

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102721\
 Data File : VD070873.D
 Acq On : 27 Oct 2021 19:35
 Operator : VA/SY
 Sample : M4372-09
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5

Quant Time: Oct 28 03:59:59 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)

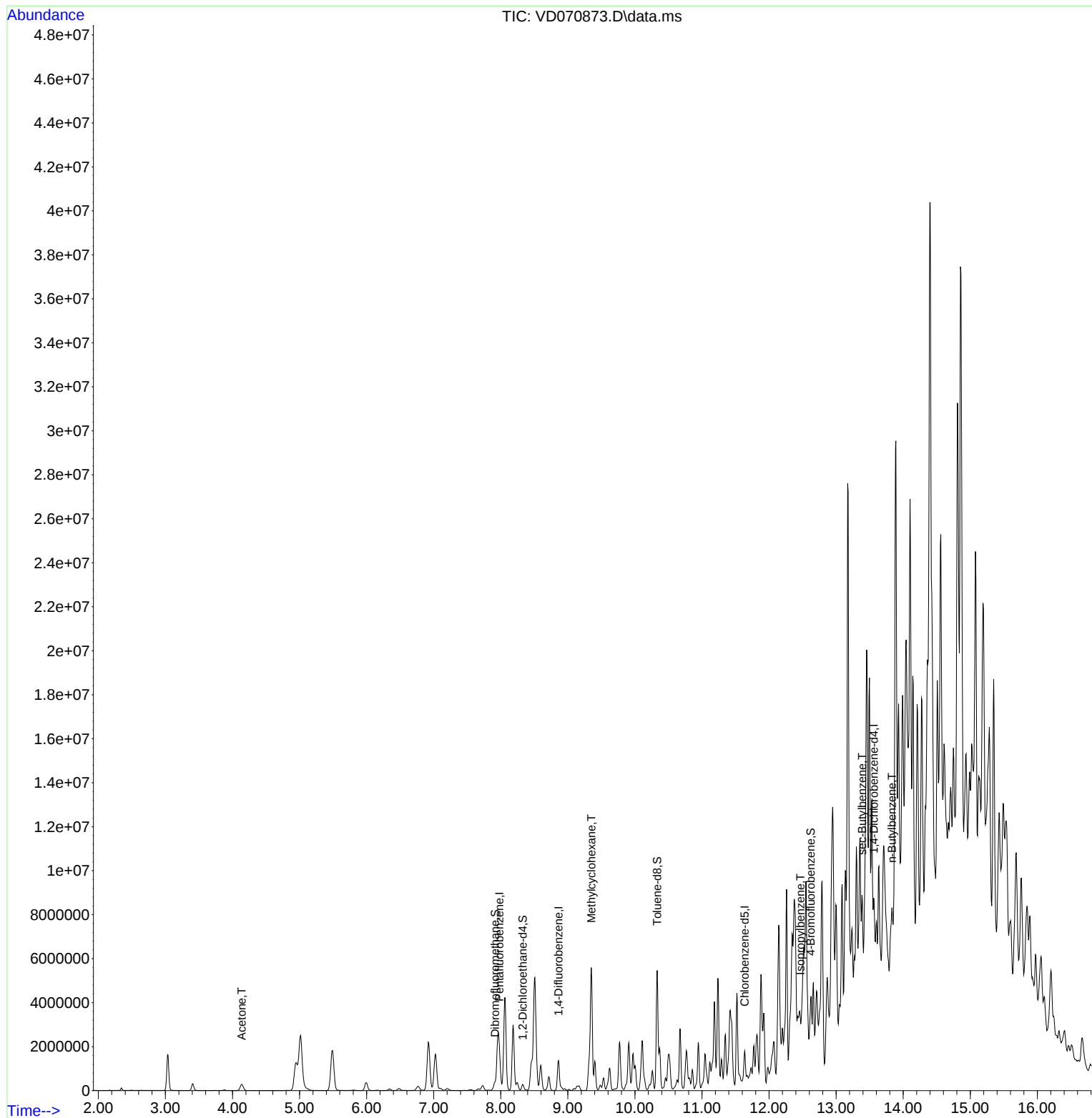
Internal Standards						
1) Pentafluorobenzene	7.979	168	558885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	866019	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	784178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	451297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	198671	35.344	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	70.680%		
35) Dibromofluoromethane	7.914	113	253277	44.356	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	88.720%		
50) Toluene-d8	10.332	98	1309882	60.975	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	121.940%		
62) 4-Bromofluorobenzene	12.620	95	597002	84.227	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	168.460%#		
Target Compounds						Qvalue
16) Acetone	4.138	43	179987	137.633	ug/l #	52
39) Methylcyclohexane	9.349	83	2237079	214.558	ug/l	96
73) Isopropylbenzene	12.467	105	158908	5.279	ug/l	100
85) sec-Butylbenzene	13.390	105	749544	22.308	ug/l #	65
89) n-Butylbenzene	13.832	91	822691	31.062	ug/l #	81

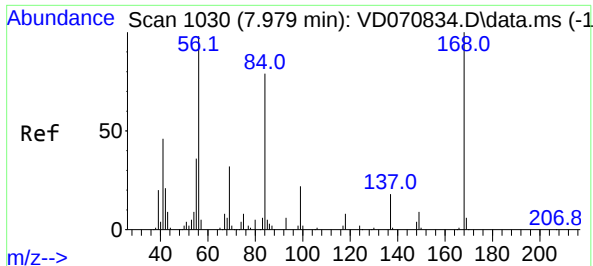
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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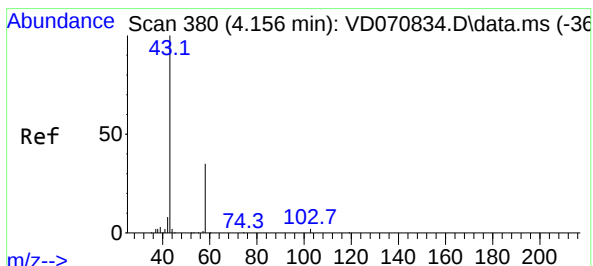
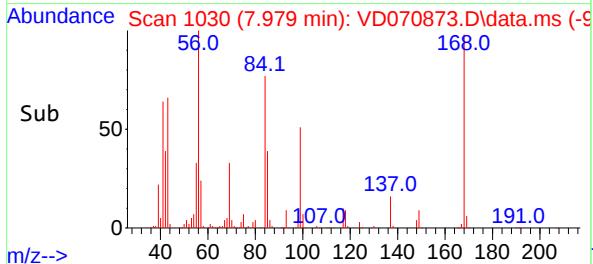
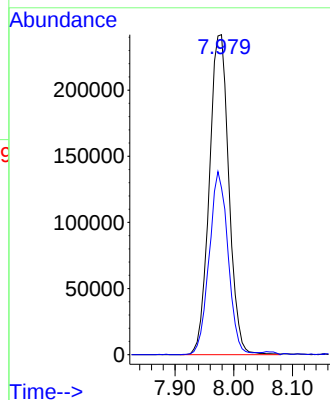
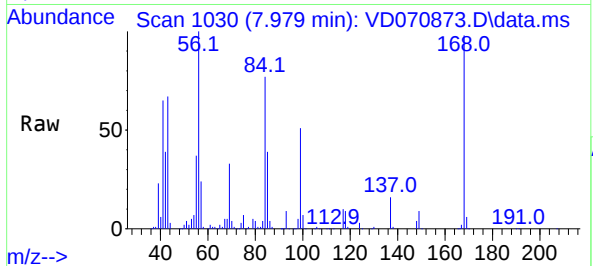




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

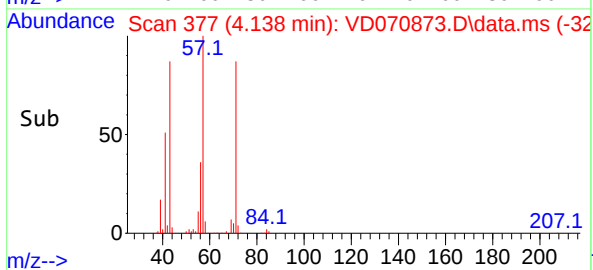
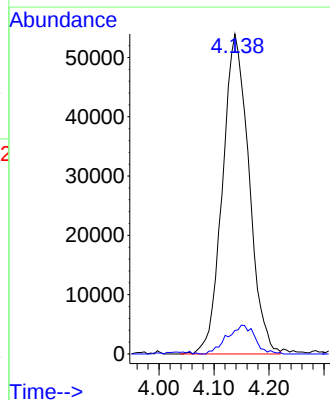
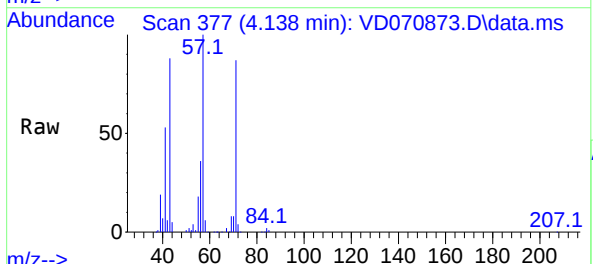
Instrument :
MSVOA_D
ClientSampleId :
SB-5

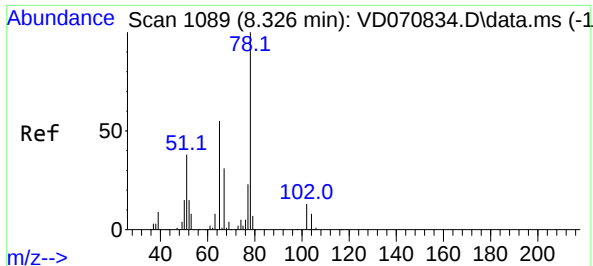
Tgt Ion:168 Resp: 558885
Ion Ratio Lower Upper
168 100
99 52.1 46.6 69.8



#16
Acetone
Concen: 137.633 ug/l
RT: 4.138 min Scan# 377
Delta R.T. -0.018 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

Tgt Ion: 43 Resp: 179987
Ion Ratio Lower Upper
43 100
58 6.9 27.8 41.8#

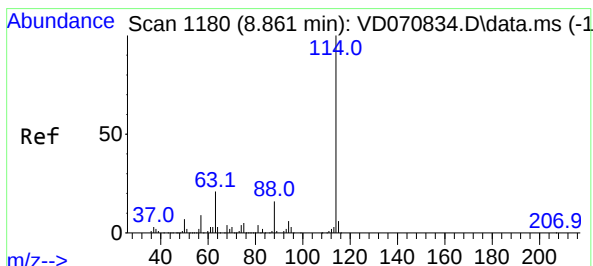
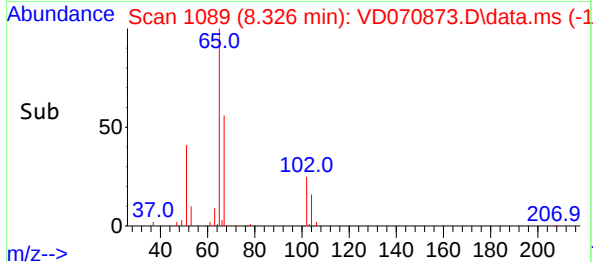
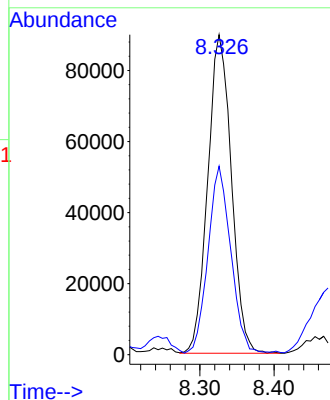
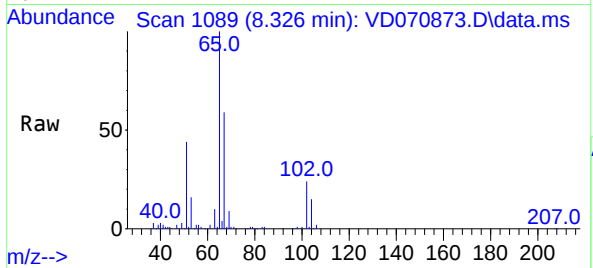




#33
1,2-Dichloroethane-d4
Concen: 35.344 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

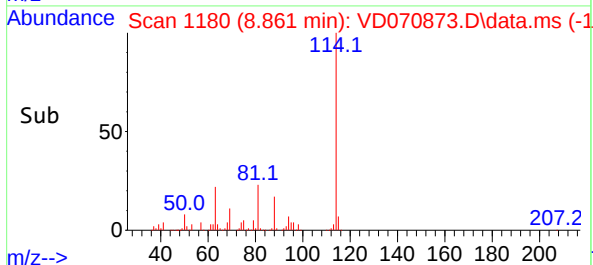
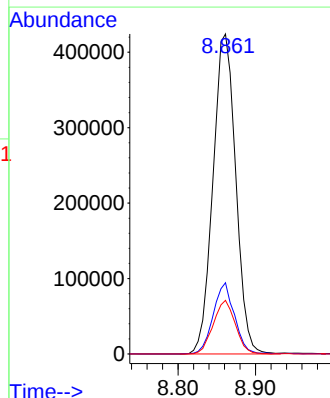
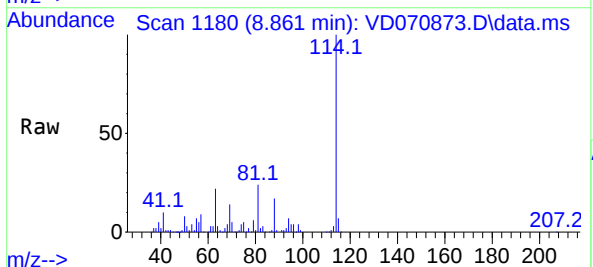
Instrument :
MSVOA_D
ClientSampleId :
SB-5

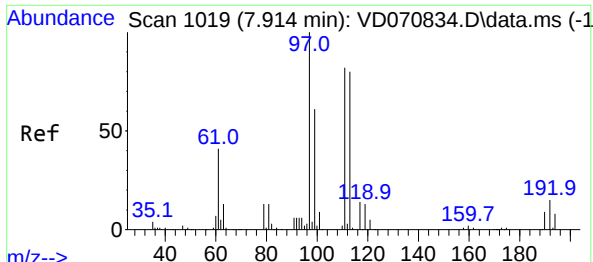
Tgt Ion: 65 Resp: 198671
Ion Ratio Lower Upper
65 100
67 56.4 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

Tgt Ion:114 Resp: 866019
Ion Ratio Lower Upper
114 100
63 22.3 0.0 41.8
88 16.8 0.0 32.8



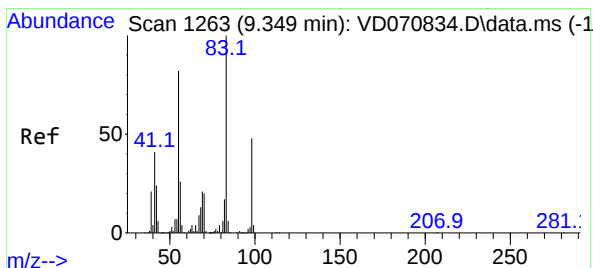
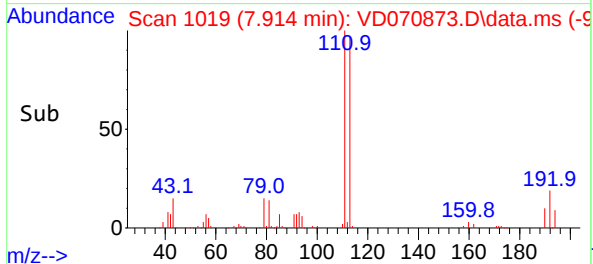
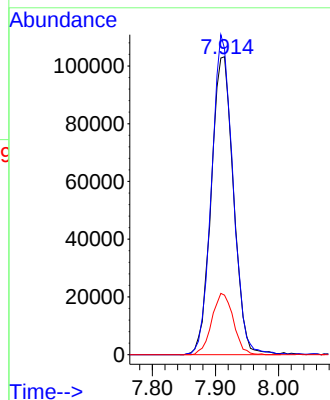
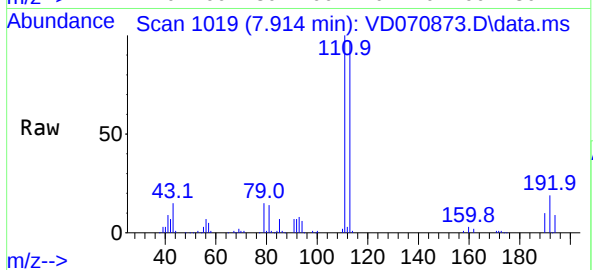


#35
Dibromofluoromethane
Concen: 44.356 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

Instrument :
MSVOA_D
ClientSampleId :
SB-5

Tgt Ion:113 Resp: 253277

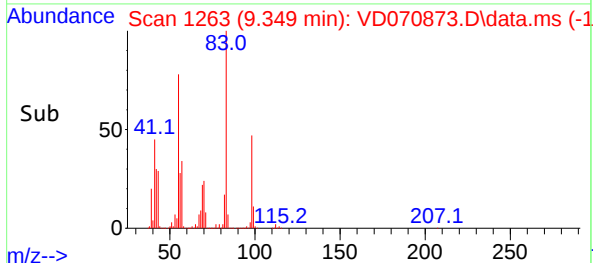
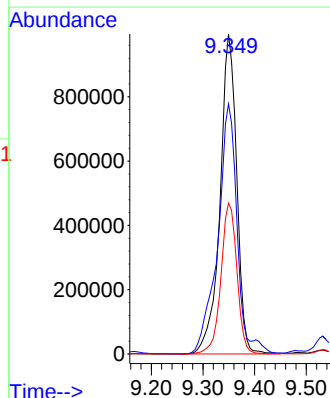
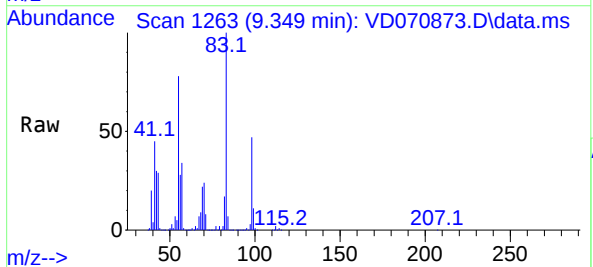
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.0	123.0
192	19.8	15.2	22.8

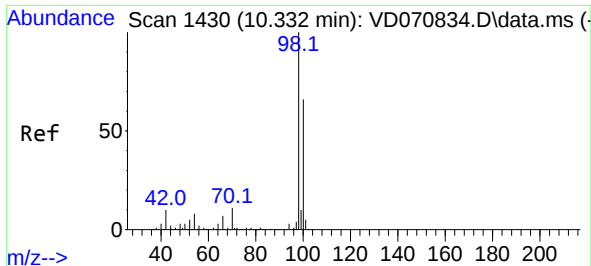


#39
Methylcyclohexane
Concen: 214.558 ug/l
RT: 9.349 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

Tgt Ion: 83 Resp: 2237079

Ion	Ratio	Lower	Upper
83	100		
55	78.2	65.8	98.8
98	47.2	38.7	58.1

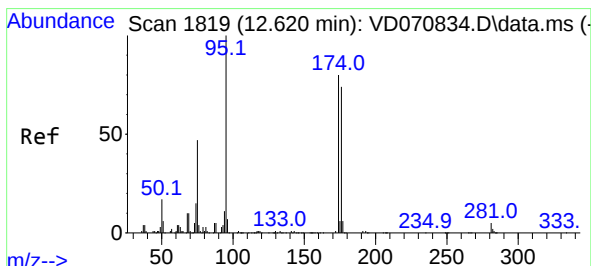
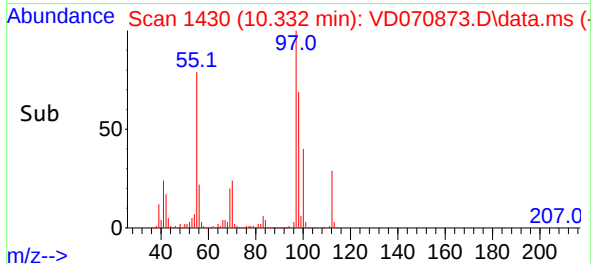
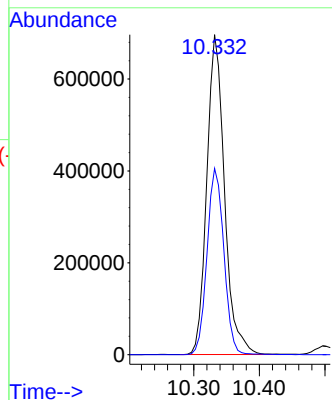
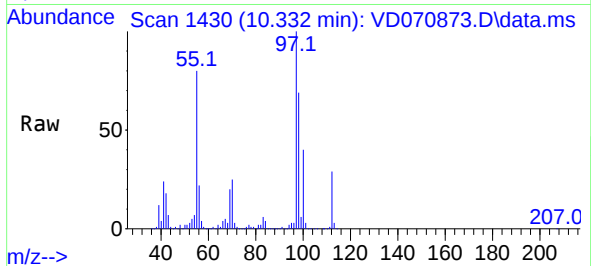




#50
Toluene-d8
Concen: 60.975 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

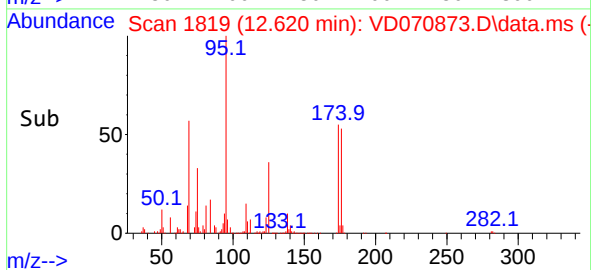
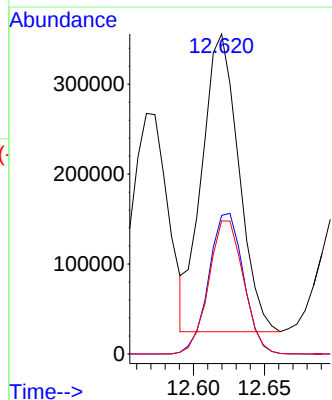
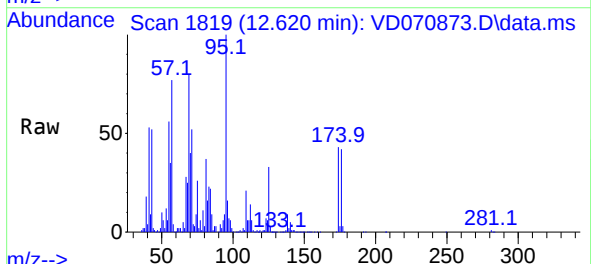
Instrument :
MSVOA_D
ClientSampleId :
SB-5

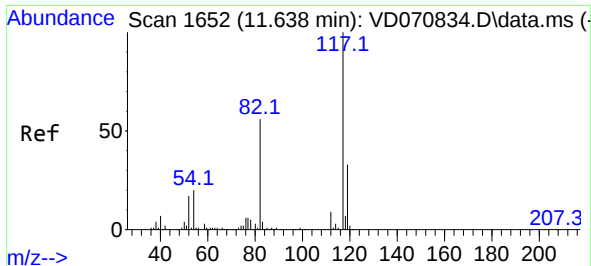
Tgt Ion: 98 Resp: 1309882
Ion Ratio Lower Upper
98 100
100 55.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 84.227 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

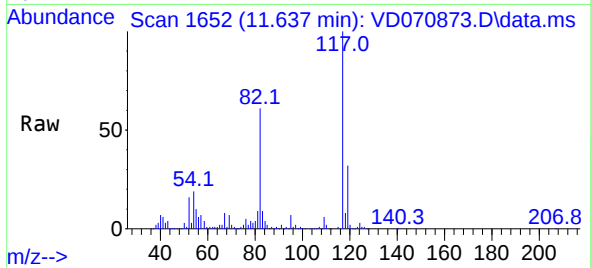
Tgt Ion: 95 Resp: 597002
Ion Ratio Lower Upper
95 100
174 44.5 0.0 159.4
176 42.4 0.0 154.0



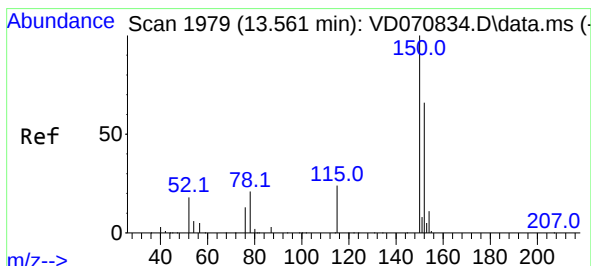
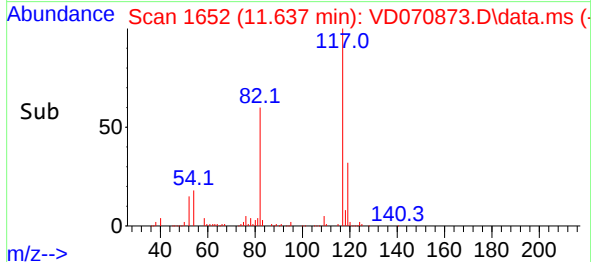
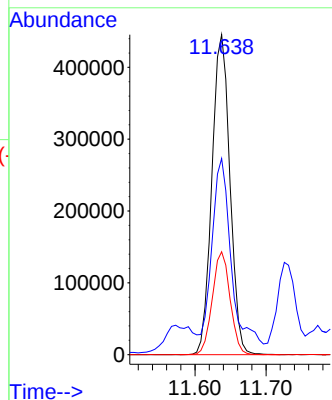


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

Instrument :
MSVOA_D
ClientSampled :
SB-5

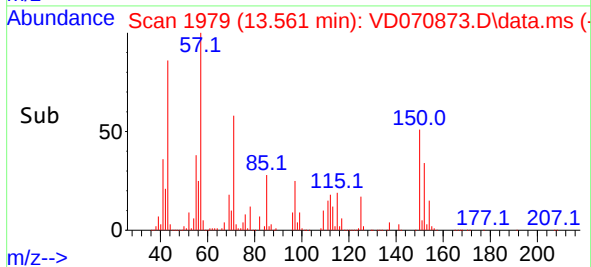
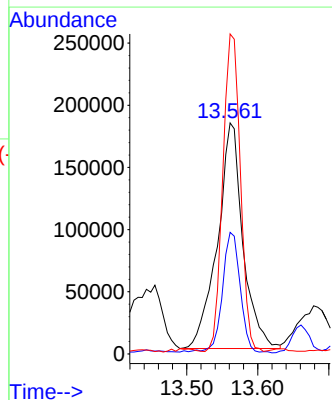
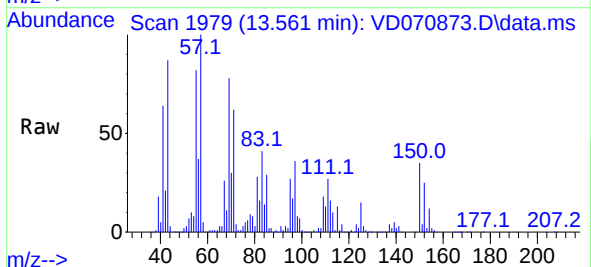


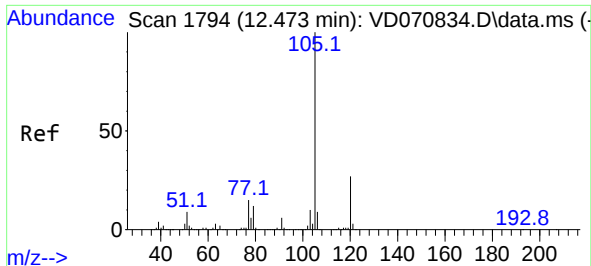
Tgt Ion:117 Resp: 784178
Ion Ratio Lower Upper
117 100
82 52.9 44.7 67.1
119 32.2 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

Tgt Ion:152 Resp: 451297
Ion Ratio Lower Upper
152 100
115 37.7 29.8 89.3
150 96.7 0.0 349.2

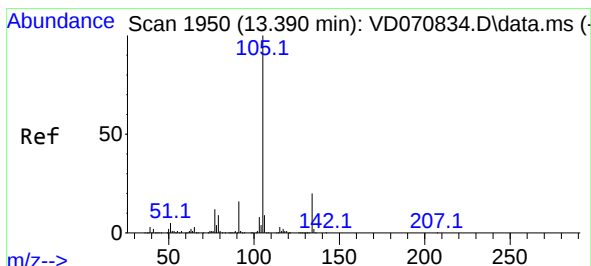
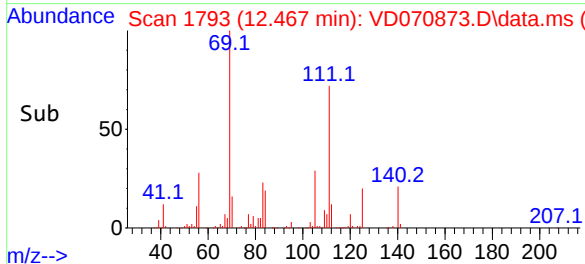
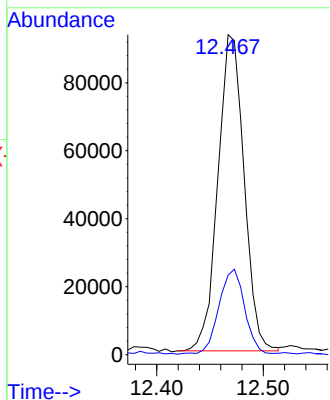
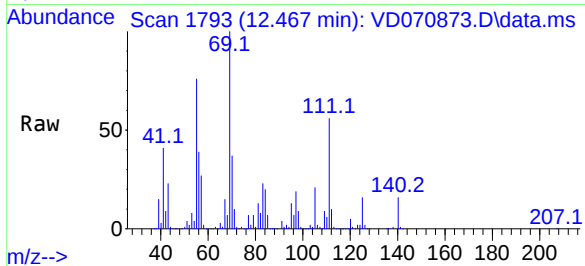




#73
Isopropylbenzene
Concen: 5.279 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

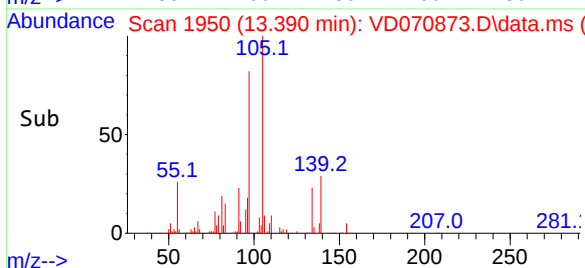
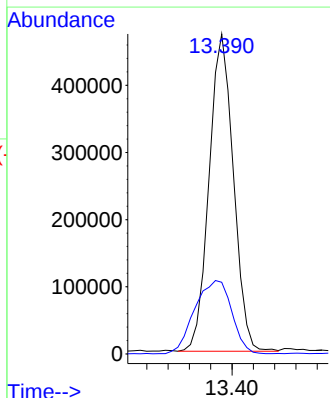
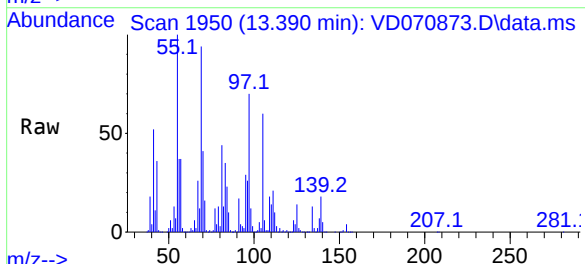
Instrument :
MSVOA_D
ClientSampleId :
SB-5

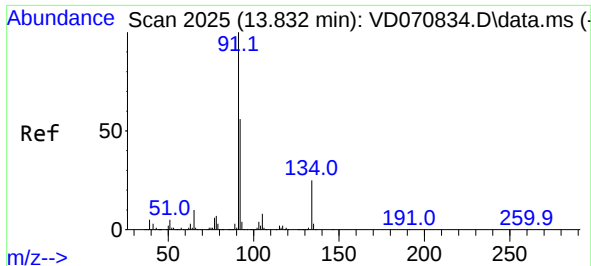
Tgt Ion:105 Resp: 158908
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5



#85
sec-Butylbenzene
Concen: 22.308 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

Tgt Ion:105 Resp: 749544
Ion Ratio Lower Upper
105 100
134 35.0 9.7 28.9#





#89
n-Butylbenzene
Concen: 31.062 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

Instrument :
MSVOA_D
ClientSampleId :
SB-5

Tgt Ion: 91 Resp: 822691
Ion Ratio Lower Upper
91 100
92 51.1 27.3 81.9
134 0.0 12.3 36.9#

