

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012722\
 Data File : VD071798.D
 Acq On : 27 Jan 2022 13:35
 Operator : VA/SY
 Sample : N1208-04
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP25-07-20220119-29.5-30.0

Quant Time: Jan 27 15:38:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

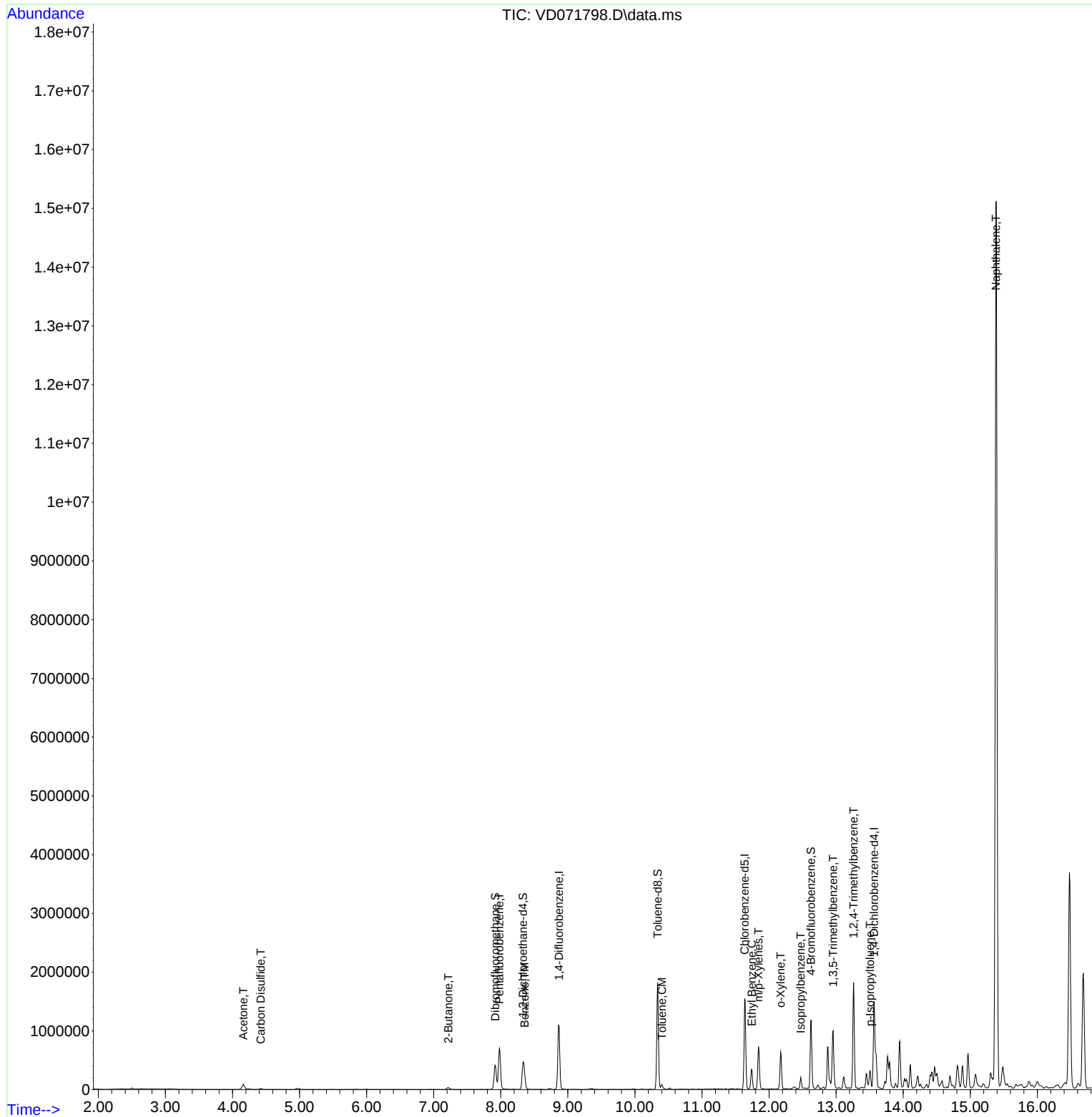
Internal Standards						
1) Pentafluorobenzene	7.979	168	483407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	910621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	826961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	353303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	314260	51.434	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.860%	
35) Dibromofluoromethane	7.920	113	301654	50.395	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.800%	
50) Toluene-d8	10.338	98	1143487	51.152	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.300%	
62) 4-Bromofluorobenzene	12.626	95	377559	48.364	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.720%	
Target Compounds						
					Qvalue	
16) Acetone	4.161	43	147613	88.256	ug/l	97
17) Carbon Disulfide	4.420	76	25169	1.359	ug/l	96
25) 2-Butanone	7.220	43	48377	24.811	ug/l	99
40) Benzene	8.355	78	175723	6.336	ug/l	97
52) Toluene	10.402	92	31624	1.834	ug/l	93
67) Ethyl Benzene	11.743	91	233062	7.240	ug/l	98
68) m/p-Xylenes	11.843	106	197398	16.121	ug/l	98
69) o-Xylene	12.173	106	161125	14.480	ug/l	98
73) Isopropylbenzene	12.473	105	113548	4.150	ug/l	100
80) 1,3,5-Trimethylbenzene	12.955	105	484987	21.373	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	958678	42.948	ug/l	99
86) p-Isopropyltoluene	13.508	119	151071	6.318	ug/l	98
95) Naphthalene	15.384	128	12398080	982.273	ug/l	97

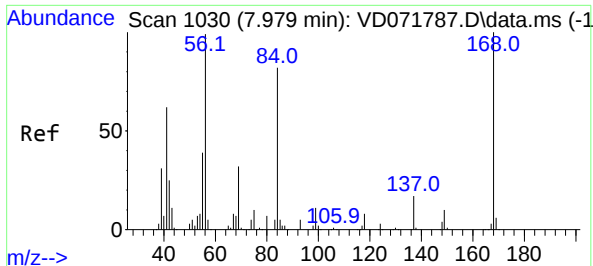
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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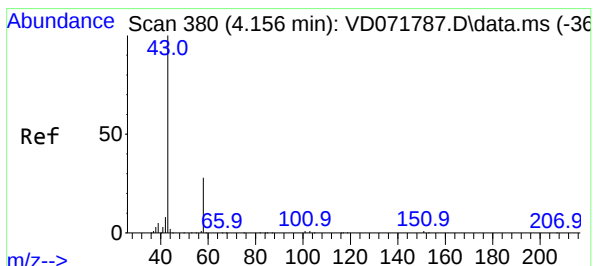
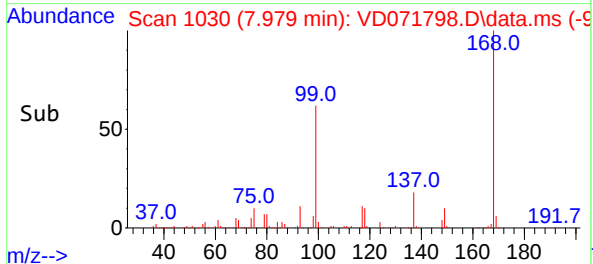
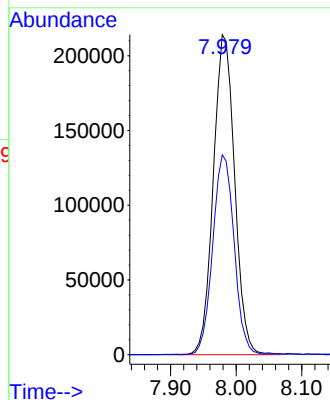
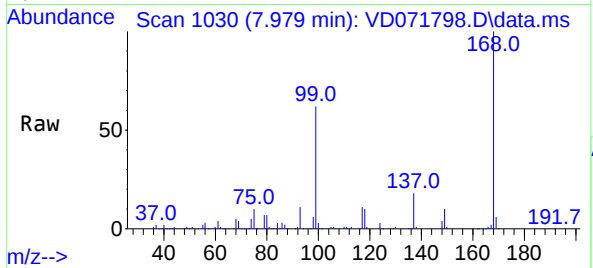




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071798.D
Acq: 27 Jan 2022 13:35

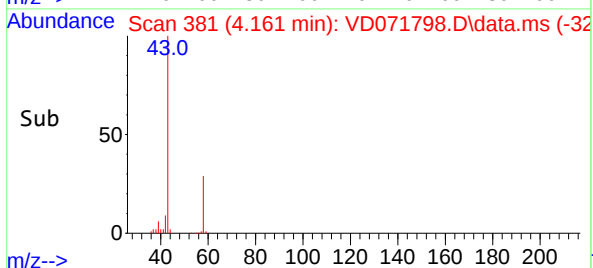
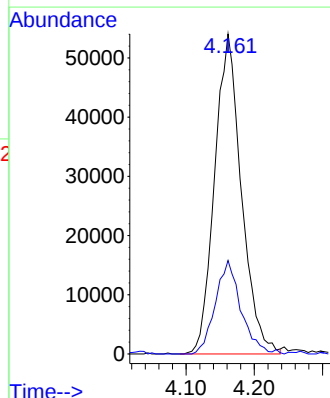
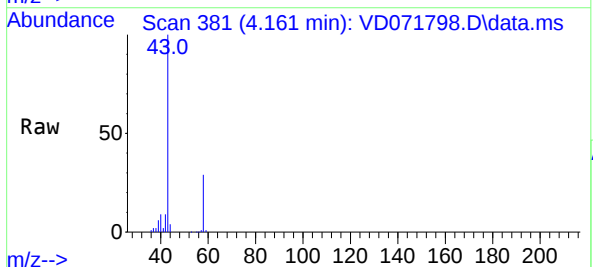
Instrument :
MSVOA_D
ClientSampleId :
SP25-07-20220119-29.5-30.0

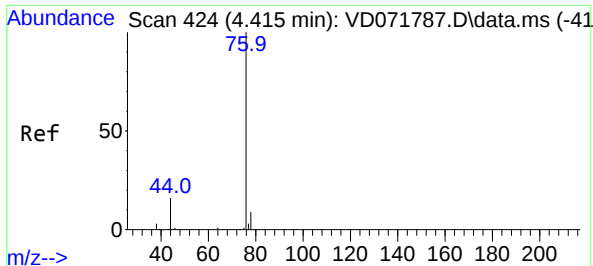
Tgt Ion:168 Resp: 483407
Ion Ratio Lower Upper
168 100
99 62.4 49.8 74.6



#16
Acetone
Concen: 88.256 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071798.D
Acq: 27 Jan 2022 13:35

Tgt Ion: 43 Resp: 147613
Ion Ratio Lower Upper
43 100
58 29.2 22.1 33.1

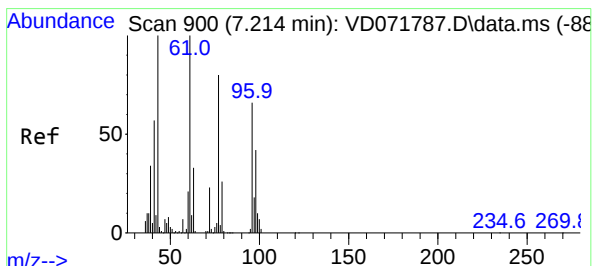
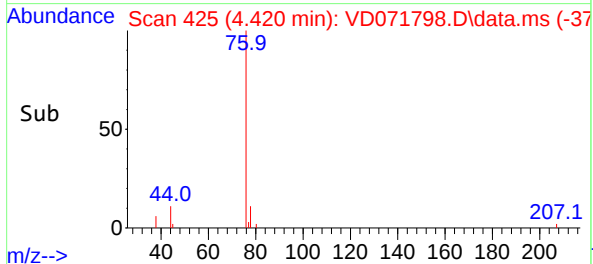
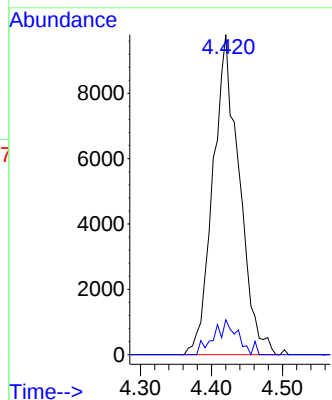
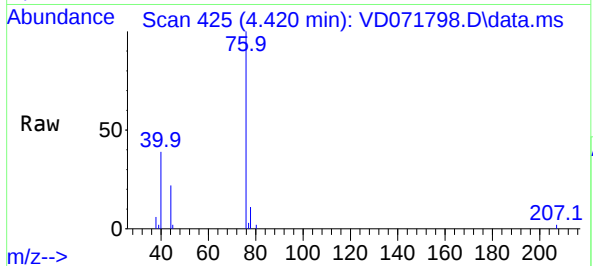




#17
Carbon Disulfide
Concen: 1.359 ug/l
RT: 4.420 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD071798.D
Acq: 27 Jan 2022 13:35

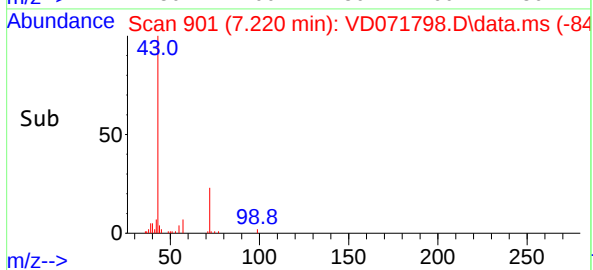
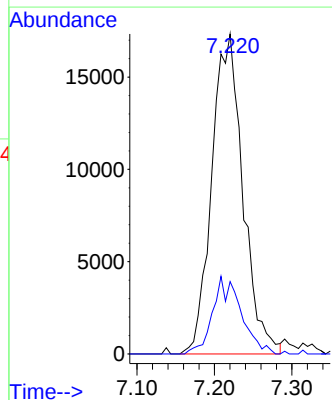
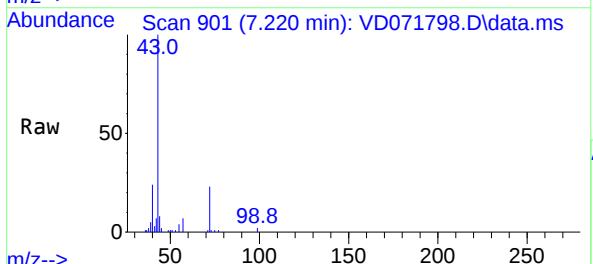
Instrument :
MSVOA_D
ClientSampleId :
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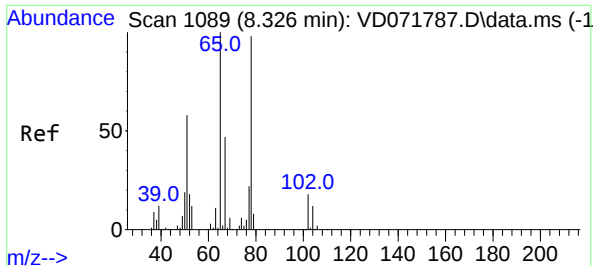
Tgt Ion: 76 Resp: 25169
Ion Ratio Lower Upper
76 100
78 10.9 7.5 11.3



#25
2-Butanone
Concen: 24.811 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD071798.D
Acq: 27 Jan 2022 13:35

Tgt Ion: 43 Resp: 48377
Ion Ratio Lower Upper
43 100
72 22.6 18.6 27.8

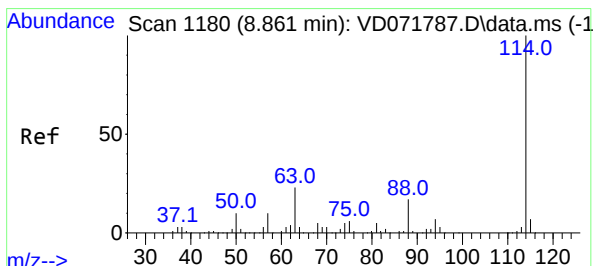
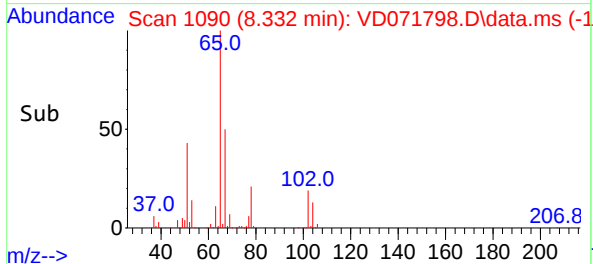
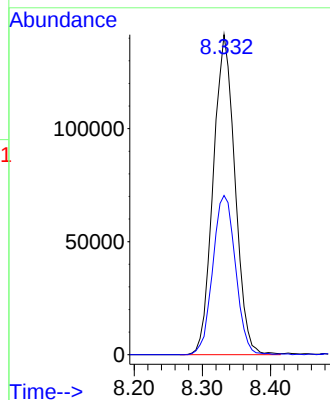
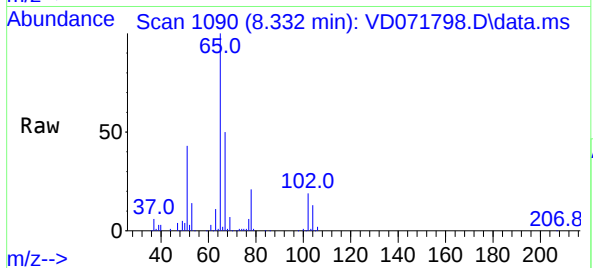




#33
 1,2-Dichloroethane-d4
 Concen: 51.434 ug/l
 RT: 8.332 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: VD071798.D
 Acq: 27 Jan 2022 13:35

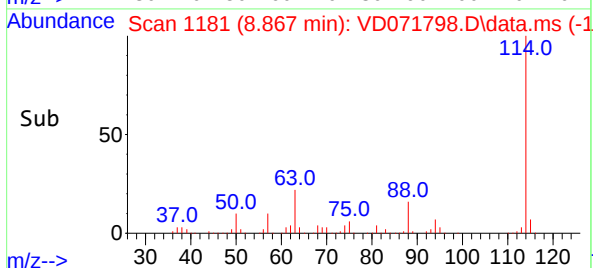
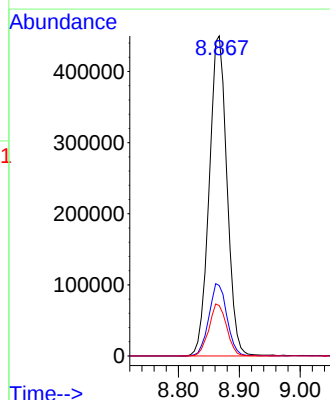
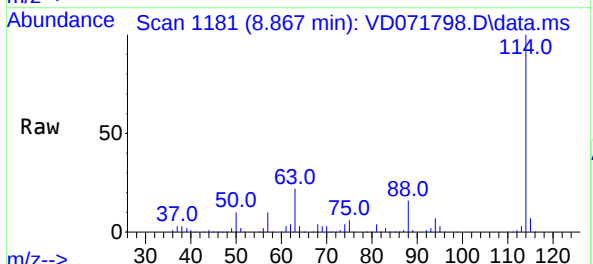
Instrument :
 MSVOA_D
 ClientSampleId :
 SP25-07-20220119-29.5-30.0

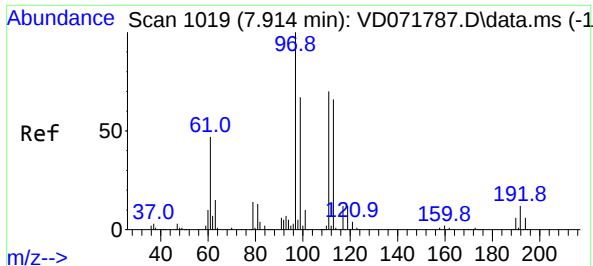
Tgt Ion: 65 Resp: 314260
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.006 min
 Lab File: VD071798.D
 Acq: 27 Jan 2022 13:35

Tgt Ion: 114 Resp: 910621
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 46.6
 88 15.7 0.0 33.2

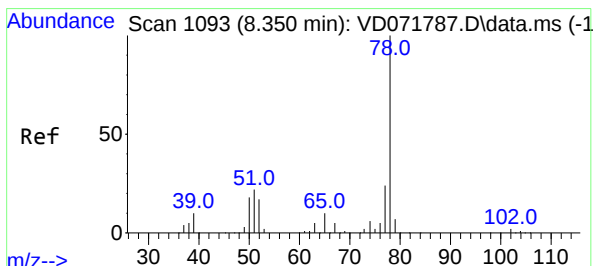
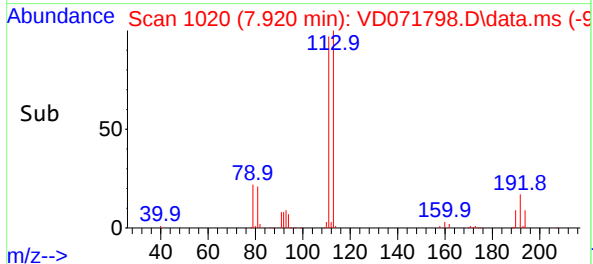
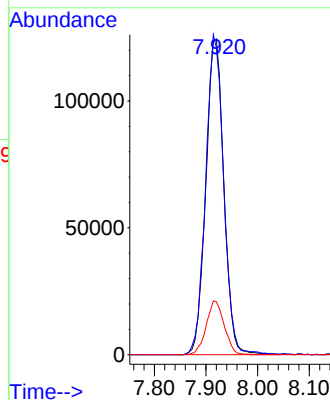
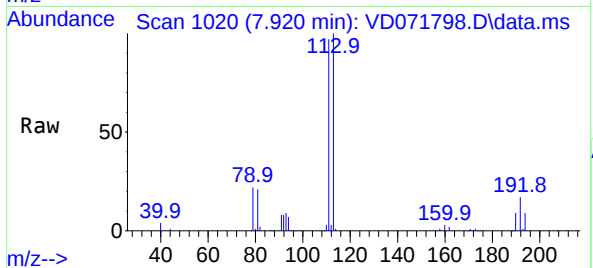




#35
Dibromofluoromethane
Concen: 50.395 ug/l
RT: 7.920 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD071798.D
Acq: 27 Jan 2022 13:35

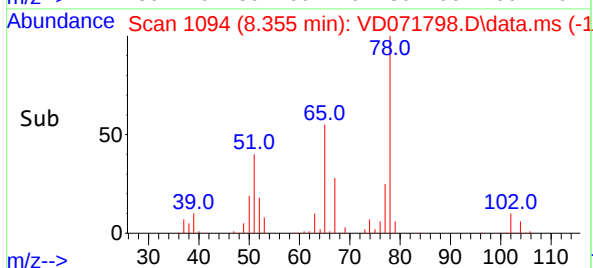
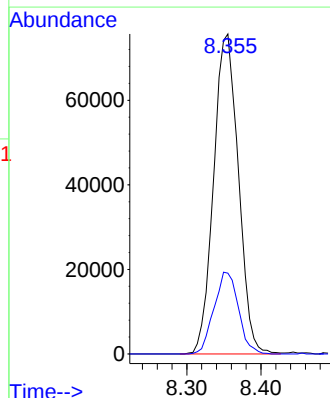
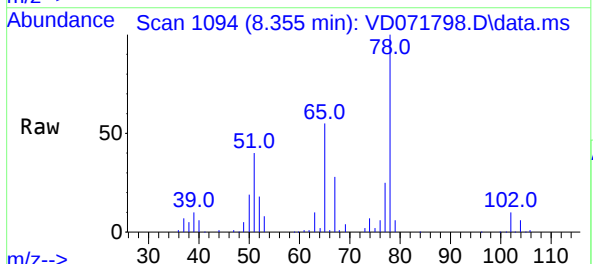
Instrument :
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ClientSampleId :
SP25-07-20220119-29.5-30.0

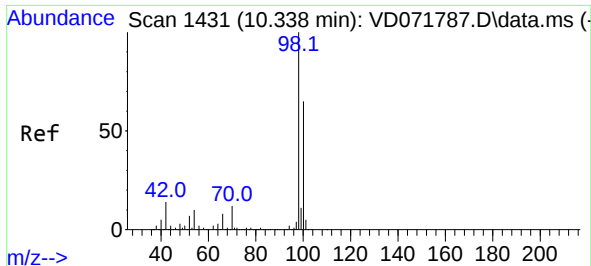
Tgt Ion:113 Resp: 301654
Ion Ratio Lower Upper
113 100
111 101.0 83.8 125.6
192 17.0 14.6 21.8



#40
Benzene
Concen: 6.336 ug/l
RT: 8.355 min Scan# 1094
Delta R.T. 0.006 min
Lab File: VD071798.D
Acq: 27 Jan 2022 13:35

Tgt Ion: 78 Resp: 175723
Ion Ratio Lower Upper
78 100
77 25.3 19.1 28.7

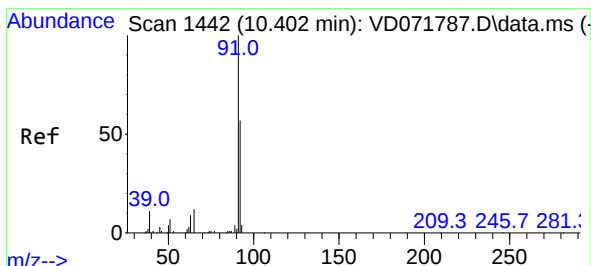
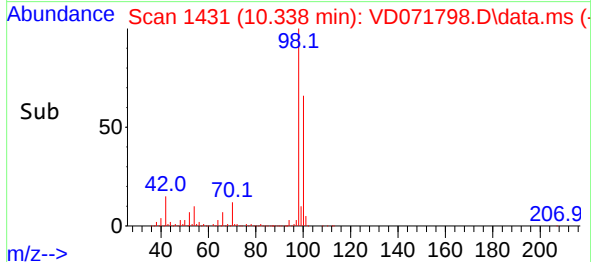
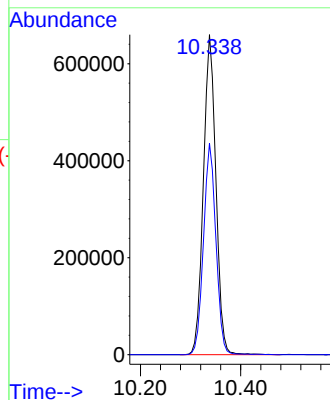
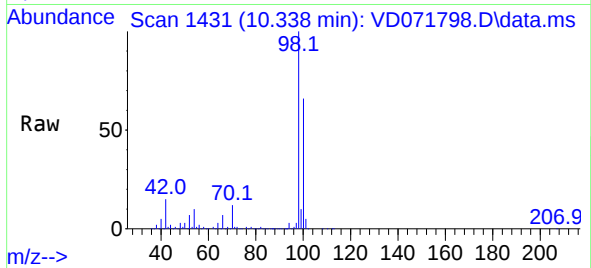




#50
Toluene-d8
Concen: 51.152 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071798.D
Acq: 27 Jan 2022 13:35

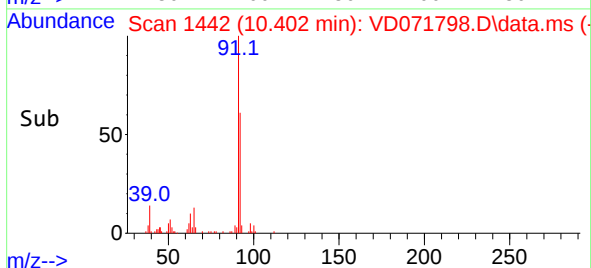
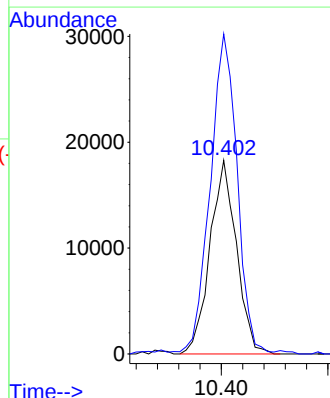
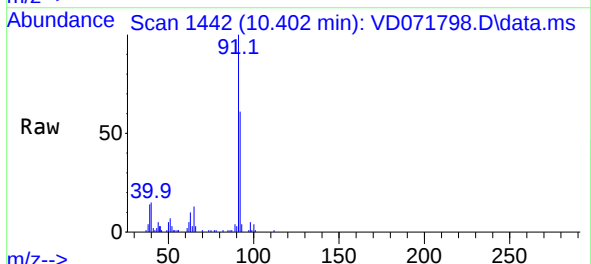
Instrument :
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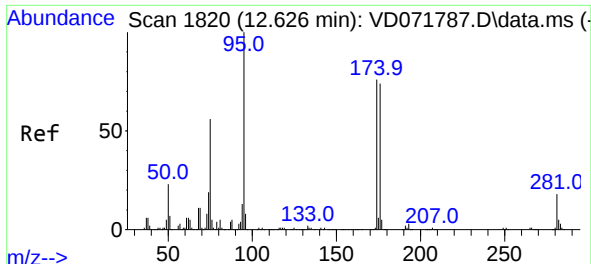
Tgt Ion: 98 Resp: 1143487
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6



#52
Toluene
Concen: 1.834 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.000 min
Lab File: VD071798.D
Acq: 27 Jan 2022 13:35

Tgt Ion: 92 Resp: 31624
Ion Ratio Lower Upper
92 100
91 164.7 139.6 209.4

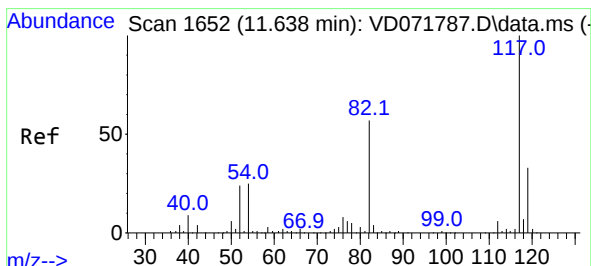
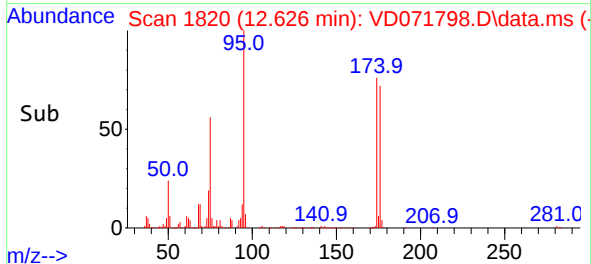
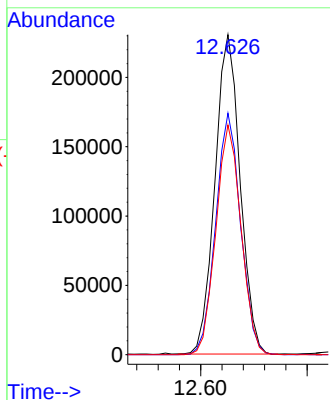
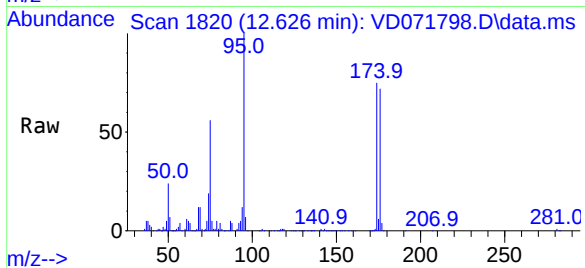




#62
4-Bromofluorobenzene
Concen: 48.364 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071798.D
Acq: 27 Jan 2022 13:35

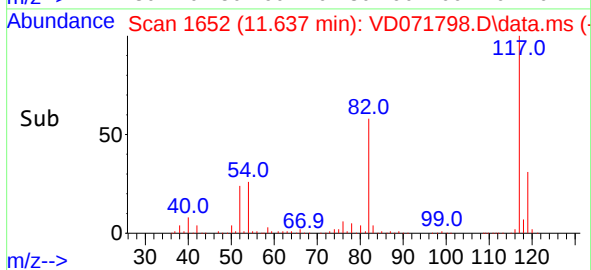
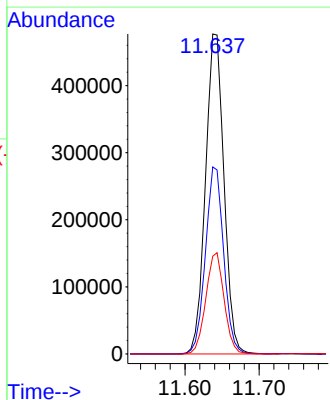
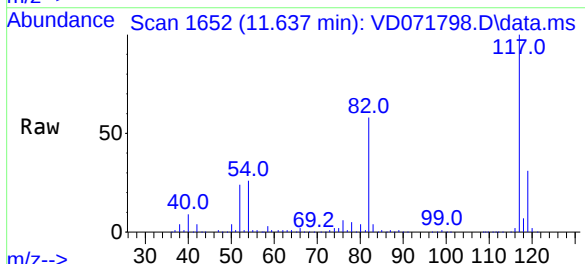
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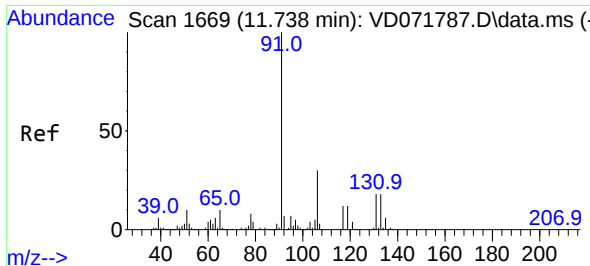
Tgt Ion: 95 Resp: 377559
Ion Ratio Lower Upper
95 100
174 74.9 0.0 152.8
176 71.7 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071798.D
Acq: 27 Jan 2022 13:35

Tgt Ion: 117 Resp: 826961
Ion Ratio Lower Upper
117 100
82 58.4 45.3 67.9
119 30.6 26.6 40.0

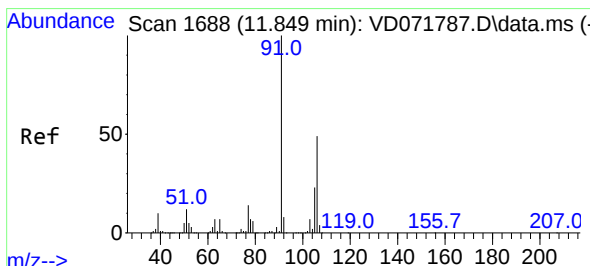
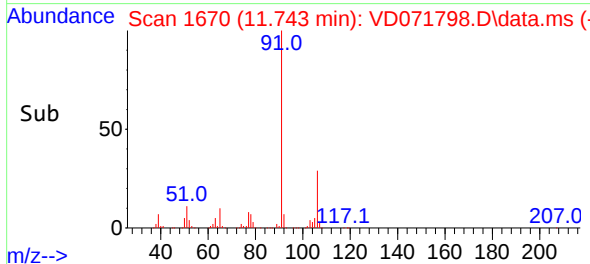
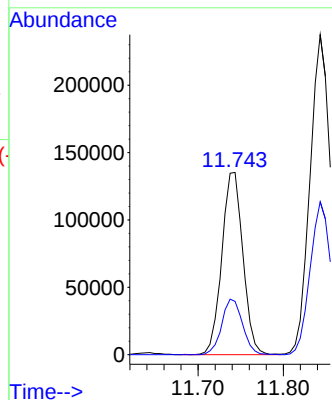
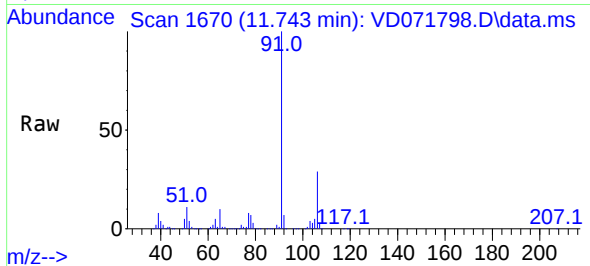




#67
Ethyl Benzene
Concen: 7.240 ug/l
RT: 11.743 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VD071798.D
Acq: 27 Jan 2022 13:35

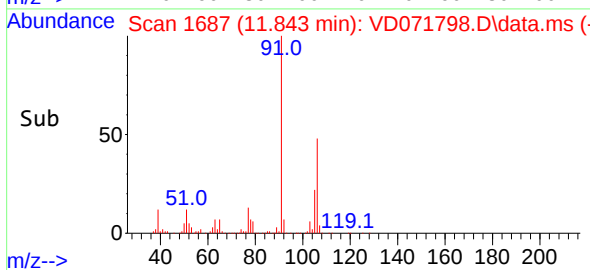
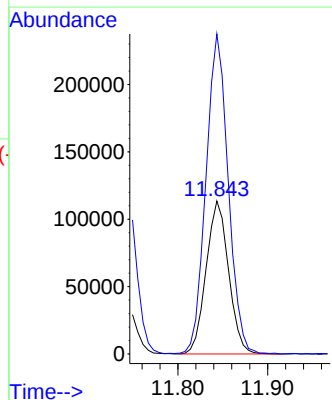
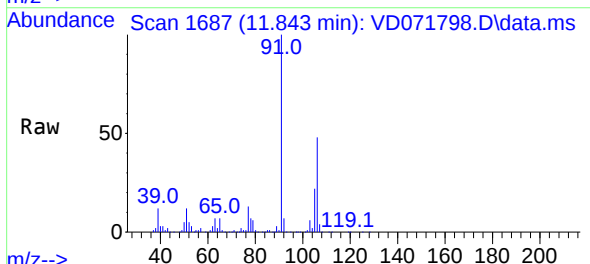
Instrument :
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SP25-07-20220119-29.5-30.0

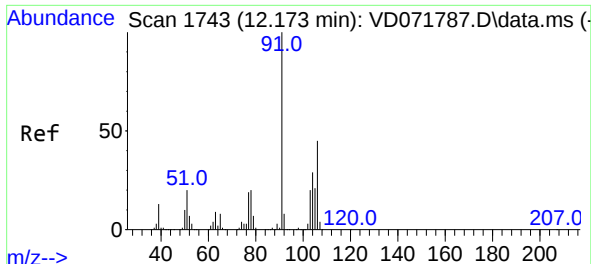
Tgt Ion: 91 Resp: 233062
Ion Ratio Lower Upper
91 100
106 29.3 24.2 36.4



#68
m/p-Xylenes
Concen: 16.121 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD071798.D
Acq: 27 Jan 2022 13:35

Tgt Ion:106 Resp: 197398
Ion Ratio Lower Upper
106 100
91 207.1 163.7 245.5

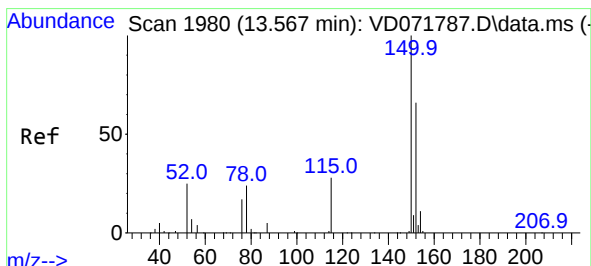
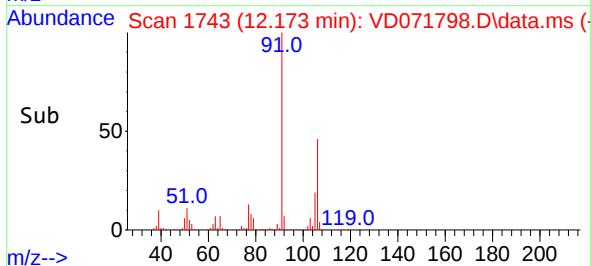
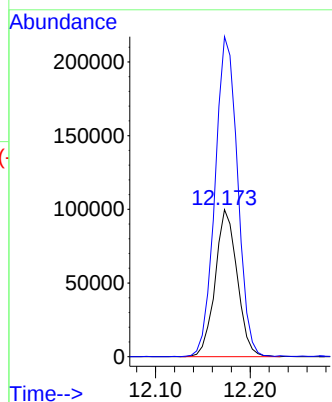
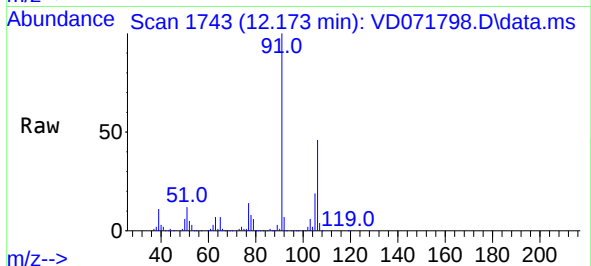




#69
o-Xylene
Concen: 14.480 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD071798.D
Acq: 27 Jan 2022 13:35

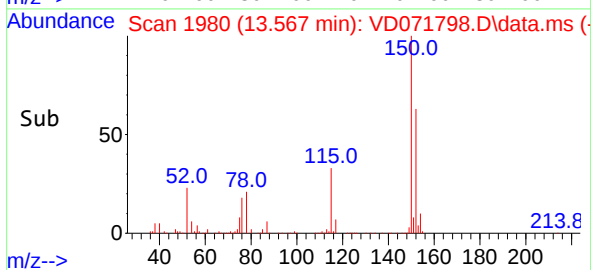
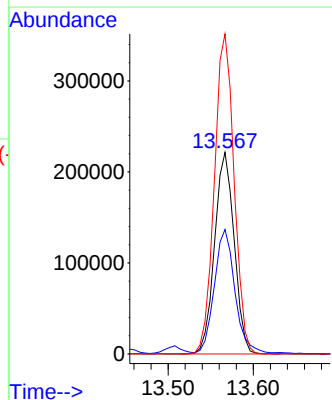
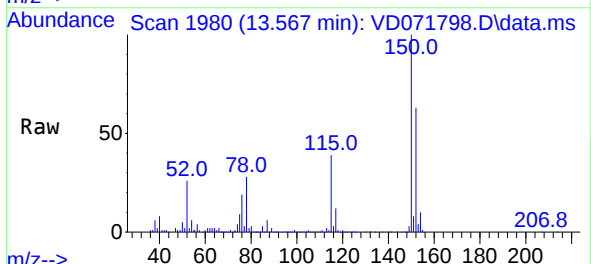
Instrument :
MSVOA_D
ClientSampleId :
SP25-07-20220119-29.5-30.0

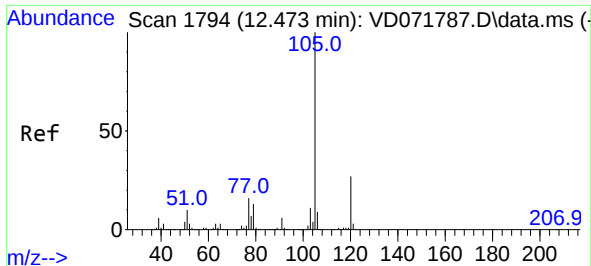
Tgt Ion:106 Resp: 161125
Ion Ratio Lower Upper
106 100
91 223.4 110.4 331.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071798.D
Acq: 27 Jan 2022 13:35

Tgt Ion:152 Resp: 353303
Ion Ratio Lower Upper
152 100
115 66.2 31.3 93.8
150 160.0 0.0 348.6

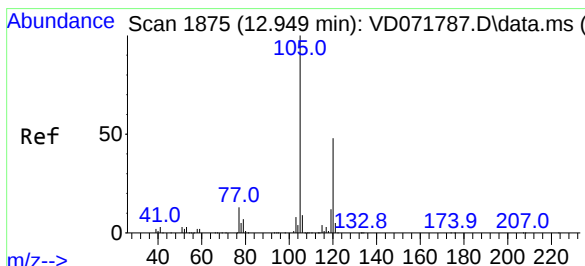
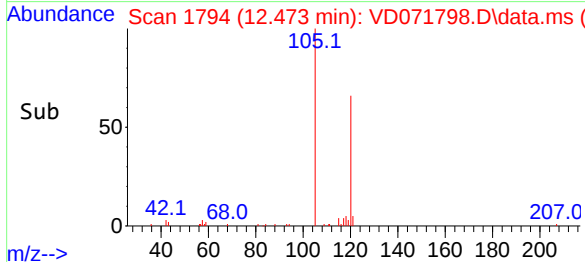
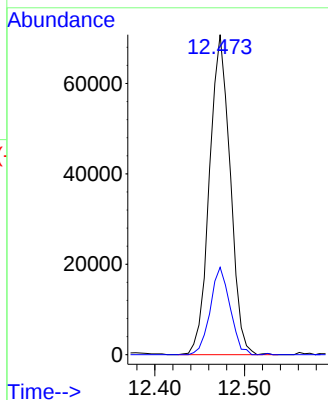
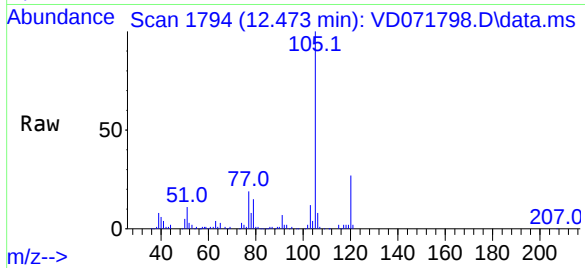




#73
Isopropylbenzene
Concen: 4.150 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD071798.D
Acq: 27 Jan 2022 13:35

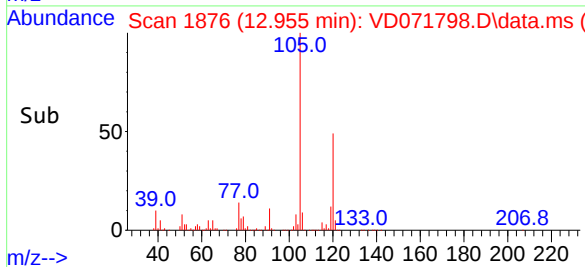
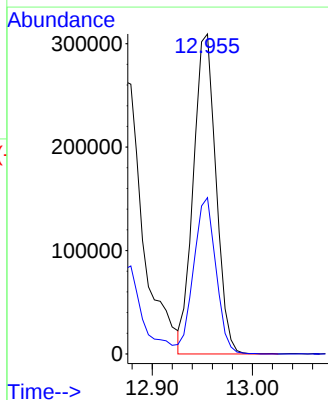
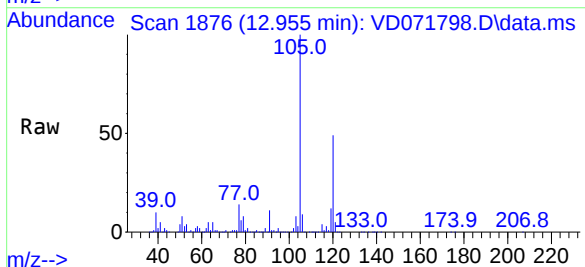
Instrument :
MSVOA_D
ClientSampleId :
SP25-07-20220119-29.5-30.0

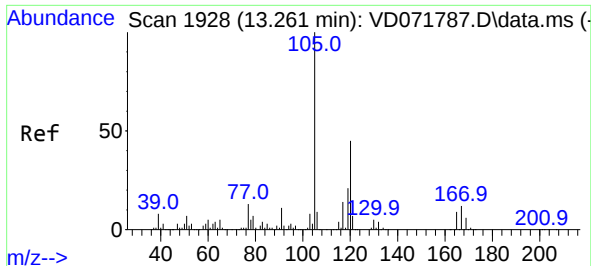
Tgt Ion:105 Resp: 113548
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9



#80
1,3,5-Trimethylbenzene
Concen: 21.373 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VD071798.D
Acq: 27 Jan 2022 13:35

Tgt Ion:105 Resp: 484987
Ion Ratio Lower Upper
105 100
120 48.8 24.3 72.8

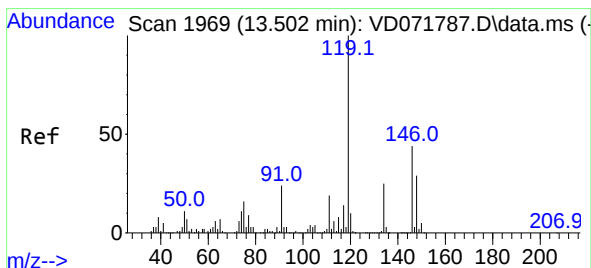
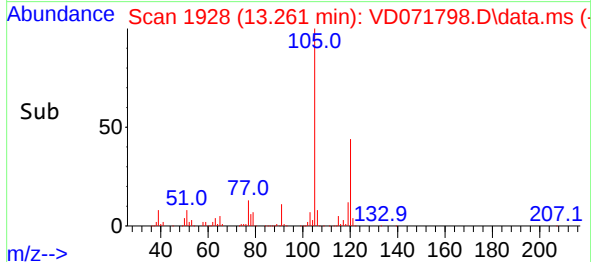
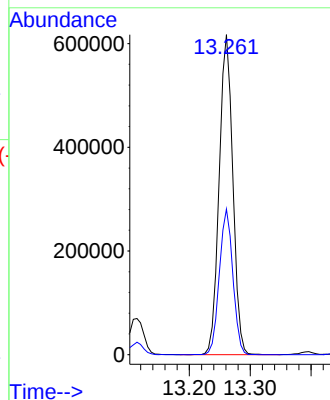
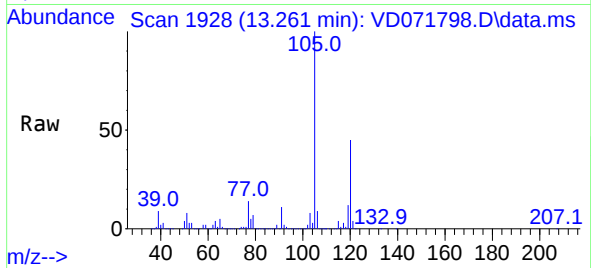




#84
1,2,4-Trimethylbenzene
Concen: 42.948 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD071798.D
Acq: 27 Jan 2022 13:35

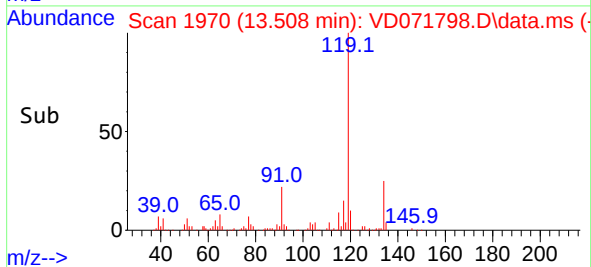
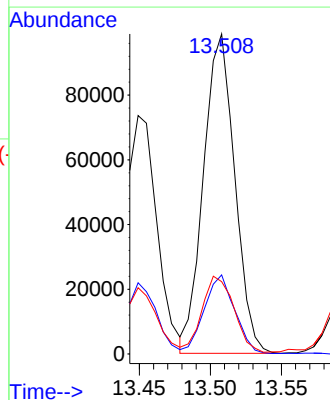
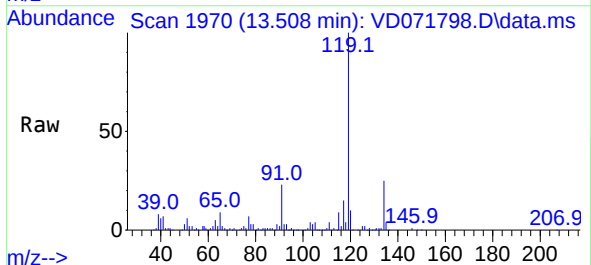
Instrument :
MSVOA_D
ClientSampleId :
SP25-07-20220119-29.5-30.0

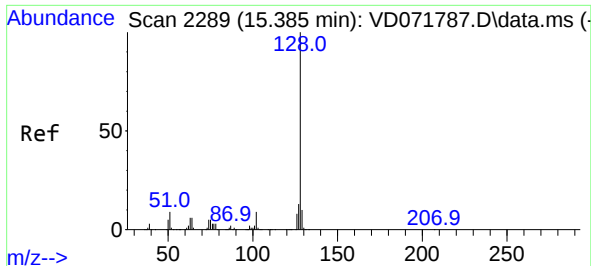
Tgt Ion:105 Resp: 958678
Ion Ratio Lower Upper
105 100
120 45.0 22.3 66.8



#86
p-Isopropyltoluene
Concen: 6.318 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. 0.006 min
Lab File: VD071798.D
Acq: 27 Jan 2022 13:35

Tgt Ion:119 Resp: 151071
Ion Ratio Lower Upper
119 100
134 24.0 12.9 38.6
91 23.8 12.1 36.3





#95

Naphthalene

Concen: 982.273 ug/l

RT: 15.384 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD071798.D

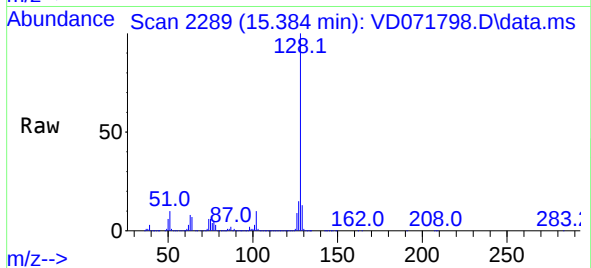
Acq: 27 Jan 2022 13:35

Instrument :

MSVOA_D

ClientSampleId :

SP25-07-20220119-29.5-30.0



Tgt Ion:128 Resp:12398080

Ion Ratio Lower Upper

128 100

127 14.2 10.3 15.5

129 11.9 8.4 12.6

