

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091522\
 Data File : VD074312.D
 Acq On : 15 Sep 2022 17:02
 Operator : VA/SY
 Sample : N4538-02
 Misc : 5.77G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MBD-SB-1-4-5

Quant Time: Sep 16 05:54:58 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)

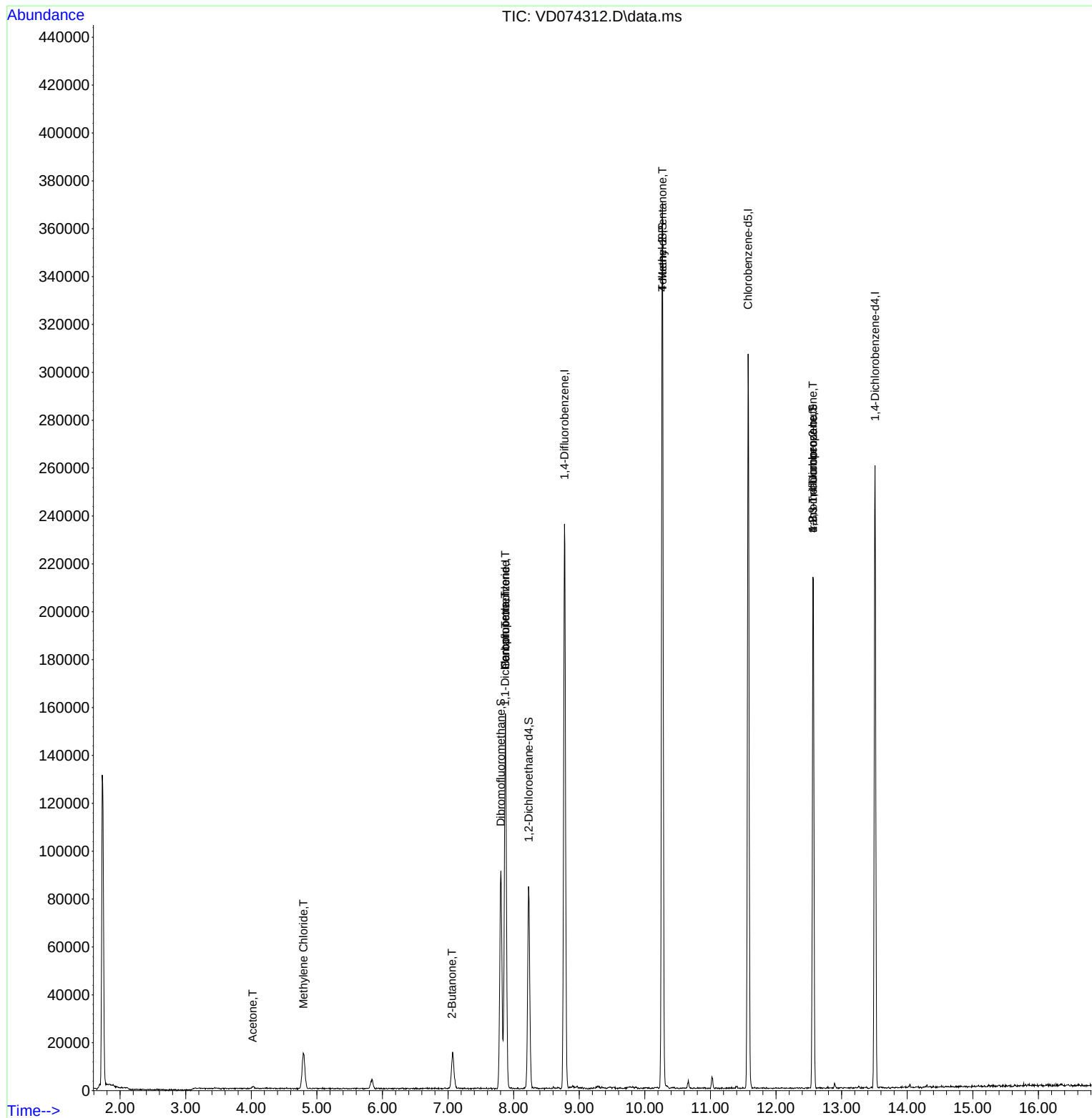
Internal Standards						
1) Pentafluorobenzene	7.875	168	118539	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	208326	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	177344	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	69733	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	64217	53.137	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.280%	
35) Dibromofluoromethane	7.804	113	65255	46.581	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.160%	
50) Toluene-d8	10.269	98	257613	50.446	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.900%	
62) 4-Bromofluorobenzene	12.563	95	66459	35.217	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 70.440%	
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	1344	5.388	ug/l #	42
20) Methylene Chloride	4.793	84	11555	1.745	ug/l #	88
25) 2-Butanone	7.057	43	436	1.048	ug/l #	48
36) 1,1-Dichloropropene	7.869	75	9829	4.359	ug/l #	48
38) Carbon Tetrachloride	7.875	117	11523	5.648	ug/l #	16
51) 4-Methyl-2-Pentanone	10.269	43	1111	1.164	ug/l #	1
76) 1,2,3-Trichloropropane	12.563	75	36831	51.521	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.563	75	36831	127.029	ug/l #	100

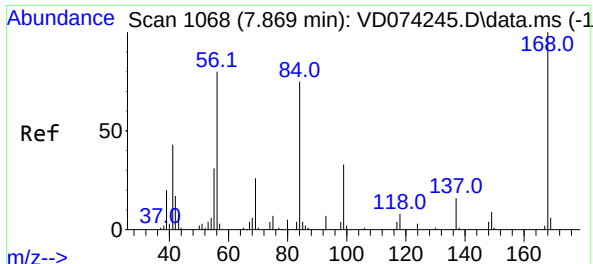
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MBD-SB-1-4-5

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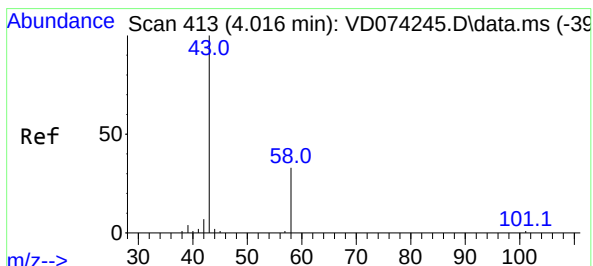
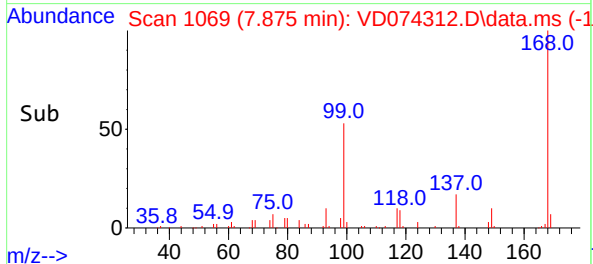
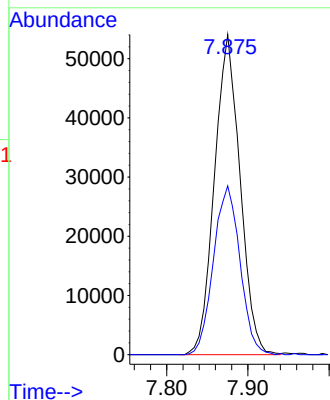
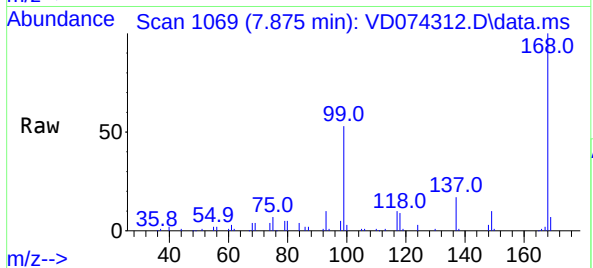




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VD074312.D
Acq: 15 Sep 2022 17:02

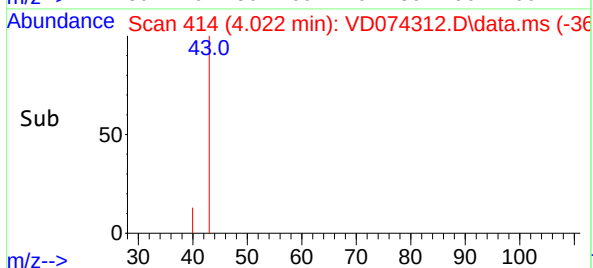
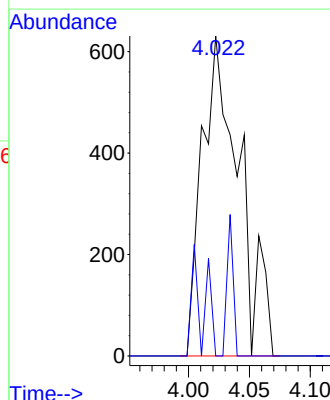
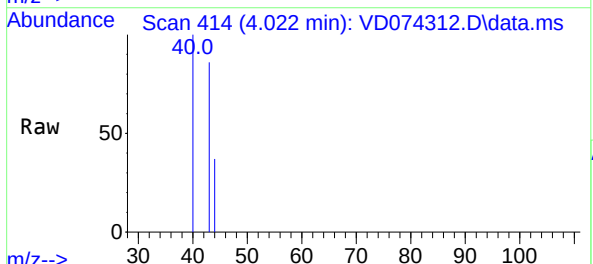
Instrument :
MSVOA_Y
ClientSampleId :
MBD-SB-1-4-5

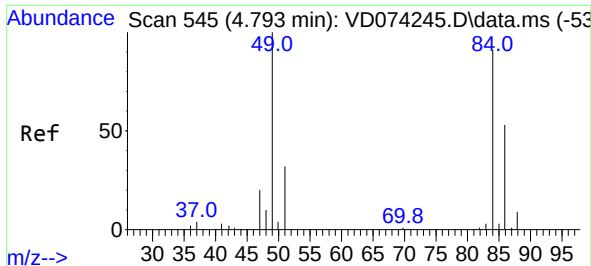
Tgt Ion:168 Resp: 118539
Ion Ratio Lower Upper
168 100
99 52.7 43.0 64.6



#16
Acetone
Concen: 5.388 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD074312.D
Acq: 15 Sep 2022 17:02

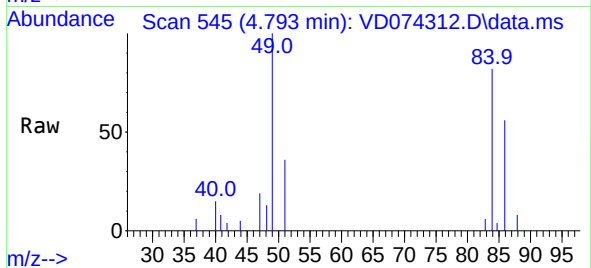
Tgt Ion: 43 Resp: 1344
Ion Ratio Lower Upper
43 100
58 0.0 26.4 39.6#



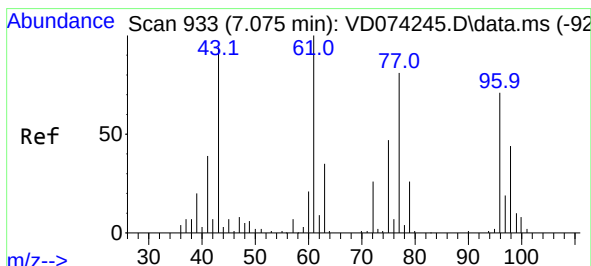
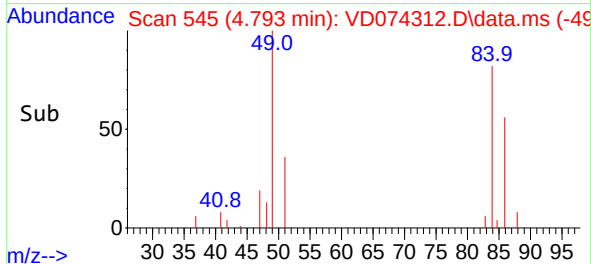
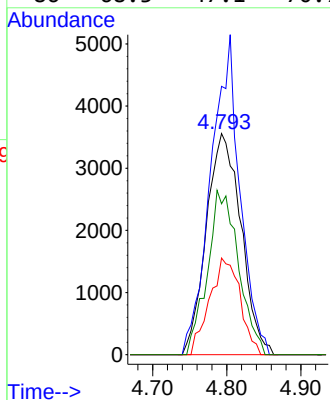


#20
Methylene Chloride
Concen: 1.745 ug/l
RT: 4.793 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD074312.D
Acq: 15 Sep 2022 17:02

Instrument :
MSVOA_Y
ClientSampleId :
MBD-SB-1-4-5

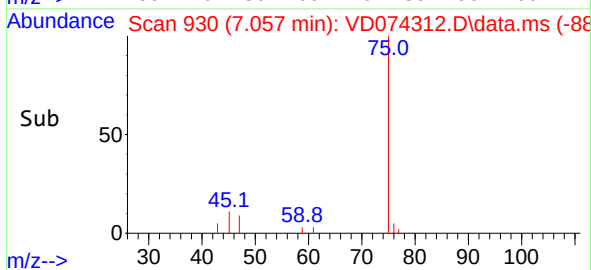
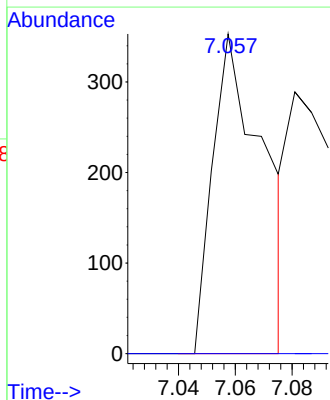
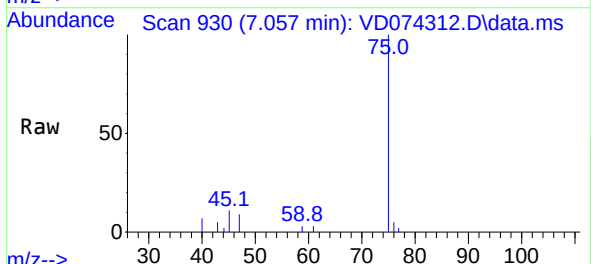


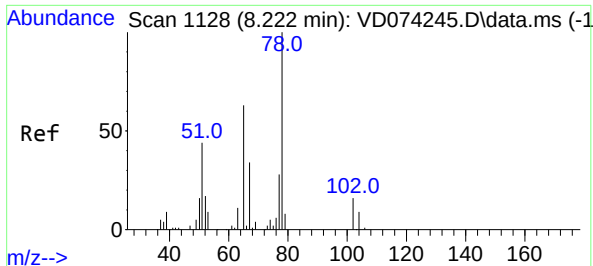
Tgt Ion:	84	Resp:	11555
Ion	Ratio	Lower	Upper
84	100		
49	121.4	88.4	132.6
51	43.7	28.0	42.0#
86	68.3	47.1	70.7



#25
2-Butanone
Concen: 1.048 ug/l
RT: 7.057 min Scan# 930
Delta R.T. -0.018 min
Lab File: VD074312.D
Acq: 15 Sep 2022 17:02

Tgt Ion:	43	Resp:	436
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.8	32.6#

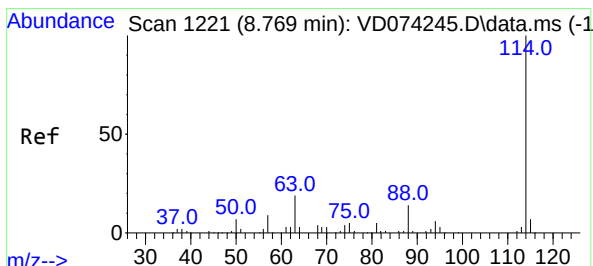
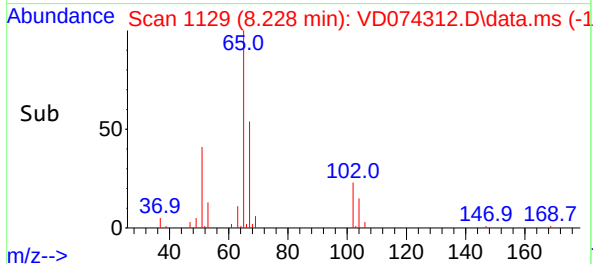
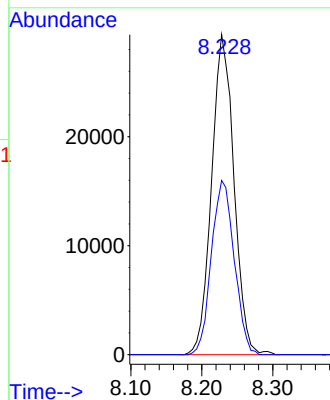
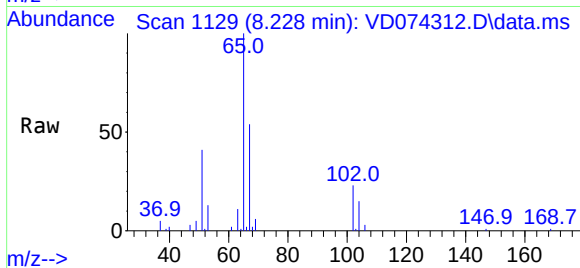




#33
1,2-Dichloroethane-d4
Concen: 53.137 ug/l
RT: 8.228 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VD074312.D
Acq: 15 Sep 2022 17:02

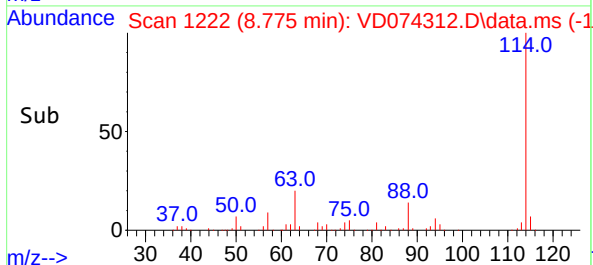
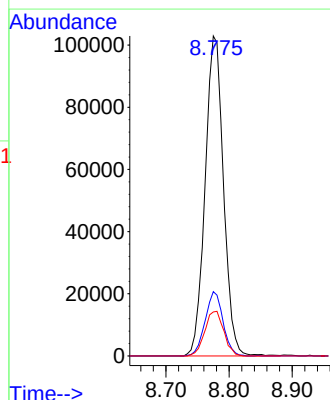
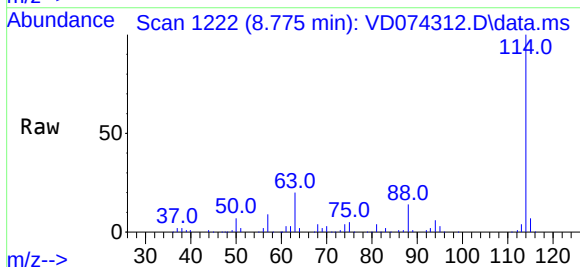
Instrument :
MSVOA_Y
ClientSampleId :
MBD-SB-1-4-5

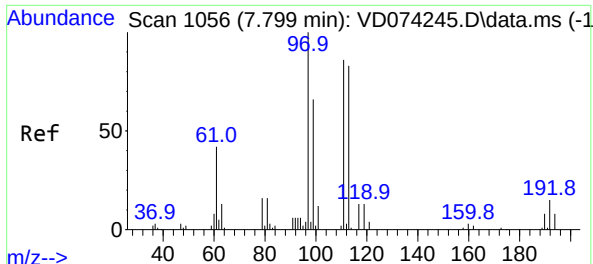
Tgt Ion: 65 Resp: 64217
Ion Ratio Lower Upper
65 100
67 55.6 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VD074312.D
Acq: 15 Sep 2022 17:02

Tgt Ion: 114 Resp: 208326
Ion Ratio Lower Upper
114 100
63 20.1 0.0 37.6
88 13.8 0.0 28.4



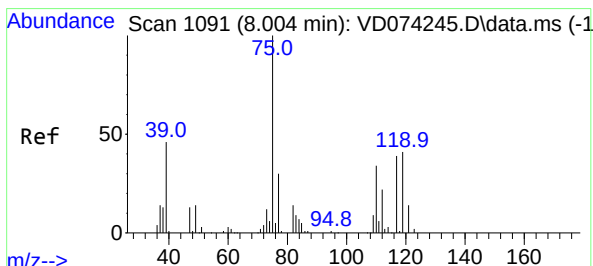
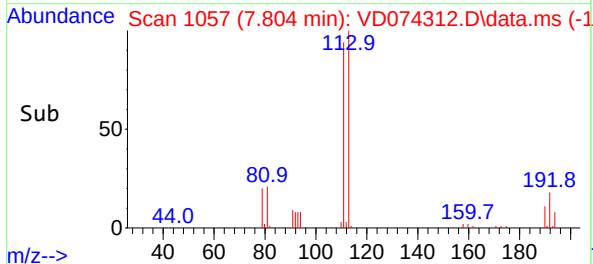
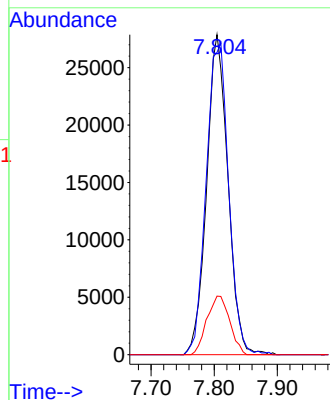
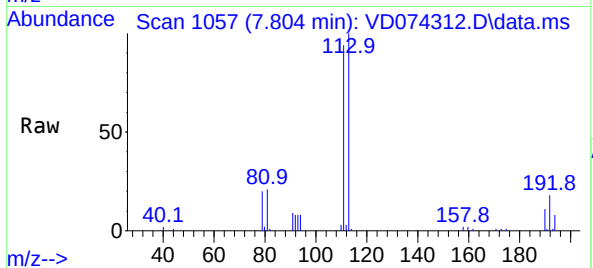


#35
 Dibromofluoromethane
 Concen: 46.581 ug/l
 RT: 7.804 min Scan# 1056
 Delta R.T. 0.005 min
 Lab File: VD074312.D
 Acq: 15 Sep 2022 17:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 MBD-SB-1-4-5

Tgt Ion: 113 Resp: 65255

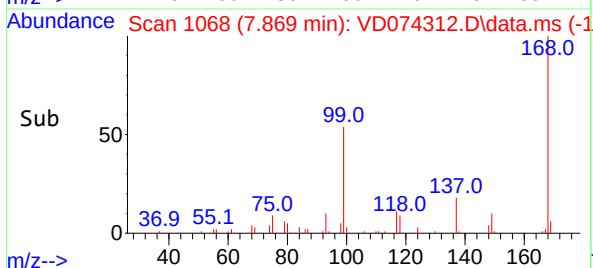
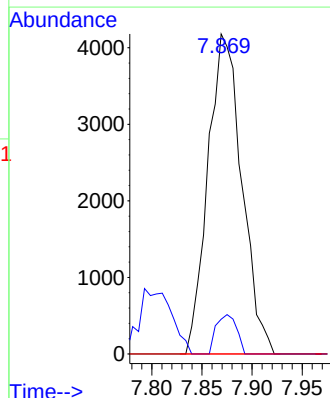
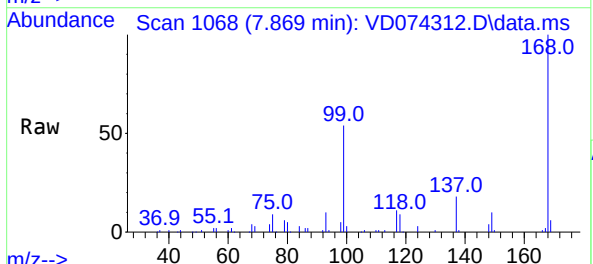
Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.0	124.6
192	19.6	16.2	24.2

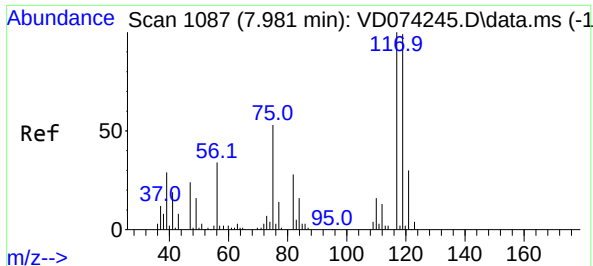


#36
 1,1-Dichloropropene
 Concen: 4.359 ug/l
 RT: 7.869 min Scan# 1068
 Delta R.T. -0.135 min
 Lab File: VD074312.D
 Acq: 15 Sep 2022 17:02

Tgt Ion: 75 Resp: 9829

Ion	Ratio	Lower	Upper
75	100		
110	7.4	17.5	52.5#
77	0.0	24.8	37.2#

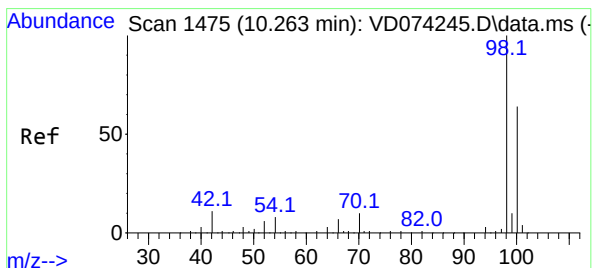
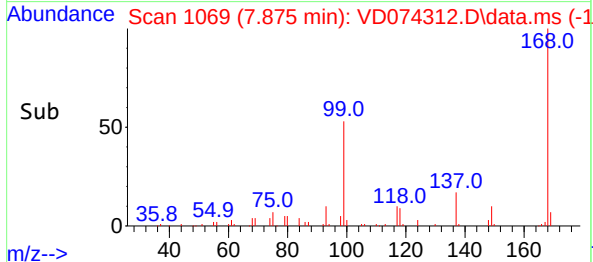
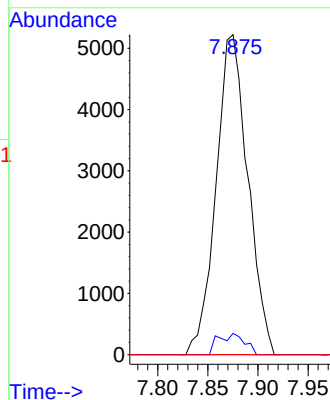
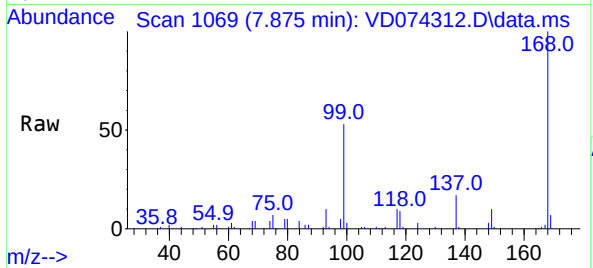




#38
Carbon Tetrachloride
Concen: 5.648 ug/l
RT: 7.875 min Scan# 1087
Delta R.T. -0.106 min
Lab File: VD074312.D
Acq: 15 Sep 2022 17:02

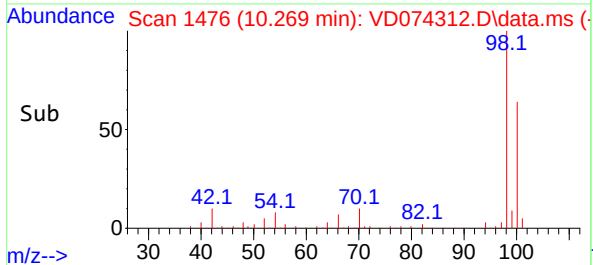
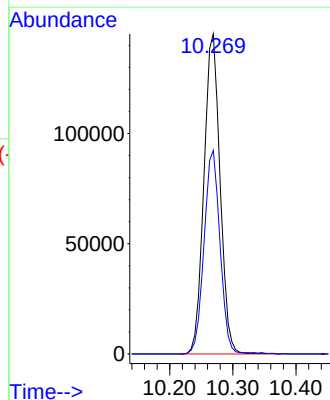
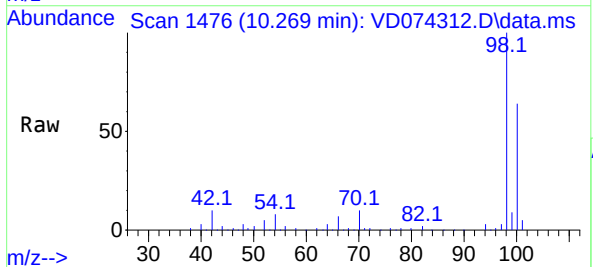
Instrument :
MSVOA_Y
ClientSampleId :
MBD-SB-1-4-5

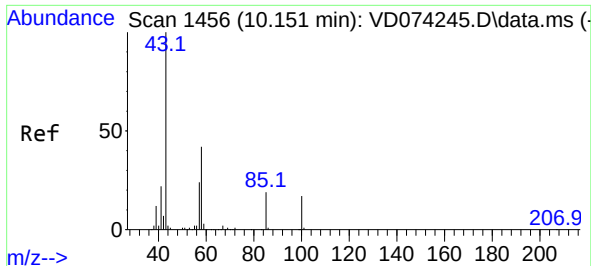
Tgt Ion:117 Resp: 11523
Ion Ratio Lower Upper
117 100
119 6.6 78.8 118.2#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 50.446 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD074312.D
Acq: 15 Sep 2022 17:02

Tgt Ion: 98 Resp: 257613
Ion Ratio Lower Upper
98 100
100 62.7 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 1.164 ug/l

RT: 10.269 min Scan# 1456

Delta R.T. 0.118 min

Lab File: VD074312.D

Acq: 15 Sep 2022 17:02

Instrument :

MSVOA_Y

ClientSampleId :

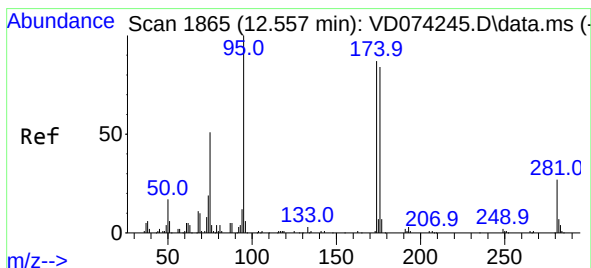
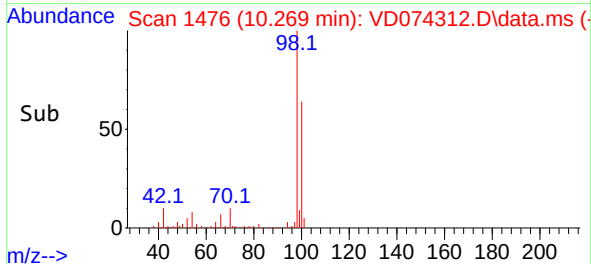
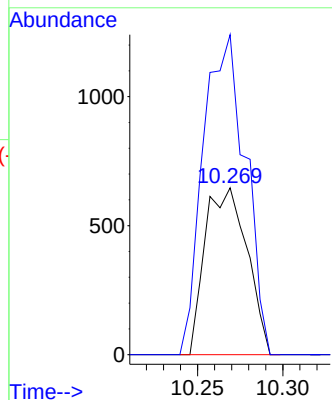
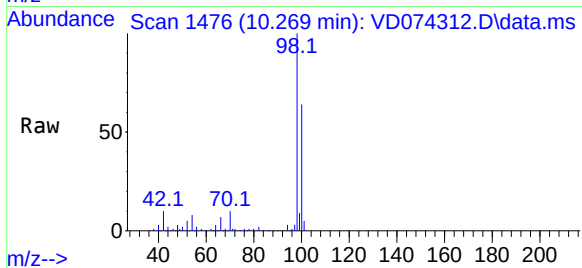
MBD-SB-1-4-5

Tgt Ion: 43 Resp: 1111

Ion Ratio Lower Upper

43 100

58 192.4 33.3 49.9#



#62

4-Bromofluorobenzene

Concen: 35.217 ug/l

RT: 12.563 min Scan# 1866

Delta R.T. 0.006 min

Lab File: VD074312.D

Acq: 15 Sep 2022 17:02

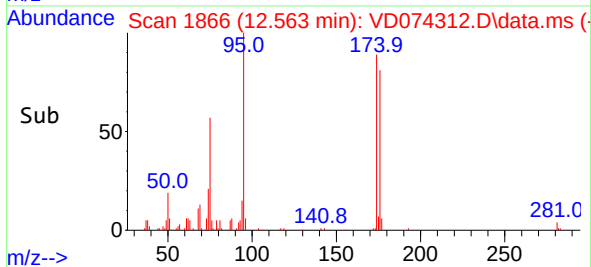
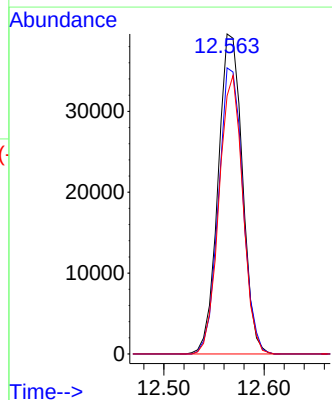
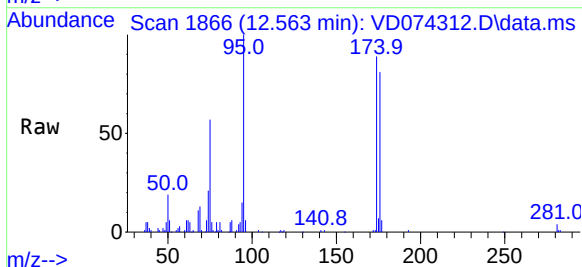
Tgt Ion: 95 Resp: 66459

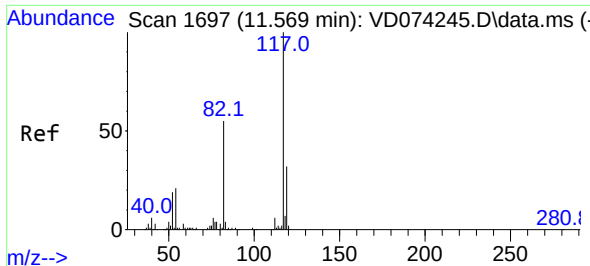
Ion Ratio Lower Upper

95 100

174 89.4 0.0 179.2

176 84.9 0.0 171.4

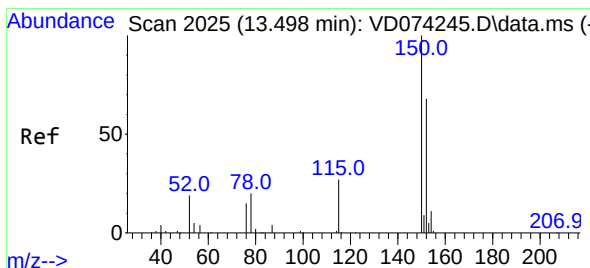
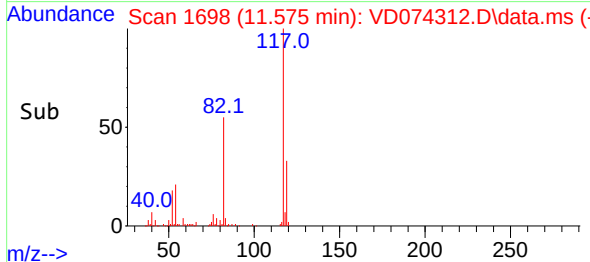
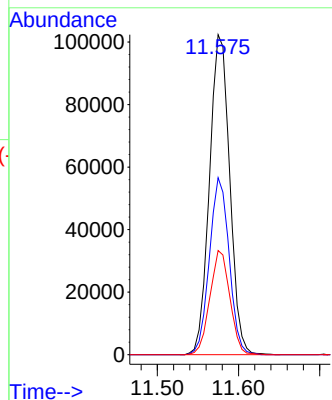
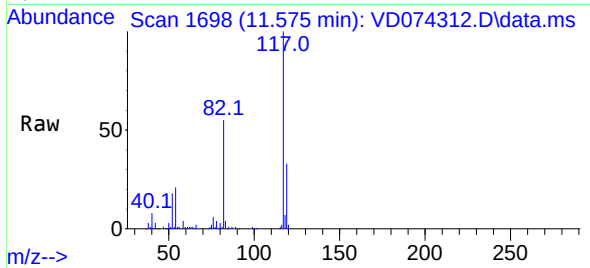




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD074312.D
Acq: 15 Sep 2022 17:02

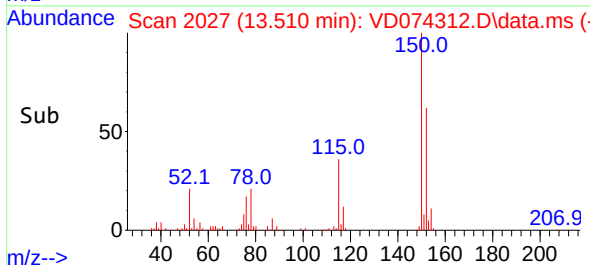
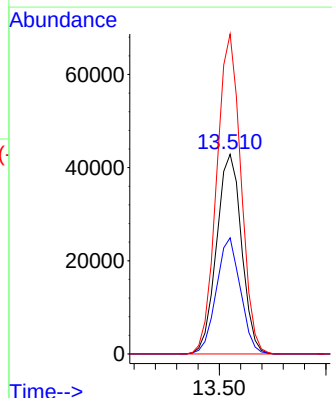
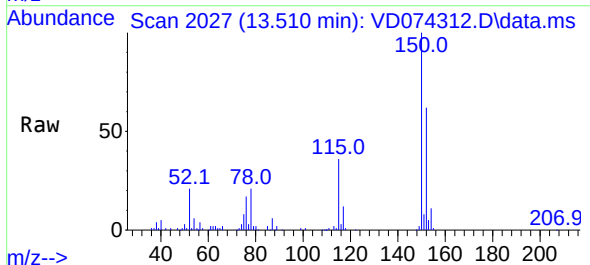
Instrument :
MSVOA_Y
ClientSampleId :
MBD-SB-1-4-5

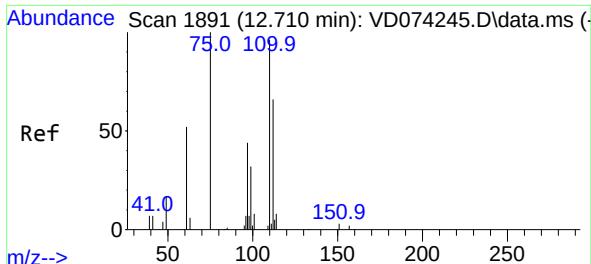
Tgt Ion:117 Resp: 177344
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.2
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.012 min
Lab File: VD074312.D
Acq: 15 Sep 2022 17:02

Tgt Ion:152 Resp: 69733
Ion Ratio Lower Upper
152 100
115 56.3 28.4 85.2
150 155.3 0.0 351.0

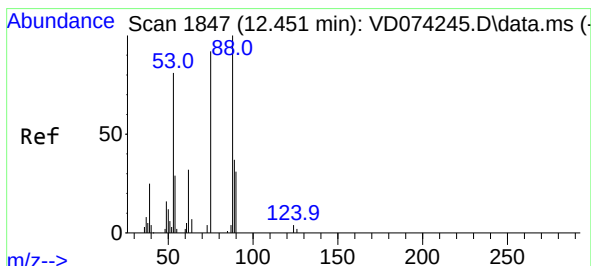
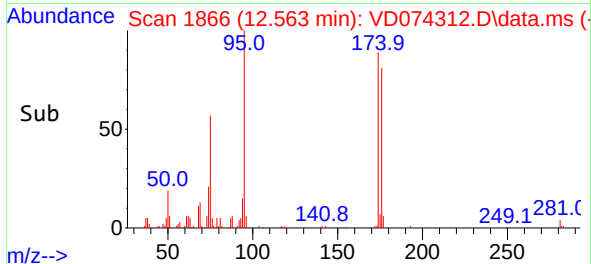
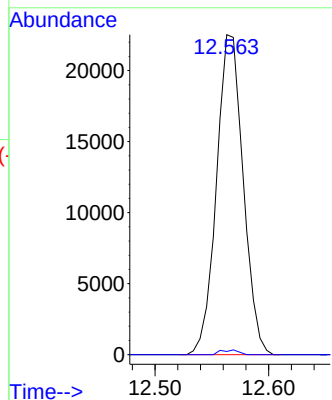
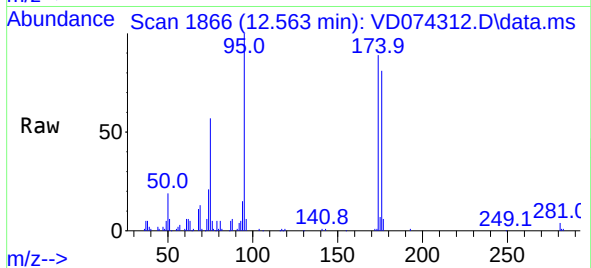




#76
1,2,3-Trichloropropane
Concen: 51.521 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. -0.147 min
Lab File: VD074312.D
Acq: 15 Sep 2022 17:02

Instrument :
MSVOA_Y
ClientSampleId :
MBD-SB-1-4-5

Tgt Ion: 75 Resp: 36831
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 127.029 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.112 min
Lab File: VD074312.D
Acq: 15 Sep 2022 17:02

Tgt Ion: 75 Resp: 36831
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

