

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110123\
 Data File : VD077478.D
 Acq On : 01 Nov 2023 14:05
 Operator : JC/SY
 Sample : 05196-02
 Misc : 4.99G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PE-7-SOUTHSIDE-BASE

Quant Time: Nov 02 00:55:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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

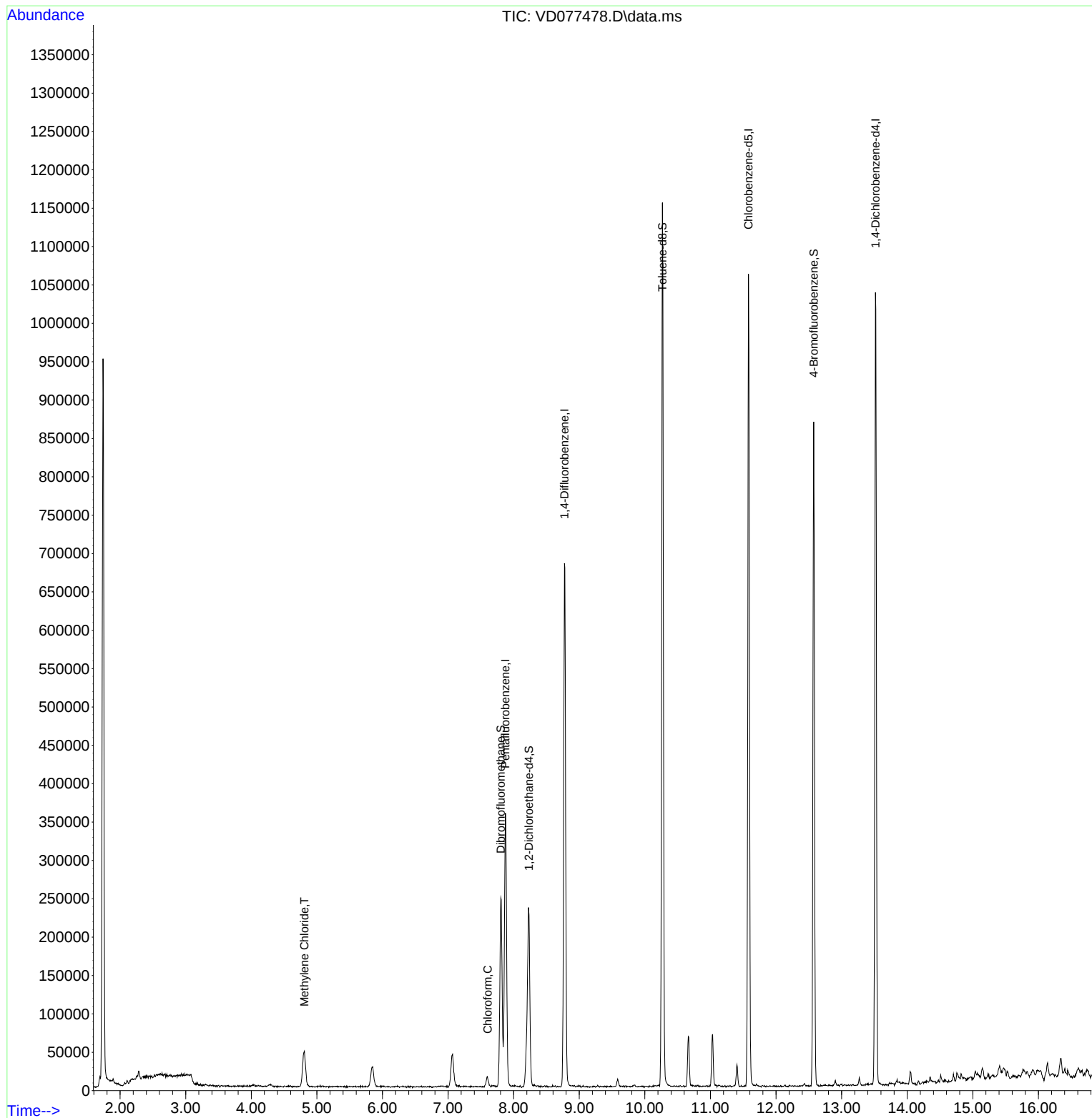
Internal Standards						
1) Pentafluorobenzene	7.875	168	262350	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	564356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	551115	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	260621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	177985	47.978	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.960%
35) Dibromofluoromethane	7.804	113	177809	45.585	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.160%
50) Toluene-d8	10.269	98	750221	49.516	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.040%
62) 4-Bromofluorobenzene	12.575	95	256579	50.281	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.560%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.811	84	31519	6.434	ug/l	# 59
30) Chloroform	7.604	83	11851	1.820	ug/l	86

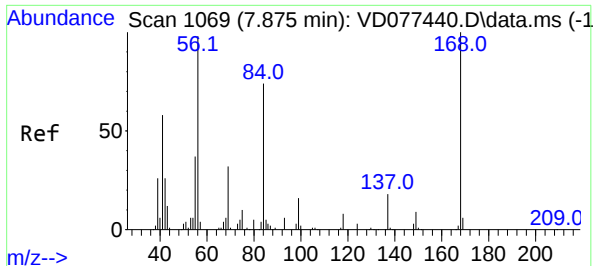
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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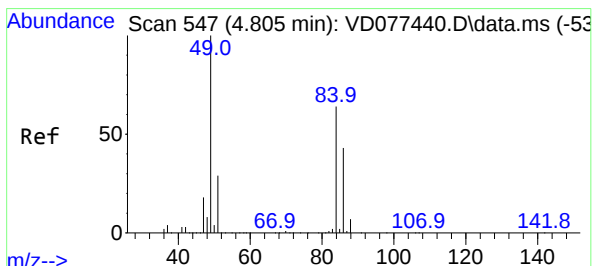
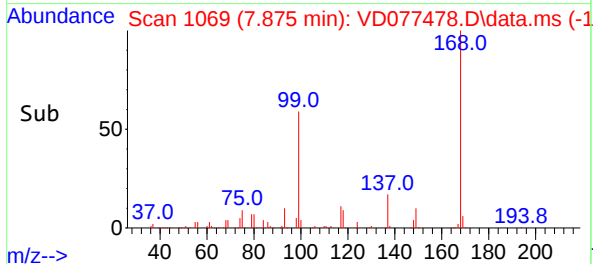
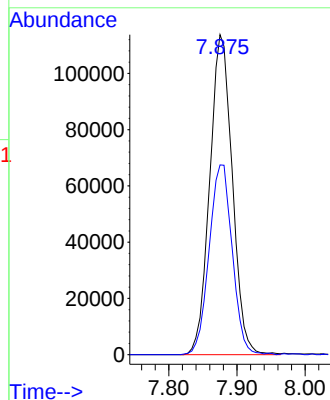
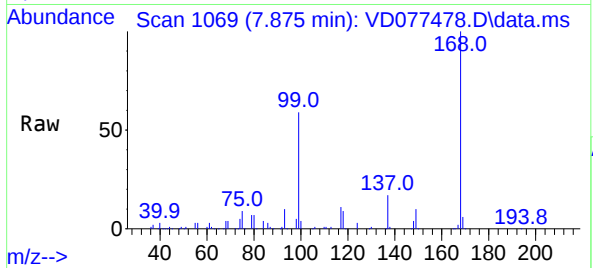




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077478.D
Acq: 01 Nov 2023 14:05

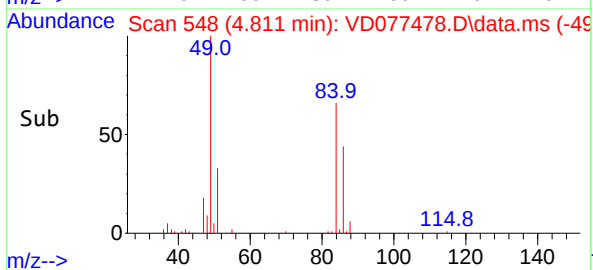
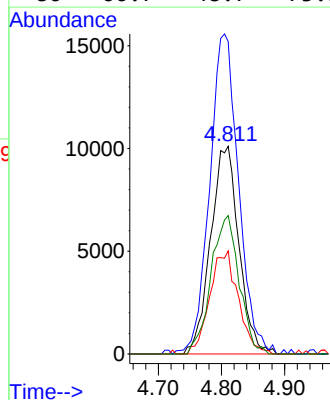
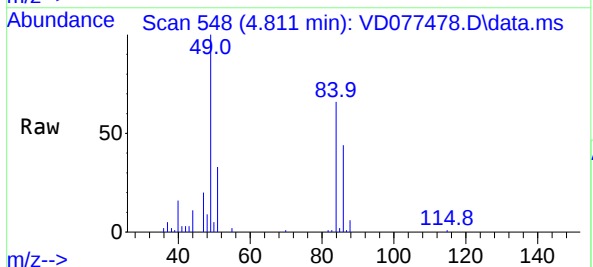
Instrument :
MSVOA_D
ClientSampleId :
PE-7-SOUTHSIDE-BASE

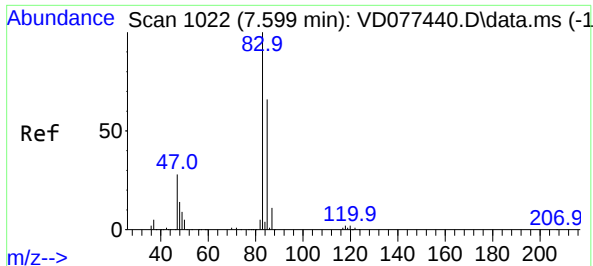
Tgt Ion:168 Resp: 262350
Ion Ratio Lower Upper
168 100
99 59.3 36.7 55.1#



#20
Methylene Chloride
Concen: 6.434 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD077478.D
Acq: 01 Nov 2023 14:05

Tgt Ion: 84 Resp: 31519
Ion Ratio Lower Upper
84 100
49 150.5 71.4 107.2#
51 49.6 24.5 36.7#
86 66.7 48.7 73.1

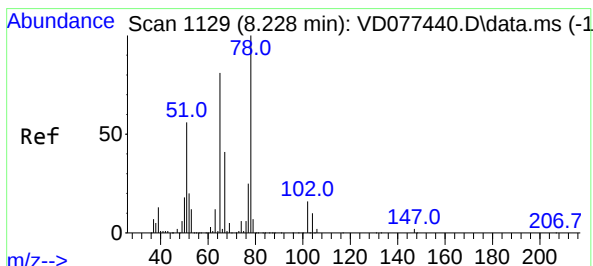
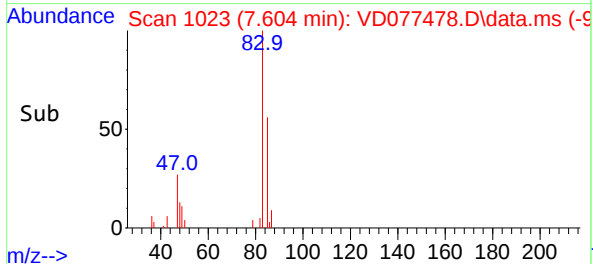
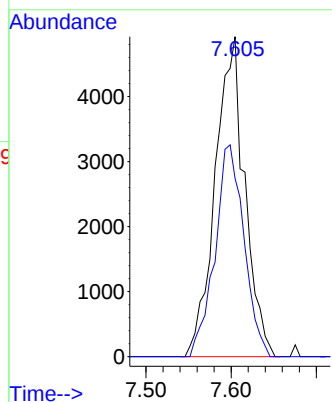
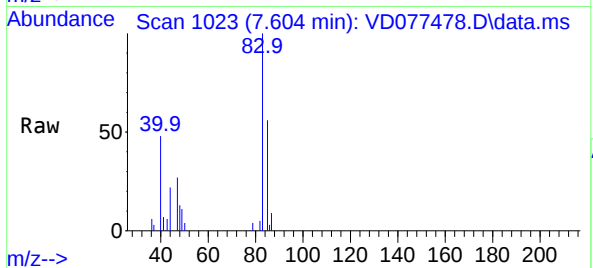




#30
Chloroform
Concen: 1.820 ug/l
RT: 7.604 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD077478.D
Acq: 01 Nov 2023 14:05

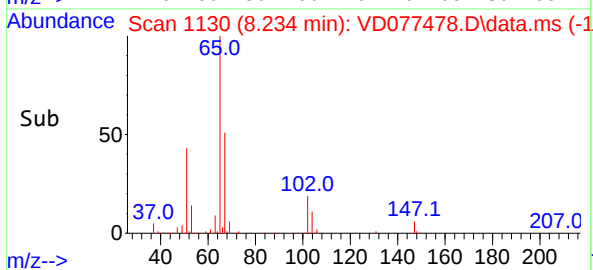
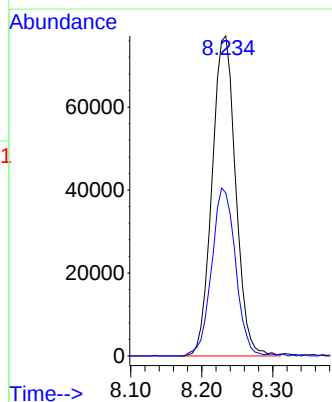
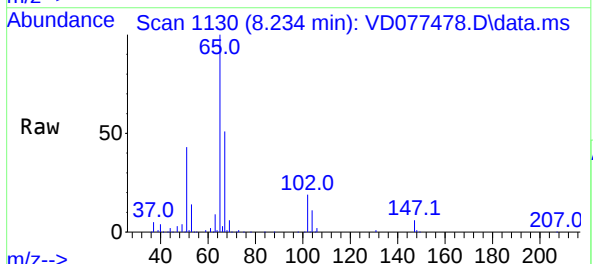
Instrument :
MSVOA_D
ClientSampleId :
PE-7-SOUTHSIDE-BASE

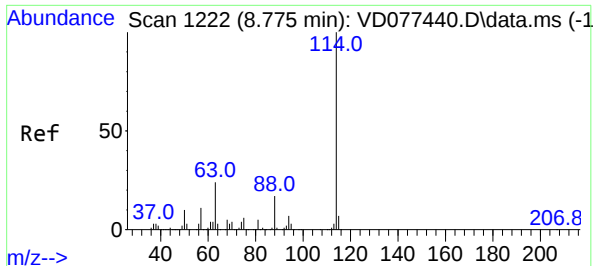
Tgt Ion: 83 Resp: 11851
Ion Ratio Lower Upper
83 100
85 55.7 53.4 80.2



#33
1,2-Dichloroethane-d4
Concen: 47.978 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077478.D
Acq: 01 Nov 2023 14:05

Tgt Ion: 65 Resp: 177985
Ion Ratio Lower Upper
65 100
67 53.0 0.0 115.0

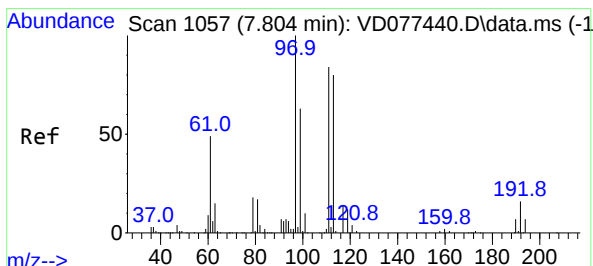
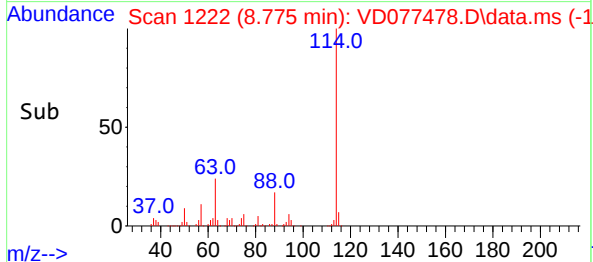
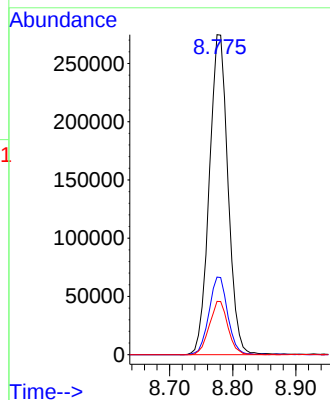
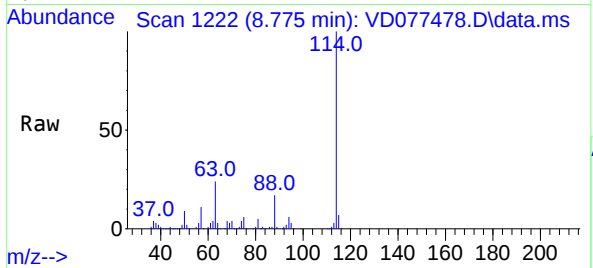




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077478.D
Acq: 01 Nov 2023 14:05

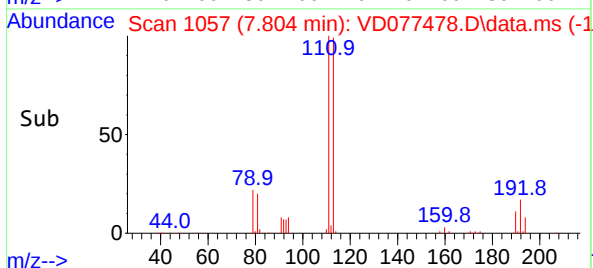
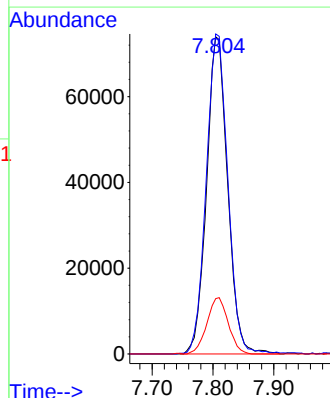
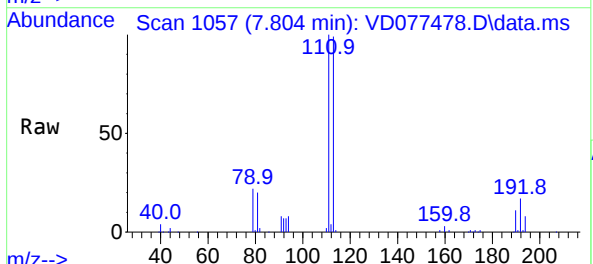
Instrument :
MSVOA_D
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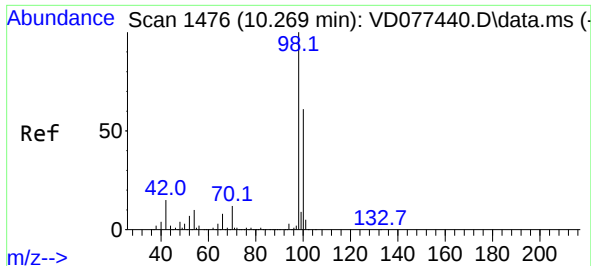
Tgt Ion:114 Resp: 564356
Ion Ratio Lower Upper
114 100
63 24.3 0.0 33.4
88 16.6 0.0 26.2



#35
Dibromofluoromethane
Concen: 45.585 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077478.D
Acq: 01 Nov 2023 14:05

Tgt Ion:113 Resp: 177809
Ion Ratio Lower Upper
113 100
111 103.0 84.7 127.1
192 18.0 16.8 25.2

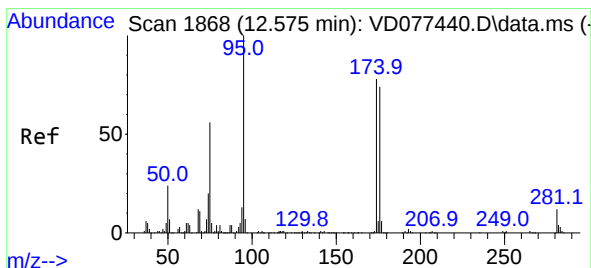
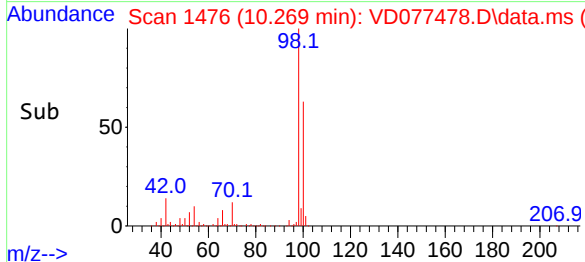
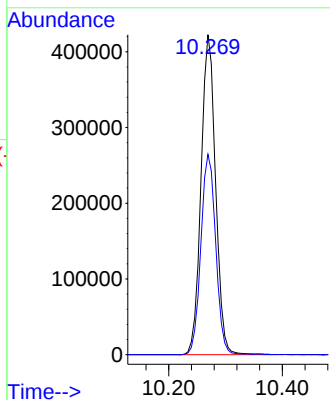
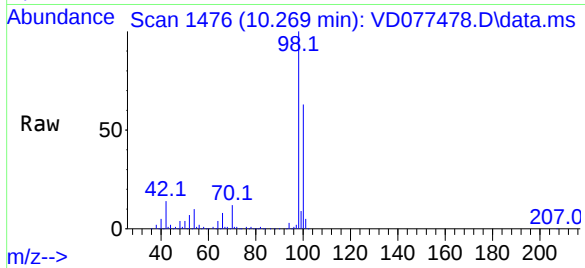




#50
Toluene-d8
Concen: 49.516 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077478.D
Acq: 01 Nov 2023 14:05

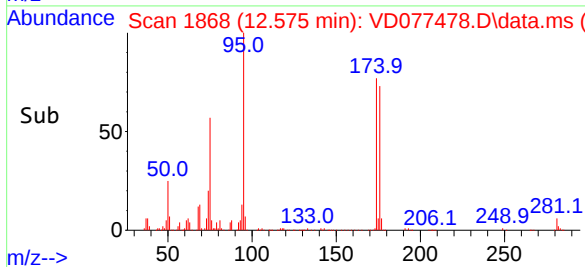
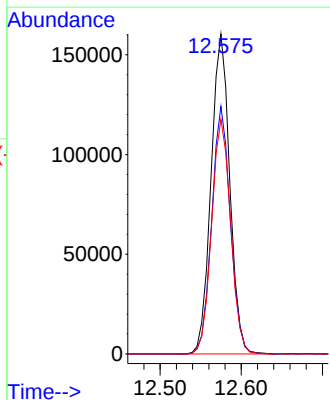
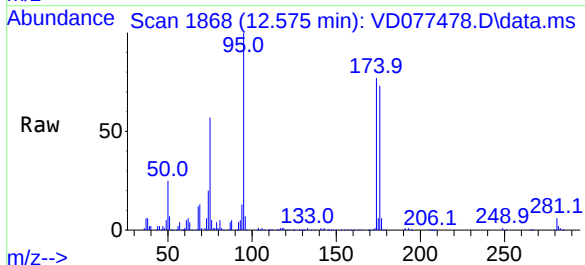
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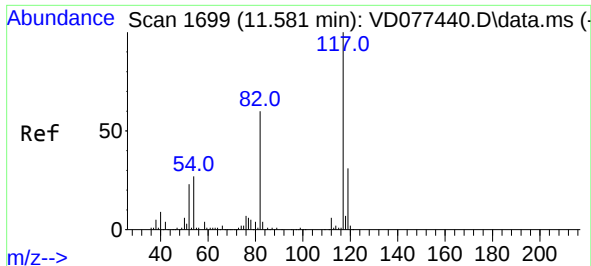
Tgt Ion: 98 Resp: 750221
Ion Ratio Lower Upper
98 100
100 63.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 50.281 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077478.D
Acq: 01 Nov 2023 14:05

Tgt Ion: 95 Resp: 256579
Ion Ratio Lower Upper
95 100
174 77.2 0.0 201.8
176 74.4 0.0 191.8

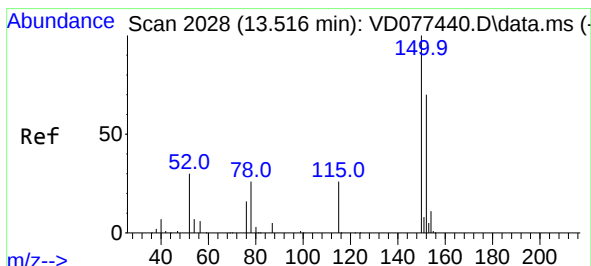
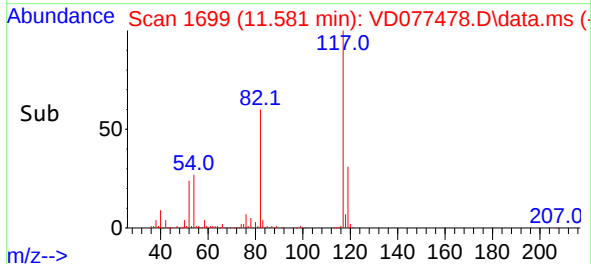
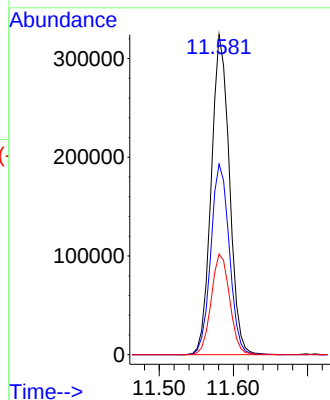
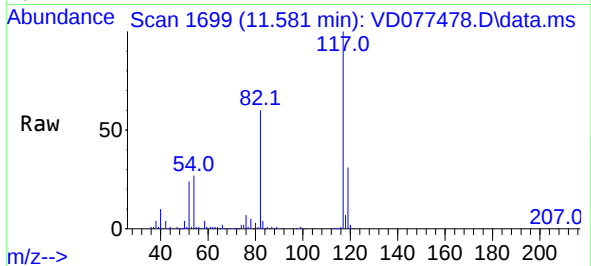




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077478.D
Acq: 01 Nov 2023 14:05

Instrument :
MSVOA_D
ClientSampleId :
PE-7-SOUTHSIDE-BASE

Tgt Ion:117 Resp: 551115
Ion Ratio Lower Upper
117 100
82 59.5 38.3 57.5#
119 31.5 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD077478.D
Acq: 01 Nov 2023 14:05

Tgt Ion:152 Resp: 260621
Ion Ratio Lower Upper
152 100
115 59.6 27.1 81.3
150 155.7 0.0 353.6

