

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082120\
 Data File : VW016294.D
 Acq On : 21 Aug 2020 05:50
 Operator : SY/VA
 Sample : L3729-02RE
 Misc : 4.49G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4-(3-4)

Quant Time: Aug 21 08:07:20 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	231800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	429545	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	404414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	162826	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	120701	53.40	ug/l	0.00
Spiked Amount			Recovery	=	106.80%	
35) Dibromofluoromethane	7.88	113	127564	48.13	ug/l	0.00
Spiked Amount			Recovery	=	96.26%	
50) Toluene-d8	10.33	98	526278	51.30	ug/l	0.00
Spiked Amount			Recovery	=	102.60%	
62) 4-Bromofluorobenzene	12.62	95	184037	50.19	ug/l	0.00
Spiked Amount			Recovery	=	100.38%	

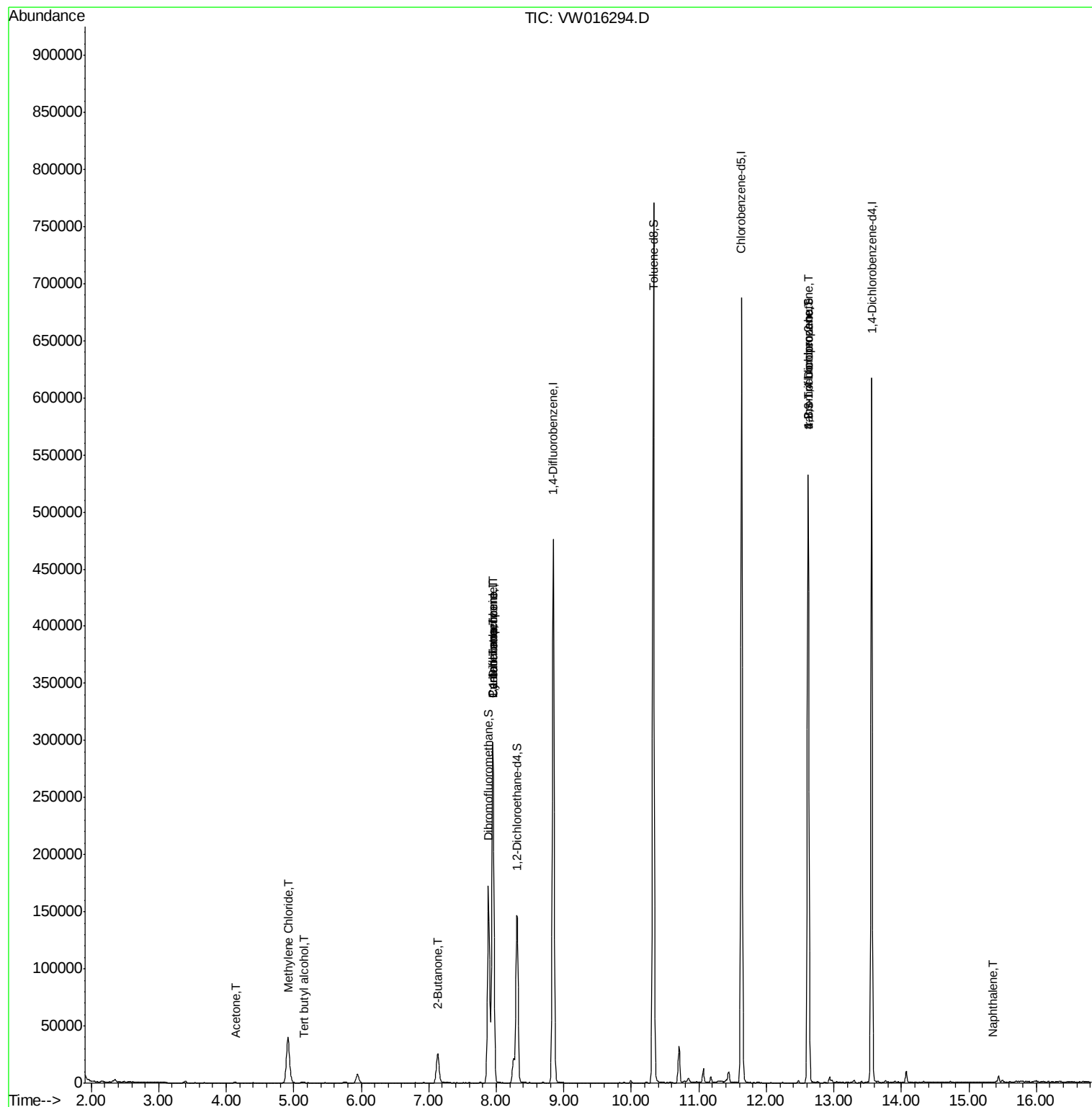
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.15	59	678	5.636	ug/l #	70
16) Acetone	4.13	43	898	2.074	ug/l	89
20) Methylene Chloride	4.92	84	34540	8.765	ug/l	96
25) 2-Butanone	7.13	43	1296	2.233	ug/l #	44
31) Cyclohexane	7.95	56	4184	1.014	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17582	4.155	ug/l #	49
38) Carbon Tetrachloride	7.95	117	24278	5.749	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	88484	59.089	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	88484	141.733	ug/l #	12
95) Naphthalene	15.36	128	305	3.625	ug/l #	69

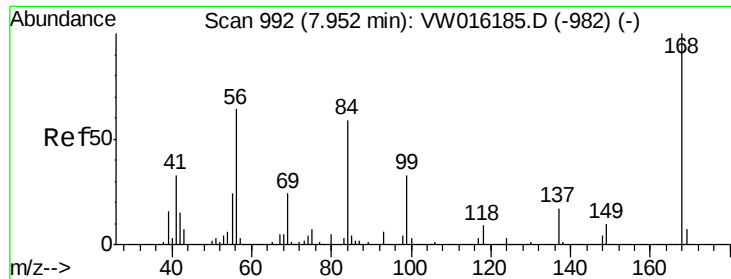
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082120\
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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: VW016294.D

Acq: 21 Aug 2020 05:50

Instrument :

MSVOA_W

ClientSampleId :

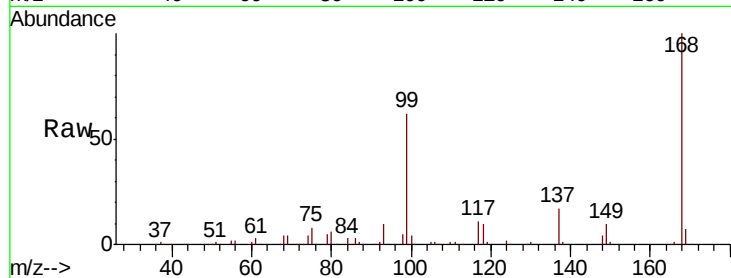
SB-4-(3-4)

Tot Ion:168 Resp: 231800

Ion Ratio Lower Upper

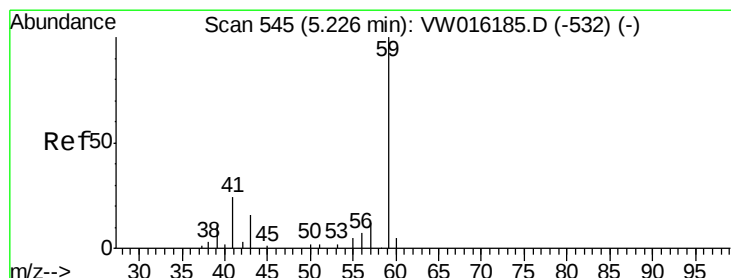
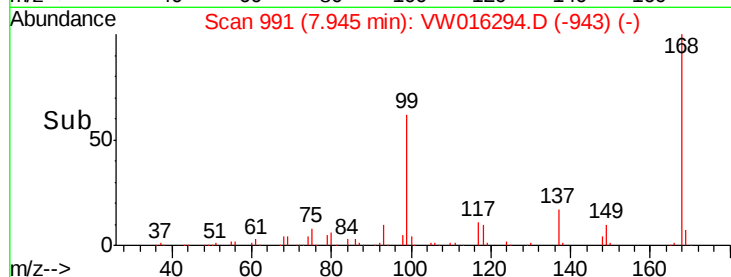
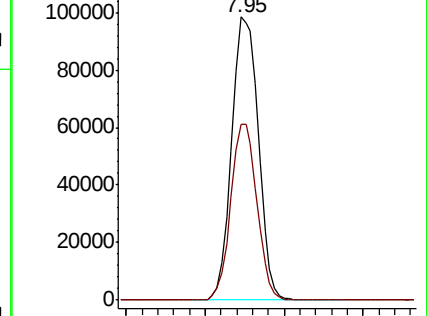
168 100

99 62.3 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: 5.636 ug/l

RT: 5.15 min Scan# 532

Delta R.T. -0.08 min

Lab File: VW016294.D

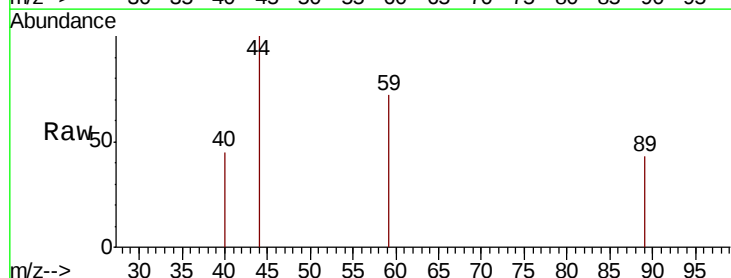
Acq: 21 Aug 2020 05:50

Tgt Ion: 59 Resp: 678

Ion Ratio Lower Upper

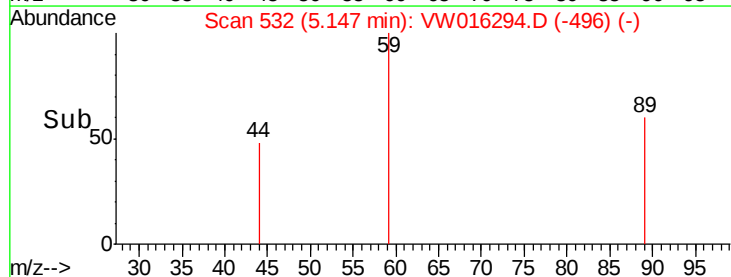
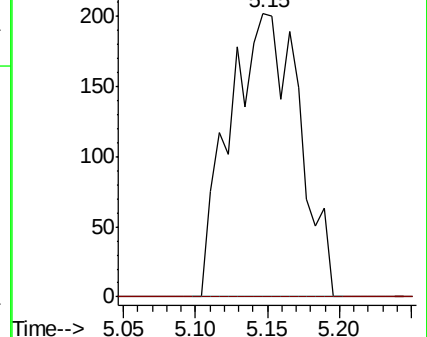
59 100

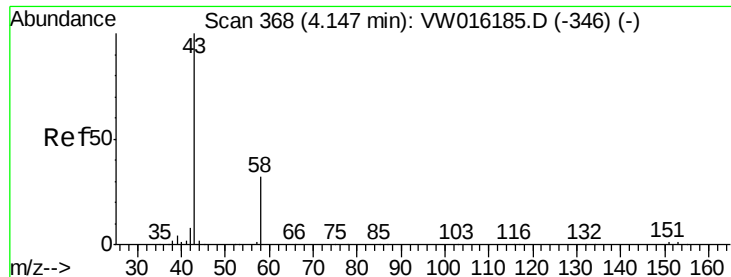
57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

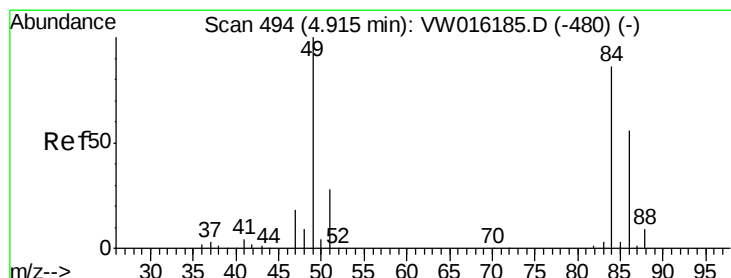
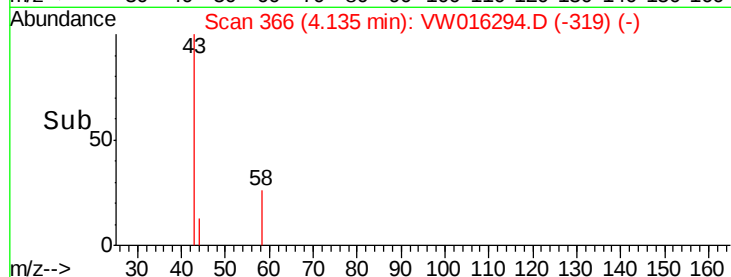
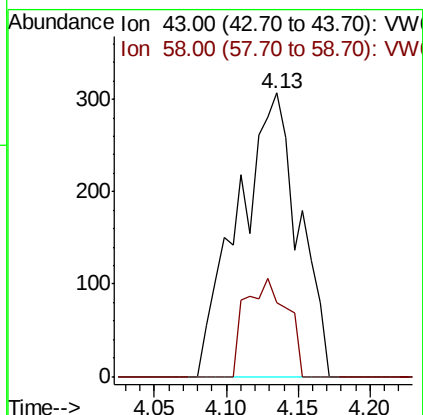
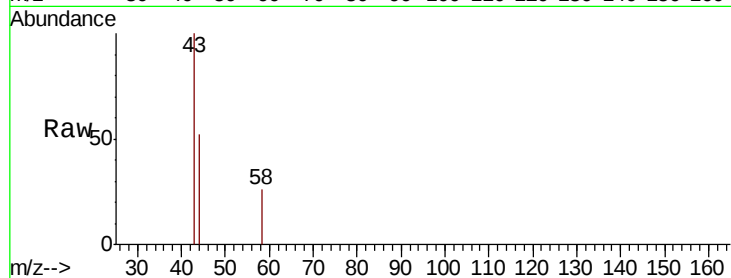




#16
Acetone
Concen: 2.074 ug/l
RT: 4.13 min Scan# 366
Delta R.T. -0.01 min
Lab File: VW016294.D
Acq: 21 Aug 2020 05:50

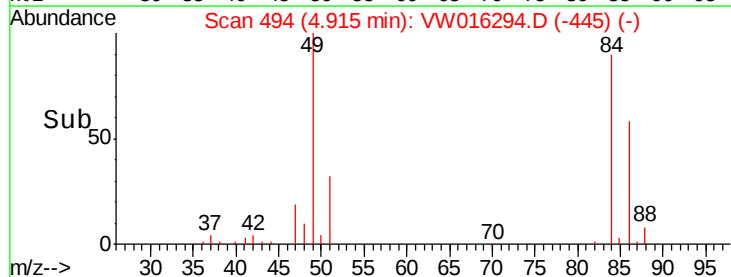
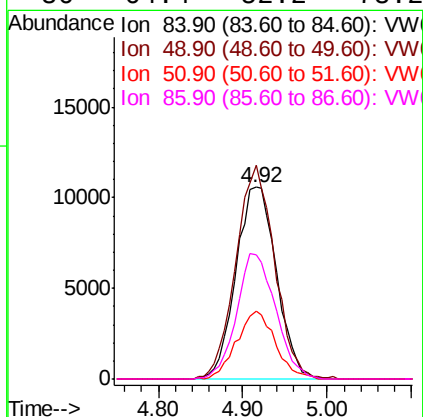
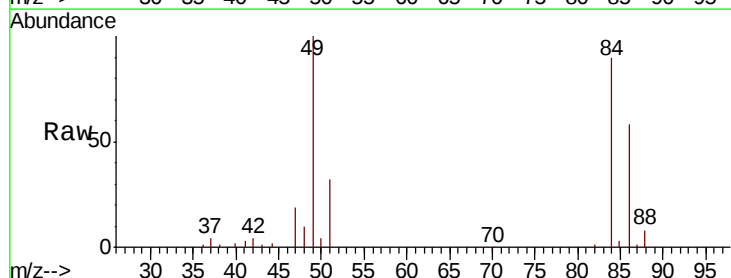
Instrument :
MSVOA_W
ClientSampleId :
SB-4-(3-4)

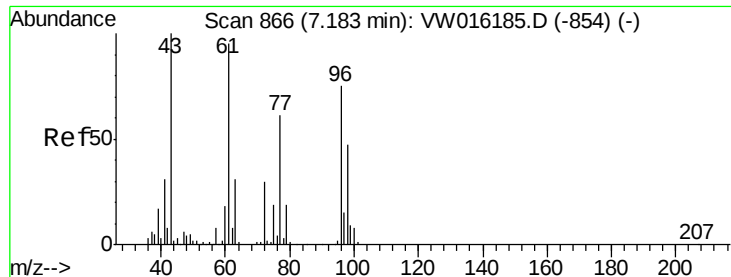
Tot Ion: 43 Resp: 898
Ion Ratio Lower Upper
43 100
58 26.1 25.8 38.6



#20
Methylene Chloride
Concen: 8.765 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW016294.D
Acq: 21 Aug 2020 05:50

Tgt Ion: 84 Resp: 34540
Ion Ratio Lower Upper
84 100
49 111.3 93.4 140.2
51 35.7 26.6 40.0
86 64.4 52.2 78.2





#25

2-Butanone

Concen: 2.233 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.05 min

Lab File: VW016294.D

Acq: 21 Aug 2020 05:50

Instrument :

MSVOA_W

ClientSampleId :

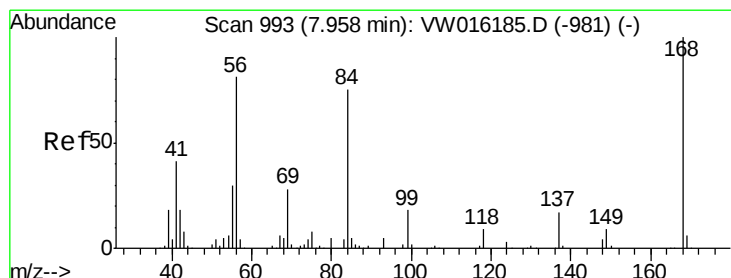
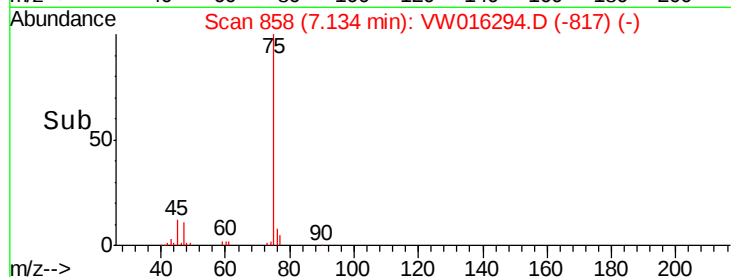
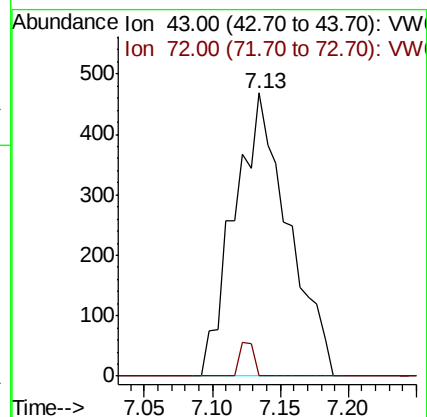
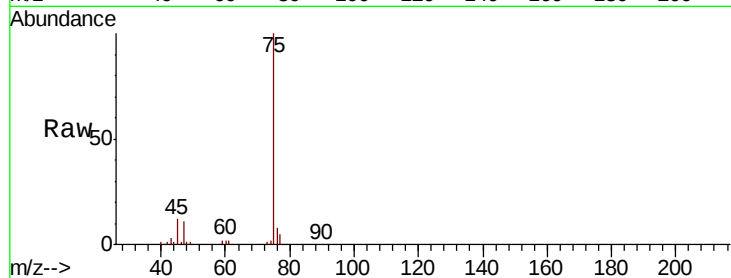
SB-4-(3-4)

Tot Ion: 43 Resp: 1296

Ion Ratio Lower Upper

43 100

72 0.0 24.2 36.2#



#31

Cyclohexane

Concen: 1.014 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW016294.D

Acq: 21 Aug 2020 05:50

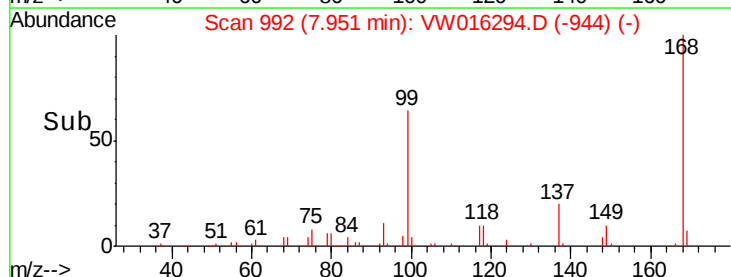
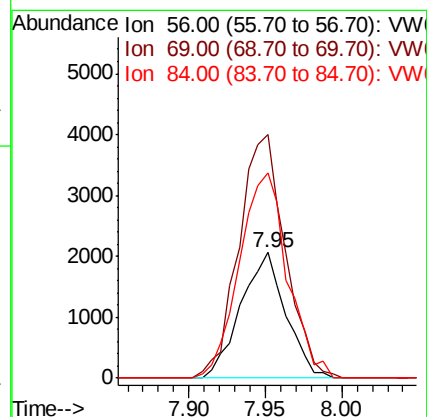
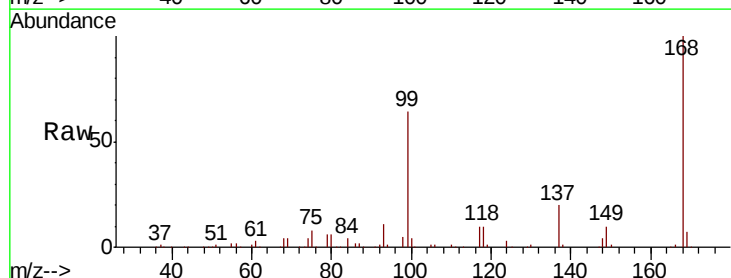
Tgt Ion: 56 Resp: 4184

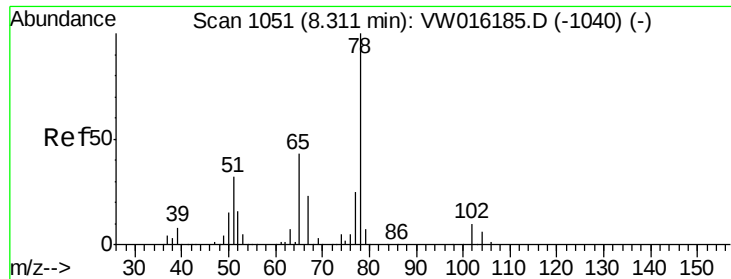
Ion Ratio Lower Upper

56 100

69 193.7 27.3 40.9#

84 163.4 73.5 110.3#





#33

1,2-Dichloroethane-d4

Concen: 53.395 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW016294.D

Acq: 21 Aug 2020 05:50

Instrument :

MSVOA_W

ClientSampleId :

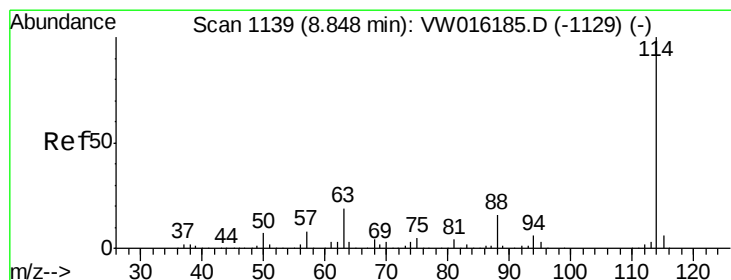
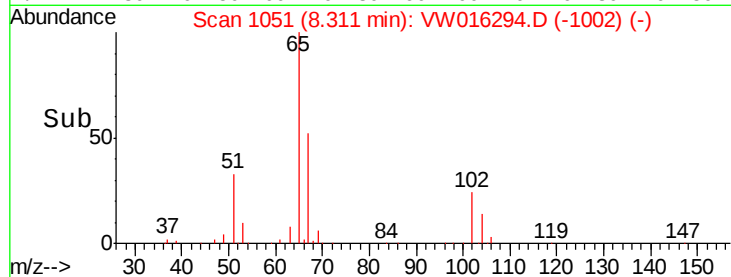
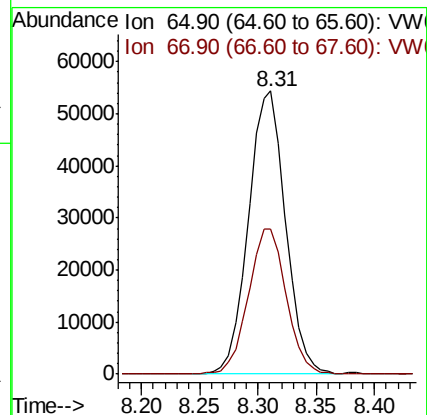
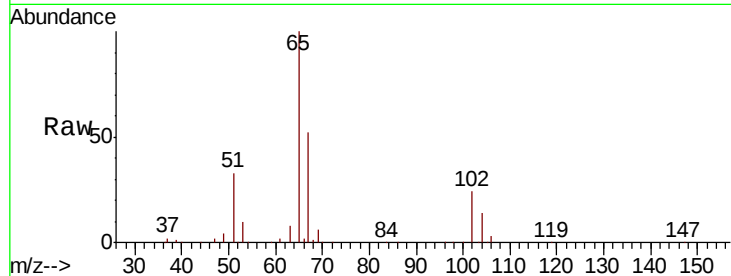
SB-4-(3-4)

Tot Ion: 65 Resp: 120701

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW016294.D

Acq: 21 Aug 2020 05:50

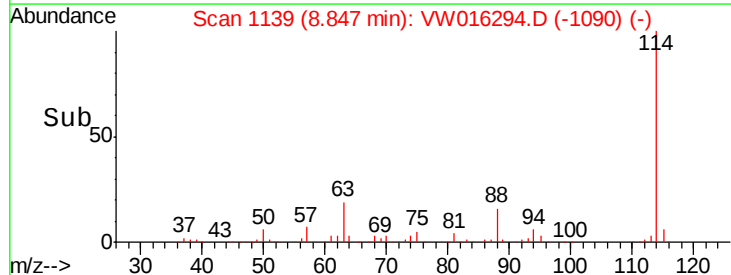
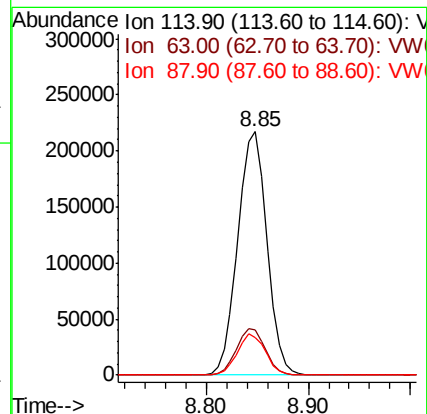
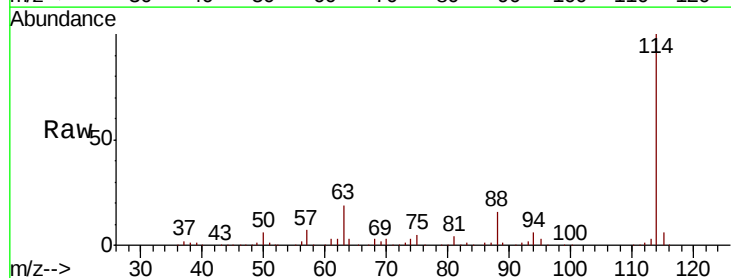
Tgt Ion: 114 Resp: 429545

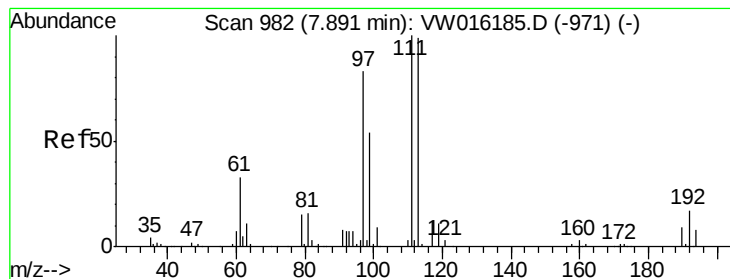
Ion Ratio Lower Upper

114 100

63 18.6 0.0 38.4

88 15.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.131 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW016294.D

Acq: 21 Aug 2020 05:50

Instrument :

MSVOA_W

ClientSampled :

SB-4-(3-4)

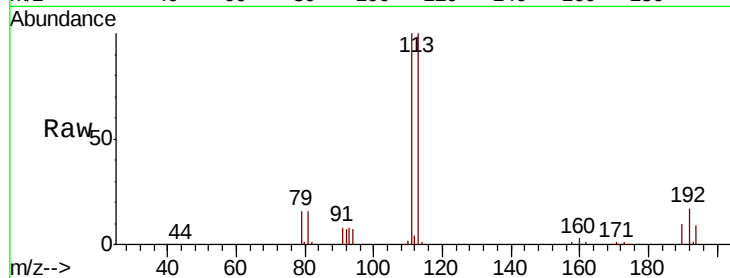
Tot Ion:113 Resp: 127564

Ion Ratio Lower Upper

113 100

111 103.0 83.5 125.3

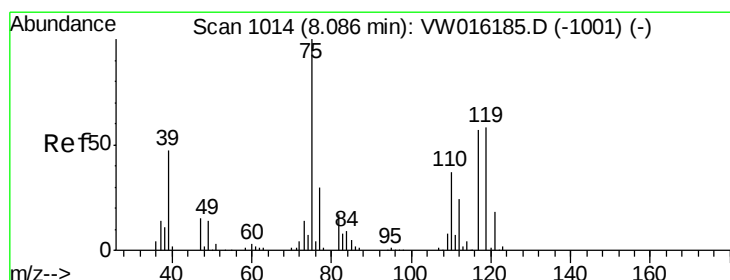
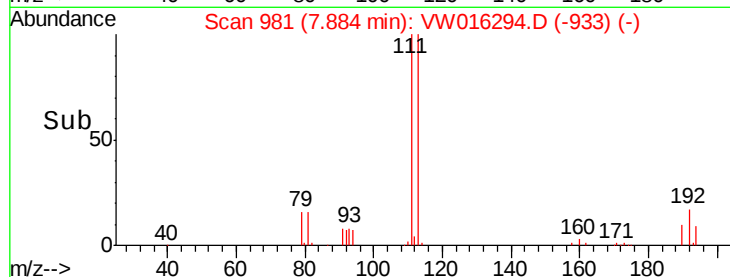
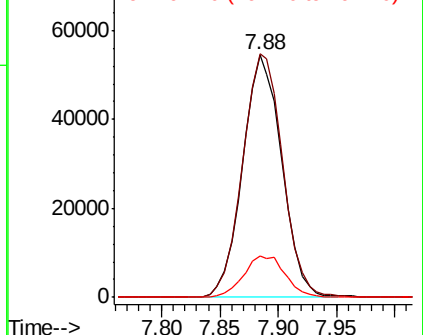
192 18.3 14.3 21.5



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: 4.155 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW016294.D

Acq: 21 Aug 2020 05:50

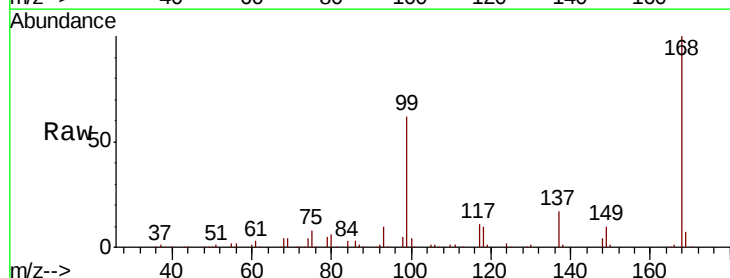
Tgt Ion: 75 Resp: 17582

Ion Ratio Lower Upper

75 100

110 8.6 18.1 54.3#

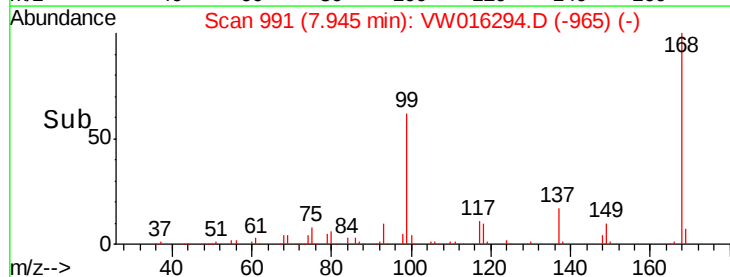
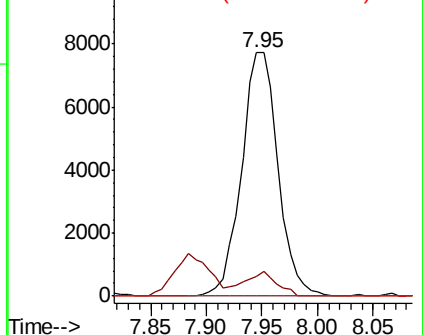
77 0.0 24.7 37.1#

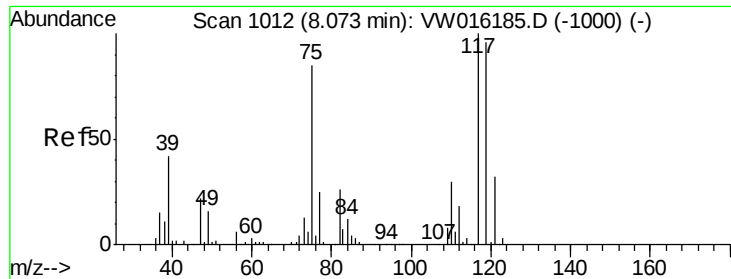


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 5.749 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW016294.D

Acq: 21 Aug 2020 05:50

Instrument :

MSVOA_W

ClientSampleId :

SB-4-(3-4)

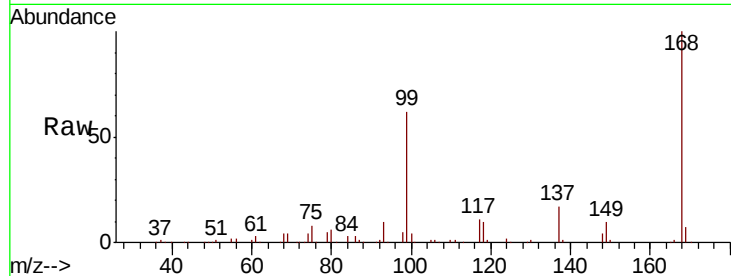
Tot Ion:117 Resp: 24278

Ion Ratio Lower Upper

117 100

119 5.4 76.6 115.0#

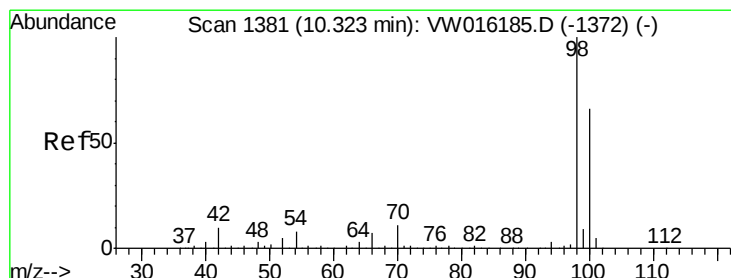
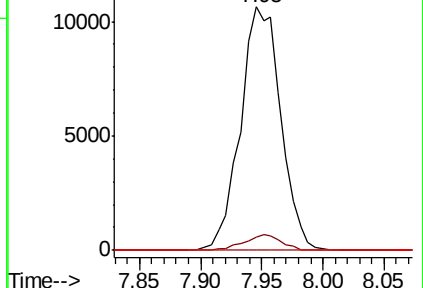
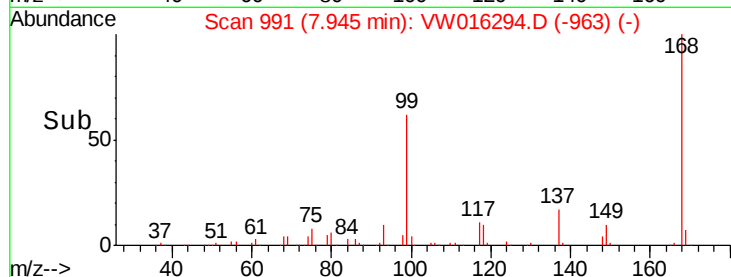
121 0.0 25.4 38.0#



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: 51.299 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW016294.D

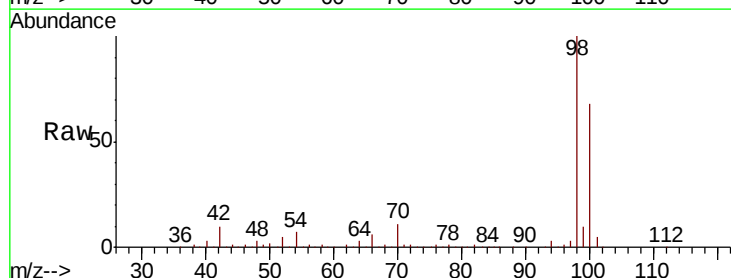
Acq: 21 Aug 2020 05:50

Tgt Ion: 98 Resp: 526278

Ion Ratio Lower Upper

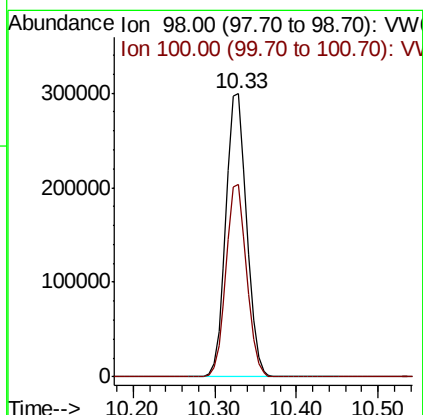
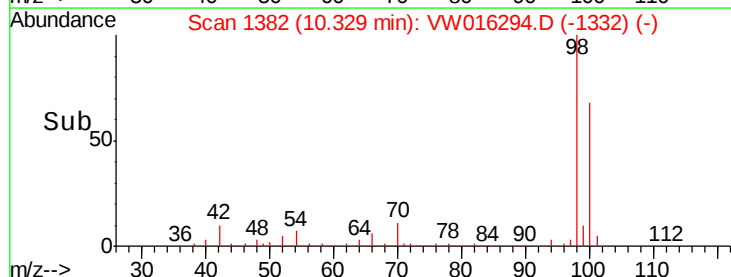
98 100

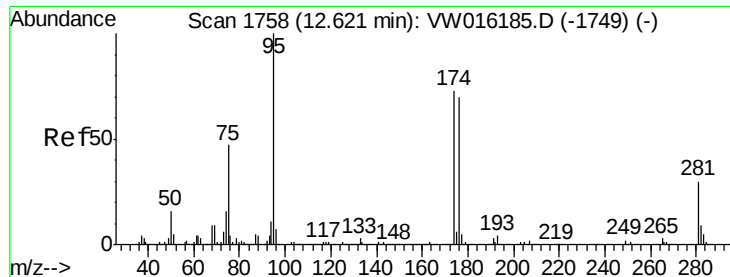
100 67.2 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

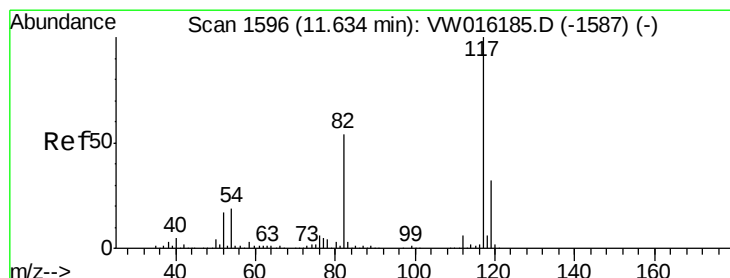
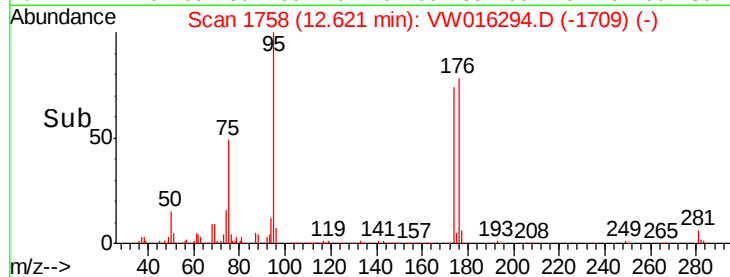
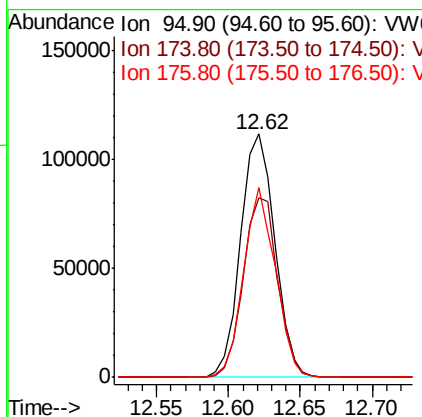
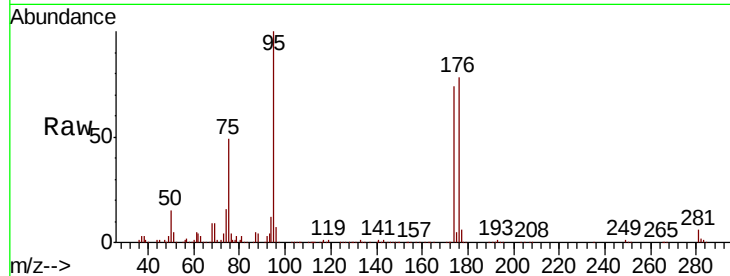




#62
4-Bromofluorobenzene
Concen: 50.186 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW016294.D
Acq: 21 Aug 2020 05:50

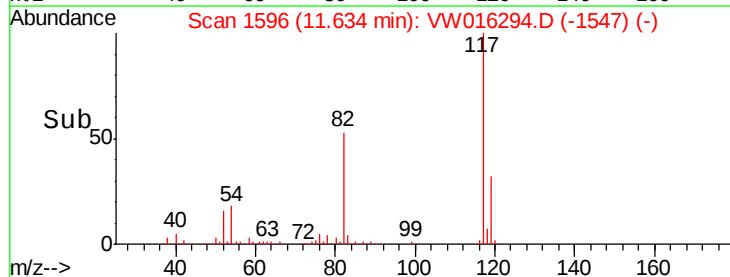
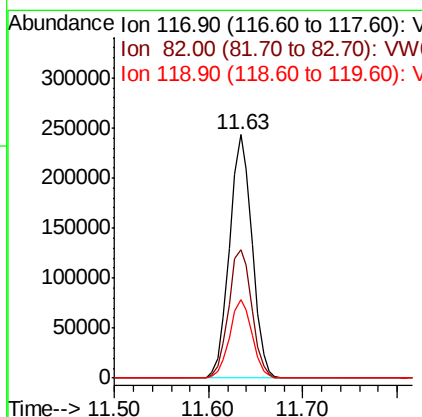
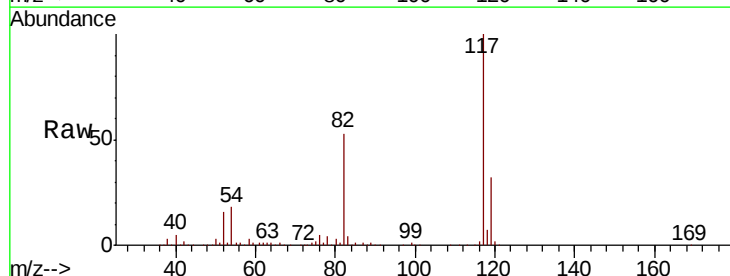
Instrument :
MSVOA_W
ClientSampleId :
SB-4-(3-4)

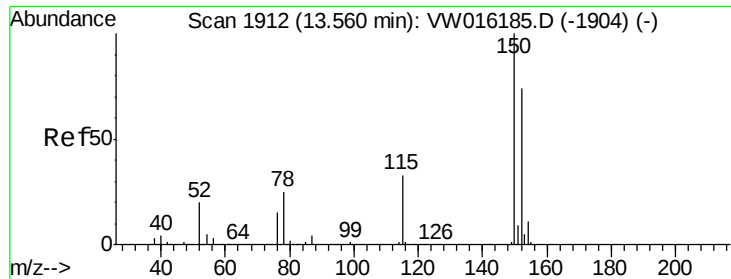
Tot Ion	95	Resp	184037
Ion Ratio	Lower	Upper	
95	100		
174	74.3	0.0	145.6
176	72.3	0.0	137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW016294.D
Acq: 21 Aug 2020 05:50

Tgt Ion	117	Resp	404414
Ion Ratio	Lower	Upper	
117	100		
82	52.9	43.6	65.4
119	32.0	25.4	38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW016294.D

Acq: 21 Aug 2020 05:50

Instrument :

MSVOA_W

ClientSampleId :

SB-4-(3-4)

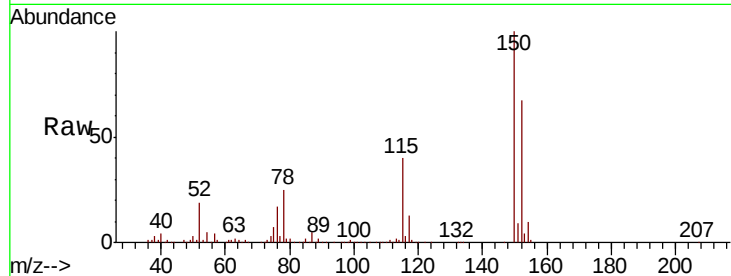
Tot Ion:152 Resp: 162826

Ion Ratio Lower Upper

152 100

115 63.5 30.9 92.5

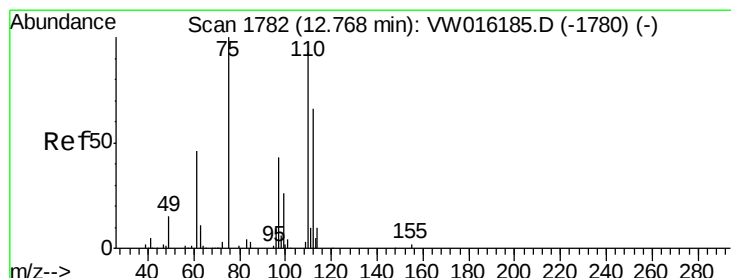
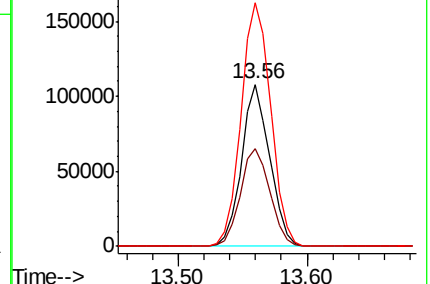
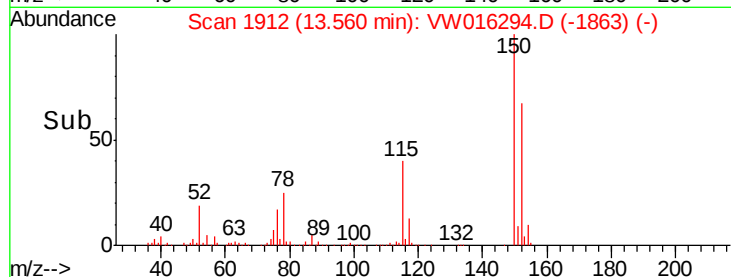
150 158.3 0.0 337.8



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: 59.089 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW016294.D

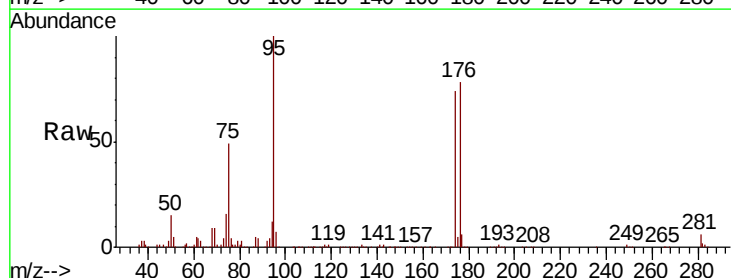
Acq: 21 Aug 2020 05:50

Tgt Ion: 75 Resp: 88484

Ion Ratio Lower Upper

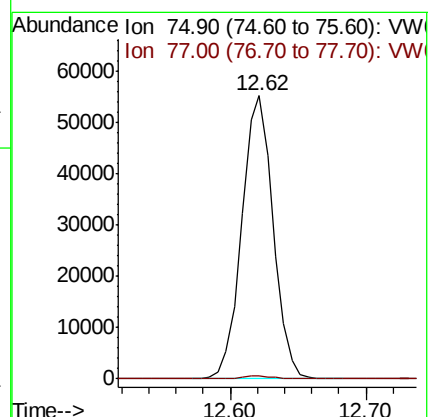
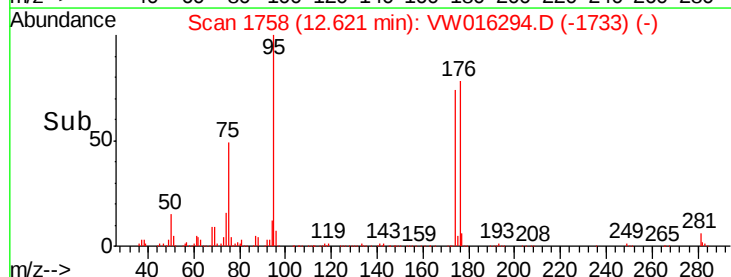
75 100

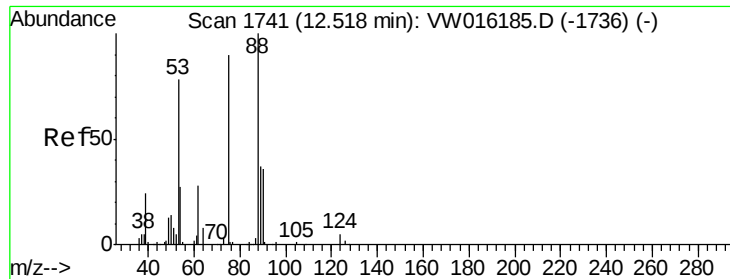
77 1.2 173.6 520.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

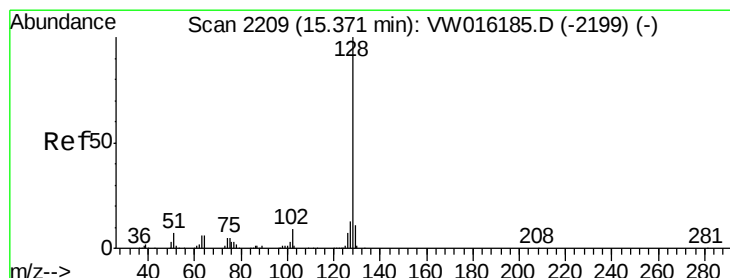
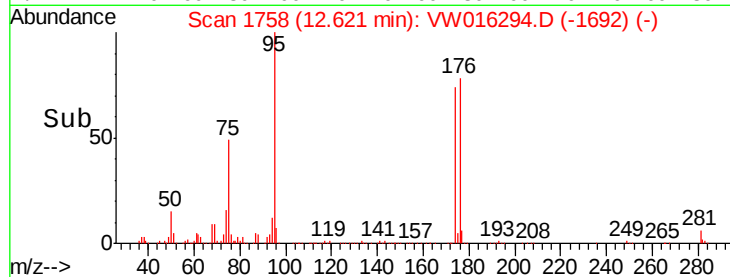
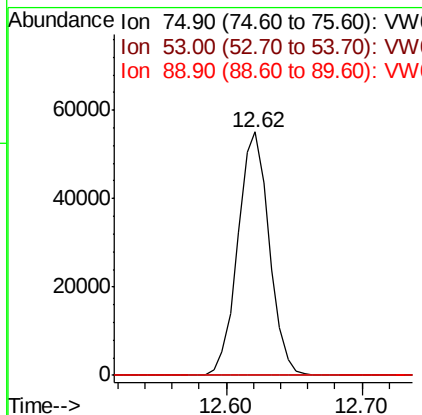
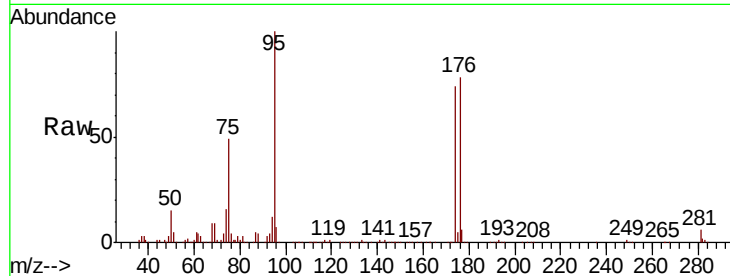




#81
trans-1,4-Dichloro-2-butene
Concen: 141.733 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.10 min
Lab File: VW016294.D
Acq: 21 Aug 2020 05:50

Instrument :
MSVOA_W
ClientSampled :
SB-4-(3-4)

Tot Ion: 75 Resp: 88484
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 3.625 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW016294.D
Acq: 21 Aug 2020 05:50

Tgt Ion: 128 Resp: 305
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.7 13.1#

