

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111524\
 Data File : VD080027.D
 Acq On : 15 Nov 2024 16:19
 Operator : RP/MD
 Sample : VD1115SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 15 16:27:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 15 16:25:47 2024
 Response via : Initial Calibration

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

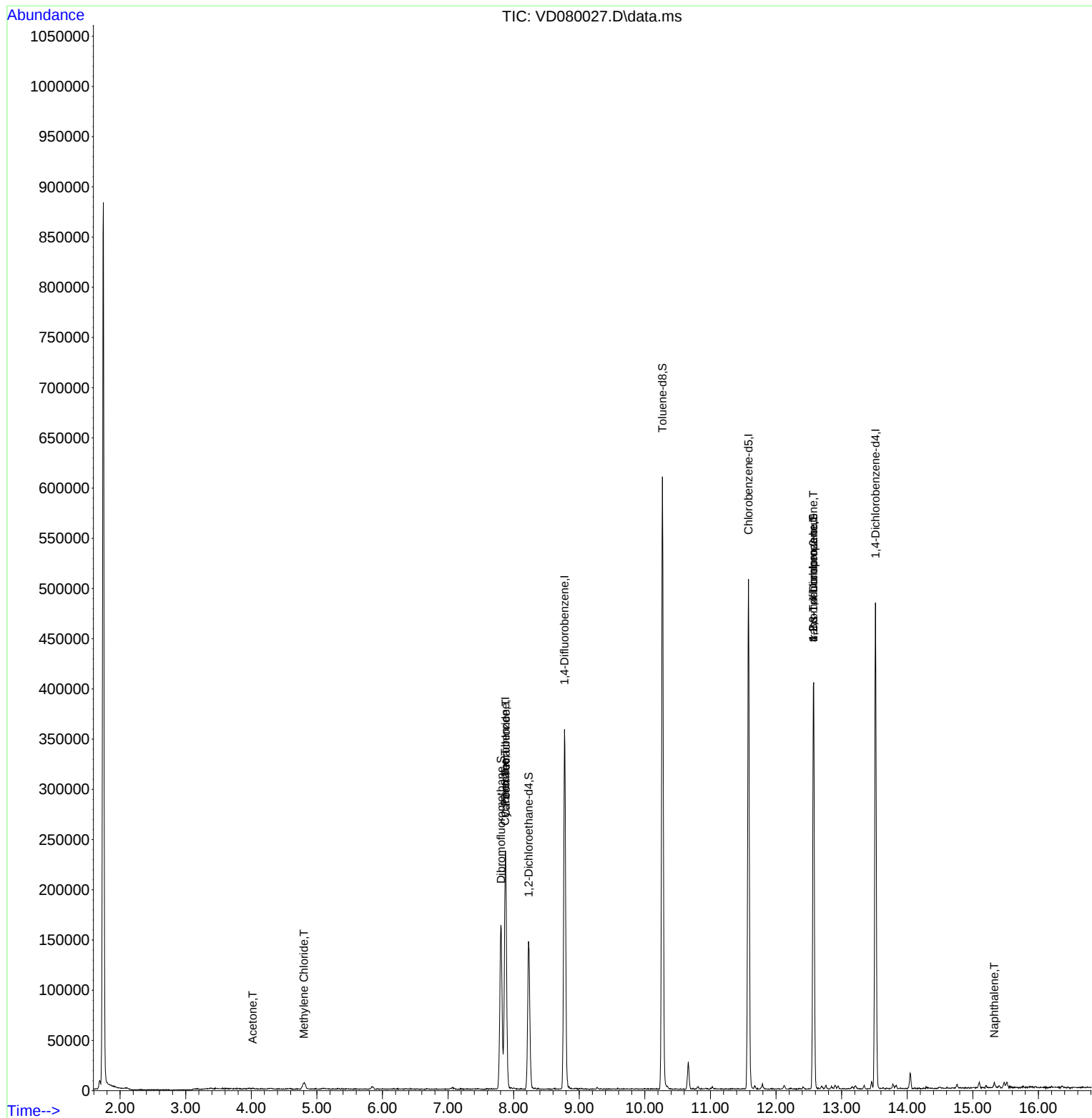
Internal Standards						
1) Pentafluorobenzene	7.875	168	191430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	323011	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	291107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	130639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	118174	59.958	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 119.920%		
35) Dibromofluoromethane	7.810	113	118314	55.036	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 110.080%		
50) Toluene-d8	10.269	98	421726	52.050	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery	= 104.100%		
62) 4-Bromofluorobenzene	12.569	95	128524	48.348	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery	= 96.700%		
Target Compounds						Qvalue
5) Bromomethane	2.705	94	375	Below Cal		93
16) Acetone	4.022	43	979	2.289 ug/l	#	70
20) Methylene Chloride	4.805	84	5397	2.353 ug/l	#	93
31) Cyclohexane	7.869	56	4511	1.406 ug/l	#	11
38) Carbon Tetrachloride	7.881	117	17719	5.517 ug/l	#	18
76) 1,2,3-Trichloropropane	12.569	75	62263	53.974 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.569	75	62263	110.466 ug/l	#	15
95) Naphthalene	15.328	128	4718	1.146 ug/l		96

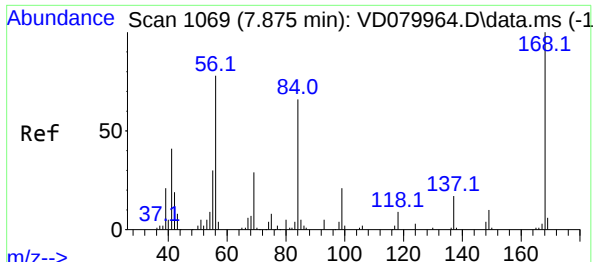
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 15 16:27:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 15 16:25:47 2024
Response via : Initial Calibration

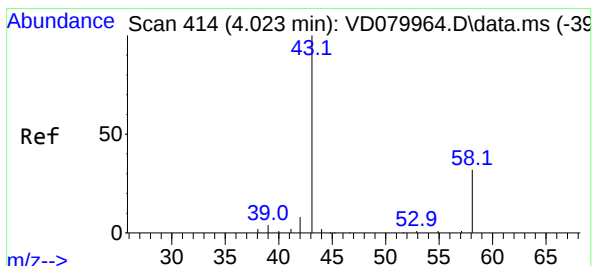
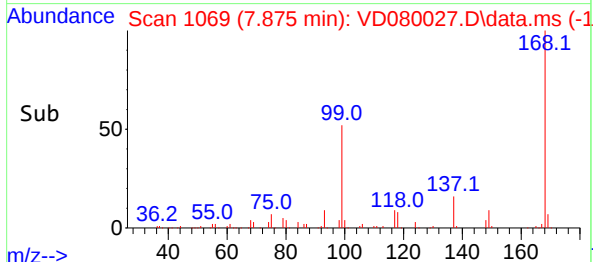
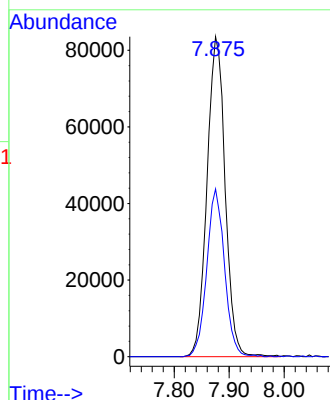
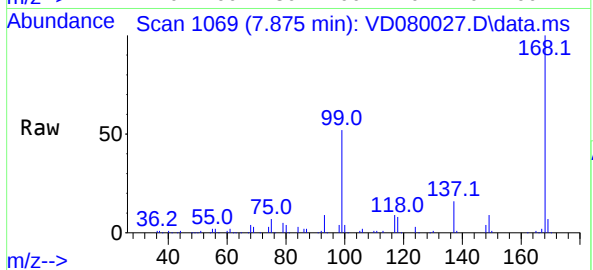




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD080027.D
Acq: 15 Nov 2024 16:19

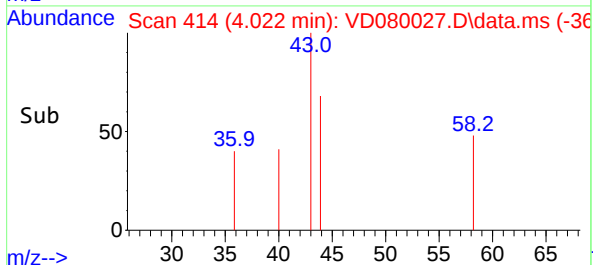
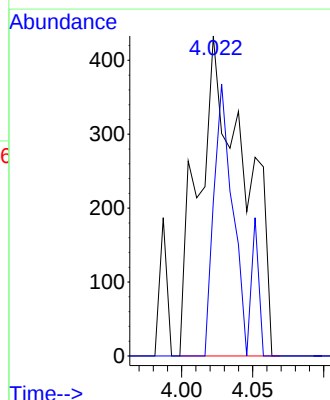
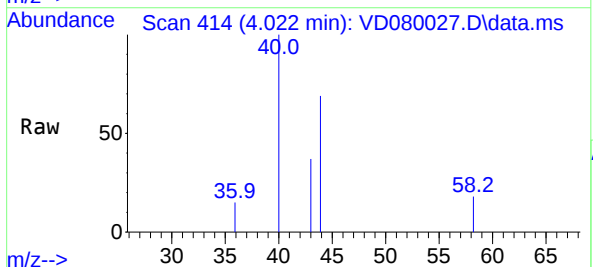
Instrument :
MSVOA_D
ClientSampleId :

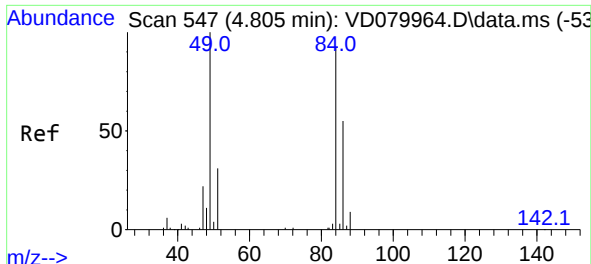
Tgt Ion:168 Resp: 191430
Ion Ratio Lower Upper
168 100
99 52.4 46.0 69.0



#16
Acetone
Concen: 2.289 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.001 min
Lab File: VD080027.D
Acq: 15 Nov 2024 16:19

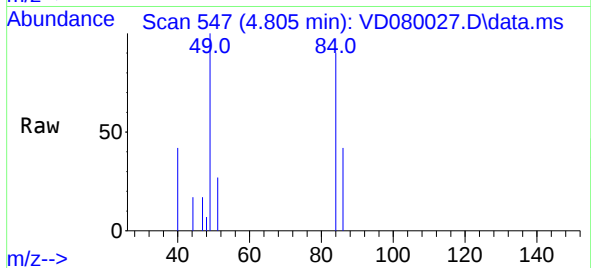
Tgt Ion: 43 Resp: 979
Ion Ratio Lower Upper
43 100
58 48.3 25.4 38.2#





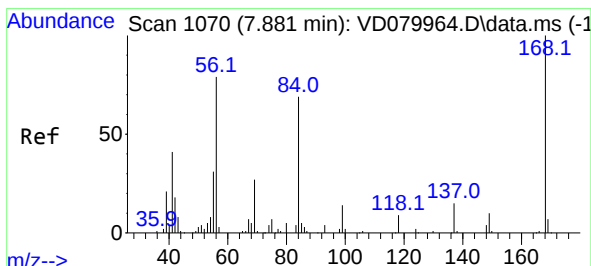
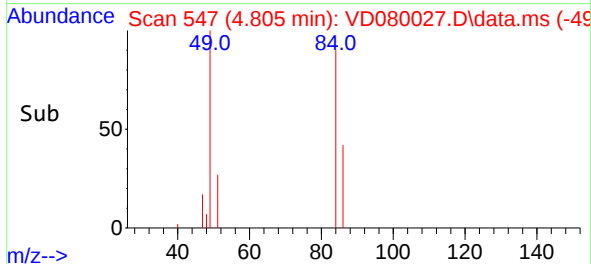
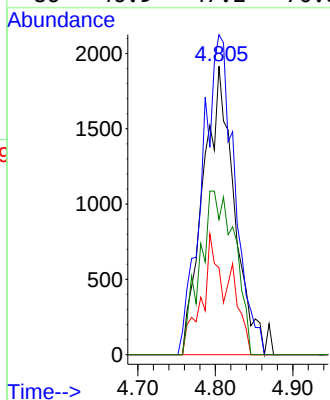
#20
Methylene Chloride
Concen: 2.353 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD080027.D
Acq: 15 Nov 2024 16:19

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 5397

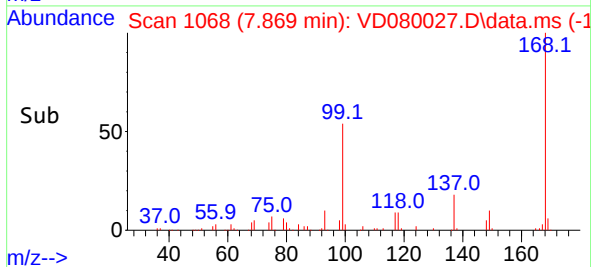
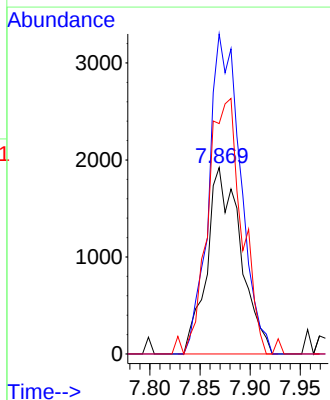
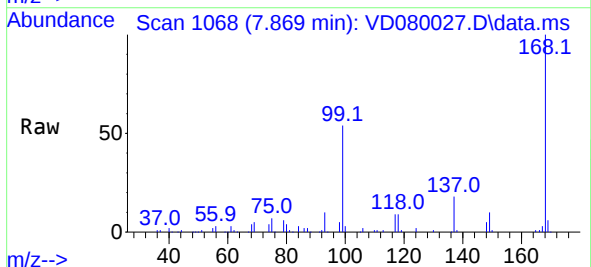
Ion	Ratio	Lower	Upper
84	100		
49	110.9	86.5	129.7
51	30.1	26.9	40.3
86	46.9	47.2	70.8

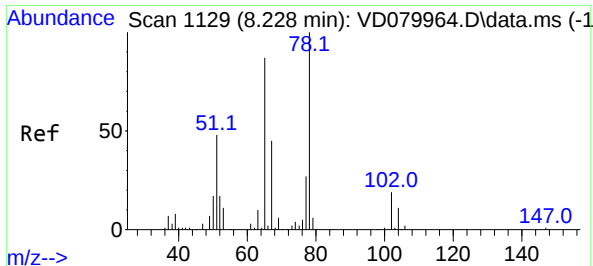


#31
Cyclohexane
Concen: 1.406 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD080027.D
Acq: 15 Nov 2024 16:19

Tgt Ion: 56 Resp: 4511

Ion	Ratio	Lower	Upper
56	100		
69	171.7	27.3	40.9
84	115.6	70.2	105.4

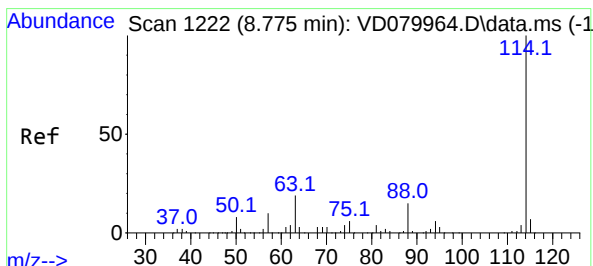
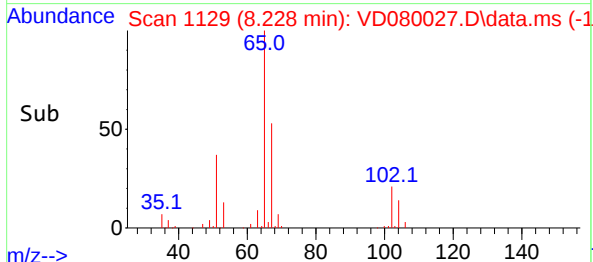
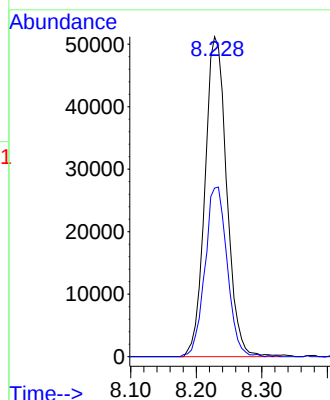
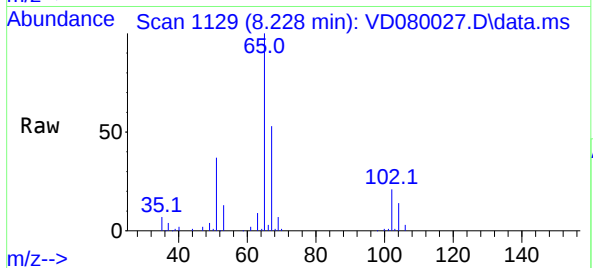




#33
1,2-Dichloroethane-d4
Concen: 59.958 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD080027.D
Acq: 15 Nov 2024 16:19

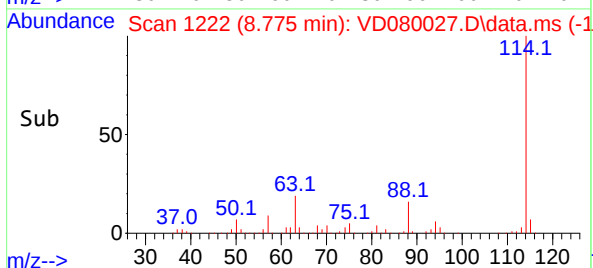
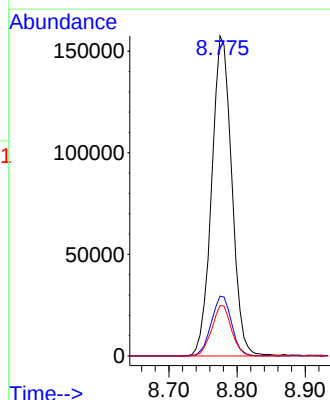
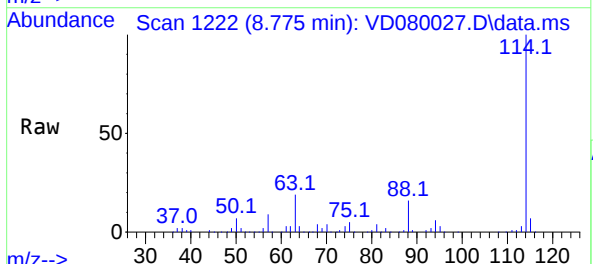
Instrument :
MSVOA_D
ClientSampleId :

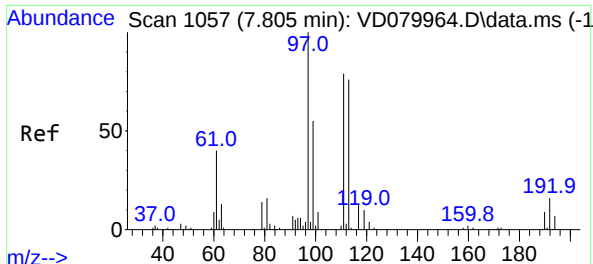
Tgt Ion: 65 Resp: 118174
Ion Ratio Lower Upper
65 100
67 54.1 0.0 109.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD080027.D
Acq: 15 Nov 2024 16:19

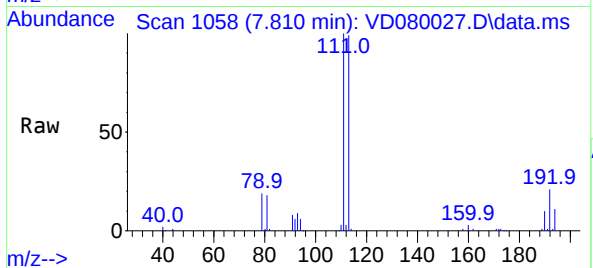
Tgt Ion:114 Resp: 323011
Ion Ratio Lower Upper
114 100
63 18.7 0.0 38.8
88 15.8 0.0 30.6



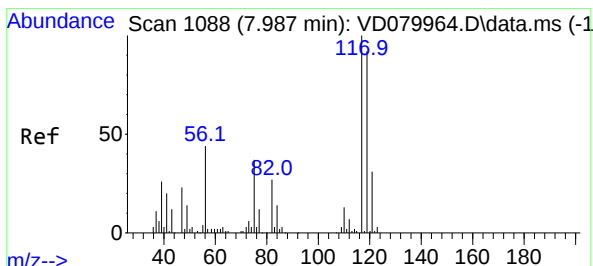
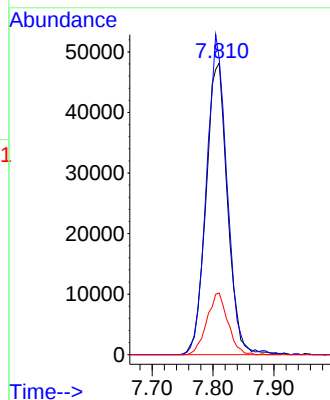
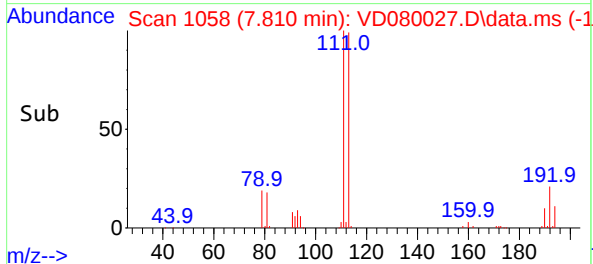


#35
Dibromofluoromethane
Concen: 55.036 ug/l
RT: 7.810 min Scan# 1057
Delta R.T. 0.005 min
Lab File: VD080027.D
Acq: 15 Nov 2024 16:19

Instrument :
MSVOA_D
ClientSampleId :

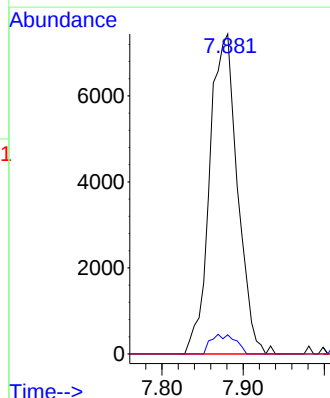
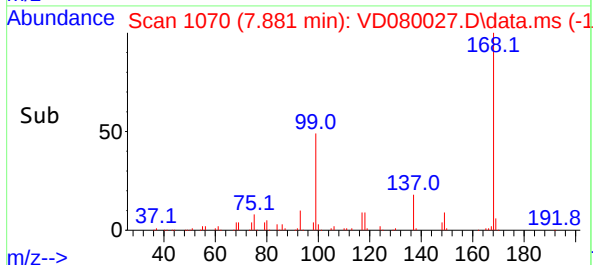
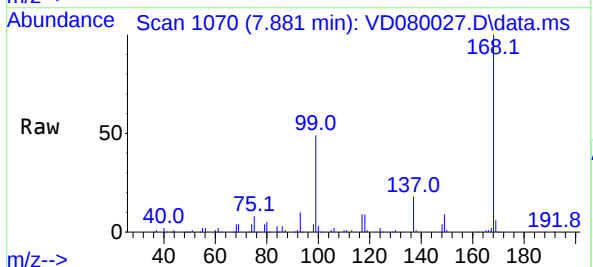


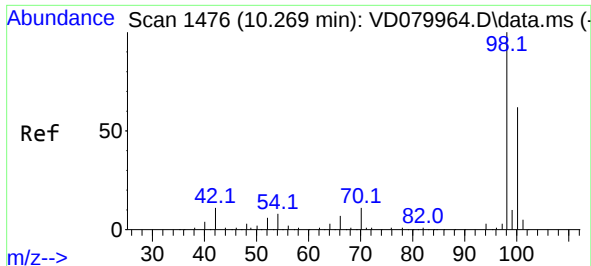
Tgt Ion:113 Resp: 118314
Ion Ratio Lower Upper
113 100
111 103.5 82.5 123.7
192 20.5 16.6 25.0



#38
Carbon Tetrachloride
Concen: 5.517 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.106 min
Lab File: VD080027.D
Acq: 15 Nov 2024 16:19

Tgt Ion:117 Resp: 17719
Ion Ratio Lower Upper
117 100
119 6.0 73.4 110.0#
121 0.0 24.5 36.7#

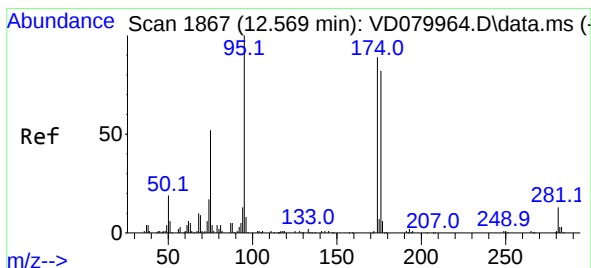
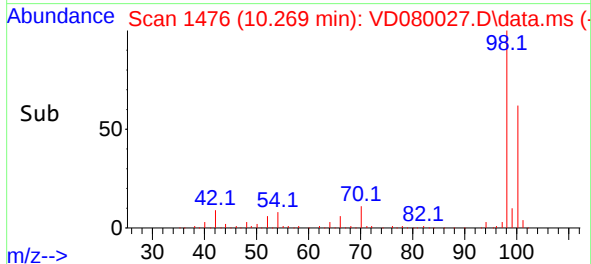
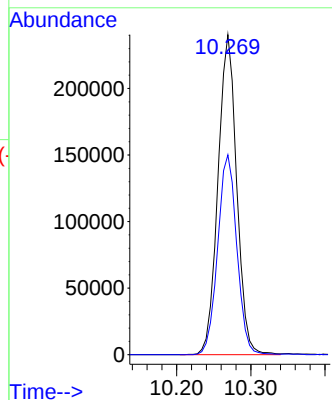
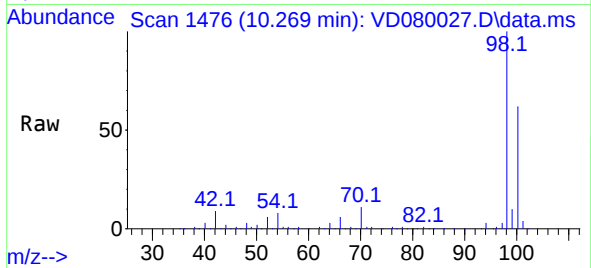




#50
Toluene-d8
Concen: 52.050 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD080027.D
Acq: 15 Nov 2024 16:19

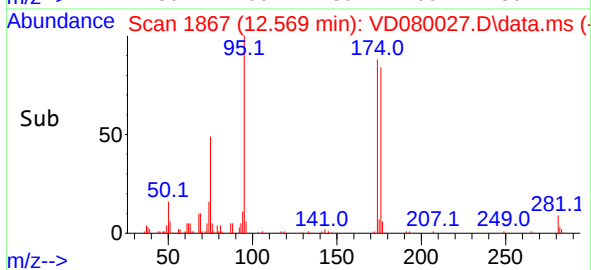
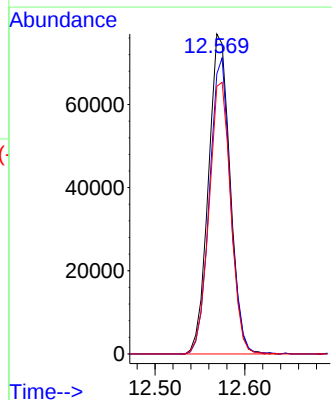
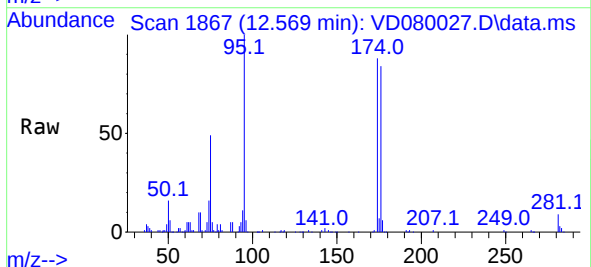
Instrument :
MSVOA_D
ClientSampleId :

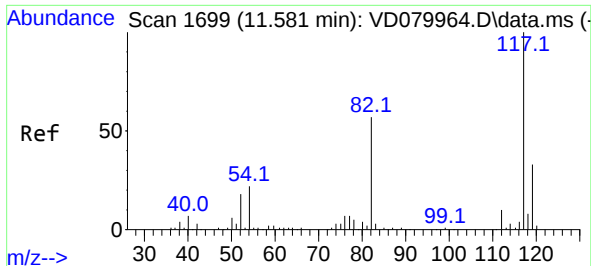
Tgt Ion: 98 Resp: 421726
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.4



#62
4-Bromofluorobenzene
Concen: 48.348 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD080027.D
Acq: 15 Nov 2024 16:19

Tgt Ion: 95 Resp: 128524
Ion Ratio Lower Upper
95 100
174 90.1 0.0 173.4
176 85.0 0.0 166.6

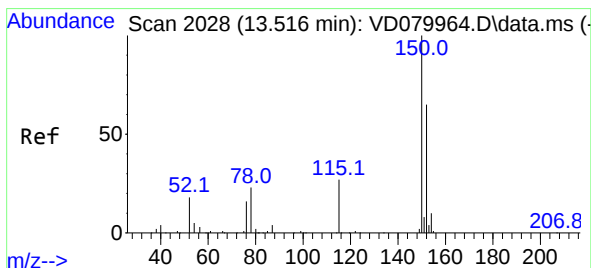
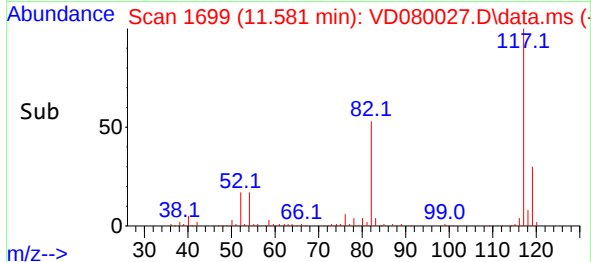
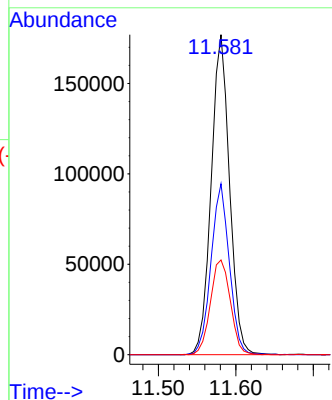
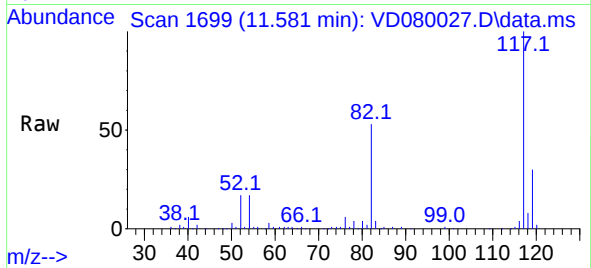




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD080027.D
Acq: 15 Nov 2024 16:19

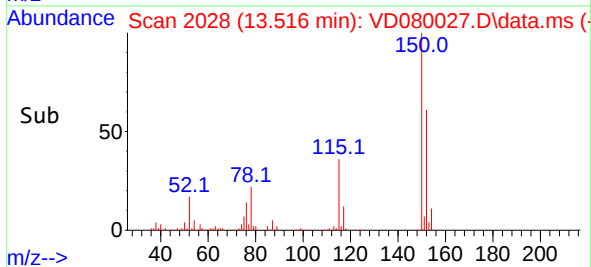
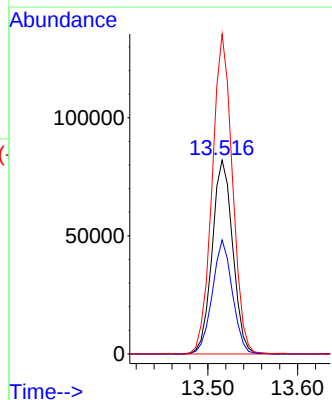
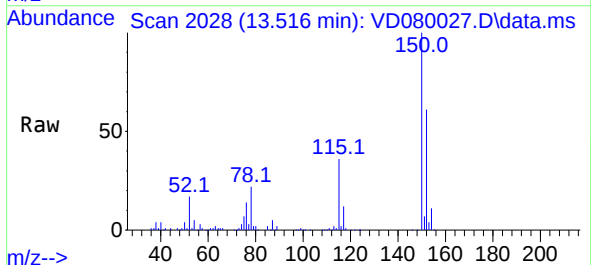
Instrument :
MSVOA_D
ClientSampleId :

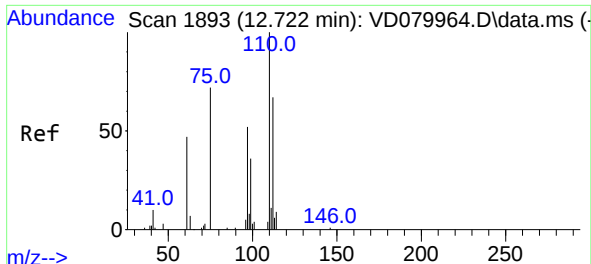
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.4	45.8	68.6
119	29.6	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD080027.D
Acq: 15 Nov 2024 16:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.4	28.9	86.8
150	163.1	0.0	354.8

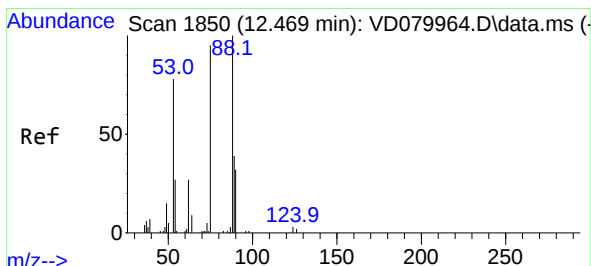
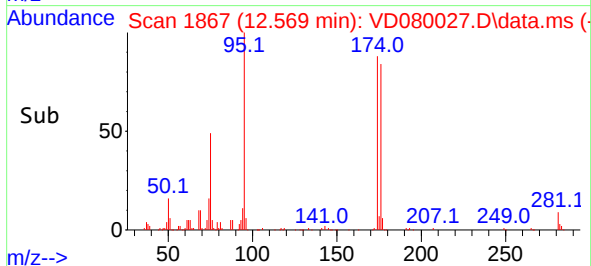
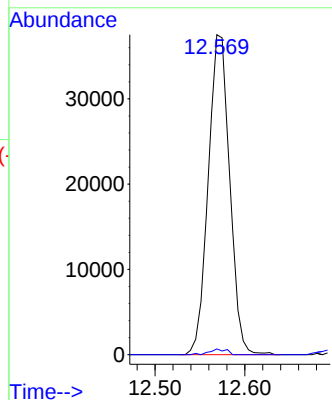
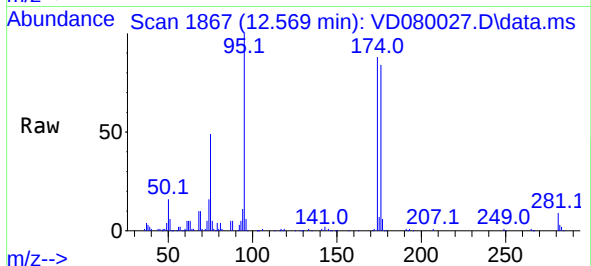




#76
1,2,3-Trichloropropane
Concen: 53.974 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD080027.D
Acq: 15 Nov 2024 16:19

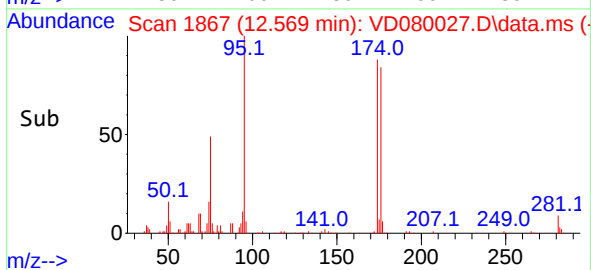
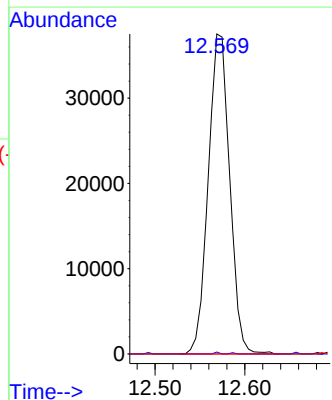
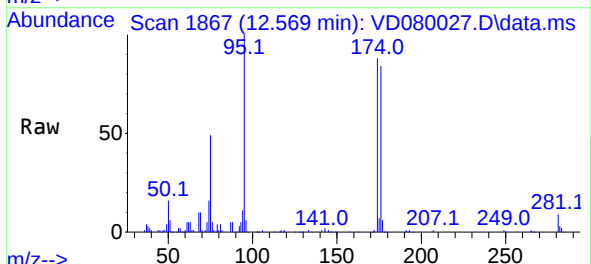
Instrument :
MSVOA_D
ClientSampleId :

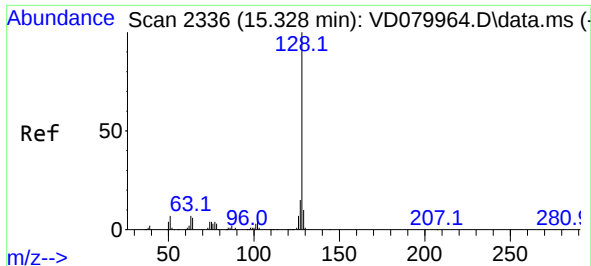
Tgt Ion: 75 Resp: 62263
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.466 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD080027.D
Acq: 15 Nov 2024 16:19

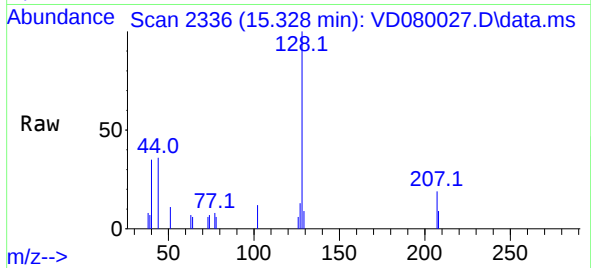
Tgt Ion: 75 Resp: 62263
Ion Ratio Lower Upper
75 100
53 0.1 68.7 103.1#
89 0.0 36.1 54.1#





#95
Naphthalene
Concen: 1.146 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD080027.D
Acq: 15 Nov 2024 16:19

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	128	Resp:	4718
Ion	Ratio	Lower	Upper
128	100		
127	12.7	11.8	17.8
129	9.4	8.3	12.5

