

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012521\
 Data File : VD068176.D
 Acq On : 25 Jan 2021 19:06
 Operator : VA/SY
 Sample : M1217-01RE
 Misc : 1.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1617RE

Quant Time: Jan 26 00:10:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

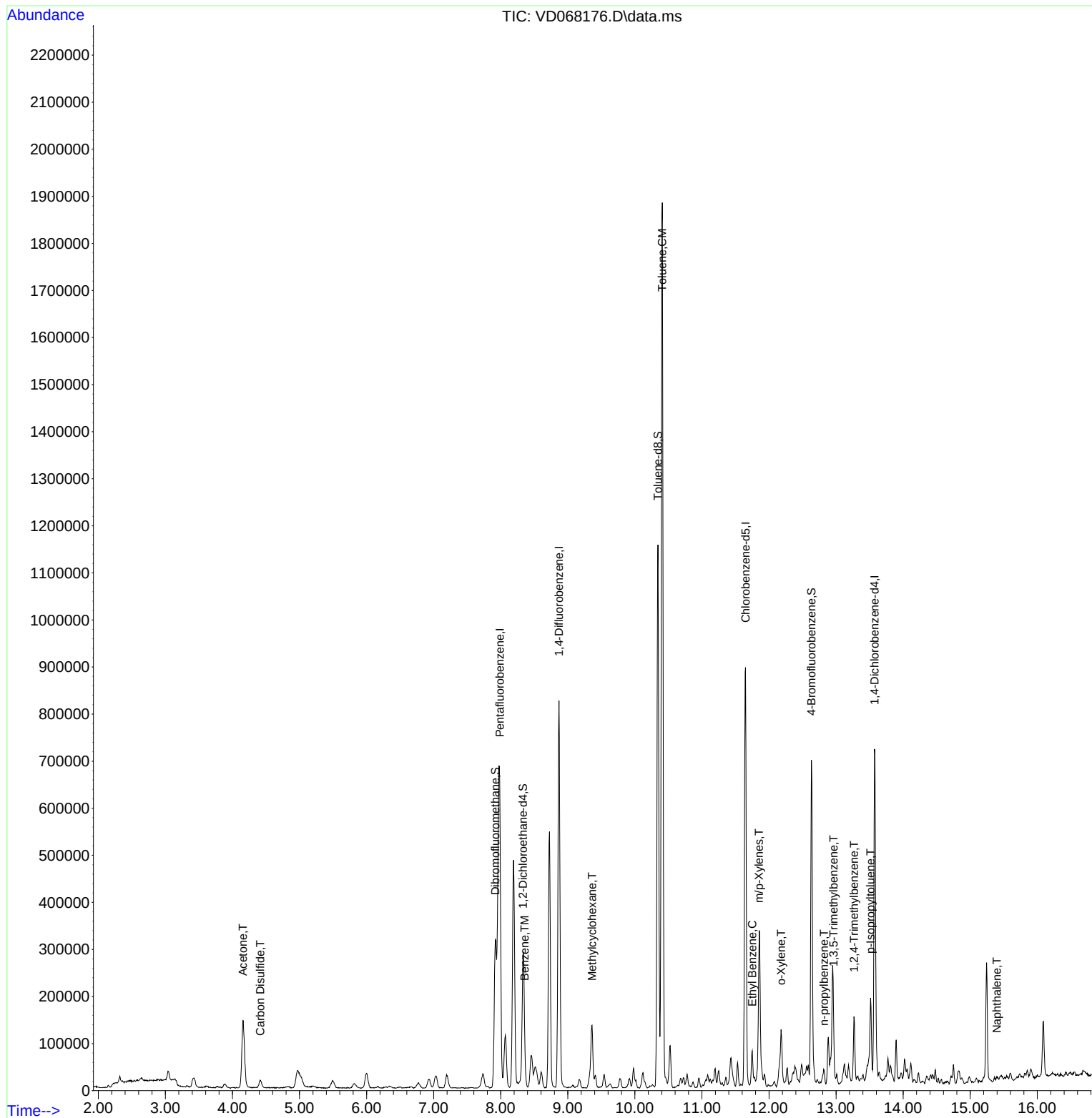
Internal Standards						
1) Pentafluorobenzene	7.985	168	415883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	734744	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.650	117	542465	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	193868	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	230965	58.05	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.10%			
35) Dibromofluoromethane	7.920	113	227925	56.11	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.22%			
50) Toluene-d8	10.344	98	808735	49.77	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.54%			
62) 4-Bromofluorobenzene	12.632	95	229382	39.20	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 78.40%			
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	252596	355.59	ug/l	93
17) Carbon Disulfide	4.415	76	33067	2.25	ug/l	97
39) Methylcyclohexane	9.361	83	56497	5.83	ug/l	96
40) Benzene	8.356	78	25783	1.24	ug/l	96
52) Toluene	10.408	92	853526	63.23	ug/l	97
67) Ethyl Benzene	11.750	91	50999	2.39	ug/l	95
68) m/p-Xylenes	11.850	106	62562	7.77	ug/l	93
69) o-Xylene	12.179	106	28048	3.75	ug/l	97
78) n-propylbenzene	12.820	91	24227	1.27	ug/l	98
80) 1,3,5-Trimethylbenzene	12.961	105	25294	1.88	ug/l	100
84) 1,2,4-Trimethylbenzene	13.267	105	78644	5.90	ug/l	99
86) p-Isopropyltoluene	13.514	119	95727	6.61	ug/l	96
95) Naphthalene	15.396	128	10308	1.41	ug/l	98

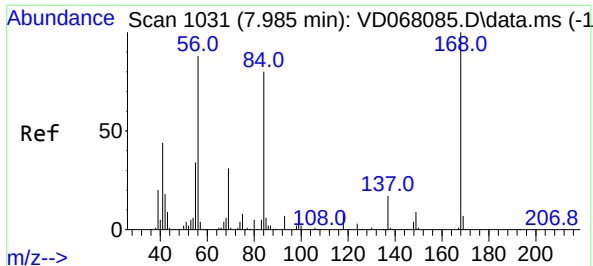
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012521\
Data File : VD068176.D
Acq On : 25 Jan 2021 19:06
Operator : VA/SY
Sample : M1217-01RE
Misc : 1.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
1617RE

Quant Time: Jan 26 00:10:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration

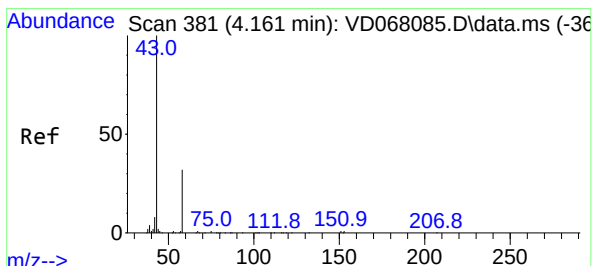
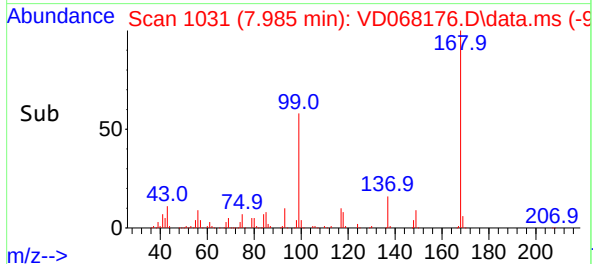
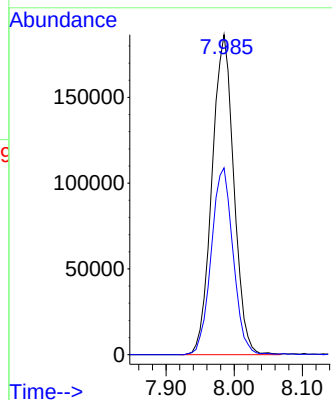
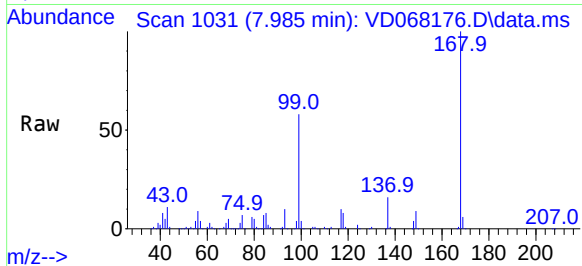




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068176.D
Acq: 25 Jan 2021 19:06

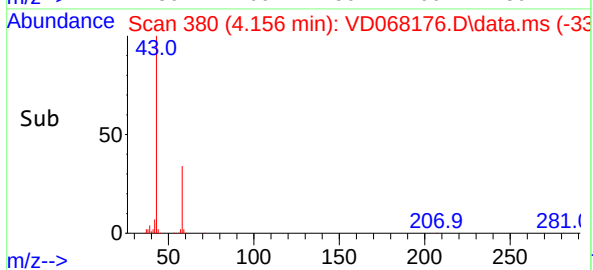
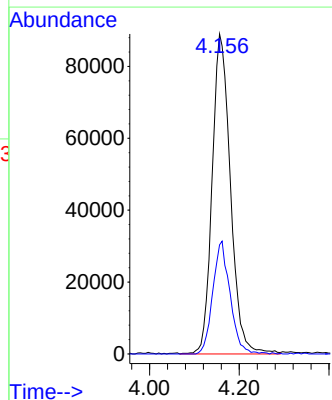
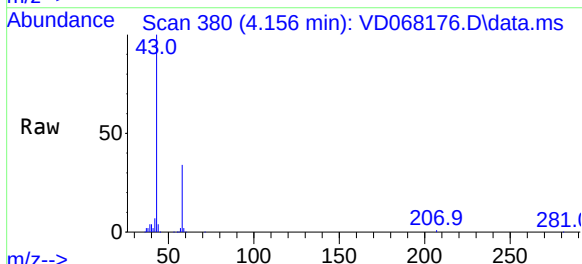
Instrument :
MSVOA_D
ClientSampleId :
1617RE

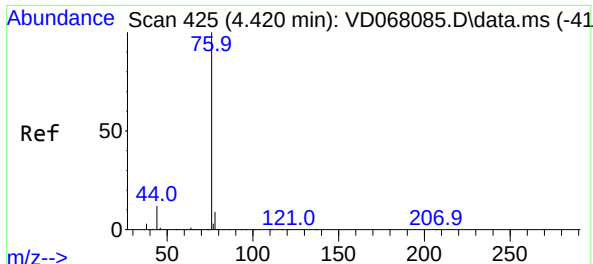
Tgt Ion:168 Resp: 415883
Ion Ratio Lower Upper
168 100
99 58.4 43.5 65.3



#16
Acetone
Concen: 355.59 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068176.D
Acq: 25 Jan 2021 19:06

Tgt Ion: 43 Resp: 252596
Ion Ratio Lower Upper
43 100
58 34.1 24.2 36.4

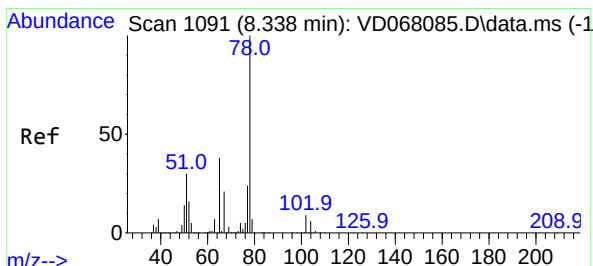
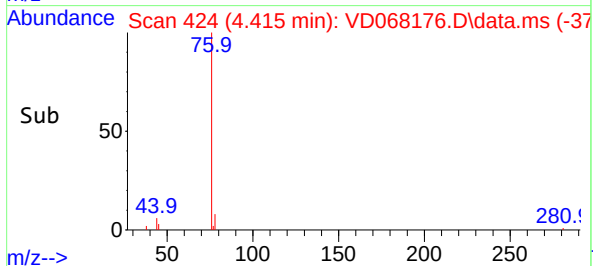
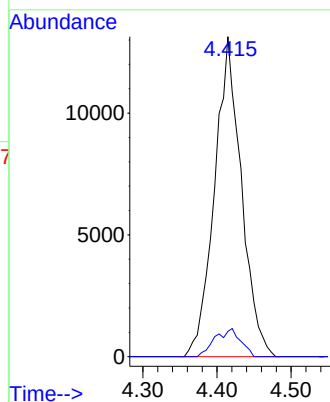
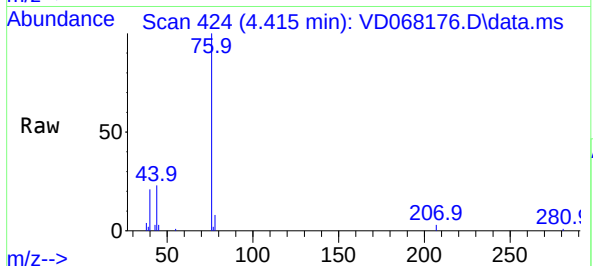




#17
Carbon Disulfide
Concen: 2.25 ug/l
RT: 4.415 min Scan# 424
Delta R.T. -0.006 min
Lab File: VD068176.D
Acq: 25 Jan 2021 19:06

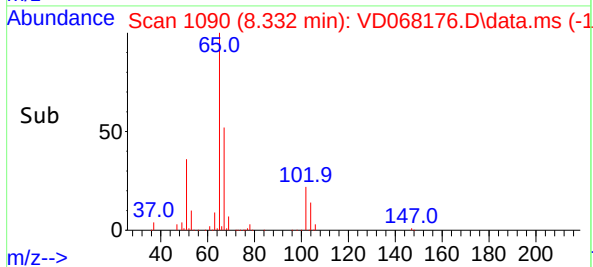
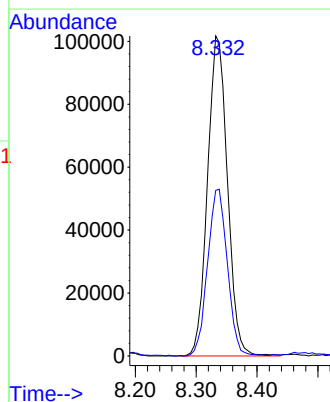
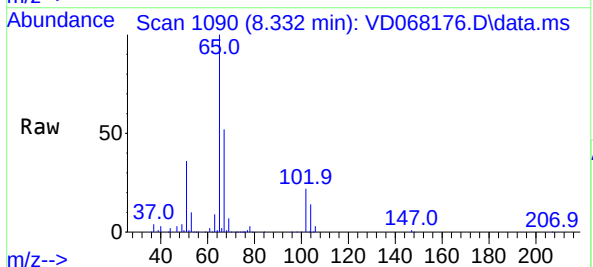
Instrument :
MSVOA_D
ClientSampleId :
1617RE

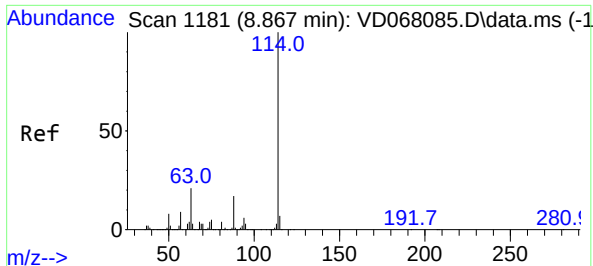
Tgt Ion: 76 Resp: 33067
Ion Ratio Lower Upper
76 100
78 7.9 7.3 10.9



#33
1,2-Dichloroethane-d4
Concen: 58.05 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068176.D
Acq: 25 Jan 2021 19:06

Tgt Ion: 65 Resp: 230965
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.0

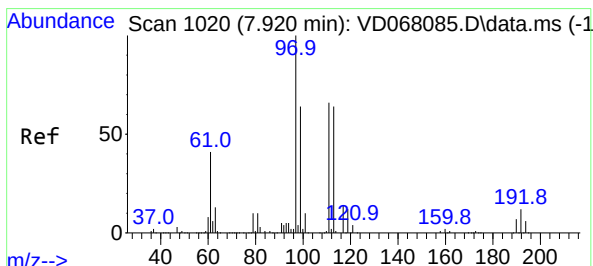
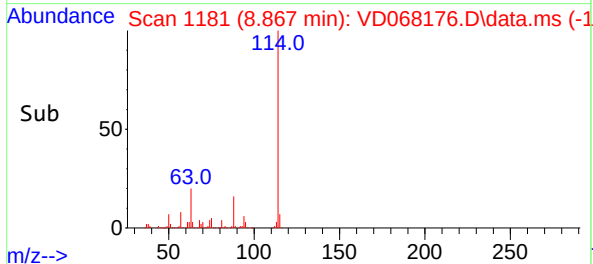
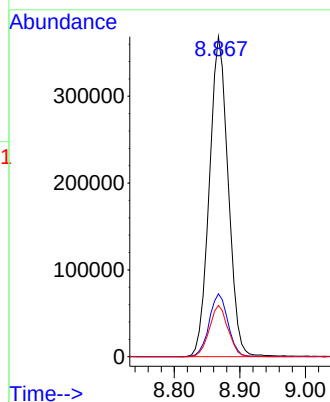
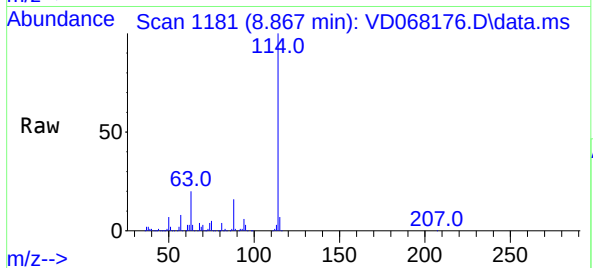




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068176.D
Acq: 25 Jan 2021 19:06

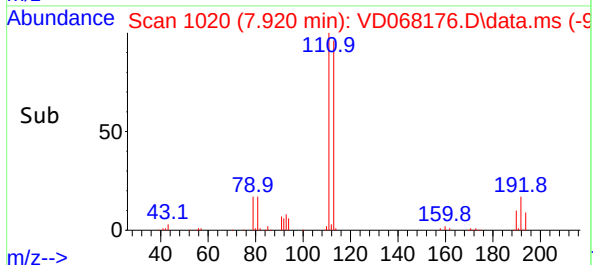
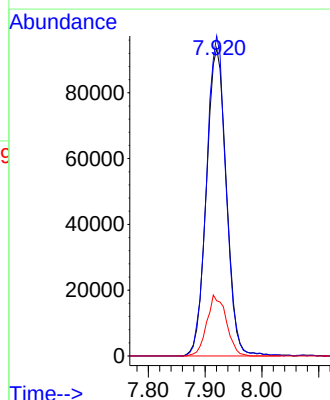
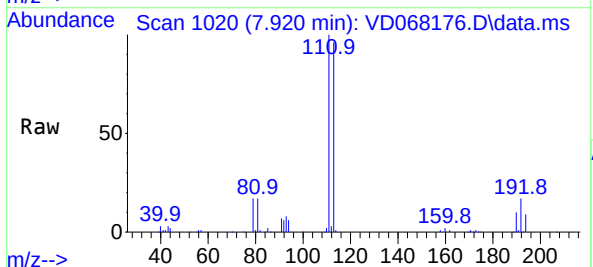
Instrument :
MSVOA_D
ClientSampleId :
1617RE

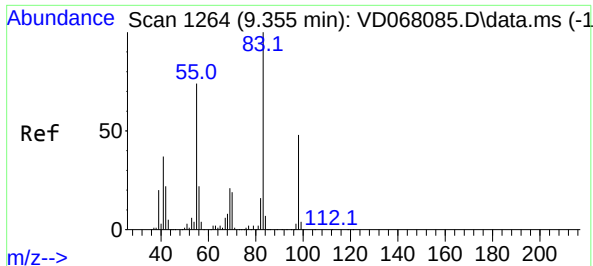
Tgt Ion:114 Resp: 734744
Ion Ratio Lower Upper
114 100
63 19.6 0.0 34.8
88 16.0 0.0 31.6



#35
Dibromofluoromethane
Concen: 56.11 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068176.D
Acq: 25 Jan 2021 19:06

Tgt Ion:113 Resp: 227925
Ion Ratio Lower Upper
113 100
111 101.4 81.4 122.0
192 19.3 16.1 24.1





#39

Methylcyclohexane

Concen: 5.83 ug/l

RT: 9.361 min Scan# 1265

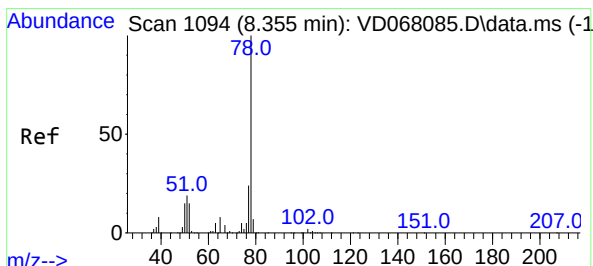
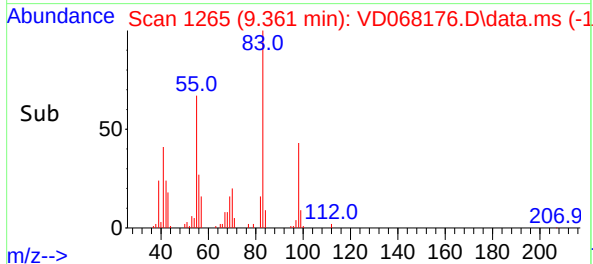
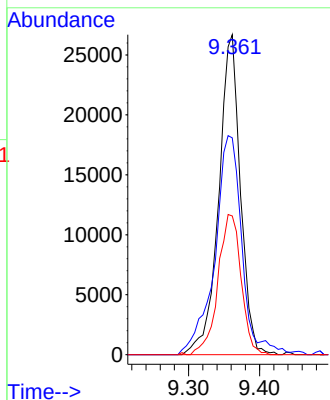
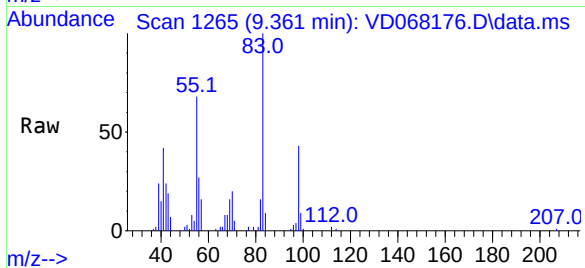
Delta R.T. 0.006 min

Lab File: VD068176.D

Acq: 25 Jan 2021 19:06

Tgt Ion:	83	Resp:	56497
Ion	Ratio	Lower	Upper
83	100		
55	67.7	55.2	82.8
98	43.4	39.1	58.7

Instrument :
MSVOA_D
ClientSampleId :
1617RE



#40

Benzene

Concen: 1.24 ug/l

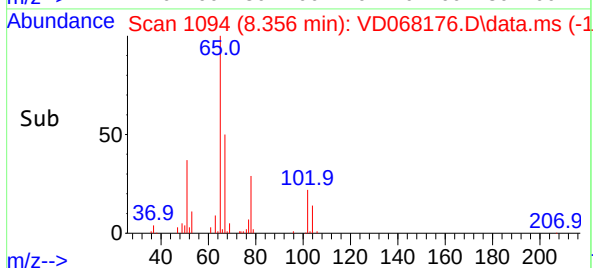
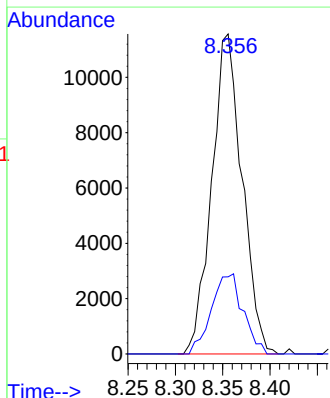
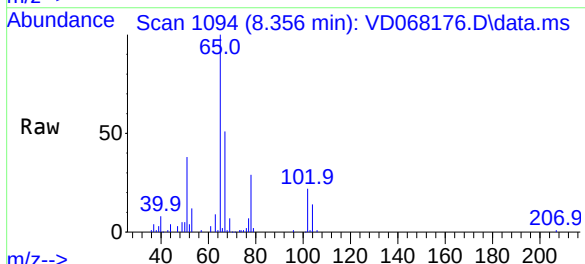
RT: 8.356 min Scan# 1094

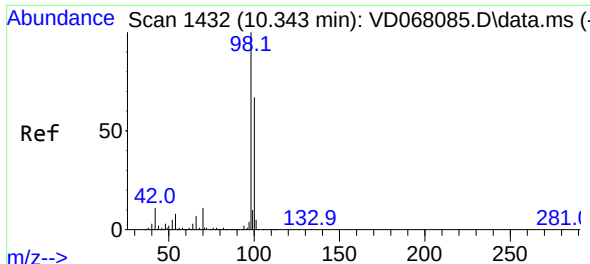
Delta R.T. 0.001 min

Lab File: VD068176.D

Acq: 25 Jan 2021 19:06

Tgt Ion:	78	Resp:	25783
Ion	Ratio	Lower	Upper
78	100		
77	24.1	17.8	26.6

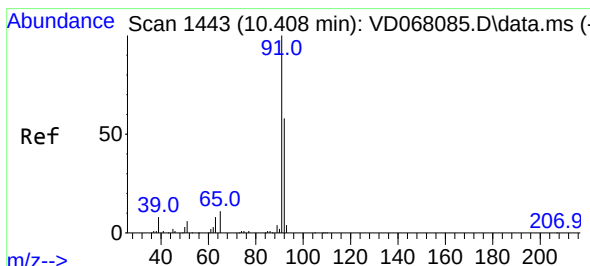
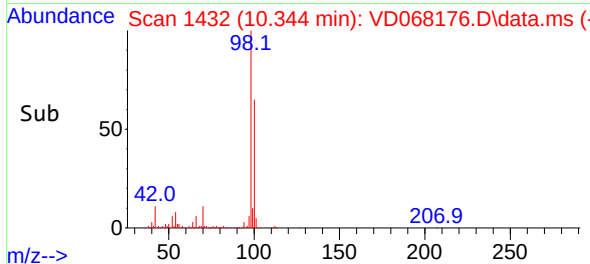
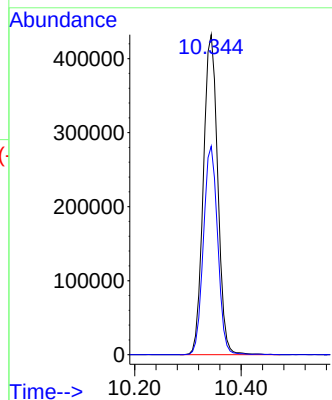
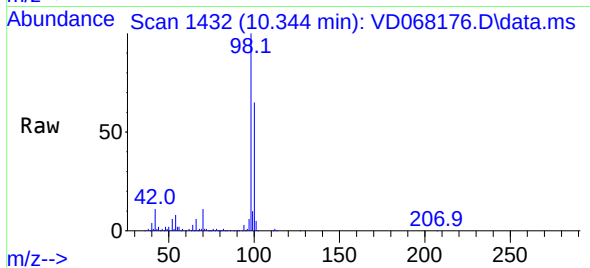




#50
Toluene-d8
Concen: 49.77 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068176.D
Acq: 25 Jan 2021 19:06

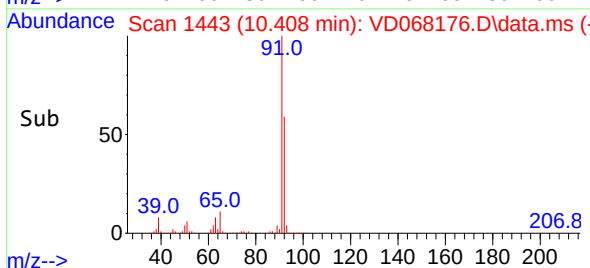
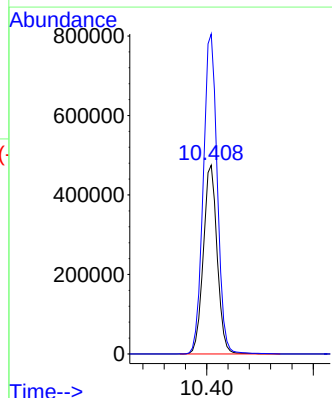
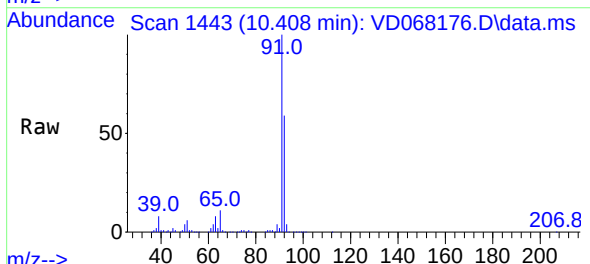
Instrument :
MSVOA_D
ClientSampleId :
1617RE

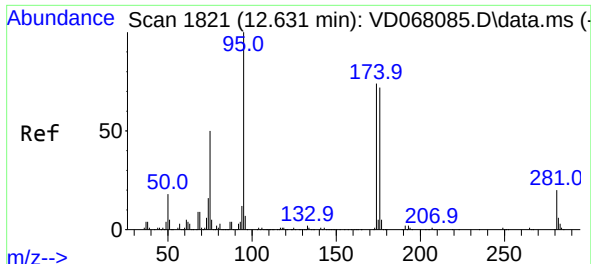
Tgt Ion: 98 Resp: 808735
Ion Ratio Lower Upper
98 100
100 64.4 53.0 79.4



#52
Toluene
Concen: 63.23 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VD068176.D
Acq: 25 Jan 2021 19:06

Tgt Ion: 92 Resp: 853526
Ion Ratio Lower Upper
92 100
91 172.1 134.1 201.1

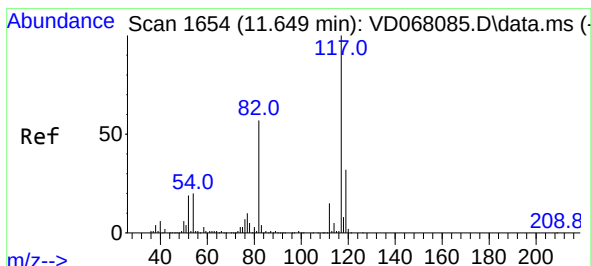
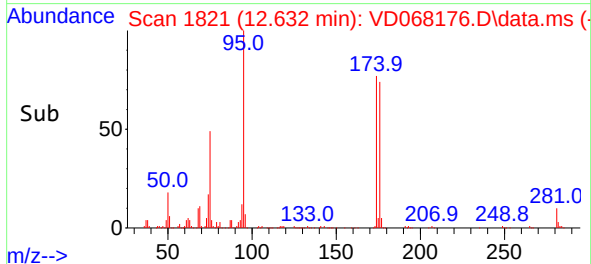
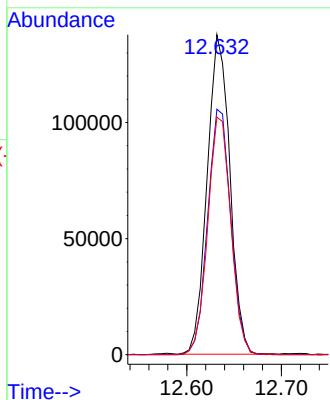
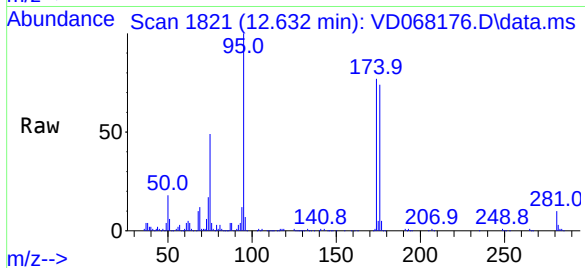




#62
4-Bromofluorobenzene
Concen: 39.20 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068176.D
Acq: 25 Jan 2021 19:06

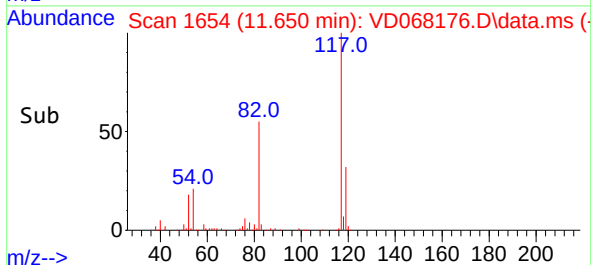
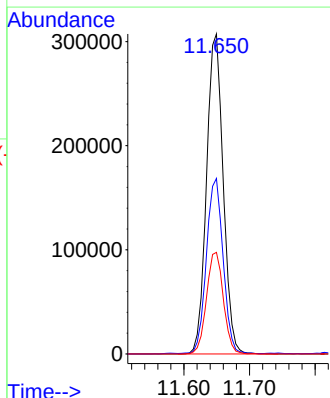
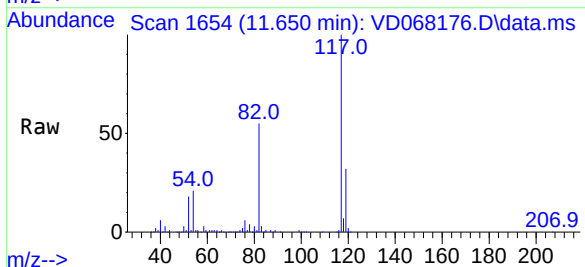
Instrument :
MSVOA_D
ClientSampleId :
1617RE

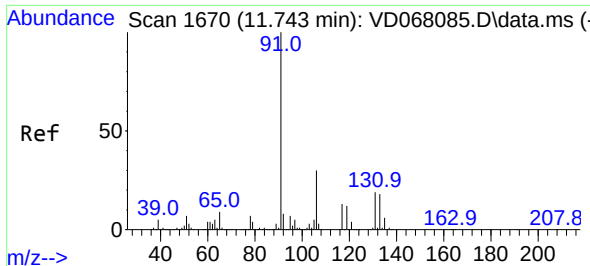
Tgt Ion: 95 Resp: 229382
Ion Ratio Lower Upper
95 100
174 78.4 0.0 172.4
176 75.5 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.650 min Scan# 1654
Delta R.T. 0.001 min
Lab File: VD068176.D
Acq: 25 Jan 2021 19:06

Tgt Ion: 117 Resp: 542465
Ion Ratio Lower Upper
117 100
82 54.7 41.4 62.0
119 31.7 26.1 39.1

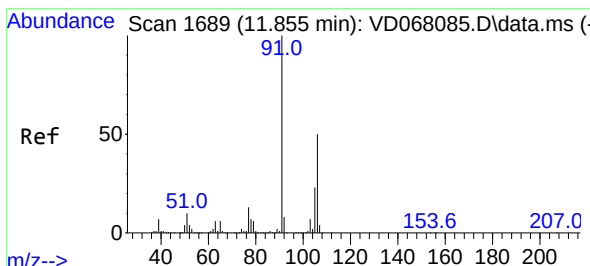
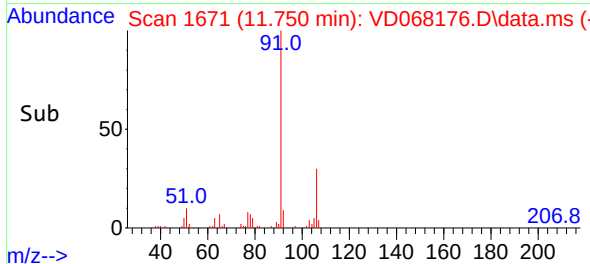
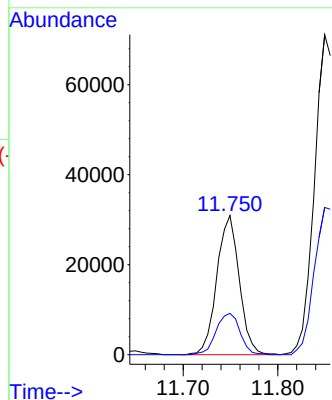
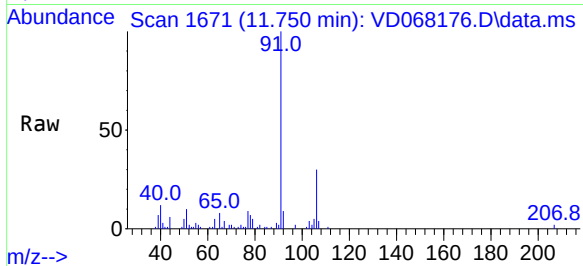




#67
Ethyl Benzene
Concen: 2.39 ug/l
RT: 11.750 min Scan# 1671
Delta R.T. 0.006 min
Lab File: VD068176.D
Acq: 25 Jan 2021 19:06

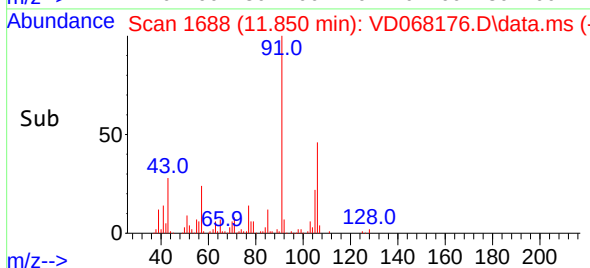
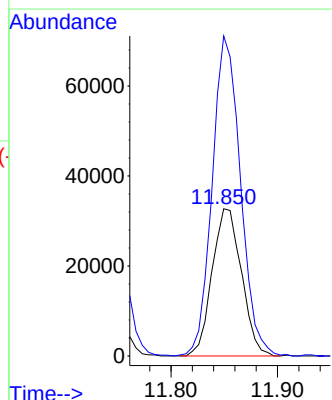
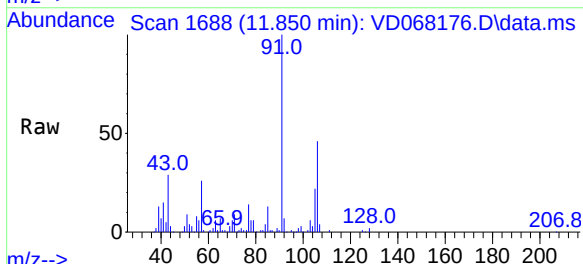
Instrument :
MSVOA_D
ClientSampleId :
1617RE

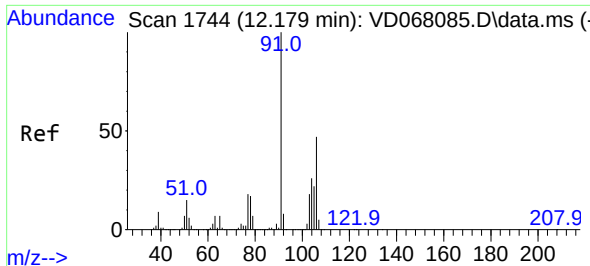
Tgt Ion: 91 Resp: 50999
Ion Ratio Lower Upper
91 100
106 29.7 25.9 38.9



#68
m/p-Xylenes
Concen: 7.77 ug/l
RT: 11.850 min Scan# 1688
Delta R.T. -0.005 min
Lab File: VD068176.D
Acq: 25 Jan 2021 19:06

Tgt Ion: 106 Resp: 62562
Ion Ratio Lower Upper
106 100
91 209.5 159.1 238.7

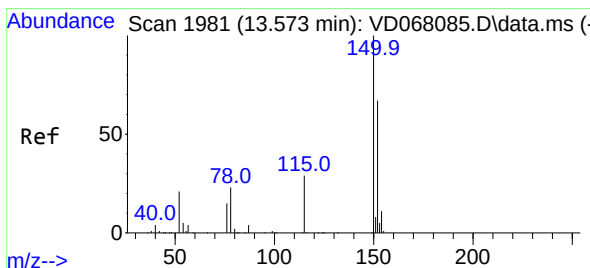
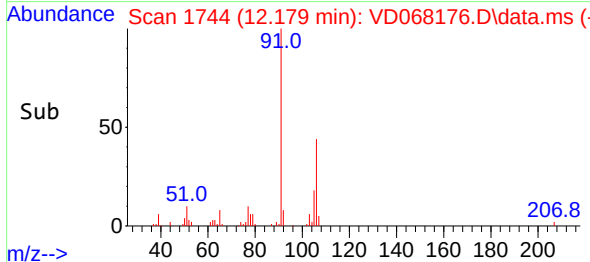
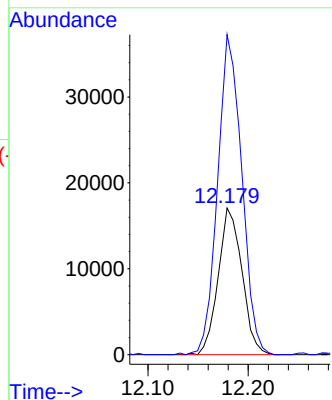
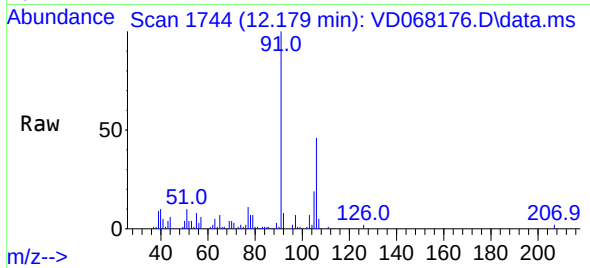




#69
o-Xylene
Concen: 3.75 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD068176.D
Acq: 25 Jan 2021 19:06

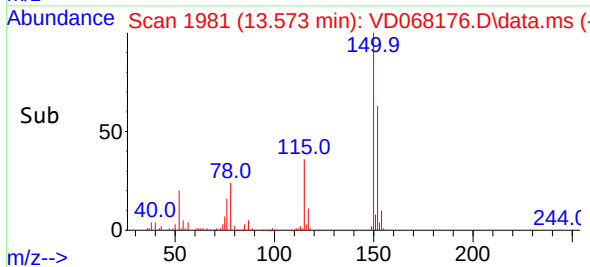
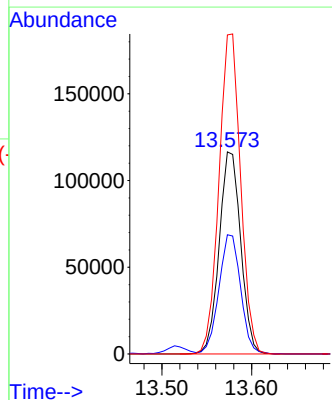
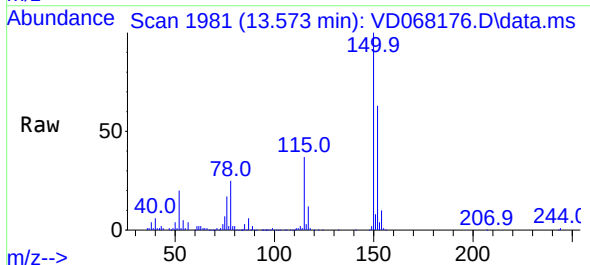
Instrument :
MSVOA_D
ClientSampleId :
1617RE

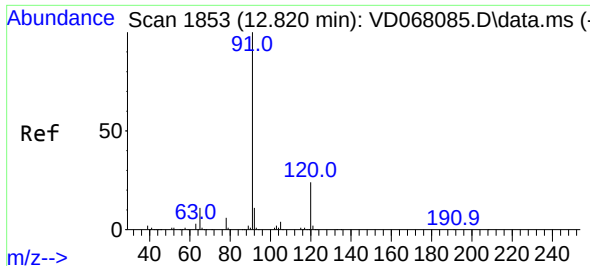
Tgt Ion:106 Resp: 28048
Ion Ratio Lower Upper
106 100
91 222.6 108.7 325.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068176.D
Acq: 25 Jan 2021 19:06

Tgt Ion:152 Resp: 193868
Ion Ratio Lower Upper
152 100
115 59.7 28.9 86.8
150 159.2 0.0 344.4

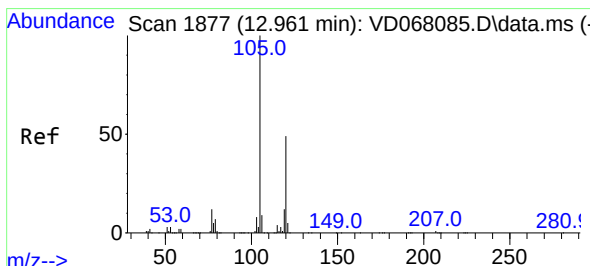
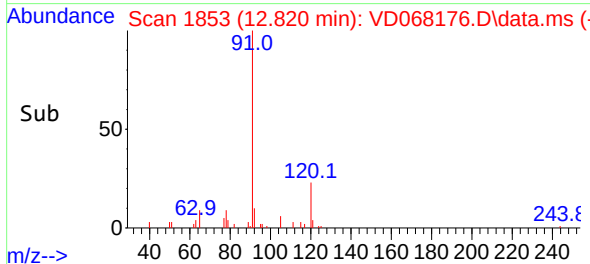
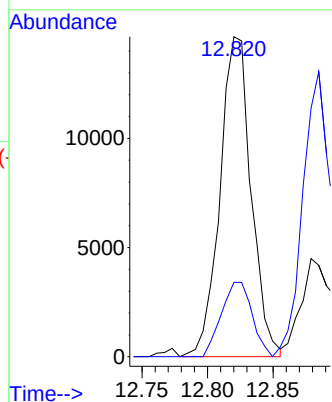
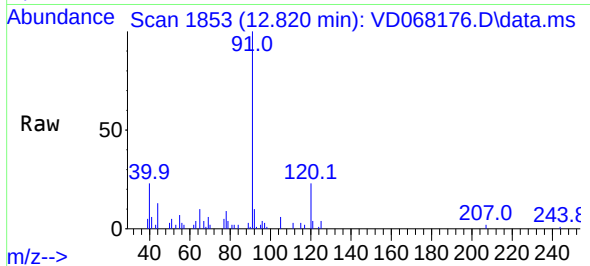




#78
n-propylbenzene
Concen: 1.27 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068176.D
Acq: 25 Jan 2021 19:06

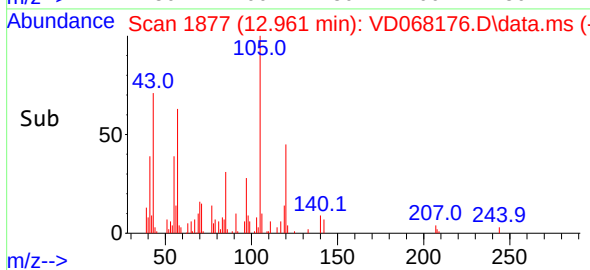
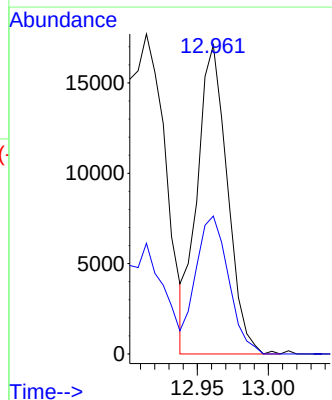
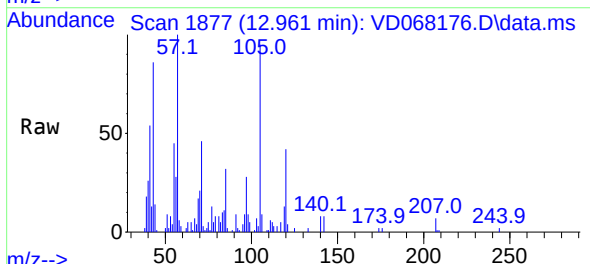
Instrument :
MSVOA_D
ClientSampleId :
1617RE

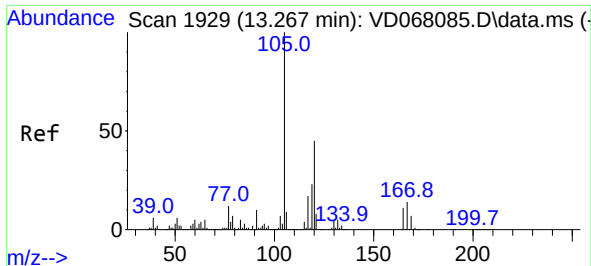
Tgt Ion: 91 Resp: 24227
Ion Ratio Lower Upper
91 100
120 22.9 12.0 36.0



#80
1,3,5-Trimethylbenzene
Concen: 1.88 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VD068176.D
Acq: 25 Jan 2021 19:06

Tgt Ion: 105 Resp: 25294
Ion Ratio Lower Upper
105 100
120 48.4 24.2 72.6

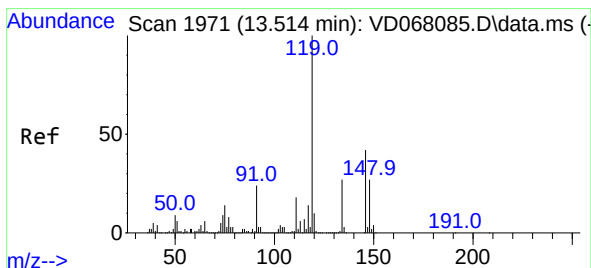
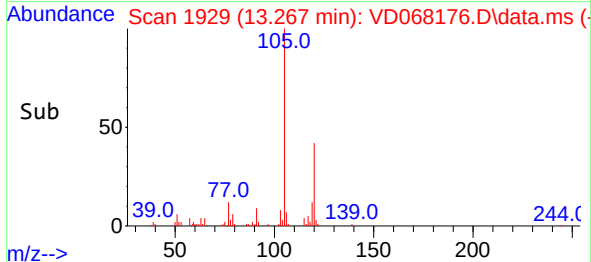
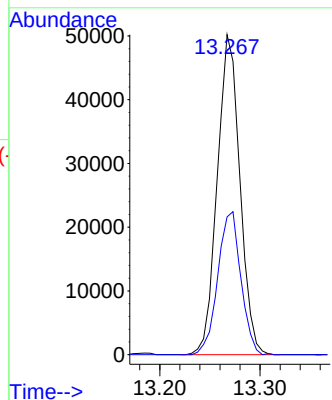
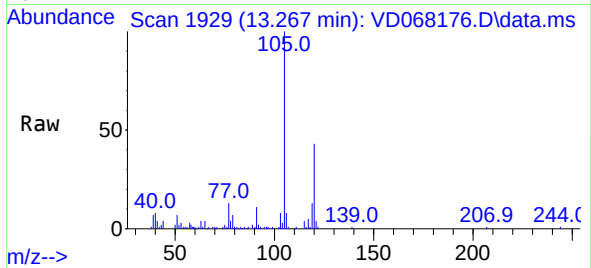




#84
1,2,4-Trimethylbenzene
Concen: 5.90 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068176.D
Acq: 25 Jan 2021 19:06

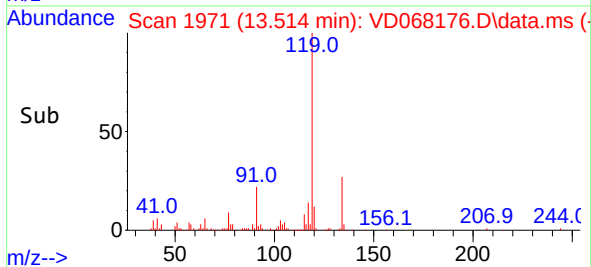
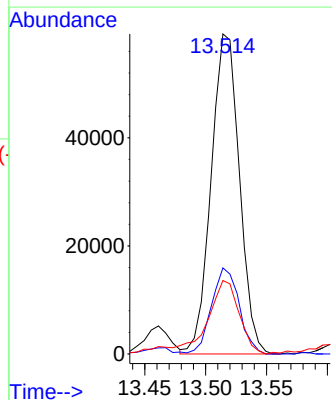
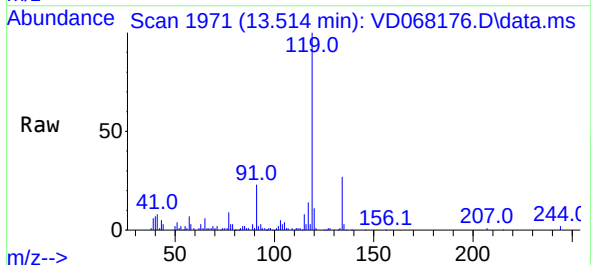
Instrument :
MSVOA_D
ClientSampleId :
1617RE

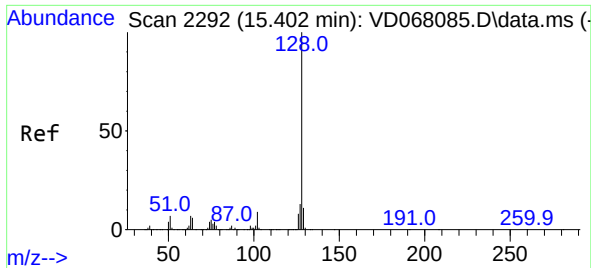
Tgt Ion:105 Resp: 78644
Ion Ratio Lower Upper
105 100
120 45.6 22.4 67.0



#86
p-Isopropyltoluene
Concen: 6.61 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068176.D
Acq: 25 Jan 2021 19:06

Tgt Ion:119 Resp: 95727
Ion Ratio Lower Upper
119 100
134 26.1 12.9 38.7
91 27.4 11.7 35.0





#95
Naphthalene
Concen: 1.41 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. -0.006 min
Lab File: VD068176.D
Acq: 25 Jan 2021 19:06

Instrument :
MSVOA_D
ClientSampleId :
1617RE

Tgt Ion:	128	Resp:	10308
Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.2	15.2
129	10.9	8.8	13.2

