

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042825\
 Data File : VX045962.D
 Acq On : 28 Apr 2025 17:23
 Operator : JC/MD
 Sample : Q1895-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-1

Quant Time: Apr 29 01:35:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

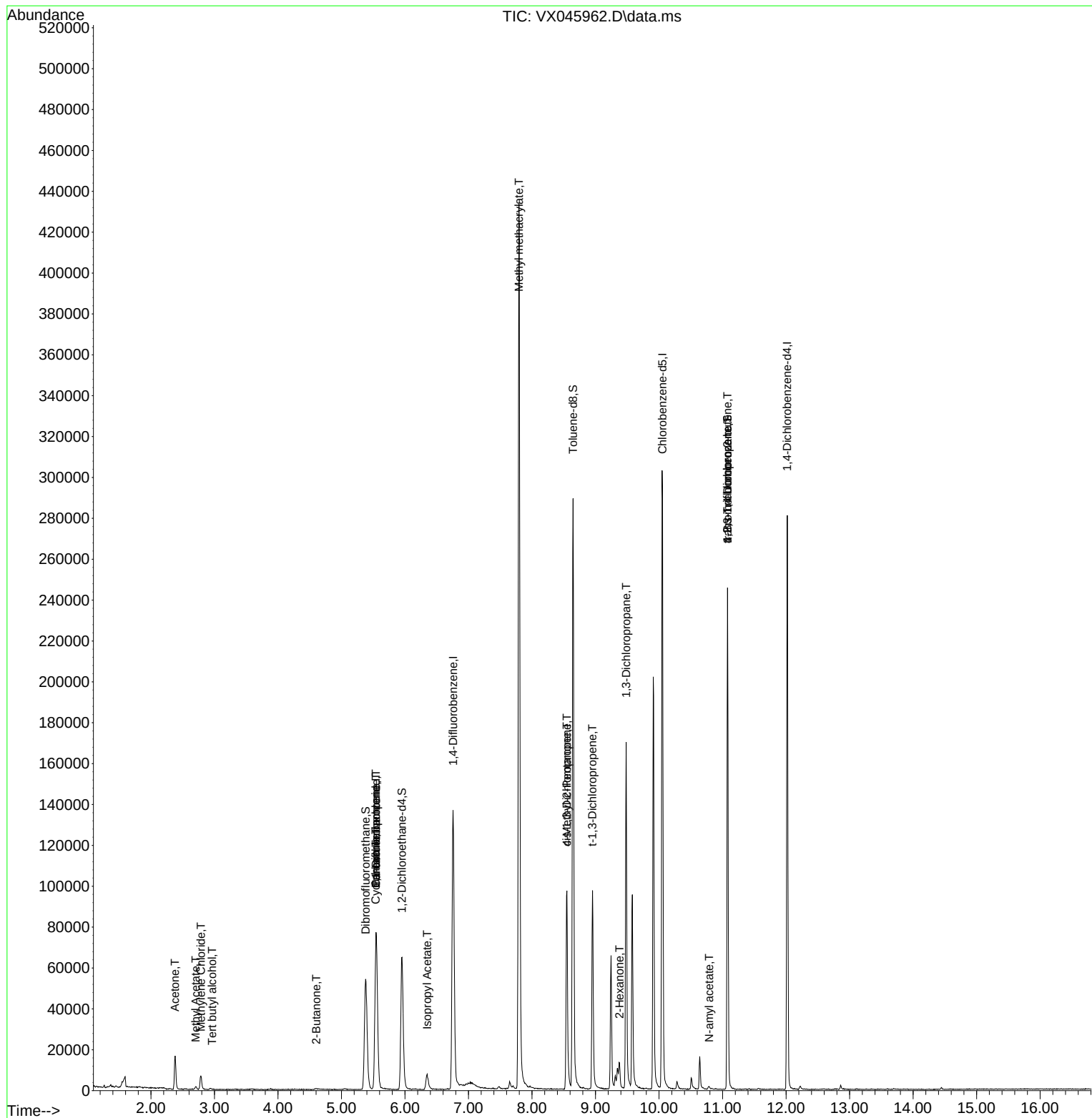
Internal Standards						
1) Pentafluorobenzene	5.544	168	65444	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131533	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51310	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66061	55.198	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.400%	
35) Dibromofluoromethane	5.379	113	47019	50.383	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.760%	
50) Toluene-d8	8.647	98	166265	51.043	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.080%	
62) 4-Bromofluorobenzene	11.079	95	61005	51.417	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.840%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	220	1.368	ug/l #	72
16) Acetone	2.380	43	17710	36.037	ug/l	96
18) Methyl Acetate	2.703	43	1817	1.606	ug/l	99
20) Methylene Chloride	2.788	84	3115	3.386	ug/l	95
25) 2-Butanone	4.605	43	1549	2.153	ug/l	94
31) Cyclohexane	5.537	56	1997	1.360	ug/l #	47
36) 1,1-Dichloropropene	5.544	75	6392	5.073	ug/l #	51
38) Carbon Tetrachloride	5.544	117	7798	5.726	ug/l #	16
43) Isopropyl Acetate	6.348	43	10924	4.539	ug/l	99
48) Methyl methacrylate	7.793	41	42403	34.124	ug/l #	51
51) 4-Methyl-2-Pentanone	8.549	43	38842	24.346	ug/l #	51
53) t-1,3-Dichloropropene	8.952	75	166	2.401	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	14895	10.768	ug/l #	70
57) 1,3-Dichloropropane	9.482	76	1465	0.907	ug/l #	42
59) 2-Hexanone	9.378	43	12023	10.176	ug/l #	28
74) N-amyl acetate	10.787	43	1236	0.629	ug/l #	46
76) 1,2,3-Trichloropropane	11.079	75	35993	28.758	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35993	97.602	ug/l #	1

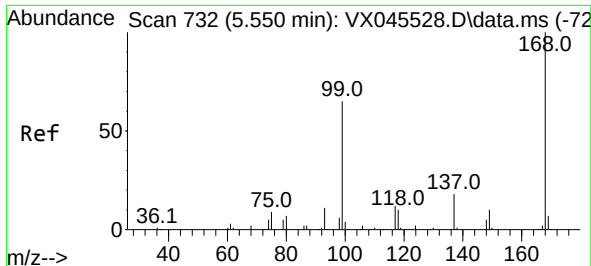
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
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COMP-1

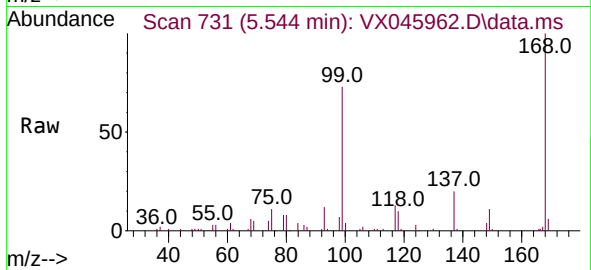
Quant Time: Apr 29 01:35:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



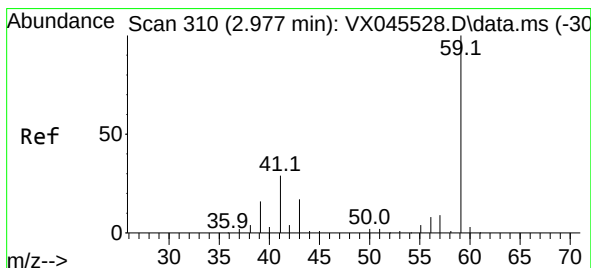
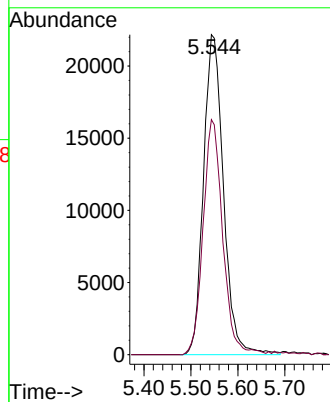
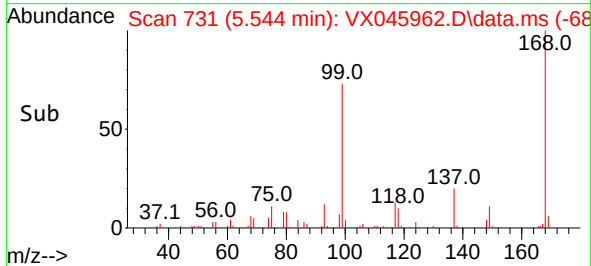


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045962.D
Acq: 28 Apr 2025 17:23

Instrument :
MSVOA_X
ClientSampleId :
COMP-1

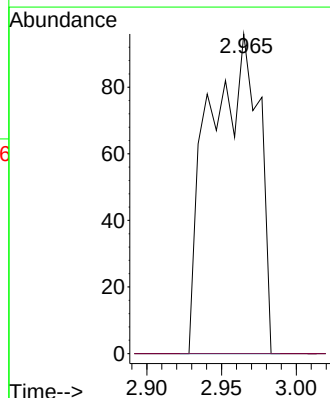
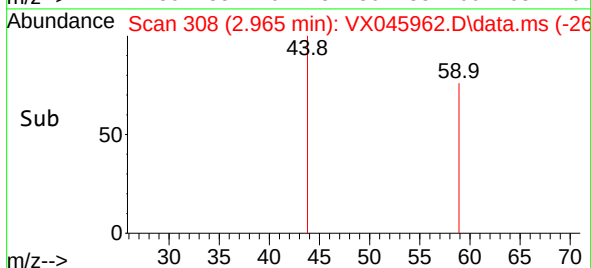
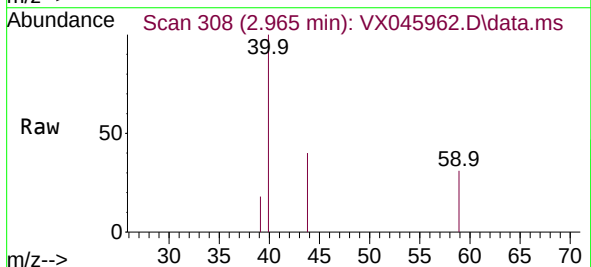


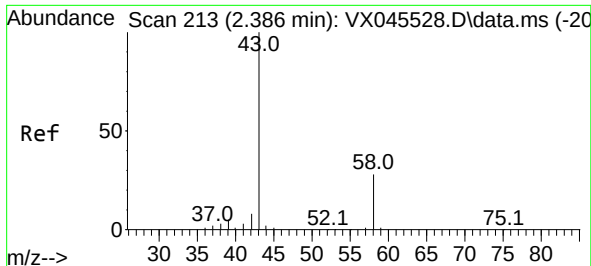
Tgt Ion:168 Resp: 65444
Ion Ratio Lower Upper
168 100
99 73.4 52.3 78.5



#11
Tert butyl alcohol
Concen: 1.368 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX045962.D
Acq: 28 Apr 2025 17:23

Tgt Ion: 59 Resp: 220
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

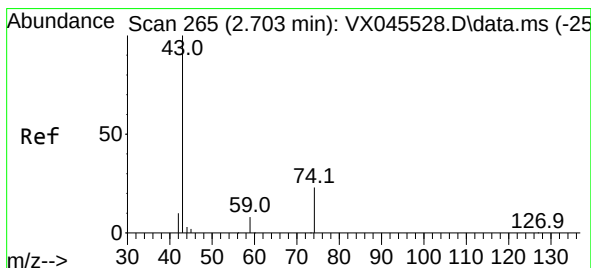
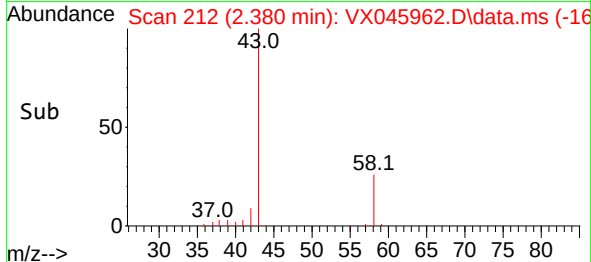
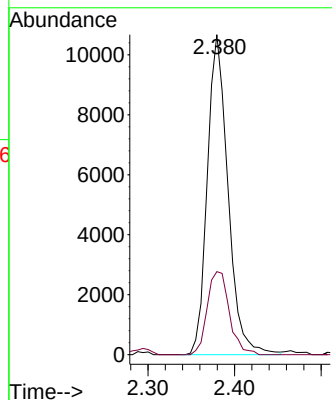
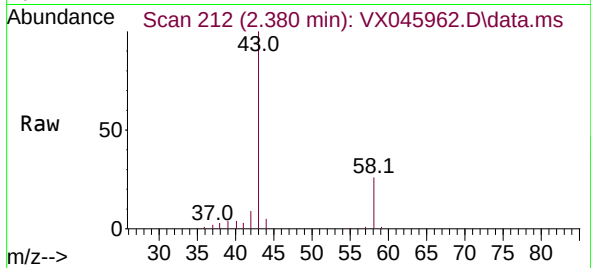




#16
Acetone
Concen: 36.037 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045962.D
Acq: 28 Apr 2025 17:23

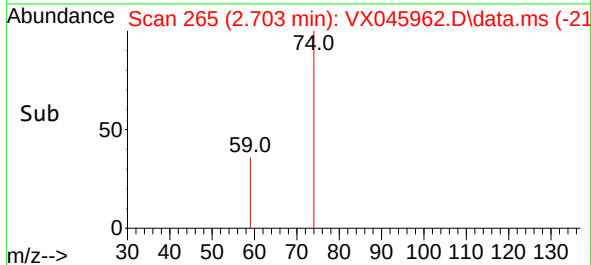
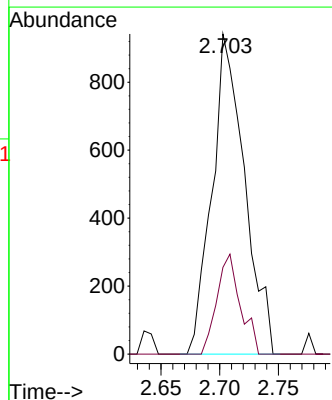
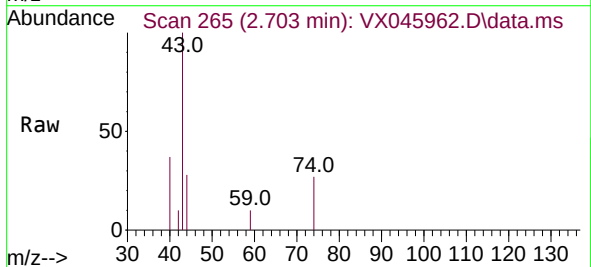
Instrument :
MSVOA_X
ClientSampleId :
COMP-1

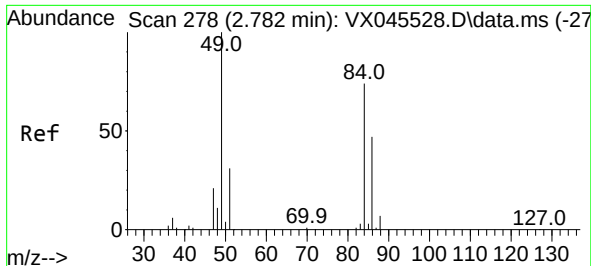
Tgt Ion: 43 Resp: 17710
Ion Ratio Lower Upper
43 100
58 25.9 22.3 33.5



#18
Methyl Acetate
Concen: 1.606 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045962.D
Acq: 28 Apr 2025 17:23

Tgt Ion: 43 Resp: 1817
Ion Ratio Lower Upper
43 100
74 22.6 17.5 26.3





#20

Methylene Chloride

Concen: 3.386 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX045962.D

Acq: 28 Apr 2025 17:23

Instrument :

MSVOA_X

ClientSampleId :

COMP-1

Tgt Ion: 84 Resp: 3115

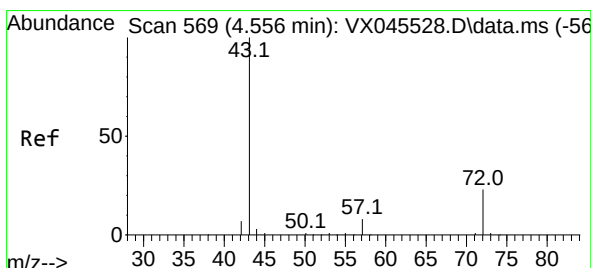
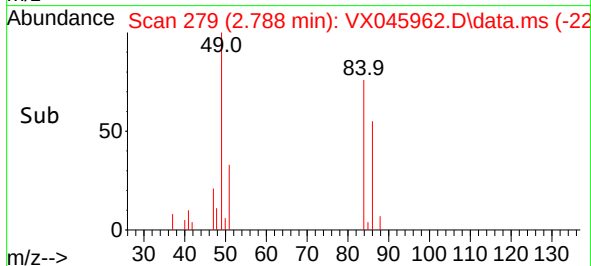
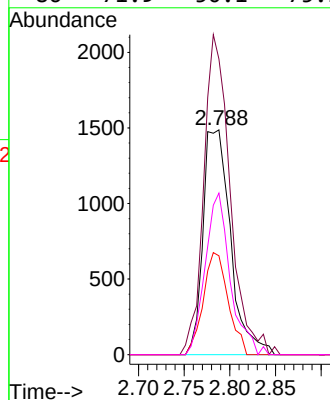
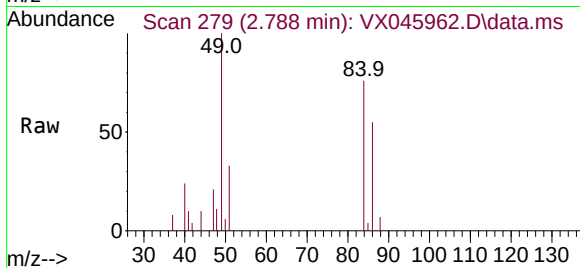
Ion Ratio Lower Upper

84 100

49 131.5 107.5 161.3

51 44.0 33.0 49.6

86 71.9 50.1 75.1



#25

2-Butanone

Concen: 2.153 ug/l

RT: 4.605 min Scan# 577

Delta R.T. 0.049 min

Lab File: VX045962.D

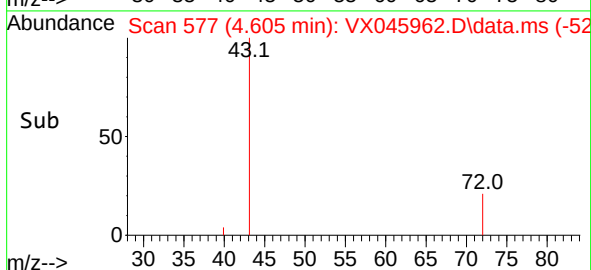
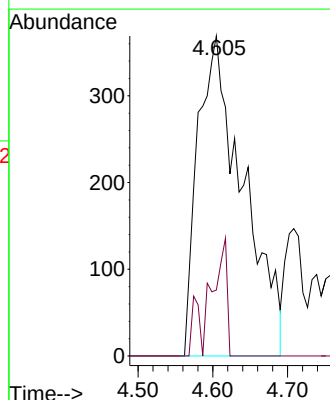
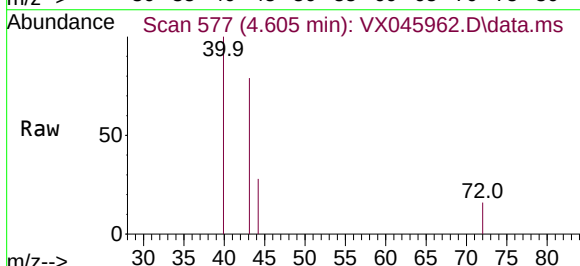
Acq: 28 Apr 2025 17:23

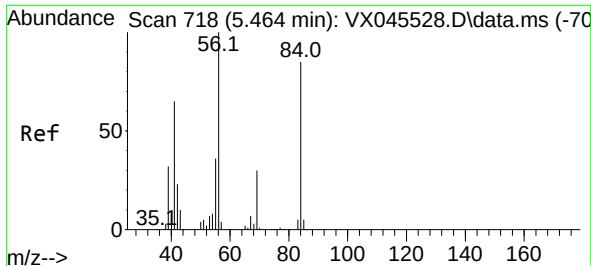
Tgt Ion: 43 Resp: 1549

Ion Ratio Lower Upper

43 100

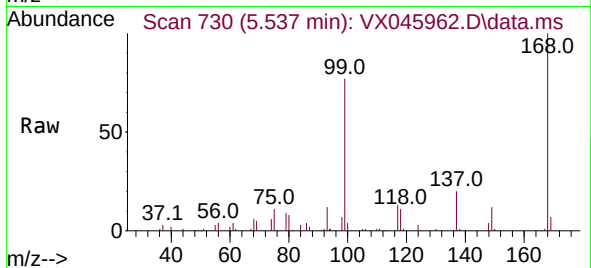
72 20.6 18.6 28.0



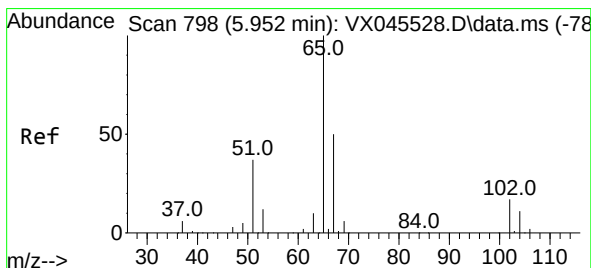
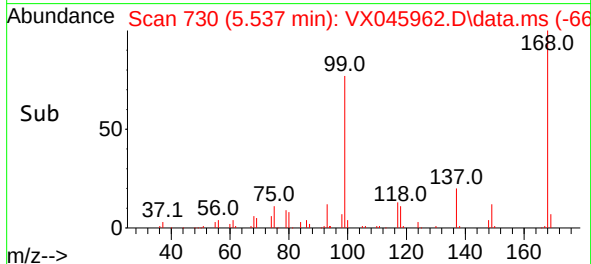
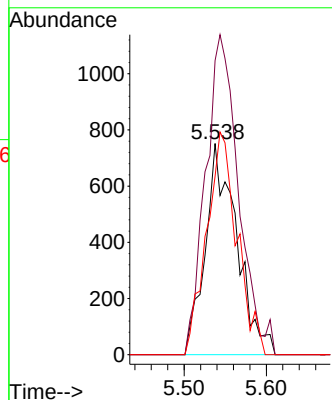


#31
Cyclohexane
Concen: 1.360 ug/l
RT: 5.537 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX045962.D
Acq: 28 Apr 2025 17:23

Instrument :
MSVOA_X
ClientSampleId :
COMP-1

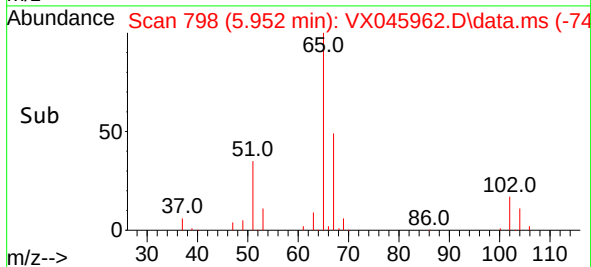
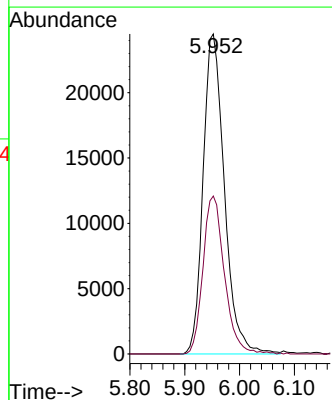
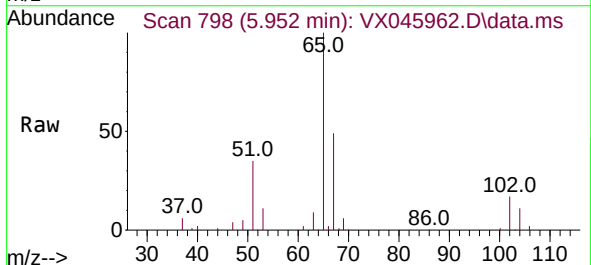


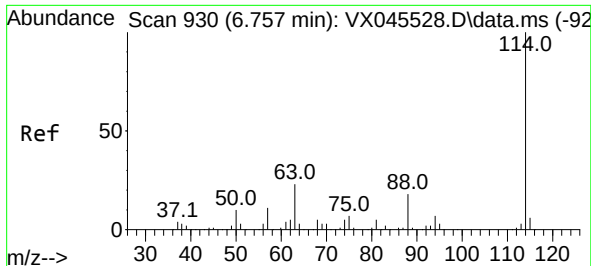
Tgt Ion: 56 Resp: 1997
Ion Ratio Lower Upper
56 100
69 139.2 23.6 35.4#
84 84.4 67.7 101.5



#33
1,2-Dichloroethane-d4
Concen: 55.198 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045962.D
Acq: 28 Apr 2025 17:23

Tgt Ion: 65 Resp: 66061
Ion Ratio Lower Upper
65 100
67 49.7 0.0 99.0

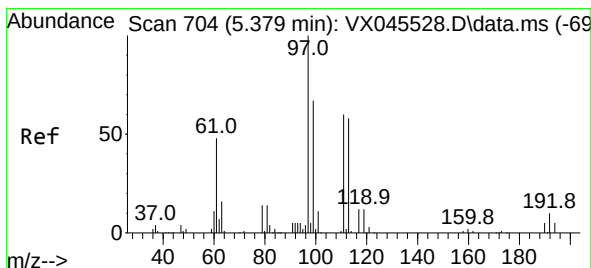
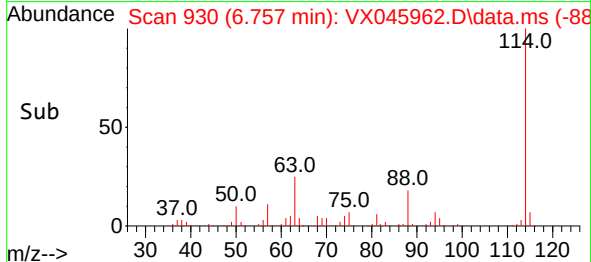
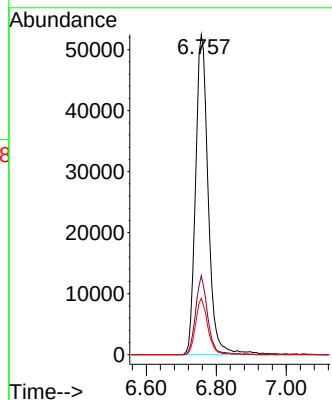
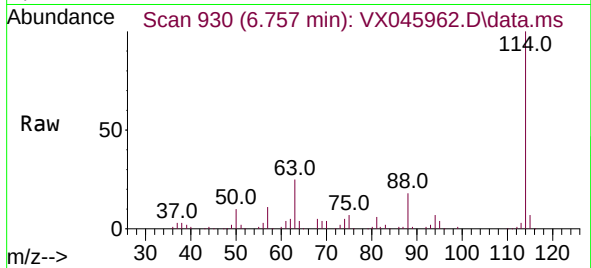




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045962.D
Acq: 28 Apr 2025 17:23

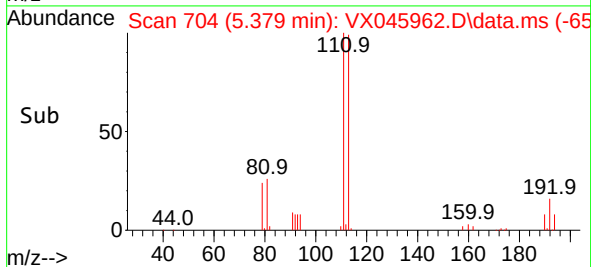
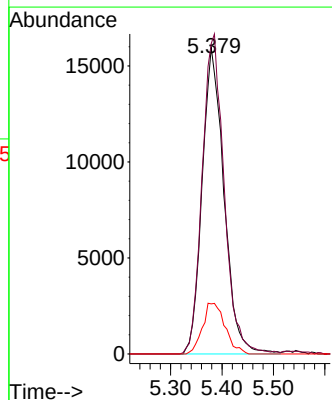
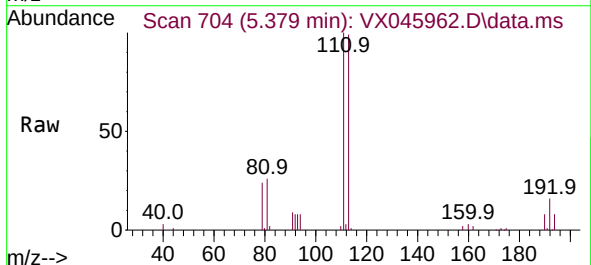
Instrument :
MSVOA_X
ClientSampleId :
COMP-1

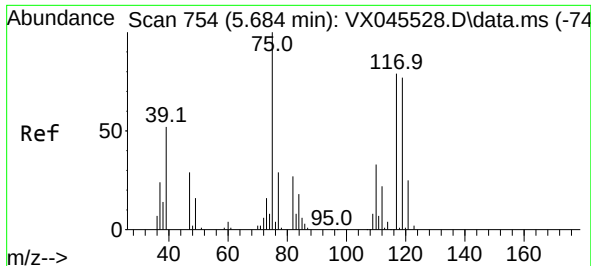
Tgt Ion:114 Resp: 131533
Ion Ratio Lower Upper
114 100
63 24.7 0.0 46.8
88 17.6 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.383 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045962.D
Acq: 28 Apr 2025 17:23

Tgt Ion:113 Resp: 47019
Ion Ratio Lower Upper
113 100
111 105.1 81.8 122.6
192 17.1 13.8 20.6





#36

1,1-Dichloropropene

Concen: 5.073 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX045962.D

Acq: 28 Apr 2025 17:23

Instrument :

MSVOA_X

ClientSampleId :

COMP-1

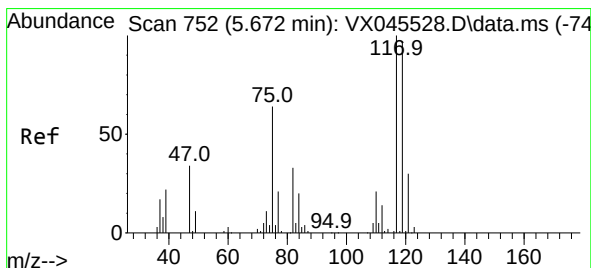
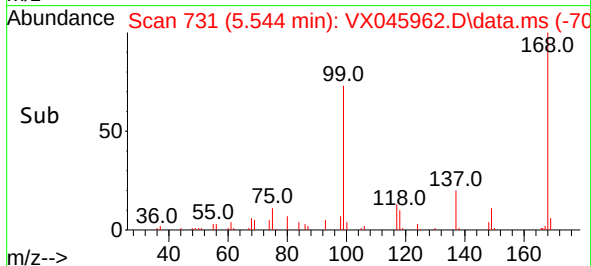
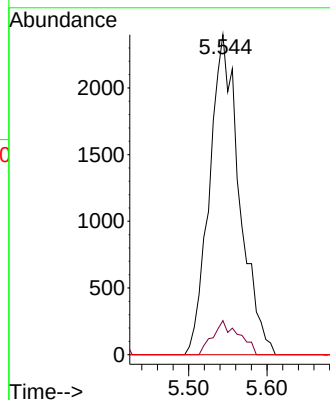
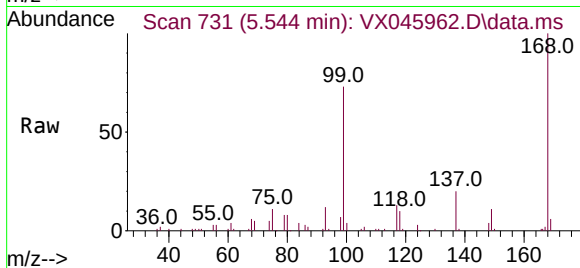
Tgt Ion: 75 Resp: 6392

Ion Ratio Lower Upper

75 100

110 9.2 16.9 50.6#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.726 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX045962.D

Acq: 28 Apr 2025 17:23

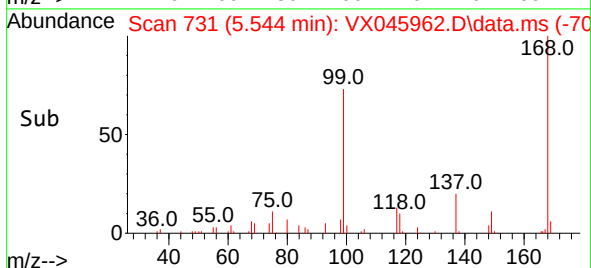
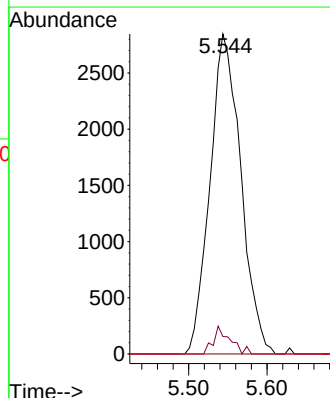
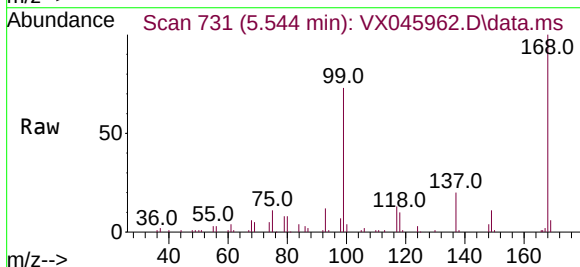
Tgt Ion: 117 Resp: 7798

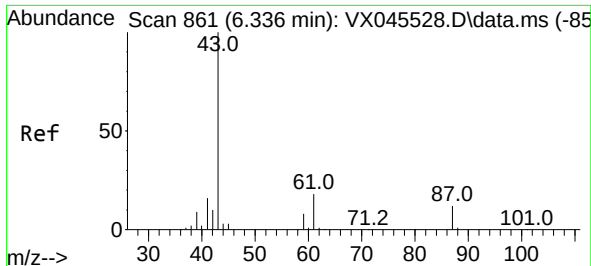
Ion Ratio Lower Upper

117 100

119 5.4 76.9 115.3#

121 0.0 24.2 36.2#

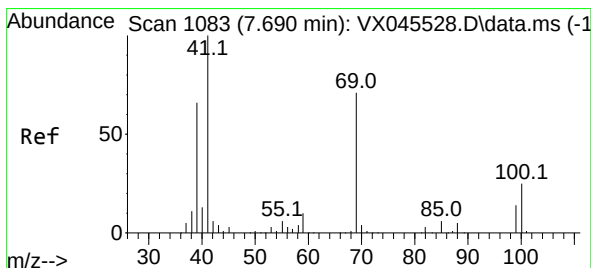
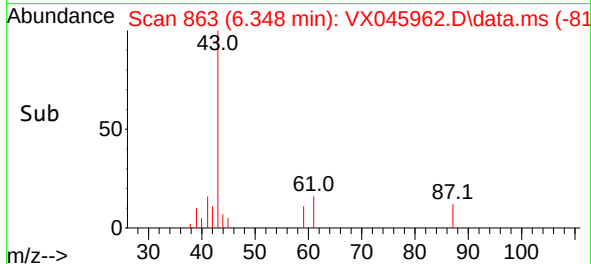
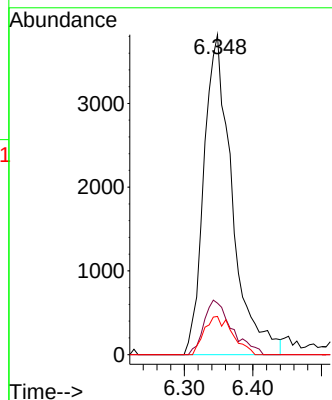
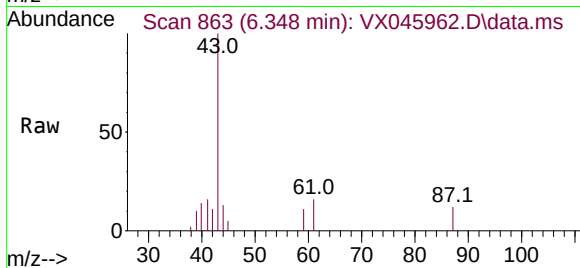




#43
Isopropyl Acetate
Concen: 4.539 ug/l
RT: 6.348 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX045962.D
Acq: 28 Apr 2025 17:23

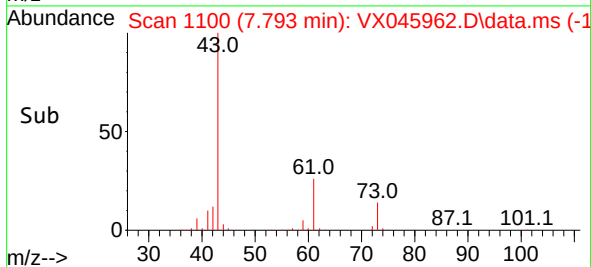
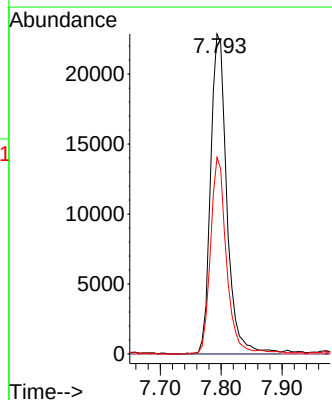
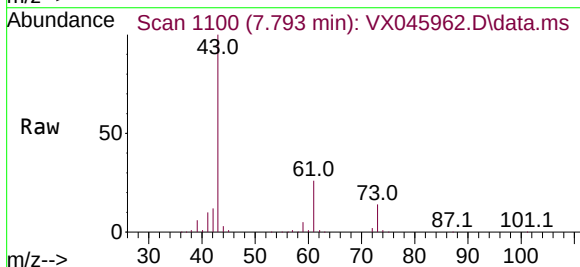
Instrument :
MSVOA_X
ClientSampleId :
COMP-1

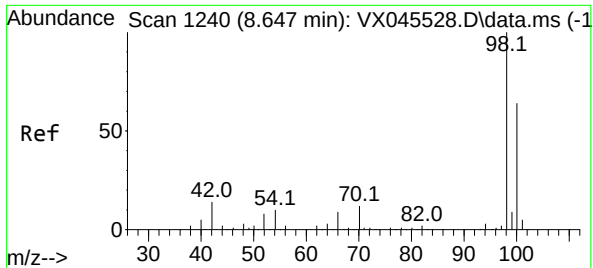
Tgt Ion: 43 Resp: 10924
Ion Ratio Lower Upper
43 100
61 16.8 14.1 21.1
87 11.9 9.2 13.8



#48
Methyl methacrylate
Concen: 34.124 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX045962.D
Acq: 28 Apr 2025 17:23

Tgt Ion: 41 Resp: 42403
Ion Ratio Lower Upper
41 100
69 0.0 58.2 87.2#
39 60.9 53.6 80.4

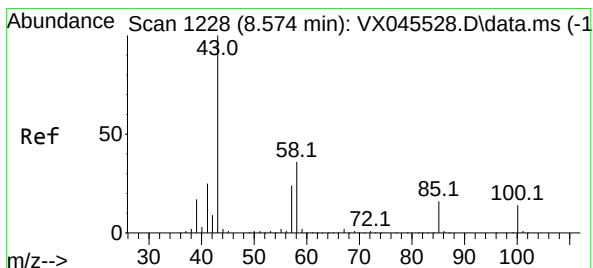
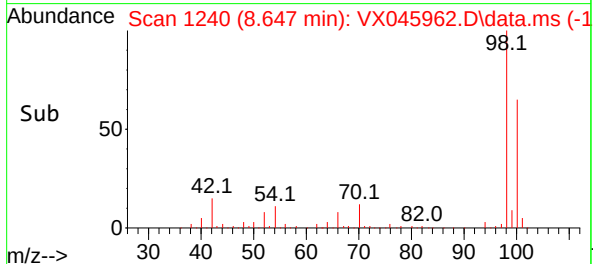
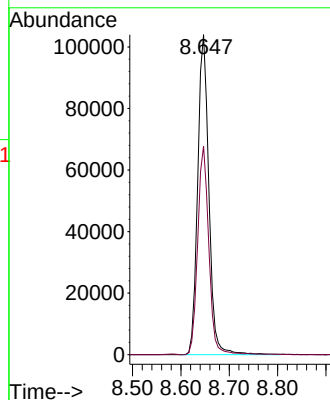
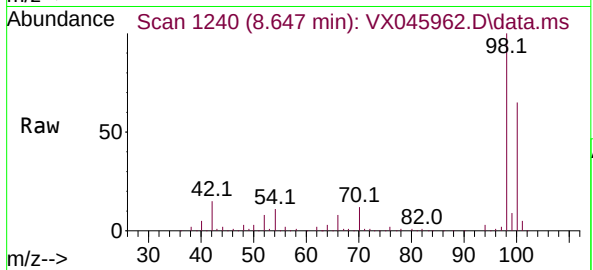




#50
Toluene-d8
Concen: 51.043 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045962.D
Acq: 28 Apr 2025 17:23

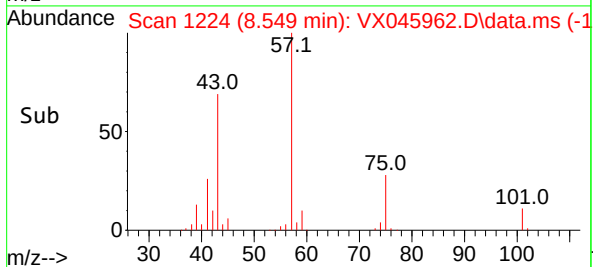
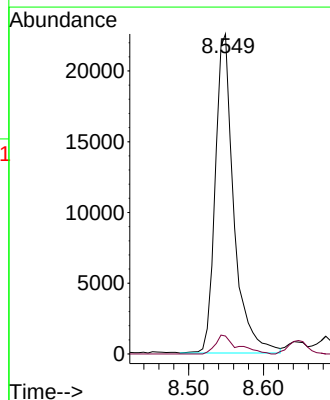
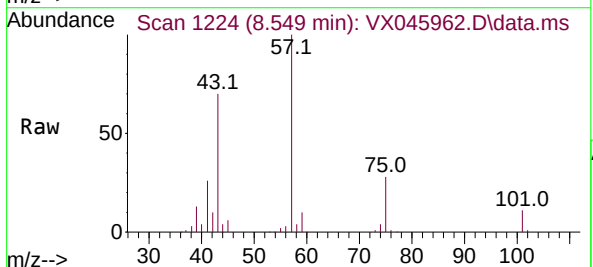
Instrument :
MSVOA_X
ClientSampleId :
COMP-1

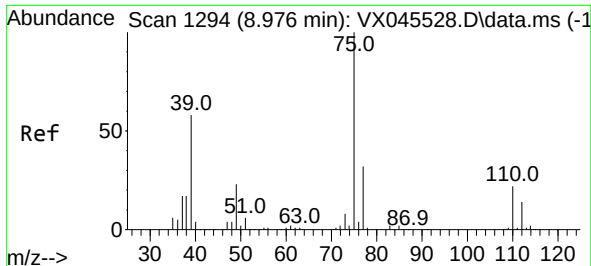
Tgt Ion: 98 Resp: 166265
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 24.346 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX045962.D
Acq: 28 Apr 2025 17:23

Tgt Ion: 43 Resp: 38842
Ion Ratio Lower Upper
43 100
58 7.0 28.5 42.7#

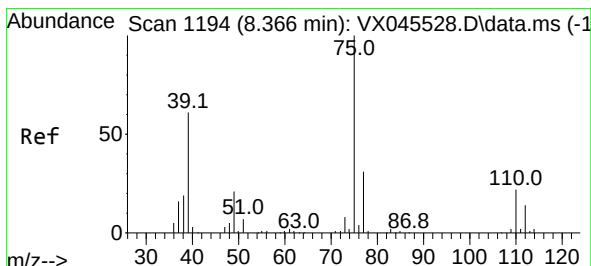
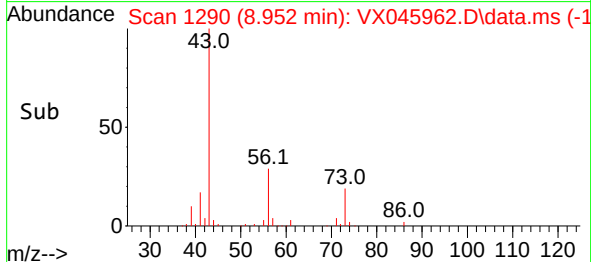
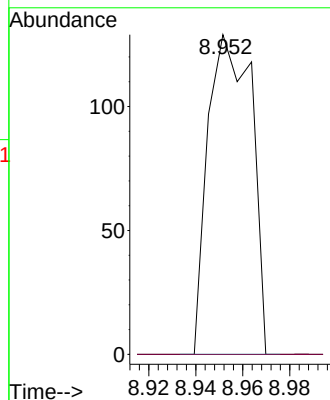
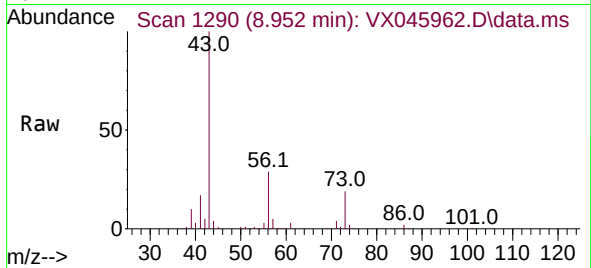




#53
 t-1,3-Dichloropropene
 Concen: 2.401 ug/l
 RT: 8.952 min Scan# 1124
 Delta R.T. -0.024 min
 Lab File: VX045962.D
 Acq: 28 Apr 2025 17:23

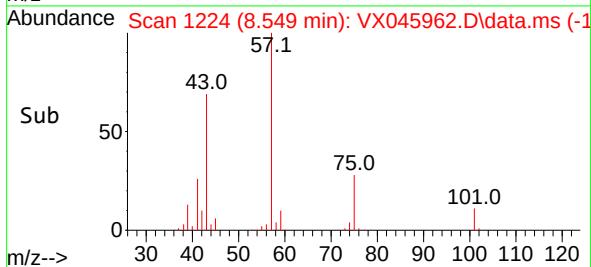
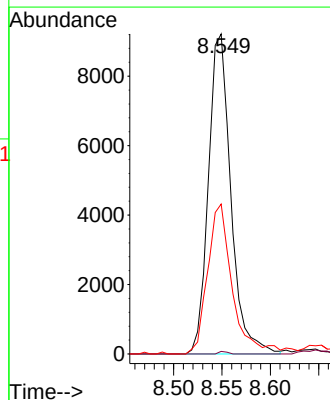
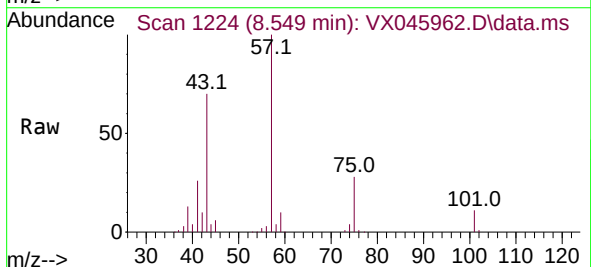
Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-1

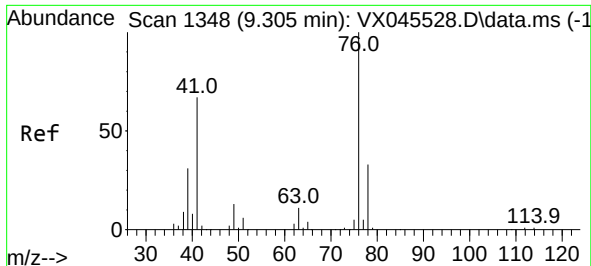
Tgt Ion: 75 Resp: 166
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.0#



#54
 cis-1,3-Dichloropropene
 Concen: 10.768 ug/l
 RT: 8.549 min Scan# 1224
 Delta R.T. 0.183 min
 Lab File: VX045962.D
 Acq: 28 Apr 2025 17:23

Tgt Ion: 75 Resp: 14895
 Ion Ratio Lower Upper
 75 100
 77 0.8 24.6 36.8#
 39 46.9 48.4 72.6#

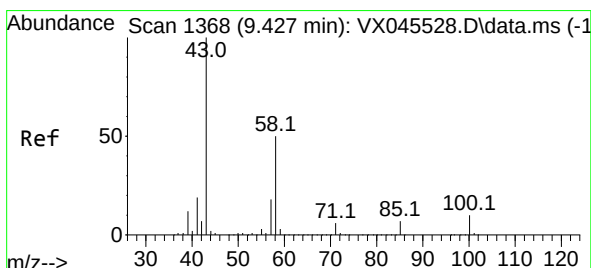
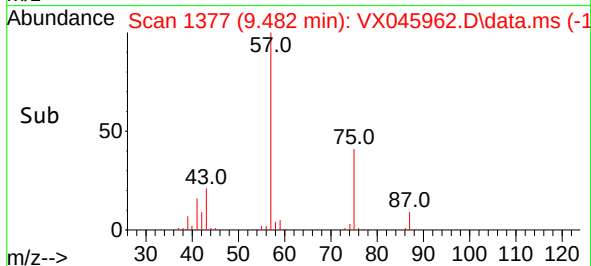
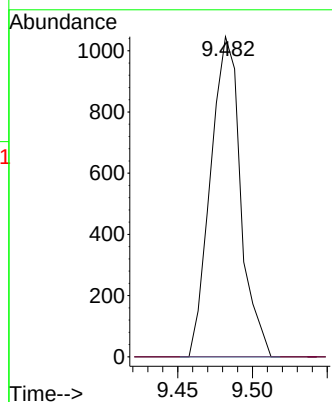
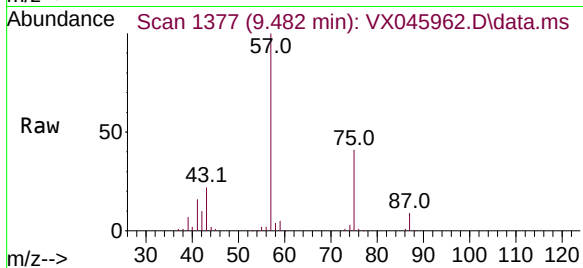




#57
1,3-Dichloropropane
Concen: 0.907 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX045962.D
Acq: 28 Apr 2025 17:23

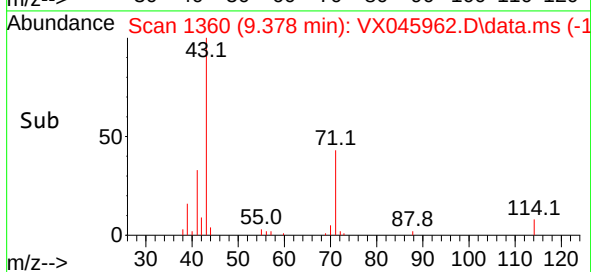
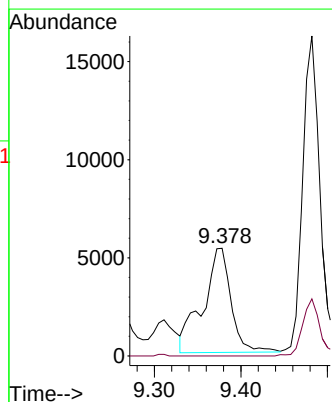
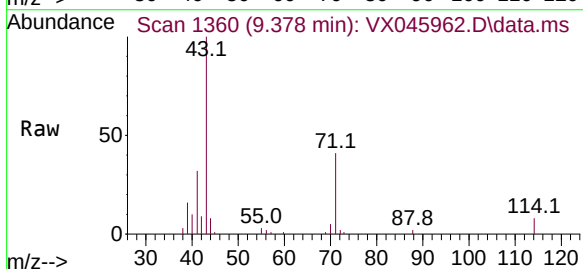
Instrument :
MSVOA_X
ClientSampleId :
COMP-1

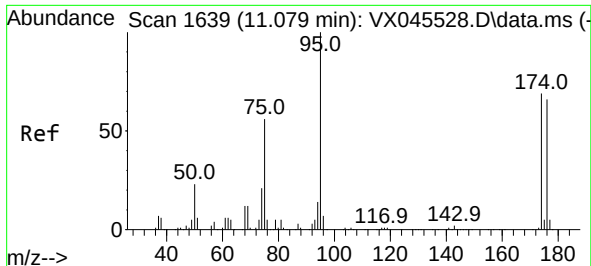
Tgt Ion: 76 Resp: 1465
Ion Ratio Lower Upper
76 100
78 0.0 26.0 39.0#



#59
2-Hexanone
Concen: 10.176 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.049 min
Lab File: VX045962.D
Acq: 28 Apr 2025 17:23

Tgt Ion: 43 Resp: 12023
Ion Ratio Lower Upper
43 100
58 0.0 24.9 74.6#

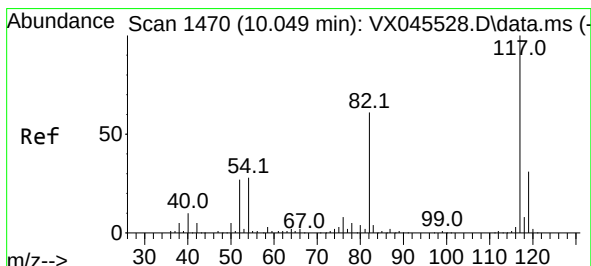
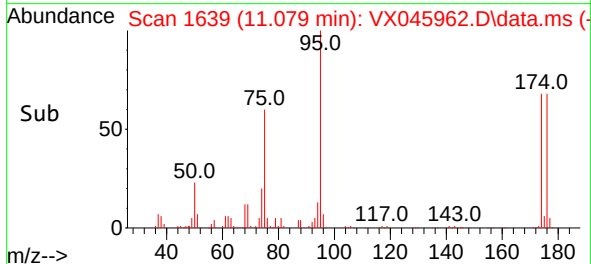
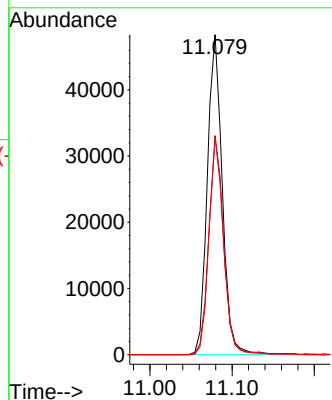
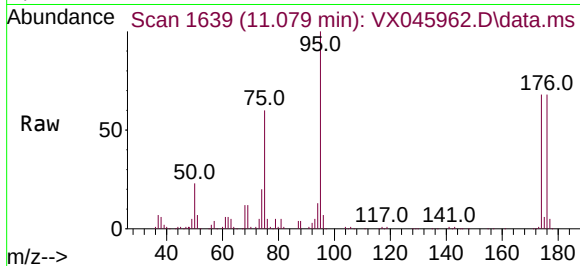




#62
4-Bromofluorobenzene
Concen: 51.417 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045962.D
Acq: 28 Apr 2025 17:23

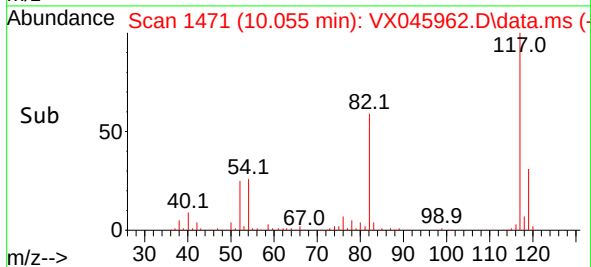
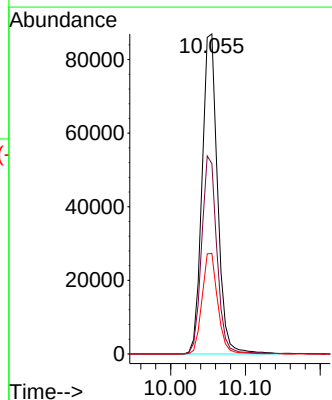
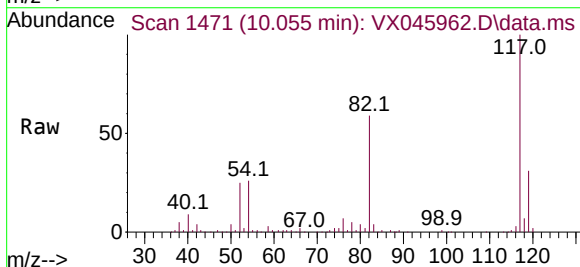
Instrument :
MSVOA_X
ClientSampleId :
COMP-1

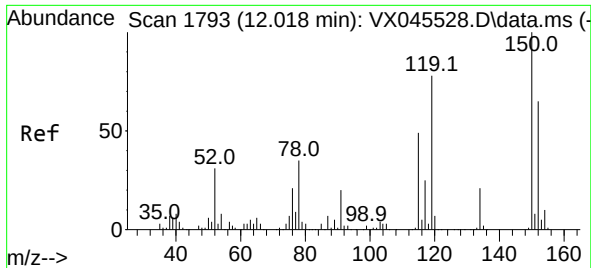
Tgt Ion: 95 Resp: 61005
Ion Ratio Lower Upper
95 100
174 67.9 0.0 135.8
176 66.1 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045962.D
Acq: 28 Apr 2025 17:23

Tgt Ion: 117 Resp: 125242
Ion Ratio Lower Upper
117 100
82 59.5 49.2 73.8
119 31.4 25.1 37.7

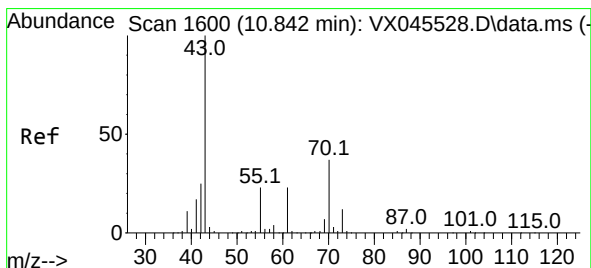
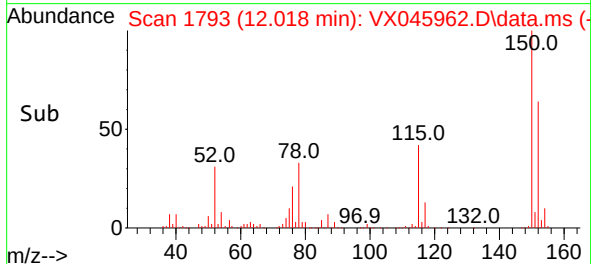
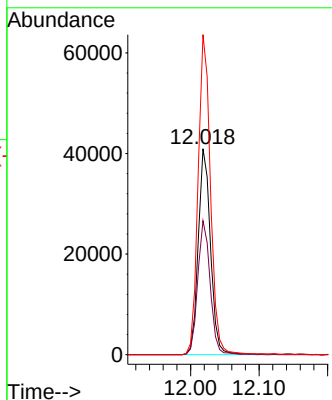
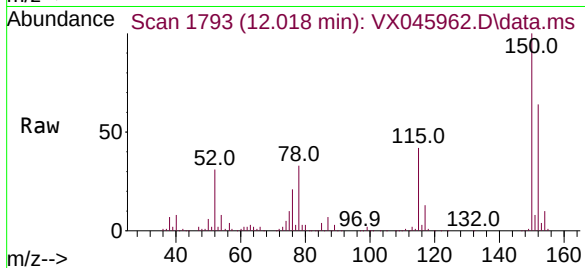




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045962.D
Acq: 28 Apr 2025 17:23

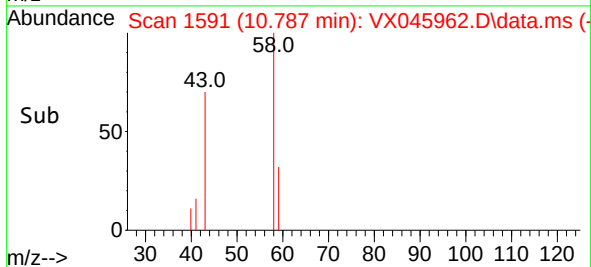
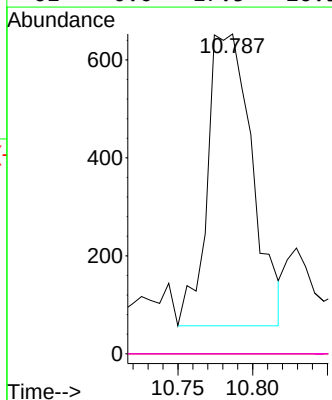
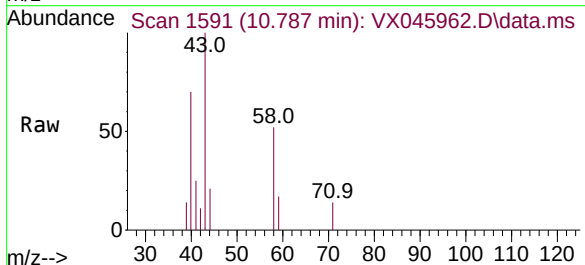
Instrument :
MSVOA_X
ClientSampleId :
COMP-1

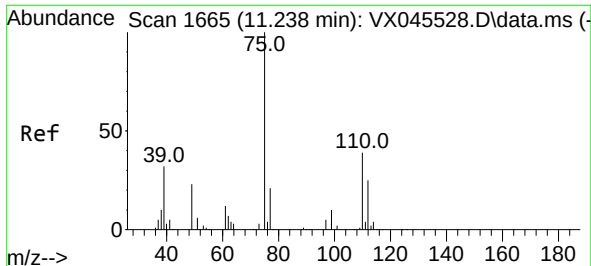
Tgt Ion:152 Resp: 51310
Ion Ratio Lower Upper
152 100
115 65.6 46.9 140.7
150 156.5 0.0 349.4



#74
N-ethyl acetate
Concen: 0.629 ug/l
RT: 10.787 min Scan# 1591
Delta R.T. -0.055 min
Lab File: VX045962.D
Acq: 28 Apr 2025 17:23

Tgt Ion: 43 Resp: 1236
Ion Ratio Lower Upper
43 100
70 0.0 30.1 45.1#
55 0.0 18.3 27.5#
61 0.0 17.5 26.3#

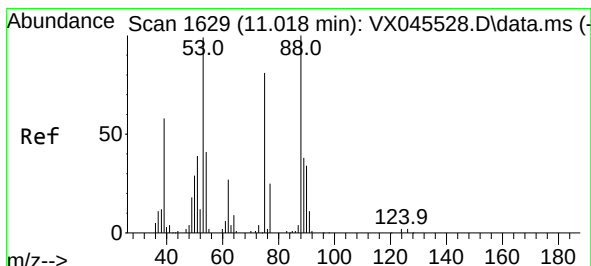
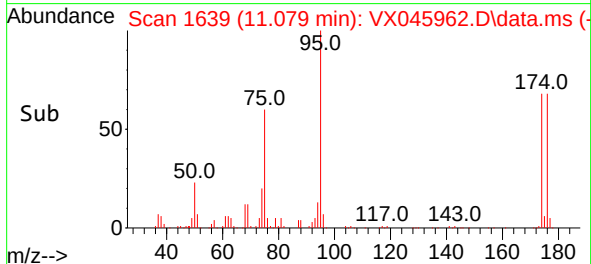
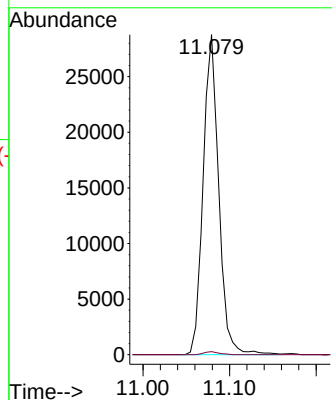
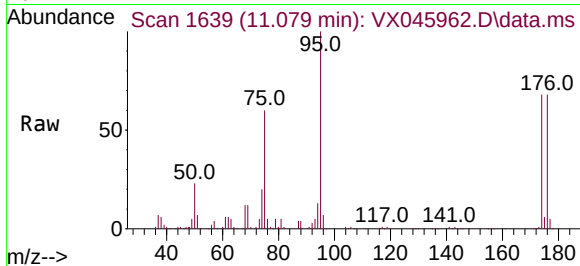




#76
1,2,3-Trichloropropane
Concen: 28.758 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045962.D
Acq: 28 Apr 2025 17:23

Instrument :
MSVOA_X
ClientSampleId :
COMP-1

Tgt Ion: 75 Resp: 35993
Ion Ratio Lower Upper
75 100
77 0.9 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.602 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045962.D
Acq: 28 Apr 2025 17:23

Tgt Ion: 75 Resp: 35993
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#

