

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048234.D
 Acq On : 20 Oct 2025 12:43
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

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

Quant Time: Oct 20 13:01:04 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	5.538	168	112063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	180904	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	155759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	75397	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	234807	135.251	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 270.500%#	
35) Dibromofluoromethane	5.373	113	188821	150.393	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 300.780%#	
50) Toluene-d8	8.635	98	648652	143.408	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 286.820%#	
62) 4-Bromofluorobenzene	11.061	95	239298	145.255	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 290.520%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	169514	144.124	ug/l	95
3) Chloromethane	1.301	50	158322	111.112	ug/l	99
4) Vinyl Chloride	1.380	62	149708	99.710	ug/l	99
5) Bromomethane	1.605	94	92946	93.091	ug/l	97
6) Chloroethane	1.685	64	89813	93.997	ug/l	96
7) Trichlorofluoromethane	1.892	101	292007	123.905	ug/l	99
8) Diethyl Ether	2.136	74	81474	101.352	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	184438	138.880	ug/l	96
10) Methyl Iodide	2.453	142	249395	156.785	ug/l	100
11) Tert butyl alcohol	2.959	59	107295	931.439	ug/l	100
12) 1,1-Dichloroethene	2.325	96	178408	137.389	ug/l	95
13) Acrolein	2.239	56	123365	509.584	ug/l	99
14) Allyl chloride	2.666	41	293697	125.734	ug/l	98
15) Acrylonitrile	3.062	53	412892	748.019	ug/l	100
16) Acetone	2.380	43	347029	585.970	ug/l	99
17) Carbon Disulfide	2.514	76	515144	128.936	ug/l	100
18) Methyl Acetate	2.697	43	169402	140.438	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	593033	151.611	ug/l	97
20) Methylene Chloride	2.788	84	190483	132.030	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	187495	139.566	ug/l	98
22) Diisopropyl ether	3.757	45	571951	125.048	ug/l	93
23) Vinyl Acetate	3.715	43	2367511	692.251	ug/l	96
24) 1,1-Dichloroethane	3.605	63	342500	131.992	ug/l	99
25) 2-Butanone	4.544	43	487152	706.046	ug/l	96
26) 2,2-Dichloropropane	4.465	77	310572	140.027	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	222359	139.465	ug/l	98
28) Bromochloromethane	4.891	49	151812	126.922	ug/l	87
29) Tetrahydrofuran	4.989	42	301745	744.697	ug/l	94
30) Chloroform	5.080	83	358626	131.272	ug/l	98
31) Cyclohexane	5.464	56	291302	137.199	ug/l	91
32) 1,1,1-Trichloroethane	5.373	97	338462	150.785	ug/l	98
36) 1,1-Dichloropropene	5.684	75	249688	141.173	ug/l	99
37) Ethyl Acetate	4.702	43	208614	147.588	ug/l	97
38) Carbon Tetrachloride	5.666	117	307892	151.663	ug/l	100
39) Methylcyclohexane	7.367	83	315911	158.416	ug/l	95
40) Benzene	6.025	78	730908	139.172	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	115351	152.378	ug/l	97
42) 1,2-Dichloroethane	6.074	62	269245	143.093	ug/l	99
43) Isopropyl Acetate	6.324	43	361084	152.180	ug/l	96
44) Trichloroethene	7.110	130	197244	149.022	ug/l	98
45) 1,2-Dichloropropane	7.415	63	180619	135.890	ug/l	99
46) Dibromomethane	7.568	93	135105	141.273	ug/l	94
47) Bromodichloromethane	7.805	83	292063	141.302	ug/l	97
48) Methyl methacrylate	7.677	41	184354	151.780	ug/l	95
49) 1,4-Dioxane	7.647	88	49895	4563.512	ug/l	88
51) 4-Methyl-2-Pentanone	8.561	43	983125	744.604	ug/l	94
52) Toluene	8.702	92	460742	145.964	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	300251	155.059	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	317375	150.373	ug/l	94
55) 1,1,2-Trichloroethane	9.135	97	169894	144.250	ug/l	98
56) Ethyl methacrylate	9.104	69	272177	169.911	ug/l	94
57) 1,3-Dichloropropane	9.293	76	293650	142.707	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.232	63	705780	858.056	ug/l	95
59) 2-Hexanone	9.415	43	694736	752.256	ug/l	96
60) Dibromochloromethane	9.506	129	226642	153.740	ug/l	99
61) 1,2-Dibromoethane	9.592	107	182208	150.876	ug/l	99
64) Tetrachloroethene	9.263	164	168581	154.361	ug/l	91
65) Chlorobenzene	10.061	112	514967	151.209	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	191186	155.782	ug/l	98
67) Ethyl Benzene	10.177	91	898137	153.825	ug/l	99
68) m/p-Xylenes	10.287	106	661019	303.896	ug/l	99
69) o-Xylene	10.622	106	320334	156.444	ug/l	99
70) Styrene	10.640	104	548149	155.523	ug/l	98
71) Bromoform	10.781	173	152209	168.892	ug/l #	99
73) Isopropylbenzene	10.945	105	849183	161.931	ug/l	100
74) N-amyl acetate	10.829	43	314879	160.952	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.195	83	224486	151.104	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	181434m	157.586	ug/l	
77) Bromobenzene	11.183	156	207212	157.899	ug/l	94
78) n-propylbenzene	11.287	91	991960	155.984	ug/l	98
79) 2-Chlorotoluene	11.348	91	585792	152.465	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	699885	162.591	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	83158	176.858	ug/l	97
82) 4-Chlorotoluene	11.439	91	691903	153.240	ug/l	99
83) tert-Butylbenzene	11.695	119	717642	165.020	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	707074	164.961	ug/l	99
85) sec-Butylbenzene	11.872	105	861466	162.035	ug/l	100
86) p-Isopropyltoluene	11.994	119	738496	164.794	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	386062	157.307	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	386885	152.078	ug/l	100
89) n-Butylbenzene	12.311	91	664071	159.098	ug/l	99
90) Hexachloroethane	12.518	117	145813	154.159	ug/l	94
91) 1,2-Dichlorobenzene	12.317	146	359278	154.946	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	50367	185.536	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	247472	180.791	ug/l	100
94) Hexachlorobutadiene	13.707	225	92458	175.138	ug/l	100
95) Naphthalene	13.756	128	719433	199.386	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	233671	185.022	ug/l	97

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QLast Update : Mon Oct 20 12:35:14 2025
Response via : Initial Calibration

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

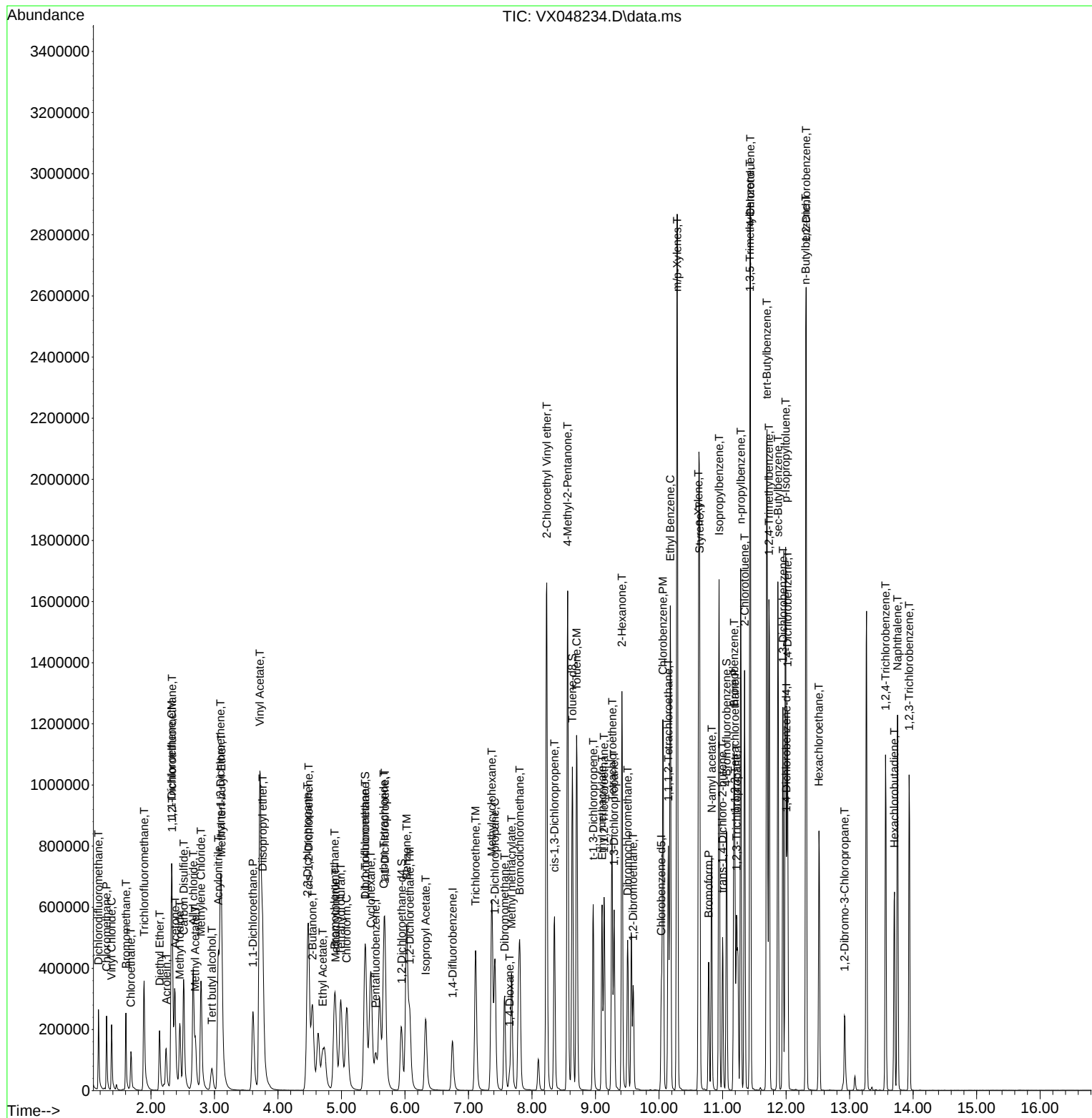
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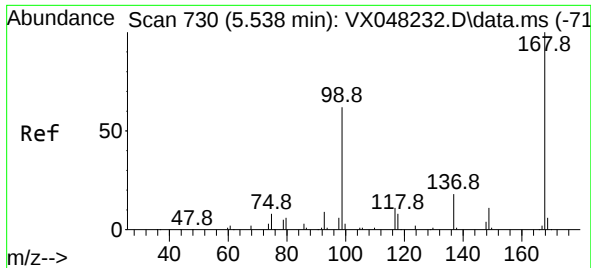
Instrument :
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Manual Integrations
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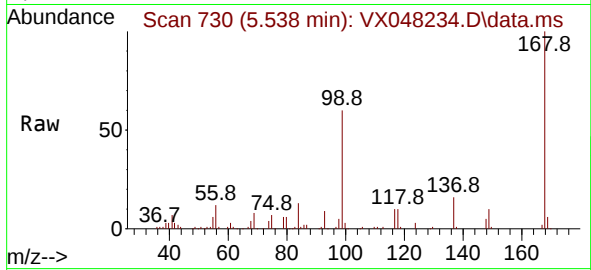
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048234.D
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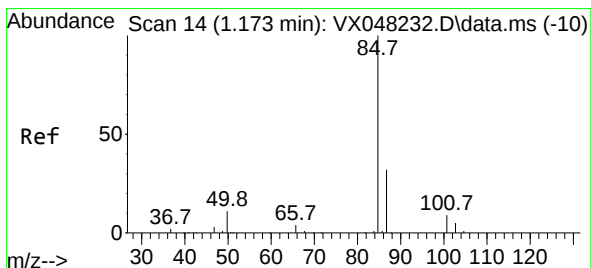
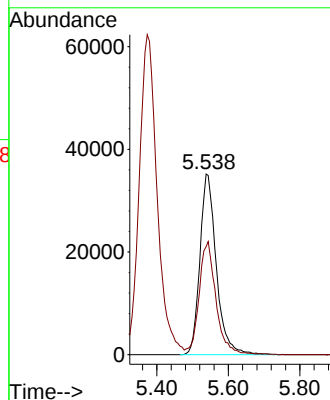
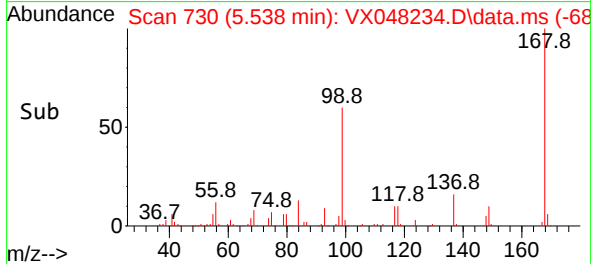
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:168 Resp: 11206
Ion Ratio Lower Upper
168 100
99 59.8 46.4 69.6

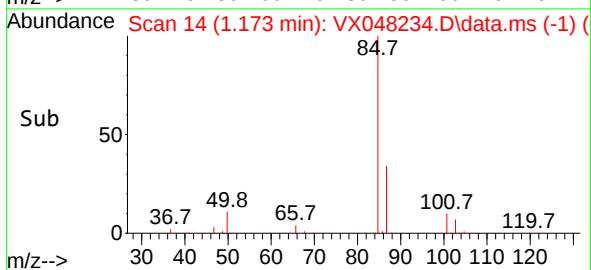
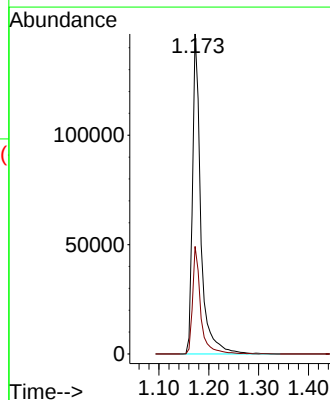
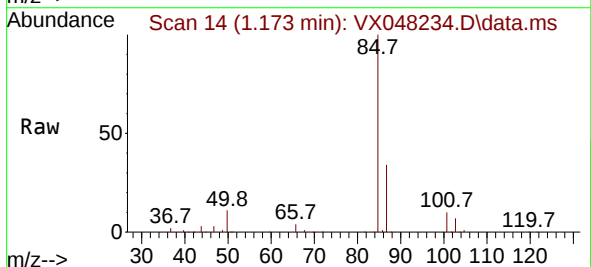
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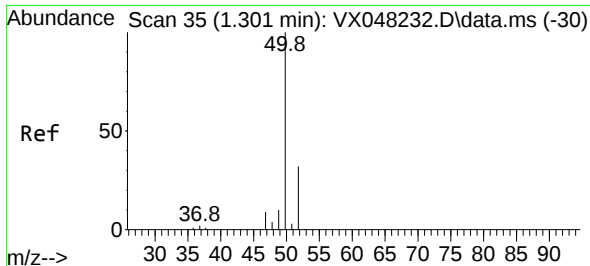
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#2
Dichlorodifluoromethane
Concen: 144.124 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

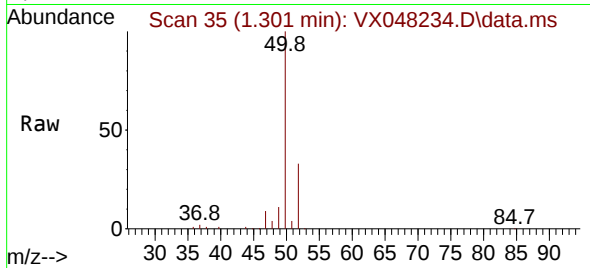
Tgt Ion: 85 Resp: 169514
Ion Ratio Lower Upper
85 100
87 33.6 15.3 45.9





#3
Chloromethane
Concen: 111.112 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

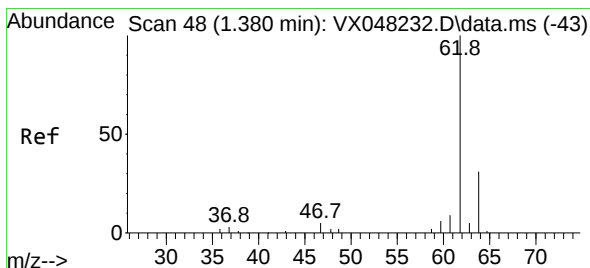
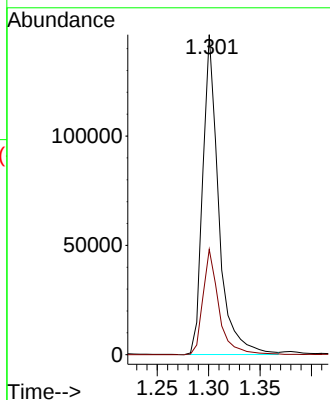
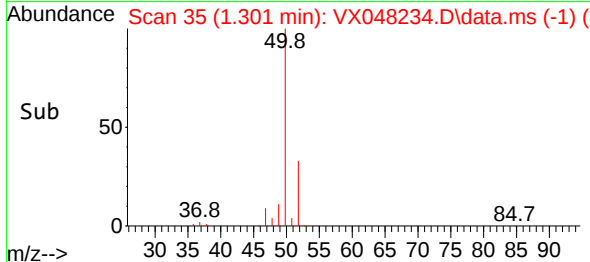
Instrument :
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VSTDICC150



Tgt Ion: 50 Resp: 15832
Ion Ratio Lower Upper
50 100
52 32.9 25.9 38.9

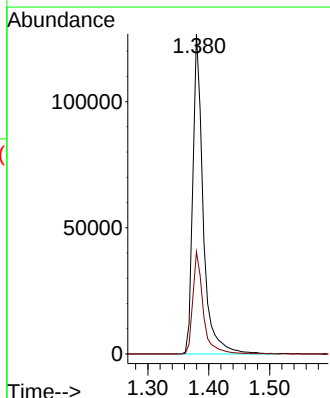
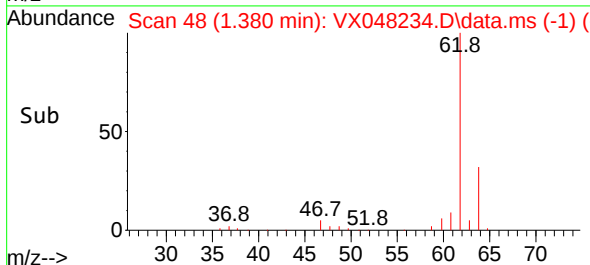
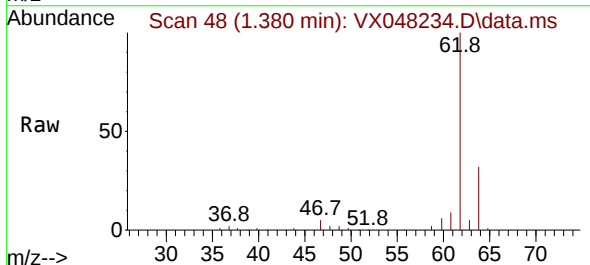
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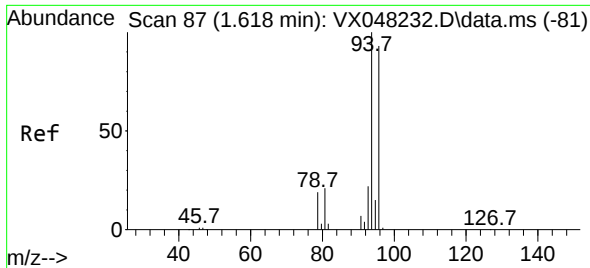
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#4
Vinyl Chloride
Concen: 99.710 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 62 Resp: 149708
Ion Ratio Lower Upper
62 100
64 32.0 25.1 37.7





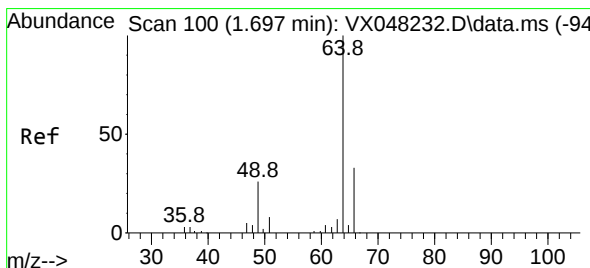
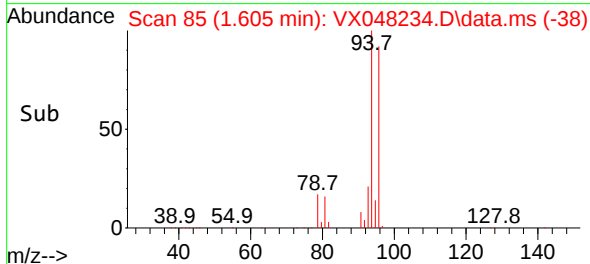
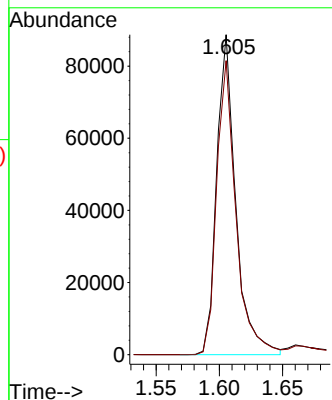
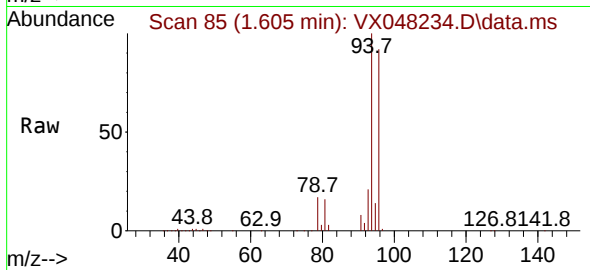
#5
Bromomethane
Concen: 93.091 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.012 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
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ClientSampleId :
VSTDIC150

Tgt Ion: 94 Resp: 92940
Ion Ratio Lower Upper
94 100
96 91.9 76.0 114.0

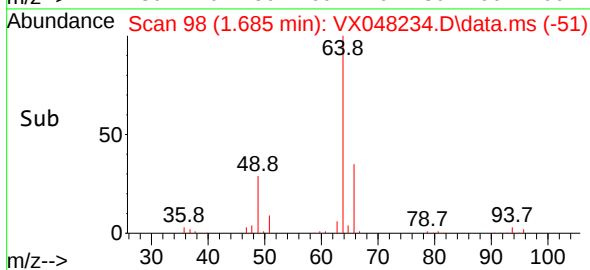
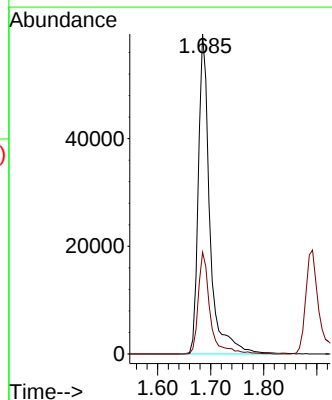
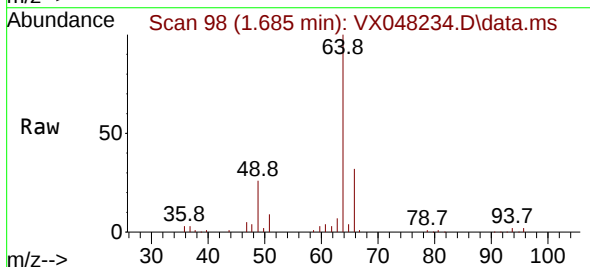
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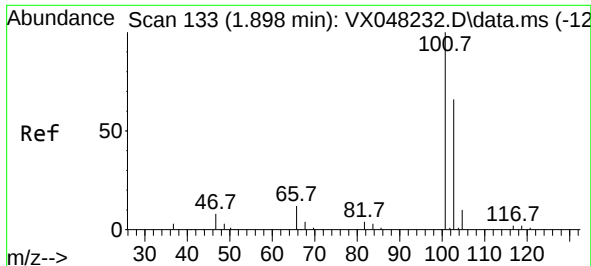
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#6
Chloroethane
Concen: 93.997 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.012 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 64 Resp: 89813
Ion Ratio Lower Upper
64 100
66 31.8 23.9 35.9





#7
 Trichlorofluoromethane
 Concen: 123.905 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX048234.D
 Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

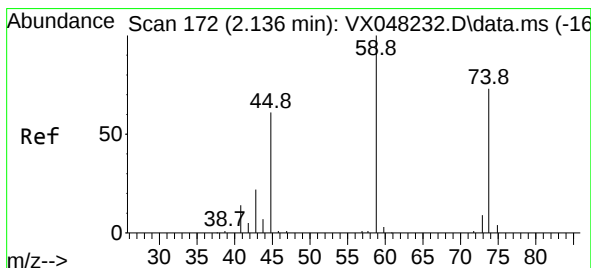
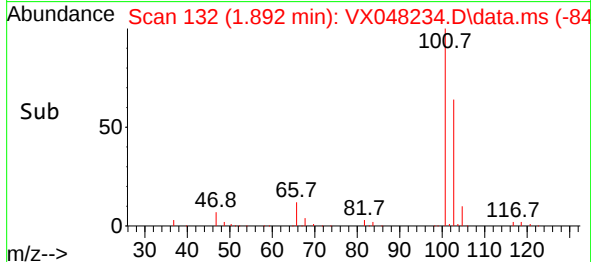
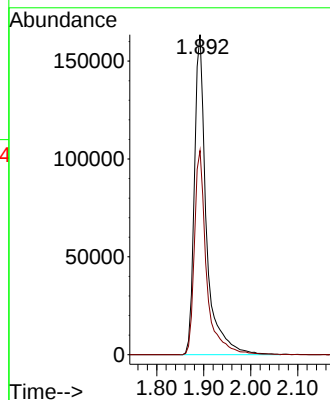
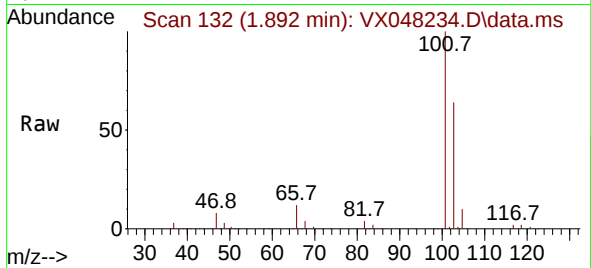
VSTDICC150

Tgt Ion:101 Resp: 29200
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.6 77.4

Manual Integrations

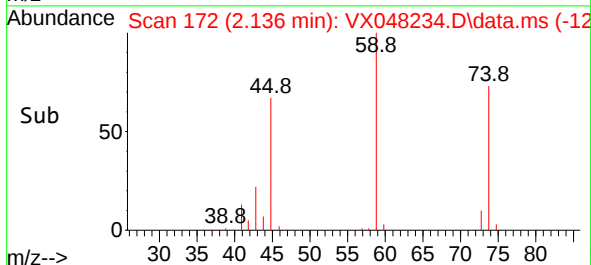
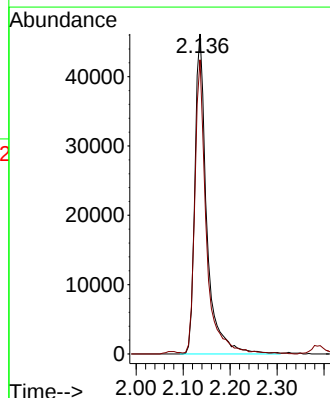
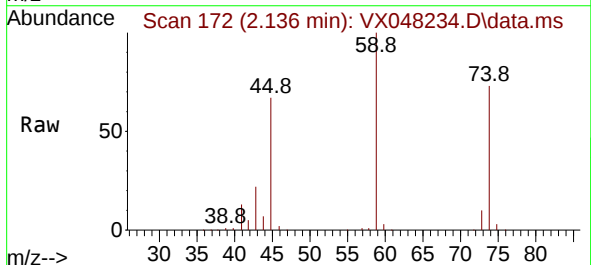
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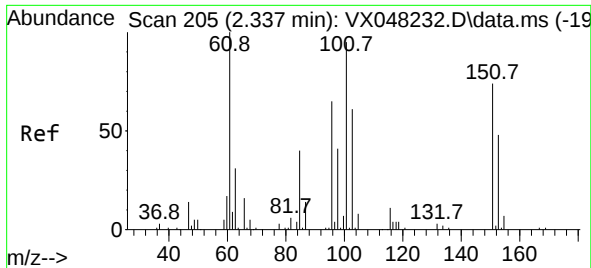
Reviewed By :John Carlone 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025



#8
 Diethyl Ether
 Concen: 101.352 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX048234.D
 Acq: 20 Oct 2025 12:43

Tgt Ion: 74 Resp: 81474
 Ion Ratio Lower Upper
 74 100
 45 87.5 50.0 149.8





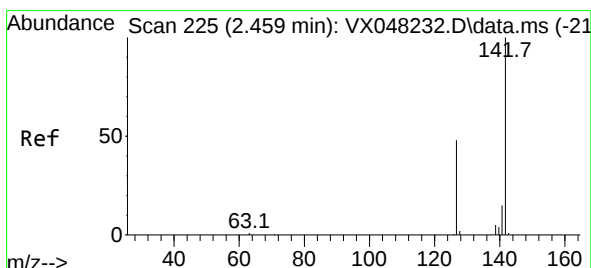
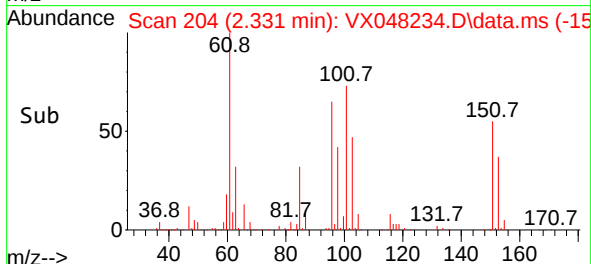
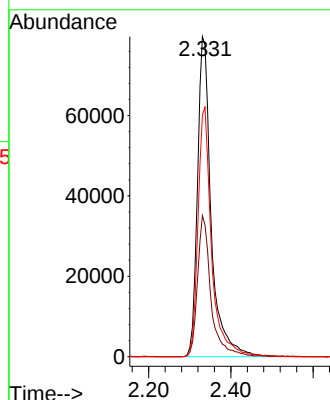
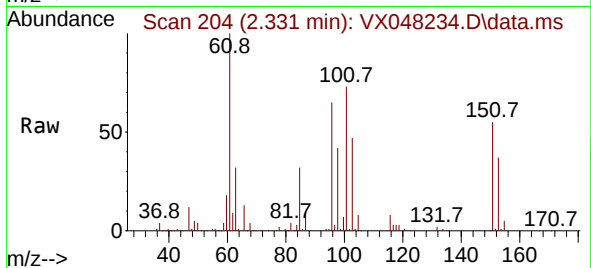
#9
1,1,2-Trichlorotrifluoroethane
Concen: 138.880 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 184438
Ion Ratio Lower Upper
101 100
85 43.3 35.6 53.4
151 77.4 58.0 87.0

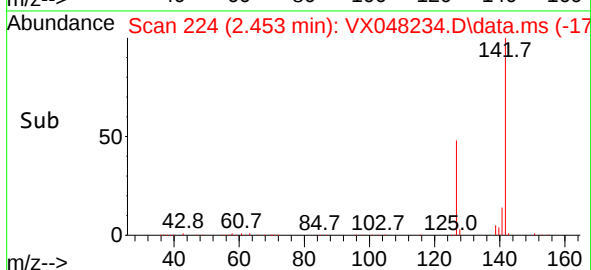
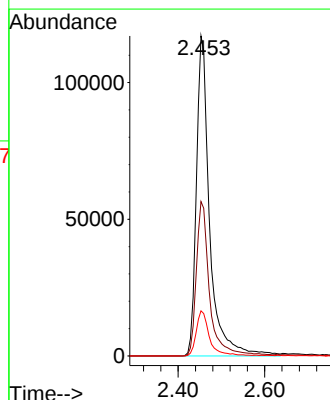
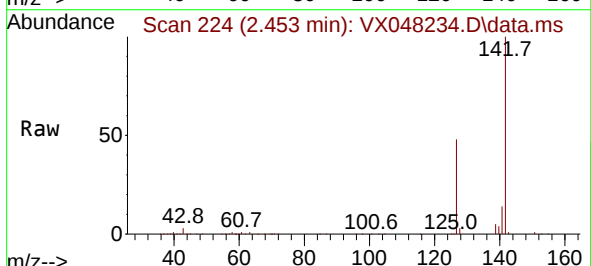
Manual Integrations
APPROVED

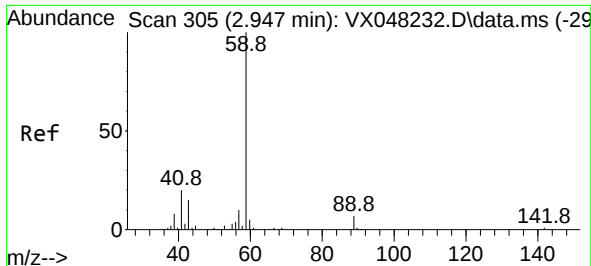
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#10
Methyl Iodide
Concen: 156.785 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:142 Resp: 249395
Ion Ratio Lower Upper
142 100
127 48.2 38.5 57.7
141 14.0 11.6 17.4





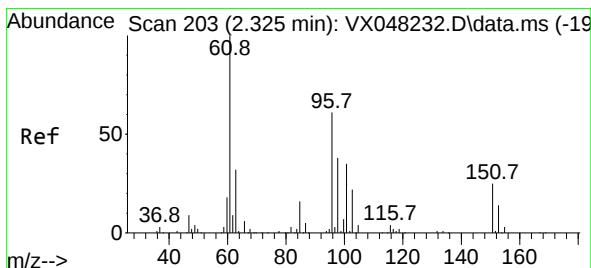
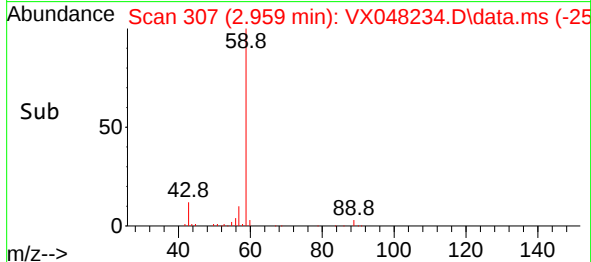
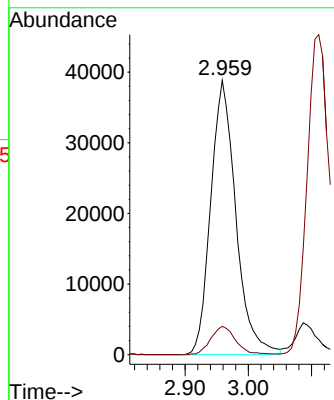
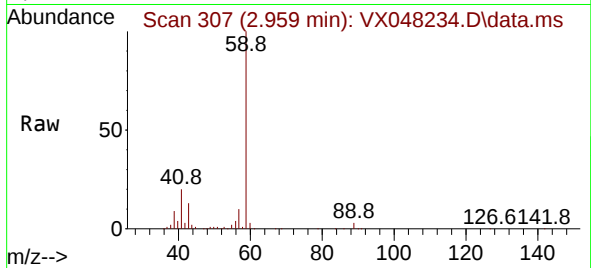
#11
Tert butyl alcohol
Concen: 931.439 ug/l
RT: 2.959 min Scan# 305
Delta R.T. 0.018 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 59 Resp: 107295
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

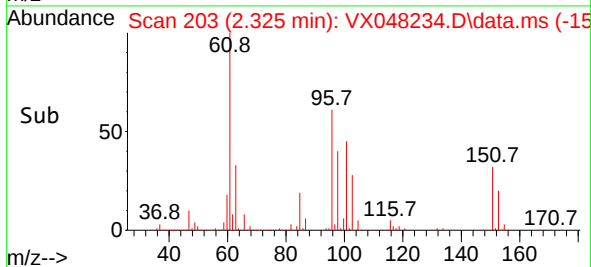
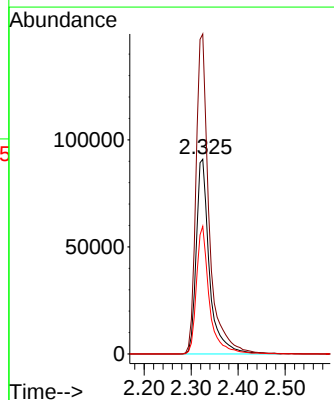
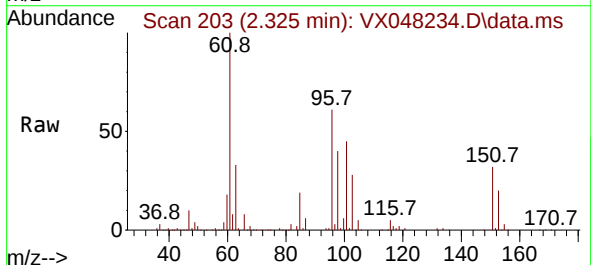
Manual Integrations
APPROVED

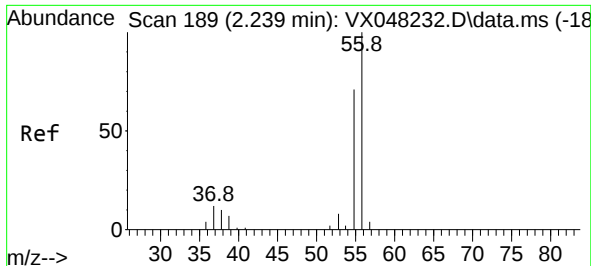
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#12
1,1-Dichloroethene
Concen: 137.389 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

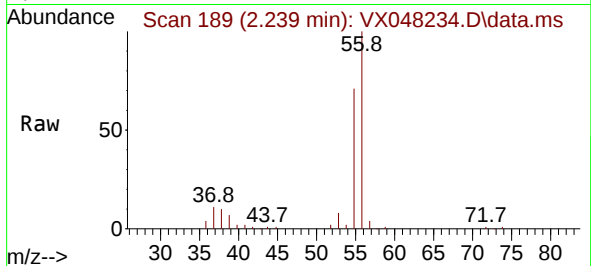
Tgt Ion: 96 Resp: 178408
Ion Ratio Lower Upper
96 100
61 164.3 139.0 208.6
98 65.6 52.4 78.6





#13
Acrolein
Concen: 509.584 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

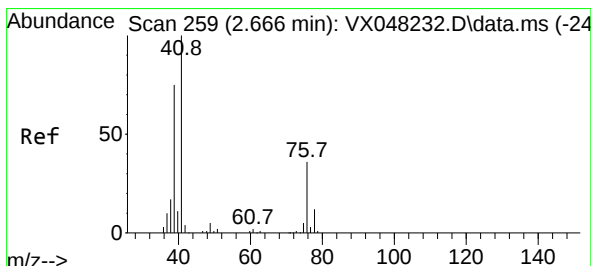
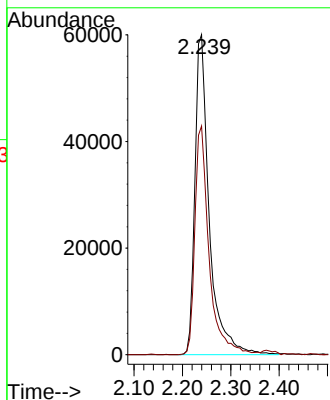
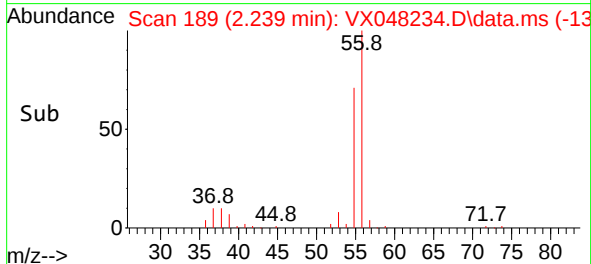
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 12336
Ion Ratio Lower Upper
56 100
55 70.7 56.1 84.1

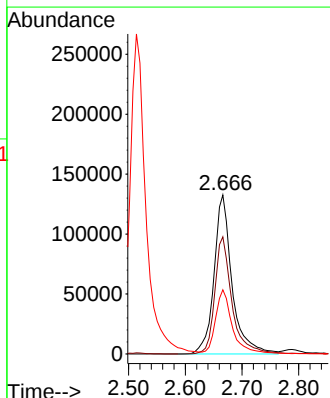
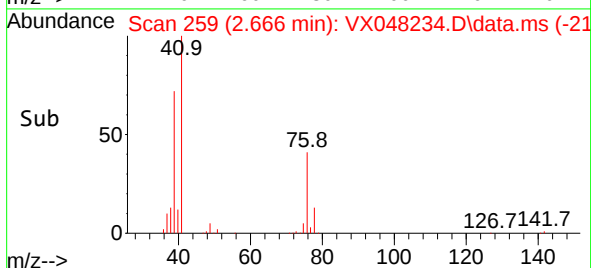
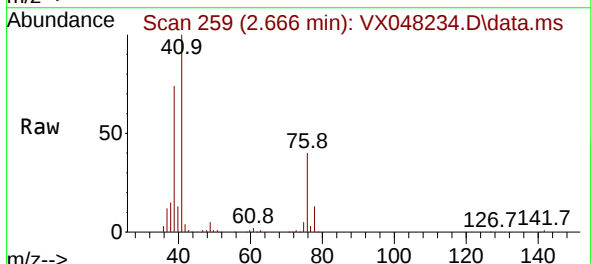
Manual Integrations
APPROVED

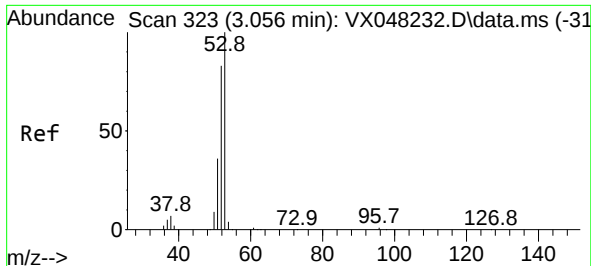
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#14
Allyl chloride
Concen: 125.734 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

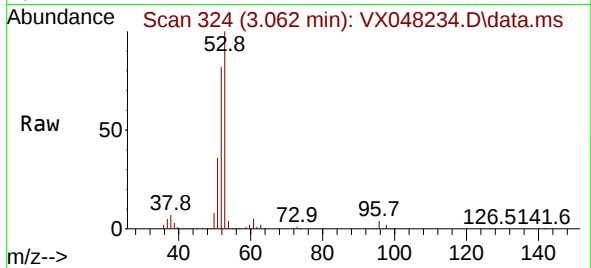
Tgt Ion: 41 Resp: 293697
Ion Ratio Lower Upper
41 100
39 70.5 56.0 84.0
76 37.7 27.5 41.3





#15
Acrylonitrile
Concen: 748.019 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

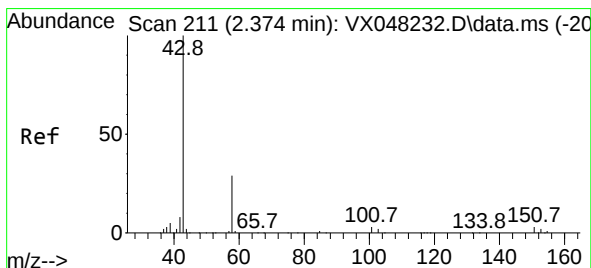
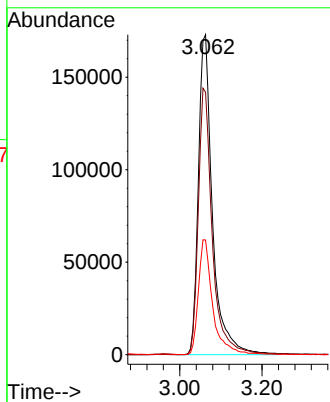
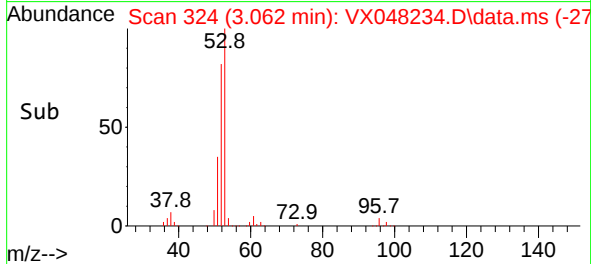
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 53 Resp: 412892
Ion Ratio Lower Upper
53 100
52 82.7 66.1 99.1
51 36.5 29.0 43.4

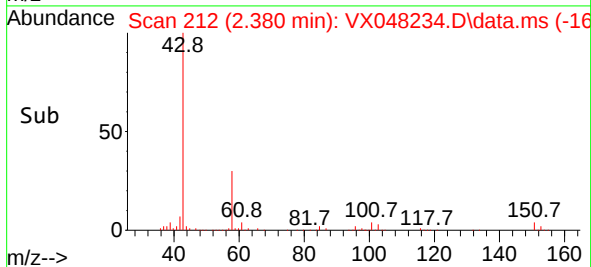
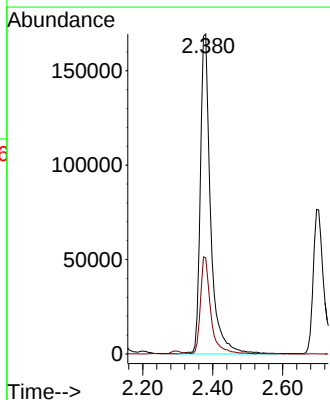
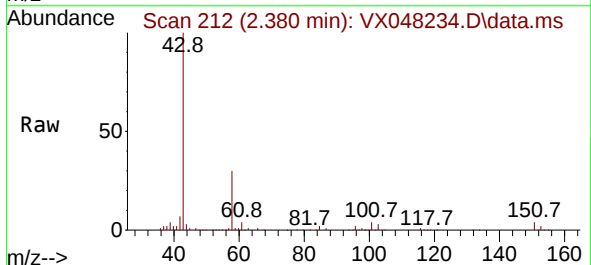
Manual Integrations
APPROVED

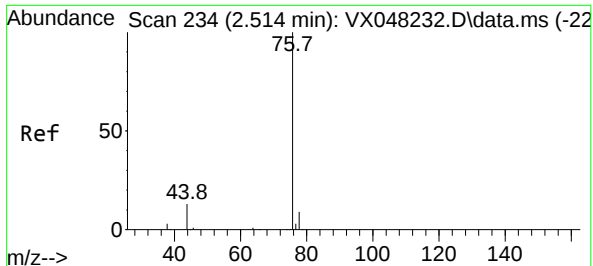
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#16
Acetone
Concen: 585.970 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

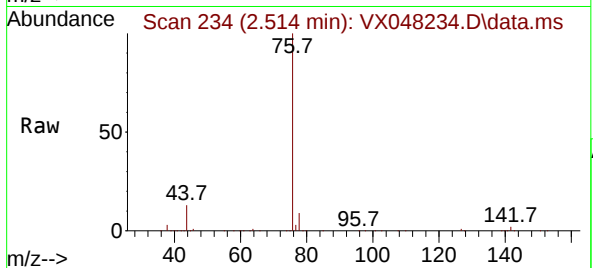
Tgt Ion: 43 Resp: 347029
Ion Ratio Lower Upper
43 100
58 30.0 23.4 35.2





#17
Carbon Disulfide
Concen: 128.936 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

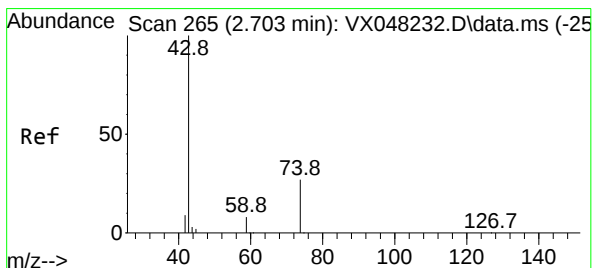
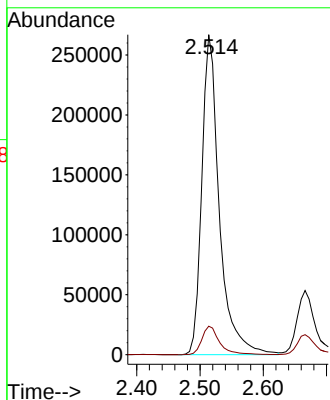
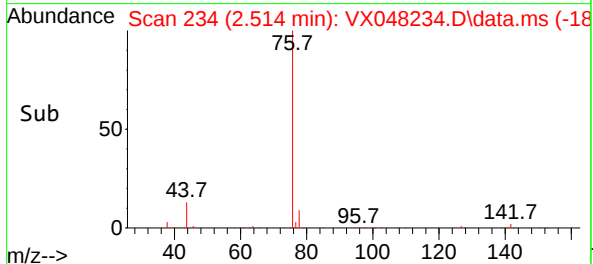
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 76 Resp: 515144
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

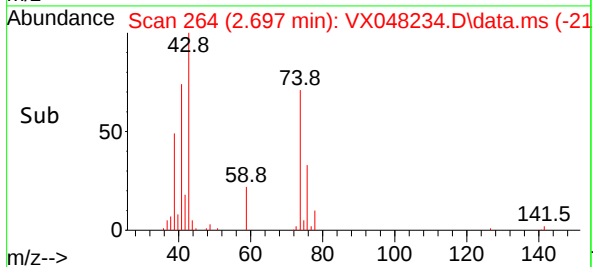
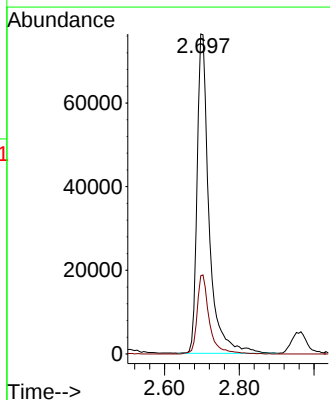
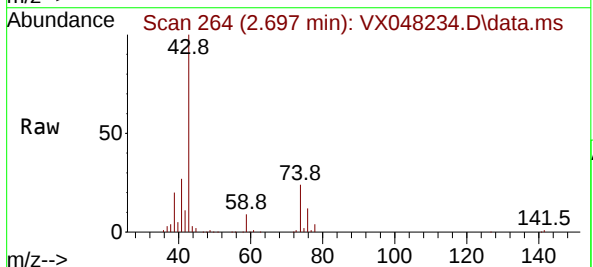
Manual Integrations
APPROVED

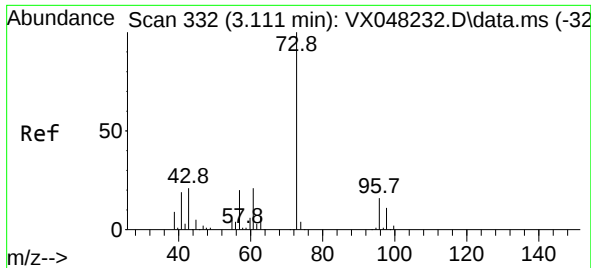
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#18
Methyl Acetate
Concen: 140.438 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

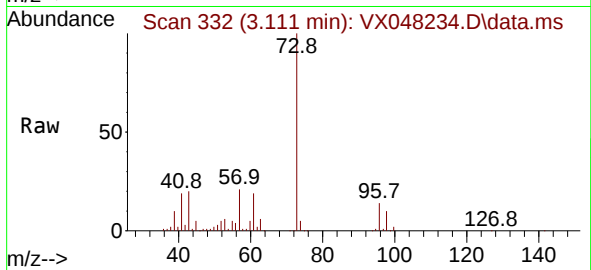
Tgt Ion: 43 Resp: 169402
Ion Ratio Lower Upper
43 100
74 25.2 17.5 26.3





#19
Methyl tert-butyl Ether
Concen: 151.611 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

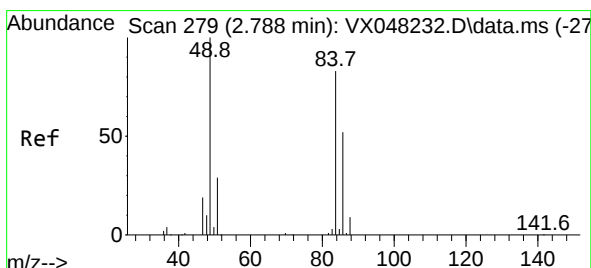
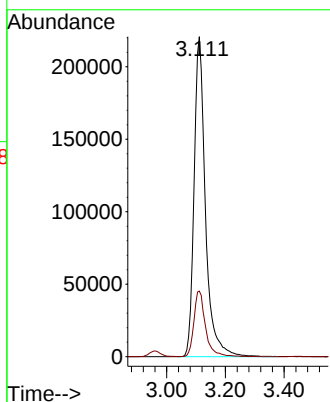
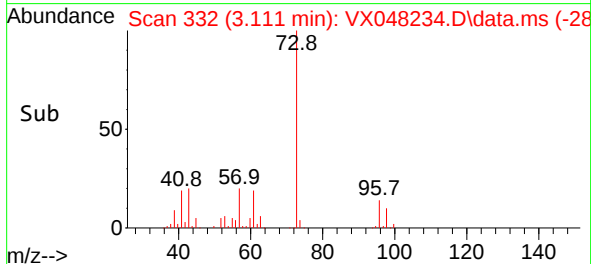
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 73 Resp: 59303
Ion Ratio Lower Upper
73 100
57 20.5 17.7 26.5

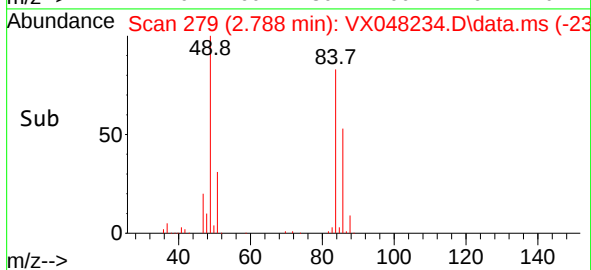
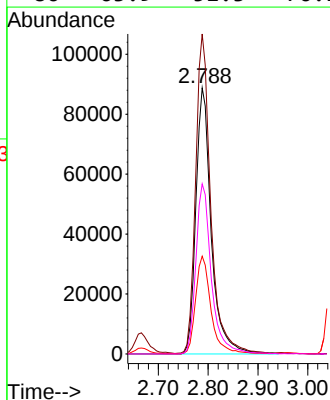
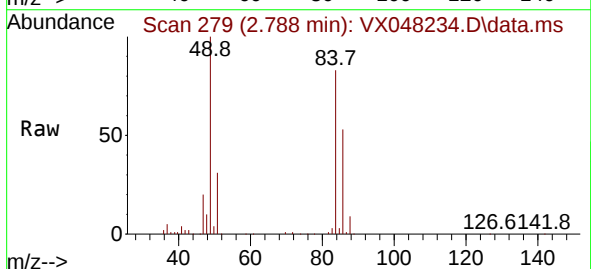
Manual Integrations
APPROVED

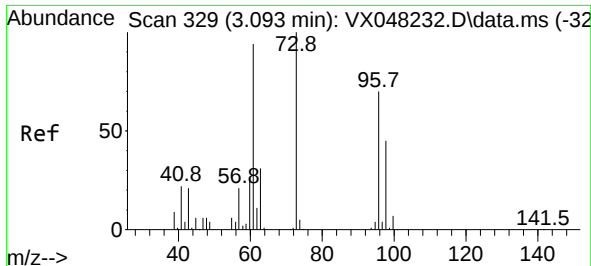
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#20
Methylene Chloride
Concen: 132.030 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

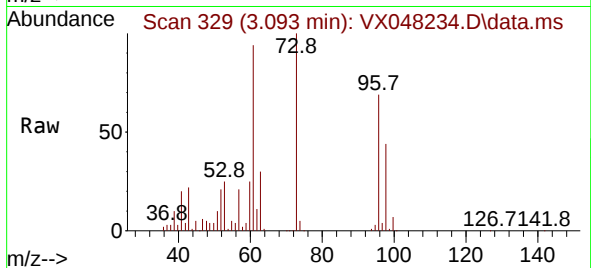
Tgt Ion: 84 Resp: 190483
Ion Ratio Lower Upper
84 100
49 120.0 104.1 156.1
51 36.7 31.3 46.9
86 63.9 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 139.566 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

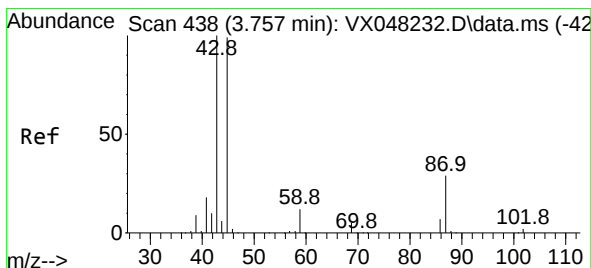
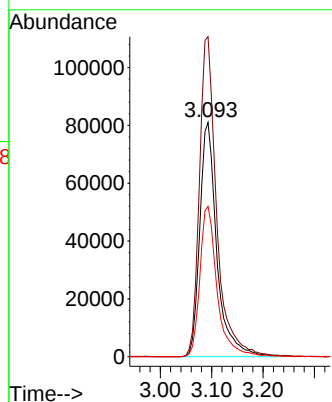
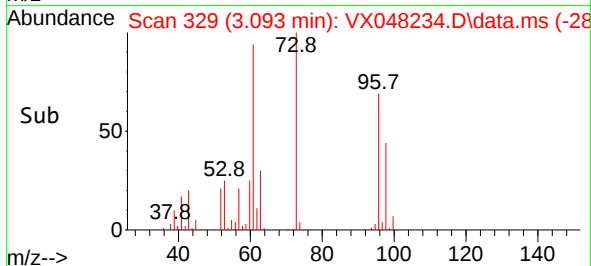
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 96 Resp: 187495
Ion Ratio Lower Upper
96 100
61 136.6 111.9 167.9
98 64.1 51.2 76.8

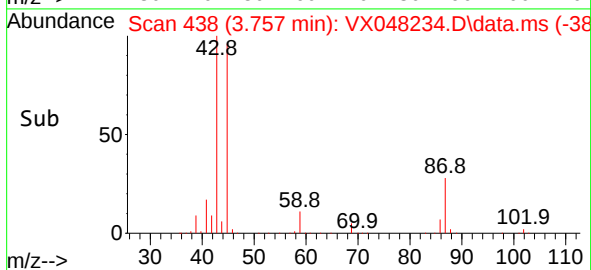
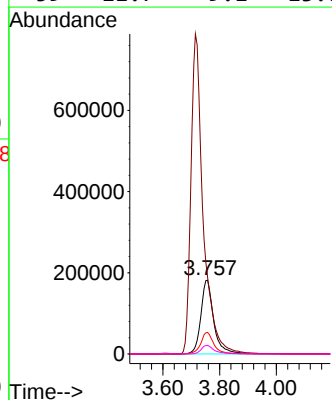
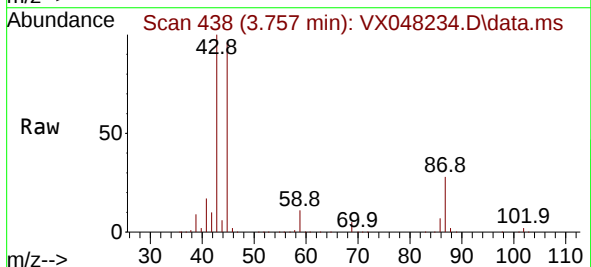
Manual Integrations
APPROVED

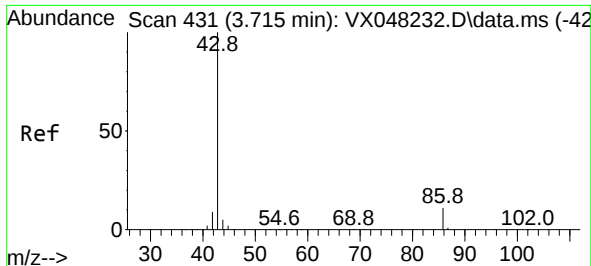
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#22
Diisopropyl ether
Concen: 125.048 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 45 Resp: 571951
Ion Ratio Lower Upper
45 100
43 104.2 89.8 134.8
87 29.4 20.6 31.0
59 11.7 9.1 13.7





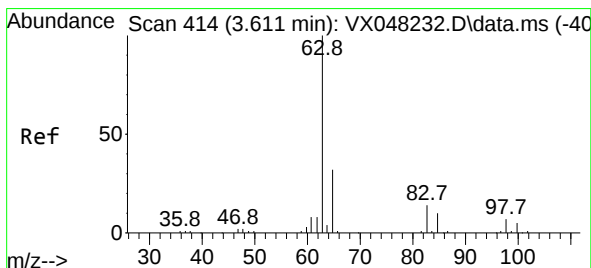
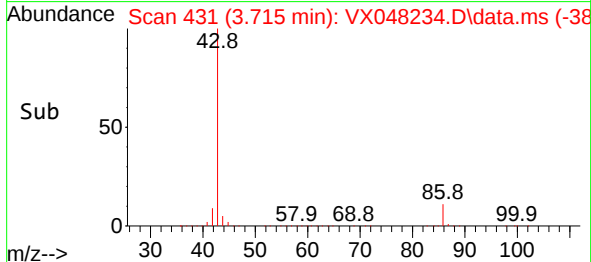
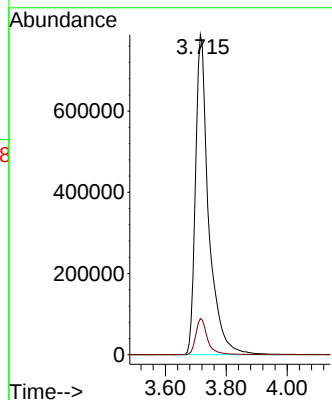
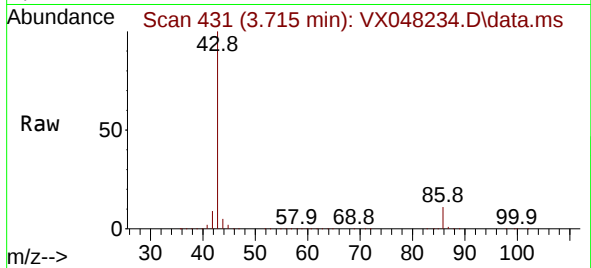
#23
 Vinyl Acetate
 Concen: 692.251 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048234.D
 Acq: 20 Oct 2025 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Tgt Ion: 43 Resp: 236751
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.9 11.9

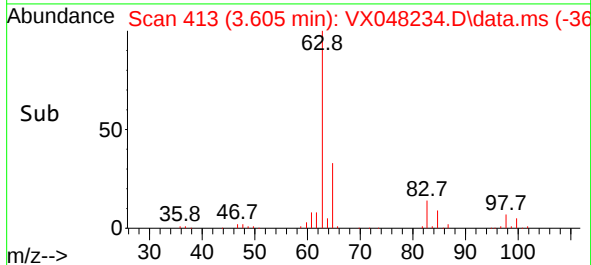
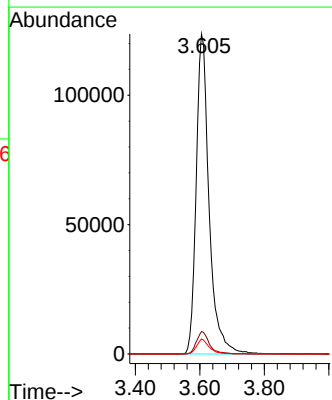
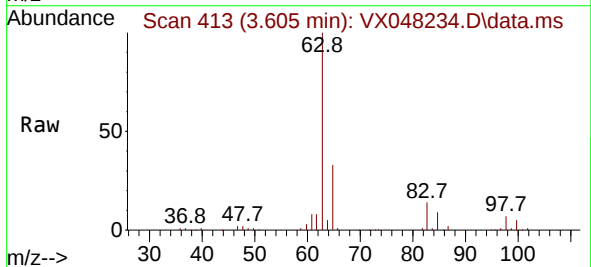
Manual Integrations
 APPROVED

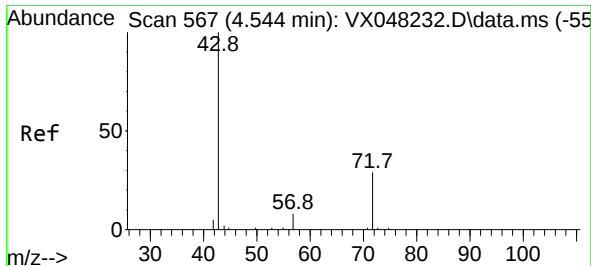
Reviewed By :John Carlone 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025



#24
 1,1-Dichloroethane
 Concen: 131.992 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048234.D
 Acq: 20 Oct 2025 12:43

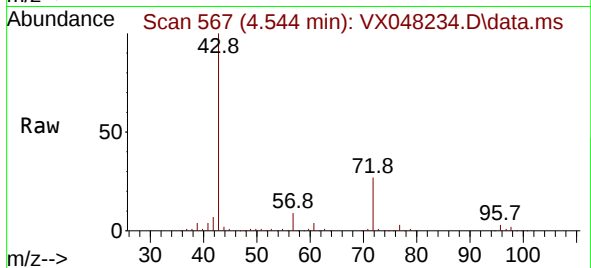
Tgt Ion: 63 Resp: 342500
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.6
 100 4.7 2.1 6.3





#25
2-Butanone
Concen: 706.046 ug/l
RT: 4.544 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

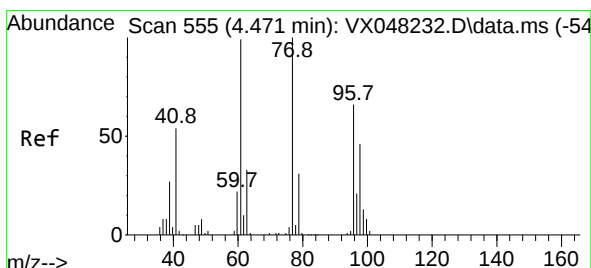
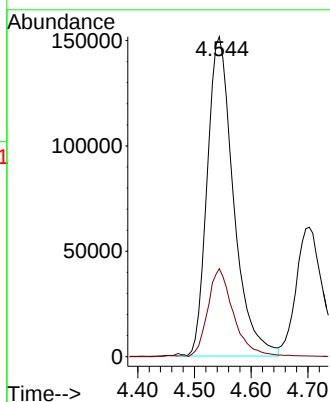
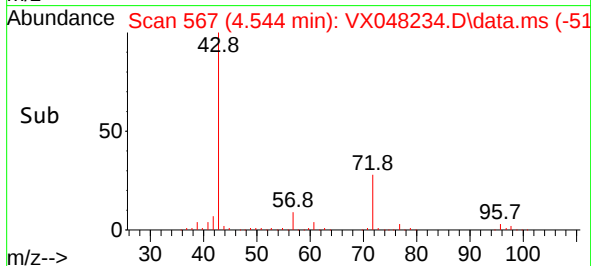
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 487152
Ion Ratio Lower Upper
43 100
72 27.0 19.9 29.9

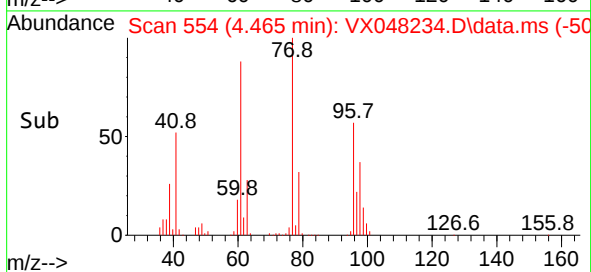
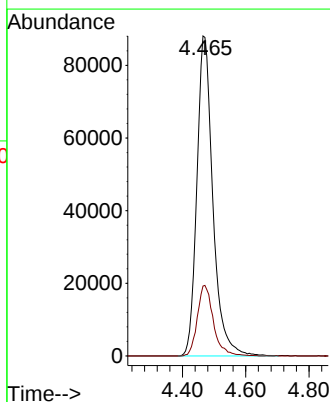
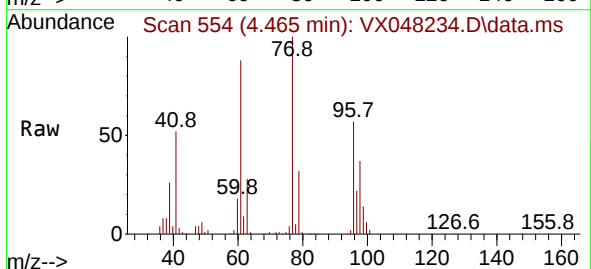
Manual Integrations
APPROVED

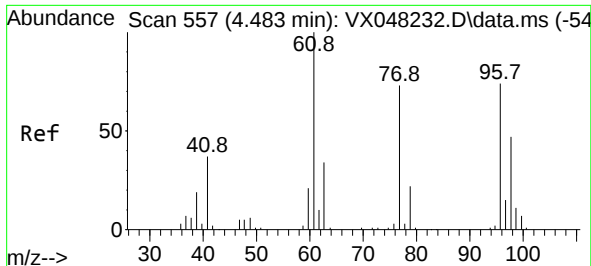
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#26
2,2-Dichloropropane
Concen: 140.027 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 77 Resp: 310572
Ion Ratio Lower Upper
77 100
97 22.2 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 139.465 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 96 Resp: 22235

Ion Ratio Lower Upper

96 100

61 144.4 0.0 294.2

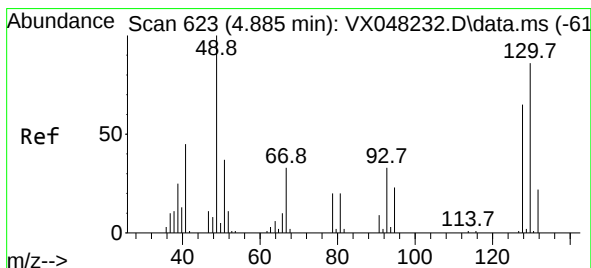
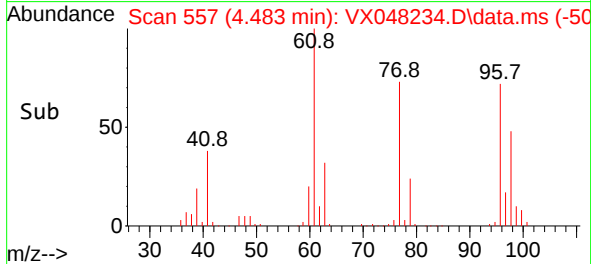
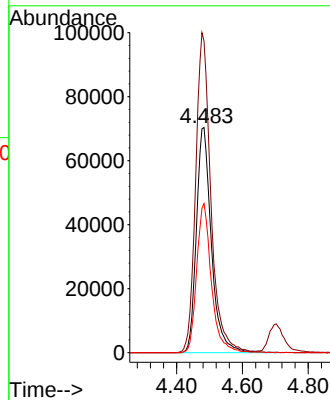
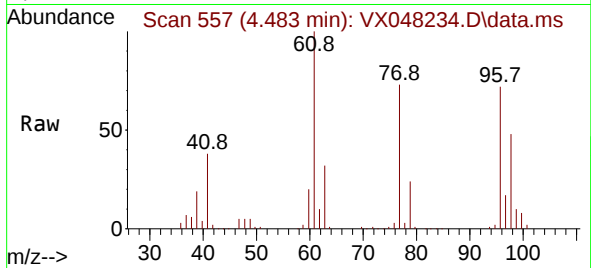
98 65.1 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#28

Bromochloromethane

Concen: 126.922 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.006 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

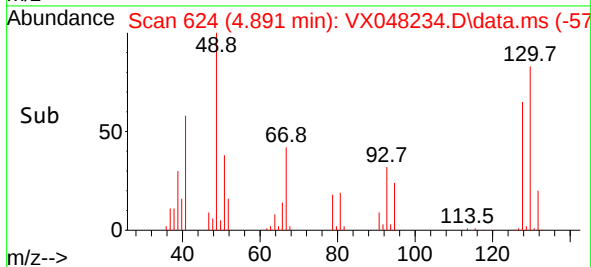
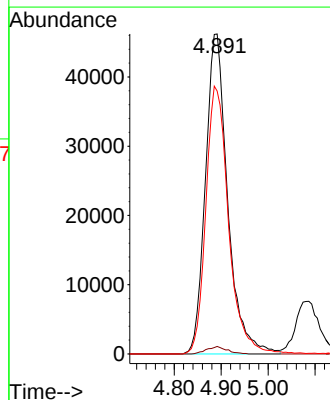
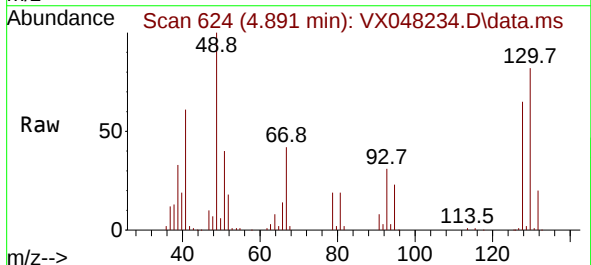
Tgt Ion: 49 Resp: 151812

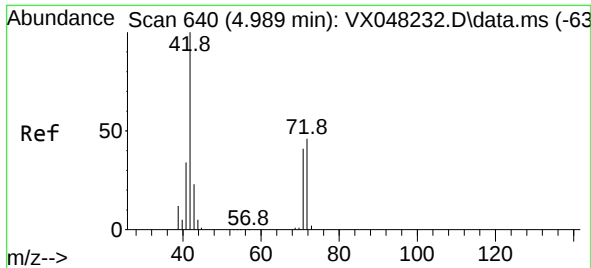
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.4

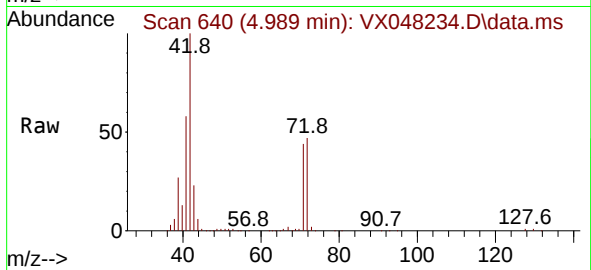
130 85.6 59.3 88.9





#29
Tetrahydrofuran
Concen: 744.697 ug/l
RT: 4.989 min Scan# 640
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

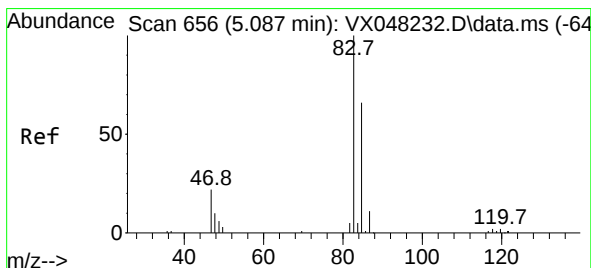
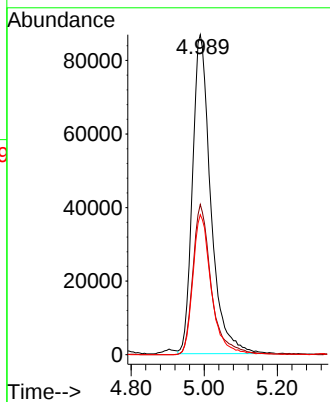
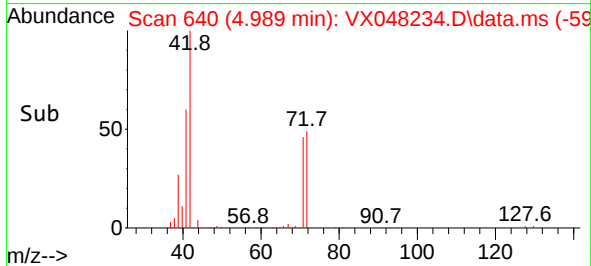
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 42 Resp: 30174
Ion Ratio Lower Upper
42 100
72 47.8 35.3 52.9
71 44.1 32.2 48.4

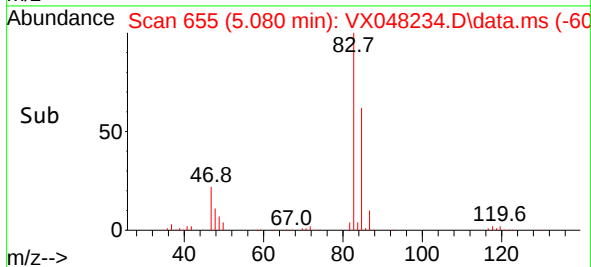
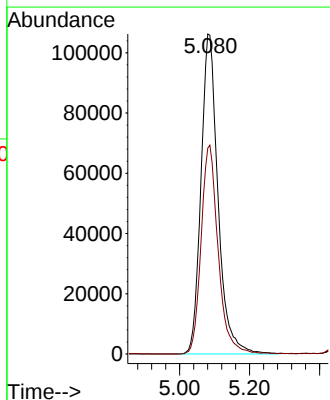
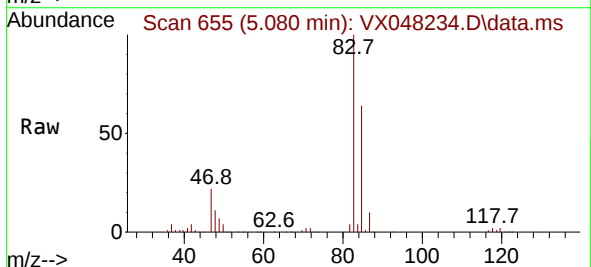
Manual Integrations
APPROVED

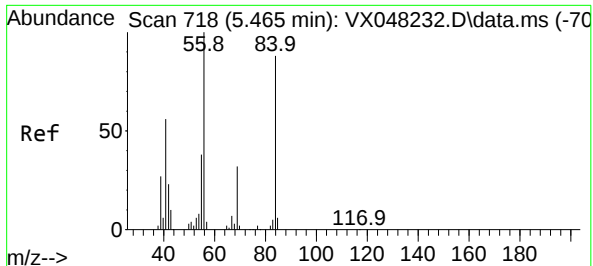
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#30
Chloroform
Concen: 131.272 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

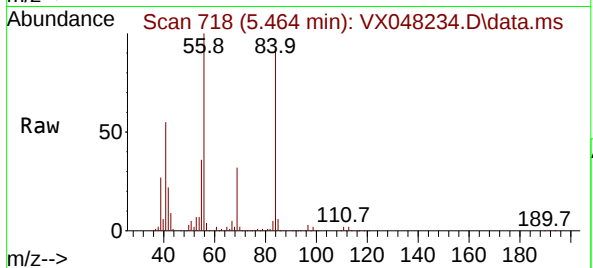
Tgt Ion: 83 Resp: 358626
Ion Ratio Lower Upper
83 100
85 64.3 50.1 75.1





#31
Cyclohexane
Concen: 137.199 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

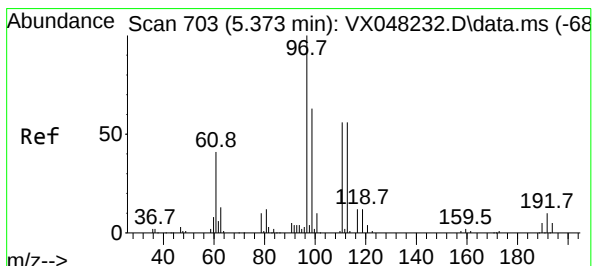
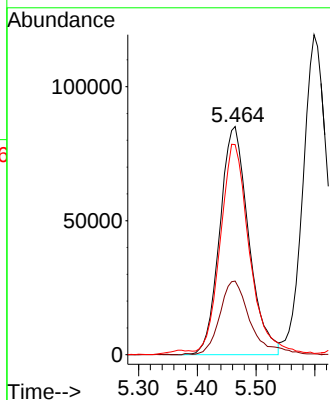
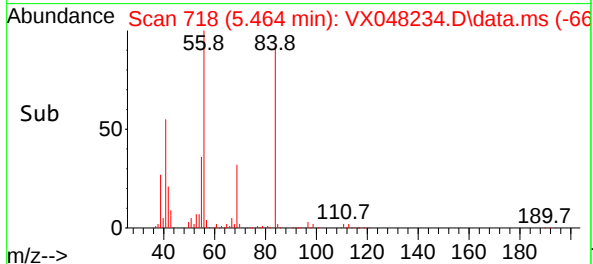
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 291302
Ion Ratio Lower Upper
56 100
69 32.3 23.0 34.6
84 90.1 64.6 97.0

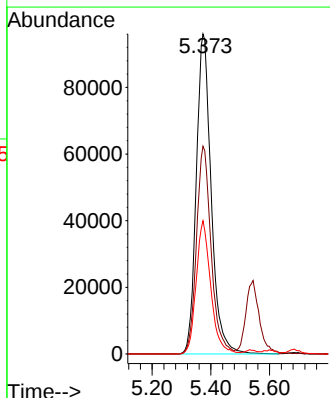
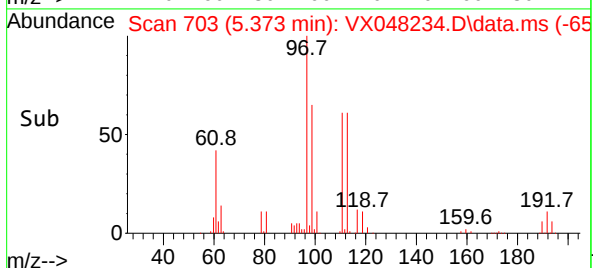
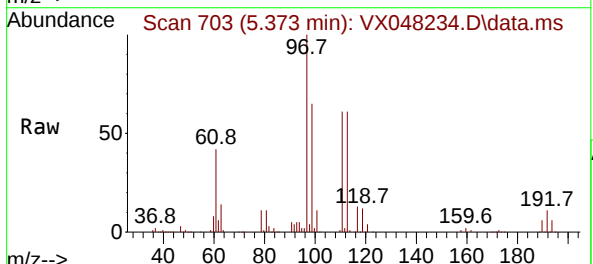
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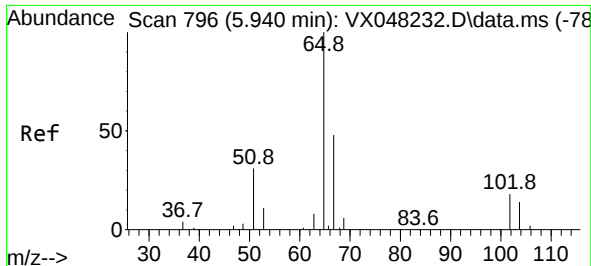
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#32
1,1,1-Trichloroethane
Concen: 150.785 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 97 Resp: 338462
Ion Ratio Lower Upper
97 100
99 63.8 51.7 77.5
61 40.8 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 135.251 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 65 Resp: 23480

Ion Ratio Lower Upper

65 100

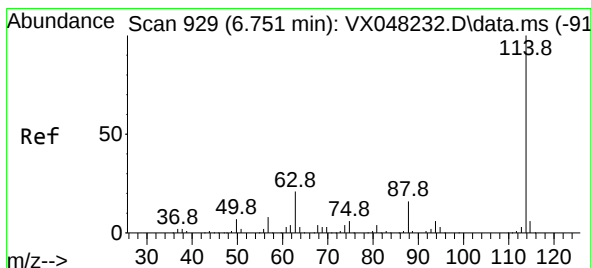
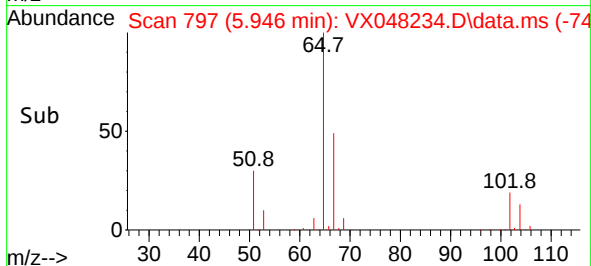
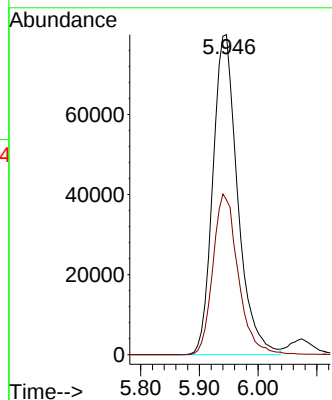
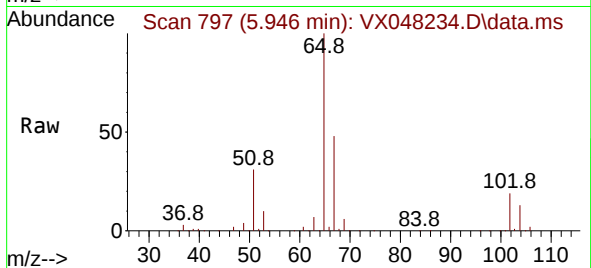
67 51.2 0.0 105.0

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: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

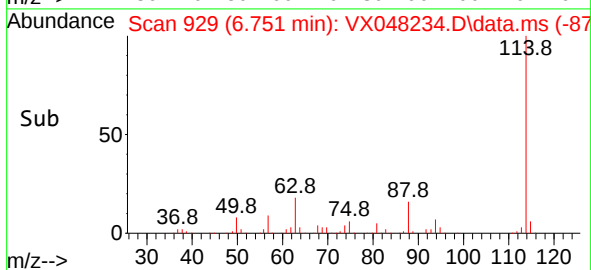
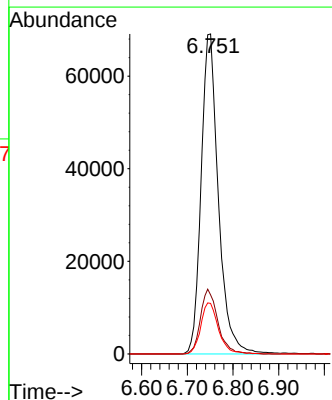
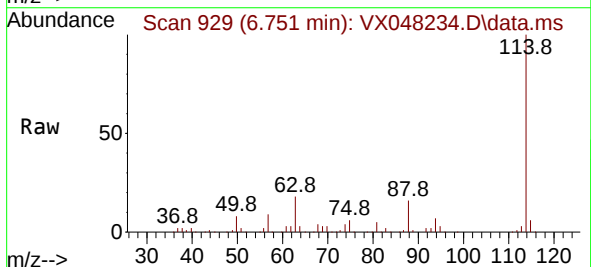
Tgt Ion:114 Resp: 180904

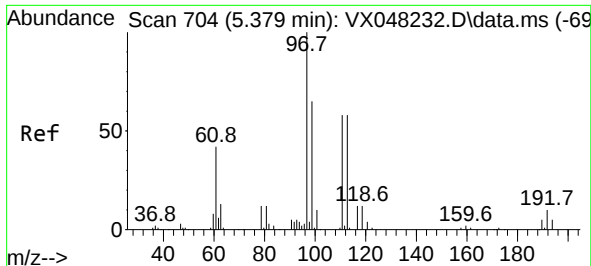
Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

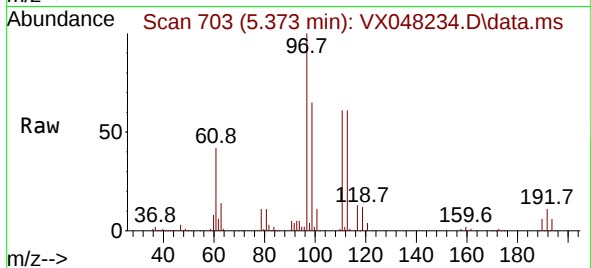
88 15.8 0.0 33.6





#35
Dibromofluoromethane
Concen: 150.393 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

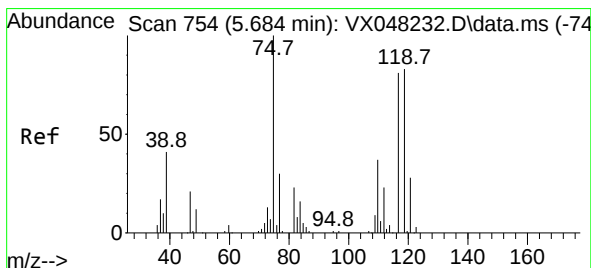
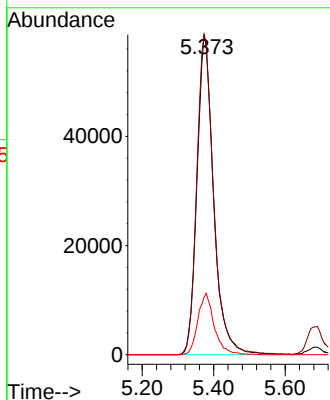
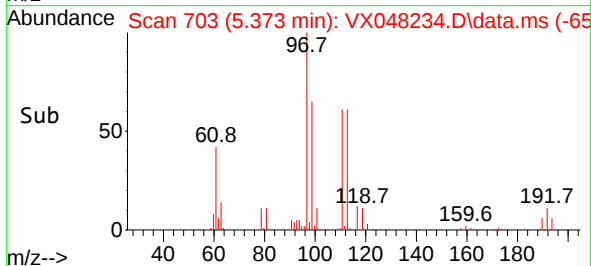
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:113 Resp: 18882
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.4
192 18.8 15.1 22.7

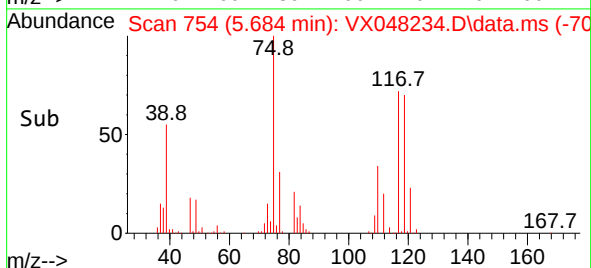
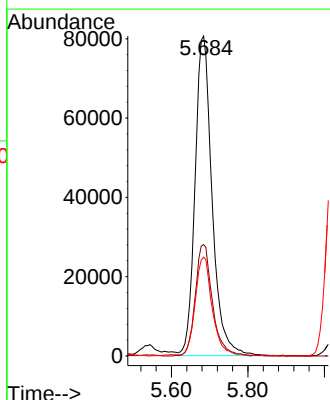
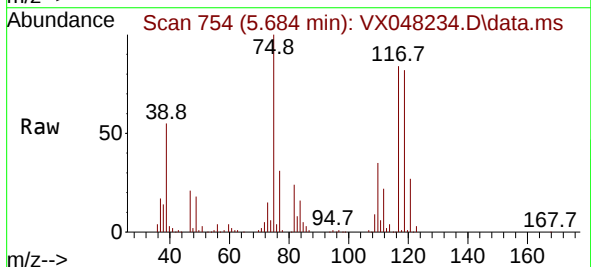
Manual Integrations
APPROVED

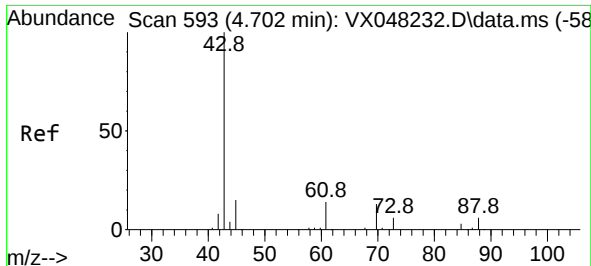
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#36
1,1-Dichloropropene
Concen: 141.173 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 75 Resp: 249688
Ion Ratio Lower Upper
75 100
110 35.0 17.7 53.1
77 31.2 24.3 36.5





#37

Ethyl Acetate

Concen: 147.588 ug/l

RT: 4.702 min Scan# 593

Delta R.T. 0.006 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

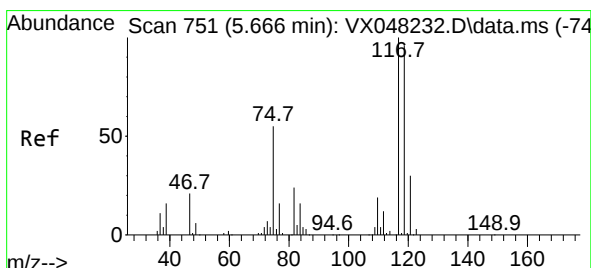
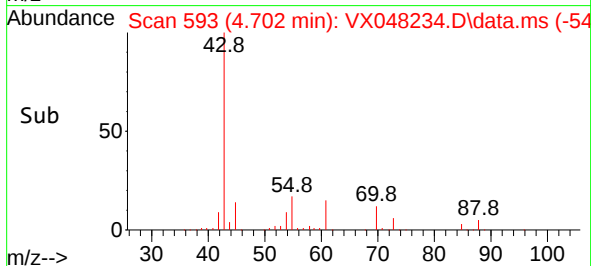
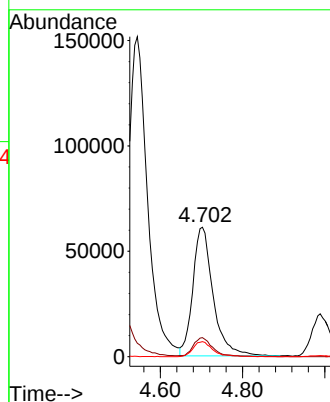
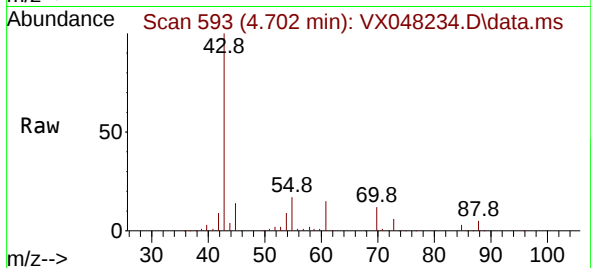
Tgt Ion: 43 Resp: 208614
Ion Ratio Lower Upper
43 100
61 14.1 10.6 15.8
70 11.2 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#38

Carbon Tetrachloride

Concen: 151.663 ug/l

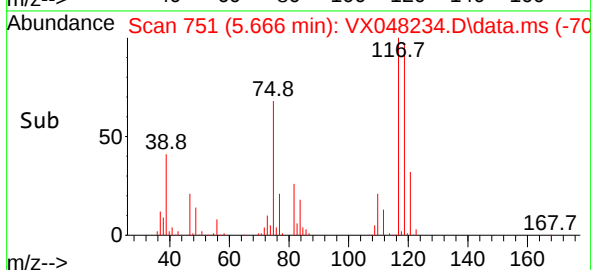
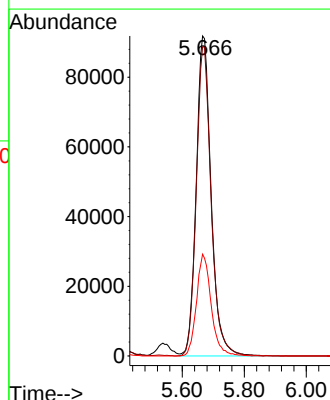
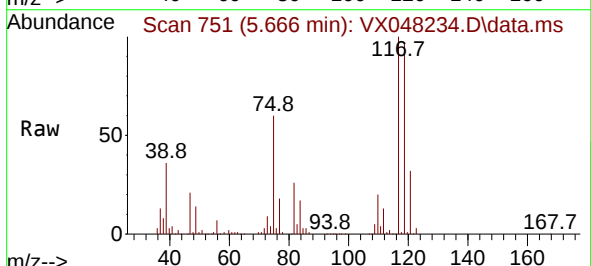
RT: 5.666 min Scan# 751

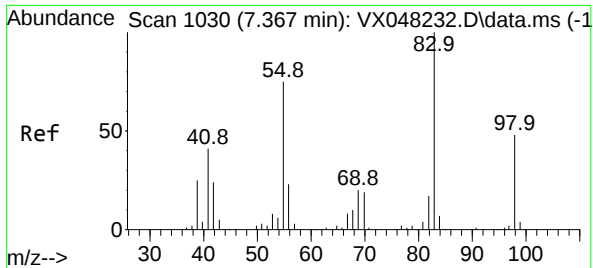
Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

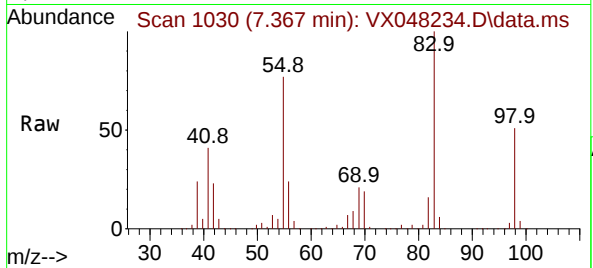
Tgt Ion:117 Resp: 307892
Ion Ratio Lower Upper
117 100
119 96.6 77.2 115.8
121 31.8 24.8 37.2





#39
Methylcyclohexane
Concen: 158.416 ug/l
RT: 7.367 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

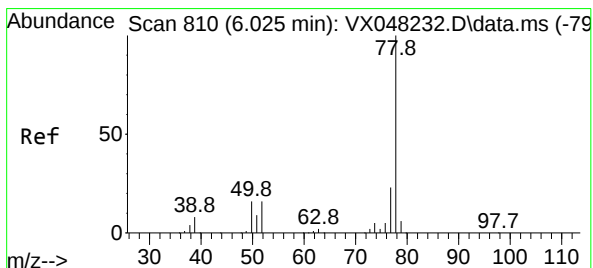
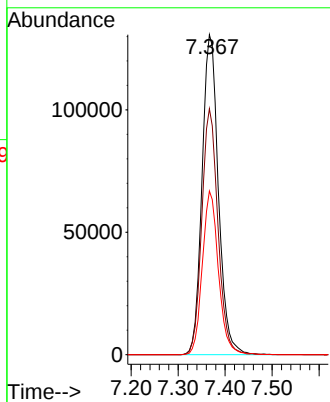
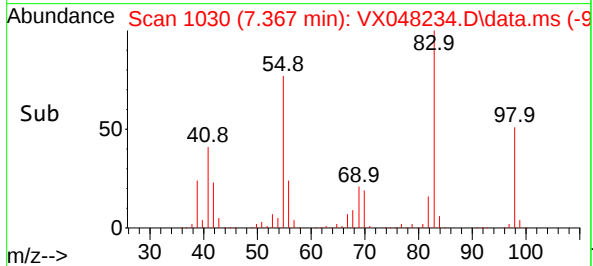
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 31591
Ion Ratio Lower Upper
83 100
55 76.9 66.2 99.2
98 51.1 38.9 58.3

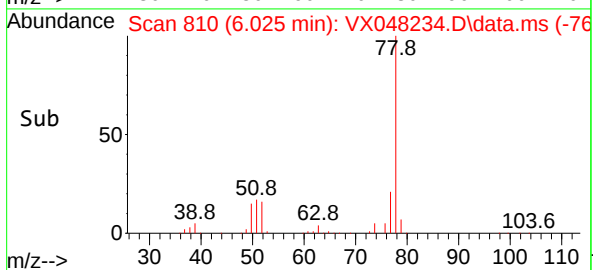
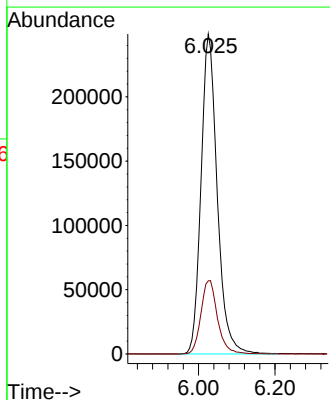
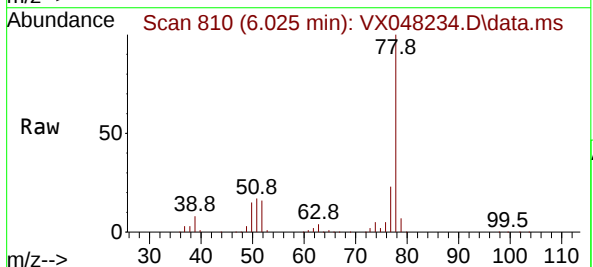
Manual Integrations
APPROVED

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



#40
Benzene
Concen: 139.172 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

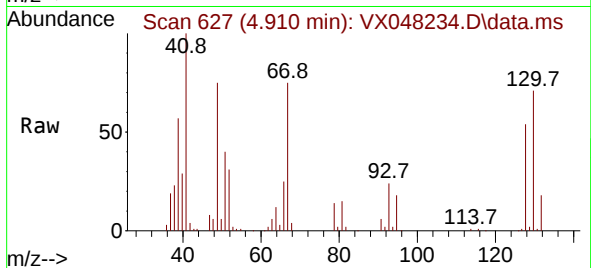
Tgt Ion: 78 Resp: 730908
Ion Ratio Lower Upper
78 100
77 22.8 19.3 28.9





#41
Methacrylonitrile
Concen: 152.378 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

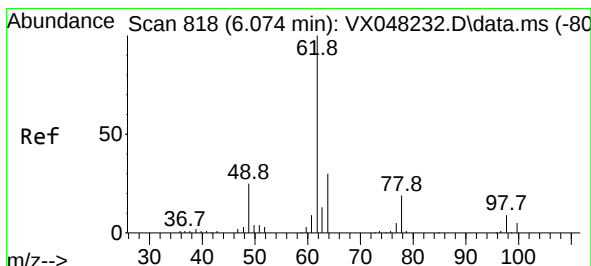
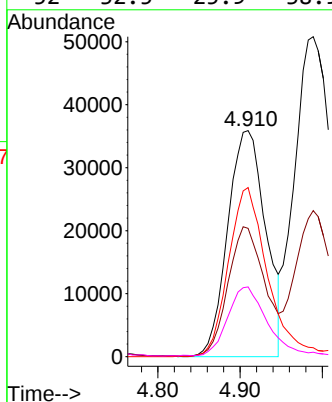
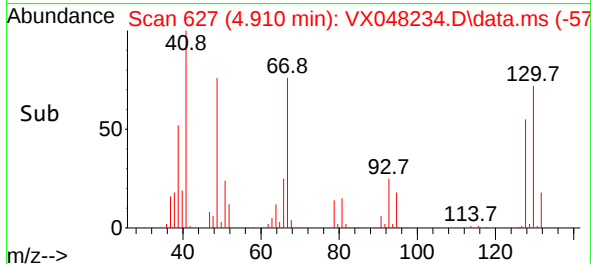
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 41 Resp: 11535
Ion Ratio Lower Upper
41 100
39 55.0 44.0 66.0
67 78.1 58.7 88.1
52 32.5 25.9 38.9

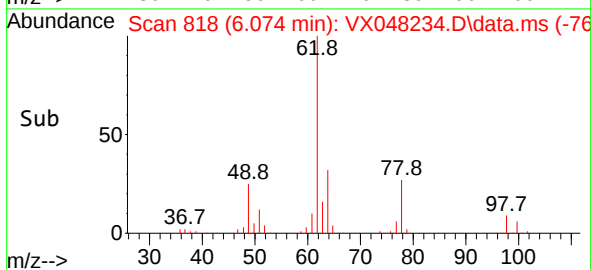
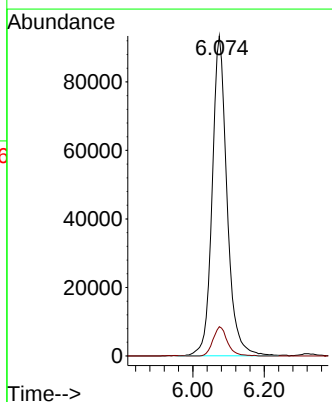
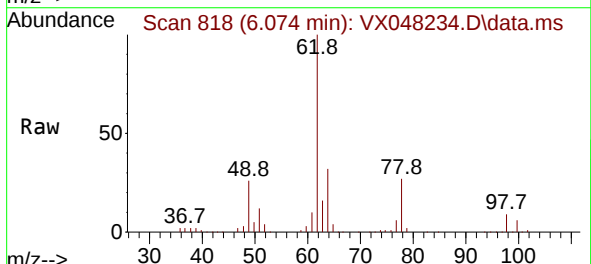
Manual Integrations
APPROVED

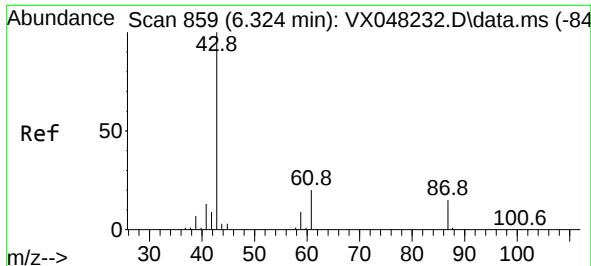
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#42
1,2-Dichloroethane
Concen: 143.093 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

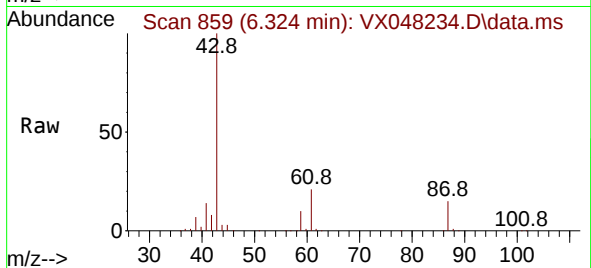
Tgt Ion: 62 Resp: 269245
Ion Ratio Lower Upper
62 100
98 8.9 0.0 17.2





#43
Isopropyl Acetate
Concen: 152.180 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

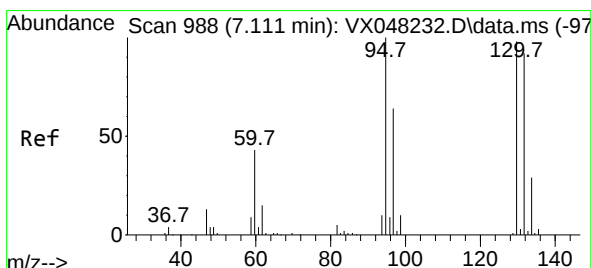
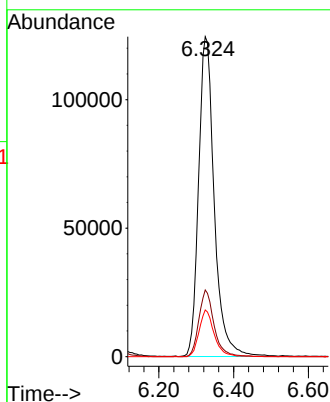
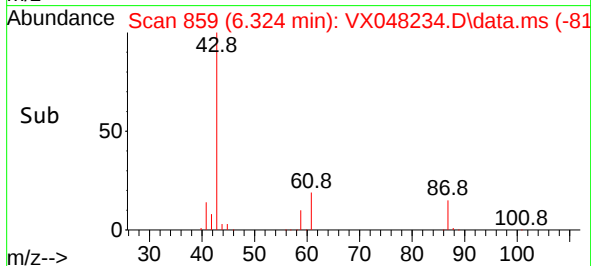
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 361084
Ion Ratio Lower Upper
43 100
61 20.2 14.9 22.3
87 14.0 9.4 14.2

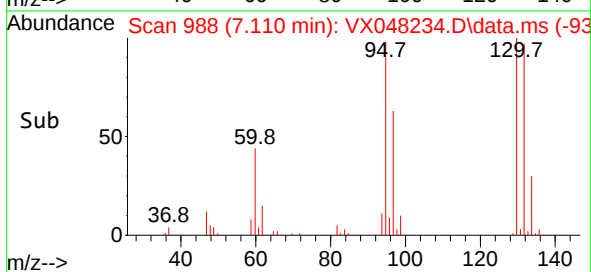
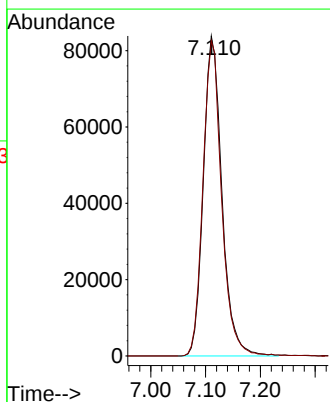
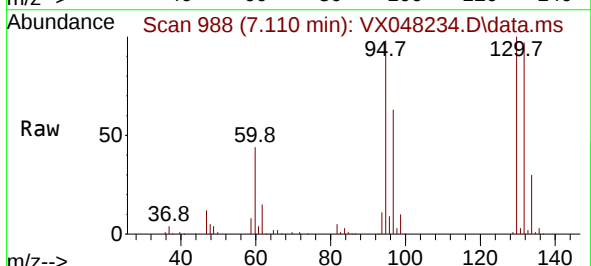
Manual Integrations
APPROVED

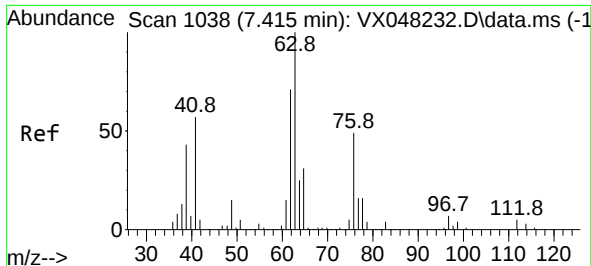
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#44
Trichloroethene
Concen: 149.022 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:130 Resp: 197244
Ion Ratio Lower Upper
130 100
95 98.5 0.0 200.6





#45

1,2-Dichloropropane

Concen: 135.890 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 180619

Ion Ratio Lower Upper

63 100

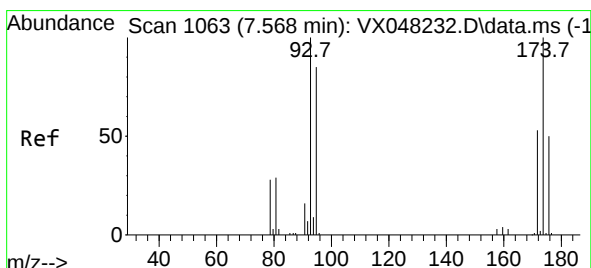
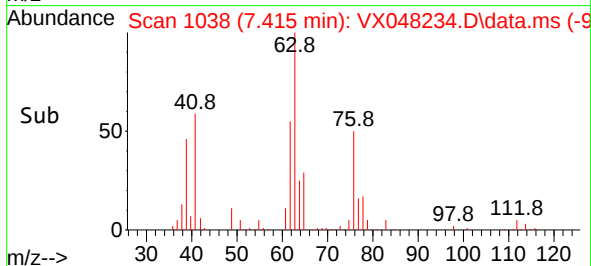
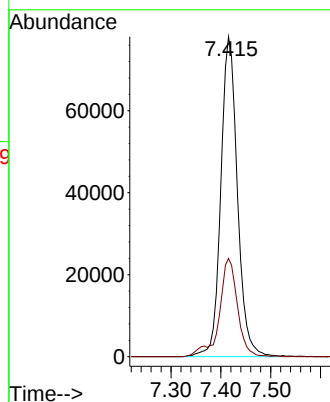
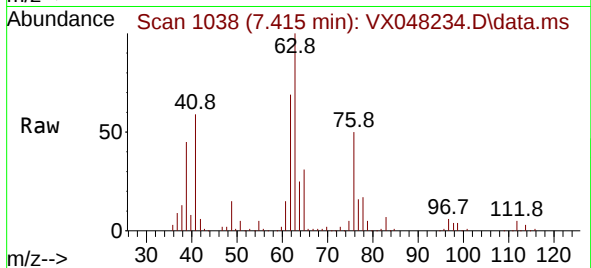
65 30.7 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#46

Dibromomethane

Concen: 141.273 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

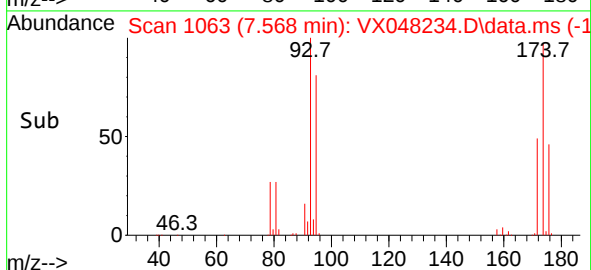
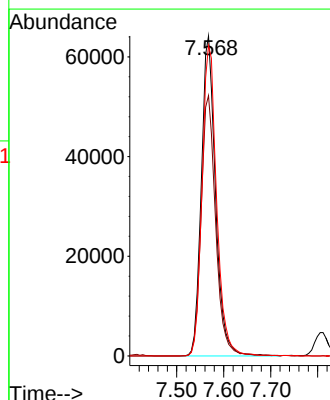
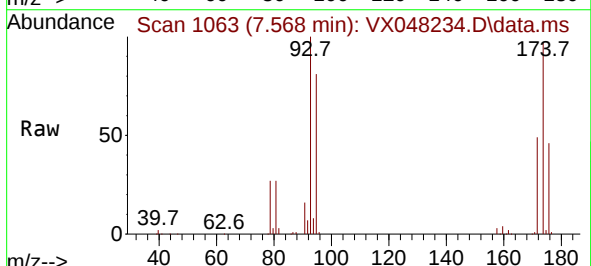
Tgt Ion: 93 Resp: 135105

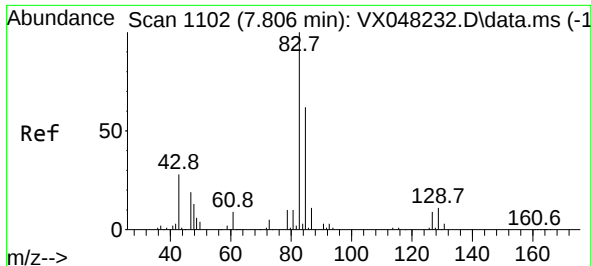
Ion Ratio Lower Upper

93 100

95 82.9 65.9 98.9

174 99.5 71.7 107.5





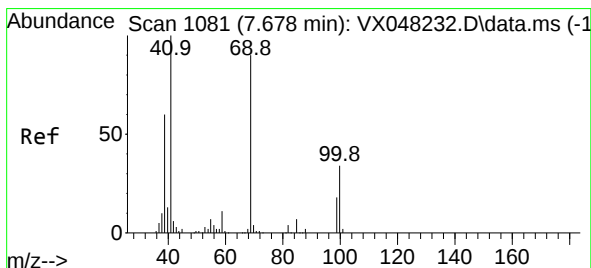
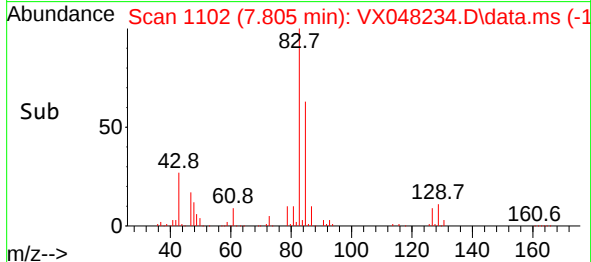
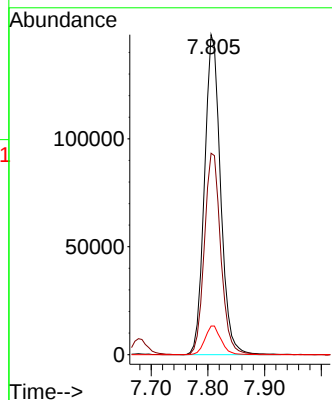
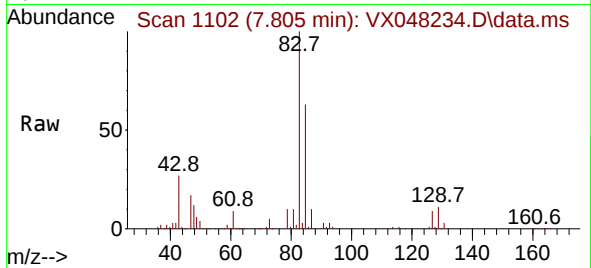
#47
Bromodichloromethane
Concen: 141.302 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 292063
Ion Ratio Lower Upper
83 100
85 62.9 52.2 78.4
127 8.9 7.3 10.9

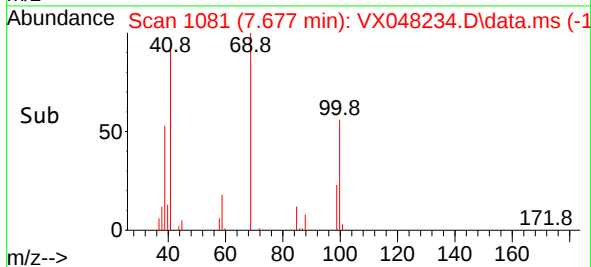
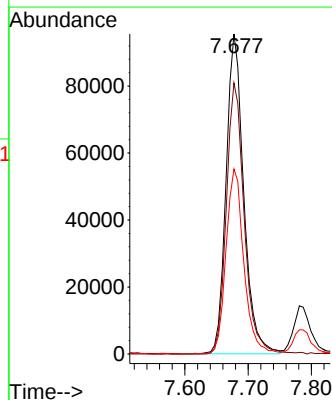
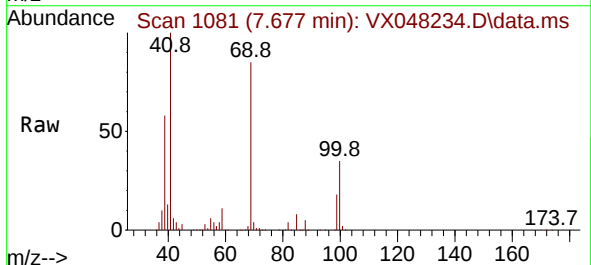
Manual Integrations
APPROVED

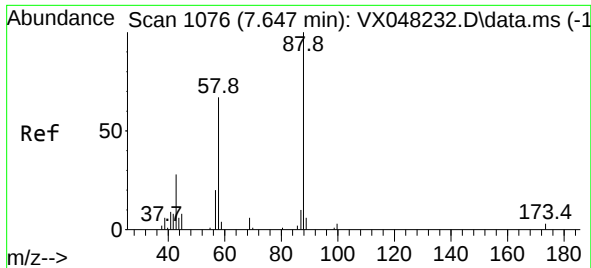
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#48
Methyl methacrylate
Concen: 151.780 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

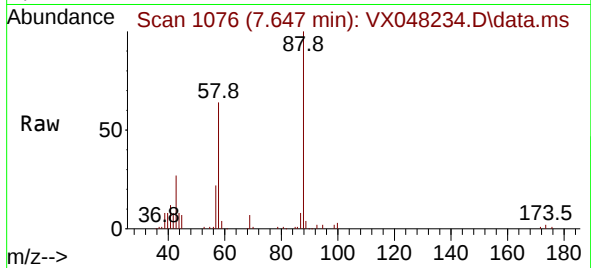
Tgt Ion: 41 Resp: 184354
Ion Ratio Lower Upper
41 100
69 86.0 63.4 95.0
39 58.5 47.1 70.7





#49
1,4-Dioxane
Concen: 4563.512 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

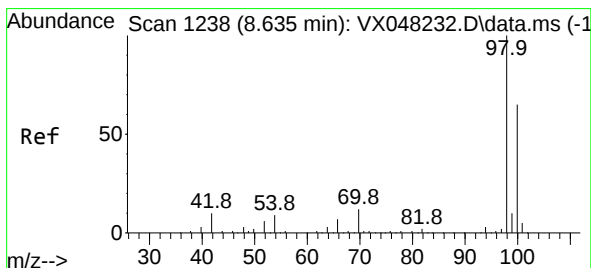
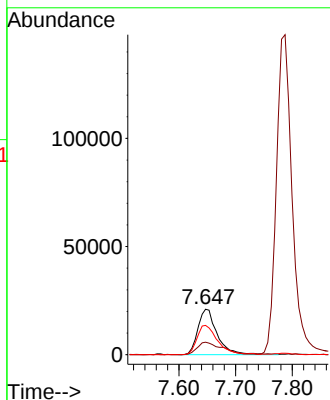
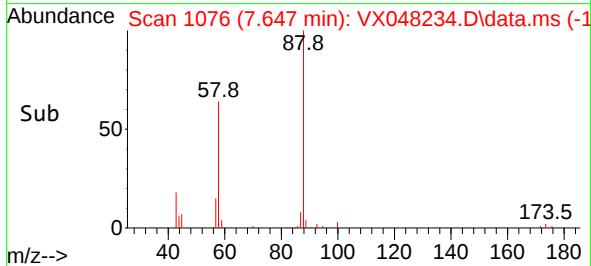
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 88 Resp: 4989
Ion Ratio Lower Upper
88 100
43 35.6 35.0 52.4
58 67.7 61.9 92.9

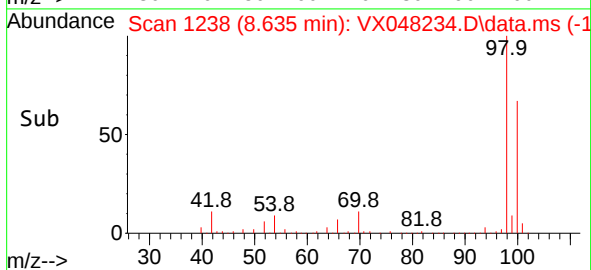
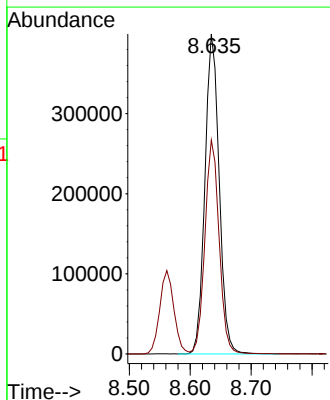
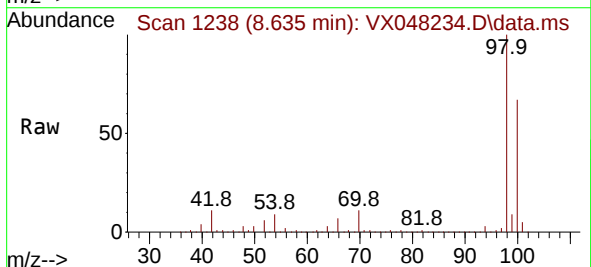
Manual Integrations
APPROVED

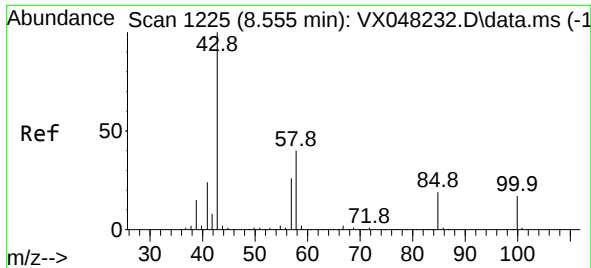
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#50
Toluene-d8
Concen: 143.408 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 98 Resp: 648652
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4





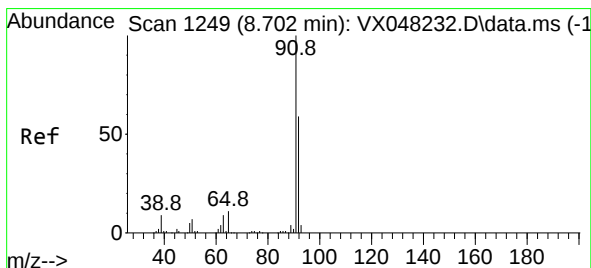
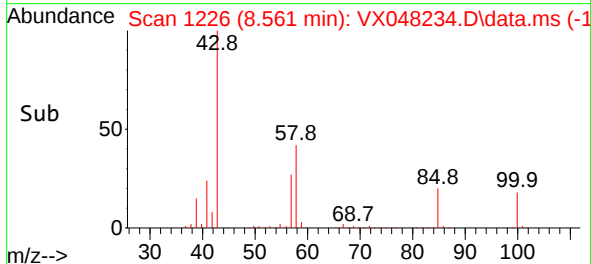
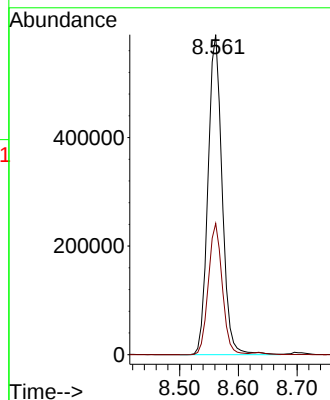
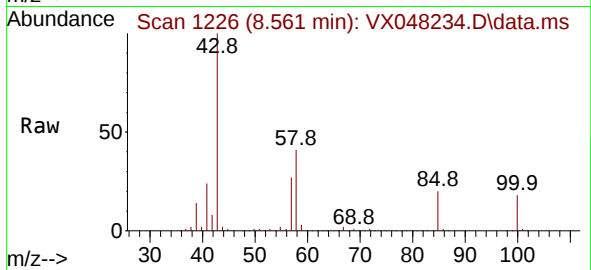
#51
4-Methyl-2-Pentanone
Concen: 744.604 ug/l
RT: 8.561 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 983125
Ion Ratio Lower Upper
43 100
58 40.4 29.5 44.3

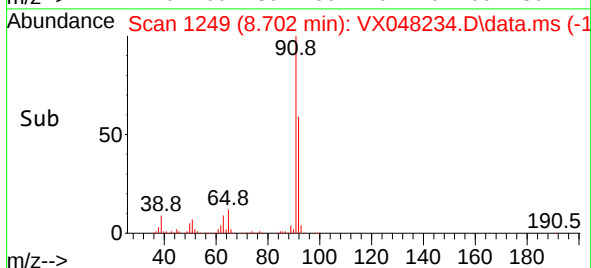
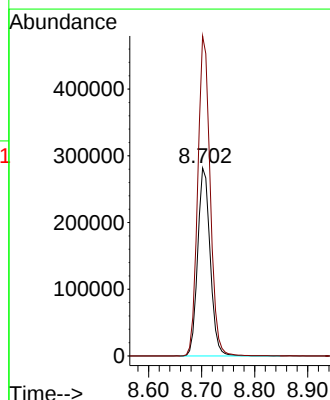
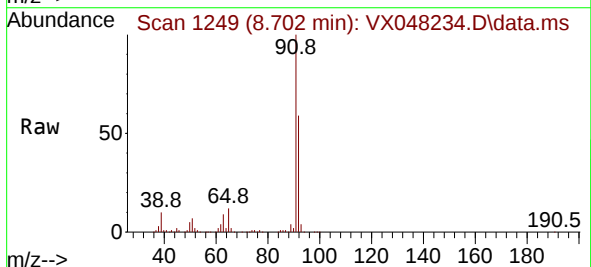
Manual Integrations
APPROVED

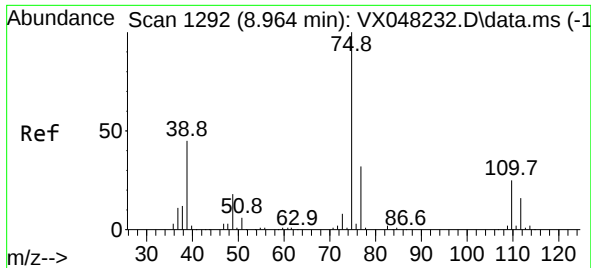
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#52
Toluene
Concen: 145.964 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 92 Resp: 460742
Ion Ratio Lower Upper
92 100
91 169.1 136.1 204.1





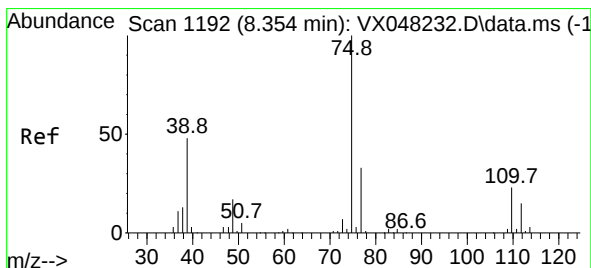
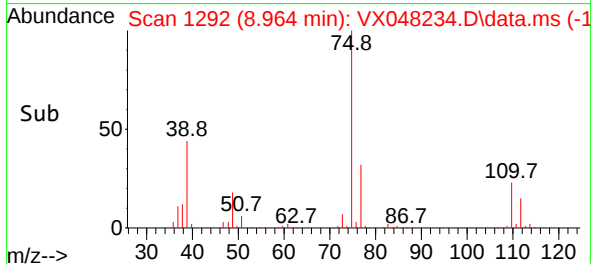
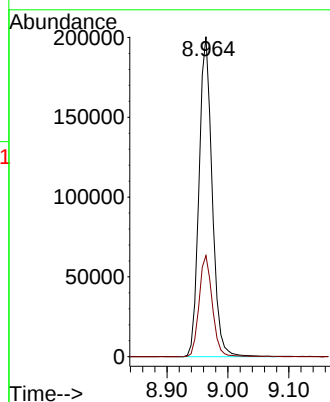
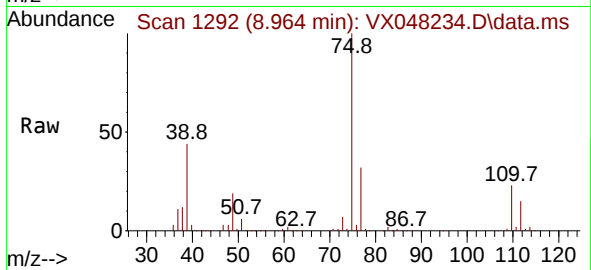
#53
 t-1,3-Dichloropropene
 Concen: 155.059 ug/l
 RT: 8.964 min Scan# 1192
 Delta R.T. -0.000 min
 Lab File: VX048234.D
 Acq: 20 Oct 2025 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 75 Resp: 30025
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.0 37.6

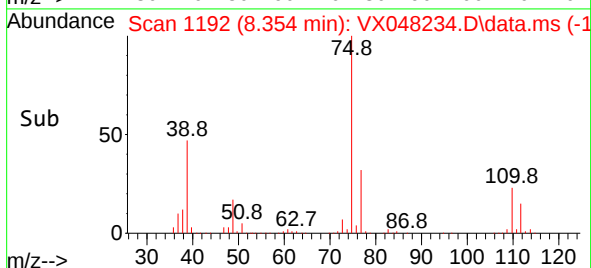
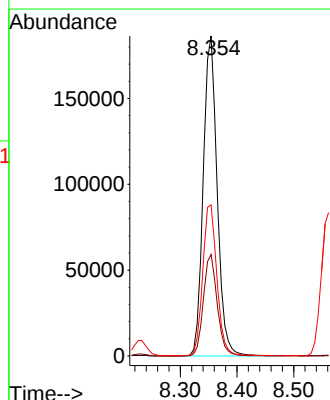
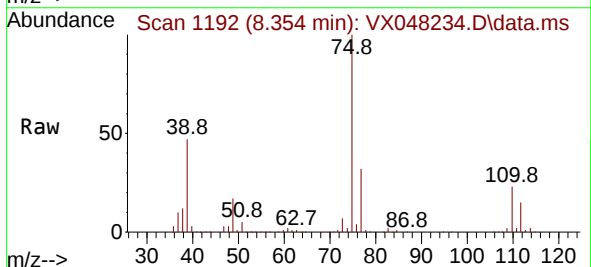
Manual Integrations
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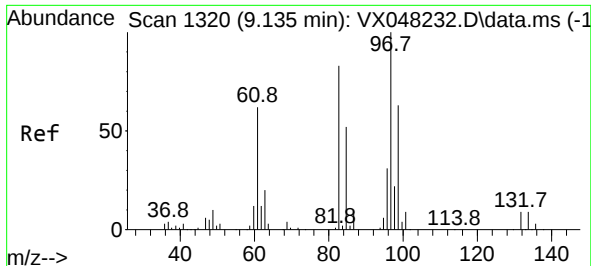
Reviewed By :John Carlone 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025



#54
 cis-1,3-Dichloropropene
 Concen: 150.373 ug/l
 RT: 8.354 min Scan# 1192
 Delta R.T. 0.006 min
 Lab File: VX048234.D
 Acq: 20 Oct 2025 12:43

Tgt Ion: 75 Resp: 317375
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.9 37.3
 39 47.1 42.6 64.0





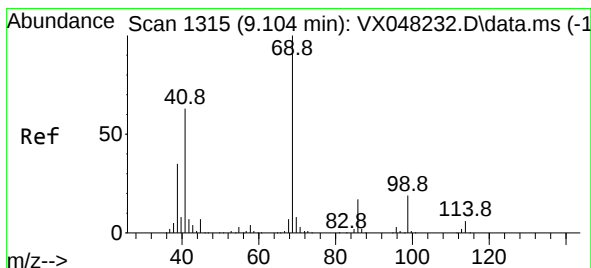
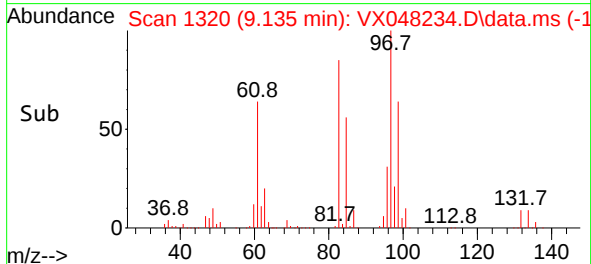
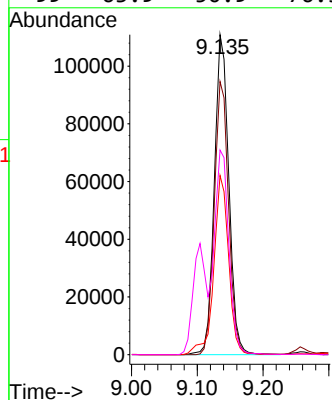
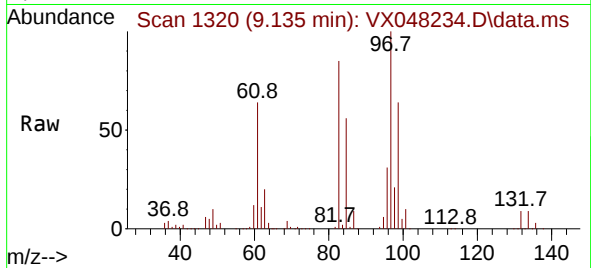
#55
1,1,2-Trichloroethane
Concen: 144.250 ug/l
RT: 9.135 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 97 Resp: 169894
Ion Ratio Lower Upper
97 100
83 85.4 70.6 105.8
85 56.0 45.0 67.6
99 63.9 50.9 76.3

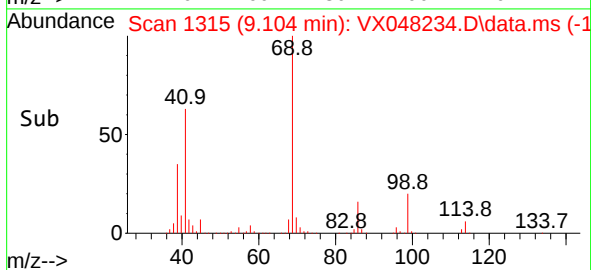
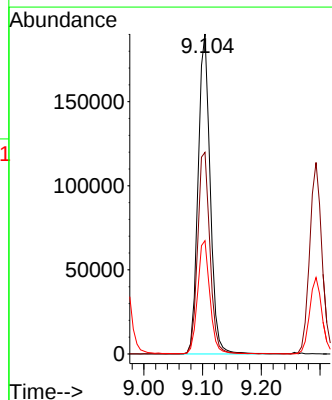
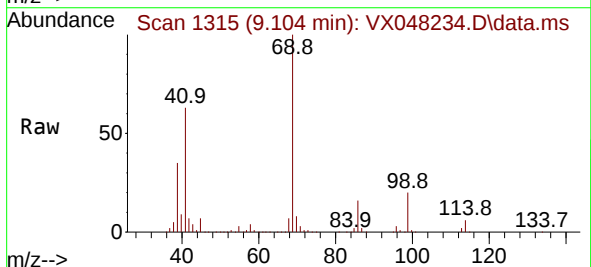
Manual Integrations
APPROVED

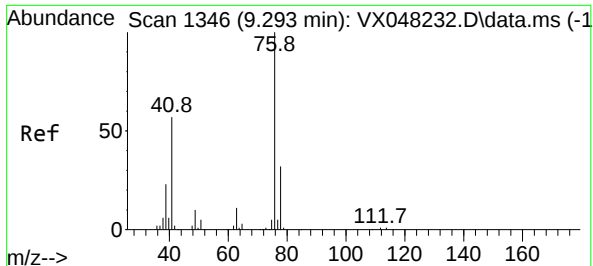
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#56
Ethyl methacrylate
Concen: 169.911 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 69 Resp: 272177
Ion Ratio Lower Upper
69 100
41 64.4 56.0 84.0
39 36.1 31.6 47.4





#57

1,3-Dichloropropane

Concen: 142.707 ug/l

RT: 9.293 min Scan# 1171

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 76 Resp: 293650

Ion Ratio Lower Upper

76 100

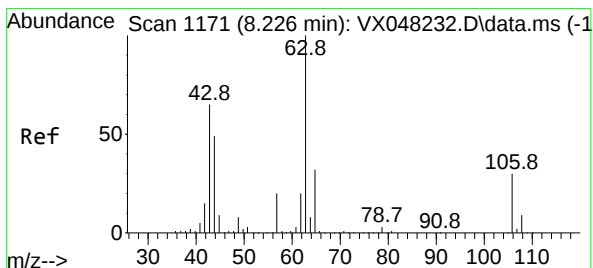
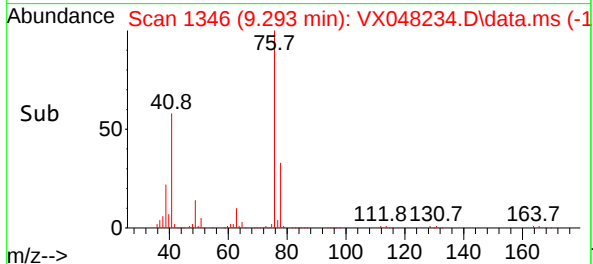
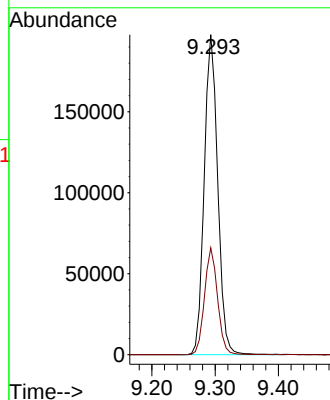
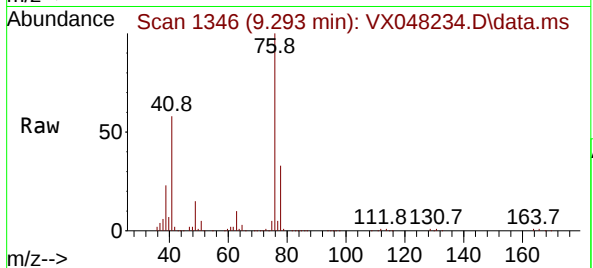
78 32.3 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 858.056 ug/l

RT: 8.232 min Scan# 1172

Delta R.T. 0.006 min

Lab File: VX048234.D

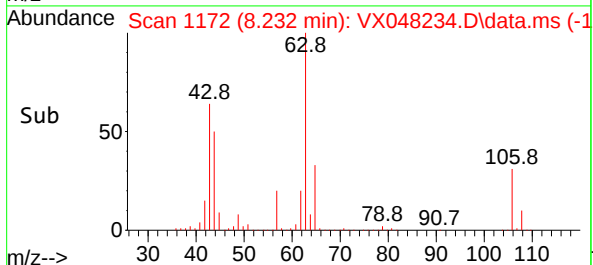
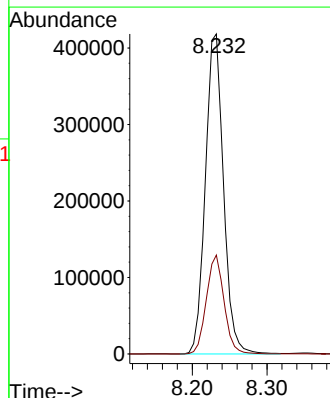
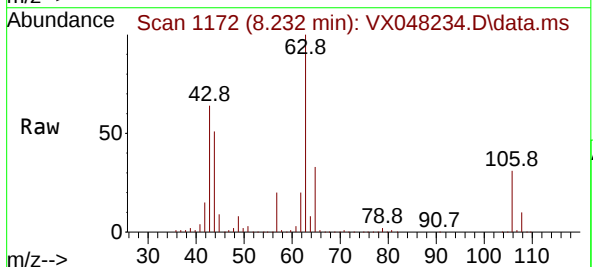
Acq: 20 Oct 2025 12:43

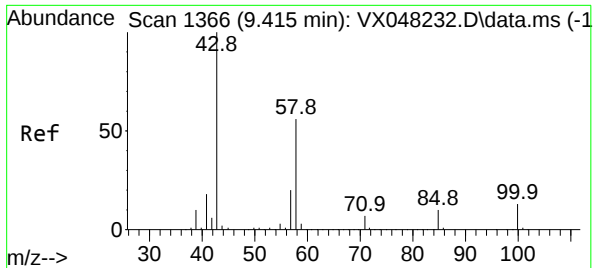
Tgt Ion: 63 Resp: 705780

Ion Ratio Lower Upper

63 100

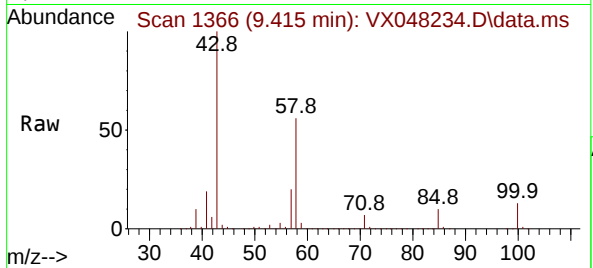
106 30.2 22.2 33.2





#59
2-Hexanone
Concen: 752.256 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

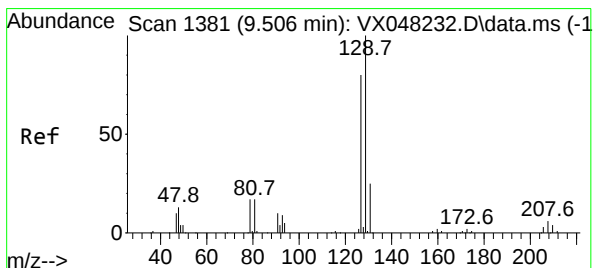
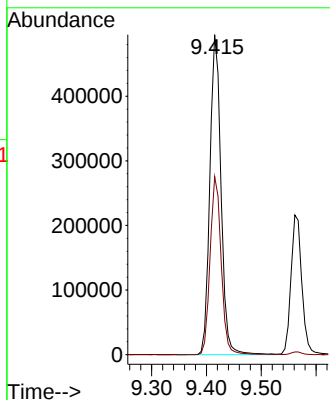
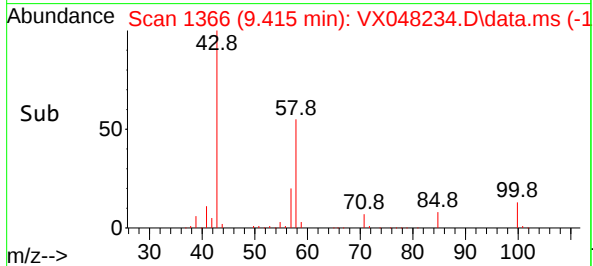
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 694730
Ion Ratio Lower Upper
43 100
58 55.6 26.3 78.8

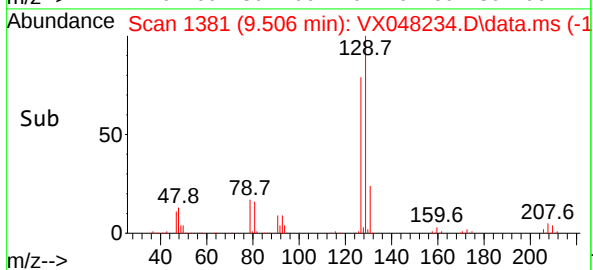
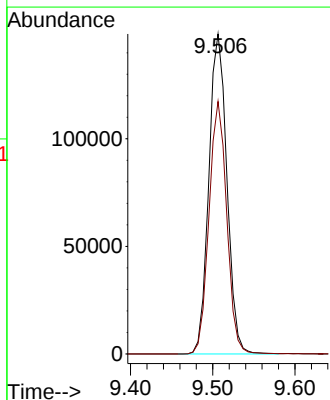
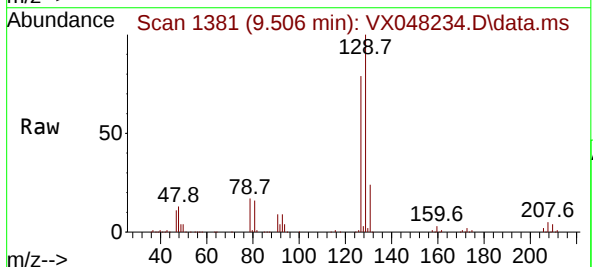
Manual Integrations
APPROVED

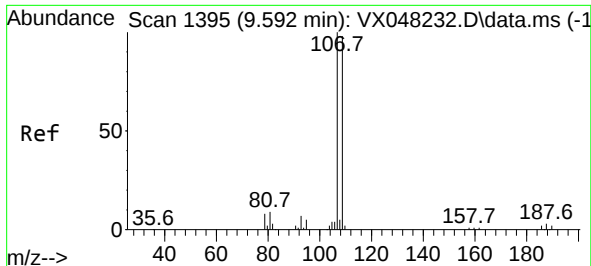
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#60
Dibromochloromethane
Concen: 153.740 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

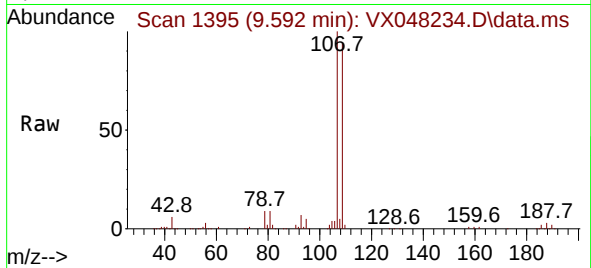
Tgt Ion:129 Resp: 226642
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.7





#61
1,2-Dibromoethane
Concen: 150.876 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

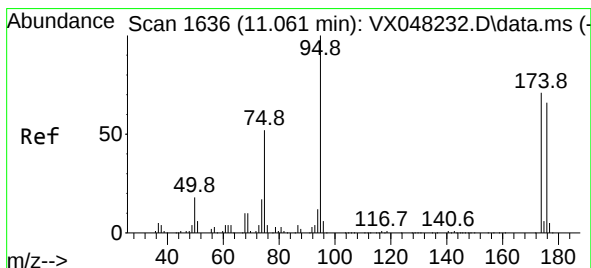
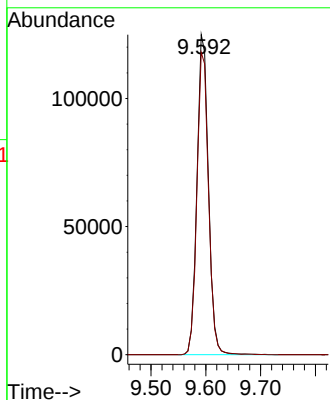
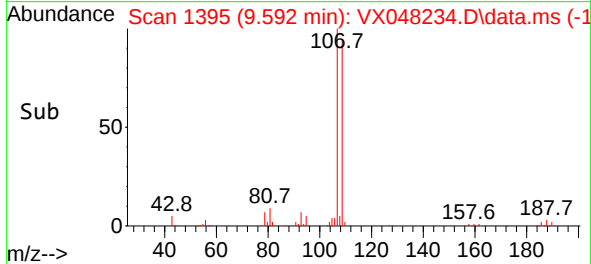
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



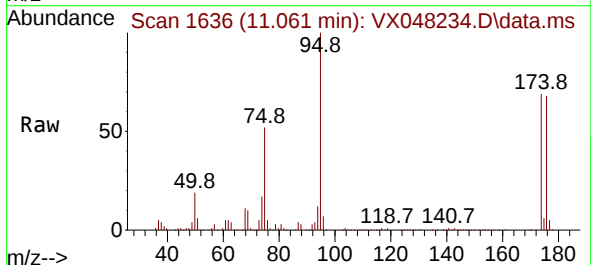
Tgt Ion:107 Resp: 182208
Ion Ratio Lower Upper
107 100
109 95.6 77.0 115.4

Manual Integrations
APPROVED

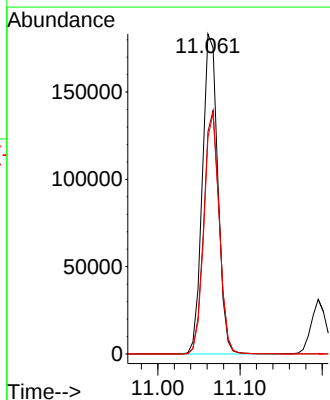
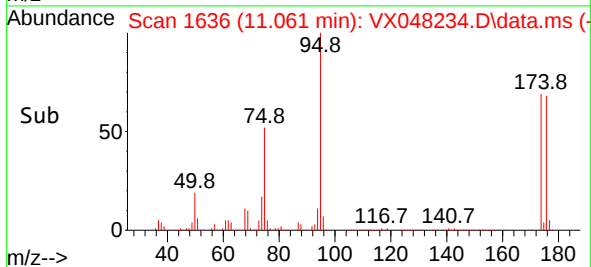
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

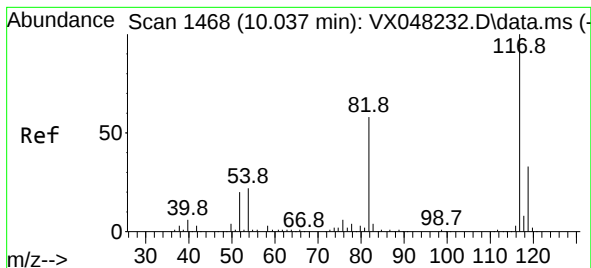


#62
4-Bromofluorobenzene
Concen: 145.255 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43



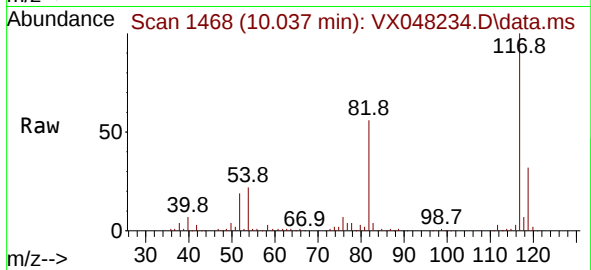
Tgt Ion: 95 Resp: 239298
Ion Ratio Lower Upper
95 100
174 76.0 0.0 147.8
176 74.2 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

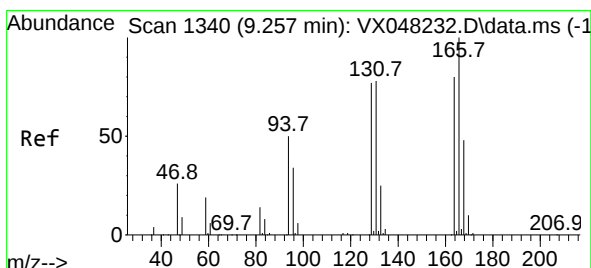
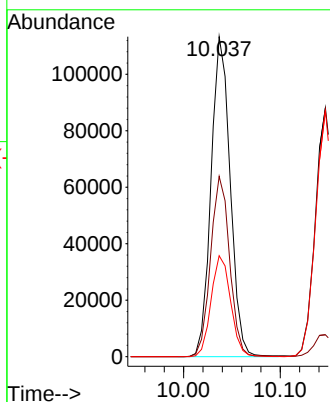
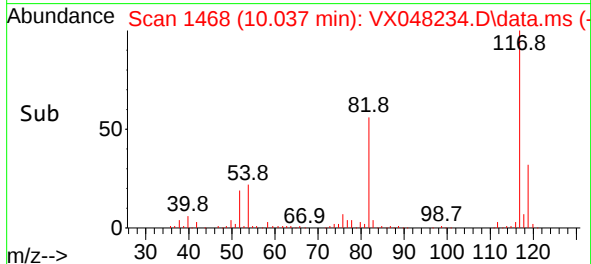
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 155759
Ion Ratio Lower Upper
117 100
82 56.4 46.5 69.7
119 31.5 25.9 38.9

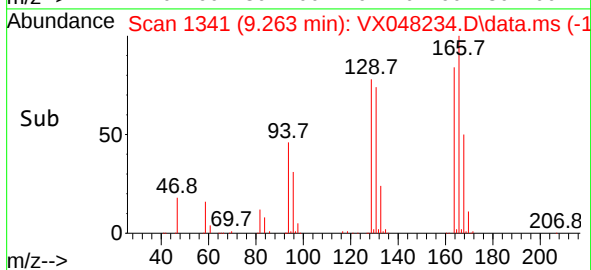
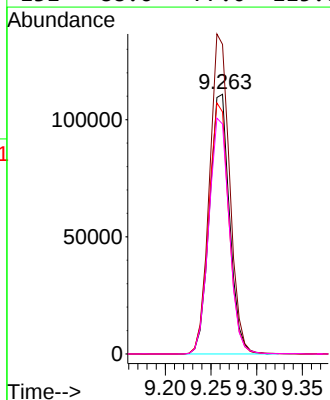
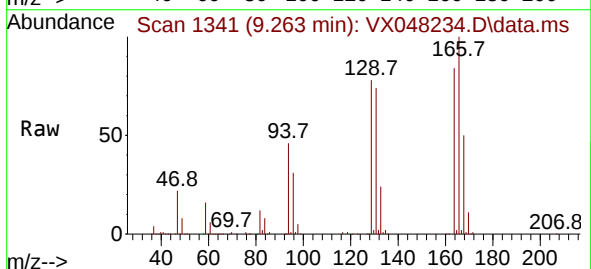
Manual Integrations
APPROVED

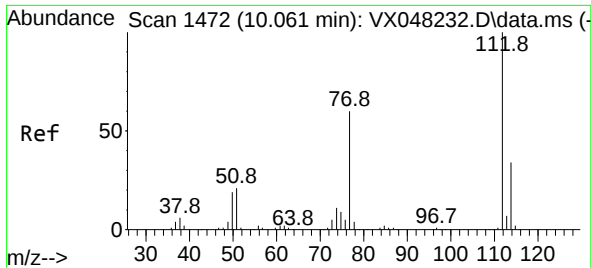
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#64
Tetrachloroethene
Concen: 154.361 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion:164 Resp: 168581
Ion Ratio Lower Upper
164 100
166 119.3 104.5 156.7
129 93.2 81.8 122.6
131 88.6 77.0 115.6





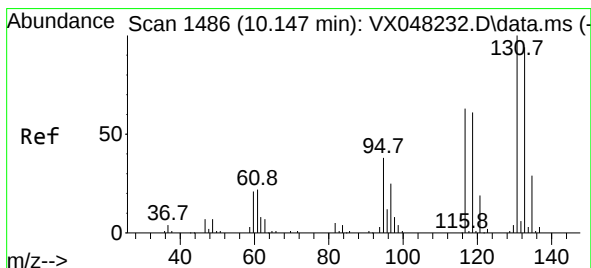
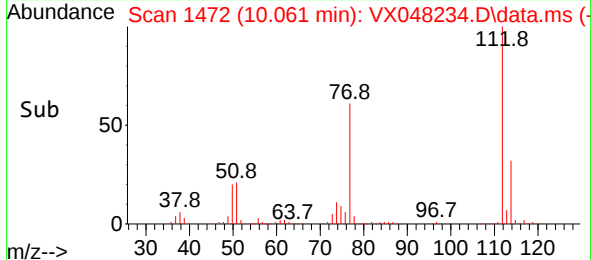
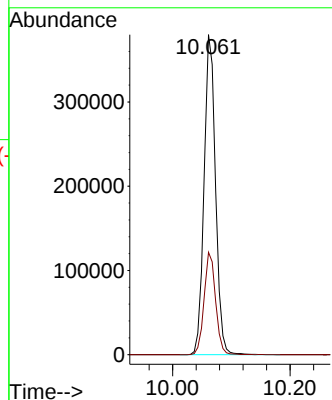
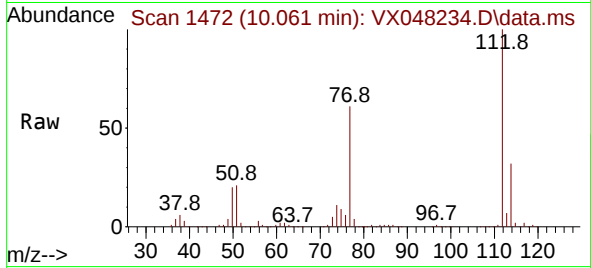
#65
Chlorobenzene
Concen: 151.209 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:112 Resp: 51496
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.2

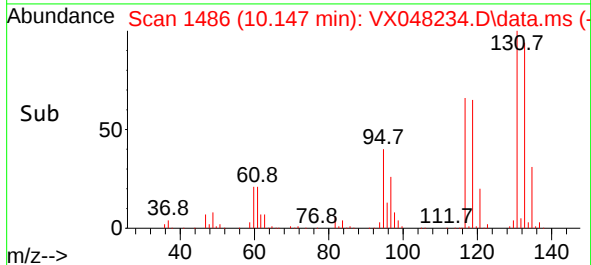
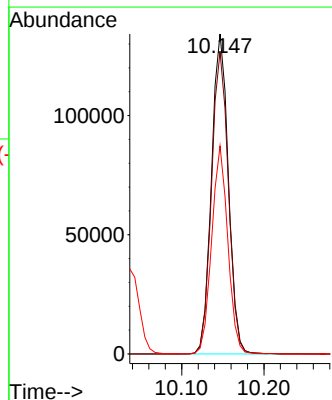
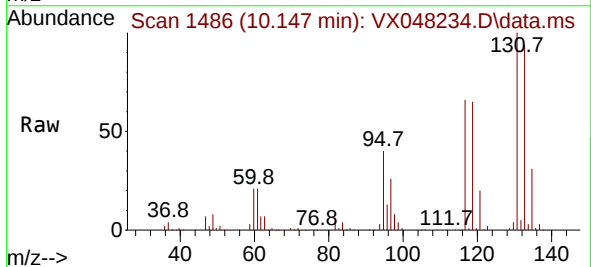
Manual Integrations
APPROVED

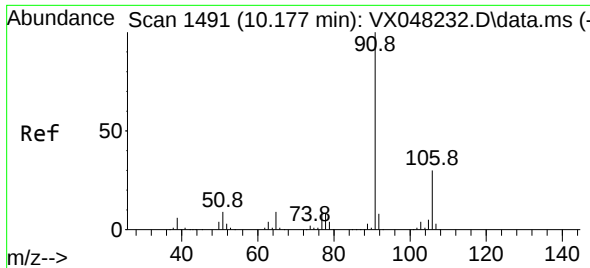
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 155.782 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

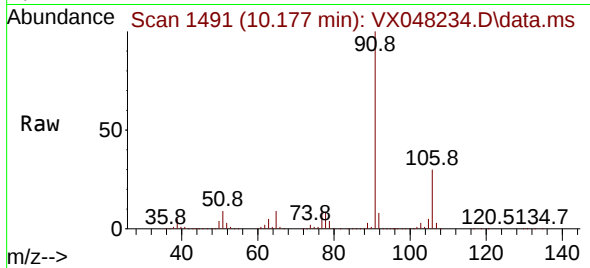
Tgt Ion:131 Resp: 191186
Ion Ratio Lower Upper
131 100
133 94.4 47.6 142.8
119 62.3 32.5 97.5





#67
Ethyl Benzene
Concen: 153.825 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

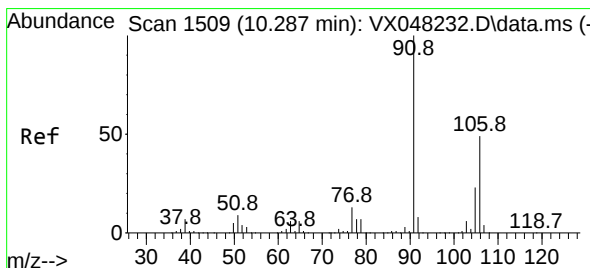
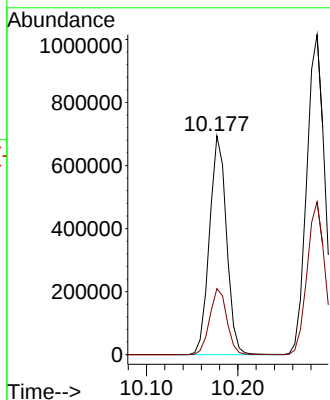
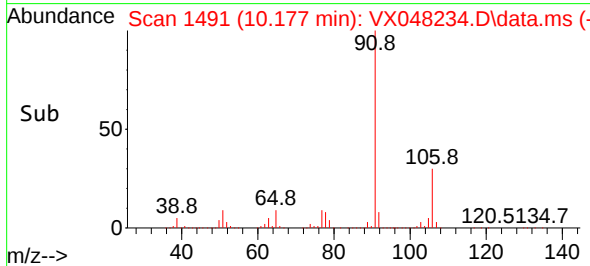
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 89813
Ion Ratio Lower Upper
91 100
106 30.2 23.8 35.6

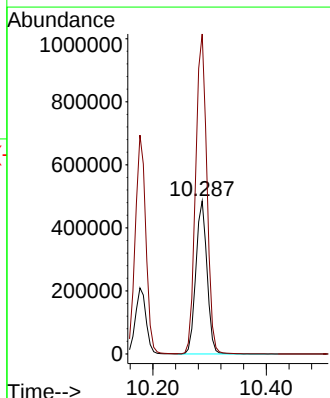
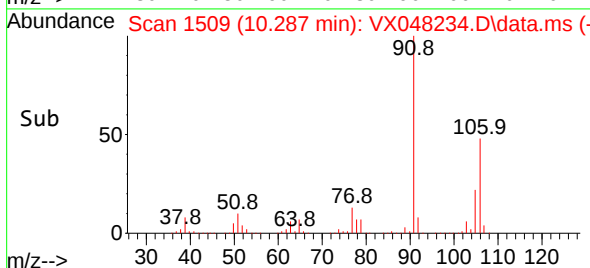
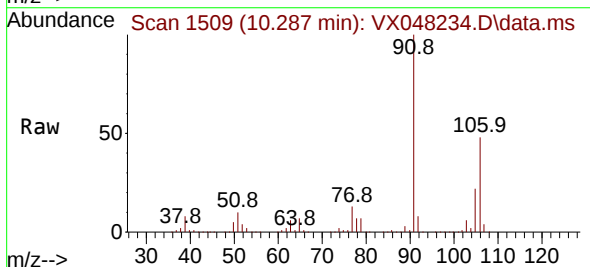
Manual Integrations
APPROVED

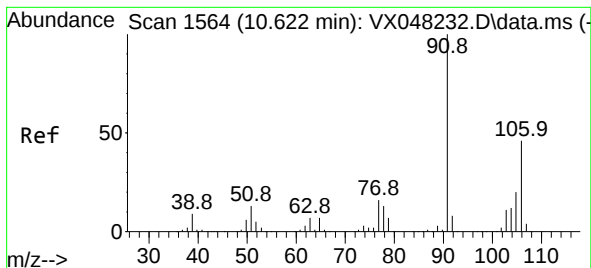
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#68
m/p-Xylenes
Concen: 303.896 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

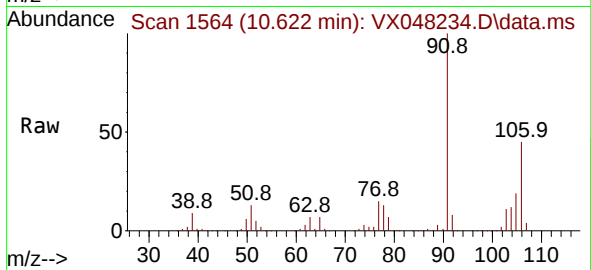
Tgt Ion:106 Resp: 661019
Ion Ratio Lower Upper
106 100
91 211.4 167.9 251.9





#69
o-Xylene
Concen: 156.444 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

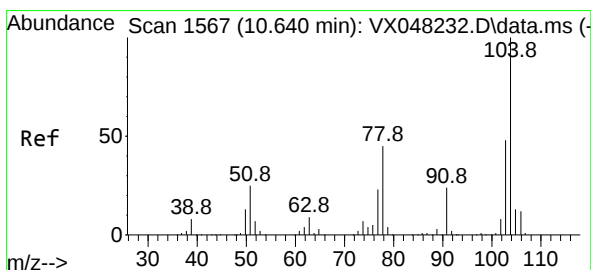
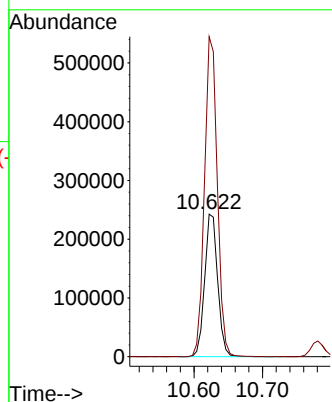
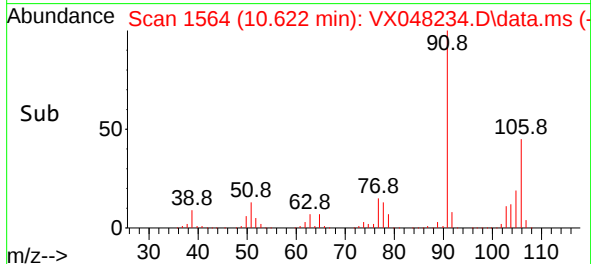
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:106 Resp: 320334
Ion Ratio Lower Upper
106 100
91 221.5 111.3 333.9

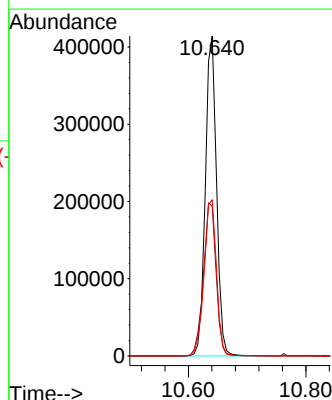
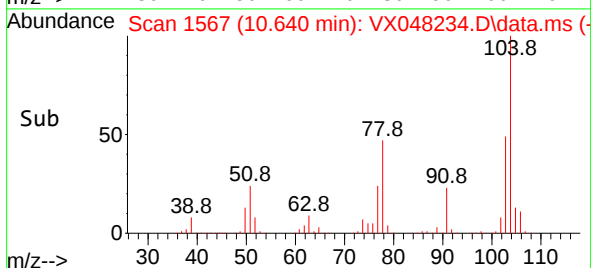
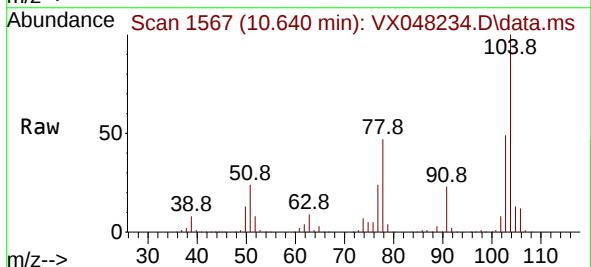
Manual Integrations
APPROVED

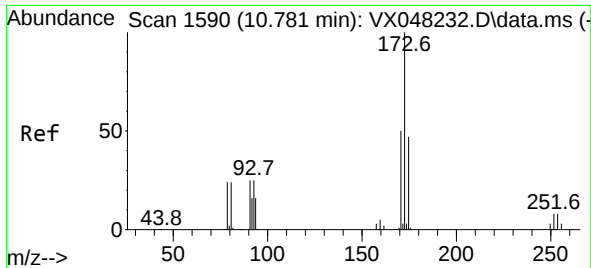
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#70
Styrene
Concen: 155.523 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

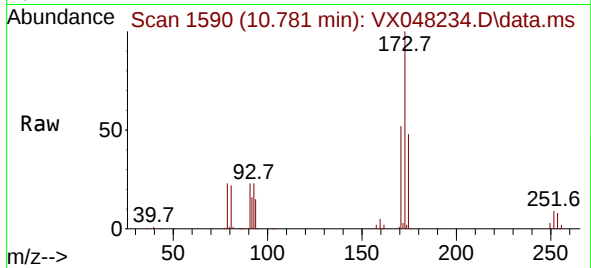
Tgt Ion:104 Resp: 548149
Ion Ratio Lower Upper
104 100
78 54.3 42.2 63.4
103 54.4 43.0 64.4





#71
Bromoform
Concen: 168.892 ug/l
RT: 10.781 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

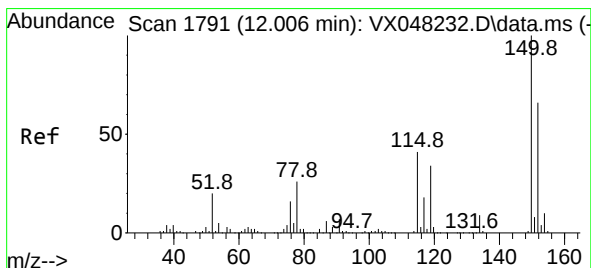
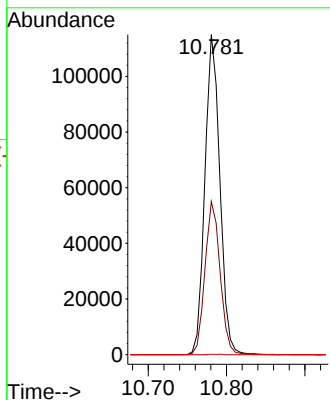
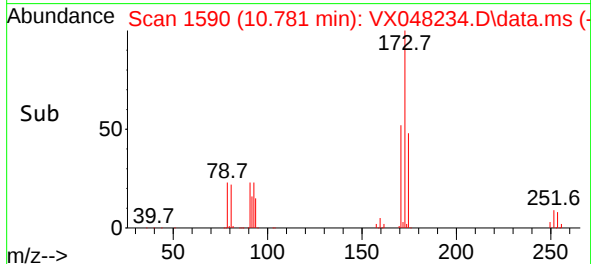
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



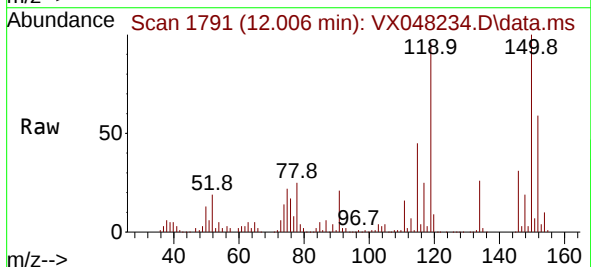
Tgt Ion:173 Resp: 152209
Ion Ratio Lower Upper
173 100
175 48.4 24.0 72.0
254 0.1 0.0 0.0

Manual Integrations
APPROVED

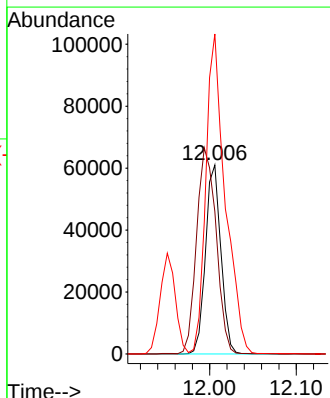
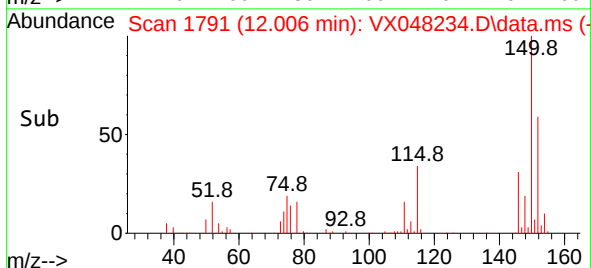
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

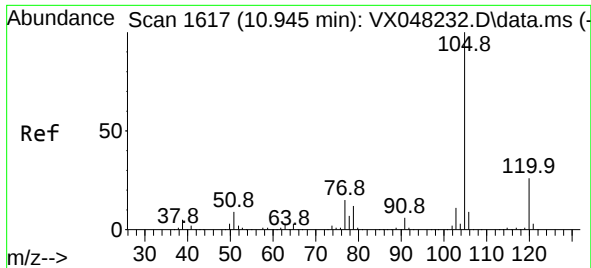


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43



Tgt Ion:152 Resp: 75397
Ion Ratio Lower Upper
152 100
115 138.9 43.1 129.4#
150 212.6 0.0 353.0





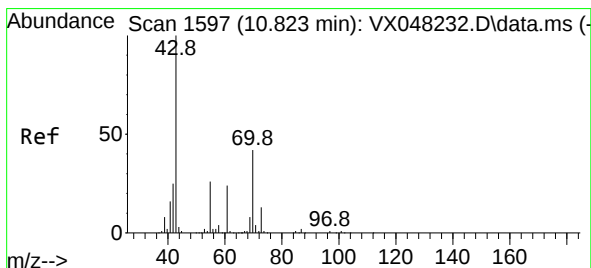
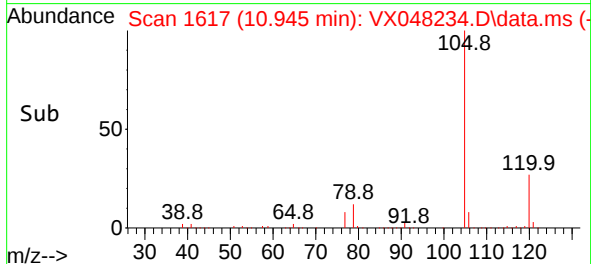
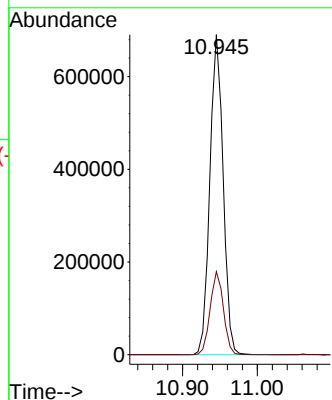
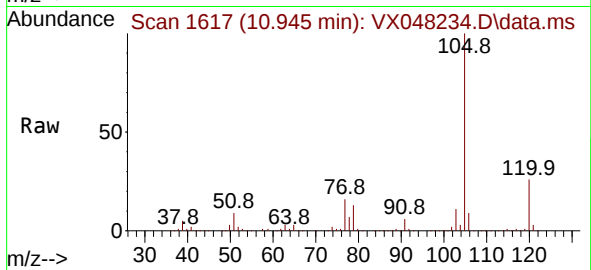
#73
Isopropylbenzene
Concen: 161.931 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:105 Resp: 84918
Ion Ratio Lower Upper
105 100
120 25.9 13.0 38.9

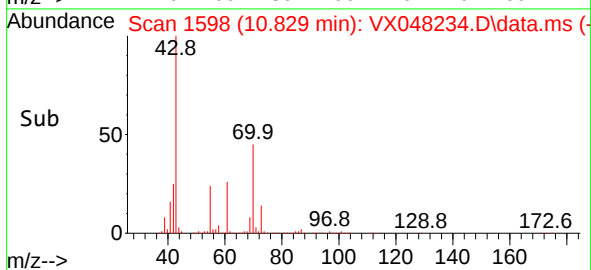
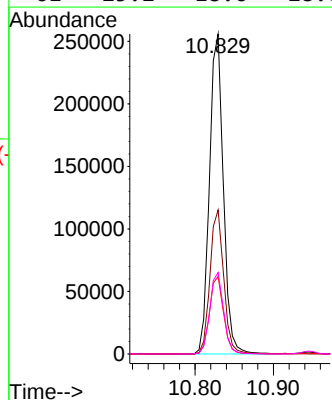
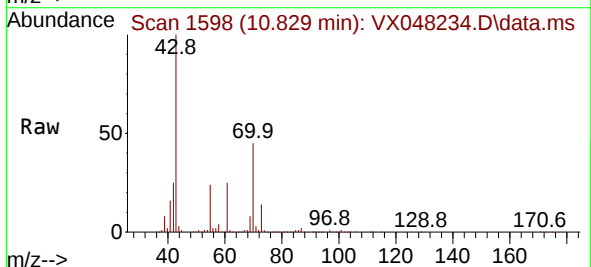
Manual Integrations
APPROVED

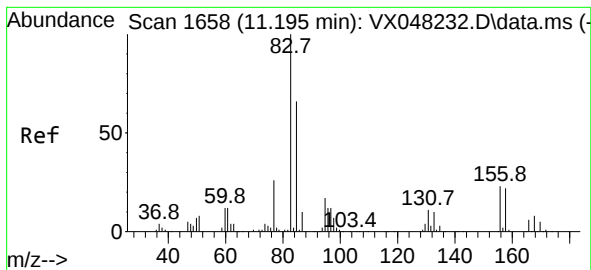
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#74
N-ethyl acetate
Concen: 160.952 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 43 Resp: 314879
Ion Ratio Lower Upper
43 100
70 44.5 32.2 48.2
55 24.4 19.1 28.7
61 25.2 18.6 28.0





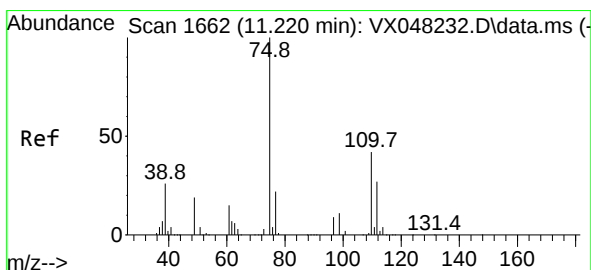
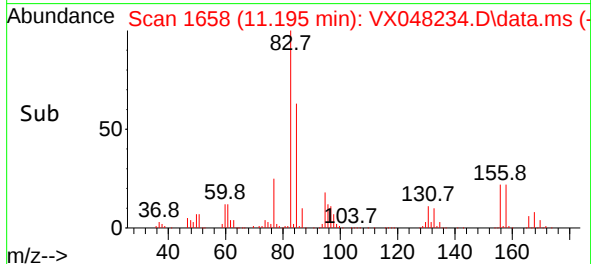
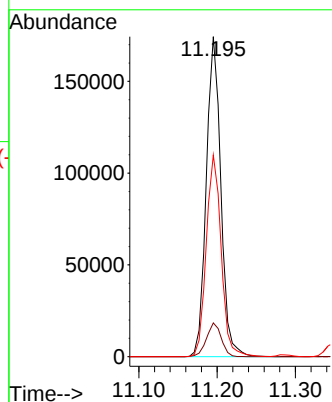
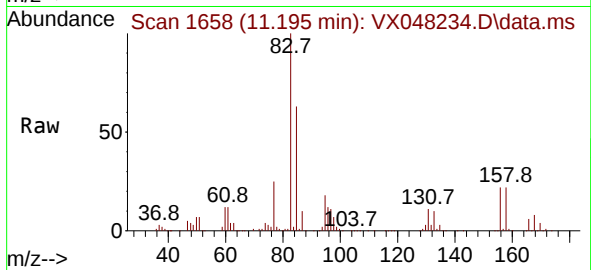
#75
1,1,2,2-Tetrachloroethane
Concen: 151.104 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 224480
Ion Ratio Lower Upper
83 100
131 10.7 4.8 14.4
85 64.6 31.9 95.7

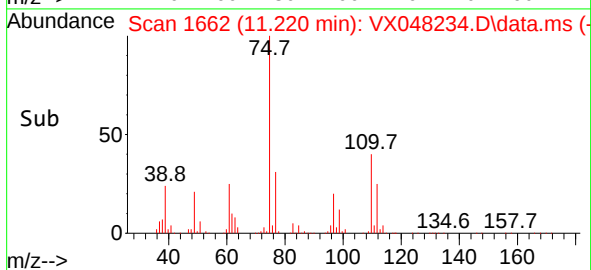
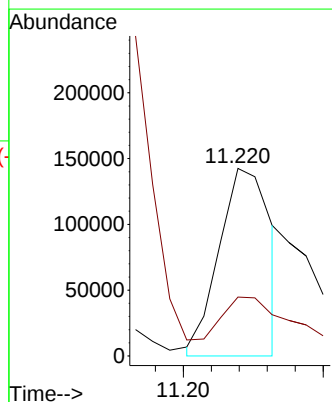
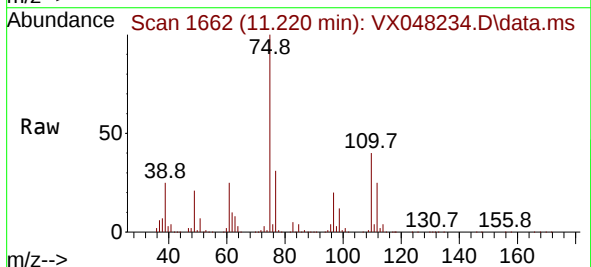
Manual Integrations
APPROVED

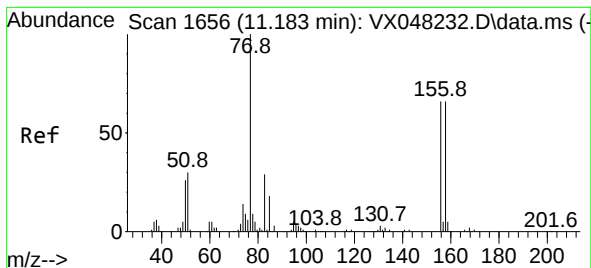
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#76
1,2,3-Trichloropropane
Concen: 157.586 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

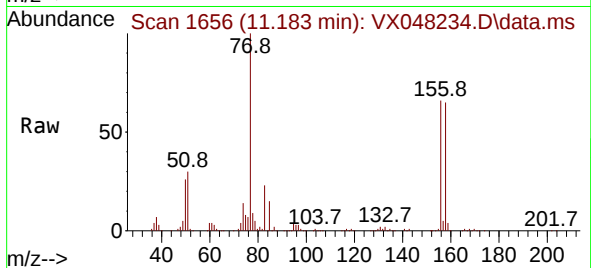
Tgt Ion: 75 Resp: 181434
Ion Ratio Lower Upper
75 100
77 44.8 22.4 67.2





#77
Bromobenzene
Concen: 157.899 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

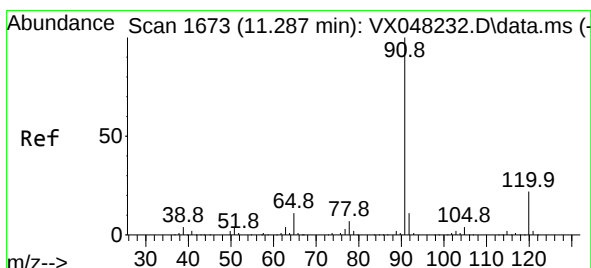
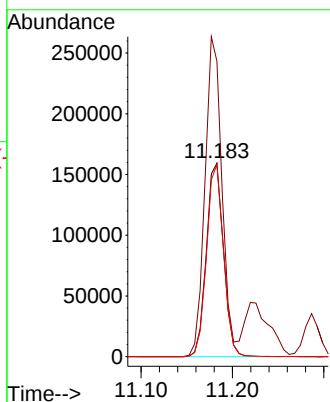
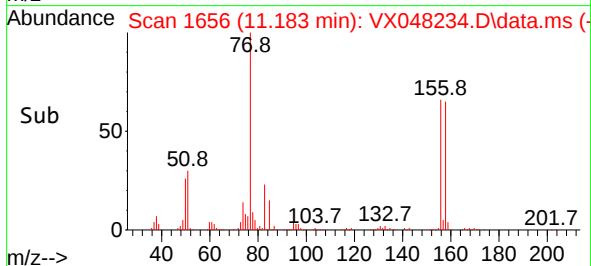
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



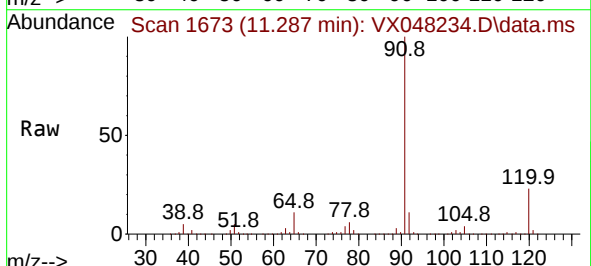
Tgt Ion:156 Resp: 20721
Ion Ratio Lower Upper
156 100
77 161.9 87.0 261.0
158 97.9 47.8 143.4

Manual Integrations
APPROVED

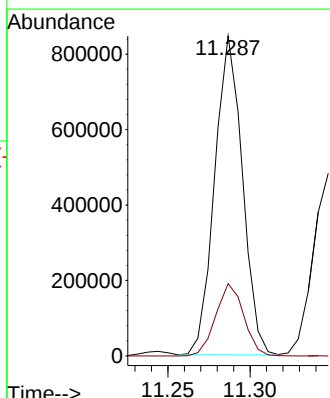
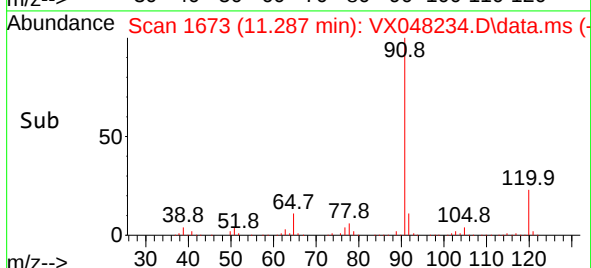
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

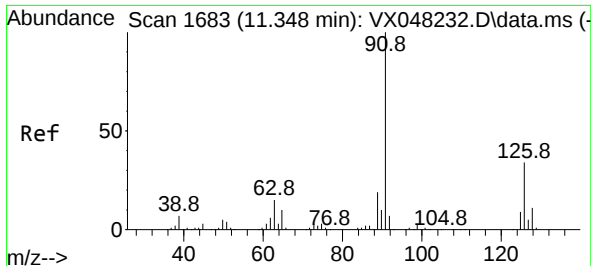


#78
n-propylbenzene
Concen: 155.984 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43



Tgt Ion: 91 Resp: 991960
Ion Ratio Lower Upper
91 100
120 22.9 11.1 33.1





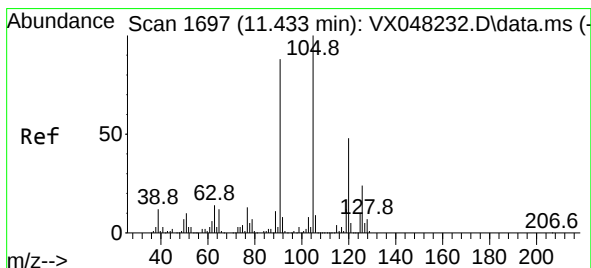
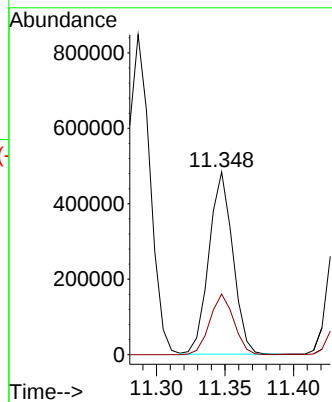
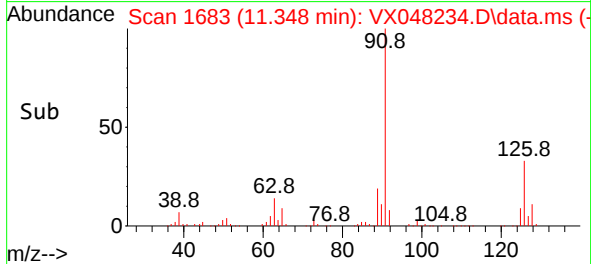
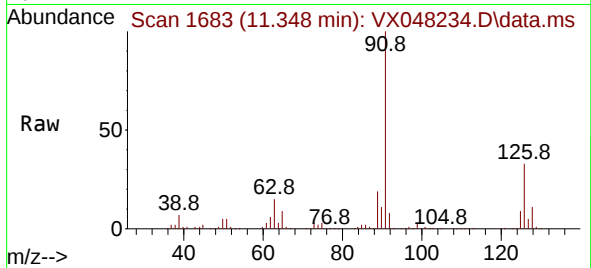
#79
2-Chlorotoluene
Concen: 152.465 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 585792
Ion Ratio Lower Upper
91 100
126 33.5 16.4 49.4

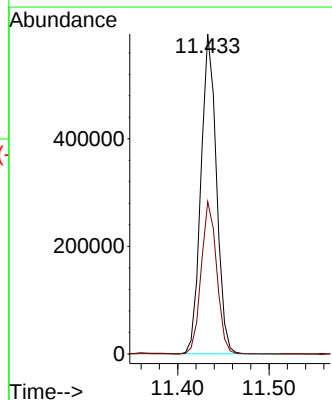
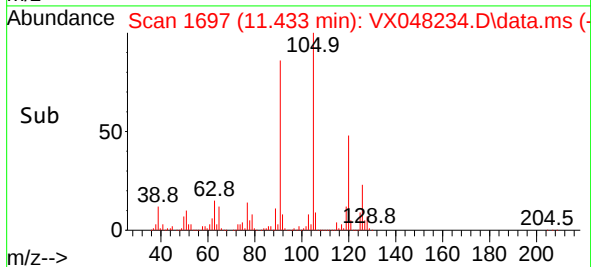
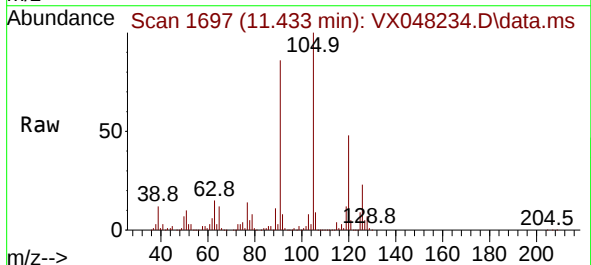
Manual Integrations
APPROVED

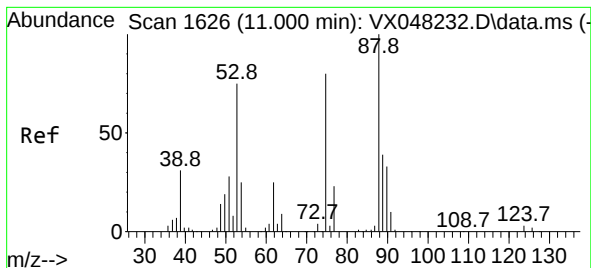
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 162.591 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

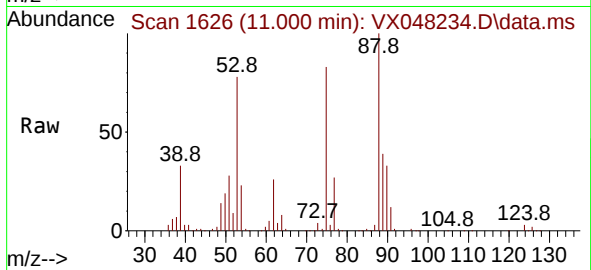
Tgt Ion:105 Resp: 699885
Ion Ratio Lower Upper
105 100
120 47.7 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 176.858 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

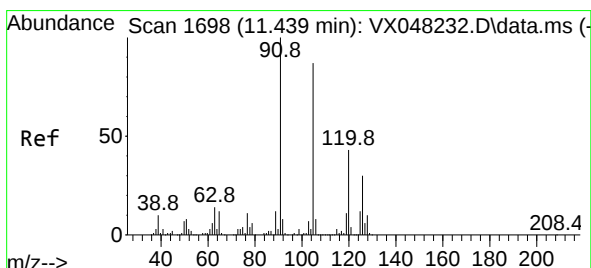
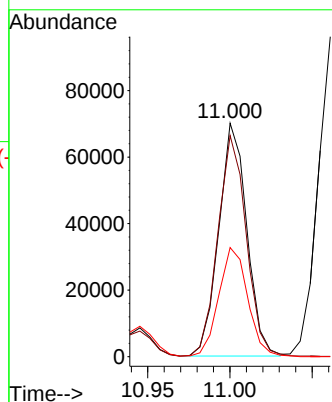
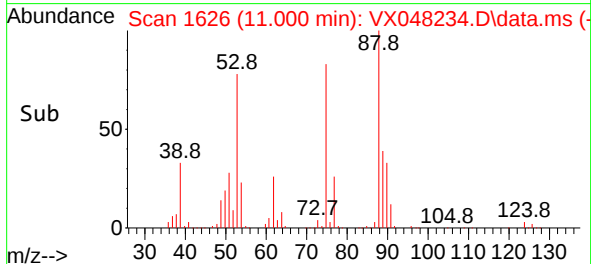
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 83158
Ion Ratio Lower Upper
75 100
53 96.5 79.5 119.3
89 48.6 36.8 55.2

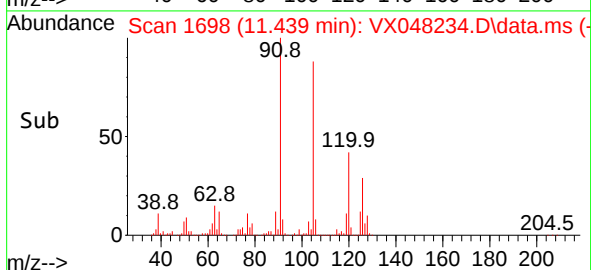
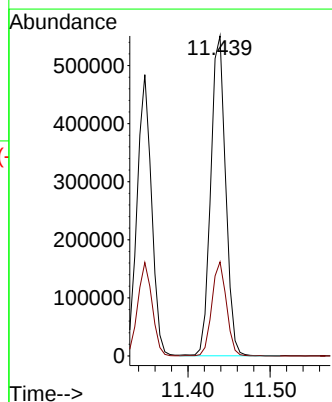
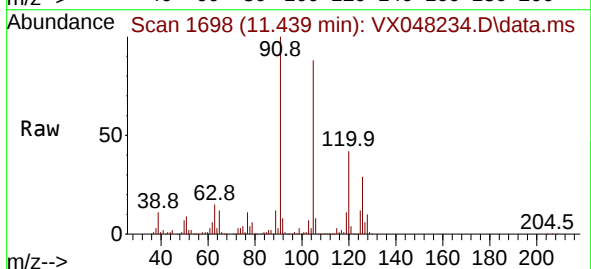
Manual Integrations
APPROVED

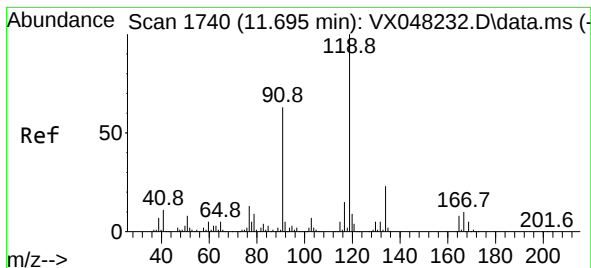
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#82
4-Chlorotoluene
Concen: 153.240 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

Tgt Ion: 91 Resp: 691903
Ion Ratio Lower Upper
91 100
126 29.0 14.1 42.4





#83

tert-Butylbenzene

Concen: 165.020 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:119 Resp: 71764

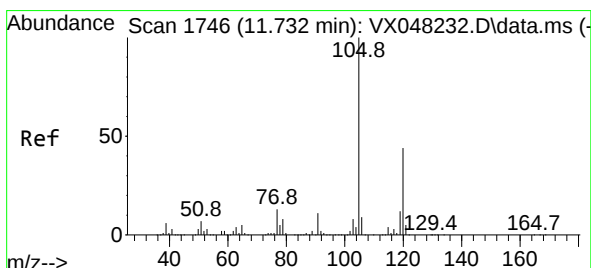
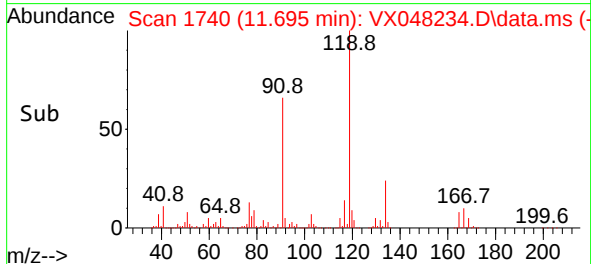
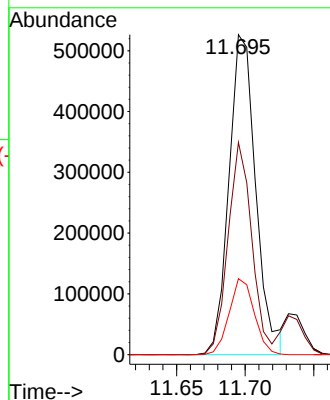
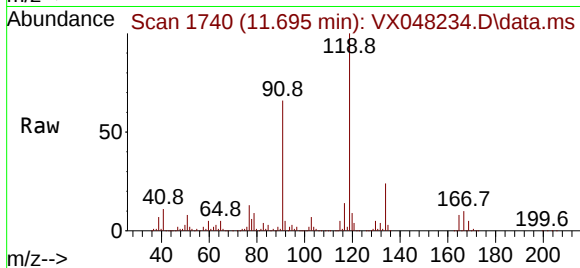
Ion	Ratio	Lower	Upper
119	100		
91	58.9	30.3	91.0
134	22.3	11.4	34.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#84

1,2,4-Trimethylbenzene

Concen: 164.961 ug/l

RT: 11.732 min Scan# 1746

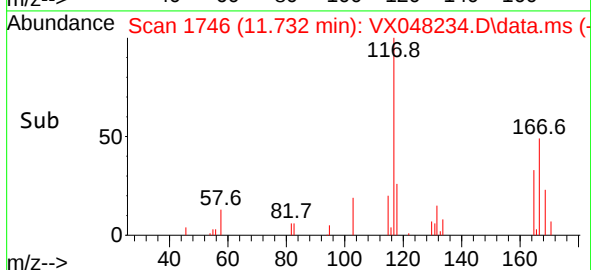
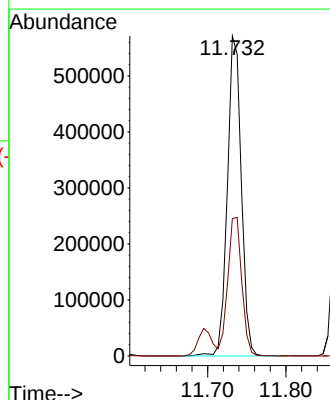
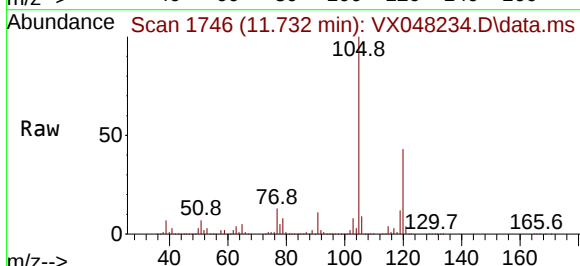
Delta R.T. -0.000 min

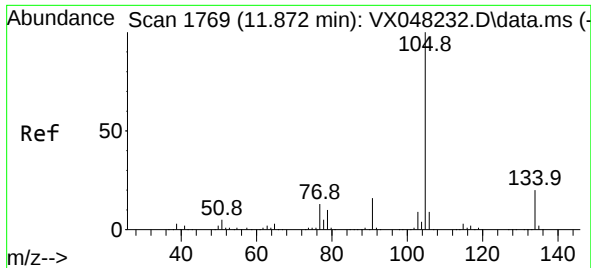
Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Tgt Ion:105 Resp: 707074

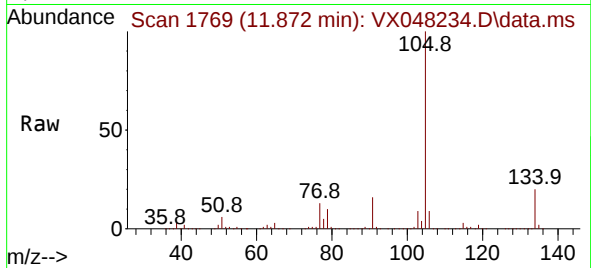
Ion	Ratio	Lower	Upper
105	100		
120	43.5	22.1	66.5





#85
 sec-Butylbenzene
 Concen: 162.035 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048234.D
 Acq: 20 Oct 2025 12:43

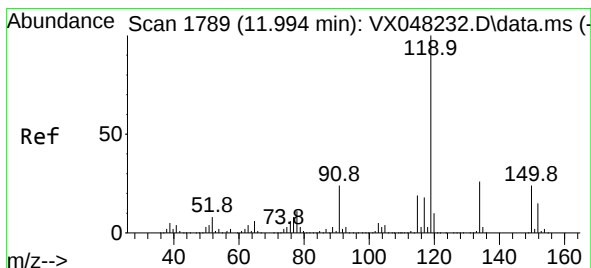
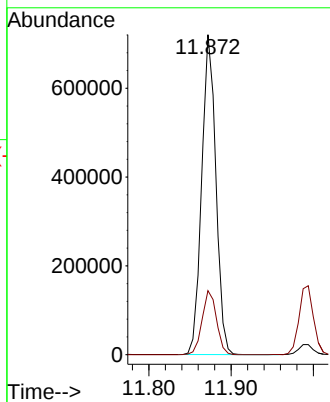
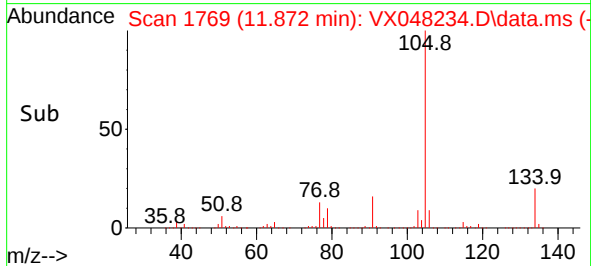
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



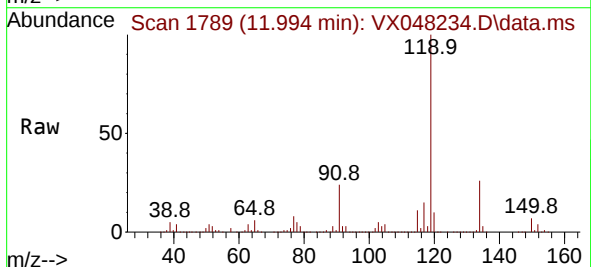
Tgt Ion:105 Resp: 861460
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.1

Manual Integrations
 APPROVED

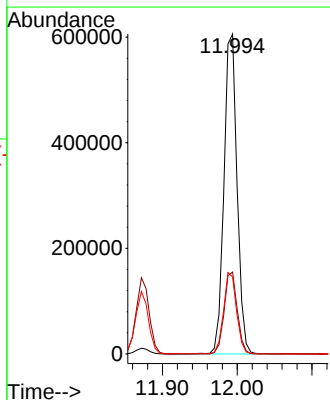
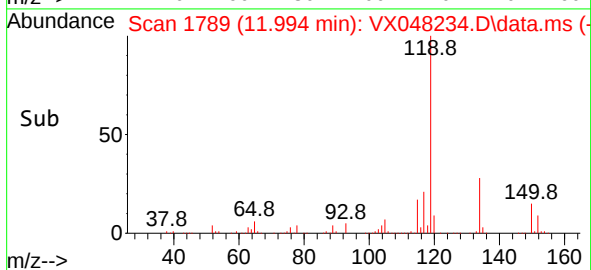
Reviewed By :John Carlone 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025

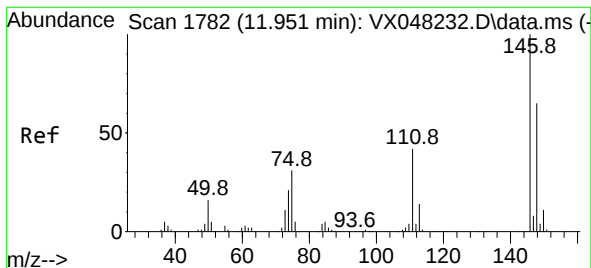


#86
 p-Isopropyltoluene
 Concen: 164.794 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. 0.006 min
 Lab File: VX048234.D
 Acq: 20 Oct 2025 12:43



Tgt Ion:119 Resp: 738496
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 39.0
 91 25.1 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 157.307 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:146 Resp: 386062

Ion Ratio Lower Upper

146 100

111 42.7 20.4 61.2

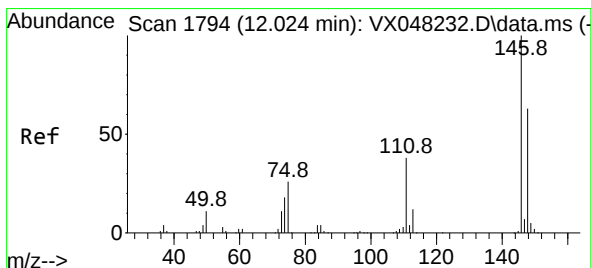
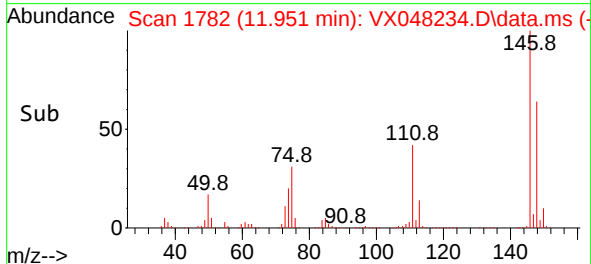
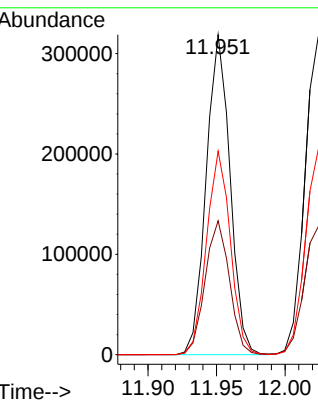
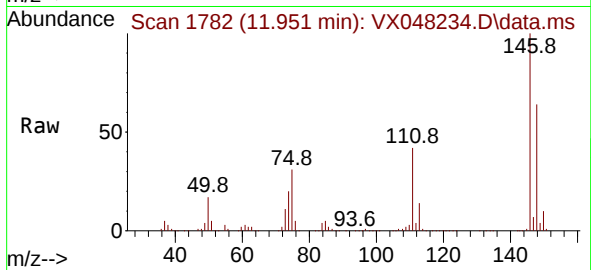
148 63.5 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#88

1,4-Dichlorobenzene

Concen: 152.078 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX048234.D

Acq: 20 Oct 2025 12:43

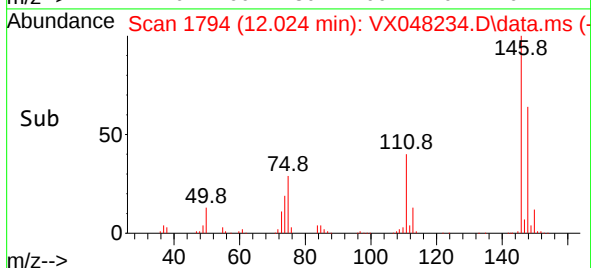
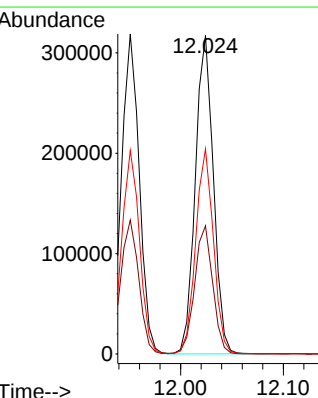
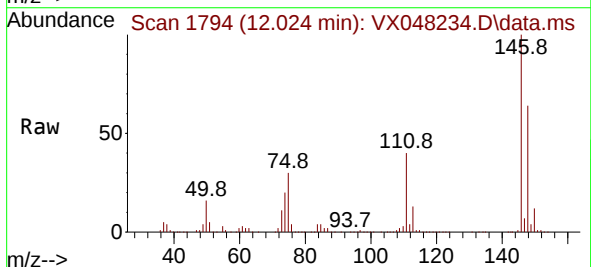
Tgt Ion:146 Resp: 386885

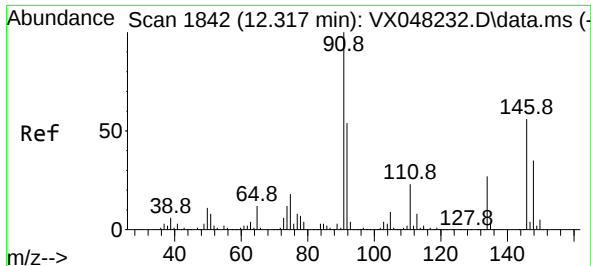
Ion Ratio Lower Upper

146 100

111 40.5 20.1 60.2

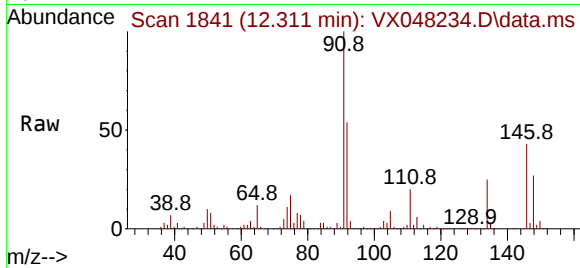
148 63.4 31.8 95.3





#89
n-Butylbenzene
Concen: 159.098 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

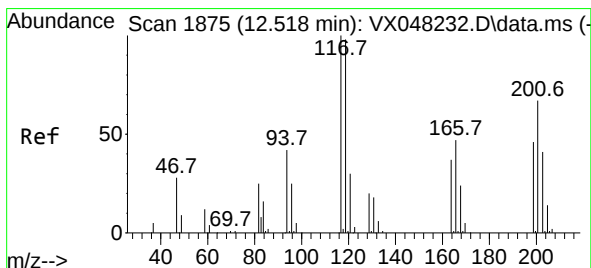
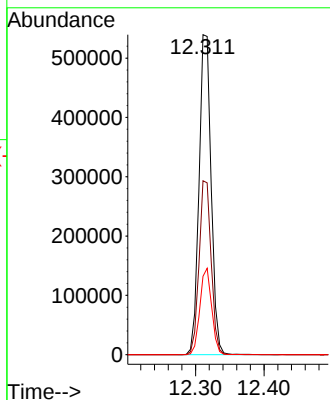
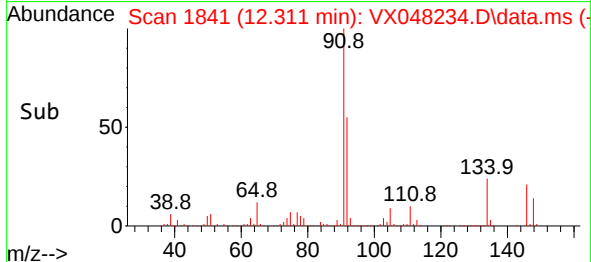
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 66407
Ion Ratio Lower Upper
91 100
92 54.4 26.9 80.6
134 26.3 12.7 38.1

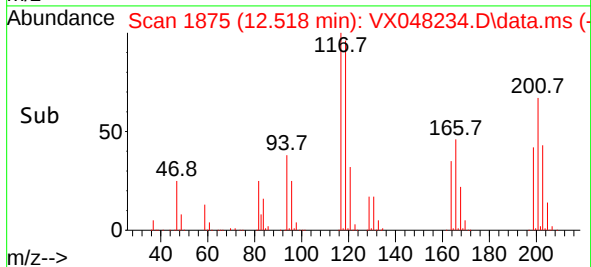
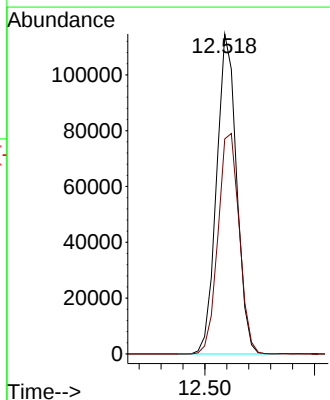
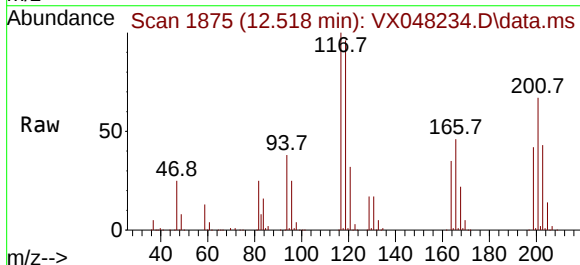
Manual Integrations
APPROVED

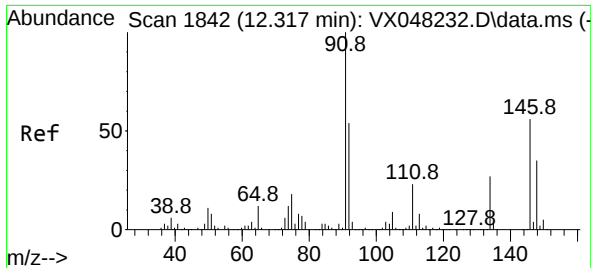
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#90
Hexachloroethane
Concen: 154.159 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

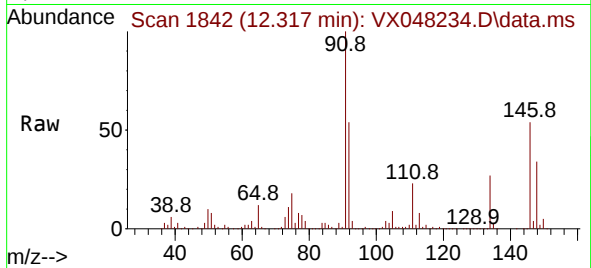
Tgt Ion:117 Resp: 145813
Ion Ratio Lower Upper
117 100
201 73.0 34.1 102.2





#91
1,2-Dichlorobenzene
Concen: 154.946 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

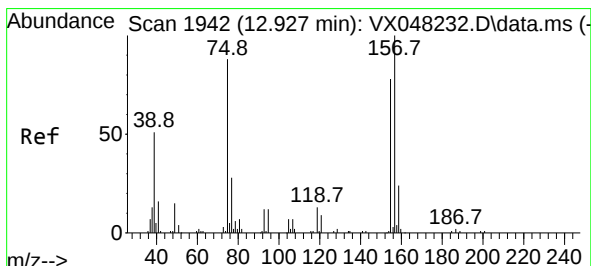
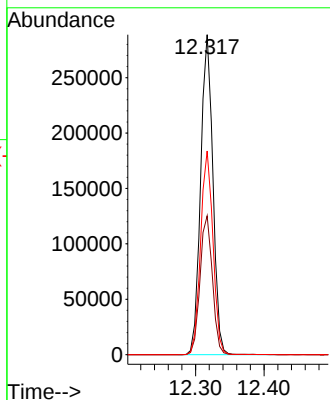
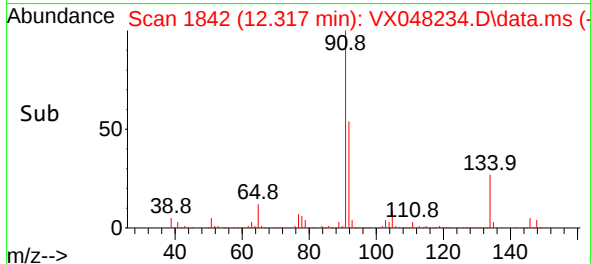
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



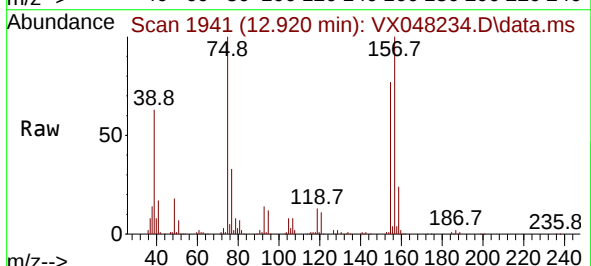
Tgt Ion:146 Resp: 359278
Ion Ratio Lower Upper
146 100
111 43.8 21.9 65.5
148 64.4 31.9 95.5

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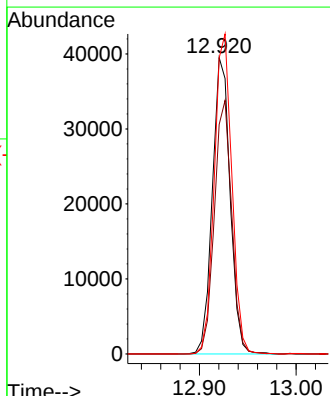
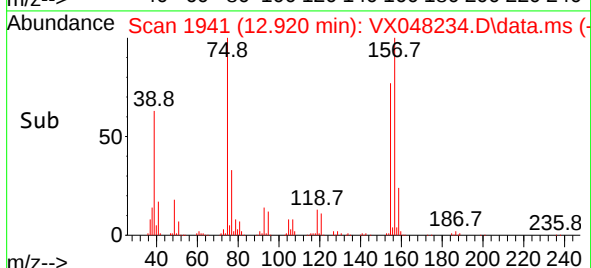
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

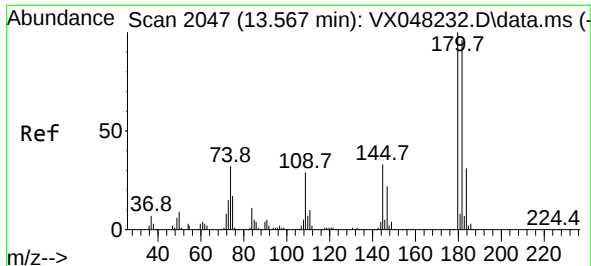


#92
1,2-Dibromo-3-Chloropropane
Concen: 185.536 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43



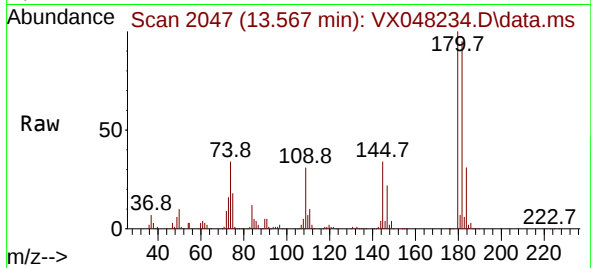
Tgt Ion: 75 Resp: 50367
Ion Ratio Lower Upper
75 100
155 83.7 42.8 128.4
157 106.9 54.2 162.6





#93
1,2,4-Trichlorobenzene
Concen: 180.791 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

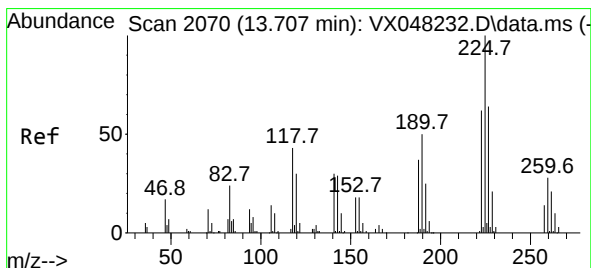
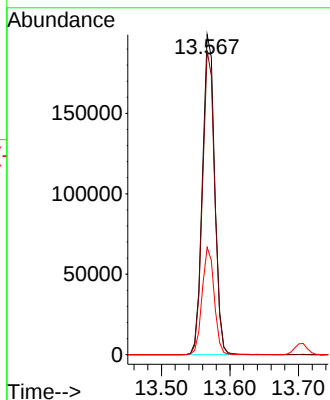
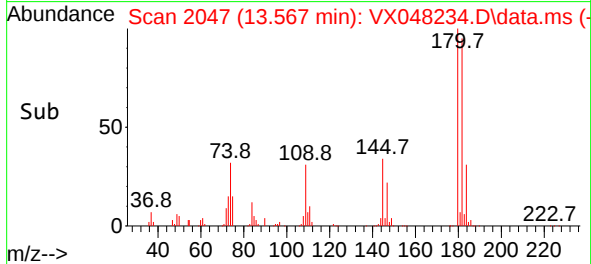
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:180 Resp: 247472
Ion Ratio Lower Upper
180 100
182 94.5 47.3 142.0
145 33.2 16.3 48.9

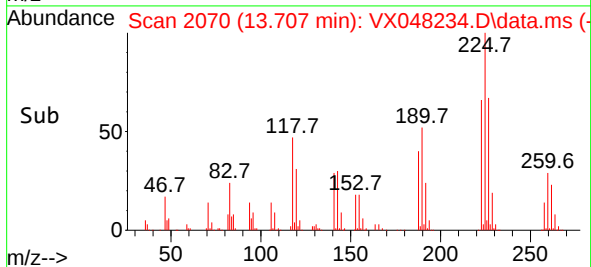
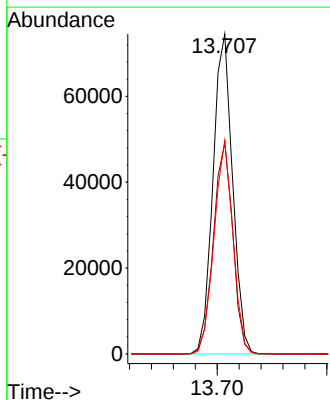
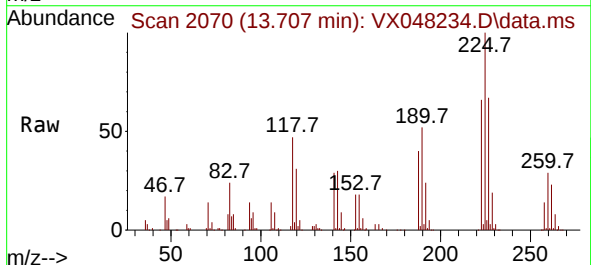
Manual Integrations
APPROVED

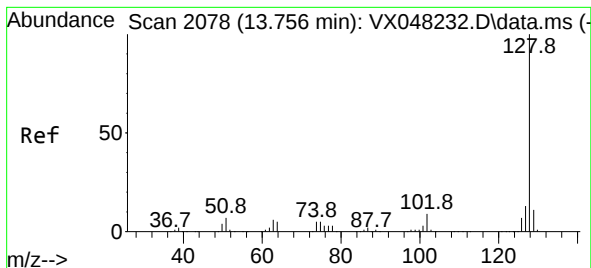
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#94
Hexachlorobutadiene
Concen: 175.138 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

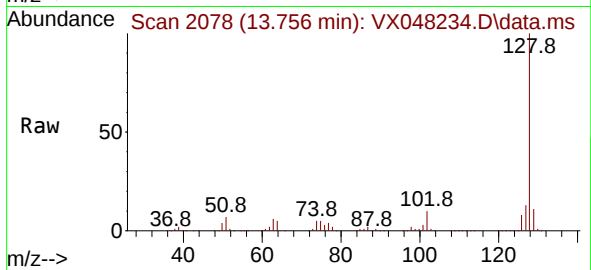
Tgt Ion:225 Resp: 92458
Ion Ratio Lower Upper
225 100
223 65.2 32.6 97.7
227 64.3 32.5 97.4





#95
Naphthalene
Concen: 199.386 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43

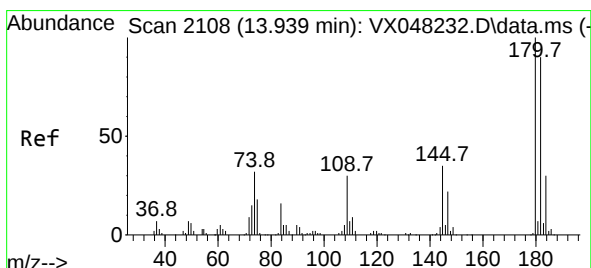
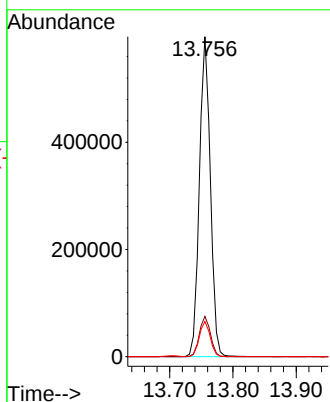
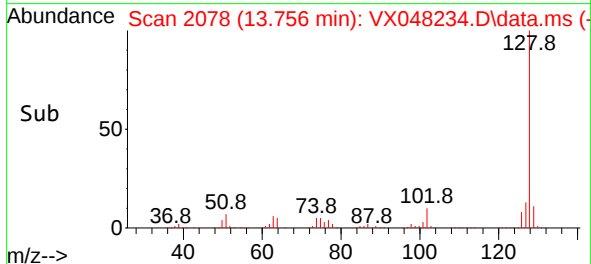
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



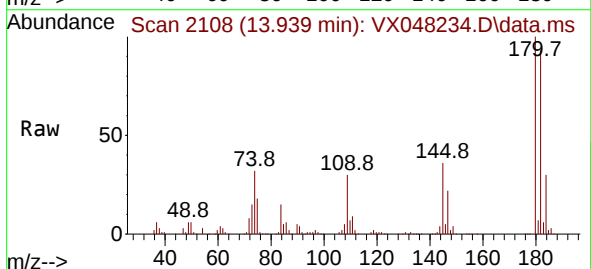
Tgt Ion:128 Resp: 71943
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.6 12.8

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 185.022 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048234.D
Acq: 20 Oct 2025 12:43



Tgt Ion:180 Resp: 233671
Ion Ratio Lower Upper
180 100
182 95.5 46.6 139.7
145 35.4 16.9 50.7

