

Data Path : Z:\voasrv\HPCHEM1\MSVOA_w\Data\Vw122320\
 Data File : Vw017718.D
 Acq On : 23 Dec 2020 17:46
 Operator : SY/VA
 Sample : L5197-01
 Misc : 5.88G/5ML/MSVOA_w/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-122320

Quant Time: Dec 24 01:39:00 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)

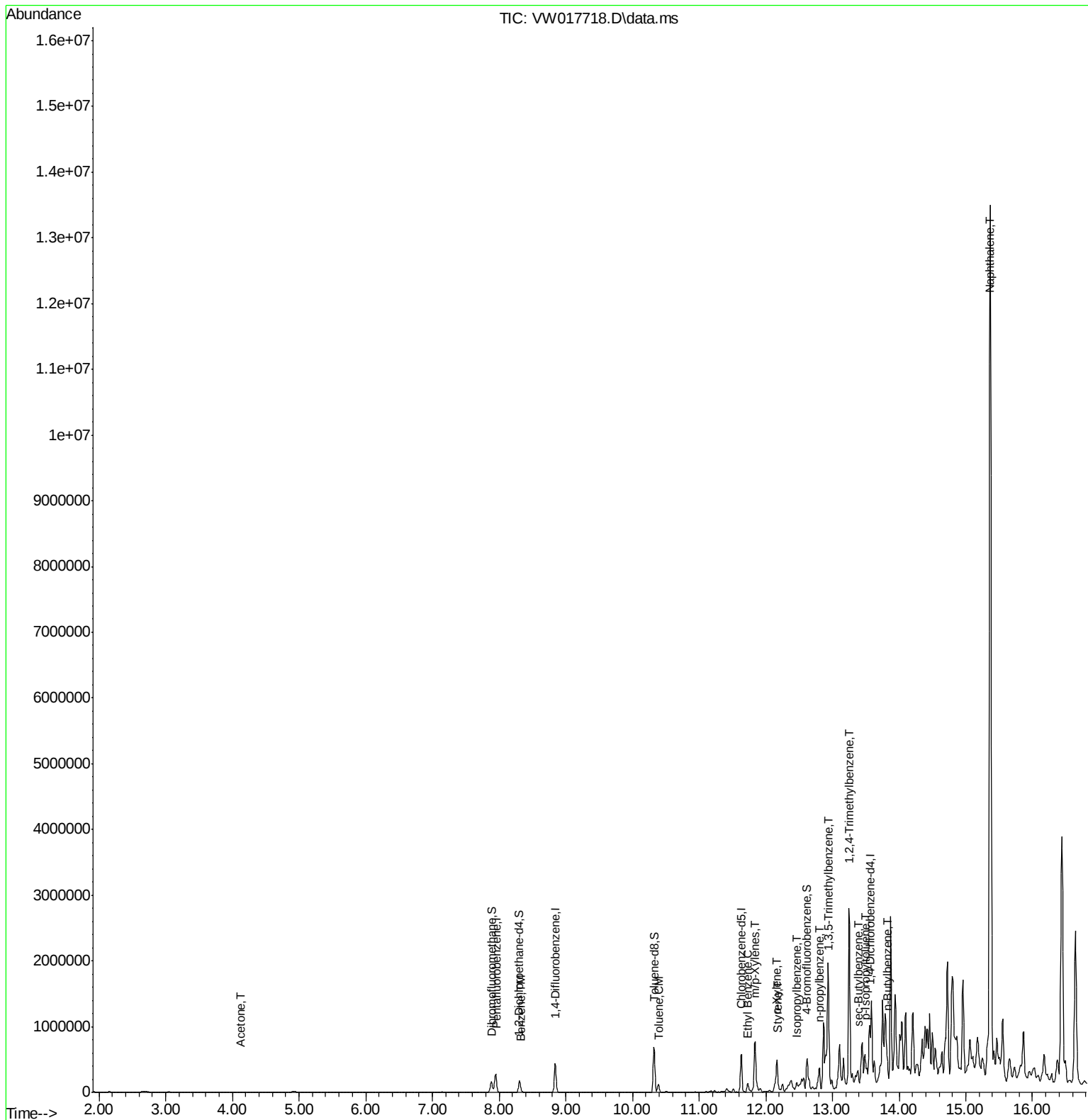
Internal Standards						
1) Pentafluorobenzene	7.952	168	198420	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	359005	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	314807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	148855	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	133904	55.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.80%	
35) Dibromofluoromethane	7.885	113	114148	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
50) Toluene-d8	10.323	98	435575	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	
62) 4-Bromofluorobenzene	12.615	95	150755	45.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.30%	
Target Compounds						Qvalue
16) Acetone	4.117	43	3993	7.59	ug/l	95
40) Benzene	8.324	78	13665	1.37	ug/l	96
52) Toluene	10.390	92	50574	7.77	ug/l	98
67) Ethyl Benzene	11.731	91	86663	6.89	ug/l	99
68) m/p-Xylenes	11.835	106	145683	30.38	ug/l	98
69) o-Xylene	12.164	106	112211	24.81	ug/l	92
70) Styrene	12.183	104	34329	4.55	ug/l #	46
73) Isopropylbenzene	12.463	105	58697	4.99	ug/l	100
78) n-propylbenzene	12.804	91	246404	17.63	ug/l	98
80) 1,3,5-Trimethylbenzene	12.945	105	440772	44.25	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	1478528	150.69	ug/l	98
85) sec-Butylbenzene	13.384	105	116544	9.74	ug/l	81
86) p-Isopropyltoluene	13.499	119	99913	9.25	ug/l	98
89) n-Butylbenzene	13.823	91	186991	17.62	ug/l #	73
95) Naphthalene	15.365	128	11458453	1960.78	ug/l	98

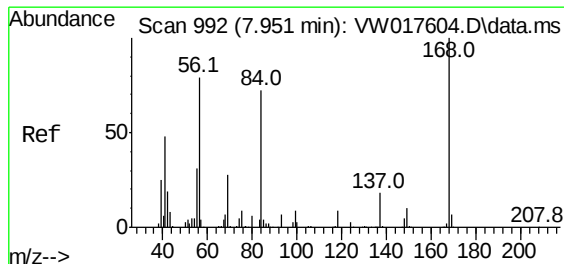
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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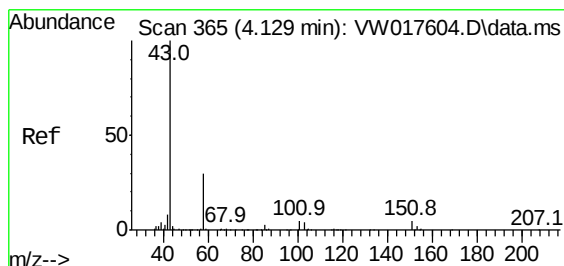
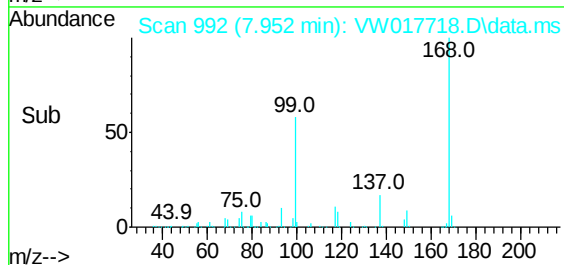
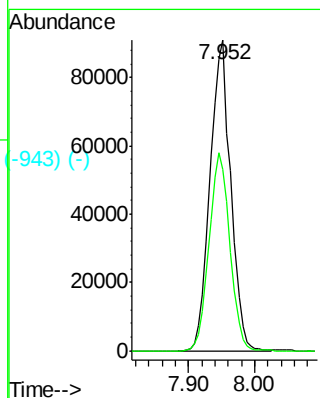
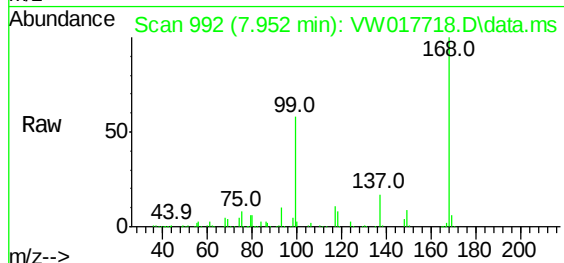




Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW017718.D
Acq: 23 Dec 2020 17:46

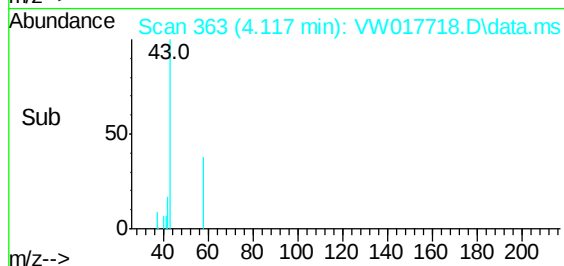
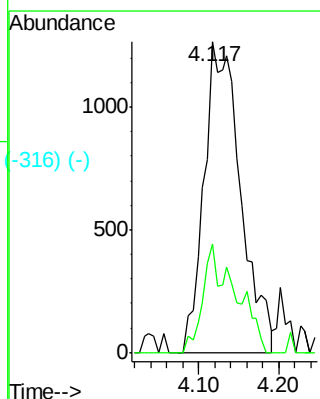
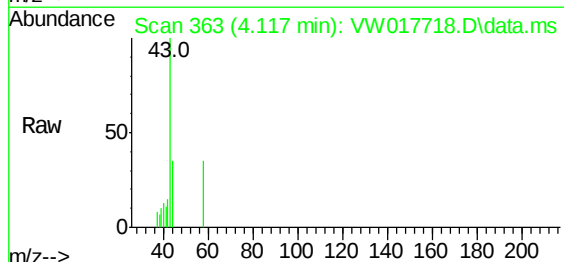
Instrument :
MSVOA_W
ClientSampleId :
EO-01-122320

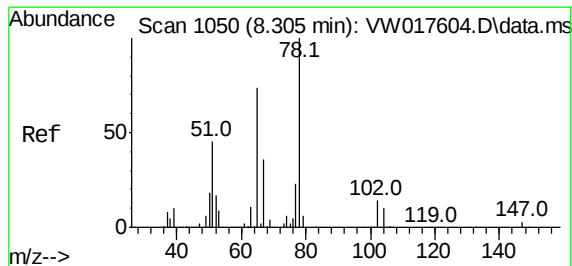
Tgt Ion:168 Resp: 198420
Ion Ratio Lower Upper
168 100
99 58.4 40.7 61.1



Acetone
Concen: 7.59 ug/l
RT: 4.117 min Scan# 363
Delta R.T. -0.012 min
Lab File: VW017718.D
Acq: 23 Dec 2020 17:46

Tgt Ion: 43 Resp: 3993
Ion Ratio Lower Upper
43 100
58 35.1 25.7 38.5

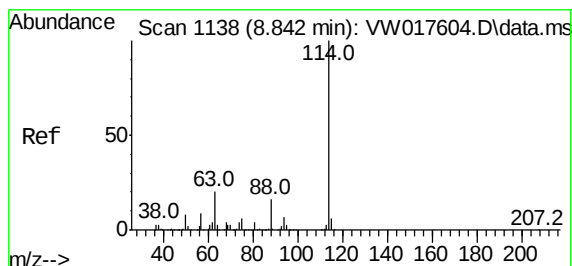
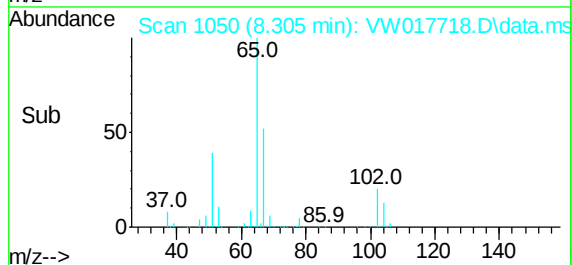
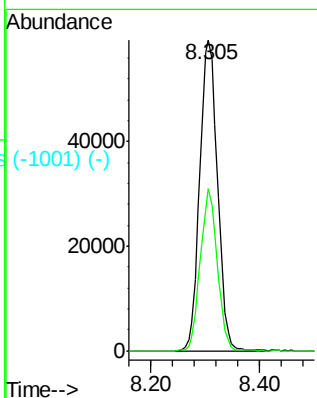
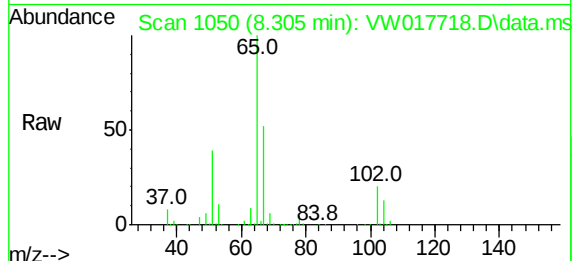




(#1084) (-)
 1,2-Dichloroethane-d4
 Concen: 55.40 ug/l
 RT: 8.305 min Scan# 1050
 Delta R.T. 0.000 min
 Lab File: VW017718.D
 Acq: 23 Dec 2020 17:46

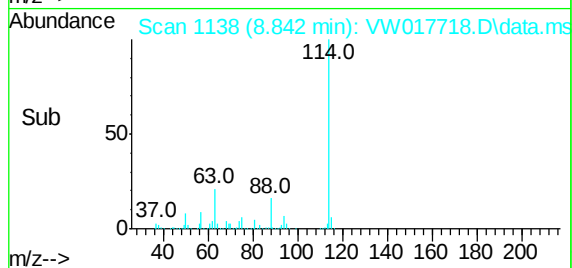
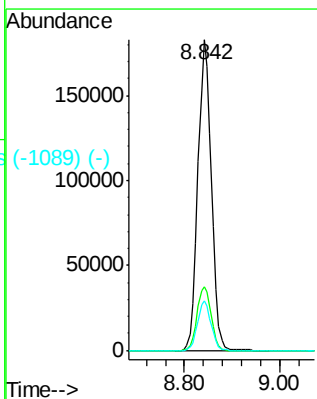
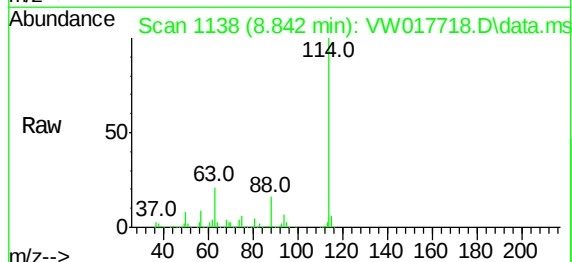
Instrument :
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 ClientSampleId :
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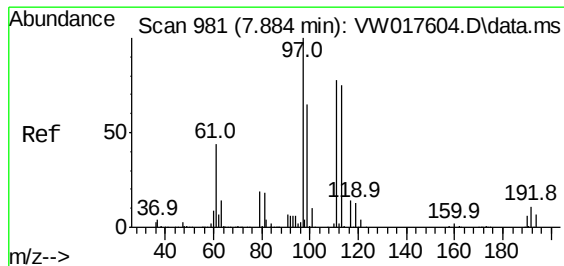
Tgt Ion: 65 Resp: 133904
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 103.8



(#1128) (-)
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.842 min Scan# 1138
 Delta R.T. -0.000 min
 Lab File: VW017718.D
 Acq: 23 Dec 2020 17:46

Tgt Ion:114 Resp: 359005
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 35.6
 88 16.2 0.0 30.4

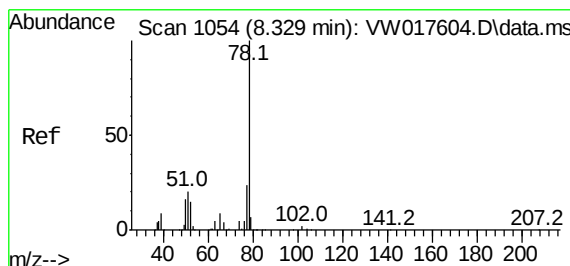
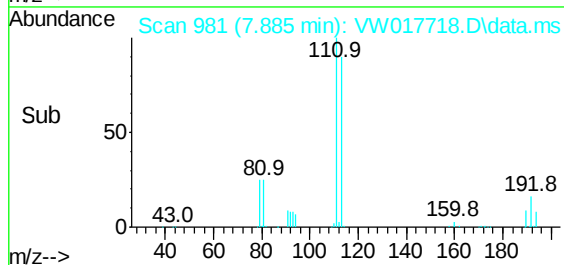
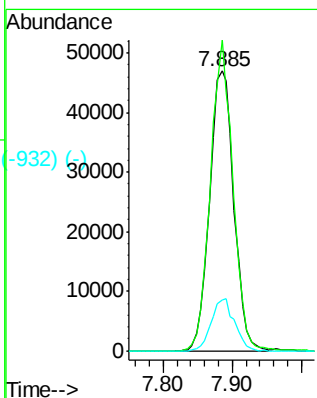
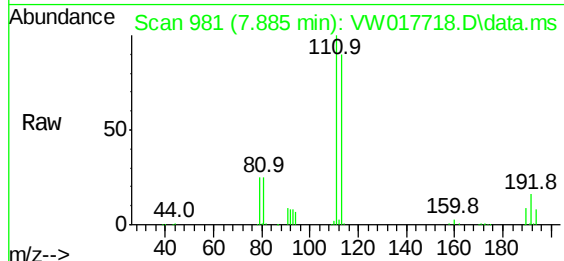




#975 (-)
Dibromofluoromethane
Concen: 48.05 ug/l
RT: 7.885 min Scan# 981
Delta R.T. 0.001 min
Lab File: VW017718.D
Acq: 23 Dec 2020 17:46

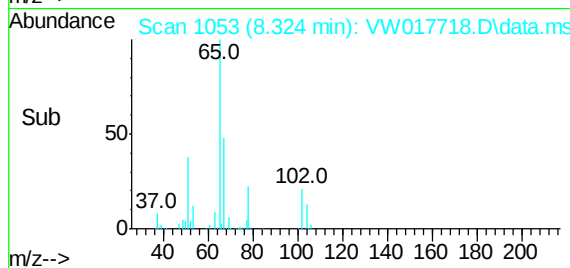
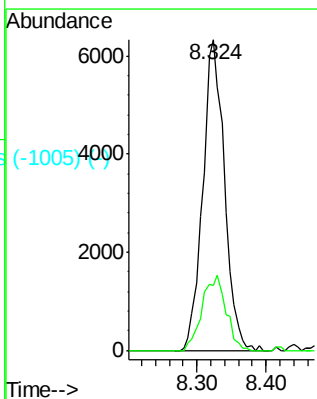
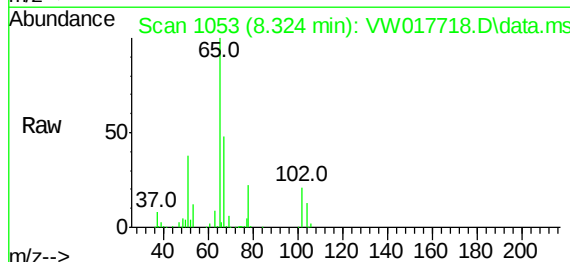
Instrument :
MSVOA_W
ClientSampleId :
EO-01-122320

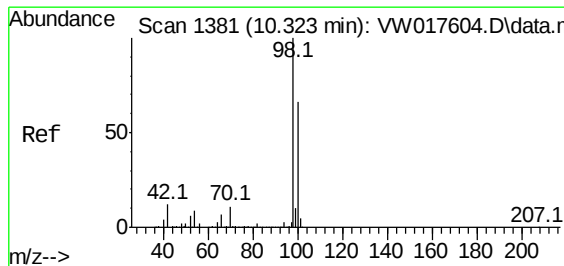
Tgt Ion:113 Resp: 114148
Ion Ratio Lower Upper
113 100
111 103.2 81.4 122.2
192 17.8 17.8 26.8#



#1009 (-)
Benzene
Concen: 1.37 ug/l
RT: 8.324 min Scan# 1053
Delta R.T. -0.005 min
Lab File: VW017718.D
Acq: 23 Dec 2020 17:46

Tgt Ion: 78 Resp: 13665
Ion Ratio Lower Upper
78 100
77 21.1 18.5 27.7

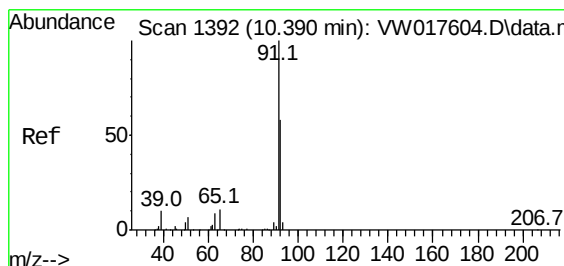
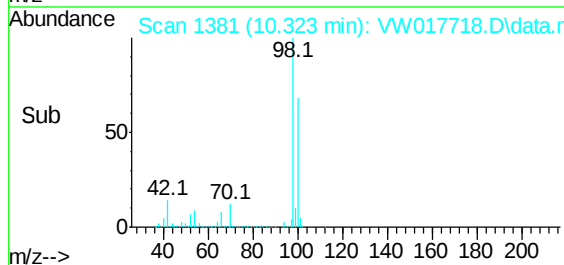
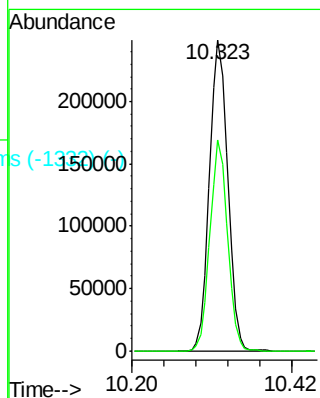
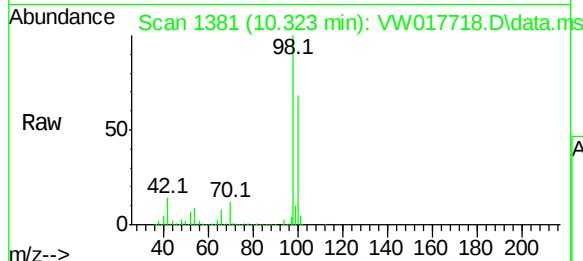




#50
Toluene-d8
Concen: 47.09 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW017718.D
Acq: 23 Dec 2020 17:46

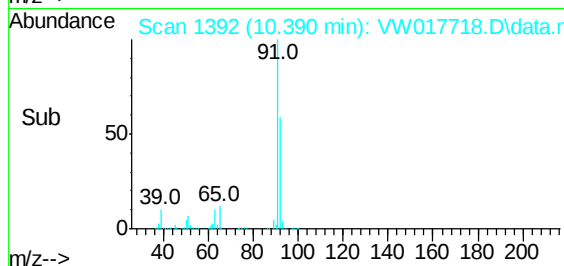
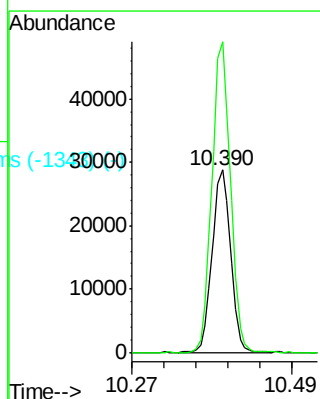
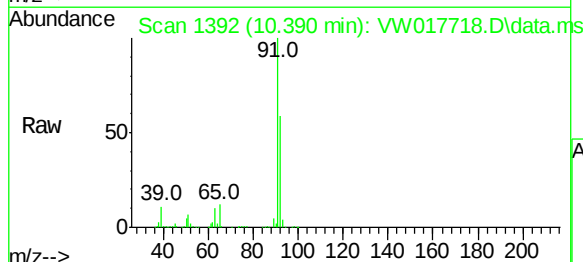
Instrument :
MSVOA_W
ClientSampleId :
EO-01-122320

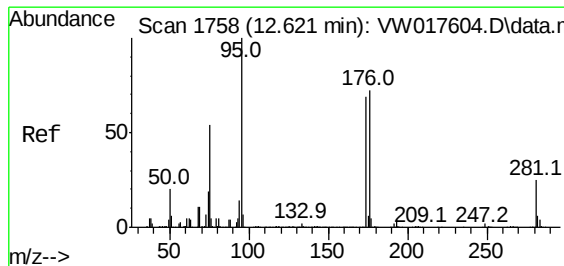
Tgt Ion: 98 Resp: 435575
Ion Ratio Lower Upper
98 100
100 65.2 53.3 79.9



#52
Toluene
Concen: 7.77 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW017718.D
Acq: 23 Dec 2020 17:46

Tgt Ion: 92 Resp: 50574
Ion Ratio Lower Upper
92 100
91 170.8 134.7 202.1

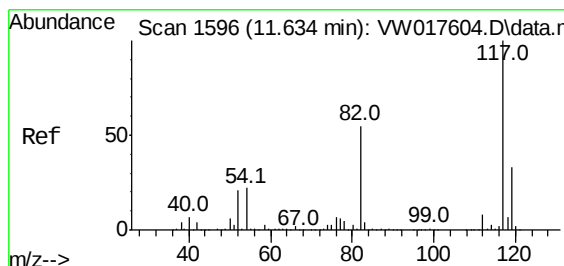
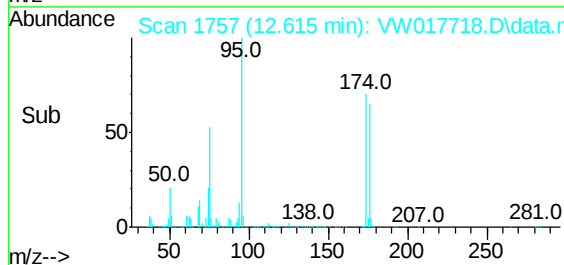
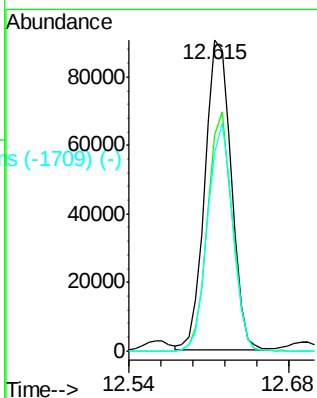
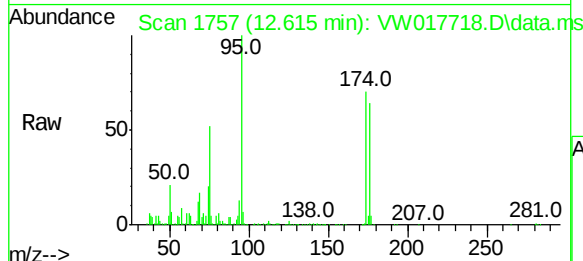




#6249 (-)
4-Bromofluorobenzene
Concen: 45.65 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.006 min
Lab File: VW017718.D
Acq: 23 Dec 2020 17:46

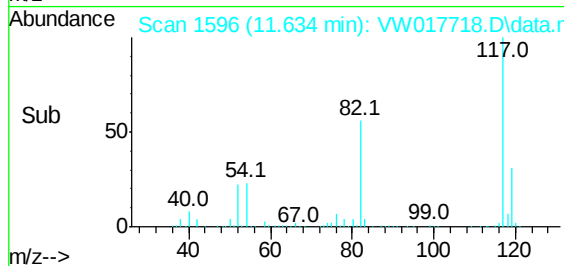
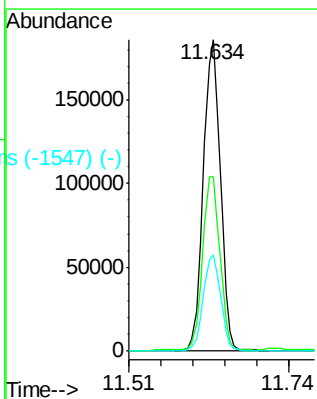
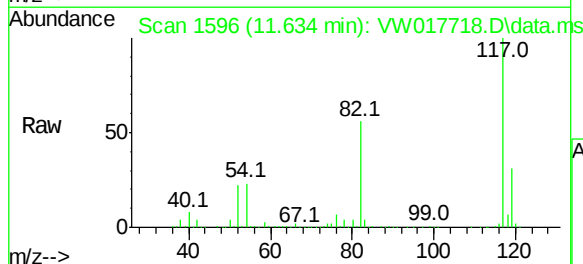
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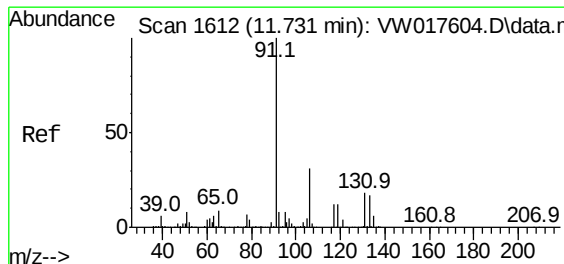
Tgt Ion: 95 Resp: 150755
Ion Ratio Lower Upper
95 100
174 72.6 0.0 180.6
176 69.9 0.0 177.6



#6386 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017718.D
Acq: 23 Dec 2020 17:46

Tgt Ion: 117 Resp: 314807
Ion Ratio Lower Upper
117 100
82 55.7 40.7 61.1
119 30.7 25.0 37.4

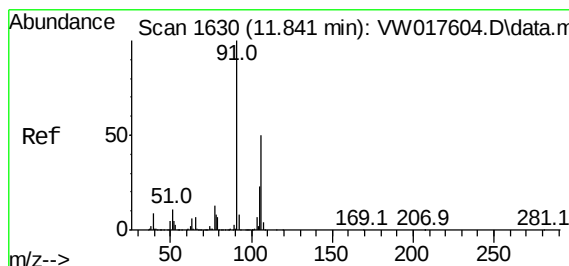
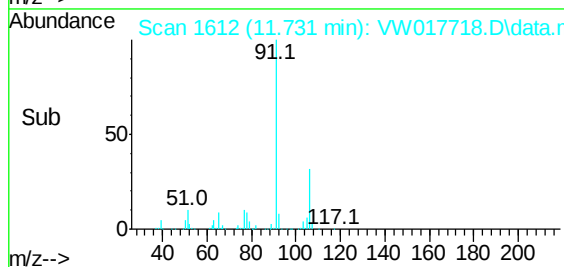
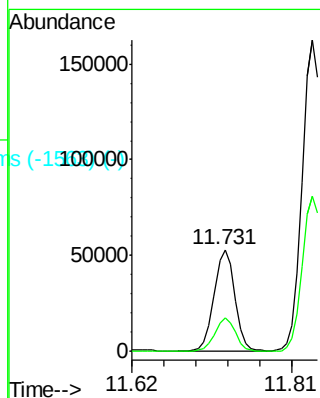
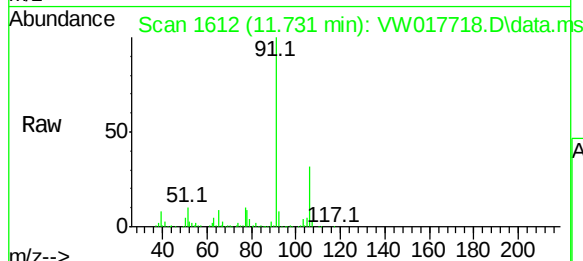




#67
Ethyl Benzene
Concen: 6.89 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW017718.D
Acq: 23 Dec 2020 17:46

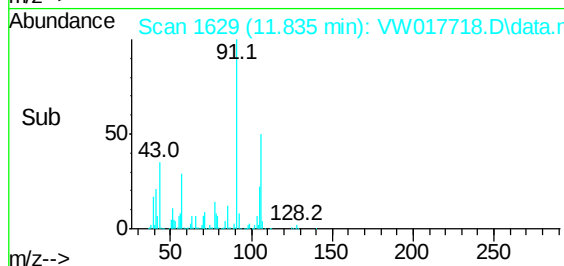
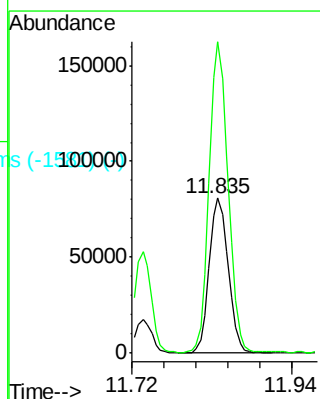
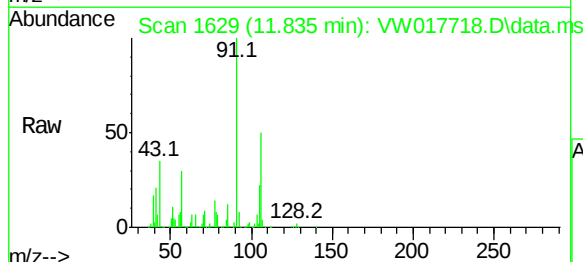
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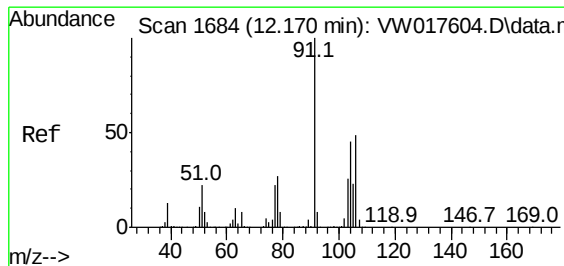
Tgt Ion: 91 Resp: 86663
Ion Ratio Lower Upper
91 100
106 32.0 25.9 38.9



#68
m/p-Xylenes
Concen: 30.38 ug/l
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW017718.D
Acq: 23 Dec 2020 17:46

Tgt Ion: 106 Resp: 145683
Ion Ratio Lower Upper
106 100
91 199.9 157.4 236.0

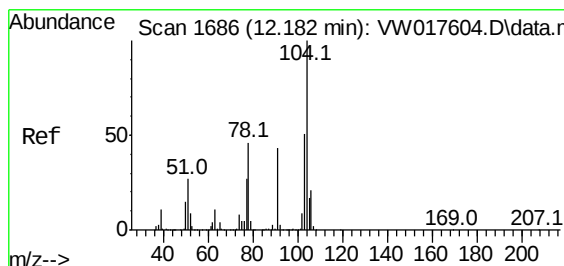
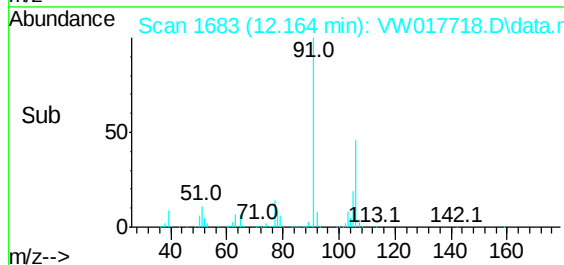
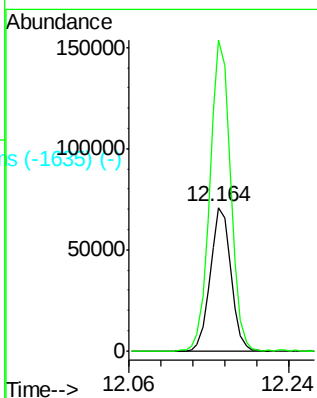
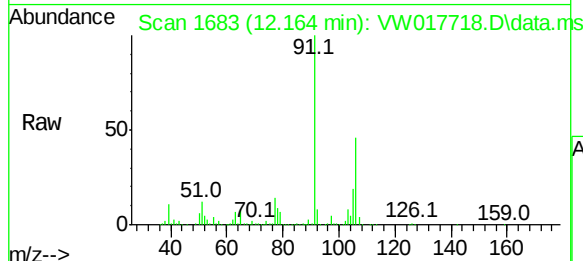




#68
o-Xylene
Concen: 24.81 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. -0.006 min
Lab File: VW017718.D
Acq: 23 Dec 2020 17:46

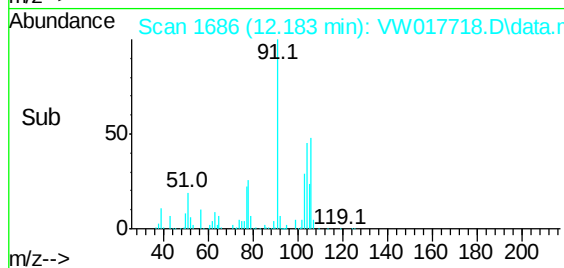
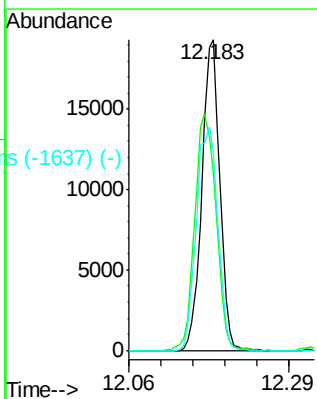
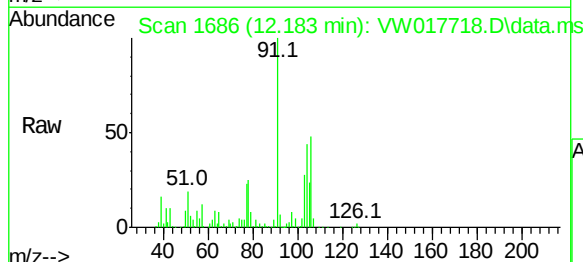
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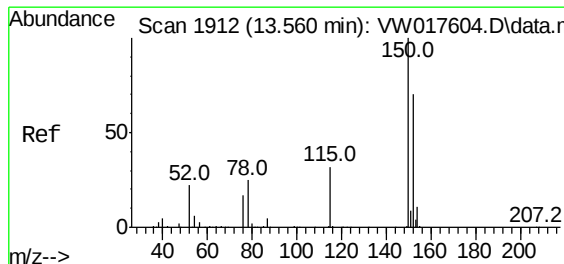
Tgt Ion:106 Resp: 112211
Ion Ratio Lower Upper
106 100
91 219.2 103.6 310.9



#70
Styrene
Concen: 4.55 ug/l
RT: 12.183 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VW017718.D
Acq: 23 Dec 2020 17:46

Tgt Ion:104 Resp: 34329
Ion Ratio Lower Upper
104 100
78 90.9 37.6 56.4#
103 86.3 43.6 65.4#

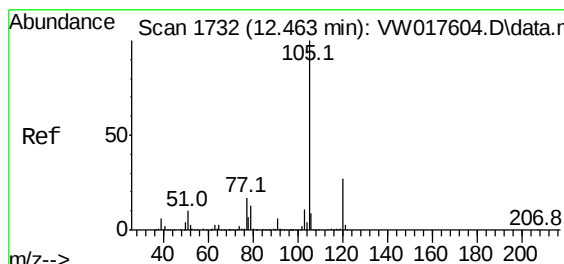
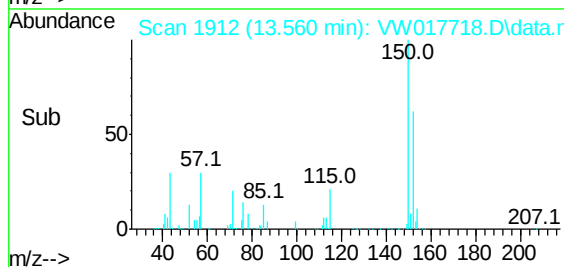
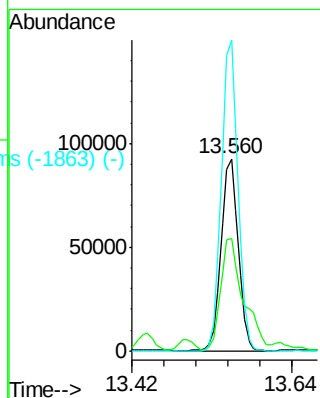
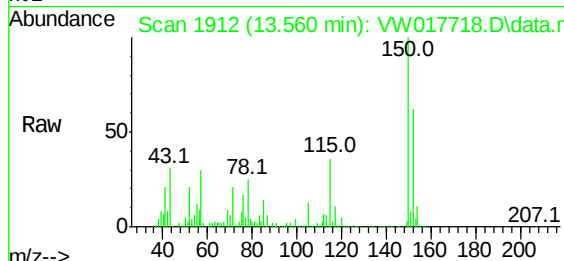




#1904 (-)
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.560 min Scan# 1912
 Delta R.T. 0.000 min
 Lab File: VW017718.D
 Acq: 23 Dec 2020 17:46

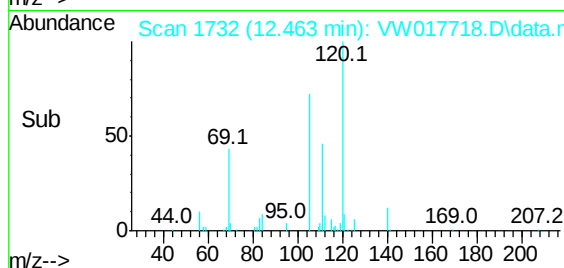
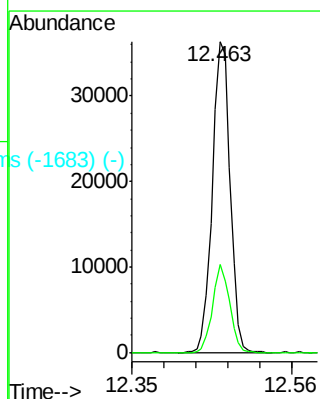
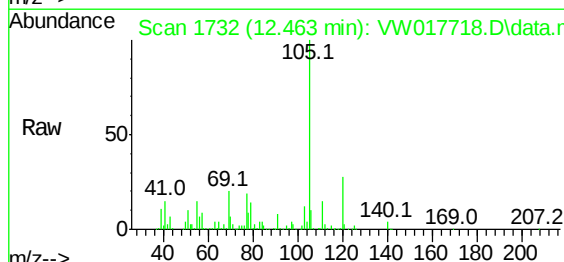
Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-122320

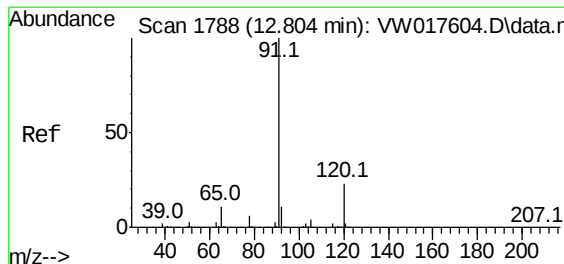
Tgt Ion:	152	Resp:	148855
Ion Ratio	Lower	Upper	
152	100		
115	77.7	27.9	83.7
150	157.7	0.0	344.0



#1724 (-)
 Isopropylbenzene
 Concen: 4.99 ug/l
 RT: 12.463 min Scan# 1732
 Delta R.T. 0.000 min
 Lab File: VW017718.D
 Acq: 23 Dec 2020 17:46

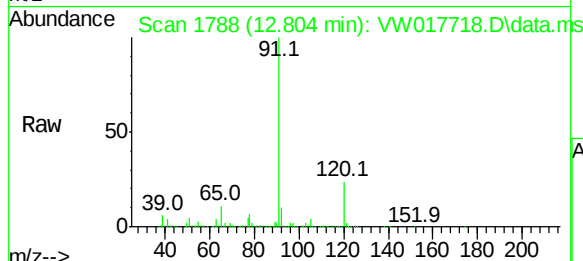
Tgt Ion:	105	Resp:	58697
Ion Ratio	Lower	Upper	
105	100		
120	27.2	13.6	40.7



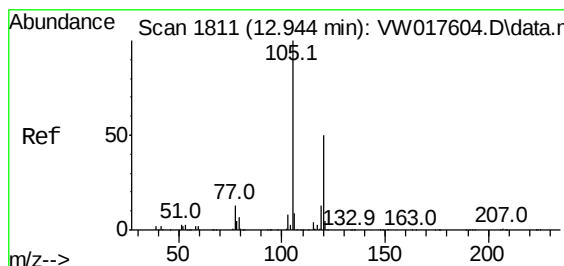
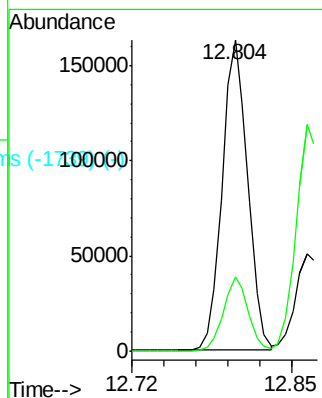
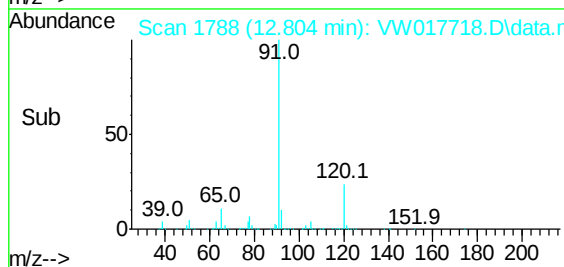


#782 (-)
n-propylbenzene
Concen: 17.63 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW017718.D
Acq: 23 Dec 2020 17:46

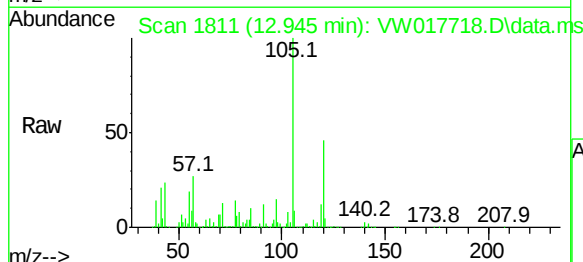
Instrument :
MSVOA_W
ClientSampleId :
EO-01-122320



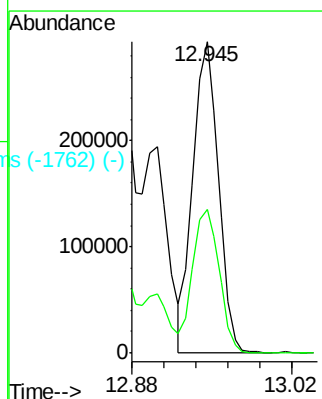
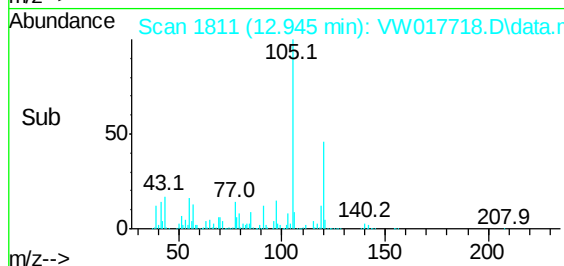
Tgt Ion: 91 Resp: 246404
Ion Ratio Lower Upper
91 100
120 23.0 12.0 36.1

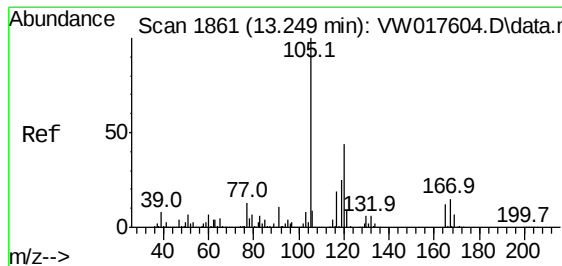


#802 (-)
1,3,5-Trimethylbenzene
Concen: 44.25 ug/l
RT: 12.945 min Scan# 1811
Delta R.T. 0.001 min
Lab File: VW017718.D
Acq: 23 Dec 2020 17:46



Tgt Ion: 105 Resp: 440772
Ion Ratio Lower Upper
105 100
120 48.1 24.9 74.8

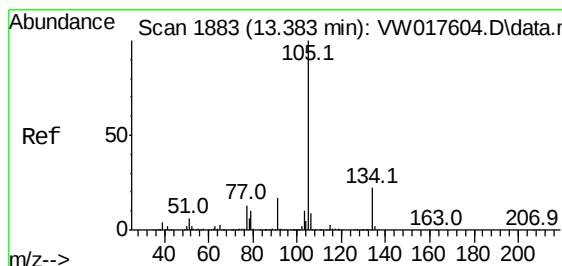
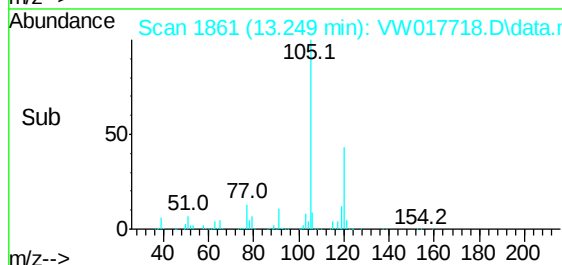
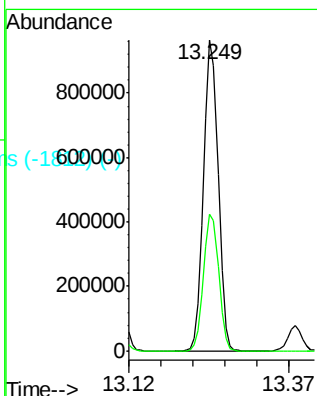
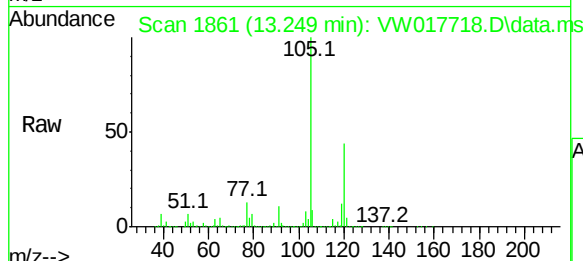




1,2,4-Trimethylbenzene
Concen: 150.69 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW017718.D
Acq: 23 Dec 2020 17:46

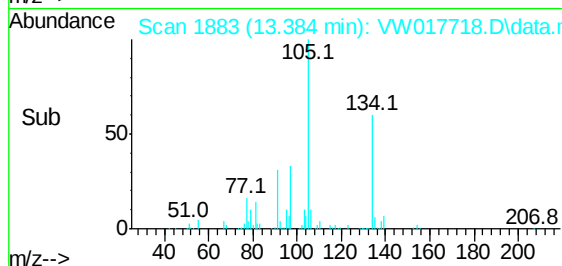
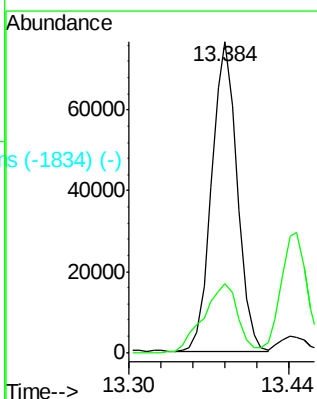
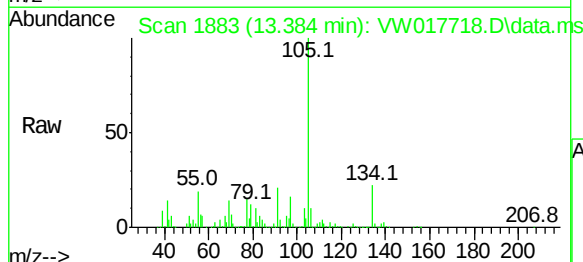
Instrument :
MSVOA_W
ClientSampleId :
EO-01-122320

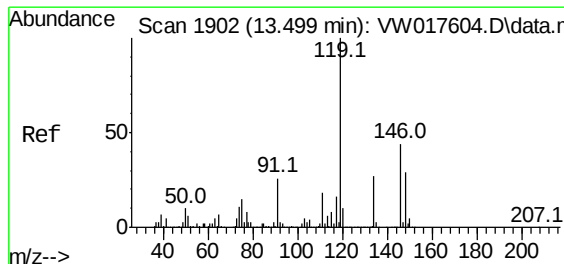
Tgt Ion:105 Resp: 1478528
Ion Ratio Lower Upper
105 100
120 45.4 23.4 70.0



sec-Butylbenzene
Concen: 9.74 ug/l
RT: 13.384 min Scan# 1883
Delta R.T. 0.001 min
Lab File: VW017718.D
Acq: 23 Dec 2020 17:46

Tgt Ion:105 Resp: 116544
Ion Ratio Lower Upper
105 100
134 30.0 10.6 31.8

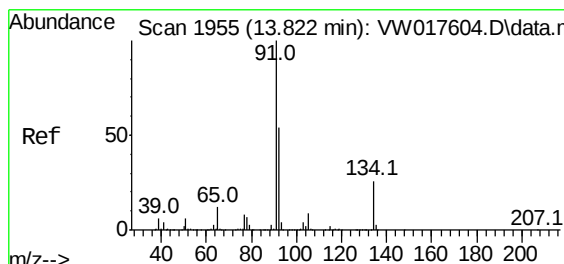
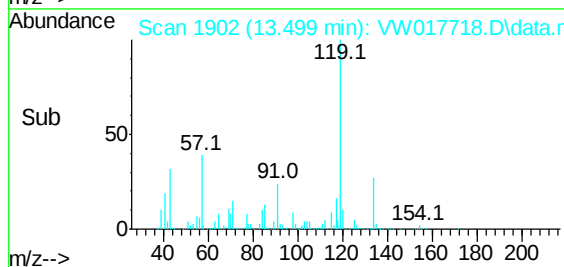
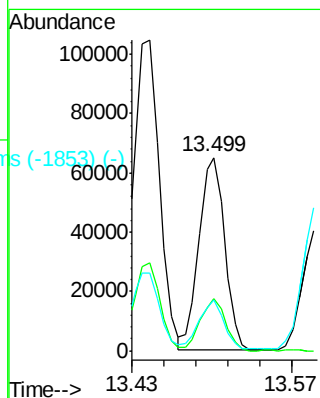
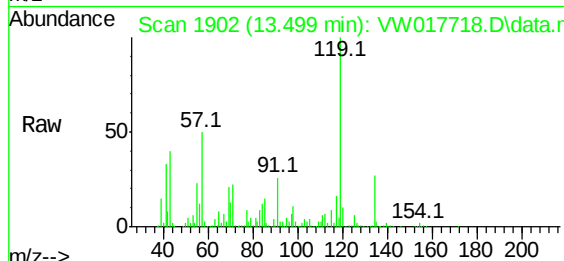




#86
p-Isopropyltoluene
Concen: 9.25 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW017718.D
Acq: 23 Dec 2020 17:46

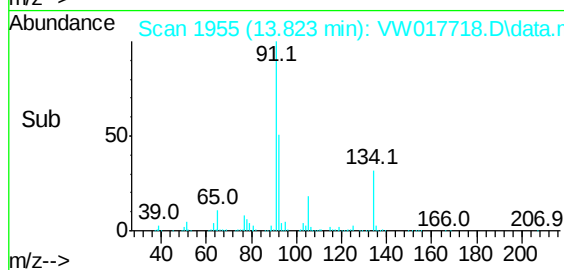
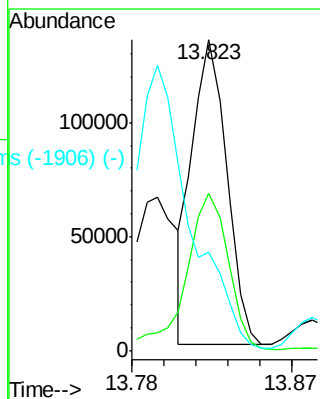
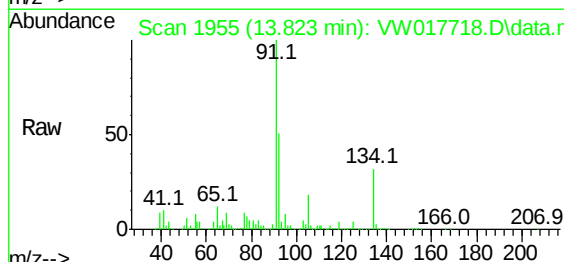
Instrument :
MSVOA_W
ClientSampleId :
EO-01-122320

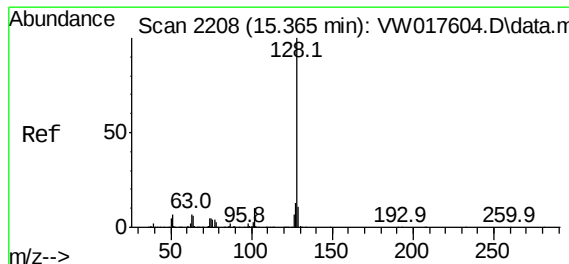
Tgt Ion:	119	Resp:	99913
Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.8	41.3
91	24.1	11.3	33.9



#89
n-Butylbenzene
Concen: 17.62 ug/l
RT: 13.823 min Scan# 1955
Delta R.T. 0.001 min
Lab File: VW017718.D
Acq: 23 Dec 2020 17:46

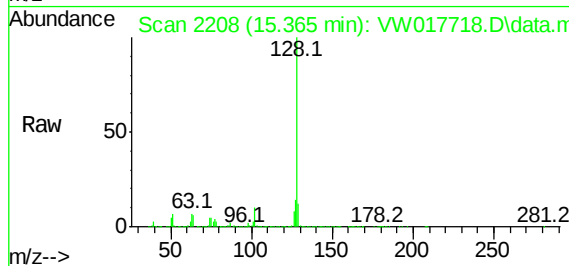
Tgt Ion:	91	Resp:	186991
Ion	Ratio	Lower	Upper
91	100		
92	62.3	26.6	79.7
134	0.0	14.3	42.9#





#95
Naphthalene
Concen: 1960.78 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW017718.D
Acq: 23 Dec 2020 17:46

Instrument :
MSVOA_W
ClientSampleId :
EO-01-122320



Tgt Ion:128 Resp:11458453

Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.4	15.6
129	11.7	8.6	12.8

