

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012523\
 Data File : VD075199.D
 Acq On : 25 Jan 2023 12:45
 Operator : KP/SY
 Sample : 01270-03
 Misc : 5.16G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-1-012323

Quant Time: Jan 25 15:56:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

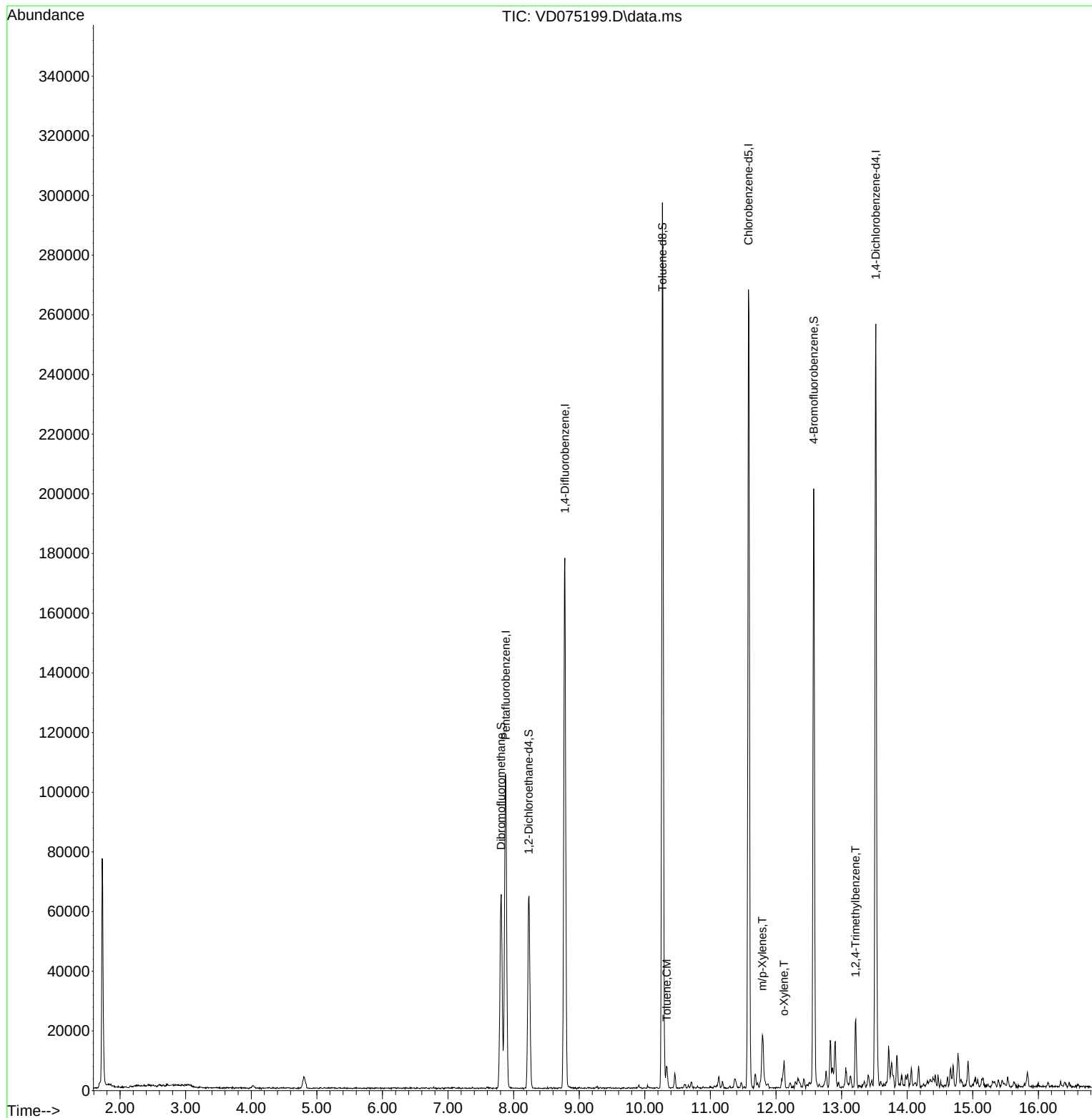
Internal Standards						
1) Pentafluorobenzene	7.881	168	78350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	154955	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	150597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	63169	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	50001	62.540	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.080%
35) Dibromofluoromethane	7.810	113	47635	50.873	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.740%
50) Toluene-d8	10.269	98	194680	52.805	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.620%
62) 4-Bromofluorobenzene	12.575	95	63740	54.476	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.960%
Target Compounds						
					Qvalue	
52) Toluene	10.334	92	3262	1.203	ug/l	94
68) m/p-Xylenes	11.793	106	4219	1.966	ug/l	97
69) o-Xylene	12.122	106	2137	1.062	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	12405	3.090	ug/l	96

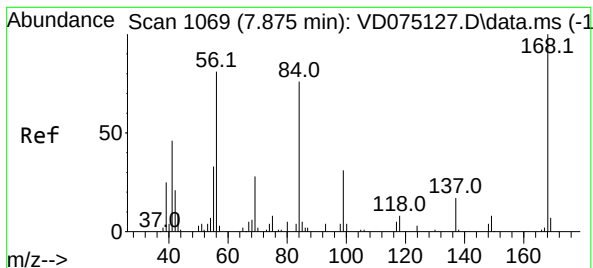
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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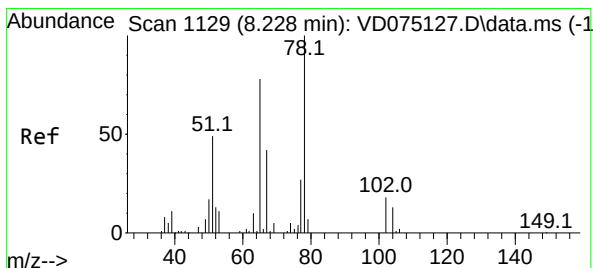
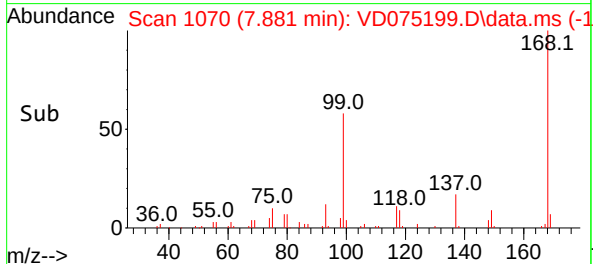
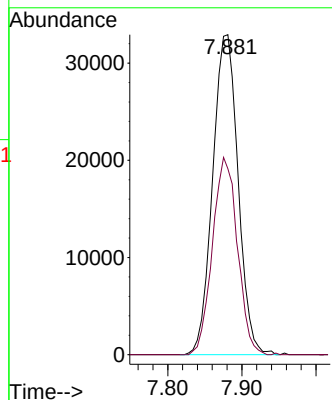
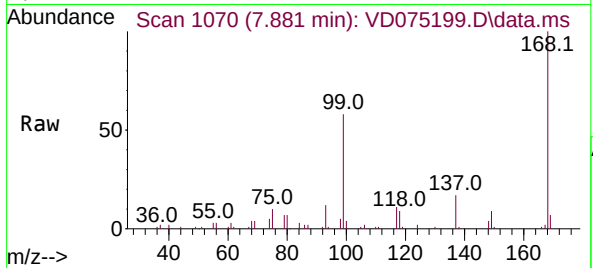




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075199.D
Acq: 25 Jan 2023 12:45

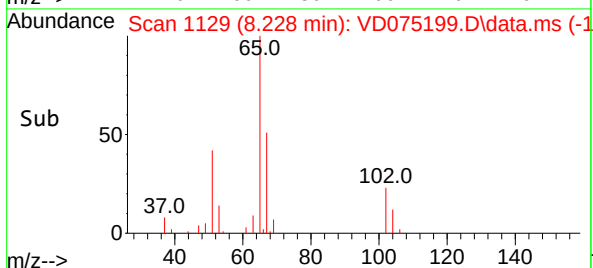
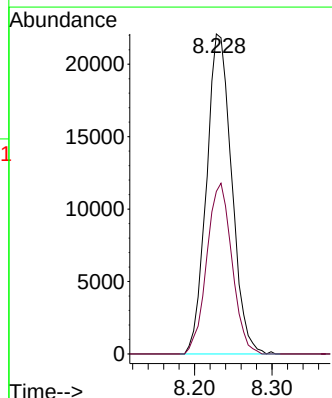
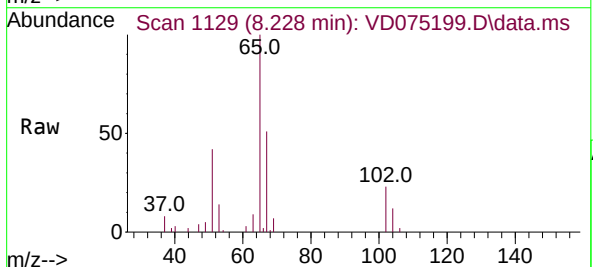
Instrument :
MSVOA_D
ClientSampleId :
JC-1-012323

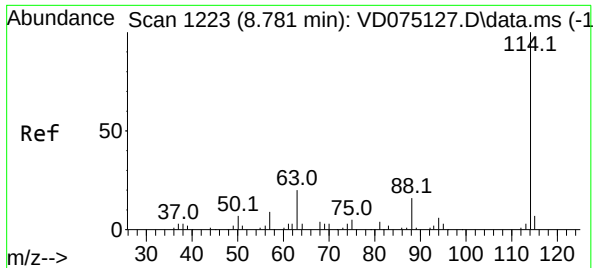
Tgt Ion:168 Resp: 78350
Ion Ratio Lower Upper
168 100
99 58.1 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 62.540 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD075199.D
Acq: 25 Jan 2023 12:45

Tgt Ion: 65 Resp: 50001
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.2

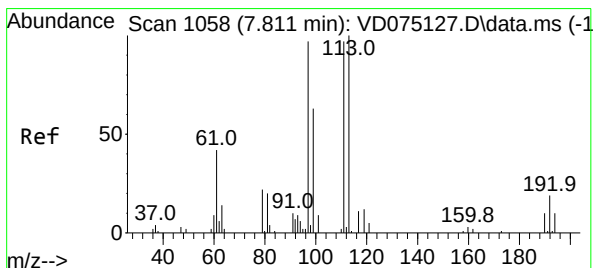
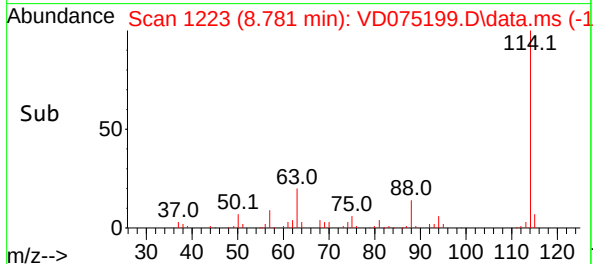
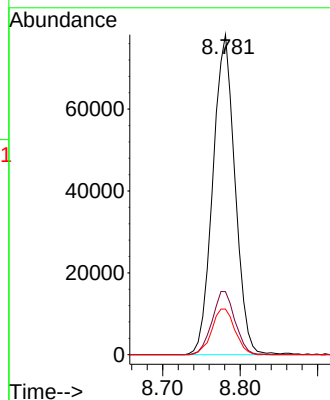
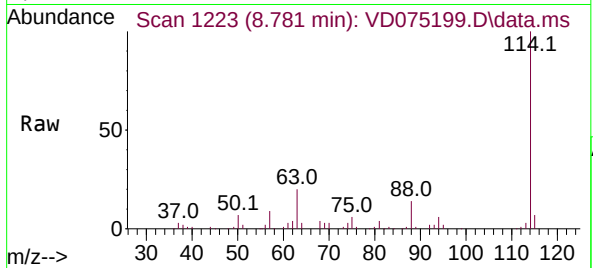




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075199.D
Acq: 25 Jan 2023 12:45

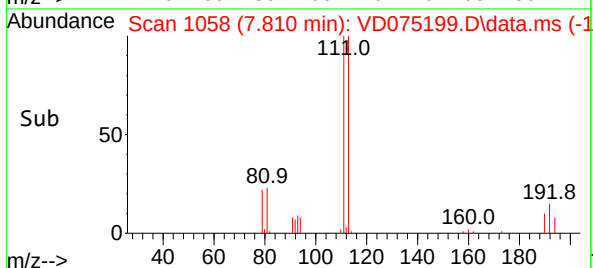
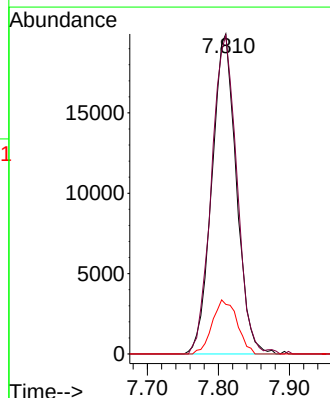
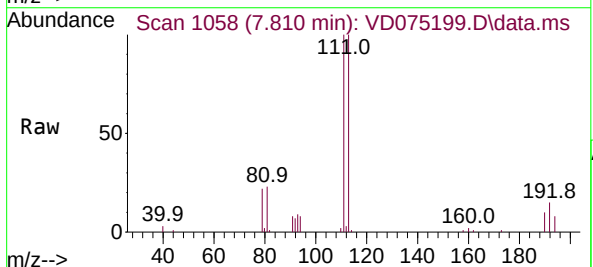
Instrument :
MSVOA_D
ClientSampleId :
JC-1-012323

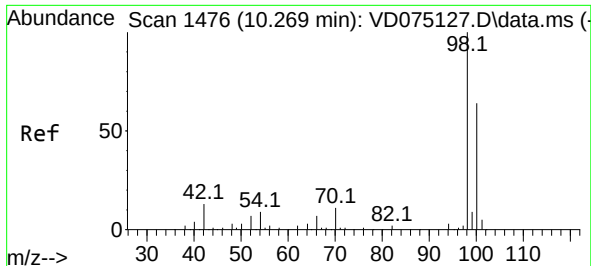
Tgt Ion:114 Resp: 154955
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.2
88 14.3 0.0 32.2



#35
Dibromofluoromethane
Concen: 50.873 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD075199.D
Acq: 25 Jan 2023 12:45

Tgt Ion:113 Resp: 47635
Ion Ratio Lower Upper
113 100
111 102.9 80.1 120.1
192 17.1 15.4 23.0

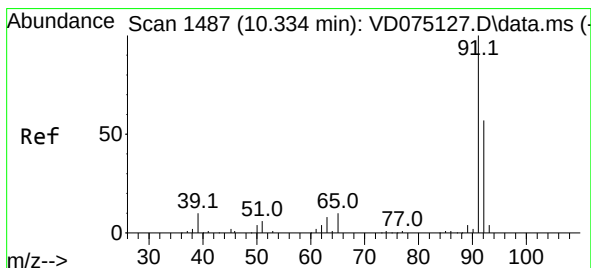
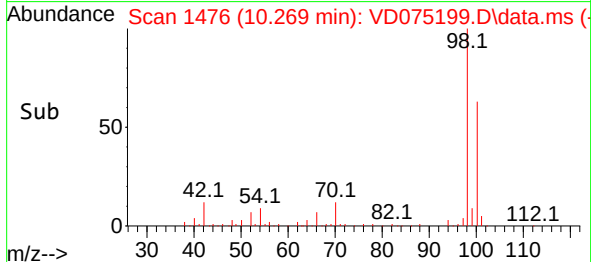
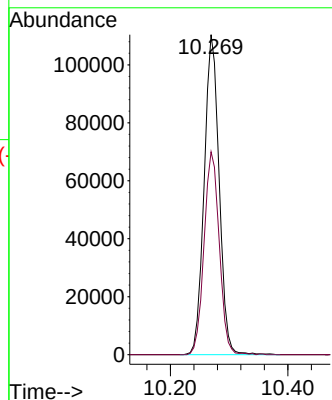
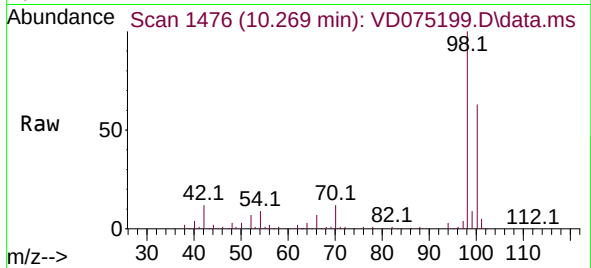




#50
Toluene-d8
Concen: 52.805 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075199.D
Acq: 25 Jan 2023 12:45

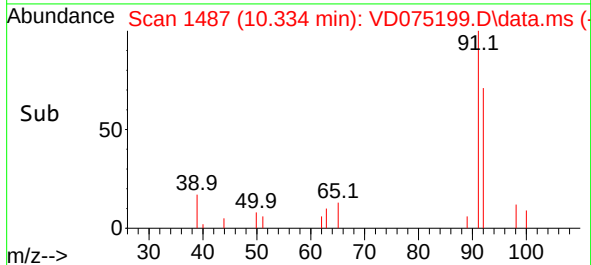
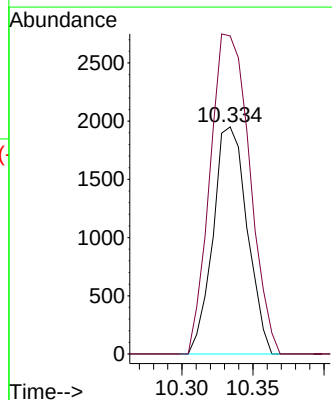
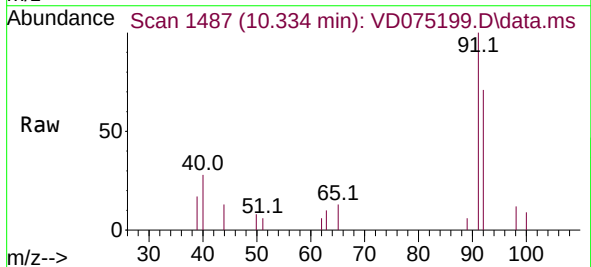
Instrument :
MSVOA_D
ClientSampleId :
JC-1-012323

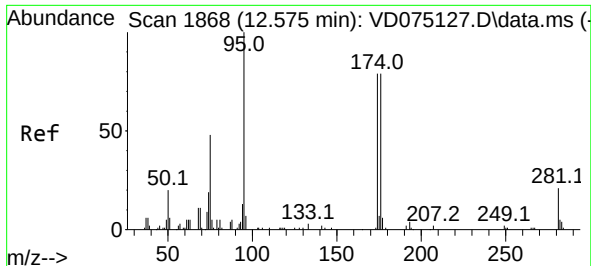
Tgt Ion: 98 Resp: 194680
Ion Ratio Lower Upper
98 100
100 64.3 52.7 79.1



#52
Toluene
Concen: 1.203 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075199.D
Acq: 25 Jan 2023 12:45

Tgt Ion: 92 Resp: 3262
Ion Ratio Lower Upper
92 100
91 163.3 137.0 205.4

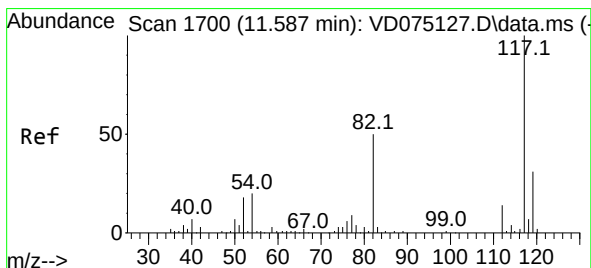
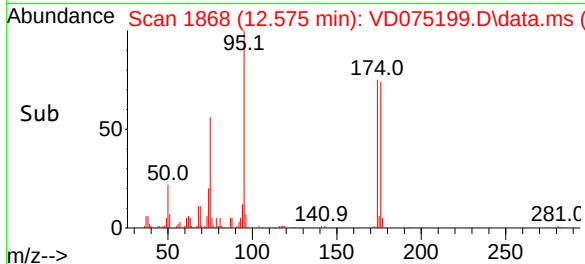
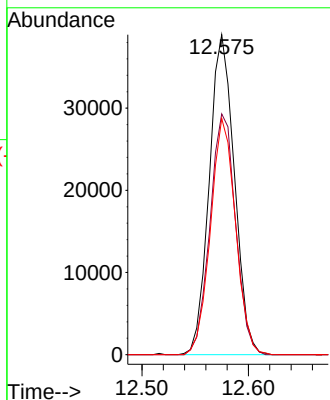
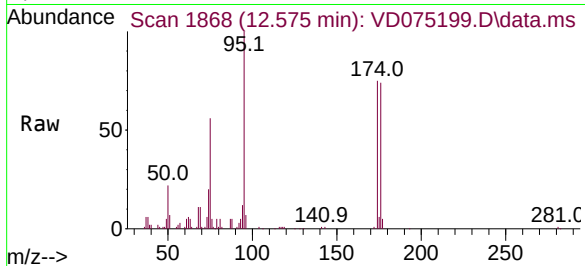




#62
4-Bromofluorobenzene
Concen: 54.476 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075199.D
Acq: 25 Jan 2023 12:45

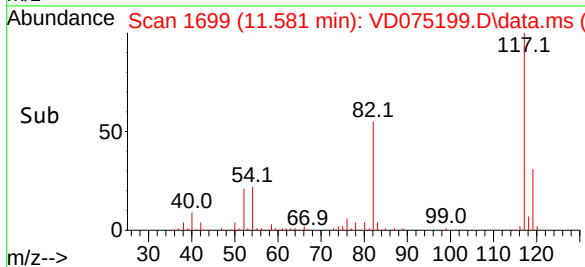
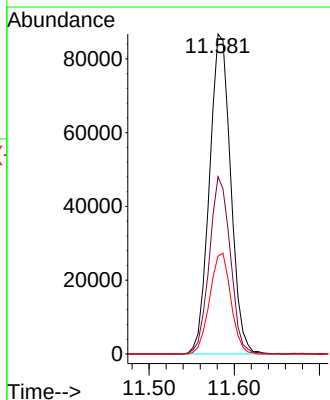
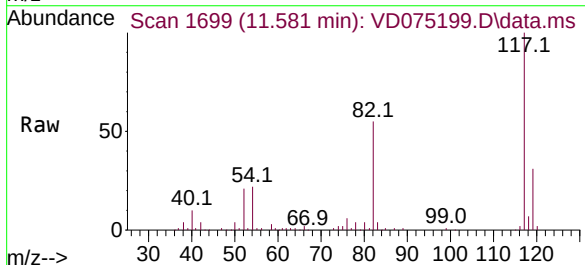
Instrument :
MSVOA_D
ClientSampleId :
JC-1-012323

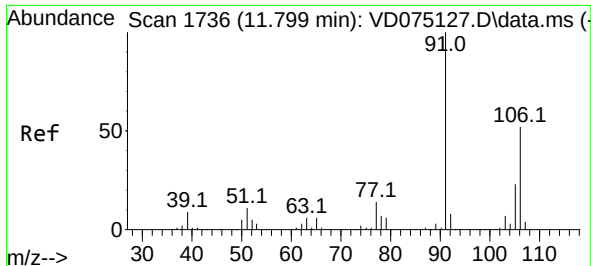
Tgt Ion: 95 Resp: 63740
Ion Ratio Lower Upper
95 100
174 76.7 0.0 161.2
176 73.6 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075199.D
Acq: 25 Jan 2023 12:45

Tgt Ion: 117 Resp: 150597
Ion Ratio Lower Upper
117 100
82 55.4 39.6 59.4
119 30.6 24.6 37.0





#68

m/p-Xylenes

Concen: 1.966 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. -0.006 min

Lab File: VD075199.D

Acq: 25 Jan 2023 12:45

Instrument :

MSVOA_D

ClientSampleId :

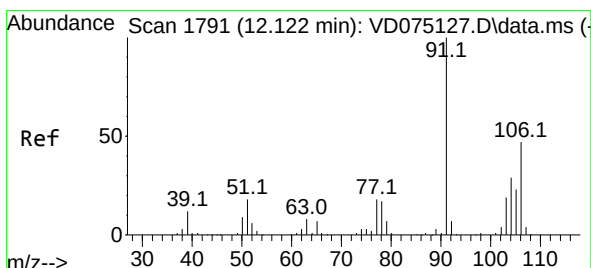
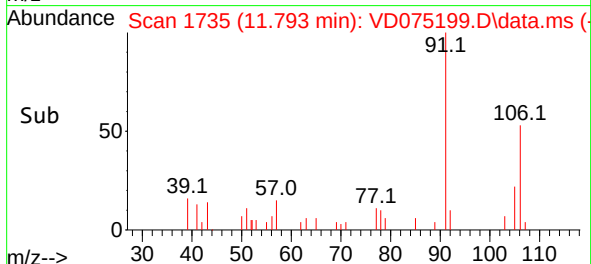
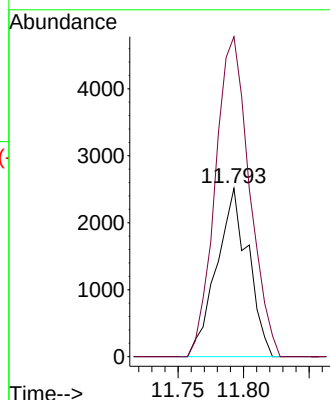
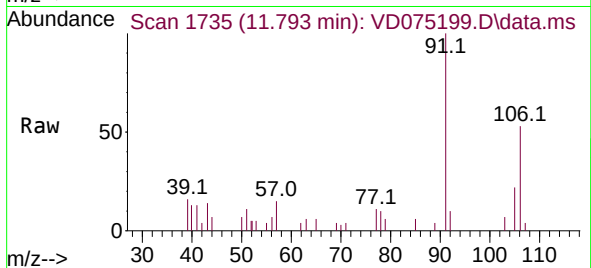
JC-1-012323

Tgt Ion:106 Resp: 4219

Ion Ratio Lower Upper

106 100

91 205.0 160.3 240.5



#69

o-Xylene

Concen: 1.062 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD075199.D

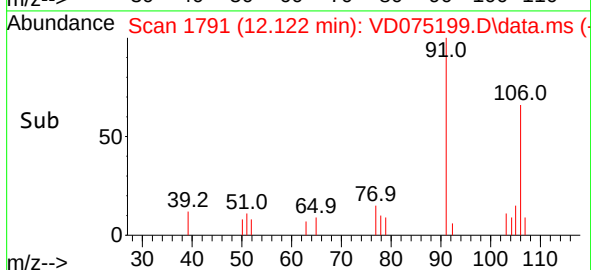
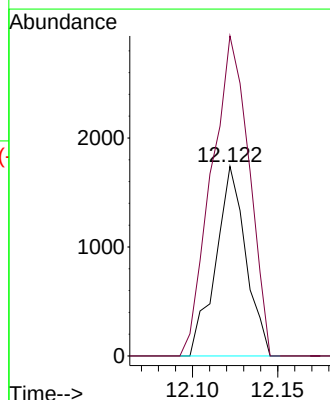
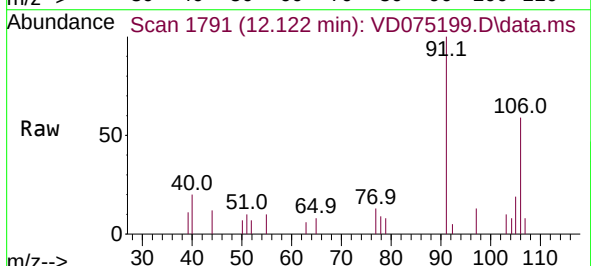
Acq: 25 Jan 2023 12:45

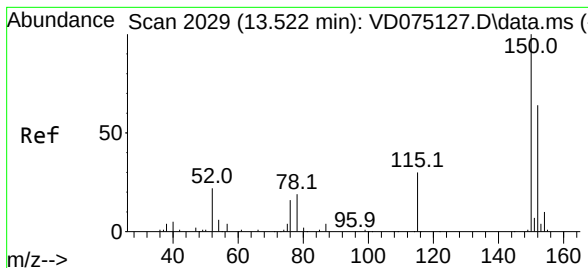
Tgt Ion:106 Resp: 2137

Ion Ratio Lower Upper

106 100

91 210.7 103.6 310.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 20

Delta R.T. -0.000 min

Lab File: VD075199.D

Acq: 25 Jan 2023 12:45

Instrument :

MSVOA_D

ClientSampleId :

JC-1-012323

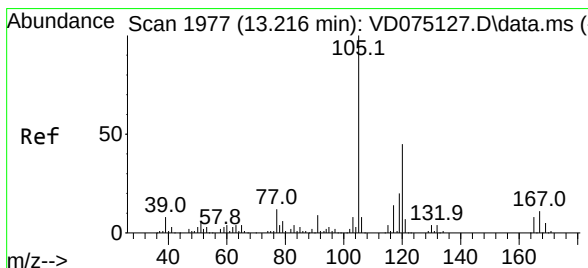
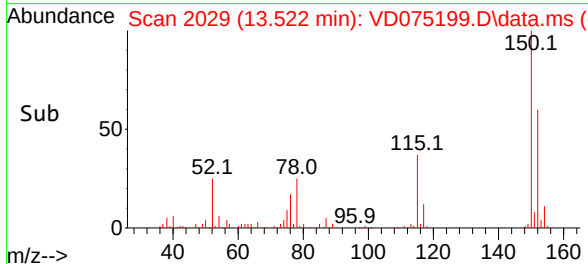
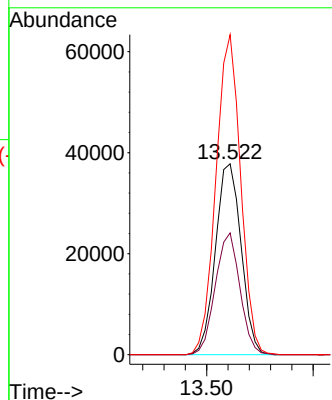
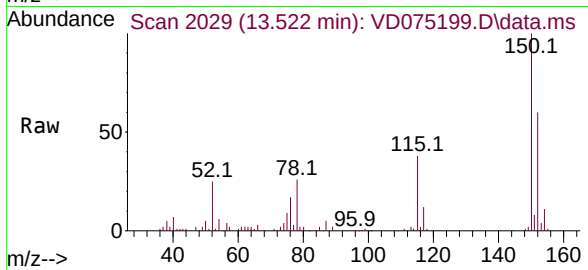
Tgt Ion:152 Resp: 63169

Ion Ratio Lower Upper

152 100

115 61.2 28.8 86.4

150 161.5 0.0 348.6



#84

1,2,4-Trimethylbenzene

Concen: 3.090 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.006 min

Lab File: VD075199.D

Acq: 25 Jan 2023 12:45

Tgt Ion:105 Resp: 12405

Ion Ratio Lower Upper

105 100

120 43.9 23.2 69.5

