

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070124\
 Data File : VD079296.D
 Acq On : 01 Jul 2024 15:18
 Operator : RP/MD
 Sample : P3135-02
 Misc : 3.45G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-628-VOC-01

Quant Time: Jul 02 05:58:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 29 06:28:31 2024
 Response via : Initial Calibration

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

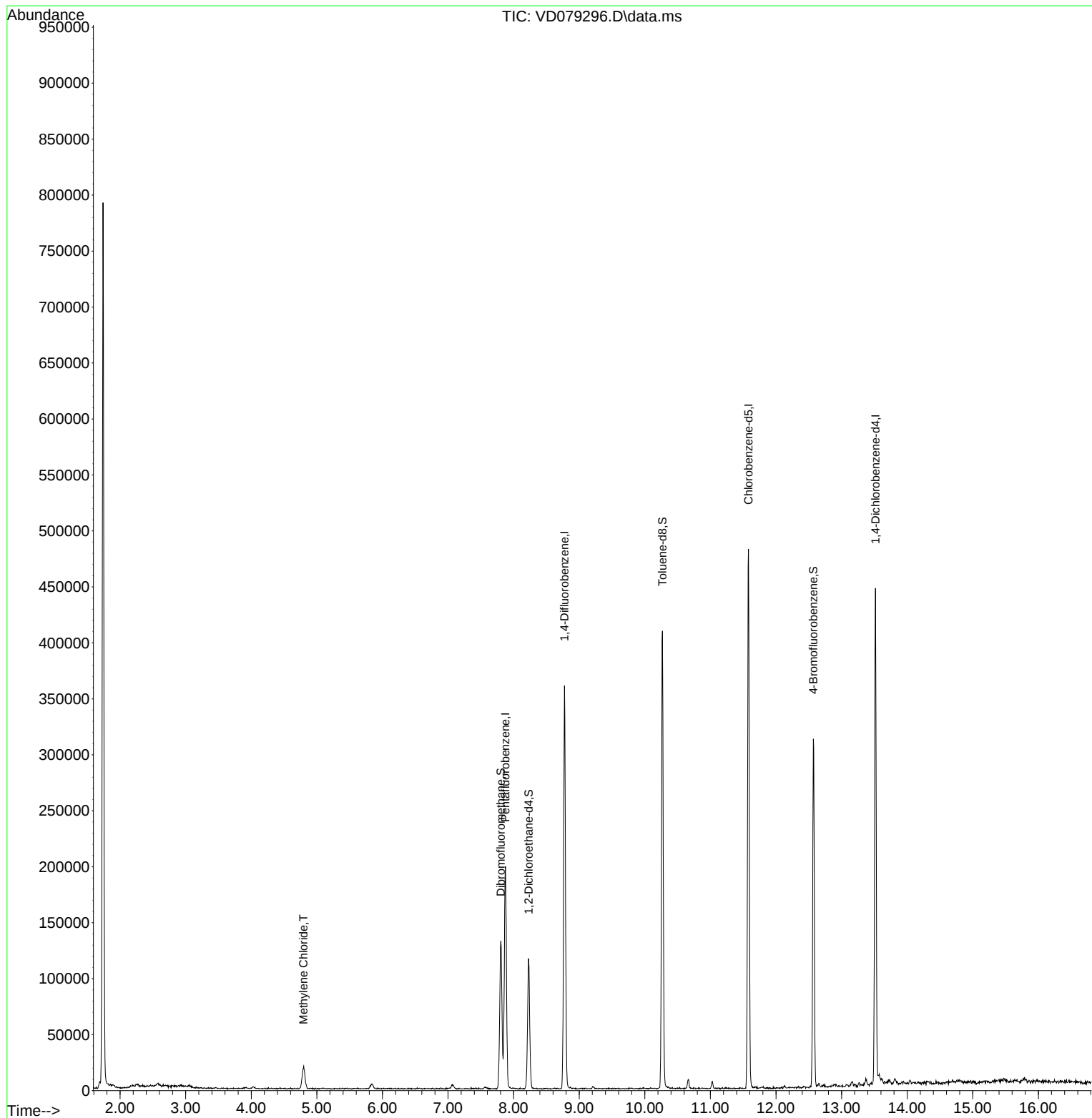
Internal Standards						
1) Pentafluorobenzene	7.875	168	139649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	300273	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	286161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	114232	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	87283	65.153	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.300%
35) Dibromofluoromethane	7.805	113	97096	49.263	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.520%
50) Toluene-d8	10.269	98	293121	41.339	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	82.680%
62) 4-Bromofluorobenzene	12.569	95	102903	45.257	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.520%
Target Compounds						
20) Methylene Chloride	4.793	84	16606	1.952	ug/l	Qvalue 90

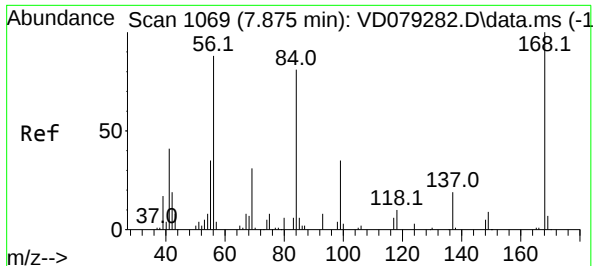
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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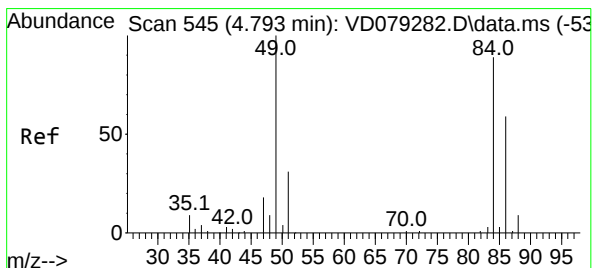
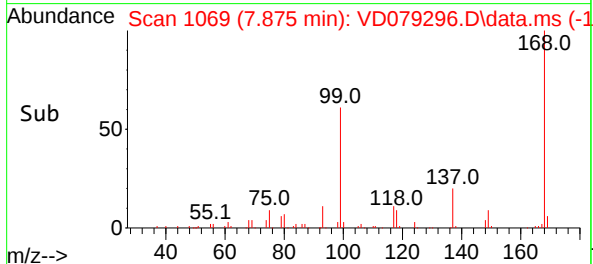
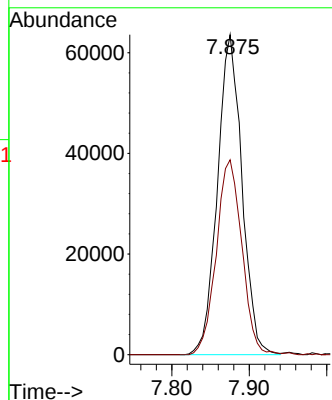
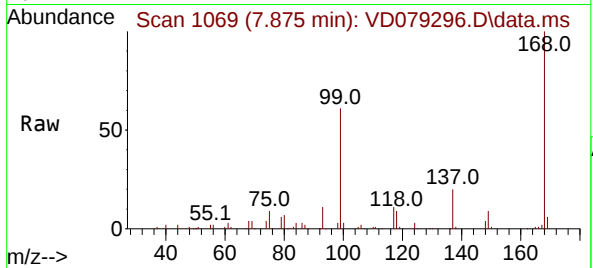




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079296.D
Acq: 01 Jul 2024 15:18

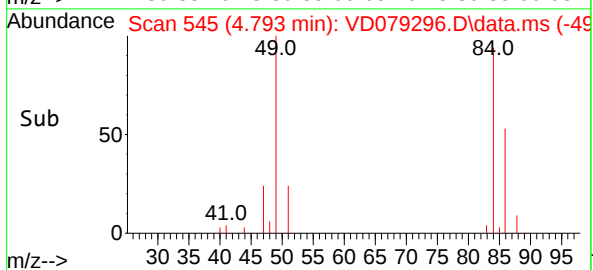
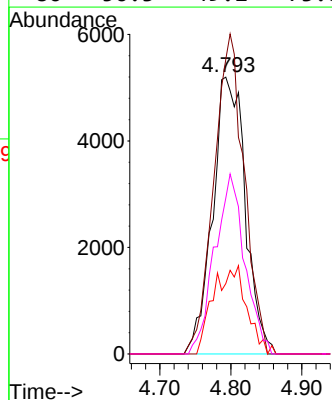
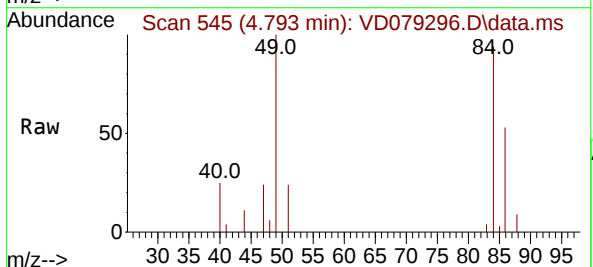
Instrument :
MSVOA_D
ClientSampleId :
OK-628-VOC-01

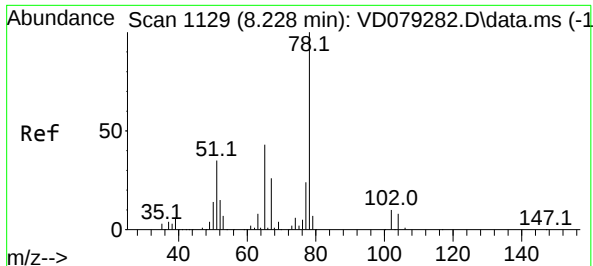
Tgt Ion:168 Resp: 139649
Ion Ratio Lower Upper
168 100
99 60.9 41.1 61.7



#20
Methylene Chloride
Concen: 1.952 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD079296.D
Acq: 01 Jul 2024 15:18

Tgt Ion: 84 Resp: 16606
Ion Ratio Lower Upper
84 100
49 106.5 75.6 113.4
51 25.5 24.2 36.2
86 56.3 49.2 73.8





#33

1,2-Dichloroethane-d4

Concen: 65.153 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079296.D

Acq: 01 Jul 2024 15:18

Instrument :

MSVOA_D

ClientSampleId :

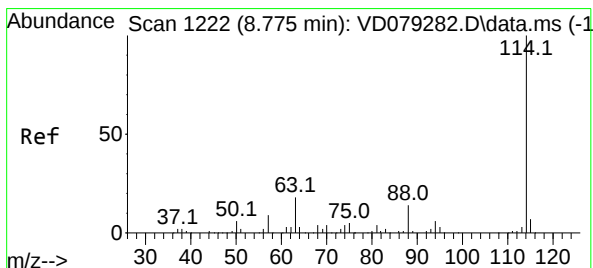
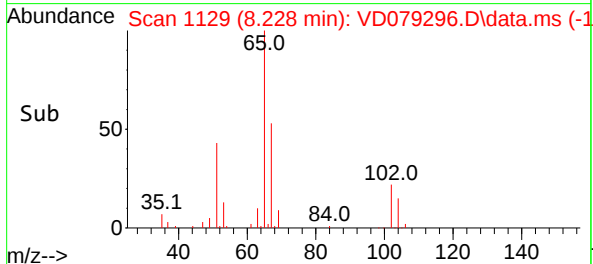
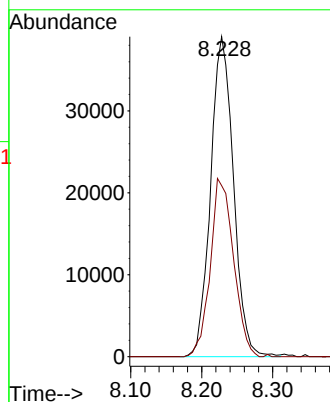
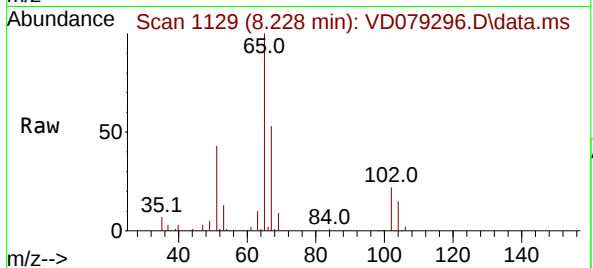
OK-628-VOC-01

Tgt Ion: 65 Resp: 87283

Ion Ratio Lower Upper

65 100

67 56.6 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079296.D

Acq: 01 Jul 2024 15:18

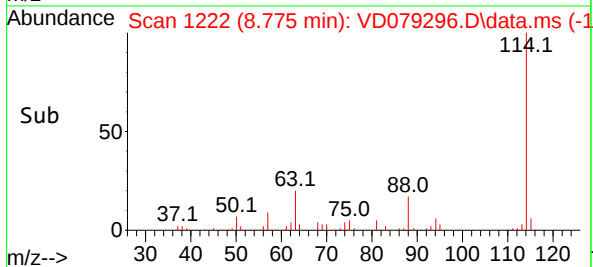
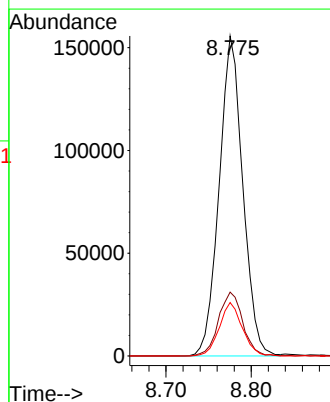
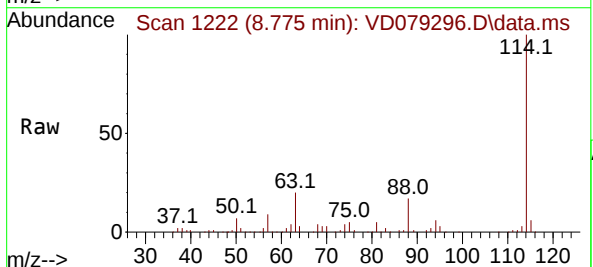
Tgt Ion: 114 Resp: 300273

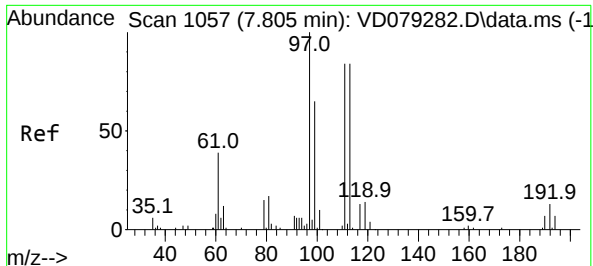
Ion Ratio Lower Upper

114 100

63 20.0 0.0 34.0

88 16.7 0.0 27.2





#35

Dibromofluoromethane

Concen: 49.263 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079296.D

Acq: 01 Jul 2024 15:18

Instrument :

MSVOA_D

ClientSampleId :

OK-628-VOC-01

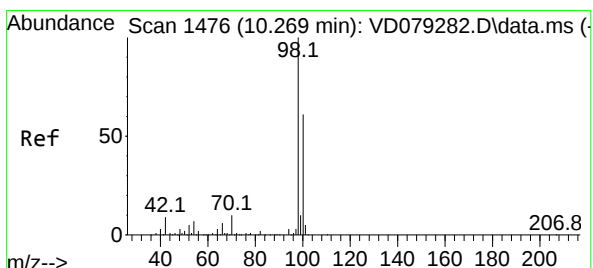
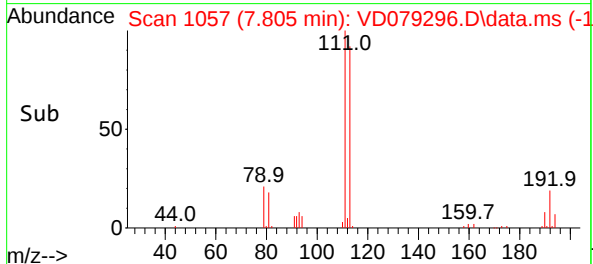
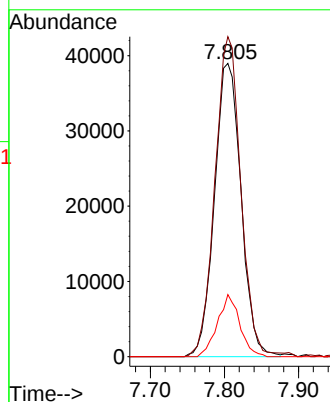
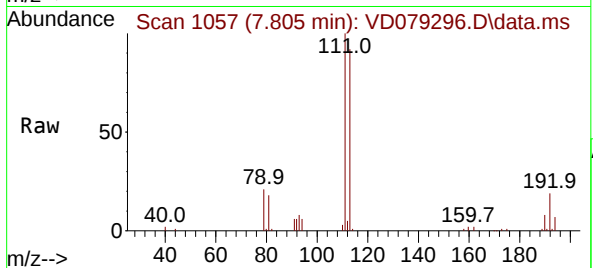
Tgt Ion:113 Resp: 97096

Ion Ratio Lower Upper

113 100

111 106.5 84.0 126.0

192 17.8 15.4 23.0



#50

Toluene-d8

Concen: 41.339 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD079296.D

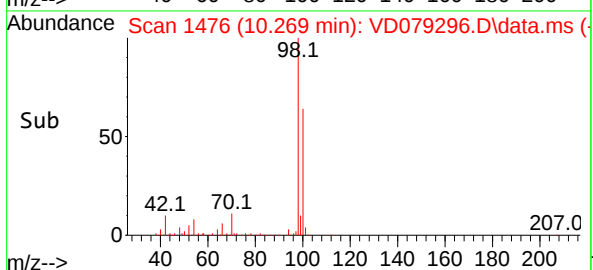
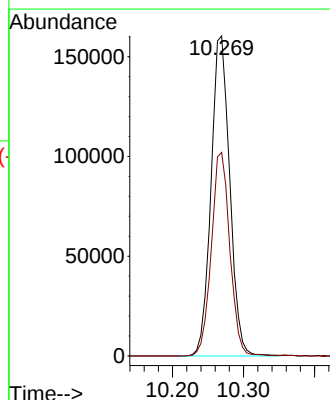
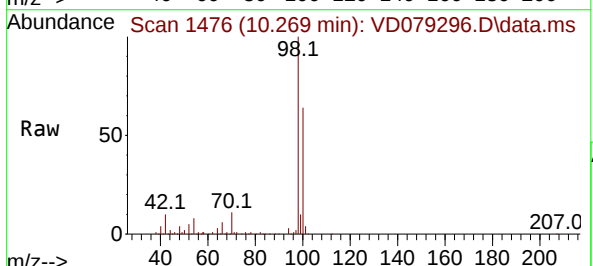
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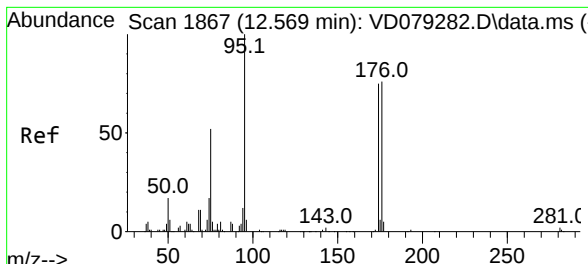
Tgt Ion: 98 Resp: 293121

Ion Ratio Lower Upper

98 100

100 62.8 51.6 77.4

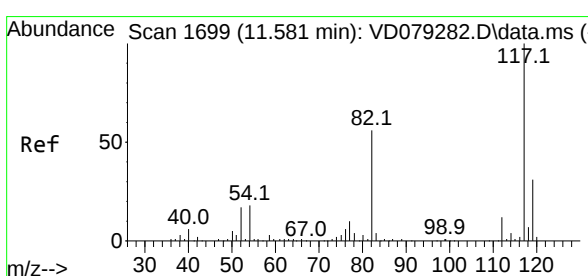
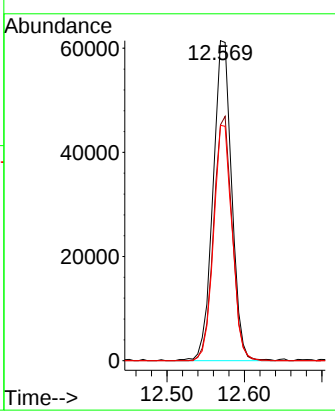
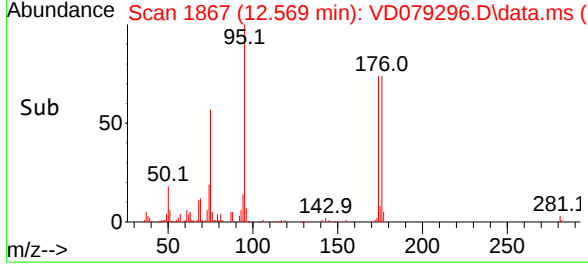
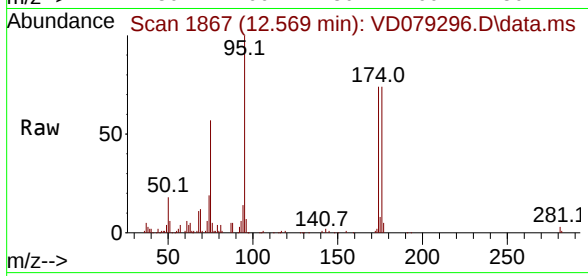




#62
 4-Bromofluorobenzene
 Concen: 45.257 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VD079296.D
 Acq: 01 Jul 2024 15:18

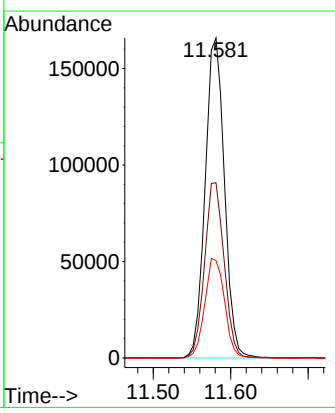
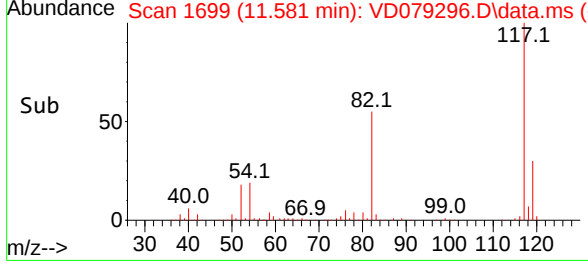
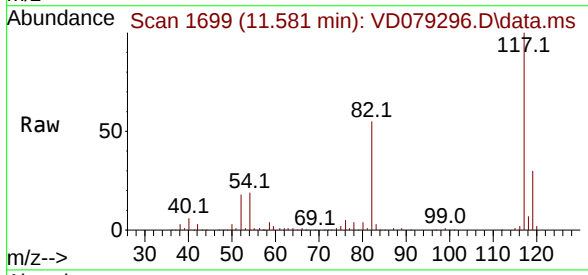
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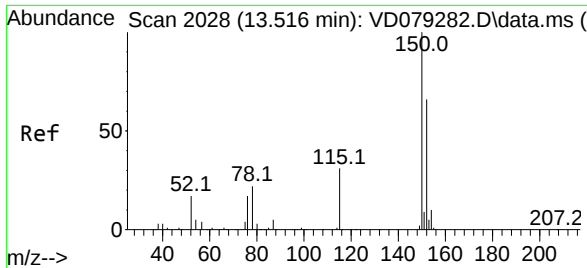
Tgt Ion:	95	Resp:	102903
Ion	Ratio	Lower	Upper
95	100		
174	75.5	0.0	195.4
176	72.7	0.0	192.6



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.581 min Scan# 1699
 Delta R.T. -0.000 min
 Lab File: VD079296.D
 Acq: 01 Jul 2024 15:18

Tgt Ion:	117	Resp:	286161
Ion	Ratio	Lower	Upper
117	100		
82	54.8	39.8	59.6
119	30.4	25.7	38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD079296.D
 Acq: 01 Jul 2024 15:18

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-628-VOC-01

Tgt Ion:152 Resp: 114232
 Ion Ratio Lower Upper
 152 100
 115 63.8 26.5 79.5
 150 158.8 0.0 341.6

