

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
 Data File : VX048056.D
 Acq On : 07 Oct 2025 18:24
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 08 02:20:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X100725W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 08 02:15:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.891	128	22261	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	143975	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.037	117	130576	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	65273	33.995	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 113.333%	#
60) 4-Bromofluorobenzene	11.061	95	62831	28.611	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 95.367%	
63) Toluene-d8	8.635	98	172661	29.638	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 98.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	276428	180.883	ug/l	100
3) Chloromethane	1.301	50	290454	181.516	ug/l	97
4) Vinyl Chloride	1.380	62	297104	190.523	ug/l	96
5) Bromomethane	1.605	94	153942	168.000	ug/l	97
6) Chloroethane	1.691	64	183723	198.234	ug/l	99
7) Trichlorofluoromethane	1.892	101	408546	185.802	ug/l	99
8) Diethyl Ether	2.136	74	160509	202.119	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	228554	164.783	ug/l	97
10) 1,1-Dichloroethene	2.325	96	240344	171.799	ug/l	95
11) Methyl Iodide	2.709	142	611	0.336	ug/l	90
12) Methyl Acetate	2.703	43	279464	172.413	ug/l	99
13) Acrolein	2.239	56	245958	1235.414	ug/l	98
14) Acrylonitrile	3.063	53	660634	897.370	ug/l	99
15) Acetone	2.380	58	152020	890.699	ug/l	91
16) Carbon Disulfide	2.514	76	734443	184.494	ug/l	99
17) Allyl chloride	2.666	41	454209	179.834	ug/l	96
18) Methylene Chloride	2.788	84	282674	180.259	ug/l	98
19) trans-1,2-Dichloroethene	3.093	96	256572	174.622	ug/l	92
20) Diisopropyl ether	3.757	45	903461	183.030	ug/l	83
21) 1,1-Dichloroethane	3.605	63	488957	175.787	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	300557	177.262	ug/l	# 88
23) tert-Butyl Alcohol	2.953	59	162465	1031.582	ug/l	# 100
24) Methyl tert-Butyl Ether	3.111	73	846121	191.830	ug/l	99
25) Chloroform	5.080	83	491161	172.064	ug/l	99
26) Cyclohexane	5.465	56	394777	161.118	ug/l	# 95
29) 1,1-Dichloropropene	5.684	75	323746	145.968	ug/l	99
30) 2-Butanone	4.544	43	798993	788.927	ug/l	98
31) 2,2-Dichloropropane	4.471	77	365554	176.830	ug/l	# 90
32) 1,1,1-Trichloroethane	5.373	97	420228	151.460	ug/l	98
33) Carbon Tetrachloride	5.666	117	324339	135.842	ug/l	93
34) Benzene	6.025	78	1031899	155.151	ug/l	97
35) Methacrylonitrile	4.910	41	189860	152.637	ug/l	99
36) 1,2-Dichloroethane	6.074	62	379781	151.904	ug/l	98
37) Trichloroethene	7.111	130	250918	151.734	ug/l	100
38) Methylcyclohexane	7.367	83	387470	140.464	ug/l	97
39) 1,2-Dichloropropane	7.415	63	266168	159.218	ug/l	97
40) Dibromomethane	7.812	93	11540	9.222	ug/l	67
41) Bromodichloromethane	7.806	83	397552	157.365	ug/l	100
42) Vinyl Acetate	3.715	43	3867634	851.572	ug/l	100

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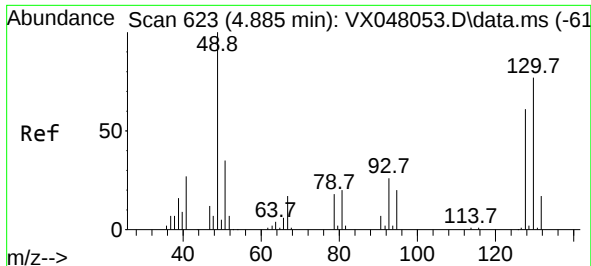
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.702	43	358316	166.633	ug/l	98
44) Isopropyl Acetate	6.324	43	595354	173.249	ug/l	100
45) 1,4-Dioxane	7.647	88	70949	3333.999	ug/l #	93
46) Methyl methacrylate	7.678	41	304232	167.011	ug/l	97
47) n-amyl Acetate	10.829	43	516857	166.347	ug/l	98
48) t-1,3-Dichloropropene	8.964	75	413161	176.681	ug/l	100
49) cis-1,3-Dichloropropene	8.354	75	437263	169.192	ug/l	99
50) 1,1,2-Trichloroethane	9.141	97	242082	153.330	ug/l	98
51) Ethyl methacrylate	9.104	69	404712	169.577	ug/l	97
52) 1,3-Dichloropropane	9.293	76	424673	155.312	ug/l	99
53) Dibromochloromethane	9.506	129	279064	160.787	ug/l #	14
54) 1,2-Dibromoethane	9.598	107	259777	156.835	ug/l	99
55) 2-Chloroethyl vinyl ether	8.232	63	1046322	847.695	ug/l	99
56) Bromoform	10.768	173	352	0.389	ug/l #	1
58) 4-Methyl-2-Pentanone	8.562	43	1674036	779.918	ug/l	97
59) 2-Hexanone	9.415	43	1171768	780.457	ug/l	99
61) Tetrachloroethene	9.263	164	195103	144.504	ug/l	95
62) Toluene	8.702	91	1064264	151.040	ug/l	100
64) Chlorobenzene	10.061	112	690887	151.722	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.147	131	244687	158.903	ug/l #	83
66) Ethyl Benzene	10.177	91	1200011	150.807	ug/l	98
67) m/p-Xylenes	10.287	106	896131	302.135	ug/l	99
68) o-Xylene	10.628	106	434323	152.775	ug/l	97
69) Styrene	10.640	104	760299	154.976	ug/l	99
70) Isopropylbenzene	10.945	105	1097952	144.941	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.195	83	339277	149.707	ug/l	99
72) 1,2,3-Trichloropropane	11.220	75	389666	203.687	ug/l	90
73) Bromobenzene	11.183	156	272099	151.329	ug/l	96
74) n-propylbenzene	11.287	91	1305959	144.394	ug/l	100
75) 2-Chlorotoluene	11.348	91	789918	144.855	ug/l	99
76) 1,3,5-Trimethylbenzene	11.433	105	899532	143.202	ug/l	99
77) t-1,4-Dichloro-2-butene	11.000	75	117665	180.690	ug/l	92
78) 4-Chlorotoluene	11.439	91	928015	146.980	ug/l	100
79) tert-butylbenzene	11.695	119	893383	143.970	ug/l	99
80) 1,2,4-Trimethylbenzene	11.732	105	905888	145.507	ug/l	100
81) sec-Butylbenzene	11.872	105	1074798	135.843	ug/l	100
82) p-Isopropyltoluene	11.994	119	901607	138.689	ug/l	100
83) 1,3-Dichlorobenzene	11.951	146	495954	148.757	ug/l	98
84) 1,4-Dichlorobenzene	12.024	146	498650	148.556	ug/l	98
85) n-Butylbenzene	12.311	91	832773	134.191	ug/l	98
86) Hexachloroethane	12.518	117	173681	163.022	ug/l	94
87) 1,2-Dichlorobenzene	12.317	146	474953	147.954	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.920	75	70810	153.927	ug/l	97
89) 1,2,4-Trichlorobenzene	13.567	180	308598	148.607	ug/l	98
90) Hexachlorobutadiene	13.707	225	97370	113.142	ug/l	71
91) Naphthalene	13.756	128	1017137	155.200	ug/l	99
92) 1,2,3-Trichlorobenzene	13.939	180	295718	146.297	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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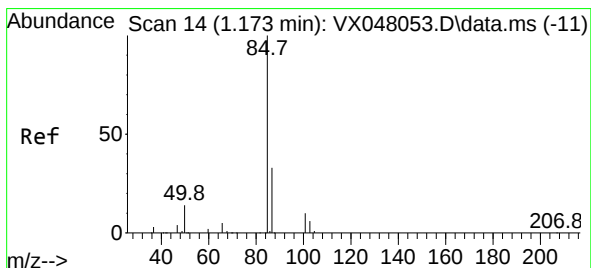
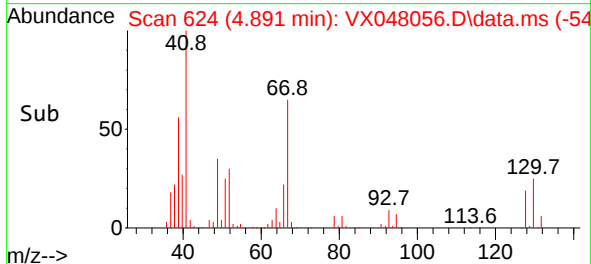
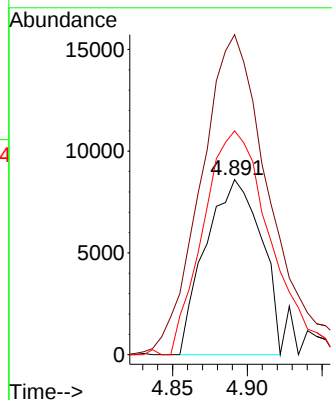
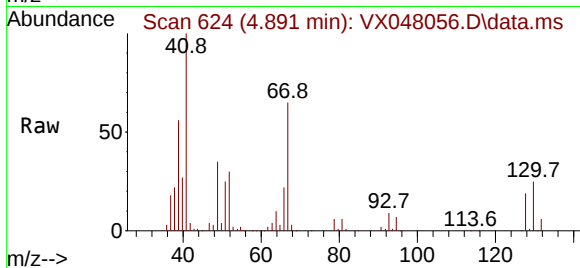




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

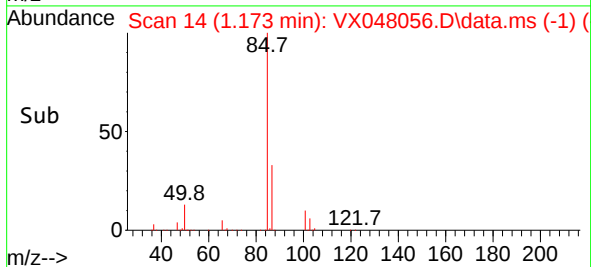
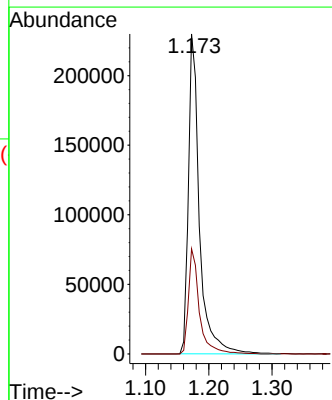
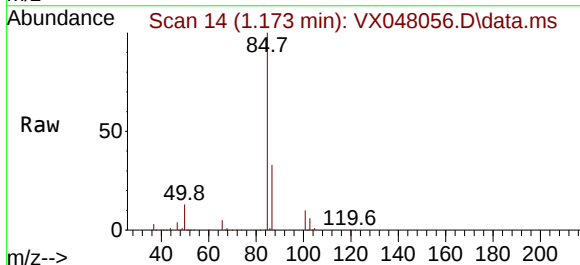
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

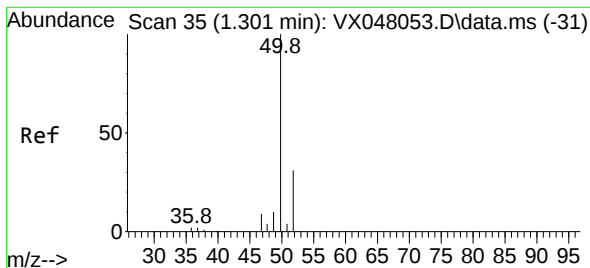
Tgt Ion:128 Resp: 22261
Ion Ratio Lower Upper
128 100
49 229.5 0.0 601.2
130 153.6 0.0 286.0



#2
Dichlorodifluoromethane
Concen: 180.883 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

Tgt Ion: 85 Resp: 276428
Ion Ratio Lower Upper
85 100
87 33.2 16.6 49.8





#3

Chloromethane

Concen: 181.516 ug/l

RT: 1.301 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX048056.D

Acq: 07 Oct 2025 18:24

Instrument :

MSVOA_X

ClientSampleId :

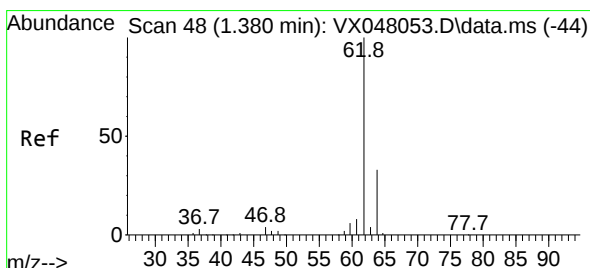
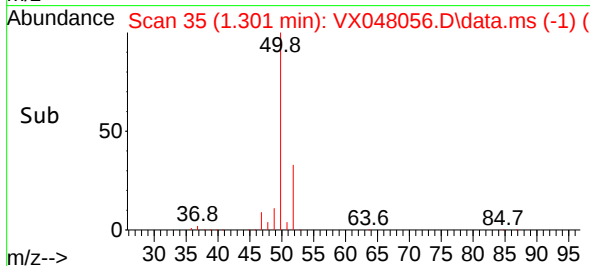
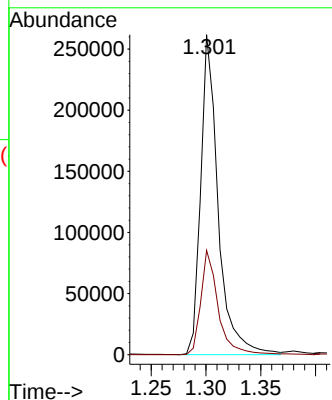
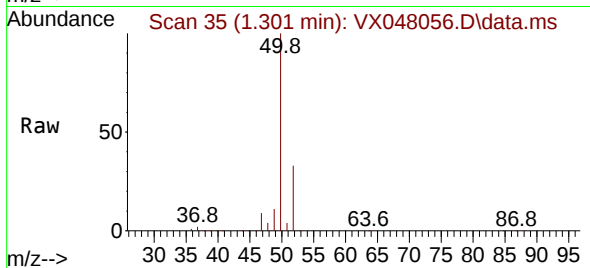
VSTDIC150

Tgt Ion: 50 Resp: 290454

Ion Ratio Lower Upper

50 100

52 32.6 24.9 37.3



#4

Vinyl Chloride

Concen: 190.523 ug/l

RT: 1.380 min Scan# 48

Delta R.T. 0.000 min

Lab File: VX048056.D

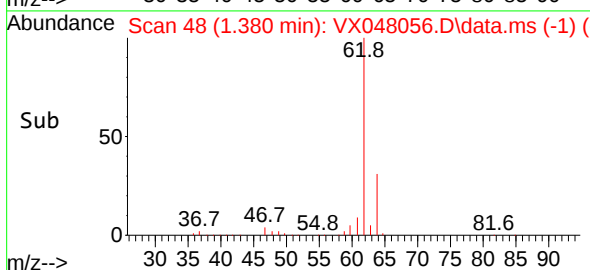
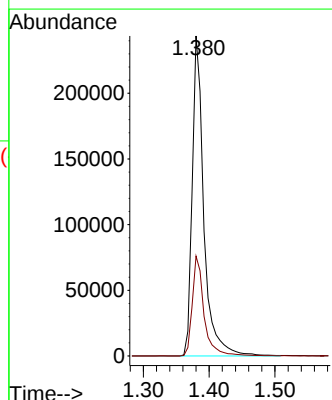
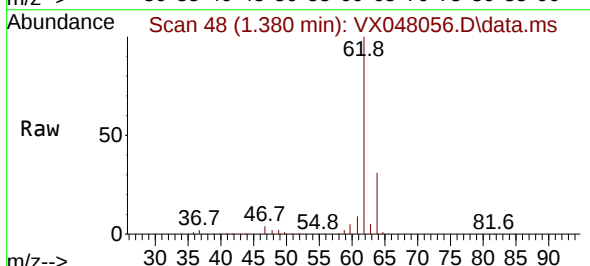
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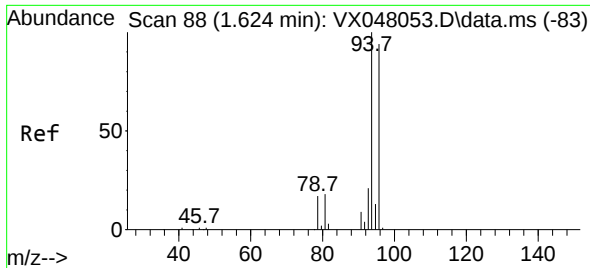
Tgt Ion: 62 Resp: 297104

Ion Ratio Lower Upper

62 100

64 31.9 27.4 41.2

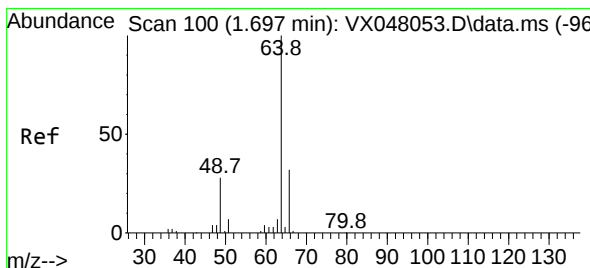
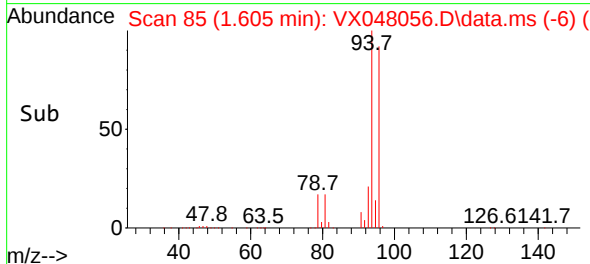
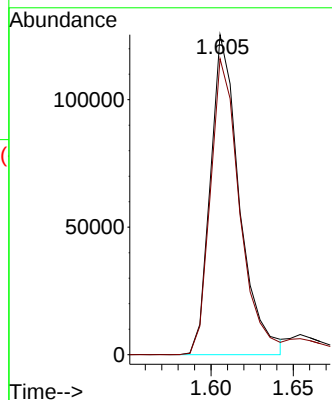
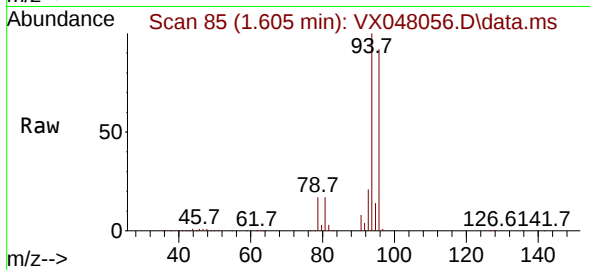




#5
Bromomethane
Concen: 168.000 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.018 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

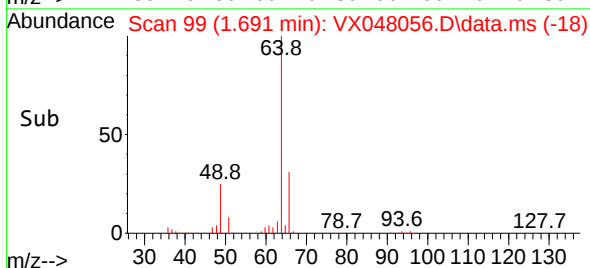
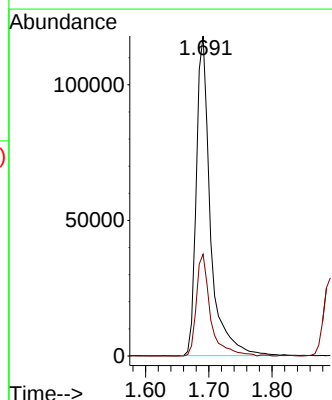
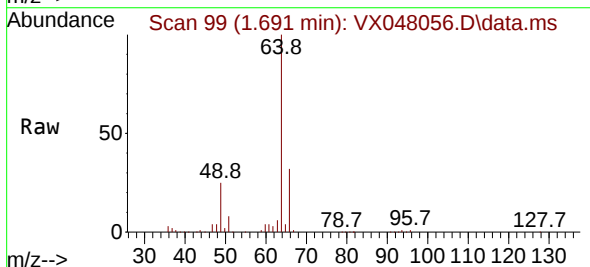
Instrument :
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ClientSampleId :
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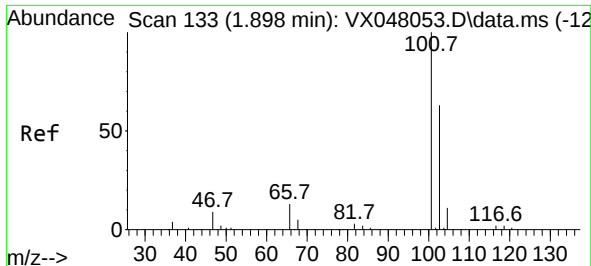
Tgt Ion: 94 Resp: 153942
Ion Ratio Lower Upper
94 100
96 82.2 67.8 101.6



#6
Chloroethane
Concen: 198.234 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

Tgt Ion: 64 Resp: 183723
Ion Ratio Lower Upper
64 100
66 31.8 24.9 37.3

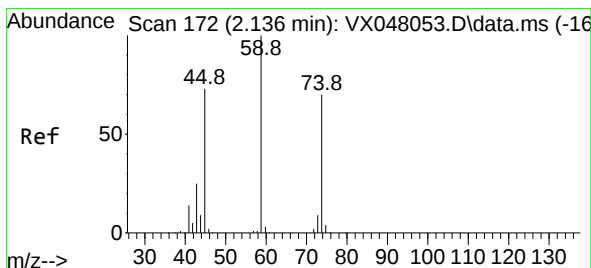
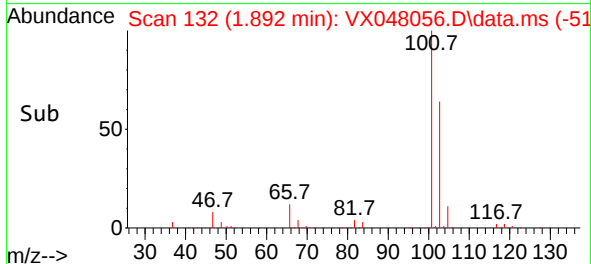
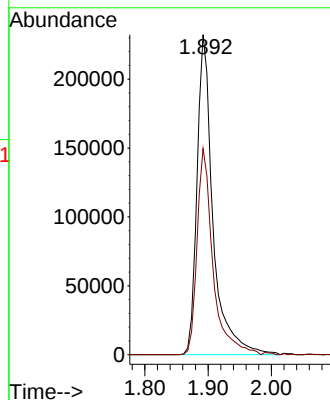
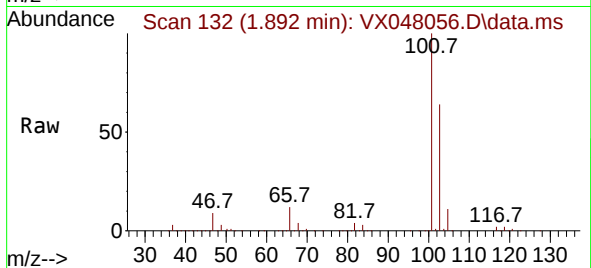




#7
 Trichlorofluoromethane
 Concen: 185.802 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX048056.D
 Acq: 07 Oct 2025 18:24

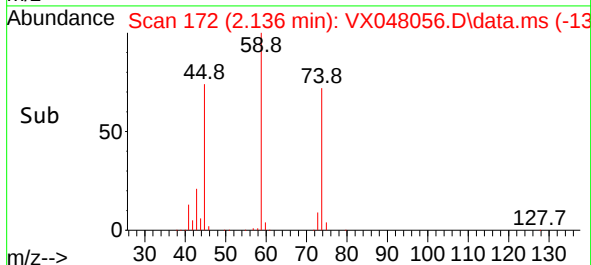
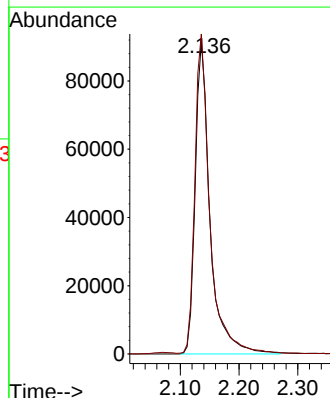
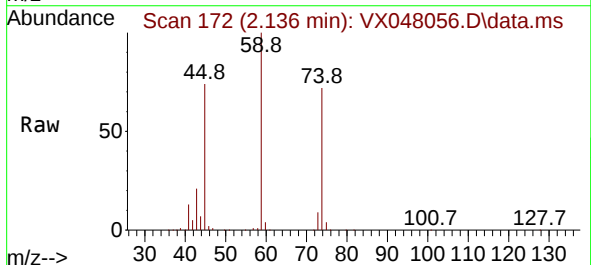
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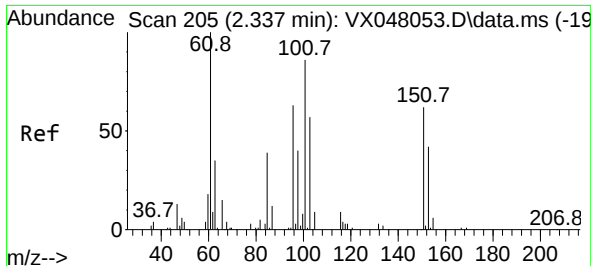
Tgt Ion:101 Resp: 408546
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.6 76.0



#8
 Diethyl Ether
 Concen: 202.119 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX048056.D
 Acq: 07 Oct 2025 18:24

Tgt Ion: 74 Resp: 160509
 Ion Ratio Lower Upper
 74 100
 45 102.8 20.8 187.2

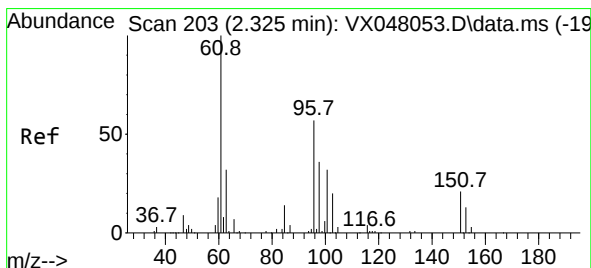
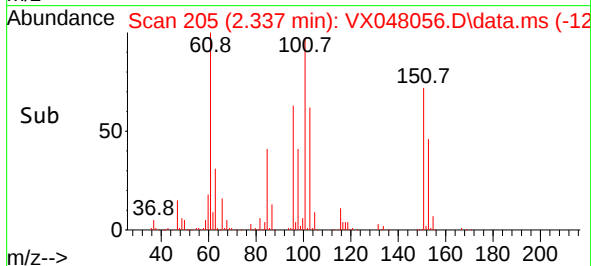
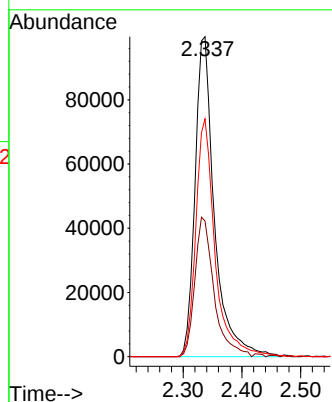
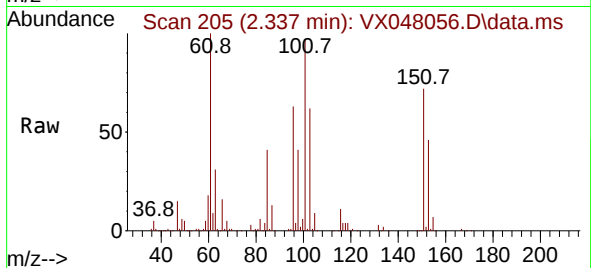




#9
1,1,2-Trichlorotrifluoroethane
Concen: 164.783 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

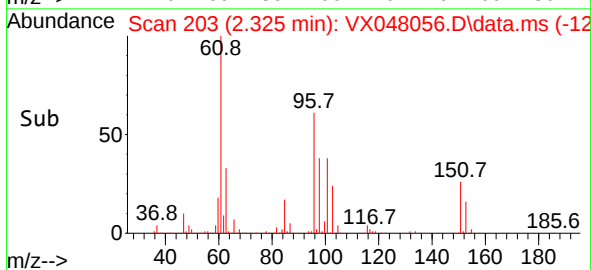
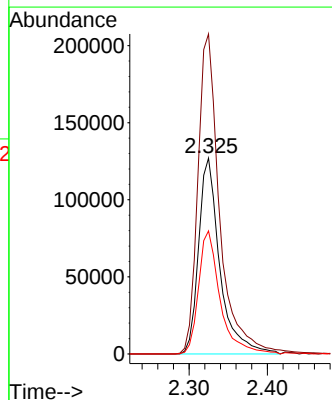
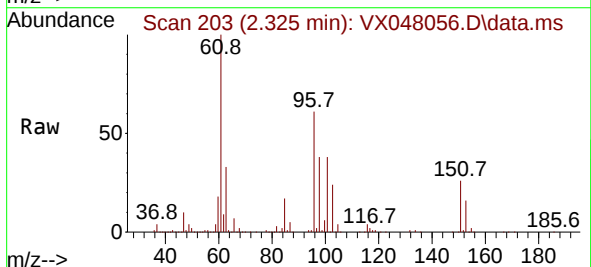
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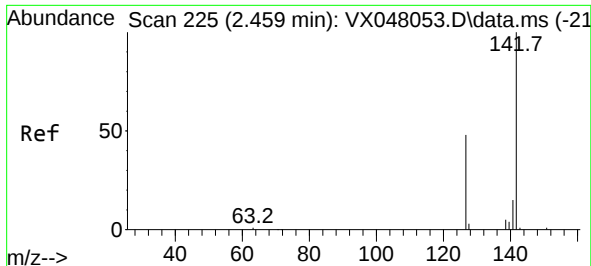
Tgt Ion:101 Resp: 228554
Ion Ratio Lower Upper
101 100
85 43.2 0.0 88.2
151 73.7 0.0 141.0



#10
1,1-Dichloroethene
Concen: 171.799 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

Tgt Ion: 96 Resp: 240344
Ion Ratio Lower Upper
96 100
61 156.8 133.4 200.2
98 62.4 49.8 74.6

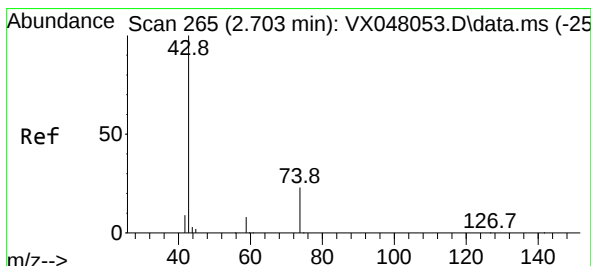
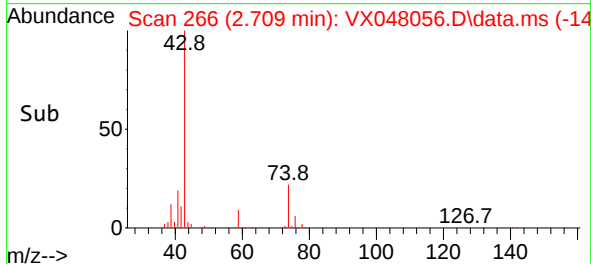
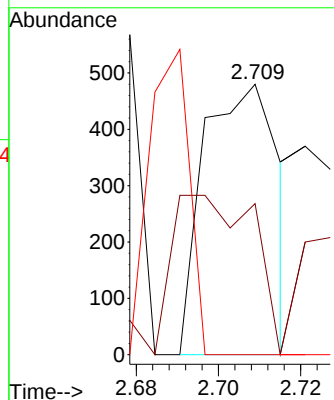
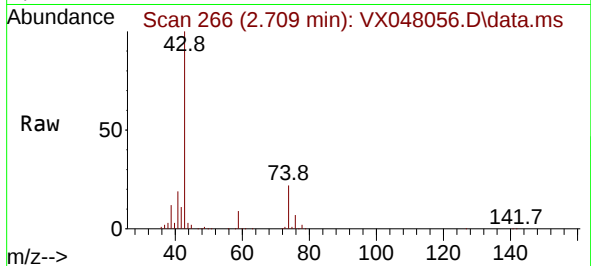




#11
Methyl Iodide
Concen: 0.336 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.250 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

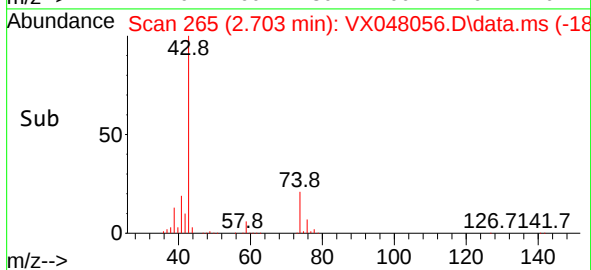
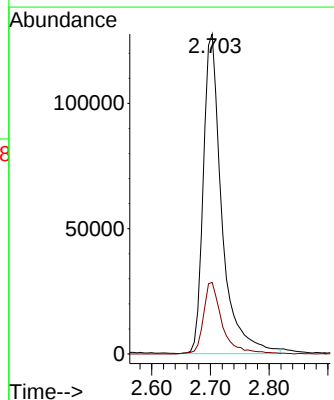
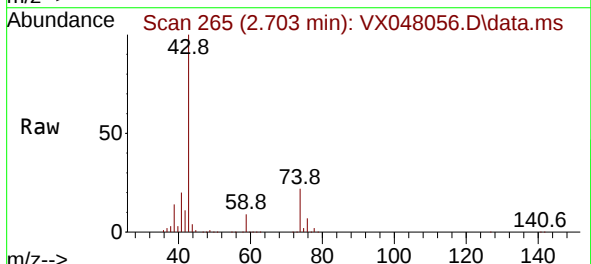
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

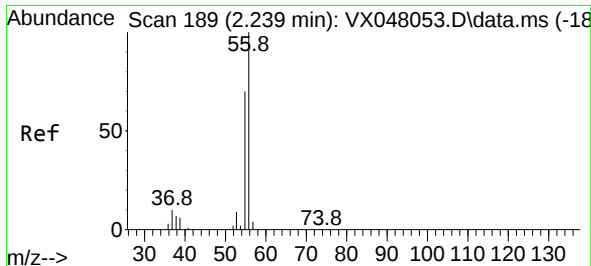
Tgt Ion:142 Resp: 611
Ion Ratio Lower Upper
142 100
127 40.9 24.1 72.4
141 12.3 7.2 21.7



#12
Methyl Acetate
Concen: 172.413 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

Tgt Ion: 43 Resp: 279464
Ion Ratio Lower Upper
43 100
74 22.4 18.2 27.4

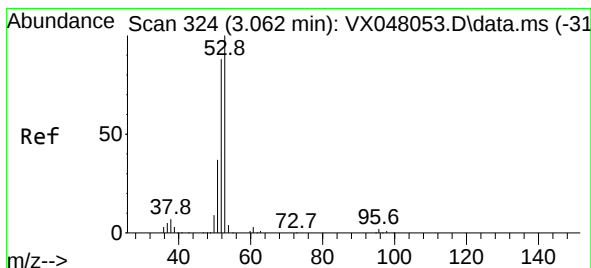
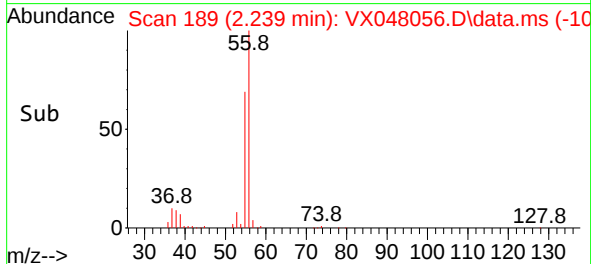
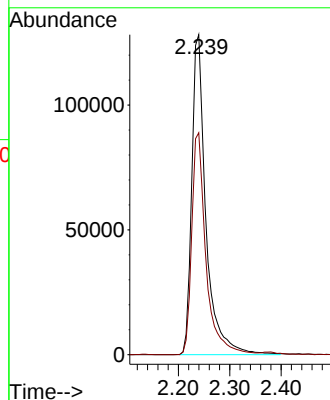
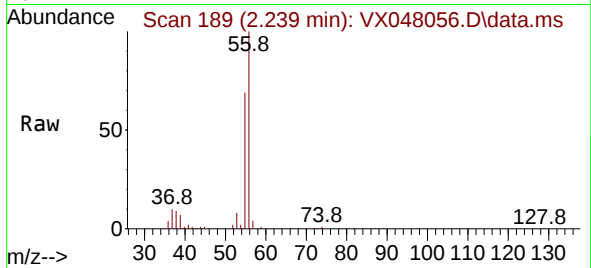




#13
Acrolein
Concen: 1235.414 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

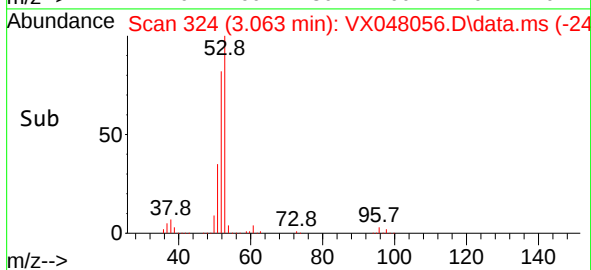
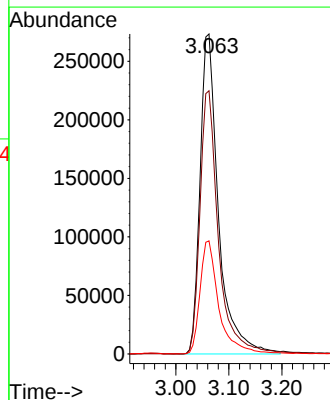
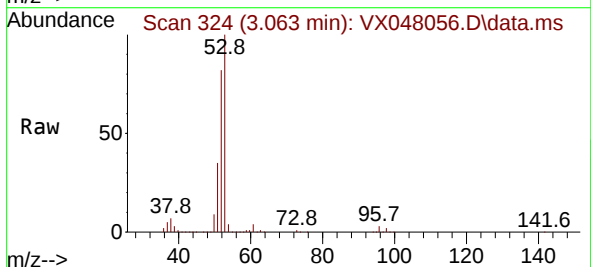
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

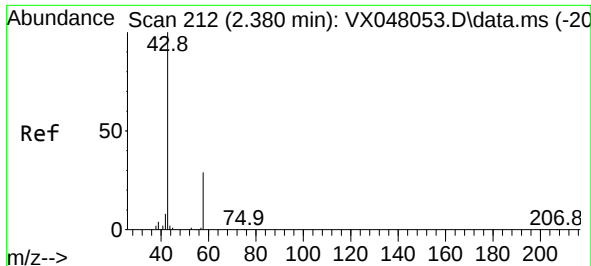
Tgt Ion: 56 Resp: 245958
Ion Ratio Lower Upper
56 100
55 69.8 57.0 85.6



#14
Acrylonitrile
Concen: 897.370 ug/l
RT: 3.063 min Scan# 324
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

Tgt Ion: 53 Resp: 660634
Ion Ratio Lower Upper
53 100
52 82.6 41.8 125.3
51 36.2 18.6 56.0

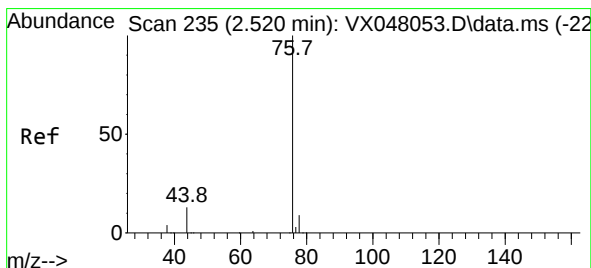
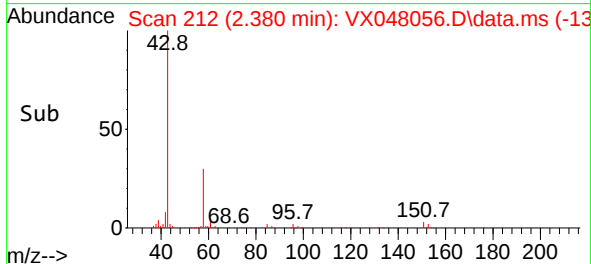
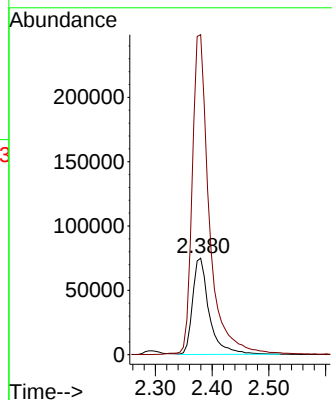
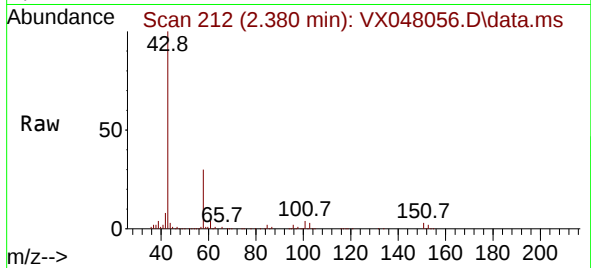




#15
Acetone
Concen: 890.699 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

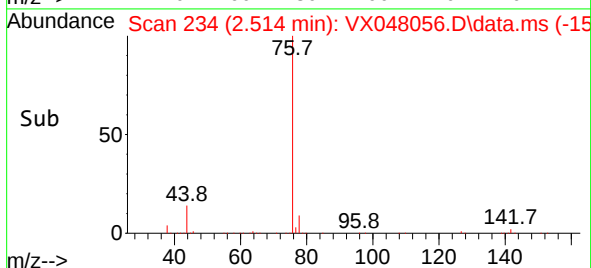
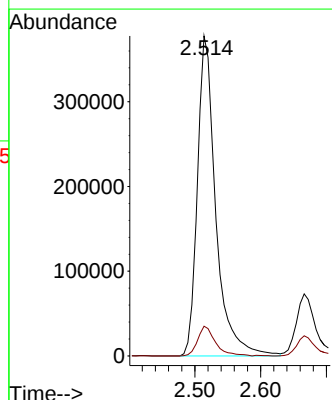
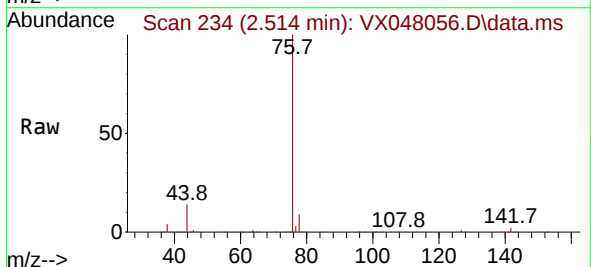
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

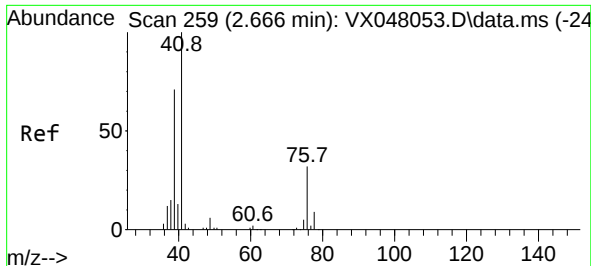
Tgt Ion: 58 Resp: 152020
Ion Ratio Lower Upper
58 100
43 331.4 280.7 421.1



#16
Carbon Disulfide
Concen: 184.494 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.006 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

Tgt Ion: 76 Resp: 734443
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0





#17

Allyl chloride

Concen: 179.834 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX048056.D

Acq: 07 Oct 2025 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

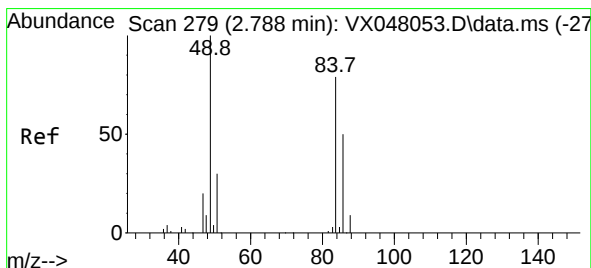
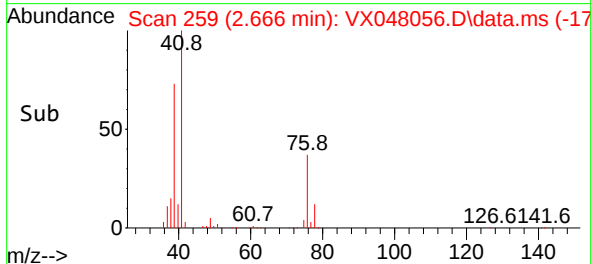
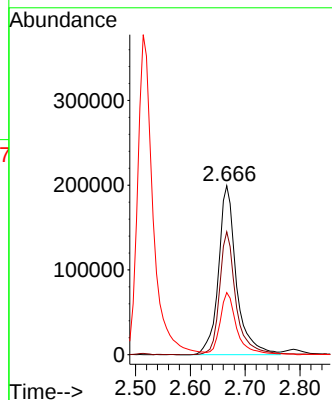
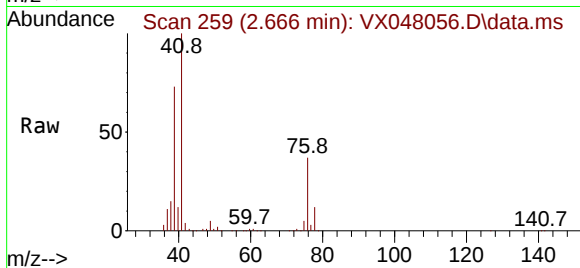
Tgt Ion: 41 Resp: 454209

Ion Ratio Lower Upper

41 100

39 72.6 35.0 105.1

76 38.9 17.8 53.5



#18

Methylene Chloride

Concen: 180.259 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX048056.D

Acq: 07 Oct 2025 18:24

Tgt Ion: 84 Resp: 282674

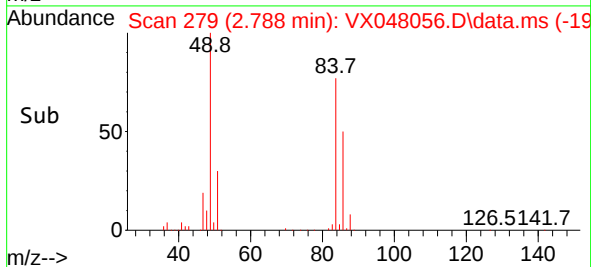
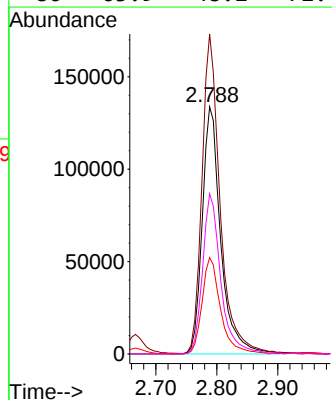
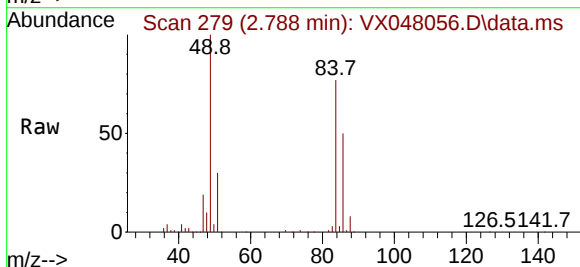
Ion Ratio Lower Upper

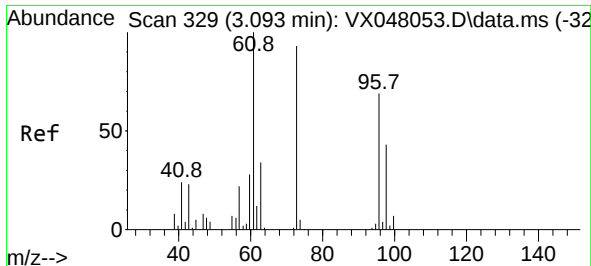
84 100

49 125.2 100.9 151.3

51 38.1 30.2 45.2

86 63.9 48.2 72.4

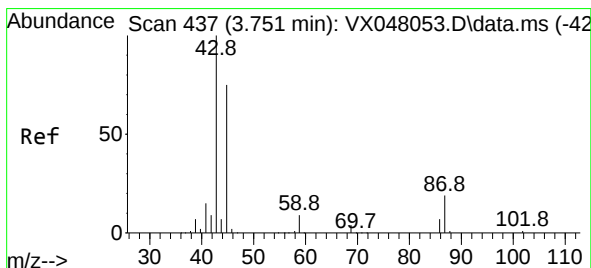
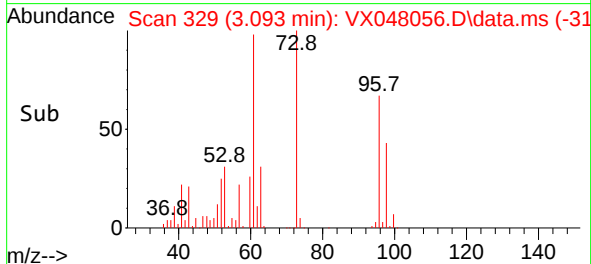
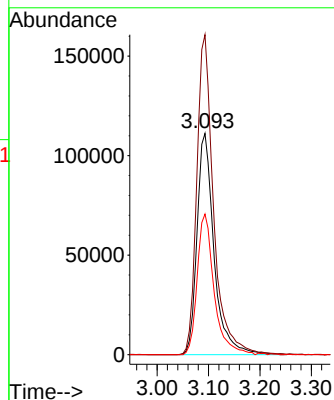
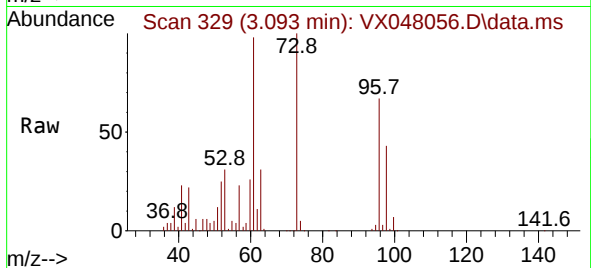




#19
trans-1,2-Dichloroethene
Concen: 174.622 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

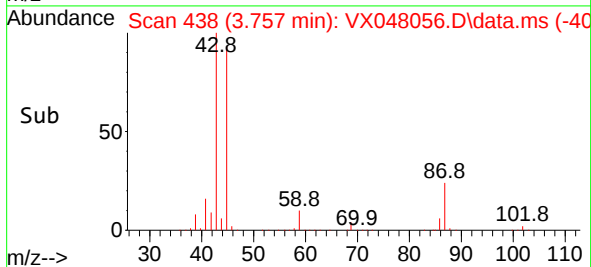
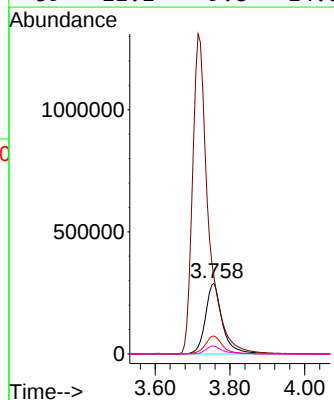
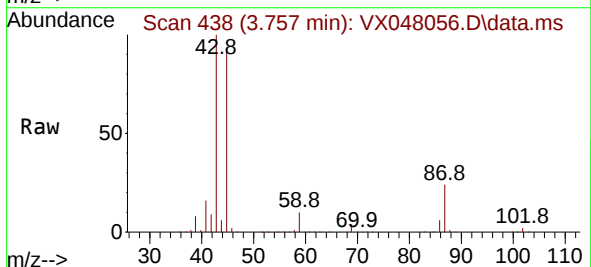
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

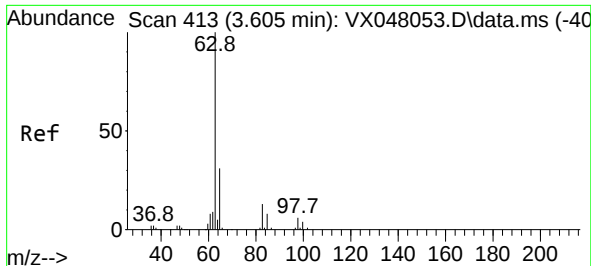
Tgt Ion: 96 Resp: 256572
Ion Ratio Lower Upper
96 100
61 137.3 121.0 181.6
98 62.1 48.5 72.7



#20
Diisopropyl ether
Concen: 183.030 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

Tgt Ion: 45 Resp: 903461
Ion Ratio Lower Upper
45 100
43 106.6 105.4 158.0
87 25.2 19.7 29.5
59 11.1 9.8 14.8

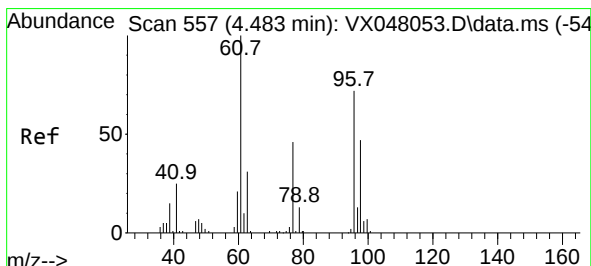
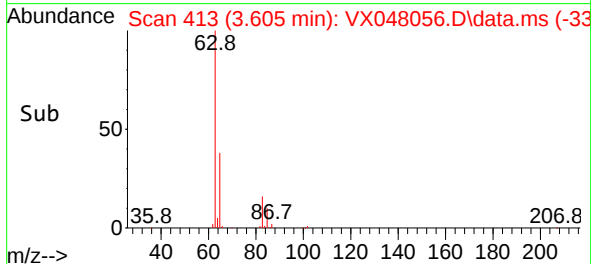
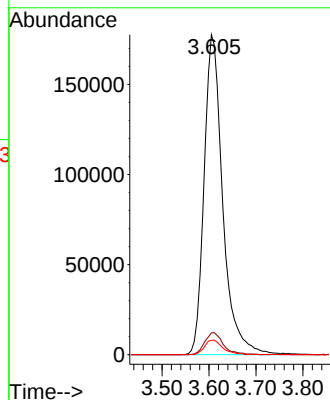
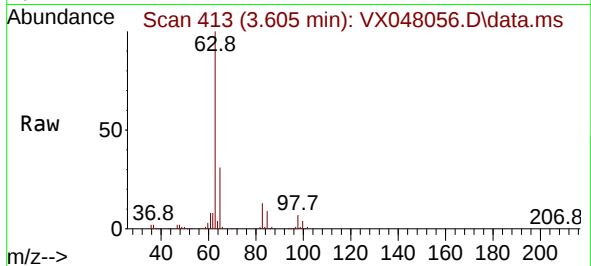




#21
1,1-Dichloroethane
Concen: 175.787 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

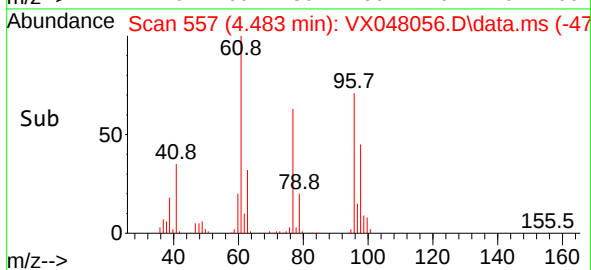
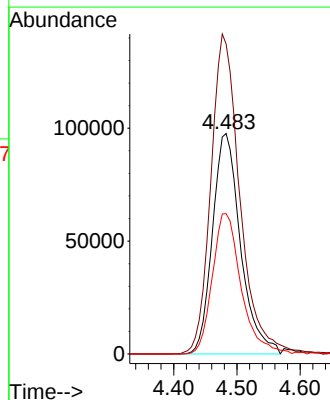
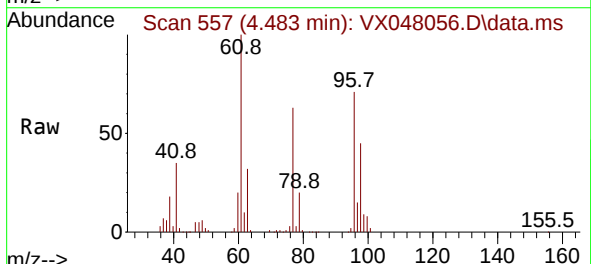
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

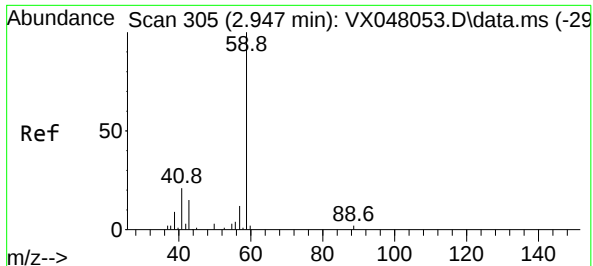
Tgt Ion: 63 Resp: 488957
Ion Ratio Lower Upper
63 100
98 7.4 3.5 10.6
100 4.7 2.0 5.8



#22
cis-1,2-Dichloroethene
Concen: 177.262 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

Tgt Ion: 96 Resp: 300557
Ion Ratio Lower Upper
96 100
61 150.5 121.4 182.0
98 65.2 19.6 29.4#

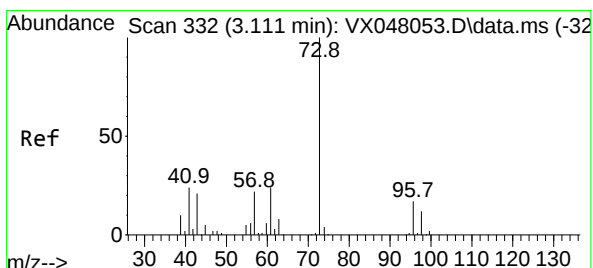
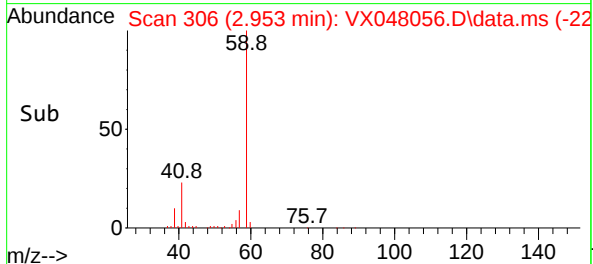
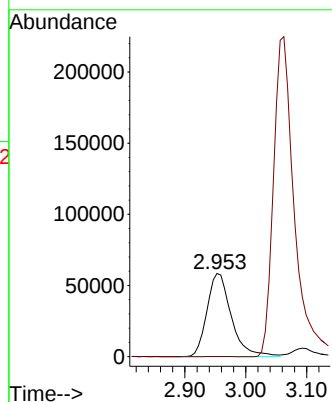
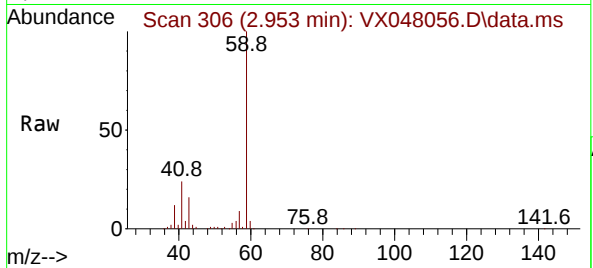




#23
tert-Butyl Alcohol
Concen: 1031.582 ug/l
RT: 2.953 min Scan# 305
Delta R.T. 0.006 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

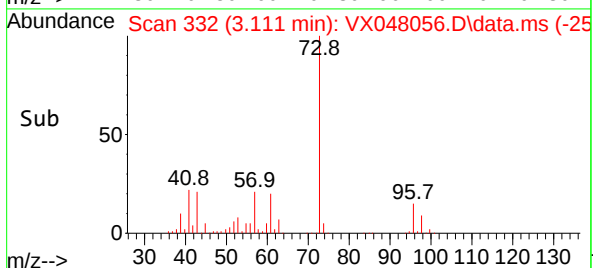
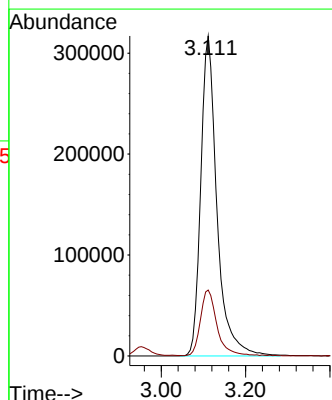
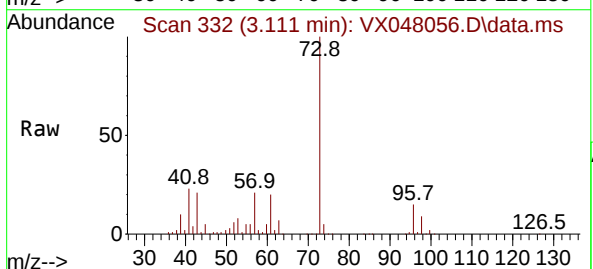
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

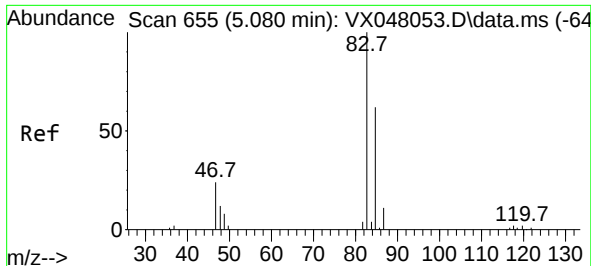
Tgt Ion: 59 Resp: 162465
Ion Ratio Lower Upper
59 100
52 0.1 0.1 0.1#



#24
Methyl tert-Butyl Ether
Concen: 191.830 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

Tgt Ion: 73 Resp: 846121
Ion Ratio Lower Upper
73 100
43 20.7 17.1 25.7

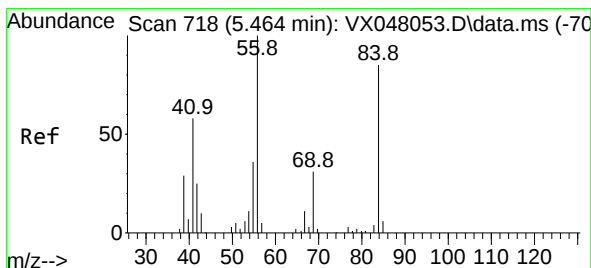
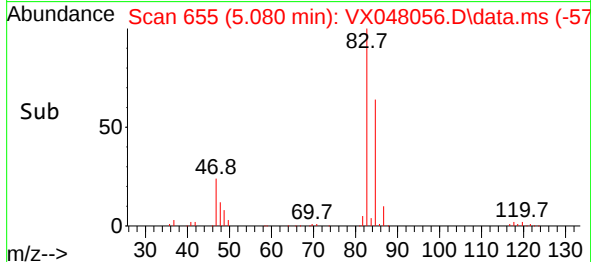
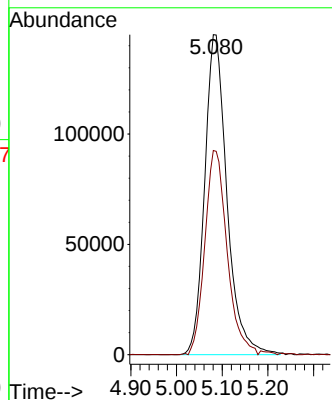
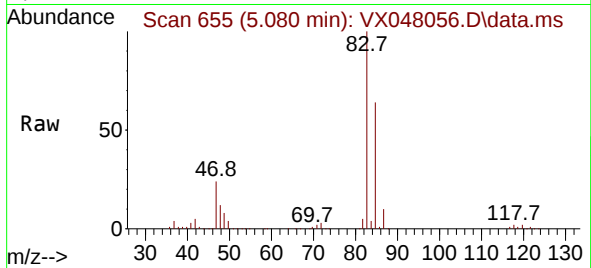




#25
Chloroform
Concen: 172.064 ug/l
RT: 5.080 min Scan# 611
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

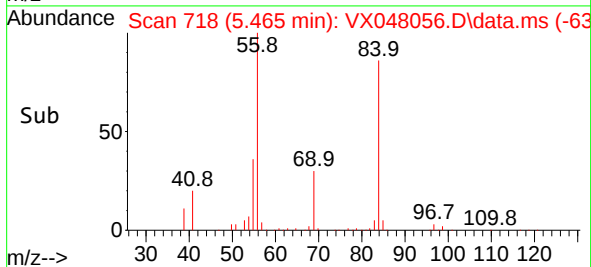
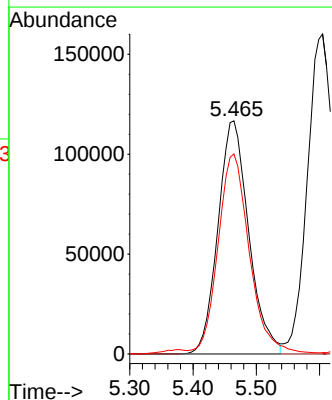
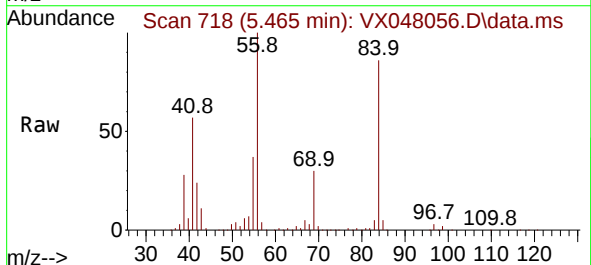
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

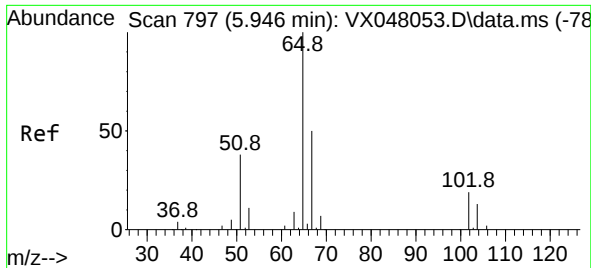
Tgt Ion: 83 Resp: 491161
Ion Ratio Lower Upper
83 100
85 62.4 50.3 75.5



#26
Cyclohexane
Concen: 161.118 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

Tgt Ion: 56 Resp: 394777
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 87.6 66.6 100.0

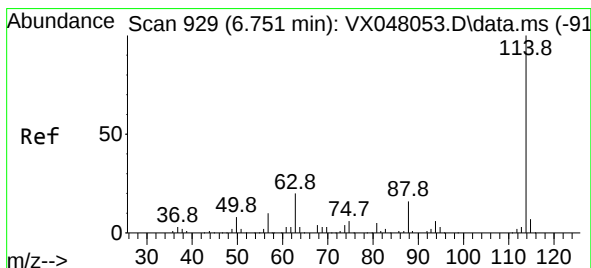
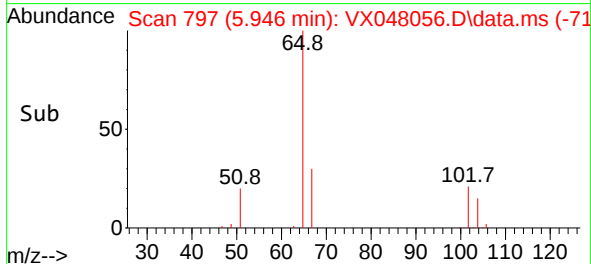
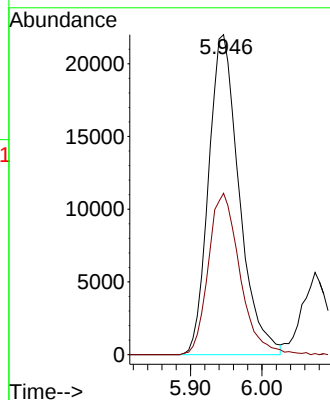
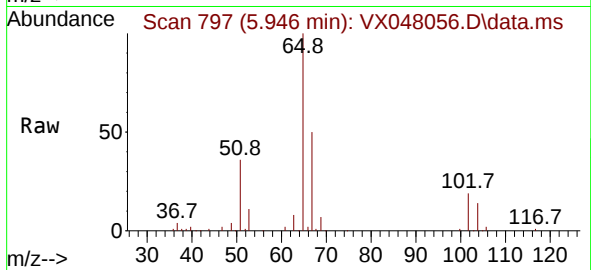




#27
1,2-Dichloroethane-d4
Concen: 33.995 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

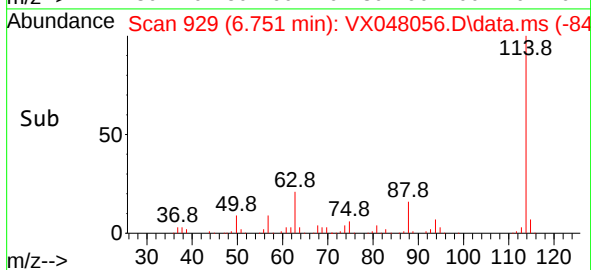
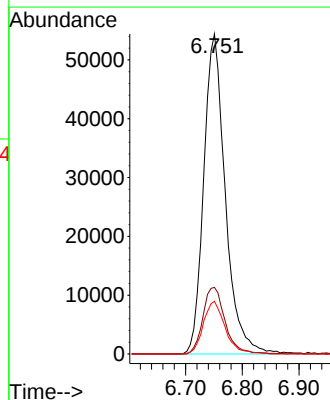
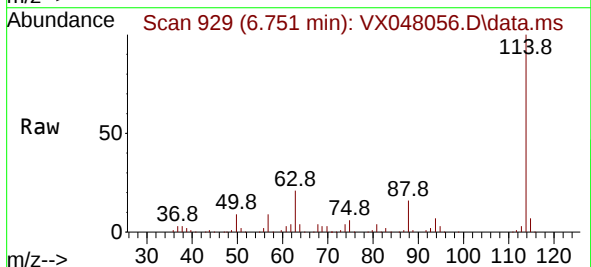
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

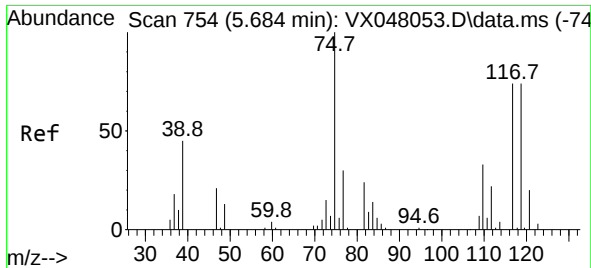
Tgt Ion: 65 Resp: 65273
Ion Ratio Lower Upper
65 100
67 51.7 41.0 61.4



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

Tgt Ion: 114 Resp: 143975
Ion Ratio Lower Upper
114 100
63 21.1 17.4 26.0
88 16.7 12.8 19.2

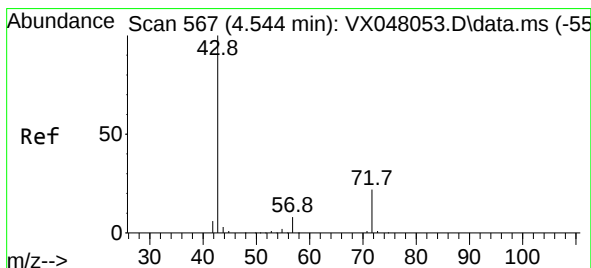
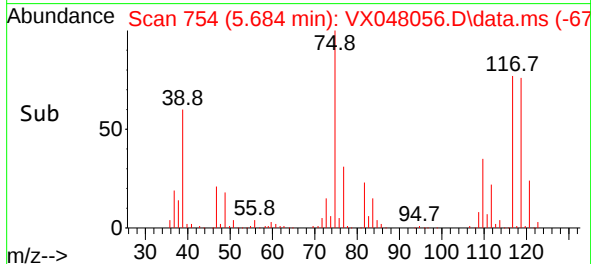
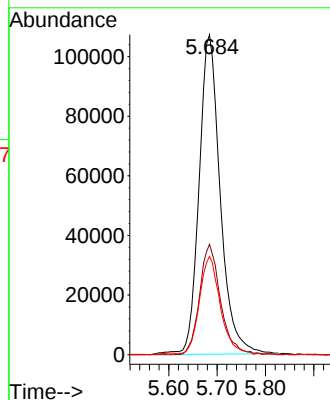
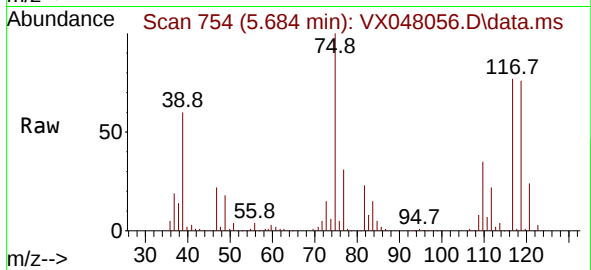




#29
1,1-Dichloropropene
Concen: 145.968 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

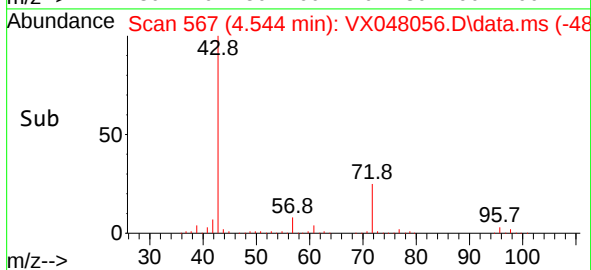
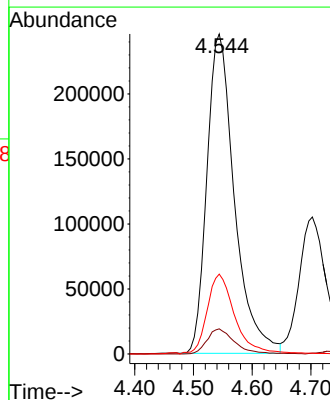
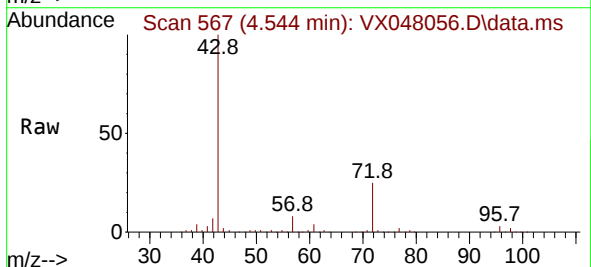
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

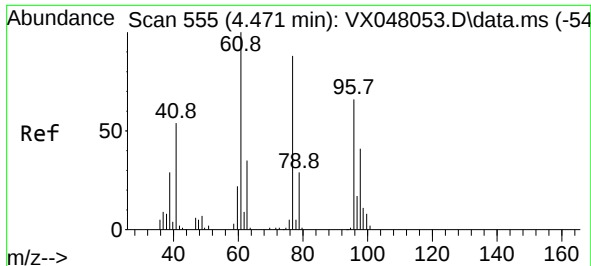
Tgt Ion: 75 Resp: 323746
Ion Ratio Lower Upper
75 100
110 34.0 0.0 66.4
77 30.7 0.0 61.8



#30
2-Butanone
Concen: 788.927 ug/l
RT: 4.544 min Scan# 567
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

Tgt Ion: 43 Resp: 798993
Ion Ratio Lower Upper
43 100
57 7.8 6.6 9.8
72 24.6 18.9 28.3

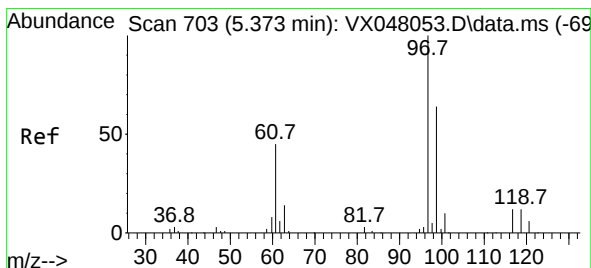
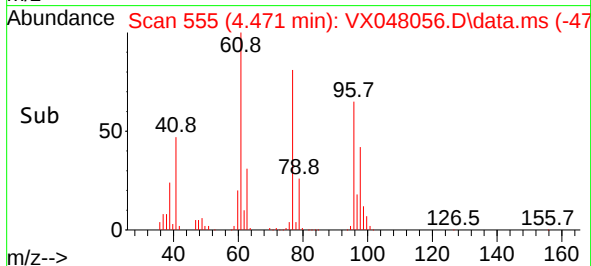
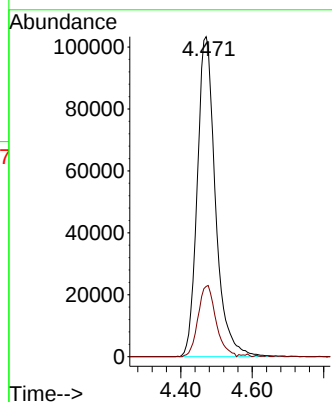
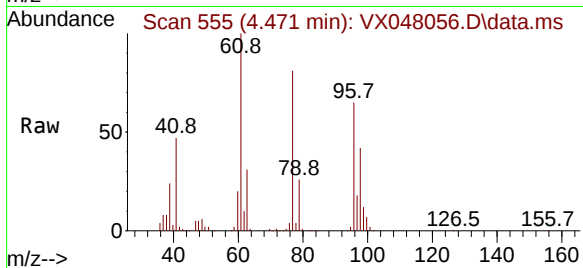




#31
2,2-Dichloropropane
Concen: 176.830 ug/l
RT: 4.471 min Scan# 511
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

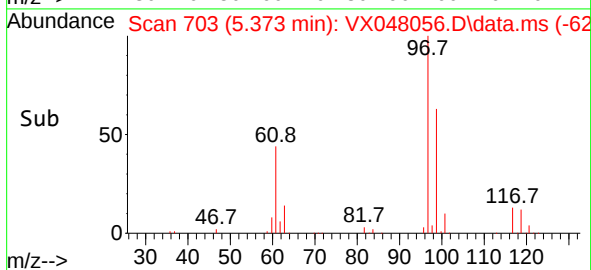
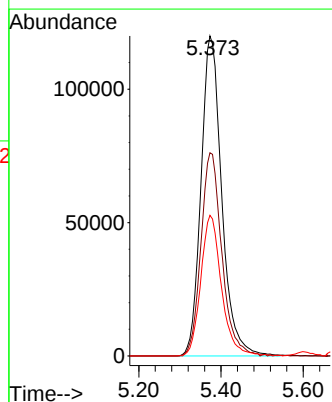
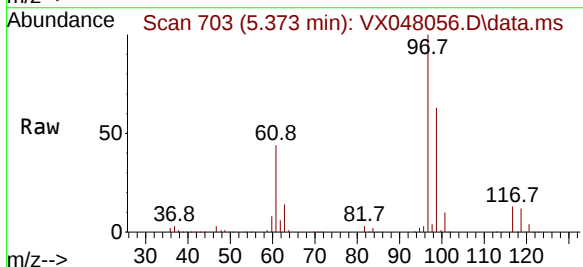
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

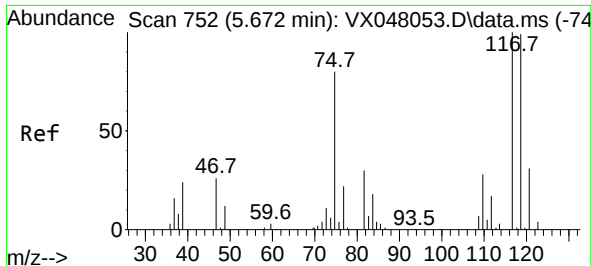
Tgt Ion: 77 Resp: 365554
Ion Ratio Lower Upper
77 100
97 21.8 13.8 20.8#



#32
1,1,1-Trichloroethane
Concen: 151.460 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

Tgt Ion: 97 Resp: 420228
Ion Ratio Lower Upper
97 100
99 64.0 50.4 75.6
61 43.7 36.9 55.3

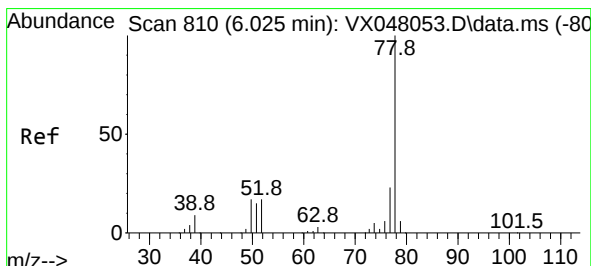
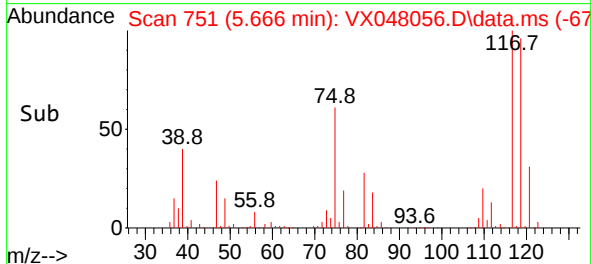
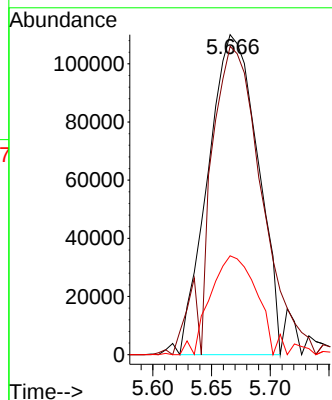
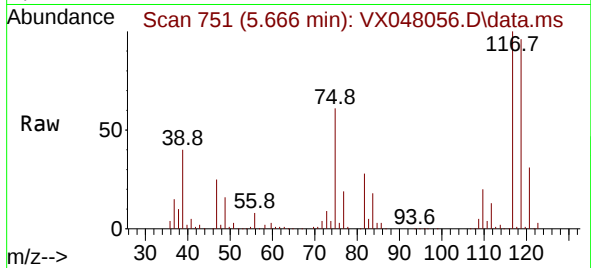




#33
Carbon Tetrachloride
Concen: 135.842 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

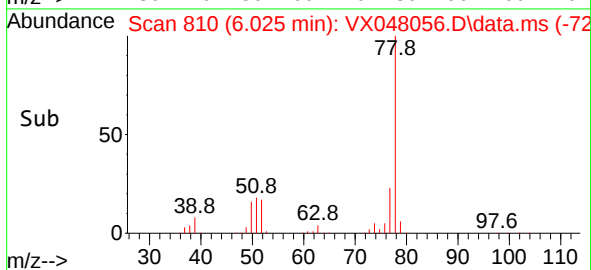
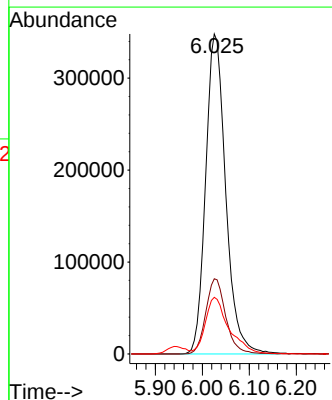
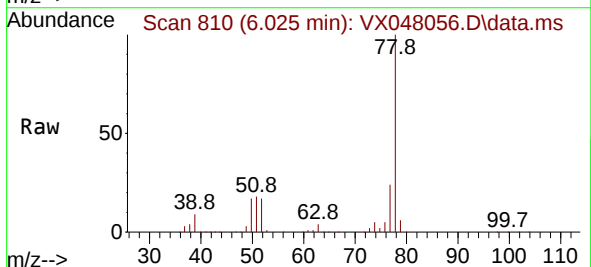
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

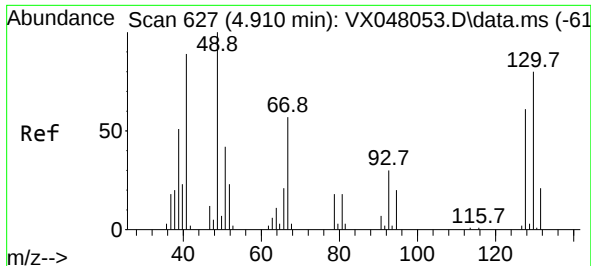
Tgt Ion:117 Resp: 324339
Ion Ratio Lower Upper
117 100
119 89.3 79.1 118.7
121 30.8 24.6 37.0



#34
Benzene
Concen: 155.151 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

Tgt Ion: 78 Resp: 1031899
Ion Ratio Lower Upper
78 100
77 22.1 16.3 24.5
51 16.5 13.8 20.8



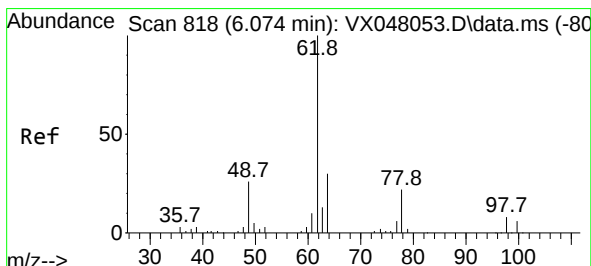
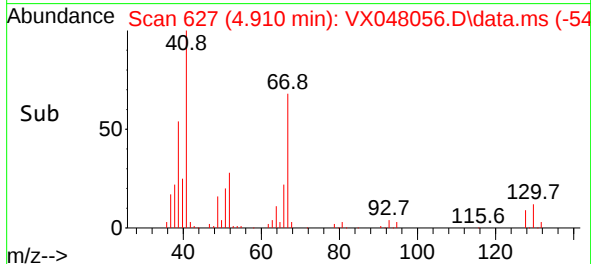
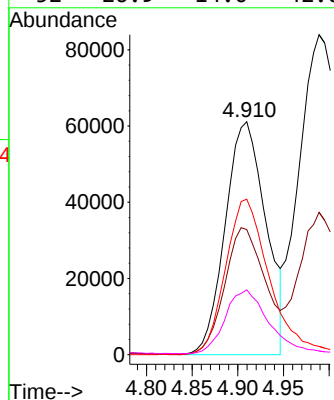
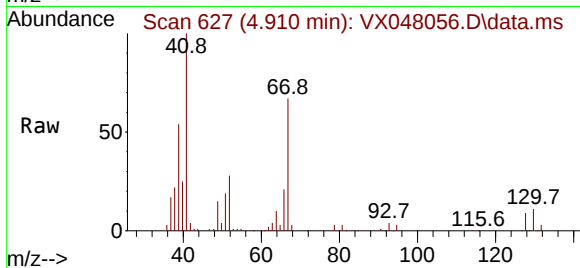


#35
Methacrylonitrile
Concen: 152.637 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 189860

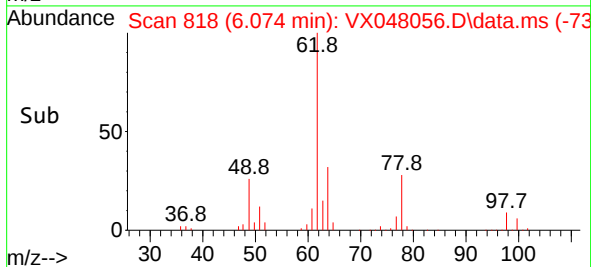
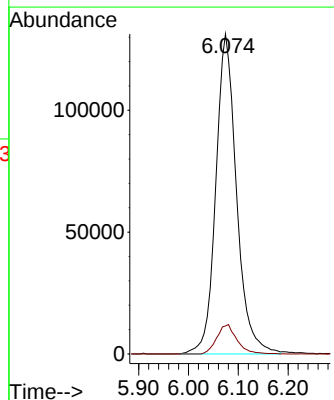
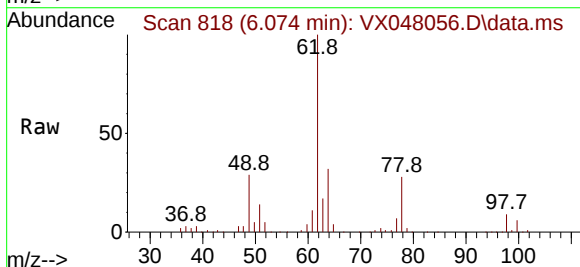
Ion	Ratio	Lower	Upper
41	100		
39	52.6	25.4	76.2
67	66.6	33.3	99.9
52	26.9	14.0	42.0

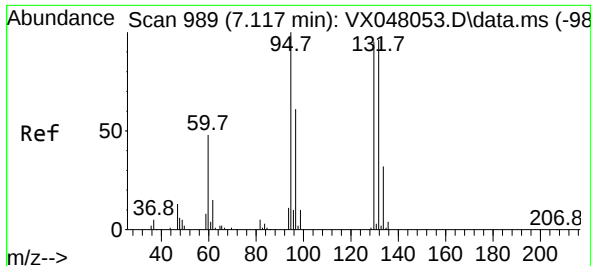


#36
1,2-Dichloroethane
Concen: 151.904 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

Tgt Ion: 62 Resp: 379781

Ion	Ratio	Lower	Upper
62	100		
98	8.9	6.6	9.8

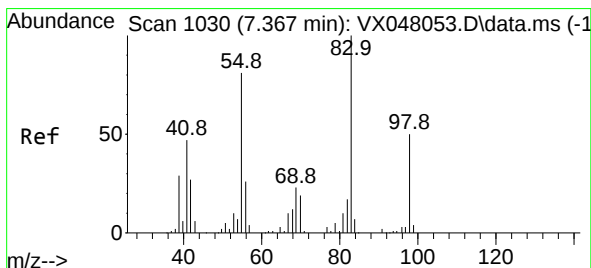
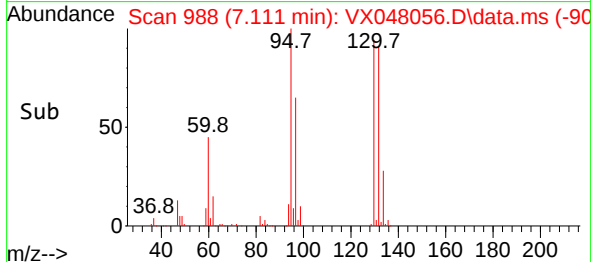
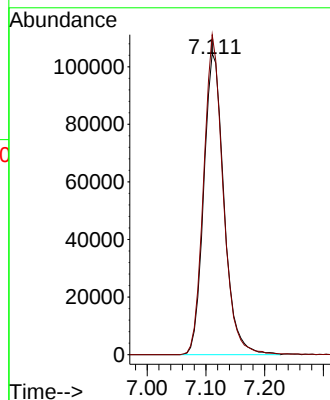
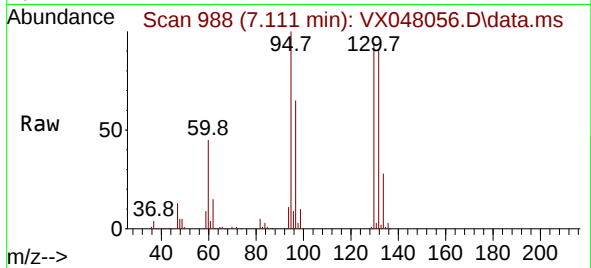




#37
Trichloroethene
Concen: 151.734 ug/l
RT: 7.111 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

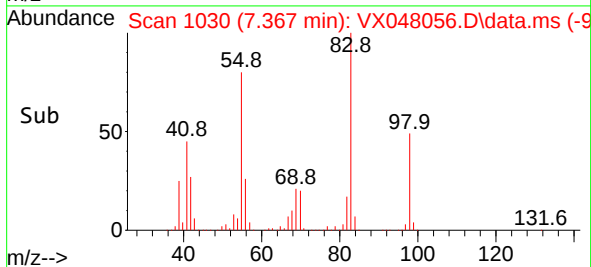
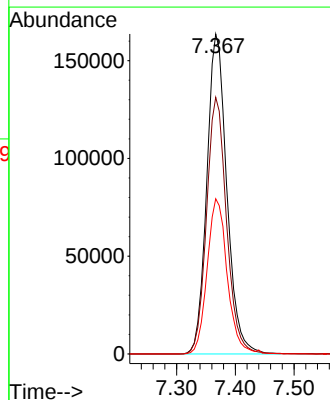
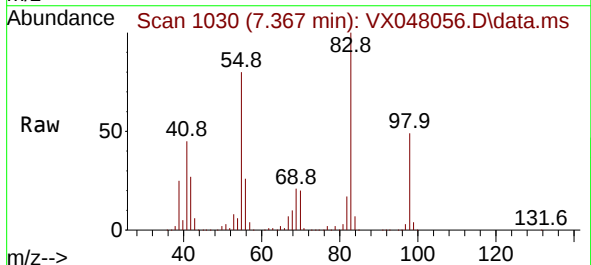
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

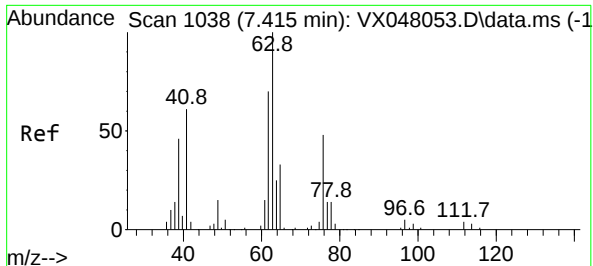
Tgt Ion:130 Resp: 250918
Ion Ratio Lower Upper
130 100
95 106.2 84.6 126.8



#38
Methylcyclohexane
Concen: 140.464 ug/l
RT: 7.367 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

Tgt Ion: 83 Resp: 387470
Ion Ratio Lower Upper
83 100
55 80.0 41.3 123.9
98 48.5 24.9 74.7





#39

1,2-Dichloropropane

Concen: 159.218 ug/l

RT: 7.415 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VX048056.D

Acq: 07 Oct 2025 18:24

Instrument :

MSVOA_X

ClientSampleId :

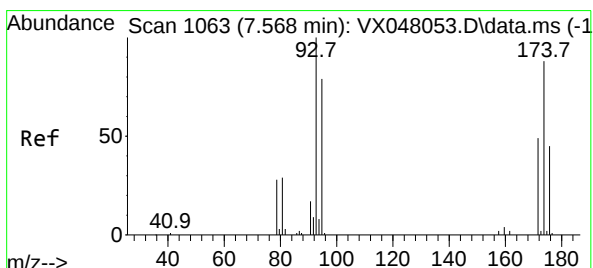
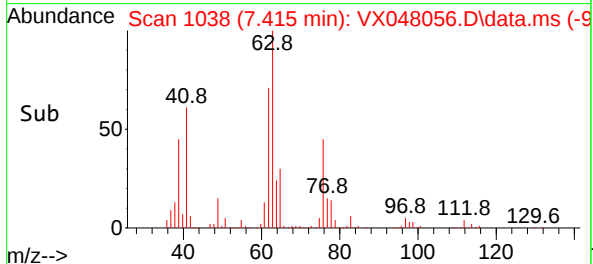
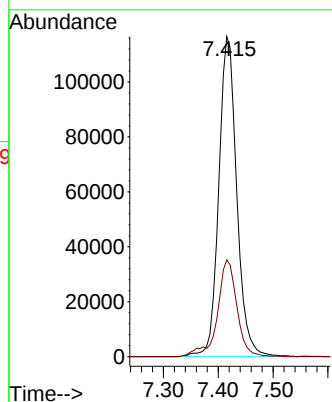
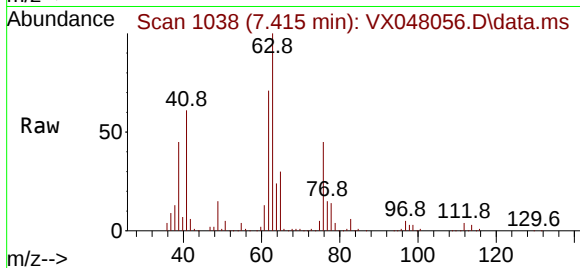
VSTDIC150

Tgt Ion: 63 Resp: 266168

Ion Ratio Lower Upper

63 100

65 30.9 26.2 39.2



#40

Dibromomethane

Concen: 9.222 ug/l

RT: 7.812 min Scan# 1103

Delta R.T. 0.244 min

Lab File: VX048056.D

Acq: 07 Oct 2025 18:24

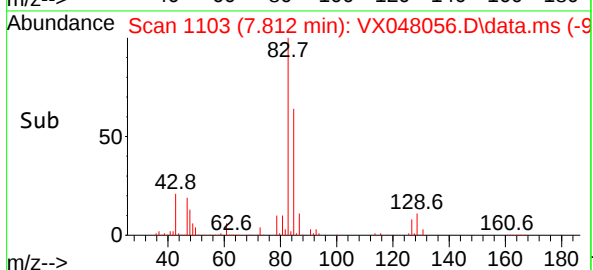
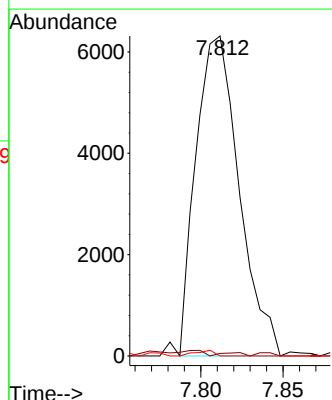
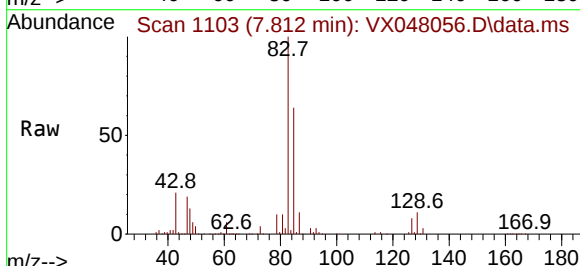
Tgt Ion: 93 Resp: 11540

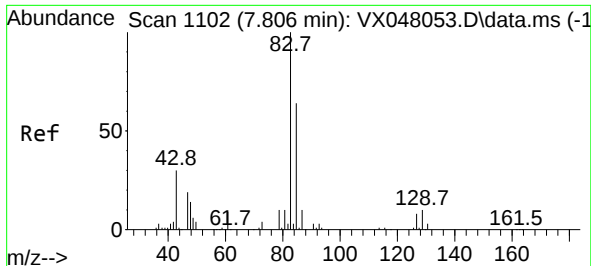
Ion Ratio Lower Upper

93 100

95 0.9 0.0 1.0

174 0.8 0.0 29.6

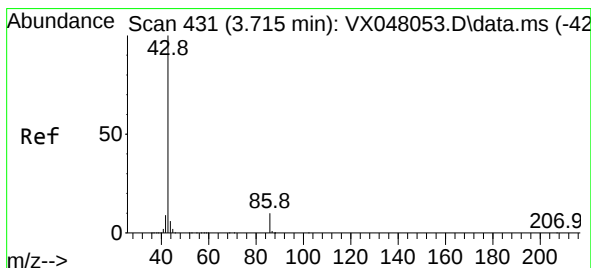
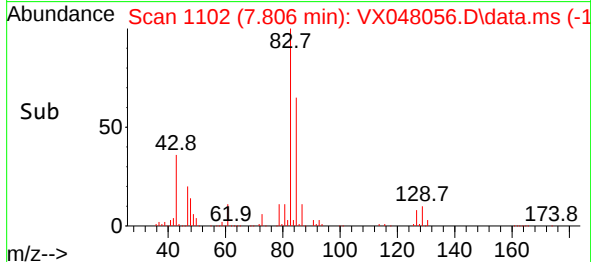
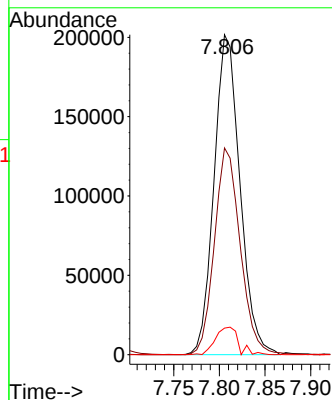
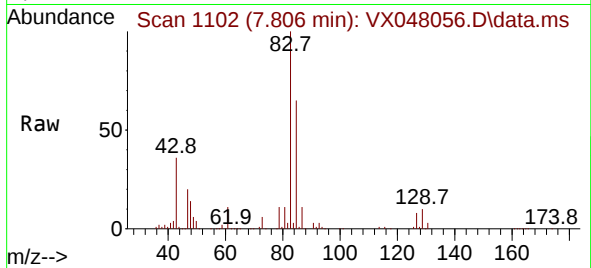




#41
Bromodichloromethane
Concen: 157.365 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

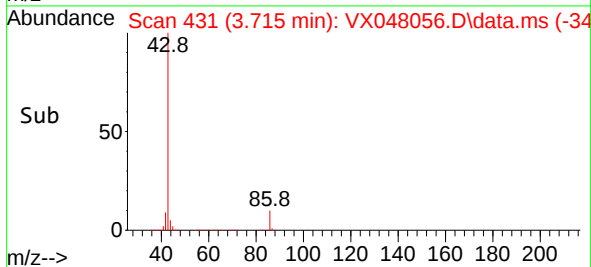
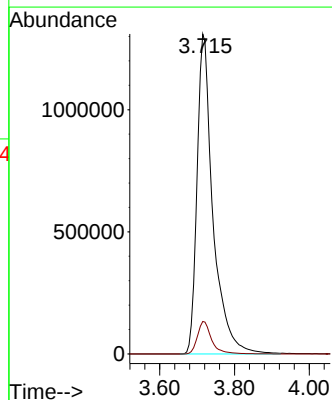
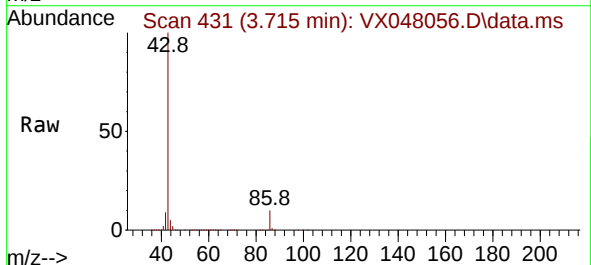
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

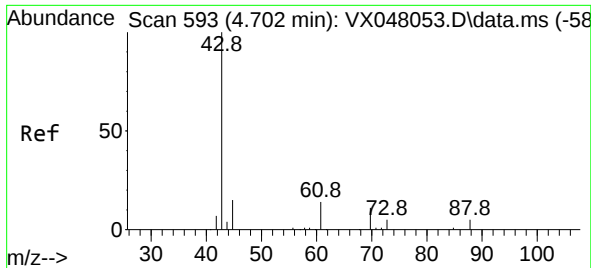
Tgt Ion: 83 Resp: 397552
Ion Ratio Lower Upper
83 100
85 63.8 50.9 76.3
127 9.0 6.8 10.2



#42
Vinyl Acetate
Concen: 851.572 ug/l
RT: 3.715 min Scan# 431
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

Tgt Ion: 43 Resp: 3867634
Ion Ratio Lower Upper
43 100
86 9.0 7.1 10.7

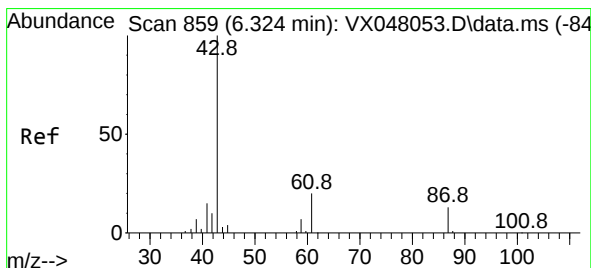
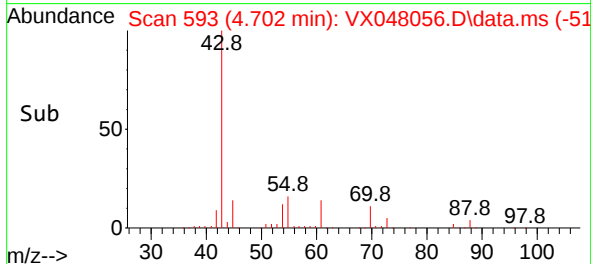
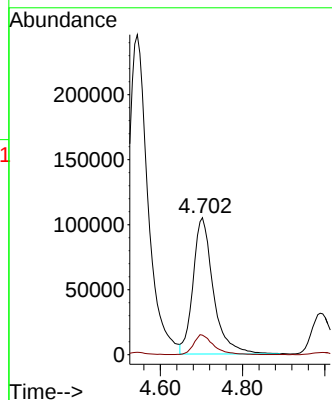
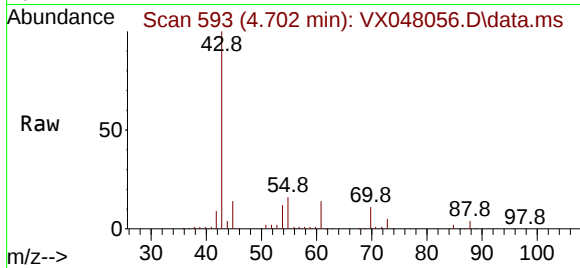




#43
Ethyl Acetate
Concen: 166.633 ug/l
RT: 4.702 min Scan# 593
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

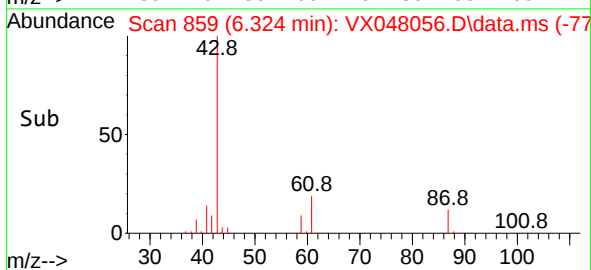
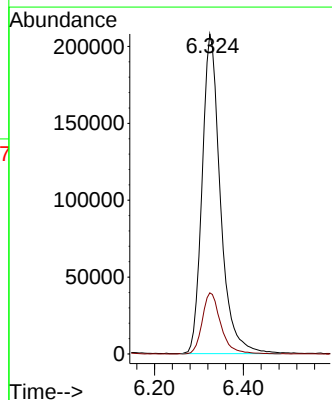
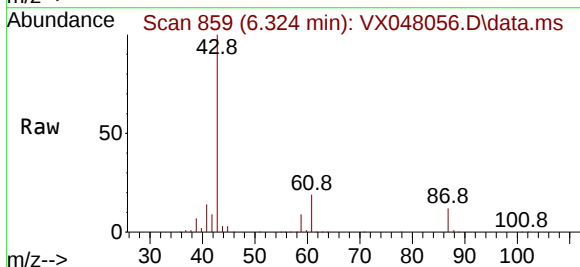
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

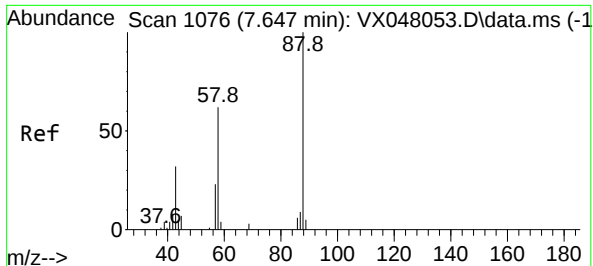
Tgt Ion: 43 Resp: 358316
Ion Ratio Lower Upper
43 100
45 14.4 12.3 18.5



#44
Isopropyl Acetate
Concen: 173.249 ug/l
RT: 6.324 min Scan# 859
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

Tgt Ion: 43 Resp: 595354
Ion Ratio Lower Upper
43 100
61 19.4 15.5 23.3

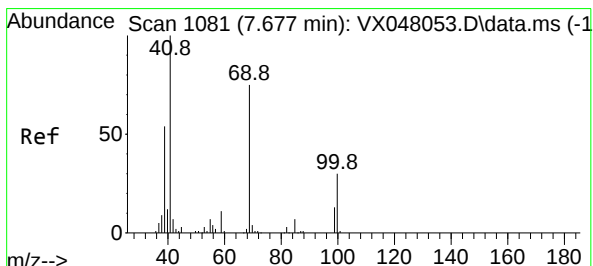
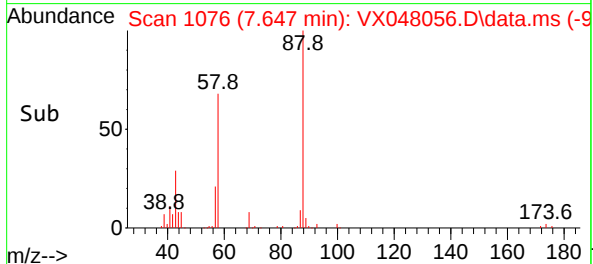
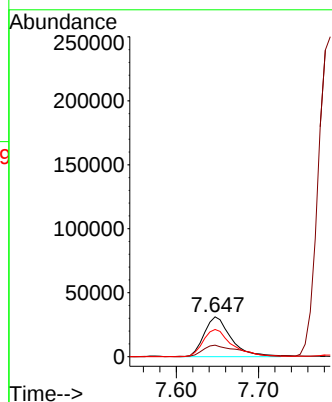
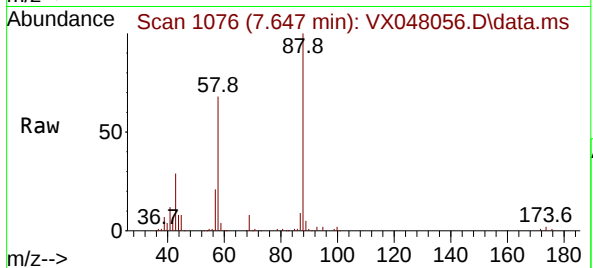




#45
1,4-Dioxane
Concen: 3333.999 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

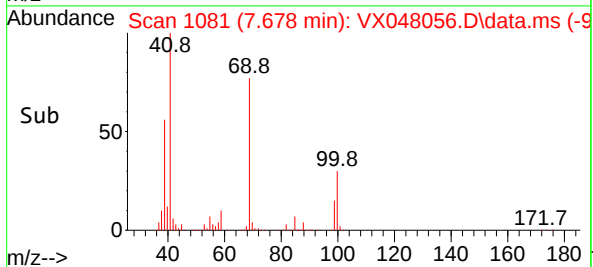
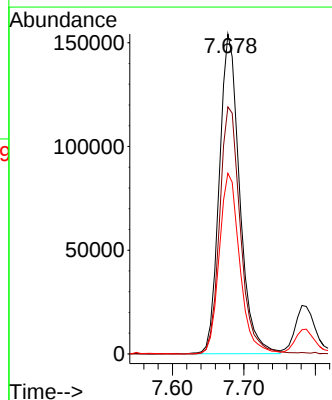
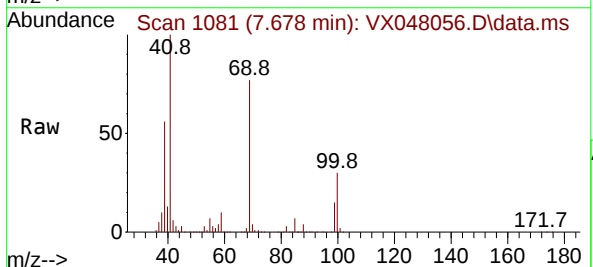
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

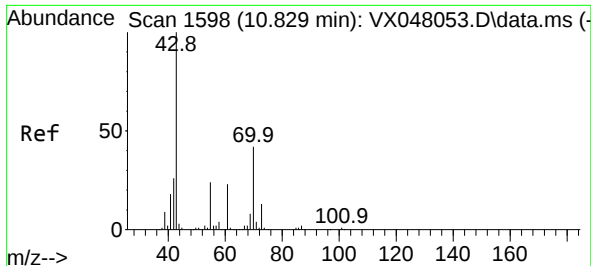
Tgt Ion: 88 Resp: 70949
Ion Ratio Lower Upper
88 100
43 36.9 20.3 30.5#
58 73.3 57.4 86.0



#46
Methyl methacrylate
Concen: 167.011 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

Tgt Ion: 41 Resp: 304232
Ion Ratio Lower Upper
41 100
69 77.3 37.4 112.1
39 56.2 27.0 80.8

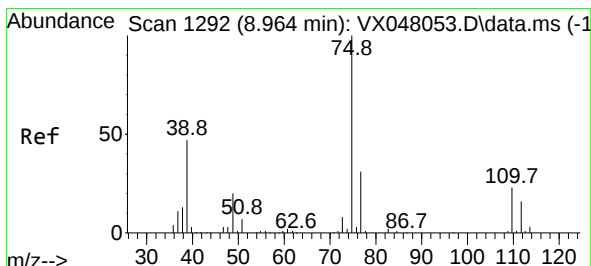
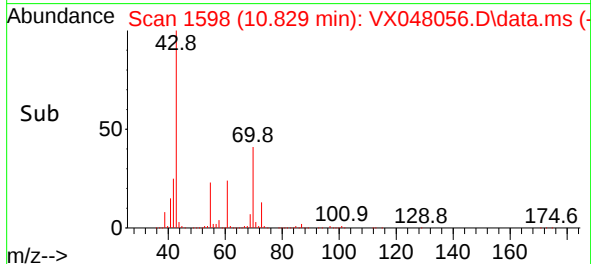
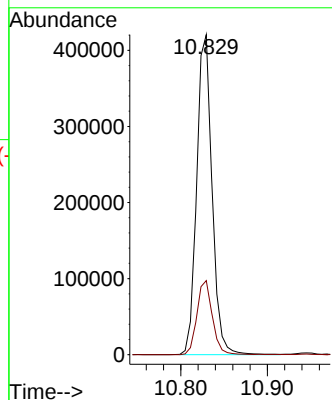
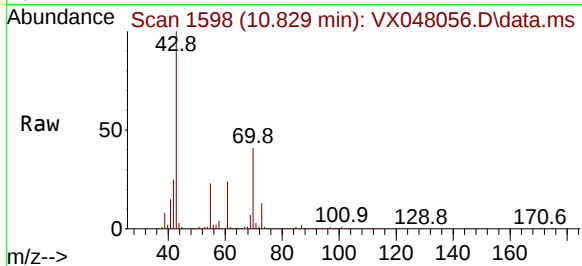




#47
n-amy1 Acetate
Concen: 166.347 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

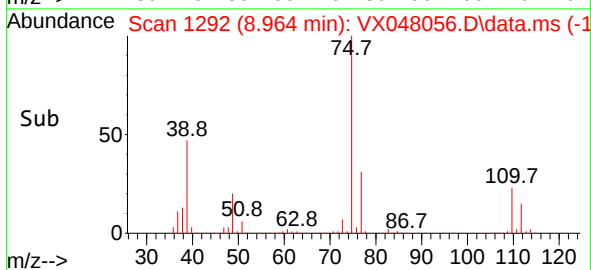
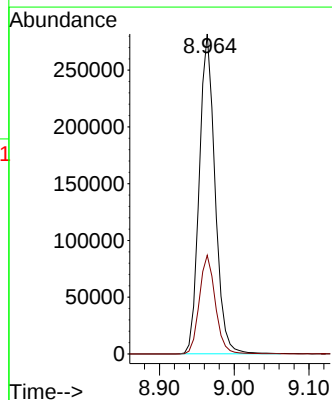
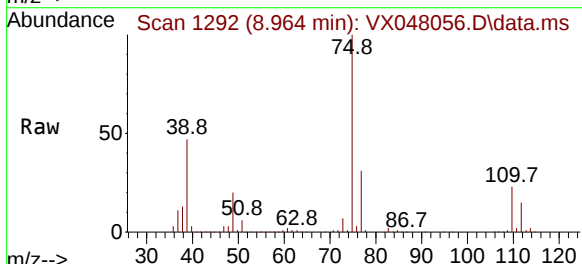
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

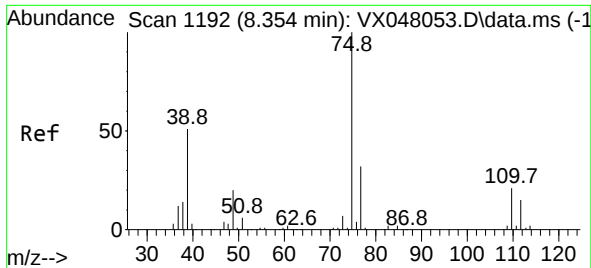
Tgt Ion: 43 Resp: 516857
Ion Ratio Lower Upper
43 100
55 23.2 19.4 29.0



#48
t-1,3-Dichloropropene
Concen: 176.681 ug/l
RT: 8.964 min Scan# 1292
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

Tgt Ion: 75 Resp: 413161
Ion Ratio Lower Upper
75 100
77 31.9 25.7 38.5

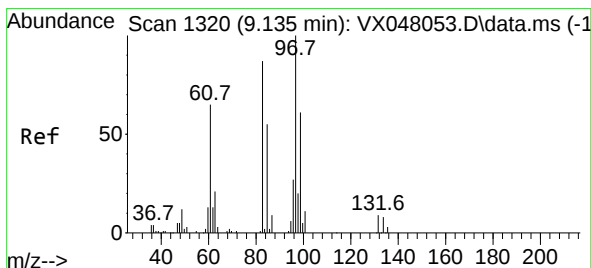
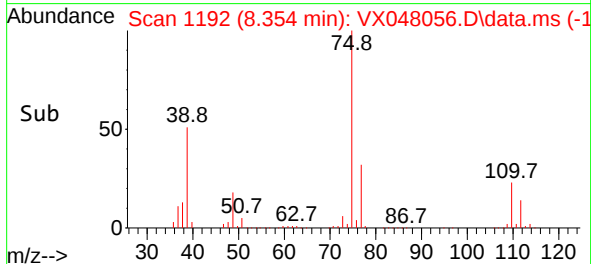
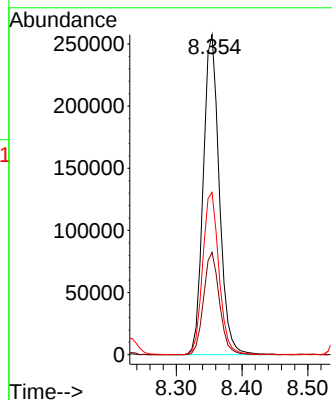
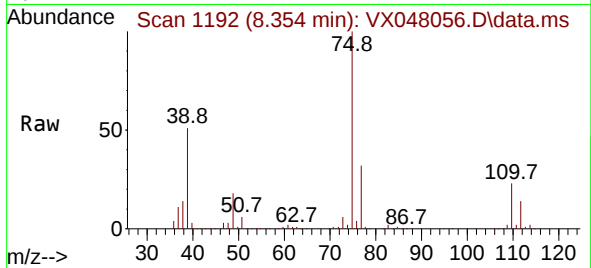




#49
 cis-1,3-Dichloropropene
 Concen: 169.192 ug/l
 RT: 8.354 min Scan# 1192
 Delta R.T. 0.000 min
 Lab File: VX048056.D
 Acq: 07 Oct 2025 18:24

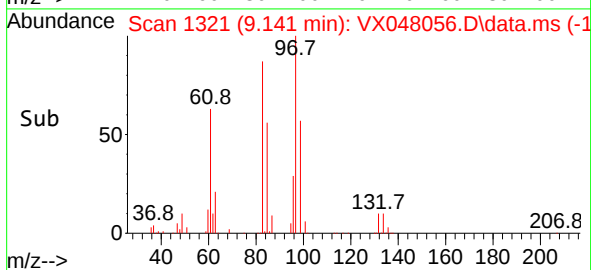
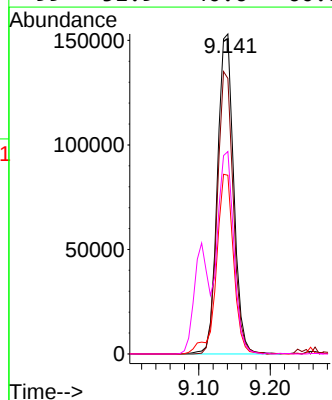
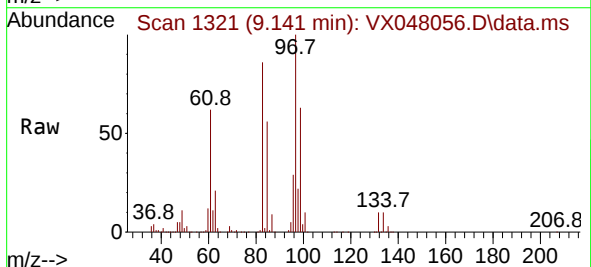
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

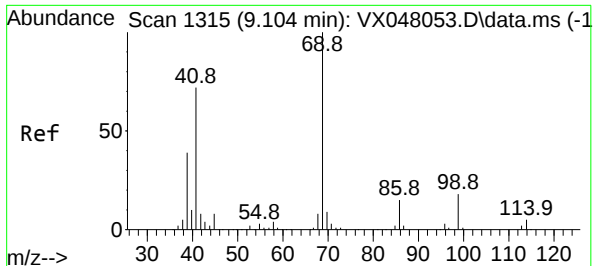
Tgt Ion: 75 Resp: 437263
 Ion Ratio Lower Upper
 75 100
 77 33.0 26.9 40.3
 39 50.7 41.2 61.8



#50
 1,1,2-Trichloroethane
 Concen: 153.330 ug/l
 RT: 9.141 min Scan# 1321
 Delta R.T. 0.006 min
 Lab File: VX048056.D
 Acq: 07 Oct 2025 18:24

Tgt Ion: 97 Resp: 242082
 Ion Ratio Lower Upper
 97 100
 83 70.8 58.9 88.3
 85 45.9 36.8 55.2
 99 51.9 40.6 60.8

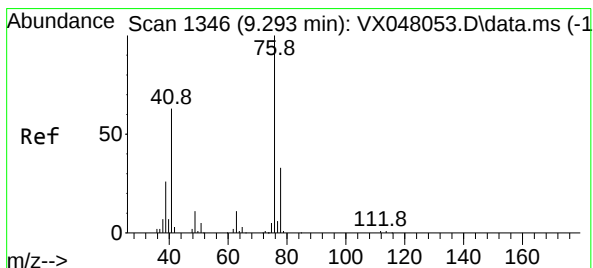
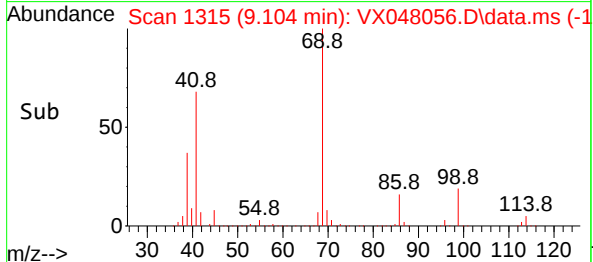
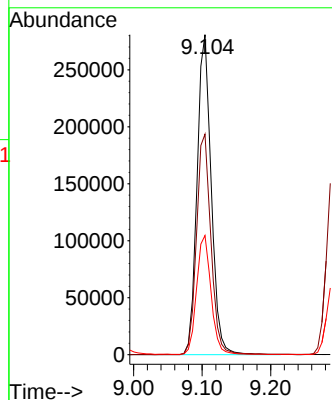
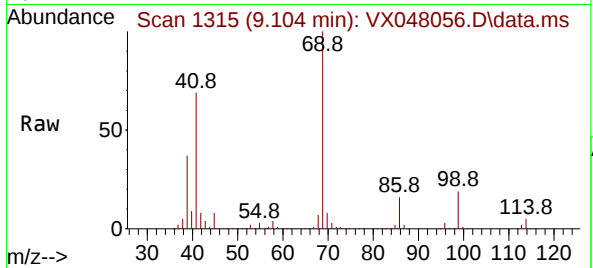




#51
Ethyl methacrylate
Concen: 169.577 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

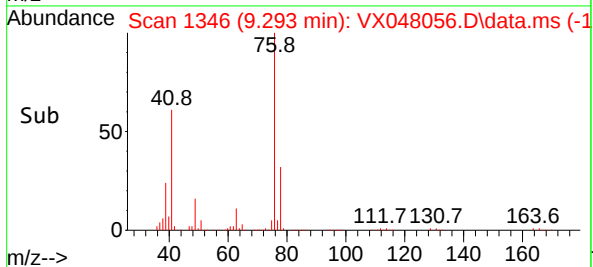
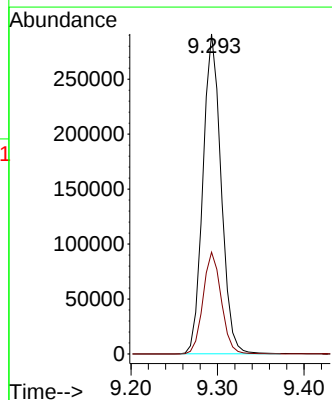
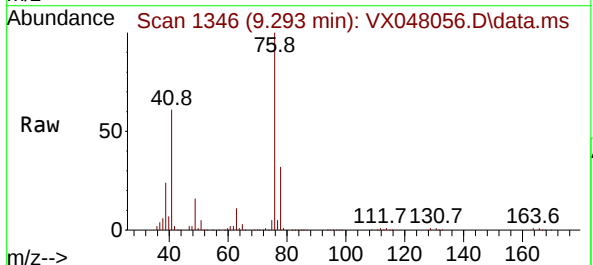
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

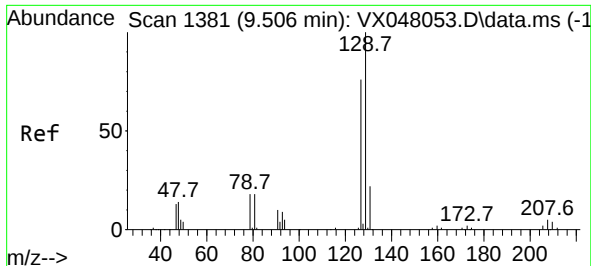
Tgt Ion: 69 Resp: 404712
Ion Ratio Lower Upper
69 100
41 68.9 35.9 107.8
39 37.2 19.3 57.9



#52
1,3-Dichloropropane
Concen: 155.312 ug/l
RT: 9.293 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

Tgt Ion: 76 Resp: 424673
Ion Ratio Lower Upper
76 100
78 31.7 0.0 64.2

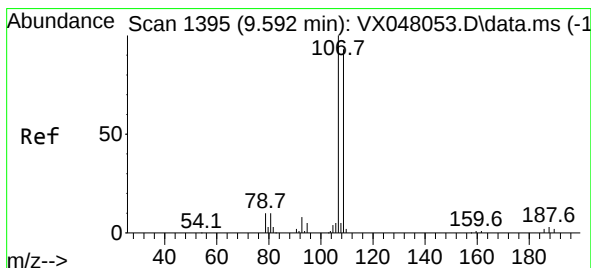
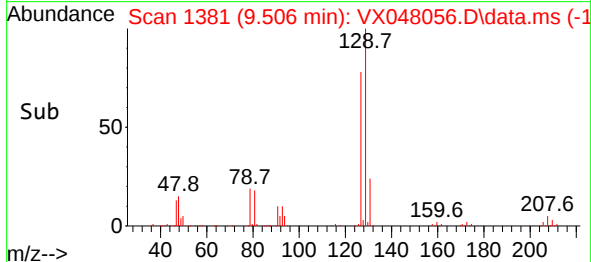
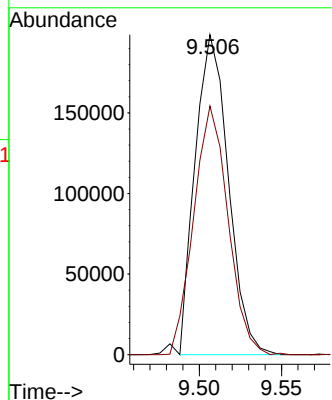
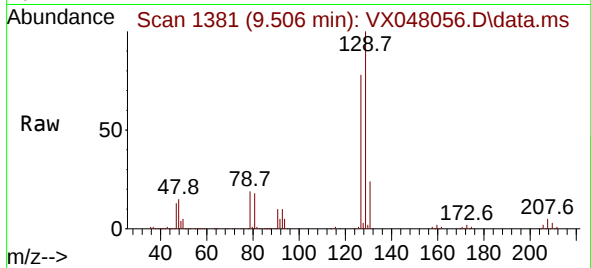




#53
Dibromochloromethane
Concen: 160.787 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

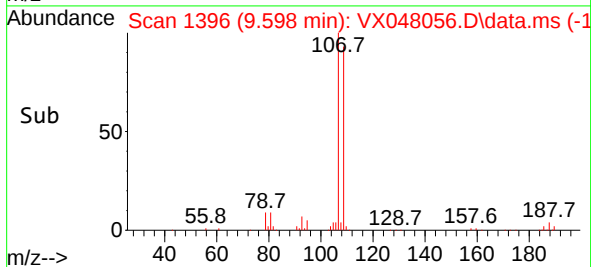
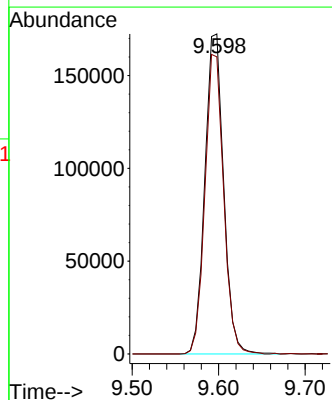
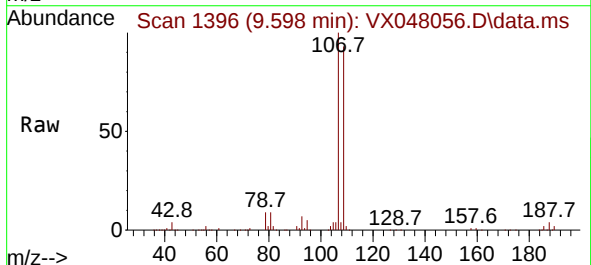
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

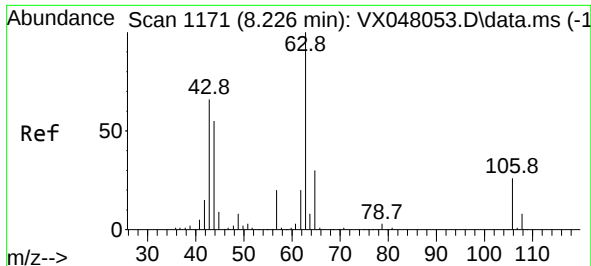
Tgt Ion:129 Resp: 279064
Ion Ratio Lower Upper
129 100
127 80.0 0.1 0.5#



#54
1,2-Dibromoethane
Concen: 156.835 ug/l
RT: 9.598 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

Tgt Ion:107 Resp: 259777
Ion Ratio Lower Upper
107 100
109 93.0 75.2 112.8





#55

2-Chloroethyl vinyl ether

Concen: 847.695 ug/l

RT: 8.232 min Scan# 1171

Delta R.T. 0.006 min

Lab File: VX048056.D

Acq: 07 Oct 2025 18:24

Instrument :

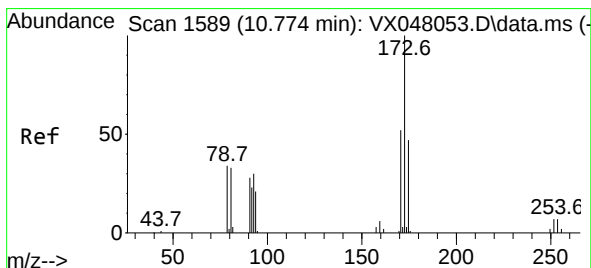
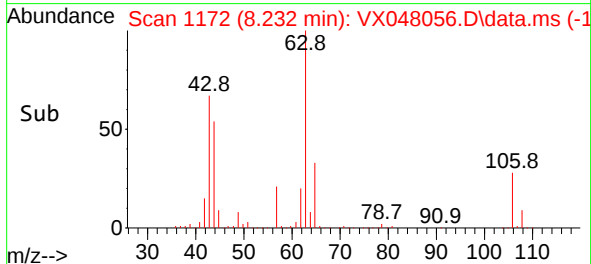
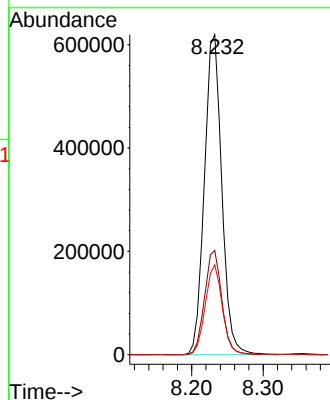
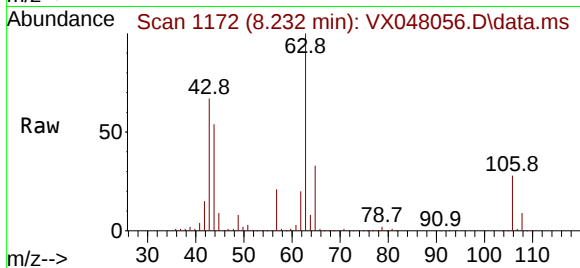
MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 63 Resp: 1046322

Ion	Ratio	Lower	Upper
63	100		
65	32.4	25.0	37.4
106	27.7	21.9	32.9



#56

Bromoform

Concen: 0.389 ug/l

RT: 10.768 min Scan# 1588

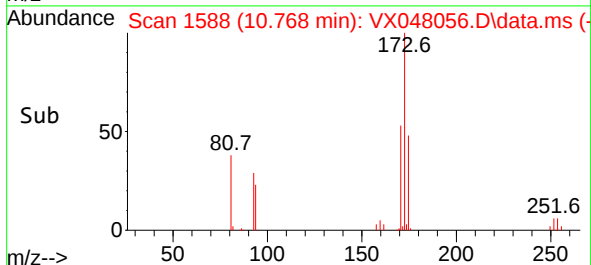
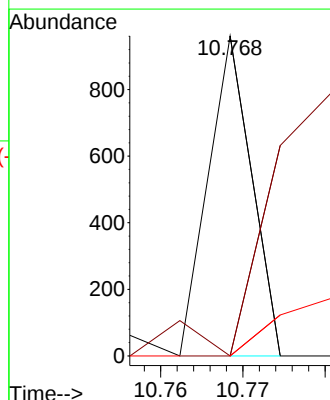
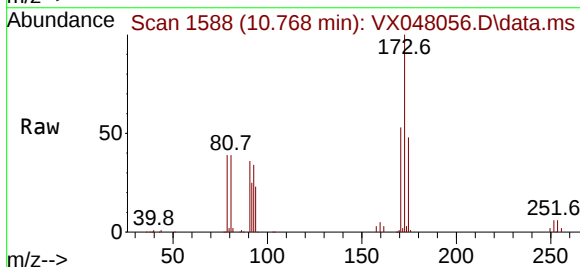
Delta R.T. -0.006 min

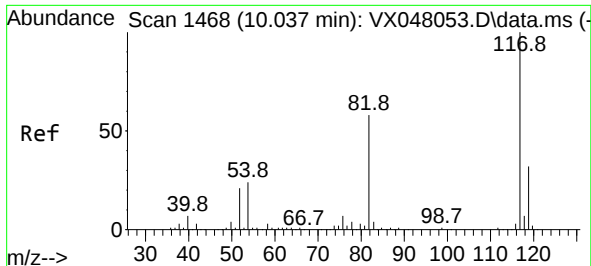
Lab File: VX048056.D

Acq: 07 Oct 2025 18:24

Tgt Ion: 173 Resp: 352

Ion	Ratio	Lower	Upper
173	100		
175	0.0	281.0	421.6#
254	0.0	0.0	0.0

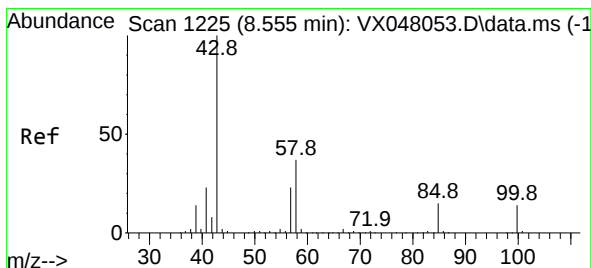
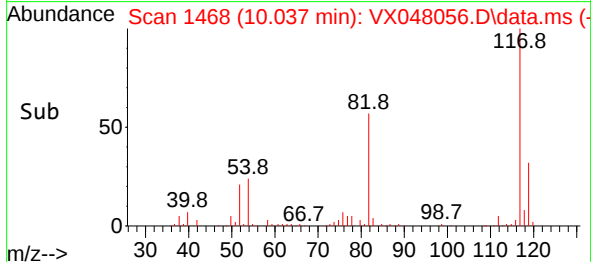
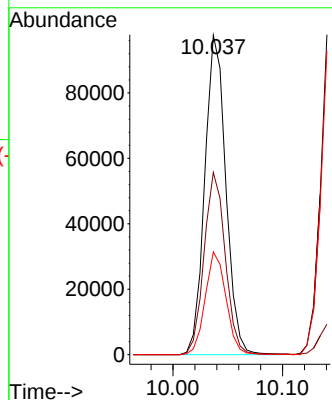
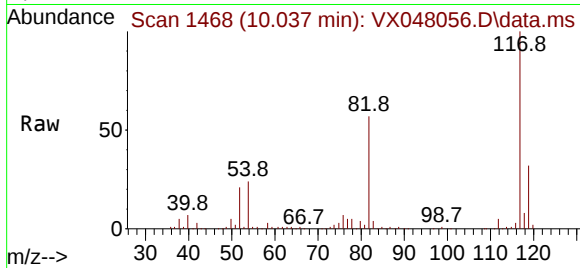




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

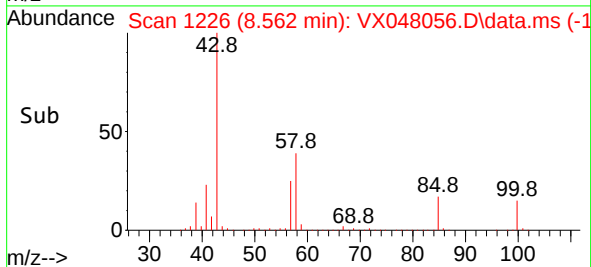
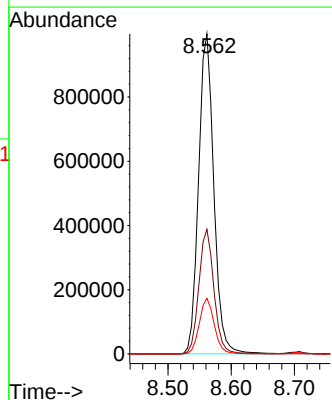
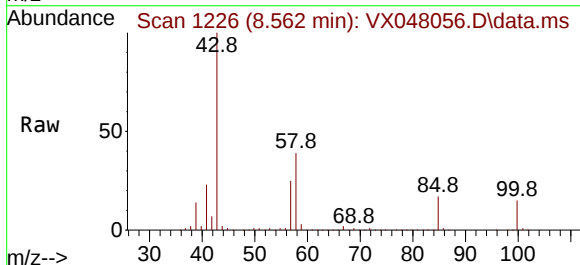
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

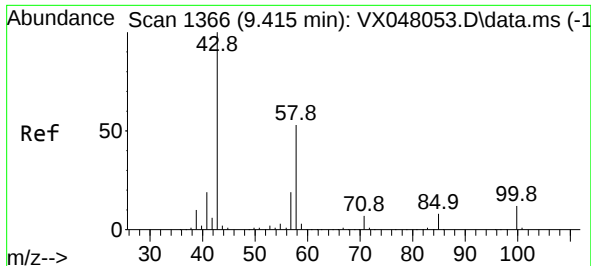
Tgt Ion: 117 Resp: 130576
Ion Ratio Lower Upper
117 100
82 57.5 46.2 69.4
119 31.9 25.6 38.4



#58
4-Methyl-2-Pentanone
Concen: 779.918 ug/l
RT: 8.562 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

Tgt Ion: 43 Resp: 1674036
Ion Ratio Lower Upper
43 100
58 38.7 29.5 44.3
85 17.1 12.8 19.2





#59

2-Hexanone

Concen: 780.457 ug/l

RT: 9.415 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048056.D

Acq: 07 Oct 2025 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

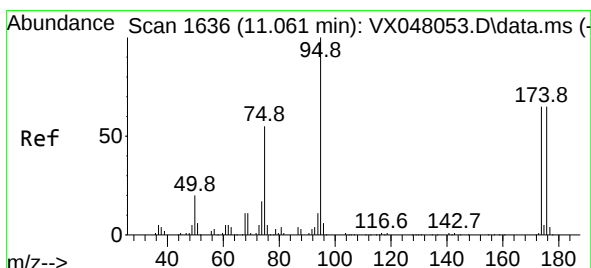
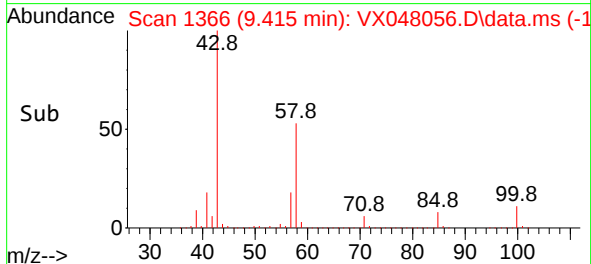
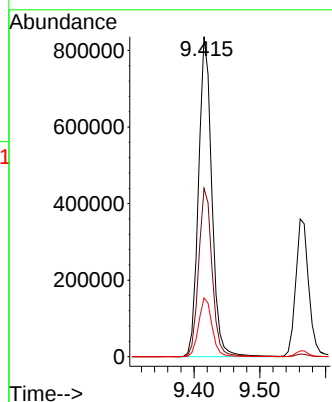
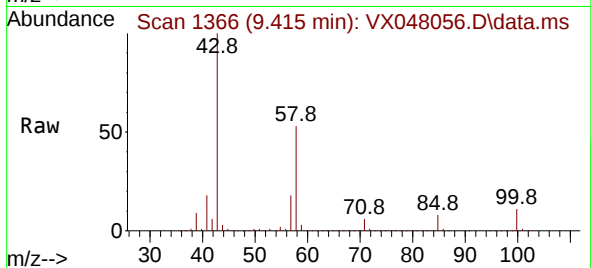
Tgt Ion: 43 Resp: 1171768

Ion Ratio Lower Upper

43 100

58 53.3 42.2 63.2

57 18.5 14.2 21.4



#60

4-Bromofluorobenzene

Concen: 28.611 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. 0.000 min

Lab File: VX048056.D

Acq: 07 Oct 2025 18:24

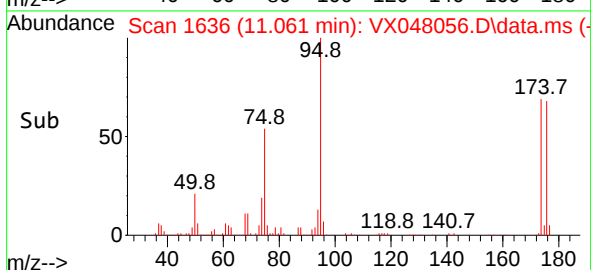
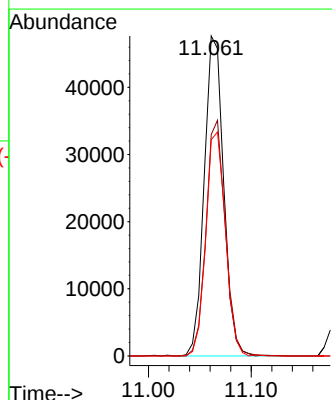
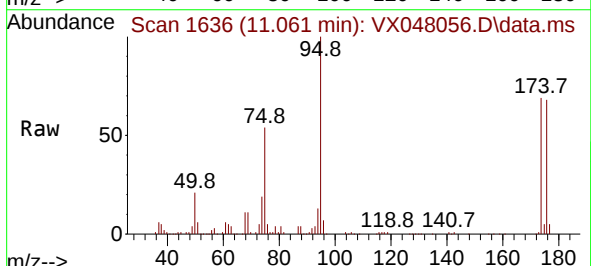
Tgt Ion: 95 Resp: 62831

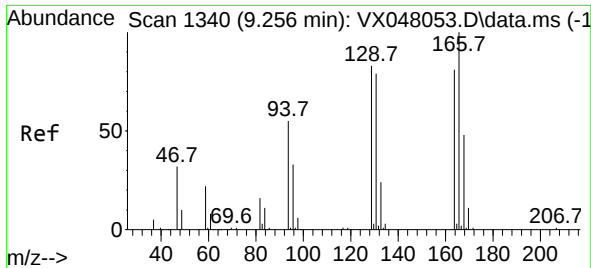
Ion Ratio Lower Upper

95 100

174 73.0 55.8 83.8

176 70.3 55.0 82.4

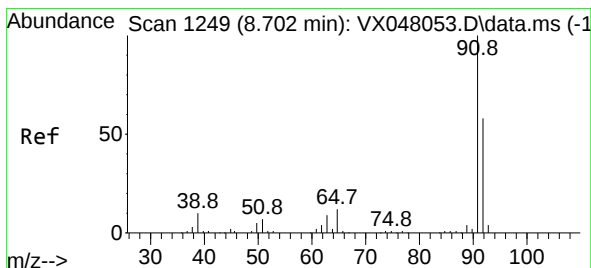
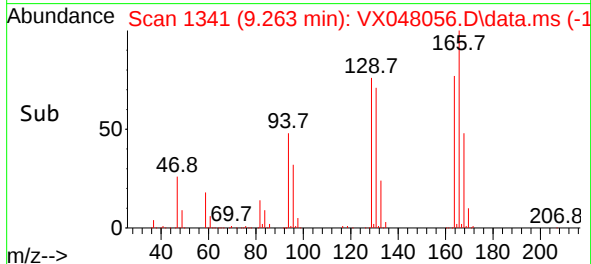
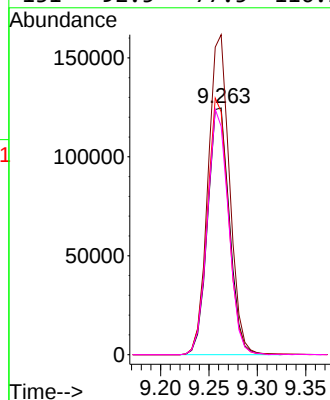
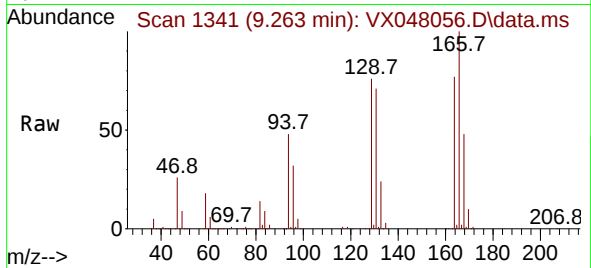




#61
Tetrachloroethene
Concen: 144.504 ug/l
RT: 9.263 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

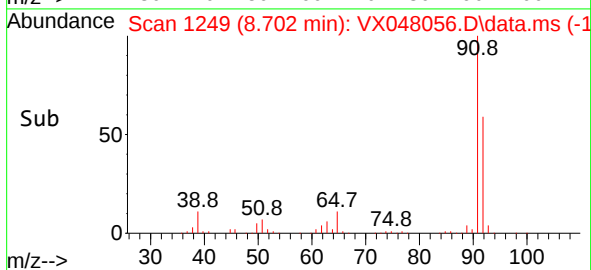
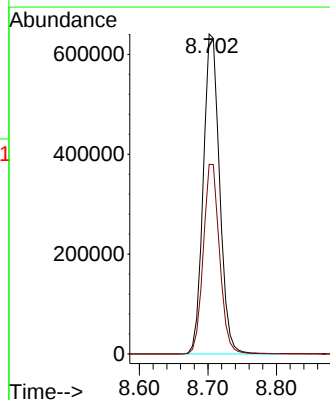
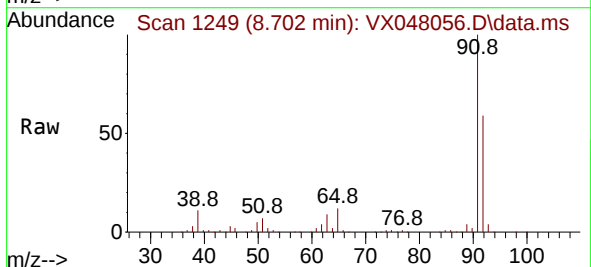
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

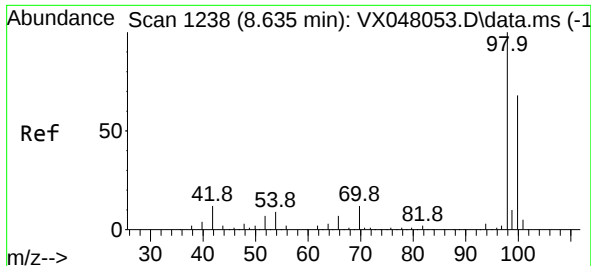
Tgt Ion:164 Resp: 195103
Ion Ratio Lower Upper
164 100
166 129.7 97.3 145.9
129 98.4 81.6 122.4
131 92.5 77.5 116.3



#62
Toluene
Concen: 151.040 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

Tgt Ion: 91 Resp: 1064264
Ion Ratio Lower Upper
91 100
92 59.1 47.1 70.7

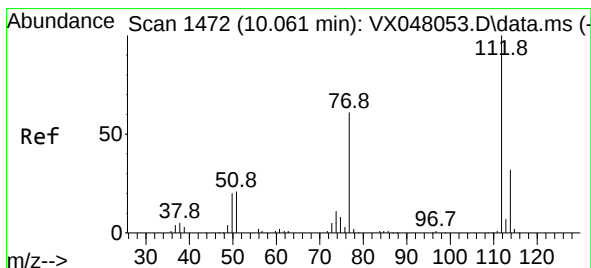
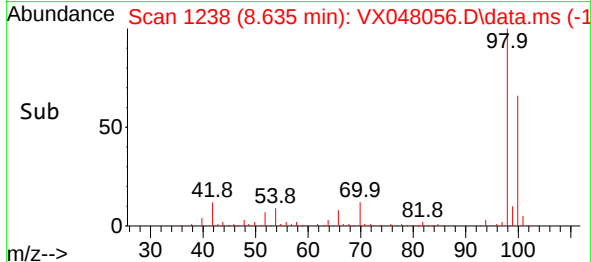
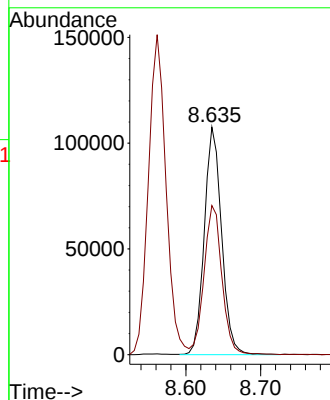
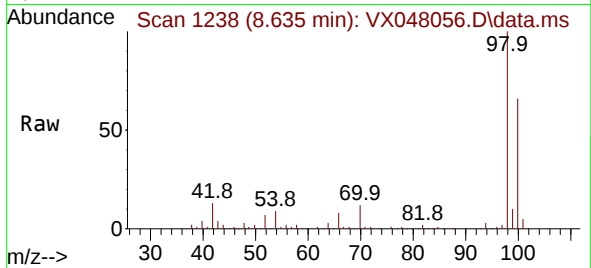




#63
Toluene-d8
Concen: 29.638 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

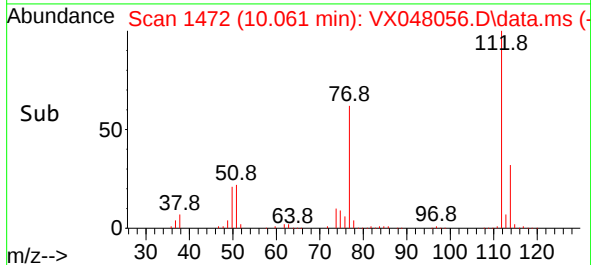
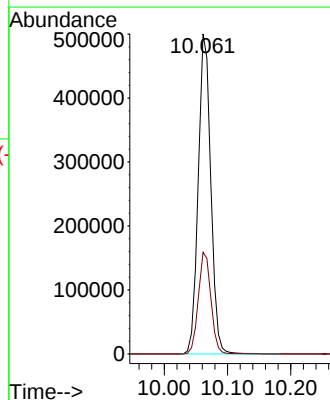
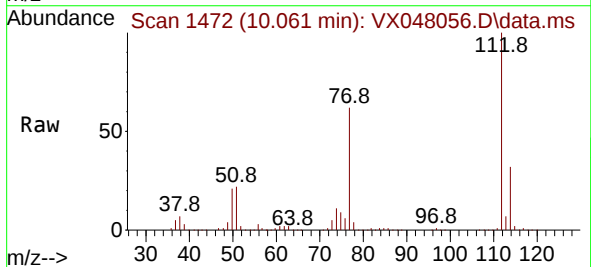
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

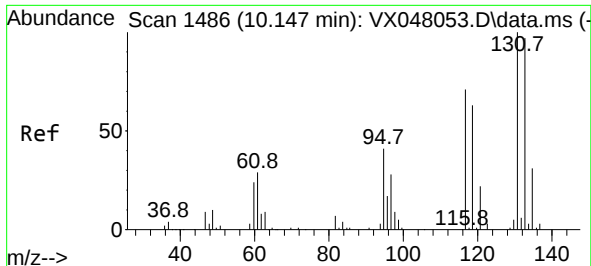
Tgt Ion: 98 Resp: 172661
Ion Ratio Lower Upper
98 100
100 67.5 54.1 81.1



#64
Chlorobenzene
Concen: 151.722 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

Tgt Ion: 112 Resp: 690887
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3

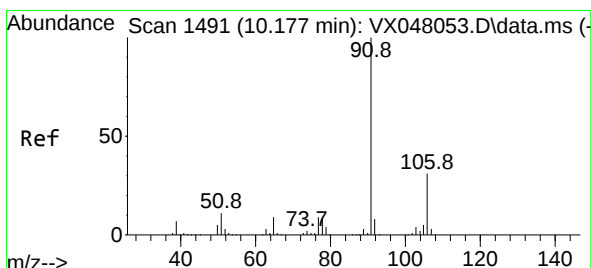
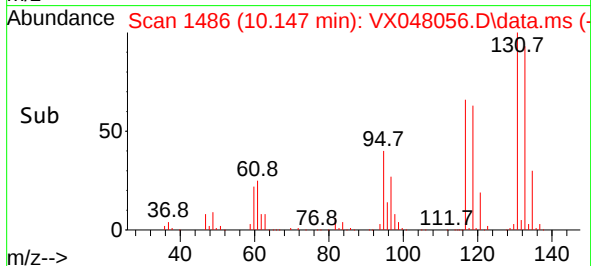
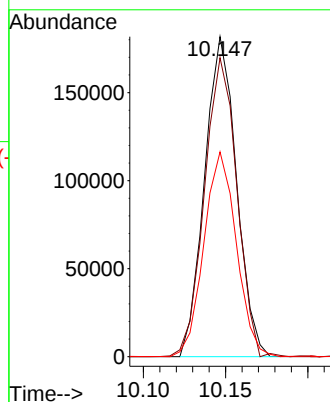
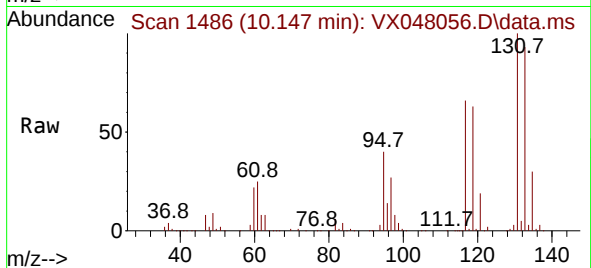




#65
1,1,1,2-Tetrachloroethane
Concen: 158.903 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

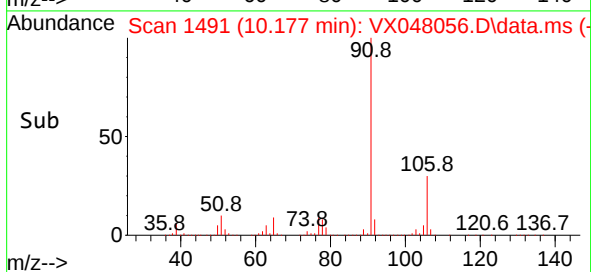
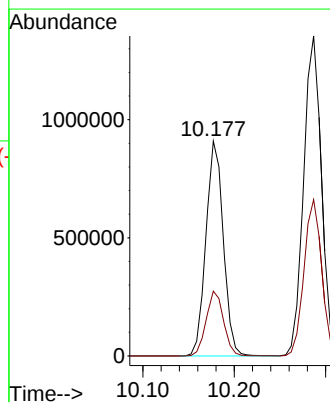
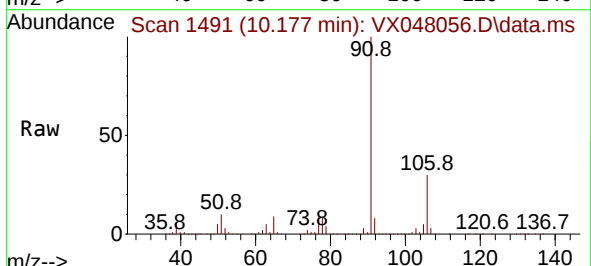
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

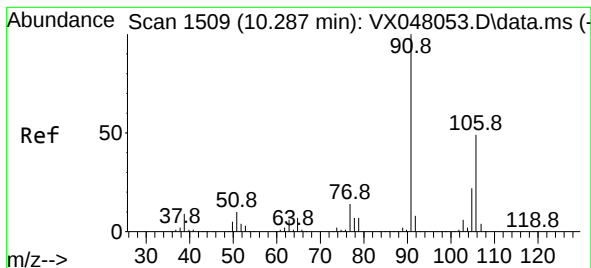
Tgt Ion:131 Resp: 244687
Ion Ratio Lower Upper
131 100
133 94.4 0.0 188.0
119 65.0 0.0 44.4#



#66
Ethyl Benzene
Concen: 150.807 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

Tgt Ion: 91 Resp: 1200011
Ion Ratio Lower Upper
91 100
106 30.2 25.0 37.6

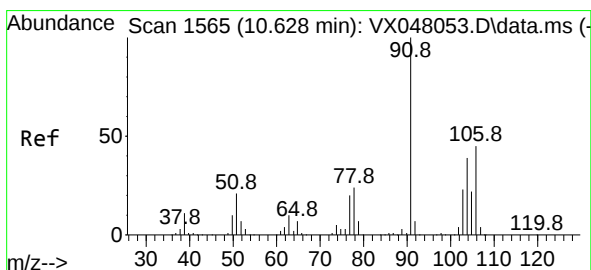
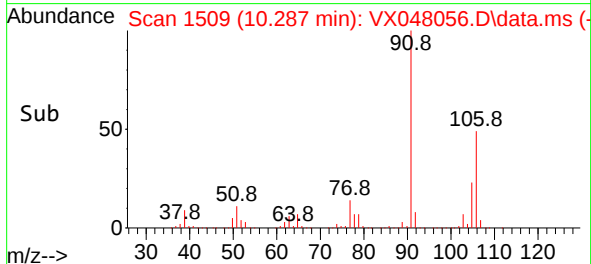
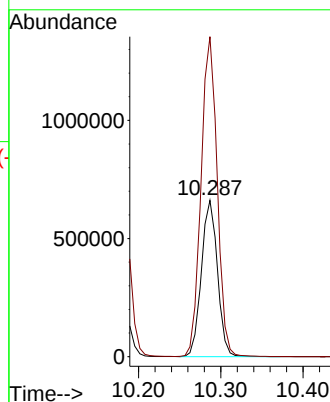
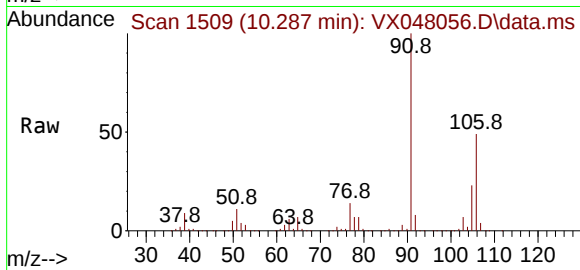




#67
m/p-Xylenes
Concen: 302.135 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

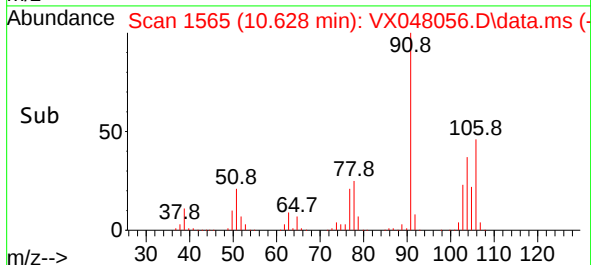
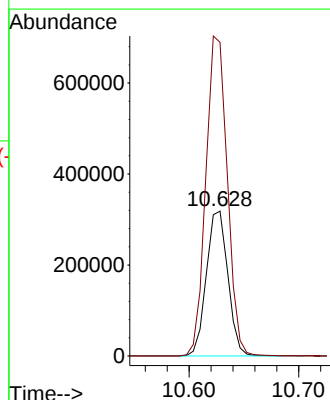
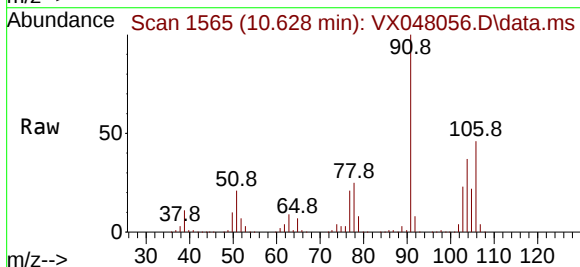
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

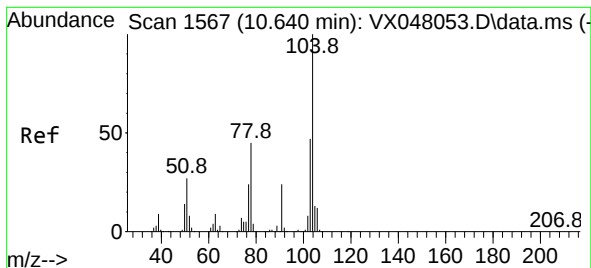
Tgt Ion:106 Resp: 896131
Ion Ratio Lower Upper
106 100
91 206.2 165.8 248.6



#68
o-Xylene
Concen: 152.775 ug/l
RT: 10.628 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

Tgt Ion:106 Resp: 434323
Ion Ratio Lower Upper
106 100
91 220.5 112.6 337.6





#69

Styrene

Concen: 154.976 ug/l

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX048056.D

Acq: 07 Oct 2025 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

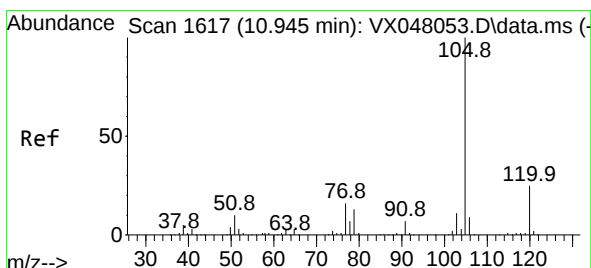
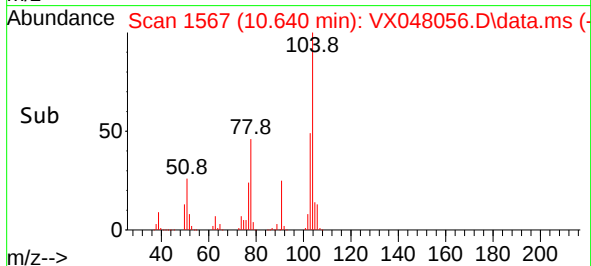
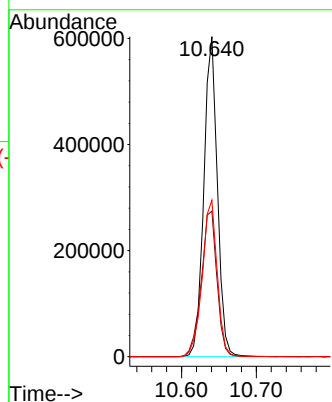
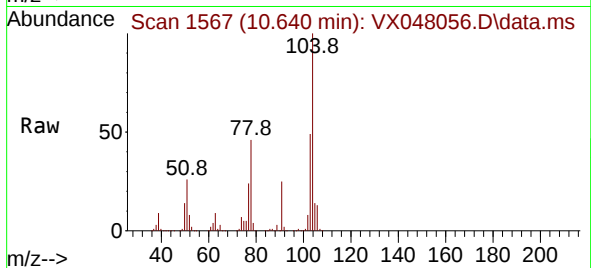
Tgt Ion:104 Resp: 760299

Ion Ratio Lower Upper

104 100

78 52.7 41.4 62.0

103 53.9 42.4 63.6



#70

Isopropylbenzene

Concen: 144.941 ug/l

RT: 10.945 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VX048056.D

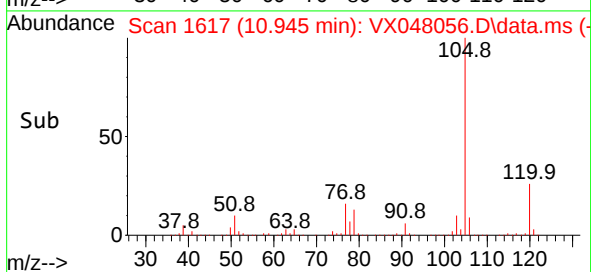
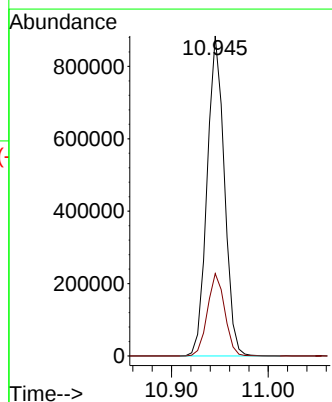
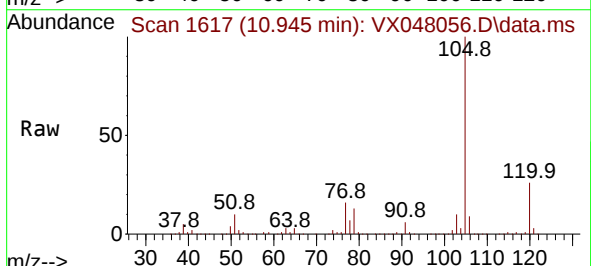
Acq: 07 Oct 2025 18:24

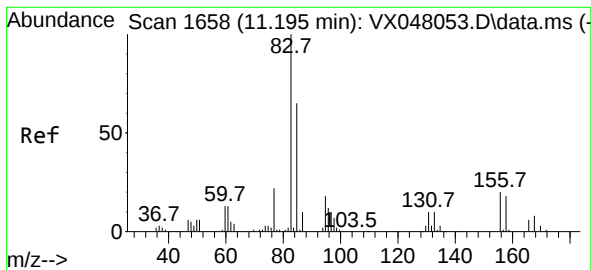
Tgt Ion:105 Resp: 1097952

Ion Ratio Lower Upper

105 100

120 25.8 18.3 33.9

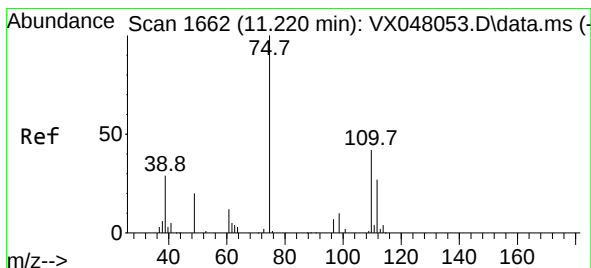
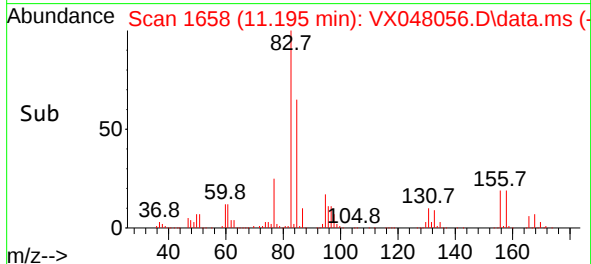
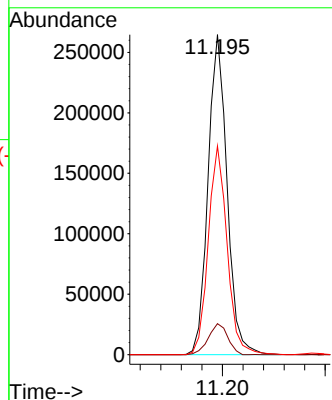
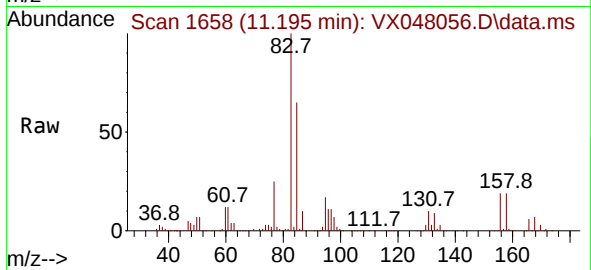




#71
1,1,2,2-Tetrachloroethane
Concen: 149.707 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

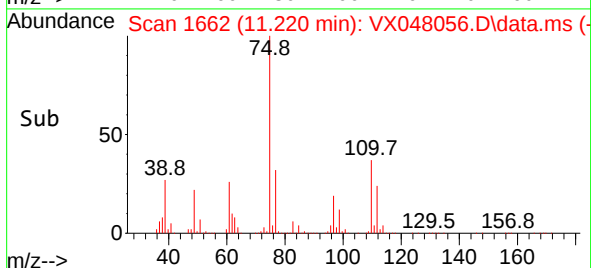
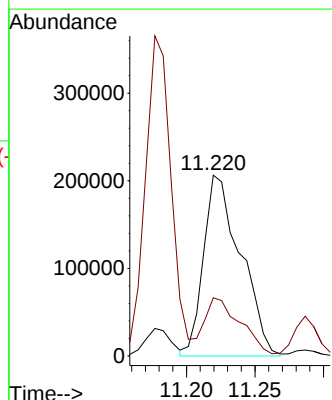
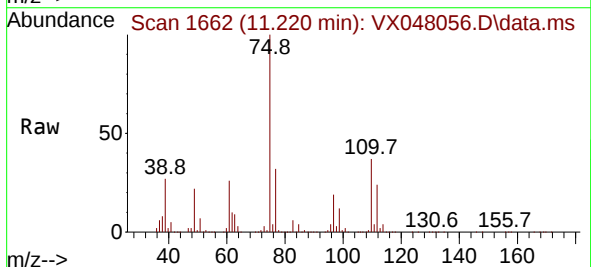
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

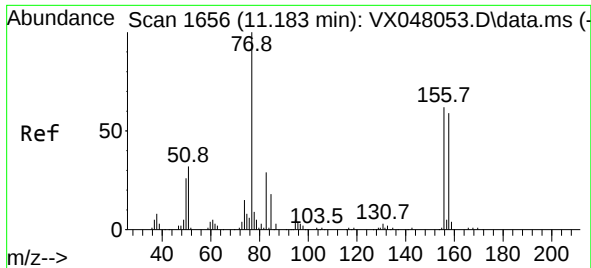
Tgt Ion: 83 Resp: 339277
Ion Ratio Lower Upper
83 100
131 10.0 4.7 14.1
85 64.8 32.0 96.2



#72
1,2,3-Trichloropropane
Concen: 203.687 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

Tgt Ion: 75 Resp: 389666
Ion Ratio Lower Upper
75 100
77 32.0 0.0 76.4

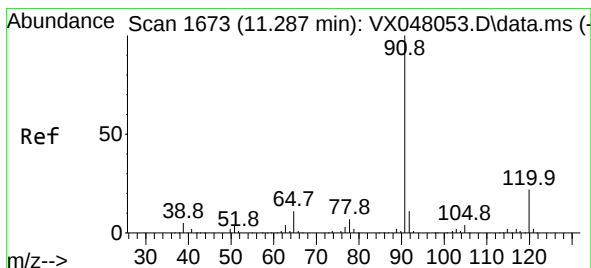
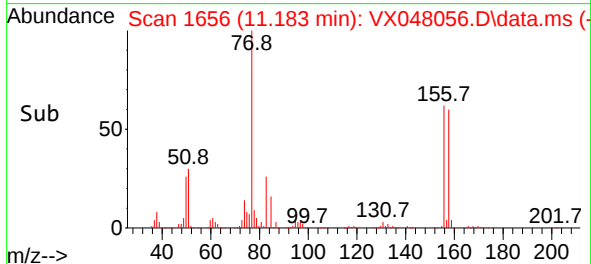
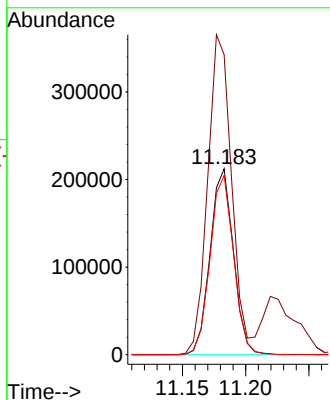
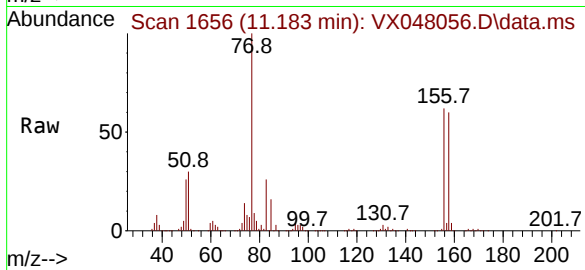




#73
Bromobenzene
Concen: 151.329 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

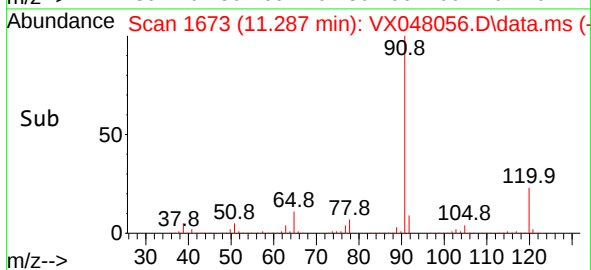
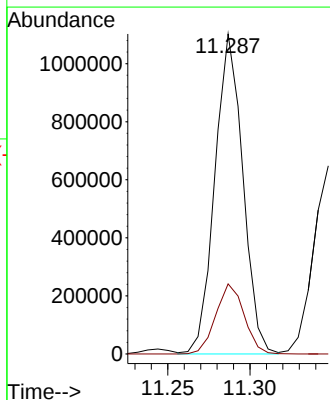
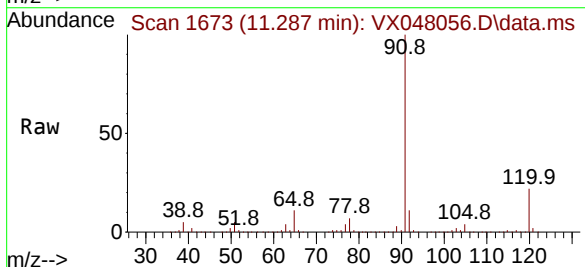
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

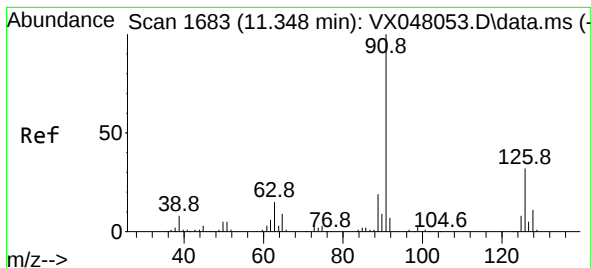
Tgt Ion:156 Resp: 272099
Ion Ratio Lower Upper
156 100
77 174.7 0.0 366.2
158 97.1 0.0 196.8



#74
n-propylbenzene
Concen: 144.394 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

Tgt Ion: 91 Resp: 1305959
Ion Ratio Lower Upper
91 100
120 22.1 0.0 44.2

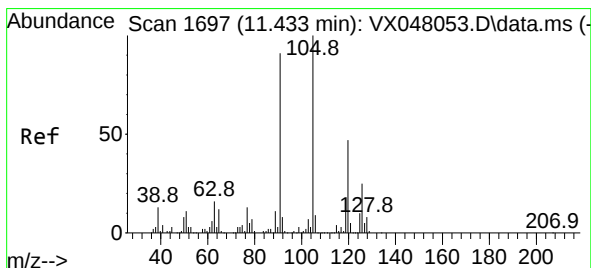
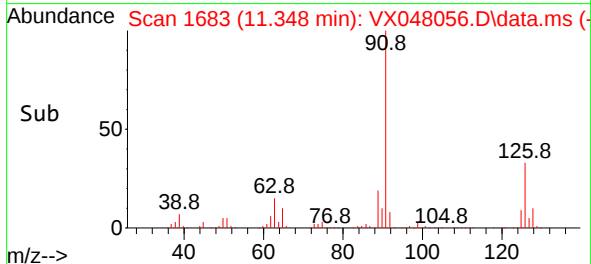
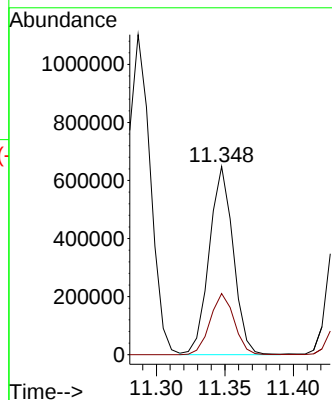
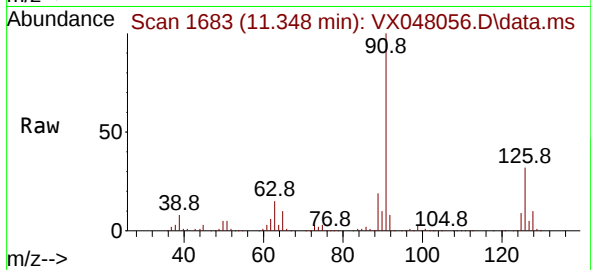




#75
2-Chlorotoluene
Concen: 144.855 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

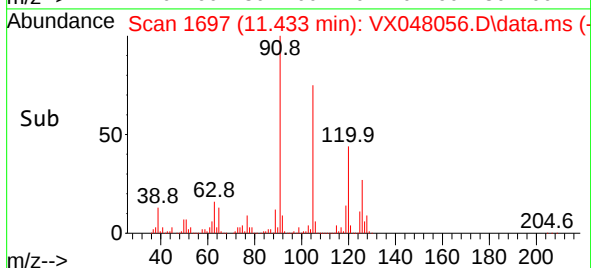
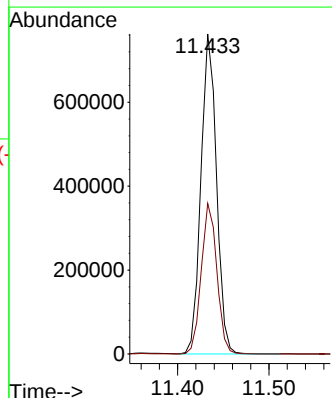
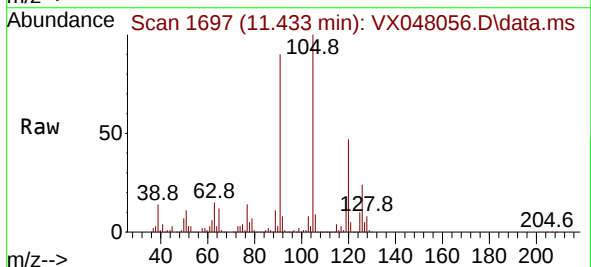
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

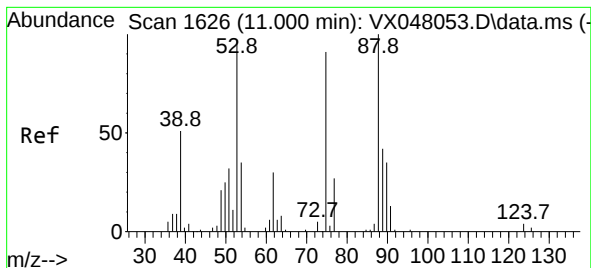
Tgt Ion: 91 Resp: 789918
Ion Ratio Lower Upper
91 100
126 32.4 0.0 63.2



#76
1,3,5-Trimethylbenzene
Concen: 143.202 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

Tgt Ion: 105 Resp: 899532
Ion Ratio Lower Upper
105 100
120 47.3 0.0 95.4

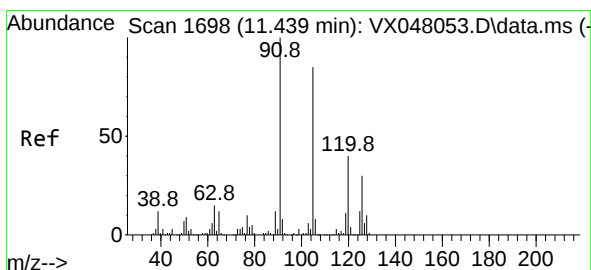
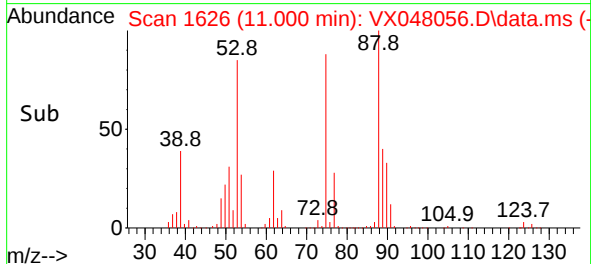
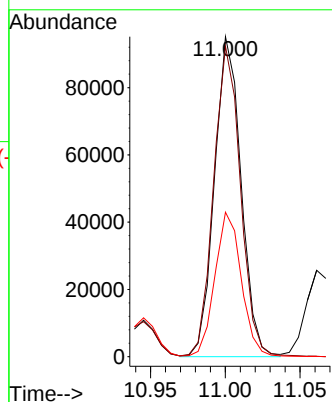
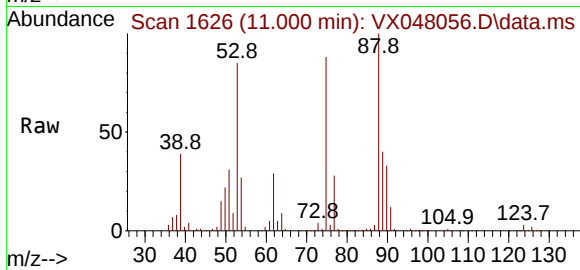




#77
t-1,4-Dichloro-2-butene
Concen: 180.690 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

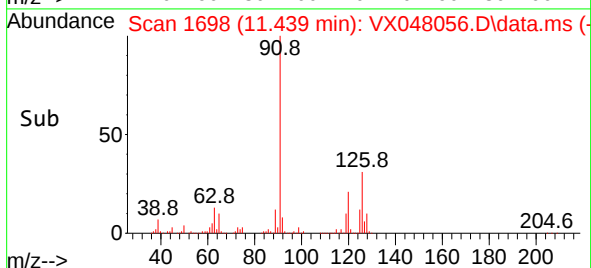
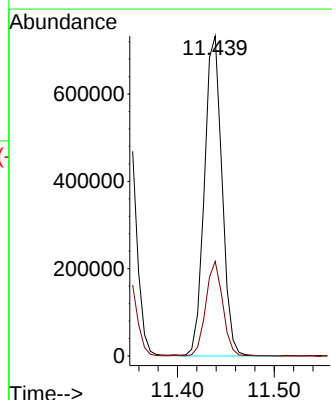
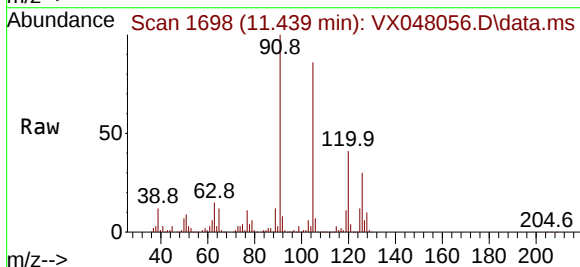
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

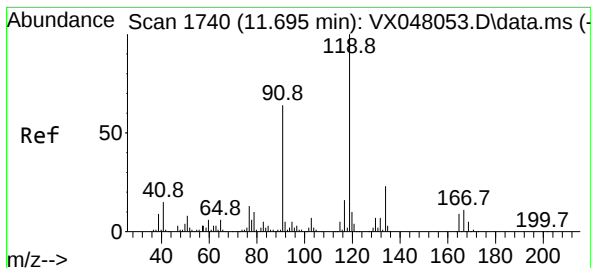
Tgt Ion: 75 Resp: 117665
Ion Ratio Lower Upper
75 100
53 97.0 53.7 161.1
89 45.1 23.2 69.5



#78
4-Chlorotoluene
Concen: 146.980 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

Tgt Ion: 91 Resp: 928015
Ion Ratio Lower Upper
91 100
126 28.3 0.0 57.2

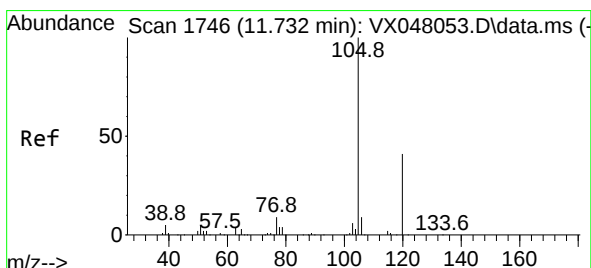
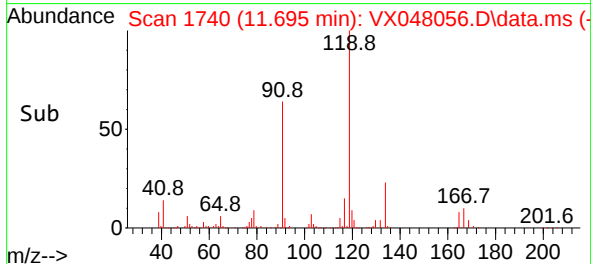
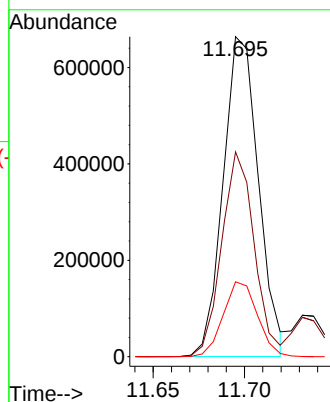
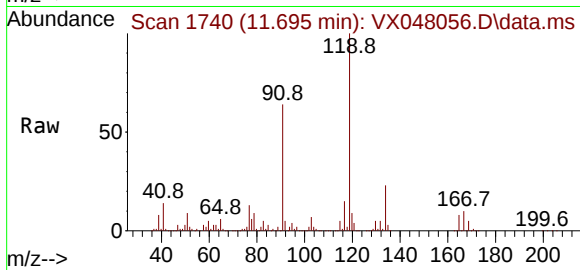




#79
tert-butylbenzene
Concen: 143.970 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

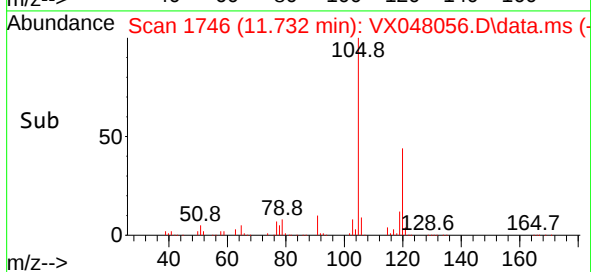
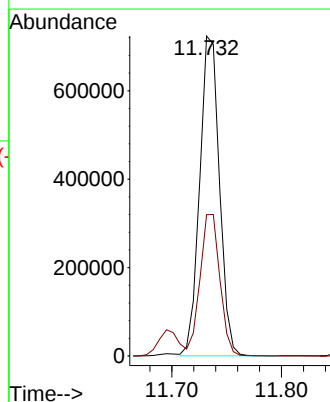
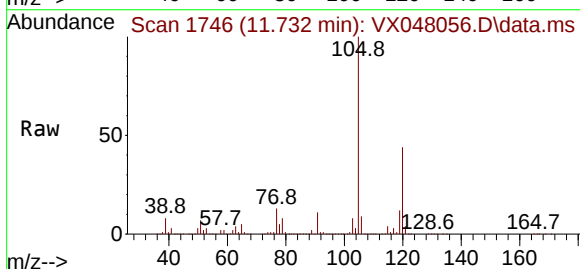
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

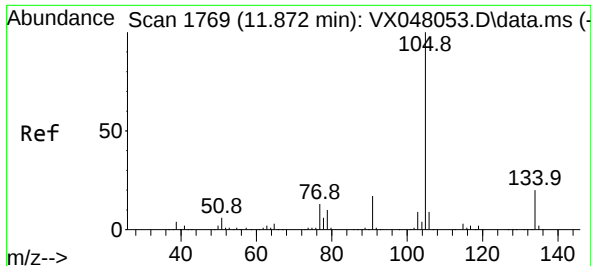
Tgt Ion:119 Resp: 893383
Ion Ratio Lower Upper
119 100
91 59.1 0.0 119.0
134 22.8 0.0 46.4



#80
1,2,4-Trimethylbenzene
Concen: 145.507 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

Tgt Ion:105 Resp: 905888
Ion Ratio Lower Upper
105 100
120 44.5 0.0 88.6

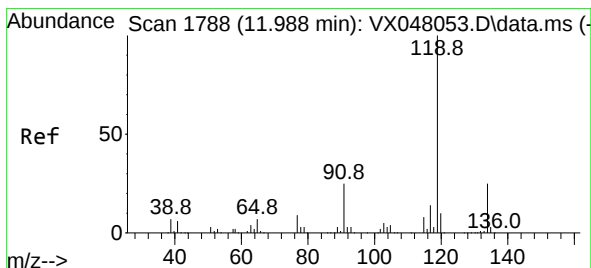
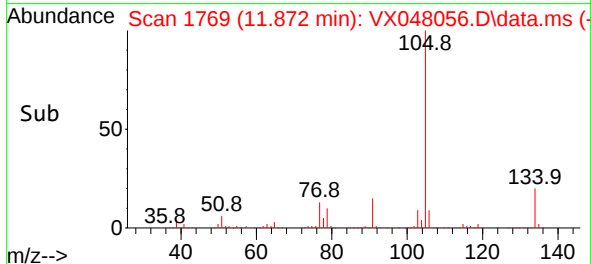
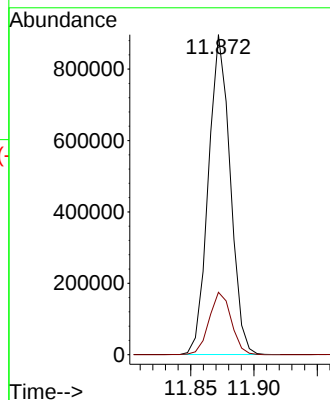
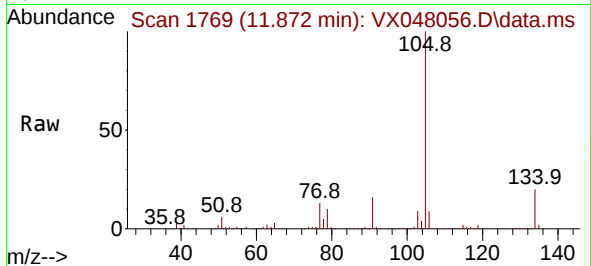




#81
 sec-Butylbenzene
 Concen: 135.843 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VX048056.D
 Acq: 07 Oct 2025 18:24

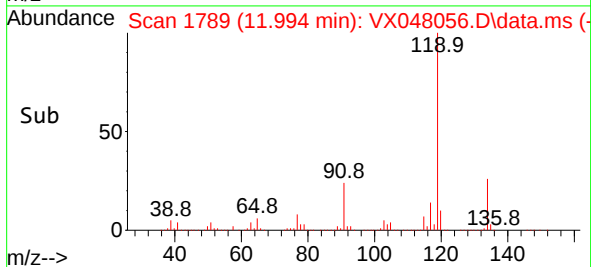
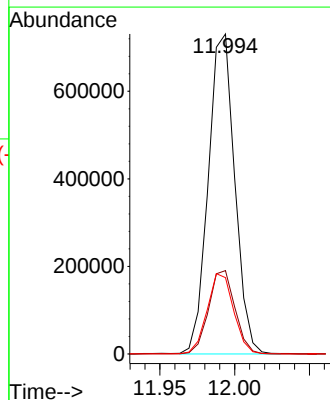
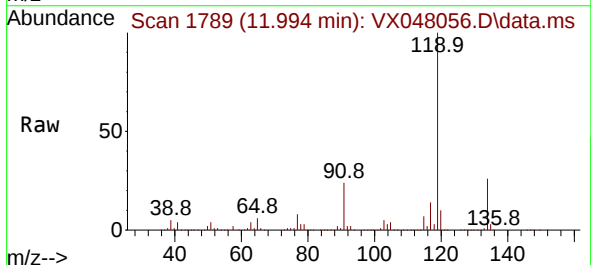
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

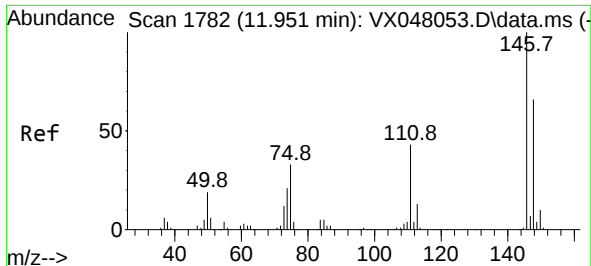
Tgt Ion:105 Resp: 1074798
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 138.689 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. 0.006 min
 Lab File: VX048056.D
 Acq: 07 Oct 2025 18:24

Tgt Ion:119 Resp: 901607
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 51.6
 91 25.0 0.0 49.8

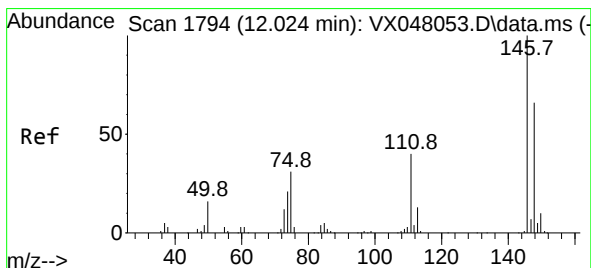
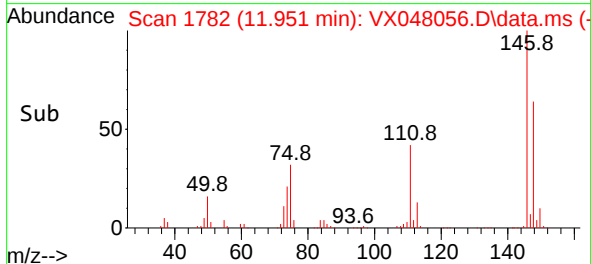
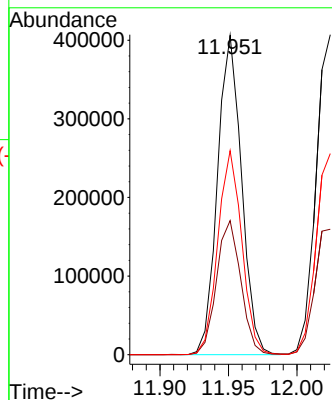
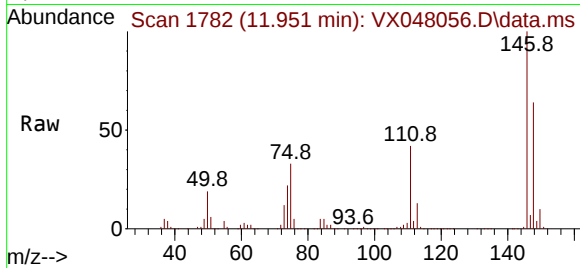




#83
1,3-Dichlorobenzene
Concen: 148.757 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

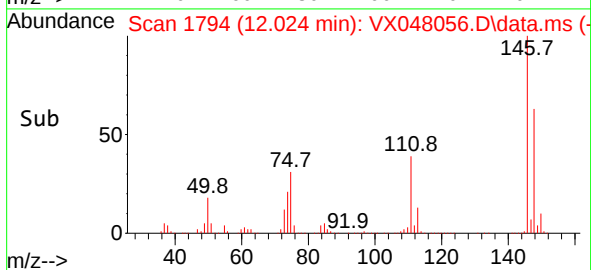
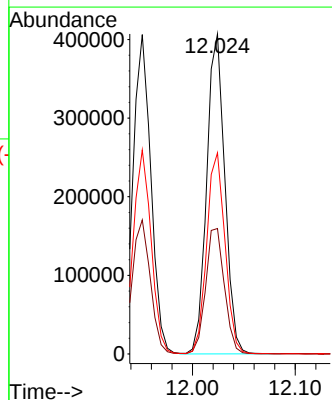
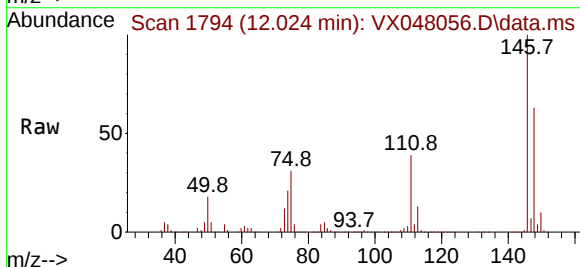
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

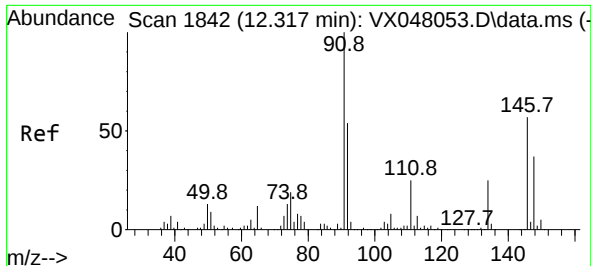
Tgt Ion:146 Resp: 495954
Ion Ratio Lower Upper
146 100
111 42.5 21.6 64.8
148 63.7 32.7 98.1



#84
1,4-Dichlorobenzene
Concen: 148.556 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

Tgt Ion:146 Resp: 498650
Ion Ratio Lower Upper
146 100
111 40.8 20.6 61.8
148 63.7 32.6 98.0

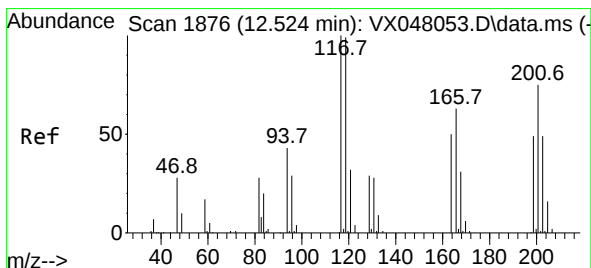
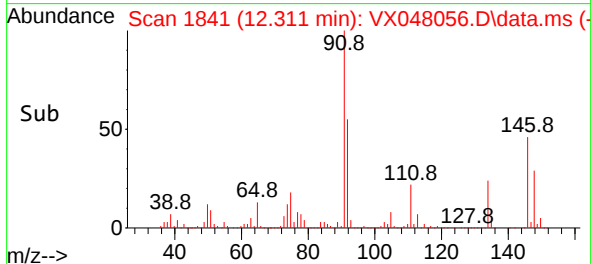
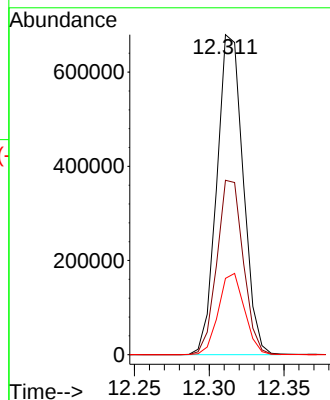
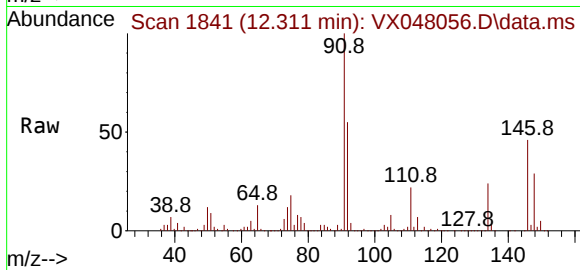




#85
n-Butylbenzene
Concen: 134.191 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

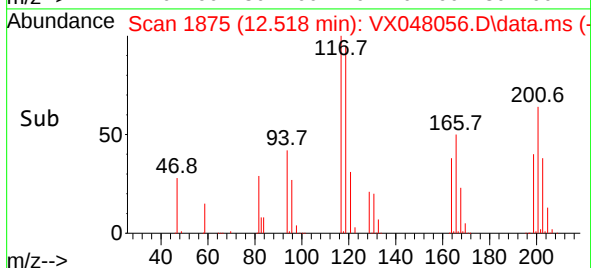
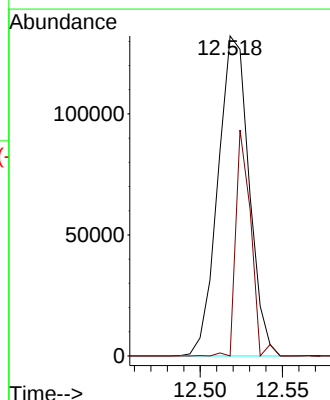
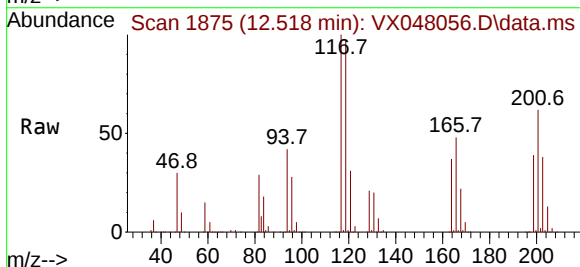
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

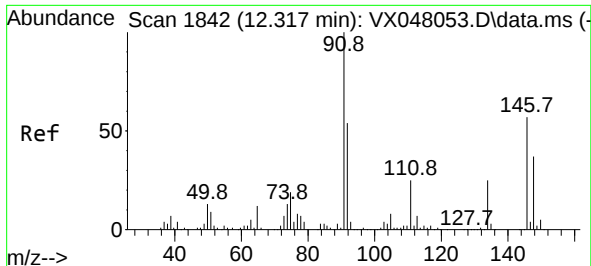
Tgt Ion: 91 Resp: 832773
Ion Ratio Lower Upper
91 100
92 54.5 0.0 106.8
134 25.2 0.0 48.4



#86
Hexachloroethane
Concen: 163.022 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VX048056.D
Acq: 07 Oct 2025 18:24

Tgt Ion: 117 Resp: 173681
Ion Ratio Lower Upper
117 100
201 32.4 14.6 44.0

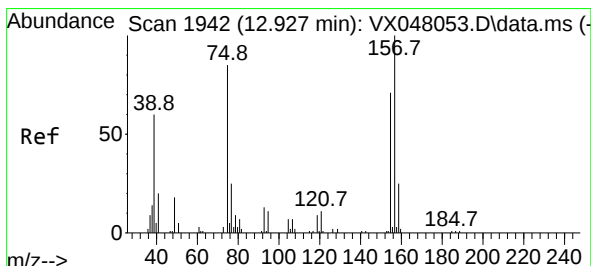
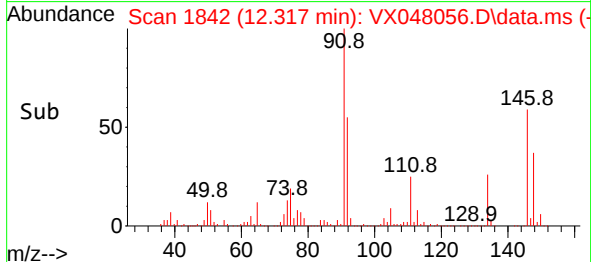
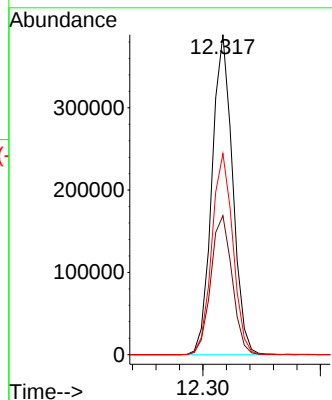
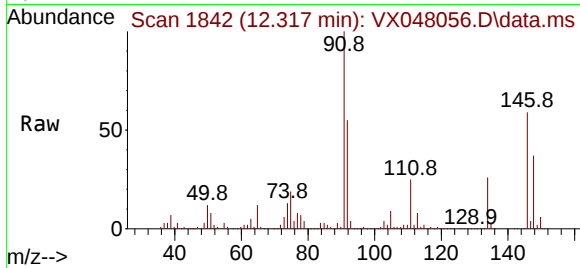




#87
 1,2-Dichlorobenzene
 Concen: 147.954 ug/l
 RT: 12.317 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: VX048056.D
 Acq: 07 Oct 2025 18:24

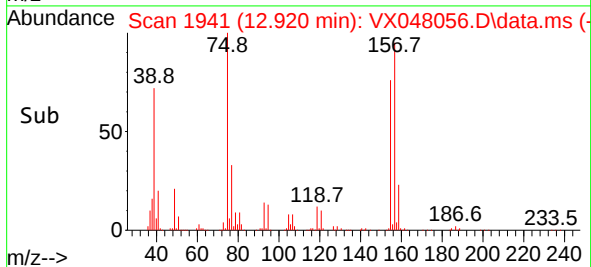
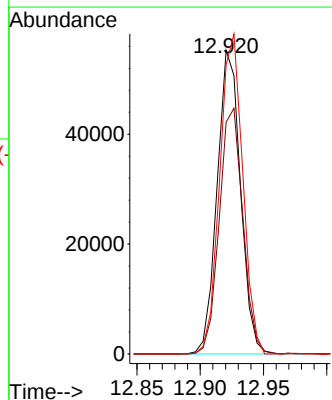
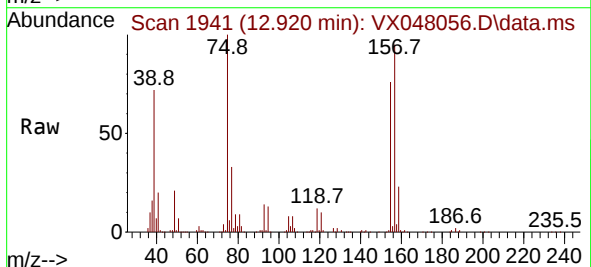
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

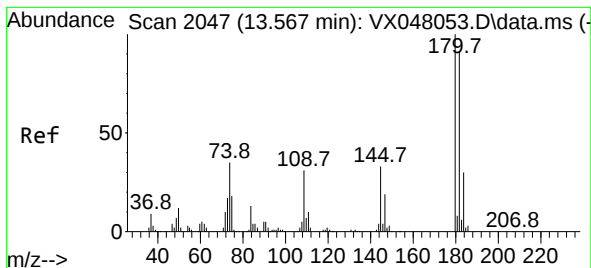
Tgt Ion:146 Resp: 474953
 Ion Ratio Lower Upper
 146 100
 111 44.8 21.7 65.1
 148 64.0 31.9 95.9



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 153.927 ug/l
 RT: 12.920 min Scan# 1941
 Delta R.T. -0.006 min
 Lab File: VX048056.D
 Acq: 07 Oct 2025 18:24

Tgt Ion: 75 Resp: 70810
 Ion Ratio Lower Upper
 75 100
 155 81.8 62.8 94.2
 157 103.8 81.1 121.7





#89

1,2,4-Trichlorobenzene

Concen: 148.607 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VX048056.D

Acq: 07 Oct 2025 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

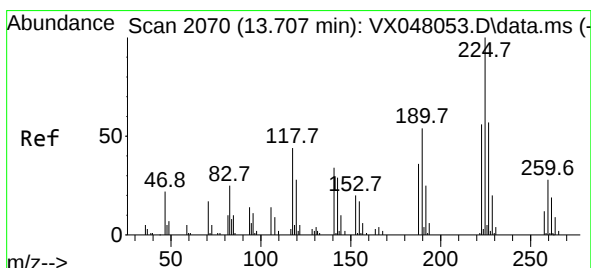
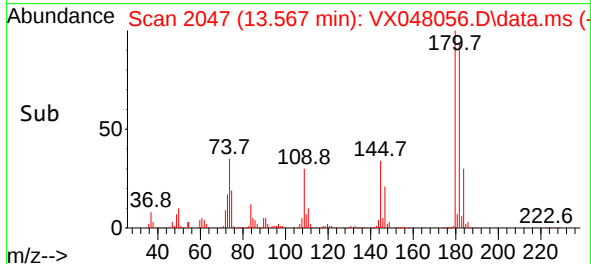
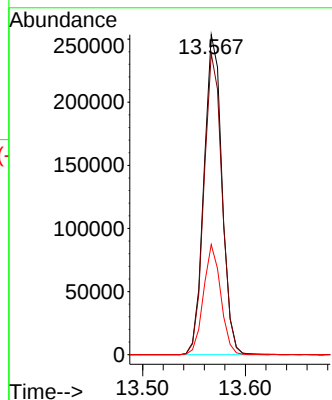
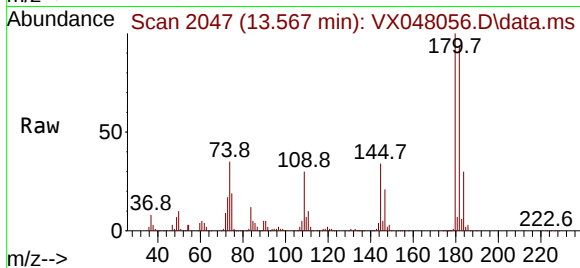
Tgt Ion:180 Resp: 308598

Ion Ratio Lower Upper

180 100

182 94.5 73.4 110.0

145 33.0 26.2 39.4



#90

Hexachlorobutadiene

Concen: 113.142 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VX048056.D

Acq: 07 Oct 2025 18:24

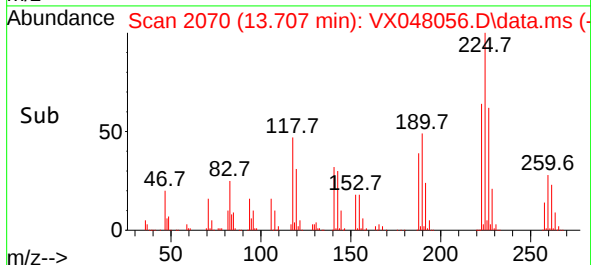
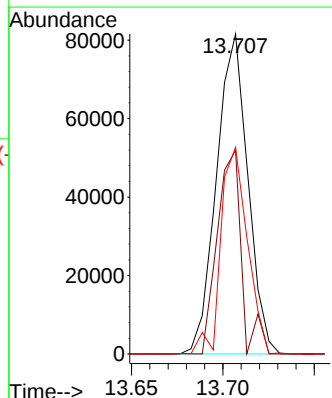
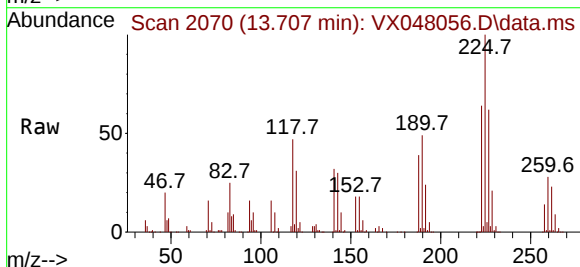
Tgt Ion:225 Resp: 97370

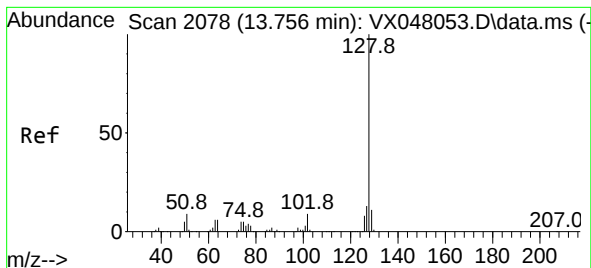
Ion Ratio Lower Upper

225 100

223 45.3 0.0 130.0

227 52.1 0.0 63.0





#91

Naphthalene

Concen: 155.200 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. 0.000 min

Lab File: VX048056.D

Acq: 07 Oct 2025 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

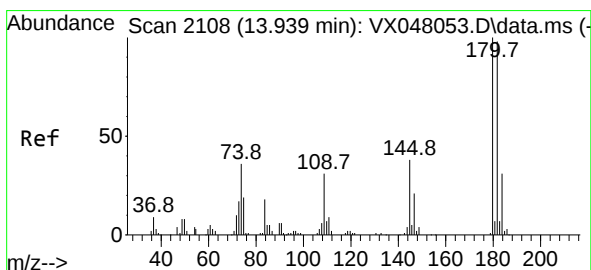
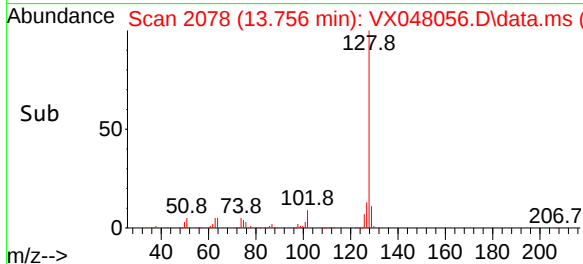
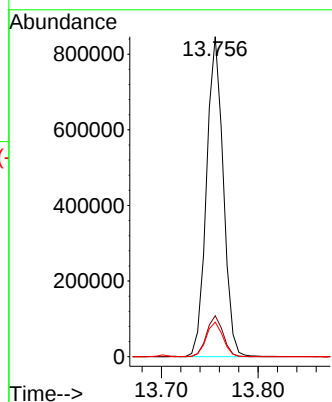
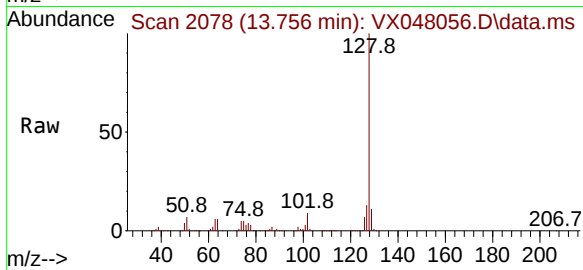
Tgt Ion:128 Resp: 1017137

Ion Ratio Lower Upper

128 100

127 12.7 10.6 15.8

129 10.9 8.6 13.0



#92

1,2,3-Trichlorobenzene

Concen: 146.297 ug/l

RT: 13.939 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VX048056.D

Acq: 07 Oct 2025 18:24

Tgt Ion:180 Resp: 295718

Ion Ratio Lower Upper

180 100

182 95.6 0.0 190.0

145 35.3 0.0 72.2

