

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082925\
 Data File : VX047569.D
 Acq On : 29 Aug 2025 15:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 29 23:55:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 29 02:31:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	226081	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	399322	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	359519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	173452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	173458	49.962	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.920%
35) Dibromofluoromethane	5.385	113	136230	49.706	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.420%
50) Toluene-d8	8.646	98	470585	48.986	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.980%
62) 4-Bromofluorobenzene	11.079	95	177581	49.205	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.184	85	116303	46.975	ug/l	99
3) Chloromethane	1.312	50	127582	47.181	ug/l	94
4) Vinyl Chloride	1.392	62	153335	48.239	ug/l	99
5) Bromomethane	1.623	94	69889	50.833	ug/l	95
6) Chloroethane	1.703	64	94743	46.913	ug/l	97
7) Trichlorofluoromethane	1.904	101	217287	48.061	ug/l	96
8) Diethyl Ether	2.148	74	90535	50.470	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.343	101	126104	46.835	ug/l	98
10) Methyl Iodide	2.465	142	182971	41.052	ug/l	99
11) Tert butyl alcohol	2.958	59	72134	226.048	ug/l	98
12) 1,1-Dichloroethene	2.337	96	139038	48.698	ug/l	93
13) Acrolein	2.245	56	148657	232.388	ug/l	100
14) Allyl chloride	2.678	41	252576	48.290	ug/l	100
15) Acrylonitrile	3.074	53	349185	244.535	ug/l	100
16) Acetone	2.391	43	289568	210.597	ug/l	99
17) Carbon Disulfide	2.526	76	393476	46.347	ug/l	98
18) Methyl Acetate	2.708	43	164413	48.501	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	453735	48.688	ug/l	100
20) Methylene Chloride	2.800	84	161847	46.257	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	149288	49.135	ug/l	96
22) Diisopropyl ether	3.769	45	519485	49.315	ug/l	98
23) Vinyl Acetate	3.727	43	2151130	250.780	ug/l	100
24) 1,1-Dichloroethane	3.623	63	279893	47.817	ug/l	99
25) 2-Butanone	4.562	43	412873	228.167	ug/l	100
26) 2,2-Dichloropropane	4.483	77	198041	46.809	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	177574	47.969	ug/l	99
28) Bromochloromethane	4.903	49	130889	51.817	ug/l	98
29) Tetrahydrofuran	5.013	42	260407	231.900	ug/l	99
30) Chloroform	5.098	83	282325	47.367	ug/l	99
31) Cyclohexane	5.476	56	218750	44.810	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	228250	47.002	ug/l	99
36) 1,1-Dichloropropene	5.696	75	183162	46.959	ug/l	99
37) Ethyl Acetate	4.714	43	187424	48.752	ug/l	99
38) Carbon Tetrachloride	5.677	117	197826	45.710	ug/l	97
39) Methylcyclohexane	7.384	83	191944	42.671	ug/l	95
40) Benzene	6.043	78	585981	47.058	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	90756	49.847	ug/l	93
42) 1,2-Dichloroethane	6.086	62	212411	47.385	ug/l	98
43) Isopropyl Acetate	6.336	43	299991	48.564	ug/l	99
44) Trichloroethene	7.122	130	143507	46.513	ug/l	100
45) 1,2-Dichloropropane	7.427	63	147475	47.019	ug/l	99
46) Dibromomethane	7.580	93	108863	47.148	ug/l	100
47) Bromodichloromethane	7.817	83	221463	46.900	ug/l	98
48) Methyl methacrylate	7.689	41	155684	48.993	ug/l	99
49) 1,4-Dioxane	7.677	88	29794	947.820	ug/l	95
51) 4-Methyl-2-Pentanone	8.573	43	861966	236.166	ug/l	100
52) Toluene	8.713	92	358647	47.261	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	206893	48.633	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	227178	48.195	ug/l	98
55) 1,1,2-Trichloroethane	9.146	97	139936	47.269	ug/l	98
56) Ethyl methacrylate	9.116	69	208370	47.547	ug/l	99
57) 1,3-Dichloropropane	9.305	76	238344	46.502	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	508625	247.638	ug/l	100
59) 2-Hexanone	9.427	43	574395	230.371	ug/l	99
60) Dibromochloromethane	9.518	129	166164	46.984	ug/l	100
61) 1,2-Dibromoethane	9.604	107	143269	47.555	ug/l	100
64) Tetrachloroethene	9.268	164	112154	46.564	ug/l	98
65) Chlorobenzene	10.079	112	395149	46.951	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	134761	47.220	ug/l	98
67) Ethyl Benzene	10.189	91	673046	47.590	ug/l	100
68) m/p-Xylenes	10.299	106	509179	96.934	ug/l	100
69) o-Xylene	10.640	106	245226	48.462	ug/l	99
70) Styrene	10.652	104	434806	49.521	ug/l	100
71) Bromoform	10.798	173	105383	48.494	ug/l #	99
73) Isopropylbenzene	10.957	105	612358	47.978	ug/l	99
74) N-amyl acetate	10.841	43	256202	48.609	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	193097	47.860	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	181693	58.692	ug/l	90
77) Bromobenzene	11.195	156	158311	48.486	ug/l	98
78) n-propylbenzene	11.298	91	718480	47.281	ug/l	100
79) 2-Chlorotoluene	11.359	91	446571	47.387	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	503546	48.252	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	31676	41.243	ug/l	100
82) 4-Chlorotoluene	11.451	91	528399	47.786	ug/l	100
83) tert-Butylbenzene	11.713	119	492494	46.816	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	516121	48.519	ug/l	100
85) sec-Butylbenzene	11.890	105	573832	45.333	ug/l	100
86) p-Isopropyltoluene	12.006	119	480258	45.262	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	288517	47.396	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	290991	46.298	ug/l	100
89) n-Butylbenzene	12.329	91	433884	44.304	ug/l	99
90) Hexachloroethane	12.536	117	88380	45.312	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	276449	46.345	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	34470	46.318	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	160256	44.074	ug/l	99
94) Hexachlorobutadiene	13.725	225	43787	34.647	ug/l	99
95) Naphthalene	13.774	128	508198	47.813	ug/l	99
96) 1,2,3-Trichlorobenzene	13.956	180	153701	45.001	ug/l	98

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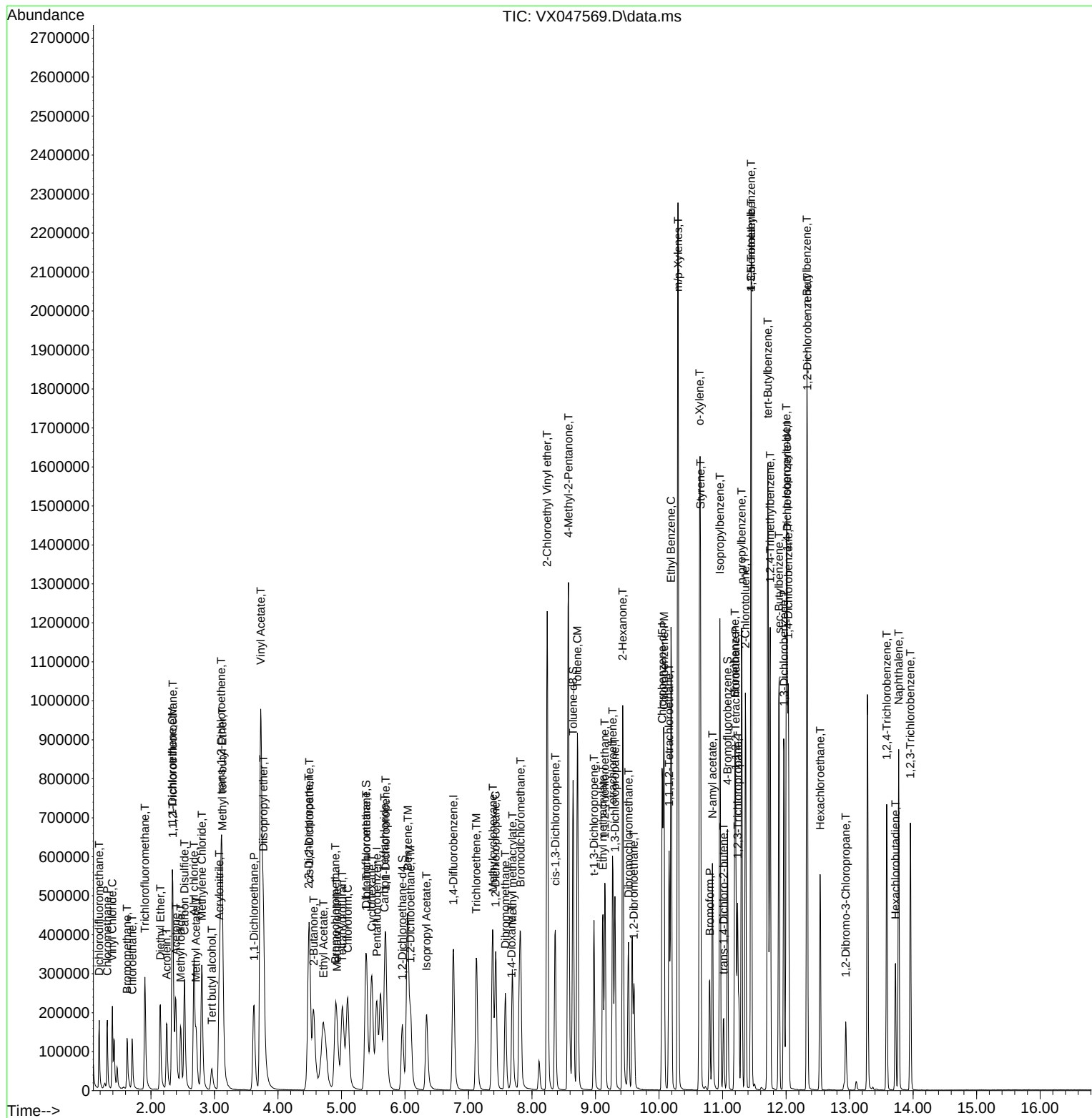
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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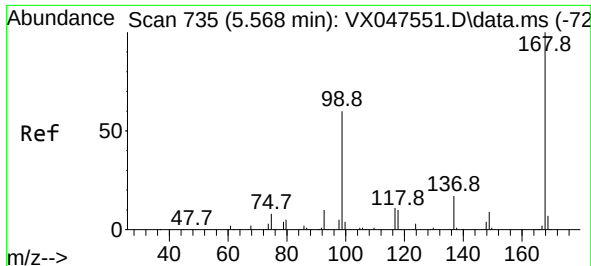
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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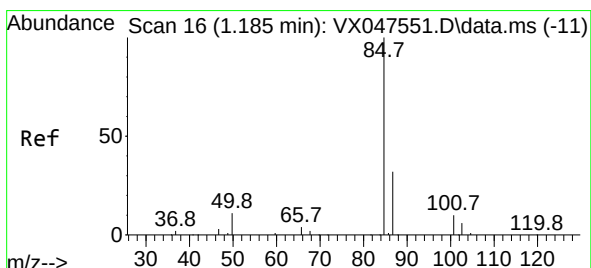
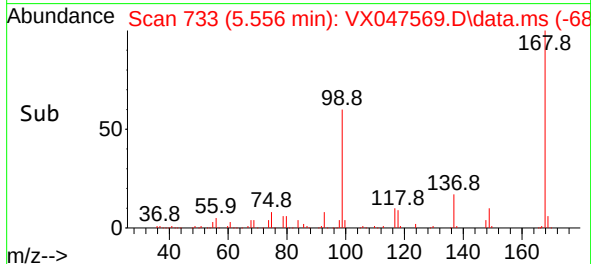
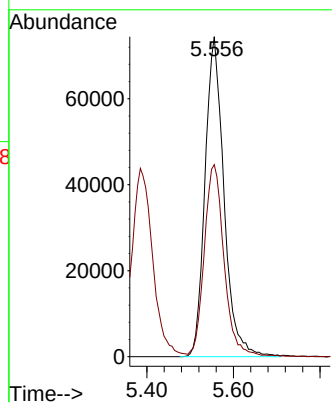
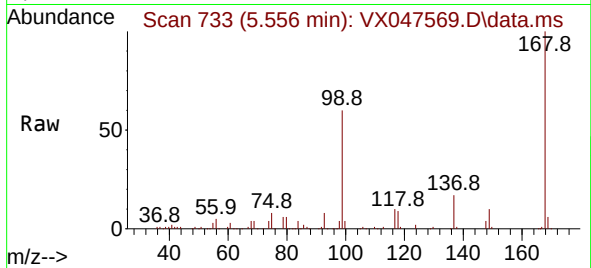




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.012 min
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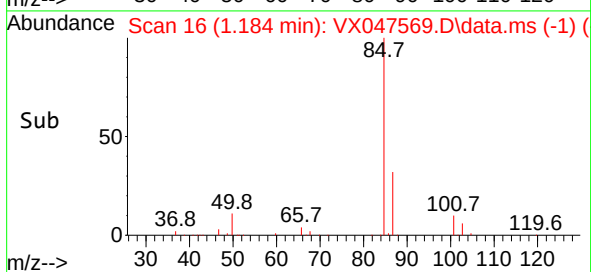
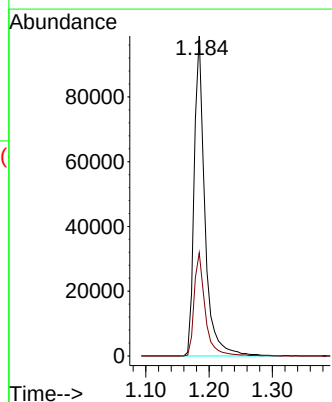
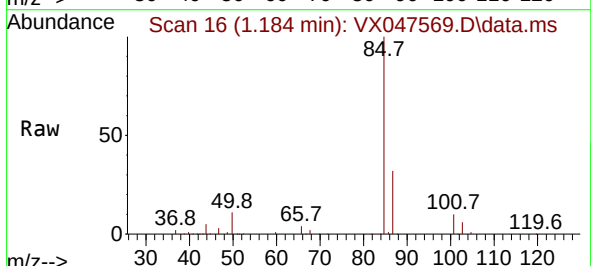
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

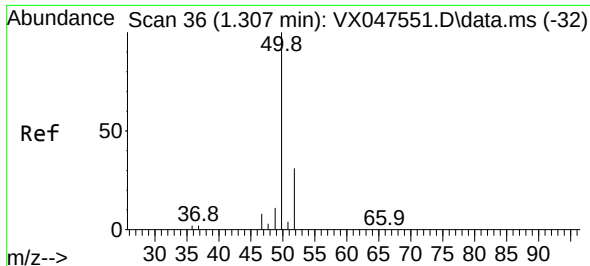
Tgt Ion:168 Resp: 226081
Ion Ratio Lower Upper
168 100
99 59.8 48.9 73.3



#2
Dichlorodifluoromethane
Concen: 46.975 ug/l
RT: 1.184 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

Tgt Ion: 85 Resp: 116303
Ion Ratio Lower Upper
85 100
87 32.3 15.9 47.7

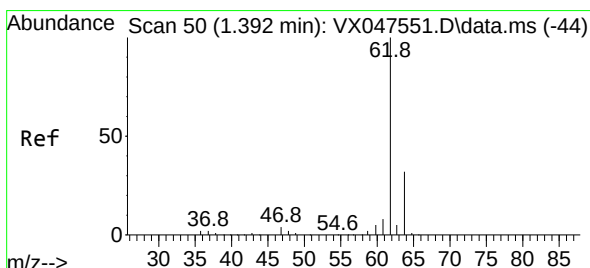
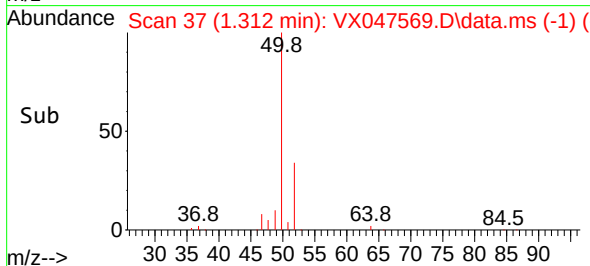
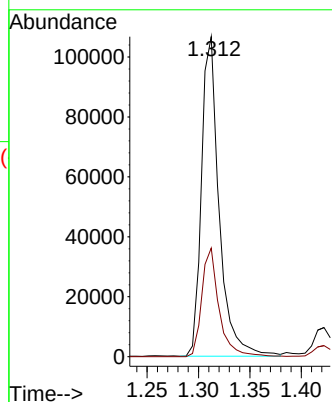
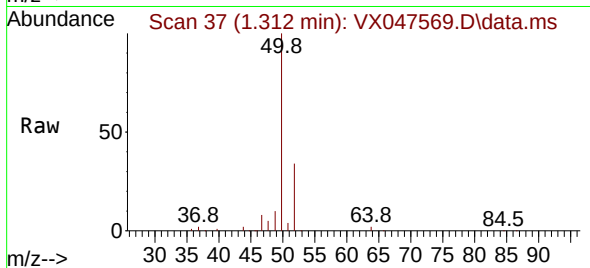




#3
Chloromethane
Concen: 47.181 ug/l
RT: 1.312 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

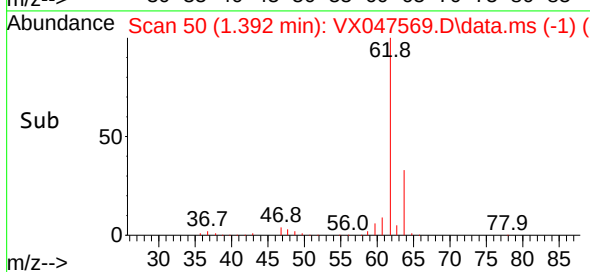
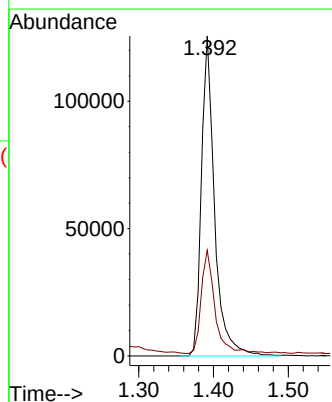
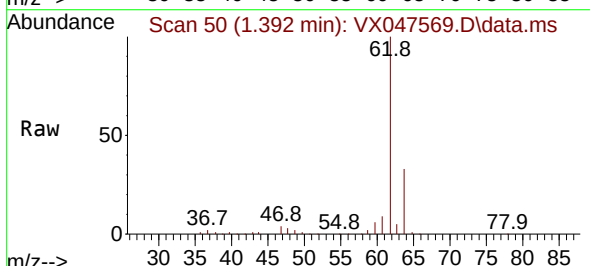
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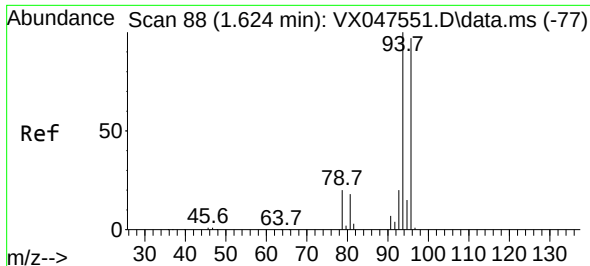
Tgt Ion: 50 Resp: 127582
Ion Ratio Lower Upper
50 100
52 34.0 24.6 37.0



#4
Vinyl Chloride
Concen: 48.239 ug/l
RT: 1.392 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

Tgt Ion: 62 Resp: 153335
Ion Ratio Lower Upper
62 100
64 32.1 25.9 38.9

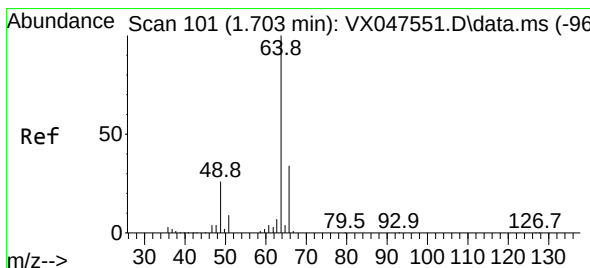
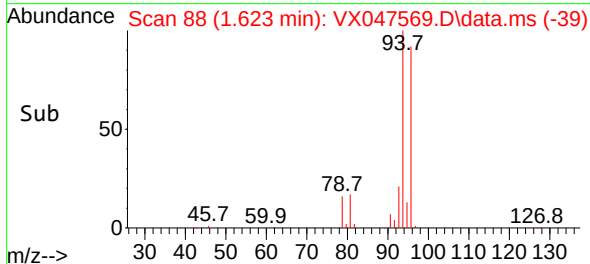
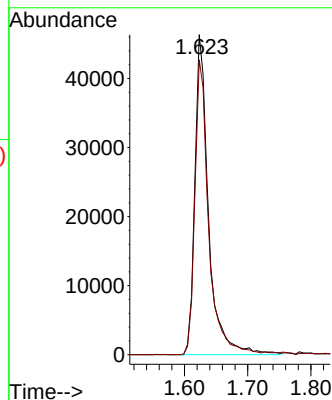
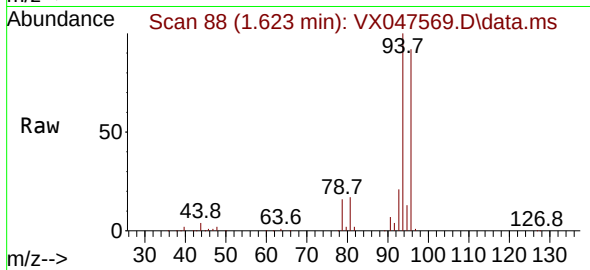




#5
Bromomethane
Concen: 50.833 ug/l
RT: 1.623 min Scan# 88
Delta R.T. -0.000 min
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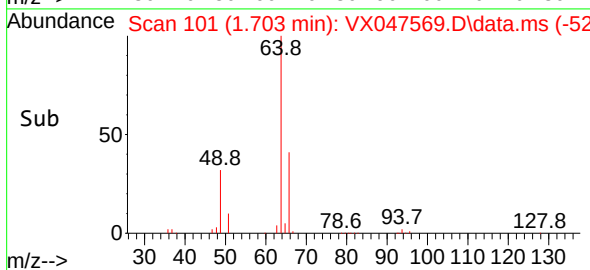
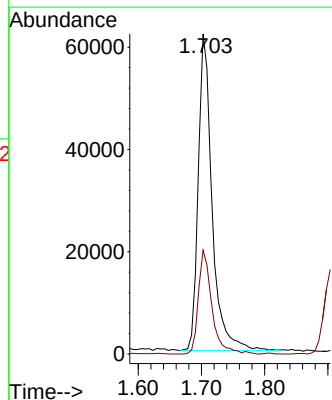
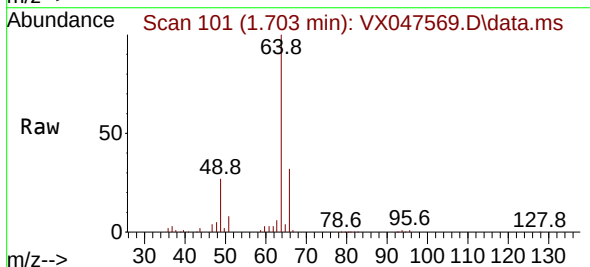
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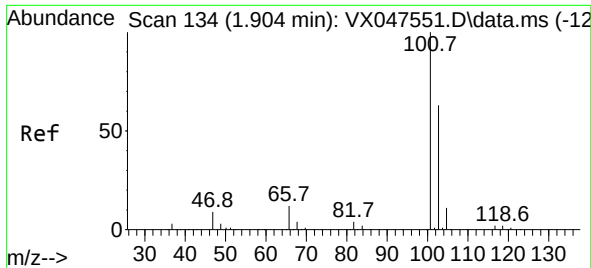
Tgt Ion: 94 Resp: 69889
Ion Ratio Lower Upper
94 100
96 92.1 77.7 116.5



#6
Chloroethane
Concen: 46.913 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX047569.D
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Tgt Ion: 64 Resp: 94743
Ion Ratio Lower Upper
64 100
66 32.7 27.4 41.2

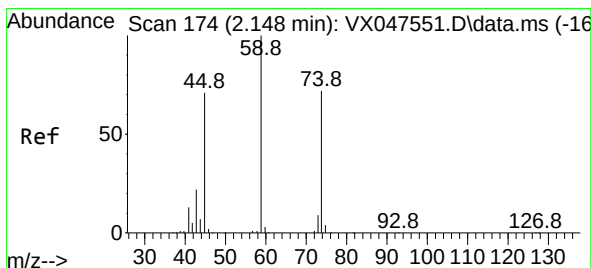
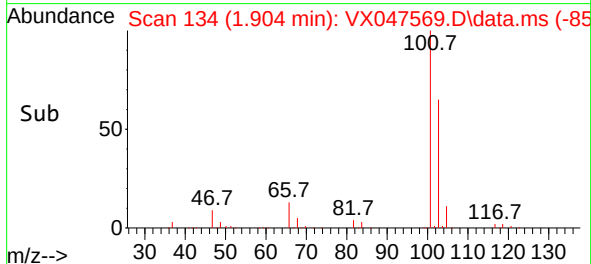
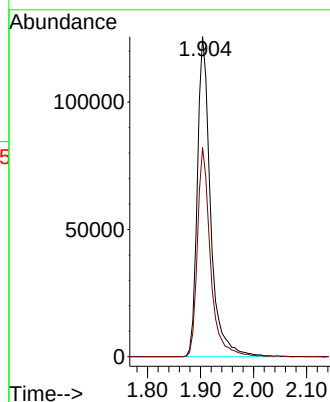
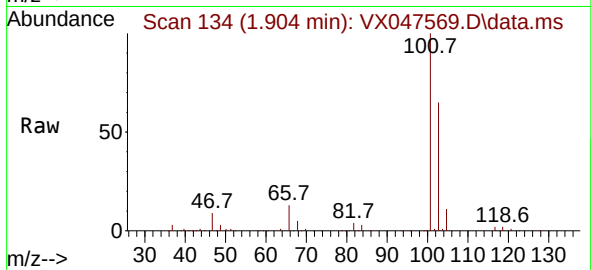




#7
 Trichlorofluoromethane
 Concen: 48.061 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047569.D
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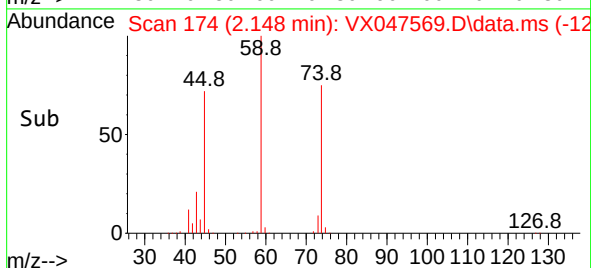
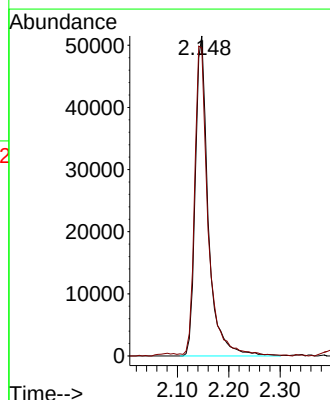
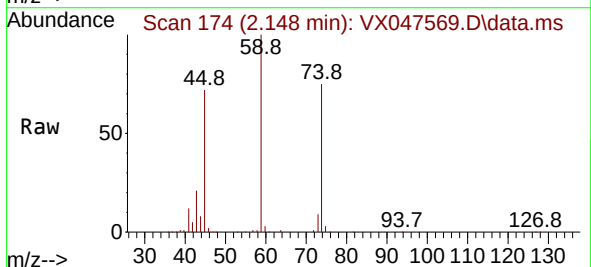
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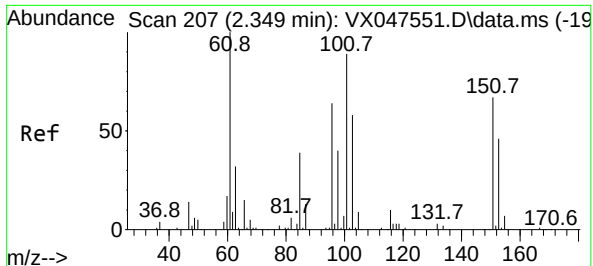
Tgt Ion:101 Resp: 217287
 Ion Ratio Lower Upper
 101 100
 103 65.4 50.1 75.1



#8
 Diethyl Ether
 Concen: 50.470 ug/l
 RT: 2.148 min Scan# 174
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 90535
 Ion Ratio Lower Upper
 74 100
 45 101.6 49.0 147.0

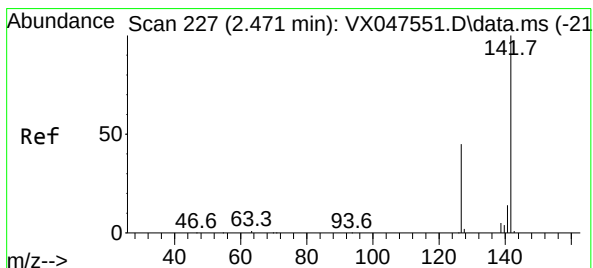
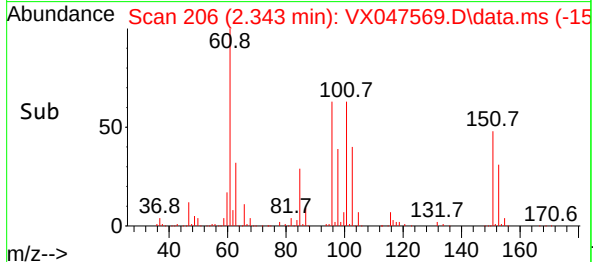
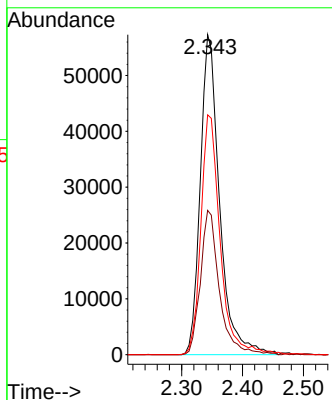
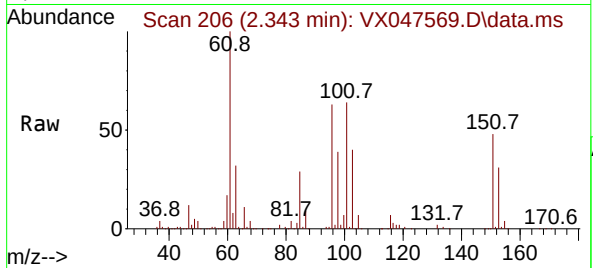




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.835 ug/l
RT: 2.343 min Scan# 207
Delta R.T. -0.007 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

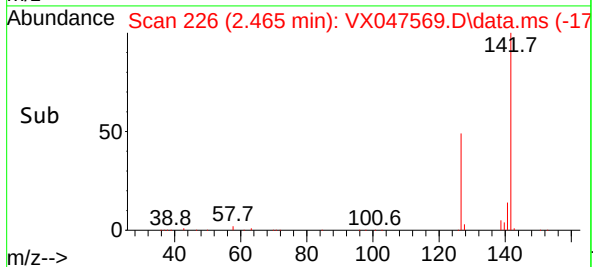
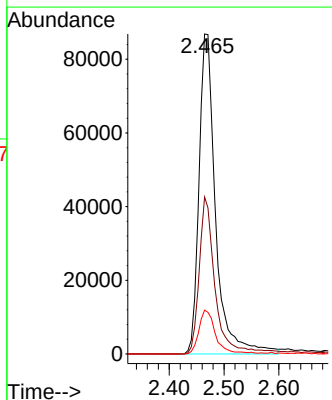
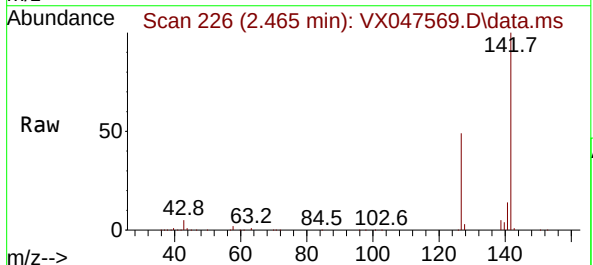
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

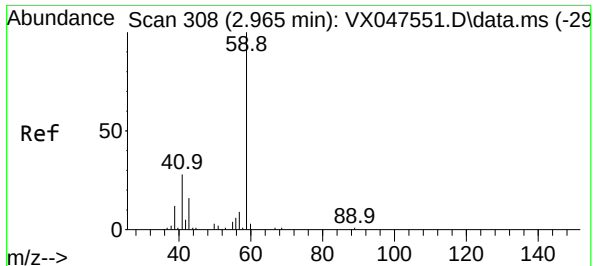
Tgt Ion:101 Resp: 126104
Ion Ratio Lower Upper
101 100
85 44.4 35.1 52.7
151 75.1 58.6 88.0



#10
Methyl Iodide
Concen: 41.052 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.007 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

Tgt Ion:142 Resp: 182971
Ion Ratio Lower Upper
142 100
127 47.4 37.6 56.4
141 13.8 10.6 16.0

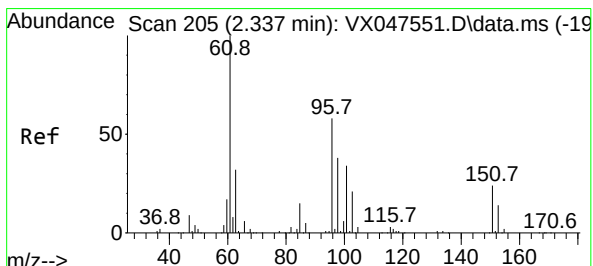
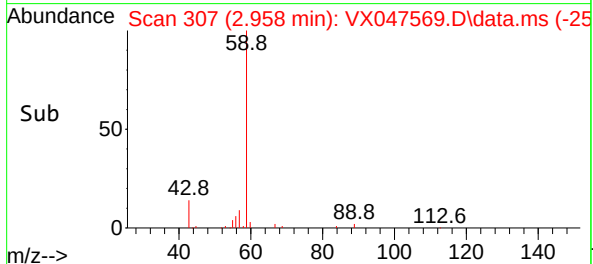
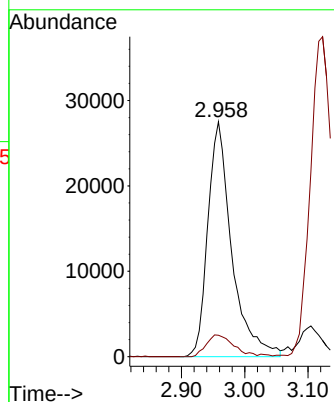
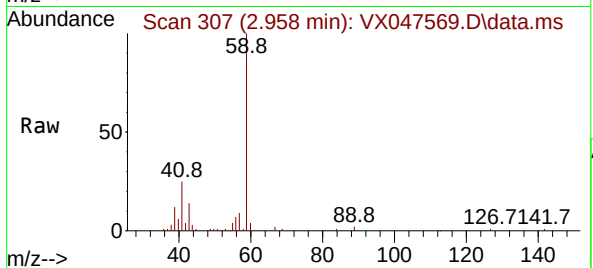




#11
Tert butyl alcohol
Concen: 226.048 ug/l
RT: 2.958 min Scan# 308
Delta R.T. -0.007 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

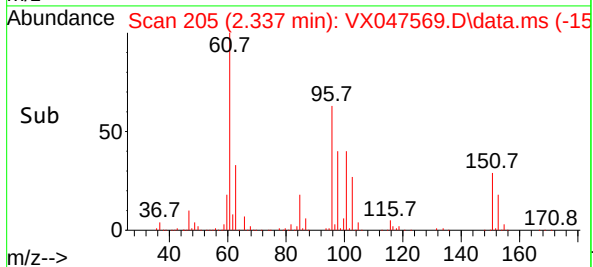
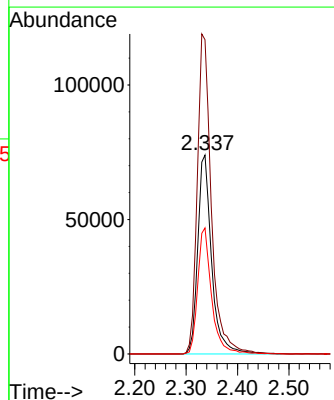
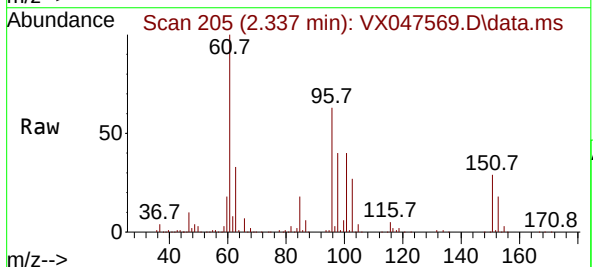
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

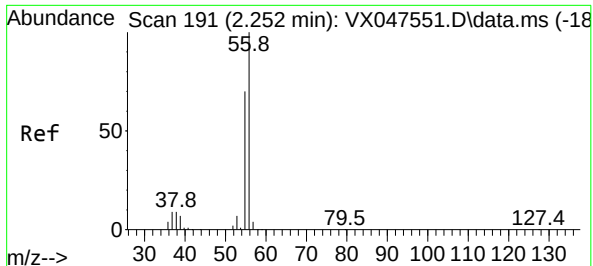
Tgt Ion: 59 Resp: 72134
Ion Ratio Lower Upper
59 100
57 10.5 7.9 11.9



#12
1,1-Dichloroethene
Concen: 48.698 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

Tgt Ion: 96 Resp: 139038
Ion Ratio Lower Upper
96 100
61 158.0 136.8 205.2
98 65.2 52.4 78.6

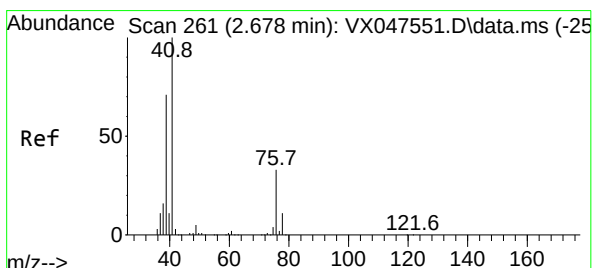
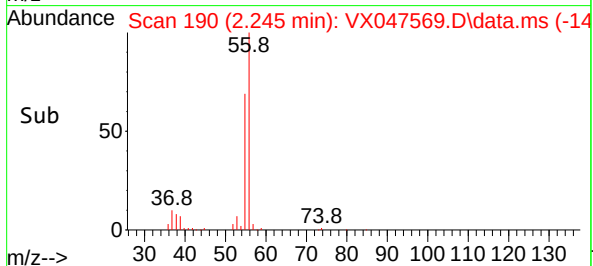
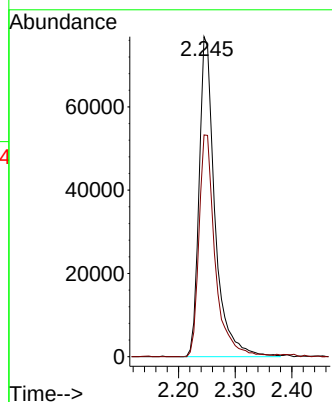
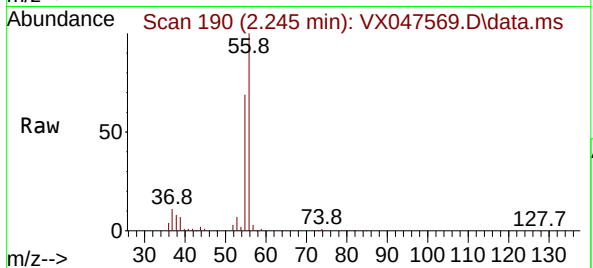




#13
Acrolein
Concen: 232.388 ug/l
RT: 2.245 min Scan# 191
Delta R.T. -0.007 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

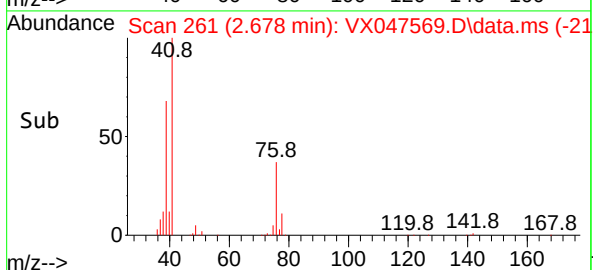
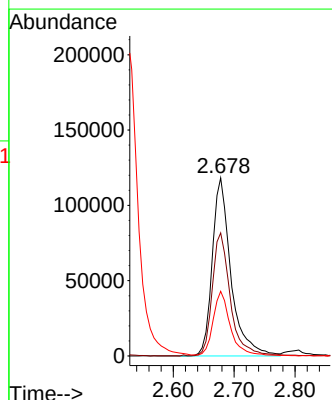
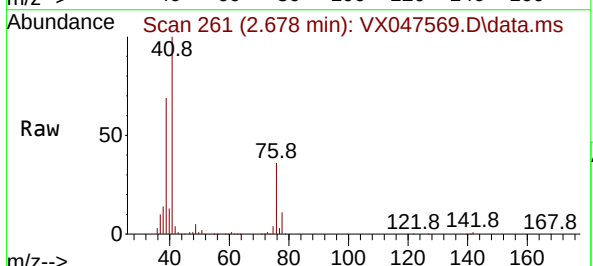
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

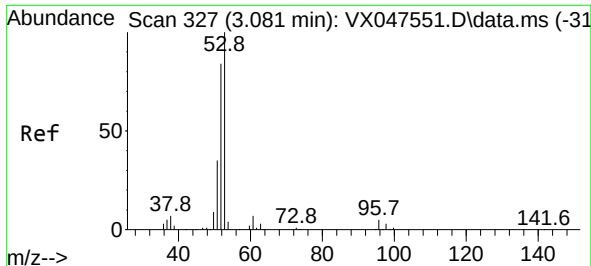
Tgt Ion: 56 Resp: 148657
Ion Ratio Lower Upper
56 100
55 71.1 57.0 85.6



#14
Allyl chloride
Concen: 48.290 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

Tgt Ion: 41 Resp: 252576
Ion Ratio Lower Upper
41 100
39 66.5 53.2 79.8
76 33.8 26.8 40.2

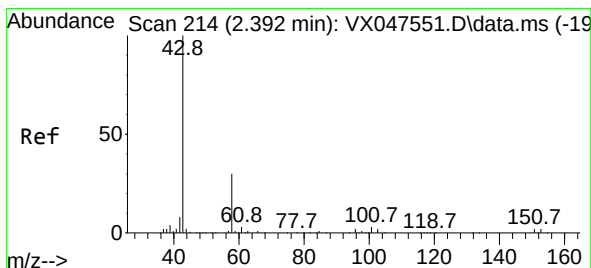
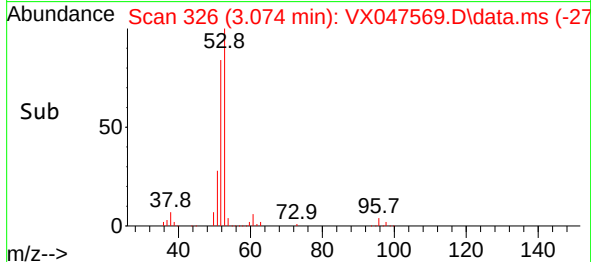
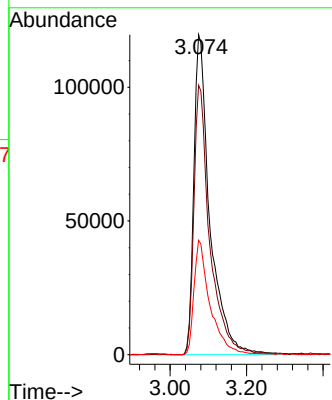
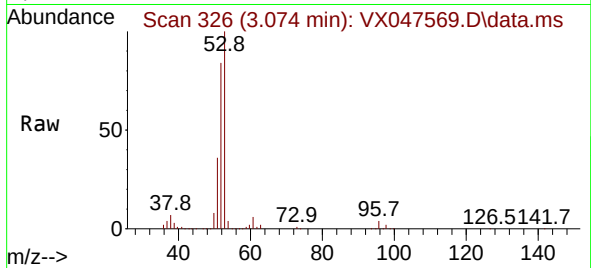




#15
Acrylonitrile
Concen: 244.535 ug/l
RT: 3.074 min Scan# 31
Delta R.T. -0.007 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

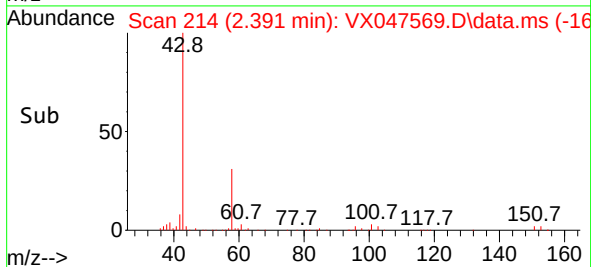
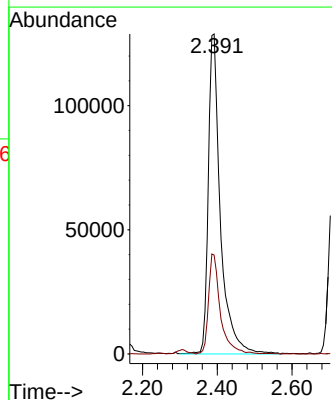
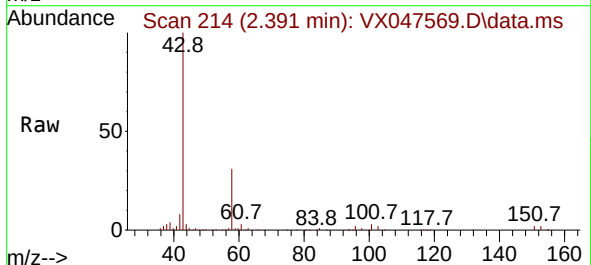
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

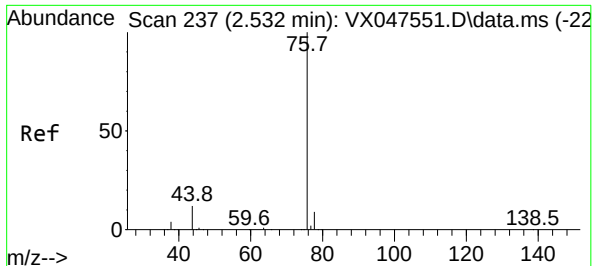
Tgt Ion: 53 Resp: 349185
Ion Ratio Lower Upper
53 100
52 82.9 66.2 99.4
51 36.2 29.4 44.0



#16
Acetone
Concen: 210.597 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

Tgt Ion: 43 Resp: 289568
Ion Ratio Lower Upper
43 100
58 30.9 24.2 36.2

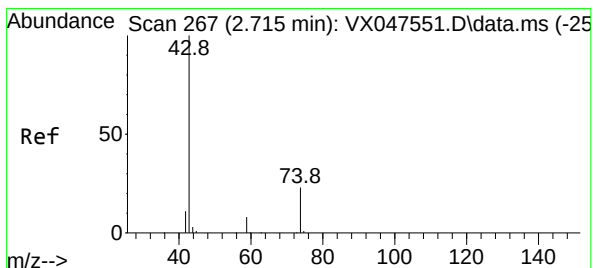
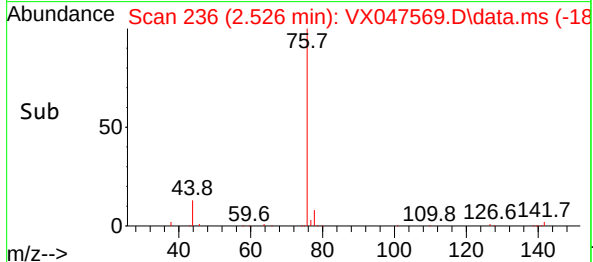
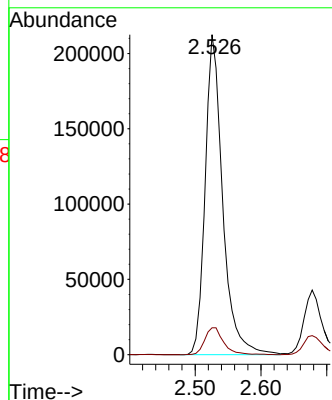
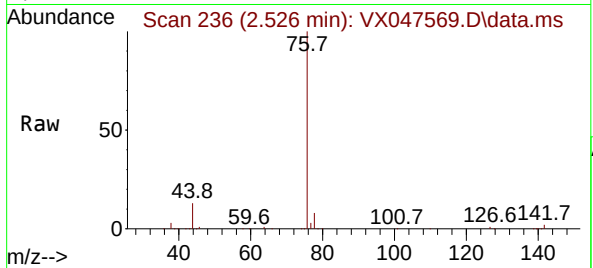




#17
Carbon Disulfide
Concen: 46.347 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.007 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

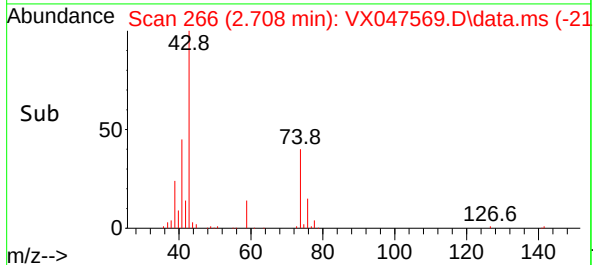
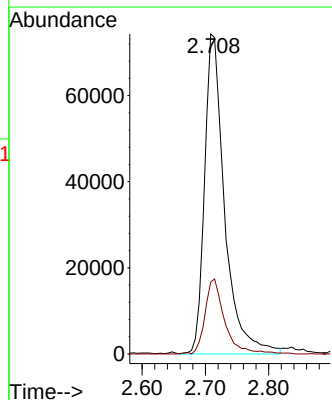
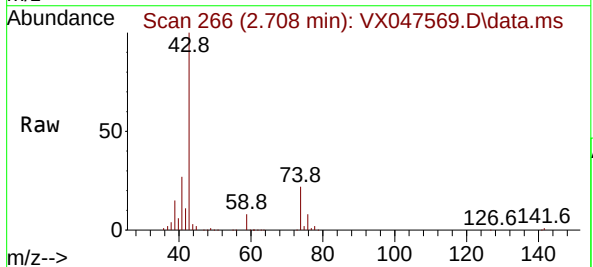
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

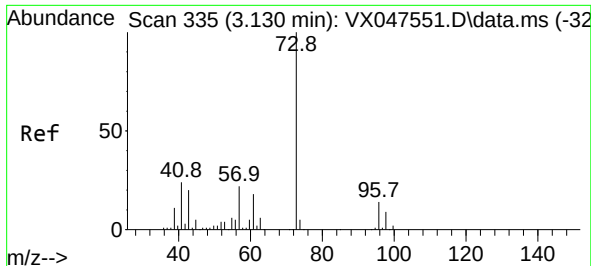
Tgt Ion: 76 Resp: 393476
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0



#18
Methyl Acetate
Concen: 48.501 ug/l
RT: 2.708 min Scan# 266
Delta R.T. -0.007 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

Tgt Ion: 43 Resp: 164413
Ion Ratio Lower Upper
43 100
74 23.0 17.8 26.8

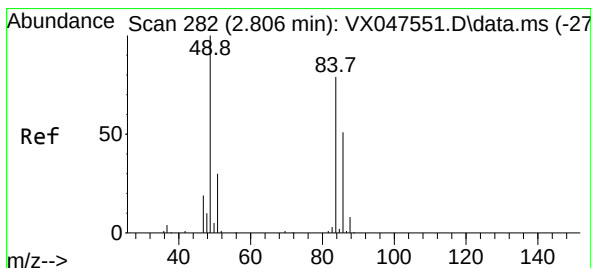
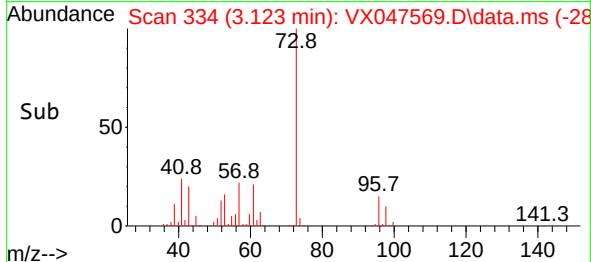
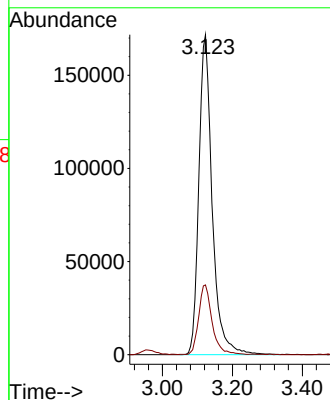
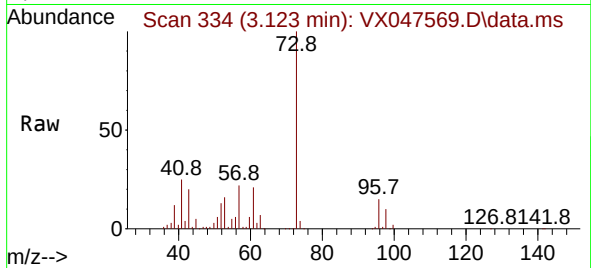




#19
Methyl tert-butyl Ether
Concen: 48.688 ug/l
RT: 3.123 min Scan# 31
Delta R.T. -0.007 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

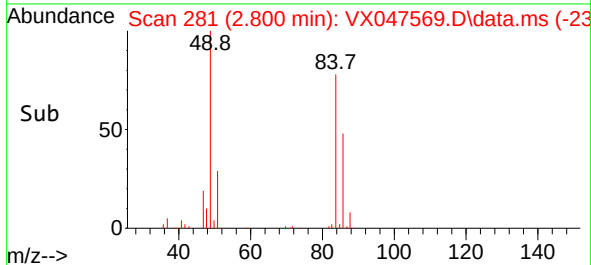
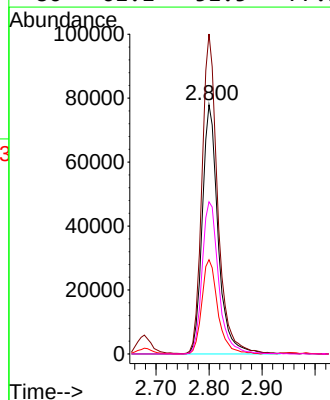
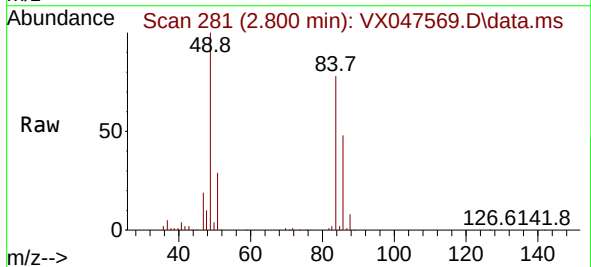
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

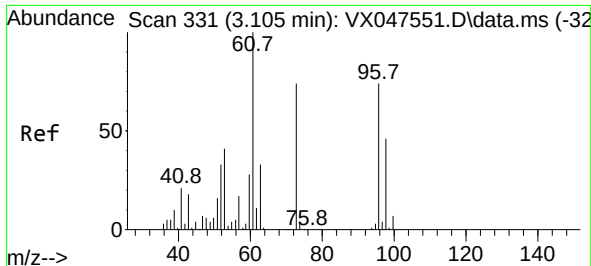
Tgt Ion: 73 Resp: 453735
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.2



#20
Methylene Chloride
Concen: 46.257 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.007 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

Tgt Ion: 84 Resp: 161847
Ion Ratio Lower Upper
84 100
49 128.3 101.4 152.2
51 37.8 30.6 46.0
86 61.1 51.5 77.3

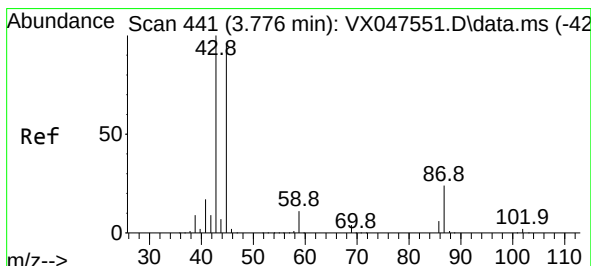
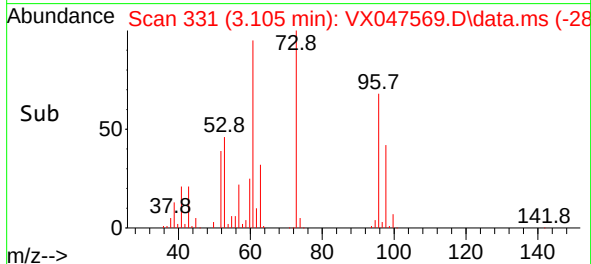
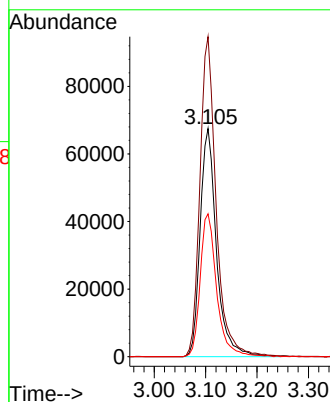
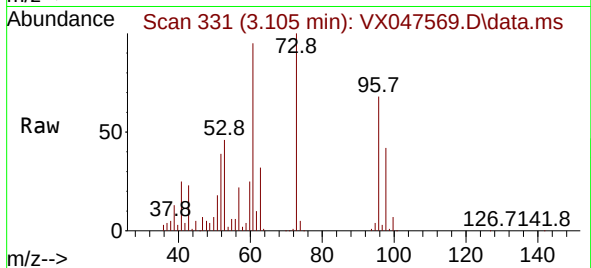




#21
trans-1,2-Dichloroethene
Concen: 49.135 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

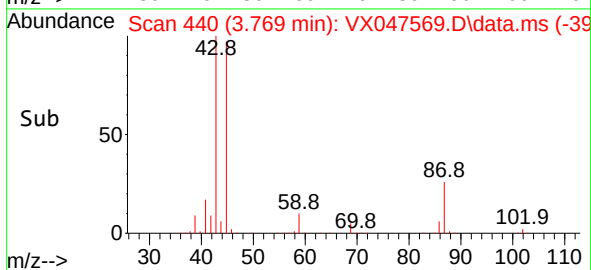
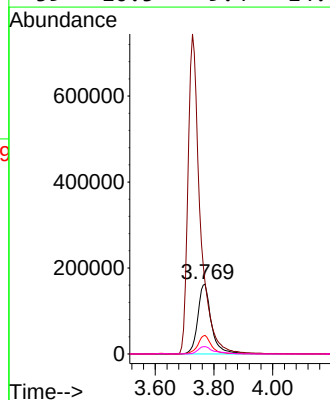
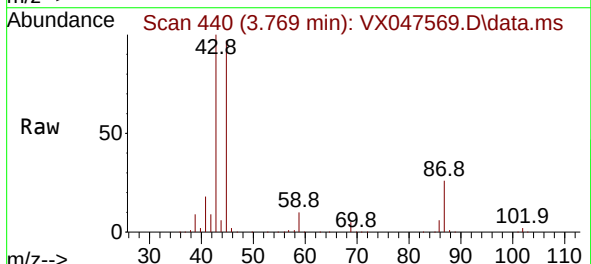
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

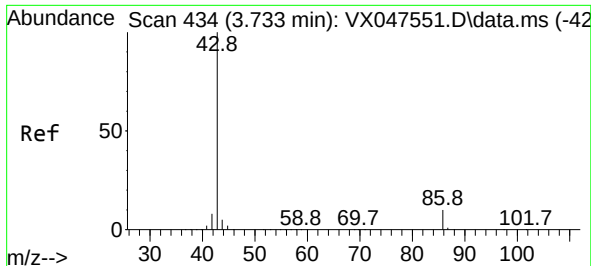
Tgt Ion: 96 Resp: 149288
Ion Ratio Lower Upper
96 100
61 140.3 108.0 162.0
98 62.6 51.6 77.4



#22
Diisopropyl ether
Concen: 49.315 ug/l
RT: 3.769 min Scan# 440
Delta R.T. -0.007 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

Tgt Ion: 45 Resp: 519485
Ion Ratio Lower Upper
45 100
43 102.5 83.2 124.8
87 26.7 20.2 30.4
59 10.5 9.4 14.0

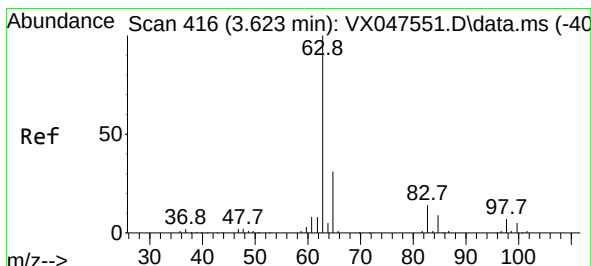
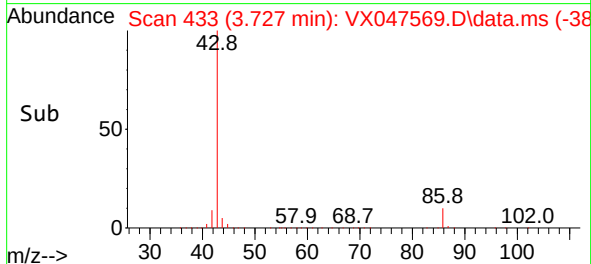
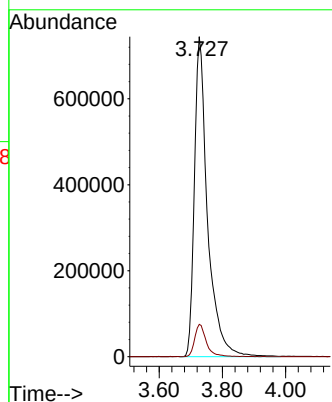
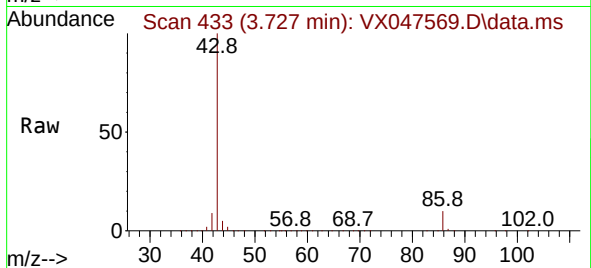




#23
 Vinyl Acetate
 Concen: 250.780 ug/l
 RT: 3.727 min Scan# 411
 Delta R.T. -0.007 min
 Lab File: VX047569.D
 Acq: 29 Aug 2025 15:32

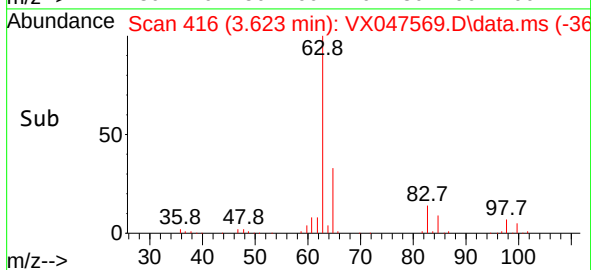
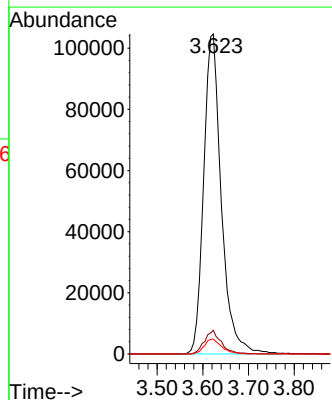
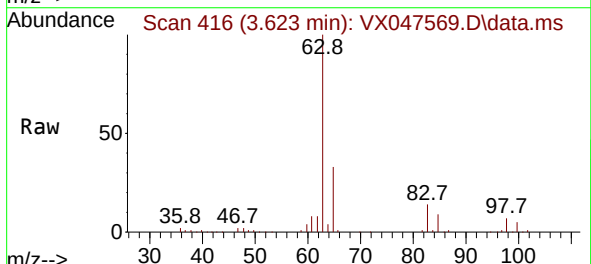
Instrument :
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 ClientSampleId :
 VSTDCCC050EC

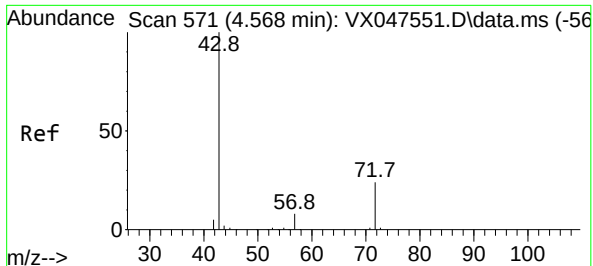
Tgt Ion: 43 Resp: 2151130
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 47.817 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. -0.000 min
 Lab File: VX047569.D
 Acq: 29 Aug 2025 15:32

Tgt Ion: 63 Resp: 279893
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.8 11.2
 100 4.7 2.6 7.8

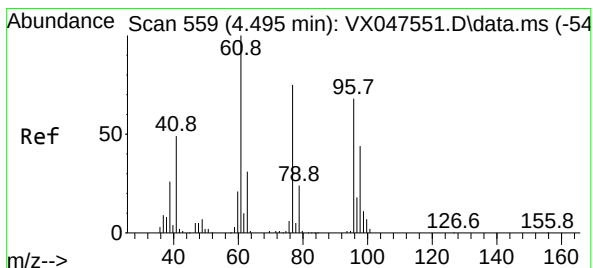
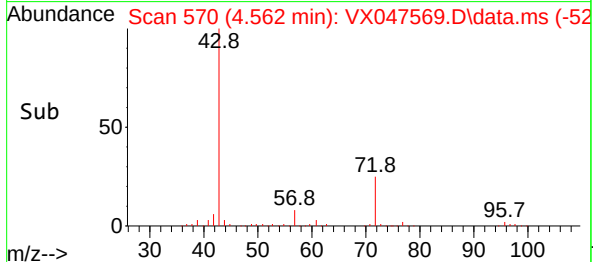
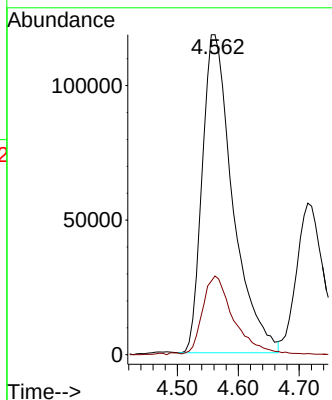
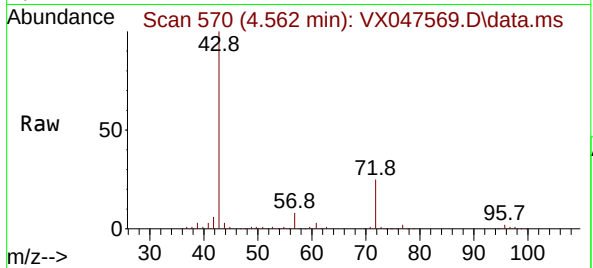




#25
2-Butanone
Concen: 228.167 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.007 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

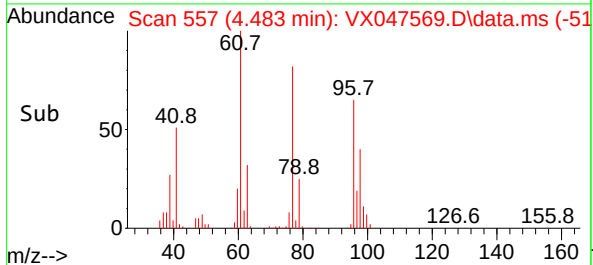
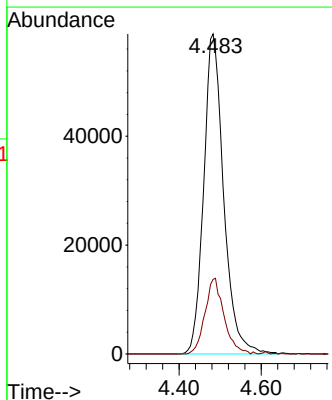
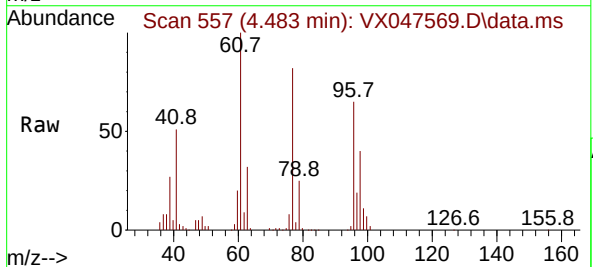
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

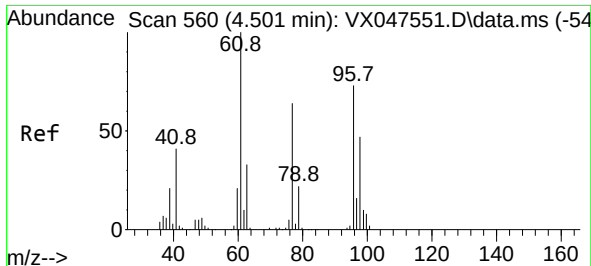
Tgt Ion: 43 Resp: 412873
Ion Ratio Lower Upper
43 100
72 24.2 19.5 29.3



#26
2,2-Dichloropropane
Concen: 46.809 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.013 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

Tgt Ion: 77 Resp: 198041
Ion Ratio Lower Upper
77 100
97 22.5 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 47.969 ug/l

RT: 4.495 min Scan# 51

Delta R.T. -0.007 min

Lab File: VX047569.D

Acq: 29 Aug 2025 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

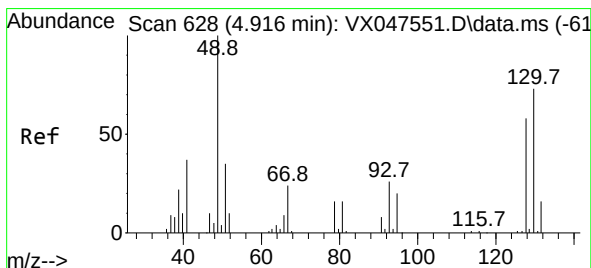
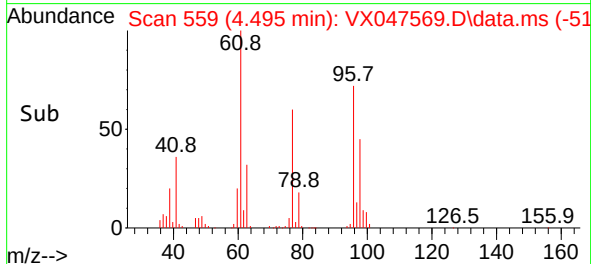
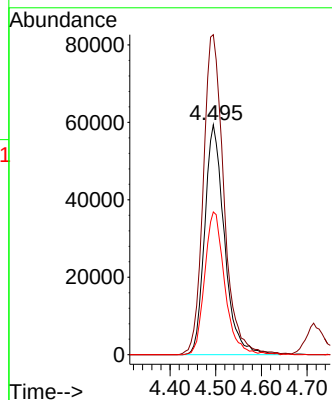
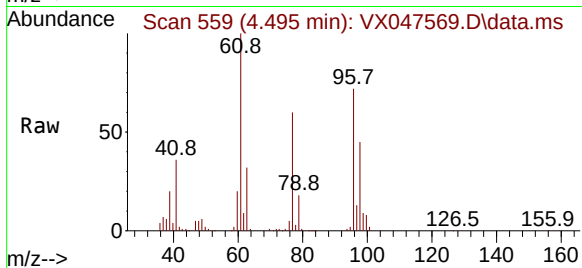
Tgt Ion: 96 Resp: 177574

Ion Ratio Lower Upper

96 100

61 145.7 0.0 289.4

98 62.9 0.0 129.2



#28

Bromochloromethane

Concen: 51.817 ug/l

RT: 4.903 min Scan# 626

Delta R.T. -0.013 min

Lab File: VX047569.D

Acq: 29 Aug 2025 15:32

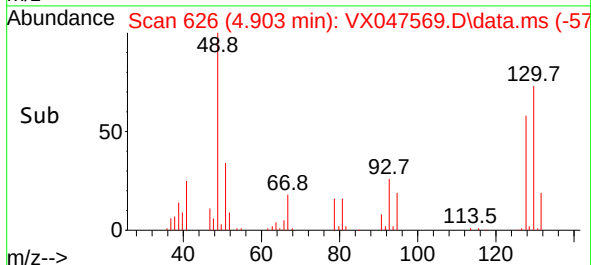
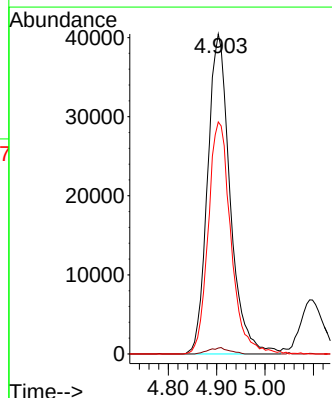
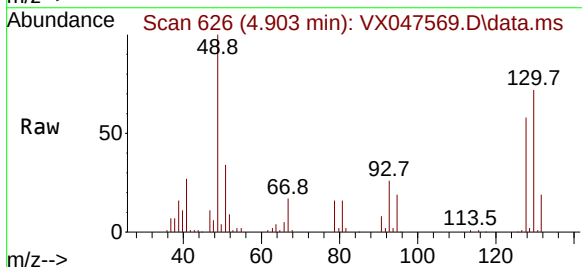
Tgt Ion: 49 Resp: 130889

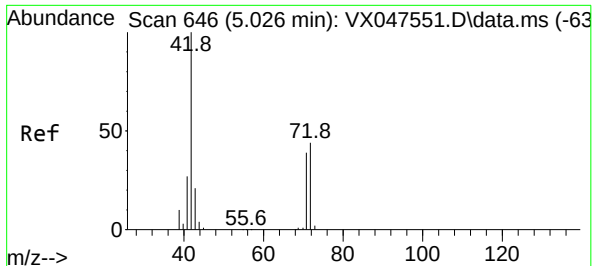
Ion Ratio Lower Upper

49 100

129 1.8 0.0 1.8

130 73.0 59.8 89.6





#29

Tetrahydrofuran

Concen: 231.900 ug/l

RT: 5.013 min Scan# 64

Delta R.T. -0.013 min

Lab File: VX047569.D

Acq: 29 Aug 2025 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

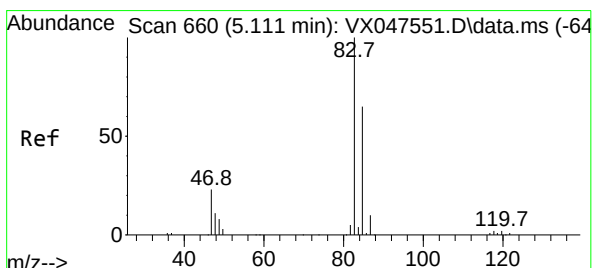
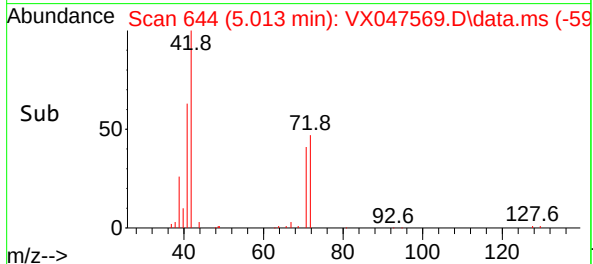
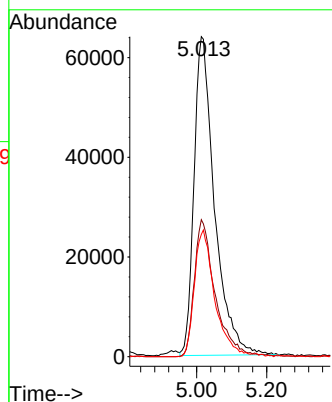
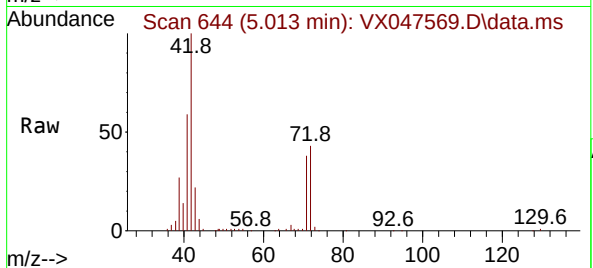
Tgt Ion: 42 Resp: 260407

Ion Ratio Lower Upper

42 100

72 43.9 34.5 51.7

71 39.4 31.7 47.5



#30

Chloroform

Concen: 47.367 ug/l

RT: 5.098 min Scan# 658

Delta R.T. -0.013 min

Lab File: VX047569.D

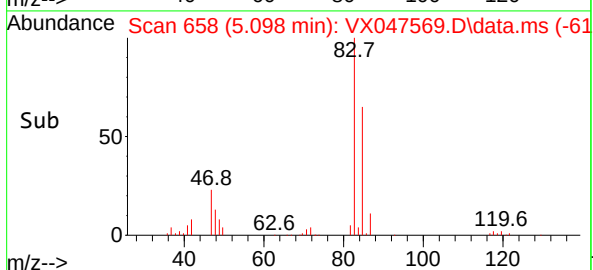
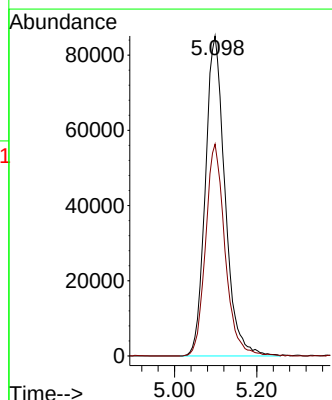
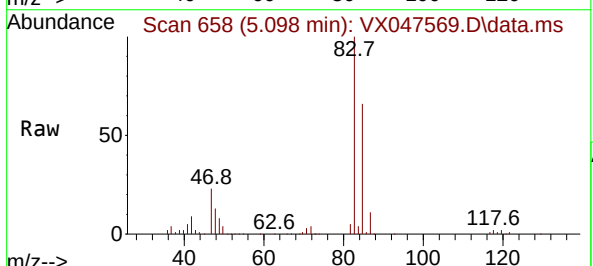
Acq: 29 Aug 2025 15:32

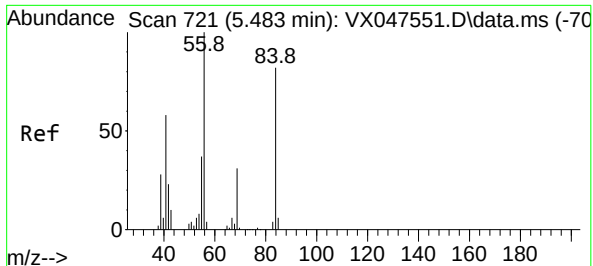
Tgt Ion: 83 Resp: 282325

Ion Ratio Lower Upper

83 100

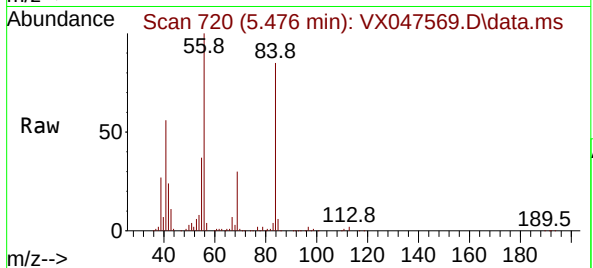
85 66.2 52.3 78.5



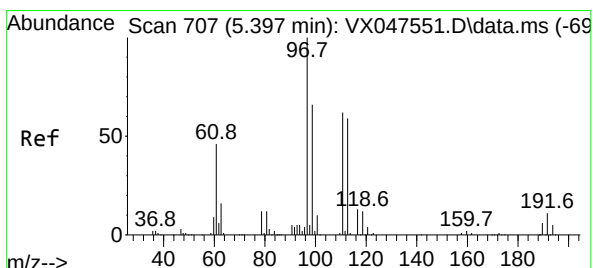
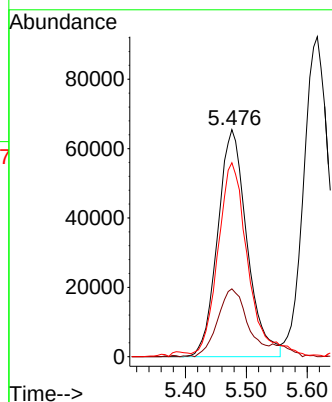
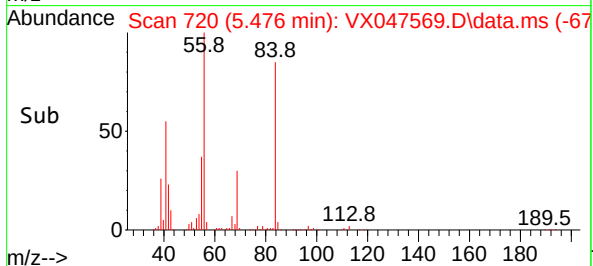


#31
Cyclohexane
Concen: 44.810 ug/l
RT: 5.476 min Scan# 719
Delta R.T. -0.007 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

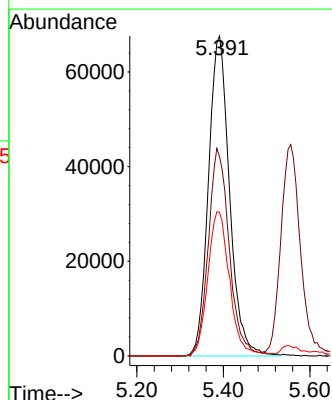
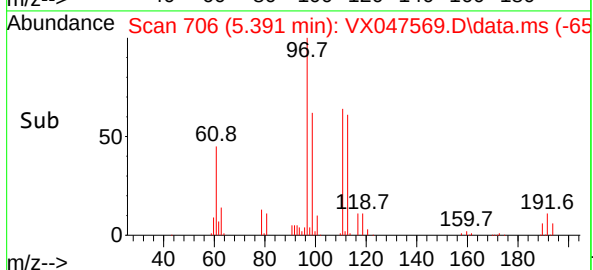
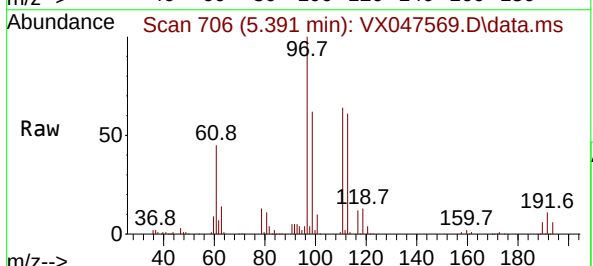


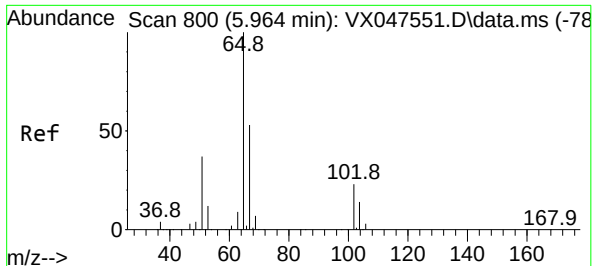
Tgt Ion: 56 Resp: 218750
Ion Ratio Lower Upper
56 100
69 29.4 24.2 36.2
84 83.3 65.5 98.3



#32
1,1,1-Trichloroethane
Concen: 47.002 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.007 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

Tgt Ion: 97 Resp: 228250
Ion Ratio Lower Upper
97 100
99 64.5 51.5 77.3
61 46.7 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 49.962 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.007 min

Lab File: VX047569.D

Acq: 29 Aug 2025 15:32

Instrument :

MSVOA_X

ClientSampleId :

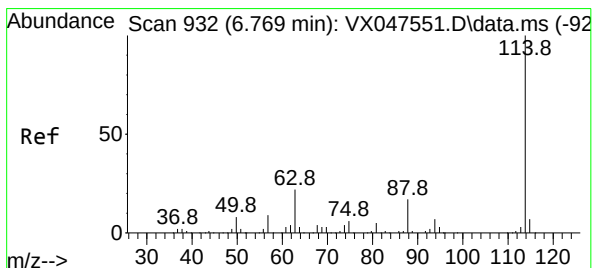
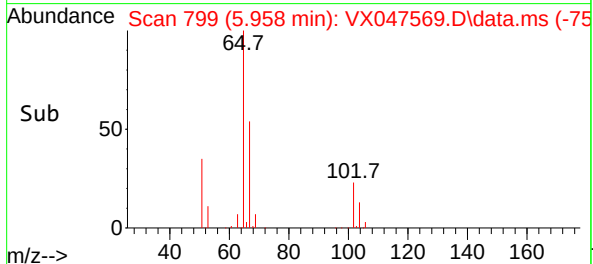
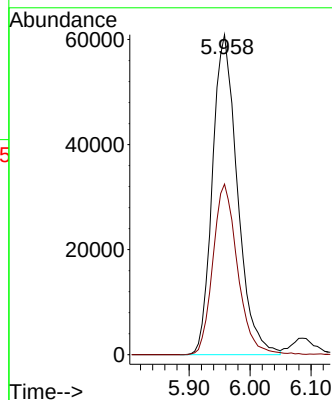
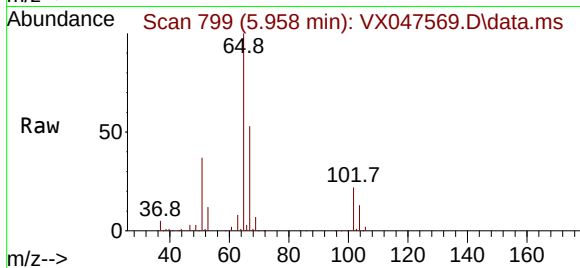
VSTDCCC050EC

Tgt Ion: 65 Resp: 173458

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX047569.D

Acq: 29 Aug 2025 15:32

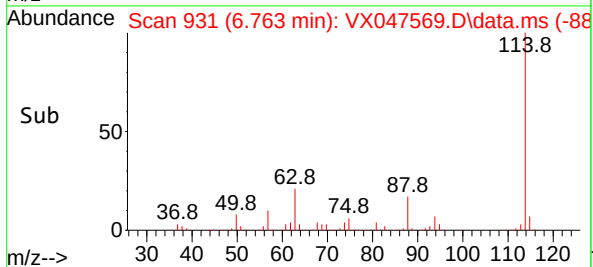
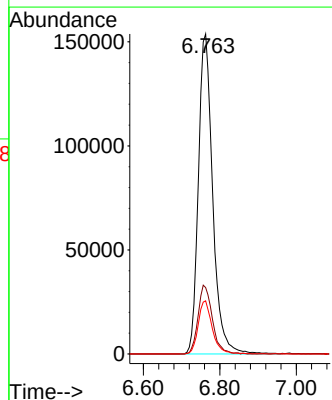
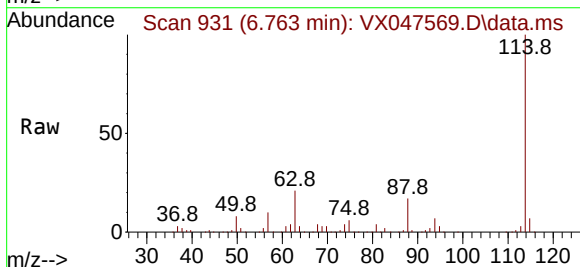
Tgt Ion: 114 Resp: 399322

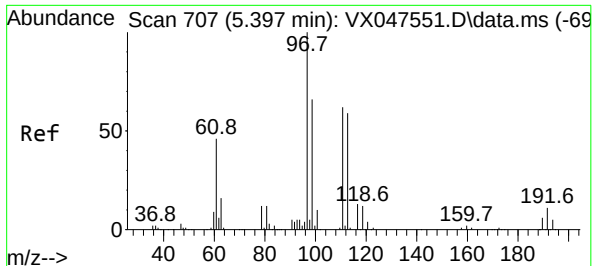
Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.6

88 16.6 0.0 33.2

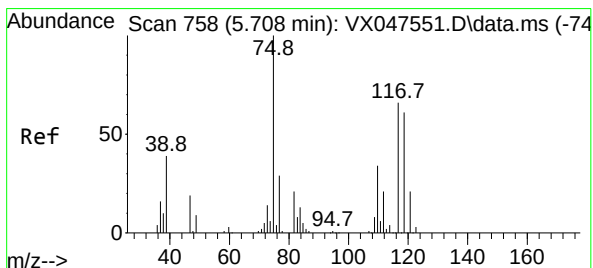
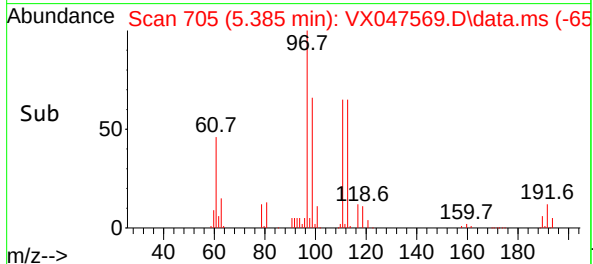
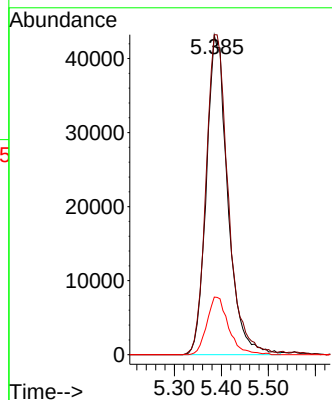
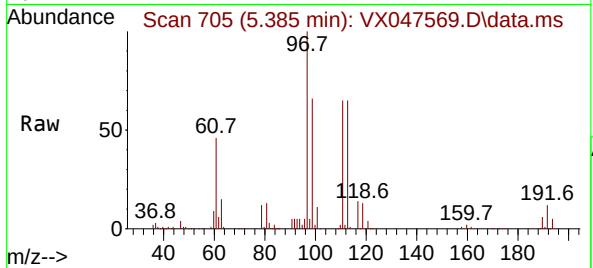




#35
Dibromofluoromethane
Concen: 49.706 ug/l
RT: 5.385 min Scan# 707
Delta R.T. -0.013 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

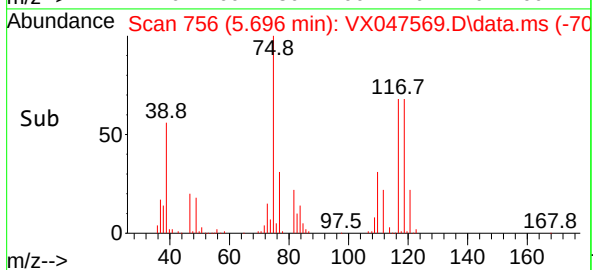
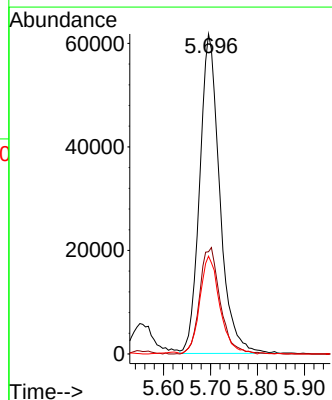
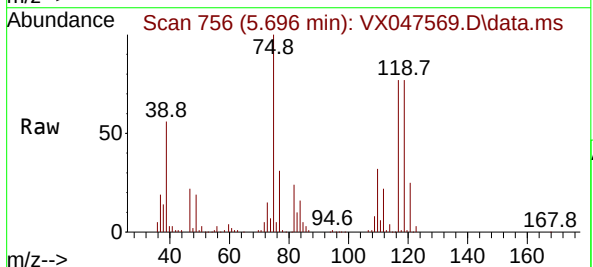
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

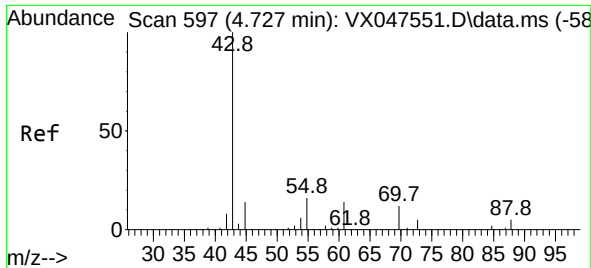
Tgt Ion:113 Resp: 136230
Ion Ratio Lower Upper
113 100
111 104.0 81.2 121.8
192 18.3 14.2 21.4



#36
1,1-Dichloropropene
Concen: 46.959 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.013 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

Tgt Ion: 75 Resp: 183162
Ion Ratio Lower Upper
75 100
110 34.4 17.1 51.3
77 30.6 25.0 37.6

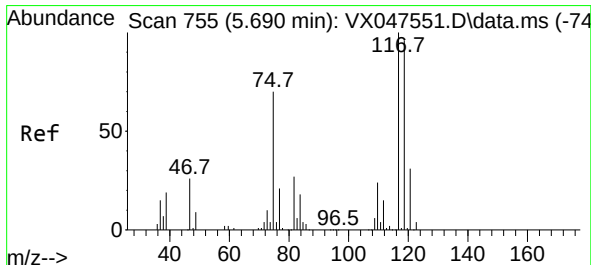
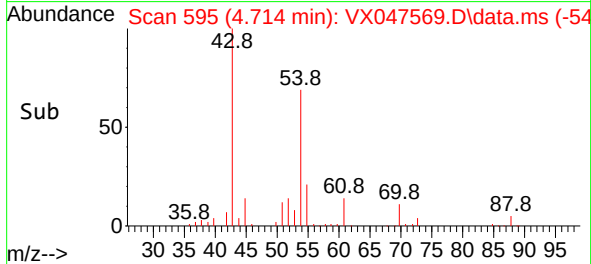
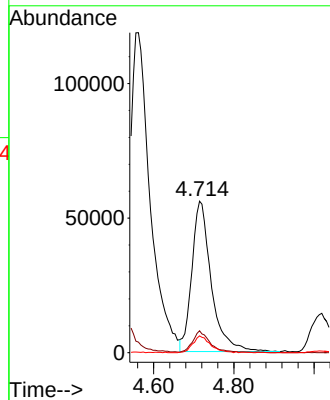
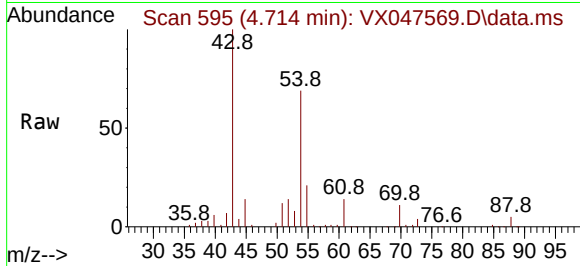




#37
Ethyl Acetate
Concen: 48.752 ug/l
RT: 4.714 min Scan# 597
Delta R.T. -0.013 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

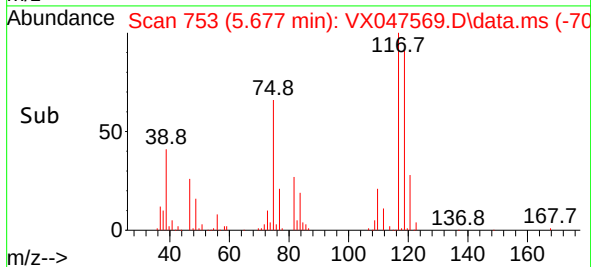
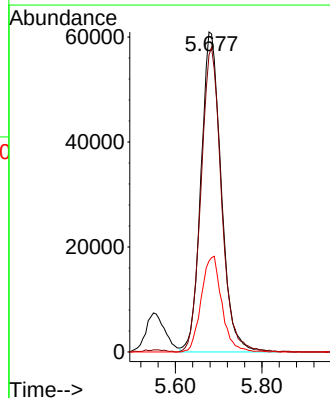
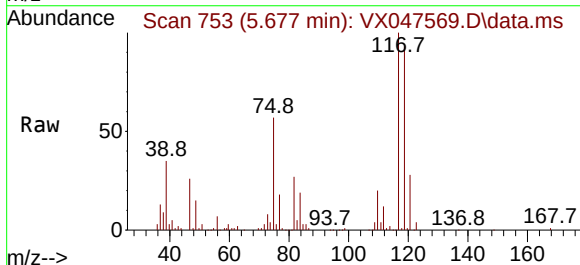
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

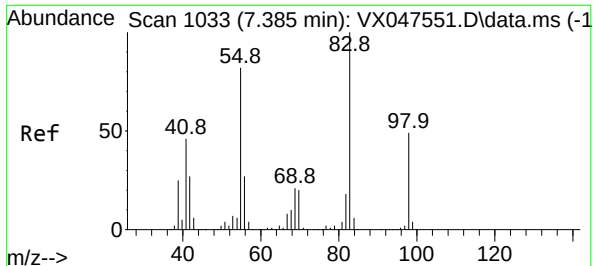
Tgt Ion: 43 Resp: 187424
Ion Ratio Lower Upper
43 100
61 12.2 10.2 15.2
70 10.0 8.2 12.4



#38
Carbon Tetrachloride
Concen: 45.710 ug/l
RT: 5.677 min Scan# 753
Delta R.T. -0.013 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

Tgt Ion: 117 Resp: 197826
Ion Ratio Lower Upper
117 100
119 92.6 76.4 114.6
121 28.4 24.9 37.3





#39

Methylcyclohexane

Concen: 42.671 ug/l

RT: 7.384 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX047569.D

Acq: 29 Aug 2025 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

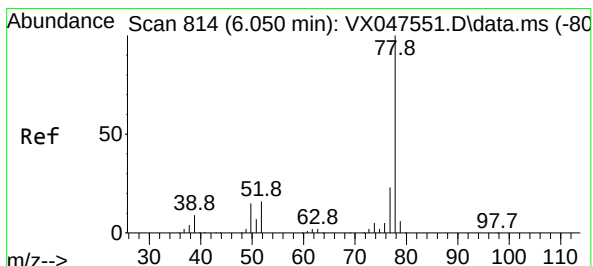
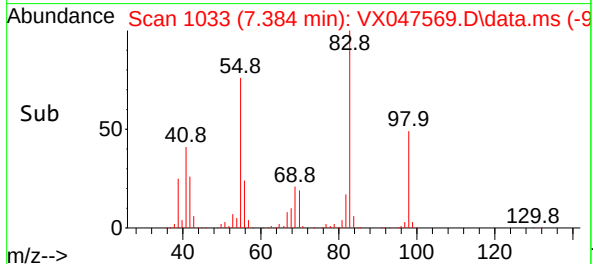
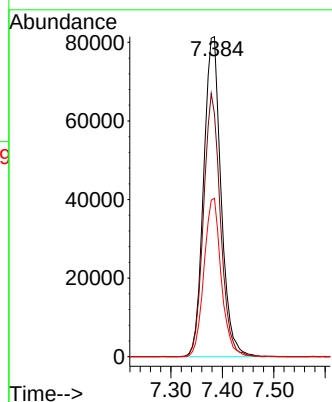
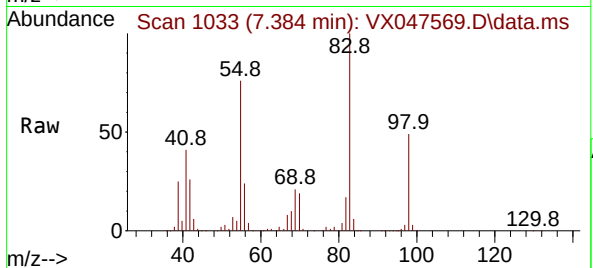
Tgt Ion: 83 Resp: 191944

Ion Ratio Lower Upper

83 100

55 75.8 65.4 98.2

98 49.5 39.0 58.4



#40

Benzene

Concen: 47.058 ug/l

RT: 6.043 min Scan# 813

Delta R.T. -0.007 min

Lab File: VX047569.D

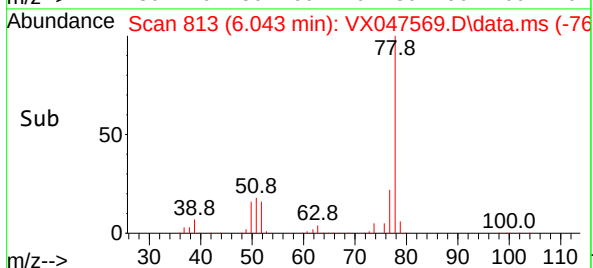
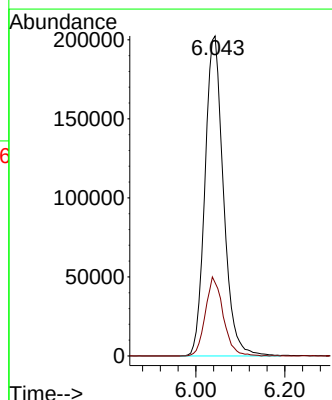
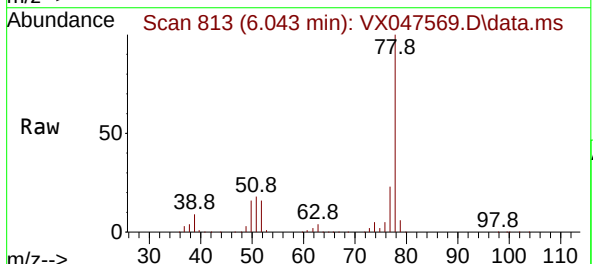
Acq: 29 Aug 2025 15:32

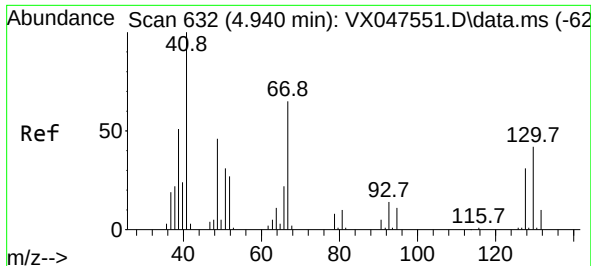
Tgt Ion: 78 Resp: 585981

Ion Ratio Lower Upper

78 100

77 22.9 18.5 27.7

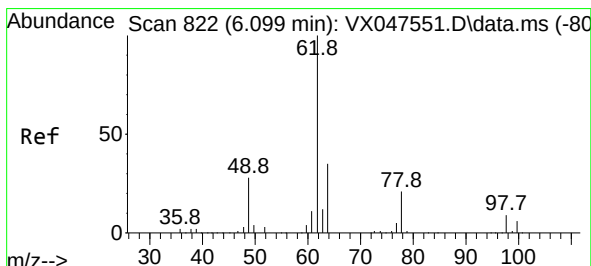
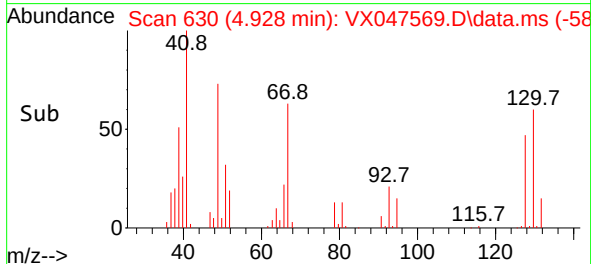
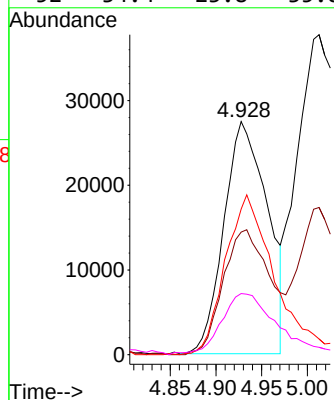
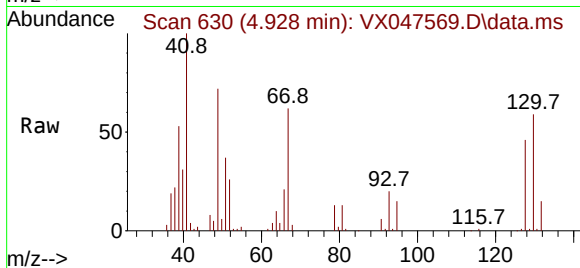




#41
Methacrylonitrile
Concen: 49.847 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.013 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

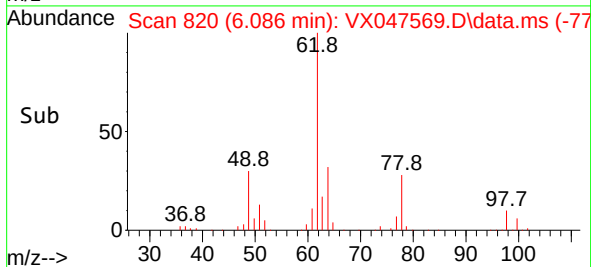
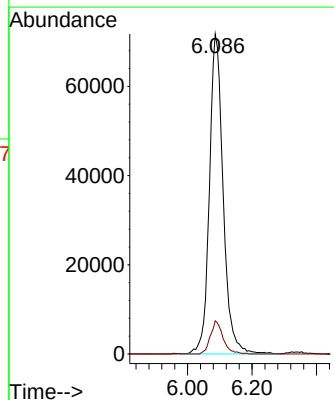
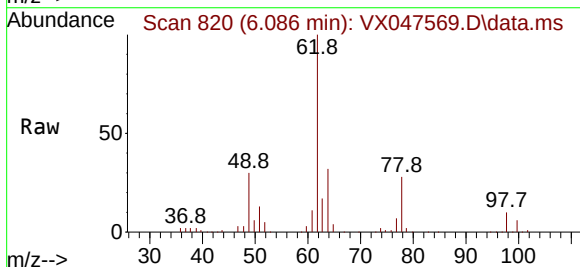
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

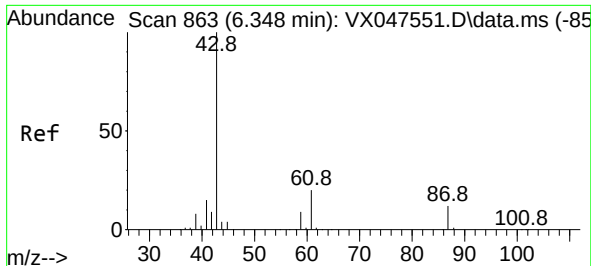
Tgt Ion:	41	Resp:	90756
Ion	Ratio	Lower	Upper
41	100		
39	59.2	42.4	63.6
67	80.1	60.6	90.8
52	34.4	23.8	35.8



#42
1,2-Dichloroethane
Concen: 47.385 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.013 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

Tgt Ion:	62	Resp:	212411
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	17.8

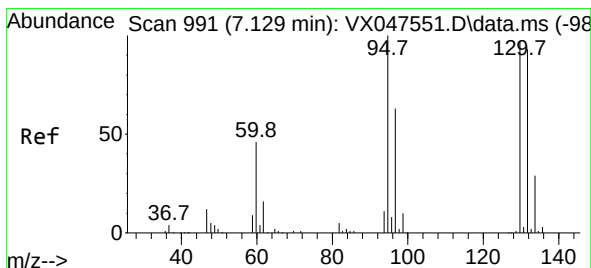
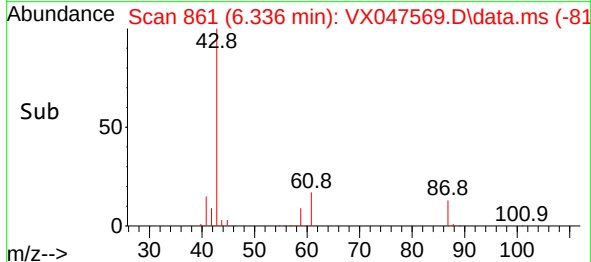
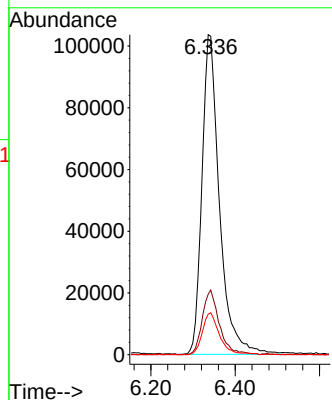
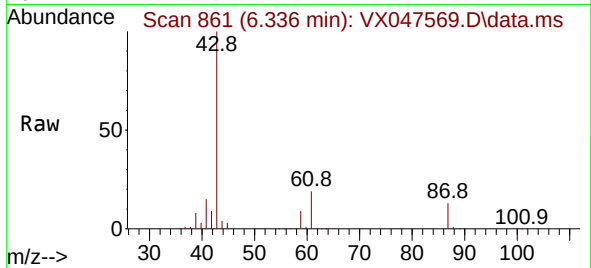




#43
Isopropyl Acetate
Concen: 48.564 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.013 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

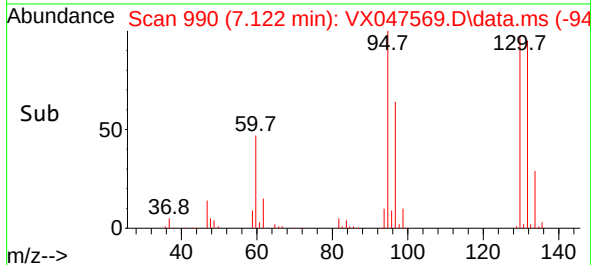
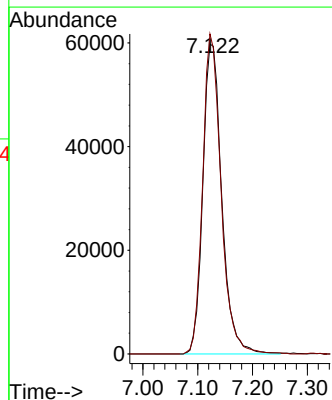
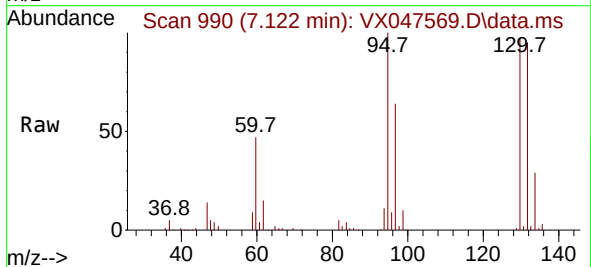
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

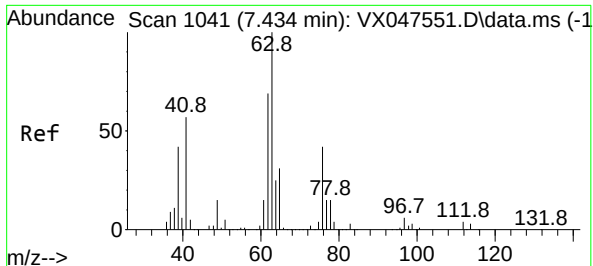
Tgt Ion: 43 Resp: 299991
Ion Ratio Lower Upper
43 100
61 19.6 15.4 23.2
87 12.8 9.9 14.9



#44
Trichloroethene
Concen: 46.513 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.007 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

Tgt Ion:130 Resp: 143507
Ion Ratio Lower Upper
130 100
95 103.2 0.0 206.6





#45

1,2-Dichloropropane

Concen: 47.019 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.007 min

Lab File: VX047569.D

Acq: 29 Aug 2025 15:32

Instrument :

MSVOA_X

ClientSampleId :

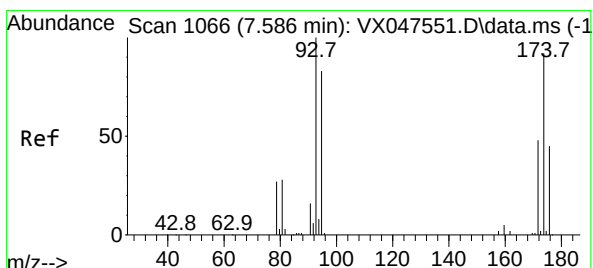
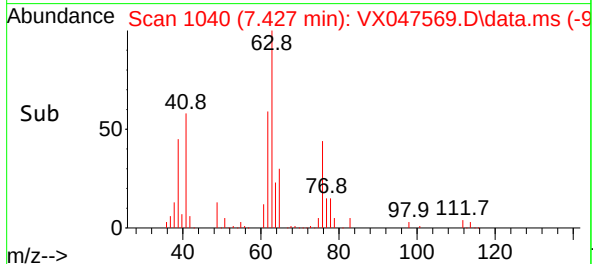
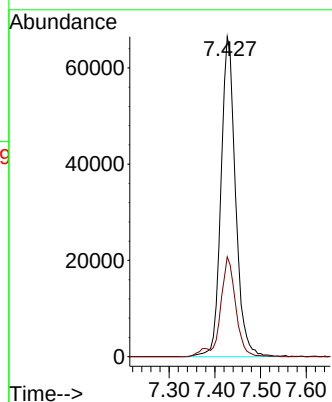
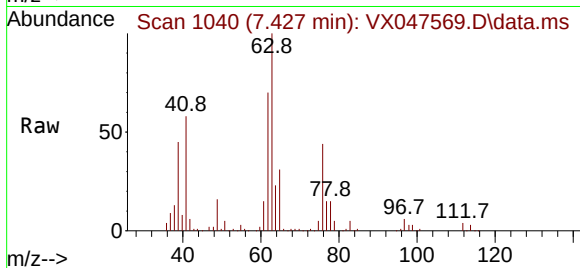
VSTDCCC050EC

Tgt Ion: 63 Resp: 147475

Ion Ratio Lower Upper

63 100

65 31.2 24.7 37.1



#46

Dibromomethane

Concen: 47.148 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.007 min

Lab File: VX047569.D

Acq: 29 Aug 2025 15:32

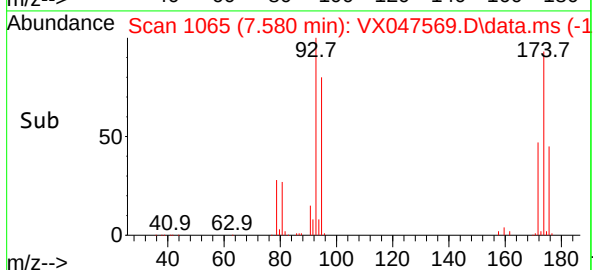
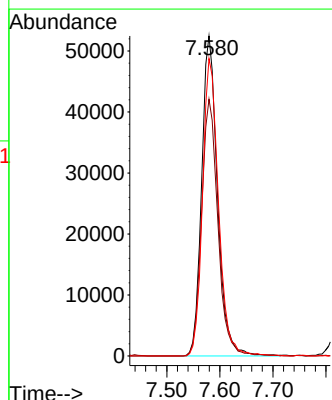
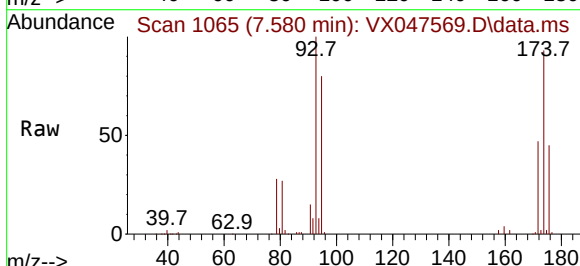
Tgt Ion: 93 Resp: 108863

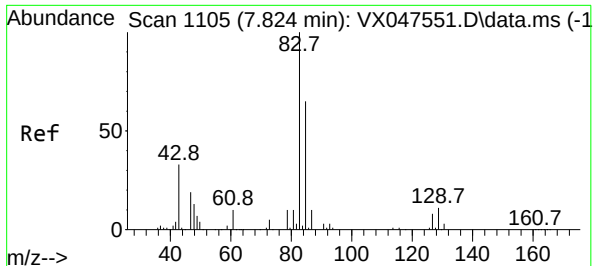
Ion Ratio Lower Upper

93 100

95 82.7 66.7 100.1

174 93.8 75.2 112.8

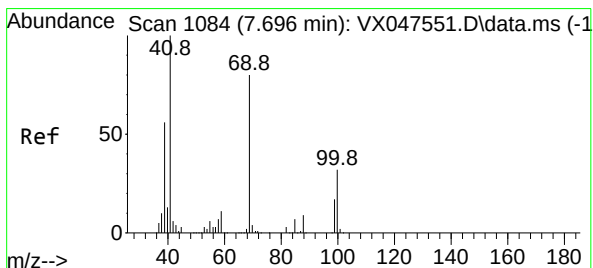
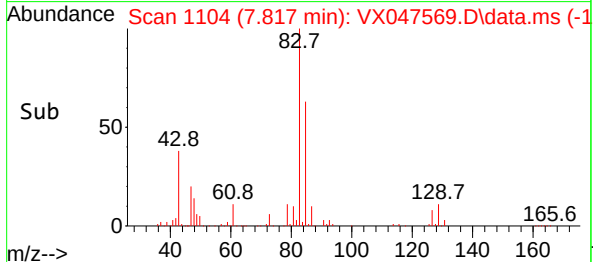
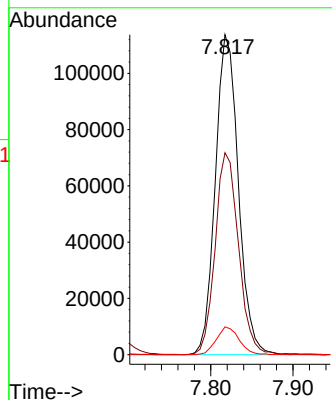
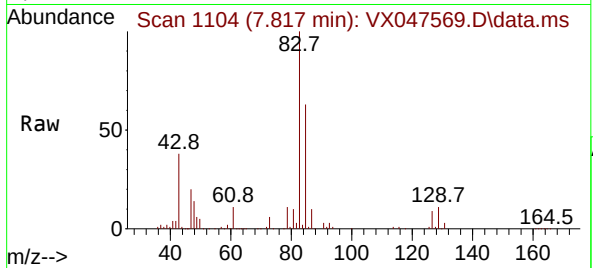




#47
Bromodichloromethane
Concen: 46.900 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.007 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

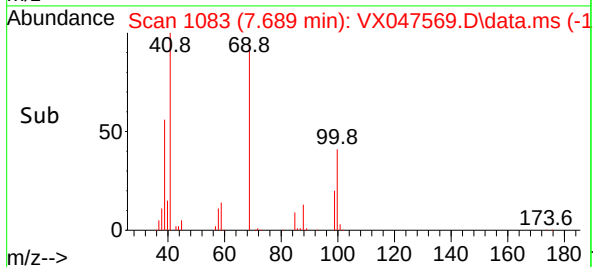
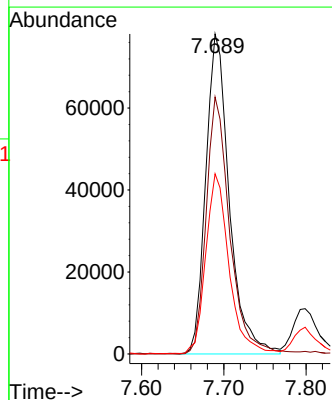
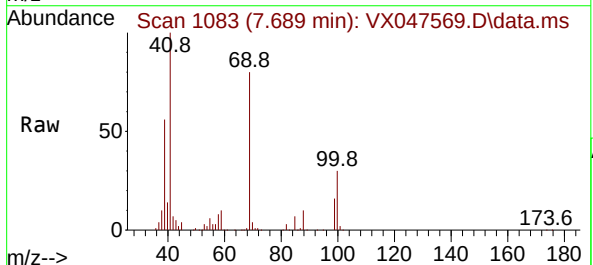
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

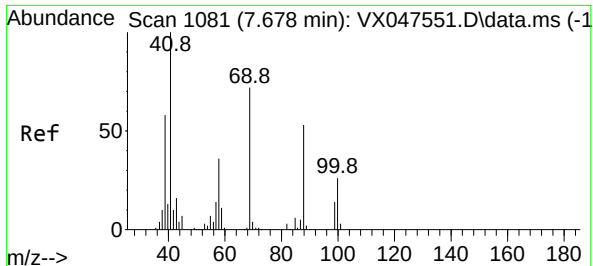
Tgt Ion: 83 Resp: 221463
Ion Ratio Lower Upper
83 100
85 63.0 52.0 78.0
127 8.7 6.8 10.2



#48
Methyl methacrylate
Concen: 48.993 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.007 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

Tgt Ion: 41 Resp: 155684
Ion Ratio Lower Upper
41 100
69 80.0 63.4 95.2
39 55.5 44.7 67.1





#49

1,4-Dioxane

Concen: 947.820 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. -0.000 min

Lab File: VX047569.D

Acq: 29 Aug 2025 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

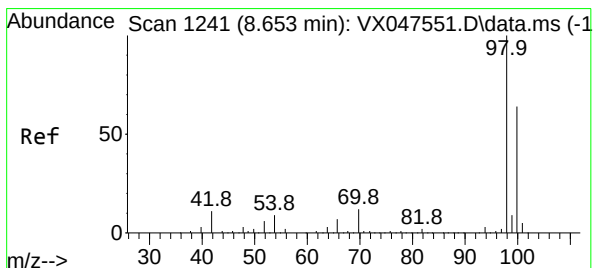
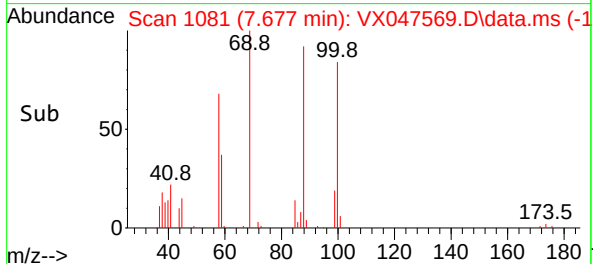
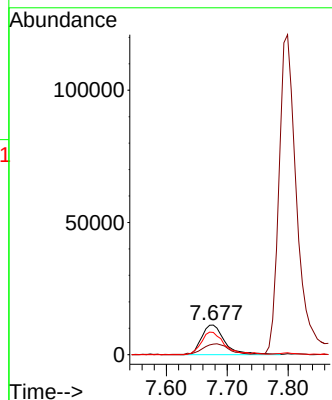
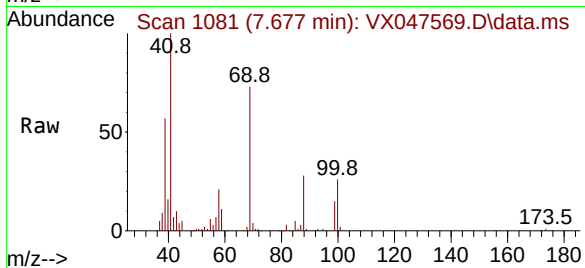
Tgt Ion: 88 Resp: 29794

Ion Ratio Lower Upper

88 100

43 42.2 31.9 47.9

58 76.6 57.5 86.3



#50

Toluene-d8

Concen: 48.986 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.007 min

Lab File: VX047569.D

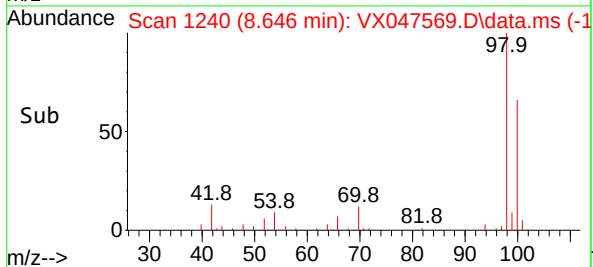
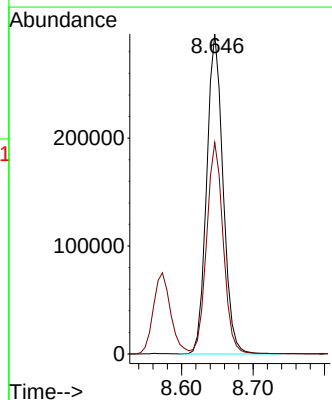
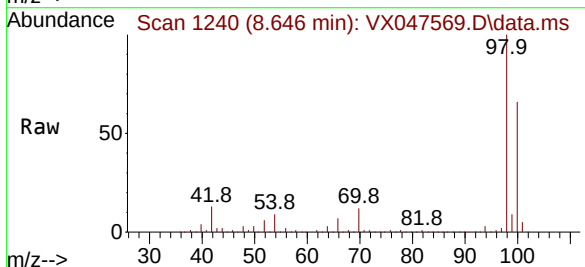
Acq: 29 Aug 2025 15:32

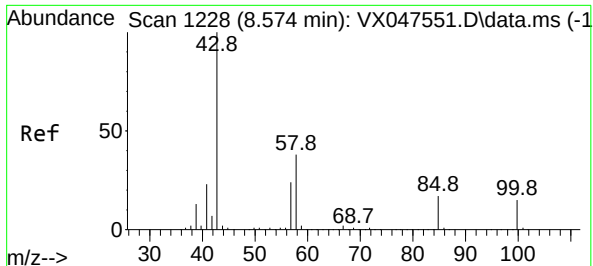
Tgt Ion: 98 Resp: 470585

Ion Ratio Lower Upper

98 100

100 67.0 53.5 80.3

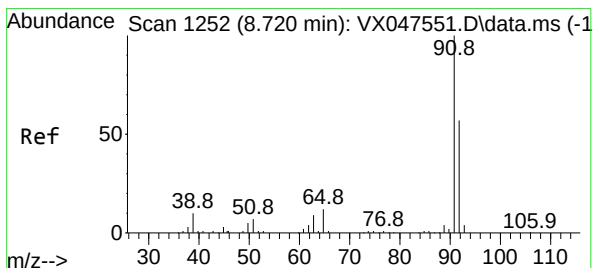
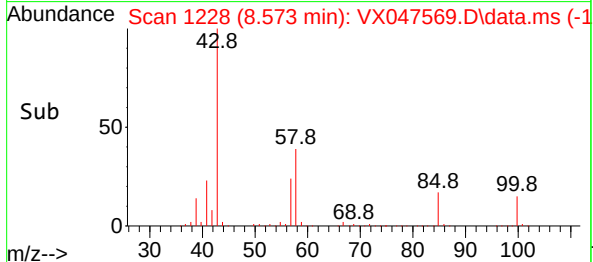
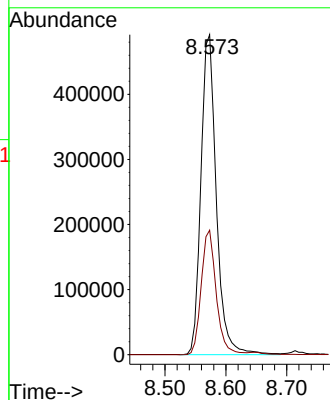
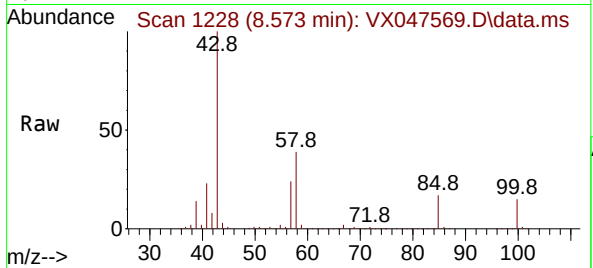




#51
4-Methyl-2-Pentanone
Concen: 236.166 ug/l
RT: 8.573 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

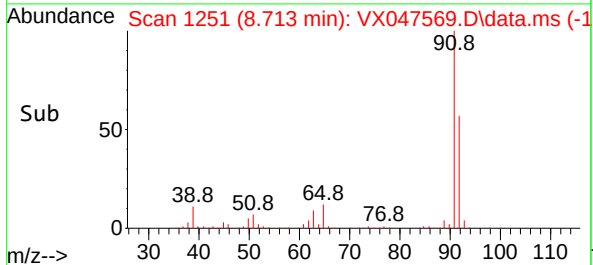
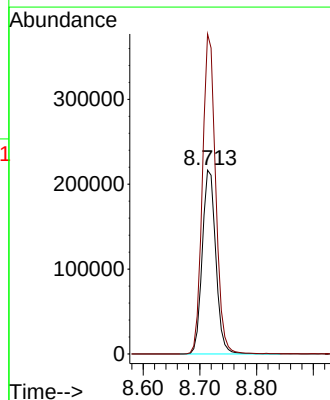
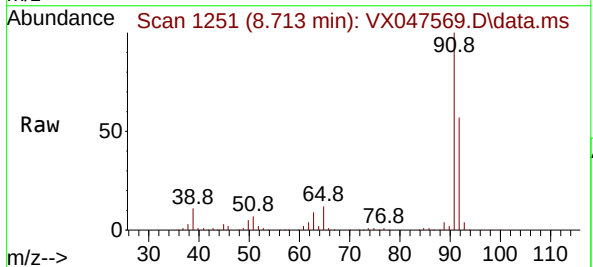
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

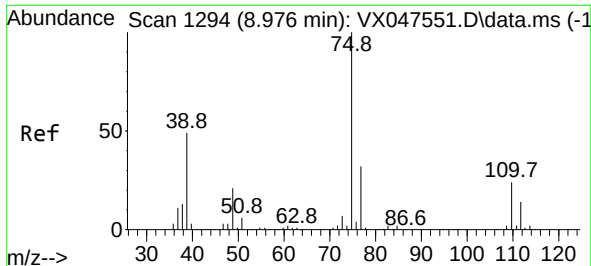
Tgt Ion: 43 Resp: 861966
Ion Ratio Lower Upper
43 100
58 38.0 30.4 45.6



#52
Toluene
Concen: 47.261 ug/l
RT: 8.713 min Scan# 1251
Delta R.T. -0.007 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

Tgt Ion: 92 Resp: 358647
Ion Ratio Lower Upper
92 100
91 170.0 137.8 206.8





#53

t-1,3-Dichloropropene

Concen: 48.633 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX047569.D

Acq: 29 Aug 2025 15:32

Instrument :

MSVOA_X

ClientSampleId :

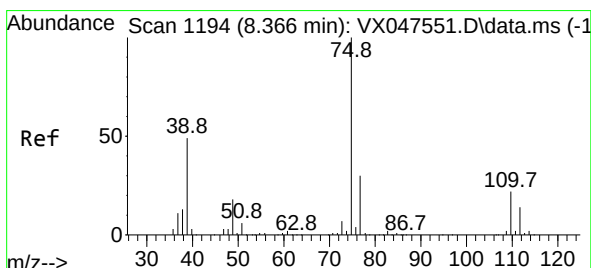
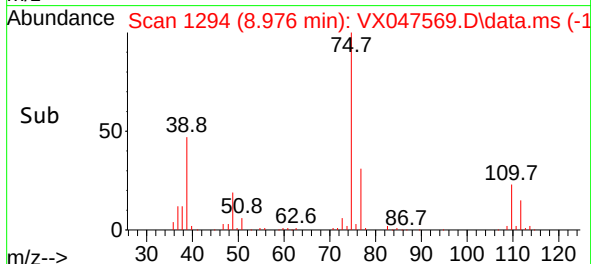
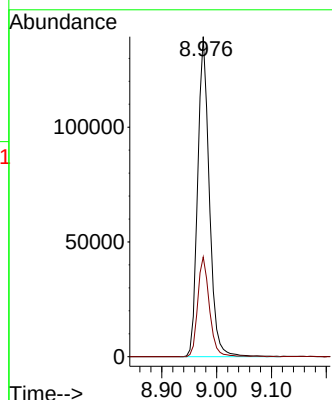
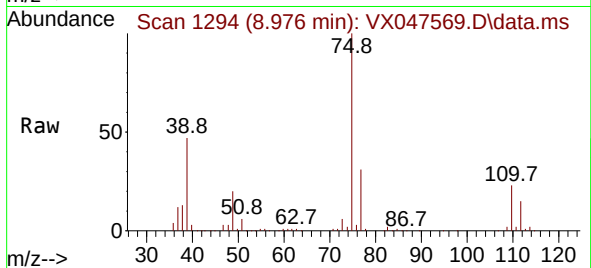
VSTDCCC050EC

Tgt Ion: 75 Resp: 206893

Ion Ratio Lower Upper

75 100

77 31.1 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 48.195 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX047569.D

Acq: 29 Aug 2025 15:32

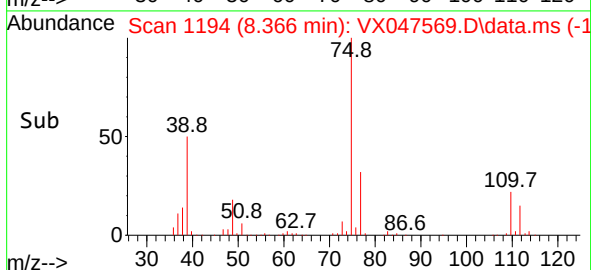
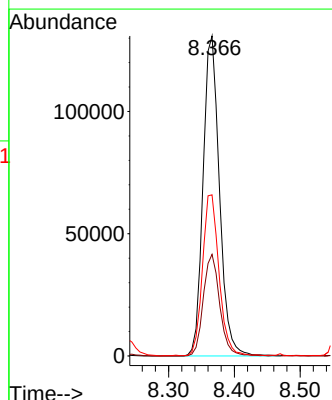
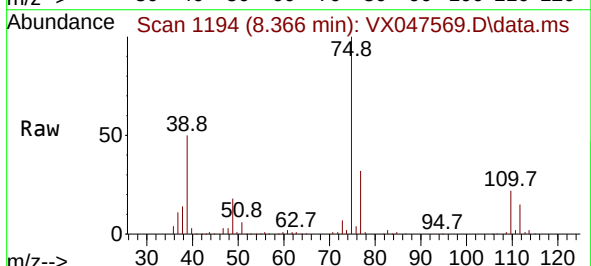
Tgt Ion: 75 Resp: 227178

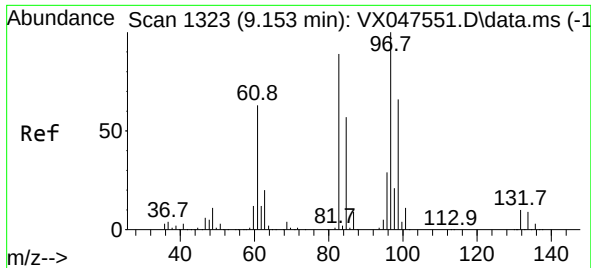
Ion Ratio Lower Upper

75 100

77 31.7 24.3 36.5

39 49.7 39.0 58.4



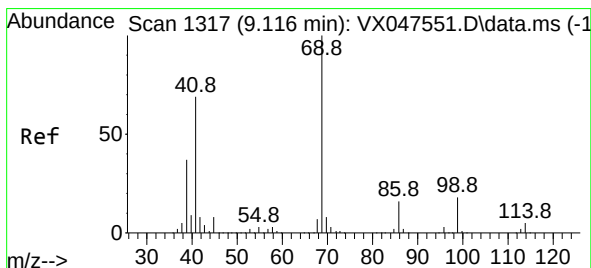
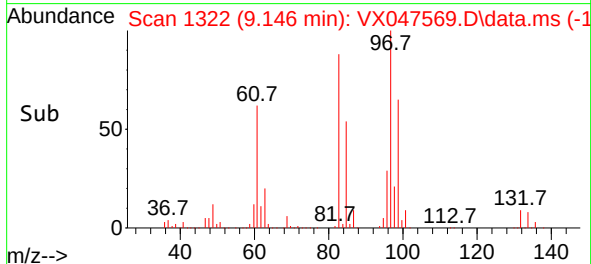
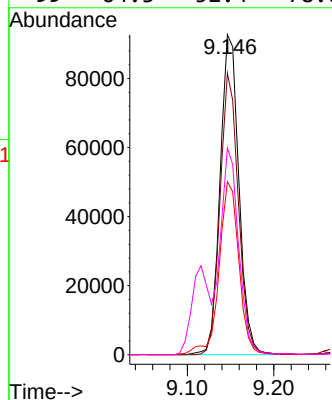
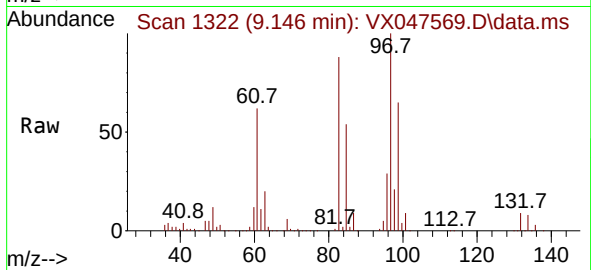


#55
1,1,2-Trichloroethane
Concen: 47.269 ug/l
RT: 9.146 min Scan# 11
Delta R.T. -0.007 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 139936

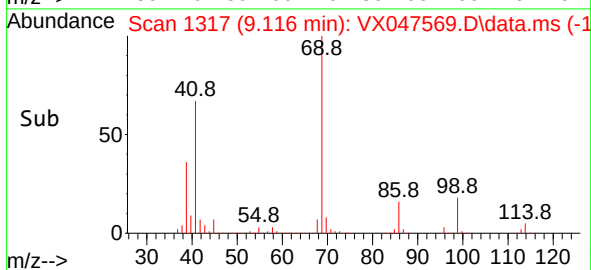
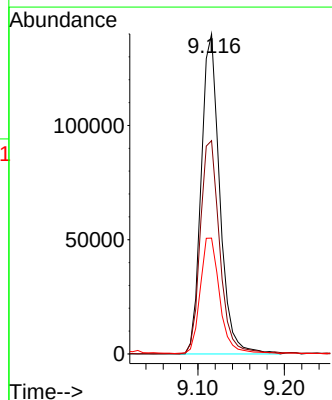
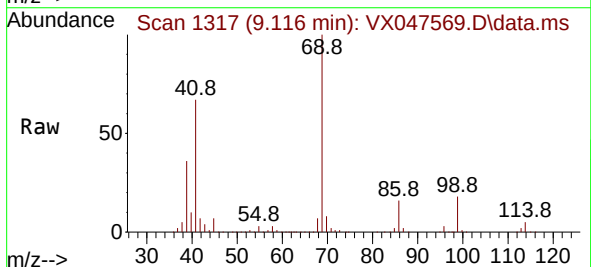
Ion	Ratio	Lower	Upper
97	100		
83	87.9	71.4	107.0
85	53.8	45.6	68.4
99	64.3	52.4	78.6

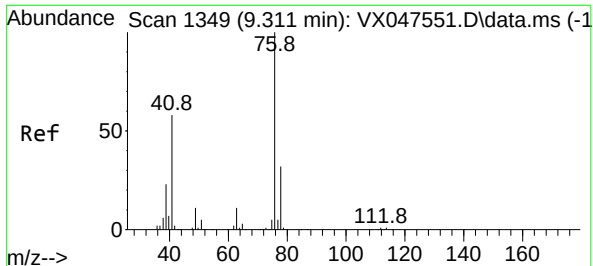


#56
Ethyl methacrylate
Concen: 47.547 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

Tgt Ion: 69 Resp: 208370

Ion	Ratio	Lower	Upper
69	100		
41	69.4	55.0	82.4
39	37.9	29.8	44.6





#57

1,3-Dichloropropane

Concen: 46.502 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.007 min

Lab File: VX047569.D

Acq: 29 Aug 2025 15:32

Instrument :

MSVOA_X

ClientSampleId :

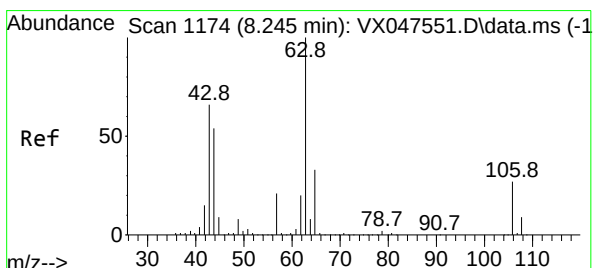
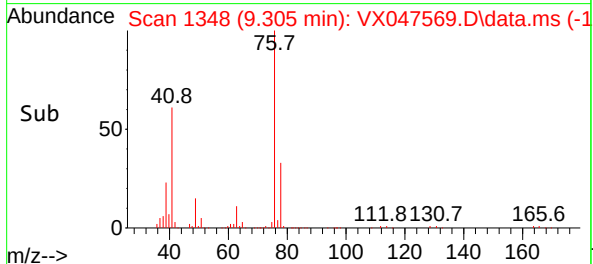
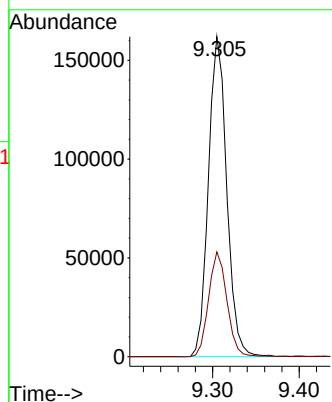
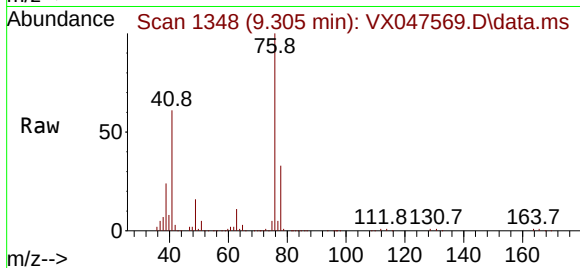
VSTDCCC050EC

Tgt Ion: 76 Resp: 238344

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 247.638 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.007 min

Lab File: VX047569.D

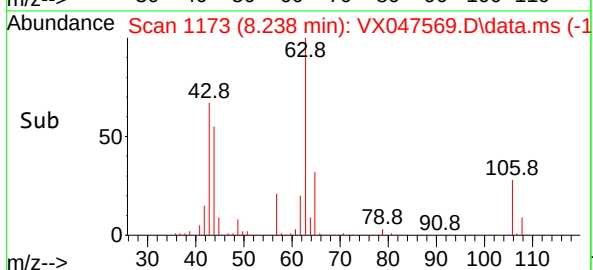
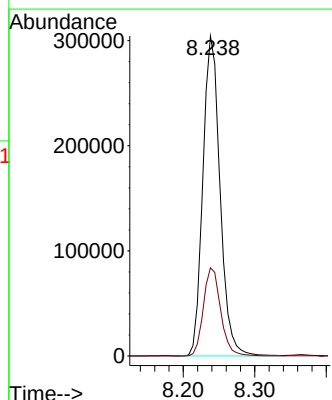
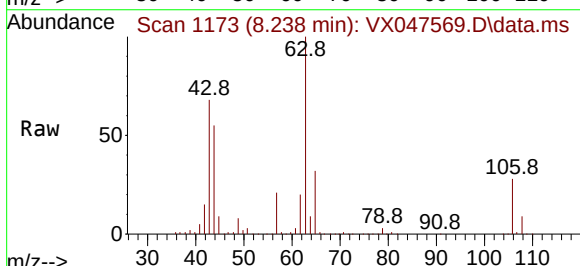
Acq: 29 Aug 2025 15:32

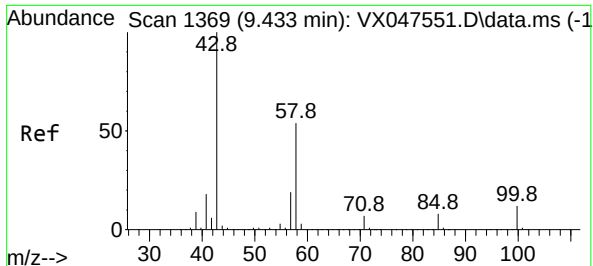
Tgt Ion: 63 Resp: 508625

Ion Ratio Lower Upper

63 100

106 27.8 22.2 33.4

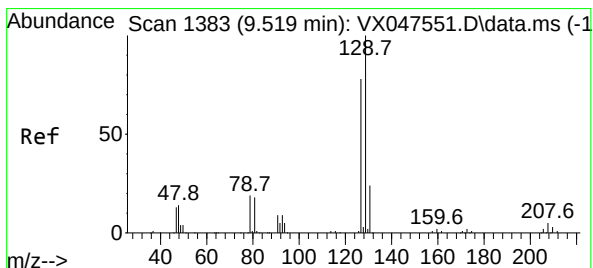
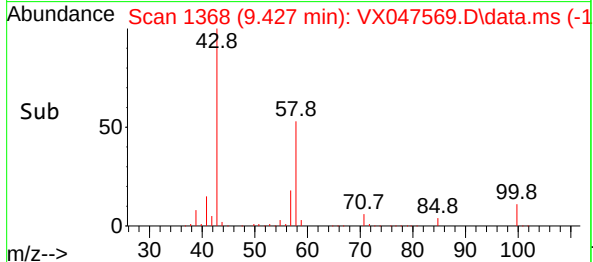
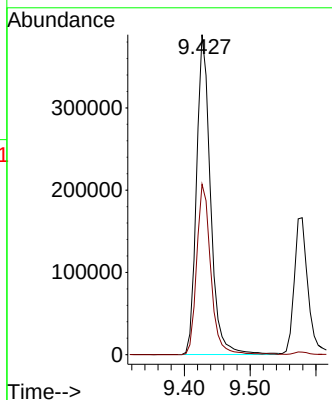
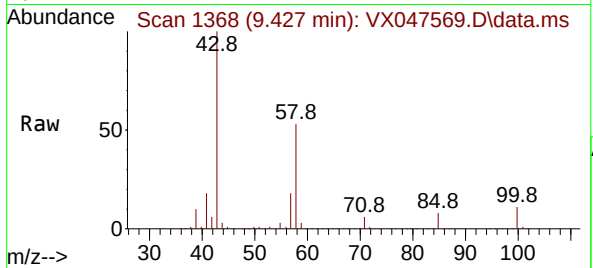




#59
2-Hexanone
Concen: 230.371 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.007 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

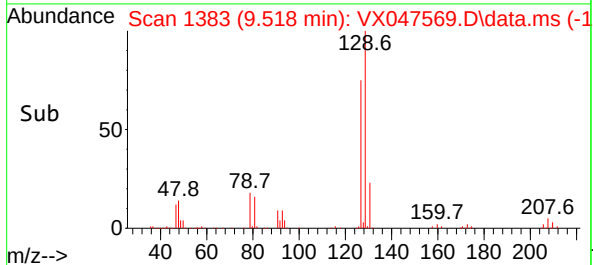
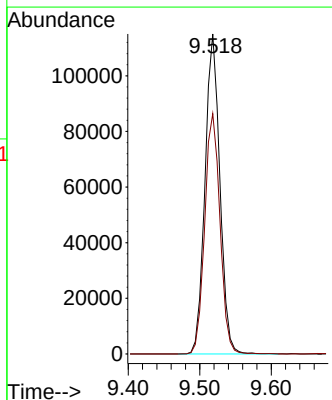
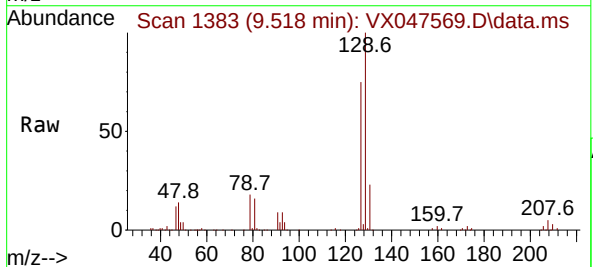
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

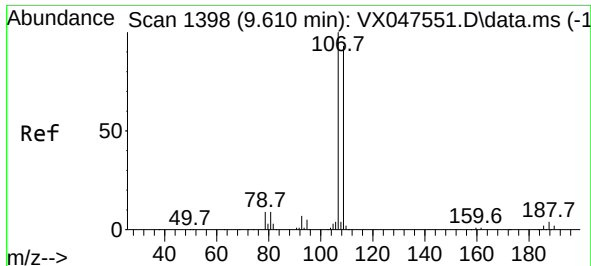
Tgt Ion: 43 Resp: 574395
Ion Ratio Lower Upper
43 100
58 53.8 26.7 80.0



#60
Dibromochloromethane
Concen: 46.984 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

Tgt Ion:129 Resp: 166164
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.3

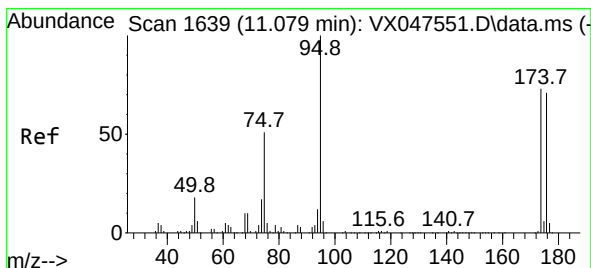
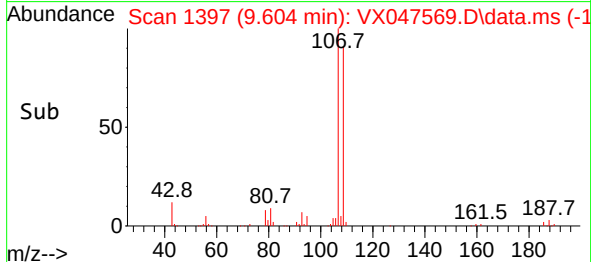
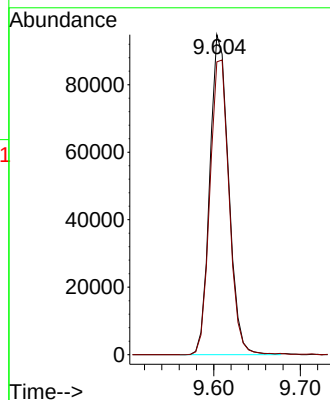
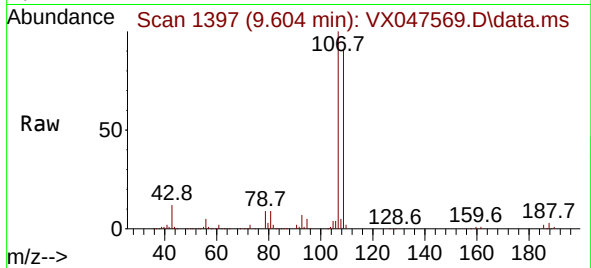




#61
1,2-Dibromoethane
Concen: 47.555 ug/l
RT: 9.604 min Scan# 11
Delta R.T. -0.007 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

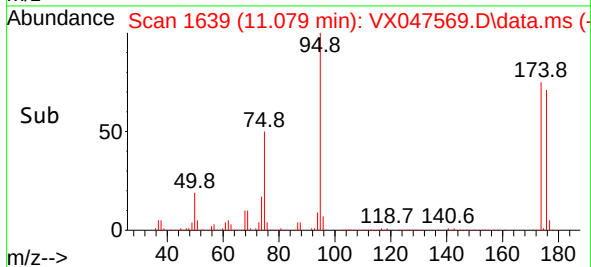
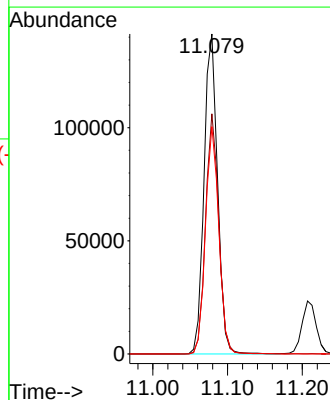
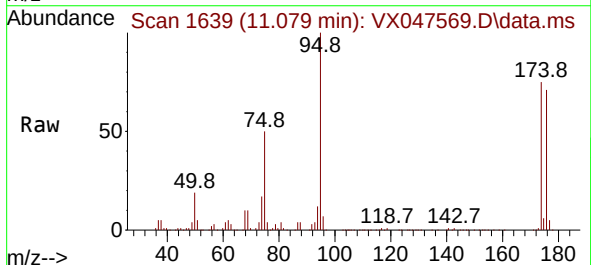
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

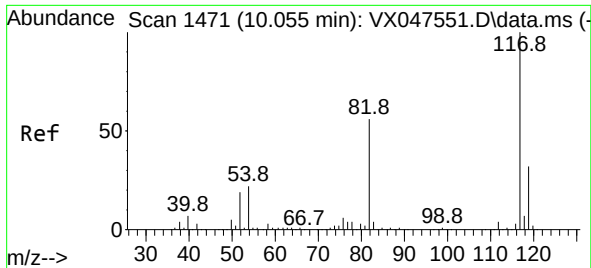
Tgt Ion:107 Resp: 143269
Ion Ratio Lower Upper
107 100
109 93.9 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 49.205 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

Tgt Ion: 95 Resp: 177581
Ion Ratio Lower Upper
95 100
174 73.4 0.0 145.2
176 70.1 0.0 140.4

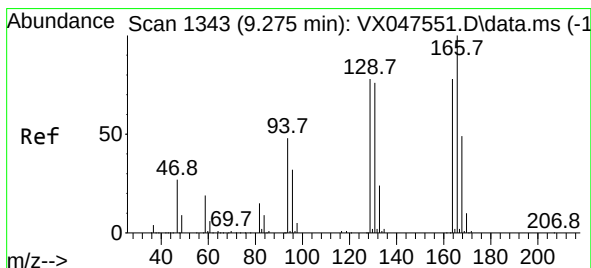
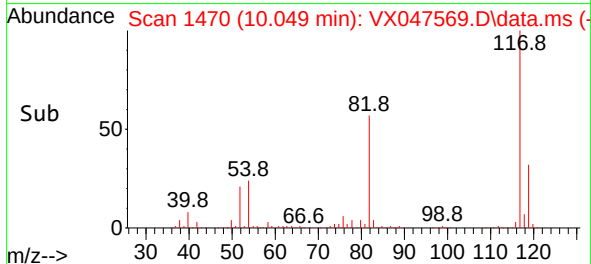
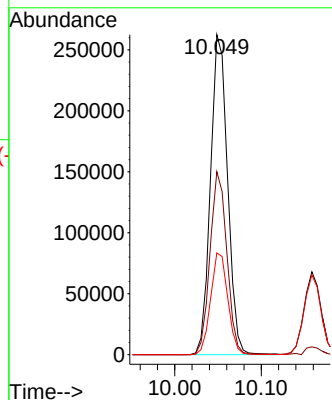
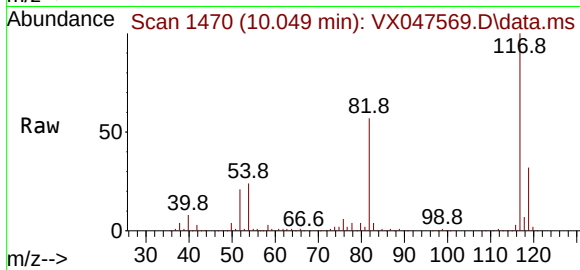




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.007 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

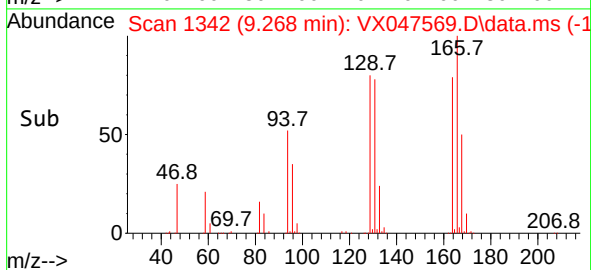
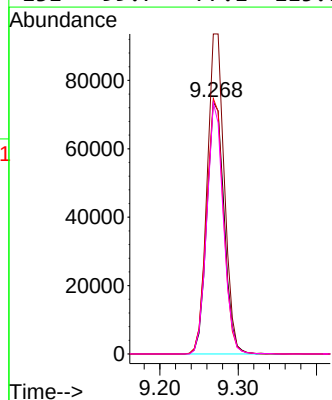
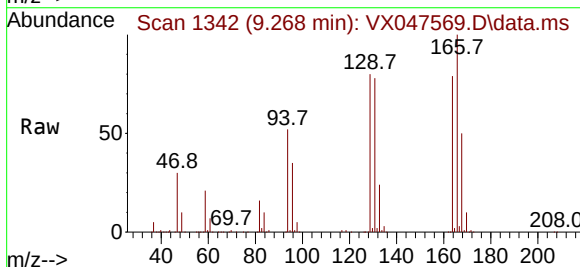
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

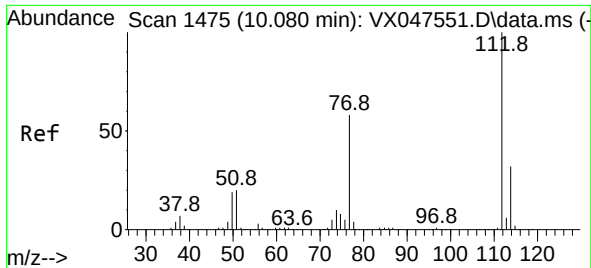
Tgt Ion:117 Resp: 359519
Ion Ratio Lower Upper
117 100
82 57.2 44.6 66.8
119 31.8 25.7 38.5



#64
Tetrachloroethene
Concen: 46.564 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.007 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

Tgt Ion:164 Resp: 112154
Ion Ratio Lower Upper
164 100
166 127.0 102.1 153.1
129 101.4 79.3 118.9
131 99.7 77.1 115.7

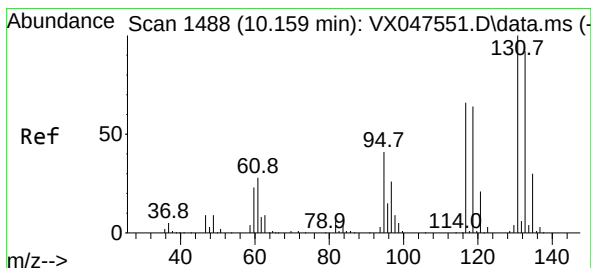
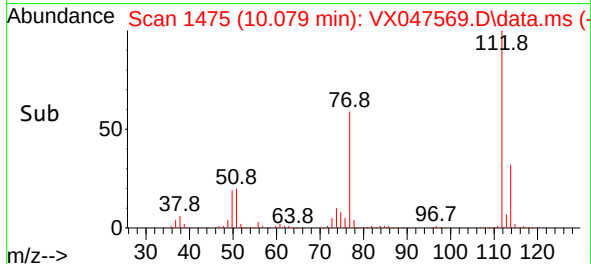
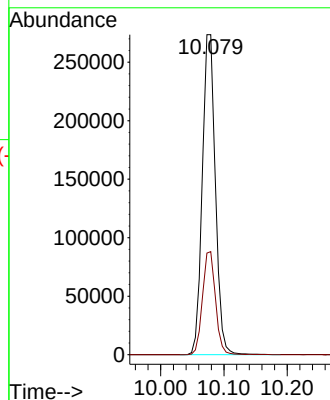
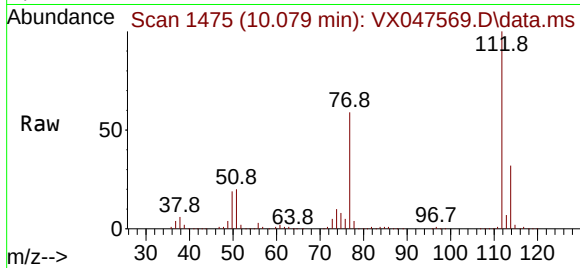




#65
Chlorobenzene
Concen: 46.951 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

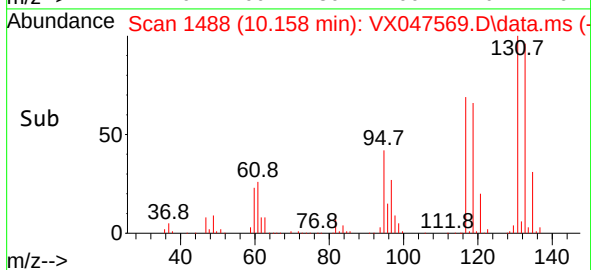
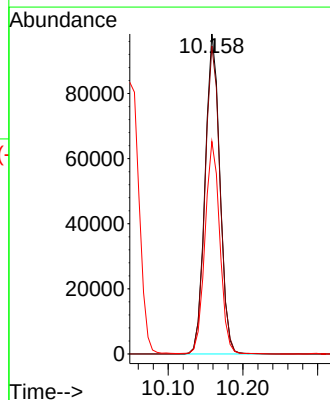
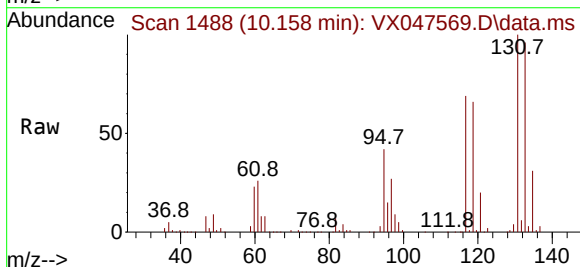
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

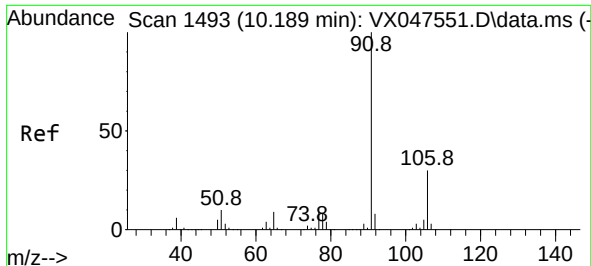
Tgt Ion:112 Resp: 395149
Ion Ratio Lower Upper
112 100
114 32.2 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 47.220 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

Tgt Ion:131 Resp: 134761
Ion Ratio Lower Upper
131 100
133 97.2 47.4 142.3
119 66.6 32.6 97.7





#67

Ethyl Benzene

Concen: 47.590 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX047569.D

Acq: 29 Aug 2025 15:32

Instrument :

MSVOA_X

ClientSampleId :

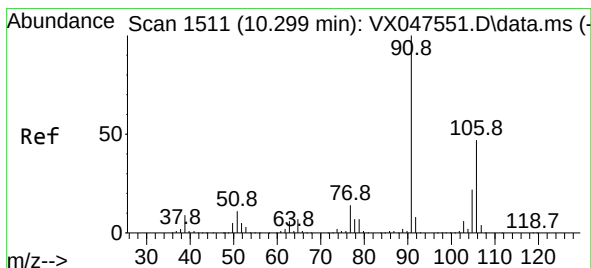
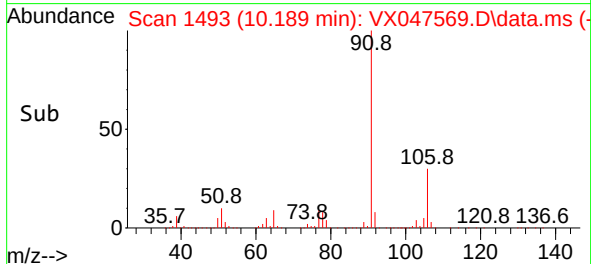
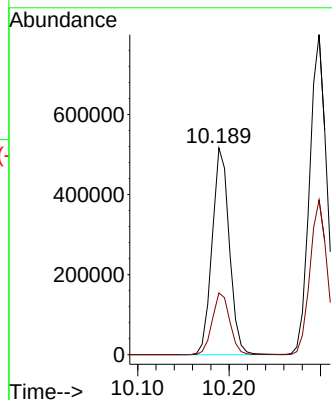
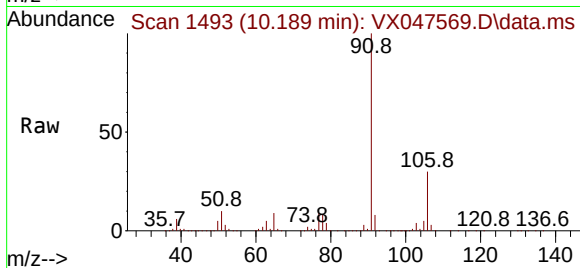
VSTDCCC050EC

Tgt Ion: 91 Resp: 673046

Ion Ratio Lower Upper

91 100

106 29.9 23.9 35.9



#68

m/p-Xylenes

Concen: 96.934 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX047569.D

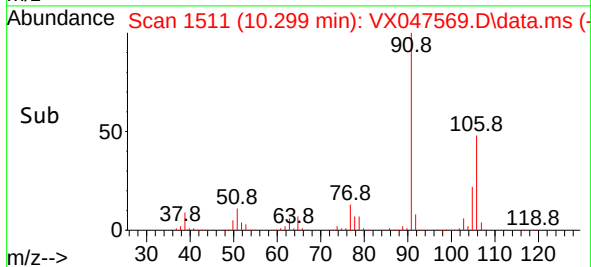
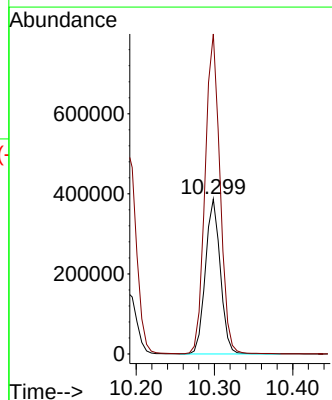
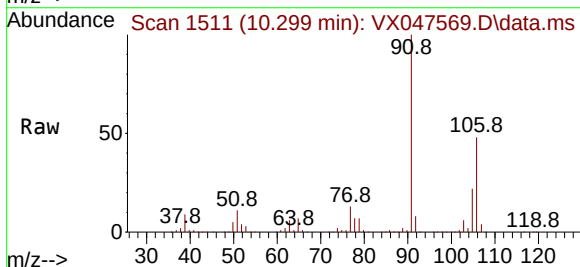
Acq: 29 Aug 2025 15:32

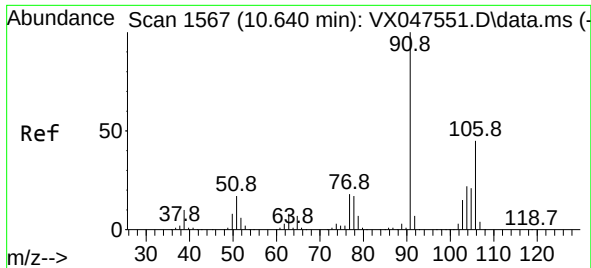
Tgt Ion: 106 Resp: 509179

Ion Ratio Lower Upper

106 100

91 207.4 166.1 249.1

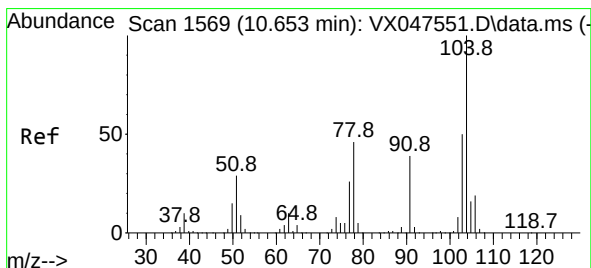
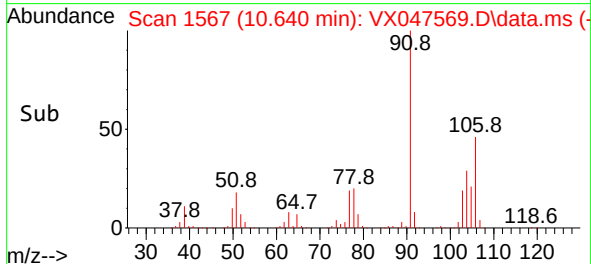
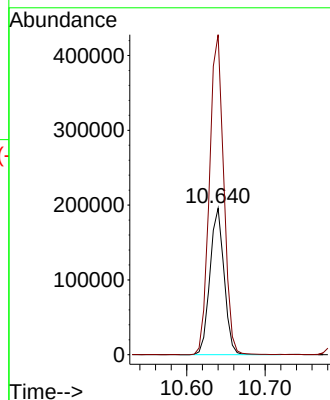
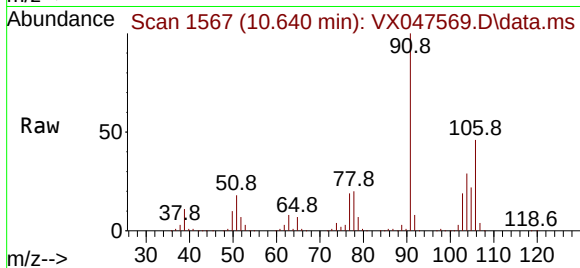




#69
o-Xylene
Concen: 48.462 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

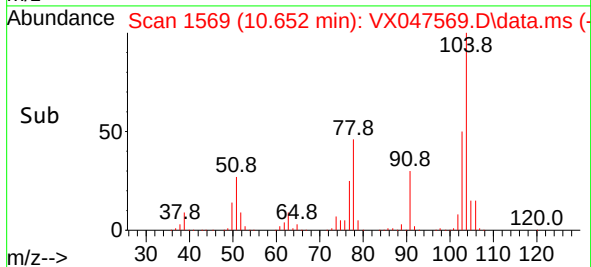
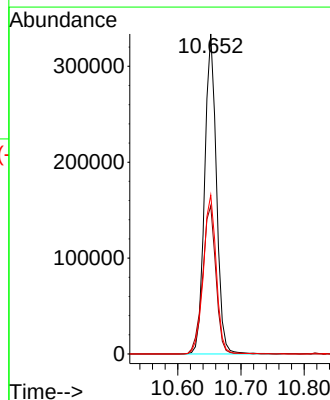
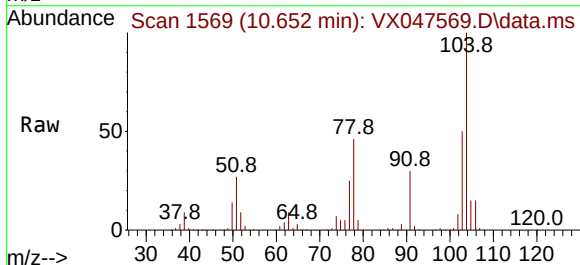
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

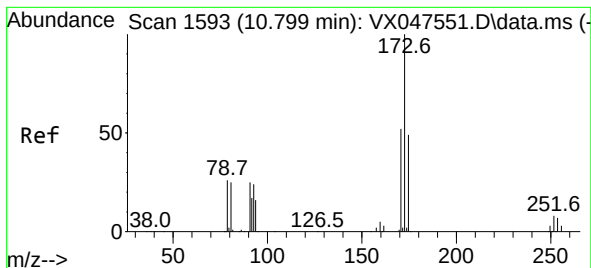
Tgt Ion:106 Resp: 245226
Ion Ratio Lower Upper
106 100
91 221.1 109.9 329.7



#70
Styrene
Concen: 49.521 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

Tgt Ion:104 Resp: 434806
Ion Ratio Lower Upper
104 100
78 52.0 41.6 62.4
103 54.1 43.0 64.4





#71

Bromoform

Concen: 48.494 ug/l

RT: 10.798 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047569.D

Acq: 29 Aug 2025 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

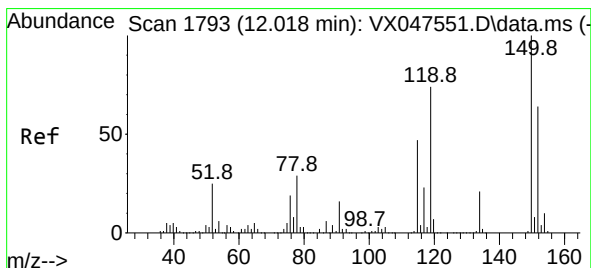
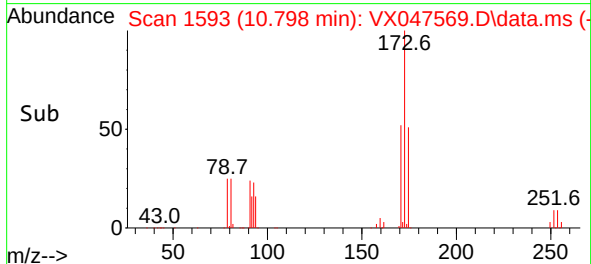
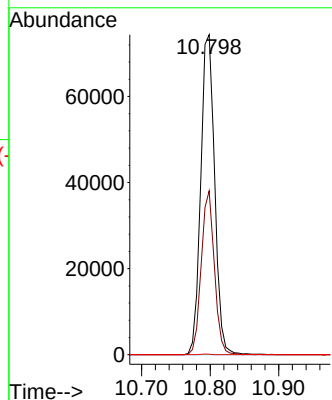
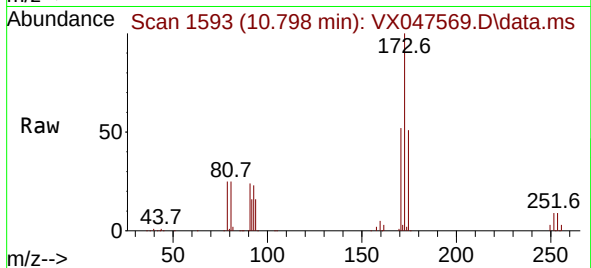
Tgt Ion:173 Resp: 105383

Ion Ratio Lower Upper

173 100

175 48.3 24.5 73.5

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX047569.D

Acq: 29 Aug 2025 15:32

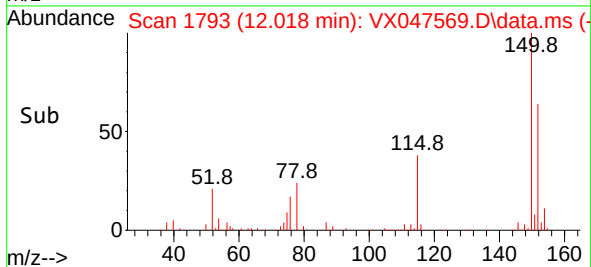
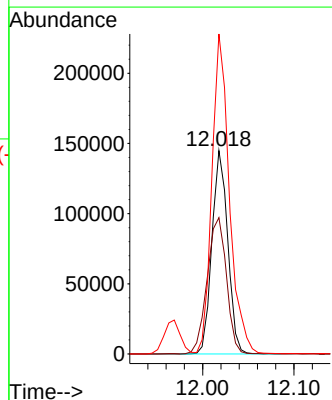
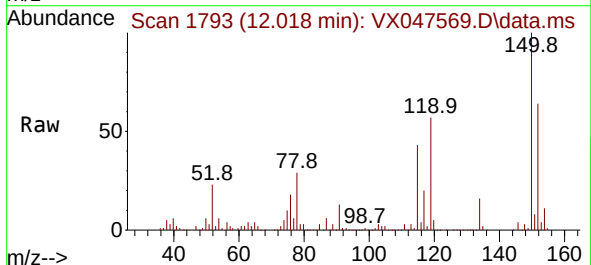
Tgt Ion:152 Resp: 173452

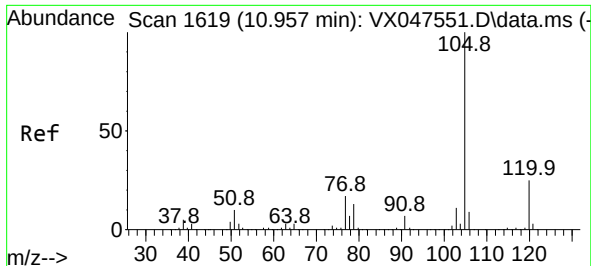
Ion Ratio Lower Upper

152 100

115 82.0 42.9 128.5

150 173.6 0.0 351.0

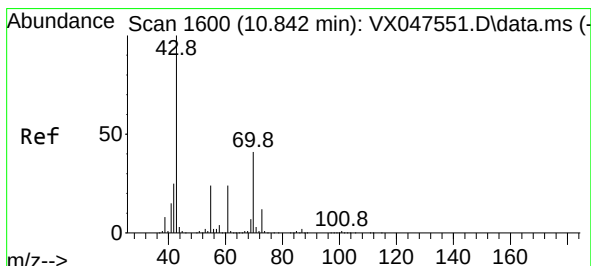
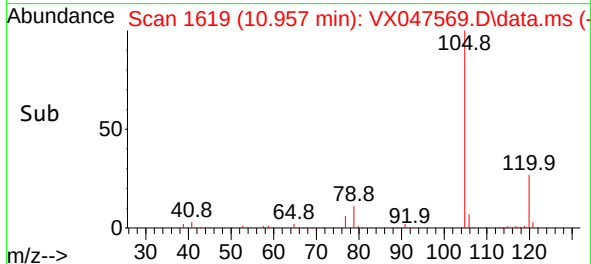
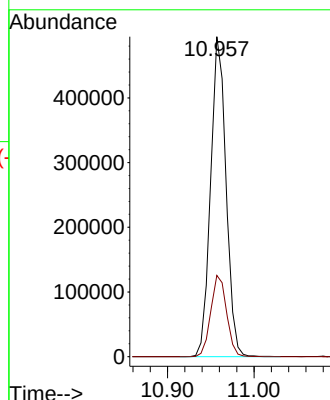
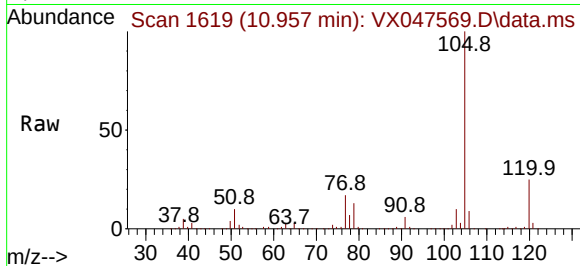




#73
Isopropylbenzene
Concen: 47.978 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

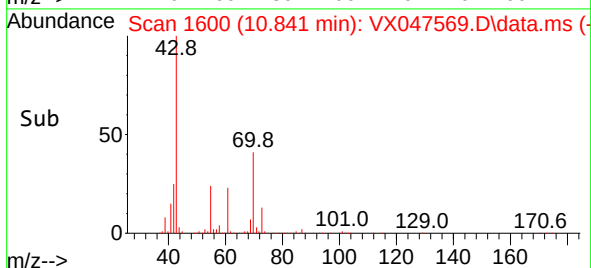
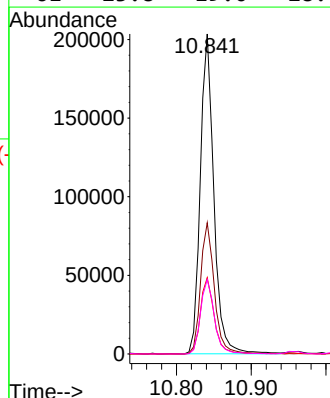
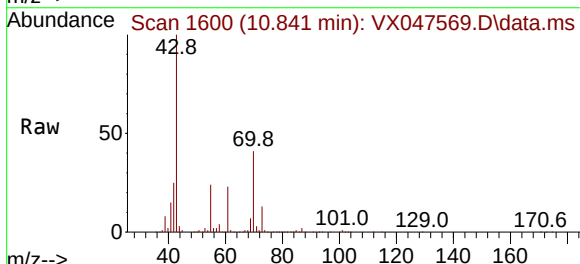
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

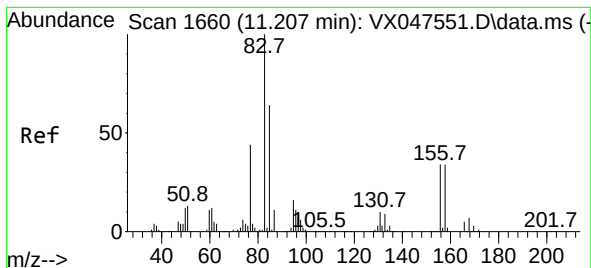
Tgt Ion:105 Resp: 612358
Ion Ratio Lower Upper
105 100
120 26.0 12.8 38.4



#74
N-ethyl acetate
Concen: 48.609 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

Tgt Ion: 43 Resp: 256202
Ion Ratio Lower Upper
43 100
70 41.7 32.9 49.3
55 24.4 19.2 28.8
61 23.8 19.0 28.6





#75

1,1,2-Tetrachloroethane

Concen: 47.860 ug/l

RT: 11.207 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047569.D

Acq: 29 Aug 2025 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

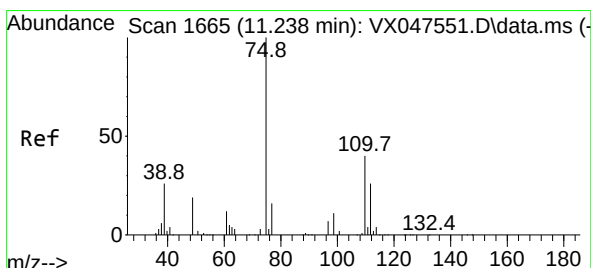
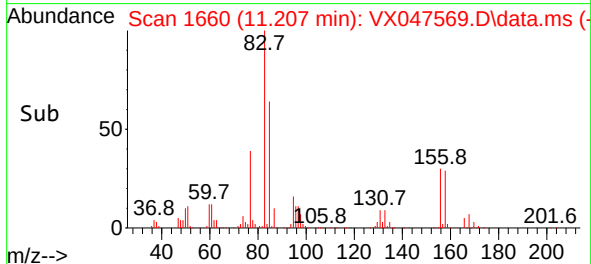
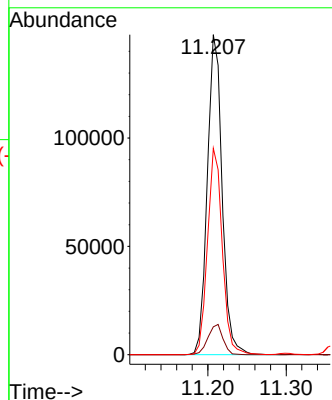
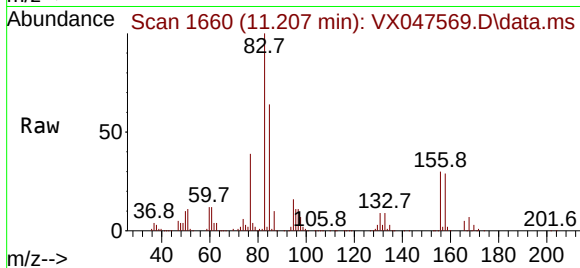
Tgt Ion: 83 Resp: 193097

Ion Ratio Lower Upper

83 100

131 9.7 5.1 15.3

85 64.3 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 58.692 ug/l

RT: 11.237 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX047569.D

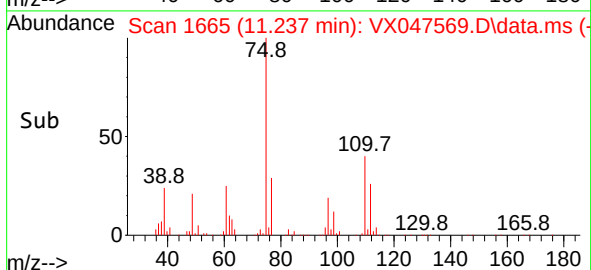
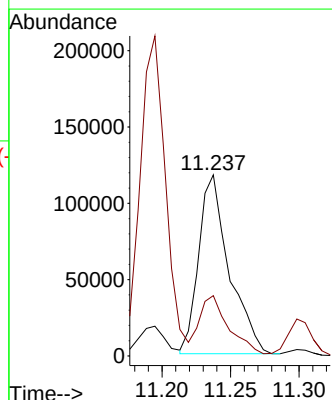
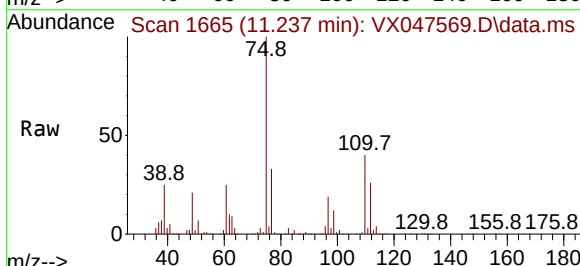
Acq: 29 Aug 2025 15:32

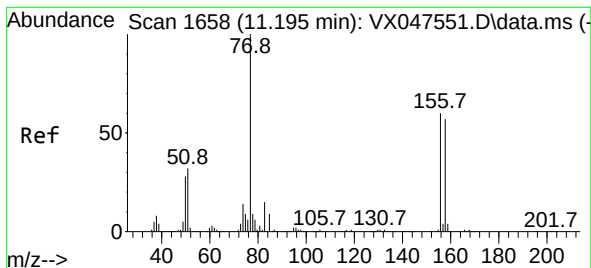
Tgt Ion: 75 Resp: 181693

Ion Ratio Lower Upper

75 100

77 33.0 19.7 59.1





#77

Bromobenzene

Concen: 48.486 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047569.D

Acq: 29 Aug 2025 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

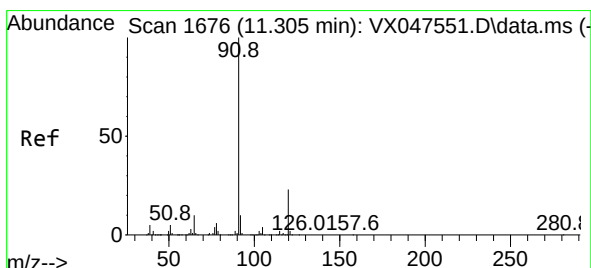
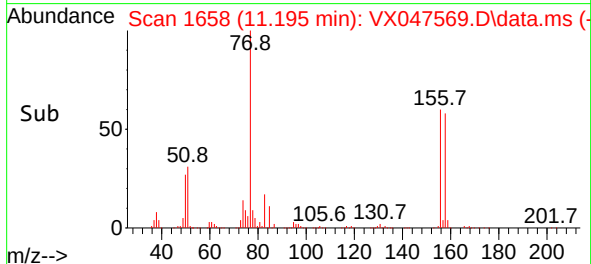
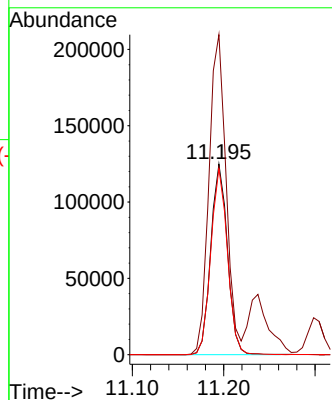
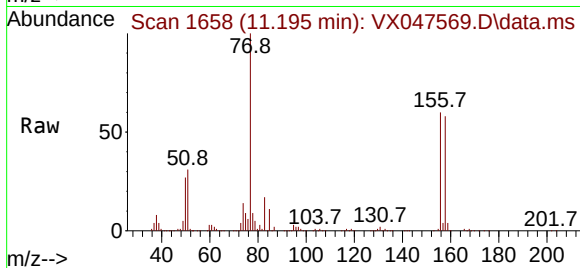
Tgt Ion:156 Resp: 158311

Ion Ratio Lower Upper

156 100

77 172.0 84.4 253.1

158 97.2 47.4 142.3



#78

n-propylbenzene

Concen: 47.281 ug/l

RT: 11.298 min Scan# 1675

Delta R.T. -0.007 min

Lab File: VX047569.D

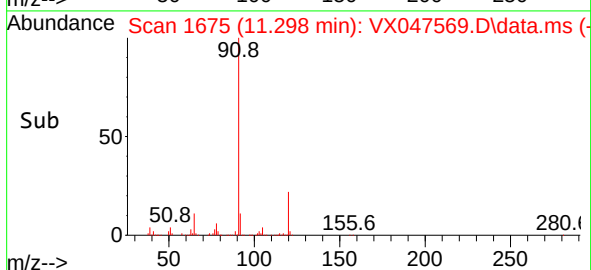
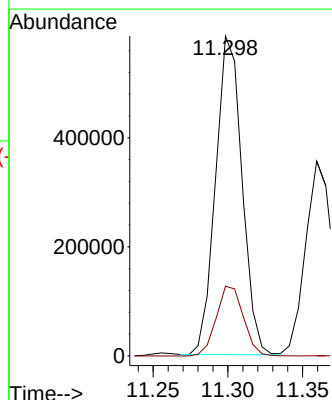
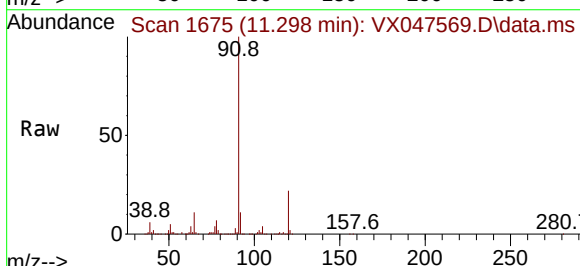
Acq: 29 Aug 2025 15:32

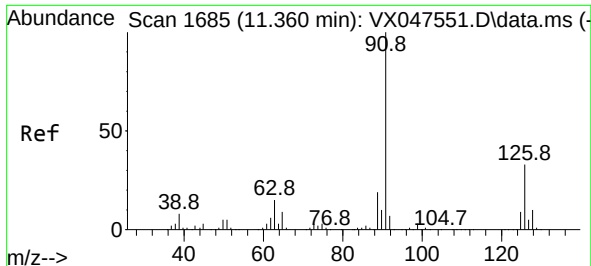
Tgt Ion: 91 Resp: 718480

Ion Ratio Lower Upper

91 100

120 22.5 11.2 33.6

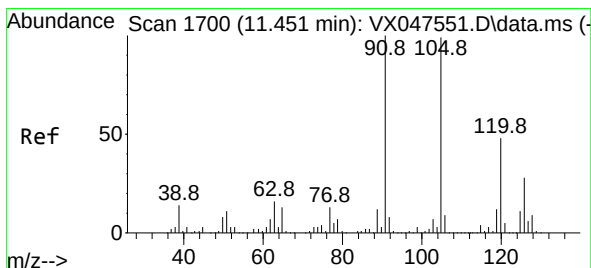
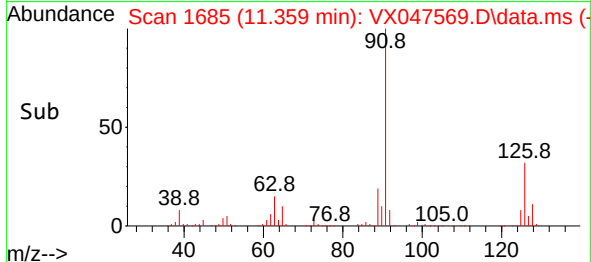
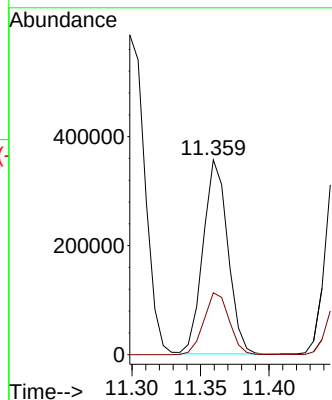
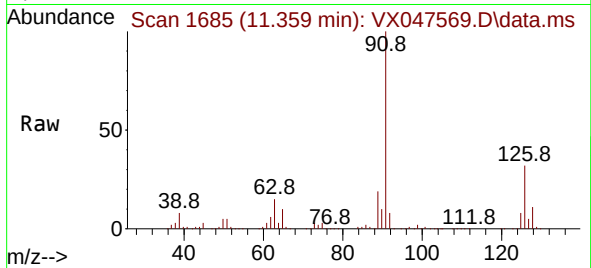




#79
2-Chlorotoluene
Concen: 47.387 ug/l
RT: 11.359 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

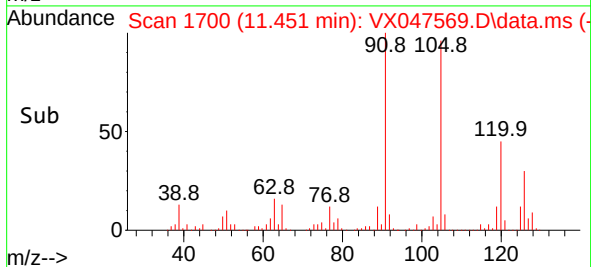
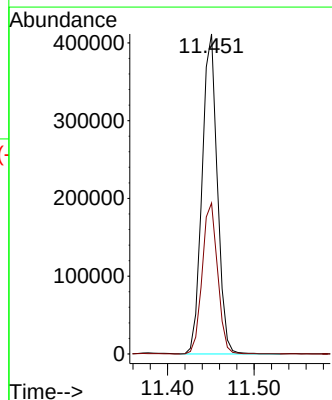
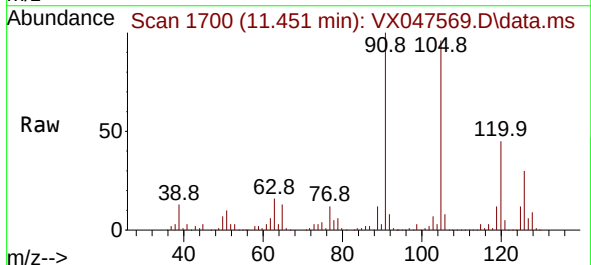
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

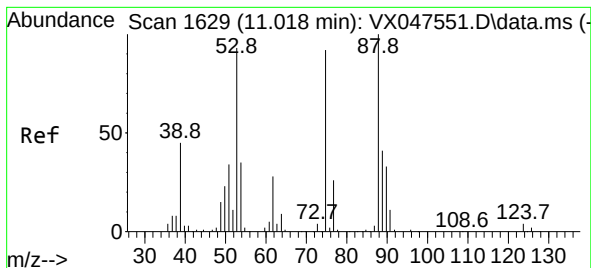
Tgt Ion: 91 Resp: 446571
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.2



#80
1,3,5-Trimethylbenzene
Concen: 48.252 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

Tgt Ion: 105 Resp: 503546
Ion Ratio Lower Upper
105 100
120 47.6 23.8 71.5

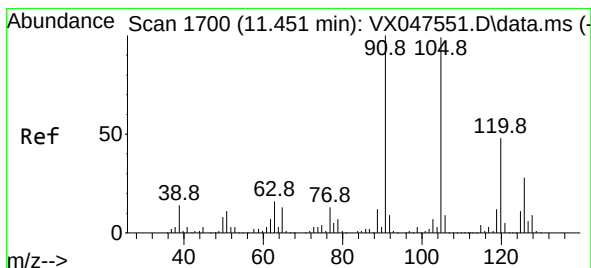
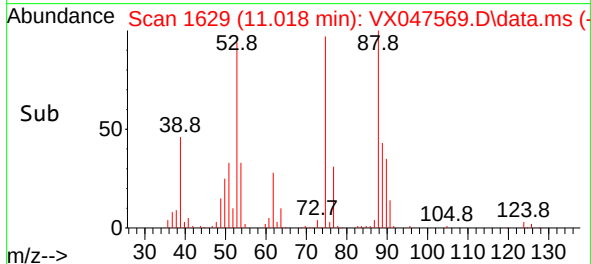
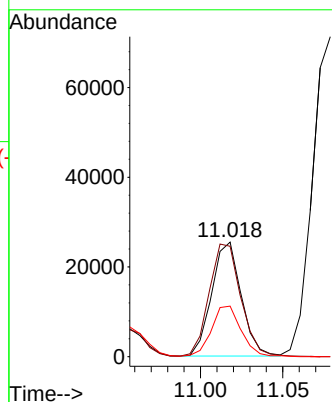
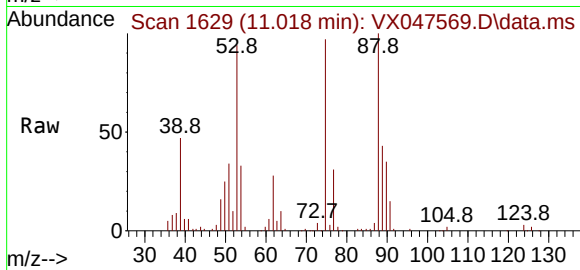




#81
trans-1,4-Dichloro-2-butene
Concen: 41.243 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

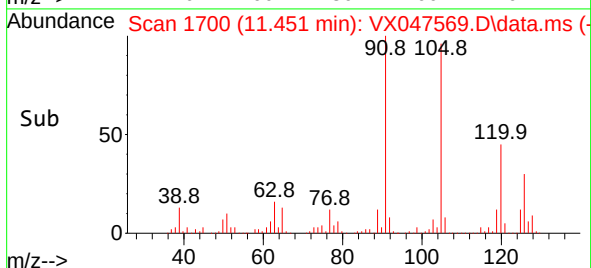
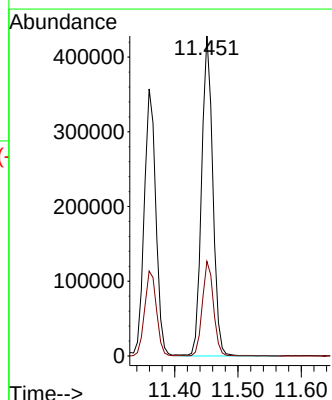
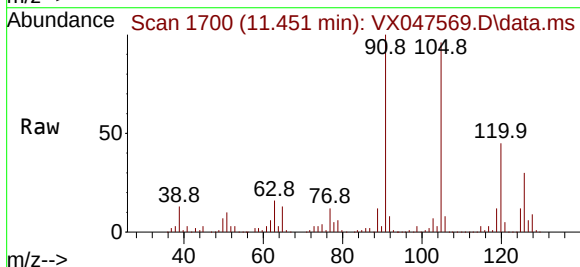
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

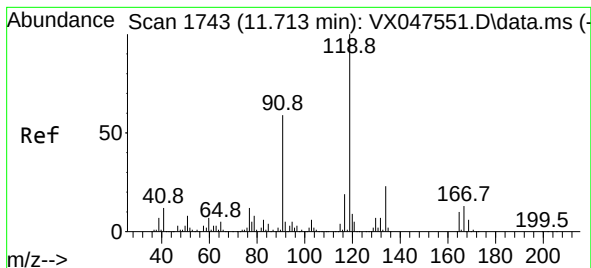
Tgt Ion: 75 Resp: 31676
Ion Ratio Lower Upper
75 100
53 106.8 85.7 128.5
89 45.0 36.4 54.6



#82
4-Chlorotoluene
Concen: 47.786 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

Tgt Ion: 91 Resp: 528399
Ion Ratio Lower Upper
91 100
126 29.4 14.6 43.8





#83

tert-Butylbenzene

Concen: 46.816 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX047569.D

Acq: 29 Aug 2025 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

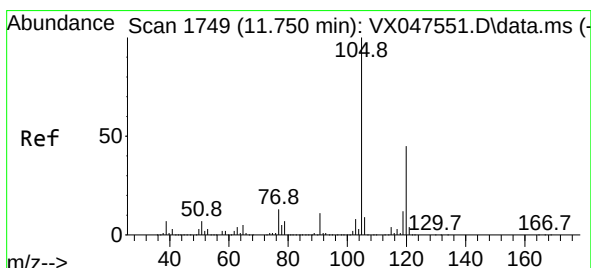
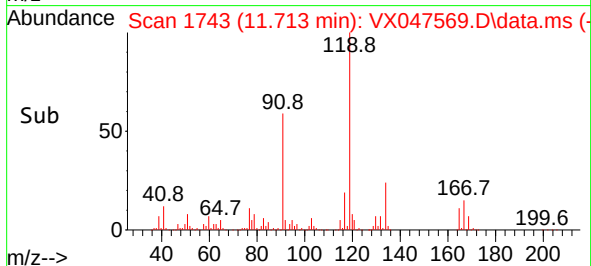
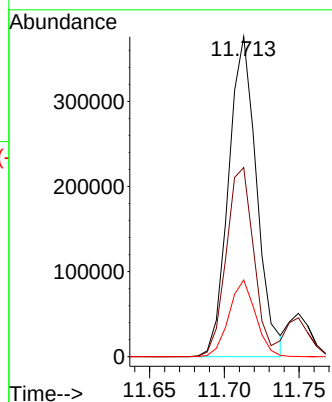
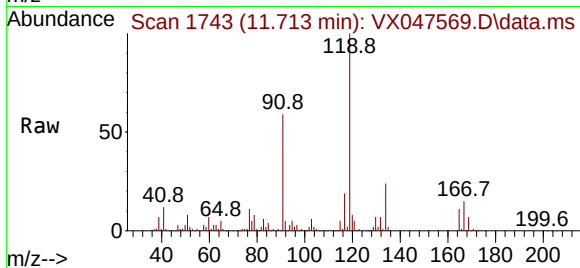
Tgt Ion:119 Resp: 492494

Ion Ratio Lower Upper

119 100

91 57.5 28.5 85.5

134 22.6 11.3 33.9



#84

1,2,4-Trimethylbenzene

Concen: 48.519 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX047569.D

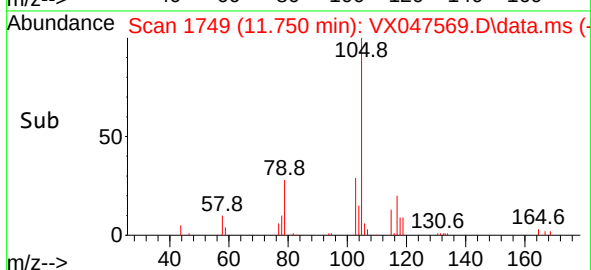
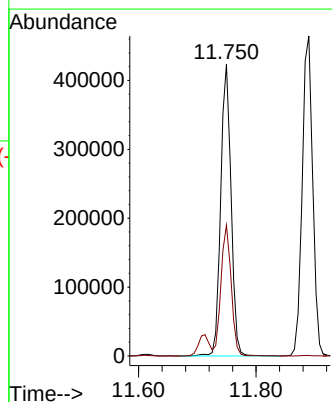
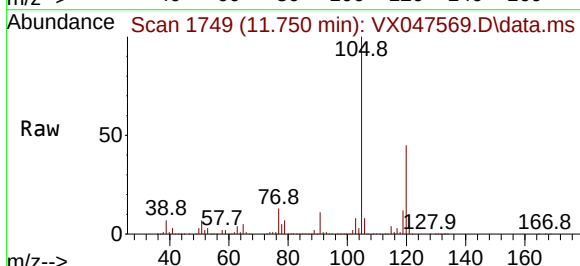
Acq: 29 Aug 2025 15:32

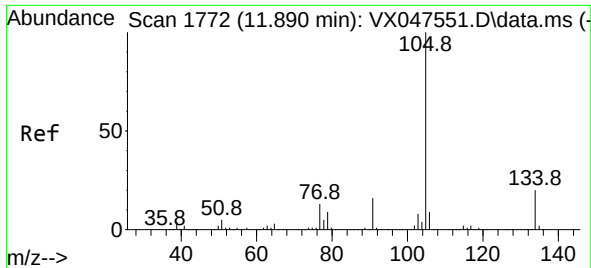
Tgt Ion:105 Resp: 516121

Ion Ratio Lower Upper

105 100

120 44.4 22.3 66.8

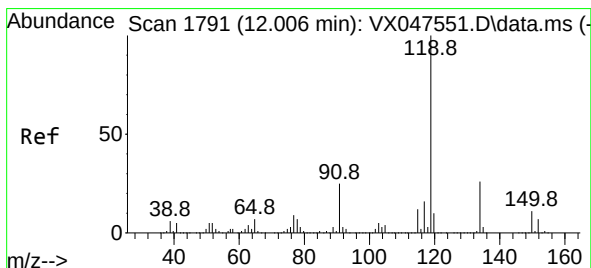
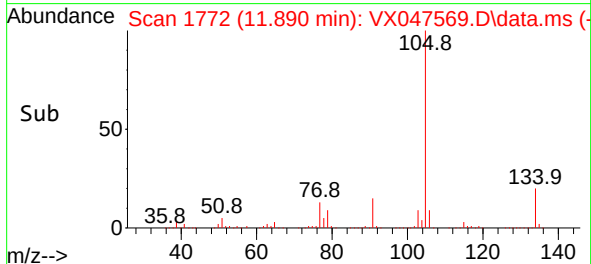
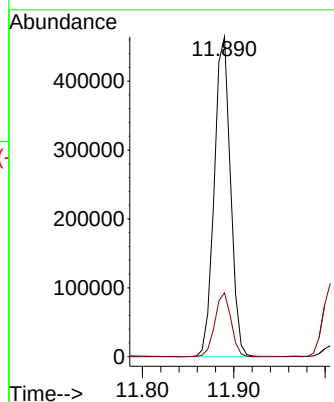
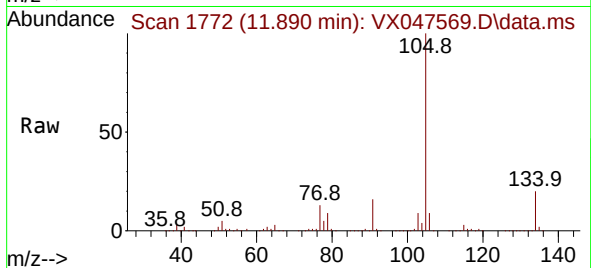




#85
sec-Butylbenzene
Concen: 45.333 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

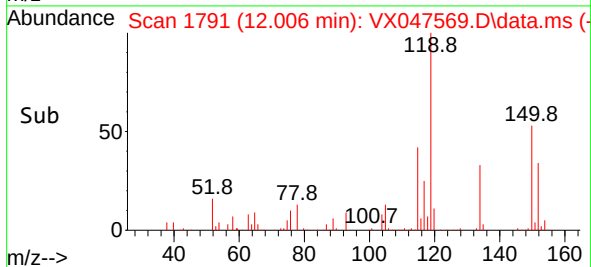
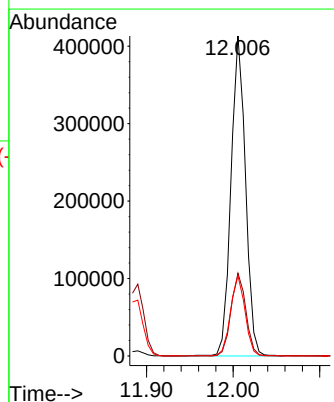
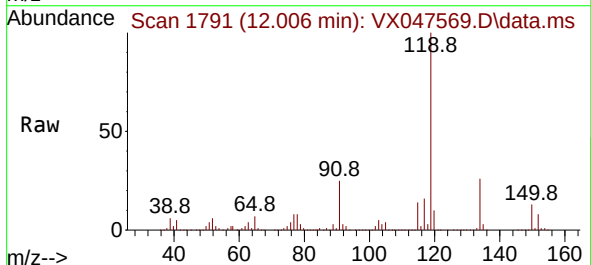
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

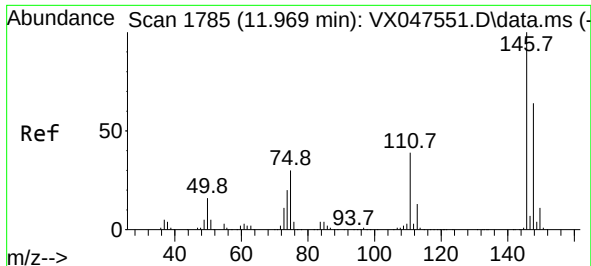
Tgt Ion:105 Resp: 573832
Ion Ratio Lower Upper
105 100
134 19.9 9.8 29.5



#86
p-Isopropyltoluene
Concen: 45.262 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

Tgt Ion:119 Resp: 480258
Ion Ratio Lower Upper
119 100
134 26.4 13.0 38.9
91 25.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 47.396 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX047569.D

Acq: 29 Aug 2025 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

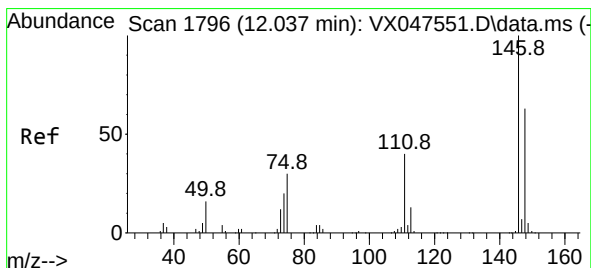
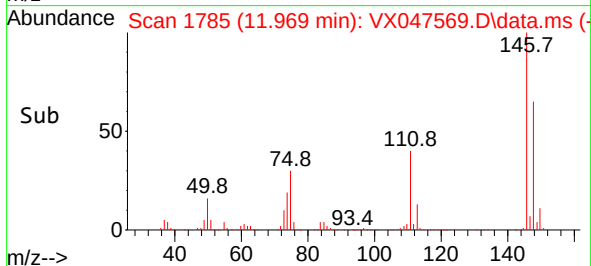
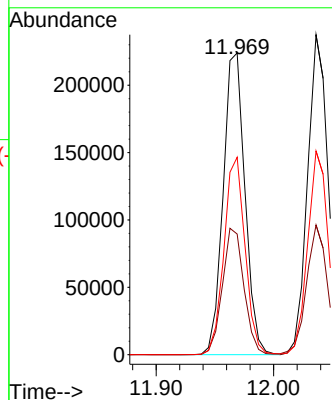
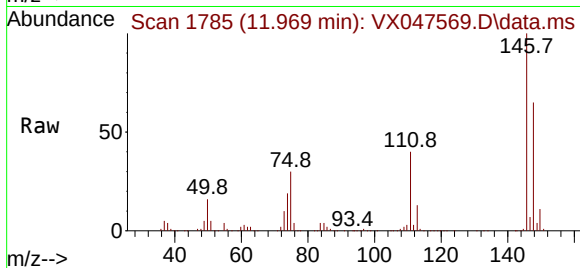
Tgt Ion:146 Resp: 288517

Ion Ratio Lower Upper

146 100

111 41.6 20.6 61.9

148 63.3 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 46.298 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX047569.D

Acq: 29 Aug 2025 15:32

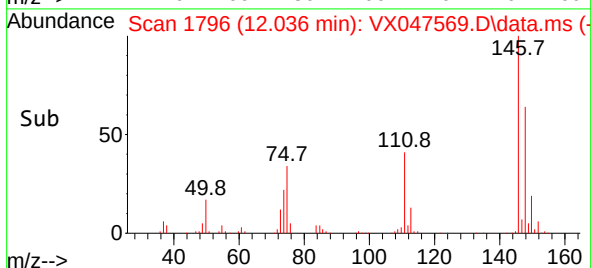
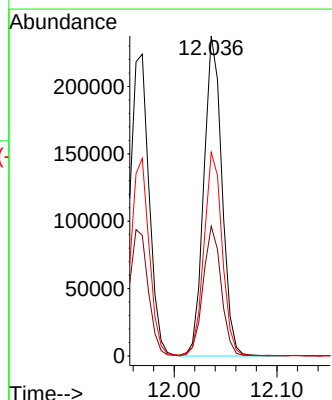
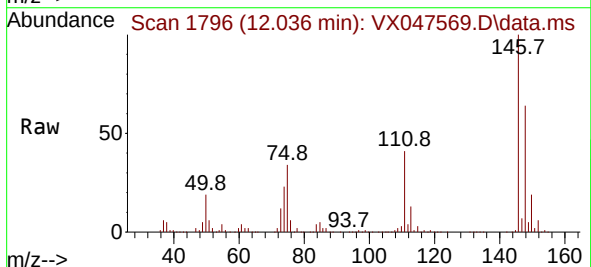
Tgt Ion:146 Resp: 290991

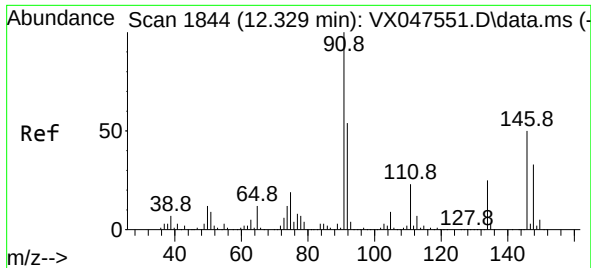
Ion Ratio Lower Upper

146 100

111 40.8 20.1 60.2

148 63.6 31.8 95.4

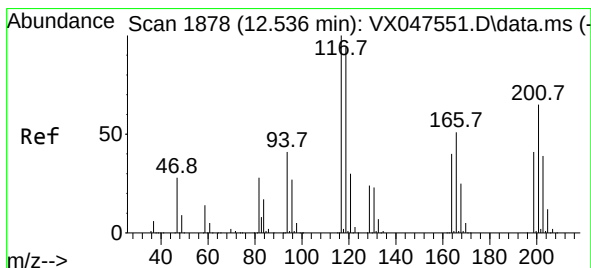
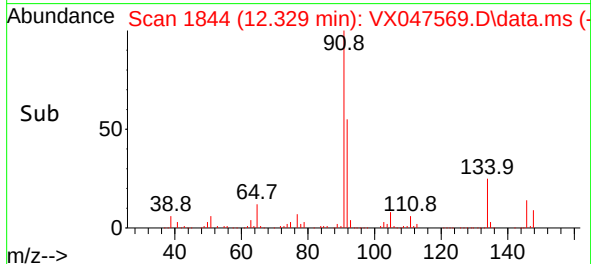
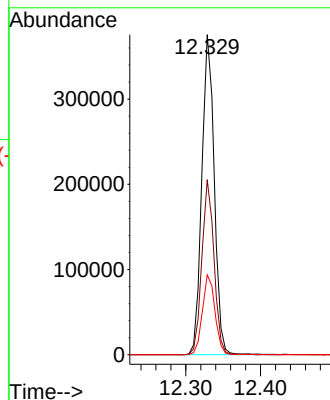
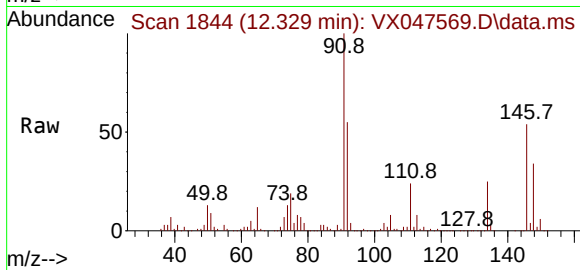




#89
n-Butylbenzene
Concen: 44.304 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

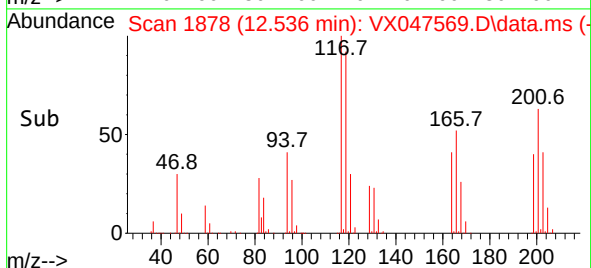
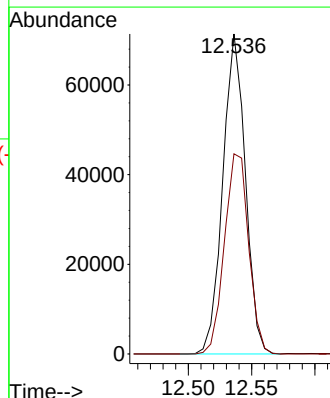
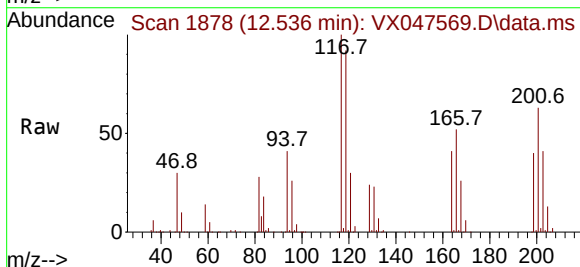
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

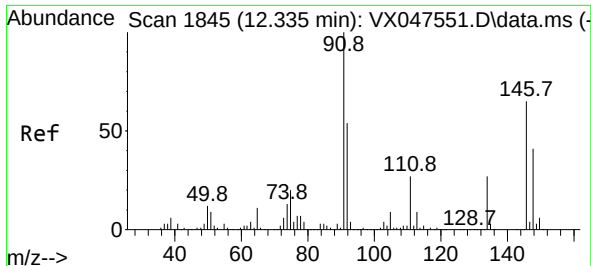
Tgt Ion: 91 Resp: 433884
Ion Ratio Lower Upper
91 100
92 53.4 27.0 81.0
134 25.2 12.6 37.6



#90
Hexachloroethane
Concen: 45.312 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

Tgt Ion: 117 Resp: 88380
Ion Ratio Lower Upper
117 100
201 67.2 33.7 101.1

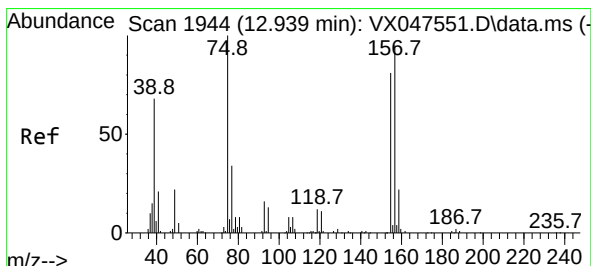
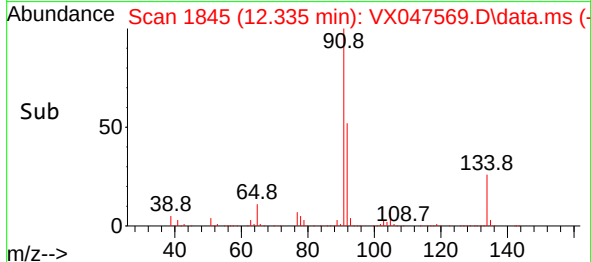
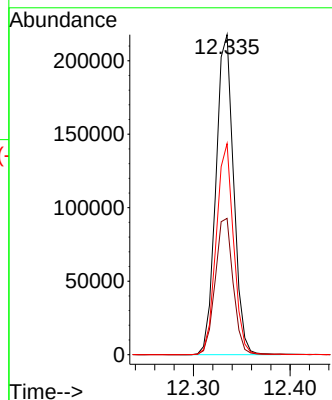
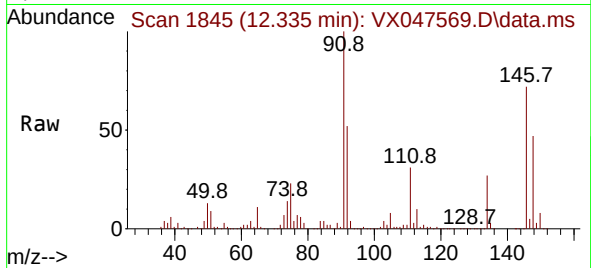




#91
1,2-Dichlorobenzene
Concen: 46.345 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

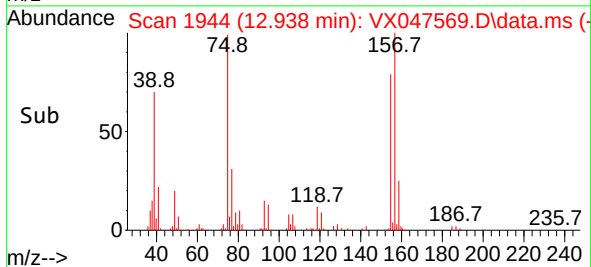
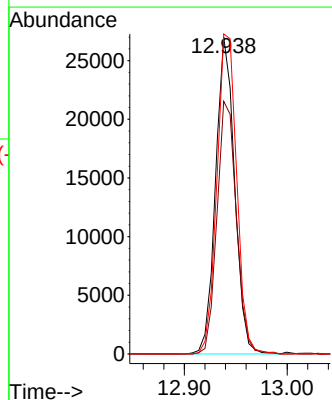
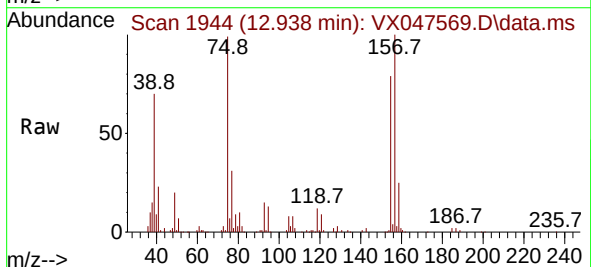
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

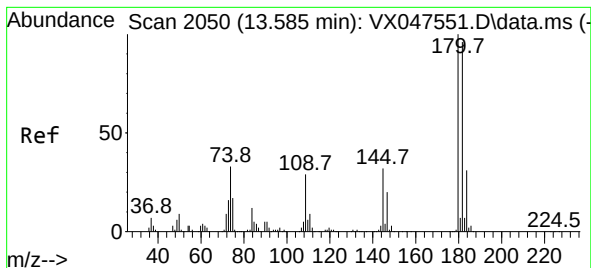
Tgt Ion:146 Resp: 276449
Ion Ratio Lower Upper
146 100
111 43.3 21.7 65.1
148 64.8 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.318 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

Tgt Ion: 75 Resp: 34470
Ion Ratio Lower Upper
75 100
155 81.9 41.9 125.6
157 105.6 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 44.074 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX047569.D

Acq: 29 Aug 2025 15:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

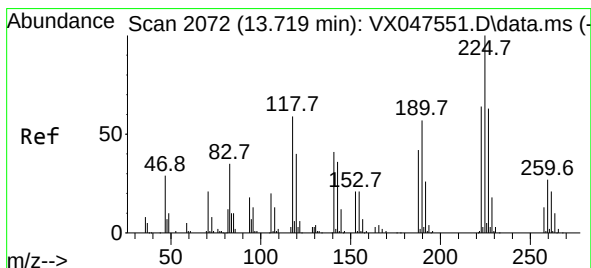
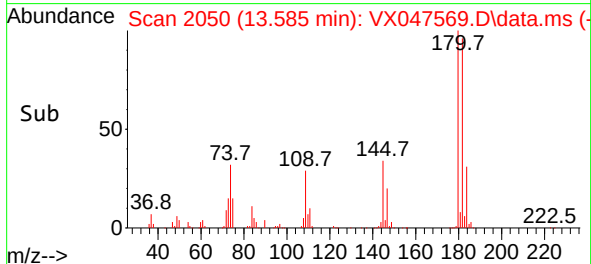
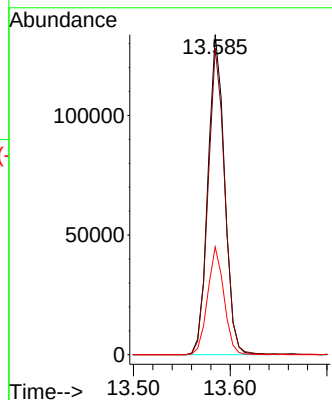
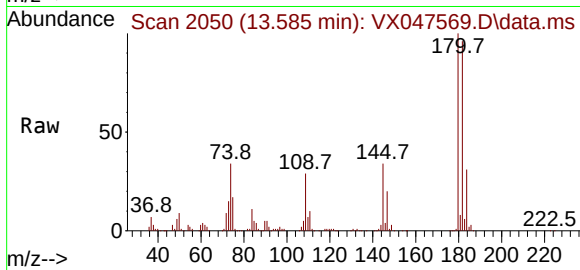
Tgt Ion:180 Resp: 160256

Ion Ratio Lower Upper

180 100

182 96.1 47.7 143.1

145 33.0 16.3 48.8



#94

Hexachlorobutadiene

Concen: 34.647 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.006 min

Lab File: VX047569.D

Acq: 29 Aug 2025 15:32

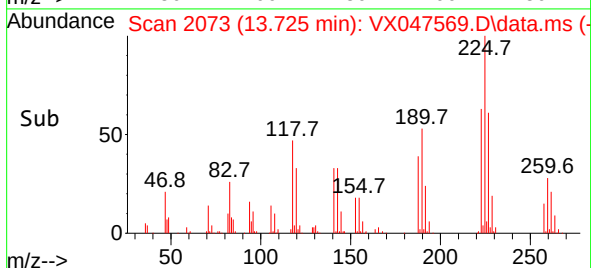
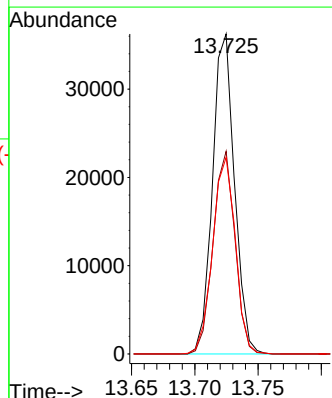
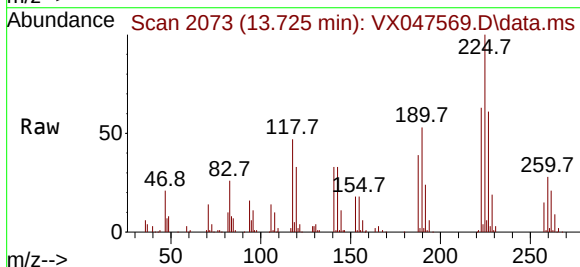
Tgt Ion:225 Resp: 43787

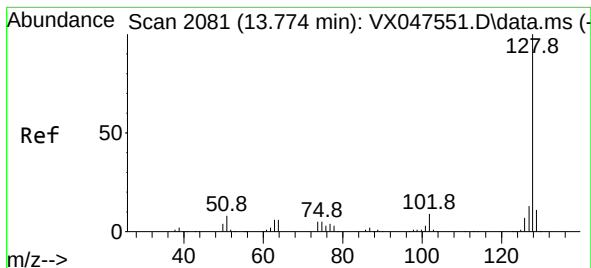
Ion Ratio Lower Upper

225 100

223 63.0 31.1 93.5

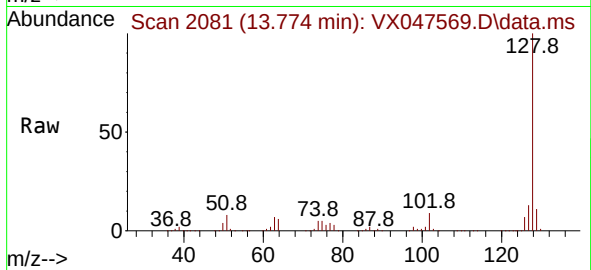
227 63.6 31.8 95.3



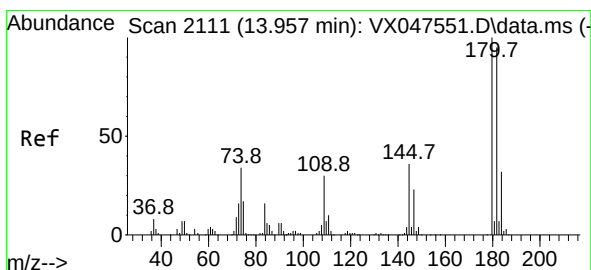
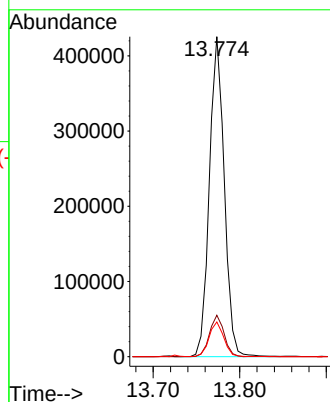
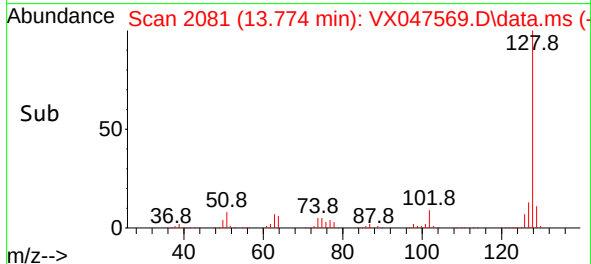


#95
Naphthalene
Concen: 47.813 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 508198
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 45.001 ug/l
RT: 13.956 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX047569.D
Acq: 29 Aug 2025 15:32

Tgt Ion:180 Resp: 153701
Ion Ratio Lower Upper
180 100
182 94.4 48.1 144.4
145 34.1 17.6 52.9

