

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012825\
 Data File : VX044740.D
 Acq On : 28 Jan 2025 11:01
 Operator : JC/MD
 Sample : VSTD10064
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 28 11:32:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML012825WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 28 11:15:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	301809	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	258939	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	115027	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	235676	94.452	ug/L	0.00
7) Chloroethane-d5	1.648	69	57443	74.841	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	102337	102.067	ug/L	0.00
21) 2-Butanone-d5	4.459	46	177282	141.293	ug/L	0.00
24) Chloroform-d	5.050	84	409900	96.352	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	242571	91.163	ug/L	0.00
32) Benzene-d6	5.964	84	832150	97.805	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	263267	97.688	ug/L	0.00
41) Toluene-d8	8.647	98	728199	96.069	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.946	79	126956	94.251	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	153677	195.413	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	319640	97.210	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	226309	93.589	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	232548	128.156	ug/L	100
3) Chloromethane	1.307	50	260825	111.410	ug/L	99
5) Vinyl chloride	1.374	62	250445	113.750	ug/L	98
6) Bromomethane	1.593	94	65110	118.261	ug/L	99
8) Chloroethane	1.660	64	72461	100.515	ug/L	96
9) Trichlorofluoromethane	1.868	101	270425	123.974	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	211811	120.975	ug/L	98
12) 1,1-Dichloroethene	2.313	96	199880	121.796	ug/L	97
13) Acetone	2.386	43	189312	226.753	ug/L	99
14) Carbon disulfide	2.502	76	596937	115.164	ug/L	98
15) Methyl Acetate	2.703	43	235247	118.004	ug/L	99
16) Methylene chloride	2.782	84	222973	113.159	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	207071	116.505	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	705187	113.515	ug/L	99
19) 1,1-Dichloroethane	3.605	63	402005	114.632	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	246095	115.802	ug/L	98
22) 2-Butanone	4.556	43	330682	254.551	ug/L	98
23) Bromochloromethane	4.891	128	117303	113.403	ug/L	98
25) Chloroform	5.086	83	393722	111.894	ug/L	99
27) 1,2-Dichloroethane	6.080	62	298176	111.402	ug/L	99
29) Cyclohexane	5.464	56	409878	124.687	ug/L	98
30) 1,1,1-Trichloroethane	5.373	97	337926	115.007	ug/L	99
31) Carbon tetrachloride	5.672	117	289407	114.223	ug/L	100
33) Benzene	6.031	78	870642	115.897	ug/L	100
34) Trichloroethene	7.117	95	222669	115.578	ug/L	99
35) Methylcyclohexane	7.379	83	381019	117.254	ug/L	99
37) 1,2-Dichloropropane	7.428	63	237240	118.025	ug/L	100
38) Bromodichloromethane	7.818	83	299754	112.840	ug/L	99
39) cis-1,3-Dichloropropene	8.360	75	389117	114.746	ug/L	97
40) 4-Methyl-2-pentanone	8.574	43	608982	236.709	ug/L	100
42) Toluene	8.714	91	889103	114.712	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	349525	113.738	ug/L	98

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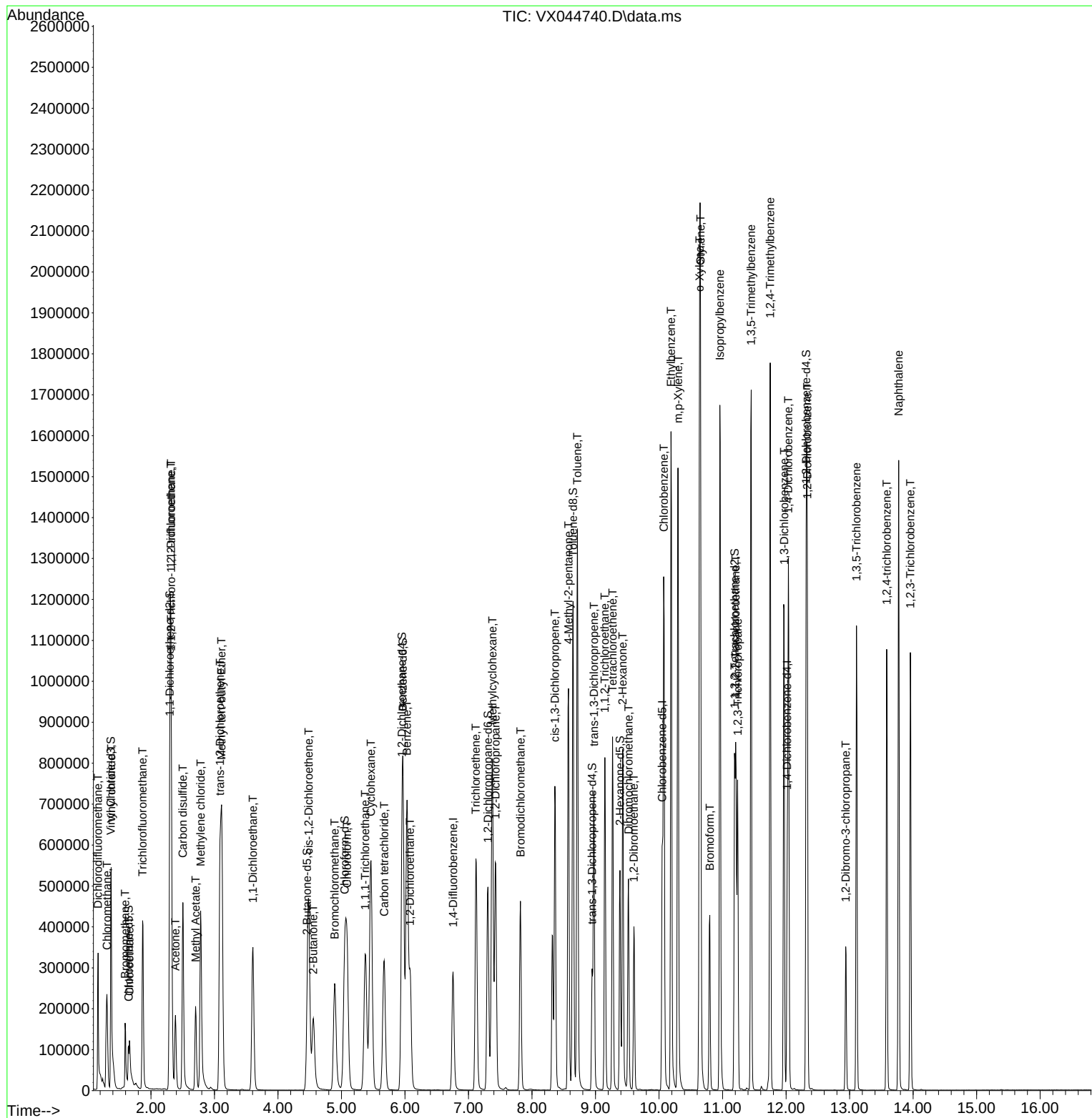
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.147	97	215178	110.414	ug/L	99
46) Tetrachloroethene	9.269	164	156626	116.840	ug/L	99
48) 2-Hexanone	9.427	43	455297	247.122	ug/L	99
49) Dibromochloromethane	9.519	129	219763	109.771	ug/L	99
50) 1,2-Dibromoethane	9.604	107	225798	111.977	ug/L	98
51) Chlorobenzene	10.073	112	549610	113.574	ug/L	99
52) Ethylbenzene	10.189	91	973902	115.238	ug/L	99
53) m,p-Xylene	10.299	106	367280	115.798	ug/L	97
54) o-Xylene	10.640	106	354753	112.832	ug/L	97
55) Styrene	10.653	104	591240	114.036	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.207	83	333382	114.091	ug/L	99
59) Bromoform	10.799	173	152807	107.865	ug/L	99
60) Isopropylbenzene	10.957	105	916809	110.740	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	246638	108.895	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	760262	110.504	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	751644	111.442	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	379947	111.289	ug/L	98
65) 1,4-Dichlorobenzene	12.036	146	377218	112.137	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	375659	110.429	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	69435	108.592	ug/L	98
69) 1,3,5-Trichlorobenzene	13.109	180	252738	114.944	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	237170	119.797	ug/L	99
71) Naphthalene	13.774	128	896149	116.553	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	235616	116.179	ug/L	99

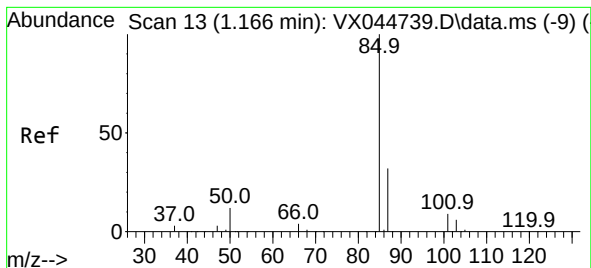
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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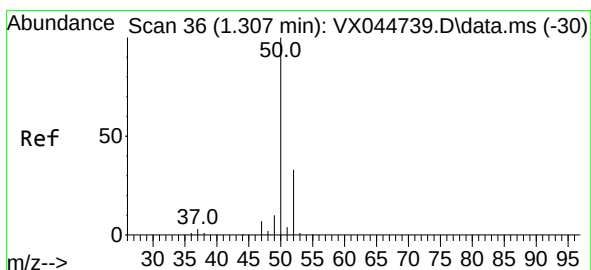
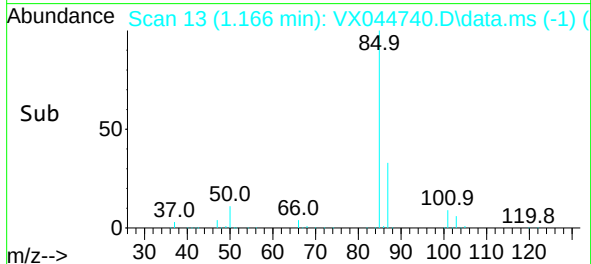
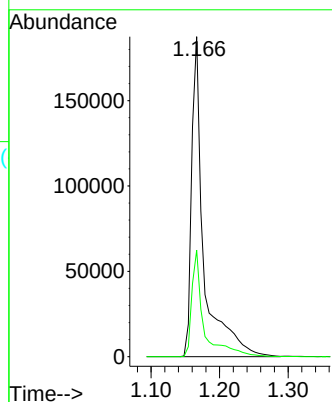
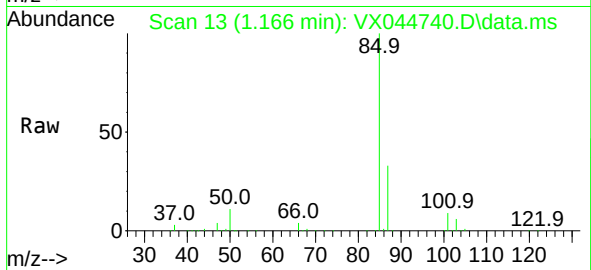




#2
Dichlorodifluoromethane
Concen: 128.156 ug/L
RT: 1.166 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044740.D
Acq: 28 Jan 2025 11:01

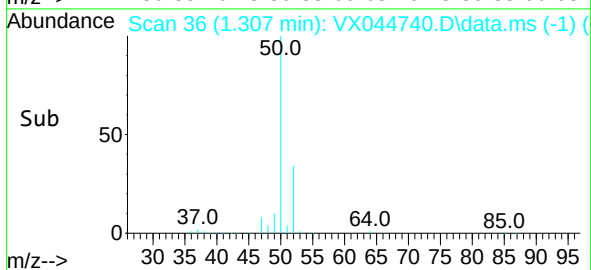
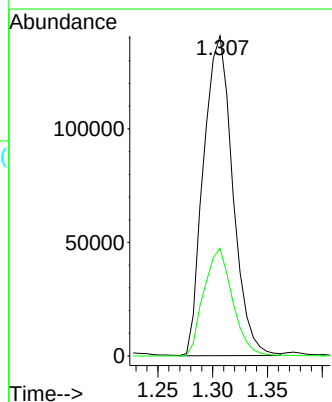
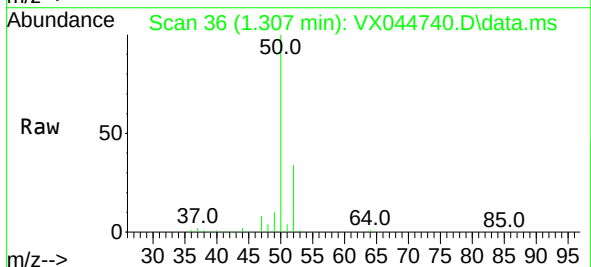
Instrument :
MSVOA_X
ClientSampleId :

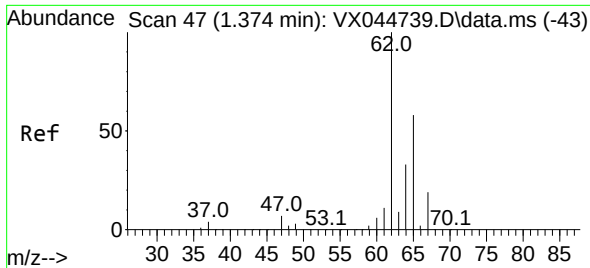
Tgt Ion: 85 Resp: 232548
Ion Ratio Lower Upper
85 100
87 32.6 25.9 38.9



#3
Chloromethane
Concen: 111.410 ug/L
RT: 1.307 min Scan# 36
Delta R.T. 0.000 min
Lab File: VX044740.D
Acq: 28 Jan 2025 11:01

Tgt Ion: 50 Resp: 260825
Ion Ratio Lower Upper
50 100
52 33.6 23.3 43.3

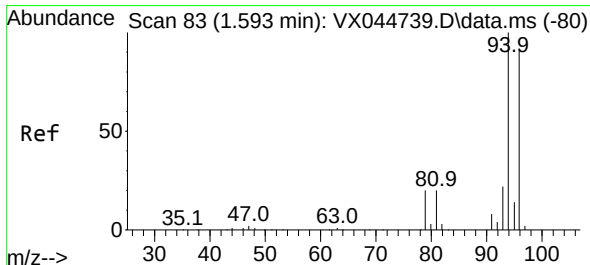
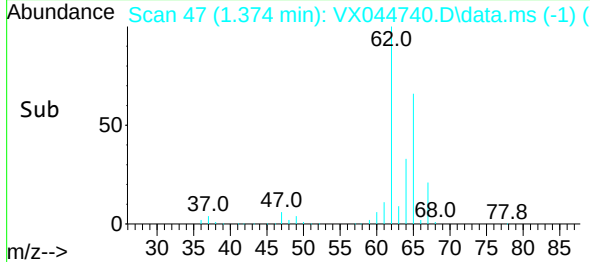
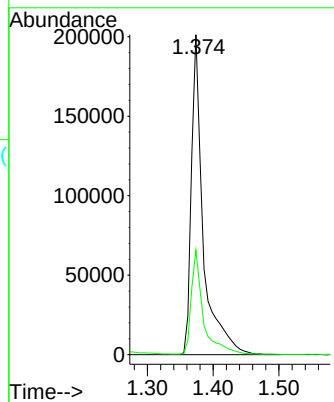
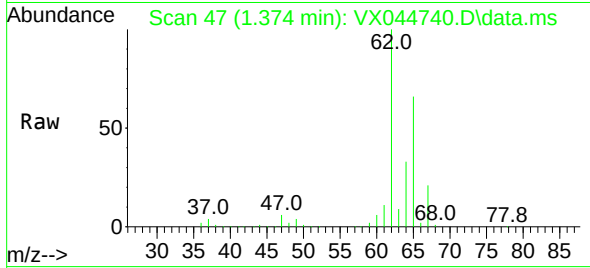




#5
 Vinyl chloride
 Concen: 113.750 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX044740.D
 Acq: 28 Jan 2025 11:01

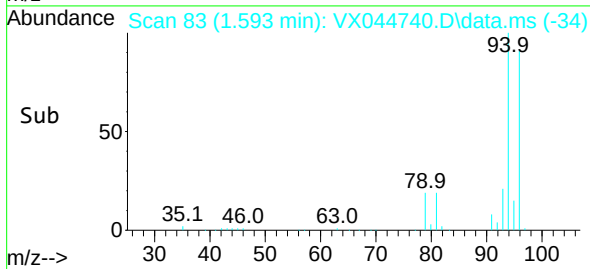
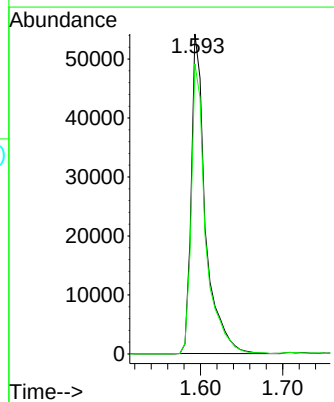
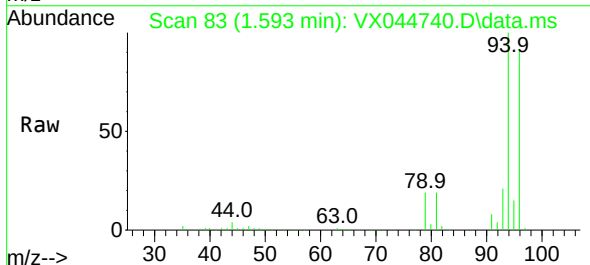
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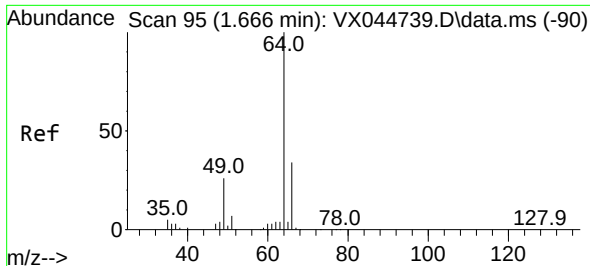
Tgt Ion: 62 Resp: 250445
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.7 44.1



#6
 Bromomethane
 Concen: 118.261 ug/L
 RT: 1.593 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VX044740.D
 Acq: 28 Jan 2025 11:01

Tgt Ion: 94 Resp: 65110
 Ion Ratio Lower Upper
 94 100
 96 90.6 64.3 119.3

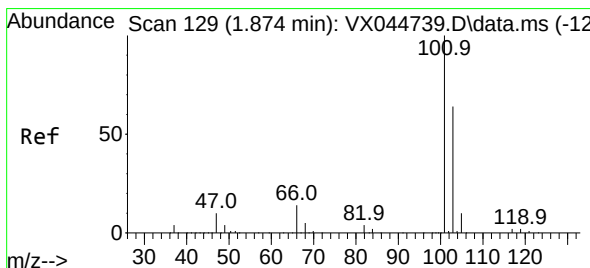
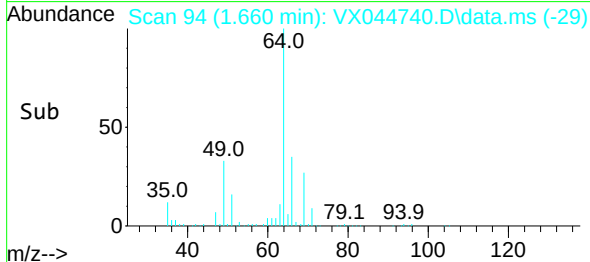
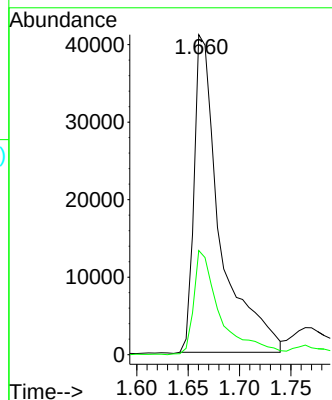
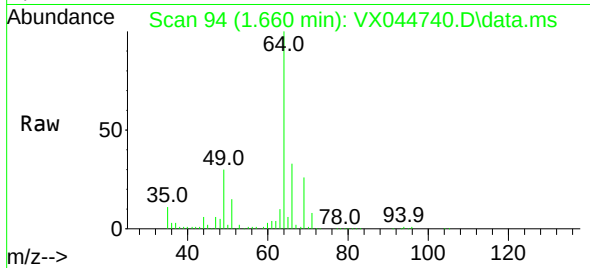




#8
Chloroethane
Concen: 100.515 ug/L
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX044740.D
Acq: 28 Jan 2025 11:01

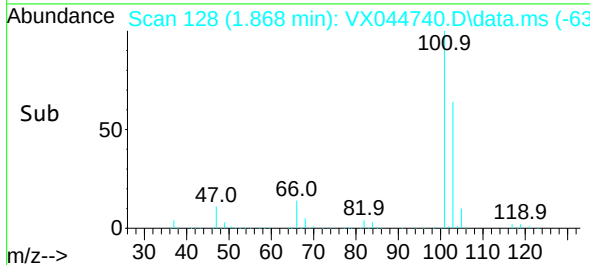
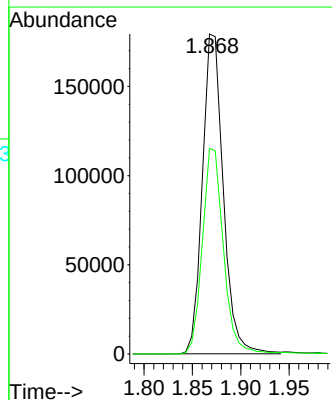
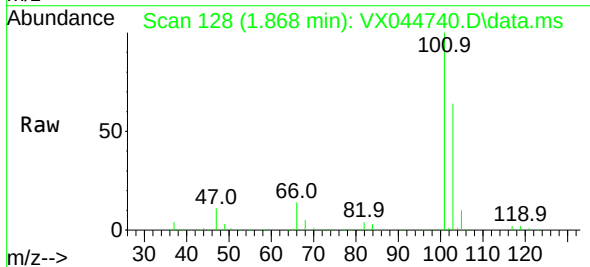
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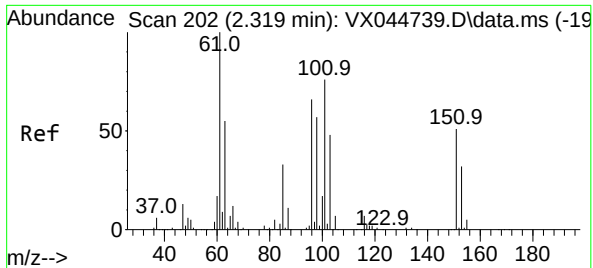
Tgt Ion: 64 Resp: 72461
Ion Ratio Lower Upper
64 100
66 32.6 21.4 39.8



#9
Trichlorofluoromethane
Concen: 123.974 ug/L
RT: 1.868 min Scan# 128
Delta R.T. -0.006 min
Lab File: VX044740.D
Acq: 28 Jan 2025 11:01

Tgt Ion:101 Resp: 270425
Ion Ratio Lower Upper
101 100
103 64.7 52.2 78.2

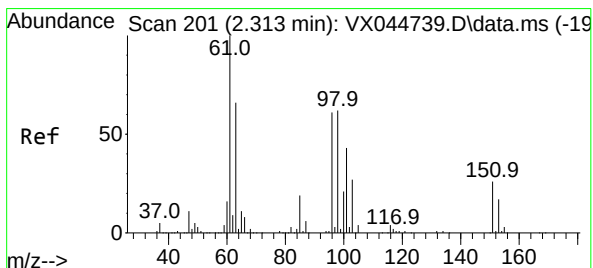
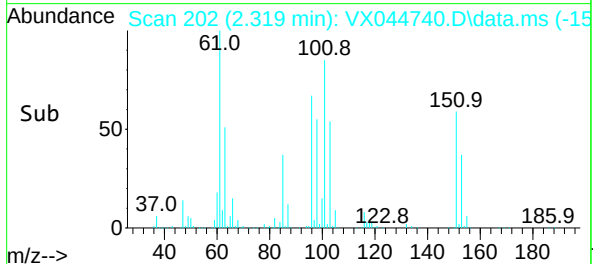
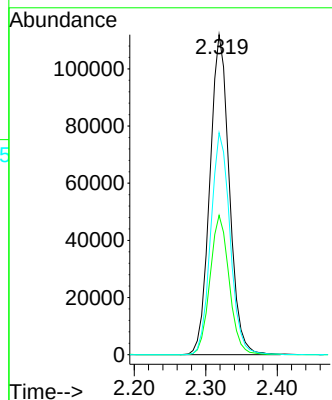
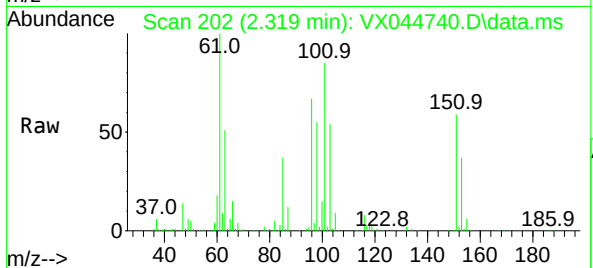




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 120.975 ug/L
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX044740.D
Acq: 28 Jan 2025 11:01

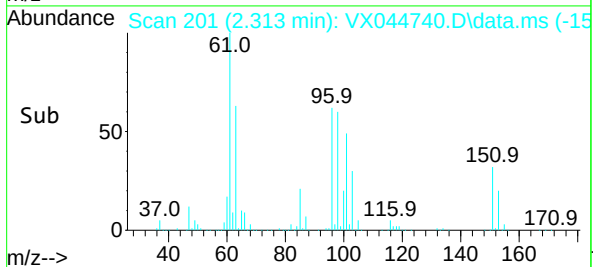
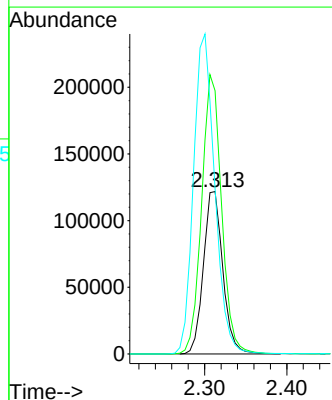
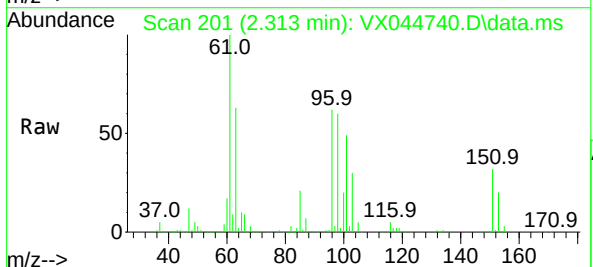
Instrument :
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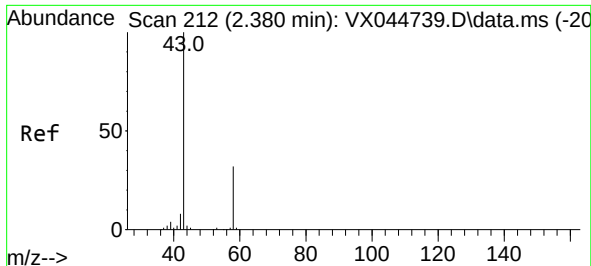
Tgt Ion:101 Resp: 211811
Ion Ratio Lower Upper
101 100
85 42.8 35.4 53.0
151 69.0 57.0 85.4



#12
1,1-Dichloroethene
Concen: 121.796 ug/L
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044740.D
Acq: 28 Jan 2025 11:01

Tgt Ion: 96 Resp: 199880
Ion Ratio Lower Upper
96 100
61 162.1 115.1 213.8
63 101.7 74.1 137.5





#13

Acetone

Concen: 226.753 ug/L

RT: 2.386 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX044740.D

Acq: 28 Jan 2025 11:01

Instrument :

MSVOA_X

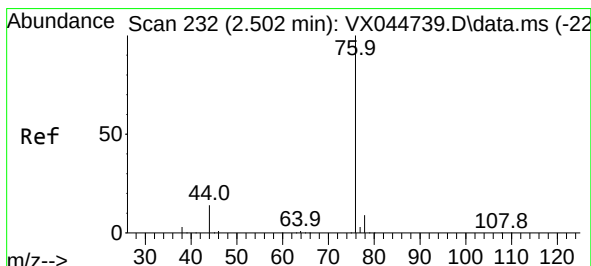
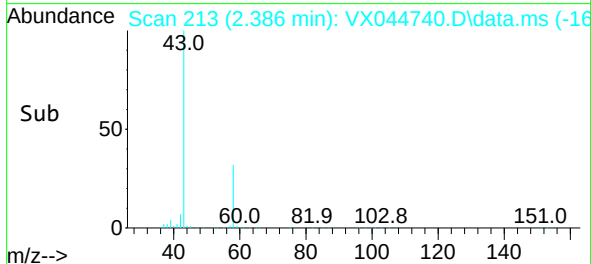
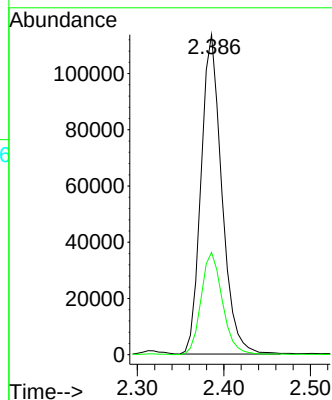
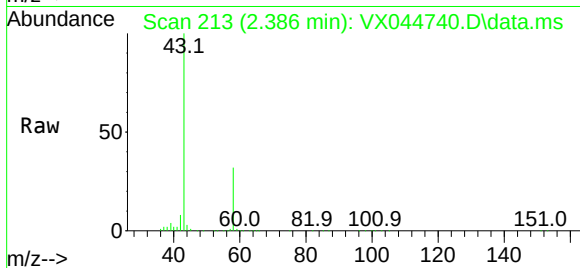
ClientSampleId :

Tgt Ion: 43 Resp: 189312

Ion Ratio Lower Upper

43 100

58 32.9 0.0 64.6



#14

Carbon disulfide

Concen: 115.164 ug/L

RT: 2.502 min Scan# 232

Delta R.T. 0.000 min

Lab File: VX044740.D

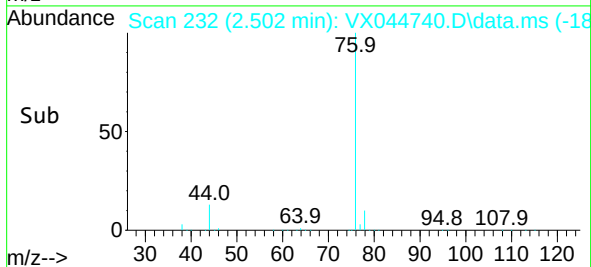
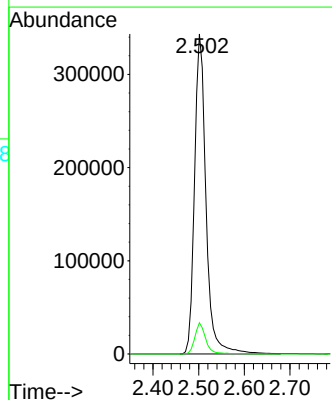
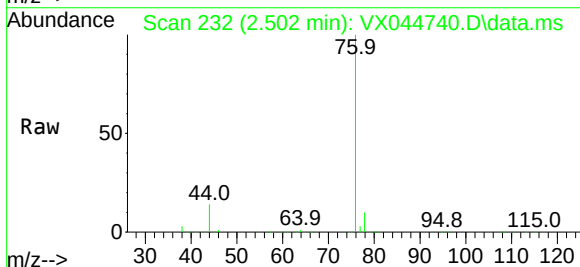
Acq: 28 Jan 2025 11:01

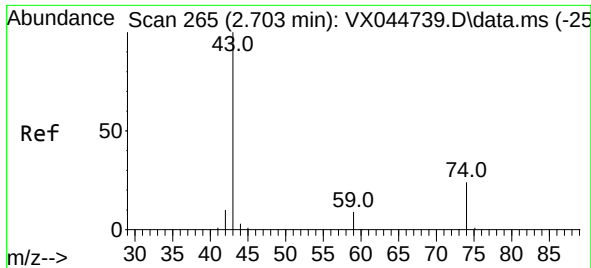
Tgt Ion: 76 Resp: 596937

Ion Ratio Lower Upper

76 100

78 9.7 7.2 10.8

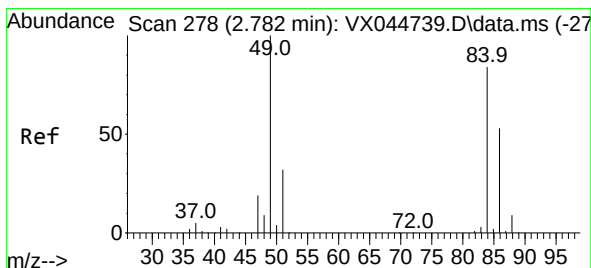
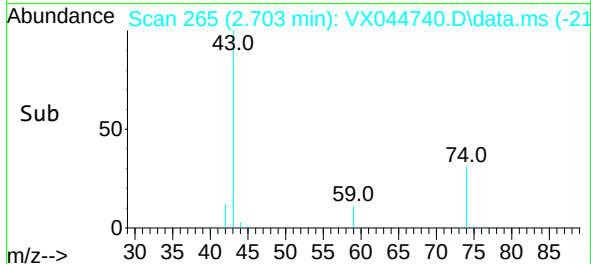
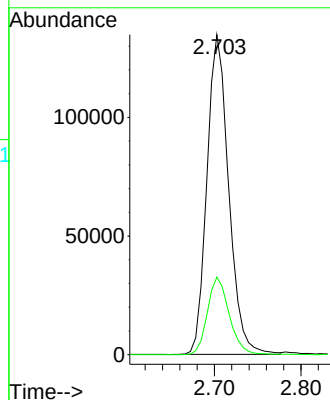
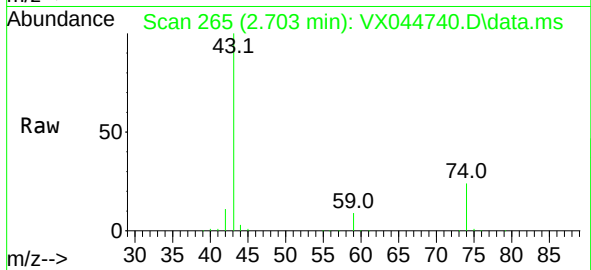




#15
Methyl Acetate
Concen: 118.004 ug/L
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX044740.D
Acq: 28 Jan 2025 11:01

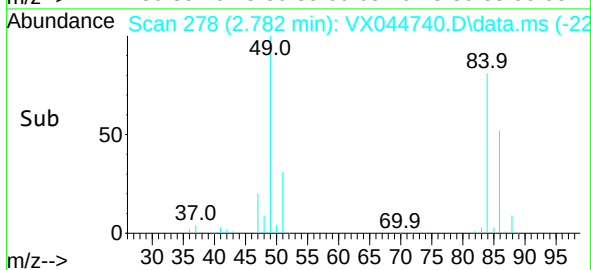
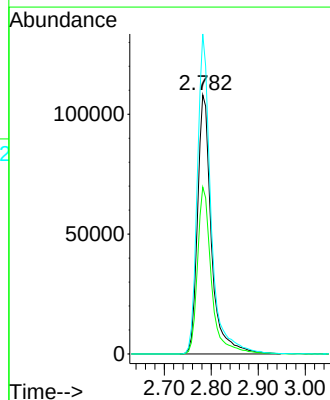
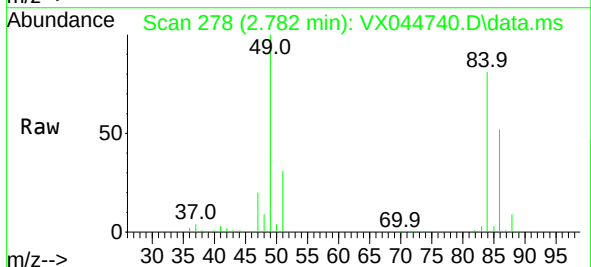
Instrument :
MSVOA_X
ClientSampleId :

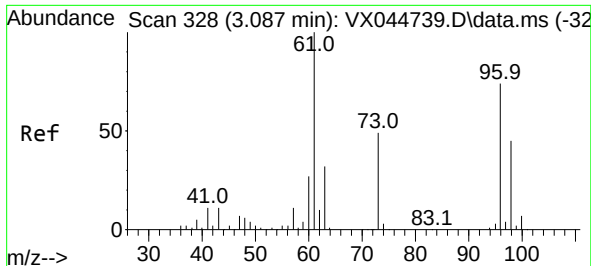
Tgt Ion: 43 Resp: 235247
Ion Ratio Lower Upper
43 100
74 24.3 19.7 29.5



#16
Methylene chloride
Concen: 113.159 ug/L
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044740.D
Acq: 28 Jan 2025 11:01

Tgt Ion: 84 Resp: 222973
Ion Ratio Lower Upper
84 100
86 64.4 45.6 84.8
49 123.6 84.6 157.0

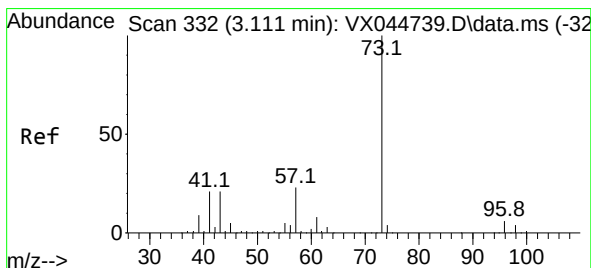
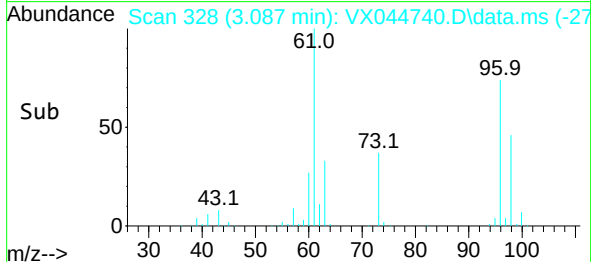
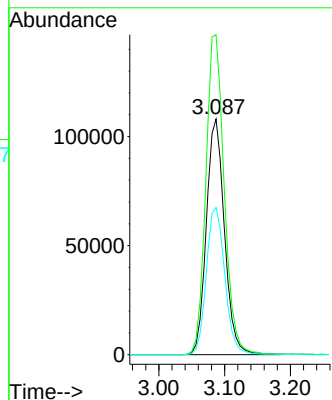
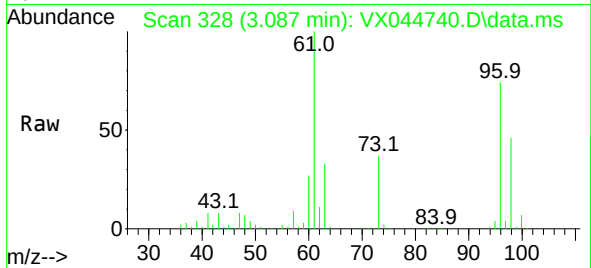




#17
trans-1,2-Dichloroethene
Concen: 116.505 ug/L
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044740.D
Acq: 28 Jan 2025 11:01

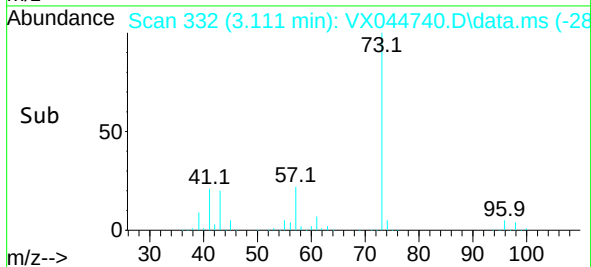
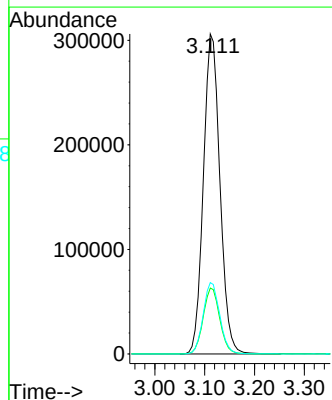
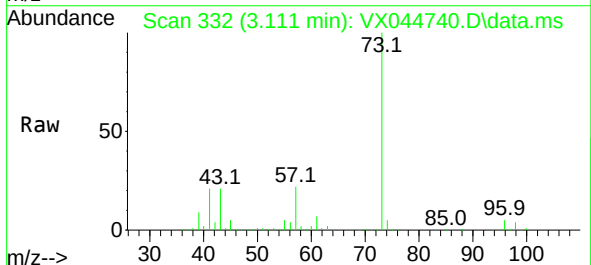
Instrument :
MSVOA_X
ClientSampleId :

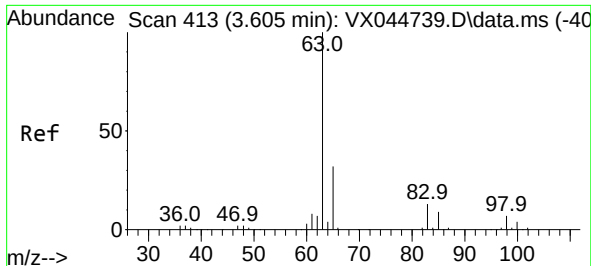
Tgt Ion: 96 Resp: 207071
Ion Ratio Lower Upper
96 100
61 135.9 98.3 182.7
98 62.5 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 113.515 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX044740.D
Acq: 28 Jan 2025 11:01

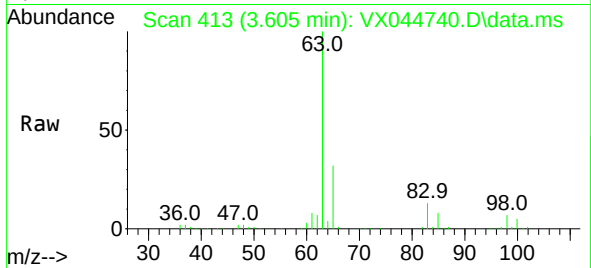
Tgt Ion: 73 Resp: 705187
Ion Ratio Lower Upper
73 100
43 20.5 16.9 25.3
57 22.3 17.4 26.0



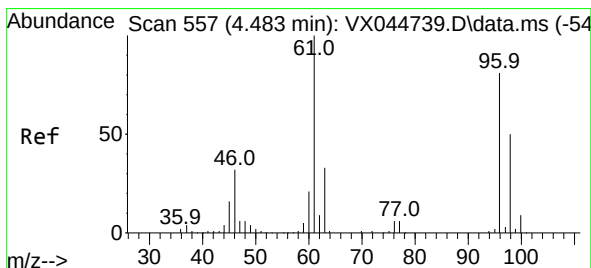
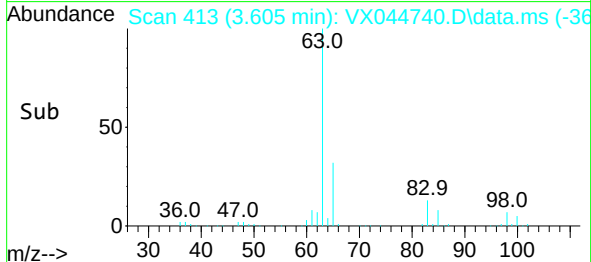
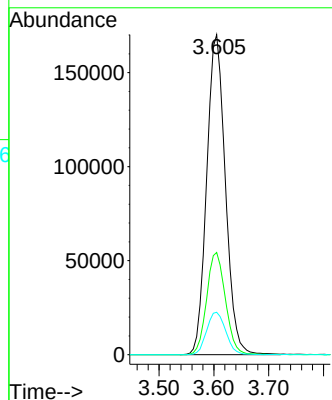


#19
 1,1-Dichloroethane
 Concen: 114.632 ug/L
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX044740.D
 Acq: 28 Jan 2025 11:01

Instrument :
 MSVOA_X
 ClientSampleId :

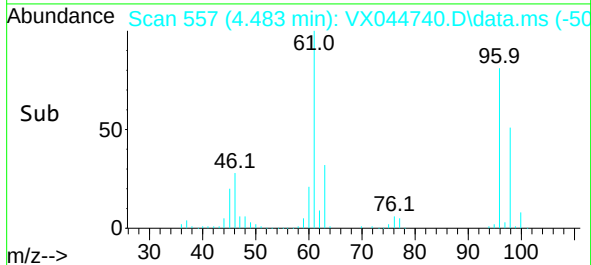
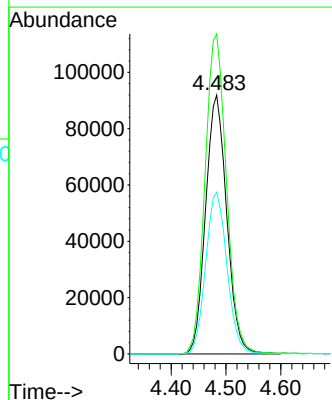
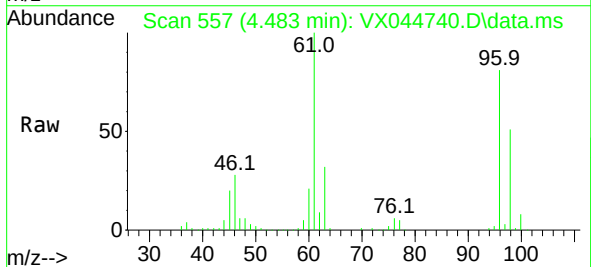


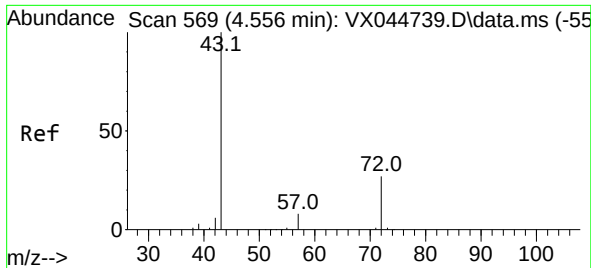
Tgt Ion: 63 Resp: 402005
 Ion Ratio Lower Upper
 63 100
 65 32.0 21.8 40.6
 83 13.2 9.4 17.4



#20
 cis-1,2-Dichloroethene
 Concen: 115.802 ug/L
 RT: 4.483 min Scan# 557
 Delta R.T. 0.000 min
 Lab File: VX044740.D
 Acq: 28 Jan 2025 11:01

Tgt Ion: 96 Resp: 246095
 Ion Ratio Lower Upper
 96 100
 61 123.6 88.3 163.9
 98 62.5 44.6 82.8

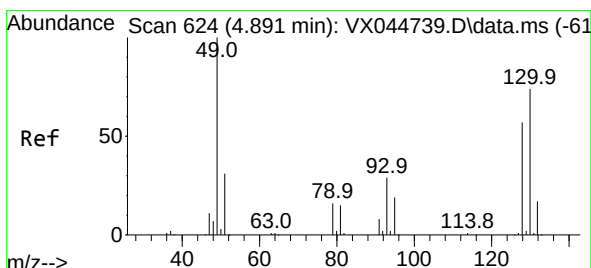
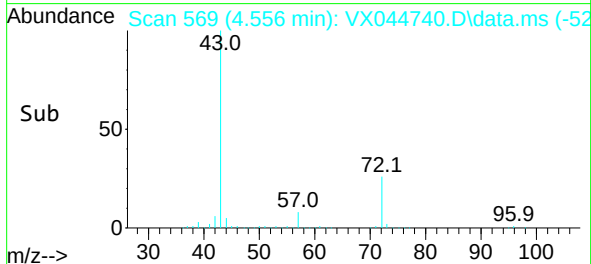
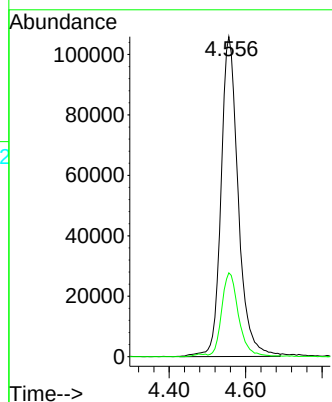
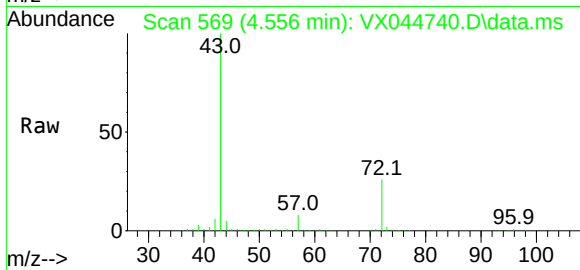




#22
2-Butanone
Concen: 254.551 ug/L
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX044740.D
Acq: 28 Jan 2025 11:01

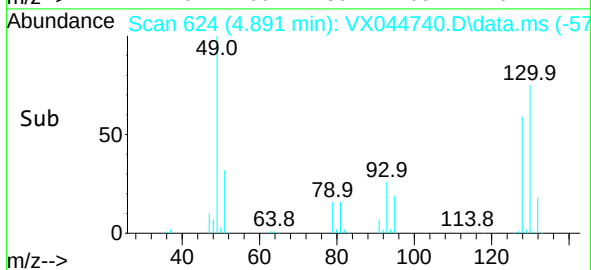
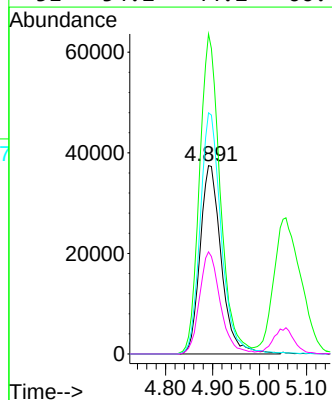
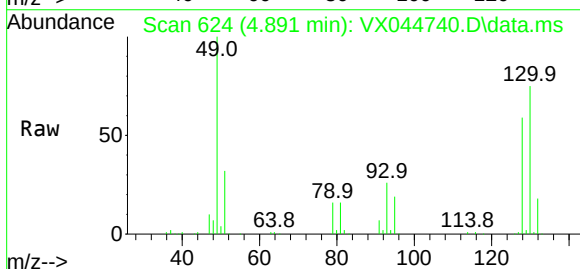
Instrument :
MSVOA_X
ClientSampleId :

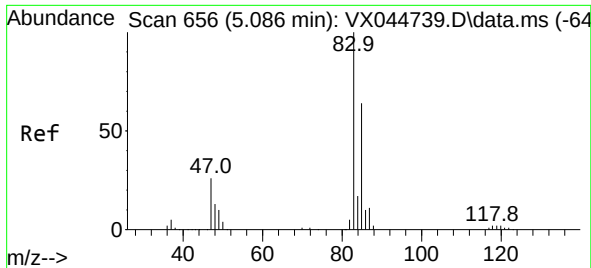
Tgt Ion: 43 Resp: 330682
Ion Ratio Lower Upper
43 100
72 25.7 13.4 40.2



#23
Bromochloromethane
Concen: 113.403 ug/L
RT: 4.891 min Scan# 624
Delta R.T. 0.000 min
Lab File: VX044740.D
Acq: 28 Jan 2025 11:01

Tgt Ion:128 Resp: 117303
Ion Ratio Lower Upper
128 100
49 169.9 117.6 218.4
130 128.0 92.0 170.9
51 54.2 44.2 66.4





#25

Chloroform

Concen: 111.894 ug/L

RT: 5.086 min Scan# 6

Delta R.T. 0.000 min

Lab File: VX044740.D

Acq: 28 Jan 2025 11:01

Instrument :

MSVOA_X

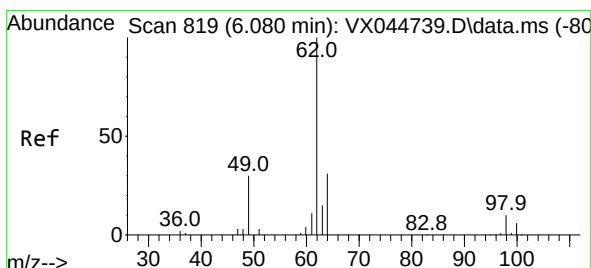
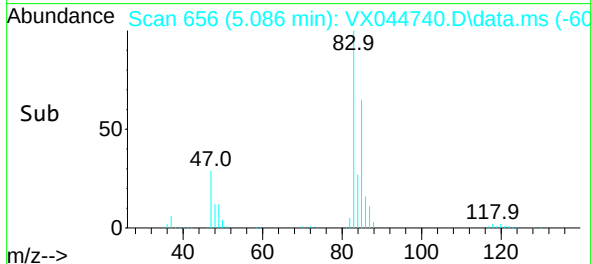
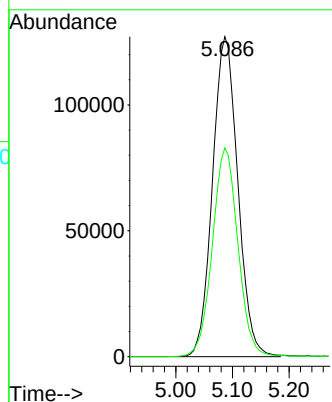
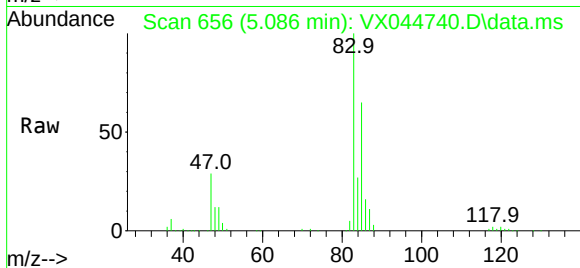
ClientSampleId :

Tgt Ion: 83 Resp: 393722

Ion Ratio Lower Upper

83 100

85 65.3 45.4 84.2



#27

1,2-Dichloroethane

Concen: 111.402 ug/L

RT: 6.080 min Scan# 819

Delta R.T. 0.000 min

Lab File: VX044740.D

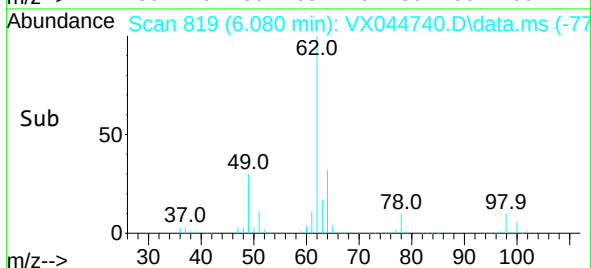
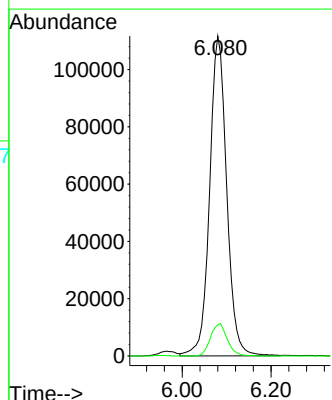
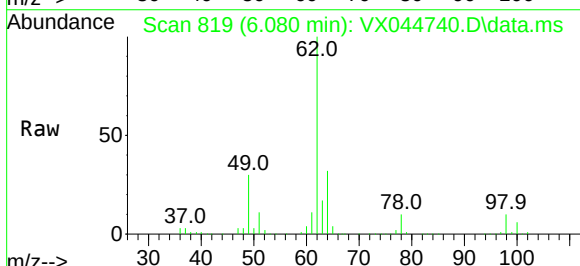
Acq: 28 Jan 2025 11:01

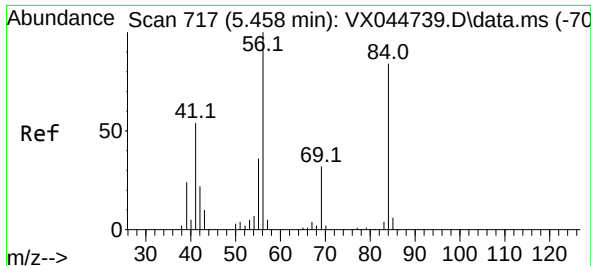
Tgt Ion: 62 Resp: 298176

Ion Ratio Lower Upper

62 100

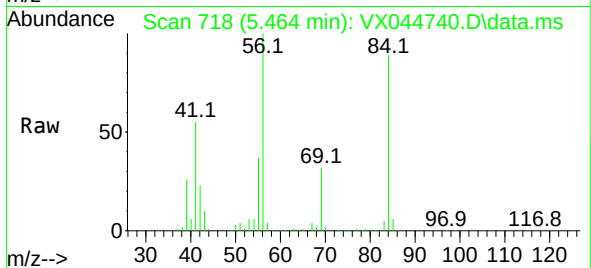
98 9.8 7.4 11.2



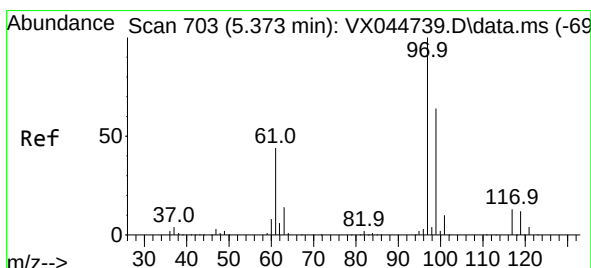
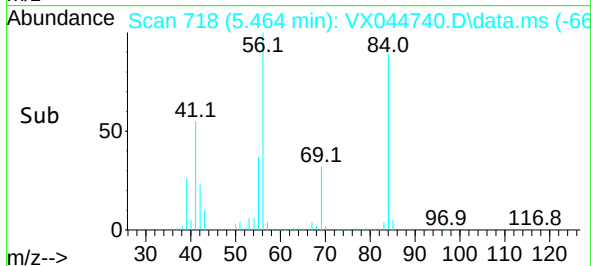
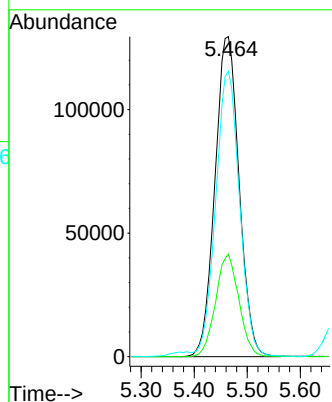


#29
Cyclohexane
Concen: 124.687 ug/L
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX044740.D
Acq: 28 Jan 2025 11:01

Instrument :
MSVOA_X
ClientSampleId :

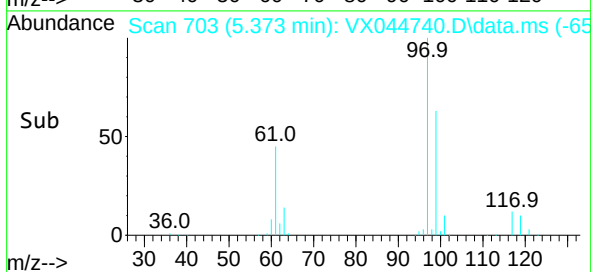
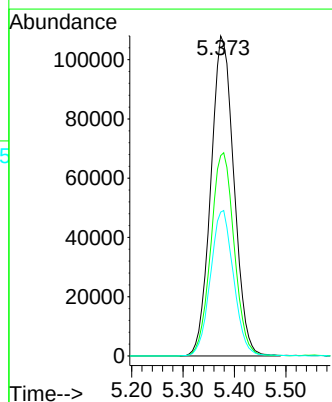
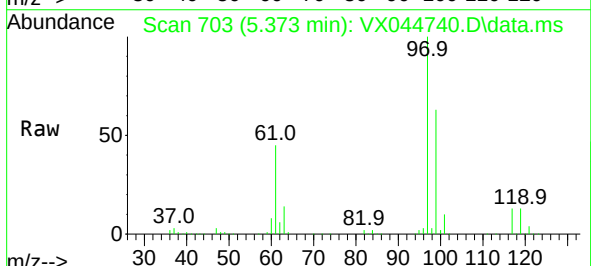


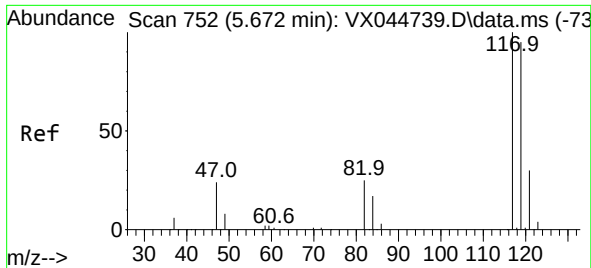
Tgt Ion: 56 Resp: 409878
Ion Ratio Lower Upper
56 100
69 30.8 25.4 38.2
84 87.7 71.6 107.4



#30
1,1,1-Trichloroethane
Concen: 115.007 ug/L
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX044740.D
Acq: 28 Jan 2025 11:01

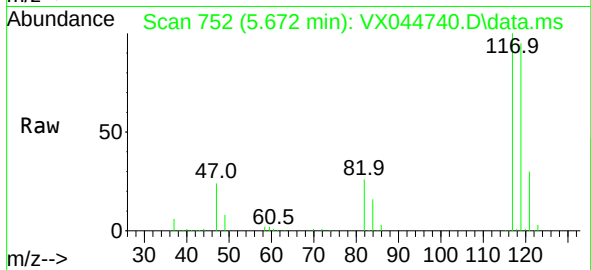
Tgt Ion: 97 Resp: 337926
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.4
61 45.5 35.8 53.6



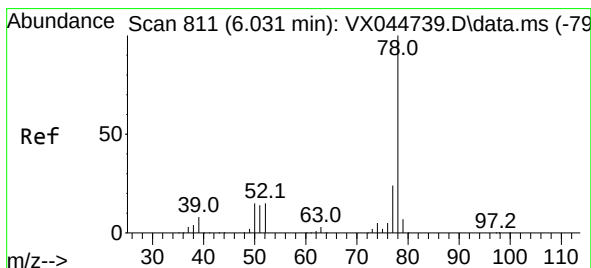
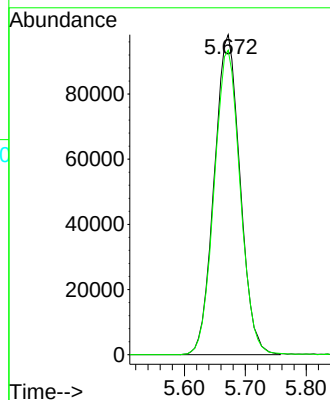
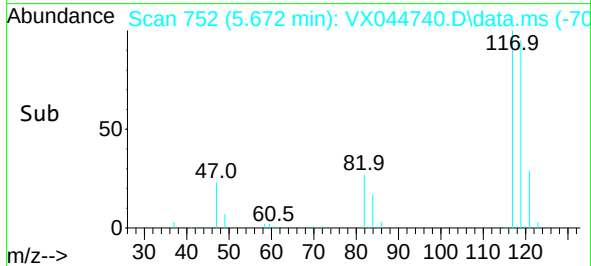


#31
Carbon tetrachloride
Concen: 114.223 ug/L
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX044740.D
Acq: 28 Jan 2025 11:01

Instrument :
MSVOA_X
ClientSampleId :

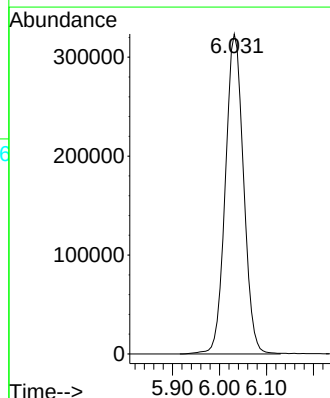
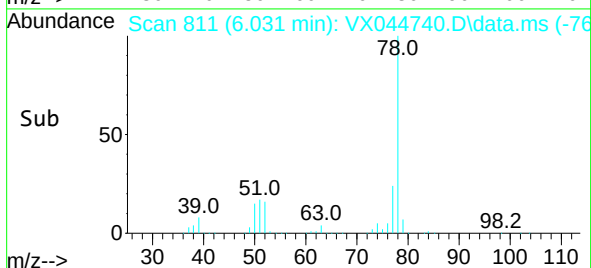
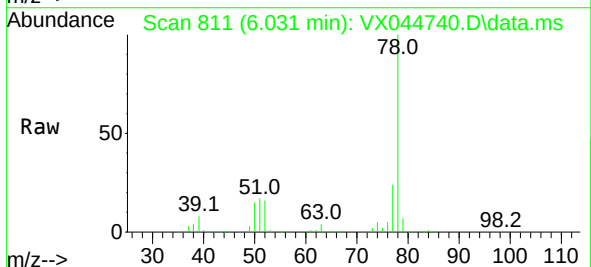


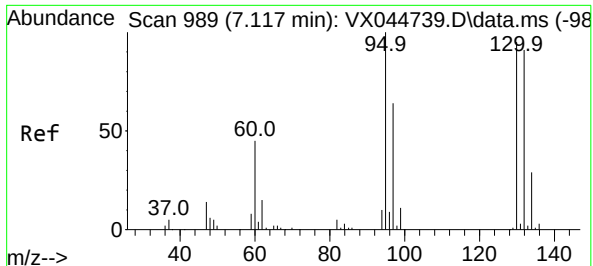
Tgt Ion:117 Resp: 289407
Ion Ratio Lower Upper
117 100
119 96.0 77.1 115.7



#33
Benzene
Concen: 115.897 ug/L
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044740.D
Acq: 28 Jan 2025 11:01

Tgt Ion: 78 Resp: 870642





#34

Trichloroethene

Concen: 115.578 ug/L

RT: 7.117 min Scan# 989

Delta R.T. 0.000 min

Lab File: VX044740.D

Acq: 28 Jan 2025 11:01

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 95 Resp: 222669

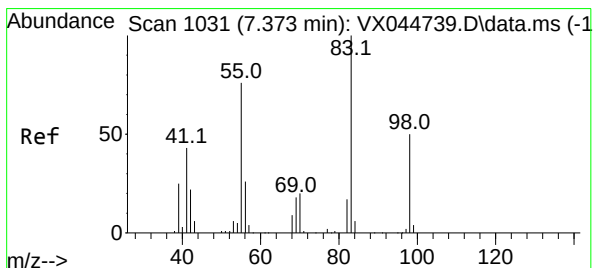
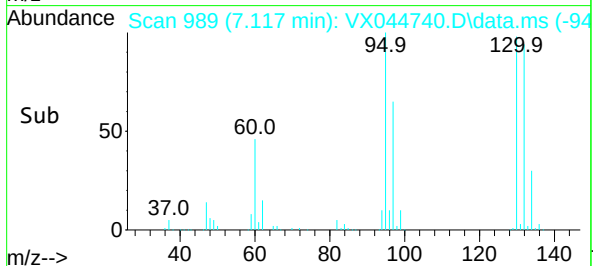
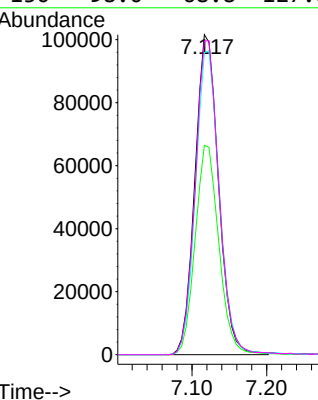
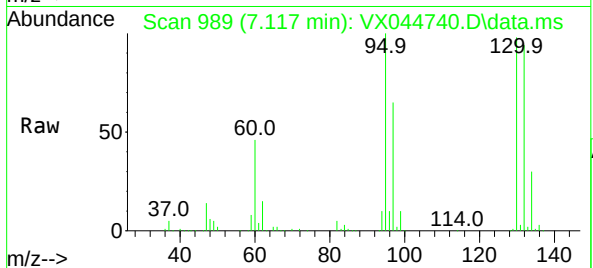
Ion Ratio Lower Upper

95 100

97 65.5 46.1 85.5

132 94.5 64.5 119.9

130 98.0 68.8 127.8



#35

Methylcyclohexane

Concen: 117.254 ug/L

RT: 7.379 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VX044740.D

Acq: 28 Jan 2025 11:01

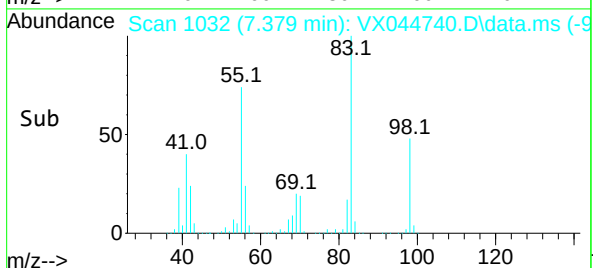
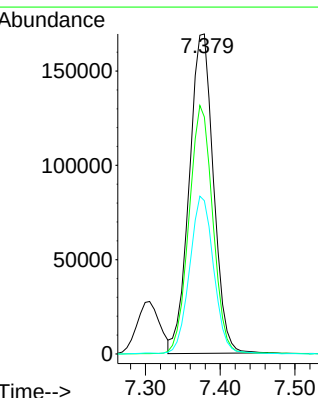
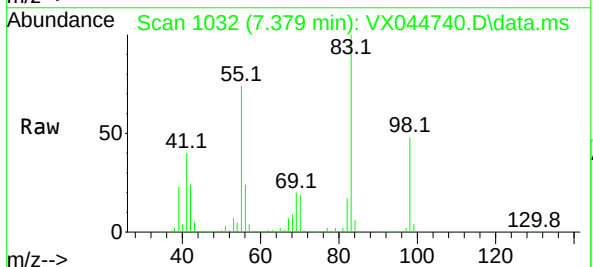
Tgt Ion: 83 Resp: 381019

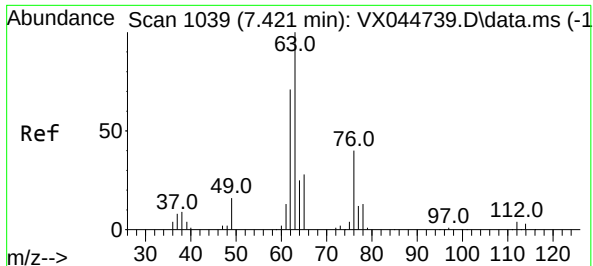
Ion Ratio Lower Upper

83 100

55 76.6 60.6 90.8

98 49.3 38.9 58.3





#37

1,2-Dichloropropane

Concen: 118.025 ug/L

RT: 7.428 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VX044740.D

Acq: 28 Jan 2025 11:01

Instrument :

MSVOA_X

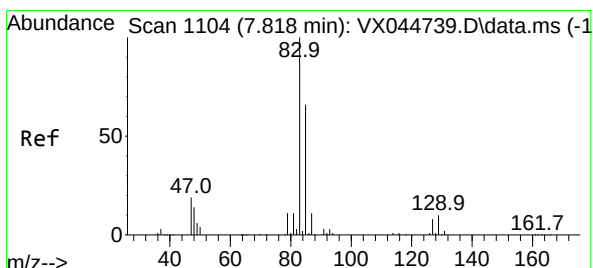
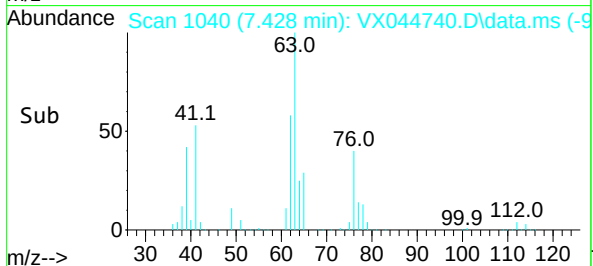
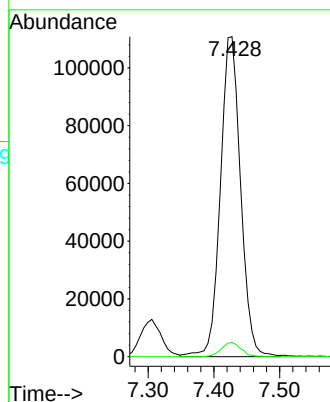
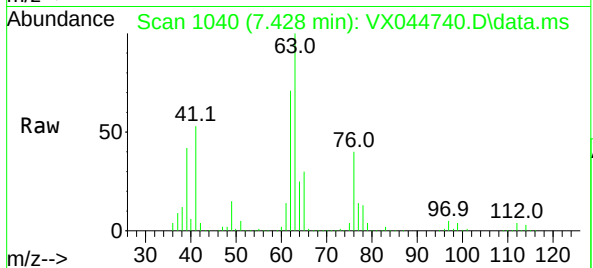
ClientSampleId :

Tgt Ion: 63 Resp: 237240

Ion Ratio Lower Upper

63 100

112 4.4 3.5 5.3



#38

Bromodichloromethane

Concen: 112.840 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX044740.D

Acq: 28 Jan 2025 11:01

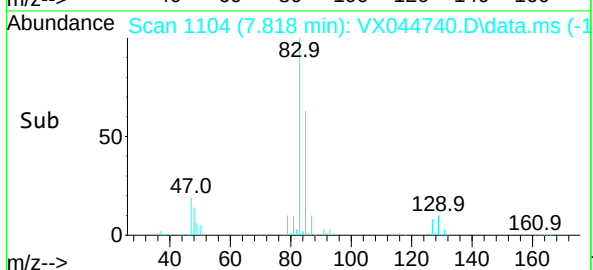
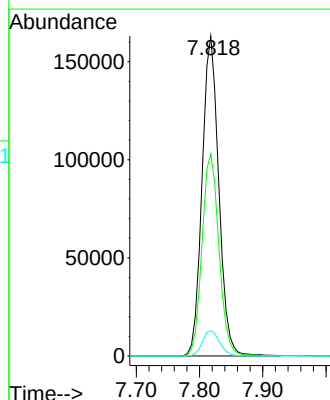
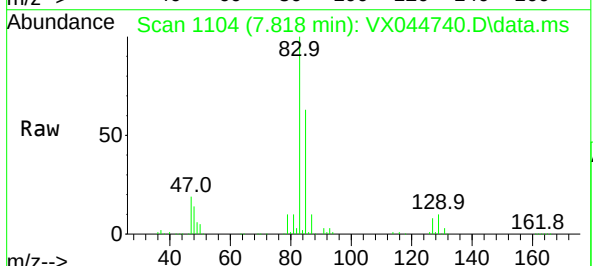
Tgt Ion: 83 Resp: 299754

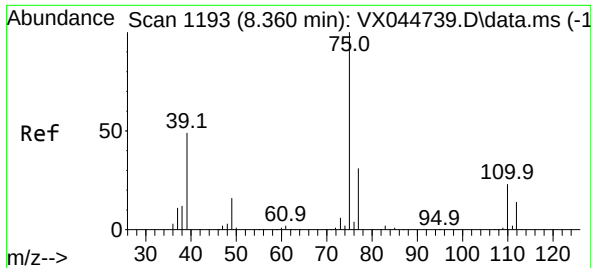
Ion Ratio Lower Upper

83 100

85 63.1 43.8 81.3

127 7.8 6.5 9.7

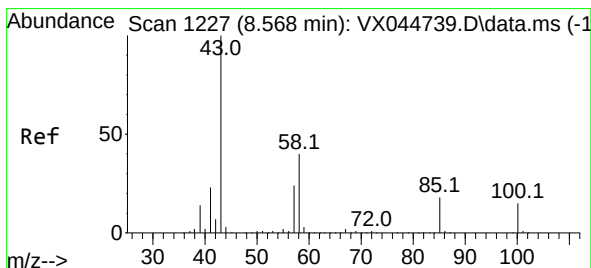
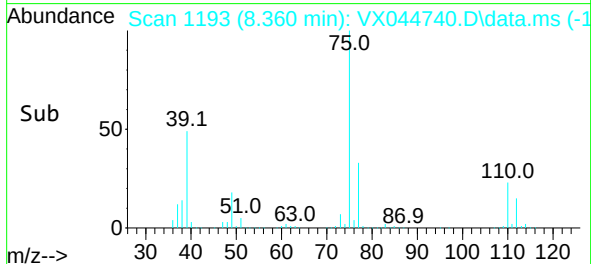
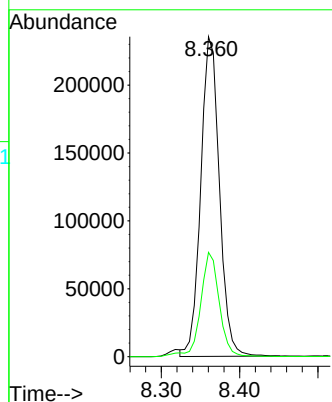
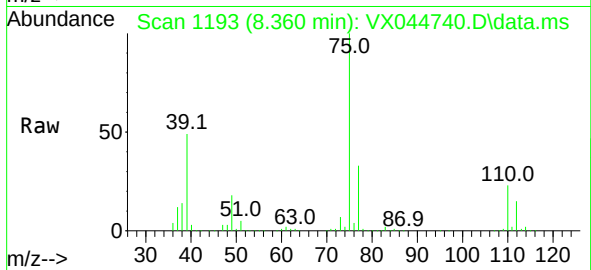




#39
 cis-1,3-Dichloropropene
 Concen: 114.746 ug/L
 RT: 8.360 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: VX044740.D
 Acq: 28 Jan 2025 11:01

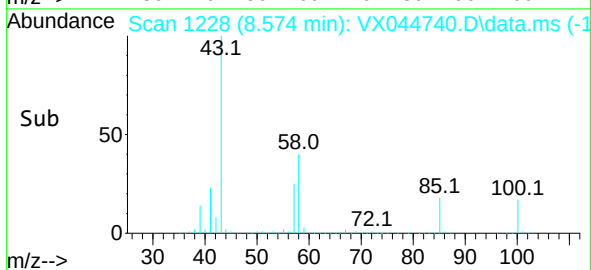
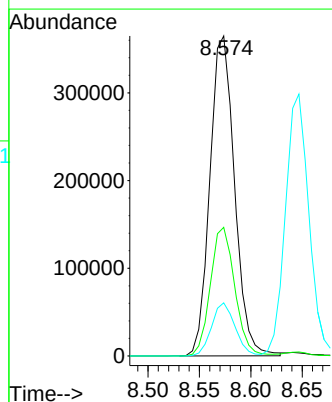
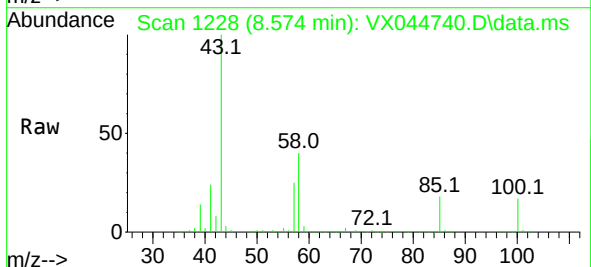
Instrument :
 MSVOA_X
 ClientSampleId :

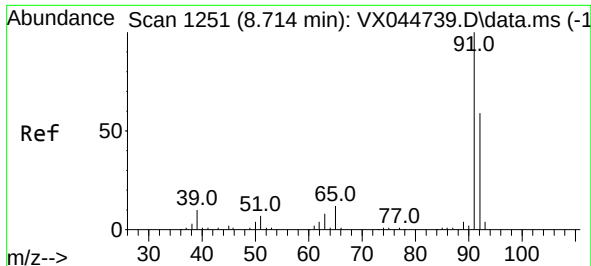
Tgt Ion: 75 Resp: 389117
 Ion Ratio Lower Upper
 75 100
 77 32.6 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 236.709 ug/L
 RT: 8.574 min Scan# 1228
 Delta R.T. 0.006 min
 Lab File: VX044740.D
 Acq: 28 Jan 2025 11:01

Tgt Ion: 43 Resp: 608982
 Ion Ratio Lower Upper
 43 100
 58 39.9 32.1 48.1
 100 15.9 12.9 19.3

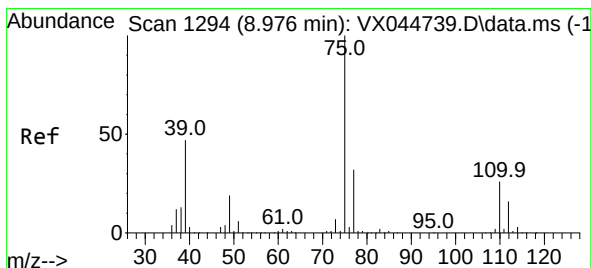
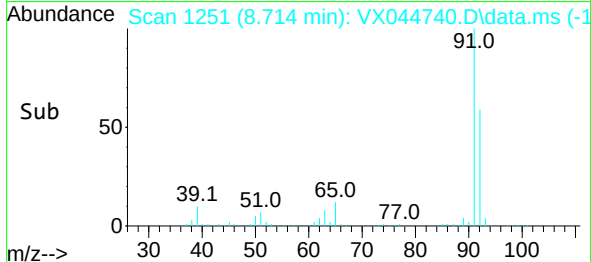
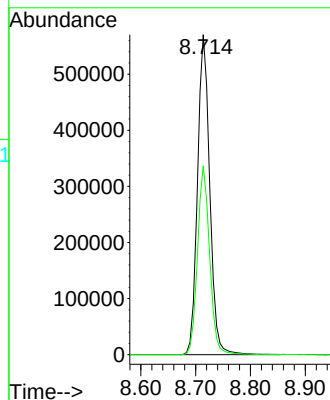
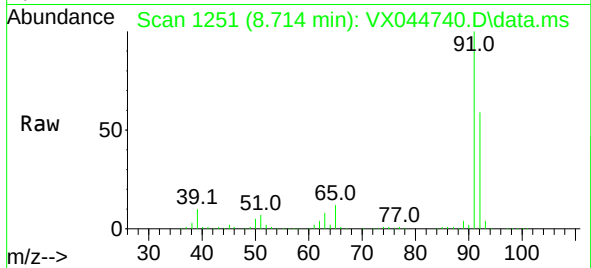




#42
Toluene
Concen: 114.712 ug/L
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044740.D
Acq: 28 Jan 2025 11:01

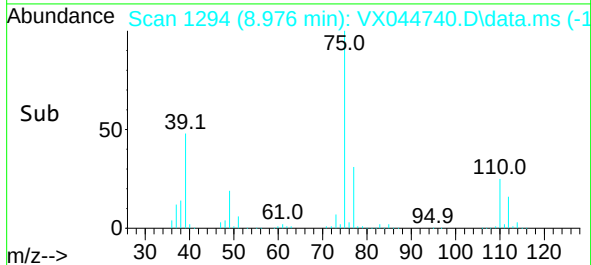
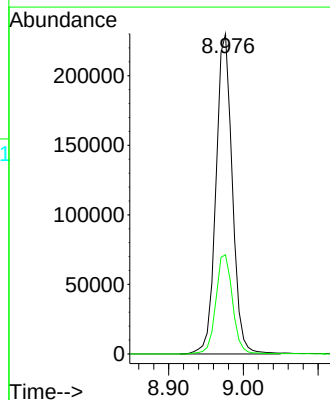
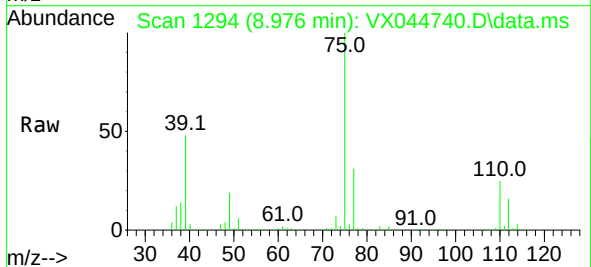
Instrument :
MSVOA_X
ClientSampleId :

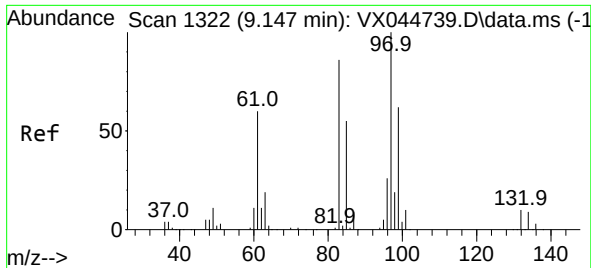
Tgt Ion: 91 Resp: 889103
Ion Ratio Lower Upper
91 100
92 59.0 40.7 75.5



#44
trans-1,3-Dichloropropene
Concen: 113.738 ug/L
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX044740.D
Acq: 28 Jan 2025 11:01

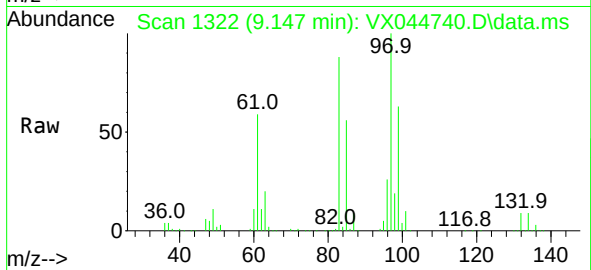
Tgt Ion: 75 Resp: 349525
Ion Ratio Lower Upper
75 100
77 31.0 22.4 41.6





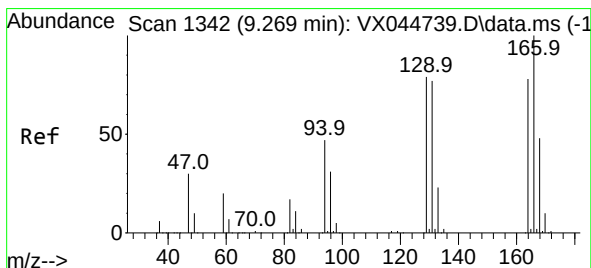
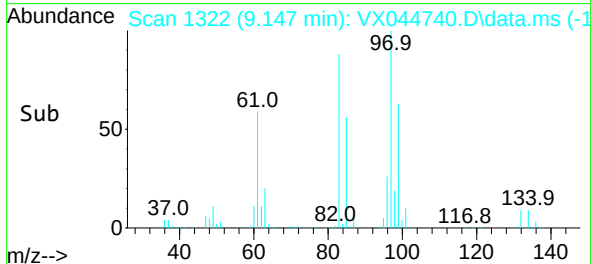
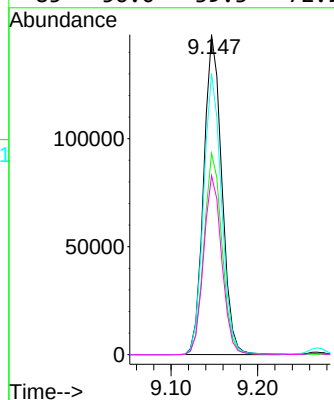
#45
 1,1,2-Trichloroethane
 Concen: 110.414 ug/L
 RT: 9.147 min Scan# 1322
 Delta R.T. 0.000 min
 Lab File: VX044740.D
 Acq: 28 Jan 2025 11:01

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 97 Resp: 215178

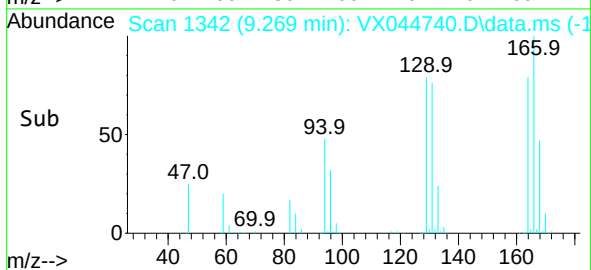
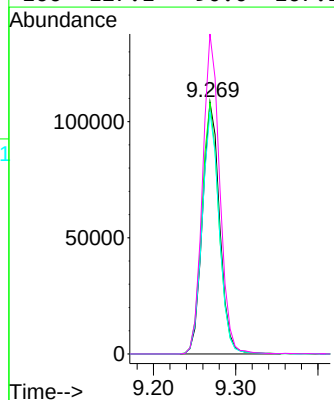
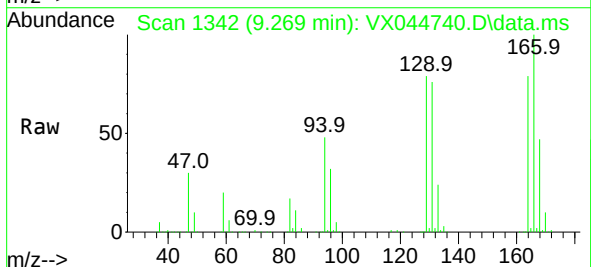
Ion	Ratio	Lower	Upper
97	100		
99	62.9	44.8	83.2
83	87.9	60.8	113.0
85	56.0	39.3	72.9

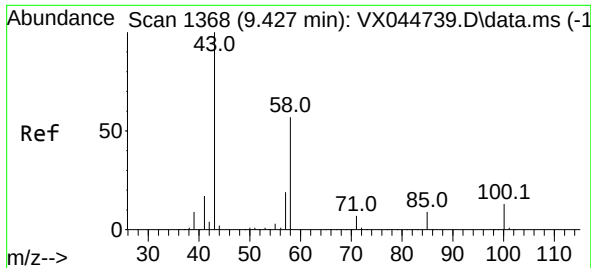


#46
 Tetrachloroethene
 Concen: 116.840 ug/L
 RT: 9.269 min Scan# 1342
 Delta R.T. 0.000 min
 Lab File: VX044740.D
 Acq: 28 Jan 2025 11:01

Tgt Ion: 164 Resp: 156626

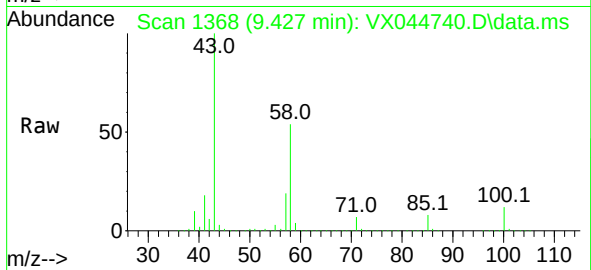
Ion	Ratio	Lower	Upper
164	100		
129	99.8	71.2	132.2
131	96.1	67.2	124.8
166	127.1	90.0	167.2





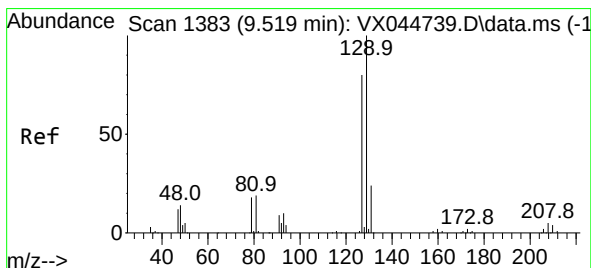
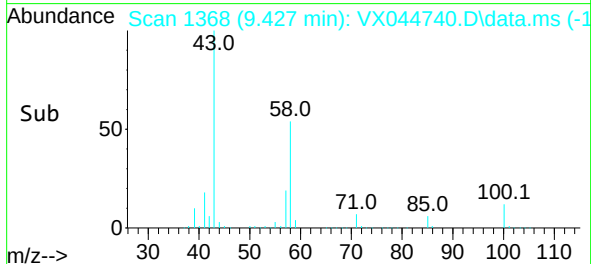
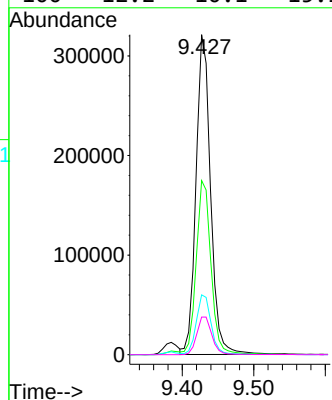
#48
2-Hexanone
Concen: 247.122 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX044740.D
Acq: 28 Jan 2025 11:01

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 43 Resp: 455297

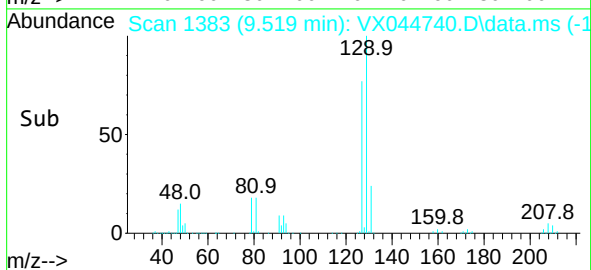
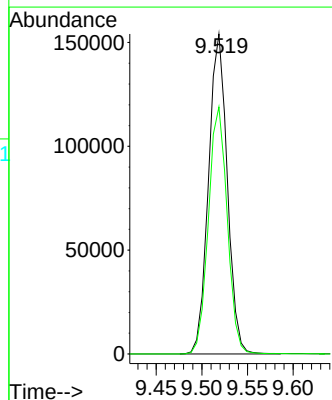
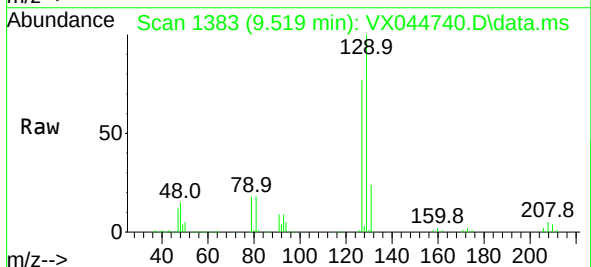
Ion	Ratio	Lower	Upper
43	100		
58	54.8	44.3	66.5
57	19.0	15.9	23.9
100	12.2	10.1	15.1

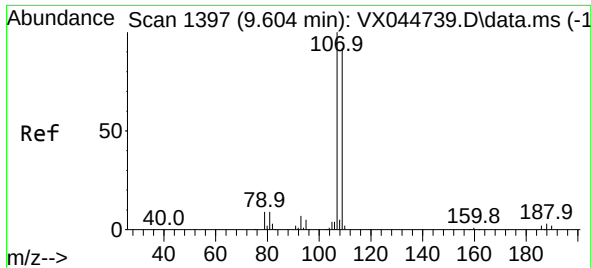


#49
Dibromochloromethane
Concen: 109.771 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044740.D
Acq: 28 Jan 2025 11:01

Tgt Ion: 129 Resp: 219763

Ion	Ratio	Lower	Upper
129	100		
127	77.2	53.6	99.6

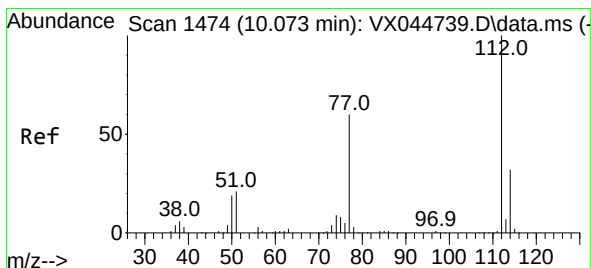
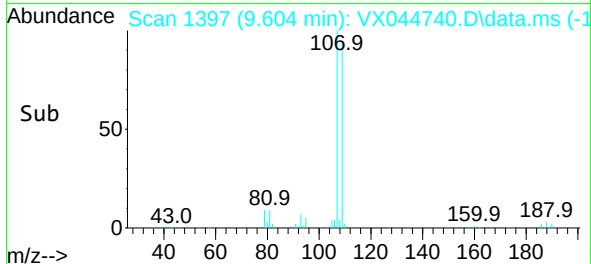
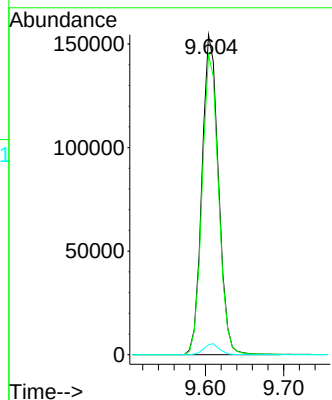
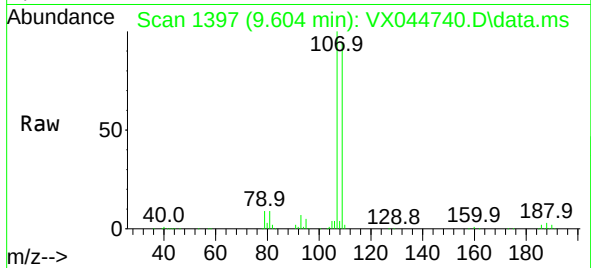




#50
1,2-Dibromoethane
Concen: 111.977 ug/L
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX044740.D
Acq: 28 Jan 2025 11:01

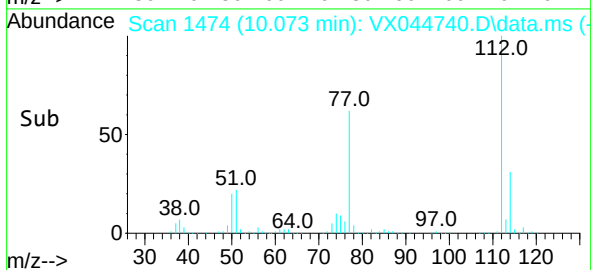
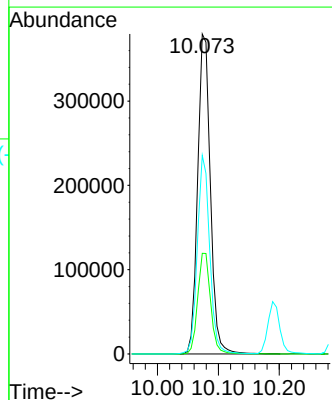
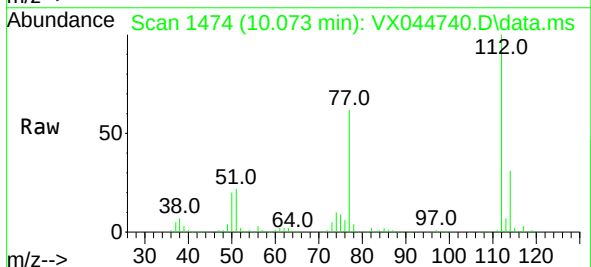
Instrument :
MSVOA_X
ClientSampleId :

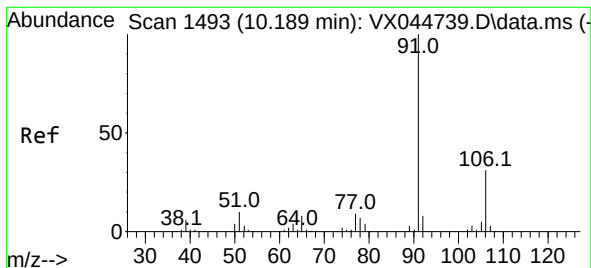
Tgt Ion:107 Resp: 225798
Ion Ratio Lower Upper
107 100
109 93.7 67.2 124.8
188 3.1 2.2 3.4



#51
Chlorobenzene
Concen: 113.574 ug/L
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX044740.D
Acq: 28 Jan 2025 11:01

Tgt Ion:112 Resp: 549610
Ion Ratio Lower Upper
112 100
114 31.5 22.4 41.6
77 62.0 49.2 73.8

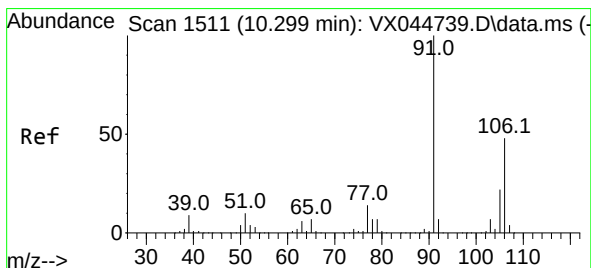
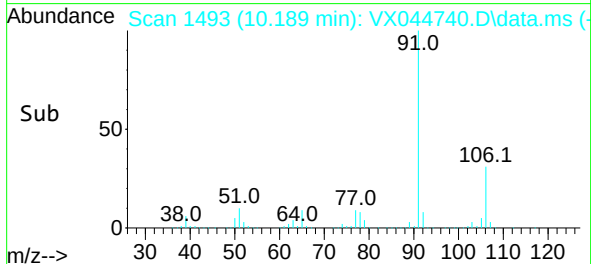
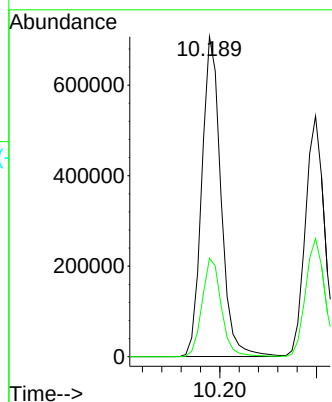
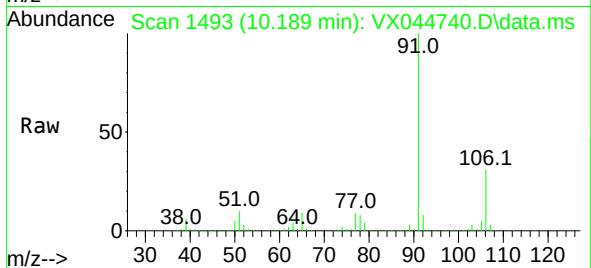




#52
Ethylbenzene
Concen: 115.238 ug/L
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044740.D
Acq: 28 Jan 2025 11:01

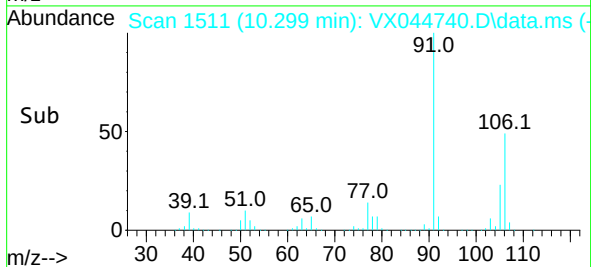
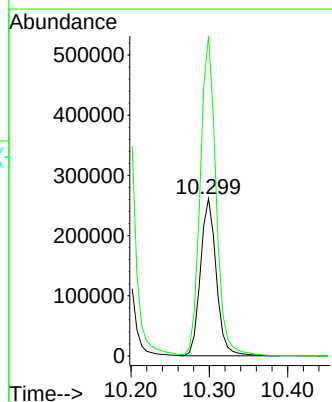
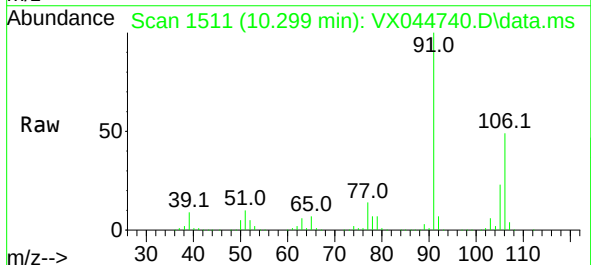
Instrument :
MSVOA_X
ClientSampleId :

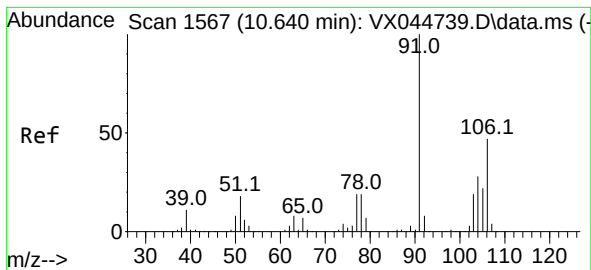
Tgt Ion: 91 Resp: 973902
Ion Ratio Lower Upper
91 100
106 30.8 21.1 39.3



#53
m,p-Xylene
Concen: 115.798 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044740.D
Acq: 28 Jan 2025 11:01

Tgt Ion:106 Resp: 367280
Ion Ratio Lower Upper
106 100
91 203.5 145.2 269.6

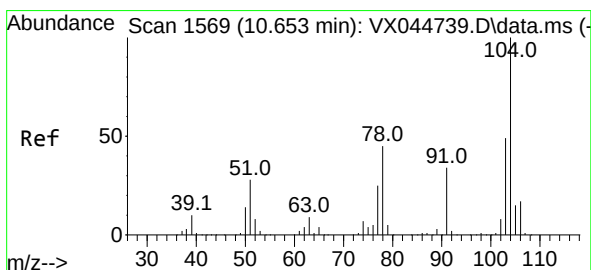
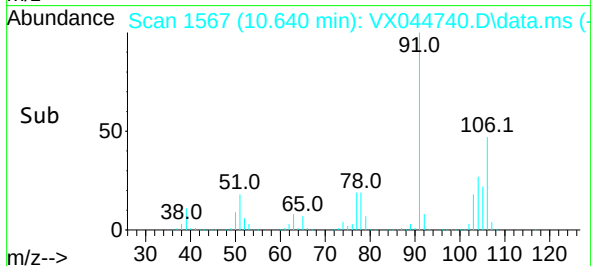
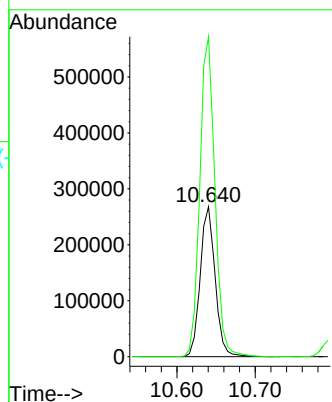
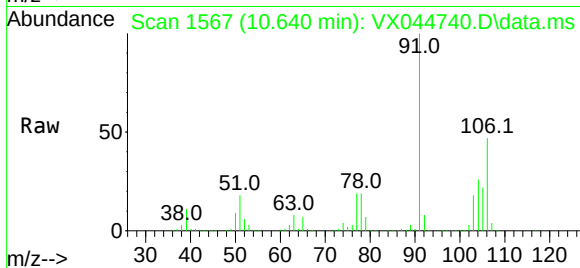




#54
o-Xylene
Concen: 112.832 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044740.D
Acq: 28 Jan 2025 11:01

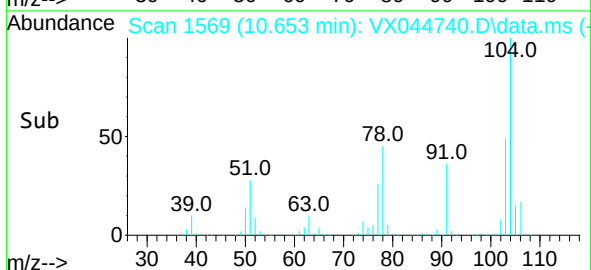
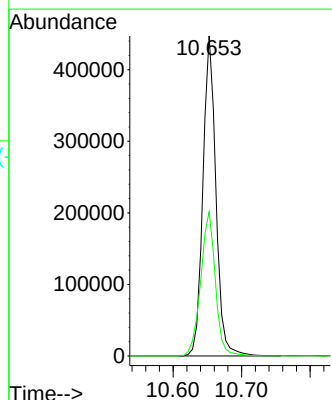
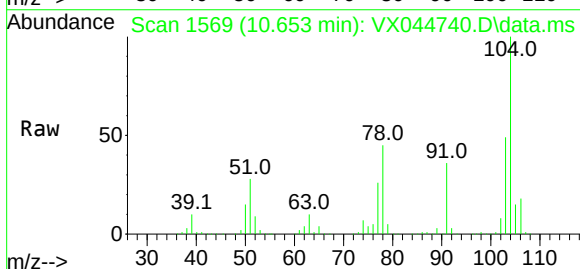
Instrument :
MSVOA_X
ClientSampleId :

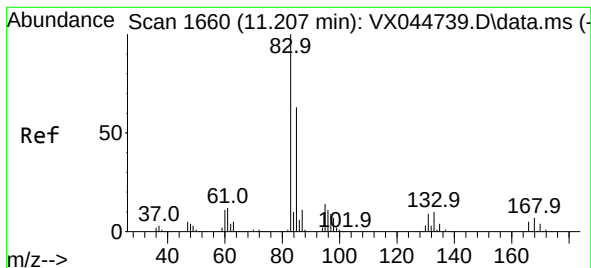
Tgt Ion:106 Resp: 354753
Ion Ratio Lower Upper
106 100
91 213.4 153.2 284.4



#55
Styrene
Concen: 114.036 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044740.D
Acq: 28 Jan 2025 11:01

Tgt Ion:104 Resp: 591240
Ion Ratio Lower Upper
104 100
78 45.1 32.7 60.7





#57

1,1,2,2-Tetrachloroethane

Concen: 114.091 ug/L

RT: 11.207 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044740.D

Acq: 28 Jan 2025 11:01

Instrument :

MSVOA_X

ClientSampleId :

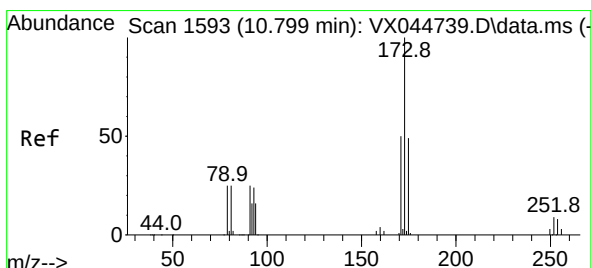
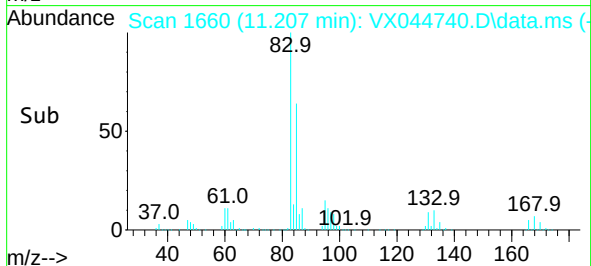
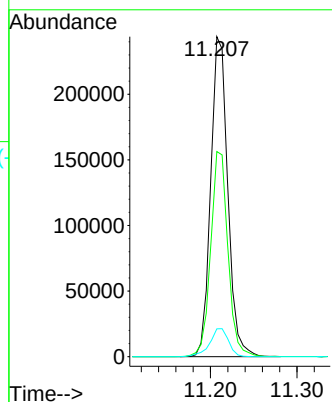
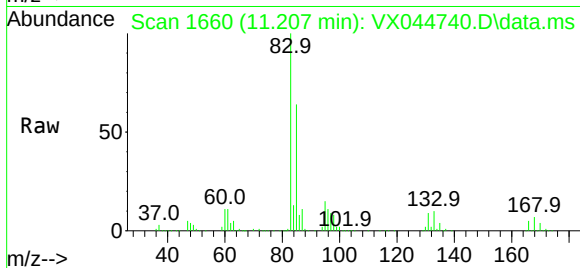
Tgt Ion: 83 Resp: 333382

Ion Ratio Lower Upper

83 100

85 64.1 44.9 83.5

131 8.7 8.0 12.0



#59

Bromoform

Concen: 107.865 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX044740.D

Acq: 28 Jan 2025 11:01

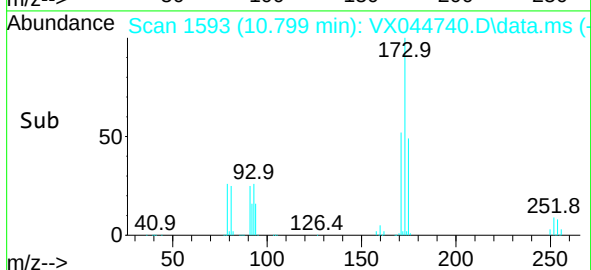
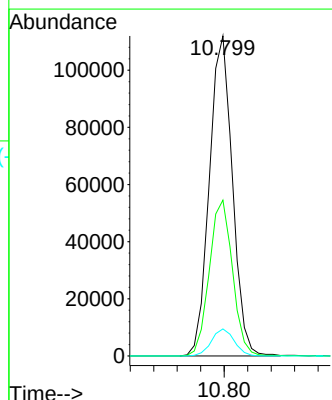
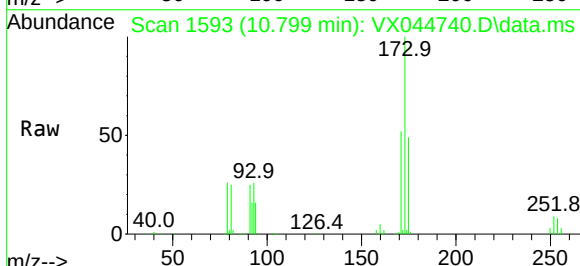
Tgt Ion:173 Resp: 152807

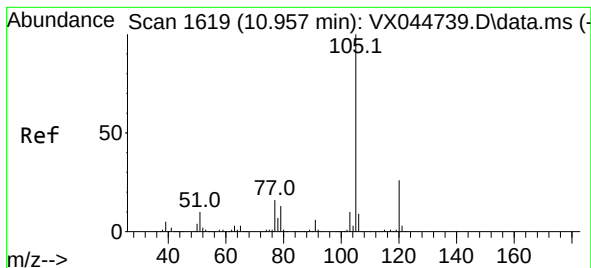
Ion Ratio Lower Upper

173 100

175 49.0 38.6 58.0

254 8.4 6.6 10.0





#60

Isopropylbenzene

Concen: 110.740 ug/L

RT: 10.957 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VX044740.D

Acq: 28 Jan 2025 11:01

Instrument :

MSVOA_X

ClientSampleId :

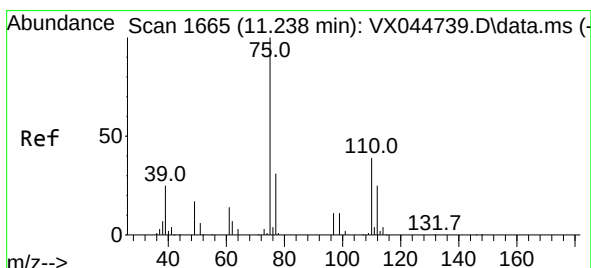
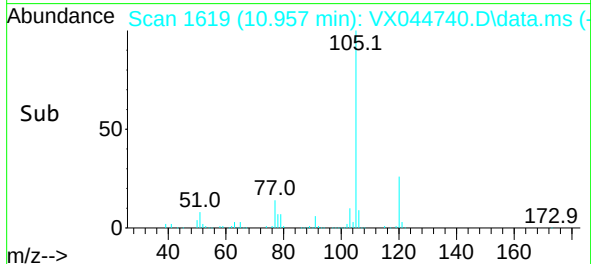
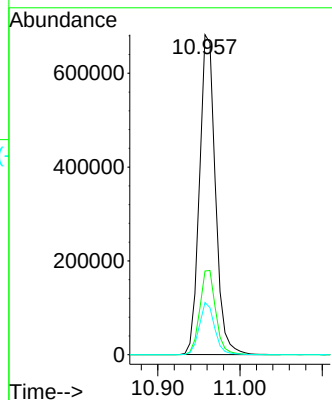
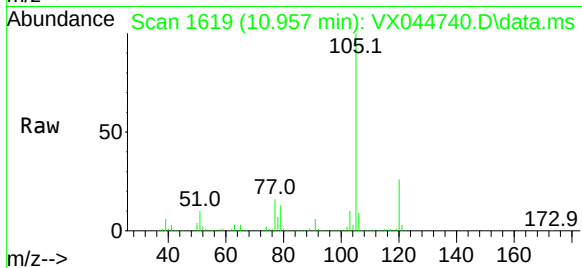
Tgt Ion:105 Resp: 916809

Ion Ratio Lower Upper

105 100

120 26.5 20.9 31.3

77 15.8 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 108.895 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX044740.D

Acq: 28 Jan 2025 11:01

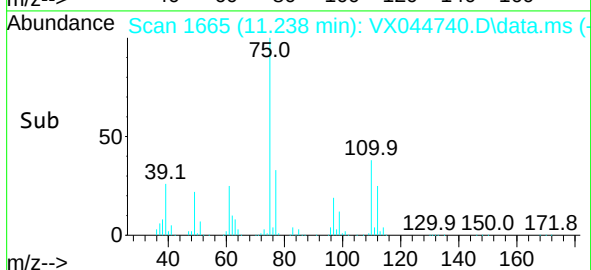
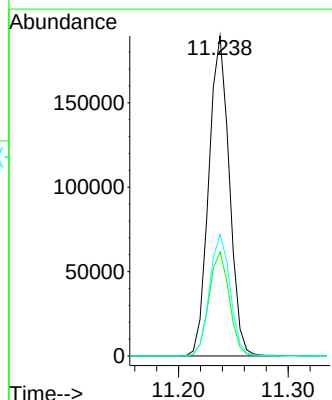
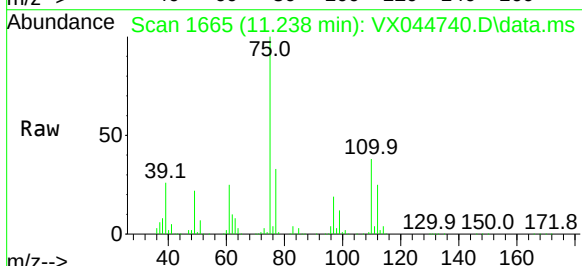
Tgt Ion: 75 Resp: 246638

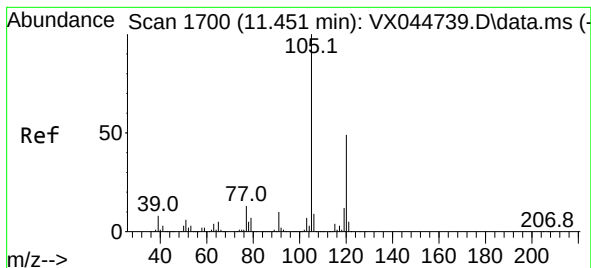
Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.6

110 38.1 30.8 46.2





#62

1,3,5-Trimethylbenzene

Concen: 110.504 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX044740.D

Acq: 28 Jan 2025 11:01

Instrument :

MSVOA_X

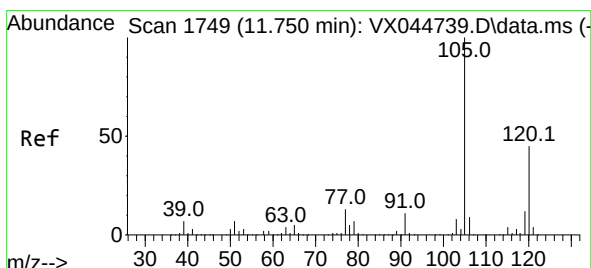
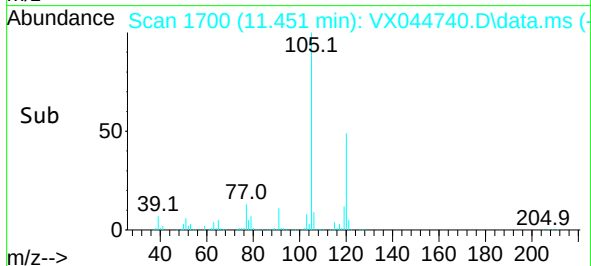
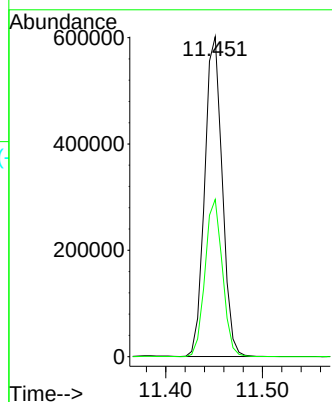
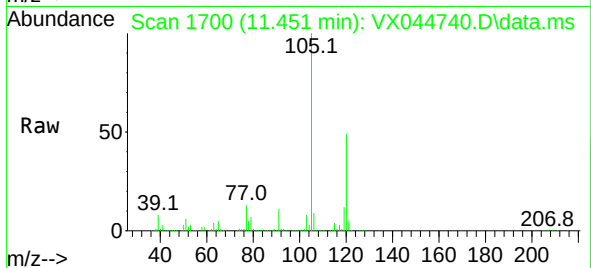
ClientSampleId :

Tgt Ion:105 Resp: 760262

Ion Ratio Lower Upper

105 100

120 48.8 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 111.442 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX044740.D

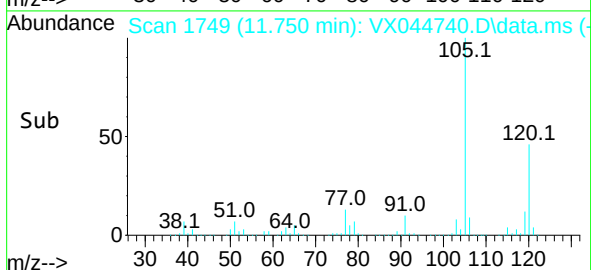
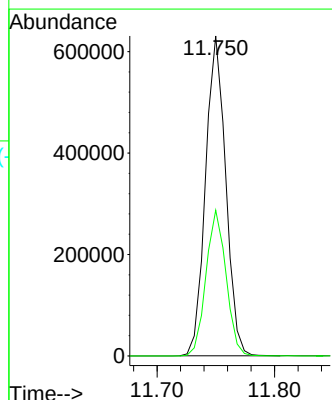
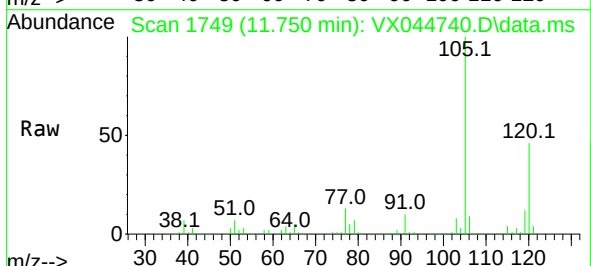
Acq: 28 Jan 2025 11:01

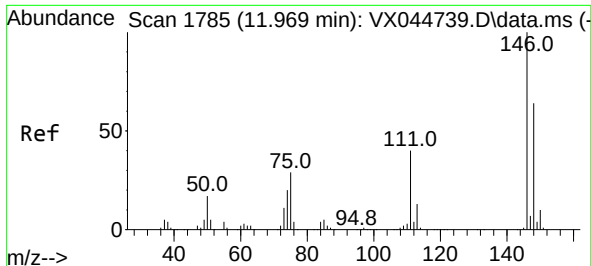
Tgt Ion:105 Resp: 751644

Ion Ratio Lower Upper

105 100

120 45.2 35.7 53.5

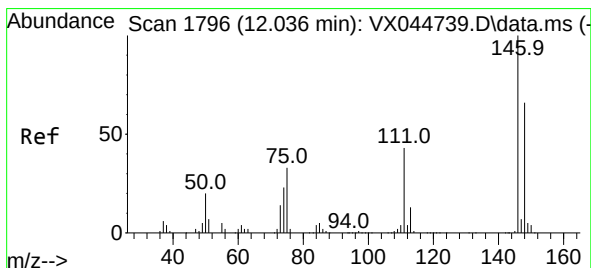
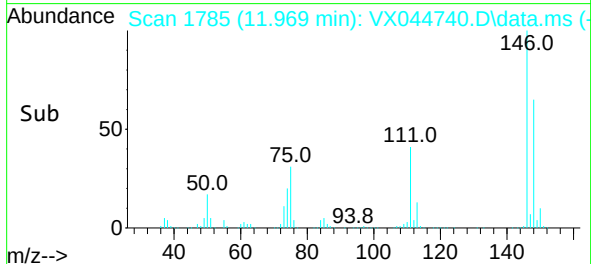
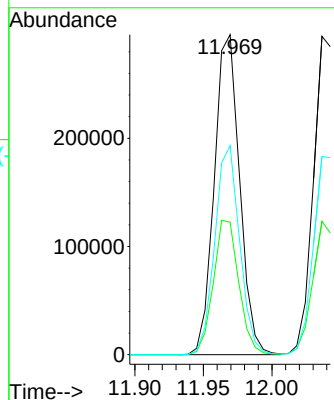
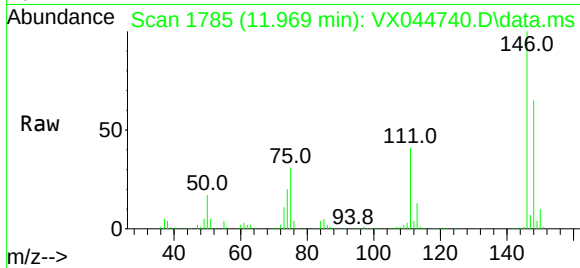




#64
 1,3-Dichlorobenzene
 Concen: 111.289 ug/L
 RT: 11.969 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: VX044740.D
 Acq: 28 Jan 2025 11:01

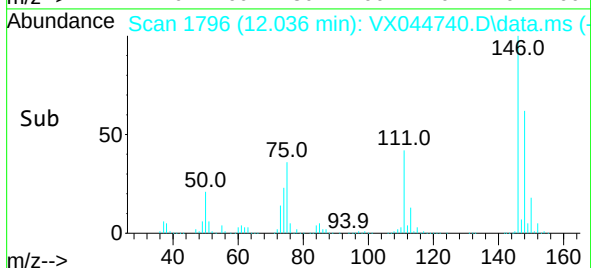
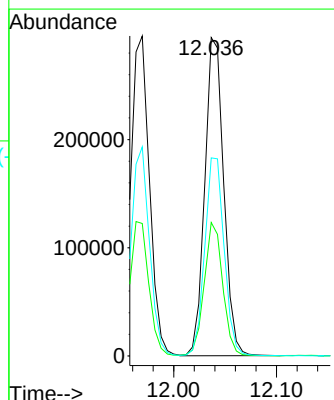
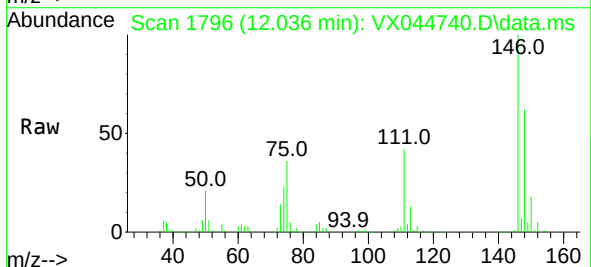
Instrument :
 MSVOA_X
 ClientSampleId :

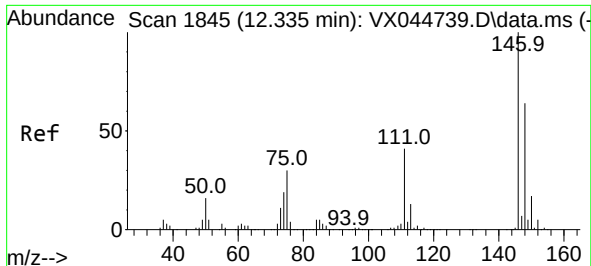
Tgt Ion:146 Resp: 379947
 Ion Ratio Lower Upper
 146 100
 111 41.4 29.5 54.9
 148 65.4 44.4 82.5



#65
 1,4-Dichlorobenzene
 Concen: 112.137 ug/L
 RT: 12.036 min Scan# 1796
 Delta R.T. 0.000 min
 Lab File: VX044740.D
 Acq: 28 Jan 2025 11:01

Tgt Ion:146 Resp: 377218
 Ion Ratio Lower Upper
 146 100
 111 41.9 29.7 55.1
 148 62.2 43.5 80.7





#67

1,2-Dichlorobenzene

Concen: 110.429 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX044740.D

Acq: 28 Jan 2025 11:01

Instrument :

MSVOA_X

ClientSampleId :

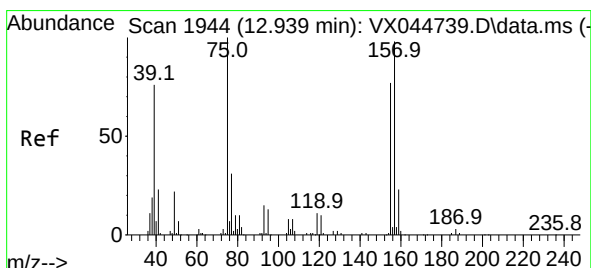
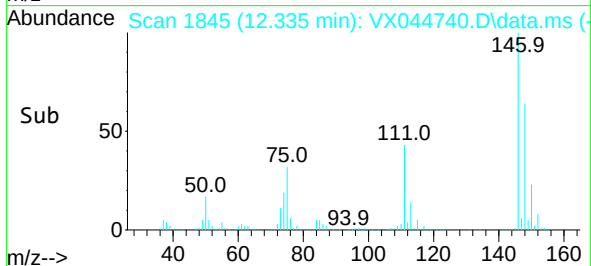
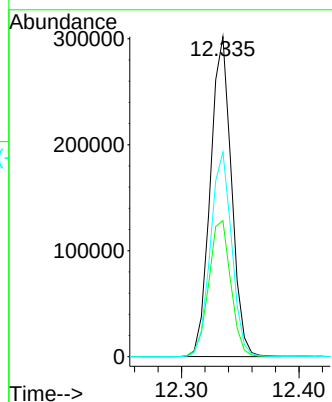
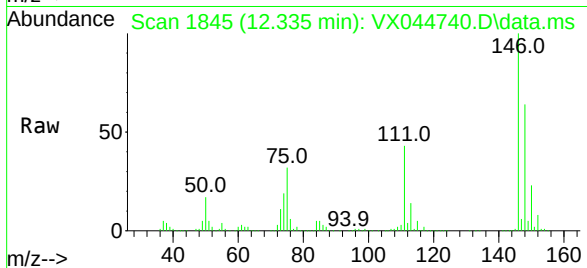
Tgt Ion:146 Resp: 375659

Ion Ratio Lower Upper

146 100

111 42.5 36.1 54.1

148 64.0 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 108.592 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX044740.D

Acq: 28 Jan 2025 11:01

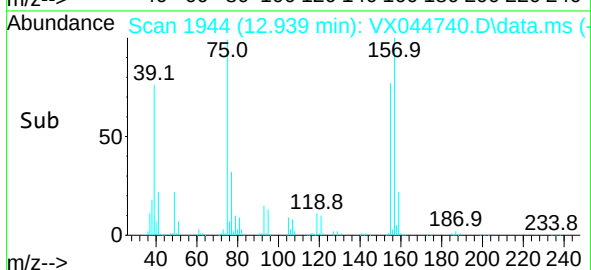
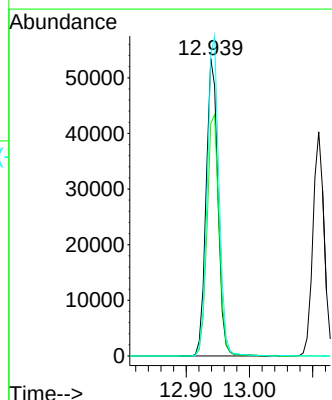
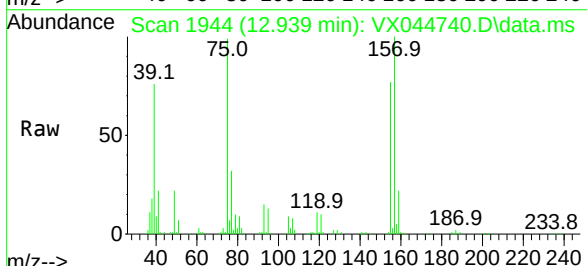
Tgt Ion: 75 Resp: 69435

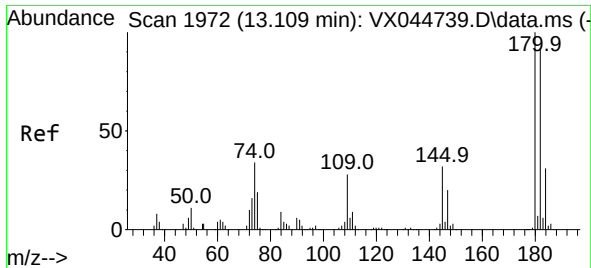
Ion Ratio Lower Upper

75 100

155 78.1 62.5 93.7

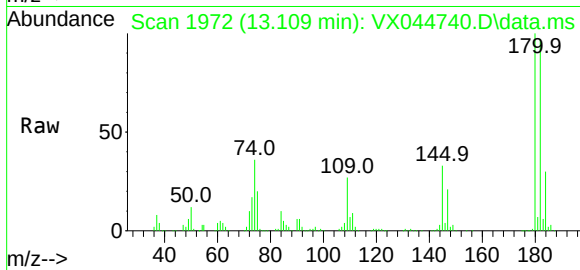
157 100.9 83.5 125.3



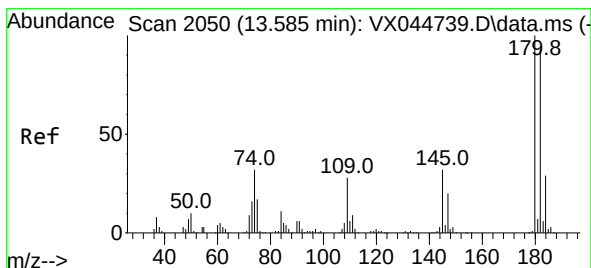
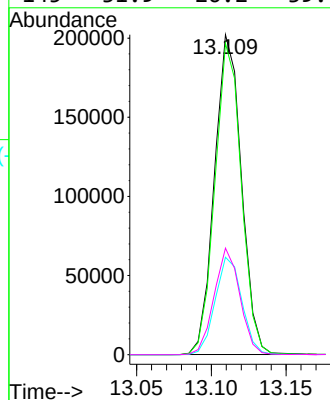
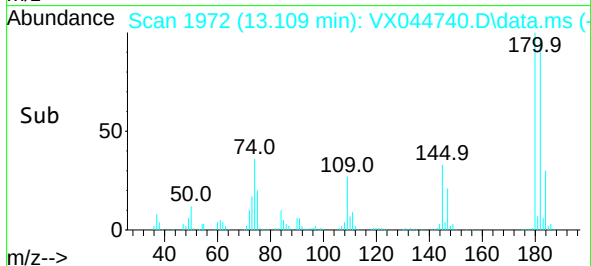


#69
 1,3,5-Trichlorobenzene
 Concen: 114.944 ug/L
 RT: 13.109 min Scan# 1972
 Delta R.T. 0.000 min
 Lab File: VX044740.D
 Acq: 28 Jan 2025 11:01

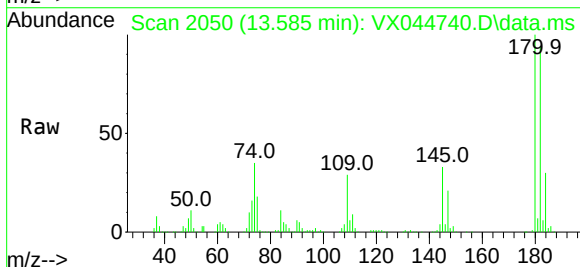
Instrument :
 MSVOA_X
 ClientSampleId :



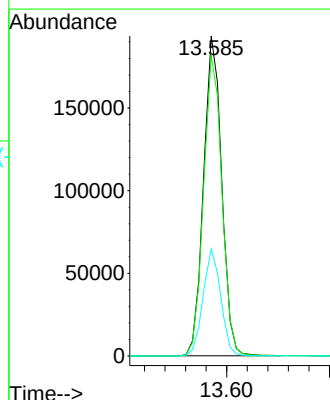
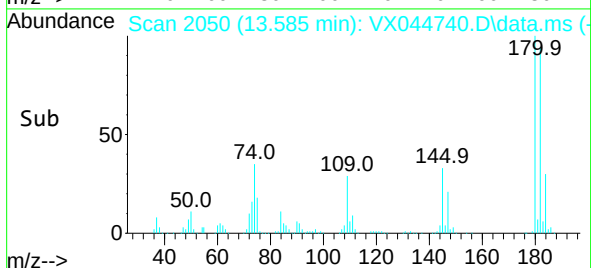
Tgt Ion:180 Resp: 252738
 Ion Ratio Lower Upper
 180 100
 182 95.8 77.0 115.6
 184 30.3 24.0 36.0
 145 31.9 26.2 39.4

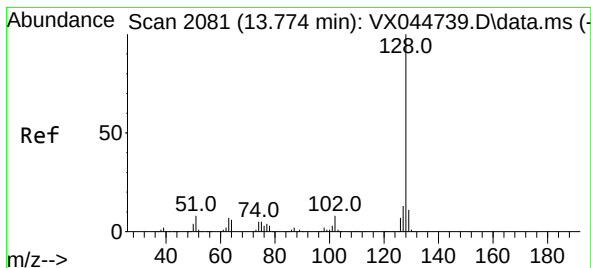


#70
 1,2,4-trichlorobenzene
 Concen: 119.797 ug/L
 RT: 13.585 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VX044740.D
 Acq: 28 Jan 2025 11:01



Tgt Ion:180 Resp: 237170
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.5 114.7
 145 32.8 27.0 40.4





#71

Naphthalene

Concen: 116.553 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX044740.D

Acq: 28 Jan 2025 11:01

Instrument :

MSVOA_X

ClientSampleId :

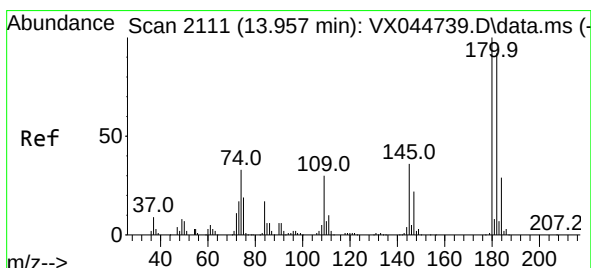
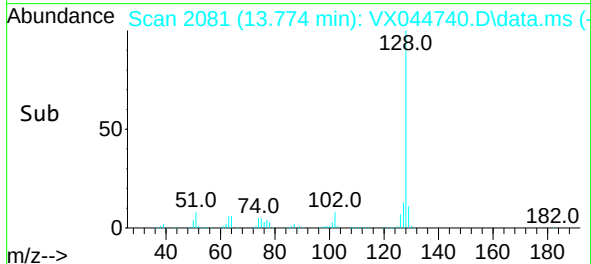
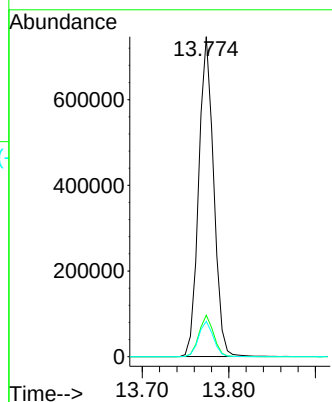
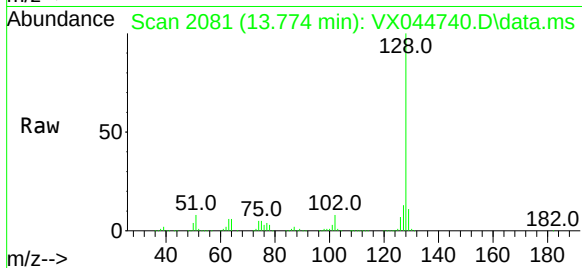
Tgt Ion:128 Resp: 896149

Ion Ratio Lower Upper

128 100

127 12.7 10.1 15.1

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 116.179 ug/L

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX044740.D

Acq: 28 Jan 2025 11:01

Tgt Ion:180 Resp: 235616

Ion Ratio Lower Upper

180 100

182 95.4 77.1 115.7

145 34.8 28.3 42.5

