

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082120\
 Data File : VW016281.D
 Acq On : 21 Aug 2020 00:19
 Operator : SY/VA
 Sample : L3712-12RE
 Misc : 7.48G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CHRT-25433RE

Quant Time: Aug 21 03:51:16 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	200791	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	356428	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	300415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	93270	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	98846	50.48	ug/l	0.00
Spiked Amount			Recovery	=	100.96%	
35) Dibromofluoromethane	7.88	113	109077	49.60	ug/l	0.00
Spiked Amount			Recovery	=	99.20%	
50) Toluene-d8	10.32	98	421580	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	
62) 4-Bromofluorobenzene	12.62	95	124484	40.91	ug/l	0.00
Spiked Amount			Recovery	=	81.82%	

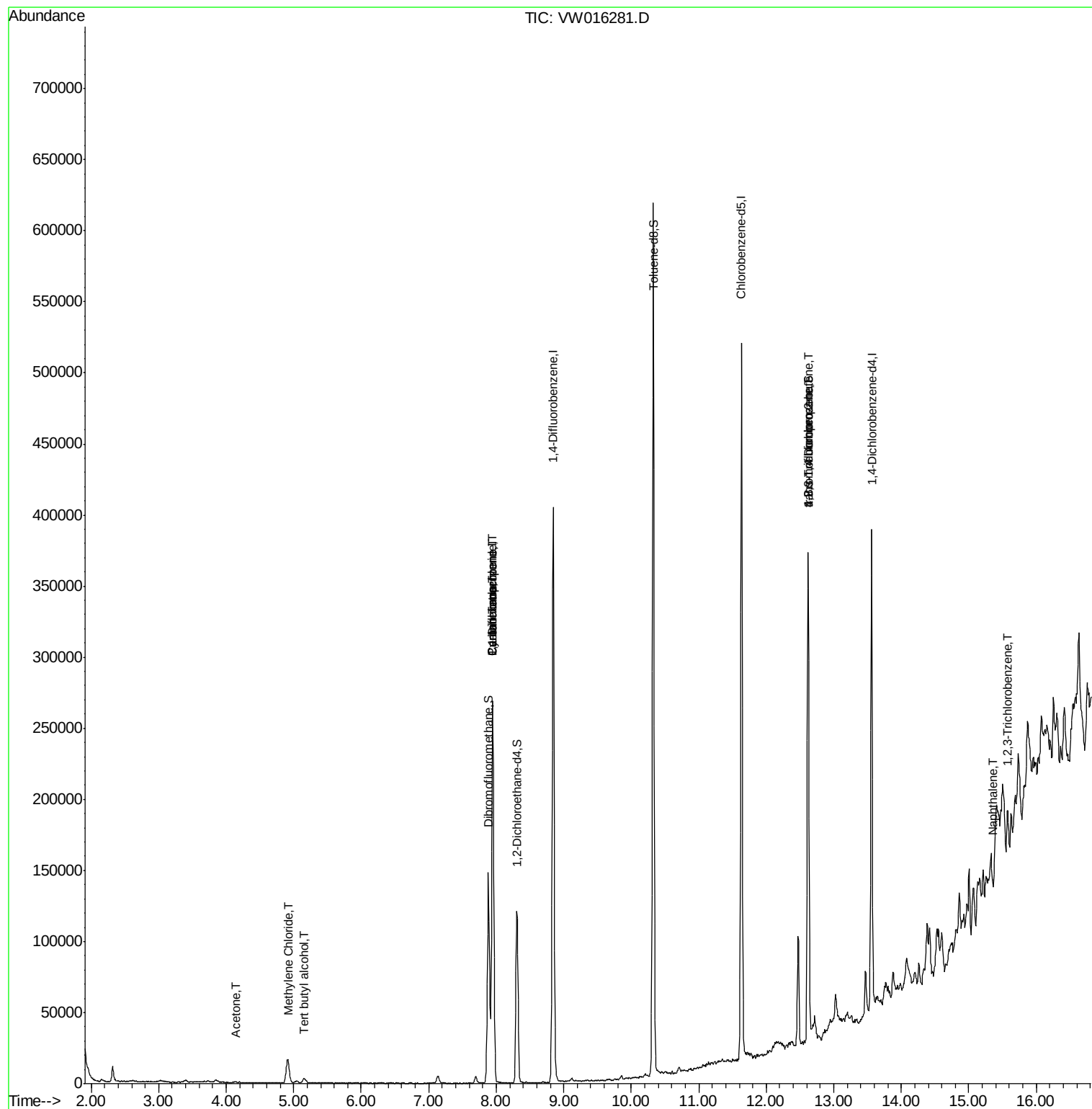
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.16	59	6185	59.350	ug/l #	70
16) Acetone	4.14	43	969	2.583	ug/l	93
20) Methylene Chloride	4.92	84	14501	1.422	ug/l	93
31) Cyclohexane	7.95	56	4208	1.178	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	15350	4.372	ug/l #	49
38) Carbon Tetrachloride	7.95	117	20701	5.908	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	57340	66.847	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	57340	160.342	ug/l #	12
95) Naphthalene	15.36	128	1520	3.989	ug/l #	81
96) 1,2,3-Trichlorobenzene	15.58	180	2327	1.655	ug/l #	26

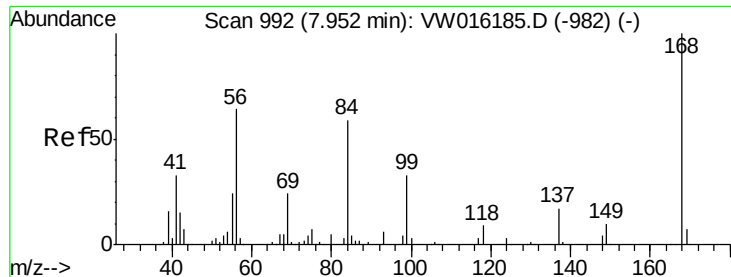
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082120\
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Operator : SY/VA
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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: VW016281.D

Acq: 21 Aug 2020 00:19

Instrument :

MSVOA_W

ClientSampleId :

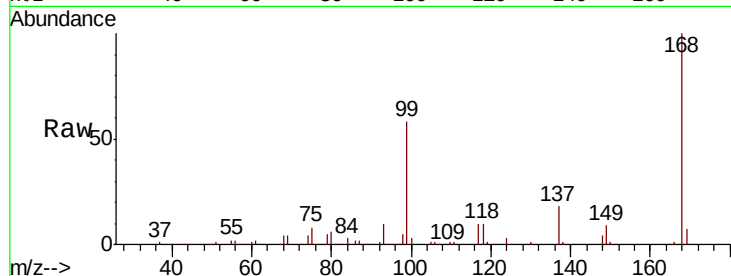
CHRT-25433RE

Tot Ion:168 Resp: 200791

Ion Ratio Lower Upper

168 100

99 58.2 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

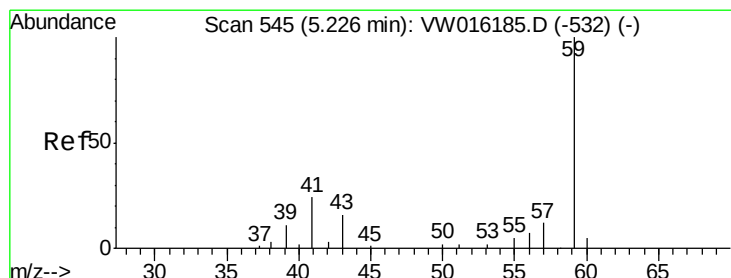
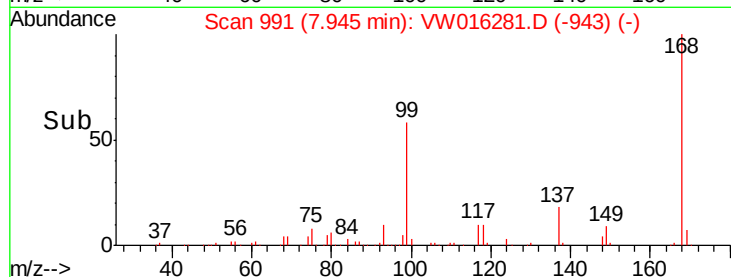
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 59.350 ug/l

RT: 5.16 min Scan# 534

Delta R.T. -0.07 min

Lab File: VW016281.D

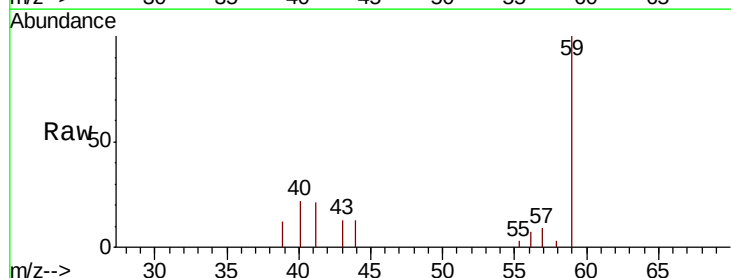
Acq: 21 Aug 2020 00:19

Tgt Ion: 59 Resp: 6185

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

2000

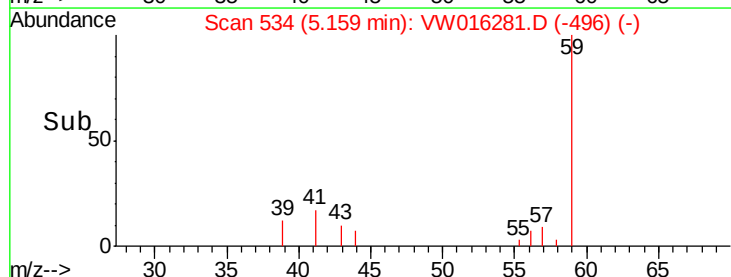
1500

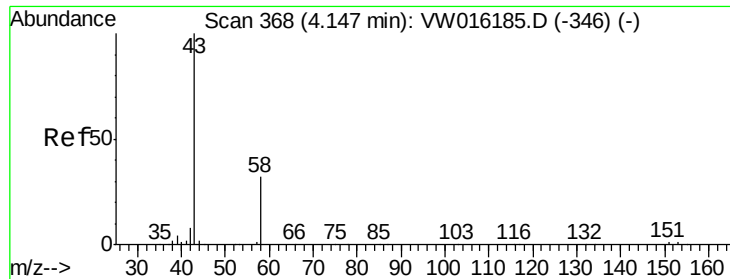
1000

500

0

Time--> 5.10 5.20





#16

Acetone

Concen: 2.583 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW016281.D

Acq: 21 Aug 2020 00:19

Instrument :

MSVOA_W

ClientSampleId :

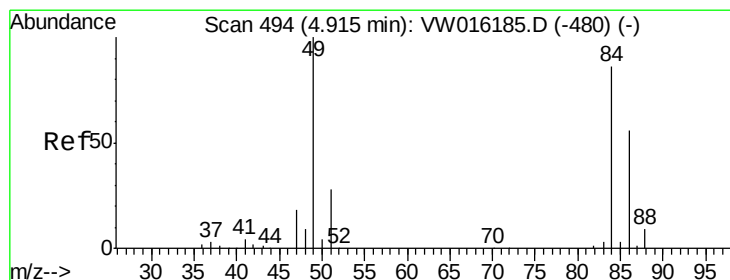
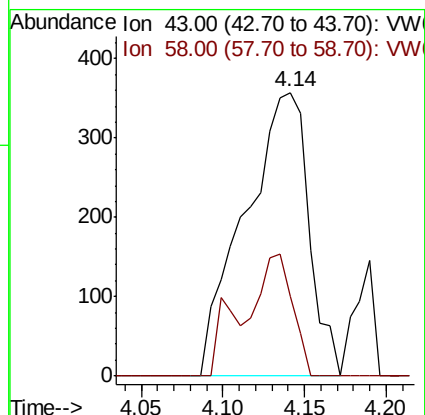
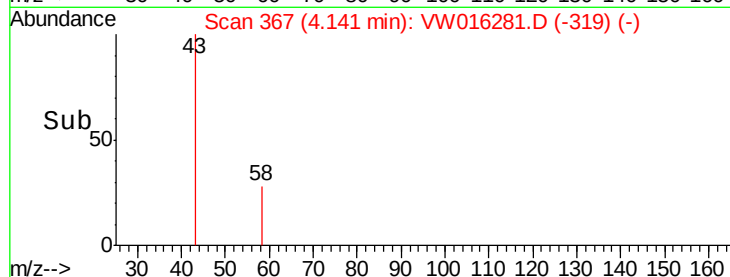
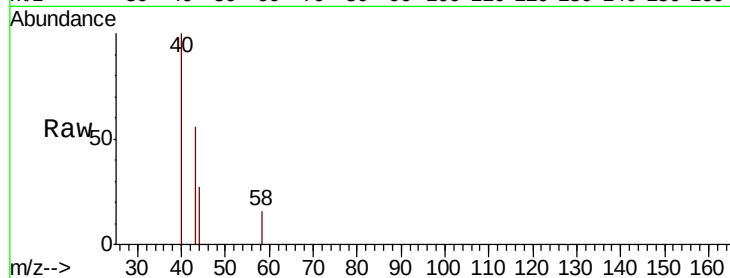
CHRT-25433RE

Tot Ion: 43 Resp: 969

Ion Ratio Lower Upper

43 100

58 28.3 25.8 38.6



#20

Methylene Chloride

Concen: 1.422 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW016281.D

Acq: 21 Aug 2020 00:19

Tgt Ion: 84 Resp: 14501

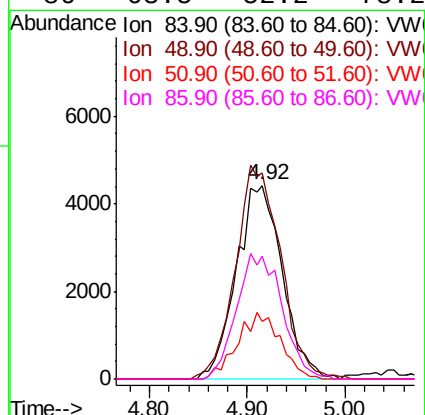
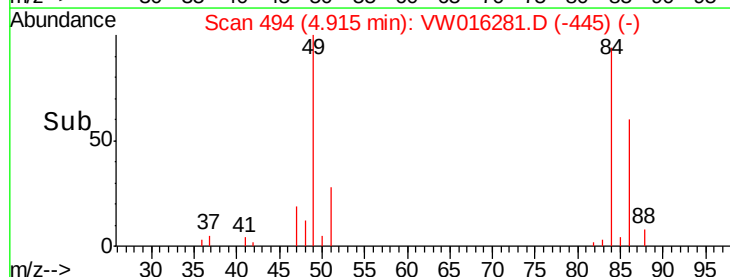
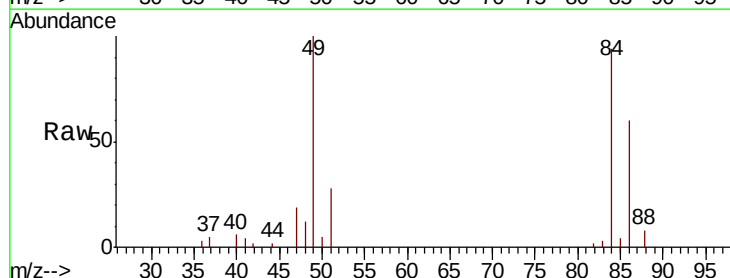
Ion Ratio Lower Upper

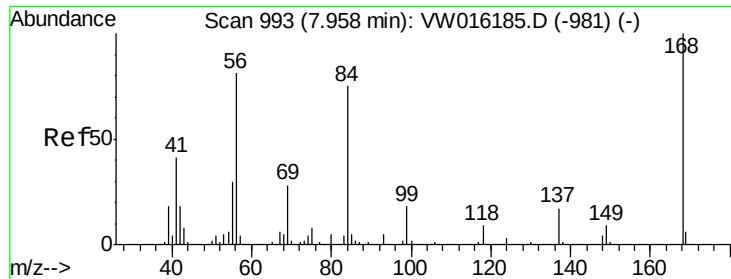
84 100

49 106.5 93.4 140.2

51 29.9 26.6 40.0

86 63.5 52.2 78.2

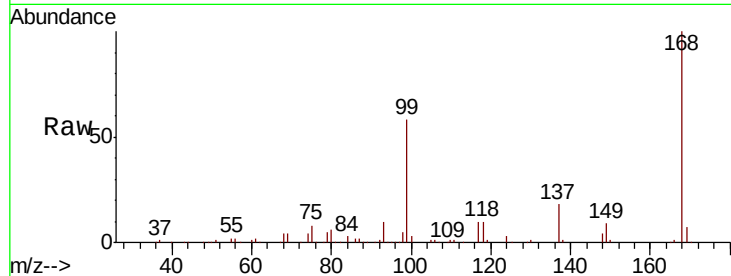




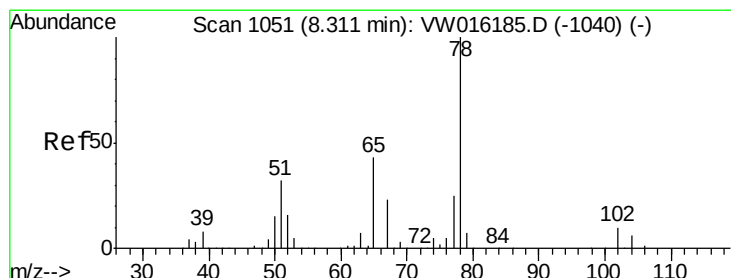
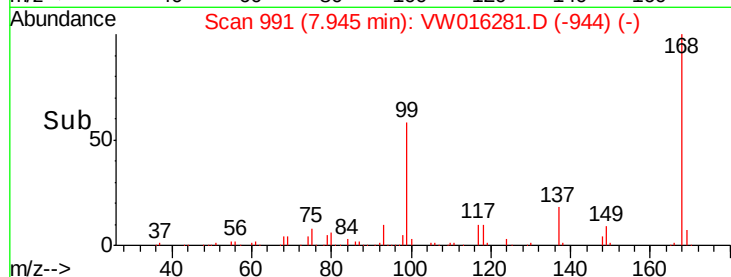
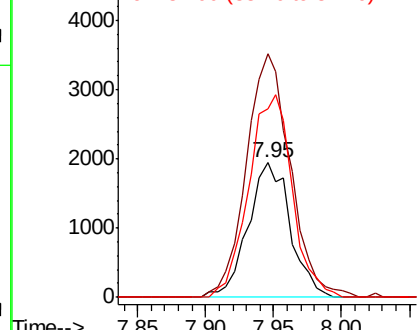
#31
Cyclohexane
Concen: 1.178 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW016281.D
Acq: 21 Aug 2020 00:19

Instrument :
MSVOA_W
ClientSampleId :
CHRT-25433RE

Tot Ion: 56 Resp: 4208
Ion Ratio Lower Upper
56 100
69 181.0 27.3 40.9#
84 140.0 73.5 110.3#

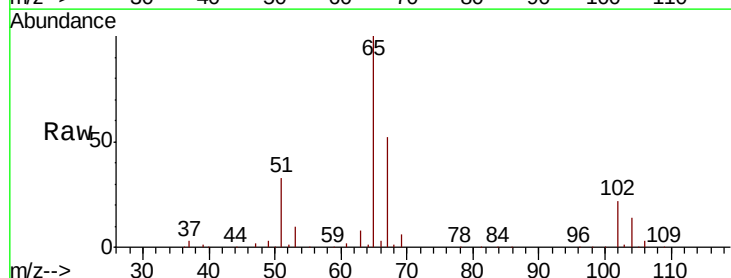


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

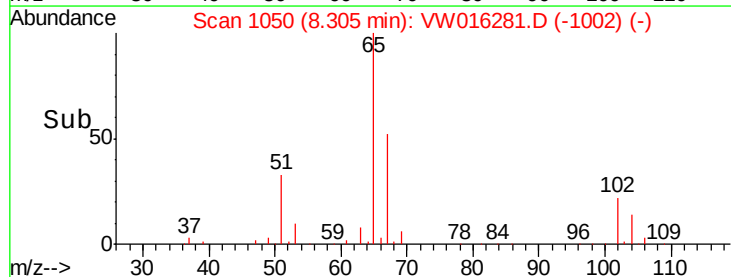
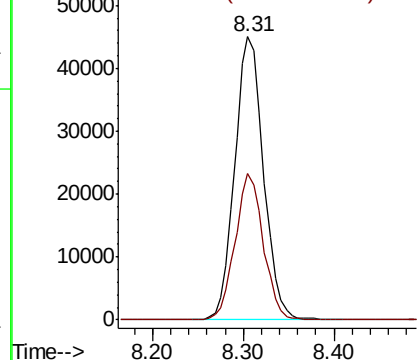


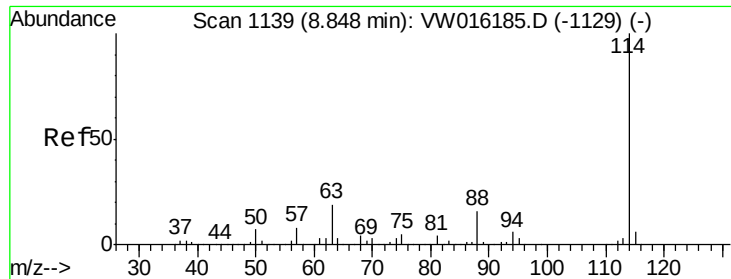
#33
1,2-Dichloroethane-d4
Concen: 50.480 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW016281.D
Acq: 21 Aug 2020 00:19

Tgt Ion: 65 Resp: 98846
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

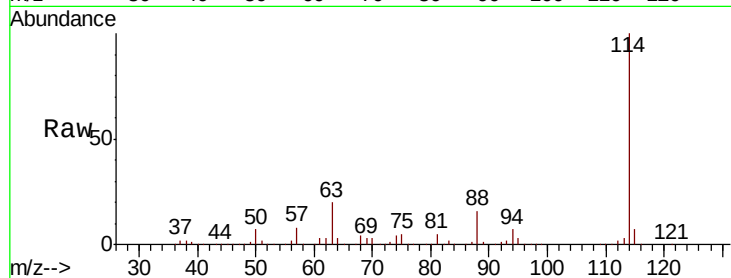




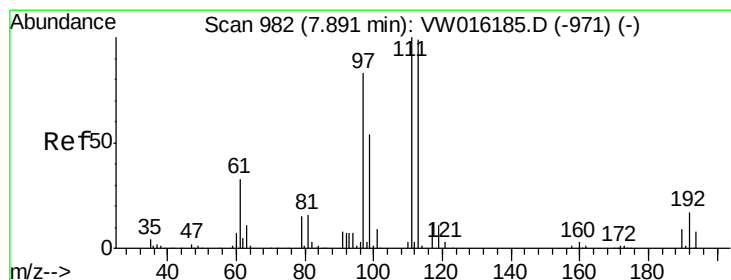
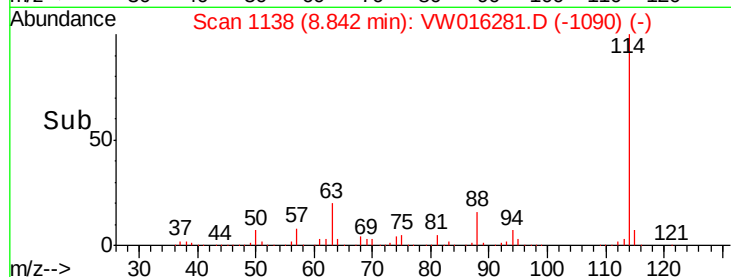
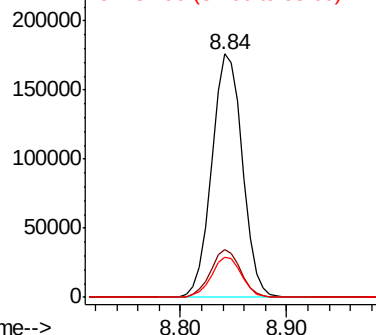
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW016281.D
 Acq: 21 Aug 2020 00:19

Instrument :
 MSVOA_W
 ClientSampleId :
 CHRT-25433RE

Tot Ion:114 Resp: 356428
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.4
 88 16.3 0.0 32.8

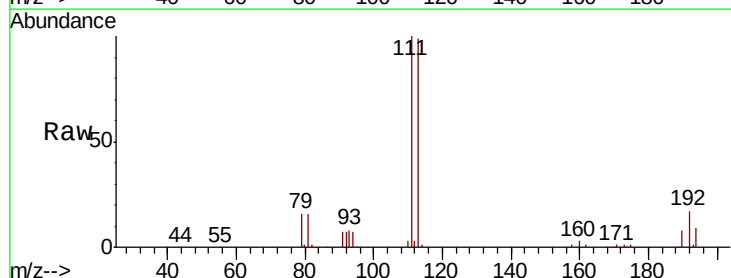


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

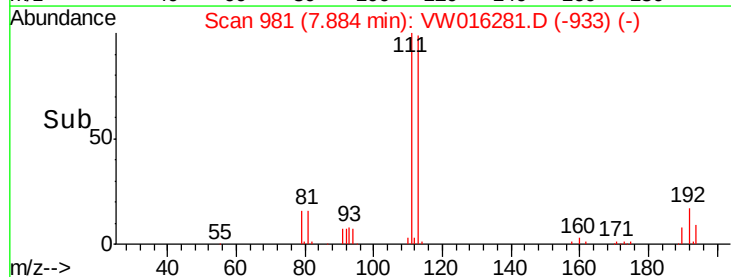
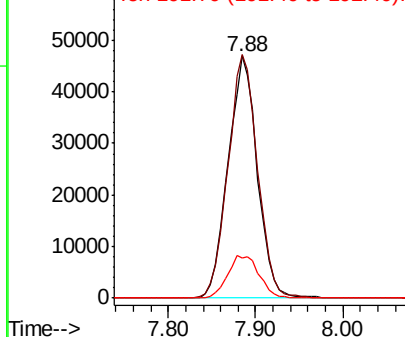


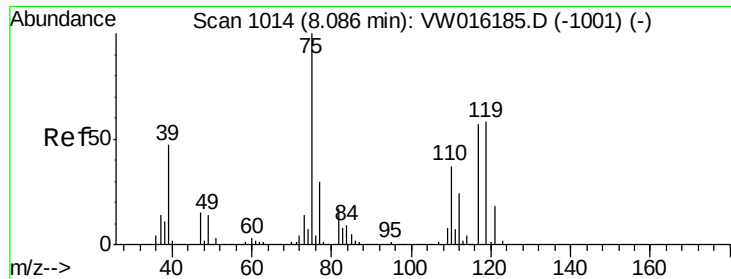
#35
 Dibromofluoromethane
 Concen: 49.599 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW016281.D
 Acq: 21 Aug 2020 00:19

Tgt Ion:113 Resp: 109077
 Ion Ratio Lower Upper
 113 100
 111 101.8 83.5 125.3
 192 18.8 14.3 21.5



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

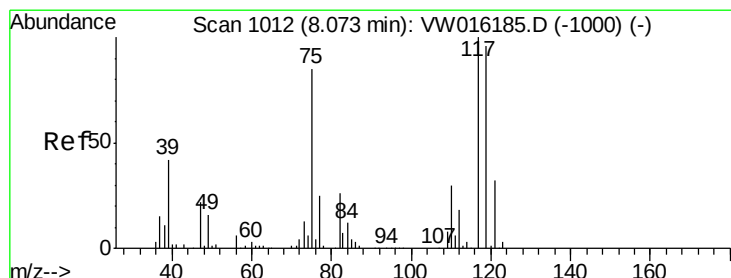
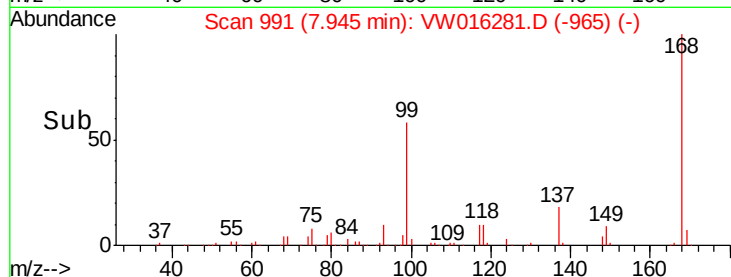
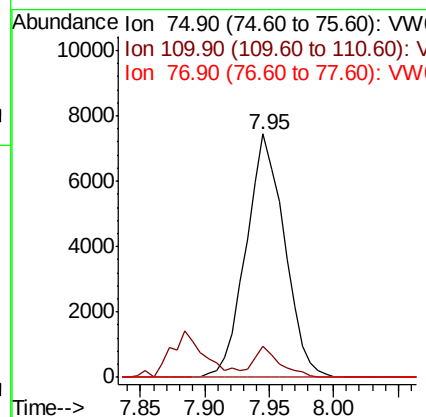
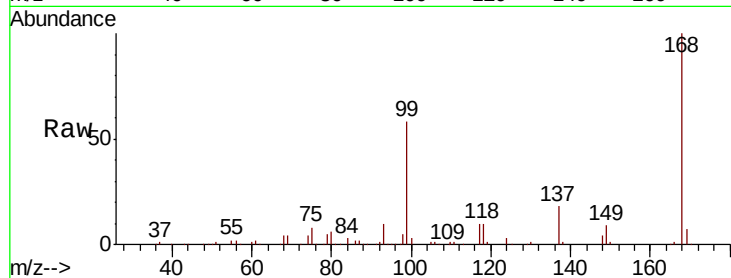




#36
 1,1-Dichloropropene
 Concen: 4.372 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW016281.D
 Acq: 21 Aug 2020 00:19

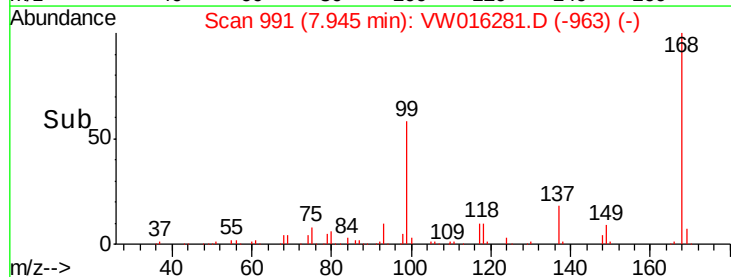
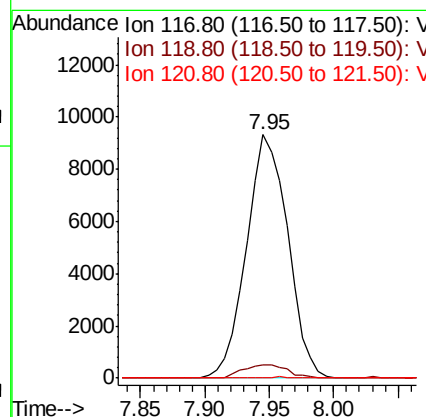
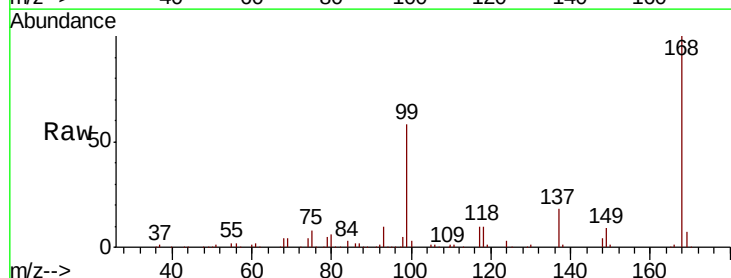
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 CHRT-25433RE

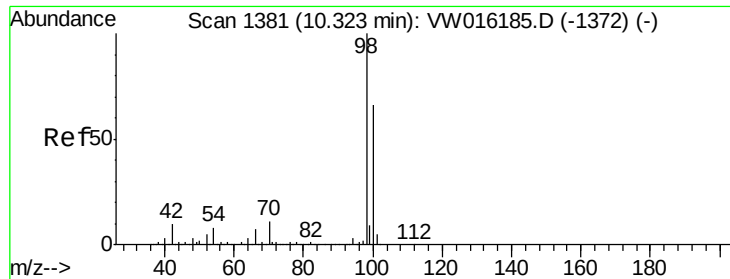
Tot Ion	75	Resp	15350
Ion Ratio	Lower	Upper	
75	100		
110	8.6	18.1	54.3#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 5.908 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW016281.D
 Acq: 21 Aug 2020 00:19

Tgt Ion	117	Resp	20701
Ion Ratio	Lower	Upper	
117	100		
119	5.4	76.6	115.0#
121	0.0	25.4	38.0#

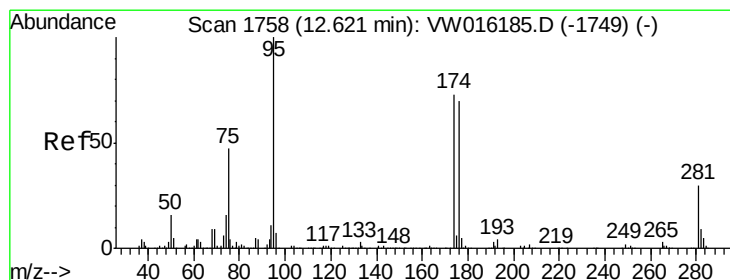
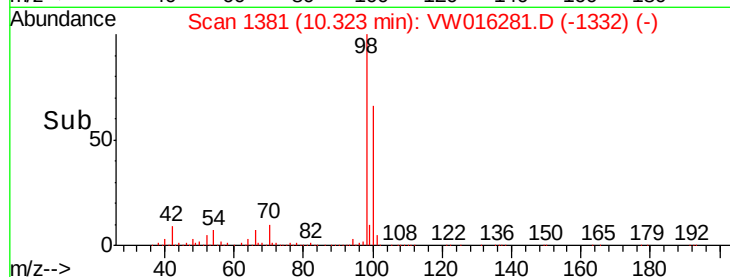
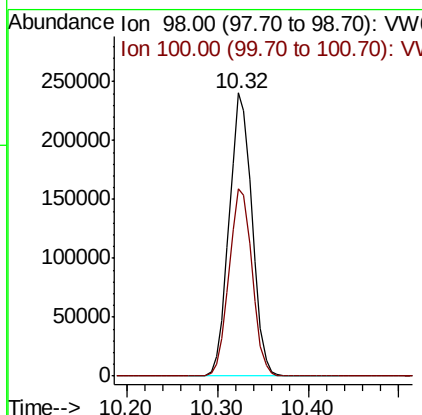
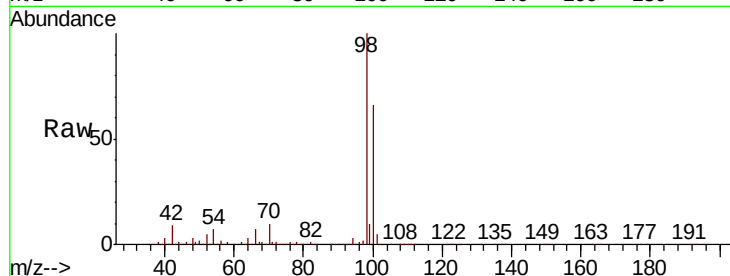




#50
Toluene-d8
Concen: 49.524 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW016281.D
Acq: 21 Aug 2020 00:19

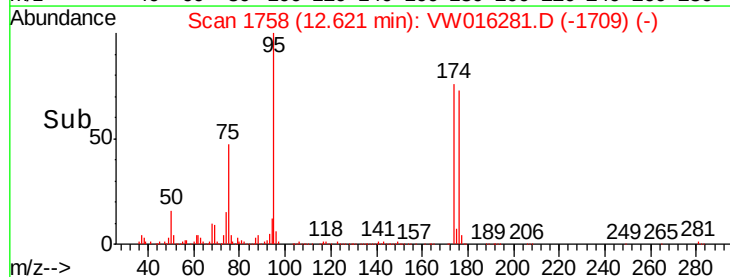
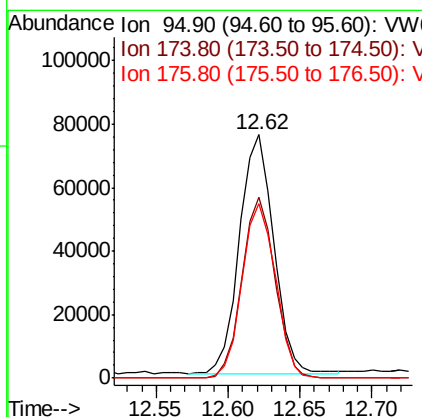
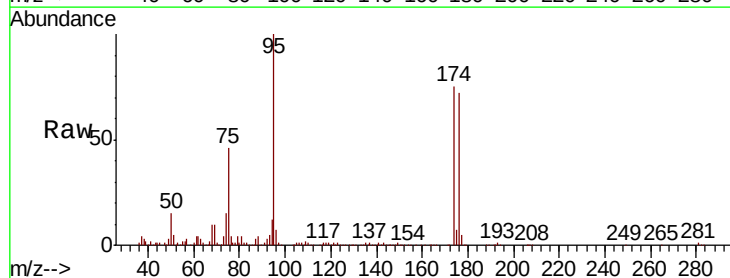
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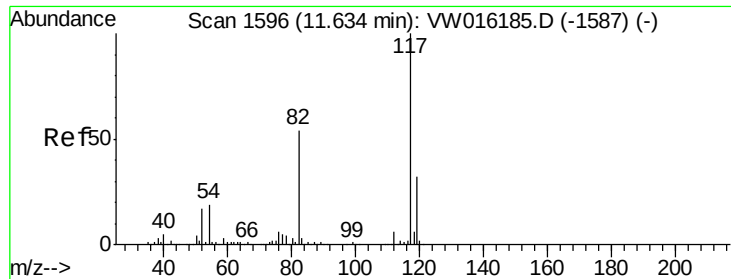
Tot Ion: 98 Resp: 421580
Ion Ratio Lower Upper
98 100
100 66.9 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 40.910 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW016281.D
Acq: 21 Aug 2020 00:19

Tgt Ion: 95 Resp: 124484
Ion Ratio Lower Upper
95 100
174 72.9 0.0 145.6
176 71.2 0.0 137.8

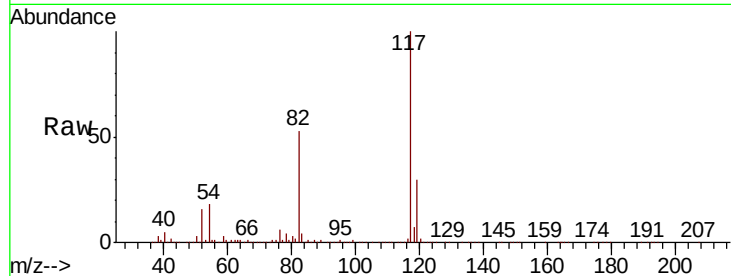




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016281.D
Acq: 21 Aug 2020 00:19

Instrument :
MSVOA_W
ClientSampleId :
CHRT-25433RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.6	65.4
119	30.4	25.4	38.0

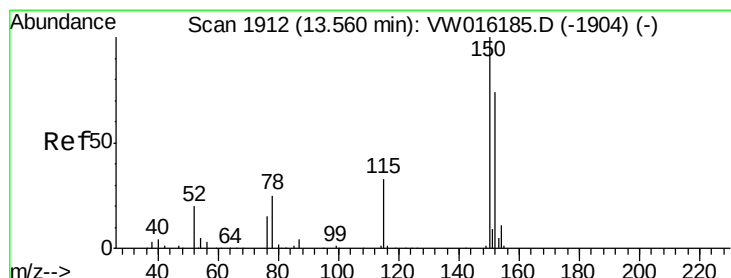
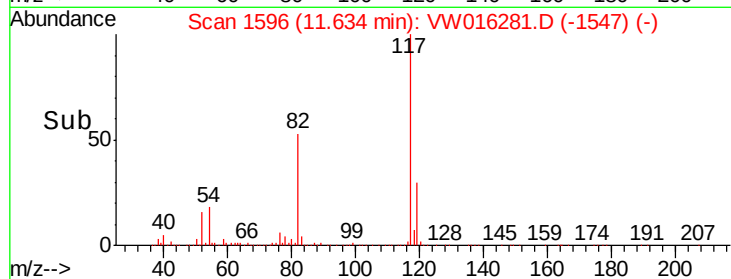
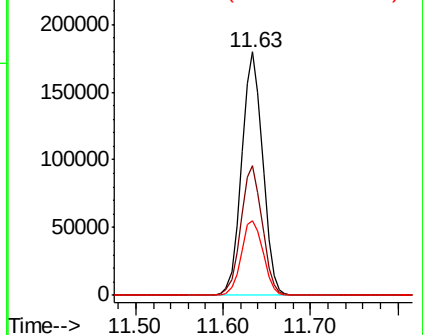


Abundance

Ion 116.90 (116.60 to 117.60): V

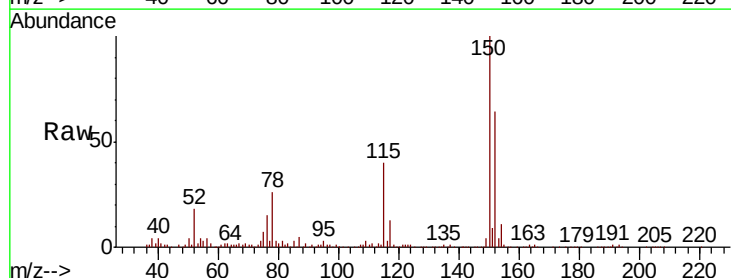
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW016281.D
Acq: 21 Aug 2020 00:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.1	30.9	92.5
150	154.8	0.0	337.8

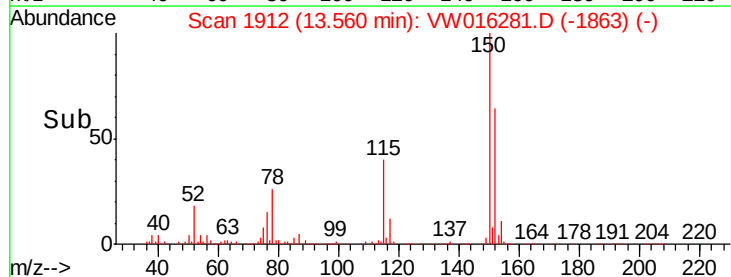
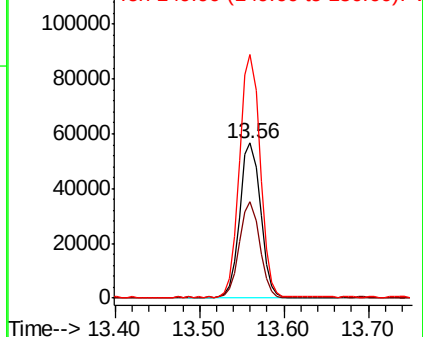


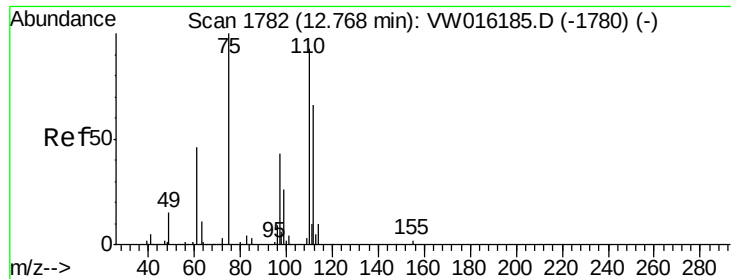
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

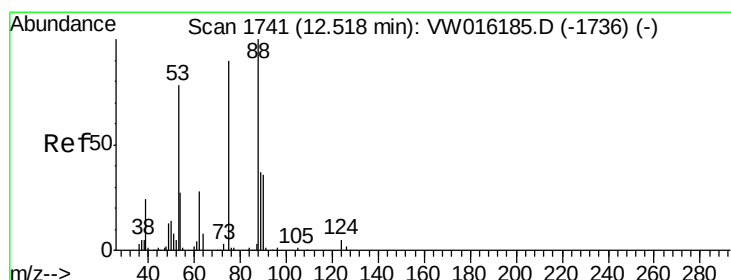
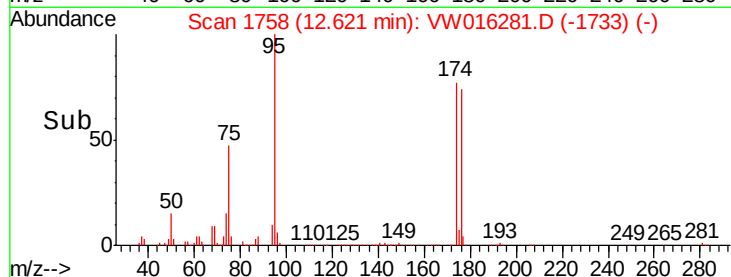
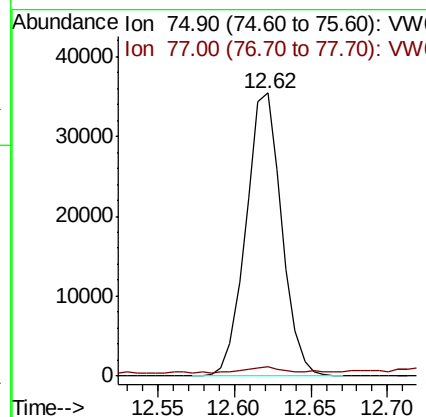
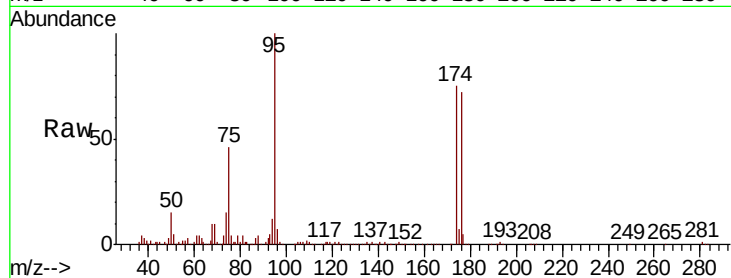




#76
 1,2,3-Trichloropropane
 Concen: 66.847 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW016281.D
 Acq: 21 Aug 2020 00:19

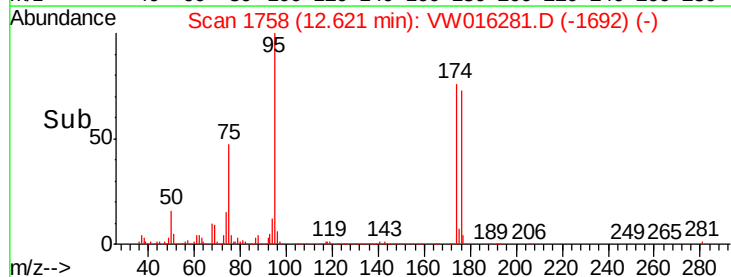
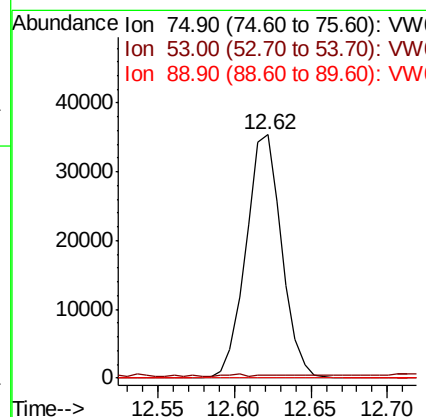
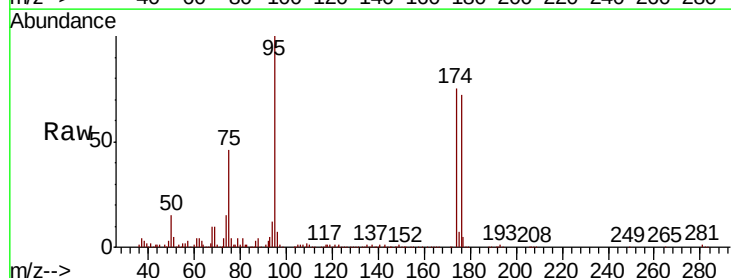
Instrument :
 MSVOA_W
 ClientSampleId :
 CHRT-25433RE

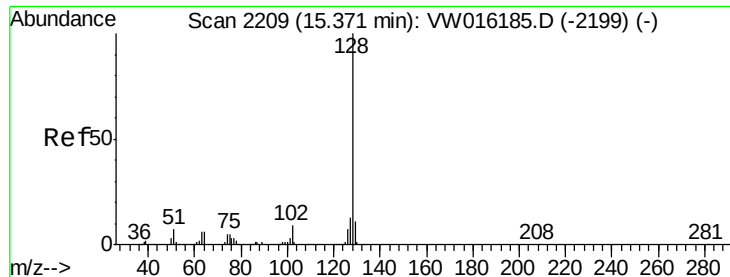
Tot Ion: 75 Resp: 57340
 Ion Ratio Lower Upper
 75 100
 77 2.3 173.6 520.6#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 160.342 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW016281.D
 Acq: 21 Aug 2020 00:19

Tgt Ion: 75 Resp: 57340
 Ion Ratio Lower Upper
 75 100
 53 0.6 74.6 111.8#
 89 0.0 37.2 55.8#

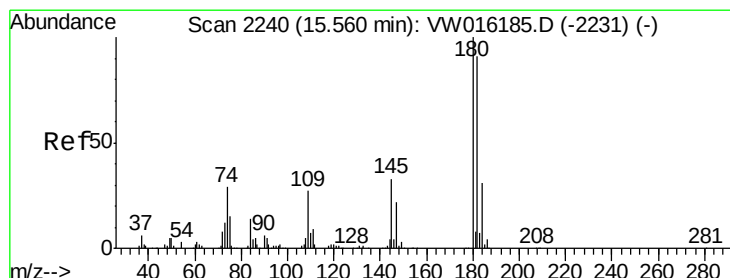
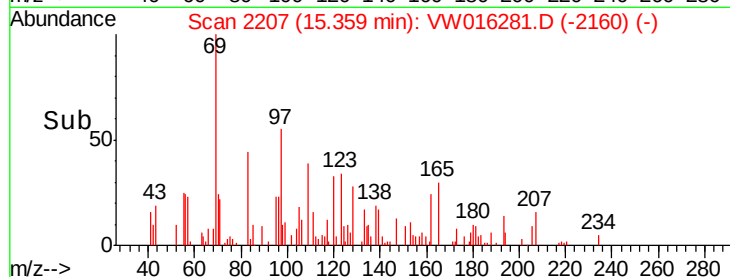
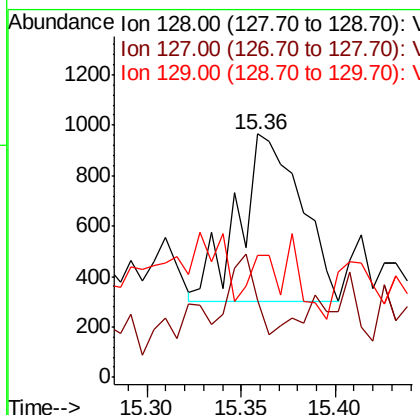
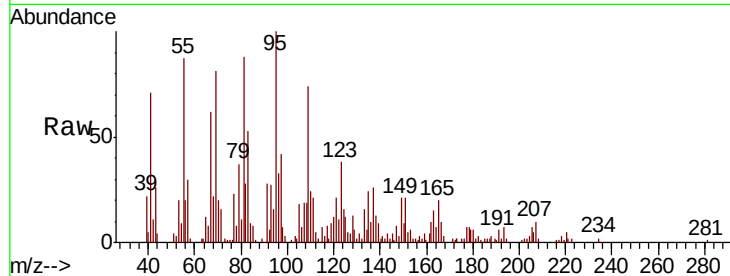




#95
Naphthalene
Concen: 3.989 ug/l
RT: 15.36 min Scan# 2207
Delta R.T. -0.01 min
Lab File: VW016281.D
Acq: 21 Aug 2020 00:19

Instrument :
MSVOA_W
ClientSampleId :
CHRT-25433RE

Tot Ion:128 Resp: 1520
Ion Ratio Lower Upper
128 100
127 26.0 10.2 15.4#
129 11.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.655 ug/l
RT: 15.58 min Scan# 2243
Delta R.T. 0.02 min
Lab File: VW016281.D
Acq: 21 Aug 2020 00:19

Tgt Ion:180 Resp: 2327
Ion Ratio Lower Upper
180 100
182 17.8 47.7 143.1#
145 0.0 17.4 52.3#

