

Data Path : Z:\voasrv\HPCHEM1\MSVOA_w\Data\Vw121820\
 Data File : Vw017677.D
 Acq On : 18 Dec 2020 15:37
 Operator : SY/VA
 Sample : L5127-01RE
 Misc : 5.42G/5ML/MSVOA_w/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-02-121620RE

Quant Time: Dec 19 00:13:08 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_w\Method\82W121420S.M
 Quant Title : Sw846 8260
 QLast Update : Mon Dec 14 12:39:23 2020
 Response via : Initial Calibration

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

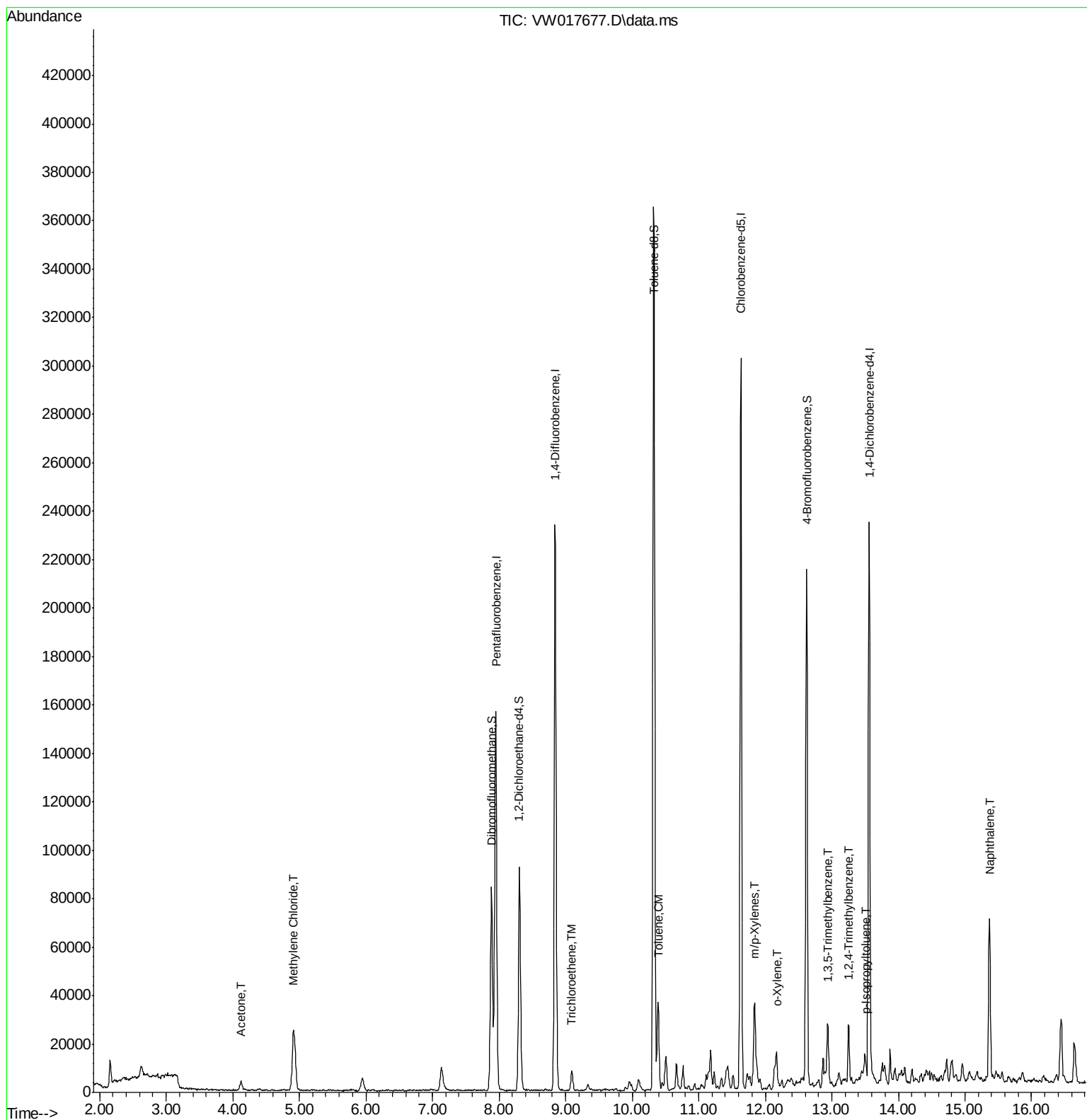
Internal Standards						
1) Pentafluorobenzene	7.952	168	110239	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.842	114	189898	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	156202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	55667	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	73752	54.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.84%	
35) Dibromofluoromethane	7.891	113	56116	44.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.30%	
50) Toluene-d8	10.329	98	230969	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	
62) 4-Bromofluorobenzene	12.621	95	66752	38.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.42%	
Target Compounds						
						Qvalue
16) Acetone	4.123	43	6006	20.56	ug/l	# 86
20) Methylene Chloride	4.915	84	17925	9.90	ug/l	# 83
44) Trichloroethene	9.092	130	2637	1.82	ug/l	68
52) Toluene	10.390	92	14540	4.22	ug/l	97
68) m/p-Xylenes	11.841	106	6617	2.78	ug/l	99
69) o-Xylene	12.170	106	2984	1.33	ug/l	85
80) 1,3,5-Trimethylbenzene	12.945	105	6634	1.78	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	13311	3.63	ug/l	100
86) p-Isopropyltoluene	13.505	119	5522	1.37	ug/l	97
95) Naphthalene	15.371	128	56762	25.97	ug/l	99

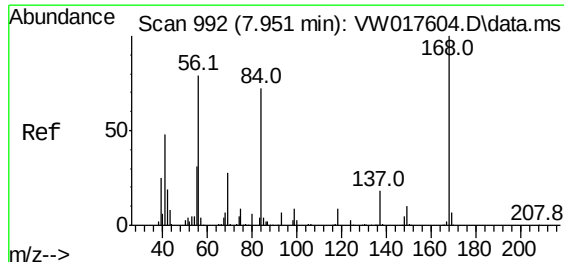
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Time: Dec 19 00:13:08 2020
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_w\Method\82w121420S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 14 12:39:23 2020
Response via : Initial Calibration

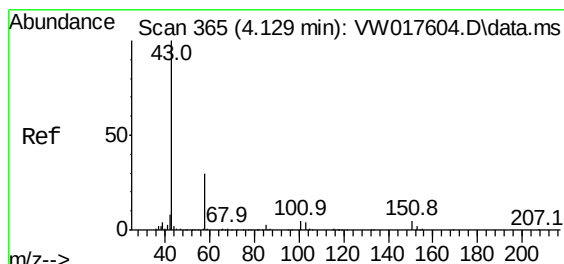
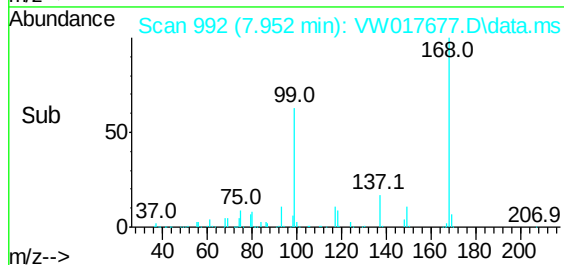
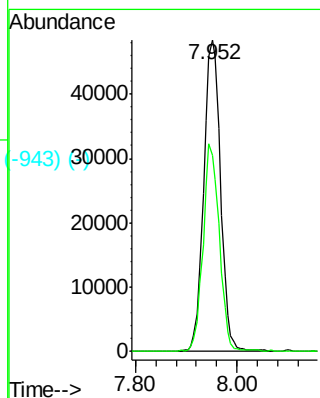
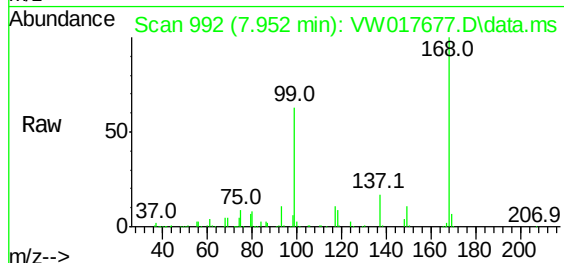




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.952 min Scan# 992
 Delta R.T. 0.001 min
 Lab File: VW017677.D
 Acq: 18 Dec 2020 15:37

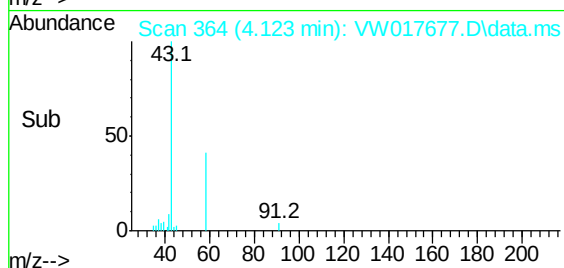
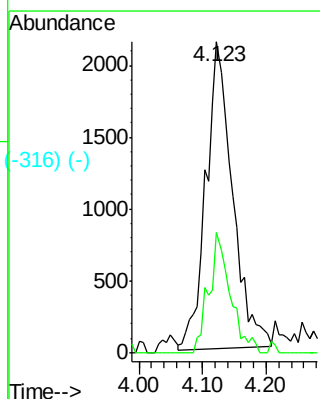
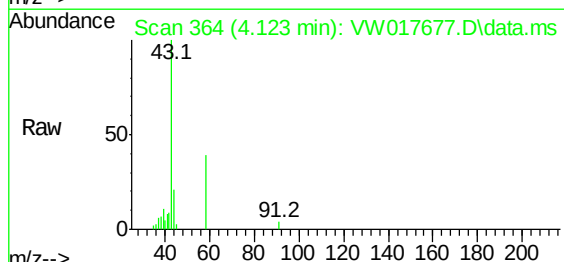
Instrument :
 MSVOA_W
 ClientSampleId :
 SU-02-121620RE

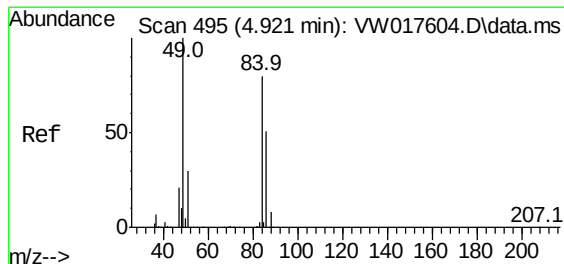
Tgt Ion:168 Resp: 110239
 Ion Ratio Lower Upper
 168 100
 99 62.9 40.7 61.1#



Acetone
 Concen: 20.56 ug/l
 RT: 4.123 min Scan# 364
 Delta R.T. -0.006 min
 Lab File: VW017677.D
 Acq: 18 Dec 2020 15:37

Tgt Ion: 43 Resp: 6006
 Ion Ratio Lower Upper
 43 100
 58 39.7 25.7 38.5#

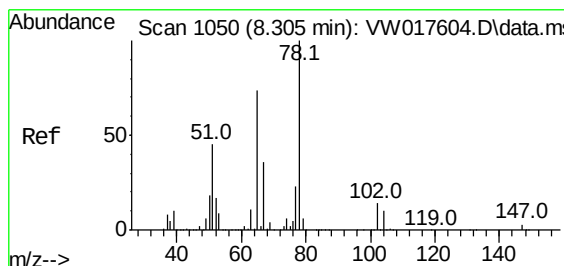
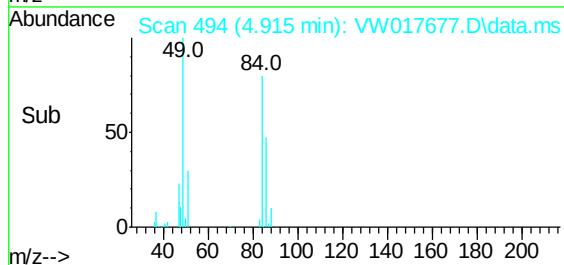
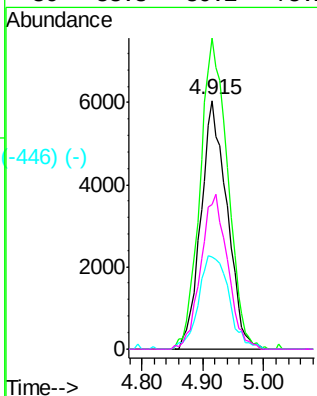
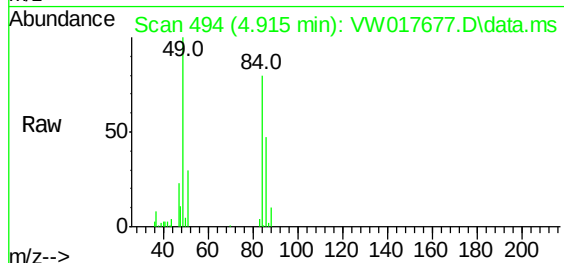




Methylene Chloride
Concen: 9.90 ug/l
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW017677.D
Acq: 18 Dec 2020 15:37

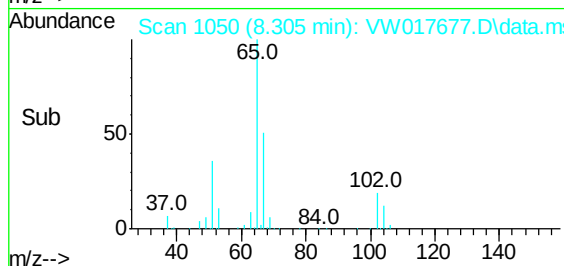
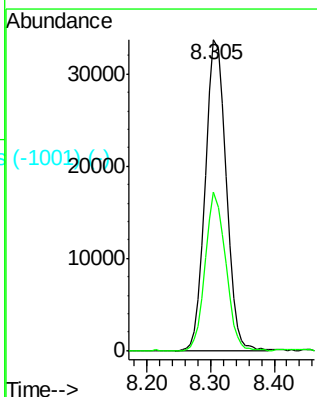
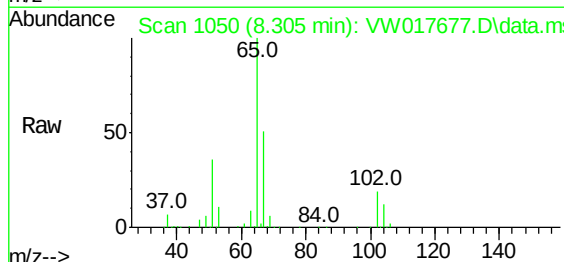
Instrument :
MSVOA_W
ClientSampleId :
SU-02-121620RE

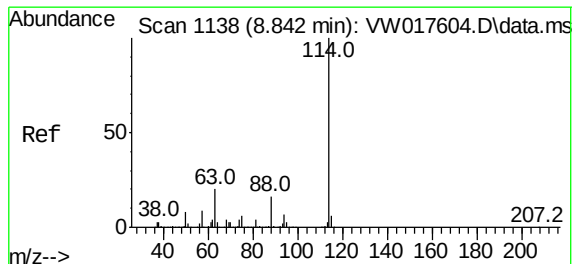
Tgt Ion:	84	Resp:	17925
Ion	Ratio	Lower	Upper
84	100		
49	125.1	79.0	118.6#
51	37.2	26.1	39.1
86	58.3	50.1	75.1



1,2-Dichloroethane-d4
Concen: 54.92 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW017677.D
Acq: 18 Dec 2020 15:37

Tgt Ion:	65	Resp:	73752
Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	103.8

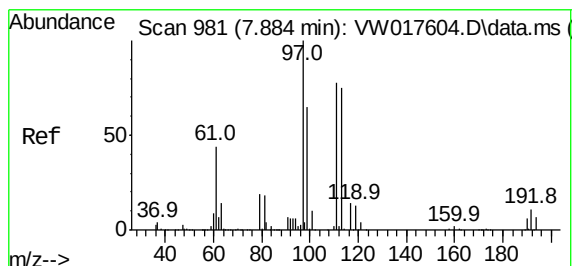
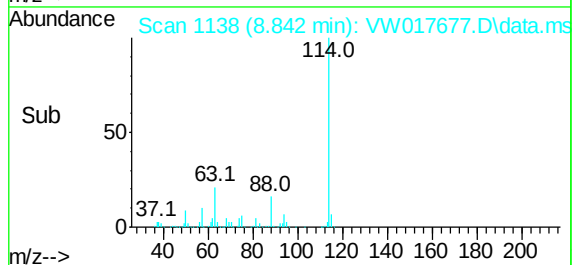
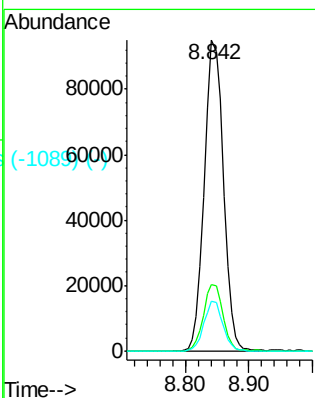
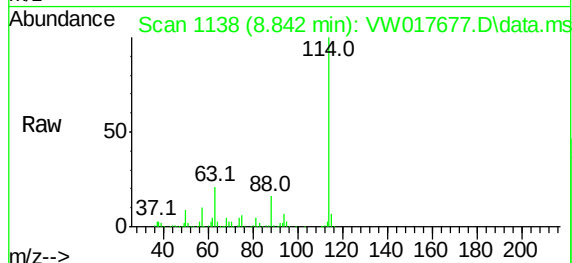




#118 (-)
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW017677.D
Acq: 18 Dec 2020 15:37

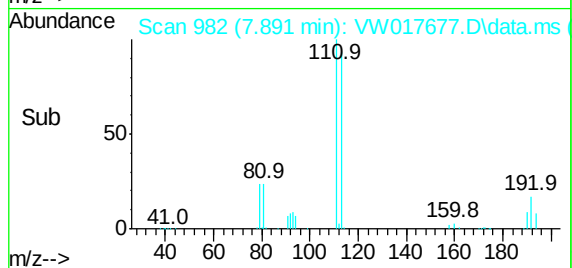
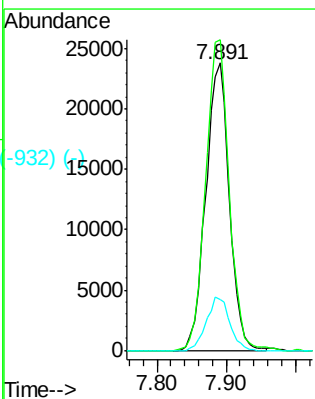
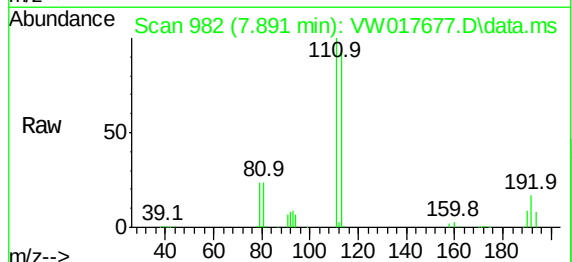
Instrument :
MSVOA_W
ClientSampleId :
SU-02-121620RE

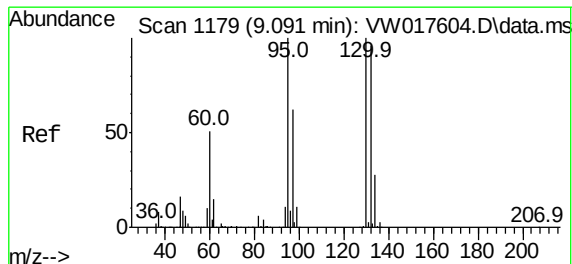
Tgt Ion:	114	Resp:	189898
Ion Ratio	Lower	Upper	
114	100		
63	21.2	0.0	35.6
88	16.0	0.0	30.4



#935 (-)
Dibromofluoromethane
Concen: 44.65 ug/l
RT: 7.891 min Scan# 982
Delta R.T. 0.007 min
Lab File: VW017677.D
Acq: 18 Dec 2020 15:37

Tgt Ion:	113	Resp:	56116
Ion Ratio	Lower	Upper	
113	100		
111	107.9	81.4	122.2
192	18.3	17.8	26.8

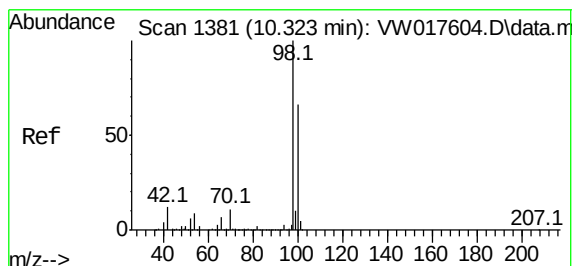
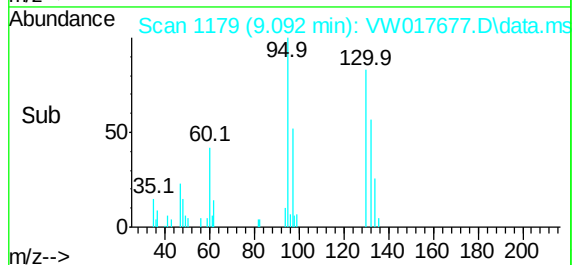
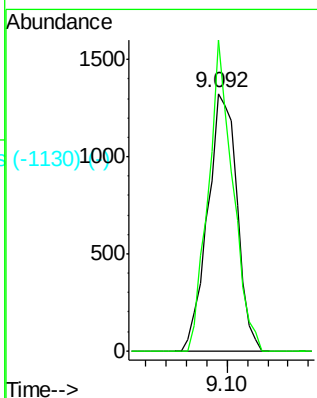
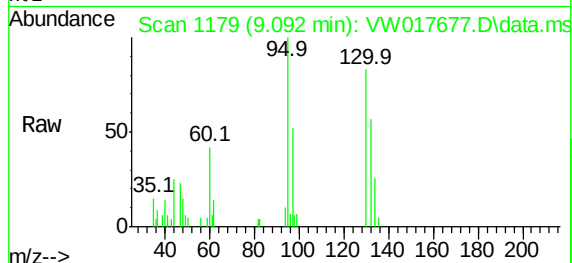




Trichloroethene
 Concen: 1.82 ug/l
 RT: 9.092 min Scan# 1179
 Delta R.T. 0.001 min
 Lab File: VW017677.D
 Acq: 18 Dec 2020 15:37

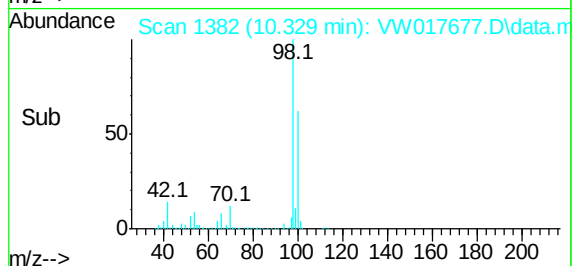
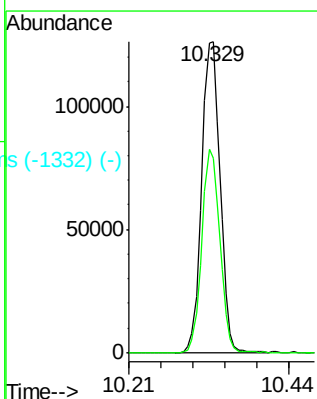
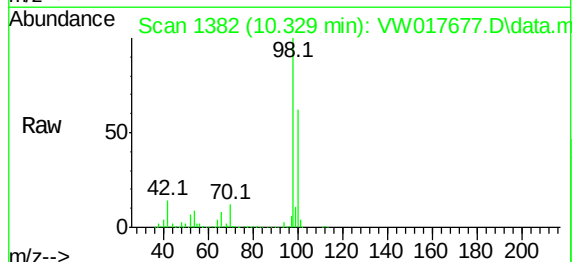
Instrument :
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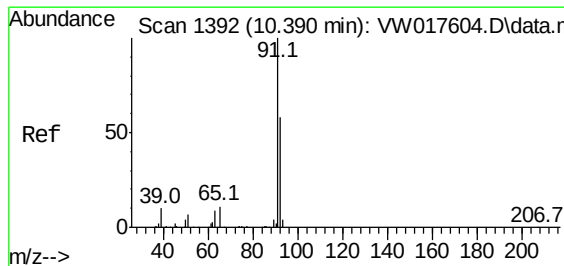
Tgt Ion:130 Resp: 2637
 Ion Ratio Lower Upper
 130 100
 95 120.7 0.0 180.2



To Luene-d8
 Concen: 47.21 ug/l
 RT: 10.329 min Scan# 1382
 Delta R.T. 0.006 min
 Lab File: VW017677.D
 Acq: 18 Dec 2020 15:37

Tgt Ion: 98 Resp: 230969
 Ion Ratio Lower Upper
 98 100
 100 63.9 53.3 79.9

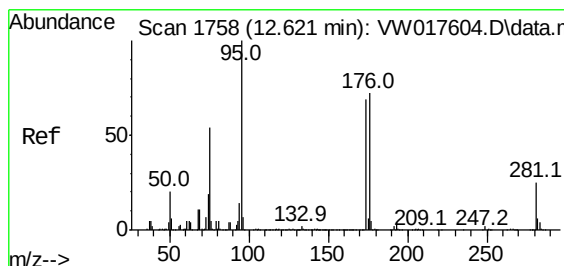
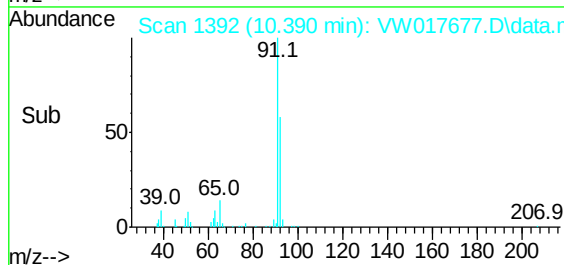
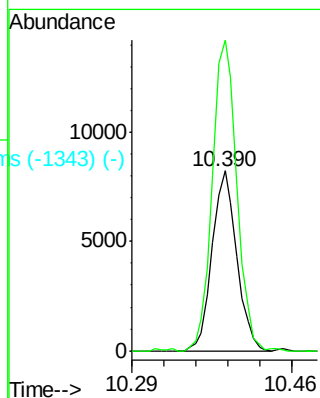
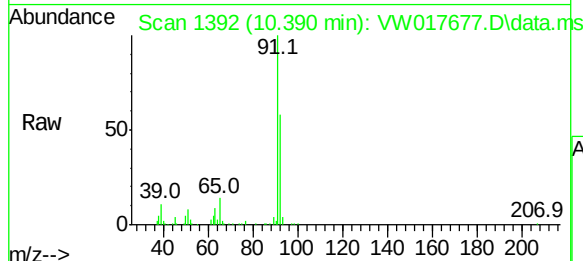




#5283 (-)
Toluene
Concen: 4.22 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW017677.D
Acq: 18 Dec 2020 15:37

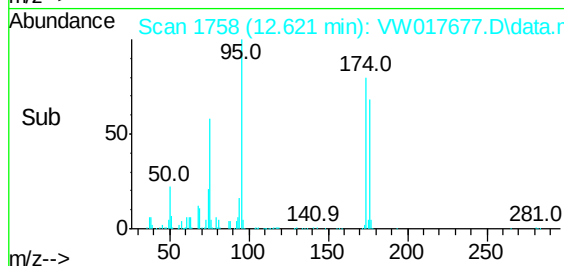
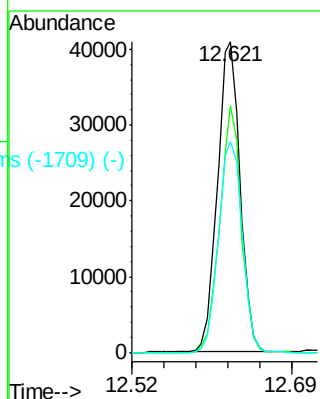
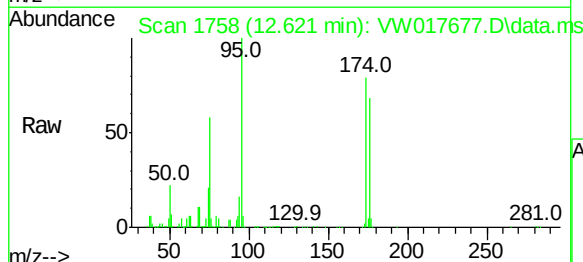
Instrument :
MSVOA_W
ClientSampleId :
SU-02-121620RE

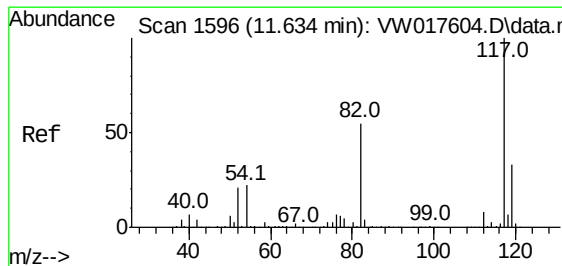
Tgt Ion: 92 Resp: 14540
Ion Ratio Lower Upper
92 100
91 172.1 134.7 202.1



#6249 (-)
4-Bromofluorobenzene
Concen: 38.21 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW017677.D
Acq: 18 Dec 2020 15:37

Tgt Ion: 95 Resp: 66752
Ion Ratio Lower Upper
95 100
174 75.9 0.0 180.6
176 71.7 0.0 177.6

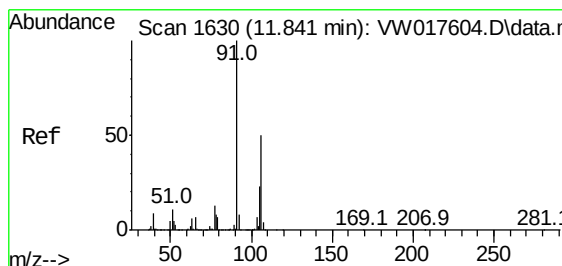
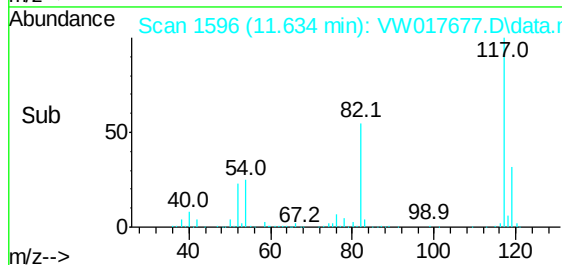
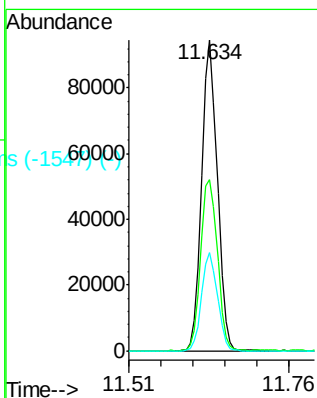
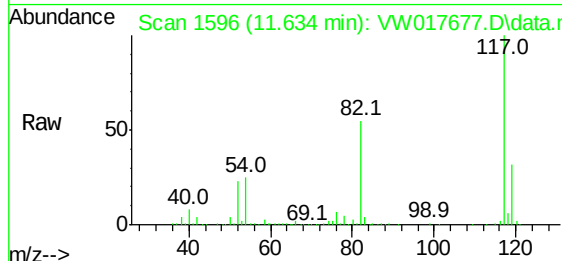




Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.634 min Scan# 1596
 Delta R.T. -0.000 min
 Lab File: VW017677.D
 Acq: 18 Dec 2020 15:37

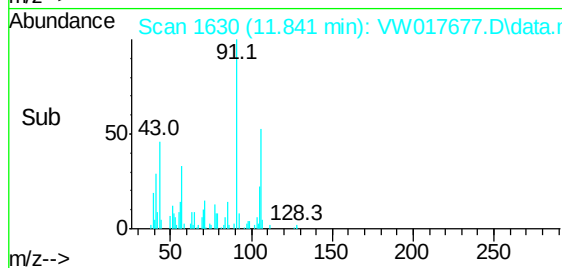
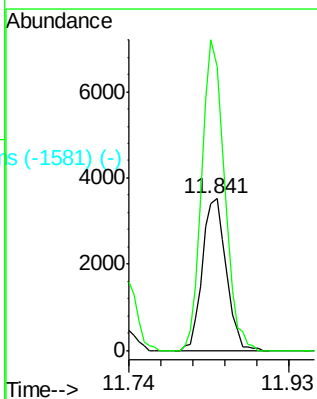
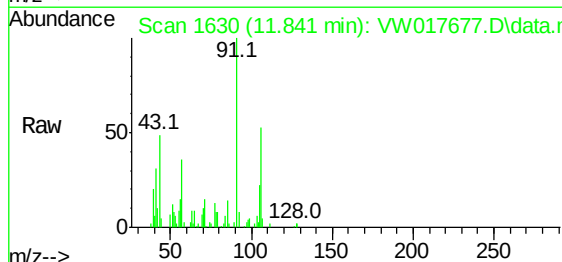
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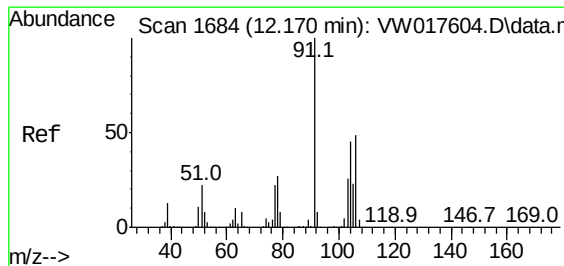
Tgt Ion:	117	Resp:	156202
Ion Ratio	Lower	Upper	
117	100		
82	55.2	40.7	61.1
119	31.7	25.0	37.4



m/p-Xylenes
 Concen: 2.78 ug/l
 RT: 11.841 min Scan# 1630
 Delta R.T. 0.000 min
 Lab File: VW017677.D
 Acq: 18 Dec 2020 15:37

Tgt Ion:	106	Resp:	6617
Ion Ratio	Lower	Upper	
106	100		
91	195.6	157.4	236.0

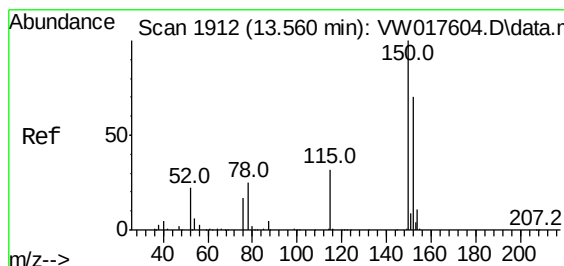
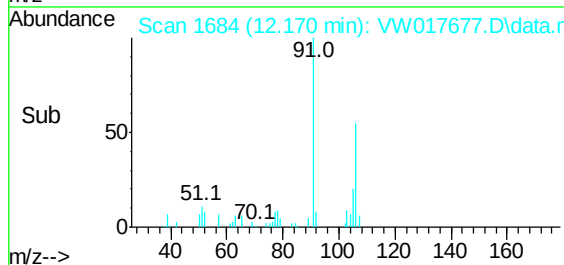
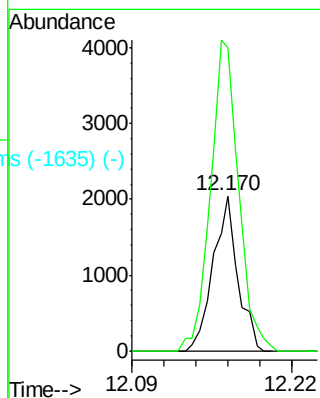
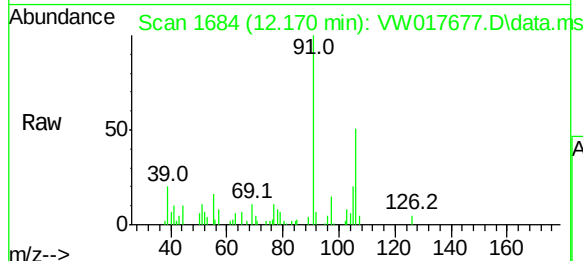




#6875 (-)
o-Xylene
Concen: 1.33 ug/l
RT: 12.170 min Scan# 1684
Delta R.T. 0.000 min
Lab File: VW017677.D
Acq: 18 Dec 2020 15:37

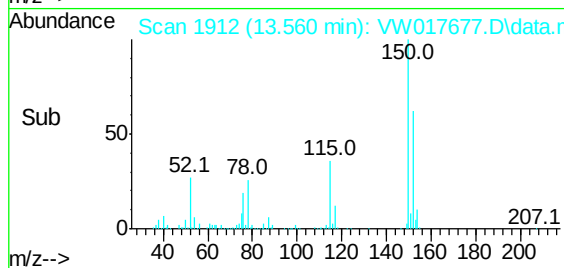
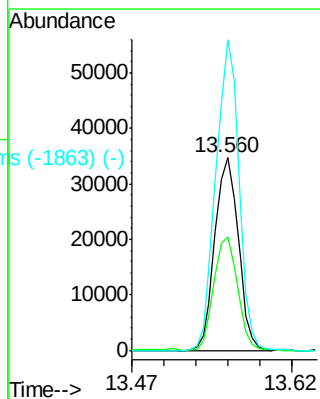
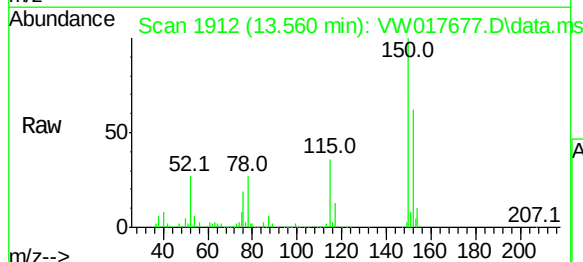
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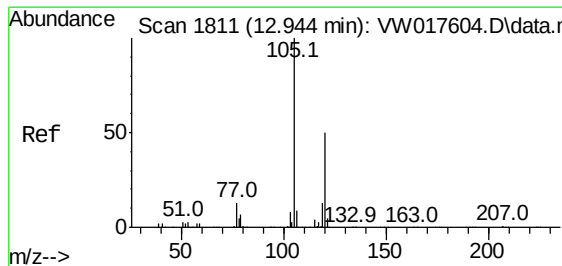
Tgt Ion:106 Resp: 2984
Ion Ratio Lower Upper
106 100
91 230.2 103.6 310.9



#7204 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017677.D
Acq: 18 Dec 2020 15:37

Tgt Ion:152 Resp: 55667
Ion Ratio Lower Upper
152 100
115 59.3 27.9 83.7
150 158.1 0.0 344.0

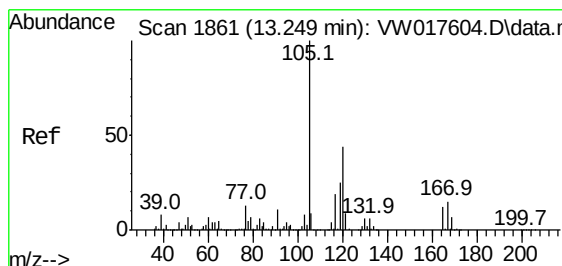
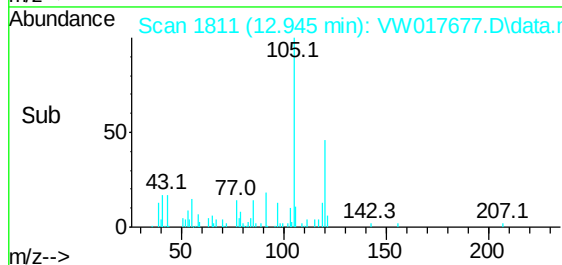
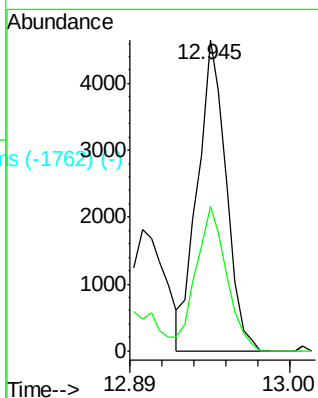
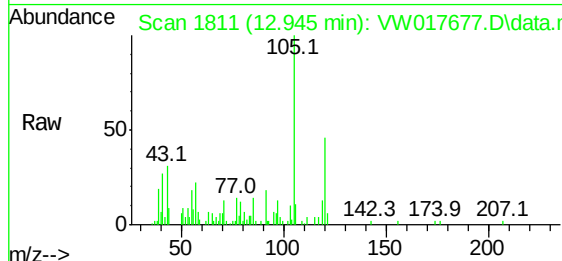




1,3,5-Trimethylbenzene
Concen: 1.78 ug/l
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW017677.D
Acq: 18 Dec 2020 15:37

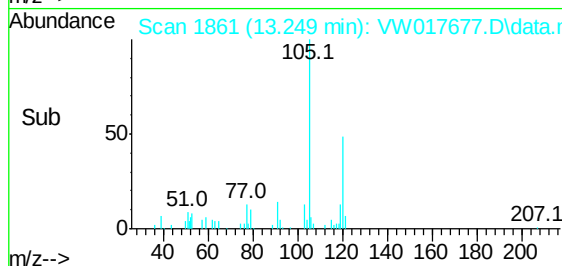
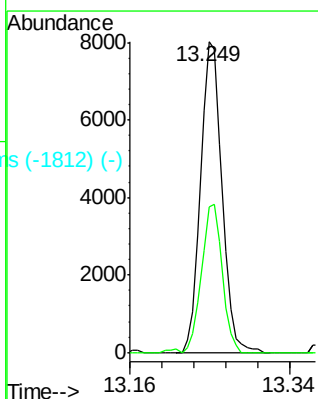
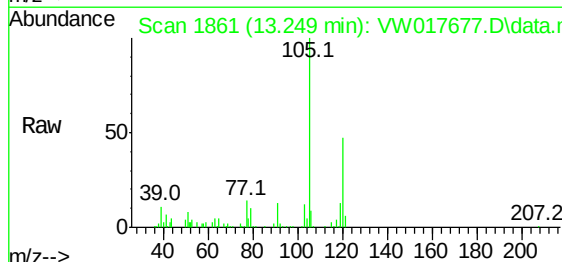
Instrument :
MSVOA_W
ClientSampleId :
SU-02-121620RE

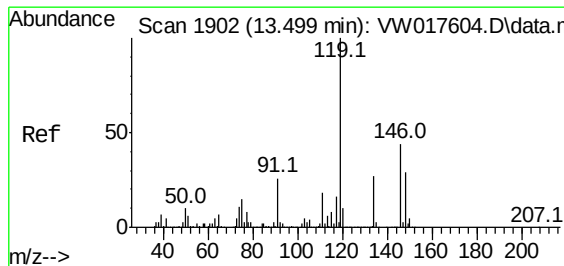
Tgt Ion:105 Resp: 6634
Ion Ratio Lower Upper
105 100
120 49.4 24.9 74.8



1,2,4-Trimethylbenzene
Concen: 3.63 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW017677.D
Acq: 18 Dec 2020 15:37

Tgt Ion:105 Resp: 13311
Ion Ratio Lower Upper
105 100
120 46.8 23.4 70.0

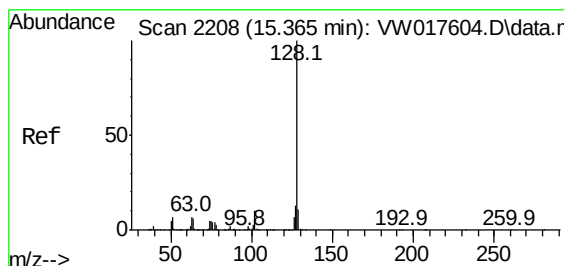
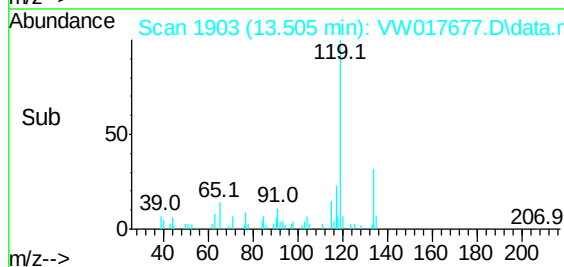
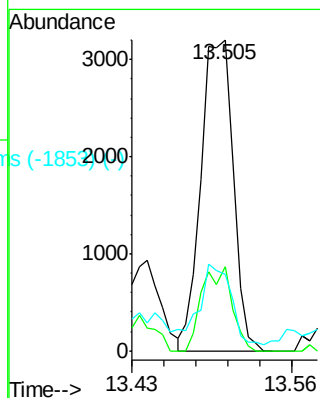
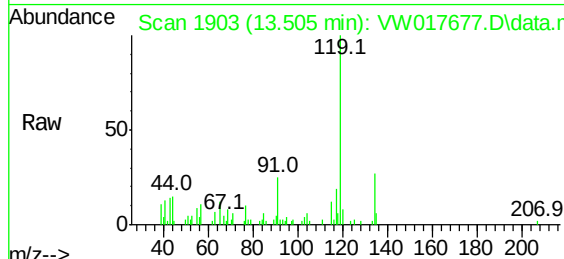




#98 (-)
p-Isopropyltoluene
Concen: 1.37 ug/l
RT: 13.505 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VW017677.D
Acq: 18 Dec 2020 15:37

Instrument :
MSVOA_W
ClientSampleId :
SU-02-121620RE

Tgt Ion:	119	Resp:	5522
Ion	Ratio	Lower	Upper
119	100		
134	25.4	13.8	41.3
91	23.7	11.3	33.9



#99 (-)
Naphthalene
Concen: 25.97 ug/l
RT: 15.371 min Scan# 2209
Delta R.T. 0.006 min
Lab File: VW017677.D
Acq: 18 Dec 2020 15:37

Tgt Ion:	128	Resp:	56762
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.5	8.6	12.8

