

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080224\
 Data File : VD079562.D
 Acq On : 03 Aug 2024 02:13
 Operator : RP/MD
 Sample : P3394-02RE
 Misc : 7.72G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-105-SB02RE

Quant Time: Aug 03 02:32:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

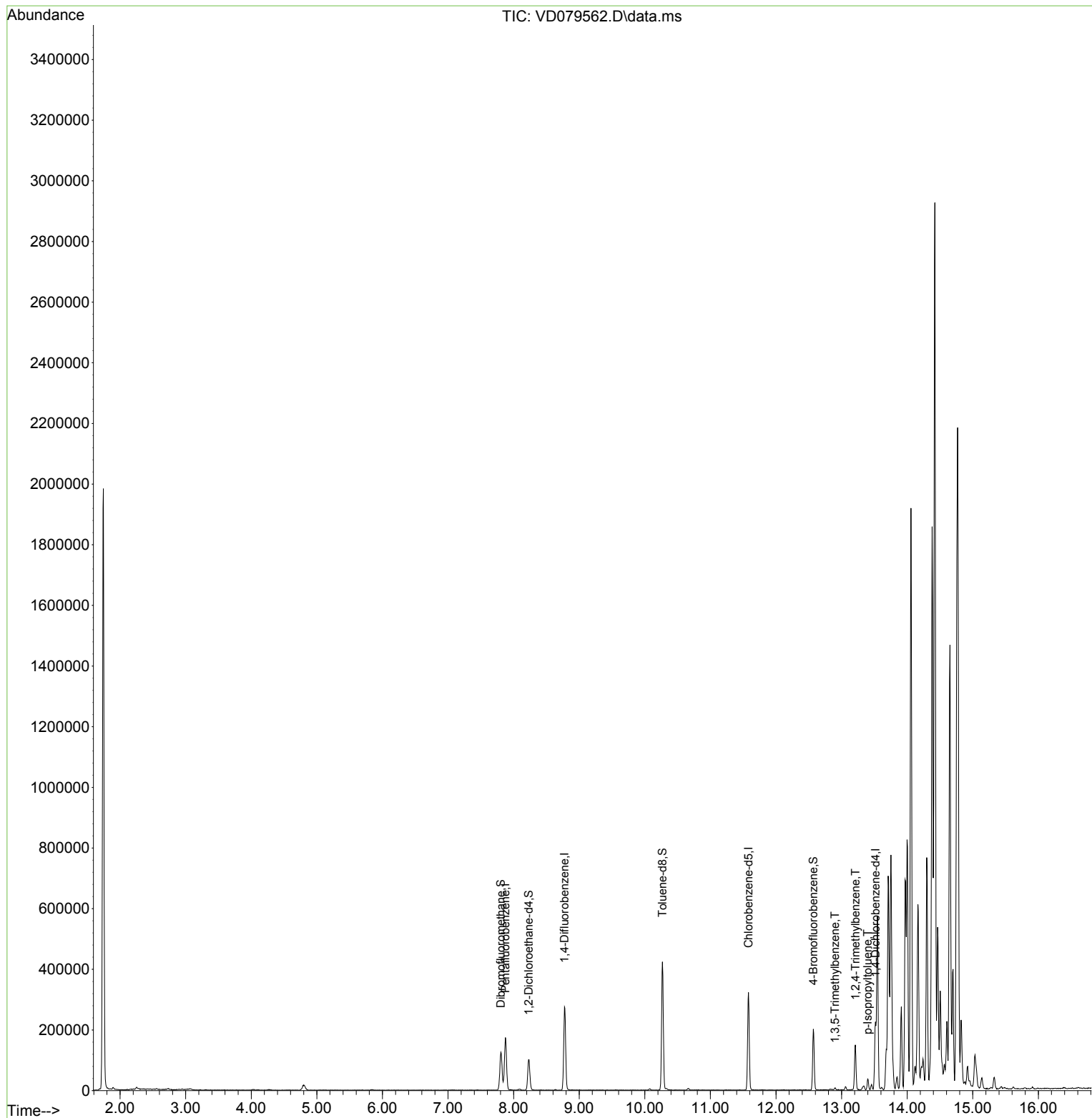
Internal Standards						
1) Pentafluorobenzene	7.875	168	134120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	254798	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	195878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	59082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	79929	58.662	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.320%
35) Dibromofluoromethane	7.805	113	93801	54.390	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.780%
50) Toluene-d8	10.269	98	310202	46.318	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.640%
62) 4-Bromofluorobenzene	12.569	95	57893	29.872	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	59.740%
Target Compounds						
					Qvalue	
80) 1,3,5-Trimethylbenzene	12.898	105	3716	1.129	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	81137	23.838	ug/l	98
86) p-Isopropyltoluene	13.398	119	19673	8.266	ug/l	94

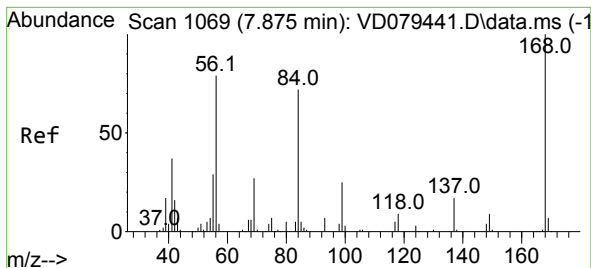
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
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: VD079562.D

Acq: 03 Aug 2024 02:13

Instrument :

MSVOA_D

ClientSampleId :

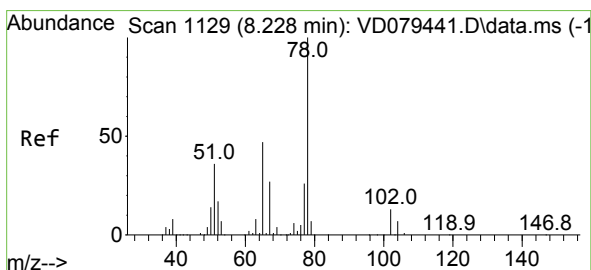
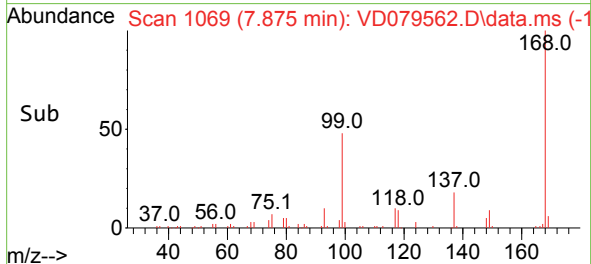
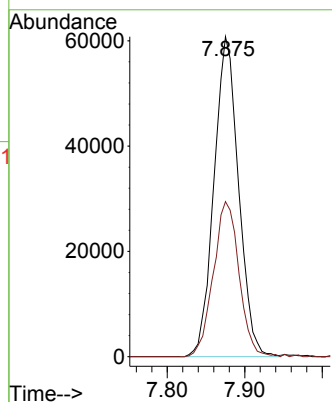
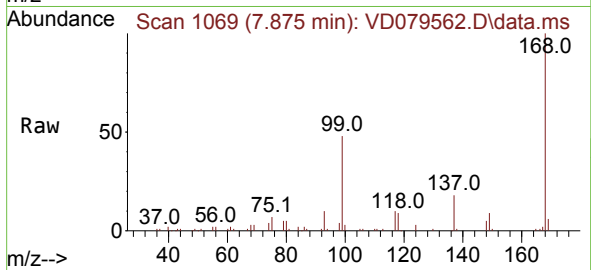
B-105-SB02RE

Tgt Ion:168 Resp: 134120

Ion Ratio Lower Upper

168 100

99 48.5 41.1 61.7



#33

1,2-Dichloroethane-d4

Concen: 58.662 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079562.D

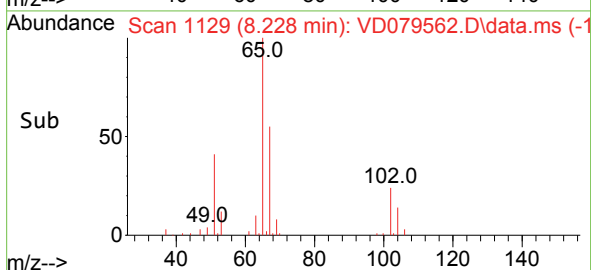
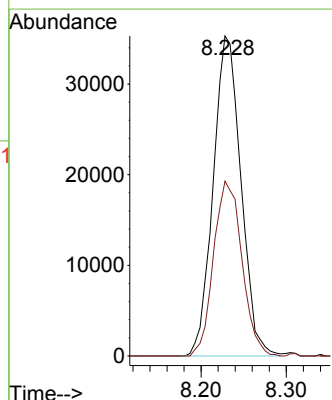
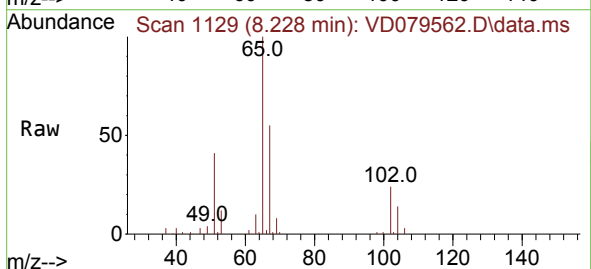
Acq: 03 Aug 2024 02:13

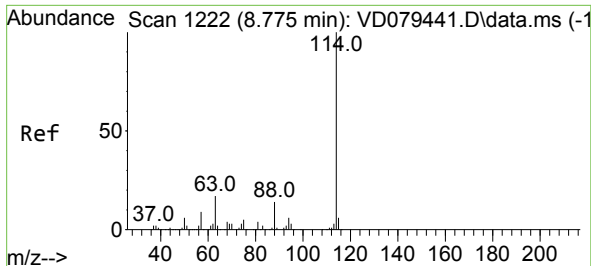
Tgt Ion: 65 Resp: 79929

Ion Ratio Lower Upper

65 100

67 55.7 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD079562.D

Acq: 03 Aug 2024 02:13

Instrument :

MSVOA_D

ClientSampleId :

B-105-SB02RE

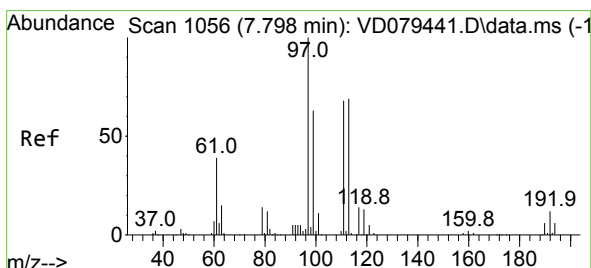
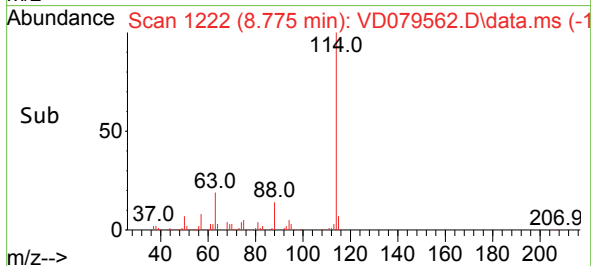
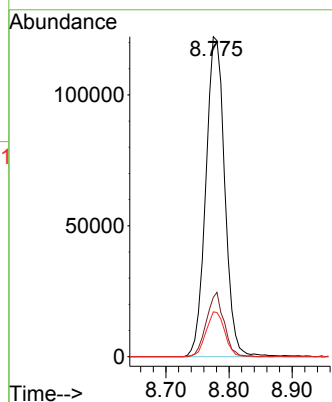
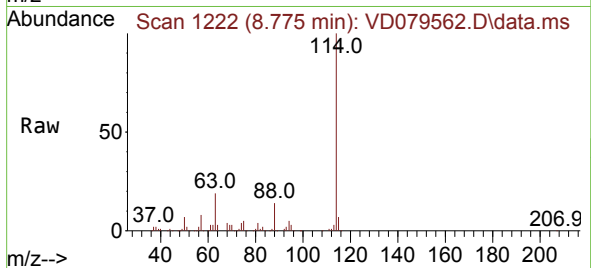
Tgt Ion:114 Resp: 254798

Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.0

88 14.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.390 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079562.D

Acq: 03 Aug 2024 02:13

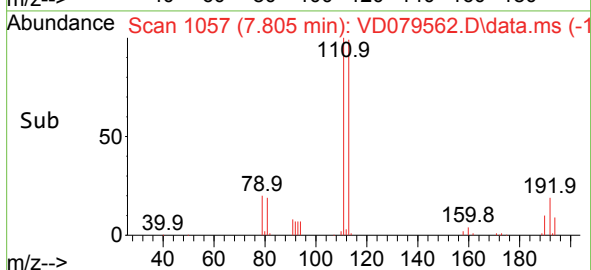
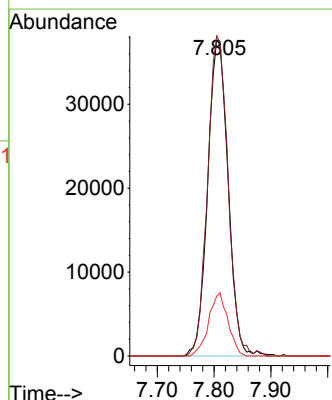
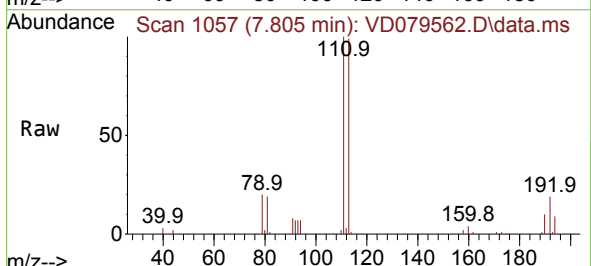
Tgt Ion:113 Resp: 93801

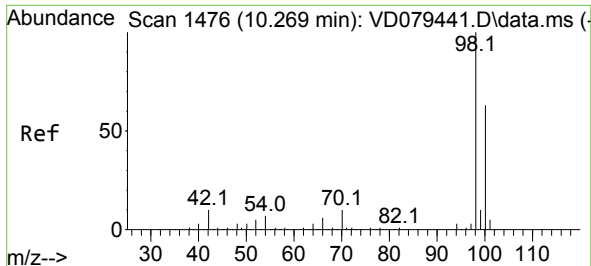
Ion Ratio Lower Upper

113 100

111 101.3 84.0 126.0

192 18.9 15.4 23.0

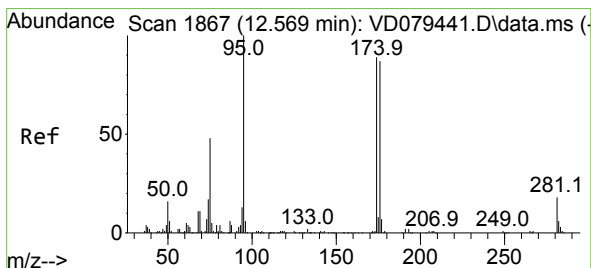
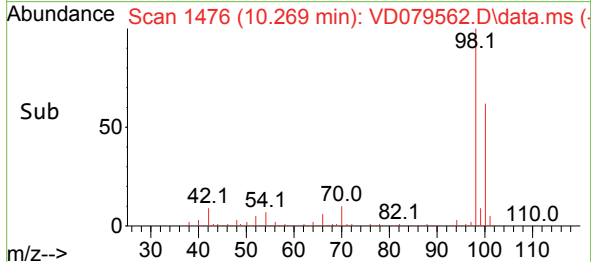
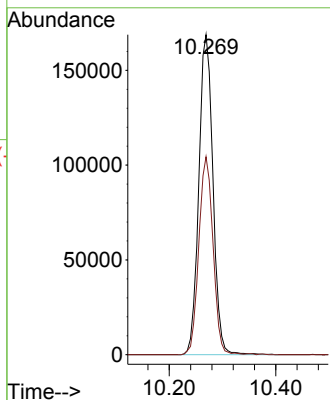
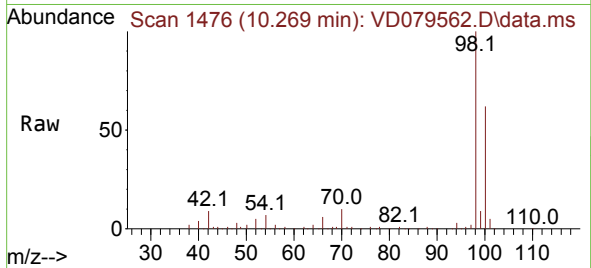




#50
Toluene-d8
Concen: 46.318 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079562.D
Acq: 03 Aug 2024 02:13

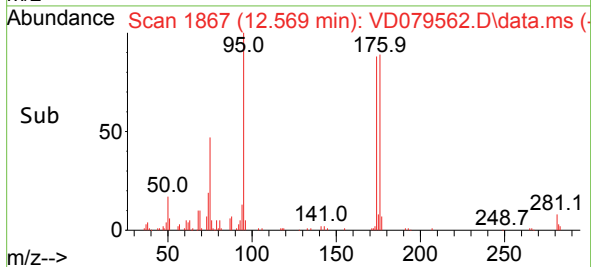
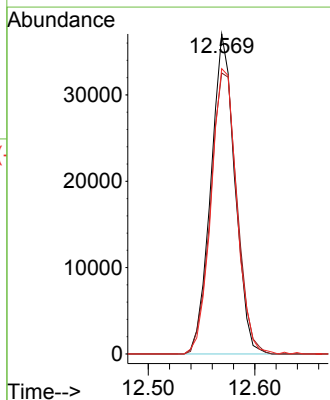
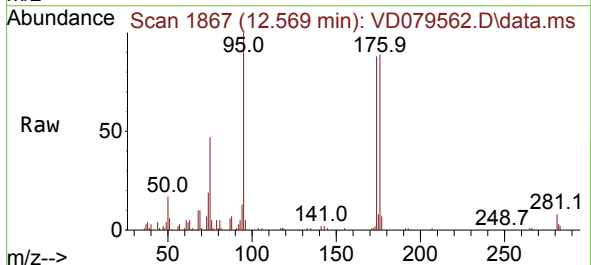
Instrument :
MSVOA_D
ClientSampleId :
B-105-SB02RE

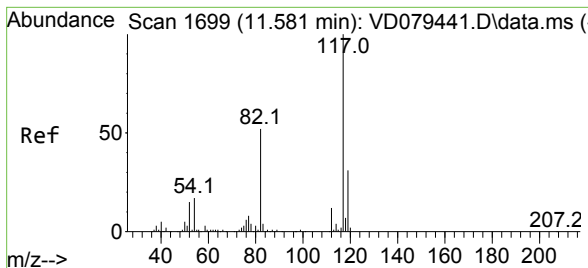
Tgt Ion: 98 Resp: 310202
Ion Ratio Lower Upper
98 100
100 62.3 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 29.872 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079562.D
Acq: 03 Aug 2024 02:13

Tgt Ion: 95 Resp: 57893
Ion Ratio Lower Upper
95 100
174 96.6 0.0 195.4
176 94.8 0.0 192.6

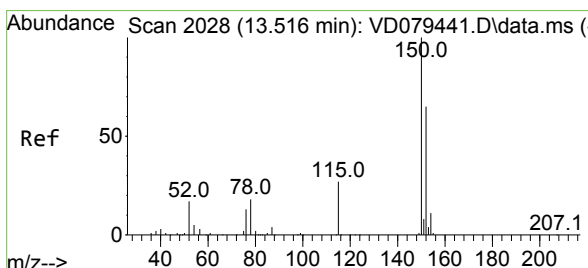
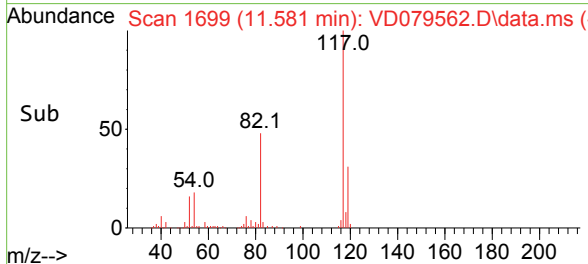
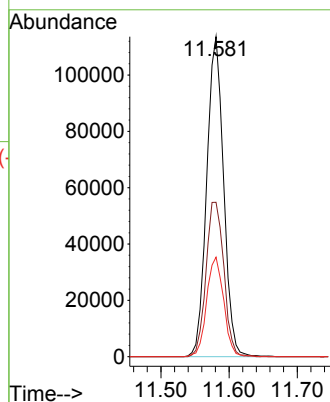
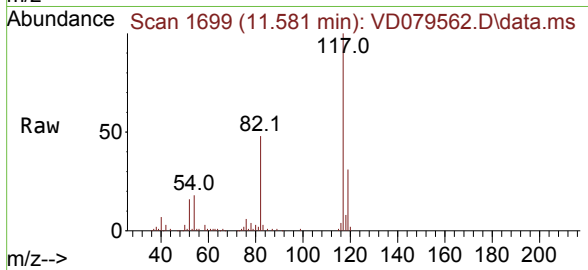




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079562.D
Acq: 03 Aug 2024 02:13

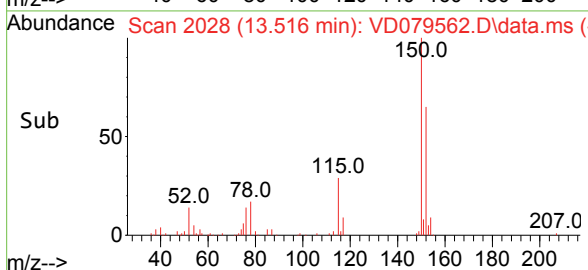
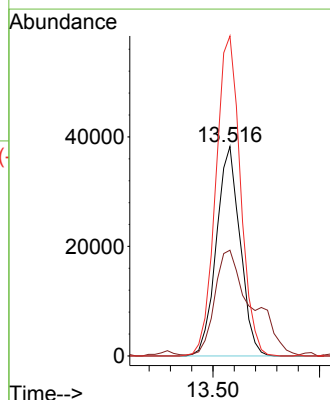
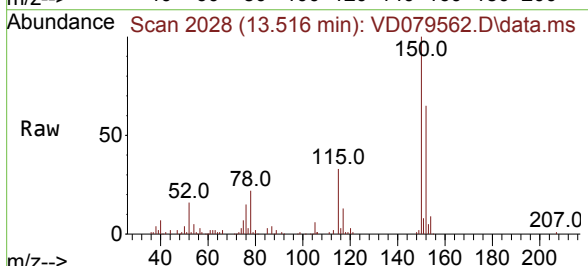
Instrument :
MSVOA_D
ClientSampleId :
B-105-SB02RE

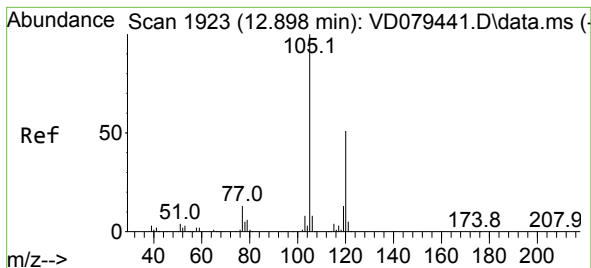
Tgt Ion:117 Resp: 195878
Ion Ratio Lower Upper
117 100
82 48.3 39.8 59.6
119 31.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079562.D
Acq: 03 Aug 2024 02:13

Tgt Ion:152 Resp: 59082
Ion Ratio Lower Upper
152 100
115 77.2 26.5 79.5
150 158.9 0.0 341.6





#80

1,3,5-Trimethylbenzene

Concen: 1.129 ug/l

RT: 12.898 min Scan# 1923

Delta R.T. -0.006 min

Lab File: VD079562.D

Acq: 03 Aug 2024 02:13

Instrument :

MSVOA_D

ClientSampleId :

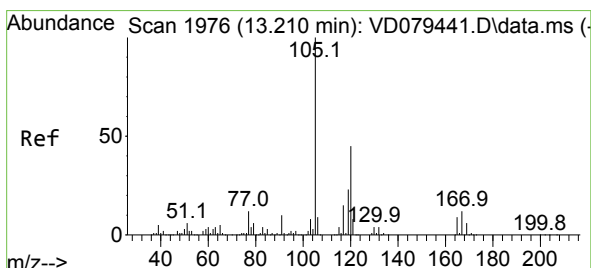
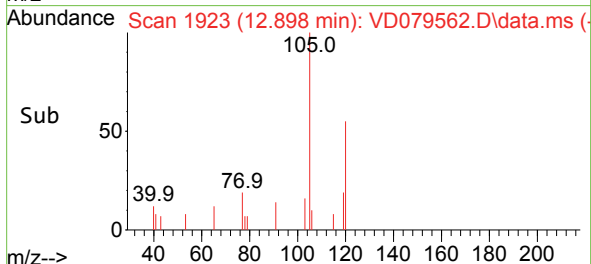
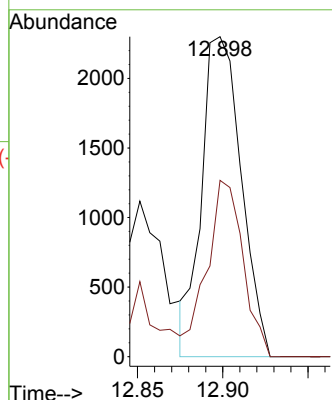
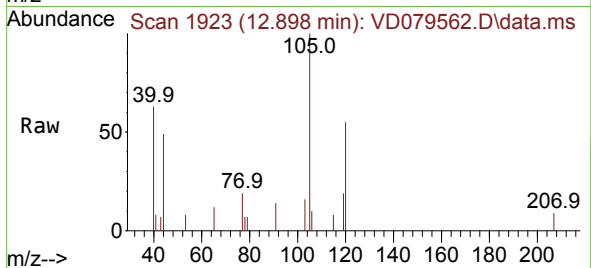
B-105-SB02RE

Tgt Ion:105 Resp: 3716

Ion Ratio Lower Upper

105 100

120 50.1 25.7 77.1



#84

1,2,4-Trimethylbenzene

Concen: 23.838 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VD079562.D

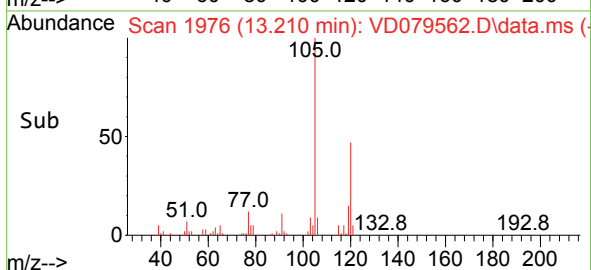
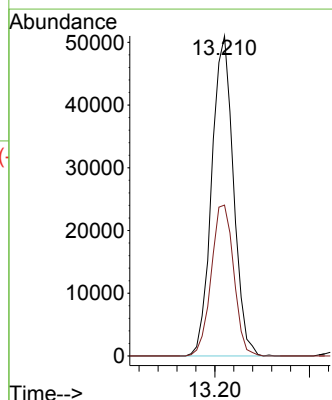
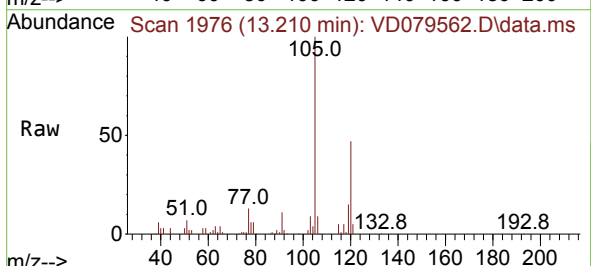
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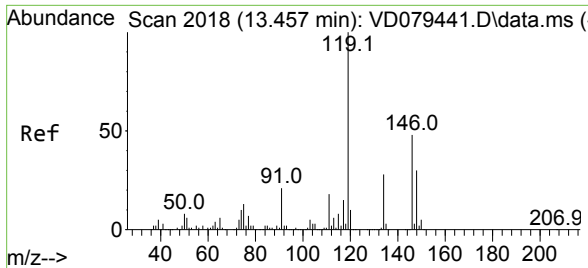
Tgt Ion:105 Resp: 81137

Ion Ratio Lower Upper

105 100

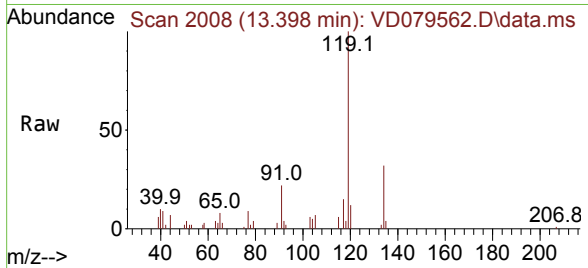
120 48.9 23.6 71.0





#86
 p-Isopropyltoluene
 Concen: 8.266 ug/l
 RT: 13.398 min Scan# 20
 Delta R.T. -0.059 min
 Lab File: VD079562.D
 Acq: 03 Aug 2024 02:13

Instrument :
 MSVOA_D
 ClientSampleId :
 B-105-SB02RE



Tgt Ion:	119	Resp:	19673
Ion Ratio	Lower	Upper	
119	100		
134	31.9	13.7	41.1
91	22.7	10.7	32.1

