

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082923\
 Data File : VD077065.D
 Acq On : 29 Aug 2023 16:44
 Operator : JC/SY
 Sample : 04197-17
 Misc : 5.60G/5.5ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-309-OK-370-VOC-22

Quant Time: Aug 29 21:00:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 02:15:23 2023
 Response via : Initial Calibration

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

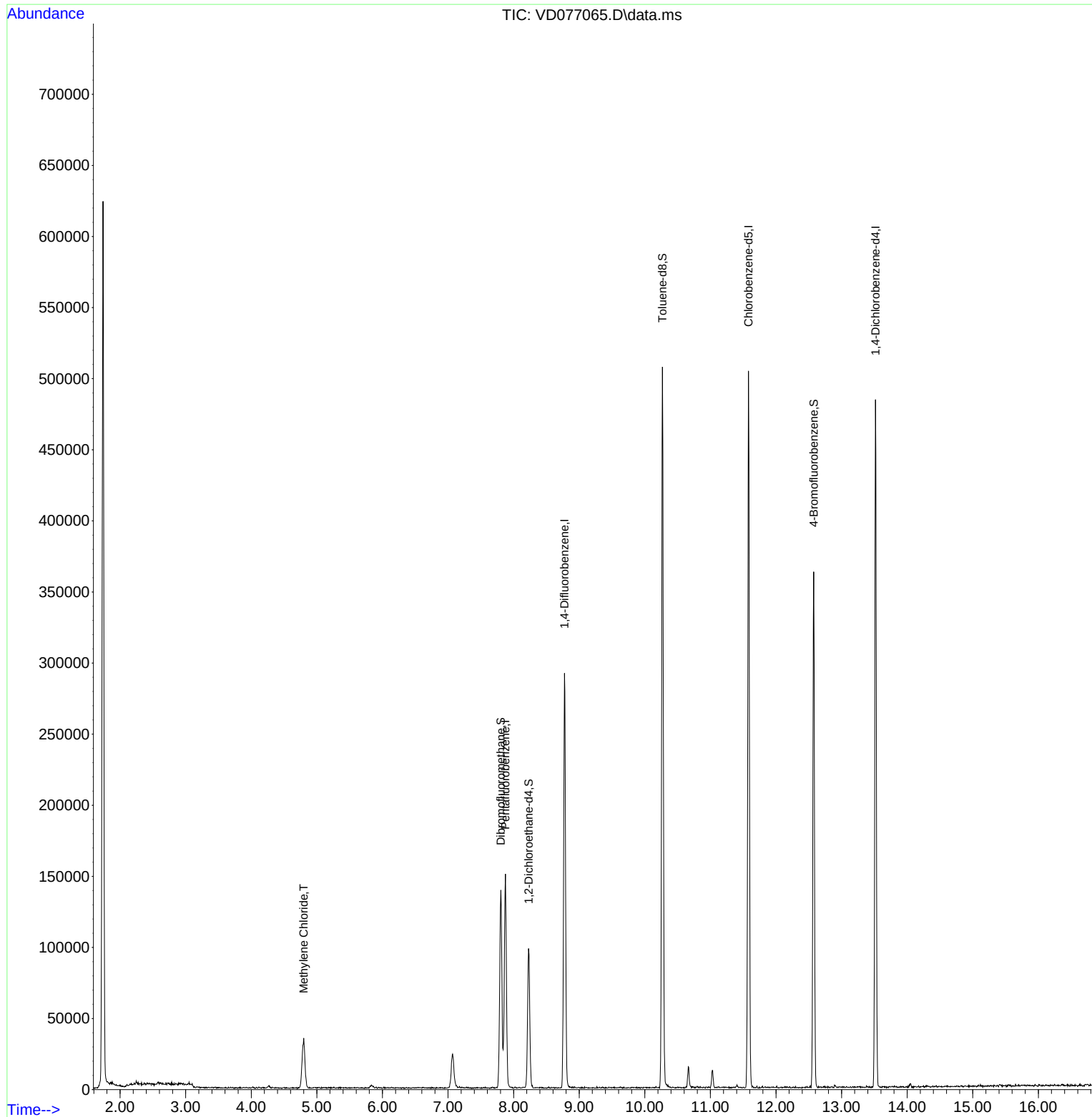
Internal Standards						
1) Pentafluorobenzene	7.875	168	115302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	269939	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	302774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	130130	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	76146	67.076	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.160%	
35) Dibromofluoromethane	7.805	113	98711	54.737	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.480%	
50) Toluene-d8	10.269	98	354707	54.369	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.740%	
62) 4-Bromofluorobenzene	12.575	95	107974	56.134	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.260%	
Target Compounds						
20) Methylene Chloride	4.799	84	29654	15.582	ug/l	Qvalue # 87

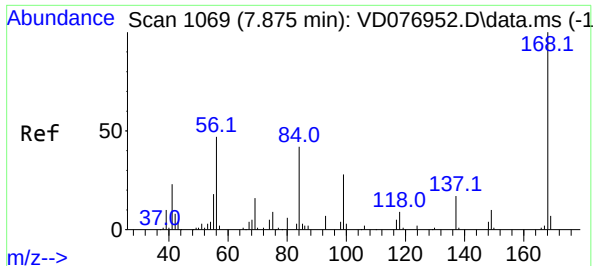
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082923\
Data File : VD077065.D
Acq On : 29 Aug 2023 16:44
Operator : JC/SY
Sample : 04197-17
Misc : 5.60G/5.5ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OR-309-OK-370-VOC-22

Quant Time: Aug 29 21:00:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 29 02:15:23 2023
Response via : Initial Calibration

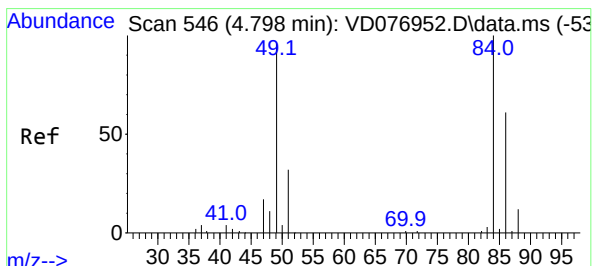
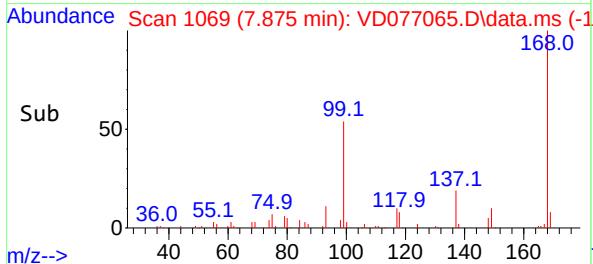
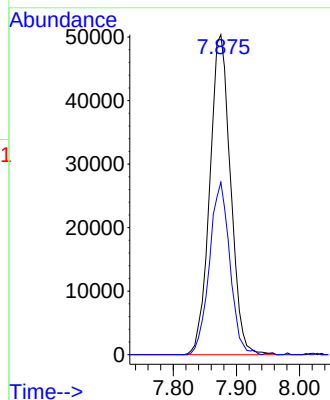
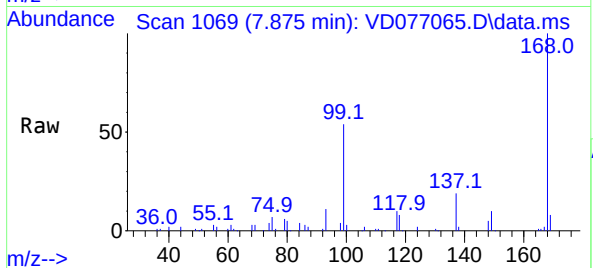




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077065.D
Acq: 29 Aug 2023 16:44

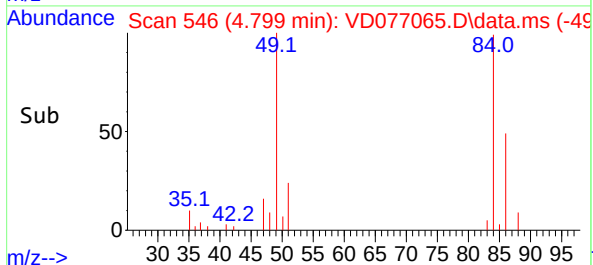
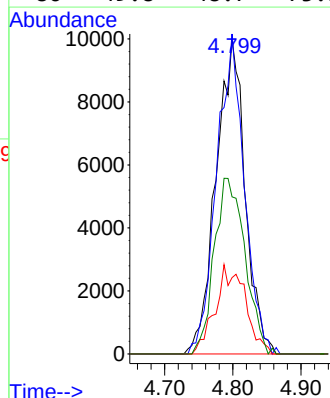
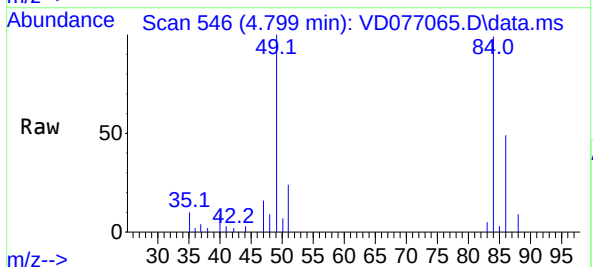
Instrument :
MSVOA_D
ClientSampleId :
OR-309-OK-370-VOC-22

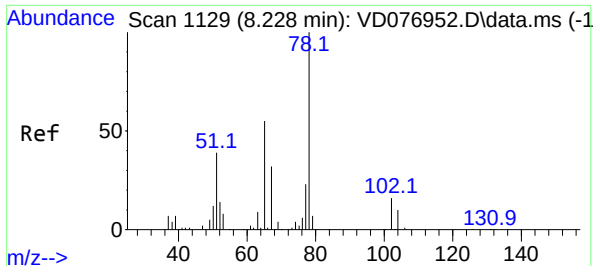
Tgt Ion:168 Resp: 115302
Ion Ratio Lower Upper
168 100
99 53.9 36.7 55.1



#20
Methylene Chloride
Concen: 15.582 ug/l
RT: 4.799 min Scan# 546
Delta R.T. 0.001 min
Lab File: VD077065.D
Acq: 29 Aug 2023 16:44

Tgt Ion: 84 Resp: 29654
Ion Ratio Lower Upper
84 100
49 101.5 71.4 107.2
51 24.2 24.5 36.7#
86 49.8 48.7 73.1

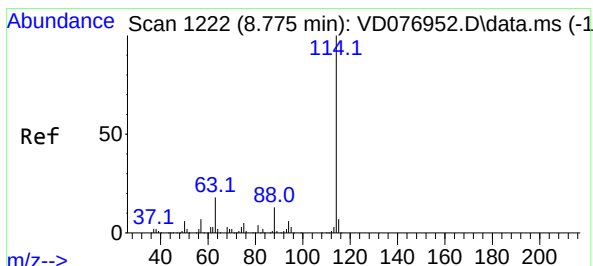
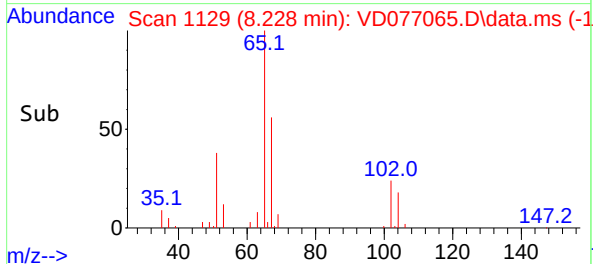
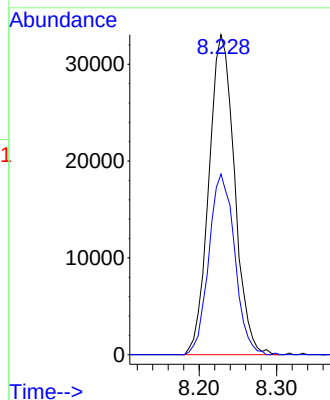
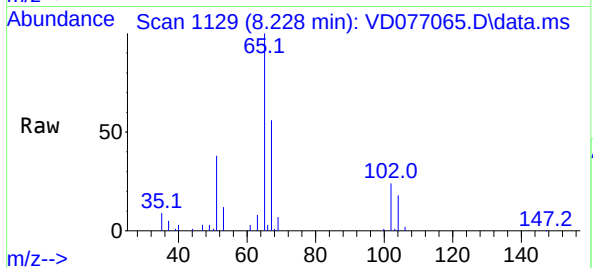




#33
1,2-Dichloroethane-d4
Concen: 67.076 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077065.D
Acq: 29 Aug 2023 16:44

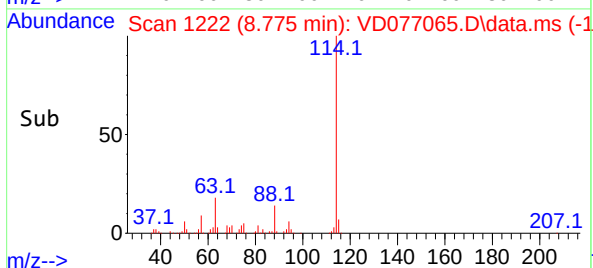
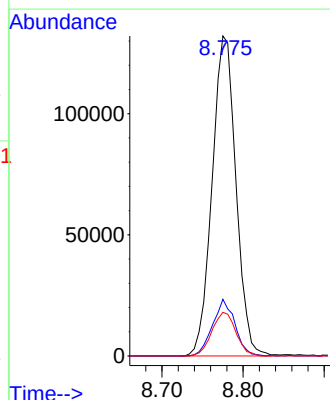
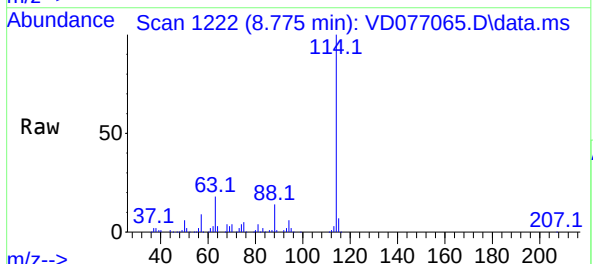
Instrument :
MSVOA_D
ClientSampleId :
OR-309-OK-370-VOC-22

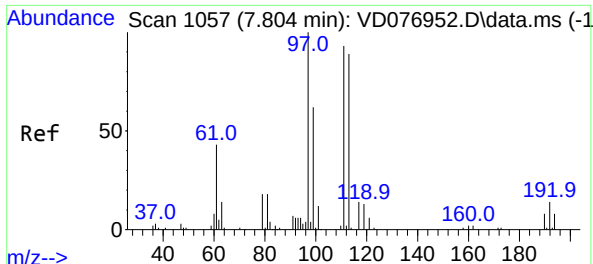
Tgt Ion: 65 Resp: 76146
Ion Ratio Lower Upper
65 100
67 56.8 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD077065.D
Acq: 29 Aug 2023 16:44

Tgt Ion:114 Resp: 269939
Ion Ratio Lower Upper
114 100
63 17.7 0.0 33.4
88 13.7 0.0 26.2

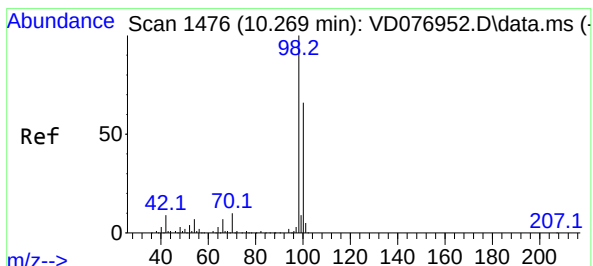
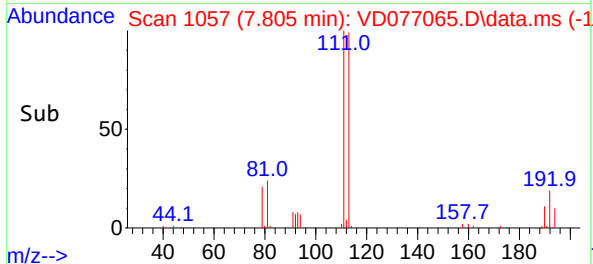
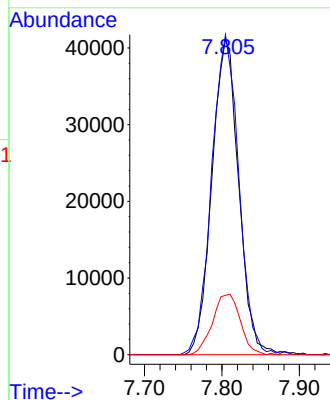
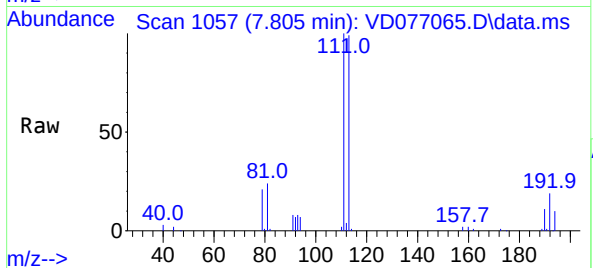




#35
Dibromofluoromethane
Concen: 54.737 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VD077065.D
Acq: 29 Aug 2023 16:44

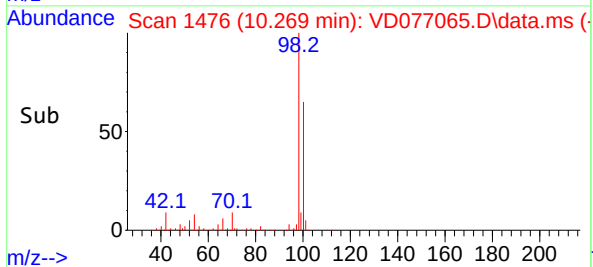
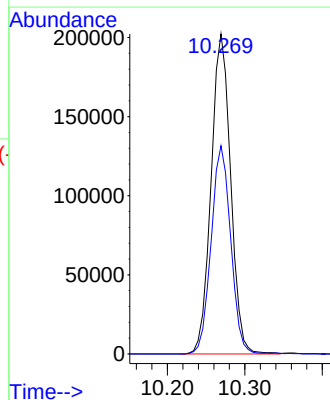
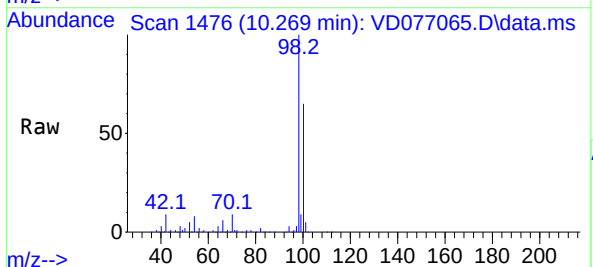
Instrument :
MSVOA_D
ClientSampleId :
OR-309-OK-370-VOC-22

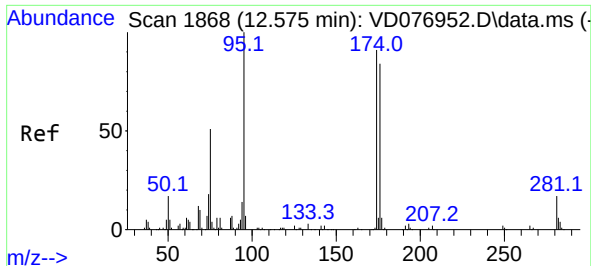
Tgt Ion:113 Resp: 98711
Ion Ratio Lower Upper
113 100
111 103.0 84.7 127.1
192 19.9 16.8 25.2



#50
Toluene-d8
Concen: 54.369 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077065.D
Acq: 29 Aug 2023 16:44

Tgt Ion: 98 Resp: 354707
Ion Ratio Lower Upper
98 100
100 65.1 50.3 75.5

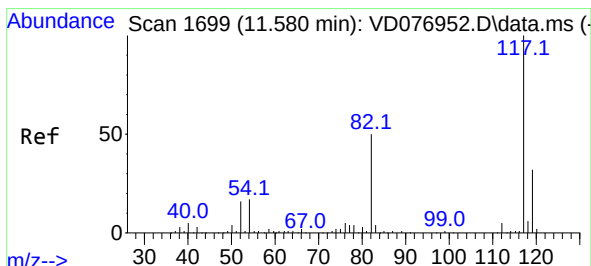
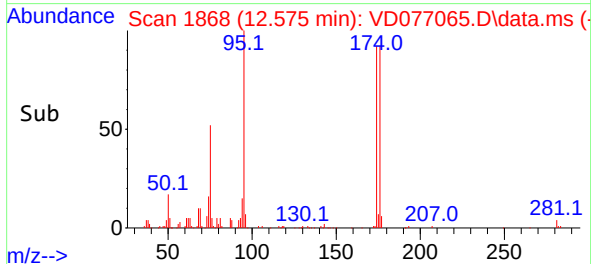
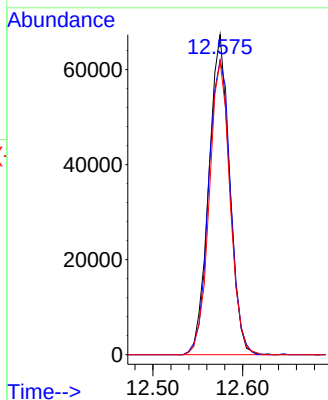
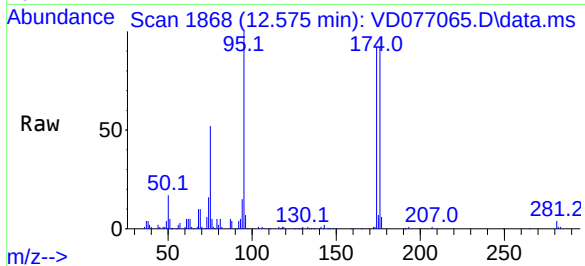




#62
4-Bromofluorobenzene
Concen: 56.134 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077065.D
Acq: 29 Aug 2023 16:44

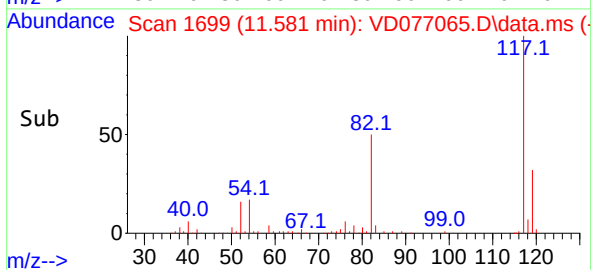
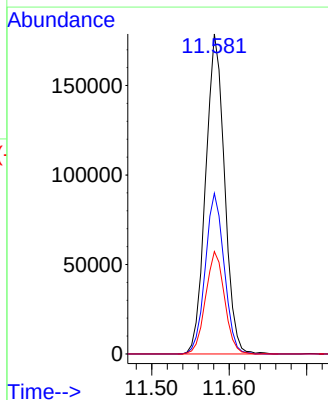
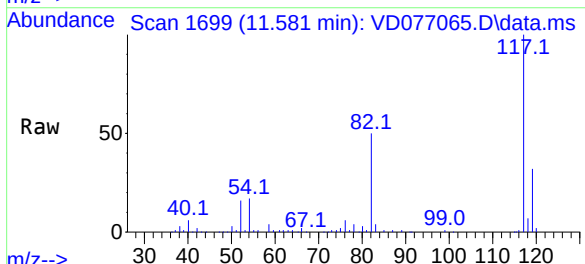
Instrument :
MSVOA_D
ClientSampleId :
OR-309-OK-370-VOC-22

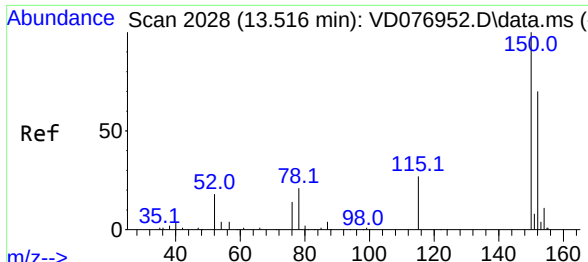
Tgt Ion: 95 Resp: 107974
Ion Ratio Lower Upper
95 100
174 97.7 0.0 201.8
176 91.6 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.001 min
Lab File: VD077065.D
Acq: 29 Aug 2023 16:44

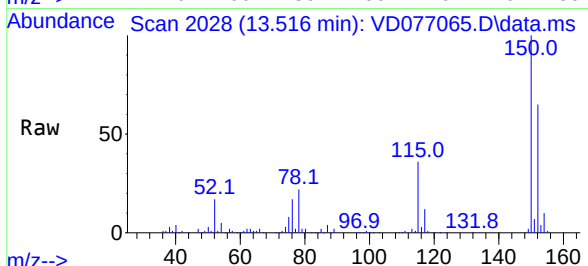
Tgt Ion: 117 Resp: 302774
Ion Ratio Lower Upper
117 100
82 50.2 38.3 57.5
119 32.0 25.0 37.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD077065.D
Acq: 29 Aug 2023 16:44

Instrument :
MSVOA_D
ClientSampleId :
OR-309-OK-370-VOC-22



Tgt Ion:	152	Resp:	130130
Ion	Ratio	Lower	Upper
152	100		
115	56.4	27.1	81.3
150	160.4	0.0	353.6

