

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031725\
 Data File : VX045298.D
 Acq On : 17 Mar 2025 11:39
 Operator : JC/MD
 Sample : VX0317MBL01
 Misc : 5.00g/10.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317MBL01

Quant Time: Mar 18 01:22:37 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)

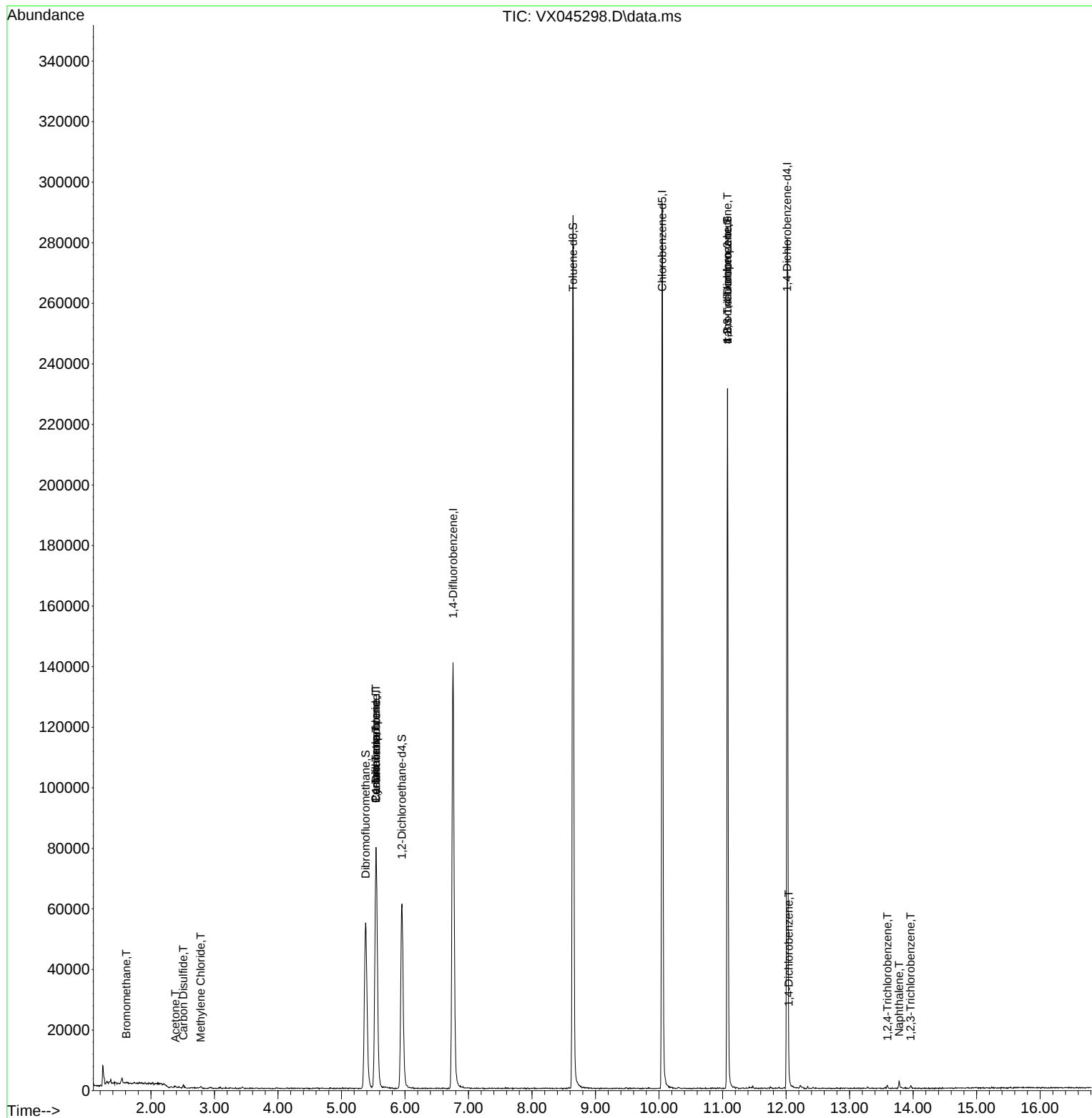
Internal Standards						
1) Pentafluorobenzene	5.544	168	71165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	137682	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	125229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59138	52.243	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.480%	
35) Dibromofluoromethane	5.379	113	48552	52.737	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.480%	
50) Toluene-d8	8.647	98	169665	50.834	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.660%	
62) 4-Bromofluorobenzene	11.079	95	60052	54.297	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 108.600%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	144	0.337	ug/l	83
16) Acetone	2.386	43	587	1.118	ug/l #	81
17) Carbon Disulfide	2.508	76	1009	0.433	ug/l #	77
20) Methylene Chloride	2.782	84	304	0.292	ug/l #	91
31) Cyclohexane	5.544	56	1993	1.294	ug/l #	34
36) 1,1-Dichloropropene	5.544	75	6488	5.139	ug/l #	51
38) Carbon Tetrachloride	5.544	117	8062	6.290	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	32075	25.834	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	32075	88.410	ug/l #	6
88) 1,4-Dichlorobenzene	12.042	146	372	0.210	ug/l #	49
93) 1,2,4-Trichlorobenzene	13.597	180	352	0.352	ug/l	94
95) Naphthalene	13.780	128	2149	0.559	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.963	180	352	0.333	ug/l #	90

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

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0317MBL01

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
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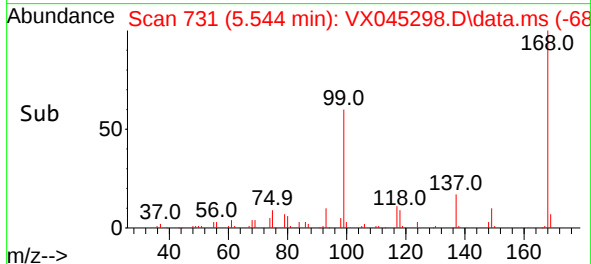
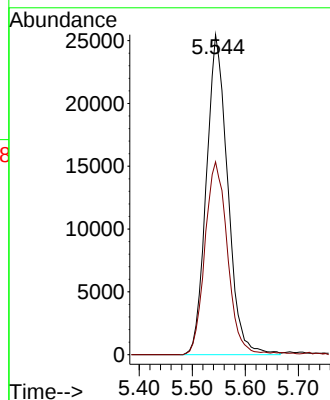
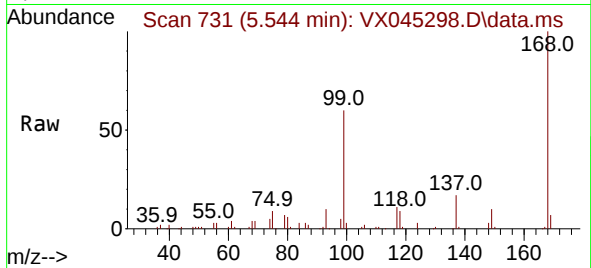




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045298.D
Acq: 17 Mar 2025 11:39

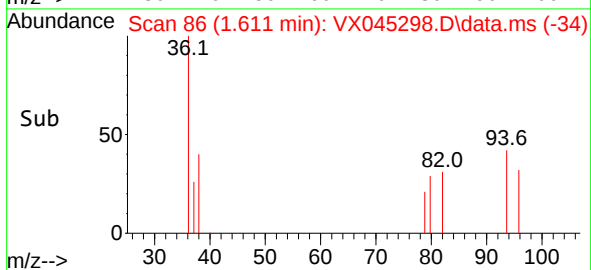
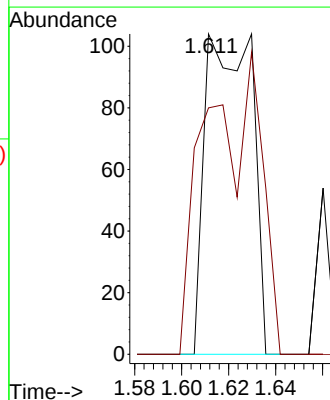
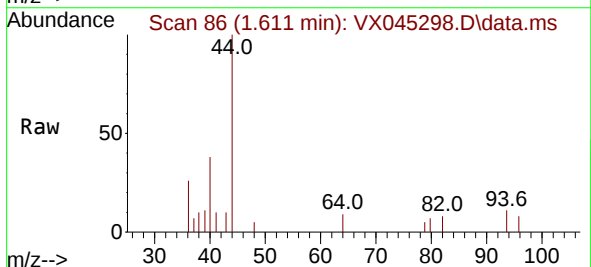
Instrument :
MSVOA_X
ClientSampleId :
VX0317MBL01

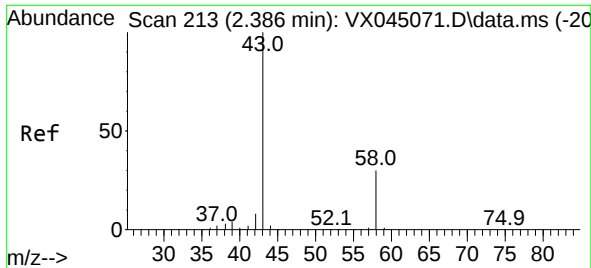
Tgt Ion:168 Resp: 71165
Ion Ratio Lower Upper
168 100
99 60.2 48.2 72.4



#5
Bromomethane
Concen: 0.337 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.018 min
Lab File: VX045298.D
Acq: 17 Mar 2025 11:39

Tgt Ion: 94 Resp: 144
Ion Ratio Lower Upper
94 100
96 76.9 75.0 112.4

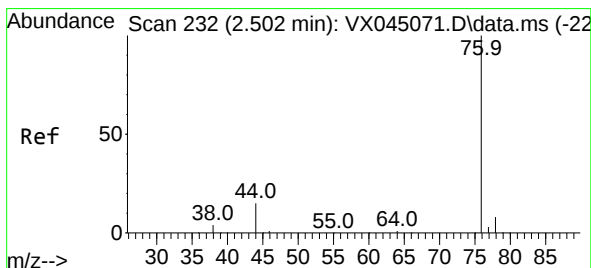
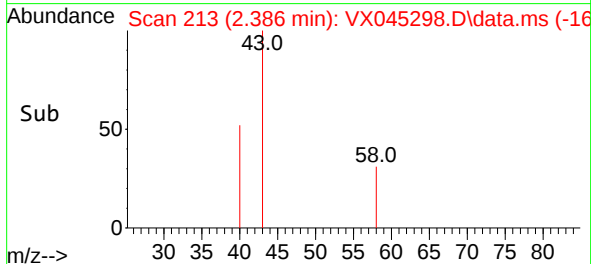
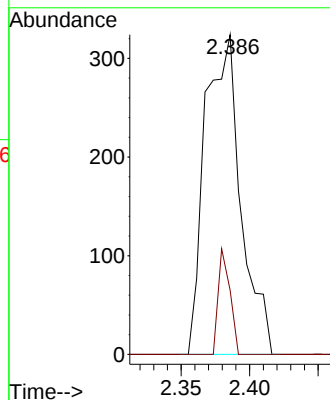
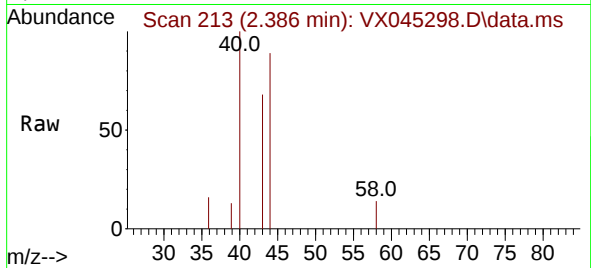




#16
Acetone
Concen: 1.118 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045298.D
Acq: 17 Mar 2025 11:39

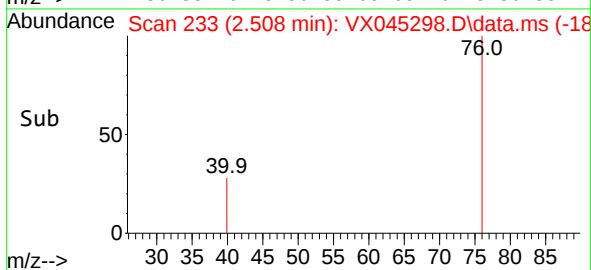
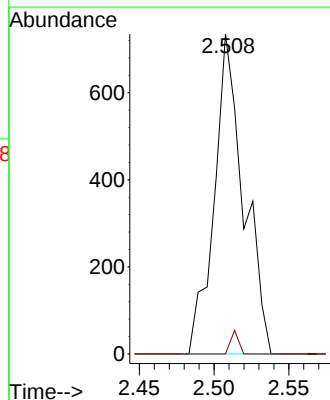
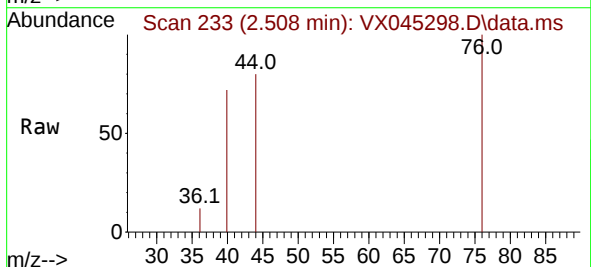
Instrument :
MSVOA_X
ClientSampleId :
VX0317MBL01

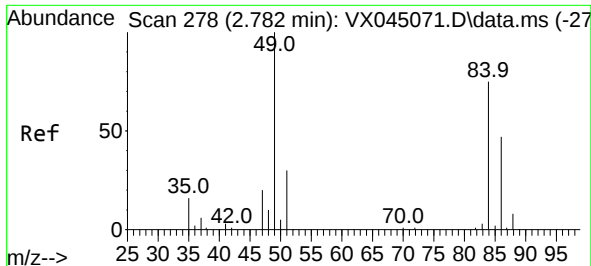
Tgt Ion: 43 Resp: 587
Ion Ratio Lower Upper
43 100
58 20.1 24.2 36.4#



#17
Carbon Disulfide
Concen: 0.433 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX045298.D
Acq: 17 Mar 2025 11:39

Tgt Ion: 76 Resp: 1009
Ion Ratio Lower Upper
76 100
78 0.0 6.6 9.8#

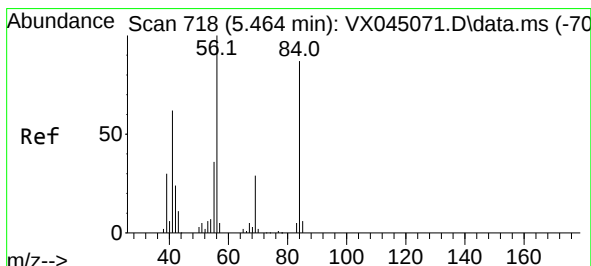
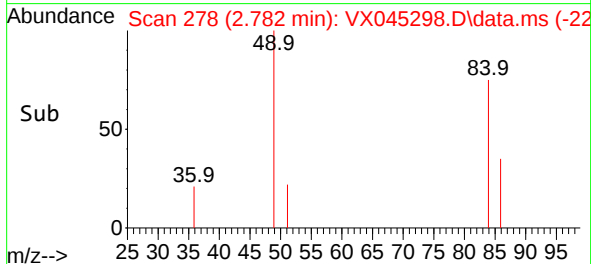
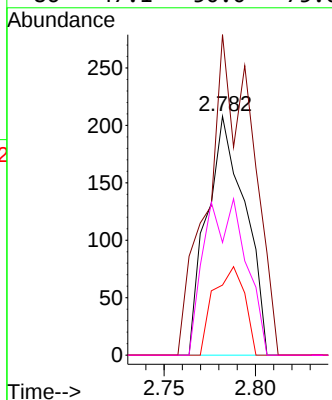
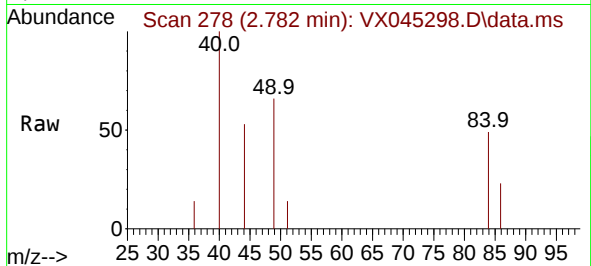




#20
Methylene Chloride
Concen: 0.292 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045298.D
Acq: 17 Mar 2025 11:39

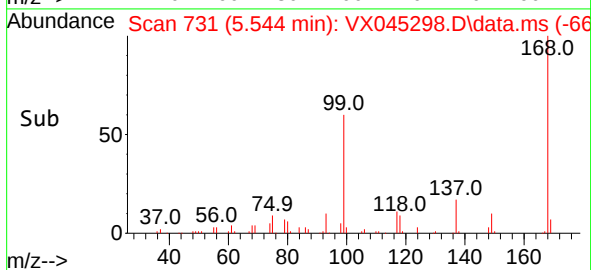
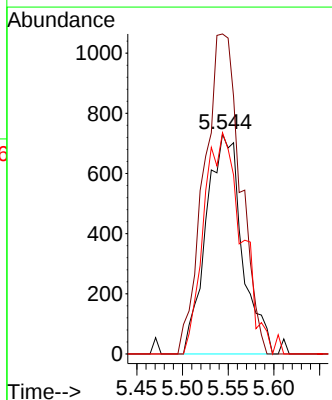
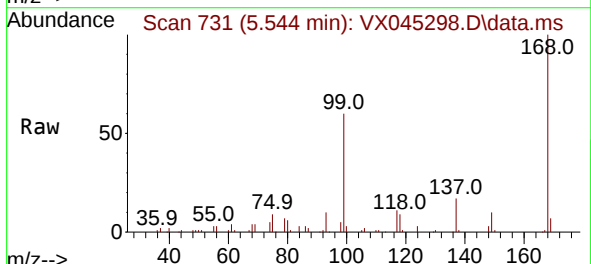
Instrument :
MSVOA_X
ClientSampleId :
VX0317MBL01

Tgt Ion:	84	Resp:	304
Ion	Ratio	Lower	Upper
84	100		
49	134.1	106.5	159.7
51	29.3	32.1	48.1#
86	47.1	50.0	75.0#



#31
Cyclohexane
Concen: 1.294 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX045298.D
Acq: 17 Mar 2025 11:39

Tgt Ion:	56	Resp:	1993
Ion	Ratio	Lower	Upper
56	100		
69	145.6	23.4	35.2#
84	100.7	69.4	104.2





#33

1,2-Dichloroethane-d4

Concen: 52.243 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045298.D

Acq: 17 Mar 2025 11:39

Instrument :

MSVOA_X

ClientSampleId :

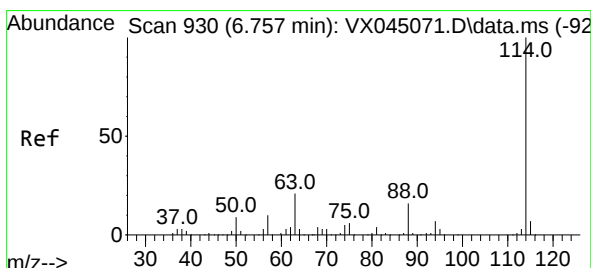
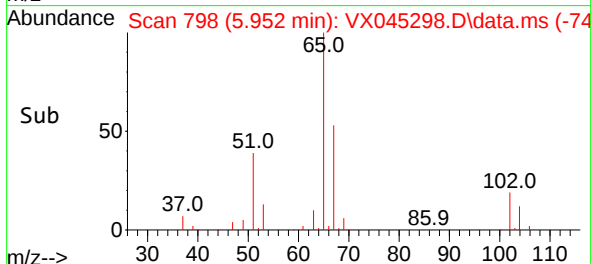
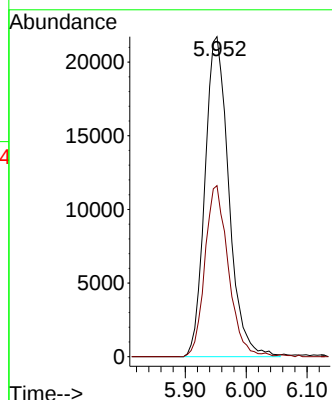
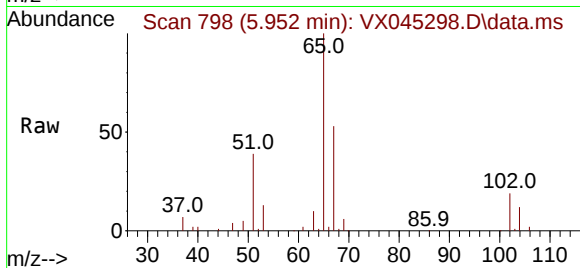
VX0317MBL01

Tgt Ion: 65 Resp: 59138

Ion Ratio Lower Upper

65 100

67 52.6 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045298.D

Acq: 17 Mar 2025 11:39

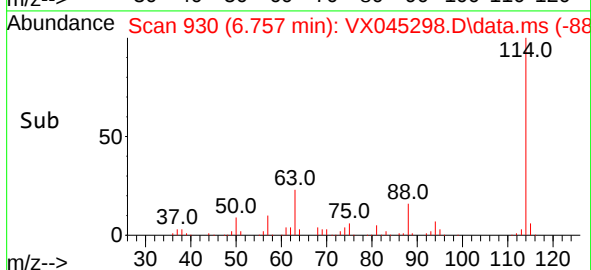
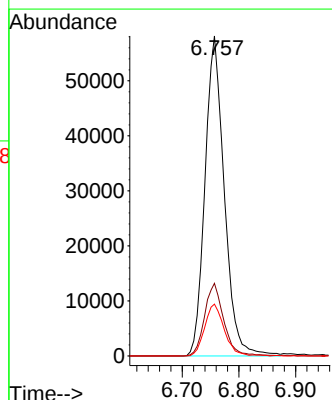
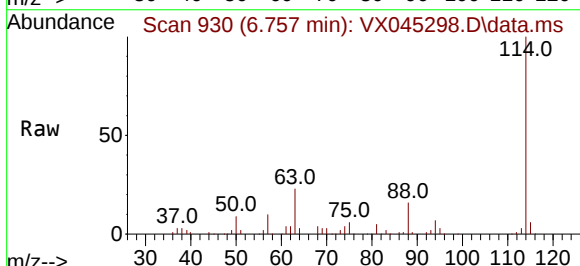
Tgt Ion: 114 Resp: 137682

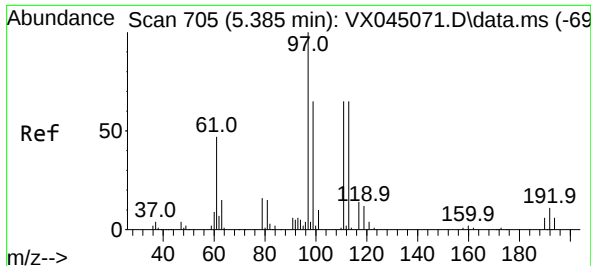
Ion Ratio Lower Upper

114 100

63 22.7 0.0 41.8

88 16.2 0.0 32.8

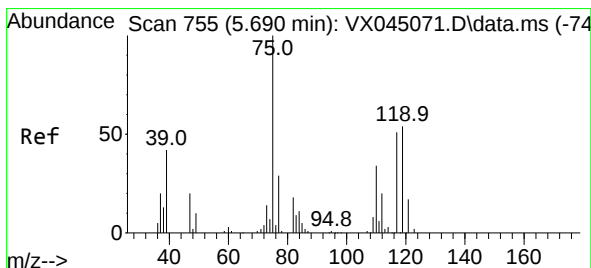
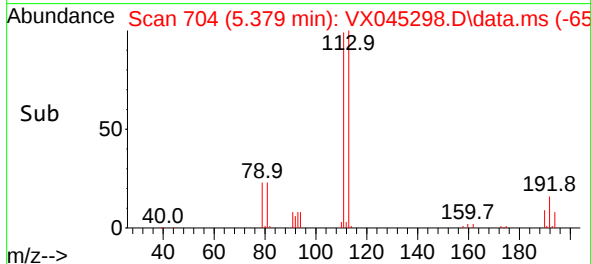
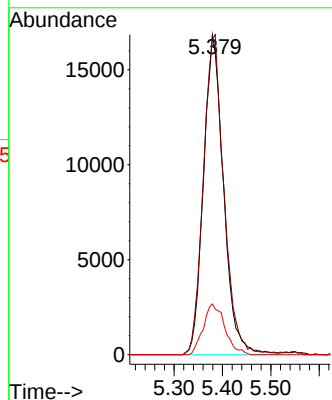
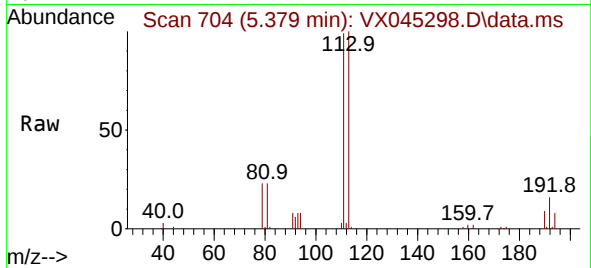




#35
Dibromofluoromethane
Concen: 52.737 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045298.D
Acq: 17 Mar 2025 11:39

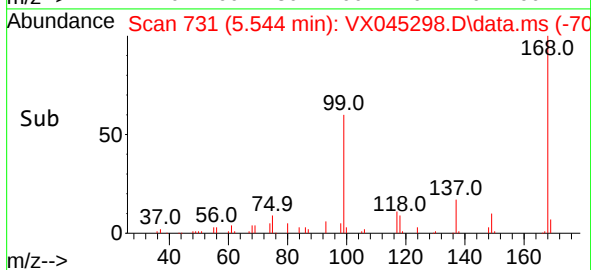
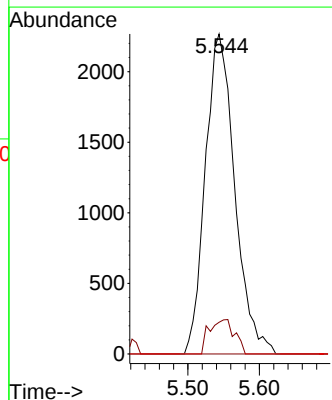
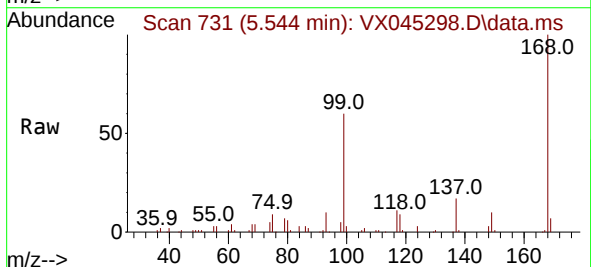
Instrument :
MSVOA_X
ClientSampleId :
VX0317MBL01

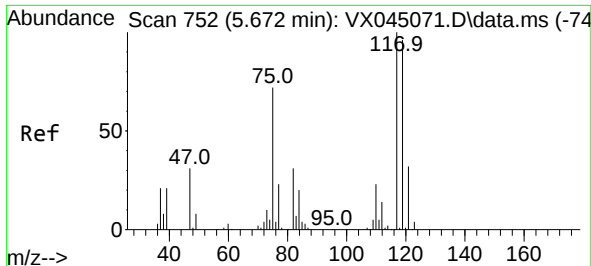
Tgt Ion:113 Resp: 48552
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.6
192 17.0 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.139 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX045298.D
Acq: 17 Mar 2025 11:39

Tgt Ion: 75 Resp: 6488
Ion Ratio Lower Upper
75 100
110 9.2 16.9 50.6#
77 0.0 24.5 36.7#

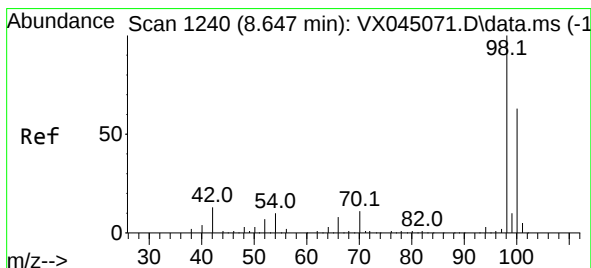
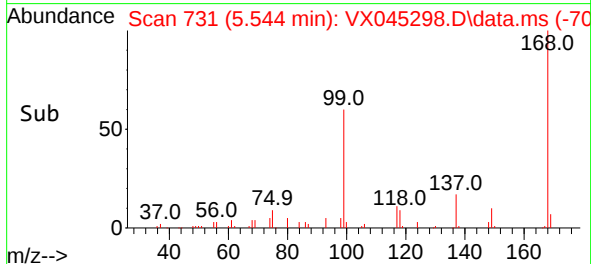
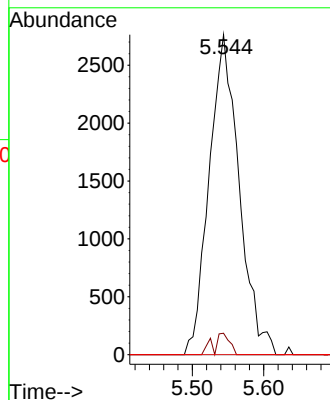
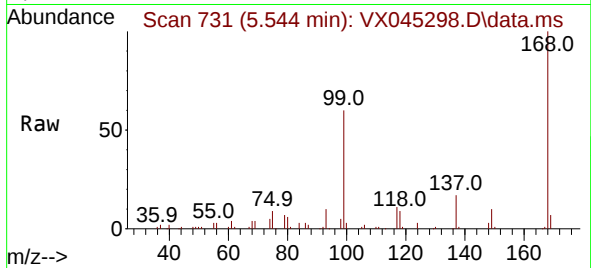




#38
Carbon Tetrachloride
Concen: 6.290 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045298.D
Acq: 17 Mar 2025 11:39

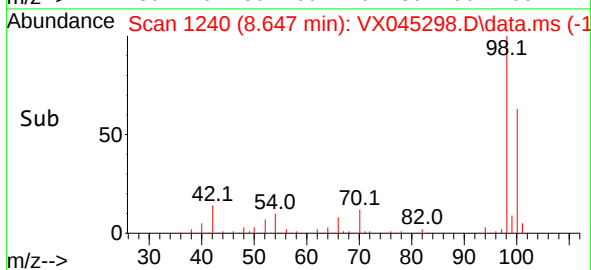
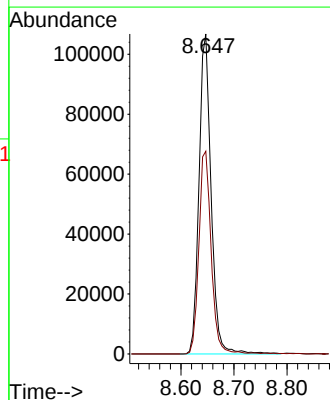
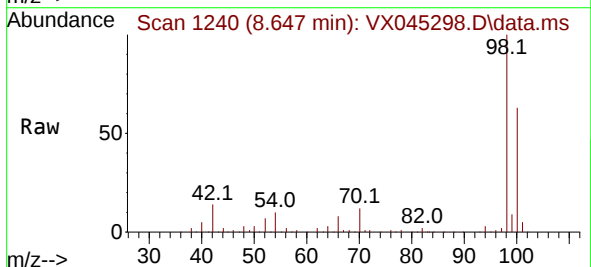
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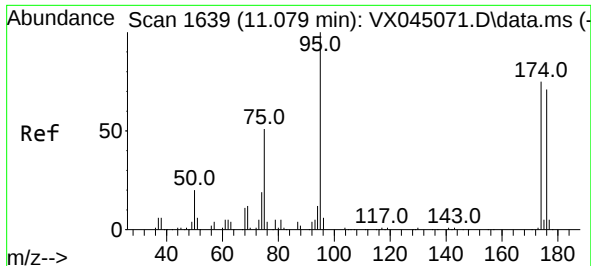
Tgt Ion:117 Resp: 8062
Ion Ratio Lower Upper
117 100
119 6.7 76.7 115.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 50.834 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045298.D
Acq: 17 Mar 2025 11:39

Tgt Ion: 98 Resp: 169665
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0

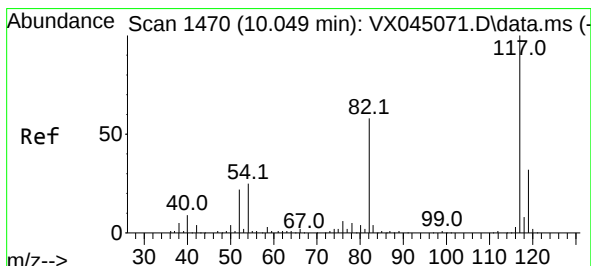
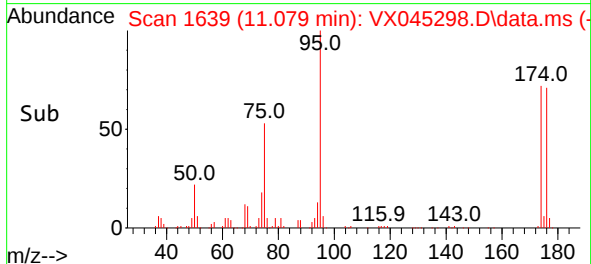
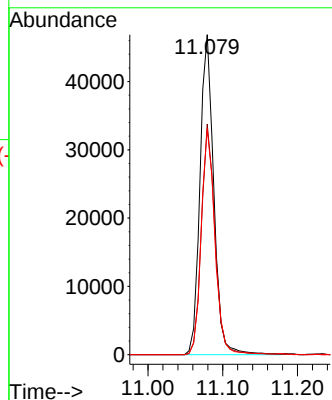
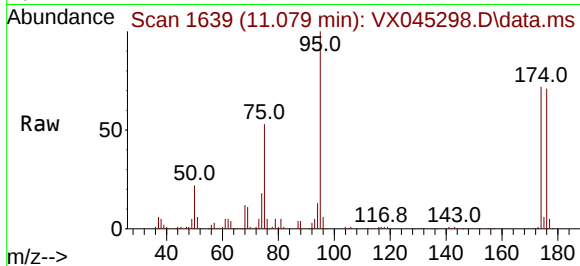




#62
4-Bromofluorobenzene
Concen: 54.297 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045298.D
Acq: 17 Mar 2025 11:39

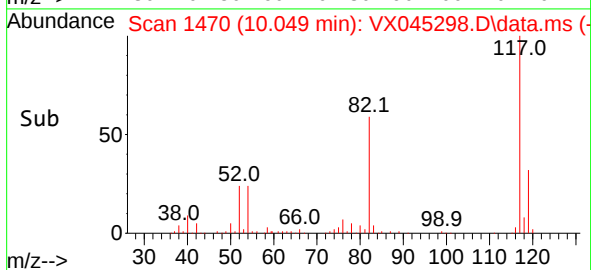
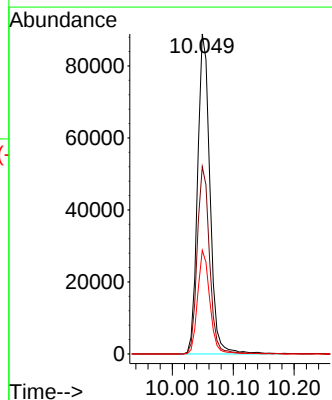
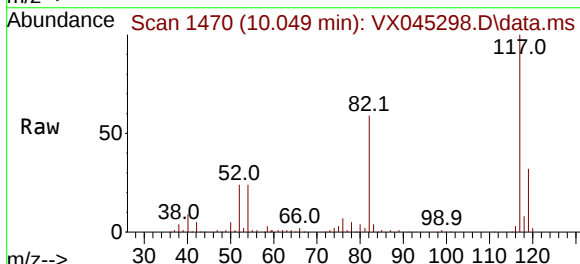
Instrument :
MSVOA_X
ClientSampleId :
VX0317MBL01

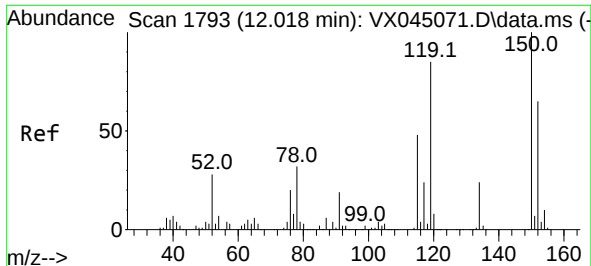
Tgt Ion: 95 Resp: 60052
Ion Ratio Lower Upper
95 100
174 71.3 0.0 148.2
176 70.0 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045298.D
Acq: 17 Mar 2025 11:39

Tgt Ion: 117 Resp: 125229
Ion Ratio Lower Upper
117 100
82 58.6 46.3 69.5
119 32.4 25.7 38.5

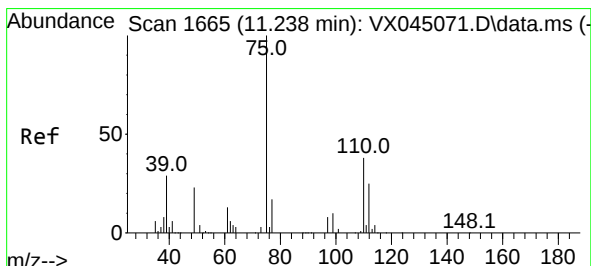
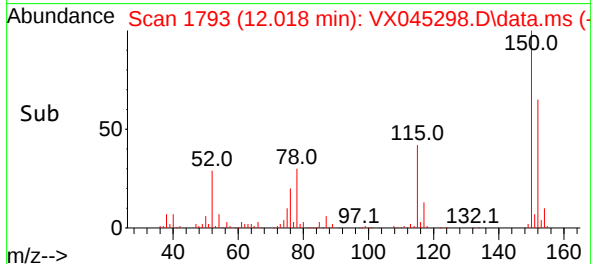
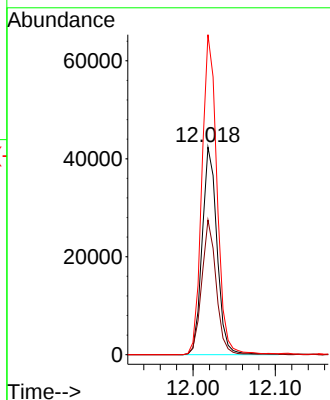
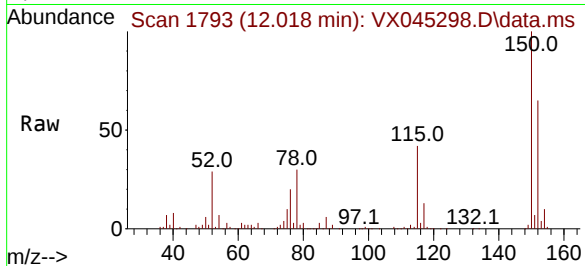




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX045298.D
 Acq: 17 Mar 2025 11:39

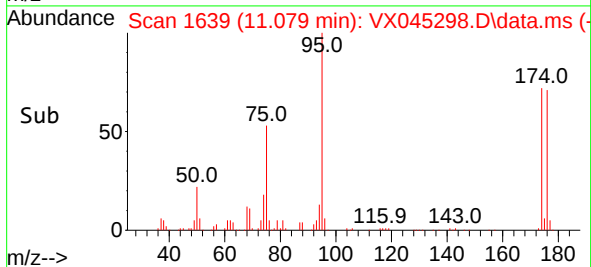
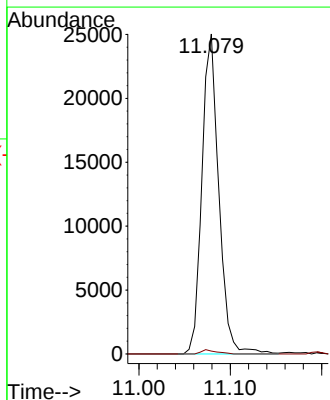
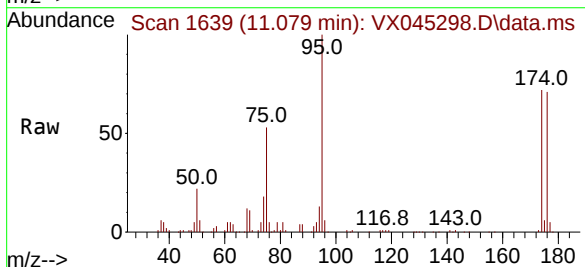
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317MBL01

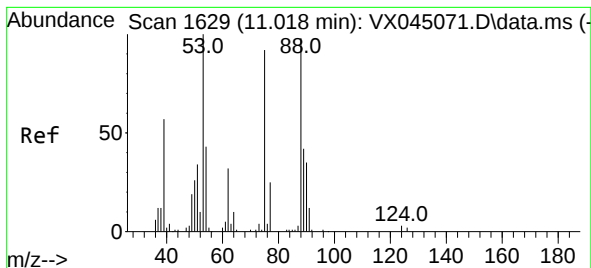
Tgt Ion:152 Resp: 53343
 Ion Ratio Lower Upper
 152 100
 115 62.8 44.2 132.6
 150 156.4 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.834 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX045298.D
 Acq: 17 Mar 2025 11:39

Tgt Ion: 75 Resp: 32075
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.7 62.1#

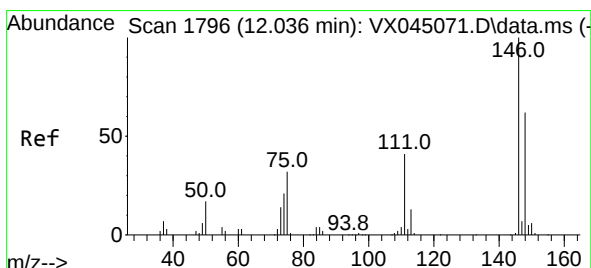
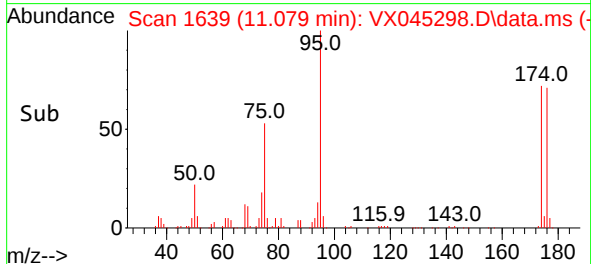
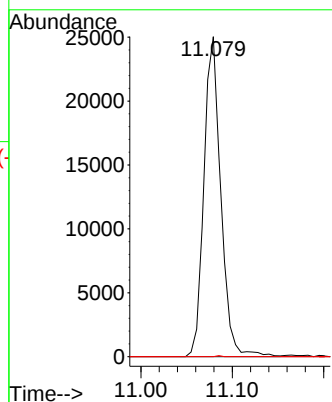
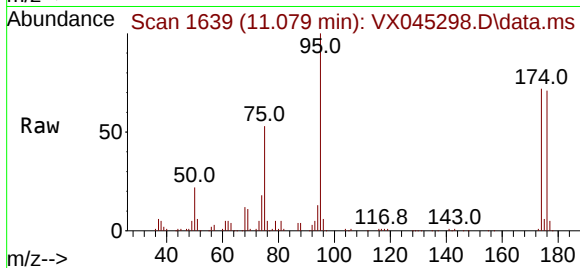




#81
trans-1,4-Dichloro-2-butene
Concen: 88.410 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045298.D
Acq: 17 Mar 2025 11:39

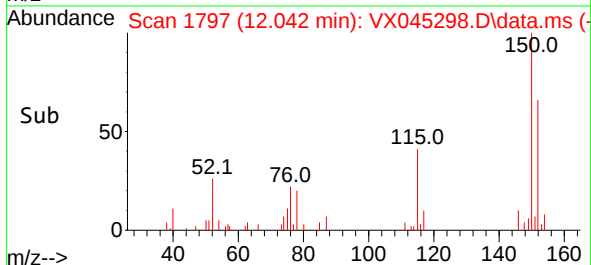
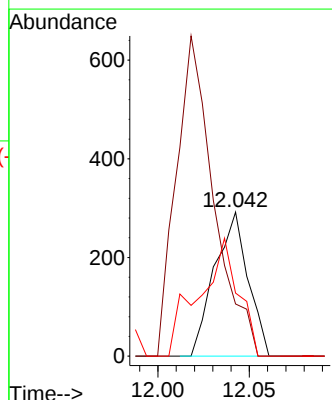
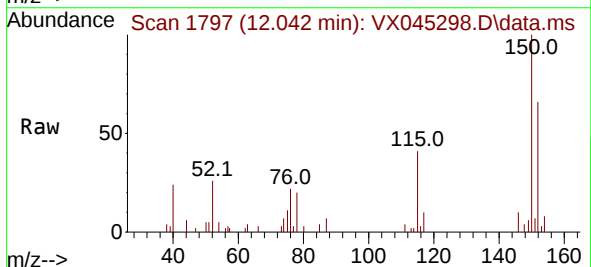
Instrument :
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ClientSampleId :
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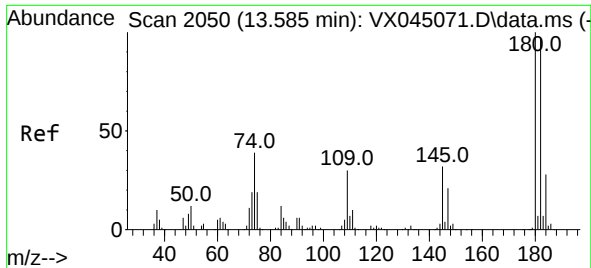
Tgt Ion: 75 Resp: 32075
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.1 36.2 54.4#



#88
1,4-Dichlorobenzene
Concen: 0.210 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX045298.D
Acq: 17 Mar 2025 11:39

Tgt Ion:146 Resp: 372
Ion Ratio Lower Upper
146 100
111 0.0 20.2 60.5#
148 96.5 31.9 95.9#

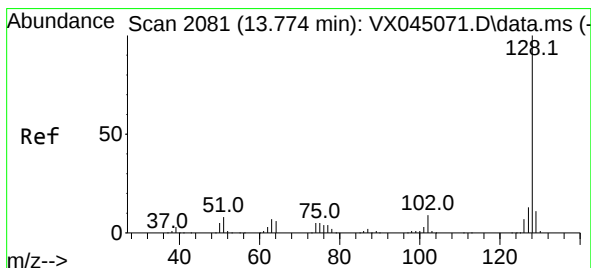
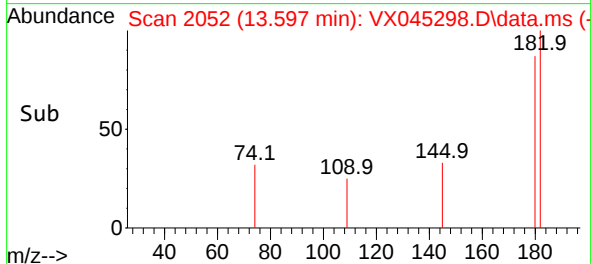
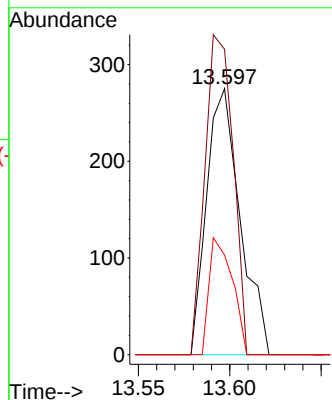
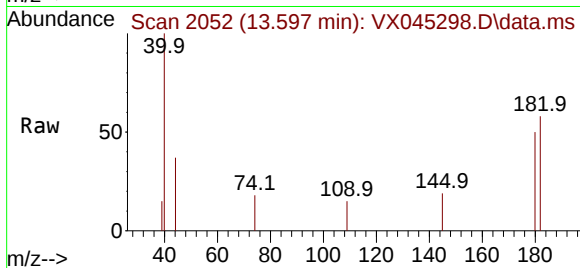




#93
1,2,4-Trichlorobenzene
Concen: 0.352 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX045298.D
Acq: 17 Mar 2025 11:39

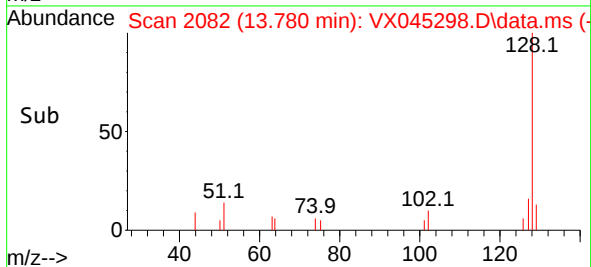
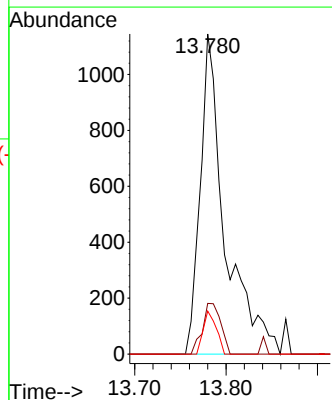
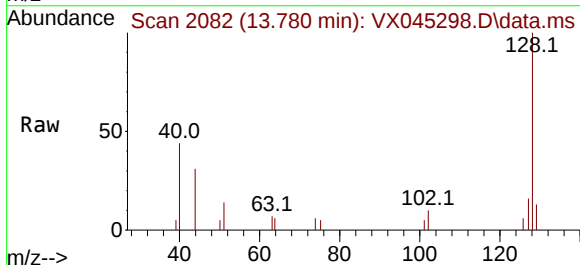
Instrument :
MSVOA_X
ClientSampleId :
VX0317MBL01

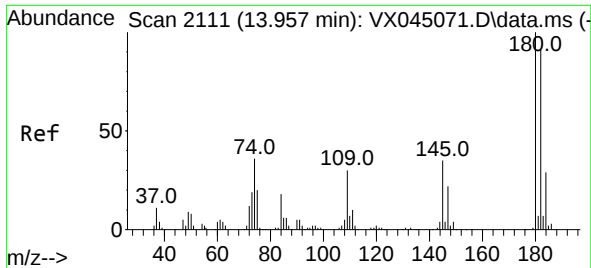
Tgt Ion:180 Resp: 352
Ion Ratio Lower Upper
180 100
182 101.4 47.3 141.9
145 30.4 16.3 48.9



#95
Naphthalene
Concen: 0.559 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX045298.D
Acq: 17 Mar 2025 11:39

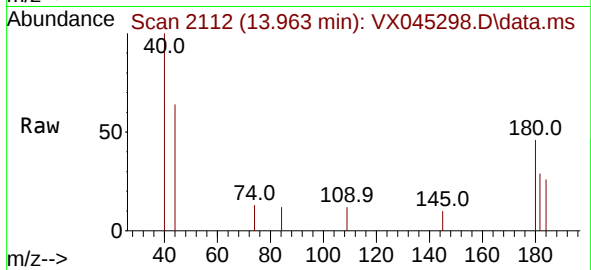
Tgt Ion:128 Resp: 2149
Ion Ratio Lower Upper
128 100
127 11.7 10.3 15.5
129 7.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.333 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VX045298.D
 Acq: 17 Mar 2025 11:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317MBL01



Tgt Ion:180 Resp: 352
 Ion Ratio Lower Upper
 180 100
 182 93.5 47.5 142.6
 145 15.9 17.0 50.9#

