

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011023\
 Data File : VD075108.D
 Acq On : 10 Jan 2023 16:39
 Operator : KP/SY
 Sample : 01080-05
 Misc : 5.31G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-3-(15-17)

Quant Time: Jan 11 01:51:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 10 03:36:33 2023
 Response via : Initial Calibration

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

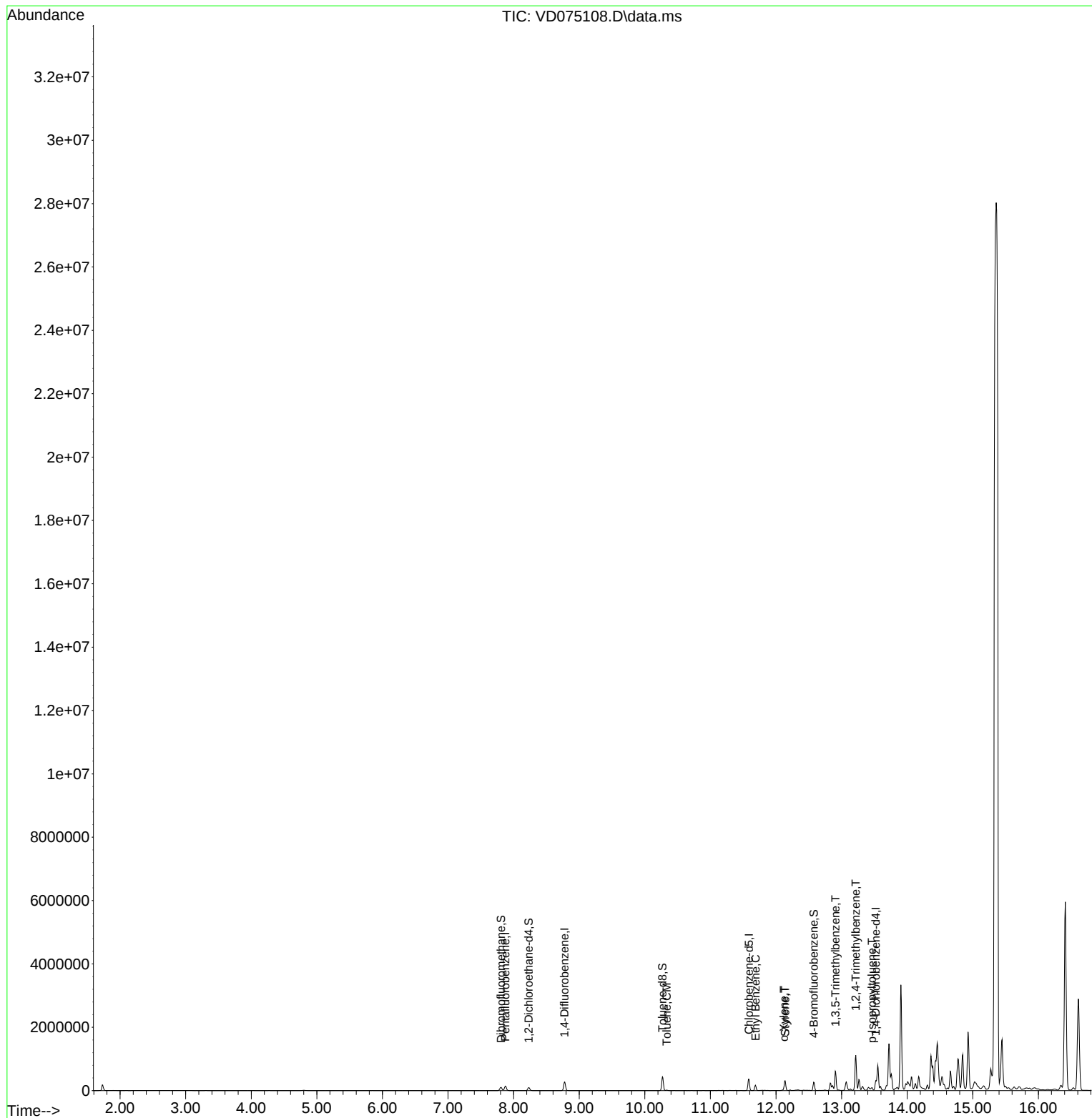
Internal Standards						
1) Pentafluorobenzene	7.875	168	103602	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	240164	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	211887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	76470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	74312	71.546	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	143.100%
35) Dibromofluoromethane	7.810	113	76522	50.653	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.300%
50) Toluene-d8	10.269	98	298431	49.822	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.640%
62) 4-Bromofluorobenzene	12.575	95	88763	46.167	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.340%
Target Compounds						
						Qvalue
52) Toluene	10.334	92	6002	1.660	ug/l	98
67) Ethyl Benzene	11.687	91	123683	17.416	ug/l	99
69) o-Xylene	12.122	106	8962	3.378	ug/l	100
70) Styrene	12.140	104	152322	34.354	ug/l	91
80) 1,3,5-Trimethylbenzene	12.904	105	319791	68.944	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	607606	135.543	ug/l	99
86) p-Isopropyltoluene	13.463	119	23909	4.772	ug/l	93

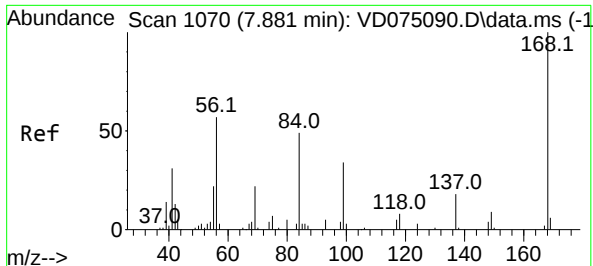
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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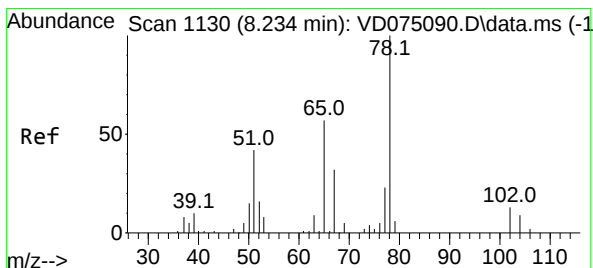
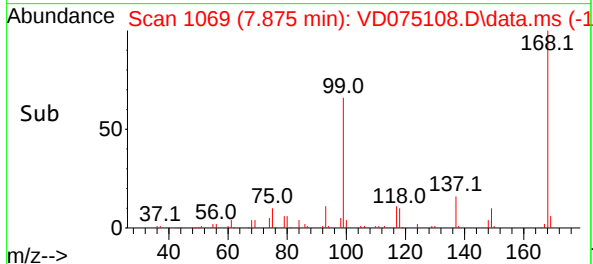
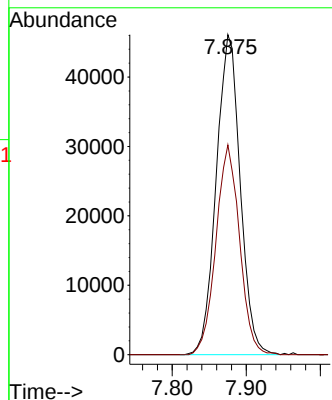
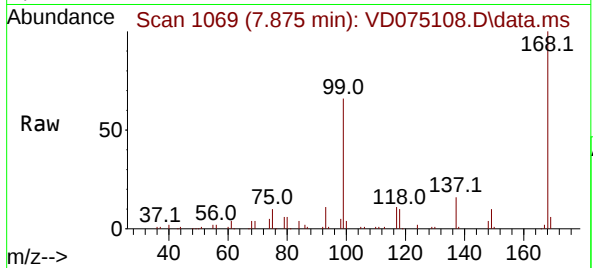




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD075108.D
Acq: 10 Jan 2023 16:39

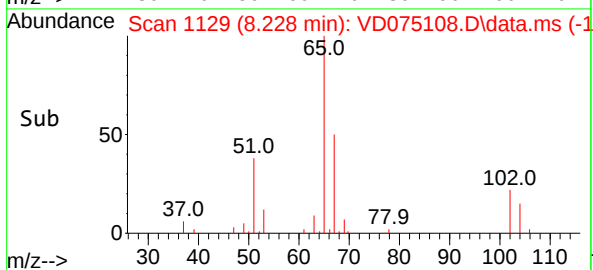
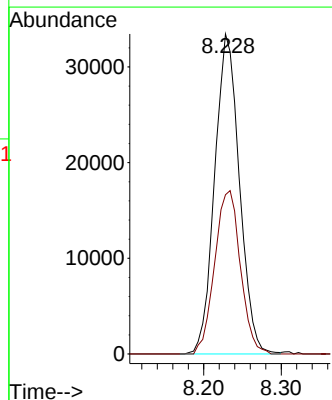
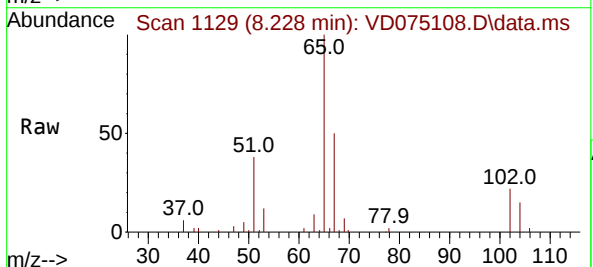
Instrument :
MSVOA_D
ClientSampleId :
B-3-(15-17)

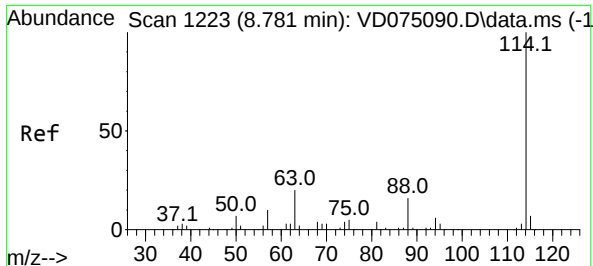
Tgt Ion:168 Resp: 103602
Ion Ratio Lower Upper
168 100
99 65.6 43.2 64.8#



#33
1,2-Dichloroethane-d4
Concen: 71.546 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075108.D
Acq: 10 Jan 2023 16:39

Tgt Ion: 65 Resp: 74312
Ion Ratio Lower Upper
65 100
67 53.0 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD075108.D

Acq: 10 Jan 2023 16:39

Instrument :

MSVOA_D

ClientSampleId :

B-3-(15-17)

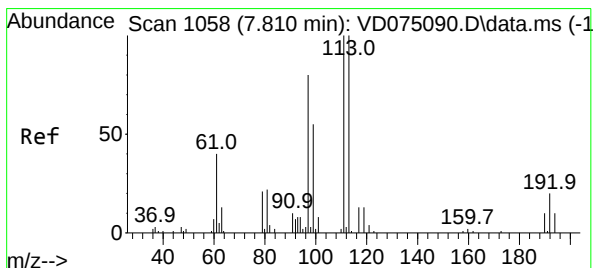
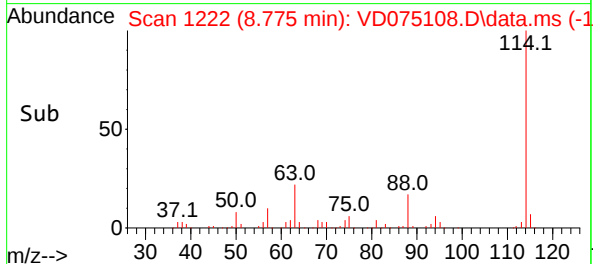
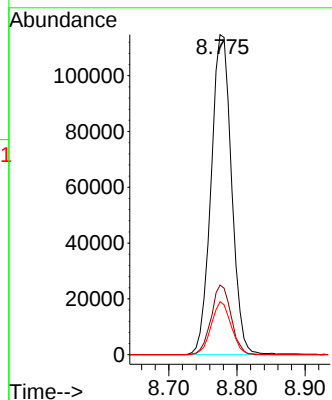
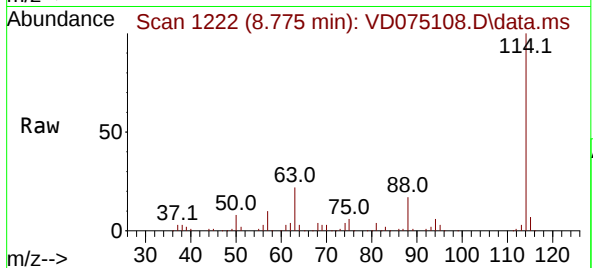
Tgt Ion:114 Resp: 240164

Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.0

88 16.6 0.0 31.2



#35

Dibromofluoromethane

Concen: 50.653 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075108.D

Acq: 10 Jan 2023 16:39

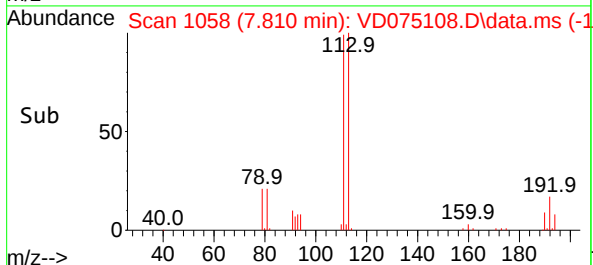
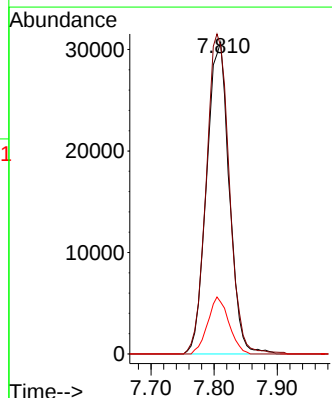
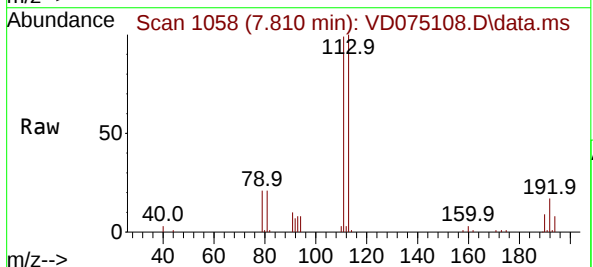
Tgt Ion:113 Resp: 76522

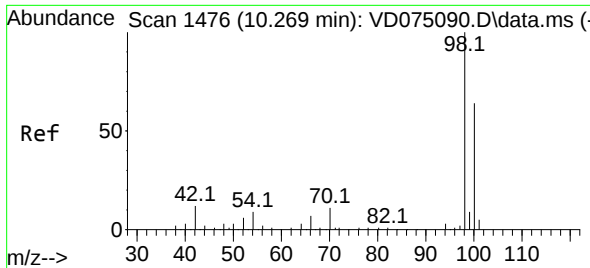
Ion Ratio Lower Upper

113 100

111 104.2 83.2 124.8

192 17.0 15.0 22.6

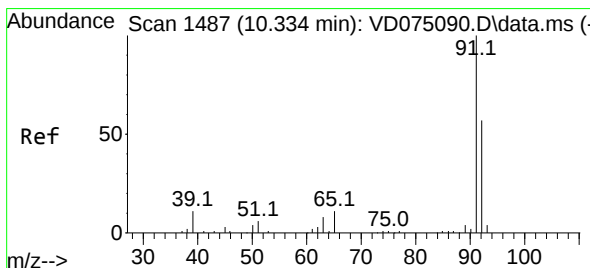
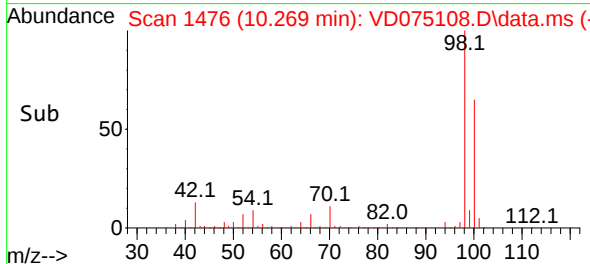
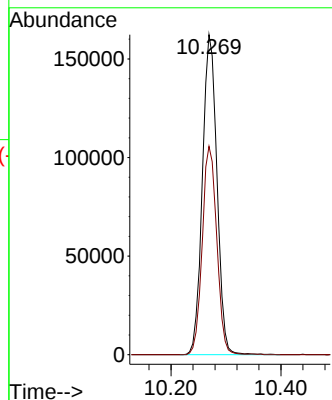
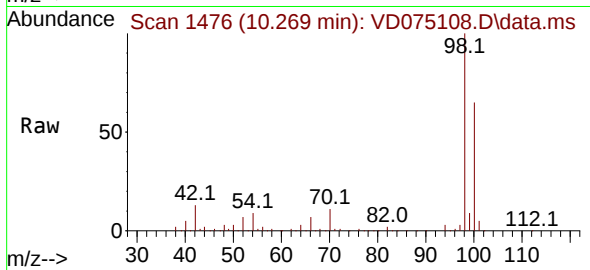




#50
Toluene-d8
Concen: 49.822 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075108.D
Acq: 10 Jan 2023 16:39

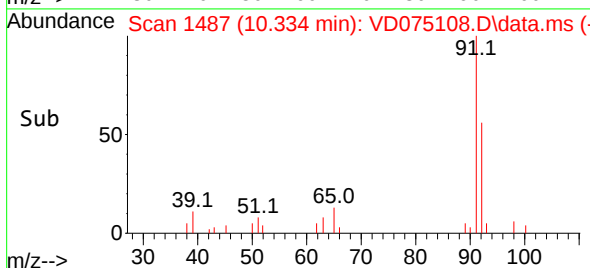
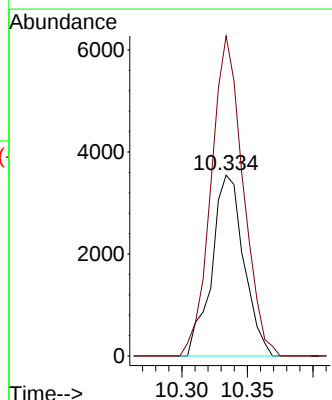
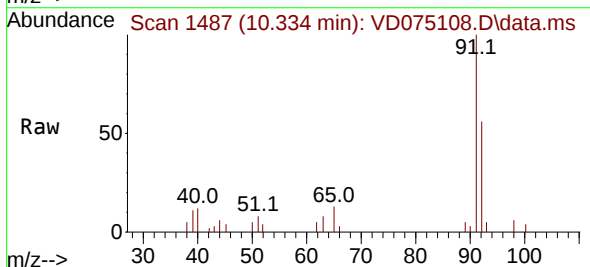
Instrument :
MSVOA_D
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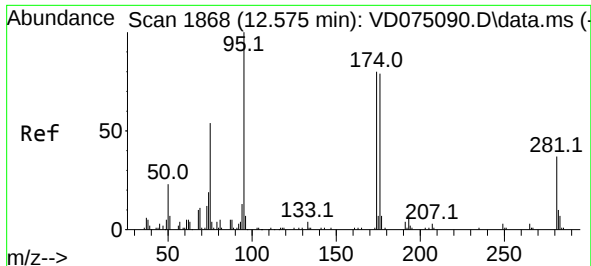
Tgt Ion: 98 Resp: 298431
Ion Ratio Lower Upper
98 100
100 64.7 52.4 78.6



#52
Toluene
Concen: 1.660 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD075108.D
Acq: 10 Jan 2023 16:39

Tgt Ion: 92 Resp: 6002
Ion Ratio Lower Upper
92 100
91 177.2 140.1 210.1

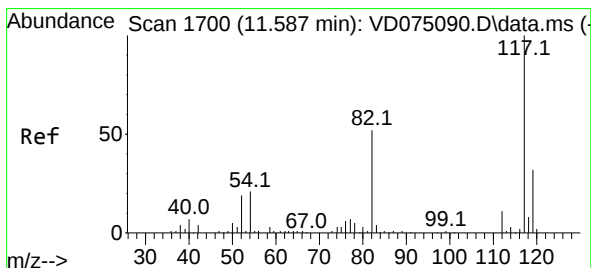
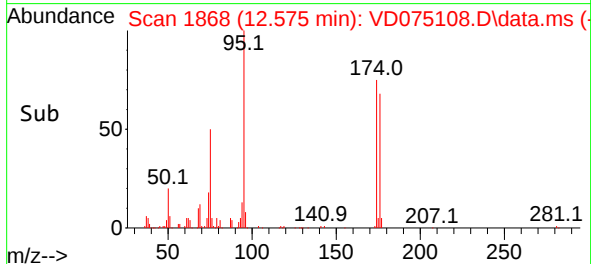
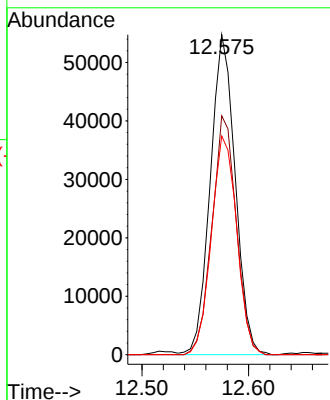
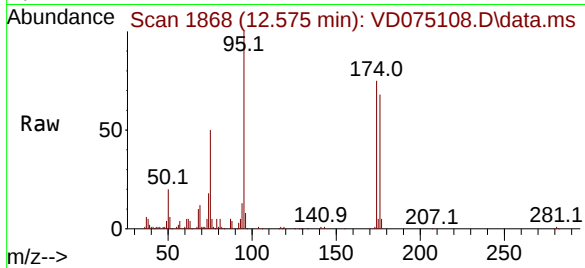




#62
4-Bromofluorobenzene
Concen: 46.167 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075108.D
Acq: 10 Jan 2023 16:39

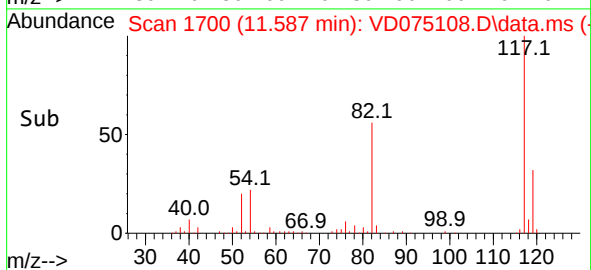
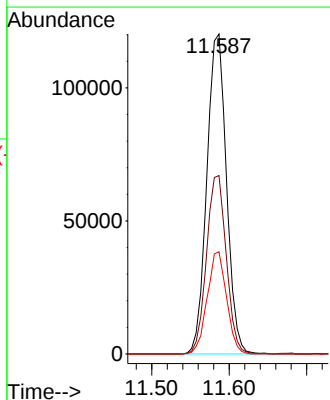
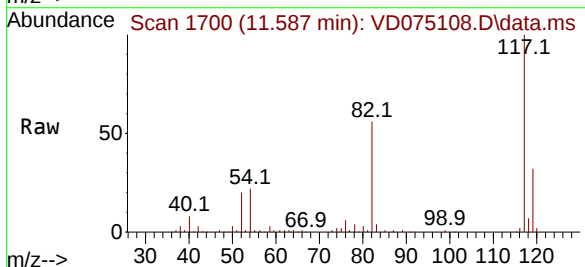
Instrument :
MSVOA_D
ClientSampleId :
B-3-(15-17)

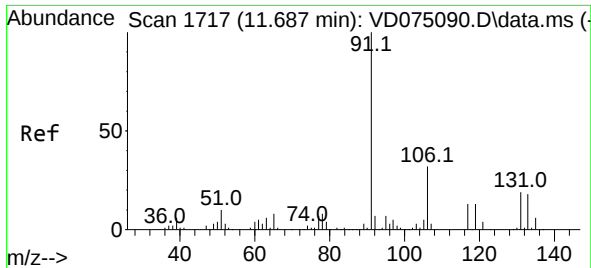
Tgt Ion:	95	Resp:	88763
Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	168.4
176	69.6	0.0	163.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VD075108.D
Acq: 10 Jan 2023 16:39

Tgt Ion:	117	Resp:	211887
Ion	Ratio	Lower	Upper
117	100		
82	55.8	41.3	61.9
119	32.0	25.8	38.6

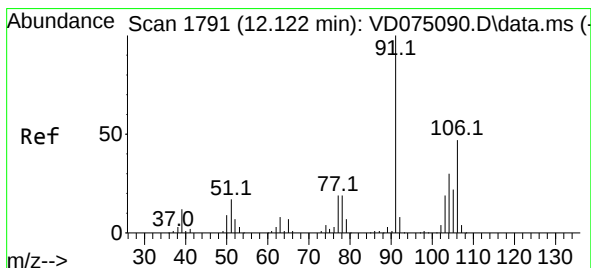
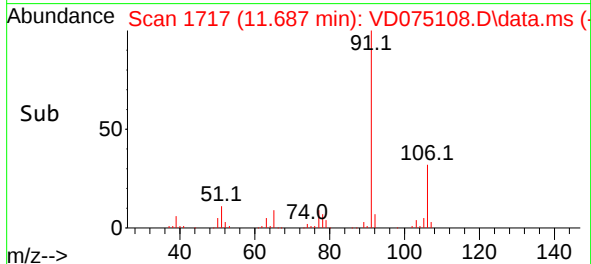
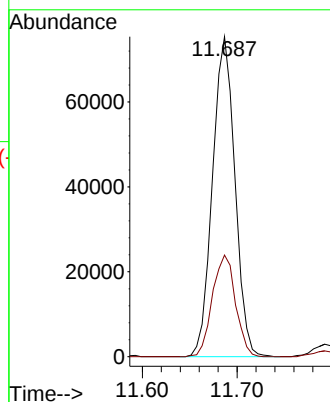
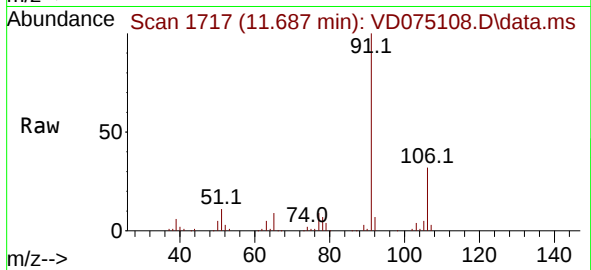




#67
Ethyl Benzene
Concen: 17.416 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075108.D
Acq: 10 Jan 2023 16:39

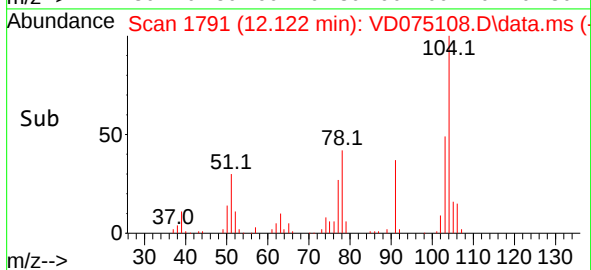
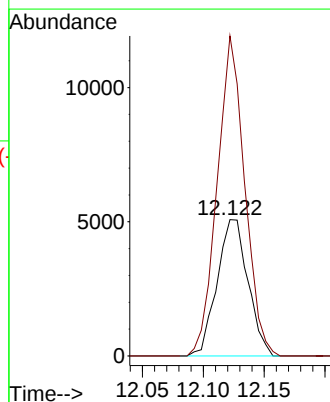
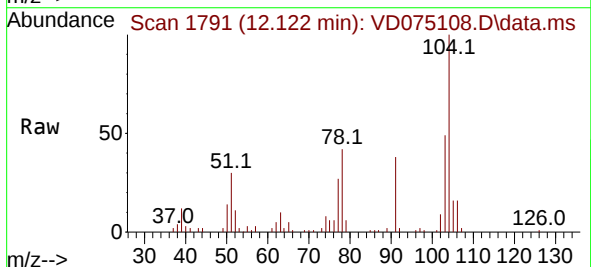
Instrument :
MSVOA_D
ClientSampleId :
B-3-(15-17)

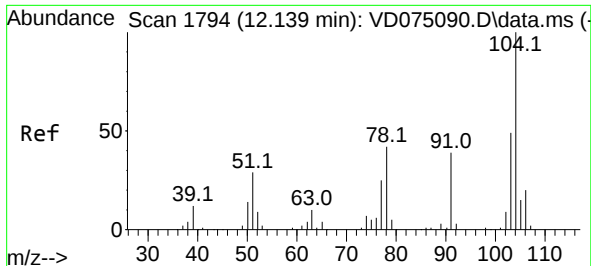
Tgt Ion: 91 Resp: 123683
Ion Ratio Lower Upper
91 100
106 31.7 25.8 38.6



#69
o-Xylene
Concen: 3.378 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075108.D
Acq: 10 Jan 2023 16:39

Tgt Ion: 106 Resp: 8962
Ion Ratio Lower Upper
106 100
91 209.6 104.5 313.3

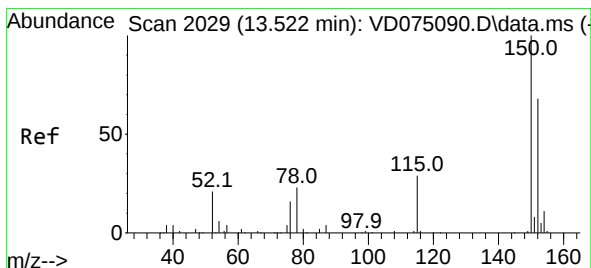
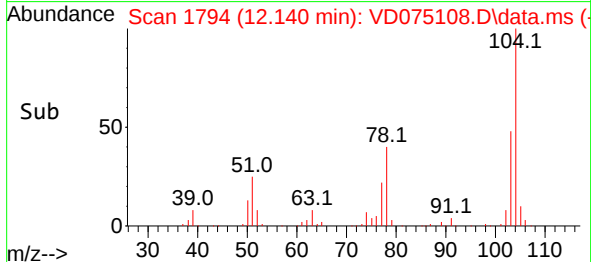
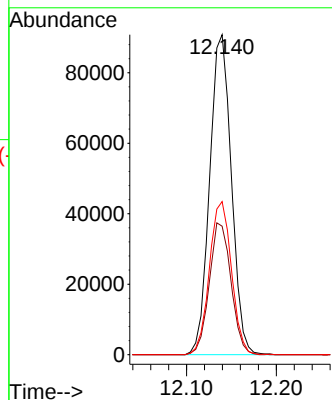
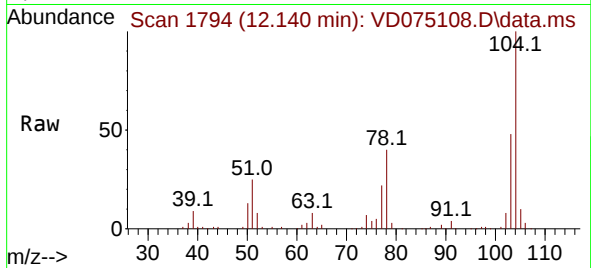




#70
Styrene
Concen: 34.354 ug/l
RT: 12.140 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075108.D
Acq: 10 Jan 2023 16:39

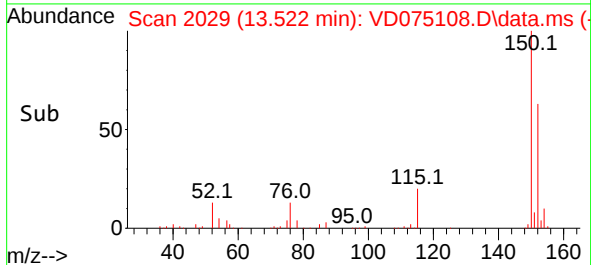
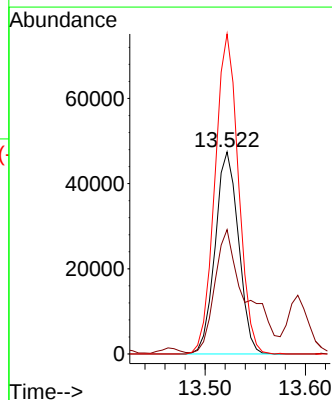
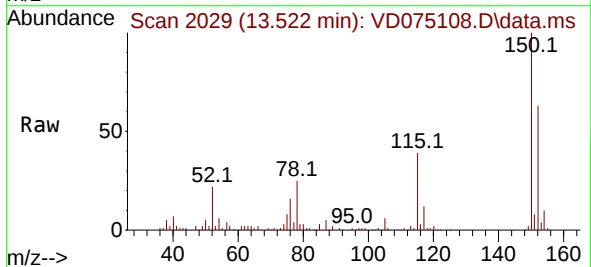
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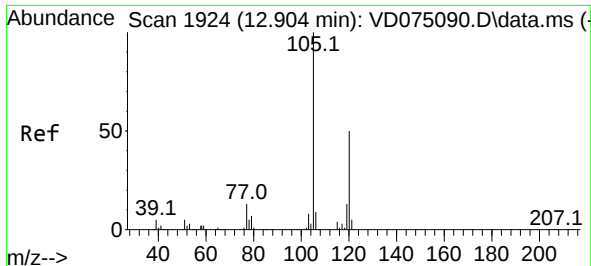
Tgt Ion:104 Resp: 152322
Ion Ratio Lower Upper
104 100
78 41.4 38.2 57.2
103 48.7 43.9 65.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD075108.D
Acq: 10 Jan 2023 16:39

Tgt Ion:152 Resp: 76470
Ion Ratio Lower Upper
152 100
115 83.8 28.7 86.1
150 159.5 0.0 343.2

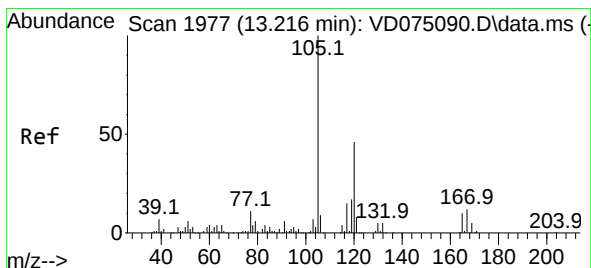
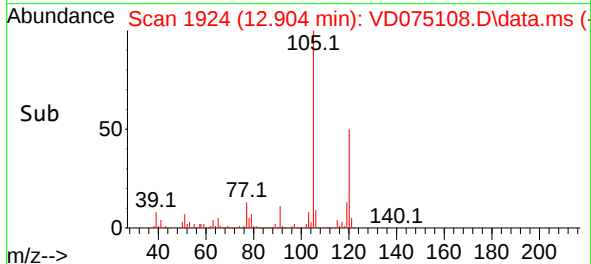
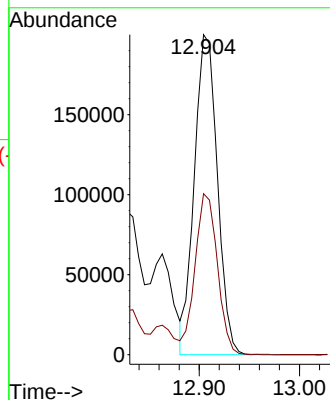
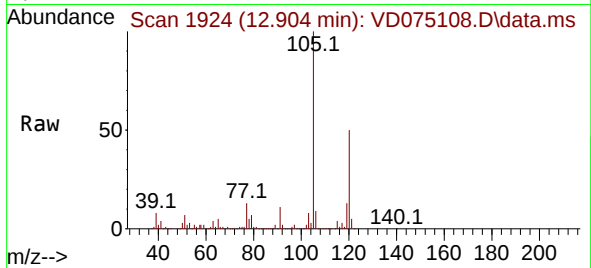




#80
1,3,5-Trimethylbenzene
Concen: 68.944 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD075108.D
Acq: 10 Jan 2023 16:39

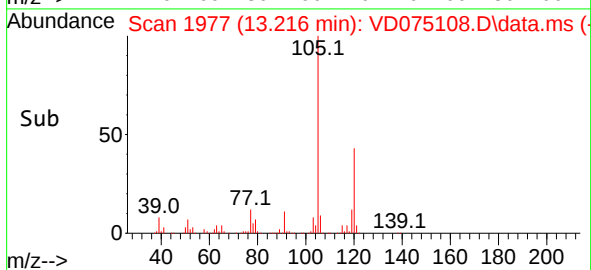
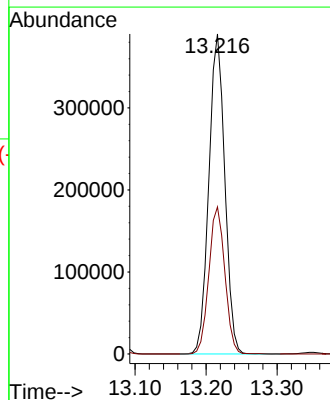
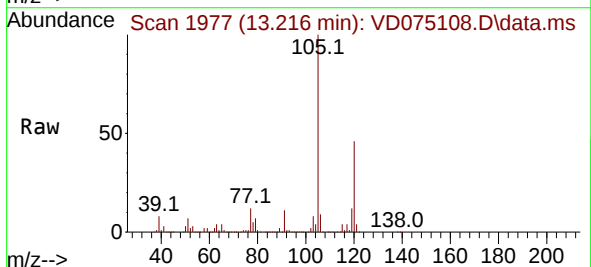
Instrument :
MSVOA_D
ClientSampleId :
B-3-(15-17)

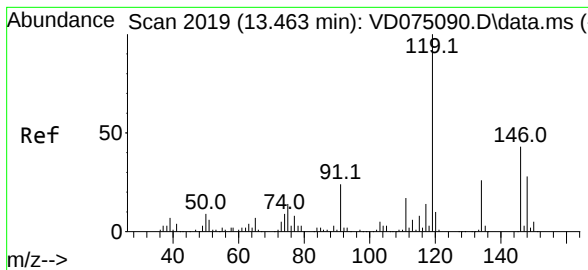
Tgt Ion:105 Resp: 319791
Ion Ratio Lower Upper
105 100
120 48.9 24.8 74.3



#84
1,2,4-Trimethylbenzene
Concen: 135.543 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075108.D
Acq: 10 Jan 2023 16:39

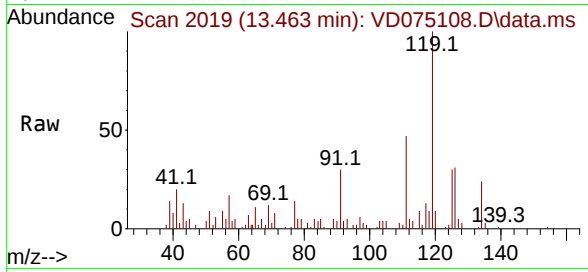
Tgt Ion:105 Resp: 607606
Ion Ratio Lower Upper
105 100
120 46.2 22.8 68.4





#86
 p-Isopropyltoluene
 Concen: 4.772 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075108.D
 Acq: 10 Jan 2023 16:39

Instrument :
 MSVOA_D
 ClientSampleId :
 B-3-(15-17)



Tgt Ion:	119	Resp:	23909
Ion	Ratio	Lower	Upper
119	100		
134	25.2	13.1	39.1
91	30.1	11.9	35.5

