

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102423\
 Data File : VD077399.D
 Acq On : 24 Oct 2023 17:16
 Operator : JC/SY
 Sample : 05005-01
 Misc : 5.13G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 N-1(0-5)

Quant Time: Oct 25 04:07:28 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)

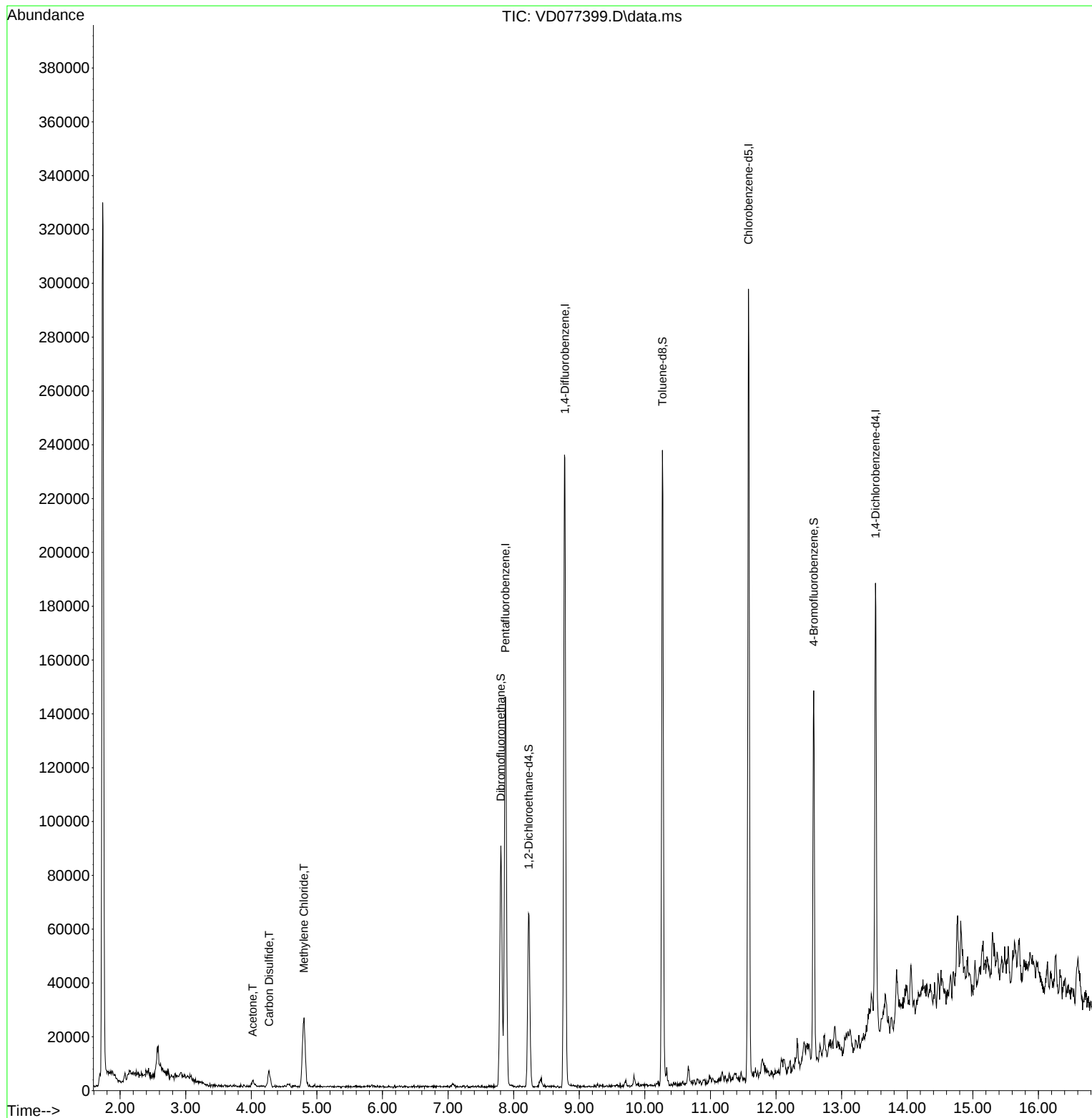
Internal Standards						
1) Pentafluorobenzene	7.875	168	119692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	229425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	183561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	47737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	52984	49.574	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.140%
35) Dibromofluoromethane	7.805	113	65368	40.556	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.120%
50) Toluene-d8	10.269	98	174624	30.252	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	60.500%
62) 4-Bromofluorobenzene	12.575	95	42199	25.396	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	50.800%
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	4033	17.208	ug/l #	83
17) Carbon Disulfide	4.269	76	12250	3.024	ug/l #	95
20) Methylene Chloride	4.805	84	22283	12.092	ug/l #	91

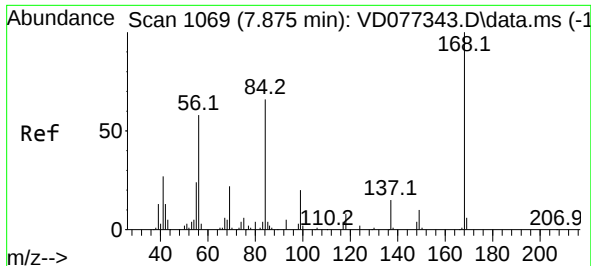
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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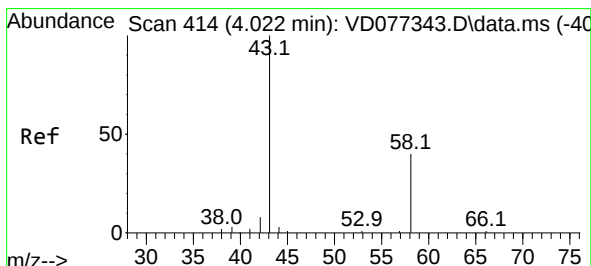
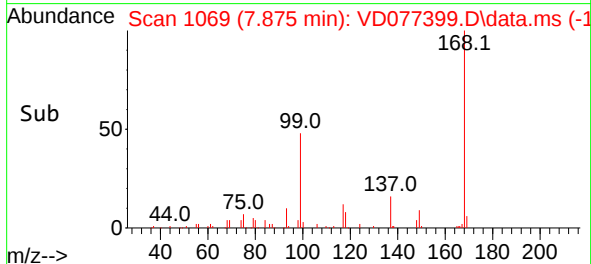
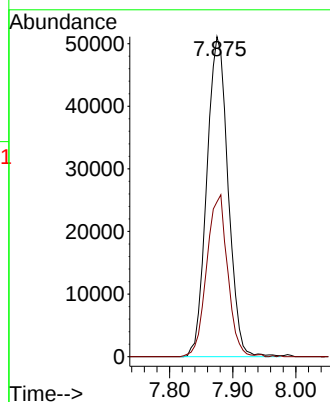
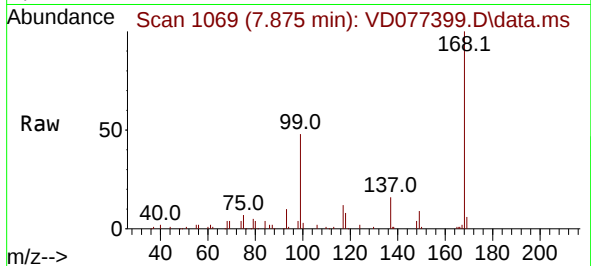




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077399.D
Acq: 24 Oct 2023 17:16

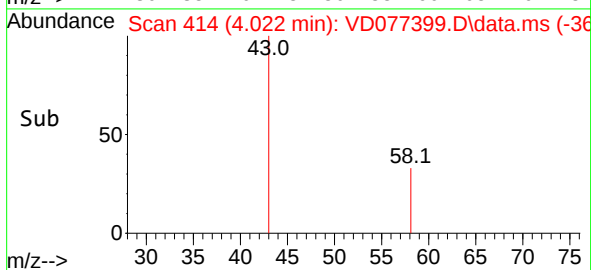
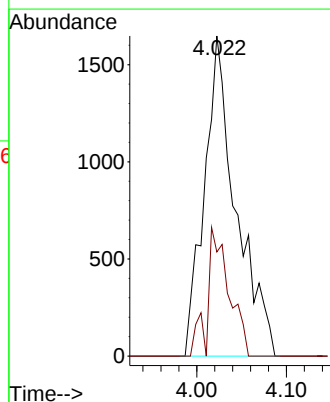
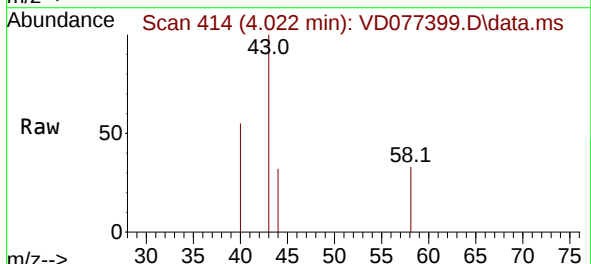
Instrument :
MSVOA_D
ClientSampleId :
N-1(0-5)

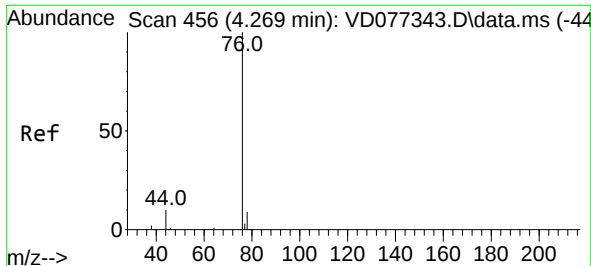
Tgt Ion:168 Resp: 119692
Ion Ratio Lower Upper
168 100
99 48.4 36.7 55.1



#16
Acetone
Concen: 17.208 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077399.D
Acq: 24 Oct 2023 17:16

Tgt Ion: 43 Resp: 4033
Ion Ratio Lower Upper
43 100
58 32.5 34.7 52.1#

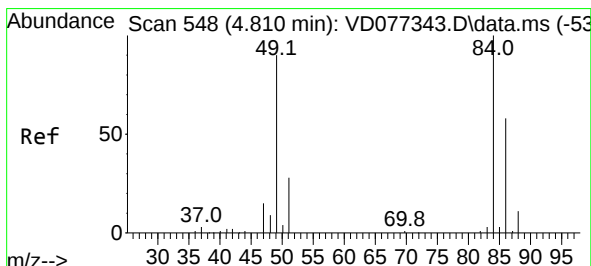
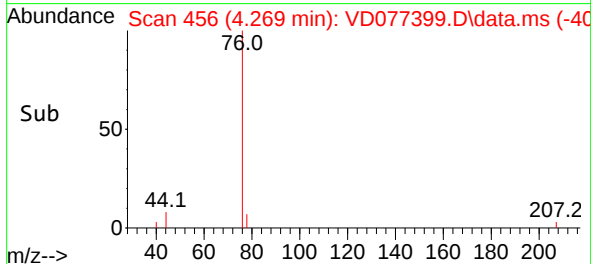
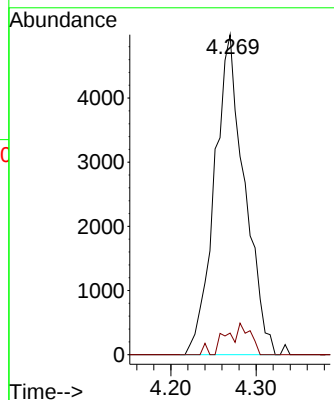
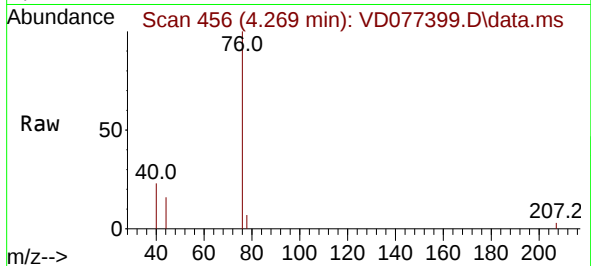




#17
Carbon Disulfide
Concen: 3.024 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD077399.D
Acq: 24 Oct 2023 17:16

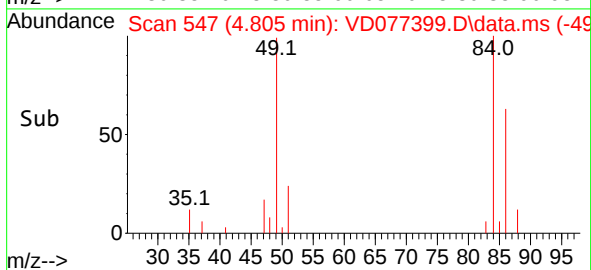
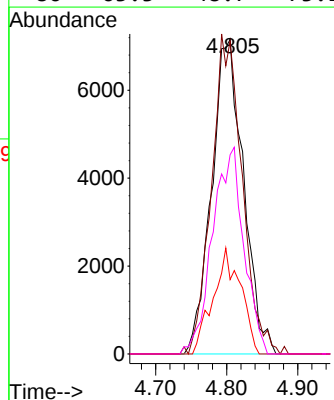
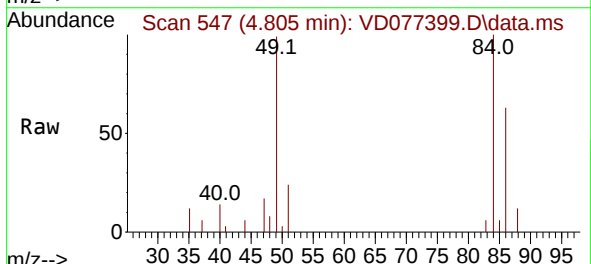
Instrument :
MSVOA_D
ClientSampleId :
N-1(0-5)

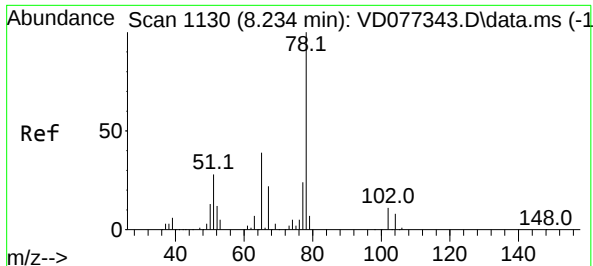
Tgt Ion: 76 Resp: 12250
Ion Ratio Lower Upper
76 100
78 6.8 6.8 10.2#



#20
Methylene Chloride
Concen: 12.092 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.005 min
Lab File: VD077399.D
Acq: 24 Oct 2023 17:16

Tgt Ion: 84 Resp: 22283
Ion Ratio Lower Upper
84 100
49 99.4 71.4 107.2
51 23.7 24.5 36.7#
86 63.3 48.7 73.1

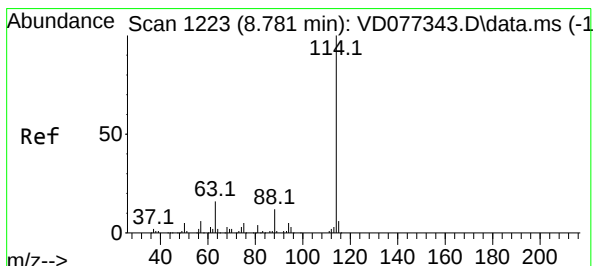
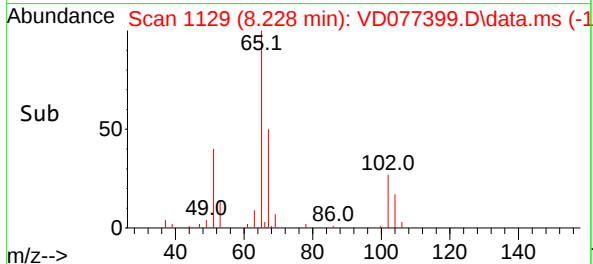
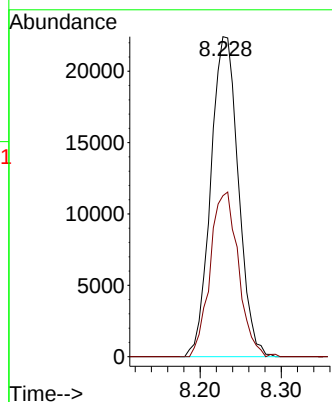
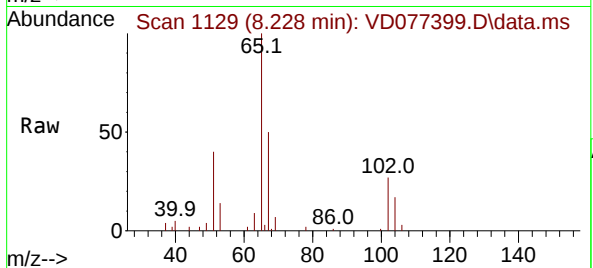




#33
 1,2-Dichloroethane-d4
 Concen: 49.574 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. -0.006 min
 Lab File: VD077399.D
 Acq: 24 Oct 2023 17:16

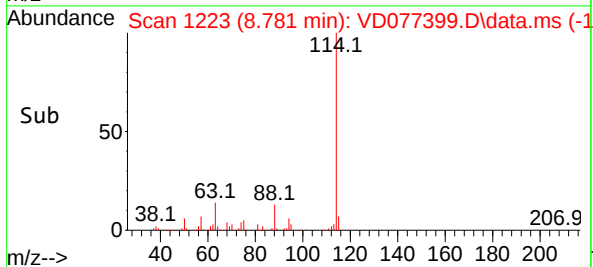
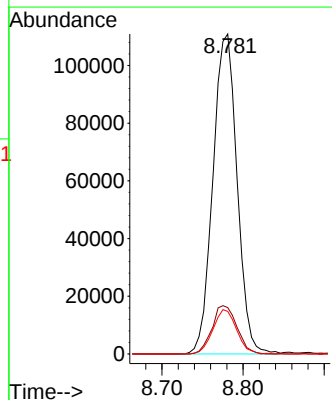
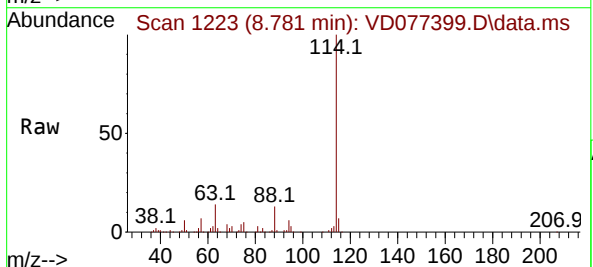
Instrument :
 MSVOA_D
 ClientSampleId :
 N-1(0-5)

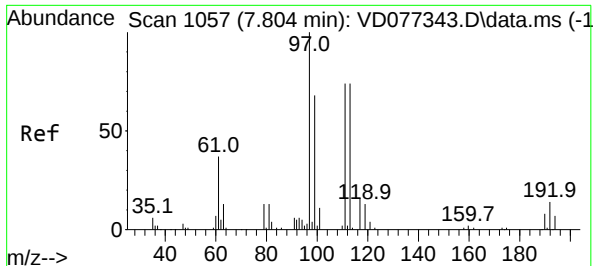
Tgt Ion: 65 Resp: 52984
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 115.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. -0.000 min
 Lab File: VD077399.D
 Acq: 24 Oct 2023 17:16

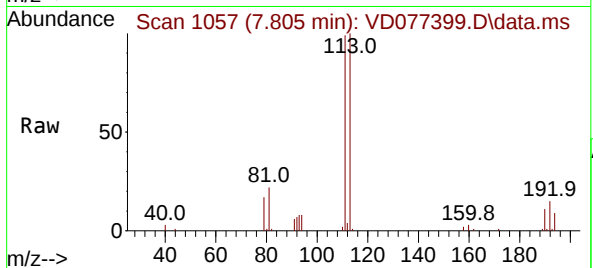
Tgt Ion: 114 Resp: 229425
 Ion Ratio Lower Upper
 114 100
 63 14.5 0.0 33.4
 88 13.3 0.0 26.2





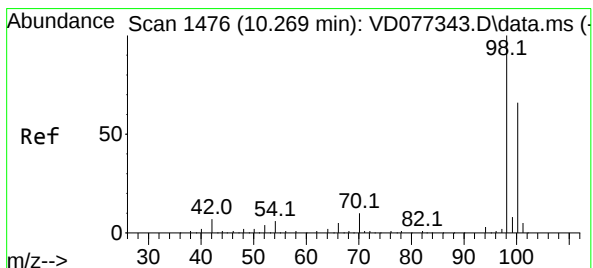
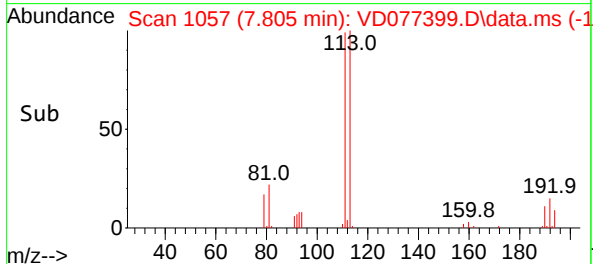
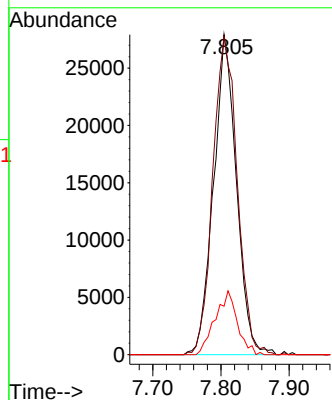
#35
 Dibromofluoromethane
 Concen: 40.556 ug/l
 RT: 7.805 min Scan# 1057
 Delta R.T. 0.001 min
 Lab File: VD077399.D
 Acq: 24 Oct 2023 17:16

Instrument :
 MSVOA_D
 ClientSampleId :
 N-1(0-5)



Tgt Ion:113 Resp: 65368

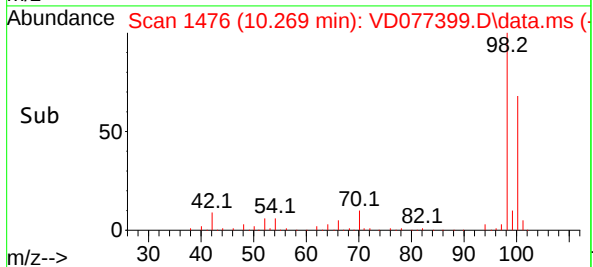
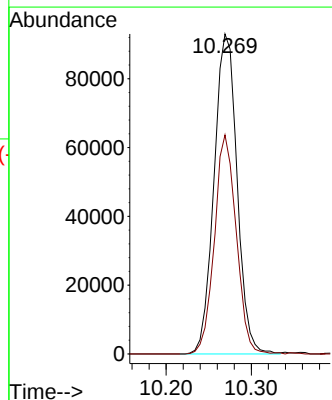
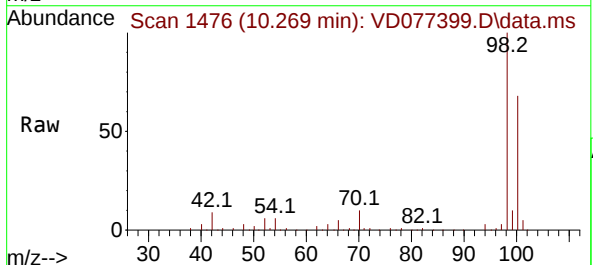
Ion	Ratio	Lower	Upper
113	100		
111	105.7	84.7	127.1
192	19.2	16.8	25.2

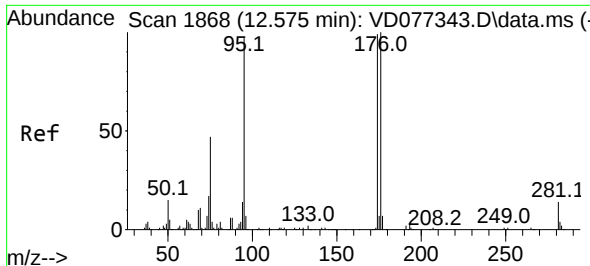


#50
 Toluene-d8
 Concen: 30.252 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. 0.000 min
 Lab File: VD077399.D
 Acq: 24 Oct 2023 17:16

Tgt Ion: 98 Resp: 174624

Ion	Ratio	Lower	Upper
98	100		
100	64.8	50.3	75.5

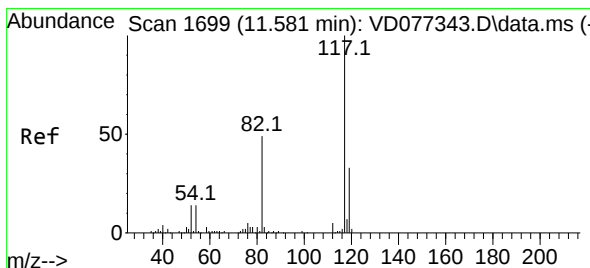
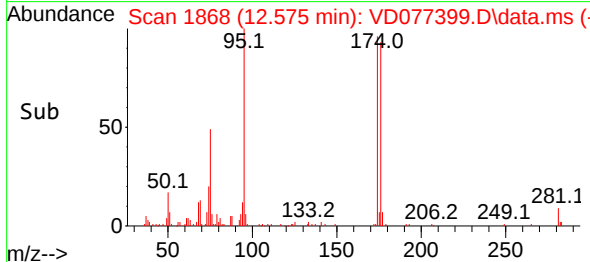
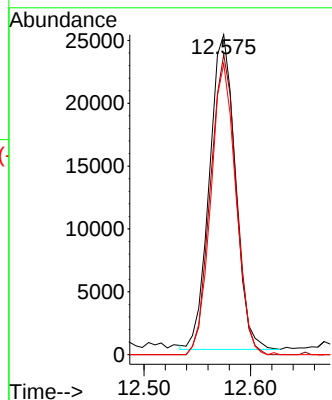
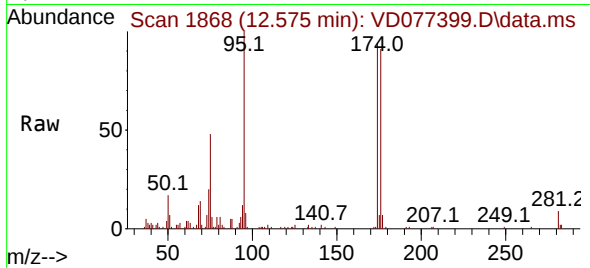




#62
4-Bromofluorobenzene
Concen: 25.396 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077399.D
Acq: 24 Oct 2023 17:16

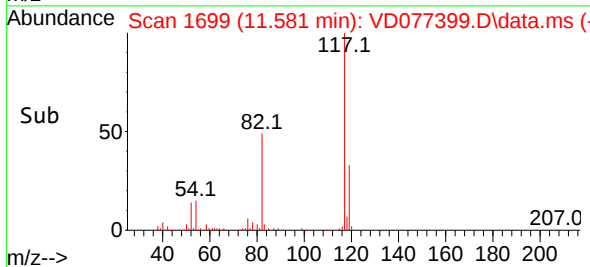
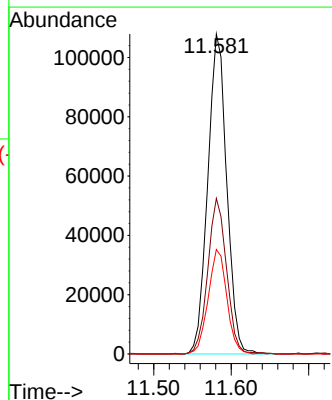
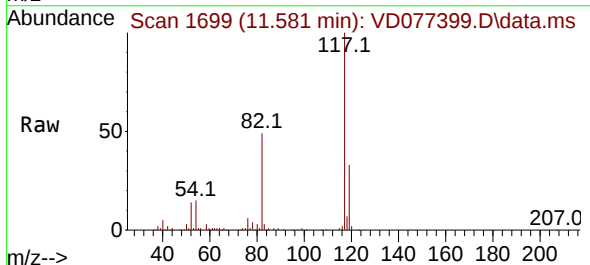
Instrument :
MSVOA_D
ClientSampleId :
N-1(0-5)

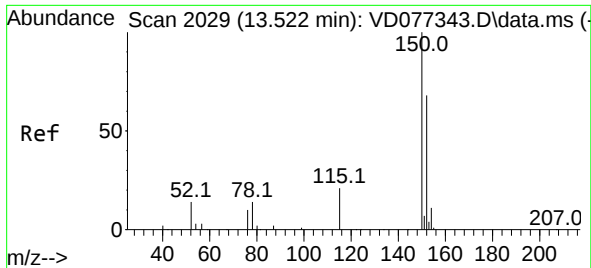
Tgt Ion:	95	Resp:	42199
Ion Ratio	Lower	Upper	
95	100		
174	94.8	0.0	201.8
176	89.8	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077399.D
Acq: 24 Oct 2023 17:16

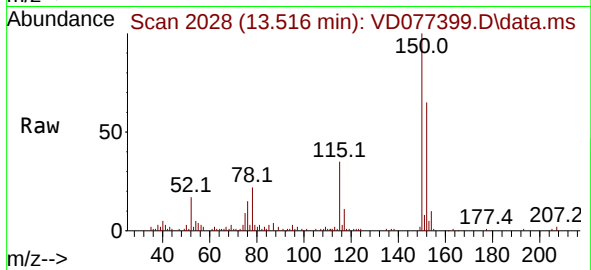
Tgt Ion:	117	Resp:	183561
Ion Ratio	Lower	Upper	
117	100		
82	48.6	38.3	57.5
119	32.7	25.0	37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD077399.D
 Acq: 24 Oct 2023 17:16

Instrument :
 MSVOA_D
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Tgt Ion:152 Resp: 47737
 Ion Ratio Lower Upper
 152 100
 115 55.5 27.1 81.3
 150 153.1 0.0 353.6

