

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041221\
 Data File : VD068844.D
 Acq On : 12 Apr 2021 20:50
 Operator : VA/SY
 Sample : M2017-01
 Misc : 7.91G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FISHKILL-SP-1

Quant Time: Apr 13 01:13:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

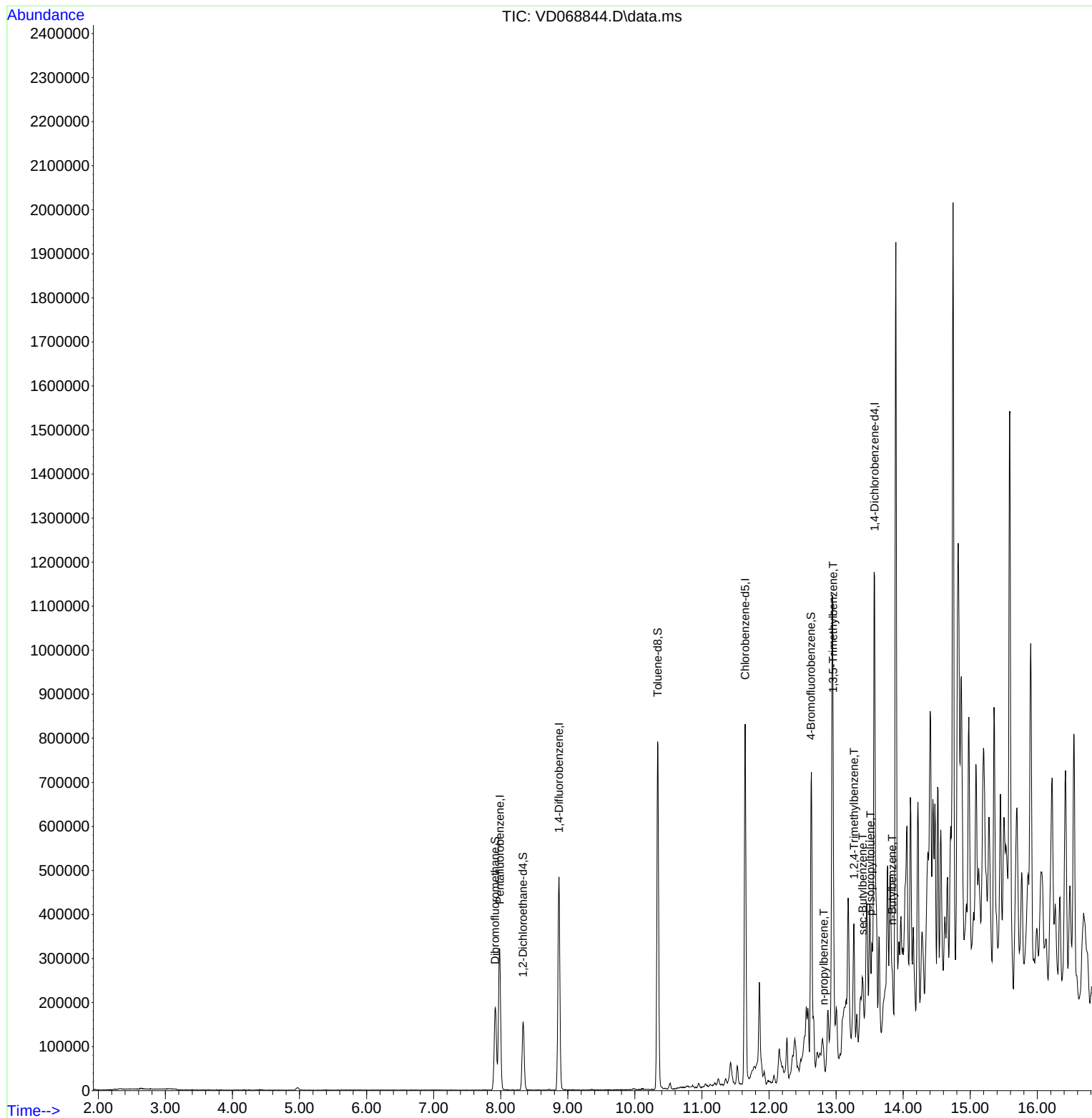
Internal Standards						
1) Pentafluorobenzene	7.985	168	249730	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	444312	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	490153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	237602	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	120808	45.77	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.54%
35) Dibromofluoromethane	7.914	113	139419	48.24	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.48%
50) Toluene-d8	10.338	98	566964	52.00	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.00%
62) 4-Bromofluorobenzene	12.626	95	222405	61.42	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	122.84%
Target Compounds						
					Qvalue	
78) n-propylbenzene	12.814	91	23762	1.13	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	76675	5.29	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	170721	11.65	ug/l	96
85) sec-Butylbenzene	13.396	105	36041	2.08	ug/l	83
86) p-Isopropyltoluene	13.514	119	25098	1.58	ug/l	97
89) n-Butylbenzene	13.838	91	53089	3.55	ug/l #	72

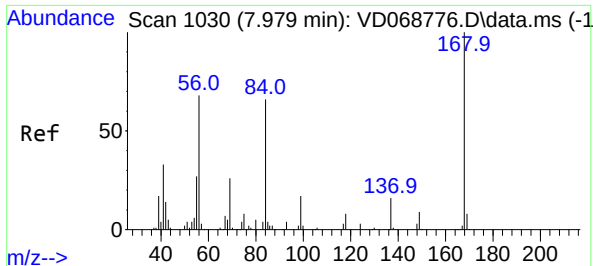
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

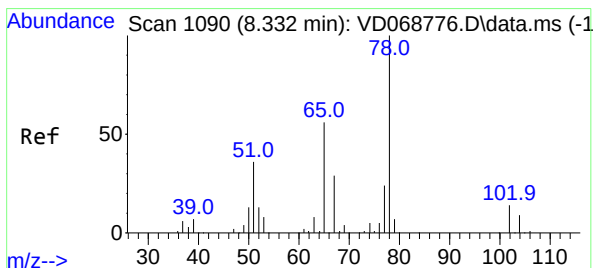
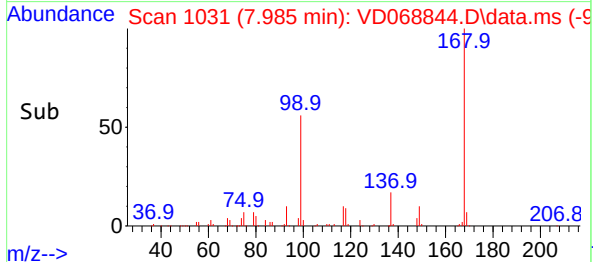
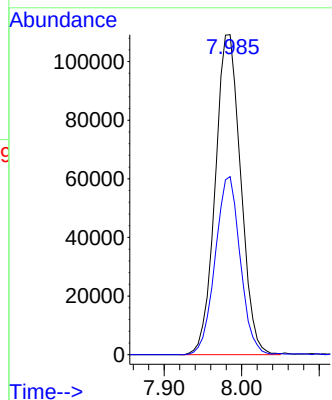
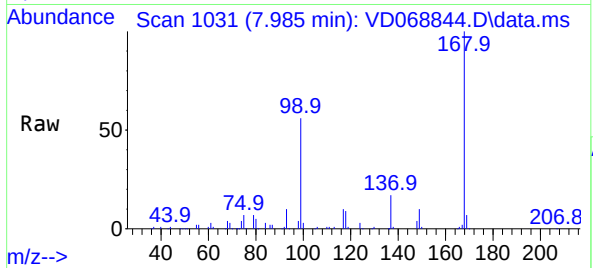




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068844.D
Acq: 12 Apr 2021 20:50

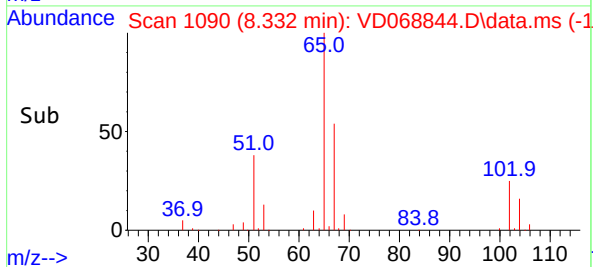
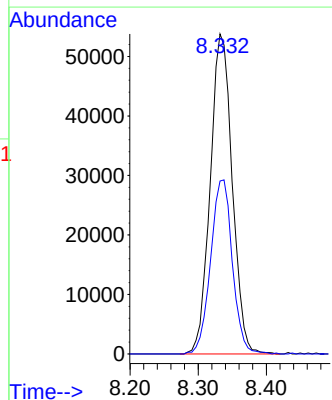
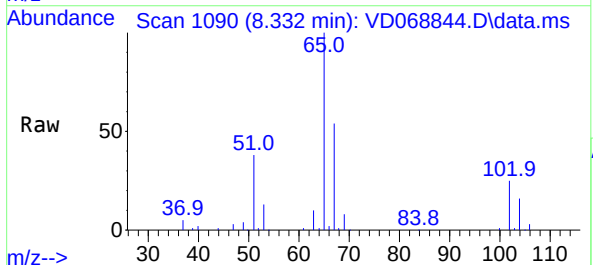
Instrument :
MSVOA_D
ClientSampleId :
FISHKILL-SP-1

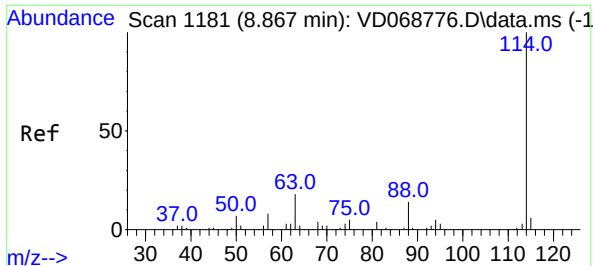
Tgt Ion:168 Resp: 249730
Ion Ratio Lower Upper
168 100
99 55.7 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 45.77 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068844.D
Acq: 12 Apr 2021 20:50

Tgt Ion: 65 Resp: 120808
Ion Ratio Lower Upper
65 100
67 53.9 0.0 106.0

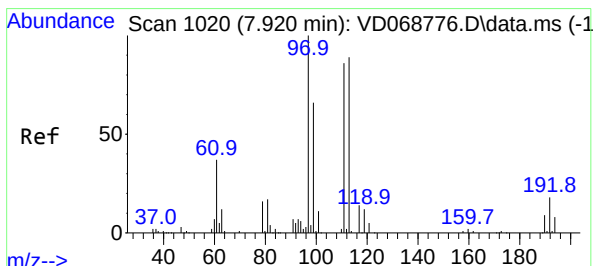
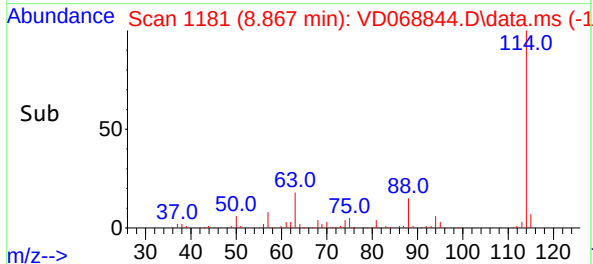
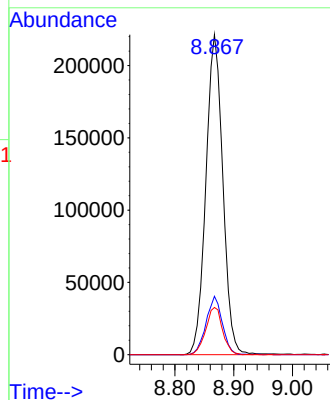
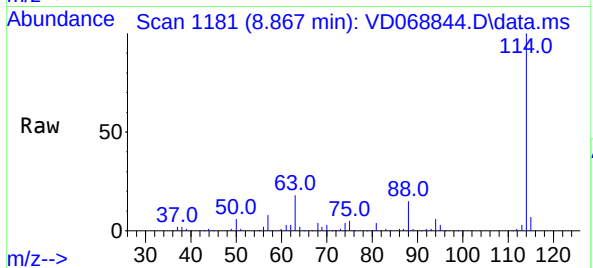




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068844.D
Acq: 12 Apr 2021 20:50

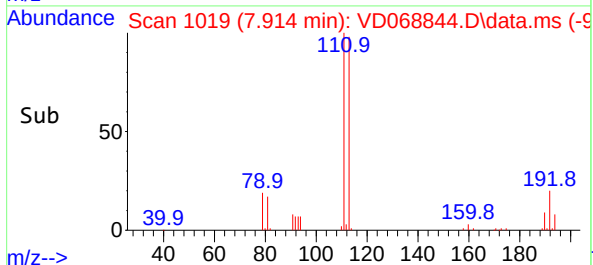
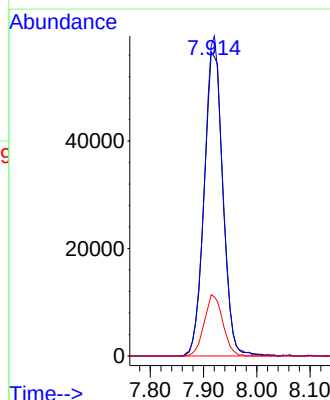
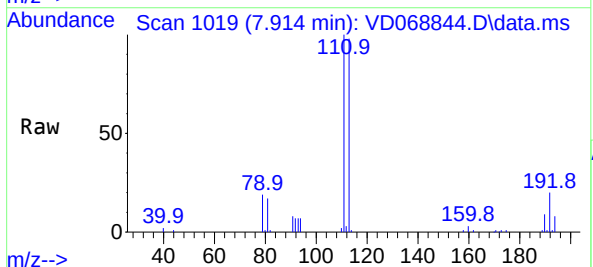
Instrument :
MSVOA_D
ClientSampleId :
FISHKILL-SP-1

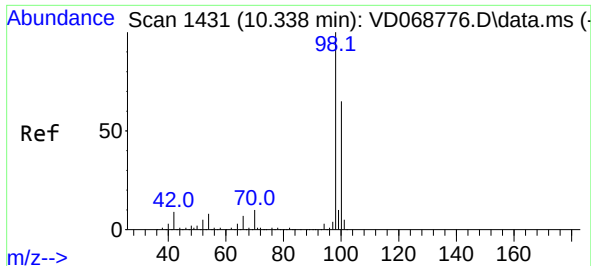
Tgt Ion:114 Resp: 444312
Ion Ratio Lower Upper
114 100
63 18.3 0.0 38.2
88 14.8 0.0 29.4



#35
Dibromofluoromethane
Concen: 48.24 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068844.D
Acq: 12 Apr 2021 20:50

Tgt Ion:113 Resp: 139419
Ion Ratio Lower Upper
113 100
111 101.9 82.5 123.7
192 19.8 15.1 22.7

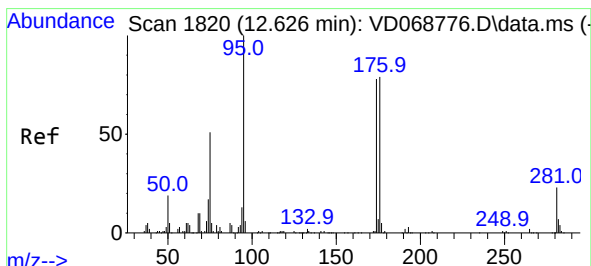
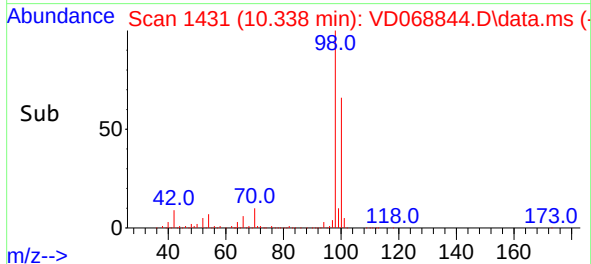
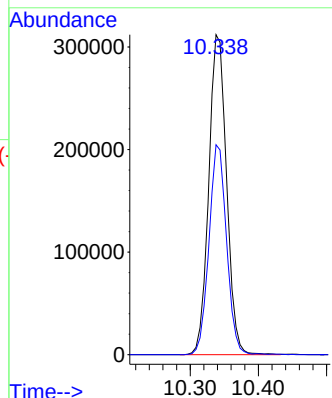
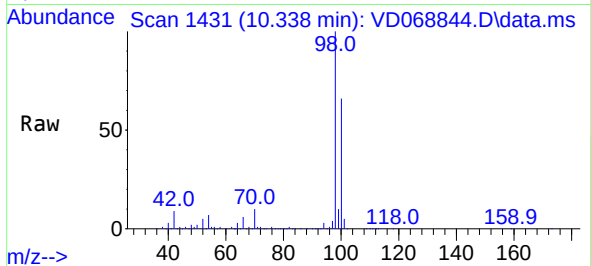




#50
Toluene-d8
Concen: 52.00 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068844.D
Acq: 12 Apr 2021 20:50

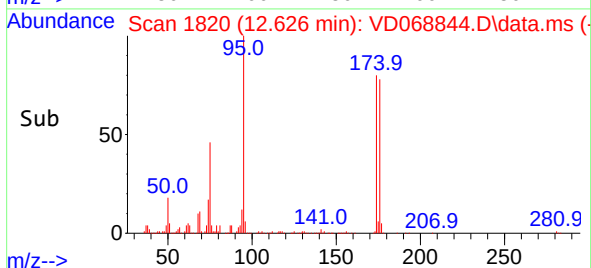
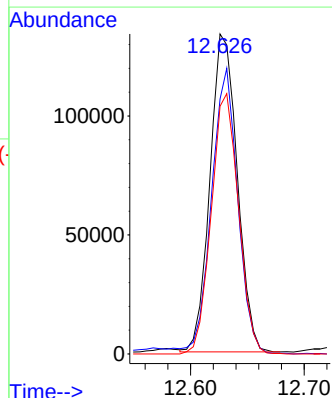
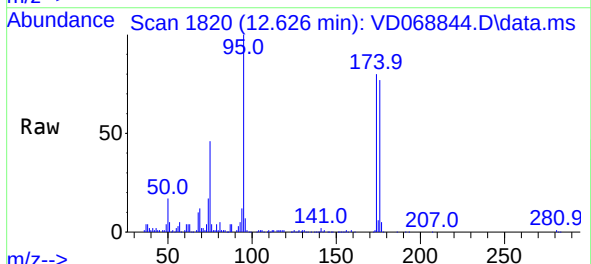
Instrument :
MSVOA_D
ClientSampleId :
FISHKILL-SP-1

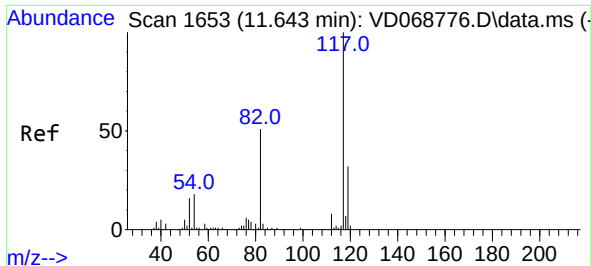
Tgt Ion: 98 Resp: 566964
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 61.42 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD068844.D
Acq: 12 Apr 2021 20:50

Tgt Ion: 95 Resp: 222405
Ion Ratio Lower Upper
95 100
174 86.5 0.0 168.0
176 81.8 0.0 160.2

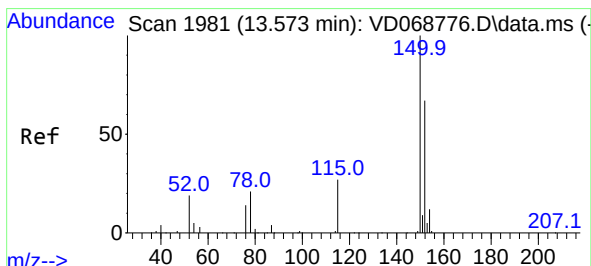
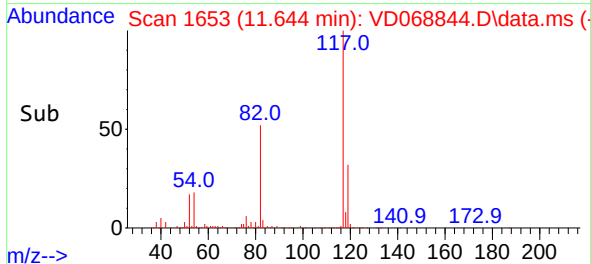
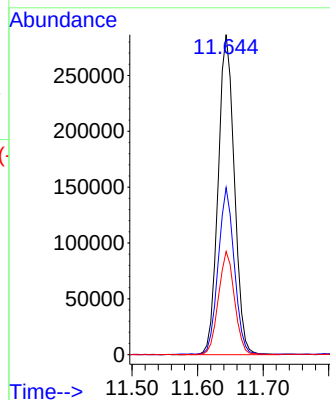
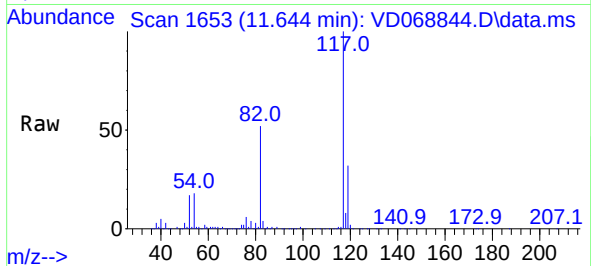




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068844.D
Acq: 12 Apr 2021 20:50

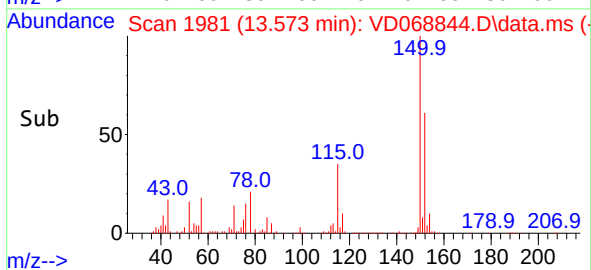
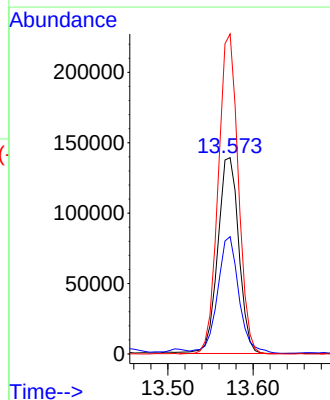
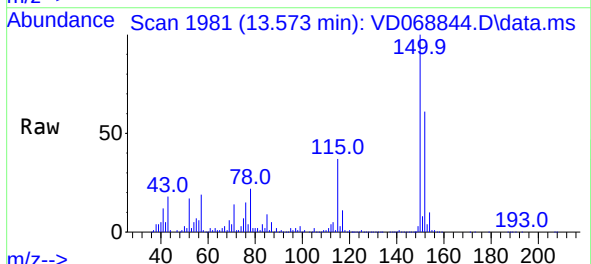
Instrument :
MSVOA_D
ClientSampleId :
FISHKILL-SP-1

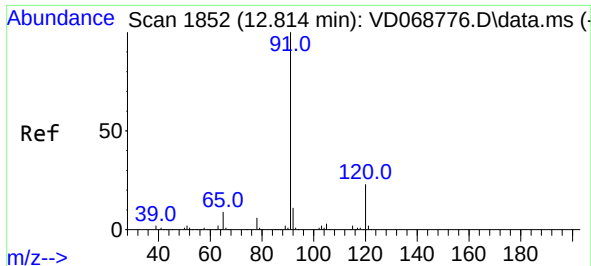
Tgt Ion:	117	Resp:	490153
Ion	Ratio	Lower	Upper
117	100		
82	52.0	43.5	65.3
119	32.2	26.7	40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068844.D
Acq: 12 Apr 2021 20:50

Tgt Ion:	152	Resp:	237602
Ion	Ratio	Lower	Upper
152	100		
115	60.9	29.3	87.8
150	156.4	0.0	347.6

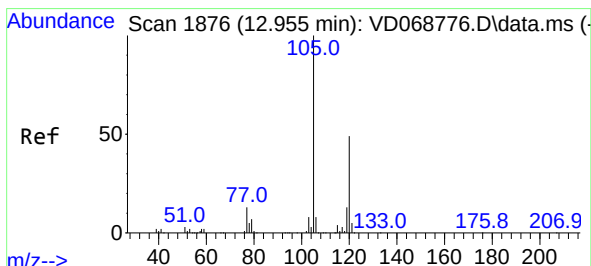
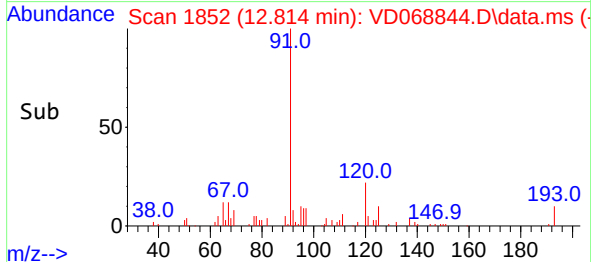
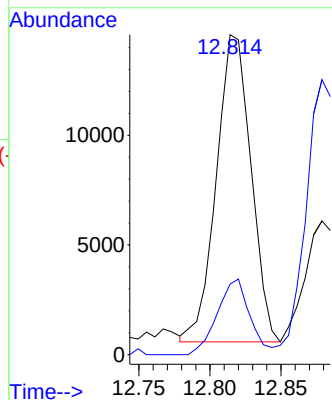
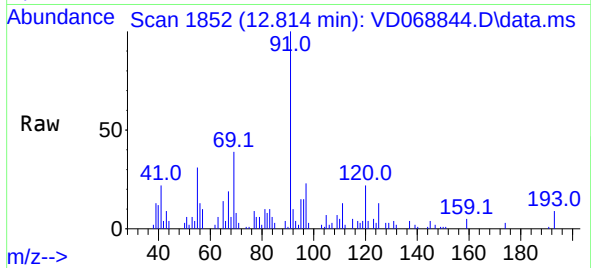




#78
n-propylbenzene
Concen: 1.13 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD068844.D
Acq: 12 Apr 2021 20:50

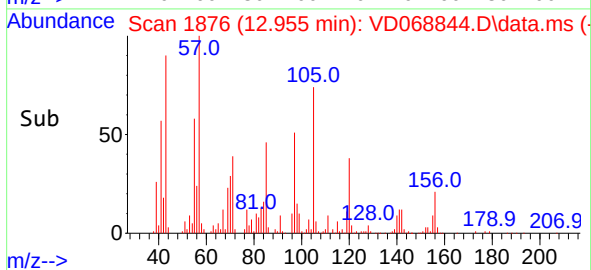
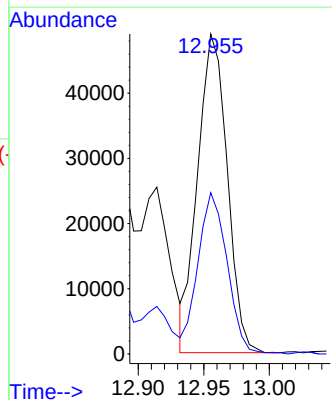
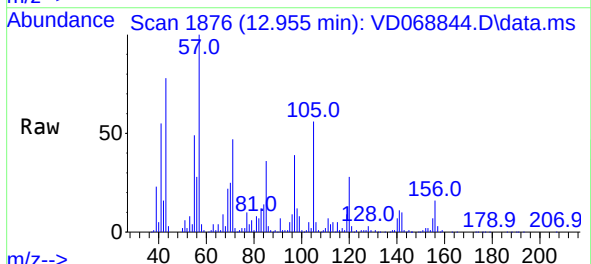
Instrument :
MSVOA_D
ClientSampled :
FISHKILL-SP-1

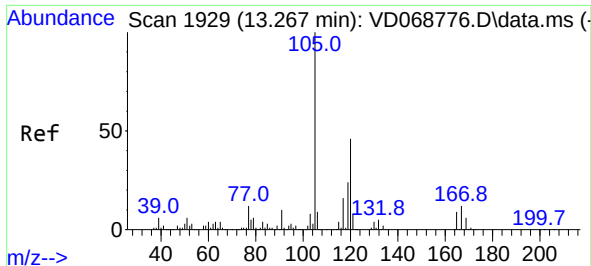
Tgt Ion: 91 Resp: 23762
Ion Ratio Lower Upper
91 100
120 23.1 11.4 34.2



#80
1,3,5-Trimethylbenzene
Concen: 5.29 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VD068844.D
Acq: 12 Apr 2021 20:50

Tgt Ion:105 Resp: 76675
Ion Ratio Lower Upper
105 100
120 50.2 24.9 74.7

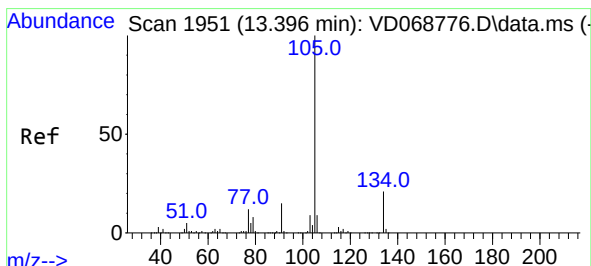
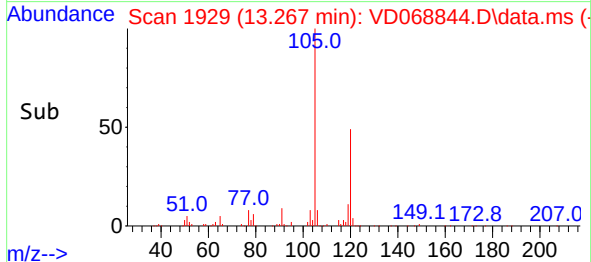
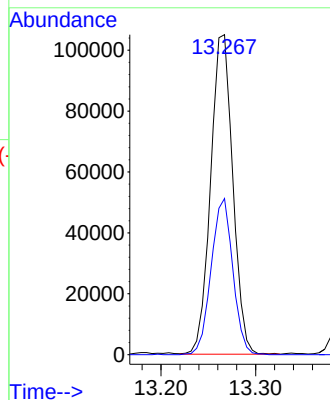
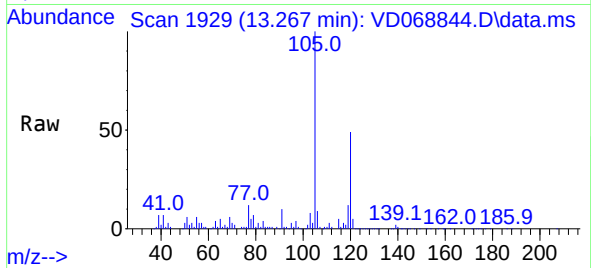




#84
1,2,4-Trimethylbenzene
Concen: 11.65 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068844.D
Acq: 12 Apr 2021 20:50

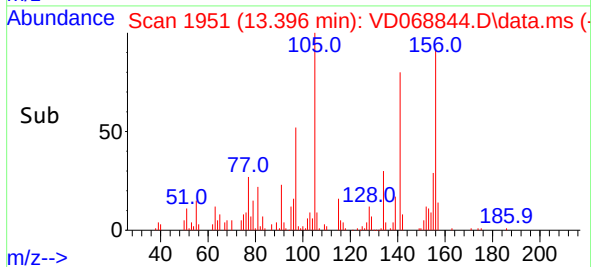
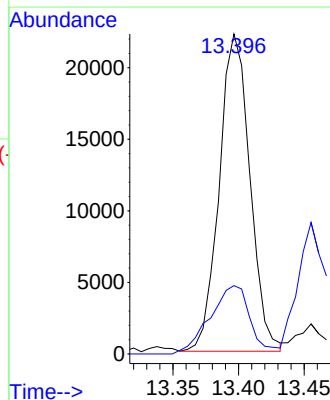
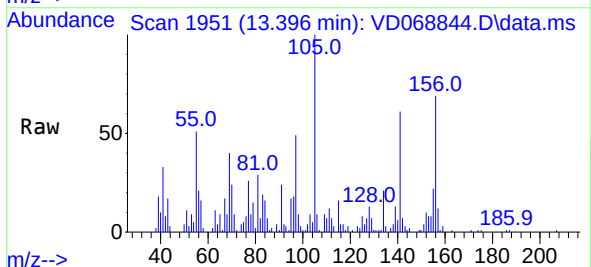
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FISHKILL-SP-1

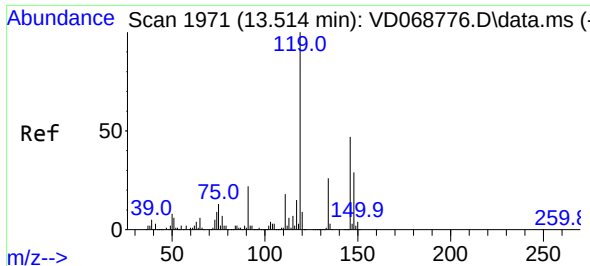
Tgt Ion:105 Resp: 170721
Ion Ratio Lower Upper
105 100
120 47.7 22.6 67.7



#85
sec-Butylbenzene
Concen: 2.08 ug/l
RT: 13.396 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VD068844.D
Acq: 12 Apr 2021 20:50

Tgt Ion:105 Resp: 36041
Ion Ratio Lower Upper
105 100
134 27.8 10.0 29.8

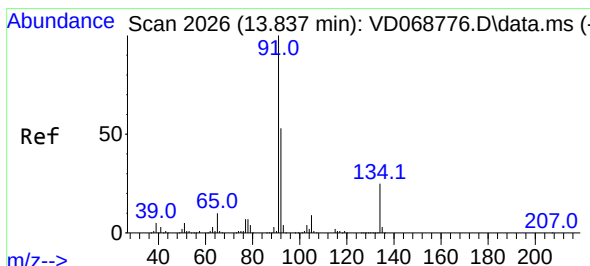
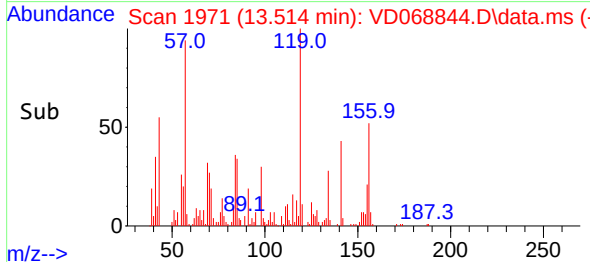
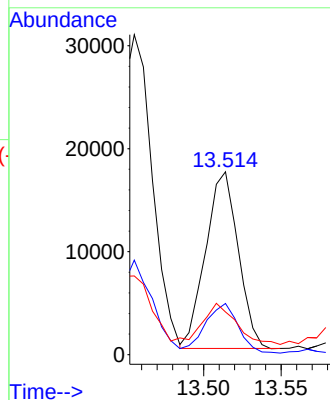
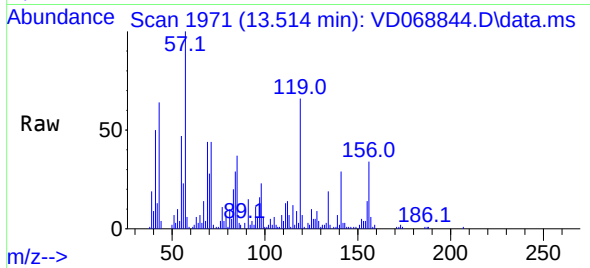




#86
p-Isopropyltoluene
Concen: 1.58 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068844.D
Acq: 12 Apr 2021 20:50

Instrument :
MSVOA_D
ClientSampleId :
FISHKILL-SP-1

Tgt Ion:	119	Resp:	25098
Ion	Ratio	Lower	Upper
119	100		
134	28.8	13.3	39.9
91	22.6	11.1	33.1



#89
n-Butylbenzene
Concen: 3.55 ug/l
RT: 13.838 min Scan# 2026
Delta R.T. 0.001 min
Lab File: VD068844.D
Acq: 12 Apr 2021 20:50

Tgt Ion:	91	Resp:	53089
Ion	Ratio	Lower	Upper
91	100		
92	65.5	26.7	80.1
134	0.0	12.9	38.6#

