

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048233.D
 Acq On : 20 Oct 2025 12:22
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/21/2025
 Supervised By : Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 20 12:46:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 12:35:14 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	117551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	187766	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	163588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	80621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	162188	89.060	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	178.120%#
35) Dibromofluoromethane	5.373	113	129919	99.697	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	199.400%#
50) Toluene-d8	8.634	98	448948	95.629	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	191.260%#
62) 4-Bromofluorobenzene	11.061	95	167565	97.996	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	196.000%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	127029	102.960	ug/l	97
3) Chloromethane	1.300	50	111895	74.863	ug/l	100
4) Vinyl Chloride	1.379	62	108564	68.931	ug/l	100
5) Bromomethane	1.605	94	65752	62.780	ug/l	99
6) Chloroethane	1.690	64	66332	66.181	ug/l	92
7) Trichlorofluoromethane	1.892	101	213301	86.283	ug/l	98
8) Diethyl Ether	2.135	74	58302	69.141	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.337	101	136951	98.309	ug/l	96
10) Methyl Iodide	2.452	142	183697	110.092	ug/l	99
11) Tert butyl alcohol	2.952	59	78284	647.864	ug/l	99
12) 1,1-Dichloroethene	2.324	96	131152	96.282	ug/l	93
13) Acrolein	2.239	56	87244	343.554	ug/l	100
14) Allyl chloride	2.666	41	214290	87.456	ug/l	98
15) Acrylonitrile	3.056	53	298022	514.707	ug/l	100
16) Acetone	2.373	43	260058	418.616	ug/l	99
17) Carbon Disulfide	2.513	76	380127	90.700	ug/l	99
18) Methyl Acetate	2.702	43	120920	95.565	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	427254	104.130	ug/l	97
20) Methylene Chloride	2.788	84	140317	92.718	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	139080	98.694	ug/l	96
22) Diisopropyl ether	3.751	45	420126	87.566	ug/l	89
23) Vinyl Acetate	3.714	43	1723170	480.325	ug/l	96
24) 1,1-Dichloroethane	3.605	63	248141	91.164	ug/l	99
25) 2-Butanone	4.543	43	353741	488.753	ug/l	98
26) 2,2-Dichloropropane	4.470	77	228643	98.275	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	163444	97.727	ug/l	98
28) Bromochloromethane	4.885	49	108536	86.505	ug/l	86
29) Tetrahydrofuran	4.989	42	216543	509.471	ug/l	93
30) Chloroform	5.080	83	264966	92.461	ug/l	98
31) Cyclohexane	5.464	56	217717	97.754	ug/l	91
32) 1,1,1-Trichloroethane	5.373	97	248018	105.334	ug/l	98
36) 1,1-Dichloropropene	5.684	75	183932	100.194	ug/l	99
37) Ethyl Acetate	4.702	43	153844	104.863	ug/l	99
38) Carbon Tetrachloride	5.665	117	226976	107.719	ug/l	99
39) Methylcyclohexane	7.366	83	235208	113.637	ug/l	95
40) Benzene	6.025	78	535407	98.221	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.909	41	83790	106.641	ug/l	97
42) 1,2-Dichloroethane	6.074	62	198348	101.562	ug/l	99
43) Isopropyl Acetate	6.324	43	256067	103.976	ug/l	95
44) Trichloroethene	7.110	130	142779	103.931	ug/l	99
45) 1,2-Dichloropropane	7.415	63	130188	94.368	ug/l	96
46) Dibromomethane	7.567	93	98105	98.835	ug/l	94
47) Bromodichloromethane	7.805	83	215302	100.358	ug/l	99
48) Methyl methacrylate	7.677	41	131454	104.272	ug/l	95
49) 1,4-Dioxane	7.647	88	35972	3169.845	ug/l	89
51) 4-Methyl-2-Pentanone	8.561	43	720980	526.103	ug/l	94
52) Toluene	8.701	92	341597	104.263	ug/l	99
53) t-1,3-Dichloropropene	8.963	75	215736	107.341	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	231037	105.465	ug/l	94
55) 1,1,2-Trichloroethane	9.134	97	124910	102.180	ug/l	98
56) Ethyl methacrylate	9.104	69	196699	118.305	ug/l	94
57) 1,3-Dichloropropane	9.293	76	214853	100.598	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	505448	592.044	ug/l	96
59) 2-Hexanone	9.415	43	509398	531.416	ug/l	95
60) Dibromochloromethane	9.506	129	166167	108.598	ug/l	100
61) 1,2-Dibromoethane	9.591	107	134662	107.431	ug/l	97
64) Tetrachloroethene	9.256	164	121163	105.633	ug/l	97
65) Chlorobenzene	10.061	112	375532	104.990	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	140599	109.080	ug/l	97
67) Ethyl Benzene	10.177	91	656925	107.128	ug/l	98
68) m/p-Xylenes	10.286	106	490879	214.875	ug/l	100
69) o-Xylene	10.622	106	236648	110.042	ug/l	100
70) Styrene	10.640	104	407916	110.197	ug/l	99
71) Bromoform	10.780	173	109613	115.806	ug/l #	98
73) Isopropylbenzene	10.945	105	624767	111.418	ug/l	99
74) N-amyl acetate	10.829	43	228080	109.030	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.195	83	164207	103.367	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	130599m	106.083	ug/l	
77) Bromobenzene	11.183	156	153619	109.475	ug/l	93
78) n-propylbenzene	11.286	91	732684	107.747	ug/l	98
79) 2-Chlorotoluene	11.347	91	434217	105.691	ug/l	100
80) 1,3,5-Trimethylbenzene	11.432	105	519549	112.876	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	59059	117.466	ug/l	98
82) 4-Chlorotoluene	11.439	91	506861	104.983	ug/l	98
83) tert-Butylbenzene	11.695	119	529264	113.817	ug/l	98
84) 1,2,4-Trimethylbenzene	11.731	105	523474	114.214	ug/l	99
85) sec-Butylbenzene	11.871	105	639904	112.562	ug/l	100
86) p-Isopropyltoluene	11.987	119	548119	114.386	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	281617	107.314	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	277908	102.163	ug/l	98
89) n-Butylbenzene	12.316	91	495486	111.016	ug/l	99
90) Hexachloroethane	12.518	117	107057	105.851	ug/l	93
91) 1,2-Dichlorobenzene	12.316	146	261022	105.277	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	36087	124.320	ug/l	97
93) 1,2,4-Trichlorobenzene	13.566	180	179562	122.679	ug/l	100
94) Hexachlorobutadiene	13.706	225	68645	121.605	ug/l	98
95) Naphthalene	13.755	128	511355	132.536	ug/l	99
96) 1,2,3-Trichlorobenzene	13.944	180	169248	125.328	ug/l	98

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ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

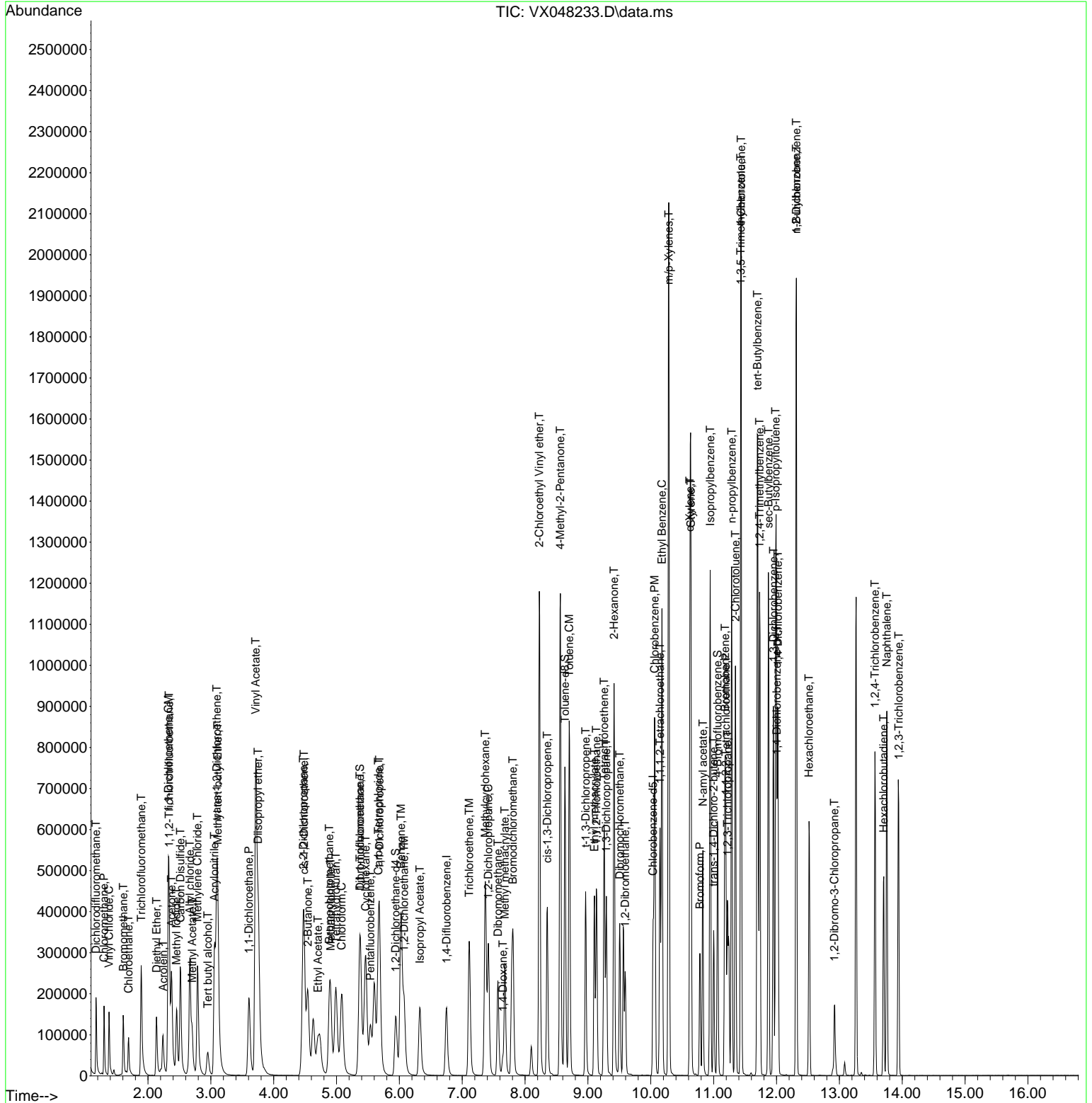
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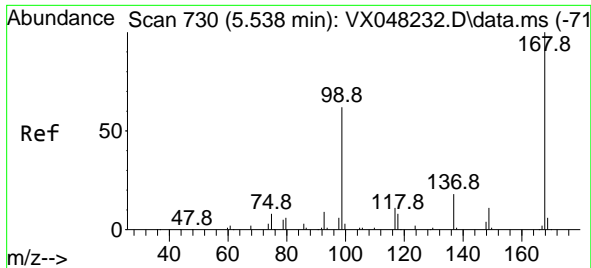
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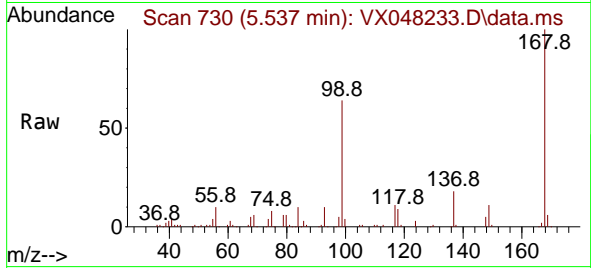
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#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.537 min Scan# 71
 Delta R.T. -0.007 min
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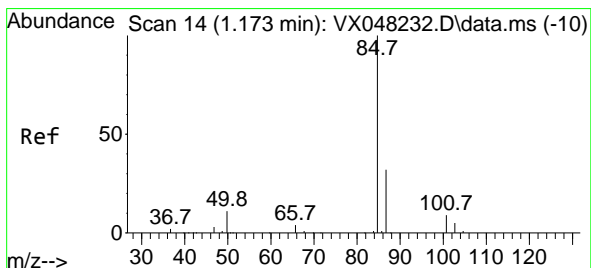
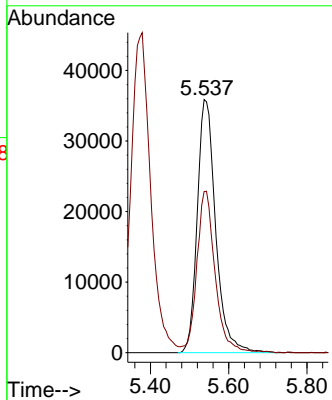
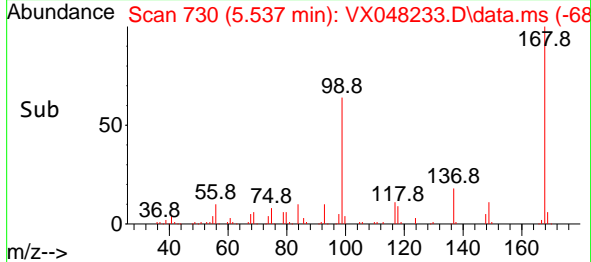
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 MSVOA_X
 ClientSampleId :
 VSTDICC100



Tgt Ion: 168 Resp: 11755
 Ion Ratio Lower Upper
 168 100
 99 63.4 46.4 69.6

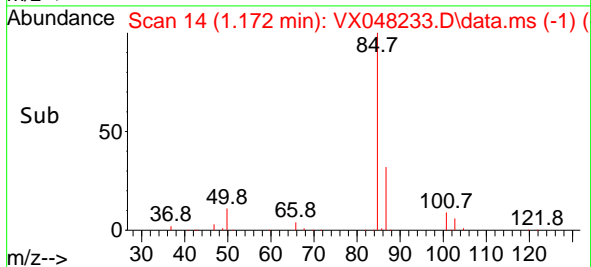
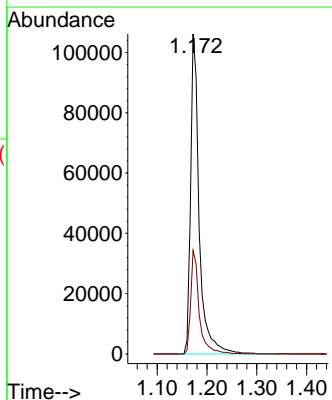
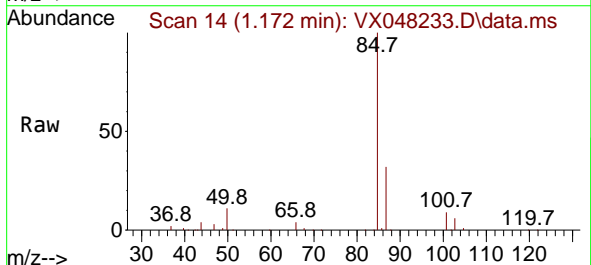
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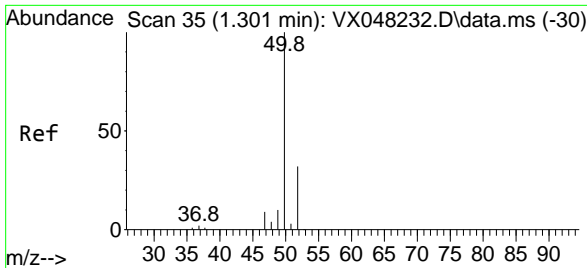
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#2
 Dichlorodifluoromethane
 Concen: 102.960 ug/l
 RT: 1.172 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VX048233.D
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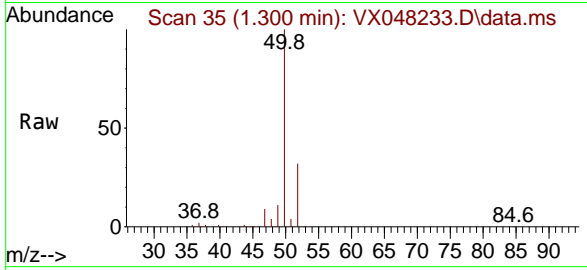
Tgt Ion: 85 Resp: 127029
 Ion Ratio Lower Upper
 85 100
 87 32.3 15.3 45.9





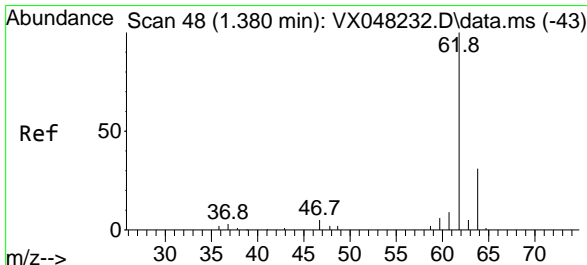
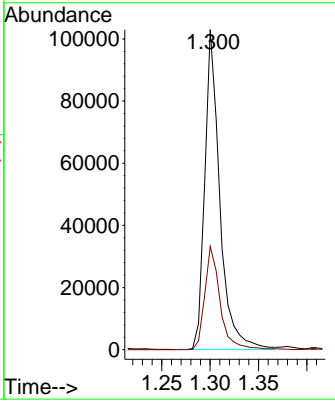
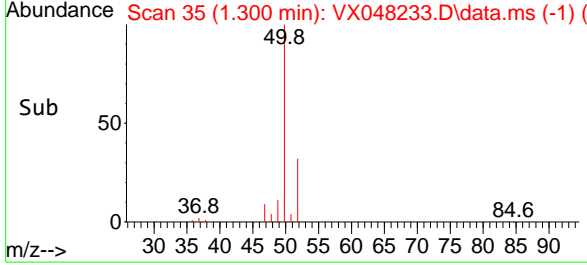
#3
 Chloromethane
 Concen: 74.863 ug/l
 RT: 1.300 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

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 Client Sample Id : VSTDIC100

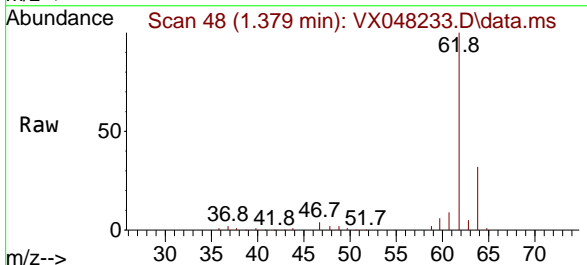


Tgt Ion: 50 Resp: 11189
 Ion Ratio Lower Upper
 50 100
 52 32.2 25.9 38.9

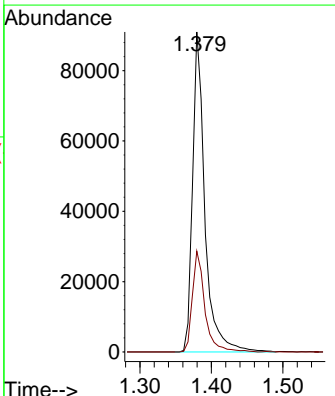
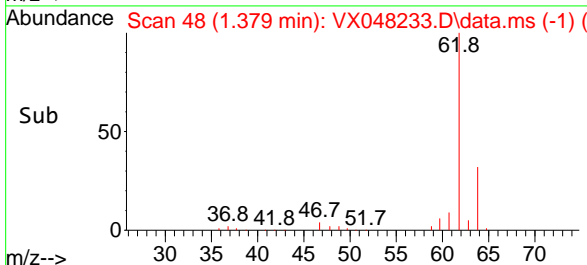
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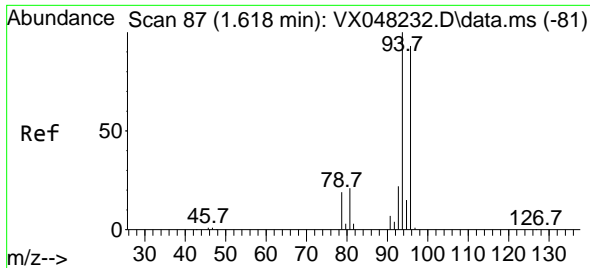


#4
 Vinyl Chloride
 Concen: 68.931 ug/l
 RT: 1.379 min Scan# 48
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22



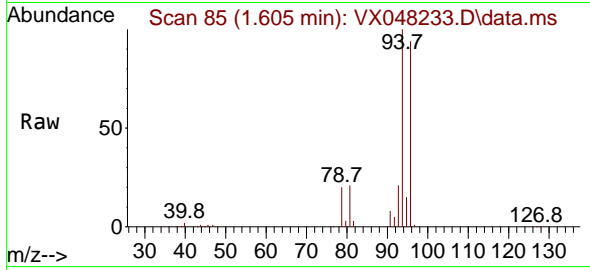
Tgt Ion: 62 Resp: 108564
 Ion Ratio Lower Upper
 62 100
 64 31.5 25.1 37.7





#5
 Bromomethane
 Concen: 62.780 ug/l
 RT: 1.605 min Scan# 81
 Delta R.T. -0.013 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

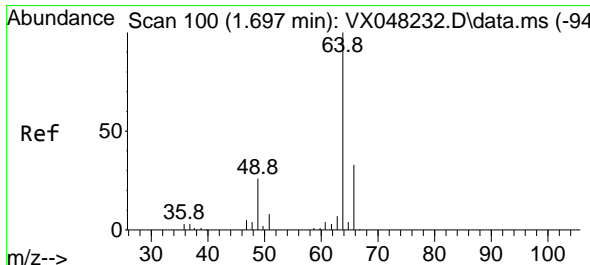
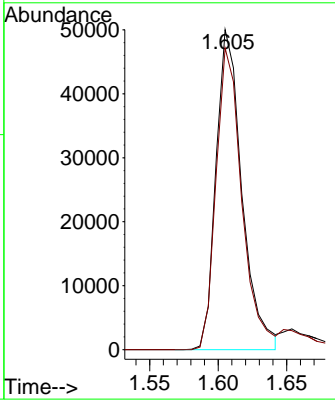
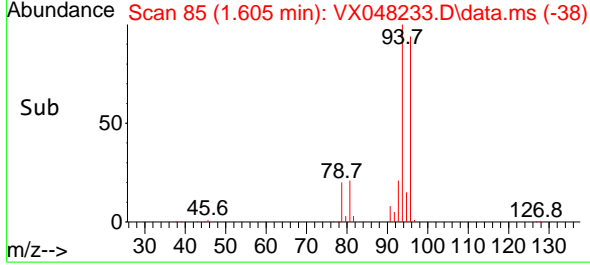
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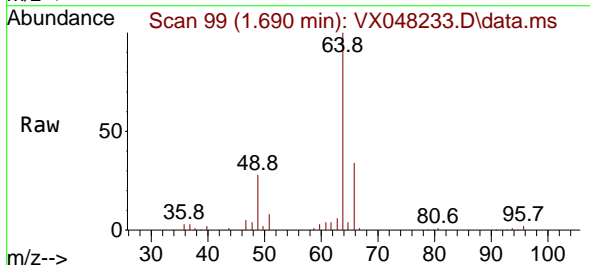
Tgt Ion: 94 Resp: 6575
 Ion Ratio Lower Upper
 94 100
 96 94.3 76.0 114.0

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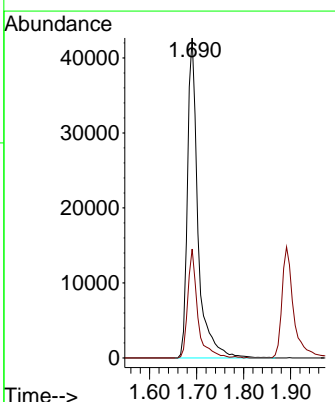
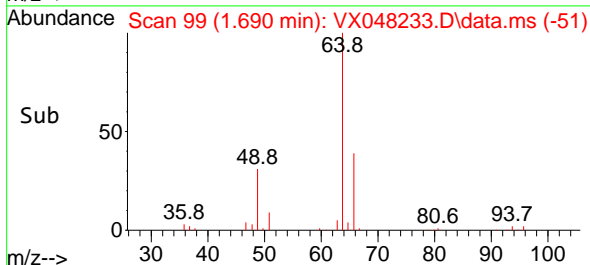
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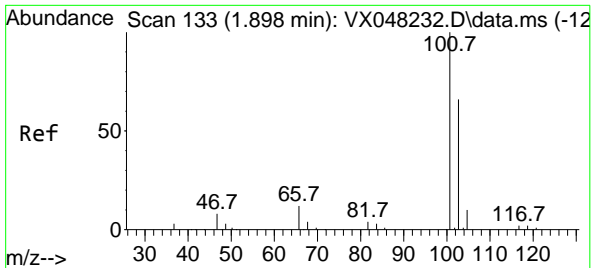


#6
 Chloroethane
 Concen: 66.181 ug/l
 RT: 1.690 min Scan# 99
 Delta R.T. -0.007 min
 Lab File: VX048233.D
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Tgt Ion: 64 Resp: 66332
 Ion Ratio Lower Upper
 64 100
 66 34.0 23.9 35.9





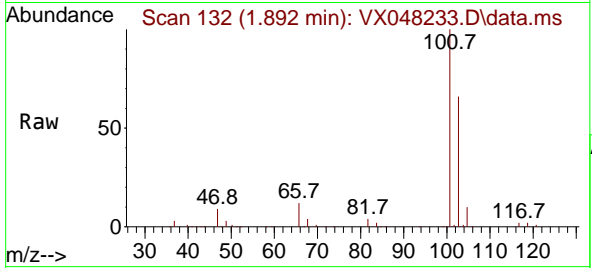
#7
 Trichlorofluoromethane
 Concen: 86.283 ug/l
 RT: 1.892 min Scan# 111
 Delta R.T. -0.007 min
 Lab File: VX048233.D
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Instrument :

MSVOA_X

Client Sample Id :

VSTDICC100

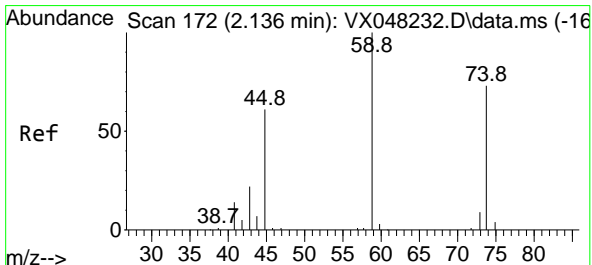
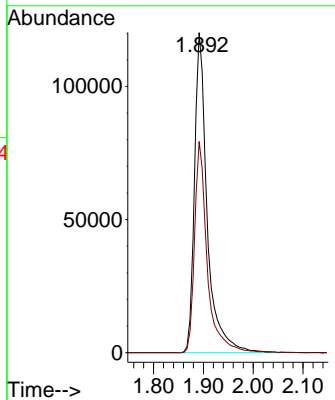
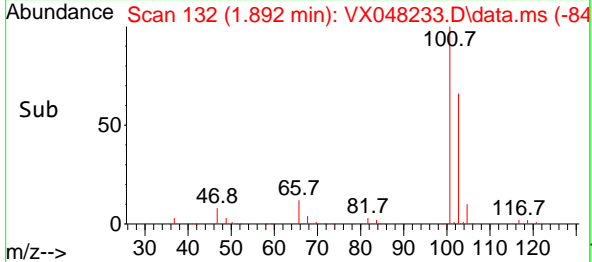


Tgt Ion: 101 Resp: 21330
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.6 77.4

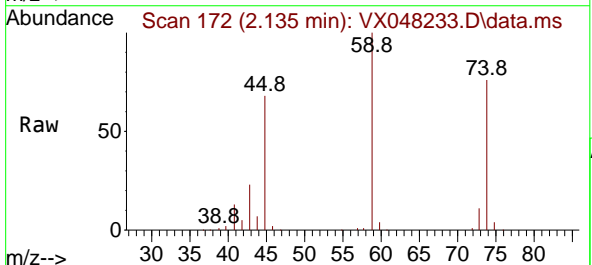
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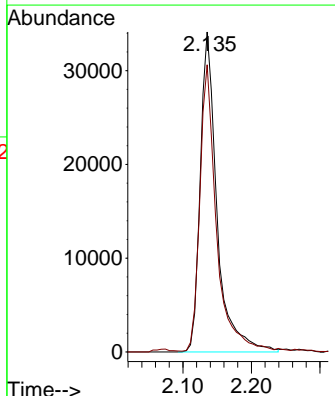
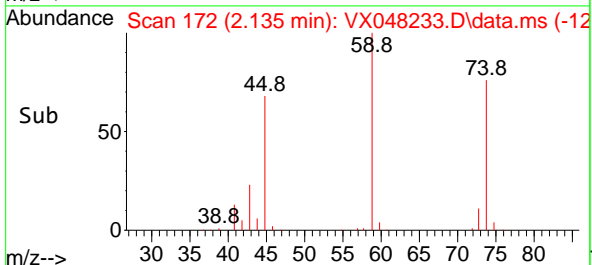
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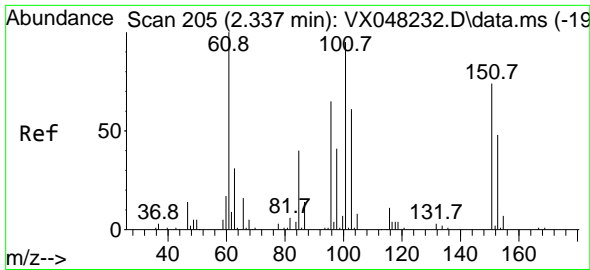


#8
 Diethyl Ether
 Concen: 69.141 ug/l
 RT: 2.135 min Scan# 172
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 58302
 Ion Ratio Lower Upper
 74 100
 45 88.0 50.0 149.8





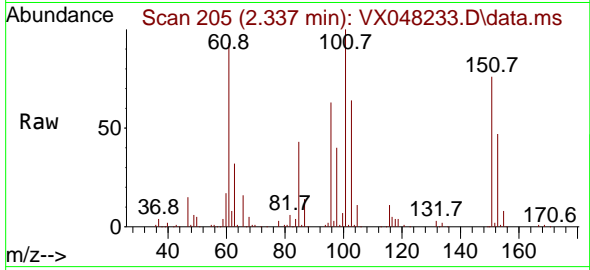
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 98.309 ug/l
 RT: 2.337 min Scan# 205
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100



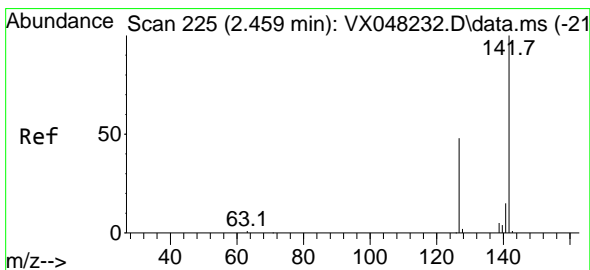
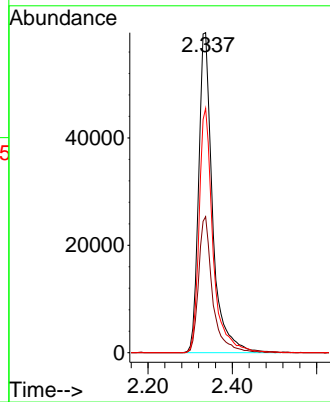
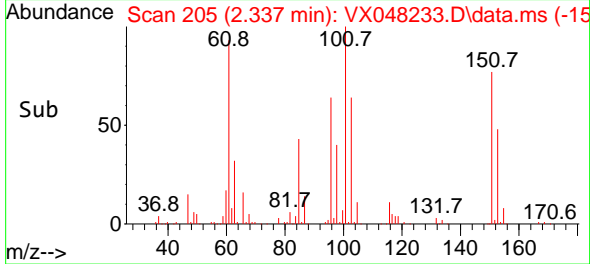
Tgt Ion:101 Resp: 13695
 Ion Ratio Lower Upper
 101 100
 85 42.9 35.6 53.4
 151 76.5 58.0 87.0

Manual Integrations

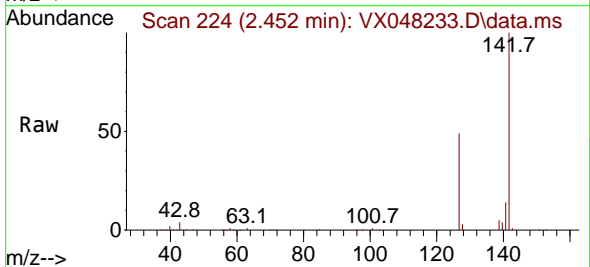
APPROVED

Reviewed By :John Carlone 10/21/2025

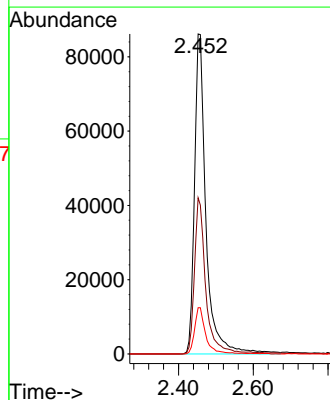
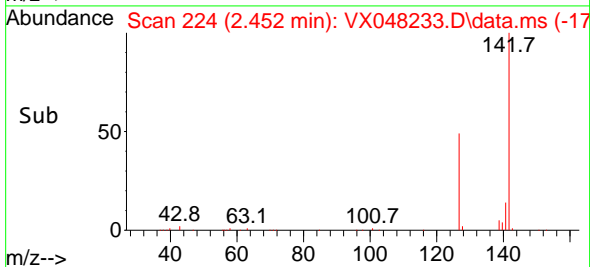
Supervised By :Semsettin Yesilyurt 10/21/2025

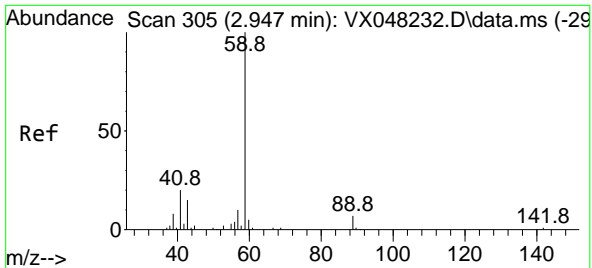


#10
 Methyl Iodide
 Concen: 110.092 ug/l
 RT: 2.452 min Scan# 224
 Delta R.T. -0.007 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22



Tgt Ion:142 Resp: 183697
 Ion Ratio Lower Upper
 142 100
 127 47.6 38.5 57.7
 141 14.1 11.6 17.4





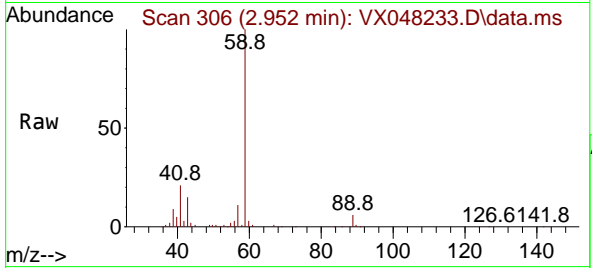
#11
 Tert butyl alcohol
 Concen: 647.864 ug/l
 RT: 2.952 min Scan# 306
 Delta R.T. 0.012 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

Client Sample Id :

VSTDIC100



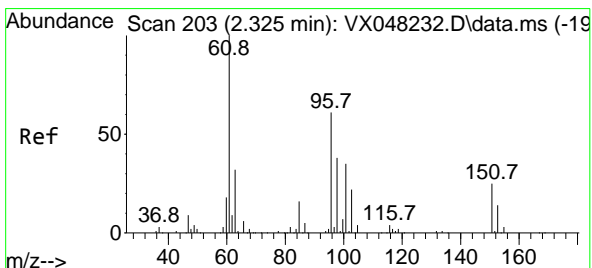
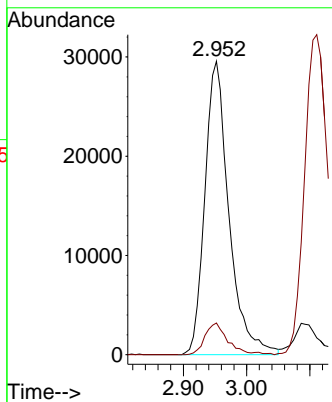
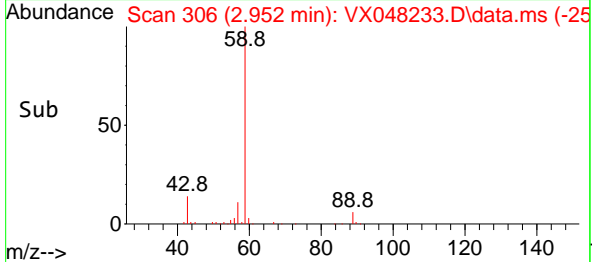
Tgt Ion: 59 Resp: 78284
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.2 12.4

Manual Integrations

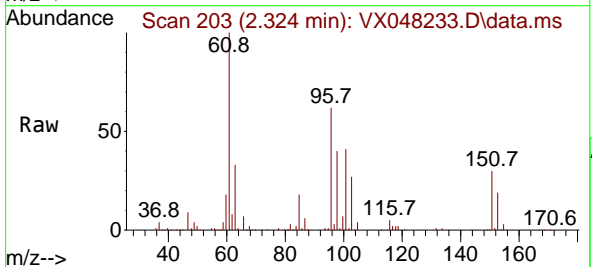
APPROVED

Reviewed By :John Carlone 10/21/2025

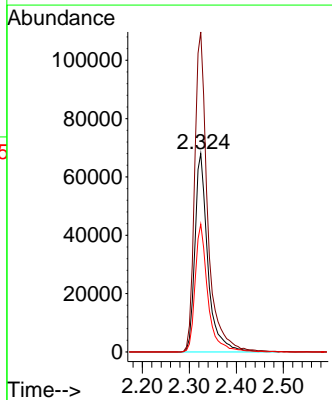
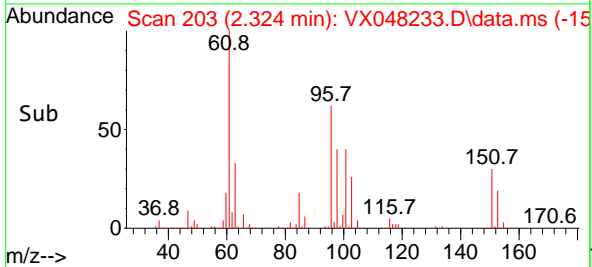
Supervised By :Semsettin Yesilyurt 10/21/2025

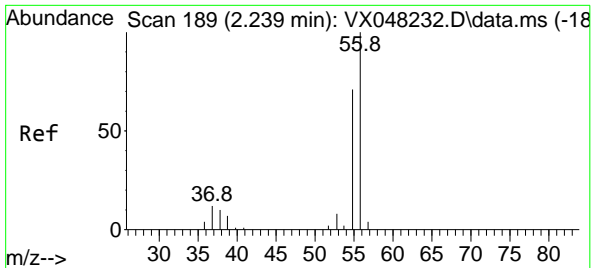


#12
 1,1-Dichloroethene
 Concen: 96.282 ug/l
 RT: 2.324 min Scan# 203
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22



Tgt Ion: 96 Resp: 131152
 Ion Ratio Lower Upper
 96 100
 61 161.2 139.0 208.6
 98 64.4 52.4 78.6





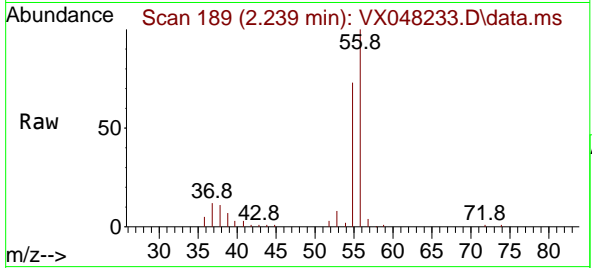
#13
 Acrolein
 Concen: 343.554 ug/l
 RT: 2.239 min Scan# 189
 Delta R.T. 0.006 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

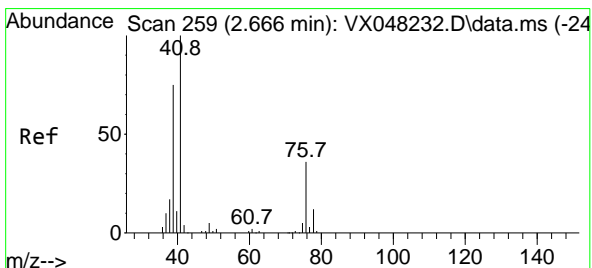
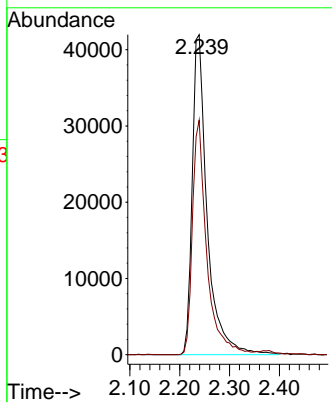
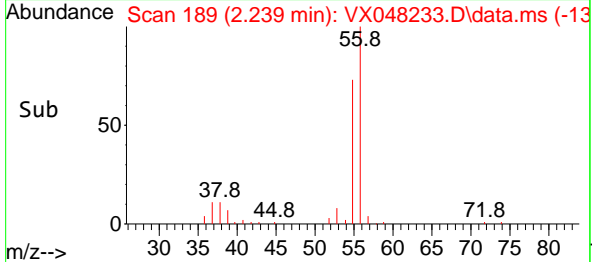


Tgt Ion: 56 Resp: 87244
 Ion Ratio Lower Upper
 56 100
 55 70.2 56.1 84.1

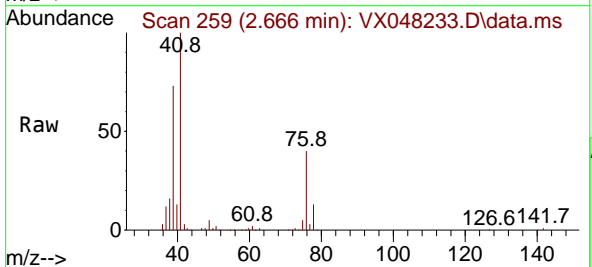
Manual Integrations

APPROVED

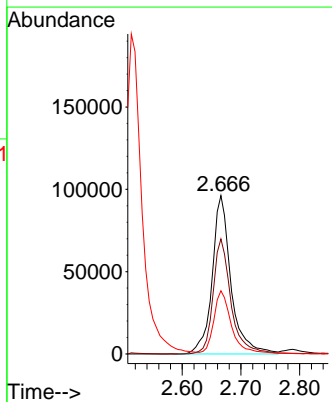
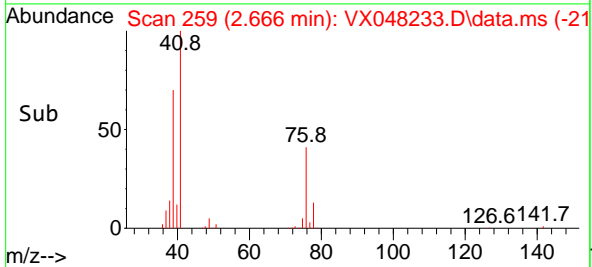
Reviewed By :John Carlone 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025

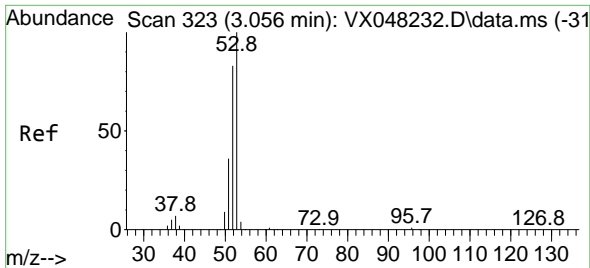


#14
 Allyl chloride
 Concen: 87.456 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22



Tgt Ion: 41 Resp: 214290
 Ion Ratio Lower Upper
 41 100
 39 69.5 56.0 84.0
 76 37.6 27.5 41.3





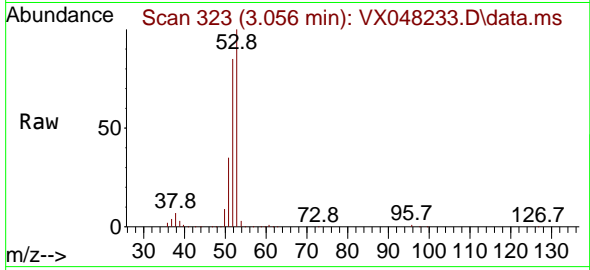
#15
 Acrylonitrile
 Concen: 514.707 ug/l
 RT: 3.056 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

Client Sample Id :

VSTDIC100



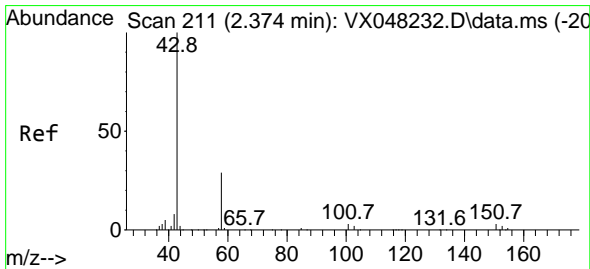
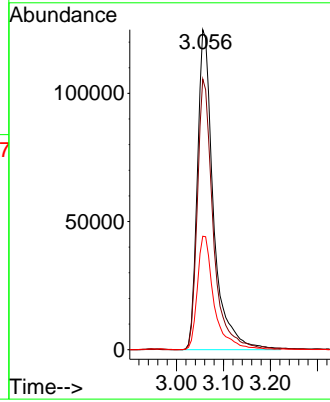
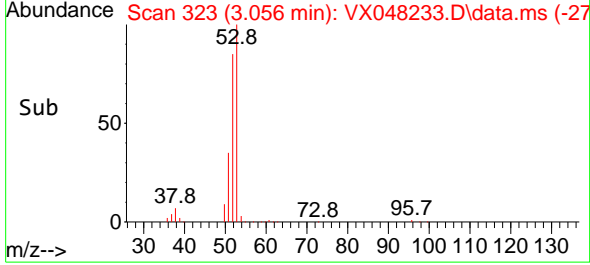
Tgt Ion: 53 Resp: 29802
 Ion Ratio Lower Upper
 53 100
 52 82.7 66.1 99.1
 51 37.0 29.0 43.4

Manual Integrations

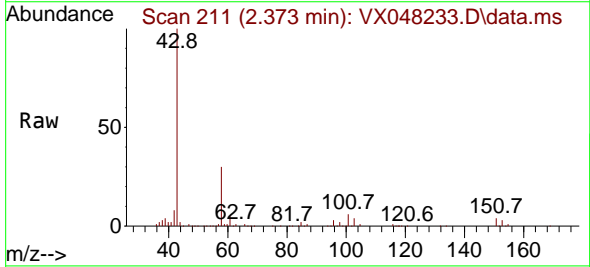
APPROVED

Reviewed By :John Carlone 10/21/2025

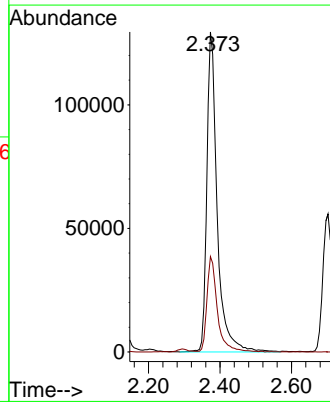
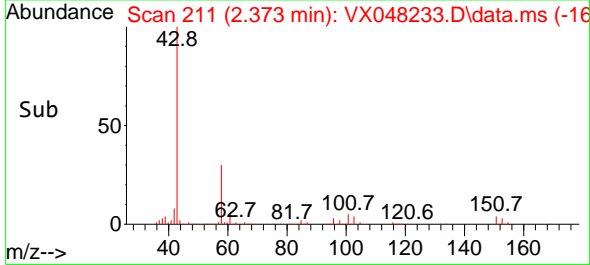
Supervised By :Semsettin Yesilyurt 10/21/2025

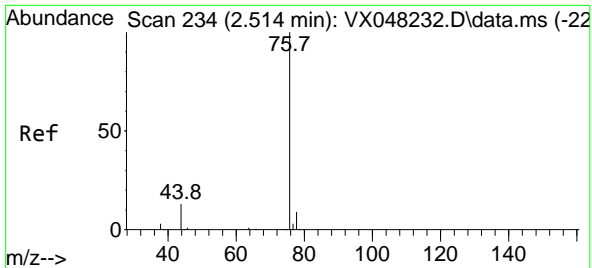


#16
 Acetone
 Concen: 418.616 ug/l
 RT: 2.373 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22



Tgt Ion: 43 Resp: 260058
 Ion Ratio Lower Upper
 43 100
 58 29.8 23.4 35.2





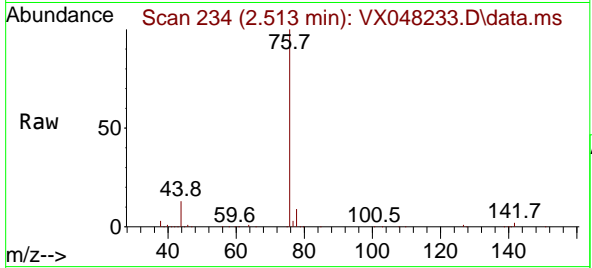
#17
 Carbon Disulfide
 Concen: 90.700 ug/l
 RT: 2.513 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

Client Sample Id :

VSTDICC100



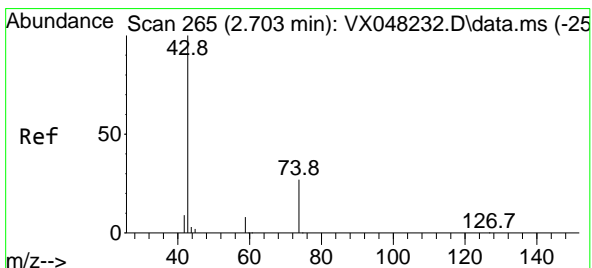
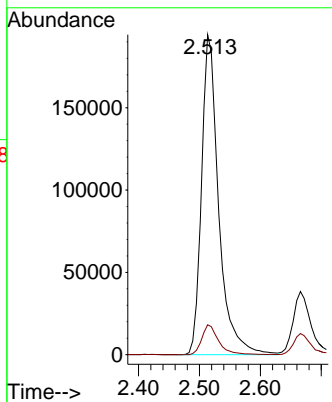
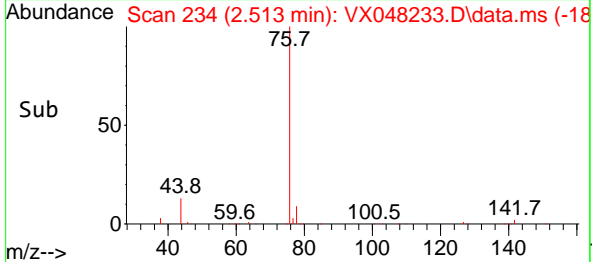
Tgt Ion: 76 Resp: 38012
 Ion Ratio Lower Upper
 76 100
 78 9.3 7.1 10.7

Manual Integrations

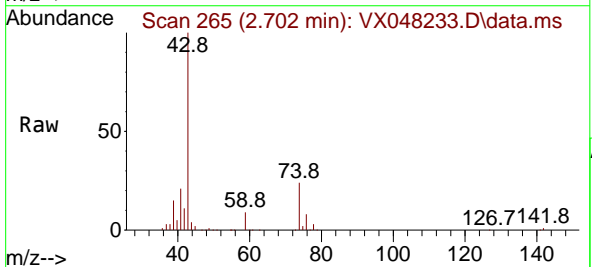
APPROVED

Reviewed By :John Carlone 10/21/2025

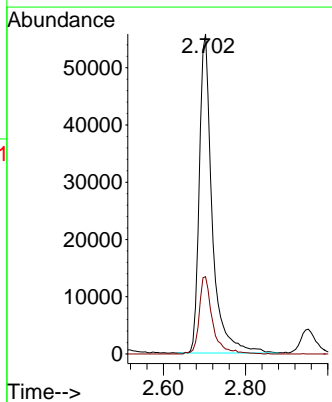
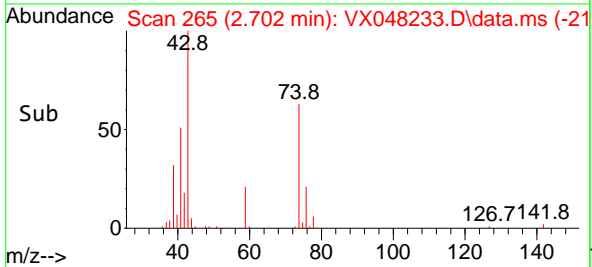
Supervised By :Semsettin Yesilyurt 10/21/2025

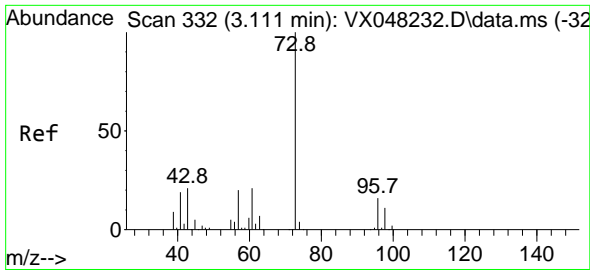


#18
 Methyl Acetate
 Concen: 95.565 ug/l
 RT: 2.702 min Scan# 265
 Delta R.T. 0.006 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22



Tgt Ion: 43 Resp: 120920
 Ion Ratio Lower Upper
 43 100
 74 25.0 17.5 26.3





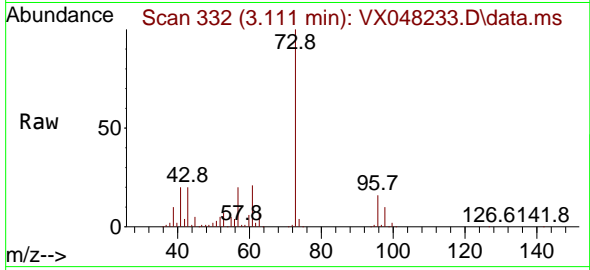
#19
 Methyl tert-butyl Ether
 Concen: 104.130 ug/l
 RT: 3.111 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100



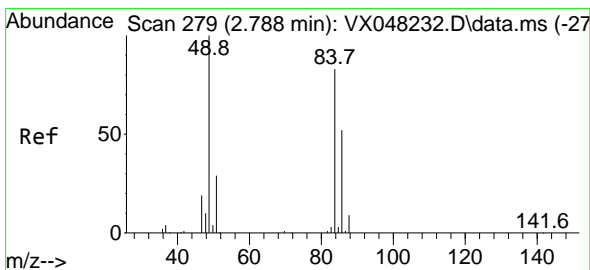
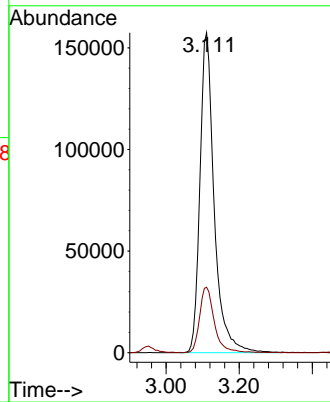
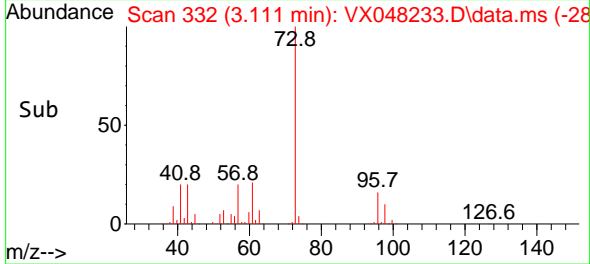
Tgt Ion: 73 Resp: 427254
 Ion Ratio Lower Upper
 73 100
 57 20.5 17.7 26.5

Manual Integrations

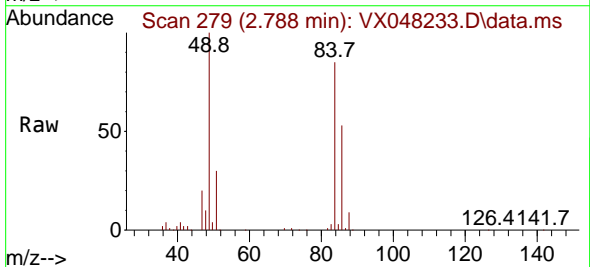
APPROVED

Reviewed By :John Carlone 10/21/2025

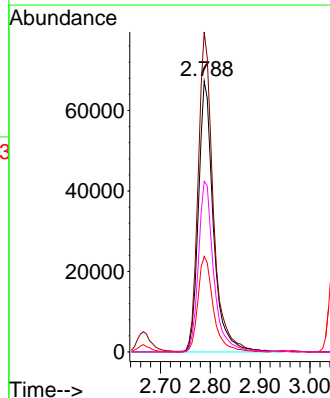
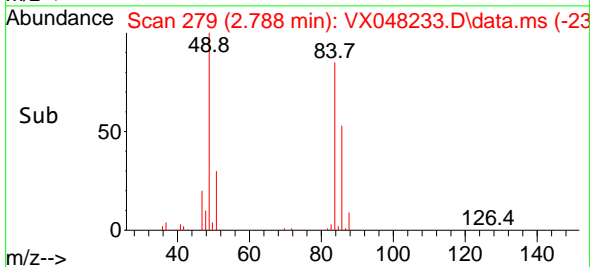
Supervised By :Semsettin Yesilyurt 10/21/2025

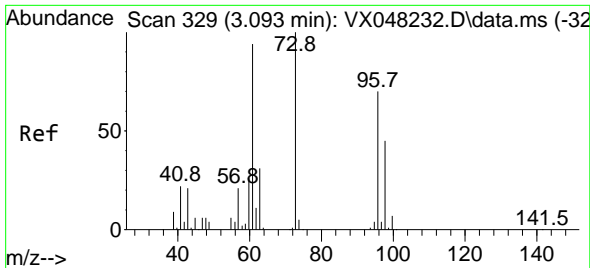


#20
 Methylene Chloride
 Concen: 92.718 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22



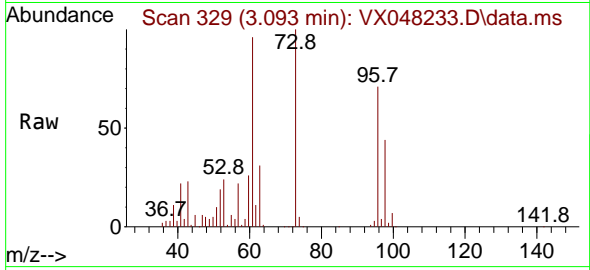
Tgt Ion: 84 Resp: 140317
 Ion Ratio Lower Upper
 84 100
 49 117.9 104.1 156.1
 51 35.3 31.3 46.9
 86 63.0 51.3 76.9





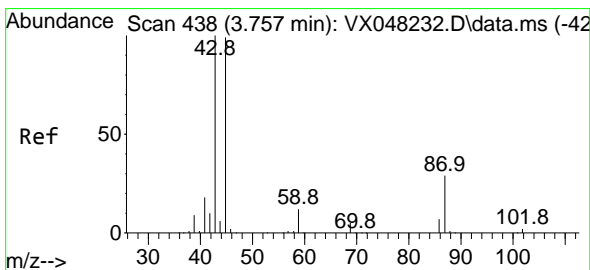
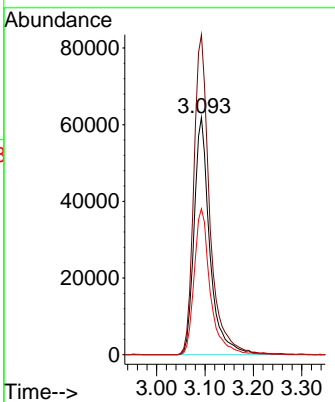
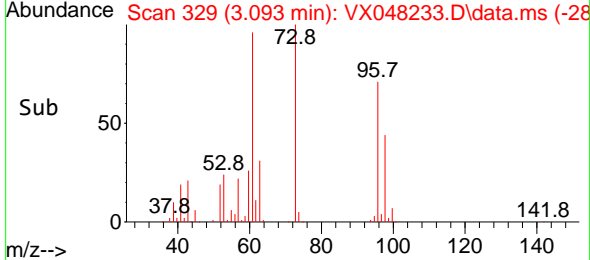
#21
 trans-1,2-Dichloroethene
 Concen: 98.694 ug/l
 RT: 3.093 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

Instrument : MSVOA_X
 ClientSampleId : VSTDIC100

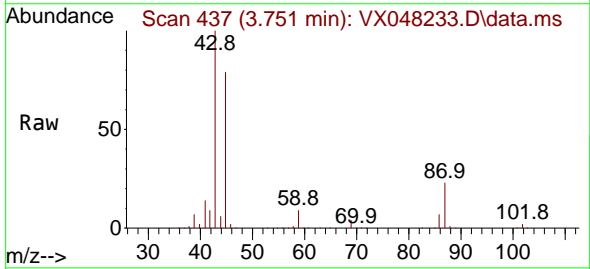


Tgt Ion: 96 Resp: 139080
 Ion Ratio Lower Upper
 96 100
 61 134.9 111.9 167.9
 98 61.5 51.2 76.8

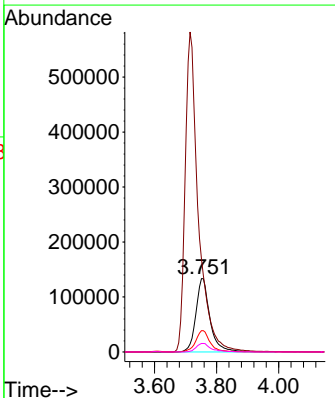
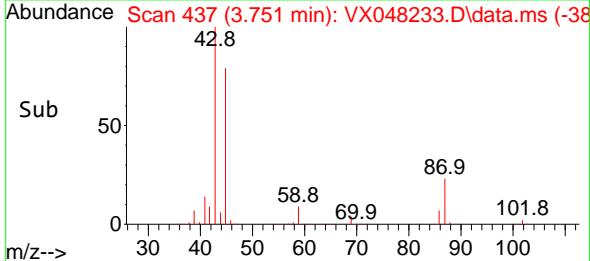
Manual Integrations
APPROVED
 Reviewed By :John Carlone 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025

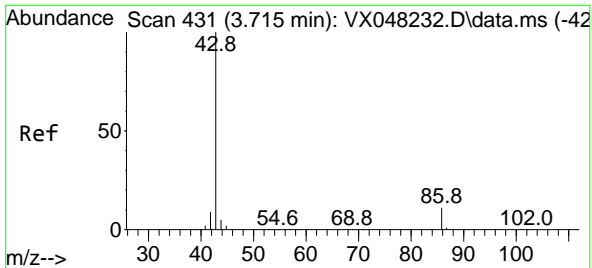


#22
 Diisopropyl ether
 Concen: 87.566 ug/l
 RT: 3.751 min Scan# 437
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22



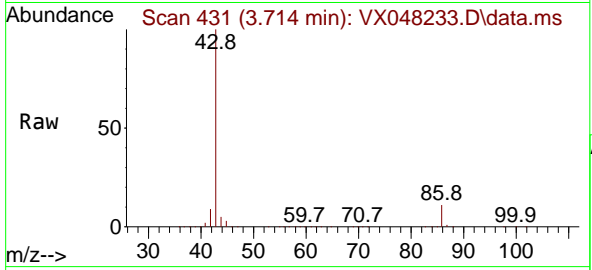
Tgt Ion: 45 Resp: 420126
 Ion Ratio Lower Upper
 45 100
 43 126.6 89.8 134.8
 87 29.0 20.6 31.0
 59 11.6 9.1 13.7





#23
 Vinyl Acetate
 Concen: 480.325 ug/l
 RT: 3.714 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

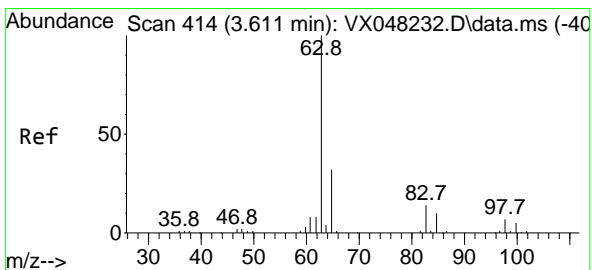
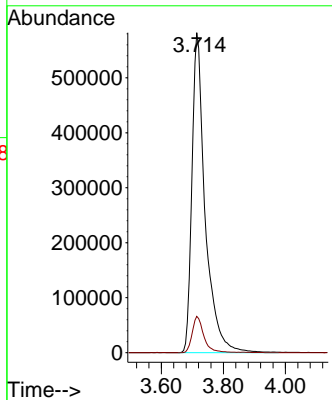
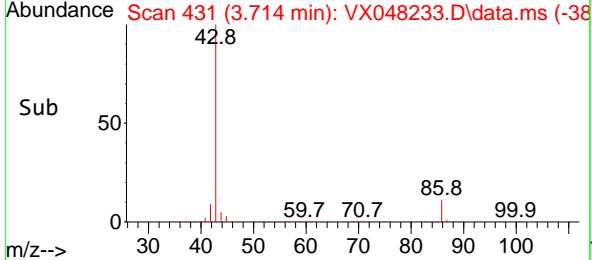
Instrument : MSVOA_X
 ClientSampleId : VSTDIC100



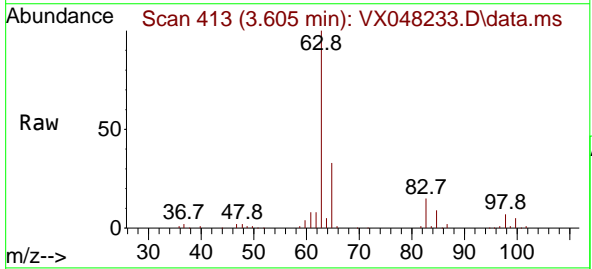
Tgt Ion: 43 Resp: 1723170
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.9 11.9

Manual Integrations
APPROVED

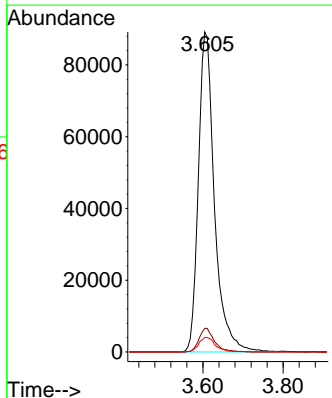
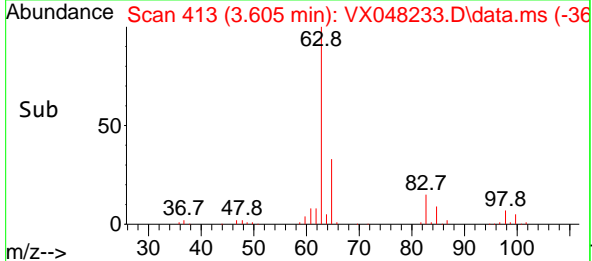
Reviewed By :John Carlone 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025

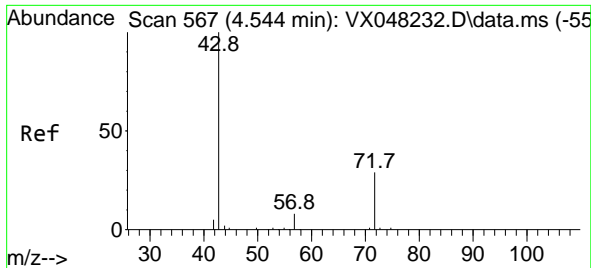


#24
 1,1-Dichloroethane
 Concen: 91.164 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22



Tgt Ion: 63 Resp: 248141
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.6
 100 4.6 2.1 6.3





#25
 2-Butanone
 Concen: 488.753 ug/l
 RT: 4.543 min Scan# 567
 Delta R.T. 0.006 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

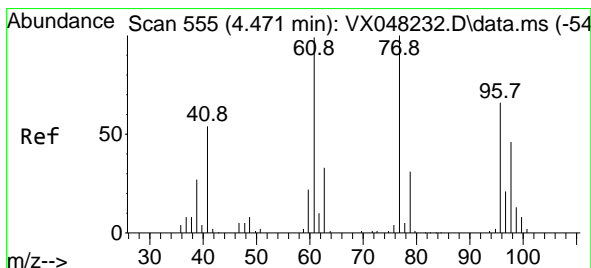
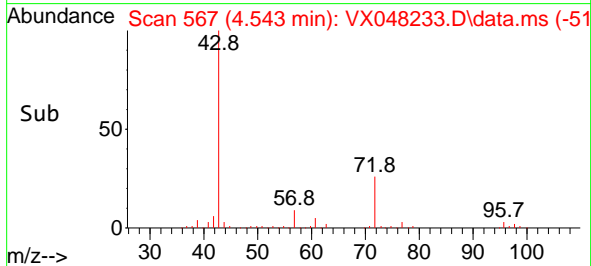
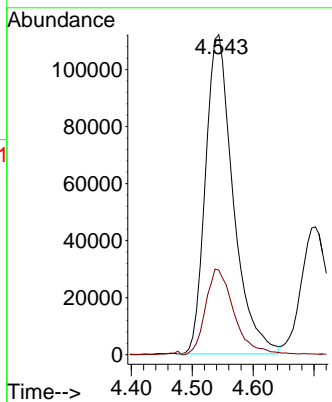
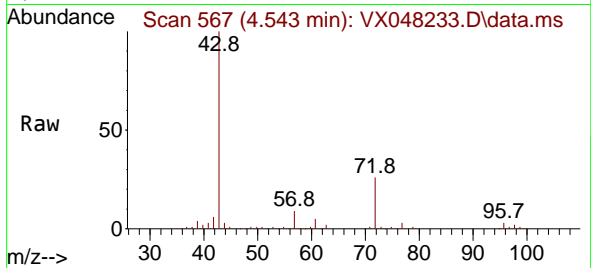
VSTDICC100

Tgt Ion: 43 Resp: 35374
 Ion Ratio Lower Upper
 43 100
 72 25.8 19.9 29.9

Manual Integrations

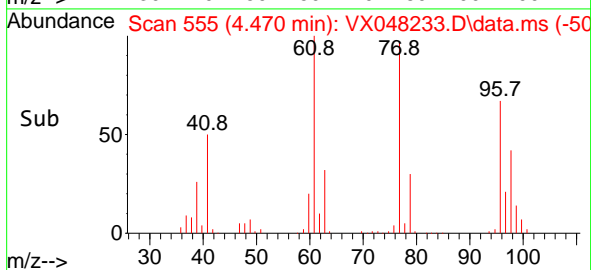
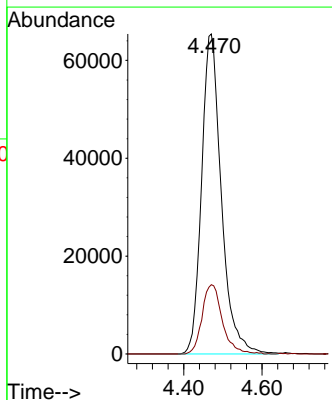
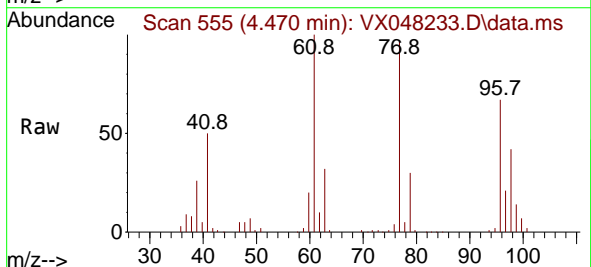
APPROVED

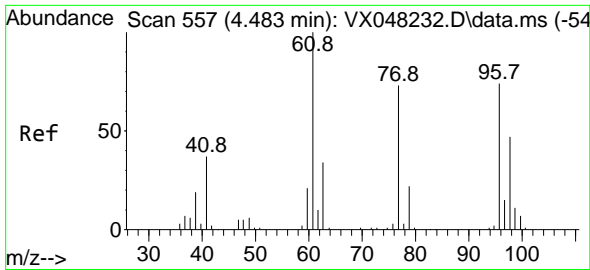
Reviewed By :John Carlone 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025



#26
 2,2-Dichloropropane
 Concen: 98.275 ug/l
 RT: 4.470 min Scan# 555
 Delta R.T. 0.006 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

Tgt Ion: 77 Resp: 228643
 Ion Ratio Lower Upper
 77 100
 97 22.2 11.1 33.3





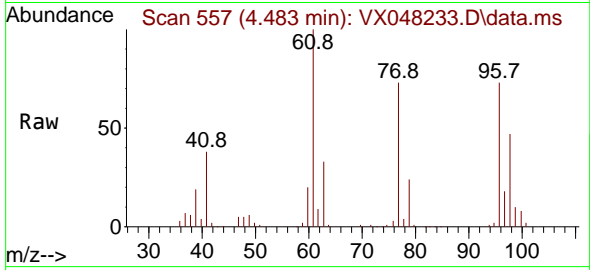
#27
 cis-1,2-Dichloroethene
 Concen: 97.727 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

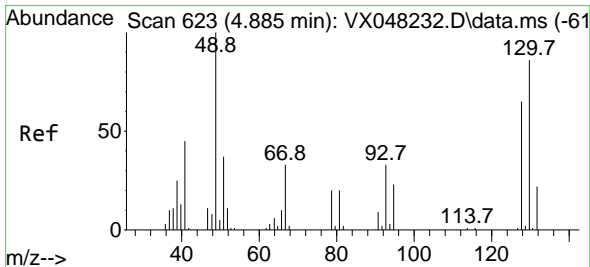
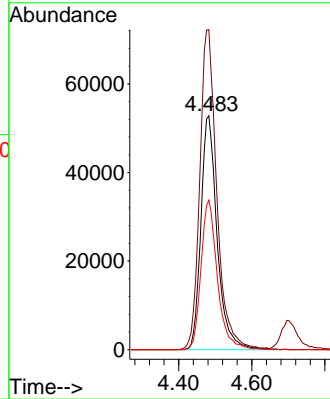
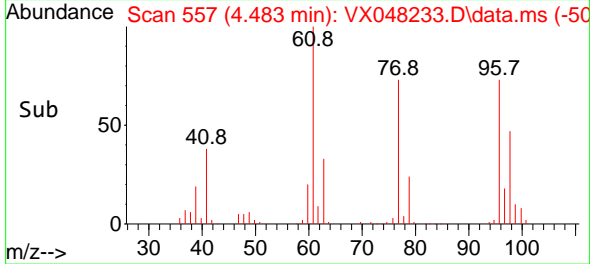


Tgt Ion: 96 Resp: 16344
 Ion Ratio Lower Upper
 96 100
 61 143.1 0.0 294.2
 98 64.3 0.0 128.4

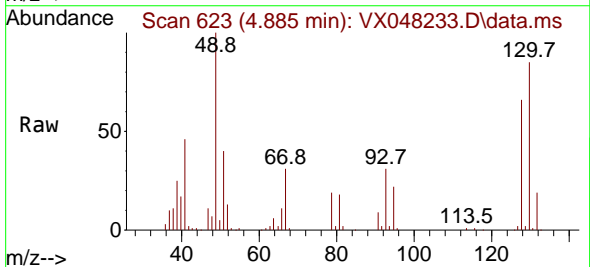
Manual Integrations

APPROVED

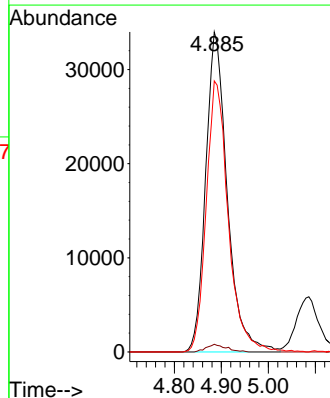
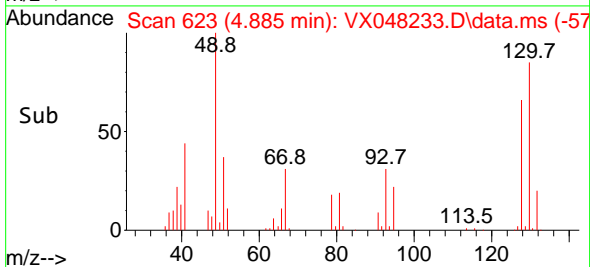
Reviewed By :John Carlone 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025

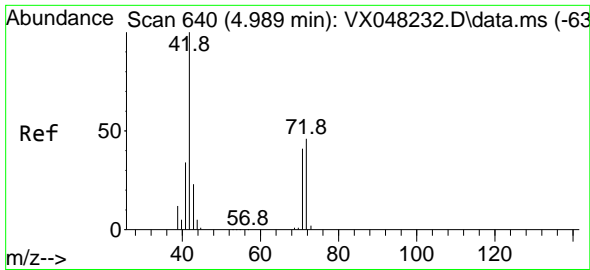


#28
 Bromochloromethane
 Concen: 86.505 ug/l
 RT: 4.885 min Scan# 623
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22



Tgt Ion: 49 Resp: 108536
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.4
 130 86.4 59.3 88.9





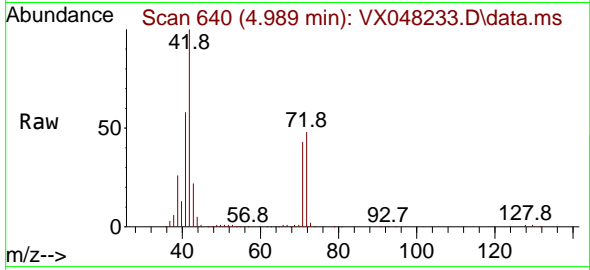
#29
 Tetrahydrofuran
 Concen: 509.471 ug/l
 RT: 4.989 min Scan# 640
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100



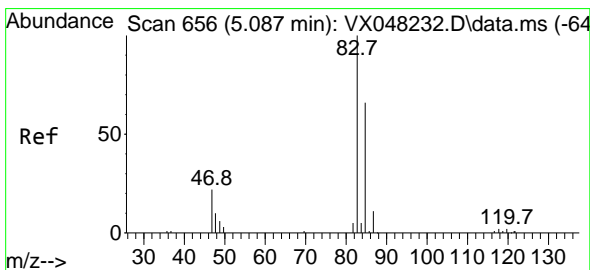
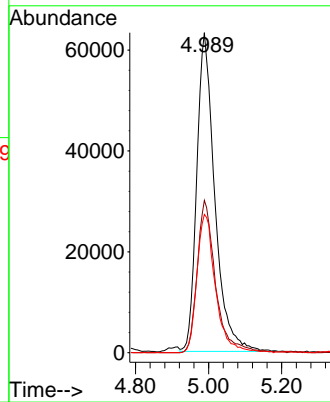
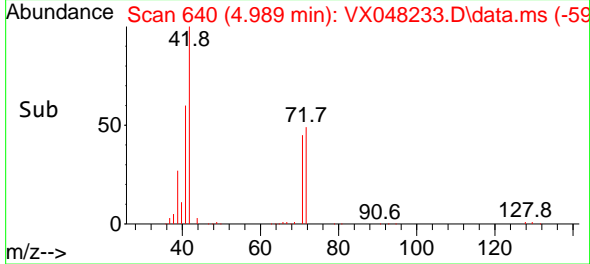
Tgt Ion: 42 Resp: 21654
 Ion Ratio Lower Upper
 42 100
 72 48.6 35.3 52.9
 71 44.5 32.2 48.4

Manual Integrations

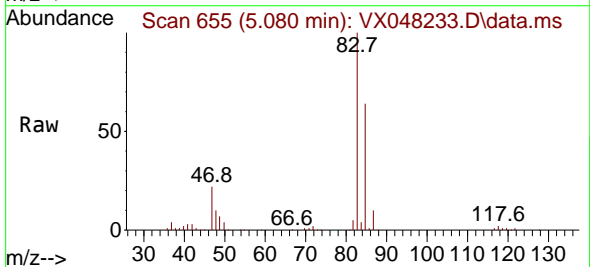
APPROVED

Reviewed By :John Carlone 10/21/2025

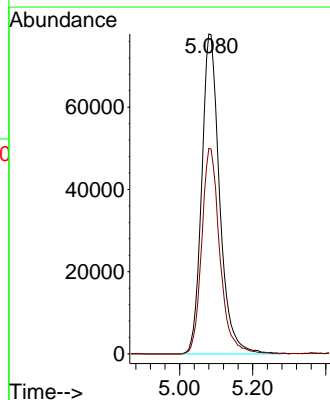
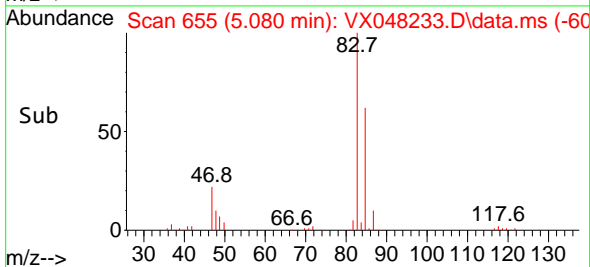
Supervised By :Semsettin Yesilyurt 10/21/2025

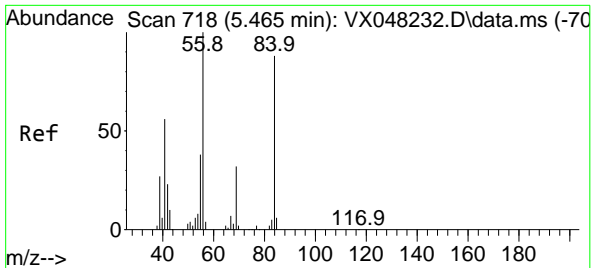


#30
 Chloroform
 Concen: 92.461 ug/l
 RT: 5.080 min Scan# 655
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22



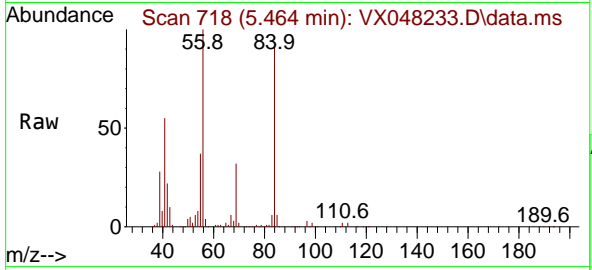
Tgt Ion: 83 Resp: 264966
 Ion Ratio Lower Upper
 83 100
 85 64.3 50.1 75.1





#31
 Cyclohexane
 Concen: 97.754 ug/l
 RT: 5.464 min Scan# 718
 Delta R.T. 0.006 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

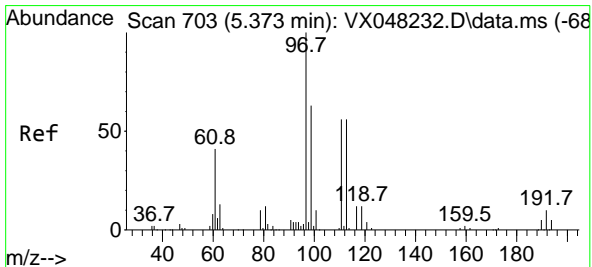
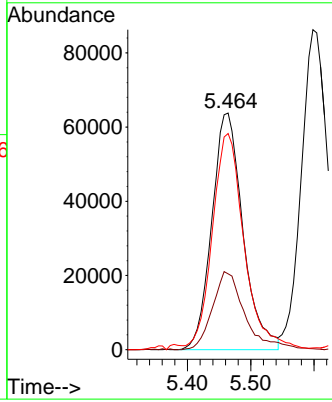
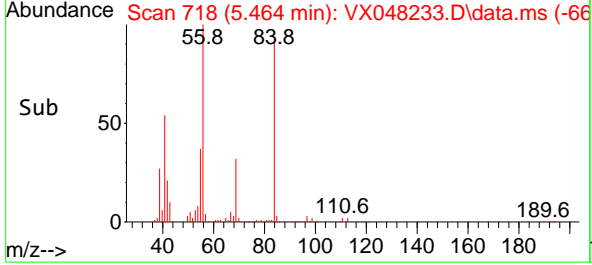
Instrument : MSVOA_X
 Client Sample Id : VSTDIC100



Tgt Ion: 56 Resp: 21771
 Ion Ratio Lower Upper
 56 100
 69 32.1 23.0 34.6
 84 89.2 64.6 97.0

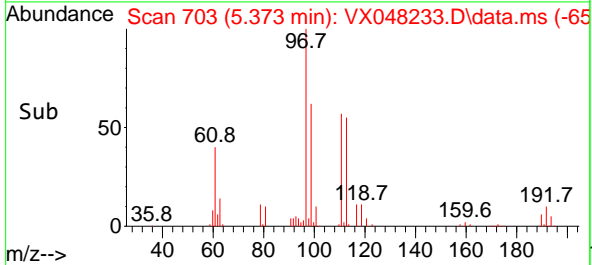
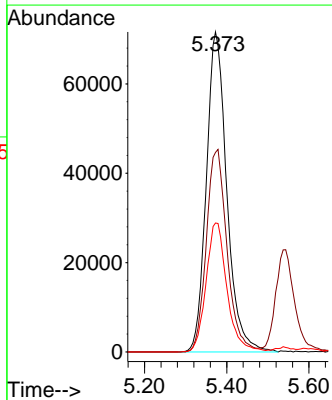
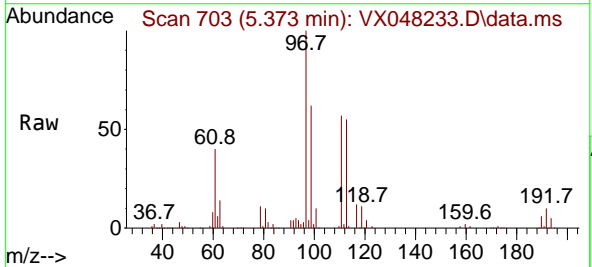
Manual Integrations
 APPROVED

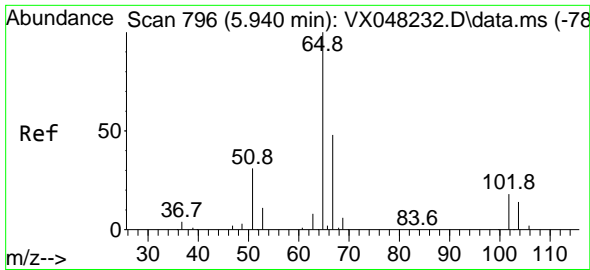
Reviewed By :John Carlone 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025



#32
 1,1,1-Trichloroethane
 Concen: 105.334 ug/l
 RT: 5.373 min Scan# 703
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

Tgt Ion: 97 Resp: 248018
 Ion Ratio Lower Upper
 97 100
 99 64.0 51.7 77.5
 61 41.2 34.8 52.2





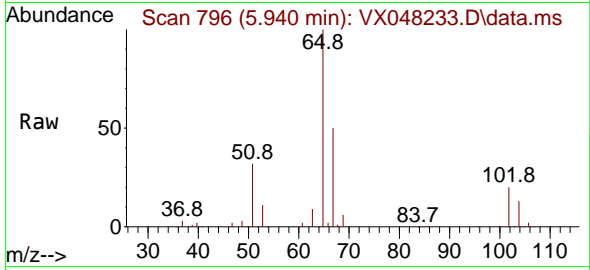
#33
 1,2-Dichloroethane-d4
 Concen: 89.060 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

Client Sample Id :

VSTDIC100



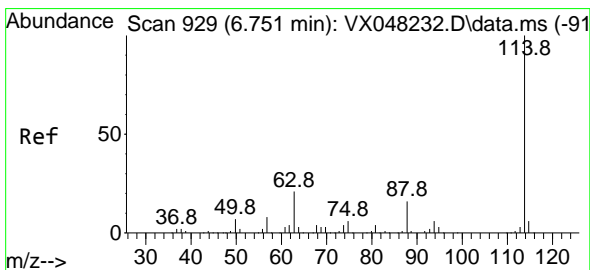
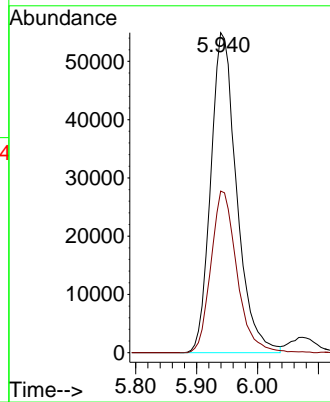
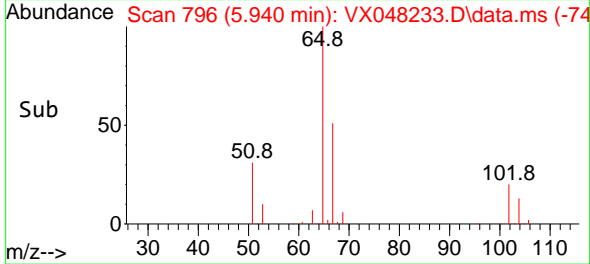
Tgt Ion: 65 Resp: 162188
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 105.0

Manual Integrations

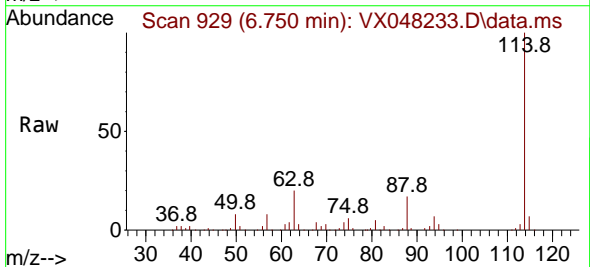
APPROVED

Reviewed By :John Carlone 10/21/2025

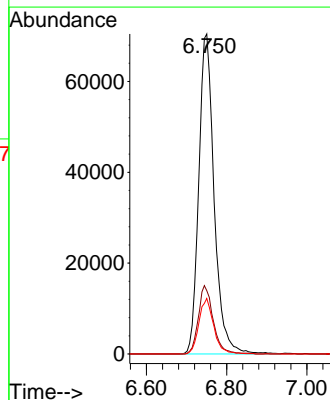
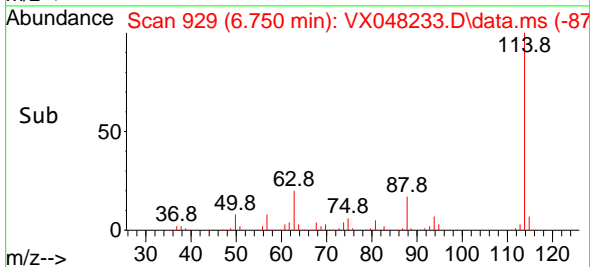
Supervised By :Semsettin Yesilyurt 10/21/2025

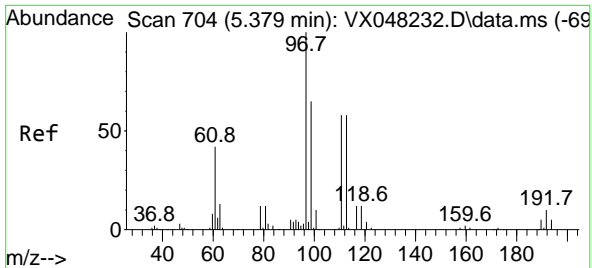


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.750 min Scan# 929
 Delta R.T. 0.006 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22



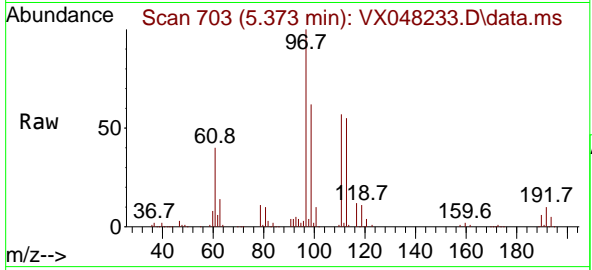
Tgt Ion:114 Resp: 187766
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 43.2
 88 17.3 0.0 33.6





#35
 Dibromofluoromethane
 Concen: 99.697 ug/l
 RT: 5.373 min Scan# 704
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

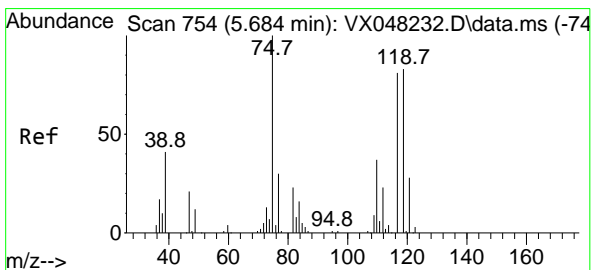
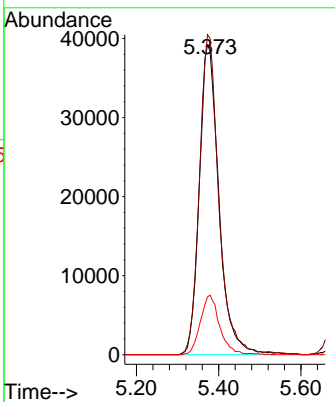
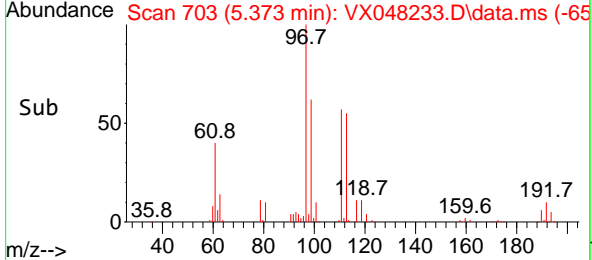
Instrument : MSVOA_X
 Client Sample Id : VSTDIC100



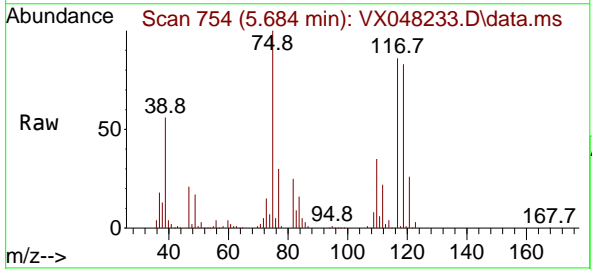
Tgt Ion: 113 Resp: 129919
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.2 123.4
 192 19.0 15.1 22.7

Manual Integrations
APPROVED

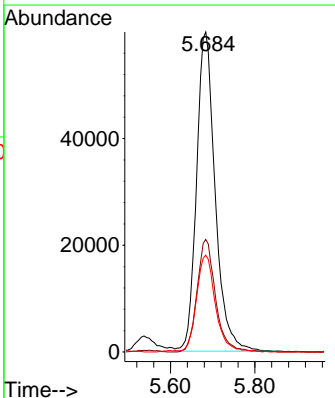
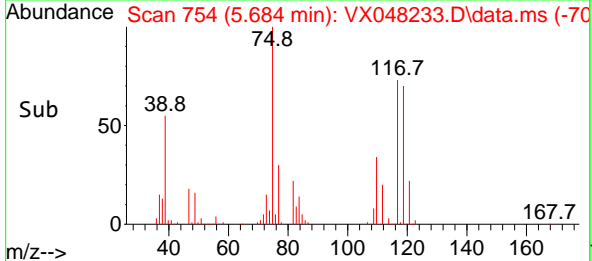
Reviewed By : John Carlone 10/21/2025
 Supervised By : Semsettin Yesilyurt 10/21/2025

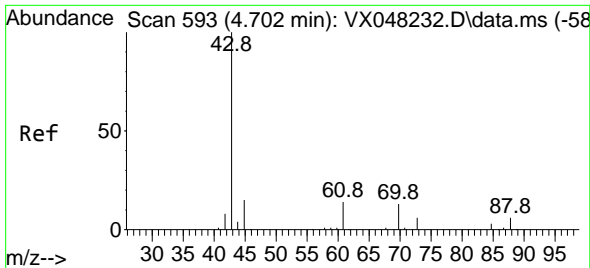


#36
 1,1-Dichloropropene
 Concen: 100.194 ug/l
 RT: 5.684 min Scan# 754
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22



Tgt Ion: 75 Resp: 183932
 Ion Ratio Lower Upper
 75 100
 110 35.1 17.7 53.1
 77 30.9 24.3 36.5





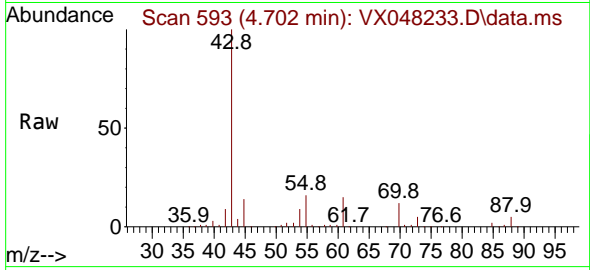
#37
 Ethyl Acetate
 Concen: 104.863 ug/l
 RT: 4.702 min Scan# 593
 Delta R.T. 0.006 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100



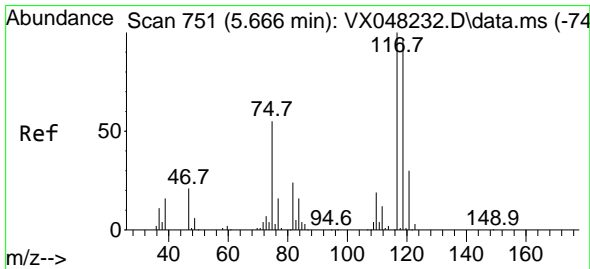
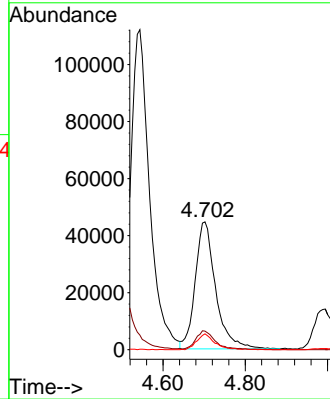
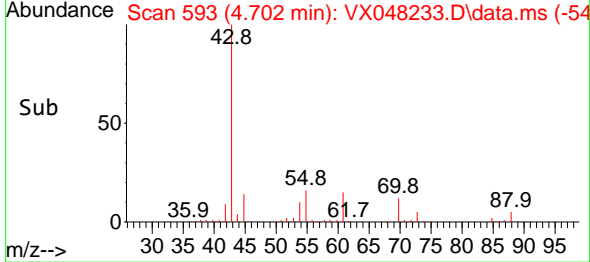
Tgt Ion: 43 Resp: 15384
 Ion Ratio Lower Upper
 43 100
 61 13.3 10.6 15.8
 70 10.7 7.8 11.6

Manual Integrations

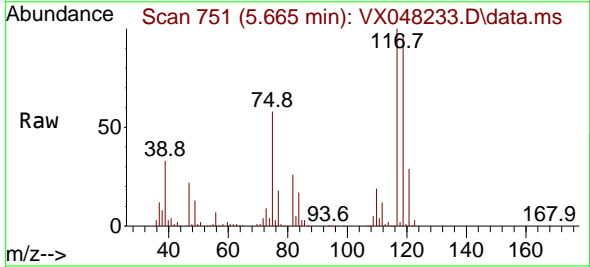
APPROVED

Reviewed By :John Carlone 10/21/2025

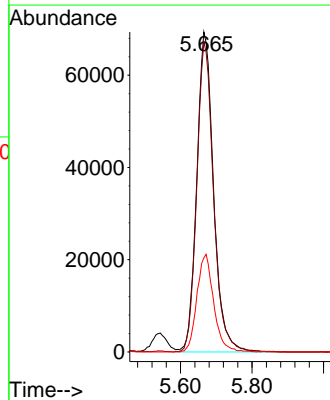
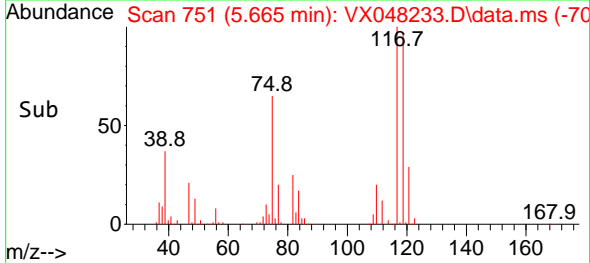
Supervised By :Semsettin Yesilyurt 10/21/2025

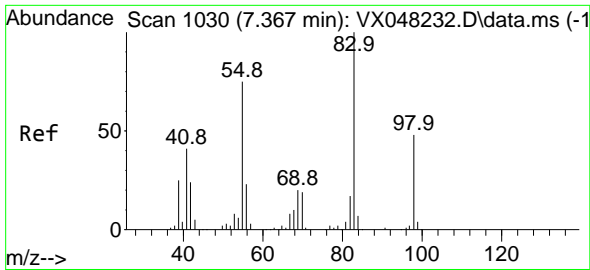


#38
 Carbon Tetrachloride
 Concen: 107.719 ug/l
 RT: 5.665 min Scan# 751
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22



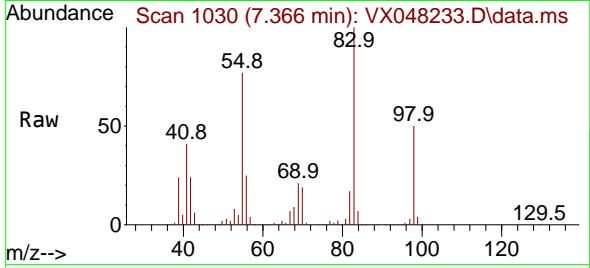
Tgt Ion:117 Resp: 226976
 Ion Ratio Lower Upper
 117 100
 119 96.9 77.2 115.8
 121 29.4 24.8 37.2





#39
 Methylcyclohexane
 Concen: 113.637 ug/l
 RT: 7.366 min Scan# 1030
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

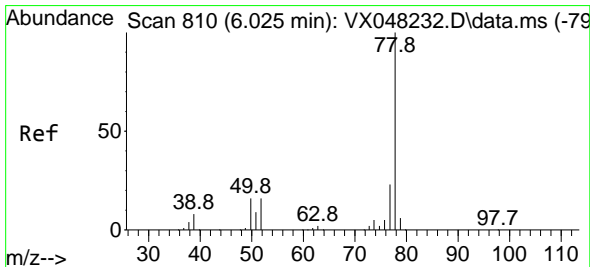
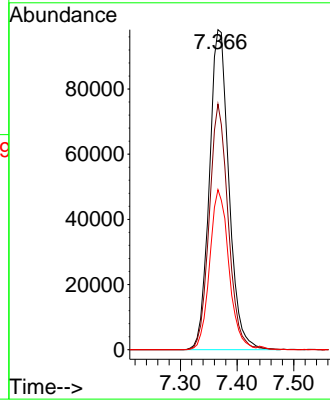
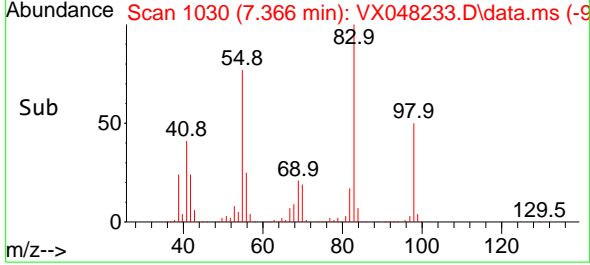
Instrument : MSVOA_X
 ClientSampleId : VSTDIC100



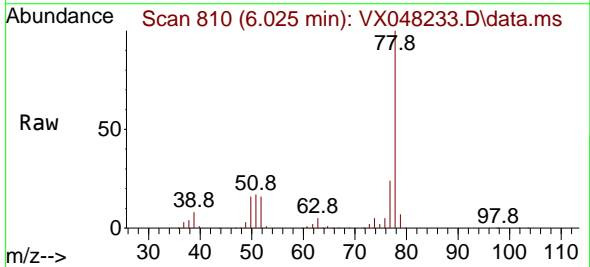
Tgt Ion: 83 Resp: 235208
 Ion Ratio Lower Upper
 83 100
 55 76.8 66.2 99.2
 98 50.0 38.9 58.3

Manual Integrations
APPROVED

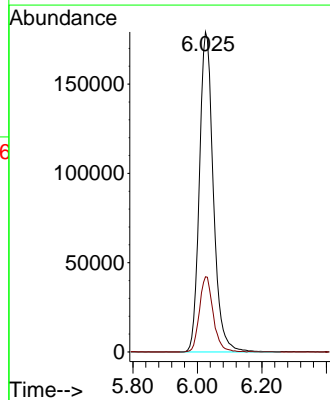
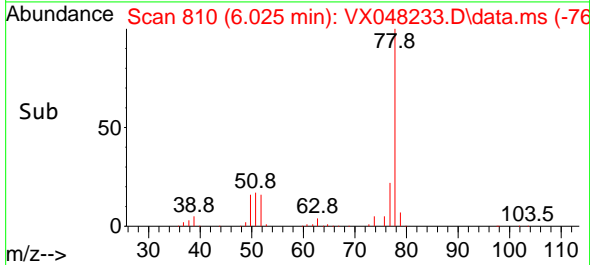
Reviewed By :John Carlone 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025

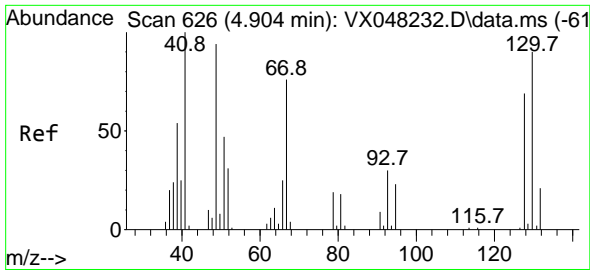


#40
 Benzene
 Concen: 98.221 ug/l
 RT: 6.025 min Scan# 810
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22



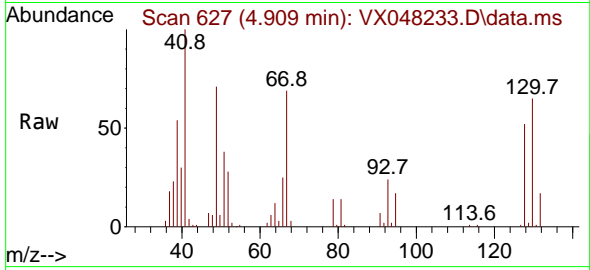
Tgt Ion: 78 Resp: 535407
 Ion Ratio Lower Upper
 78 100
 77 23.5 19.3 28.9





#41
 Methacrylonitrile
 Concen: 106.641 ug/l
 RT: 4.909 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

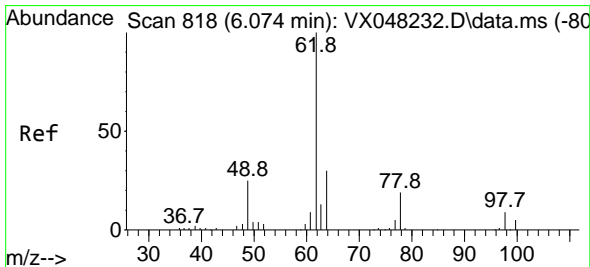
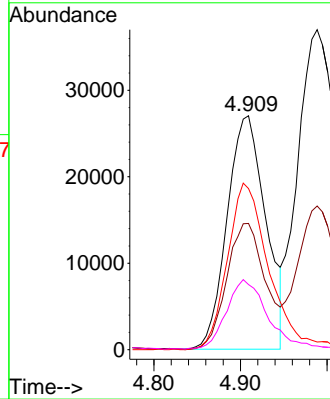
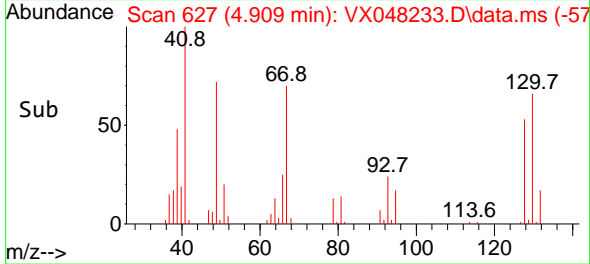
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



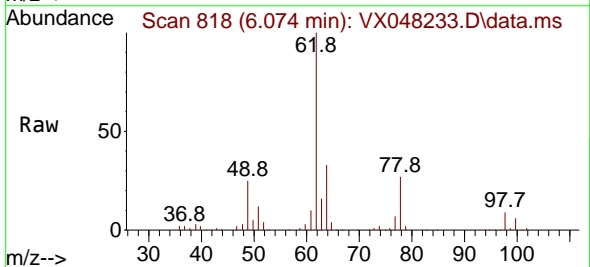
Tgt Ion: 41 Resp: 83790
 Ion Ratio Lower Upper
 41 100
 39 54.4 44.0 66.0
 67 77.7 58.7 88.1
 52 32.3 25.9 38.9

Manual Integrations
 APPROVED

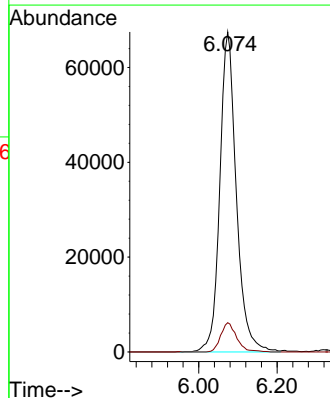
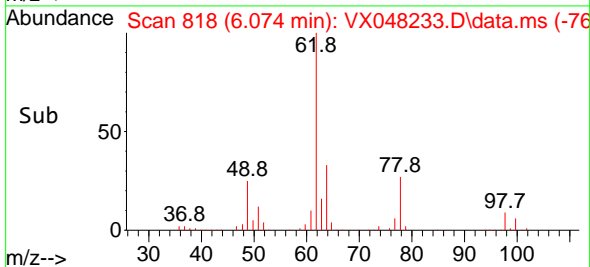
Reviewed By :John Carlone 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025

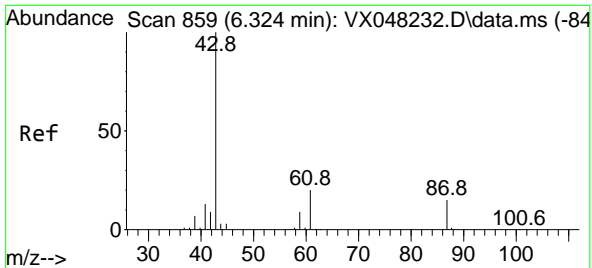


#42
 1,2-Dichloroethane
 Concen: 101.562 ug/l
 RT: 6.074 min Scan# 818
 Delta R.T. 0.006 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22



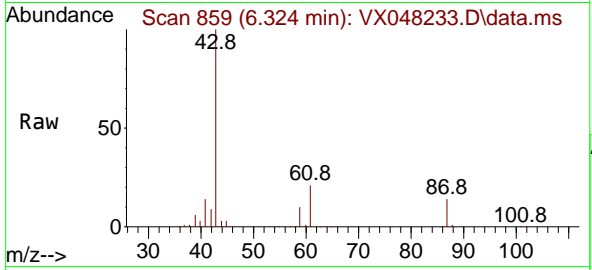
Tgt Ion: 62 Resp: 198348
 Ion Ratio Lower Upper
 62 100
 98 8.8 0.0 17.2





#43
 Isopropyl Acetate
 Concen: 103.976 ug/l
 RT: 6.324 min Scan# 859
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

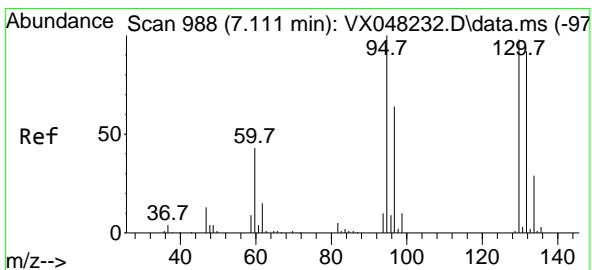
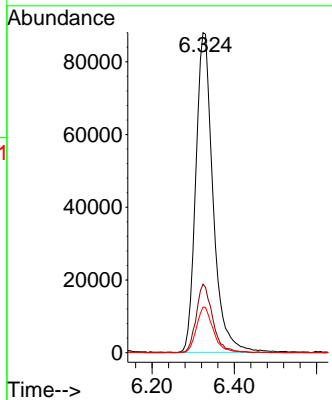
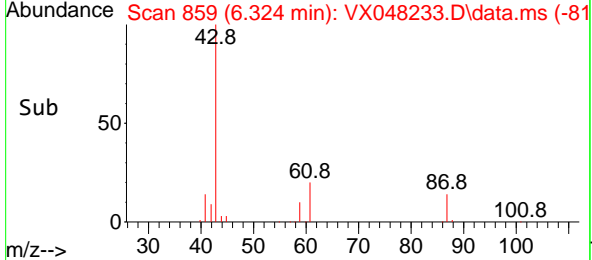
Instrument : MSVOA_X
 Client Sample Id : VSTDIC100



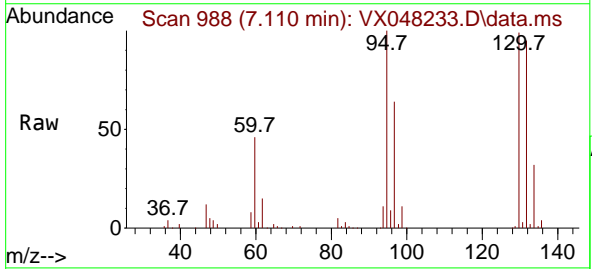
Tgt Ion: 43 Resp: 25606
 Ion Ratio Lower Upper
 43 100
 61 20.5 14.9 22.3
 87 14.0 9.4 14.2

Manual Integrations
 APPROVED

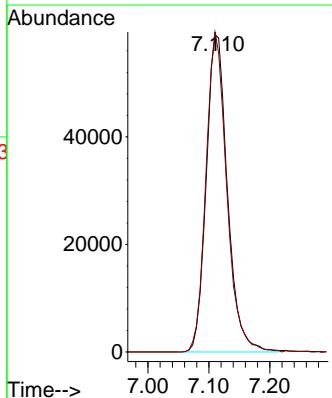
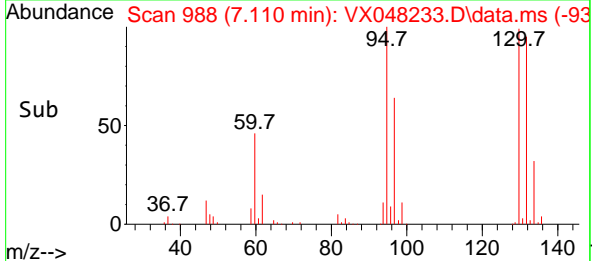
Reviewed By : John Carlone 10/21/2025
 Supervised By : Semsettin Yesilyurt 10/21/2025

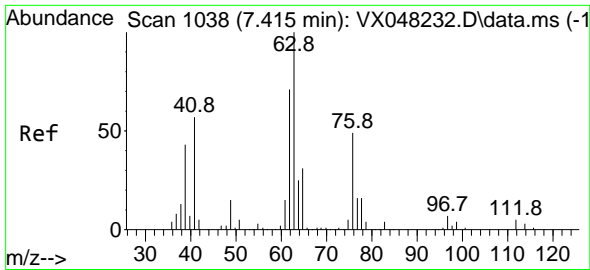


#44
 Trichloroethene
 Concen: 103.931 ug/l
 RT: 7.110 min Scan# 988
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22



Tgt Ion: 130 Resp: 142779
 Ion Ratio Lower Upper
 130 100
 95 100.8 0.0 200.6





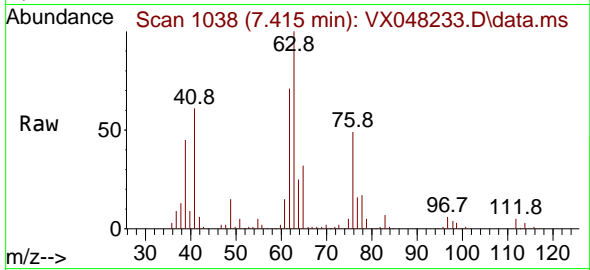
#45
 1,2-Dichloropropane
 Concen: 94.368 ug/l
 RT: 7.415 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100



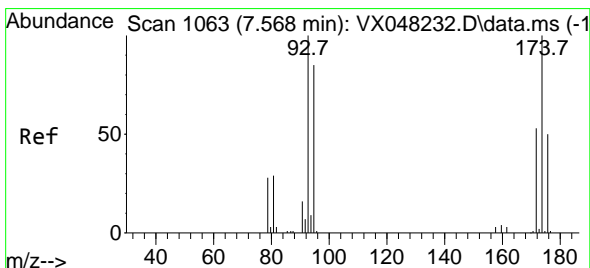
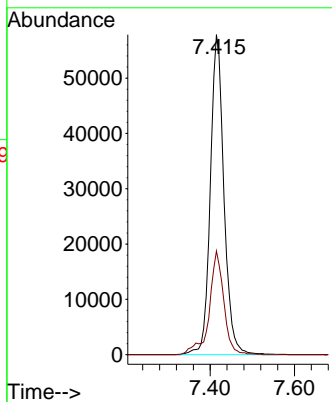
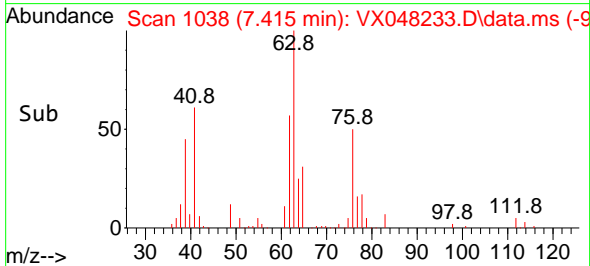
Tgt Ion: 63 Resp: 13018
 Ion Ratio Lower Upper
 63 100
 65 32.4 24.1 36.1

Manual Integrations

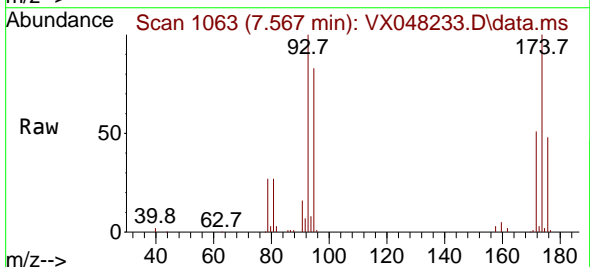
APPROVED

Reviewed By :John Carlone 10/21/2025

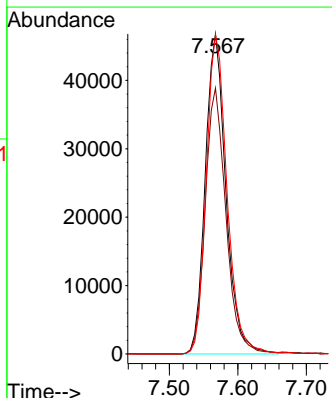
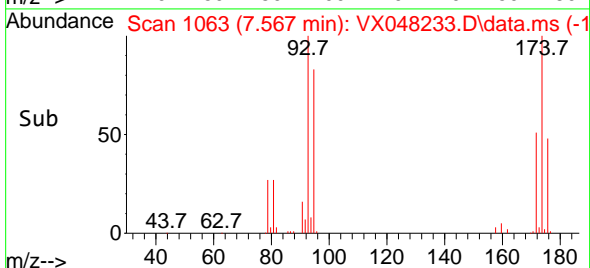
Supervised By :Semsettin Yesilyurt 10/21/2025

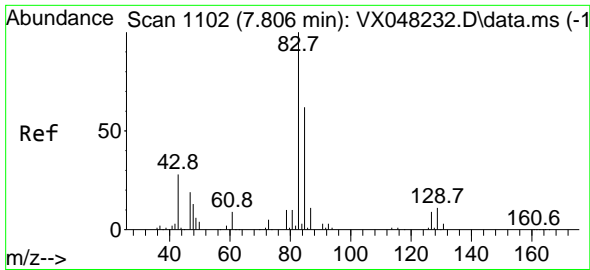


#46
 Dibromomethane
 Concen: 98.835 ug/l
 RT: 7.567 min Scan# 1063
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22



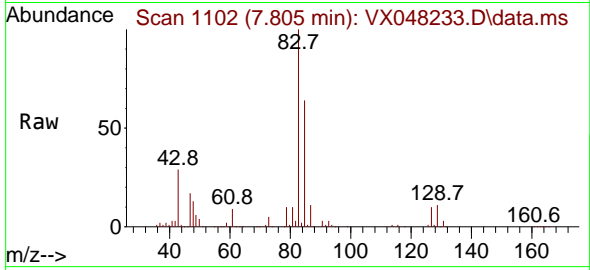
Tgt Ion: 93 Resp: 98105
 Ion Ratio Lower Upper
 93 100
 95 83.4 65.9 98.9
 174 100.3 71.7 107.5





#47
 Bromodichloromethane
 Concen: 100.358 ug/l
 RT: 7.805 min Scan# 1102
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

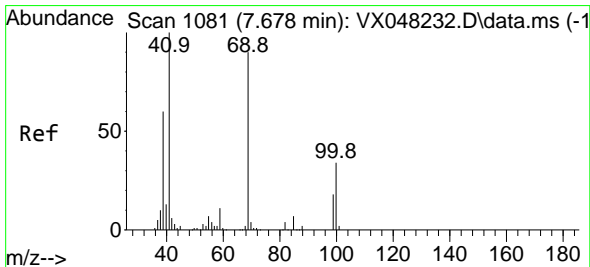
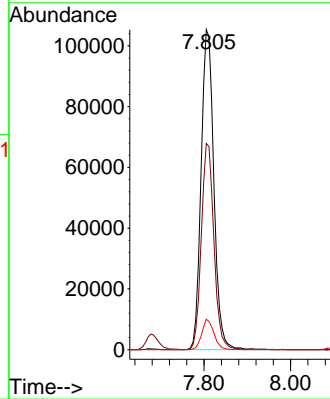
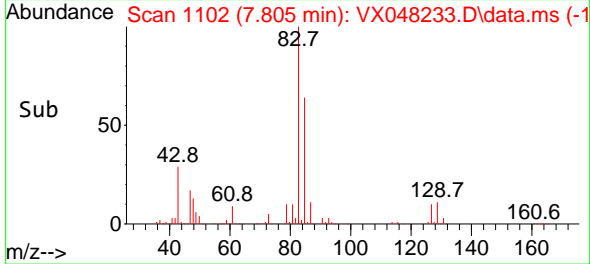
Instrument : MSVOA_X
 Client Sample Id : VSTDIC100



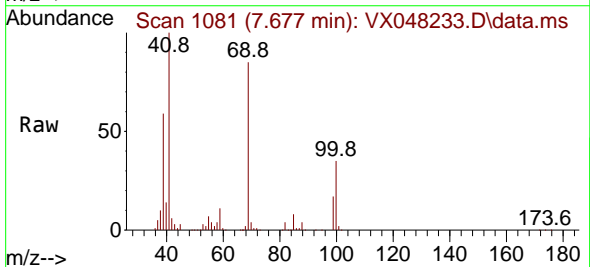
Tgt Ion: 83 Resp: 21530
 Ion Ratio Lower Upper
 83 100
 85 64.4 52.2 78.4
 127 9.5 7.3 10.9

Manual Integrations
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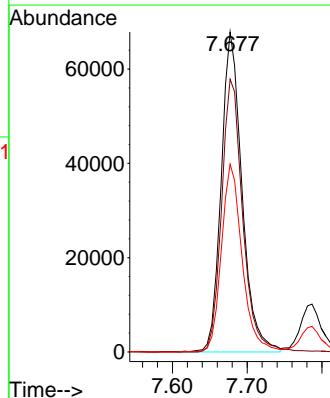
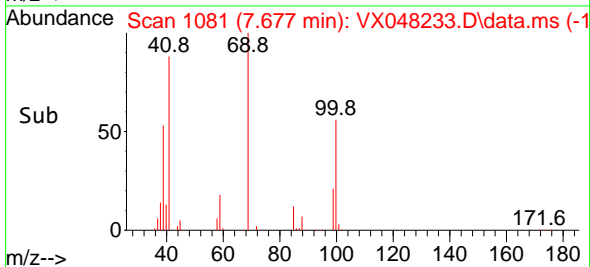
Reviewed By :John Carlone 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025

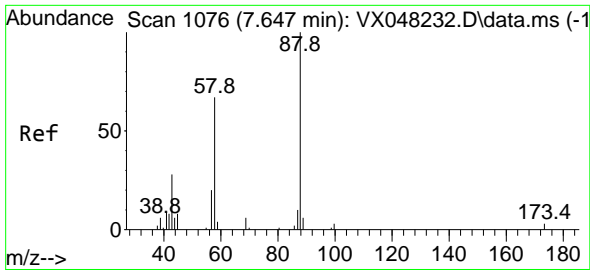


#48
 Methyl methacrylate
 Concen: 104.272 ug/l
 RT: 7.677 min Scan# 1081
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22



Tgt Ion: 41 Resp: 131454
 Ion Ratio Lower Upper
 41 100
 69 86.8 63.4 95.0
 39 58.7 47.1 70.7





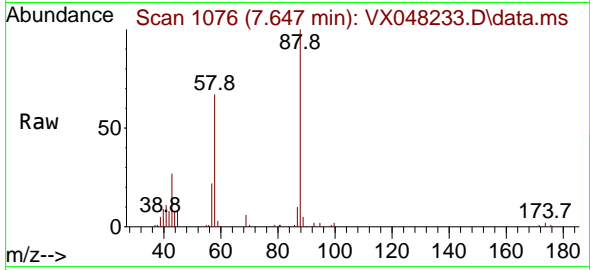
#49
 1,4-Dioxane
 Concen: 3169.845 ug/l
 RT: 7.647 min Scan# 1076
 Delta R.T. 0.006 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleID :

VSTDIC100



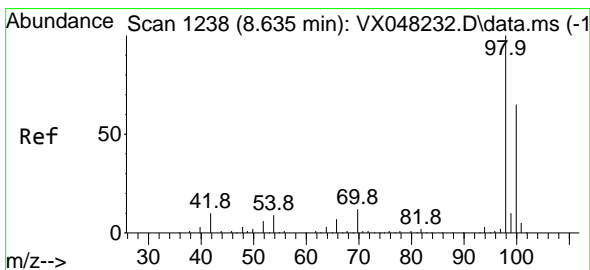
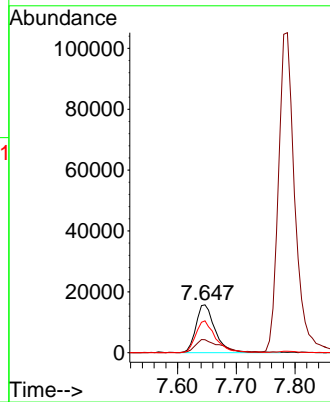
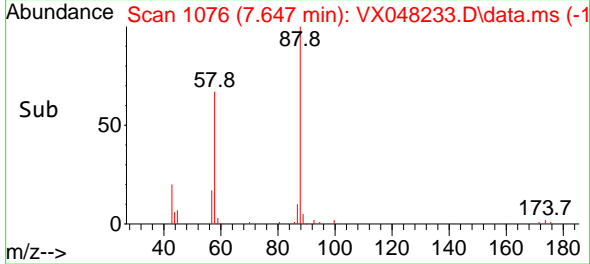
Tgt Ion: 88 Resp: 35972
 Ion Ratio Lower Upper
 88 100
 43 36.6 35.0 52.4
 58 68.4 61.9 92.9

Manual Integrations

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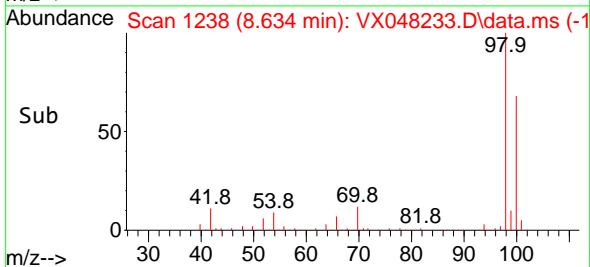
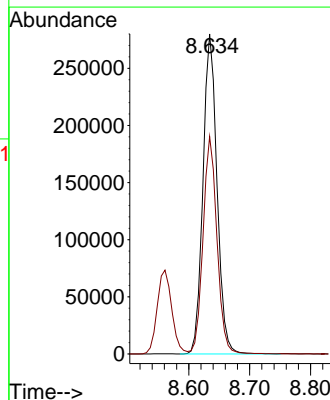
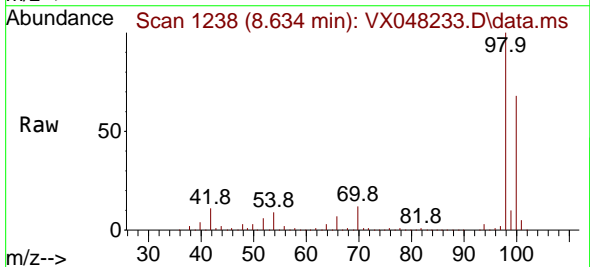
Reviewed By :John Carlone 10/21/2025

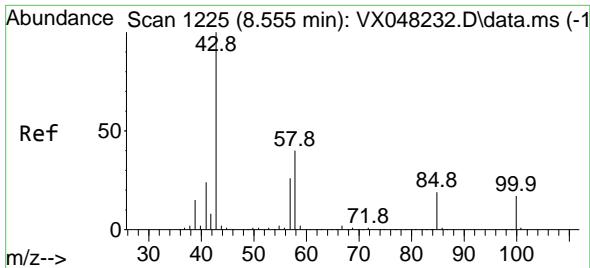
Supervised By :Semsettin Yesilyurt 10/21/2025



#50
 Toluene-d8
 Concen: 95.629 ug/l
 RT: 8.634 min Scan# 1238
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

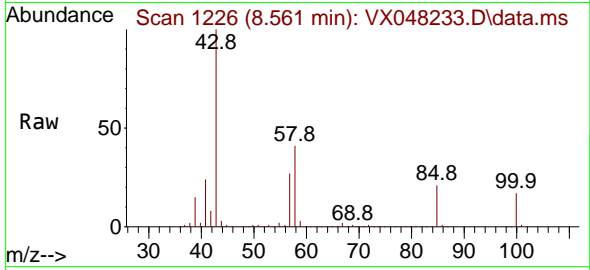
Tgt Ion: 98 Resp: 448948
 Ion Ratio Lower Upper
 98 100
 100 67.3 53.0 79.4





#51
 4-Methyl-2-Pentanone
 Concen: 526.103 ug/l
 RT: 8.561 min Scan# 1226
 Delta R.T. 0.006 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

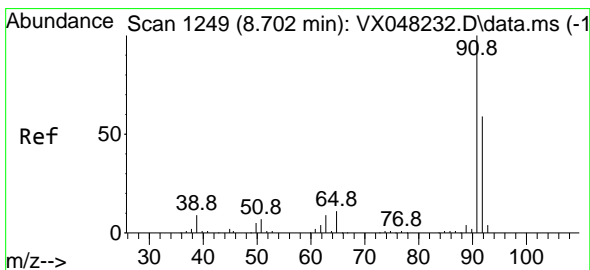
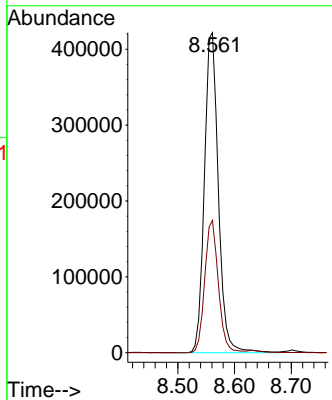
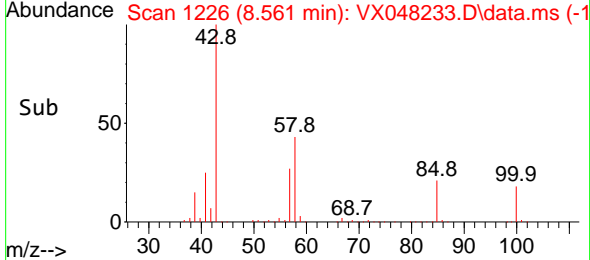
Instrument : MSVOA_X
 ClientSampleId : VSTDIC100



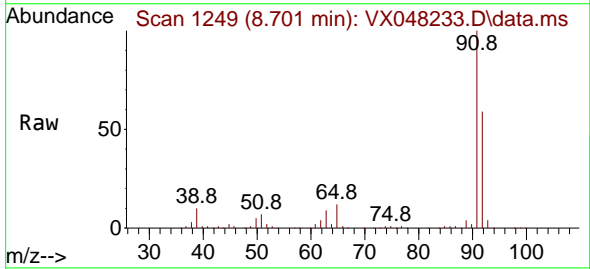
Tgt Ion: 43 Resp: 720980
 Ion Ratio Lower Upper
 43 100
 58 40.4 29.5 44.3

Manual Integrations
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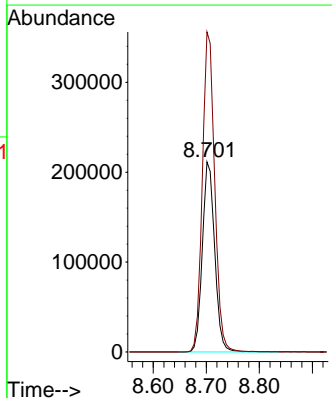
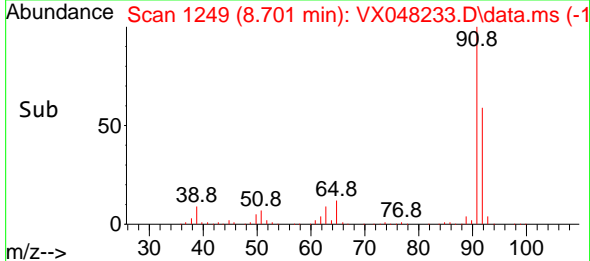
Reviewed By :John Carlone 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025

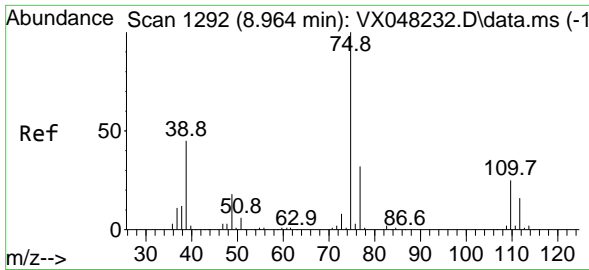


#52
 Toluene
 Concen: 104.263 ug/l
 RT: 8.701 min Scan# 1249
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22



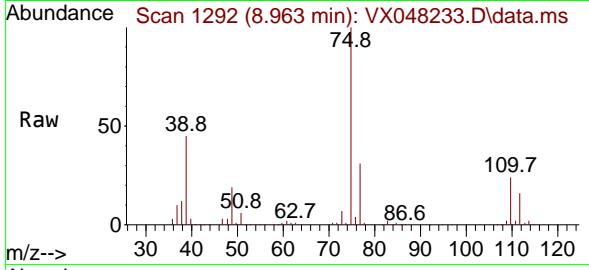
Tgt Ion: 92 Resp: 341597
 Ion Ratio Lower Upper
 92 100
 91 168.2 136.1 204.1





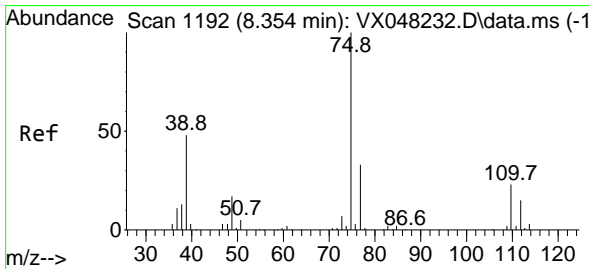
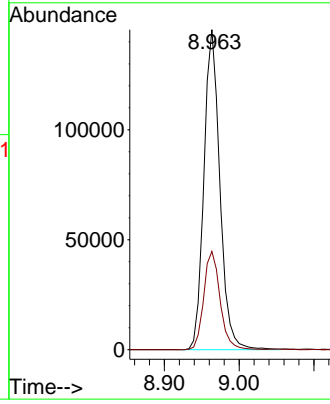
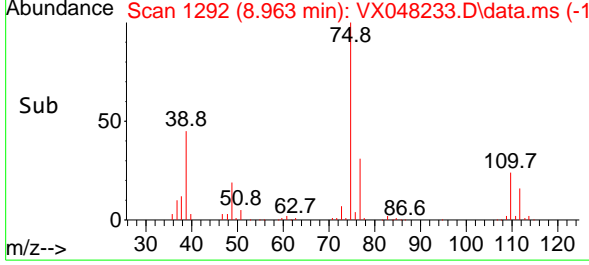
#53
 t-1,3-Dichloropropene
 Concen: 107.341 ug/l
 RT: 8.963 min Scan# 1192
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

Instrument : MSVOA_X
 ClientSampleId : VSTDICC100

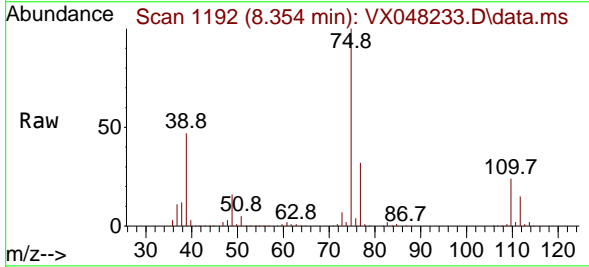


Tgt Ion: 75 Resp: 215730
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.0 37.6

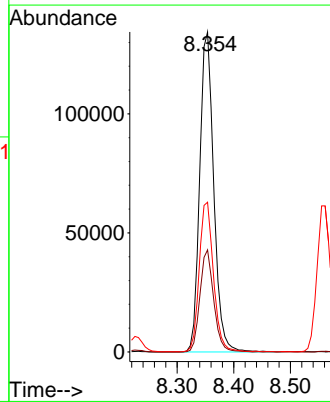
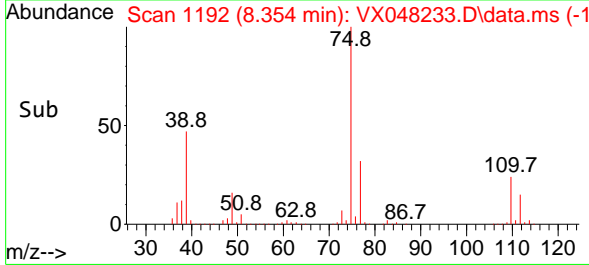
Manual Integrations
APPROVED
 Reviewed By :John Carlone 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025

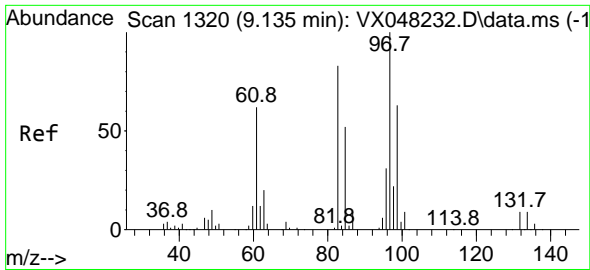


#54
 cis-1,3-Dichloropropene
 Concen: 105.465 ug/l
 RT: 8.354 min Scan# 1192
 Delta R.T. 0.006 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22



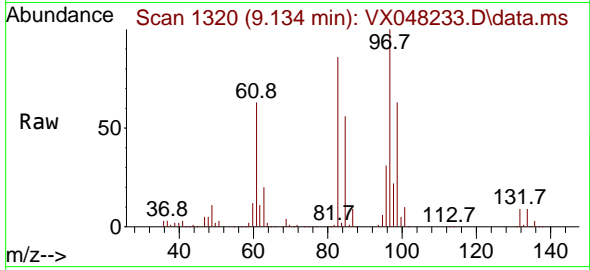
Tgt Ion: 75 Resp: 231037
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.9 37.3
 39 46.7 42.6 64.0





#55
 1,1,2-Trichloroethane
 Concen: 102.180 ug/l
 RT: 9.134 min Scan# 1320
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

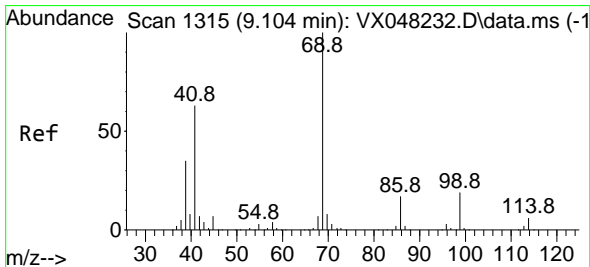
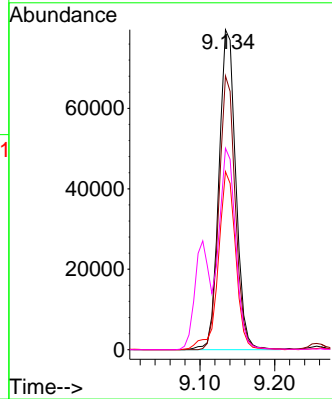
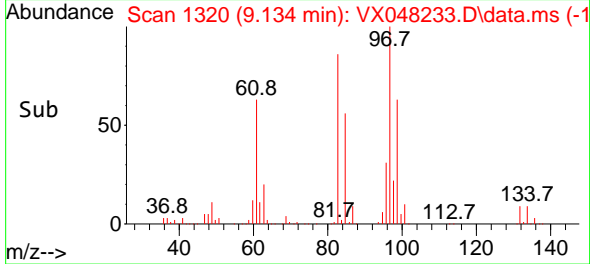
Instrument : MSVOA_X
 ClientSampleId : VSTDIC100



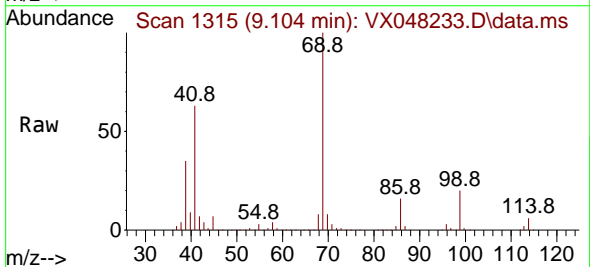
Tgt Ion: 97 Resp: 124910
 Ion Ratio Lower Upper
 97 100
 83 85.5 70.6 105.8
 85 55.7 45.0 67.6
 99 62.8 50.9 76.3

Manual Integrations
APPROVED

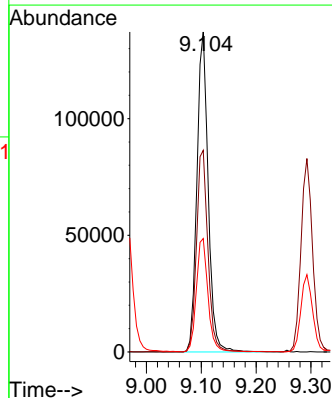
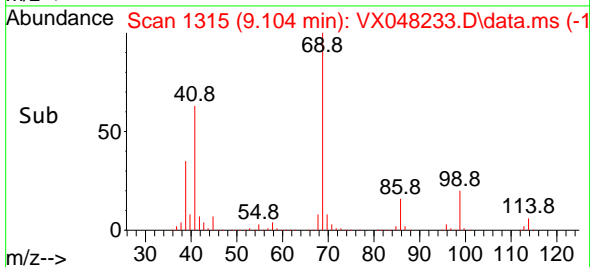
Reviewed By :John Carlone 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025

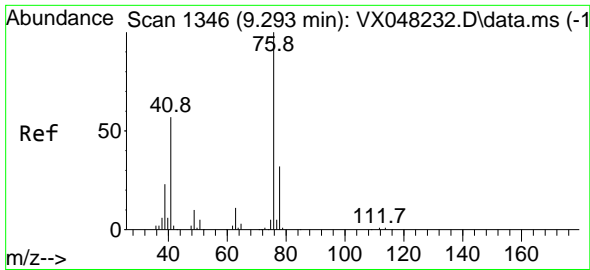


#56
 Ethyl methacrylate
 Concen: 118.305 ug/l
 RT: 9.104 min Scan# 1315
 Delta R.T. 0.006 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22



Tgt Ion: 69 Resp: 196699
 Ion Ratio Lower Upper
 69 100
 41 64.0 56.0 84.0
 39 36.7 31.6 47.4





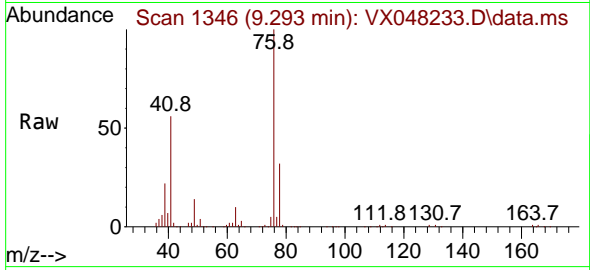
#57
 1,3-Dichloropropane
 Concen: 100.598 ug/l
 RT: 9.293 min Scan# 1346
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100



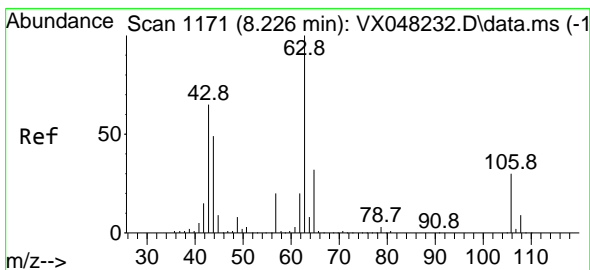
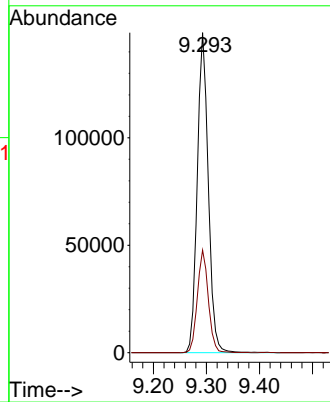
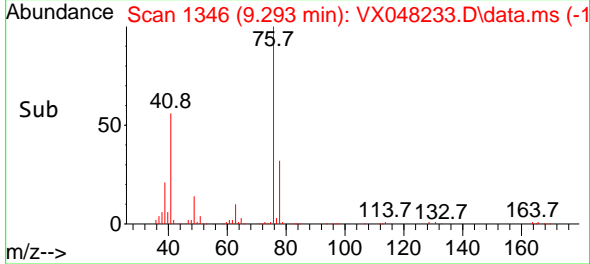
Tgt Ion: 76 Resp: 21485
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.4 38.0

Manual Integrations

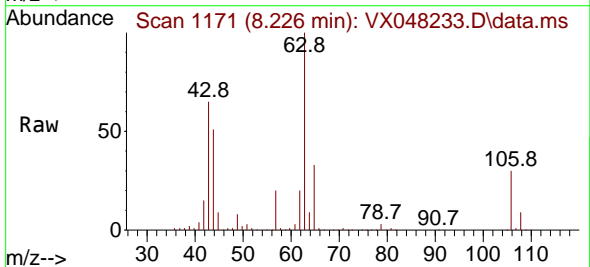
APPROVED

Reviewed By :John Carlone 10/21/2025

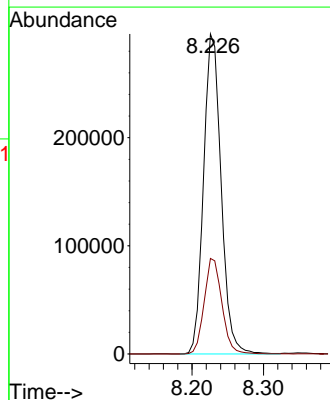
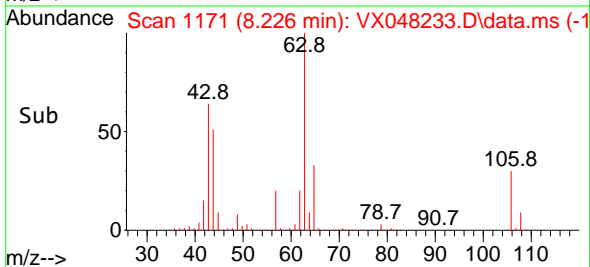
Supervised By :Semsettin Yesilyurt 10/21/2025

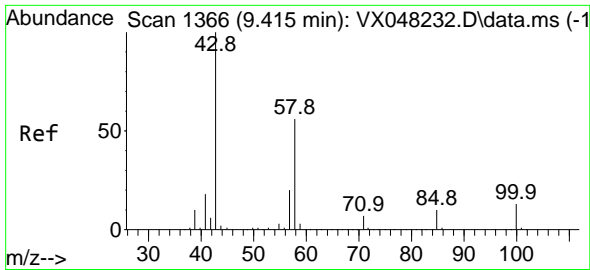


#58
 2-Chloroethyl Vinyl ether
 Concen: 592.044 ug/l
 RT: 8.226 min Scan# 1171
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22



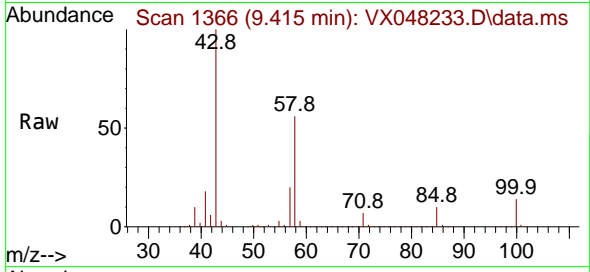
Tgt Ion: 63 Resp: 505448
 Ion Ratio Lower Upper
 63 100
 106 30.0 22.2 33.2





#59
 2-Hexanone
 Concen: 531.416 ug/l
 RT: 9.415 min Scan# 1366
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

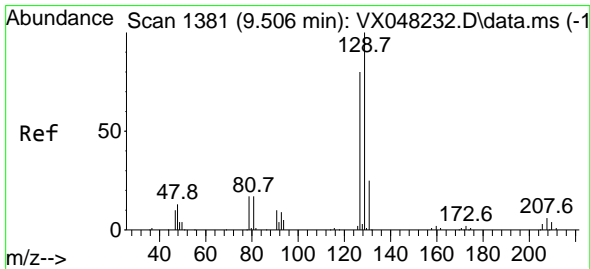
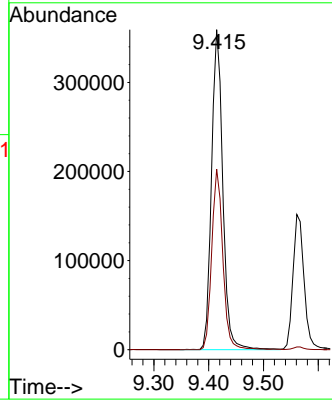
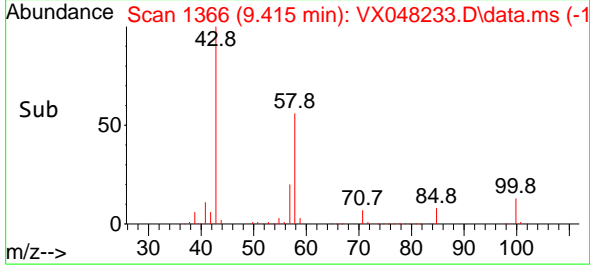
Instrument : MSVOA_X
 ClientSampleId : VSTDIC100



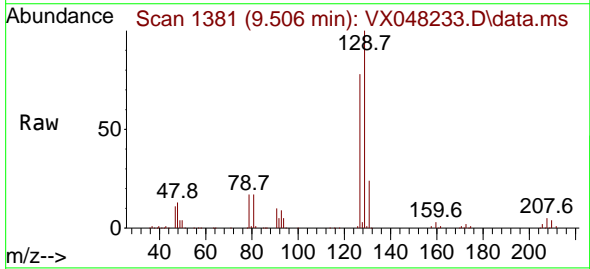
Tgt Ion: 43 Resp: 509398
 Ion Ratio Lower Upper
 43 100
 58 55.8 26.3 78.8

Manual Integrations
 APPROVED

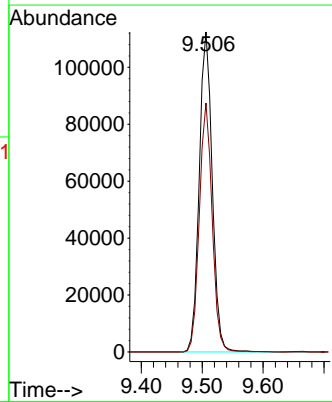
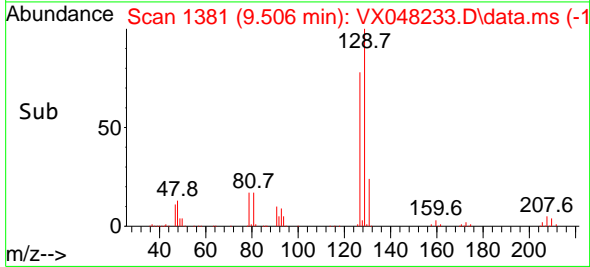
Reviewed By :John Carlone 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025

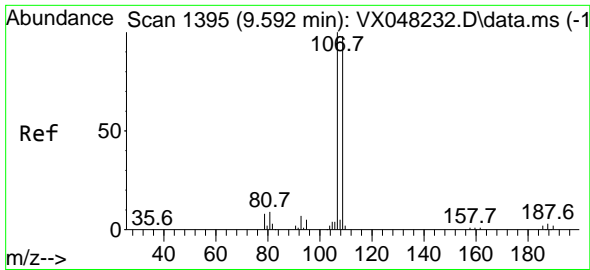


#60
 Dibromochloromethane
 Concen: 108.598 ug/l
 RT: 9.506 min Scan# 1381
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22



Tgt Ion:129 Resp: 166167
 Ion Ratio Lower Upper
 129 100
 127 76.9 38.6 115.7





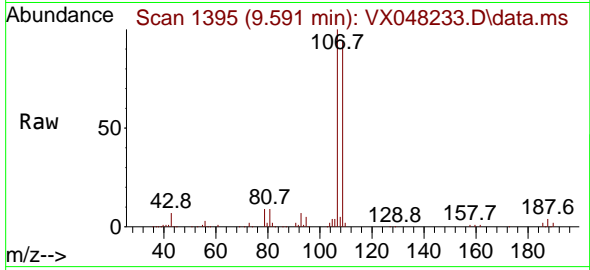
#61
 1,2-Dibromoethane
 Concen: 107.431 ug/l
 RT: 9.591 min Scan# 1395
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100



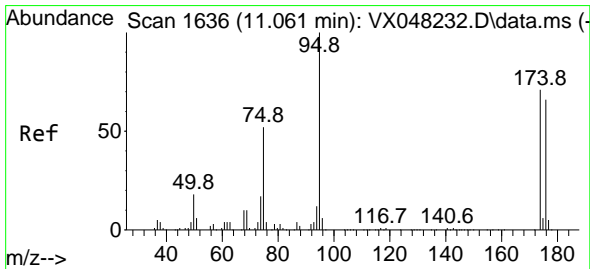
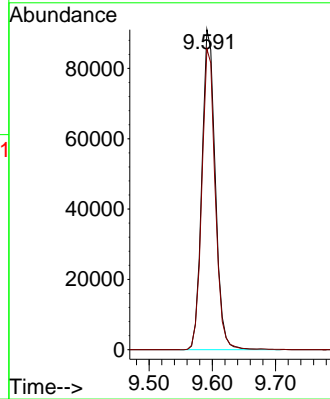
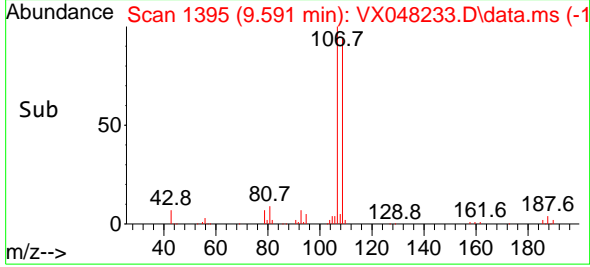
Tgt Ion:107 Resp: 13466
 Ion Ratio Lower Upper
 107 100
 109 93.7 77.0 115.4

Manual Integrations

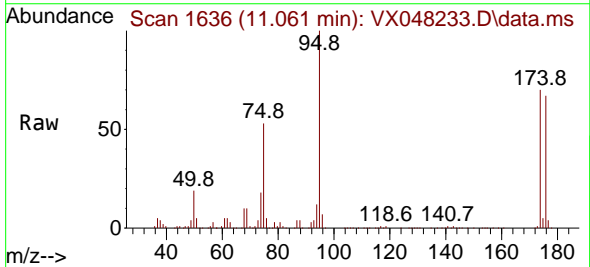
APPROVED

Reviewed By :John Carlone 10/21/2025

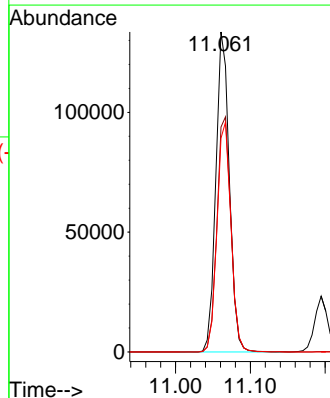
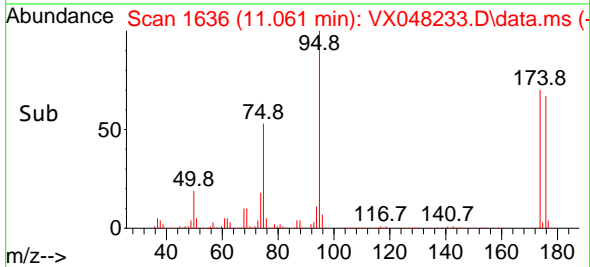
Supervised By :Semsettin Yesilyurt 10/21/2025

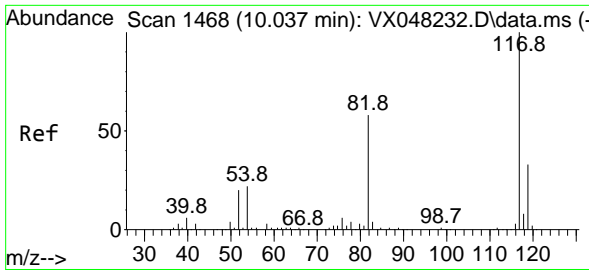


#62
 4-Bromofluorobenzene
 Concen: 97.996 ug/l
 RT: 11.061 min Scan# 1636
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22



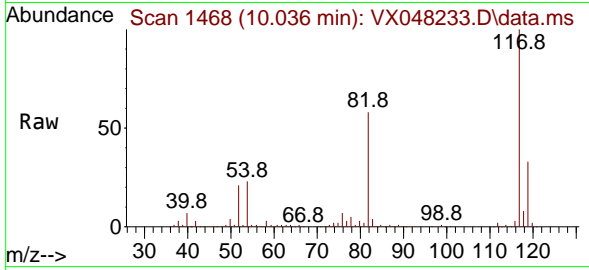
Tgt Ion: 95 Resp: 167565
 Ion Ratio Lower Upper
 95 100
 174 76.3 0.0 147.8
 176 74.1 0.0 142.8





#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.036 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

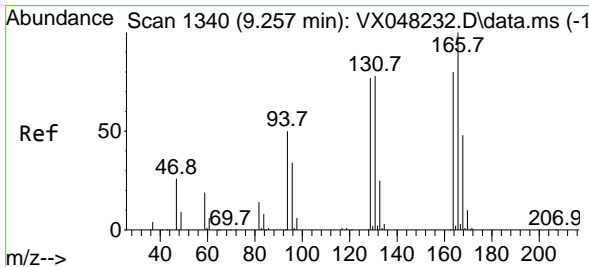
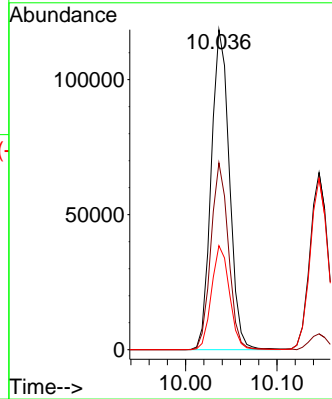
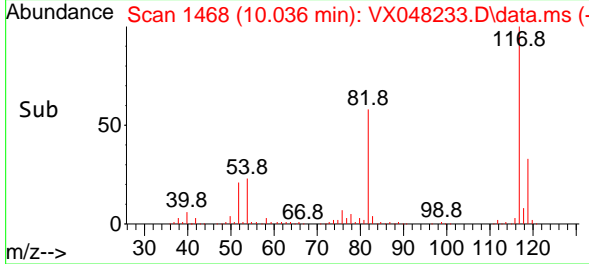
Instrument : MSVOA_X
 ClientSampleId : VSTDIC100



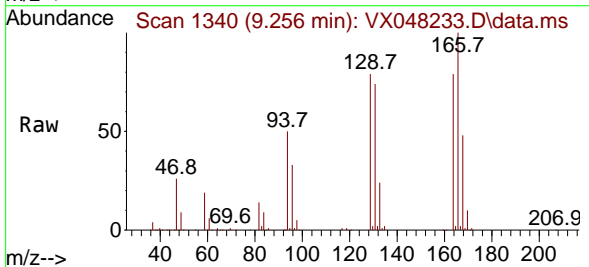
Tgt Ion:117 Resp: 163588
 Ion Ratio Lower Upper
 117 100
 82 58.4 46.5 69.7
 119 32.5 25.9 38.9

Manual Integrations
 APPROVED

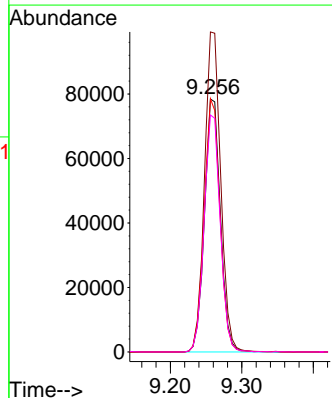
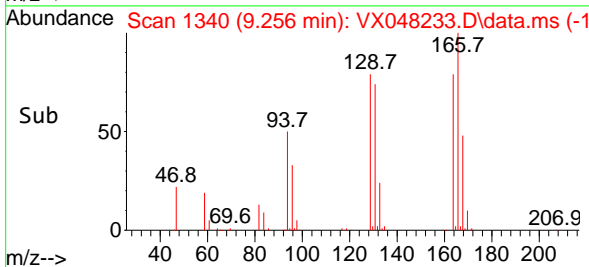
Reviewed By :John Carlone 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025

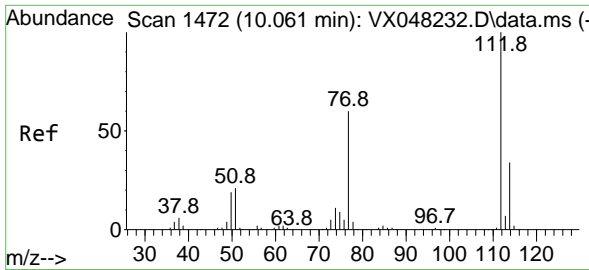


#64
 Tetrachloroethene
 Concen: 105.633 ug/l
 RT: 9.256 min Scan# 1340
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22



Tgt Ion:164 Resp: 121163
 Ion Ratio Lower Upper
 164 100
 166 126.5 104.5 156.7
 129 100.1 81.8 122.6
 131 93.6 77.0 115.6





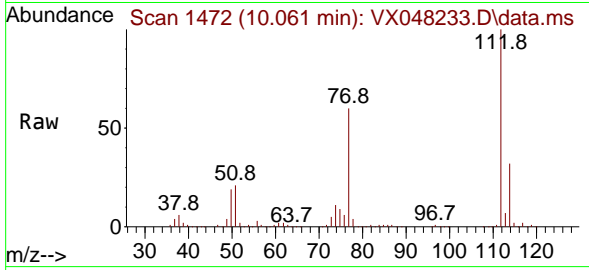
#65
 Chlorobenzene
 Concen: 104.990 ug/l
 RT: 10.061 min Scan# 1472
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100



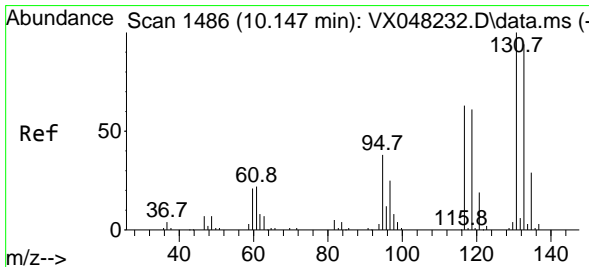
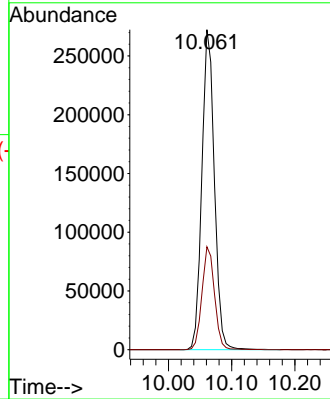
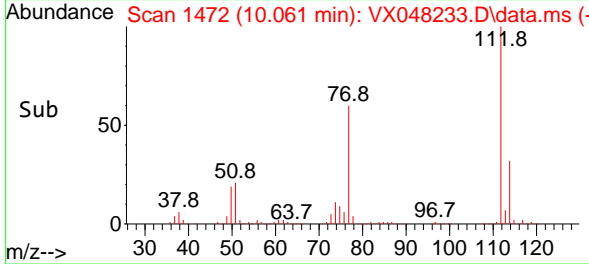
Tgt Ion:112 Resp: 37553
 Ion Ratio Lower Upper
 112 100
 114 32.1 26.2 39.2

Manual Integrations

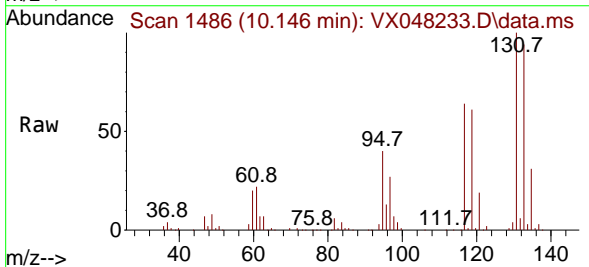
APPROVED

Reviewed By :John Carlone 10/21/2025

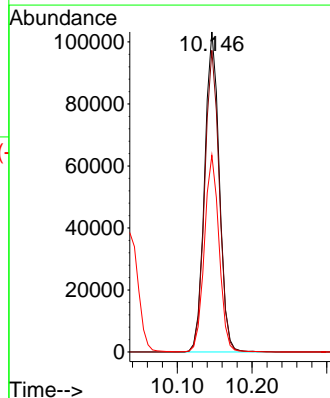
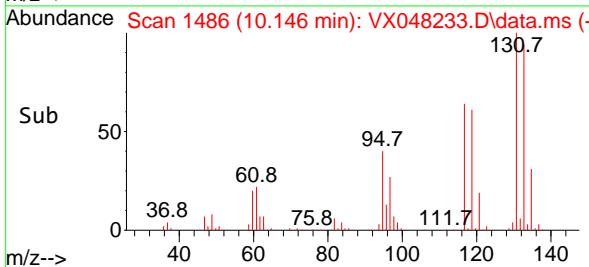
Supervised By :Semsettin Yesilyurt 10/21/2025

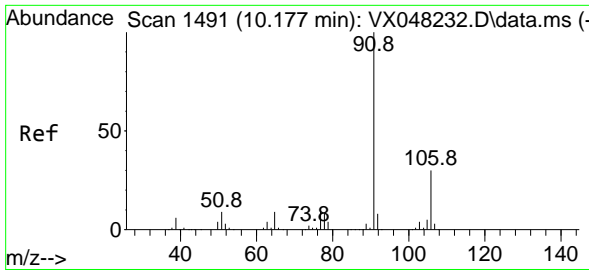


#66
 1,1,1,2-Tetrachloroethane
 Concen: 109.080 ug/l
 RT: 10.146 min Scan# 1486
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22



Tgt Ion:131 Resp: 140599
 Ion Ratio Lower Upper
 131 100
 133 93.7 47.6 142.8
 119 61.6 32.5 97.5





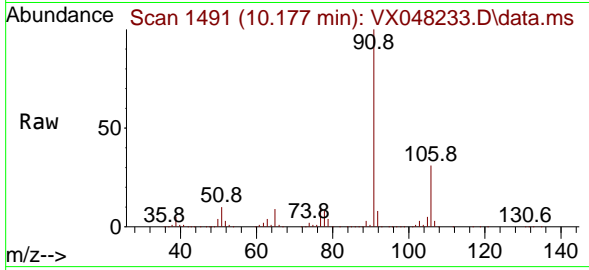
#67
 Ethyl Benzene
 Concen: 107.128 ug/l
 RT: 10.177 min Scan# 1491
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100



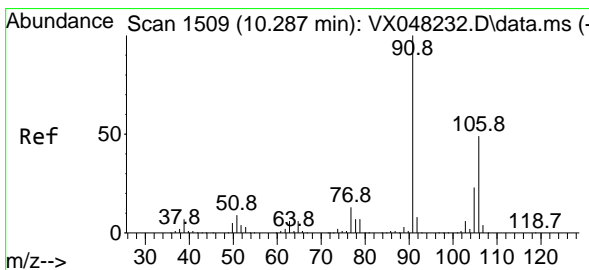
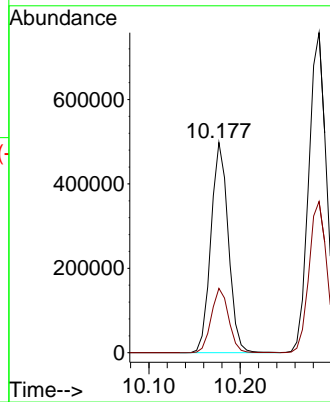
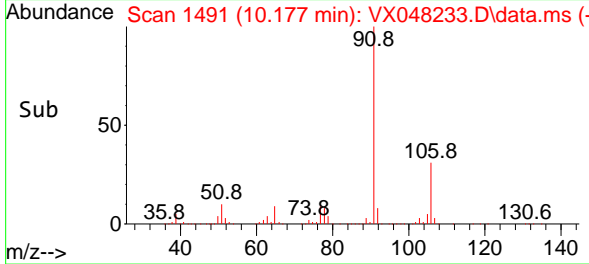
Tgt Ion: 91 Resp: 65692
 Ion Ratio Lower Upper
 91 100
 106 30.6 23.8 35.6

Manual Integrations

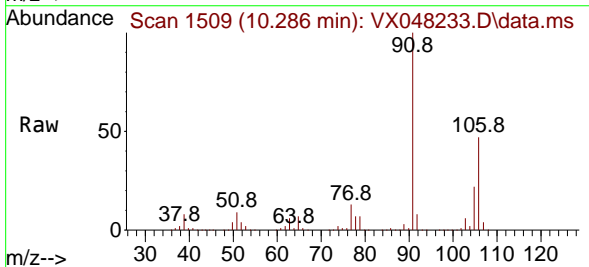
APPROVED

Reviewed By :John Carlone 10/21/2025

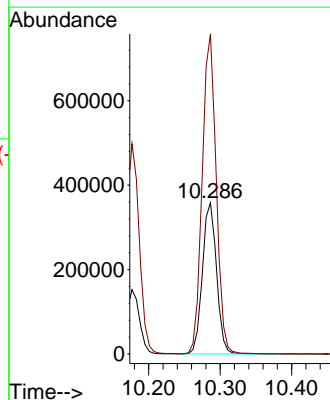
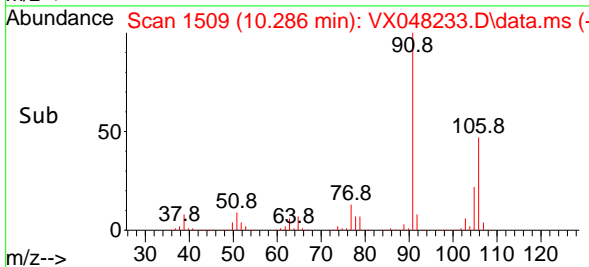
Supervised By :Semsettin Yesilyurt 10/21/2025

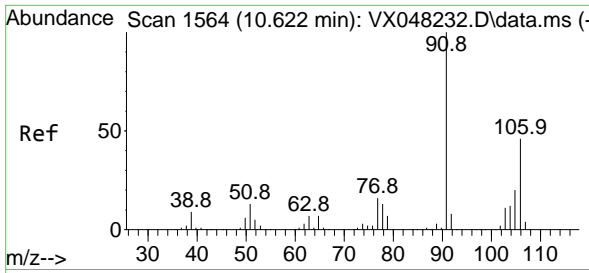


#68
 m/p-Xylenes
 Concen: 214.875 ug/l
 RT: 10.286 min Scan# 1509
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22



Tgt Ion:106 Resp: 490879
 Ion Ratio Lower Upper
 106 100
 91 210.5 167.9 251.9





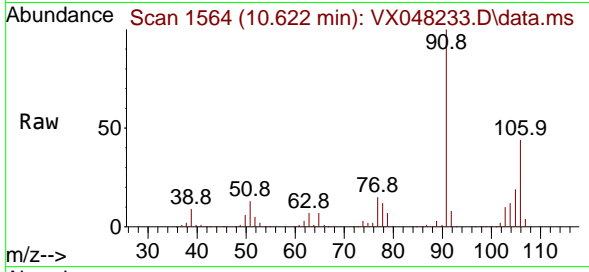
#69
 o-Xylene
 Concen: 110.042 ug/l
 RT: 10.622 min Scan# 1564
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100



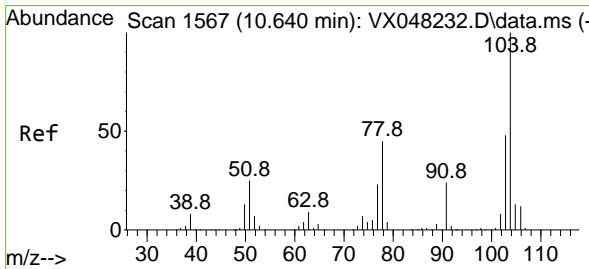
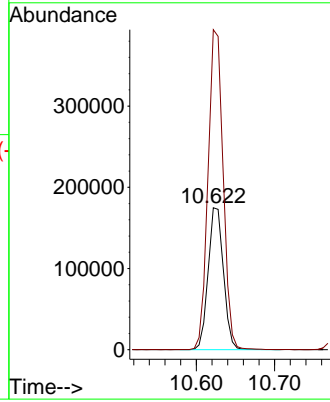
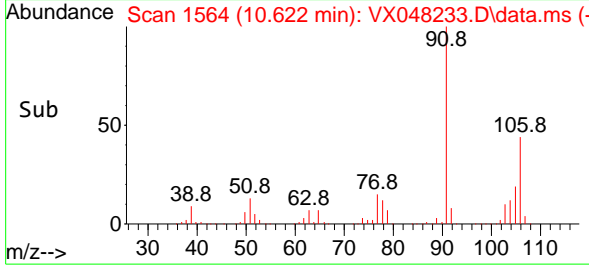
Tgt Ion:106 Resp: 236648
 Ion Ratio Lower Upper
 106 100
 91 222.9 111.3 333.9

Manual Integrations

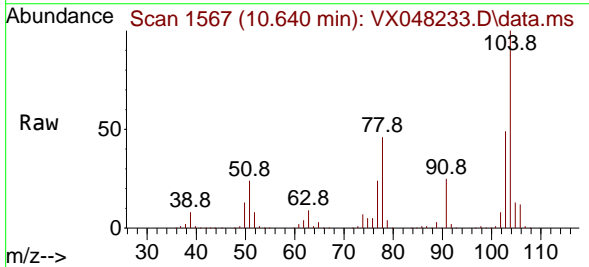
APPROVED

Reviewed By :John Carlone 10/21/2025

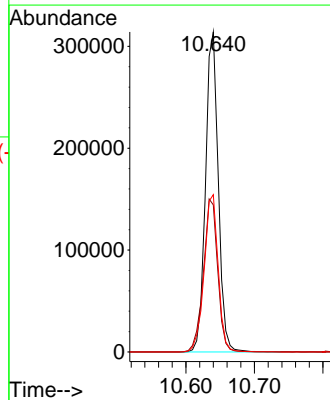
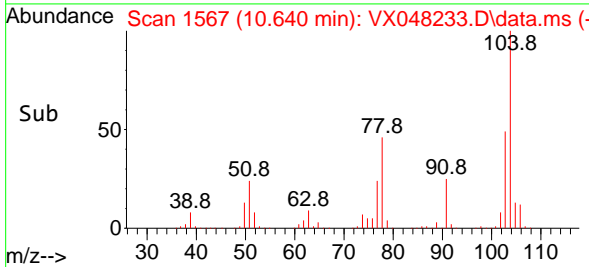
Supervised By :Semsettin Yesilyurt 10/21/2025

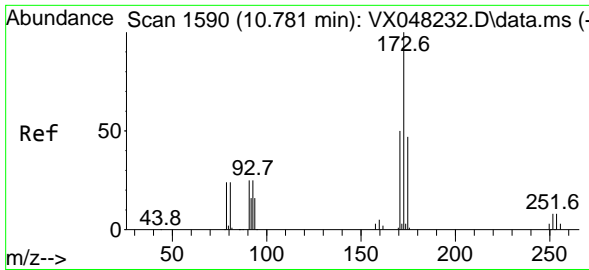


#70
 Styrene
 Concen: 110.197 ug/l
 RT: 10.640 min Scan# 1567
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22



Tgt Ion:104 Resp: 407916
 Ion Ratio Lower Upper
 104 100
 78 53.6 42.2 63.4
 103 54.0 43.0 64.4





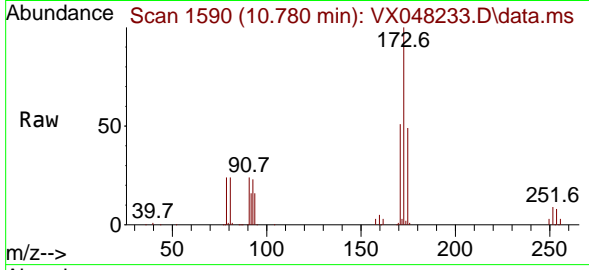
#71
 Bromoform
 Concen: 115.806 ug/l
 RT: 10.780 min Scan# 1590
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

Client Sample Id :

VSTDICC100

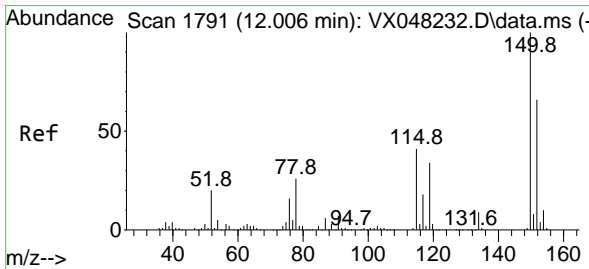
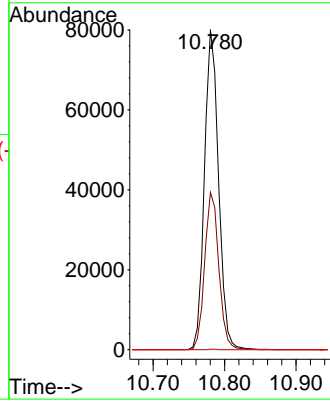
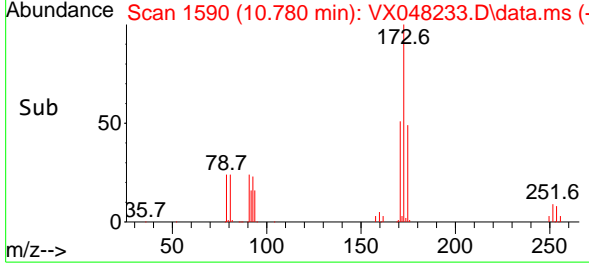


Tgt Ion: 173 Resp: 10961
 Ion Ratio Lower Upper
 173 100
 175 49.4 24.0 72.0
 254 0.1 0.0 0.0

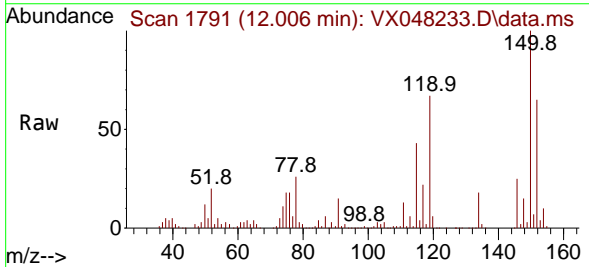
Manual Integrations

APPROVED

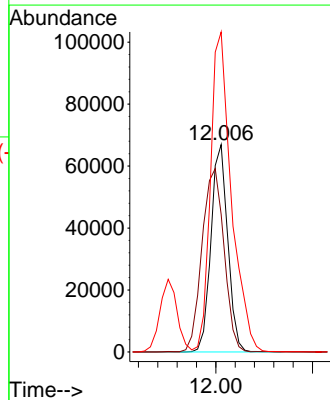
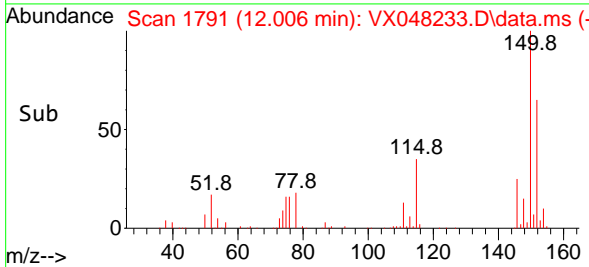
Reviewed By : John Carlone 10/21/2025
 Supervised By : Semsettin Yesilyurt 10/21/2025

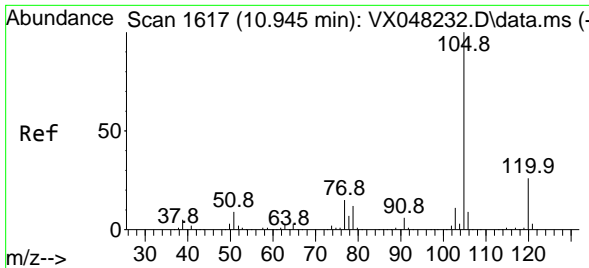


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22



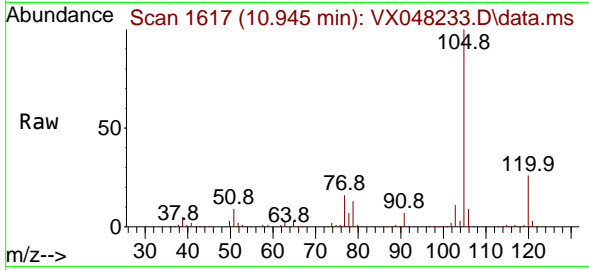
Tgt Ion: 152 Resp: 80621
 Ion Ratio Lower Upper
 152 100
 115 116.4 43.1 129.4
 150 192.6 0.0 353.0





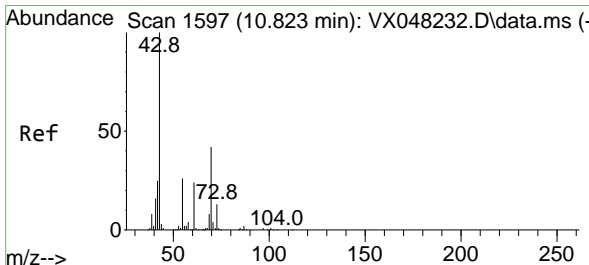
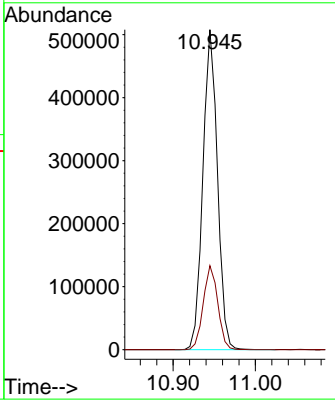
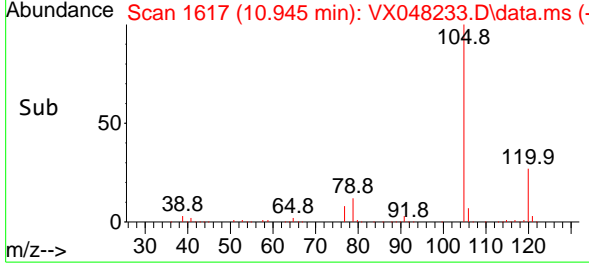
#73
 Isopropylbenzene
 Concen: 111.418 ug/l
 RT: 10.945 min Scan# 1617
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

Instrument : MSVOA_X
 ClientSampleId : VSTDIC100

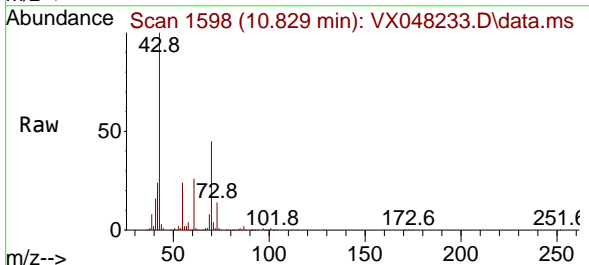


Tgt Ion: 105 Resp: 62476
 Ion Ratio Lower Upper
 105 100
 120 26.2 13.0 38.9

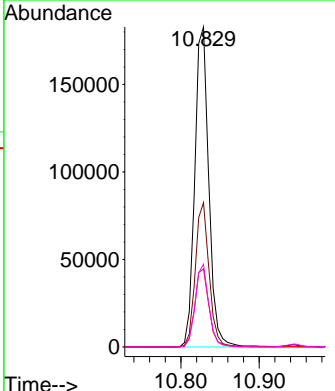
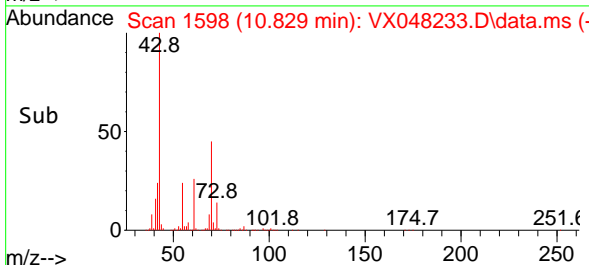
Manual Integrations
APPROVED
 Reviewed By : John Carlone 10/21/2025
 Supervised By : Semsettin Yesilyurt 10/21/2025

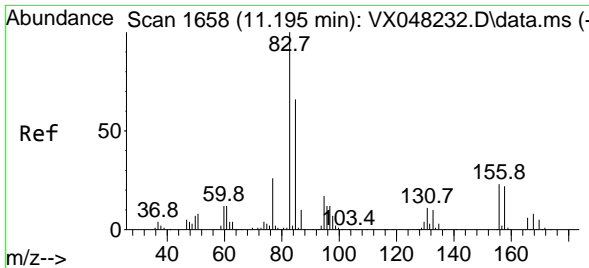


#74
 N-ethyl acetate
 Concen: 109.030 ug/l
 RT: 10.829 min Scan# 1598
 Delta R.T. 0.006 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22



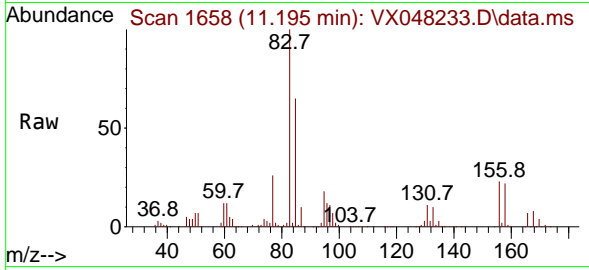
Tgt Ion: 43 Resp: 228080
 Ion Ratio Lower Upper
 43 100
 70 44.4 32.2 48.2
 55 24.8 19.1 28.7
 61 25.0 18.6 28.0





#75
 1,1,2,2-Tetrachloroethane
 Concen: 103.367 ug/l
 RT: 11.195 min Scan# 1658
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

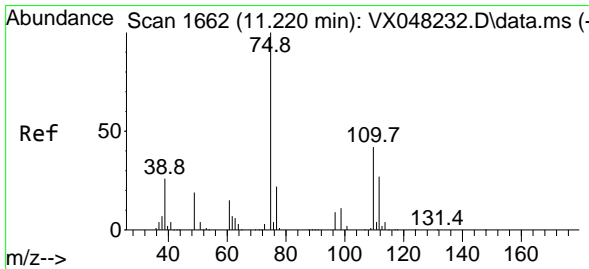
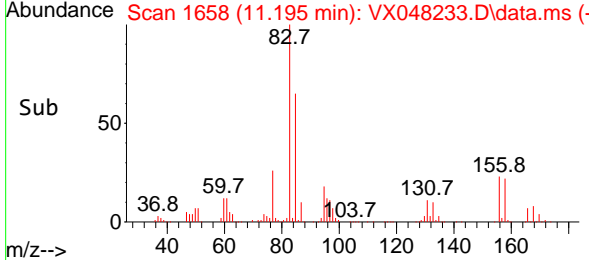
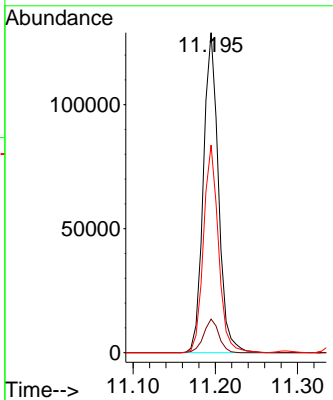
Instrument :
 MSVOA_X
ClientSampleId :
 VSTDIC100



Tgt Ion: 83 Resp: 16420

Ion	Ratio	Lower	Upper
83	100		
131	10.6	4.8	14.4
85	64.4	31.9	95.7

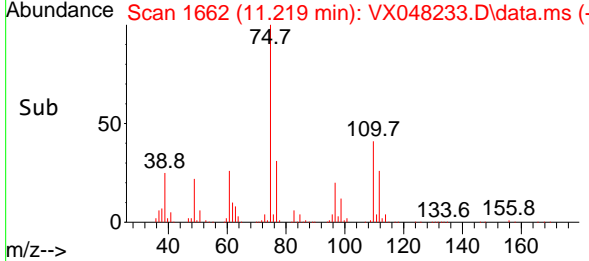
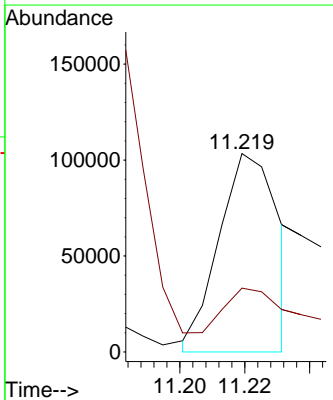
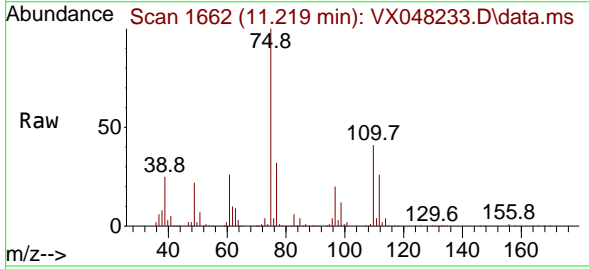
Manual Integrations
APPROVED
 Reviewed By :John Carlone 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025

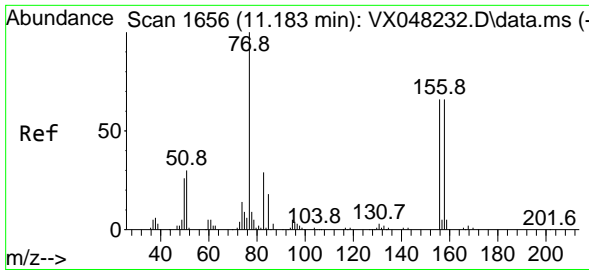


#76
 1,2,3-Trichloropropane
 Concen: 106.083 ug/l m
 RT: 11.219 min Scan# 1662
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

Tgt Ion: 75 Resp: 130599

Ion	Ratio	Lower	Upper
75	100		
77	45.0	22.4	67.2





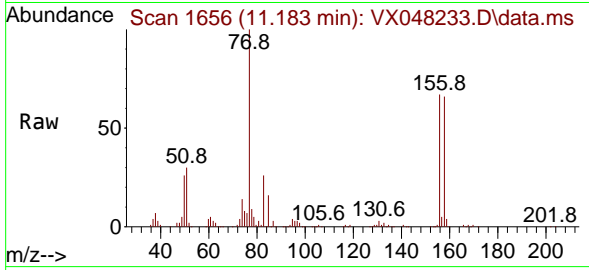
#77
 Bromobenzene
 Concen: 109.475 ug/l
 RT: 11.183 min Scan# 1656
 Delta R.T. 0.006 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

Client Sample Id :

VSTDIC100



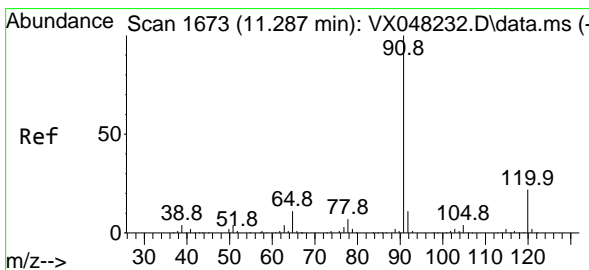
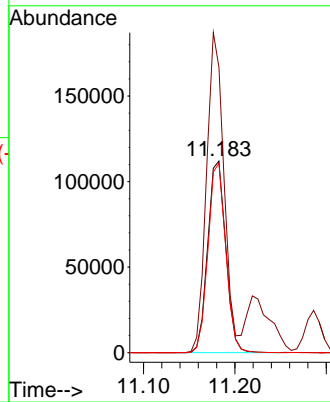
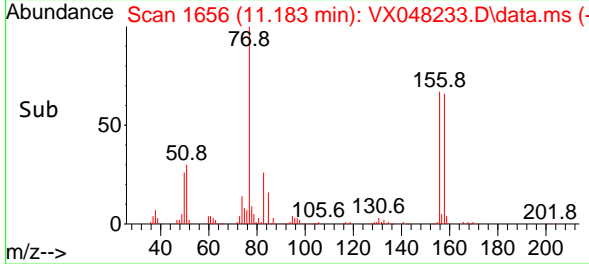
Tgt Ion: 156 Resp: 153619
 Ion Ratio Lower Upper
 156 100
 77 159.4 87.0 261.0
 158 96.9 47.8 143.4

Manual Integrations

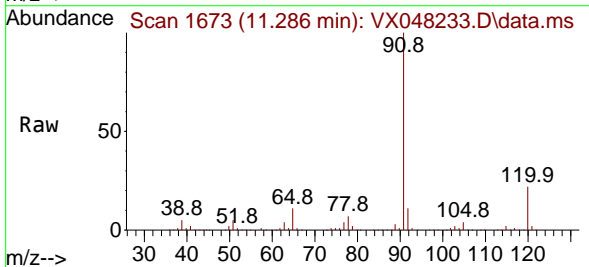
APPROVED

Reviewed By : John Carlone 10/21/2025

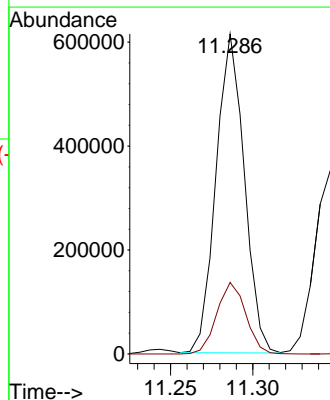
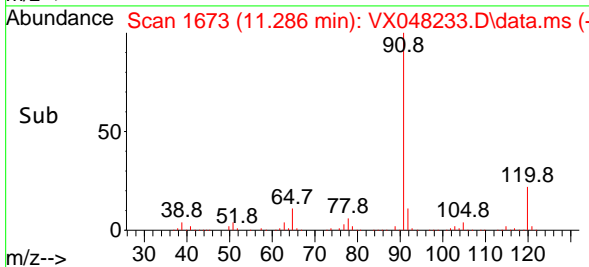
Supervised By : Semsettin Yesilyurt 10/21/2025

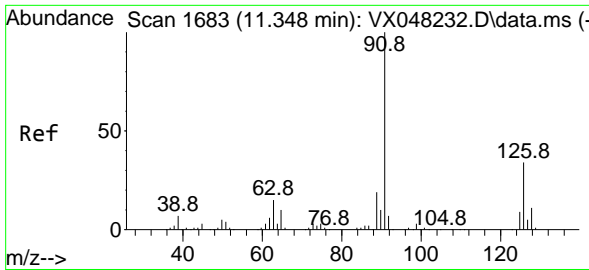


#78
 n-propylbenzene
 Concen: 107.747 ug/l
 RT: 11.286 min Scan# 1673
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22



Tgt Ion: 91 Resp: 732684
 Ion Ratio Lower Upper
 91 100
 120 23.0 11.1 33.1





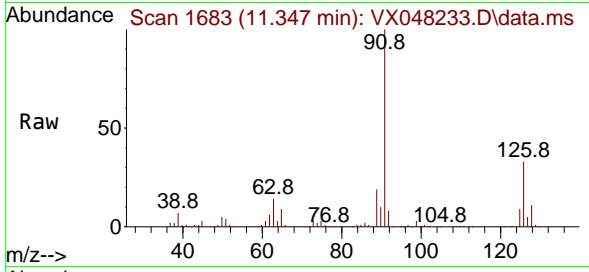
#79
 2-Chlorotoluene
 Concen: 105.691 ug/l
 RT: 11.347 min Scan# 1683
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100



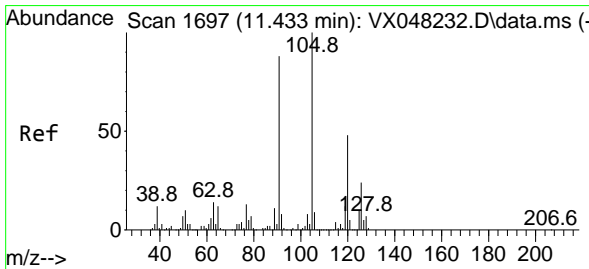
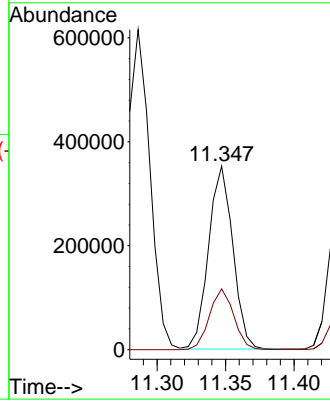
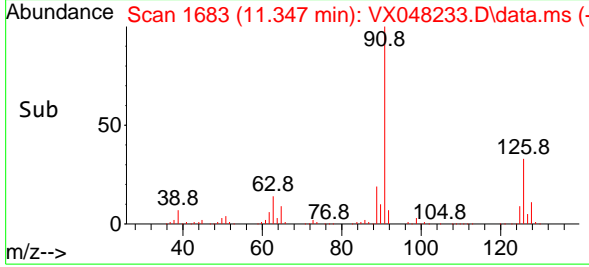
Tgt Ion: 91 Resp: 43421
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.4 49.4

Manual Integrations

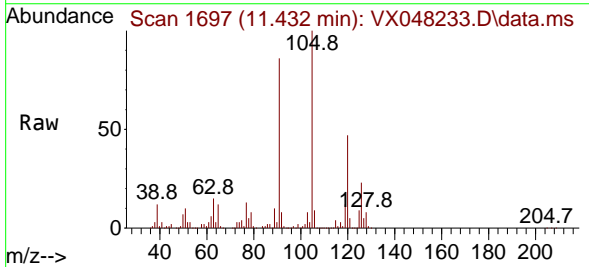
APPROVED

Reviewed By :John Carlone 10/21/2025

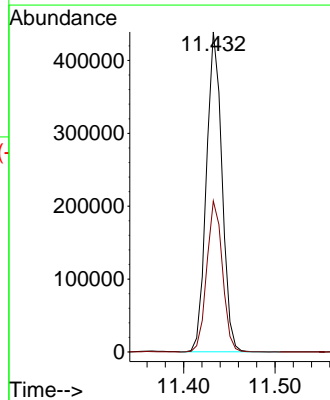
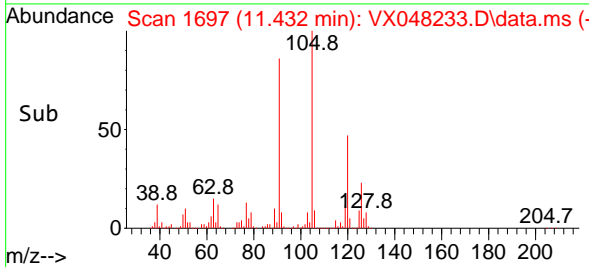
Supervised By :Semsettin Yesilyurt 10/21/2025

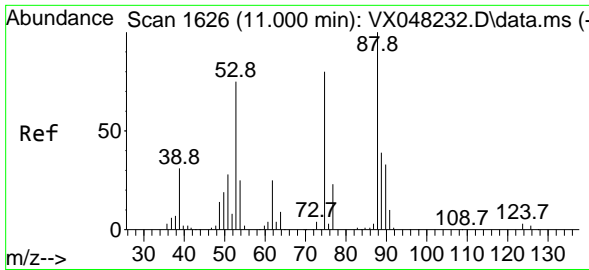


#80
 1,3,5-Trimethylbenzene
 Concen: 112.876 ug/l
 RT: 11.432 min Scan# 1697
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22



Tgt Ion:105 Resp: 519549
 Ion Ratio Lower Upper
 105 100
 120 47.6 24.0 72.0





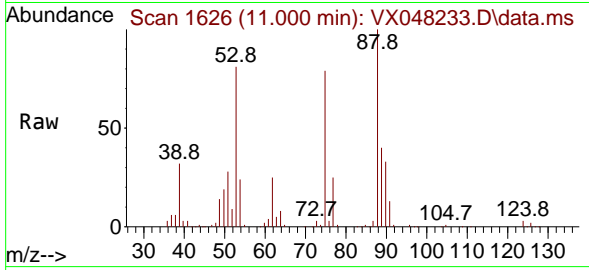
#81
 trans-1,4-Dichloro-2-butene
 Concen: 117.466 ug/l
 RT: 11.000 min Scan# 1626
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100



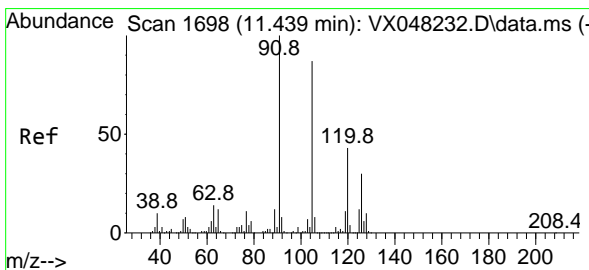
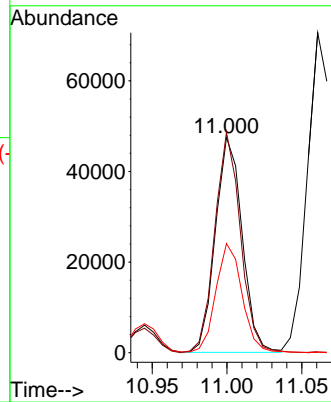
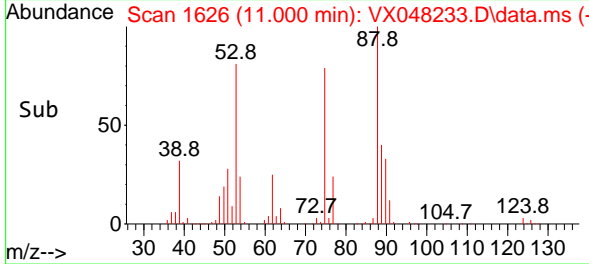
Tgt Ion: 75 Resp: 59059
 Ion Ratio Lower Upper
 75 100
 53 98.7 79.5 119.3
 89 49.9 36.8 55.2

Manual Integrations

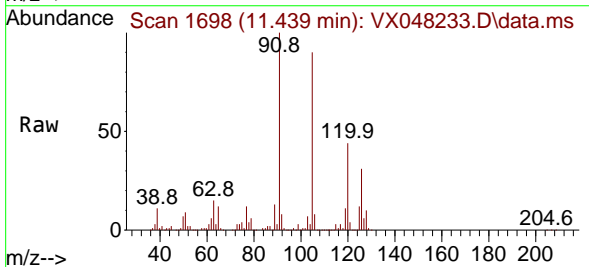
APPROVED

Reviewed By :John Carlone 10/21/2025

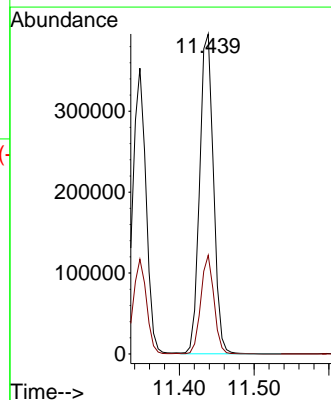
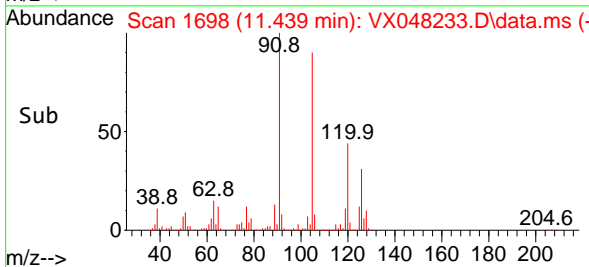
Supervised By :Semsettin Yesilyurt 10/21/2025

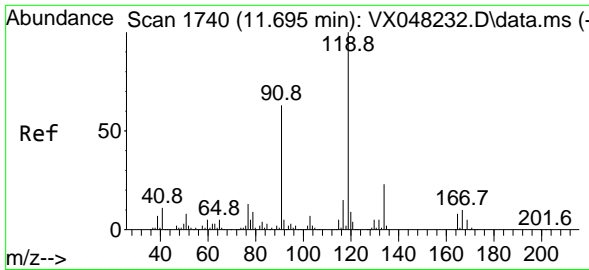


#82
 4-Chlorotoluene
 Concen: 104.983 ug/l
 RT: 11.439 min Scan# 1698
 Delta R.T. 0.006 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22



Tgt Ion: 91 Resp: 506861
 Ion Ratio Lower Upper
 91 100
 126 29.5 14.1 42.4





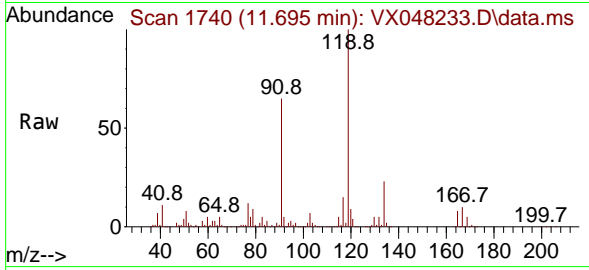
#83
 tert-Butylbenzene
 Concen: 113.817 ug/l
 RT: 11.695 min Scan# 1740
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100



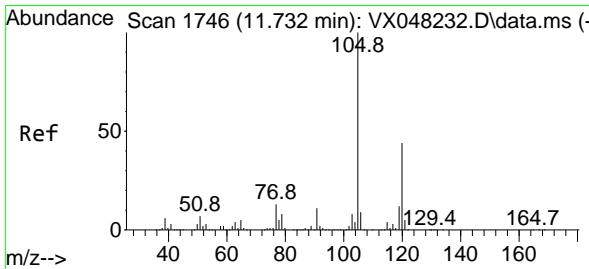
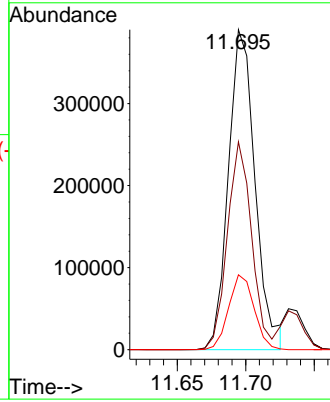
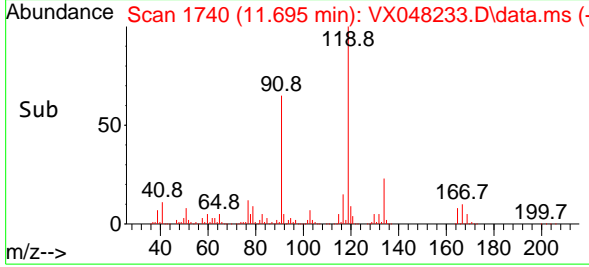
Tgt Ion:119 Resp: 529264
 Ion Ratio Lower Upper
 119 100
 91 59.1 30.3 91.0
 134 22.3 11.4 34.2

Manual Integrations

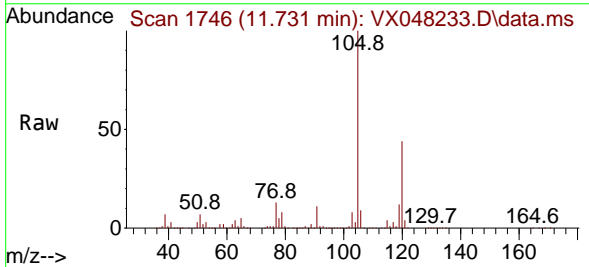
APPROVED

Reviewed By :John Carlone 10/21/2025

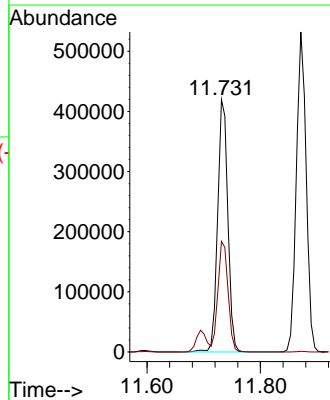
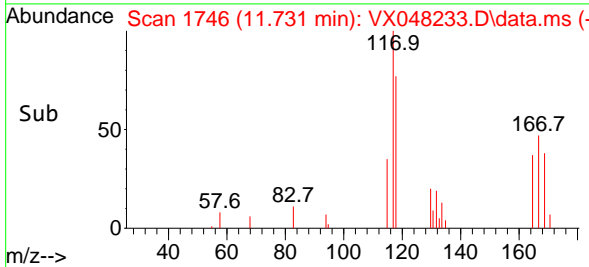
Supervised By :Semsettin Yesilyurt 10/21/2025

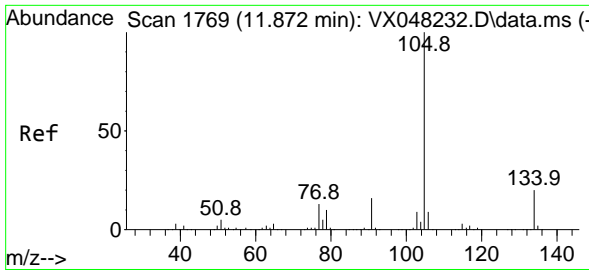


#84
 1,2,4-Trimethylbenzene
 Concen: 114.214 ug/l
 RT: 11.731 min Scan# 1746
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22



Tgt Ion:105 Resp: 523474
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.1 66.5





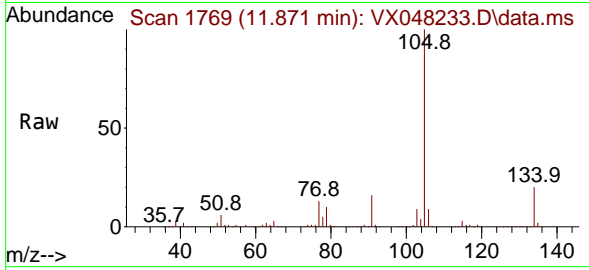
#85
 sec-Butylbenzene
 Concen: 112.562 ug/l
 RT: 11.871 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100



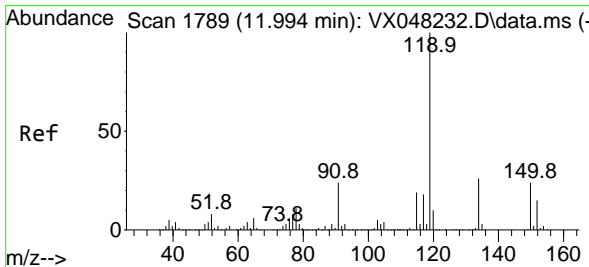
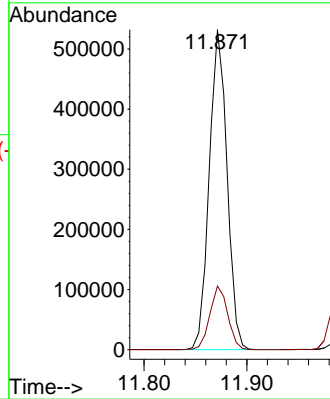
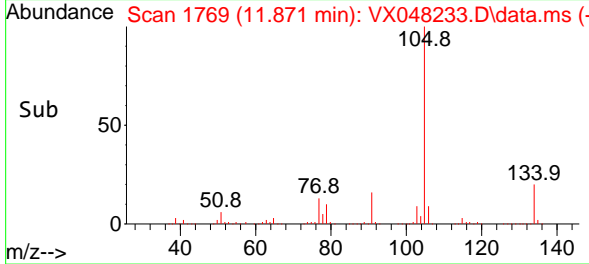
Tgt Ion:105 Resp: 639904
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1

Manual Integrations

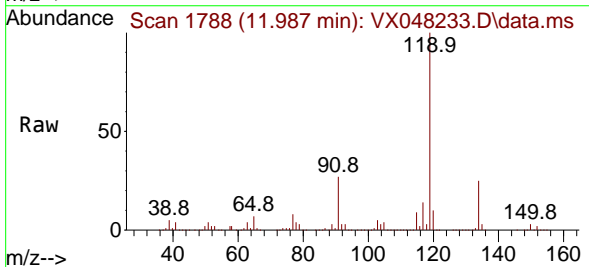
APPROVED

Reviewed By :John Carlone 10/21/2025

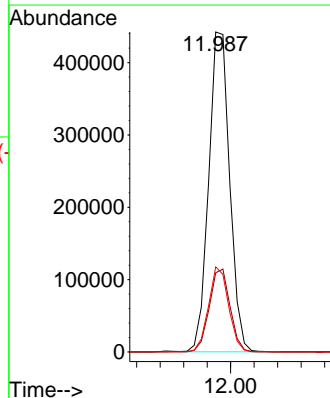
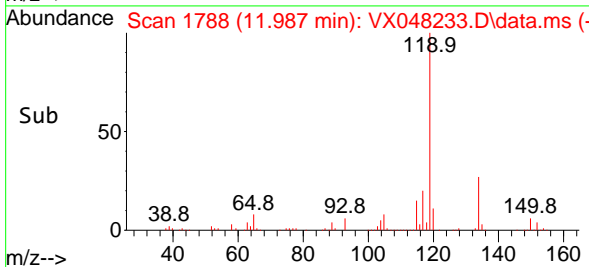
Supervised By :Semsettin Yesilyurt 10/21/2025

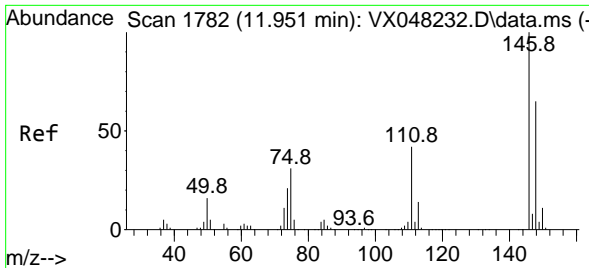


#86
 p-Isopropyltoluene
 Concen: 114.386 ug/l
 RT: 11.987 min Scan# 1788
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22



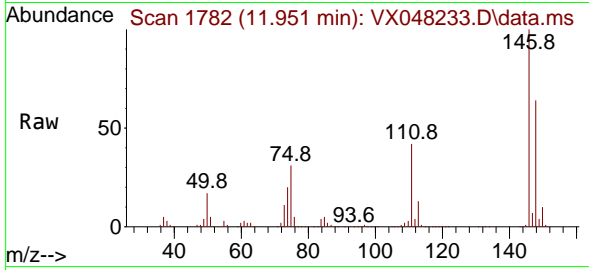
Tgt Ion:119 Resp: 548119
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 25.5 12.1 36.3





#87
 1,3-Dichlorobenzene
 Concen: 107.314 ug/l
 RT: 11.951 min Scan# 1782
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

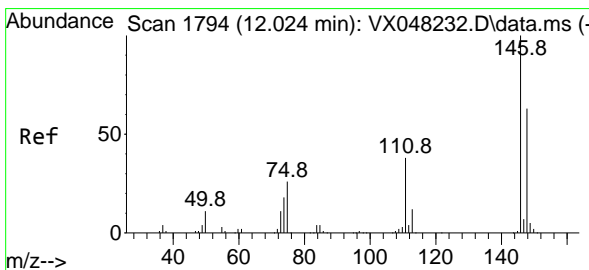
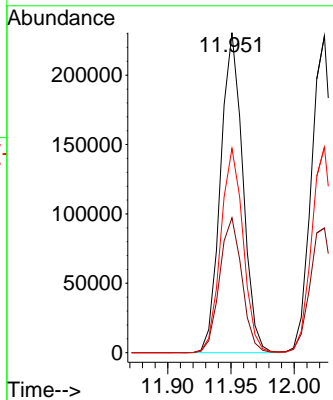
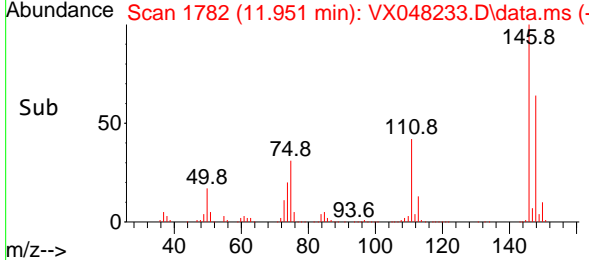
Instrument : MSVOA_X
 ClientSampleId : VSTDIC100



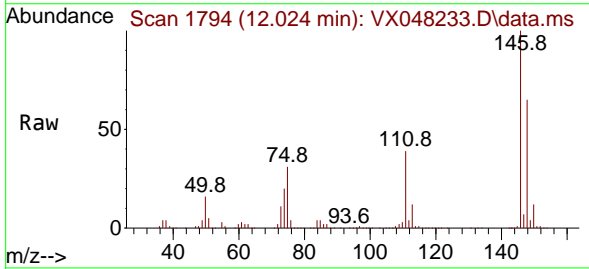
Tgt Ion:146 Resp: 28161
 Ion Ratio Lower Upper
 146 100
 111 42.4 20.4 61.2
 148 64.2 31.9 95.9

Manual Integrations
APPROVED

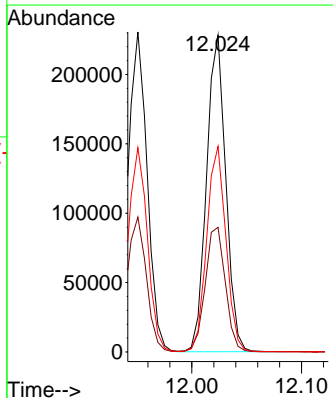
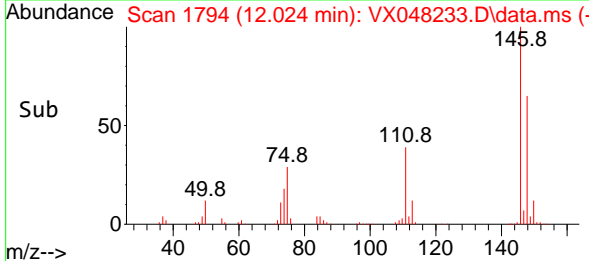
Reviewed By :John Carlone 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025

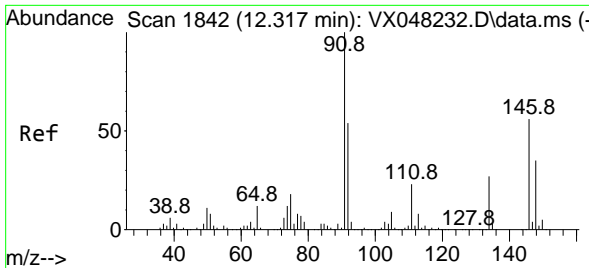


#88
 1,4-Dichlorobenzene
 Concen: 102.163 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22



Tgt Ion:146 Resp: 277908
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.1 60.2
 148 65.0 31.8 95.3





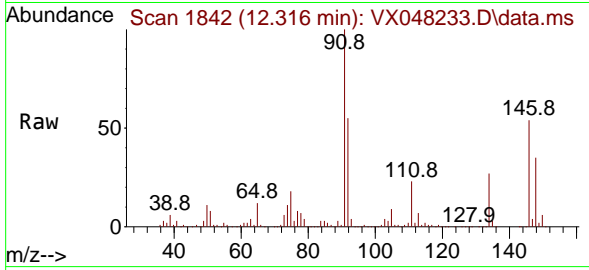
#89
 n-Butylbenzene
 Concen: 111.016 ug/l
 RT: 12.316 min Scan# 1842
 Delta R.T. 0.006 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100



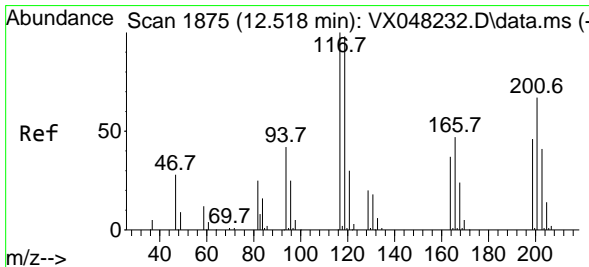
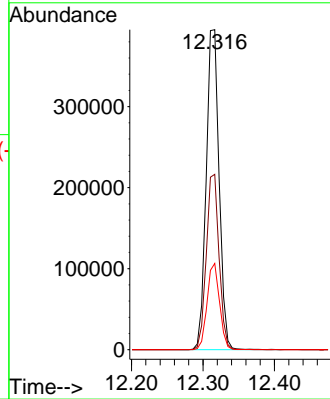
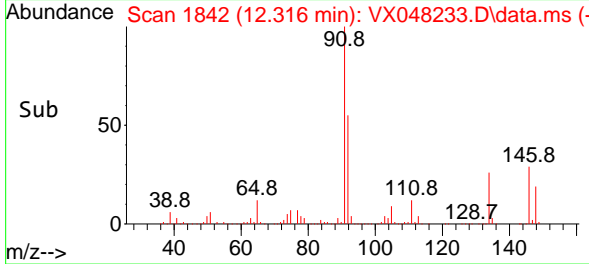
Tgt Ion: 91 Resp: 495480
 Ion Ratio Lower Upper
 91 100
 92 54.3 26.9 80.6
 134 26.1 12.7 38.1

Manual Integrations

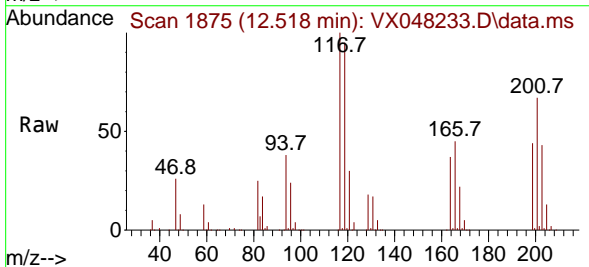
APPROVED

Reviewed By :John Carlone 10/21/2025

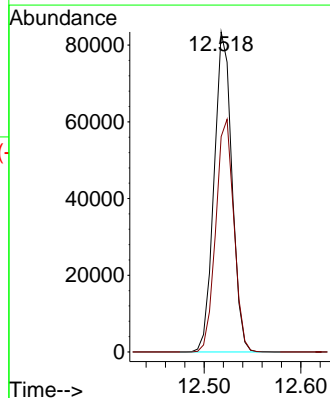
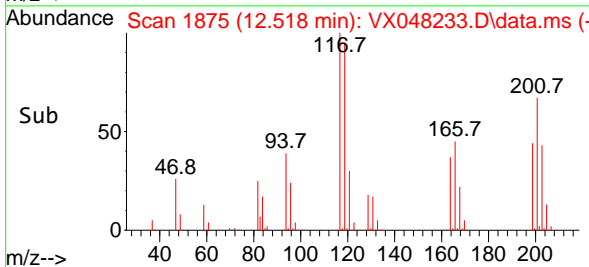
Supervised By :Semsettin Yesilyurt 10/21/2025

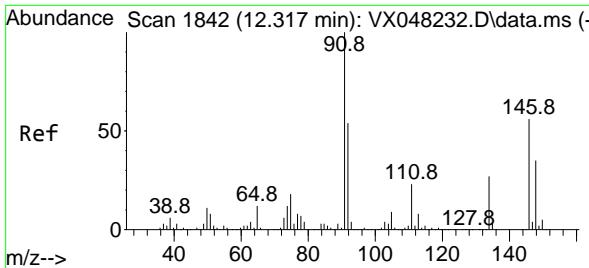


#90
 Hexachloroethane
 Concen: 105.851 ug/l
 RT: 12.518 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22



Tgt Ion:117 Resp: 107057
 Ion Ratio Lower Upper
 117 100
 201 73.5 34.1 102.2





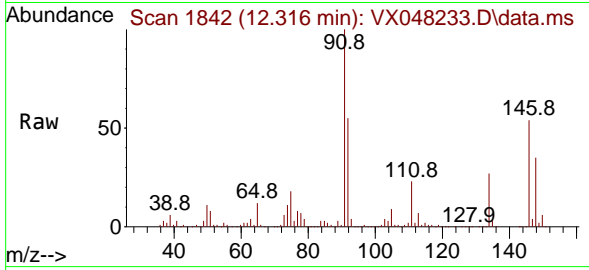
#91
 1,2-Dichlorobenzene
 Concen: 105.277 ug/l
 RT: 12.316 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100



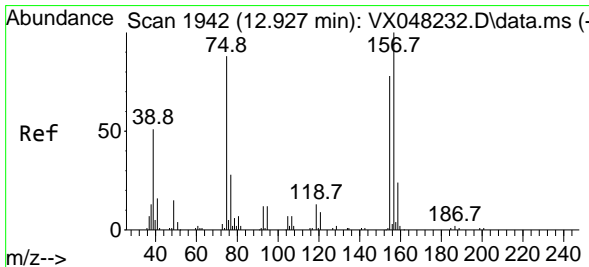
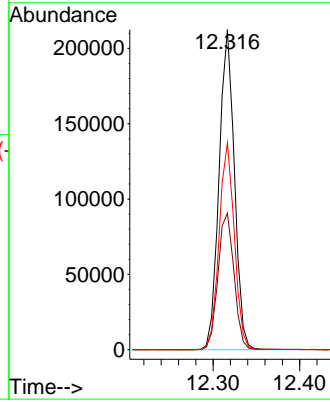
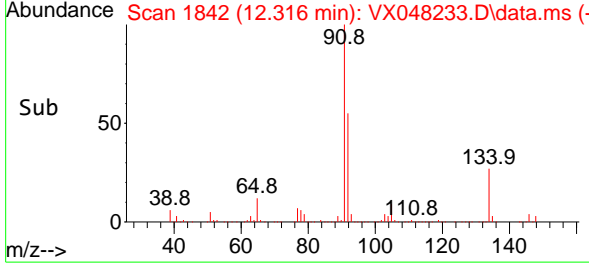
Tgt Ion:146 Resp: 26102
 Ion Ratio Lower Upper
 146 100
 111 44.7 21.9 65.5
 148 64.5 31.9 95.5

Manual Integrations

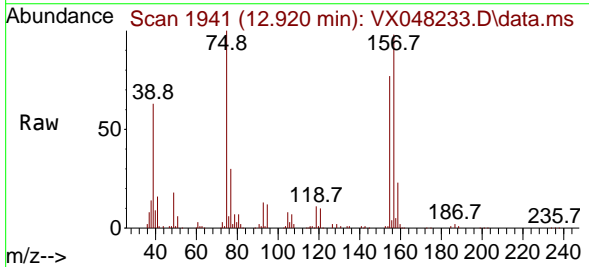
APPROVED

Reviewed By :John Carlone 10/21/2025

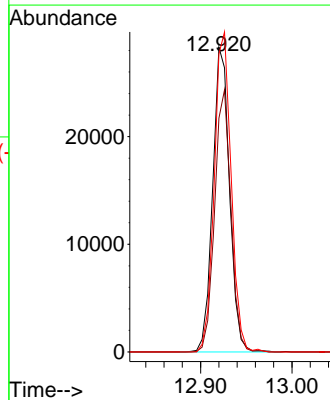
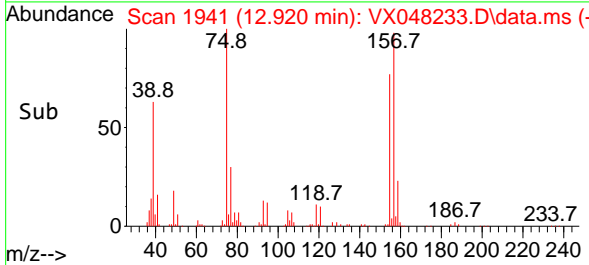
Supervised By :Semsettin Yesilyurt 10/21/2025

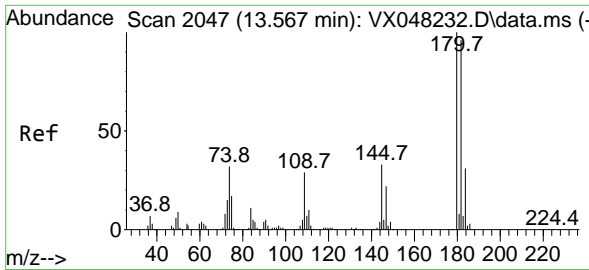


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 124.320 ug/l
 RT: 12.920 min Scan# 1941
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22



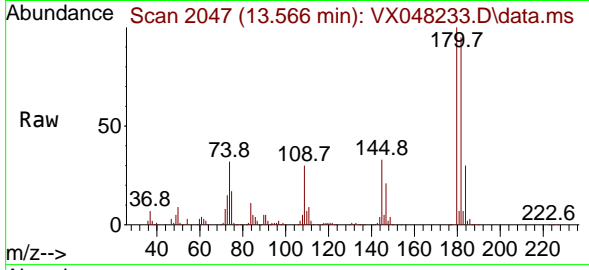
Tgt Ion: 75 Resp: 36087
 Ion Ratio Lower Upper
 75 100
 155 83.6 42.8 128.4
 157 105.4 54.2 162.6





#93
 1,2,4-Trichlorobenzene
 Concen: 122.679 ug/l
 RT: 13.566 min Scan# 2047
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

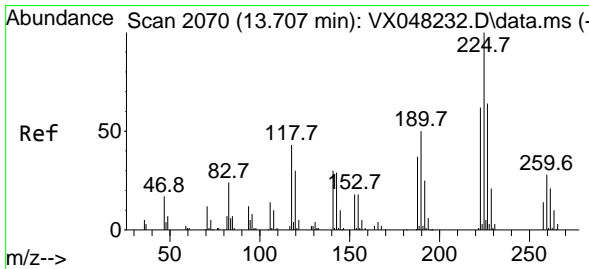
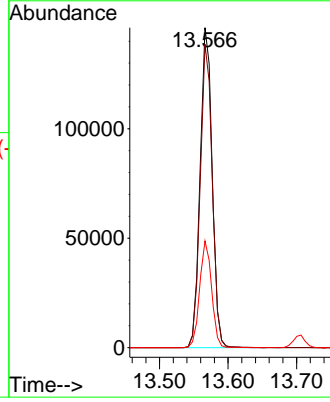
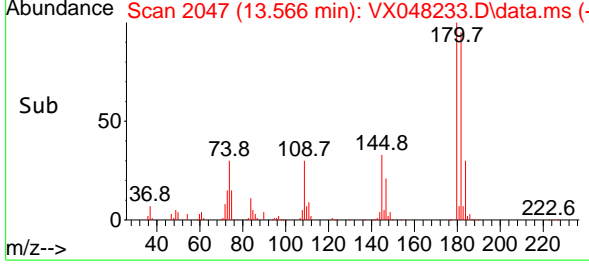
Instrument : MSVOA_X
 Client Sample Id : VSTDIC100



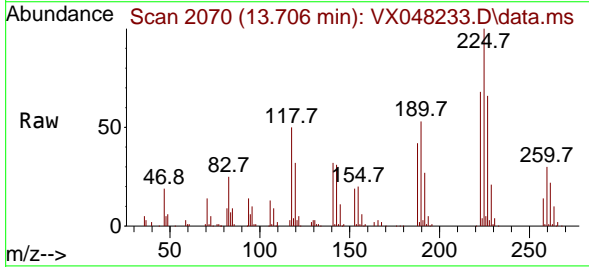
Tgt Ion:180 Resp: 17956
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.3 142.0
 145 33.0 16.3 48.9

Manual Integrations
APPROVED

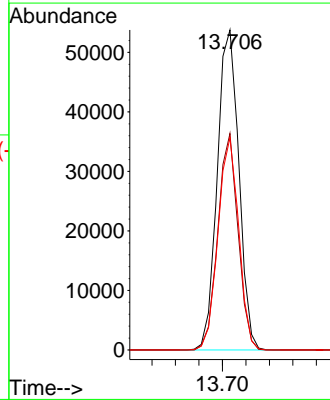
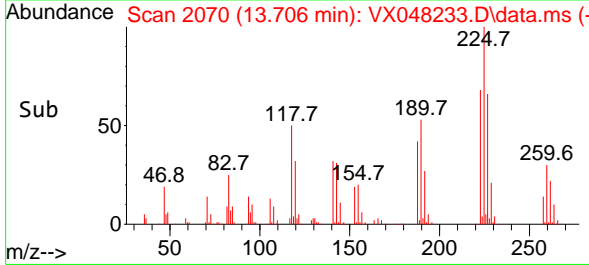
Reviewed By :John Carlone 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025

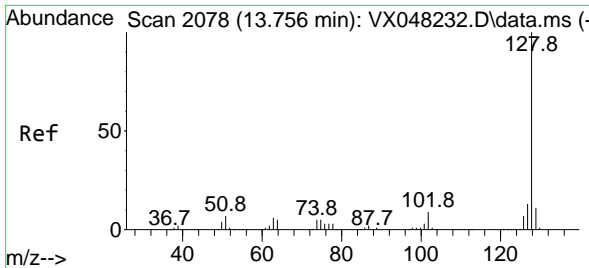


#94
 Hexachlorobutadiene
 Concen: 121.605 ug/l
 RT: 13.706 min Scan# 2070
 Delta R.T. 0.006 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22



Tgt Ion:225 Resp: 68645
 Ion Ratio Lower Upper
 225 100
 223 63.3 32.6 97.7
 227 63.5 32.5 97.4





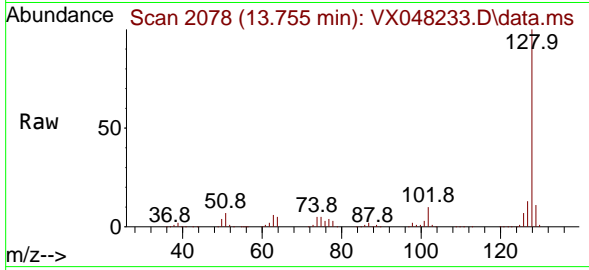
#95
 Naphthalene
 Concen: 132.536 ug/l
 RT: 13.755 min Scan# 2109
 Delta R.T. -0.000 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

Client Sample Id :

VSTDIC100



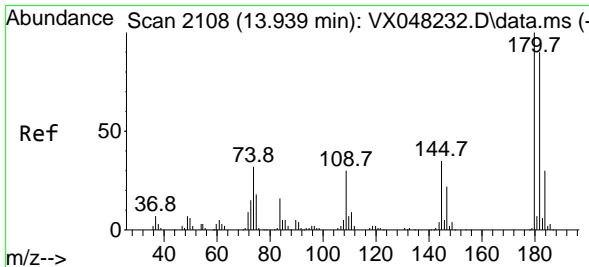
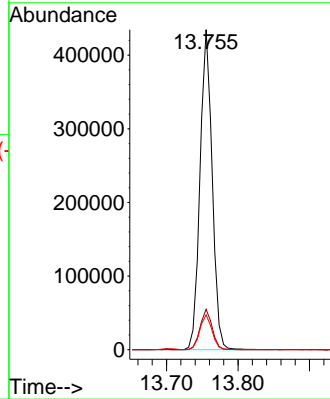
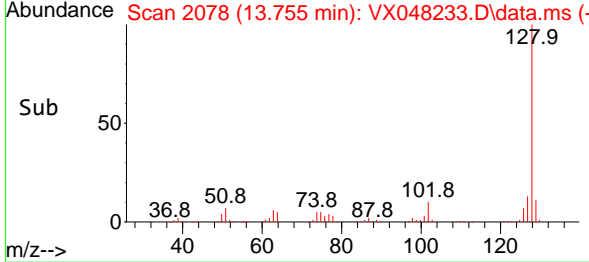
Tgt Ion:128 Resp: 51135
 Ion Ratio Lower Upper
 128 100
 127 12.6 10.2 15.4
 129 10.9 8.6 12.8

Manual Integrations

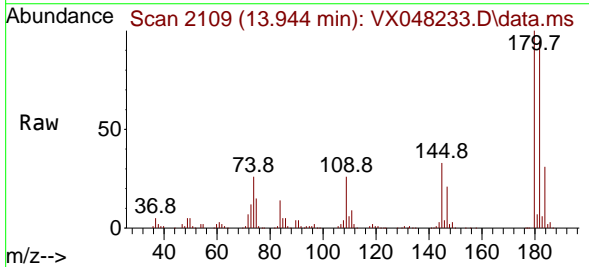
APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#96
 1,2,3-Trichlorobenzene
 Concen: 125.328 ug/l
 RT: 13.944 min Scan# 2109
 Delta R.T. 0.006 min
 Lab File: VX048233.D
 Acq: 20 Oct 2025 12:22



Tgt Ion:180 Resp: 169248
 Ion Ratio Lower Upper
 180 100
 182 95.5 46.6 139.7
 145 34.6 16.9 50.7

