

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070119\
 Data File : VW011087.D
 Acq On : 01 Jul 2019 16:15
 Operator : SY/VA
 Sample : K3555-05RE
 Misc : 6.96G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SAMPLE-18

Quant Time: Jul 02 08:36:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	190154	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	331357	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	277417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	118251	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	133184	53.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.16%	
35) Dibromofluoromethane	7.88	113	100854	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
50) Toluene-d8	10.32	98	411500	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
62) 4-Bromofluorobenzene	12.62	95	134036	44.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.00%	

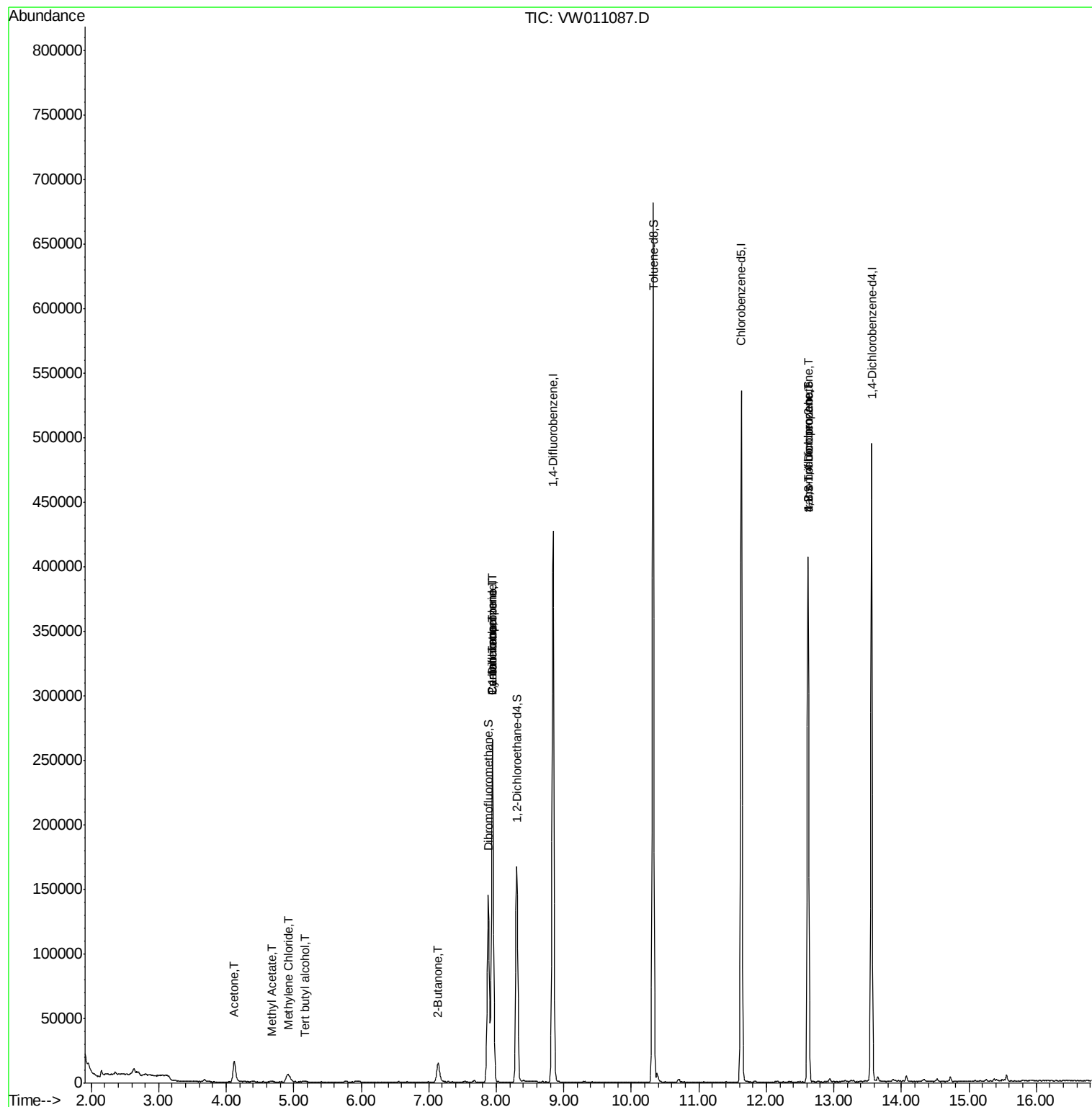
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	446	2.470	ug/l #	71
16) Acetone	4.12	43	29987	49.420	ug/l	97
18) Methyl Acetate	4.68	43	1894	1.205	ug/l	92
20) Methylene Chloride	4.92	84	5206	2.112	ug/l	92
25) 2-Butanone	7.14	43	2089	2.265	ug/l	94
31) Cyclohexane	7.94	56	5249	1.104	ug/l #	5
36) 1,1-Dichloropropene	7.95	75	16850	4.731	ug/l #	52
38) Carbon Tetrachloride	7.95	117	19113	6.517	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	72655	58.197	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	72655	117.771	ug/l #	3

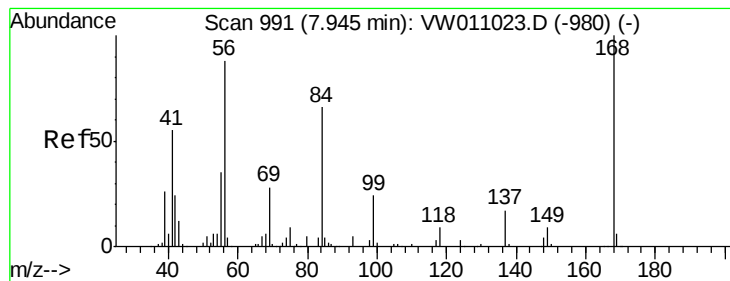
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 28 01:55:46 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011087.D

Acq: 01 Jul 2019 16:15

Instrument :

MSVOA_W

ClientSampleId :

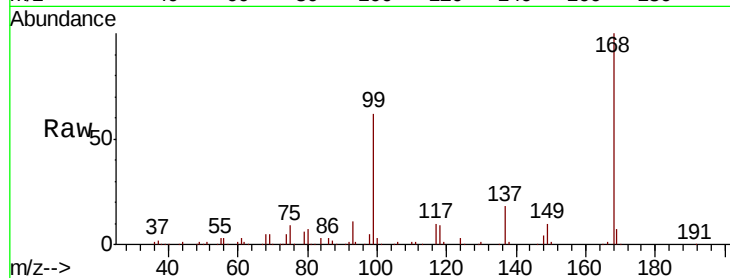
SAMPLE-18

Tot Ion:168 Resp: 190154

Ion Ratio Lower Upper

168 100

99 62.2 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

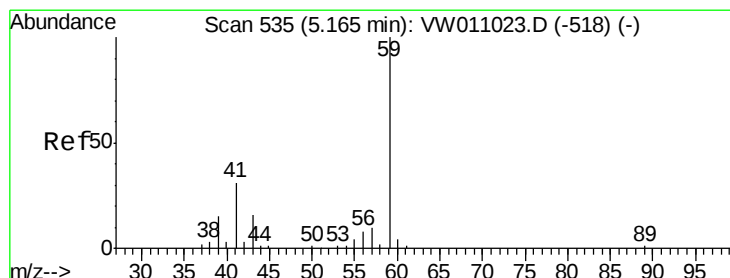
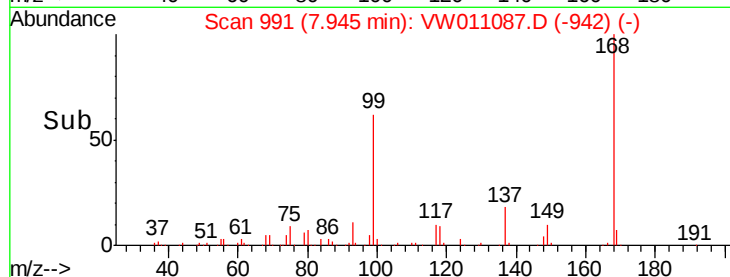
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 2.470 ug/l

RT: 5.17 min Scan# 535

Delta R.T. -0.00 min

Lab File: VW011087.D

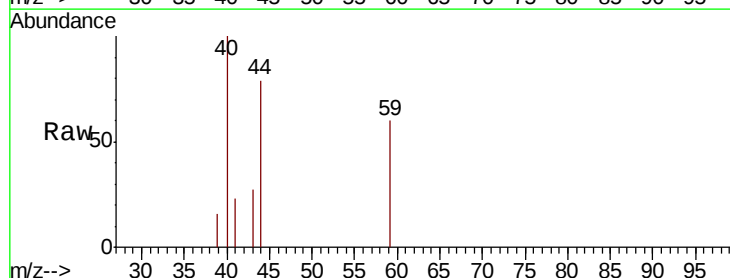
Acq: 01 Jul 2019 16:15

Tgt Ion: 59 Resp: 446

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

250

200

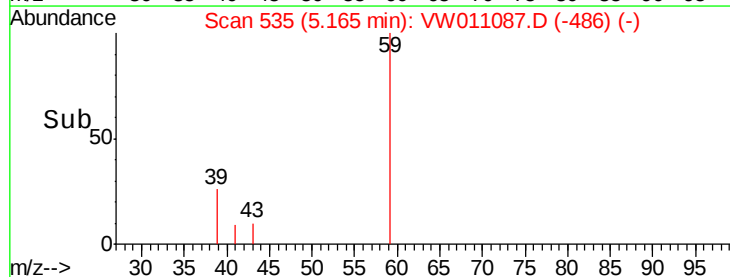
150

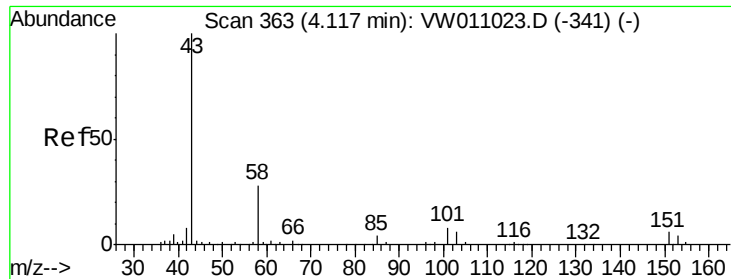
100

50

0

Time--> 5.15 5.20

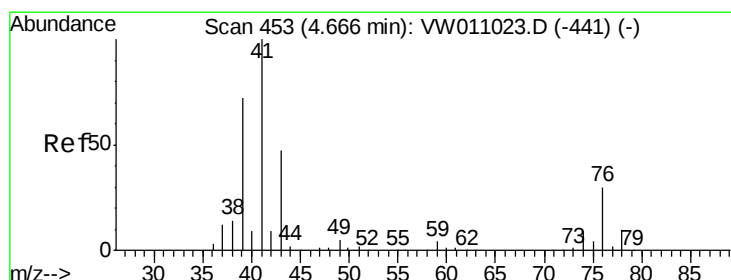
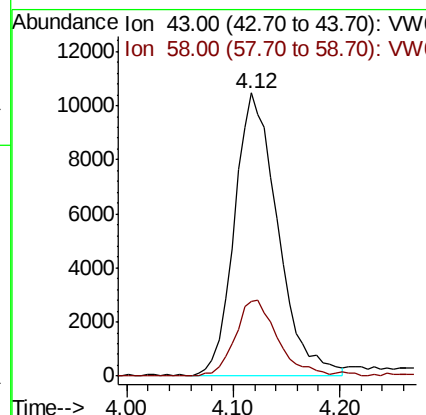
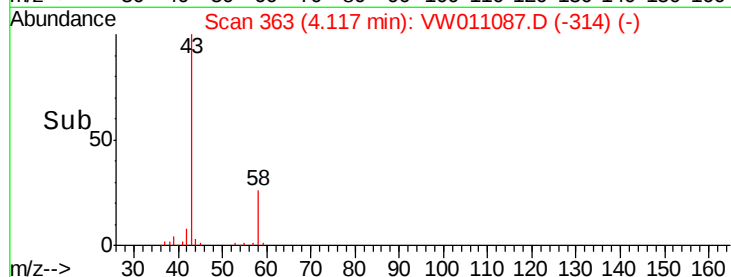
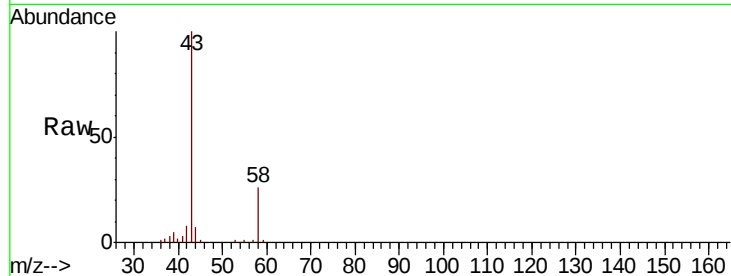




#16
Acetone
Concen: 49.420 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW011087.D
Acq: 01 Jul 2019 16:15

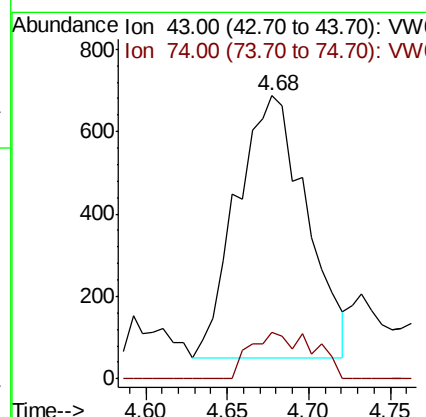
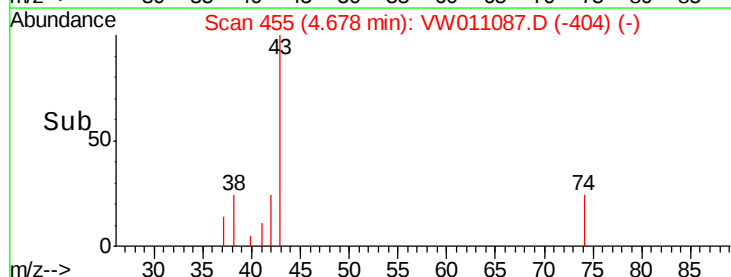
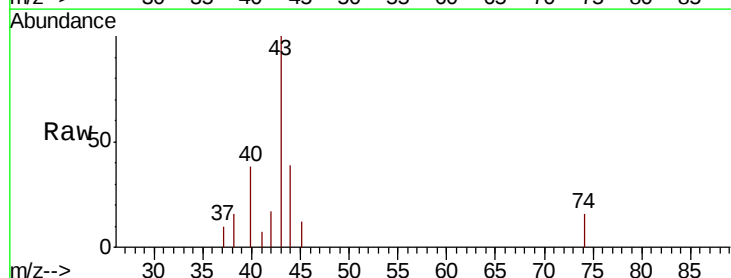
Instrument :
MSVOA_W
ClientSampleId :
SAMPLE-18

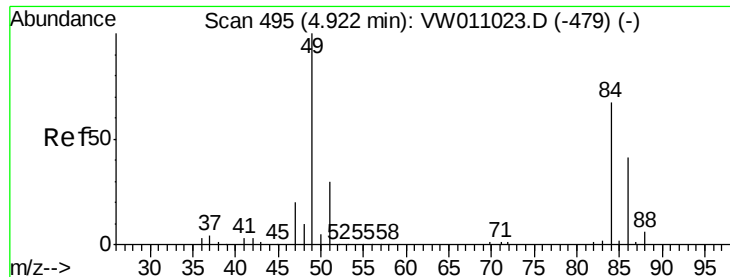
Tot Ion: 43 Resp: 29987
Ion Ratio Lower Upper
43 100
58 26.3 22.5 33.7



#18
Methyl Acetate
Concen: 1.205 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW011087.D
Acq: 01 Jul 2019 16:15

Tgt Ion: 43 Resp: 1894
Ion Ratio Lower Upper
43 100
74 16.2 15.8 23.8

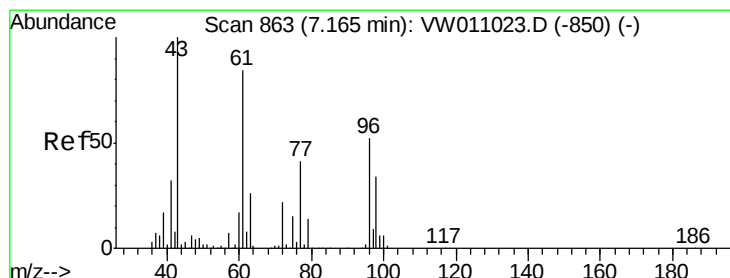
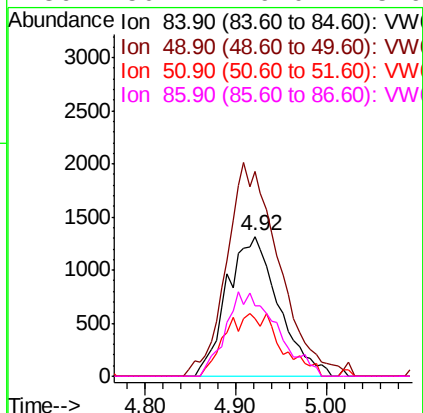
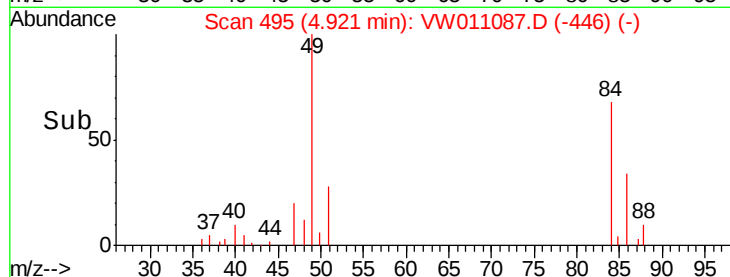
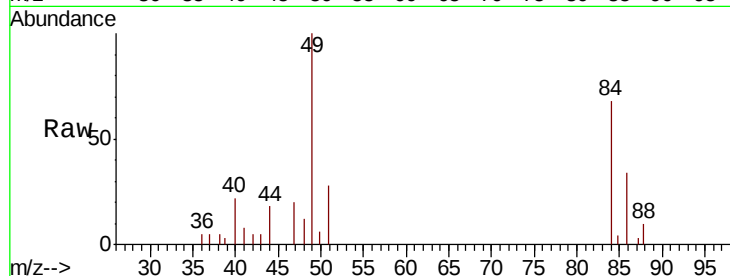




#20
Methvlene Chloride
Concen: 2.112 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW011087.D
Acq: 01 Jul 2019 16:15

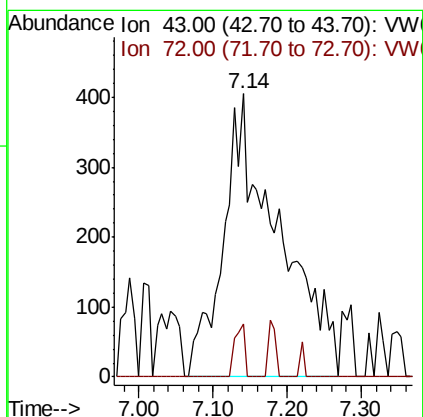
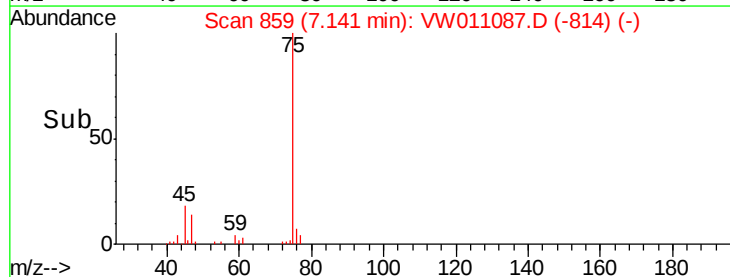
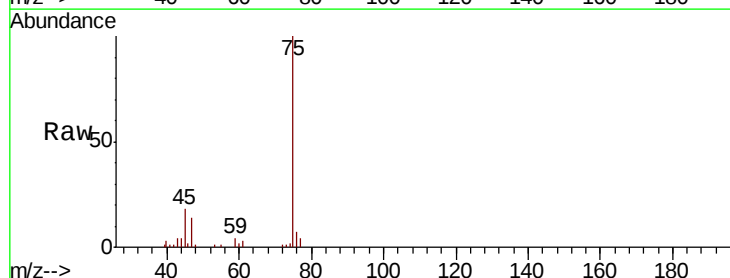
Instrument :
MSVOA_W
ClientSampleId :
SAMPLE-18

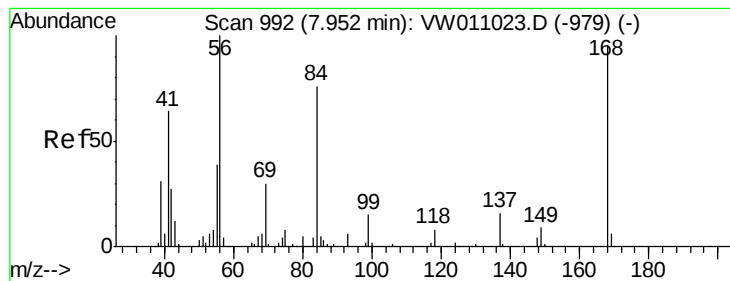
Tot Ion: 84 Resp: 5206
Ion Ratio Lower Upper
84 100
49 142.4 119.6 179.4
51 41.2 35.6 53.4
86 50.7 49.0 73.6



#25
2-Butanone
Concen: 2.265 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: VW011087.D
Acq: 01 Jul 2019 16:15

Tgt Ion: 43 Resp: 2089
Ion Ratio Lower Upper
43 100
72 18.8 17.2 25.8





#31

Cyclohexane

Concen: 1.104 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW011087.D

Acq: 01 Jul 2019 16:15

Instrument :

MSVOA_W

ClientSampleID :

SAMPLE-18

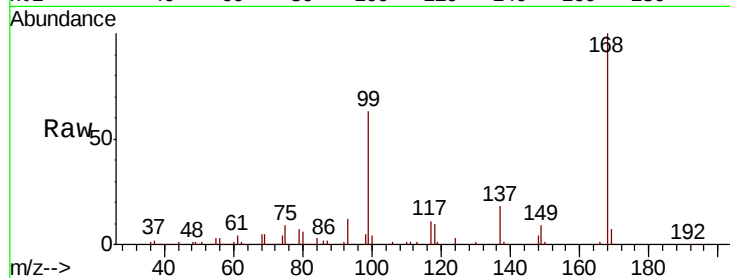
Tot Ion: 56 Resp: 5249

Ion Ratio Lower Upper

56 100

69 152.2 24.2 36.2#

84 112.8 60.6 90.8#

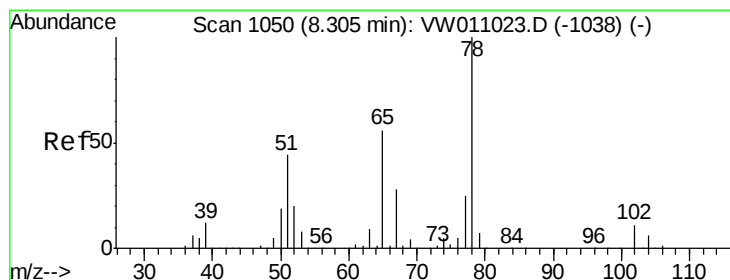
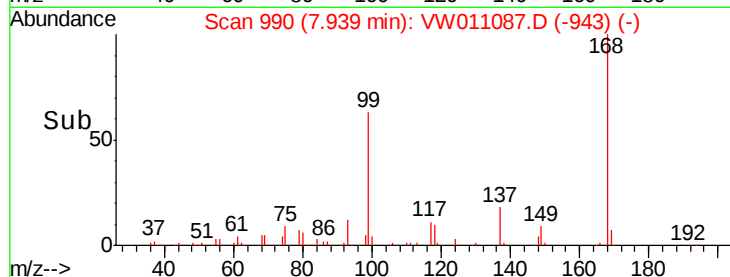
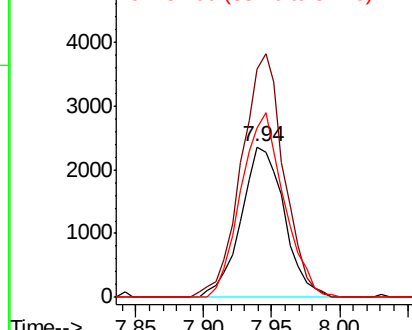


Abundance

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: 53.577 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011087.D

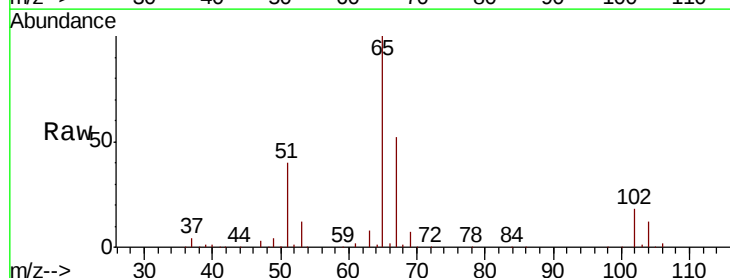
Acq: 01 Jul 2019 16:15

Tgt Ion: 65 Resp: 133184

Ion Ratio Lower Upper

65 100

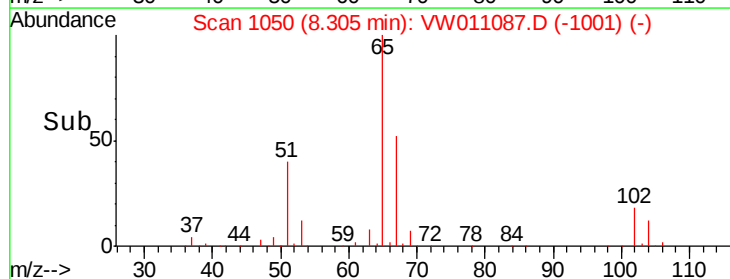
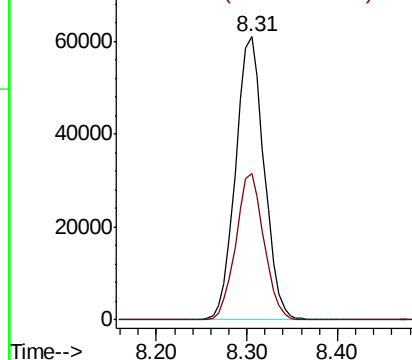
67 51.1 0.0 102.4

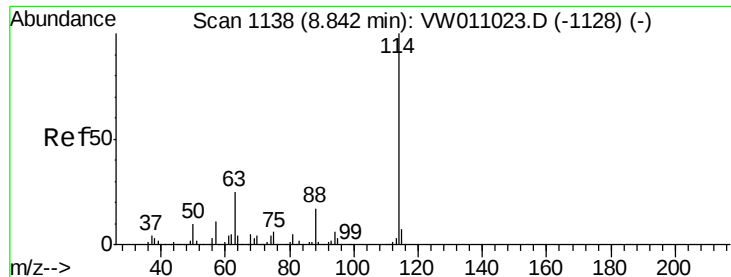


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

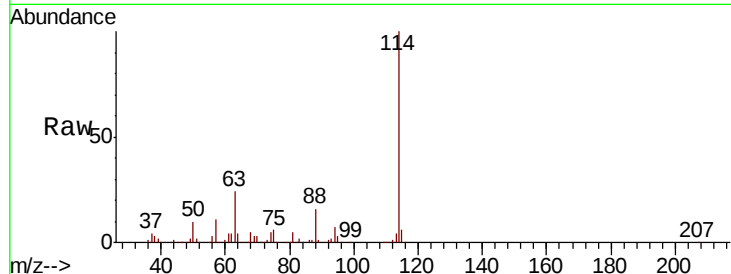




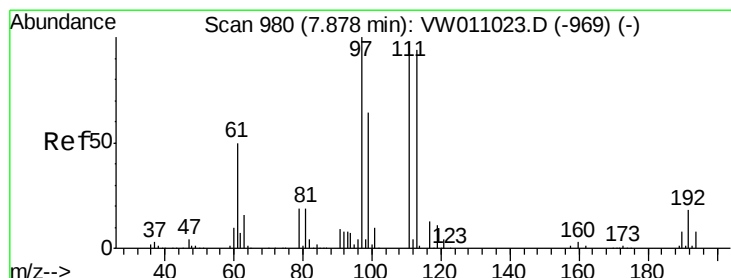
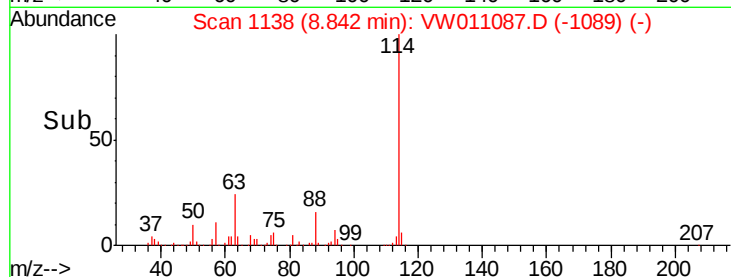
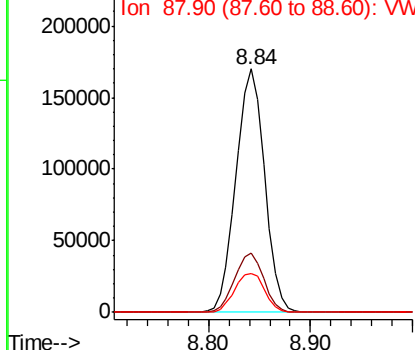
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011087.D
 Acq: 01 Jul 2019 16:15

Instrument :
 MSVOA_W
 ClientSampleId :
 SAMPLE-18

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.5	0.0	50.6
88	16.0	0.0	34.0

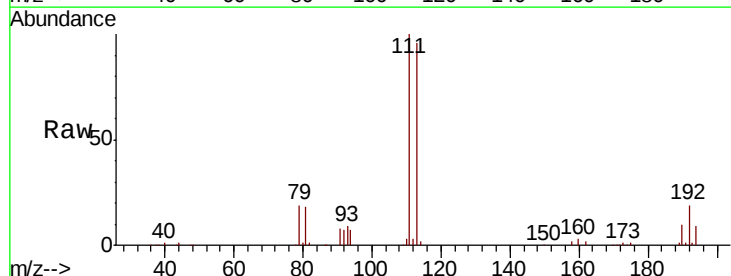


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

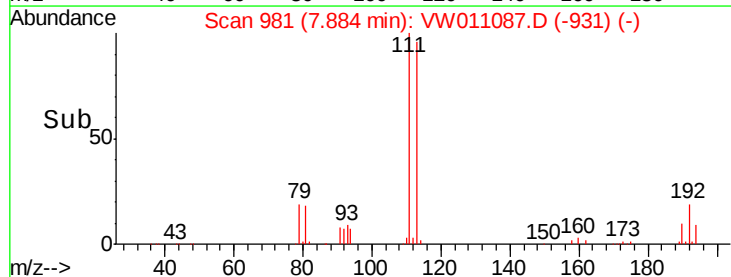
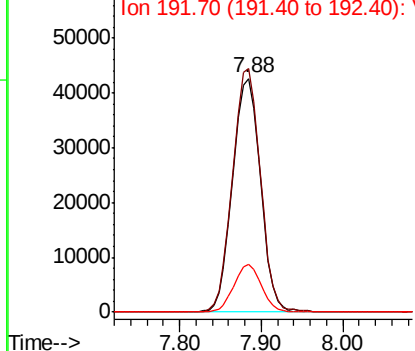


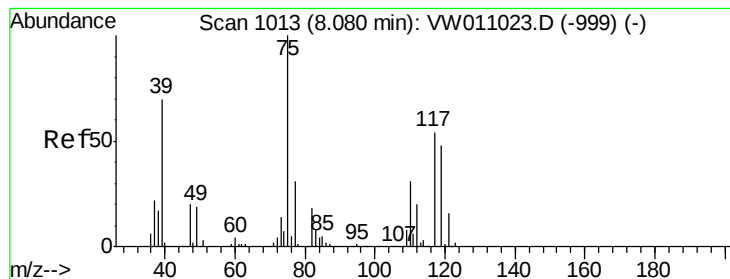
#35
 Dibromofluoromethane
 Concen: 49.844 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW011087.D
 Acq: 01 Jul 2019 16:15

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.8	125.6
192	20.1	16.0	24.0



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: 4.731 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW011087.D

Acq: 01 Jul 2019 16:15

Instrument :

MSVOA_W

ClientSampleId :

SAMPLE-18

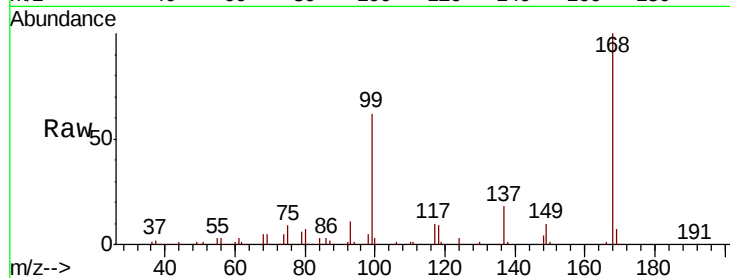
Tot Ion: 75 Resp: 16850

Ion Ratio Lower Upper

75 100

110 8.9 15.5 46.5#

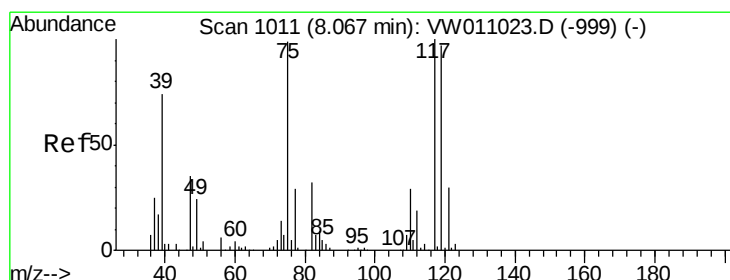
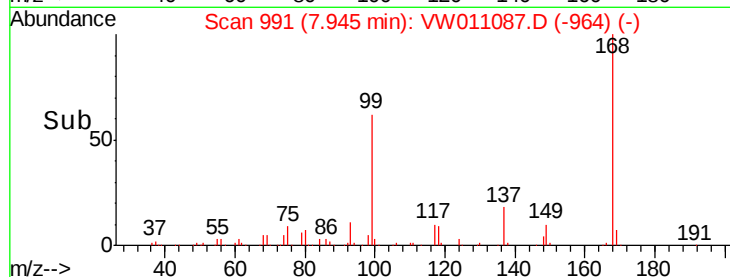
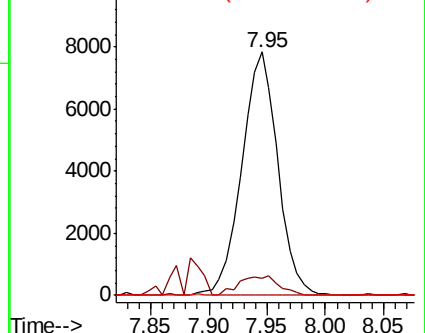
77 0.0 24.9 37.3#



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: 6.517 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW011087.D

Acq: 01 Jul 2019 16:15

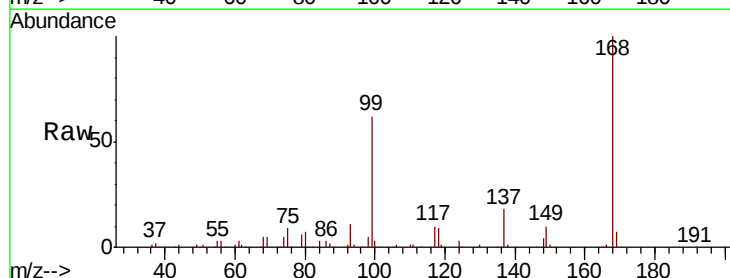
Tgt Ion: 117 Resp: 19113

Ion Ratio Lower Upper

117 100

119 5.6 77.7 116.5#

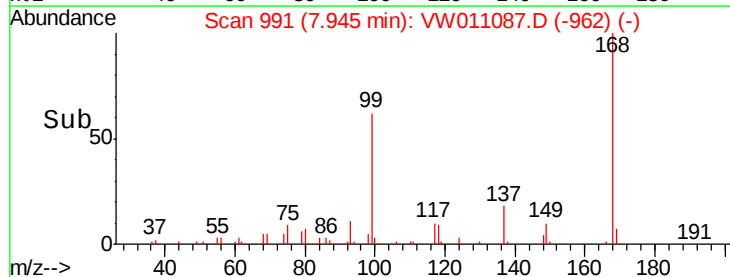
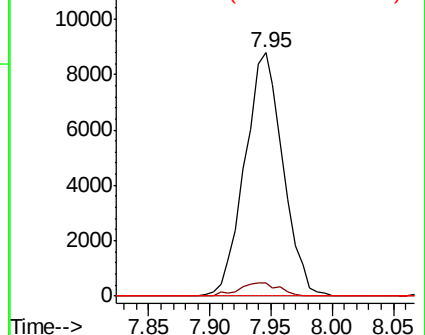
121 0.0 23.9 35.9#

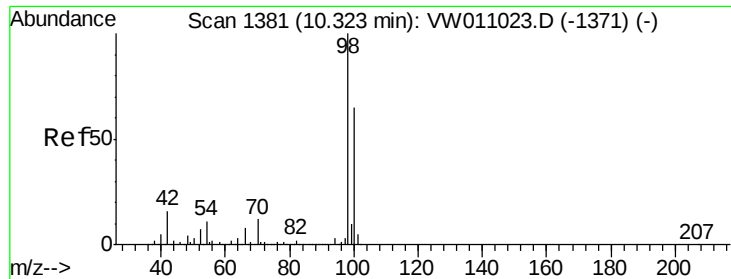


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

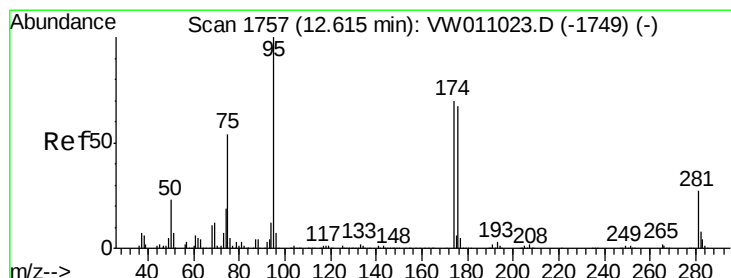
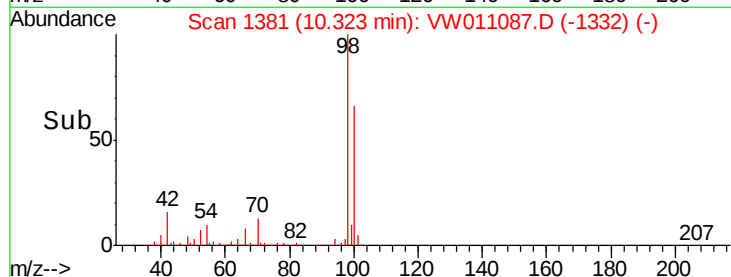
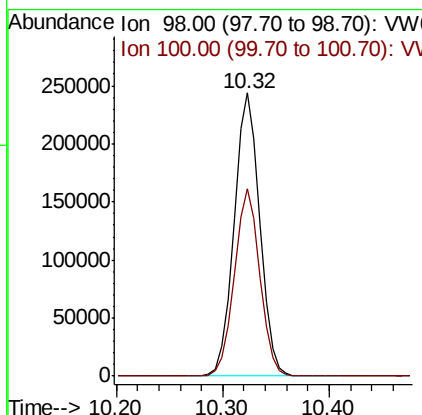
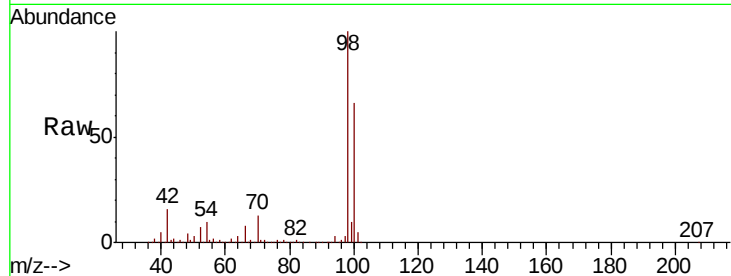




#50
Toluene-d8
Concen: 49.407 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011087.D
Acq: 01 Jul 2019 16:15

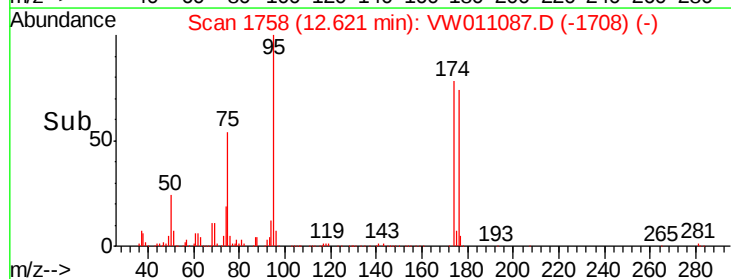
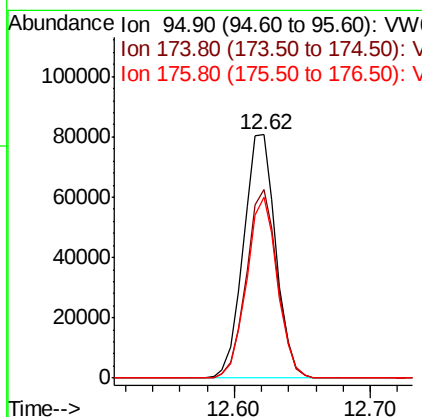
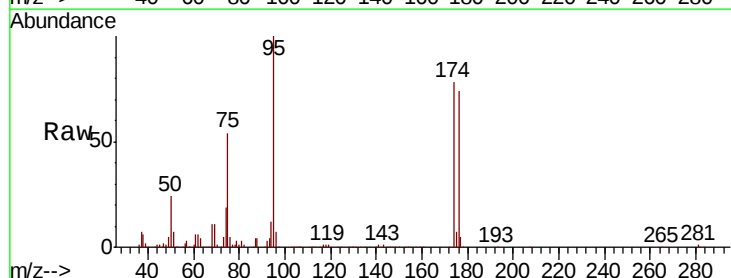
Instrument :
MSVOA_W
ClientSampleId :
SAMPLE-18

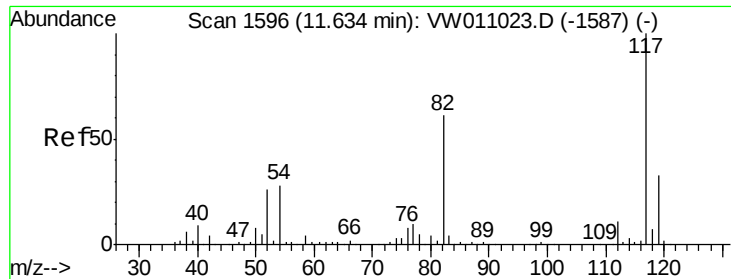
Tot Ion: 98 Resp: 411500
Ion Ratio Lower Upper
98 100
100 65.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 44.000 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW011087.D
Acq: 01 Jul 2019 16:15

Tgt Ion: 95 Resp: 134036
Ion Ratio Lower Upper
95 100
174 75.0 0.0 149.2
176 71.0 0.0 143.6

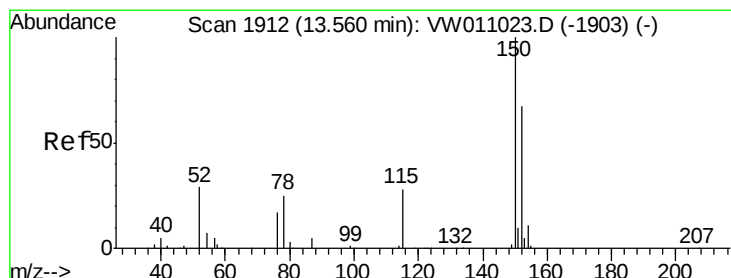
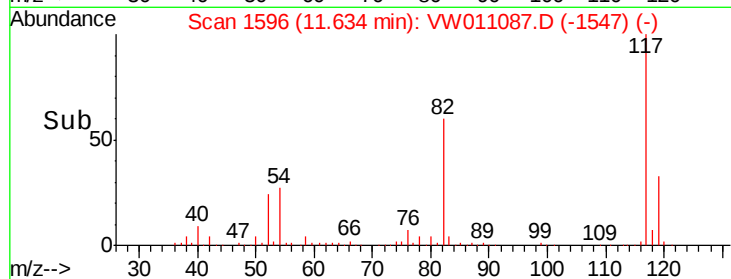
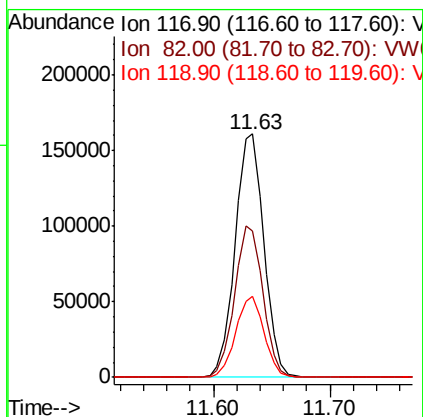
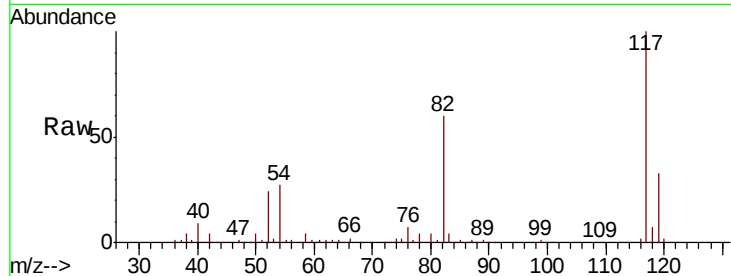




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011087.D
Acq: 01 Jul 2019 16:15

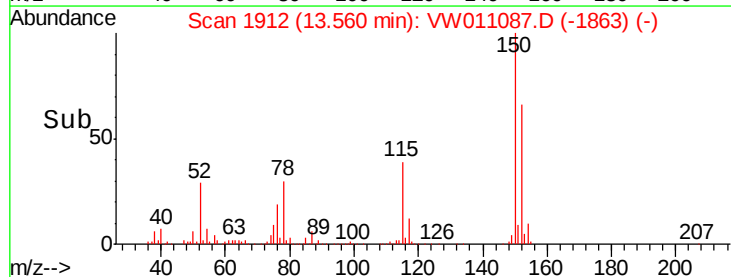
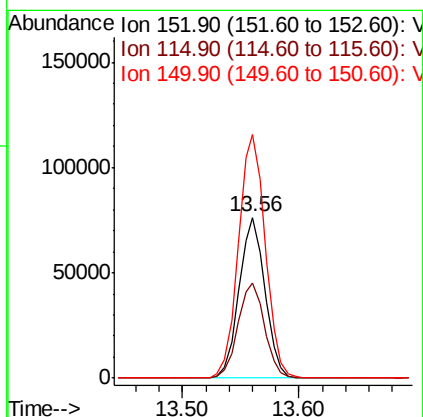
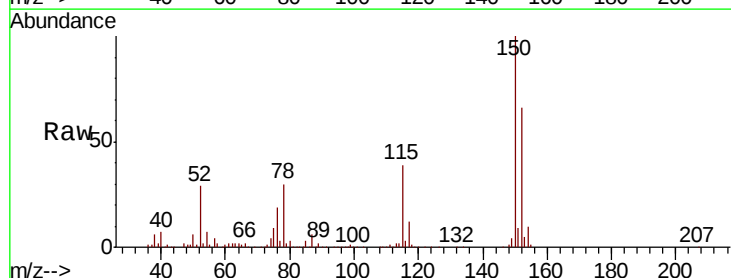
Instrument :
MSVOA_W
ClientSampled :
SAMPLE-18

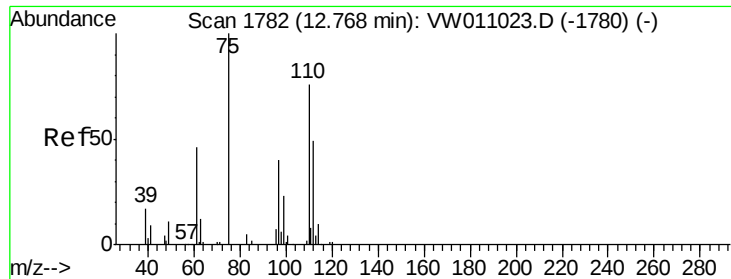
Tot Ion:117 Resp: 277417
Ion Ratio Lower Upper
117 100
82 60.2 48.6 73.0
119 33.3 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011087.D
Acq: 01 Jul 2019 16:15

Tgt Ion:152 Resp: 118251
Ion Ratio Lower Upper
152 100
115 60.6 30.7 92.1
150 156.5 0.0 341.8





#76

1,2,3-Trichloropropane

Concen: 58.197 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW011087.D

Acq: 01 Jul 2019 16:15

Instrument :

MSVOA_W

ClientSampleId :

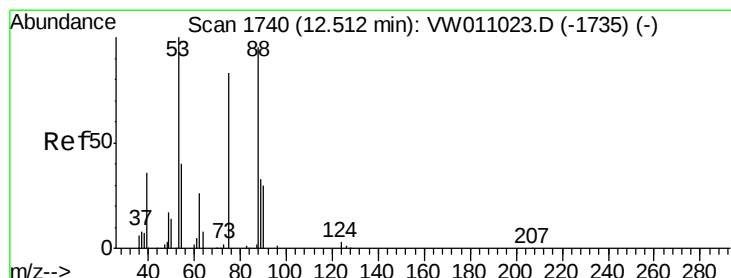
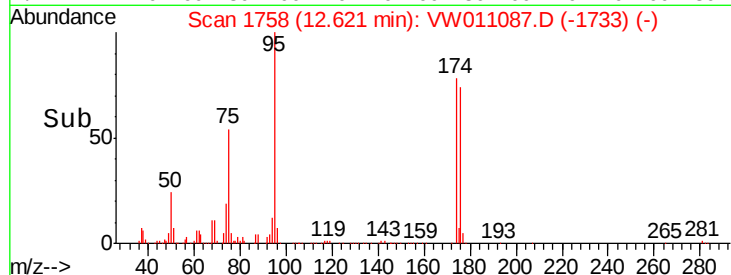
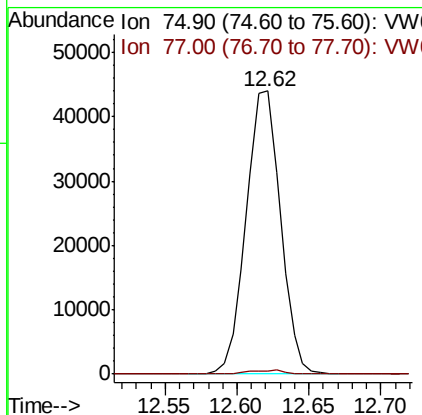
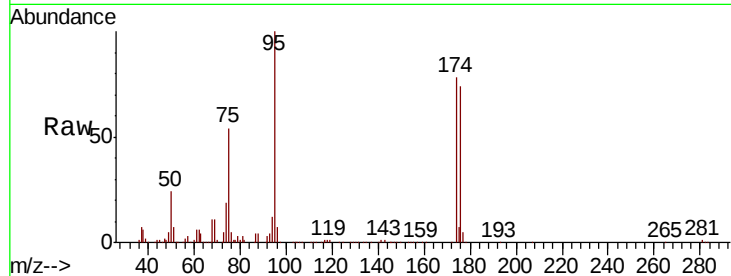
SAMPLE-18

Tot Ion: 75 Resp: 72655

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 117.771 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW011087.D

Acq: 01 Jul 2019 16:15

Tgt Ion: 75 Resp: 72655

Ion Ratio Lower Upper

75 100

53 0.1 95.6 143.4#

89 0.0 34.4 51.6#

