

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022123\
 Data File : VD075385.D
 Acq On : 21 Feb 2023 17:17
 Operator : KP/SY
 Sample : 01613-07
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-RW10-GW-908-910

Quant Time: Feb 21 17:59:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 21 16:26:04 2023
 Response via : Initial Calibration

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

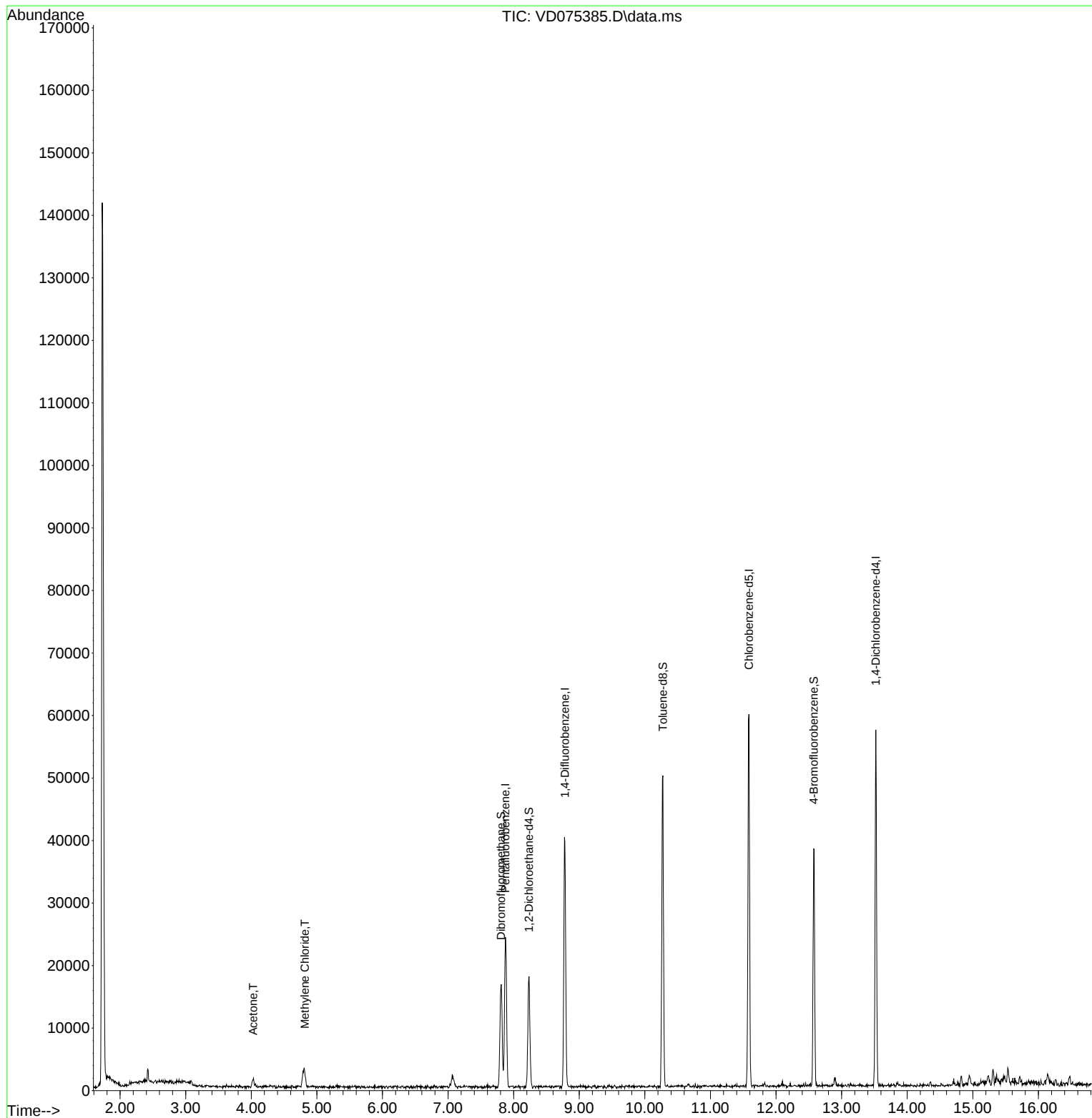
Internal Standards						
1) Pentafluorobenzene	7.875	168	18859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	34165	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	33395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	14672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	13695	86.667	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 173.340%#	
35) Dibromofluoromethane	7.810	113	12128	59.797	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.600%	
50) Toluene-d8	10.275	98	33197	45.354	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 90.700%	
62) 4-Bromofluorobenzene	12.575	95	12093	49.202	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.400%	
Target Compounds						
16) Acetone	4.028	43	1878	38.477	ug/l #	88
20) Methylene Chloride	4.816	84	2261	3.914	ug/l #	80

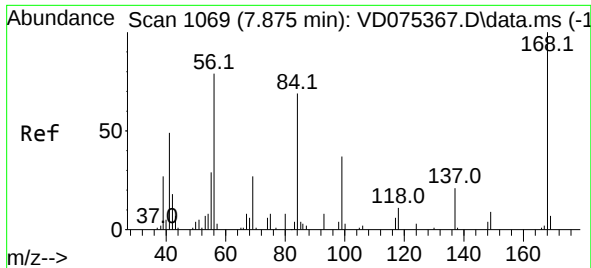
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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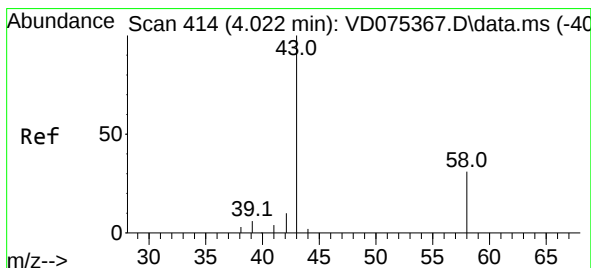
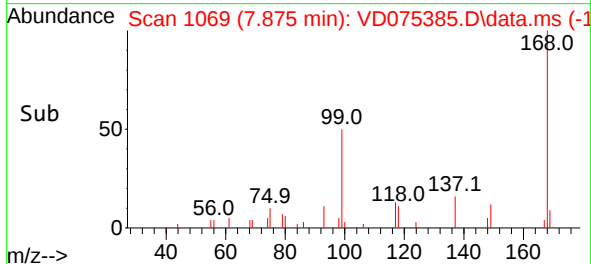
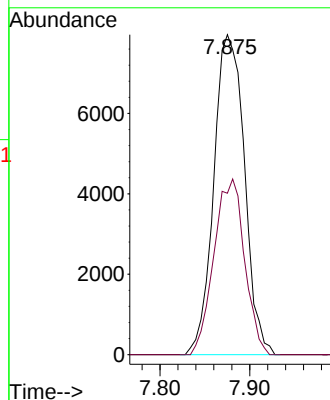
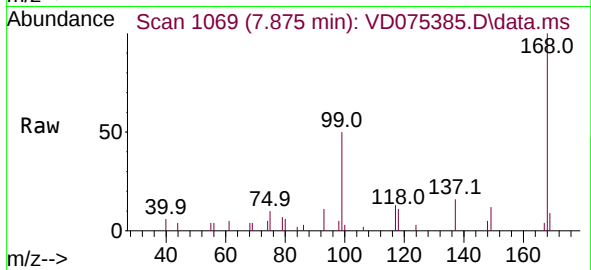




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075385.D
Acq: 21 Feb 2023 17:17

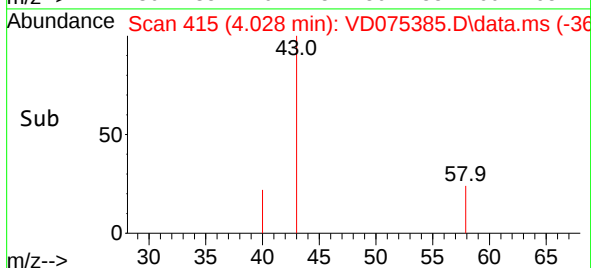
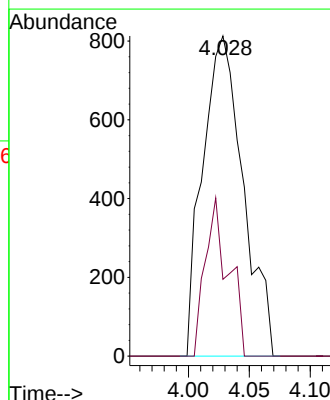
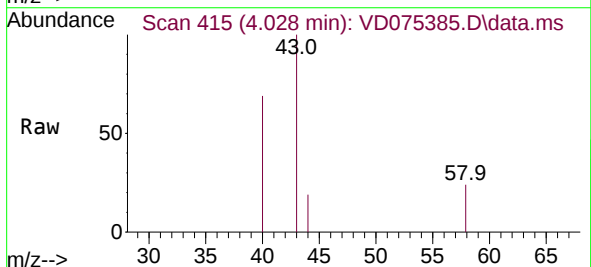
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW10-GW-908-910

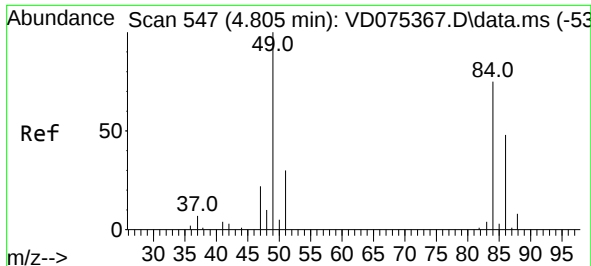
Tgt Ion:168 Resp: 18859
Ion Ratio Lower Upper
168 100
99 50.5 43.8 65.6



#16
Acetone
Concen: 38.477 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075385.D
Acq: 21 Feb 2023 17:17

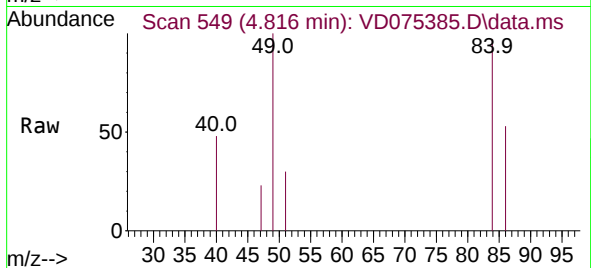
Tgt Ion: 43 Resp: 1878
Ion Ratio Lower Upper
43 100
58 24.0 24.4 36.6#



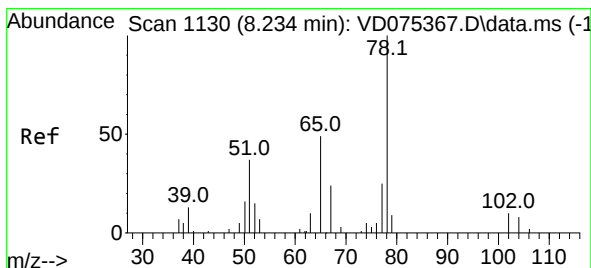
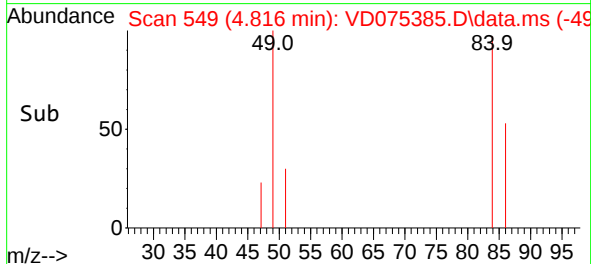
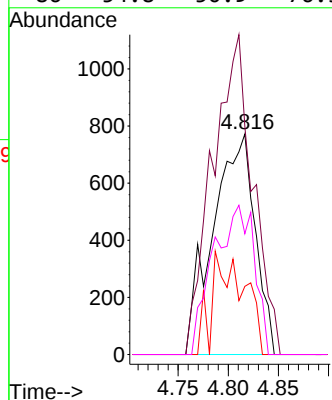


#20
Methylene Chloride
Concen: 3.914 ug/l
RT: 4.816 min Scan# 549
Delta R.T. 0.011 min
Lab File: VD075385.D
Acq: 21 Feb 2023 17:17

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW10-GW-908-910

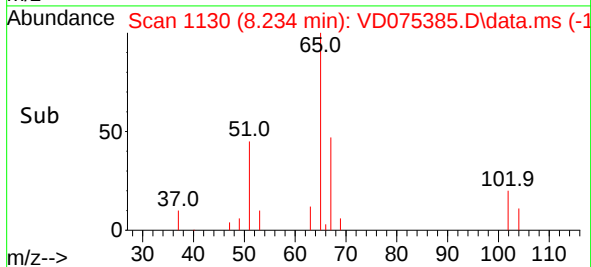
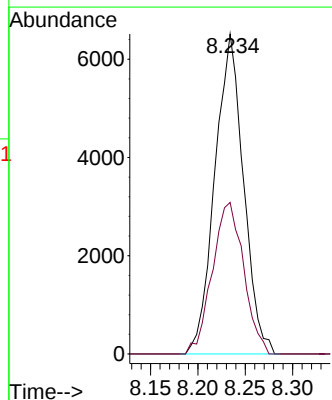
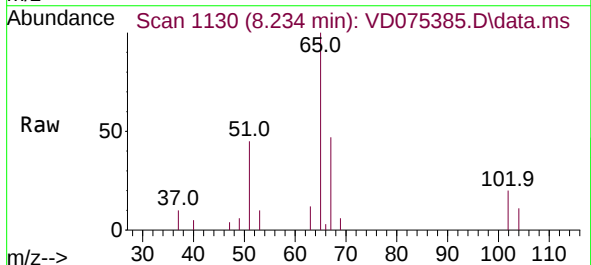


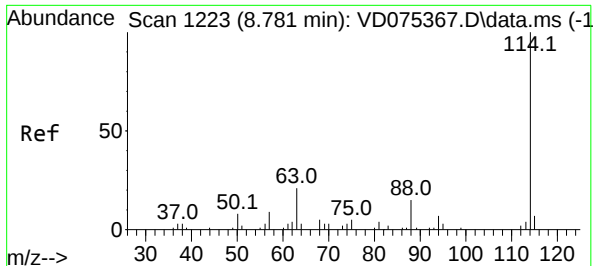
Tgt Ion:	84	Resp:	2261
Ion	Ratio	Lower	Upper
84	100		
49	103.5	106.4	159.6#
51	31.0	32.4	48.6#
86	54.8	50.9	76.3



#33
1,2-Dichloroethane-d4
Concen: 86.667 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075385.D
Acq: 21 Feb 2023 17:17

Tgt Ion:	65	Resp:	13695
Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	102.2

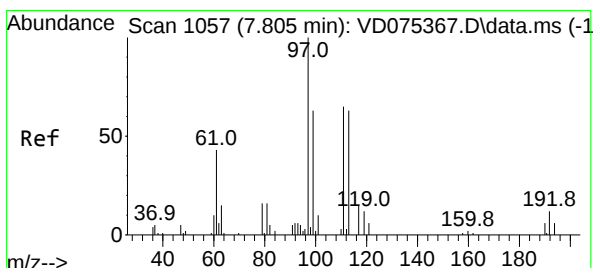
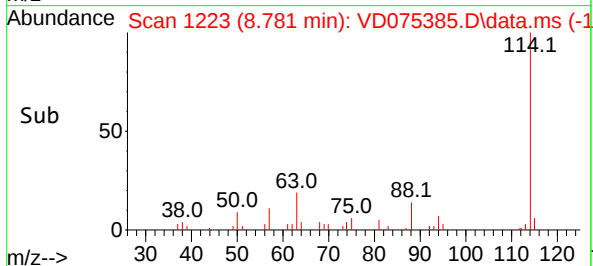
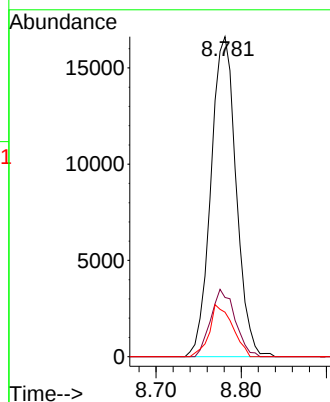
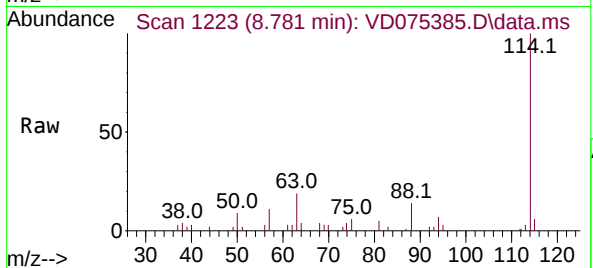




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075385.D
Acq: 21 Feb 2023 17:17

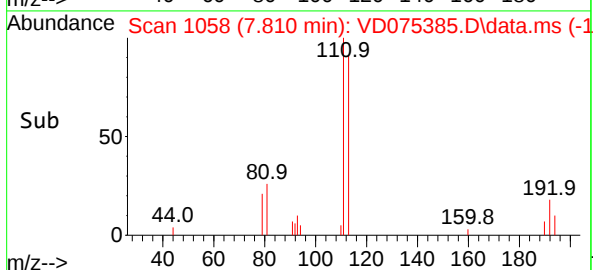
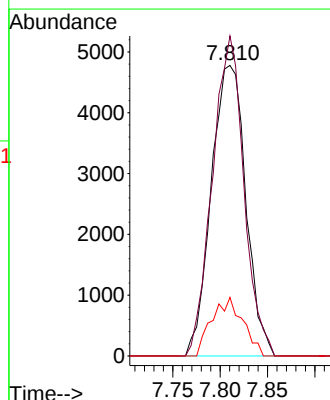
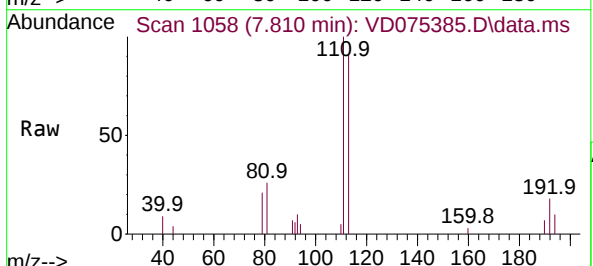
Instrument :
MSVOA_D
ClientSampleId :
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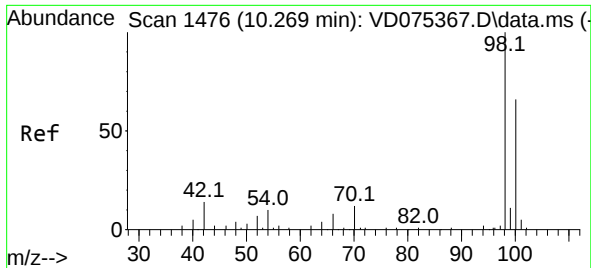
Tgt Ion:	114	Resp:	34165
Ion Ratio	Lower	Upper	
114	100		
63	18.5	0.0	41.6
88	13.9	0.0	30.6



#35
Dibromofluoromethane
Concen: 59.797 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.005 min
Lab File: VD075385.D
Acq: 21 Feb 2023 17:17

Tgt Ion:	113	Resp:	12128
Ion Ratio	Lower	Upper	
113	100		
111	100.5	81.4	122.0
192	18.1	15.2	22.8

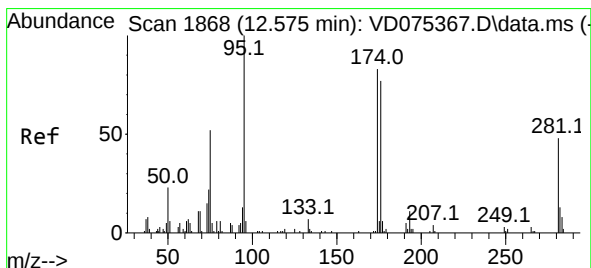
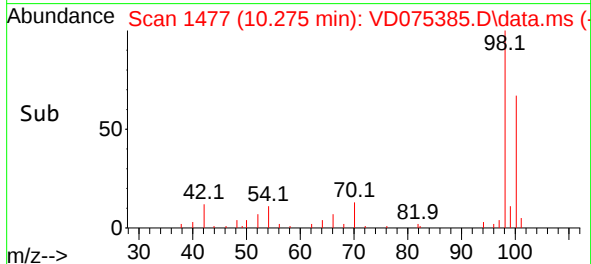
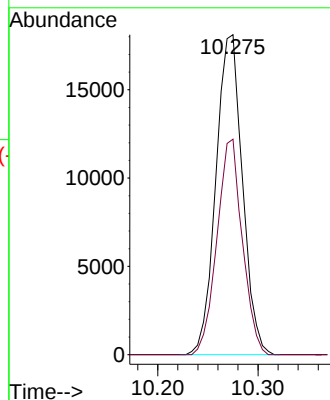
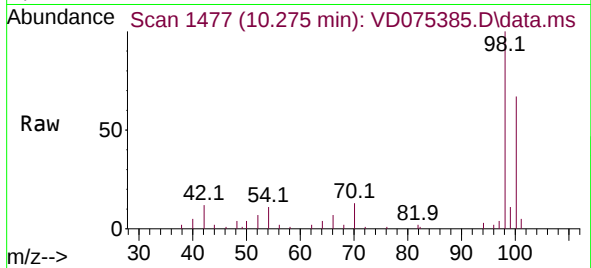




#50
Toluene-d8
Concen: 45.354 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD075385.D
Acq: 21 Feb 2023 17:17

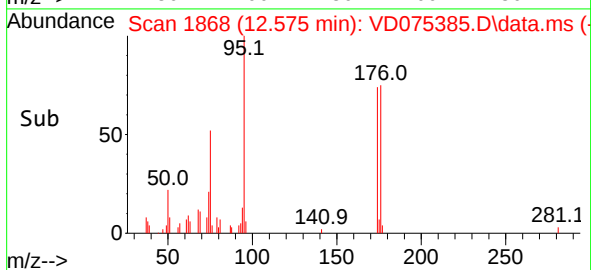
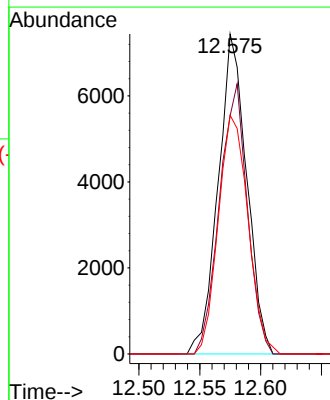
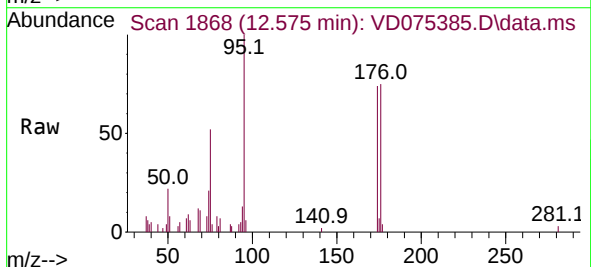
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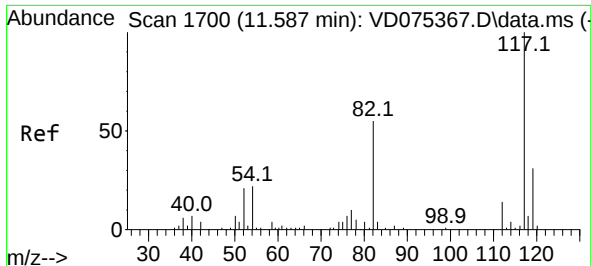
Tgt Ion: 98 Resp: 33197
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 49.202 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075385.D
Acq: 21 Feb 2023 17:17

Tgt Ion: 95 Resp: 12093
Ion Ratio Lower Upper
95 100
174 82.3 0.0 164.0
176 77.8 0.0 156.8

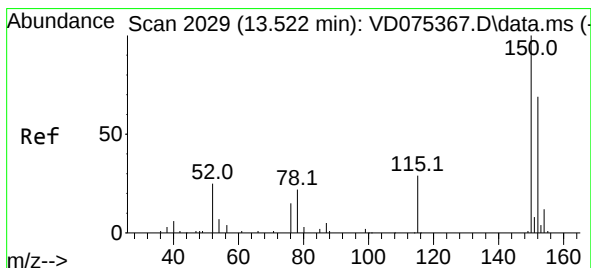
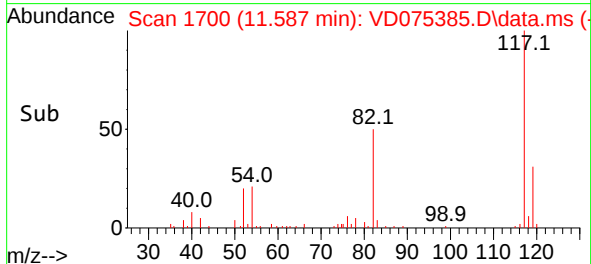
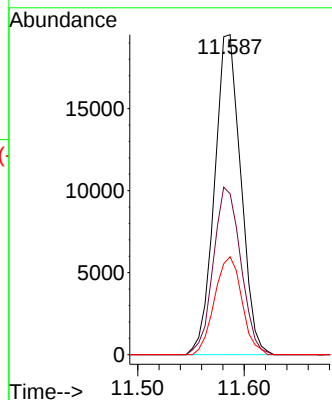
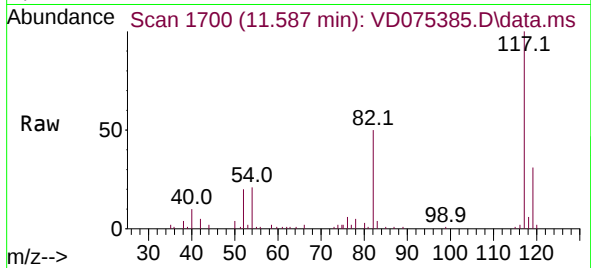




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075385.D
Acq: 21 Feb 2023 17:17

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW10-GW-908-910

Tgt Ion:117	Resp:	33395
Ion	Ratio	Lower Upper
117	100	
82	50.3	44.0 66.0
119	30.6	25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075385.D
Acq: 21 Feb 2023 17:17

Tgt Ion:152	Resp:	14672
Ion	Ratio	Lower Upper
152	100	
115	55.7	30.1 90.3
150	150.7	0.0 364.8

