

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091522\
 Data File : VD074316.D
 Acq On : 15 Sep 2022 18:54
 Operator : VA/SY
 Sample : N4538-06
 Misc : 5.59G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MBD-MP-1-45-46

Quant Time: Sep 16 05:55:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 Response via : Initial Calibration

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

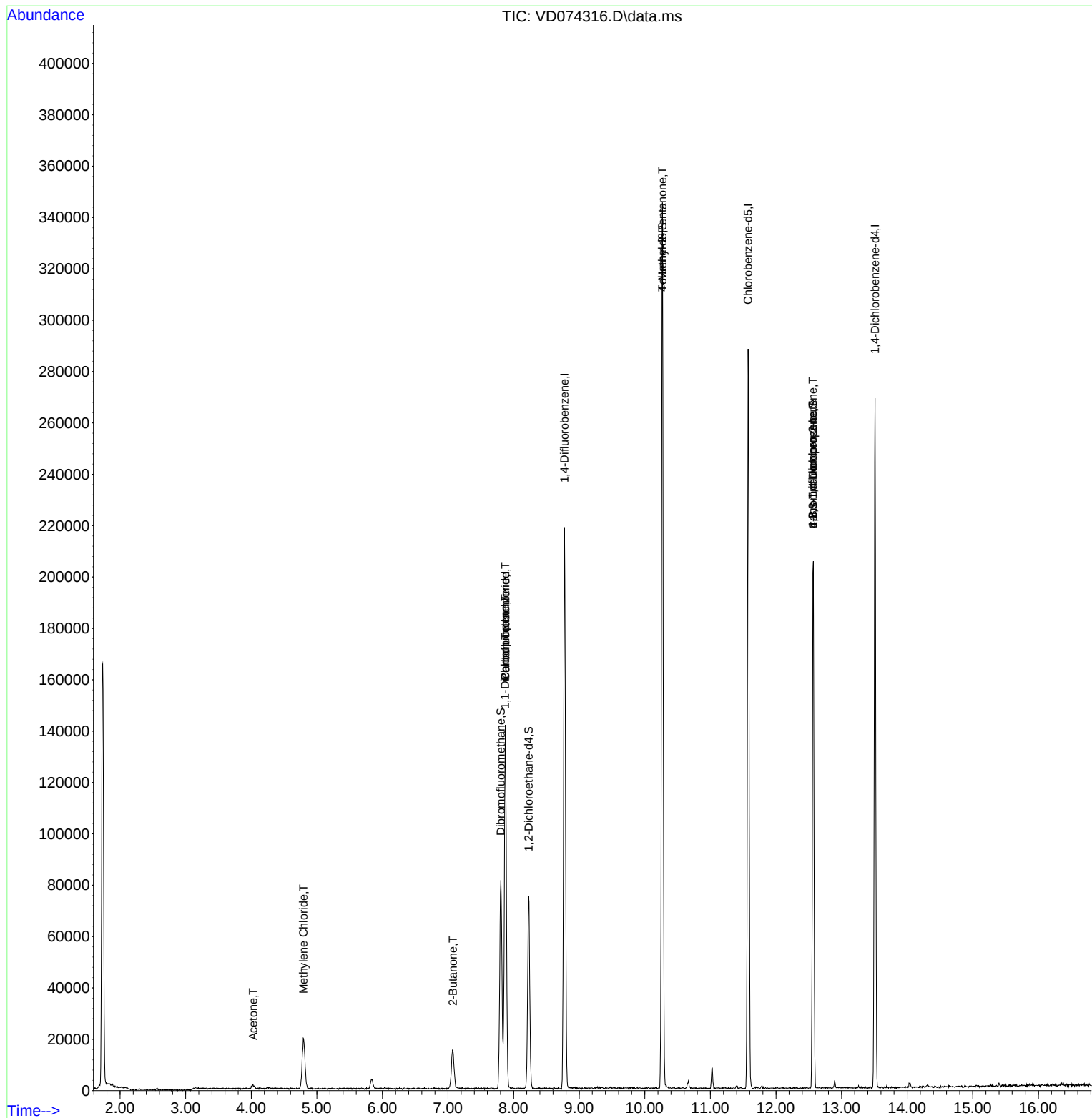
Internal Standards						
1) Pentafluorobenzene	7.875	168	106893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	189845	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	164252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	69266	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	57387	52.659	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.320%	
35) Dibromofluoromethane	7.805	113	59739	46.811	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.620%	
50) Toluene-d8	10.269	98	237331	50.999	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.000%	
62) 4-Bromofluorobenzene	12.563	95	62282	36.444	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 72.880%	
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	2452	10.900	ug/l	98
20) Methylene Chloride	4.793	84	14961	5.518	ug/l	93
25) 2-Butanone	7.075	43	704	1.876	ug/l #	48
36) 1,1-Dichloropropene	7.869	75	8785	4.275	ug/l #	48
38) Carbon Tetrachloride	7.875	117	10485	5.640	ug/l #	17
51) 4-Methyl-2-Pentanone	10.269	43	992	1.140	ug/l #	1
76) 1,2,3-Trichloropropane	12.563	75	33866	47.693	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.563	75	33866	117.590	ug/l #	100

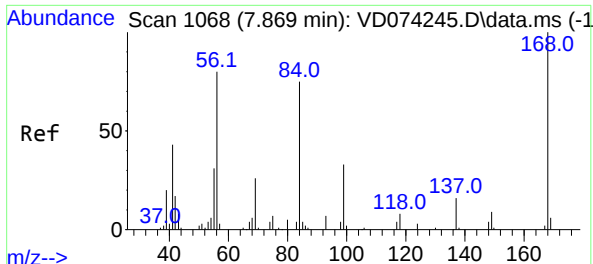
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091522\
Data File : VD074316.D
Acq On : 15 Sep 2022 18:54
Operator : VA/SY
Sample : N4538-06
Misc : 5.59G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MBD-MP-1-45-46

Quant Time: Sep 16 05:55:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 10 04:45:19 2022
Response via : Initial Calibration

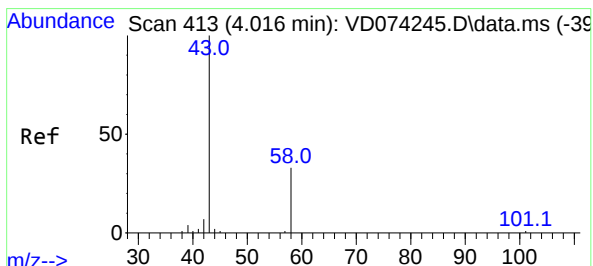
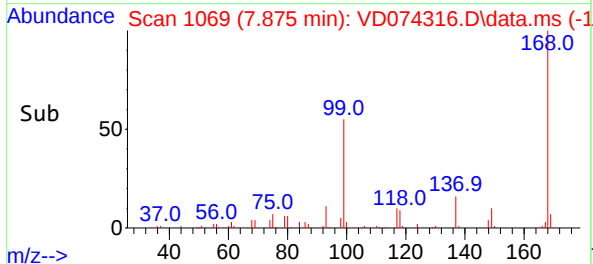
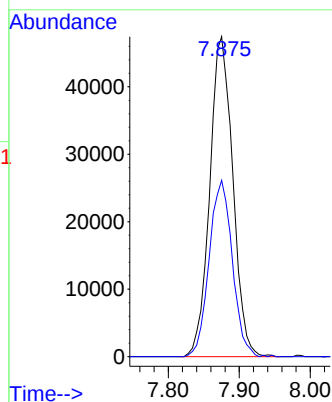
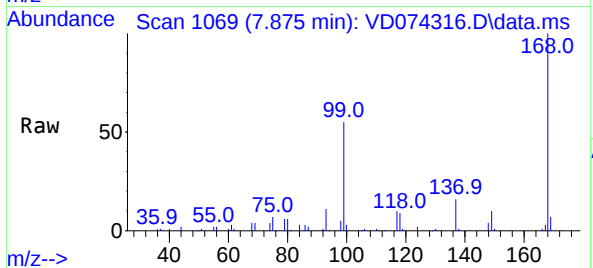




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VD074316.D
Acq: 15 Sep 2022 18:54

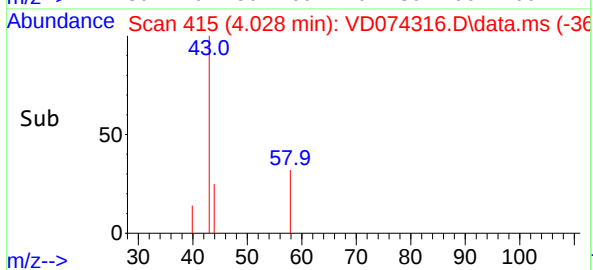
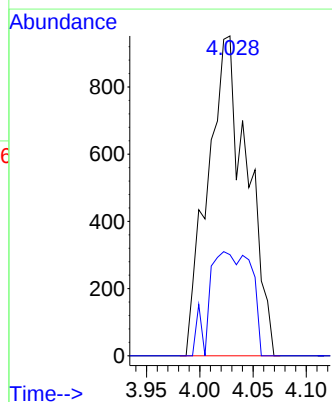
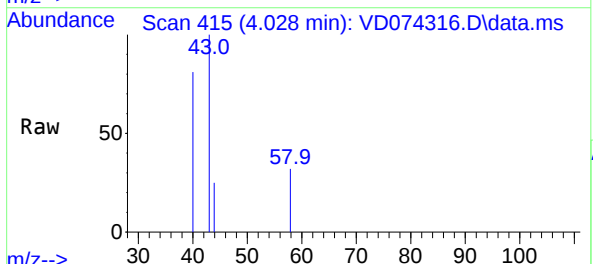
Instrument :
MSVOA_Y
ClientSampleId :
MBD-MP-1-45-46

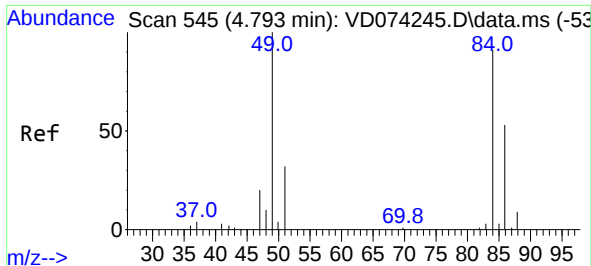
Tgt Ion:168 Resp: 106893
Ion Ratio Lower Upper
168 100
99 55.1 43.0 64.6



#16
Acetone
Concen: 10.900 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.012 min
Lab File: VD074316.D
Acq: 15 Sep 2022 18:54

Tgt Ion: 43 Resp: 2452
Ion Ratio Lower Upper
43 100
58 31.6 26.4 39.6



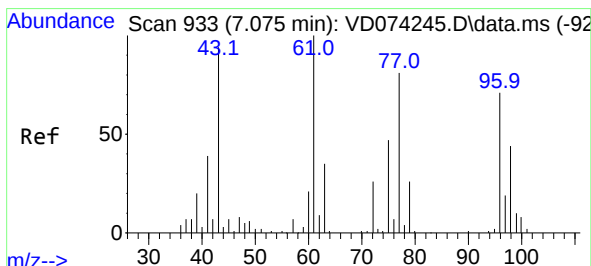
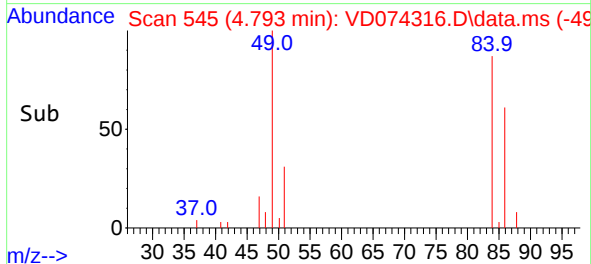
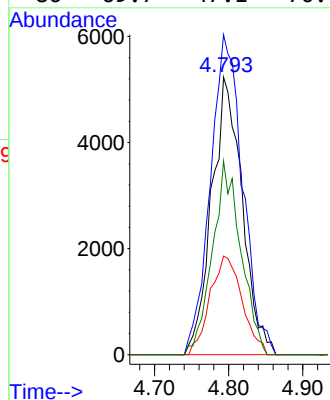
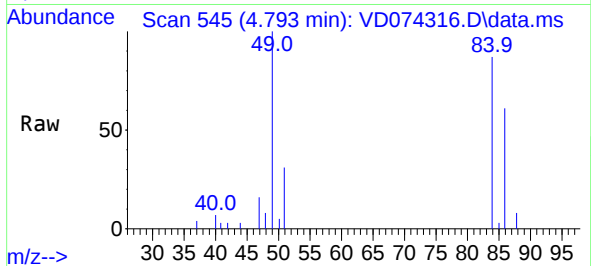


#20
Methylene Chloride
Concen: 5.518 ug/l
RT: 4.793 min Scan# 545
Delta R.T. 0.000 min
Lab File: VD074316.D
Acq: 15 Sep 2022 18:54

Instrument :
MSVOA_Y
ClientSampleId :
MBD-MP-1-45-46

Tgt Ion: 84 Resp: 14961

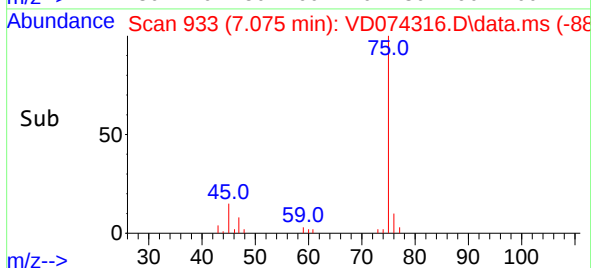
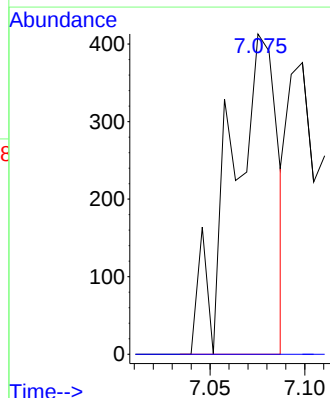
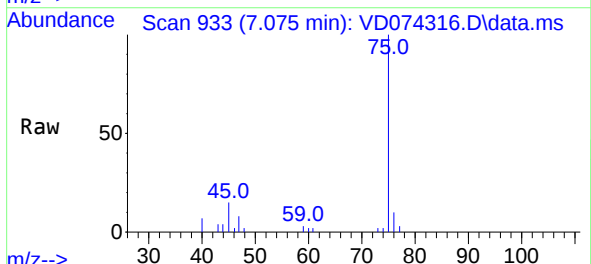
Ion	Ratio	Lower	Upper
84	100		
49	115.3	88.4	132.6
51	35.5	28.0	42.0
86	69.7	47.1	70.7

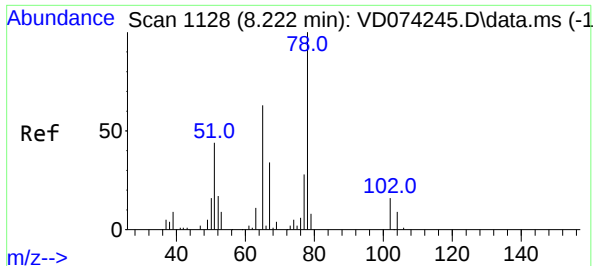


#25
2-Butanone
Concen: 1.876 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD074316.D
Acq: 15 Sep 2022 18:54

Tgt Ion: 43 Resp: 704

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.8	32.6#

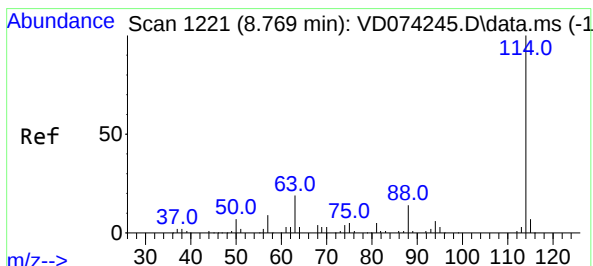
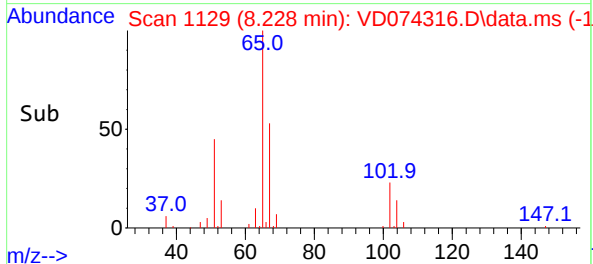
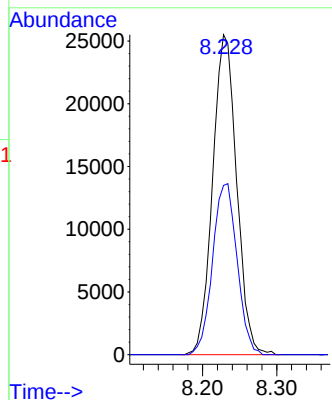
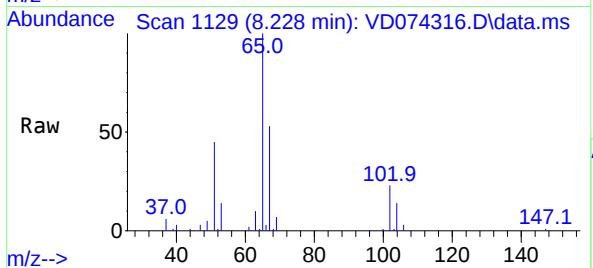




#33
1,2-Dichloroethane-d4
Concen: 52.659 ug/l
RT: 8.228 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VD074316.D
Acq: 15 Sep 2022 18:54

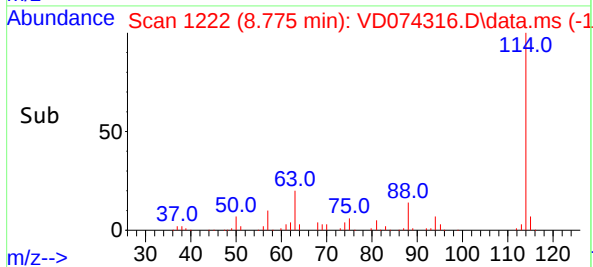
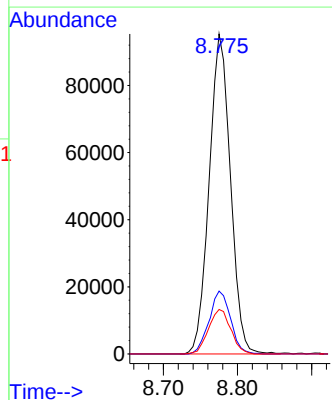
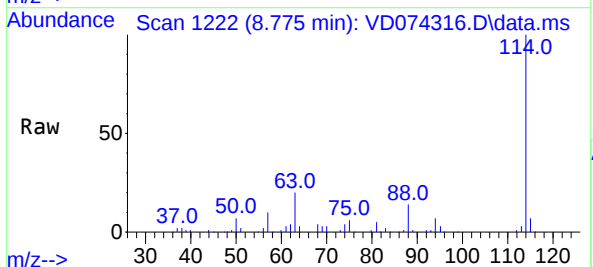
Instrument :
MSVOA_Y
ClientSampleId :
MBD-MP-1-45-46

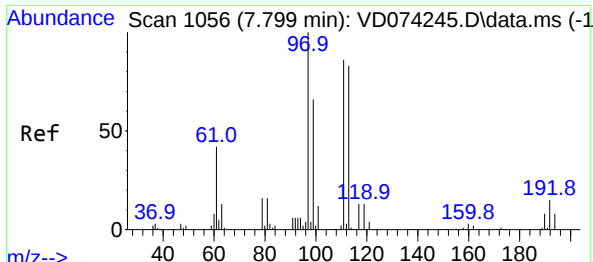
Tgt Ion: 65 Resp: 57387
Ion Ratio Lower Upper
65 100
67 54.5 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VD074316.D
Acq: 15 Sep 2022 18:54

Tgt Ion: 114 Resp: 189845
Ion Ratio Lower Upper
114 100
63 19.7 0.0 37.6
88 13.9 0.0 28.4

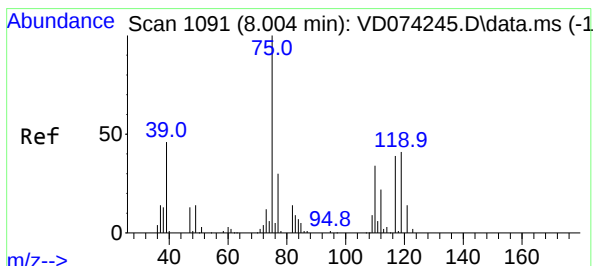
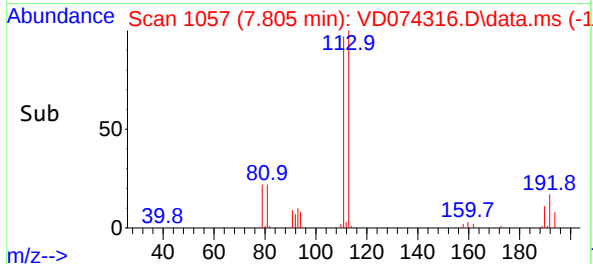
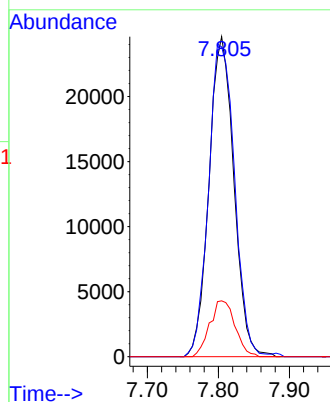
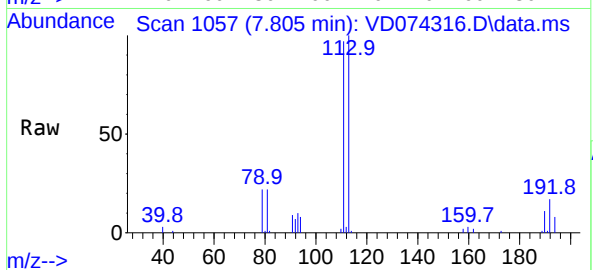




#35
Dibromofluoromethane
Concen: 46.811 ug/l
RT: 7.805 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD074316.D
Acq: 15 Sep 2022 18:54

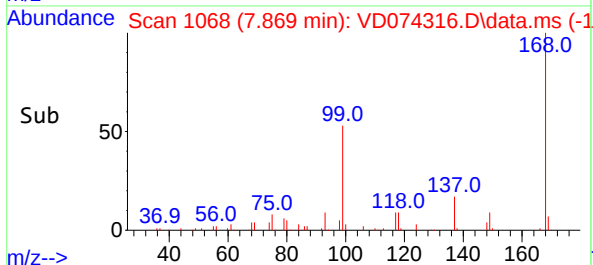
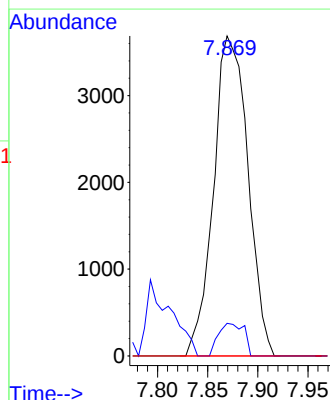
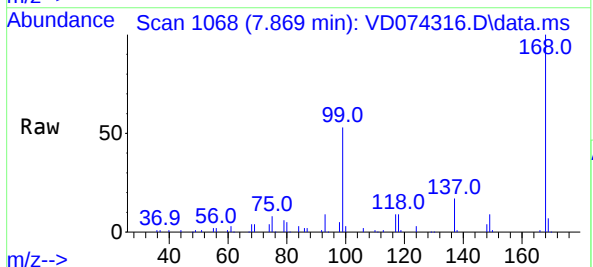
Instrument :
MSVOA_Y
ClientSampleId :
MBD-MP-1-45-46

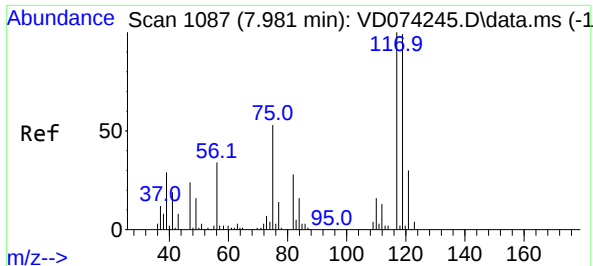
Tgt Ion:113 Resp: 59739
Ion Ratio Lower Upper
113 100
111 102.5 83.0 124.6
192 17.8 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.275 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.135 min
Lab File: VD074316.D
Acq: 15 Sep 2022 18:54

Tgt Ion: 75 Resp: 8785
Ion Ratio Lower Upper
75 100
110 7.6 17.5 52.5#
77 0.0 24.8 37.2#

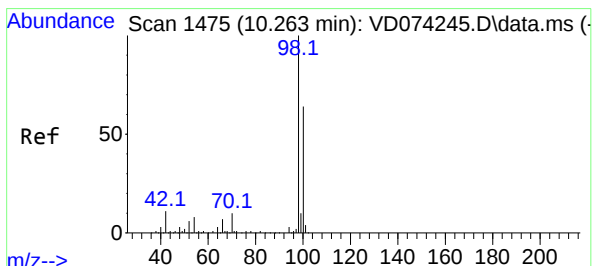
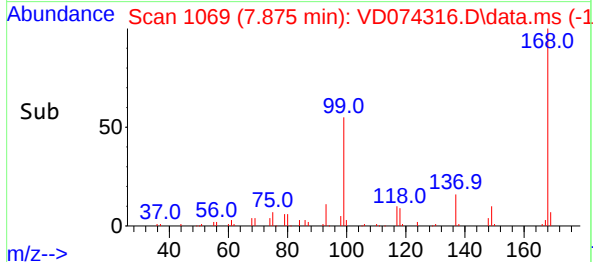
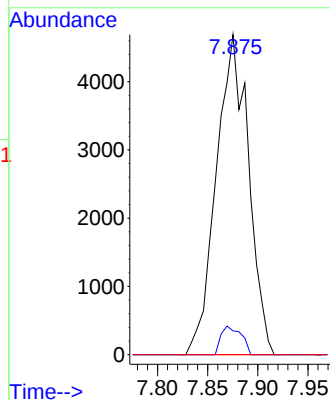
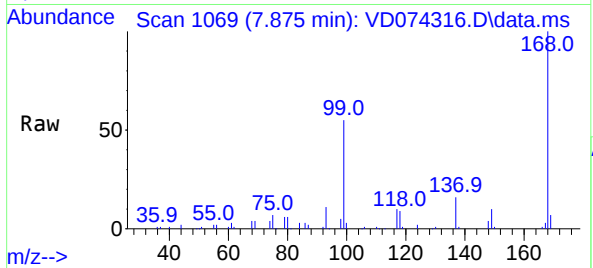




#38
Carbon Tetrachloride
Concen: 5.640 ug/l
RT: 7.875 min Scan# 1087
Delta R.T. -0.106 min
Lab File: VD074316.D
Acq: 15 Sep 2022 18:54

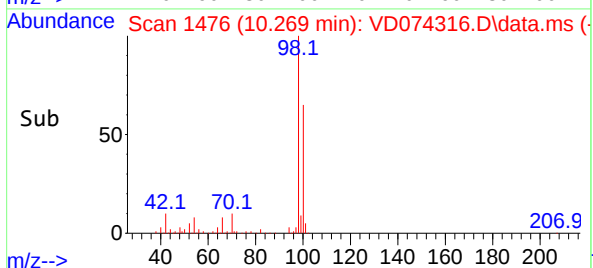
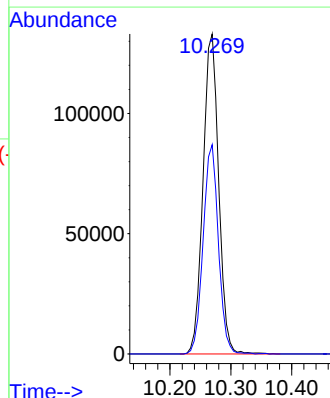
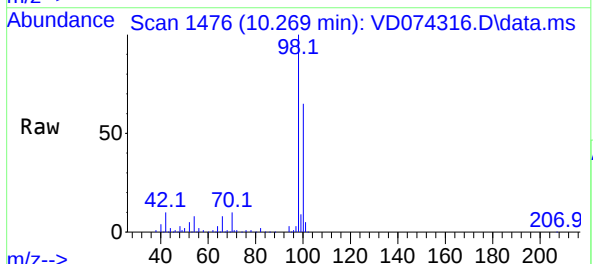
Instrument :
MSVOA_Y
ClientSampleId :
MBD-MP-1-45-46

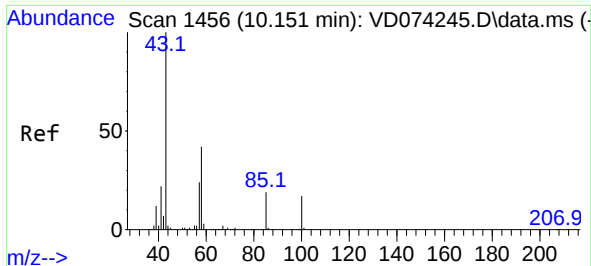
Tgt Ion:117 Resp: 10485
Ion Ratio Lower Upper
117 100
119 7.5 78.8 118.2#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 50.999 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD074316.D
Acq: 15 Sep 2022 18:54

Tgt Ion: 98 Resp: 237331
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.8

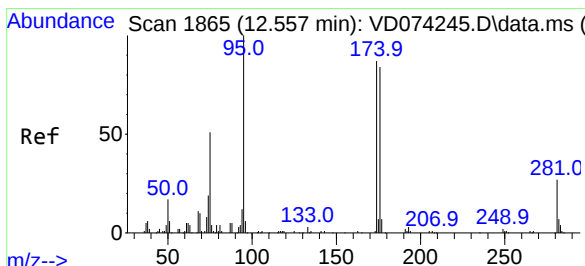
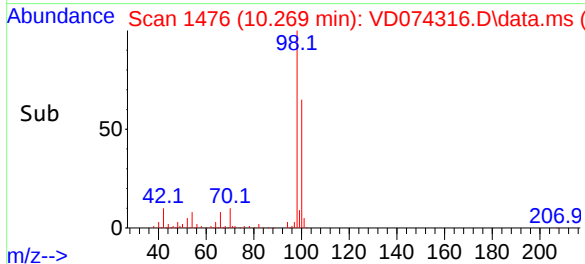
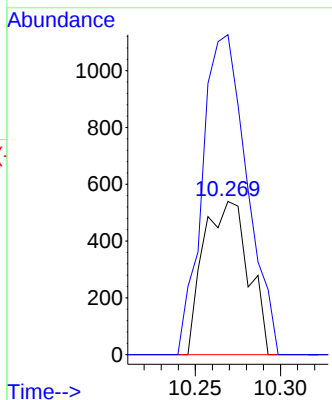
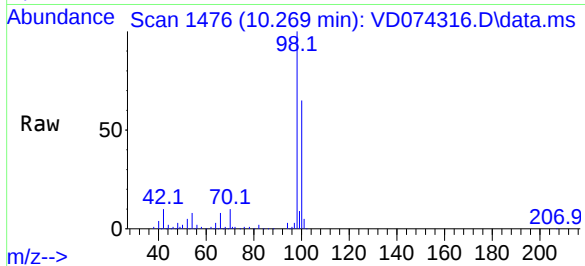




#51
4-Methyl-2-Pentanone
Concen: 1.140 ug/l
RT: 10.269 min Scan# 1456
Delta R.T. 0.118 min
Lab File: VD074316.D
Acq: 15 Sep 2022 18:54

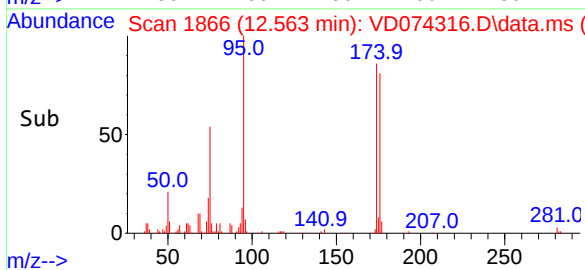
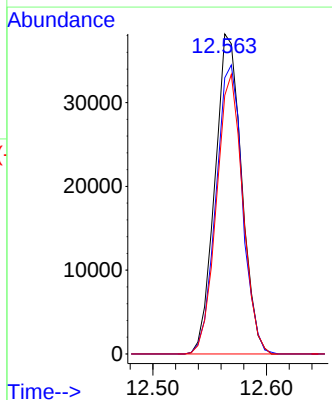
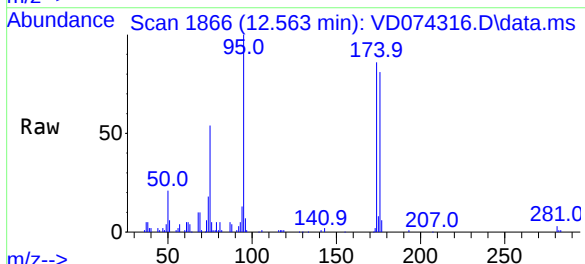
Instrument :
MSVOA_Y
ClientSampleId :
MBD-MP-1-45-46

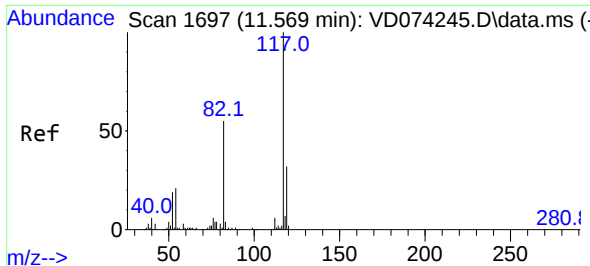
Tgt Ion: 43 Resp: 992
Ion Ratio Lower Upper
43 100
58 206.4 33.3 49.9#



#62
4-Bromofluorobenzene
Concen: 36.444 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD074316.D
Acq: 15 Sep 2022 18:54

Tgt Ion: 95 Resp: 62282
Ion Ratio Lower Upper
95 100
174 89.6 0.0 179.2
176 85.9 0.0 171.4

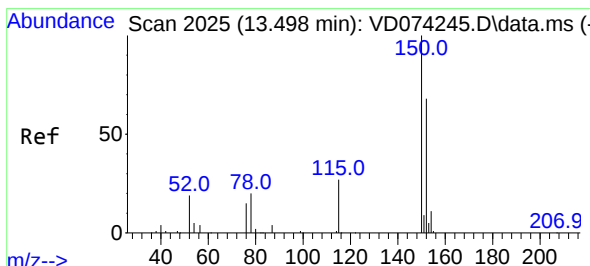
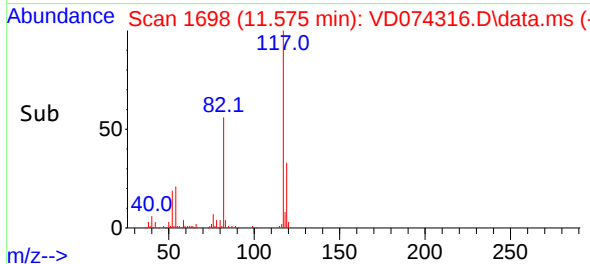
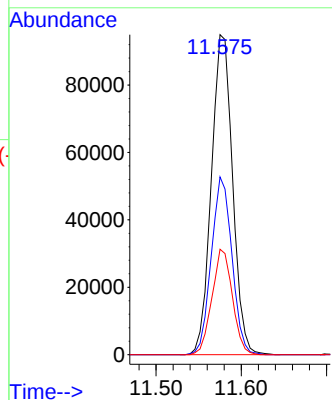
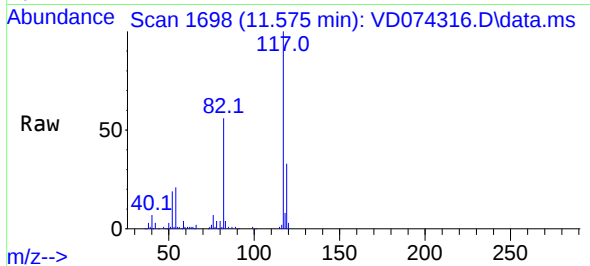




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074316.D
Acq: 15 Sep 2022 18:54

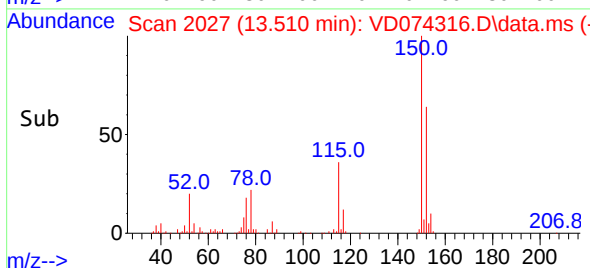
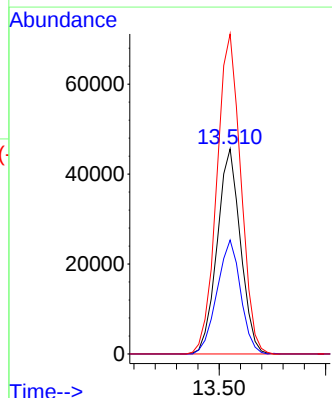
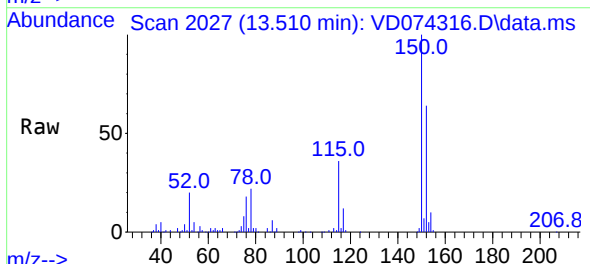
Instrument :
MSVOA_Y
ClientSampleId :
MBD-MP-1-45-46

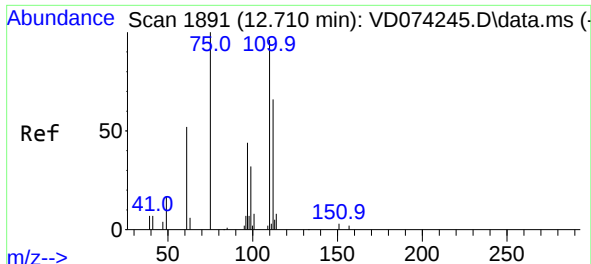
Tgt Ion:	117	Resp:	164252
Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.2	66.2
119	32.9	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.012 min
Lab File: VD074316.D
Acq: 15 Sep 2022 18:54

Tgt Ion:	152	Resp:	69266
Ion	Ratio	Lower	Upper
152	100		
115	56.3	28.4	85.2
150	160.3	0.0	351.0

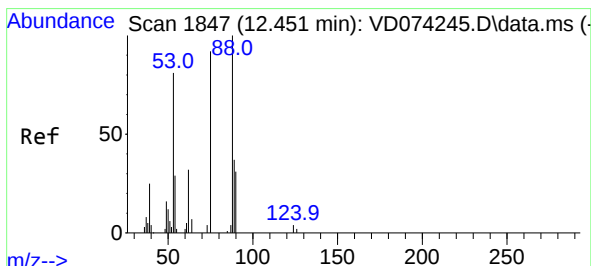
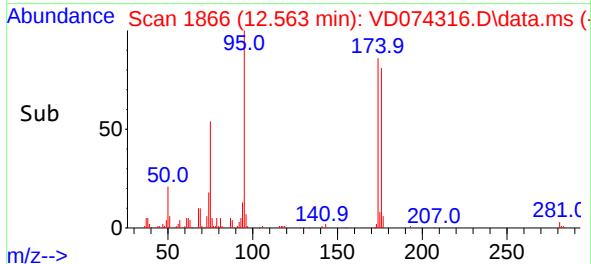
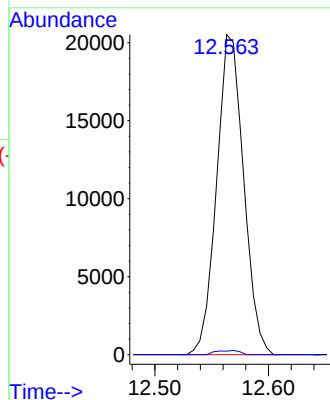
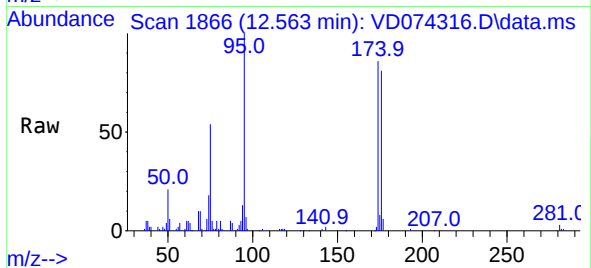




#76
1,2,3-Trichloropropane
Concen: 47.693 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. -0.147 min
Lab File: VD074316.D
Acq: 15 Sep 2022 18:54

Instrument :
MSVOA_Y
ClientSampleId :
MBD-MP-1-45-46

Tgt Ion: 75 Resp: 33866
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 117.590 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.112 min
Lab File: VD074316.D
Acq: 15 Sep 2022 18:54

Tgt Ion: 75 Resp: 33866
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

