

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091522\
 Data File : VD074313.D
 Acq On : 15 Sep 2022 17:30
 Operator : VA/SY
 Sample : N4538-03
 Misc : 5.24G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MBD-SB-2-0-1

Quant Time: Sep 16 05:55:06 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)

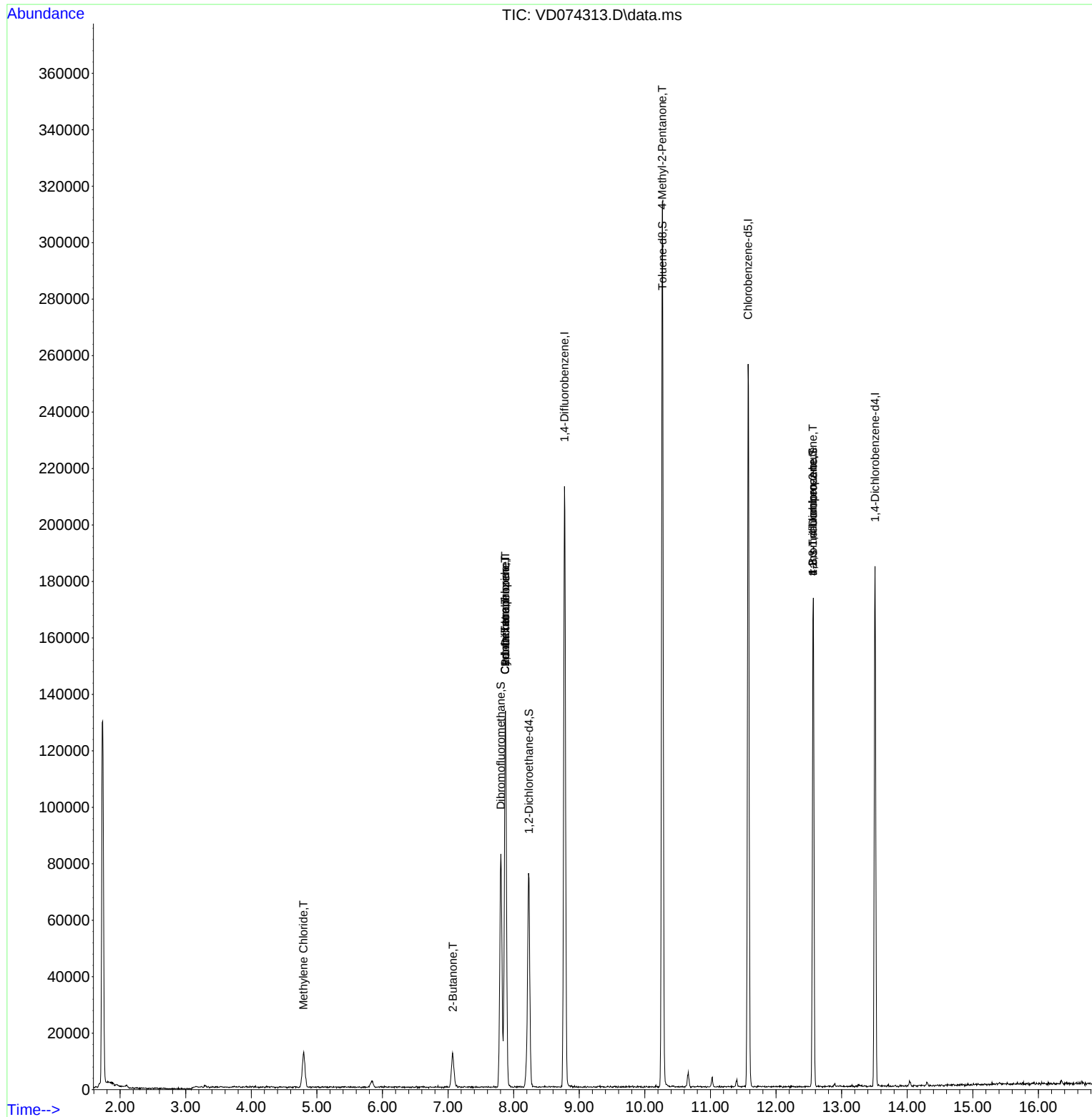
Internal Standards						
1) Pentafluorobenzene	7.875	168	103204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	188259	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	147198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	49409	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	58405	55.509	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.020%
35) Dibromofluoromethane	7.804	113	59823	47.307	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.620%
50) Toluene-d8	10.269	98	214195	46.415	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.820%
62) 4-Bromofluorobenzene	12.563	95	52768	29.967	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	59.940%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.793	84	9277	1.071	ug/l	95
25) 2-Butanone	7.075	43	566	1.563	ug/l #	48
31) Cyclohexane	7.869	56	2198	1.011	ug/l #	16
36) 1,1-Dichloropropene	7.875	75	8790	4.314	ug/l #	50
38) Carbon Tetrachloride	7.869	117	10409	5.646	ug/l #	15
51) 4-Methyl-2-Pentanone	10.263	43	893	1.035	ug/l #	1
76) 1,2,3-Trichloropropane	12.563	75	27904	55.090	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.563	75	27904	135.828	ug/l #	100

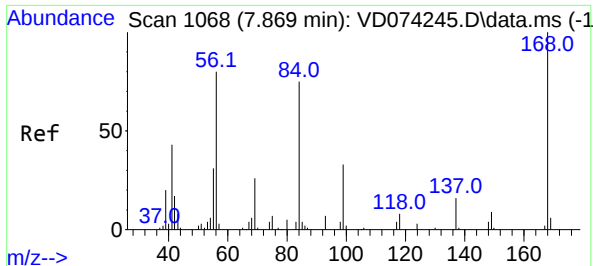
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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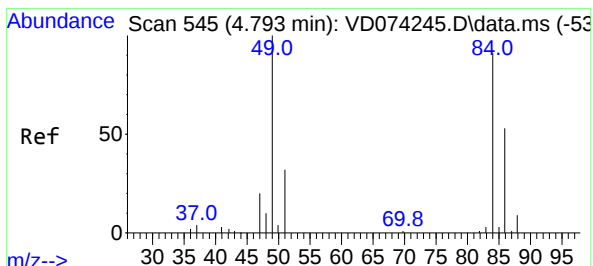
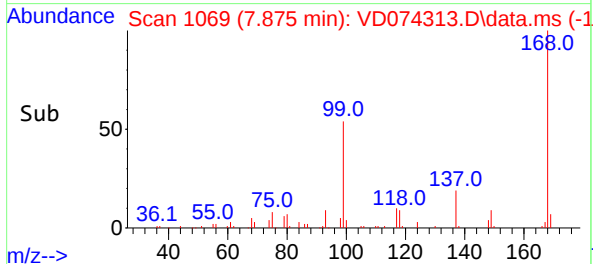
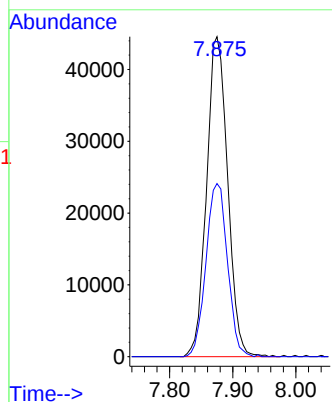
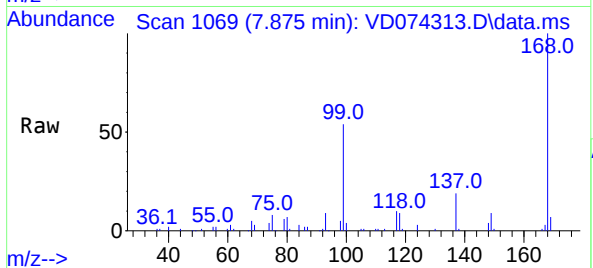




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VD074313.D
Acq: 15 Sep 2022 17:30

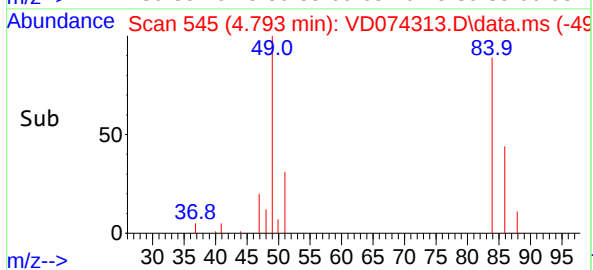
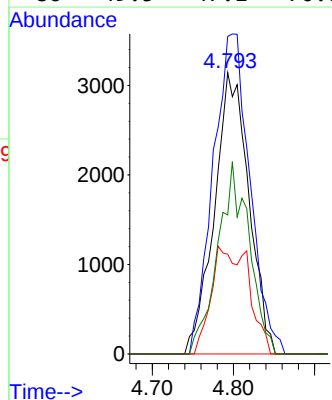
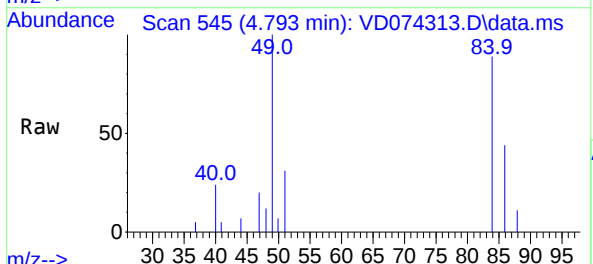
Instrument :
MSVOA_Y
ClientSampleId :
MBD-SB-2-0-1

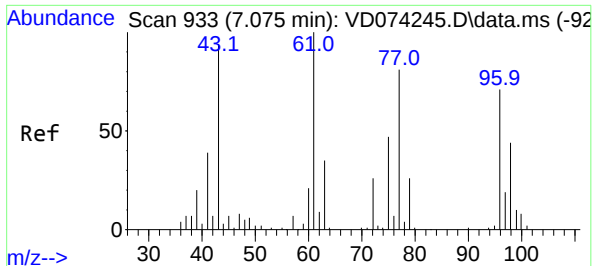
Tgt Ion:168 Resp: 103204
Ion Ratio Lower Upper
168 100
99 54.1 43.0 64.6



#20
Methylene Chloride
Concen: 1.071 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD074313.D
Acq: 15 Sep 2022 17:30

Tgt Ion: 84 Resp: 9277
Ion Ratio Lower Upper
84 100
49 113.0 88.4 132.6
51 35.5 28.0 42.0
86 49.5 47.1 70.7

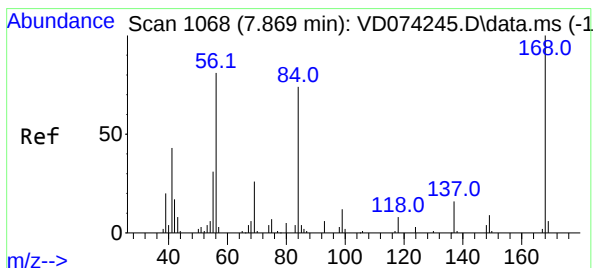
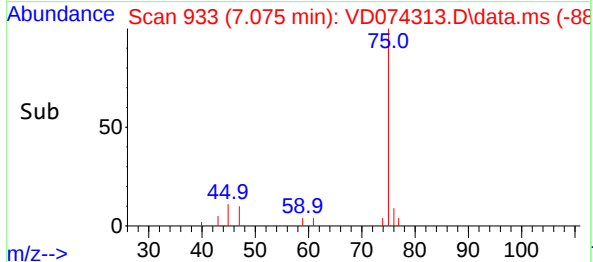
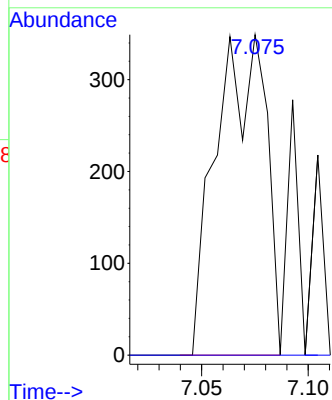
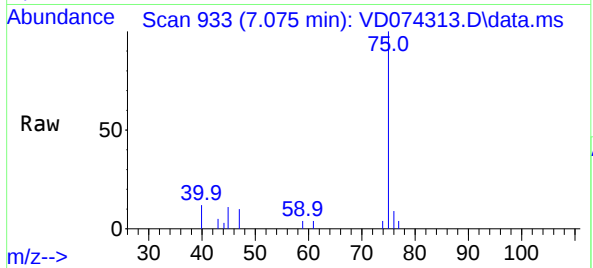




#25
2-Butanone
Concen: 1.563 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD074313.D
Acq: 15 Sep 2022 17:30

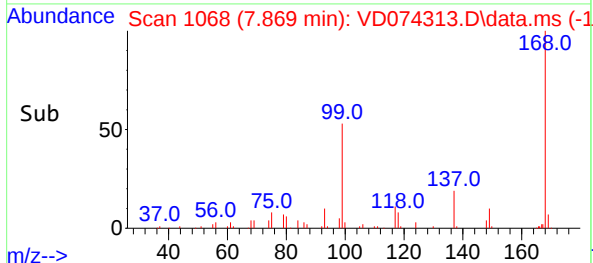
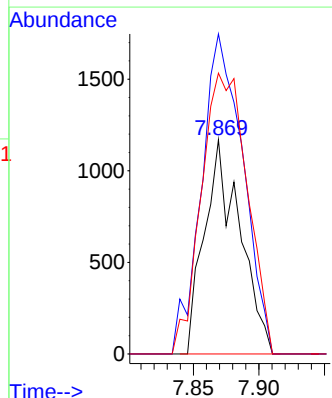
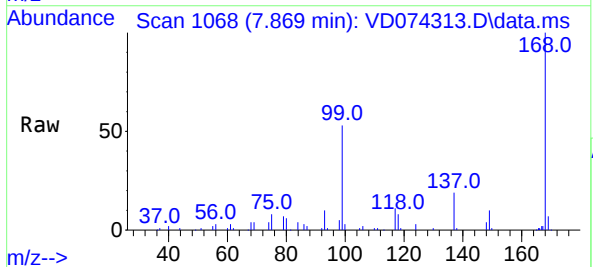
Instrument :
MSVOA_Y
ClientSampleId :
MBD-SB-2-0-1

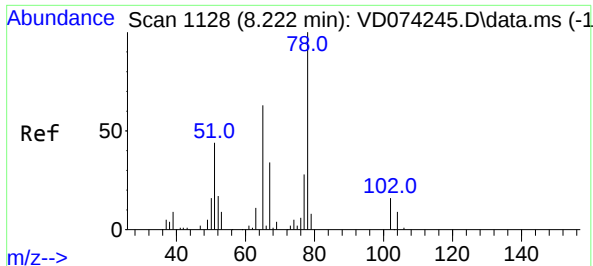
Tgt Ion: 43 Resp: 566
Ion Ratio Lower Upper
43 100
72 0.0 21.8 32.6#



#31
Cyclohexane
Concen: 1.011 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VD074313.D
Acq: 15 Sep 2022 17:30

Tgt Ion: 56 Resp: 2198
Ion Ratio Lower Upper
56 100
69 149.3 25.7 38.5#
84 131.0 73.9 110.9#





#33

1,2-Dichloroethane-d4

Concen: 55.509 ug/l

RT: 8.234 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VD074313.D

Acq: 15 Sep 2022 17:30

Instrument :

MSVOA_Y

ClientSampleId :

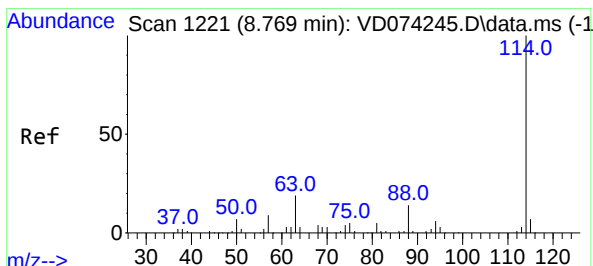
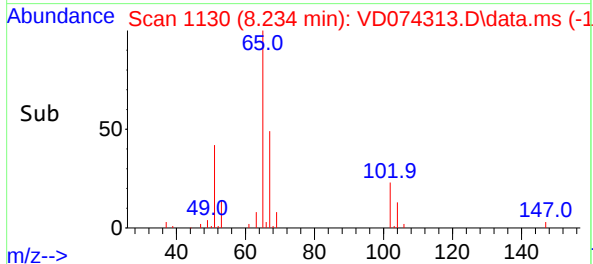
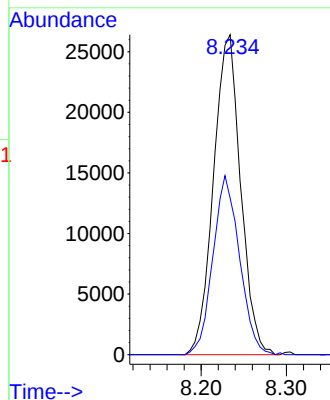
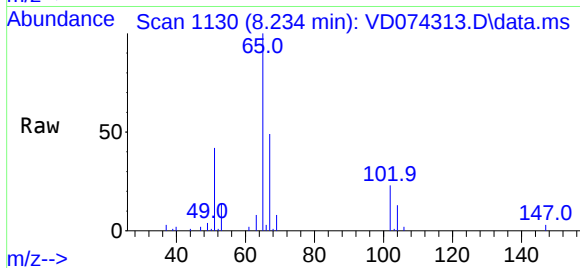
MBD-SB-2-0-1

Tgt Ion: 65 Resp: 58405

Ion Ratio Lower Upper

65 100

67 54.8 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: VD074313.D

Acq: 15 Sep 2022 17:30

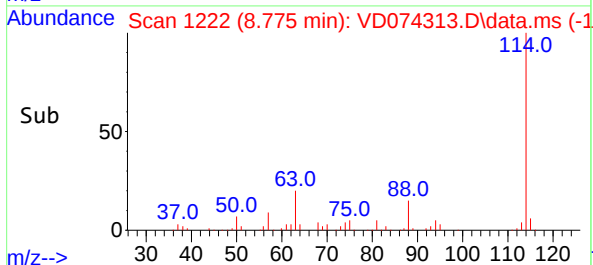
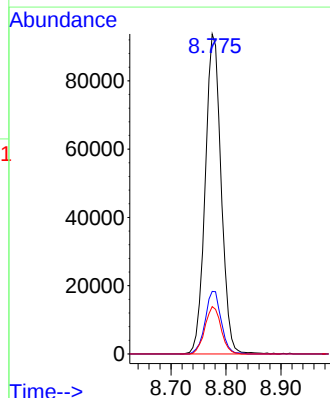
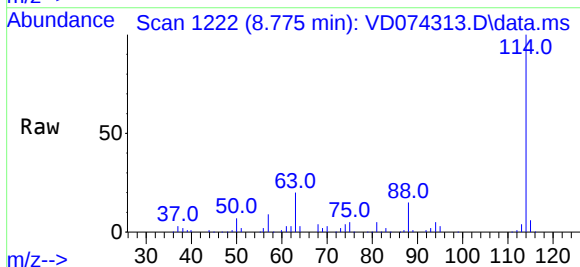
Tgt Ion: 114 Resp: 188259

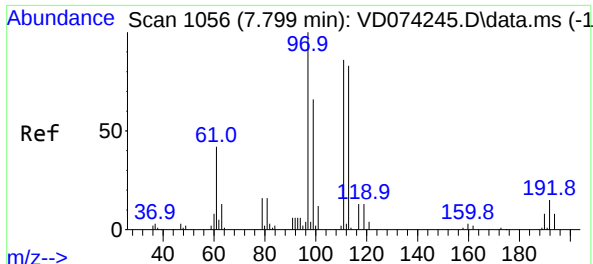
Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.6

88 14.8 0.0 28.4

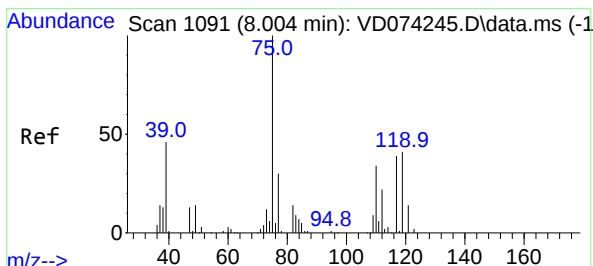
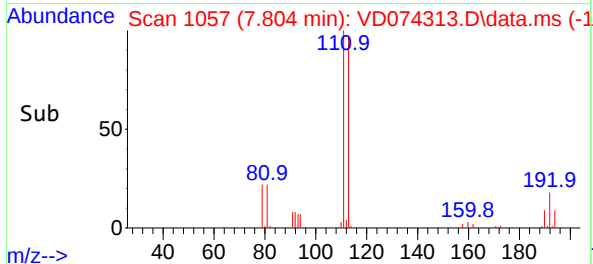
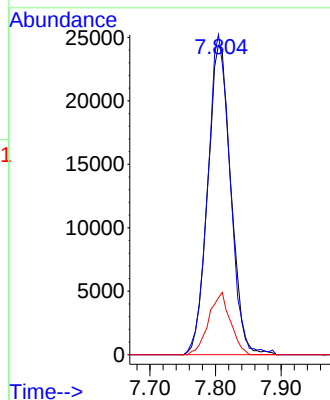
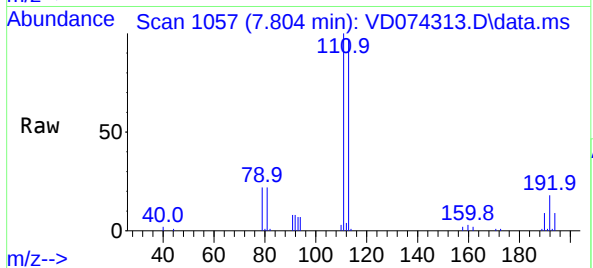




#35
Dibromofluoromethane
Concen: 47.307 ug/l
RT: 7.804 min Scan# 1069
Delta R.T. 0.005 min
Lab File: VD074313.D
Acq: 15 Sep 2022 17:30

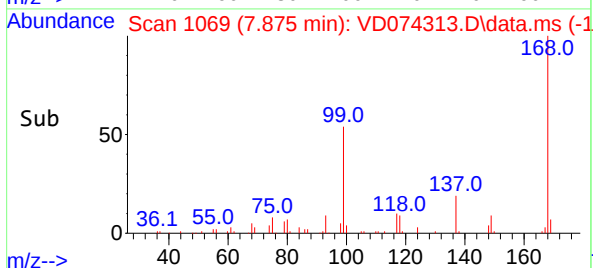
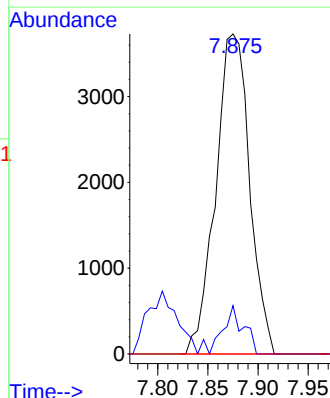
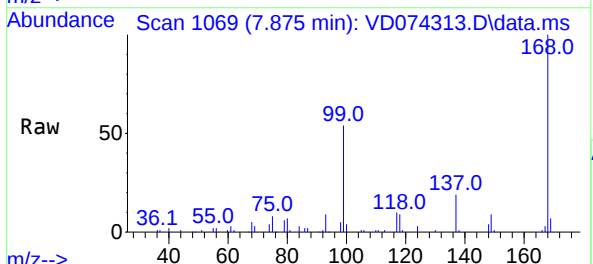
Instrument :
MSVOA_Y
ClientSampleId :
MBD-SB-2-0-1

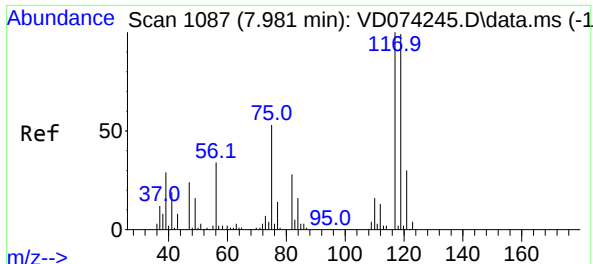
Tgt Ion:113 Resp: 59823
Ion Ratio Lower Upper
113 100
111 100.4 83.0 124.6
192 18.9 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.314 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.129 min
Lab File: VD074313.D
Acq: 15 Sep 2022 17:30

Tgt Ion: 75 Resp: 8790
Ion Ratio Lower Upper
75 100
110 9.6 17.5 52.5#
77 0.0 24.8 37.2#

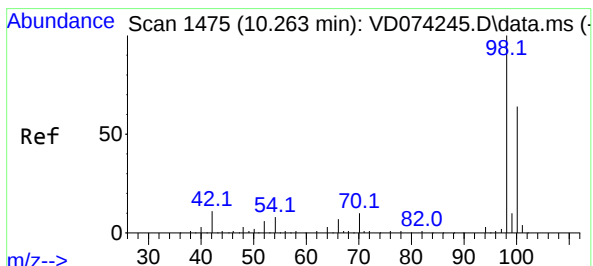
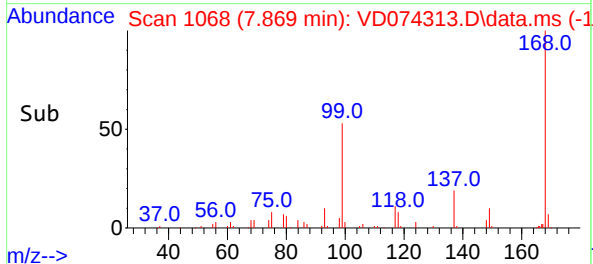
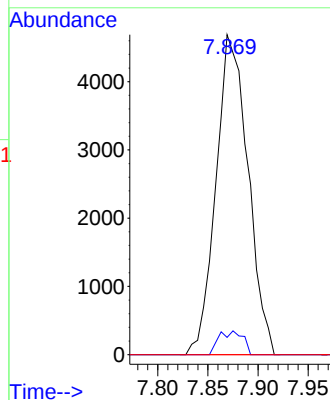
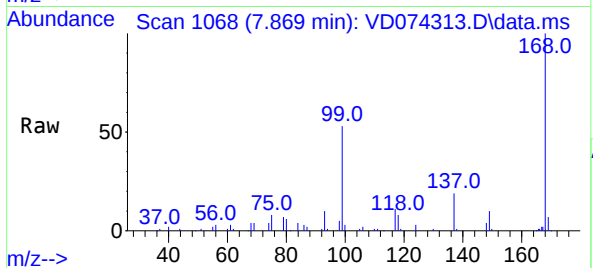




#38
Carbon Tetrachloride
Concen: 5.646 ug/l
RT: 7.869 min Scan# 1087
Delta R.T. -0.112 min
Lab File: VD074313.D
Acq: 15 Sep 2022 17:30

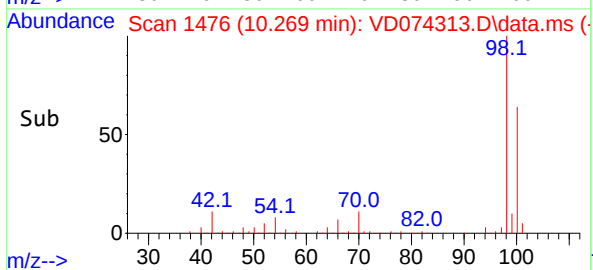
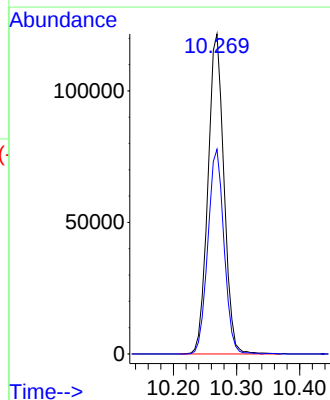
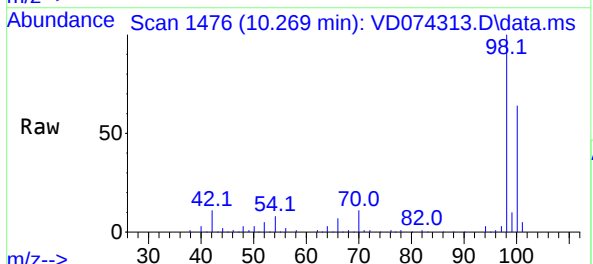
Instrument :
MSVOA_Y
ClientSampleId :
MBD-SB-2-0-1

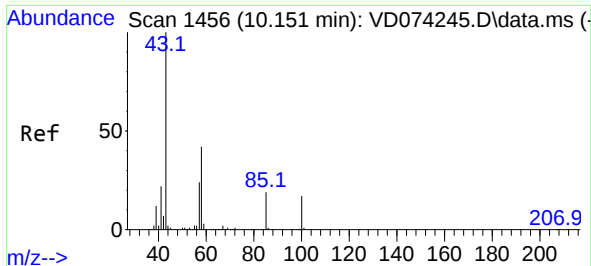
Tgt Ion:117 Resp: 10409
Ion Ratio Lower Upper
117 100
119 5.4 78.8 118.2#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 46.415 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD074313.D
Acq: 15 Sep 2022 17:30

Tgt Ion: 98 Resp: 214195
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.8

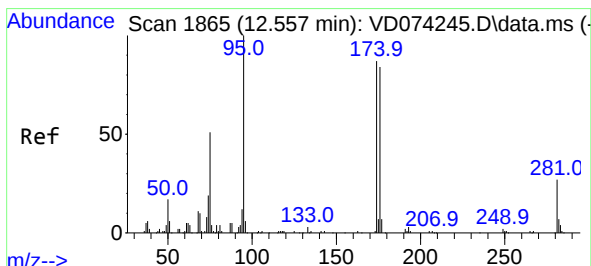
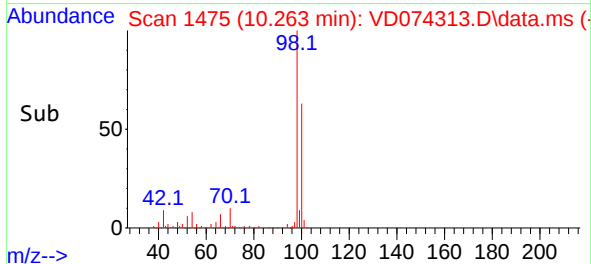
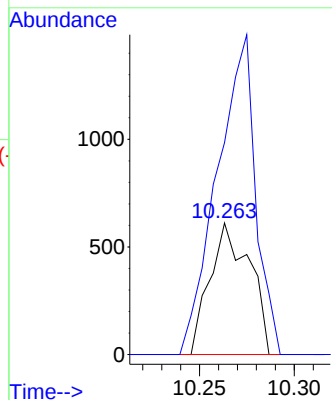
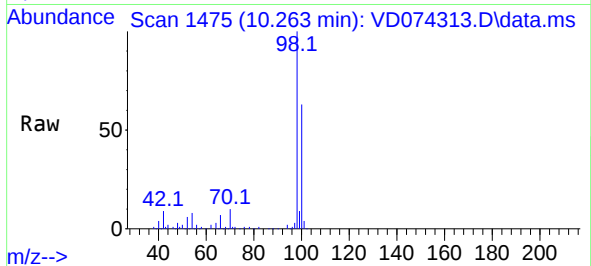




#51
4-Methyl-2-Pentanone
Concen: 1.035 ug/l
RT: 10.263 min Scan# 1456
Delta R.T. 0.112 min
Lab File: VD074313.D
Acq: 15 Sep 2022 17:30

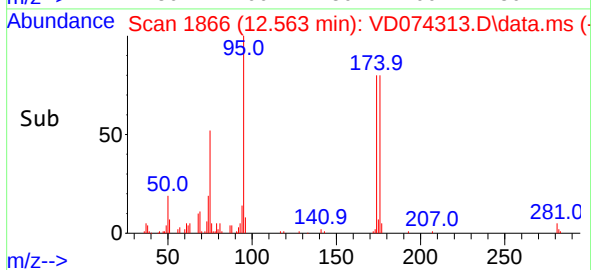
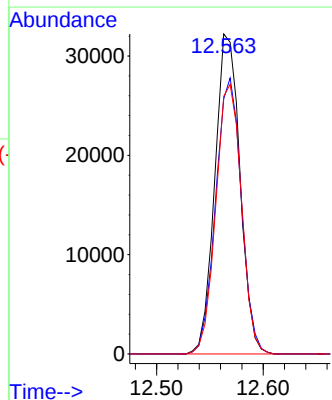
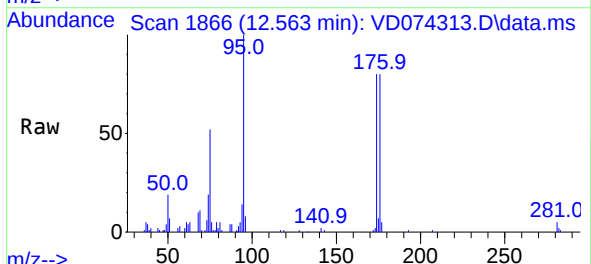
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MBD-SB-2-0-1

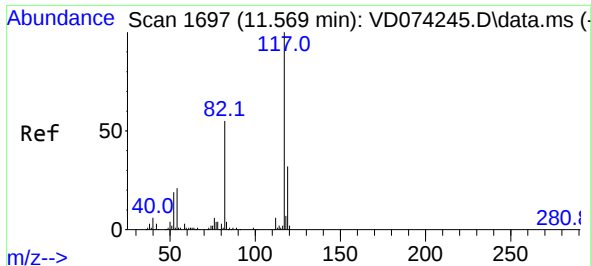
Tgt Ion: 43 Resp: 893
Ion Ratio Lower Upper
43 100
58 234.8 33.3 49.9#



#62
4-Bromofluorobenzene
Concen: 29.967 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD074313.D
Acq: 15 Sep 2022 17:30

Tgt Ion: 95 Resp: 52768
Ion Ratio Lower Upper
95 100
174 87.8 0.0 179.2
176 85.6 0.0 171.4

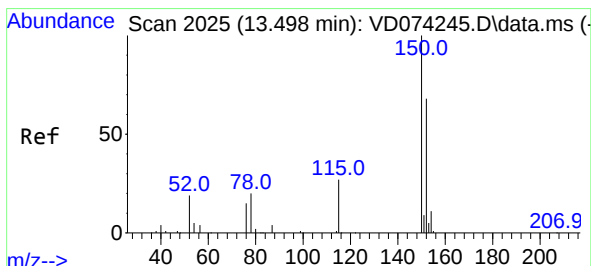
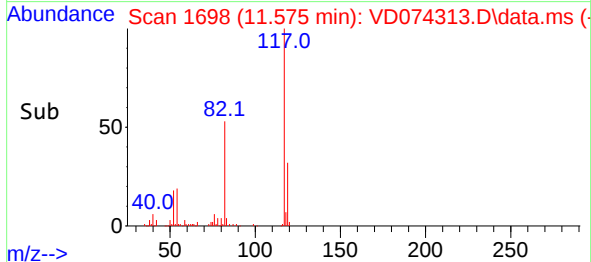
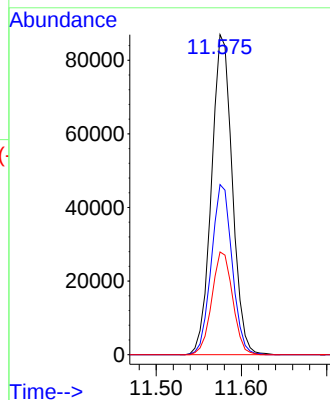
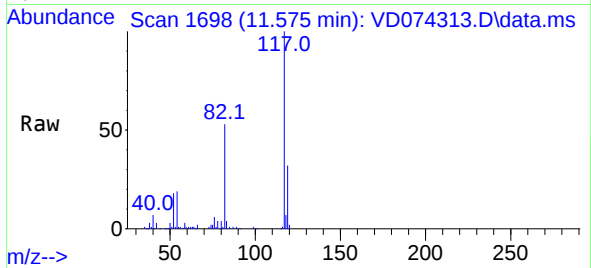




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD074313.D
Acq: 15 Sep 2022 17:30

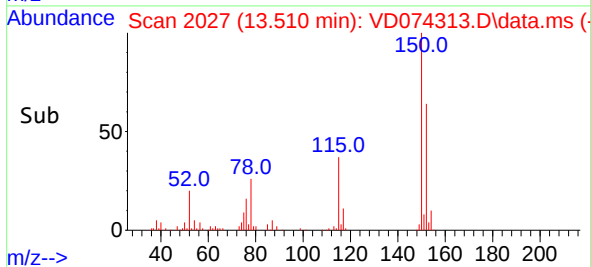
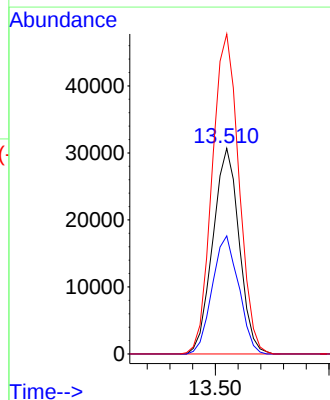
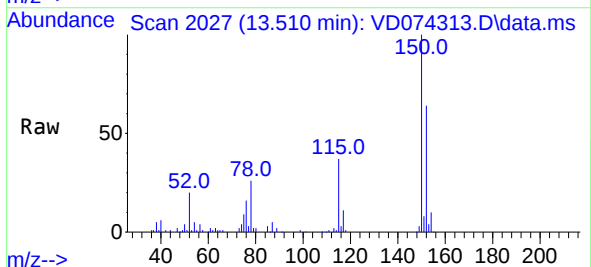
Instrument :
MSVOA_Y
ClientSampleId :
MBD-SB-2-0-1

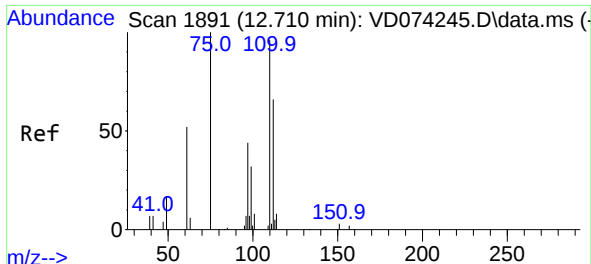
Tgt Ion:117	Resp:	147198
Ion	Ratio	Lower Upper
117	100	
82	53.1	44.2 66.2
119	32.1	25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.012 min
Lab File: VD074313.D
Acq: 15 Sep 2022 17:30

Tgt Ion:152	Resp:	49409
Ion	Ratio	Lower Upper
152	100	
115	57.7	28.4 85.2
150	157.9	0.0 351.0

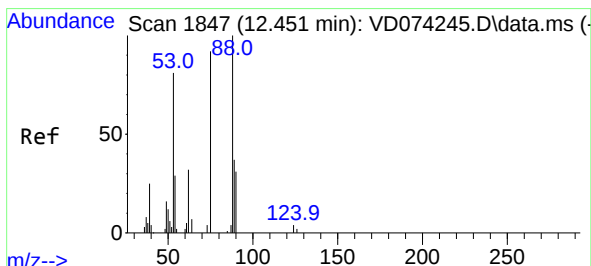
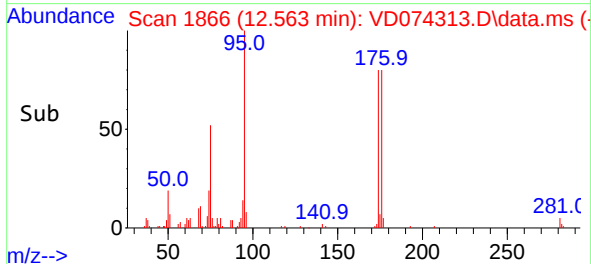
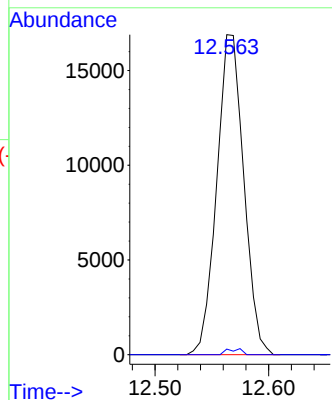
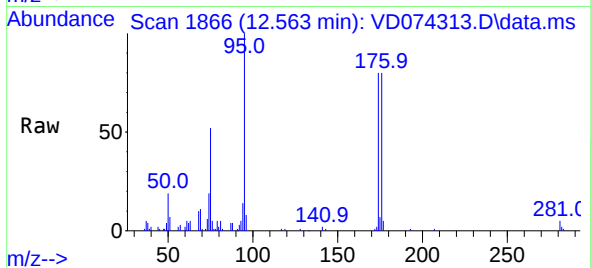




#76
1,2,3-Trichloropropane
Concen: 55.090 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. -0.147 min
Lab File: VD074313.D
Acq: 15 Sep 2022 17:30

Instrument :
MSVOA_Y
ClientSampleId :
MBD-SB-2-0-1

Tgt Ion: 75 Resp: 27904
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 135.828 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.112 min
Lab File: VD074313.D
Acq: 15 Sep 2022 17:30

Tgt Ion: 75 Resp: 27904
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

