

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102523\
 Data File : VD077421.D
 Acq On : 25 Oct 2023 18:23
 Operator : JC/SY
 Sample : 05005-01RE
 Misc : 5.78G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Oct 26 07:02:55 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)

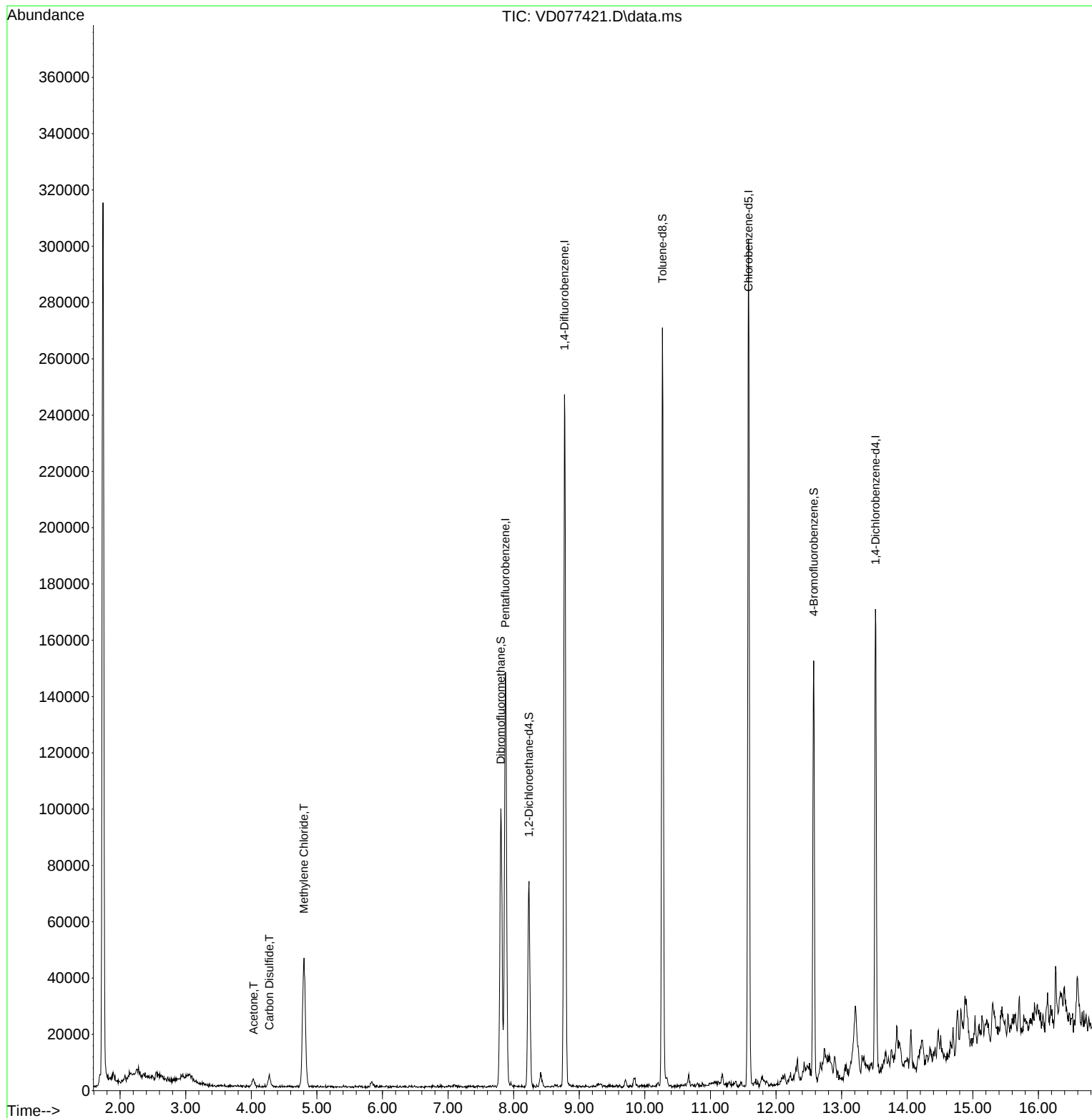
Internal Standards						
1) Pentafluorobenzene	7.875	168	119025	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	233767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	187188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	49430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	55170	51.909	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.820%	
35) Dibromofluoromethane	7.804	113	72564	44.184	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 88.360%	
50) Toluene-d8	10.269	98	195373	33.217	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 66.440%	
62) 4-Bromofluorobenzene	12.575	95	47097	27.817	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 55.640%	
Target Compounds						
					Qvalue	
16) Acetone	4.034	43	4521	19.398	ug/l	92
17) Carbon Disulfide	4.275	76	8465	2.101	ug/l #	87
20) Methylene Chloride	4.805	84	38802	25.135	ug/l	91

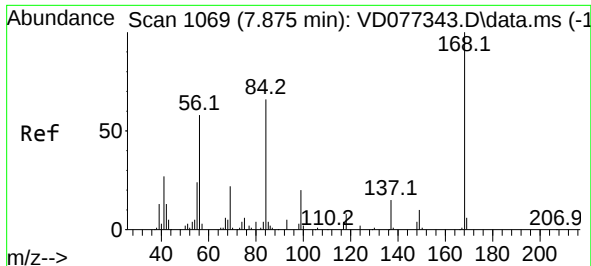
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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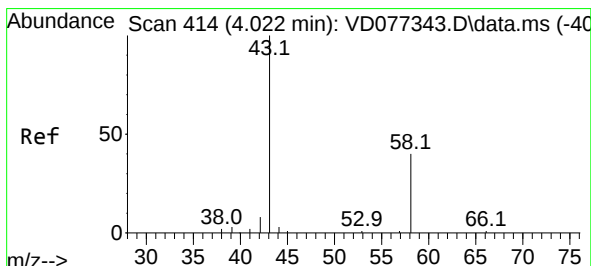
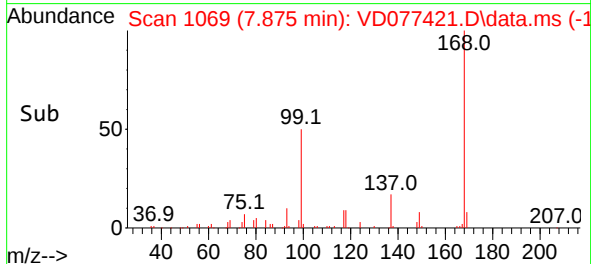
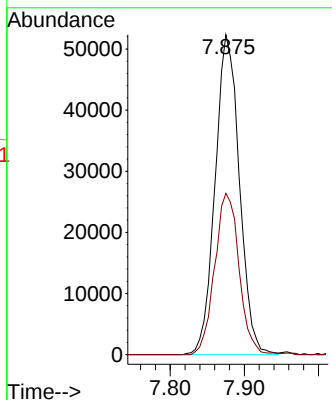
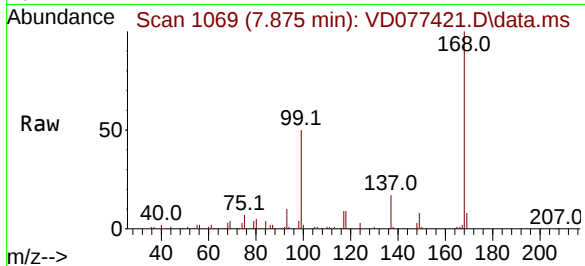




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077421.D
Acq: 25 Oct 2023 18:23

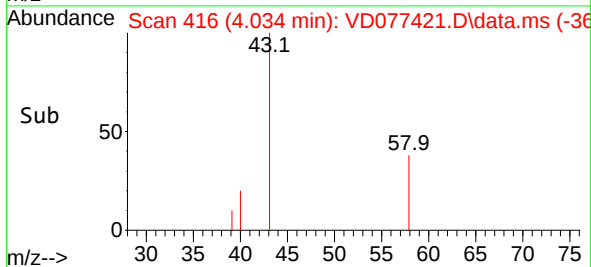
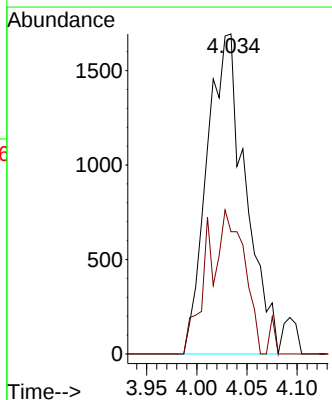
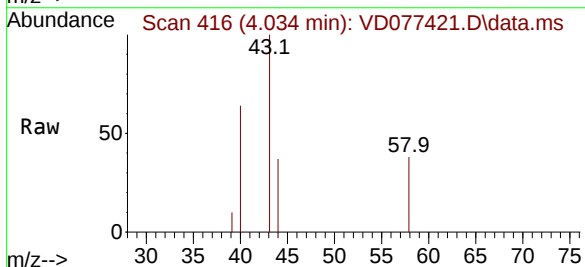
Instrument :
MSVOA_D
ClientSampleId :
N-1(0-5)RE

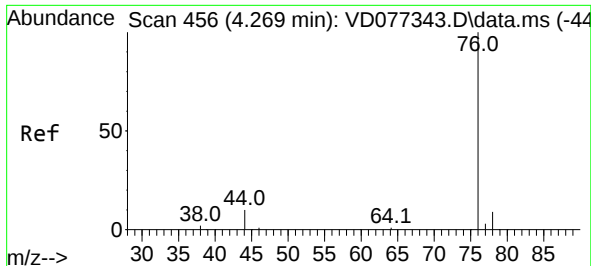
Tgt Ion:168 Resp: 119025
Ion Ratio Lower Upper
168 100
99 50.4 36.7 55.1



#16
Acetone
Concen: 19.398 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD077421.D
Acq: 25 Oct 2023 18:23

Tgt Ion: 43 Resp: 4521
Ion Ratio Lower Upper
43 100
58 38.2 34.7 52.1

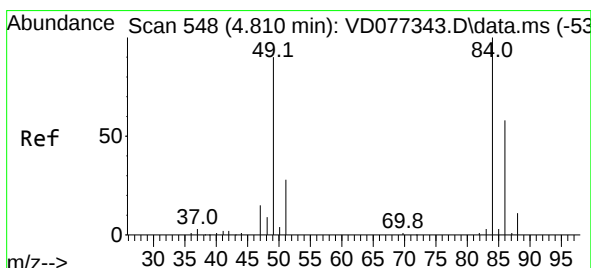
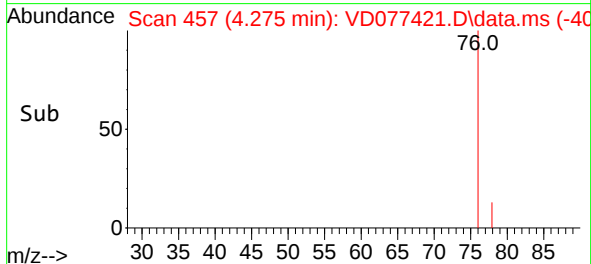
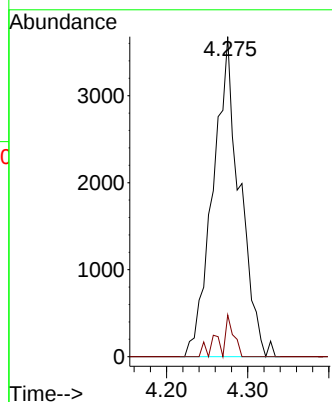
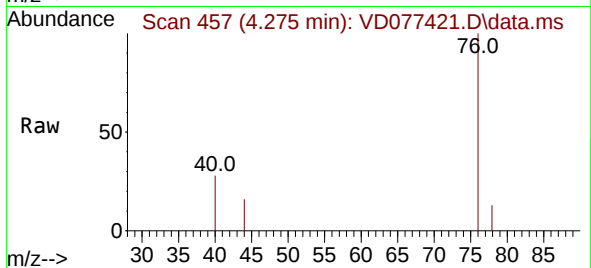




#17
Carbon Disulfide
Concen: 2.101 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD077421.D
Acq: 25 Oct 2023 18:23

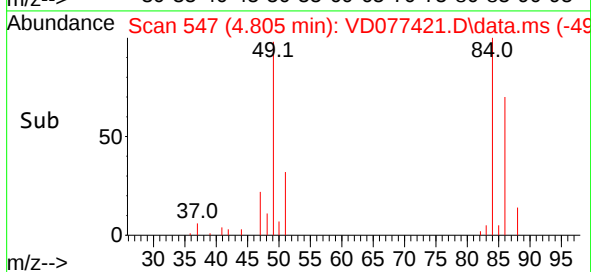
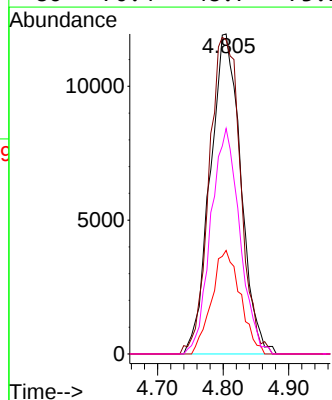
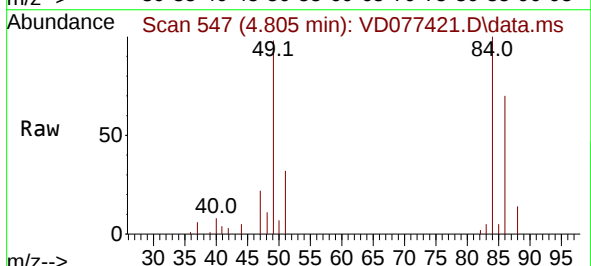
Instrument :
MSVOA_D
ClientSampleId :
N-1(0-5)RE

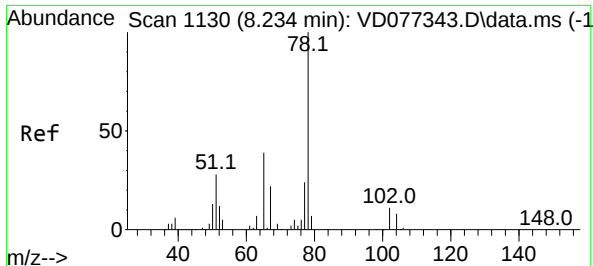
Tgt Ion: 76 Resp: 8465
Ion Ratio Lower Upper
76 100
78 13.1 6.8 10.2#



#20
Methylene Chloride
Concen: 25.135 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.005 min
Lab File: VD077421.D
Acq: 25 Oct 2023 18:23

Tgt Ion: 84 Resp: 38802
Ion Ratio Lower Upper
84 100
49 98.1 71.4 107.2
51 32.3 24.5 36.7
86 70.4 48.7 73.1





#33

1,2-Dichloroethane-d4

Concen: 51.909 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD077421.D

Acq: 25 Oct 2023 18:23

Instrument :

MSVOA_D

ClientSampleId :

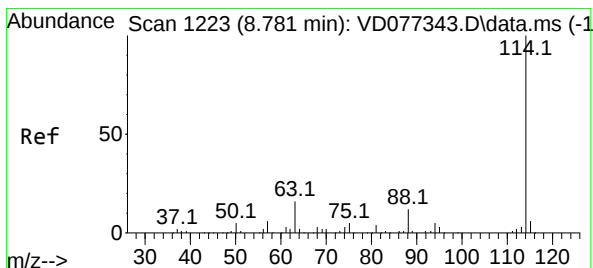
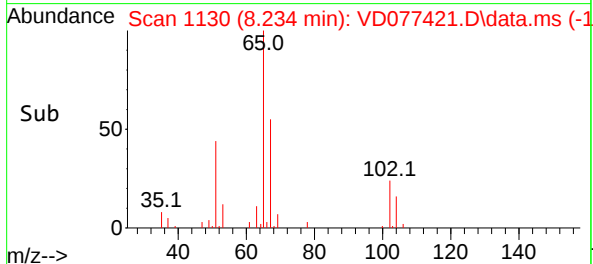
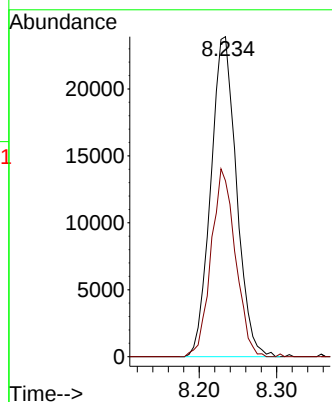
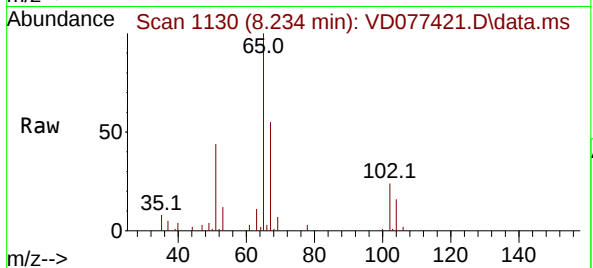
N-1(0-5)RE

Tgt Ion: 65 Resp: 55170

Ion Ratio Lower Upper

65 100

67 55.6 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD077421.D

Acq: 25 Oct 2023 18:23

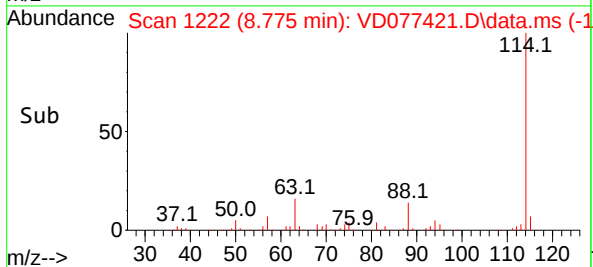
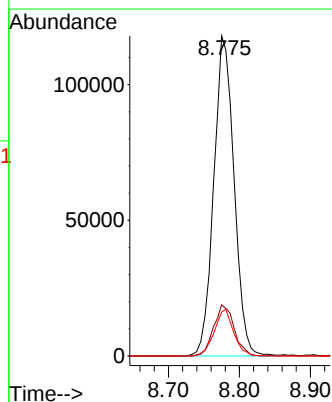
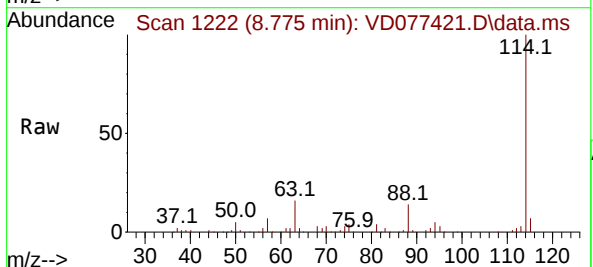
Tgt Ion: 114 Resp: 233767

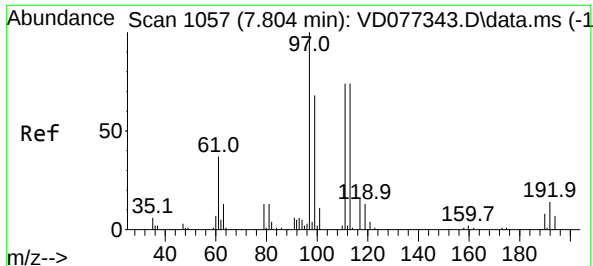
Ion Ratio Lower Upper

114 100

63 16.0 0.0 33.4

88 13.7 0.0 26.2





#35

Dibromofluoromethane

Concen: 44.184 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077421.D

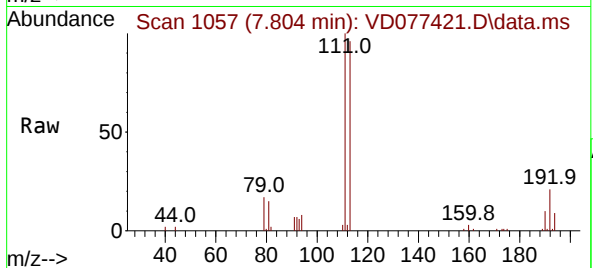
Acq: 25 Oct 2023 18:23

Instrument :

MSVOA_D

ClientSampleId :

N-1(0-5)RE



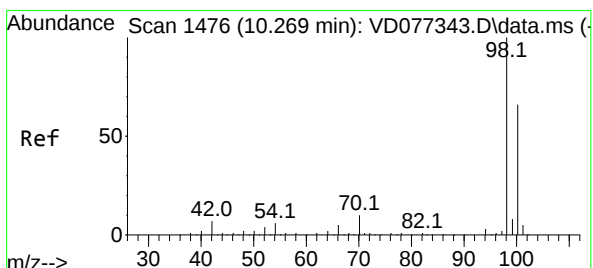
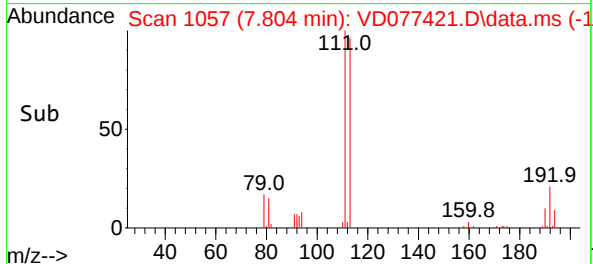
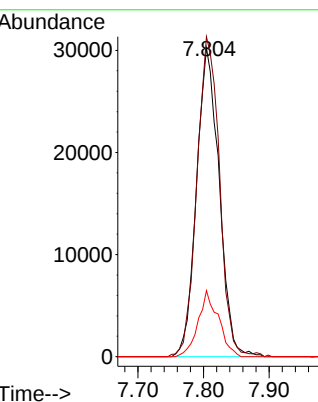
Tgt Ion:113 Resp: 72564

Ion Ratio Lower Upper

113 100

111 103.3 84.7 127.1

192 19.2 16.8 25.2



#50

Toluene-d8

Concen: 33.217 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077421.D

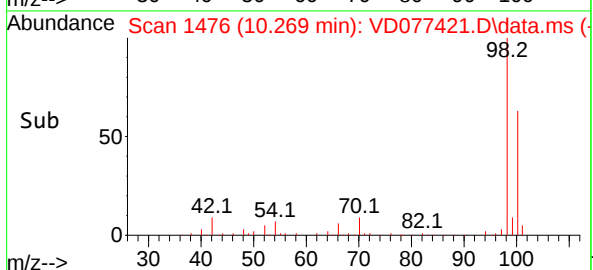
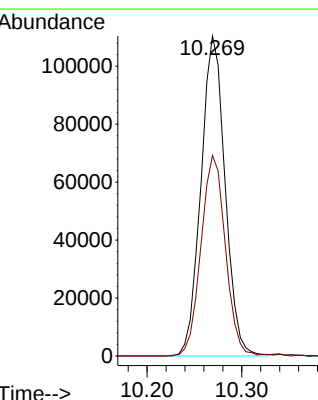
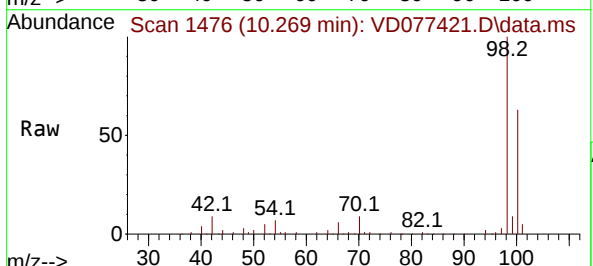
Acq: 25 Oct 2023 18:23

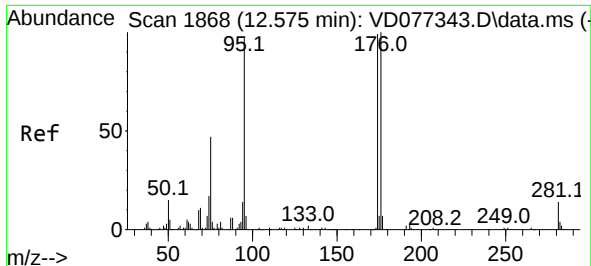
Tgt Ion: 98 Resp: 195373

Ion Ratio Lower Upper

98 100

100 63.6 50.3 75.5

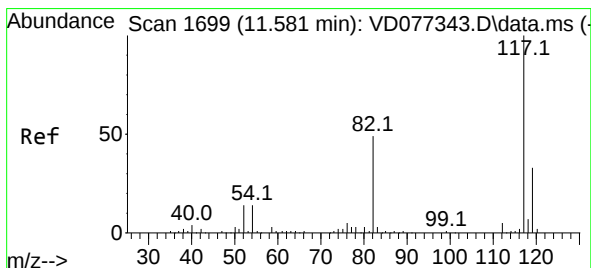
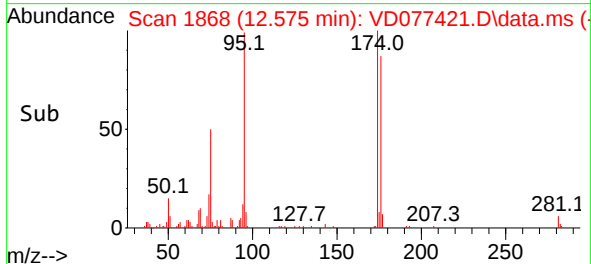
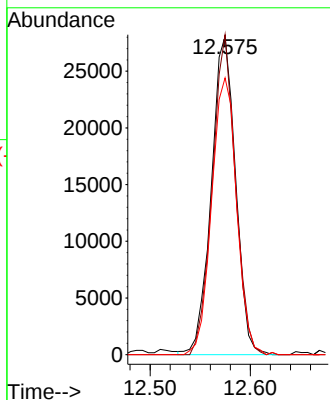
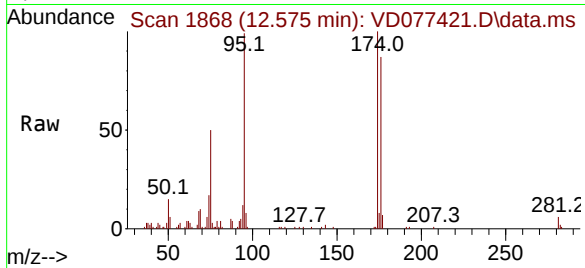




#62
4-Bromofluorobenzene
Concen: 27.817 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077421.D
Acq: 25 Oct 2023 18:23

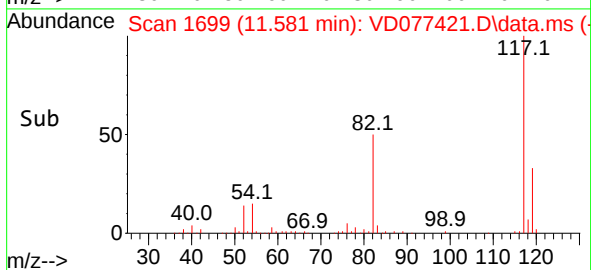
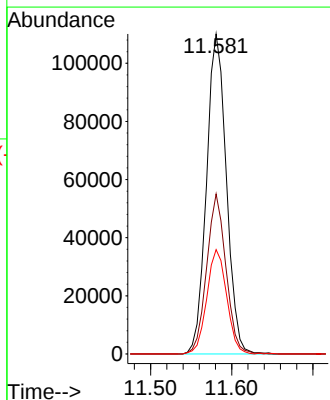
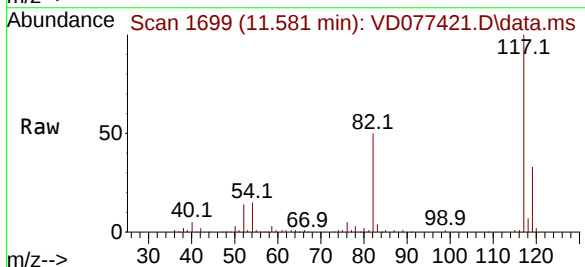
Instrument :
MSVOA_D
ClientSampleId :
N-1(0-5)RE

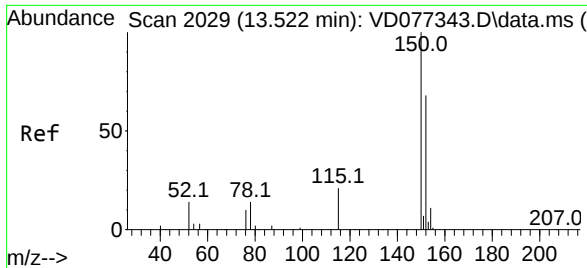
Tgt Ion:	95	Resp:	47097
Ion	Ratio	Lower	Upper
95	100		
174	95.7	0.0	201.8
176	89.6	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077421.D
Acq: 25 Oct 2023 18:23

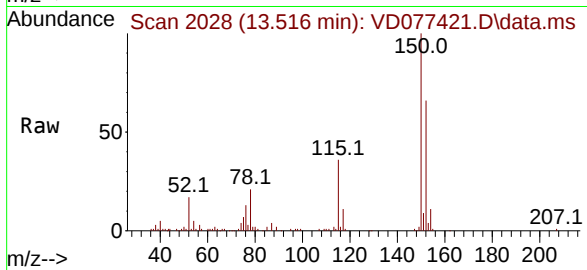
Tgt Ion:	117	Resp:	187188
Ion	Ratio	Lower	Upper
117	100		
82	50.0	38.3	57.5
119	32.6	25.0	37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD077421.D
 Acq: 25 Oct 2023 18:23

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



Tgt Ion:152 Resp: 49430
 Ion Ratio Lower Upper
 152 100
 115 57.0 27.1 81.3
 150 156.6 0.0 353.6

