

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091925\
 Data File : VX047660.D
 Acq On : 19 Sep 2025 09:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 20 00:25:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.532	168	168285	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	306730	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	272268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	129778	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.934	65	131043	48.921	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.840%
35) Dibromofluoromethane	5.367	113	100766	48.985	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.960%
50) Toluene-d8	8.629	98	344123	48.346	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.700%
62) 4-Bromofluorobenzene	11.061	95	130212	48.202	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.173	85	109308	62.726	ug/l	98
3) Chloromethane	1.301	50	133876	58.454	ug/l	99
4) Vinyl Chloride	1.380	62	128689	57.401	ug/l	100
5) Bromomethane	1.618	94	85593	60.207	ug/l	96
6) Chloroethane	1.691	64	81959	54.697	ug/l	99
7) Trichlorofluoromethane	1.892	101	177530	53.331	ug/l	98
8) Diethyl Ether	2.136	74	72507	53.247	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	101931	52.368	ug/l	100
10) Methyl Iodide	2.453	142	161075	53.061	ug/l	100
11) Tert butyl alcohol	2.941	59	76492	256.398	ug/l	96
12) 1,1-Dichloroethene	2.325	96	106990	53.511	ug/l	96
13) Acrolein	2.233	56	76226	277.267	ug/l	100
14) Allyl chloride	2.660	41	214937	52.096	ug/l	98
15) Acrylonitrile	3.056	53	309800	280.351	ug/l	99
16) Acetone	2.374	43	311710	267.632	ug/l	100
17) Carbon Disulfide	2.514	76	312779	57.144	ug/l	97
18) Methyl Acetate	2.697	43	138468	53.421	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	382912	52.463	ug/l	100
20) Methylene Chloride	2.782	84	128420	52.090	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	116131	53.949	ug/l	98
22) Diisopropyl ether	3.745	45	424760	53.122	ug/l	87
23) Vinyl Acetate	3.709	43	1775588	277.456	ug/l	100
24) 1,1-Dichloroethane	3.599	63	223923	52.689	ug/l	97
25) 2-Butanone	4.532	43	392796	270.370	ug/l	97
26) 2,2-Dichloropropane	4.465	77	182677	51.709	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	139356	52.862	ug/l	99
28) Bromochloromethane	4.879	49	102961	55.493	ug/l	99
29) Tetrahydrofuran	4.983	42	240704	275.412	ug/l	99
30) Chloroform	5.074	83	224397	52.250	ug/l	99
31) Cyclohexane	5.452	56	180483	50.989	ug/l	97
32) 1,1,1-Trichloroethane	5.367	97	187258	51.405	ug/l	100
36) 1,1-Dichloropropene	5.672	75	148709	49.472	ug/l	99
37) Ethyl Acetate	4.690	43	167930	52.177	ug/l	98
38) Carbon Tetrachloride	5.660	117	158068	48.399	ug/l	96
39) Methylcyclohexane	7.361	83	173329	50.798	ug/l	98
40) Benzene	6.019	78	469978	51.478	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.898	41	89756	54.019	ug/l	98
42) 1,2-Dichloroethane	6.068	62	173829	50.041	ug/l	99
43) Isopropyl Acetate	6.318	43	269858	51.124	ug/l	99
44) Trichloroethene	7.104	130	113653	51.491	ug/l	100
45) 1,2-Dichloropropane	7.409	63	118540	50.706	ug/l	99
46) Dibromomethane	7.562	93	87295	51.314	ug/l	99
47) Bromodichloromethane	7.799	83	177916	50.681	ug/l	98
48) Methyl methacrylate	7.671	41	135518	51.542	ug/l	99
49) 1,4-Dioxane	7.641	88	33615	1265.071	ug/l	98
51) 4-Methyl-2-Pentanone	8.555	43	772605	263.992	ug/l	100
52) Toluene	8.702	92	285358	50.732	ug/l	99
53) t-1,3-Dichloropropene	8.958	75	184125	51.420	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	198129	51.767	ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	110081	50.755	ug/l	98
56) Ethyl methacrylate	9.098	69	181056	53.155	ug/l	96
57) 1,3-Dichloropropane	9.293	76	193901	52.043	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.220	63	426594	261.332	ug/l	100
59) 2-Hexanone	9.415	43	551745	262.497	ug/l	98
60) Dibromochloromethane	9.500	129	129786	51.934	ug/l	100
61) 1,2-Dibromoethane	9.592	107	117326	53.110	ug/l	99
64) Tetrachloroethene	9.257	164	86883	48.951	ug/l	98
65) Chlorobenzene	10.061	112	308645	49.899	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.147	131	107031	50.145	ug/l	100
67) Ethyl Benzene	10.177	91	536224	50.244	ug/l	100
68) m/p-Xylenes	10.281	106	400119	100.725	ug/l	99
69) o-Xylene	10.622	106	194487	50.618	ug/l	99
70) Styrene	10.634	104	346312	51.440	ug/l	98
71) Bromoform	10.781	173	81077	50.872	ug/l	99
73) Isopropylbenzene	10.945	105	493376	50.005	ug/l	99
74) N-amyl acetate	10.823	43	234901	52.208	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.195	83	154912	51.895	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	174114	66.263	ug/l	92
77) Bromobenzene	11.177	156	121922	50.172	ug/l	99
78) n-propylbenzene	11.287	91	583388	50.018	ug/l	99
79) 2-Chlorotoluene	11.348	91	356287	49.875	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	409554	50.523	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	51972	50.440	ug/l	99
82) 4-Chlorotoluene	11.433	91	421274	49.932	ug/l	99
83) tert-Butylbenzene	11.695	119	399938	48.196	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	415095	50.508	ug/l	100
85) sec-Butylbenzene	11.872	105	489102	49.622	ug/l	100
86) p-Isopropyltoluene	11.988	119	415198	49.757	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	226308	50.139	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	227633	49.138	ug/l	99
89) n-Butylbenzene	12.311	91	386234	50.022	ug/l	99
90) Hexachloroethane	12.518	117	73125	49.913	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	215367	50.084	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	31345	51.864	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	141532	50.643	ug/l	100
94) Hexachlorobutadiene	13.707	225	47423	49.957	ug/l	99
95) Naphthalene	13.756	128	428676	50.373	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	133374	51.304	ug/l	99

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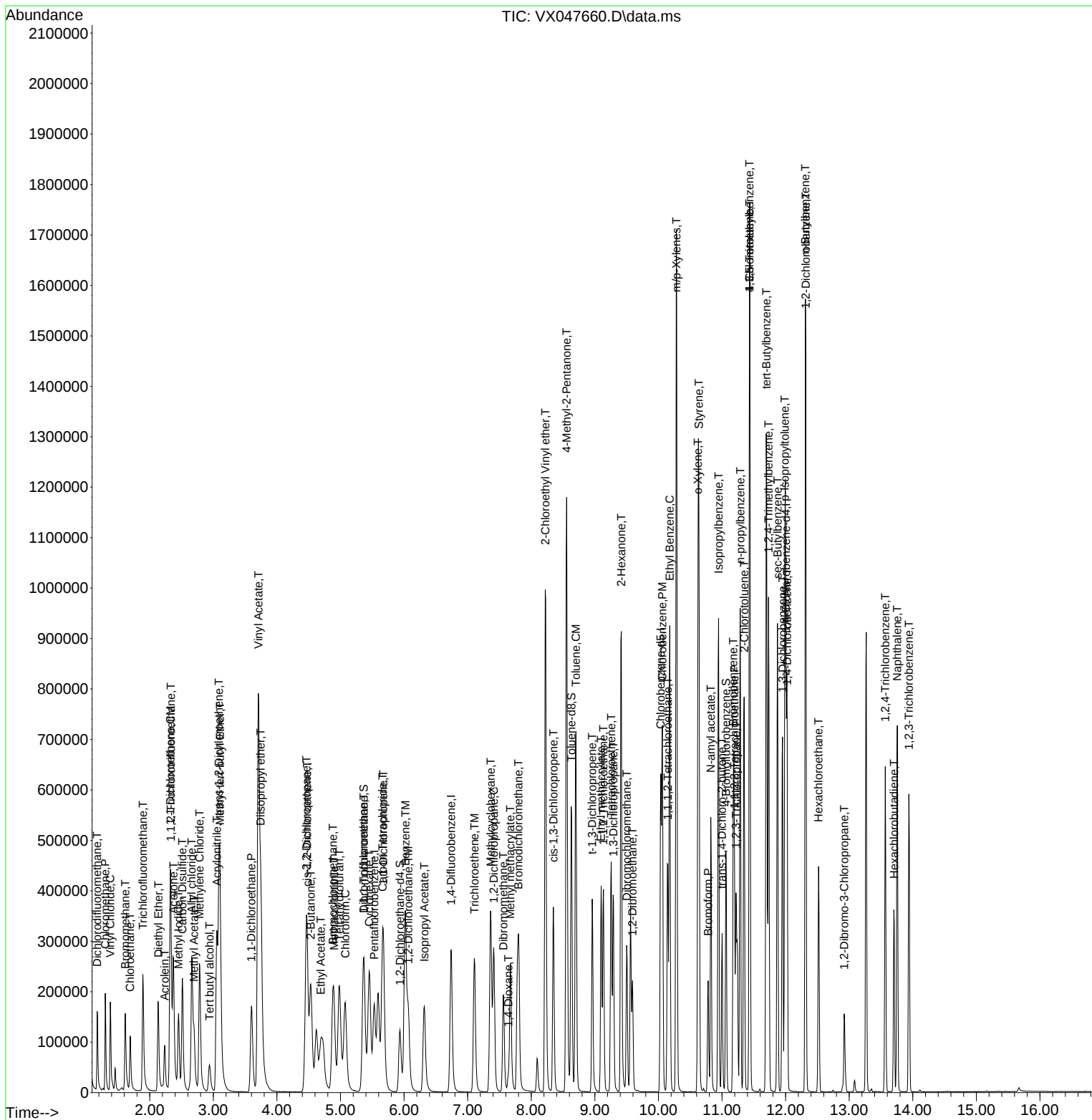
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

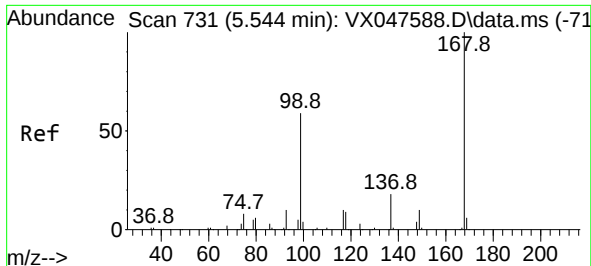
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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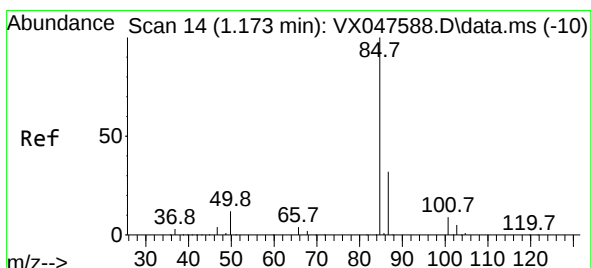
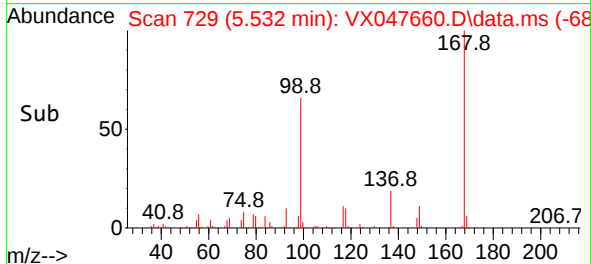
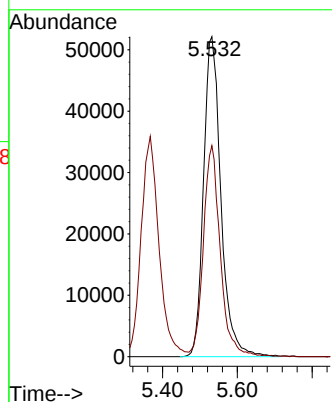
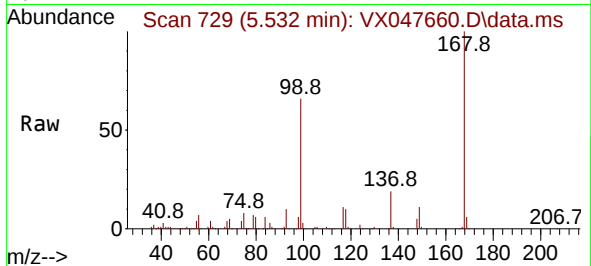




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX047660.D
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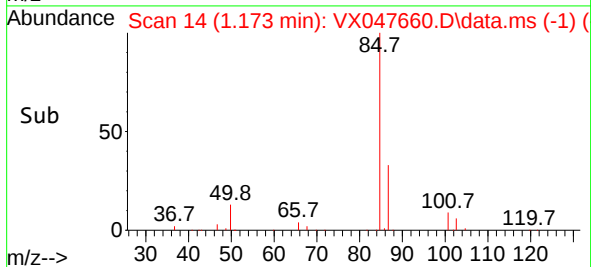
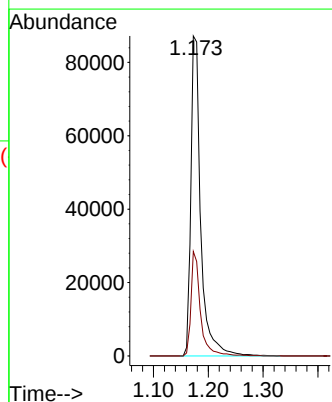
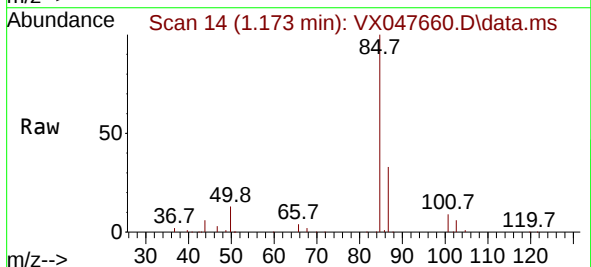
Instrument :
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ClientSampleId :
VSTDCCC050

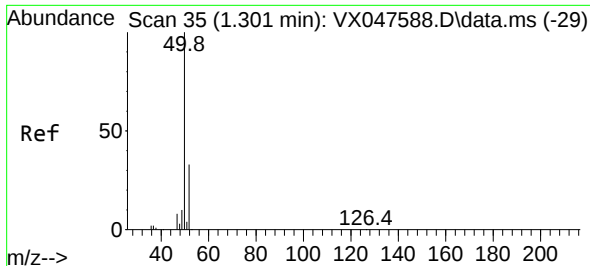
Tgt Ion:168 Resp: 168285
Ion Ratio Lower Upper
168 100
99 65.8 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 62.726 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

Tgt Ion: 85 Resp: 109308
Ion Ratio Lower Upper
85 100
87 32.6 15.8 47.3

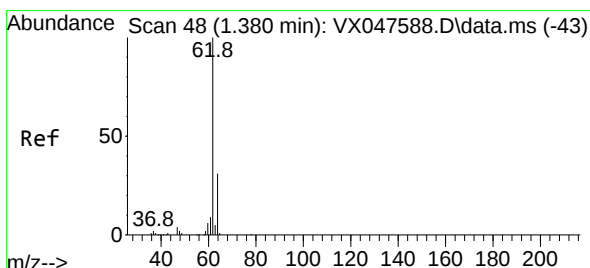
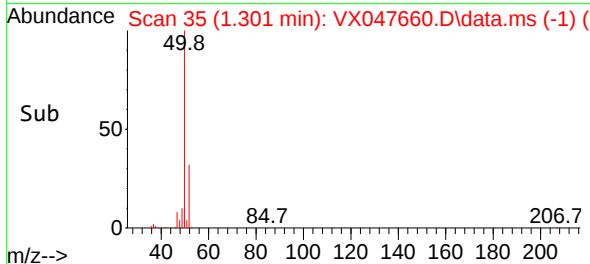
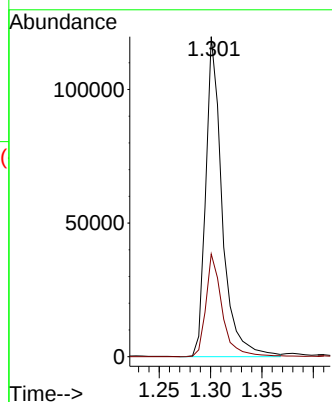
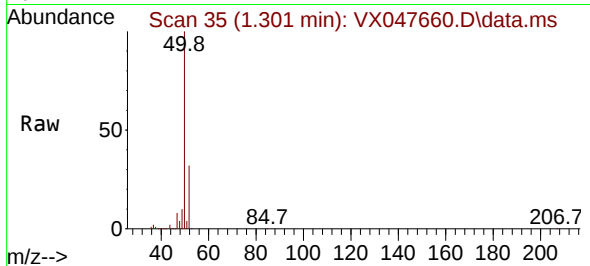




#3
Chloromethane
Concen: 58.454 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX047660.D
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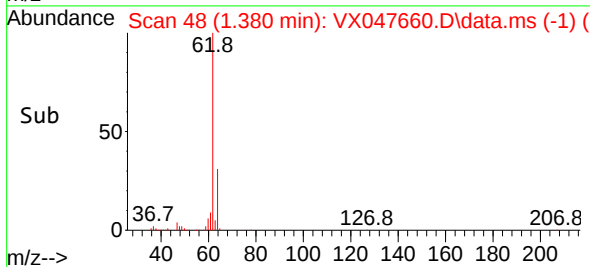
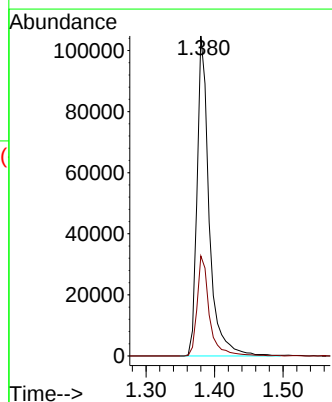
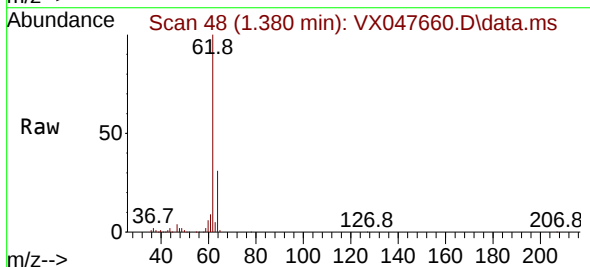
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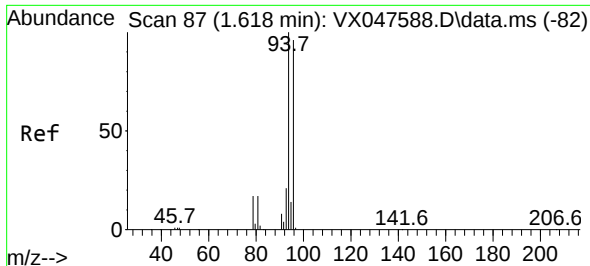
Tgt Ion: 50 Resp: 133876
Ion Ratio Lower Upper
50 100
52 32.1 26.1 39.1



#4
Vinyl Chloride
Concen: 57.401 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

Tgt Ion: 62 Resp: 128689
Ion Ratio Lower Upper
62 100
64 31.2 24.9 37.3

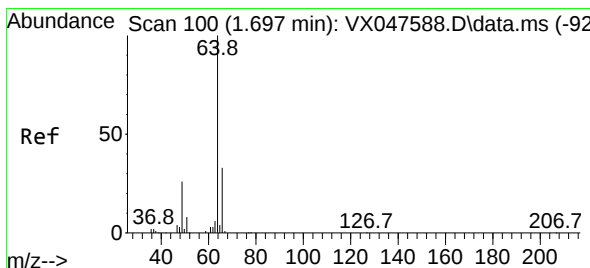
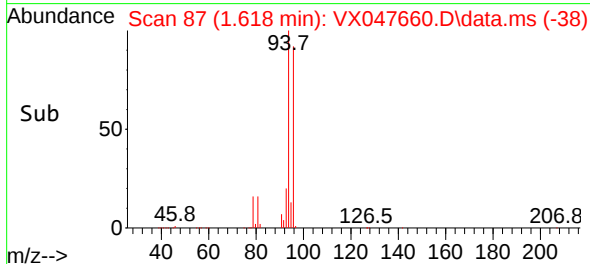
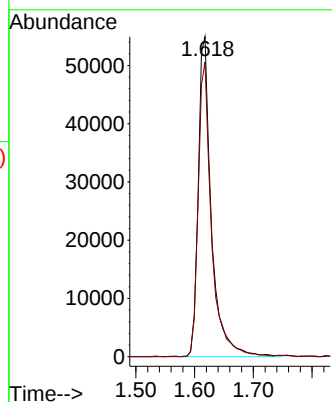
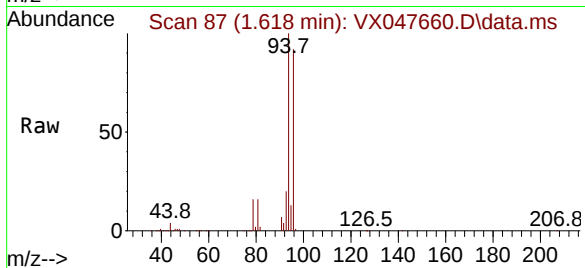




#5
Bromomethane
Concen: 60.207 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

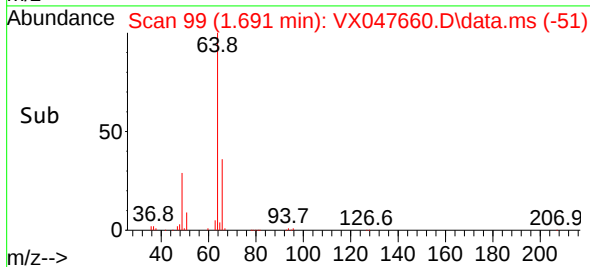
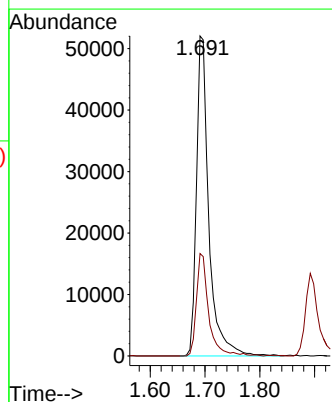
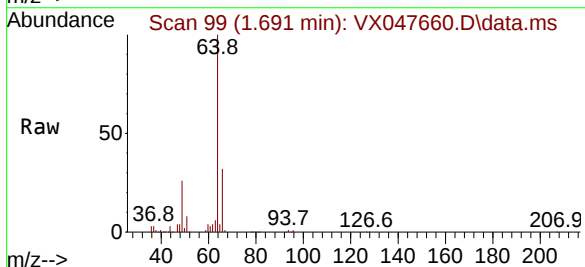
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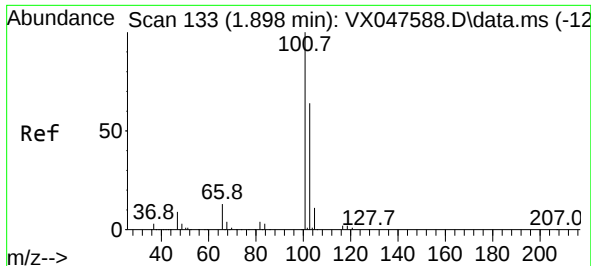
Tgt Ion: 94 Resp: 85593
Ion Ratio Lower Upper
94 100
96 92.0 76.6 115.0



#6
Chloroethane
Concen: 54.697 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

Tgt Ion: 64 Resp: 81959
Ion Ratio Lower Upper
64 100
66 32.0 26.1 39.1

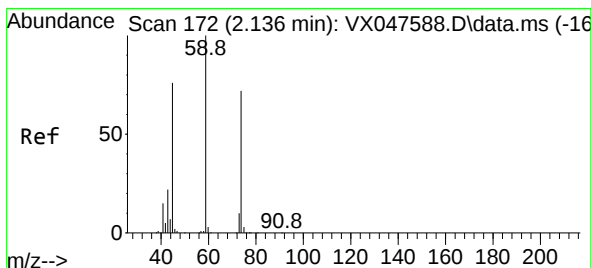
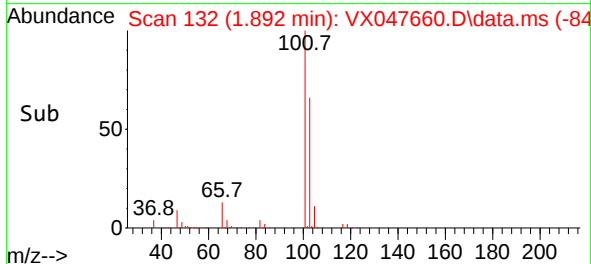
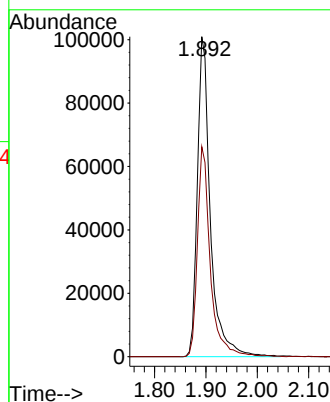
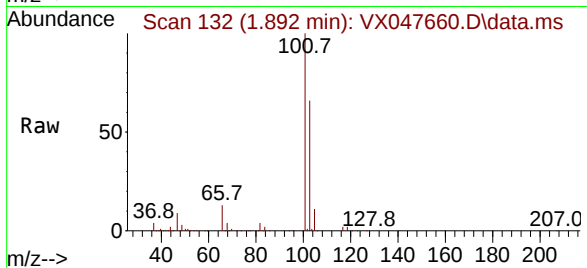




#7
 Trichlorofluoromethane
 Concen: 53.331 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX047660.D
 Acq: 19 Sep 2025 09:22

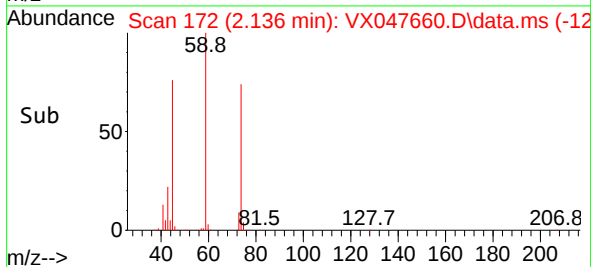
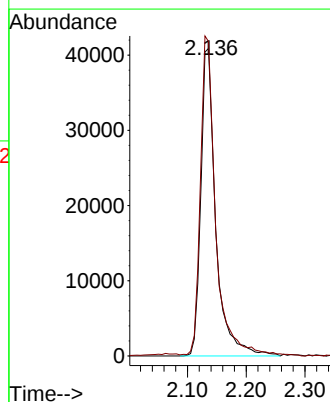
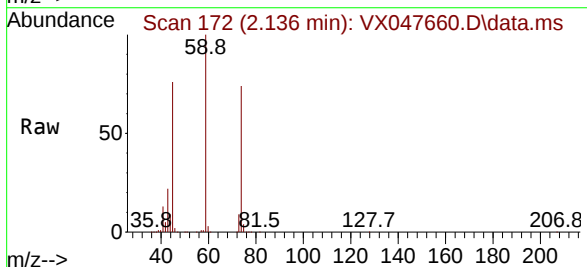
Instrument :
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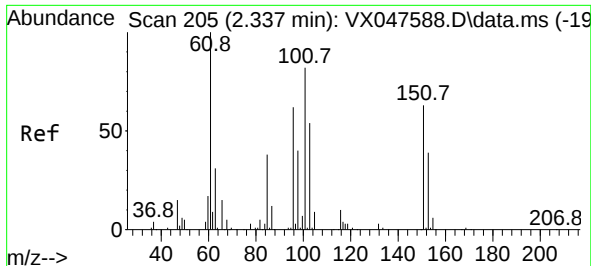
Tgt Ion:101 Resp: 177530
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.4 77.2



#8
 Diethyl Ether
 Concen: 53.247 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX047660.D
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Tgt Ion: 74 Resp: 72507
 Ion Ratio Lower Upper
 74 100
 45 106.8 52.3 156.8

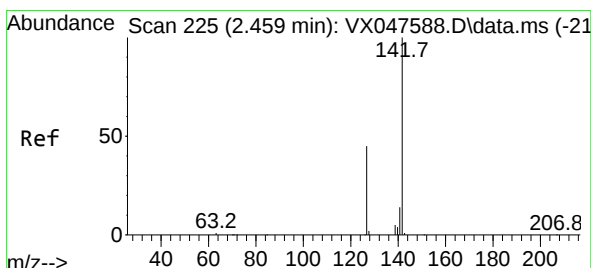
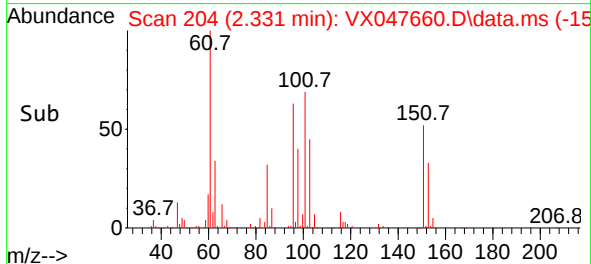
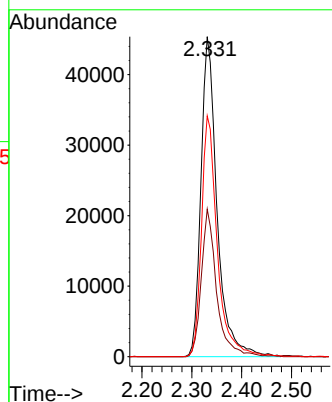
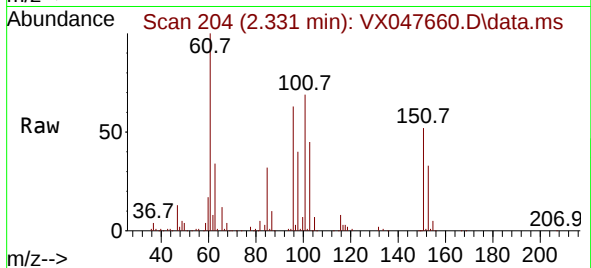




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.368 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

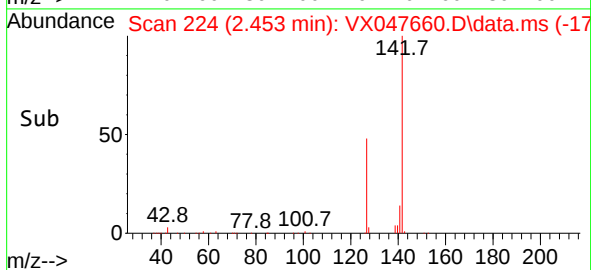
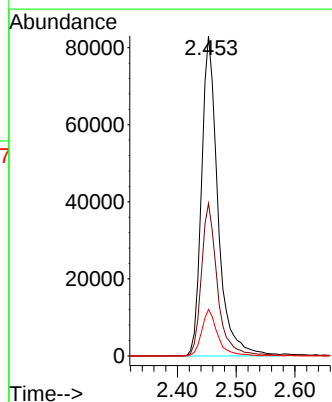
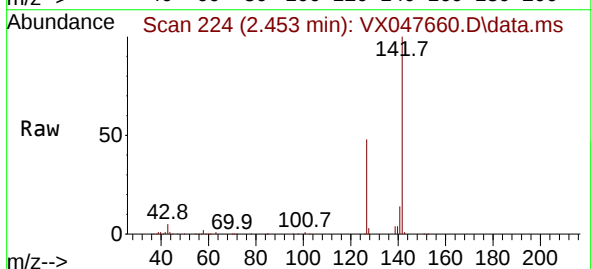
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

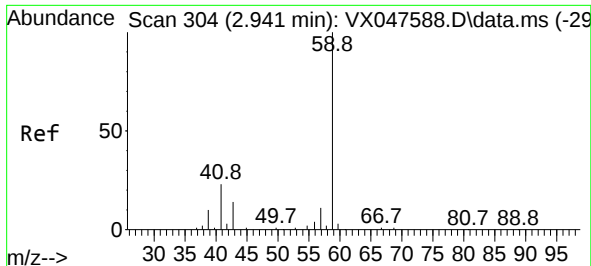
Tgt Ion:101 Resp: 101931
Ion Ratio Lower Upper
101 100
85 44.0 35.5 53.3
151 74.2 59.4 89.0



#10
Methyl Iodide
Concen: 53.061 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

Tgt Ion:142 Resp: 161075
Ion Ratio Lower Upper
142 100
127 46.6 37.2 55.8
141 14.2 11.4 17.0

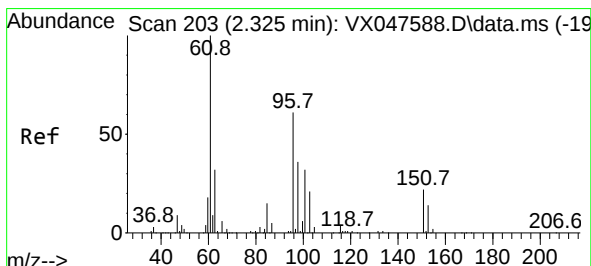
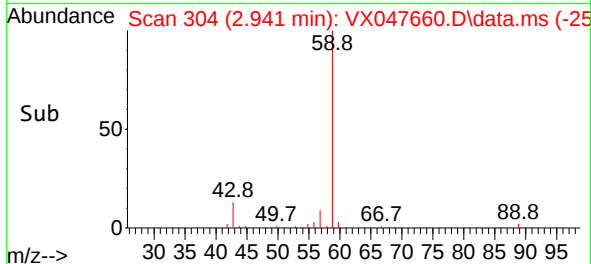
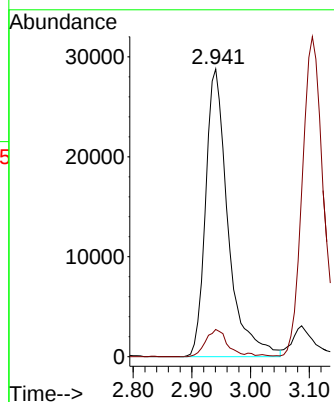
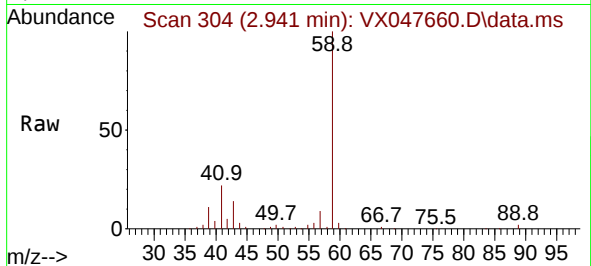




#11
Tert butyl alcohol
Concen: 256.398 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

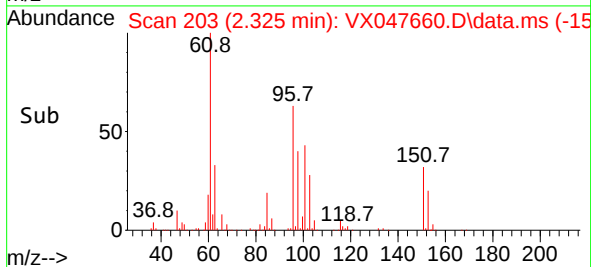
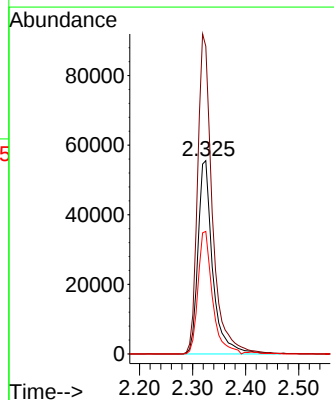
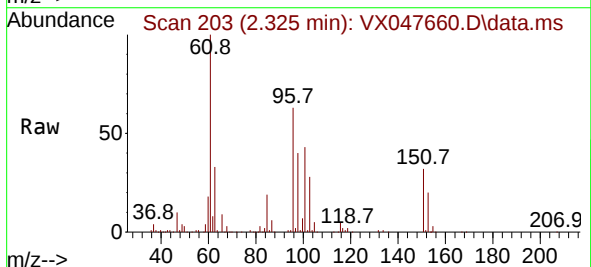
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

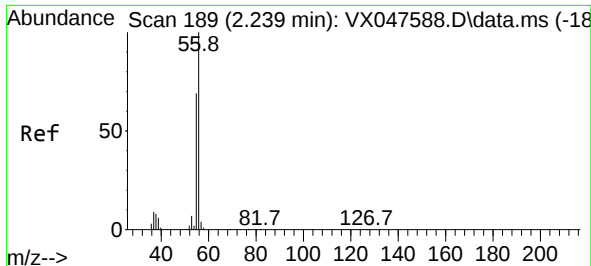
Tgt Ion: 59 Resp: 76492
Ion Ratio Lower Upper
59 100
57 9.0 8.3 12.5



#12
1,1-Dichloroethene
Concen: 53.511 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

Tgt Ion: 96 Resp: 106990
Ion Ratio Lower Upper
96 100
61 159.2 131.0 196.6
98 63.4 47.7 71.5

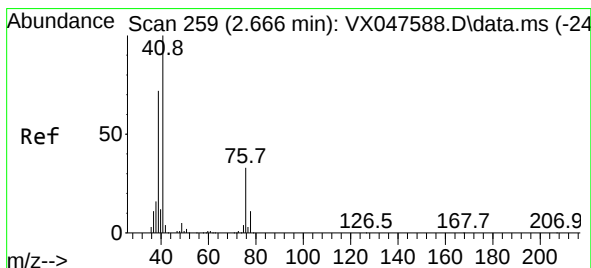
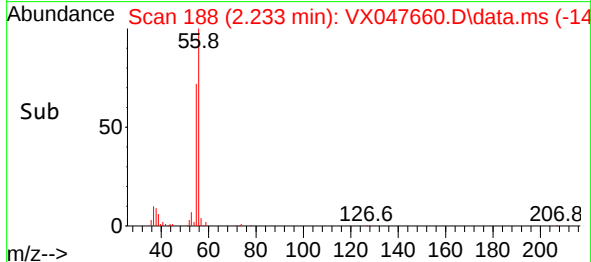
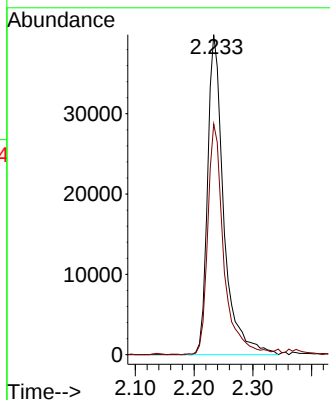
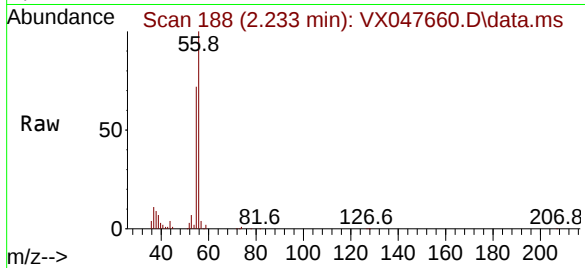




#13
Acrolein
Concen: 277.267 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

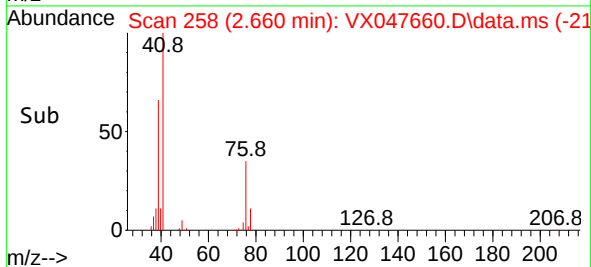
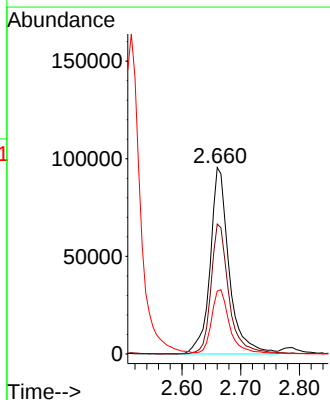
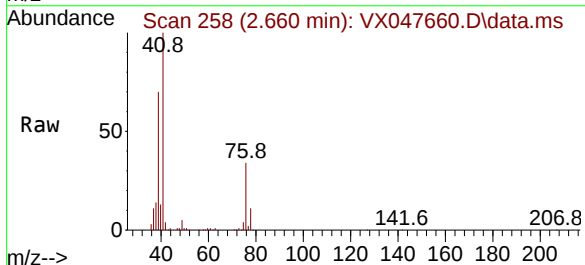
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

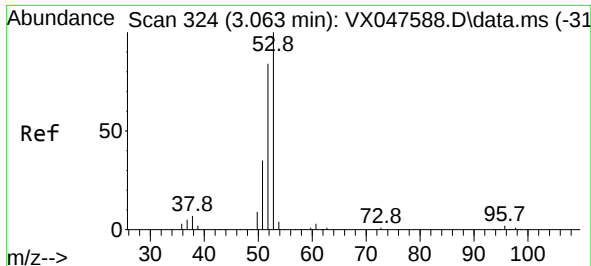
Tgt Ion: 56 Resp: 76226
Ion Ratio Lower Upper
56 100
55 71.3 57.2 85.8



#14
Allyl chloride
Concen: 52.096 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

Tgt Ion: 41 Resp: 214937
Ion Ratio Lower Upper
41 100
39 66.2 54.7 82.1
76 32.9 25.7 38.5

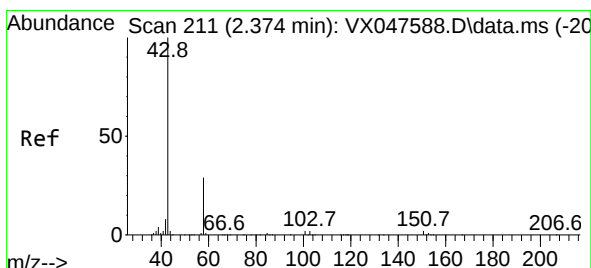
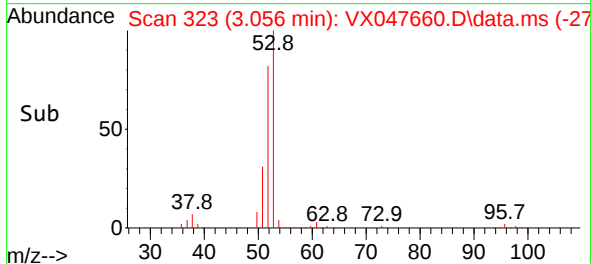
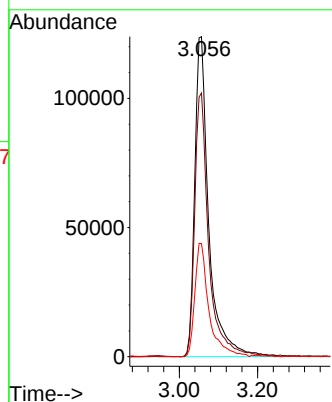
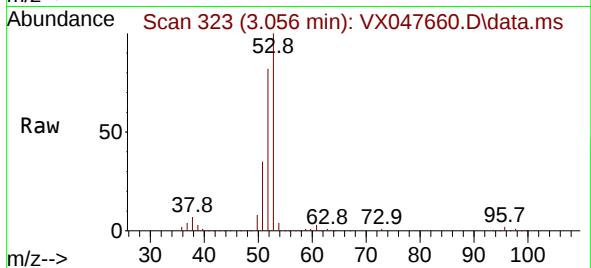




#15
Acrylonitrile
Concen: 280.351 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

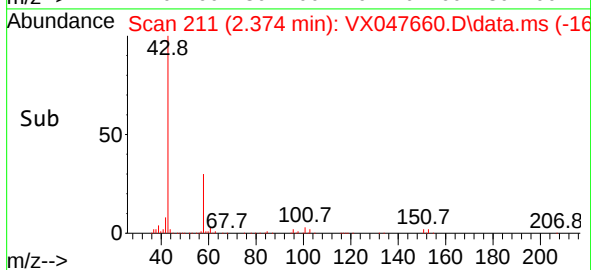
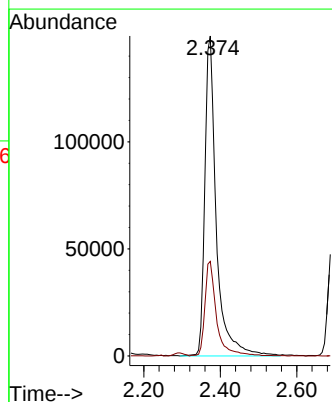
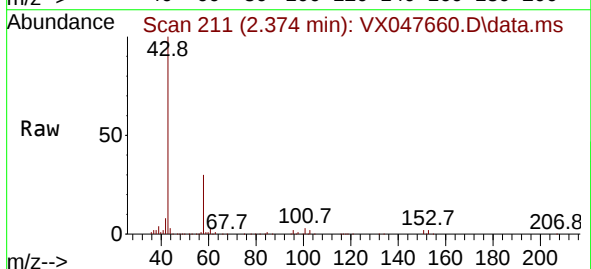
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

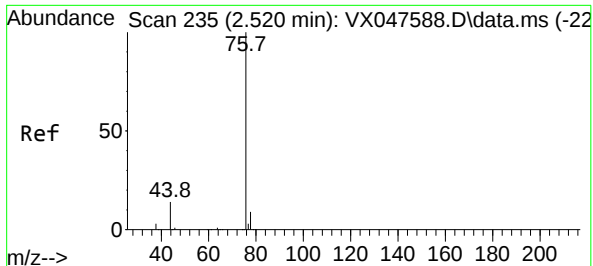
Tgt Ion: 53 Resp: 309800
Ion Ratio Lower Upper
53 100
52 82.3 66.4 99.6
51 35.8 29.5 44.3



#16
Acetone
Concen: 267.632 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

Tgt Ion: 43 Resp: 311710
Ion Ratio Lower Upper
43 100
58 29.5 23.4 35.0

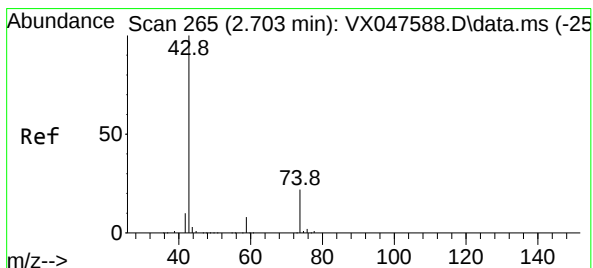
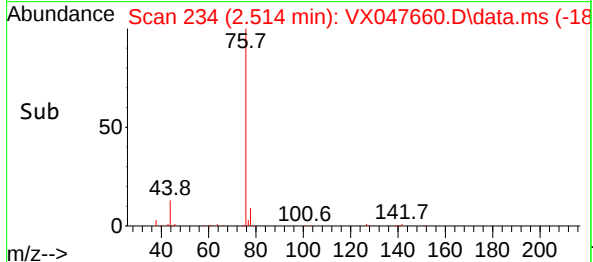
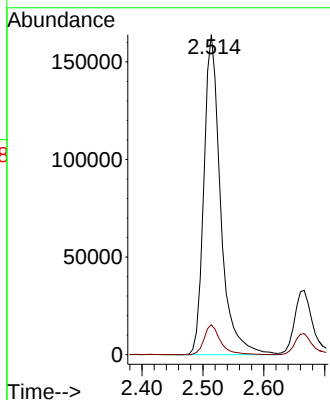
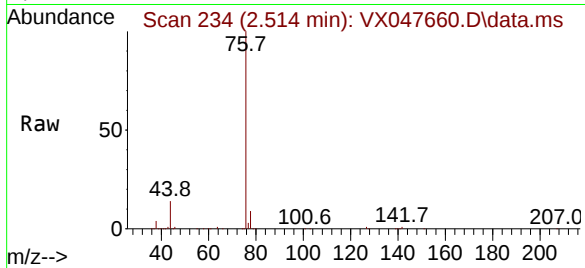




#17
Carbon Disulfide
Concen: 57.144 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

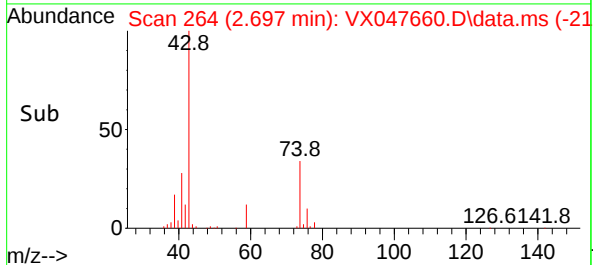
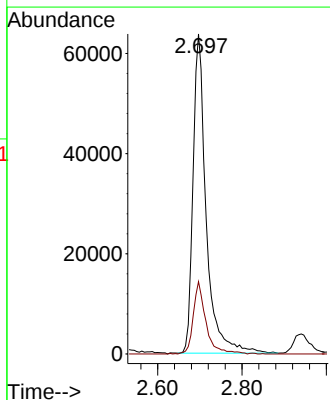
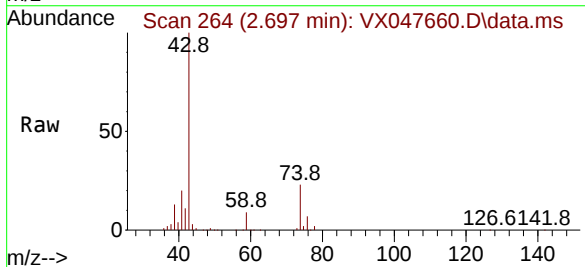
Instrument :
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ClientSampleId :
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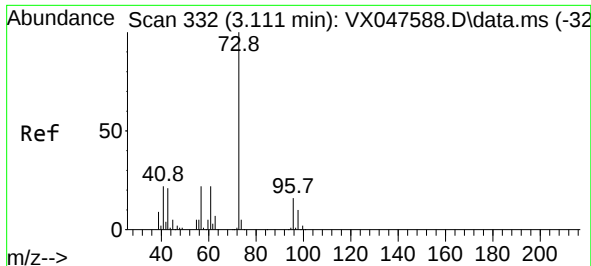
Tgt Ion: 76 Resp: 312779
Ion Ratio Lower Upper
76 100
78 9.5 6.8 10.2



#18
Methyl Acetate
Concen: 53.421 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

Tgt Ion: 43 Resp: 138468
Ion Ratio Lower Upper
43 100
74 21.7 17.4 26.2

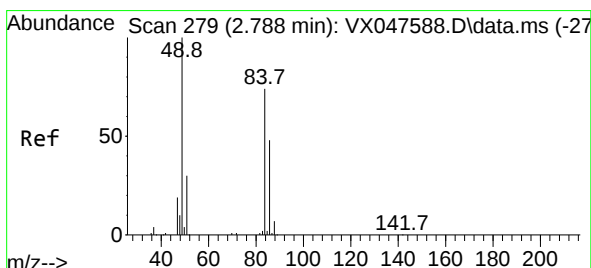
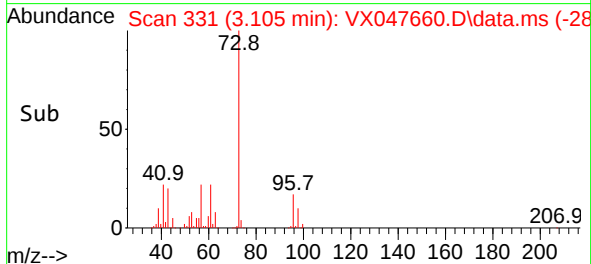
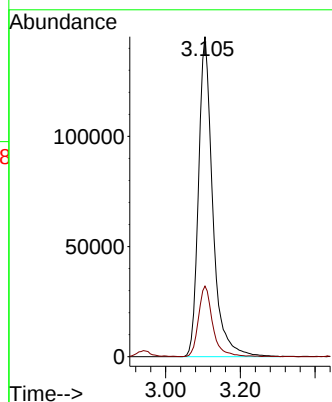
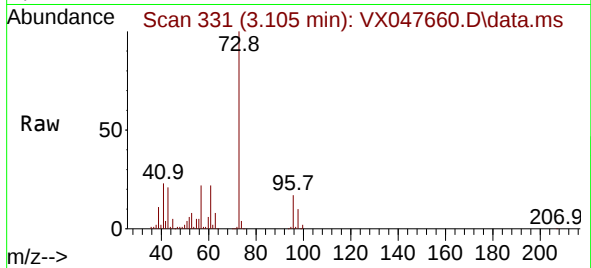




#19
Methyl tert-butyl Ether
Concen: 52.463 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

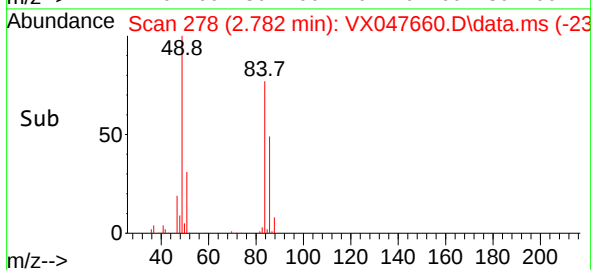
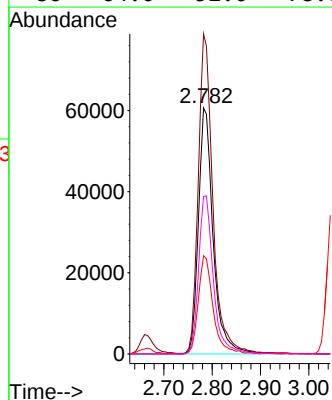
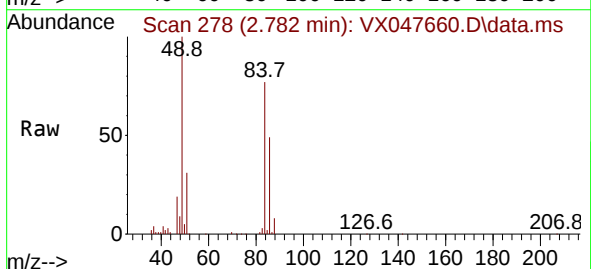
Instrument :
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ClientSampleId :
VSTDCCC050

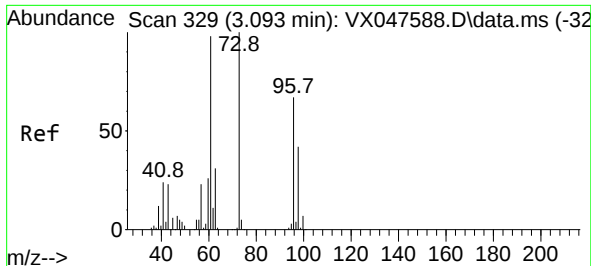
Tgt Ion: 73 Resp: 382912
Ion Ratio Lower Upper
73 100
57 22.0 17.4 26.2



#20
Methylene Chloride
Concen: 52.090 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

Tgt Ion: 84 Resp: 128420
Ion Ratio Lower Upper
84 100
49 129.8 108.6 162.8
51 39.9 32.6 48.8
86 64.0 52.0 78.0

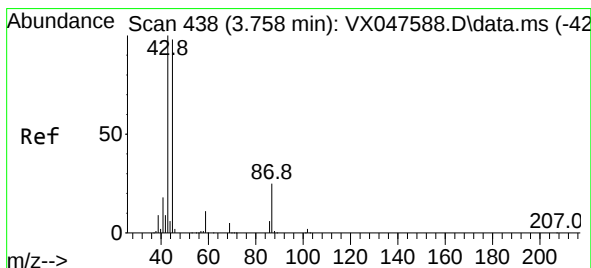
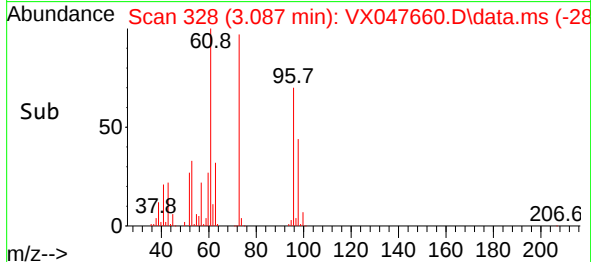
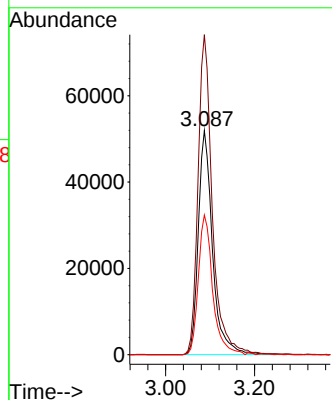
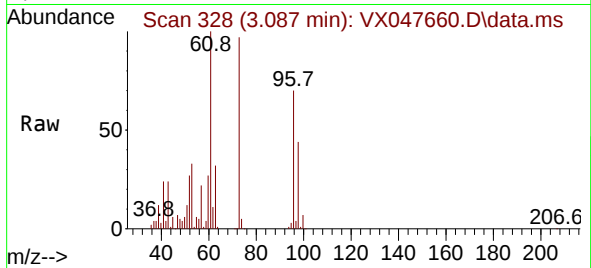




#21
trans-1,2-Dichloroethene
Concen: 53.949 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

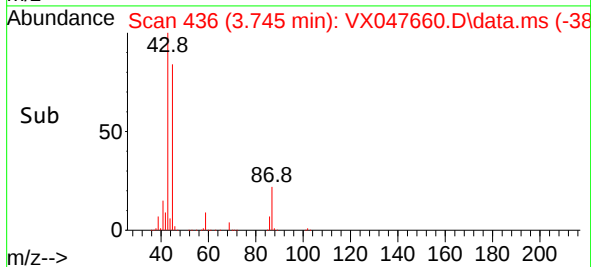
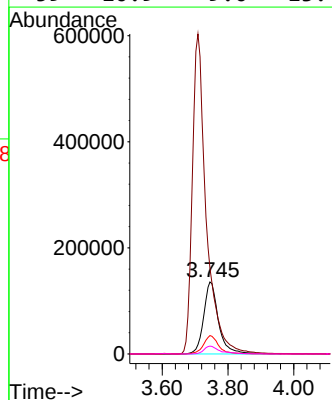
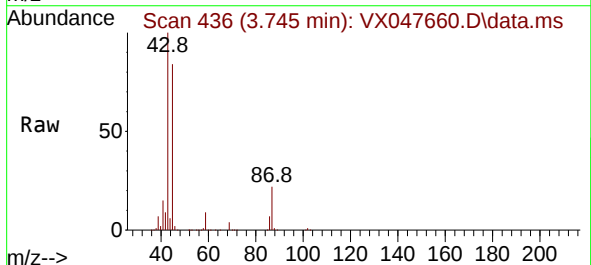
Instrument :
MSVOA_X
ClientSampleId :
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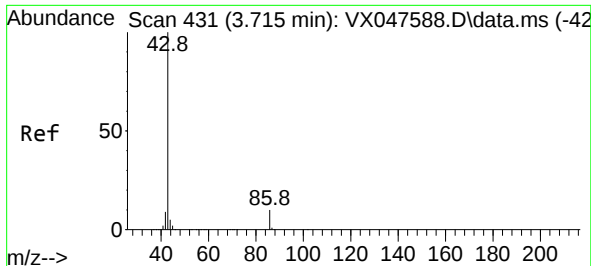
Tgt Ion: 96 Resp: 116131
Ion Ratio Lower Upper
96 100
61 142.7 116.2 174.2
98 62.3 49.3 73.9



#22
Diisopropyl ether
Concen: 53.122 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

Tgt Ion: 45 Resp: 424760
Ion Ratio Lower Upper
45 100
43 118.6 81.0 121.4
87 25.6 20.3 30.5
59 10.9 9.0 13.4

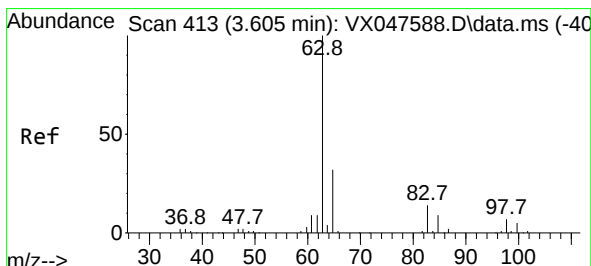
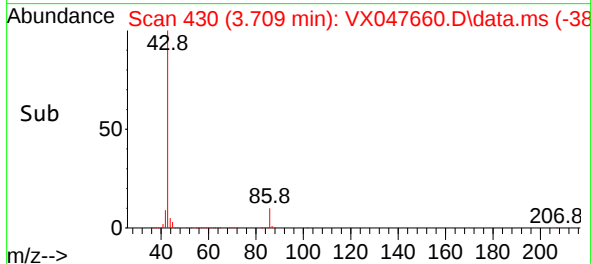
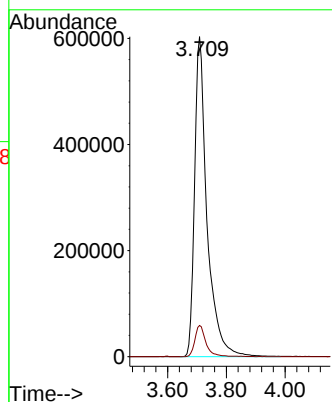
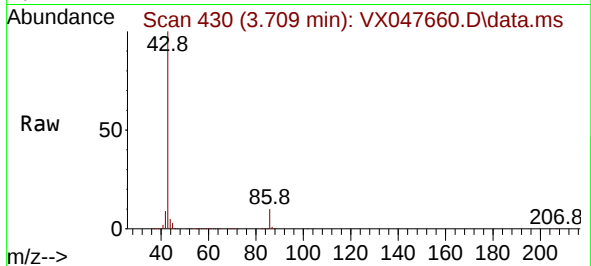




#23
 Vinyl Acetate
 Concen: 277.456 ug/l
 RT: 3.709 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX047660.D
 Acq: 19 Sep 2025 09:22

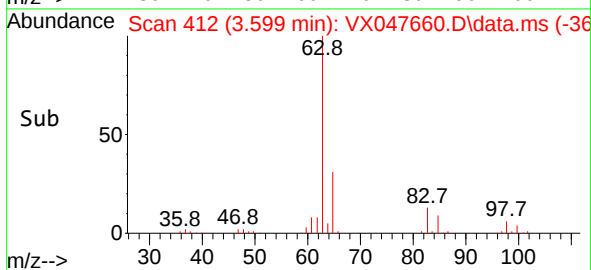
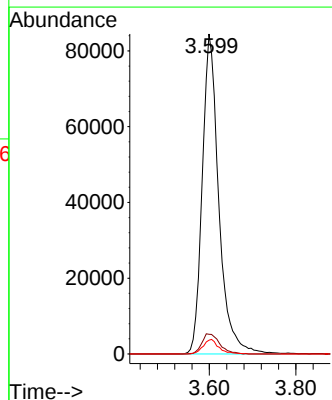
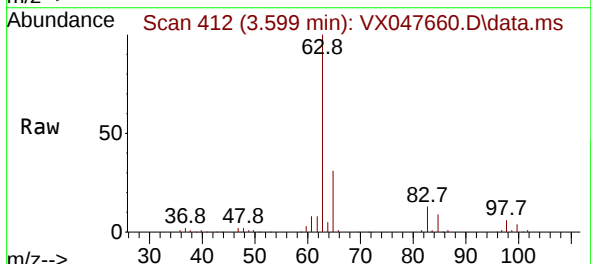
Instrument :
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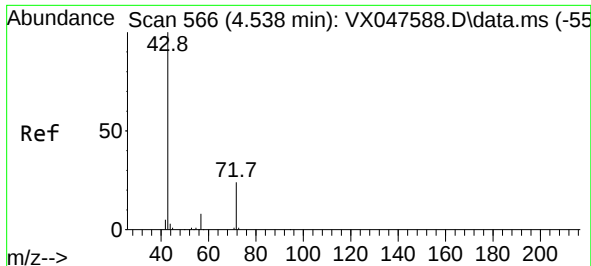
Tgt Ion: 43 Resp: 1775588
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 52.689 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX047660.D
 Acq: 19 Sep 2025 09:22

Tgt Ion: 63 Resp: 223923
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.8 11.2
 100 4.3 2.3 6.9

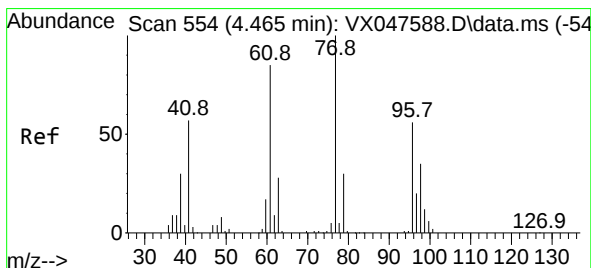
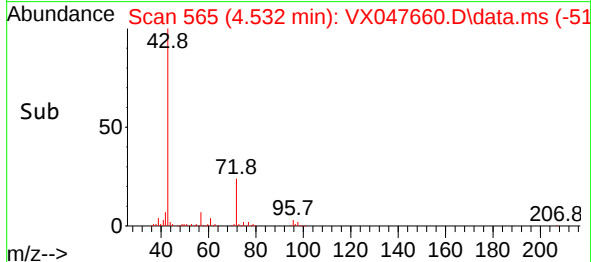
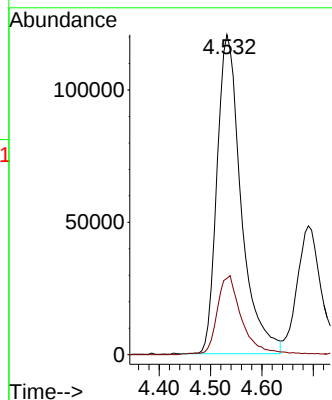
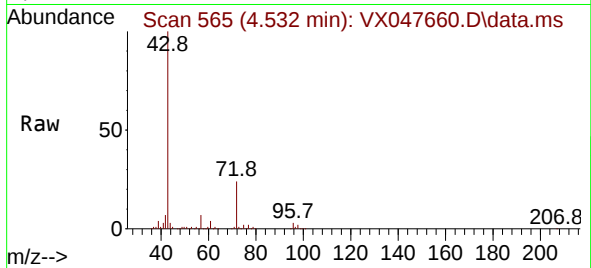




#25
2-Butanone
Concen: 270.370 ug/l
RT: 4.532 min Scan# 566
Delta R.T. -0.006 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

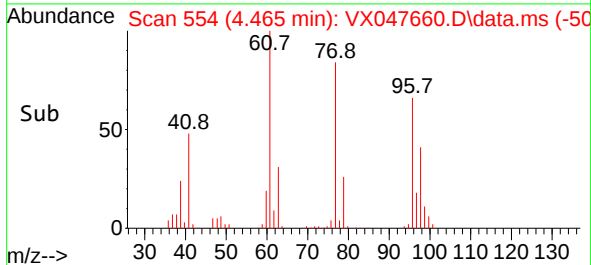
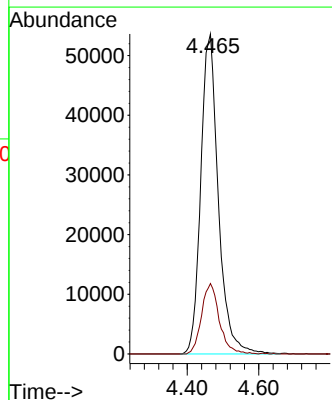
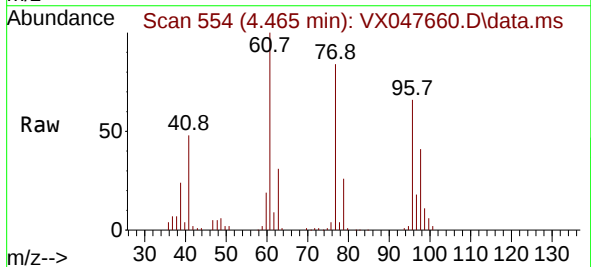
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

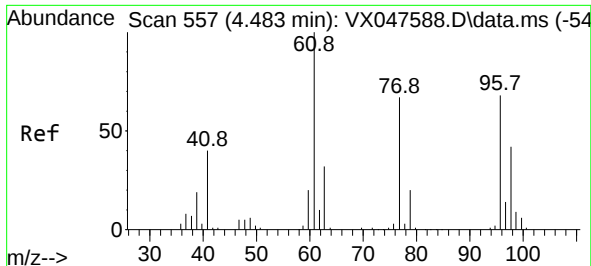
Tgt Ion: 43 Resp: 392796
Ion Ratio Lower Upper
43 100
72 23.8 20.1 30.1



#26
2,2-Dichloropropane
Concen: 51.709 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

Tgt Ion: 77 Resp: 182677
Ion Ratio Lower Upper
77 100
97 22.2 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 52.862 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

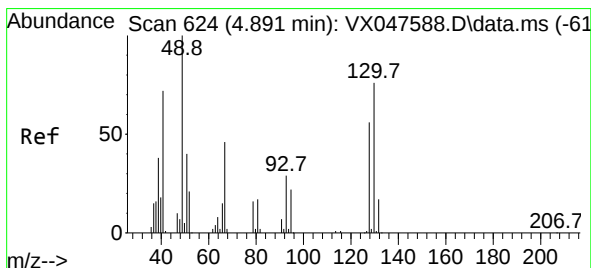
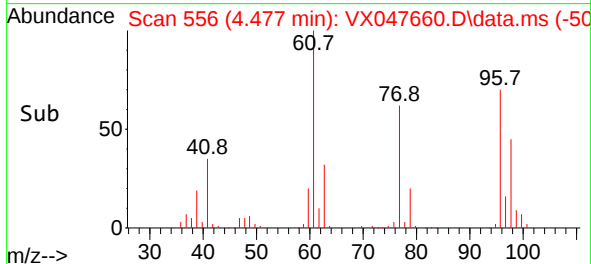
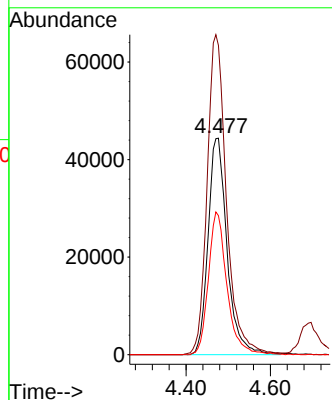
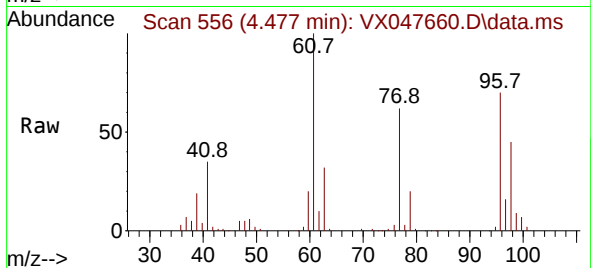
Tgt Ion: 96 Resp: 139356

Ion Ratio Lower Upper

96 100

61 150.1 0.0 303.2

98 64.1 0.0 127.8



#28

Bromochloromethane

Concen: 55.493 ug/l

RT: 4.879 min Scan# 622

Delta R.T. -0.012 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

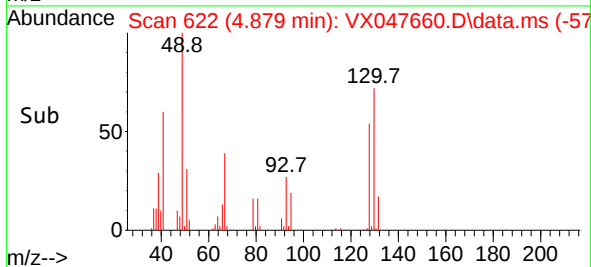
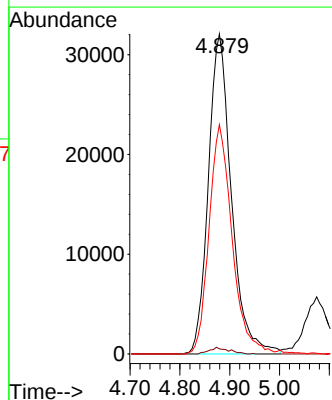
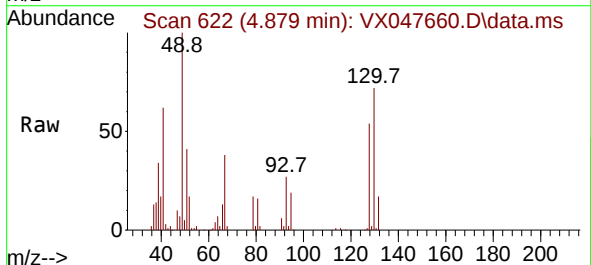
Tgt Ion: 49 Resp: 102961

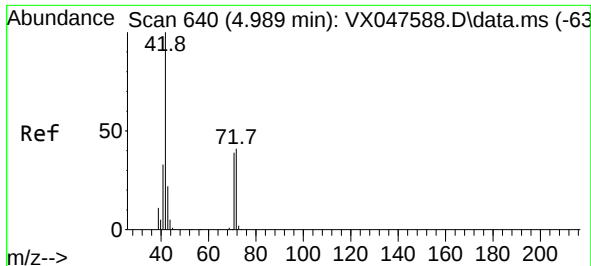
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.2

130 71.6 57.8 86.8





#29

Tetrahydrofuran

Concen: 275.412 ug/l

RT: 4.983 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

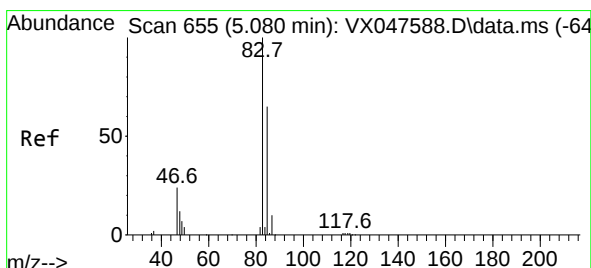
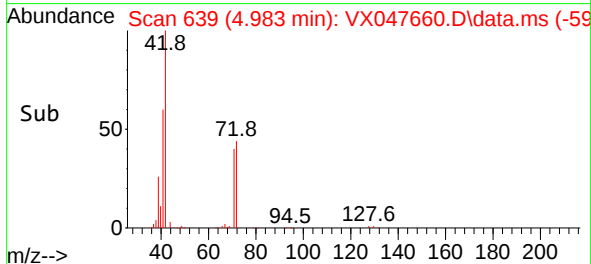
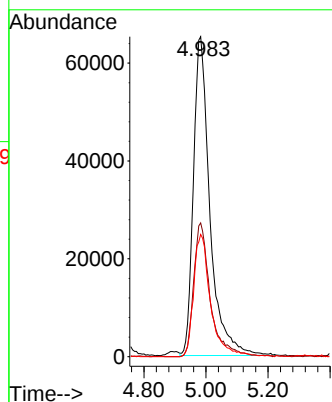
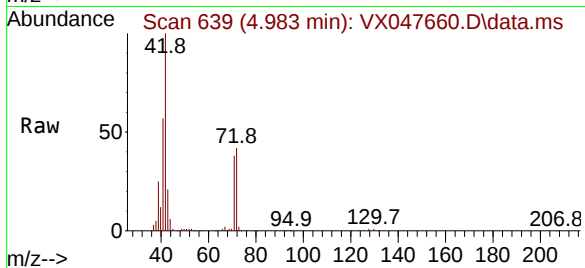
Tgt Ion: 42 Resp: 240704

Ion Ratio Lower Upper

42 100

72 42.3 34.2 51.2

71 39.3 31.9 47.9



#30

Chloroform

Concen: 52.250 ug/l

RT: 5.074 min Scan# 654

Delta R.T. -0.006 min

Lab File: VX047660.D

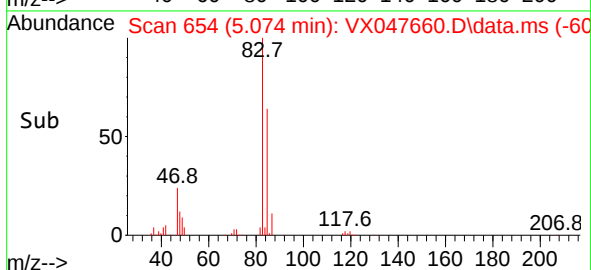
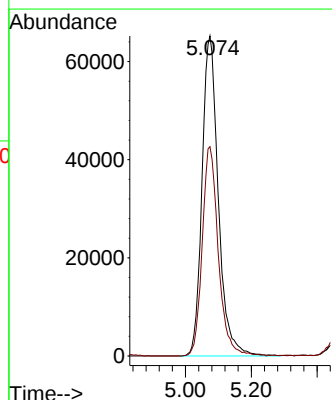
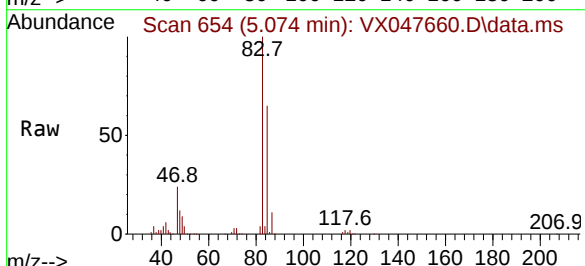
Acq: 19 Sep 2025 09:22

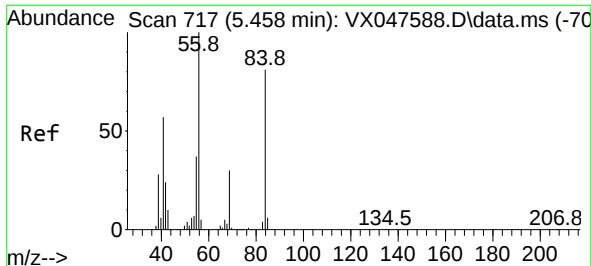
Tgt Ion: 83 Resp: 224397

Ion Ratio Lower Upper

83 100

85 65.4 51.8 77.6

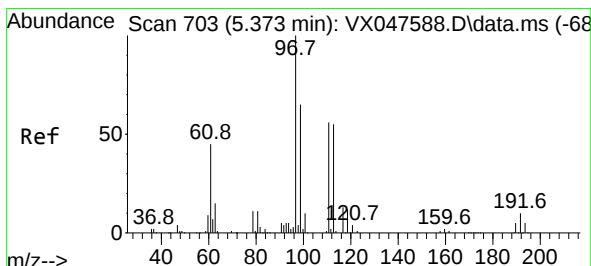
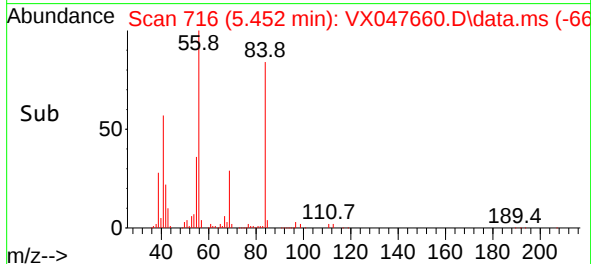
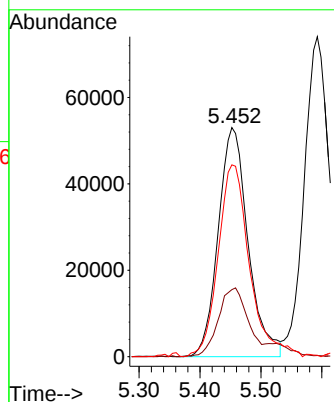
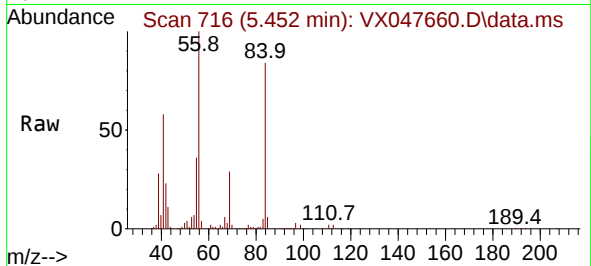




#31
Cyclohexane
Concen: 50.989 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

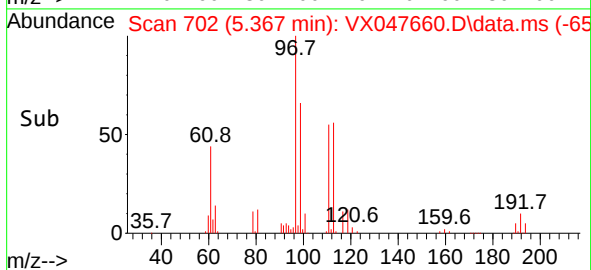
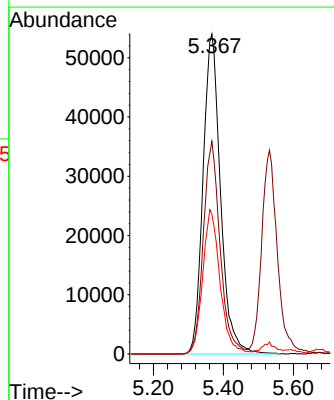
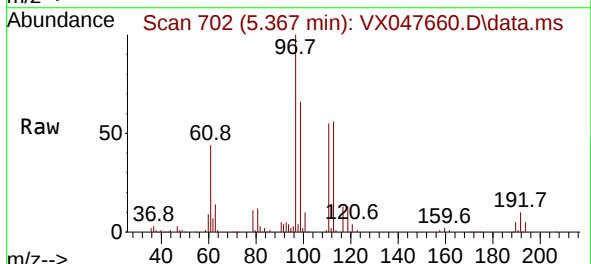
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

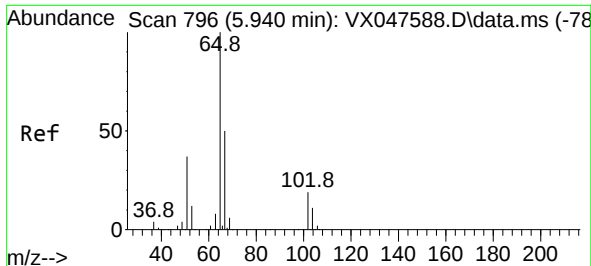
Tgt Ion: 56 Resp: 180483
Ion Ratio Lower Upper
56 100
69 28.8 23.8 35.8
84 83.5 64.6 97.0



#32
1,1,1-Trichloroethane
Concen: 51.405 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

Tgt Ion: 97 Resp: 187258
Ion Ratio Lower Upper
97 100
99 63.9 50.6 76.0
61 44.8 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 48.921 ug/l

RT: 5.934 min Scan# 796

Delta R.T. -0.006 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

Instrument :

MSVOA_X

ClientSampleId :

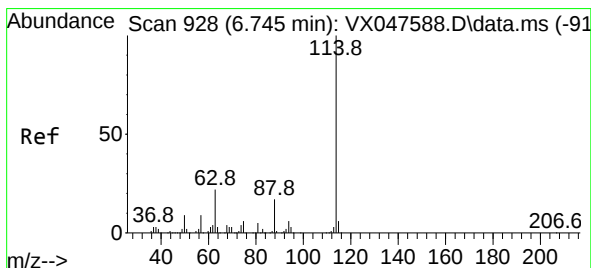
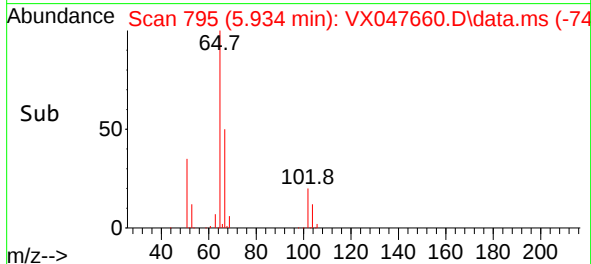
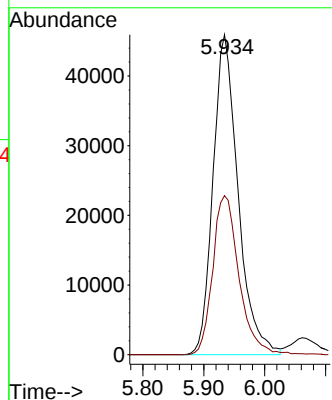
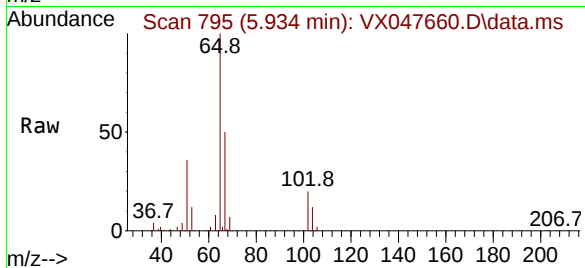
VSTDCCC050

Tgt Ion: 65 Resp: 131043

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.739 min Scan# 927

Delta R.T. -0.006 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

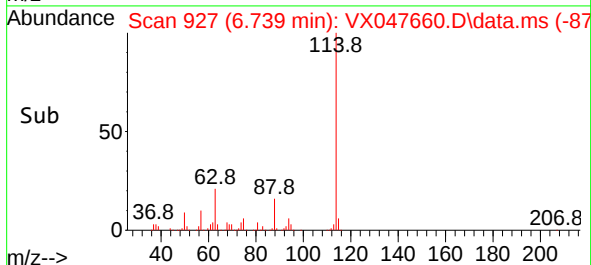
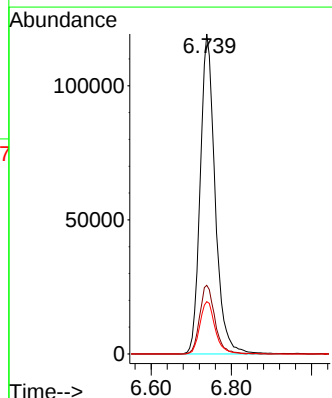
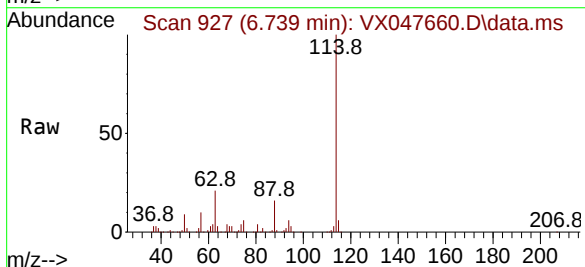
Tgt Ion: 114 Resp: 306730

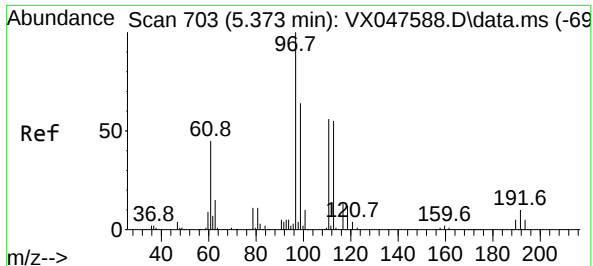
Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.0

88 16.4 0.0 34.2





#35

Dibromofluoromethane

Concen: 48.985 ug/l

RT: 5.367 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

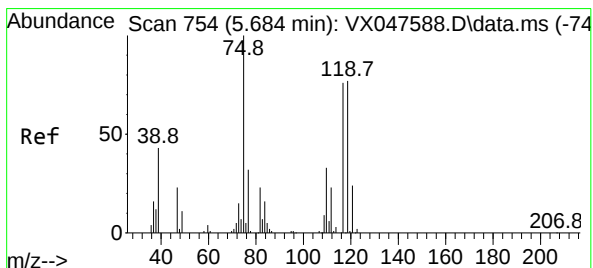
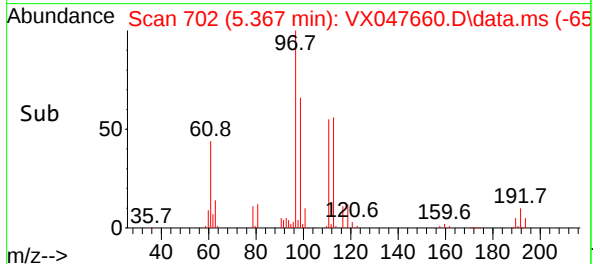
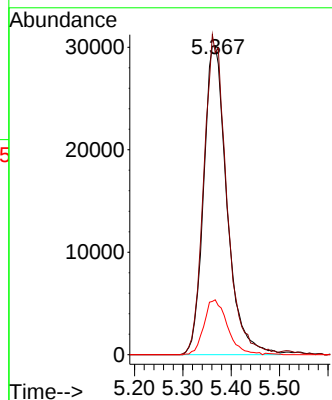
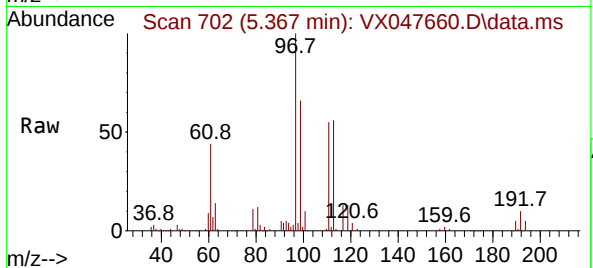
Tgt Ion:113 Resp: 100766

Ion Ratio Lower Upper

113 100

111 101.9 80.9 121.3

192 17.9 14.2 21.4



#36

1,1-Dichloropropene

Concen: 49.472 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.012 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

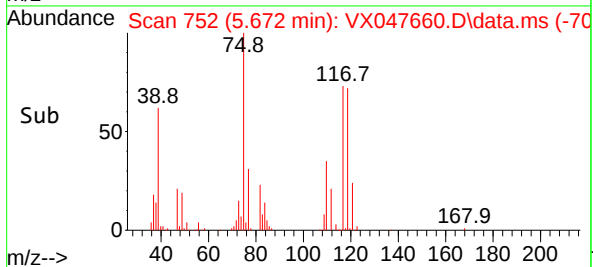
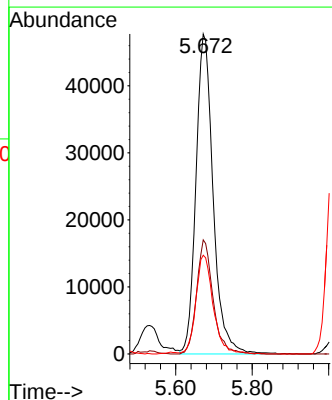
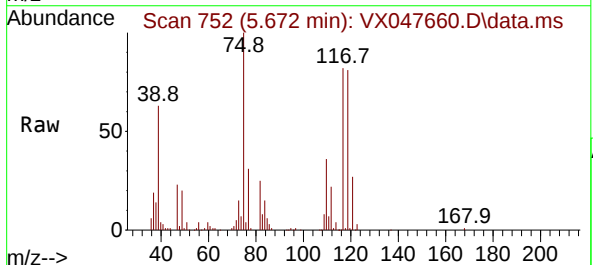
Tgt Ion: 75 Resp: 148709

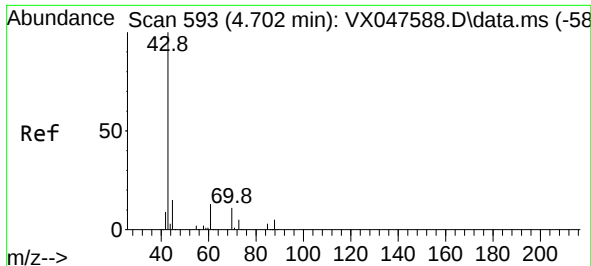
Ion Ratio Lower Upper

75 100

110 34.2 16.7 50.1

77 31.1 24.3 36.5

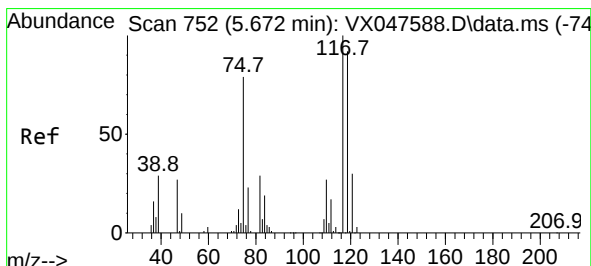
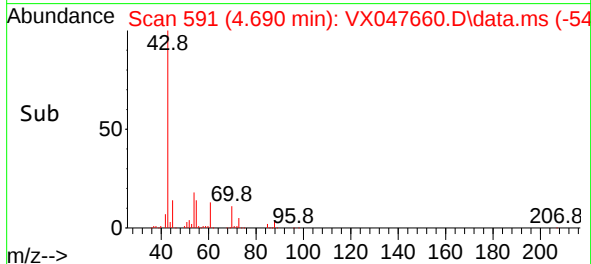
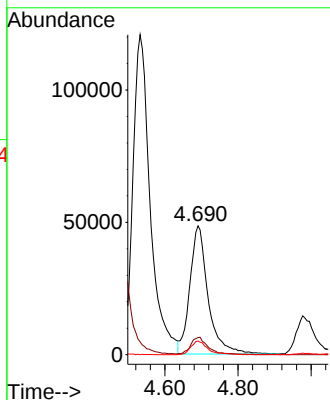
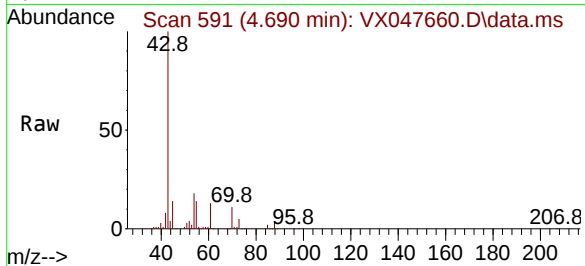




#37
Ethyl Acetate
Concen: 52.177 ug/l
RT: 4.690 min Scan# 591
Delta R.T. -0.012 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

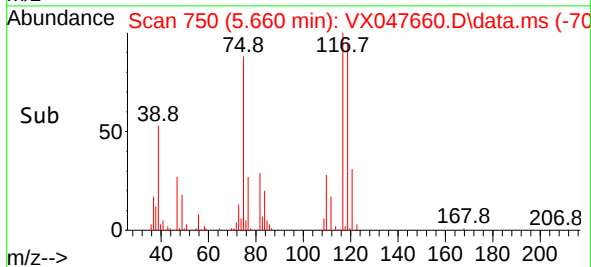
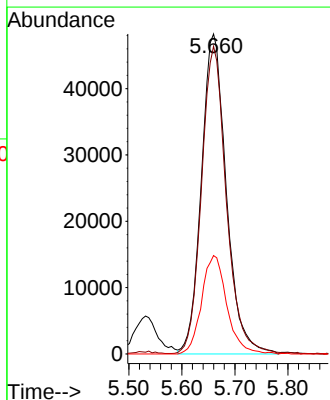
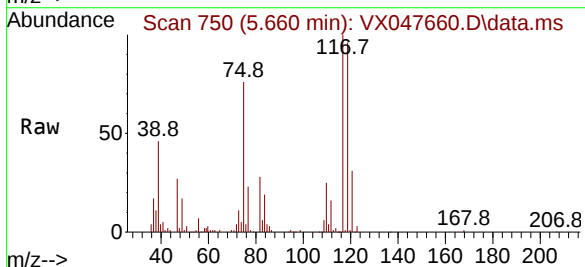
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

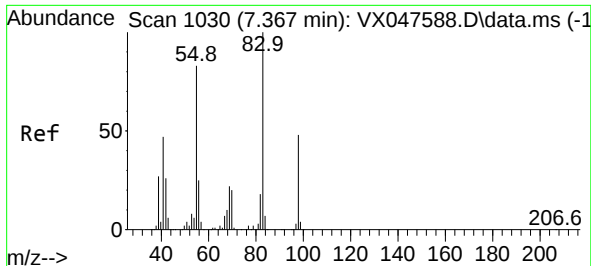
Tgt Ion: 43 Resp: 167930
Ion Ratio Lower Upper
43 100
61 13.5 9.8 14.8
70 9.9 7.9 11.9



#38
Carbon Tetrachloride
Concen: 48.399 ug/l
RT: 5.660 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

Tgt Ion: 117 Resp: 158068
Ion Ratio Lower Upper
117 100
119 95.7 73.4 110.2
121 30.7 23.8 35.6





#39

Methylcyclohexane

Concen: 50.798 ug/l

RT: 7.361 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

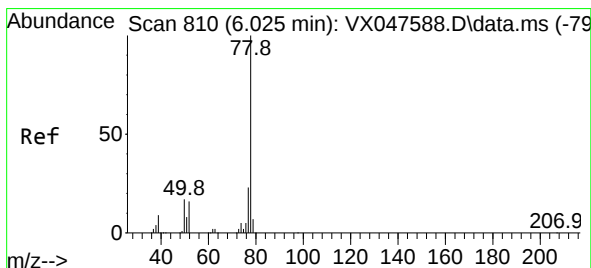
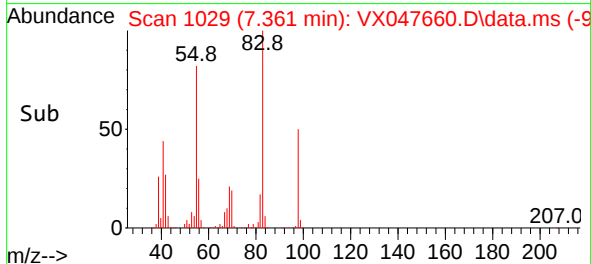
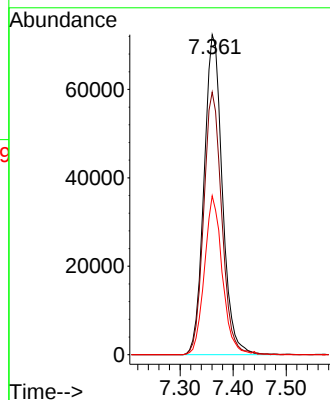
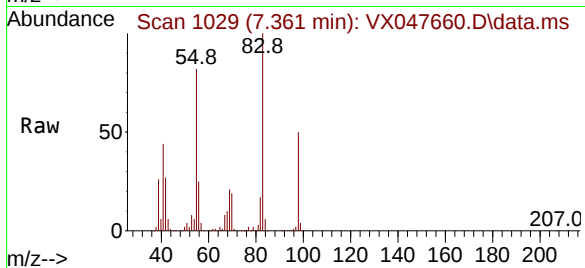
Tgt Ion: 83 Resp: 173329

Ion Ratio Lower Upper

83 100

55 82.0 66.4 99.6

98 49.6 38.1 57.1



#40

Benzene

Concen: 51.478 ug/l

RT: 6.019 min Scan# 809

Delta R.T. -0.006 min

Lab File: VX047660.D

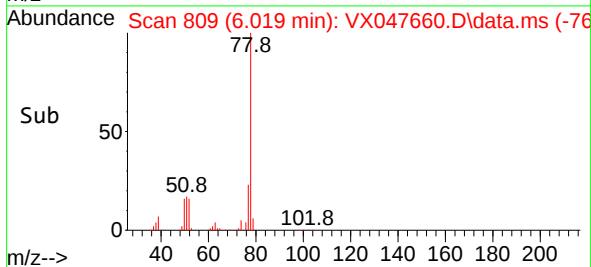
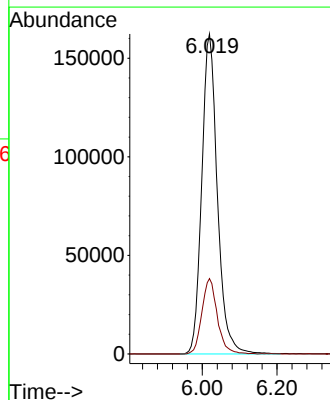
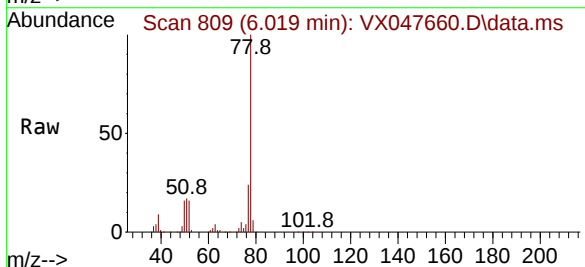
Acq: 19 Sep 2025 09:22

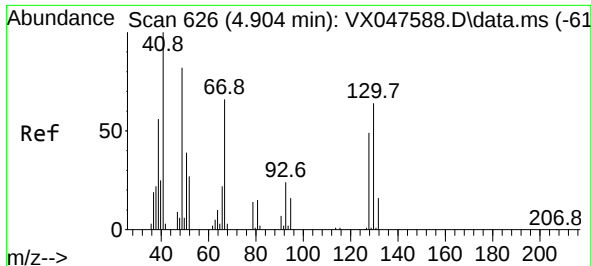
Tgt Ion: 78 Resp: 469978

Ion Ratio Lower Upper

78 100

77 23.6 18.8 28.2

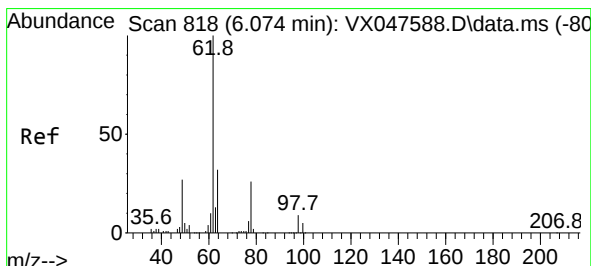
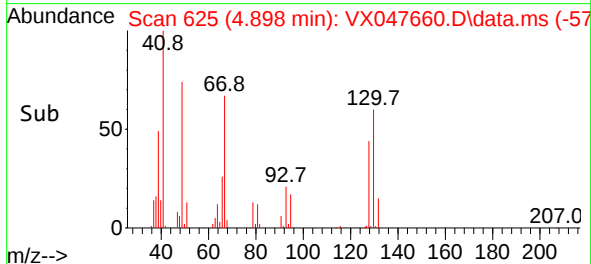
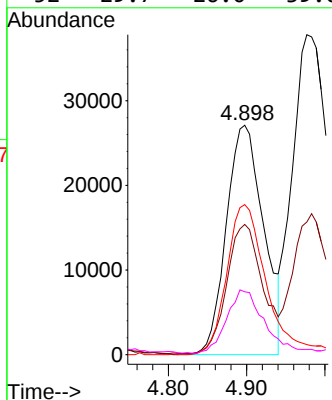
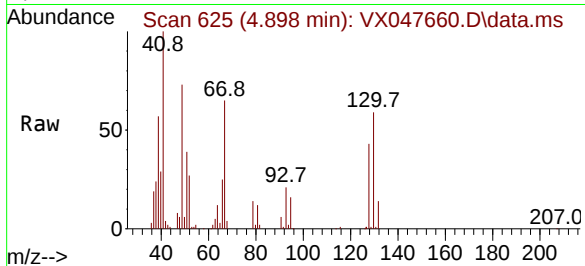




#41
Methacrylonitrile
Concen: 54.019 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

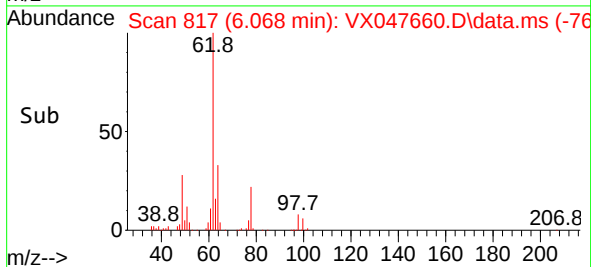
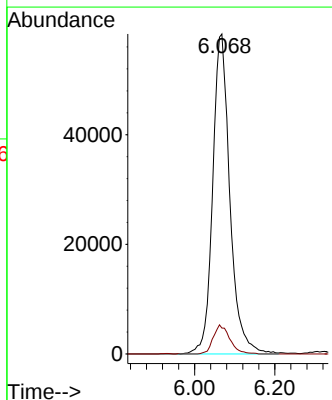
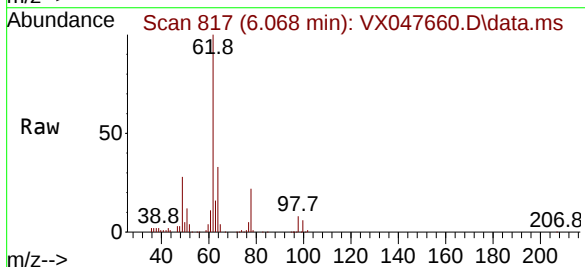
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

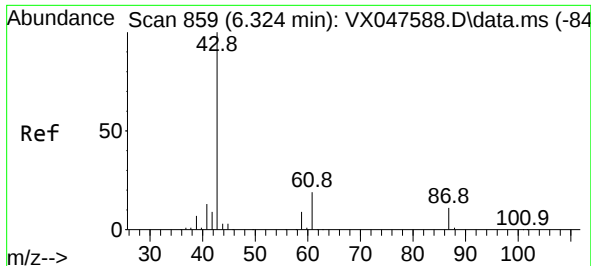
Tgt Ion:	41	Resp:	89756
Ion	Ratio	Lower	Upper
41	100		
39	54.0	43.3	64.9
67	70.9	58.6	87.8
52	29.7	26.0	39.0



#42
1,2-Dichloroethane
Concen: 50.041 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

Tgt Ion:	62	Resp:	173829
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.0





#43

Isopropyl Acetate

Concen: 51.124 ug/l

RT: 6.318 min Scan# 81

Delta R.T. -0.006 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

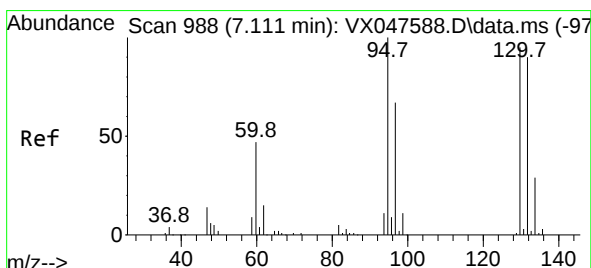
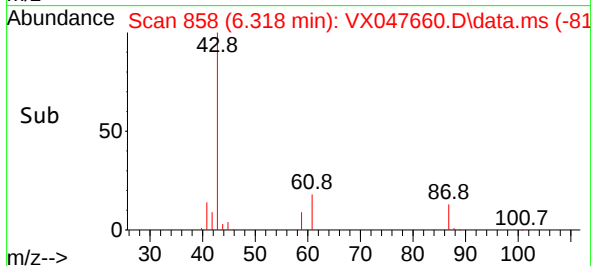
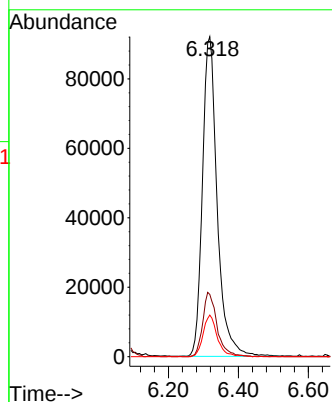
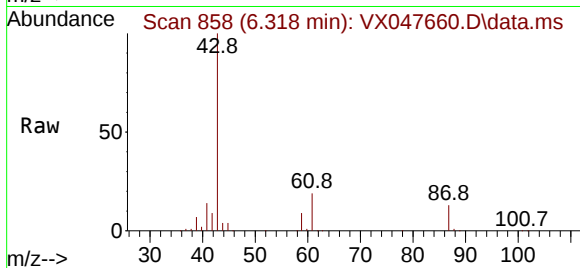
Tgt Ion: 43 Resp: 269858

Ion Ratio Lower Upper

43 100

61 19.6 15.2 22.8

87 12.5 9.6 14.4



#44

Trichloroethene

Concen: 51.491 ug/l

RT: 7.104 min Scan# 987

Delta R.T. -0.006 min

Lab File: VX047660.D

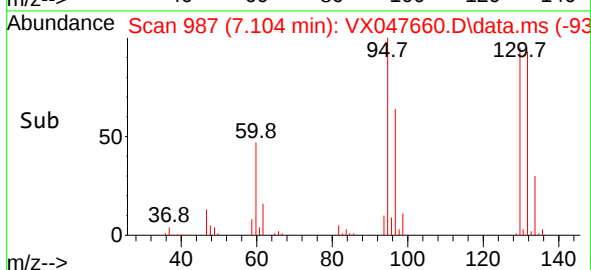
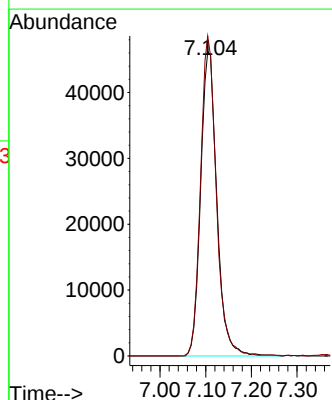
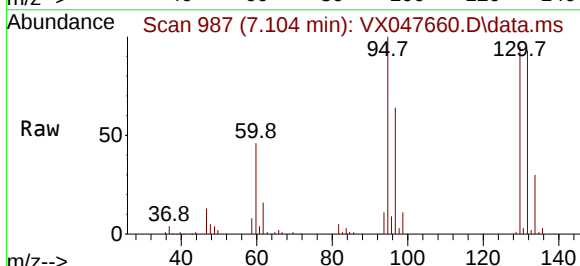
Acq: 19 Sep 2025 09:22

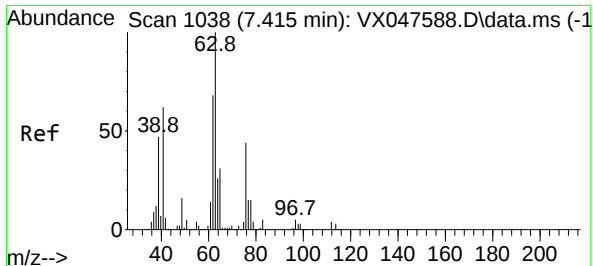
Tgt Ion:130 Resp: 113653

Ion Ratio Lower Upper

130 100

95 105.1 0.0 210.8





#45

1,2-Dichloropropane

Concen: 50.706 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

Instrument :

MSVOA_X

ClientSampleId :

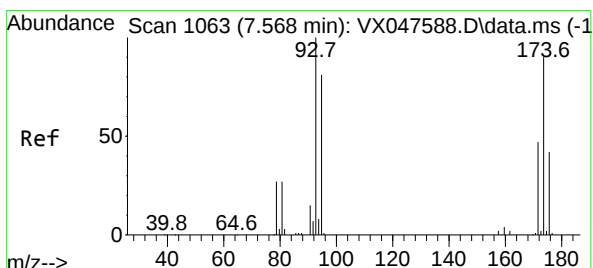
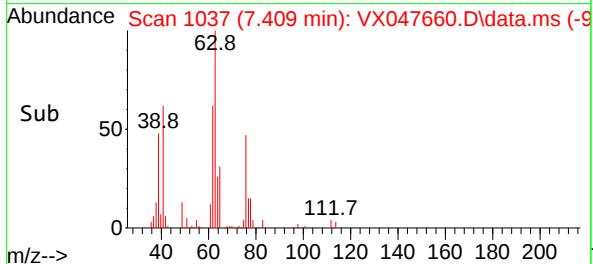
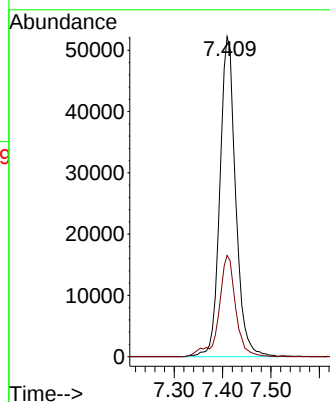
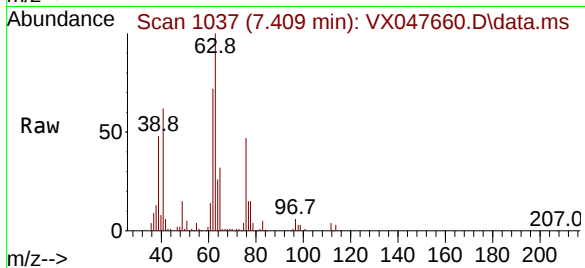
VSTDCCC050

Tgt Ion: 63 Resp: 118540

Ion Ratio Lower Upper

63 100

65 31.6 24.7 37.1



#46

Dibromomethane

Concen: 51.314 ug/l

RT: 7.562 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

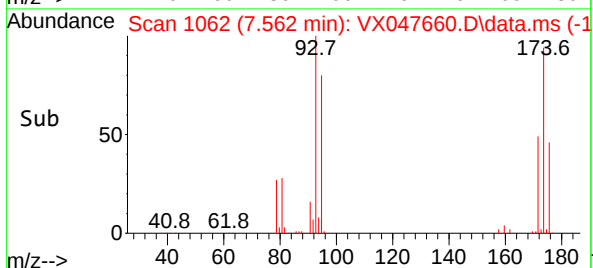
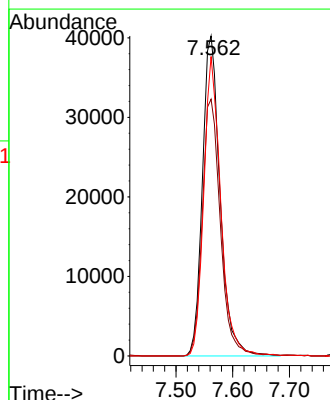
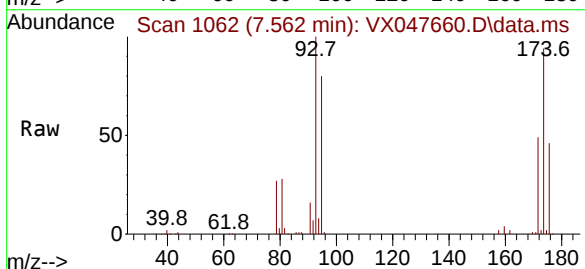
Tgt Ion: 93 Resp: 87295

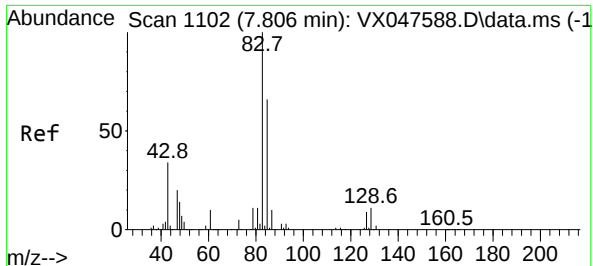
Ion Ratio Lower Upper

93 100

95 82.0 65.0 97.6

174 90.0 71.6 107.4

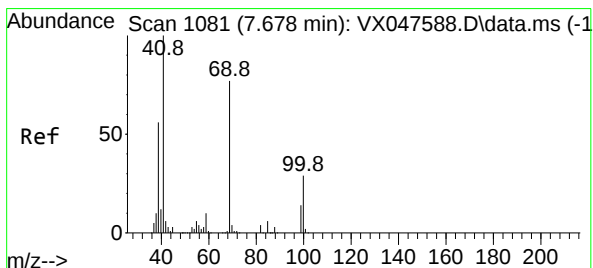
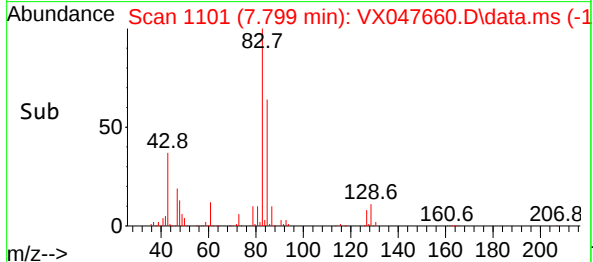
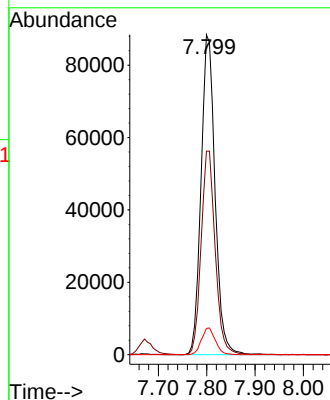
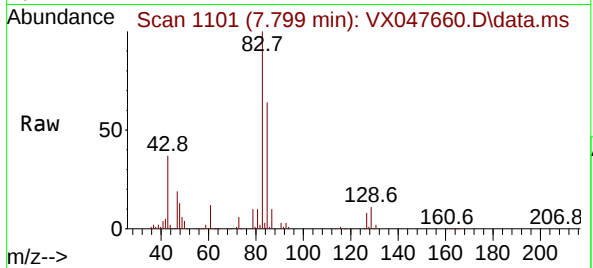




#47
Bromodichloromethane
Concen: 50.681 ug/l
RT: 7.799 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

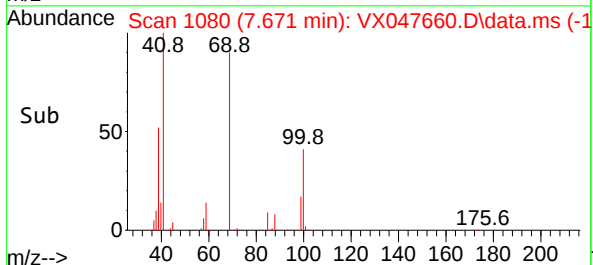
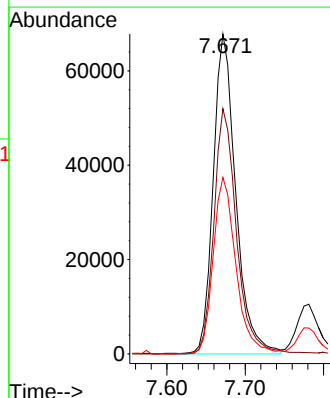
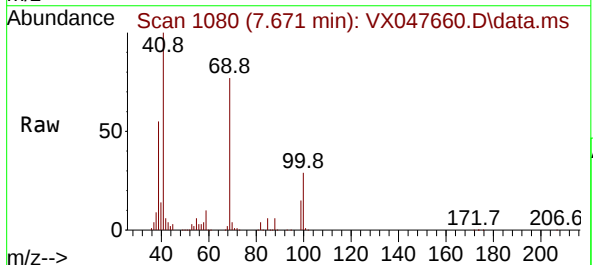
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

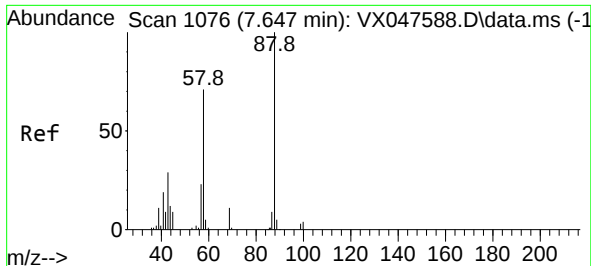
Tgt Ion: 83 Resp: 177916
Ion Ratio Lower Upper
83 100
85 63.6 52.5 78.7
127 8.2 6.9 10.3



#48
Methyl methacrylate
Concen: 51.542 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

Tgt Ion: 41 Resp: 135518
Ion Ratio Lower Upper
41 100
69 77.2 61.4 92.2
39 55.7 45.8 68.6





#49

1,4-Dioxane

Concen: 1265.071 ug/l

RT: 7.641 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

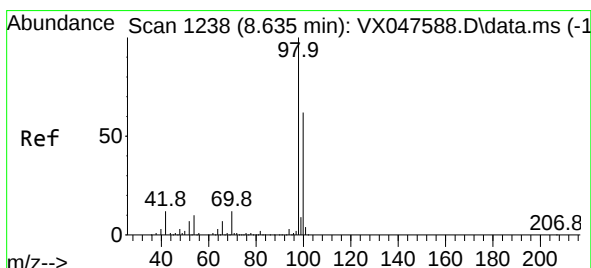
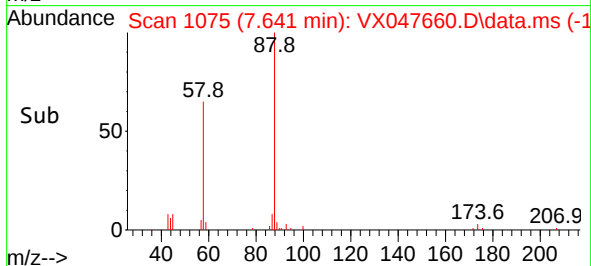
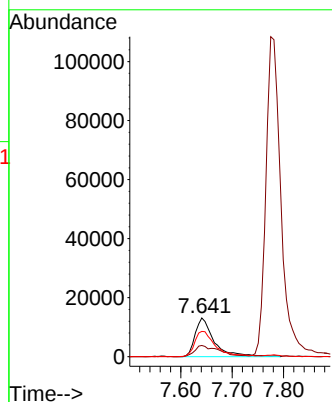
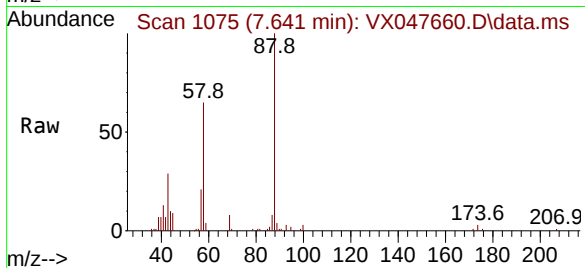
Tgt Ion: 88 Resp: 33615

Ion Ratio Lower Upper

88 100

43 37.3 30.2 45.2

58 72.3 59.5 89.3



#50

Toluene-d8

Concen: 48.346 ug/l

RT: 8.629 min Scan# 1237

Delta R.T. -0.006 min

Lab File: VX047660.D

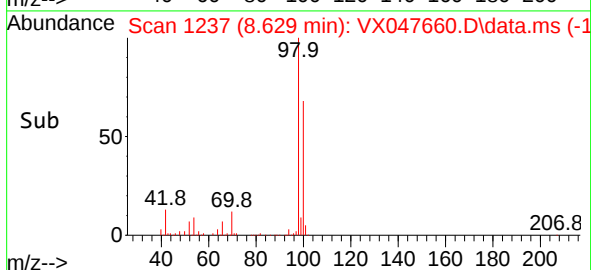
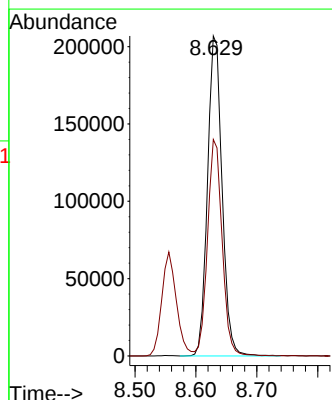
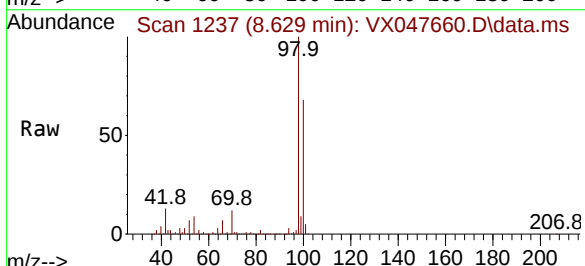
Acq: 19 Sep 2025 09:22

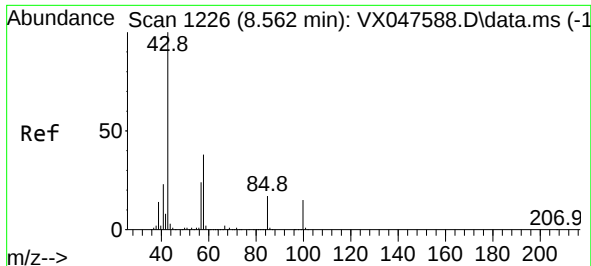
Tgt Ion: 98 Resp: 344123

Ion Ratio Lower Upper

98 100

100 67.6 53.0 79.4

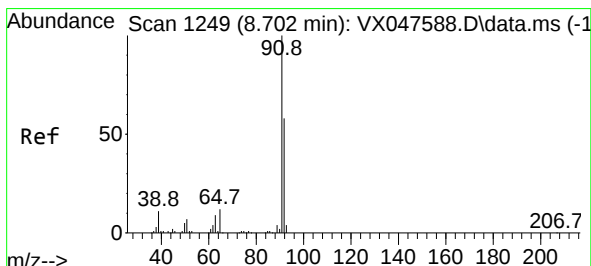
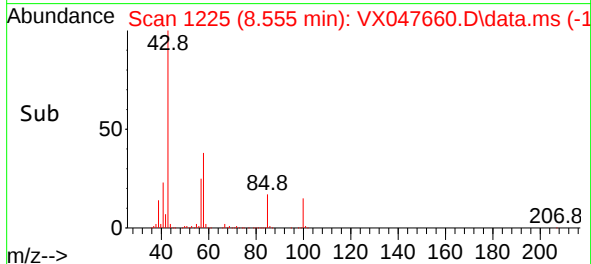
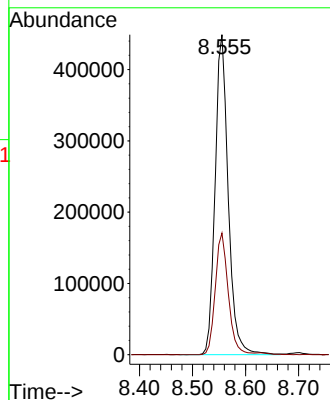
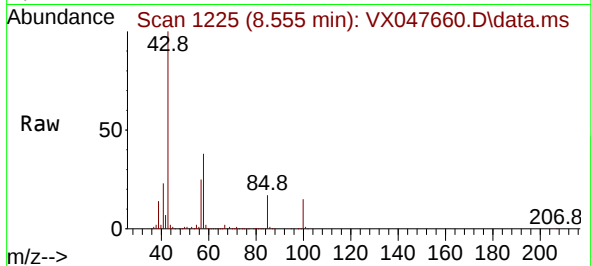




#51
4-Methyl-2-Pentanone
Concen: 263.992 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

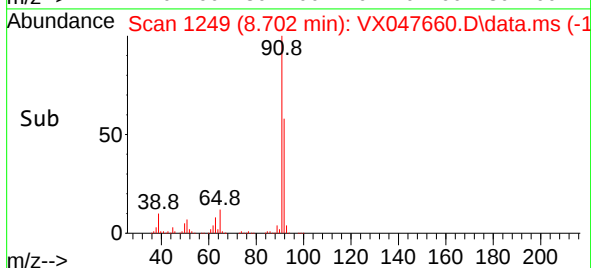
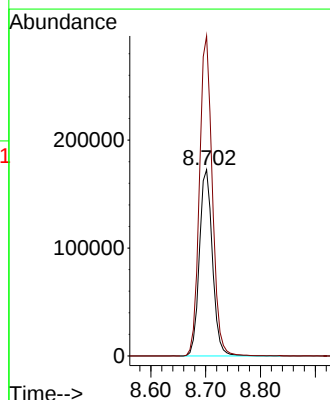
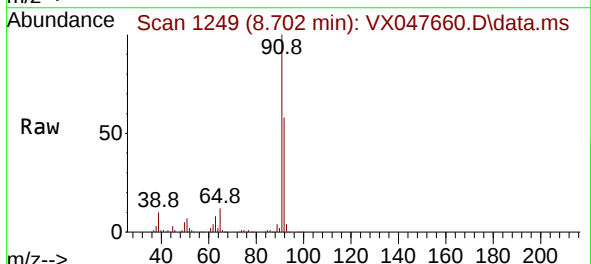
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

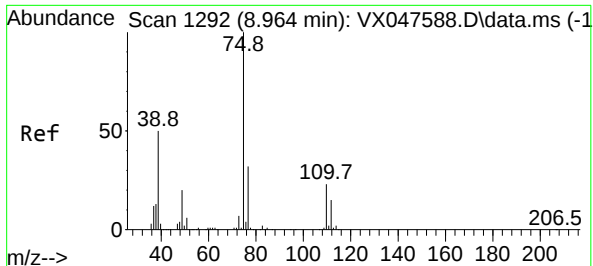
Tgt Ion: 43 Resp: 772605
Ion Ratio Lower Upper
43 100
58 37.6 30.3 45.5



#52
Toluene
Concen: 50.732 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

Tgt Ion: 92 Resp: 285358
Ion Ratio Lower Upper
92 100
91 169.5 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 51.420 ug/l

RT: 8.958 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

Instrument :

MSVOA_X

ClientSampleId :

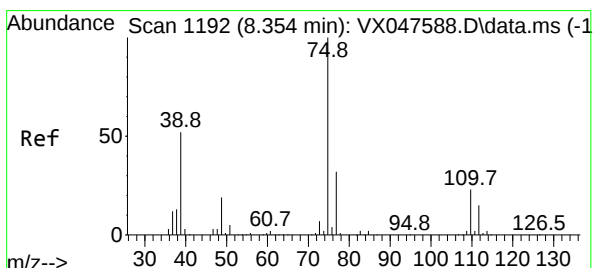
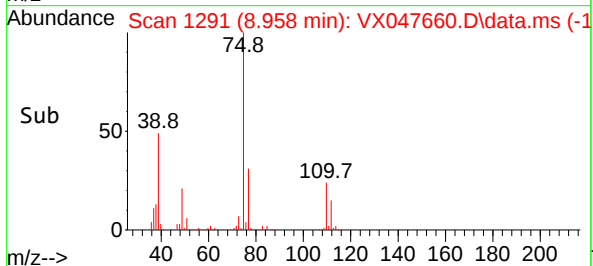
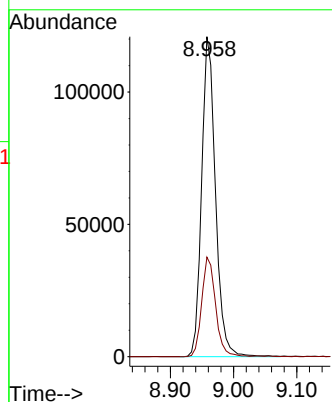
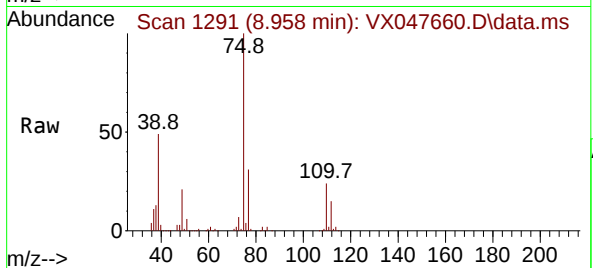
VSTDCCC050

Tgt Ion: 75 Resp: 184125

Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 51.767 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

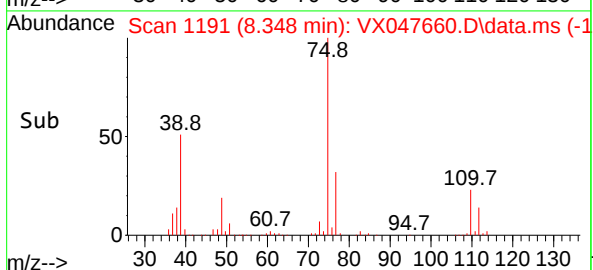
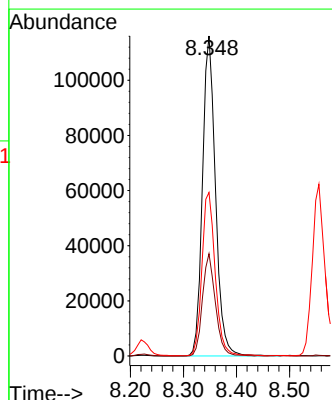
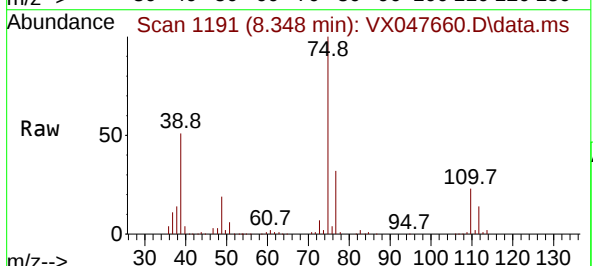
Tgt Ion: 75 Resp: 198129

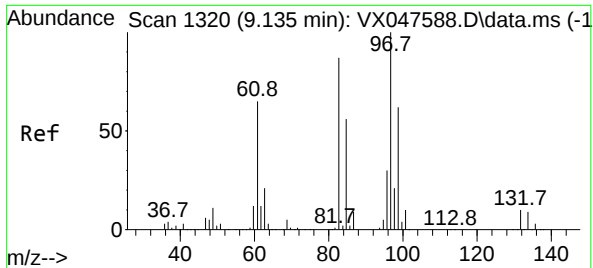
Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.6

39 51.0 41.4 62.2



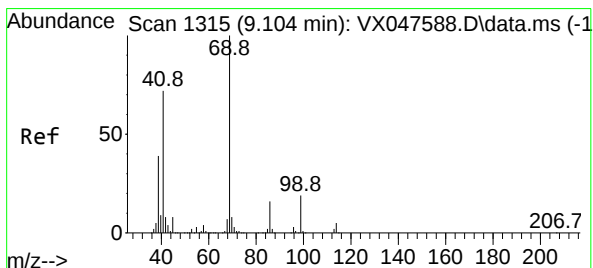
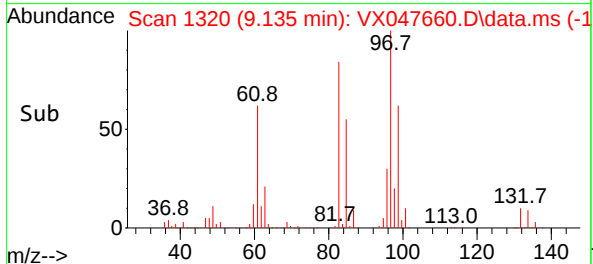
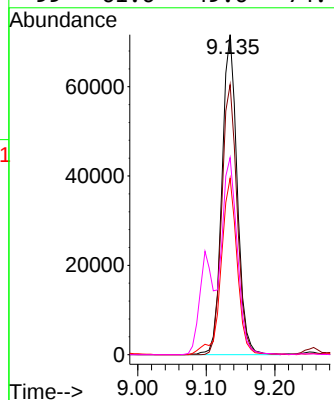
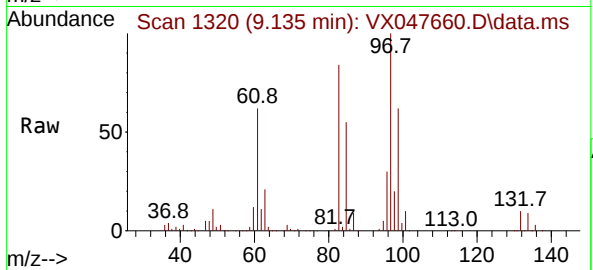


#55
1,1,2-Trichloroethane
Concen: 50.755 ug/l
RT: 9.135 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 110081

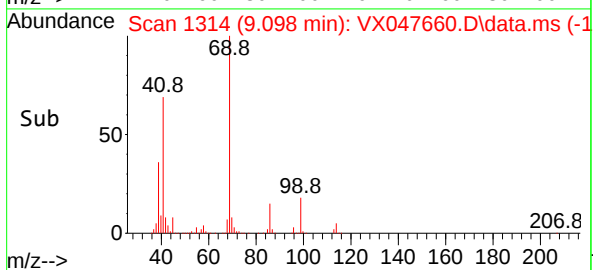
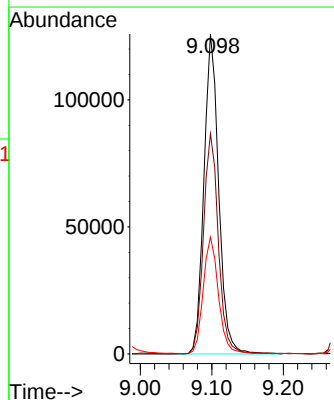
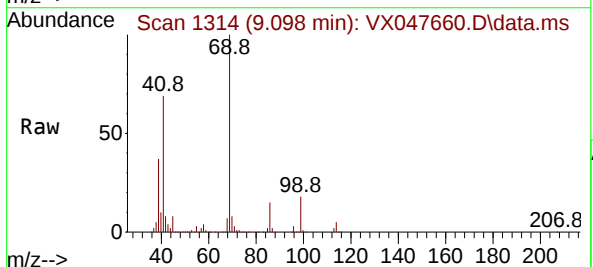
Ion	Ratio	Lower	Upper
97	100		
83	84.4	69.6	104.4
85	55.2	45.0	67.6
99	61.6	49.6	74.4

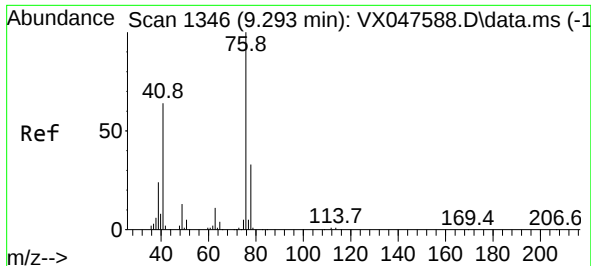


#56
Ethyl methacrylate
Concen: 53.155 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

Tgt Ion: 69 Resp: 181056

Ion	Ratio	Lower	Upper
69	100		
41	69.5	58.6	87.8
39	37.3	31.5	47.3

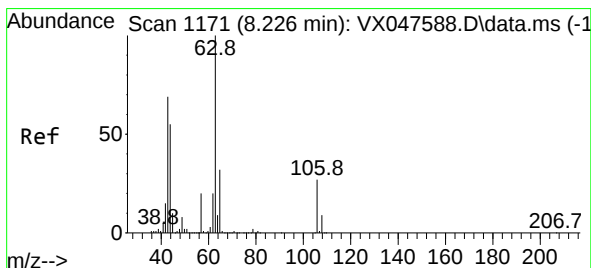
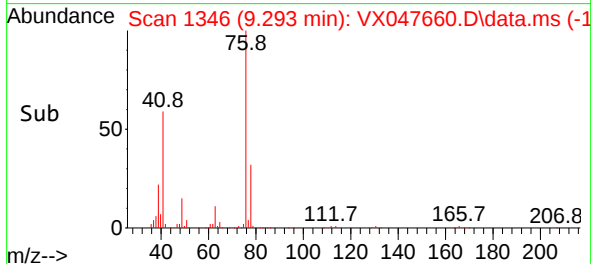
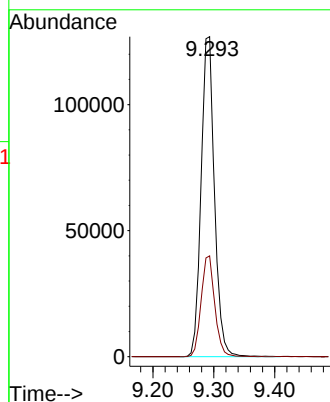
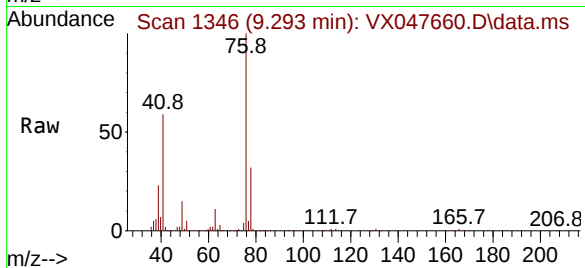




#57
1,3-Dichloropropane
Concen: 52.043 ug/l
RT: 9.293 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

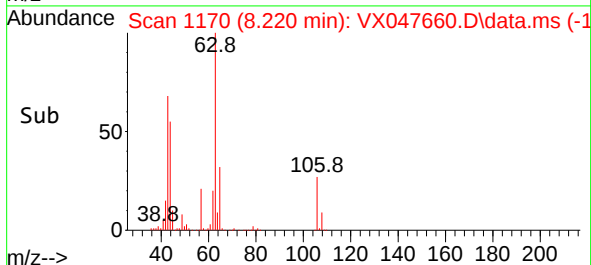
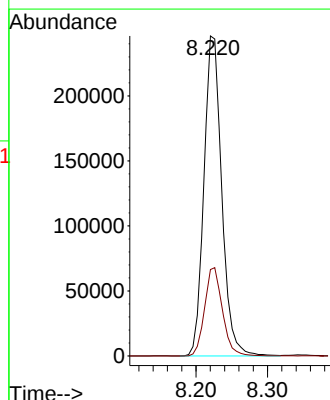
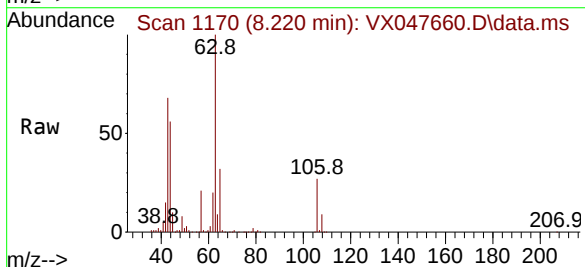
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

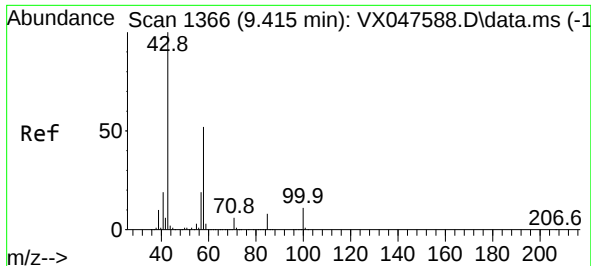
Tgt Ion: 76 Resp: 193901
Ion Ratio Lower Upper
76 100
78 32.1 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 261.332 ug/l
RT: 8.220 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

Tgt Ion: 63 Resp: 426594
Ion Ratio Lower Upper
63 100
106 27.6 21.9 32.9

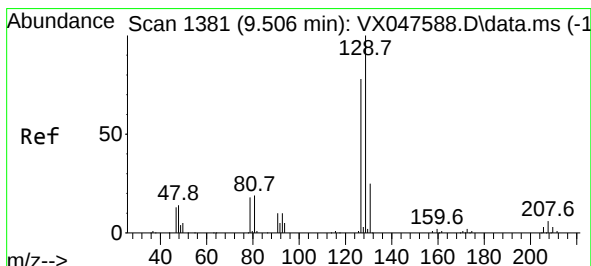
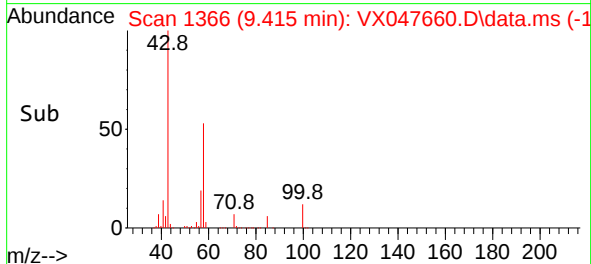
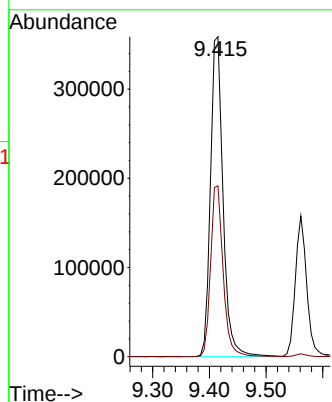
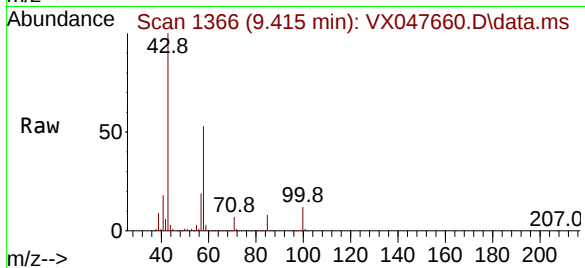




#59
2-Hexanone
Concen: 262.497 ug/l
RT: 9.415 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

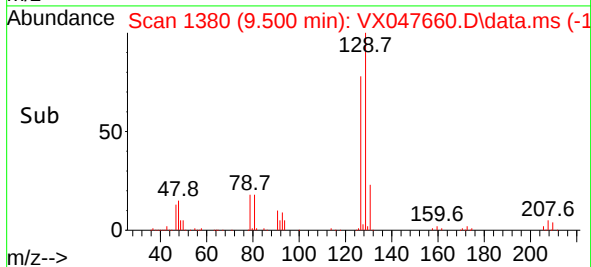
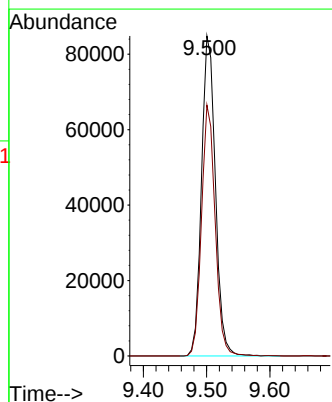
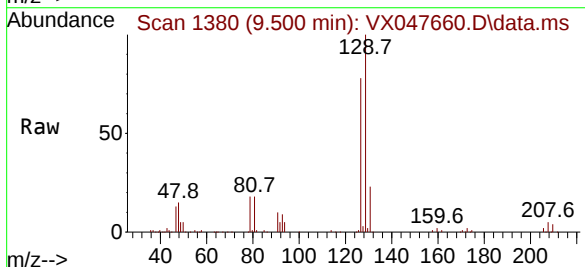
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

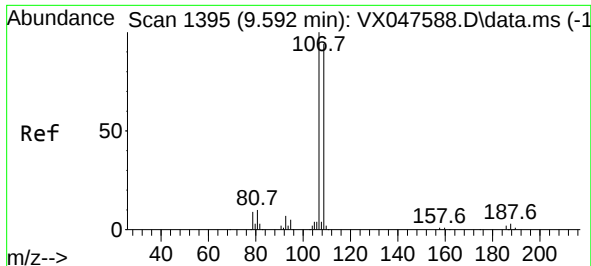
Tgt Ion: 43 Resp: 551745
Ion Ratio Lower Upper
43 100
58 53.3 26.1 78.2



#60
Dibromochloromethane
Concen: 51.934 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

Tgt Ion:129 Resp: 129786
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.2

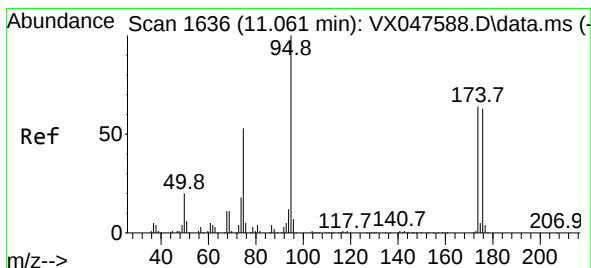
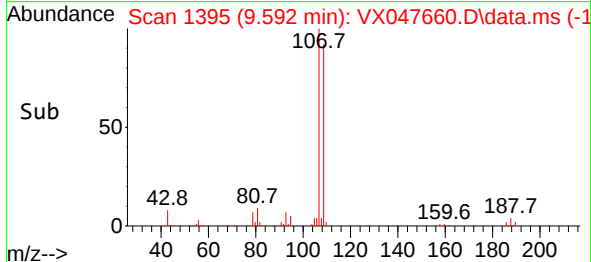
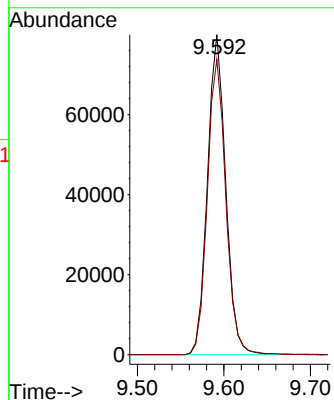
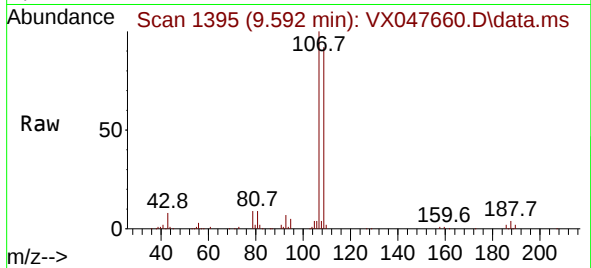




#61
1,2-Dibromoethane
Concen: 53.110 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

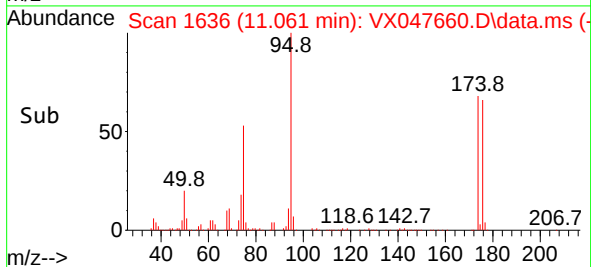
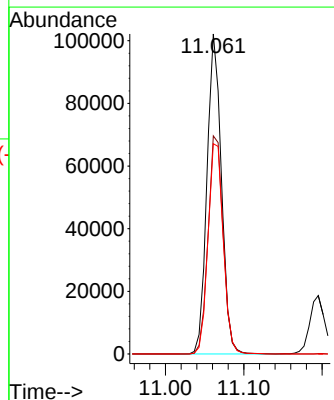
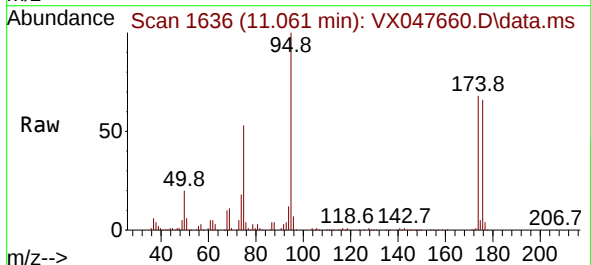
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

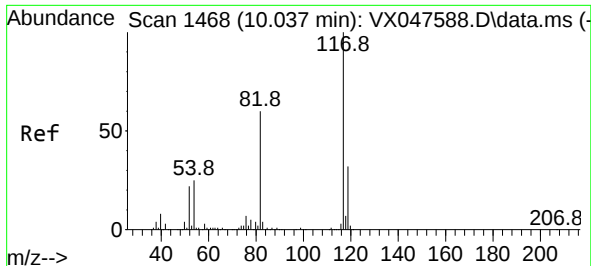
Tgt Ion:107 Resp: 117326
Ion Ratio Lower Upper
107 100
109 93.3 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 48.202 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

Tgt Ion: 95 Resp: 130212
Ion Ratio Lower Upper
95 100
174 71.4 0.0 141.6
176 69.3 0.0 138.4

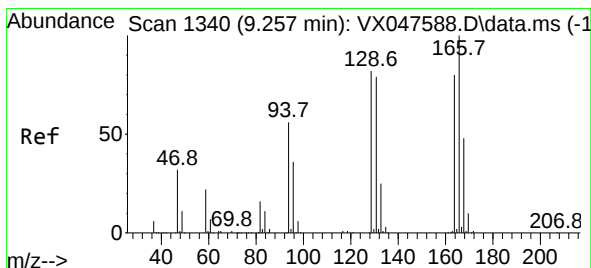
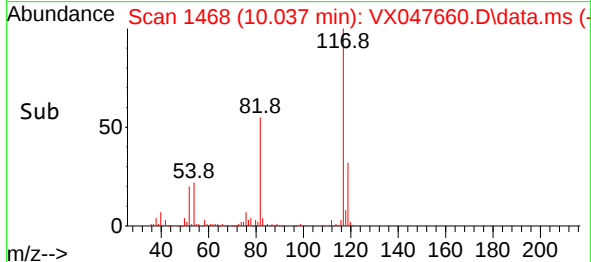
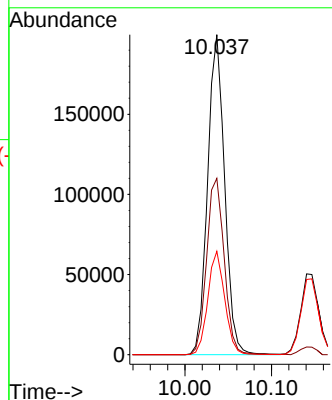
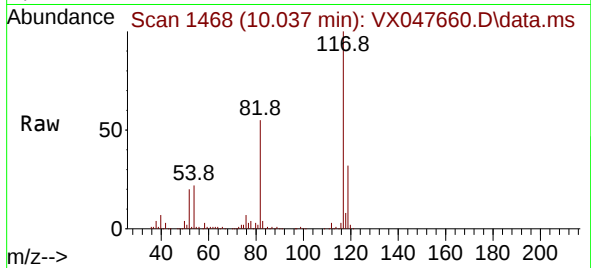




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

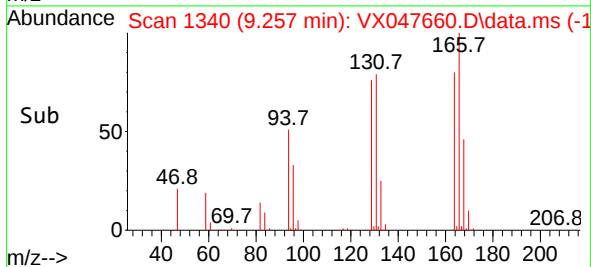
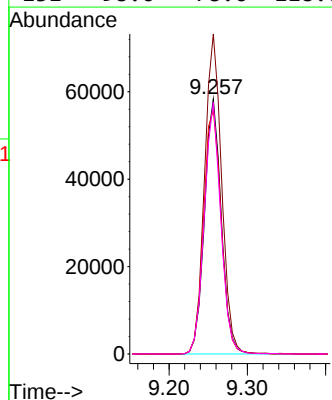
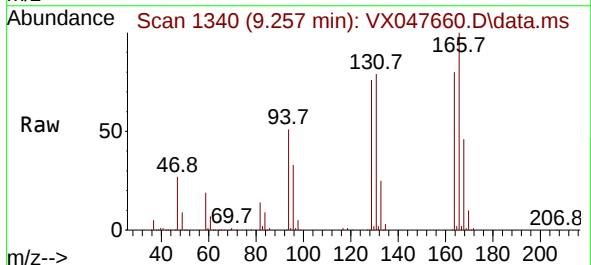
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

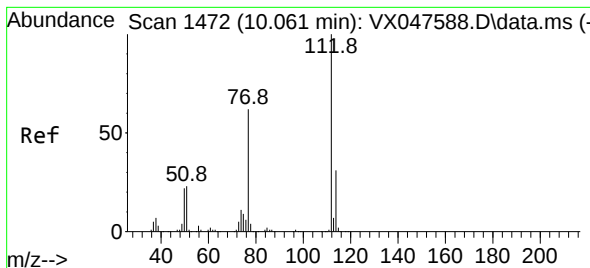
Tgt Ion:117 Resp: 272268
Ion Ratio Lower Upper
117 100
82 55.1 47.8 71.6
119 32.3 25.2 37.8



#64
Tetrachloroethene
Concen: 48.951 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

Tgt Ion:164 Resp: 86883
Ion Ratio Lower Upper
164 100
166 125.5 100.2 150.2
129 95.4 81.8 122.6
131 98.6 78.6 118.0





#65

Chlorobenzene

Concen: 49.899 ug/l

RT: 10.061 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

Instrument :

MSVOA_X

ClientSampleId :

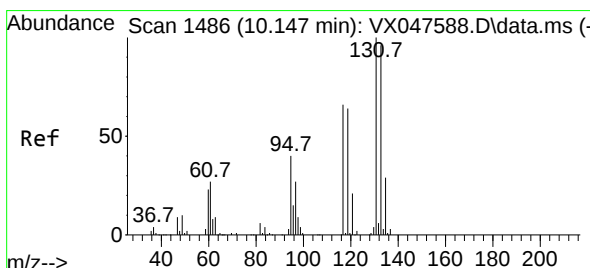
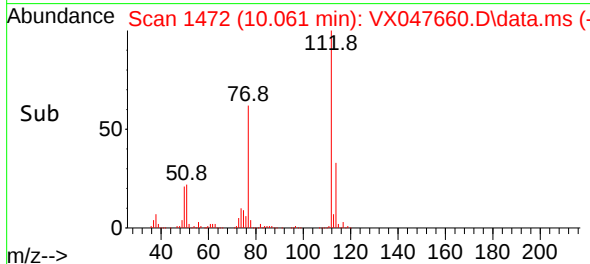
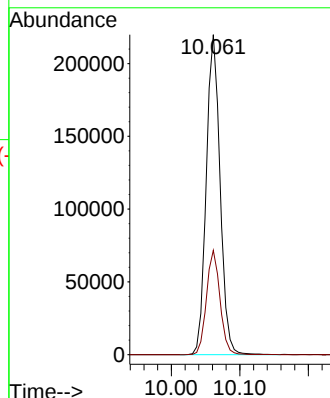
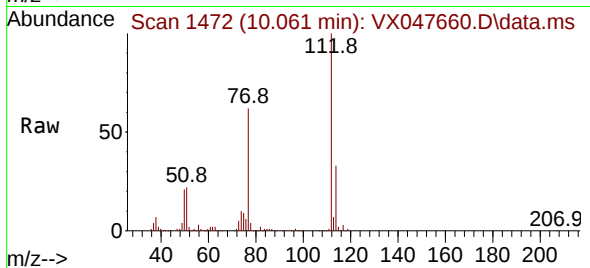
VSTDCCC050

Tgt Ion:112 Resp: 308645

Ion Ratio Lower Upper

112 100

114 32.6 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 50.145 ug/l

RT: 10.147 min Scan# 1486

Delta R.T. 0.000 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

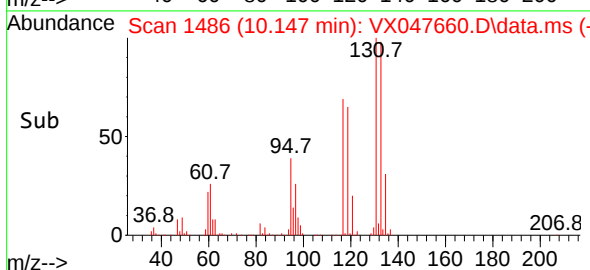
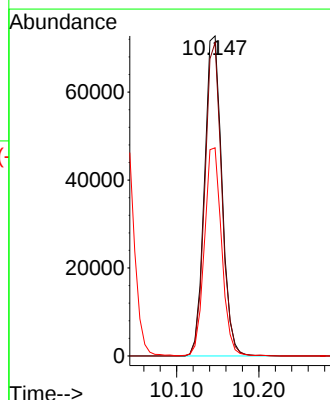
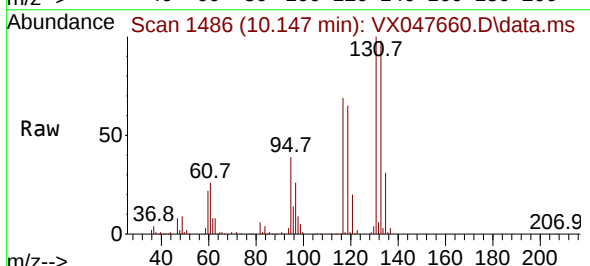
Tgt Ion:131 Resp: 107031

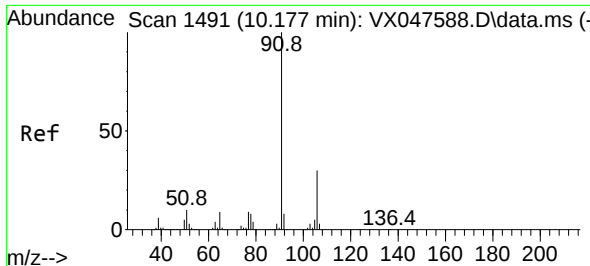
Ion Ratio Lower Upper

131 100

133 95.1 47.3 142.0

119 64.2 32.0 96.0





#67

Ethyl Benzene

Concen: 50.244 ug/l

RT: 10.177 min Scan# 14

Delta R.T. 0.000 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

Instrument :

MSVOA_X

ClientSampleId :

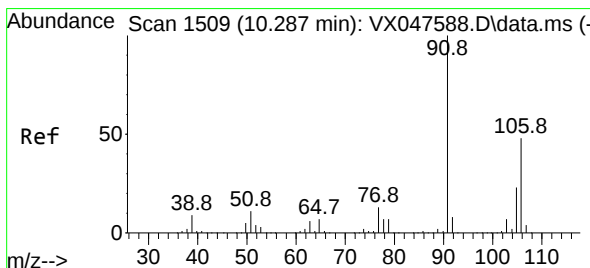
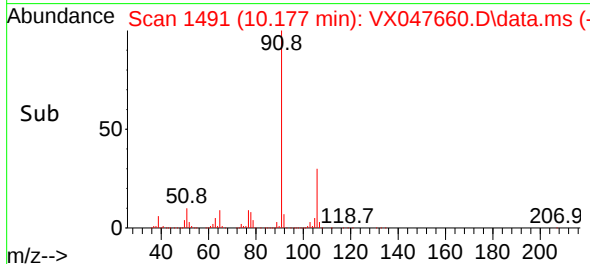
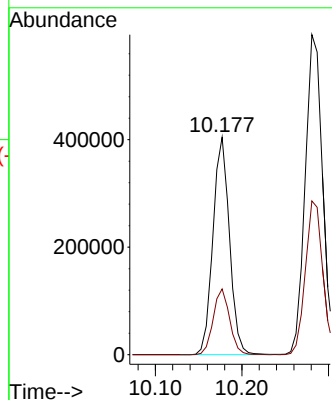
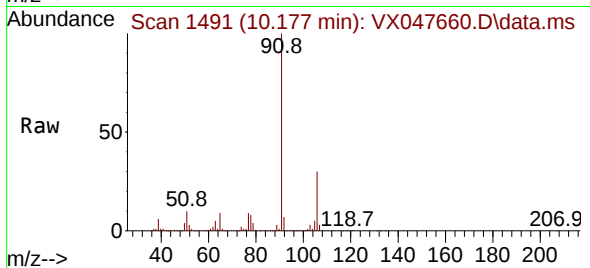
VSTDCCC050

Tgt Ion: 91 Resp: 536224

Ion Ratio Lower Upper

91 100

106 30.2 24.3 36.5



#68

m/p-Xylenes

Concen: 100.725 ug/l

RT: 10.281 min Scan# 1508

Delta R.T. -0.006 min

Lab File: VX047660.D

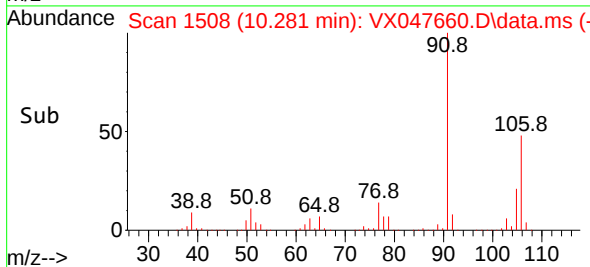
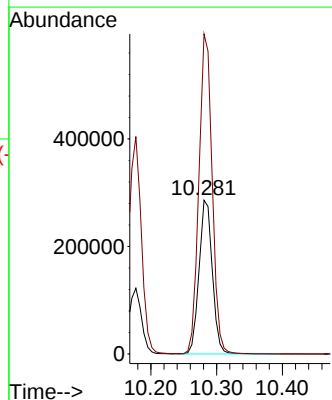
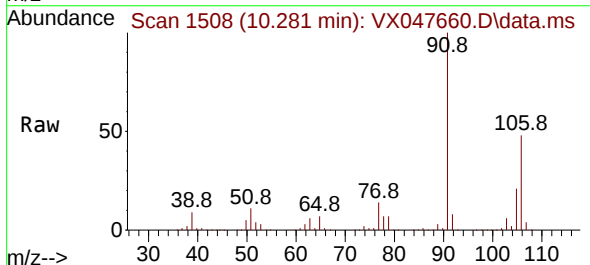
Acq: 19 Sep 2025 09:22

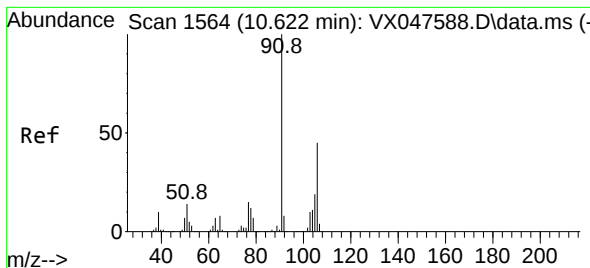
Tgt Ion:106 Resp: 400119

Ion Ratio Lower Upper

106 100

91 208.3 167.8 251.8





#69

o-Xylene

Concen: 50.618 ug/l

RT: 10.622 min Scan# 1564

Delta R.T. -0.000 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

Instrument :

MSVOA_X

ClientSampleId :

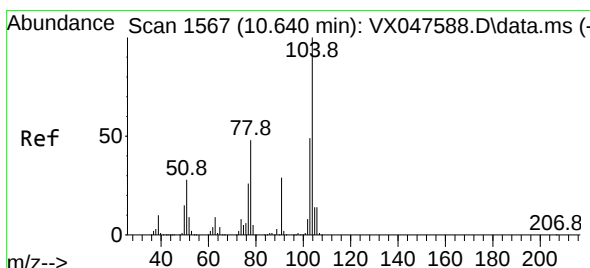
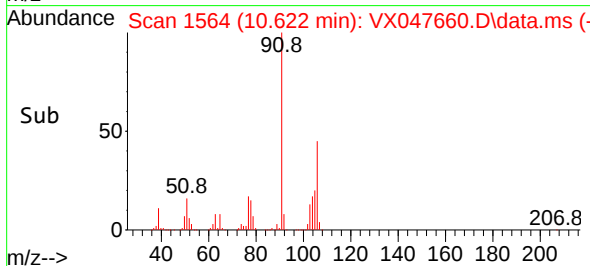
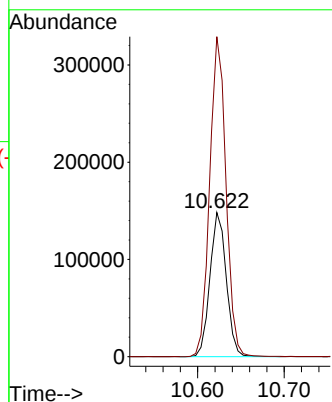
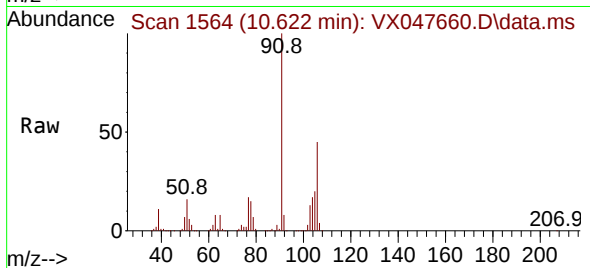
VSTDCCC050

Tgt Ion:106 Resp: 194487

Ion Ratio Lower Upper

106 100

91 220.8 111.1 333.4



#70

Styrene

Concen: 51.440 ug/l

RT: 10.634 min Scan# 1566

Delta R.T. -0.006 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

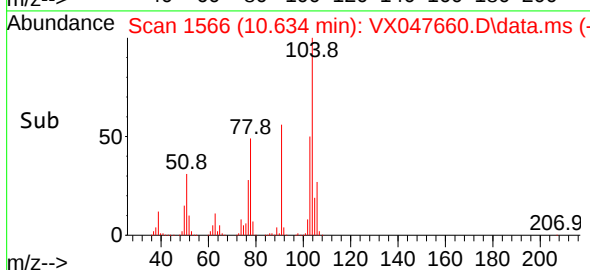
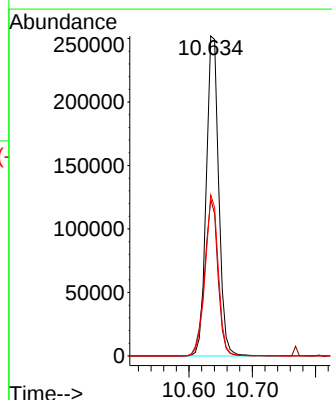
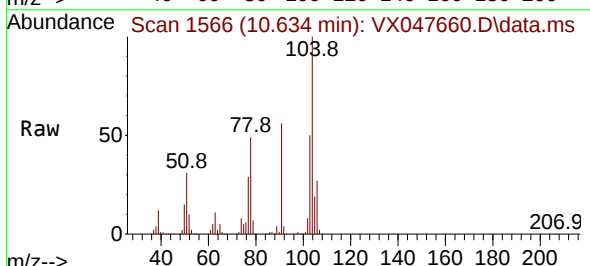
Tgt Ion:104 Resp: 346312

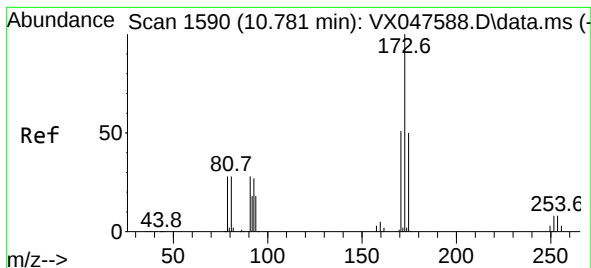
Ion Ratio Lower Upper

104 100

78 52.4 43.1 64.7

103 53.1 43.1 64.7





#71

Bromoform

Concen: 50.872 ug/l

RT: 10.781 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

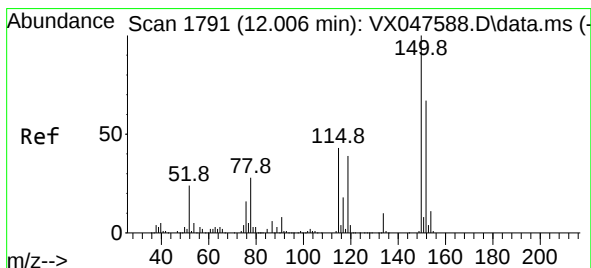
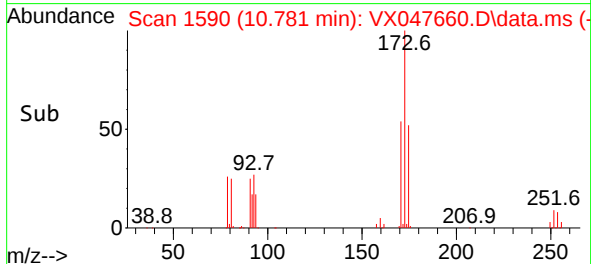
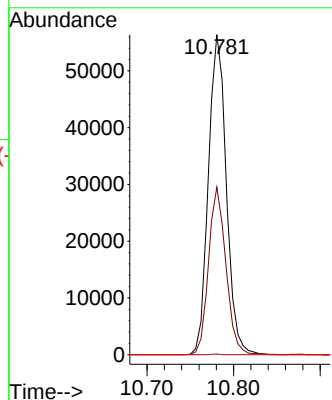
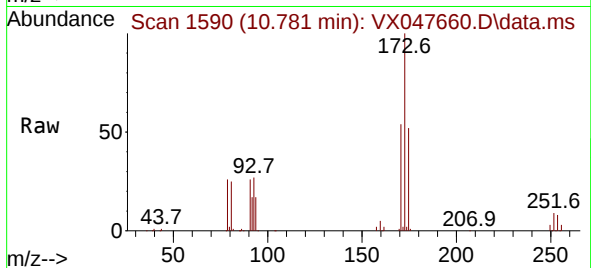
Tgt Ion:173 Resp: 81077

Ion Ratio Lower Upper

173 100

175 50.6 24.9 74.6

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

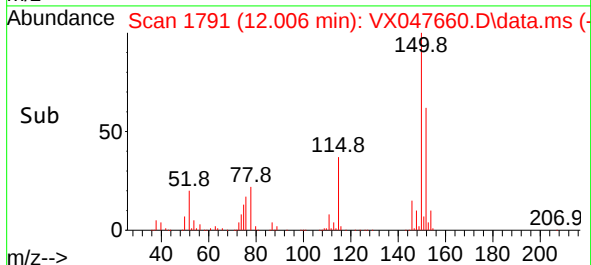
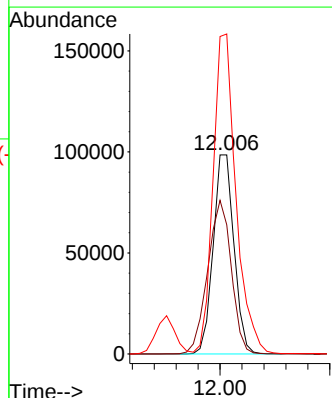
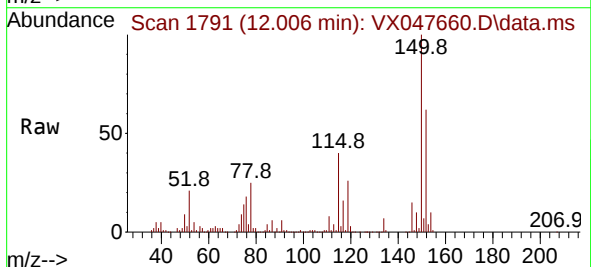
Tgt Ion:152 Resp: 129778

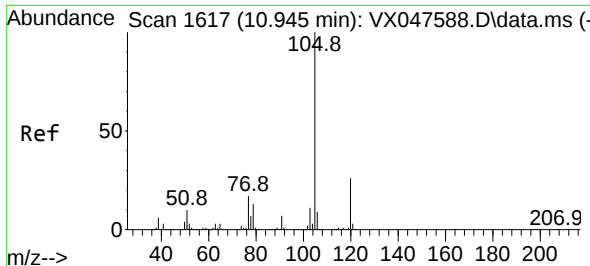
Ion Ratio Lower Upper

152 100

115 87.7 44.9 134.5

150 176.7 0.0 352.0

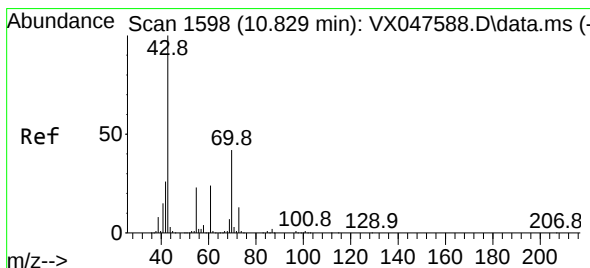
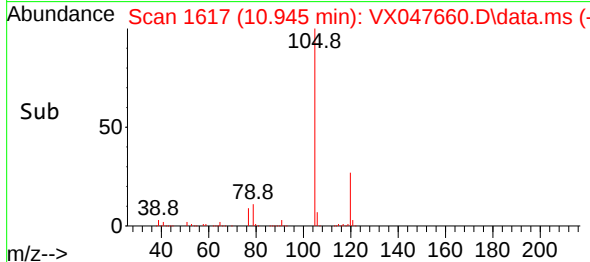
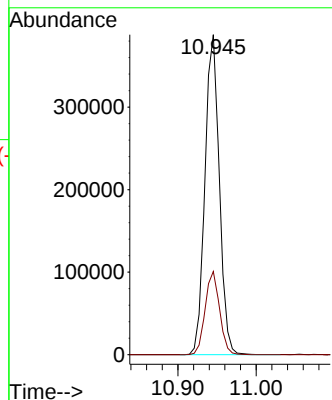
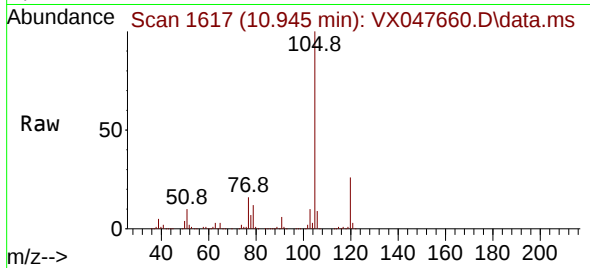




#73
Isopropylbenzene
Concen: 50.005 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

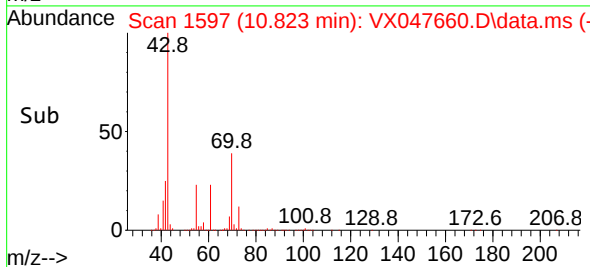
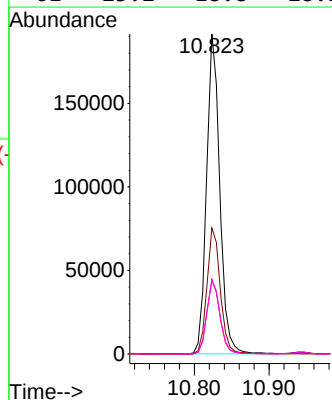
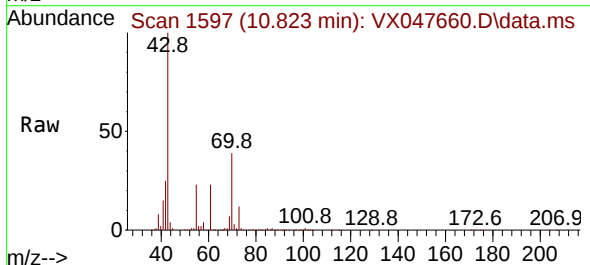
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

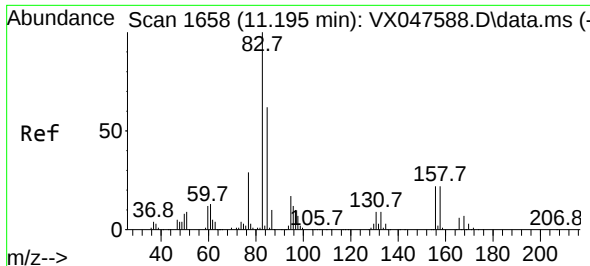
Tgt Ion:105 Resp: 493376
Ion Ratio Lower Upper
105 100
120 26.0 12.8 38.4



#74
N-ethyl acetate
Concen: 52.208 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

Tgt Ion: 43 Resp: 234901
Ion Ratio Lower Upper
43 100
70 40.1 32.0 48.0
55 23.3 18.9 28.3
61 23.2 18.8 28.2

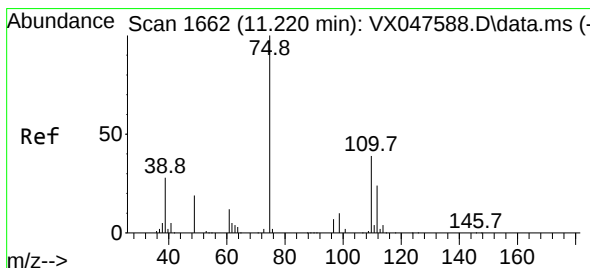
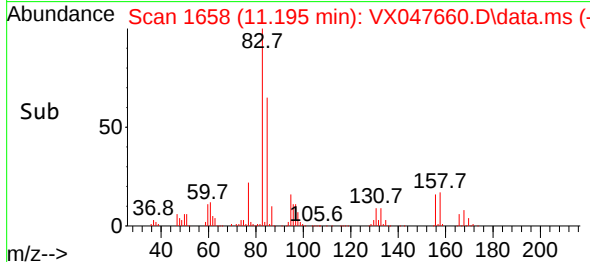
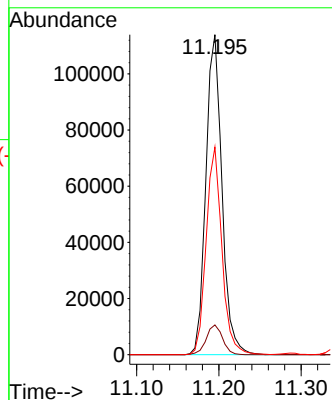
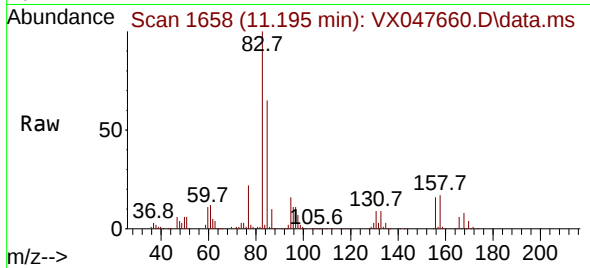




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.895 ug/l
 RT: 11.195 min Scan# 1658
 Delta R.T. -0.000 min
 Lab File: VX047660.D
 Acq: 19 Sep 2025 09:22

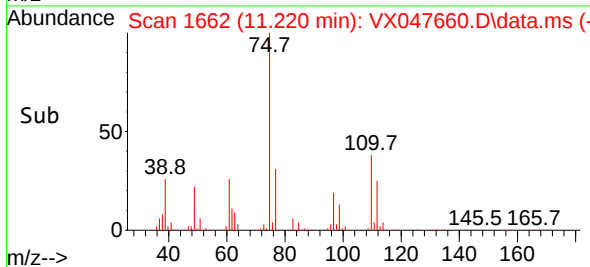
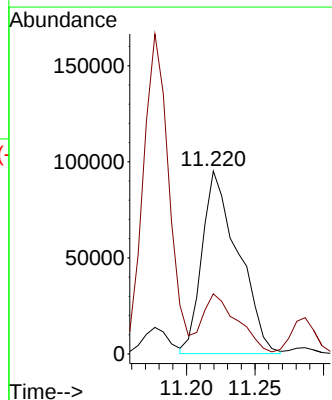
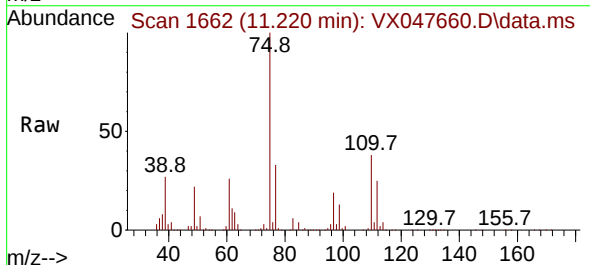
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

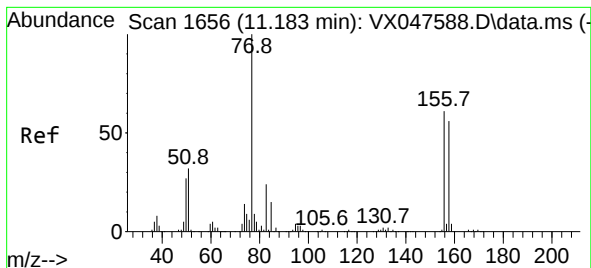
Tgt Ion: 83 Resp: 154912
 Ion Ratio Lower Upper
 83 100
 131 9.4 5.0 14.9
 85 63.6 31.6 95.0



#76
 1,2,3-Trichloropropane
 Concen: 66.263 ug/l
 RT: 11.220 min Scan# 1662
 Delta R.T. -0.000 min
 Lab File: VX047660.D
 Acq: 19 Sep 2025 09:22

Tgt Ion: 75 Resp: 174114
 Ion Ratio Lower Upper
 75 100
 77 32.5 18.8 56.4





#77

Bromobenzene

Concen: 50.172 ug/l

RT: 11.177 min Scan# 1655

Delta R.T. -0.006 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

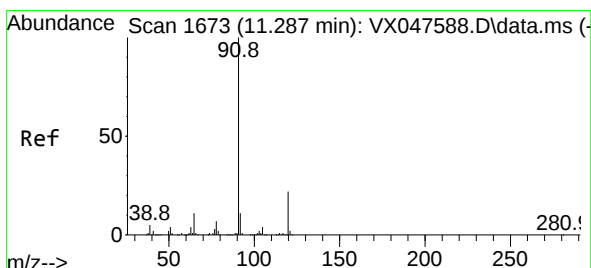
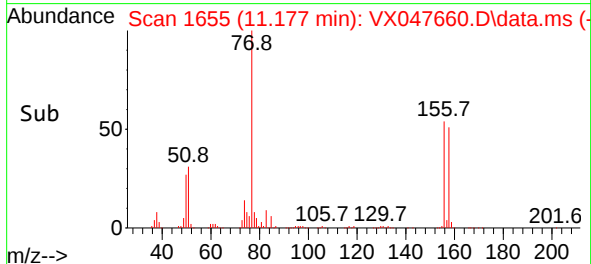
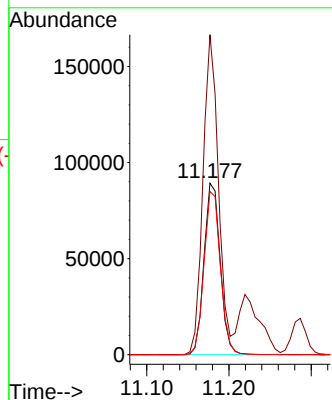
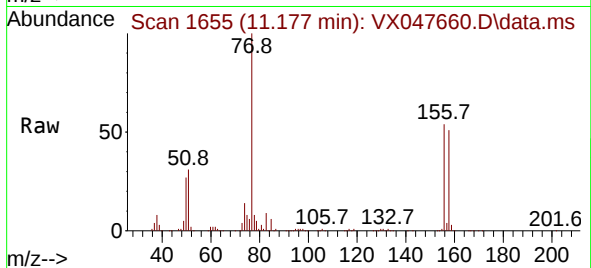
Tgt Ion:156 Resp: 121922

Ion Ratio Lower Upper

156 100

77 177.6 89.7 269.1

158 96.4 47.9 143.6



#78

n-propylbenzene

Concen: 50.018 ug/l

RT: 11.287 min Scan# 1673

Delta R.T. -0.000 min

Lab File: VX047660.D

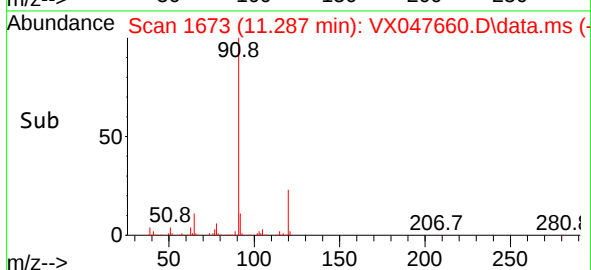
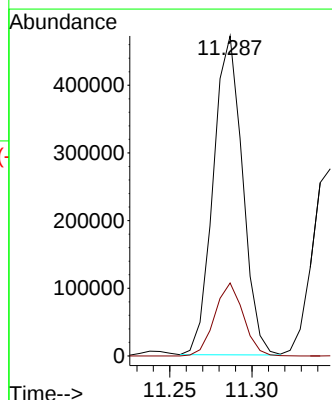
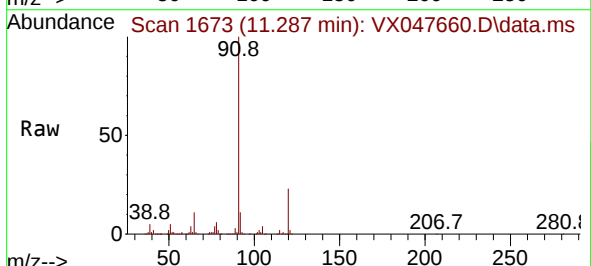
Acq: 19 Sep 2025 09:22

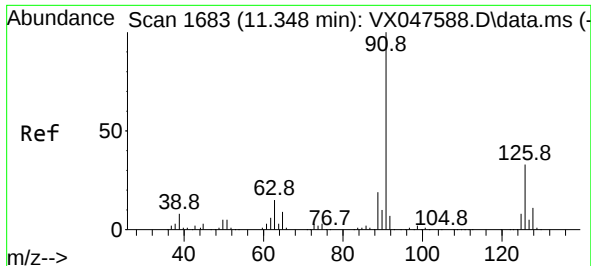
Tgt Ion: 91 Resp: 583388

Ion Ratio Lower Upper

91 100

120 22.4 11.1 33.1

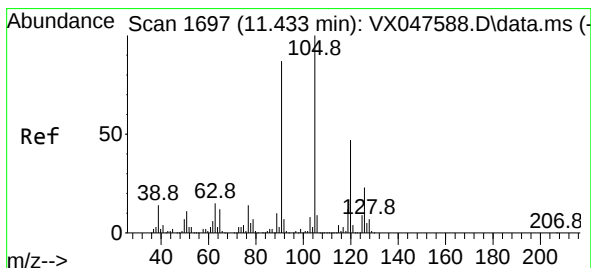
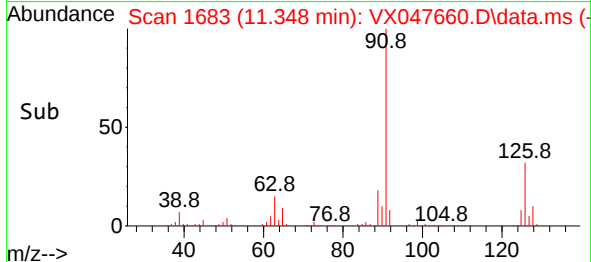
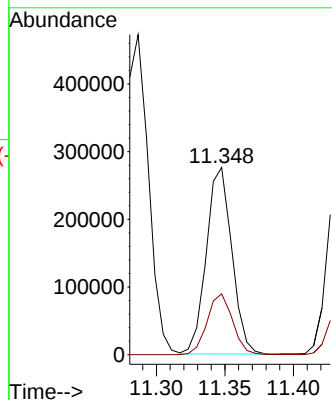
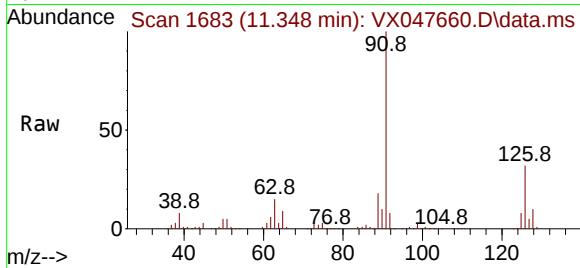




#79
2-Chlorotoluene
Concen: 49.875 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

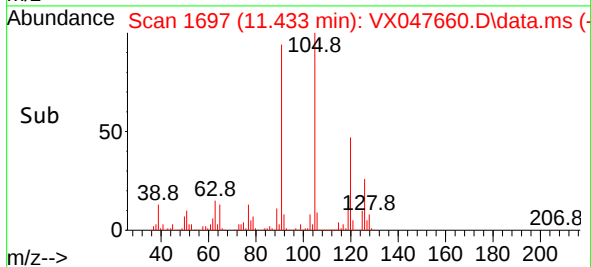
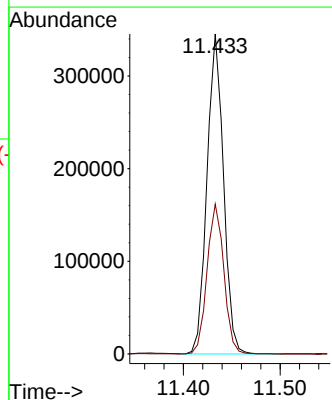
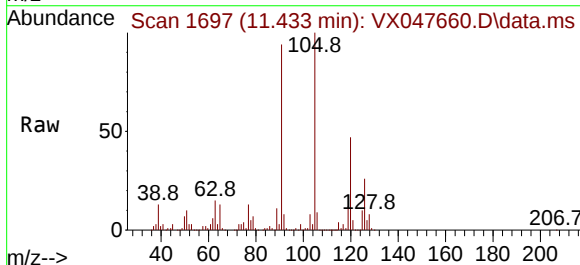
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

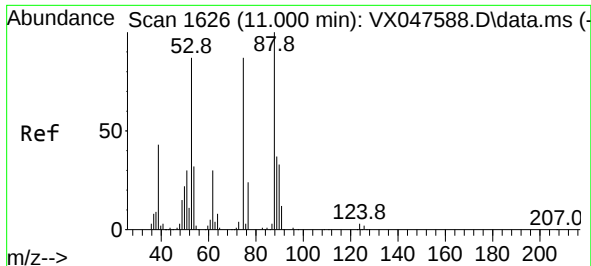
Tgt Ion: 91 Resp: 356287
Ion Ratio Lower Upper
91 100
126 32.5 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 50.523 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

Tgt Ion:105 Resp: 409554
Ion Ratio Lower Upper
105 100
120 47.7 23.6 70.8

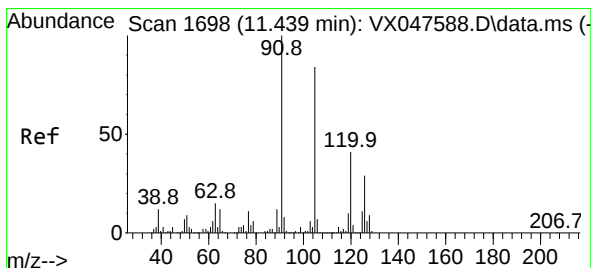
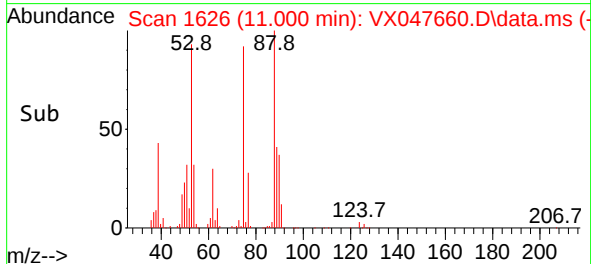
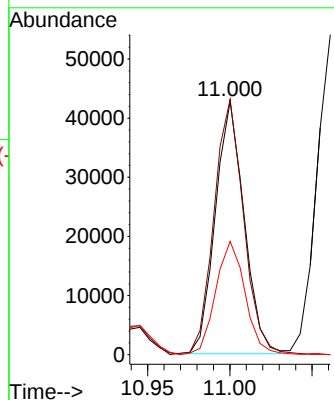
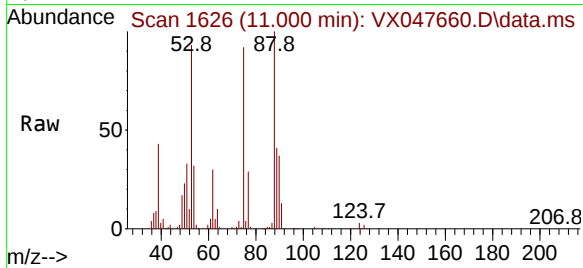




#81
trans-1,4-Dichloro-2-butene
Concen: 50.440 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

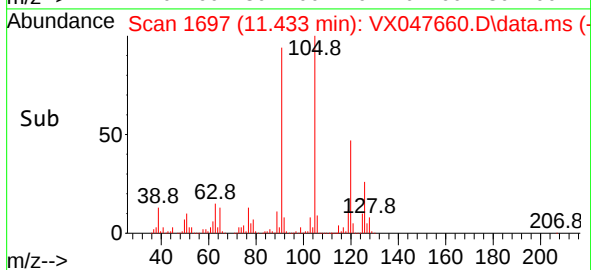
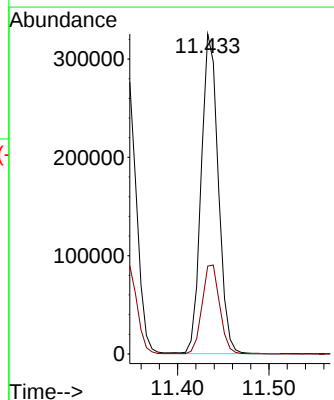
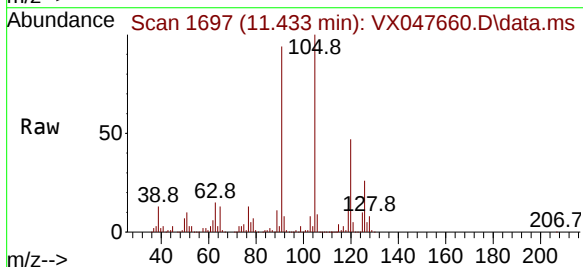
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

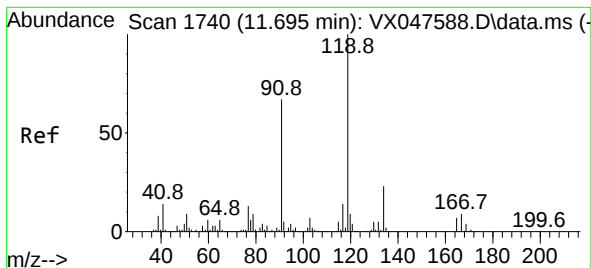
Tgt Ion: 75 Resp: 51972
Ion Ratio Lower Upper
75 100
53 104.6 83.4 125.2
89 46.1 36.3 54.5



#82
4-Chlorotoluene
Concen: 49.932 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

Tgt Ion: 91 Resp: 421274
Ion Ratio Lower Upper
91 100
126 28.8 14.2 42.6





#83

tert-Butylbenzene

Concen: 48.196 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. -0.000 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

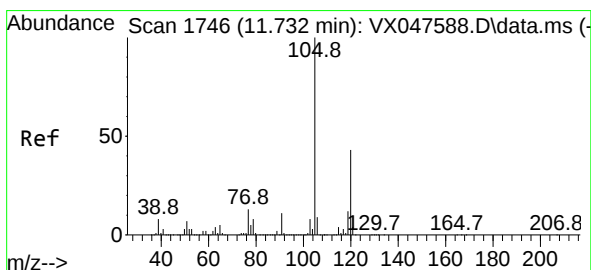
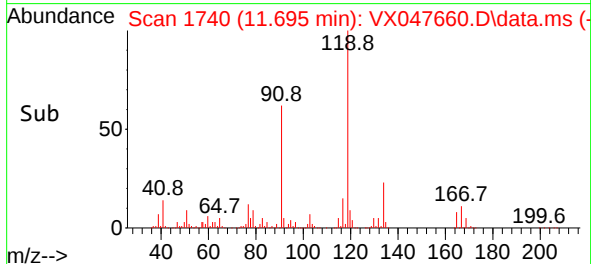
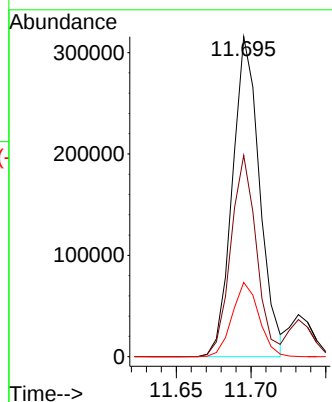
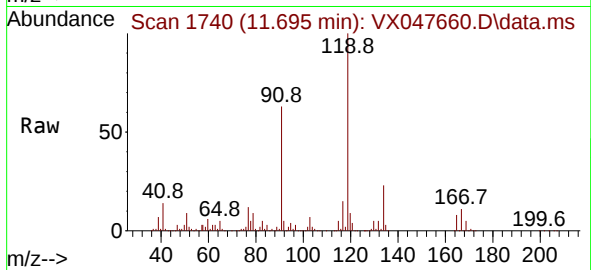
Tgt Ion:119 Resp: 399938

Ion Ratio Lower Upper

119 100

91 59.6 29.6 88.8

134 22.8 11.0 33.0



#84

1,2,4-Trimethylbenzene

Concen: 50.508 ug/l

RT: 11.732 min Scan# 1746

Delta R.T. 0.000 min

Lab File: VX047660.D

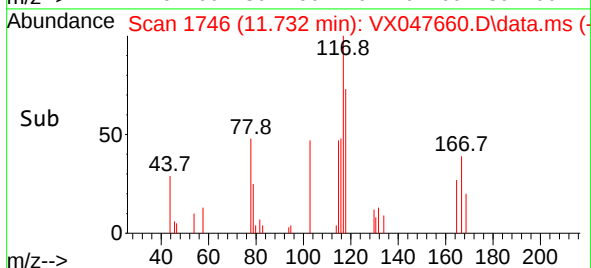
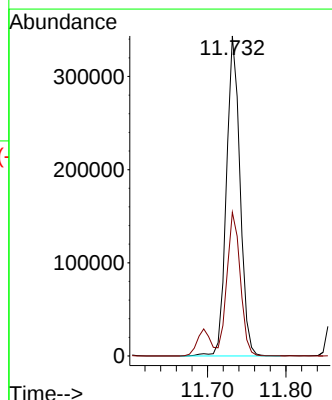
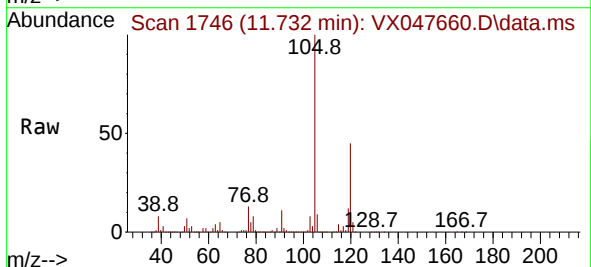
Acq: 19 Sep 2025 09:22

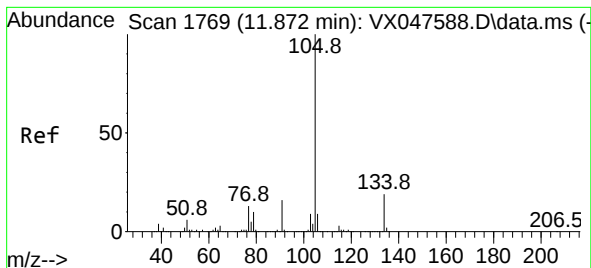
Tgt Ion:105 Resp: 415095

Ion Ratio Lower Upper

105 100

120 43.8 22.1 66.1





#85

sec-Butylbenzene

Concen: 49.622 ug/l

RT: 11.872 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

Instrument :

MSVOA_X

ClientSampleId :

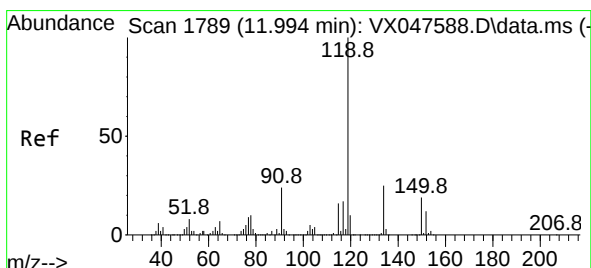
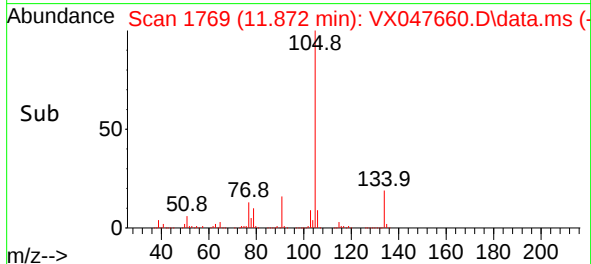
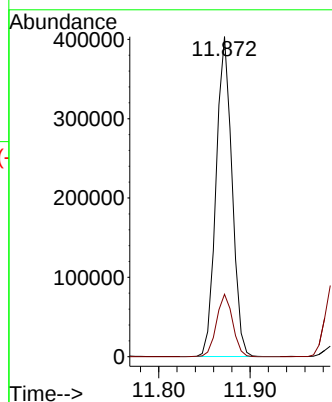
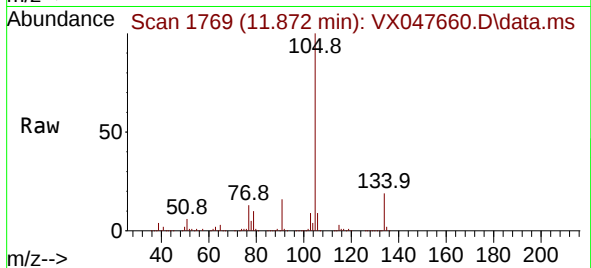
VSTDCCC050

Tgt Ion:105 Resp: 489102

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.5



#86

p-Isopropyltoluene

Concen: 49.757 ug/l

RT: 11.988 min Scan# 1788

Delta R.T. -0.006 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

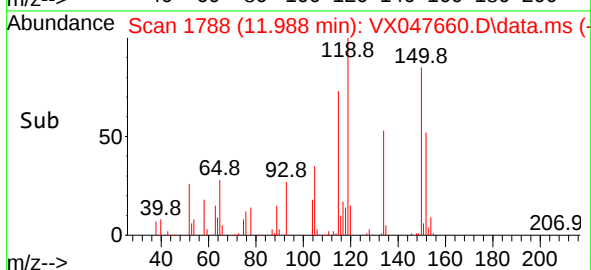
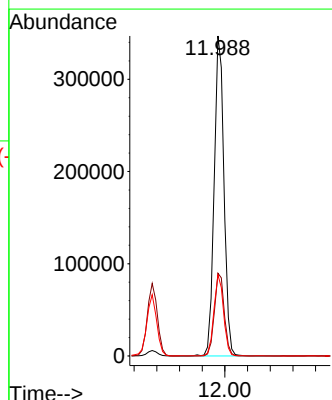
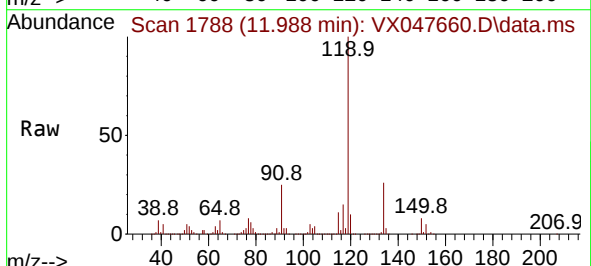
Tgt Ion:119 Resp: 415198

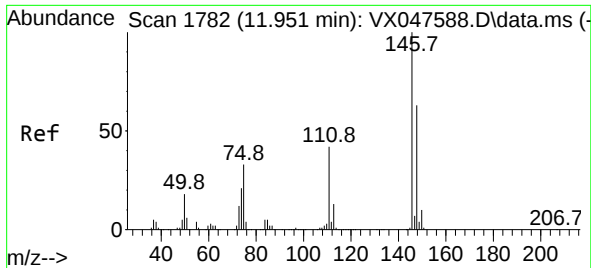
Ion Ratio Lower Upper

119 100

134 26.1 12.6 37.8

91 25.0 12.6 37.6

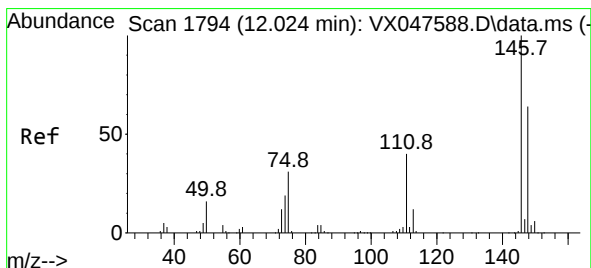
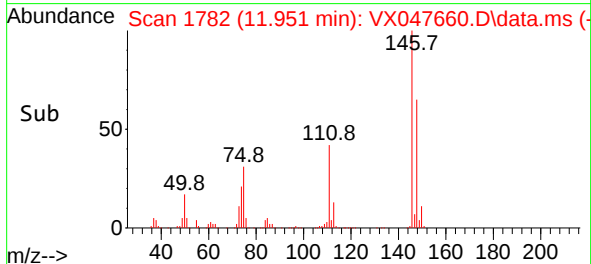
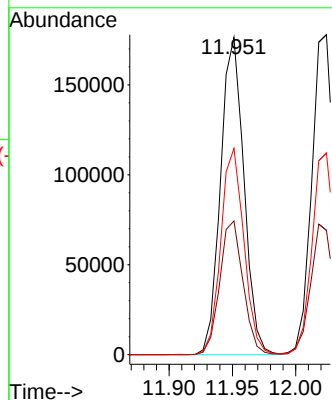
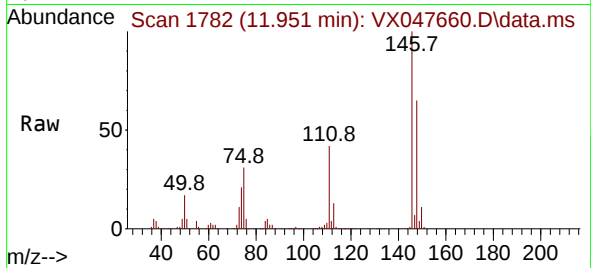




#87
1,3-Dichlorobenzene
Concen: 50.139 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

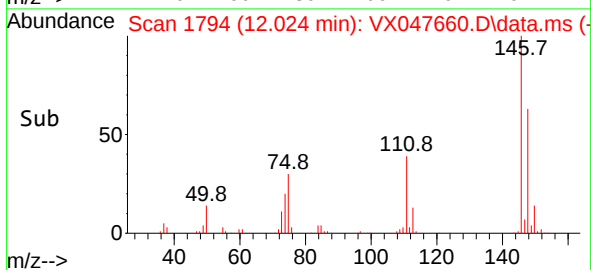
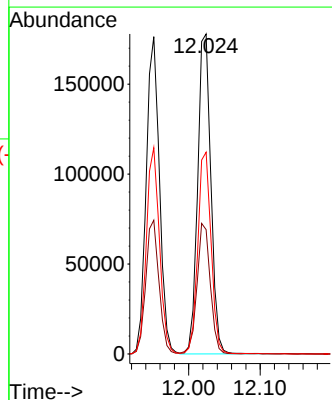
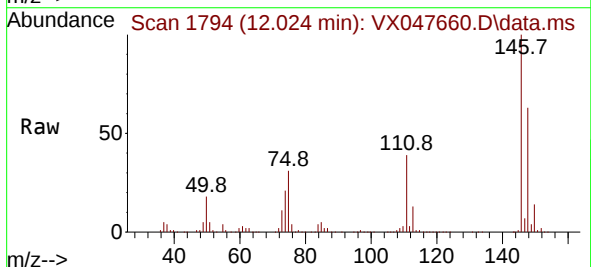
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

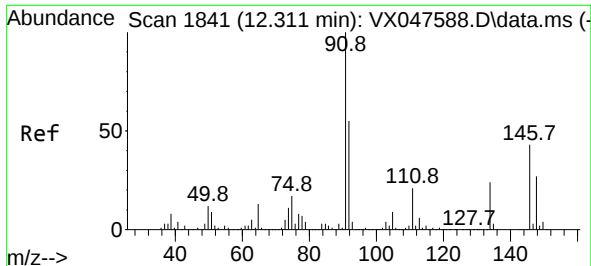
Tgt Ion:146 Resp: 226308
Ion Ratio Lower Upper
146 100
111 42.2 21.5 64.5
148 64.3 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 49.138 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

Tgt Ion:146 Resp: 227633
Ion Ratio Lower Upper
146 100
111 40.9 20.8 62.4
148 63.1 31.7 95.1





#89

n-Butylbenzene

Concen: 50.022 ug/l

RT: 12.311 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

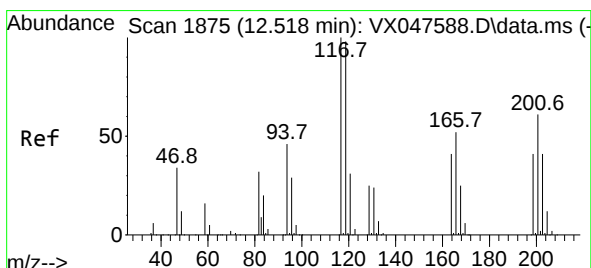
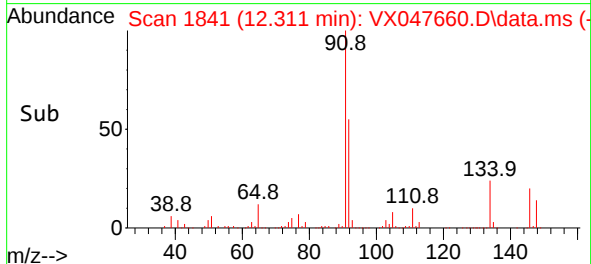
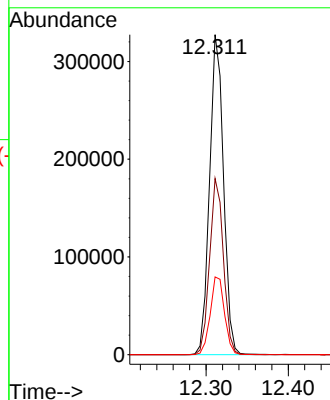
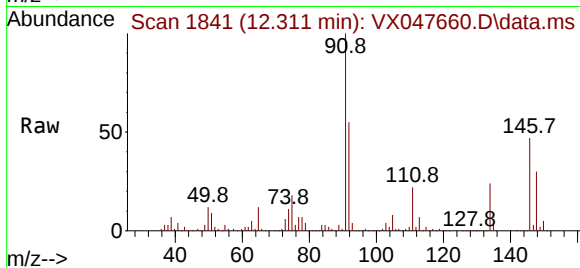
Tgt Ion: 91 Resp: 386234

Ion Ratio Lower Upper

91 100

92 54.5 27.6 82.7

134 24.9 12.6 37.8



#90

Hexachloroethane

Concen: 49.913 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX047660.D

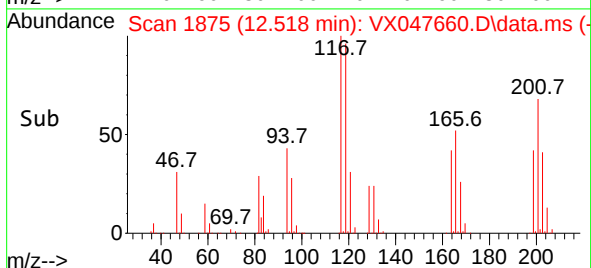
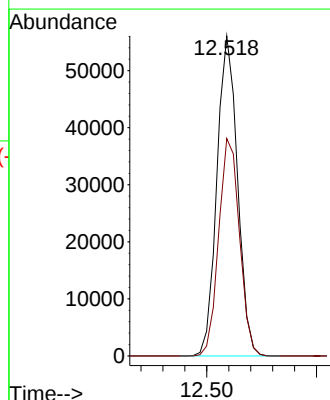
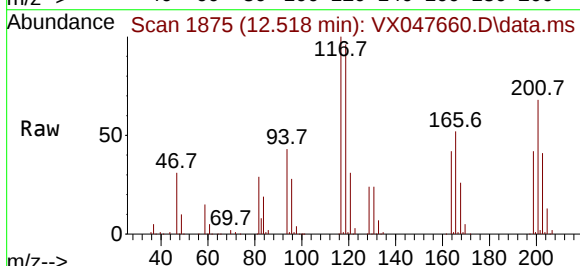
Acq: 19 Sep 2025 09:22

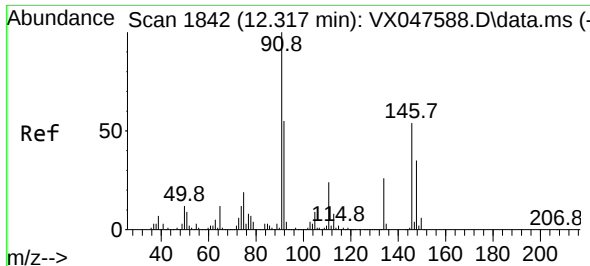
Tgt Ion: 117 Resp: 73125

Ion Ratio Lower Upper

117 100

201 68.7 34.2 102.5

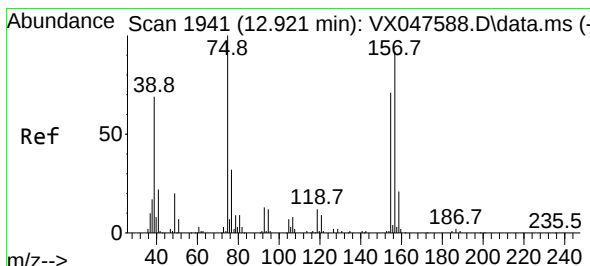
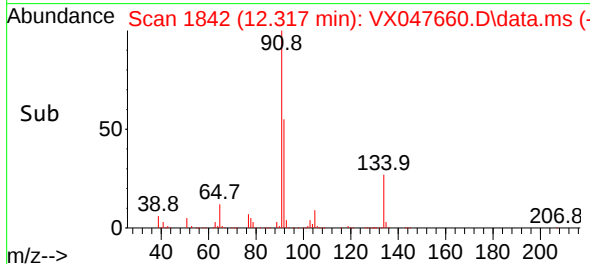
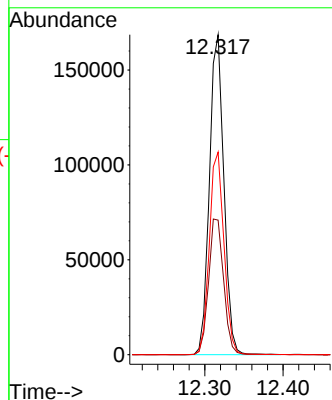
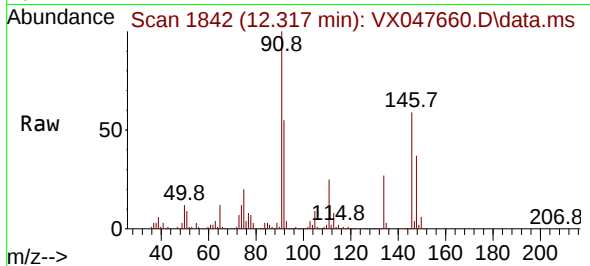




#91
1,2-Dichlorobenzene
Concen: 50.084 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

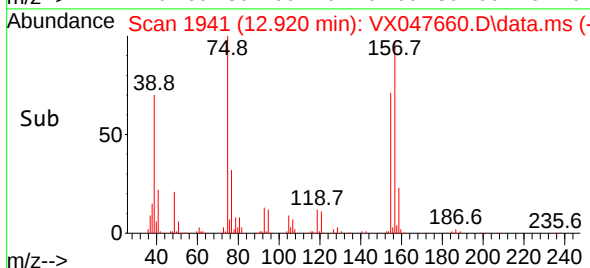
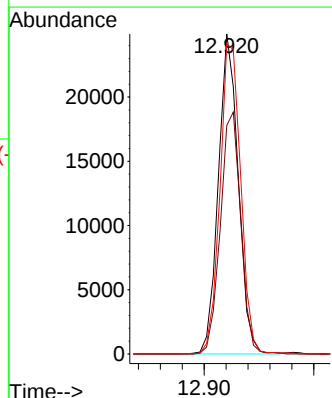
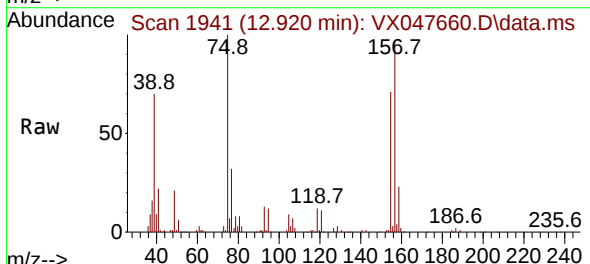
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

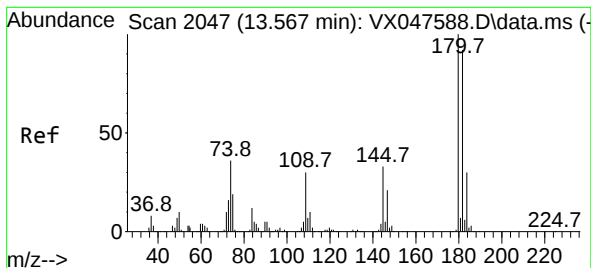
Tgt Ion:146 Resp: 215367
Ion Ratio Lower Upper
146 100
111 44.3 22.2 66.6
148 64.2 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.864 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047660.D
Acq: 19 Sep 2025 09:22

Tgt Ion: 75 Resp: 31345
Ion Ratio Lower Upper
75 100
155 77.8 37.7 113.1
157 101.7 49.8 149.4





#93

1,2,4-Trichlorobenzene

Concen: 50.643 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

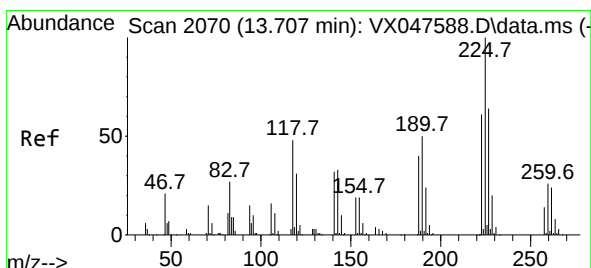
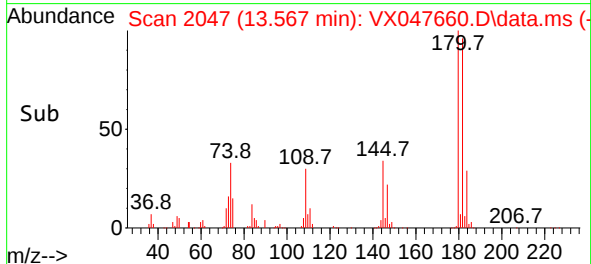
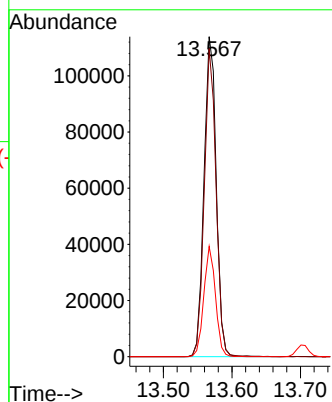
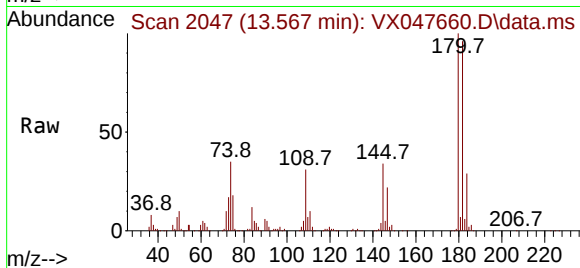
Tgt Ion:180 Resp: 141532

Ion Ratio Lower Upper

180 100

182 92.9 46.6 139.8

145 32.9 16.4 49.1



#94

Hexachlorobutadiene

Concen: 49.957 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. -0.000 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

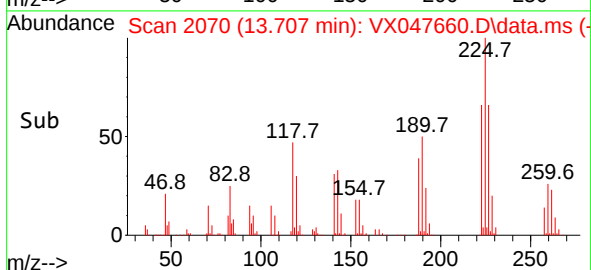
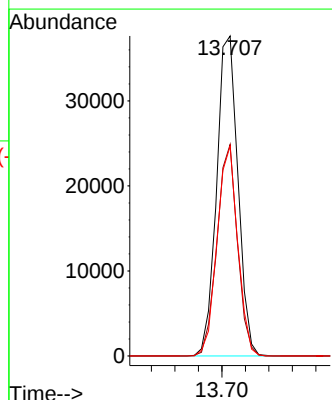
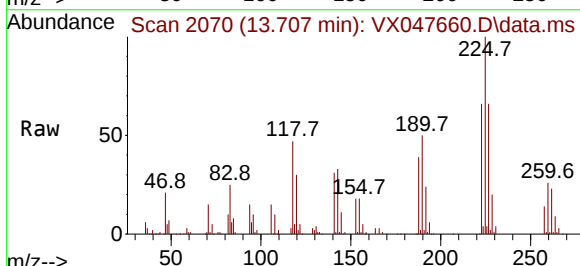
Tgt Ion:225 Resp: 47423

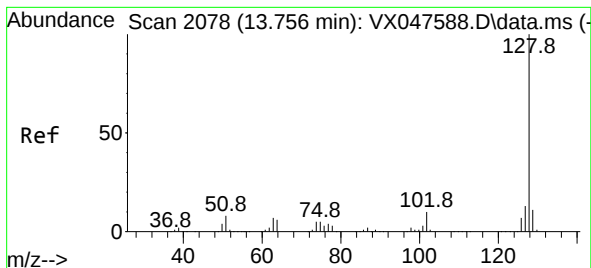
Ion Ratio Lower Upper

225 100

223 63.3 31.7 95.1

227 63.3 32.0 96.0





#95

Naphthalene

Concen: 50.373 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. -0.000 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

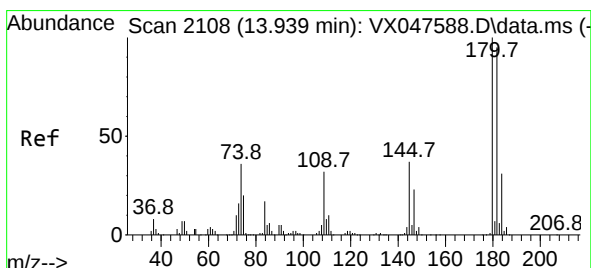
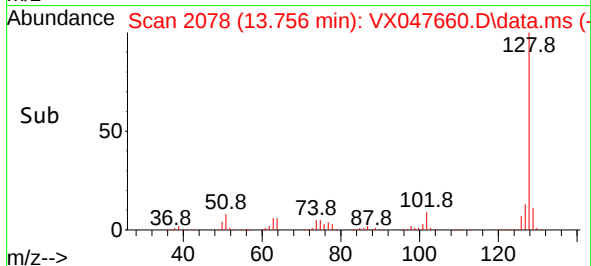
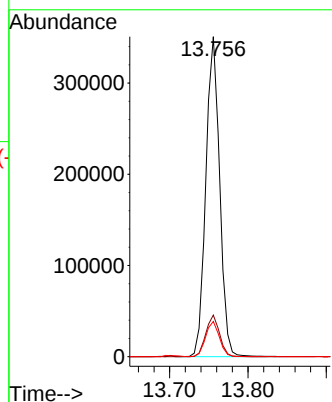
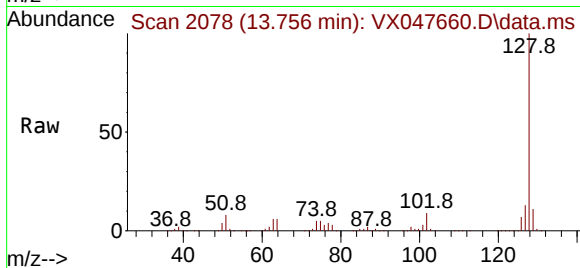
Tgt Ion:128 Resp: 428676

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 51.304 ug/l

RT: 13.939 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VX047660.D

Acq: 19 Sep 2025 09:22

Tgt Ion:180 Resp: 133374

Ion Ratio Lower Upper

180 100

182 95.7 47.6 142.8

145 34.3 17.9 53.7

