

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090624\
 Data File : VD079800.D
 Acq On : 06 Sep 2024 16:01
 Operator : RP/MD
 Sample : P3587-03
 Misc : 6.36G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-C1-GRAB

Quant Time: Sep 06 23:59:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 15:57:30 2024
 Response via : Initial Calibration

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

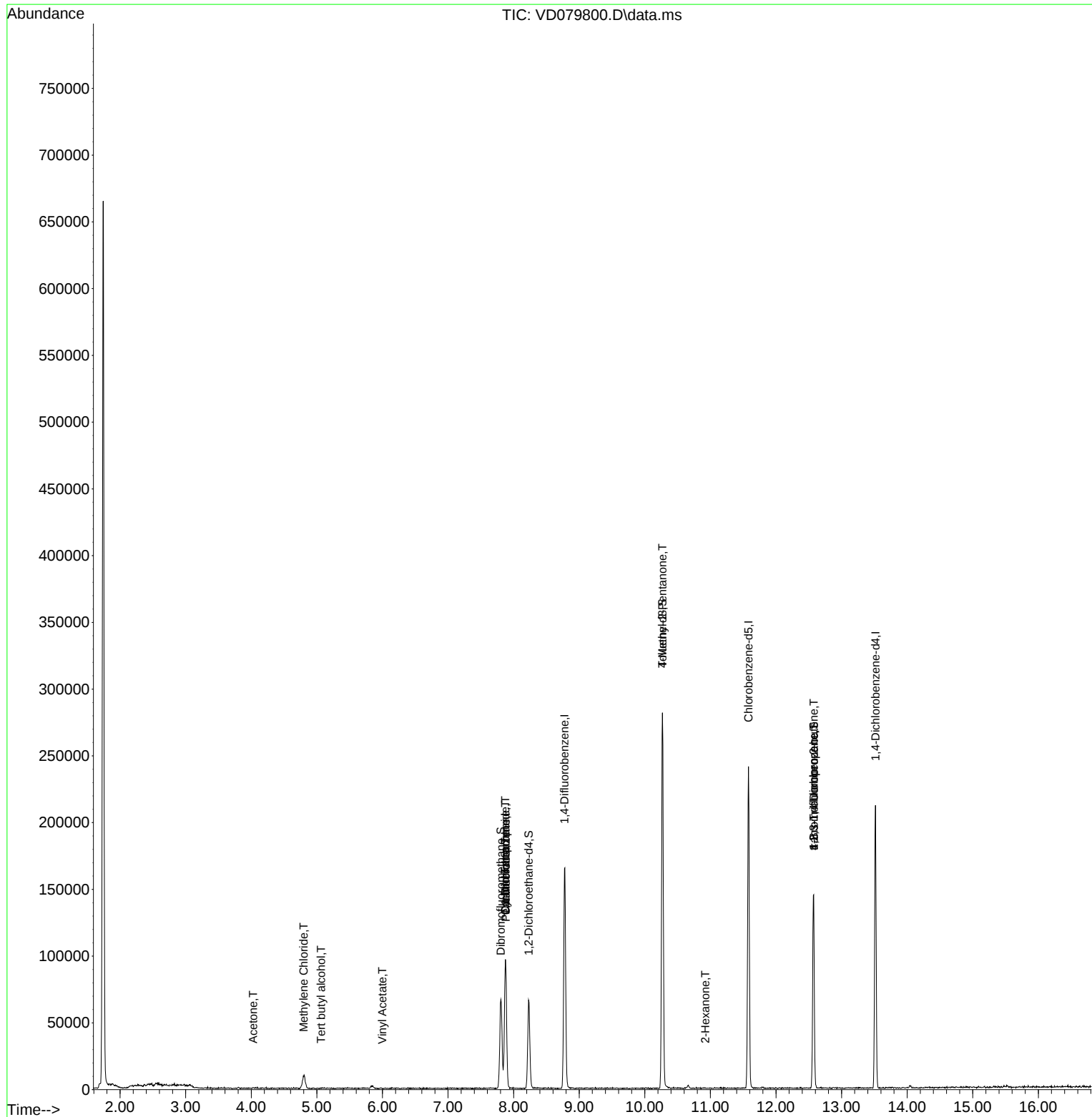
Internal Standards						
1) Pentafluorobenzene	7.881	168	65604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	142623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	132685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	52512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	51366	57.424	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.840%			
35) Dibromofluoromethane	7.805	113	48968	52.822	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.640%			
50) Toluene-d8	10.269	98	197349	49.637	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.280%			
62) 4-Bromofluorobenzene	12.575	95	46959	42.211	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 84.420%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.064	59	59	1.337	ug/l #	86
16) Acetone	4.028	43	587	3.162	ug/l #	37
20) Methylene Chloride	4.799	84	7393	4.261	ug/l	91
23) Vinyl Acetate	5.999	43	74	2.560	ug/l #	63
31) Cyclohexane	7.875	56	1949	1.303	ug/l #	47
36) 1,1-Dichloropropene	7.875	75	6471	4.709	ug/l #	45
38) Carbon Tetrachloride	7.875	117	7774	5.305	ug/l #	13
51) 4-Methyl-2-Pentanone	10.269	43	951	1.607	ug/l #	1
59) 2-Hexanone	10.922	43	56	20.345	ug/l #	19
76) 1,2,3-Trichloropropane	12.575	75	24838	55.341	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	24838	92.303	ug/l #	19

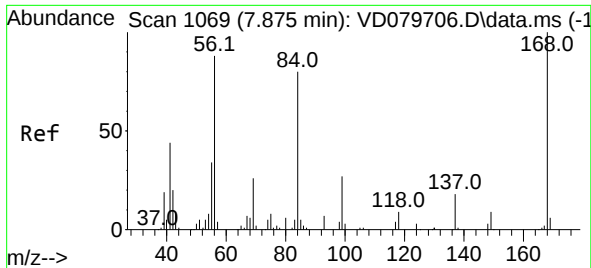
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090624\
Data File : VD079800.D
Acq On : 06 Sep 2024 16:01
Operator : RP/MD
Sample : P3587-03
Misc : 6.36G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-C1-GRAB

Quant Time: Sep 06 23:59:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 15:57:30 2024
Response via : Initial Calibration

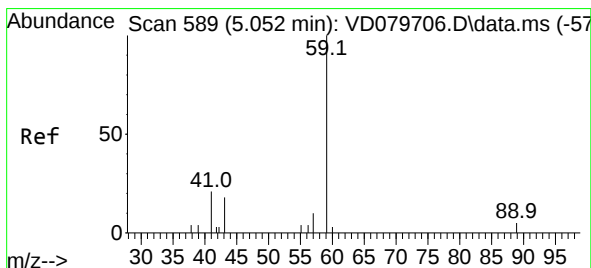
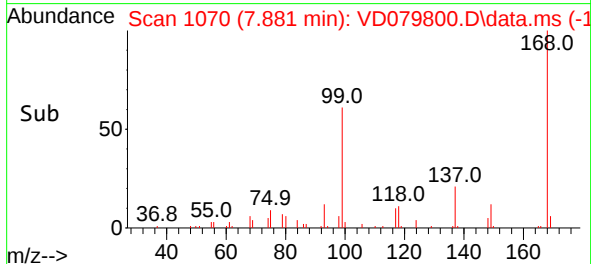
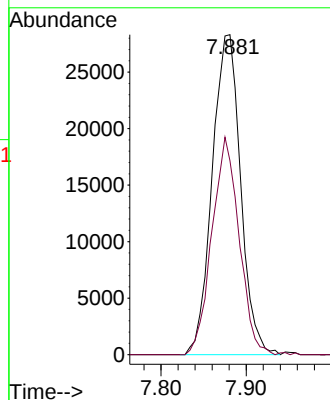
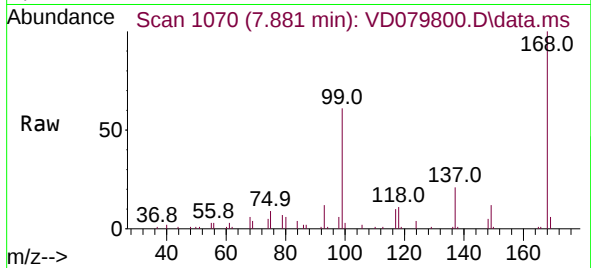




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD079800.D
Acq: 06 Sep 2024 16:01

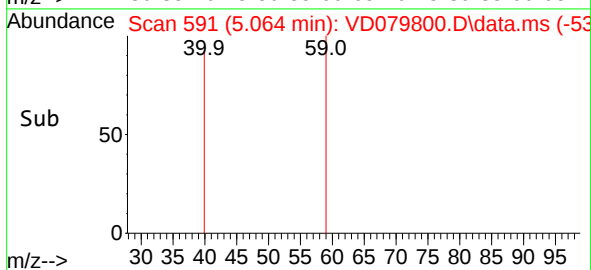
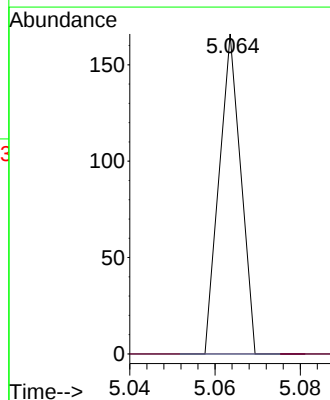
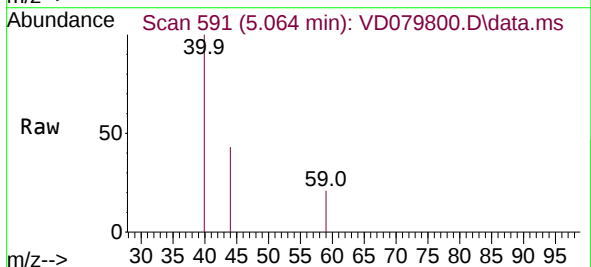
Instrument :
MSVOA_D
ClientSampleId :
WC-C1-GRAB

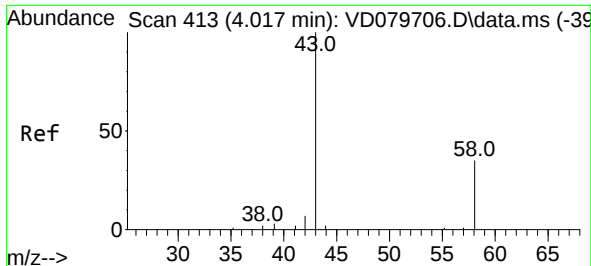
Tgt Ion:168 Resp: 65604
Ion Ratio Lower Upper
168 100
99 60.6 41.1 61.7



#11
Tert butyl alcohol
Concen: 1.337 ug/l
RT: 5.064 min Scan# 591
Delta R.T. 0.012 min
Lab File: VD079800.D
Acq: 06 Sep 2024 16:01

Tgt Ion: 59 Resp: 59
Ion Ratio Lower Upper
59 100
57 0.0 3.6 5.4#

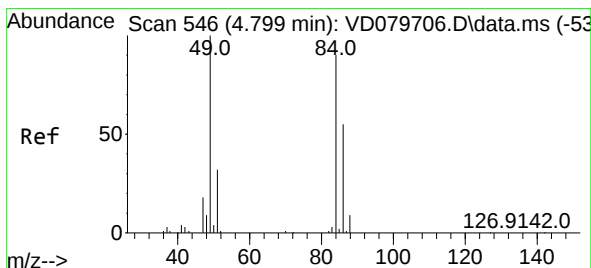
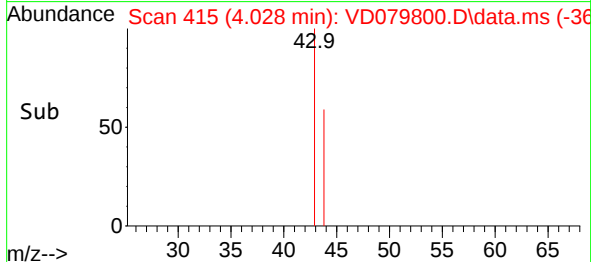
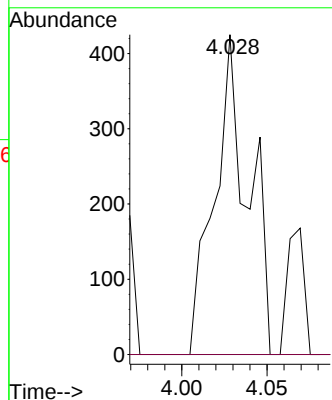
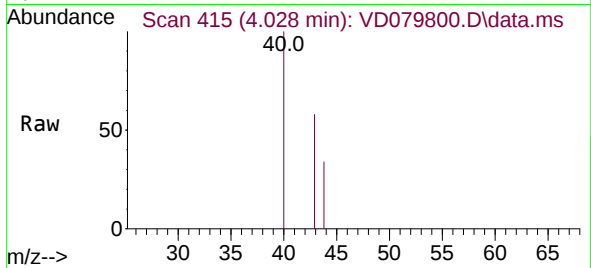




#16
Acetone
Concen: 3.162 ug/l
RT: 4.028 min Scan# 413
Delta R.T. 0.011 min
Lab File: VD079800.D
Acq: 06 Sep 2024 16:01

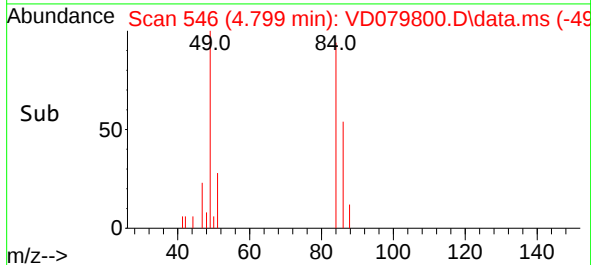
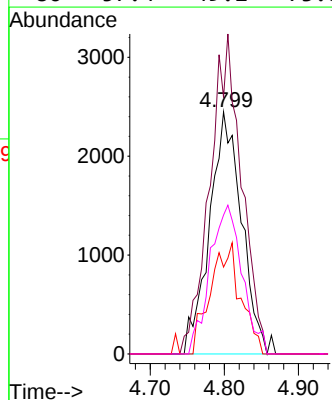
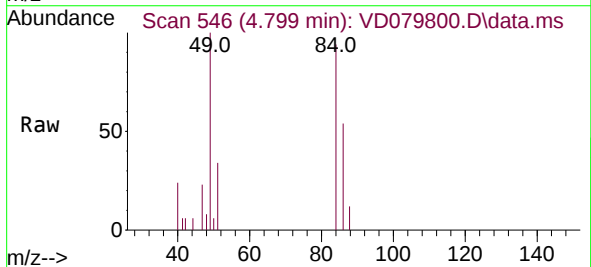
Instrument :
MSVOA_D
ClientSampleId :
WC-C1-GRAB

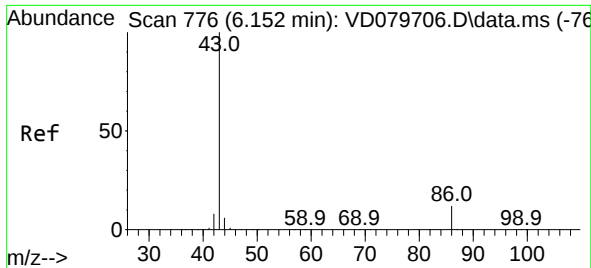
Tgt Ion: 43 Resp: 587
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#



#20
Methylene Chloride
Concen: 4.261 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079800.D
Acq: 06 Sep 2024 16:01

Tgt Ion: 84 Resp: 7393
Ion Ratio Lower Upper
84 100
49 106.0 75.6 113.4
51 35.9 24.2 36.2
86 57.4 49.2 73.8

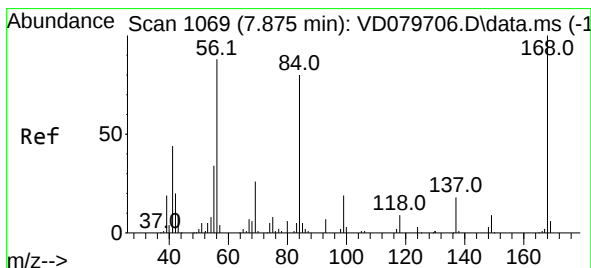
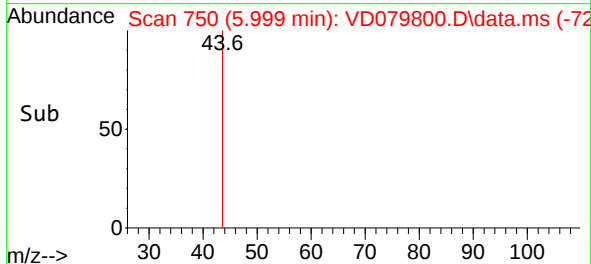
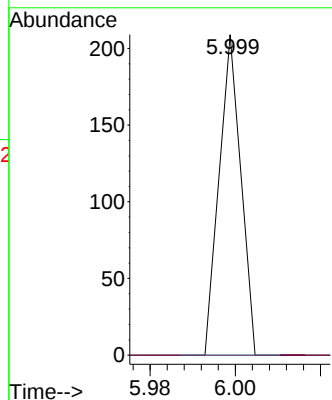
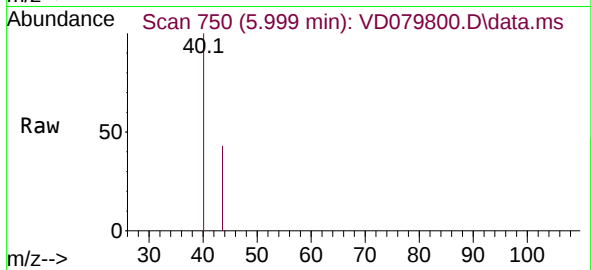




#23
 Vinyl Acetate
 Concen: 2.560 ug/l
 RT: 5.999 min Scan# 71
 Delta R.T. -0.153 min
 Lab File: VD079800.D
 Acq: 06 Sep 2024 16:01

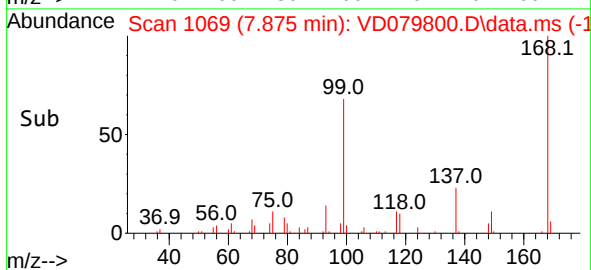
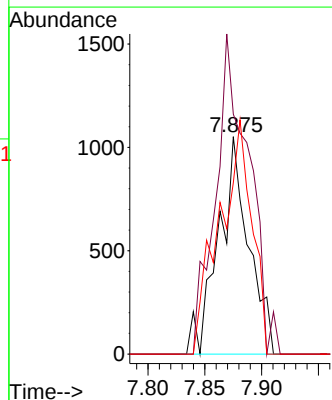
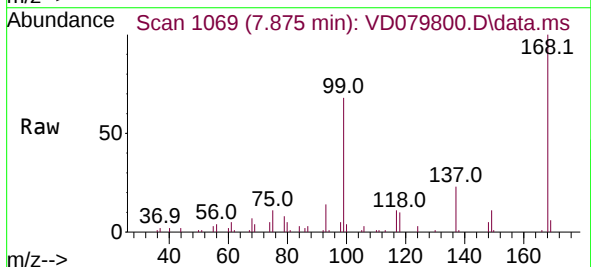
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-C1-GRAB

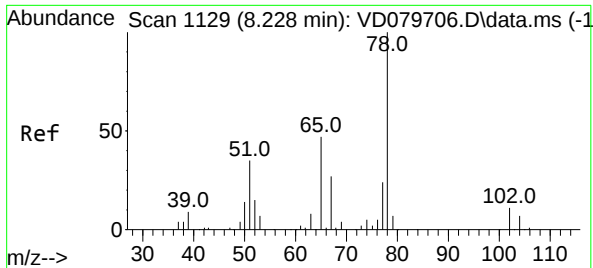
Tgt Ion: 43 Resp: 74
 Ion Ratio Lower Upper
 43 100
 86 0.0 12.3 18.5#



#31
 Cyclohexane
 Concen: 1.303 ug/l
 RT: 7.875 min Scan# 1069
 Delta R.T. -0.000 min
 Lab File: VD079800.D
 Acq: 06 Sep 2024 16:01

Tgt Ion: 56 Resp: 1949
 Ion Ratio Lower Upper
 56 100
 69 110.4 28.0 42.0#
 84 78.8 87.4 131.0#

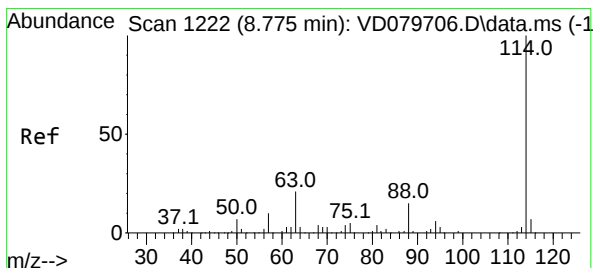
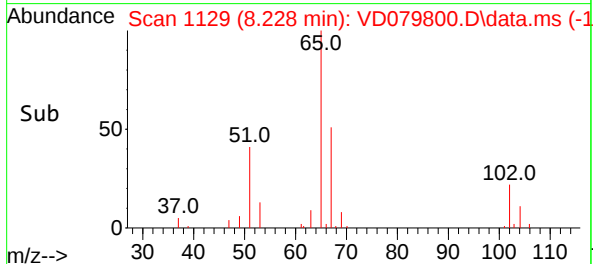
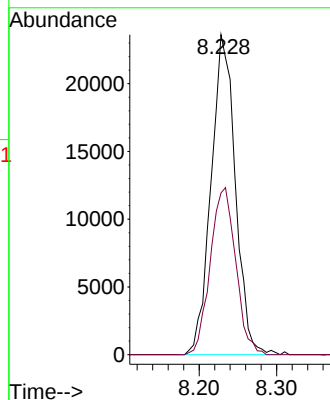
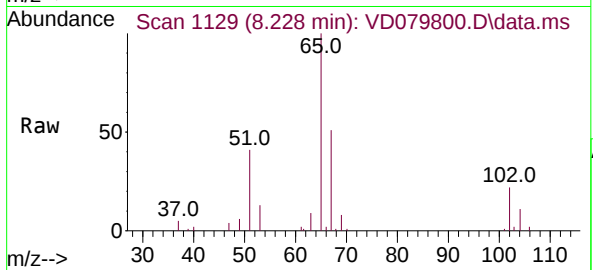




#33
 1,2-Dichloroethane-d4
 Concen: 57.424 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VD079800.D
 Acq: 06 Sep 2024 16:01

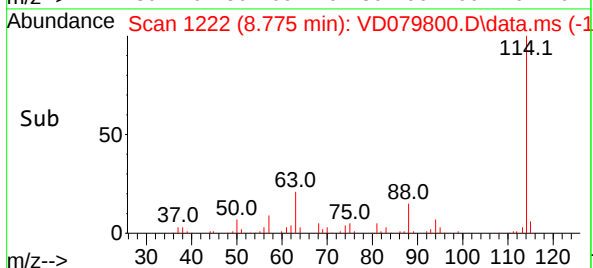
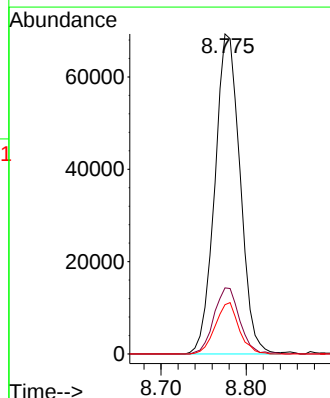
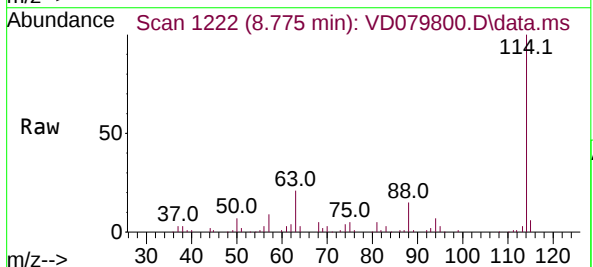
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-C1-GRAB

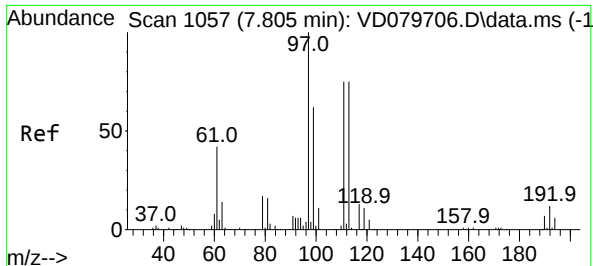
Tgt Ion: 65 Resp: 51366
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. -0.000 min
 Lab File: VD079800.D
 Acq: 06 Sep 2024 16:01

Tgt Ion: 114 Resp: 142623
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 34.0
 88 15.4 0.0 27.2

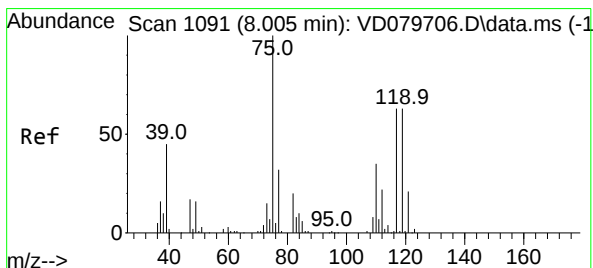
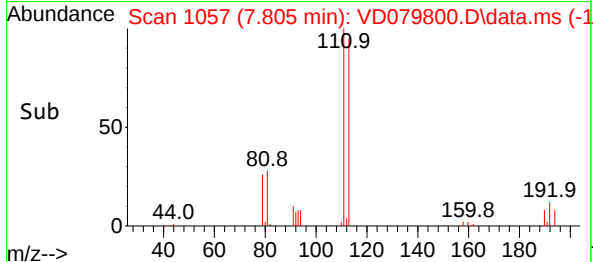
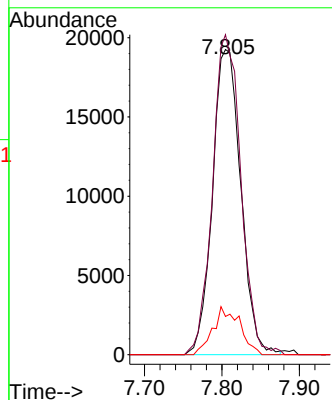
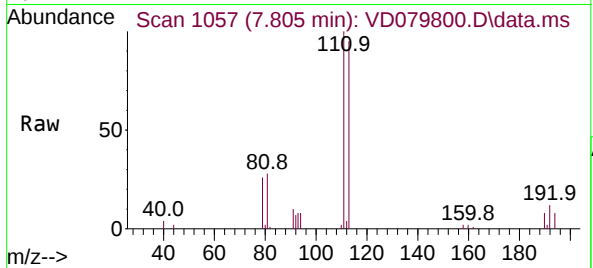




#35
Dibromofluoromethane
Concen: 52.822 ug/l
RT: 7.805 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079800.D
Acq: 06 Sep 2024 16:01

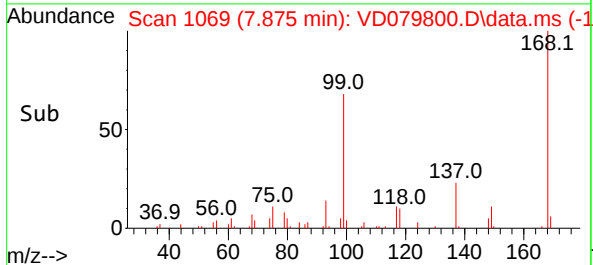
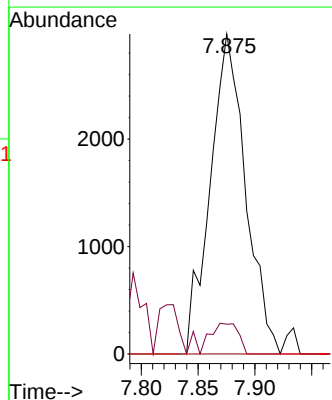
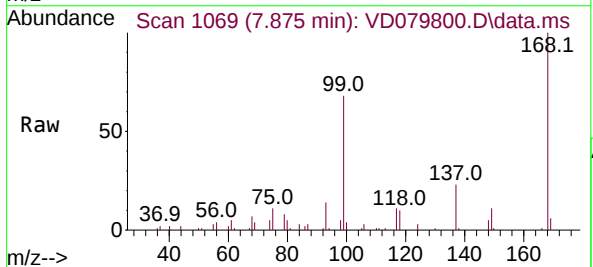
Instrument :
MSVOA_D
ClientSampleId :
WC-C1-GRAB

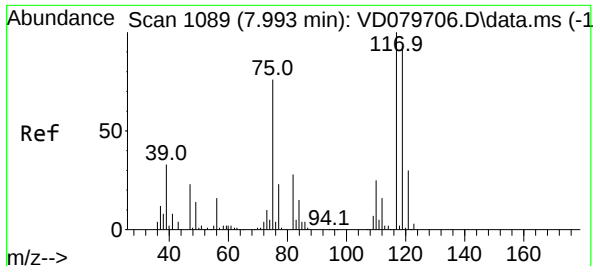
Tgt Ion:113 Resp: 48968
Ion Ratio Lower Upper
113 100
111 104.9 84.0 126.0
192 14.8 15.4 23.0#



#36
1,1-Dichloropropene
Concen: 4.709 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.129 min
Lab File: VD079800.D
Acq: 06 Sep 2024 16:01

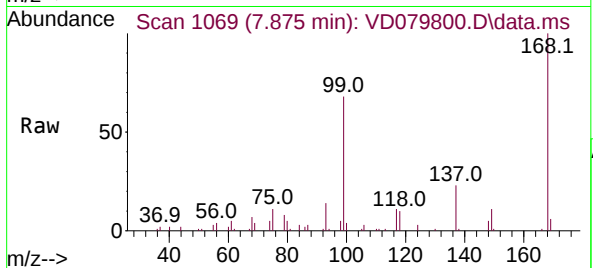
Tgt Ion: 75 Resp: 6471
Ion Ratio Lower Upper
75 100
110 7.6 19.6 58.7#
77 0.0 26.1 39.1#



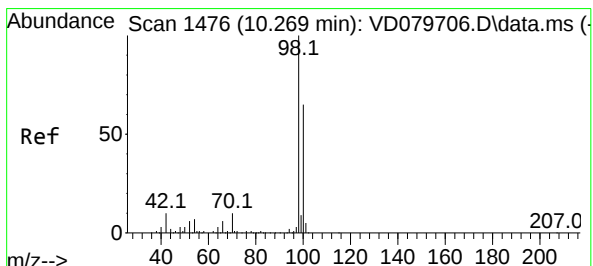
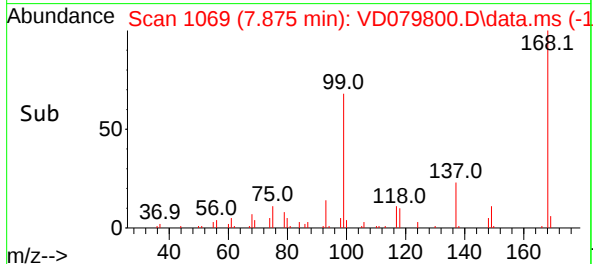
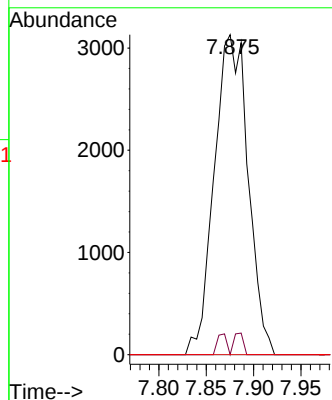


#38
Carbon Tetrachloride
Concen: 5.305 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD079800.D
Acq: 06 Sep 2024 16:01

Instrument :
MSVOA_D
ClientSampleId :
WC-C1-GRAB

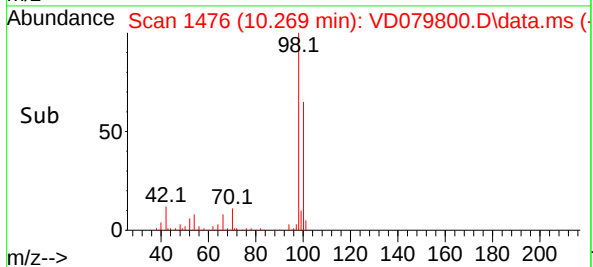
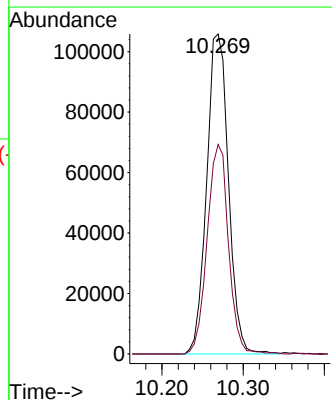
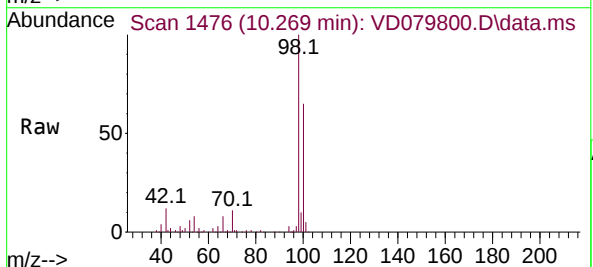


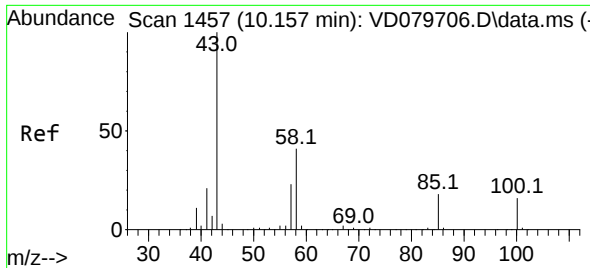
Tgt Ion:117 Resp: 7774
Ion Ratio Lower Upper
117 100
119 0.0 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 49.637 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD079800.D
Acq: 06 Sep 2024 16:01

Tgt Ion: 98 Resp: 197349
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4

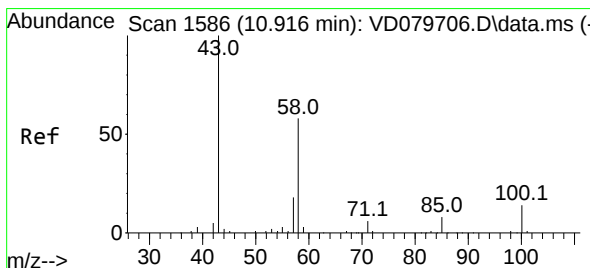
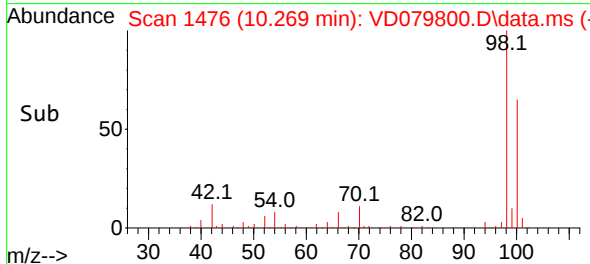
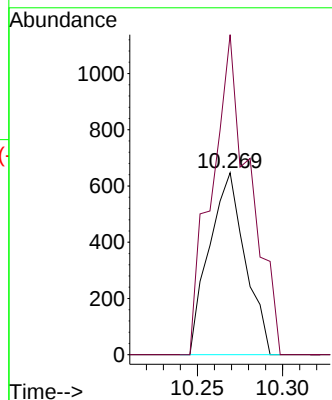
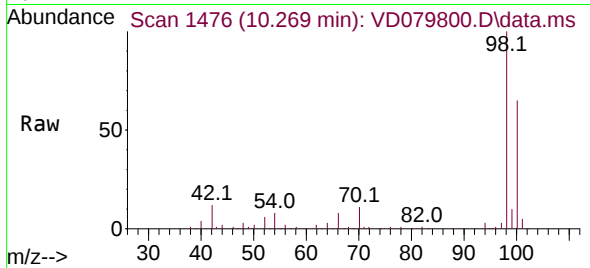




#51
4-Methyl-2-Pentanone
Concen: 1.607 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD079800.D
Acq: 06 Sep 2024 16:01

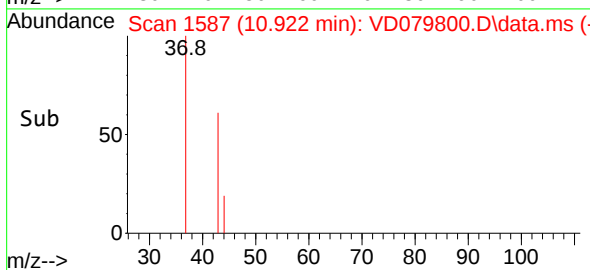
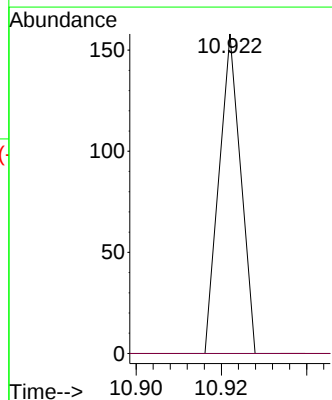
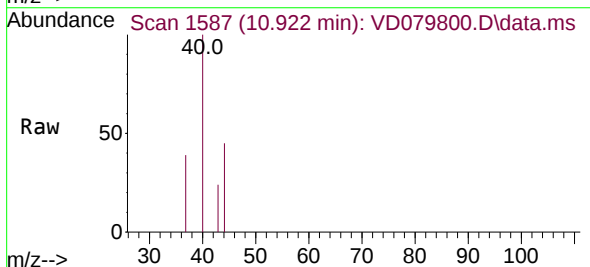
Instrument :
MSVOA_D
ClientSampleId :
WC-C1-GRAB

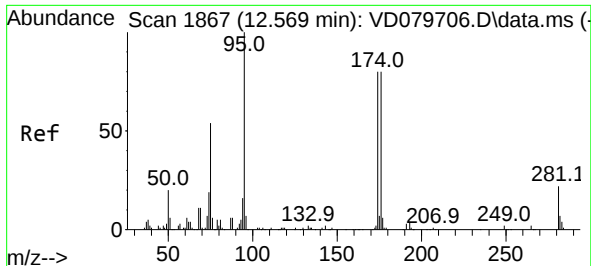
Tgt Ion: 43 Resp: 951
Ion Ratio Lower Upper
43 100
58 185.3 36.6 55.0#



#59
2-Hexanone
Concen: 20.345 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD079800.D
Acq: 06 Sep 2024 16:01

Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
58 0.0 31.1 93.5#

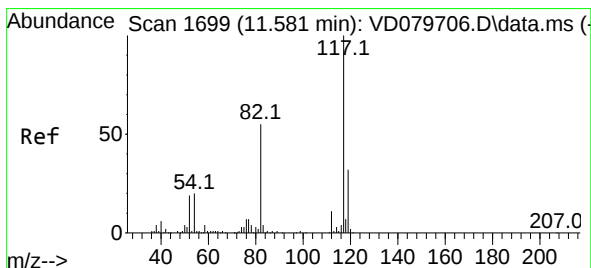
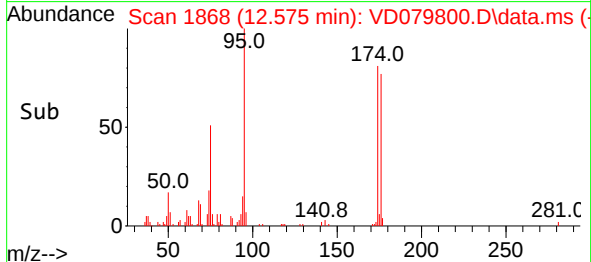
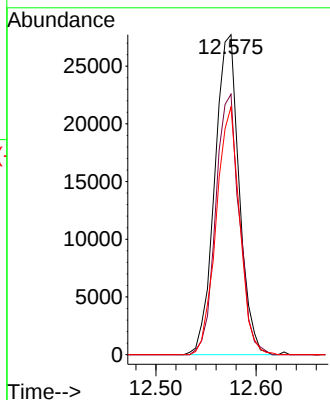
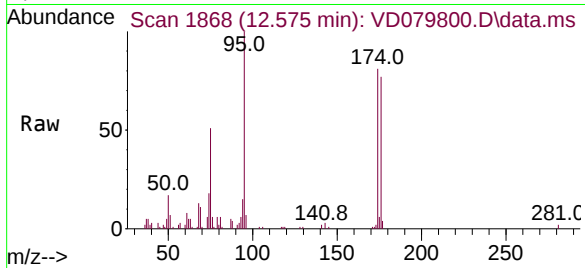




#62
4-Bromofluorobenzene
Concen: 42.211 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD079800.D
Acq: 06 Sep 2024 16:01

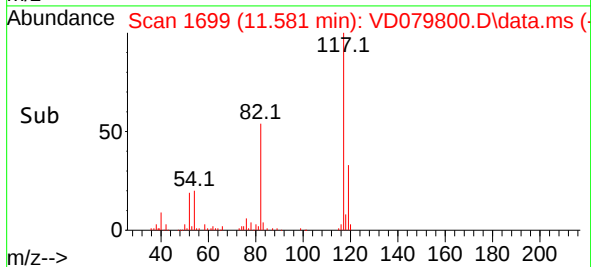
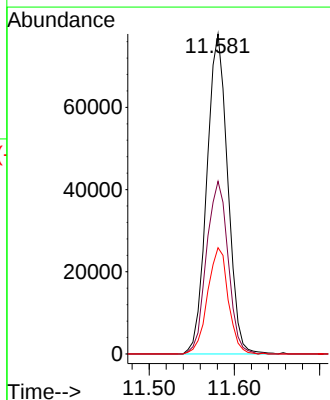
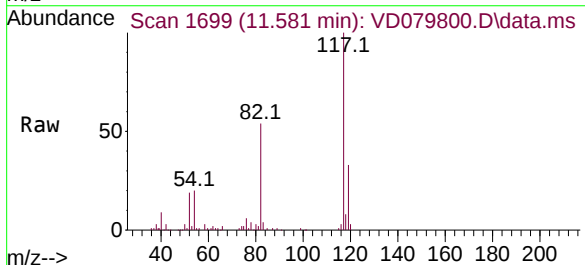
Instrument :
MSVOA_D
ClientSampleId :
WC-C1-GRAB

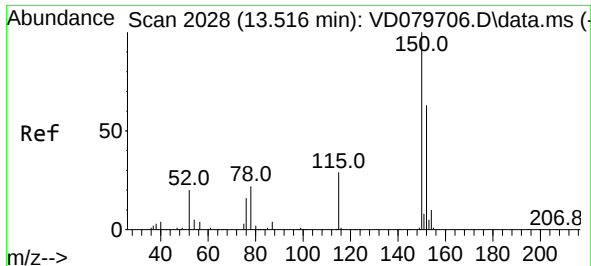
Tgt Ion: 95 Resp: 46959
Ion Ratio Lower Upper
95 100
174 78.6 0.0 195.4
176 74.2 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079800.D
Acq: 06 Sep 2024 16:01

Tgt Ion: 117 Resp: 132685
Ion Ratio Lower Upper
117 100
82 53.9 39.8 59.6
119 33.2 25.7 38.5

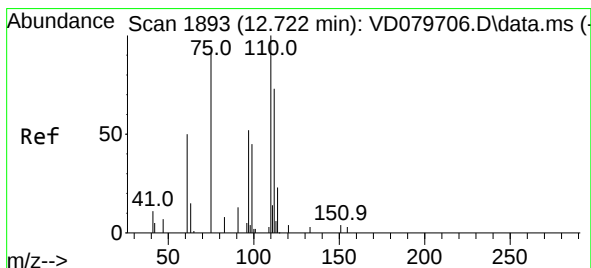
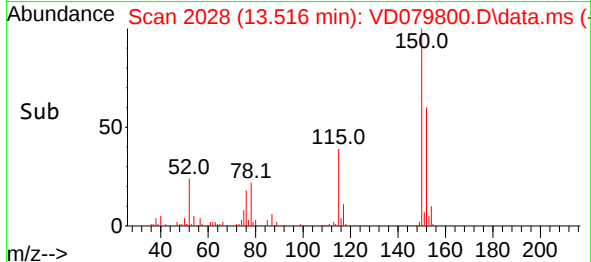
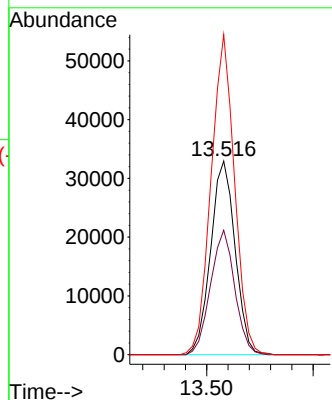
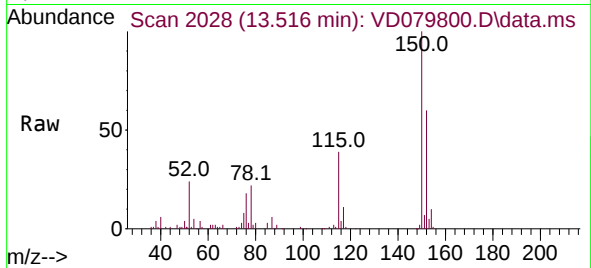




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. -0.000 min
 Lab File: VD079800.D
 Acq: 06 Sep 2024 16:01

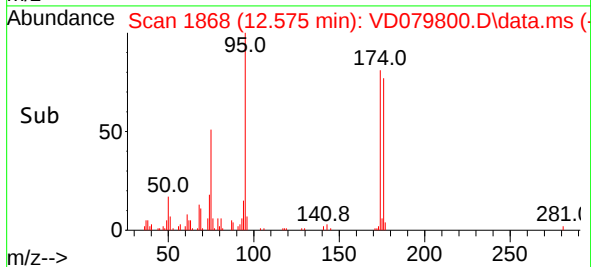
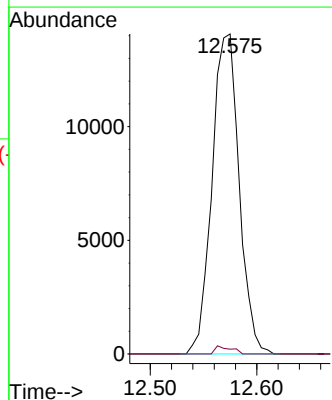
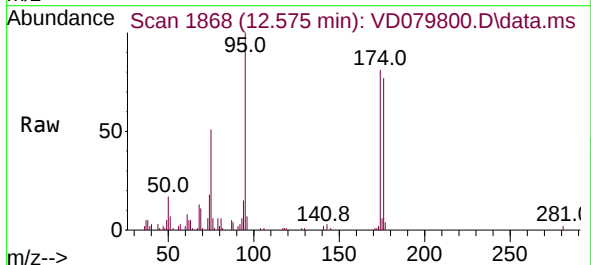
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-C1-GRAB

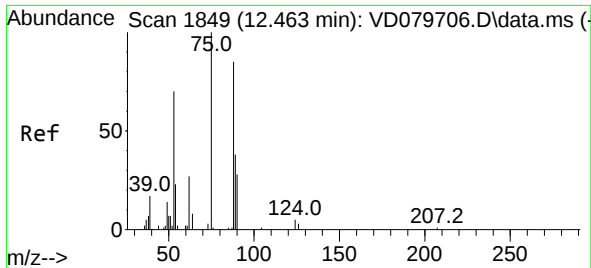
Tgt Ion:152 Resp: 52512
 Ion Ratio Lower Upper
 152 100
 115 63.7 26.5 79.5
 150 158.3 0.0 341.6



#76
 1,2,3-Trichloropropane
 Concen: 55.341 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD079800.D
 Acq: 06 Sep 2024 16:01

Tgt Ion: 75 Resp: 24838
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.303 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VD079800.D
 Acq: 06 Sep 2024 16:01

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-C1-GRAB

Tgt Ion: 75 Resp: 24838
 Ion Ratio Lower Upper
 75 100
 53 0.2 61.4 92.2#
 89 0.0 35.4 53.0#

