

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048230.D
 Acq On : 20 Oct 2025 11:20
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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

Quant Time: Oct 20 12:39:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 12:35:14 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.537	168	139495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.744	114	234517	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	224746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	115833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	24326	11.257	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	22.520%#		
35) Dibromofluoromethane	5.373	113	19570	12.024	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	24.040%#		
50) Toluene-d8	8.634	98	67354	11.487	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	22.980%#		
62) 4-Bromofluorobenzene	11.061	95	30861	14.450	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	28.900%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	6294	4.299	ug/l	87
3) Chloromethane	1.300	50	5383	3.035	ug/l	99
4) Vinyl Chloride	1.379	62	5096	2.727	ug/l	97
5) Bromomethane	1.611	94	4193	3.374	ug/l	94
6) Chloroethane	1.690	64	3260	2.741	ug/l	96
7) Trichlorofluoromethane	1.892	101	10147	3.459	ug/l	97
8) Diethyl Ether	2.135	74	2961	2.959	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.337	101	6548	3.961	ug/l	97
10) Methyl Iodide	2.459	142	6926	3.498	ug/l	100
11) Tert butyl alcohol	2.946	59	4314	30.086	ug/l #	85
12) 1,1-Dichloroethene	2.324	96	6296	3.895	ug/l	96
13) Acrolein	2.239	56	5621	18.653	ug/l	100
14) Allyl chloride	2.666	41	10745	3.695	ug/l	98
15) Acrylonitrile	3.062	53	15168	22.075	ug/l	98
16) Acetone	2.379	43	16907	22.934	ug/l	98
17) Carbon Disulfide	2.520	76	19202	3.861	ug/l	99
18) Methyl Acetate	2.696	43	6277	4.180	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	21942	4.506	ug/l	96
20) Methylene Chloride	2.788	84	7448	4.147	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	6940	4.150	ug/l	98
22) Diisopropyl ether	3.751	45	21040	3.695	ug/l #	75
23) Vinyl Acetate	3.721	43	81651	19.179	ug/l #	92
24) 1,1-Dichloroethane	3.605	63	12761	3.951	ug/l	96
25) 2-Butanone	4.556	43	20016	23.305	ug/l	92
26) 2,2-Dichloropropane	4.470	77	11847	4.291	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	8463	4.264	ug/l	95
28) Bromochloromethane	4.897	49	5911	3.970	ug/l #	86
29) Tetrahydrofuran	4.995	42	11817	23.429	ug/l	99
30) Chloroform	5.086	83	14652	4.309	ug/l	99
31) Cyclohexane	5.464	56	10511	3.977	ug/l	90
32) 1,1,1-Trichloroethane	5.373	97	13027	4.662	ug/l	98
36) 1,1-Dichloropropene	5.678	75	9661	4.214	ug/l	99
37) Ethyl Acetate	4.708	43	8790	4.797	ug/l #	87
38) Carbon Tetrachloride	5.665	117	12609	4.791	ug/l	90
39) Methylcyclohexane	7.366	83	11279	4.363	ug/l #	84
40) Benzene	6.019	78	28407	4.172	ug/l	99

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Instrument :
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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	3932	4.007	ug/l	97
42) 1,2-Dichloroethane	6.080	62	10687	4.381	ug/l	98
43) Isopropyl Acetate	6.330	43	13925	4.527	ug/l	98
44) Trichloroethene	7.116	130	7699	4.487	ug/l	97
45) 1,2-Dichloropropane	7.415	63	7036	4.083	ug/l	94
46) Dibromomethane	7.574	93	5364	4.327	ug/l	92
47) Bromodichloromethane	7.811	83	11936	4.455	ug/l #	93
48) Methyl methacrylate	7.683	41	6636	4.214	ug/l	95
49) 1,4-Dioxane	7.653	88	1703	120.152	ug/l #	91
51) 4-Methyl-2-Pentanone	8.561	43	39514	23.086	ug/l	98
52) Toluene	8.707	92	18596	4.544	ug/l	97
53) t-1,3-Dichloropropene	8.963	75	11174	4.451	ug/l	95
54) cis-1,3-Dichloropropene	8.354	75	11705	4.278	ug/l #	79
55) 1,1,2-Trichloroethane	9.140	97	7282	4.769	ug/l	99
56) Ethyl methacrylate	9.104	69	9483	4.567	ug/l	97
57) 1,3-Dichloropropane	9.293	76	12217	4.580	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.232	63	21538	20.199	ug/l	99
59) 2-Hexanone	9.415	43	28801	24.056	ug/l	98
60) Dibromochloromethane	9.506	129	9108	4.766	ug/l	99
61) 1,2-Dibromoethane	9.591	107	7362	4.702	ug/l	99
64) Tetrachloroethene	9.256	164	6878	4.365	ug/l	95
65) Chlorobenzene	10.061	112	21516	4.378	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.146	131	7925	4.475	ug/l	97
67) Ethyl Benzene	10.177	91	34750	4.125	ug/l	99
68) m/p-Xylenes	10.286	106	25979	8.277	ug/l	99
69) o-Xylene	10.628	106	12691	4.295	ug/l	95
70) Styrene	10.640	104	21349	4.198	ug/l	98
71) Bromoform	10.780	173	6264	4.817	ug/l #	100
73) Isopropylbenzene	10.945	105	32367	4.017	ug/l	100
74) N-amyl acetate	10.829	43	11224	3.734	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	9764	4.278	ug/l	99
76) 1,2,3-Trichloropropane	11.225	75	7083m	4.004	ug/l	
77) Bromobenzene	11.183	156	8755	4.343	ug/l	94
78) n-propylbenzene	11.286	91	38663	3.957	ug/l	99
79) 2-Chlorotoluene	11.347	91	24398	4.133	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	27842	4.210	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.006	75	2935	4.063	ug/l	98
82) 4-Chlorotoluene	11.439	91	27644	3.985	ug/l	96
83) tert-Butylbenzene	11.695	119	27653	4.139	ug/l	98
84) 1,2,4-Trimethylbenzene	11.737	105	27710	4.208	ug/l	97
85) sec-Butylbenzene	11.872	105	33627	4.117	ug/l	99
86) p-Isopropyltoluene	11.993	119	28855	4.191	ug/l	96
87) 1,3-Dichlorobenzene	11.951	146	15969	4.235	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	17458	4.467	ug/l	94
89) n-Butylbenzene	12.317	91	25627	3.996	ug/l	99
90) Hexachloroethane	12.518	117	6367	4.382	ug/l	93
91) 1,2-Dichlorobenzene	12.317	146	14599	4.098	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.926	75	1996	4.786	ug/l	98
93) 1,2,4-Trichlorobenzene	13.566	180	8951	4.256	ug/l	100
94) Hexachlorobutadiene	13.707	225	4216	5.198	ug/l	96
95) Naphthalene	13.755	128	23335	4.210	ug/l	99
96) 1,2,3-Trichlorobenzene	13.938	180	8161	4.206	ug/l	94

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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

Manual Integrations

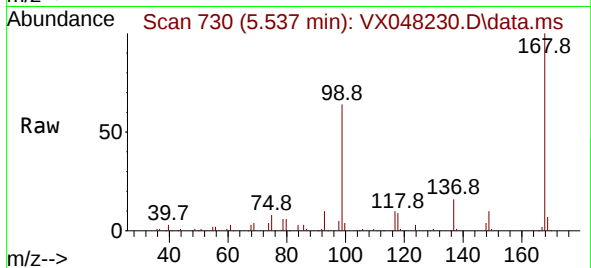
Quant Time: Oct 20 12:39:15 2025
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Quant Title : SW846 8260
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

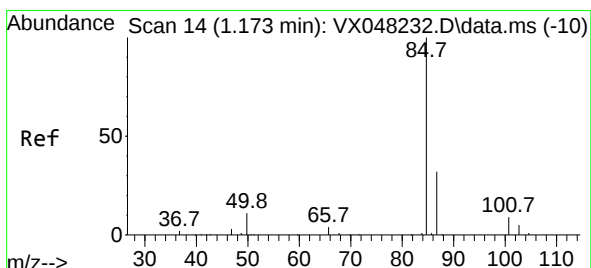
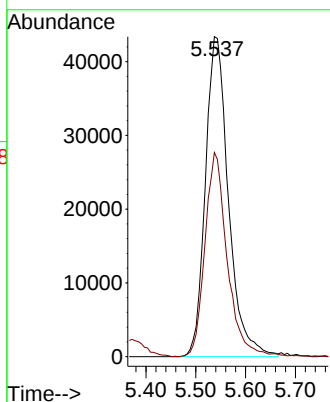
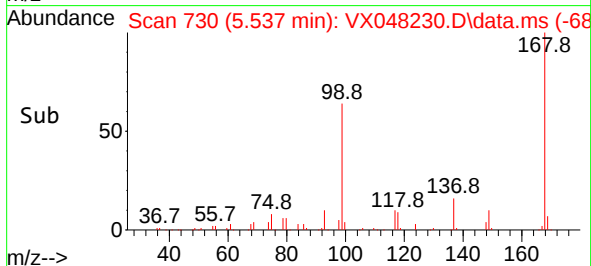
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:168 Resp: 13949
Ion Ratio Lower Upper
168 100
99 63.8 46.4 69.6

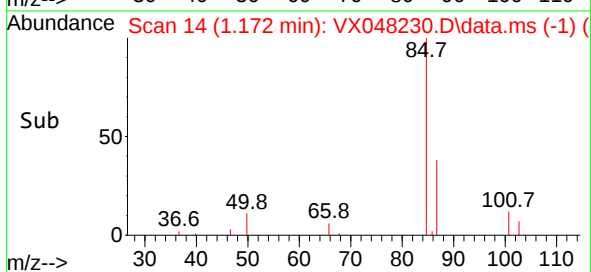
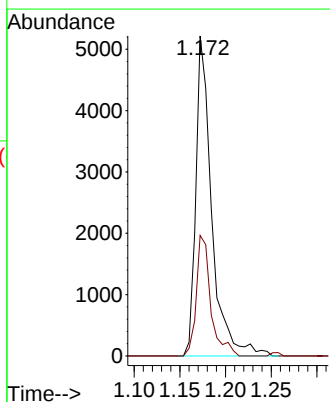
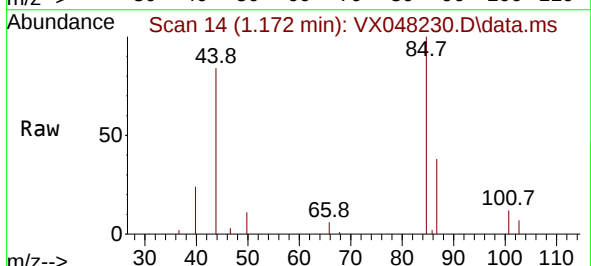
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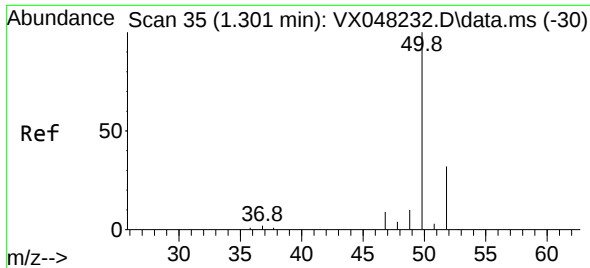
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#2
Dichlorodifluoromethane
Concen: 4.299 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

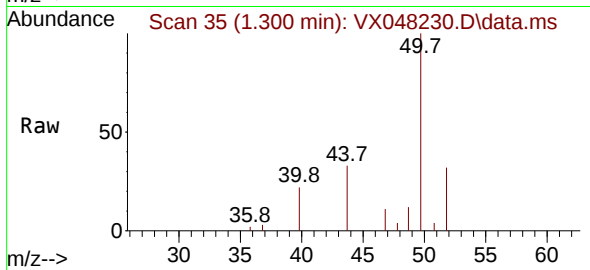
Tgt Ion: 85 Resp: 6294
Ion Ratio Lower Upper
85 100
87 37.7 15.3 45.9





#3
Chloromethane
Concen: 3.035 ug/l
RT: 1.300 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

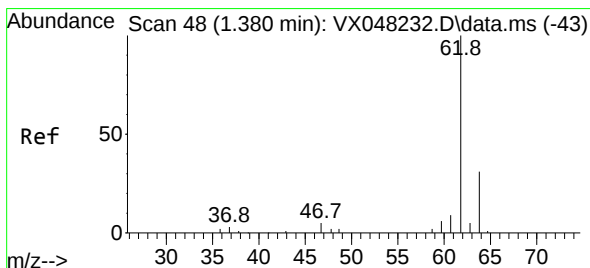
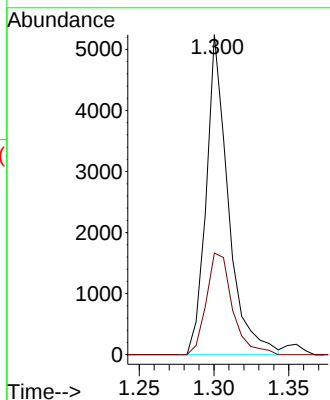
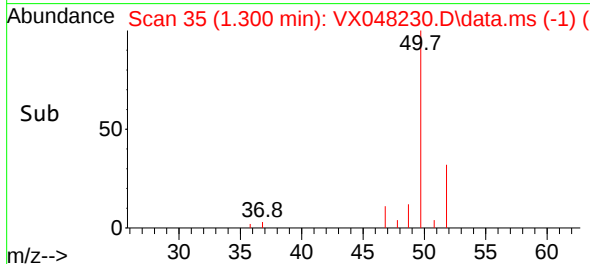
Instrument :
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ClientSampleId :
VSTDICC005



Tgt Ion: 50 Resp: 538
Ion Ratio Lower Upper
50 100
52 31.7 25.9 38.9

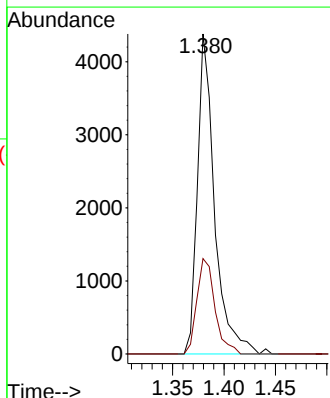
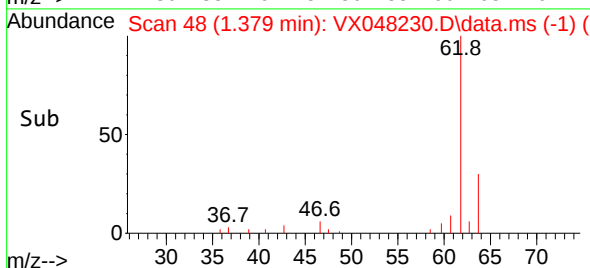
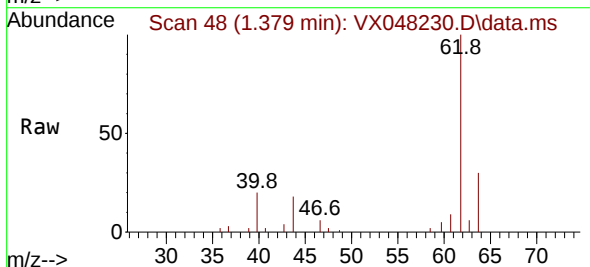
Manual Integrations
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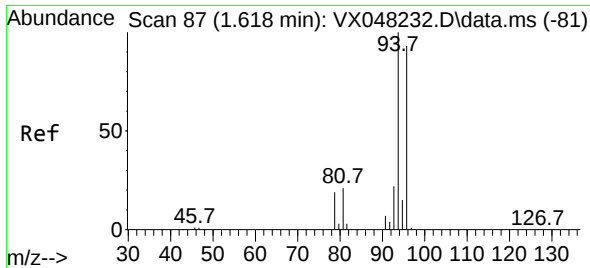
Reviewed By :John Carlone 10/21/2025
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#4
Vinyl Chloride
Concen: 2.727 ug/l
RT: 1.379 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

Tgt Ion: 62 Resp: 5096
Ion Ratio Lower Upper
62 100
64 29.8 25.1 37.7





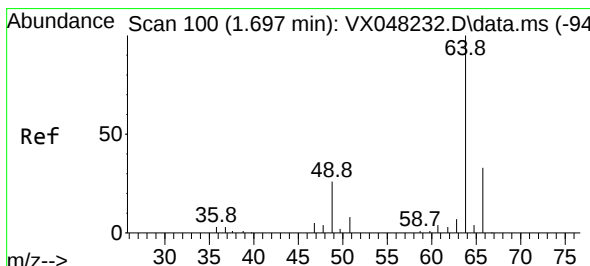
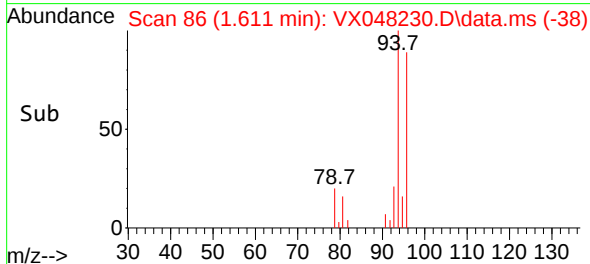
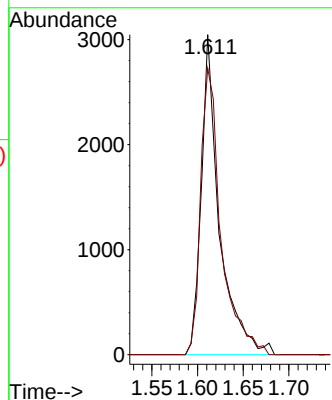
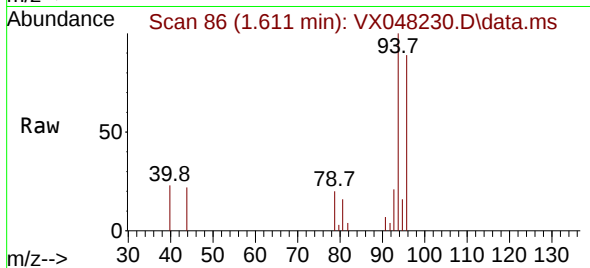
#5
Bromomethane
Concen: 3.374 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 94 Resp: 419
Ion Ratio Lower Upper
94 100
96 89.5 76.0 114.0

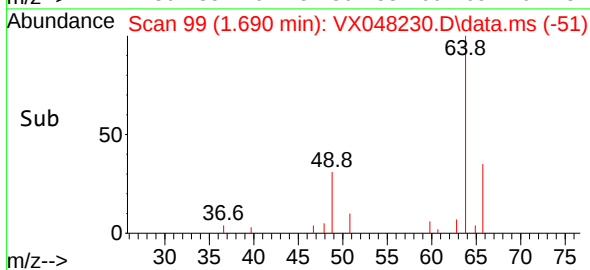
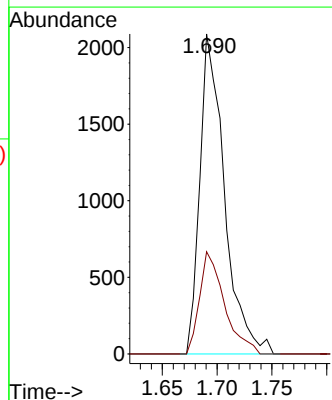
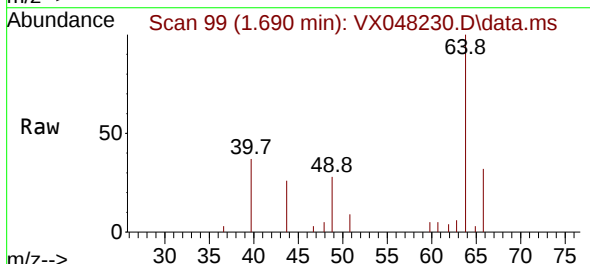
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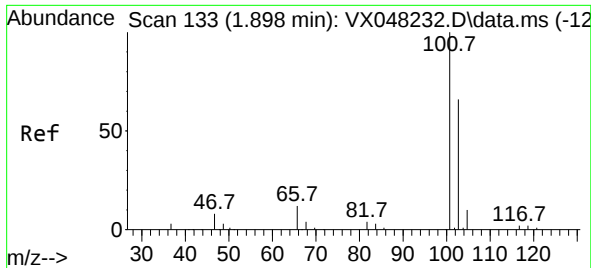
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#6
Chloroethane
Concen: 2.741 ug/l
RT: 1.690 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

Tgt Ion: 64 Resp: 3260
Ion Ratio Lower Upper
64 100
66 31.9 23.9 35.9





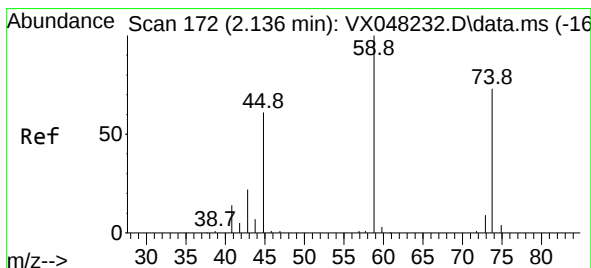
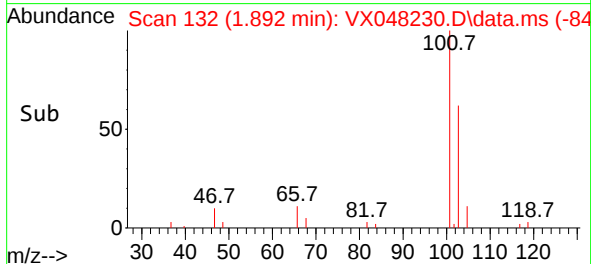
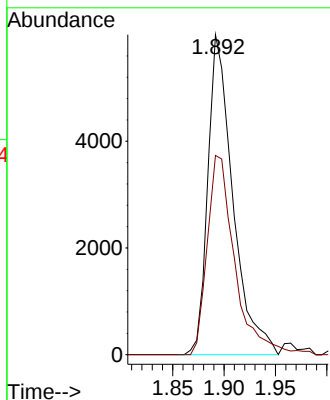
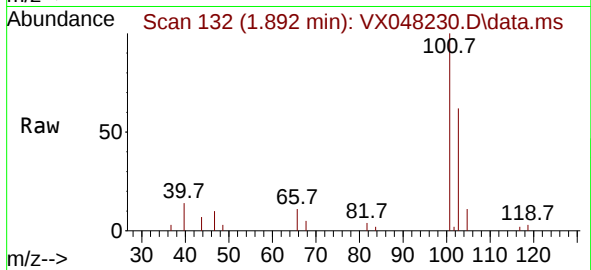
#7
Trichlorofluoromethane
Concen: 3.459 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 1014
Ion Ratio Lower Upper
101 100
103 62.3 51.6 77.4

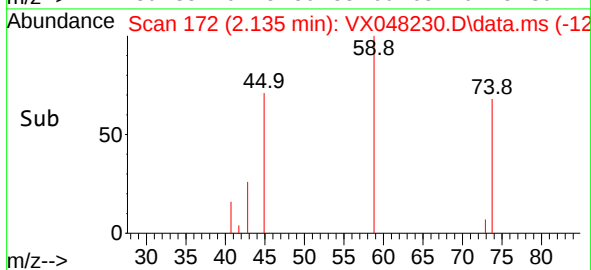
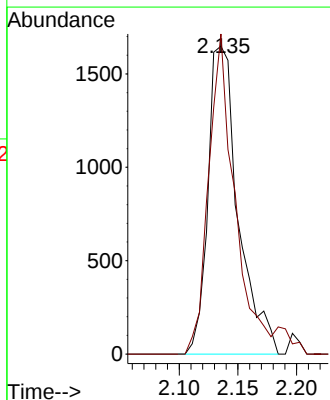
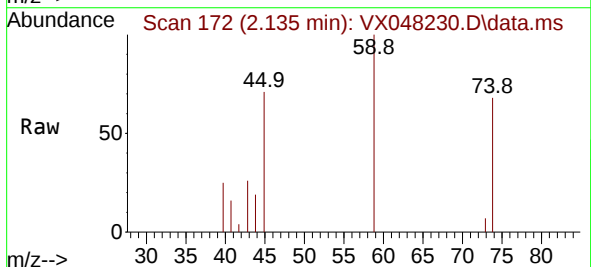
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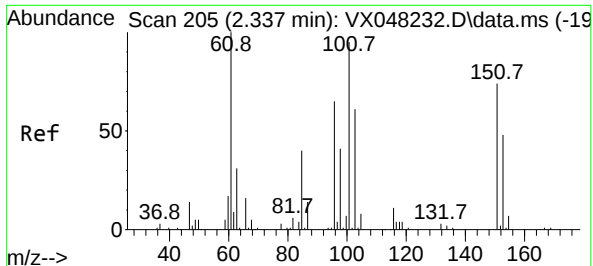
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#8
Diethyl Ether
Concen: 2.959 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

Tgt Ion: 74 Resp: 2961
Ion Ratio Lower Upper
74 100
45 89.6 50.0 149.8





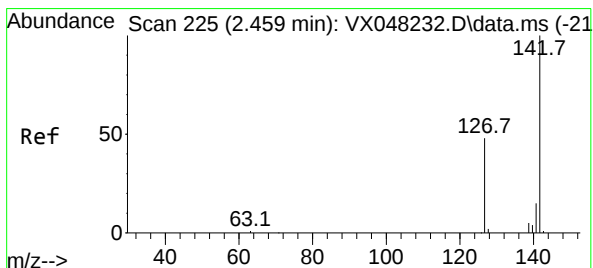
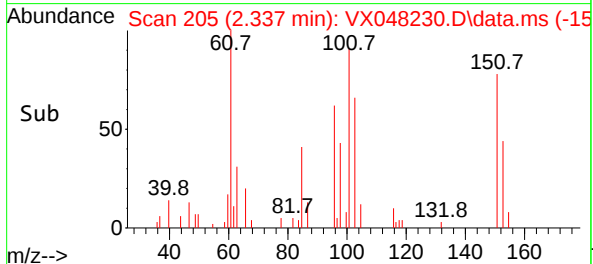
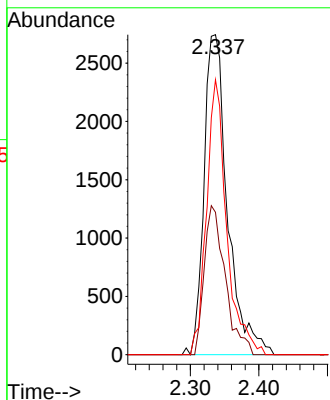
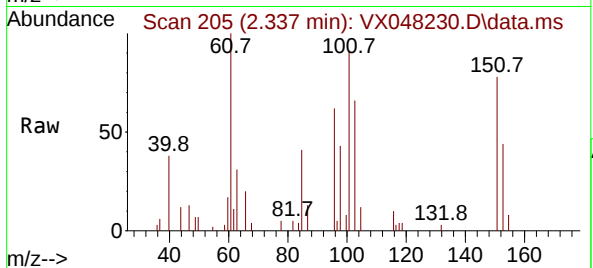
#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.961 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 6548
Ion Ratio Lower Upper
101 100
85 41.6 35.6 53.4
151 73.6 58.0 87.0

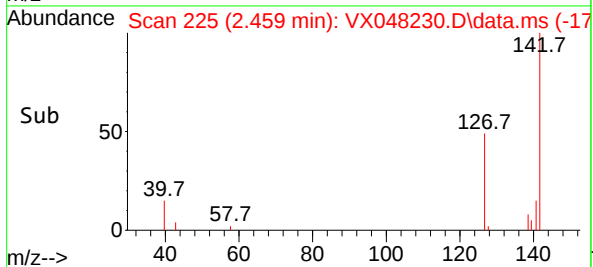
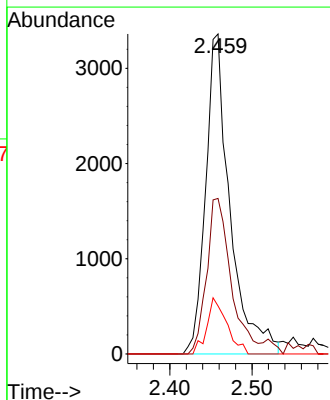
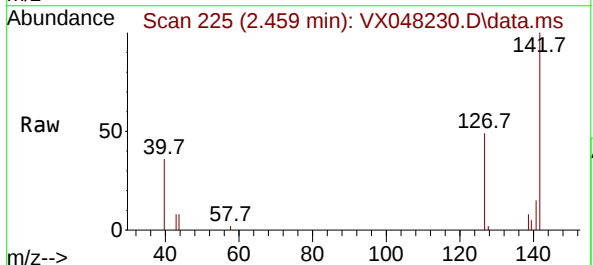
Manual Integrations
APPROVED

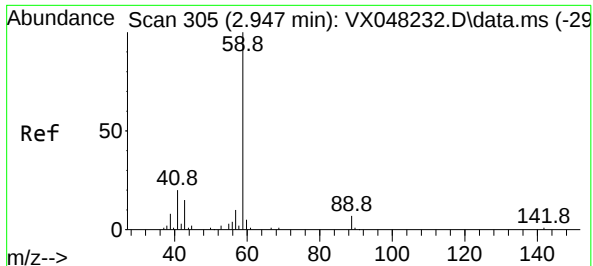
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#10
Methyl Iodide
Concen: 3.498 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

Tgt Ion:142 Resp: 6926
Ion Ratio Lower Upper
142 100
127 48.3 38.5 57.7
141 14.4 11.6 17.4





#11

Tert butyl alcohol

Concen: 30.086 ug/l

RT: 2.946 min Scan# 305

Delta R.T. 0.006 min

Lab File: VX048230.D

Acq: 20 Oct 2025 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 59 Resp: 4314

Ion Ratio Lower Upper

59 100

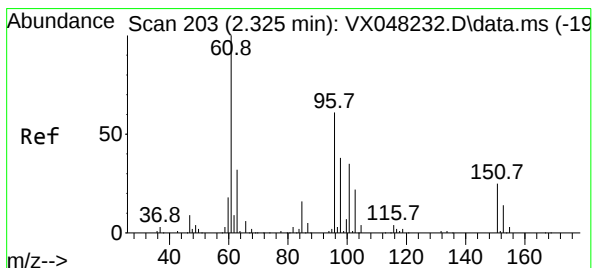
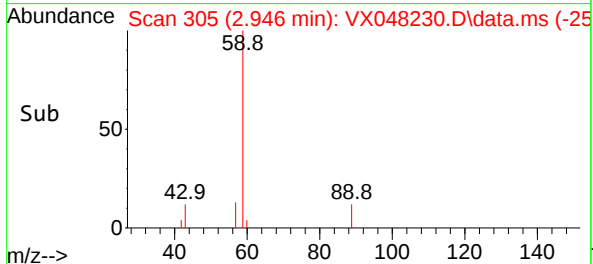
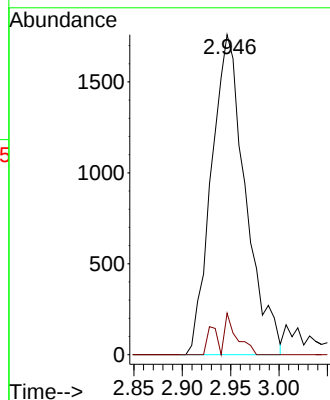
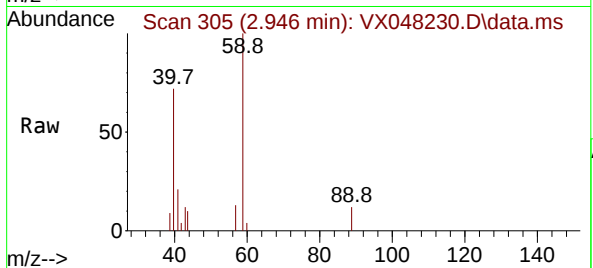
57 4.6 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#12

1,1-Dichloroethene

Concen: 3.895 ug/l

RT: 2.324 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX048230.D

Acq: 20 Oct 2025 11:20

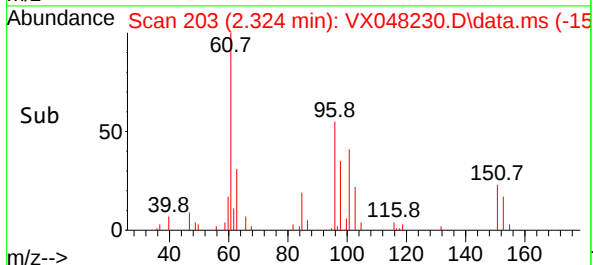
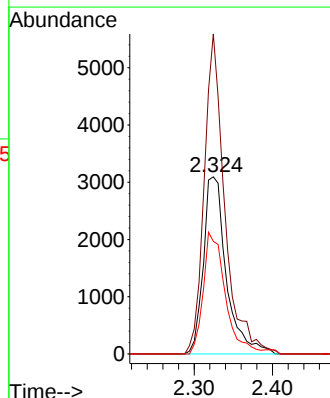
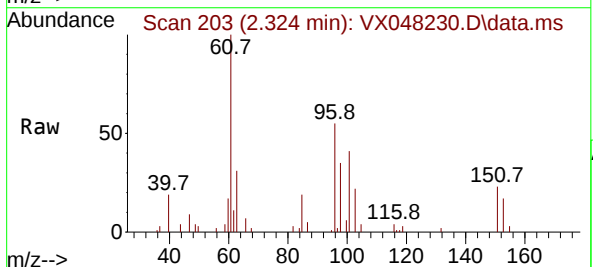
Tgt Ion: 96 Resp: 6296

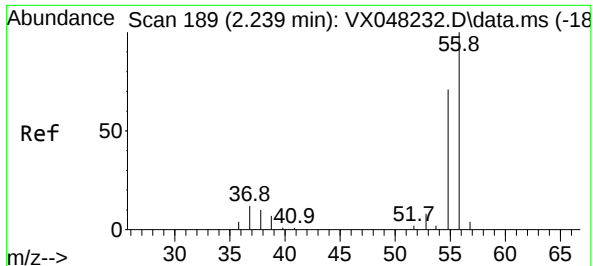
Ion Ratio Lower Upper

96 100

61 180.7 139.0 208.6

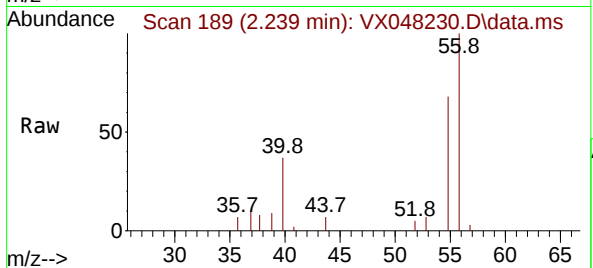
98 63.6 52.4 78.6





#13
Acrolein
Concen: 18.653 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

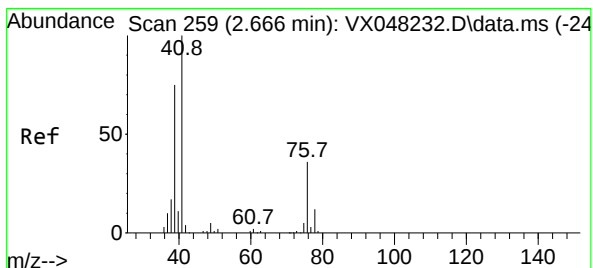
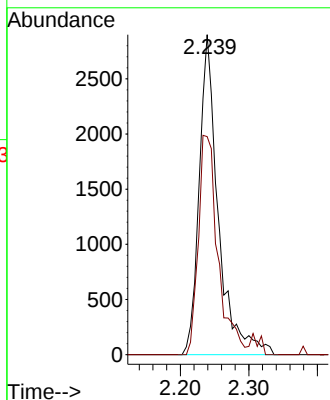
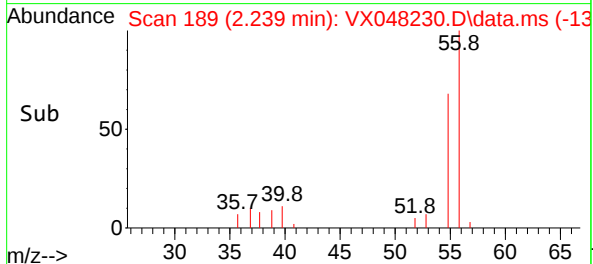
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 56 Resp: 562
Ion Ratio Lower Upper
56 100
55 70.2 56.1 84.1

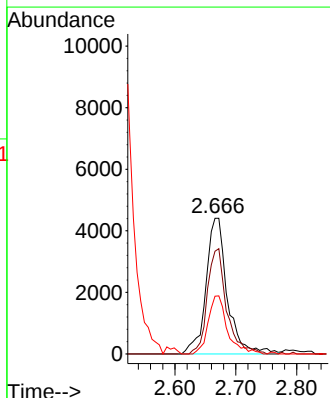
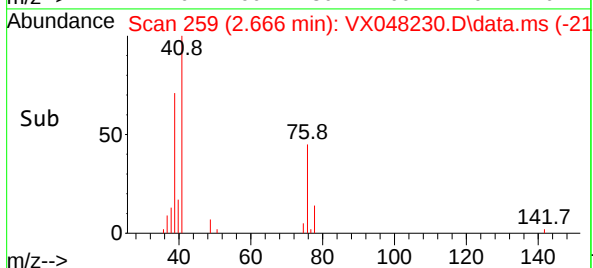
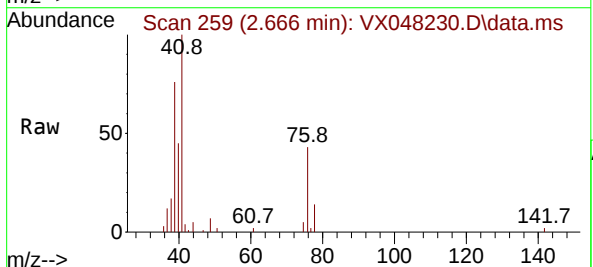
Manual Integrations
APPROVED

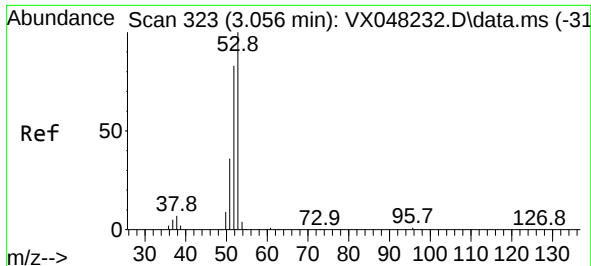
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#14
Allyl chloride
Concen: 3.695 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

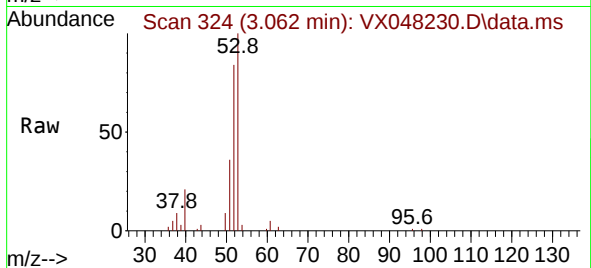
Tgt Ion: 41 Resp: 10745
Ion Ratio Lower Upper
41 100
39 69.9 56.0 84.0
76 38.3 27.5 41.3





#15
Acrylonitrile
Concen: 22.075 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

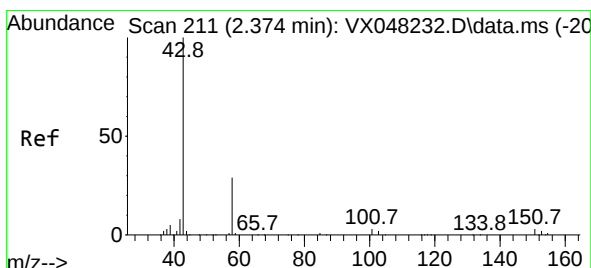
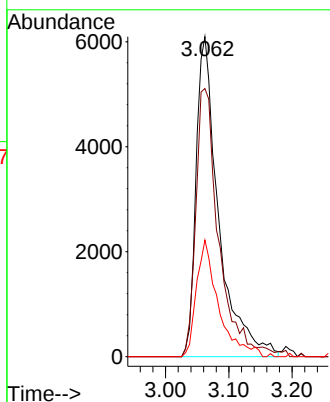
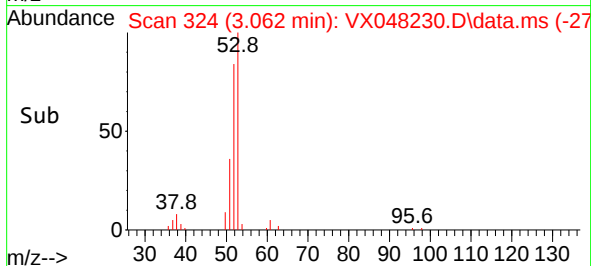
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 53 Resp: 1516
Ion Ratio Lower Upper
53 100
52 84.7 66.1 99.1
51 35.5 29.0 43.4

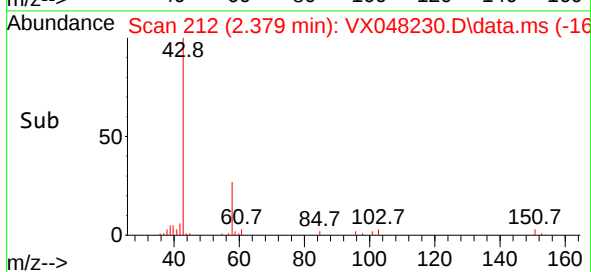
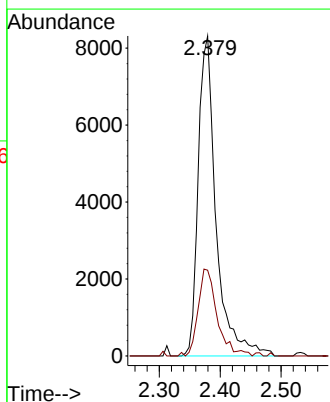
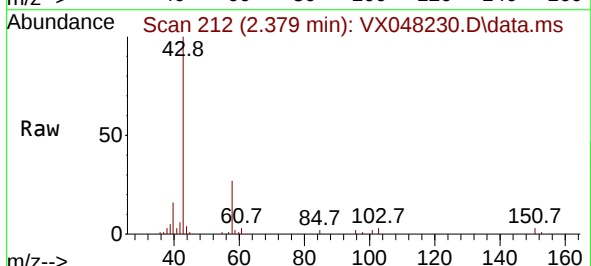
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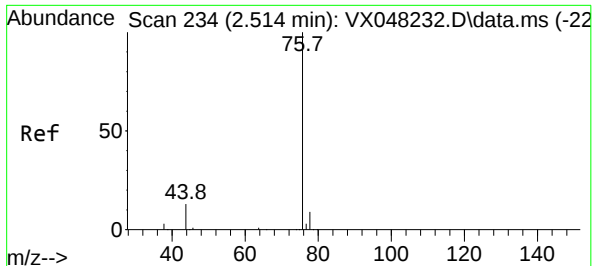
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#16
Acetone
Concen: 22.934 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

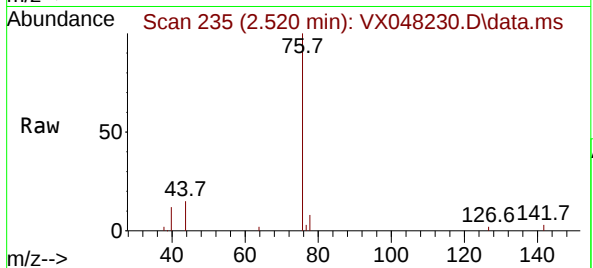
Tgt Ion: 43 Resp: 16907
Ion Ratio Lower Upper
43 100
58 28.4 23.4 35.2





#17
Carbon Disulfide
Concen: 3.861 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

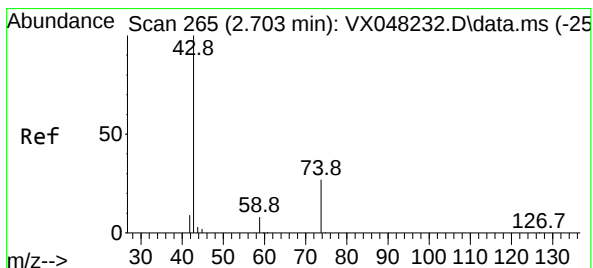
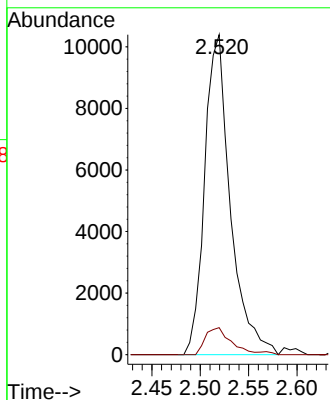
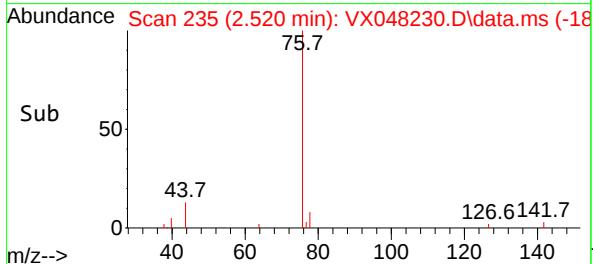
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 76 Resp: 1920
Ion Ratio Lower Upper
76 100
78 8.4 7.1 10.7

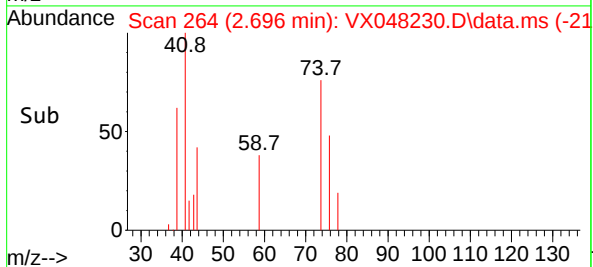
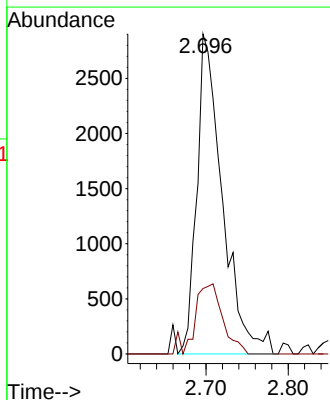
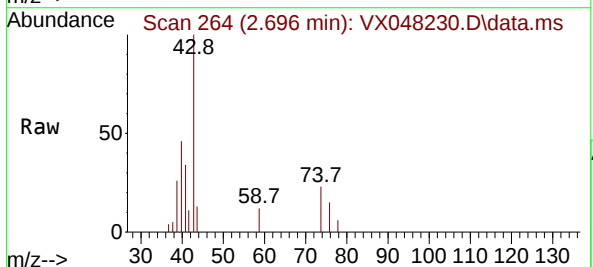
Manual Integrations
APPROVED

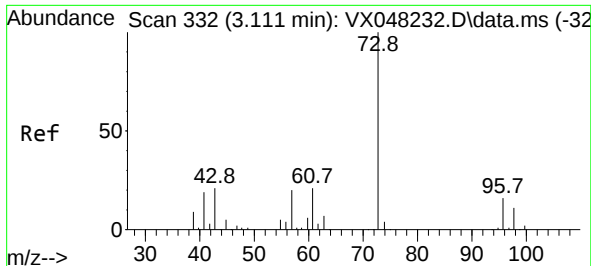
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#18
Methyl Acetate
Concen: 4.180 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

Tgt Ion: 43 Resp: 6277
Ion Ratio Lower Upper
43 100
74 22.6 17.5 26.3





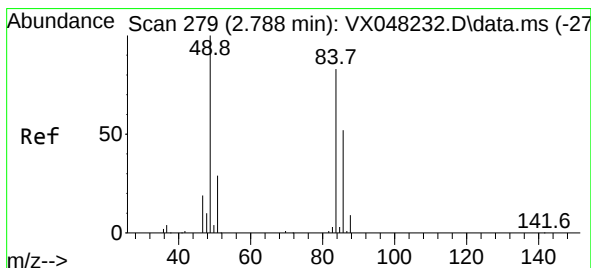
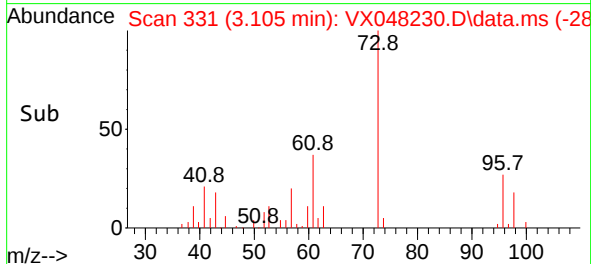
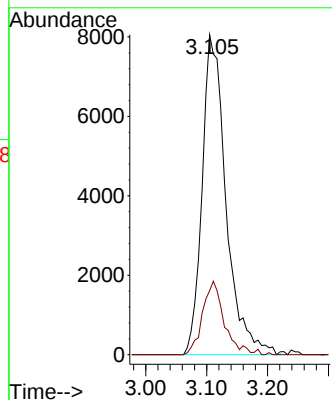
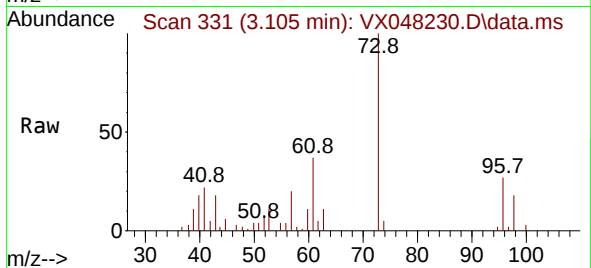
#19
Methyl tert-butyl Ether
Concen: 4.506 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 2194
Ion Ratio Lower Upper
73 100
57 20.0 17.7 26.5

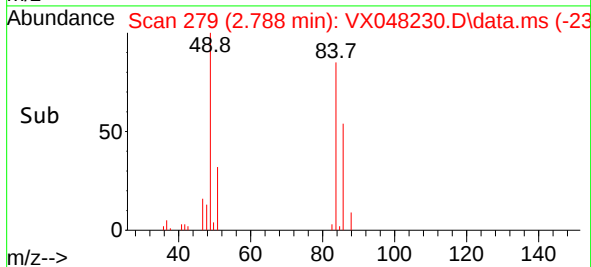
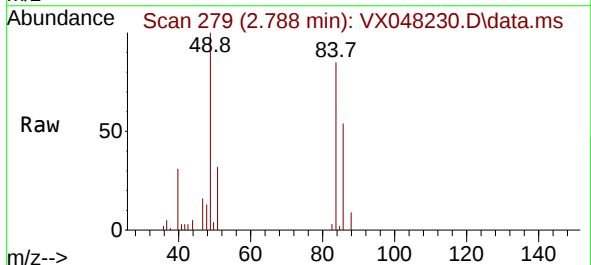
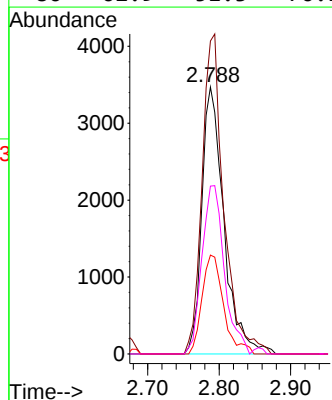
Manual Integrations
APPROVED

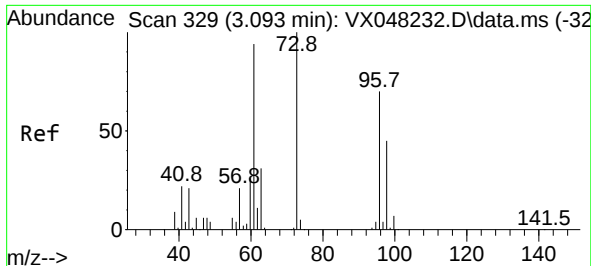
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#20
Methylene Chloride
Concen: 4.147 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

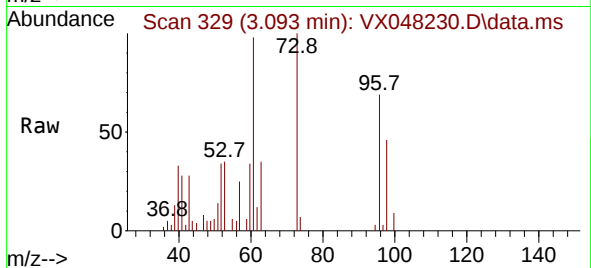
Tgt Ion: 84 Resp: 7448
Ion Ratio Lower Upper
84 100
49 117.3 104.1 156.1
51 37.0 31.3 46.9
86 62.9 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 4.150 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

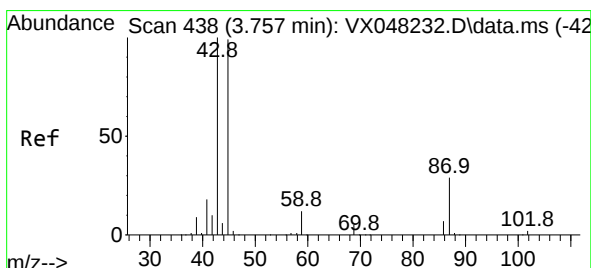
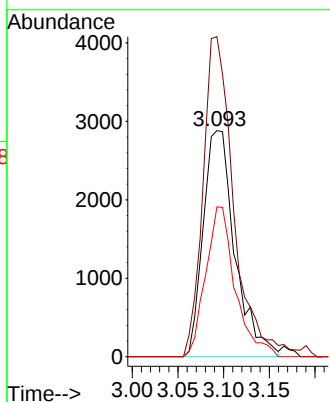
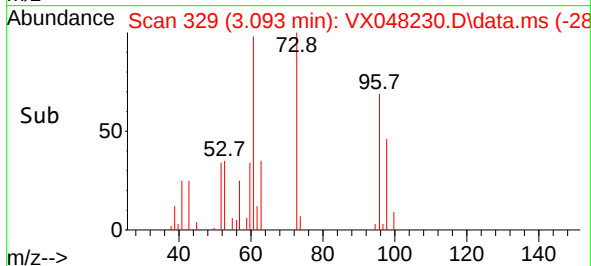
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 6940
Ion Ratio Lower Upper
96 100
61 141.6 111.9 167.9
98 66.3 51.2 76.8

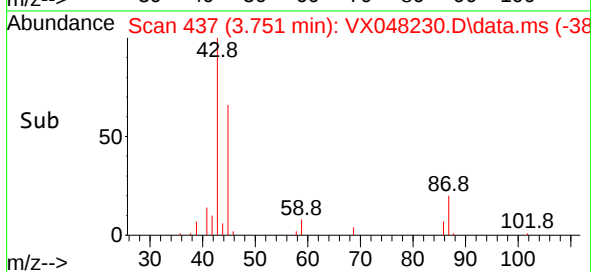
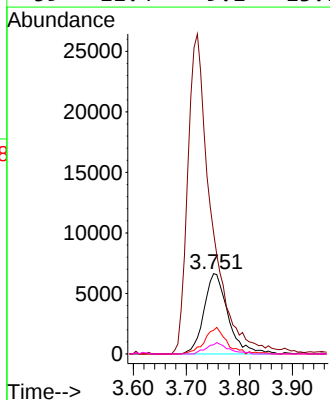
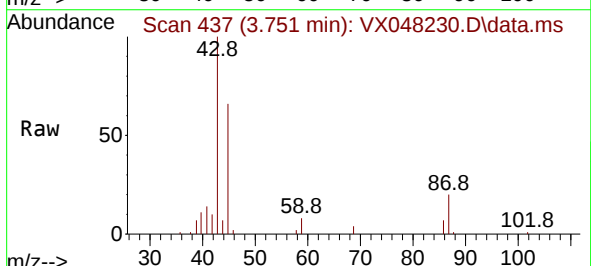
Manual Integrations
APPROVED

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



#22
Diisopropyl ether
Concen: 3.695 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

Tgt Ion: 45 Resp: 21040
Ion Ratio Lower Upper
45 100
43 145.9 89.8 134.8#
87 31.3 20.6 31.0#
59 11.4 9.1 13.7





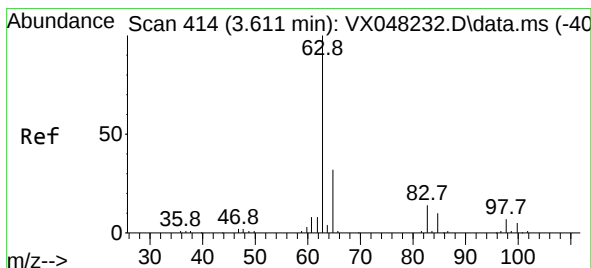
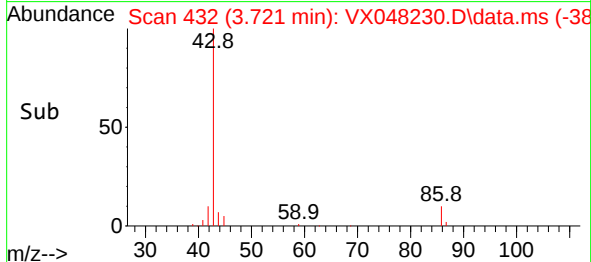
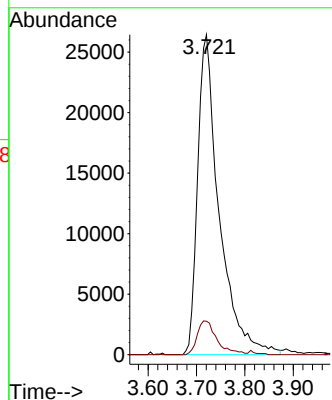
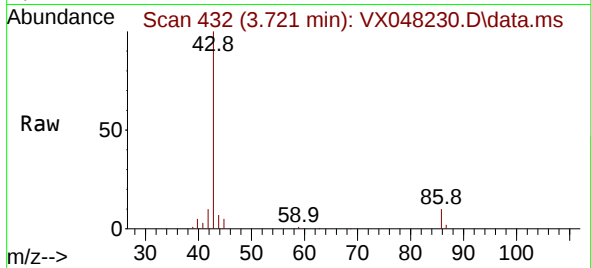
#23
 Vinyl Acetate
 Concen: 19.179 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX048230.D
 Acq: 20 Oct 2025 11:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Tgt Ion: 43 Resp: 8165
 Ion Ratio Lower Upper
 43 100
 86 12.7 7.9 11.9

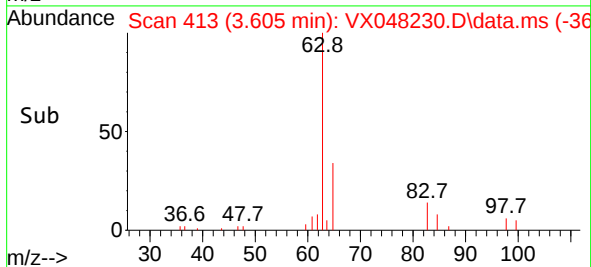
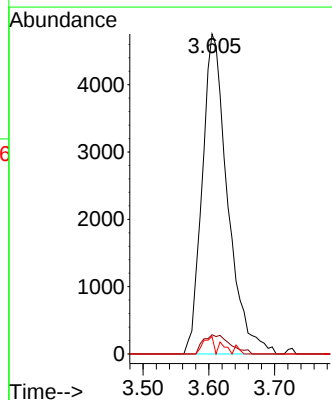
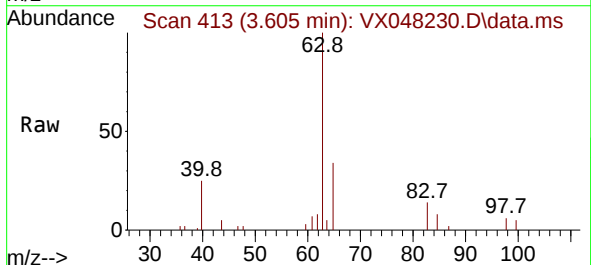
Manual Integrations
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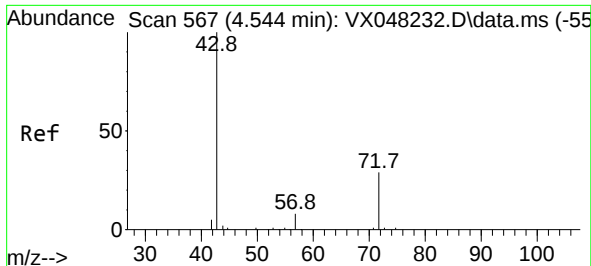
Reviewed By :John Carlone 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025



#24
 1,1-Dichloroethane
 Concen: 3.951 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048230.D
 Acq: 20 Oct 2025 11:20

Tgt Ion: 63 Resp: 12761
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.5 10.6
 100 5.2 2.1 6.3





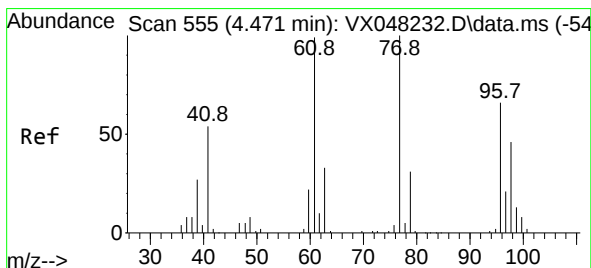
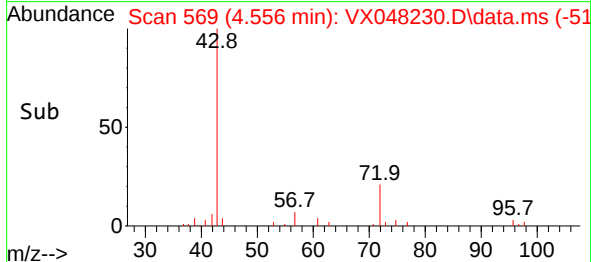
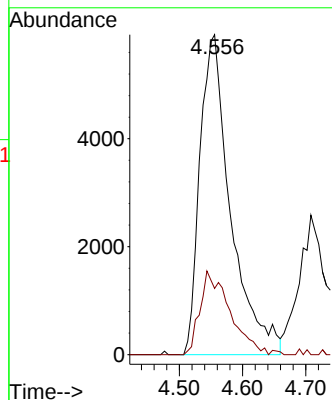
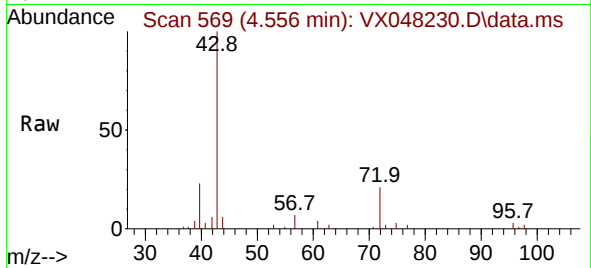
#25
2-Butanone
Concen: 23.305 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.018 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 20010
Ion Ratio Lower Upper
43 100
72 20.7 19.9 29.9

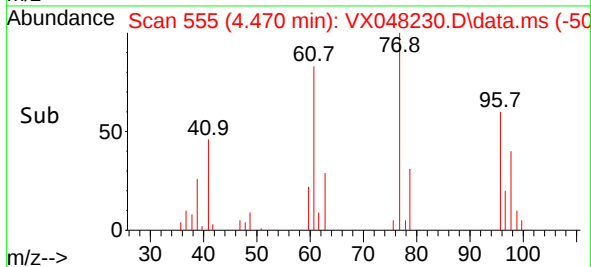
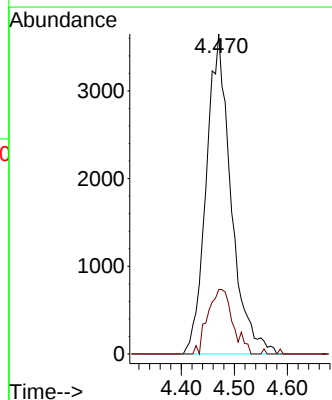
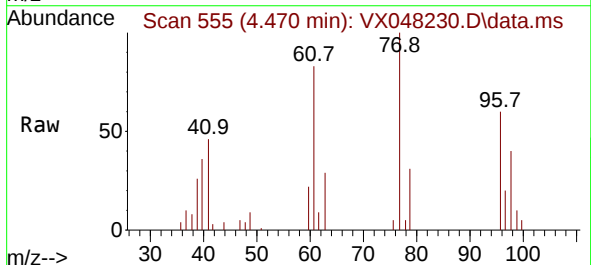
Manual Integrations
APPROVED

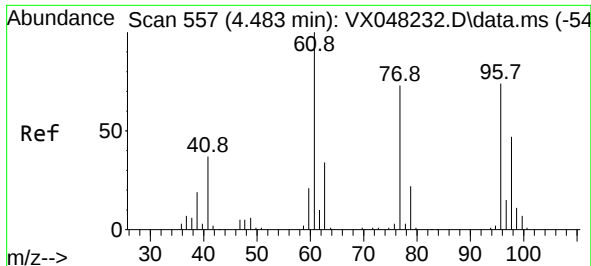
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#26
2,2-Dichloropropane
Concen: 4.291 ug/l
RT: 4.470 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

Tgt Ion: 77 Resp: 11847
Ion Ratio Lower Upper
77 100
97 20.2 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 4.264 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX048230.D

Acq: 20 Oct 2025 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 846

Ion Ratio Lower Upper

96 100

61 140.0 0.0 294.2

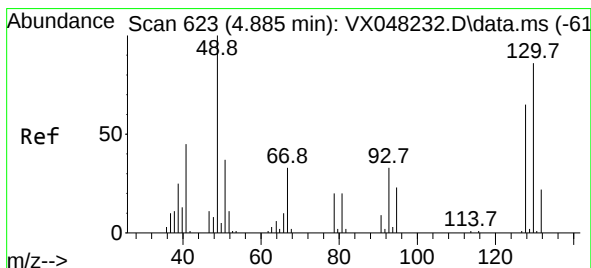
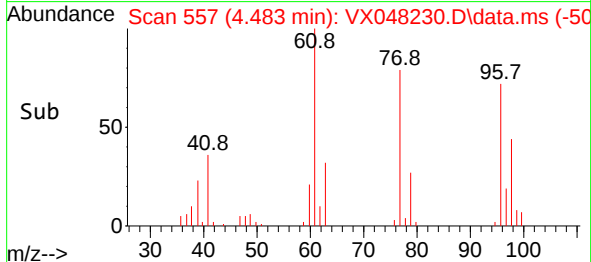
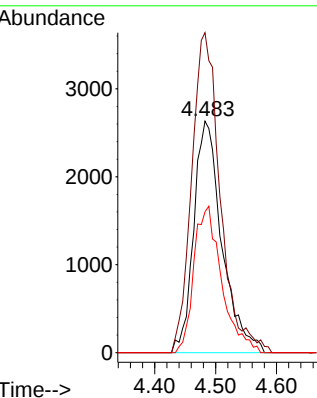
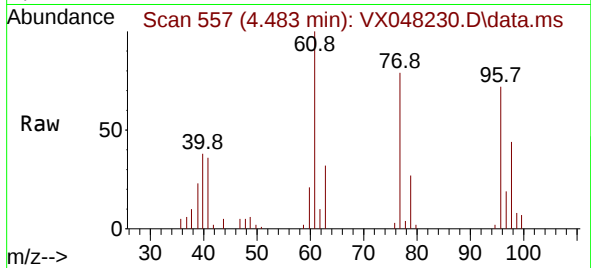
98 62.2 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#28

Bromochloromethane

Concen: 3.970 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.012 min

Lab File: VX048230.D

Acq: 20 Oct 2025 11:20

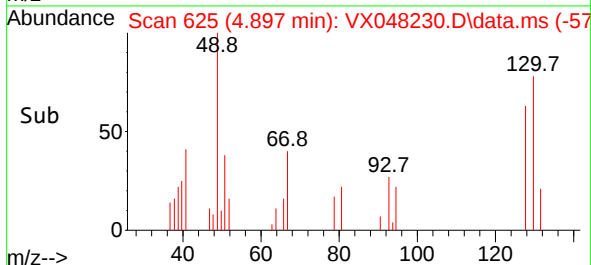
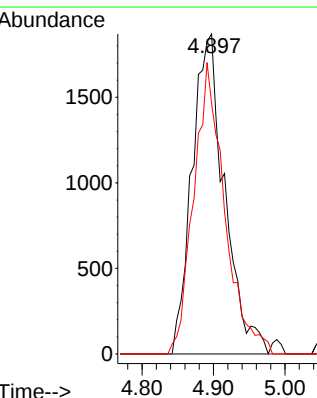
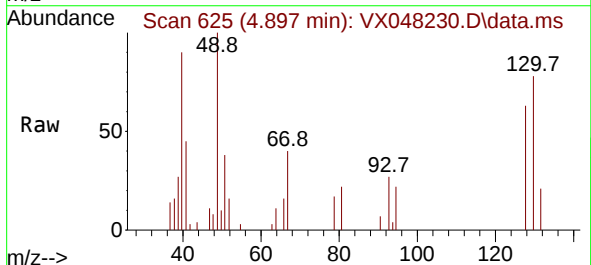
Tgt Ion: 49 Resp: 5911

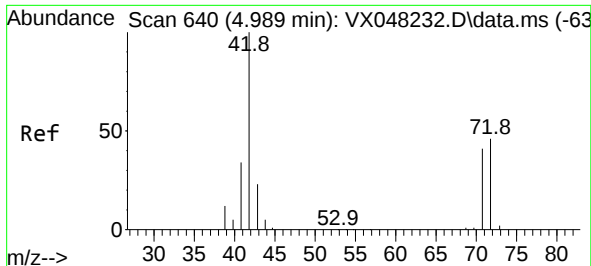
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.4

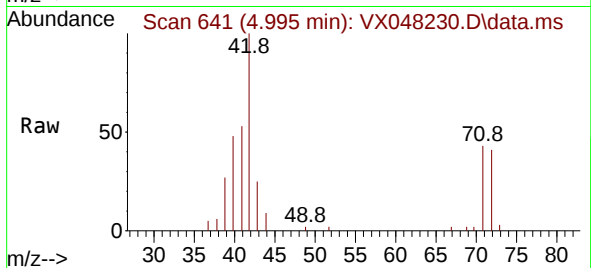
130 86.5 59.3 88.9





#29
Tetrahydrofuran
Concen: 23.429 ug/l
RT: 4.995 min Scan# 641
Delta R.T. 0.006 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

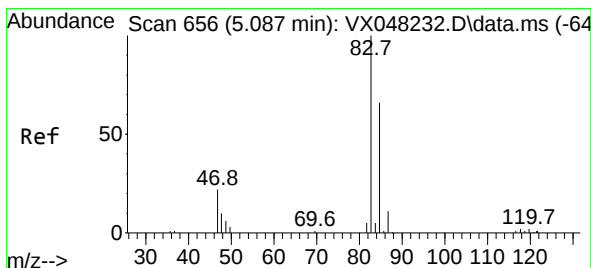
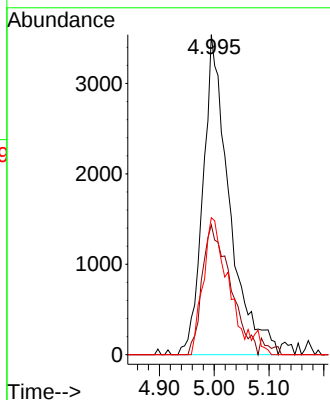
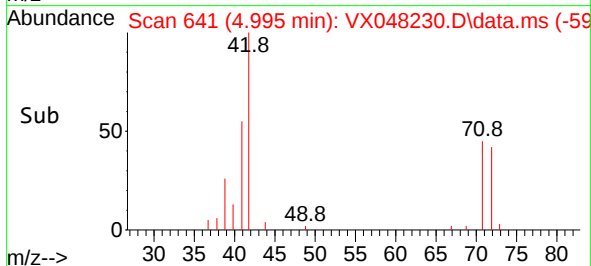
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 42 Resp: 1181
Ion Ratio Lower Upper
42 100
72 43.2 35.3 52.9
71 40.4 32.2 48.4

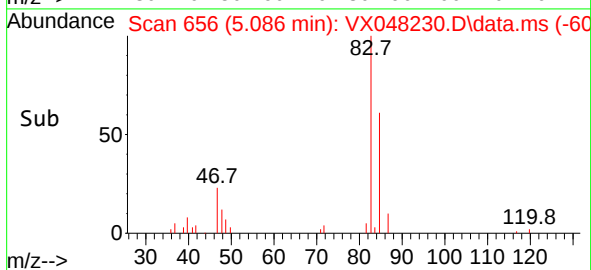
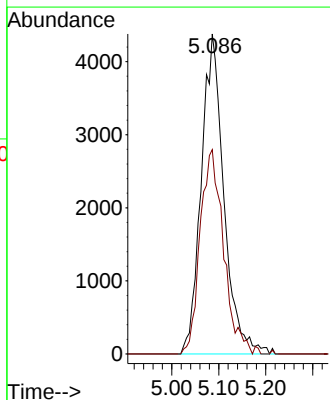
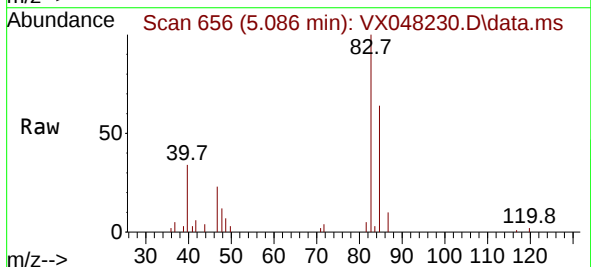
Manual Integrations
APPROVED

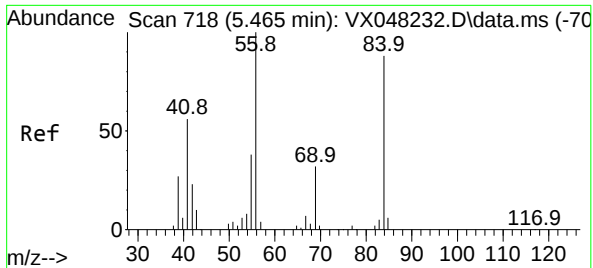
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#30
Chloroform
Concen: 4.309 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

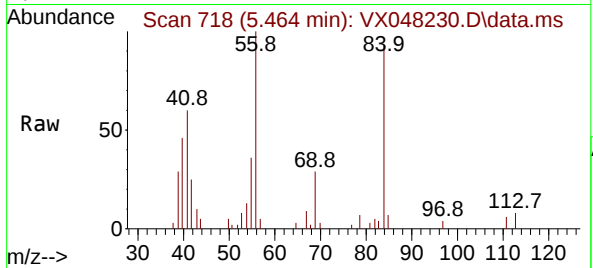
Tgt Ion: 83 Resp: 14652
Ion Ratio Lower Upper
83 100
85 62.1 50.1 75.1





#31
Cyclohexane
Concen: 3.977 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

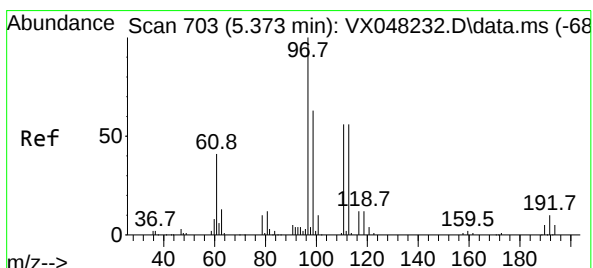
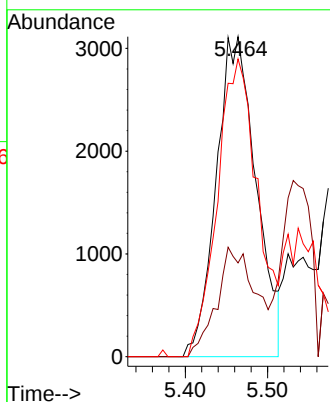
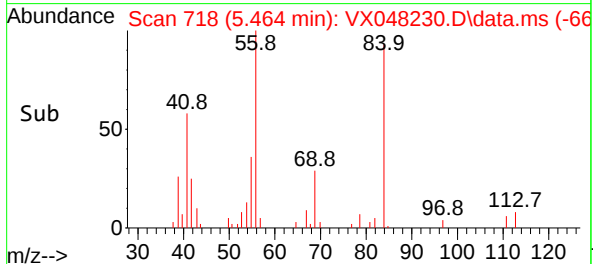
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 1051
Ion Ratio Lower Upper
56 100
69 29.3 23.0 34.6
84 93.1 64.6 97.0

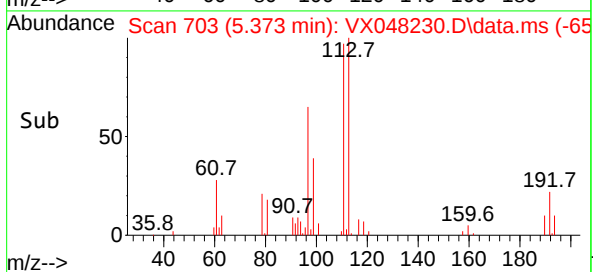
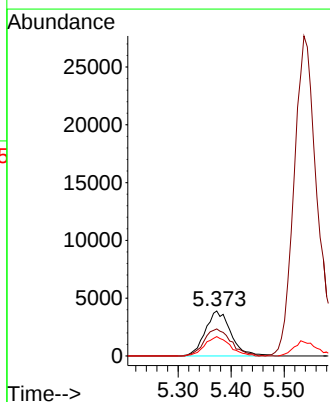
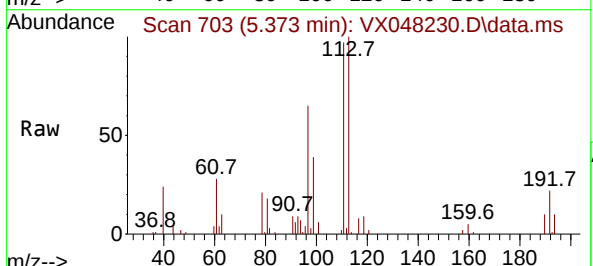
Manual Integrations
APPROVED

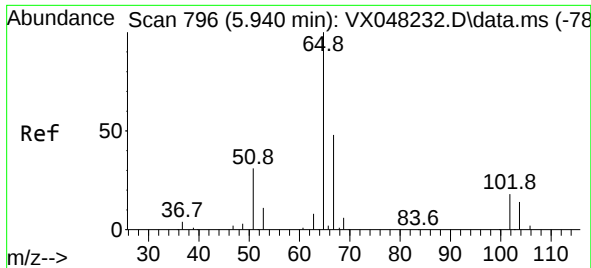
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#32
1,1,1-Trichloroethane
Concen: 4.662 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

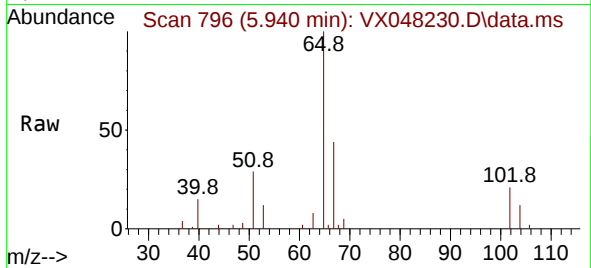
Tgt Ion: 97 Resp: 13027
Ion Ratio Lower Upper
97 100
99 62.9 51.7 77.5
61 42.1 34.8 52.2





#33
1,2-Dichloroethane-d4
Concen: 11.257 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

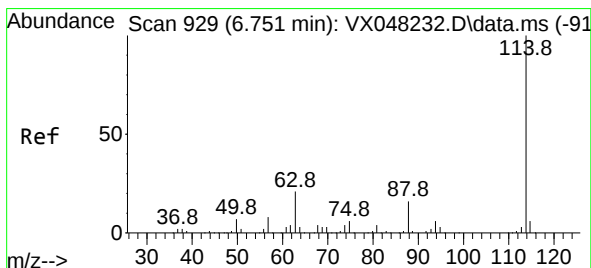
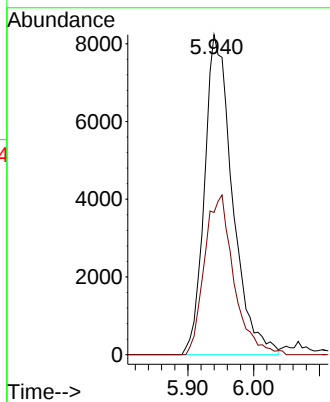
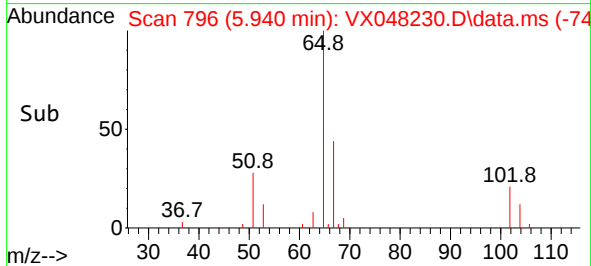
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



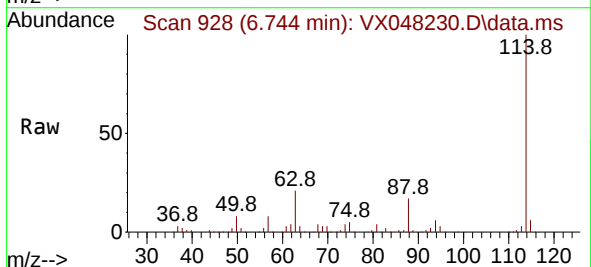
Tgt Ion: 65 Resp: 24320
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.0

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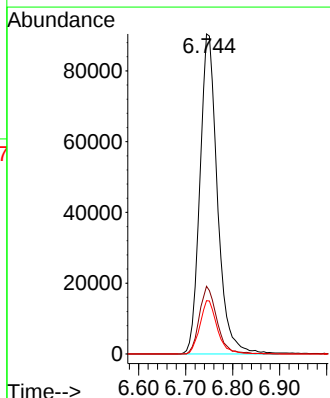
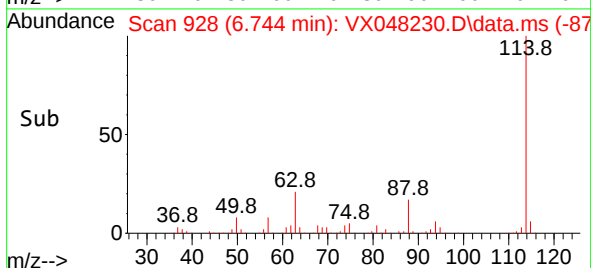
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

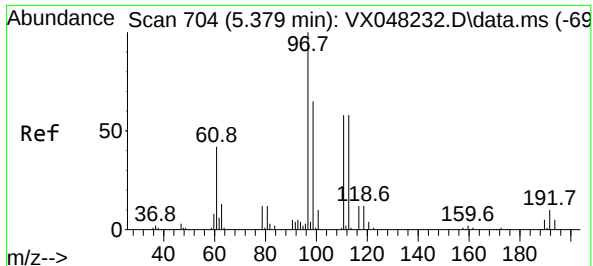


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.744 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20



Tgt Ion:114 Resp: 234517
Ion Ratio Lower Upper
114 100
63 21.2 0.0 43.2
88 16.7 0.0 33.6





#35

Dibromofluoromethane

Concen: 12.024 ug/l

RT: 5.373 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX048230.D

Acq: 20 Oct 2025 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

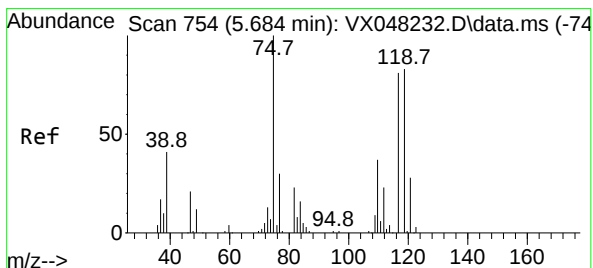
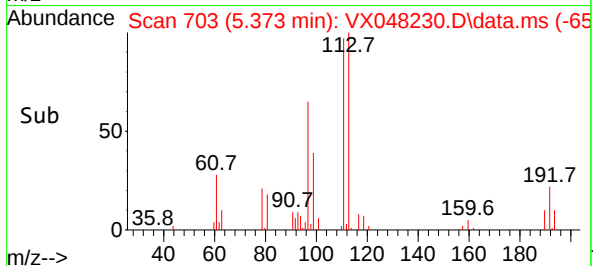
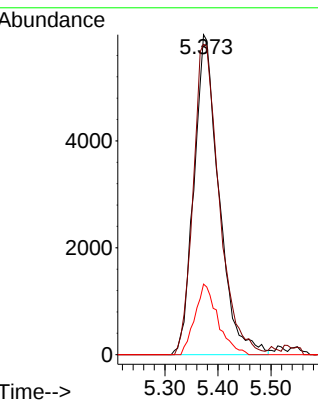
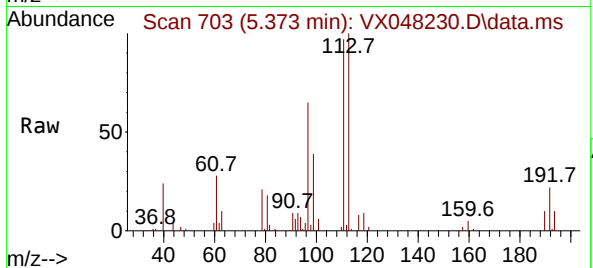
Tgt Ion:	113	Resp:	19570
Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.2	123.4
192	20.3	15.1	22.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#36

1,1-Dichloropropene

Concen: 4.214 ug/l

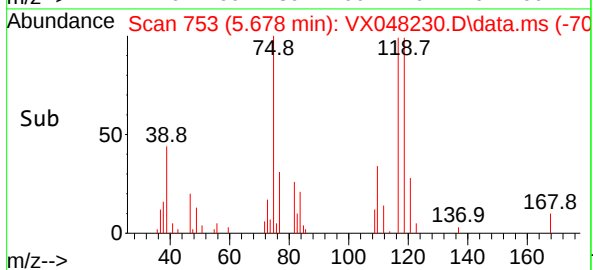
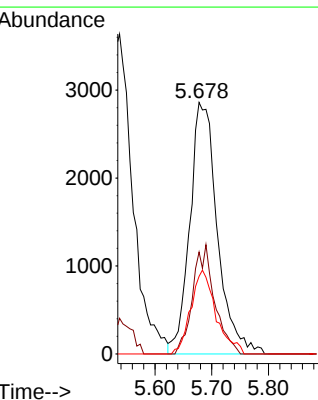
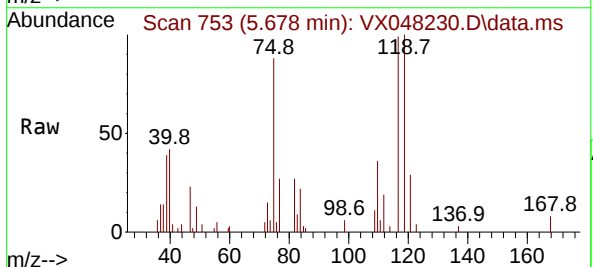
RT: 5.678 min Scan# 753

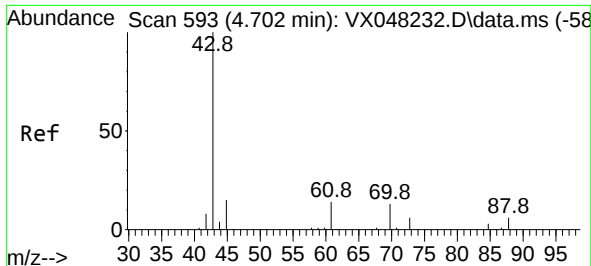
Delta R.T. -0.006 min

Lab File: VX048230.D

Acq: 20 Oct 2025 11:20

Tgt Ion:	75	Resp:	9661
Ion	Ratio	Lower	Upper
75	100		
110	34.6	17.7	53.1
77	30.3	24.3	36.5





#37

Ethyl Acetate

Concen: 4.797 ug/l

RT: 4.708 min Scan# 593

Delta R.T. 0.012 min

Lab File: VX048230.D

Acq: 20 Oct 2025 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

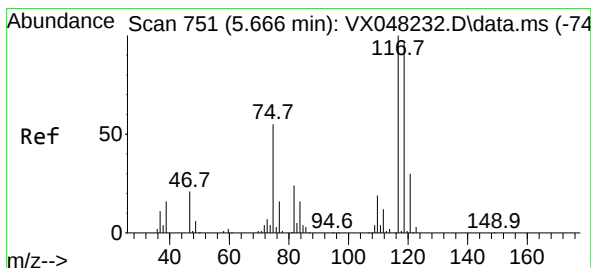
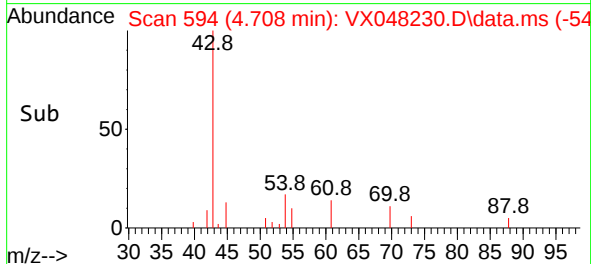
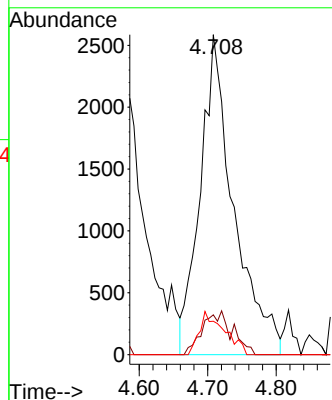
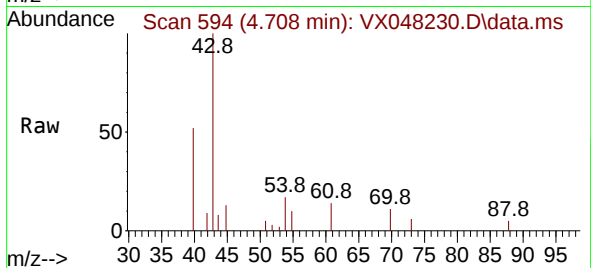
Tgt Ion:	43	Resp:	8790
Ion	Ratio	Lower	Upper
43	100		
61	12.1	10.6	15.8
70	0.0	7.8	11.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#38

Carbon Tetrachloride

Concen: 4.791 ug/l

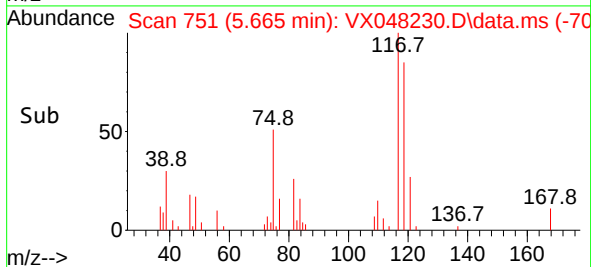
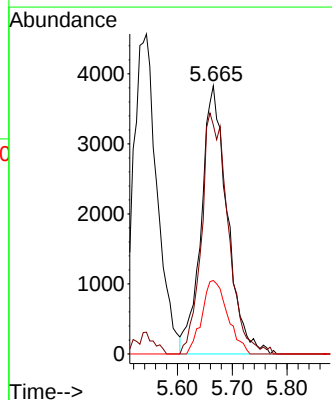
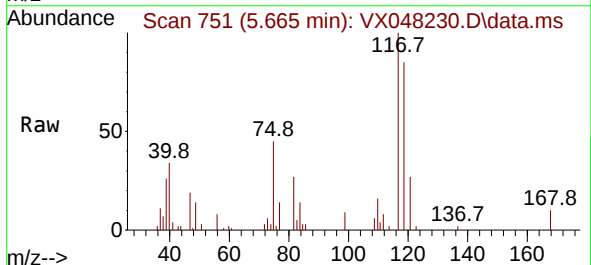
RT: 5.665 min Scan# 751

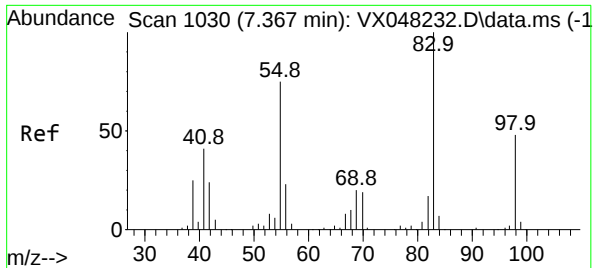
Delta R.T. -0.000 min

Lab File: VX048230.D

Acq: 20 Oct 2025 11:20

Tgt Ion:	117	Resp:	12609
Ion	Ratio	Lower	Upper
117	100		
119	85.4	77.2	115.8
121	27.4	24.8	37.2





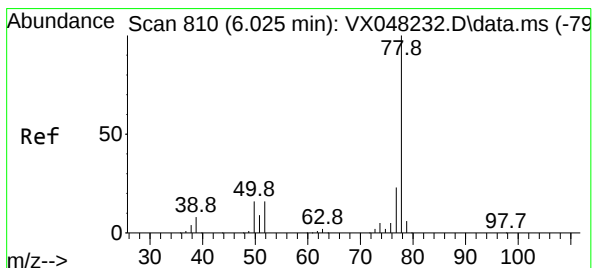
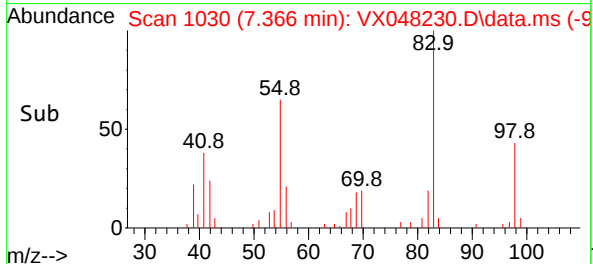
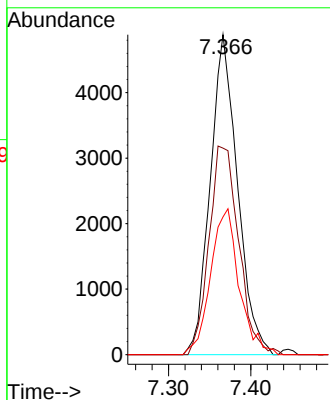
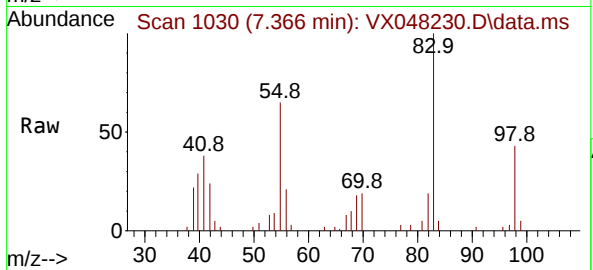
#39
Methylcyclohexane
Concen: 4.363 ug/l
RT: 7.366 min Scan# 11279
Delta R.T. -0.000 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 11279
Ion Ratio Lower Upper
83 100
55 64.5 66.2 99.2
98 43.0 38.9 58.3

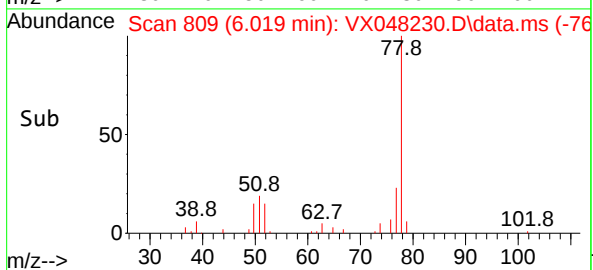
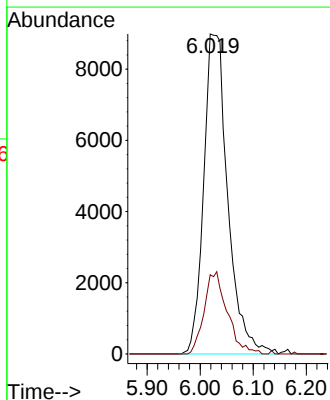
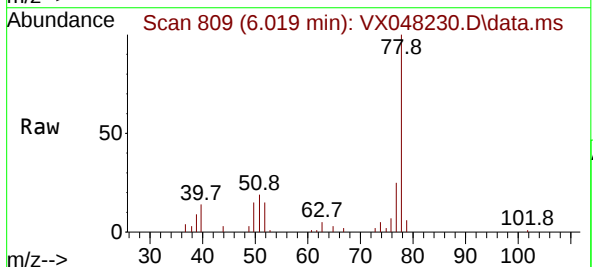
Manual Integrations
APPROVED

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



#40
Benzene
Concen: 4.172 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

Tgt Ion: 78 Resp: 28407
Ion Ratio Lower Upper
78 100
77 24.7 19.3 28.9





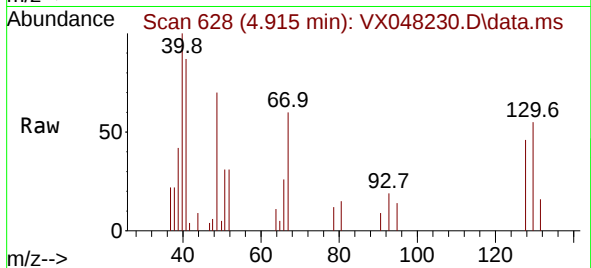
#41
Methacrylonitrile
Concen: 4.007 ug/l
RT: 4.915 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005



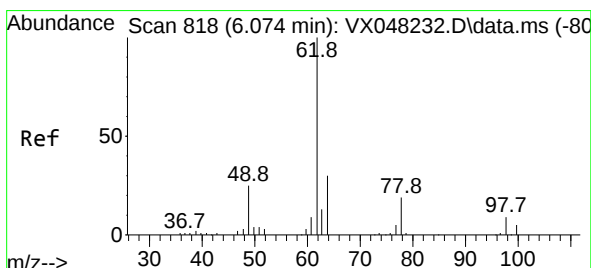
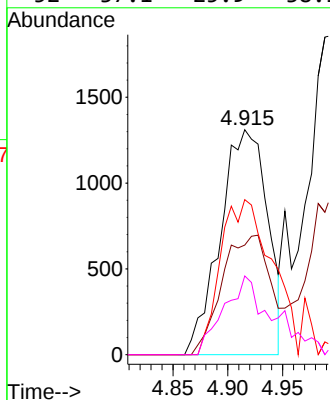
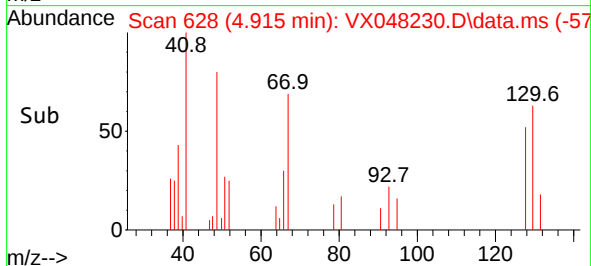
Tgt Ion: 41 Resp: 393
Ion Ratio Lower Upper
41 100
39 55.8 44.0 66.0
67 74.4 58.7 88.1
52 37.1 25.9 38.9

Manual Integrations

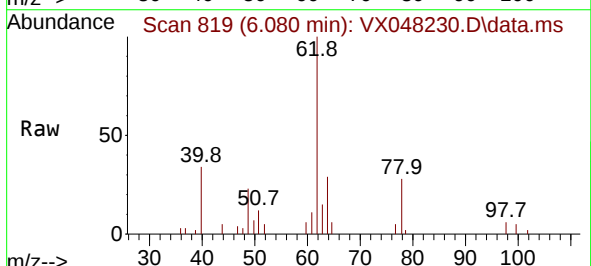
APPROVED

Reviewed By :John Carlone 10/21/2025

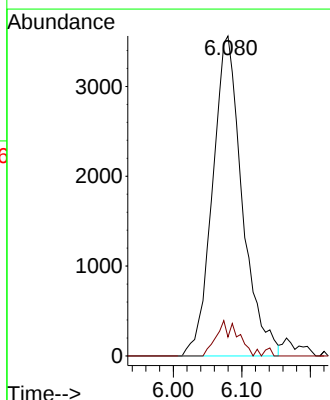
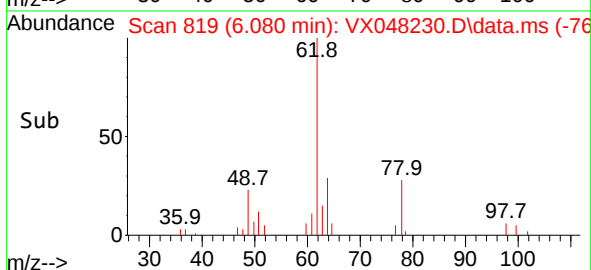
Supervised By :Semsettin Yesilyurt 10/21/2025

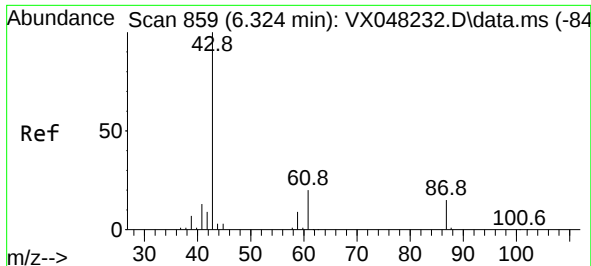


#42
1,2-Dichloroethane
Concen: 4.381 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.012 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20



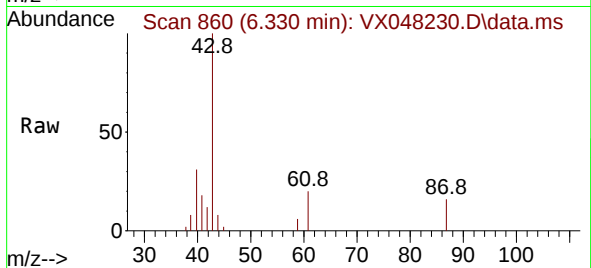
Tgt Ion: 62 Resp: 10687
Ion Ratio Lower Upper
62 100
98 8.0 0.0 17.2





#43
Isopropyl Acetate
Concen: 4.527 ug/l
RT: 6.330 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

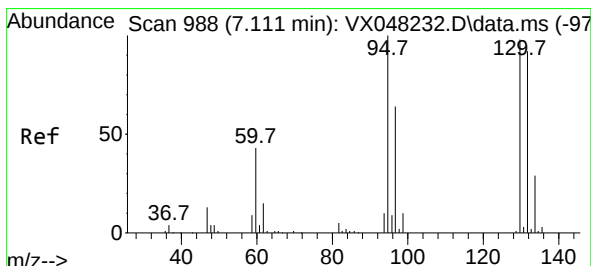
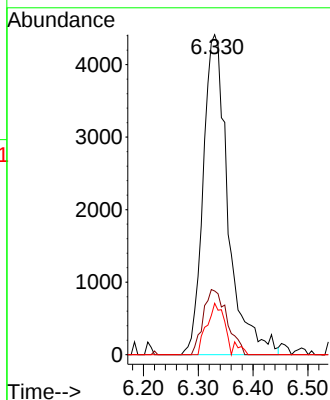
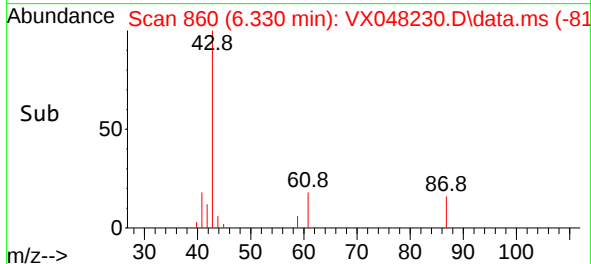
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 1392
Ion Ratio Lower Upper
43 100
61 19.4 14.9 22.3
87 11.1 9.4 14.2

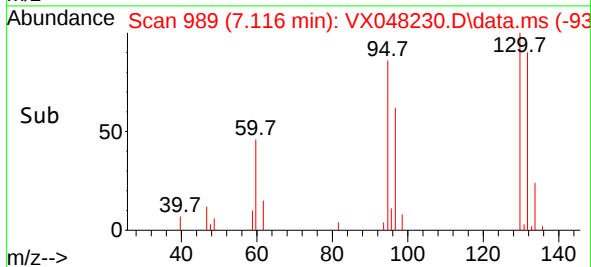
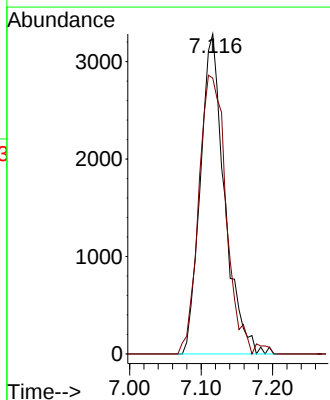
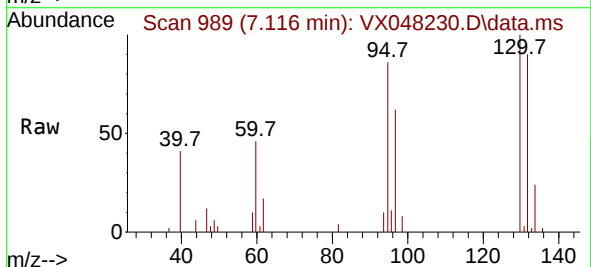
Manual Integrations
APPROVED

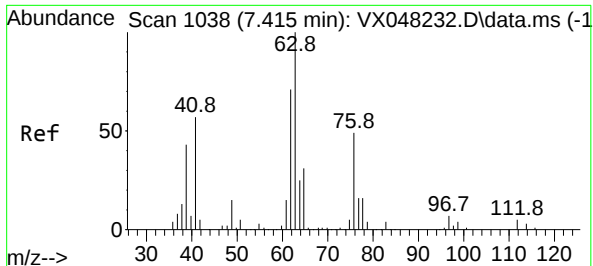
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#44
Trichloroethene
Concen: 4.487 ug/l
RT: 7.116 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

Tgt Ion:130 Resp: 7699
Ion Ratio Lower Upper
130 100
95 97.7 0.0 200.6





#45

1,2-Dichloropropane

Concen: 4.083 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX048230.D

Acq: 20 Oct 2025 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 7030

Ion Ratio Lower Upper

63 100

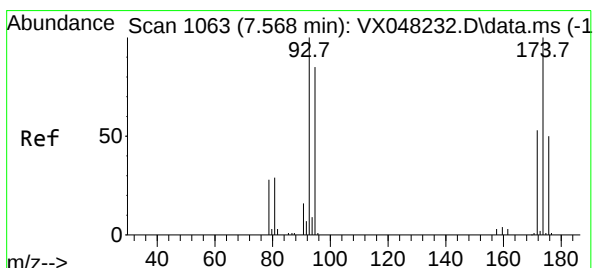
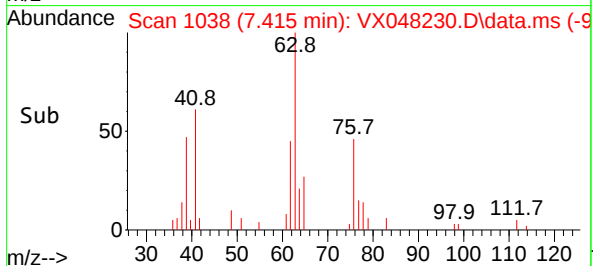
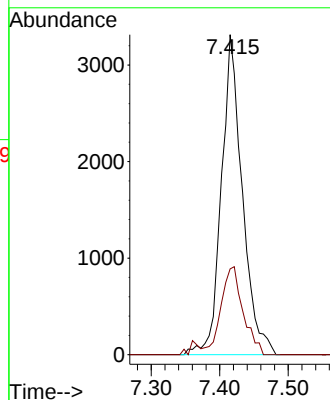
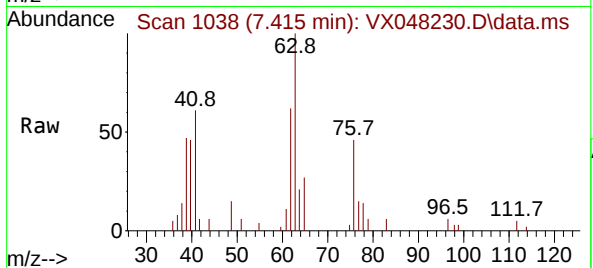
65 26.8 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#46

Dibromomethane

Concen: 4.327 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.006 min

Lab File: VX048230.D

Acq: 20 Oct 2025 11:20

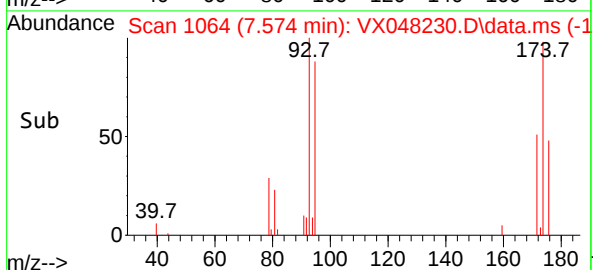
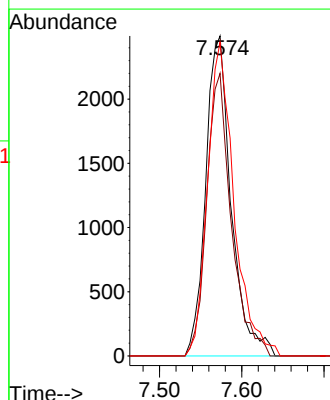
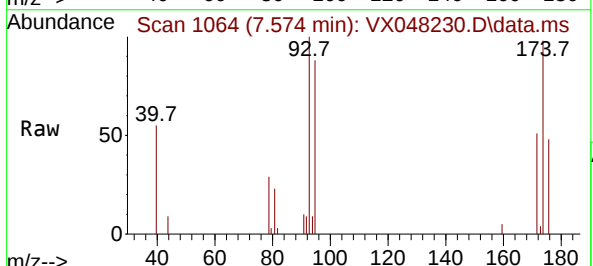
Tgt Ion: 93 Resp: 5364

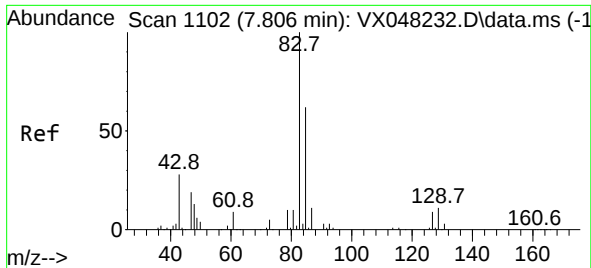
Ion Ratio Lower Upper

93 100

95 85.5 65.9 98.9

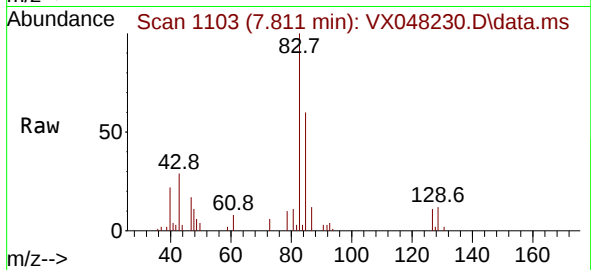
174 101.8 71.7 107.5





#47
Bromodichloromethane
Concen: 4.455 ug/l
RT: 7.811 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

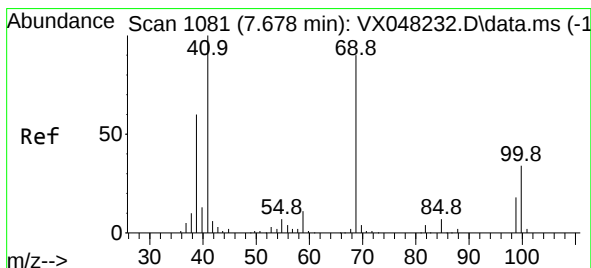
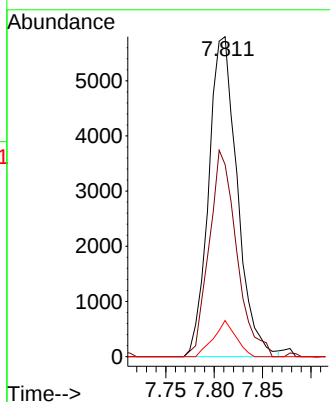
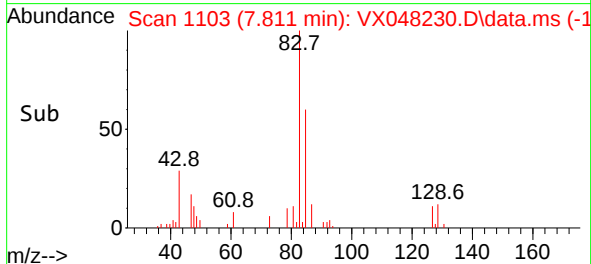
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



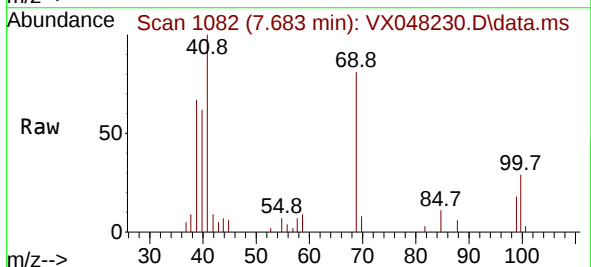
Tgt Ion: 83 Resp: 11930
Ion Ratio Lower Upper
83 100
85 60.0 52.2 78.4
127 11.3 7.3 10.9

Manual Integrations
APPROVED

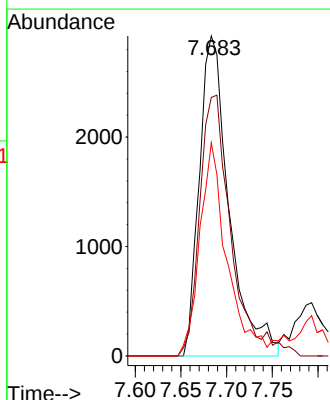
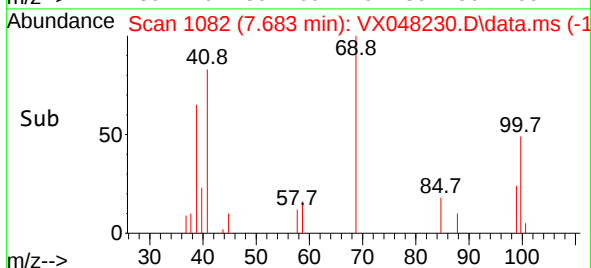
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

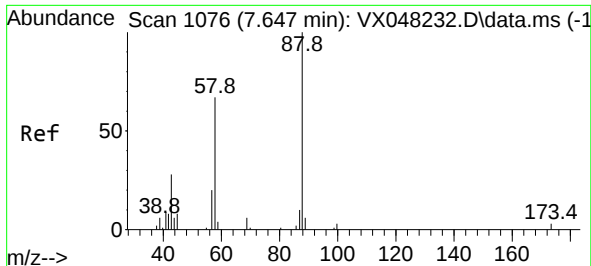


#48
Methyl methacrylate
Concen: 4.214 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. 0.006 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20



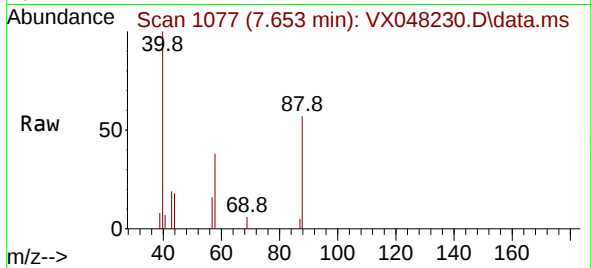
Tgt Ion: 41 Resp: 6636
Ion Ratio Lower Upper
41 100
69 85.5 63.4 95.0
39 60.4 47.1 70.7





#49
1,4-Dioxane
Concen: 120.152 ug/l
RT: 7.653 min Scan# 1076
Delta R.T. 0.012 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

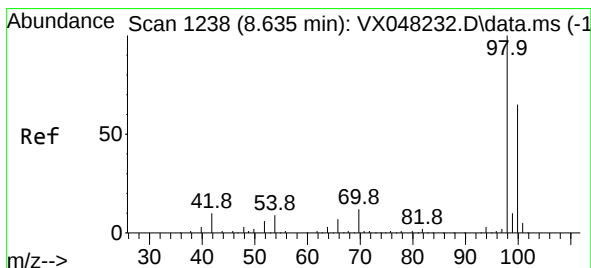
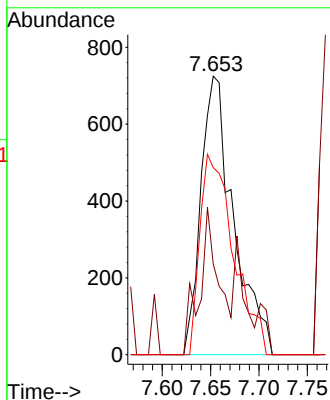
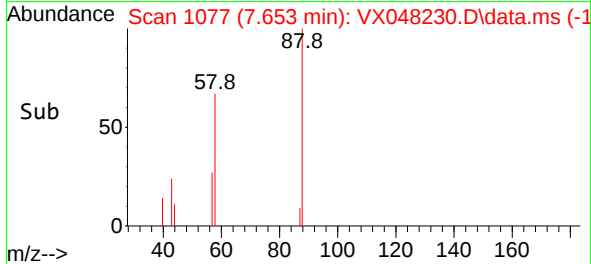
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 88 Resp: 170
Ion Ratio Lower Upper
88 100
43 31.8 35.0 52.4
58 74.4 61.9 92.9

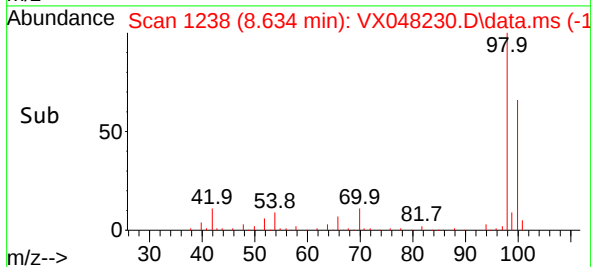
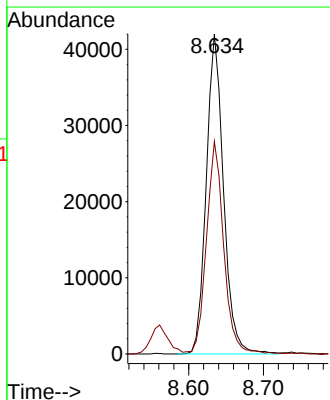
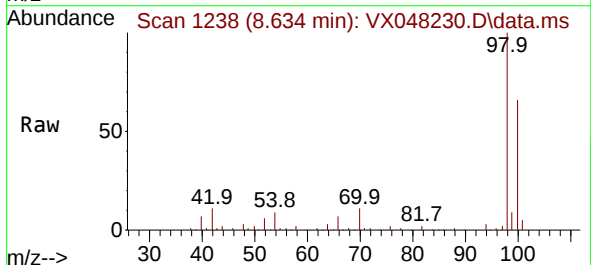
Manual Integrations
APPROVED

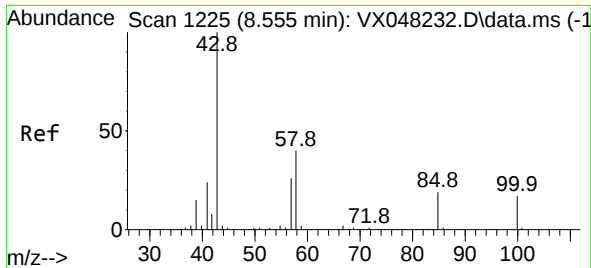
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#50
Toluene-d8
Concen: 11.487 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

Tgt Ion: 98 Resp: 67354
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4





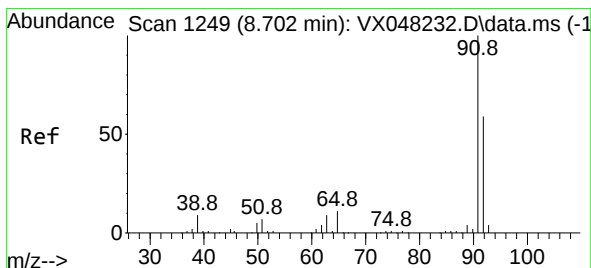
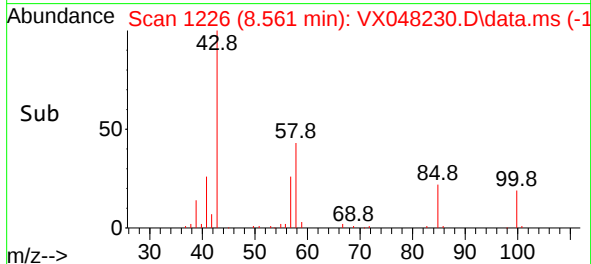
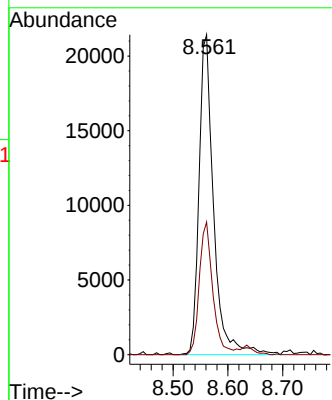
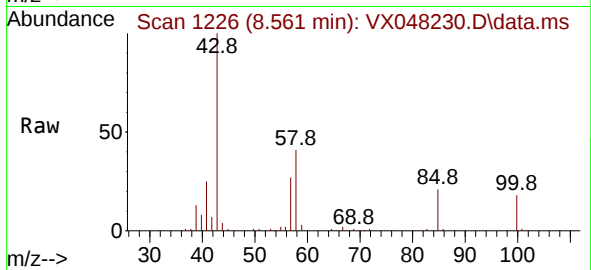
#51
4-Methyl-2-Pentanone
Concen: 23.086 ug/l
RT: 8.561 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 39514
Ion Ratio Lower Upper
43 100
58 38.3 29.5 44.3

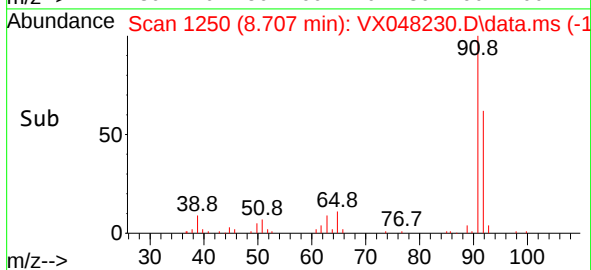
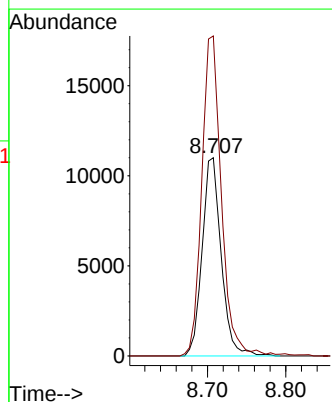
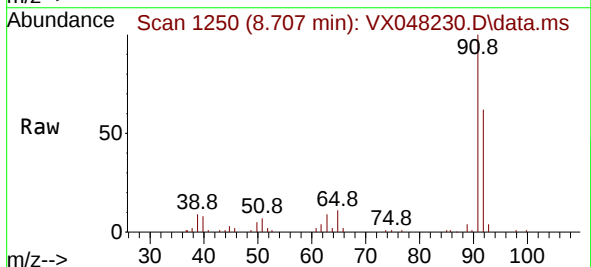
Manual Integrations
APPROVED

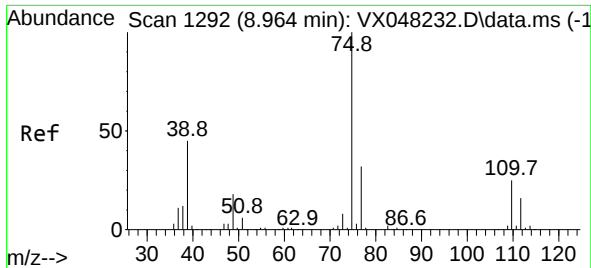
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#52
Toluene
Concen: 4.544 ug/l
RT: 8.707 min Scan# 1250
Delta R.T. 0.006 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

Tgt Ion: 92 Resp: 18596
Ion Ratio Lower Upper
92 100
91 166.4 136.1 204.1





#53
t-1,3-Dichloropropene
Concen: 4.451 ug/l
RT: 8.963 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

Instrument :

MSVOA_X

ClientSampleId :

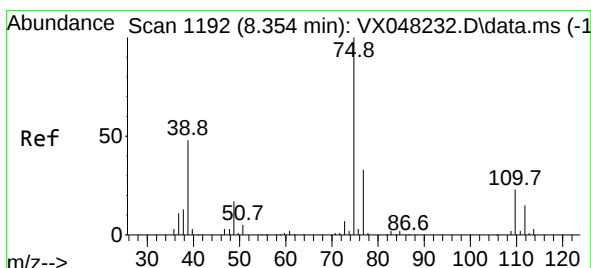
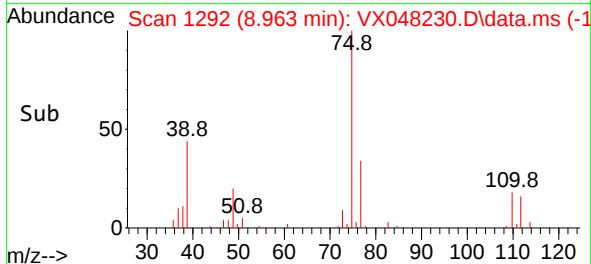
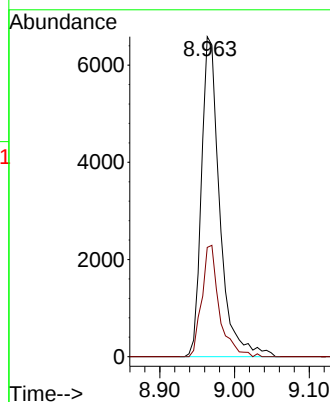
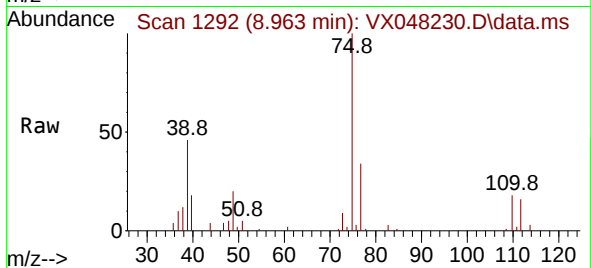
VSTDIC005

Tgt Ion: 75 Resp: 11174
Ion Ratio Lower Upper
75 100
77 34.2 25.0 37.6

Manual Integrations

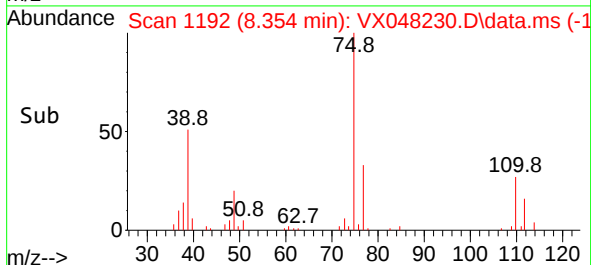
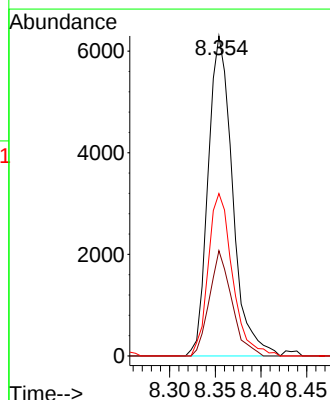
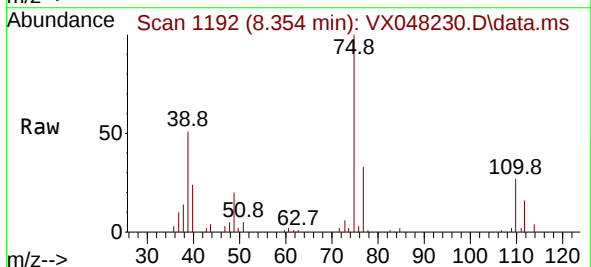
APPROVED

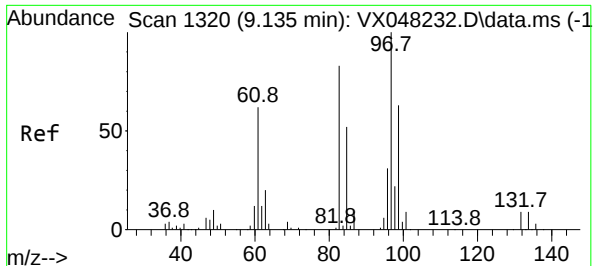
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#54
cis-1,3-Dichloropropene
Concen: 4.278 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.006 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

Tgt Ion: 75 Resp: 11705
Ion Ratio Lower Upper
75 100
77 32.9 24.9 37.3
39 30.6 42.6 64.0#





#55
1,1,2-Trichloroethane
Concen: 4.769 ug/l
RT: 9.140 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

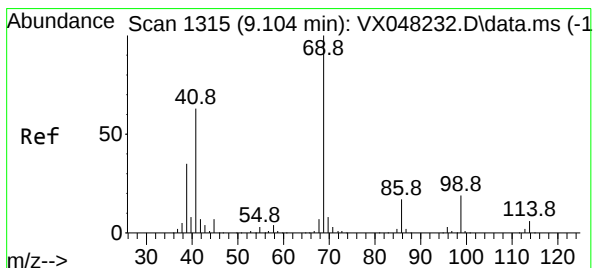
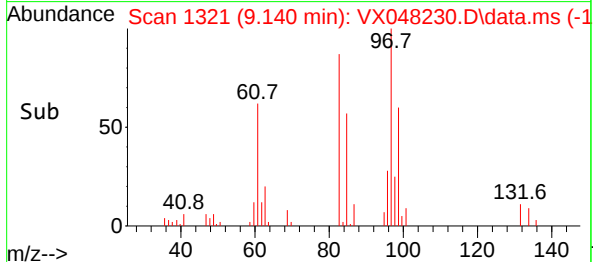
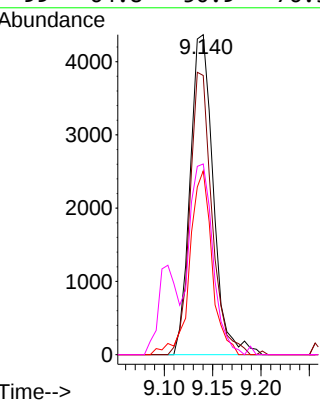
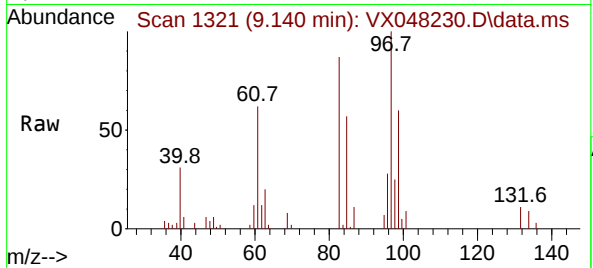
Tgt Ion: 97 Resp: 728
Ion Ratio Lower Upper
97 100
83 87.2 70.6 105.8
85 57.4 45.0 67.6
99 64.8 50.9 76.3

Manual Integrations

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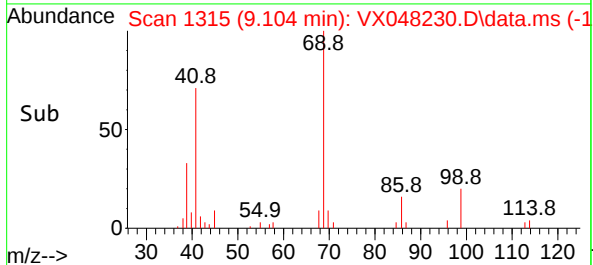
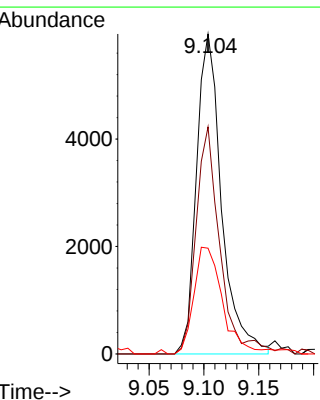
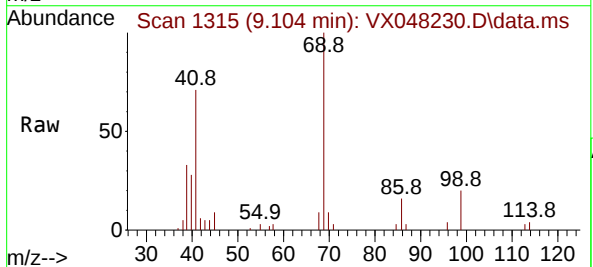
Reviewed By :John Carlone 10/21/2025

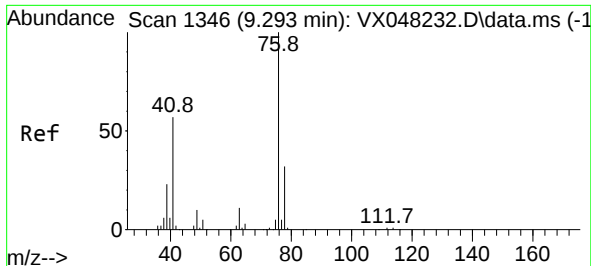
Supervised By :Semsettin Yesilyurt 10/21/2025



#56
Ethyl methacrylate
Concen: 4.567 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

Tgt Ion: 69 Resp: 9483
Ion Ratio Lower Upper
69 100
41 67.8 56.0 84.0
39 37.8 31.6 47.4





#57

1,3-Dichloropropane

Concen: 4.580 ug/l

RT: 9.293 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048230.D

Acq: 20 Oct 2025 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 1221

Ion Ratio Lower Upper

76 100

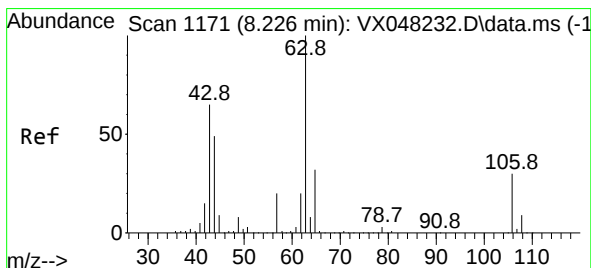
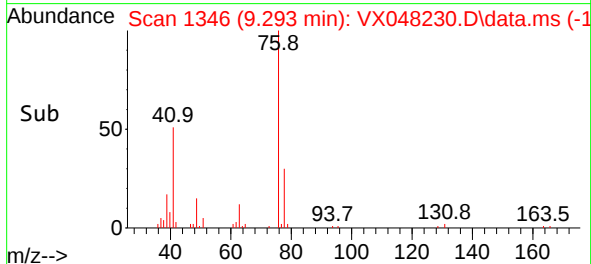
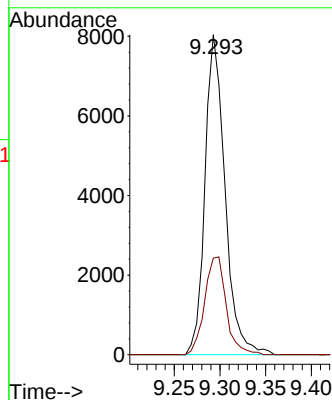
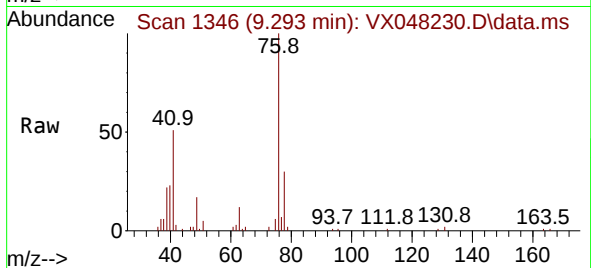
78 33.0 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 20.199 ug/l

RT: 8.232 min Scan# 1172

Delta R.T. 0.006 min

Lab File: VX048230.D

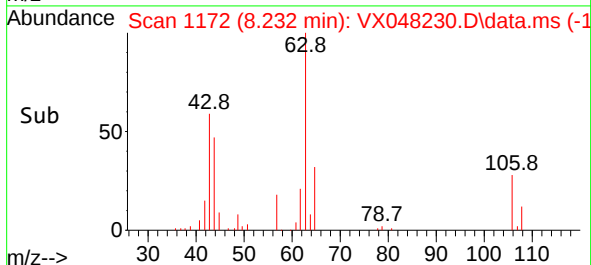
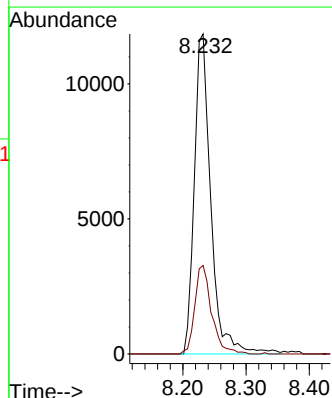
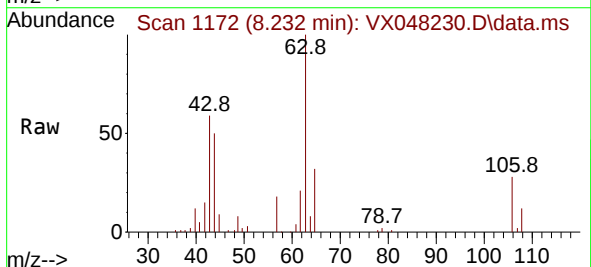
Acq: 20 Oct 2025 11:20

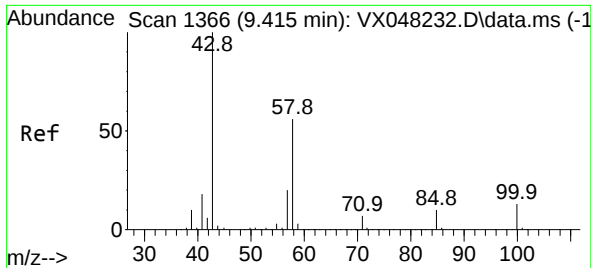
Tgt Ion: 63 Resp: 21538

Ion Ratio Lower Upper

63 100

106 28.2 22.2 33.2





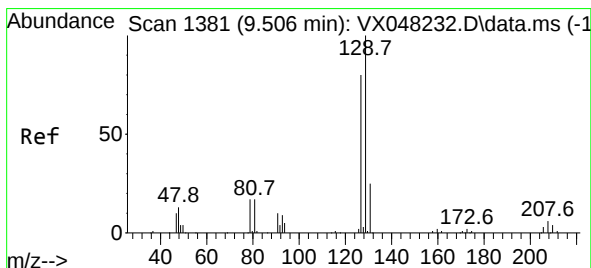
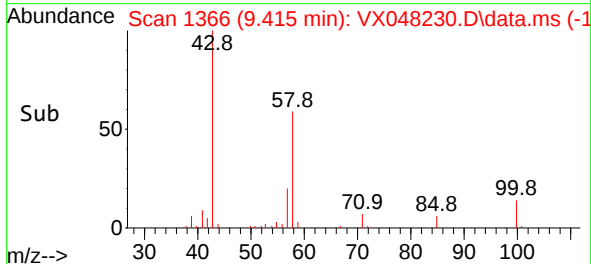
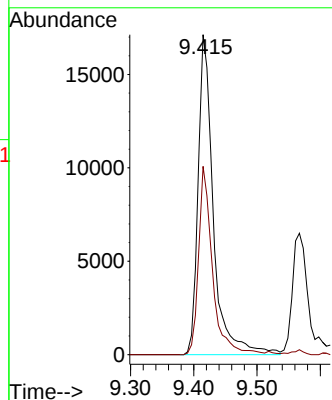
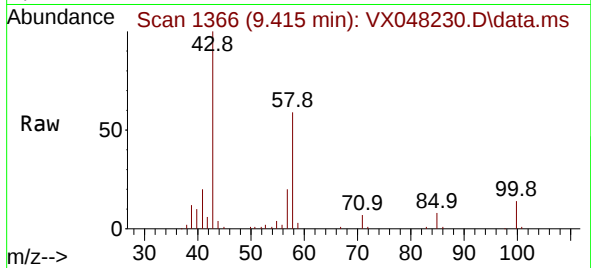
#59
2-Hexanone
Concen: 24.056 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 2880
Ion Ratio Lower Upper
43 100
58 53.8 26.3 78.8

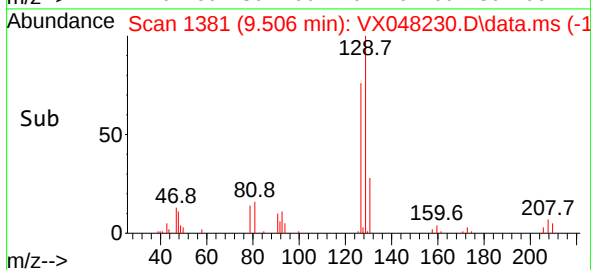
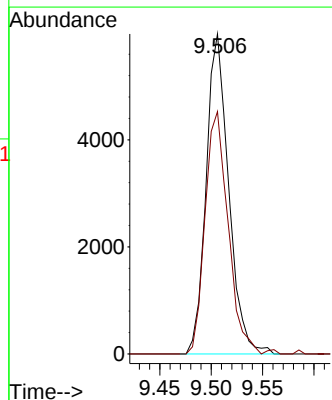
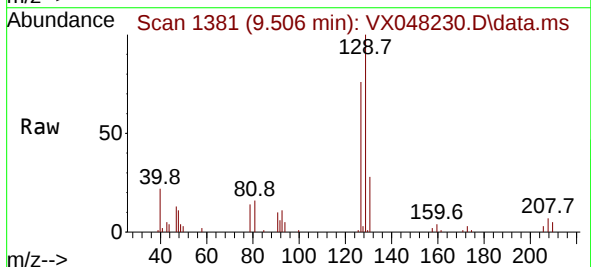
Manual Integrations
APPROVED

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



#60
Dibromochloromethane
Concen: 4.766 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

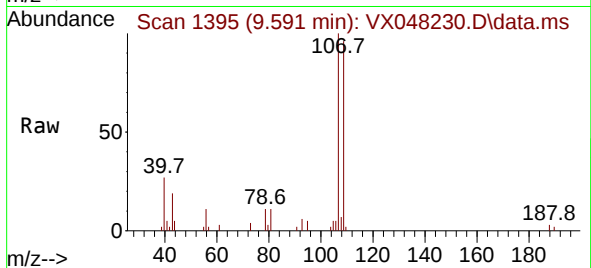
Tgt Ion:129 Resp: 9108
Ion Ratio Lower Upper
129 100
127 78.1 38.6 115.7





#61
1,2-Dibromoethane
Concen: 4.702 ug/l
RT: 9.591 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

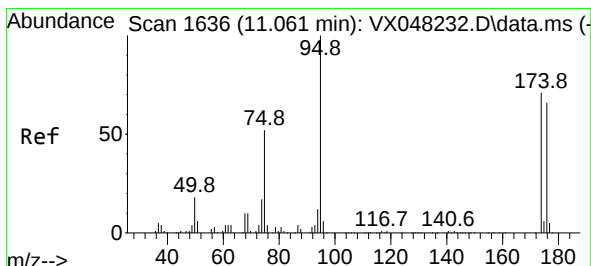
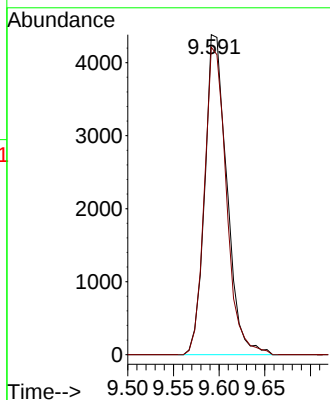
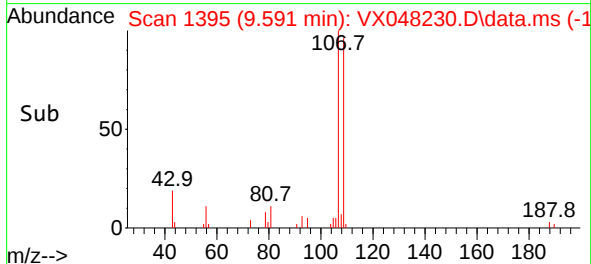
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:107 Resp: 7362
Ion Ratio Lower Upper
107 100
109 95.6 77.0 115.4

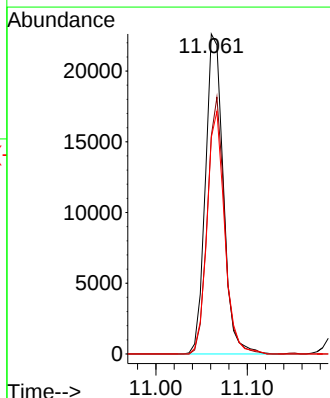
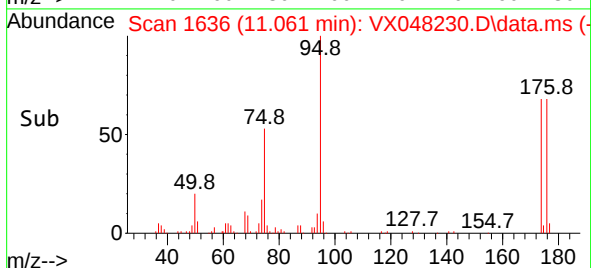
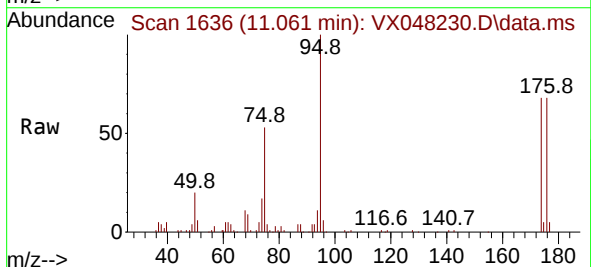
Manual Integrations
APPROVED

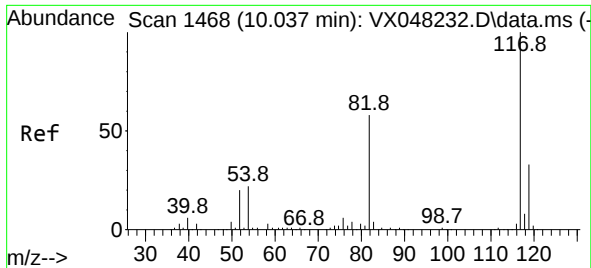
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#62
4-Bromofluorobenzene
Concen: 14.450 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

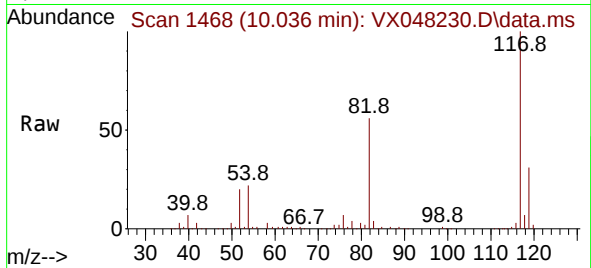
Tgt Ion: 95 Resp: 30861
Ion Ratio Lower Upper
95 100
174 76.6 0.0 147.8
176 74.5 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

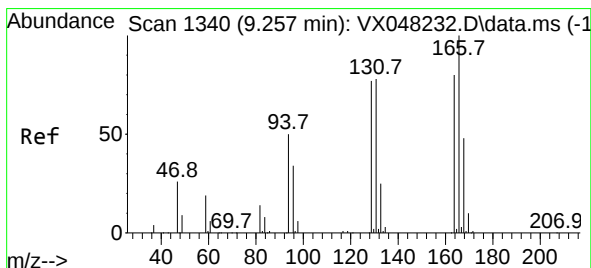
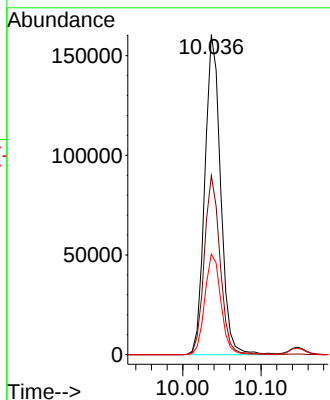
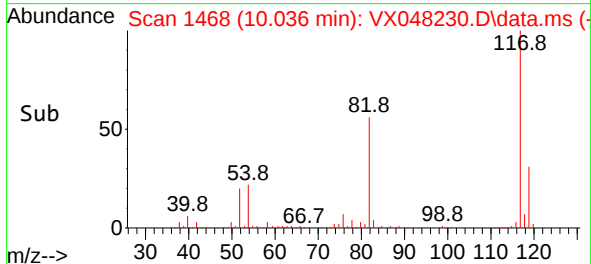
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 224740
Ion Ratio Lower Upper
117 100
82 55.9 46.5 69.7
119 31.4 25.9 38.9

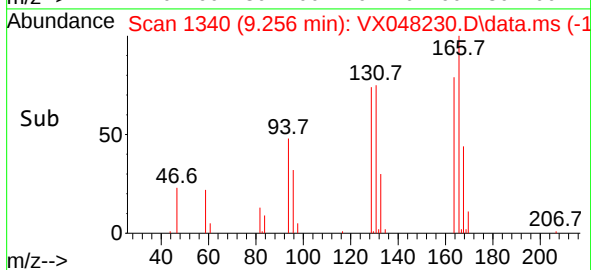
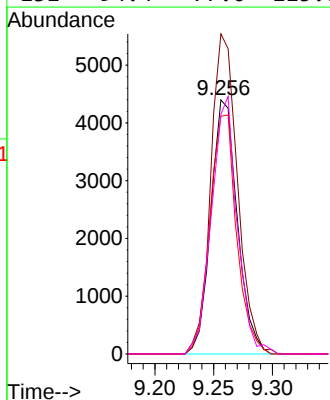
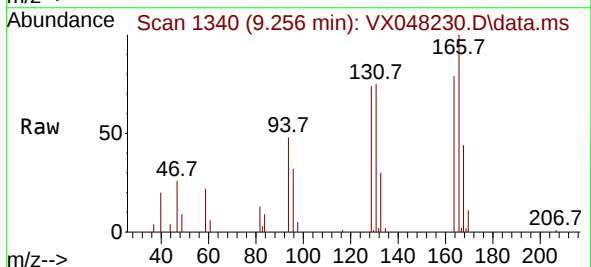
Manual Integrations
APPROVED

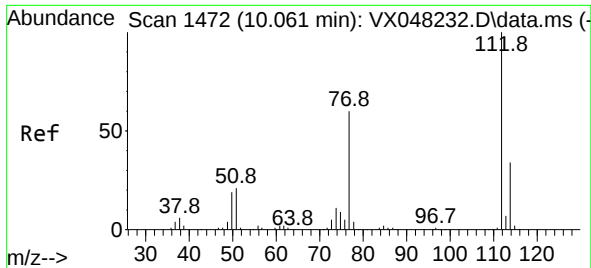
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#64
Tetrachloroethene
Concen: 4.365 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

Tgt Ion:164 Resp: 6878
Ion Ratio Lower Upper
164 100
166 125.9 104.5 156.7
129 93.6 81.8 122.6
131 94.4 77.0 115.6





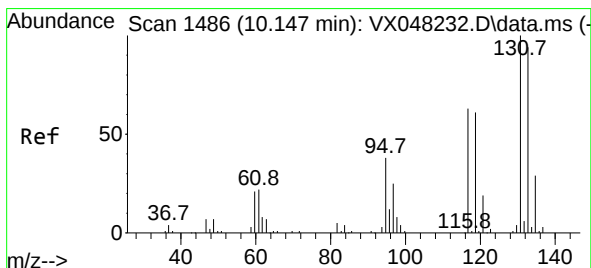
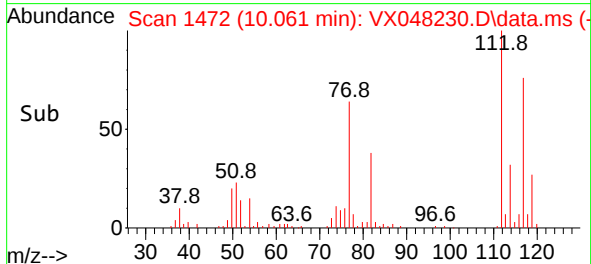
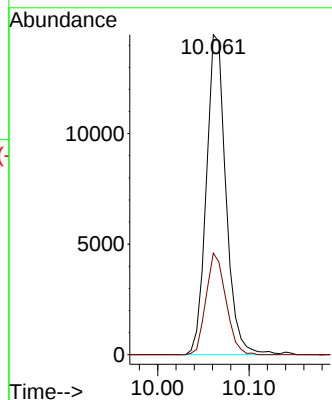
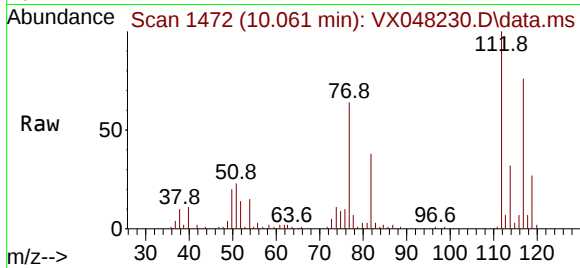
#65
Chlorobenzene
Concen: 4.378 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:112 Resp: 21510
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.2

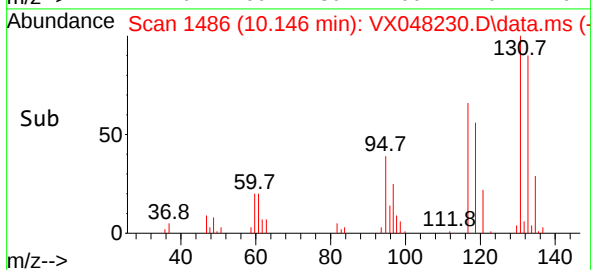
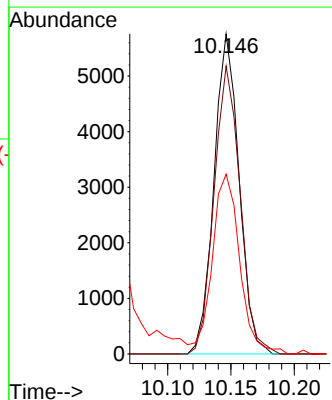
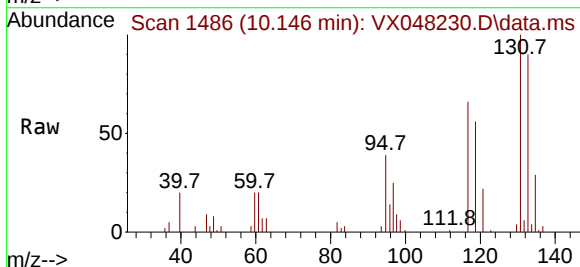
Manual Integrations
APPROVED

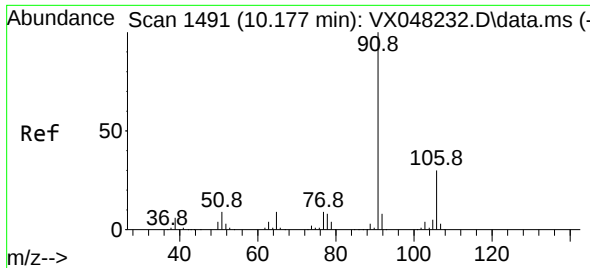
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 4.475 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

Tgt Ion:131 Resp: 7925
Ion Ratio Lower Upper
131 100
133 93.6 47.6 142.8
119 61.5 32.5 97.5





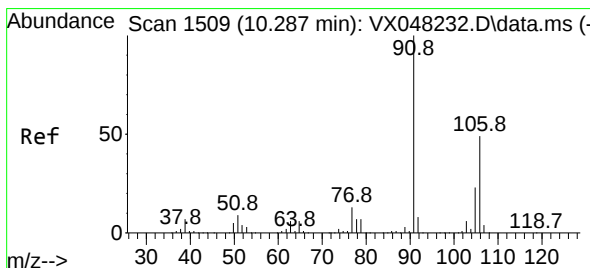
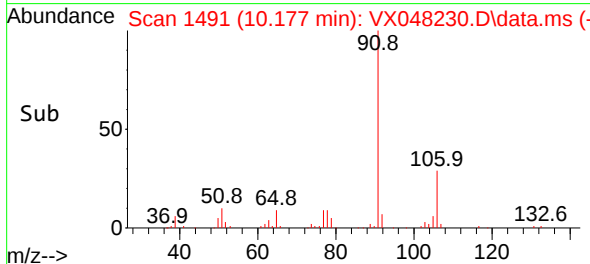
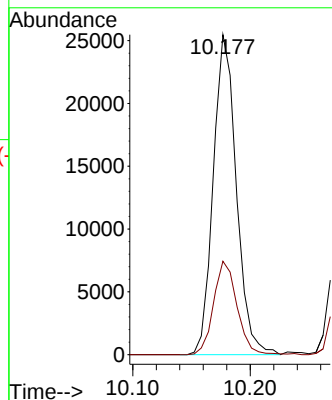
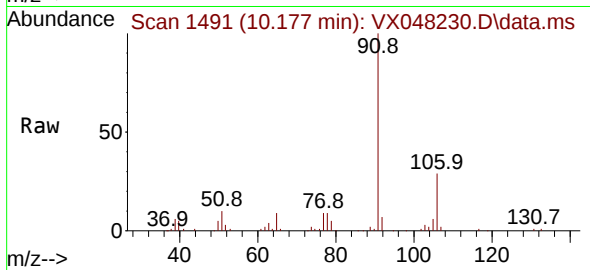
#67
Ethyl Benzene
Concen: 4.125 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 34750
Ion Ratio Lower Upper
91 100
106 29.2 23.8 35.6

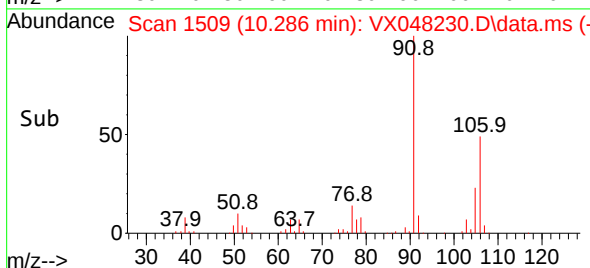
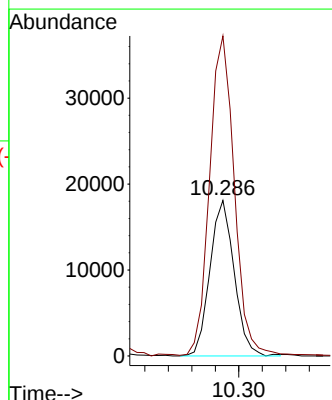
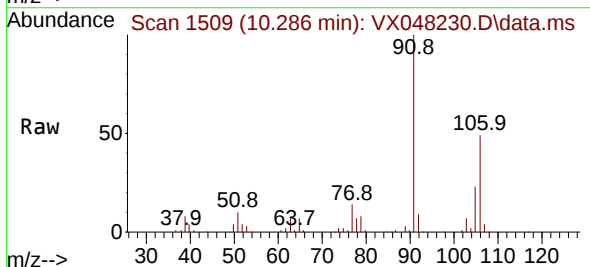
Manual Integrations
APPROVED

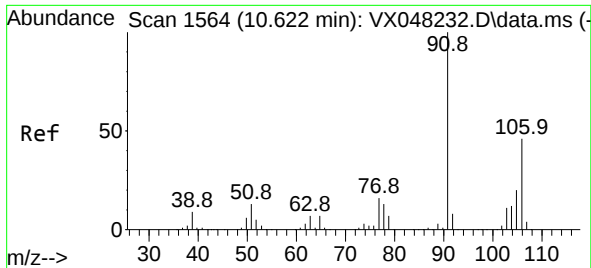
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#68
m/p-Xylenes
Concen: 8.277 ug/l
RT: 10.286 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

Tgt Ion:106 Resp: 25979
Ion Ratio Lower Upper
106 100
91 211.1 167.9 251.9





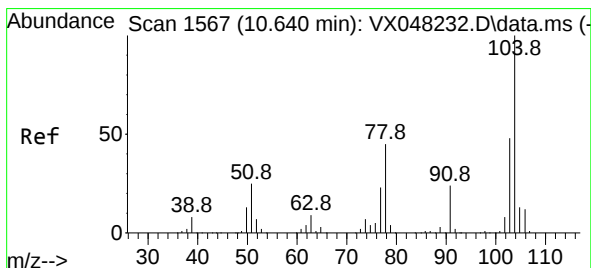
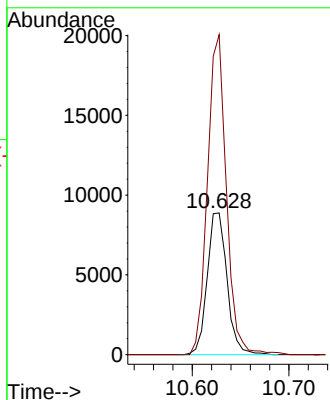
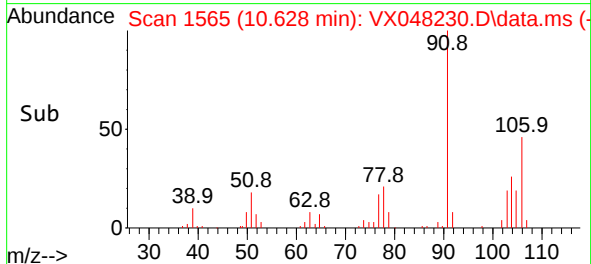
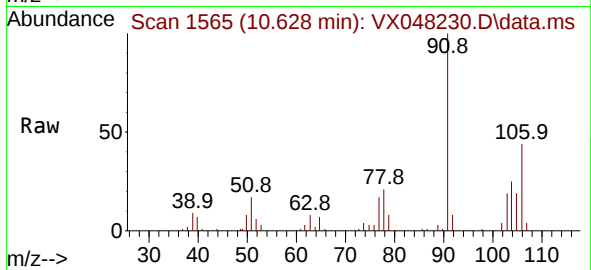
#69
o-Xylene
Concen: 4.295 ug/l
RT: 10.628 min Scan# 1564
Delta R.T. 0.006 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 1269
Ion Ratio Lower Upper
106 100
91 215.1 111.3 333.9

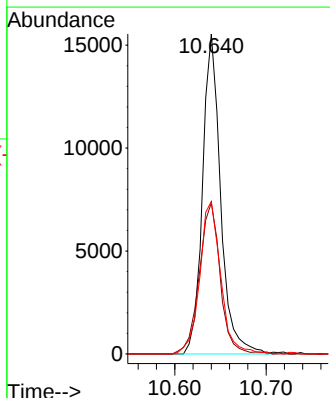
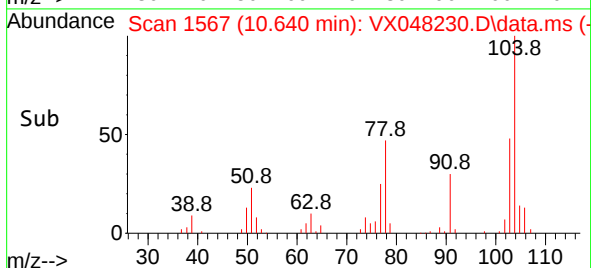
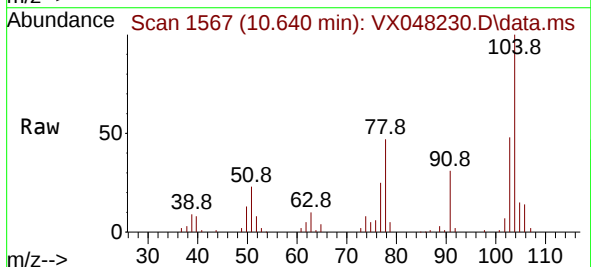
Manual Integrations
APPROVED

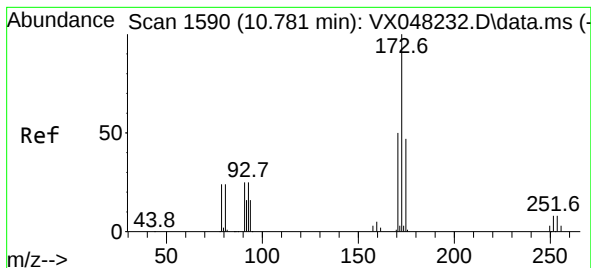
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#70
Styrene
Concen: 4.198 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

Tgt Ion:104 Resp: 21349
Ion Ratio Lower Upper
104 100
78 54.7 42.2 63.4
103 55.2 43.0 64.4





#71

Bromoform

Concen: 4.817 ug/l

RT: 10.780 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048230.D

Acq: 20 Oct 2025 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

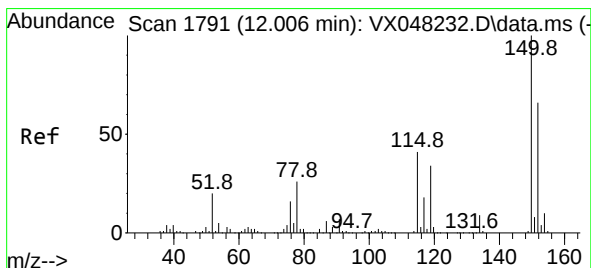
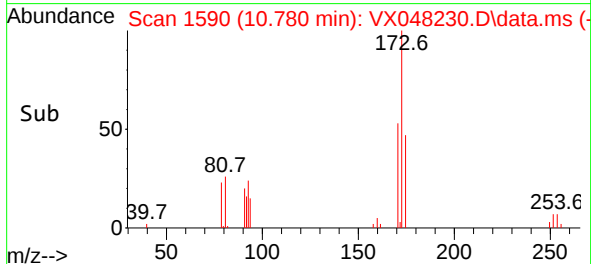
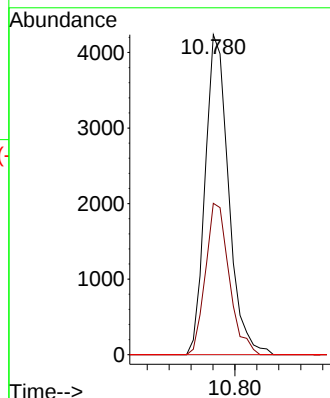
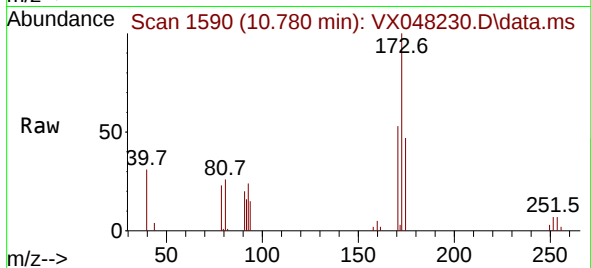
Tgt Ion:173 Resp: 6264
 Ion Ratio Lower Upper
 173 100
 175 47.9 24.0 72.0
 254 0.0 0.0 0.0

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

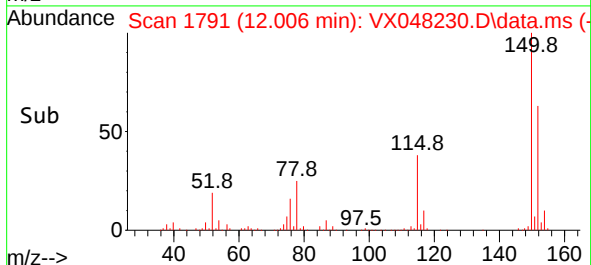
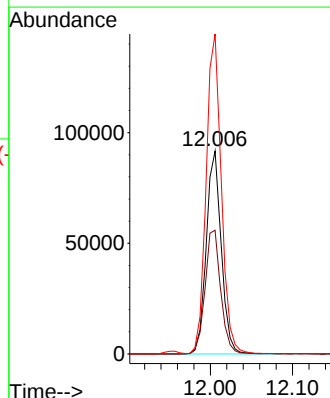
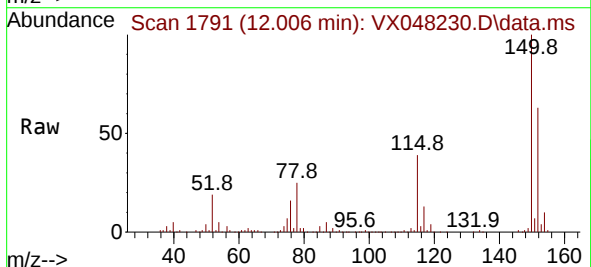
RT: 12.006 min Scan# 1791

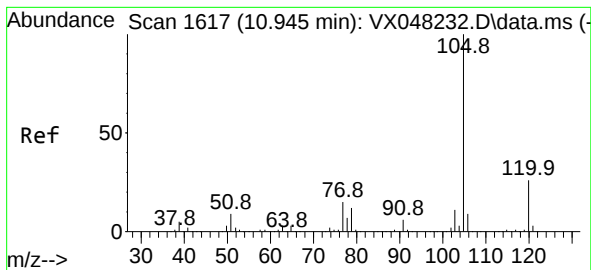
Delta R.T. -0.000 min

Lab File: VX048230.D

Acq: 20 Oct 2025 11:20

Tgt Ion:152 Resp: 115833
 Ion Ratio Lower Upper
 152 100
 115 64.1 43.1 129.4
 150 159.3 0.0 353.0





#73

Isopropylbenzene

Concen: 4.017 ug/l

RT: 10.945 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VX048230.D

Acq: 20 Oct 2025 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 3236

Ion Ratio Lower Upper

105 100

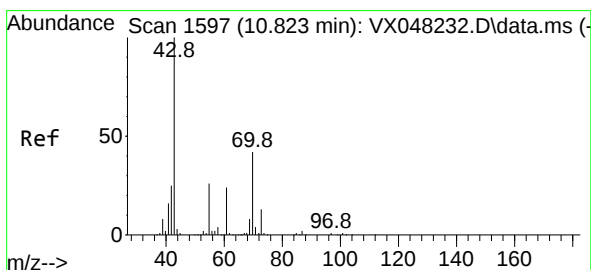
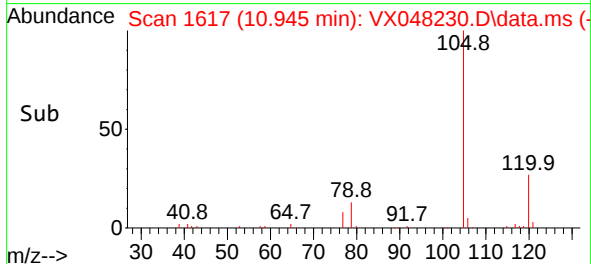
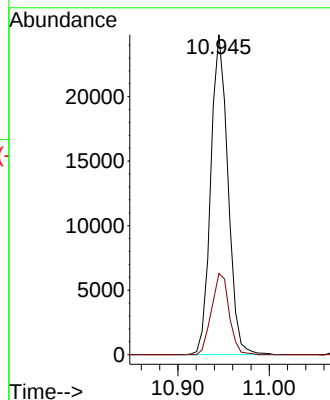
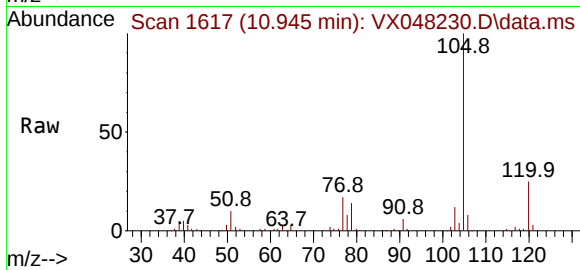
120 25.9 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#74

N-ethyl acetate

Concen: 3.734 ug/l

RT: 10.829 min Scan# 1598

Delta R.T. 0.006 min

Lab File: VX048230.D

Acq: 20 Oct 2025 11:20

Tgt Ion: 43 Resp: 11224

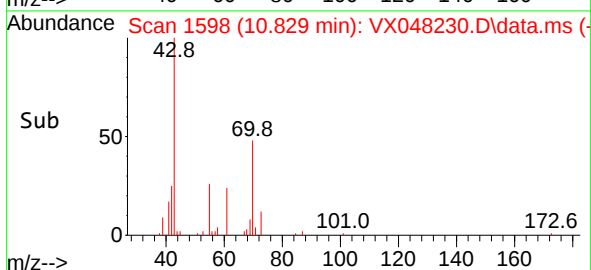
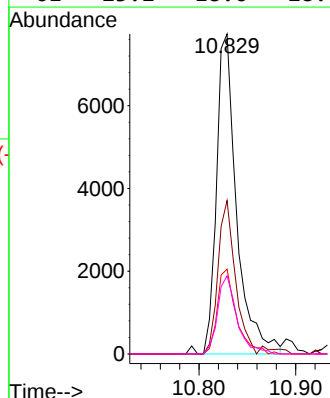
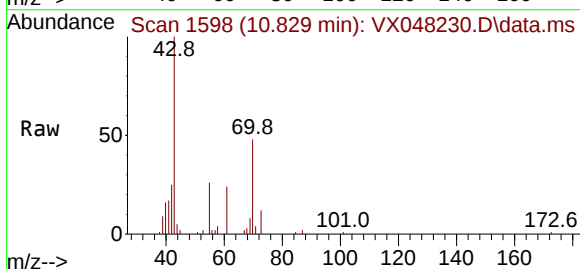
Ion Ratio Lower Upper

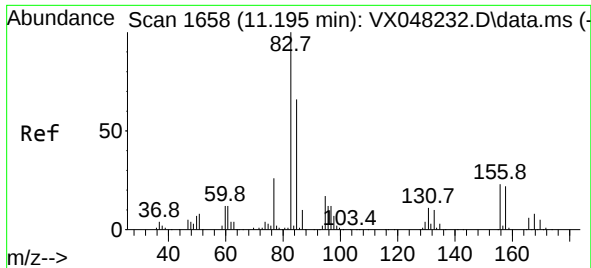
43 100

70 41.0 32.2 48.2

55 25.0 19.1 28.7

61 23.2 18.6 28.0





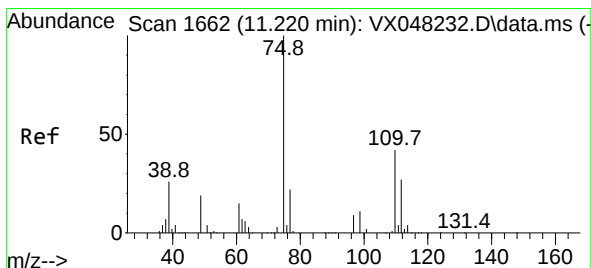
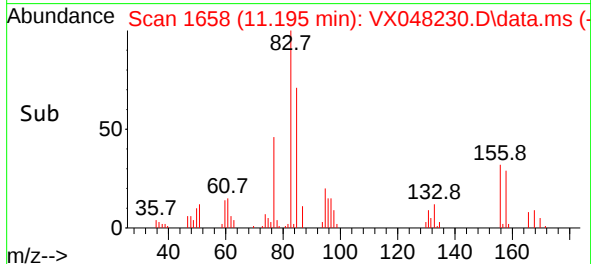
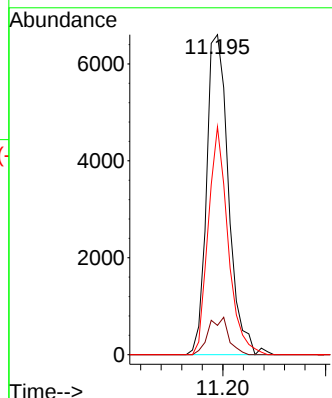
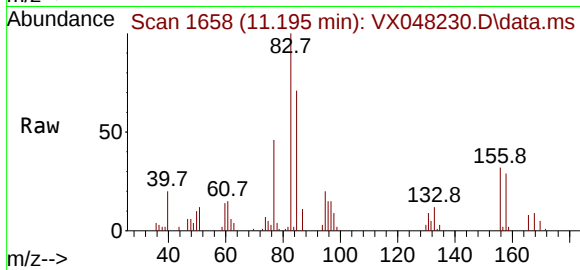
#75
1,1,2,2-Tetrachloroethane
Concen: 4.278 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

Instrument : MSVOA_X
ClientSampleId : VSTDIC005

Tgt Ion: 83 Resp: 9764
Ion Ratio Lower Upper
83 100
131 10.8 4.8 14.4
85 64.3 31.9 95.7

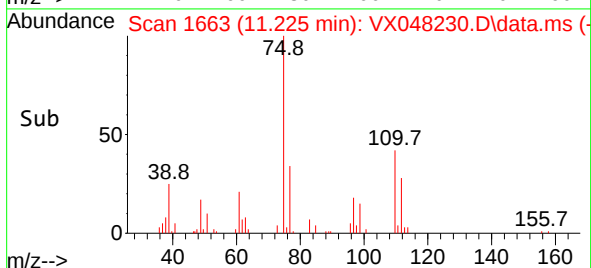
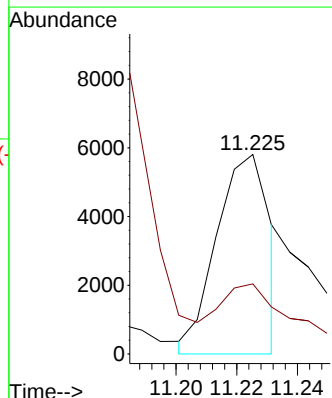
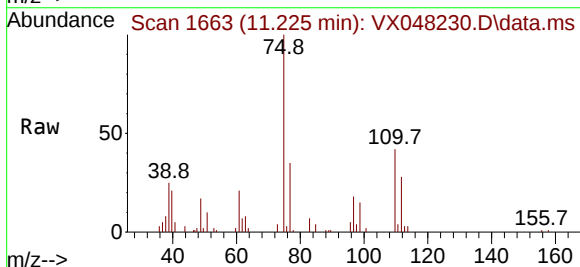
Manual Integrations
APPROVED

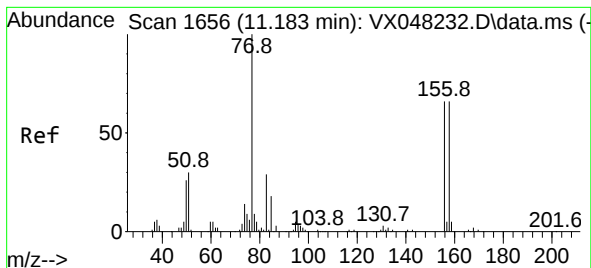
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#76
1,2,3-Trichloropropane
Concen: 4.004 ug/l m
RT: 11.225 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

Tgt Ion: 75 Resp: 7083
Ion Ratio Lower Upper
75 100
77 51.0 22.4 67.2





#77

Bromobenzene

Concen: 4.343 ug/l

RT: 11.183 min Scan# 1656

Delta R.T. 0.006 min

Lab File: VX048230.D

Acq: 20 Oct 2025 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

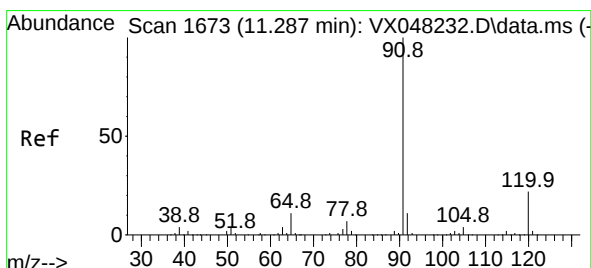
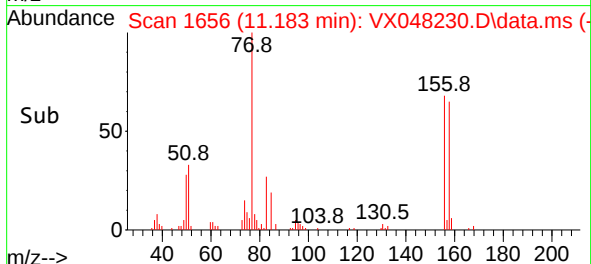
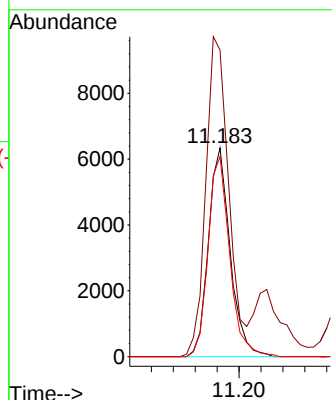
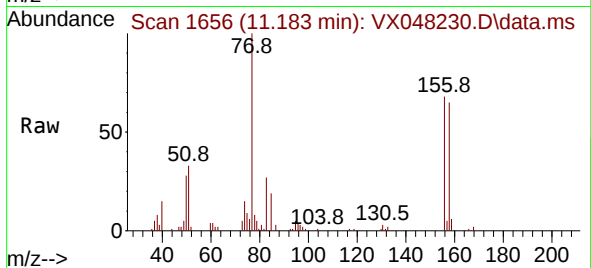
Tgt Ion:	156	Resp:	875
Ion Ratio	Lower	Upper	
156	100		
77	161.1	87.0	261.0
158	94.8	47.8	143.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#78

n-propylbenzene

Concen: 3.957 ug/l

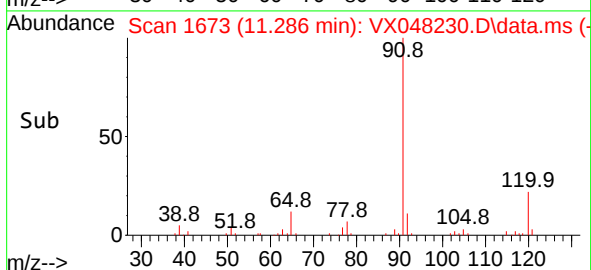
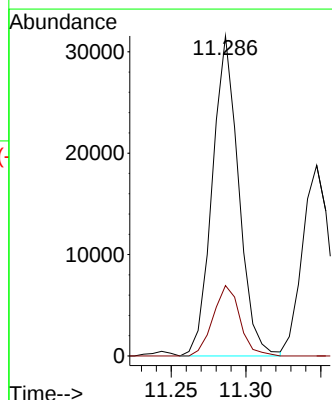
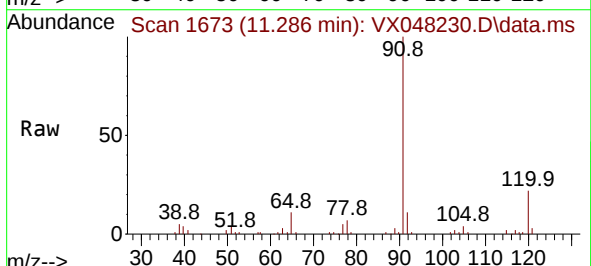
RT: 11.286 min Scan# 1673

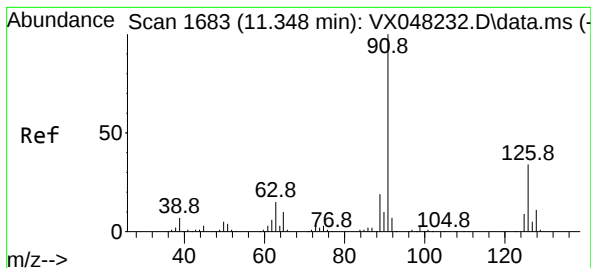
Delta R.T. -0.000 min

Lab File: VX048230.D

Acq: 20 Oct 2025 11:20

Tgt Ion:	91	Resp:	38663
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.1	33.1





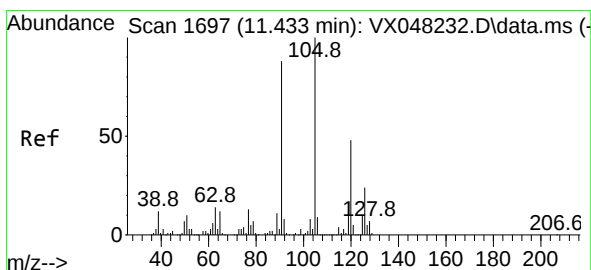
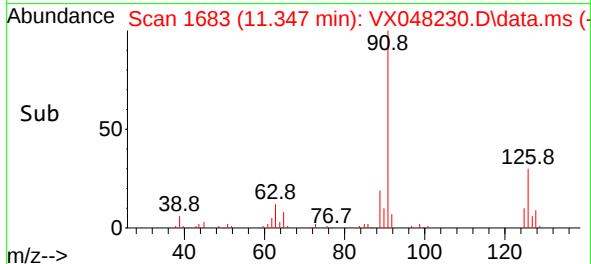
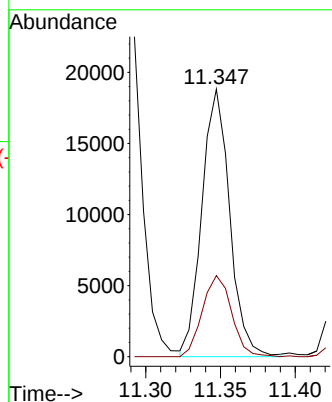
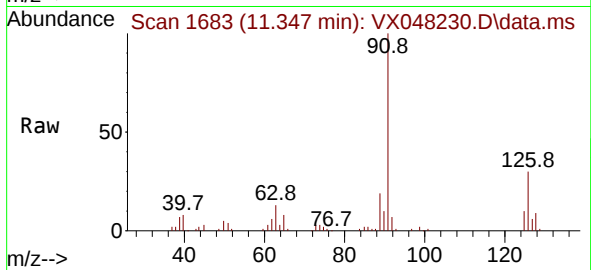
#79
2-Chlorotoluene
Concen: 4.133 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 24398
Ion Ratio Lower Upper
91 100
126 31.8 16.4 49.4

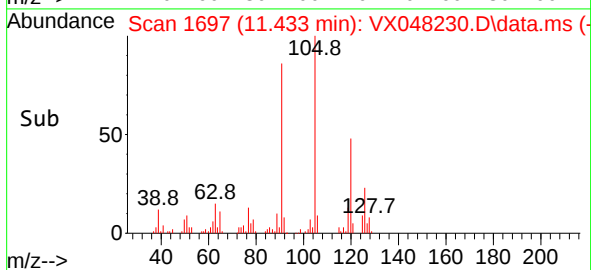
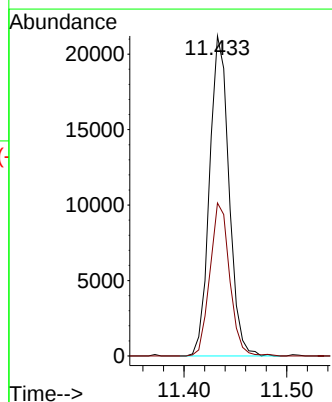
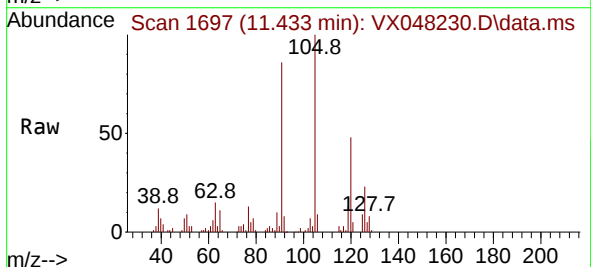
Manual Integrations
APPROVED

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



#80
1,3,5-Trimethylbenzene
Concen: 4.210 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

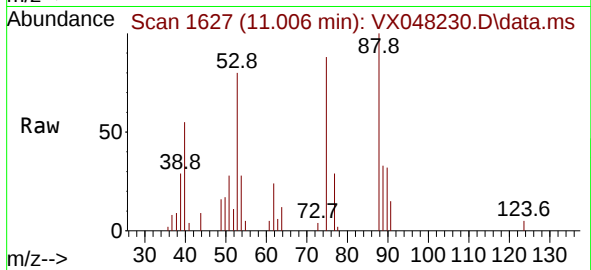
Tgt Ion:105 Resp: 27842
Ion Ratio Lower Upper
105 100
120 48.4 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 4.063 ug/l
RT: 11.006 min Scan# 1626
Delta R.T. 0.006 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

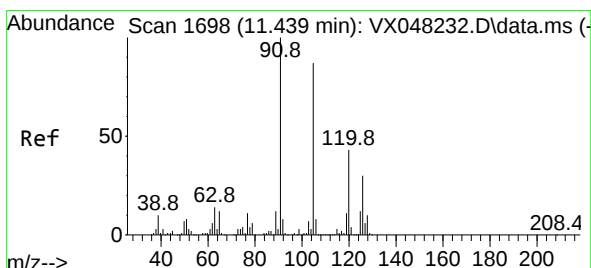
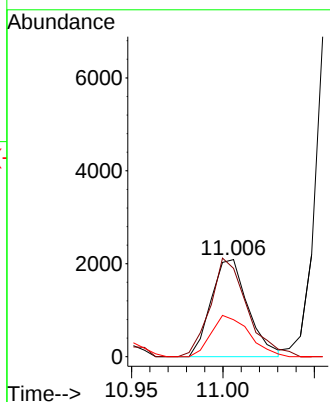
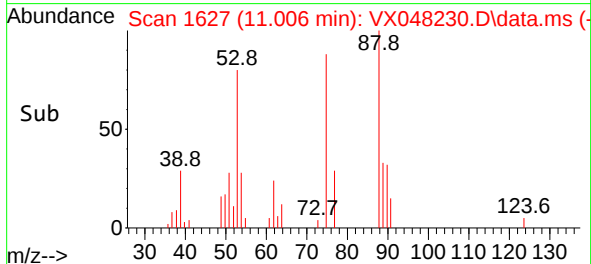
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 2938
Ion Ratio Lower Upper
75 100
53 101.1 79.5 119.3
89 43.7 36.8 55.2

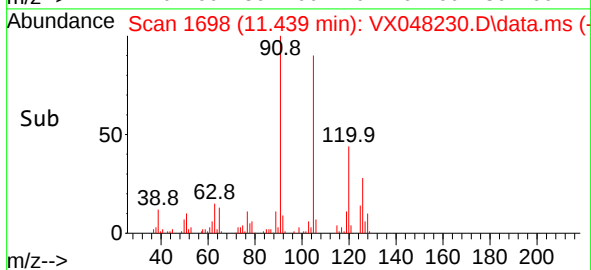
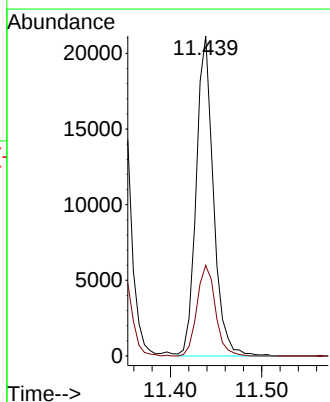
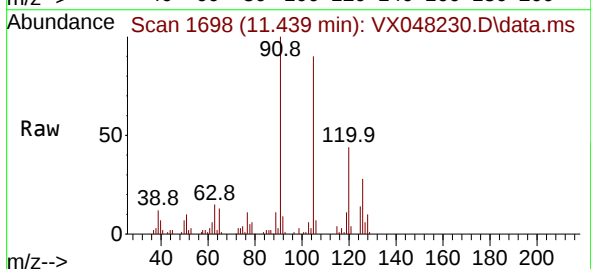
Manual Integrations
APPROVED

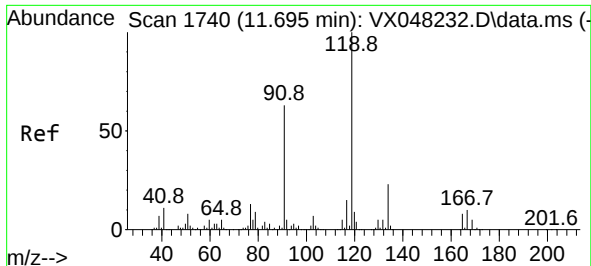
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#82
4-Chlorotoluene
Concen: 3.985 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

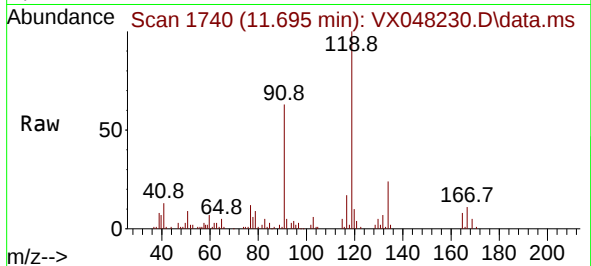
Tgt Ion: 91 Resp: 27644
Ion Ratio Lower Upper
91 100
126 30.3 14.1 42.4





#83
 tert-Butylbenzene
 Concen: 4.139 ug/l
 RT: 11.695 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048230.D
 Acq: 20 Oct 2025 11:20

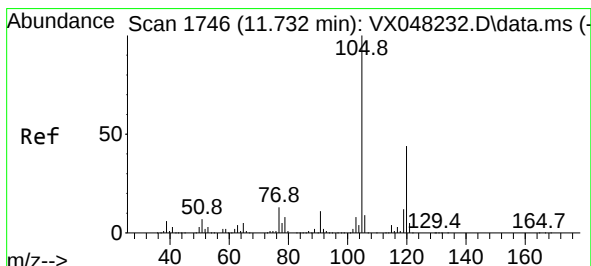
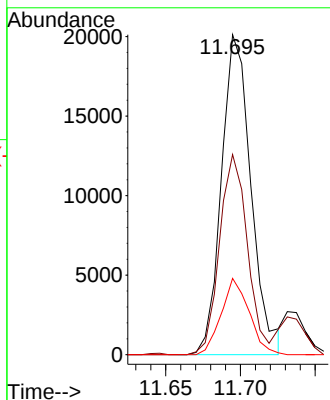
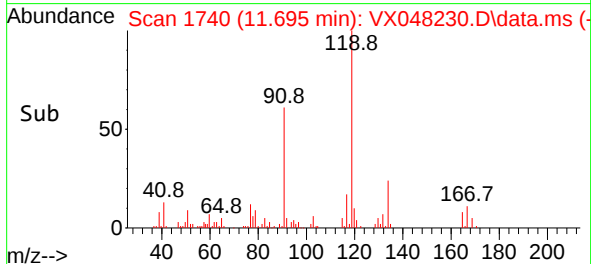
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



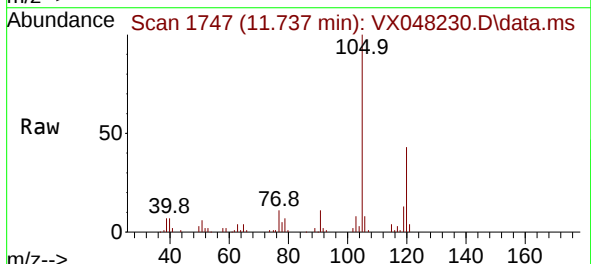
Tgt Ion:119 Resp: 2765
 Ion Ratio Lower Upper
 119 100
 91 58.9 30.3 91.0
 134 22.5 11.4 34.2

Manual Integrations
 APPROVED

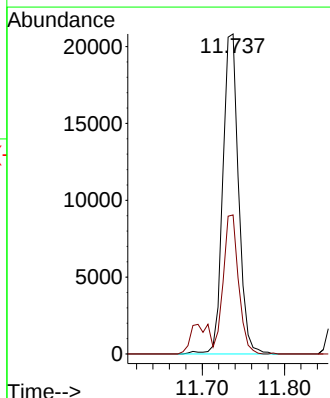
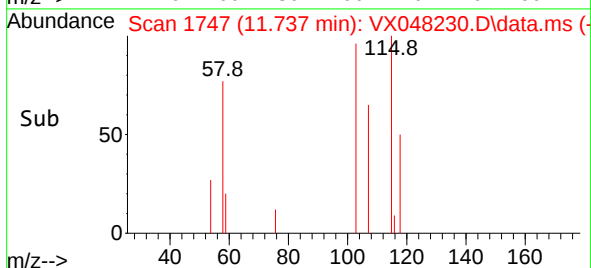
Reviewed By :John Carlone 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025



#84
 1,2,4-Trimethylbenzene
 Concen: 4.208 ug/l
 RT: 11.737 min Scan# 1747
 Delta R.T. 0.006 min
 Lab File: VX048230.D
 Acq: 20 Oct 2025 11:20



Tgt Ion:105 Resp: 27710
 Ion Ratio Lower Upper
 105 100
 120 42.2 22.1 66.5





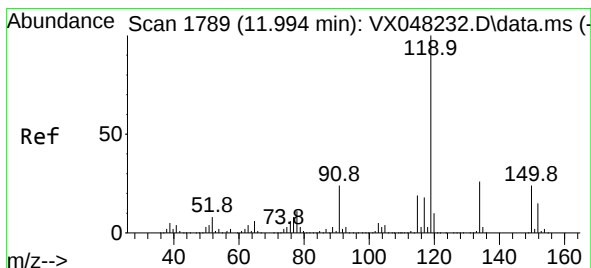
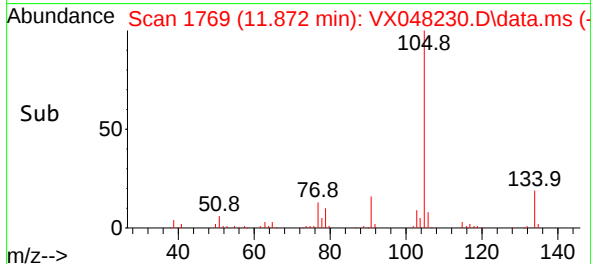
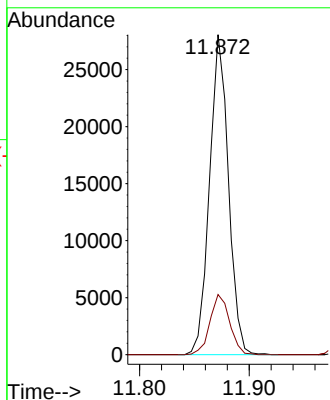
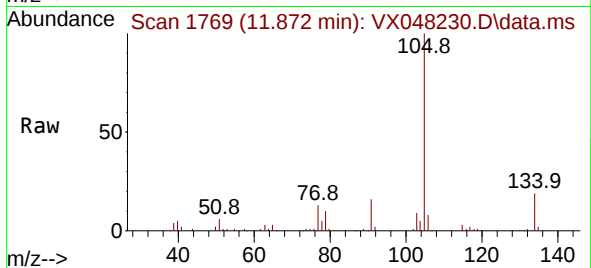
#85
sec-Butylbenzene
Concen: 4.117 ug/l
RT: 11.872 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 3362
Ion Ratio Lower Upper
105 100
134 19.5 10.1 30.1

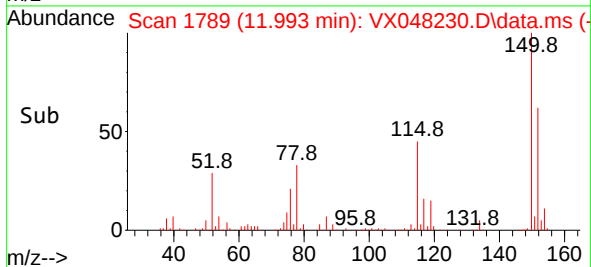
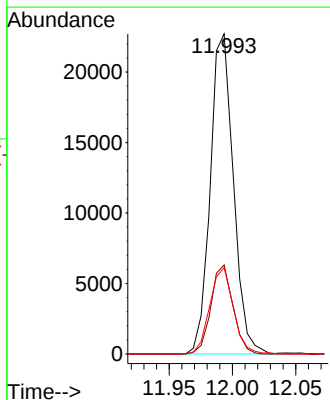
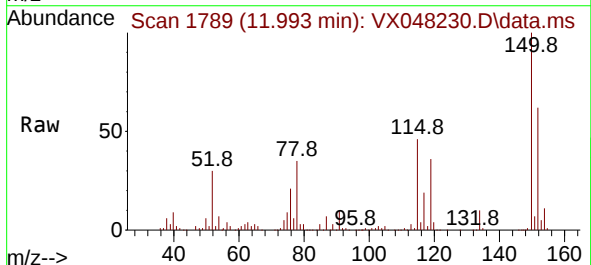
Manual Integrations
APPROVED

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



#86
p-Isopropyltoluene
Concen: 4.191 ug/l
RT: 11.993 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

Tgt Ion:119 Resp: 28855
Ion Ratio Lower Upper
119 100
134 26.4 13.0 39.0
91 27.5 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 4.235 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048230.D

Acq: 20 Oct 2025 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:146 Resp: 1596

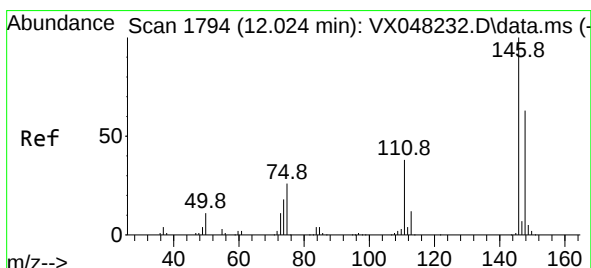
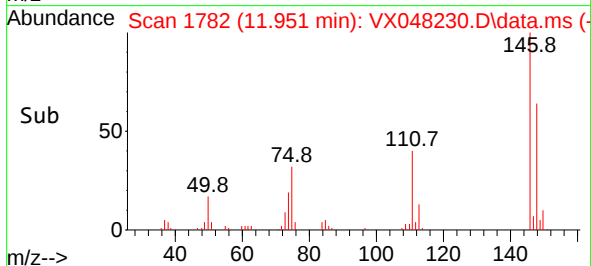
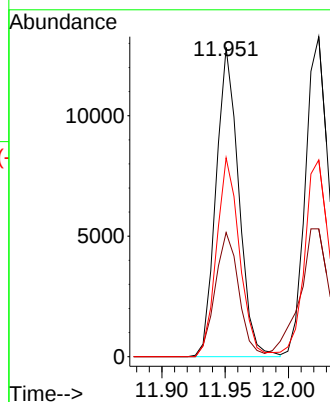
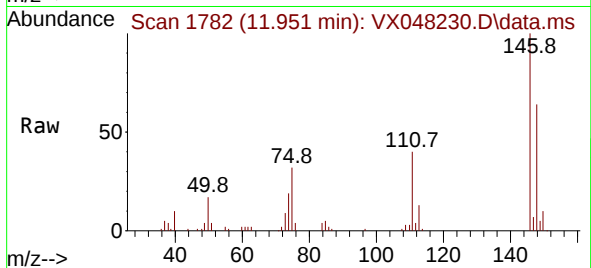
Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.4	61.2
148	65.3	31.9	95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#88

1,4-Dichlorobenzene

Concen: 4.467 ug/l

RT: 12.024 min Scan# 1794

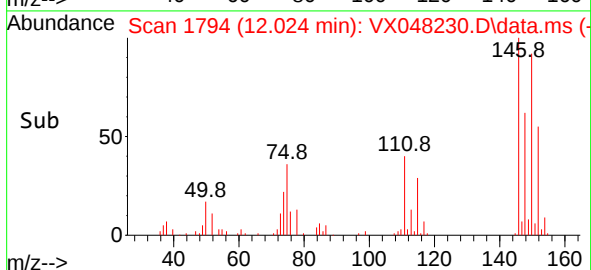
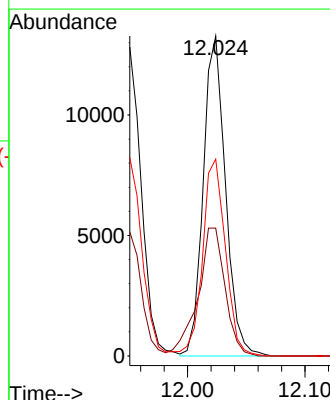
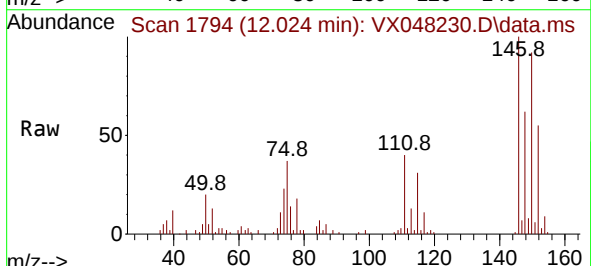
Delta R.T. -0.000 min

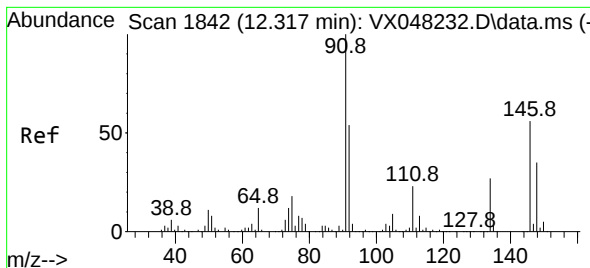
Lab File: VX048230.D

Acq: 20 Oct 2025 11:20

Tgt Ion:146 Resp: 17458

Ion	Ratio	Lower	Upper
146	100		
111	48.9	20.1	60.2
148	63.3	31.8	95.3





#89

n-Butylbenzene

Concen: 3.996 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VX048230.D

Acq: 20 Oct 2025 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 2562

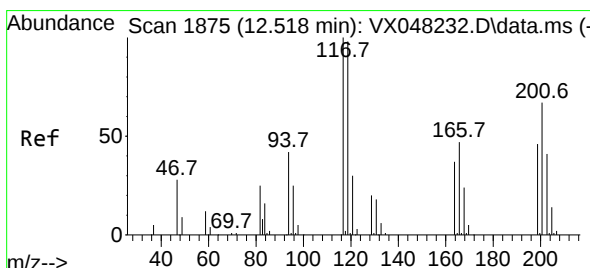
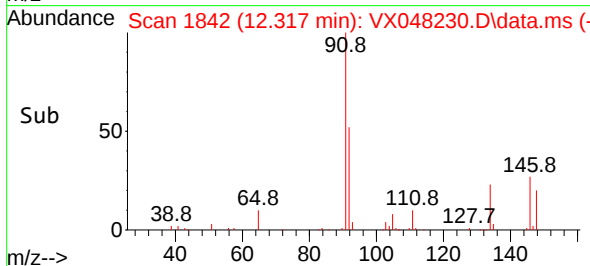
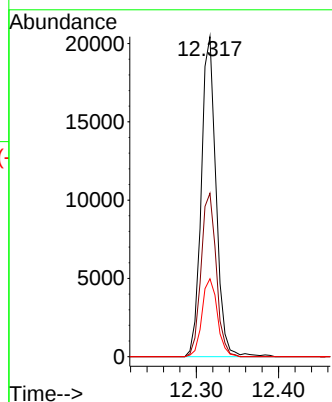
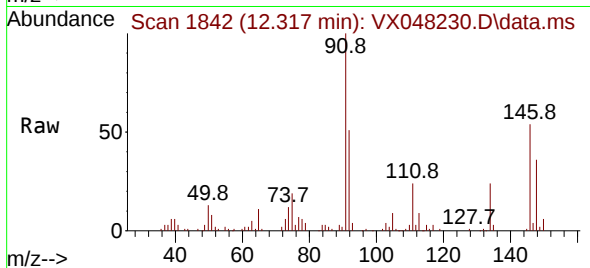
Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.9	80.6
134	25.4	12.7	38.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#90

Hexachloroethane

Concen: 4.382 ug/l

RT: 12.518 min Scan# 1875

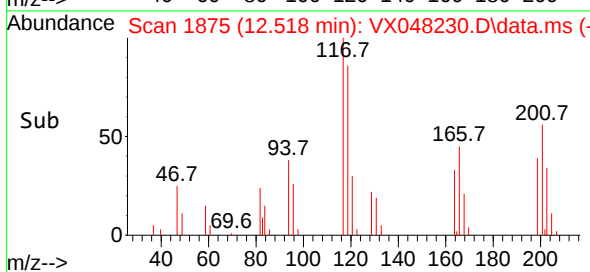
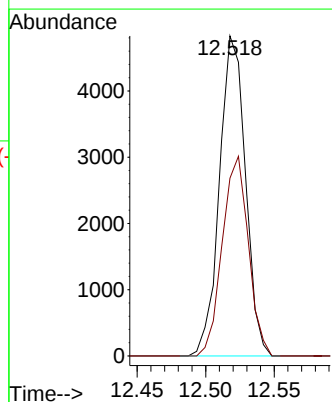
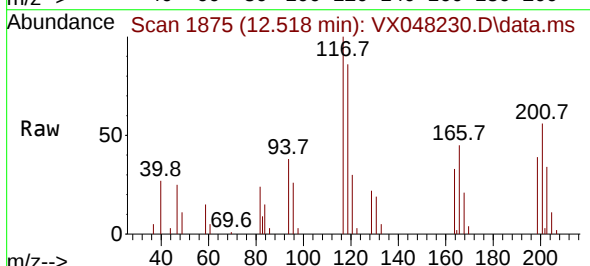
Delta R.T. -0.000 min

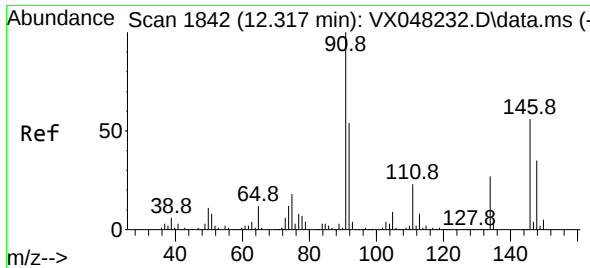
Lab File: VX048230.D

Acq: 20 Oct 2025 11:20

Tgt Ion:117 Resp: 6367

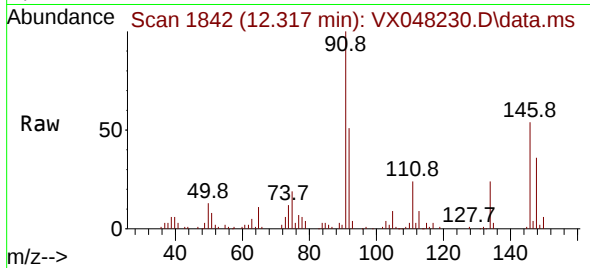
Ion	Ratio	Lower	Upper
117	100		
201	62.7	34.1	102.2





#91
1,2-Dichlorobenzene
Concen: 4.098 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

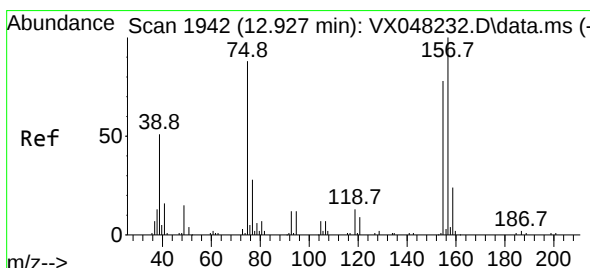
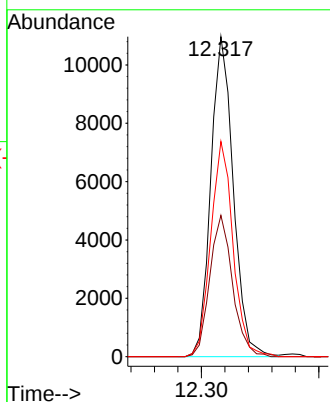
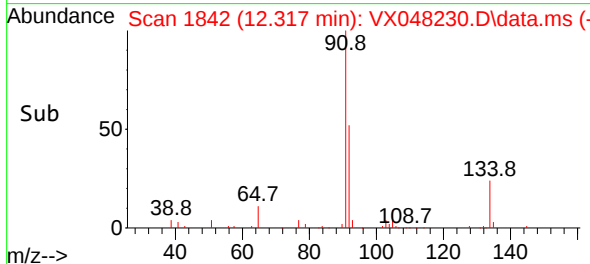
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



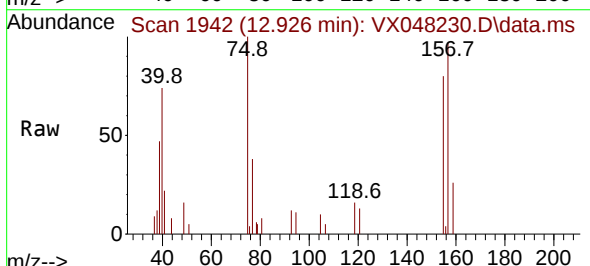
Tgt Ion:146 Resp: 1459
Ion Ratio Lower Upper
146 100
111 44.7 21.9 65.5
148 67.0 31.9 95.5

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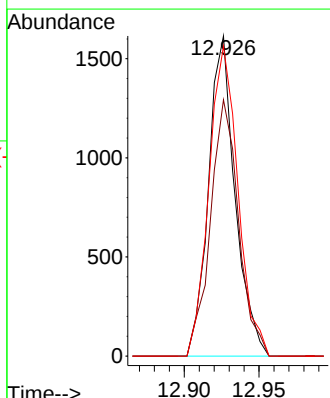
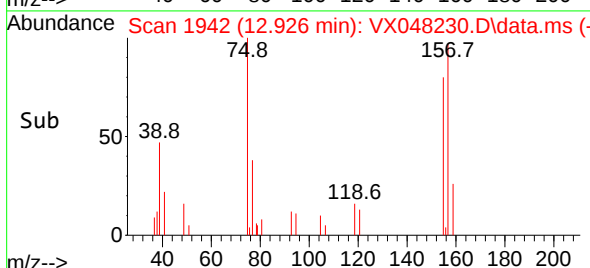
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

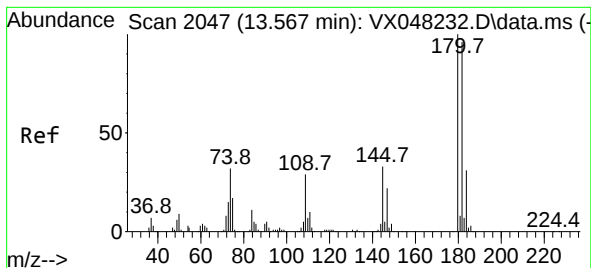


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.786 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20



Tgt Ion: 75 Resp: 1996
Ion Ratio Lower Upper
75 100
155 84.5 42.8 128.4
157 106.0 54.2 162.6





#93

1,2,4-Trichlorobenzene

Concen: 4.256 ug/l

RT: 13.566 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX048230.D

Acq: 20 Oct 2025 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

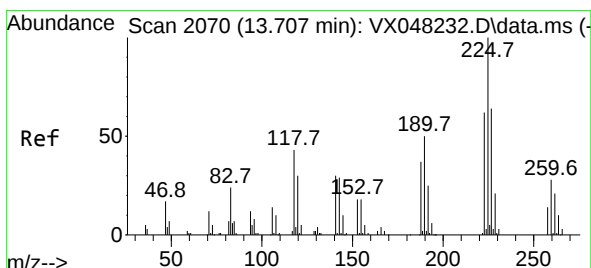
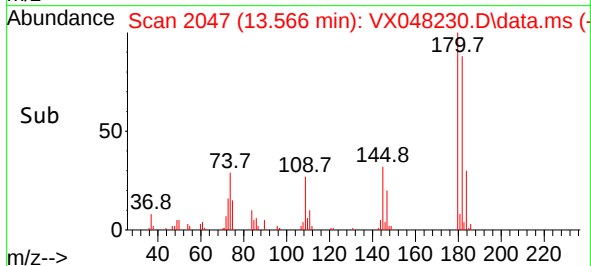
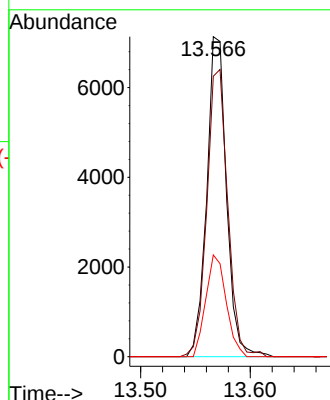
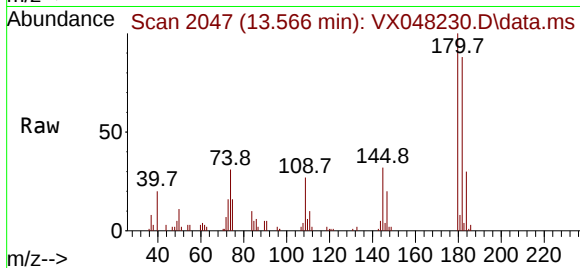
Tgt Ion:180	Resp:	895
Ion Ratio	Lower	Upper
180	100	
182	94.6	47.3 142.0
145	32.8	16.3 48.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#94

Hexachlorobutadiene

Concen: 5.198 ug/l

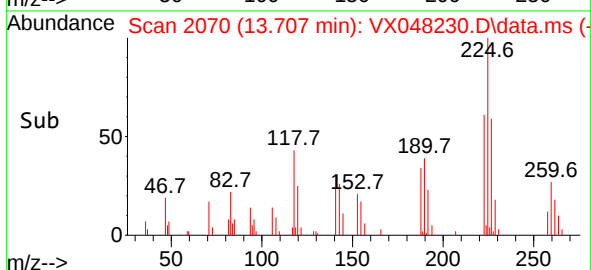
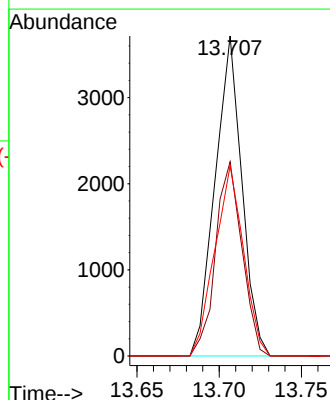
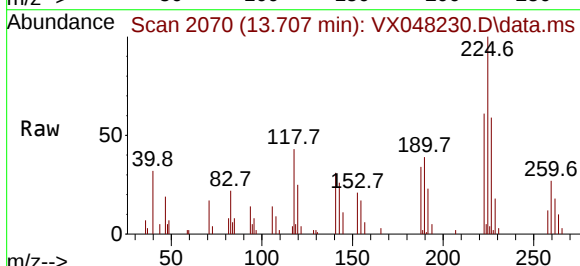
RT: 13.707 min Scan# 2070

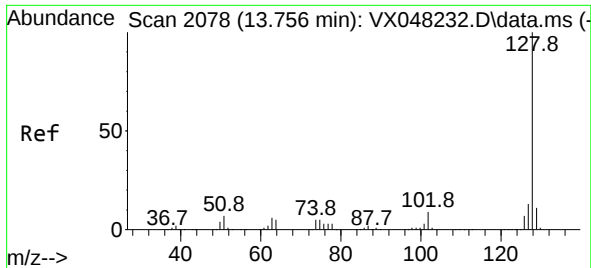
Delta R.T. 0.006 min

Lab File: VX048230.D

Acq: 20 Oct 2025 11:20

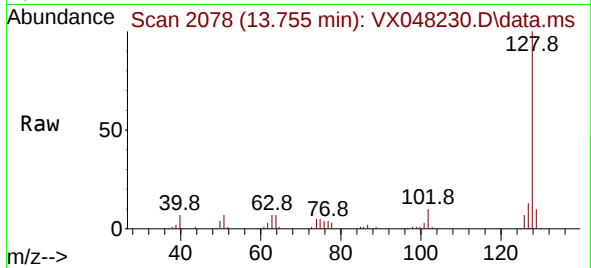
Tgt Ion:225	Resp:	4216
Ion Ratio	Lower	Upper
225	100	
223	59.9	32.6 97.7
227	63.7	32.5 97.4





#95
Naphthalene
Concen: 4.210 ug/l
RT: 13.755 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20

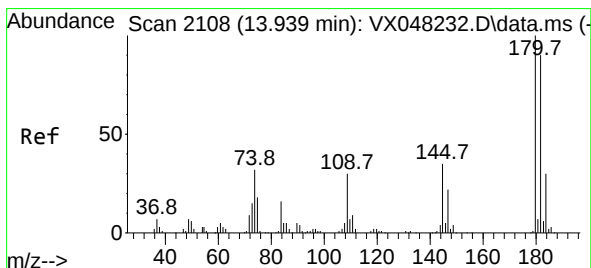
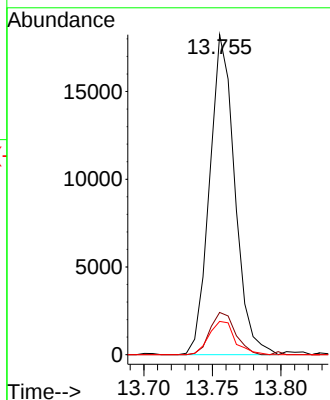
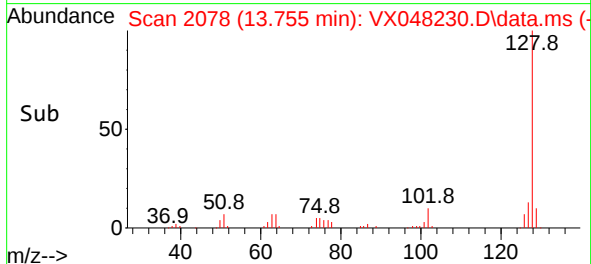
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



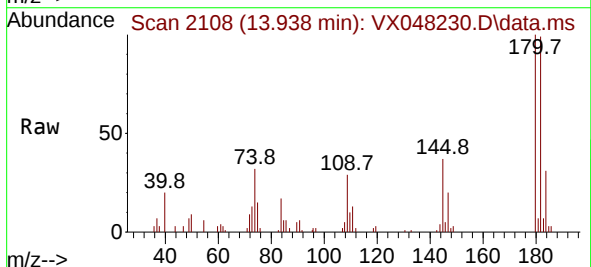
Tgt Ion:128 Resp: 2333
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.4
129 10.8 8.6 12.8

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 4.206 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048230.D
Acq: 20 Oct 2025 11:20



Tgt Ion:180 Resp: 8161
Ion Ratio Lower Upper
180 100
182 98.2 46.6 139.7
145 38.0 16.9 50.7

