

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082120\
 Data File : VW016285.D
 Acq On : 21 Aug 2020 02:01
 Operator : SY/VA
 Sample : L3742-02
 Misc : 7.76G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-10-S2

Quant Time: Aug 21 03:52:10 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	233816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	418753	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	372105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	155143	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	118953	52.17	ug/l	0.00
Spiked Amount			Recovery	=	104.34%	
35) Dibromofluoromethane	7.88	113	126989	49.15	ug/l	0.00
Spiked Amount			Recovery	=	98.30%	
50) Toluene-d8	10.32	98	504927	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	
62) 4-Bromofluorobenzene	12.62	95	171584	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	

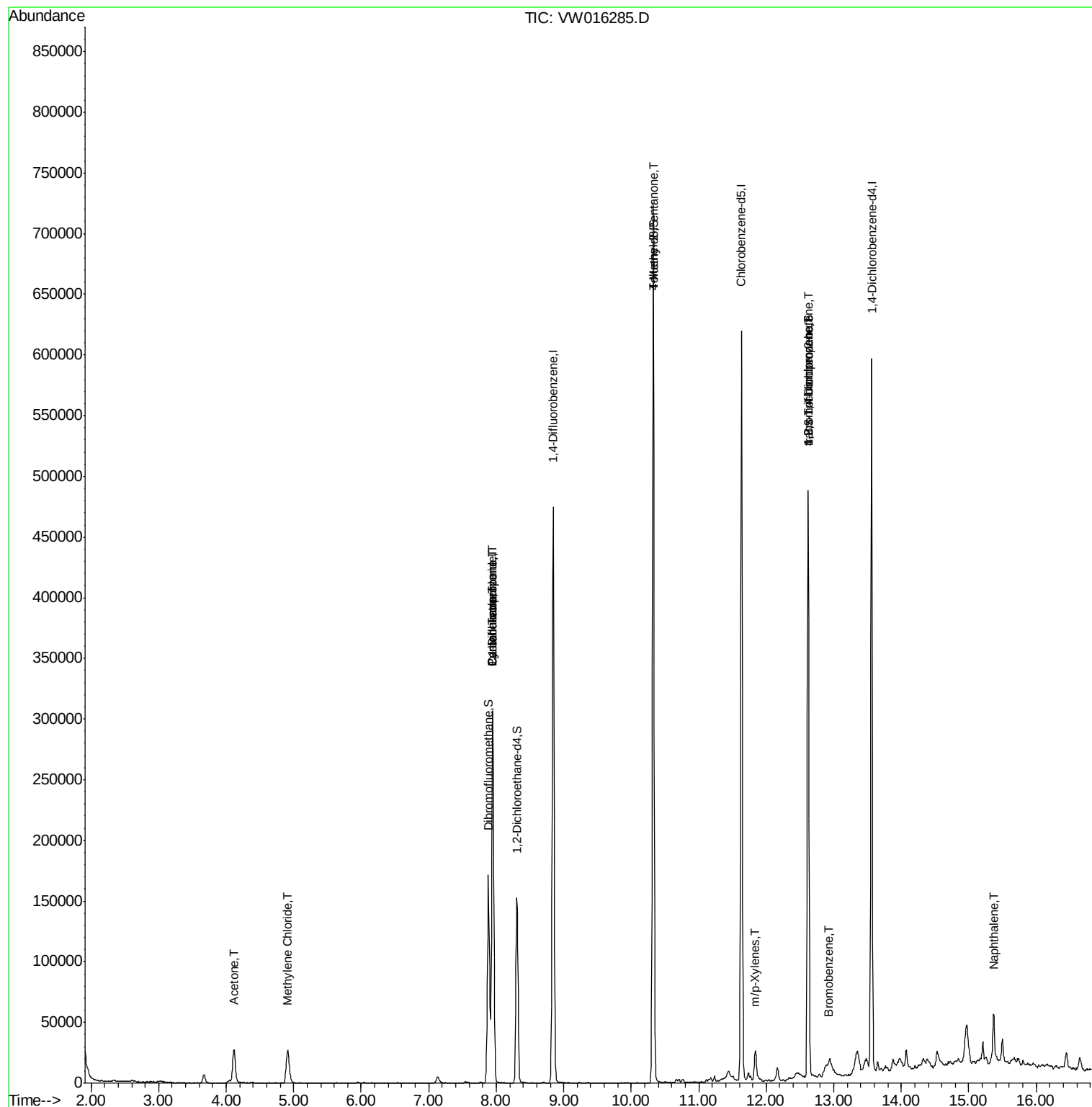
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.11	43	50055	114.592	ug/l	99
20) Methylene Chloride	4.91	84	23156	3.986	ug/l	94
31) Cyclohexane	7.95	56	4414	1.061	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17382	4.214	ug/l #	49
38) Carbon Tetrachloride	7.95	117	24288	5.900	ug/l #	15
51) 4-Methyl-2-Pentanone	10.32	43	1995	1.482	ug/l #	1
68) m/p-Xylenes	11.84	106	7359	1.397	ug/l	92
76) 1,2,3-Trichloropropane	12.62	75	81536	57.146	ug/l #	1
77) Bromobenzene	12.92	156	17557	6.714	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	81536	137.072	ug/l #	12
95) Naphthalene	15.37	128	34546	9.196	ug/l	97

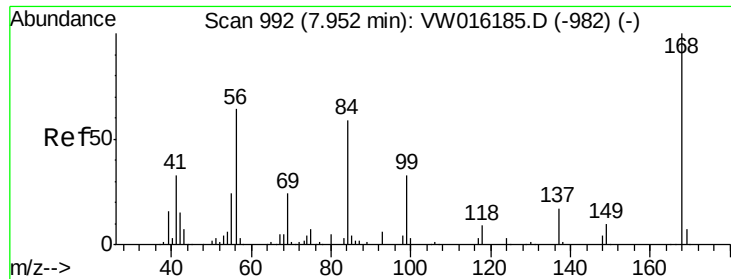
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082120\
Data File : VW016285.D
Acq On : 21 Aug 2020 02:01
Operator : SY/VA
Sample : L3742-02
Misc : 7.76G/5ML/MSVOA W/SOIL
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Instrument :
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ClientSampleId :
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Quant Time: Aug 21 03:52:10 2020
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# 992

Delta R.T. 0.00 min

Lab File: VW016285.D

Acq: 21 Aug 2020 02:01

Instrument :

MSVOA_W

ClientSampled :

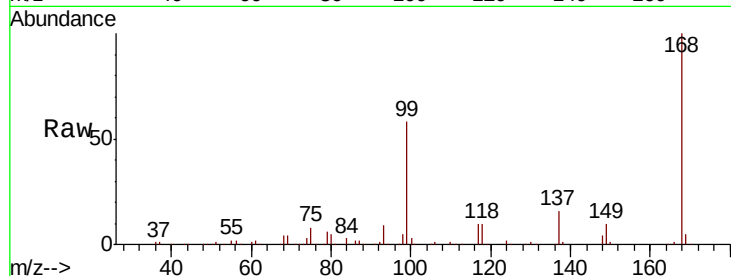
TP-10-S2

Tot Ion:168 Resp: 233816

Ion Ratio Lower Upper

168 100

99 57.8 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

120000

100000

80000

60000

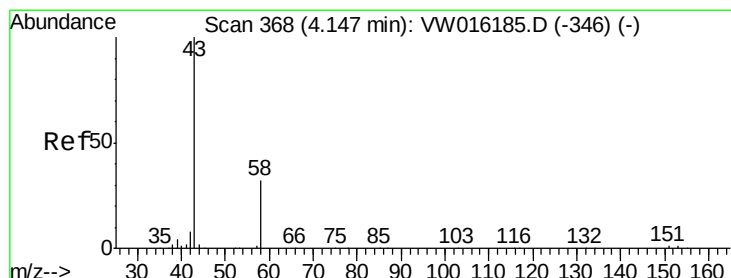
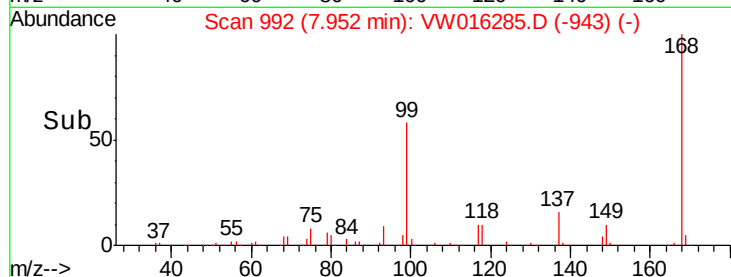
40000

20000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 114.592 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.04 min

Lab File: VW016285.D

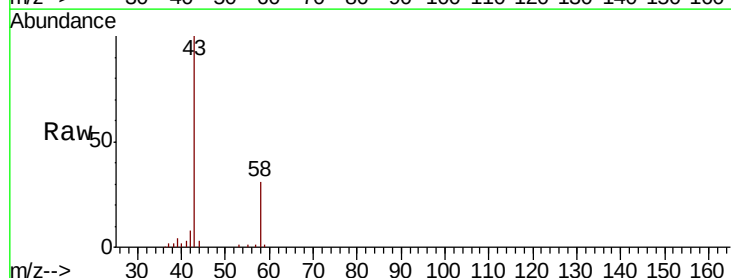
Acq: 21 Aug 2020 02:01

Tgt Ion: 43 Resp: 50055

Ion Ratio Lower Upper

43 100

58 31.4 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.11

20000

15000

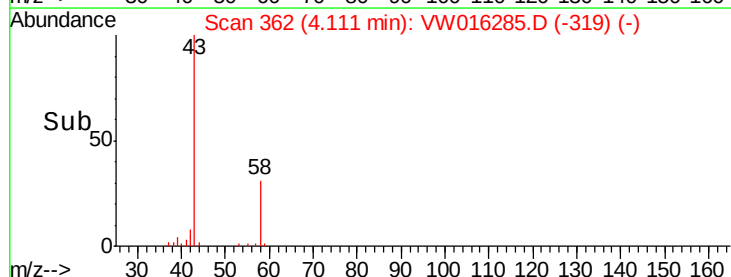
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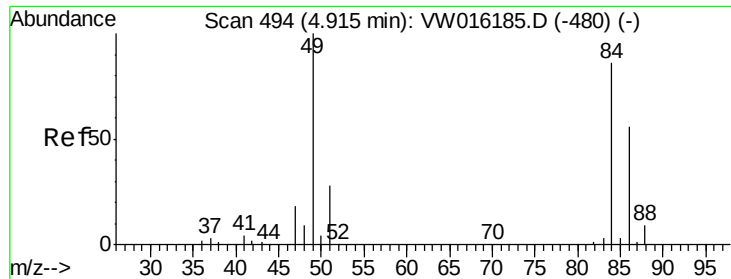
5000

0

4.00 4.10 4.20 4.30

Time-->

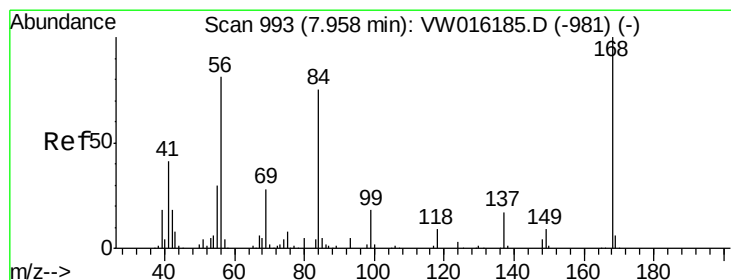
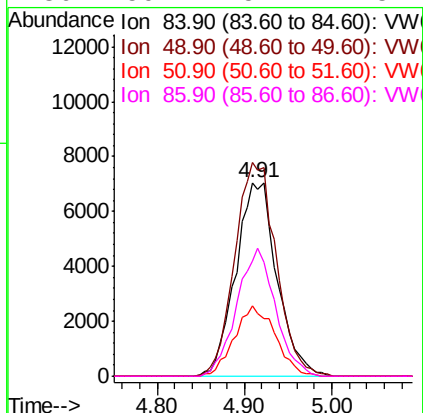
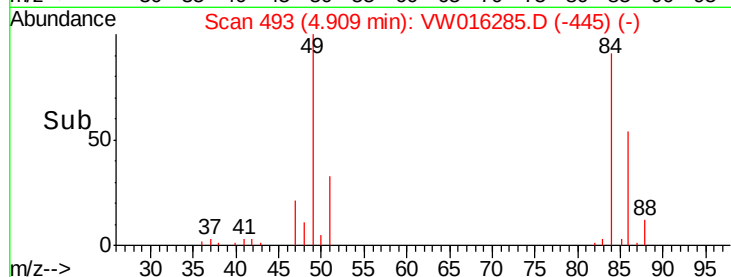
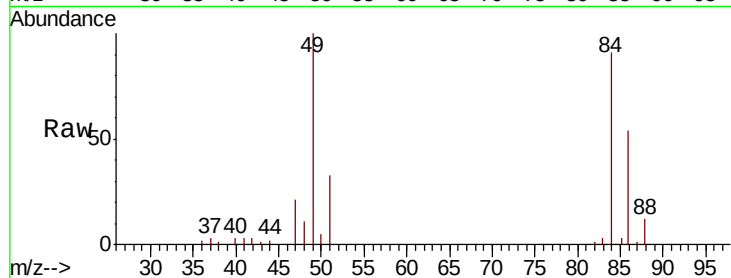




#20
Methylene Chloride
Concen: 3.986 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW016285.D
Acq: 21 Aug 2020 02:01

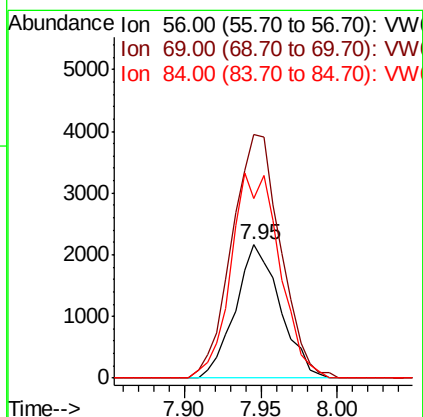
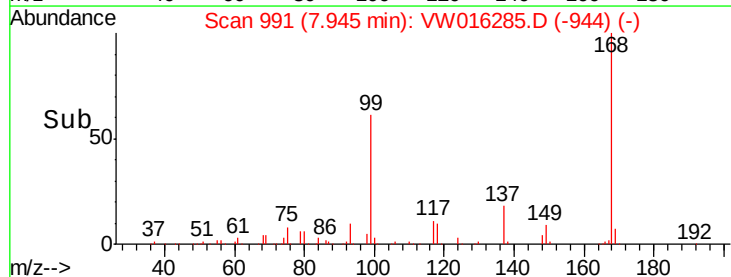
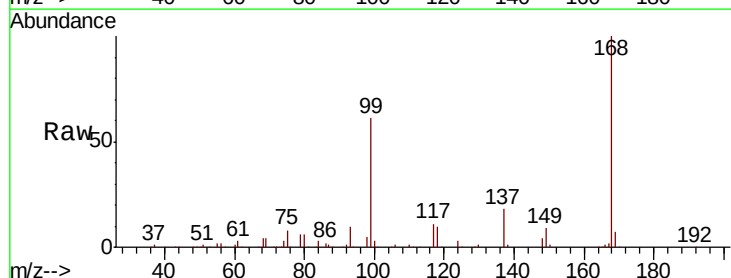
Instrument :
MSVOA_W
ClientSampleId :
TP-10-S2

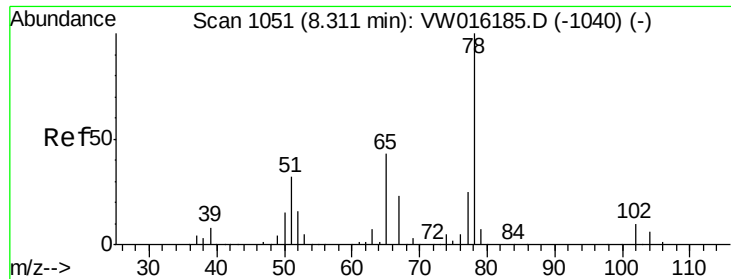
Tot Ion:	84	Resp:	23156
Ion	Ratio	Lower	Upper
84	100		
49	110.3	93.4	140.2
51	36.2	26.6	40.0
86	59.2	52.2	78.2



#31
Cyclohexane
Concen: 1.061 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW016285.D
Acq: 21 Aug 2020 02:01

Tgt Ion:	56	Resp:	4414
Ion	Ratio	Lower	Upper
56	100		
69	182.9	27.3	40.9#
84	134.7	73.5	110.3#

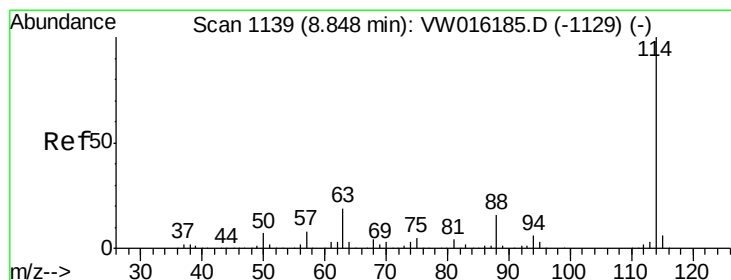
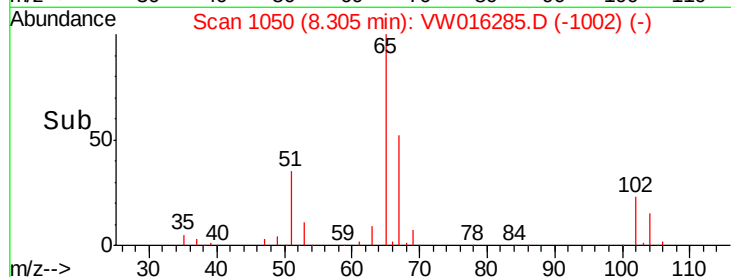
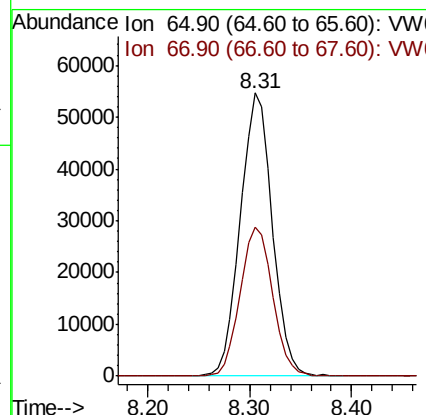
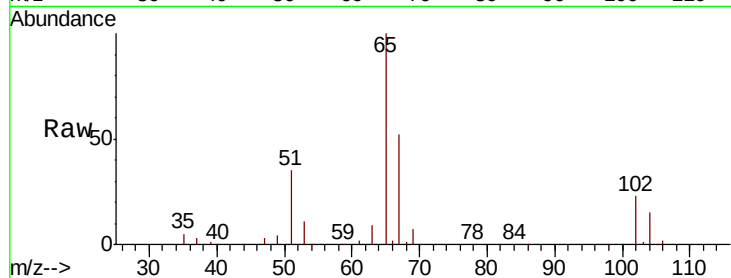




#33
 1,2-Dichloroethane-d4
 Concen: 52.168 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW016285.D
 Acq: 21 Aug 2020 02:01

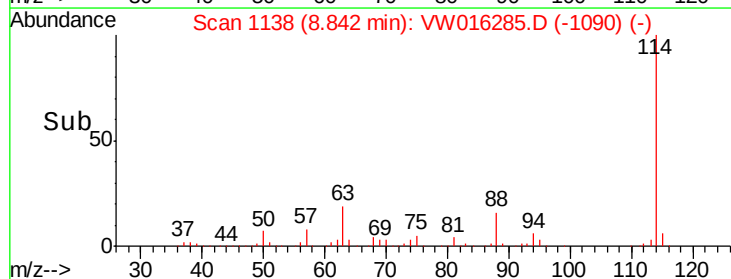
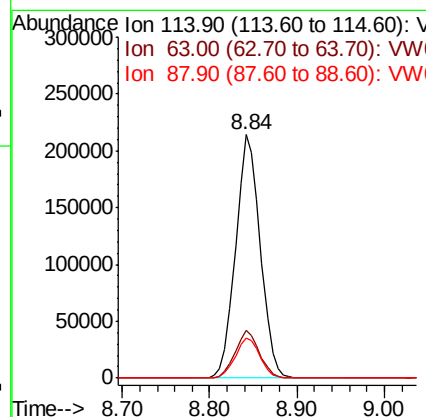
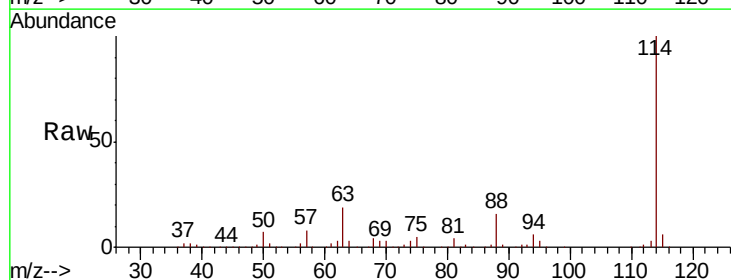
Instrument :
 MSVOA_W
 ClientSampled :
 TP-10-S2

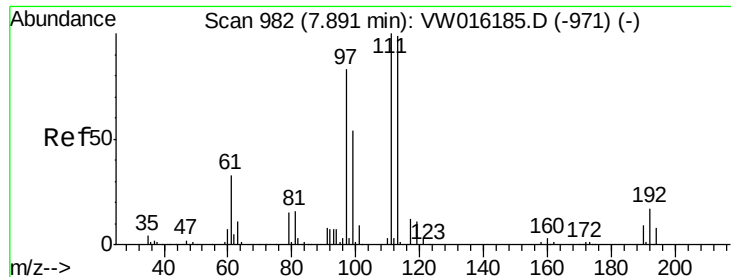
Tot Ion: 65 Resp: 118953
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW016285.D
 Acq: 21 Aug 2020 02:01

Tgt Ion: 114 Resp: 418753
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.4
 88 16.4 0.0 32.8

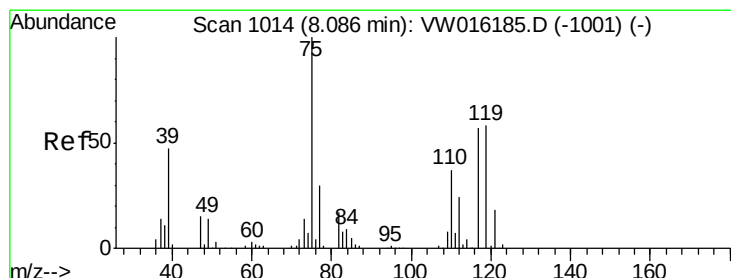
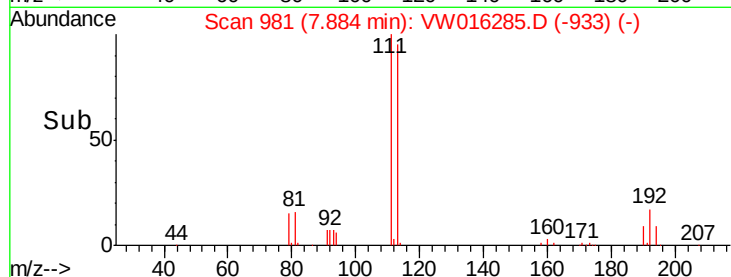
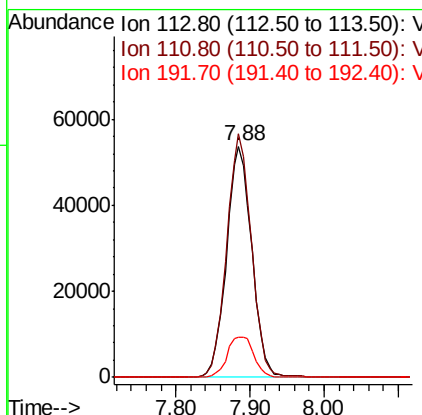
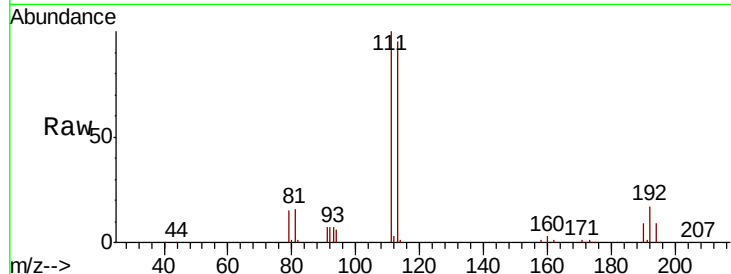




#35
 Dibromofluoromethane
 Concen: 49.149 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW016285.D
 Acq: 21 Aug 2020 02:01

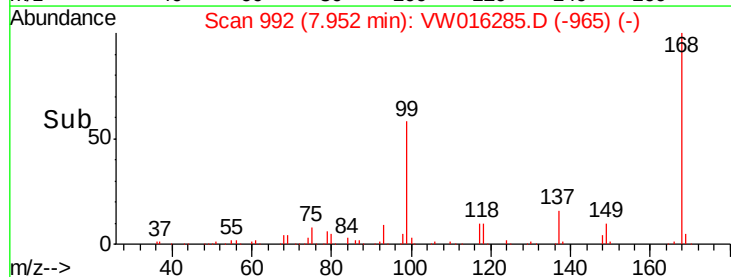
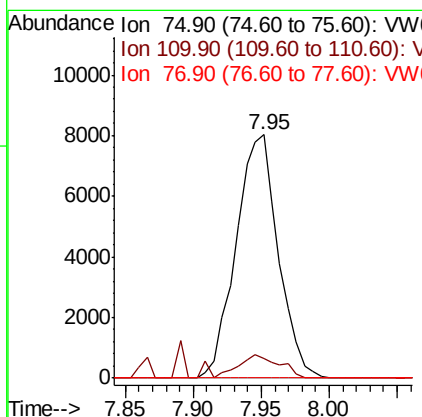
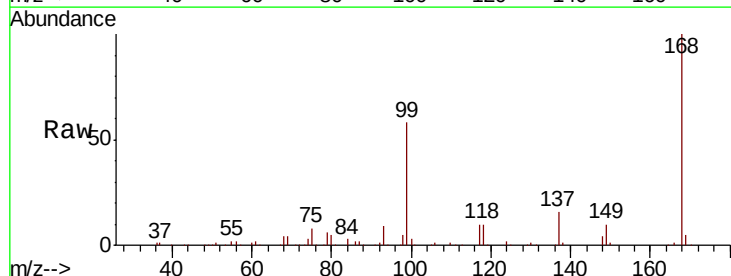
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-10-S2

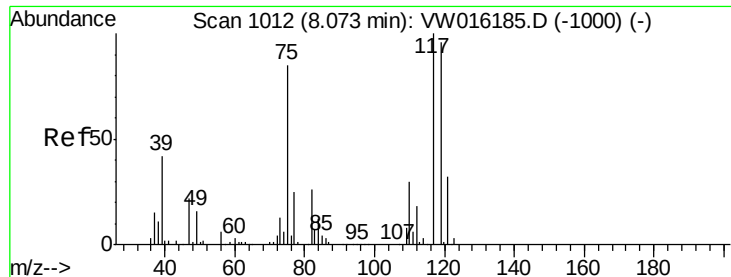
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.5	125.3
192	18.6	14.3	21.5



#36
 1,1-Dichloropropene
 Concen: 4.214 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW016285.D
 Acq: 21 Aug 2020 02:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.1	54.3#
77	0.0	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 5.900 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW016285.D

Acq: 21 Aug 2020 02:01

Instrument :

MSVOA_W

ClientSampled :

TP-10-S2

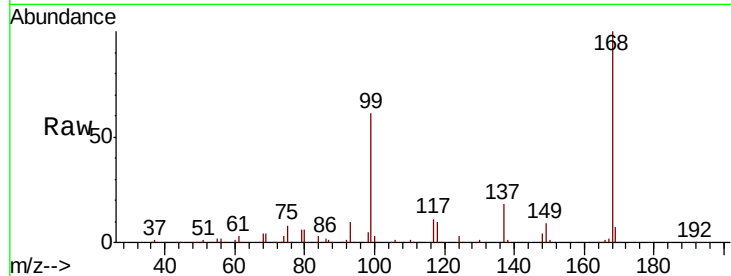
Tot Ion:117 Resp: 24288

Ion Ratio Lower Upper

117 100

119 4.4 76.6 115.0#

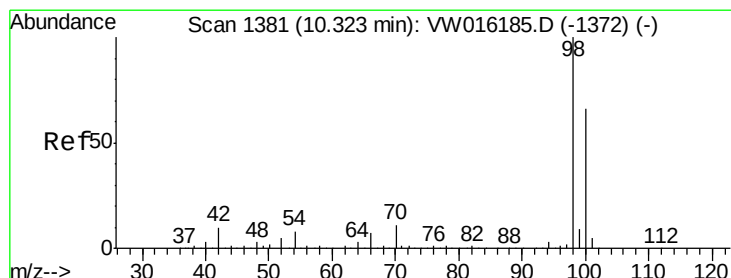
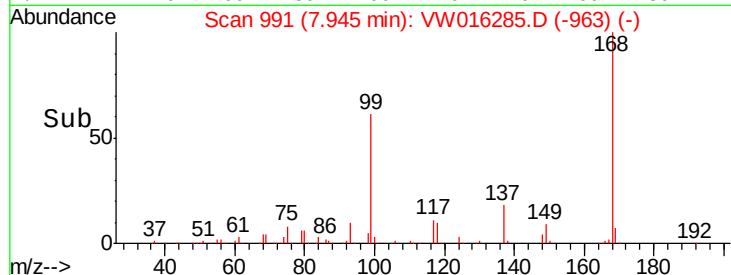
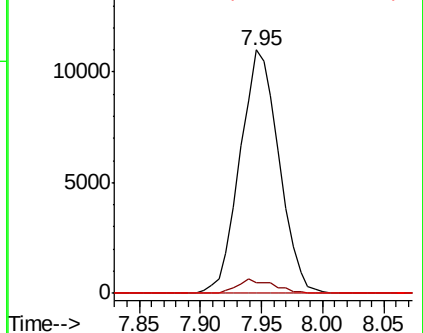
121 0.0 25.4 38.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 50.486 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW016285.D

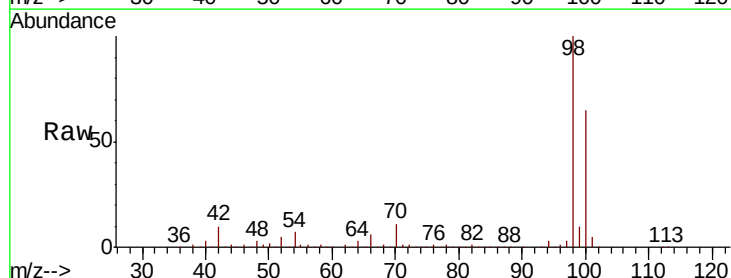
Acq: 21 Aug 2020 02:01

Tgt Ion: 98 Resp: 504927

Ion Ratio Lower Upper

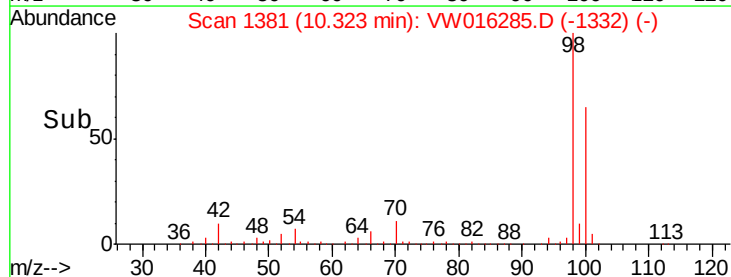
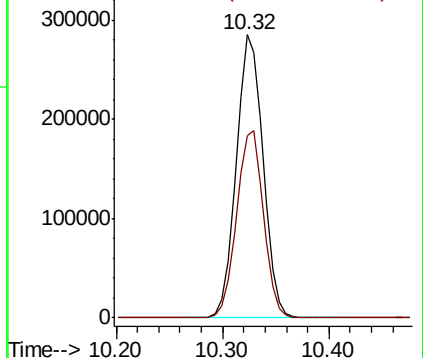
98 100

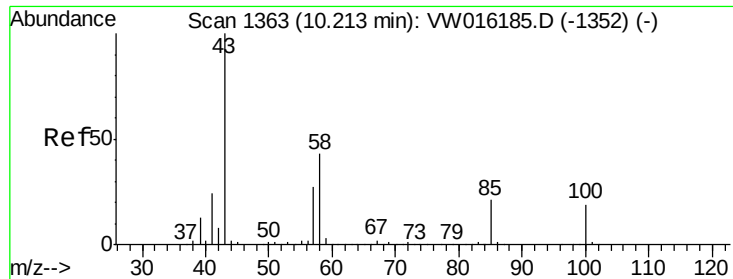
100 66.5 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

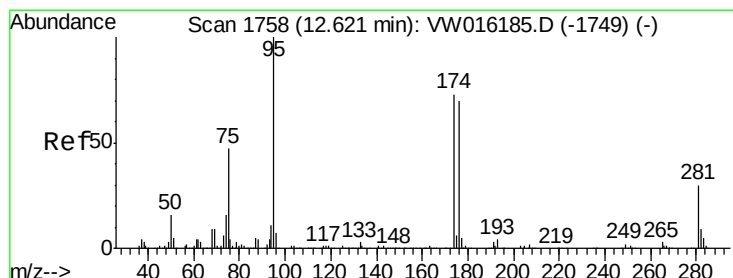
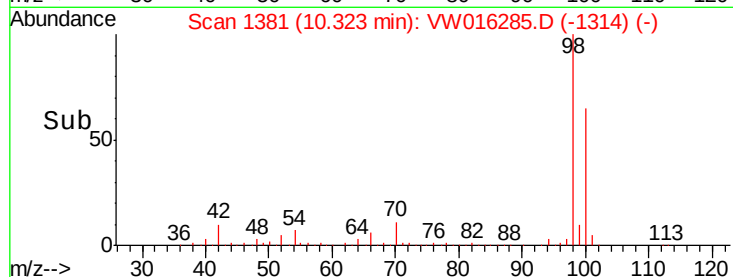
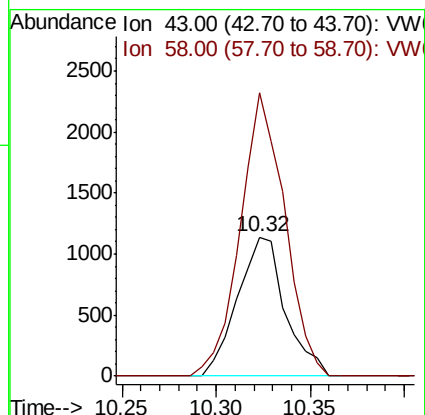
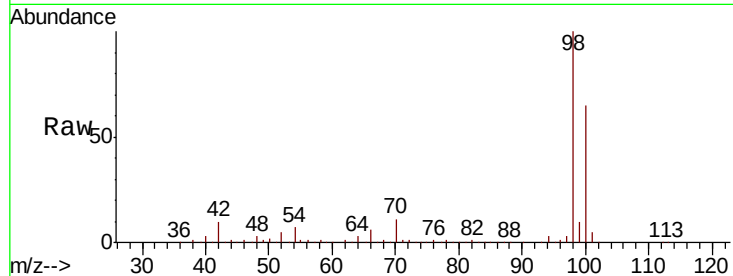




#51
4-Methyl-2-Pentanone
Concen: 1.482 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.11 min
Lab File: VW016285.D
Acq: 21 Aug 2020 02:01

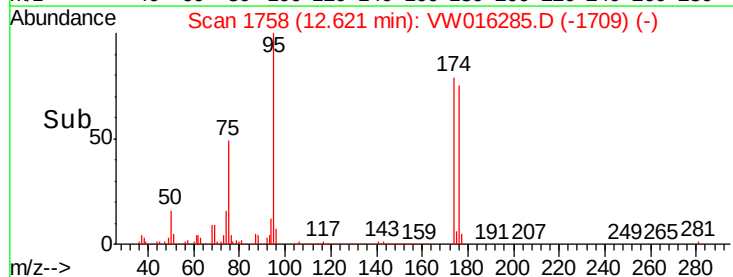
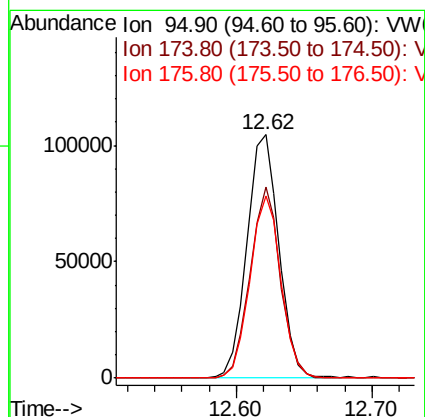
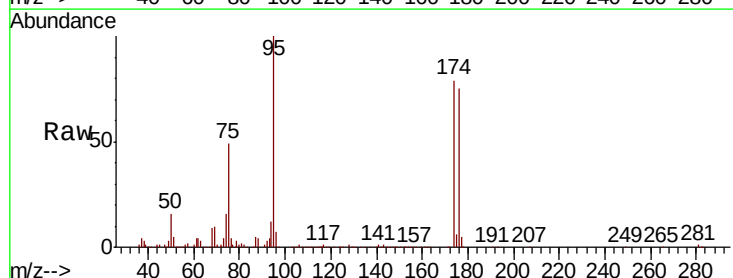
Instrument :
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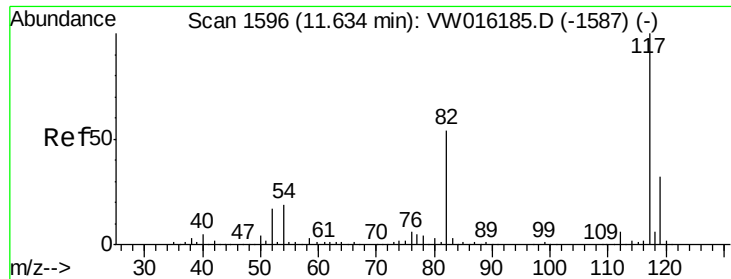
Tot Ion: 43 Resp: 1995
Ion Ratio Lower Upper
43 100
58 190.1 33.7 50.5#



#62
4-Bromofluorobenzene
Concen: 47.996 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW016285.D
Acq: 21 Aug 2020 02:01

Tgt Ion: 95 Resp: 171584
Ion Ratio Lower Upper
95 100
174 74.8 0.0 145.6
176 73.1 0.0 137.8

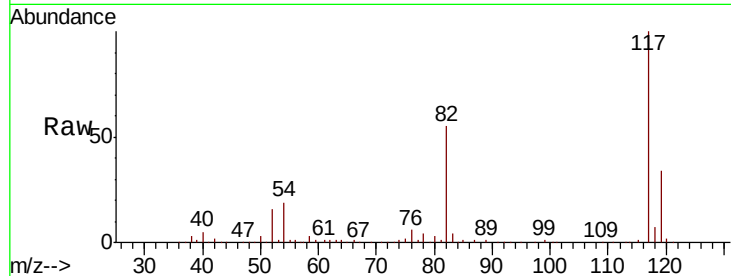




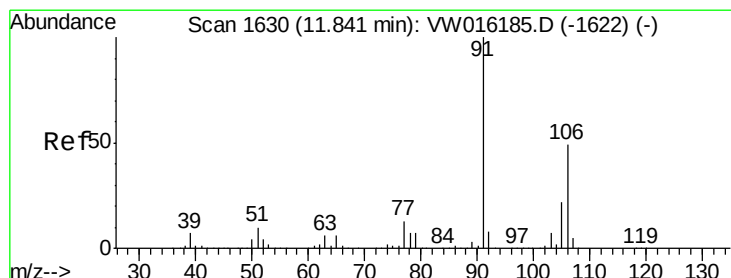
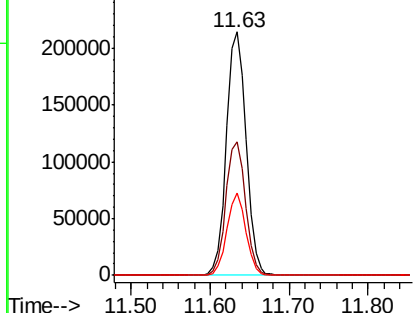
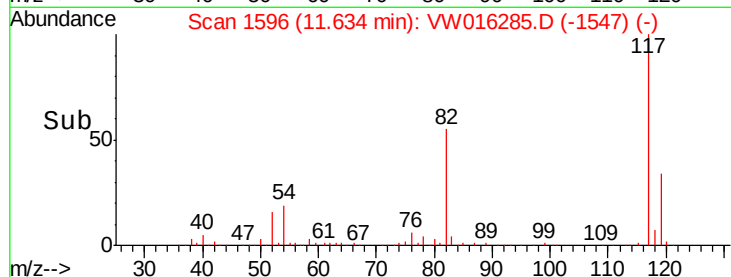
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016285.D
Acq: 21 Aug 2020 02:01

Instrument :
MSVOA_W
ClientSampleId :
TP-10-S2

Tot Ion:117 Resp: 372105
Ion Ratio Lower Upper
117 100
82 54.8 43.6 65.4
119 34.0 25.4 38.0

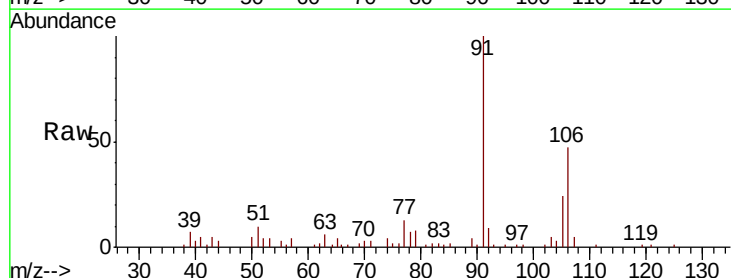


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

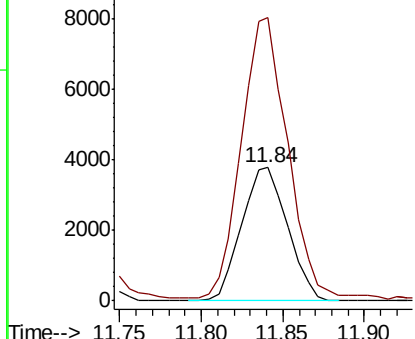
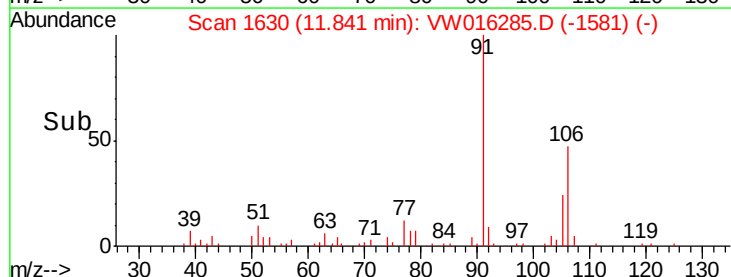


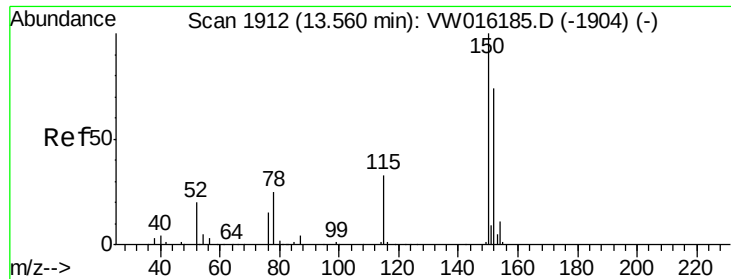
#68
m/p-Xylenes
Concen: 1.397 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016285.D
Acq: 21 Aug 2020 02:01

Tgt Ion:106 Resp: 7359
Ion Ratio Lower Upper
106 100
91 214.1 161.4 242.2



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW



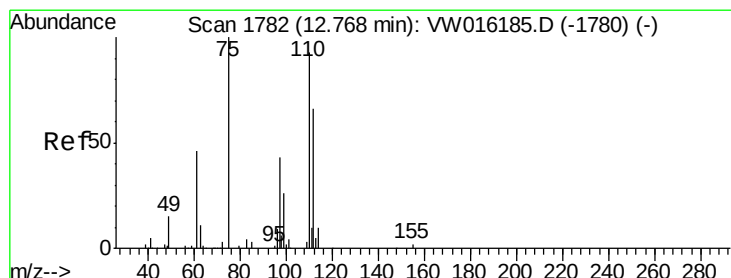
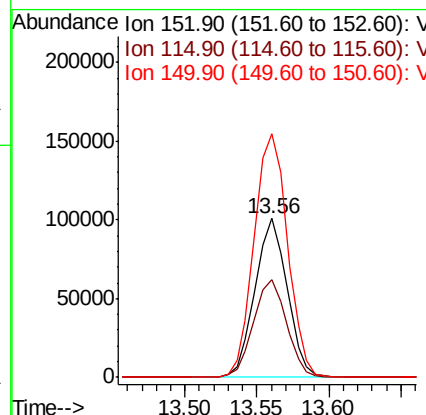
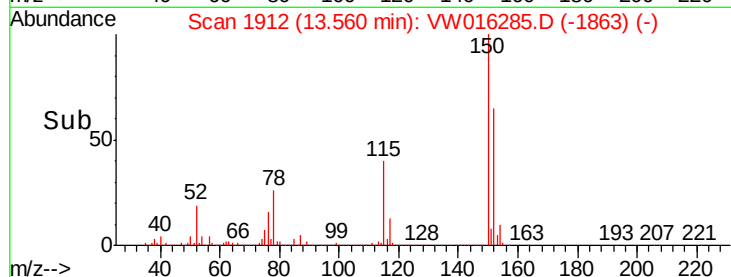
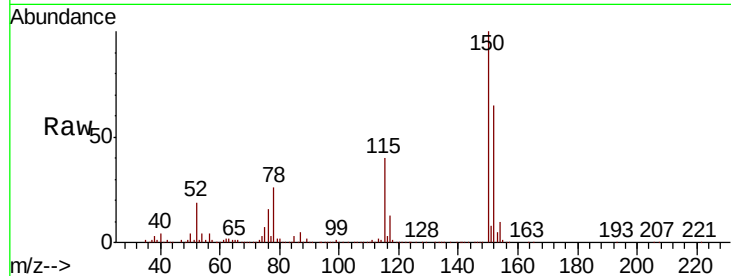


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW016285.D
Acq: 21 Aug 2020 02:01

Instrument :
MSVOA_W
ClientSampled :
TP-10-S2

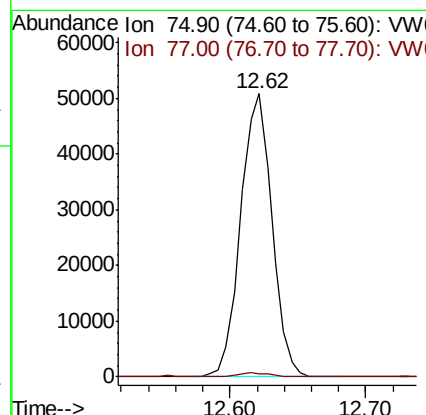
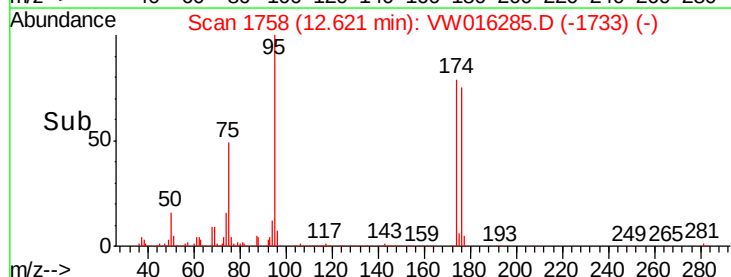
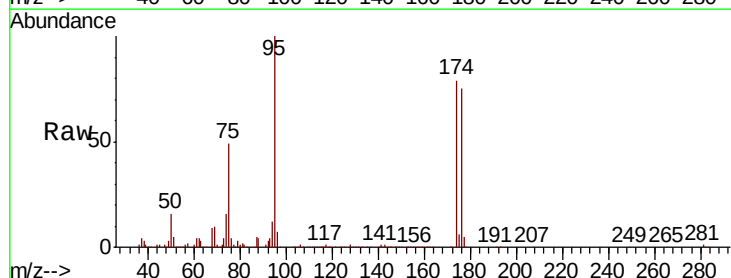
Tot Ion:152 Resp: 155143
Ion Ratio Lower Upper
152 100
115 63.1 30.9 92.5
150 160.0 0.0 337.8

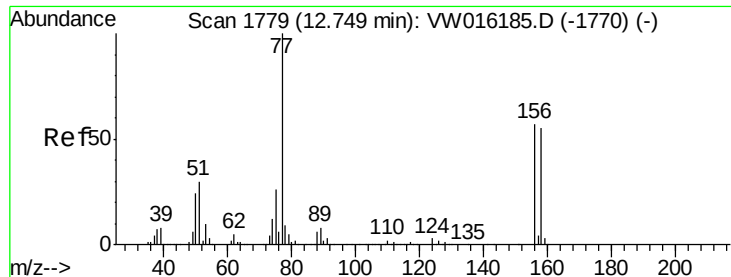


#76

1,2,3-Trichloropropane
Concen: 57.146 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW016285.D
Acq: 21 Aug 2020 02:01

Tgt Ion: 75 Resp: 81536
Ion Ratio Lower Upper
75 100
77 1.8 173.6 520.6#





#77

Bromobenzene

Concen: 6.714 ug/l

RT: 12.92 min Scan# 1807

Delta R.T. 0.17 min

Lab File: VW016285.D

Acq: 21 Aug 2020 02:01

Instrument :

MSVOA_W

ClientSampleId :

TP-10-S2

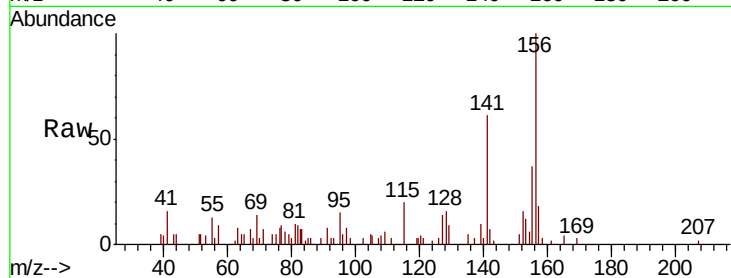
Tot Ion:156 Resp: 17557

Ion Ratio Lower Upper

156 100

77 0.0 97.9 293.6#

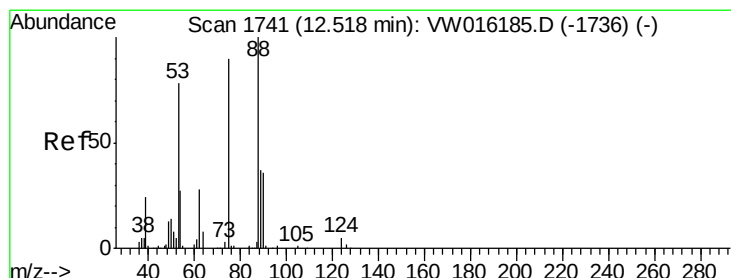
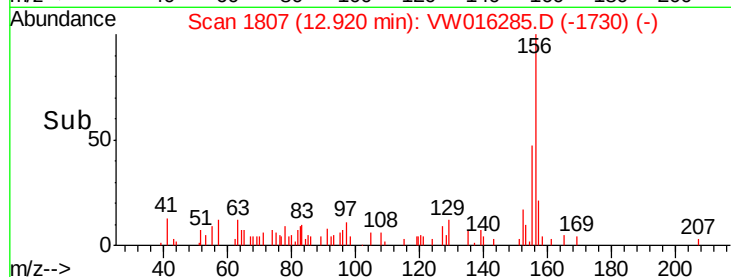
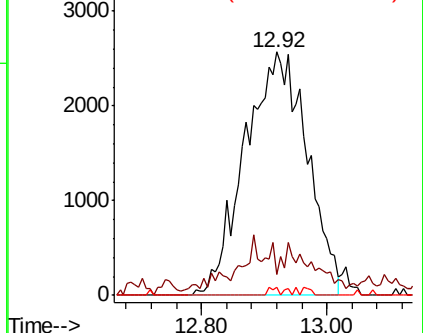
158 0.4 49.0 147.2#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 137.072 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW016285.D

Acq: 21 Aug 2020 02:01

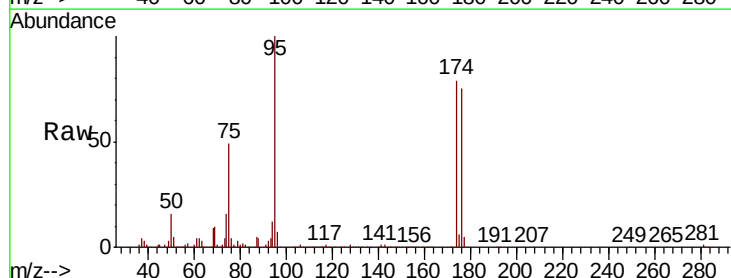
Tgt Ion: 75 Resp: 81536

Ion Ratio Lower Upper

75 100

53 0.2 74.6 111.8#

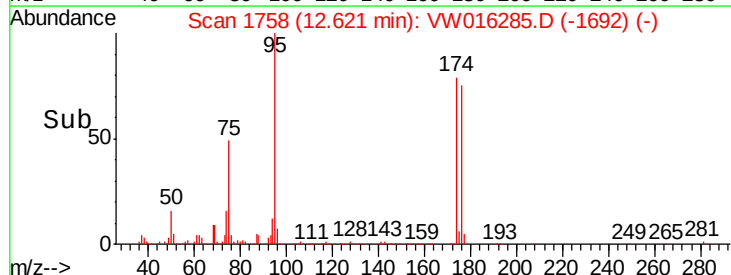
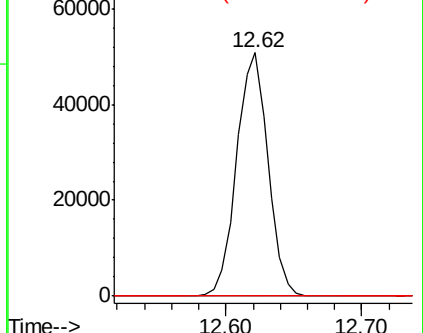
89 0.0 37.2 55.8#

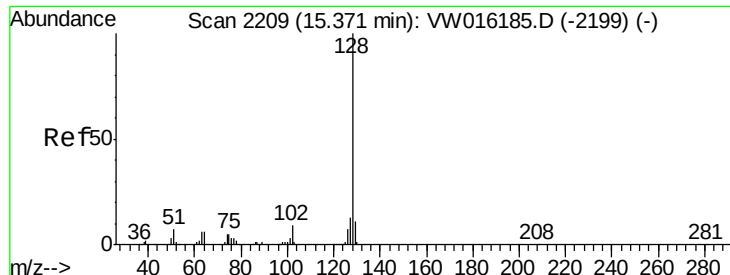


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

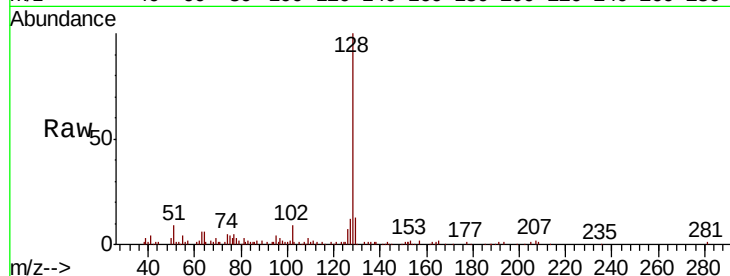




#95
Naphthalene
Concen: 9.196 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW016285.D
Acq: 21 Aug 2020 02:01

Instrument :
MSVOA_W
ClientSampleId :
TP-10-S2

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.5	10.2	15.4
129	11.9	8.7	13.1



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

