

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102121\
 Data File : VD070795.D
 Acq On : 21 Oct 2021 12:26
 Operator : VA/SY
 Sample : M4284-04
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 16943

Quant Time: Oct 22 07:53:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

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

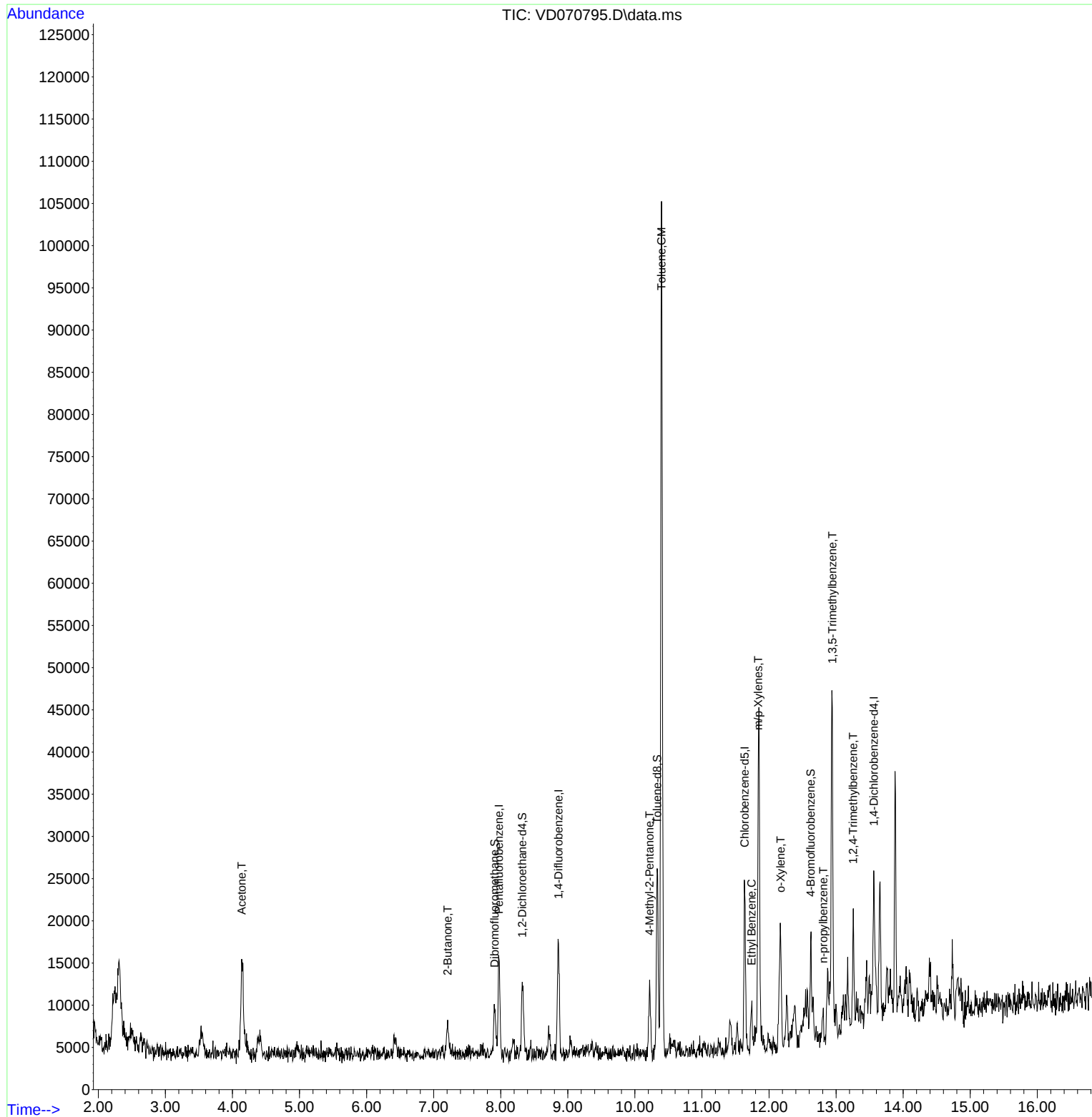
Internal Standards						
1) Pentafluorobenzene	7.973	168	7422	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	12454	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	11300	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	3579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	7348	83.587	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 167.180%#	
35) Dibromofluoromethane	7.909	113	3806	47.728	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.460%	
50) Toluene-d8	10.332	98	15023	49.145	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.300%	
62) 4-Bromofluorobenzene	12.620	95	4251	40.387	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 80.780%	
Target Compounds						
16) Acetone	4.138	43	19628	925.722	ug/l	Qvalue 99
25) 2-Butanone	7.209	43	5789	221.006	ug/l	# 76
51) 4-Methyl-2-Pentanone	10.220	43	5920	102.437	ug/l	# 82
52) Toluene	10.397	92	40319	169.488	ug/l	98
67) Ethyl Benzene	11.738	91	4205	9.924	ug/l	# 83
68) m/p-Xylenes	11.838	106	7108	44.279	ug/l	99
69) o-Xylene	12.173	106	2630	18.060	ug/l	88
78) n-propylbenzene	12.808	91	2579	7.780	ug/l	85
80) 1,3,5-Trimethylbenzene	12.944	105	2106	9.769	ug/l	88
84) 1,2,4-Trimethylbenzene	13.255	105	6172	28.795	ug/l	99

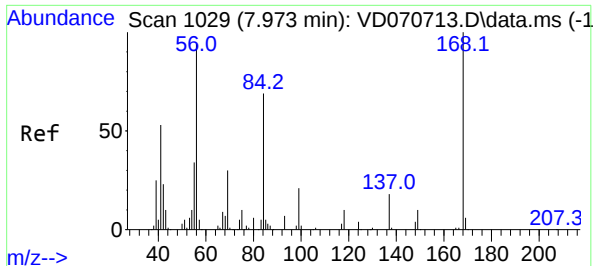
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

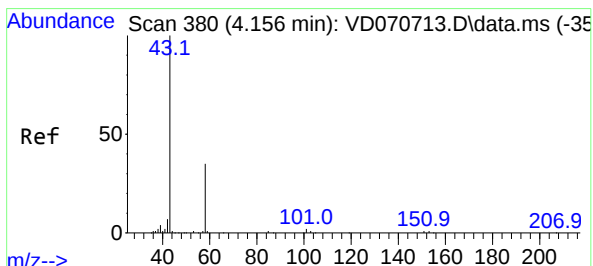
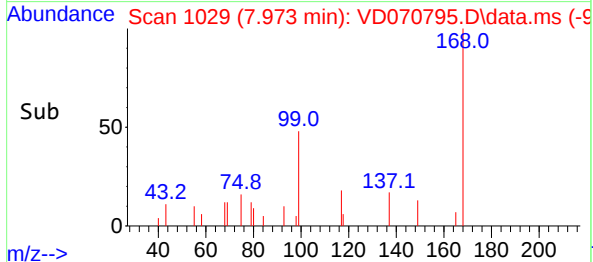
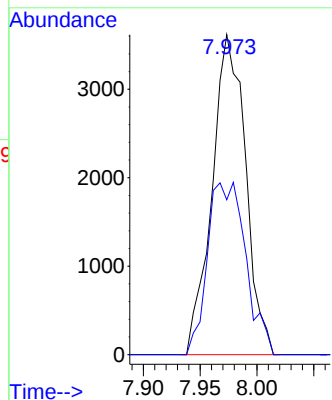
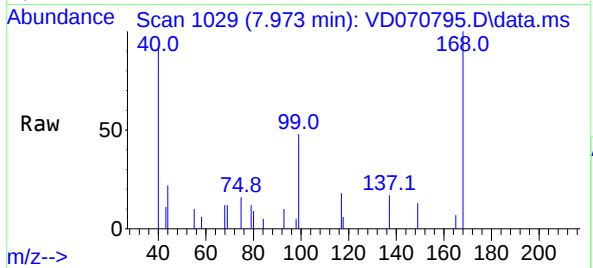




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD070795.D
Acq: 21 Oct 2021 12:26

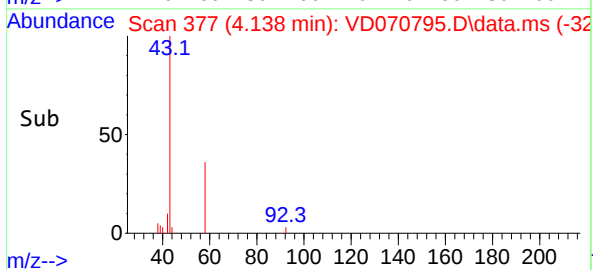
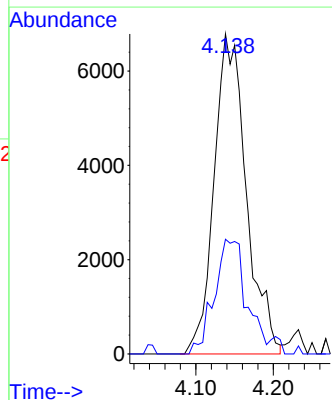
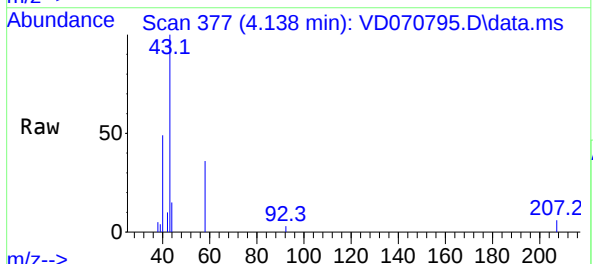
Instrument :
MSVOA_D
ClientSampled :
16943

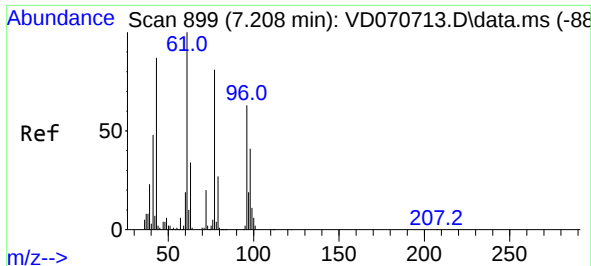
Tgt Ion:168 Resp: 7422
Ion Ratio Lower Upper
168 100
99 48.4 51.4 77.0#



#16
Acetone
Concen: 925.722 ug/l
RT: 4.138 min Scan# 377
Delta R.T. -0.017 min
Lab File: VD070795.D
Acq: 21 Oct 2021 12:26

Tgt Ion: 43 Resp: 19628
Ion Ratio Lower Upper
43 100
58 35.9 28.2 42.2

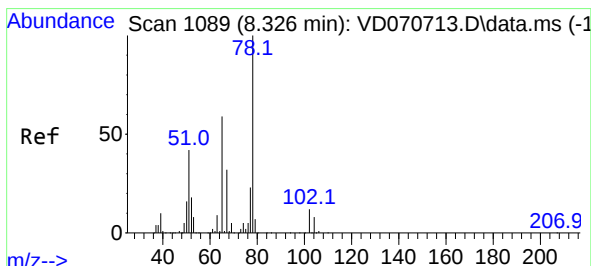
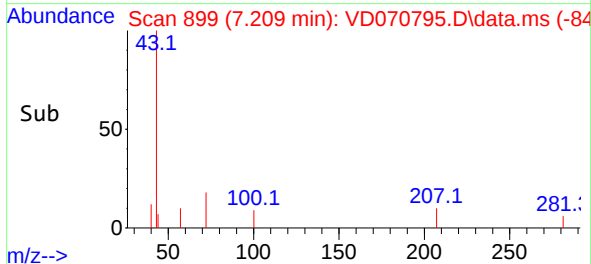
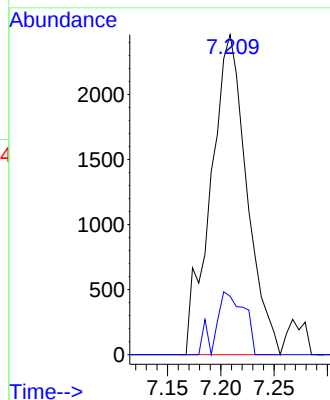
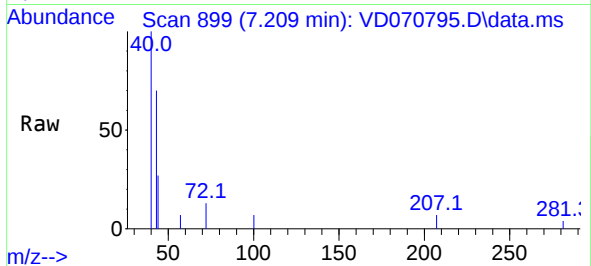




#25
2-Butanone
Concen: 221.006 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD070795.D
Acq: 21 Oct 2021 12:26

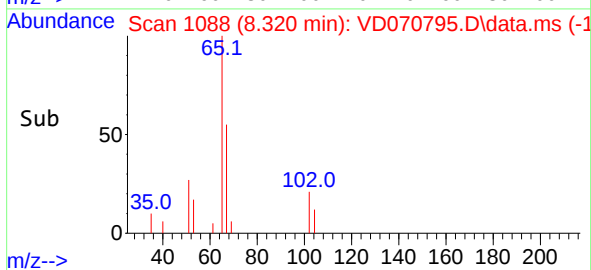
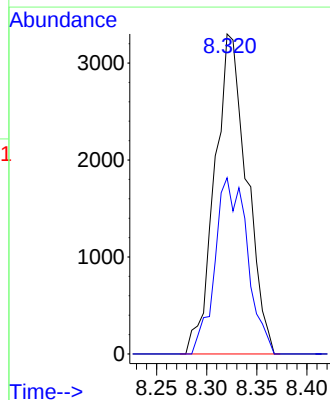
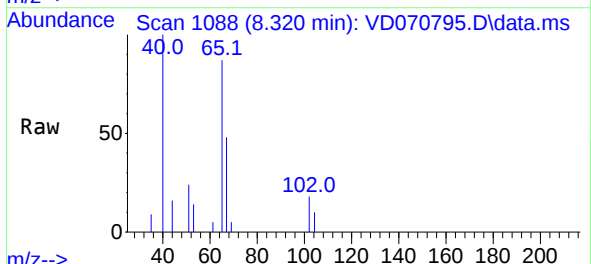
Instrument :
MSVOA_D
ClientSampleId :
16943

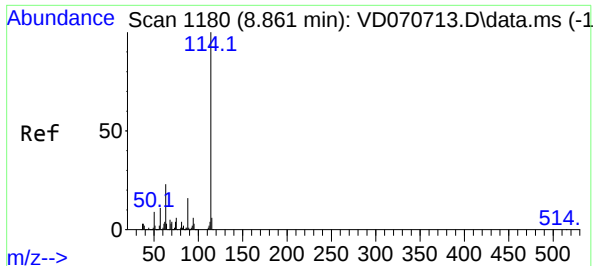
Tgt Ion: 43 Resp: 5789
Ion Ratio Lower Upper
43 100
72 18.3 25.2 37.8#



#33
1,2-Dichloroethane-d4
Concen: 83.587 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD070795.D
Acq: 21 Oct 2021 12:26

Tgt Ion: 65 Resp: 7348
Ion Ratio Lower Upper
65 100
67 55.4 0.0 110.2



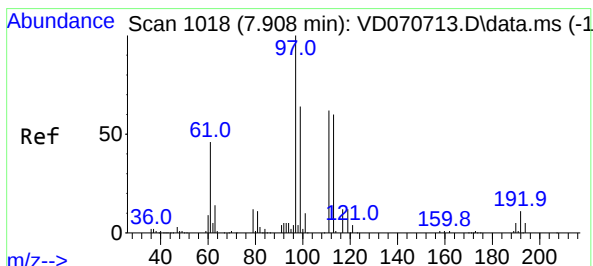
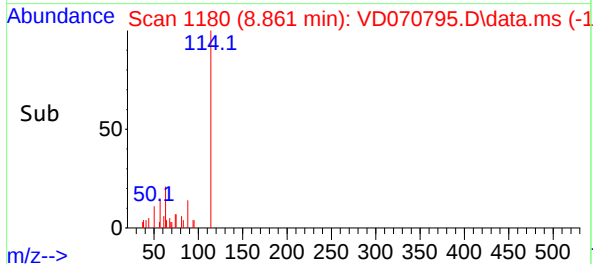
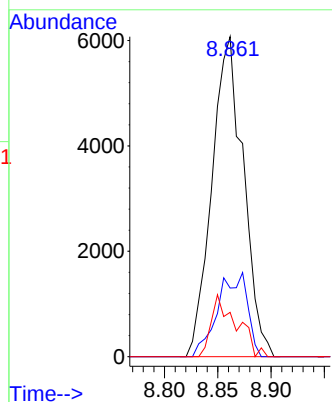
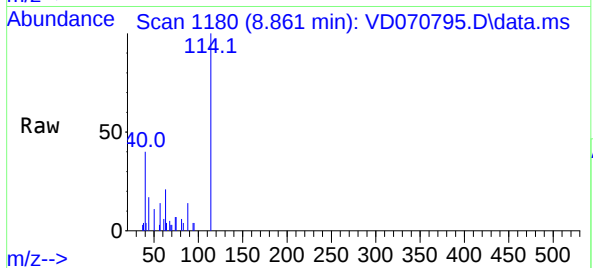


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070795.D
Acq: 21 Oct 2021 12:26

Instrument :
MSVOA_D
ClientSampled :
16943

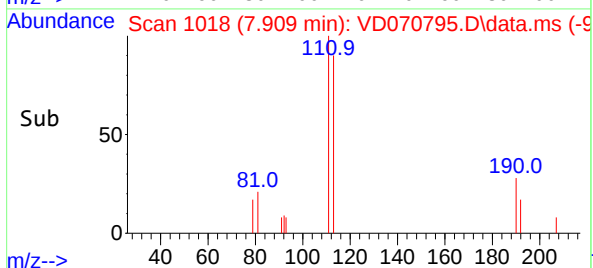
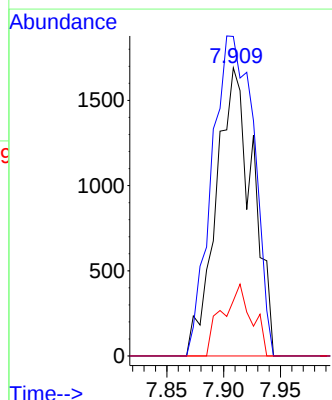
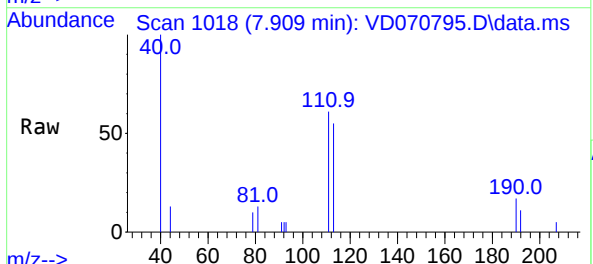
Tgt Ion:	114	Resp:	12454
Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	41.8
88	13.9	0.0	32.6

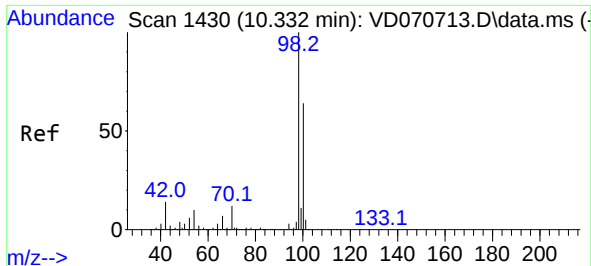


#35

Dibromofluoromethane
Concen: 47.728 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD070795.D
Acq: 21 Oct 2021 12:26

Tgt Ion:	113	Resp:	3806
Ion	Ratio	Lower	Upper
113	100		
111	126.7	83.1	124.7#
192	20.0	12.7	19.1#

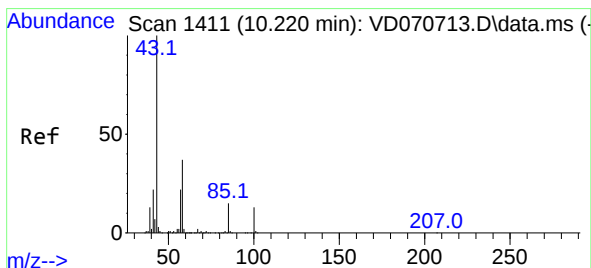
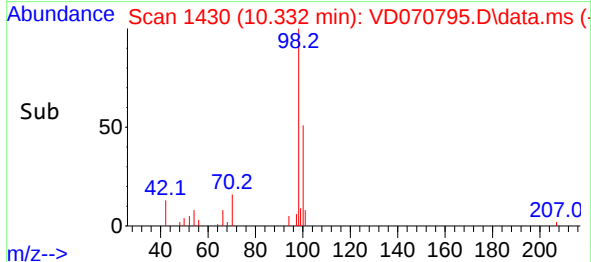
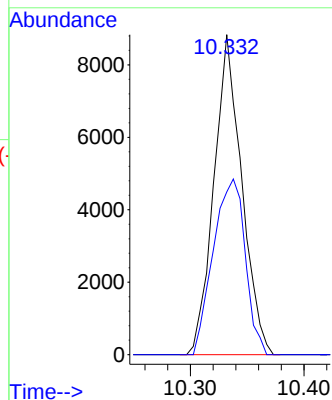
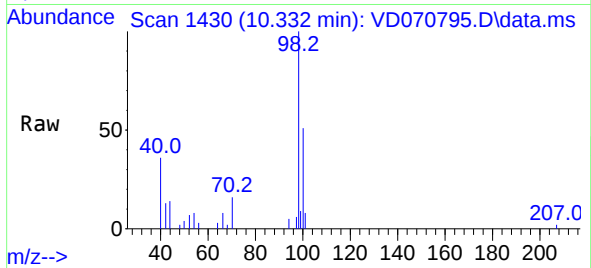




#50
Toluene-d8
Concen: 49.145 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070795.D
Acq: 21 Oct 2021 12:26

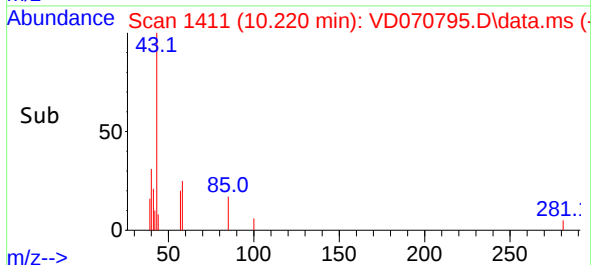
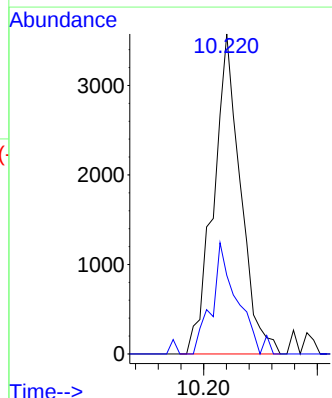
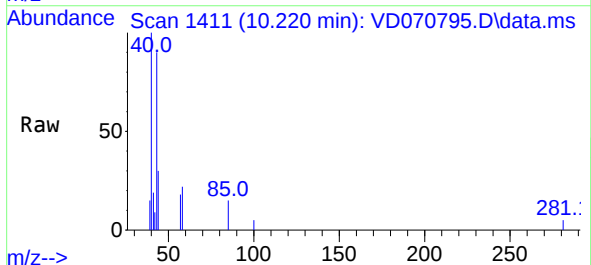
Instrument :
MSVOA_D
ClientSampleId :
16943

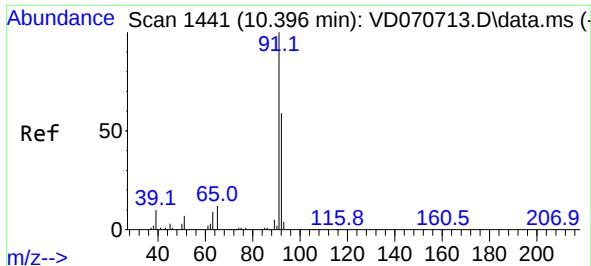
Tgt Ion: 98 Resp: 15023
Ion Ratio Lower Upper
98 100
100 63.0 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 102.437 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD070795.D
Acq: 21 Oct 2021 12:26

Tgt Ion: 43 Resp: 5920
Ion Ratio Lower Upper
43 100
58 32.4 35.0 52.6#

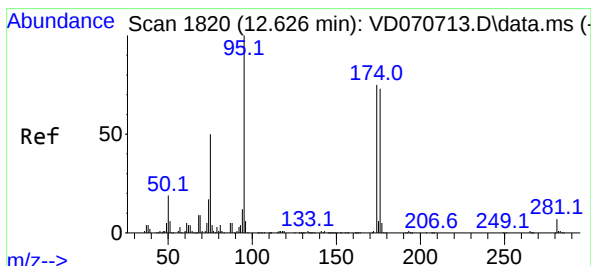
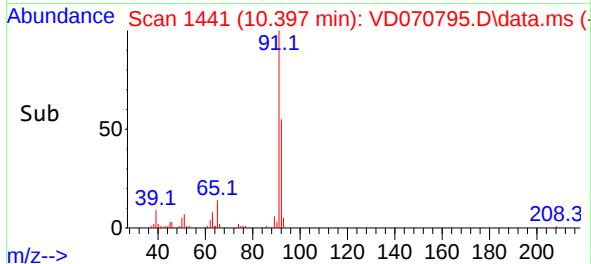
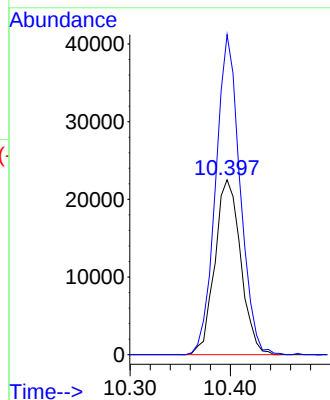
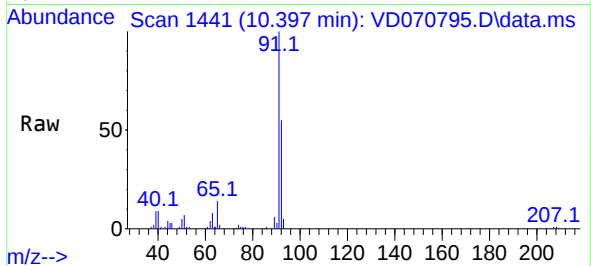




#52
Toluene
Concen: 169.488 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD070795.D
Acq: 21 Oct 2021 12:26

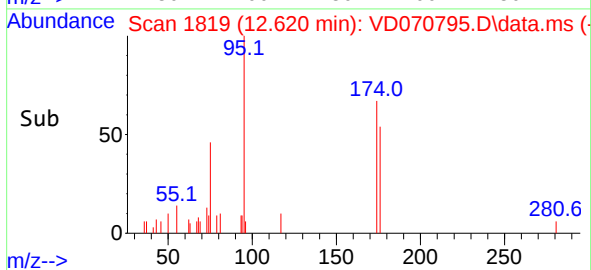
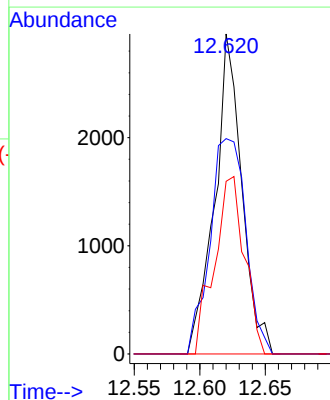
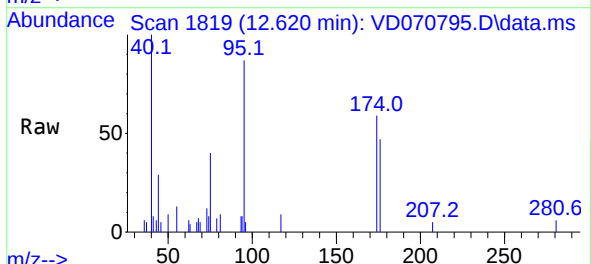
Instrument :
MSVOA_D
ClientSampleId :
16943

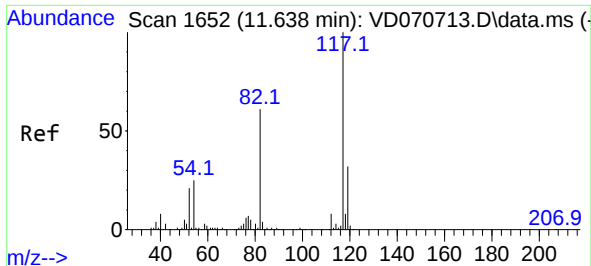
Tgt Ion: 92 Resp: 40319
Ion Ratio Lower Upper
92 100
91 172.7 136.3 204.5



#62
4-Bromofluorobenzene
Concen: 40.387 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070795.D
Acq: 21 Oct 2021 12:26

Tgt Ion: 95 Resp: 4251
Ion Ratio Lower Upper
95 100
174 89.3 0.0 138.0
176 61.6 0.0 135.6

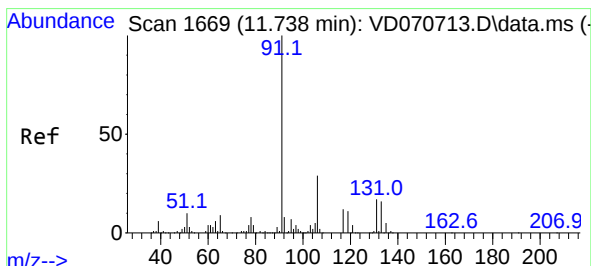
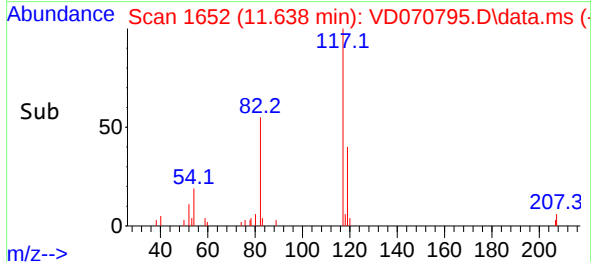
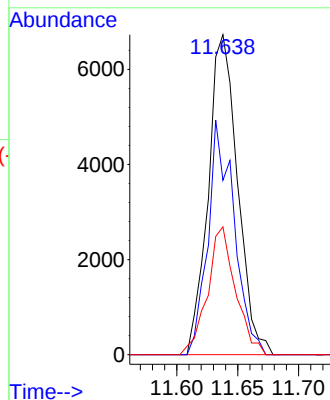
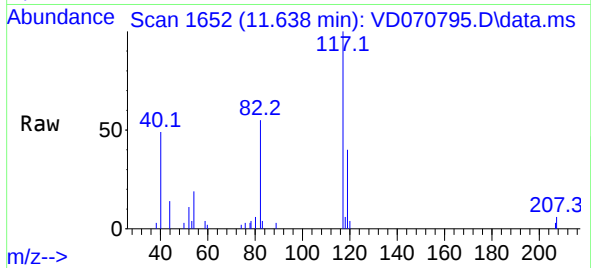




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070795.D
Acq: 21 Oct 2021 12:26

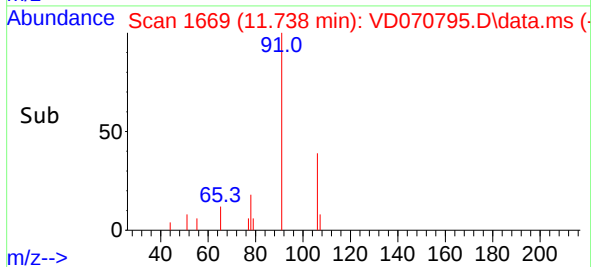
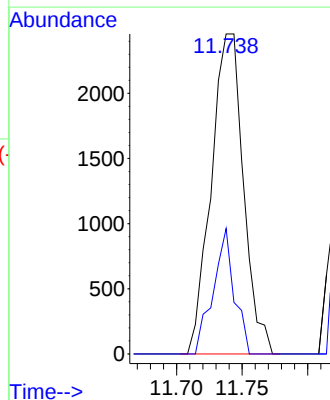
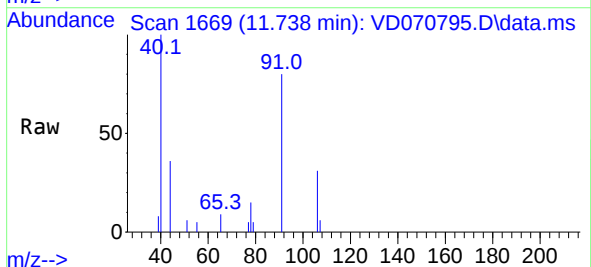
Instrument :
MSVOA_D
ClientSampleId :
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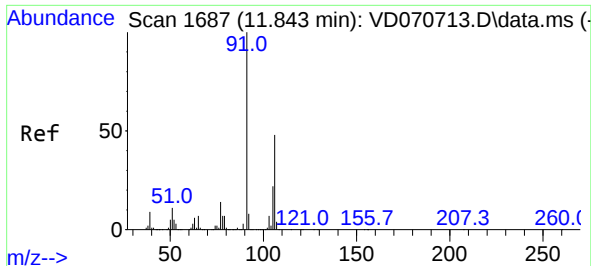
Tgt Ion:	117	Resp:	11300
Ion	Ratio	Lower	Upper
117	100		
82	54.5	45.4	68.2
119	39.9	24.7	37.1#



#67
Ethyl Benzene
Concen: 9.924 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD070795.D
Acq: 21 Oct 2021 12:26

Tgt Ion:	91	Resp:	4205
Ion	Ratio	Lower	Upper
91	100		
106	39.2	24.2	36.2#

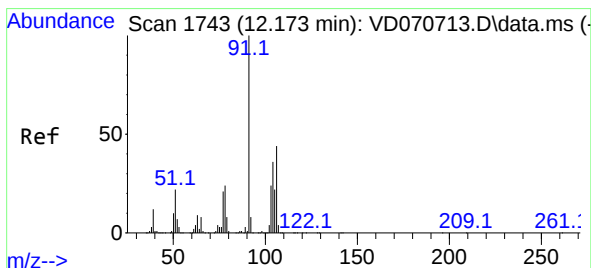
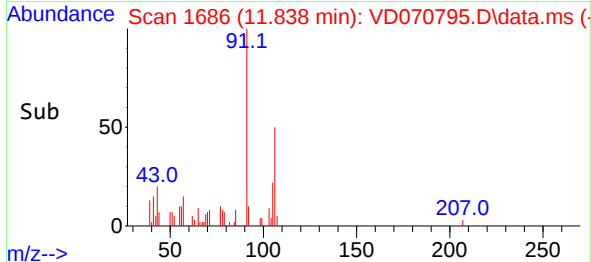
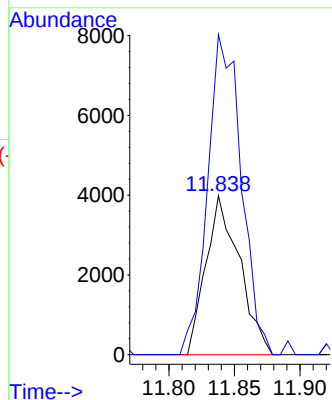
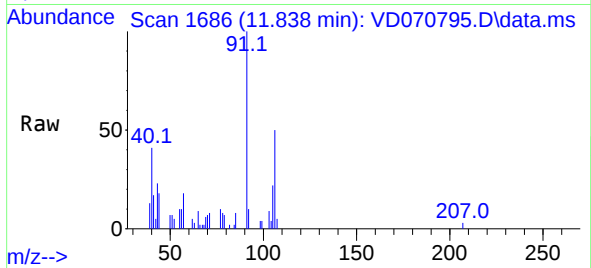




#68
m/p-Xylenes
Concen: 44.279 ug/l
RT: 11.838 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VD070795.D
Acq: 21 Oct 2021 12:26

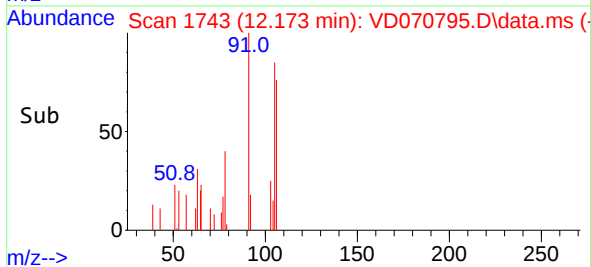
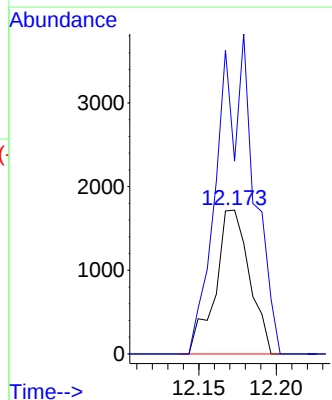
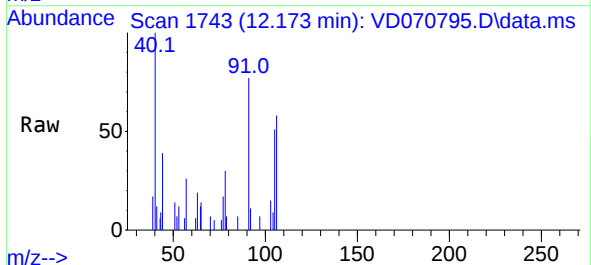
Instrument :
MSVOA_D
ClientSampleId :
16943

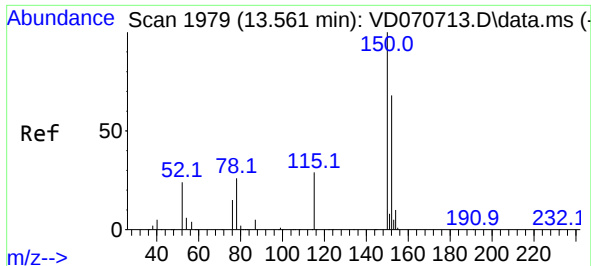
Tgt Ion:106 Resp: 7108
Ion Ratio Lower Upper
106 100
91 201.6 162.7 244.1



#69
o-Xylene
Concen: 18.060 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD070795.D
Acq: 21 Oct 2021 12:26

Tgt Ion:106 Resp: 2630
Ion Ratio Lower Upper
106 100
91 235.2 107.8 323.6

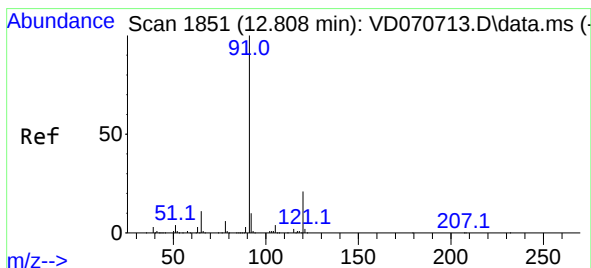
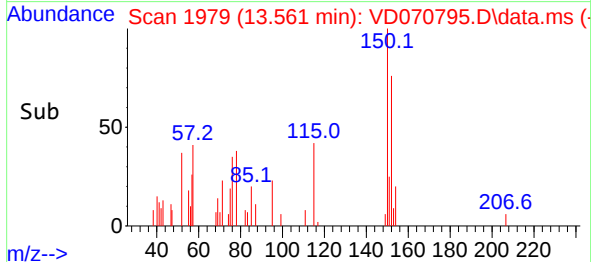
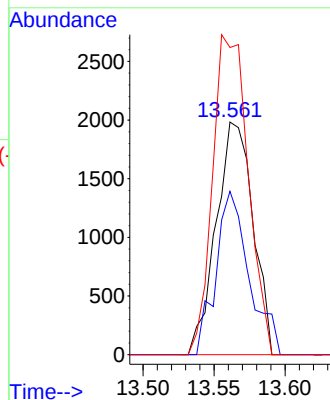
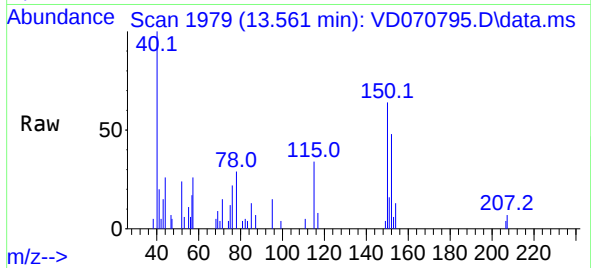




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070795.D
Acq: 21 Oct 2021 12:26

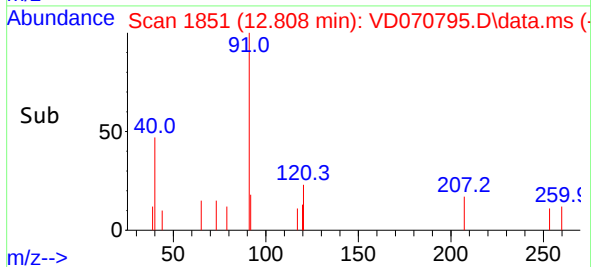
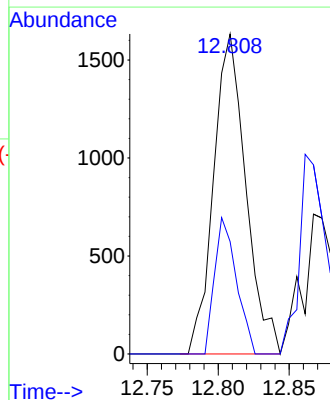
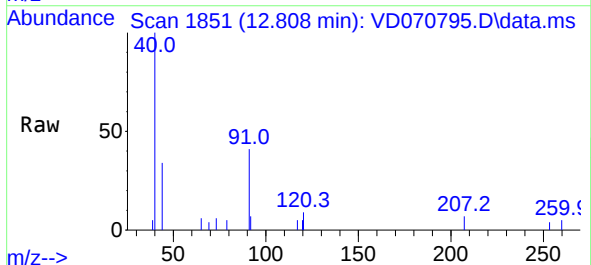
Instrument :
MSVOA_D
ClientSampleId :
16943

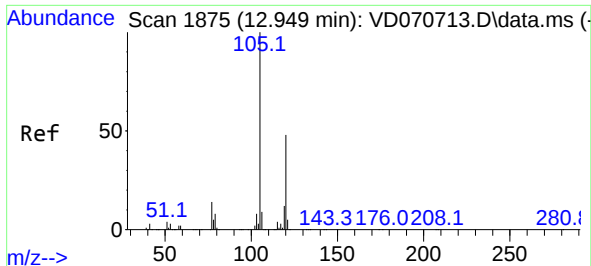
Tgt Ion:152 Resp: 3579
Ion Ratio Lower Upper
152 100
115 63.3 31.9 95.7
150 132.4 0.0 350.0



#78
n-propylbenzene
Concen: 7.780 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD070795.D
Acq: 21 Oct 2021 12:26

Tgt Ion: 91 Resp: 2579
Ion Ratio Lower Upper
91 100
120 28.8 10.9 32.6

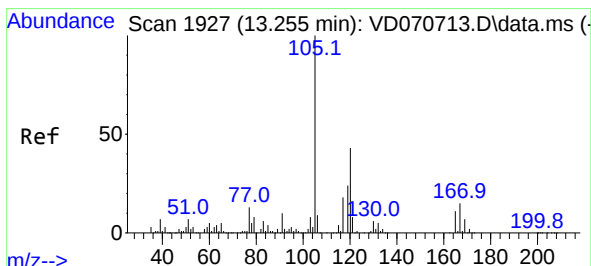
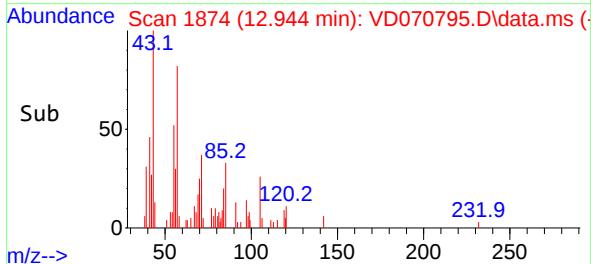
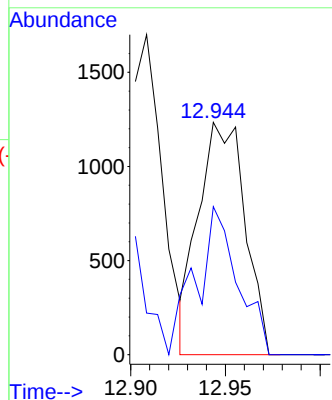
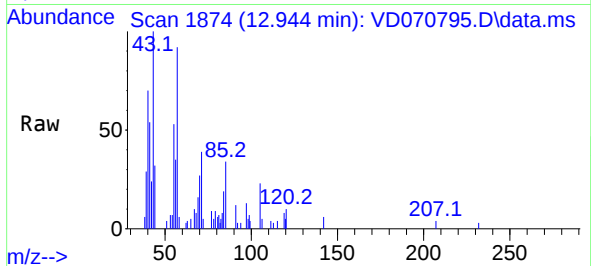




#80
1,3,5-Trimethylbenzene
Concen: 9.769 ug/l
RT: 12.944 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VD070795.D
Acq: 21 Oct 2021 12:26

Instrument :
MSVOA_D
ClientSampled :
16943

Tgt Ion:105 Resp: 2106
Ion Ratio Lower Upper
105 100
120 57.2 24.4 73.2



#84
1,2,4-Trimethylbenzene
Concen: 28.795 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD070795.D
Acq: 21 Oct 2021 12:26

Tgt Ion:105 Resp: 6172
Ion Ratio Lower Upper
105 100
120 44.6 21.9 65.8

