

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051225\
 Data File : VX046135.D
 Acq On : 12 May 2025 13:59
 Operator : JC/MD
 Sample : Q1983-30
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-636-COMP-05

Quant Time: May 13 03:18:07 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)

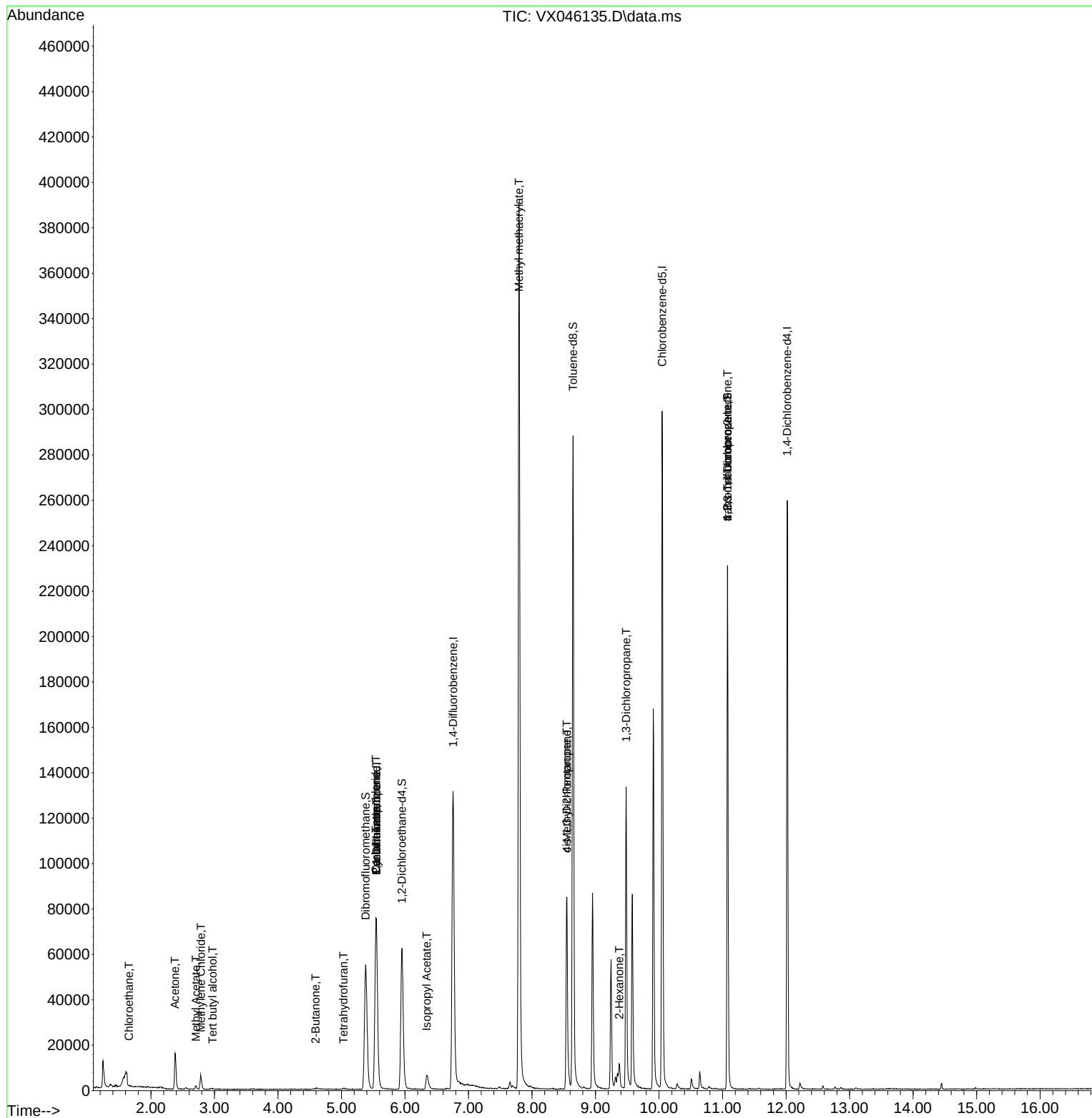
Internal Standards						
1) Pentafluorobenzene	5.550	168	63747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	128211	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	118969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64715	54.453	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	108.900%	
35) Dibromofluoromethane	5.379	113	47799	51.772	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	103.540%	
50) Toluene-d8	8.647	98	165076	51.659	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	103.320%	
62) 4-Bromofluorobenzene	11.079	95	59049	48.174	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	96.340%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.654	64	153	0.325	ug/l #	44
11) Tert butyl alcohol	2.971	59	399	2.392	ug/l #	72
16) Acetone	2.380	43	17679	37.101	ug/l	100
18) Methyl Acetate	2.709	43	1923	1.739	ug/l	94
20) Methylene Chloride	2.788	84	2490	2.727	ug/l	90
25) 2-Butanone	4.593	43	1399	2.022	ug/l #	80
29) Tetrahydrofuran	5.031	42	265	0.611	ug/l #	35
31) Cyclohexane	5.550	56	1934	1.366	ug/l #	10
36) 1,1-Dichloropropene	5.550	75	6760	5.449	ug/l #	52
38) Carbon Tetrachloride	5.544	117	7420	5.324	ug/l #	17
43) Isopropyl Acetate	6.342	43	10136	4.335	ug/l	99
48) Methyl methacrylate	7.793	41	39114	32.756	ug/l #	51
51) 4-Methyl-2-Pentanone	8.549	43	33411	21.528	ug/l #	52
54) cis-1,3-Dichloropropene	8.549	75	12482	9.053	ug/l #	66
57) 1,3-Dichloropropane	9.482	76	1176	0.745	ug/l #	42
59) 2-Hexanone	9.372	43	9623	8.381	ug/l #	28
76) 1,2,3-Trichloropropane	11.079	75	33487	28.603	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	33487	93.121	ug/l #	1

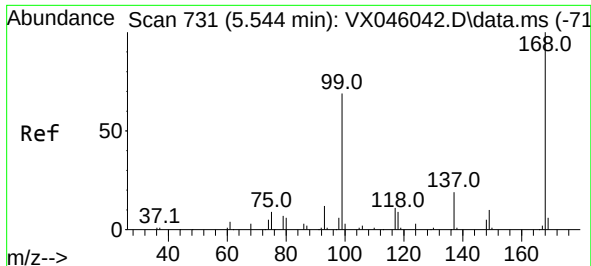
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051225\
Data File : VX046135.D
Acq On : 12 May 2025 13:59
Operator : JC/MD
Sample : Q1983-30
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OR-636-COMP-05

Quant Time: May 13 03:18:07 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

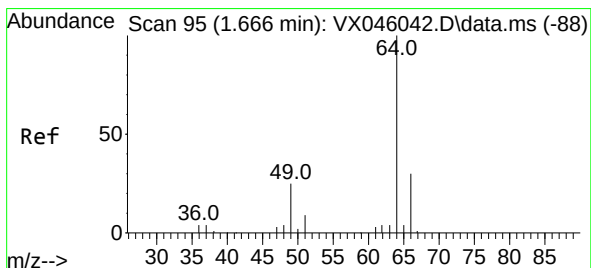
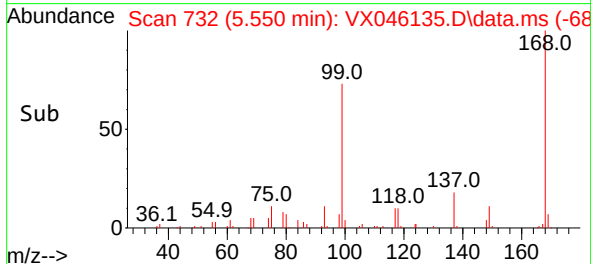
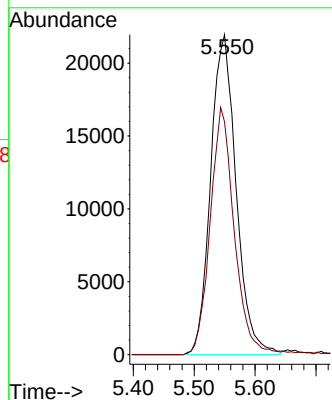
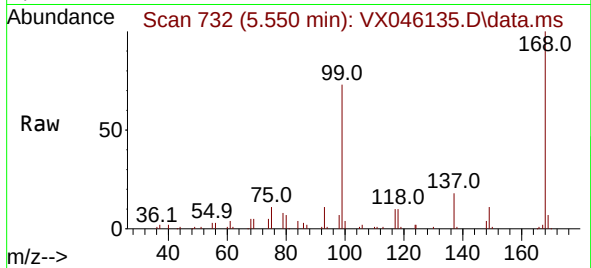




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046135.D
Acq: 12 May 2025 13:59

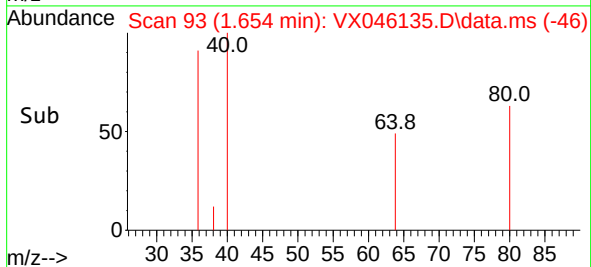
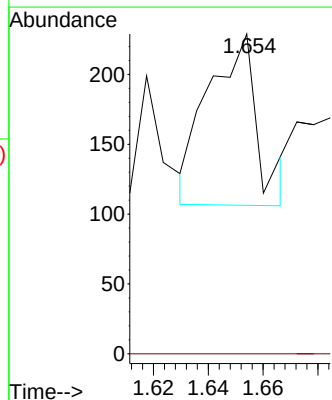
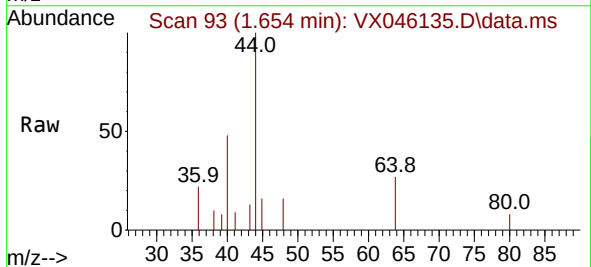
Instrument :
MSVOA_X
ClientSampleId :
OR-636-COMP-05

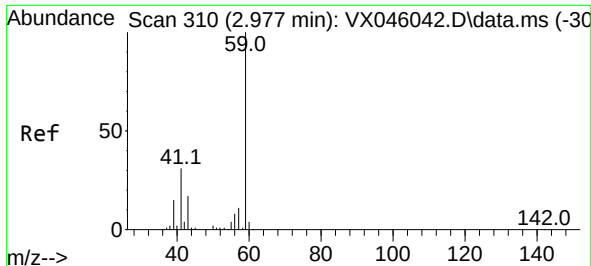
Tgt Ion:168 Resp: 63747
Ion Ratio Lower Upper
168 100
99 72.8 54.9 82.3



#6
Chloroethane
Concen: 0.325 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.012 min
Lab File: VX046135.D
Acq: 12 May 2025 13:59

Tgt Ion: 64 Resp: 153
Ion Ratio Lower Upper
64 100
66 0.0 24.3 36.5#

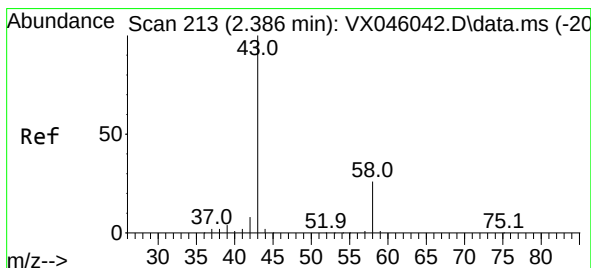
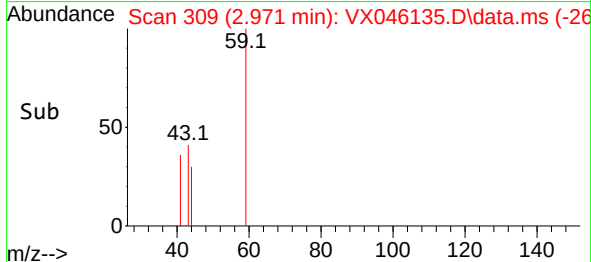
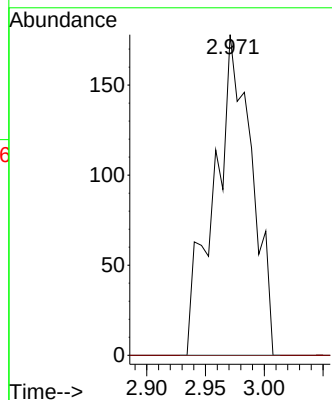
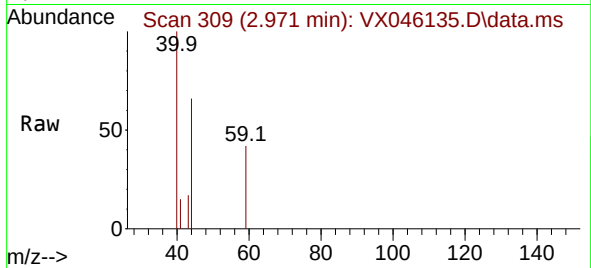




#11
Tert butyl alcohol
Concen: 2.392 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX046135.D
Acq: 12 May 2025 13:59

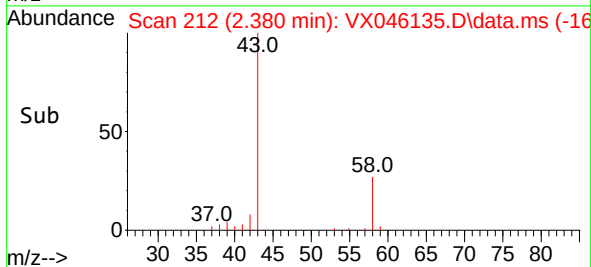
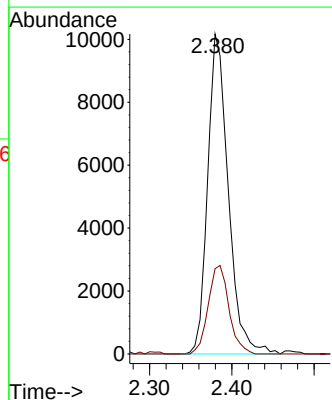
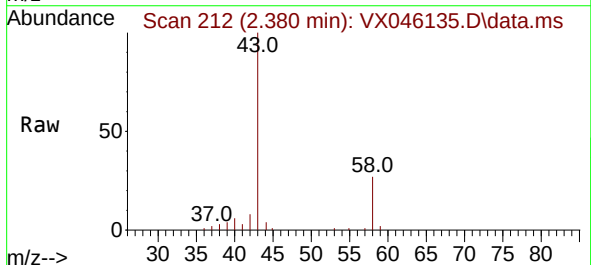
Instrument :
MSVOA_X
ClientSampleId :
OR-636-COMP-05

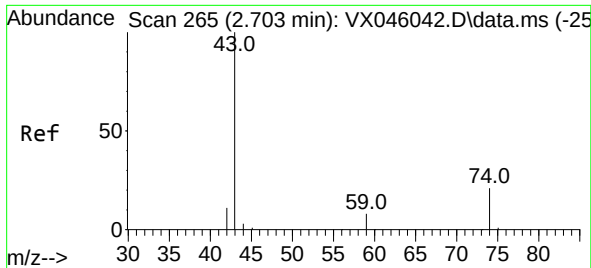
Tgt Ion: 59 Resp: 399
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 37.101 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046135.D
Acq: 12 May 2025 13:59

Tgt Ion: 43 Resp: 17679
Ion Ratio Lower Upper
43 100
58 26.7 21.2 31.8

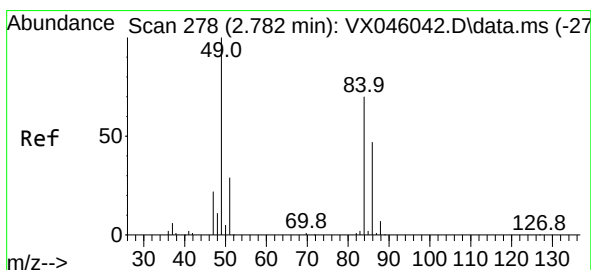
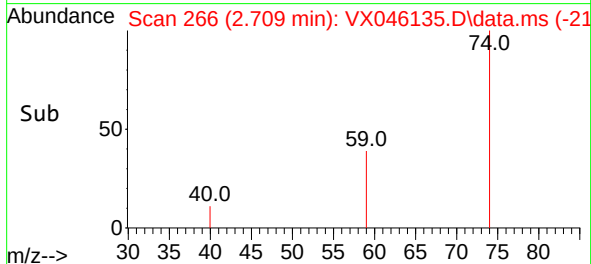
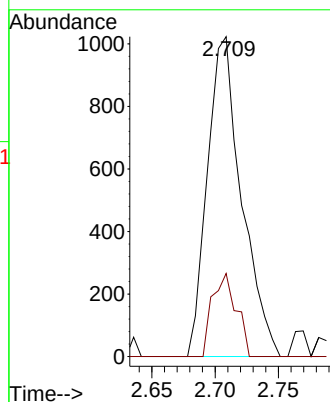
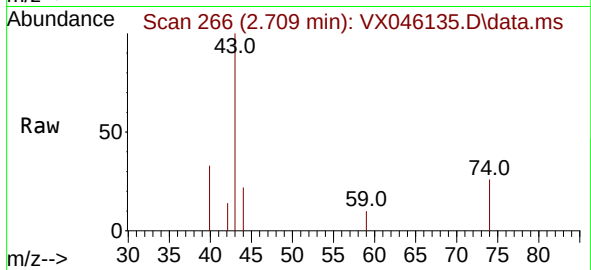




#18
Methyl Acetate
Concen: 1.739 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX046135.D
Acq: 12 May 2025 13:59

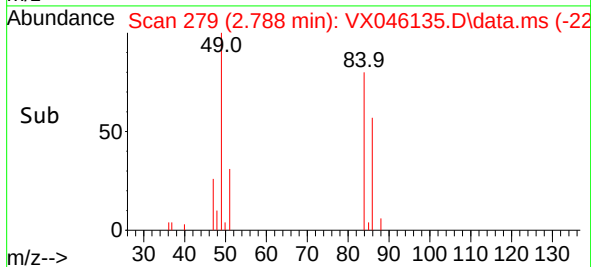
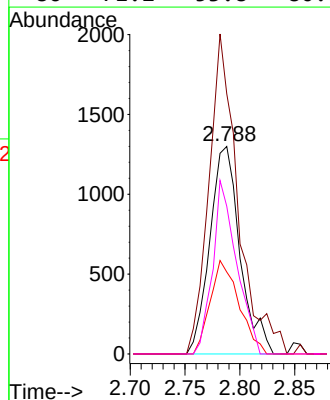
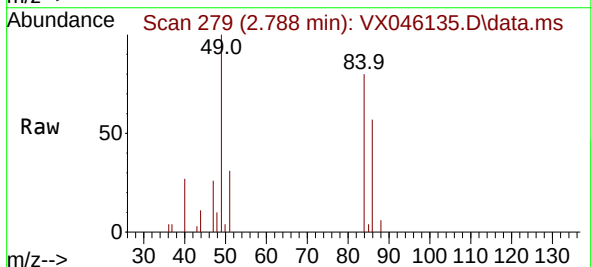
Instrument :
MSVOA_X
ClientSampleId :
OR-636-COMP-05

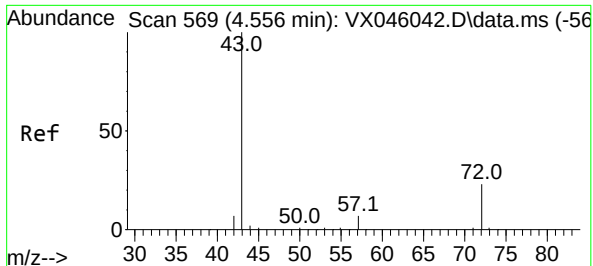
Tgt Ion: 43 Resp: 1923
Ion Ratio Lower Upper
43 100
74 18.2 16.7 25.1



#20
Methylene Chloride
Concen: 2.727 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX046135.D
Acq: 12 May 2025 13:59

Tgt Ion: 84 Resp: 2490
Ion Ratio Lower Upper
84 100
49 125.3 113.9 170.9
51 39.5 33.5 50.3
86 71.2 53.8 80.8

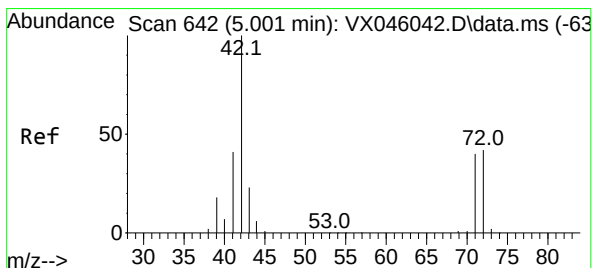
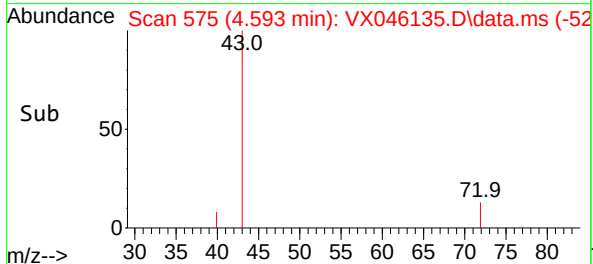
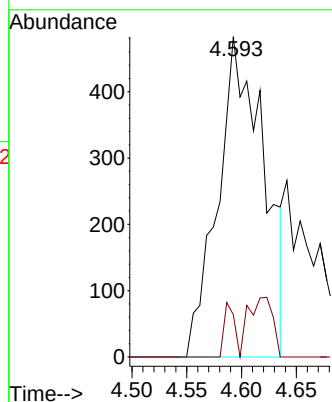
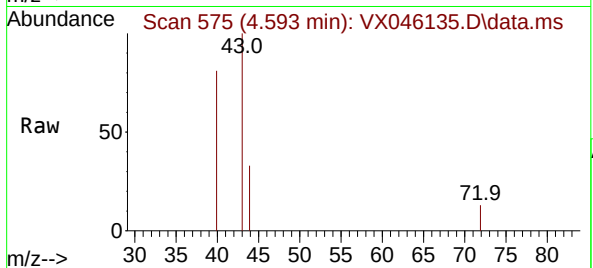




#25
2-Butanone
Concen: 2.022 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.036 min
Lab File: VX046135.D
Acq: 12 May 2025 13:59

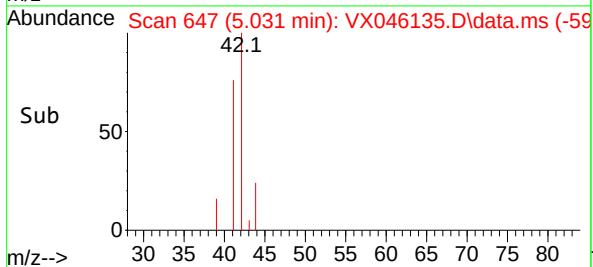
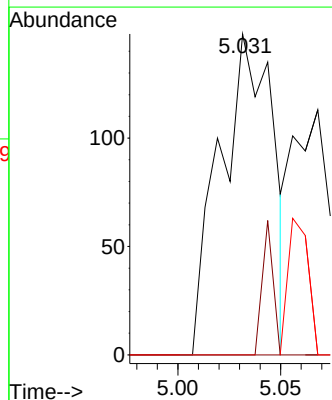
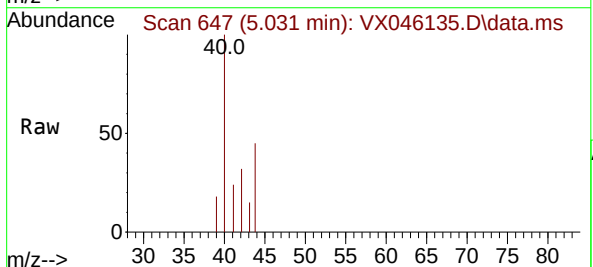
Instrument :
MSVOA_X
ClientSampleId :
OR-636-COMP-05

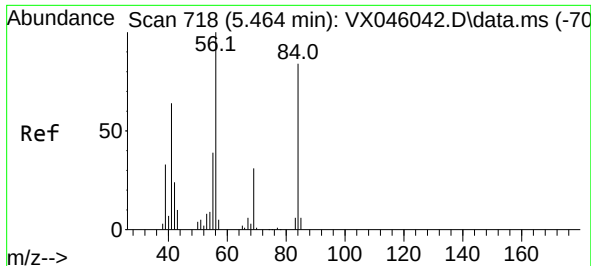
Tgt Ion: 43 Resp: 1399
Ion Ratio Lower Upper
43 100
72 13.3 18.4 27.6#



#29
Tetrahydrofuran
Concen: 0.611 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.030 min
Lab File: VX046135.D
Acq: 12 May 2025 13:59

Tgt Ion: 42 Resp: 265
Ion Ratio Lower Upper
42 100
72 0.0 33.7 50.5#
71 0.0 31.4 47.2#

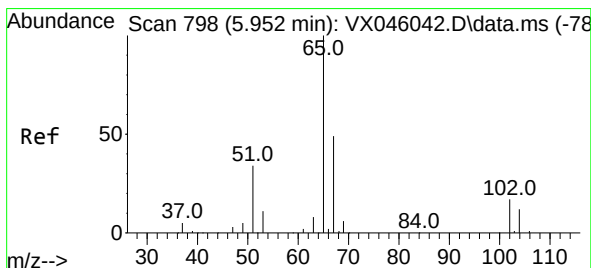
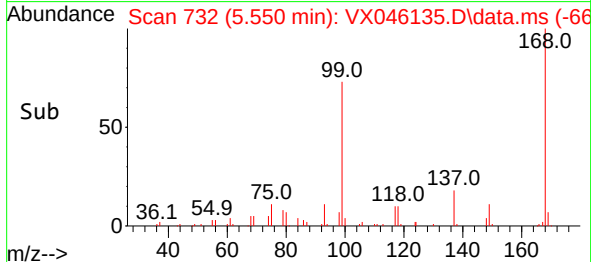
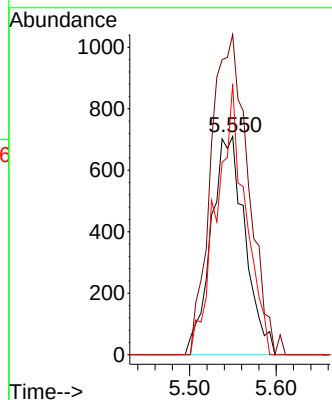
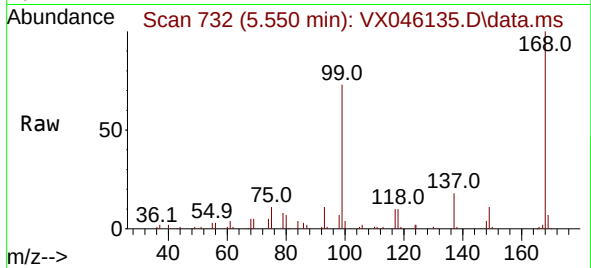




#31
Cyclohexane
Concen: 1.366 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX046135.D
Acq: 12 May 2025 13:59

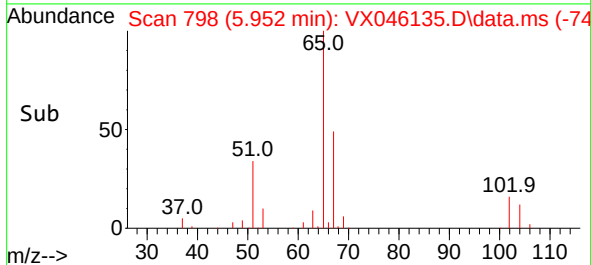
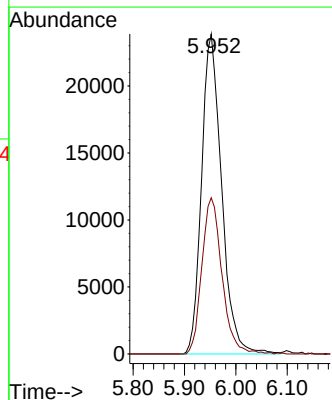
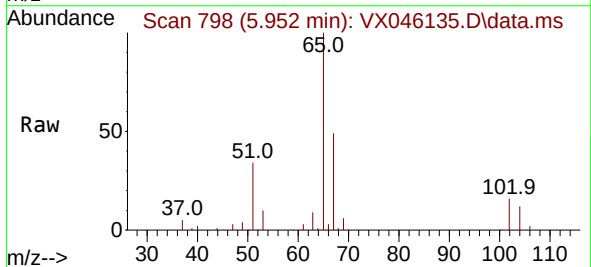
Instrument :
MSVOA_X
ClientSampleId :
OR-636-COMP-05

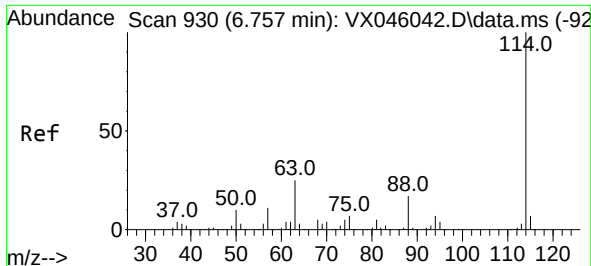
Tgt Ion: 56 Resp: 1934
Ion Ratio Lower Upper
56 100
69 146.6 24.4 36.6#
84 124.1 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 54.453 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046135.D
Acq: 12 May 2025 13:59

Tgt Ion: 65 Resp: 64715
Ion Ratio Lower Upper
65 100
67 49.0 0.0 99.0

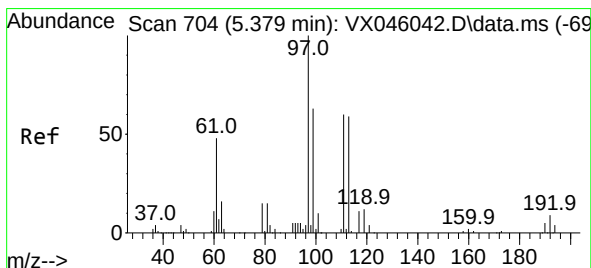
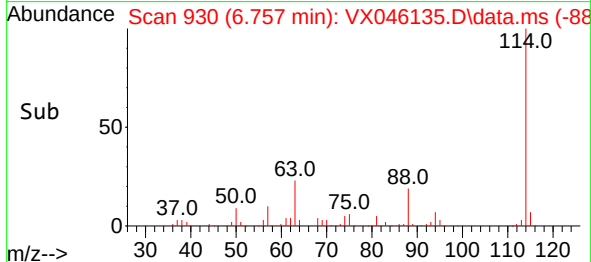
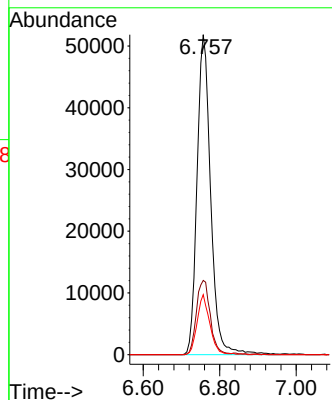
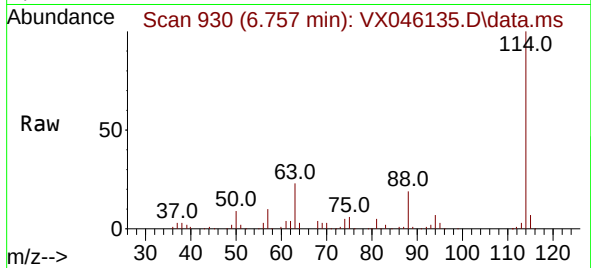




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046135.D
Acq: 12 May 2025 13:59

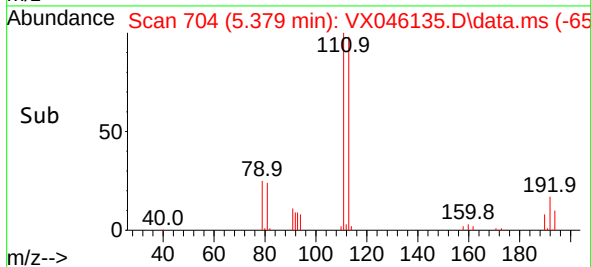
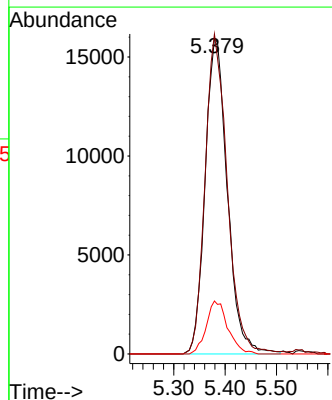
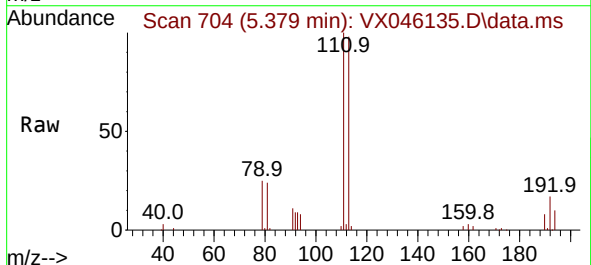
Instrument :
MSVOA_X
ClientSampleId :
OR-636-COMP-05

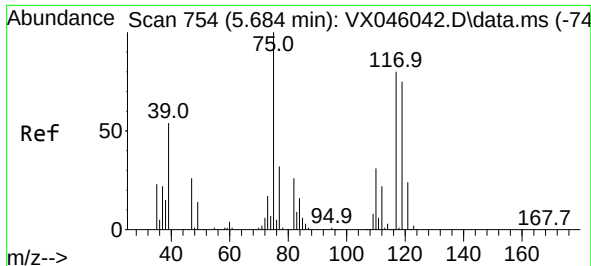
Tgt Ion:114 Resp: 128211
Ion Ratio Lower Upper
114 100
63 23.2 0.0 49.2
88 18.7 0.0 33.6



#35
Dibromofluoromethane
Concen: 51.772 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046135.D
Acq: 12 May 2025 13:59

Tgt Ion:113 Resp: 47799
Ion Ratio Lower Upper
113 100
111 101.7 83.1 124.7
192 16.3 13.3 19.9

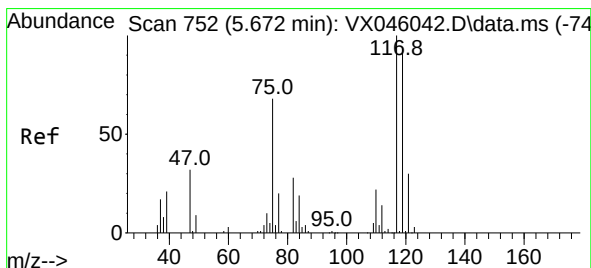
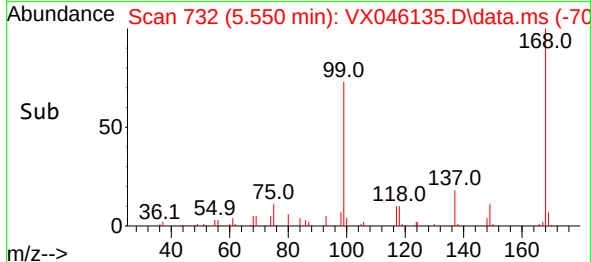
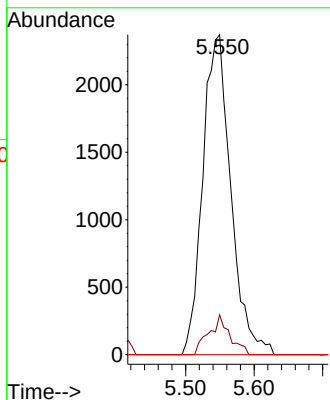
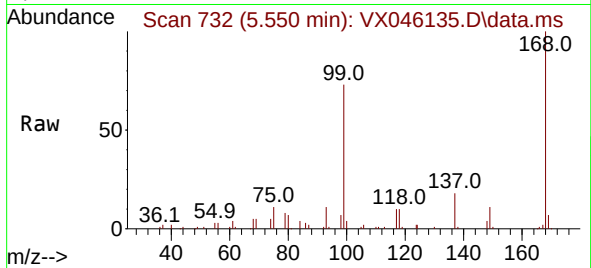




#36
1,1-Dichloropropene
Concen: 5.449 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX046135.D
Acq: 12 May 2025 13:59

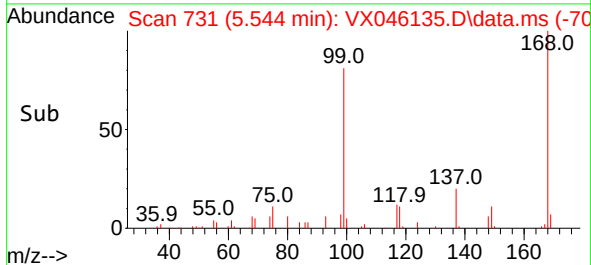
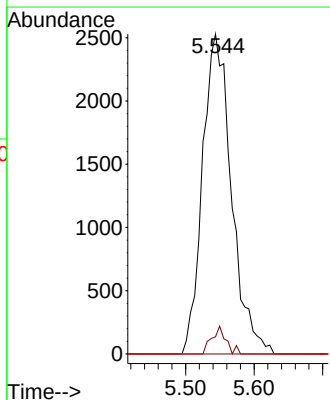
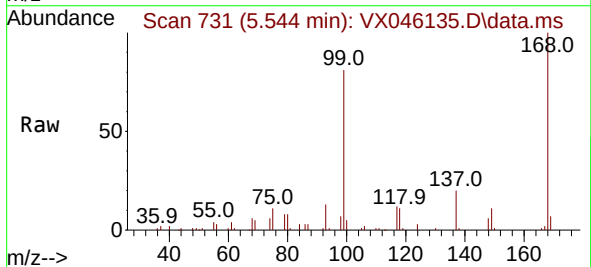
Instrument :
MSVOA_X
ClientSampleId :
OR-636-COMP-05

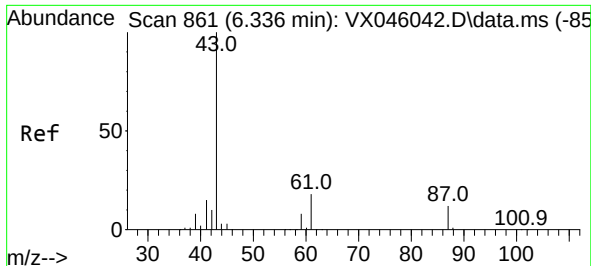
Tgt Ion: 75 Resp: 6760
Ion Ratio Lower Upper
75 100
110 9.2 16.3 48.9#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.324 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX046135.D
Acq: 12 May 2025 13:59

Tgt Ion: 117 Resp: 7420
Ion Ratio Lower Upper
117 100
119 5.3 75.2 112.8#
121 0.0 24.2 36.4#

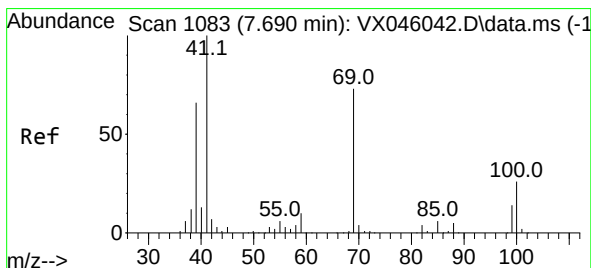
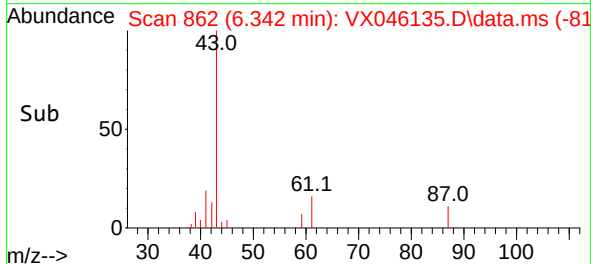
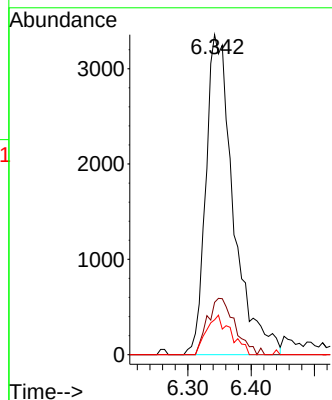
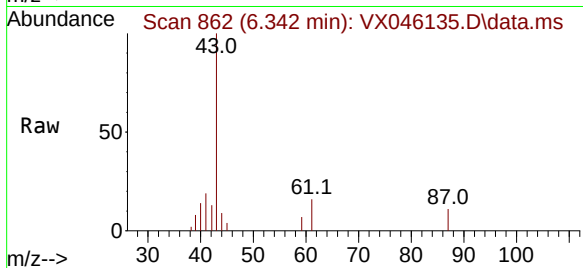




#43
Isopropyl Acetate
Concen: 4.335 ug/l
RT: 6.342 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX046135.D
Acq: 12 May 2025 13:59

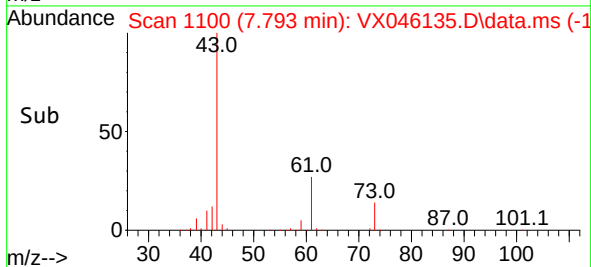
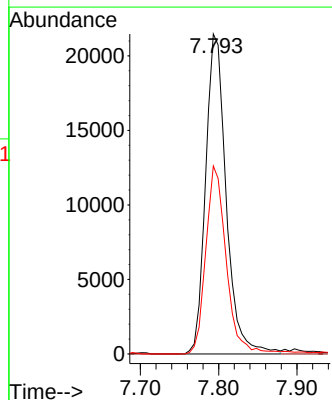
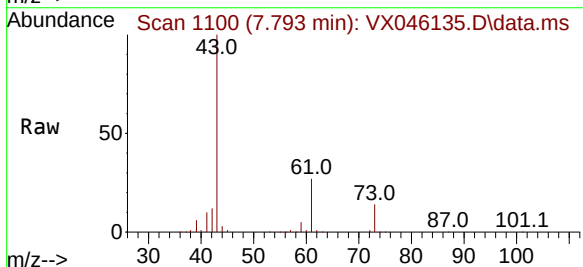
Instrument :
MSVOA_X
ClientSampleId :
OR-636-COMP-05

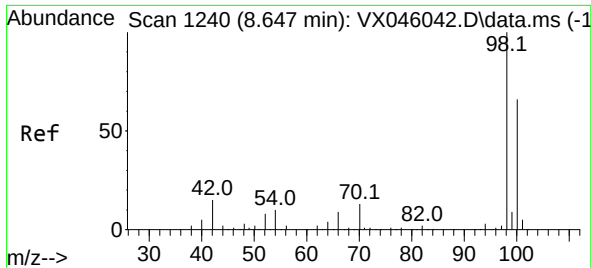
Tgt Ion: 43 Resp: 10136
Ion Ratio Lower Upper
43 100
61 17.6 14.3 21.5
87 11.0 9.5 14.3



#48
Methyl methacrylate
Concen: 32.756 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.103 min
Lab File: VX046135.D
Acq: 12 May 2025 13:59

Tgt Ion: 41 Resp: 39114
Ion Ratio Lower Upper
41 100
69 0.0 58.5 87.7#
39 59.2 51.7 77.5

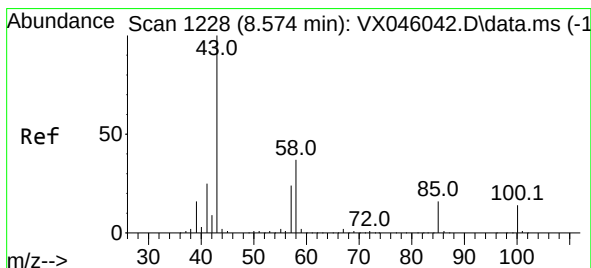
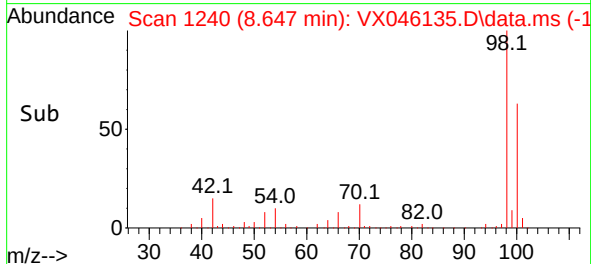
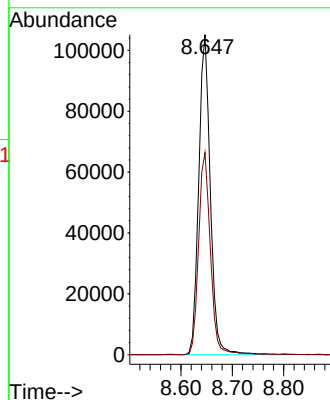
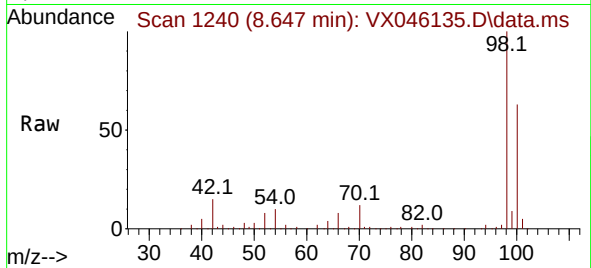




#50
Toluene-d8
Concen: 51.659 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046135.D
Acq: 12 May 2025 13:59

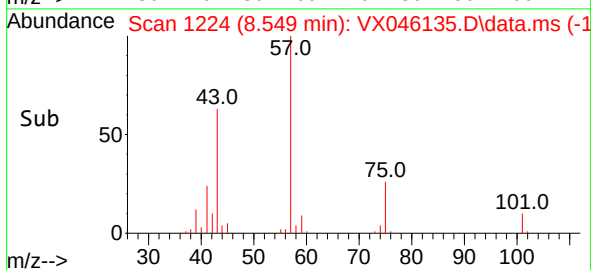
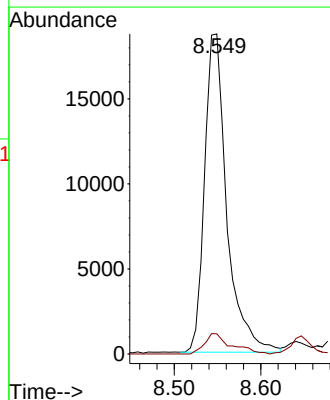
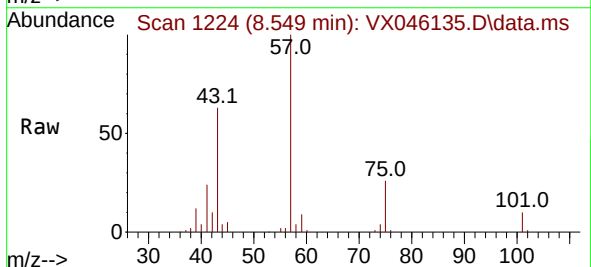
Instrument :
MSVOA_X
ClientSampleId :
OR-636-COMP-05

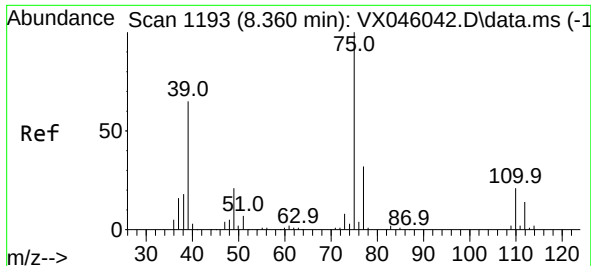
Tgt Ion: 98 Resp: 165076
Ion Ratio Lower Upper
98 100
100 64.2 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 21.528 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.025 min
Lab File: VX046135.D
Acq: 12 May 2025 13:59

Tgt Ion: 43 Resp: 33411
Ion Ratio Lower Upper
43 100
58 7.6 28.9 43.3#

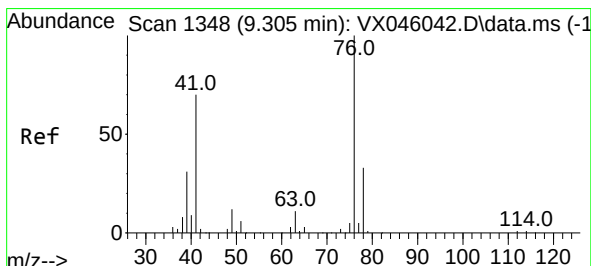
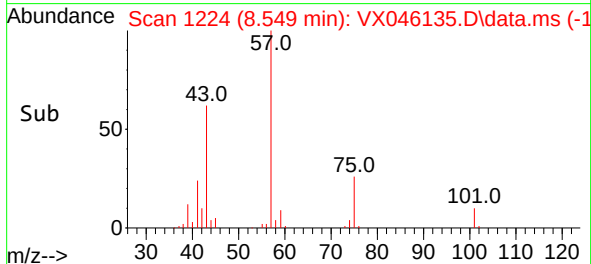
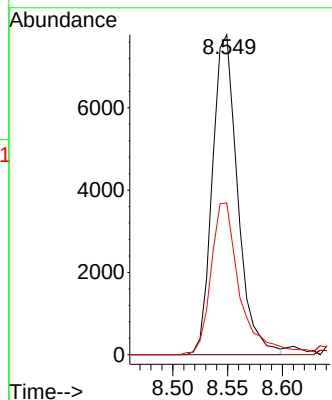
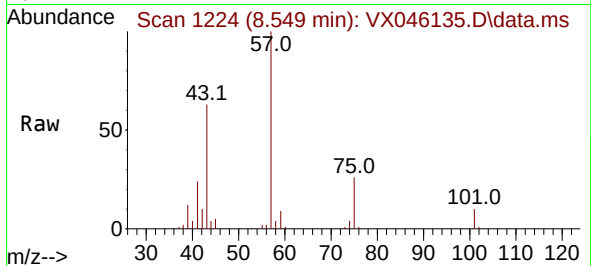




#54
 cis-1,3-Dichloropropene
 Concen: 9.053 ug/l
 RT: 8.549 min Scan# 1193
 Delta R.T. 0.189 min
 Lab File: VX046135.D
 Acq: 12 May 2025 13:59

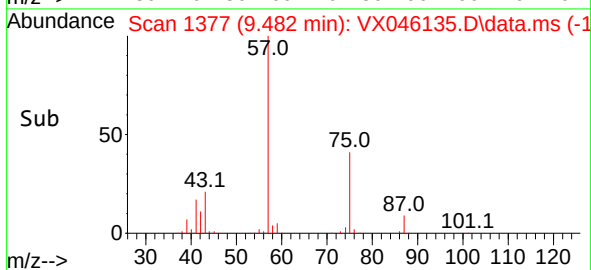
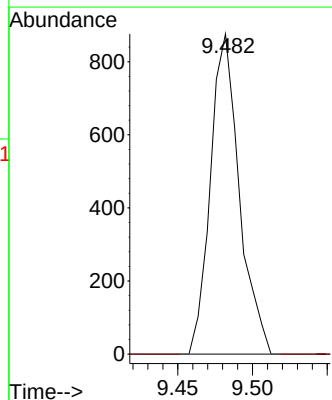
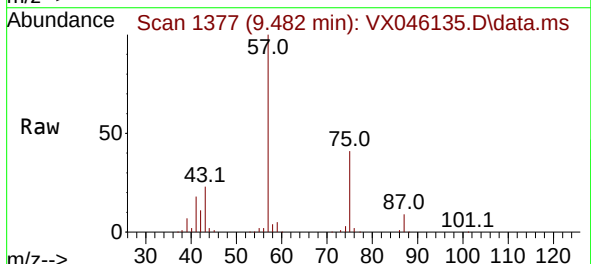
Instrument :
 MSVOA_X
 ClientSampleId :
 OR-636-COMP-05

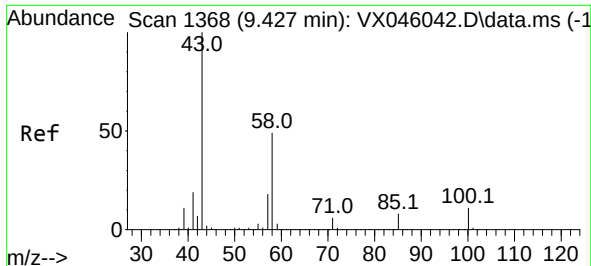
Tgt Ion: 75 Resp: 12482
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.0#
 39 47.5 52.2 78.4#



#57
 1,3-Dichloropropane
 Concen: 0.745 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.177 min
 Lab File: VX046135.D
 Acq: 12 May 2025 13:59

Tgt Ion: 76 Resp: 1176
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.3 39.5#

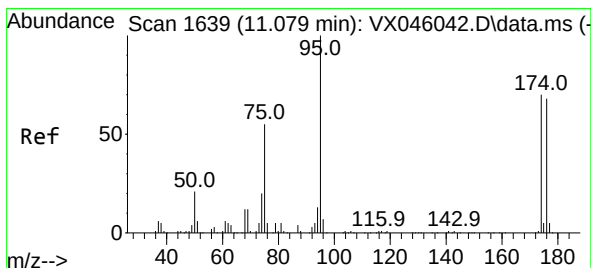
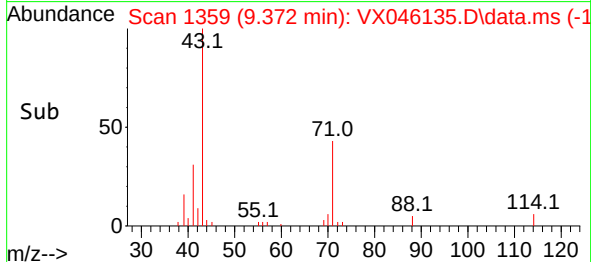
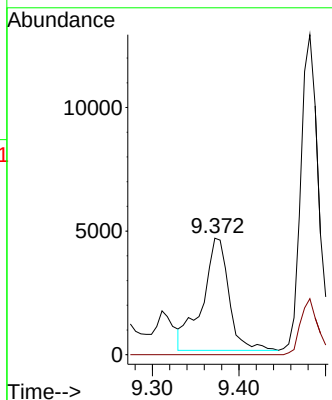
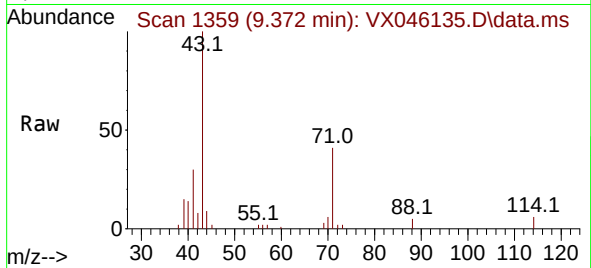




#59
2-Hexanone
Concen: 8.381 ug/l
RT: 9.372 min Scan# 11
Delta R.T. -0.055 min
Lab File: VX046135.D
Acq: 12 May 2025 13:59

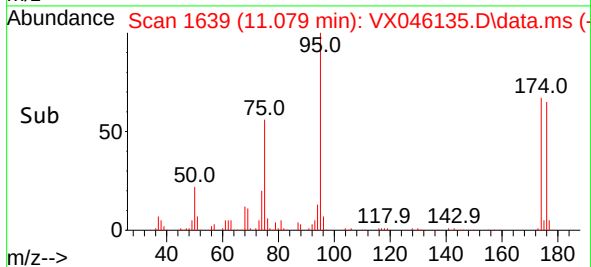
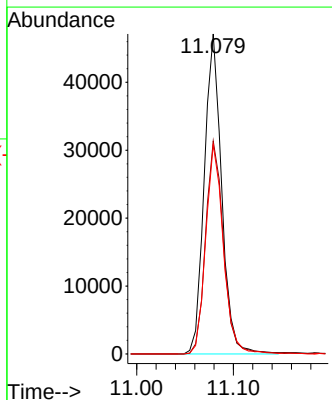
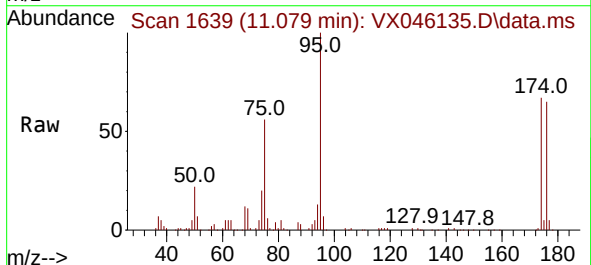
Instrument :
MSVOA_X
ClientSampleId :
OR-636-COMP-05

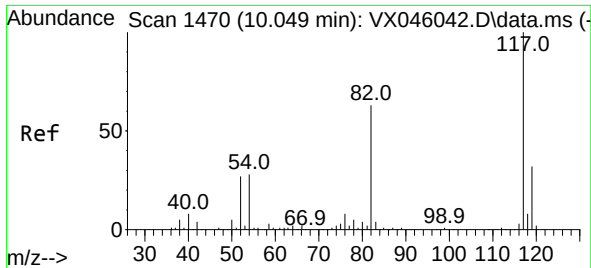
Tgt Ion: 43 Resp: 9623
Ion Ratio Lower Upper
43 100
58 0.0 24.9 74.6#



#62
4-Bromofluorobenzene
Concen: 48.174 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046135.D
Acq: 12 May 2025 13:59

Tgt Ion: 95 Resp: 59049
Ion Ratio Lower Upper
95 100
174 68.7 0.0 135.8
176 66.3 0.0 131.4

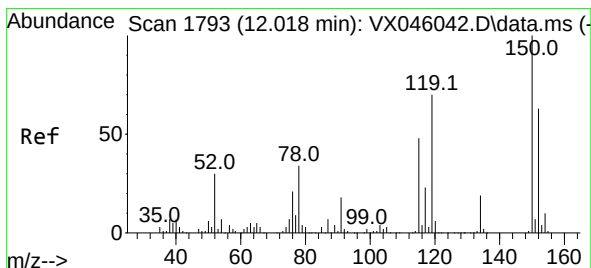
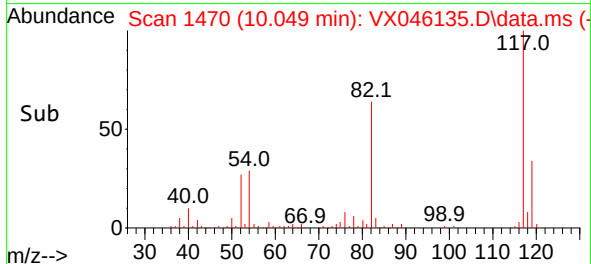
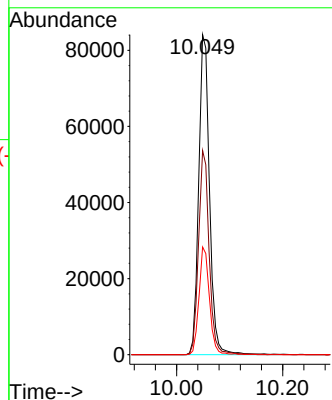
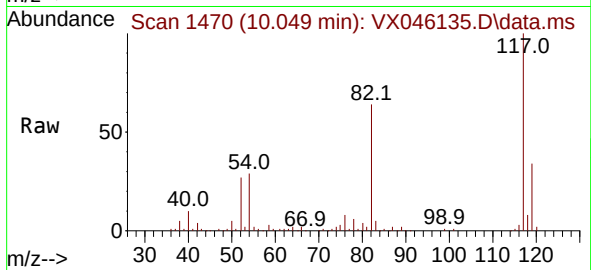




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046135.D
Acq: 12 May 2025 13:59

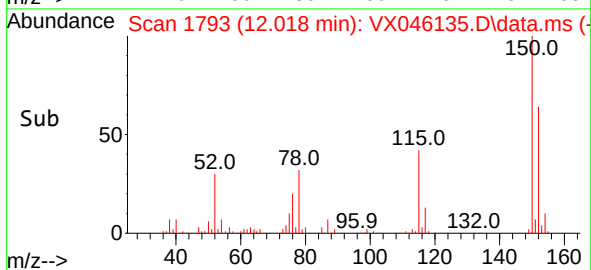
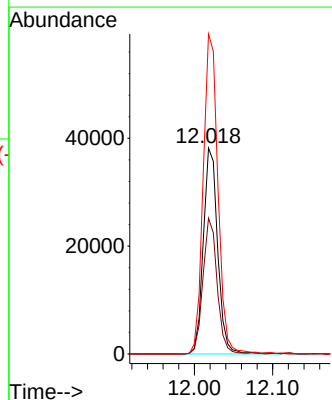
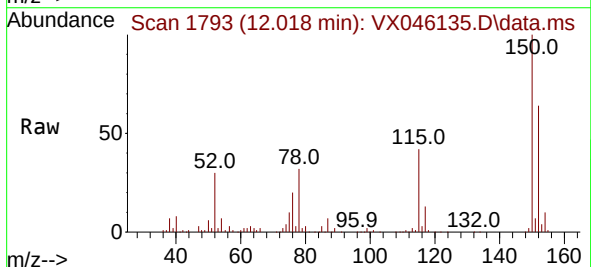
Instrument :
MSVOA_X
ClientSampleId :
OR-636-COMP-05

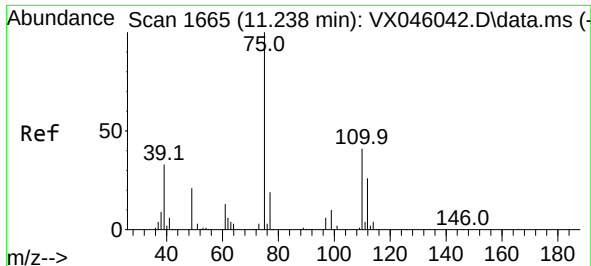
Tgt Ion:117 Resp: 118969
Ion Ratio Lower Upper
117 100
82 63.8 50.6 76.0
119 33.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046135.D
Acq: 12 May 2025 13:59

Tgt Ion:152 Resp: 48639
Ion Ratio Lower Upper
152 100
115 65.3 46.9 140.7
150 159.7 0.0 351.0

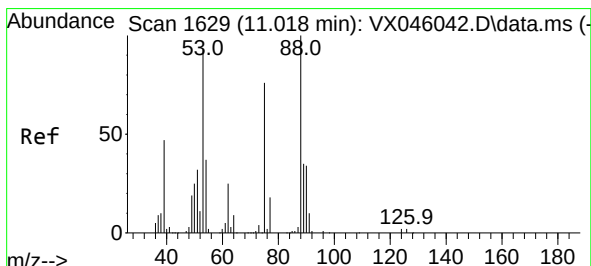
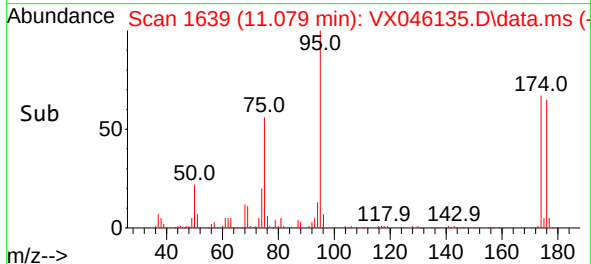
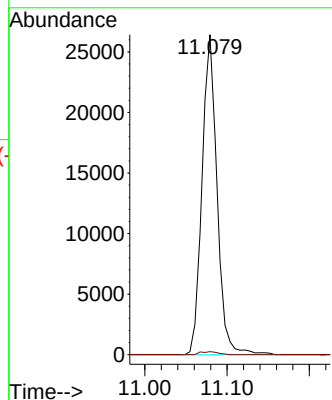
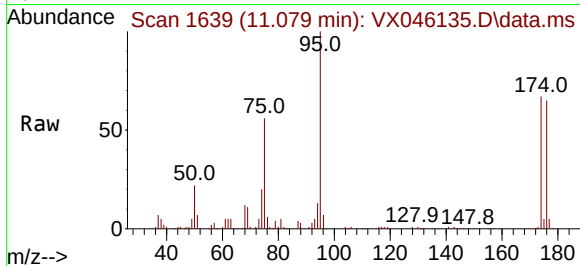




#76
1,2,3-Trichloropropane
Concen: 28.603 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046135.D
Acq: 12 May 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
OR-636-COMP-05

Tgt Ion: 75 Resp: 33487
Ion Ratio Lower Upper
75 100
77 1.1 20.5 61.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.121 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046135.D
Acq: 12 May 2025 13:59

Tgt Ion: 75 Resp: 33487
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#

