

Data Path : Z:\voasrv\HPCHEM1\MSVOA_w\Data\Vw122320\
 Data File : Vw017722.D
 Acq On : 23 Dec 2020 19:27
 Operator : SY/VA
 Sample : L5199-01
 Misc : 5.66G/5ML/MSVOA_w/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-03-122320

Quant Time: Dec 24 01:40:20 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)

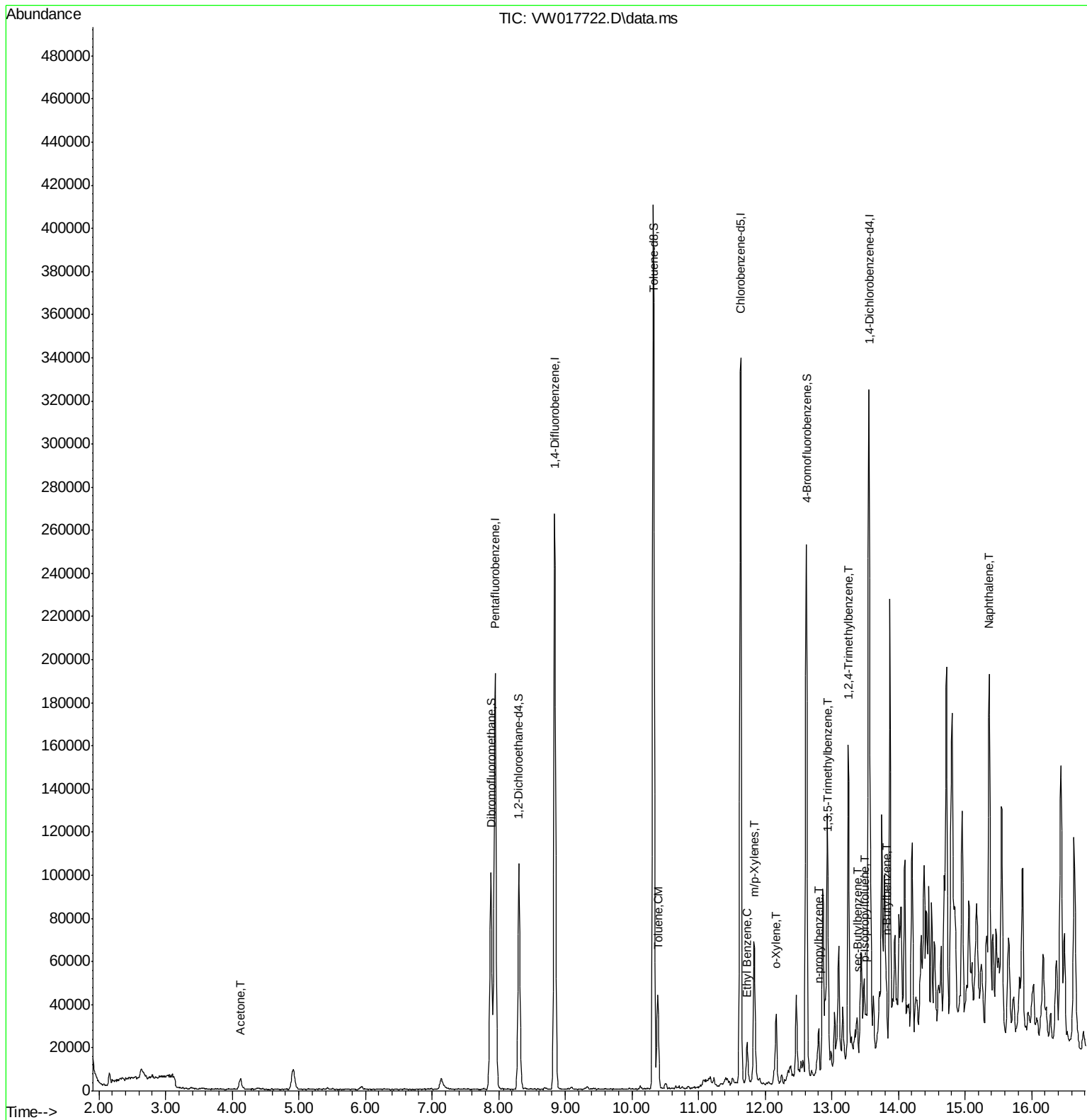
Internal Standards						
1) Pentafluorobenzene	7.945	168	137177	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	223224	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	184525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	73560	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	81121	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
35) Dibromofluoromethane	7.884	113	69973	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	
50) Toluene-d8	10.323	98	261636	45.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.98%	
62) 4-Bromofluorobenzene	12.621	95	80791	39.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.68%	
Target Compounds						
16) Acetone	4.123	43	8578	23.59	ug/l	99
52) Toluene	10.390	92	17731	4.38	ug/l	91
67) Ethyl Benzene	11.731	91	12484	1.69	ug/l	99
68) m/p-Xylenes	11.835	106	17192	6.12	ug/l	93
69) o-Xylene	12.164	106	8413	3.17	ug/l	89
78) n-propylbenzene	12.804	91	15577	2.26	ug/l	96
80) 1,3,5-Trimethylbenzene	12.944	105	26824	5.45	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	77893	16.07	ug/l	99
85) sec-Butylbenzene	13.383	105	9930	1.68	ug/l	91
86) p-Isopropyltoluene	13.499	119	7083	1.33	ug/l	95
89) n-Butylbenzene	13.822	91	15560	2.97	ug/l #	80
95) Naphthalene	15.365	128	132561	45.90	ug/l	99

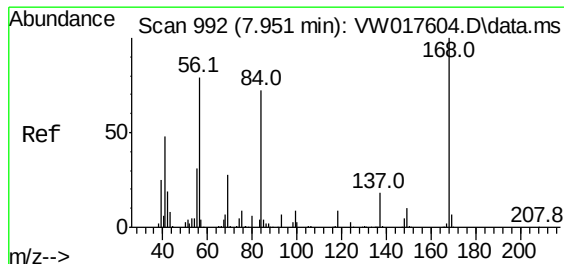
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

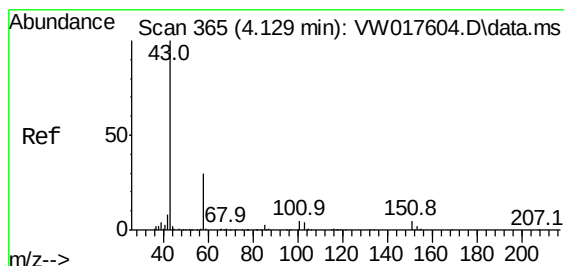
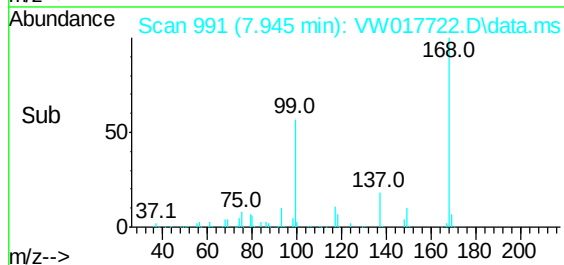
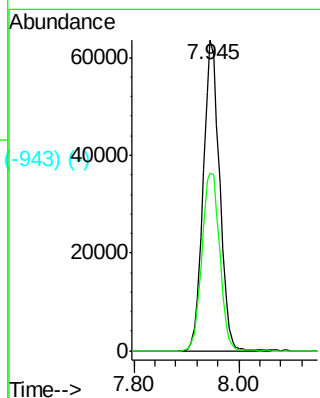
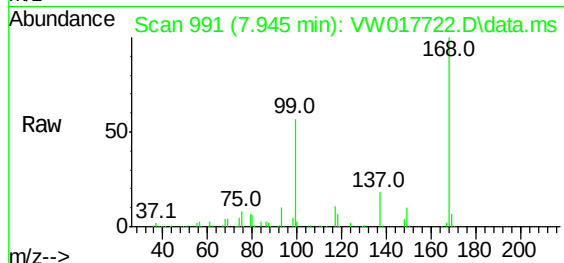




(-943) (-)
 Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.945 min Scan# 991
 Delta R.T. -0.006 min
 Lab File: VW017722.D
 Acq: 23 Dec 2020 19:27

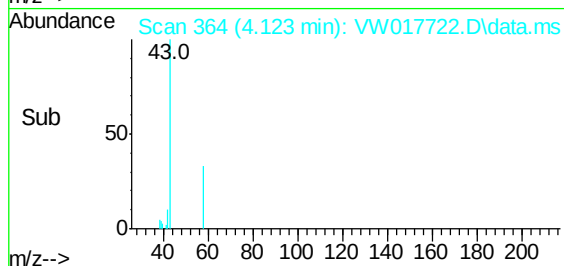
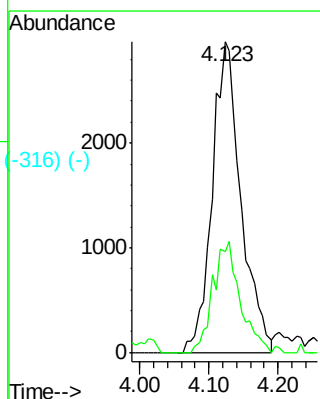
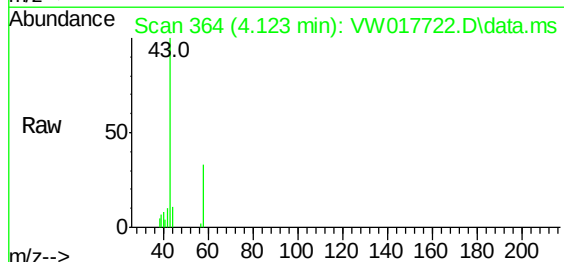
Instrument :
 MSVOA_W
 ClientSampleId :
 OR-03-122320

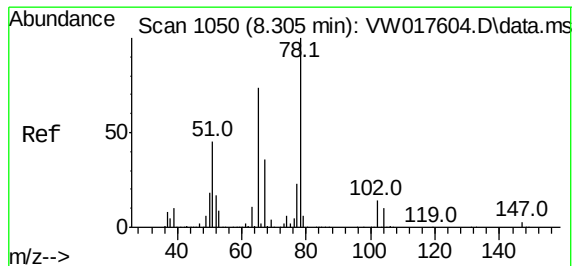
Tgt Ion:168 Resp: 137177
 Ion Ratio Lower Upper
 168 100
 99 57.3 40.7 61.1



(-316) (-)
 Acetone
 Concen: 23.59 ug/l
 RT: 4.123 min Scan# 364
 Delta R.T. -0.006 min
 Lab File: VW017722.D
 Acq: 23 Dec 2020 19:27

Tgt Ion: 43 Resp: 8578
 Ion Ratio Lower Upper
 43 100
 58 32.5 25.7 38.5

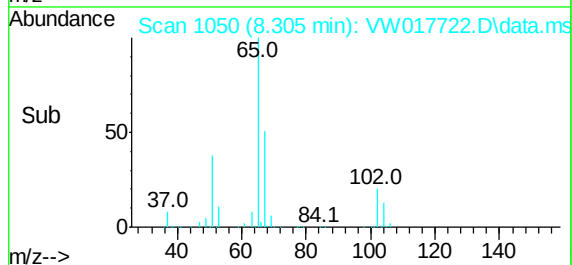
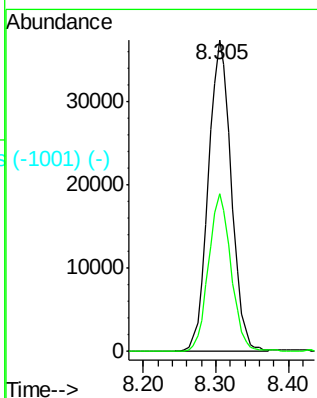
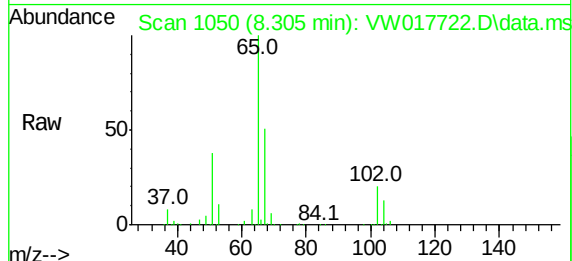




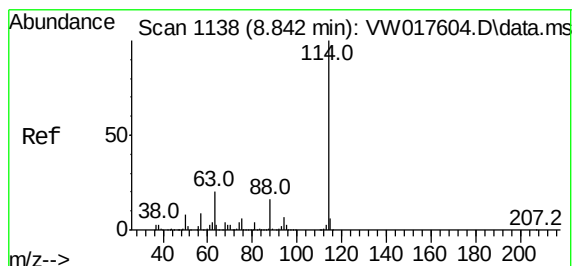
(#1084) (-)
 1,2-Dichloroethane-d4
 Concen: 48.55 ug/l
 RT: 8.305 min Scan# 1050
 Delta R.T. 0.000 min
 Lab File: VW017722.D
 Acq: 23 Dec 2020 19:27

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-03-122320

Tgt Ion: 65 Resp: 81121
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 103.8

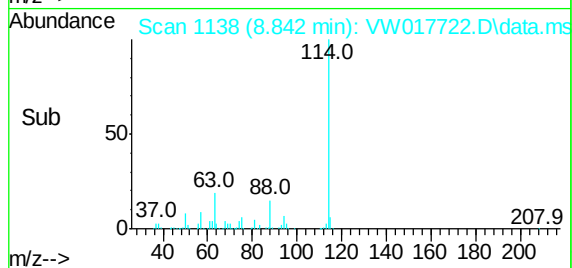
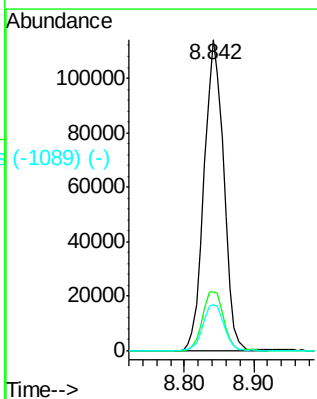
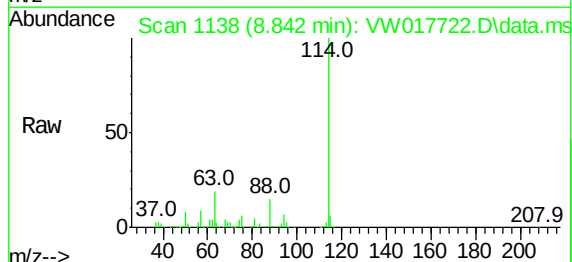


(-1001) (-)

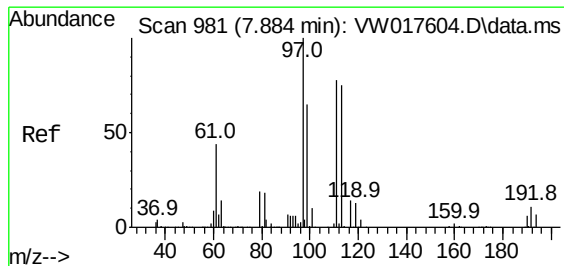


(#1128) (-)
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.842 min Scan# 1138
 Delta R.T. -0.000 min
 Lab File: VW017722.D
 Acq: 23 Dec 2020 19:27

Tgt Ion:114 Resp: 223224
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 35.6
 88 14.5 0.0 30.4



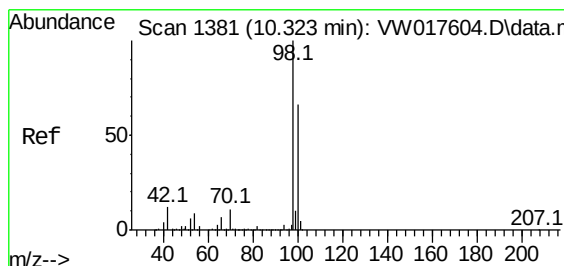
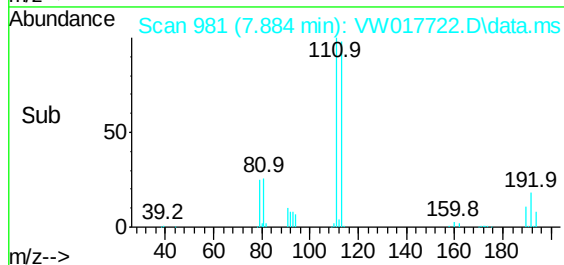
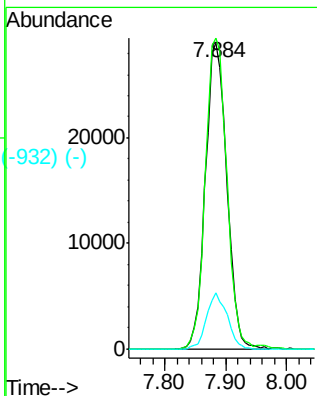
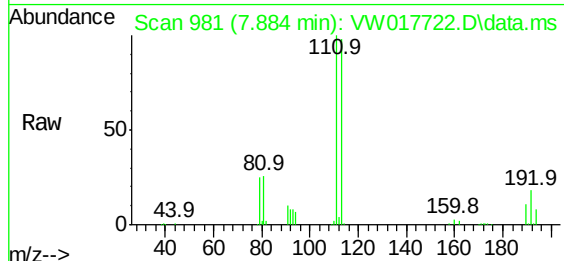
(-1089) (-)



#935 (-)
Dibromofluoromethane
Concen: 47.37 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017722.D
Acq: 23 Dec 2020 19:27

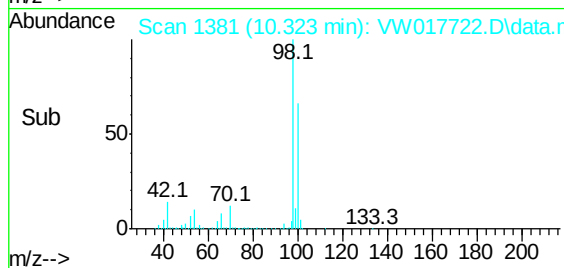
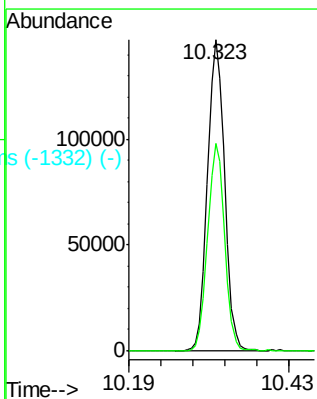
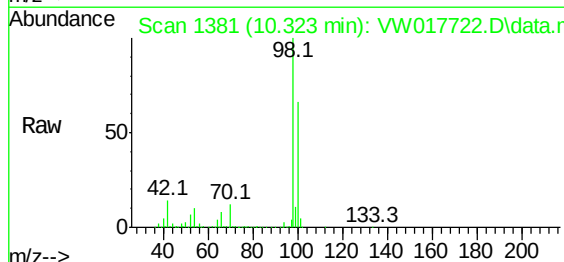
Instrument :
MSVOA_W
ClientSampleId :
OR-03-122320

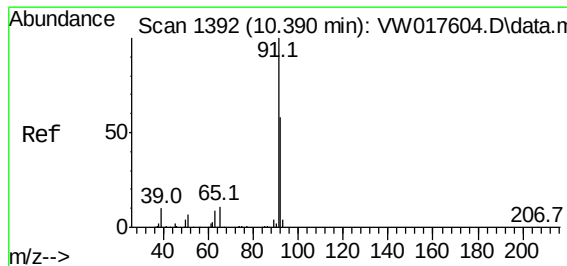
Tgt Ion:113 Resp: 69973
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.2
192 17.5 17.8 26.8#



#518 (-)
To Luene-d8
Concen: 45.49 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW017722.D
Acq: 23 Dec 2020 19:27

Tgt Ion: 98 Resp: 261636
Ion Ratio Lower Upper
98 100
100 66.1 53.3 79.9

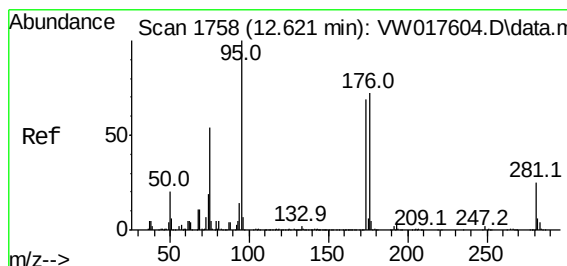
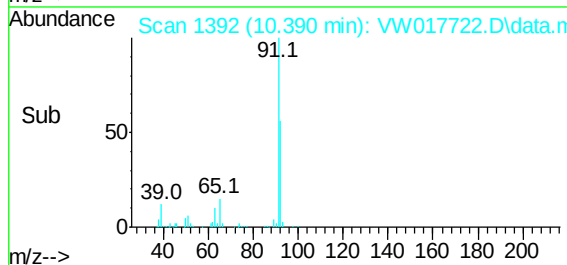
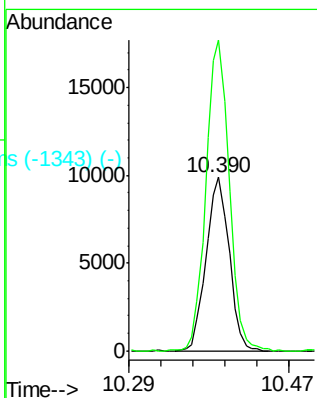
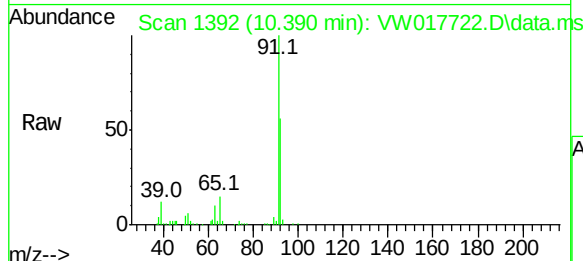




#5283 (-)
Toluene
Concen: 4.38 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW017722.D
Acq: 23 Dec 2020 19:27

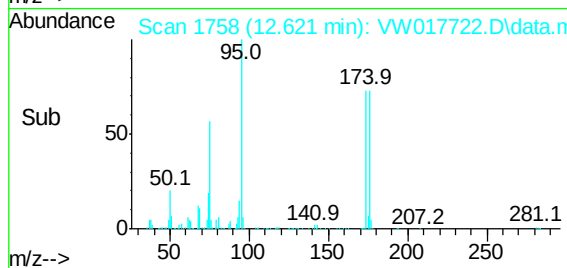
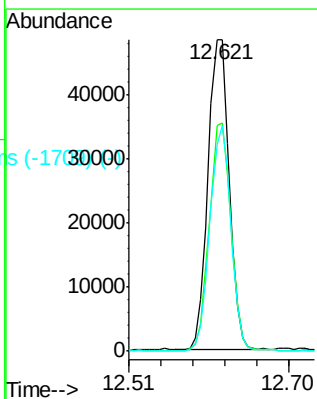
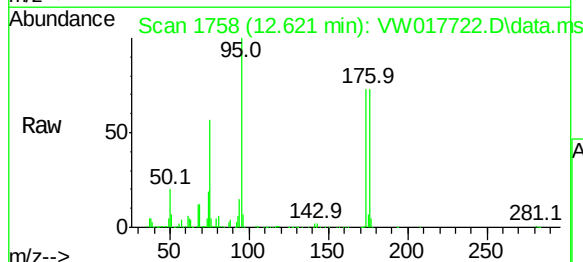
Instrument :
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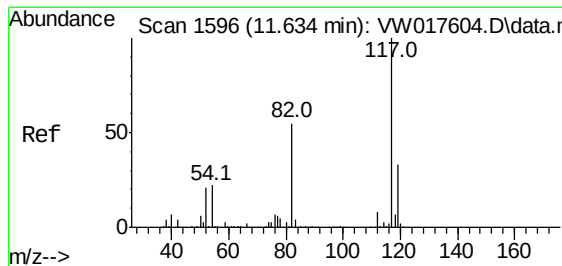
Tgt Ion: 92 Resp: 17731
Ion Ratio Lower Upper
92 100
91 180.5 134.7 202.1



#6249 (-)
4-Bromofluorobenzene
Concen: 39.34 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW017722.D
Acq: 23 Dec 2020 19:27

Tgt Ion: 95 Resp: 80791
Ion Ratio Lower Upper
95 100
174 75.1 0.0 180.6
176 72.0 0.0 177.6

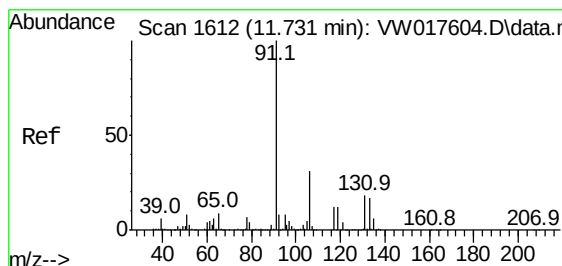
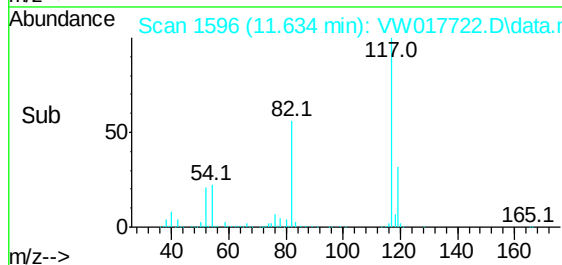
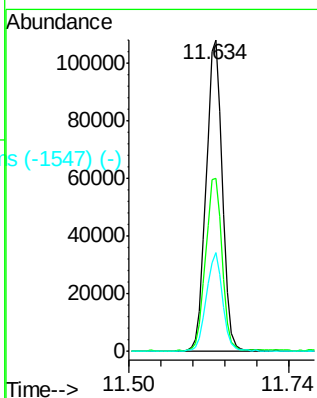
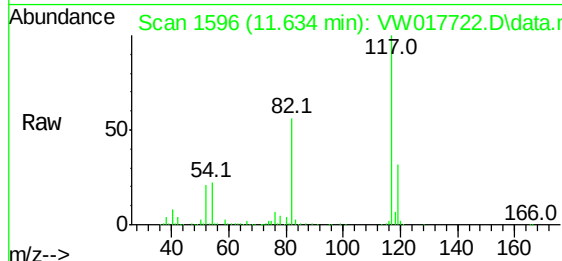




#6386 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017722.D
Acq: 23 Dec 2020 19:27

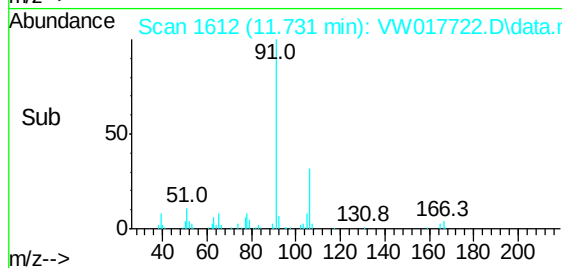
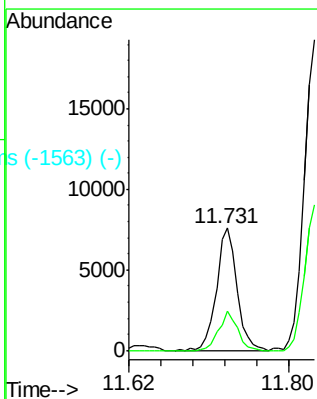
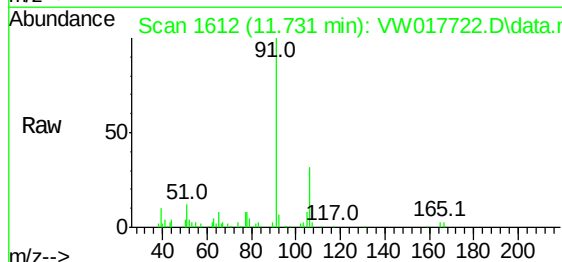
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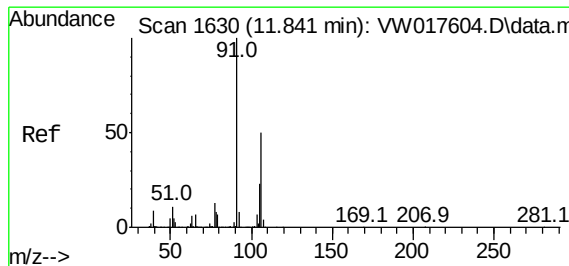
Tgt Ion:117 Resp: 184525
Ion Ratio Lower Upper
117 100
82 55.5 40.7 61.1
119 31.8 25.0 37.4



#6103 (-)
Ethyl Benzene
Concen: 1.69 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW017722.D
Acq: 23 Dec 2020 19:27

Tgt Ion: 91 Resp: 12484
Ion Ratio Lower Upper
91 100
106 31.8 25.9 38.9

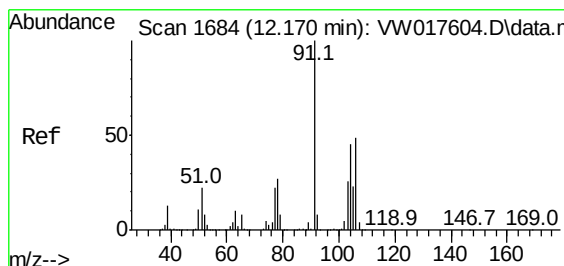
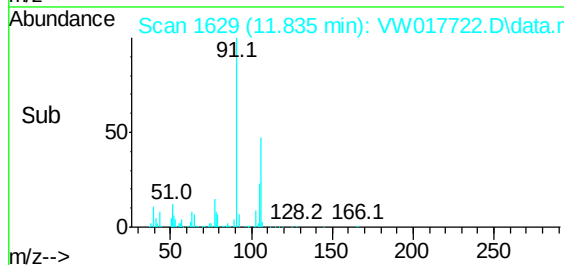
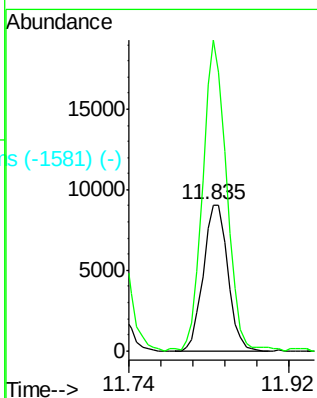
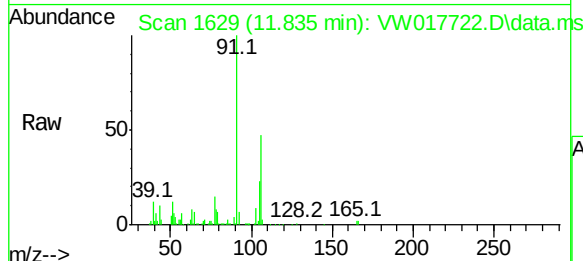




#68
m/p-Xylenes
Concen: 6.12 ug/l
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW017722.D
Acq: 23 Dec 2020 19:27

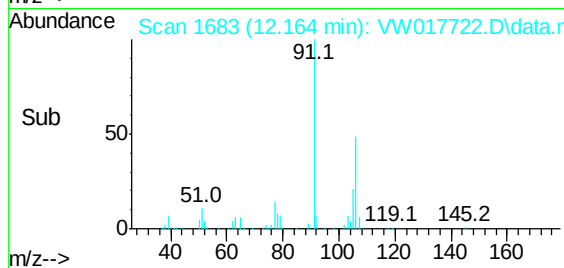
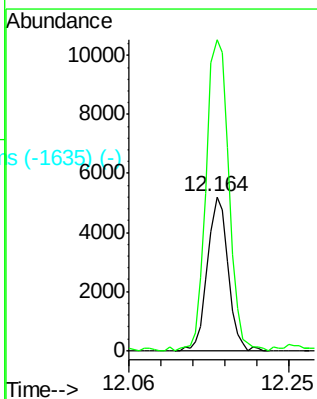
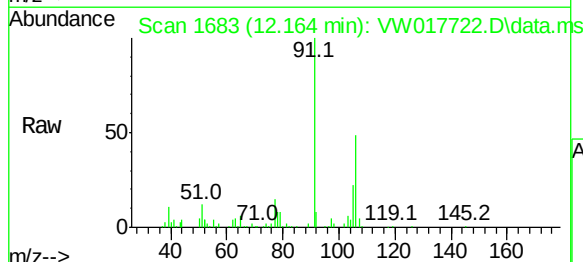
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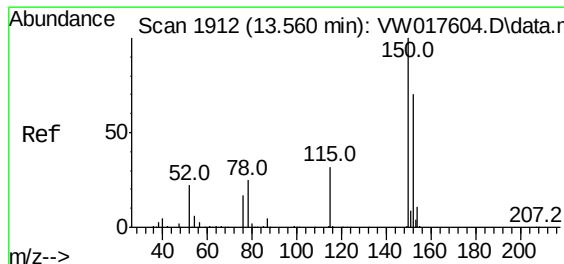
Tgt Ion:106 Resp: 17192
Ion Ratio Lower Upper
106 100
91 207.9 157.4 236.0



#69
o-Xylene
Concen: 3.17 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. -0.006 min
Lab File: VW017722.D
Acq: 23 Dec 2020 19:27

Tgt Ion:106 Resp: 8413
Ion Ratio Lower Upper
106 100
91 225.0 103.6 310.9

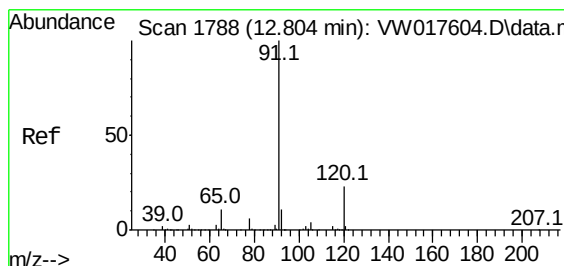
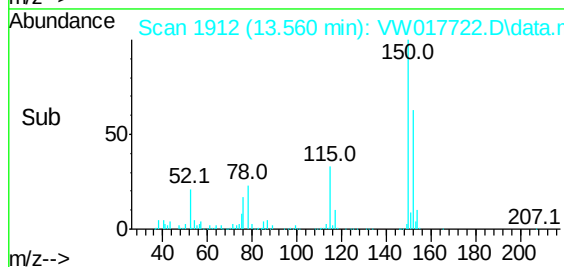
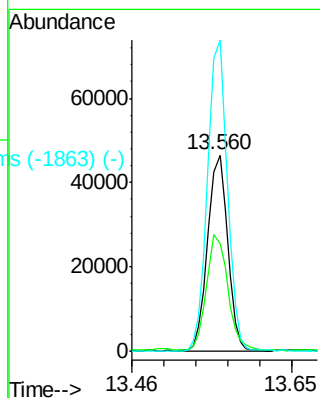
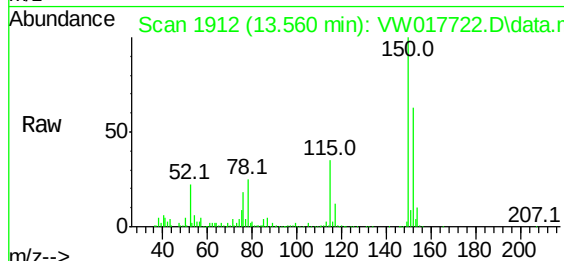




#7204 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017722.D
Acq: 23 Dec 2020 19:27

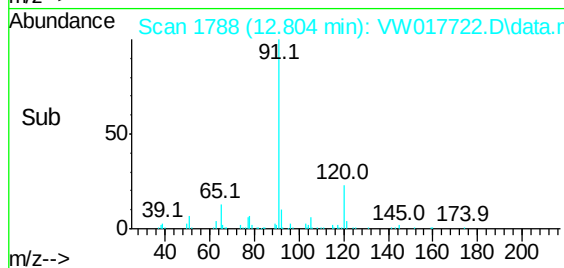
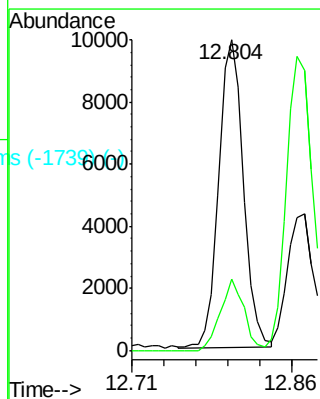
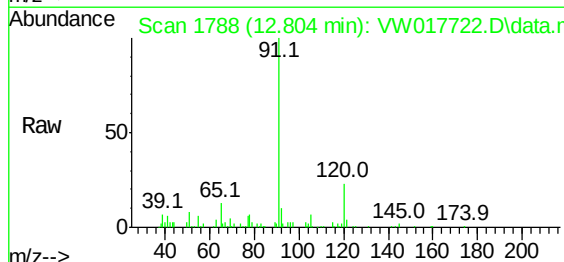
Instrument :
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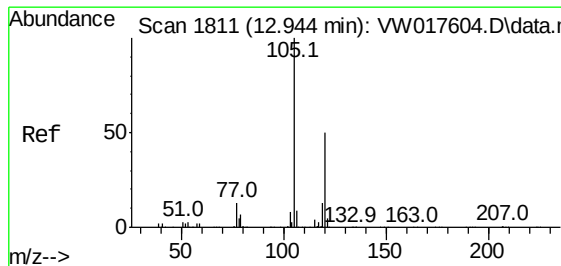
Tgt Ion:	152	Resp:	73560
Ion Ratio	Lower	Upper	
152	100		
115	63.0	27.9	83.7
150	156.6	0.0	344.0



#7182 (-)
n-propylbenzene
Concen: 2.26 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW017722.D
Acq: 23 Dec 2020 19:27

Tgt Ion:	91	Resp:	15577
Ion Ratio	Lower	Upper	
91	100		
120	22.3	12.0	36.1

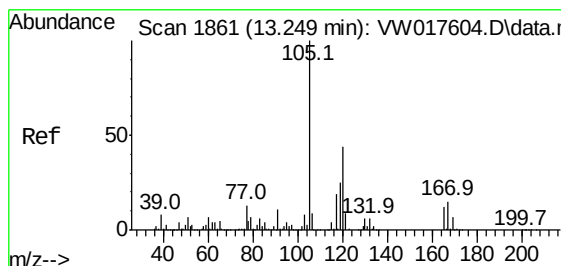
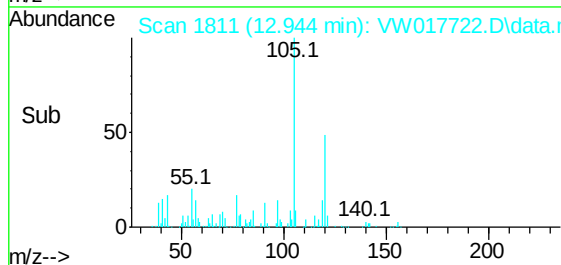
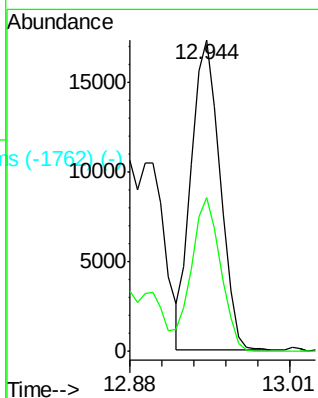
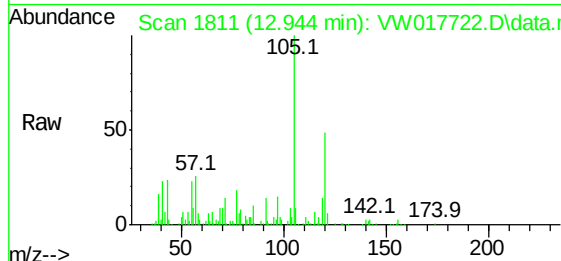




#890 (-)
 1,3,5-Trimethylbenzene
 Concen: 5.45 ug/l
 RT: 12.944 min Scan# 1811
 Delta R.T. 0.000 min
 Lab File: VW017722.D
 Acq: 23 Dec 2020 19:27

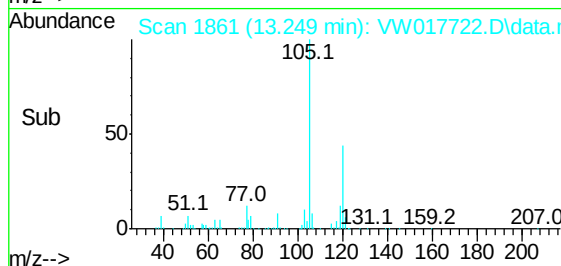
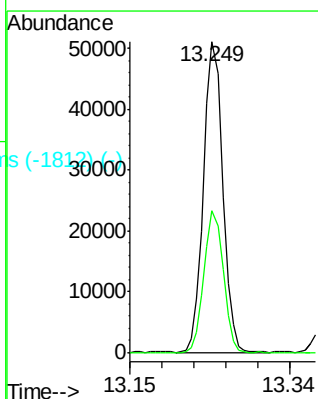
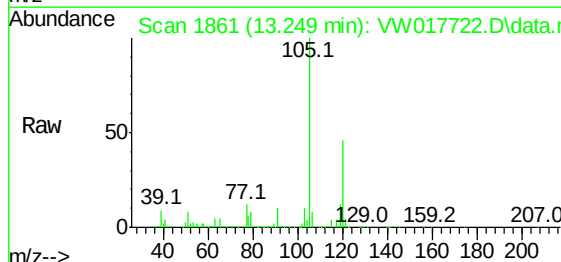
Instrument :
 MSVOA_W
 ClientSampleId :
 OR-03-122320

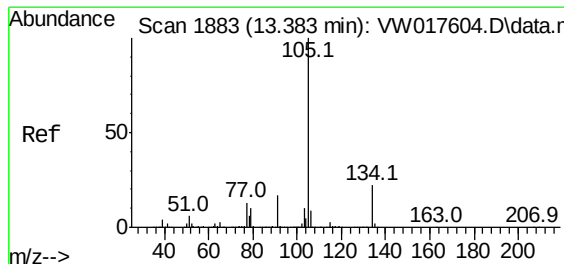
Tgt Ion:105 Resp: 26824
 Ion Ratio Lower Upper
 105 100
 120 50.8 24.9 74.8



#914 (-)
 1,2,4-Trimethylbenzene
 Concen: 16.07 ug/l
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW017722.D
 Acq: 23 Dec 2020 19:27

Tgt Ion:105 Resp: 77893
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.4 70.0

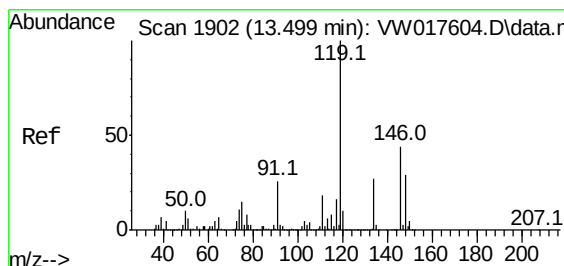
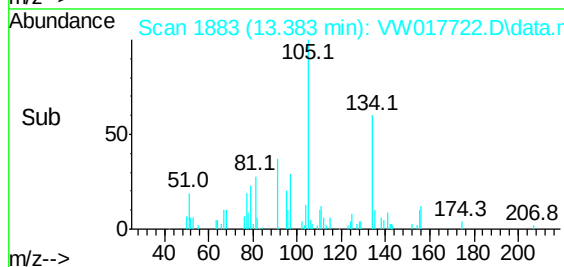
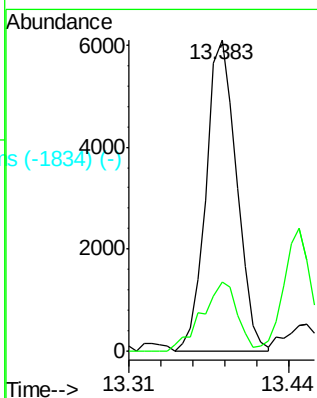
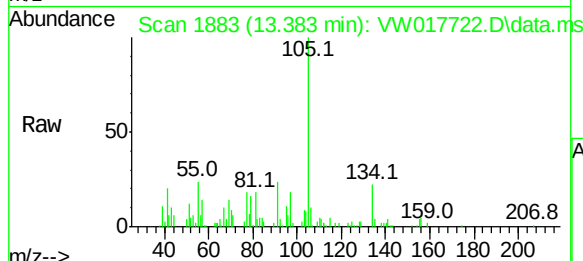




#85
sec-Butylbenzene
Concen: 1.68 ug/l
RT: 13.383 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VW017722.D
Acq: 23 Dec 2020 19:27

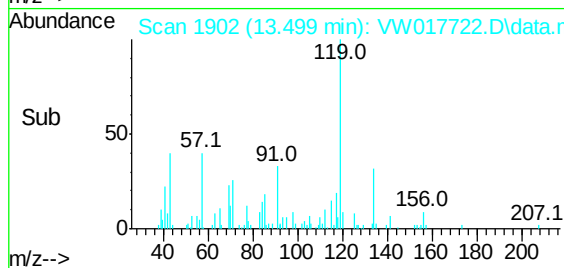
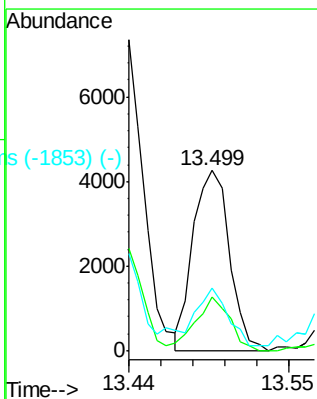
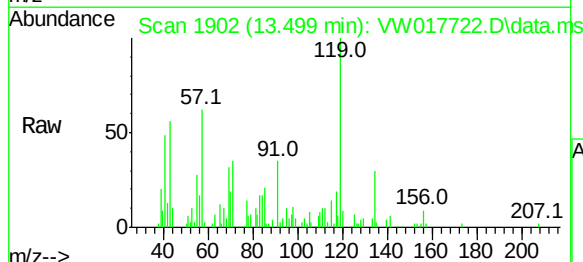
Instrument :
MSVOA_W
ClientSampleId :
OR-03-122320

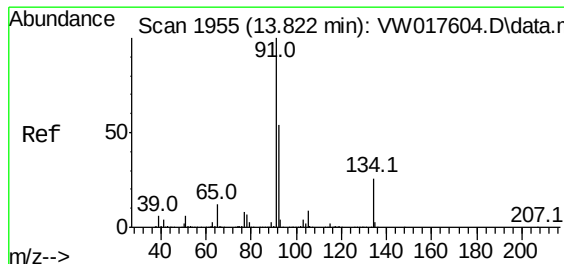
Tgt Ion:105 Resp: 9930
Ion Ratio Lower Upper
105 100
134 25.5 10.6 31.8



#86
p-Isopropyltoluene
Concen: 1.33 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW017722.D
Acq: 23 Dec 2020 19:27

Tgt Ion:119 Resp: 7083
Ion Ratio Lower Upper
119 100
134 27.9 13.8 41.3
91 27.5 11.3 33.9

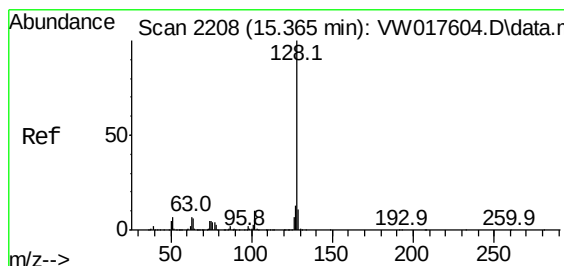
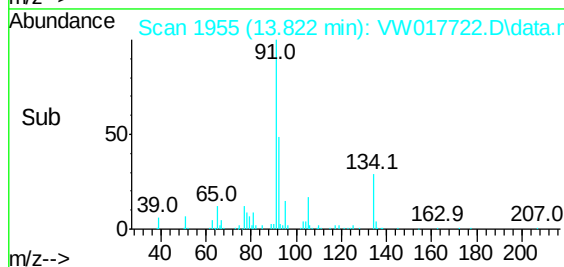
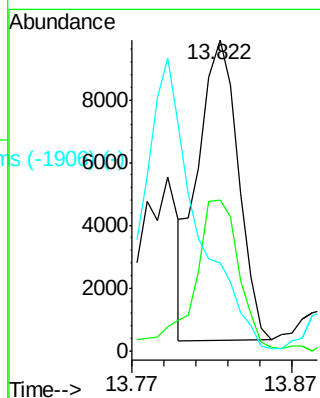
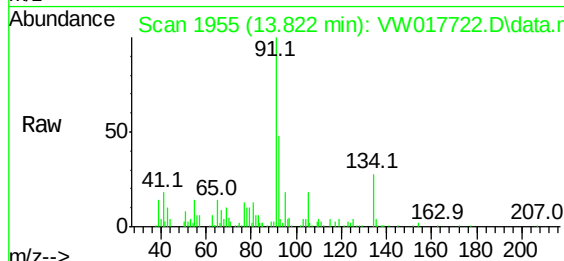




#99 (-)
n-Butylbenzene
Concen: 2.97 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW017722.D
Acq: 23 Dec 2020 19:27

Instrument :
MSVOA_W
ClientSampleId :
OR-03-122320

Tgt Ion:	91	Resp:	15560
Ion Ratio	Lower	Upper	
91	100		
92	54.0	26.6	79.7
134	0.0	14.3	42.9#



#91 (-)
Naphthalene
Concen: 45.90 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW017722.D
Acq: 23 Dec 2020 19:27

Tgt Ion:	128	Resp:	132561
Ion Ratio	Lower	Upper	
128	100		
127	13.7	10.4	15.6
129	10.9	8.6	12.8

