

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102023\
 Data File : VD077366.D
 Acq On : 20 Oct 2023 16:02
 Operator : JC/SY
 Sample : 04978-02
 Misc : 5.44G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Oct 21 05:30:16 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)

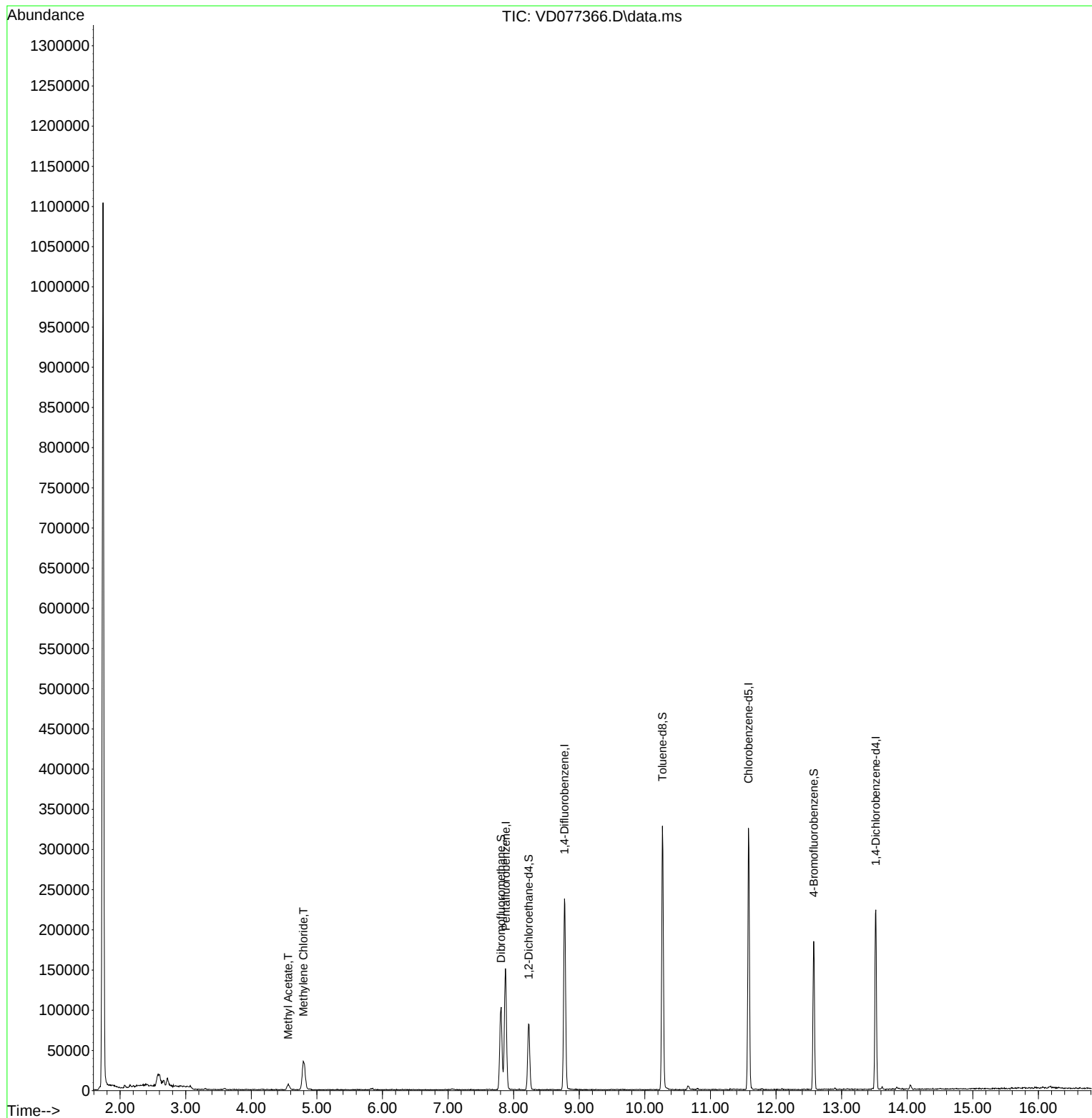
Internal Standards						
1) Pentafluorobenzene	7.881	168	119394	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	225370	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	199961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	64489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	64273	60.287	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.580%
35) Dibromofluoromethane	7.810	113	76190	48.120	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.240%
50) Toluene-d8	10.269	98	235990	41.618	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.240%
62) 4-Bromofluorobenzene	12.575	95	53517	32.787	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	65.580%
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.563	43	12323	15.145	ug/l	93
20) Methylene Chloride	4.793	84	31865	19.621	ug/l	95

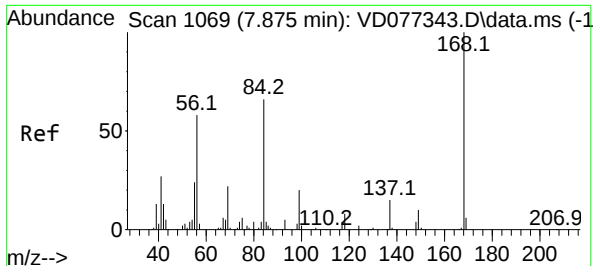
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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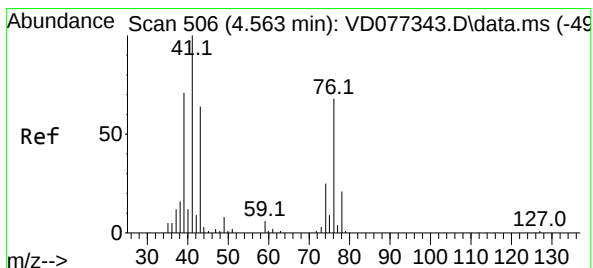
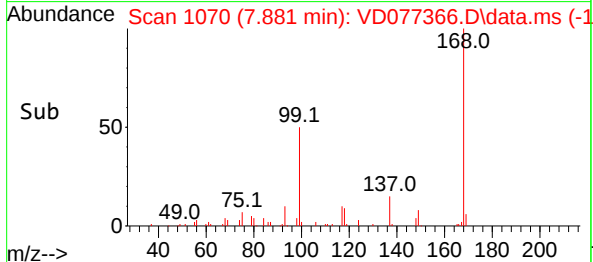
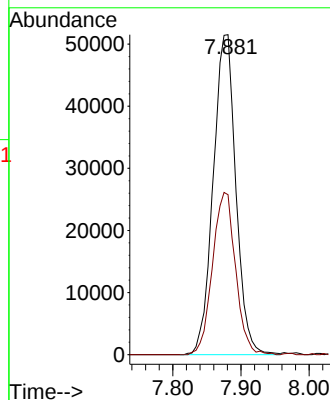
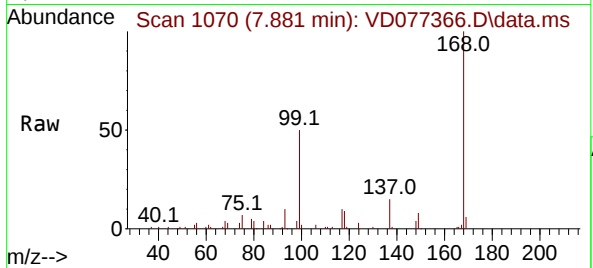




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077366.D
Acq: 20 Oct 2023 16:02

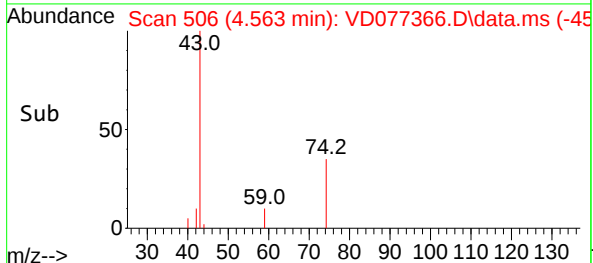
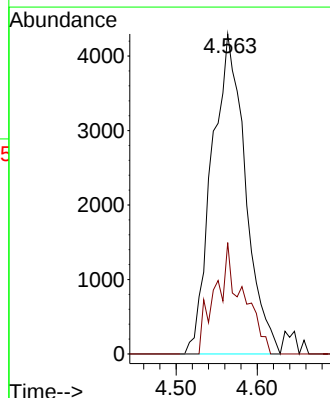
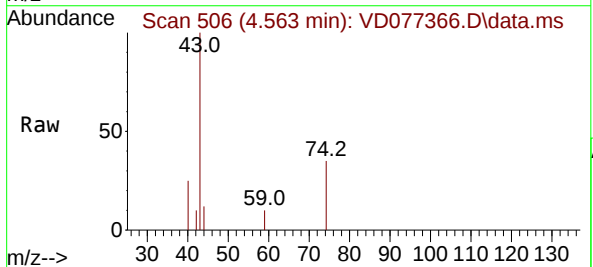
Instrument :
MSVOA_D
ClientSampleId :
NB-406-VOC-03

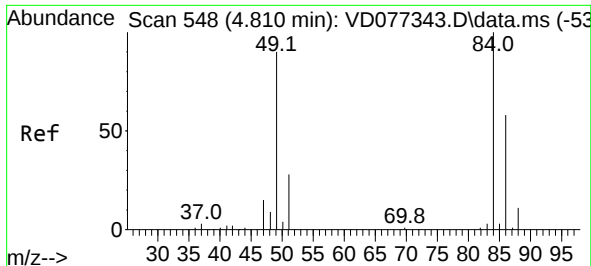
Tgt Ion:168 Resp: 119394
Ion Ratio Lower Upper
168 100
99 50.0 36.7 55.1



#18
Methyl Acetate
Concen: 15.145 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077366.D
Acq: 20 Oct 2023 16:02

Tgt Ion: 43 Resp: 12323
Ion Ratio Lower Upper
43 100
74 28.8 26.4 39.6

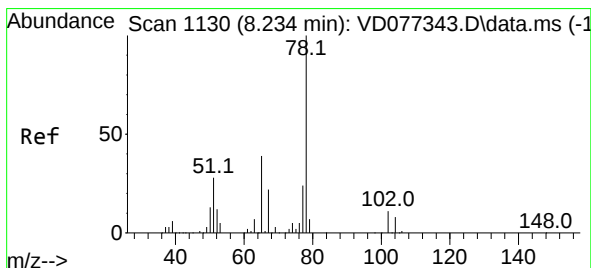
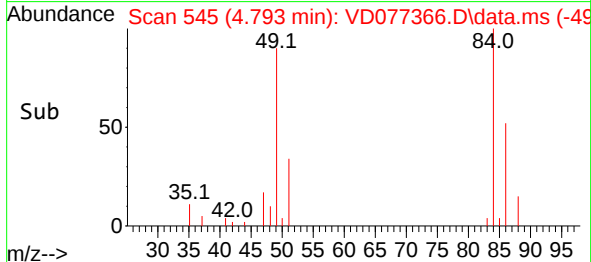
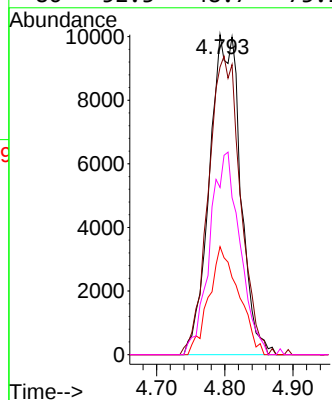
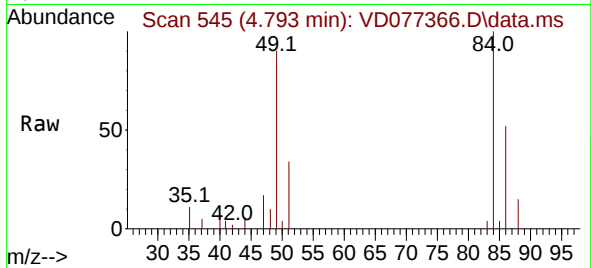




#20
Methylene Chloride
Concen: 19.621 ug/l
RT: 4.793 min Scan# 54
Delta R.T. -0.017 min
Lab File: VD077366.D
Acq: 20 Oct 2023 16:02

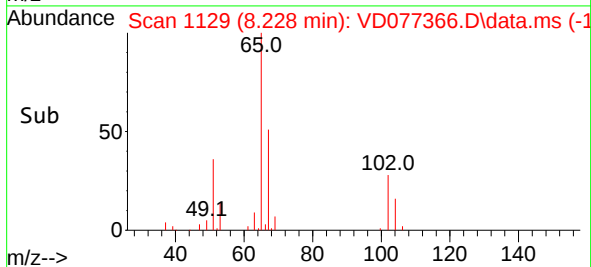
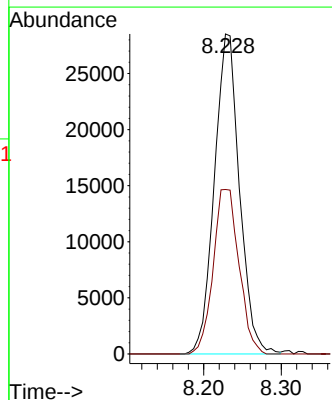
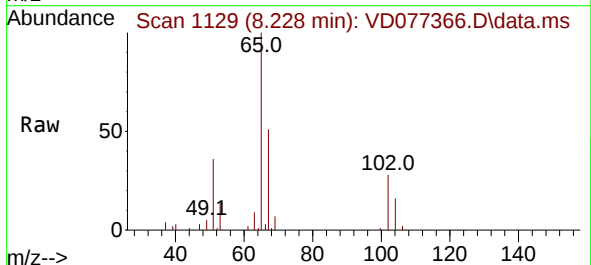
Instrument :
MSVOA_D
ClientSampleId :
NB-406-VOC-03

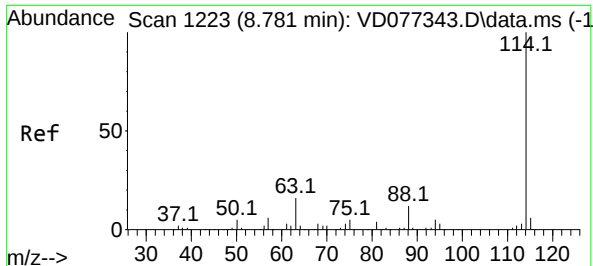
Tgt Ion: 84	Resp: 31865
Ion Ratio	Lower Upper
84 100	
49 89.9	71.4 107.2
51 33.8	24.5 36.7
86 52.3	48.7 73.1



#33
1,2-Dichloroethane-d4
Concen: 60.287 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD077366.D
Acq: 20 Oct 2023 16:02

Tgt Ion: 65	Resp: 64273
Ion Ratio	Lower Upper
65 100	
67 52.7	0.0 115.0

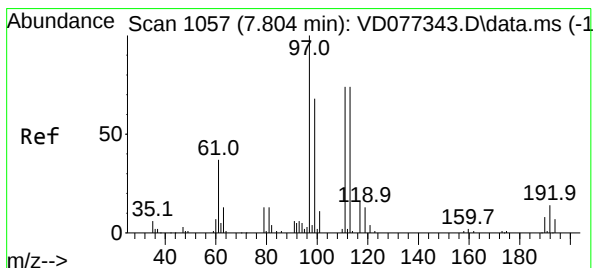
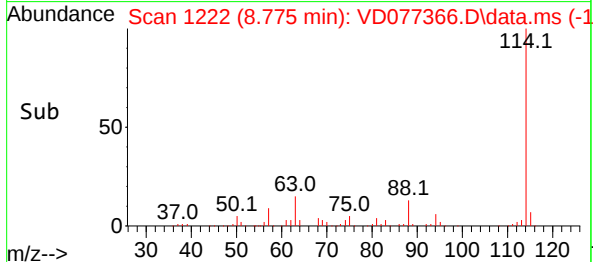
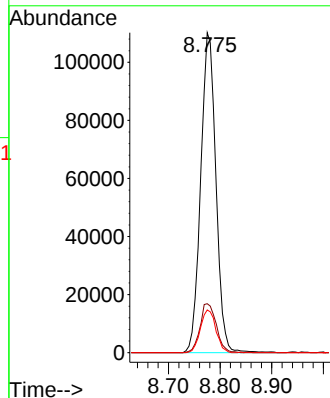
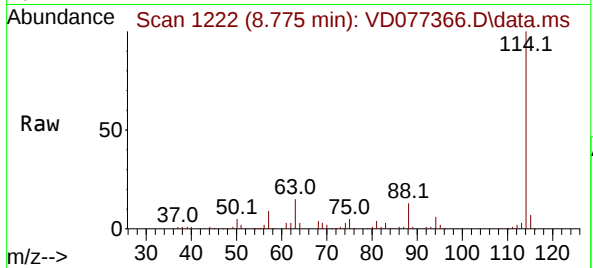




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077366.D
Acq: 20 Oct 2023 16:02

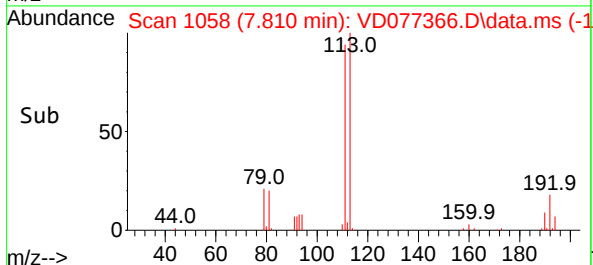
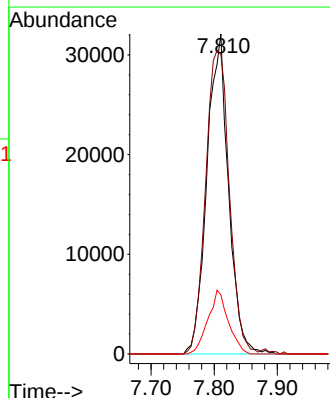
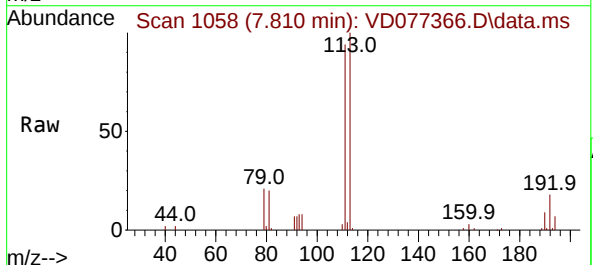
Instrument :
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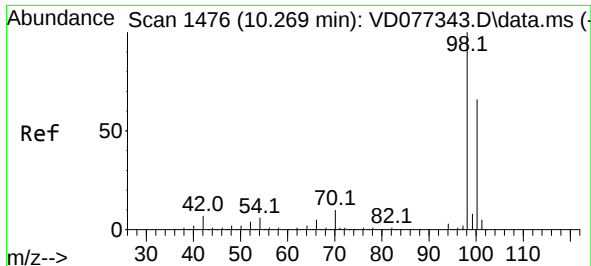
Tgt Ion:114 Resp: 225370
Ion Ratio Lower Upper
114 100
63 15.3 0.0 33.4
88 13.4 0.0 26.2



#35
Dibromofluoromethane
Concen: 48.120 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD077366.D
Acq: 20 Oct 2023 16:02

Tgt Ion:113 Resp: 76190
Ion Ratio Lower Upper
113 100
111 104.2 84.7 127.1
192 18.8 16.8 25.2

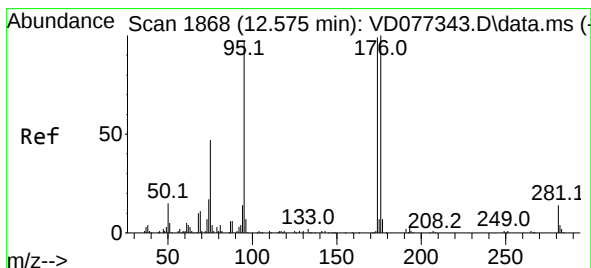
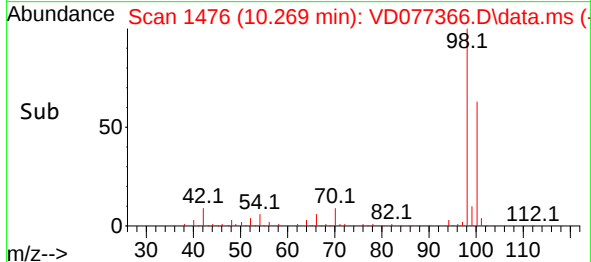
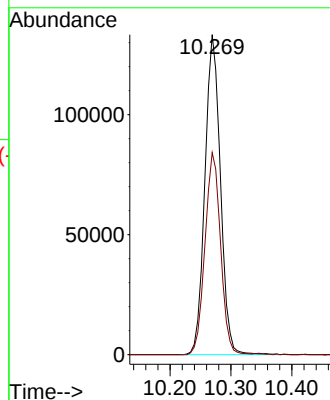
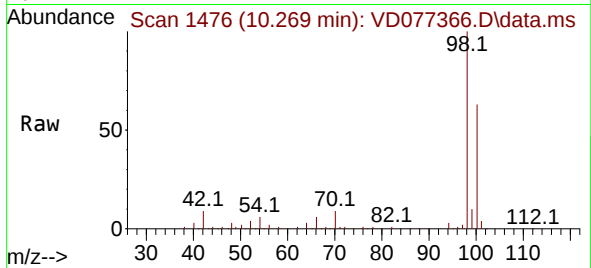




#50
Toluene-d8
Concen: 41.618 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077366.D
Acq: 20 Oct 2023 16:02

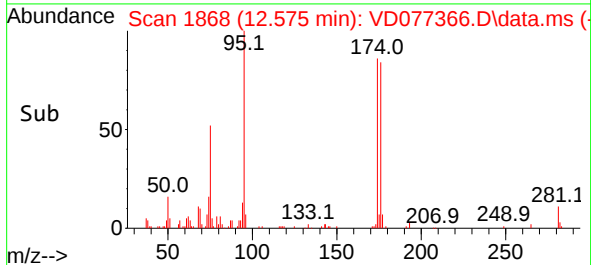
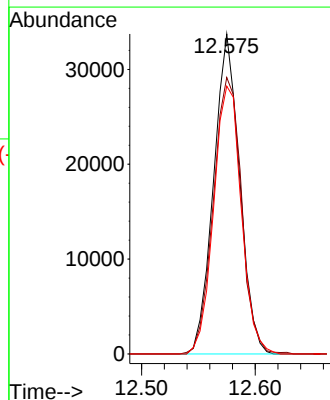
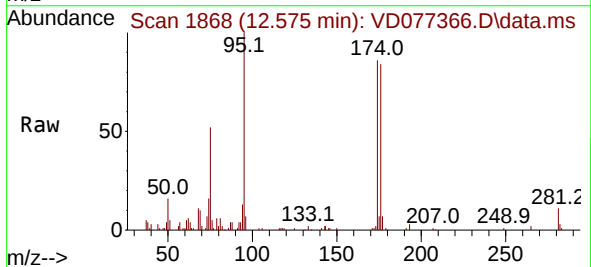
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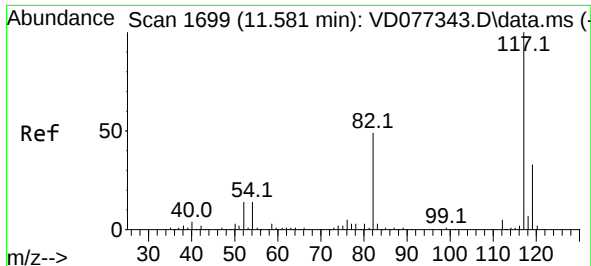
Tgt Ion: 98 Resp: 235990
Ion Ratio Lower Upper
98 100
100 63.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 32.787 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077366.D
Acq: 20 Oct 2023 16:02

Tgt Ion: 95 Resp: 53517
Ion Ratio Lower Upper
95 100
174 93.7 0.0 201.8
176 89.2 0.0 191.8

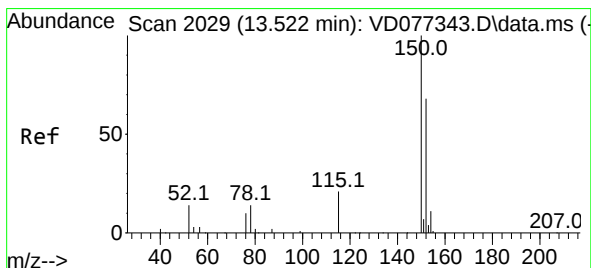
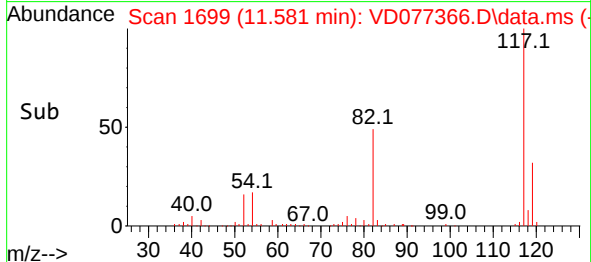
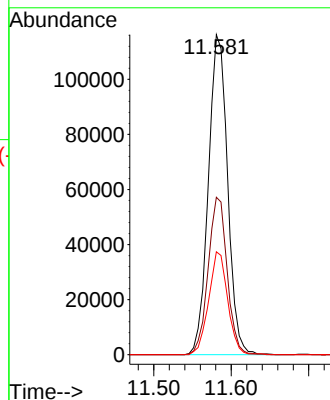
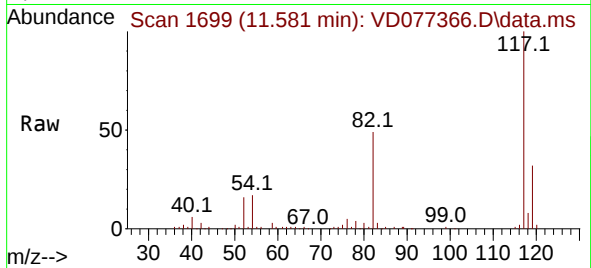




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD077366.D
Acq: 20 Oct 2023 16:02

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

Tgt Ion:117 Resp: 199961
Ion Ratio Lower Upper
117 100
82 49.2 38.3 57.5
119 32.1 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD077366.D
Acq: 20 Oct 2023 16:02

Tgt Ion:152 Resp: 64489
Ion Ratio Lower Upper
152 100
115 55.8 27.1 81.3
150 157.9 0.0 353.6

