

Data Path : Z:\voasrv\HPCHEM1\MSVOA_w\Data\Vw122120\
 Data File : Vw017692.D
 Acq On : 21 Dec 2020 17:42
 Operator : SY/VA
 Sample : L5179-01
 Misc : 5.04G/5ML/MSVOA_w/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CHRT-24743

Manual Integrations
 APPROVED

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 12/22/2020 11:17:50 AM

Quant Time: Dec 22 03:48:04 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	168246	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	325957	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	163684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	31901	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	127211	62.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.14%	
35) Dibromofluoromethane	7.884	113	112910	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
50) Toluene-d8	10.323	98	288386	34.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.68%	
62) 4-Bromofluorobenzene	12.621	95	54637	18.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.44%	
Target Compounds						Qvalue
11) Tert butyl alcohol	5.190	59	21099	126.31	ug/l	98
16) Acetone	4.141	43	2968	6.66	ug/l #	85
20) Methylene Chloride	4.915	84	21437	6.38	ug/l #	81
39) Methylcyclohexane	9.335	83	7808	1.81	ug/l	93
52) Toluene	10.390	92	8720	1.47	ug/l	92
67) Ethyl Benzene	11.731	91	10062	1.54	ug/l #	88
68) m/p-Xylenes	11.835	106	8728	3.50	ug/l	92
69) o-Xylene	12.164	106	5059	2.15	ug/l	90
78) n-propylbenzene	12.804	91	7032	2.35	ug/l	94
80) 1,3,5-Trimethylbenzene	12.945	105	11625	5.45	ug/l	93
84) 1,2,4-Trimethylbenzene	13.249	105	29243	13.91	ug/l	97
85) sec-Butylbenzene	13.383	105	34356	13.40	ug/l	94
86) p-Isopropyltoluene	13.499	119	40934	17.68	ug/l #	78
89) n-Butylbenzene	13.829	91	8083m	3.55	ug/l	

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

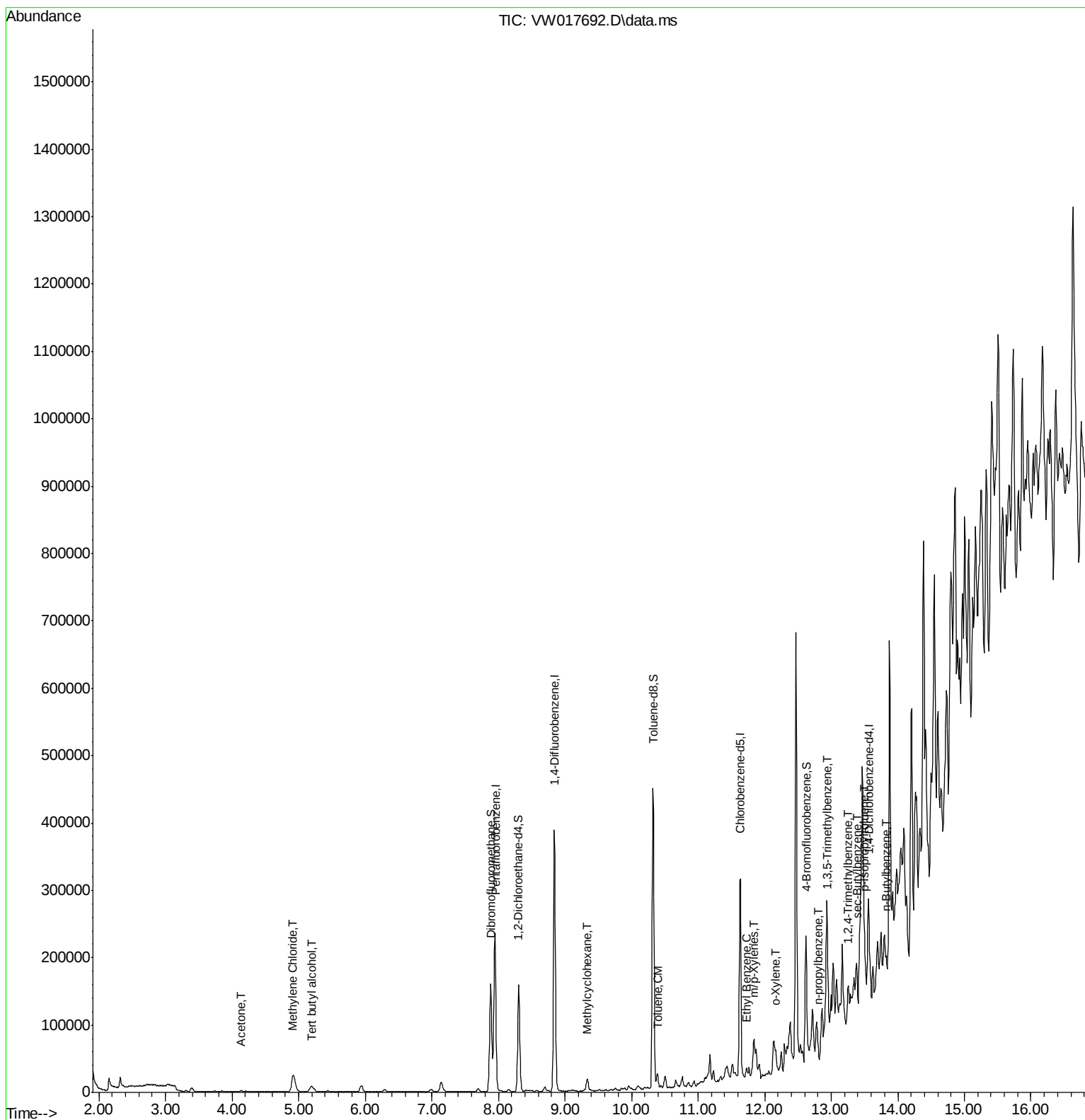
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\Vw122120\
Data File : VW017692.D
Acq On : 21 Dec 2020 17:42
Operator : SY/VA
Sample : L5179-01
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ALS Vial : 11 Sample Multiplier: 1

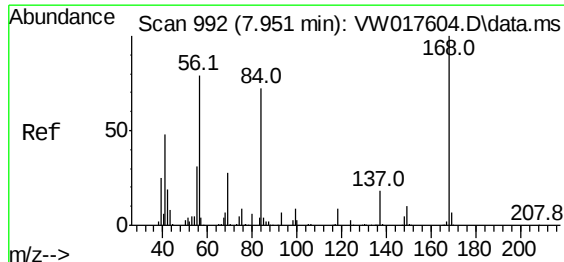
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Quant Time: Dec 22 03:48:04 2020
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82w121420S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 14 12:39:23 2020
Response via : Initial Calibration

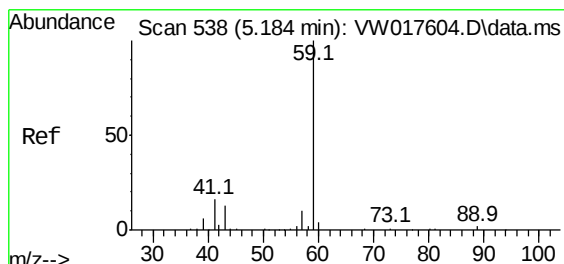
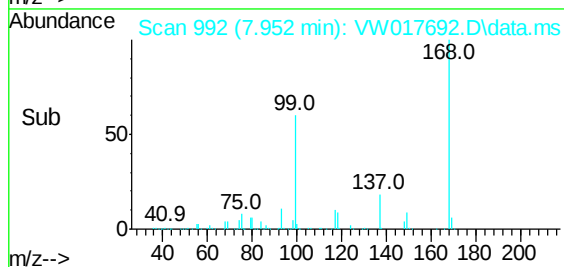
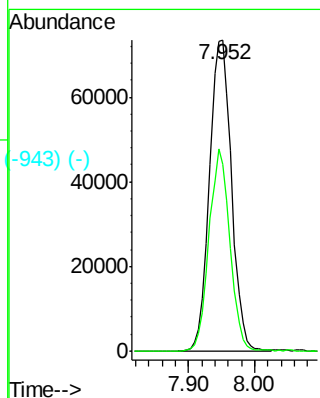
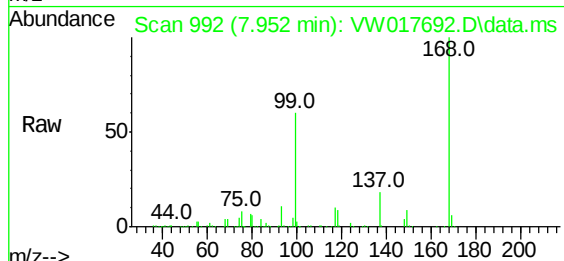




Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW017692.D
Acq: 21 Dec 2020 17:42

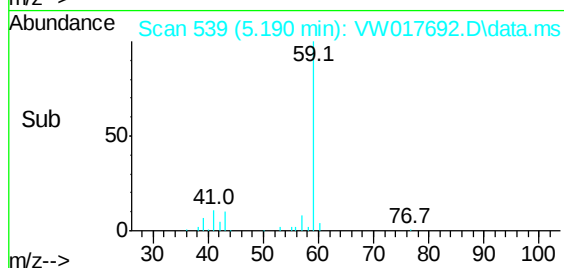
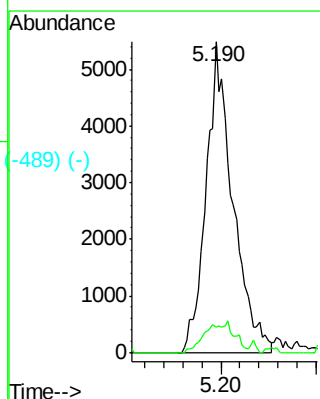
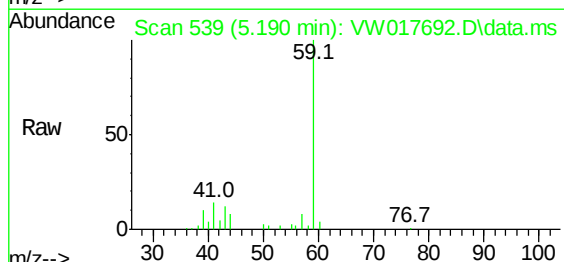
Instrument :
MSVOA_W
ClientSampleId :
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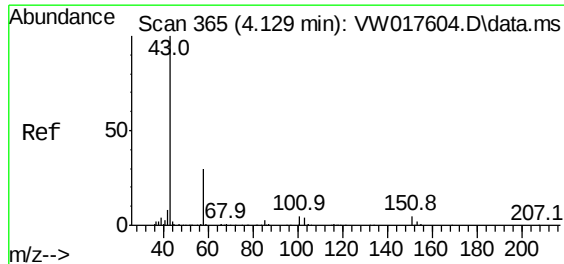
Tgt Ion:168 Resp: 168246
Ion Ratio Lower Upper
168 100
99 59.8 40.7 61.1



Tert butyl alcohol
Concen: 126.31 ug/l
RT: 5.190 min Scan# 539
Delta R.T. 0.006 min
Lab File: VW017692.D
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Tgt Ion: 59 Resp: 21099
Ion Ratio Lower Upper
59 100
57 6.6 4.7 7.1





Acetone

Concen: 6.66 ug/l

RT: 4.141 min Scan# 367

Delta R.T. 0.012 min

Lab File: VW017692.D

Acq: 21 Dec 2020 17:42

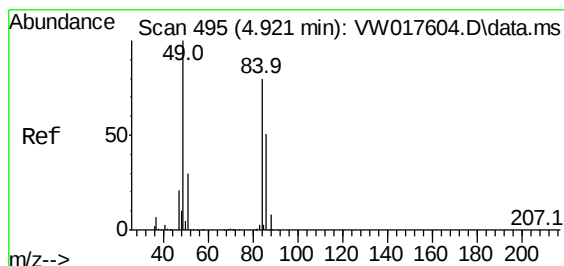
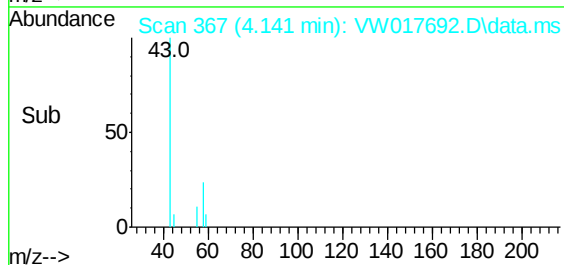
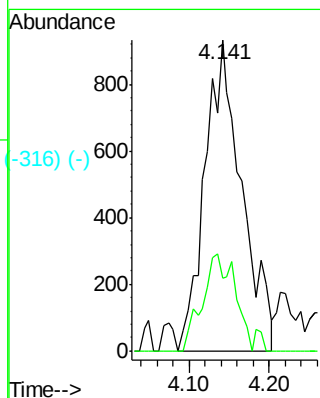
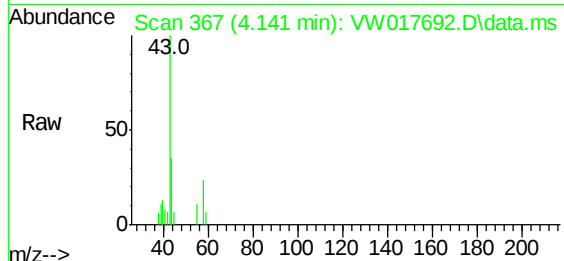
Tgt Ion: 43 Resp: 2968

Ion	Ratio	Lower	Upper
43	100		
58	23.6	25.7	38.5#

Instrument :
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Methylene Chloride

Concen: 6.38 ug/l

RT: 4.915 min Scan# 494

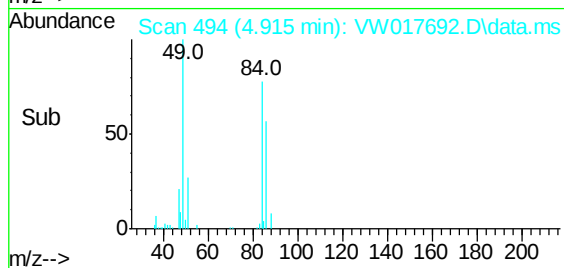
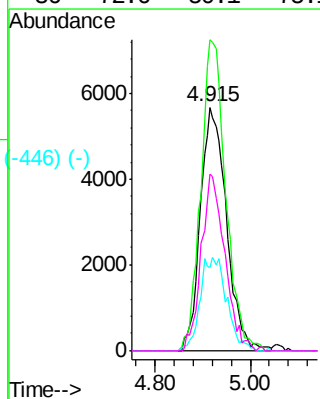
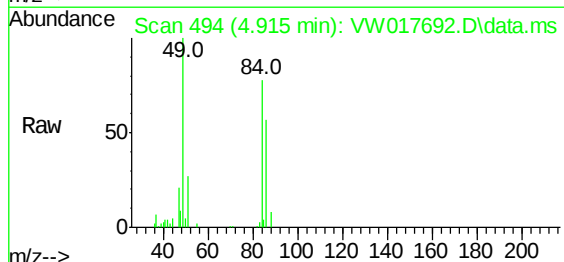
Delta R.T. -0.006 min

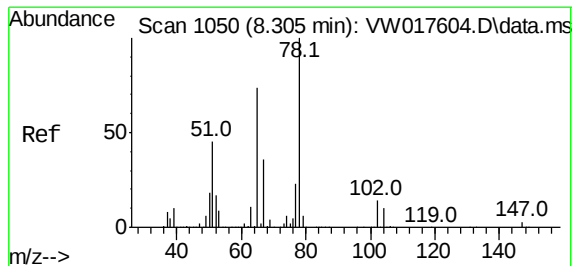
Lab File: VW017692.D

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Tgt Ion: 84 Resp: 21437

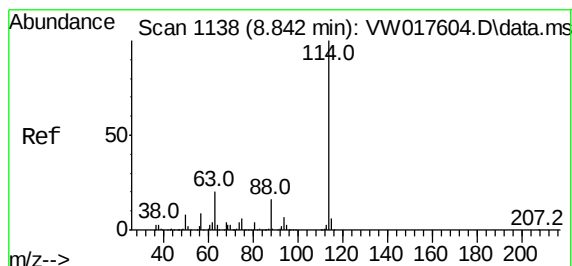
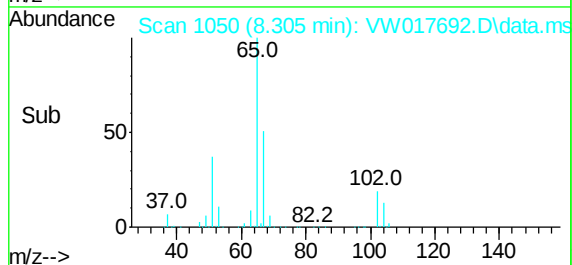
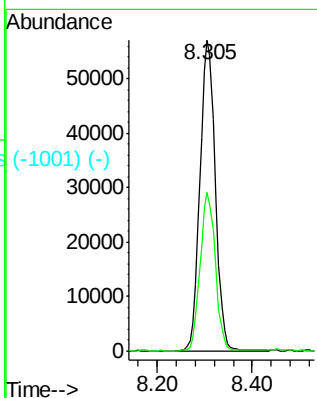
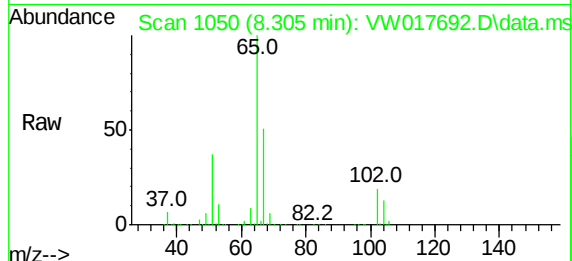
Ion	Ratio	Lower	Upper
84	100		
49	127.6	79.0	118.6#
51	34.1	26.1	39.1
86	72.6	50.1	75.1





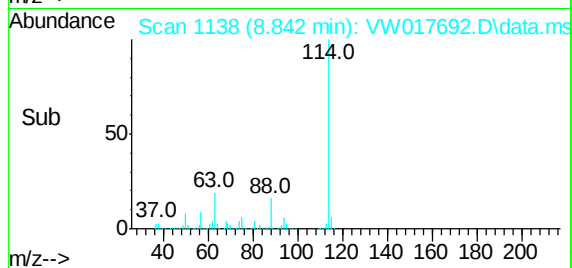
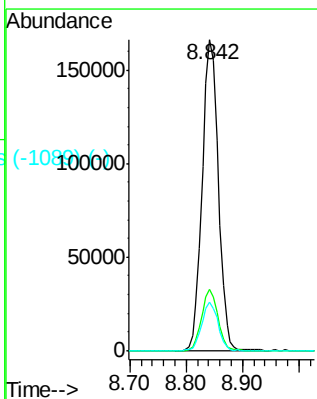
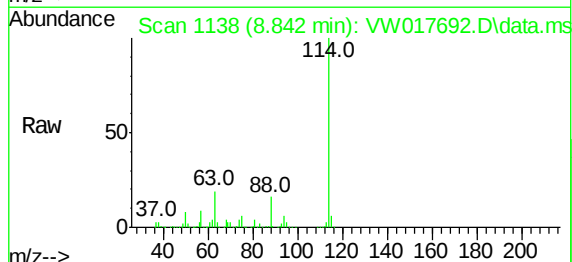
#1050 (-)
1,2-Dichloroethane-d4
Concen: 62.07 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW017692.D
Acq: 21 Dec 2020 17:42

Tgt Ion: 65 Resp: 127211
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.8



#1138 (-)
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW017692.D
Acq: 21 Dec 2020 17:42

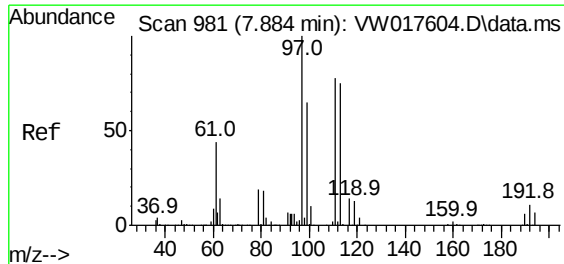
Tgt Ion:114 Resp: 325957
Ion Ratio Lower Upper
114 100
63 19.5 0.0 35.6
88 15.6 0.0 30.4



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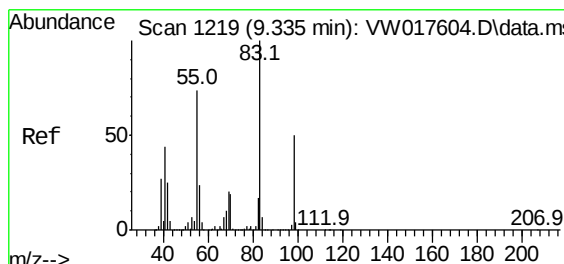
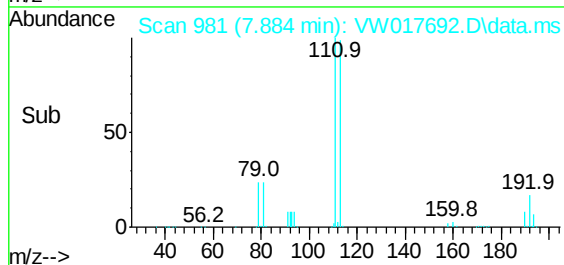
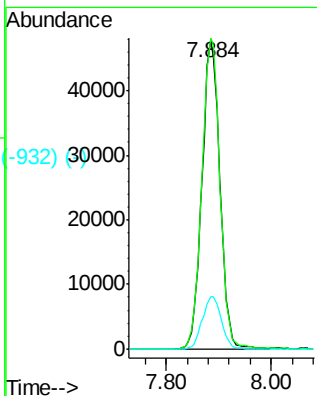
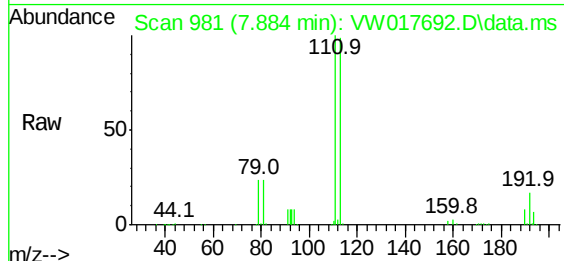
#935 (-)
Dibromofluoromethane
Concen: 52.34 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017692.D
Acq: 21 Dec 2020 17:42

Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion:113 Resp: 112910
Ion Ratio Lower Upper
113 100
111 101.5 81.4 122.2
192 17.7 17.8 26.8#

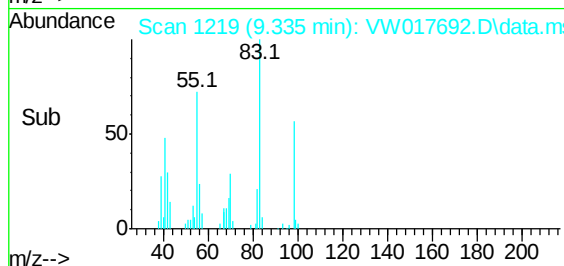
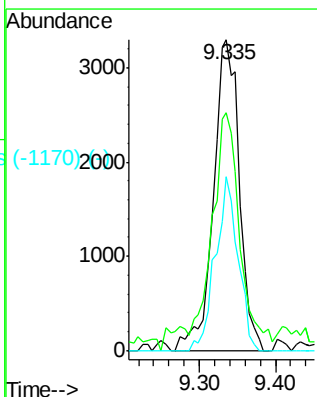
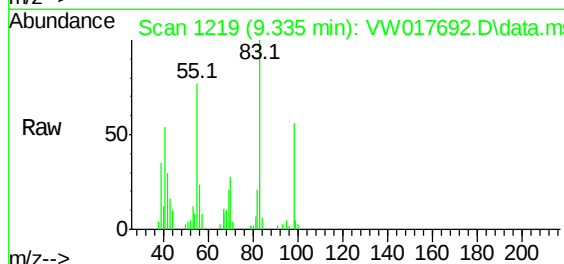
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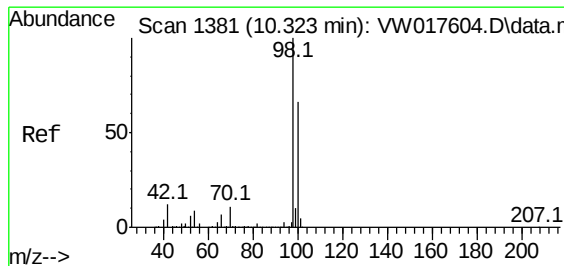
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#1306 (-)
Methylcyclohexane
Concen: 1.81 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW017692.D
Acq: 21 Dec 2020 17:42

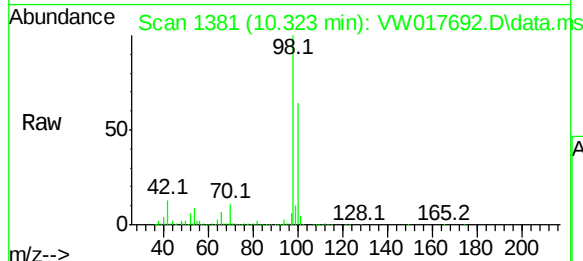
Tgt Ion: 83 Resp: 7808
Ion Ratio Lower Upper
83 100
55 70.6 51.7 77.5
98 55.9 41.0 61.4





#50
Toluene-d8
Concen: 34.34 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: Vw017692.D
Acq: 21 Dec 2020 17:42

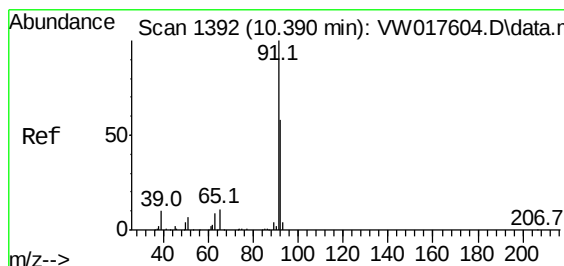
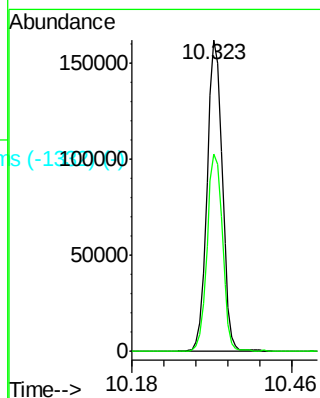
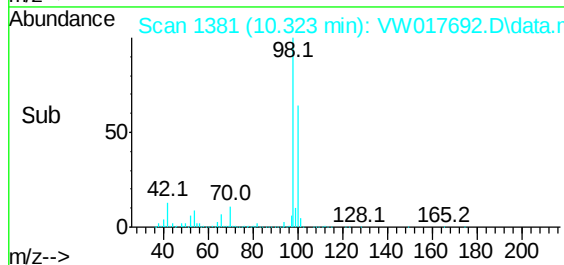
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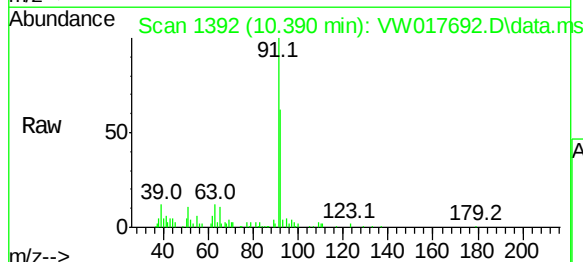
Tgt Ion: 98 Resp: 288386
Ion Ratio Lower Upper
98 100
100 64.1 53.3 79.9

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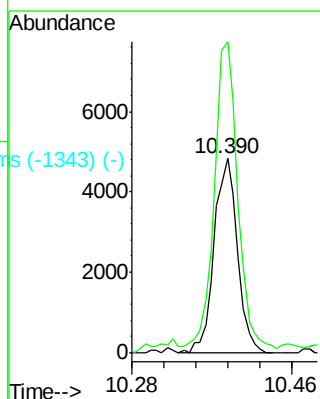
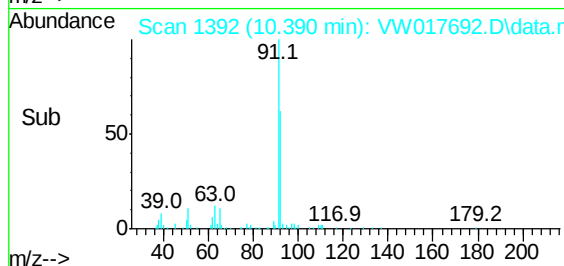
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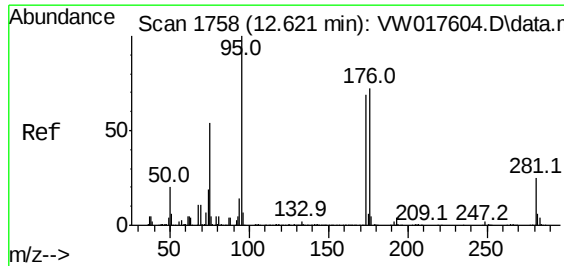


#52
Toluene
Concen: 1.47 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: Vw017692.D
Acq: 21 Dec 2020 17:42



Tgt Ion: 92 Resp: 8720
Ion Ratio Lower Upper
92 100
91 158.1 134.7 202.1





#6249 (-)
4-Bromofluorobenzene
Concen: 18.22 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW017692.D
Acq: 21 Dec 2020 17:42

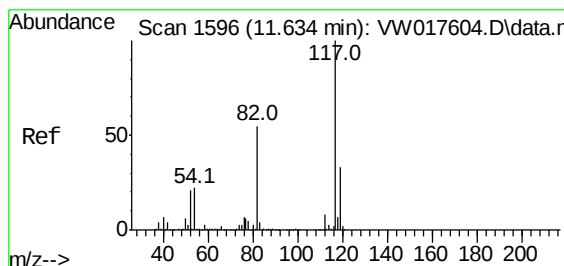
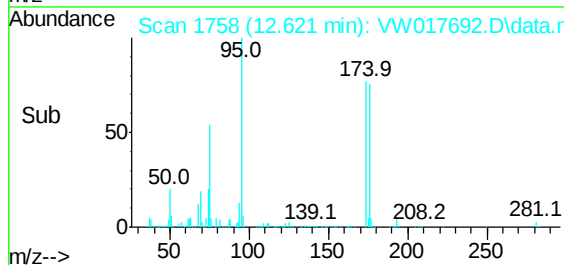
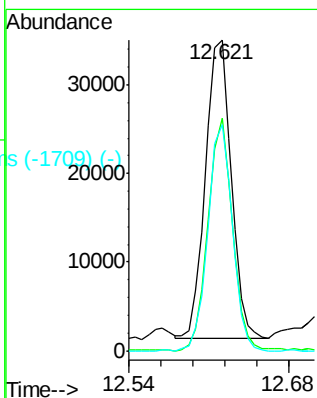
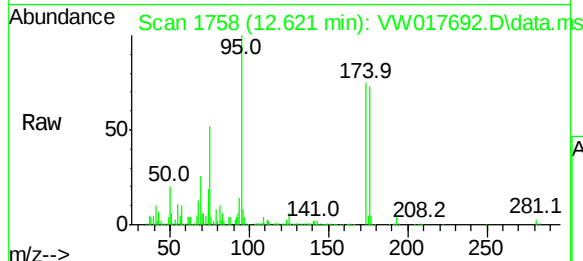
Tgt Ion: 95 Resp: 54637

Ion	Ratio	Lower	Upper
95	100		
174	74.4	0.0	180.6
176	72.4	0.0	177.6

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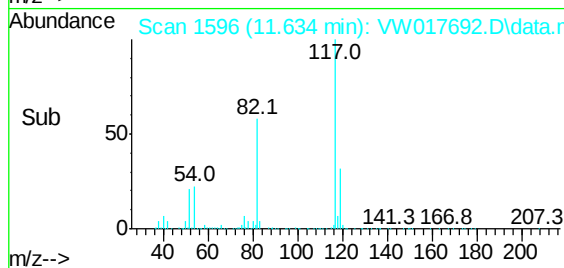
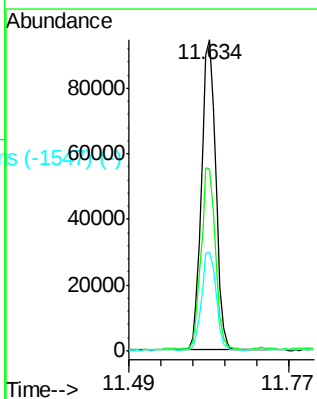
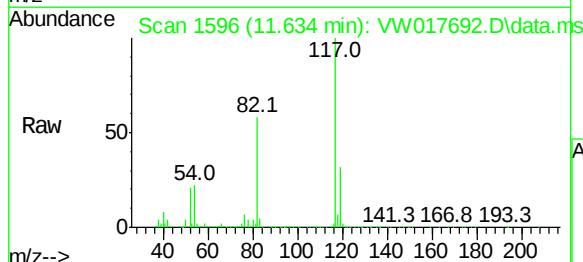
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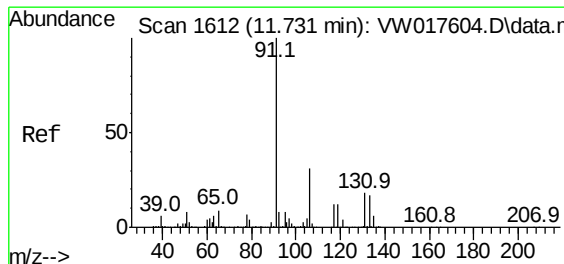


#6386 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017692.D
Acq: 21 Dec 2020 17:42

Tgt Ion: 117 Resp: 163684

Ion	Ratio	Lower	Upper
117	100		
82	58.0	40.7	61.1
119	31.5	25.0	37.4





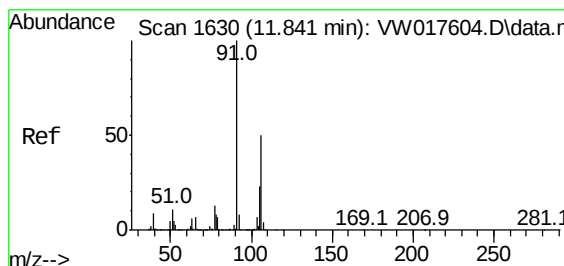
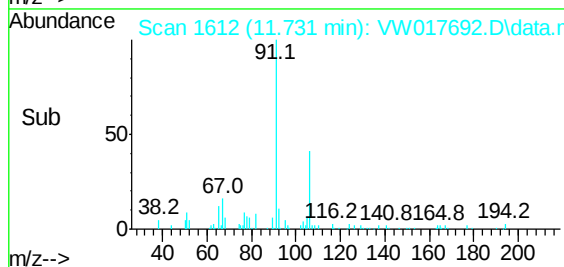
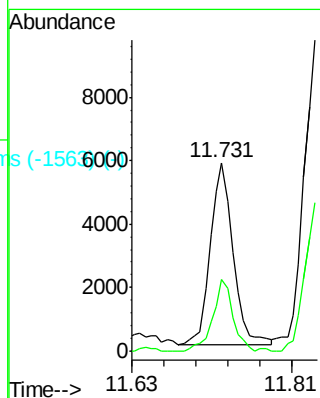
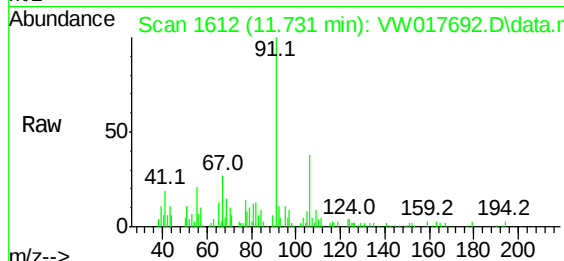
#67
Ethyl Benzene
Concen: 1.54 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW017692.D
Acq: 21 Dec 2020 17:42

Tgt Ion: 91 Resp: 10062
Ion Ratio Lower Upper
91 100
106 38.9 25.9 38.9#

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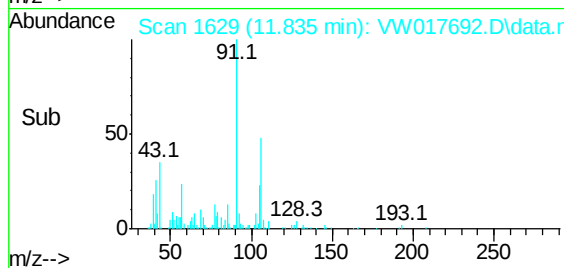
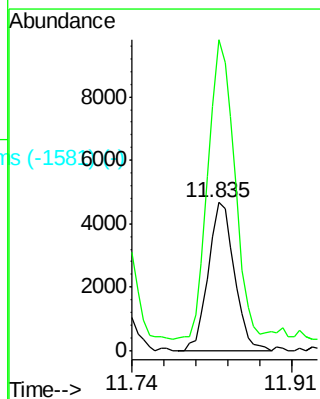
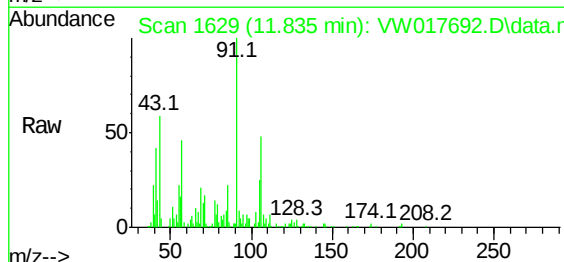
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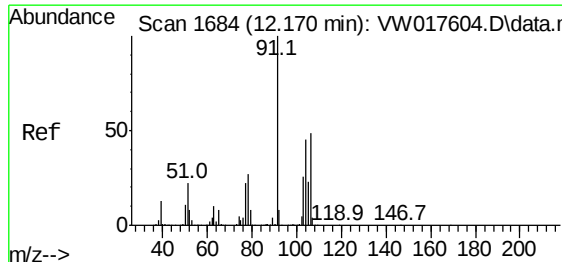
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#68
m/p-Xylenes
Concen: 3.50 ug/l
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW017692.D
Acq: 21 Dec 2020 17:42

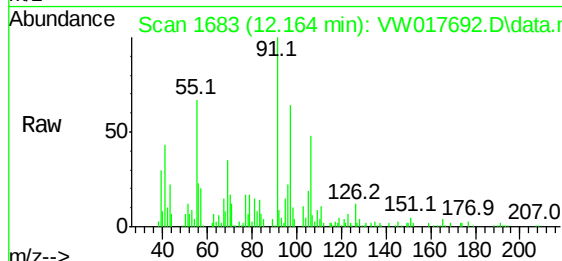
Tgt Ion:106 Resp: 8728
Ion Ratio Lower Upper
106 100
91 208.2 157.4 236.0





#6875 (-)
o-Xylene
Concen: 2.15 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. -0.006 min
Lab File: VW017692.D
Acq: 21 Dec 2020 17:42

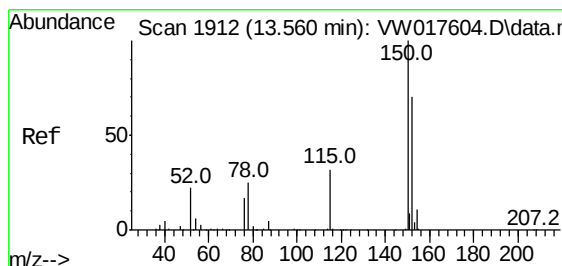
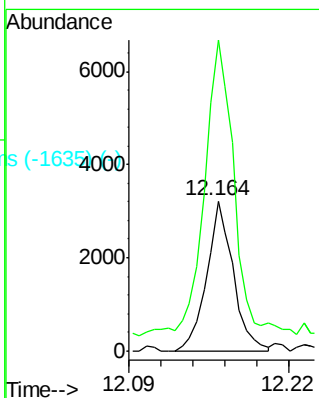
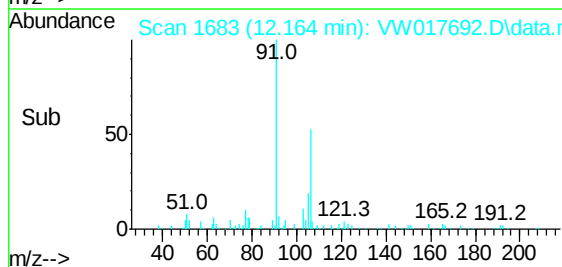
Instrument :
MSVOA_W
ClientSampleId :
CHRT-24743



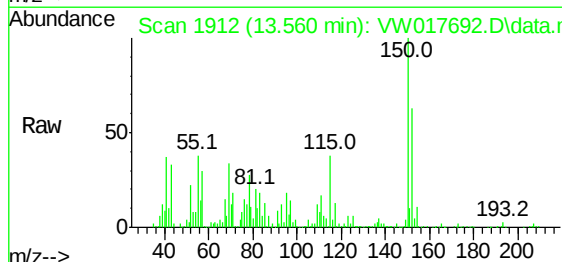
Tgt Ion:106 Resp: 5059
Ion Ratio Lower Upper
106 100
91 222.3 103.6 310.9

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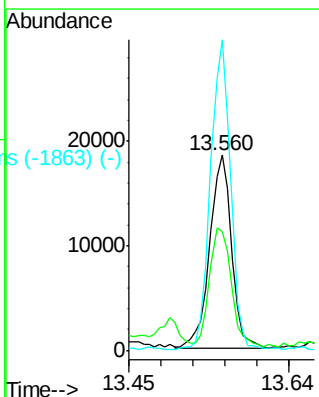
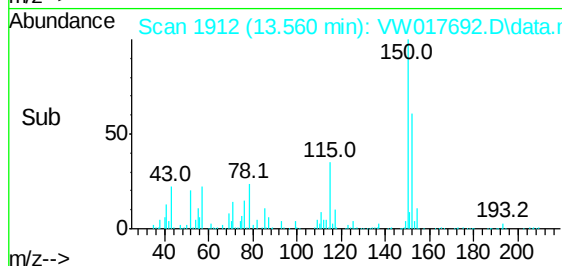
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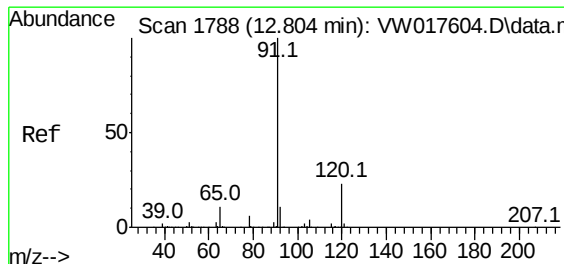


#7204 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017692.D
Acq: 21 Dec 2020 17:42



Tgt Ion:152 Resp: 31901
Ion Ratio Lower Upper
152 100
115 61.9 27.9 83.7
150 148.0 0.0 344.0





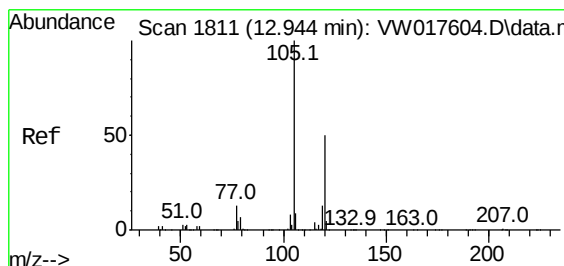
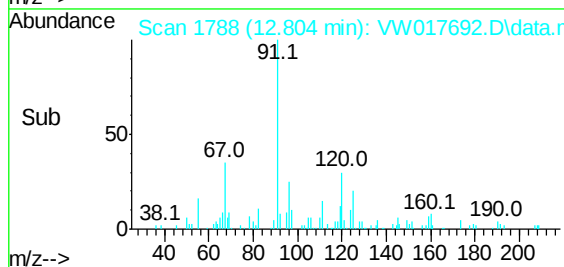
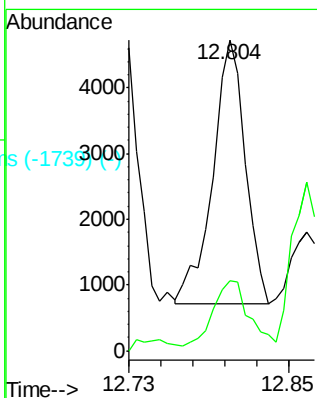
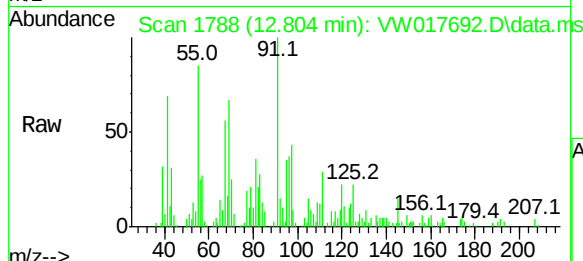
#782 (-)
n-propylbenzene
Concen: 2.35 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: Vw017692.D
Acq: 21 Dec 2020 17:42

Tgt Ion: 91 Resp: 7032
Ion Ratio Lower Upper
91 100
120 26.8 12.0 36.1

Instrument :
MSVOA_W
ClientSampleId :
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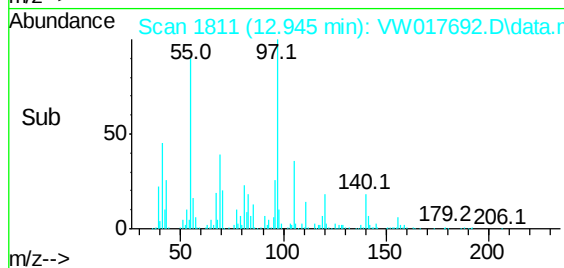
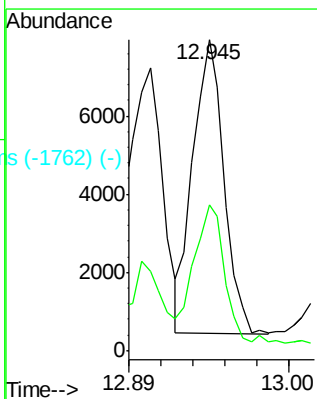
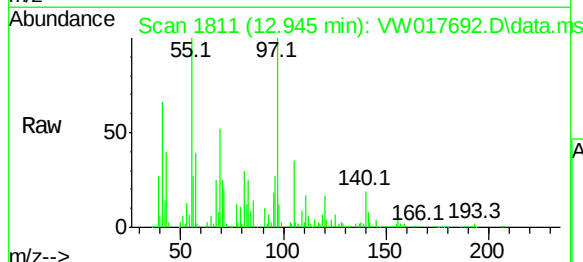
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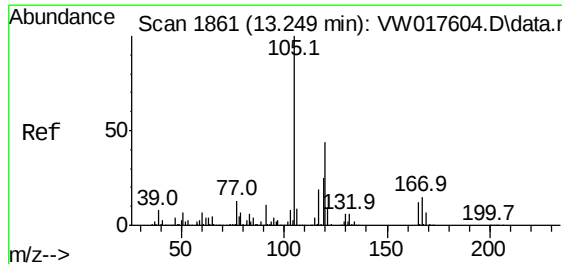
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#802 (-)
1,3,5-Trimethylbenzene
Concen: 5.45 ug/l
RT: 12.945 min Scan# 1811
Delta R.T. 0.001 min
Lab File: Vw017692.D
Acq: 21 Dec 2020 17:42

Tgt Ion: 105 Resp: 11625
Ion Ratio Lower Upper
105 100
120 45.4 24.9 74.8





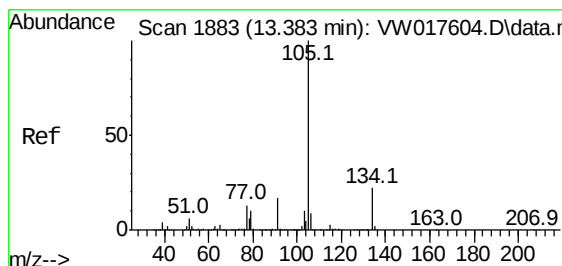
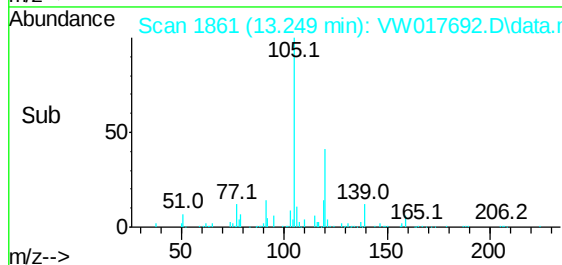
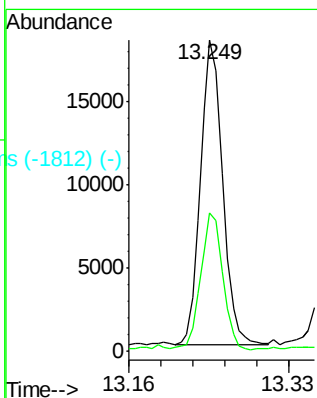
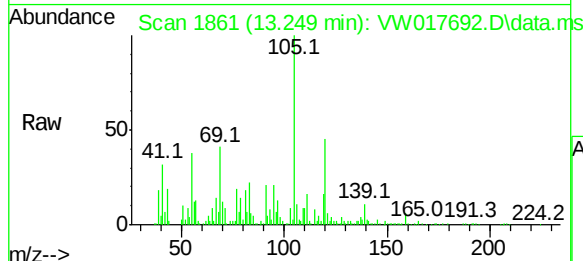
#848 (-)
1,2,4-Trimethylbenzene
Concen: 13.91 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: Vw017692.D
Acq: 21 Dec 2020 17:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	23.4	70.0

Instrument :
MSVOA_W
ClientSampleId :
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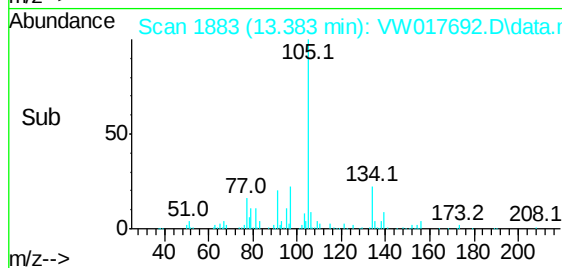
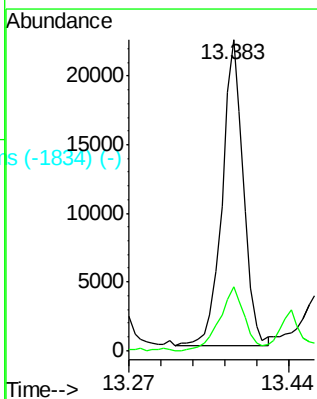
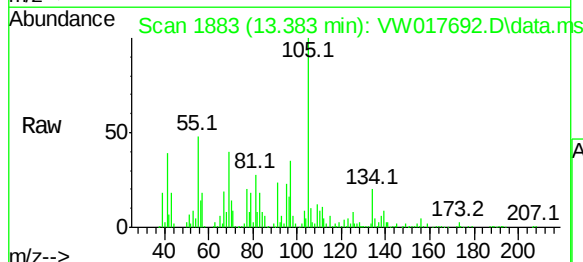
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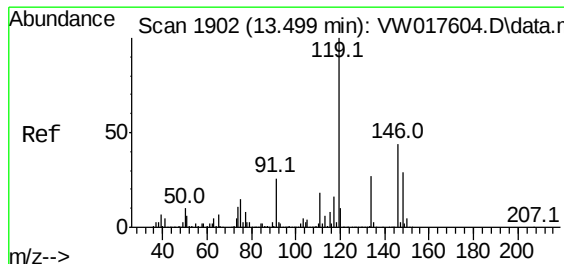
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#849 (-)
sec-Butylbenzene
Concen: 13.40 ug/l
RT: 13.383 min Scan# 1883
Delta R.T. 0.000 min
Lab File: Vw017692.D
Acq: 21 Dec 2020 17:42

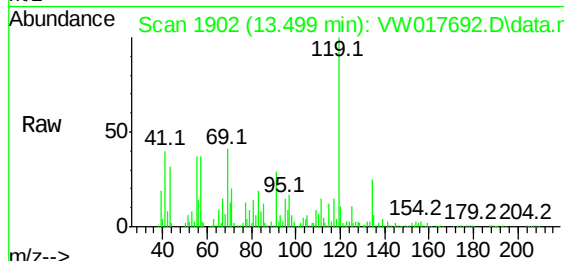
Tgt Ion	Ratio	Lower	Upper
105	100		
134	24.2	10.6	31.8





#895 (-)
p-Isopropyltoluene
Concen: 17.68 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW017692.D
Acq: 21 Dec 2020 17:42

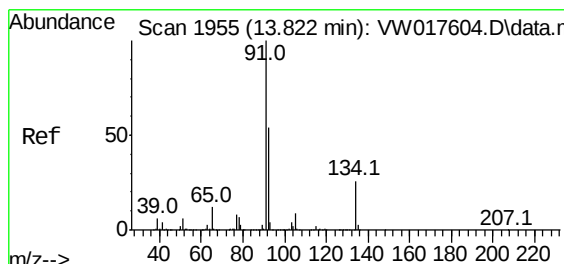
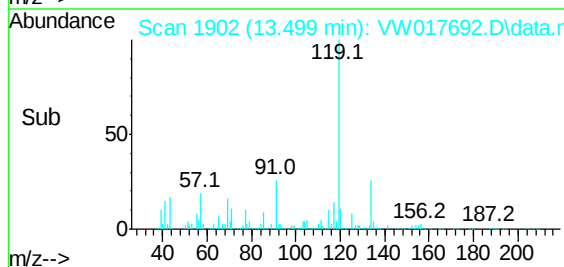
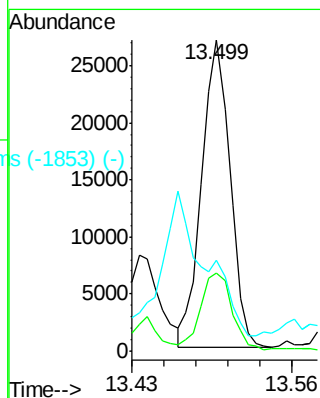
Instrument :
MSVOA_W
ClientSampleId :
CHRT-24743



Tgt Ion:	119	Resp:	40934
Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.8	41.3
91	0.0	11.3	33.9#

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#8947 (-)
n-Butylbenzene
Concen: 3.55 ug/l m
RT: 13.829 min Scan# 1956
Delta R.T. 0.007 min
Lab File: VW017692.D
Acq: 21 Dec 2020 17:42

Tgt Ion:	91	Resp:	8083
Ion	Ratio	Lower	Upper
91	100		
92	78.1	26.6	79.7
134	0.0	14.3	42.9#

