

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080425\
 Data File : VX047216.D
 Acq On : 04 Aug 2025 09:44
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050

Quant Time: Aug 05 02:52:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	285086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	469873	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	406977	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	194547	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	160683	45.247	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.500%
35) Dibromofluoromethane	5.385	113	143217	49.366	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.740%
50) Toluene-d8	8.647	98	404675	43.072	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	86.140%#
62) 4-Bromofluorobenzene	11.079	95	183638	45.356	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.720%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.185	85	191706	50.626	ug/l	100
3) Chloromethane	1.313	50	165046	44.063	ug/l	100
4) Vinyl Chloride	1.392	62	205304	50.989	ug/l	99
5) Bromomethane	1.630	94	101104	46.225	ug/l	94
6) Chloroethane	1.703	64	118821	44.931	ug/l	97
7) Trichlorofluoromethane	1.904	101	308773	51.428	ug/l	99
8) Diethyl Ether	2.142	74	107251	50.663	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	184458	50.994	ug/l	99
10) Methyl Iodide	2.465	142	259706	70.446	ug/l	99
11) Tert butyl alcohol	2.953	59	81580	194.217	ug/l	100
12) 1,1-Dichloroethene	2.337	96	176131	49.161	ug/l	96
13) Acrolein	2.246	56	173095	226.371	ug/l	99
14) Allyl chloride	2.678	41	296080	45.718	ug/l	93
15) Acrylonitrile	3.075	53	390085	230.315	ug/l	99
16) Acetone	2.386	43	384040	269.947	ug/l	98
17) Carbon Disulfide	2.526	76	447430	43.169	ug/l	100
18) Methyl Acetate	2.709	43	213655	56.513	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	548333	50.289	ug/l	100
20) Methylene Chloride	2.800	84	189380	48.387	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	176250	48.074	ug/l	98
22) Diisopropyl ether	3.764	45	640446	51.436	ug/l	92
23) Vinyl Acetate	3.727	43	2417166	242.038	ug/l	100
24) 1,1-Dichloroethane	3.617	63	348228	50.294	ug/l	99
25) 2-Butanone	4.556	43	458934	221.547	ug/l	97
26) 2,2-Dichloropropane	4.483	77	267458	49.902	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	212196	48.877	ug/l	100
28) Bromochloromethane	4.898	49	165950	52.097	ug/l	98
29) Tetrahydrofuran	5.013	42	280967	210.217	ug/l	98
30) Chloroform	5.099	83	347550	49.312	ug/l	99
31) Cyclohexane	5.477	56	292553	44.067	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	300668	49.115	ug/l	99
36) 1,1-Dichloropropene	5.696	75	229732	46.455	ug/l	100
37) Ethyl Acetate	4.715	43	204751	44.933	ug/l	98
38) Carbon Tetrachloride	5.684	117	259382	49.142	ug/l	97
39) Methylcyclohexane	7.379	83	280315	45.399	ug/l	96
40) Benzene	6.038	78	694725	48.543	ug/l	100

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 05 02:52:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	106459	44.682	ug/l	96
42) 1,2-Dichloroethane	6.086	62	253198	50.224	ug/l	98
43) Isopropyl Acetate	6.336	43	335632	47.246	ug/l	99
44) Trichloroethene	7.129	130	174961	47.674	ug/l	99
45) 1,2-Dichloropropane	7.428	63	177404	49.493	ug/l	96
46) Dibromomethane	7.580	93	123866	49.278	ug/l	100
47) Bromodichloromethane	7.818	83	274423	51.292	ug/l	96
48) Methyl methacrylate	7.690	41	174048	44.973	ug/l	99
49) 1,4-Dioxane	7.732	88	38376	871.859	ug/l #	60
51) 4-Methyl-2-Pentanone	8.574	43	949990	224.982	ug/l	99
52) Toluene	8.714	92	425441	48.346	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	252131	49.904	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	276296	49.966	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	162000	49.088	ug/l	99
56) Ethyl methacrylate	9.116	69	240675	49.262	ug/l	99
57) 1,3-Dichloropropane	9.305	76	276179	48.152	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	611669	224.985	ug/l	100
59) 2-Hexanone	9.427	43	636703	228.231	ug/l	100
60) Dibromochloromethane	9.519	129	196563	50.784	ug/l	100
61) 1,2-Dibromoethane	9.604	107	160847	46.612	ug/l	99
64) Tetrachloroethene	9.269	164	139292	47.477	ug/l	92
65) Chlorobenzene	10.080	112	468171	49.105	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	166480	51.864	ug/l	97
67) Ethyl Benzene	10.189	91	821556	49.284	ug/l	100
68) m/p-Xylenes	10.299	106	603645	96.765	ug/l	99
69) o-Xylene	10.640	106	297631	50.152	ug/l	99
70) Styrene	10.653	104	511226	50.237	ug/l	100
71) Bromoform	10.799	173	121609	49.874	ug/l	100
73) Isopropylbenzene	10.957	105	784193	51.092	ug/l	100
74) N-amyl acetate	10.842	43	284347	45.915	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	212962	48.574	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	218822	60.767	ug/l	82
77) Bromobenzene	11.195	156	186001	50.524	ug/l	100
78) n-propylbenzene	11.299	91	920270	50.175	ug/l	99
79) 2-Chlorotoluene	11.360	91	543096	49.535	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	641402	50.583	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	49744	35.590	ug/l	99
82) 4-Chlorotoluene	11.451	91	641761	50.148	ug/l	99
83) tert-Butylbenzene	11.713	119	652510	51.270	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	639445	50.558	ug/l	99
85) sec-Butylbenzene	11.884	105	798987	50.244	ug/l	99
86) p-Isopropyltoluene	12.006	119	667051	50.584	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	346190	49.491	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	347191	48.991	ug/l	98
89) n-Butylbenzene	12.329	91	622379	50.327	ug/l	100
90) Hexachloroethane	12.536	117	122040	51.731	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	328382	49.119	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	40366	47.965	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	220690	49.963	ug/l	99
94) Hexachlorobutadiene	13.725	225	74113	49.336	ug/l	96
95) Naphthalene	13.774	128	635607	49.086	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	209669	49.272	ug/l	98

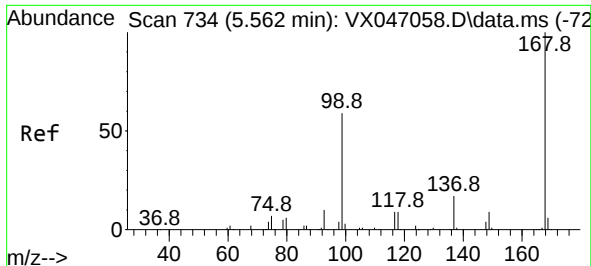
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080425\
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MSVOA_X
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VSTDCCC050

Quant Time: Aug 05 02:52:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

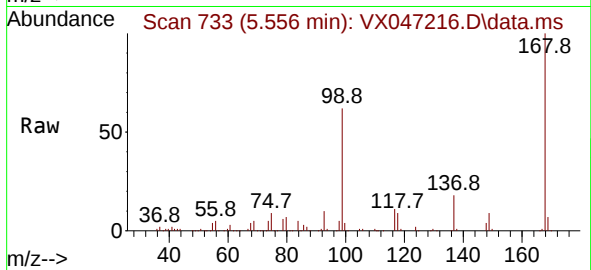
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

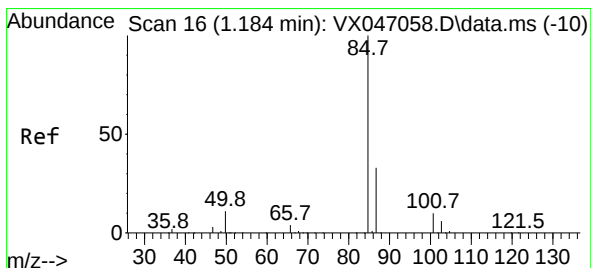
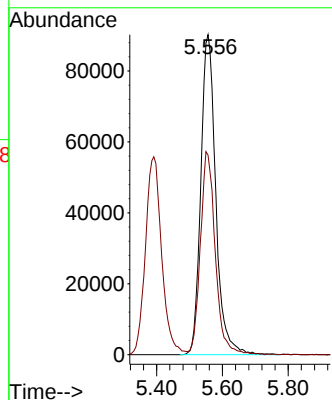
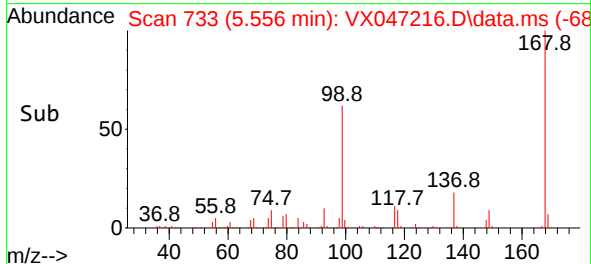


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

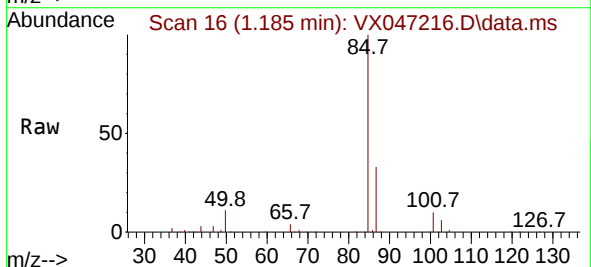
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



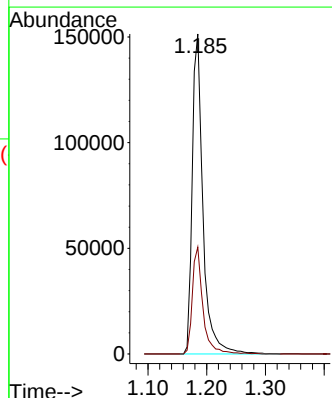
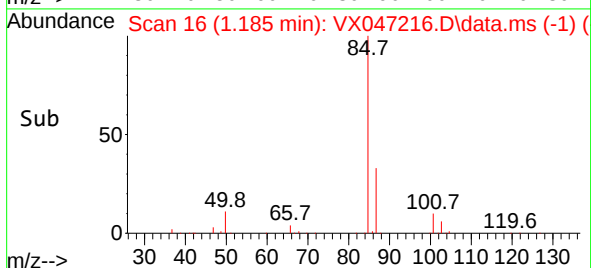
Tgt Ion:168 Resp: 285086
Ion Ratio Lower Upper
168 100
99 62.3 48.0 72.0

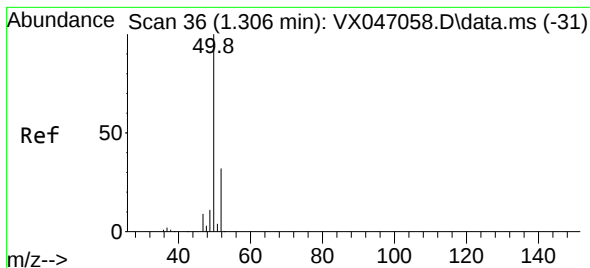


#2
Dichlorodifluoromethane
Concen: 50.626 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44



Tgt Ion: 85 Resp: 191706
Ion Ratio Lower Upper
85 100
87 33.4 16.6 49.8





#3

Chloromethane

Concen: 44.063 ug/l

RT: 1.313 min Scan# 31

Delta R.T. 0.007 min

Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

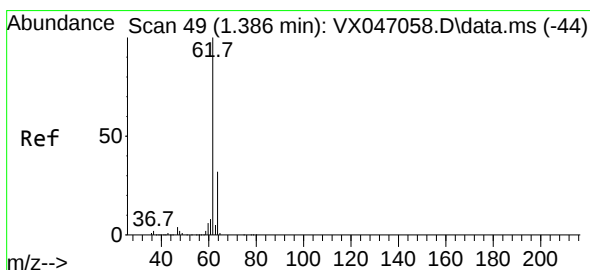
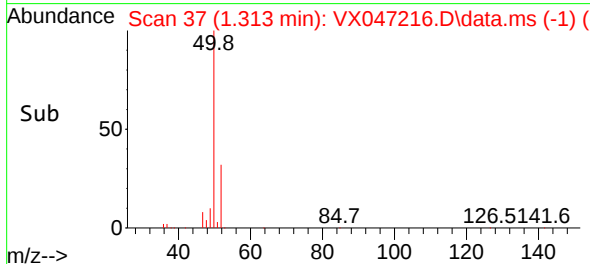
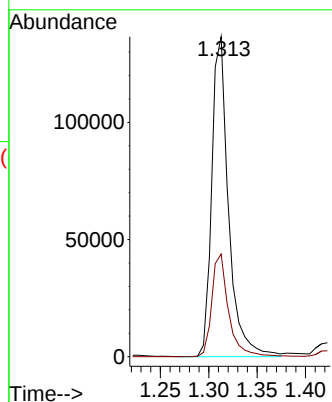
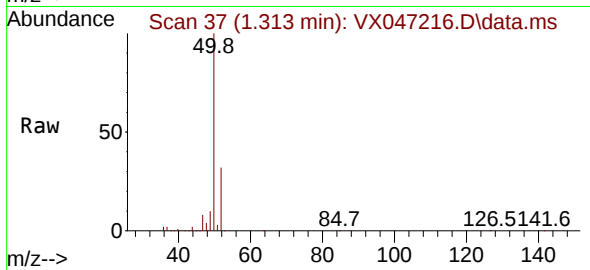
VSTDCCC050

Tgt Ion: 50 Resp: 165046

Ion Ratio Lower Upper

50 100

52 32.1 25.4 38.2



#4

Vinyl Chloride

Concen: 50.989 ug/l

RT: 1.392 min Scan# 50

Delta R.T. 0.007 min

Lab File: VX047216.D

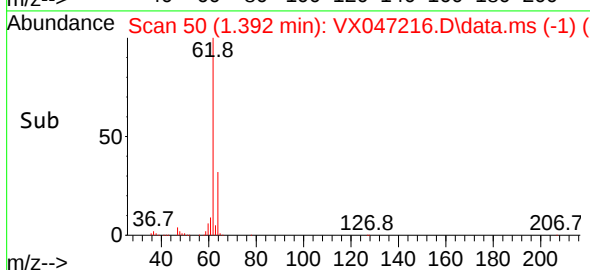
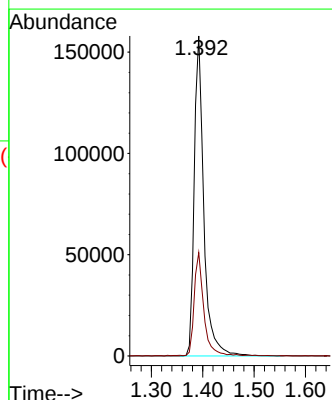
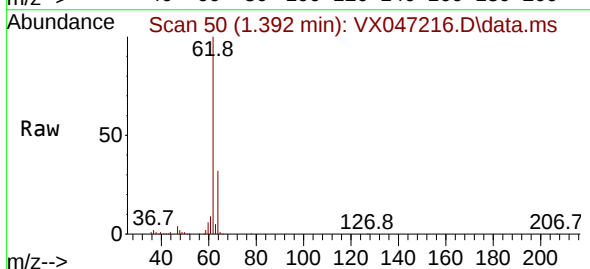
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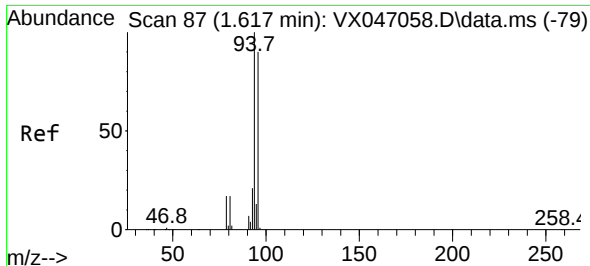
Tgt Ion: 62 Resp: 205304

Ion Ratio Lower Upper

62 100

64 32.2 25.2 37.8

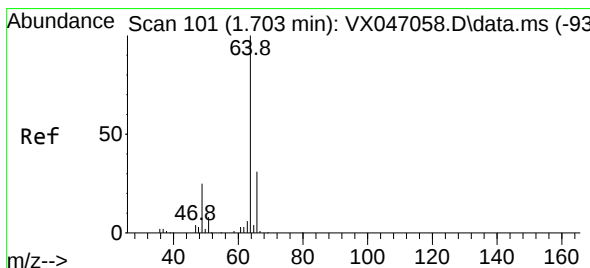
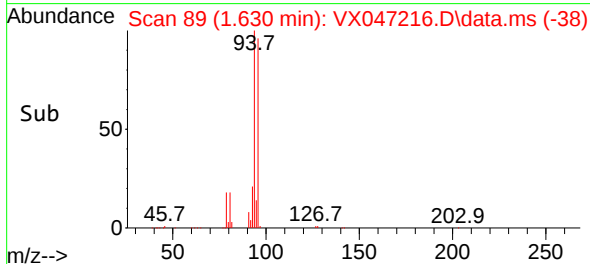
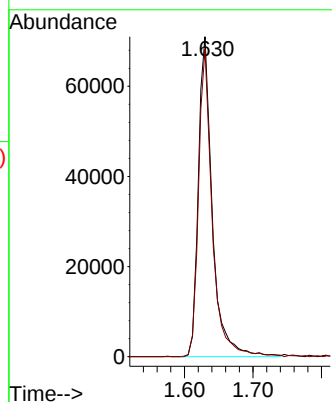
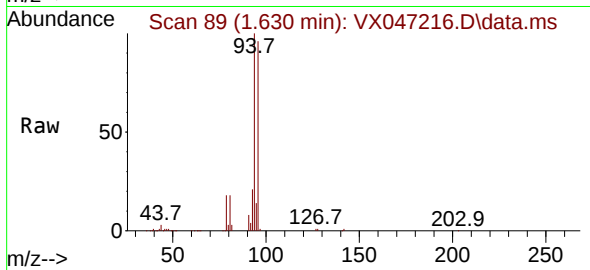




#5
Bromomethane
Concen: 46.225 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.013 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

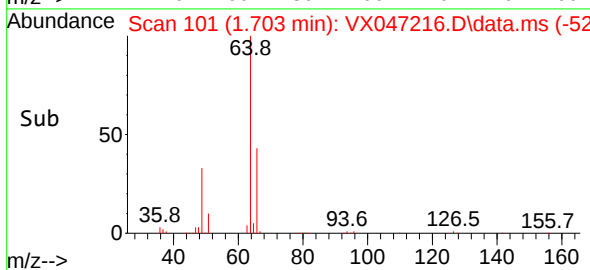
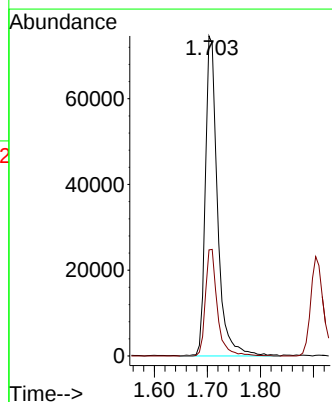
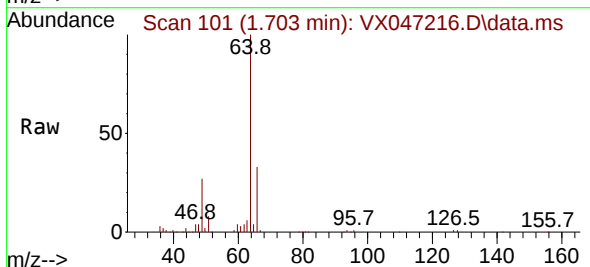
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

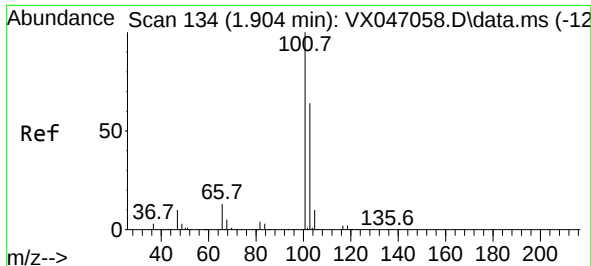
Tgt Ion: 94 Resp: 101104
Ion Ratio Lower Upper
94 100
96 96.1 72.3 108.5



#6
Chloroethane
Concen: 44.931 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

Tgt Ion: 64 Resp: 118821
Ion Ratio Lower Upper
64 100
66 33.2 25.0 37.6

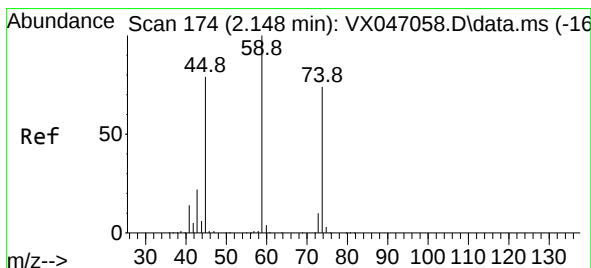
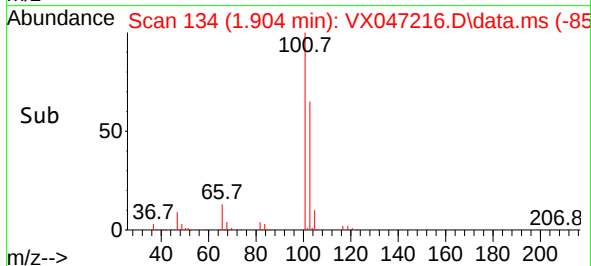
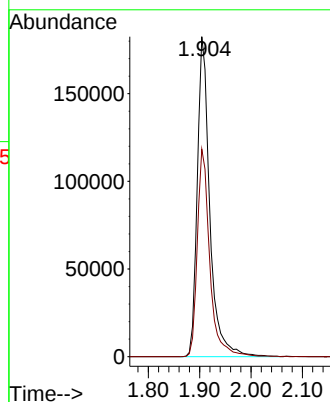
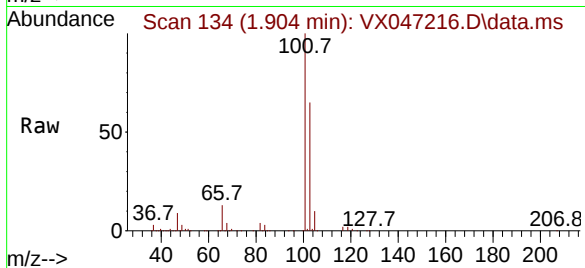




#7
 Trichlorofluoromethane
 Concen: 51.428 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047216.D
 Acq: 04 Aug 2025 09:44

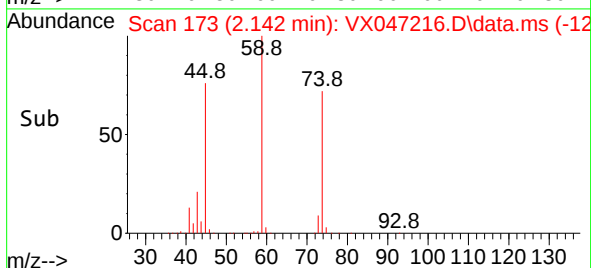
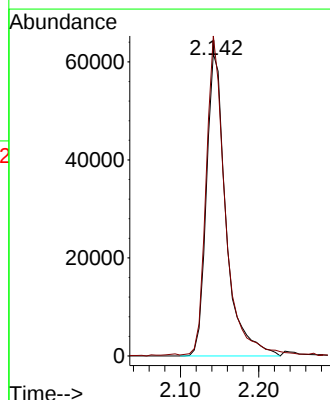
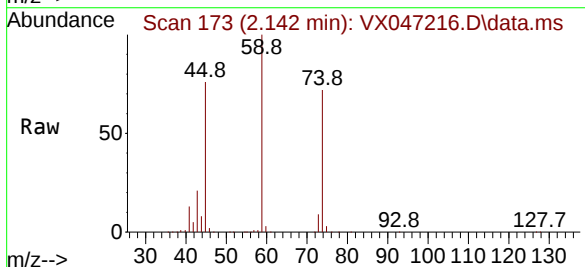
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

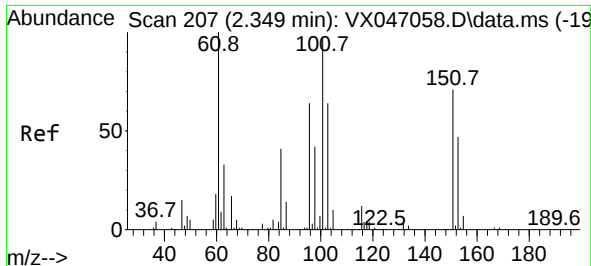
Tgt Ion:101 Resp: 308773
 Ion Ratio Lower Upper
 101 100
 103 64.0 50.9 76.3



#8
 Diethyl Ether
 Concen: 50.663 ug/l
 RT: 2.142 min Scan# 173
 Delta R.T. -0.006 min
 Lab File: VX047216.D
 Acq: 04 Aug 2025 09:44

Tgt Ion: 74 Resp: 107251
 Ion Ratio Lower Upper
 74 100
 45 105.0 53.0 159.0

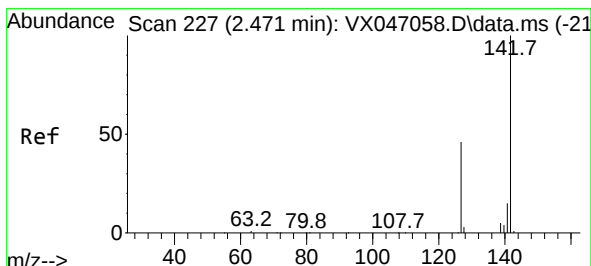
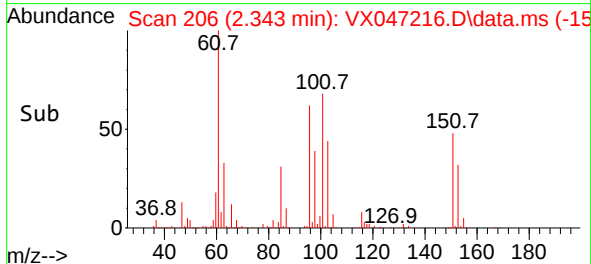
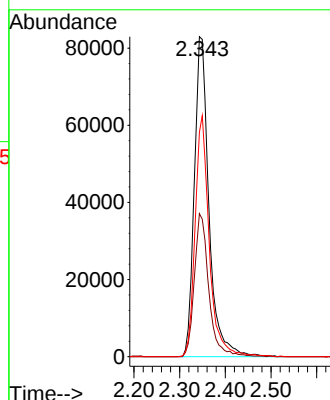
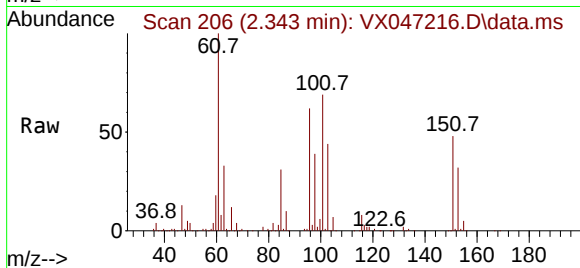




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.994 ug/l
RT: 2.343 min Scan# 207
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

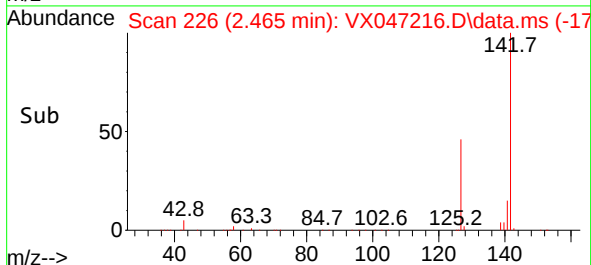
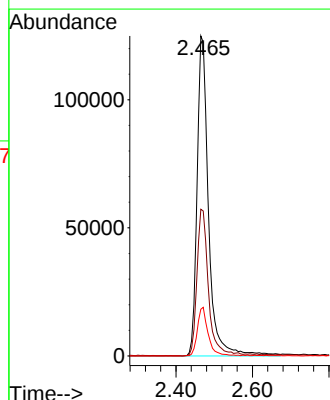
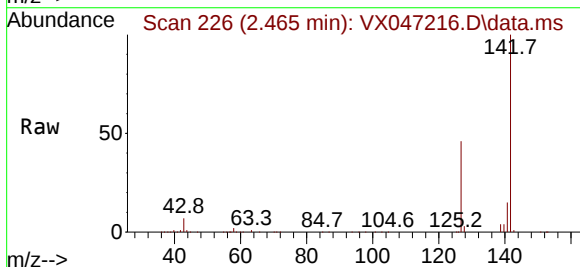
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

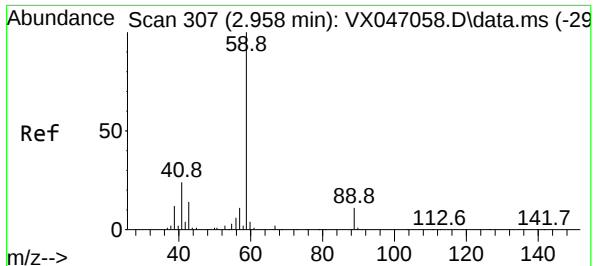
Tgt Ion:101 Resp: 184458
Ion Ratio Lower Upper
101 100
85 44.2 35.4 53.0
151 73.1 59.2 88.8



#10
Methyl Iodide
Concen: 70.446 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

Tgt Ion:142 Resp: 259706
Ion Ratio Lower Upper
142 100
127 46.3 36.6 54.8
141 14.3 10.9 16.3

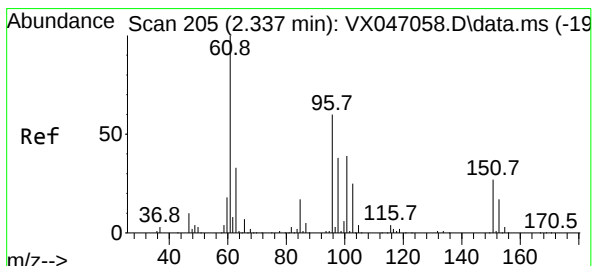
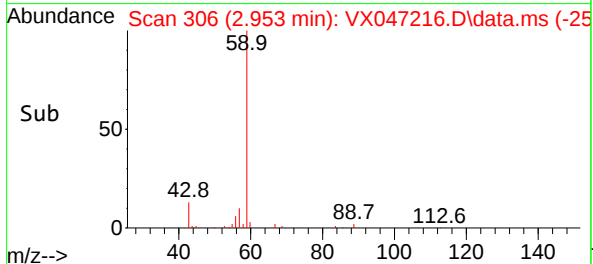
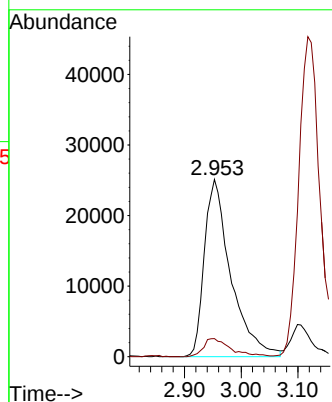
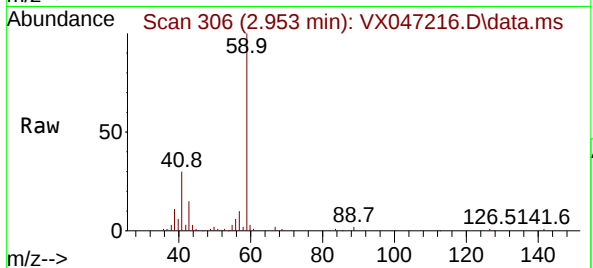




#11
Tert butyl alcohol
Concen: 194.217 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.005 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

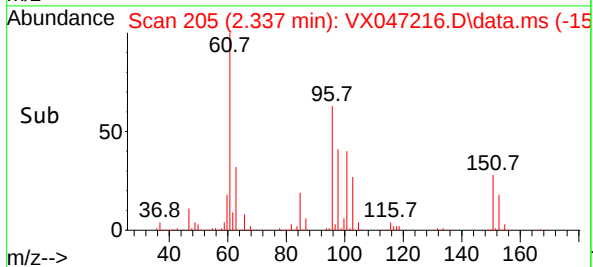
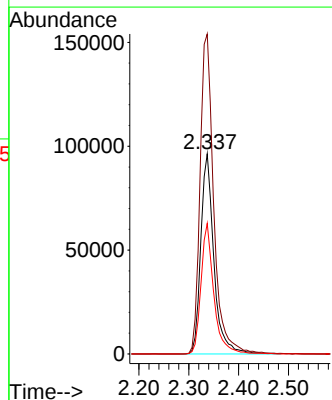
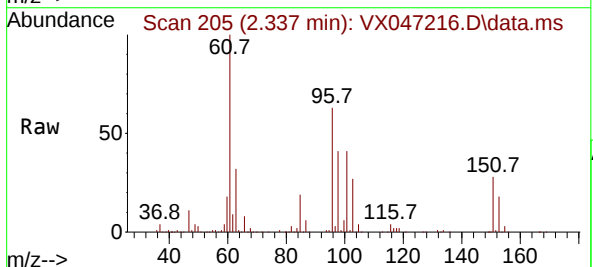
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

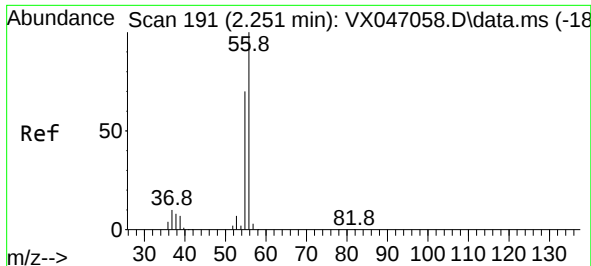
Tgt Ion: 59 Resp: 81580
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7



#12
1,1-Dichloroethene
Concen: 49.161 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

Tgt Ion: 96 Resp: 176131
Ion Ratio Lower Upper
96 100
61 159.8 132.6 198.8
98 65.2 50.2 75.4

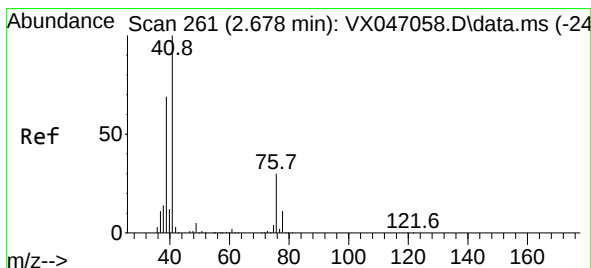
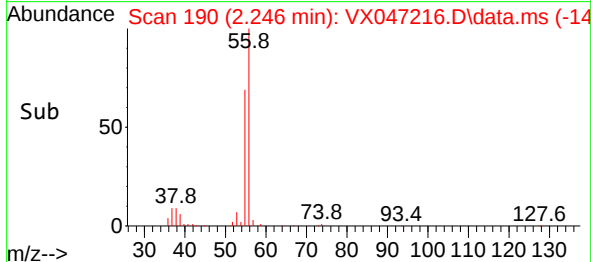
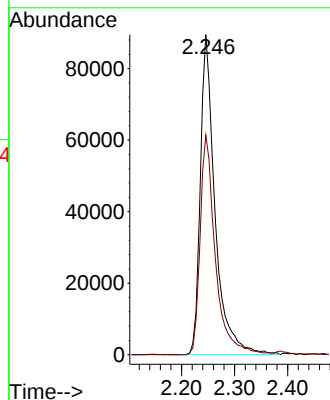
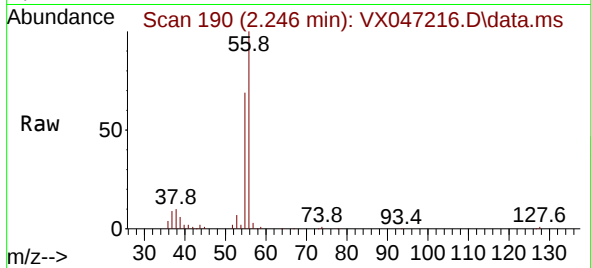




#13
Acrolein
Concen: 226.371 ug/l
RT: 2.246 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

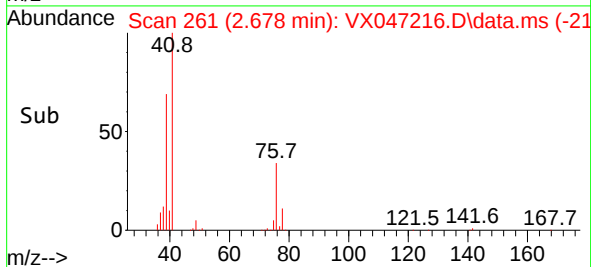
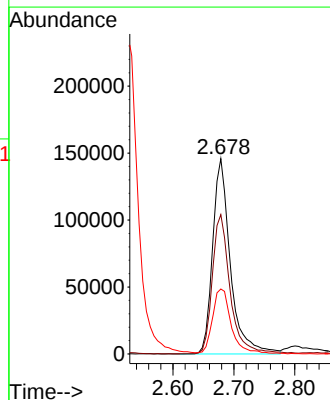
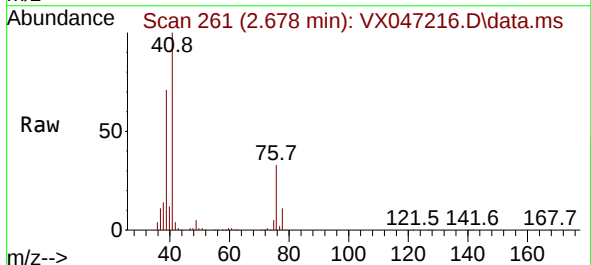
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

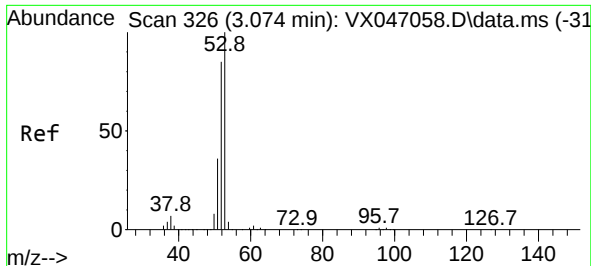
Tgt Ion: 56 Resp: 173095
Ion Ratio Lower Upper
56 100
55 70.8 55.7 83.5



#14
Allyl chloride
Concen: 45.718 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

Tgt Ion: 41 Resp: 296080
Ion Ratio Lower Upper
41 100
39 71.7 52.6 78.8
76 35.2 25.7 38.5





#15

Acrylonitrile

Concen: 230.315 ug/l

RT: 3.075 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

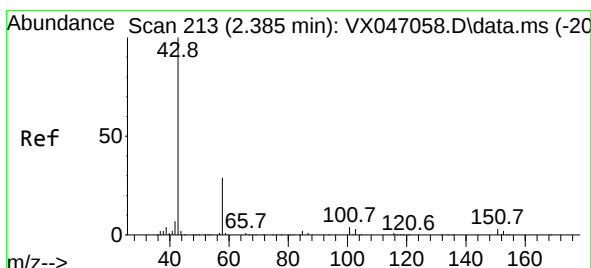
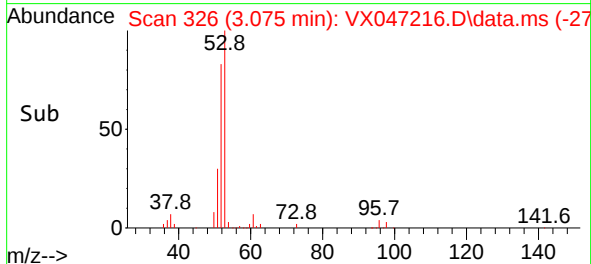
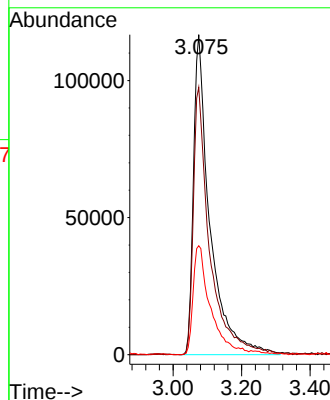
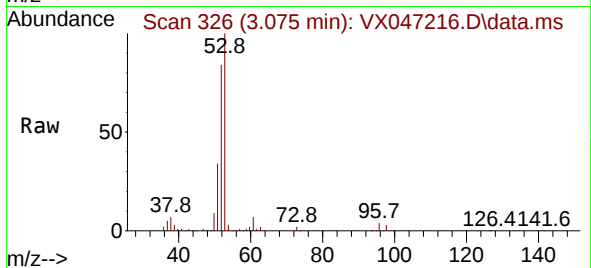
Tgt Ion: 53 Resp: 390085

Ion Ratio Lower Upper

53 100

52 82.8 65.7 98.5

51 35.8 28.8 43.2



#16

Acetone

Concen: 269.947 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX047216.D

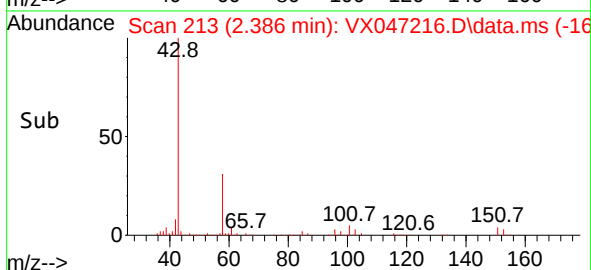
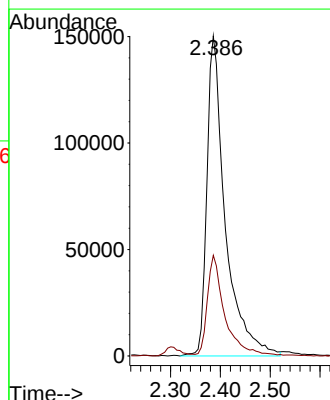
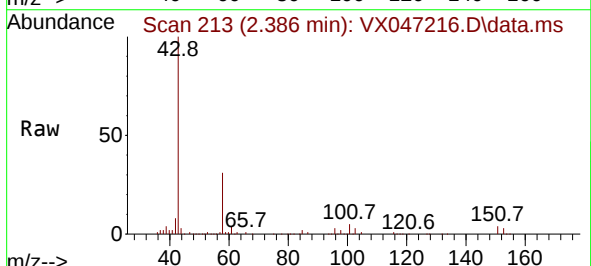
Acq: 04 Aug 2025 09:44

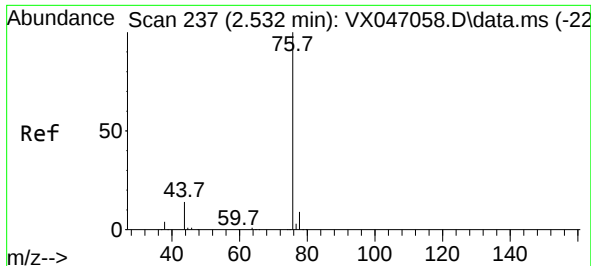
Tgt Ion: 43 Resp: 384040

Ion Ratio Lower Upper

43 100

58 31.1 24.0 36.0

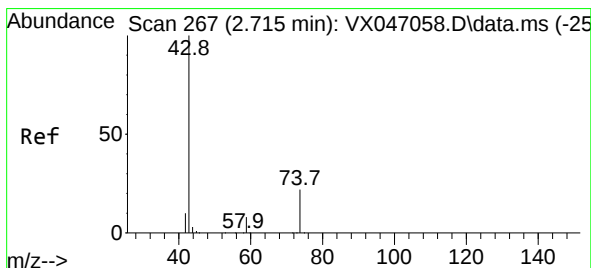
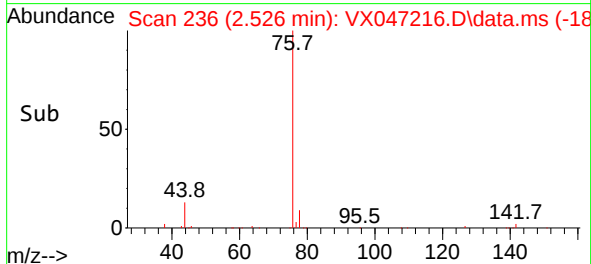
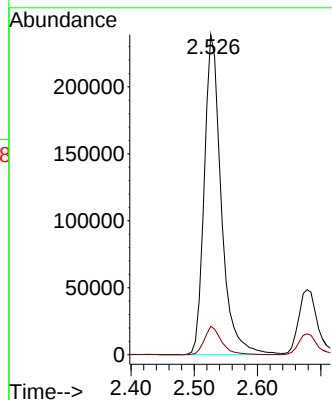
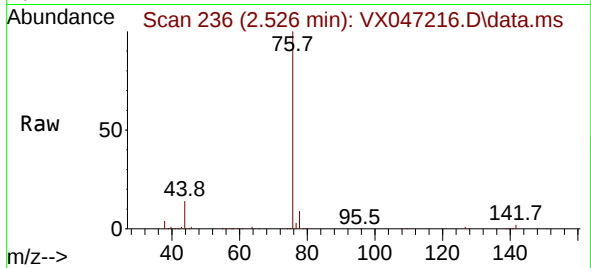




#17
Carbon Disulfide
Concen: 43.169 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

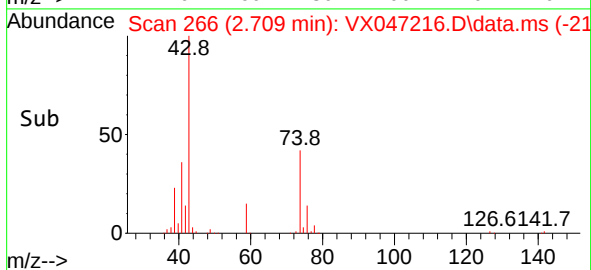
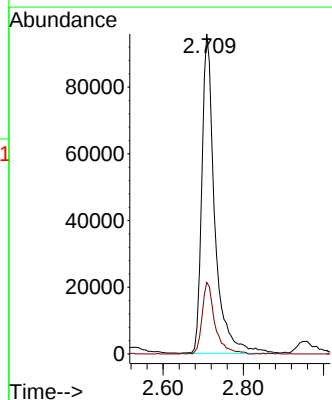
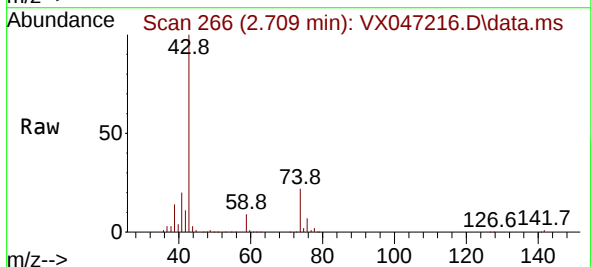
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

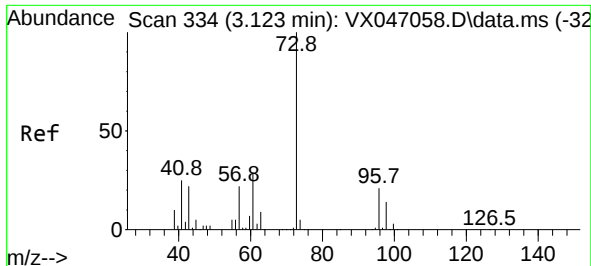
Tgt Ion: 76 Resp: 447430
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4



#18
Methyl Acetate
Concen: 56.513 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

Tgt Ion: 43 Resp: 213655
Ion Ratio Lower Upper
43 100
74 22.3 17.7 26.5

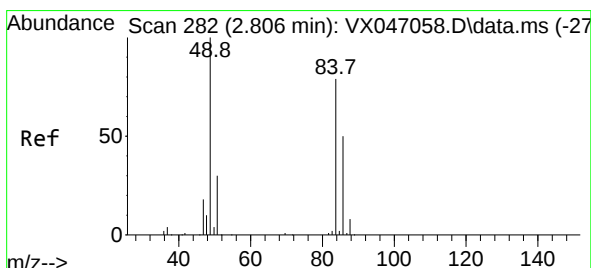
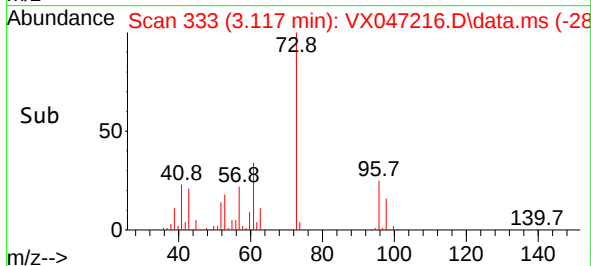
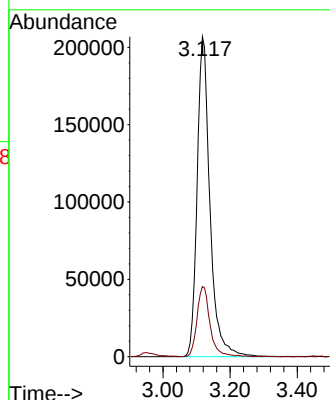
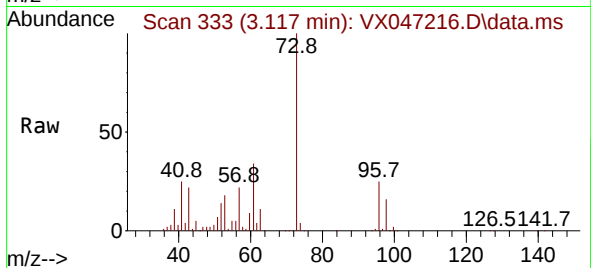




#19
Methyl tert-butyl Ether
Concen: 50.289 ug/l
RT: 3.117 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

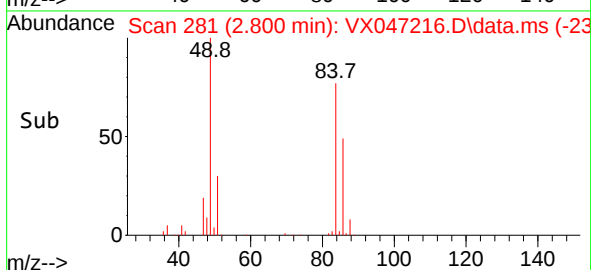
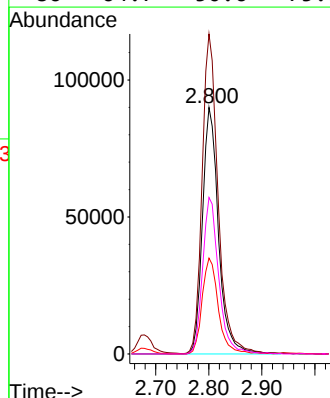
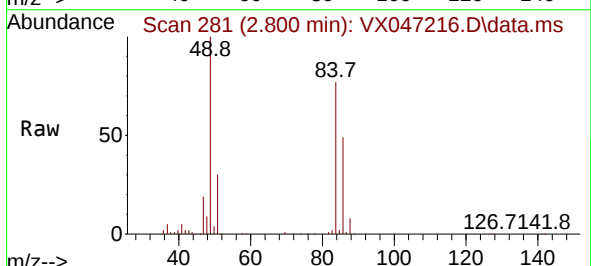
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

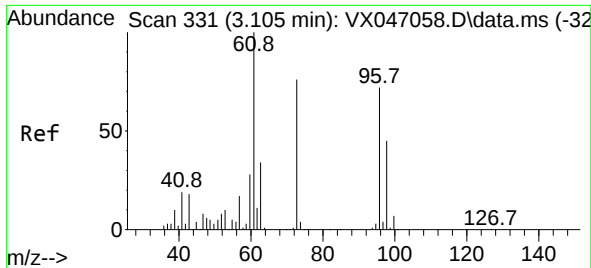
Tgt Ion: 73 Resp: 548333
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5



#20
Methylene Chloride
Concen: 48.387 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

Tgt Ion: 84 Resp: 189380
Ion Ratio Lower Upper
84 100
49 129.6 101.6 152.4
51 38.9 30.3 45.5
86 64.7 50.6 75.8

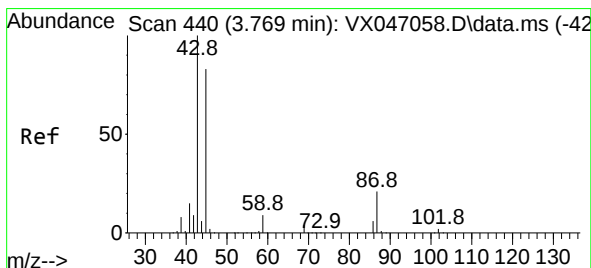
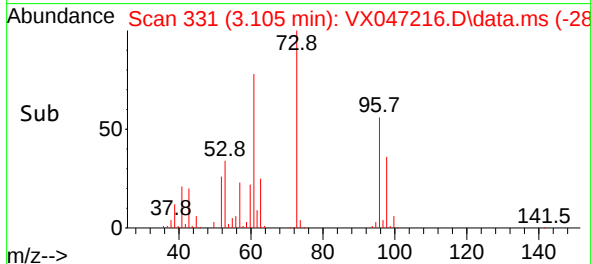
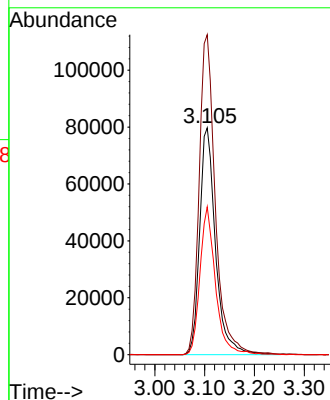
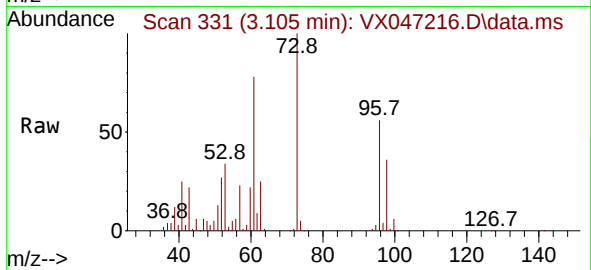




#21
trans-1,2-Dichloroethene
Concen: 48.074 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

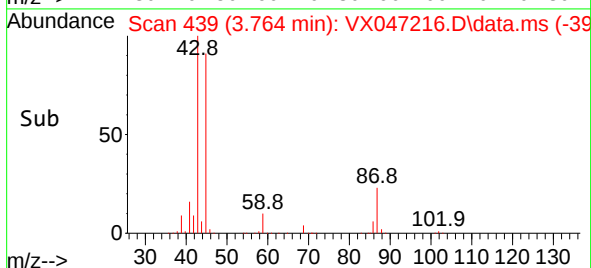
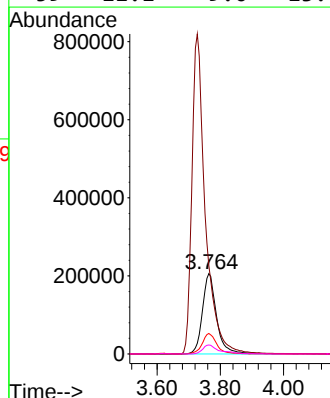
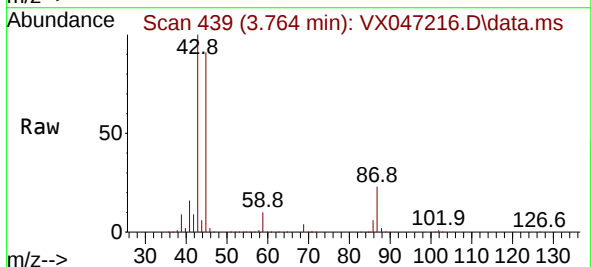
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

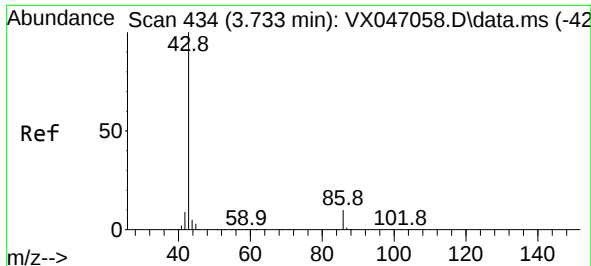
Tgt Ion: 96 Resp: 176250
Ion Ratio Lower Upper
96 100
61 141.0 111.1 166.7
98 65.2 49.6 74.4



#22
Diisopropyl ether
Concen: 51.436 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

Tgt Ion: 45 Resp: 640446
Ion Ratio Lower Upper
45 100
43 109.7 96.8 145.2
87 25.4 20.5 30.7
59 11.1 9.0 13.4

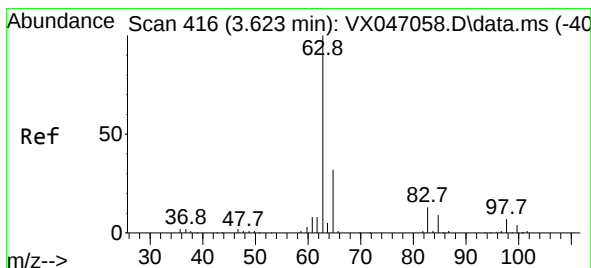
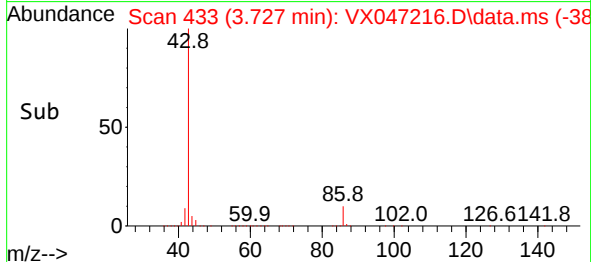
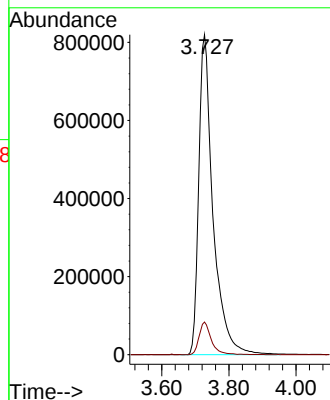
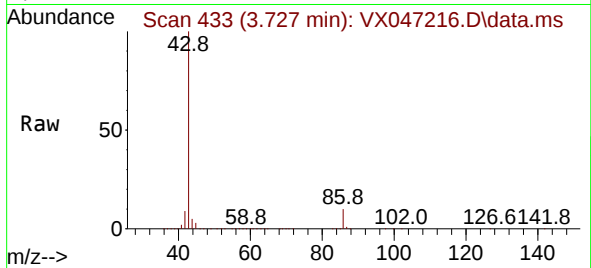




#23
 Vinyl Acetate
 Concen: 242.038 ug/l
 RT: 3.727 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: VX047216.D
 Acq: 04 Aug 2025 09:44

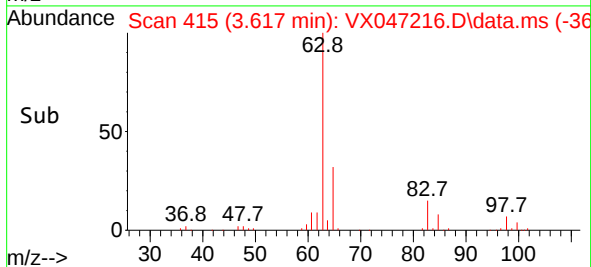
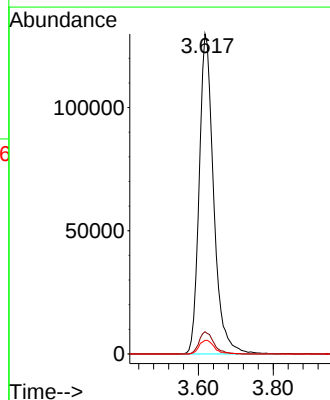
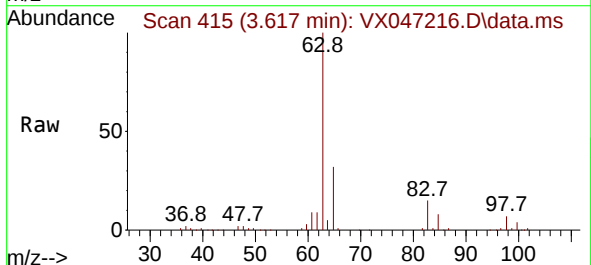
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

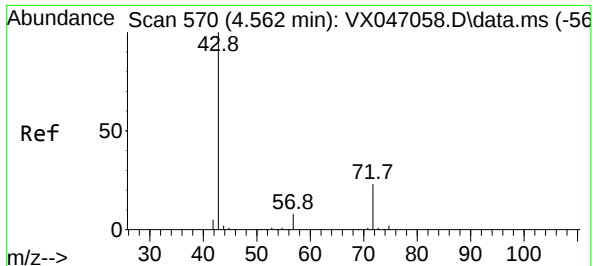
Tgt Ion: 43 Resp: 2417166
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 50.294 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: VX047216.D
 Acq: 04 Aug 2025 09:44

Tgt Ion: 63 Resp: 348228
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.8
 100 4.2 2.3 6.8

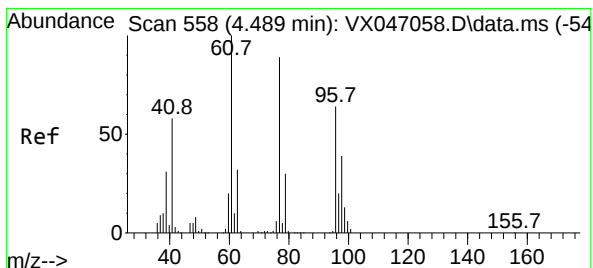
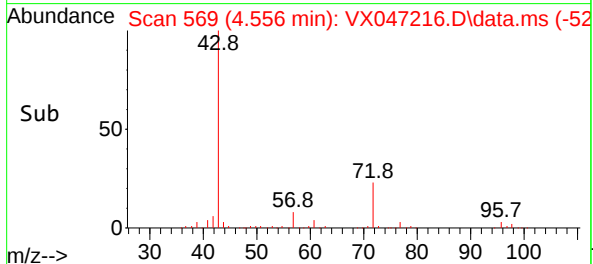
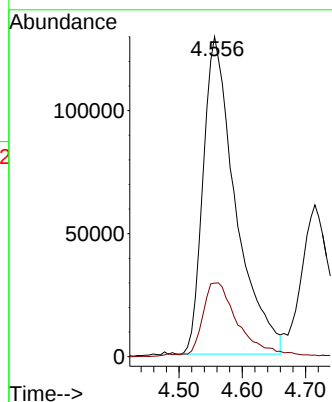
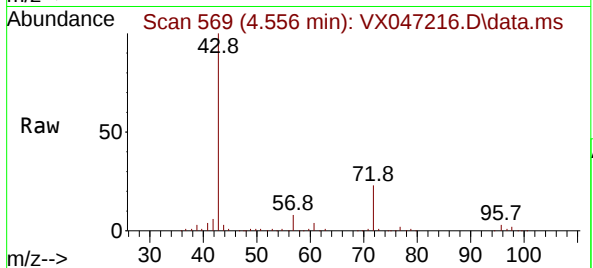




#25
2-Butanone
Concen: 221.547 ug/l
RT: 4.556 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

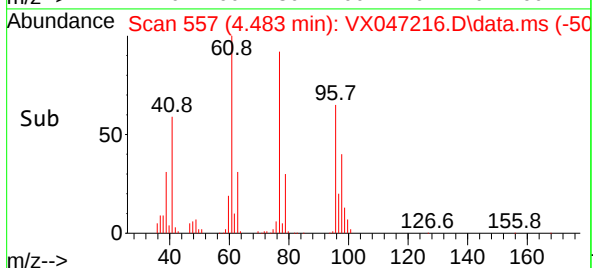
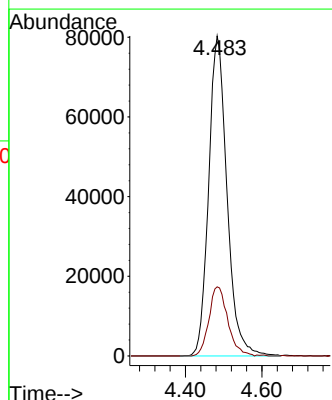
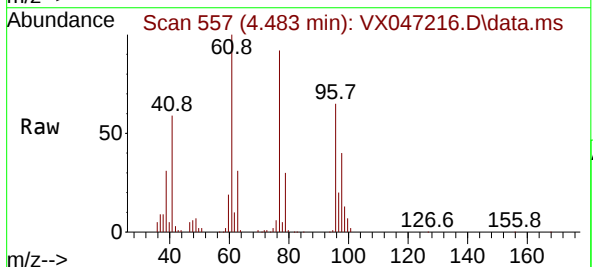
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

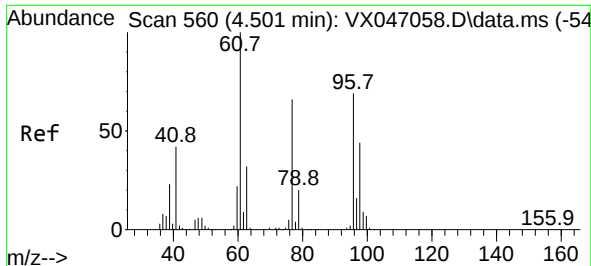
Tgt Ion: 43 Resp: 458934
Ion Ratio Lower Upper
43 100
72 22.3 18.8 28.2



#26
2,2-Dichloropropane
Concen: 49.902 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

Tgt Ion: 77 Resp: 267458
Ion Ratio Lower Upper
77 100
97 22.2 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 48.877 ug/l

RT: 4.495 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

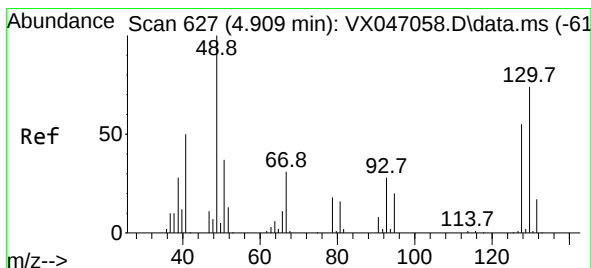
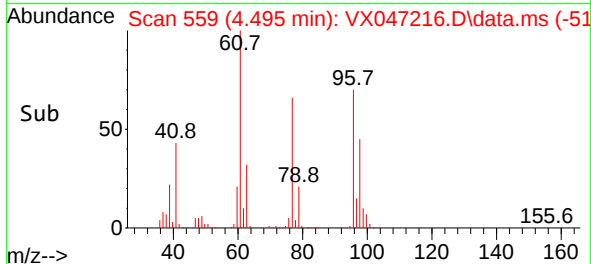
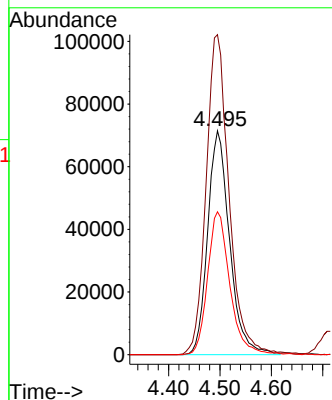
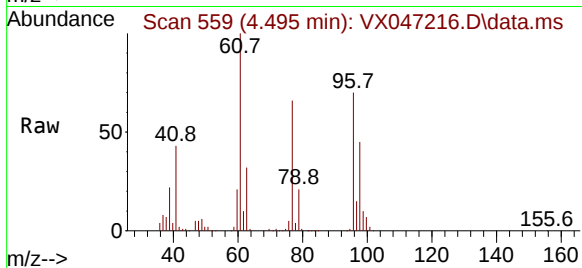
Tgt Ion: 96 Resp: 212196

Ion Ratio Lower Upper

96 100

61 149.6 0.0 298.6

98 64.6 0.0 128.8



#28

Bromochloromethane

Concen: 52.097 ug/l

RT: 4.898 min Scan# 625

Delta R.T. -0.012 min

Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

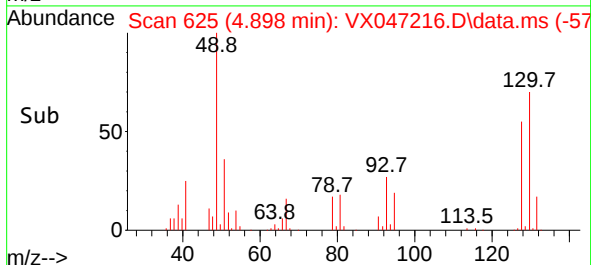
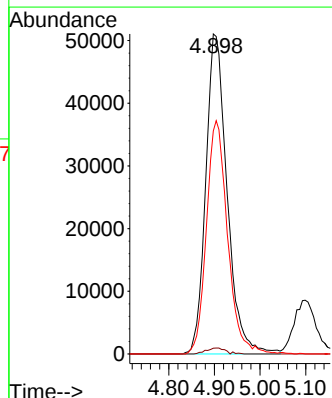
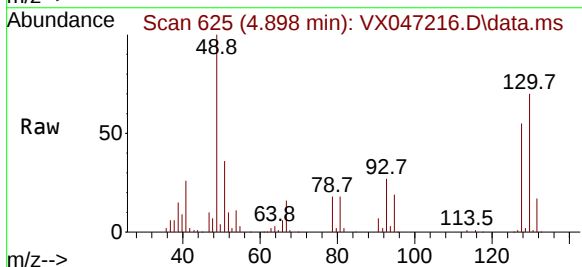
Tgt Ion: 49 Resp: 165950

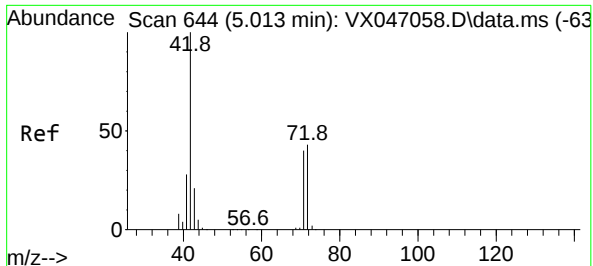
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

130 72.1 59.0 88.4





#29

Tetrahydrofuran

Concen: 210.217 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

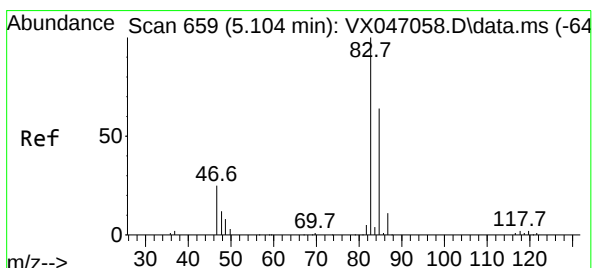
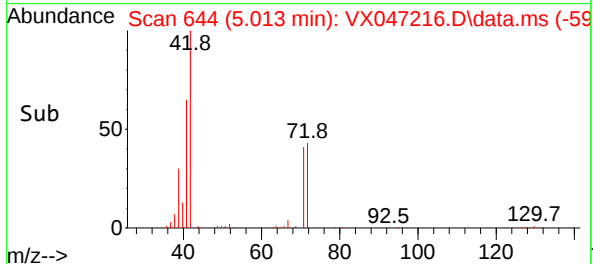
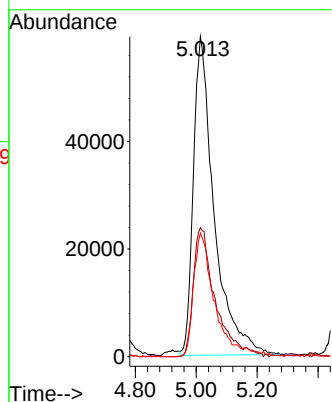
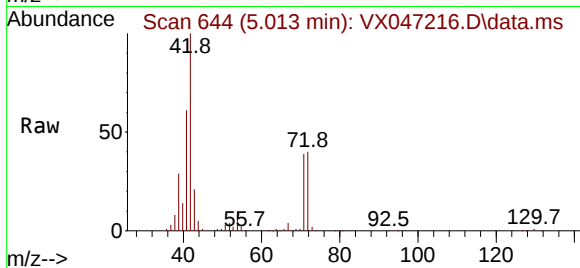
Tgt Ion: 42 Resp: 280967

Ion Ratio Lower Upper

42 100

72 41.1 33.7 50.5

71 37.8 31.0 46.4



#30

Chloroform

Concen: 49.312 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.006 min

Lab File: VX047216.D

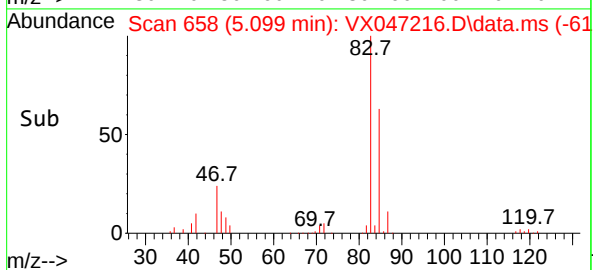
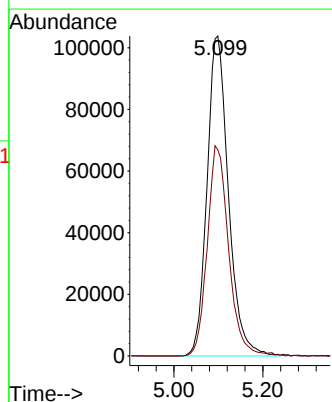
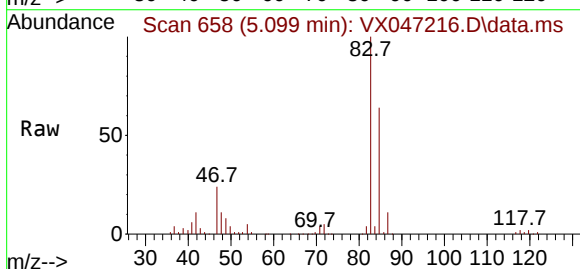
Acq: 04 Aug 2025 09:44

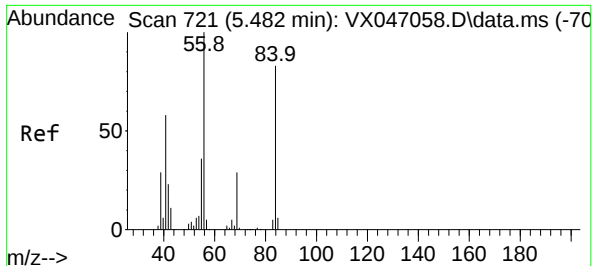
Tgt Ion: 83 Resp: 347550

Ion Ratio Lower Upper

83 100

85 64.4 50.9 76.3

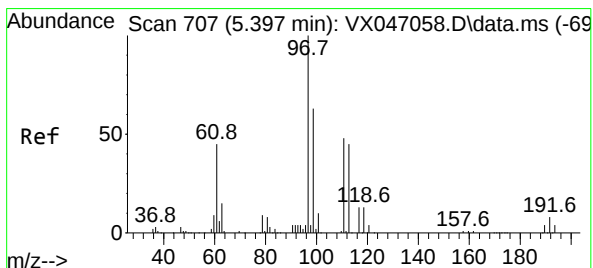
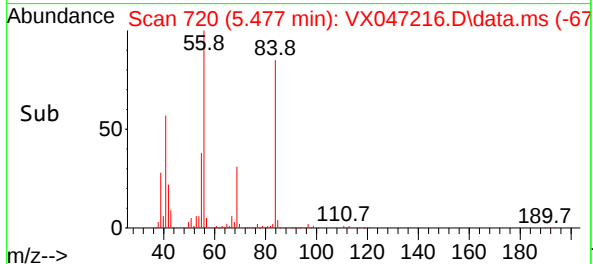
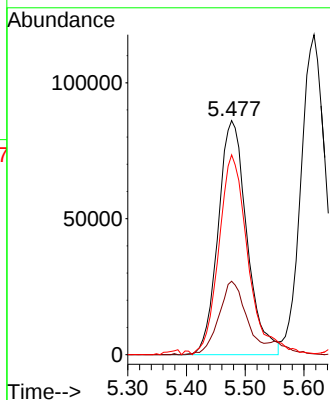
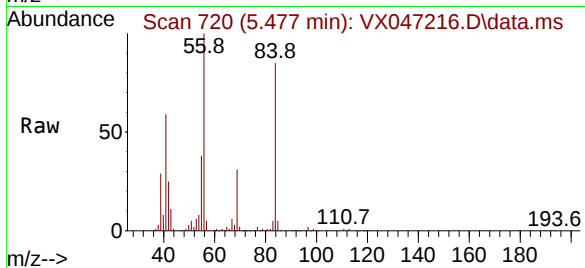




#31
Cyclohexane
Concen: 44.067 ug/l
RT: 5.477 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

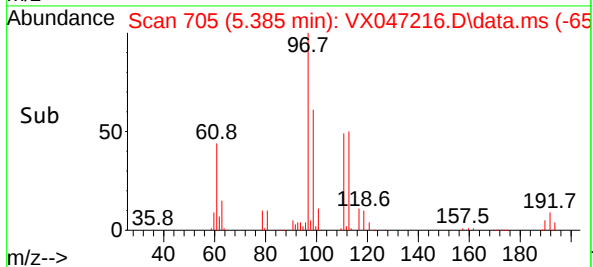
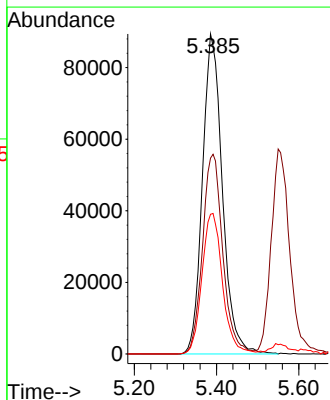
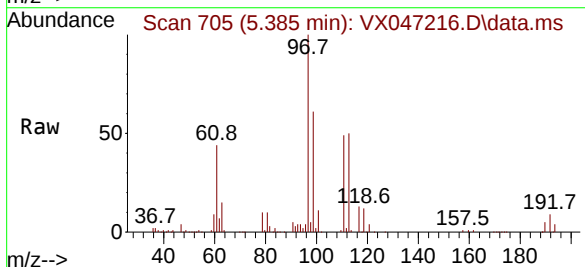
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

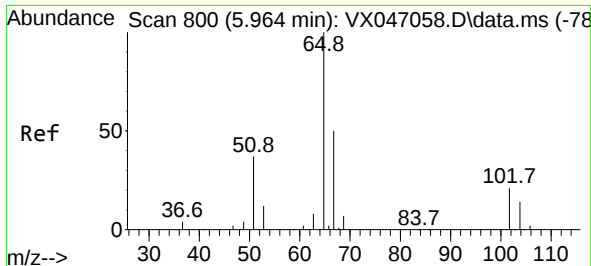
Tgt Ion: 56 Resp: 292553
Ion Ratio Lower Upper
56 100
69 30.9 23.3 34.9
84 83.3 66.5 99.7



#32
1,1,1-Trichloroethane
Concen: 49.115 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

Tgt Ion: 97 Resp: 300668
Ion Ratio Lower Upper
97 100
99 63.6 51.2 76.8
61 45.4 37.1 55.7

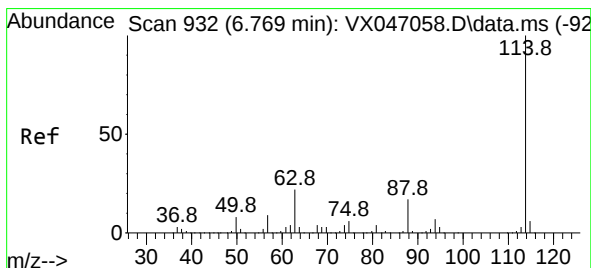
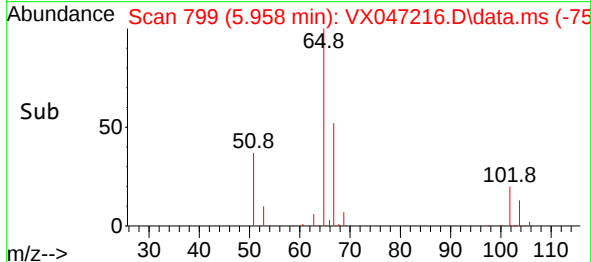
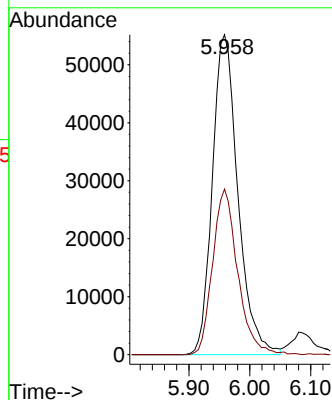
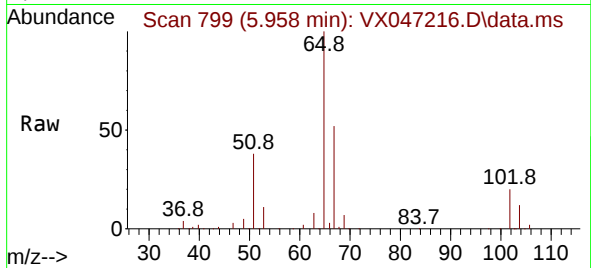




#33
 1,2-Dichloroethane-d4
 Concen: 45.247 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX047216.D
 Acq: 04 Aug 2025 09:44

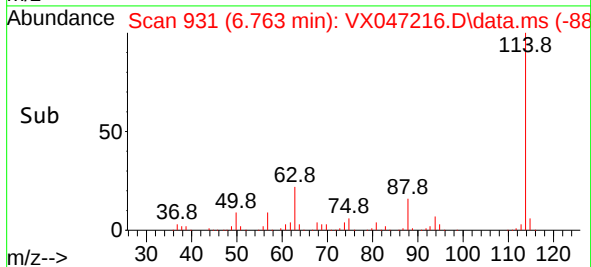
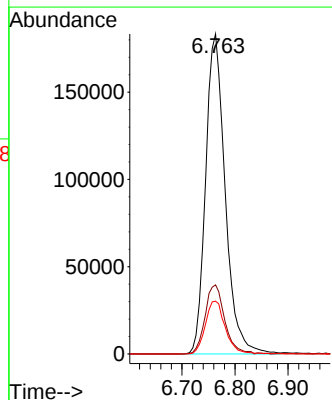
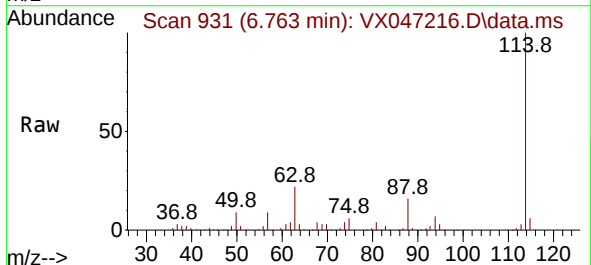
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

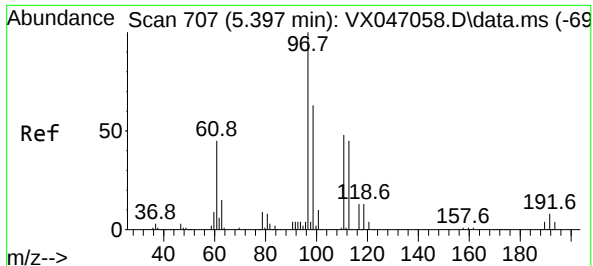
Tgt Ion: 65 Resp: 160683
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX047216.D
 Acq: 04 Aug 2025 09:44

Tgt Ion: 114 Resp: 469873
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.2
 88 16.5 0.0 33.8





#35

Dibromofluoromethane

Concen: 49.366 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.012 min

Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

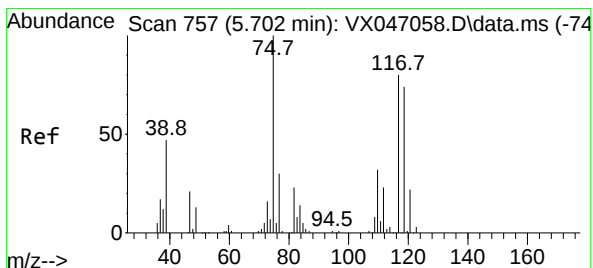
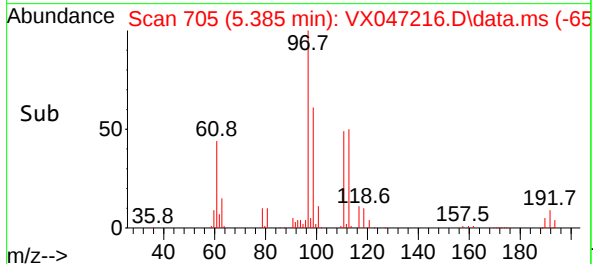
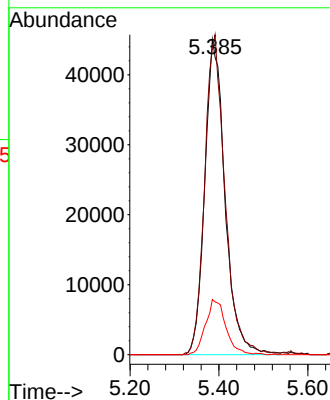
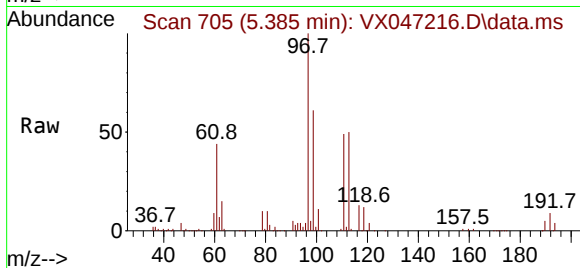
Tgt Ion:113 Resp: 143217

Ion Ratio Lower Upper

113 100

111 101.5 82.6 124.0

192 17.4 14.9 22.3



#36

1,1-Dichloropropene

Concen: 46.455 ug/l

RT: 5.696 min Scan# 756

Delta R.T. -0.006 min

Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

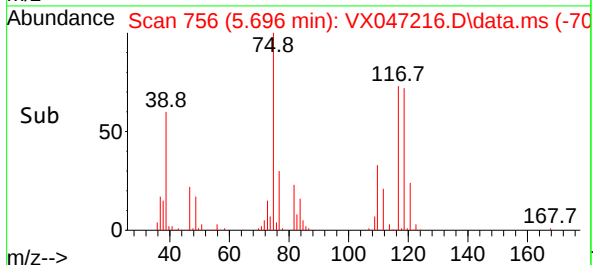
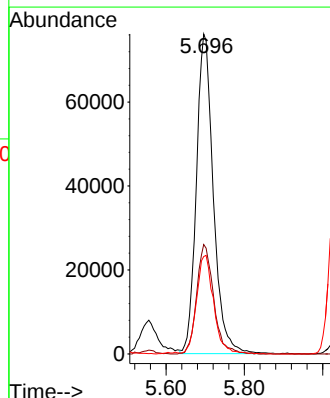
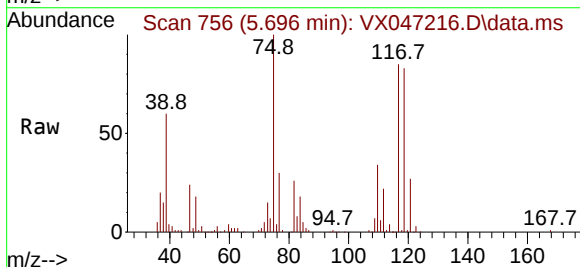
Tgt Ion: 75 Resp: 229732

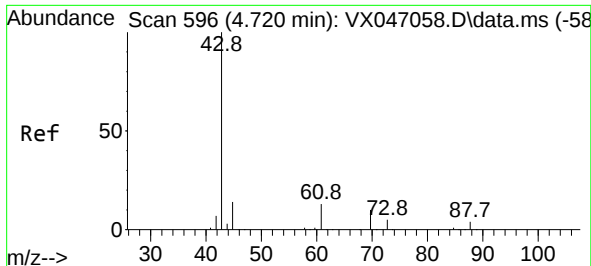
Ion Ratio Lower Upper

75 100

110 34.4 17.2 51.5

77 31.2 25.1 37.7





#37

Ethyl Acetate

Concen: 44.933 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.006 min

Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

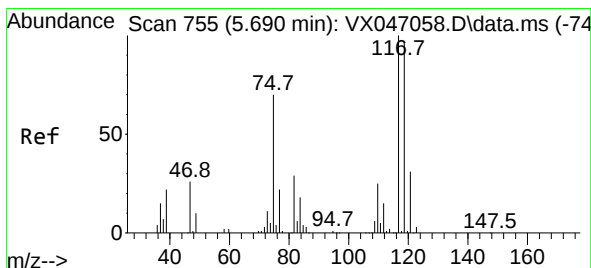
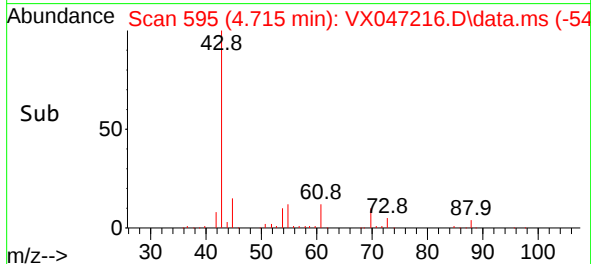
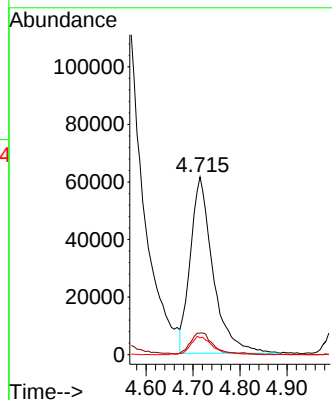
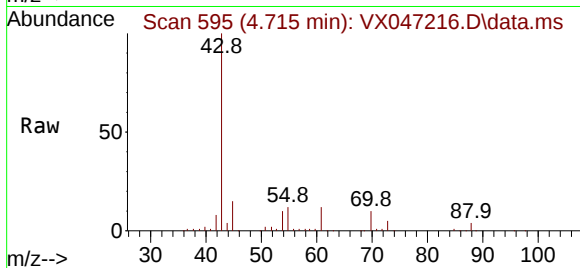
Tgt Ion: 43 Resp: 204751

Ion Ratio Lower Upper

43 100

61 11.2 10.2 15.2

70 10.1 8.1 12.1



#38

Carbon Tetrachloride

Concen: 49.142 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

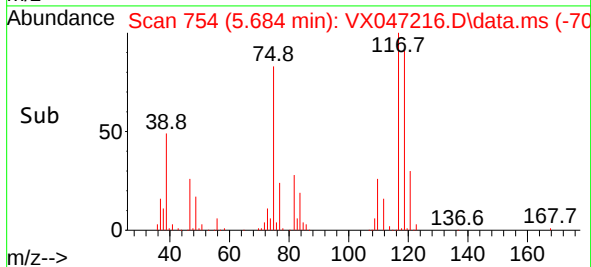
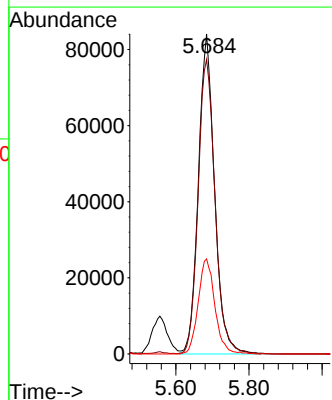
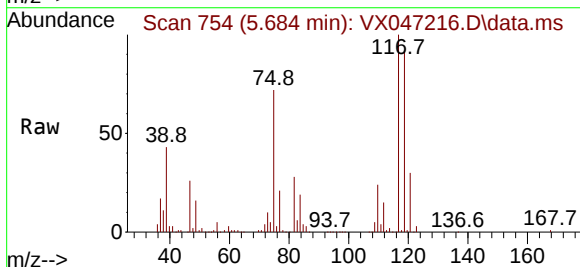
Tgt Ion: 117 Resp: 259382

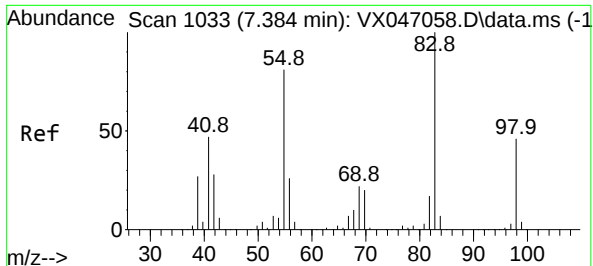
Ion Ratio Lower Upper

117 100

119 92.0 76.6 115.0

121 29.7 24.4 36.6





#39

Methylcyclohexane

Concen: 45.399 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

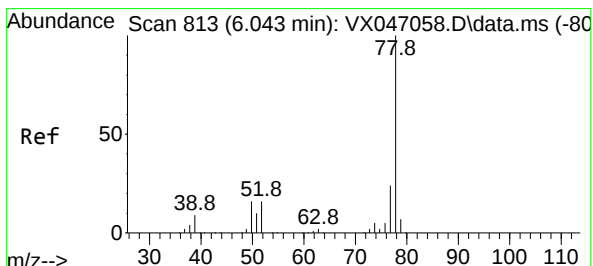
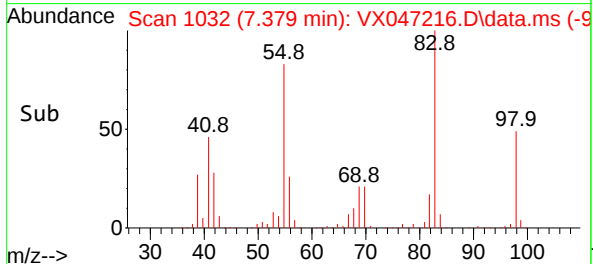
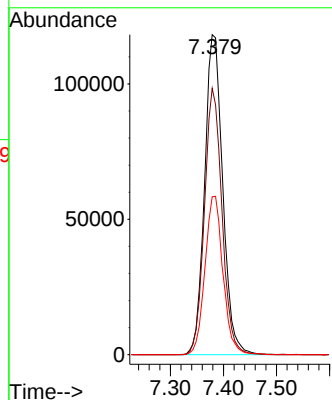
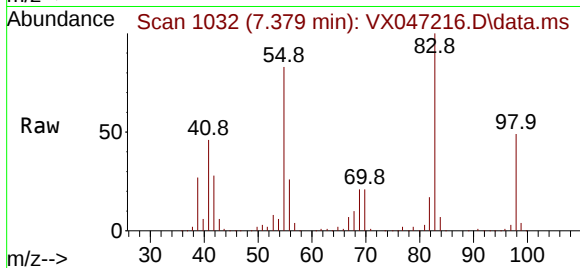
Tgt Ion: 83 Resp: 280315

Ion Ratio Lower Upper

83 100

55 83.2 64.5 96.7

98 49.4 36.9 55.3



#40

Benzene

Concen: 48.543 ug/l

RT: 6.038 min Scan# 812

Delta R.T. -0.006 min

Lab File: VX047216.D

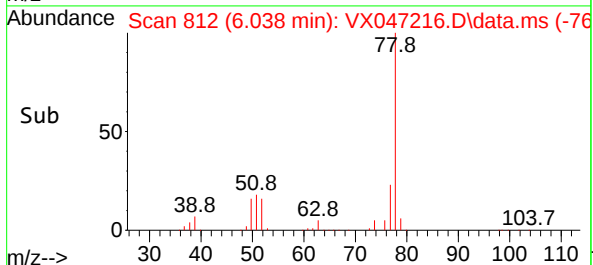
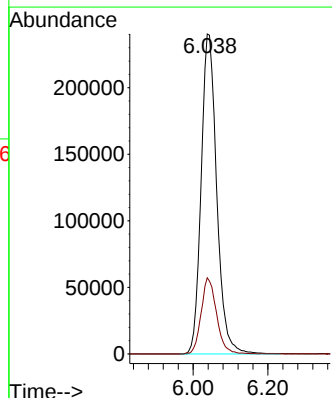
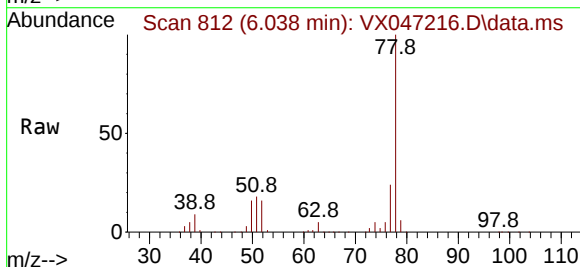
Acq: 04 Aug 2025 09:44

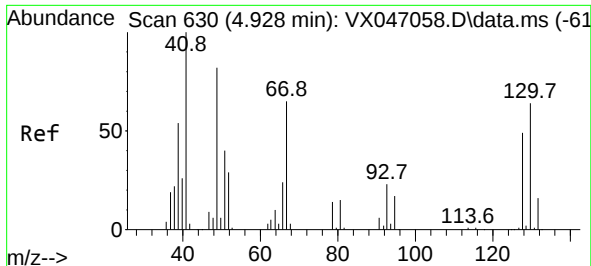
Tgt Ion: 78 Resp: 694725

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.4



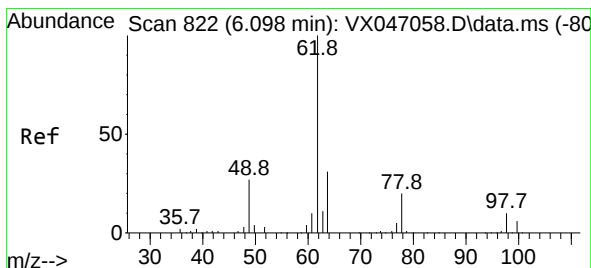
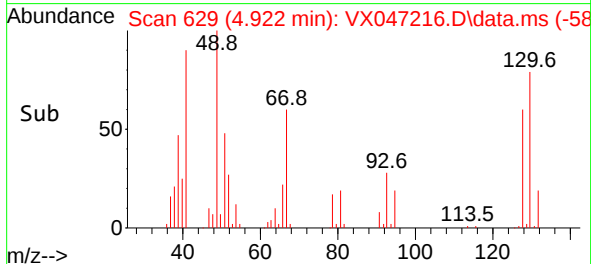
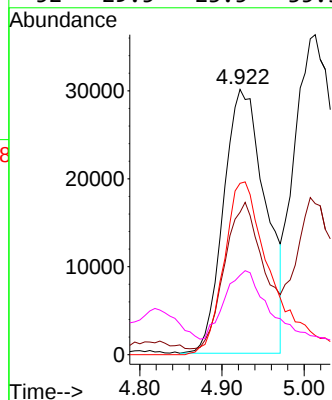
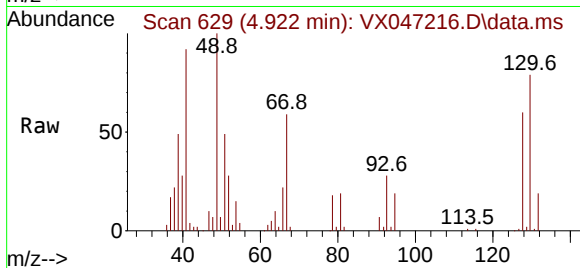


#41
Methacrylonitrile
Concen: 44.682 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 106459

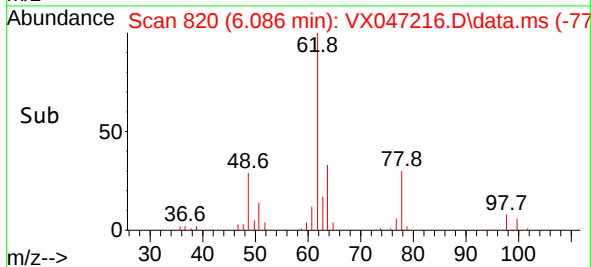
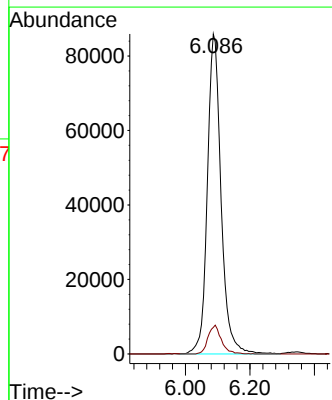
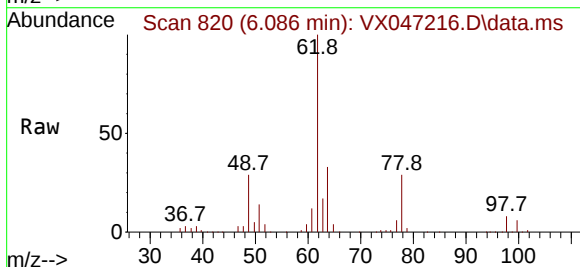
Ion	Ratio	Lower	Upper
41	100		
39	52.1	44.2	66.2
67	75.1	56.4	84.6
52	29.5	23.5	35.3

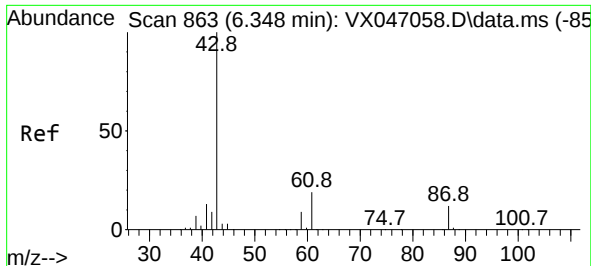


#42
1,2-Dichloroethane
Concen: 50.224 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.012 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

Tgt Ion: 62 Resp: 253198

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.8

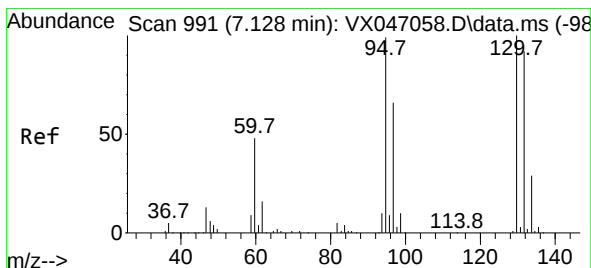
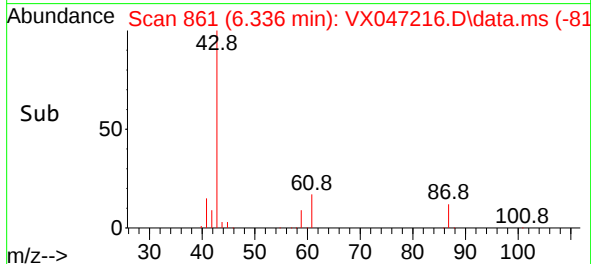
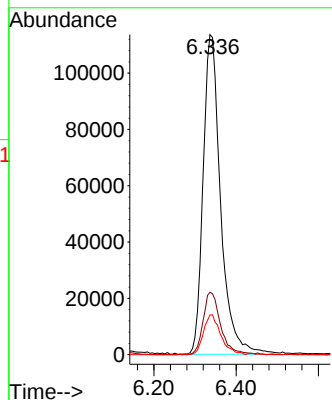
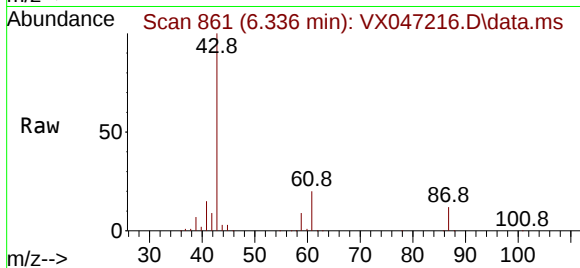




#43
Isopropyl Acetate
Concen: 47.246 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.012 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

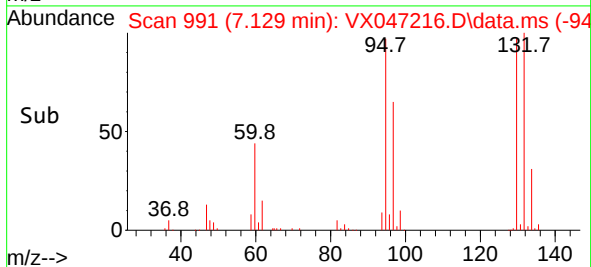
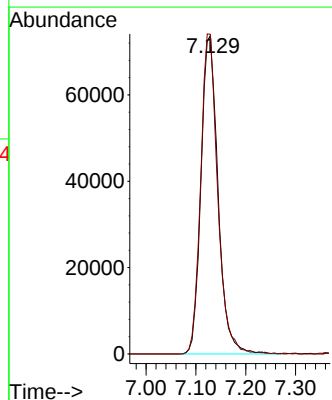
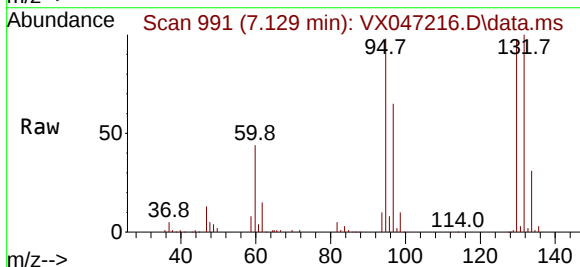
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

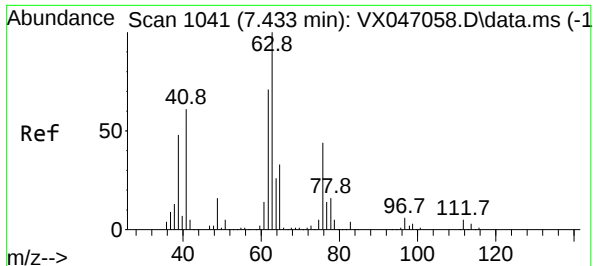
Tgt Ion: 43 Resp: 335632
Ion Ratio Lower Upper
43 100
61 19.6 15.1 22.7
87 12.3 9.7 14.5



#44
Trichloroethene
Concen: 47.674 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

Tgt Ion:130 Resp: 174961
Ion Ratio Lower Upper
130 100
95 100.5 0.0 198.6





#45

1,2-Dichloropropane

Concen: 49.493 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

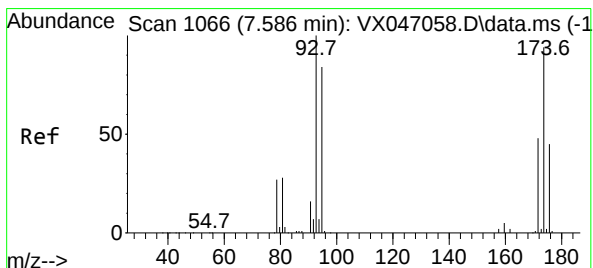
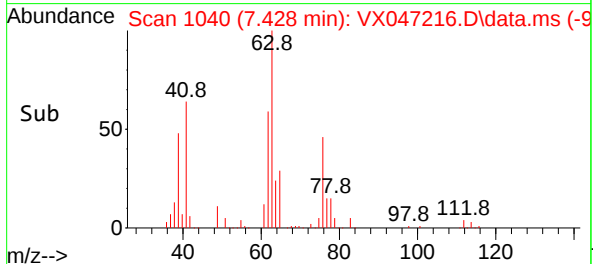
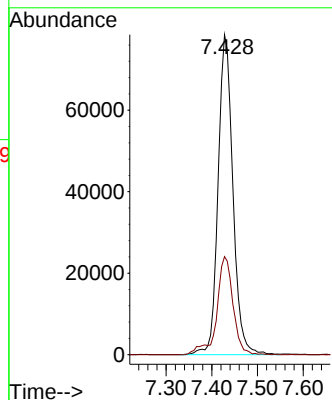
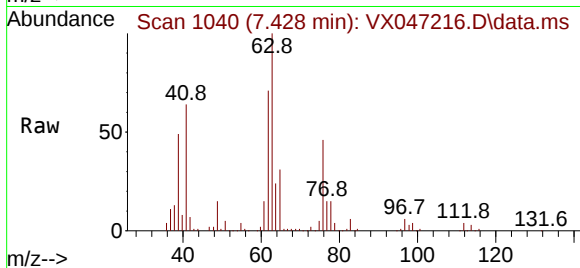
VSTDCCC050

Tgt Ion: 63 Resp: 177404

Ion Ratio Lower Upper

63 100

65 30.7 26.3 39.5



#46

Dibromomethane

Concen: 49.278 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

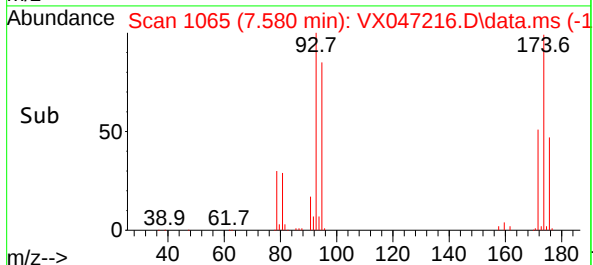
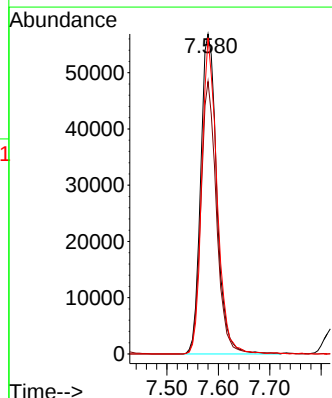
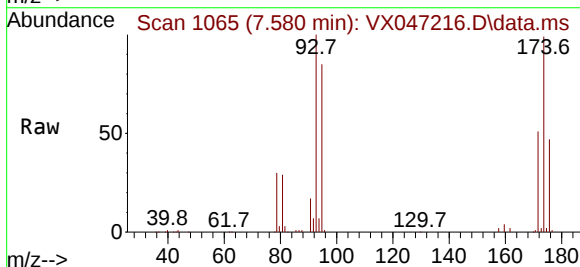
Tgt Ion: 93 Resp: 123866

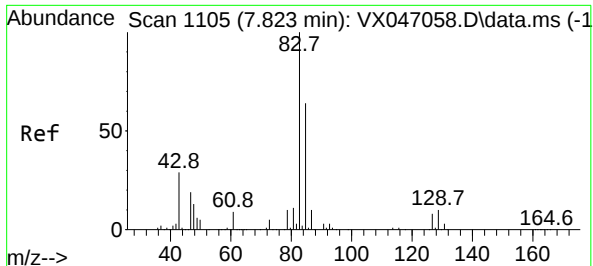
Ion Ratio Lower Upper

93 100

95 82.6 65.9 98.9

174 93.7 74.6 112.0

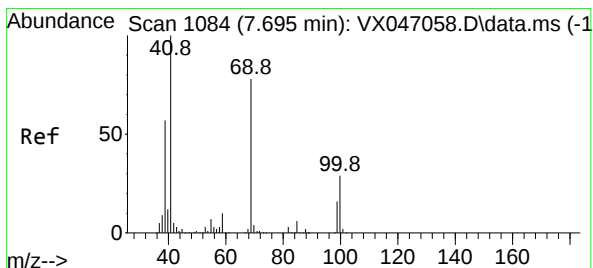
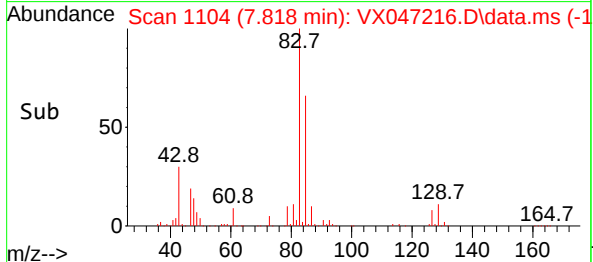
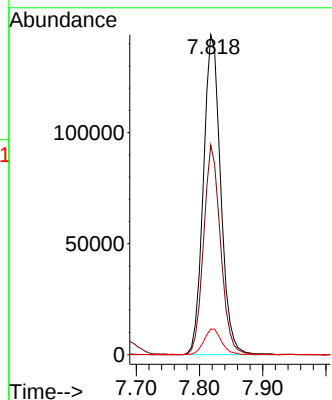
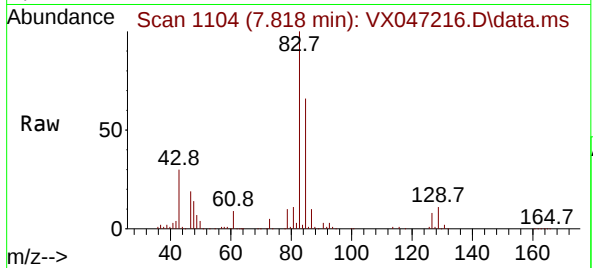




#47
Bromodichloromethane
Concen: 51.292 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

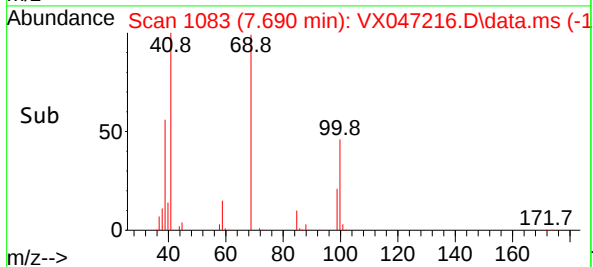
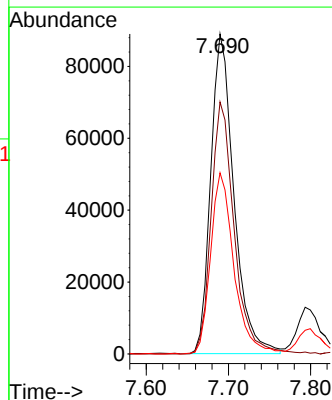
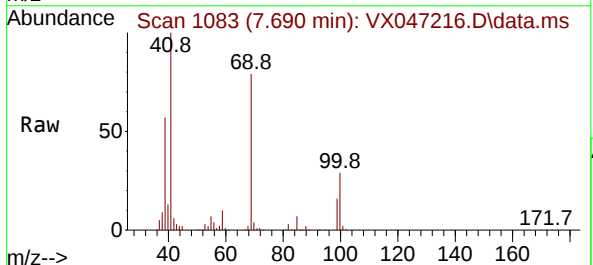
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

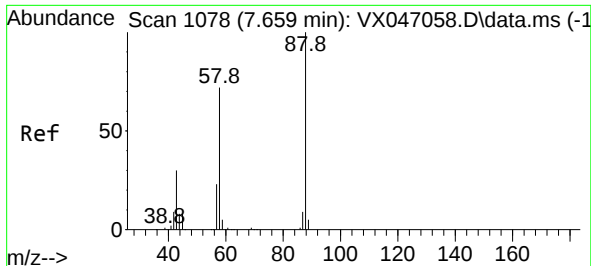
Tgt Ion: 83 Resp: 274423
Ion Ratio Lower Upper
83 100
85 65.5 49.9 74.9
127 8.0 6.6 10.0



#48
Methyl methacrylate
Concen: 44.973 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

Tgt Ion: 41 Resp: 174048
Ion Ratio Lower Upper
41 100
69 78.8 62.3 93.5
39 57.2 44.8 67.2





#49

1,4-Dioxane

Concen: 871.859 ug/l

RT: 7.732 min Scan# 1

Delta R.T. 0.074 min

Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

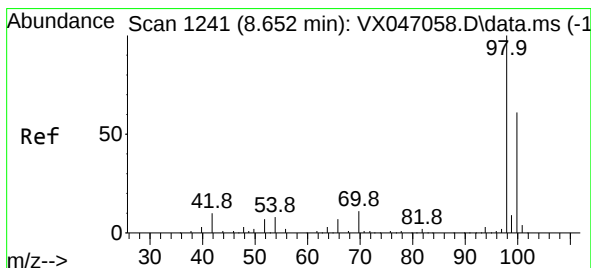
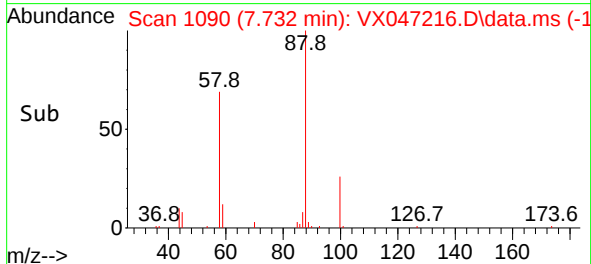
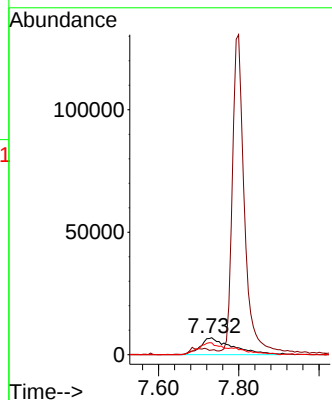
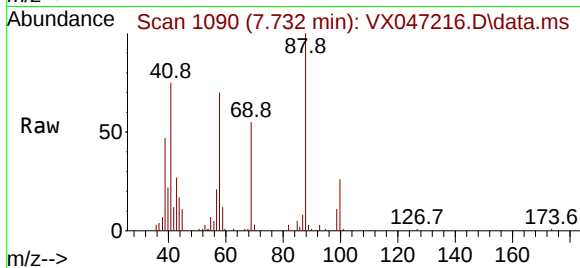
Tgt Ion: 88 Resp: 38376

Ion Ratio Lower Upper

88 100

43 0.0 33.6 50.4#

58 52.2 58.8 88.2#



#50

Toluene-d8

Concen: 43.072 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX047216.D

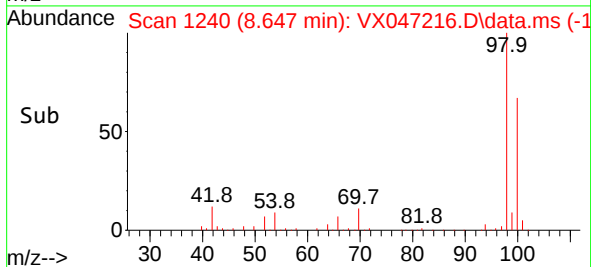
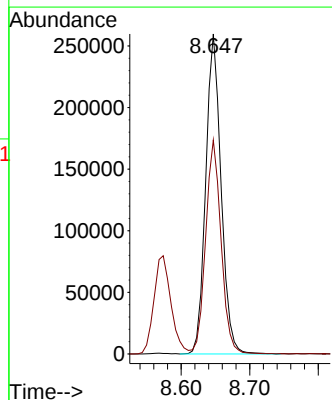
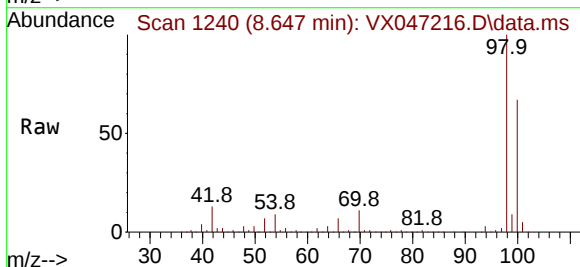
Acq: 04 Aug 2025 09:44

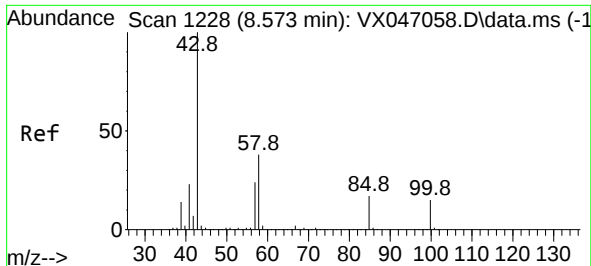
Tgt Ion: 98 Resp: 404675

Ion Ratio Lower Upper

98 100

100 67.3 53.3 79.9

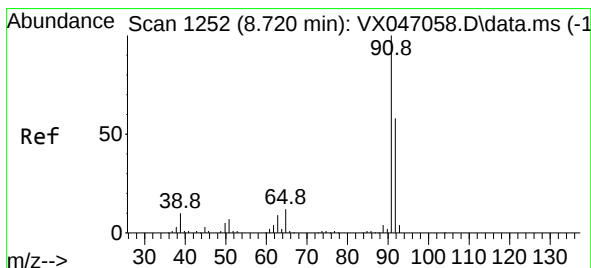
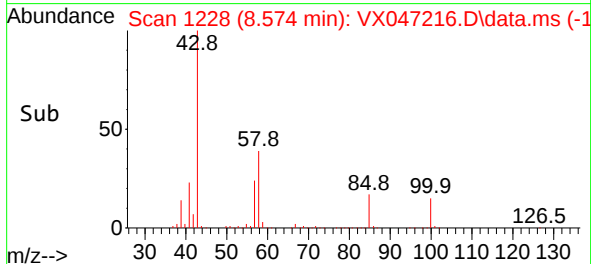
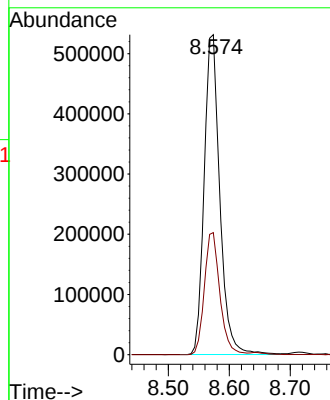
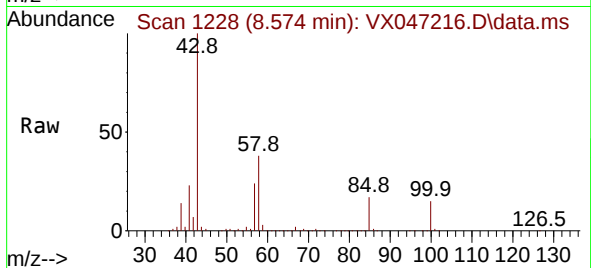




#51
4-Methyl-2-Pentanone
Concen: 224.982 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

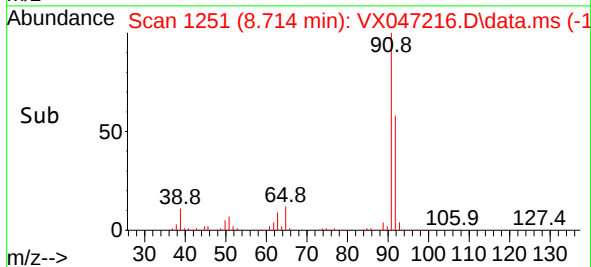
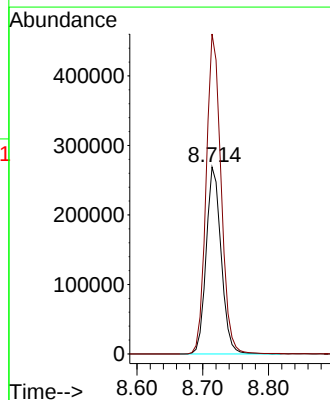
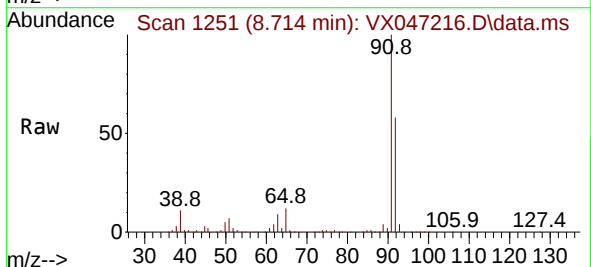
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

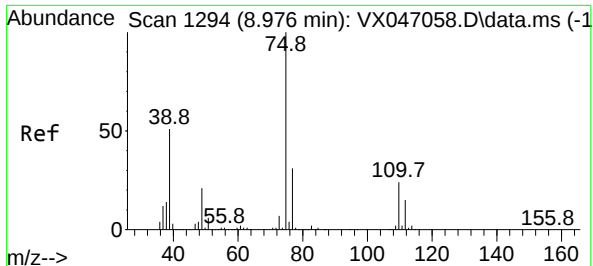
Tgt Ion: 43 Resp: 949990
Ion Ratio Lower Upper
43 100
58 37.8 30.6 45.8



#52
Toluene
Concen: 48.346 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

Tgt Ion: 92 Resp: 425441
Ion Ratio Lower Upper
92 100
91 170.9 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 49.904 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

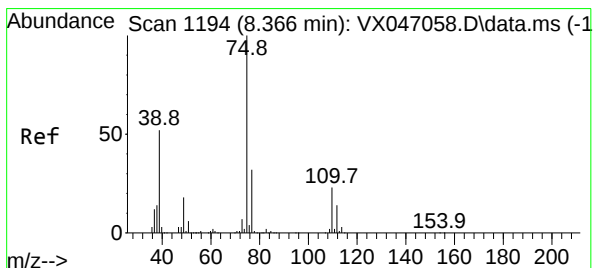
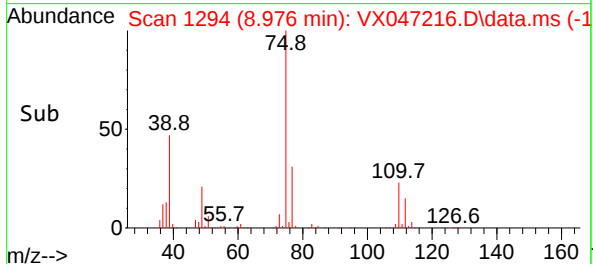
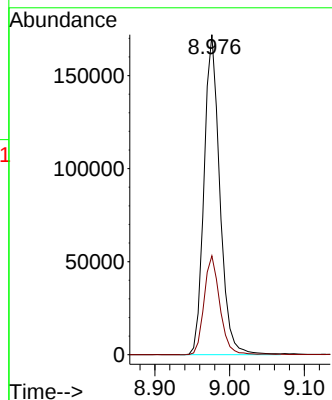
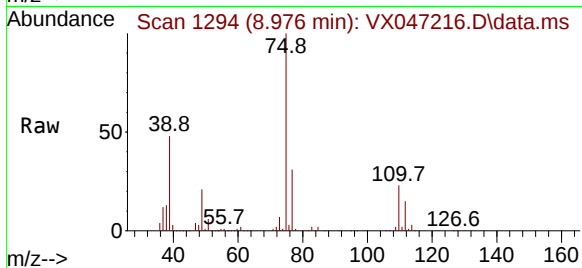
VSTDCCC050

Tgt Ion: 75 Resp: 252131

Ion Ratio Lower Upper

75 100

77 30.9 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 49.966 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

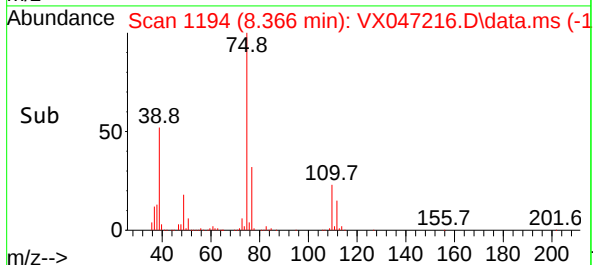
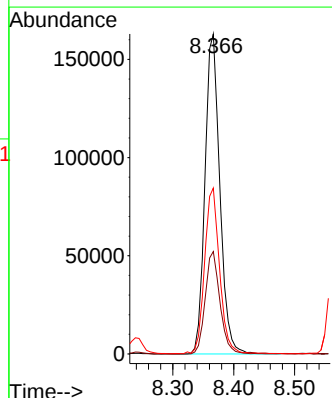
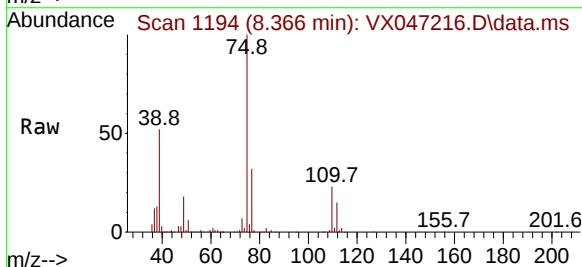
Tgt Ion: 75 Resp: 276296

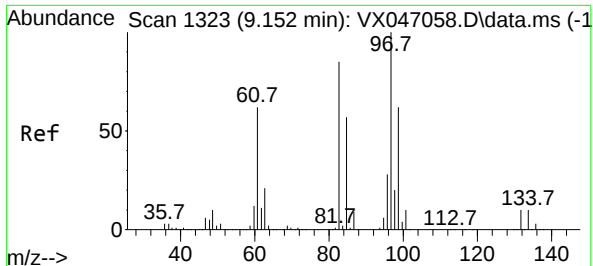
Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.0

39 51.8 41.8 62.6





#55

1,1,2-Trichloroethane

Concen: 49.088 ug/l

RT: 9.147 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 162000

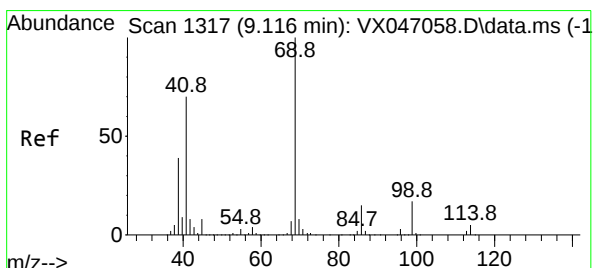
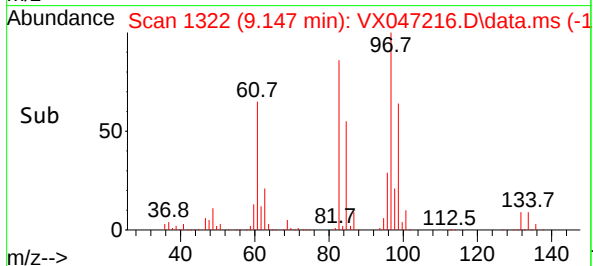
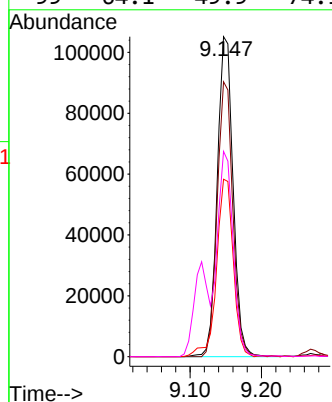
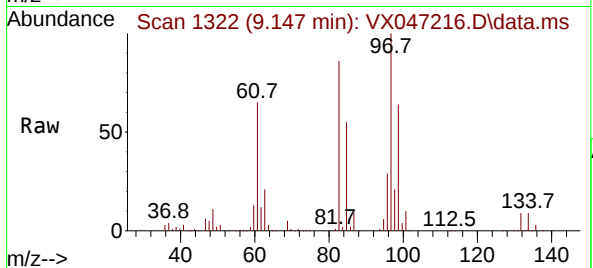
Ion Ratio Lower Upper

97 100

83 85.9 68.0 102.0

85 55.5 45.2 67.8

99 64.1 49.9 74.9



#56

Ethyl methacrylate

Concen: 49.262 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

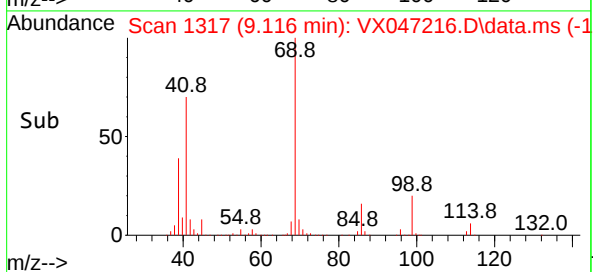
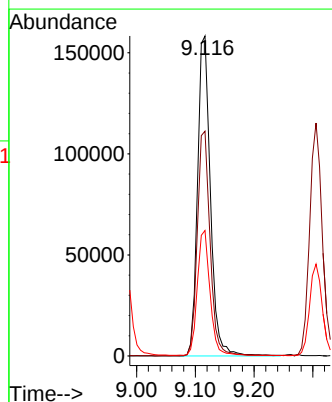
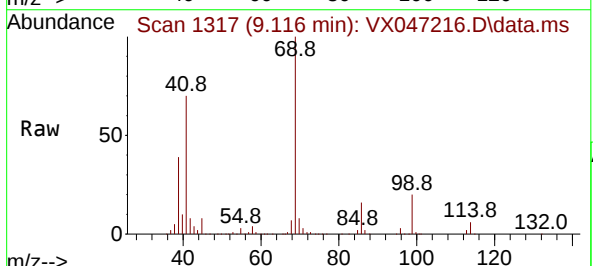
Tgt Ion: 69 Resp: 240675

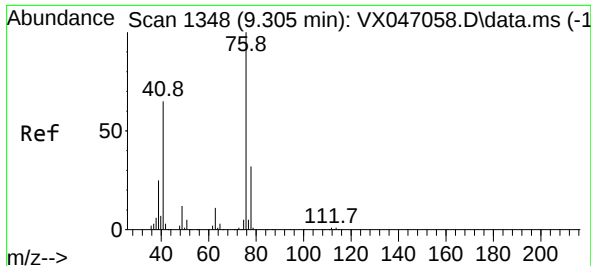
Ion Ratio Lower Upper

69 100

41 69.6 56.1 84.1

39 38.7 31.1 46.7





#57

1,3-Dichloropropane

Concen: 48.152 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

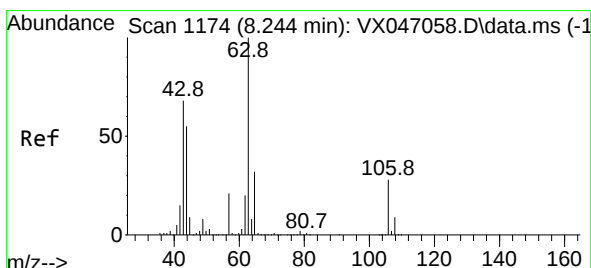
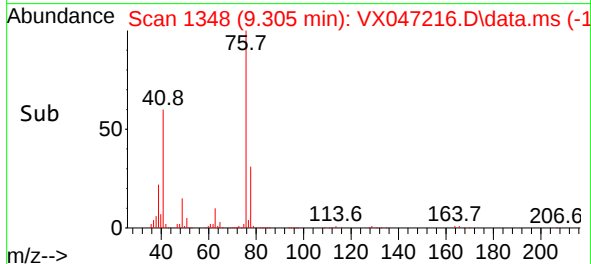
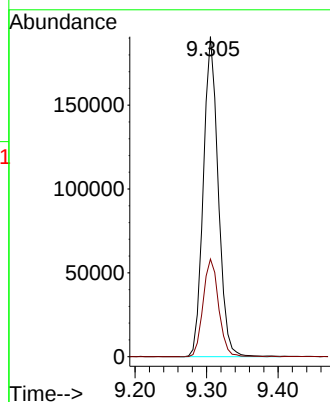
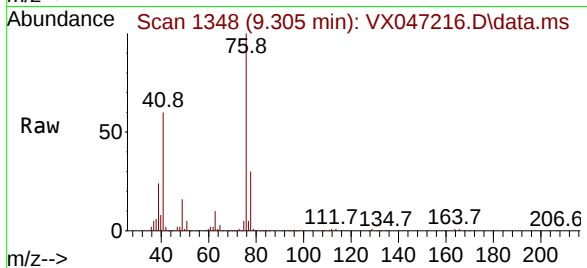
VSTDCCC050

Tgt Ion: 76 Resp: 276179

Ion Ratio Lower Upper

76 100

78 31.8 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 224.985 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX047216.D

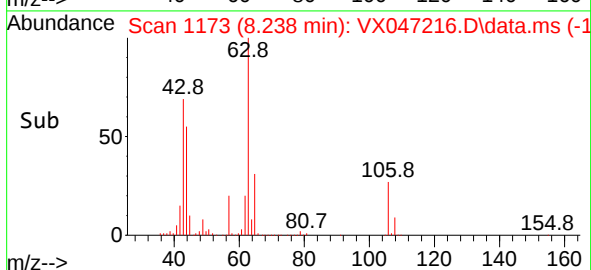
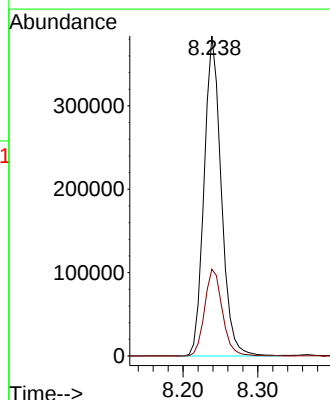
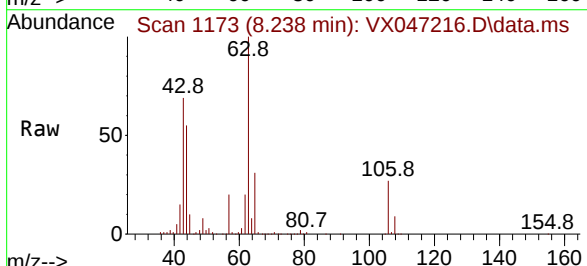
Acq: 04 Aug 2025 09:44

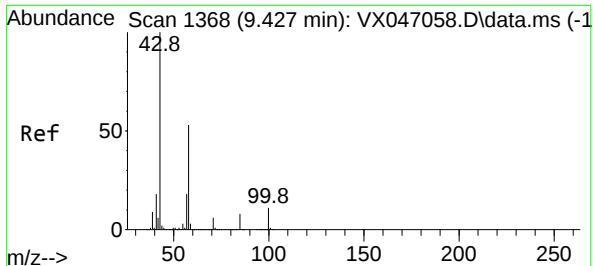
Tgt Ion: 63 Resp: 611669

Ion Ratio Lower Upper

63 100

106 28.0 22.2 33.4





#59

2-Hexanone

Concen: 228.231 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

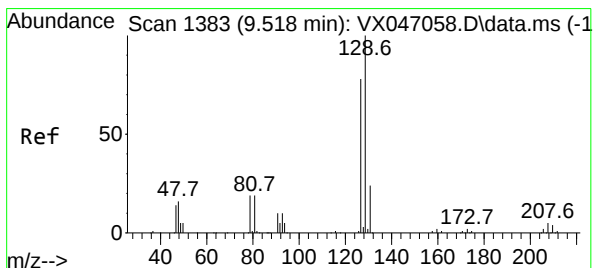
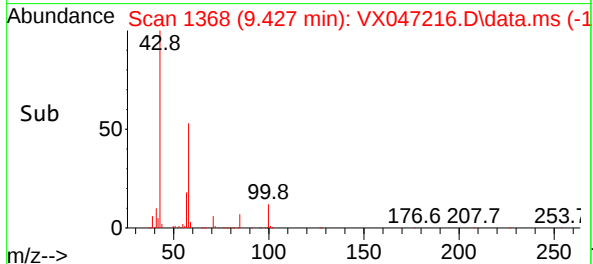
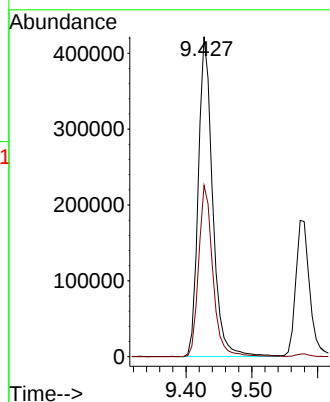
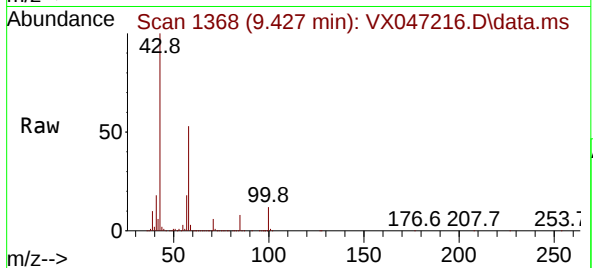
VSTDCCC050

Tgt Ion: 43 Resp: 636703

Ion Ratio Lower Upper

43 100

58 53.1 26.5 79.5



#60

Dibromochloromethane

Concen: 50.784 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX047216.D

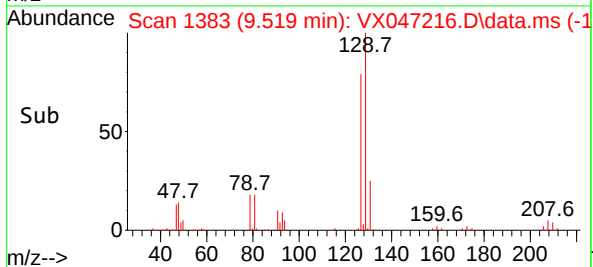
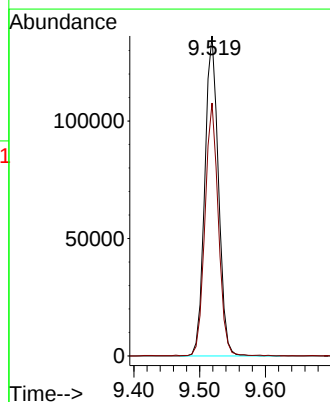
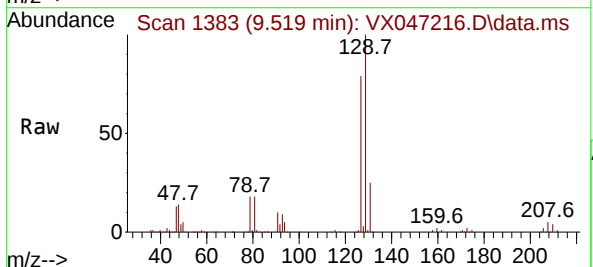
Acq: 04 Aug 2025 09:44

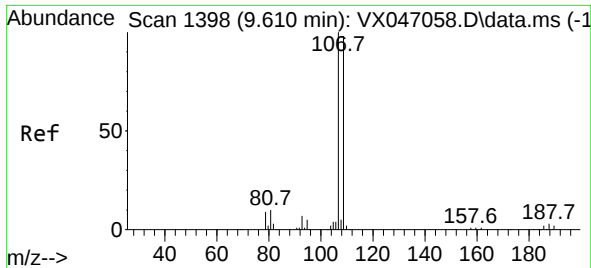
Tgt Ion:129 Resp: 196563

Ion Ratio Lower Upper

129 100

127 76.9 38.6 115.8

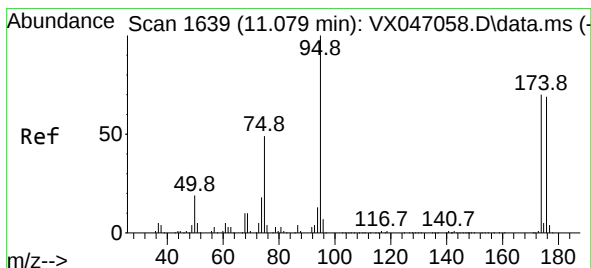
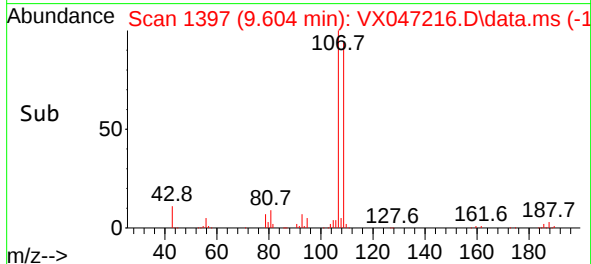
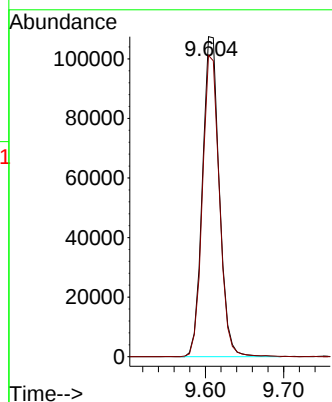
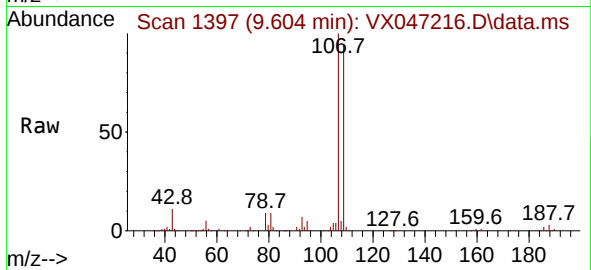




#61
1,2-Dibromoethane
Concen: 46.612 ug/l
RT: 9.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

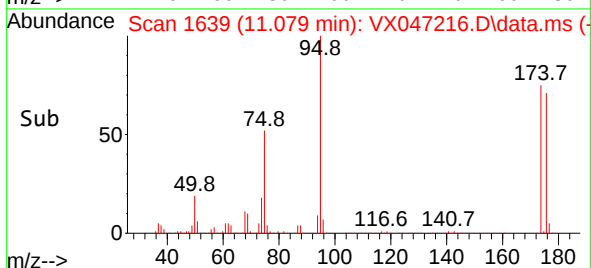
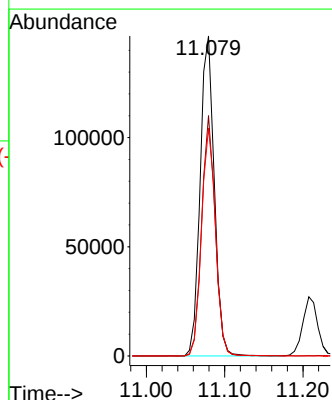
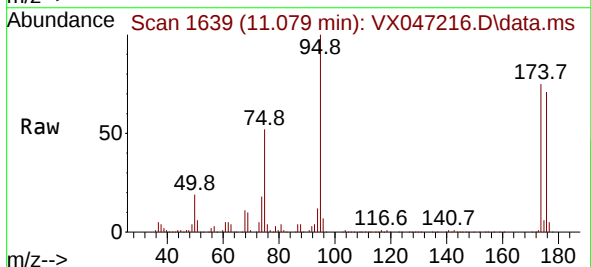
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

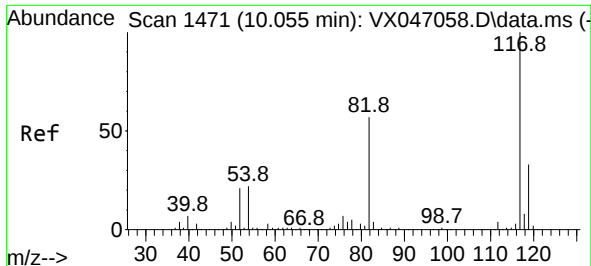
Tgt Ion:107 Resp: 160847
Ion Ratio Lower Upper
107 100
109 94.6 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 45.356 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

Tgt Ion: 95 Resp: 183638
Ion Ratio Lower Upper
95 100
174 72.4 0.0 144.6
176 70.6 0.0 139.6

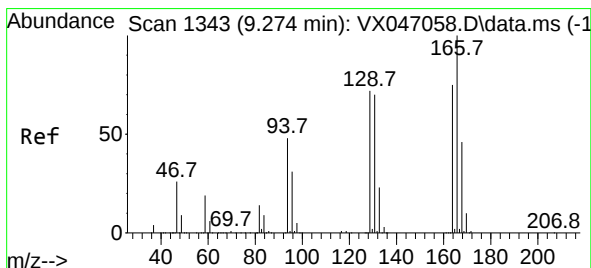
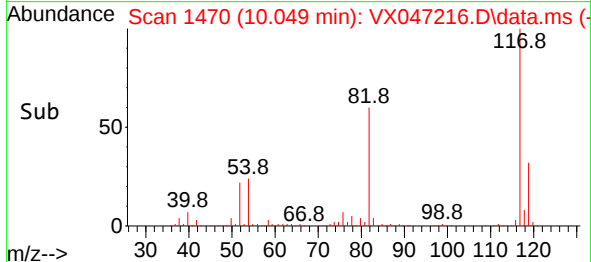
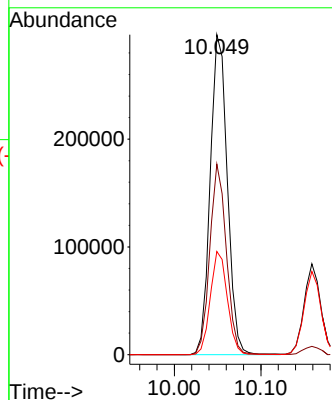
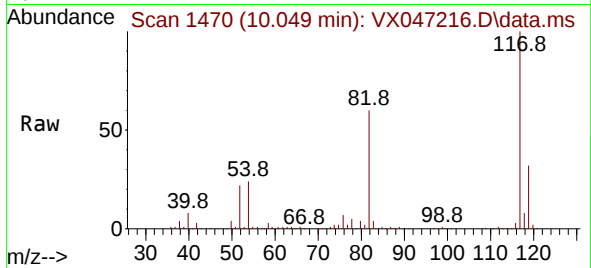




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

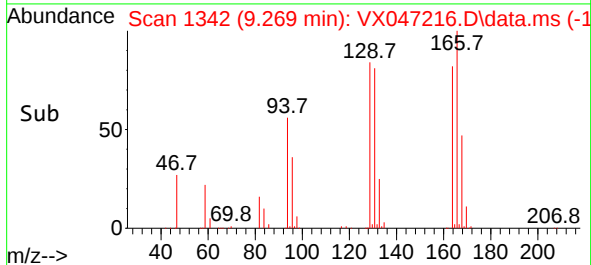
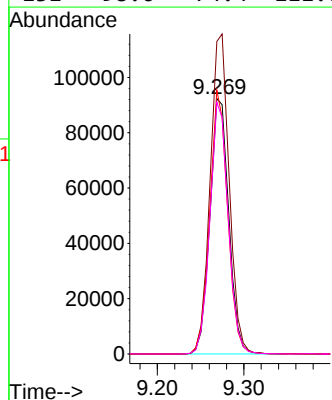
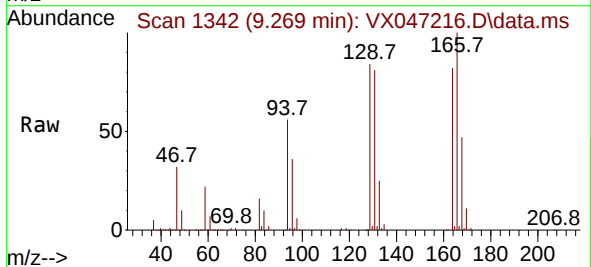
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

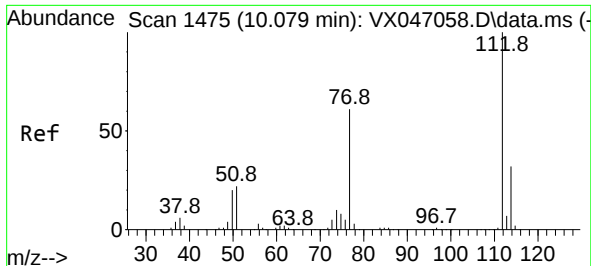
Tgt Ion:117 Resp: 406977
Ion Ratio Lower Upper
117 100
82 59.5 45.4 68.2
119 32.2 26.1 39.1



#64
Tetrachloroethene
Concen: 47.477 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

Tgt Ion:164 Resp: 139292
Ion Ratio Lower Upper
164 100
166 122.3 106.2 159.4
129 103.2 76.6 114.8
131 98.6 74.4 111.6

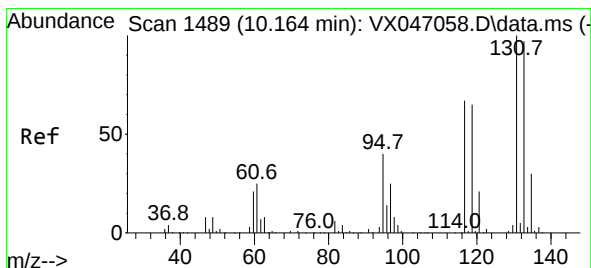
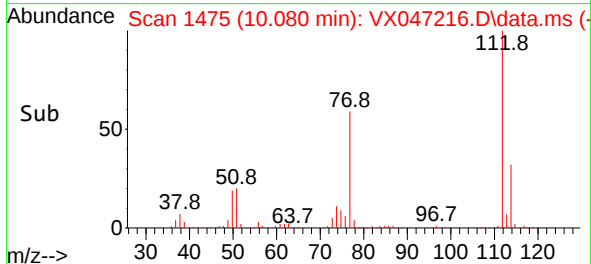
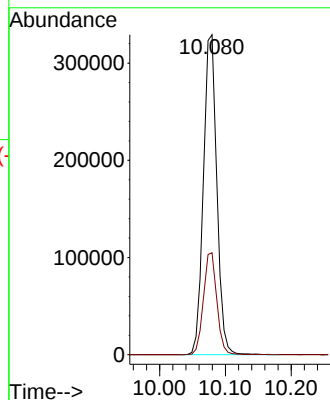
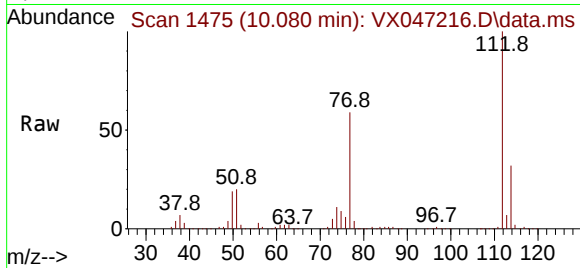




#65
Chlorobenzene
Concen: 49.105 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

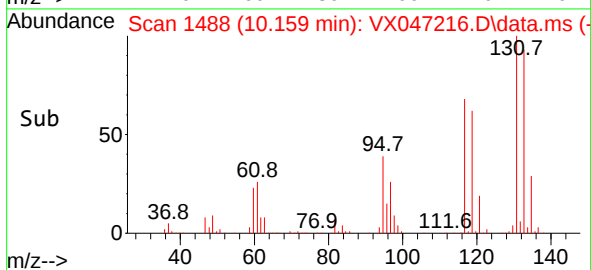
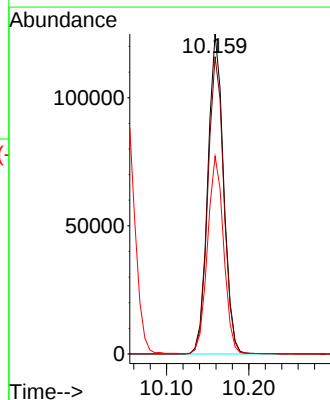
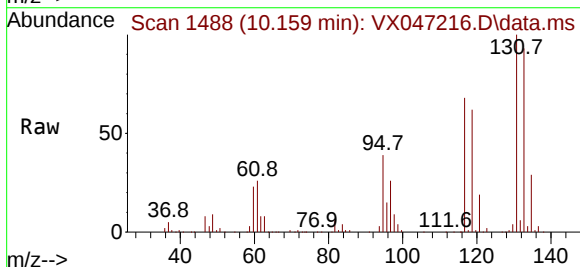
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

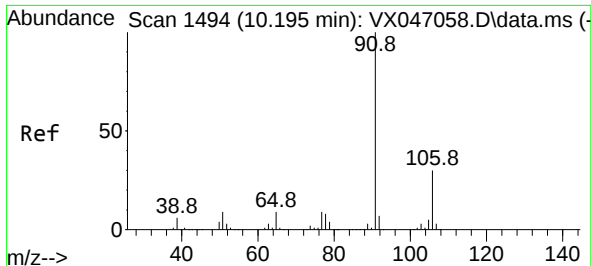
Tgt Ion:112 Resp: 468171
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.864 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

Tgt Ion:131 Resp: 166480
Ion Ratio Lower Upper
131 100
133 93.8 48.4 145.3
119 63.1 32.4 97.0





#67

Ethyl Benzene

Concen: 49.284 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

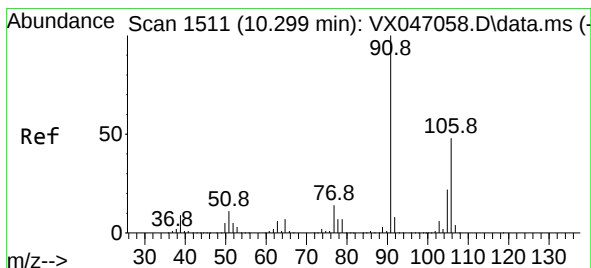
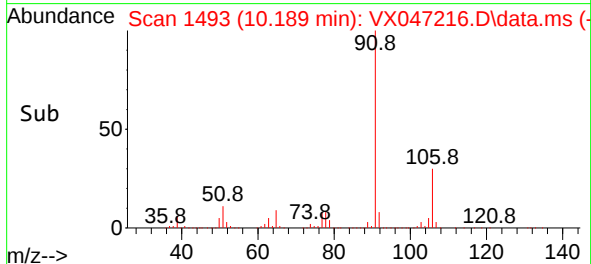
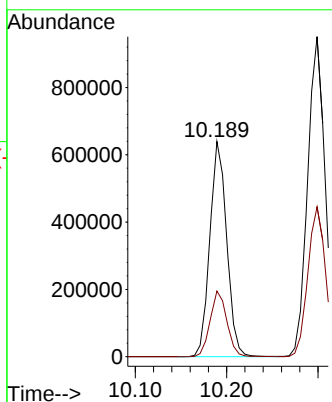
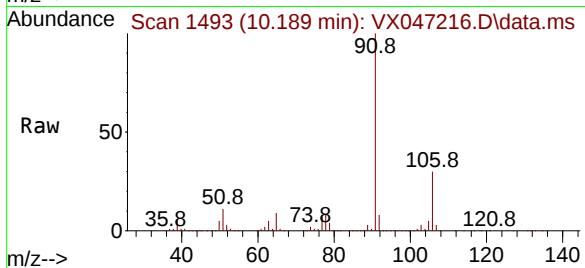
VSTDCCC050

Tgt Ion: 91 Resp: 821556

Ion Ratio Lower Upper

91 100

106 30.5 24.2 36.4



#68

m/p-Xylenes

Concen: 96.765 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX047216.D

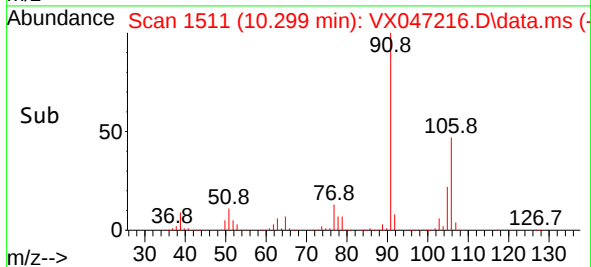
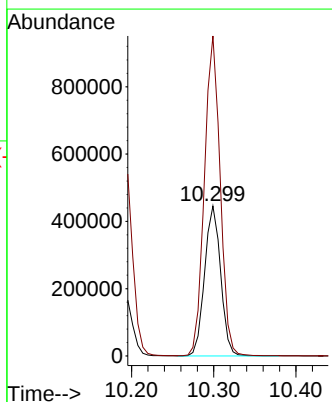
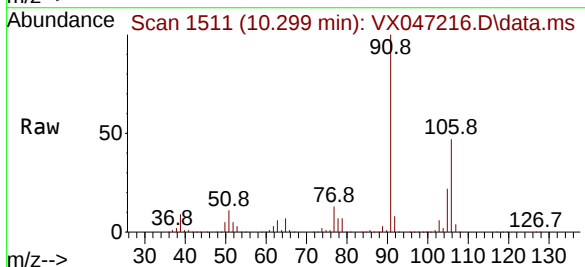
Acq: 04 Aug 2025 09:44

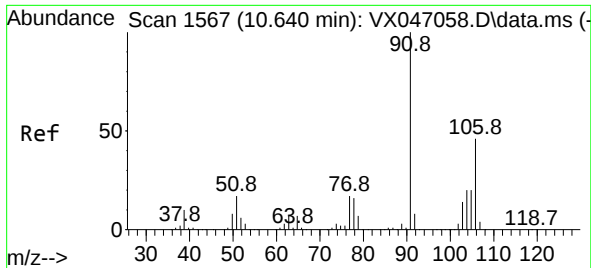
Tgt Ion:106 Resp: 603645

Ion Ratio Lower Upper

106 100

91 211.3 167.4 251.0

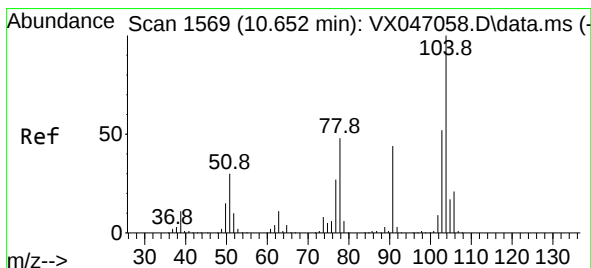
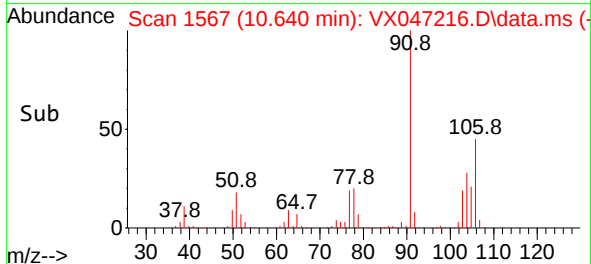
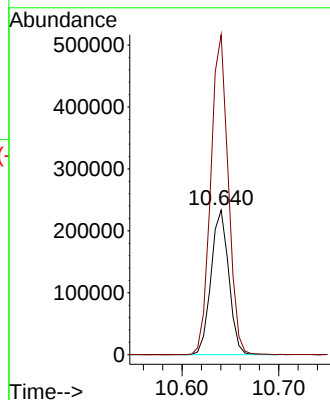
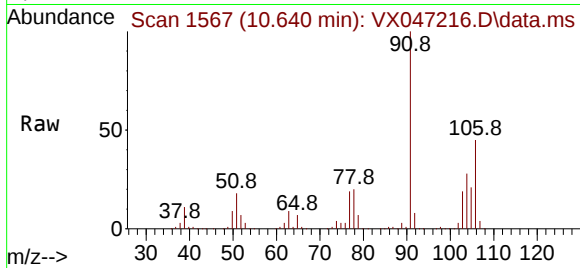




#69
o-Xylene
Concen: 50.152 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

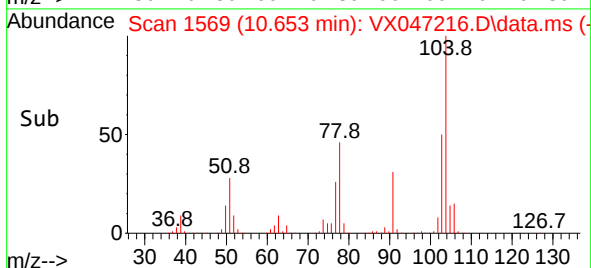
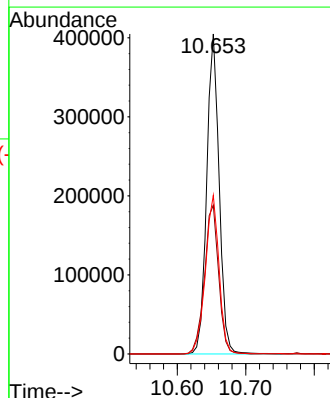
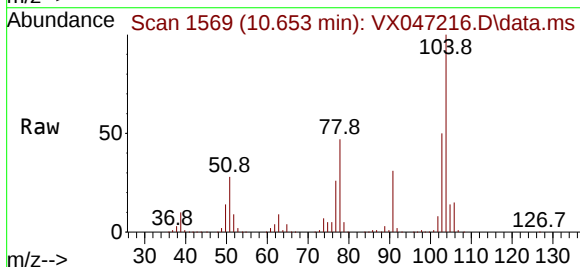
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

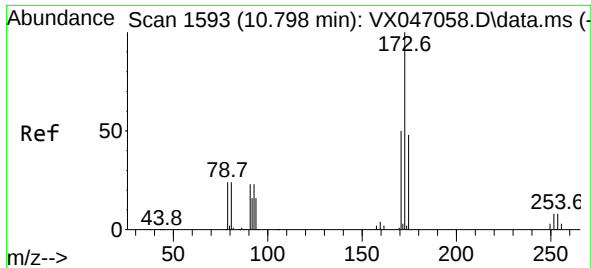
Tgt Ion:106 Resp: 297631
Ion Ratio Lower Upper
106 100
91 218.9 110.3 331.0



#70
Styrene
Concen: 50.237 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

Tgt Ion:104 Resp: 511226
Ion Ratio Lower Upper
104 100
78 53.1 42.0 63.0
103 54.7 43.8 65.6

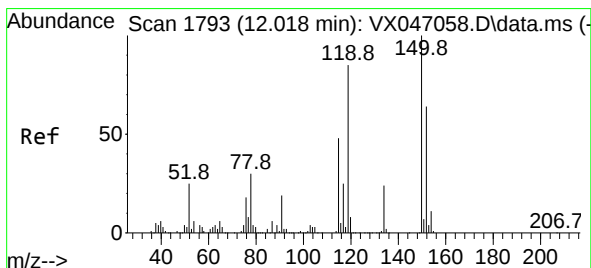
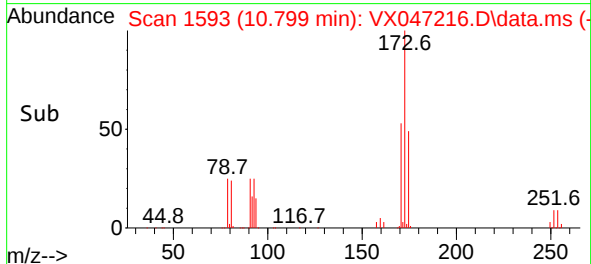
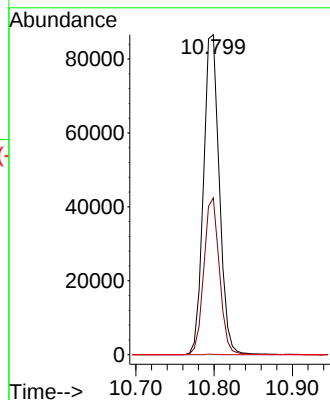
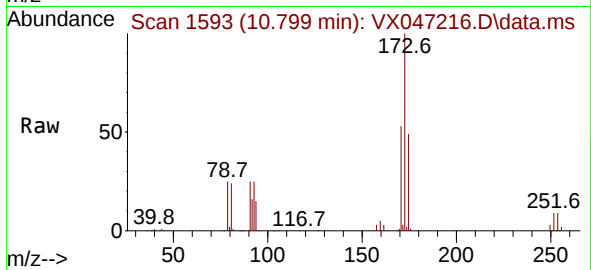




#71
Bromoform
Concen: 49.874 ug/l
RT: 10.799 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

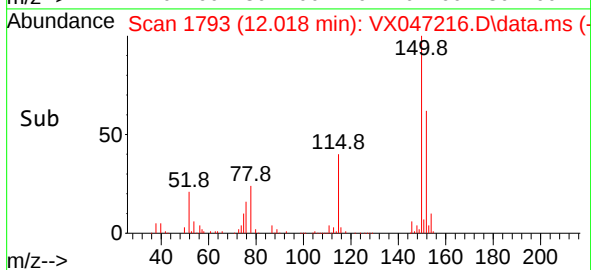
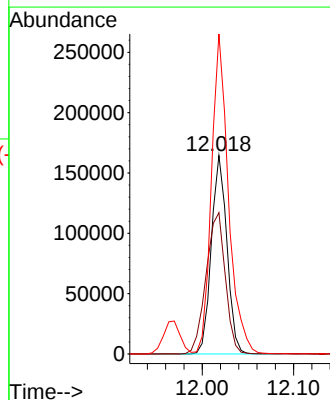
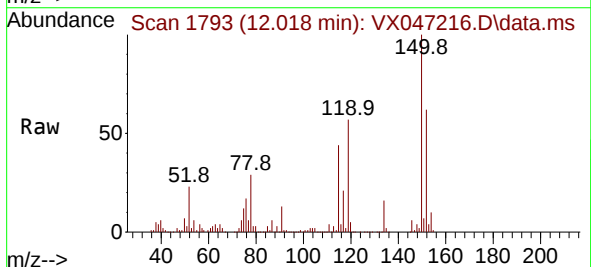
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

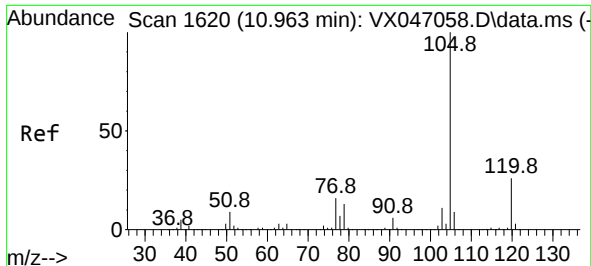
Tgt Ion:173 Resp: 121609
Ion Ratio Lower Upper
173 100
175 48.2 24.2 72.6
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

Tgt Ion:152 Resp: 194547
Ion Ratio Lower Upper
152 100
115 88.1 45.6 136.7
150 175.7 0.0 354.6

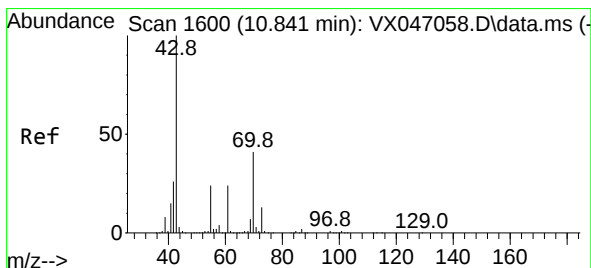
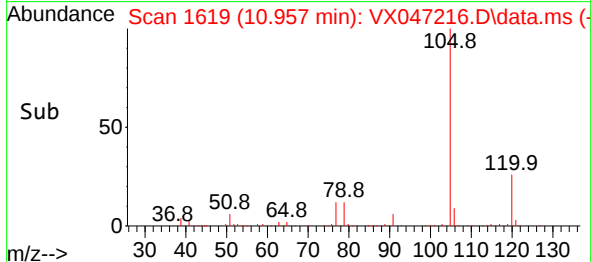
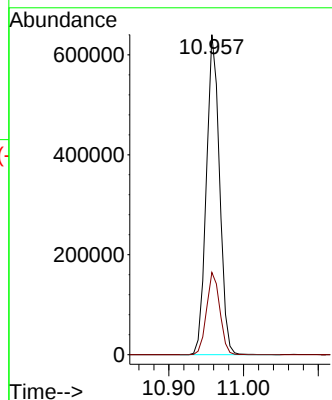
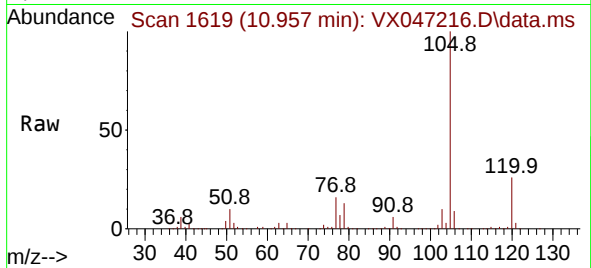




#73
Isopropylbenzene
Concen: 51.092 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

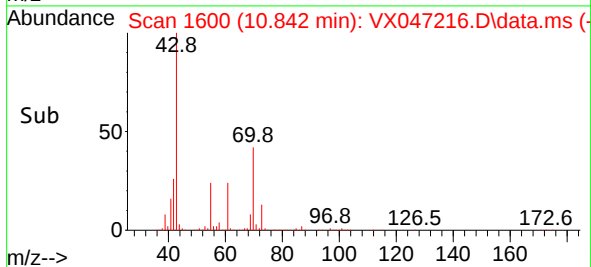
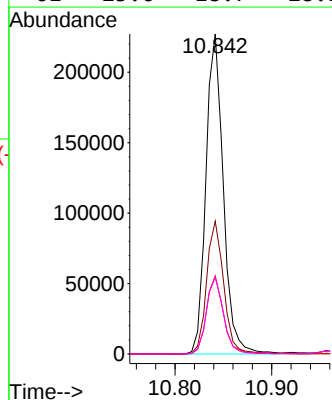
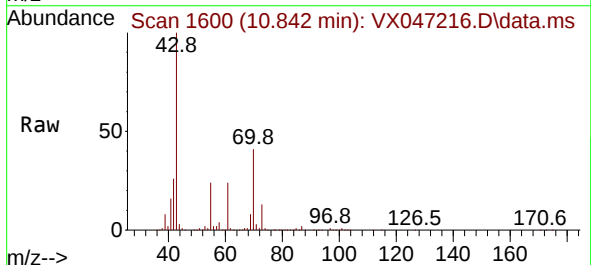
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

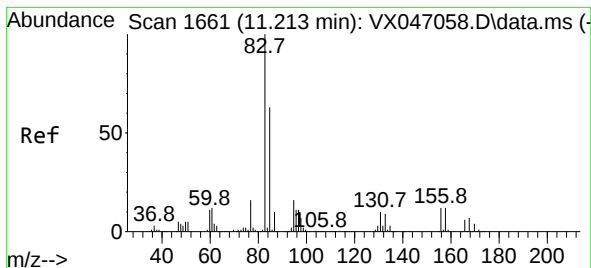
Tgt Ion:105 Resp: 784193
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.7



#74
N-ethyl acetate
Concen: 45.915 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

Tgt Ion: 43 Resp: 284347
Ion Ratio Lower Upper
43 100
70 40.8 32.3 48.5
55 24.1 18.9 28.3
61 23.6 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 48.574 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. -0.006 min

Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

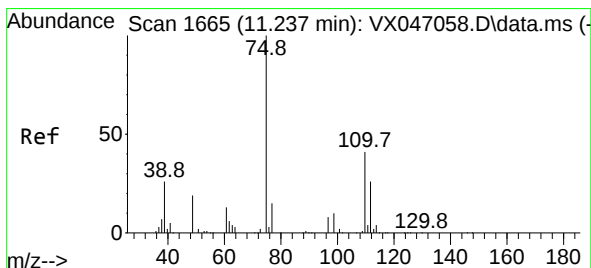
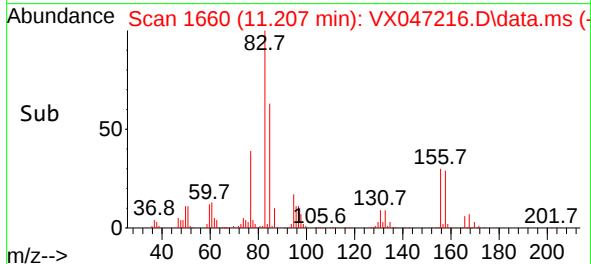
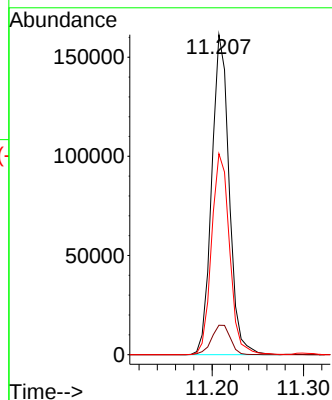
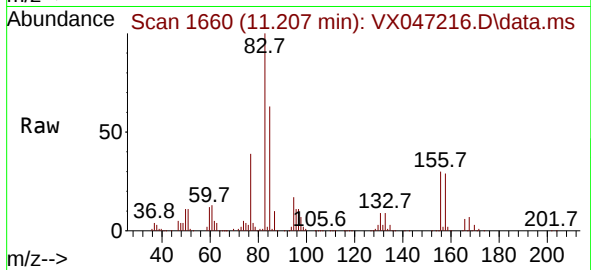
Tgt Ion: 83 Resp: 212962

Ion Ratio Lower Upper

83 100

131 9.9 5.0 14.9

85 65.1 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 60.767 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX047216.D

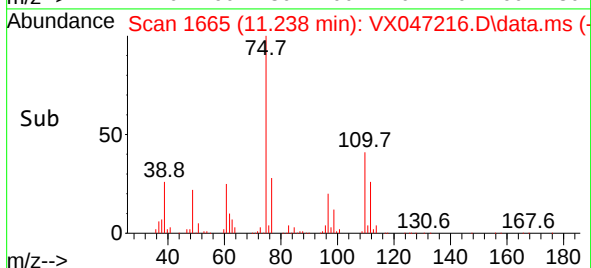
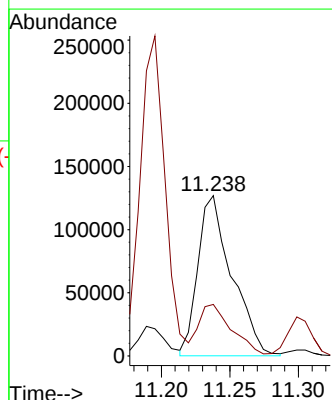
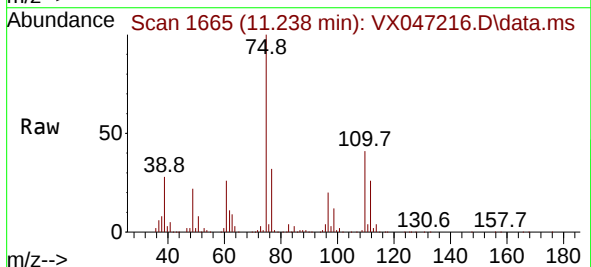
Acq: 04 Aug 2025 09:44

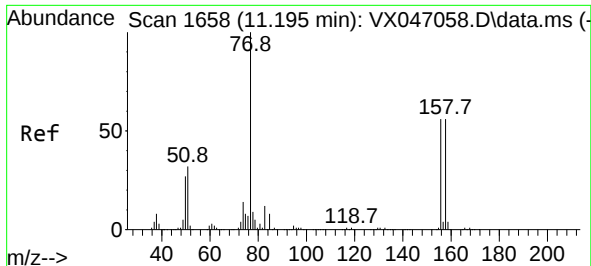
Tgt Ion: 75 Resp: 218822

Ion Ratio Lower Upper

75 100

77 31.5 21.6 65.0

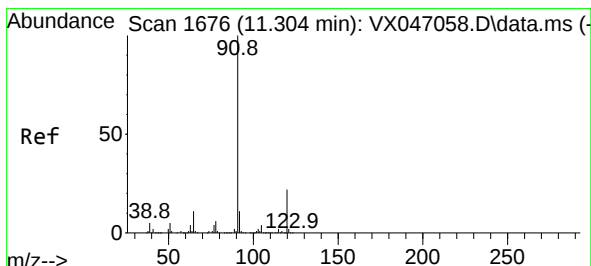
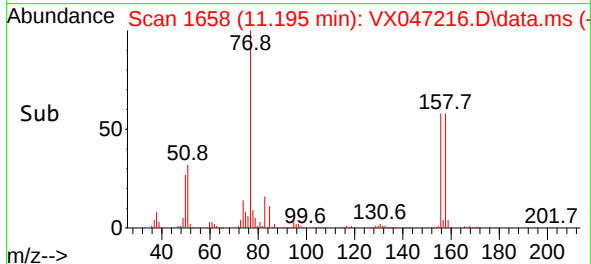
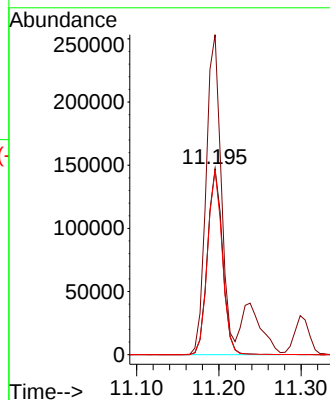
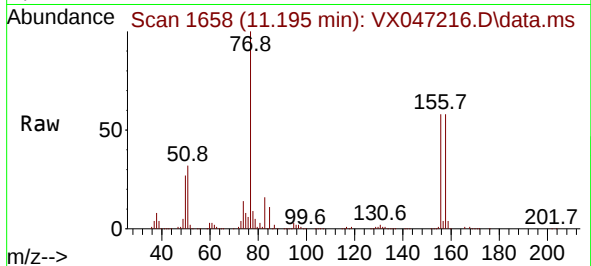




#77
Bromobenzene
Concen: 50.524 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

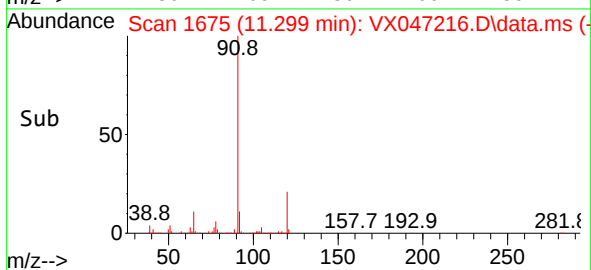
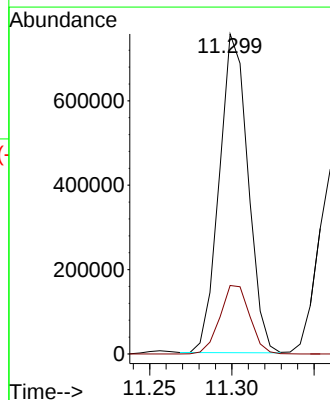
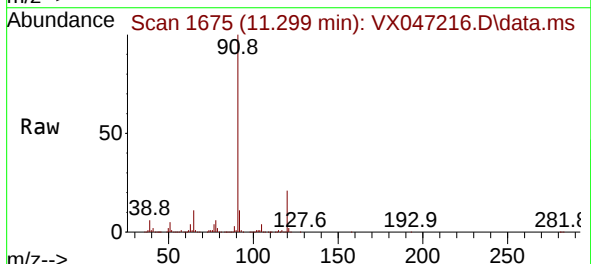
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

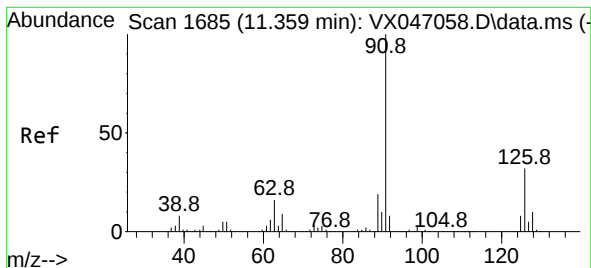
Tgt Ion:156 Resp: 186001
Ion Ratio Lower Upper
156 100
77 174.0 87.3 261.9
158 97.8 48.9 146.6



#78
n-propylbenzene
Concen: 50.175 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

Tgt Ion: 91 Resp: 920270
Ion Ratio Lower Upper
91 100
120 22.3 11.0 33.0





#79

2-Chlorotoluene

Concen: 49.535 ug/l

RT: 11.360 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

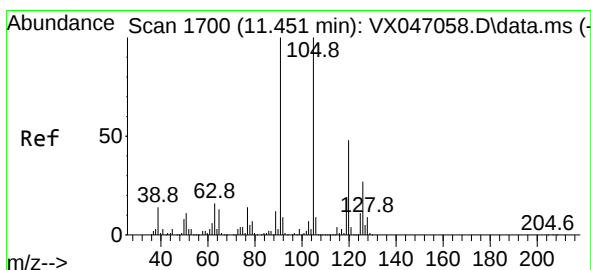
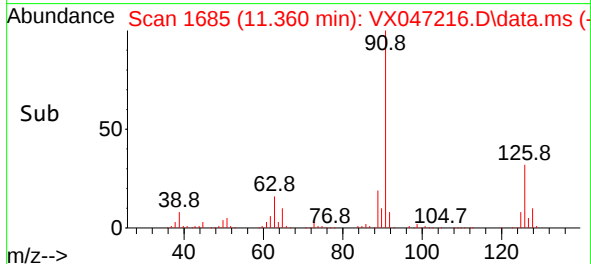
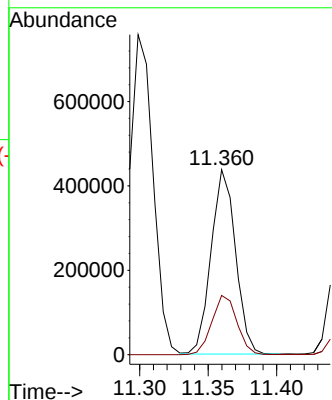
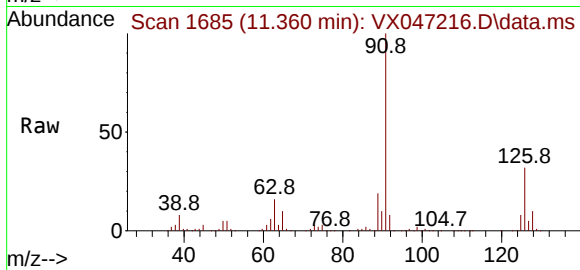
VSTDCCC050

Tgt Ion: 91 Resp: 543096

Ion Ratio Lower Upper

91 100

126 32.9 16.4 49.4



#80

1,3,5-Trimethylbenzene

Concen: 50.583 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX047216.D

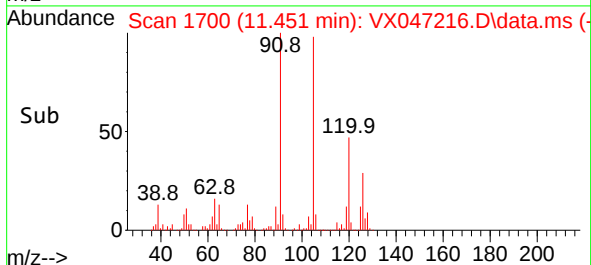
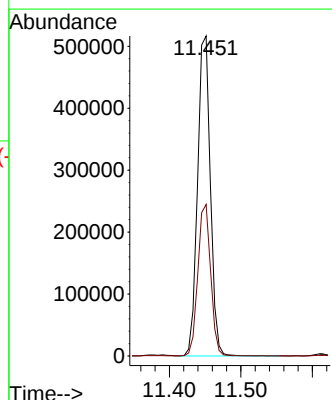
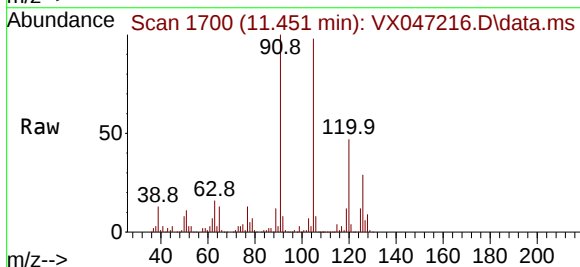
Acq: 04 Aug 2025 09:44

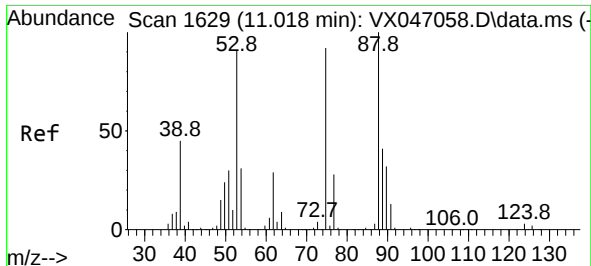
Tgt Ion:105 Resp: 641402

Ion Ratio Lower Upper

105 100

120 47.4 23.8 71.5

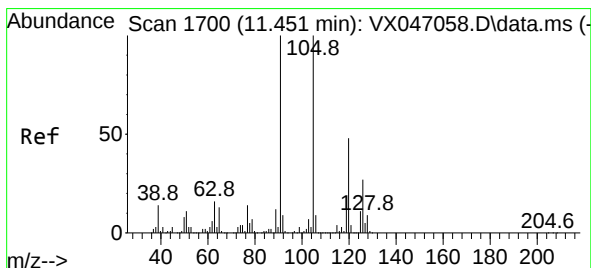
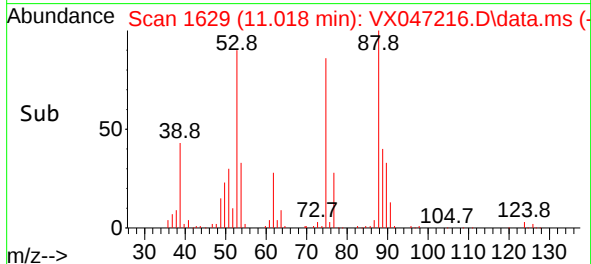
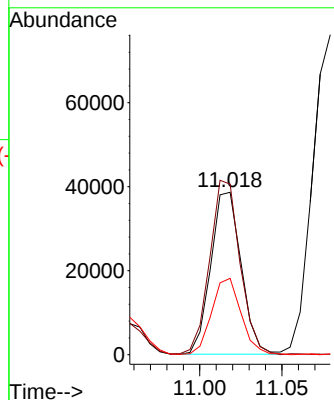
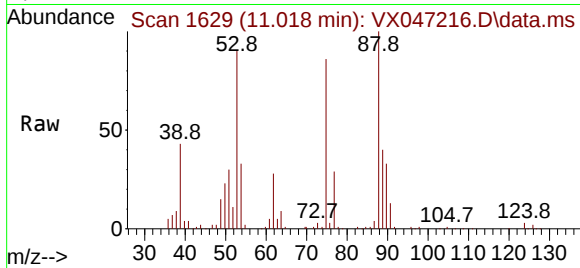




#81
trans-1,4-Dichloro-2-butene
Concen: 35.590 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

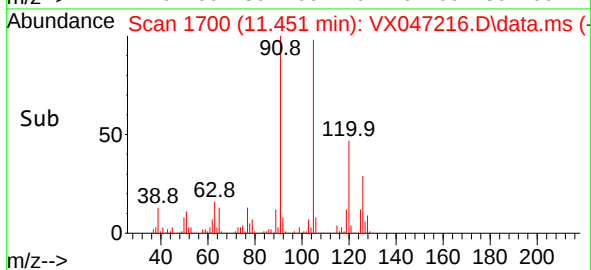
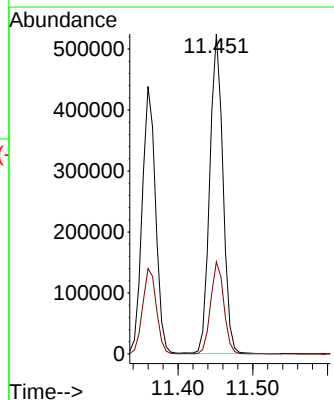
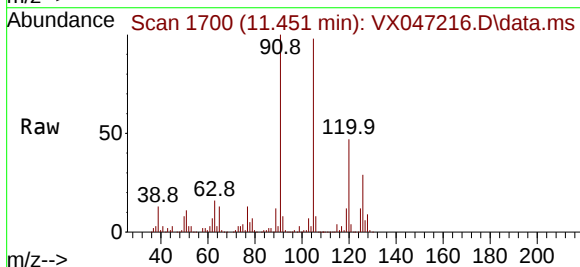
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

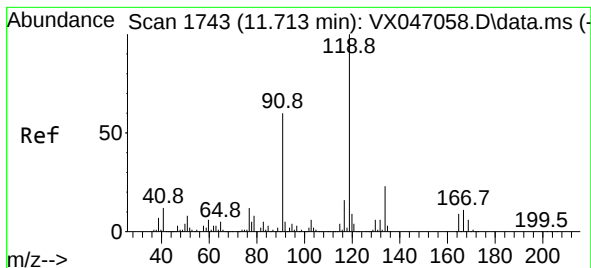
Tgt Ion: 75 Resp: 49744
Ion Ratio Lower Upper
75 100
53 106.1 84.2 126.4
89 45.3 36.0 54.0



#82
4-Chlorotoluene
Concen: 50.148 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

Tgt Ion: 91 Resp: 641761
Ion Ratio Lower Upper
91 100
126 28.8 14.1 42.3





#83

tert-Butylbenzene

Concen: 51.270 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

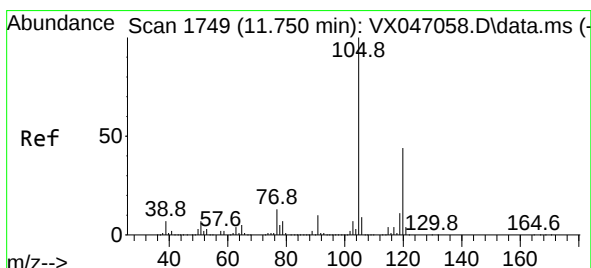
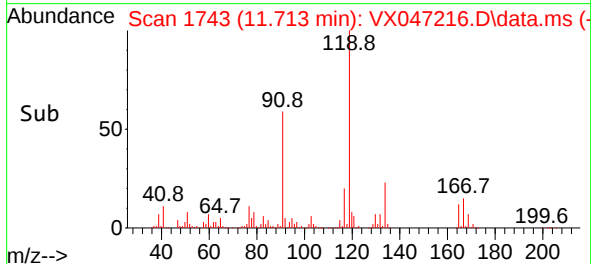
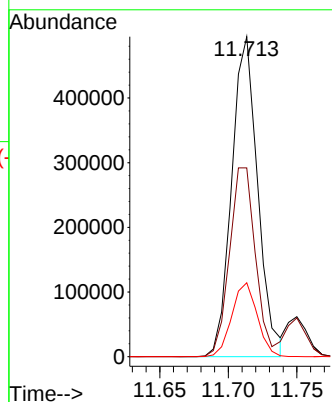
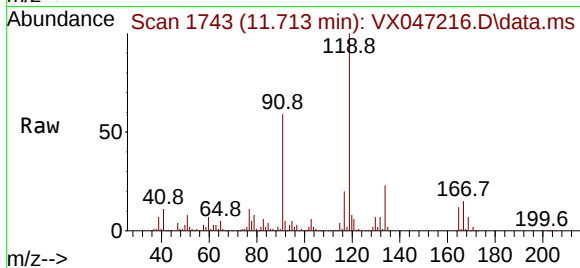
Tgt Ion:119 Resp: 652510

Ion Ratio Lower Upper

119 100

91 58.7 29.6 88.8

134 22.7 11.4 34.1



#84

1,2,4-Trimethylbenzene

Concen: 50.558 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX047216.D

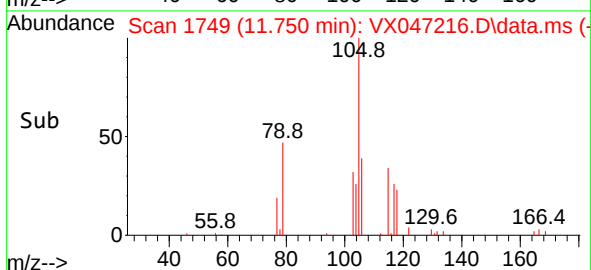
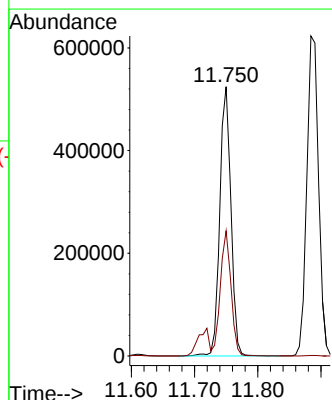
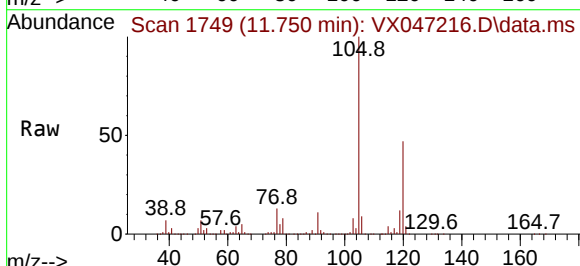
Acq: 04 Aug 2025 09:44

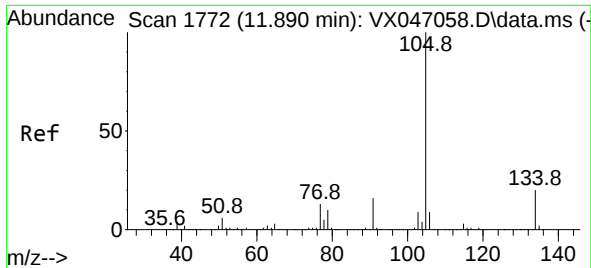
Tgt Ion:105 Resp: 639445

Ion Ratio Lower Upper

105 100

120 44.7 22.0 66.0

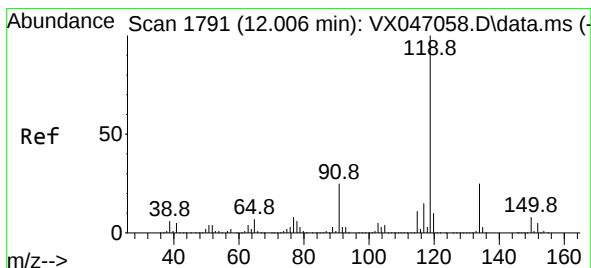
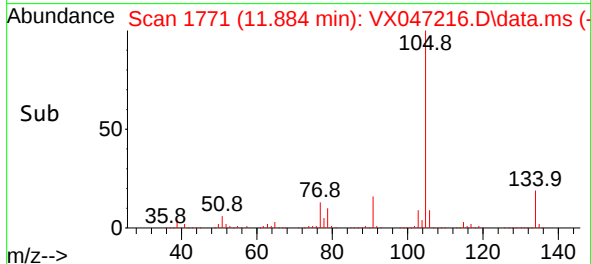
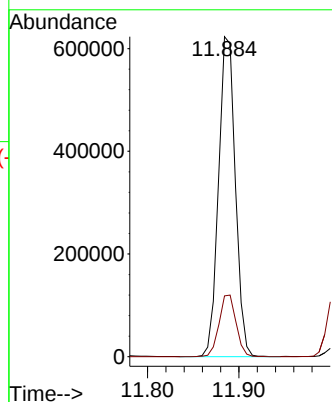
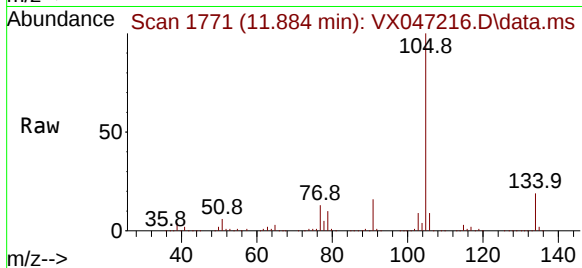




#85
 sec-Butylbenzene
 Concen: 50.244 ug/l
 RT: 11.884 min Scan# 1771
 Delta R.T. -0.006 min
 Lab File: VX047216.D
 Acq: 04 Aug 2025 09:44

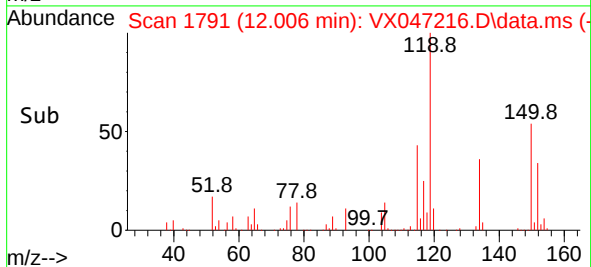
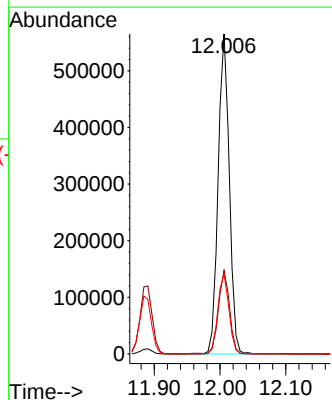
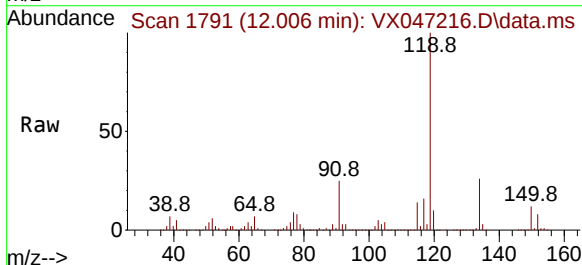
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

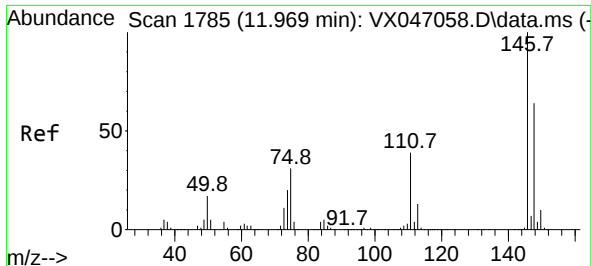
Tgt Ion:105 Resp: 798987
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 50.584 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047216.D
 Acq: 04 Aug 2025 09:44

Tgt Ion:119 Resp: 667051
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.4
 91 25.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 49.491 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

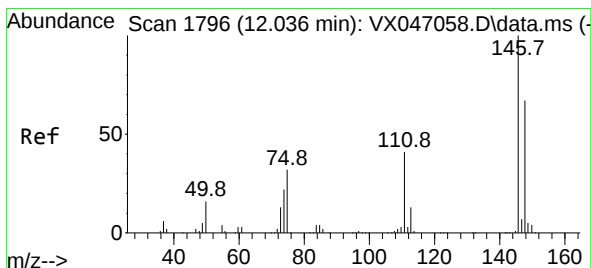
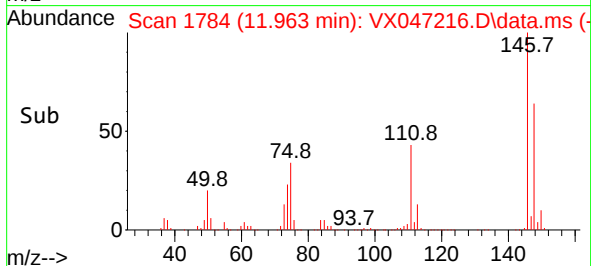
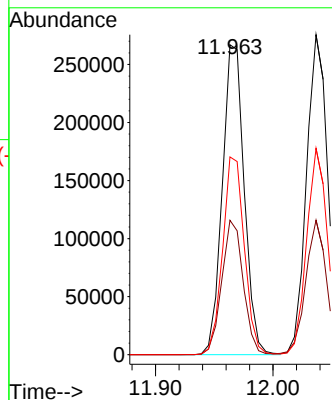
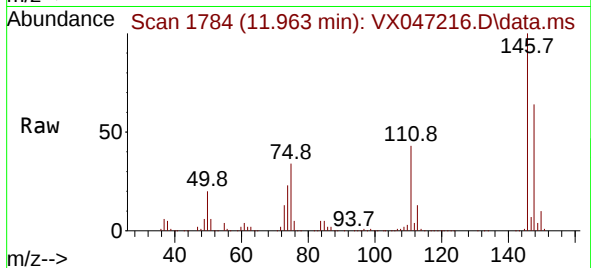
Tgt Ion:146 Resp: 346190

Ion Ratio Lower Upper

146 100

111 42.5 21.0 63.0

148 63.2 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 48.991 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

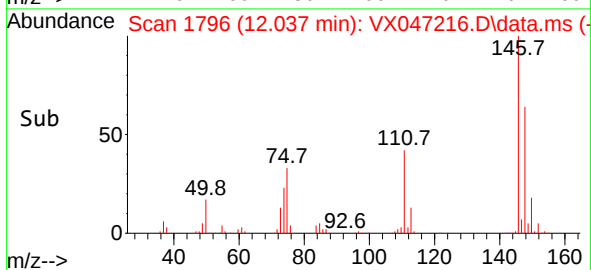
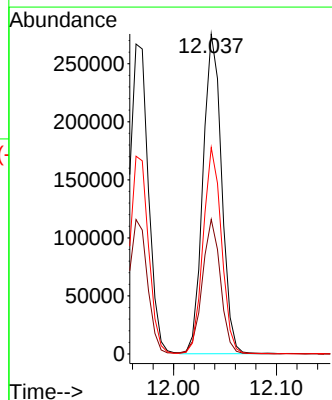
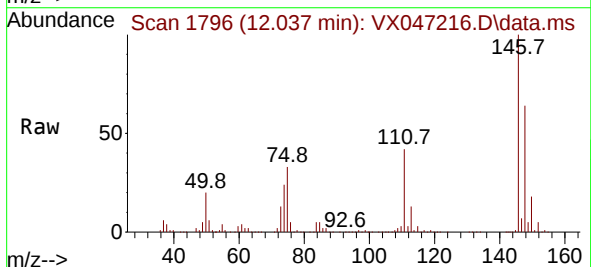
Tgt Ion:146 Resp: 347191

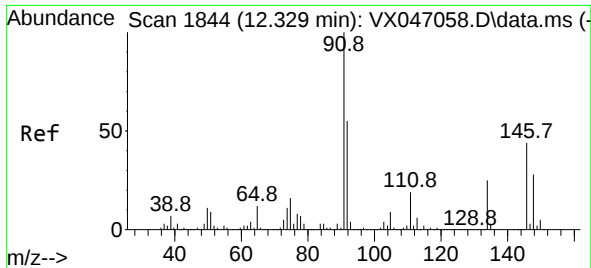
Ion Ratio Lower Upper

146 100

111 41.2 20.6 61.9

148 63.6 33.0 98.9

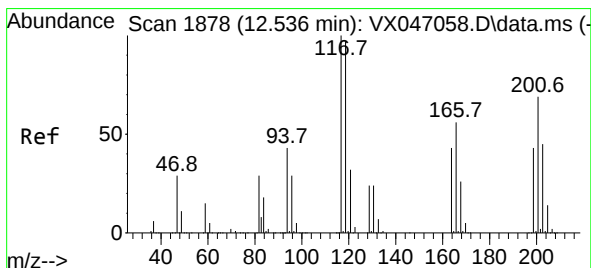
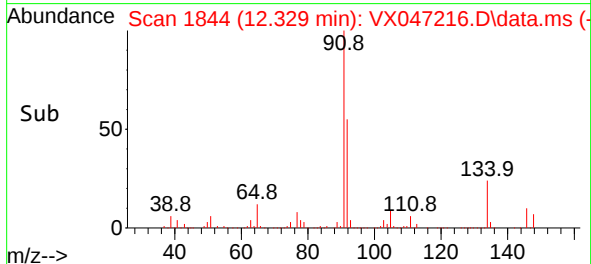
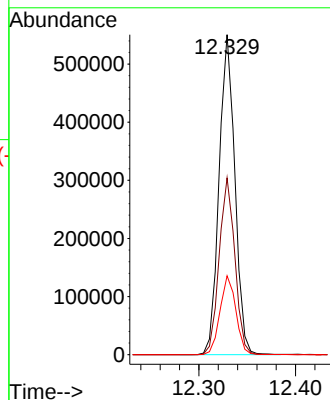
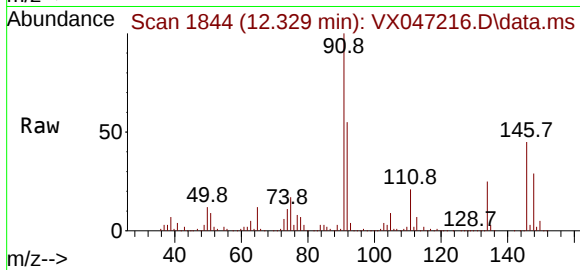




#89
n-Butylbenzene
Concen: 50.327 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

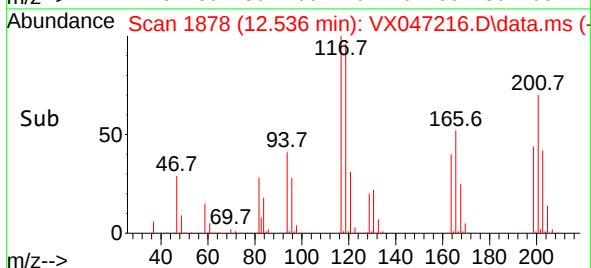
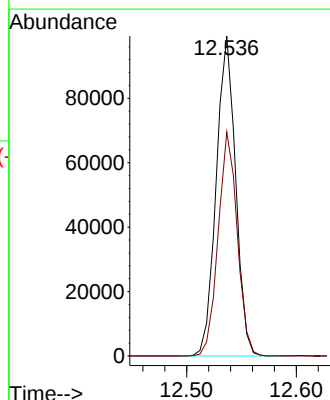
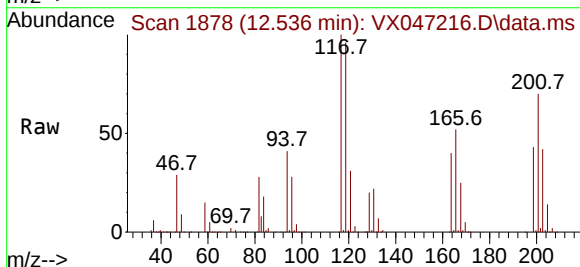
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

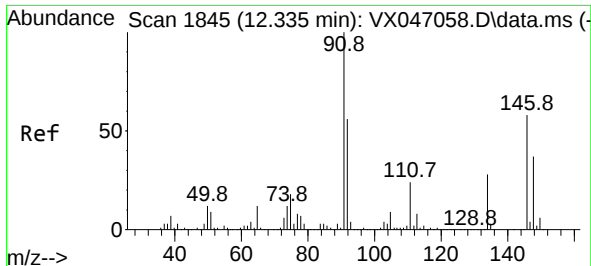
Tgt Ion: 91 Resp: 622379
Ion Ratio Lower Upper
91 100
92 55.0 27.5 82.5
134 24.8 12.8 38.3



#90
Hexachloroethane
Concen: 51.731 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

Tgt Ion: 117 Resp: 122040
Ion Ratio Lower Upper
117 100
201 68.9 34.8 104.5





#91

1,2-Dichlorobenzene

Concen: 49.119 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

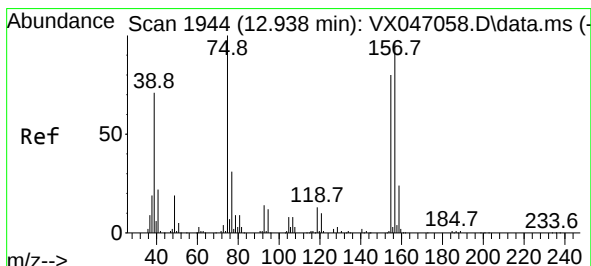
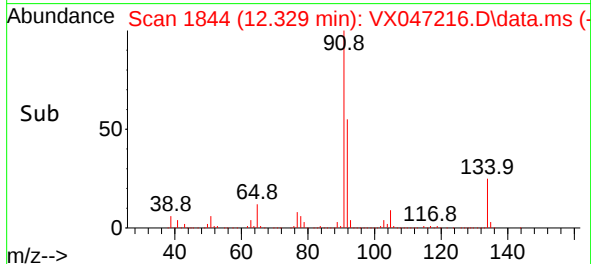
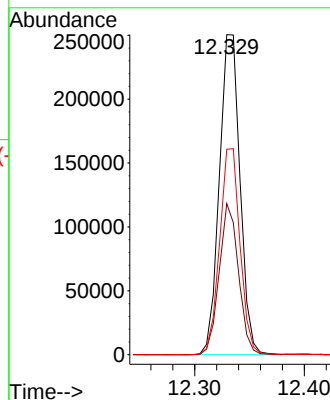
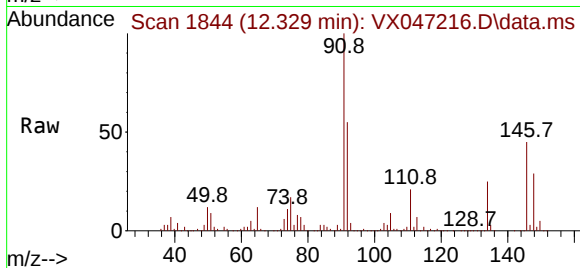
Tgt Ion:146 Resp: 328382

Ion Ratio Lower Upper

146 100

111 44.3 21.6 64.6

148 63.9 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.965 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

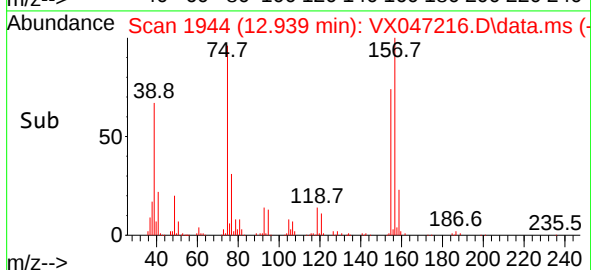
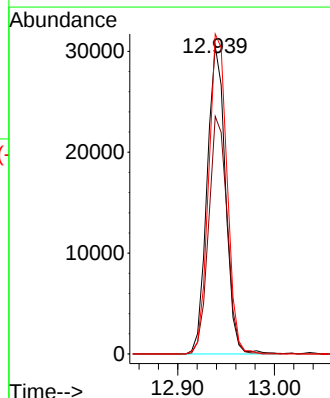
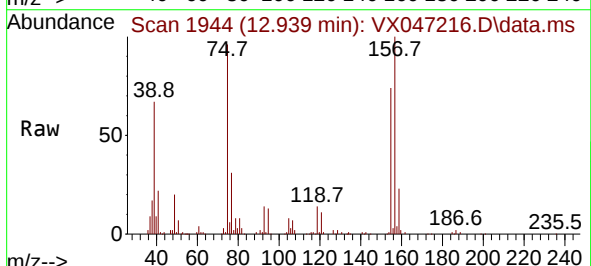
Tgt Ion: 75 Resp: 40366

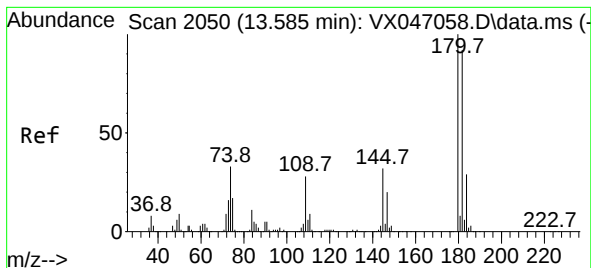
Ion Ratio Lower Upper

75 100

155 77.9 41.3 124.1

157 104.0 52.8 158.3





#93

1,2,4-Trichlorobenzene

Concen: 49.963 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

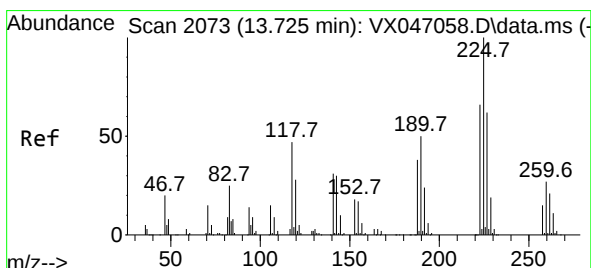
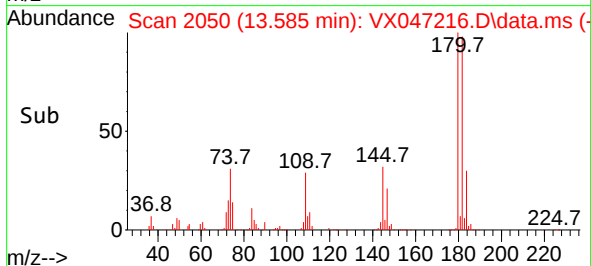
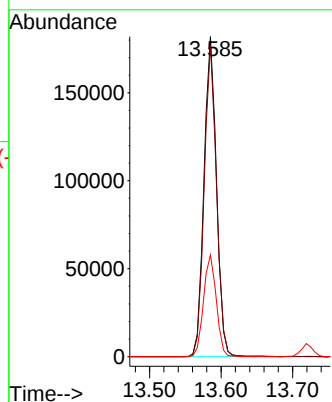
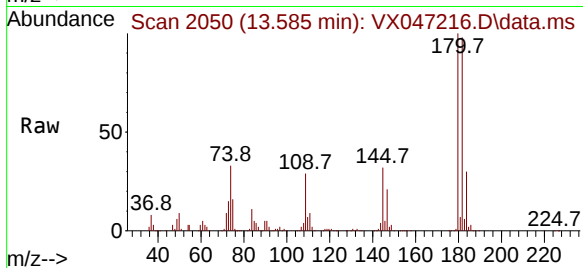
Tgt Ion:180 Resp: 220690

Ion Ratio Lower Upper

180 100

182 95.9 47.3 141.8

145 32.5 16.4 49.1



#94

Hexachlorobutadiene

Concen: 49.336 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

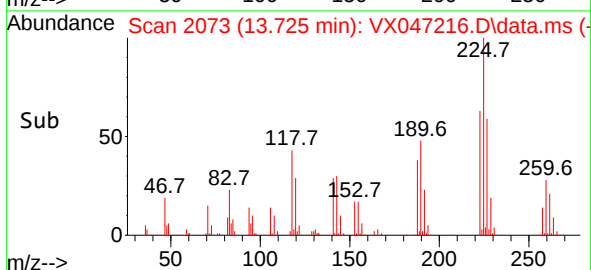
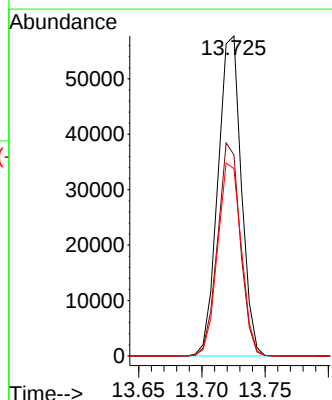
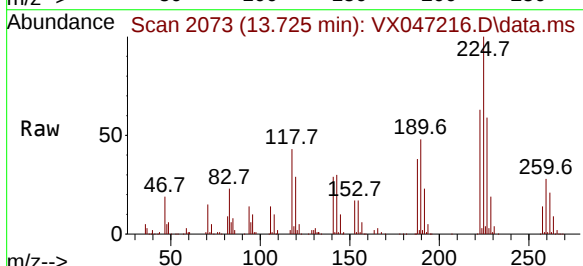
Tgt Ion:225 Resp: 74113

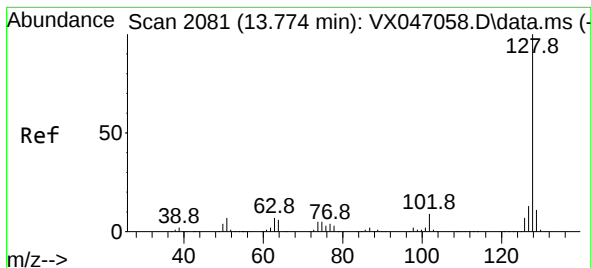
Ion Ratio Lower Upper

225 100

223 64.4 31.6 95.0

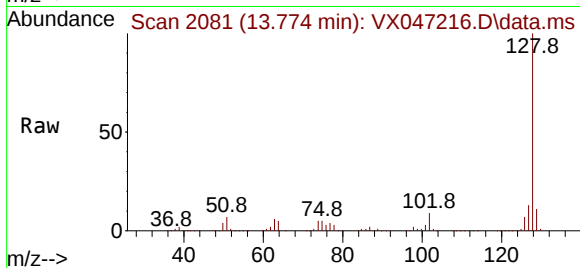
227 61.1 32.9 98.6



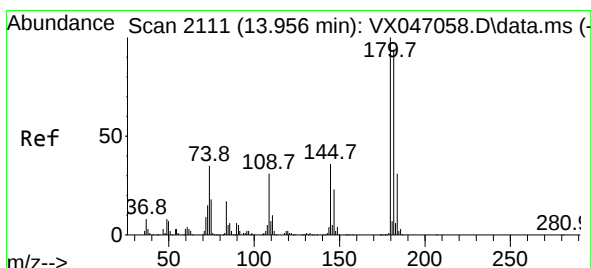
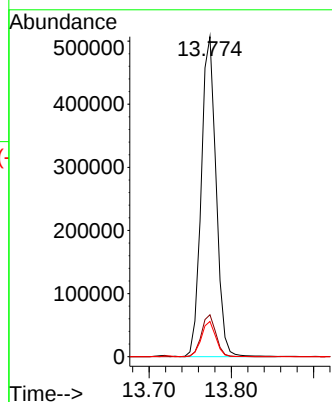
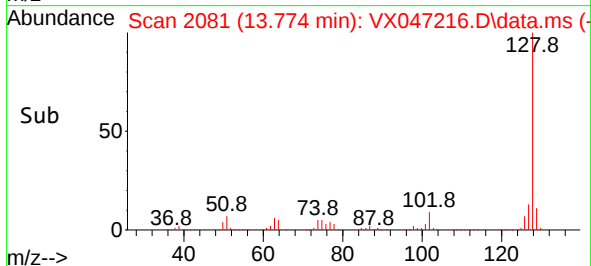


#95
Naphthalene
Concen: 49.086 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

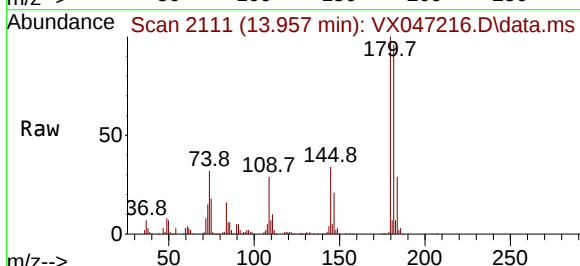
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 635607
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.272 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44



Tgt Ion:180 Resp: 209669
Ion Ratio Lower Upper
180 100
182 95.7 46.9 140.6
145 34.7 17.3 52.0

