

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102721\
 Data File : VD070857.D
 Acq On : 27 Oct 2021 11:53
 Operator : VA/SY
 Sample : M4325-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RED-BOX-1-225057

Quant Time: Oct 28 03:53:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

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

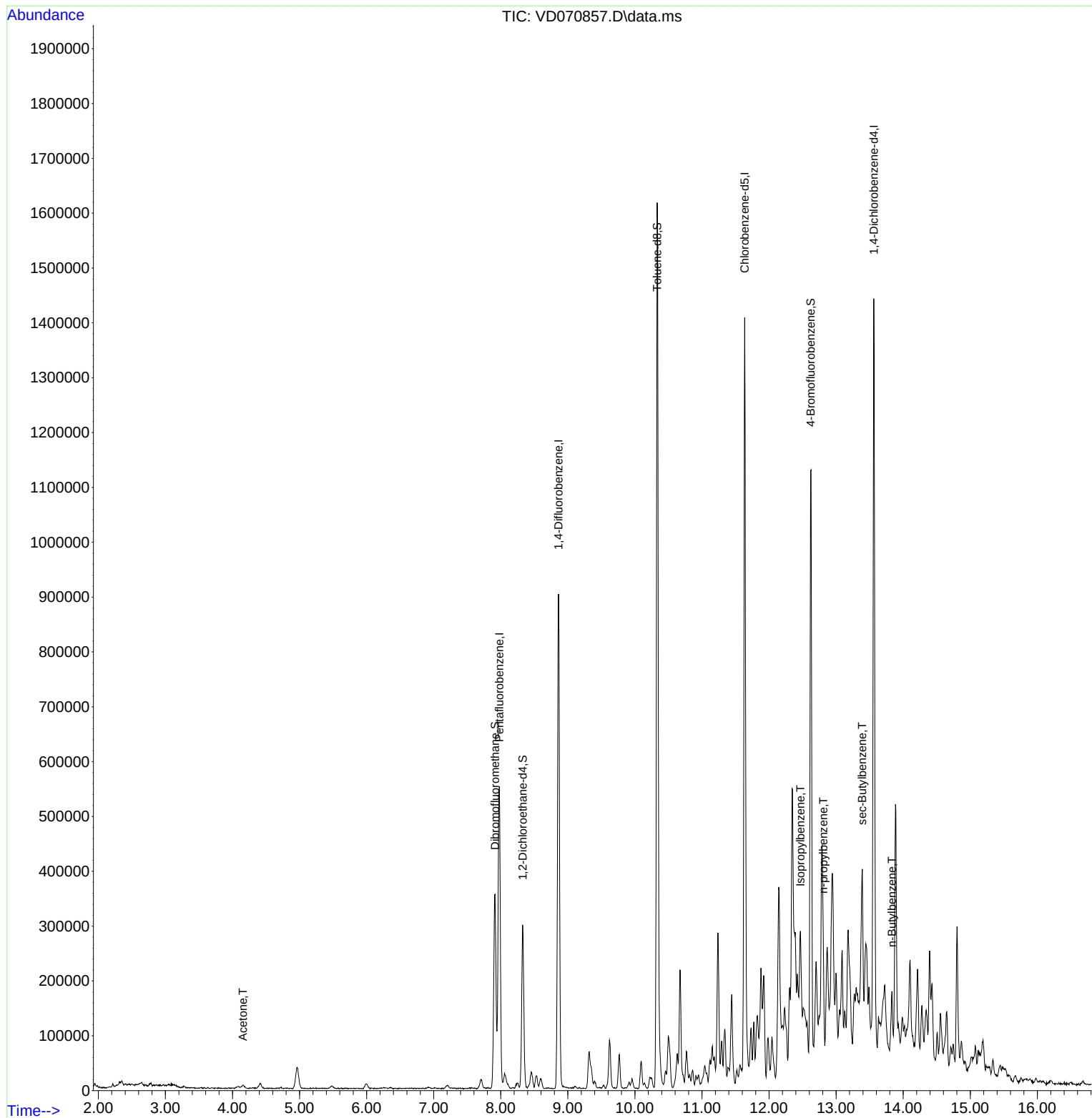
Internal Standards						
1) Pentafluorobenzene	7.979	168	418163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	787716	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	816594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	373280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	221073	52.565	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 105.140%		
35) Dibromofluoromethane	7.914	113	260271	50.112	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 100.220%		
50) Toluene-d8	10.332	98	1065438	54.526	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery	= 109.060%		
62) 4-Bromofluorobenzene	12.620	95	372424	57.766	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery	= 115.540%		
Target Compounds						Qvalue
16) Acetone	4.156	43	9975	10.195	ug/l	89
73) Isopropylbenzene	12.467	105	100936	4.054	ug/l	98
78) n-propylbenzene	12.808	91	102994	3.223	ug/l	97
85) sec-Butylbenzene	13.390	105	149047	5.363	ug/l #	72
89) n-Butylbenzene	13.832	91	42041	1.919	ug/l	96

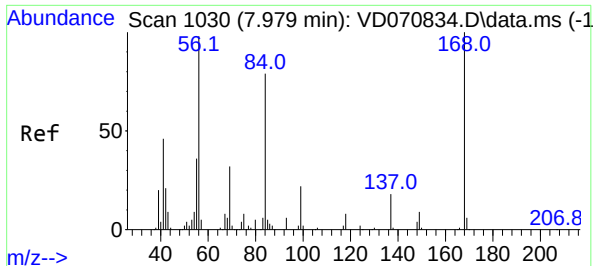
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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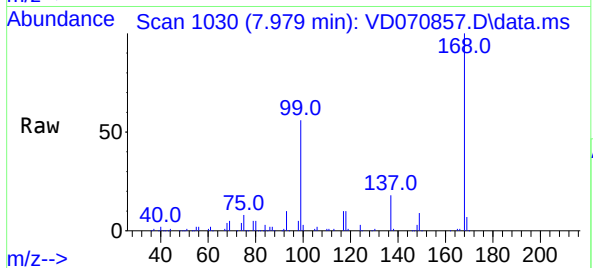
Quant Time: Oct 28 03:53:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 27 05:34:47 2021
Response via : Initial Calibration



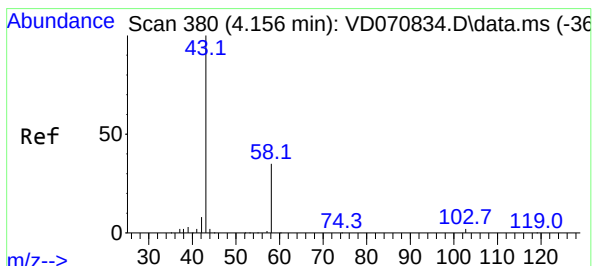
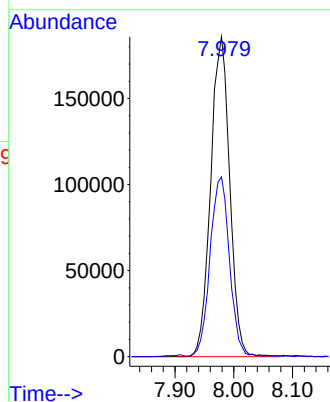
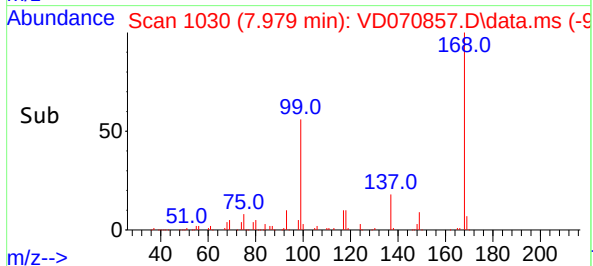


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070857.D
Acq: 27 Oct 2021 11:53

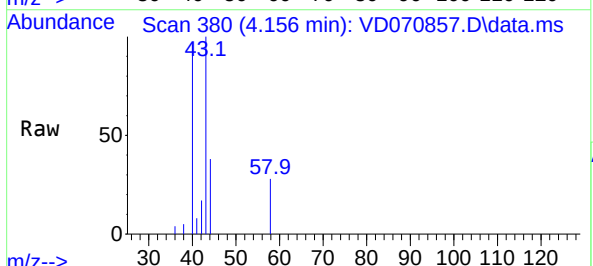
Instrument :
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RED-BOX-1-225057



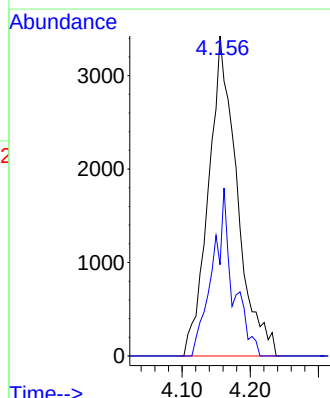
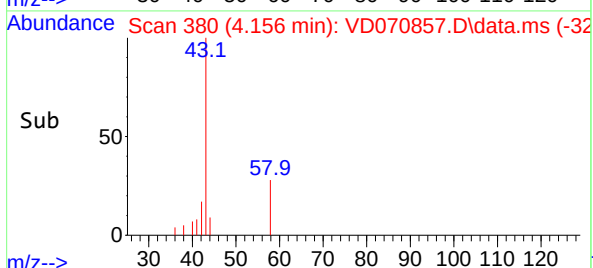
Tgt Ion:168 Resp: 418163
Ion Ratio Lower Upper
168 100
99 56.0 46.6 69.8

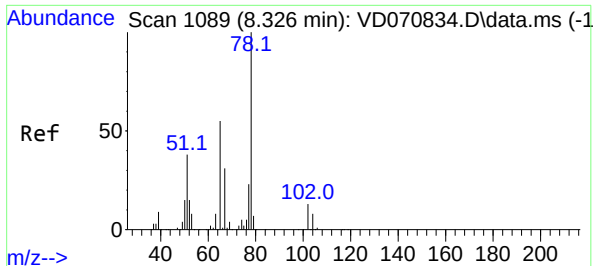


#16
Acetone
Concen: 10.195 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD070857.D
Acq: 27 Oct 2021 11:53



Tgt Ion: 43 Resp: 9975
Ion Ratio Lower Upper
43 100
58 28.5 27.8 41.8



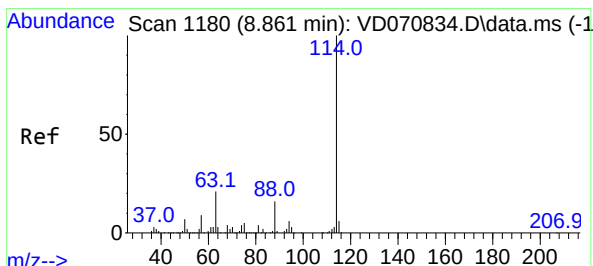
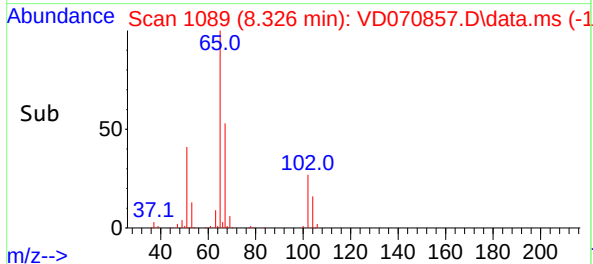
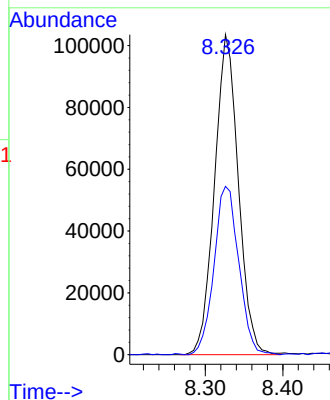
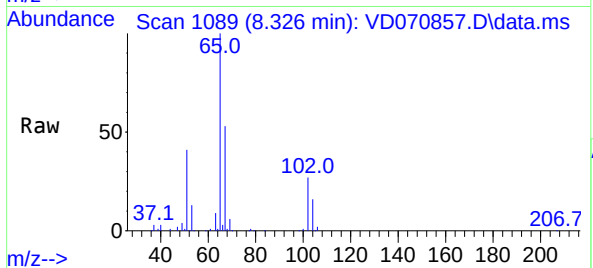


#33

1,2-Dichloroethane-d4
Concen: 52.565 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070857.D
Acq: 27 Oct 2021 11:53

Instrument :
MSVOA_D
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RED-BOX-1-225057

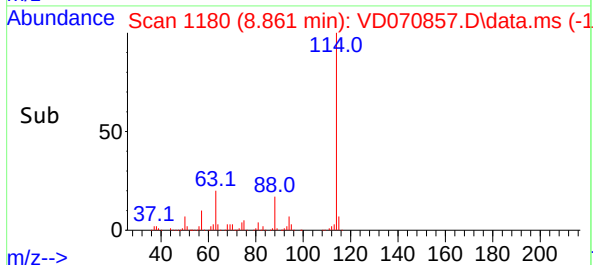
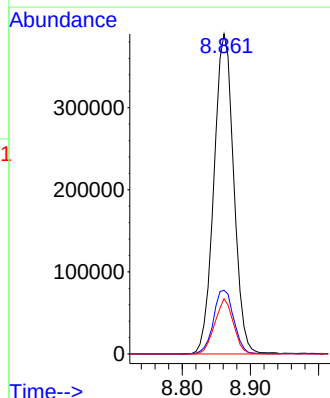
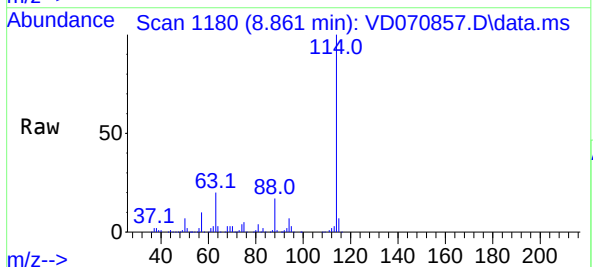
Tgt Ion: 65 Resp: 221073
Ion Ratio Lower Upper
65 100
67 54.7 0.0 112.2

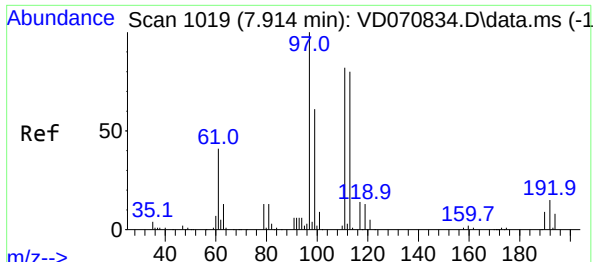


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070857.D
Acq: 27 Oct 2021 11:53

Tgt Ion: 114 Resp: 787716
Ion Ratio Lower Upper
114 100
63 19.9 0.0 41.8
88 17.2 0.0 32.8

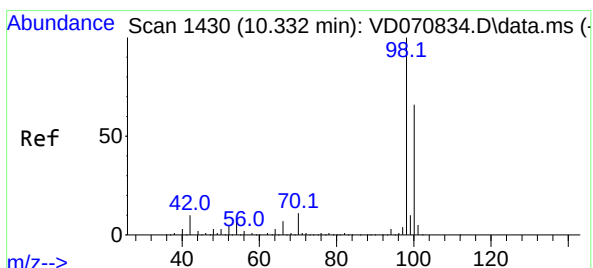
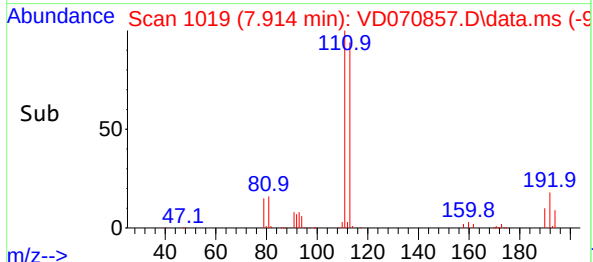
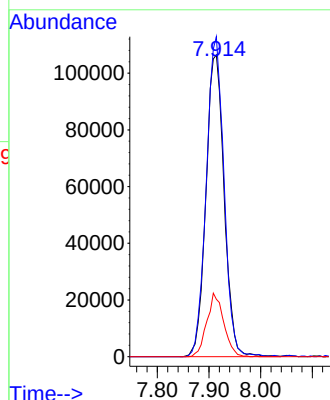
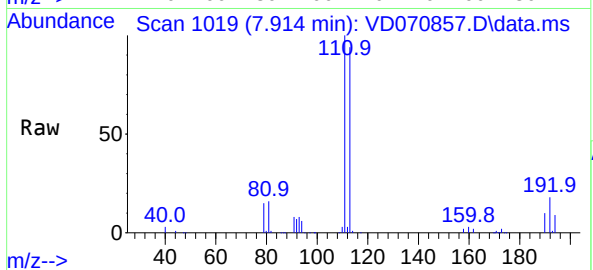




#35
Dibromofluoromethane
Concen: 50.112 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070857.D
Acq: 27 Oct 2021 11:53

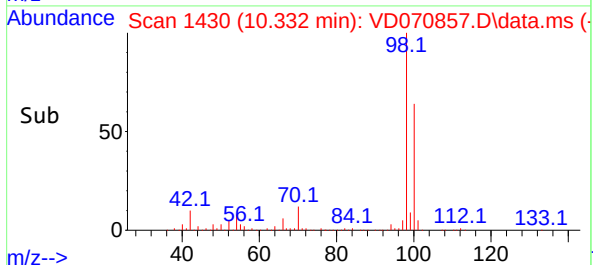
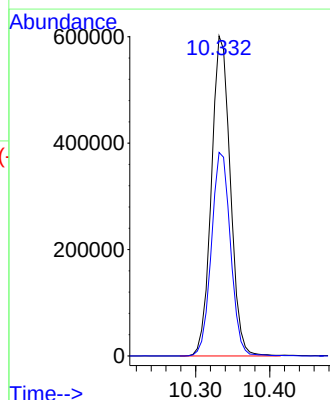
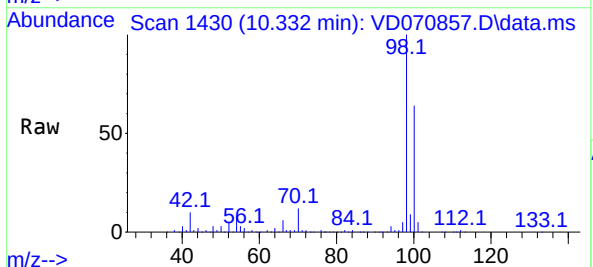
Instrument :
MSVOA_D
ClientSampleId :
RED-BOX-1-225057

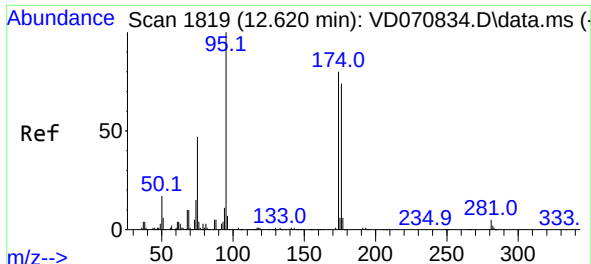
Tgt Ion:113 Resp: 260271
Ion Ratio Lower Upper
113 100
111 103.1 82.0 123.0
192 19.6 15.2 22.8



#50
Toluene-d8
Concen: 54.526 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070857.D
Acq: 27 Oct 2021 11:53

Tgt Ion: 98 Resp: 1065438
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6

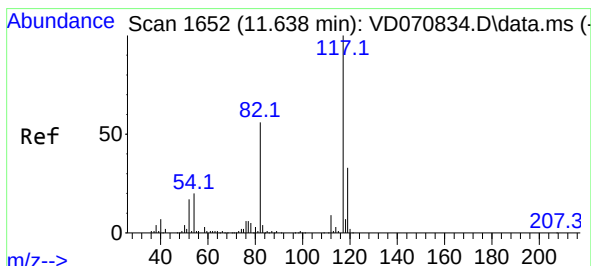
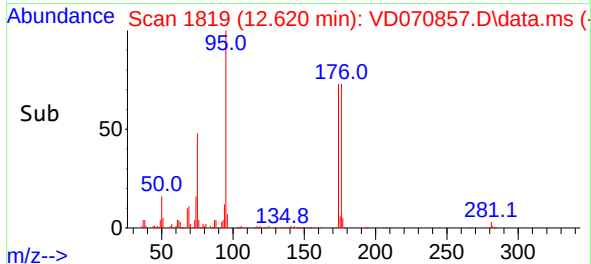
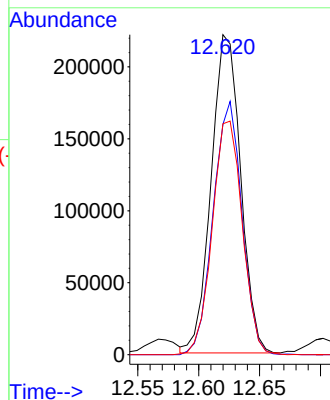
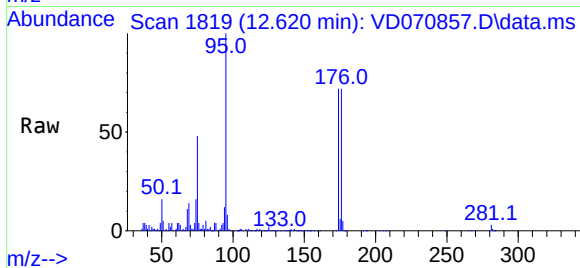




#62
4-Bromofluorobenzene
Concen: 57.766 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070857.D
Acq: 27 Oct 2021 11:53

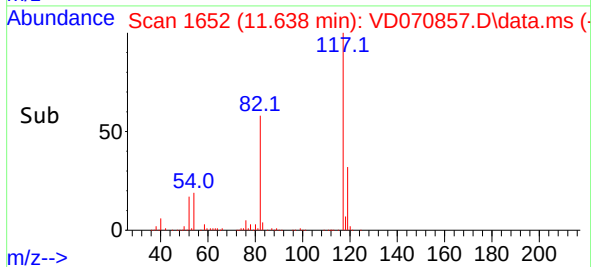
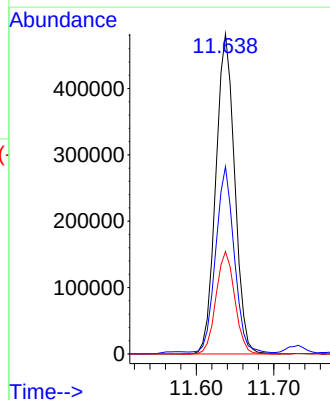
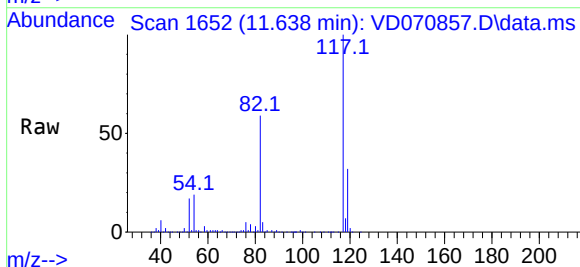
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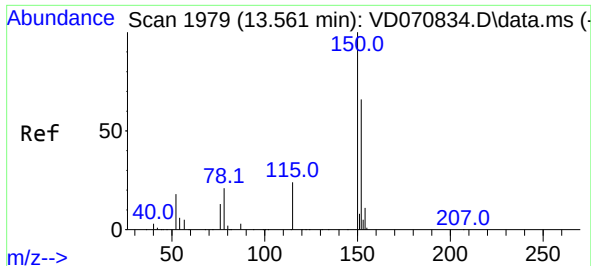
Tgt Ion: 95 Resp: 372424
Ion Ratio Lower Upper
95 100
174 77.9 0.0 159.4
176 74.9 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070857.D
Acq: 27 Oct 2021 11:53

Tgt Ion:117 Resp: 816594
Ion Ratio Lower Upper
117 100
82 57.9 44.7 67.1
119 32.0 26.2 39.4

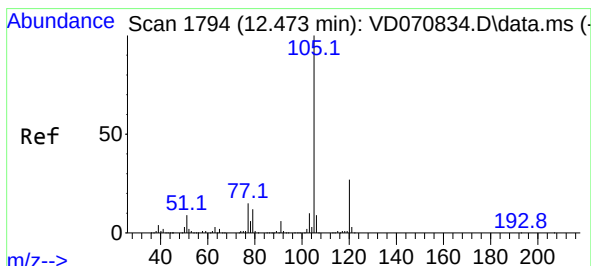
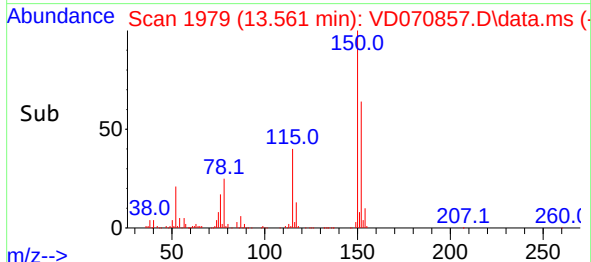
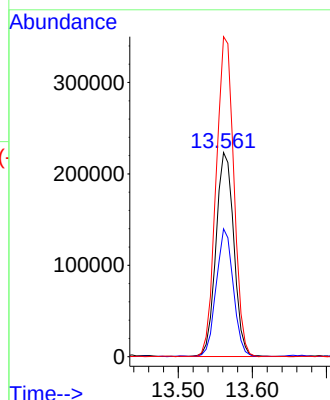
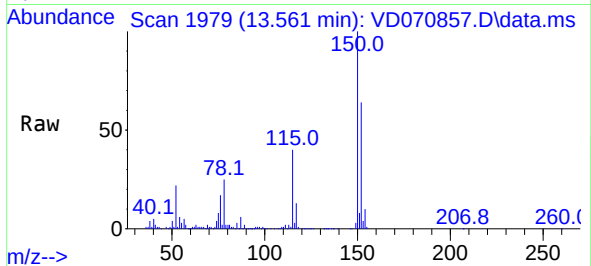




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070857.D
Acq: 27 Oct 2021 11:53

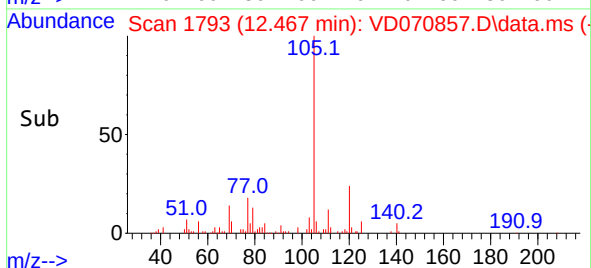
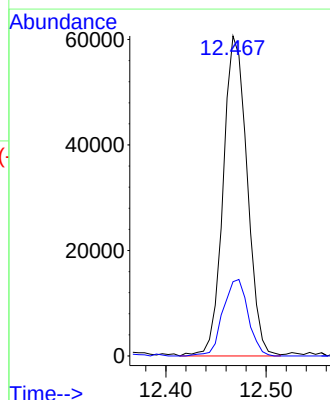
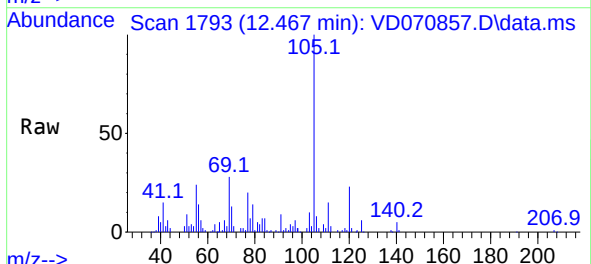
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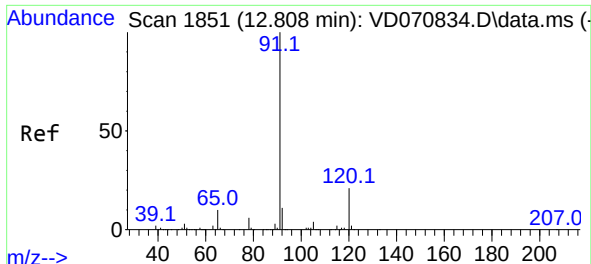
Tgt Ion:152 Resp: 373280
Ion Ratio Lower Upper
152 100
115 60.0 29.8 89.3
150 156.3 0.0 349.2



#73
Isopropylbenzene
Concen: 4.054 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD070857.D
Acq: 27 Oct 2021 11:53

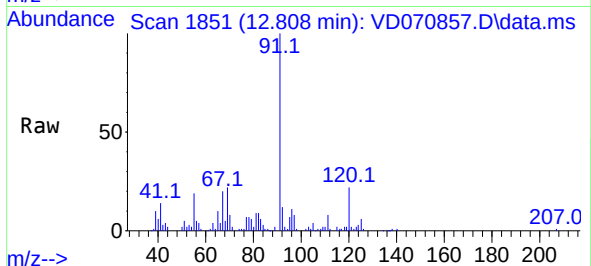
Tgt Ion:105 Resp: 100936
Ion Ratio Lower Upper
105 100
120 25.0 13.2 39.5



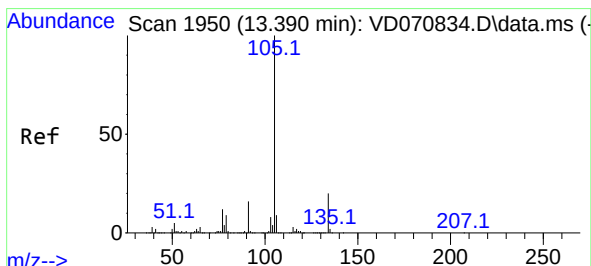
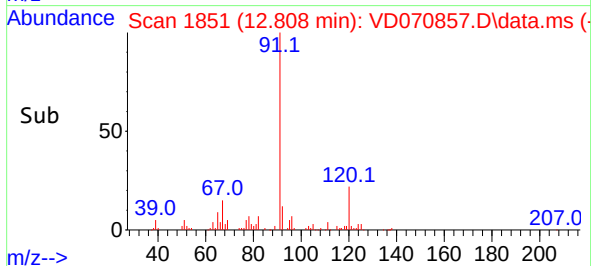
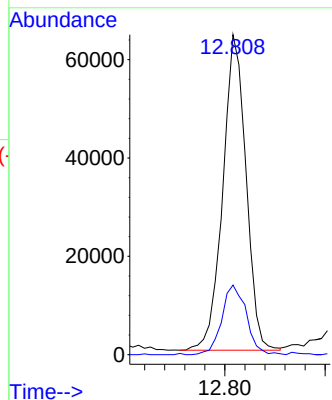


#78
n-propylbenzene
Concen: 3.223 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD070857.D
Acq: 27 Oct 2021 11:53

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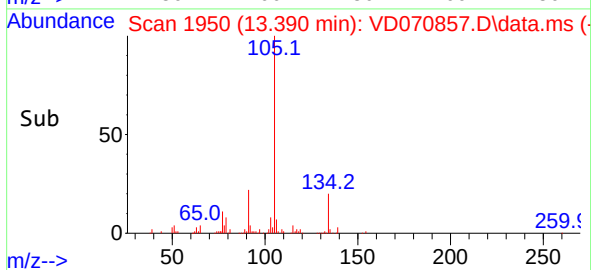
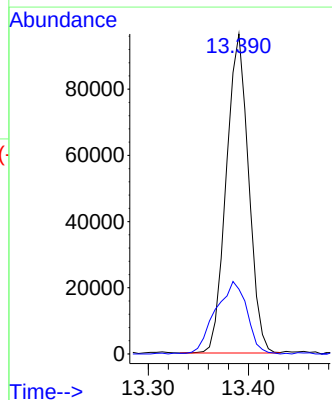
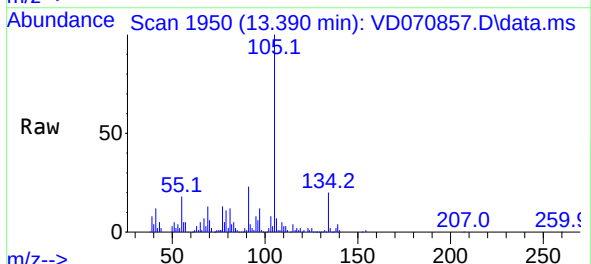


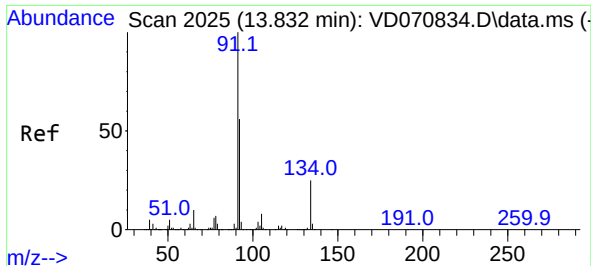
Tgt Ion: 91 Resp: 102994
Ion Ratio Lower Upper
91 100
120 23.3 10.9 32.9



#85
sec-Butylbenzene
Concen: 5.363 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VD070857.D
Acq: 27 Oct 2021 11:53

Tgt Ion: 105 Resp: 149047
Ion Ratio Lower Upper
105 100
134 32.2 9.7 28.9#





#89
n-Butylbenzene
Concen: 1.919 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD070857.D
Acq: 27 Oct 2021 11:53

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:	91	Resp:	42041
Ion	Ratio	Lower	Upper
91	100		
92	53.8	27.3	81.9
134	30.1	12.3	36.9

