

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062822\
 Data File : VD073747.D
 Acq On : 28 Jun 2022 13:02
 Operator : VA/SY
 Sample : N3455-13
 Misc : 5.54G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-EXC-2-3-GR

Quant Time: Jun 28 16:30:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062722S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 27 16:20:04 2022
 Response via : Initial Calibration

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

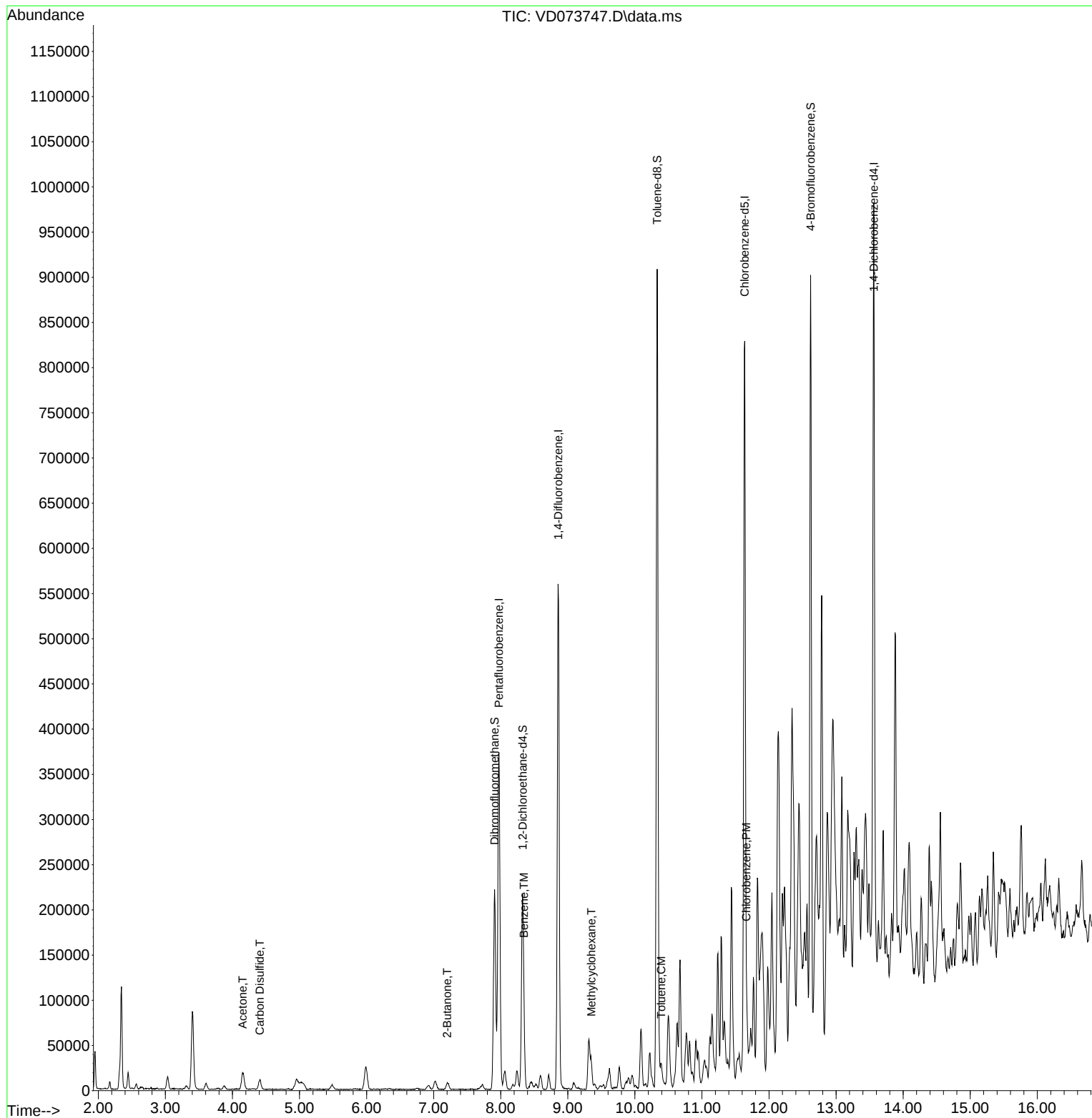
Internal Standards						
1) Pentafluorobenzene	7.973	168	265660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	482646	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	470623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	239845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	166603	79.282	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 158.560%	
35) Dibromofluoromethane	7.909	113	154781	55.573	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.140%	
50) Toluene-d8	10.332	98	597762	63.292	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 126.580%	
62) 4-Bromofluorobenzene	12.620	95	242315	62.302	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 124.600%	
Target Compounds						
					Qvalue	
16) Acetone	4.150	43	33367	79.046	ug/l	98
17) Carbon Disulfide	4.409	76	21997	6.427	ug/l #	94
25) 2-Butanone	7.203	43	10249	16.309	ug/l #	75
39) Methylcyclohexane	9.350	83	20581	5.835	ug/l	90
40) Benzene	8.344	78	42878	4.153	ug/l	96
52) Toluene	10.391	92	9212	1.327	ug/l	96
65) Chlorobenzene	11.661	112	11994	1.439	ug/l	92

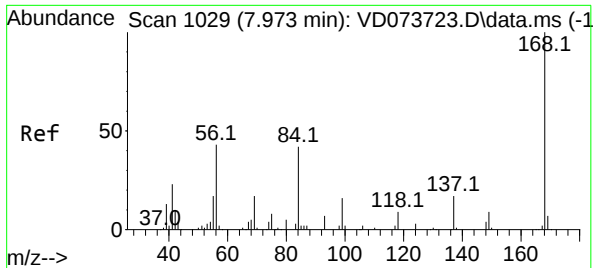
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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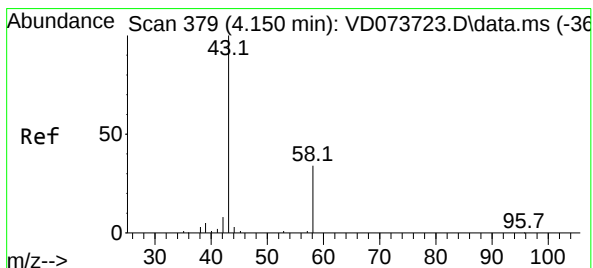
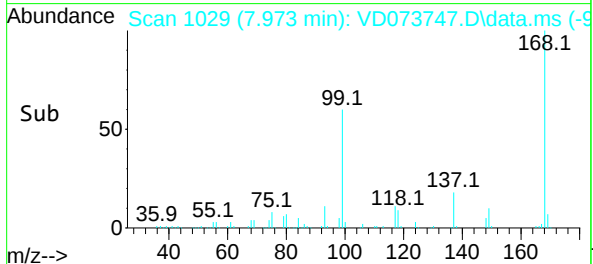
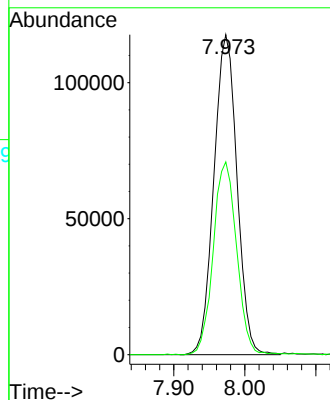
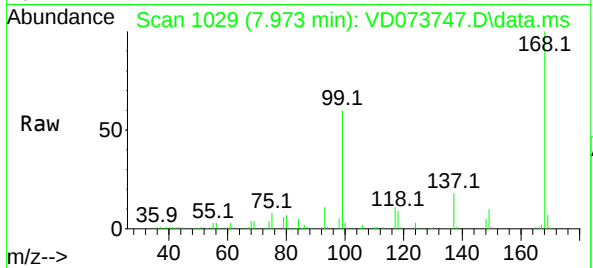




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073747.D
Acq: 28 Jun 2022 13:02

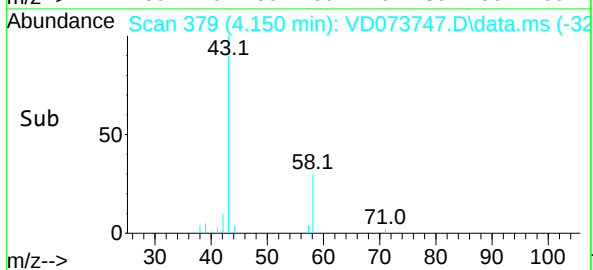
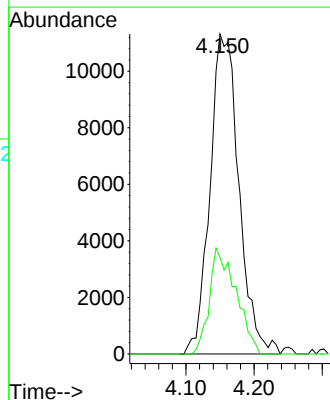
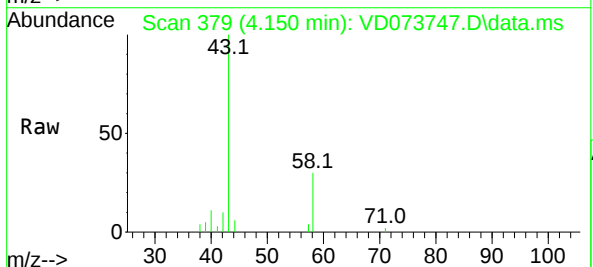
Instrument :
MSVOA_D
ClientSampleId :
SP-EXC-2-3-GR

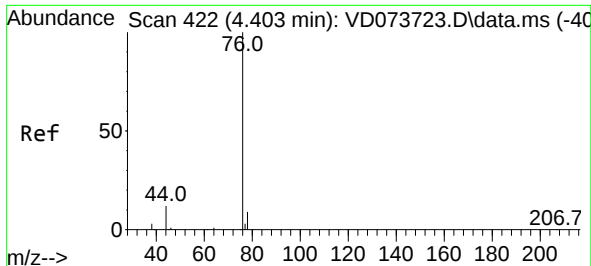
Tgt Ion:168 Resp: 265660
Ion Ratio Lower Upper
168 100
99 60.2 46.4 69.6



#16
Acetone
Concen: 79.046 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.000 min
Lab File: VD073747.D
Acq: 28 Jun 2022 13:02

Tgt Ion: 43 Resp: 33367
Ion Ratio Lower Upper
43 100
58 30.2 25.2 37.8

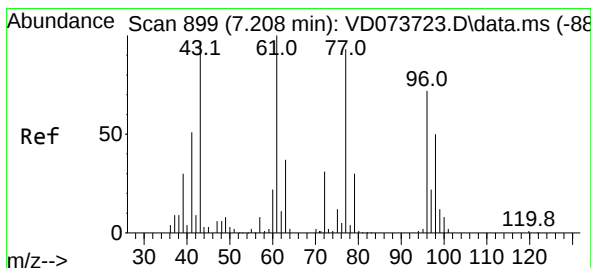
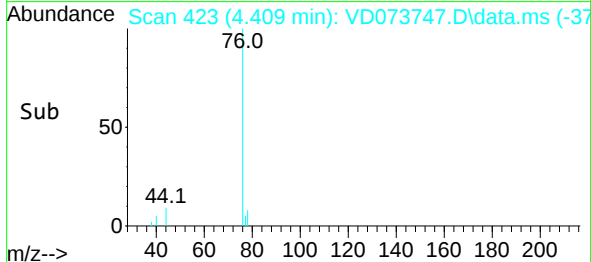
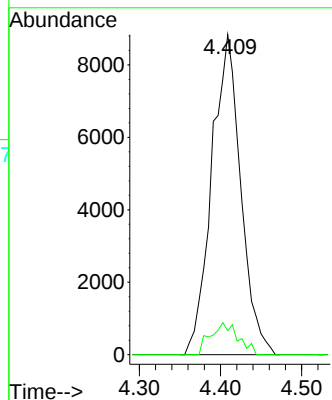
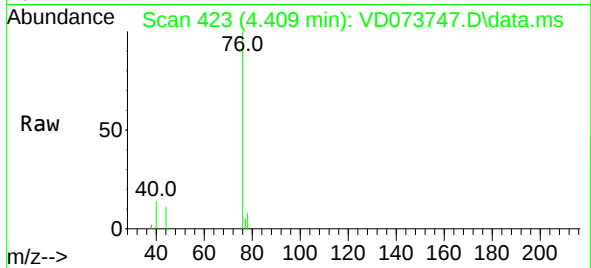




#17
Carbon Disulfide
Concen: 6.427 ug/l
RT: 4.409 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD073747.D
Acq: 28 Jun 2022 13:02

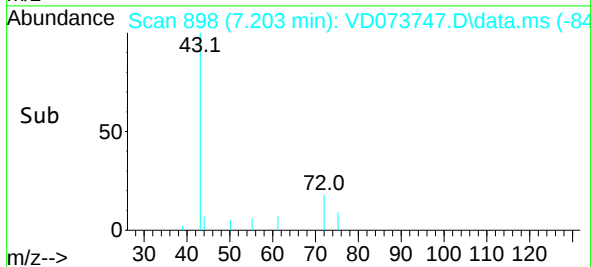
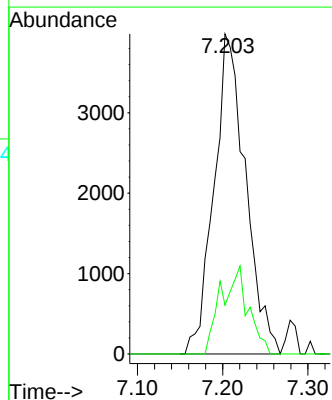
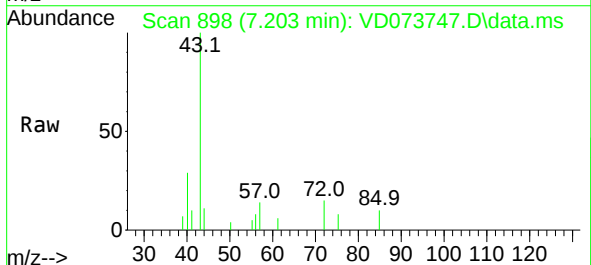
Instrument :
MSVOA_D
ClientSampleId :
SP-EXC-2-3-GR

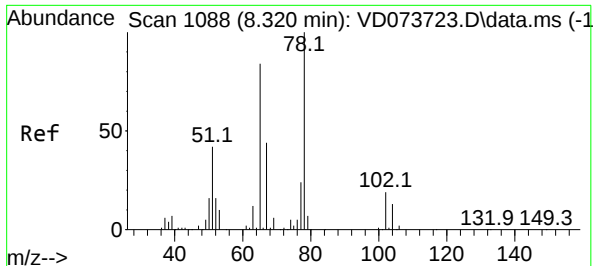
Tgt Ion: 76 Resp: 21997
Ion Ratio Lower Upper
76 100
78 7.5 7.7 11.5#



#25
2-Butanone
Concen: 16.309 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.005 min
Lab File: VD073747.D
Acq: 28 Jun 2022 13:02

Tgt Ion: 43 Resp: 10249
Ion Ratio Lower Upper
43 100
72 15.2 22.6 33.8#





#33

1,2-Dichloroethane-d4

Concen: 79.282 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VD073747.D

Acq: 28 Jun 2022 13:02

Instrument :

MSVOA_D

ClientSampleId :

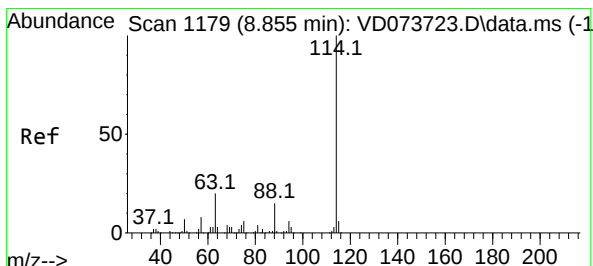
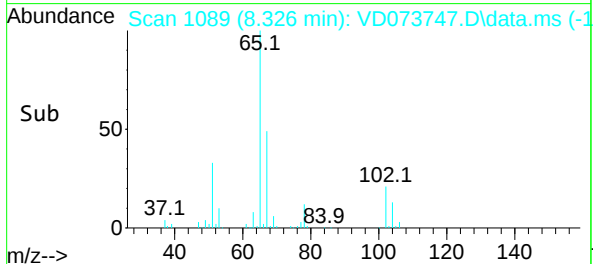
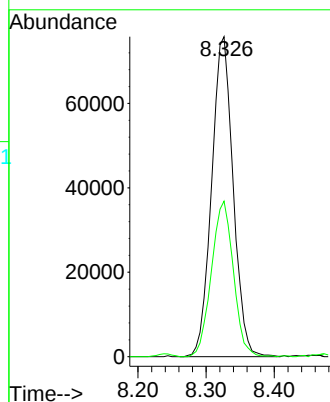
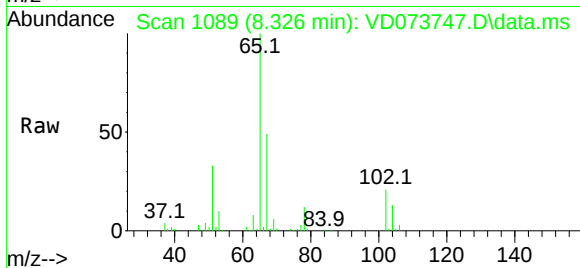
SP-EXC-2-3-GR

Tgt Ion: 65 Resp: 166603

Ion Ratio Lower Upper

65 100

67 49.6 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073747.D

Acq: 28 Jun 2022 13:02

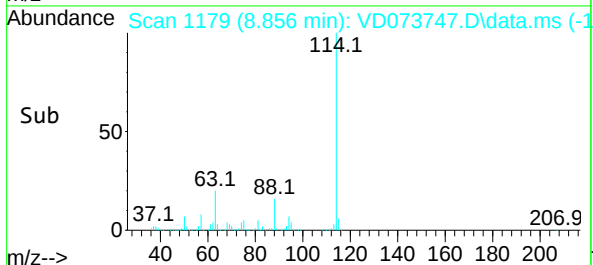
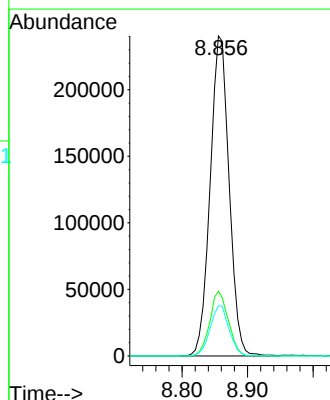
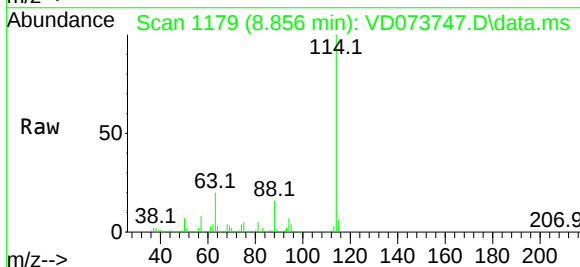
Tgt Ion: 114 Resp: 482646

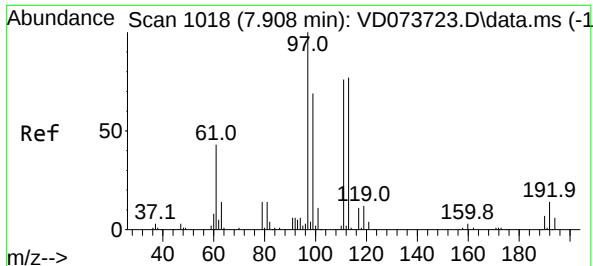
Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.2

88 15.7 0.0 29.4

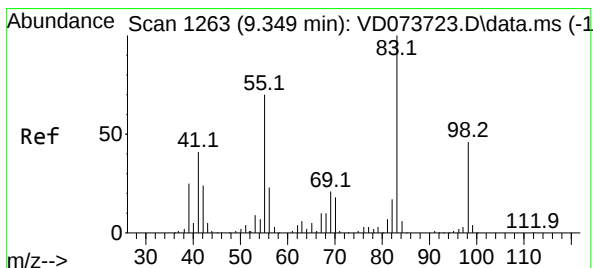
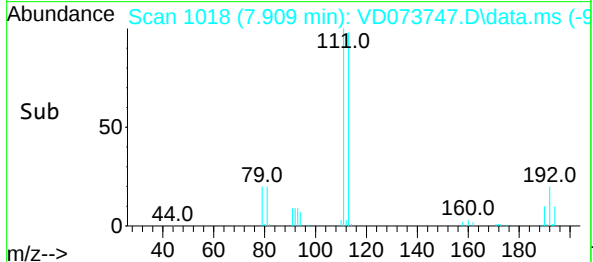
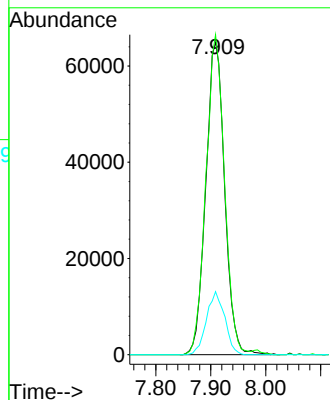
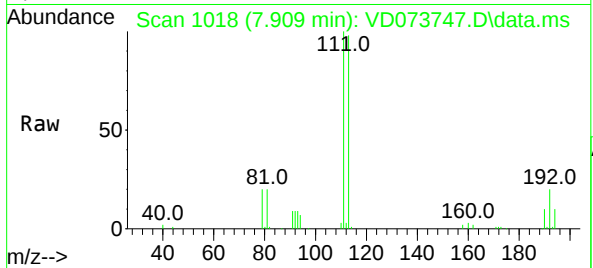




#35
Dibromofluoromethane
Concen: 55.573 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.001 min
Lab File: VD073747.D
Acq: 28 Jun 2022 13:02

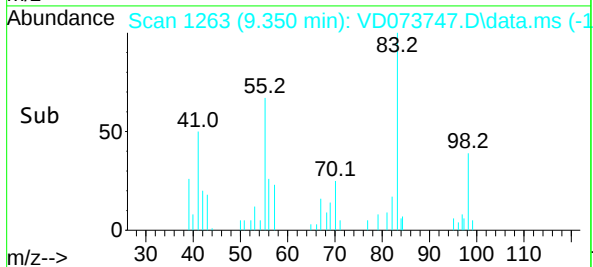
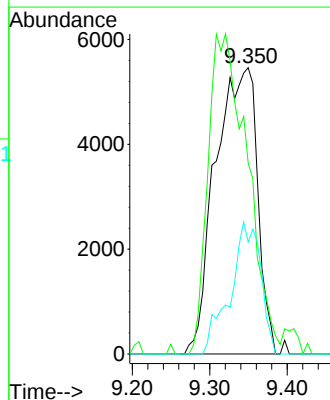
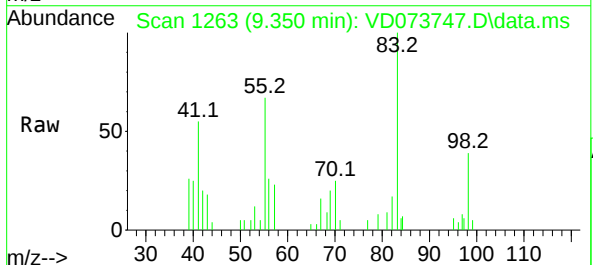
Instrument :
MSVOA_D
ClientSampleId :
SP-EXC-2-3-GR

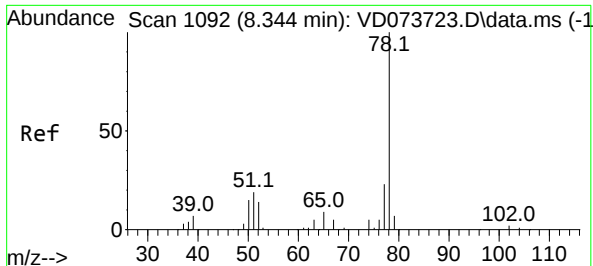
Tgt Ion:113 Resp: 154781
Ion Ratio Lower Upper
113 100
111 100.8 81.8 122.6
192 19.6 14.8 22.2



#39
Methylcyclohexane
Concen: 5.835 ug/l
RT: 9.350 min Scan# 1263
Delta R.T. 0.001 min
Lab File: VD073747.D
Acq: 28 Jun 2022 13:02

Tgt Ion: 83 Resp: 20581
Ion Ratio Lower Upper
83 100
55 66.7 59.0 88.4
98 39.1 38.3 57.5

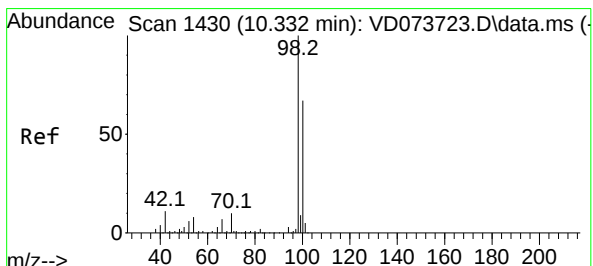
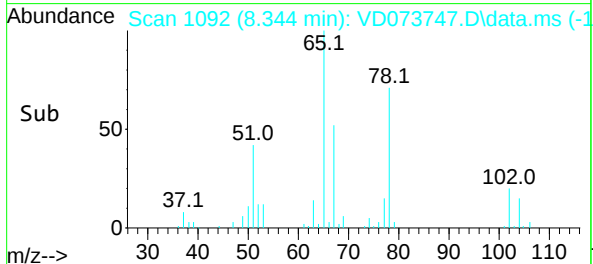
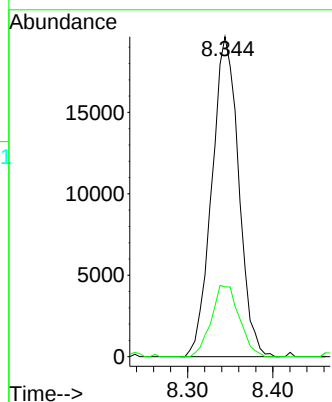
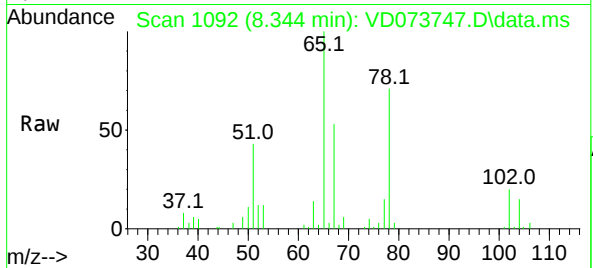




#40
Benzene
Concen: 4.153 ug/l
RT: 8.344 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD073747.D
Acq: 28 Jun 2022 13:02

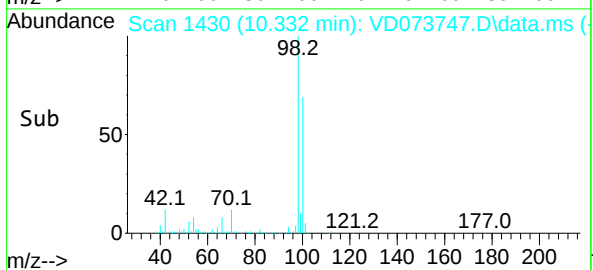
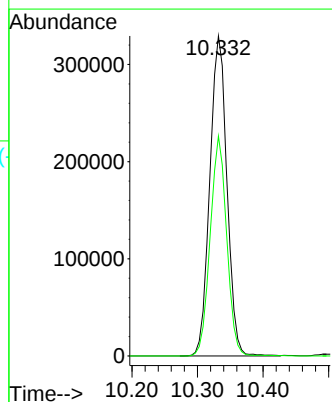
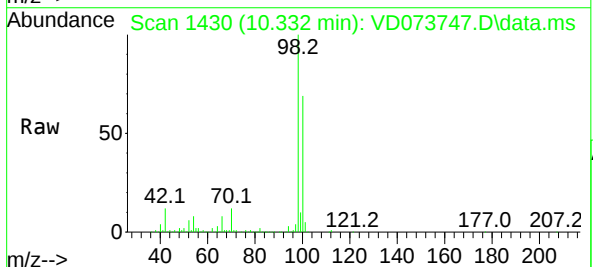
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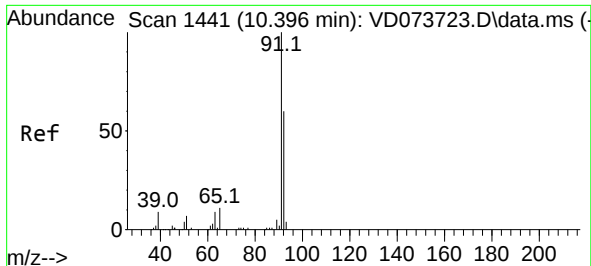
Tgt Ion: 78 Resp: 42878
Ion Ratio Lower Upper
78 100
77 21.8 19.0 28.4



#50
Toluene-d8
Concen: 63.292 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073747.D
Acq: 28 Jun 2022 13:02

Tgt Ion: 98 Resp: 597762
Ion Ratio Lower Upper
98 100
100 66.2 54.0 81.0

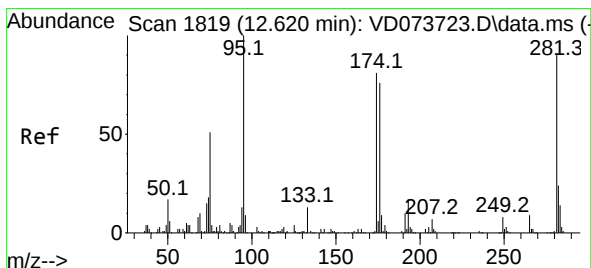
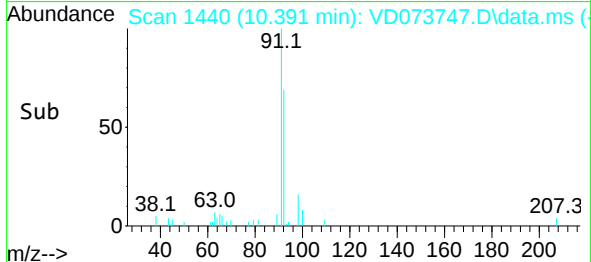
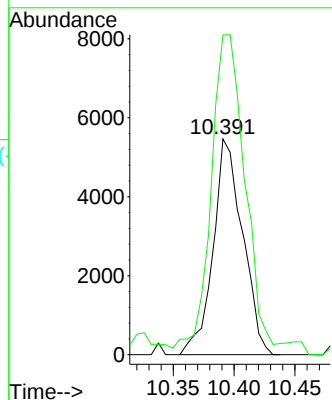
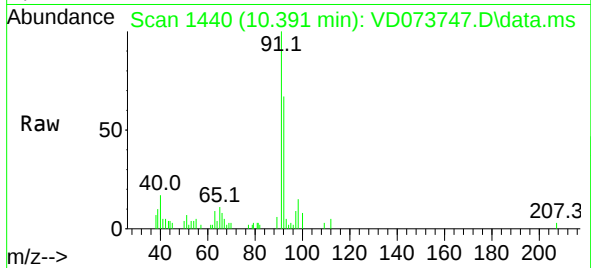




#52
Toluene
Concen: 1.327 ug/l
RT: 10.391 min Scan# 1441
Delta R.T. -0.005 min
Lab File: VD073747.D
Acq: 28 Jun 2022 13:02

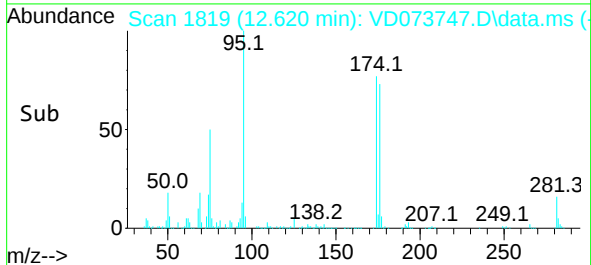
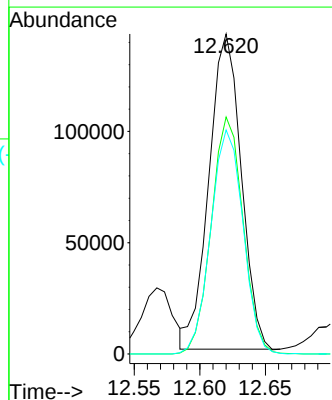
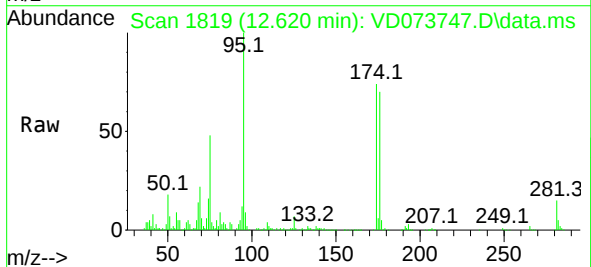
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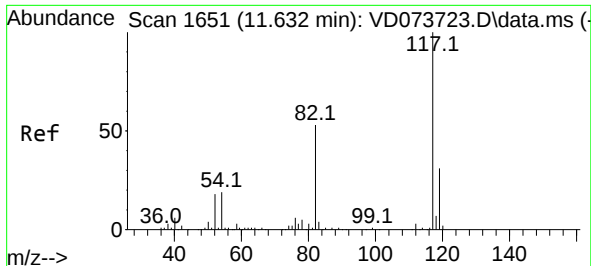
Tgt Ion: 92 Resp: 9212
Ion Ratio Lower Upper
92 100
91 164.7 136.1 204.1



#62
4-Bromofluorobenzene
Concen: 62.302 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073747.D
Acq: 28 Jun 2022 13:02

Tgt Ion: 95 Resp: 242315
Ion Ratio Lower Upper
95 100
174 73.9 0.0 158.4
176 71.2 0.0 154.8

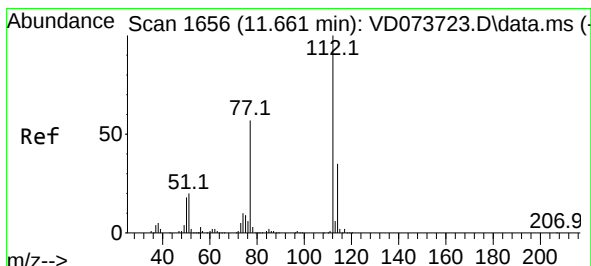
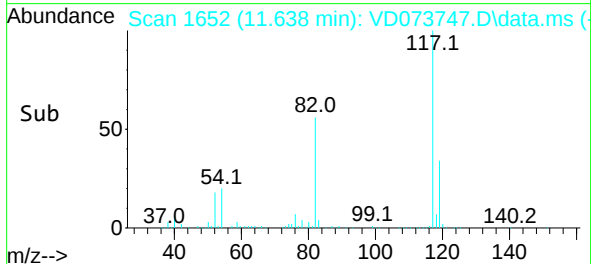
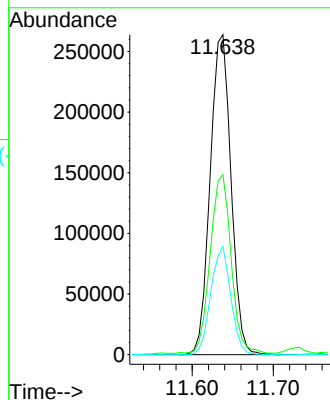
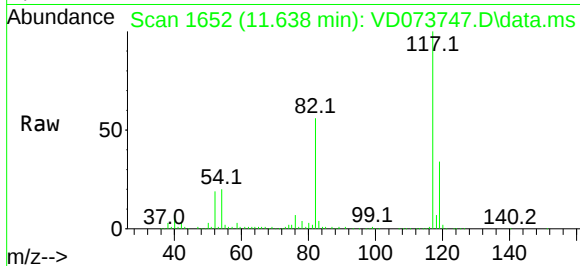




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD073747.D
Acq: 28 Jun 2022 13:02

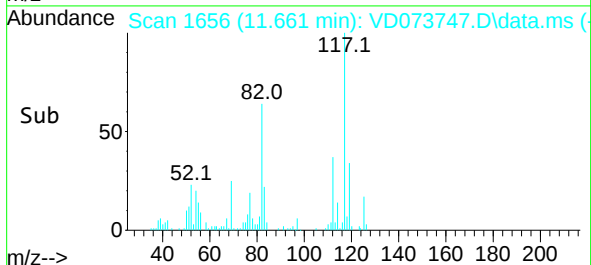
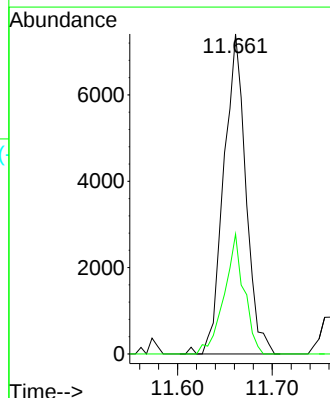
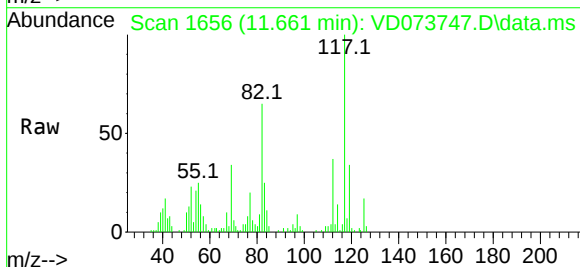
Instrument :
MSVOA_D
ClientSampleId :
SP-EXC-2-3-GR

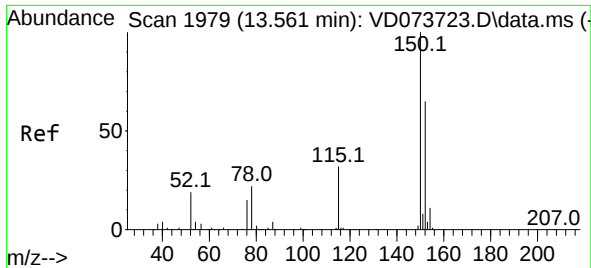
Tgt Ion:117 Resp: 470623
Ion Ratio Lower Upper
117 100
82 55.6 41.5 62.3
119 33.8 27.1 40.7



#65
Chlorobenzene
Concen: 1.439 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073747.D
Acq: 28 Jun 2022 13:02

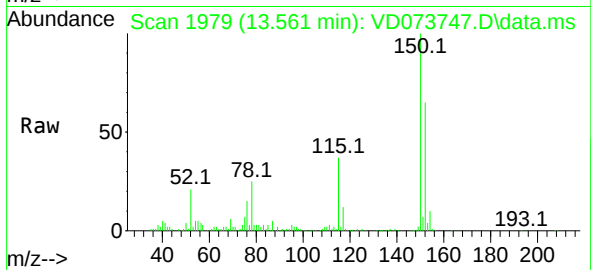
Tgt Ion:112 Resp: 11994
Ion Ratio Lower Upper
112 100
114 37.5 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073747.D
 Acq: 28 Jun 2022 13:02

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-EXC-2-3-GR



Tgt Ion:152 Resp: 239845
 Ion Ratio Lower Upper
 152 100
 115 57.5 30.6 91.6
 150 152.0 0.0 355.0

