

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082120\
 Data File : VW016282.D
 Acq On : 21 Aug 2020 00:45
 Operator : SY/VA
 Sample : L3712-14RE
 Misc : 6.84G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CHRT-26982RE

Quant Time: Aug 21 04:23:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 08:01:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	182324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	357480	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	257687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	63801	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	108558	61.06	ug/l	0.00
Spiked Amount			Recovery	=	122.12%	
35) Dibromofluoromethane	7.88	113	112219	50.88	ug/l	0.00
Spiked Amount			Recovery	=	101.76%	
50) Toluene-d8	10.32	98	385520	45.15	ug/l	0.00
Spiked Amount			Recovery	=	90.30%	
62) 4-Bromofluorobenzene	12.62	95	98557	32.29	ug/l	0.00
Spiked Amount			Recovery	=	64.58%	

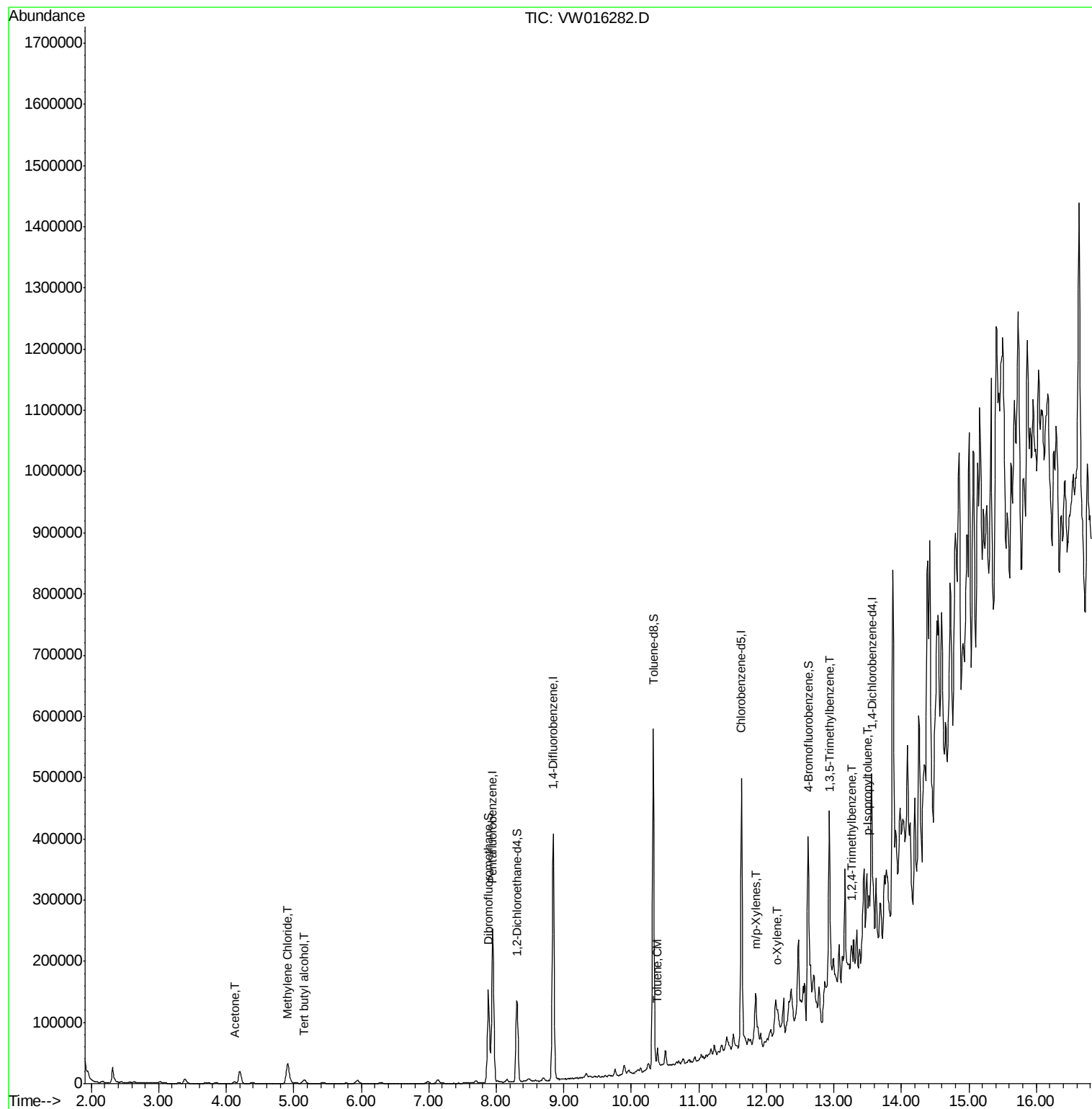
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.15	59	12018	127.002	ug/l #	81
16) Acetone	4.12	43	5960	17.498	ug/l	100
20) Methylene Chloride	4.92	84	27927	9.163	ug/l	93
52) Toluene	10.39	92	11900	1.876	ug/l	99
68) m/p-Xylenes	11.83	106	13815	3.786	ug/l	99
69) o-Xylene	12.16	106	6028	1.854	ug/l	85
80) 1,3,5-Trimethylbenzene	12.94	105	11246	2.695	ug/l	93
84) 1,2,4-Trimethylbenzene	13.26	105	21299	5.157	ug/l	97
86) p-Isopropyltoluene	13.50	119	27462	6.108	ug/l	96

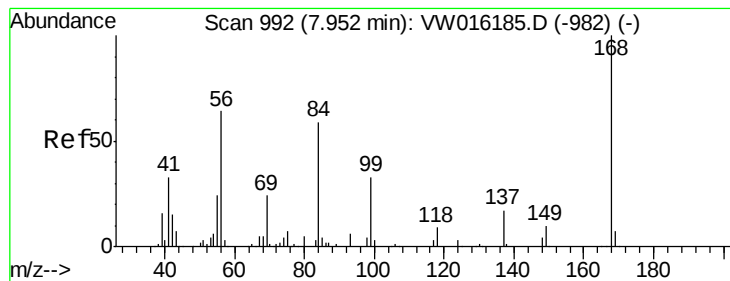
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 17 08:01:41 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW016282.D

Acq: 21 Aug 2020 00:45

Instrument :

MSVOA_W

ClientSampleId :

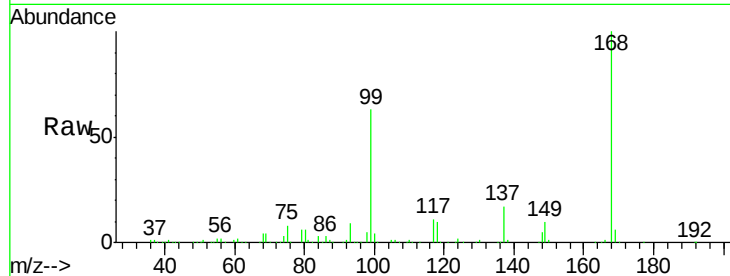
CHRT-26982RE

Tot Ion:168 Resp: 182324

Ion Ratio Lower Upper

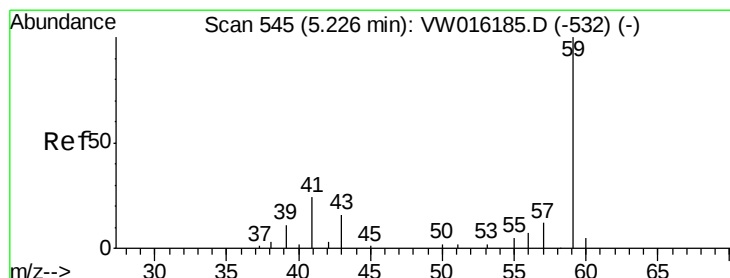
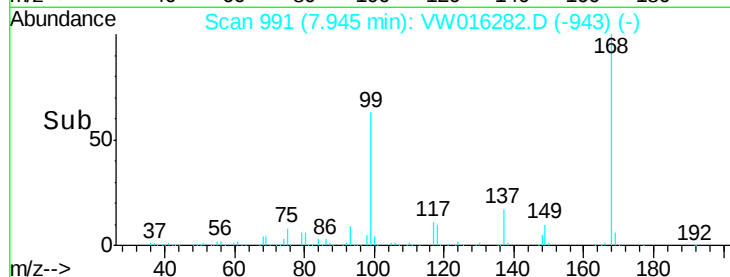
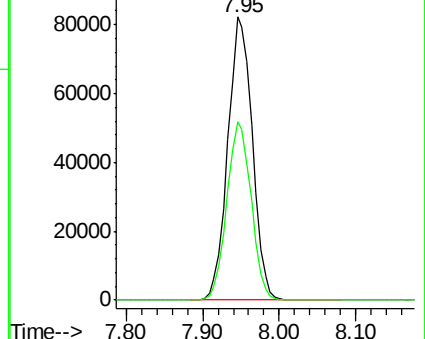
168 100

99 63.2 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 127.002 ug/l

RT: 5.15 min Scan# 533

Delta R.T. -0.07 min

Lab File: VW016282.D

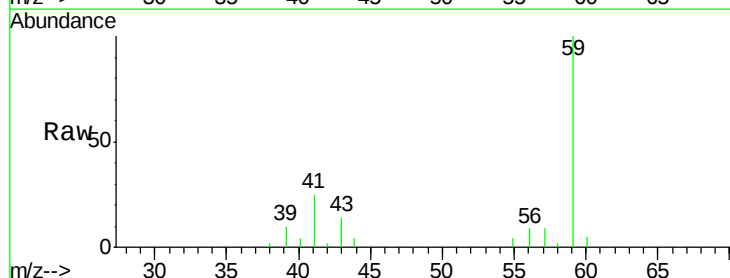
Acq: 21 Aug 2020 00:45

Tgt Ion: 59 Resp: 12018

Ion Ratio Lower Upper

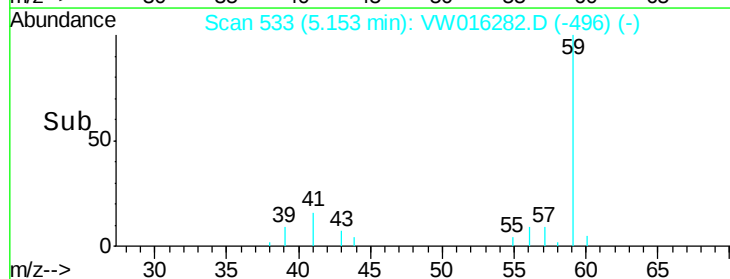
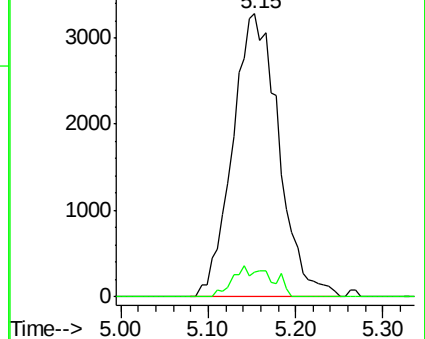
59 100

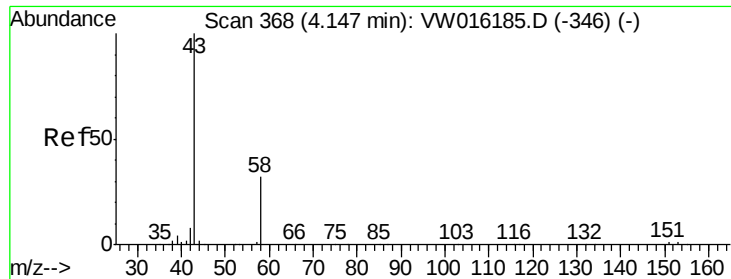
57 4.2 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

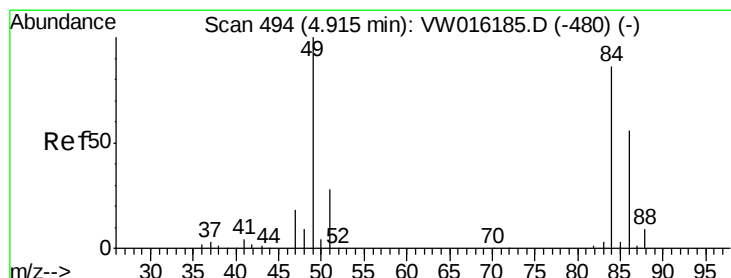
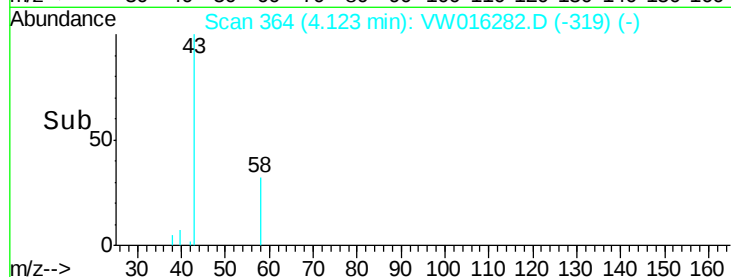
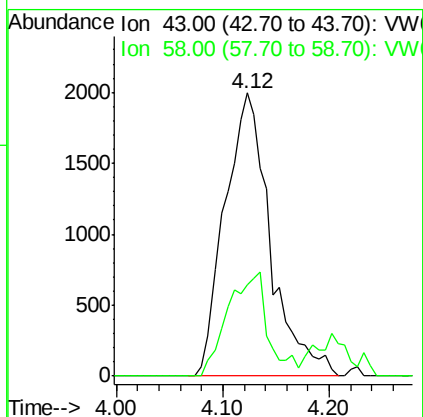
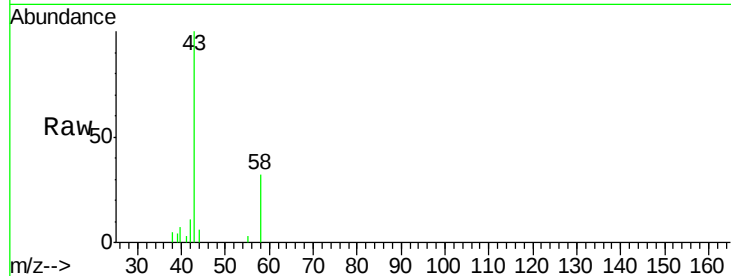




#16
Acetone
Concen: 17.498 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.02 min
Lab File: VW016282.D
Acq: 21 Aug 2020 00:45

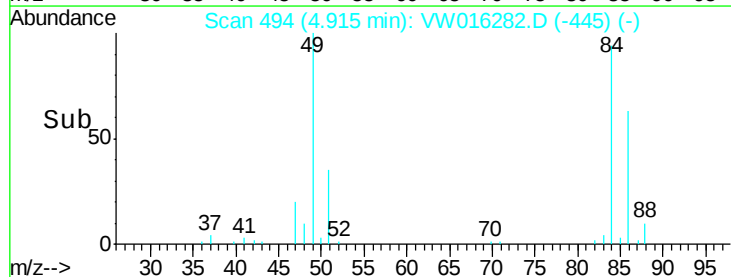
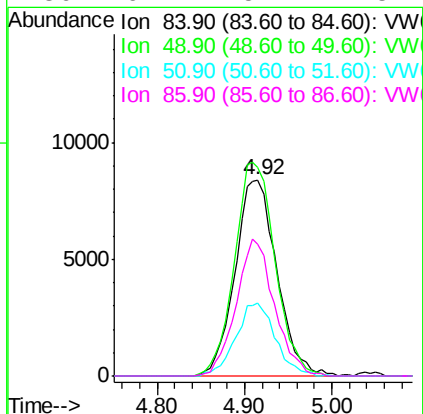
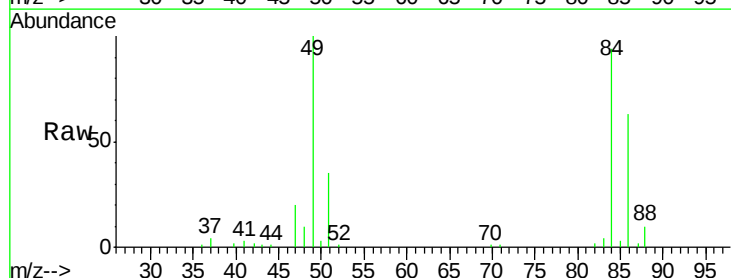
Instrument :
MSVOA_W
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CHRT-26982RE

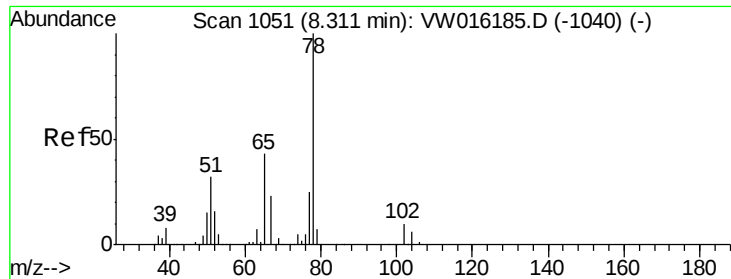
Tot Ion: 43 Resp: 5960
Ion Ratio Lower Upper
43 100
58 32.2 25.8 38.6



#20
Methylene Chloride
Concen: 9.163 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW016282.D
Acq: 21 Aug 2020 00:45

Tgt Ion: 84 Resp: 27927
Ion Ratio Lower Upper
84 100
49 106.4 93.4 140.2
51 37.2 26.6 40.0
86 67.1 52.2 78.2





#33

1,2-Dichloroethane-d4

Concen: 61.056 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW016282.D

Acq: 21 Aug 2020 00:45

Instrument :

MSVOA_W

ClientSampleId :

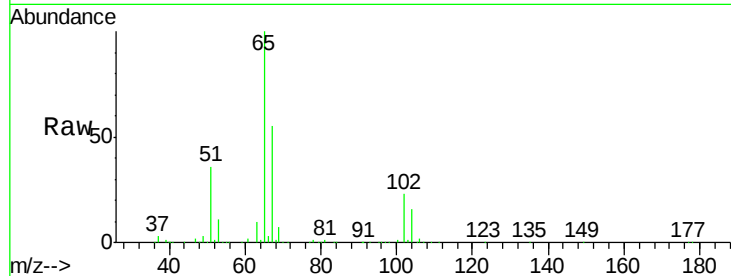
CHRT-26982RE

Tot Ion: 65 Resp: 108558

Ion Ratio Lower Upper

65 100

67 51.2 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

50000

40000

30000

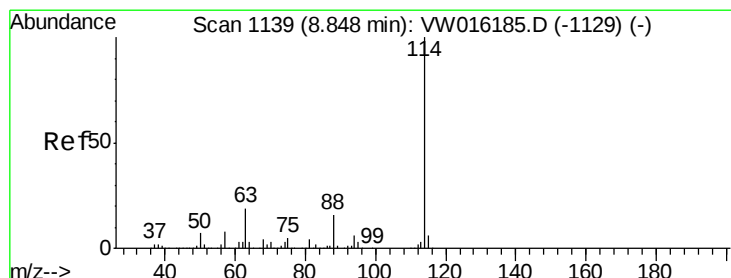
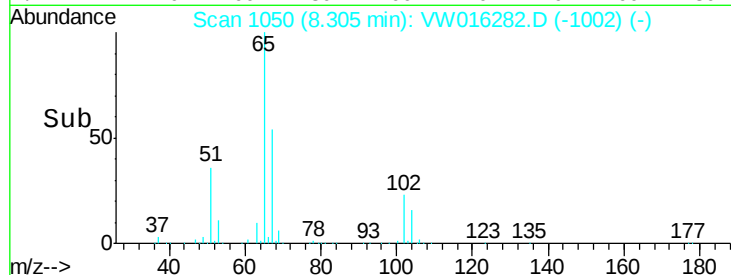
20000

10000

0

8.20 8.30 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW016282.D

Acq: 21 Aug 2020 00:45

Tgt Ion: 114 Resp: 357480

Ion Ratio Lower Upper

114 100

63 19.6

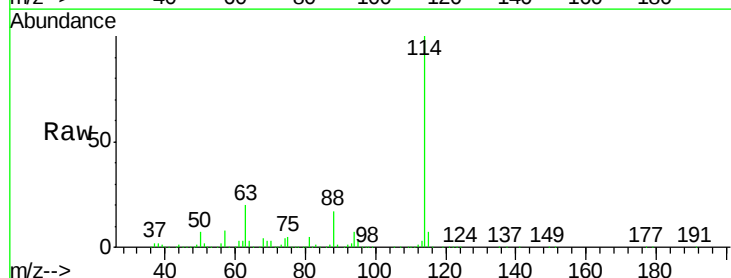
0.0

38.4

88 16.6

0.0

32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

8.84

200000

150000

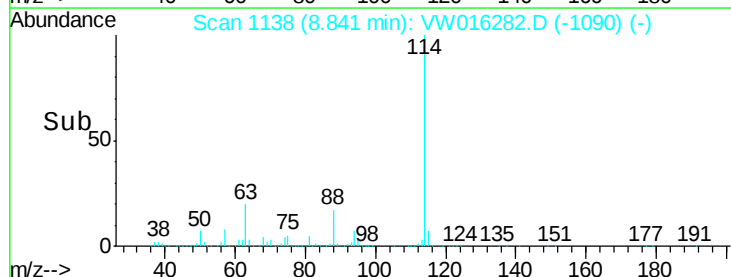
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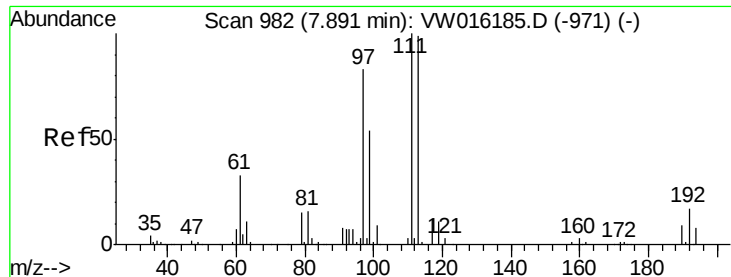
50000

0

8.80 8.90

Time-->

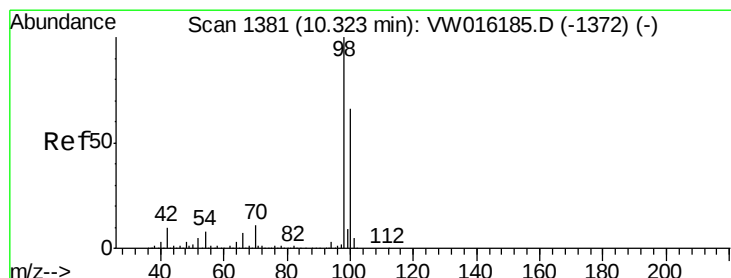
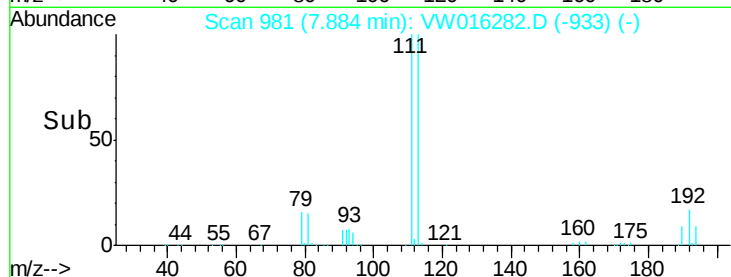
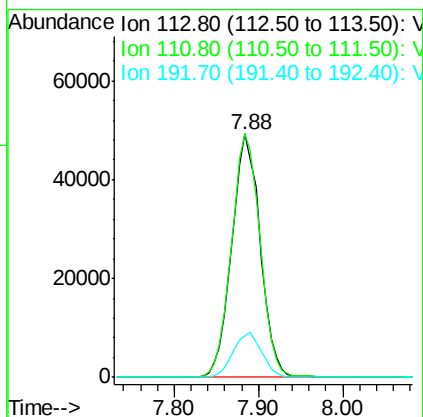
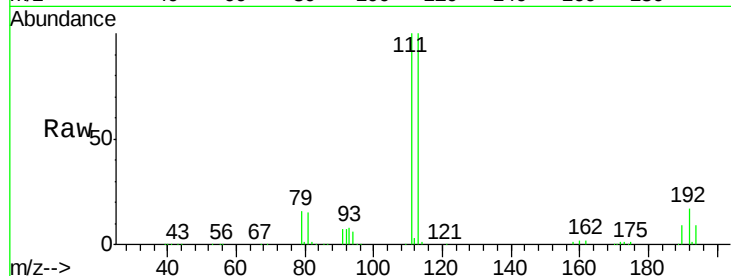




#35
Dibromofluoromethane
Concen: 50.877 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW016282.D
Acq: 21 Aug 2020 00:45

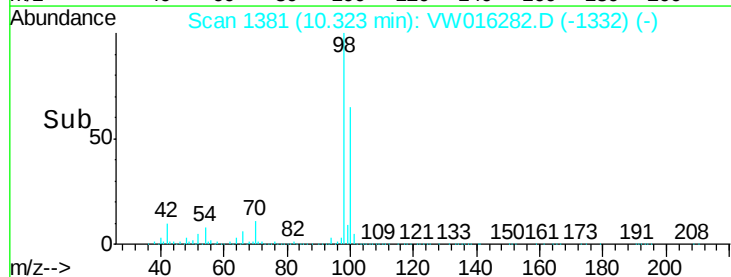
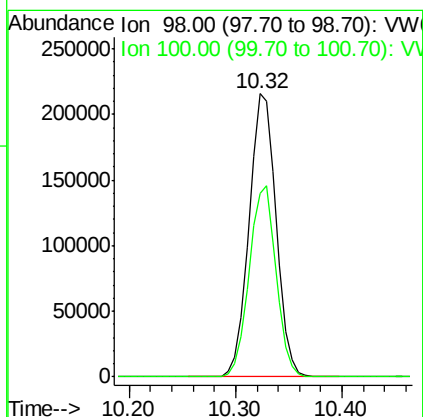
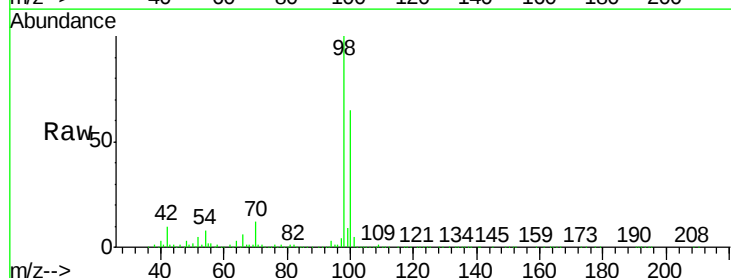
Instrument :
MSVOA_W
ClientSampleId :
CHRT-26982RE

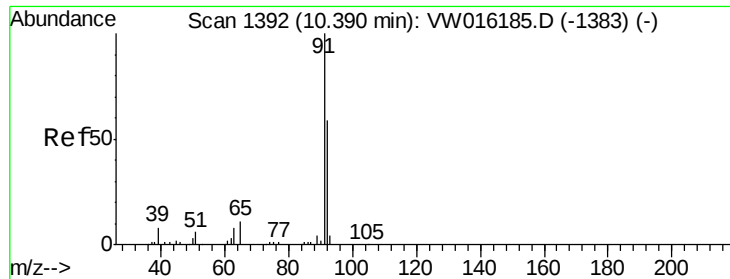
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.1	83.5	125.3
192	18.6	14.3	21.5



#50
Toluene-d8
Concen: 45.154 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW016282.D
Acq: 21 Aug 2020 00:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.5	80.3





#52

Toluene

Concen: 1.876 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW016282.D

Acq: 21 Aug 2020 00:45

Instrument :

MSVOA_W

ClientSampleId :

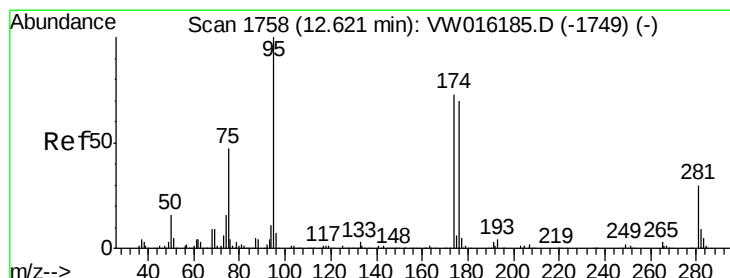
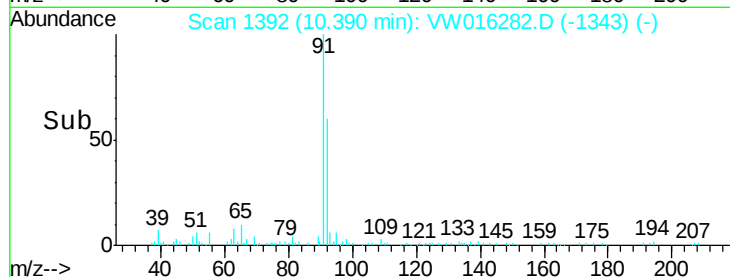
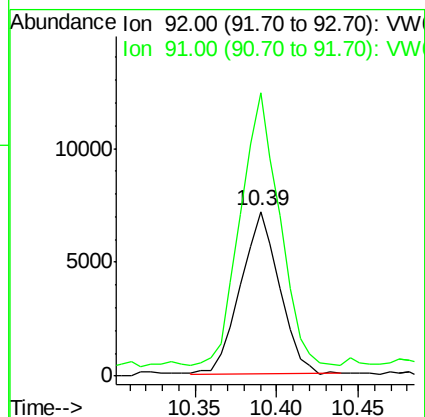
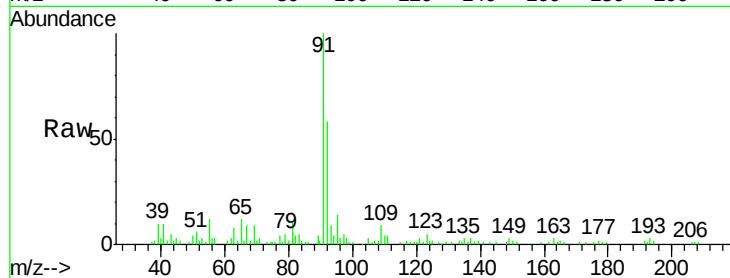
CHRT-26982RE

Tot Ion: 92 Resp: 11900

Ion Ratio Lower Upper

92 100

91 167.6 133.3 199.9



#62

4-Bromofluorobenzene

Concen: 32.294 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW016282.D

Acq: 21 Aug 2020 00:45

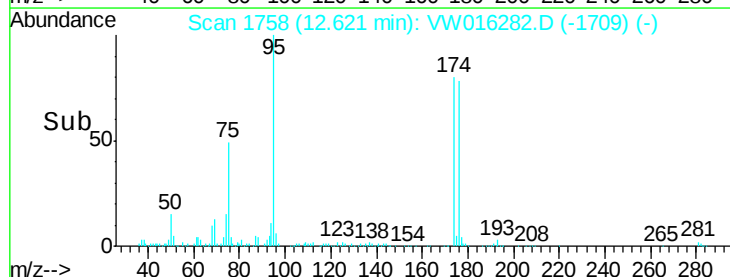
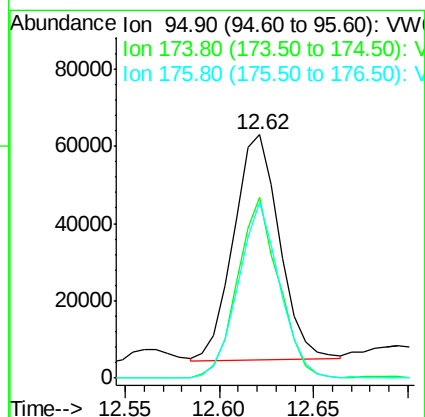
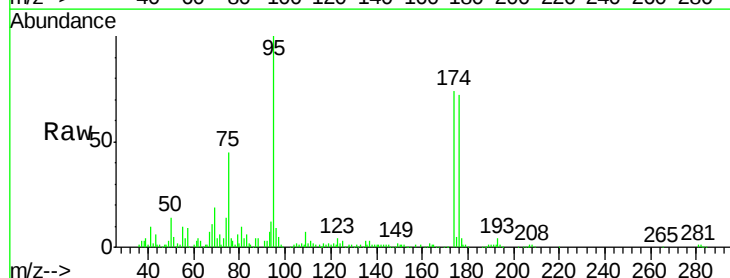
Tgt Ion: 95 Resp: 98557

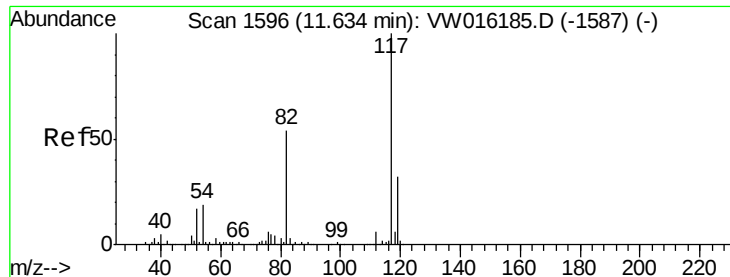
Ion Ratio Lower Upper

95 100

174 71.4 0.0 145.6

176 70.4 0.0 137.8

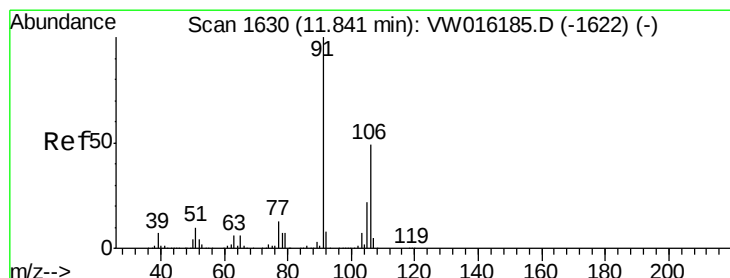
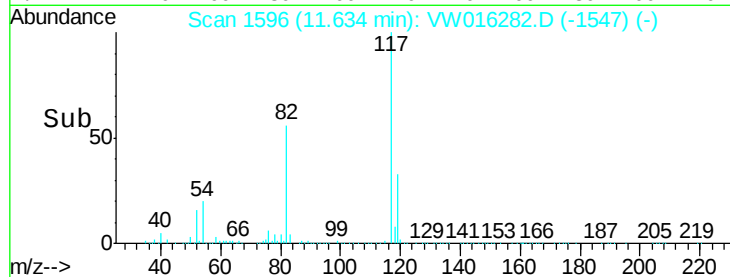
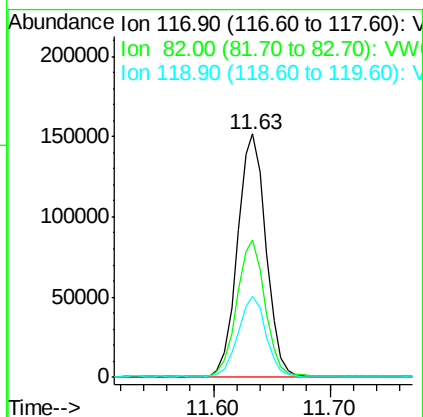
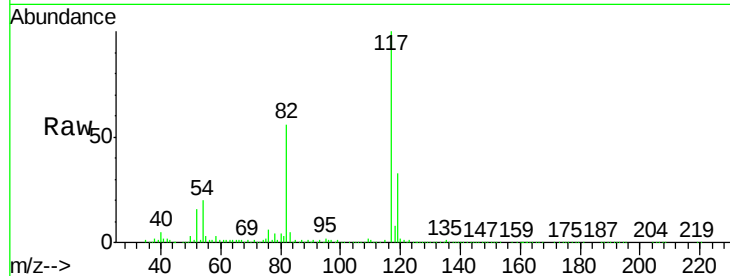




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW016282.D
Acq: 21 Aug 2020 00:45

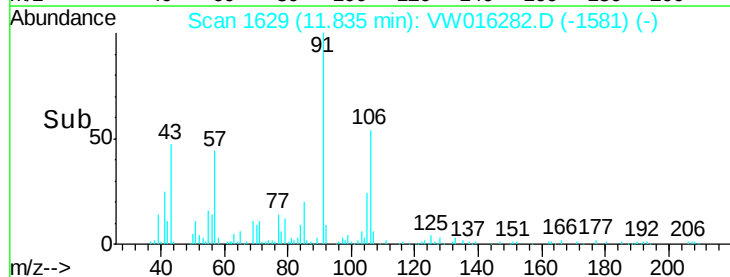
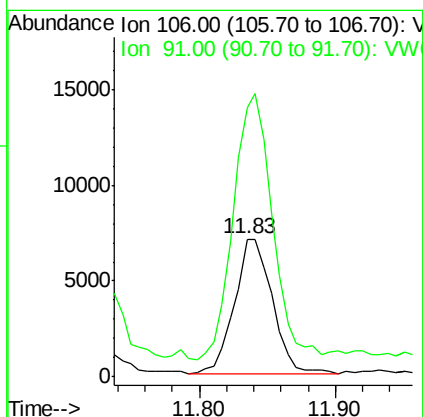
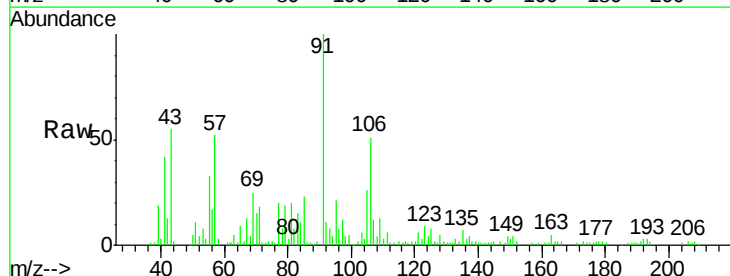
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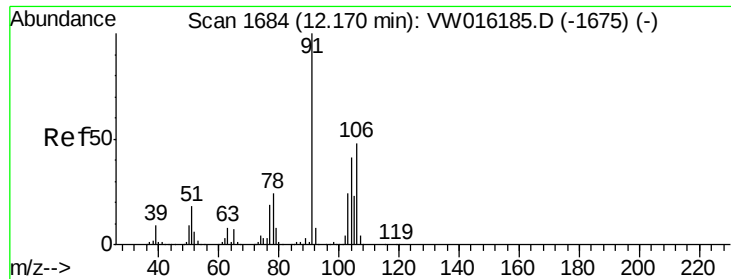
Tot Ion:117 Resp: 257687
Ion Ratio Lower Upper
117 100
82 55.7 43.6 65.4
119 33.1 25.4 38.0



#68
m/p-Xylenes
Concen: 3.786 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW016282.D
Acq: 21 Aug 2020 00:45

Tgt Ion:106 Resp: 13815
Ion Ratio Lower Upper
106 100
91 200.2 161.4 242.2

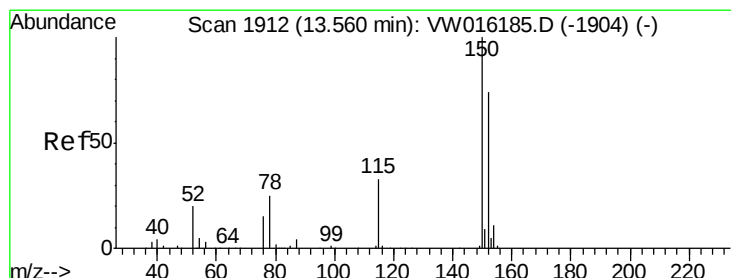
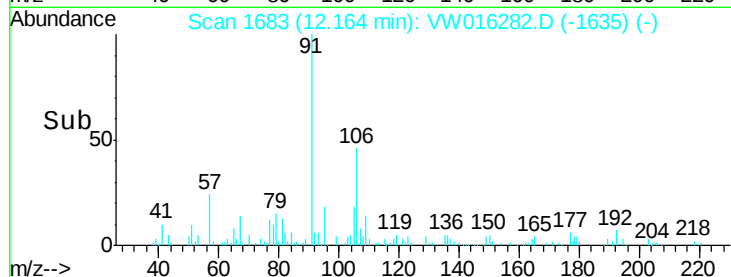
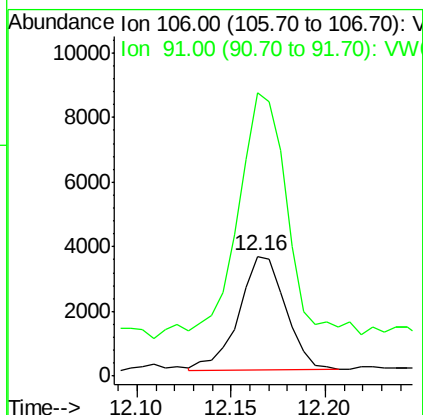
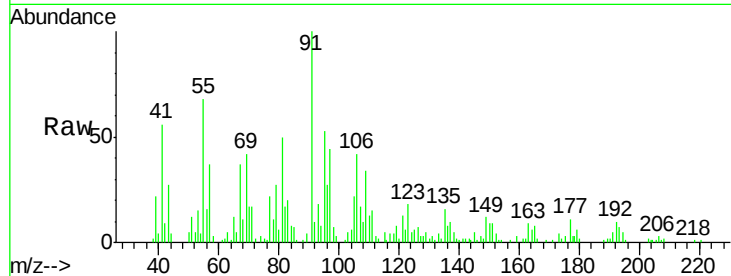




#69
o-Xylene
Concen: 1.854 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW016282.D
Acq: 21 Aug 2020 00:45

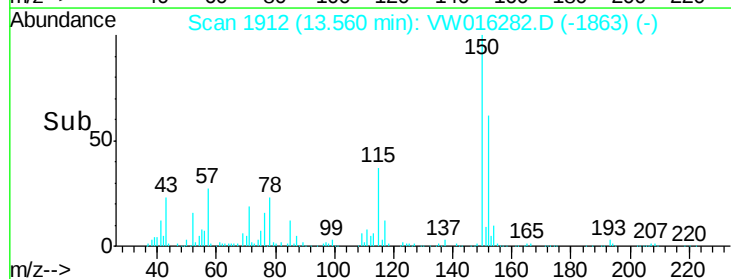
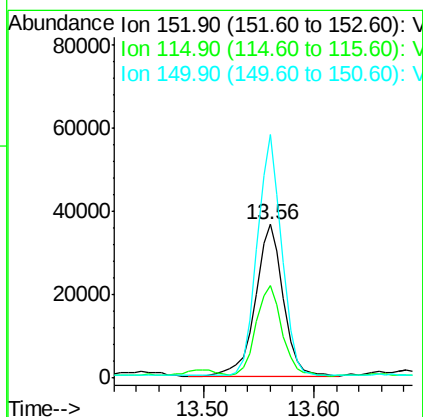
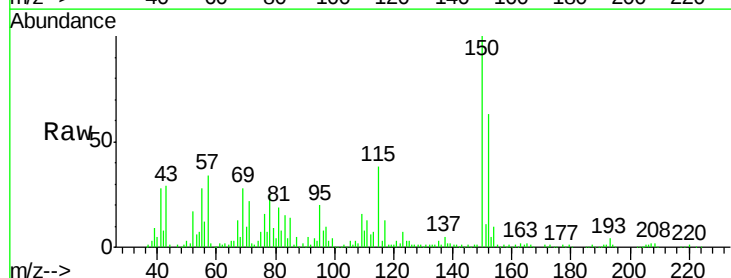
Instrument :
MSVOA_W
ClientSampleId :
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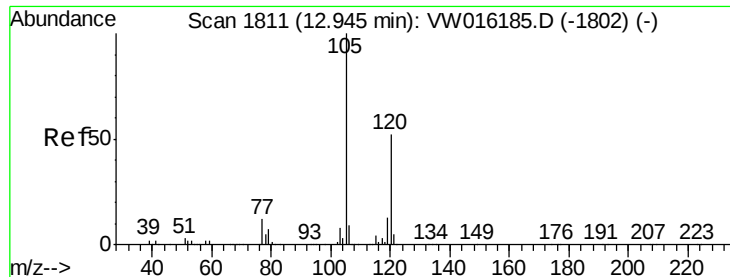
Tot Ion:106 Resp: 6028
Ion Ratio Lower Upper
106 100
91 235.0 106.0 317.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW016282.D
Acq: 21 Aug 2020 00:45

Tgt Ion:152 Resp: 63801
Ion Ratio Lower Upper
152 100
115 54.7 30.9 92.5
150 137.8 0.0 337.8

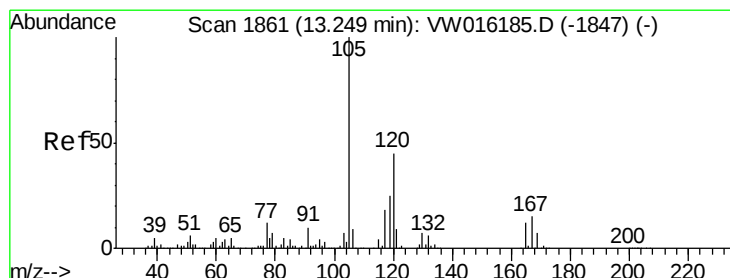
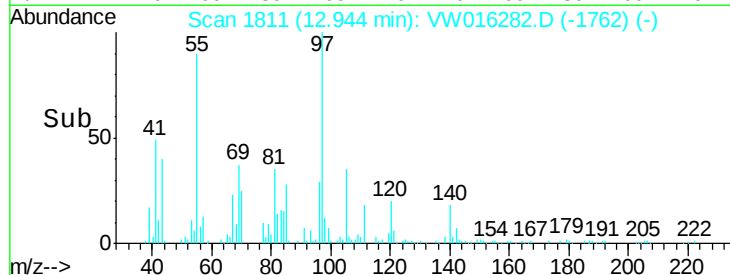
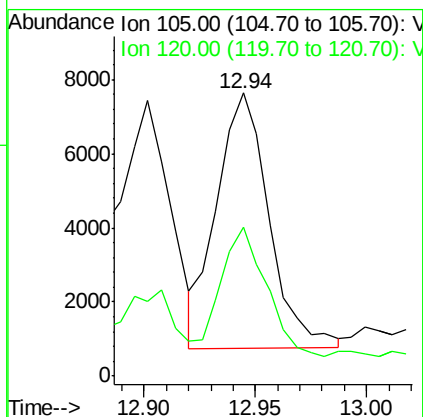
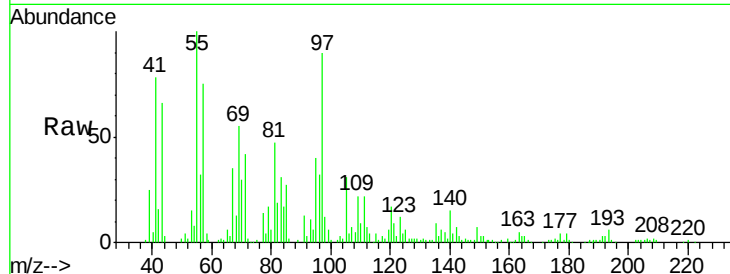




#80
 1,3,5-Trimethylbenzene
 Concen: 2.695 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW016282.D
 Acq: 21 Aug 2020 00:45

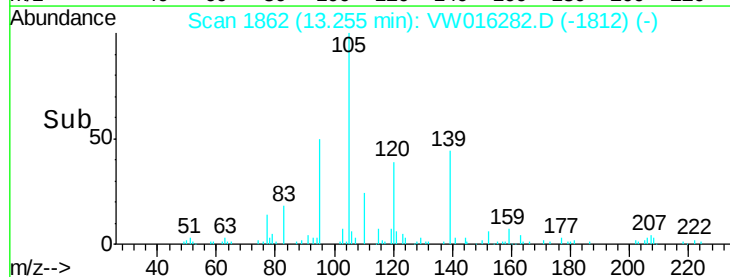
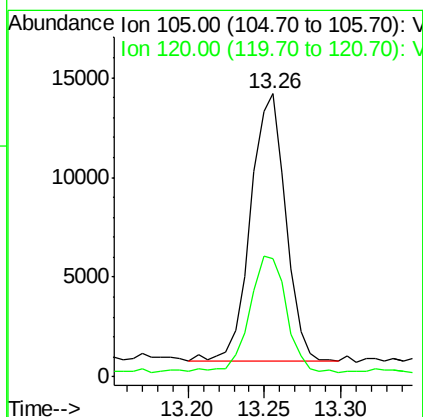
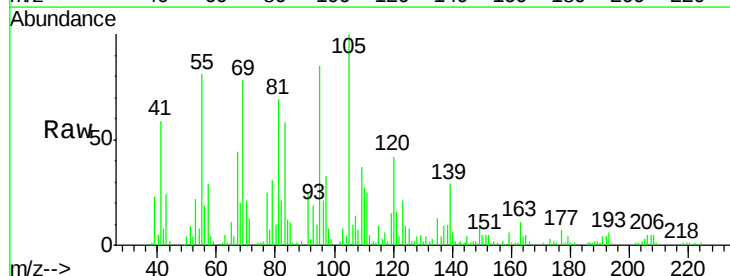
Instrument :
 MSVOA_W
 ClientSampleId :
 CHRT-26982RE

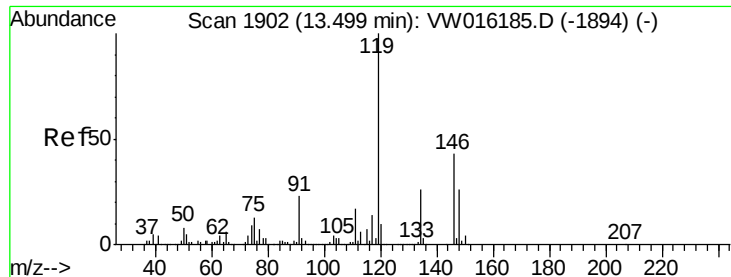
Tot Ion:105 Resp: 11246
 Ion Ratio Lower Upper
 105 100
 120 45.6 25.1 75.2



#84
 1,2,4-Trimethylbenzene
 Concen: 5.157 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.01 min
 Lab File: VW016282.D
 Acq: 21 Aug 2020 00:45

Tgt Ion:105 Resp: 21299
 Ion Ratio Lower Upper
 105 100
 120 46.6 22.2 66.6

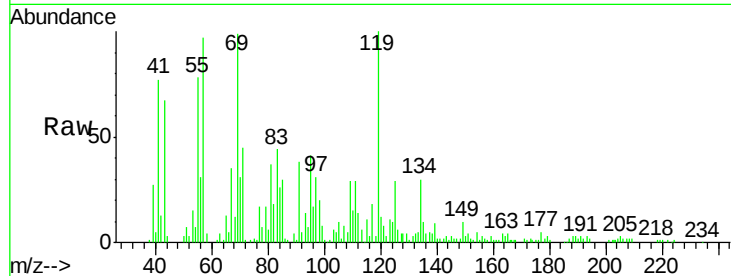




#86
 p-Isopropyltoluene
 Concen: 6.108 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW016282.D
 Acq: 21 Aug 2020 00:45

Instrument :
 MSVOA_W
 ClientSampleId :
 CHRT-26982RE

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.3	12.8	38.4
91	25.3	11.8	35.3



Abundance

Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

