

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

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 25 03:35:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	117551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	187766	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	163588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	80621	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	162188	98.406	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 196.820%#	
35) Dibromofluoromethane	5.373	113	129919	101.351	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 202.700%#	
50) Toluene-d8	8.634	98	448948	99.920	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 199.840%#	
62) 4-Bromofluorobenzene	11.061	95	167565	98.032	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 196.060%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.172	85	127029	105.118	ug/l	97
3) Chloromethane	1.300	50	111895	99.201	ug/l	100
4) Vinyl Chloride	1.379	62	108564	103.938	ug/l	100
5) Bromomethane	1.605	94	65752	92.758	ug/l	99
6) Chloroethane	1.690	64	66332	108.072	ug/l	92
7) Trichlorofluoromethane	1.892	101	213301	106.479	ug/l	98
8) Diethyl Ether	2.135	74	58302	103.435	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.337	101	136951	107.961	ug/l	96
10) Methyl Iodide	2.452	142	183697	115.192	ug/l	99
11) Tert butyl alcohol	2.952	59	78284	478.391	ug/l	99
12) 1,1-Dichloroethene	2.324	96	131152	106.271	ug/l	93
13) Acrolein	2.239	56	87244	522.748	ug/l	100
14) Allyl chloride	2.666	41	214290	104.584	ug/l	98
15) Acrylonitrile	3.056	53	298022	505.062	ug/l	100
16) Acetone	2.373	43	260058	459.946	ug/l	99
17) Carbon Disulfide	2.513	76	380127	97.731	ug/l	99
18) Methyl Acetate	2.702	43	120920	102.405	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	427254	101.480	ug/l	97
20) Methylene Chloride	2.788	84	140317	101.850	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	139080	102.594	ug/l	96
22) Diisopropyl ether	3.751	45	420126	102.802	ug/l	89
23) Vinyl Acetate	3.714	43	1723170	527.850	ug/l	96
24) 1,1-Dichloroethane	3.605	63	248141	100.417	ug/l	99
25) 2-Butanone	4.543	43	353741	494.285	ug/l	98
26) 2,2-Dichloropropane	4.470	77	228643	102.510	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	163444	103.308	ug/l	98
28) Bromochloromethane	4.885	49	108536	105.928	ug/l	86
29) Tetrahydrofuran	4.989	42	216543	505.219	ug/l	93
30) Chloroform	5.080	83	264966	100.362	ug/l	98
31) Cyclohexane	5.464	56	217717	106.419	ug/l	91
32) 1,1,1-Trichloroethane	5.373	97	248018	101.932	ug/l	98
36) 1,1-Dichloropropene	5.684	75	183932	100.953	ug/l	99
37) Ethyl Acetate	4.702	43	153844	101.872	ug/l	99
38) Carbon Tetrachloride	5.665	117	226976	100.976	ug/l	99
39) Methylcyclohexane	7.366	83	235208	109.312	ug/l	95
40) Benzene	6.025	78	535407	101.216	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.909	41	83790	105.653	ug/l	97
42) 1,2-Dichloroethane	6.074	62	198348	101.616	ug/l	99
43) Isopropyl Acetate	6.324	43	256067	103.227	ug/l	95
44) Trichloroethene	7.110	130	142779	102.221	ug/l	99
45) 1,2-Dichloropropane	7.415	63	130188	103.516	ug/l	96
46) Dibromomethane	7.567	93	98105	100.126	ug/l	94
47) Bromodichloromethane	7.805	83	215302	101.770	ug/l	99
48) Methyl methacrylate	7.677	41	131454	105.017	ug/l	95
49) 1,4-Dioxane	7.647	88	35972	2175.223	ug/l	89
51) 4-Methyl-2-Pentanone	8.561	43	720980	504.097	ug/l	94
52) Toluene	8.701	92	341597	101.651	ug/l	99
53) t-1,3-Dichloropropene	8.963	75	215736	105.820	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	231037	105.038	ug/l	94
55) 1,1,2-Trichloroethane	9.134	97	124910	99.952	ug/l	98
56) Ethyl methacrylate	9.104	69	196699	107.610	ug/l	94
57) 1,3-Dichloropropane	9.293	76	214853	100.650	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	505448	512.470	ug/l	96
59) 2-Hexanone	9.415	43	509398	510.781	ug/l	95
60) Dibromochloromethane	9.506	129	166167	98.928	ug/l	100
61) 1,2-Dibromoethane	9.591	107	134662	101.077	ug/l	97
64) Tetrachloroethene	9.256	164	121163	99.215	ug/l	97
65) Chlorobenzene	10.061	112	375532	102.048	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	140599	104.022	ug/l	97
67) Ethyl Benzene	10.177	91	656925	104.850	ug/l	98
68) m/p-Xylenes	10.286	106	490879	210.869	ug/l	100
69) o-Xylene	10.622	106	236648	105.297	ug/l	100
70) Styrene	10.640	104	407916	106.594	ug/l	99
71) Bromoform	10.780	173	109613	101.467	ug/l #	98
73) Isopropylbenzene	10.945	105	624767	106.098	ug/l	99
74) N-amyl acetate	10.829	43	228080	109.195	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.195	83	164207	102.114	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	192703	147.394	ug/l	78
77) Bromobenzene	11.183	156	153619	104.042	ug/l	93
78) n-propylbenzene	11.286	91	732684	107.464	ug/l	98
79) 2-Chlorotoluene	11.347	91	434217	105.044	ug/l	100
80) 1,3,5-Trimethylbenzene	11.432	105	519549	106.616	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	59059	109.902	ug/l	98
82) 4-Chlorotoluene	11.439	91	506861	103.293	ug/l	98
83) tert-Butylbenzene	11.695	119	529264	105.707	ug/l	98
84) 1,2,4-Trimethylbenzene	11.731	105	523474	107.638	ug/l	99
85) sec-Butylbenzene	11.871	105	639904	106.228	ug/l	100
86) p-Isopropyltoluene	11.987	119	548119	105.271	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	281617	101.174	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	277908	96.377	ug/l	98
89) n-Butylbenzene	12.316	91	495486	104.552	ug/l	99
90) Hexachloroethane	12.518	117	107057	104.121	ug/l	93
91) 1,2-Dichlorobenzene	12.316	146	261022	99.880	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	36087	110.555	ug/l	97
93) 1,2,4-Trichlorobenzene	13.566	180	179562	101.602	ug/l	100
94) Hexachlorobutadiene	13.706	225	68645	103.582	ug/l	98
95) Naphthalene	13.755	128	511355	109.211	ug/l	99
96) 1,2,3-Trichlorobenzene	13.944	180	169248	104.362	ug/l	98

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

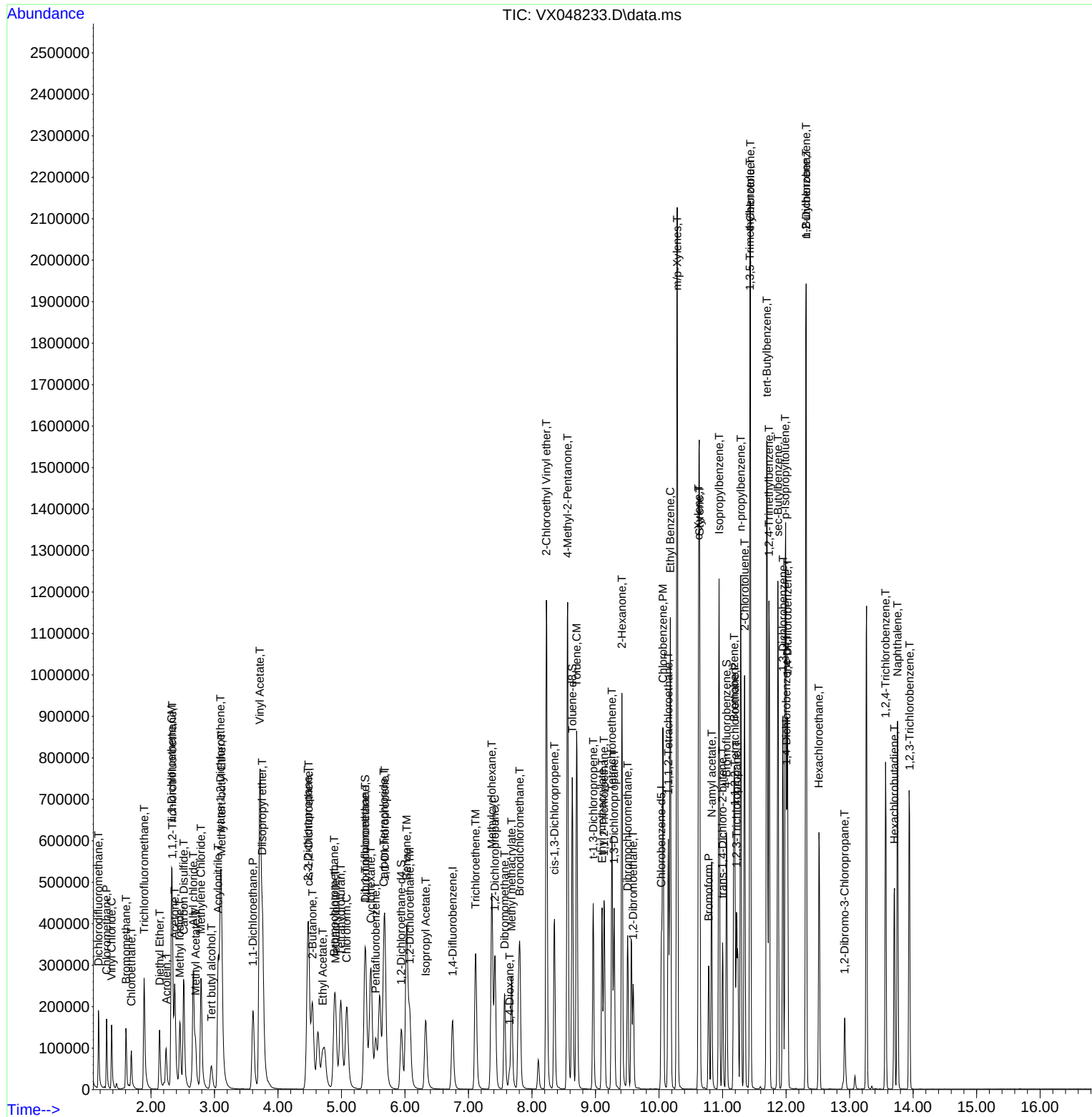
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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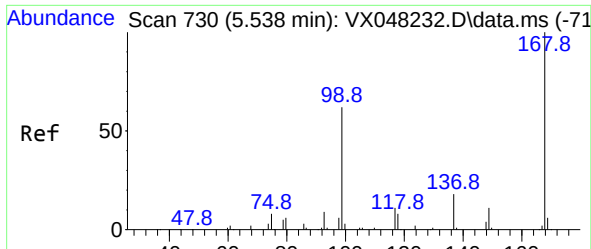
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

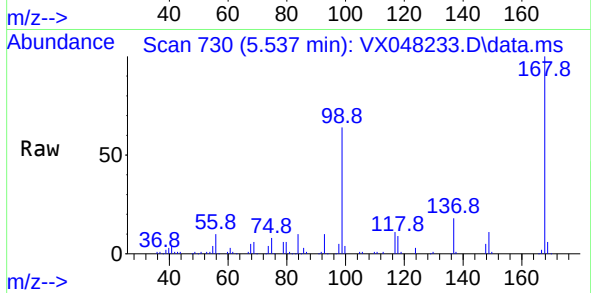
Quant Time: Oct 25 03:35:43 2025
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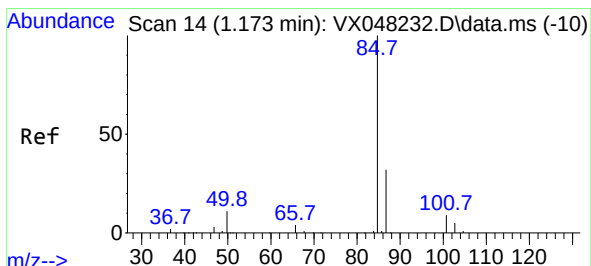
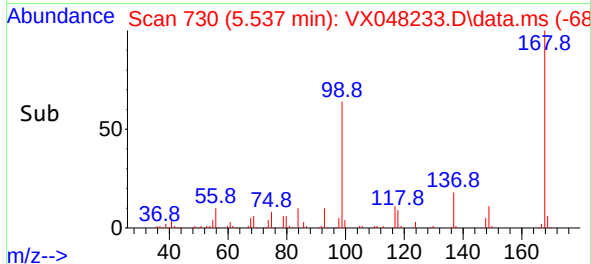
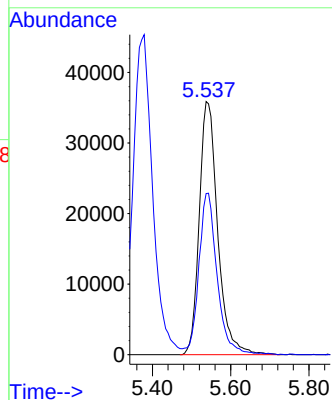


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.007 min
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ClientSampleId :
VSTDICC100

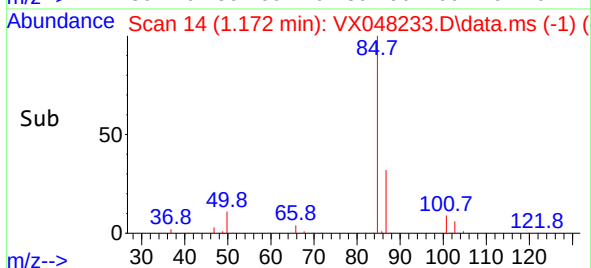
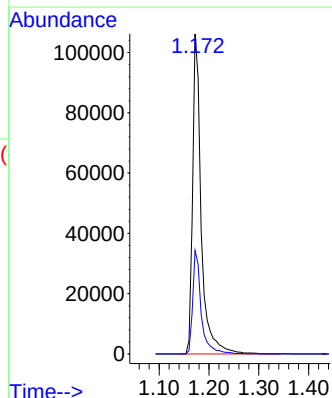
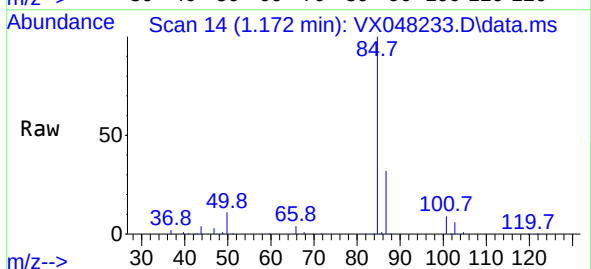


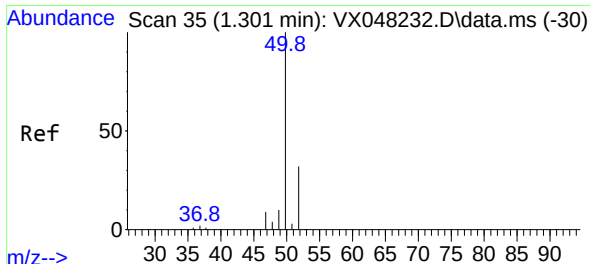
Tgt Ion:168 Resp: 117551
Ion Ratio Lower Upper
168 100
99 63.4 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 105.118 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 85 Resp: 127029
Ion Ratio Lower Upper
85 100
87 32.3 15.3 45.9

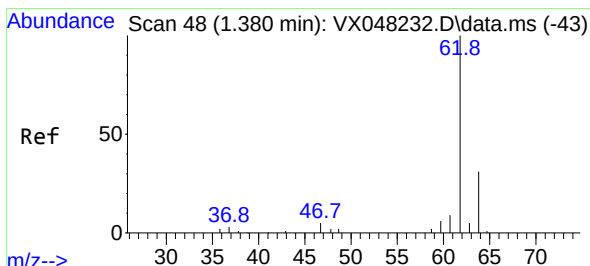
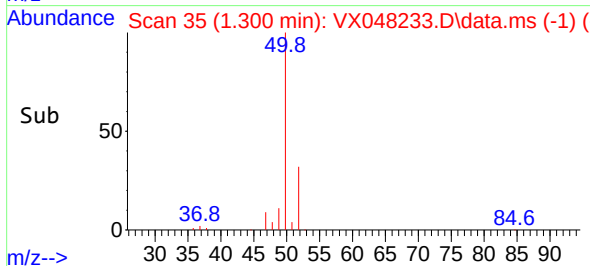
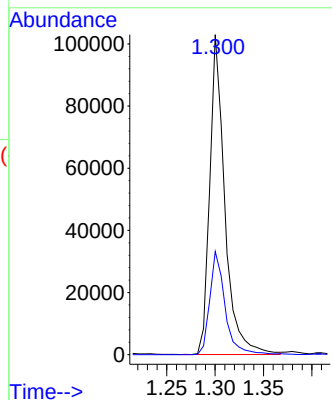
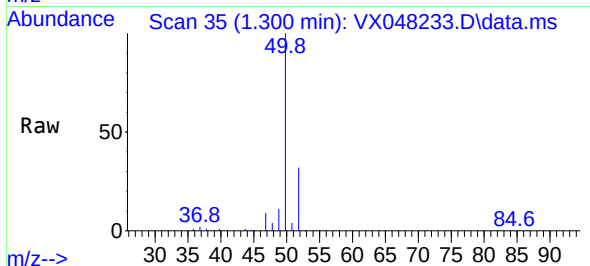




#3
Chloromethane
Concen: 99.201 ug/l
RT: 1.300 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

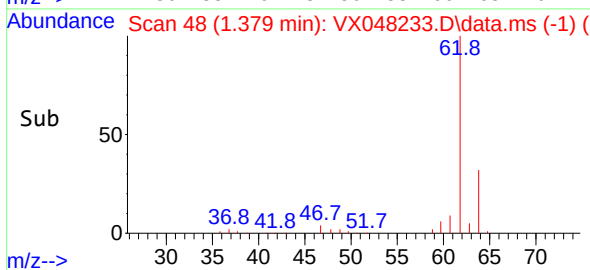
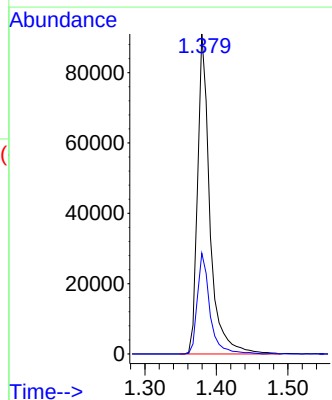
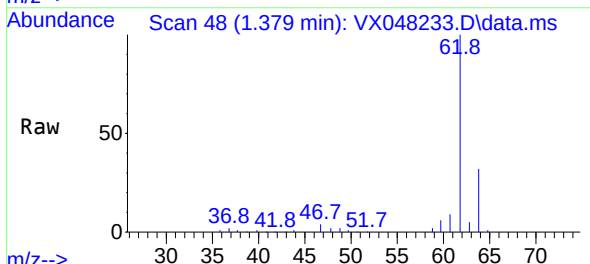
Instrument :
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ClientSampleId :
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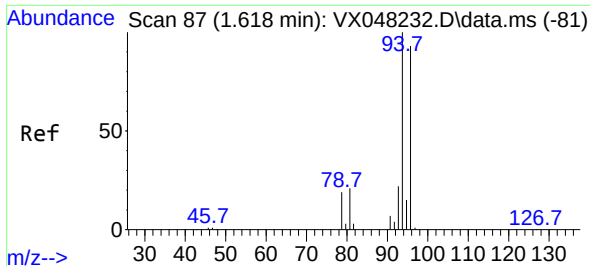
Tgt Ion: 50 Resp: 111895
Ion Ratio Lower Upper
50 100
52 32.2 25.9 38.9



#4
Vinyl Chloride
Concen: 103.938 ug/l
RT: 1.379 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

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

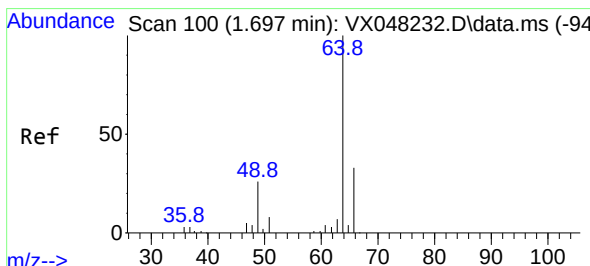
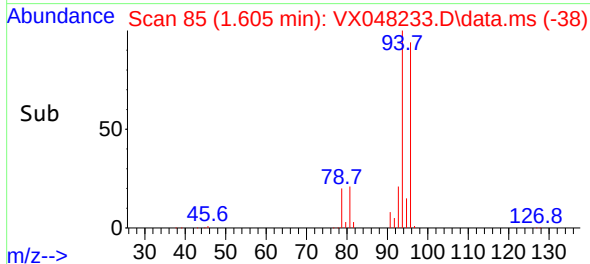
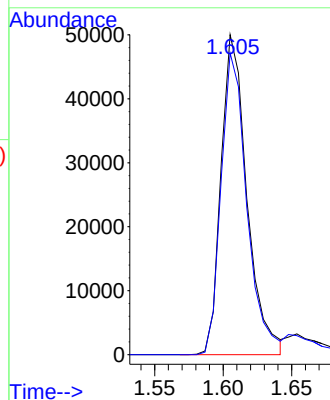
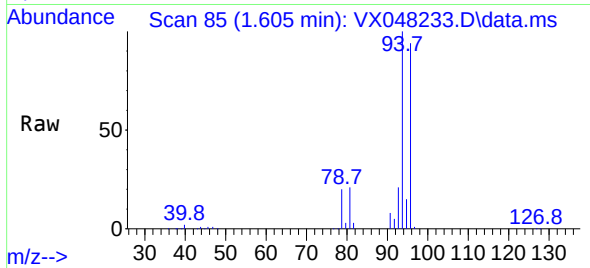




#5
Bromomethane
Concen: 92.758 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.013 min
Lab File: VX048233.D
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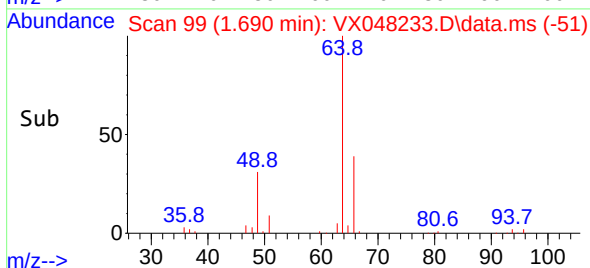
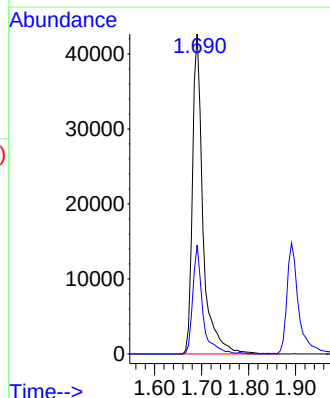
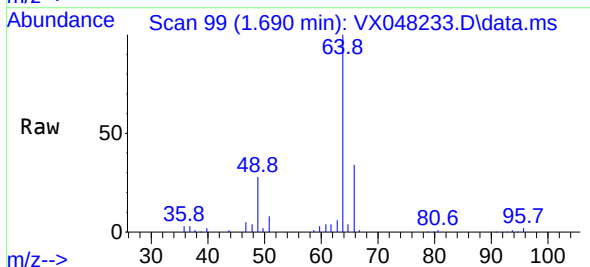
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 65752
Ion Ratio Lower Upper
94 100
96 94.3 76.0 114.0

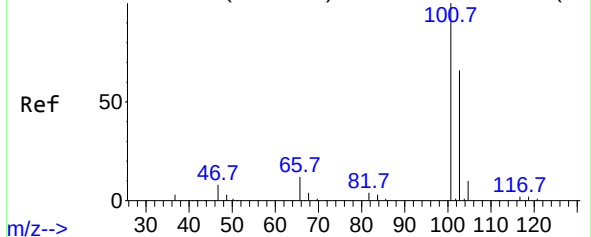


#6
Chloroethane
Concen: 108.072 ug/l
RT: 1.690 min Scan# 99
Delta R.T. -0.007 min
Lab File: VX048233.D
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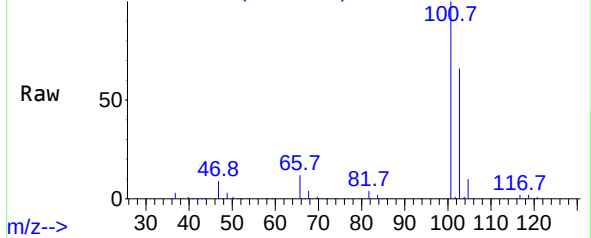
Tgt Ion: 64 Resp: 66332
Ion Ratio Lower Upper
64 100
66 34.0 23.9 35.9



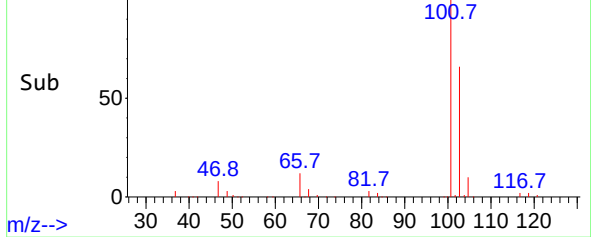
Abundance Scan 133 (1.898 min): VX048232.D\data.ms (-12



m/z--> Scan 132 (1.892 min): VX048233.D\data.ms



Abundance Scan 132 (1.892 min): VX048233.D\data.ms (-84



m/z-->

#7

Trichlorofluoromethane

Concen: 106.479 ug/l

RT: 1.892 min Scan# 11

Delta R.T. -0.007 min

Lab File: VX048233.D

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Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

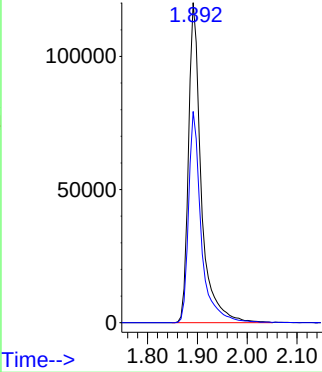
Tgt Ion:101 Resp: 213301

Ion Ratio Lower Upper

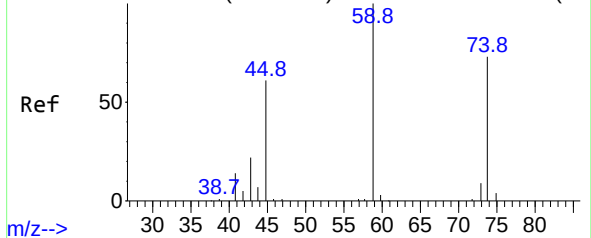
101 100

103 66.0 51.6 77.4

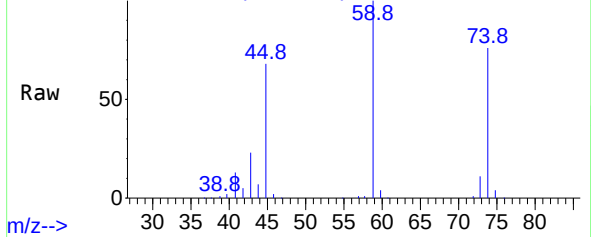
Abundance



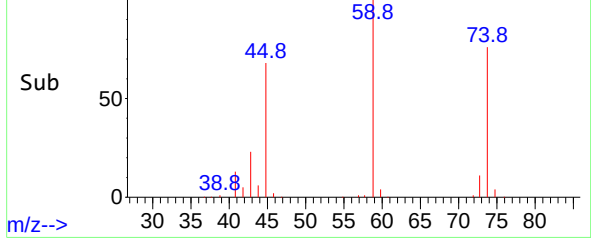
Abundance Scan 172 (2.136 min): VX048232.D\data.ms (-16



m/z--> Scan 172 (2.135 min): VX048233.D\data.ms



Abundance Scan 172 (2.135 min): VX048233.D\data.ms (-12



m/z-->

#8

Diethyl Ether

Concen: 103.435 ug/l

RT: 2.135 min Scan# 172

Delta R.T. -0.000 min

Lab File: VX048233.D

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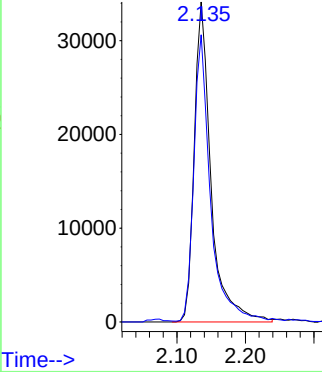
Tgt Ion: 74 Resp: 58302

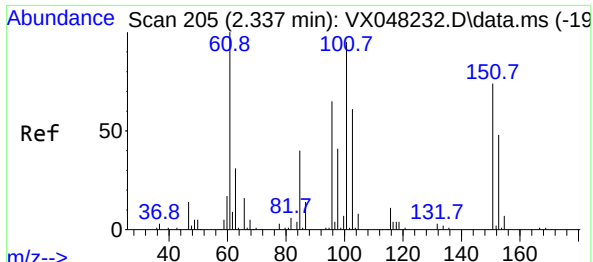
Ion Ratio Lower Upper

74 100

45 88.0 50.0 149.8

Abundance

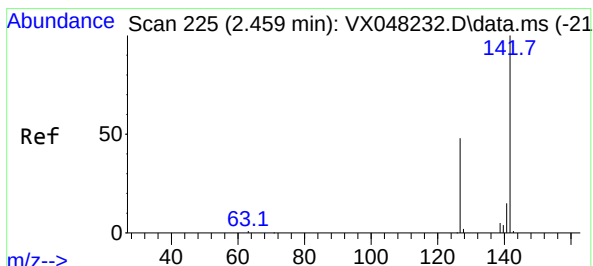
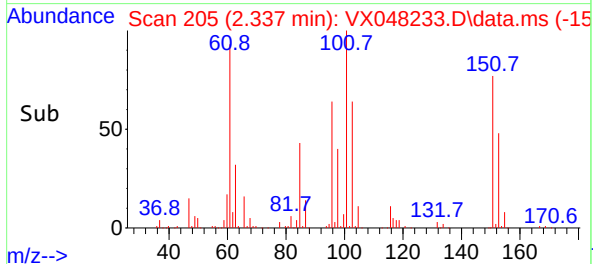
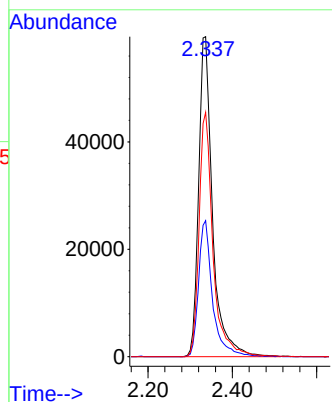
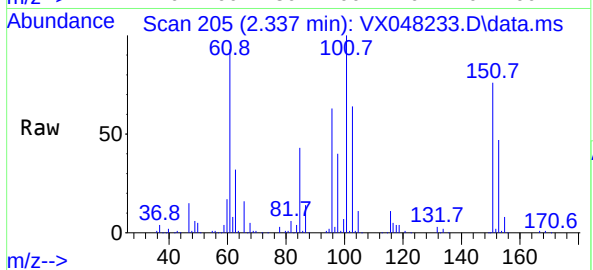




#9
1,1,2-Trichlorotrifluoroethane
Concen: 107.961 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

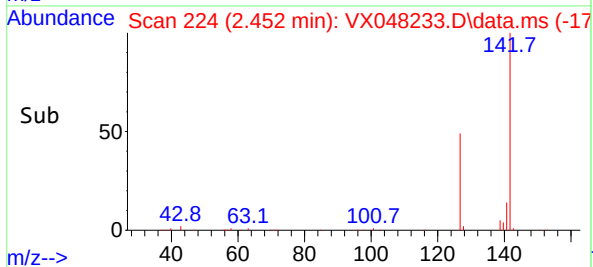
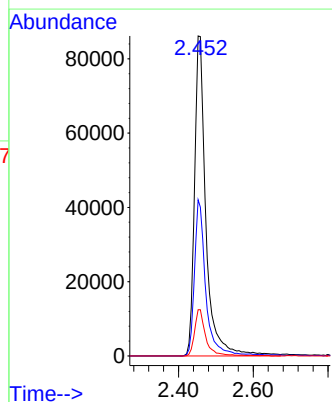
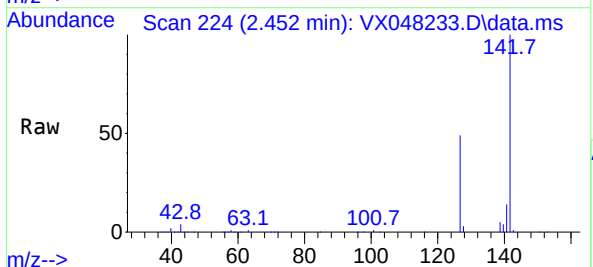
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

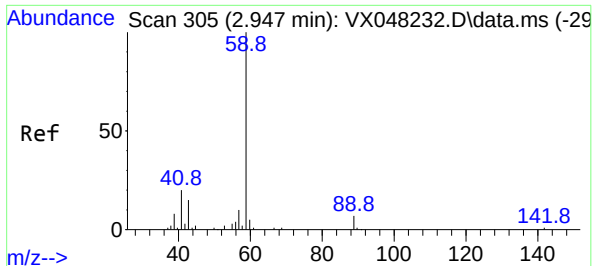
Tgt Ion:101 Resp: 136951
Ion Ratio Lower Upper
101 100
85 42.9 35.6 53.4
151 76.5 58.0 87.0



#10
Methyl Iodide
Concen: 115.192 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.007 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

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

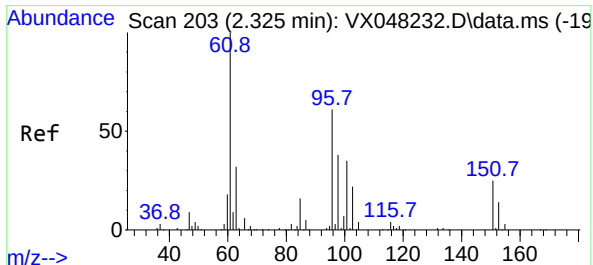
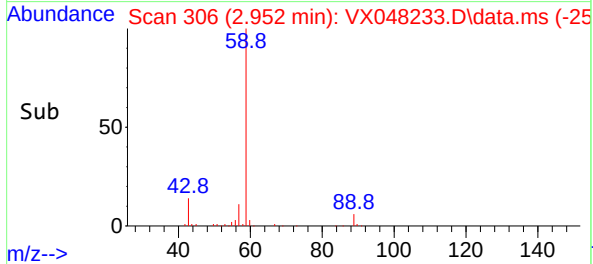
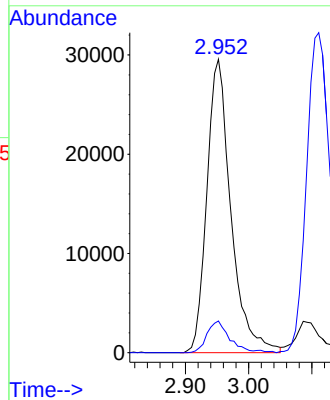
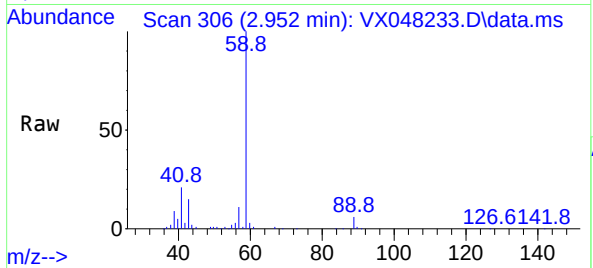




#11
Tert butyl alcohol
Concen: 478.391 ug/l
RT: 2.952 min Scan# 305
Delta R.T. 0.012 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

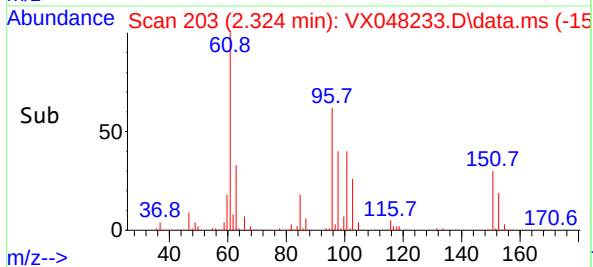
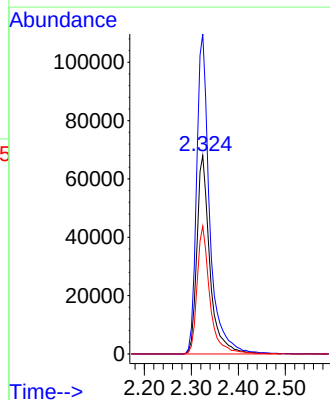
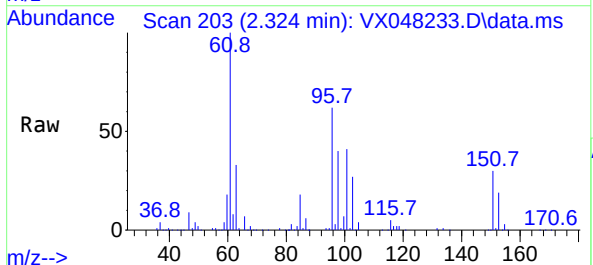
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

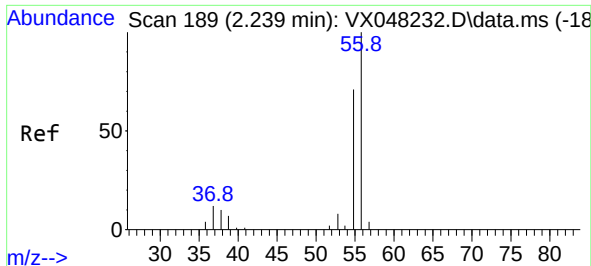
Tgt Ion: 59 Resp: 78284
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4



#12
1,1-Dichloroethene
Concen: 106.271 ug/l
RT: 2.324 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

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

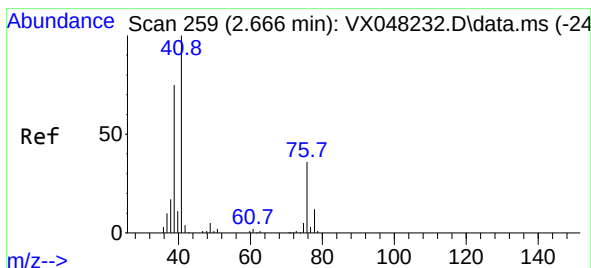
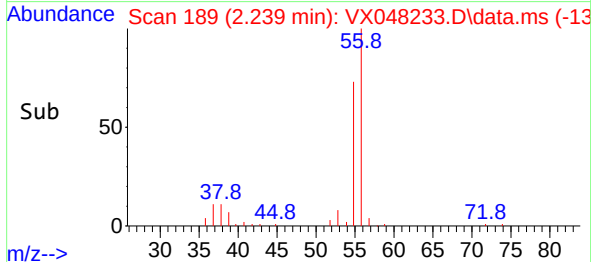
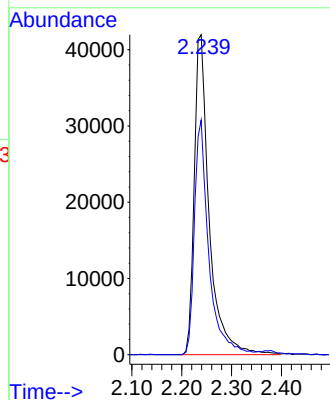
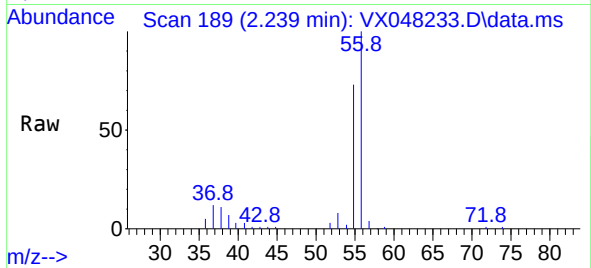




#13
Acrolein
Concen: 522.748 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

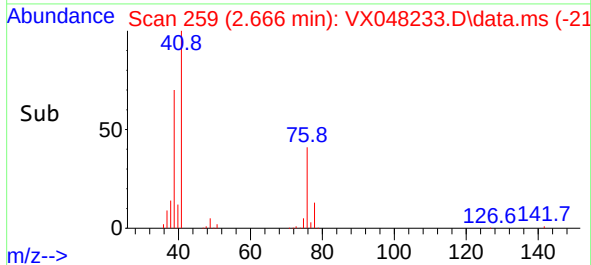
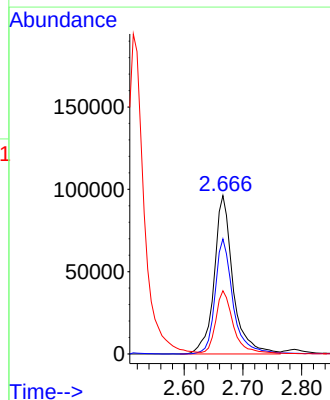
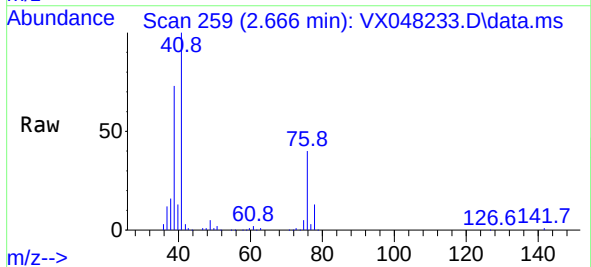
Instrument : MSVOA_X
ClientSampleId : VSTDIC100

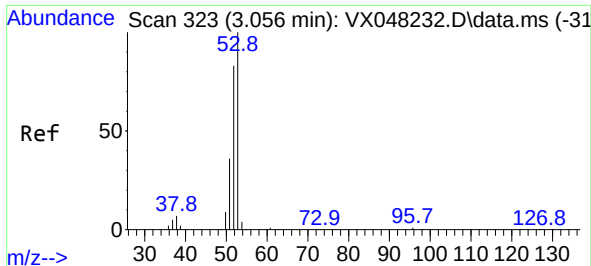
Tgt Ion: 56 Resp: 87244
Ion Ratio Lower Upper
56 100
55 70.2 56.1 84.1



#14
Allyl chloride
Concen: 104.584 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

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

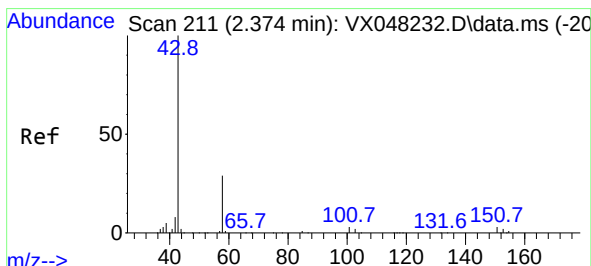
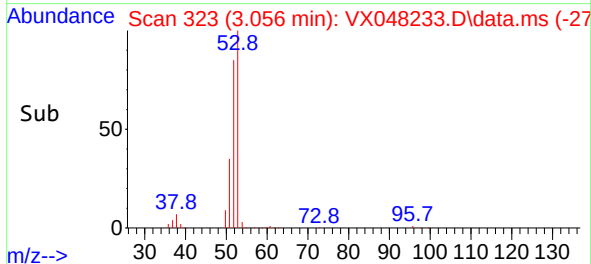
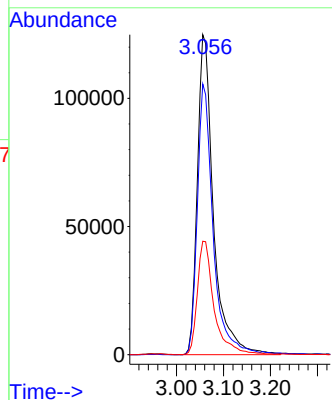
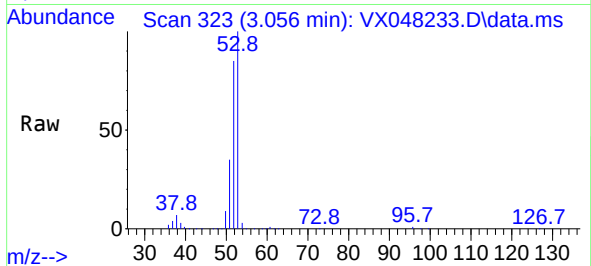




#15
Acrylonitrile
Concen: 505.062 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

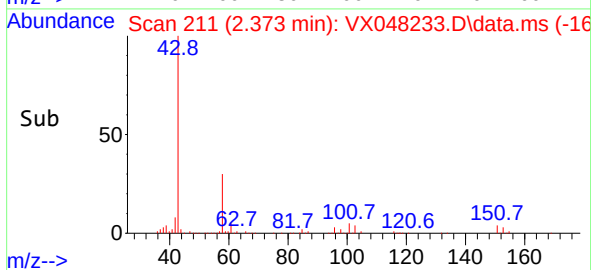
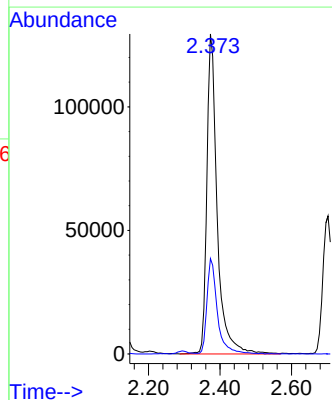
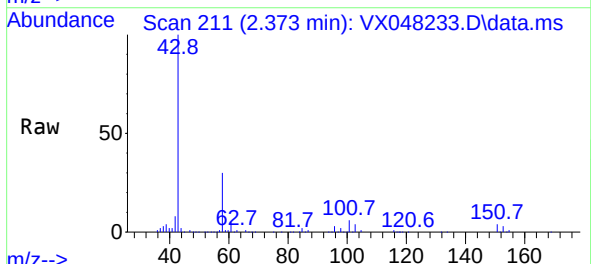
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

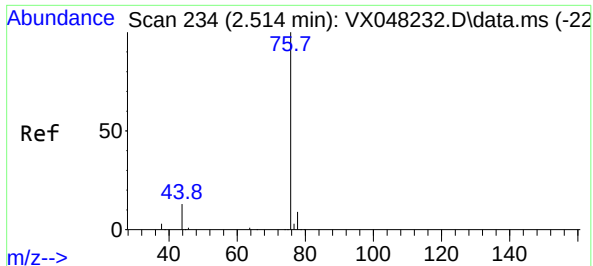
Tgt Ion: 53 Resp: 298022
Ion Ratio Lower Upper
53 100
52 82.7 66.1 99.1
51 37.0 29.0 43.4



#16
Acetone
Concen: 459.946 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

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

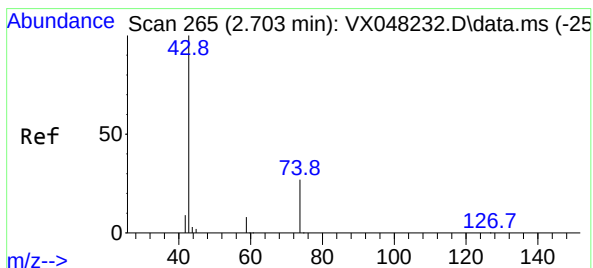
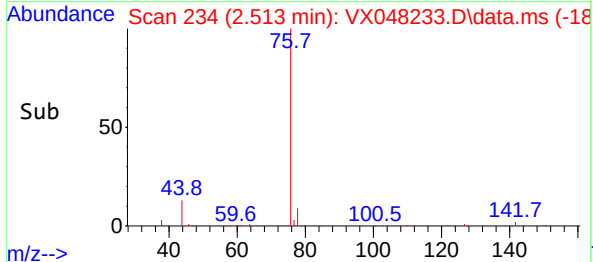
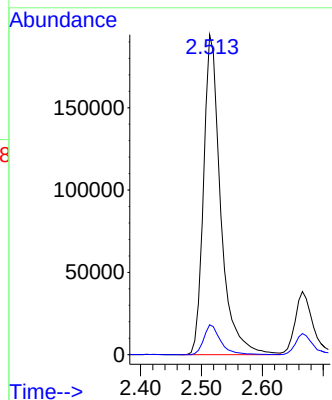
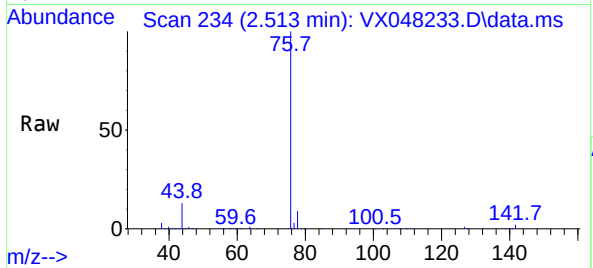




#17
Carbon Disulfide
Concen: 97.731 ug/l
RT: 2.513 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

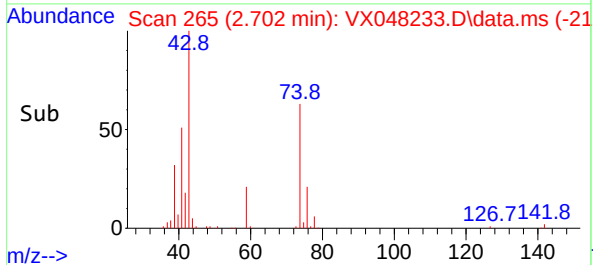
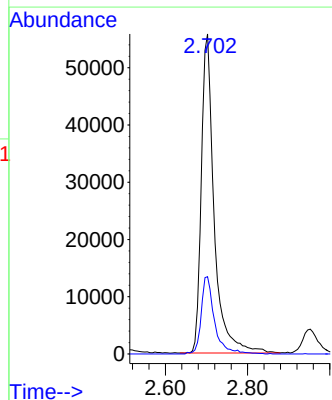
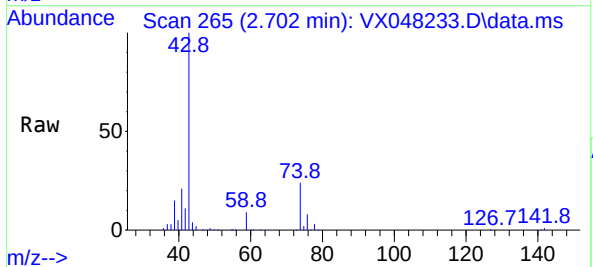
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

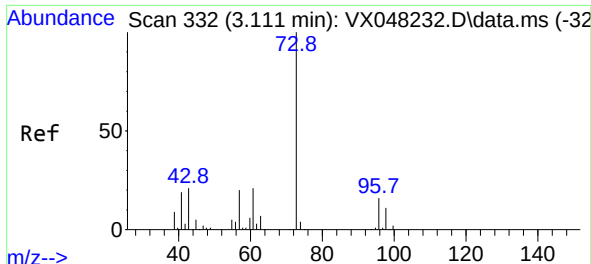
Tgt Ion: 76 Resp: 380127
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 102.405 ug/l
RT: 2.702 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

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

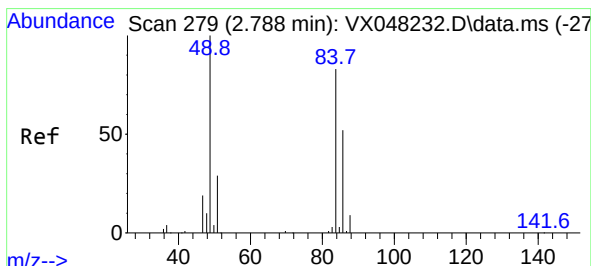
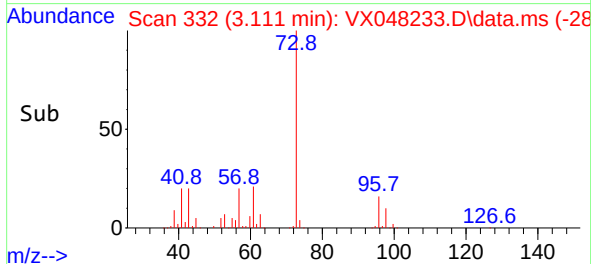
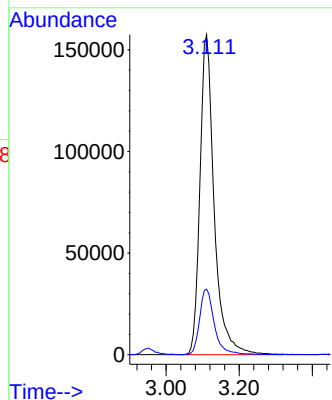
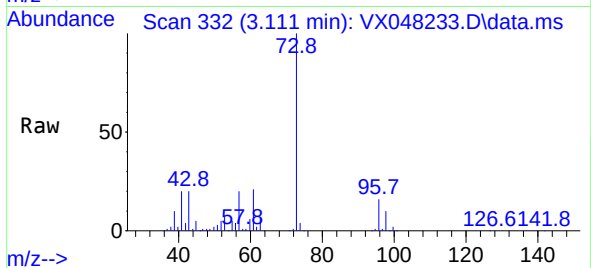




#19
Methyl tert-butyl Ether
Concen: 101.480 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

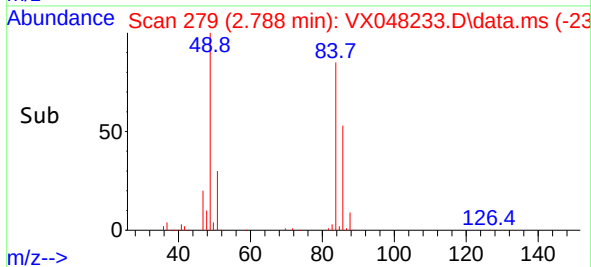
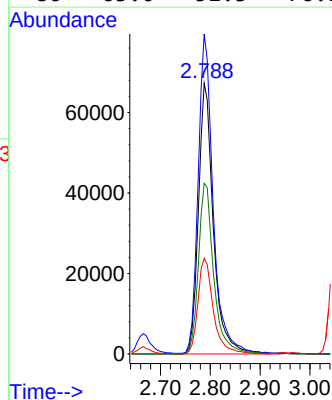
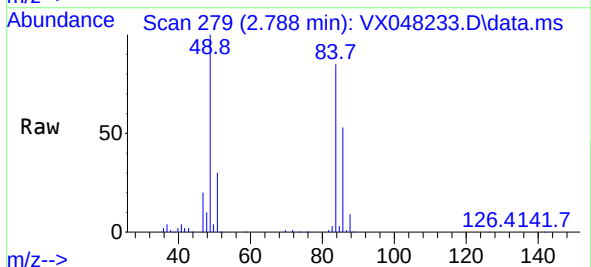
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

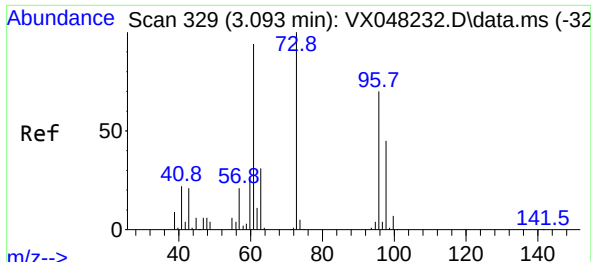
Tgt Ion: 73 Resp: 427254
Ion Ratio Lower Upper
73 100
57 20.5 17.7 26.5



#20
Methylene Chloride
Concen: 101.850 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

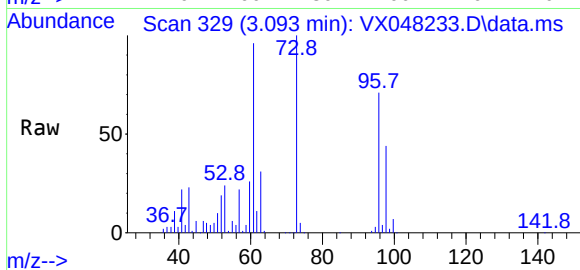
Tgt Ion: 84 Resp: 140317
Ion Ratio Lower Upper
84 100
49 117.9 104.1 156.1
51 35.3 31.3 46.9
86 63.0 51.3 76.9



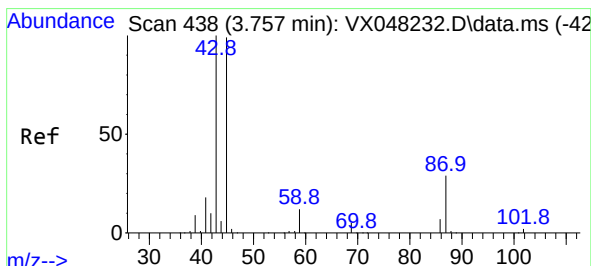
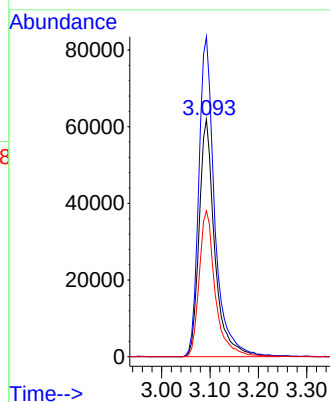
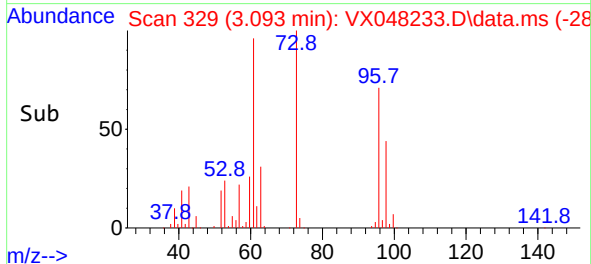


#21
trans-1,2-Dichloroethene
Concen: 102.594 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

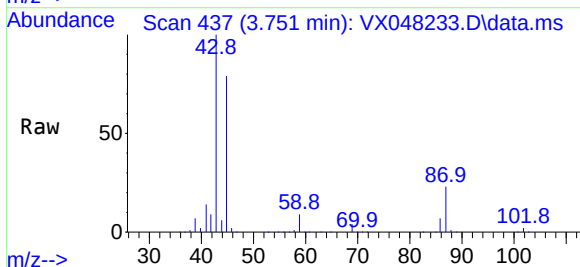
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



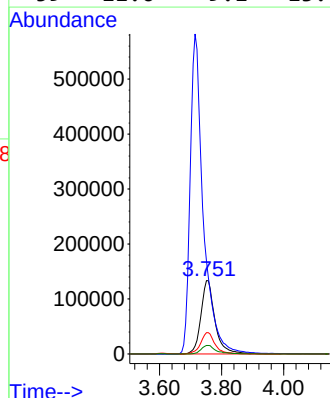
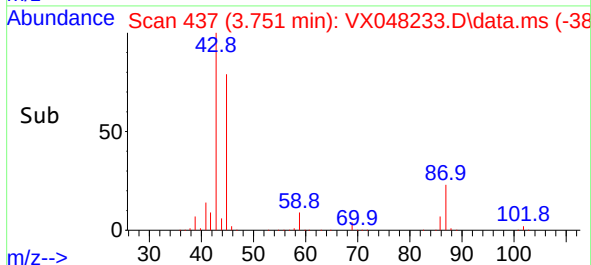
Tgt Ion: 96 Resp: 139080
Ion Ratio Lower Upper
96 100
61 134.9 111.9 167.9
98 61.5 51.2 76.8

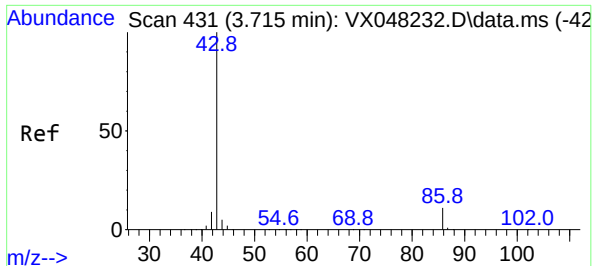


#22
Diisopropyl ether
Concen: 102.802 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22



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

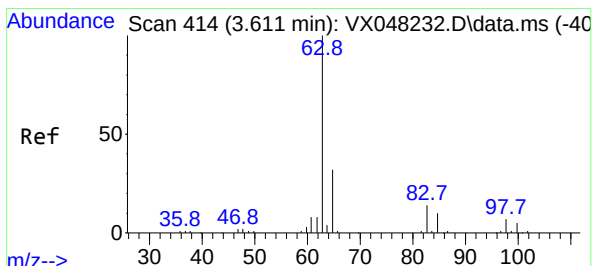
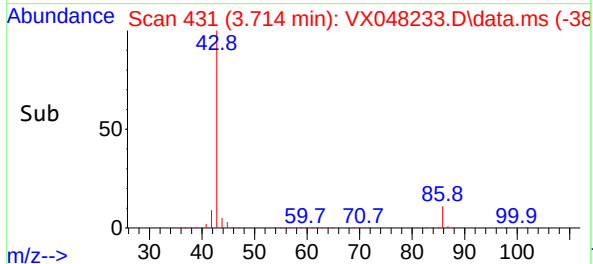
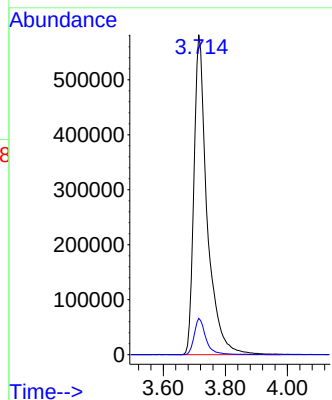
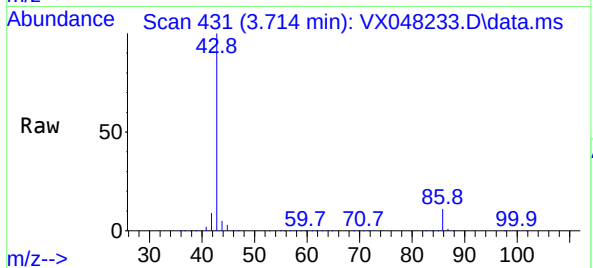




#23
Vinyl Acetate
Concen: 527.850 ug/l
RT: 3.714 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

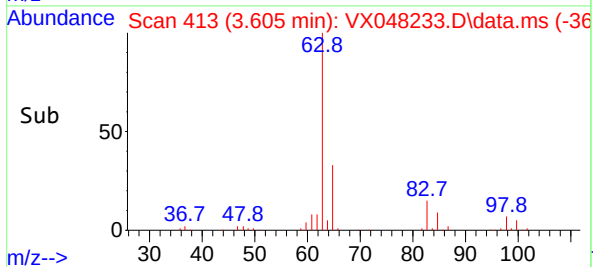
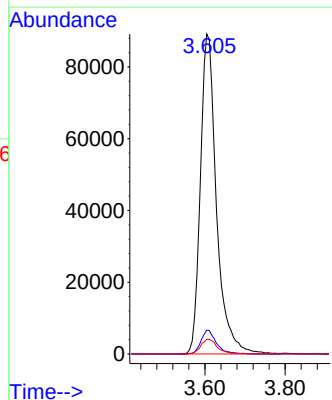
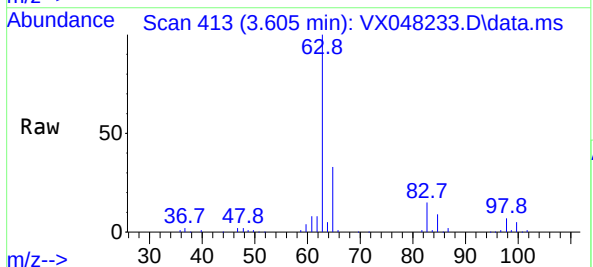
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

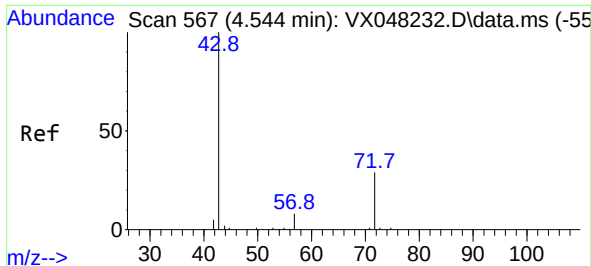
Tgt Ion: 43 Resp: 1723170
Ion Ratio Lower Upper
43 100
86 11.3 7.9 11.9



#24
1,1-Dichloroethane
Concen: 100.417 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

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

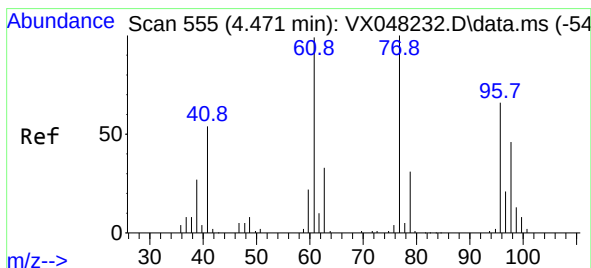
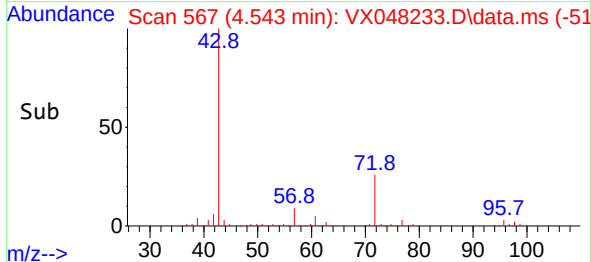
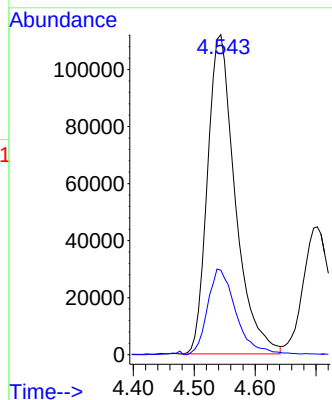
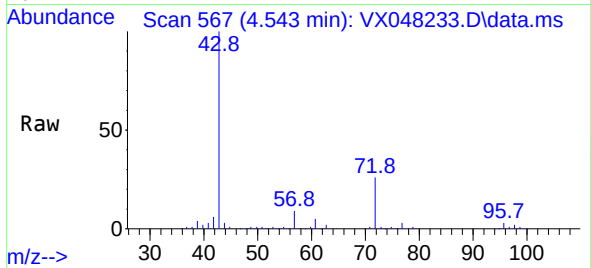




#25
2-Butanone
Concen: 494.285 ug/l
RT: 4.543 min Scan# 501
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

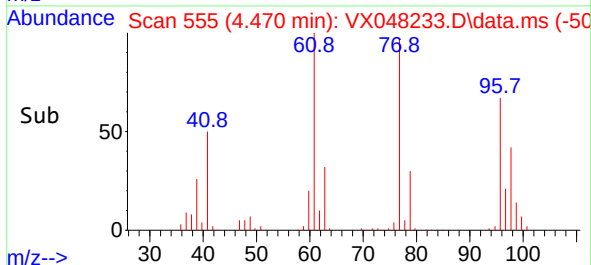
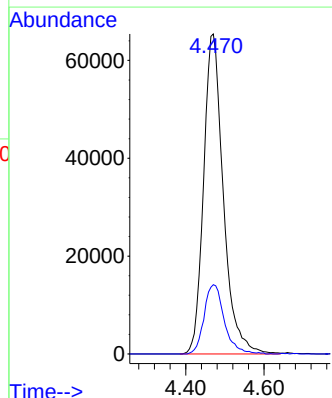
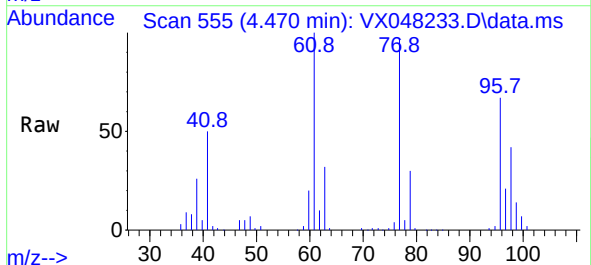
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

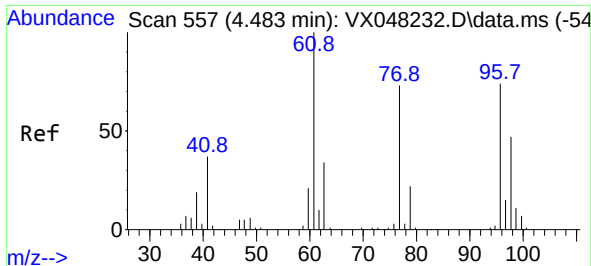
Tgt Ion: 43 Resp: 353741
Ion Ratio Lower Upper
43 100
72 25.8 19.9 29.9



#26
2,2-Dichloropropane
Concen: 102.510 ug/l
RT: 4.470 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

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

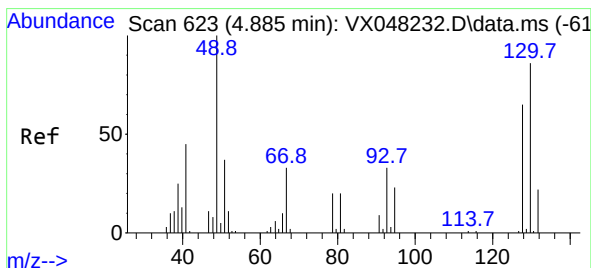
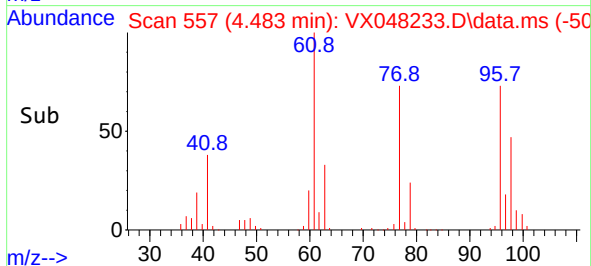
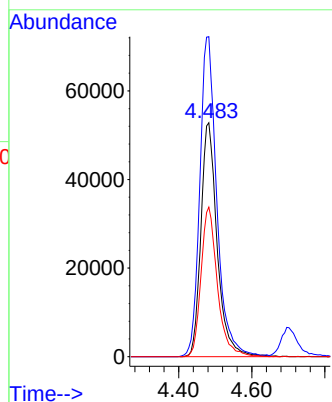
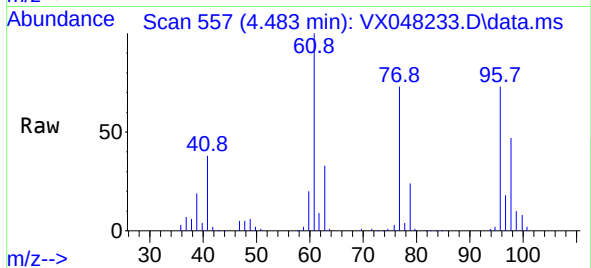




#27
cis-1,2-Dichloroethene
Concen: 103.308 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

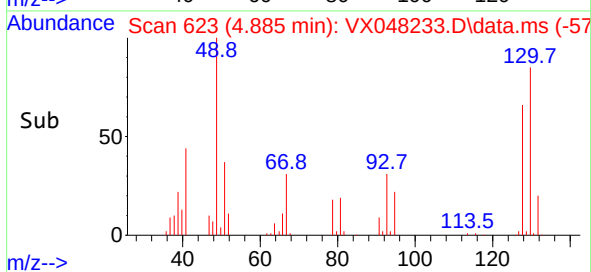
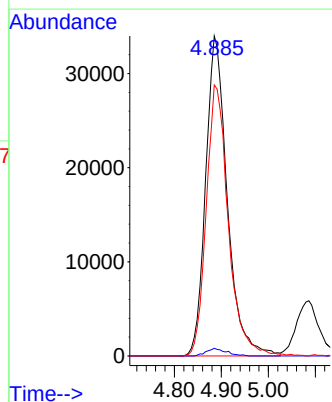
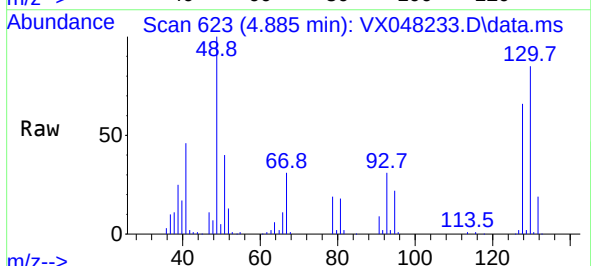
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

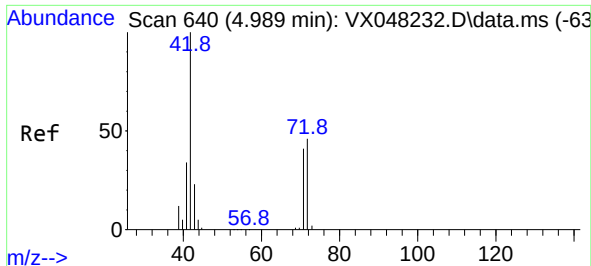
Tgt Ion: 96 Resp: 163444
Ion Ratio Lower Upper
96 100
61 143.1 0.0 294.2
98 64.3 0.0 128.4



#28
Bromochloromethane
Concen: 105.928 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

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





#29

Tetrahydrofuran

Concen: 505.219 ug/l

RT: 4.989 min Scan# 640

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

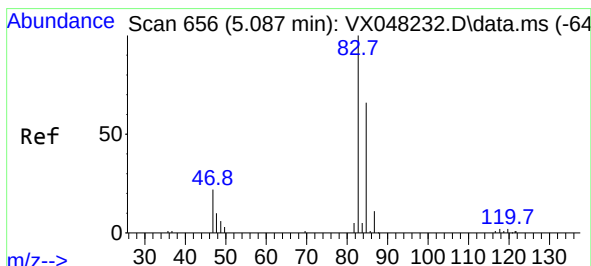
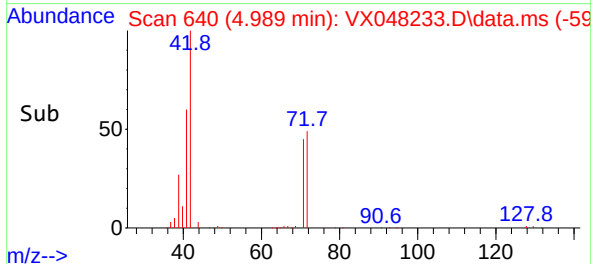
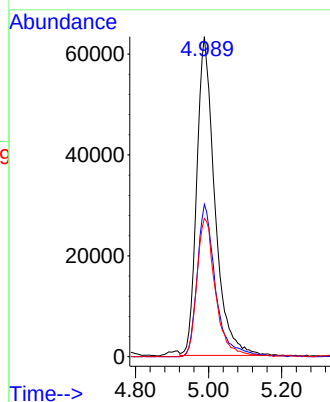
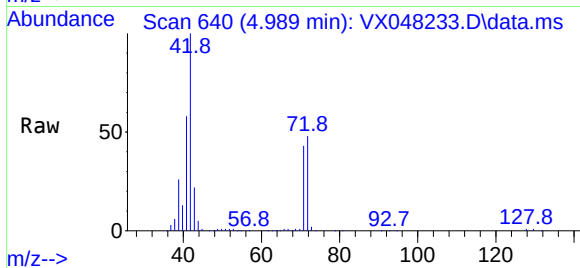
Tgt Ion: 42 Resp: 216543

Ion Ratio Lower Upper

42 100

72 48.6 35.3 52.9

71 44.5 32.2 48.4



#30

Chloroform

Concen: 100.362 ug/l

RT: 5.080 min Scan# 655

Delta R.T. -0.000 min

Lab File: VX048233.D

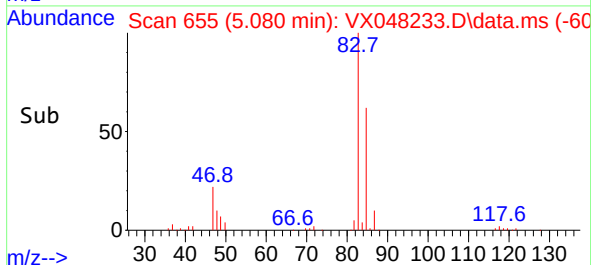
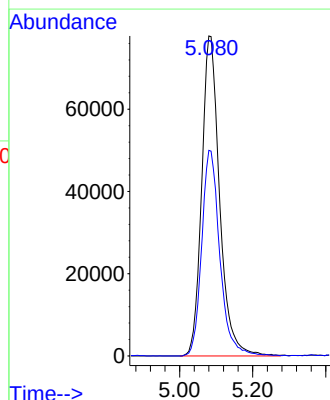
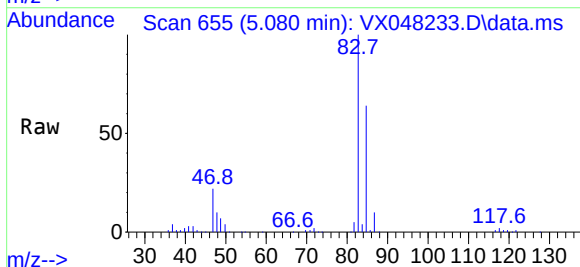
Acq: 20 Oct 2025 12:22

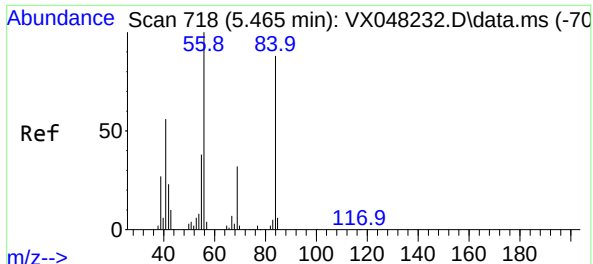
Tgt Ion: 83 Resp: 264966

Ion Ratio Lower Upper

83 100

85 64.3 50.1 75.1



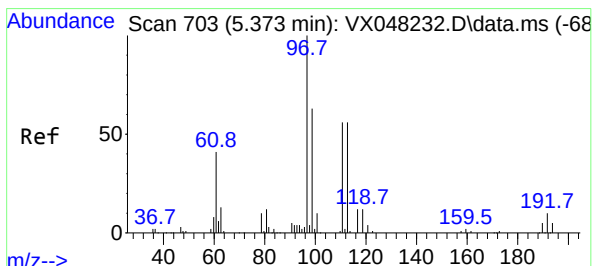
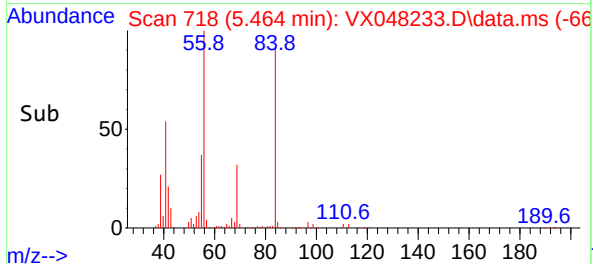
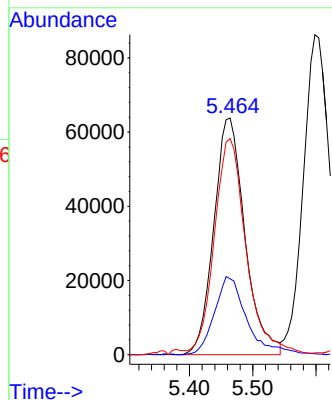
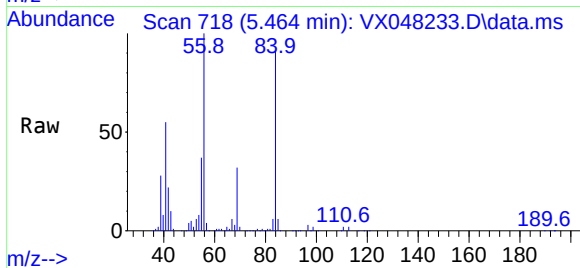


#31
Cyclohexane
Concen: 106.419 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 217717

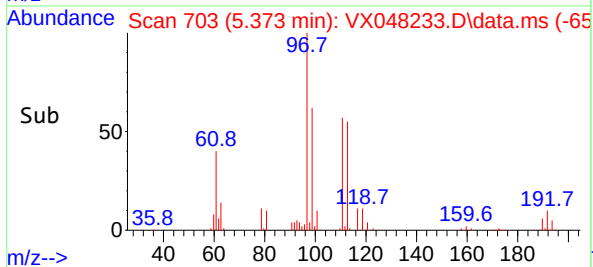
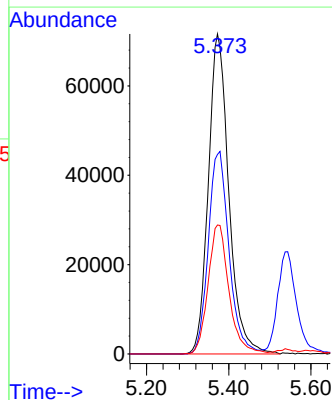
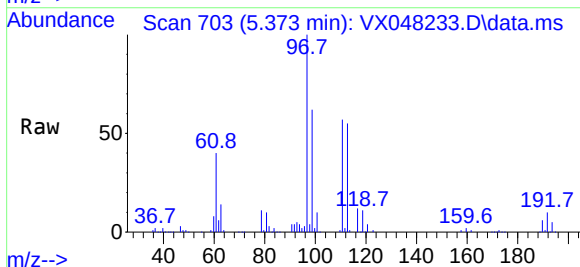
Ion	Ratio	Lower	Upper
56	100		
69	32.1	23.0	34.6
84	89.2	64.6	97.0

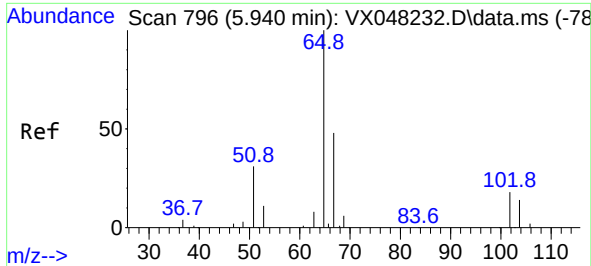


#32
1,1,1-Trichloroethane
Concen: 101.932 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 97 Resp: 248018

Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.7	77.5
61	41.2	34.8	52.2

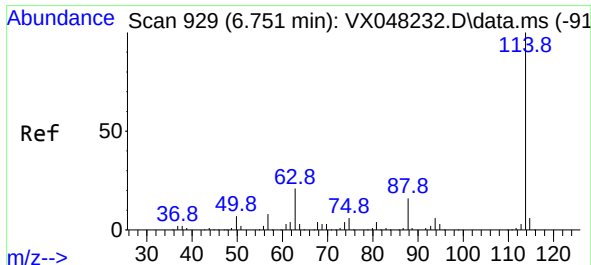
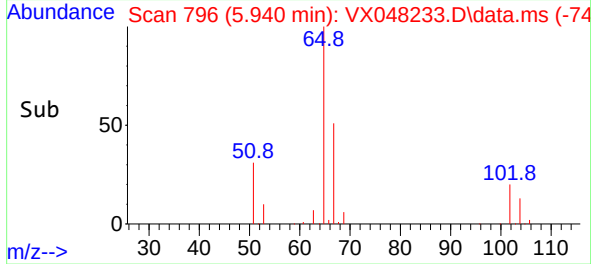
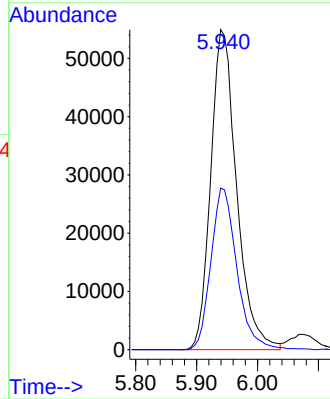
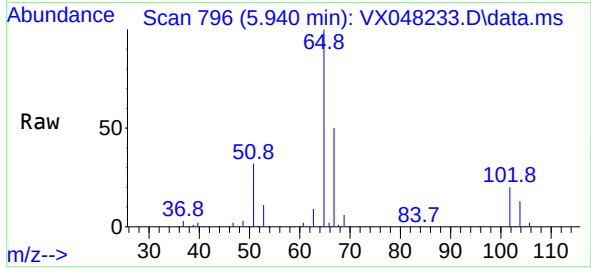




#33
1,2-Dichloroethane-d4
Concen: 98.406 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

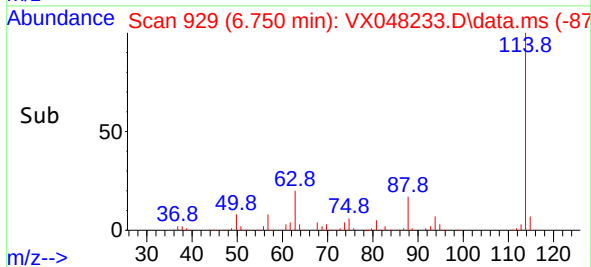
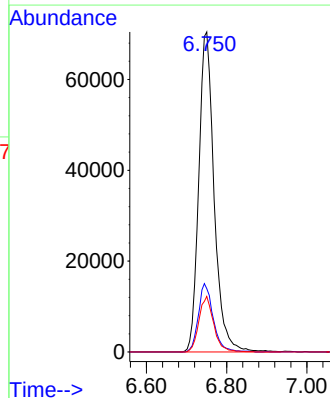
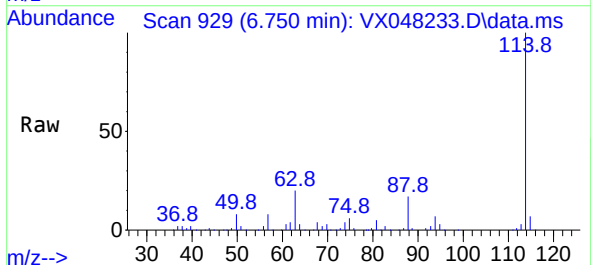
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

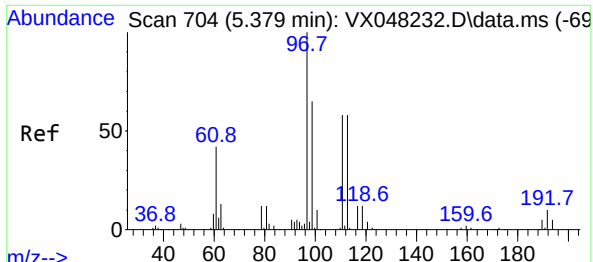
Tgt Ion: 65 Resp: 162188
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.750 min Scan# 929
Delta R.T. 0.005 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

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

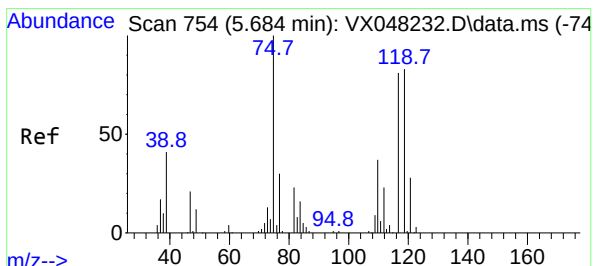
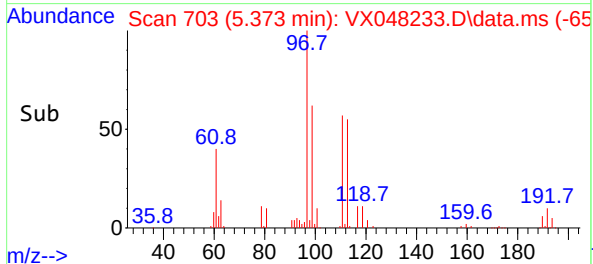
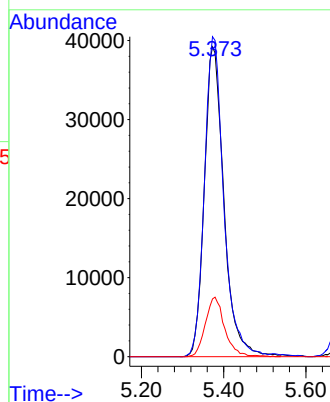
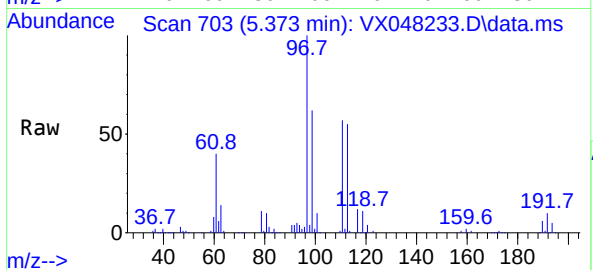




#35
Dibromofluoromethane
Concen: 101.351 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

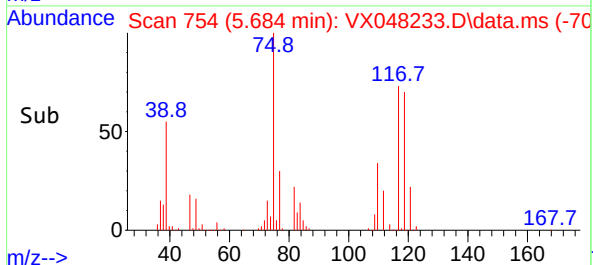
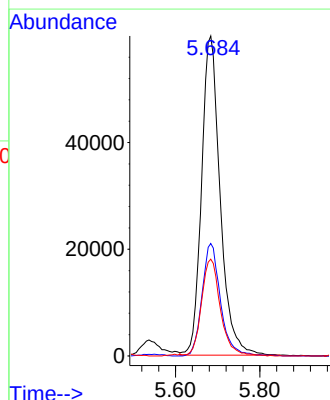
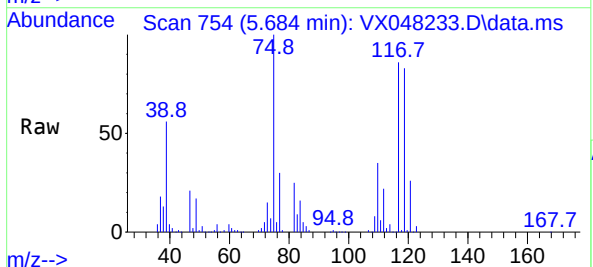
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

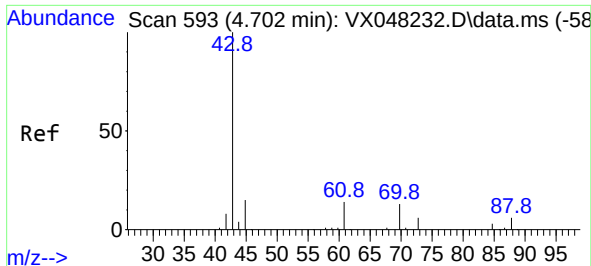
Tgt Ion:113 Resp: 129919
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.4
192 19.0 15.1 22.7



#36
1,1-Dichloropropene
Concen: 100.953 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

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



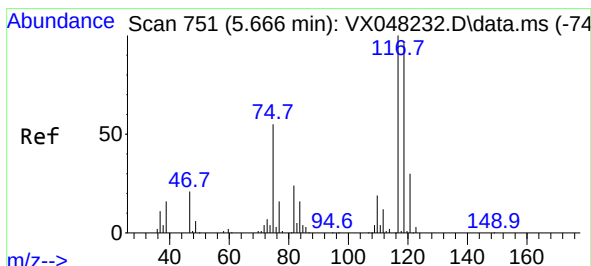
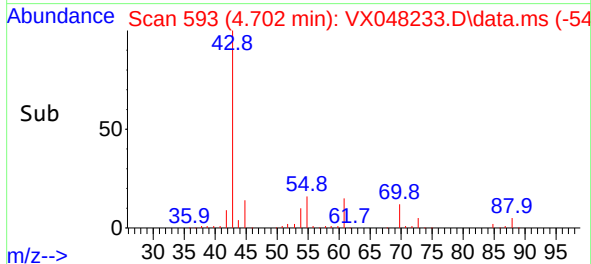
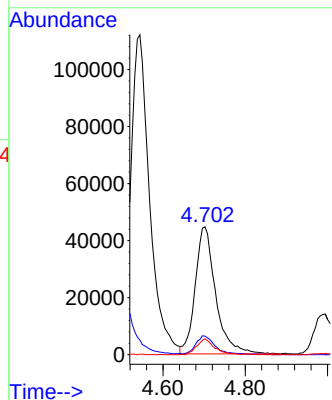
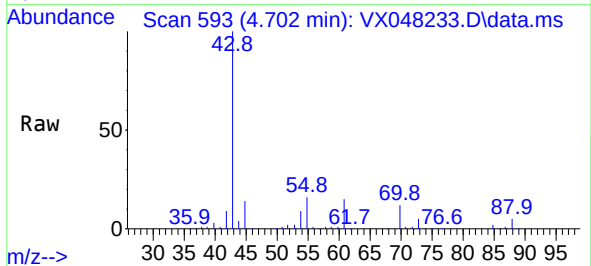


#37
Ethyl Acetate
Concen: 101.872 ug/l
RT: 4.702 min Scan# 593
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 153844

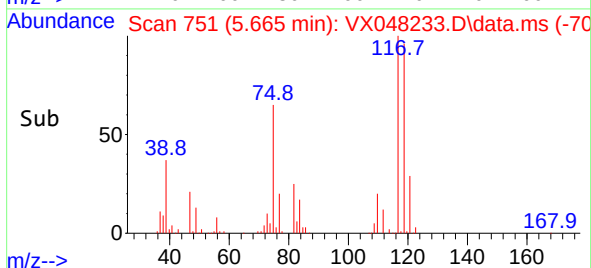
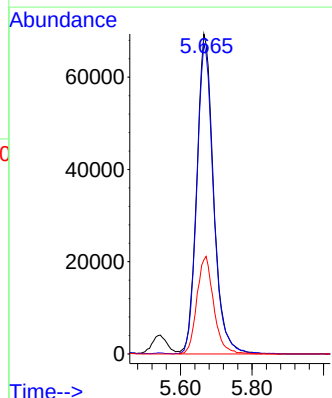
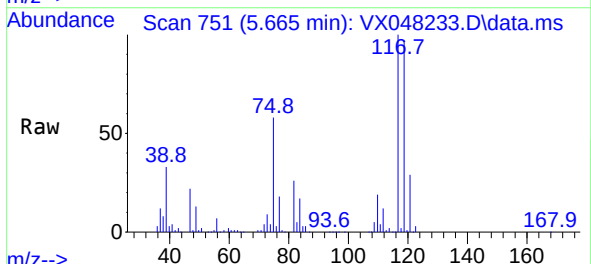
Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.6	15.8
70	10.7	7.8	11.6

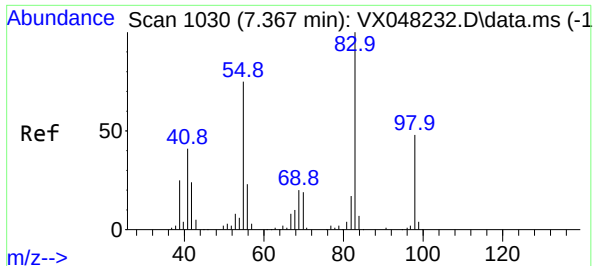


#38
Carbon Tetrachloride
Concen: 100.976 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 117 Resp: 226976

Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.2	115.8
121	29.4	24.8	37.2

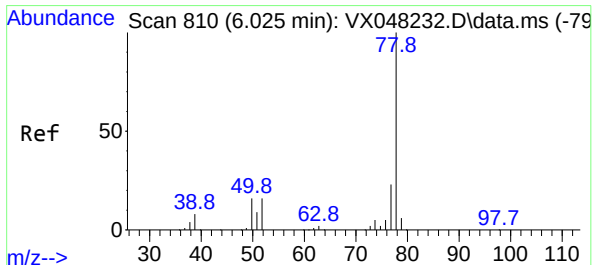
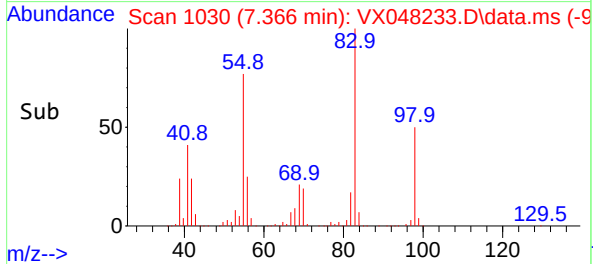
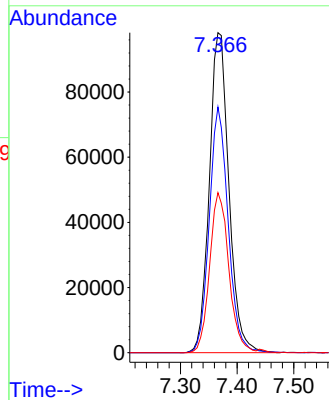
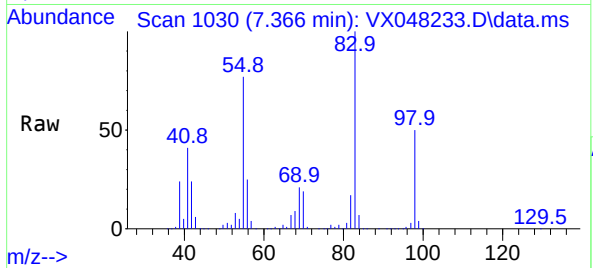




#39
Methylcyclohexane
Concen: 109.312 ug/l
RT: 7.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

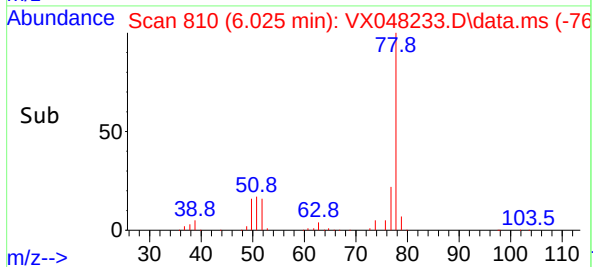
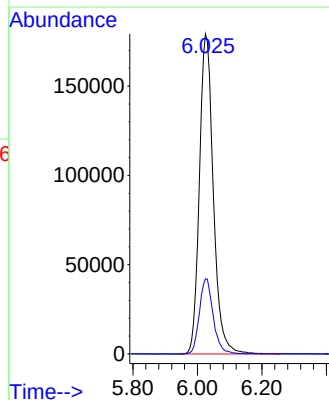
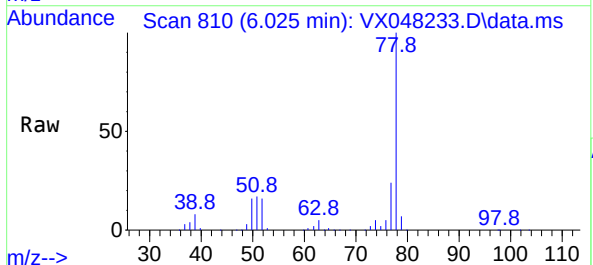
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

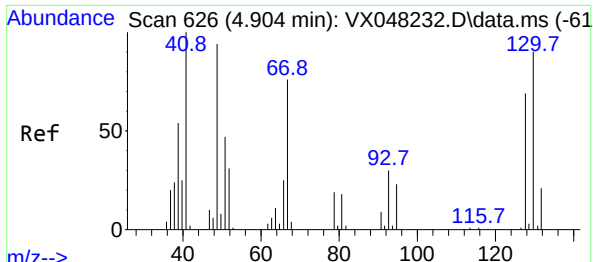
Tgt Ion: 83 Resp: 235208
Ion Ratio Lower Upper
83 100
55 76.8 66.2 99.2
98 50.0 38.9 58.3



#40
Benzene
Concen: 101.216 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

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



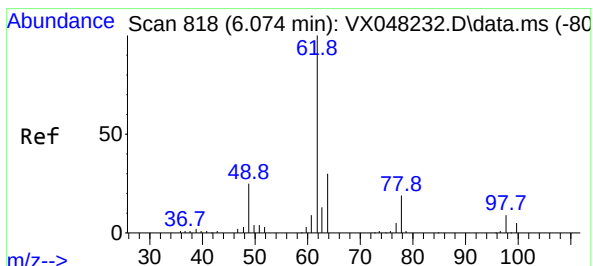
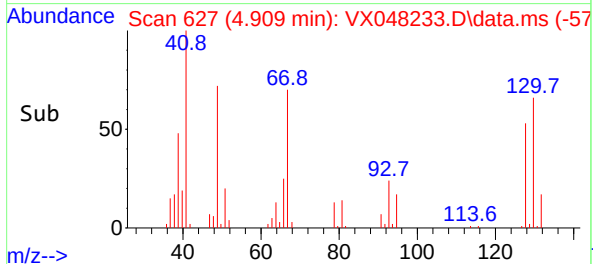
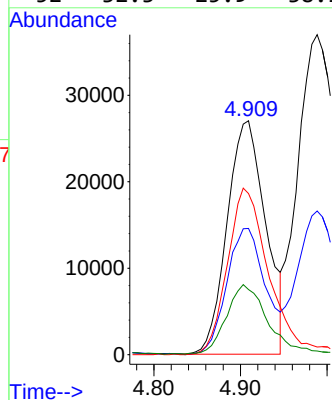
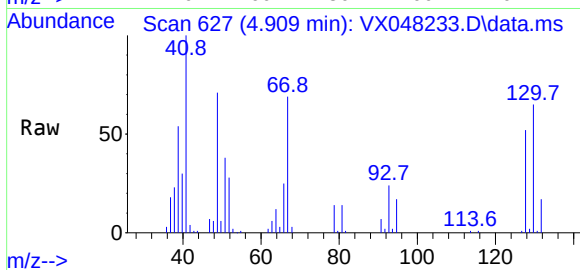


#41
Methacrylonitrile
Concen: 105.653 ug/l
RT: 4.909 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 41 Resp: 83790

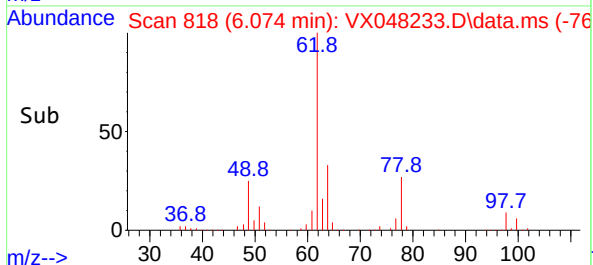
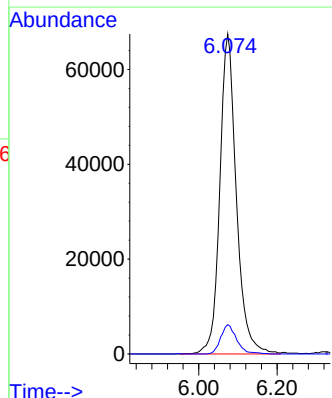
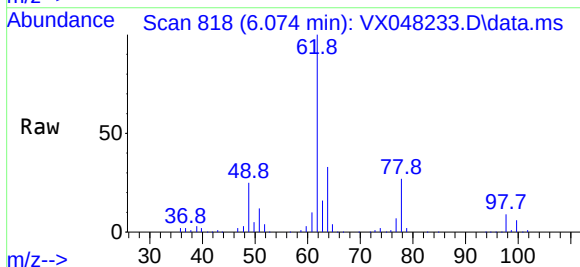
Ion	Ratio	Lower	Upper
41	100		
39	54.4	44.0	66.0
67	77.7	58.7	88.1
52	32.3	25.9	38.9

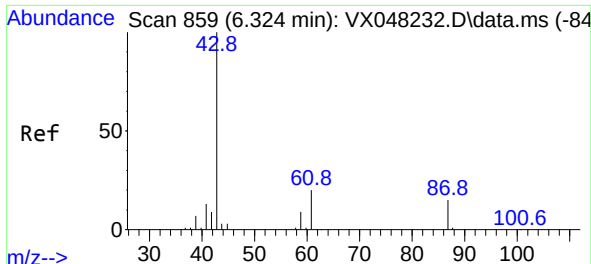


#42
1,2-Dichloroethane
Concen: 101.616 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 62 Resp: 198348

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.2

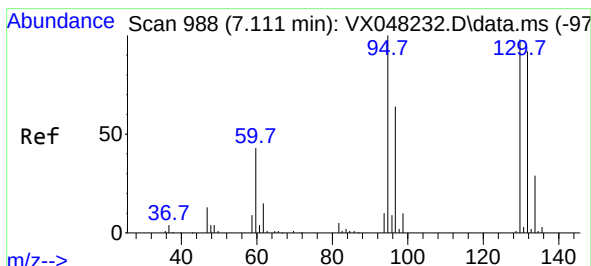
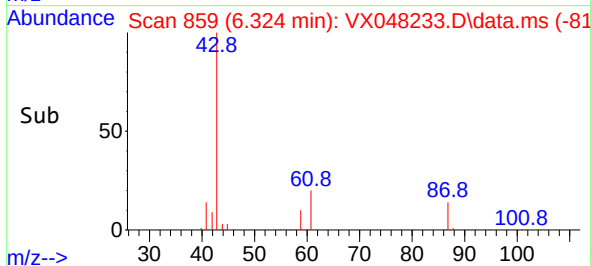
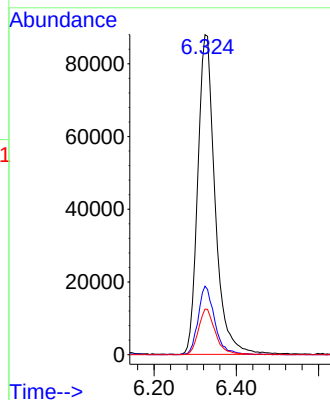
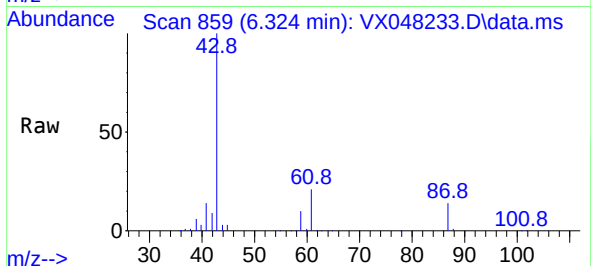




#43
Isopropyl Acetate
Concen: 103.227 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

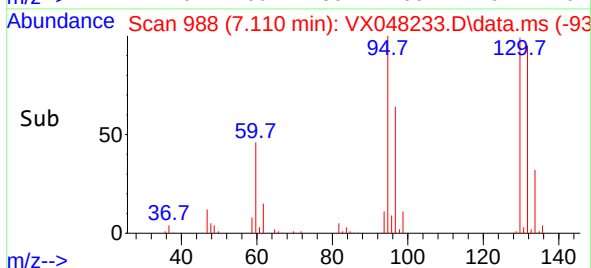
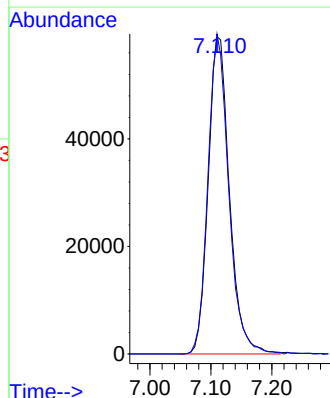
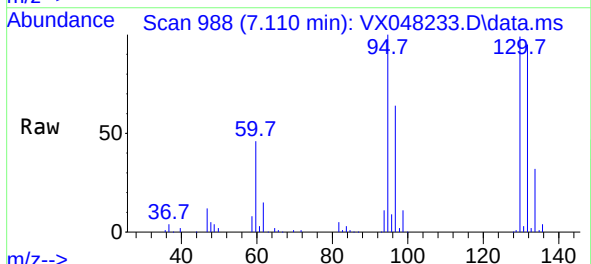
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

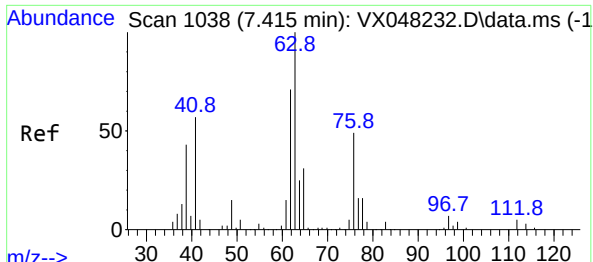
Tgt Ion: 43 Resp: 256067
Ion Ratio Lower Upper
43 100
61 20.5 14.9 22.3
87 14.0 9.4 14.2



#44
Trichloroethene
Concen: 102.221 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

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





#45

1,2-Dichloropropane

Concen: 103.516 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

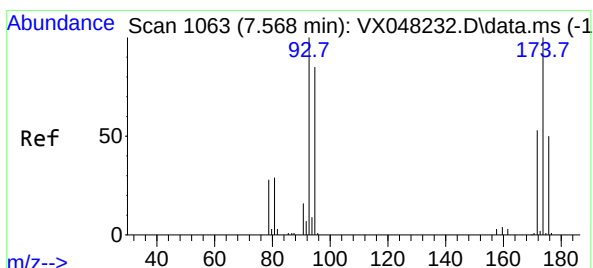
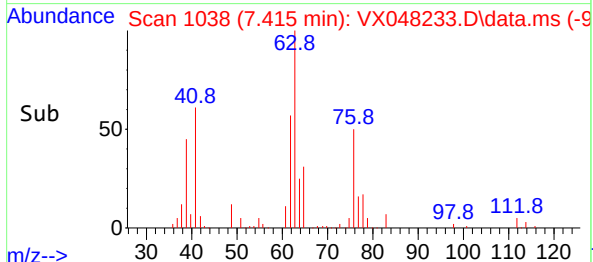
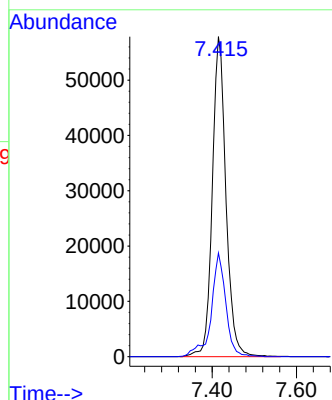
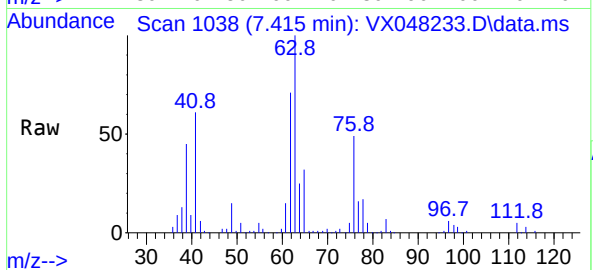
VSTDICC100

Tgt Ion: 63 Resp: 130188

Ion Ratio Lower Upper

63 100

65 32.4 24.1 36.1



#46

Dibromomethane

Concen: 100.126 ug/l

RT: 7.567 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

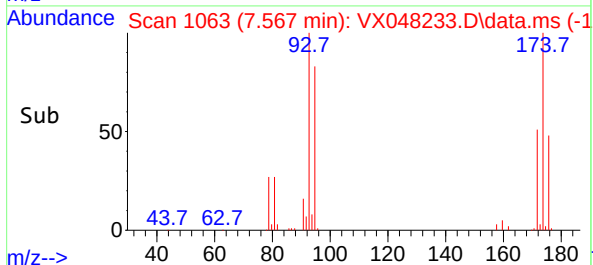
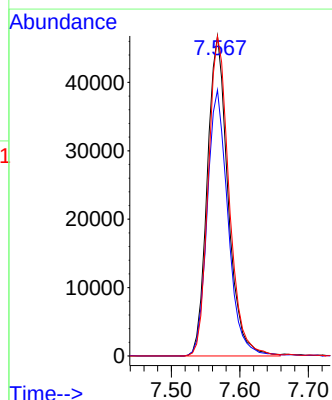
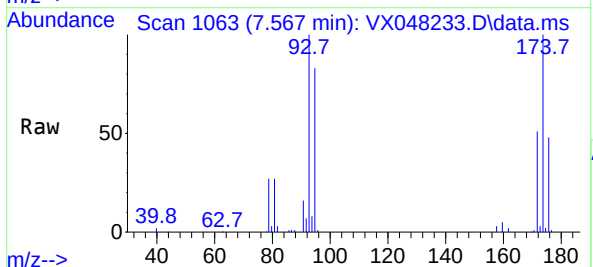
Tgt Ion: 93 Resp: 98105

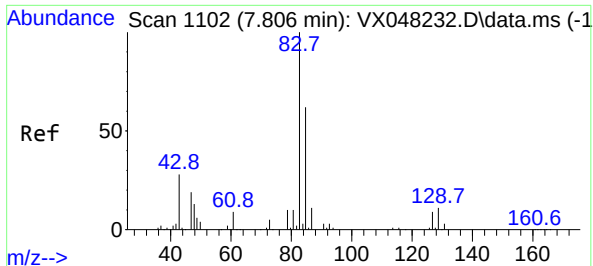
Ion Ratio Lower Upper

93 100

95 83.4 65.9 98.9

174 100.3 71.7 107.5

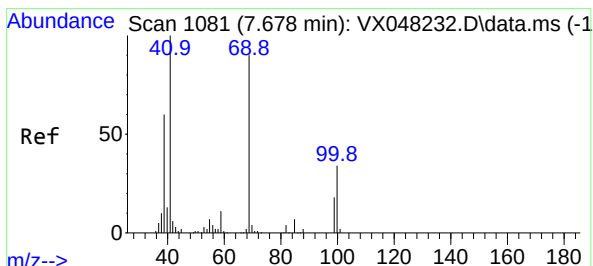
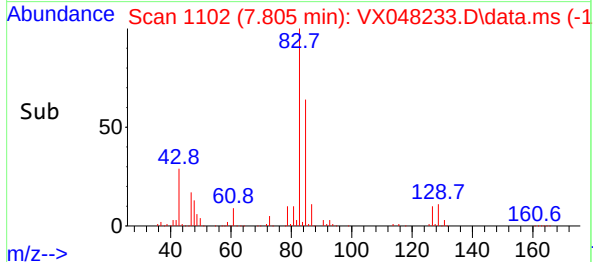
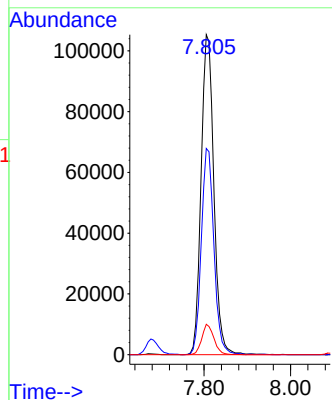
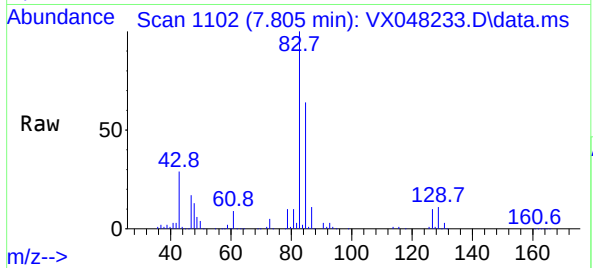




#47
Bromodichloromethane
Concen: 101.770 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

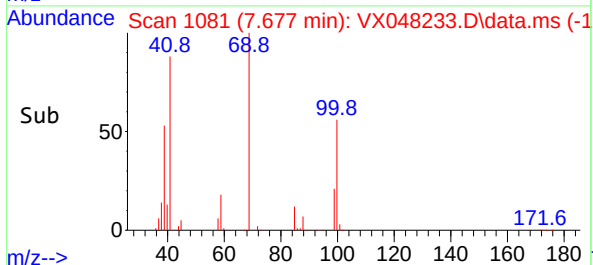
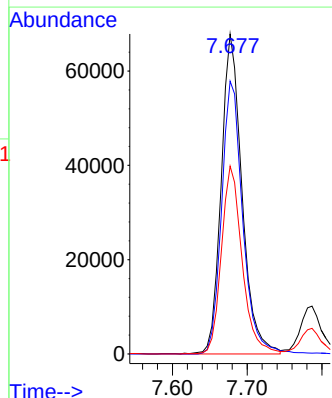
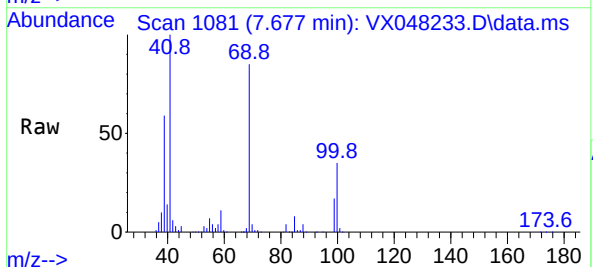
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

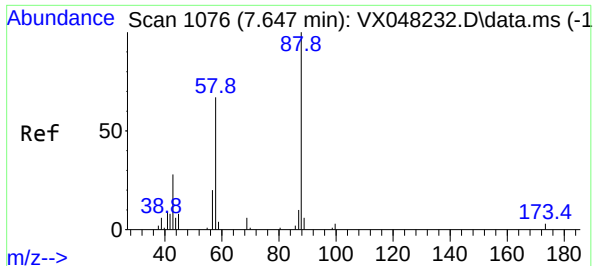
Tgt Ion: 83 Resp: 215302
Ion Ratio Lower Upper
83 100
85 64.4 52.2 78.4
127 9.5 7.3 10.9



#48
Methyl methacrylate
Concen: 105.017 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

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





#49

1,4-Dioxane

Concen: 2175.223 ug/l

RT: 7.647 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

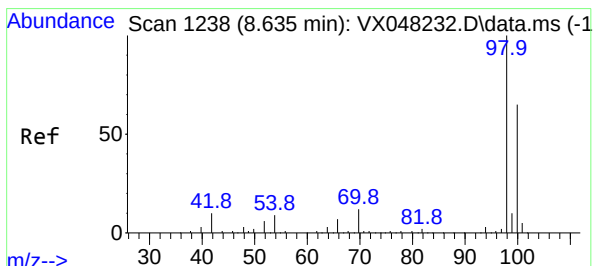
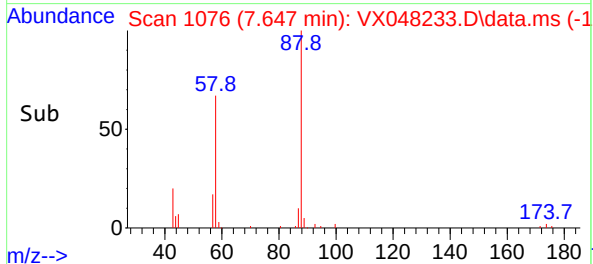
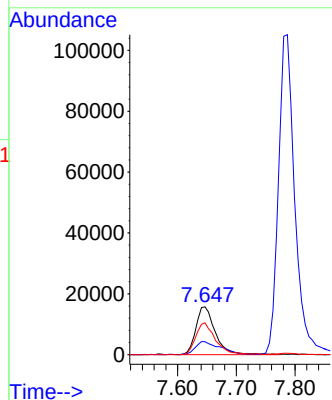
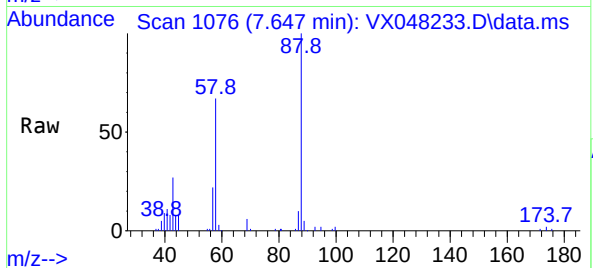
Tgt Ion: 88 Resp: 35972

Ion Ratio Lower Upper

88 100

43 36.6 35.0 52.4

58 68.4 61.9 92.9



#50

Toluene-d8

Concen: 99.920 ug/l

RT: 8.634 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048233.D

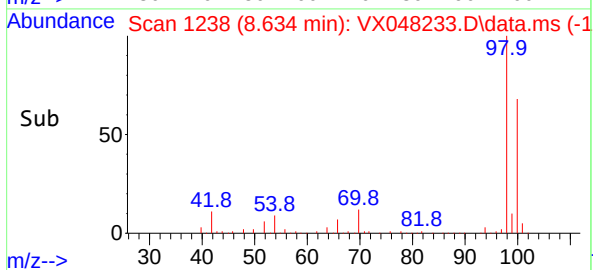
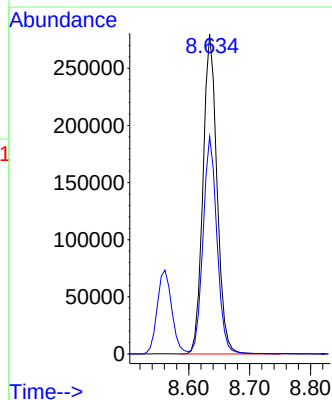
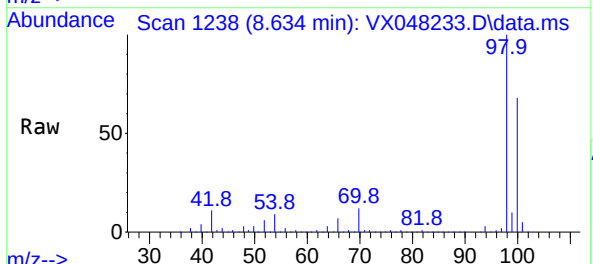
Acq: 20 Oct 2025 12:22

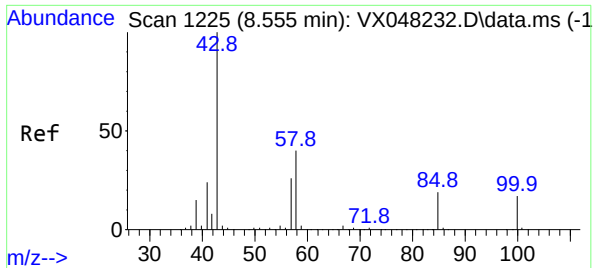
Tgt Ion: 98 Resp: 448948

Ion Ratio Lower Upper

98 100

100 67.3 53.0 79.4

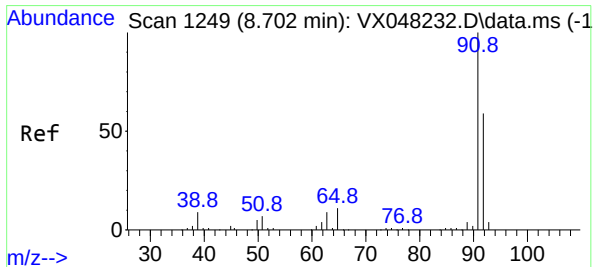
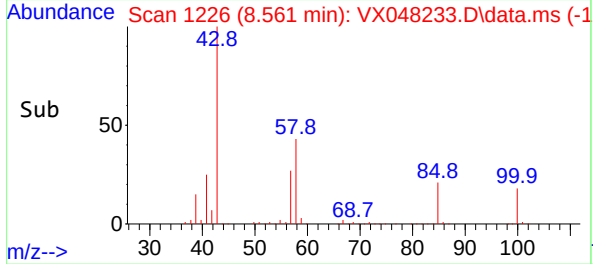
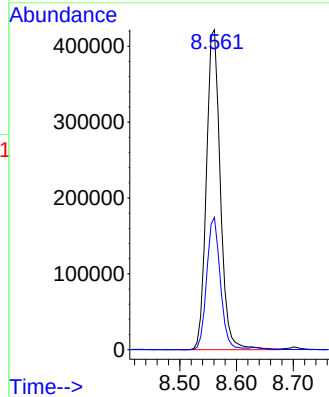
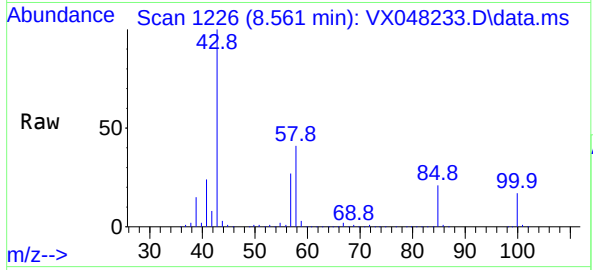




#51
4-Methyl-2-Pentanone
Concen: 504.097 ug/l
RT: 8.561 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

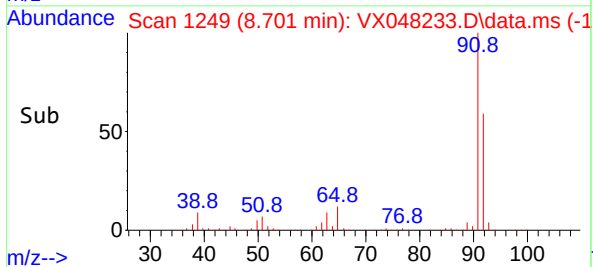
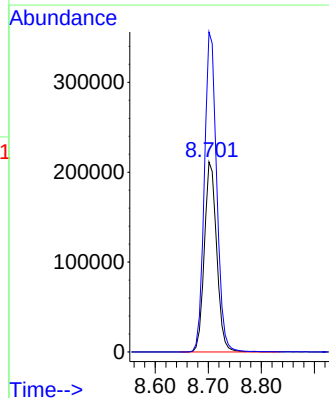
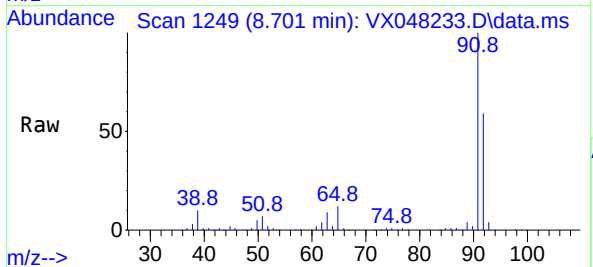
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

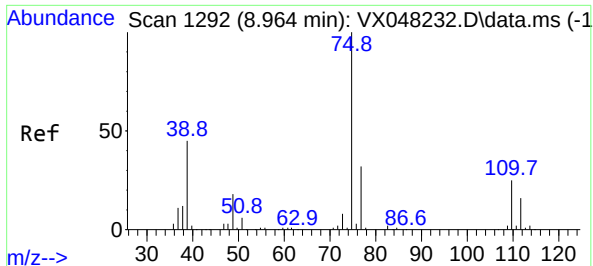
Tgt Ion: 43 Resp: 720980
Ion Ratio Lower Upper
43 100
58 40.4 29.5 44.3



#52
Toluene
Concen: 101.651 ug/l
RT: 8.701 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

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





#53

t-1,3-Dichloropropene

Concen: 105.820 ug/l

RT: 8.963 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

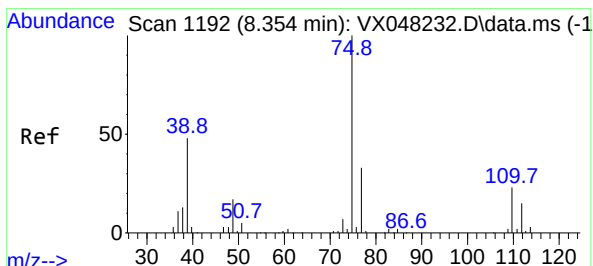
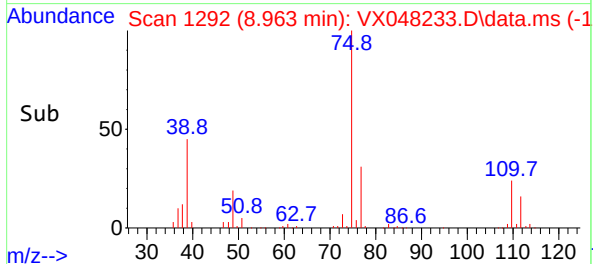
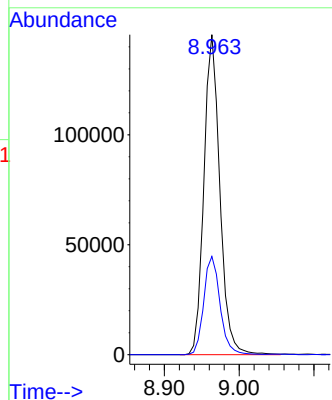
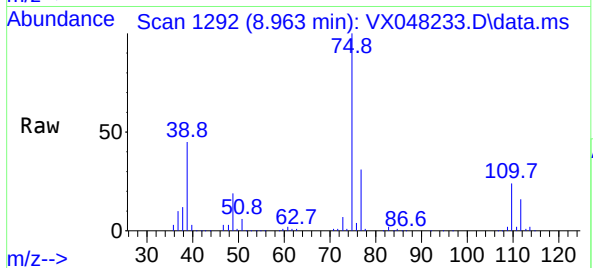
VSTDIC100

Tgt Ion: 75 Resp: 215736

Ion Ratio Lower Upper

75 100

77 30.7 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 105.038 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

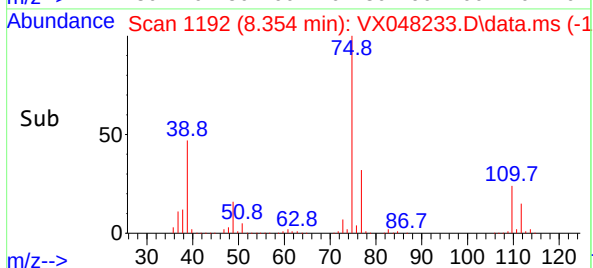
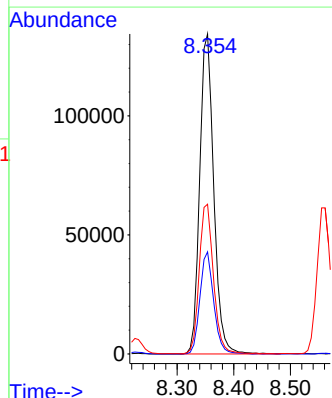
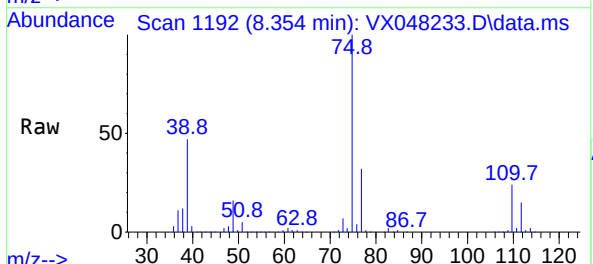
Tgt Ion: 75 Resp: 231037

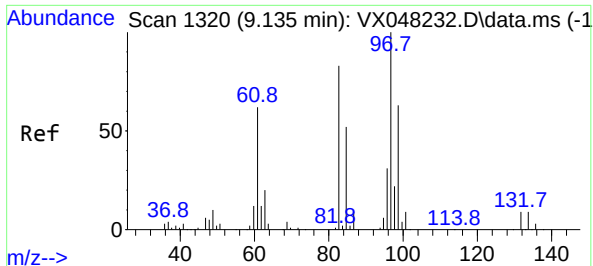
Ion Ratio Lower Upper

75 100

77 31.9 24.9 37.3

39 46.7 42.6 64.0



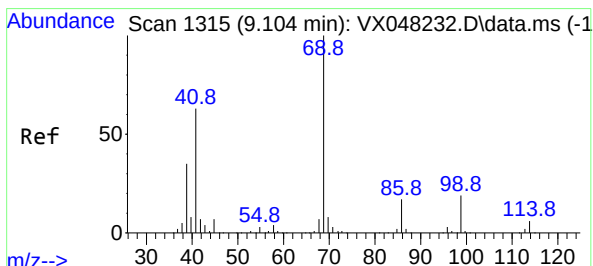
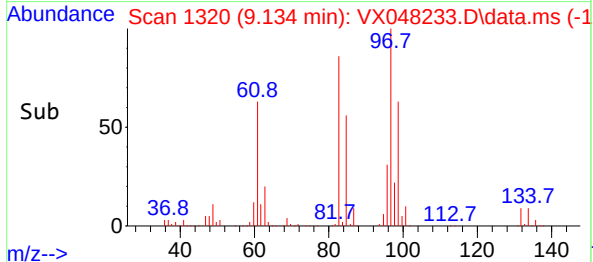
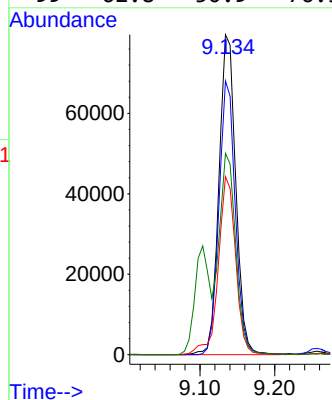
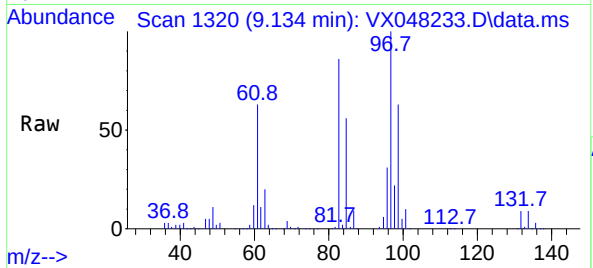


#55
1,1,2-Trichloroethane
Concen: 99.952 ug/l
RT: 9.134 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 97 Resp: 124910

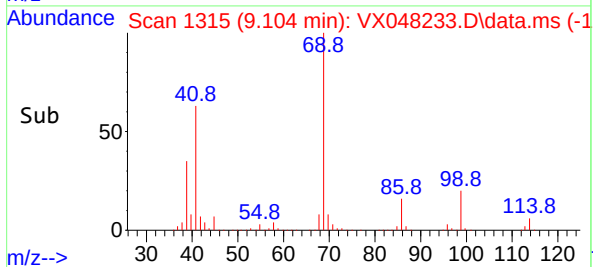
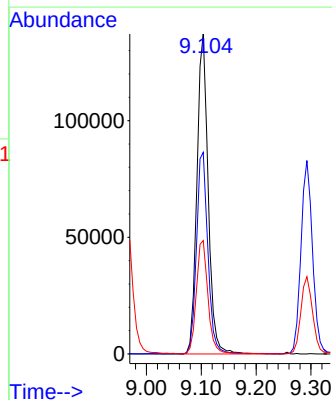
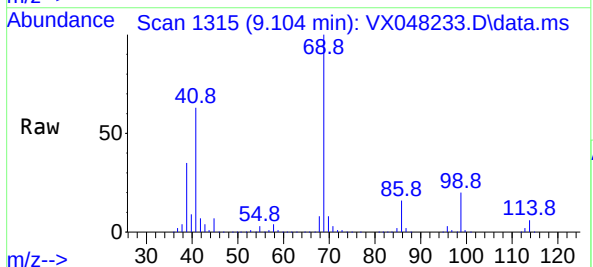
Ion	Ratio	Lower	Upper
97	100		
83	85.5	70.6	105.8
85	55.7	45.0	67.6
99	62.8	50.9	76.3

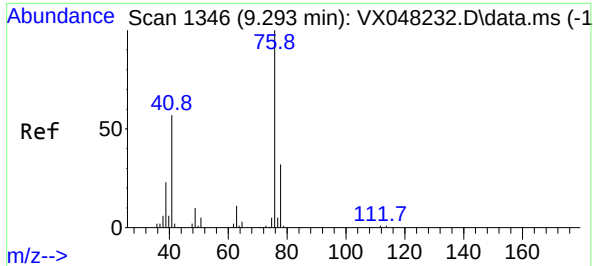


#56
Ethyl methacrylate
Concen: 107.610 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 69 Resp: 196699

Ion	Ratio	Lower	Upper
69	100		
41	64.0	56.0	84.0
39	36.7	31.6	47.4

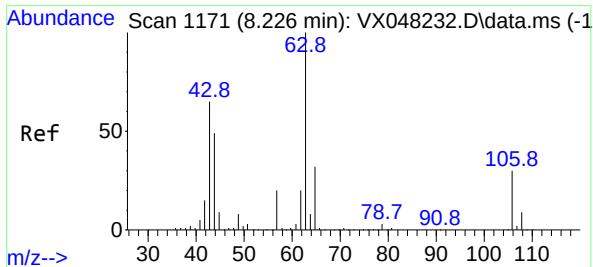
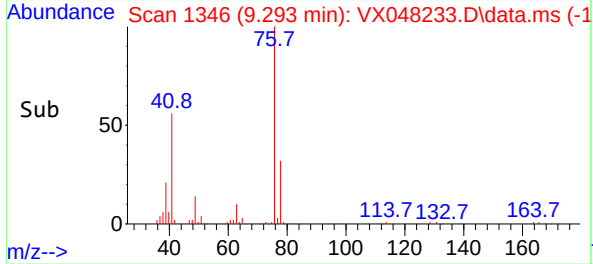
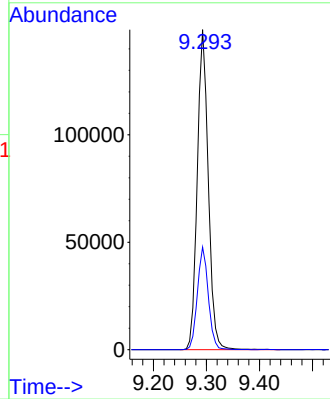
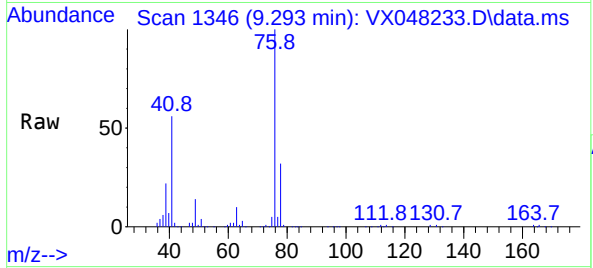




#57
1,3-Dichloropropane
Concen: 100.650 ug/l
RT: 9.293 min Scan# 111
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

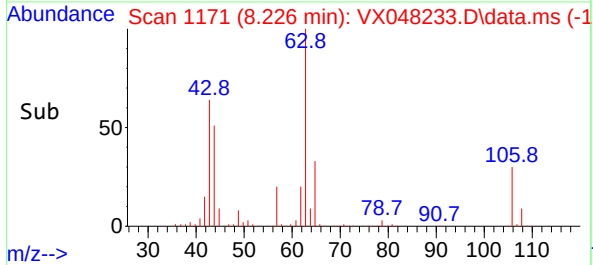
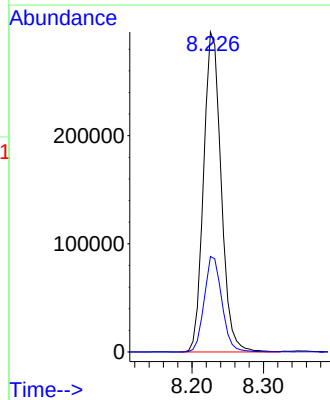
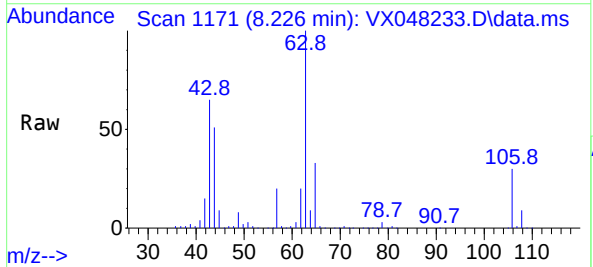
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

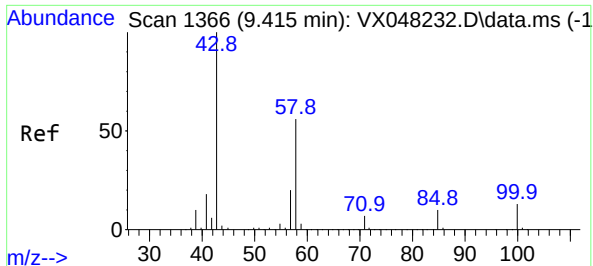
Tgt Ion: 76 Resp: 214853
Ion Ratio Lower Upper
76 100
78 31.9 25.4 38.0



#58
2-Chloroethyl Vinyl ether
Concen: 512.470 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

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

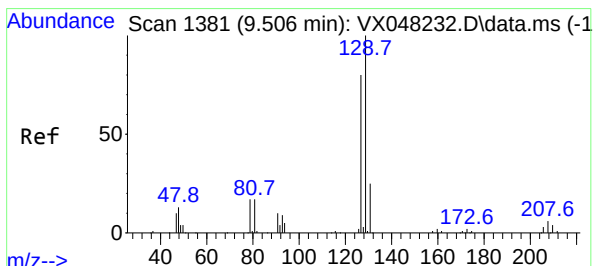
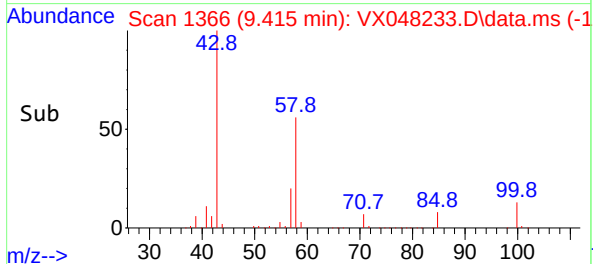
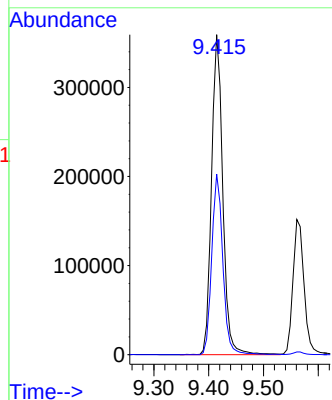
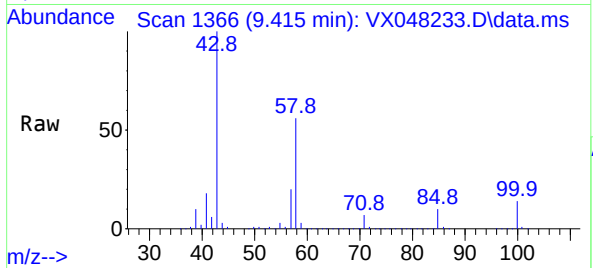




#59
2-Hexanone
Concen: 510.781 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

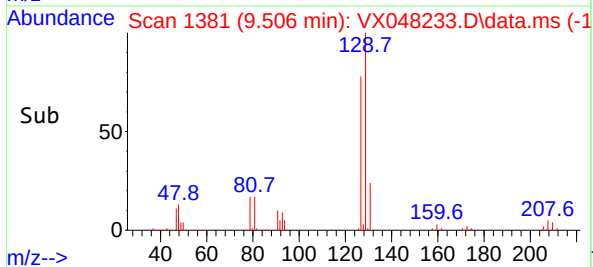
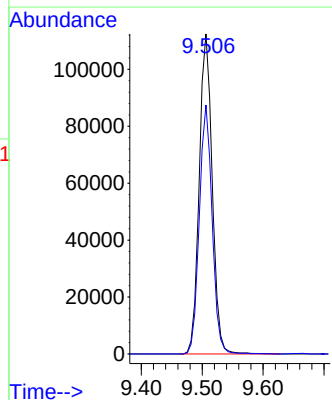
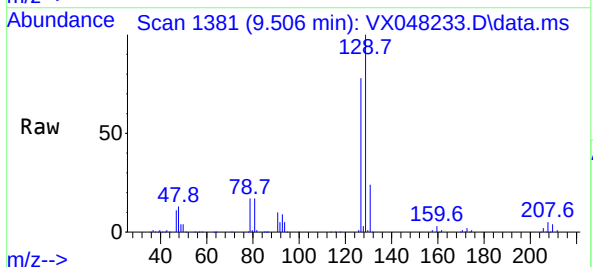
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

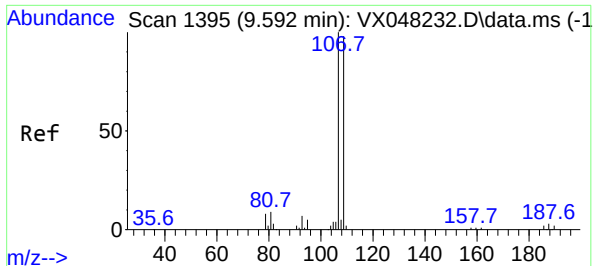
Tgt Ion: 43 Resp: 509398
Ion Ratio Lower Upper
43 100
58 55.8 26.3 78.8



#60
Dibromochloromethane
Concen: 98.928 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

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





#61

1,2-Dibromoethane

Concen: 101.077 ug/l

RT: 9.591 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

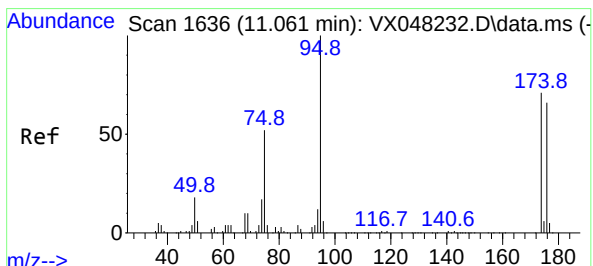
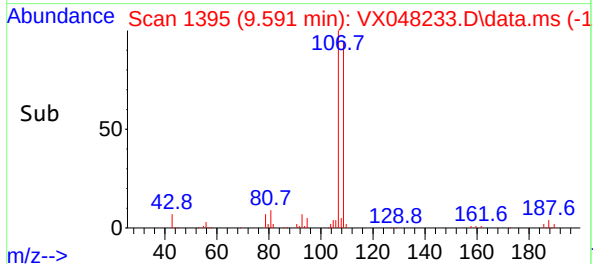
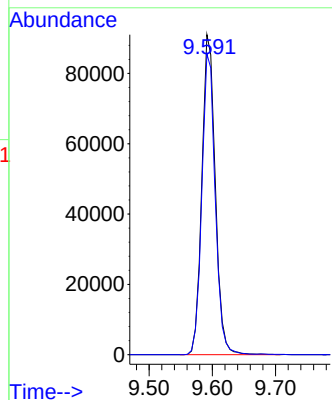
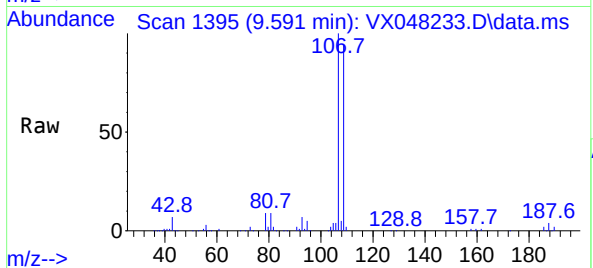
VSTDIC100

Tgt Ion:107 Resp: 134662

Ion Ratio Lower Upper

107 100

109 93.7 77.0 115.4



#62

4-Bromofluorobenzene

Concen: 98.032 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

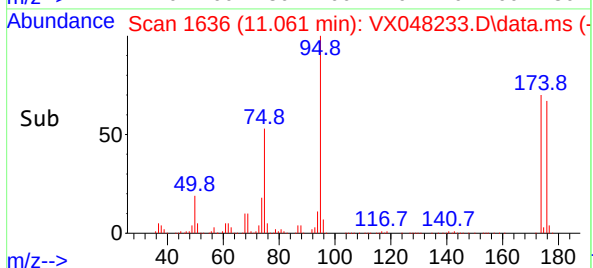
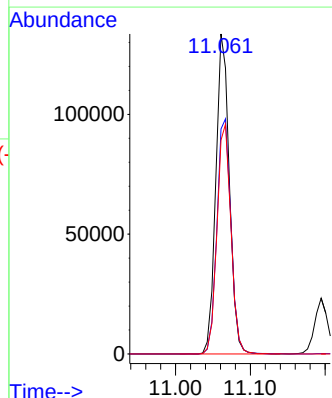
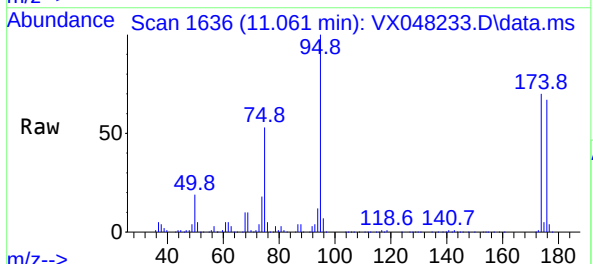
Tgt Ion: 95 Resp: 167565

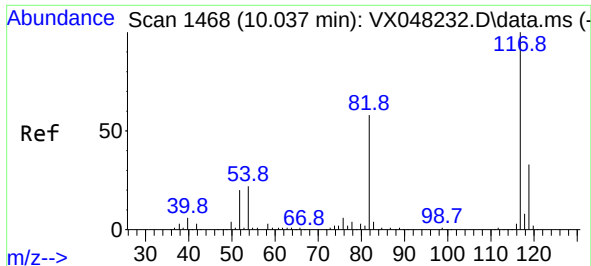
Ion Ratio Lower Upper

95 100

174 76.3 0.0 147.8

176 74.1 0.0 142.8

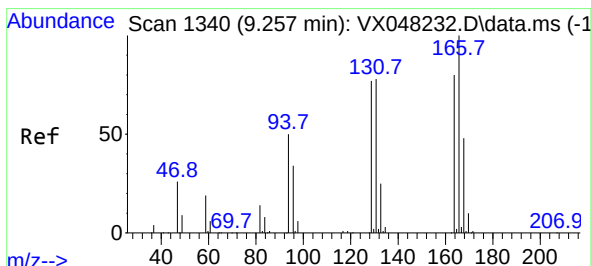
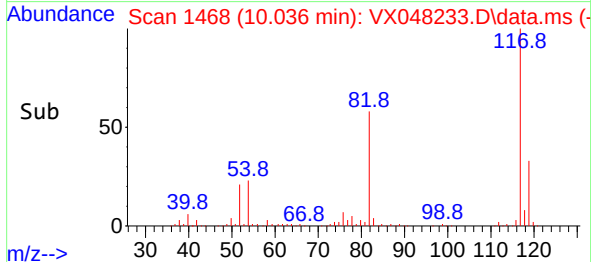
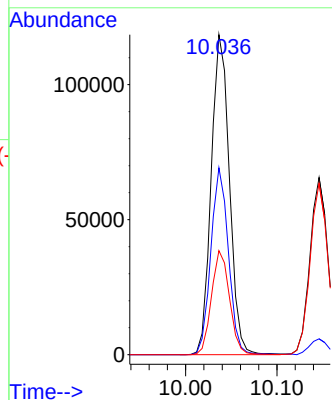
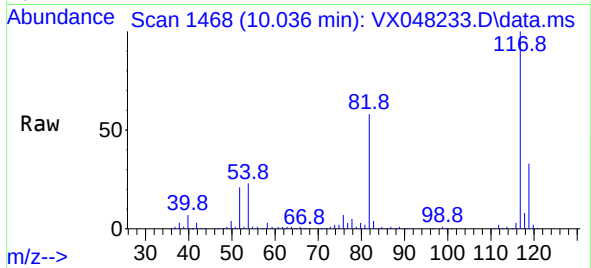




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

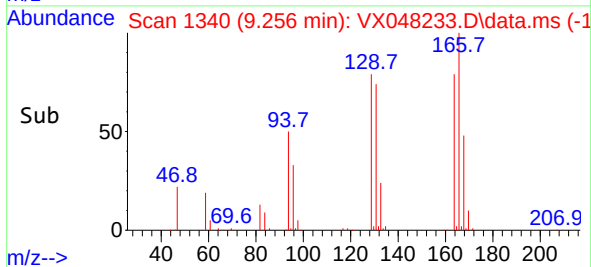
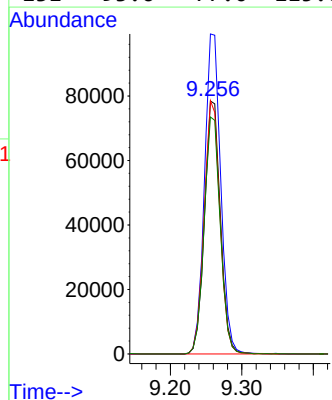
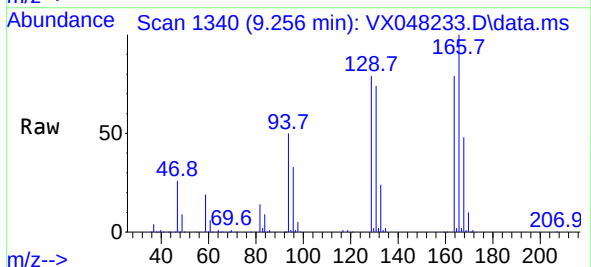
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

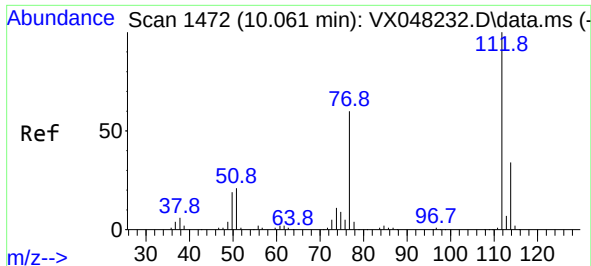
Tgt Ion:117 Resp: 163588
Ion Ratio Lower Upper
117 100
82 58.4 46.5 69.7
119 32.5 25.9 38.9



#64
Tetrachloroethene
Concen: 99.215 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

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

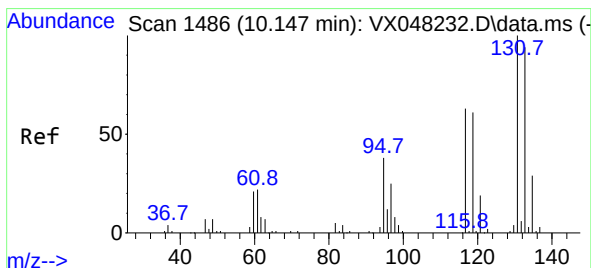
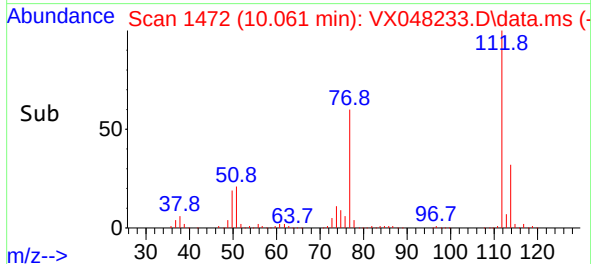
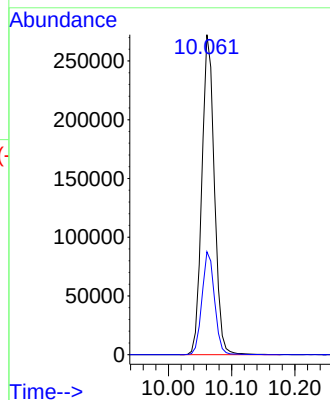
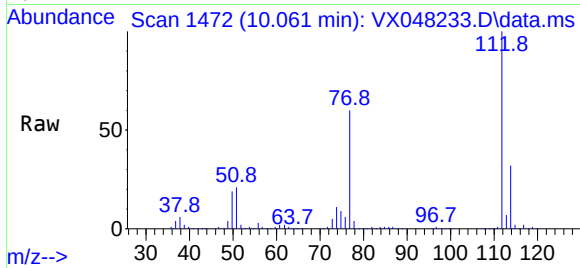




#65
Chlorobenzene
Concen: 102.048 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

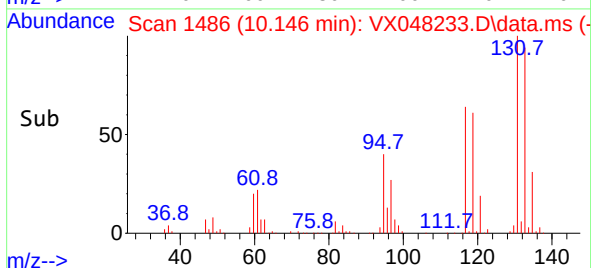
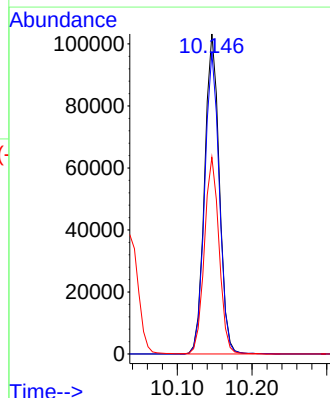
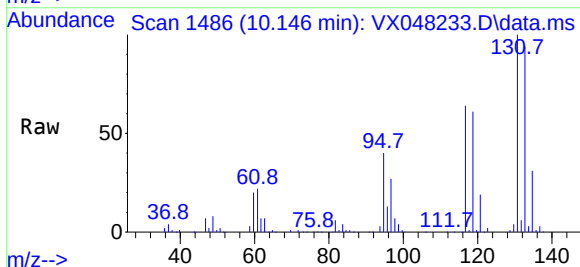
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

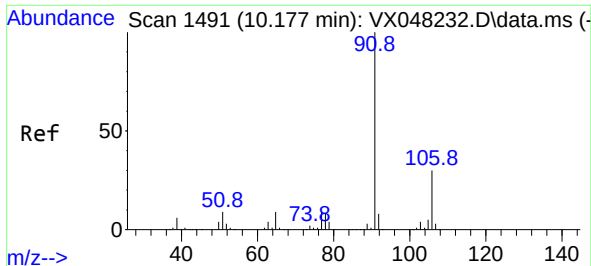
Tgt Ion:112 Resp: 375532
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 104.022 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

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

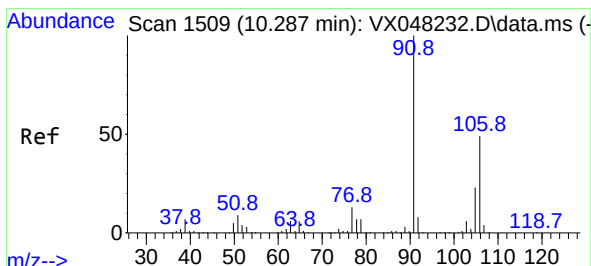
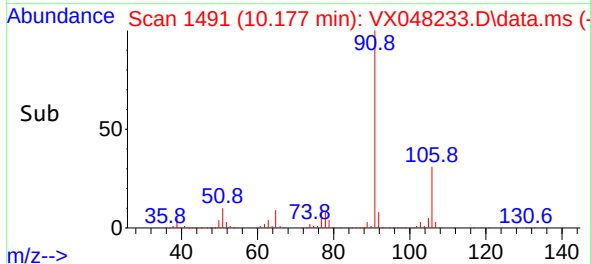
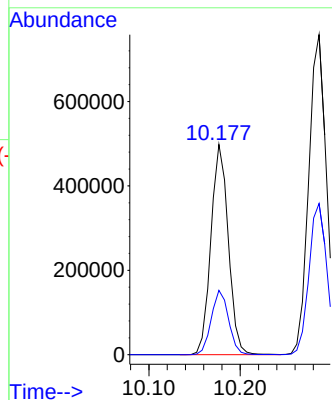
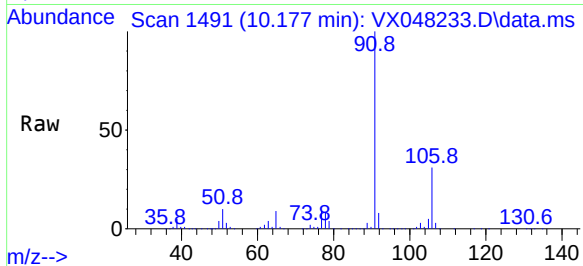




#67
Ethyl Benzene
Concen: 104.850 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

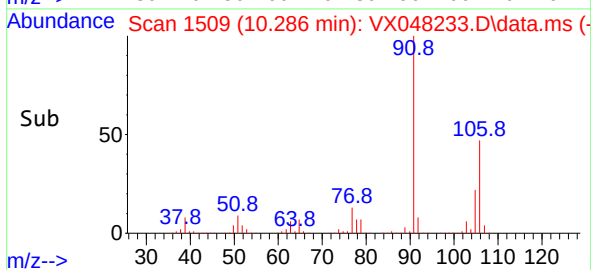
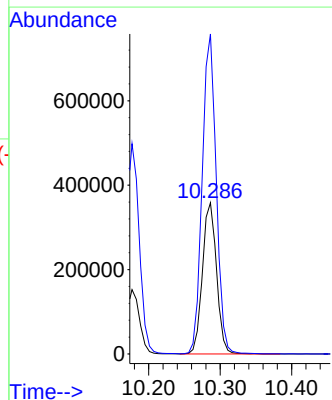
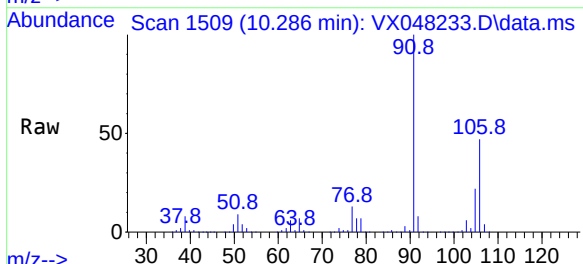
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

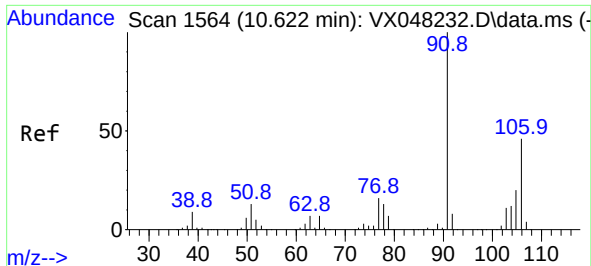
Tgt Ion: 91 Resp: 656925
Ion Ratio Lower Upper
91 100
106 30.6 23.8 35.6



#68
m/p-Xylenes
Concen: 210.869 ug/l
RT: 10.286 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

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

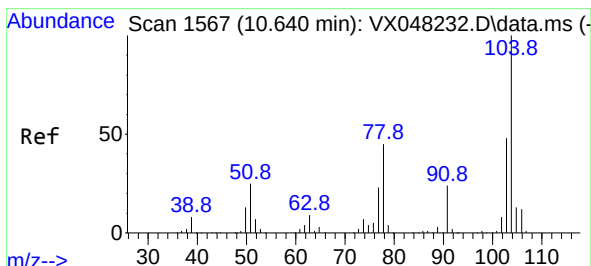
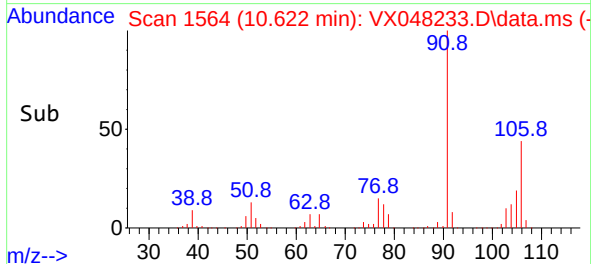
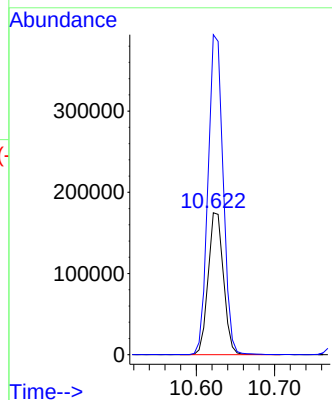
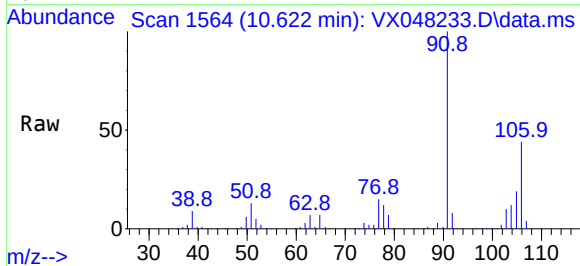




#69
o-Xylene
Concen: 105.297 ug/l
RT: 10.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

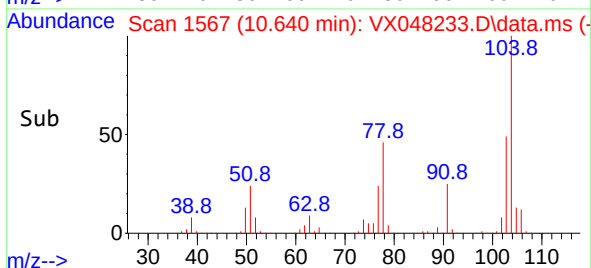
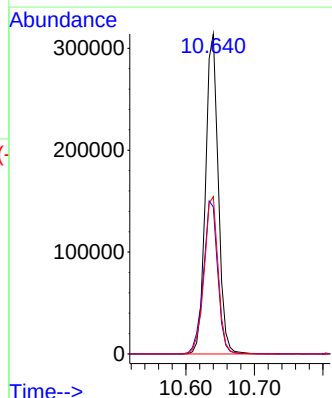
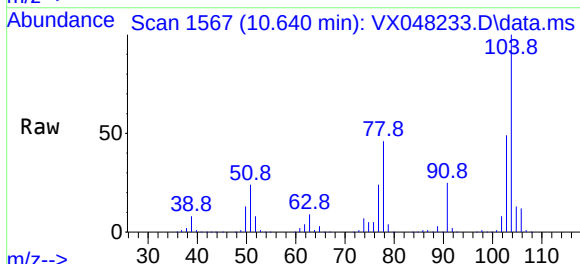
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

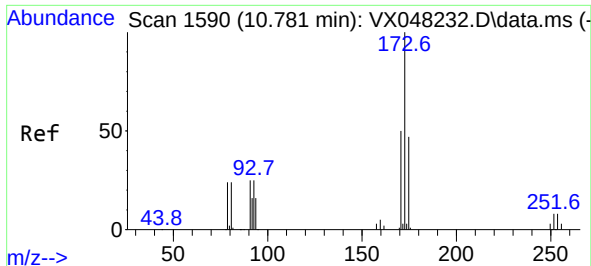
Tgt Ion:106 Resp: 236648
Ion Ratio Lower Upper
106 100
91 222.9 111.3 333.9



#70
Styrene
Concen: 106.594 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

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

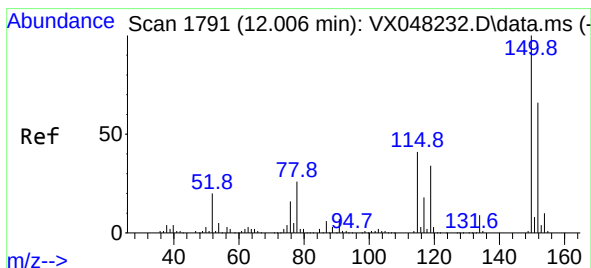
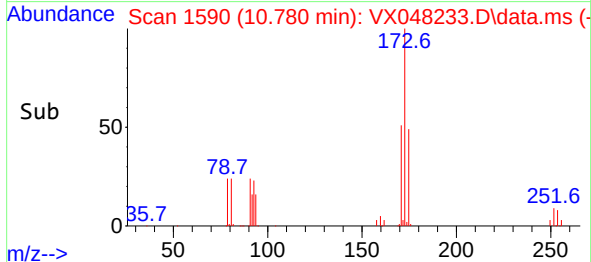
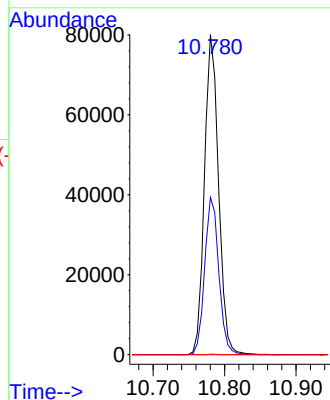
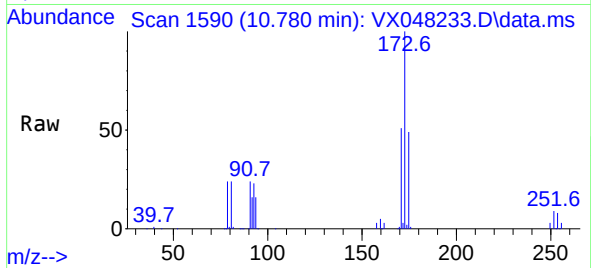




#71
Bromoform
Concen: 101.467 ug/l
RT: 10.780 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

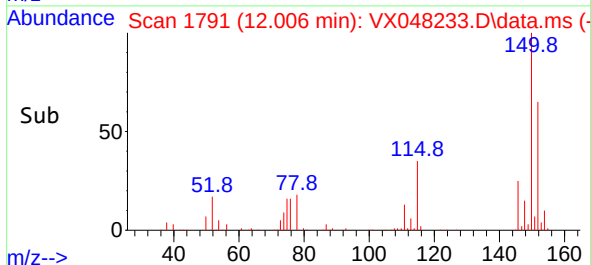
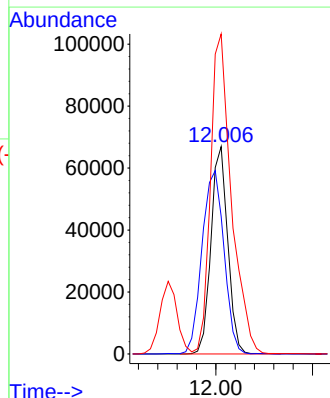
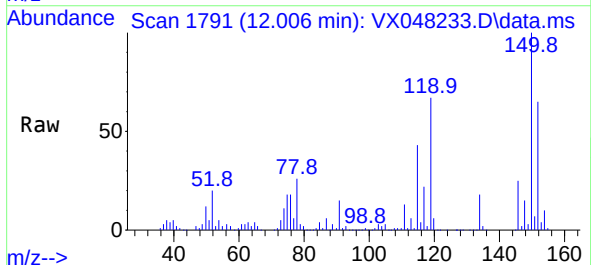
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

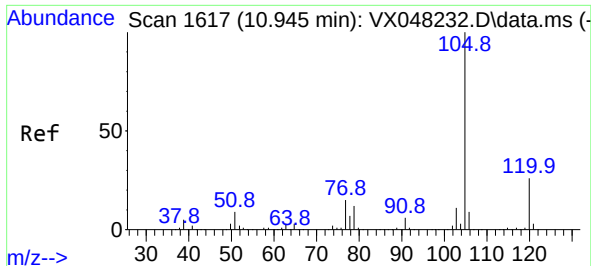
Tgt Ion:173 Resp: 109613
Ion Ratio Lower Upper
173 100
175 49.4 24.0 72.0
254 0.1 0.0 0.0#



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

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

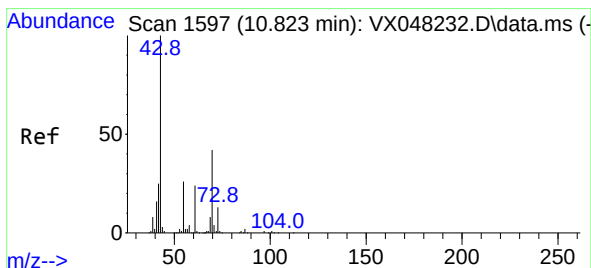
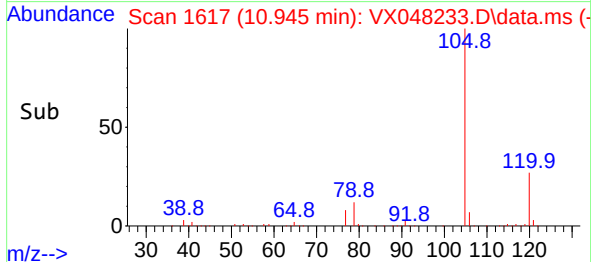
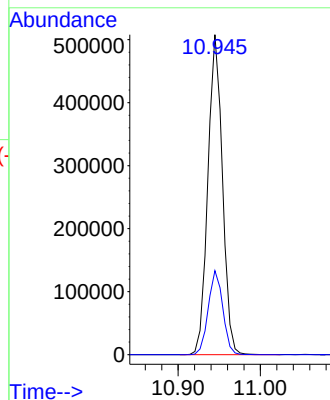
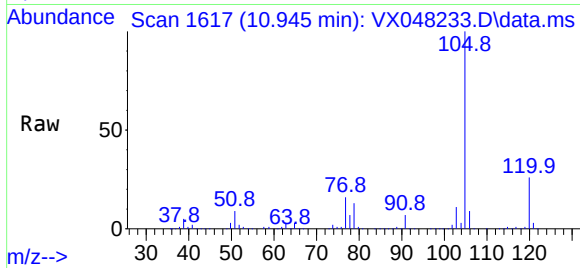




#73
Isopropylbenzene
Concen: 106.098 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

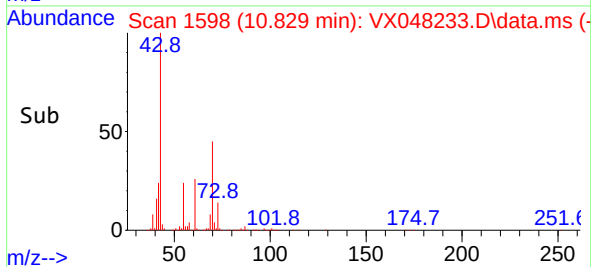
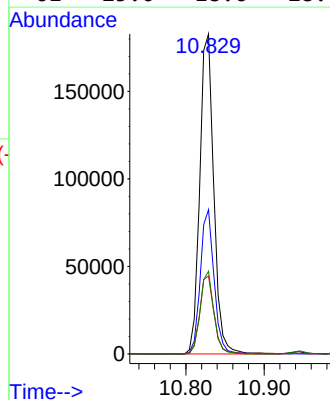
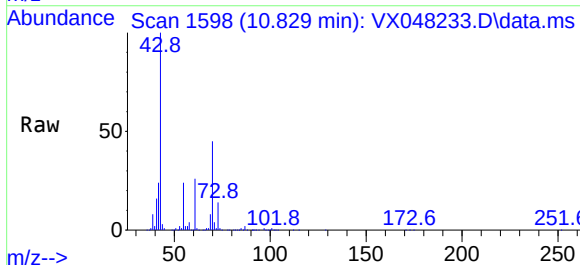
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

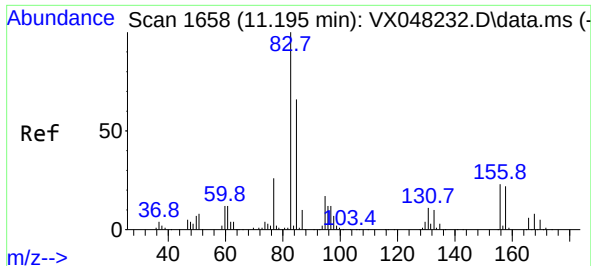
Tgt Ion:105 Resp: 624767
Ion Ratio Lower Upper
105 100
120 26.2 13.0 38.9



#74
N-ethyl acetate
Concen: 109.195 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

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

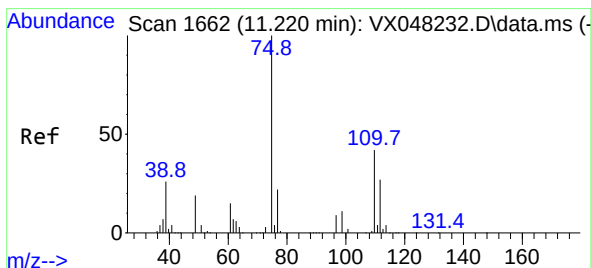
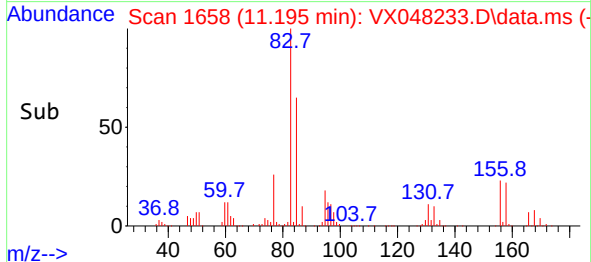
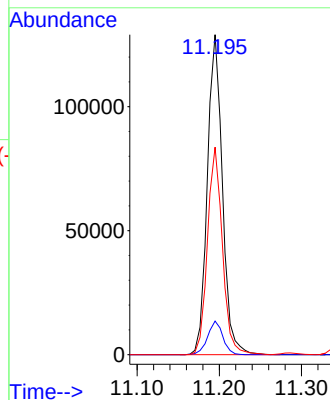
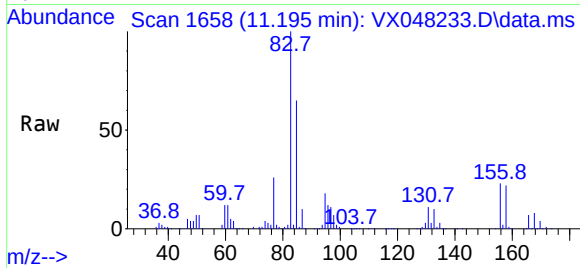




#75
1,1,2,2-Tetrachloroethane
Concen: 102.114 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

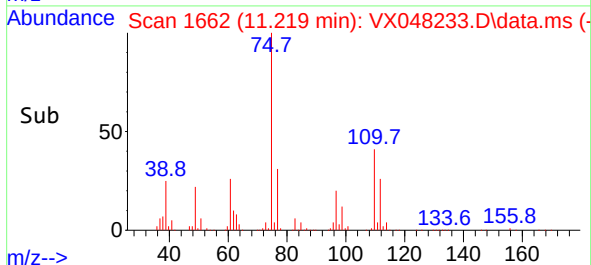
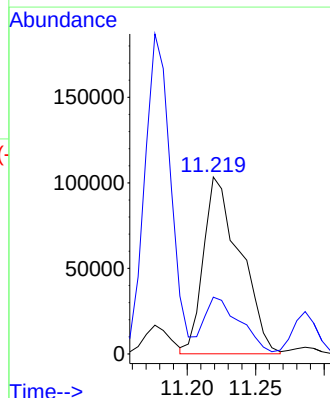
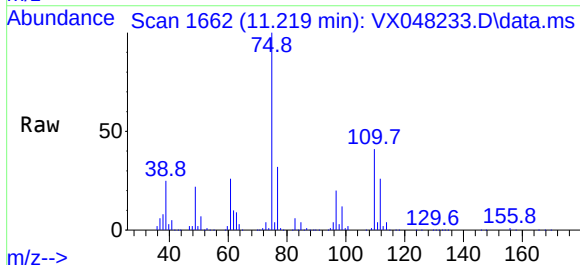
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

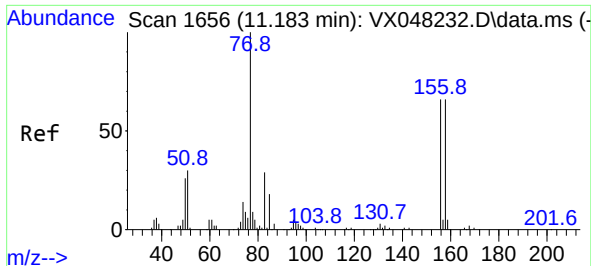
Tgt Ion: 83 Resp: 164207
Ion Ratio Lower Upper
83 100
131 10.6 4.8 14.4
85 64.4 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 147.394 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion: 75 Resp: 192703
Ion Ratio Lower Upper
75 100
77 30.5 22.4 67.2

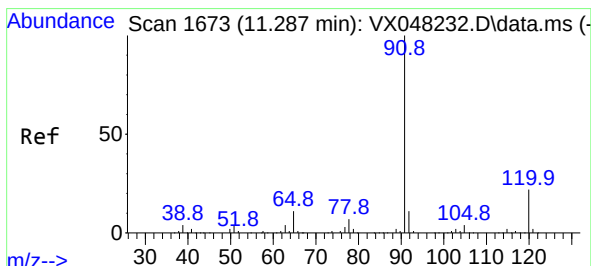
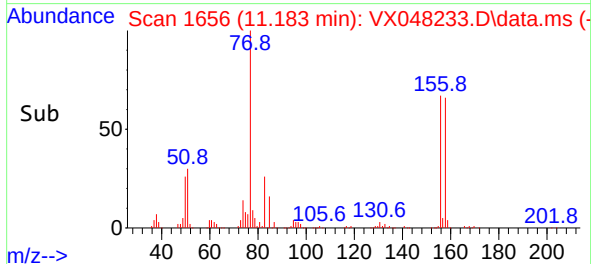
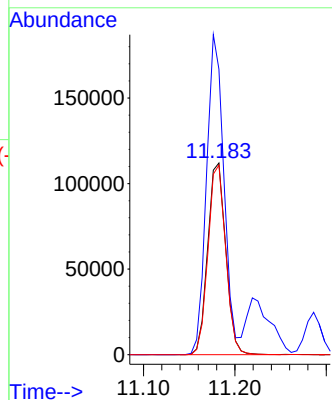
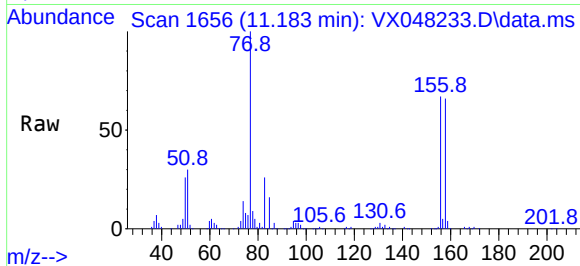




#77
Bromobenzene
Concen: 104.042 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

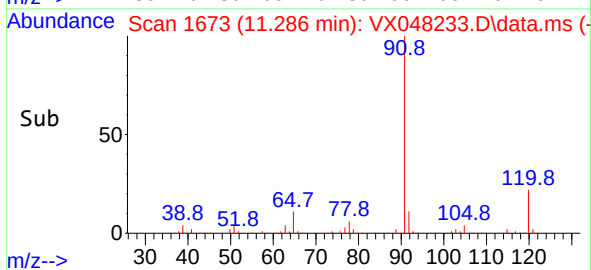
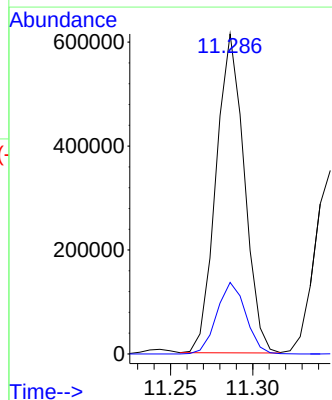
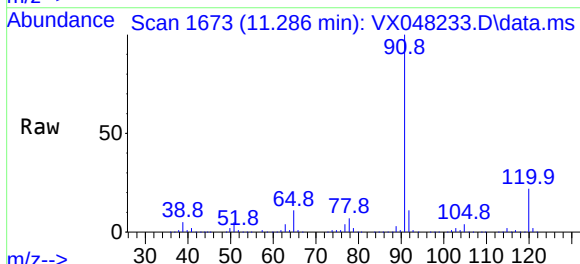
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

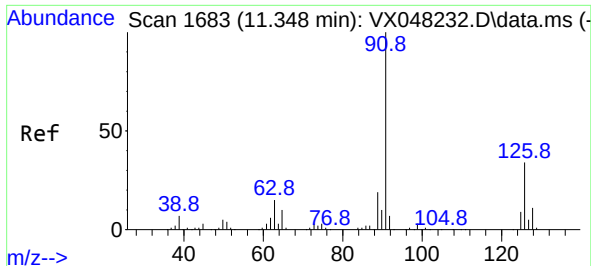
Tgt Ion:156 Resp: 153619
Ion Ratio Lower Upper
156 100
77 159.4 87.0 261.0
158 96.9 47.8 143.4



#78
n-propylbenzene
Concen: 107.464 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

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

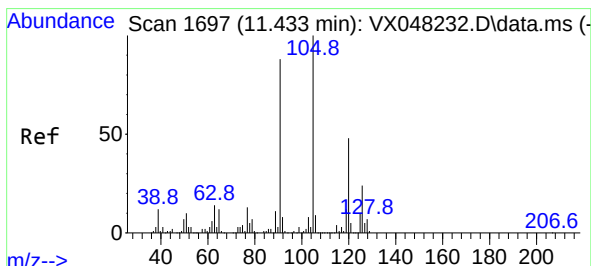
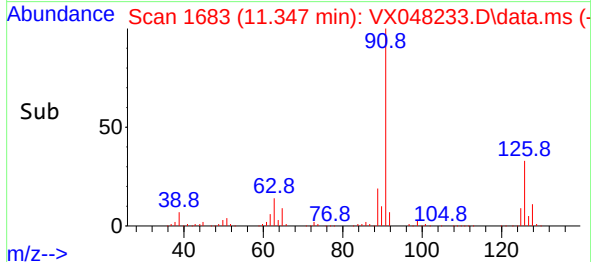
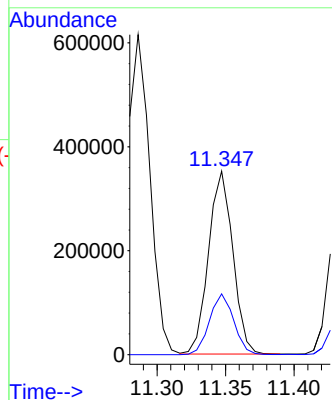
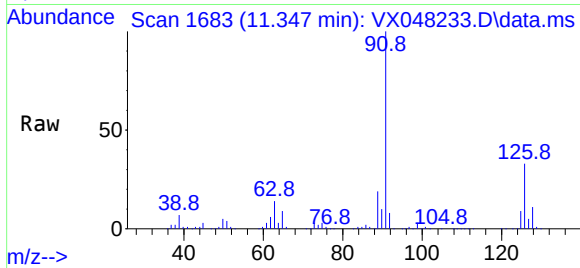




#79
2-Chlorotoluene
Concen: 105.044 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

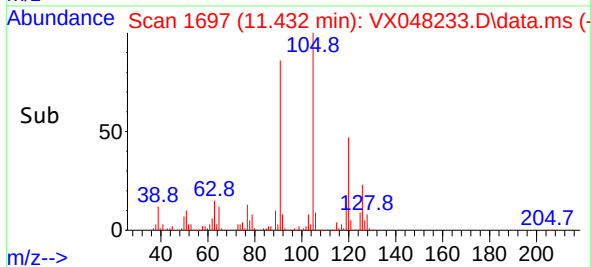
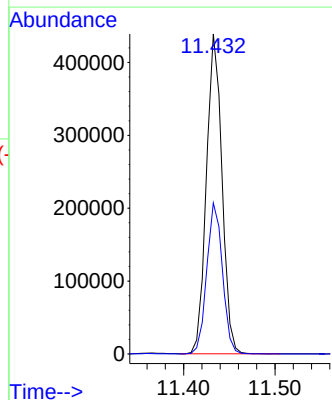
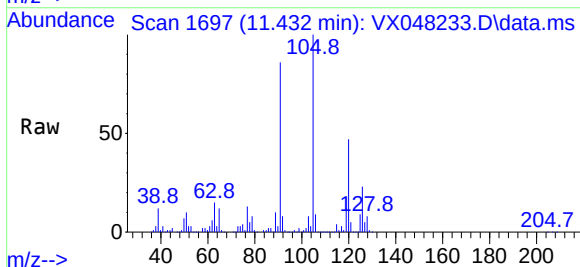
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

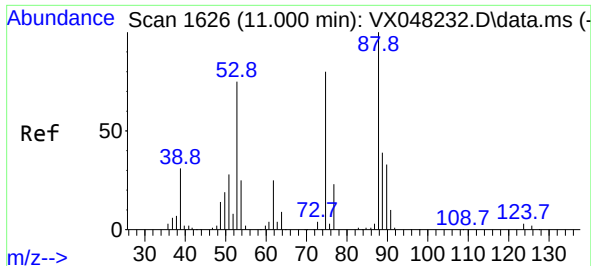
Tgt Ion: 91 Resp: 434217
Ion Ratio Lower Upper
91 100
126 33.2 16.4 49.4



#80
1,3,5-Trimethylbenzene
Concen: 106.616 ug/l
RT: 11.432 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

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

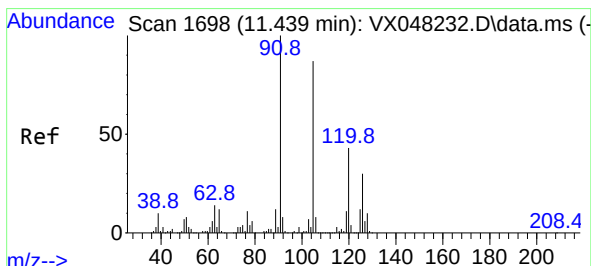
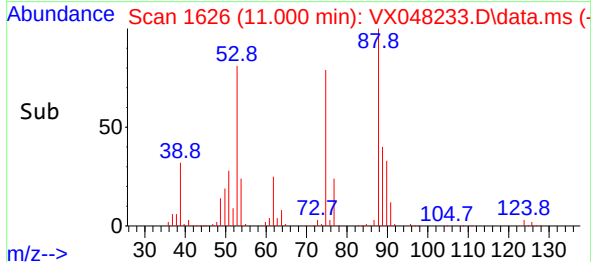
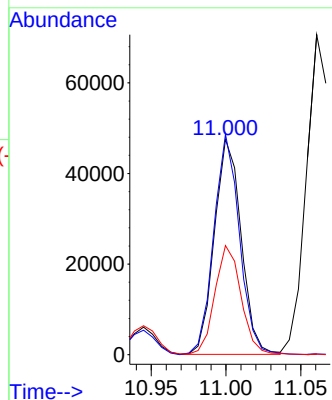
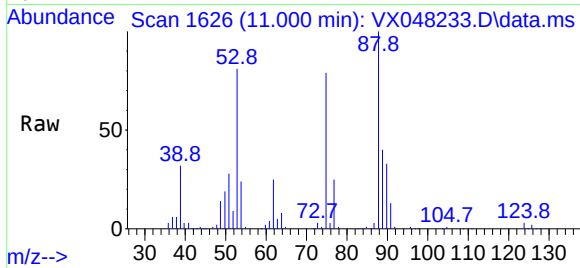




#81
trans-1,4-Dichloro-2-butene
Concen: 109.902 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

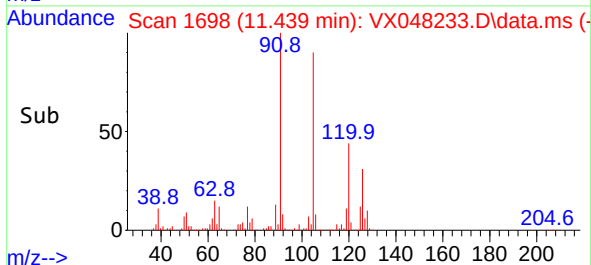
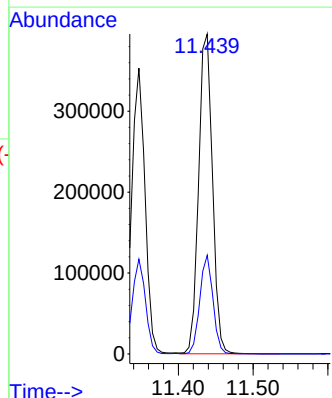
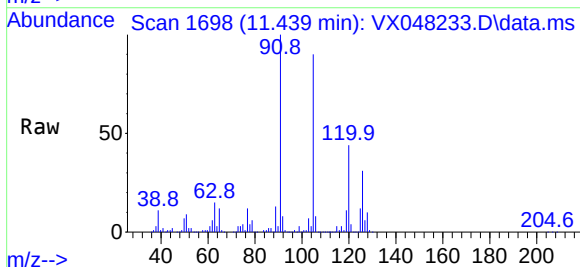
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

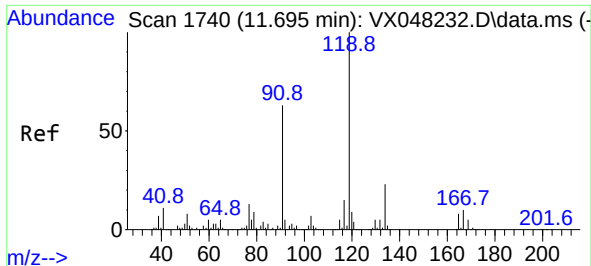
Tgt Ion: 75 Resp: 59059
Ion Ratio Lower Upper
75 100
53 98.7 79.5 119.3
89 49.9 36.8 55.2



#82
4-Chlorotoluene
Concen: 103.293 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

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

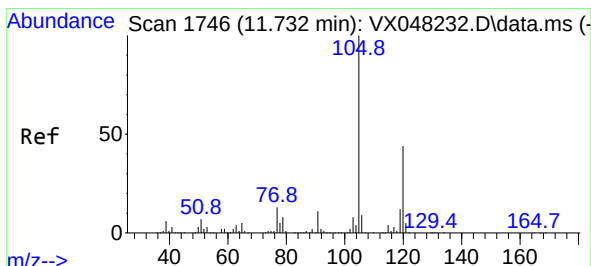
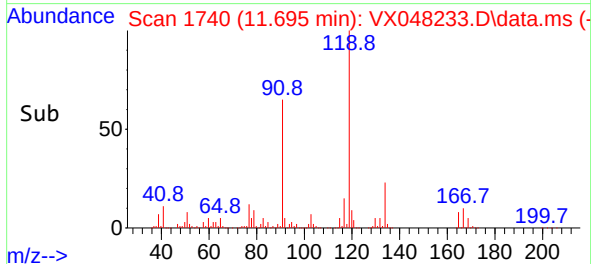
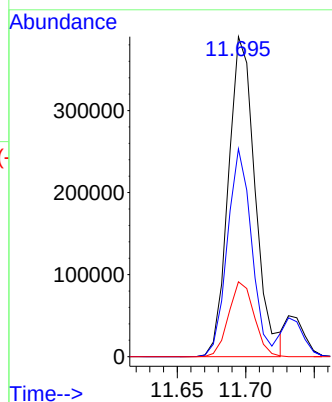
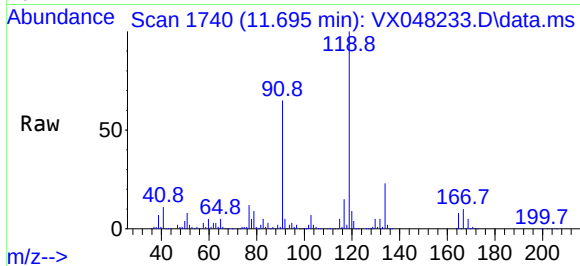




#83
tert-Butylbenzene
Concen: 105.707 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

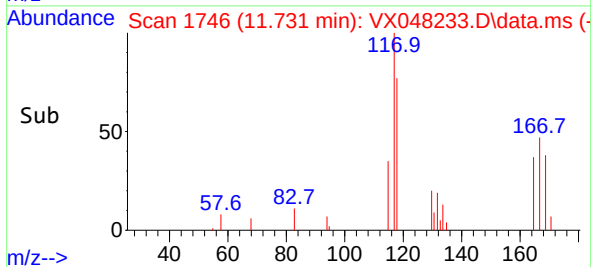
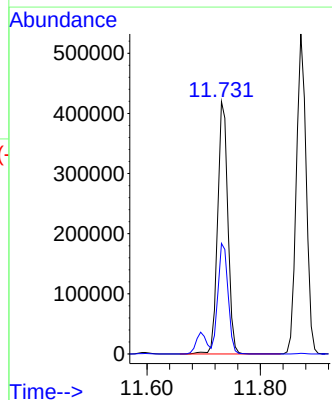
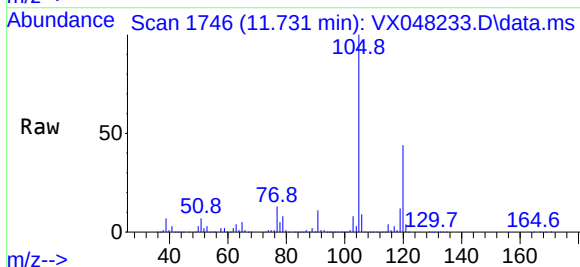
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

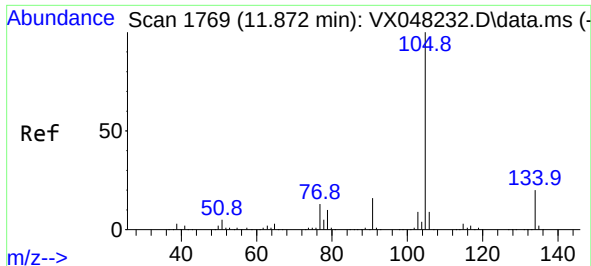
Tgt Ion:119 Resp: 529264
Ion Ratio Lower Upper
119 100
91 59.1 30.3 91.0
134 22.3 11.4 34.2



#84
1,2,4-Trimethylbenzene
Concen: 107.638 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

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





#85

sec-Butylbenzene

Concen: 106.228 ug/l

RT: 11.871 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

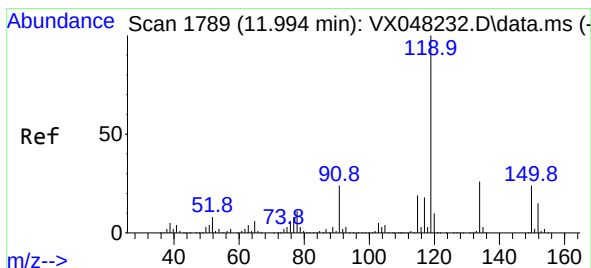
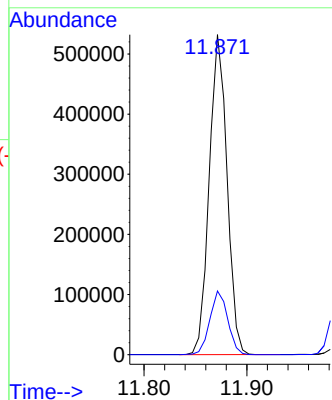
VSTDIC100

Tgt Ion:105 Resp: 639904

Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.1



#86

p-Isopropyltoluene

Concen: 105.271 ug/l

RT: 11.987 min Scan# 1788

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

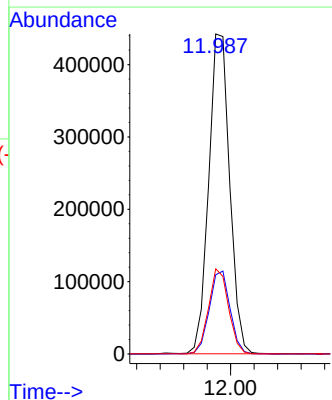
Tgt Ion:119 Resp: 548119

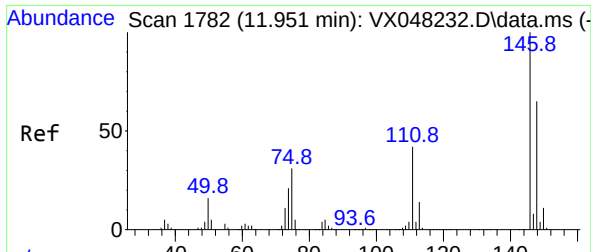
Ion Ratio Lower Upper

119 100

134 25.7 13.0 39.0

91 25.5 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 101.174 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

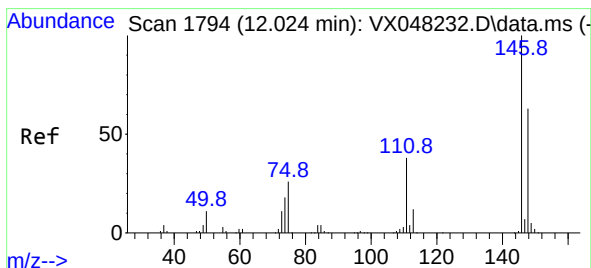
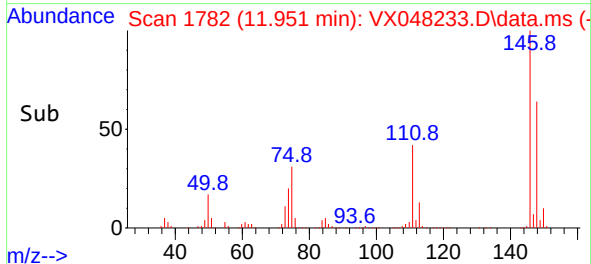
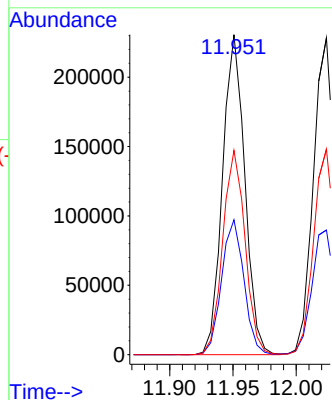
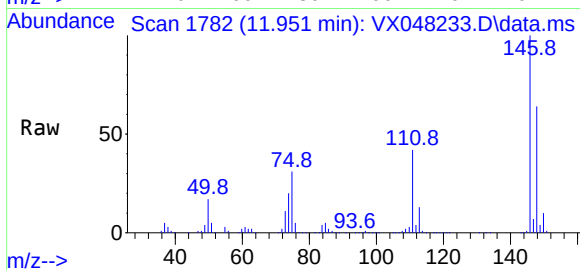
Tgt Ion:146 Resp: 281617

Ion Ratio Lower Upper

146 100

111 42.4 20.4 61.2

148 64.2 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 96.377 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

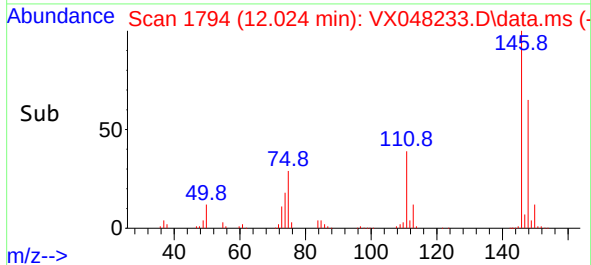
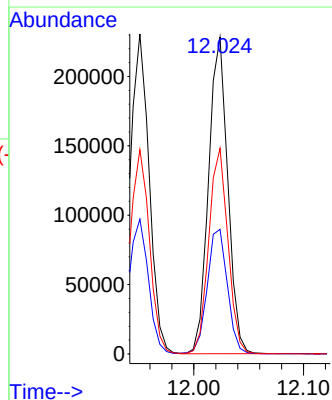
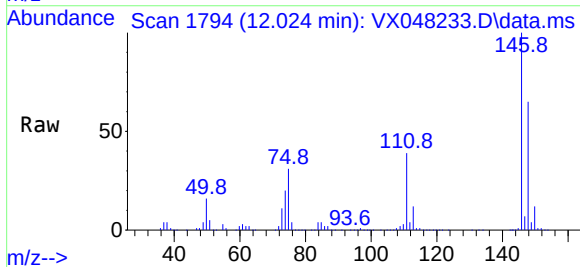
Tgt Ion:146 Resp: 277908

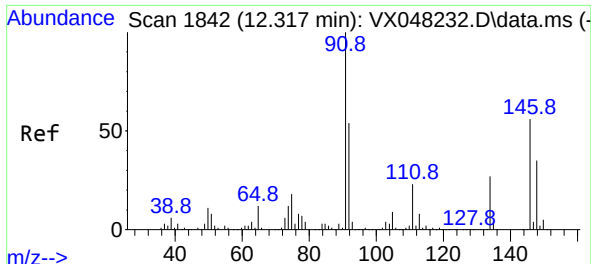
Ion Ratio Lower Upper

146 100

111 41.3 20.1 60.2

148 65.0 31.8 95.3





#89

n-Butylbenzene

Concen: 104.552 ug/l

RT: 12.316 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VX048233.D

Acq: 20 Oct 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

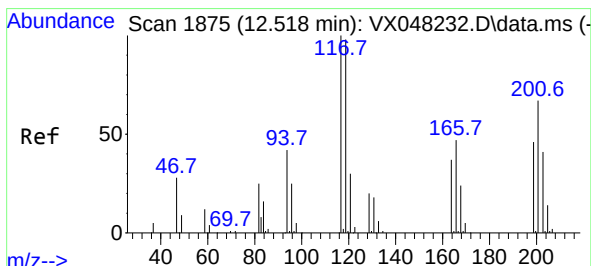
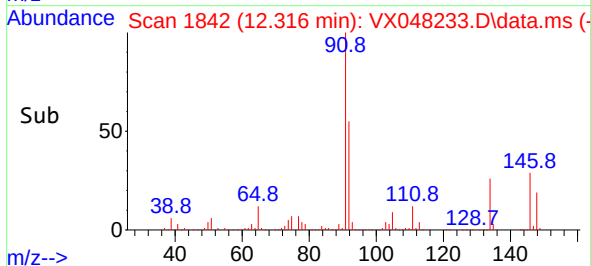
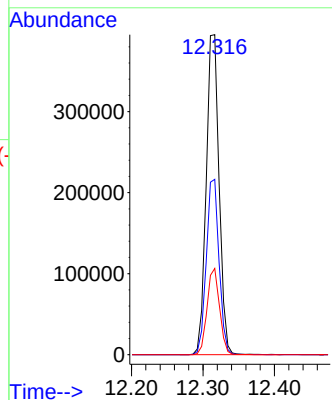
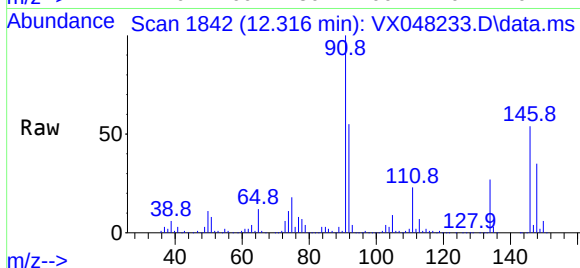
Tgt Ion: 91 Resp: 495486

Ion Ratio Lower Upper

91 100

92 54.3 26.9 80.6

134 26.1 12.7 38.1



#90

Hexachloroethane

Concen: 104.121 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX048233.D

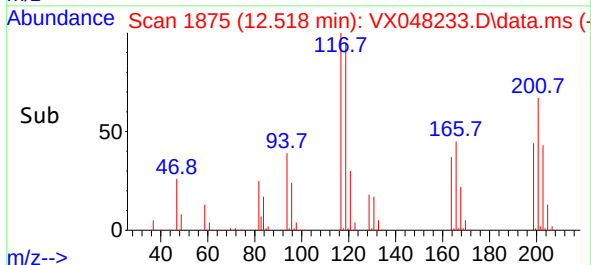
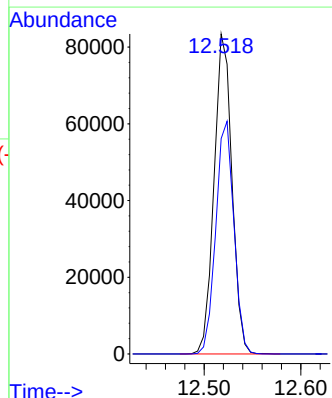
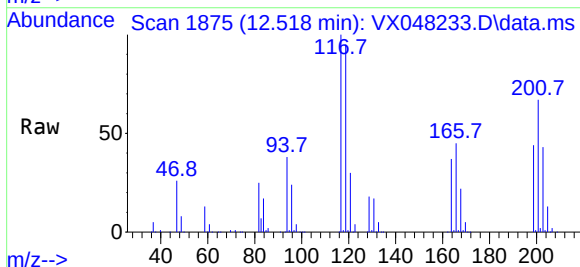
Acq: 20 Oct 2025 12:22

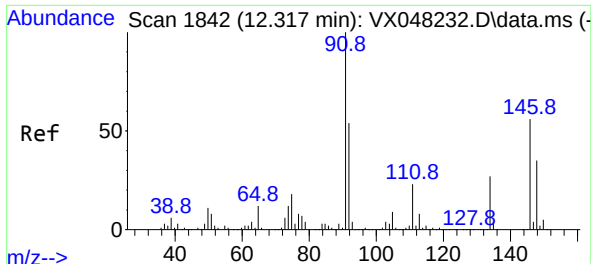
Tgt Ion: 117 Resp: 107057

Ion Ratio Lower Upper

117 100

201 73.5 34.1 102.2

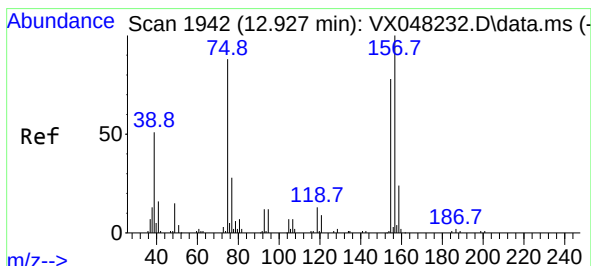
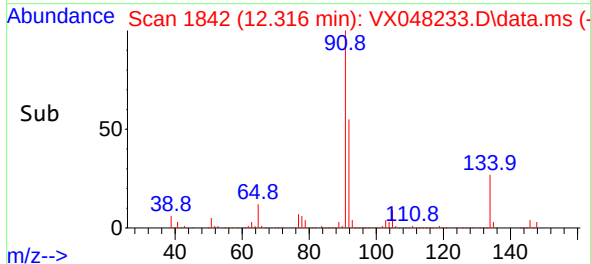
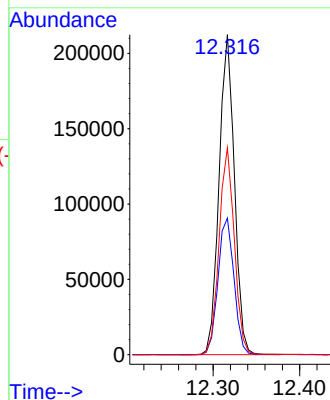
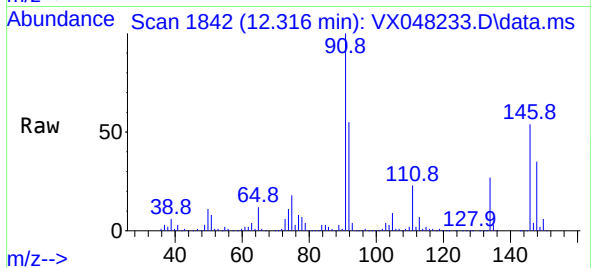




#91
1,2-Dichlorobenzene
Concen: 99.880 ug/l
RT: 12.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

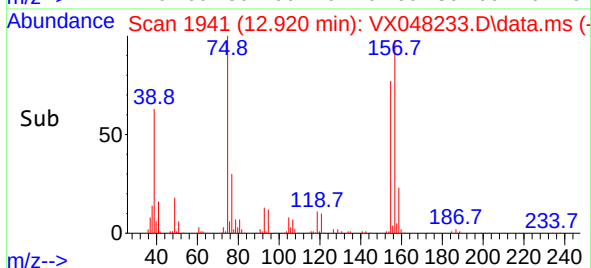
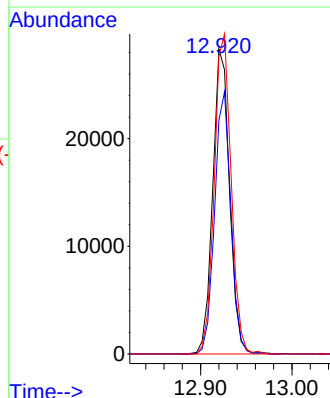
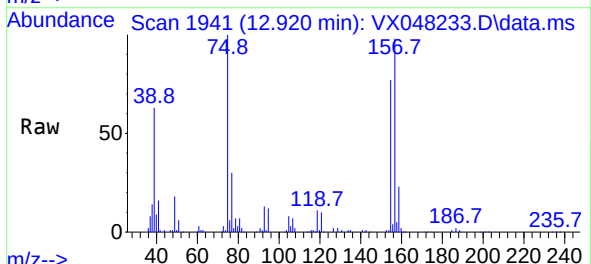
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

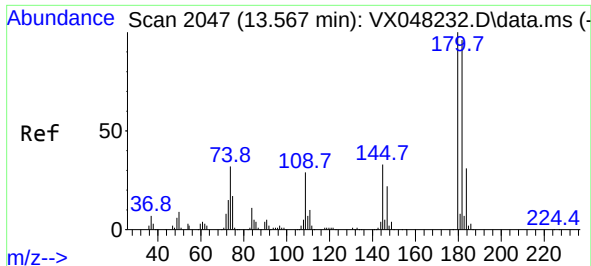
Tgt Ion:146 Resp: 261022
Ion Ratio Lower Upper
146 100
111 44.7 21.9 65.5
148 64.5 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 110.555 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

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

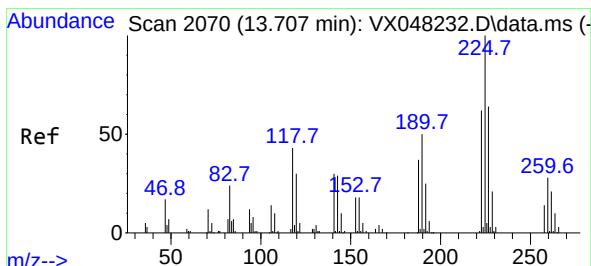
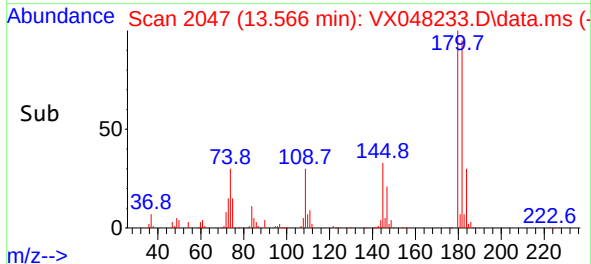
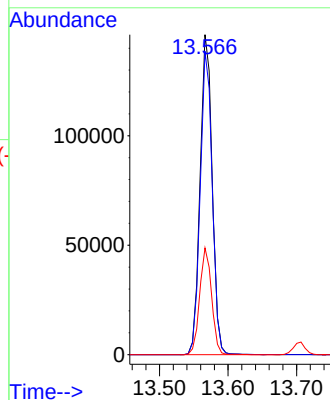
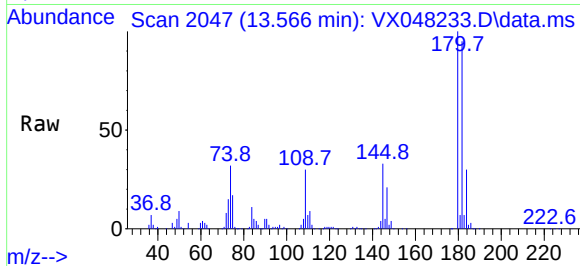




#93
1,2,4-Trichlorobenzene
Concen: 101.602 ug/l
RT: 13.566 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

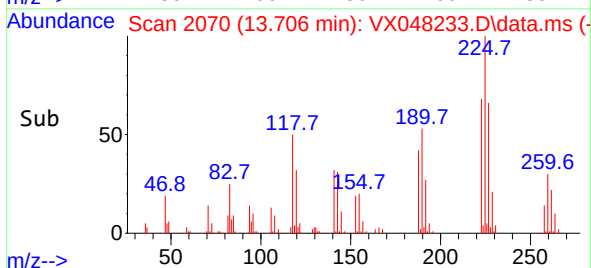
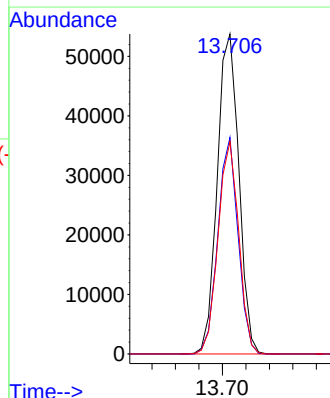
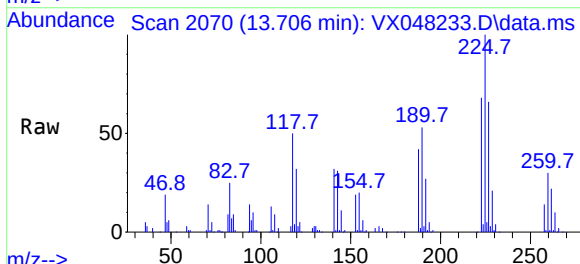
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

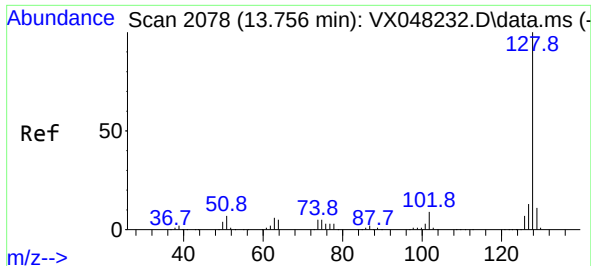
Tgt Ion:180 Resp: 179562
Ion Ratio Lower Upper
180 100
182 94.4 47.3 142.0
145 33.0 16.3 48.9



#94
Hexachlorobutadiene
Concen: 103.582 ug/l
RT: 13.706 min Scan# 2070
Delta R.T. 0.005 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

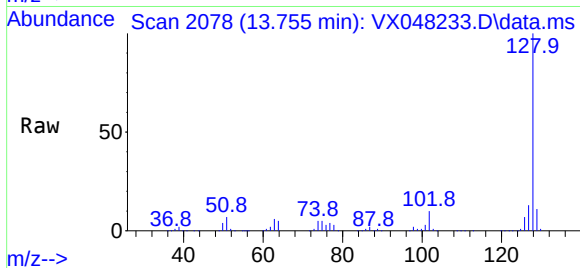
Tgt Ion:225 Resp: 68645
Ion Ratio Lower Upper
225 100
223 63.3 32.6 97.7
227 63.5 32.5 97.4





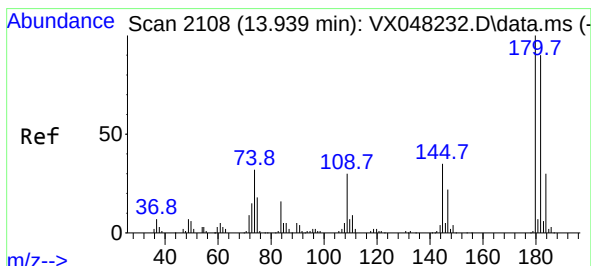
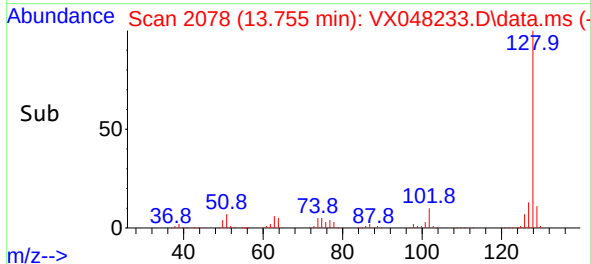
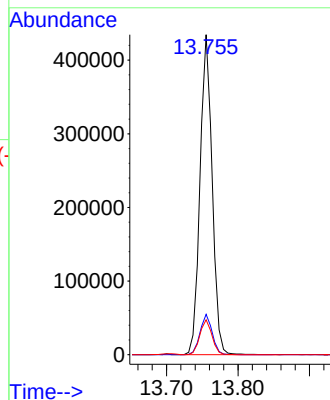
#95
Naphthalene
Concen: 109.211 ug/l
RT: 13.755 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:128 Resp: 511355

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	10.9	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 104.362 ug/l
RT: 13.944 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048233.D
Acq: 20 Oct 2025 12:22

Tgt Ion:180 Resp: 169248

Ion	Ratio	Lower	Upper
180	100		
182	95.5	46.6	139.7
145	34.6	16.9	50.7

