

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052225\
 Data File : VX046312.D
 Acq On : 22 May 2025 08:27
 Operator : JC/MD
 Sample : VX0522MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522MBL01

Quant Time: May 23 01:39:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

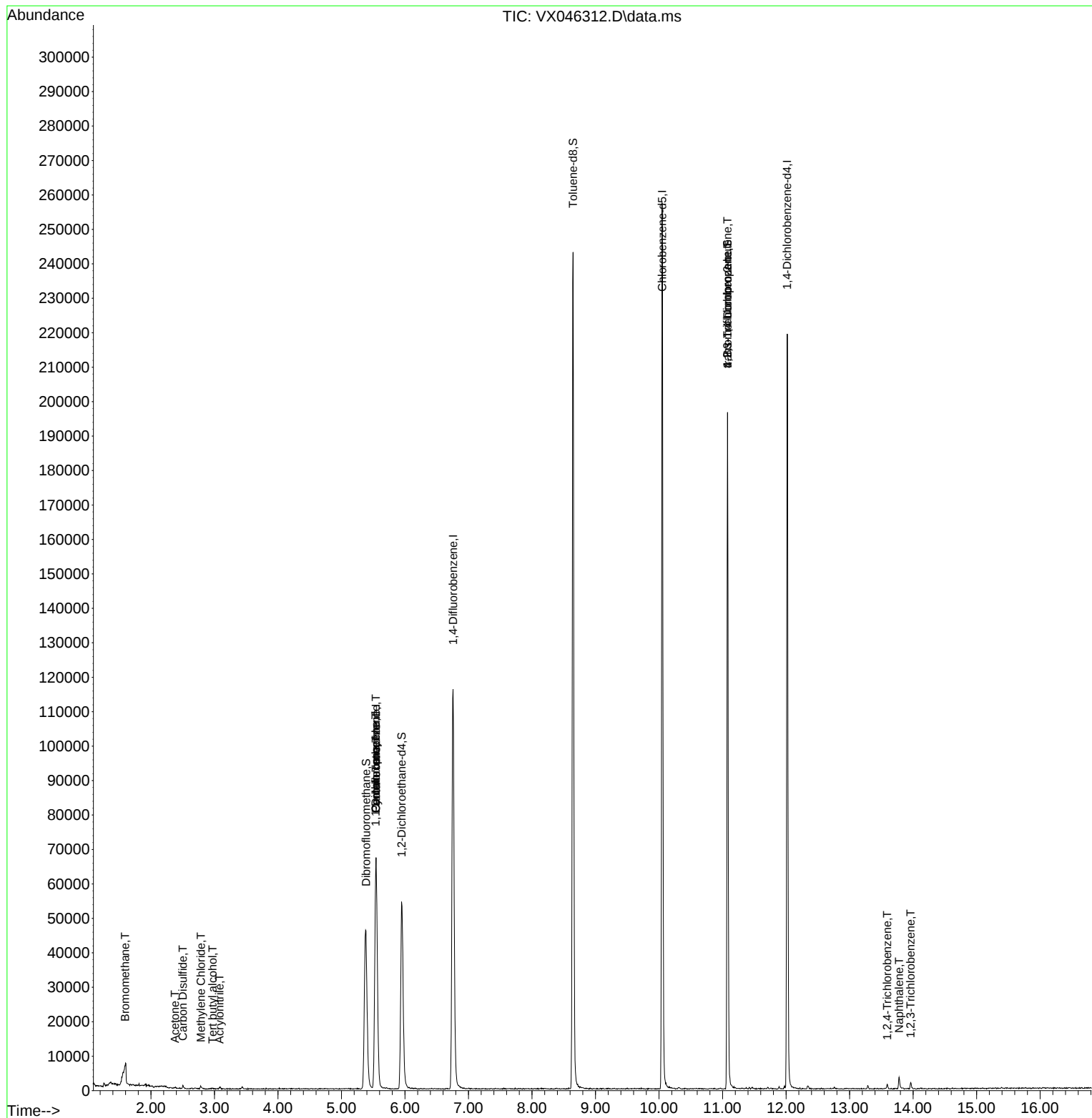
Internal Standards						
1) Pentafluorobenzene	5.543	168	55327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	110076	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	103852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	41715	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	55909	54.203	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.400%			
35) Dibromofluoromethane	5.385	113	41313	52.119	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.240%			
50) Toluene-d8	8.647	98	140791	51.318	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.640%			
62) 4-Bromofluorobenzene	11.079	95	50594	48.076	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.160%			
Target Compounds						Qvalue
5) Bromomethane	1.593	94	190	0.536	ug/l #	44
11) Tert butyl alcohol	2.971	59	55	0.380	ug/l #	72
15) Acrylonitrile	3.081	53	243	0.587	ug/l #	68
16) Acetone	2.379	43	403	0.974	ug/l #	48
17) Carbon Disulfide	2.501	76	779	0.501	ug/l #	76
20) Methylene Chloride	2.788	84	369	0.466	ug/l	91
31) Cyclohexane	5.543	56	1874	1.525	ug/l #	41
36) 1,1-Dichloropropene	5.537	75	5682	5.335	ug/l #	47
38) Carbon Tetrachloride	5.543	117	6903	5.769	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	29932	29.810	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	29932	97.051	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.591	180	479	0.604	ug/l #	82
95) Naphthalene	13.780	128	2951	1.014	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	598	0.731	ug/l	94

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052225\
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Sample : VX0522MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0522MBL01

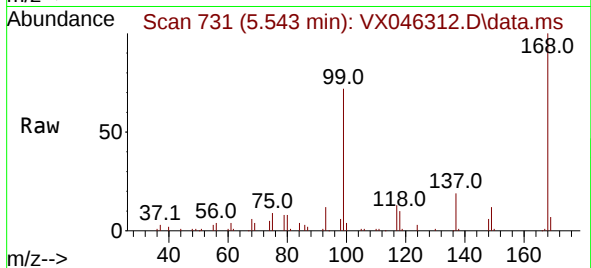
Quant Time: May 23 01:39:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



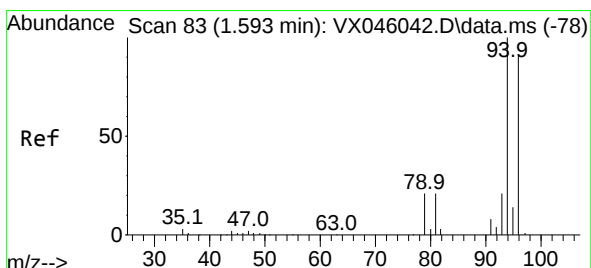
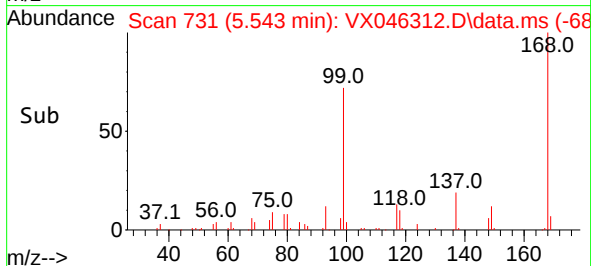
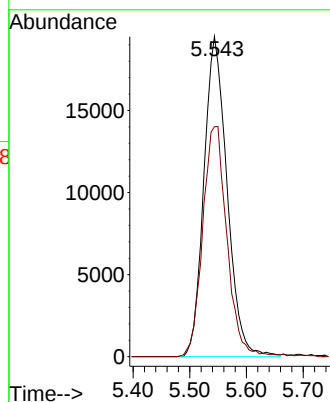


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046312.D
Acq: 22 May 2025 08:27

Instrument :
MSVOA_X
ClientSampleId :
VX0522MBL01

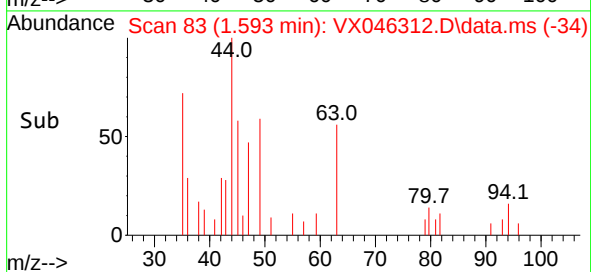
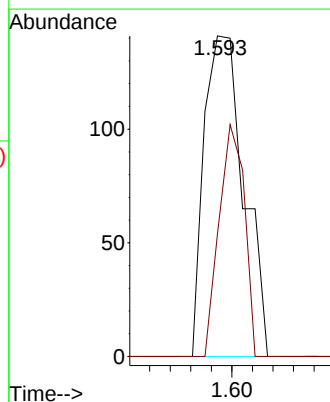
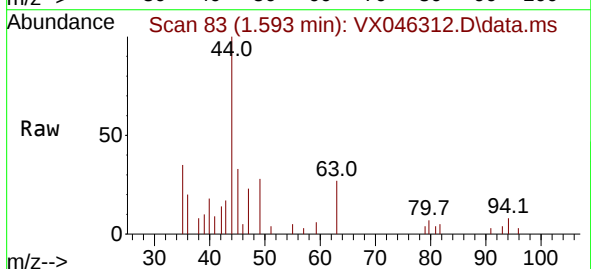


Tgt Ion:168 Resp: 55327
Ion Ratio Lower Upper
168 100
99 71.6 54.9 82.3



#5
Bromomethane
Concen: 0.536 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX046312.D
Acq: 22 May 2025 08:27

Tgt Ion: 94 Resp: 190
Ion Ratio Lower Upper
94 100
96 38.3 72.8 109.2#

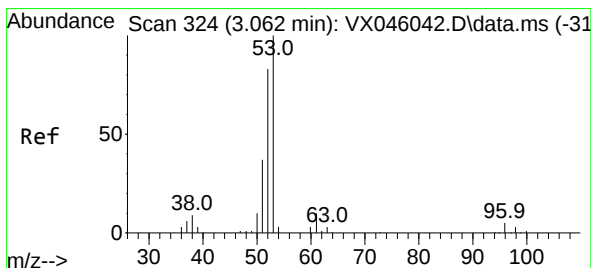
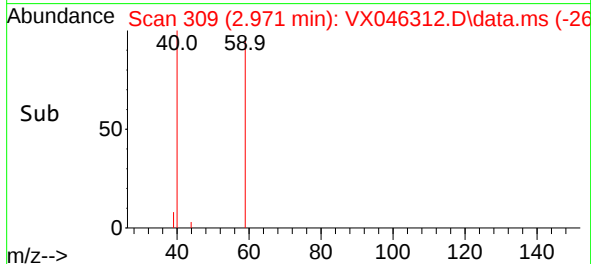
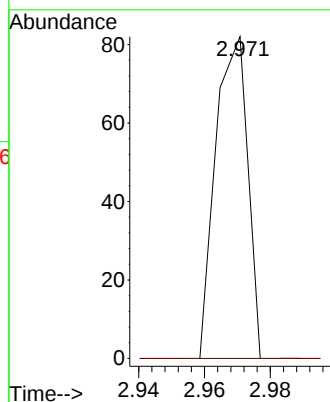
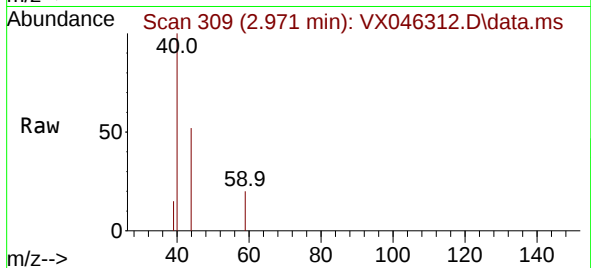




#11
Tert butyl alcohol
Concen: 0.380 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX046312.D
Acq: 22 May 2025 08:27

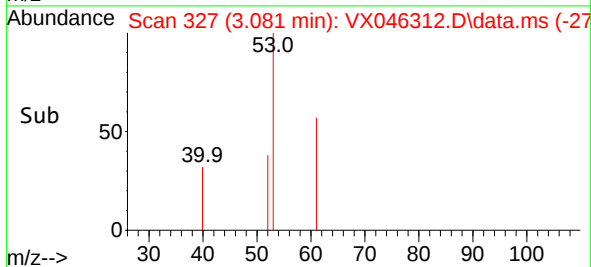
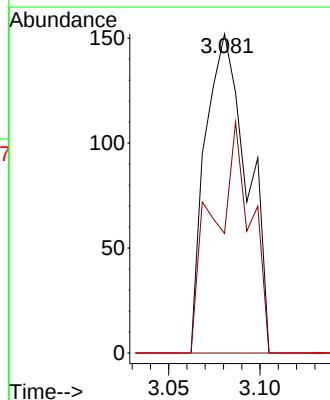
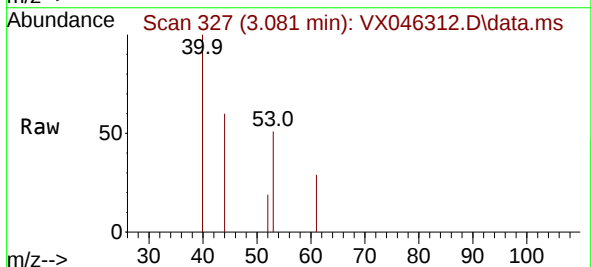
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBL01

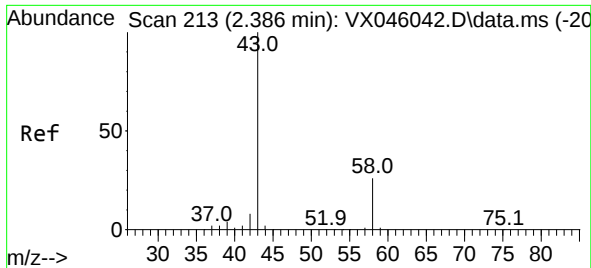
Tgt Ion: 59 Resp: 55
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#15
Acrylonitrile
Concen: 0.587 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.018 min
Lab File: VX046312.D
Acq: 22 May 2025 08:27

Tgt Ion: 53 Resp: 243
Ion Ratio Lower Upper
53 100
52 65.0 65.3 97.9#
51 0.0 29.8 44.8#

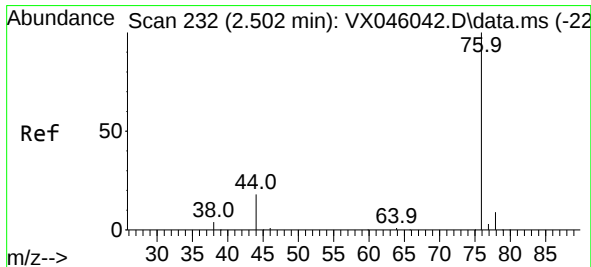
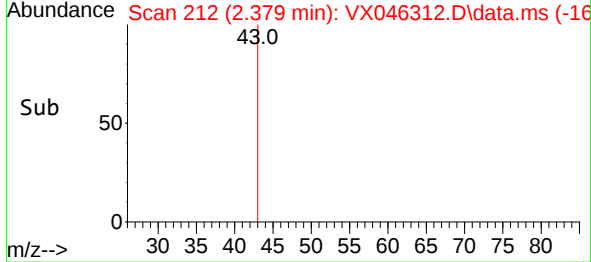
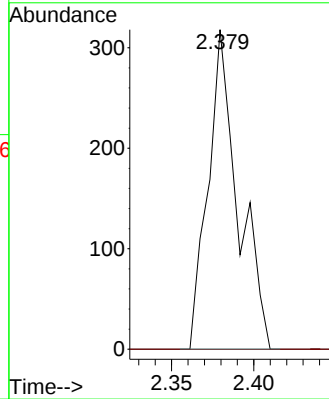
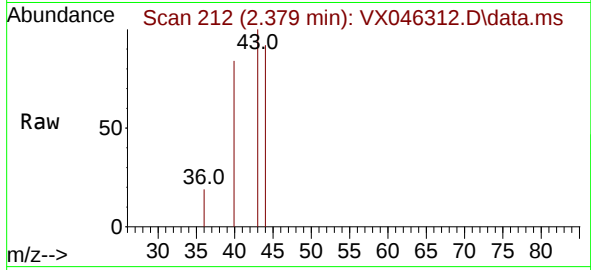




#16
Acetone
Concen: 0.974 ug/l
RT: 2.379 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046312.D
Acq: 22 May 2025 08:27

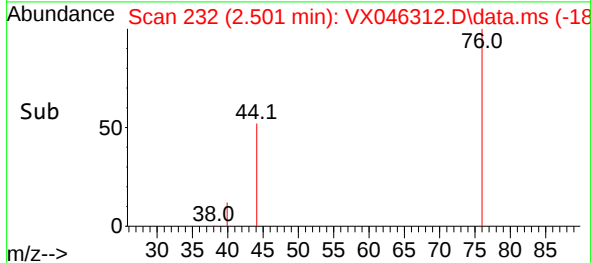
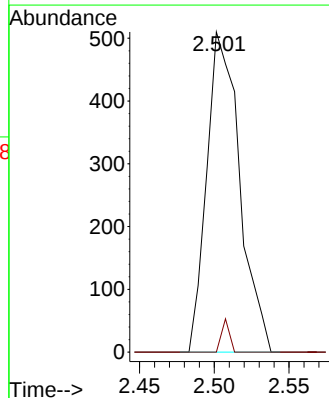
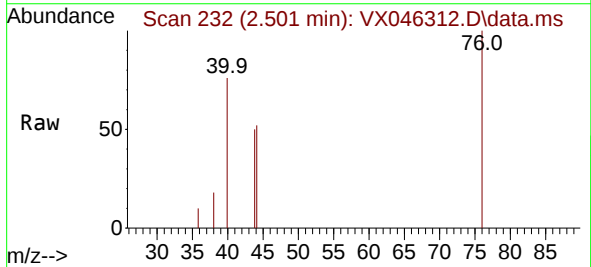
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBL01

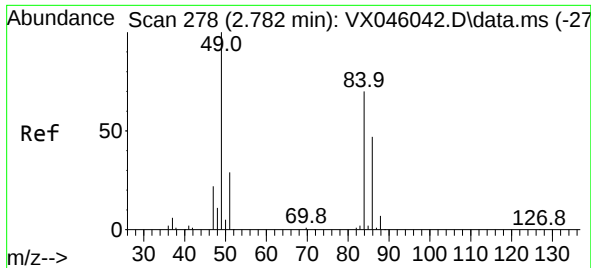
Tgt Ion: 43 Resp: 403
Ion Ratio Lower Upper
43 100
58 0.0 21.2 31.8#



#17
Carbon Disulfide
Concen: 0.501 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX046312.D
Acq: 22 May 2025 08:27

Tgt Ion: 76 Resp: 779
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#

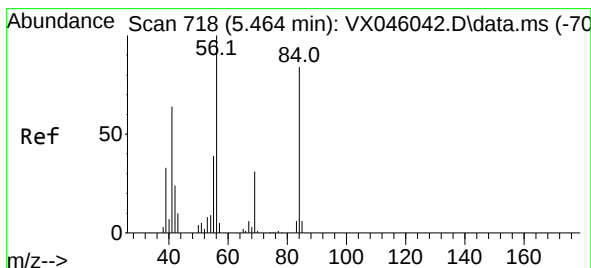
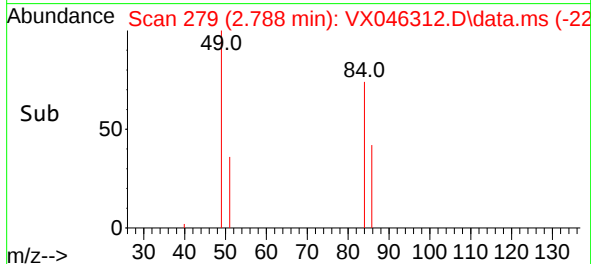
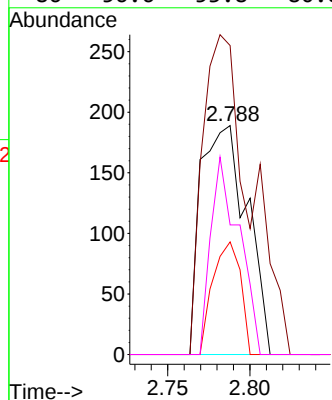
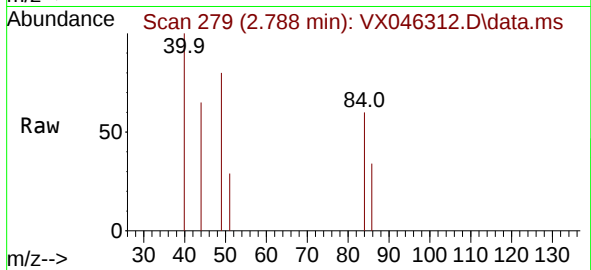




#20
Methylene Chloride
Concen: 0.466 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046312.D
Acq: 22 May 2025 08:27

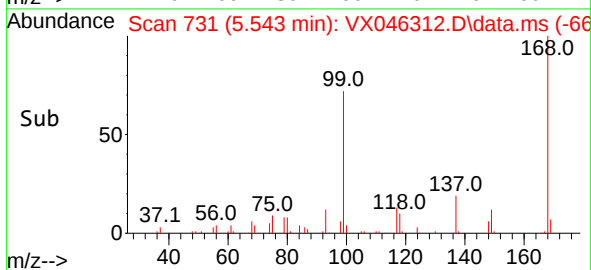
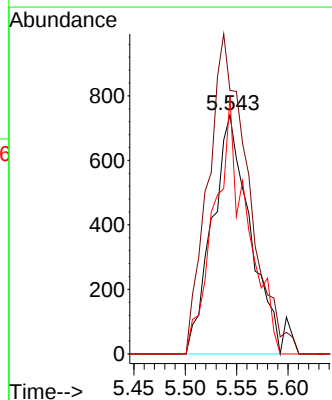
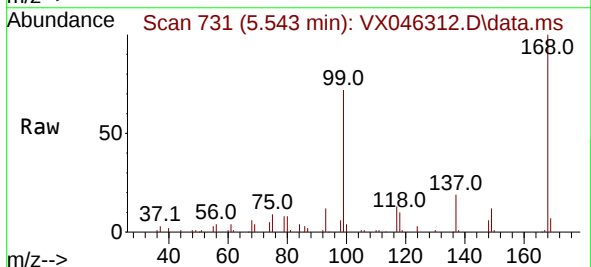
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBL01

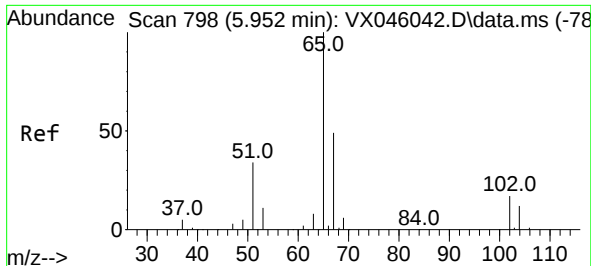
Tgt Ion:	84	Resp:	369
Ion	Ratio	Lower	Upper
84	100		
49	134.9	113.9	170.9
51	49.2	33.5	50.3
86	56.6	53.8	80.8



#31
Cyclohexane
Concen: 1.525 ug/l
RT: 5.543 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX046312.D
Acq: 22 May 2025 08:27

Tgt Ion:	56	Resp:	1874
Ion	Ratio	Lower	Upper
56	100		
69	110.4	24.4	36.6#
84	107.7	66.9	100.3#





#33

1,2-Dichloroethane-d4

Concen: 54.203 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX046312.D

Acq: 22 May 2025 08:27

Instrument :

MSVOA_X

ClientSampleId :

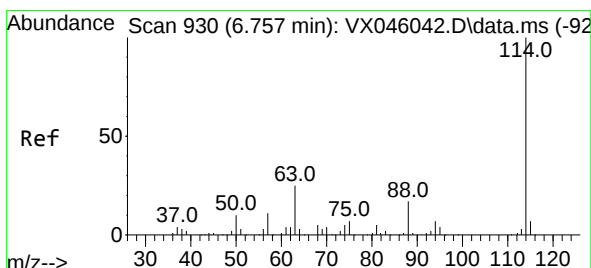
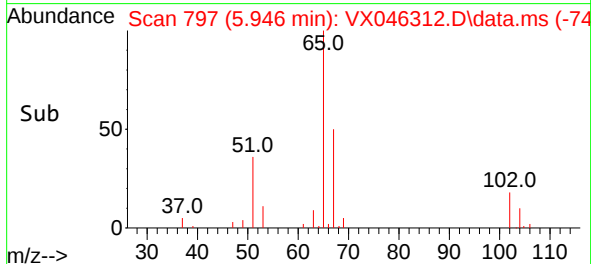
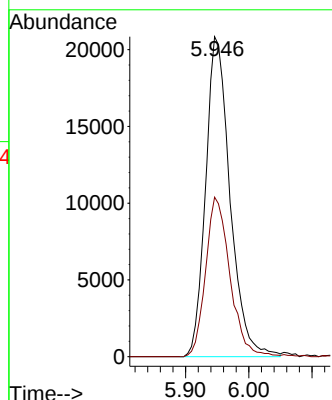
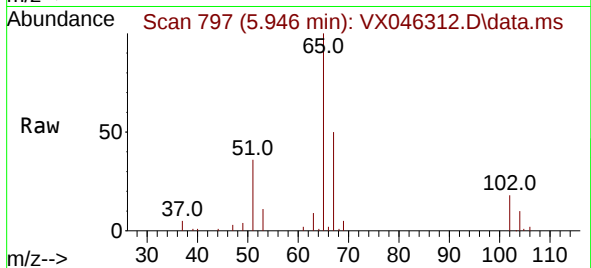
VX0522MBL01

Tgt Ion: 65 Resp: 55909

Ion Ratio Lower Upper

65 100

67 49.7 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX046312.D

Acq: 22 May 2025 08:27

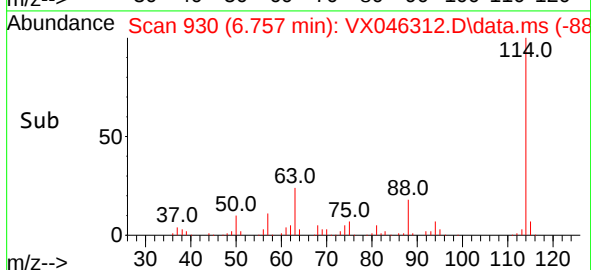
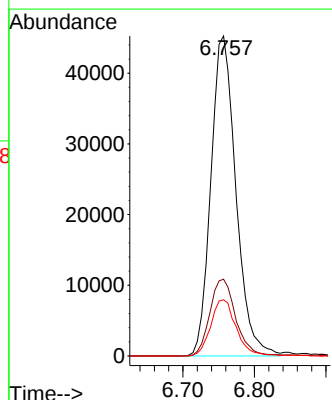
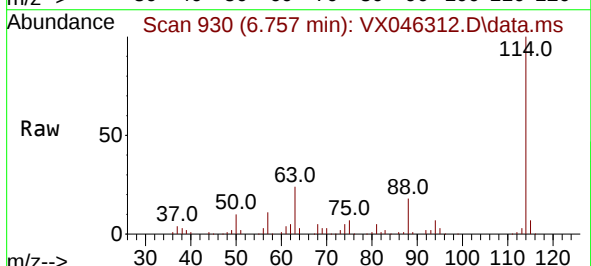
Tgt Ion: 114 Resp: 110076

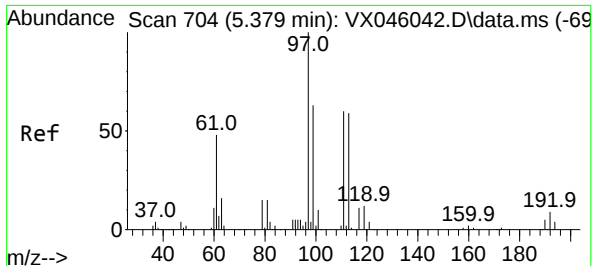
Ion Ratio Lower Upper

114 100

63 24.0 0.0 49.2

88 17.6 0.0 33.6

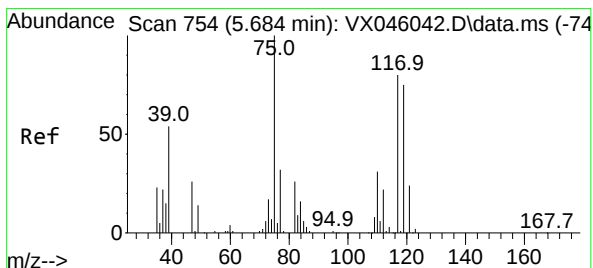
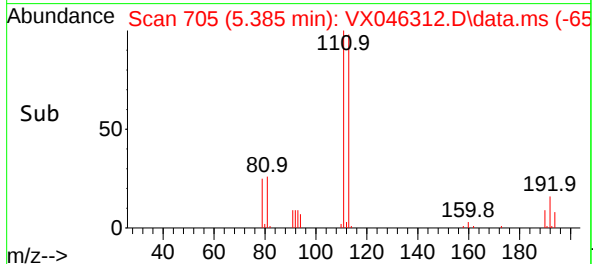
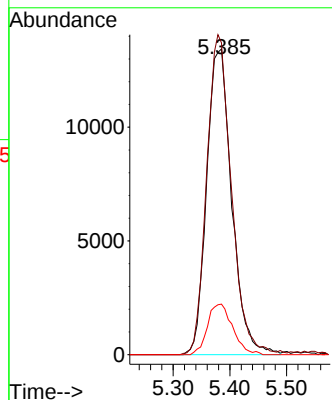
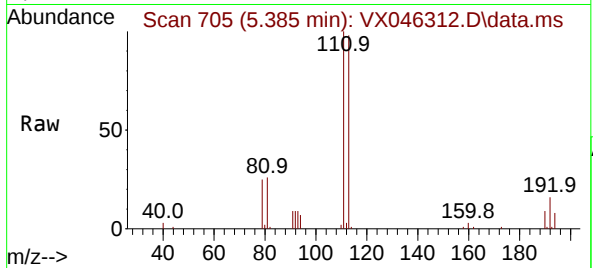




#35
Dibromofluoromethane
Concen: 52.119 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046312.D
Acq: 22 May 2025 08:27

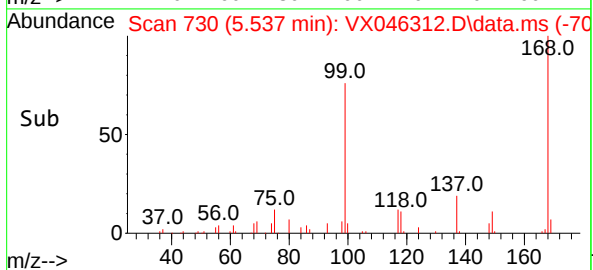
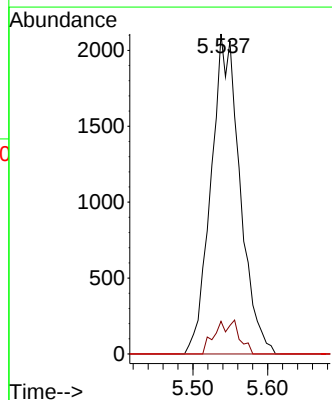
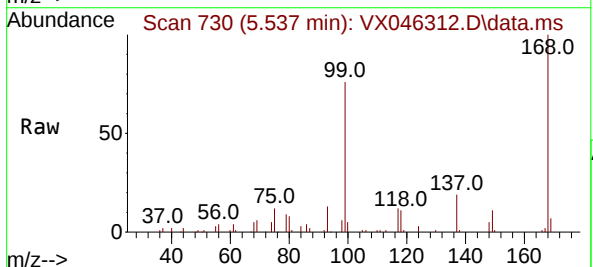
Instrument :
MSVOA_X
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VX0522MBL01

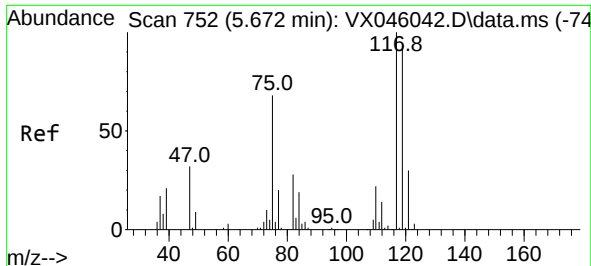
Tgt Ion:113 Resp: 41313
Ion Ratio Lower Upper
113 100
111 102.8 83.1 124.7
192 16.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.335 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.147 min
Lab File: VX046312.D
Acq: 22 May 2025 08:27

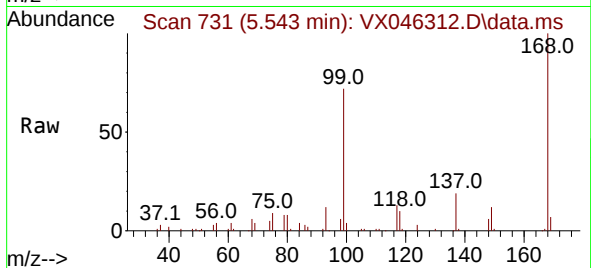
Tgt Ion: 75 Resp: 5682
Ion Ratio Lower Upper
75 100
110 4.5 16.3 48.9#
77 0.0 24.3 36.5#



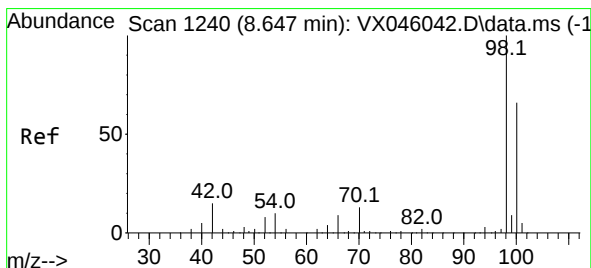
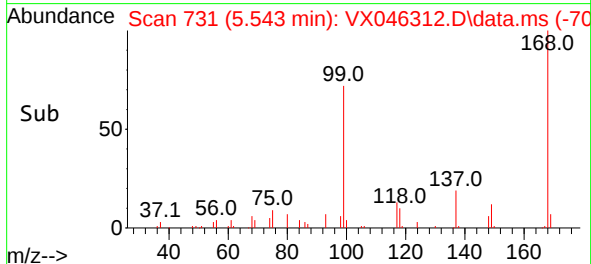
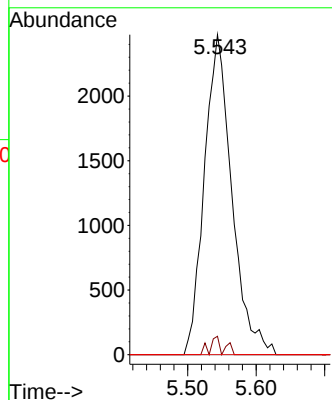


#38
Carbon Tetrachloride
Concen: 5.769 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046312.D
Acq: 22 May 2025 08:27

Instrument :
MSVOA_X
ClientSampleId :
VX0522MBL01

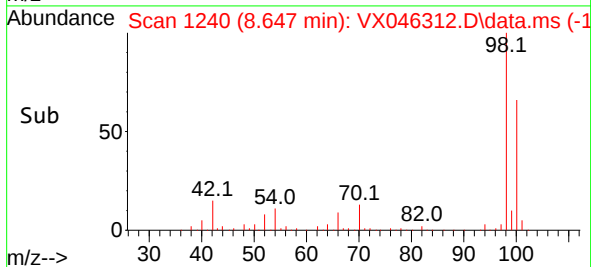
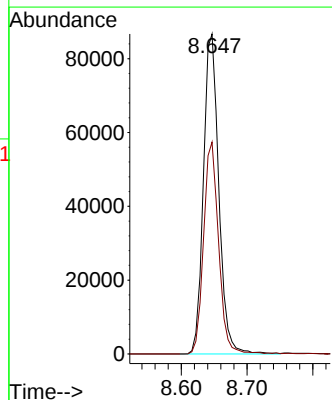
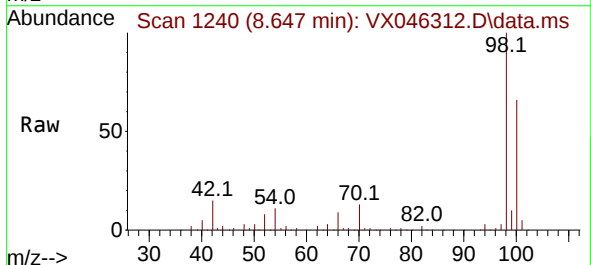


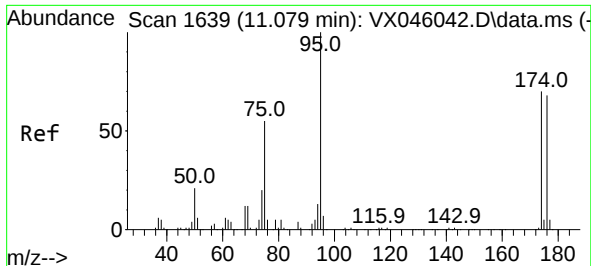
Tgt Ion:117 Resp: 6903
Ion Ratio Lower Upper
117 100
119 5.8 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 51.318 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046312.D
Acq: 22 May 2025 08:27

Tgt Ion: 98 Resp: 140791
Ion Ratio Lower Upper
98 100
100 64.7 53.5 80.3

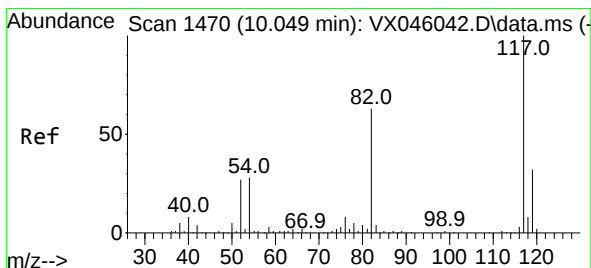
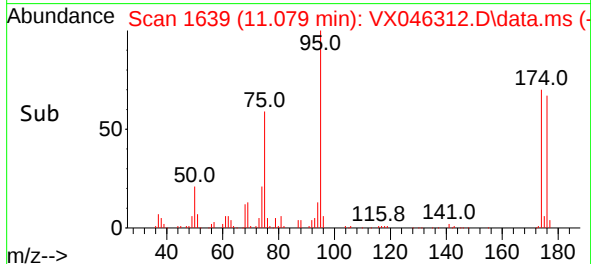
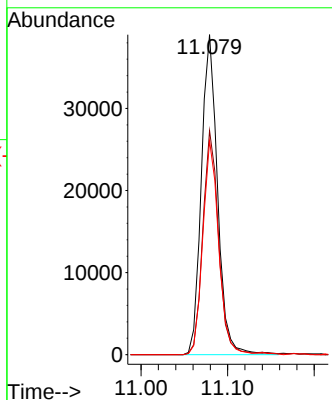
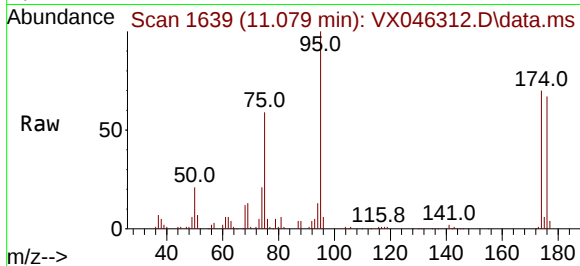




#62
4-Bromofluorobenzene
Concen: 48.076 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046312.D
Acq: 22 May 2025 08:27

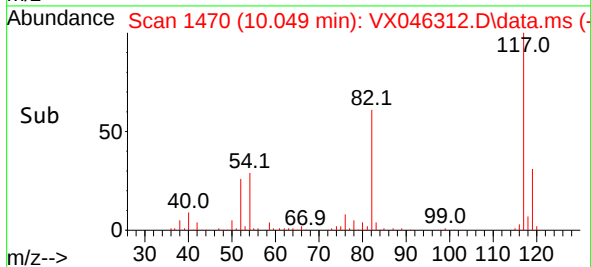
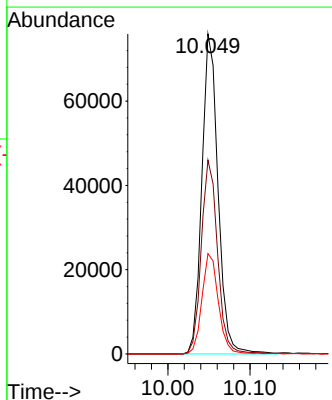
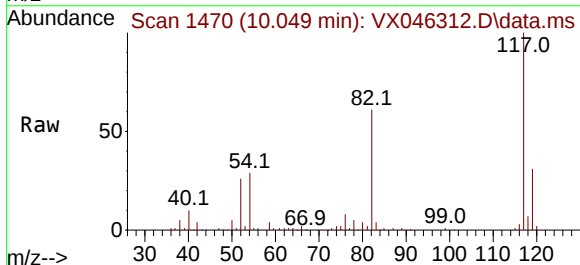
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBL01

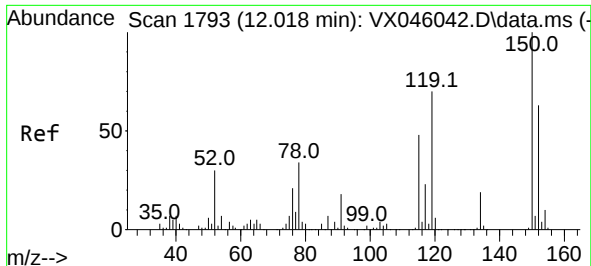
Tgt Ion: 95 Resp: 50594
Ion Ratio Lower Upper
95 100
174 68.5 0.0 135.8
176 66.0 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046312.D
Acq: 22 May 2025 08:27

Tgt Ion: 117 Resp: 103852
Ion Ratio Lower Upper
117 100
82 60.6 50.6 76.0
119 31.3 25.8 38.6

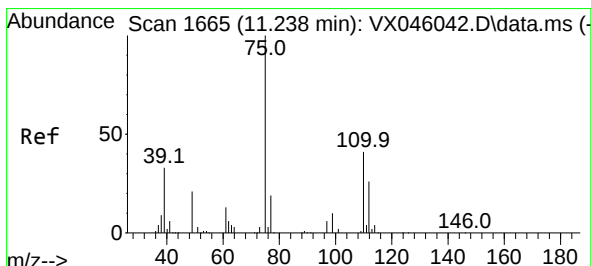
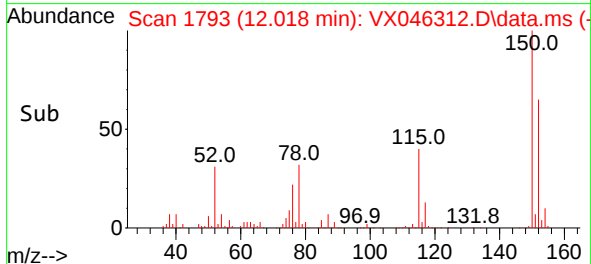
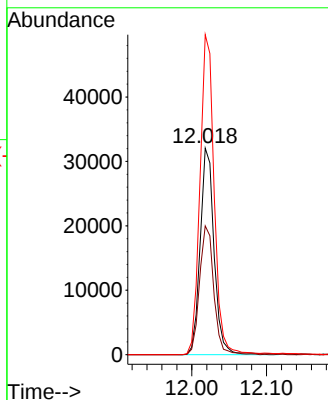
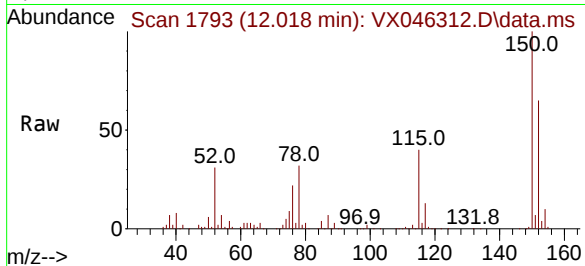




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046312.D
 Acq: 22 May 2025 08:27

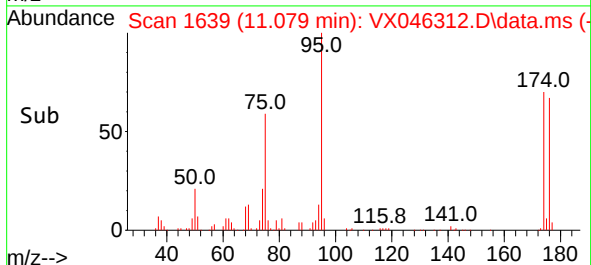
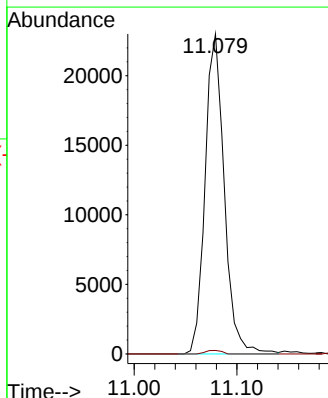
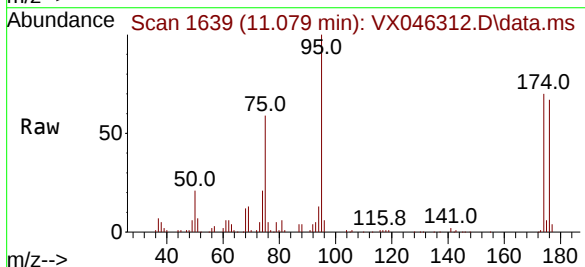
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522MBL01

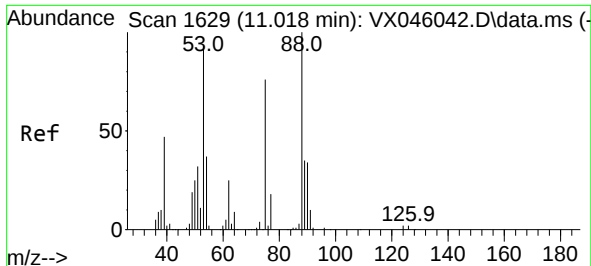
Tgt Ion:152 Resp: 41715
 Ion Ratio Lower Upper
 152 100
 115 63.3 46.9 140.7
 150 157.3 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 29.810 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046312.D
 Acq: 22 May 2025 08:27

Tgt Ion: 75 Resp: 29932
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.5 61.5#

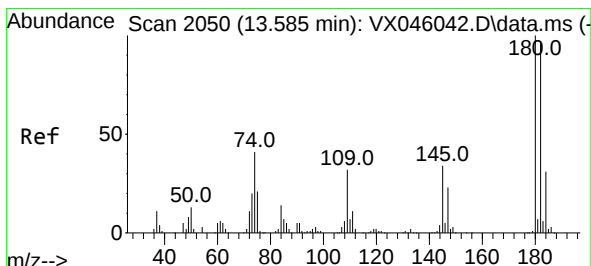
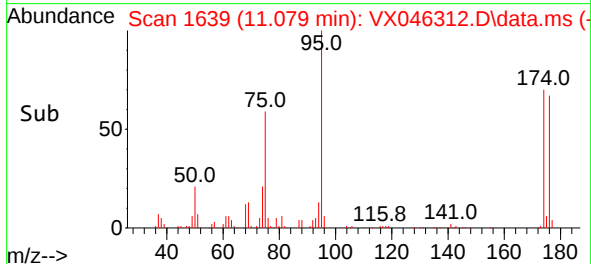
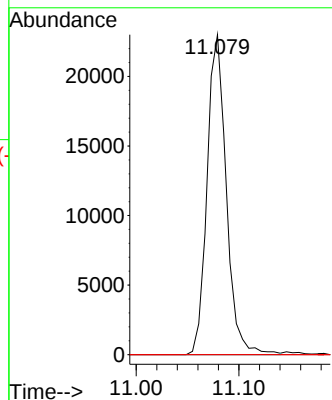
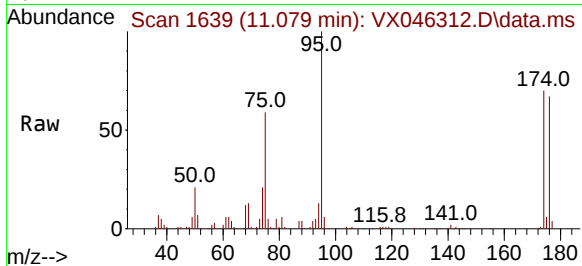




#81
trans-1,4-Dichloro-2-butene
Concen: 97.051 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX046312.D
Acq: 22 May 2025 08:27

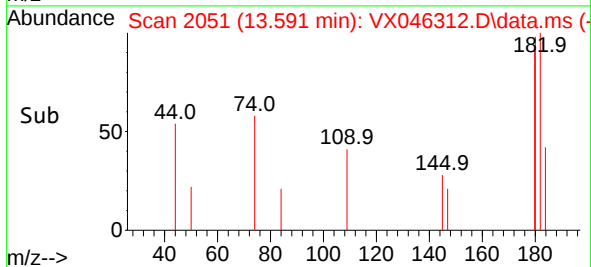
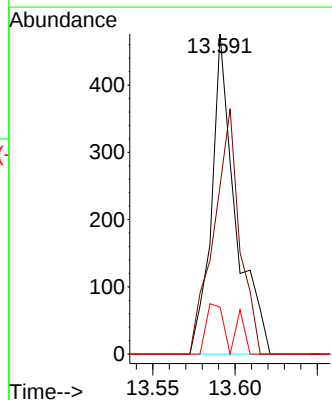
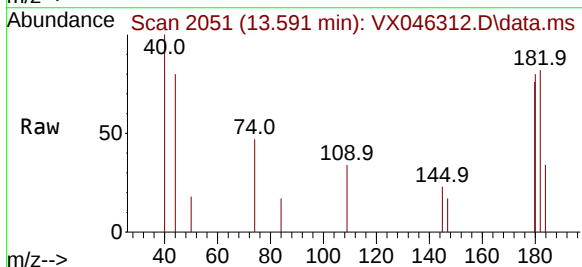
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBL01

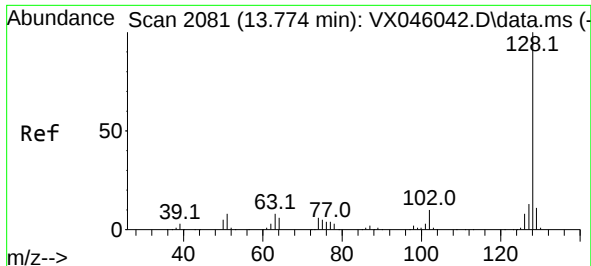
Tgt Ion: 75 Resp: 29932
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#



#93
1,2,4-Trichlorobenzene
Concen: 0.604 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX046312.D
Acq: 22 May 2025 08:27

Tgt Ion:180 Resp: 479
Ion Ratio Lower Upper
180 100
182 83.1 47.9 143.8
145 16.1 17.1 51.2#

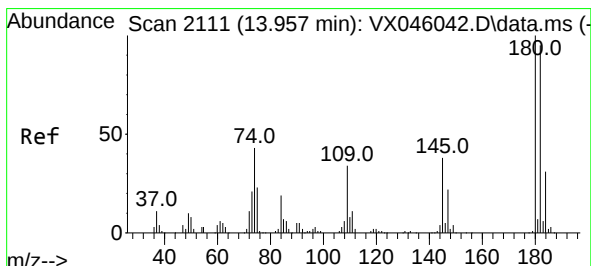
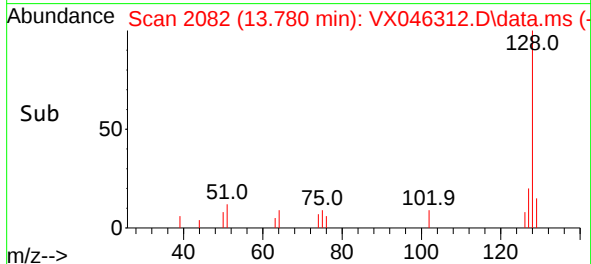
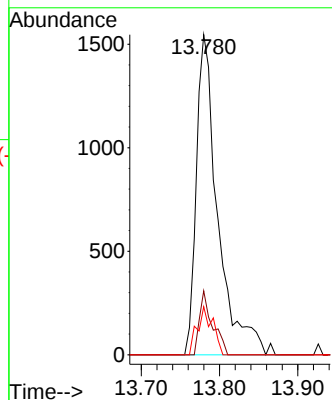
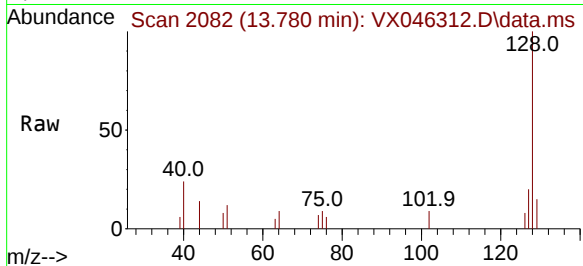




#95
Naphthalene
Concen: 1.014 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX046312.D
Acq: 22 May 2025 08:27

Instrument :
MSVOA_X
ClientSampleId :
VX0522MBL01

Tgt Ion:128 Resp: 2951
Ion Ratio Lower Upper
128 100
127 12.0 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.731 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX046312.D
Acq: 22 May 2025 08:27

Tgt Ion:180 Resp: 598
Ion Ratio Lower Upper
180 100
182 88.0 47.8 143.3
145 34.6 18.1 54.3

