

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031325\
 Data File : VX045258.D
 Acq On : 13 Mar 2025 10:52
 Operator : JC/MD
 Sample : VX0313MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 14 12:26:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	64782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	127307	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48783	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	56906	55.224	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.440%	
35) Dibromofluoromethane	5.379	113	45782	53.781	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.560%	
50) Toluene-d8	8.647	98	158385	51.321	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.640%	
62) 4-Bromofluorobenzene	11.079	95	54818	53.604	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 107.200%	

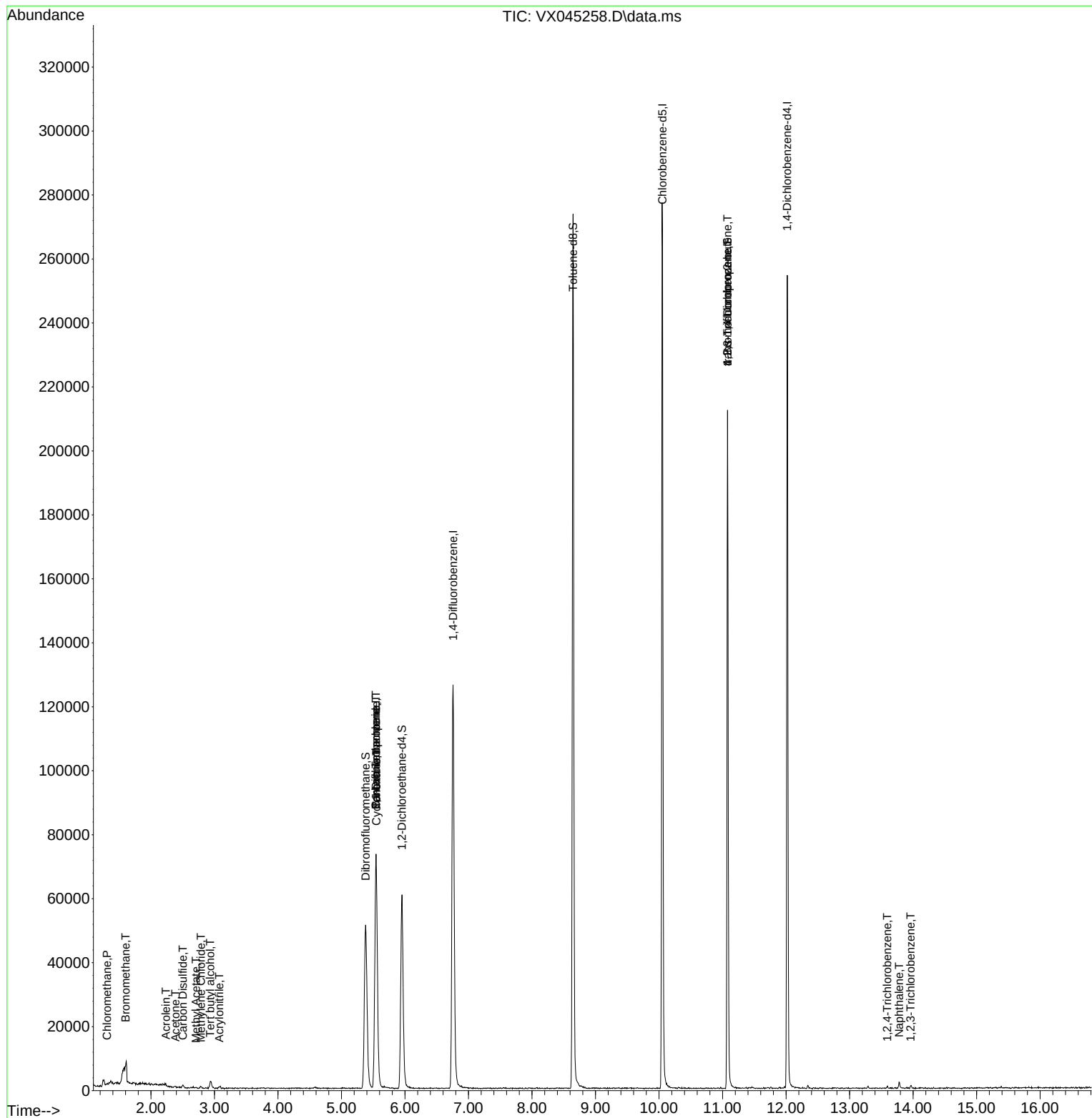
Target Compounds			Qvalue			
3) Chloromethane	1.307	50	217	0.217	ug/l #	43
5) Bromomethane	1.599	94	116	0.298	ug/l #	62
11) Tert butyl alcohol	2.934	59	1436	7.357	ug/l #	73
13) Acrolein	2.233	56	160	0.709	ug/l #	68
15) Acrylonitrile	3.074	53	300	0.573	ug/l #	81
16) Acetone	2.386	43	548	1.146	ug/l	98
17) Carbon Disulfide	2.501	76	1140	0.538	ug/l #	77
18) Methyl Acetate	2.709	43	271	0.236	ug/l #	54
20) Methylene Chloride	2.788	84	209	0.221	ug/l #	57
31) Cyclohexane	5.550	56	1813	1.293	ug/l #	44
36) 1,1-Dichloropropene	5.544	75	6116	5.239	ug/l #	49
38) Carbon Tetrachloride	5.544	117	7220	6.092	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	30524	26.883	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	30524	91.999	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.591	180	254	0.277	ug/l	94
95) Naphthalene	13.780	128	1861	0.529	ug/l #	86
96) 1,2,3-Trichlorobenzene	13.963	180	424	0.439	ug/l	90

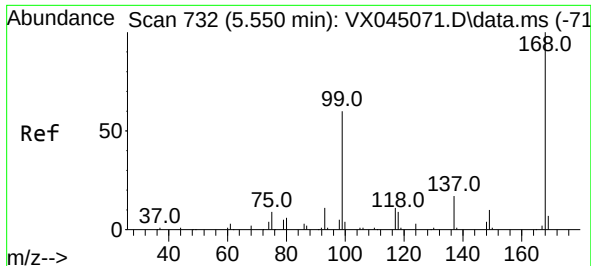
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031325\
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 14 12:26:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

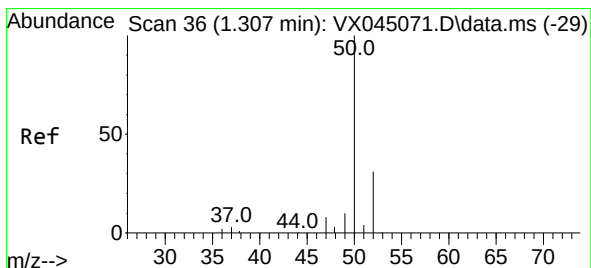
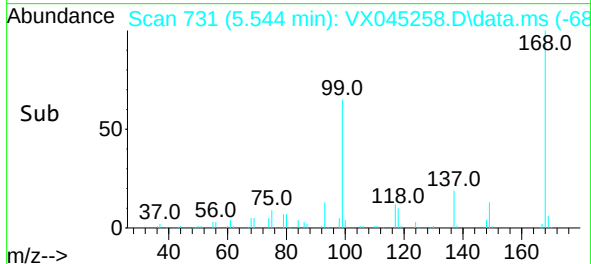
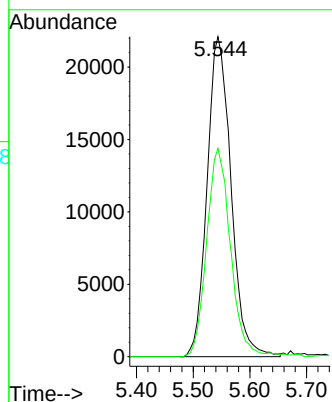
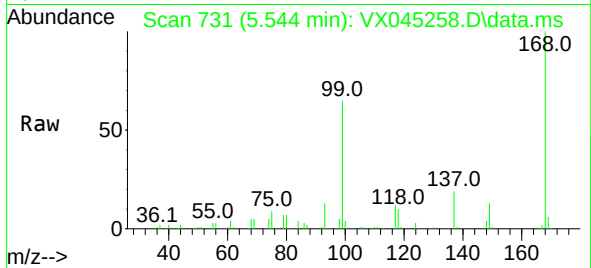




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045258.D
Acq: 13 Mar 2025 10:52

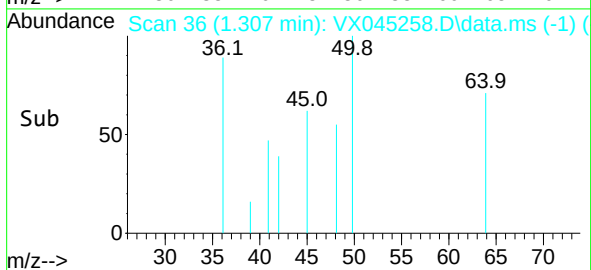
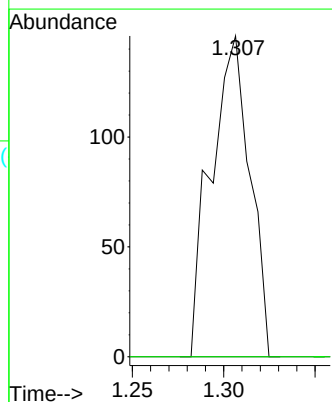
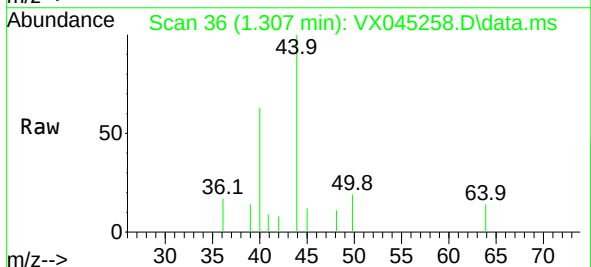
Instrument :
MSVOA_X
ClientSampleId :

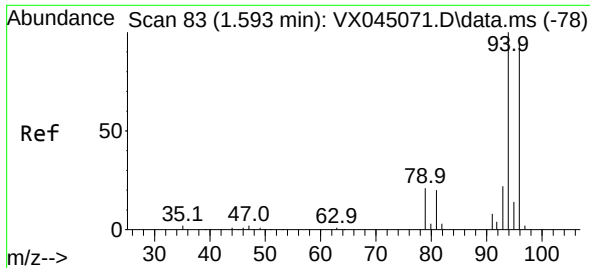
Tgt Ion:168 Resp: 64782
Ion Ratio Lower Upper
168 100
99 65.1 48.2 72.4



#3
Chloromethane
Concen: 0.217 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX045258.D
Acq: 13 Mar 2025 10:52

Tgt Ion: 50 Resp: 217
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

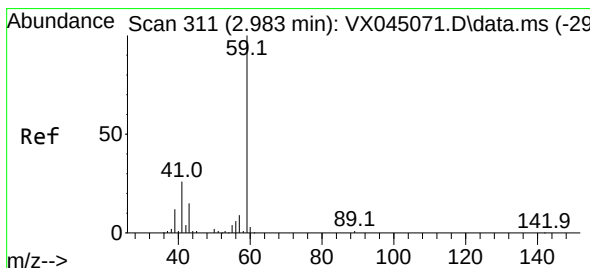
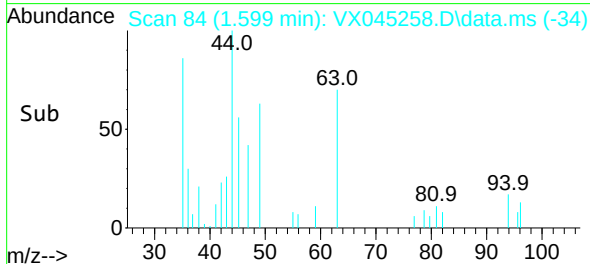
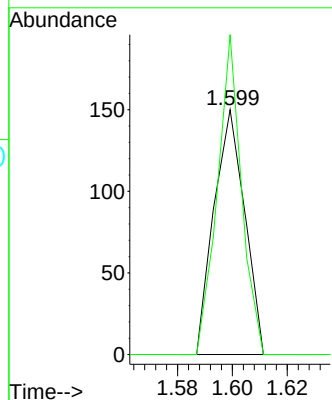
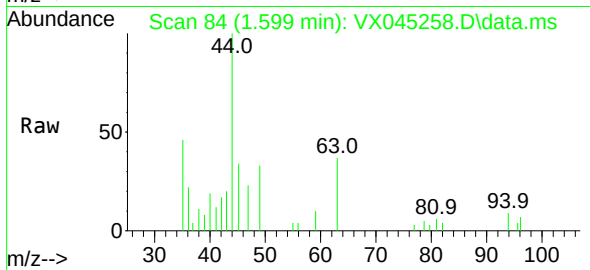




#5
Bromomethane
Concen: 0.298 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX045258.D
Acq: 13 Mar 2025 10:52

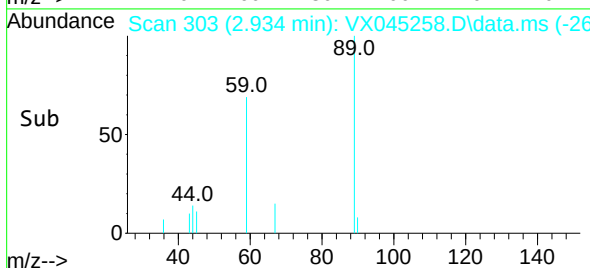
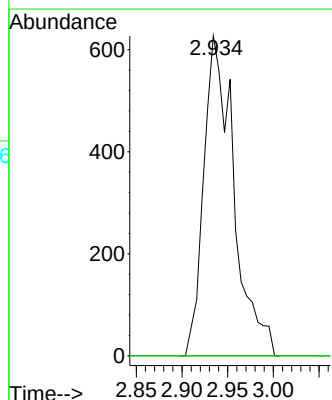
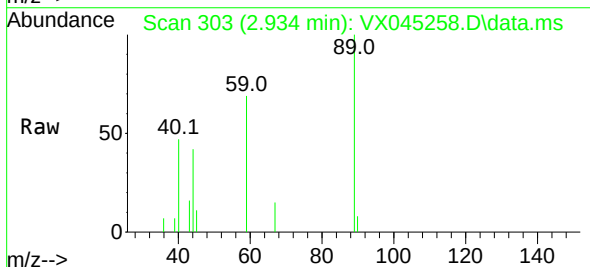
Instrument :
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ClientSampleId :

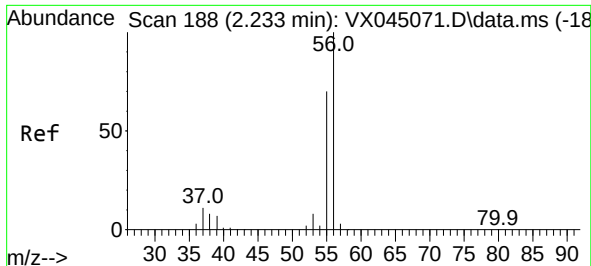
Tgt Ion: 94 Resp: 116
Ion Ratio Lower Upper
94 100
96 130.7 75.0 112.4#



#11
Tert butyl alcohol
Concen: 7.357 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.049 min
Lab File: VX045258.D
Acq: 13 Mar 2025 10:52

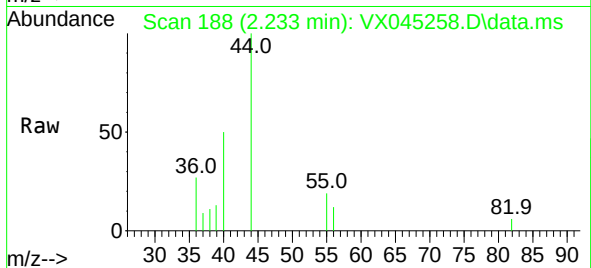
Tgt Ion: 59 Resp: 1436
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



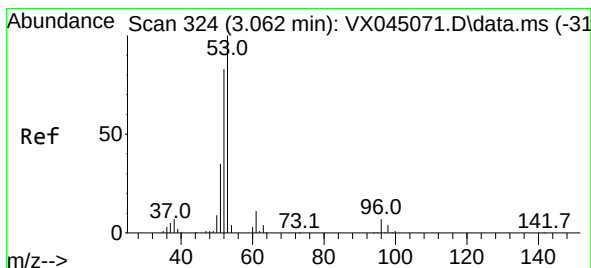
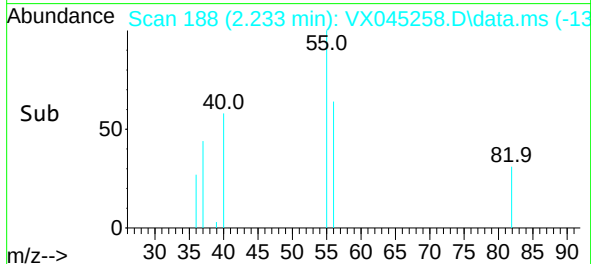
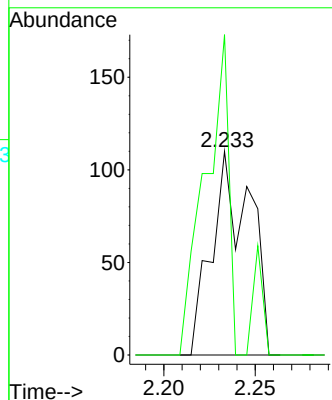


#13
Acrolein
Concen: 0.709 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045258.D
Acq: 13 Mar 2025 10:52

Instrument :
MSVOA_X
ClientSampleId :

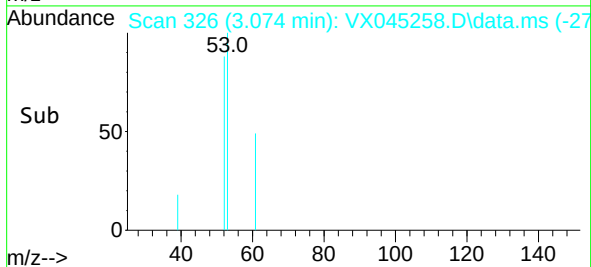
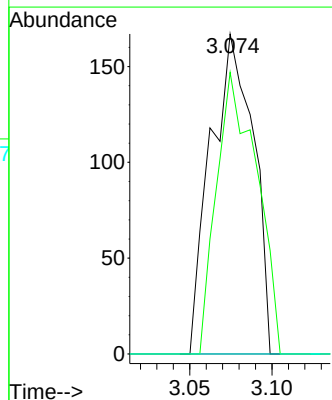
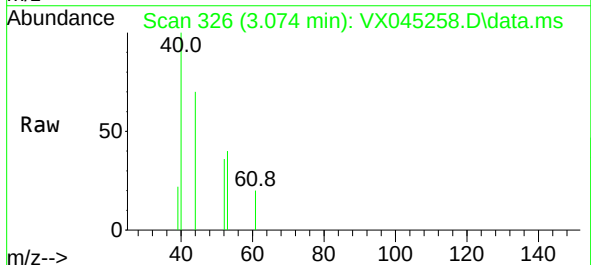


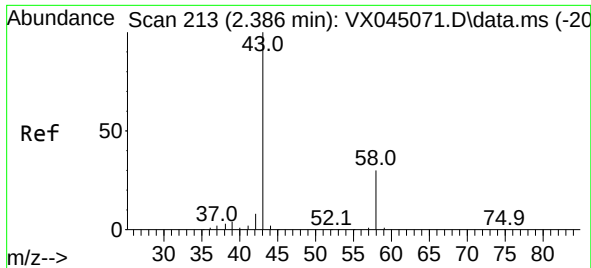
Tgt Ion: 56 Resp: 160
Ion Ratio Lower Upper
56 100
55 96.9 56.2 84.4#



#15
Acrylonitrile
Concen: 0.573 ug/l
RT: 3.074 min Scan# 326
Delta R.T. 0.012 min
Lab File: VX045258.D
Acq: 13 Mar 2025 10:52

Tgt Ion: 53 Resp: 300
Ion Ratio Lower Upper
53 100
52 83.3 66.2 99.2
51 0.0 29.0 43.4#

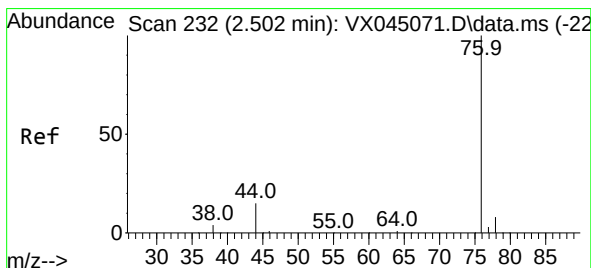
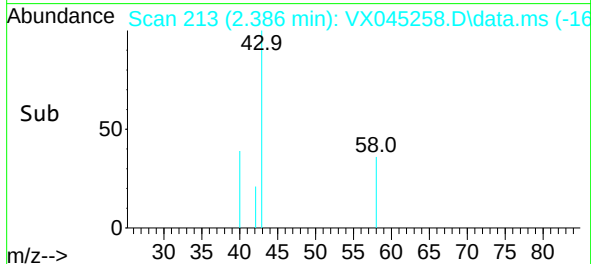
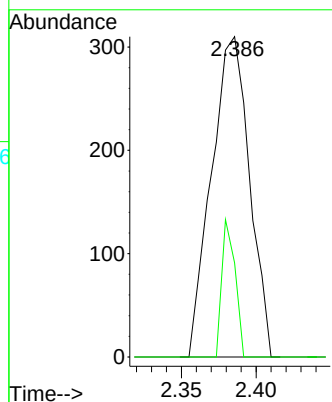
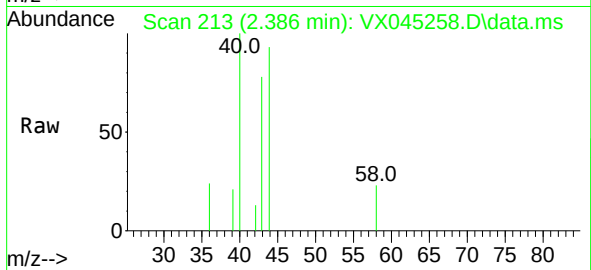




#16
Acetone
Concen: 1.146 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045258.D
Acq: 13 Mar 2025 10:52

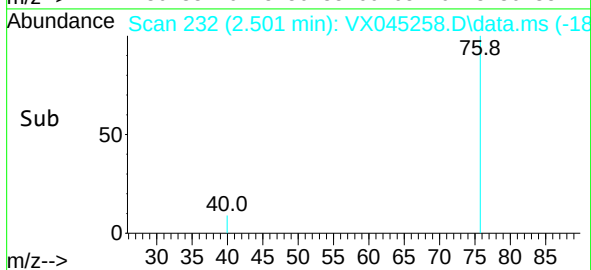
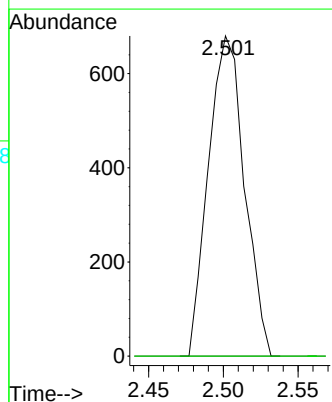
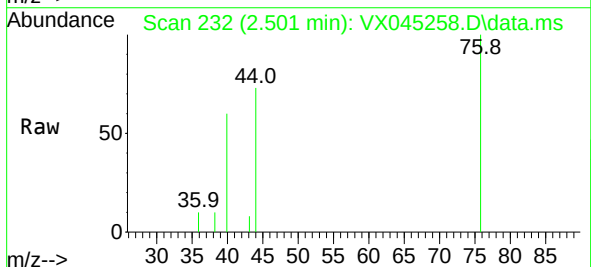
Instrument :
MSVOA_X
ClientSampleId :

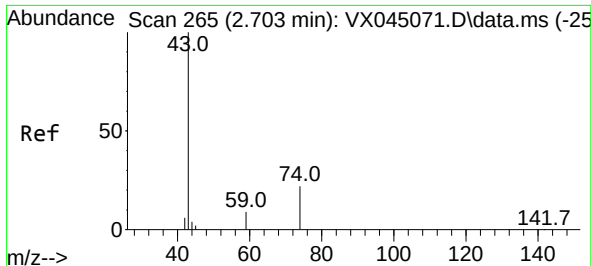
Tgt Ion: 43 Resp: 548
Ion Ratio Lower Upper
43 100
58 29.4 24.2 36.4



#17
Carbon Disulfide
Concen: 0.538 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX045258.D
Acq: 13 Mar 2025 10:52

Tgt Ion: 76 Resp: 1140
Ion Ratio Lower Upper
76 100
78 0.0 6.6 9.8#

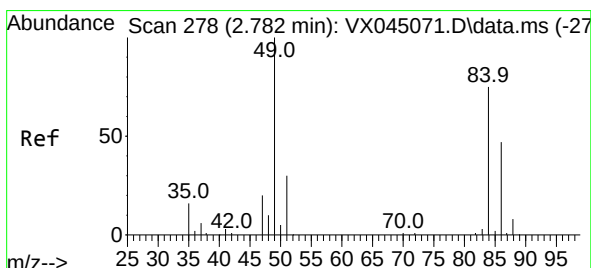
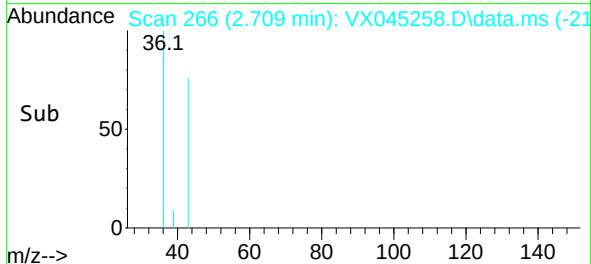
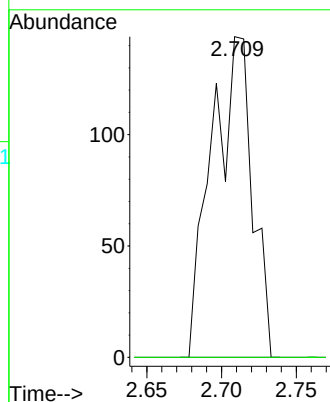
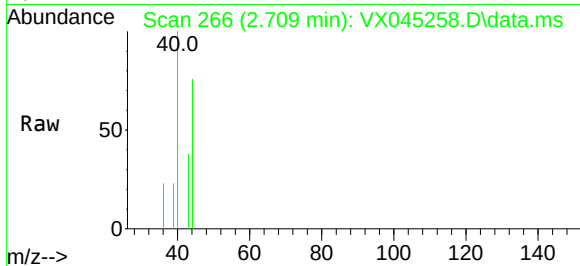




#18
Methyl Acetate
Concen: 0.236 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX045258.D
Acq: 13 Mar 2025 10:52

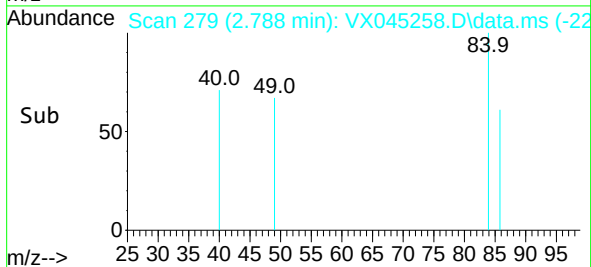
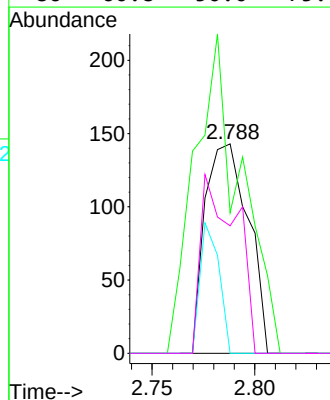
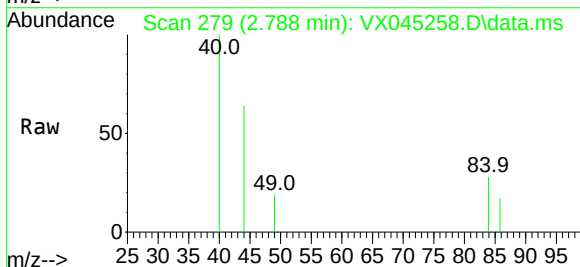
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MSVOA_X
ClientSampleId :

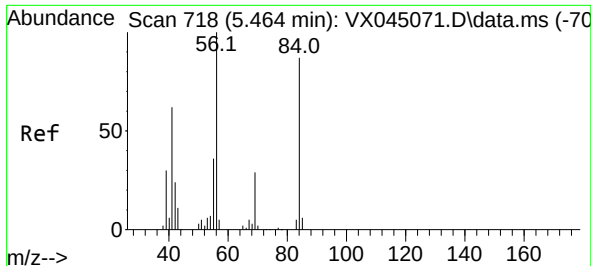
Tgt Ion: 43 Resp: 271
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#



#20
Methylene Chloride
Concen: 0.221 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045258.D
Acq: 13 Mar 2025 10:52

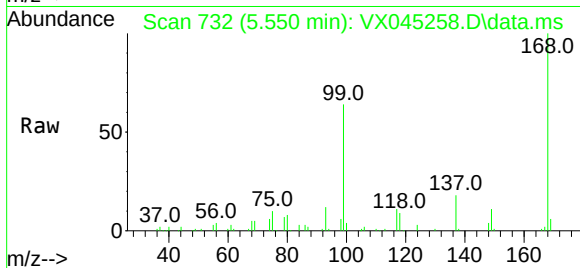
Tgt Ion: 84 Resp: 209
Ion Ratio Lower Upper
84 100
49 67.1 106.5 159.7#
51 0.0 32.1 48.1#
86 60.8 50.0 75.0



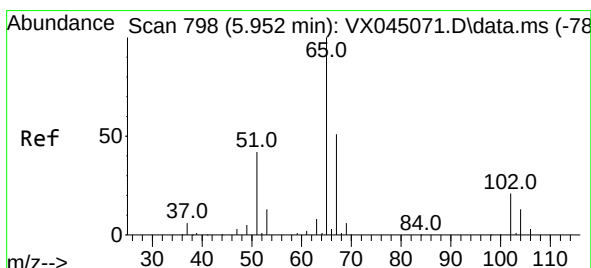
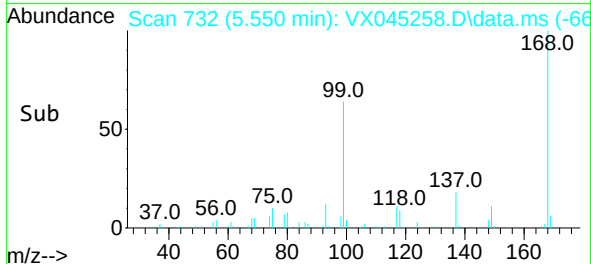
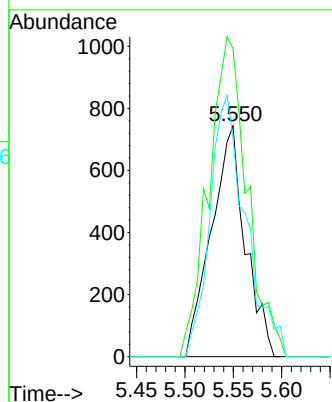


#31
Cyclohexane
Concen: 1.293 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX045258.D
Acq: 13 Mar 2025 10:52

Instrument :
MSVOA_X
ClientSampleId :

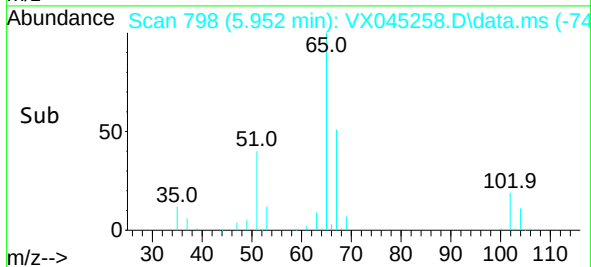
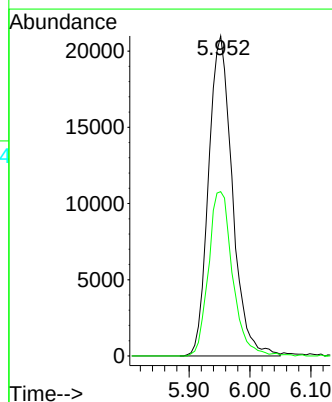
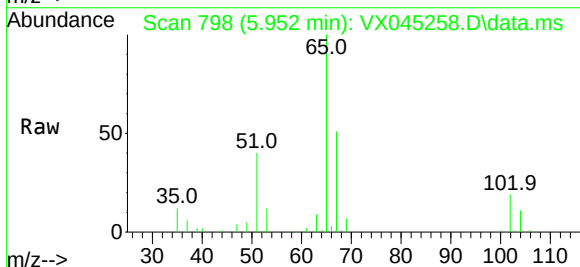


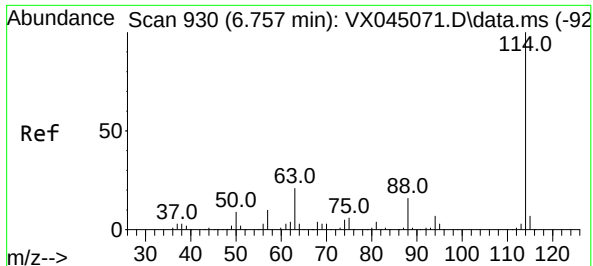
Tgt Ion: 56 Resp: 1813
Ion Ratio Lower Upper
56 100
69 133.3 23.4 35.2#
84 94.9 69.4 104.2



#33
1,2-Dichloroethane-d4
Concen: 55.224 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045258.D
Acq: 13 Mar 2025 10:52

Tgt Ion: 65 Resp: 56906
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.2

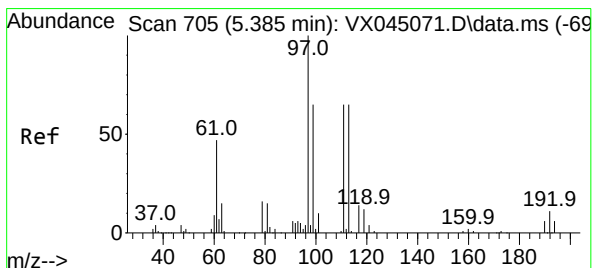
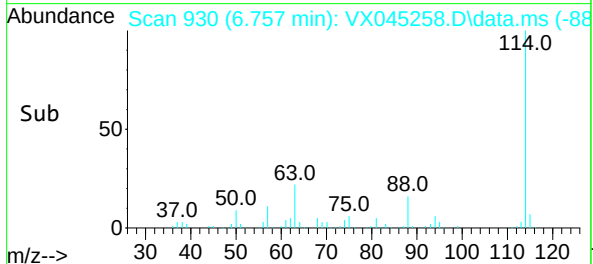
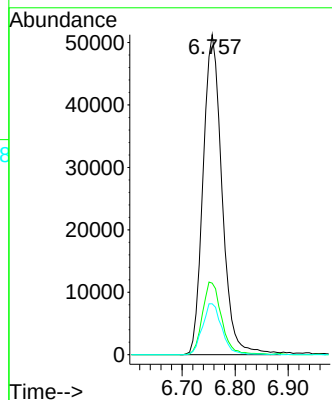
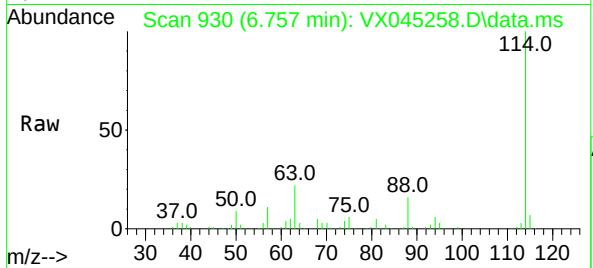




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045258.D
Acq: 13 Mar 2025 10:52

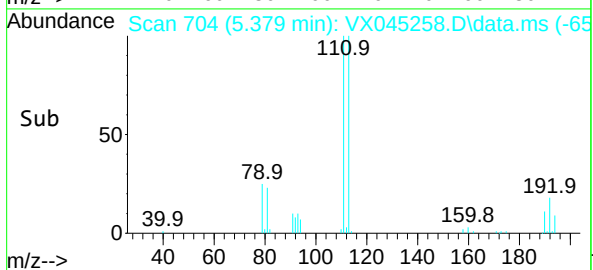
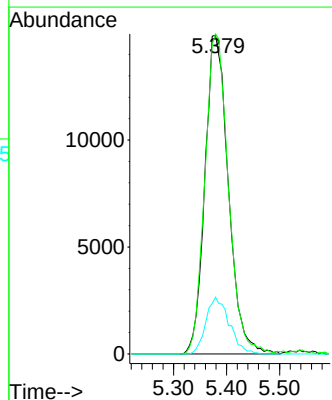
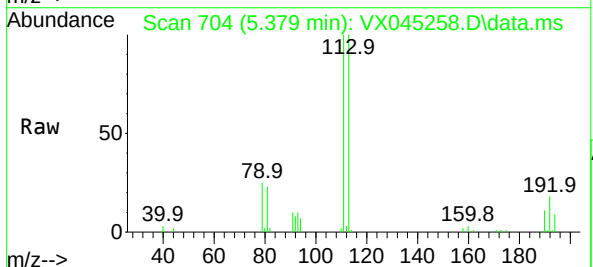
Instrument :
MSVOA_X
ClientSampleId :

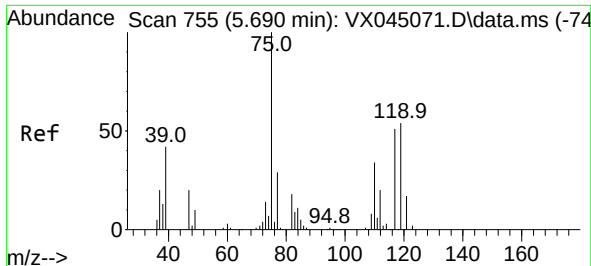
Tgt Ion:114 Resp: 127307
Ion Ratio Lower Upper
114 100
63 22.3 0.0 41.8
88 15.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 53.781 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045258.D
Acq: 13 Mar 2025 10:52

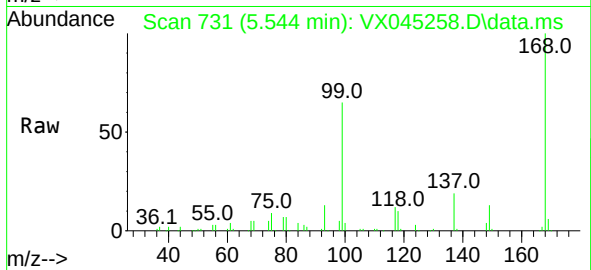
Tgt Ion:113 Resp: 45782
Ion Ratio Lower Upper
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111 100.7 81.8 122.6
192 17.7 14.3 21.5



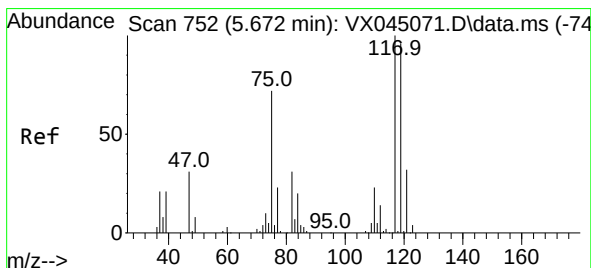
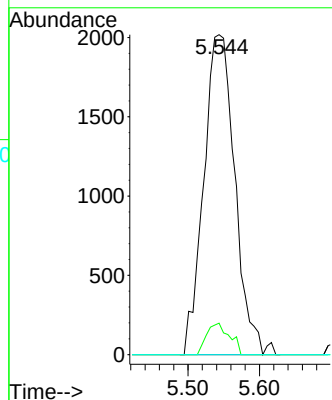
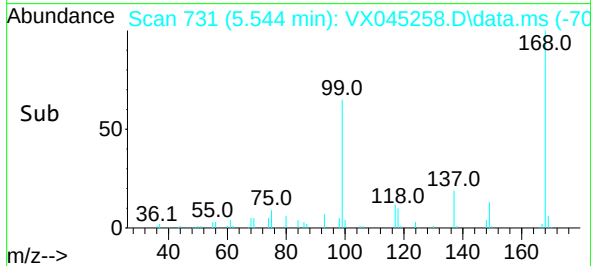


#36
1,1-Dichloropropene
Concen: 5.239 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.147 min
Lab File: VX045258.D
Acq: 13 Mar 2025 10:52

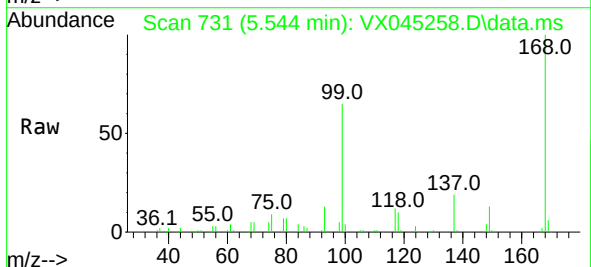
Instrument :
MSVOA_X
ClientSampleId :



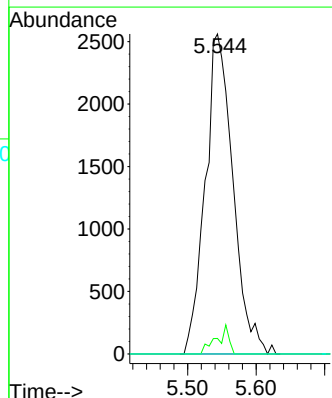
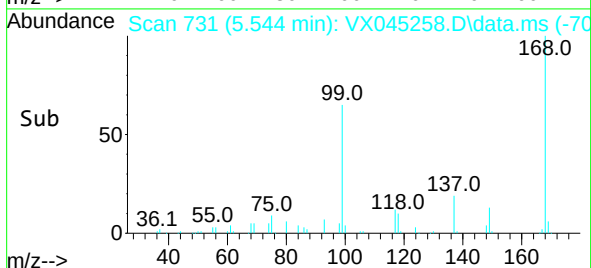
Tgt Ion: 75 Resp: 6116
Ion Ratio Lower Upper
75 100
110 7.2 16.9 50.6#
77 0.0 24.5 36.7#

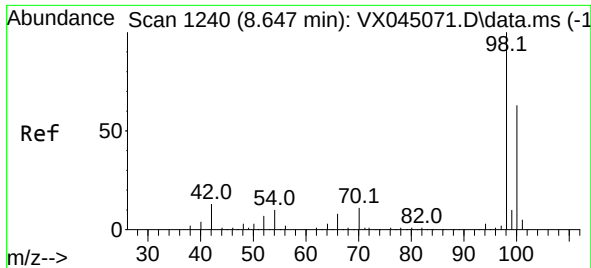


#38
Carbon Tetrachloride
Concen: 6.092 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX045258.D
Acq: 13 Mar 2025 10:52



Tgt Ion: 117 Resp: 7220
Ion Ratio Lower Upper
117 100
119 4.8 76.7 115.1#
121 0.0 25.5 38.3#

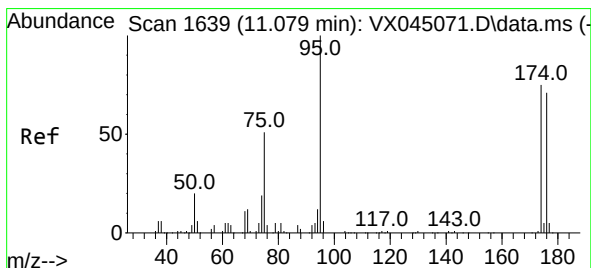
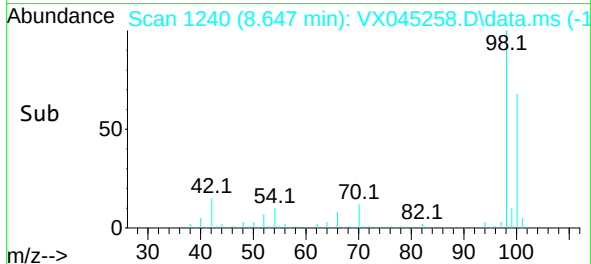
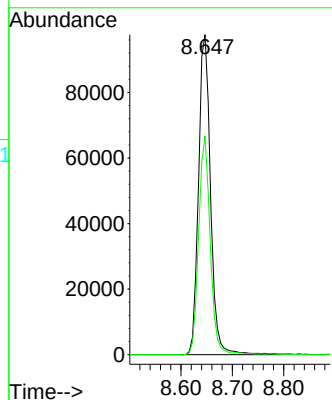
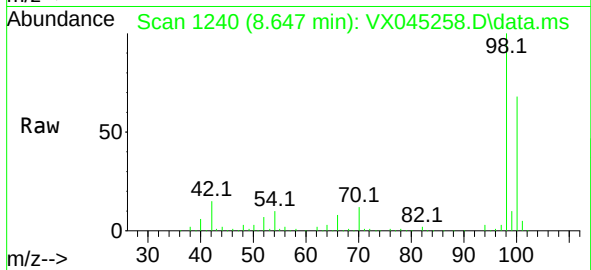




#50
Toluene-d8
Concen: 51.321 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045258.D
Acq: 13 Mar 2025 10:52

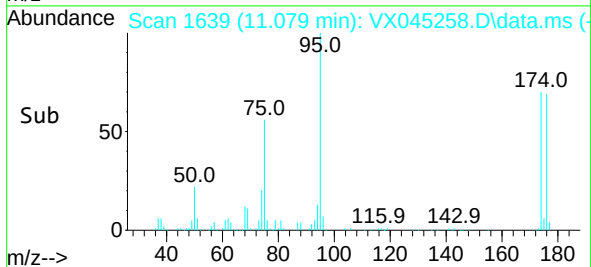
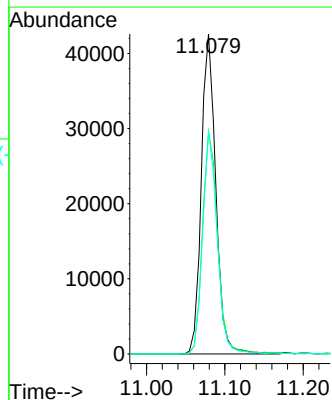
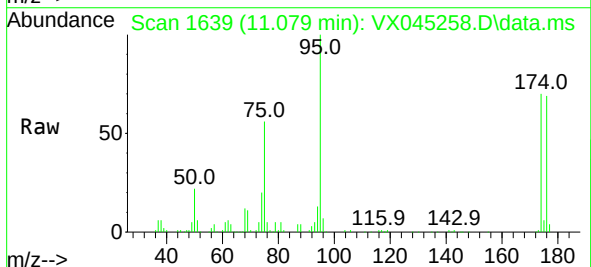
Instrument :
MSVOA_X
ClientSampleId :

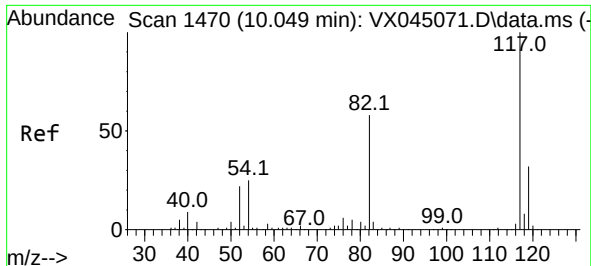
Tgt Ion: 98 Resp: 158385
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 53.604 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045258.D
Acq: 13 Mar 2025 10:52

Tgt Ion: 95 Resp: 54818
Ion Ratio Lower Upper
95 100
174 72.6 0.0 148.2
176 69.4 0.0 141.4

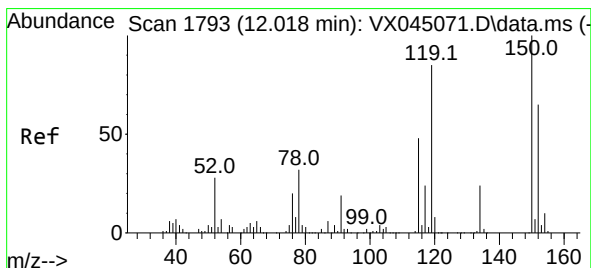
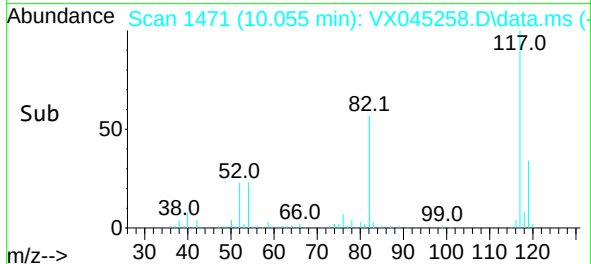
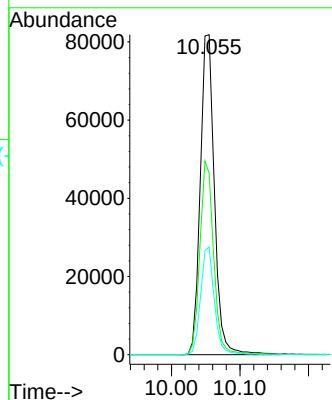
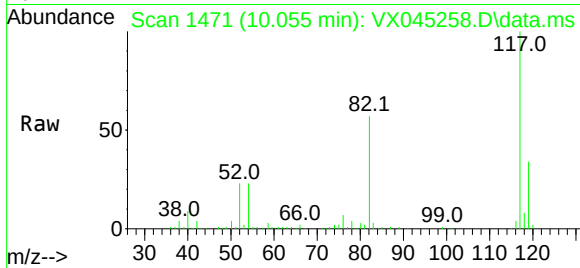




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045258.D
Acq: 13 Mar 2025 10:52

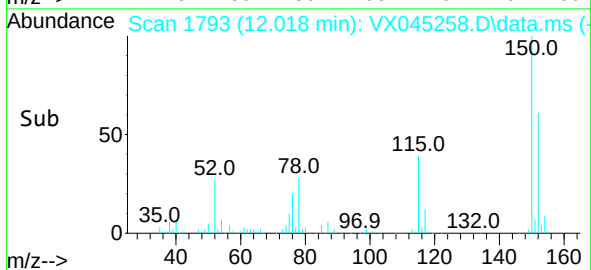
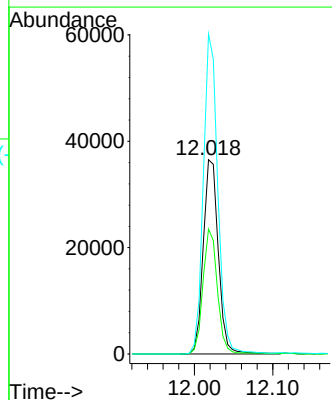
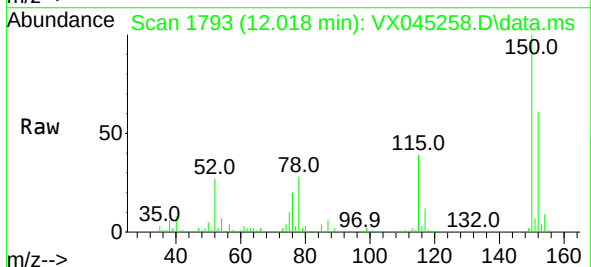
Instrument :
MSVOA_X
ClientSampleId :

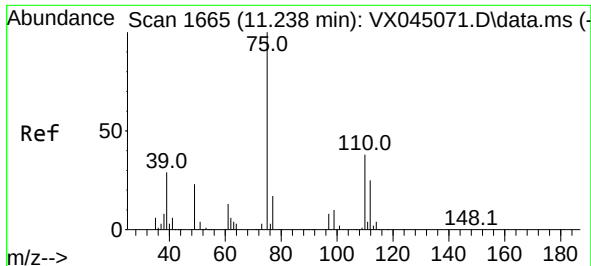
Tgt Ion:117 Resp: 117989
Ion Ratio Lower Upper
117 100
82 56.7 46.3 69.5
119 33.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045258.D
Acq: 13 Mar 2025 10:52

Tgt Ion:152 Resp: 48783
Ion Ratio Lower Upper
152 100
115 61.7 44.2 132.6
150 157.7 0.0 349.0

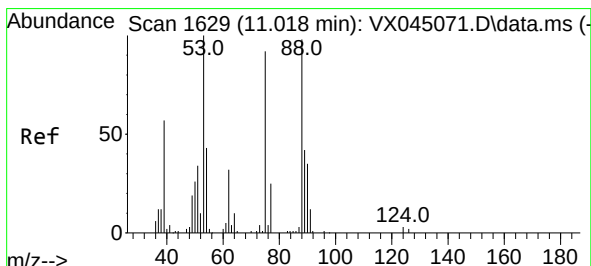
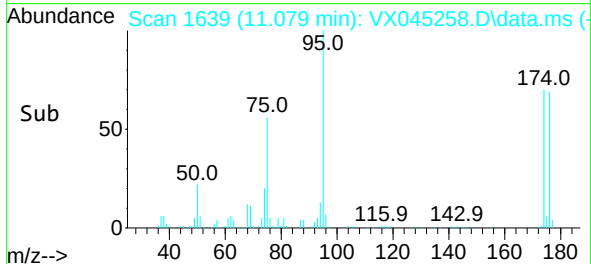
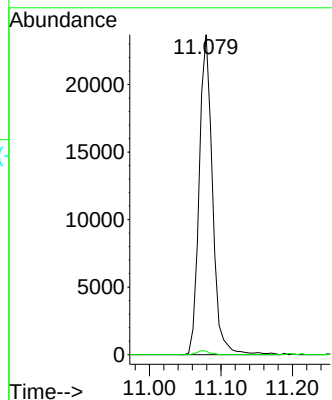
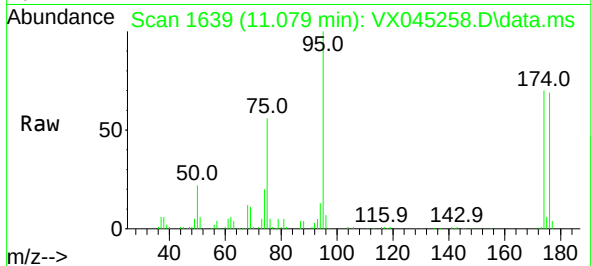




#76
1,2,3-Trichloropropane
Concen: 26.883 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045258.D
Acq: 13 Mar 2025 10:52

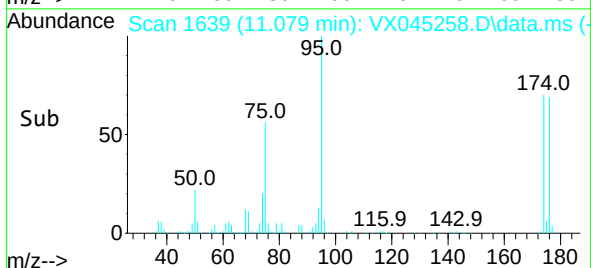
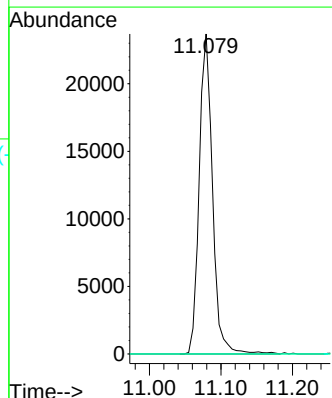
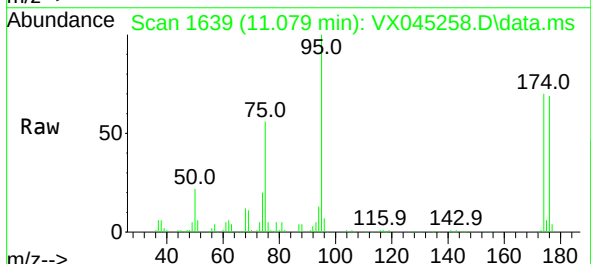
Instrument :
MSVOA_X
ClientSampleId :

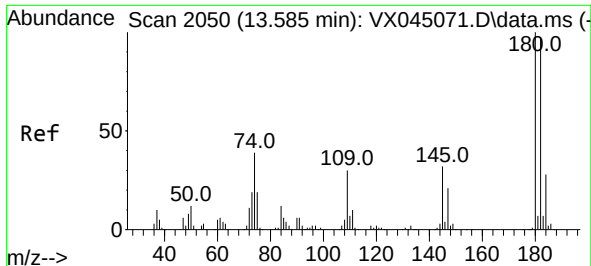
Tgt Ion: 75 Resp: 30524
Ion Ratio Lower Upper
75 100
77 1.2 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.999 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045258.D
Acq: 13 Mar 2025 10:52

Tgt Ion: 75 Resp: 30524
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#





#93

1,2,4-Trichlorobenzene

Concen: 0.277 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX045258.D

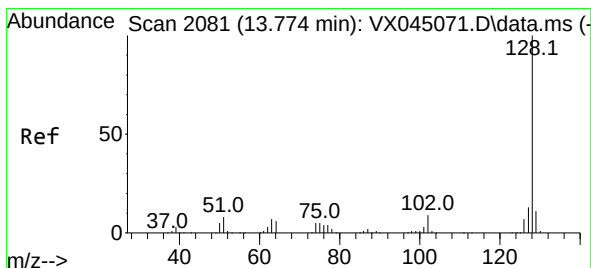
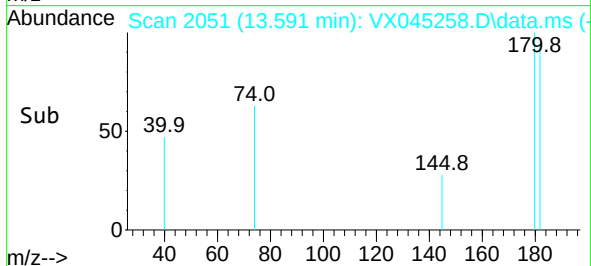
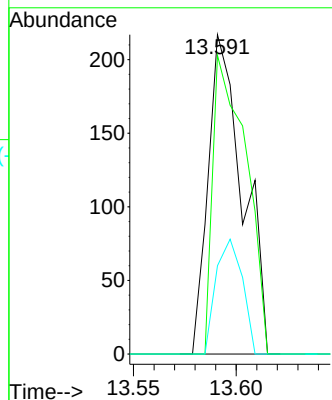
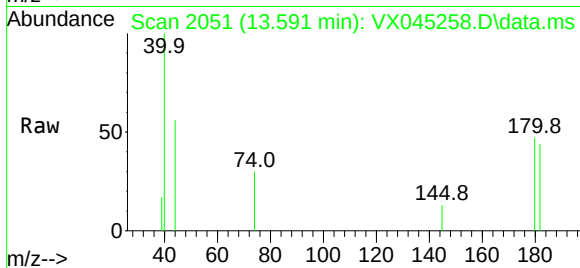
Acq: 13 Mar 2025 10:52

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180	Resp:	254
Ion	Ratio	Lower Upper
180	100	
182	89.8	47.3 141.9
145	27.6	16.3 48.9



#95

Naphthalene

Concen: 0.529 ug/l

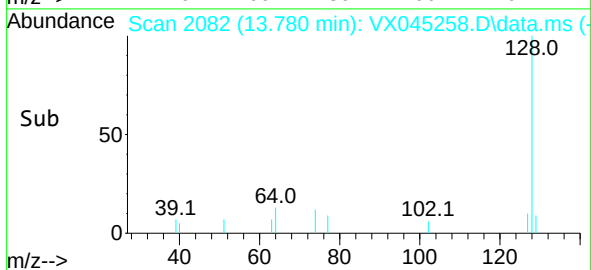
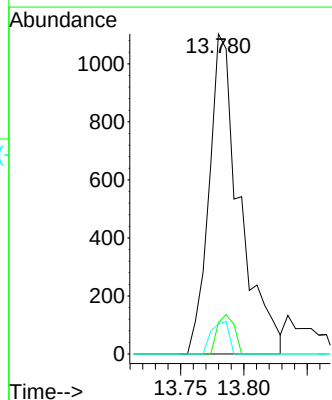
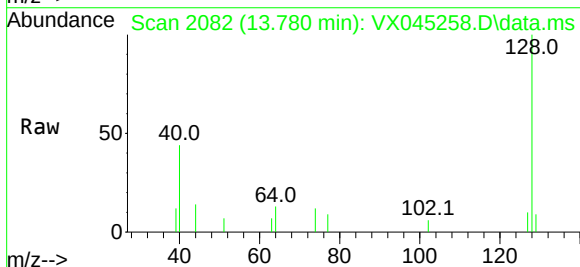
RT: 13.780 min Scan# 2082

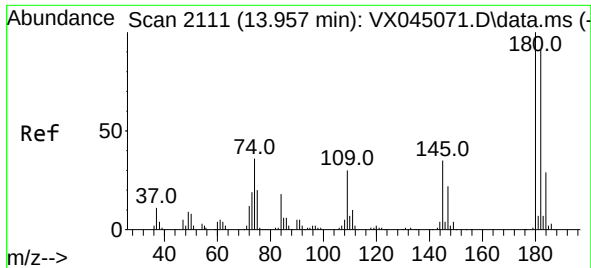
Delta R.T. 0.006 min

Lab File: VX045258.D

Acq: 13 Mar 2025 10:52

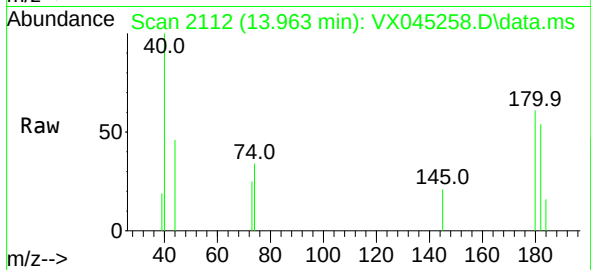
Tgt Ion:128	Resp:	1861
Ion	Ratio	Lower Upper
128	100	
127	6.8	10.3 15.5#
129	5.8	8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.439 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VX045258.D
 Acq: 13 Mar 2025 10:52

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:180 Resp: 424
 Ion Ratio Lower Upper
 180 100
 182 84.9 47.5 142.6
 145 28.3 17.0 50.9

