

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073320.D
 Acq On : 24 May 2022 13:00
 Operator : VA/SY
 Sample : N2960-01
 Misc : 5.93G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BIN-4-SP-1

Quant Time: May 24 16:44:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

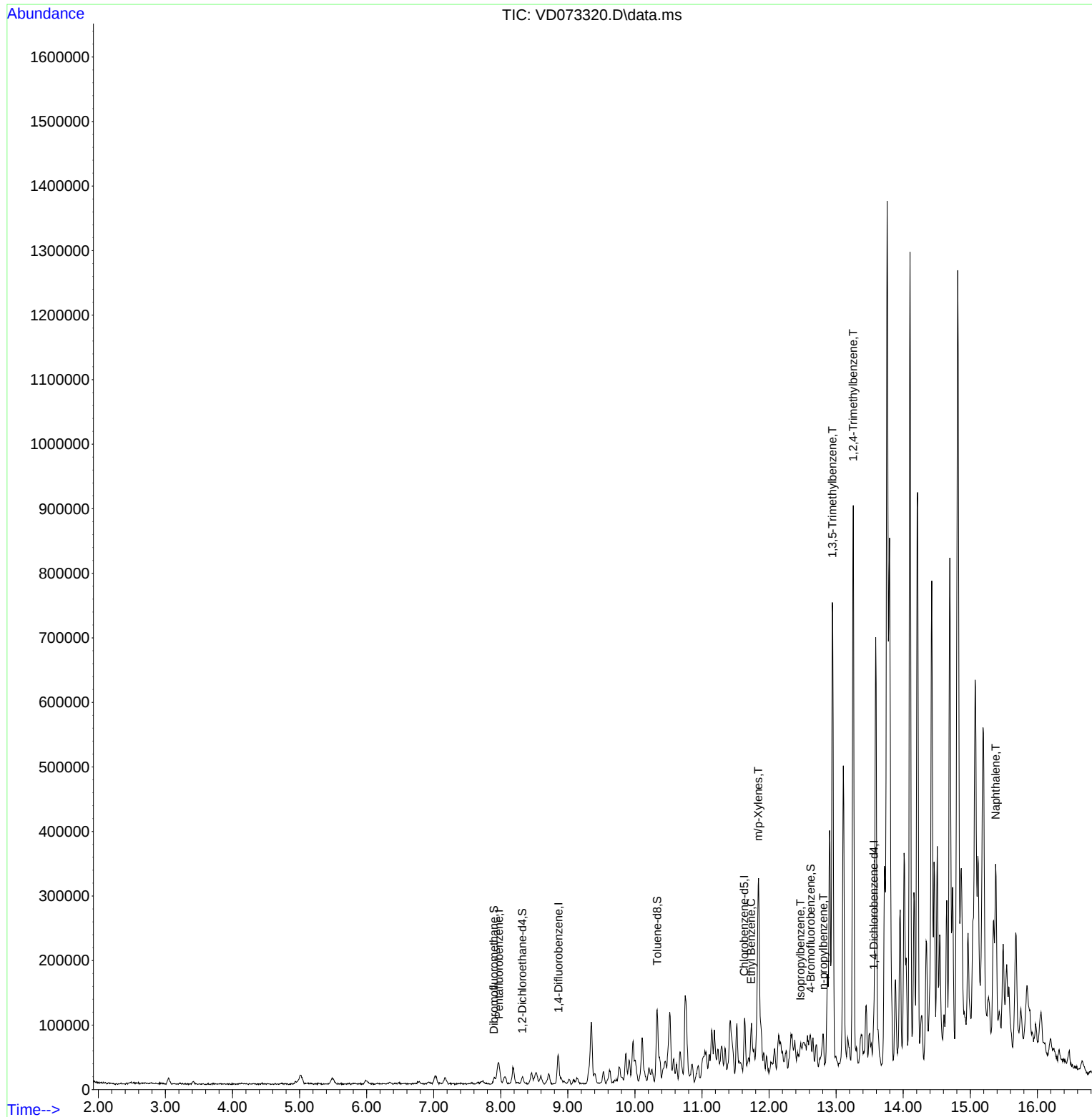
Internal Standards						
1) Pentafluorobenzene	7.973	168	10186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	18942	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	20602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	9975	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	8198	72.826	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 145.660%	
35) Dibromofluoromethane	7.897	113	6667	53.339	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.680%	
50) Toluene-d8	10.332	98	27366	59.394	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 118.780%	
62) 4-Bromofluorobenzene	12.620	95	15507	95.902	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 191.800%#	
Target Compounds						
					Qvalue	
67) Ethyl Benzene	11.732	91	9847	13.272	ug/l	91
68) m/p-Xylenes	11.838	106	85647	297.124	ug/l	96
73) Isopropylbenzene	12.467	105	17934	25.220	ug/l	98
78) n-propylbenzene	12.808	91	31101	34.838	ug/l	98
80) 1,3,5-Trimethylbenzene	12.943	105	356588	591.961	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	473484	795.647	ug/l	98
95) Naphthalene	15.379	128	210993	604.134	ug/l	99

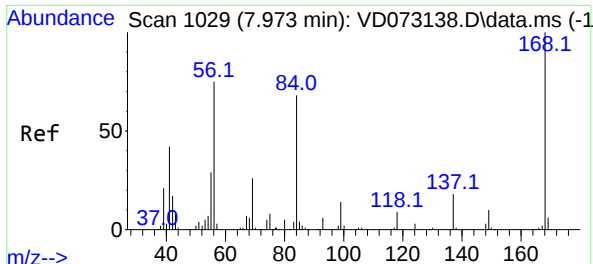
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
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Instrument :
MSVOA_D
ClientSampleId :
BIN-4-SP-1

Quant Time: May 24 16:44:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration





Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD073320.D

Acq: 24 May 2022 13:00

Instrument :

MSVOA_D

ClientSampleId :

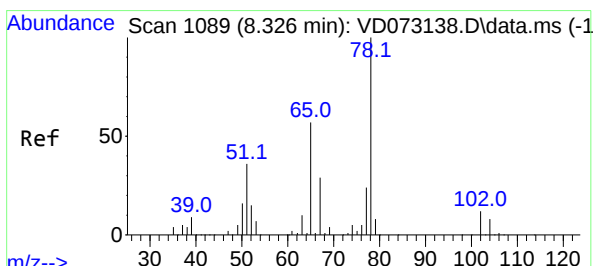
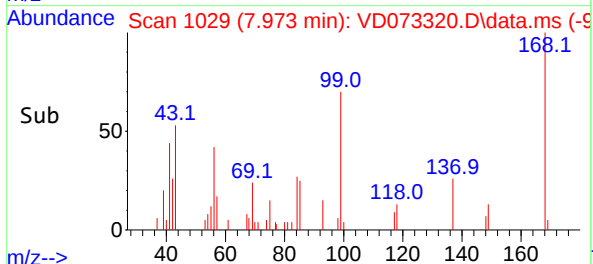
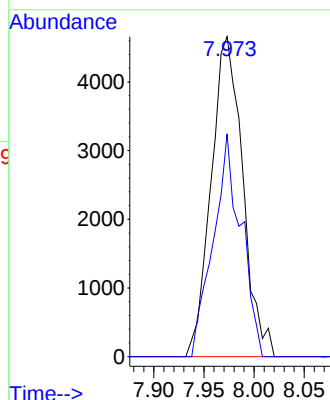
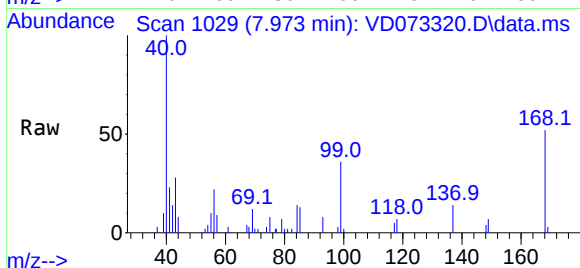
BIN-4-SP-1

Tgt Ion:168 Resp: 10186

Ion Ratio Lower Upper

168 100

99 69.7 49.8 74.6



1,2-Dichloroethane-d4

Concen: 72.826 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD073320.D

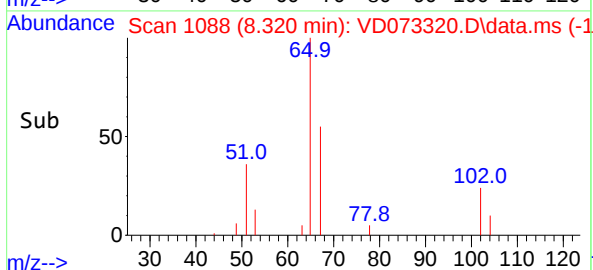
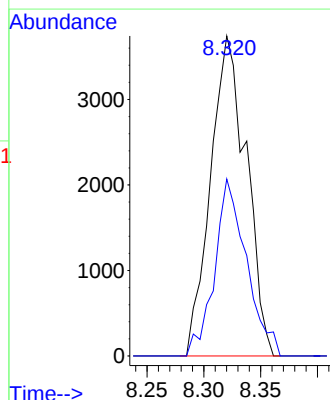
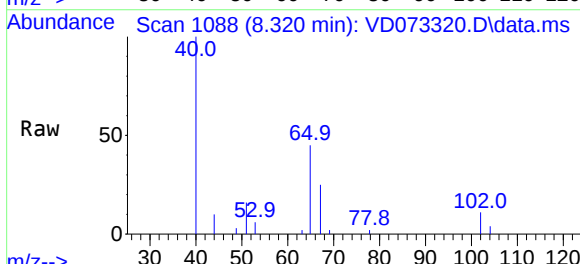
Acq: 24 May 2022 13:00

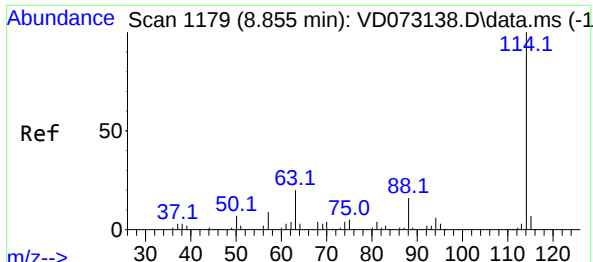
Tgt Ion: 65 Resp: 8198

Ion Ratio Lower Upper

65 100

67 49.2 0.0 101.4



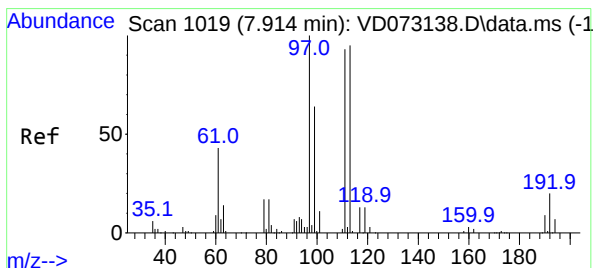
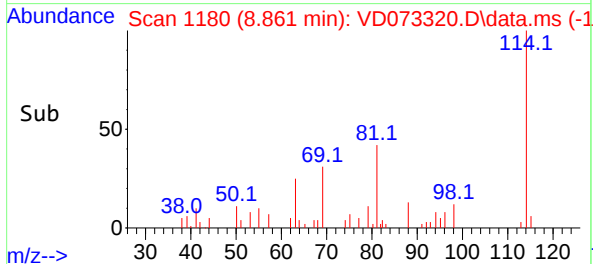
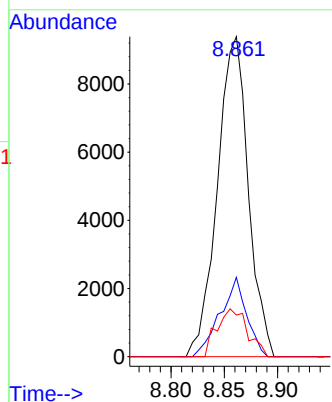
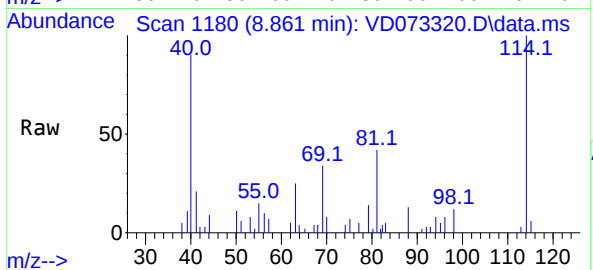


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

Instrument :
MSVOA_D
ClientSampleId :
BIN-4-SP-1

Tgt Ion:114 Resp: 18942

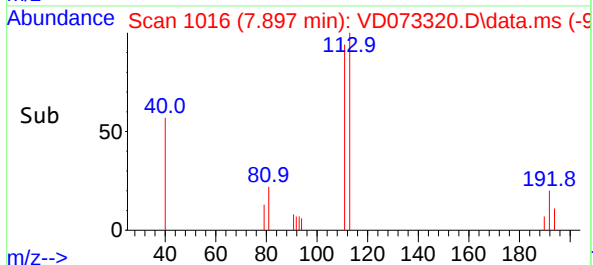
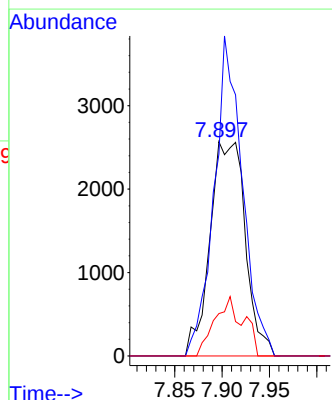
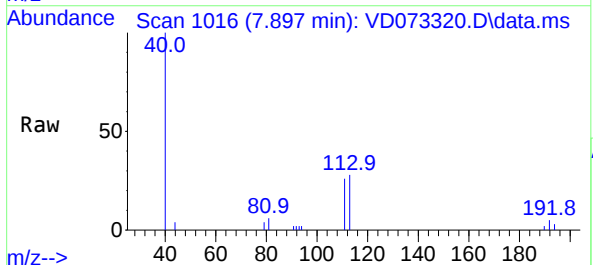
Ion	Ratio	Lower	Upper
114	100		
63	24.8	0.0	46.6
88	13.0	0.0	33.2

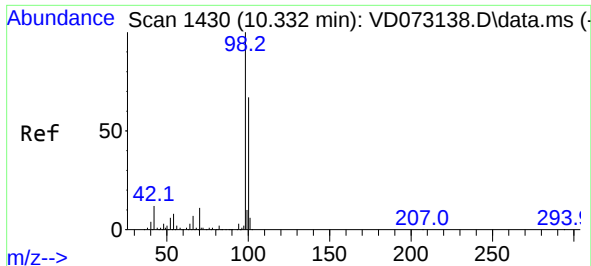


#35
Dibromofluoromethane
Concen: 53.339 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.017 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

Tgt Ion:113 Resp: 6667

Ion	Ratio	Lower	Upper
113	100		
111	119.3	83.8	125.6
192	22.3	14.6	21.8#

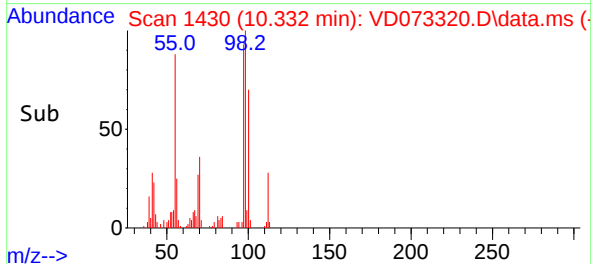
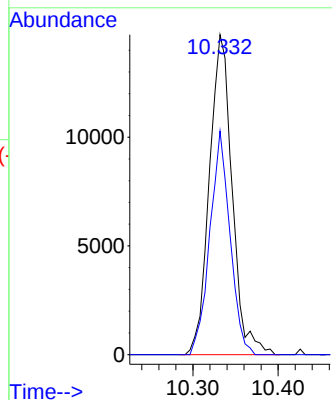
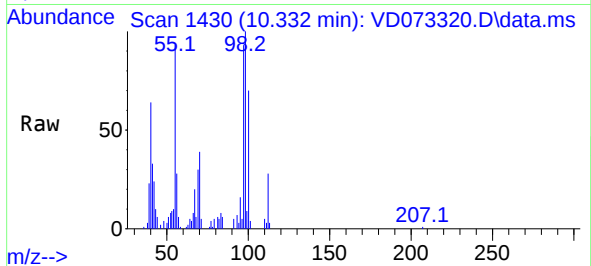




#50
Toluene-d8
Concen: 59.394 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

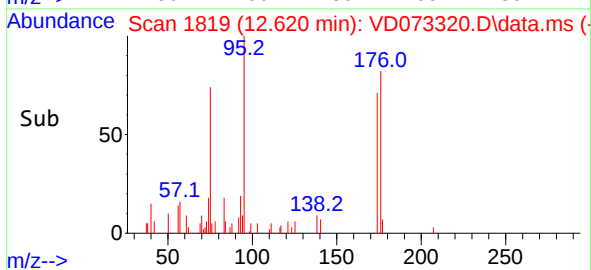
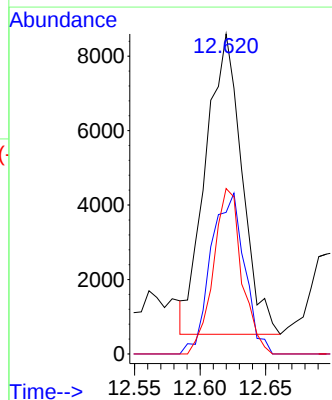
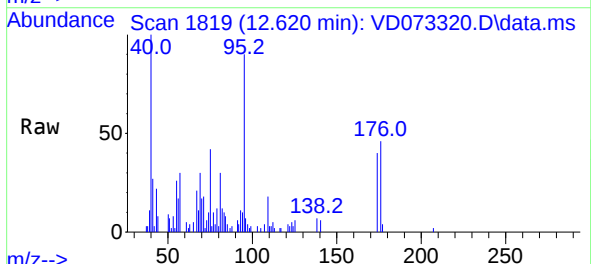
Instrument :
MSVOA_D
ClientSampleId :
BIN-4-SP-1

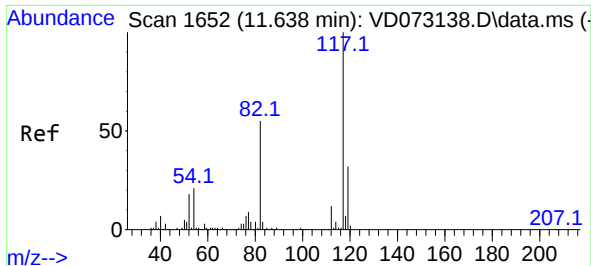
Tgt Ion: 98 Resp: 27366
Ion Ratio Lower Upper
98 100
100 61.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 95.902 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

Tgt Ion: 95 Resp: 15507
Ion Ratio Lower Upper
95 100
174 49.6 0.0 152.8
176 43.3 0.0 145.4

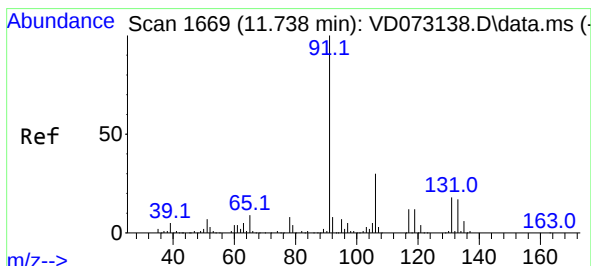
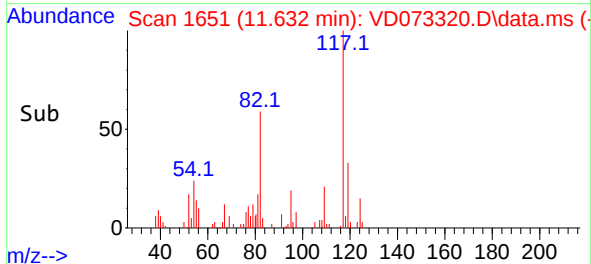
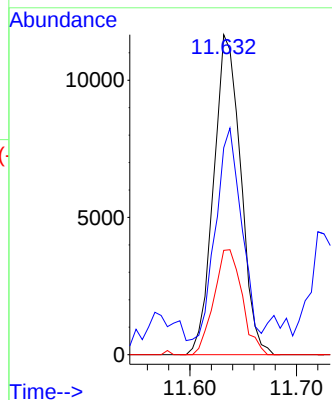
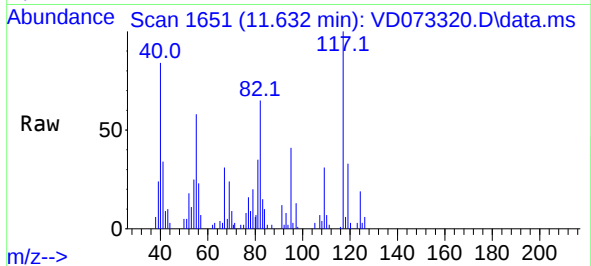




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

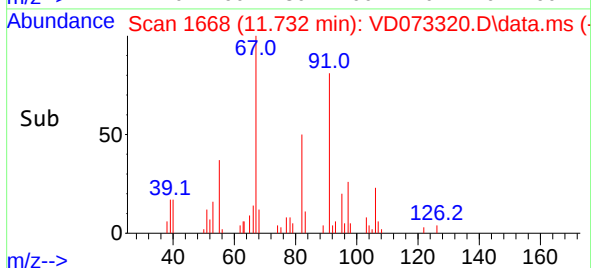
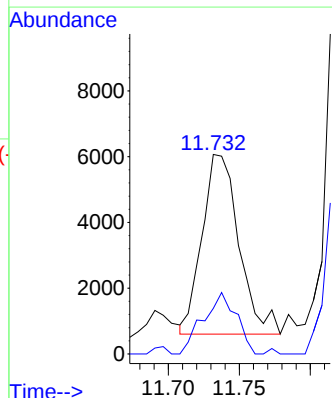
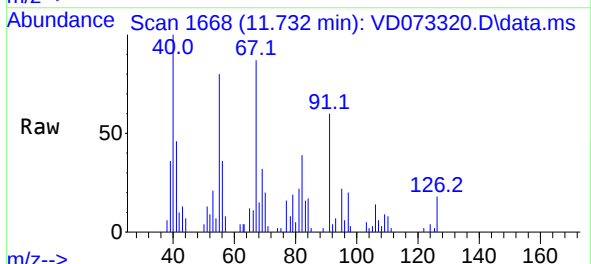
Instrument :
MSVOA_D
ClientSampleId :
BIN-4-SP-1

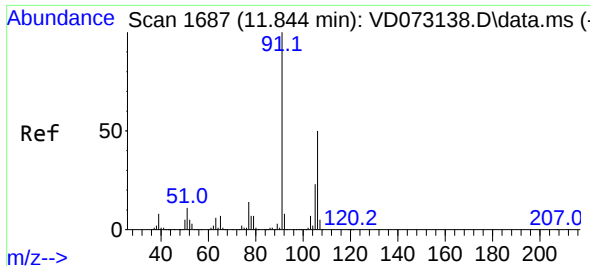
Tgt Ion:	117	Resp:	20602
Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.3	67.9
119	32.6	26.6	40.0



#67
Ethyl Benzene
Concen: 13.272 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

Tgt Ion:	91	Resp:	9847
Ion	Ratio	Lower	Upper
91	100		
106	25.4	24.2	36.4

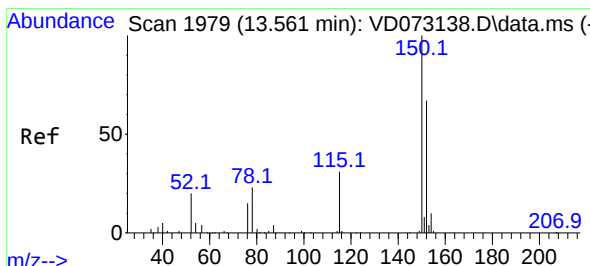
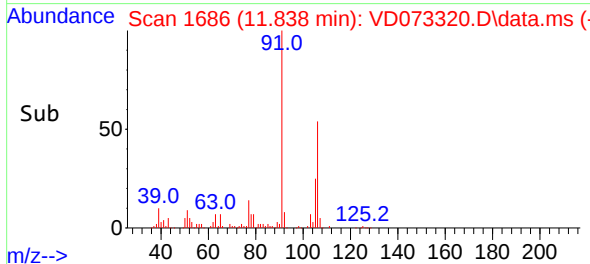
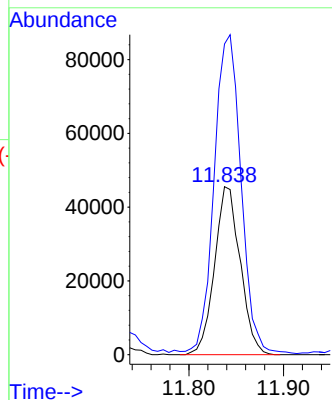
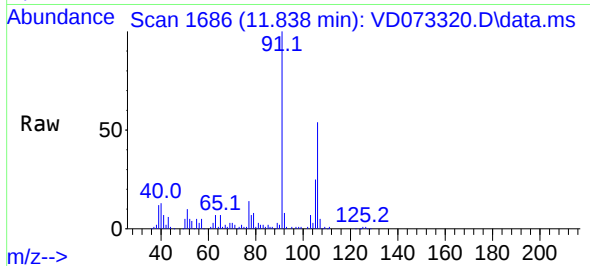




#68
m/p-Xylenes
Concen: 297.124 ug/l
RT: 11.838 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

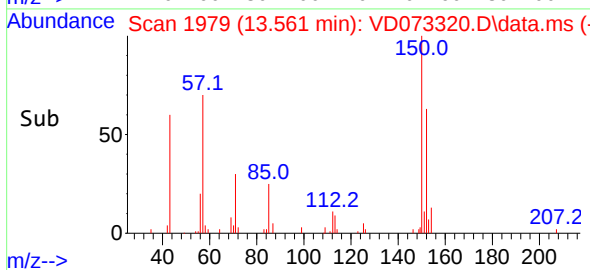
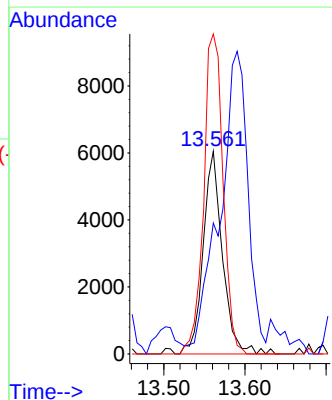
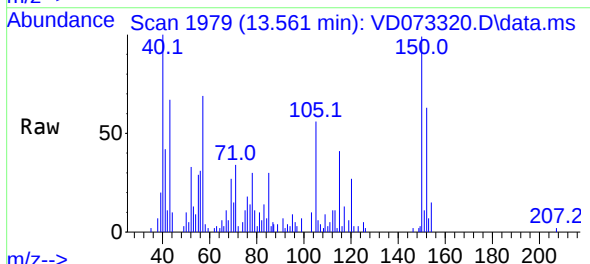
Instrument :
MSVOA_D
ClientSampleId :
BIN-4-SP-1

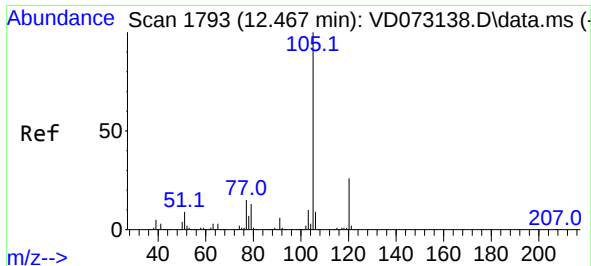
Tgt Ion:106 Resp: 85647
Ion Ratio Lower Upper
106 100
91 198.8 163.7 245.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

Tgt Ion:152 Resp: 9975
Ion Ratio Lower Upper
152 100
115 0.0 31.3 93.8#
150 158.5 0.0 348.6

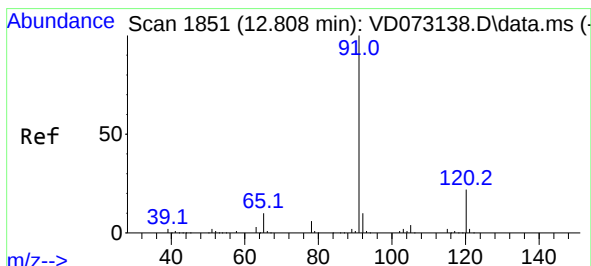
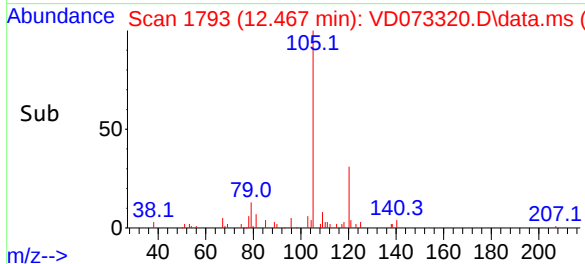
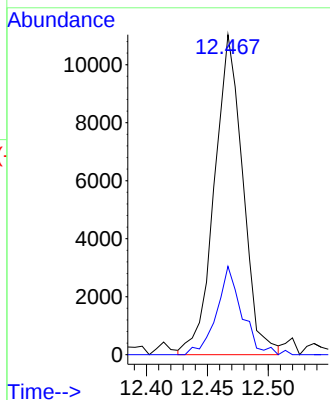
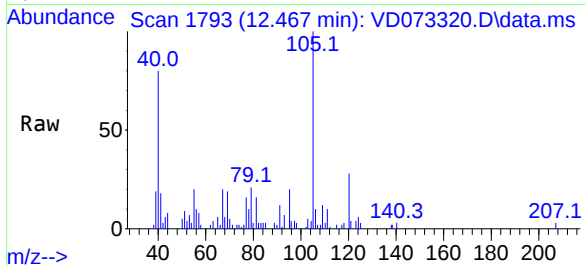




#73
Isopropylbenzene
Concen: 25.220 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

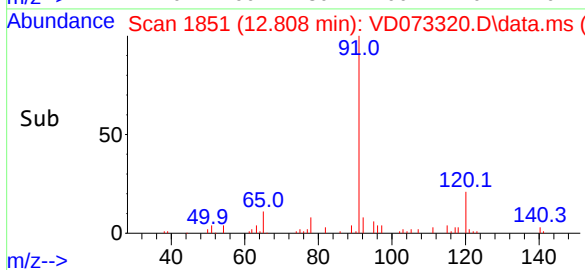
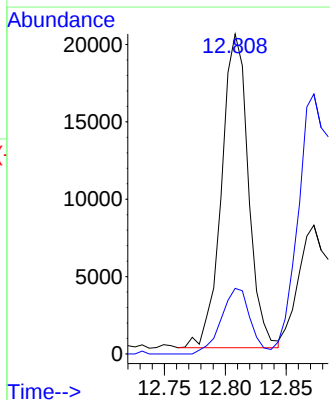
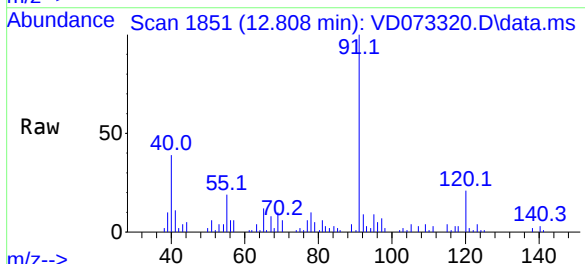
Instrument :
MSVOA_D
ClientSampleId :
BIN-4-SP-1

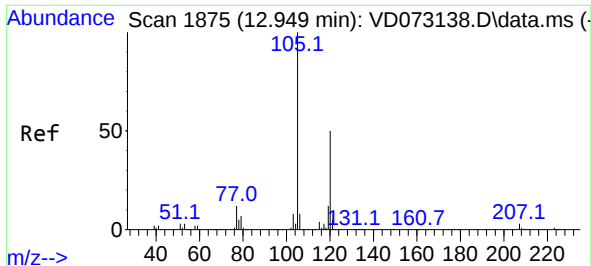
Tgt Ion:105 Resp: 17934
Ion Ratio Lower Upper
105 100
120 24.7 13.0 38.9



#78
n-propylbenzene
Concen: 34.838 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

Tgt Ion: 91 Resp: 31101
Ion Ratio Lower Upper
91 100
120 22.6 10.9 32.9

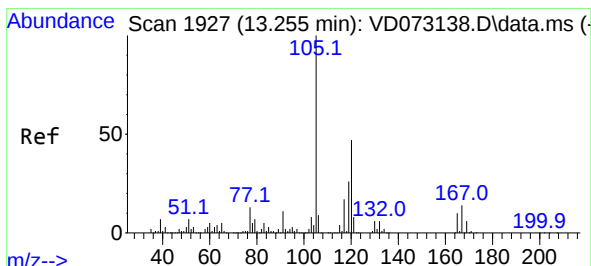
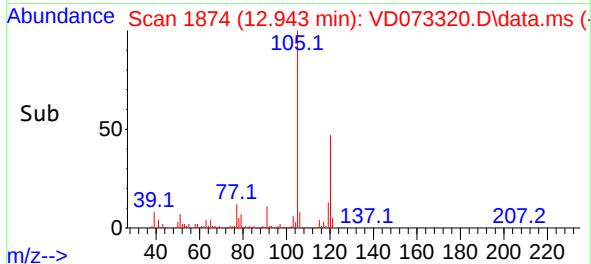
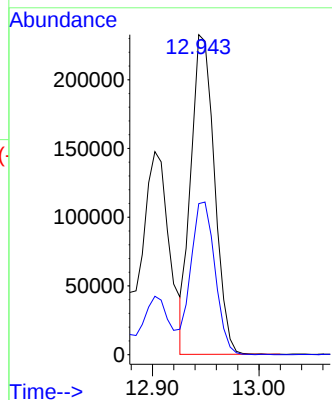
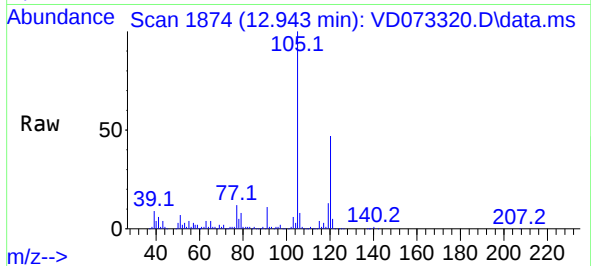




#80
1,3,5-Trimethylbenzene
Concen: 591.961 ug/l
RT: 12.943 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

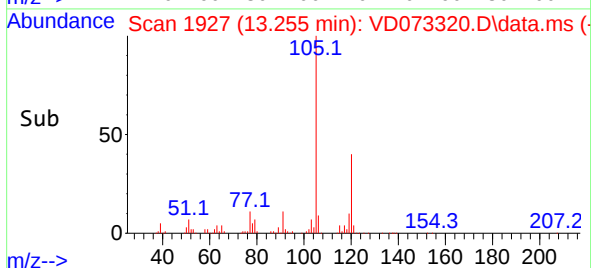
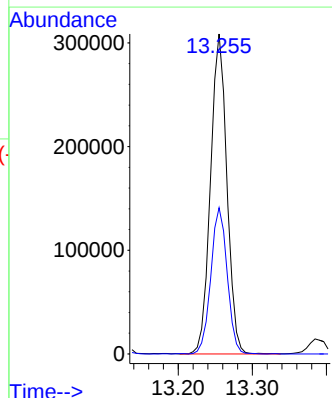
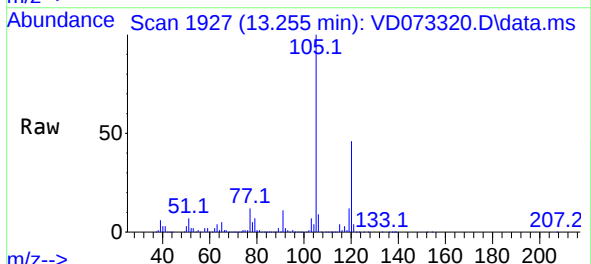
Instrument :
MSVOA_D
ClientSampleId :
BIN-4-SP-1

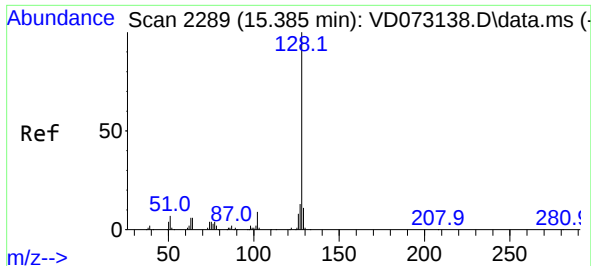
Tgt Ion:105 Resp: 356588
Ion Ratio Lower Upper
105 100
120 50.6 24.3 72.8



#84
1,2,4-Trimethylbenzene
Concen: 795.647 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073320.D
Acq: 24 May 2022 13:00

Tgt Ion:105 Resp: 473484
Ion Ratio Lower Upper
105 100
120 45.6 22.3 66.8





#95

Naphthalene

Concen: 604.134 ug/l

RT: 15.379 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD073320.D

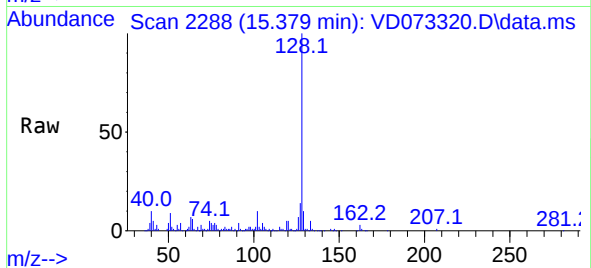
Acq: 24 May 2022 13:00

Instrument :

MSVOA_D

ClientSampleId :

BIN-4-SP-1



Tgt Ion:128 Resp: 210993

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 10.7 8.4 12.6

