

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102023\
 Data File : VD077367.D
 Acq On : 20 Oct 2023 16:29
 Operator : JC/SY
 Sample : 04977-08
 Misc : 3.63G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-406-VOC-02

Quant Time: Oct 21 05:30:38 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)

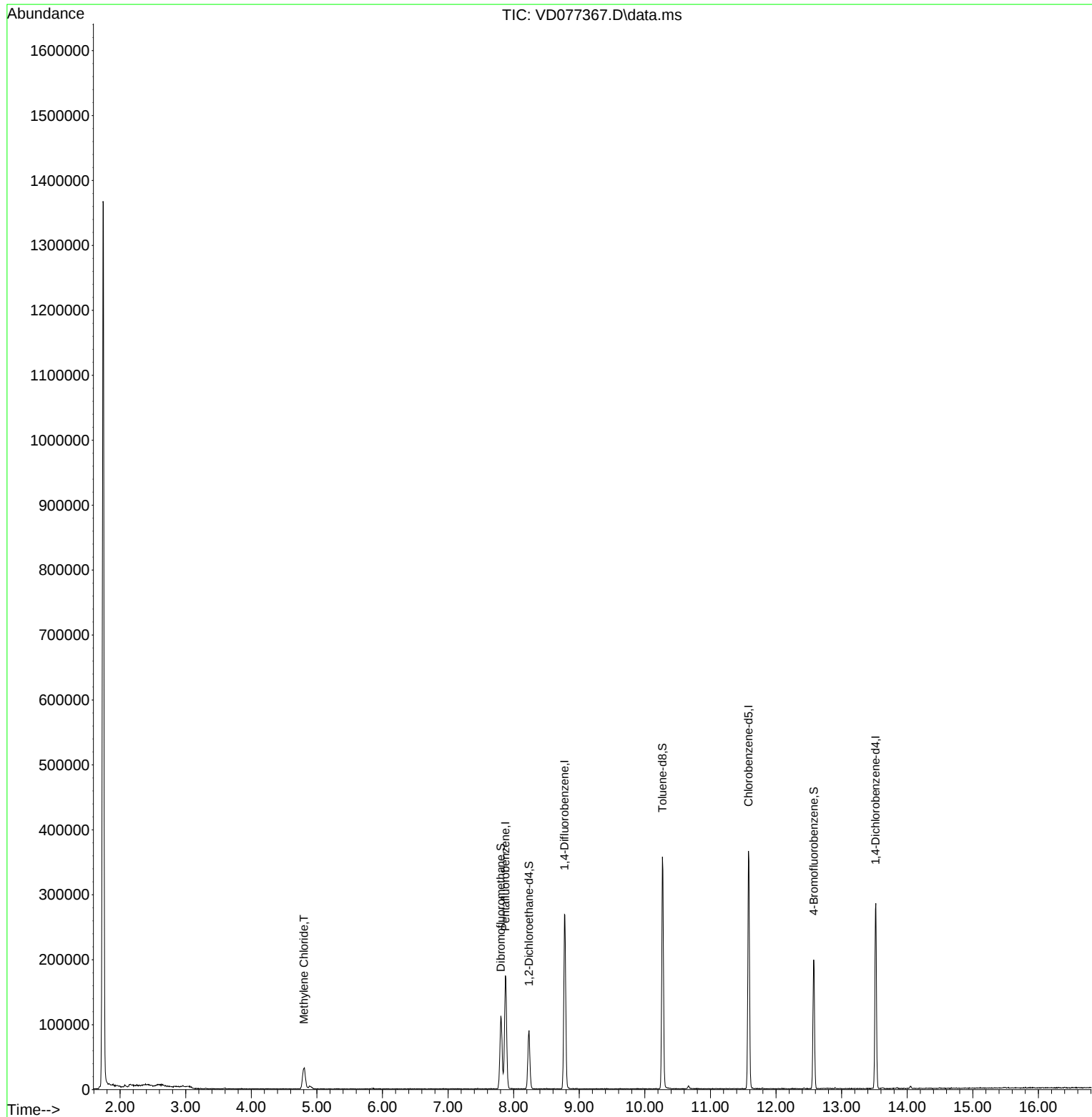
Internal Standards						
1) Pentafluorobenzene	7.875	168	137750	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	253391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	229925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	83119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	66747	54.265	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.520%
35) Dibromofluoromethane	7.804	113	80157	45.027	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.060%
50) Toluene-d8	10.269	98	257088	40.325	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.660%
62) 4-Bromofluorobenzene	12.575	95	60718	33.085	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	66.180%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.805	84	27885	13.609	ug/l	97

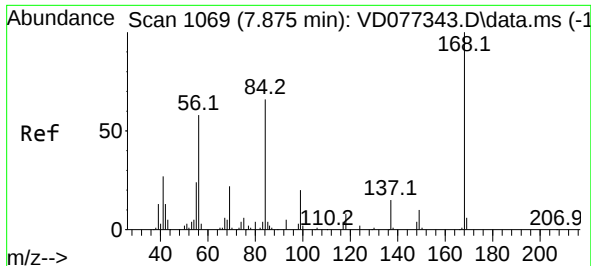
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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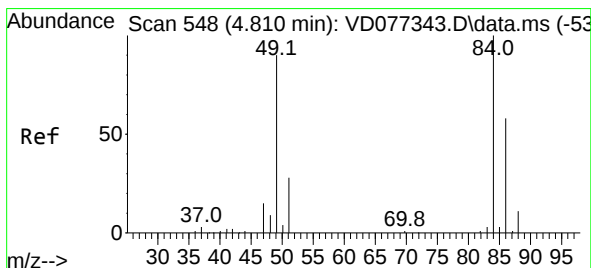
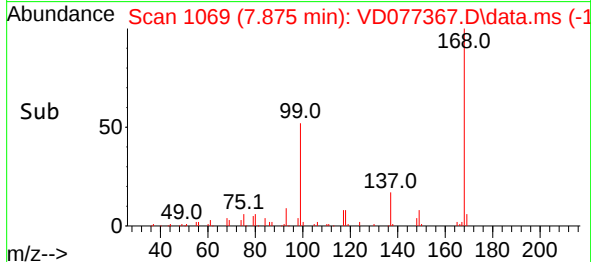
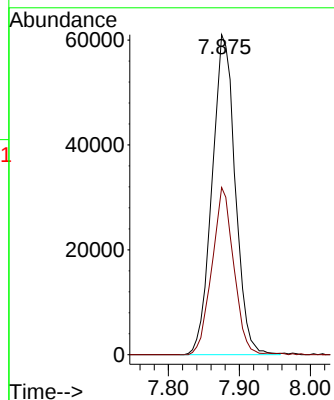
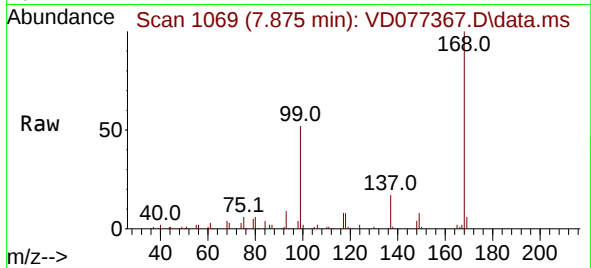




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077367.D
Acq: 20 Oct 2023 16:29

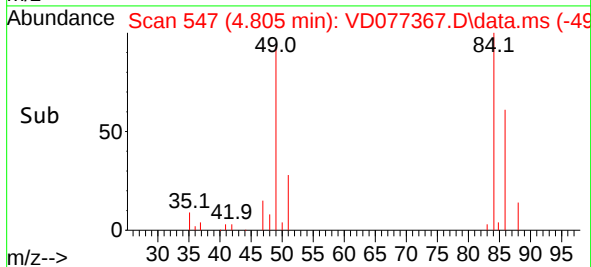
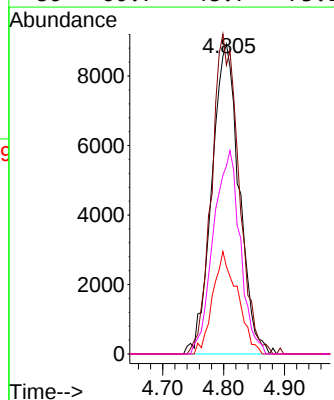
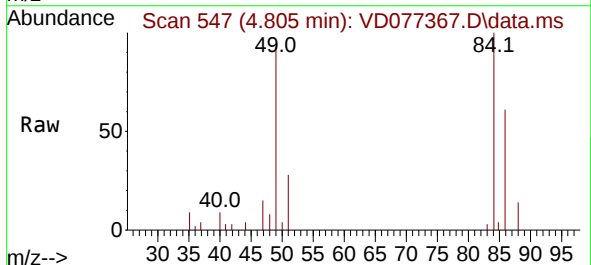
Instrument :
MSVOA_D
ClientSampleId :
NB-406-VOC-02

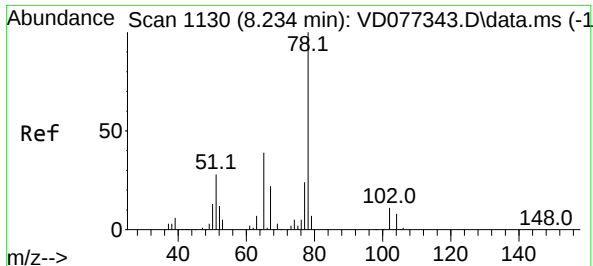
Tgt Ion:168 Resp: 137750
Ion Ratio Lower Upper
168 100
99 52.3 36.7 55.1



#20
Methylene Chloride
Concen: 13.609 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.005 min
Lab File: VD077367.D
Acq: 20 Oct 2023 16:29

Tgt Ion: 84 Resp: 27885
Ion Ratio Lower Upper
84 100
49 93.2 71.4 107.2
51 28.2 24.5 36.7
86 60.7 48.7 73.1





#33

1,2-Dichloroethane-d4

Concen: 54.265 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD077367.D

Acq: 20 Oct 2023 16:29

Instrument :

MSVOA_D

ClientSampleId :

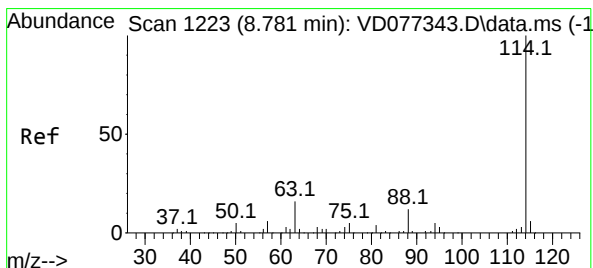
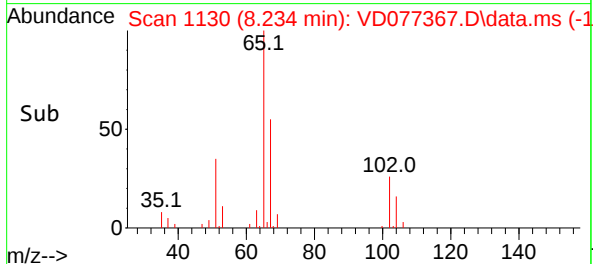
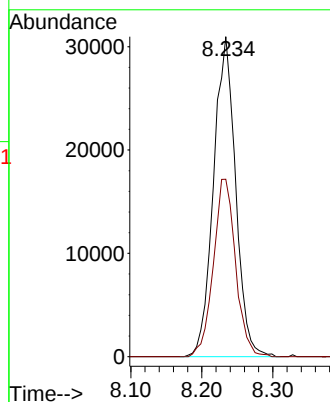
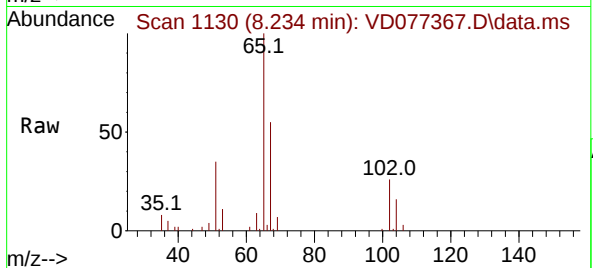
NB-406-VOC-02

Tgt Ion: 65 Resp: 66747

Ion Ratio Lower Upper

65 100

67 55.8 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: VD077367.D

Acq: 20 Oct 2023 16:29

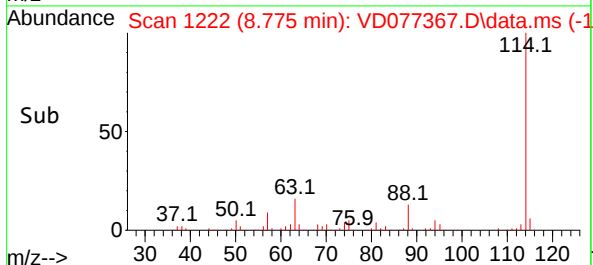
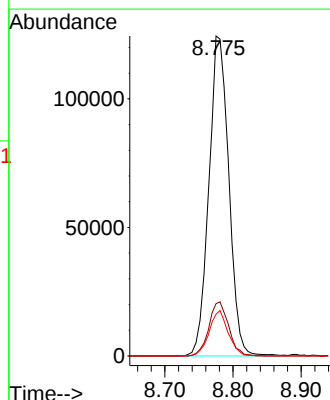
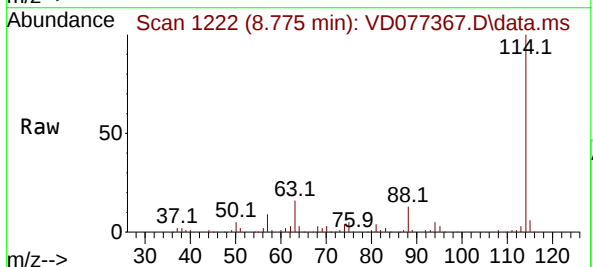
Tgt Ion: 114 Resp: 253391

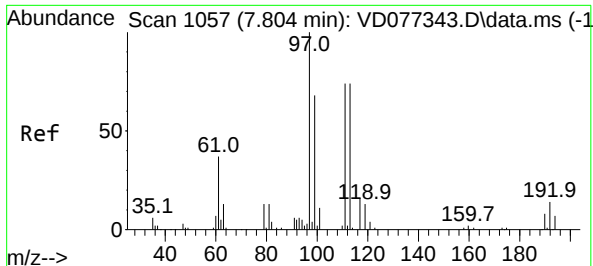
Ion Ratio Lower Upper

114 100

63 16.4 0.0 33.4

88 13.0 0.0 26.2

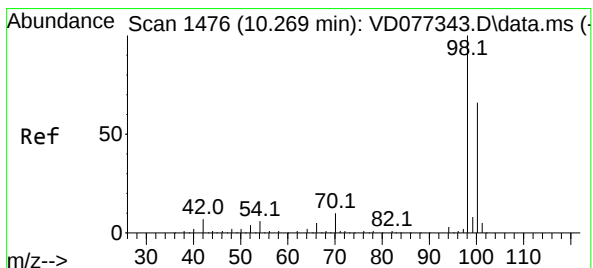
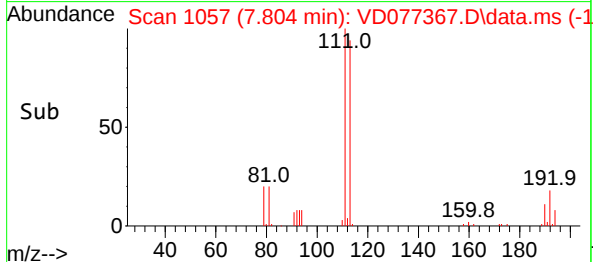
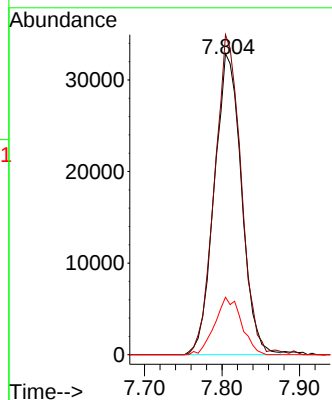
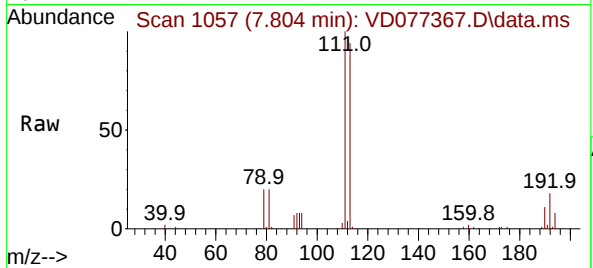




#35
 Dibromofluoromethane
 Concen: 45.027 ug/l
 RT: 7.804 min Scan# 1057
 Delta R.T. 0.000 min
 Lab File: VD077367.D
 Acq: 20 Oct 2023 16:29

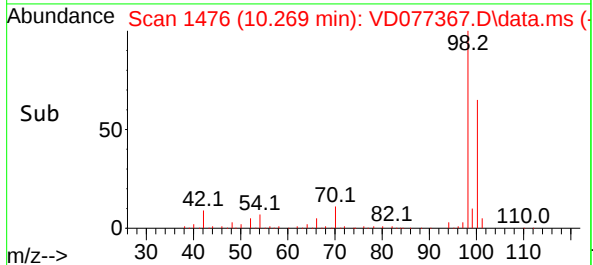
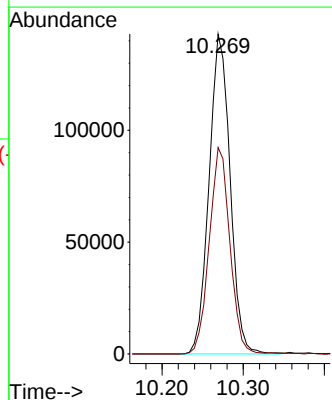
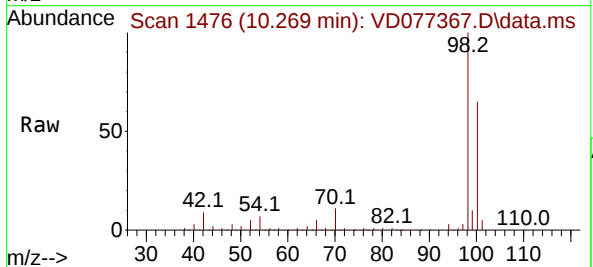
Instrument :
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 NB-406-VOC-02

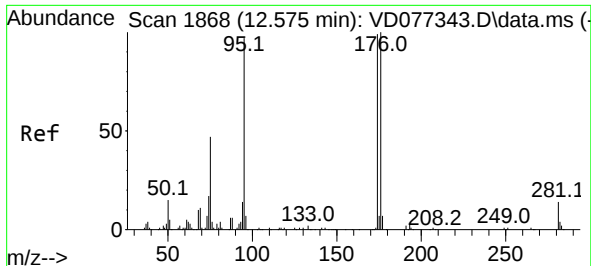
Tgt Ion:	113	Resp:	80157
Ion	Ratio	Lower	Upper
113	100		
111	103.7	84.7	127.1
192	18.7	16.8	25.2



#50
 Toluene-d8
 Concen: 40.325 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. 0.000 min
 Lab File: VD077367.D
 Acq: 20 Oct 2023 16:29

Tgt Ion:	98	Resp:	257088
Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.3	75.5

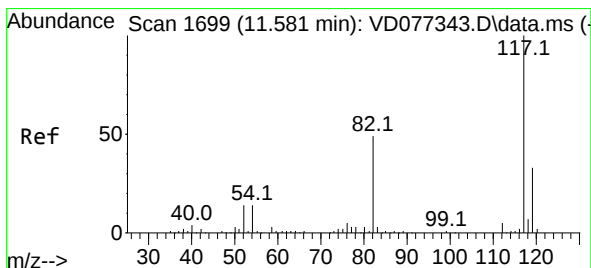
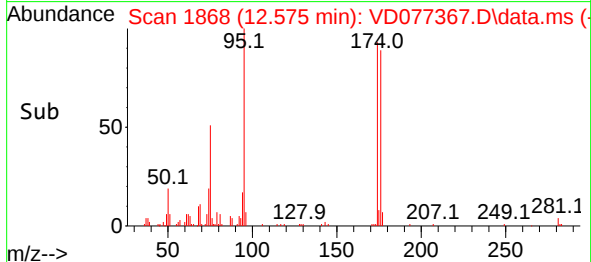
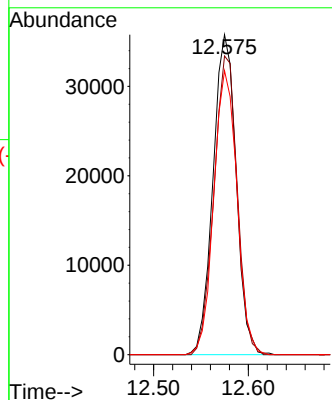
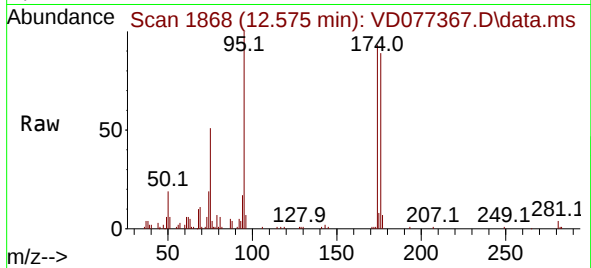




#62
4-Bromofluorobenzene
Concen: 33.085 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077367.D
Acq: 20 Oct 2023 16:29

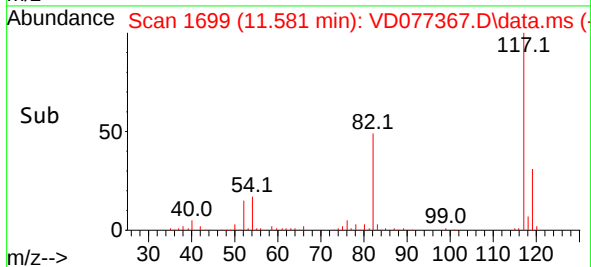
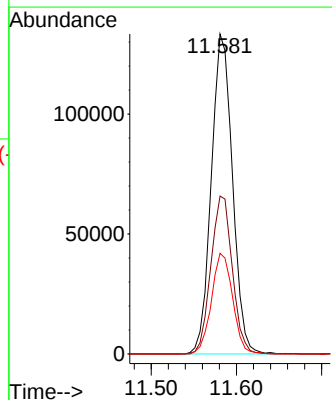
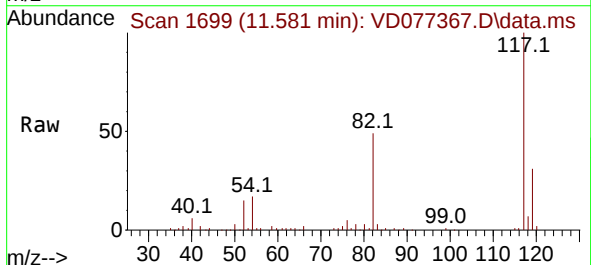
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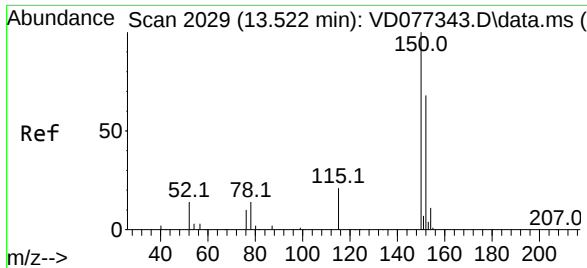
Tgt Ion:	95	Resp:	60718
Ion	Ratio	Lower	Upper
95	100		
174	93.8	0.0	201.8
176	89.2	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077367.D
Acq: 20 Oct 2023 16:29

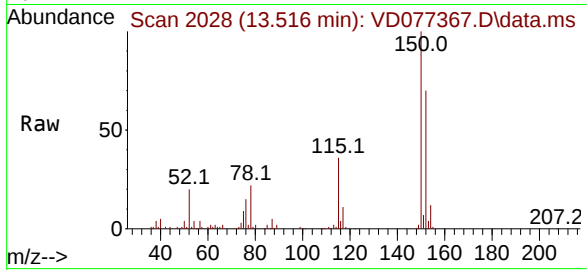
Tgt Ion:	117	Resp:	229925
Ion	Ratio	Lower	Upper
117	100		
82	49.4	38.3	57.5
119	31.4	25.0	37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD077367.D
 Acq: 20 Oct 2023 16:29

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-406-VOC-02



Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.9	27.1	81.3
150	152.9	0.0	353.6

