

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102323\
 Data File : VD077382.D
 Acq On : 23 Oct 2023 15:41
 Operator : JC/SY
 Sample : 04978-02RE
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-406-VOC-03RE

Quant Time: Oct 23 23:40:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

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

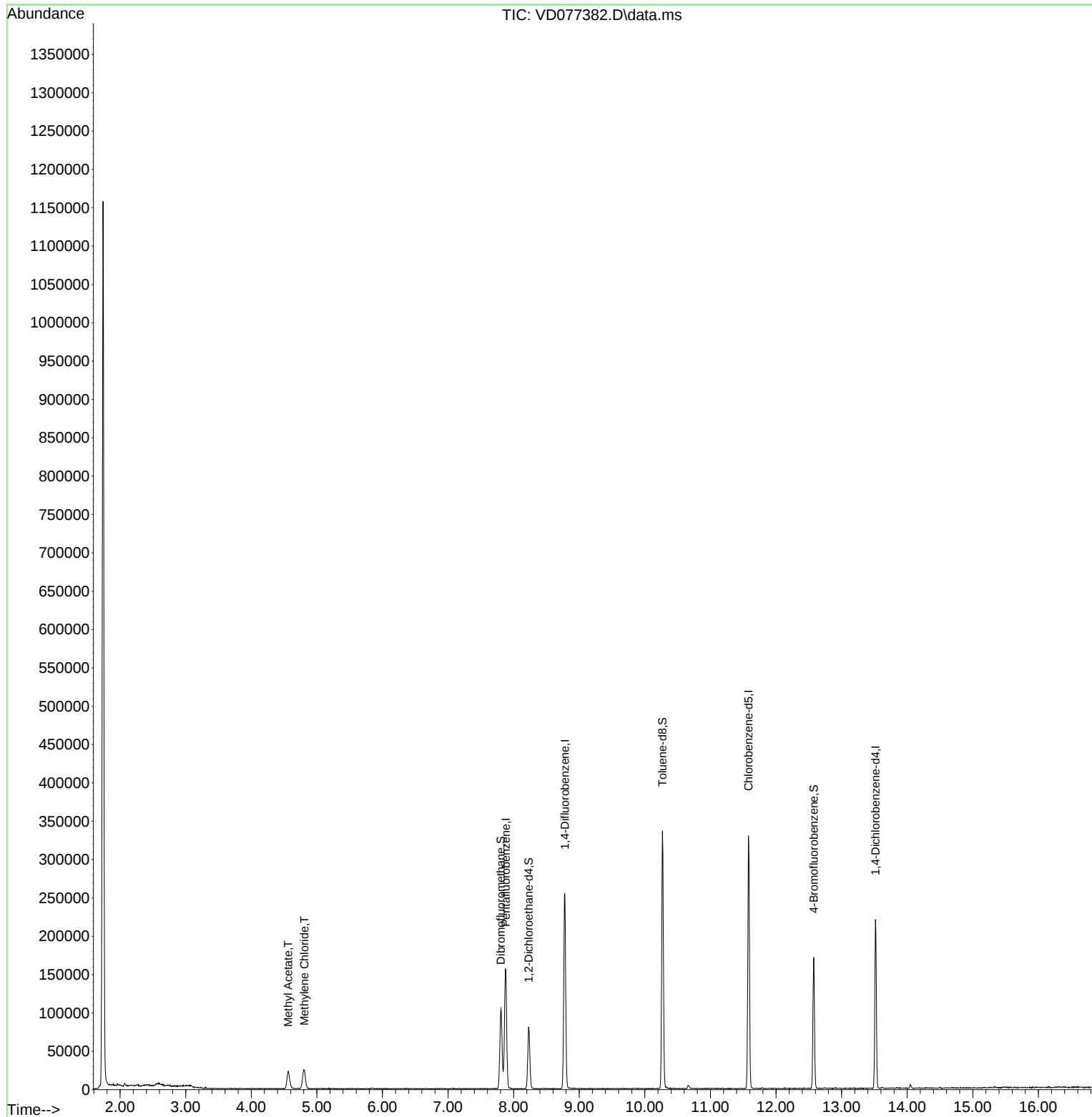
Internal Standards						
1) Pentafluorobenzene	7.881	168	126956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	239228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	204140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	62915	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	61133	53.926	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.860%	
35) Dibromofluoromethane	7.804	113	75643	45.007	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.020%	
50) Toluene-d8	10.269	98	240873	40.018	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 80.040%	
62) 4-Bromofluorobenzene	12.575	95	50365	29.068	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 58.140%	
Target Compounds						
						Qvalue
18) Methyl Acetate	4.563	43	40991	47.378	ug/l	98
20) Methylene Chloride	4.811	84	21165	10.277	ug/l	97

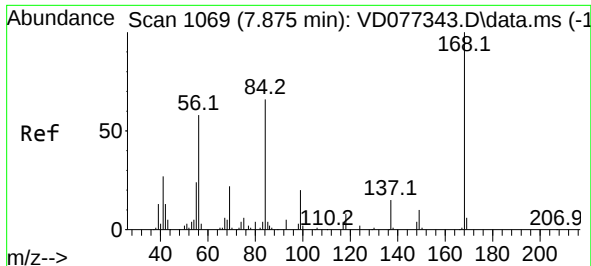
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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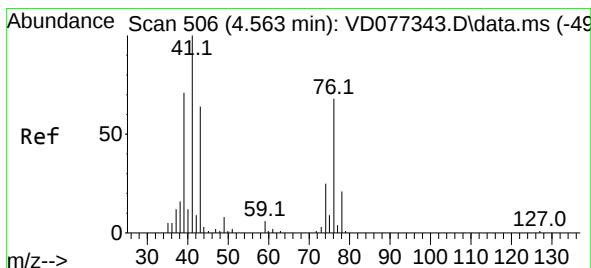
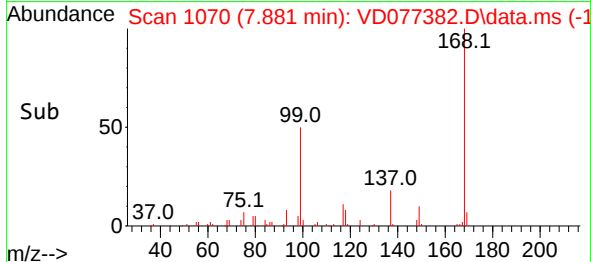
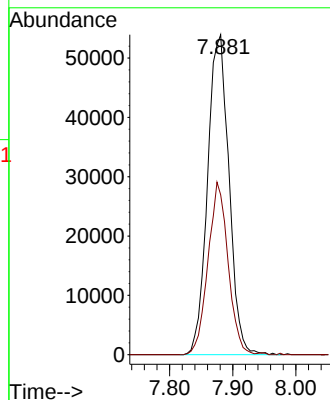
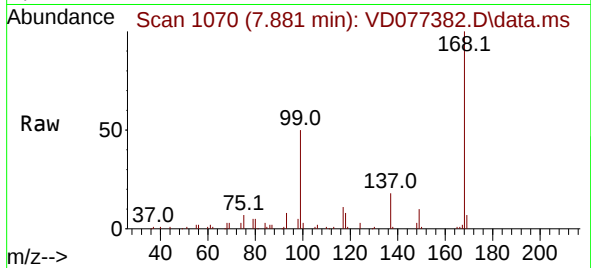




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077382.D
Acq: 23 Oct 2023 15:41

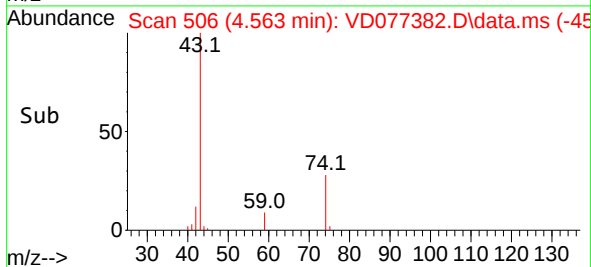
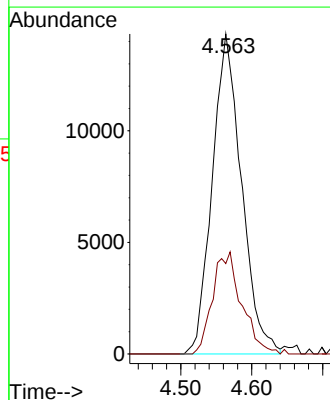
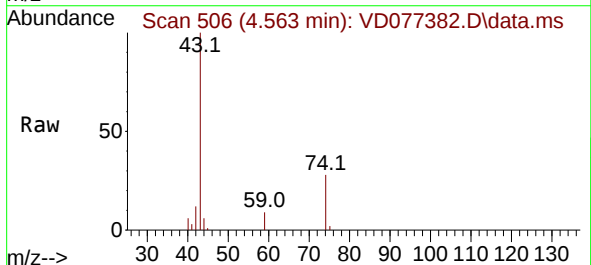
Instrument :
MSVOA_D
ClientSampleId :
NB-406-VOC-03RE

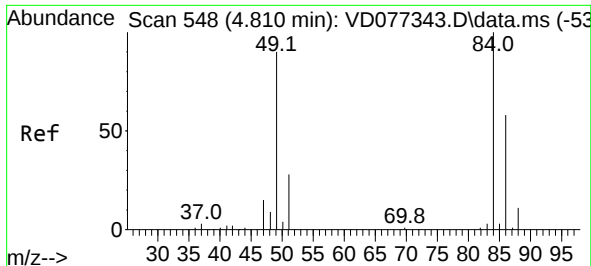
Tgt Ion:168 Resp: 126956
Ion Ratio Lower Upper
168 100
99 50.0 36.7 55.1



#18
Methyl Acetate
Concen: 47.378 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077382.D
Acq: 23 Oct 2023 15:41

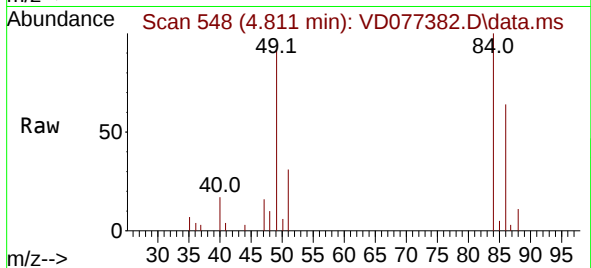
Tgt Ion: 43 Resp: 40991
Ion Ratio Lower Upper
43 100
74 31.7 26.4 39.6





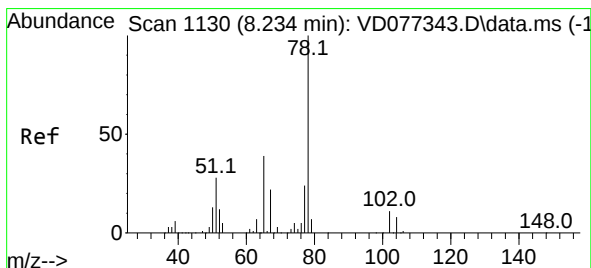
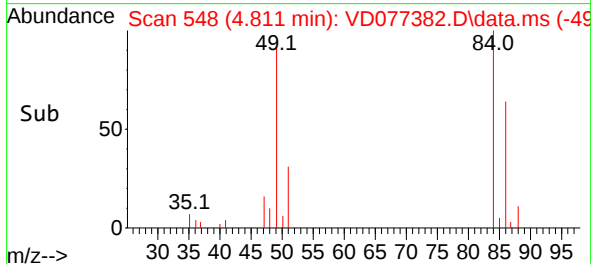
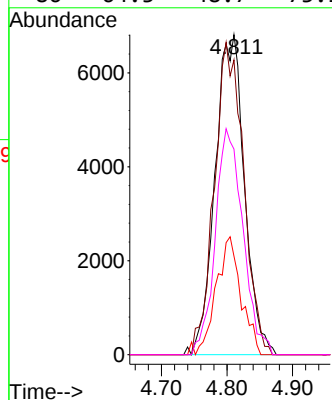
#20
Methylene Chloride
Concen: 10.277 ug/l
RT: 4.811 min Scan# 54
Delta R.T. 0.001 min
Lab File: VD077382.D
Acq: 23 Oct 2023 15:41

Instrument :
MSVOA_D
ClientSampleId :
NB-406-VOC-03RE



Tgt Ion: 84 Resp: 21165

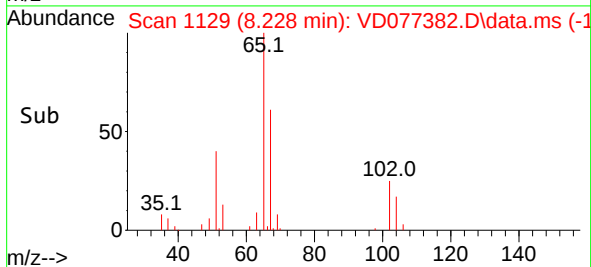
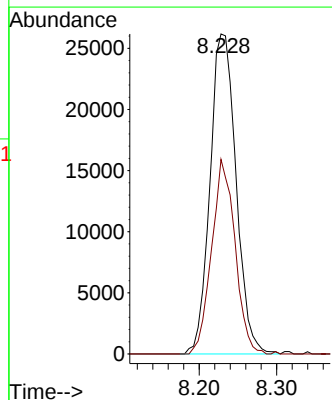
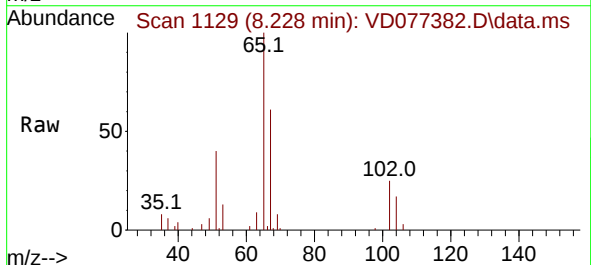
Ion	Ratio	Lower	Upper
84	100		
49	92.1	71.4	107.2
51	30.8	24.5	36.7
86	64.3	48.7	73.1

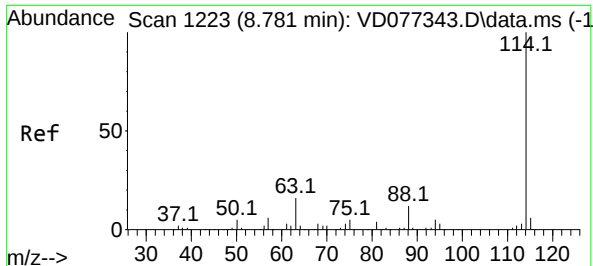


#33
1,2-Dichloroethane-d4
Concen: 53.926 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD077382.D
Acq: 23 Oct 2023 15:41

Tgt Ion: 65 Resp: 61133

Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	115.0

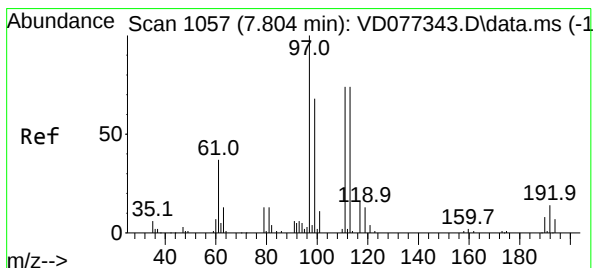
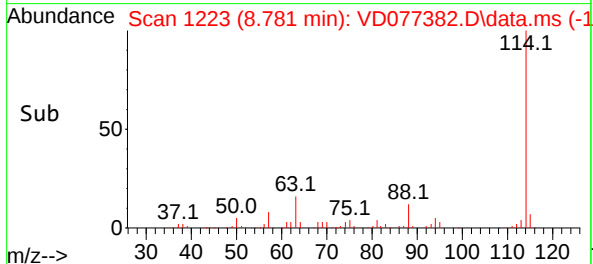
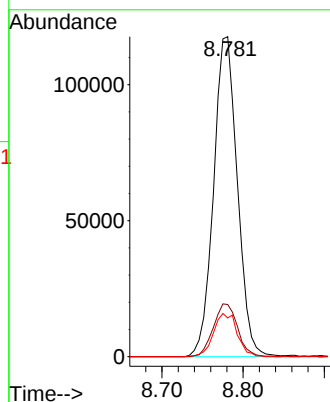
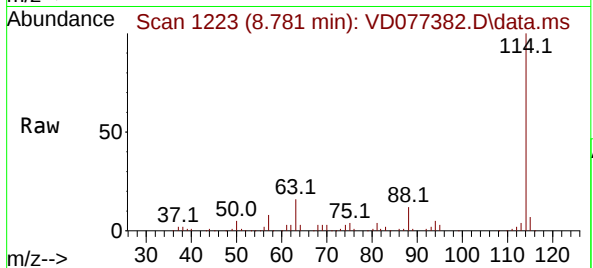




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 114
Delta R.T. -0.000 min
Lab File: VD077382.D
Acq: 23 Oct 2023 15:41

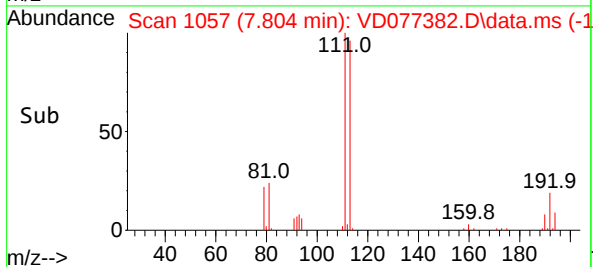
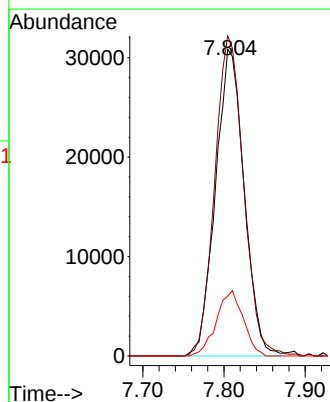
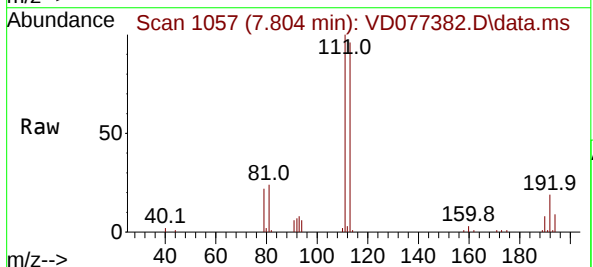
Instrument :
MSVOA_D
ClientSampleId :
NB-406-VOC-03RE

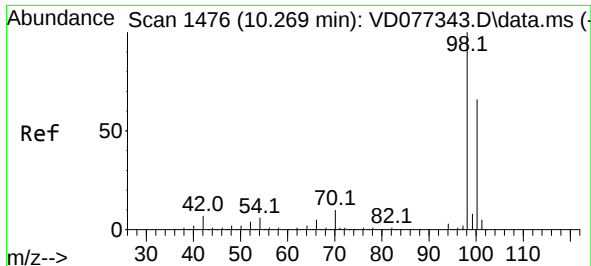
Tgt Ion:114 Resp: 239228
Ion Ratio Lower Upper
114 100
63 16.3 0.0 33.4
88 12.1 0.0 26.2



#35
Dibromofluoromethane
Concen: 45.007 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077382.D
Acq: 23 Oct 2023 15:41

Tgt Ion:113 Resp: 75643
Ion Ratio Lower Upper
113 100
111 104.8 84.7 127.1
192 20.0 16.8 25.2

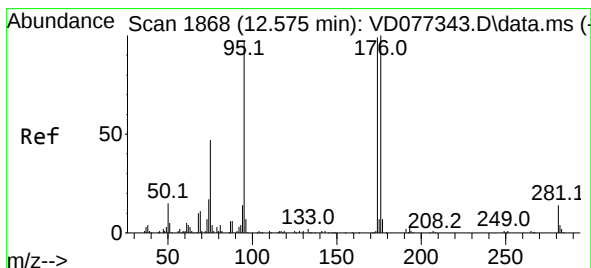
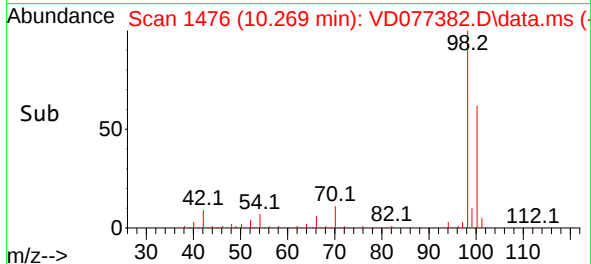
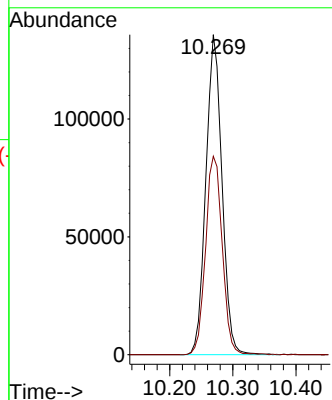
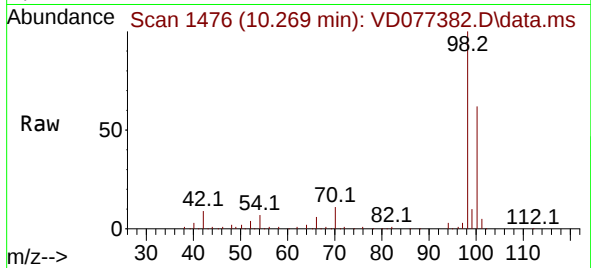




#50
Toluene-d8
Concen: 40.018 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077382.D
Acq: 23 Oct 2023 15:41

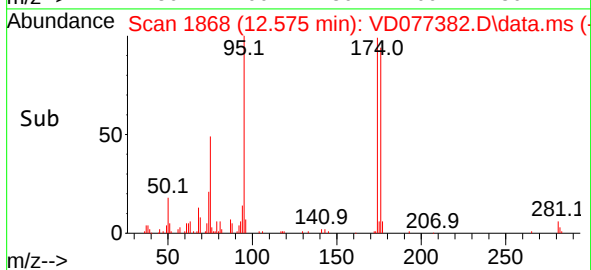
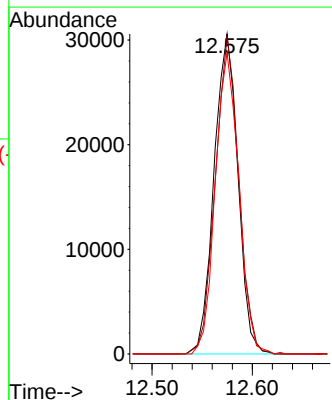
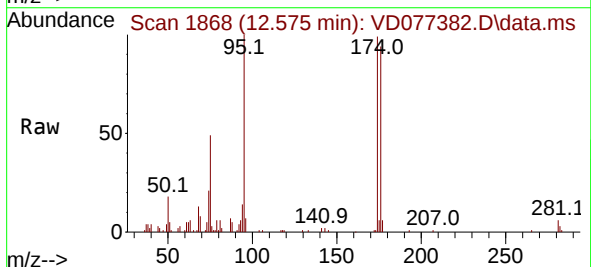
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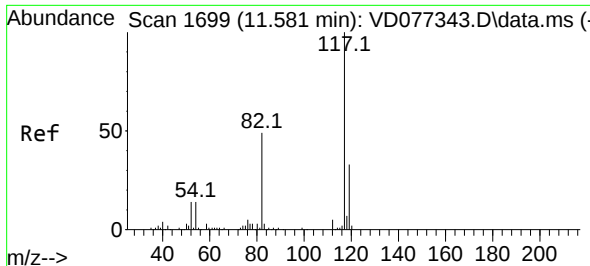
Tgt Ion: 98 Resp: 240873
Ion Ratio Lower Upper
98 100
100 64.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 29.068 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077382.D
Acq: 23 Oct 2023 15:41

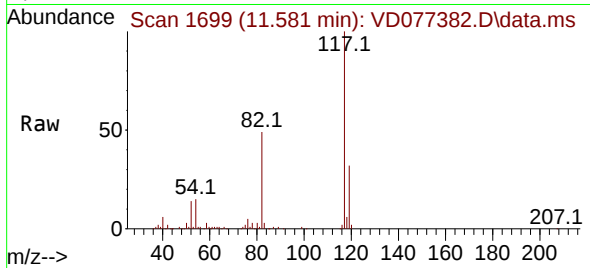
Tgt Ion: 95 Resp: 50365
Ion Ratio Lower Upper
95 100
174 97.8 0.0 201.8
176 93.4 0.0 191.8



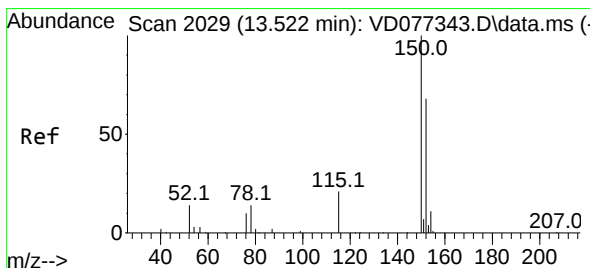
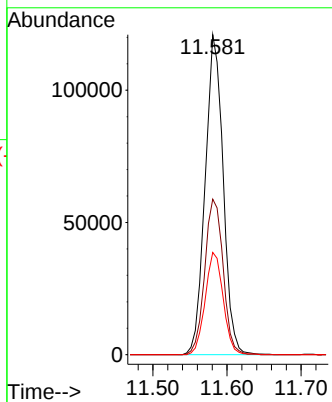
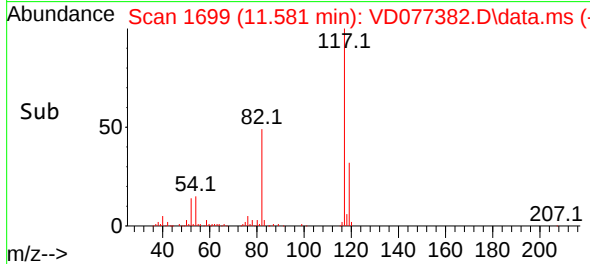


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077382.D
Acq: 23 Oct 2023 15:41

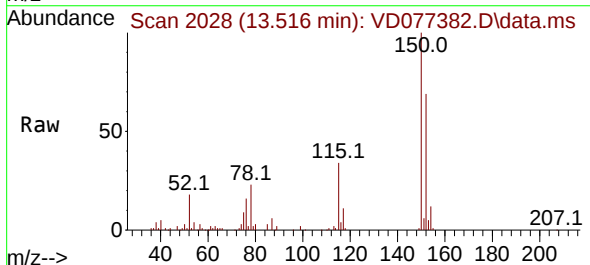
Instrument :
MSVOA_D
ClientSampleId :
NB-406-VOC-03RE



Tgt Ion:117 Resp: 204140
Ion Ratio Lower Upper
117 100
82 48.6 38.3 57.5
119 31.9 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD077382.D
Acq: 23 Oct 2023 15:41



Tgt Ion:152 Resp: 62915
Ion Ratio Lower Upper
152 100
115 52.5 27.1 81.3
150 152.6 0.0 353.6

