

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082923\
 Data File : VD077064.D
 Acq On : 29 Aug 2023 16:16
 Operator : JC/SY
 Sample : 04197-10
 Misc : 5.82G/5.5ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-309-OK-370-VOC-21

Quant Time: Aug 29 21:00:45 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)

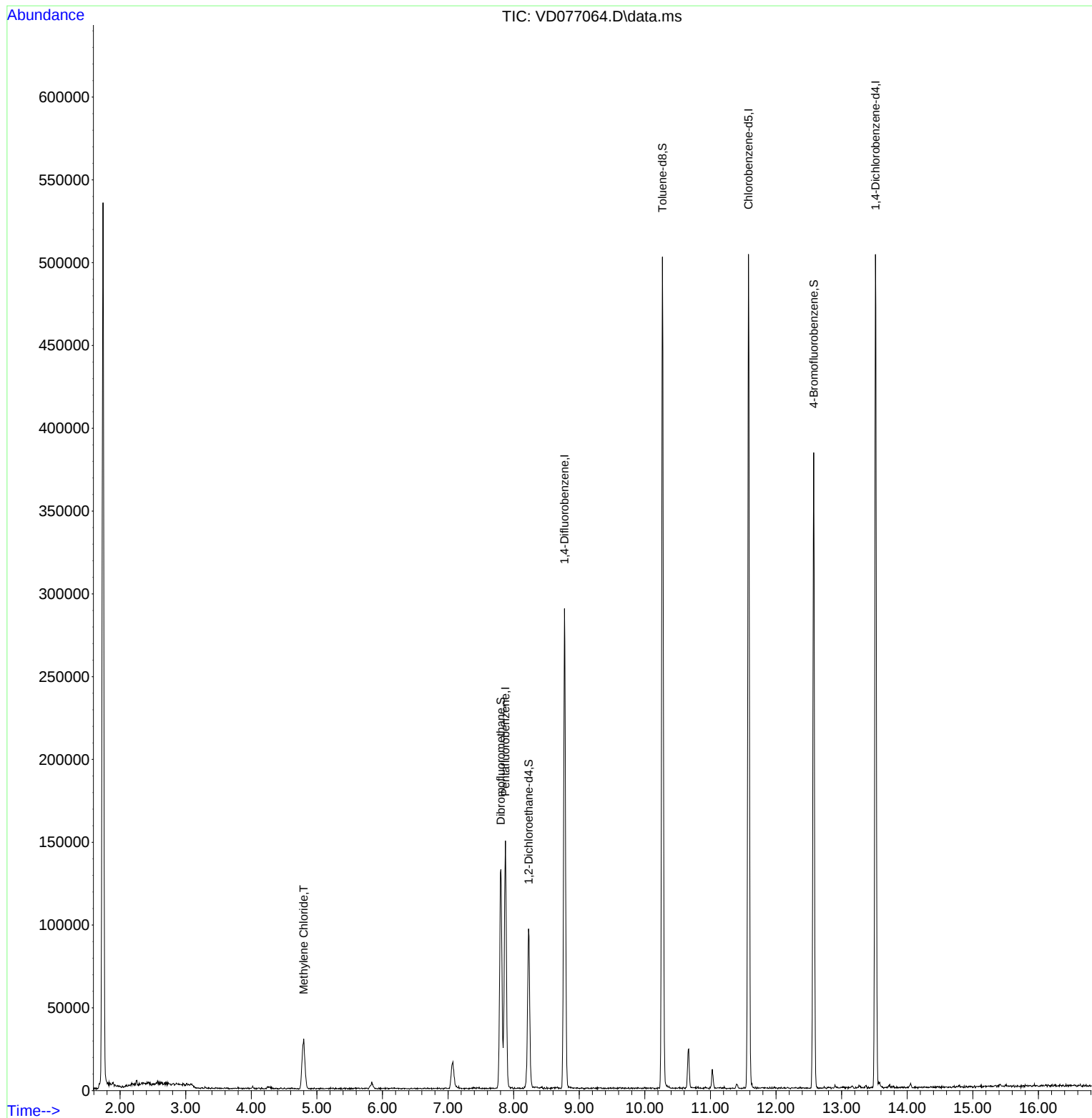
Internal Standards						
1) Pentafluorobenzene	7.875	168	116232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	265997	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	299925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	135460	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	74081	64.735	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.460%	
35) Dibromofluoromethane	7.804	113	97312	54.761	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.520%	
50) Toluene-d8	10.269	98	356872	55.511	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.020%	
62) 4-Bromofluorobenzene	12.575	95	109006	57.510	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 115.020%	
Target Compounds						
20) Methylene Chloride	4.799	84	24502	12.014	ug/l	Qvalue 94

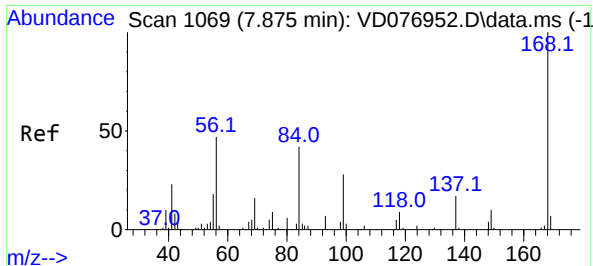
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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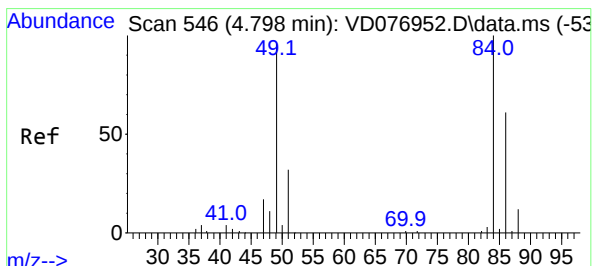
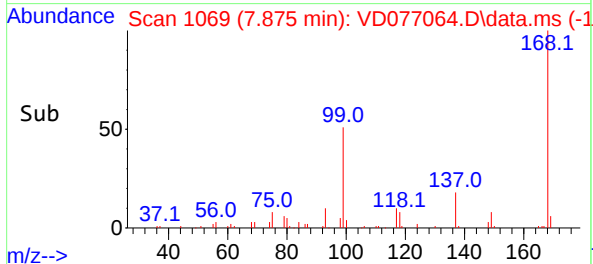
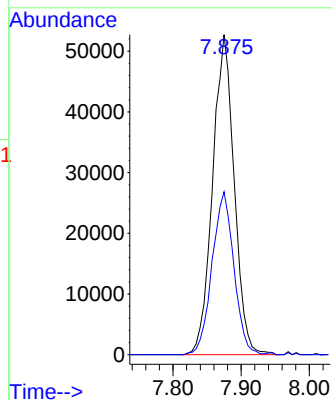
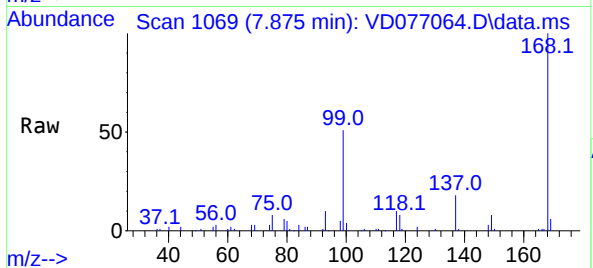




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077064.D
Acq: 29 Aug 2023 16:16

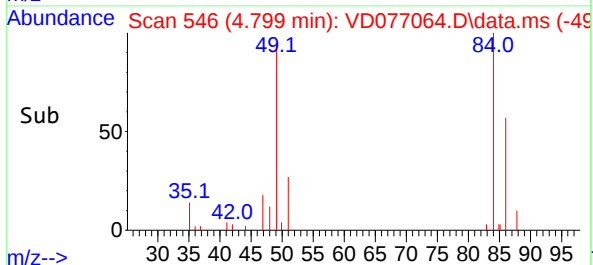
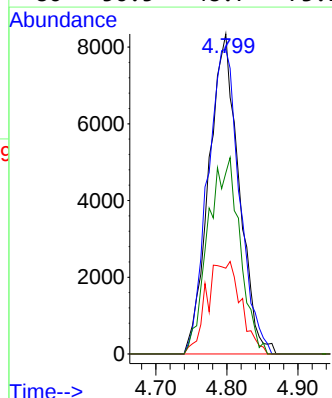
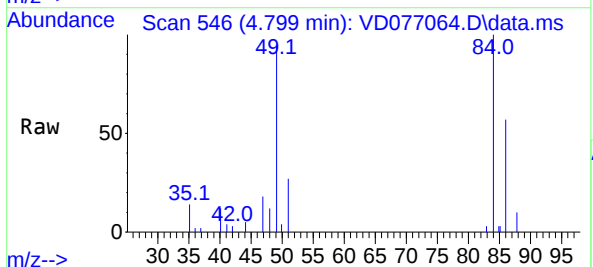
Instrument :
MSVOA_D
ClientSampleId :
OR-309-OK-370-VOC-21

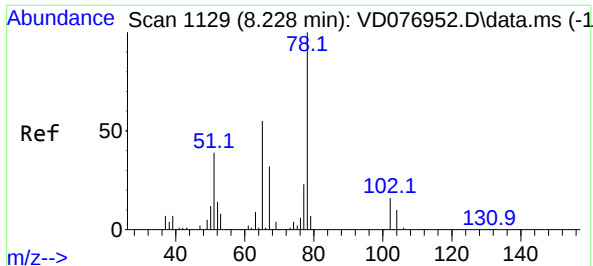
Tgt Ion:168 Resp: 116232
Ion Ratio Lower Upper
168 100
99 50.9 36.7 55.1



#20
Methylene Chloride
Concen: 12.014 ug/l
RT: 4.799 min Scan# 546
Delta R.T. 0.001 min
Lab File: VD077064.D
Acq: 29 Aug 2023 16:16

Tgt Ion: 84 Resp: 24502
Ion Ratio Lower Upper
84 100
49 95.3 71.4 107.2
51 26.8 24.5 36.7
86 56.5 48.7 73.1





#33

1,2-Dichloroethane-d4

Concen: 64.735 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD077064.D

Acq: 29 Aug 2023 16:16

Instrument :

MSVOA_D

ClientSampleId :

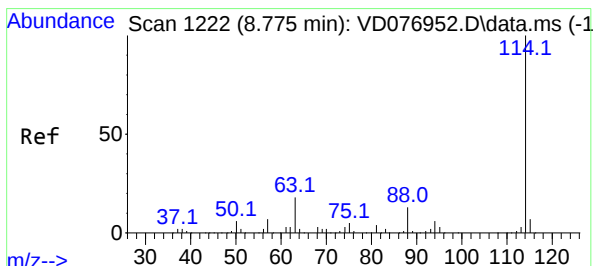
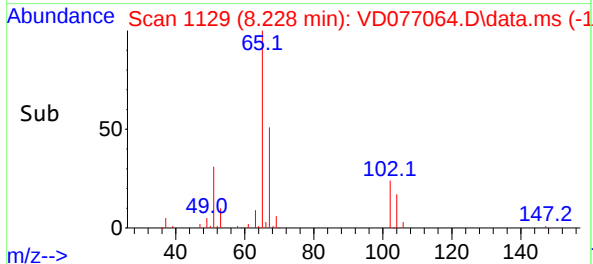
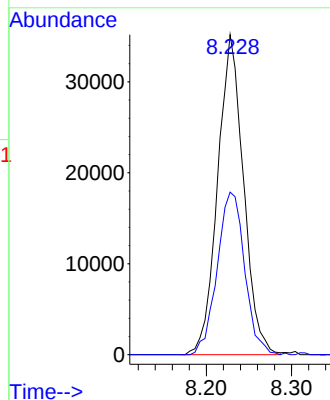
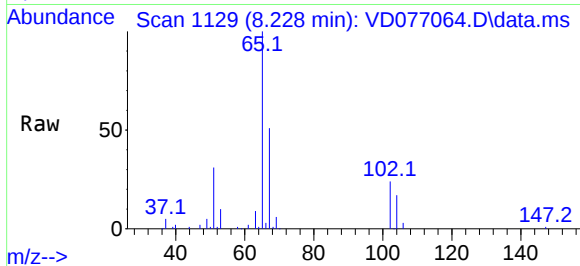
OR-309-OK-370-VOC-21

Tgt Ion: 65 Resp: 74081

Ion Ratio Lower Upper

65 100

67 54.1 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: VD077064.D

Acq: 29 Aug 2023 16:16

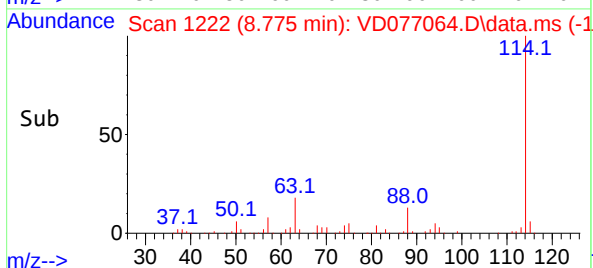
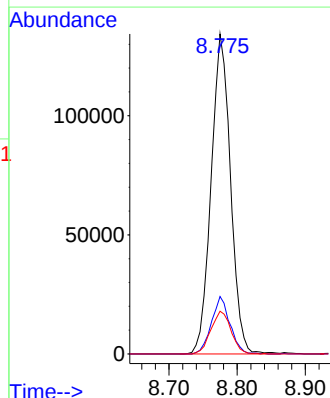
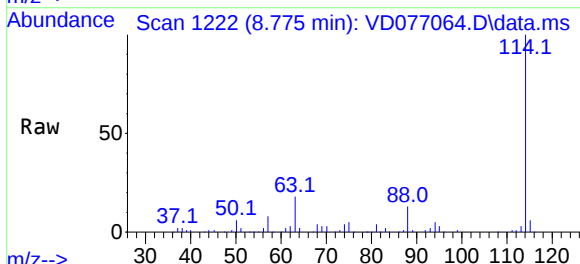
Tgt Ion: 114 Resp: 265997

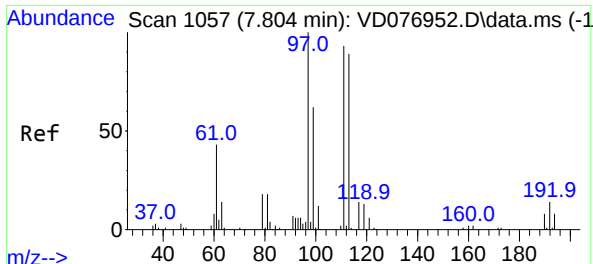
Ion Ratio Lower Upper

114 100

63 18.0 0.0 33.4

88 13.4 0.0 26.2

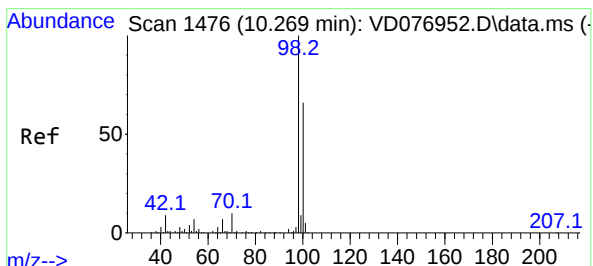
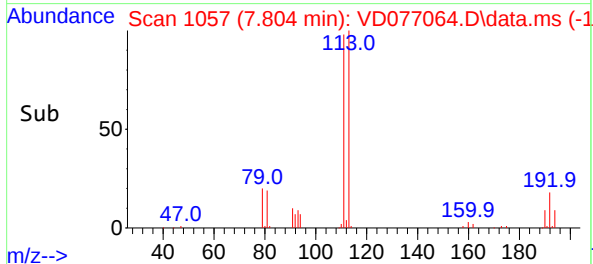
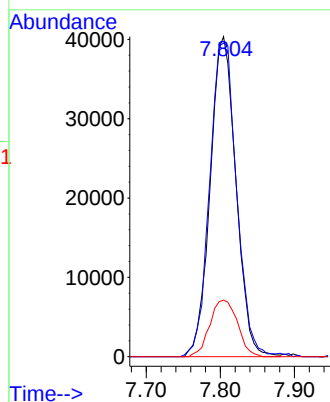
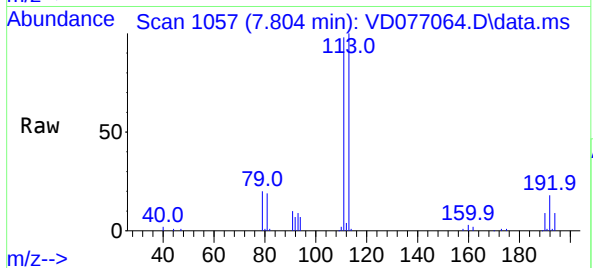




#35
Dibromofluoromethane
Concen: 54.761 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077064.D
Acq: 29 Aug 2023 16:16

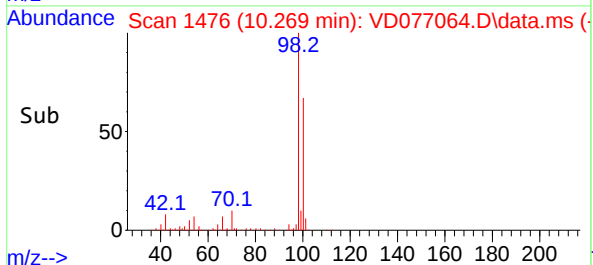
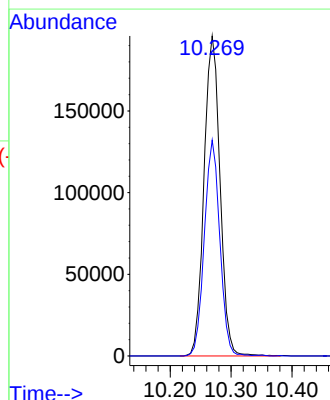
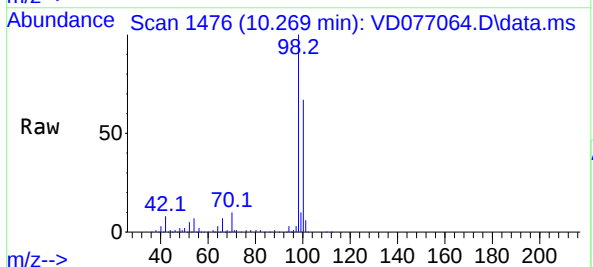
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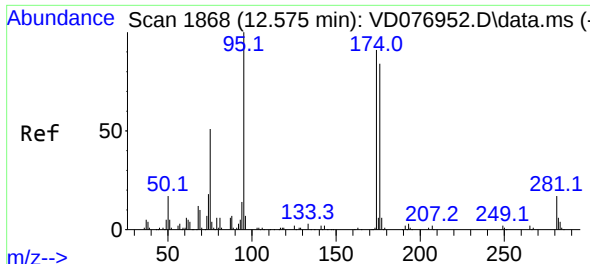
Tgt Ion:113 Resp: 97312
Ion Ratio Lower Upper
113 100
111 102.7 84.7 127.1
192 19.0 16.8 25.2



#50
Toluene-d8
Concen: 55.511 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077064.D
Acq: 29 Aug 2023 16:16

Tgt Ion: 98 Resp: 356872
Ion Ratio Lower Upper
98 100
100 65.2 50.3 75.5

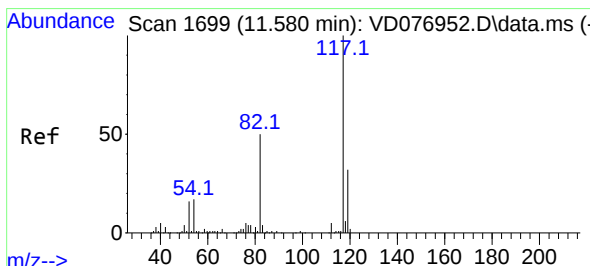
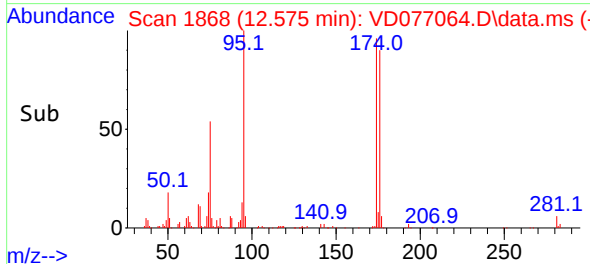
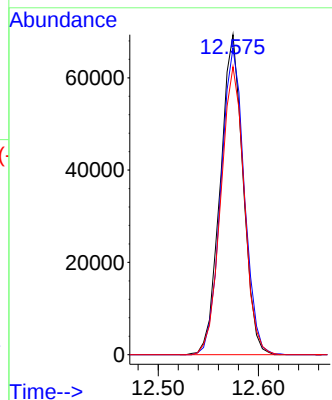
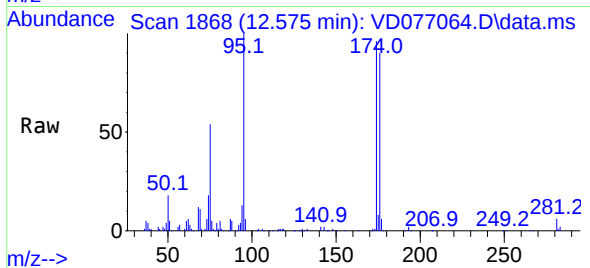




#62
4-Bromofluorobenzene
Concen: 57.510 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077064.D
Acq: 29 Aug 2023 16:16

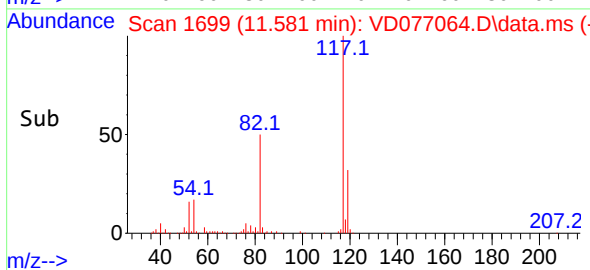
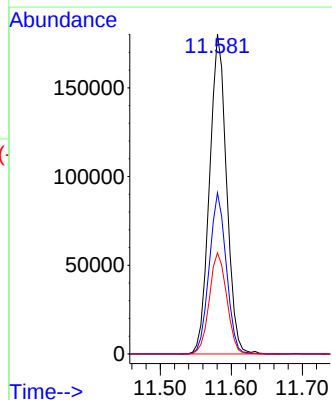
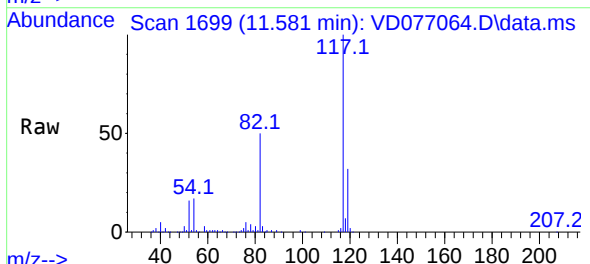
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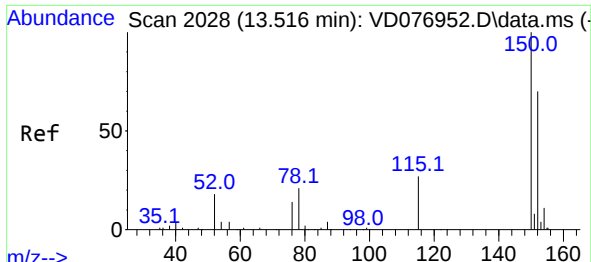
Tgt Ion: 95 Resp: 109006
Ion Ratio Lower Upper
95 100
174 98.4 0.0 201.8
176 92.4 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.001 min
Lab File: VD077064.D
Acq: 29 Aug 2023 16:16

Tgt Ion: 117 Resp: 299925
Ion Ratio Lower Upper
117 100
82 50.3 38.3 57.5
119 31.6 25.0 37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. -0.000 min

Lab File: VD077064.D

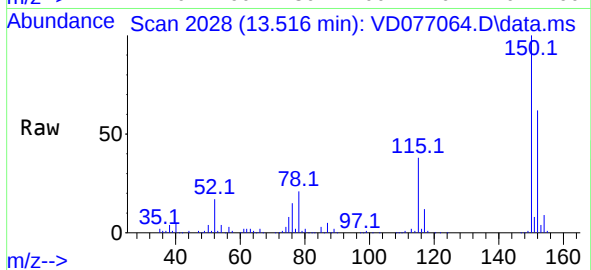
Acq: 29 Aug 2023 16:16

Instrument :

MSVOA_D

ClientSampleId :

OR-309-OK-370-VOC-21



Tgt Ion:152 Resp: 135460

Ion Ratio Lower Upper

152 100

115 58.0 27.1 81.3

150 160.9 0.0 353.6

