

Data File : VW012735.D
Acq On : 07 Sep 2019 22:03
Operator : SY/VA
Sample : K4554-40
Misc : 4.91G/5ML/MSVOA_W/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-8-(5-7)

Quant Time: Sep 08 05:15:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	201254	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	310396	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	280989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	126831	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	119622	53.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.40%	
35) Dibromofluoromethane	7.88	113	91705	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
50) Toluene-d8	10.32	98	369951	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
62) 4-Bromofluorobenzene	12.62	95	133685	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	

Target Compounds

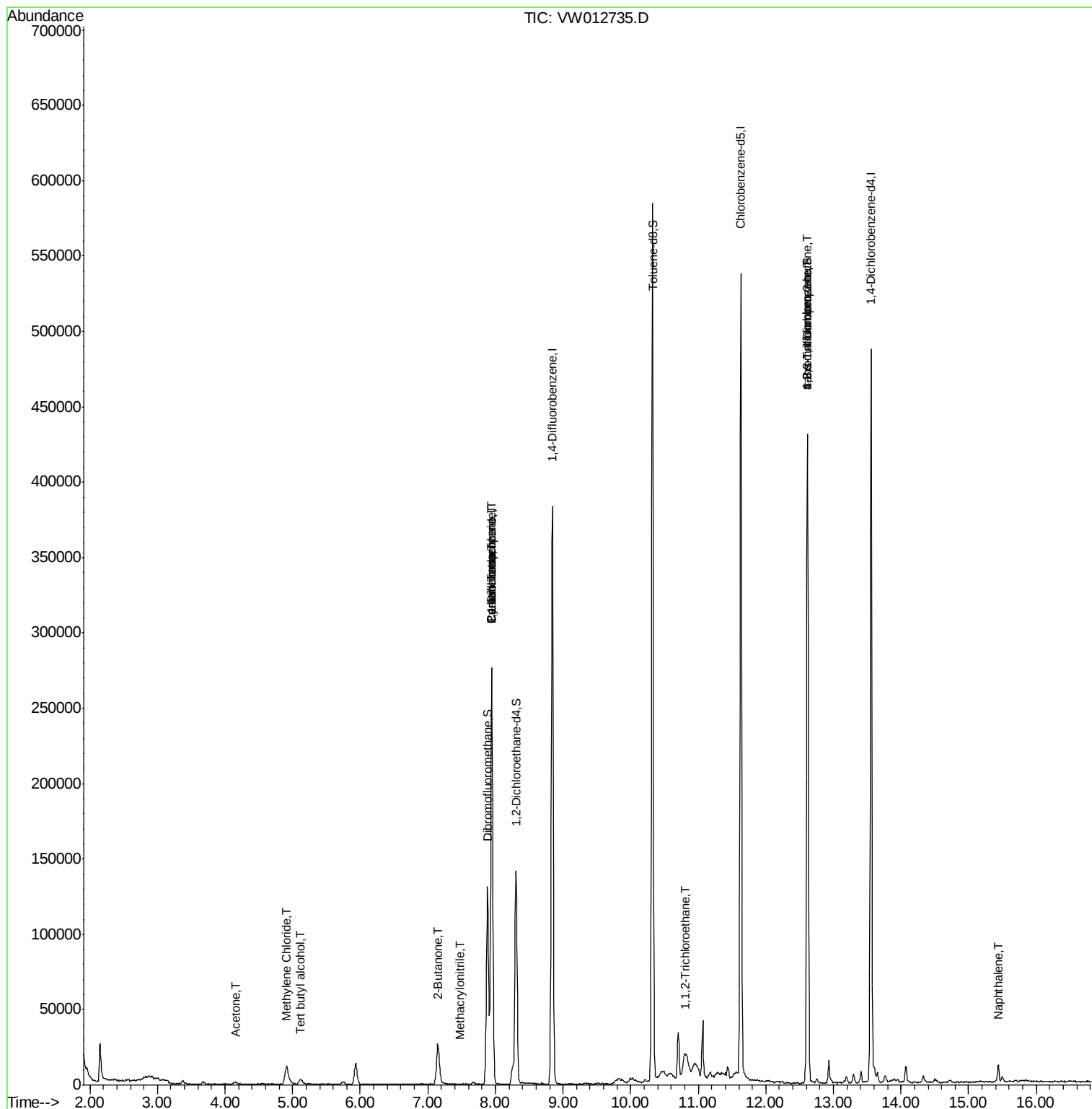
						Qvalue
11) Tert butyl alcohol	5.11	59	3287	19.105	ug/l #	72
16) Acetone	4.16	43	2486	4.055	ug/l	97
20) Methylene Chloride	4.91	84	9284	4.841	ug/l	86
25) 2-Butanone	7.15	43	1845	21.563	ug/l #	69
31) Cyclohexane	7.94	56	5057	1.530	ug/l #	11
36) 1,1-Dichloropropene	7.95	75	16821	6.099	ug/l #	52
38) Carbon Tetrachloride	7.95	117	20155	7.414	ug/l #	15
41) Methacrylonitrile	7.48	41	46	3.874	ug/l #	48
55) 1,1,2-Trichloroethane	10.81	97	1975	1.313	ug/l #	19
76) 1,2,3-Trichloropropane	12.62	75	72593	55.974	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	72593	118.389	ug/l #	7
95) Naphthalene	15.43	128	194	4.472	ug/l	99

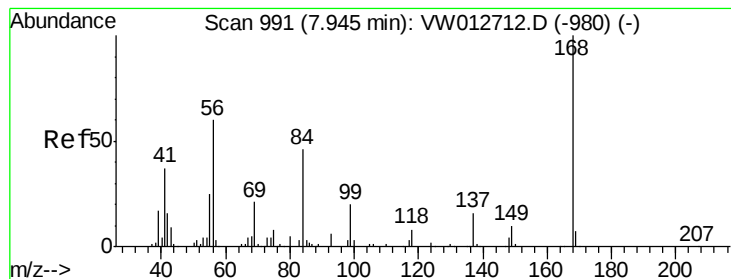
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW012735.D
Acq On : 07 Sep 2019 22:03
Operator : SY/VA
Sample : K4554-40
Misc : 4.91G/5ML/MSVOA_W/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-8-(5-7)

Quant Time: Sep 08 05:15:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 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: VW012735.D

Acq: 07 Sep 2019 22:03

Instrument :

MSVOA_W

ClientSampleId :

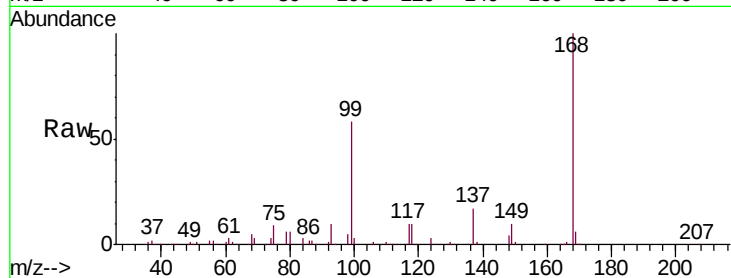
SB-8-(5-7)

Tgt Ion:168 Resp: 201254

Ion Ratio Lower Upper

168 100

99 58.1 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

100000

80000

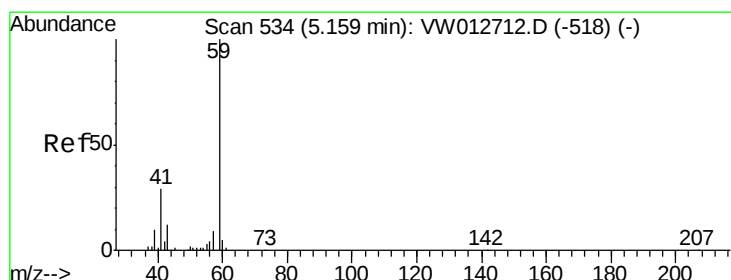
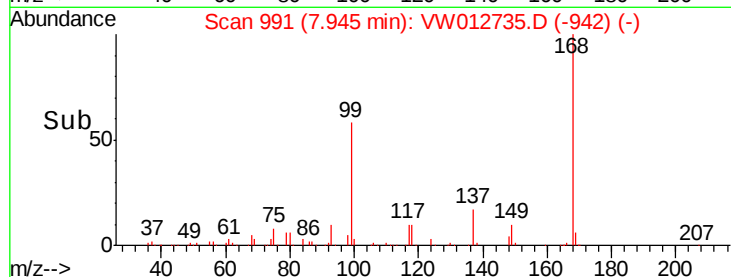
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 19.105 ug/l

RT: 5.11 min Scan# 526

Delta R.T. -0.05 min

Lab File: VW012735.D

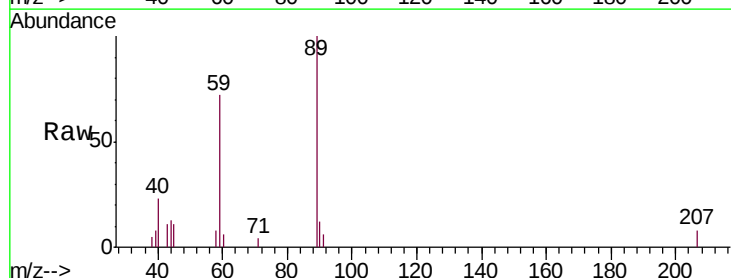
Acq: 07 Sep 2019 22:03

Tgt Ion: 59 Resp: 3287

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.11

1000

800

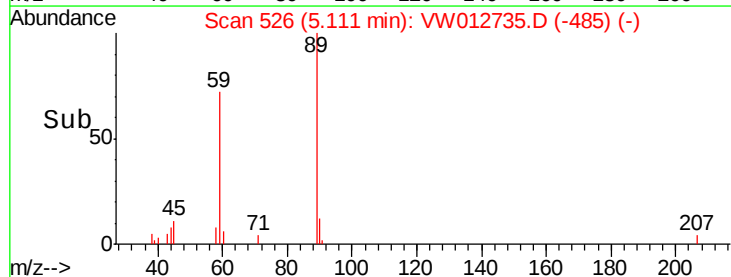
600

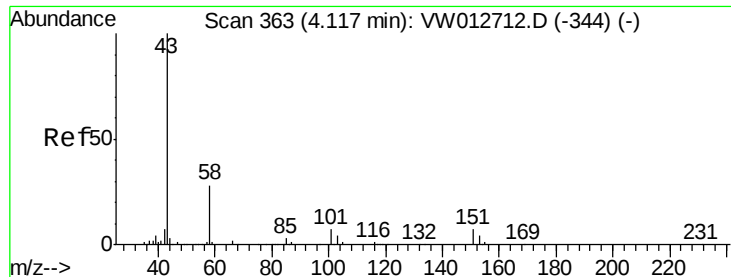
400

200

0

Time-->





#16

Acetone

Concen: 4.055 ug/l

RT: 4.16 min Scan# 370

Delta R.T. 0.04 min

Lab File: VW012735.D

Acq: 07 Sep 2019 22:03

Instrument :

MSVOA_W

ClientSampleId :

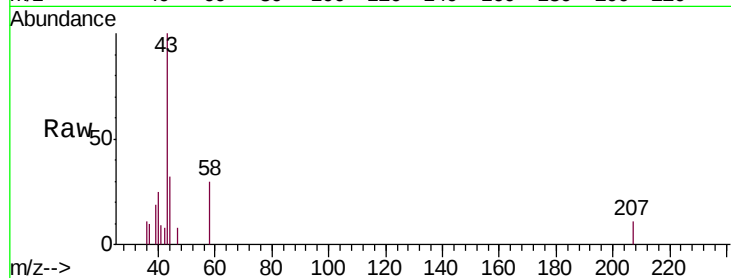
SB-8-(5-7)

Tgt Ion: 43 Resp: 2486

Ion Ratio Lower Upper

43 100

58 29.9 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.16

800

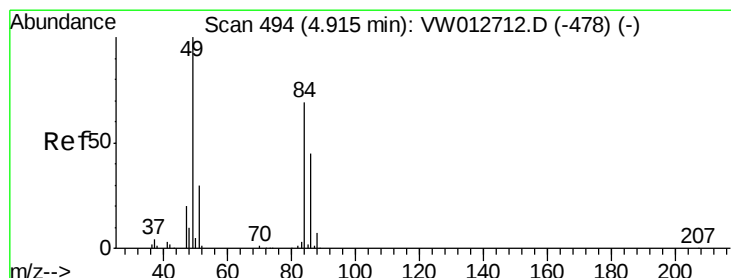
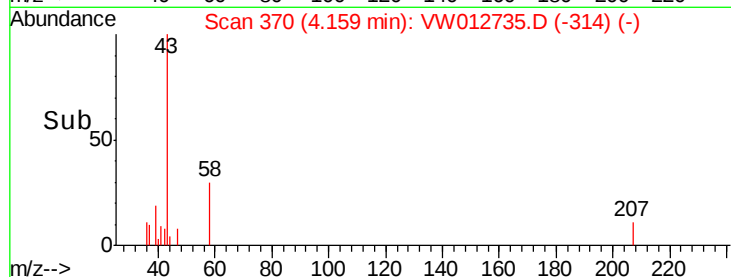
600

400

200

0

Time-->



#20

Methylene Chloride

Concen: 4.841 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012735.D

Acq: 07 Sep 2019 22:03

Tgt Ion: 84 Resp: 9284

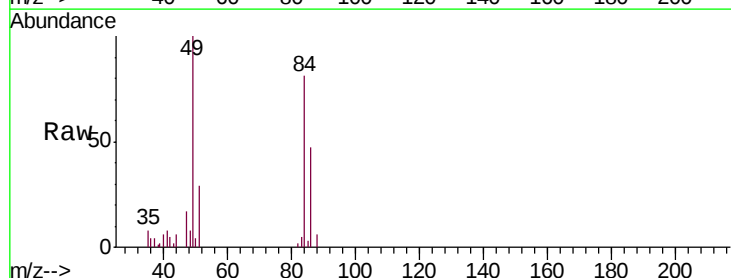
Ion Ratio Lower Upper

84 100

49 123.7 115.4 173.0

51 35.6 34.9 52.3

86 57.9 52.2 78.4



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

5000

4000

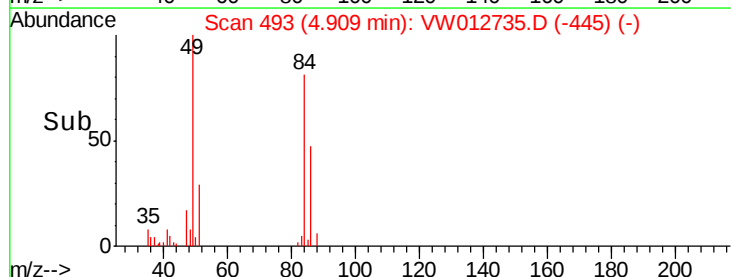
3000

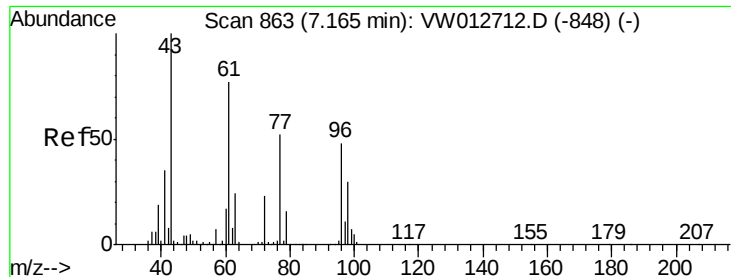
2000

1000

0

Time-->





#25

2-Butanone

Concen: 21.563 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW012735.D

Acq: 07 Sep 2019 22:03

Instrument :

MSVOA_W

ClientSampleId :

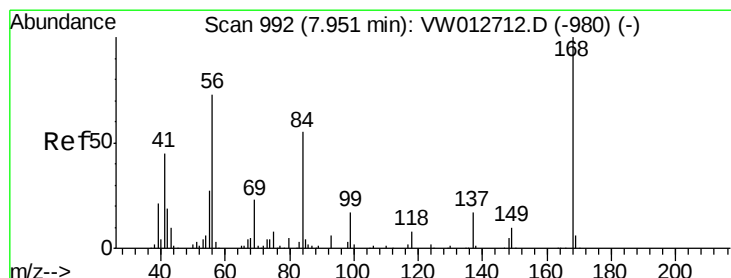
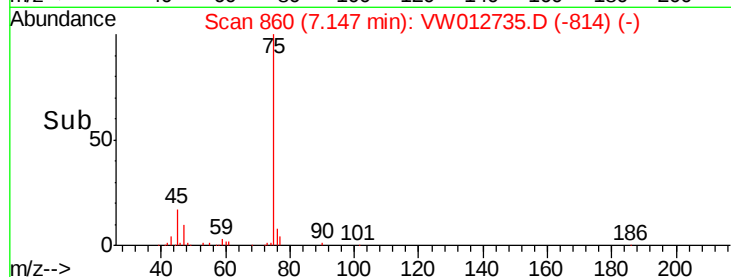
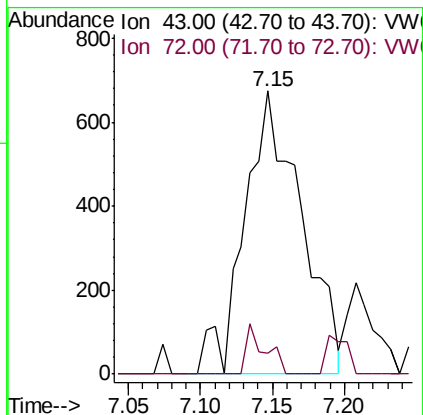
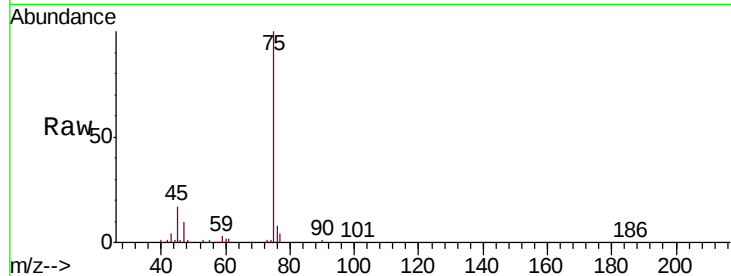
SB-8-(5-7)

Tgt Ion: 43 Resp: 1845

Ion Ratio Lower Upper

43 100

72 7.6 18.0 27.0#



#31

Cyclohexane

Concen: 1.530 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW012735.D

Acq: 07 Sep 2019 22:03

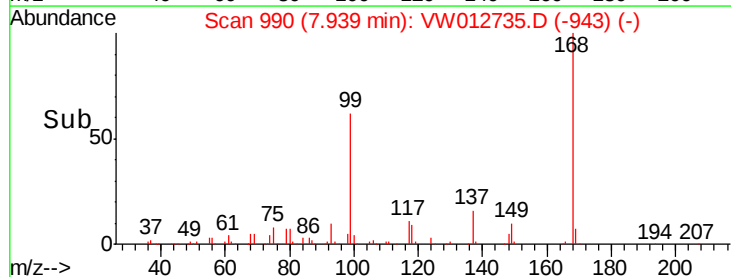
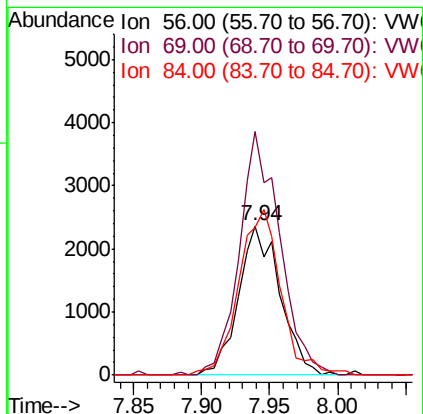
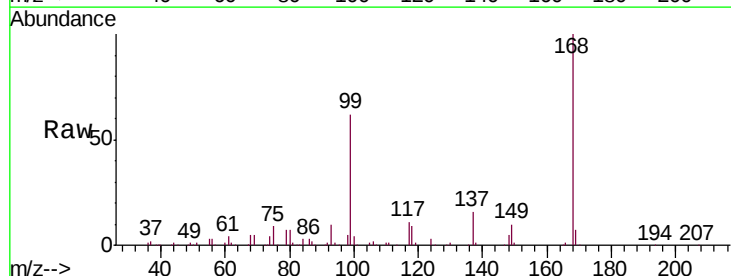
Tgt Ion: 56 Resp: 5057

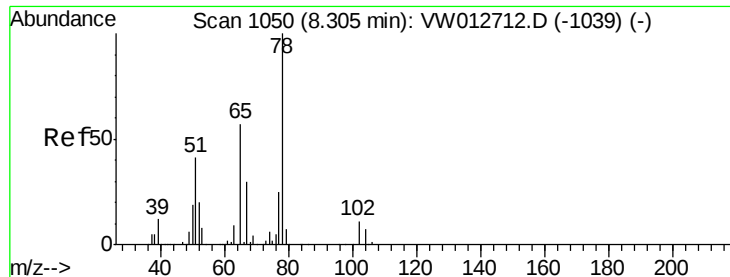
Ion Ratio Lower Upper

56 100

69 163.4 25.7 38.5#

84 98.9 60.4 90.6#

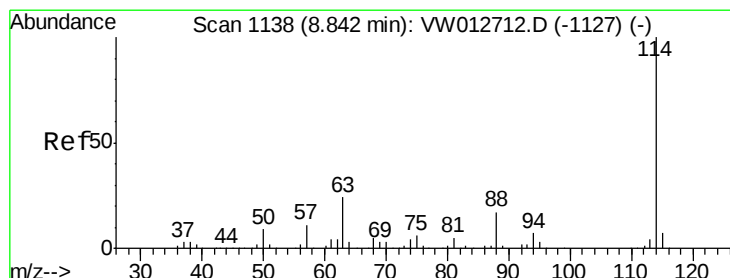
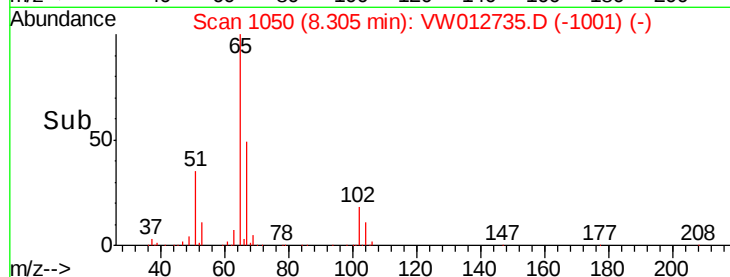
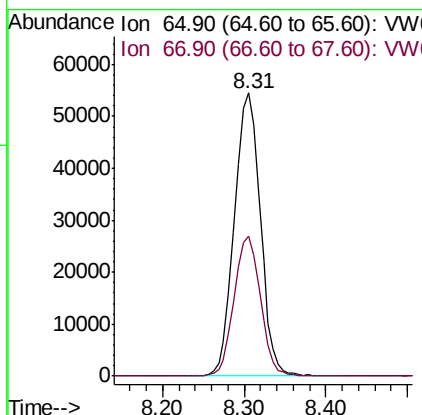
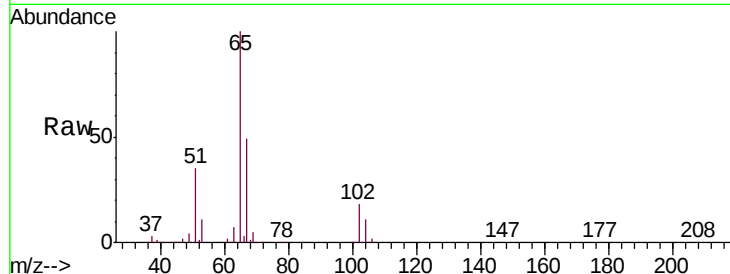




#33
 1,2-Dichloroethane-d4
 Concen: 53.197 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012735.D
 Acq: 07 Sep 2019 22:03

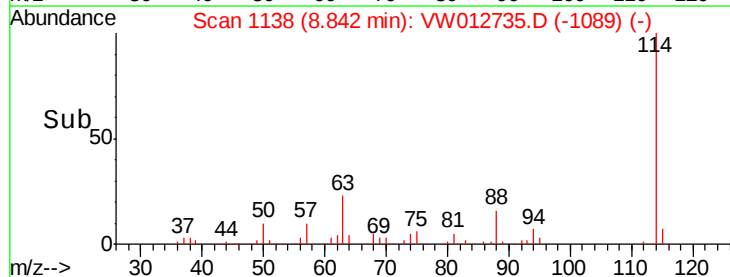
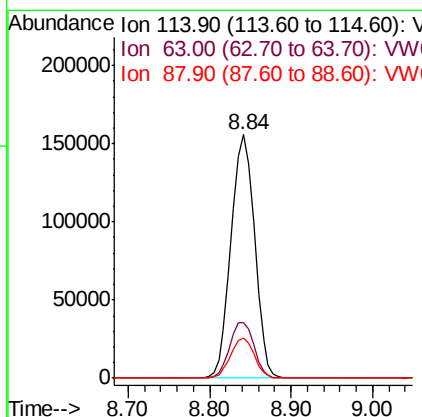
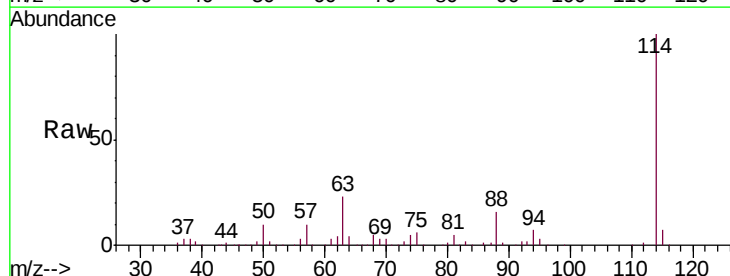
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-8-(5-7)

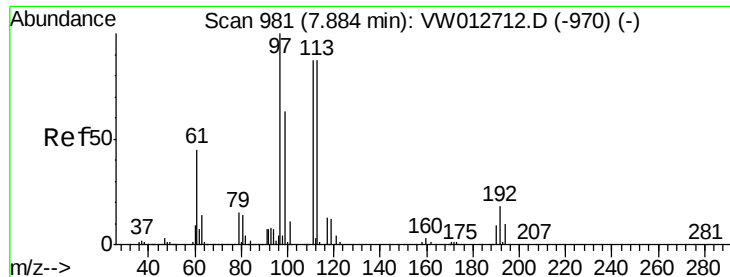
Tgt Ion: 65 Resp: 119622
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012735.D
 Acq: 07 Sep 2019 22:03

Tgt Ion: 114 Resp: 310396
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 47.2
 88 16.5 0.0 34.0

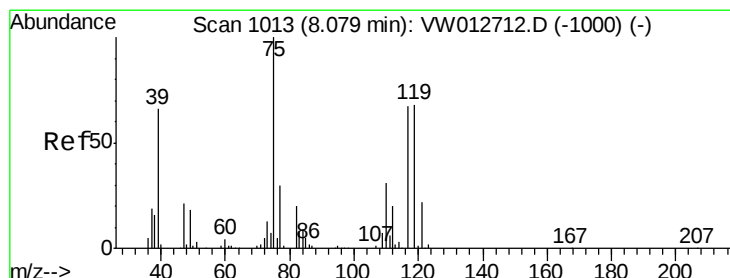
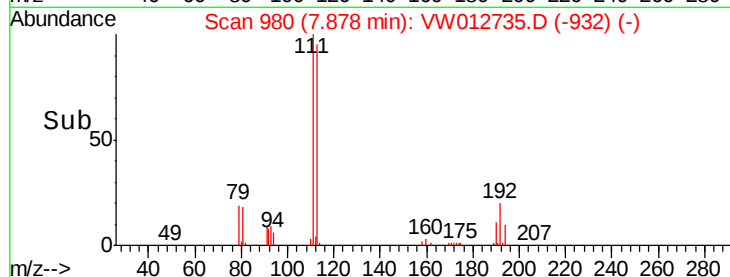
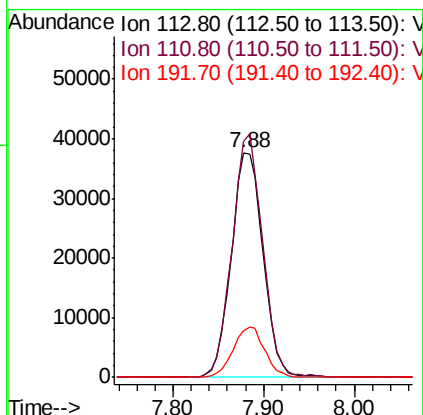
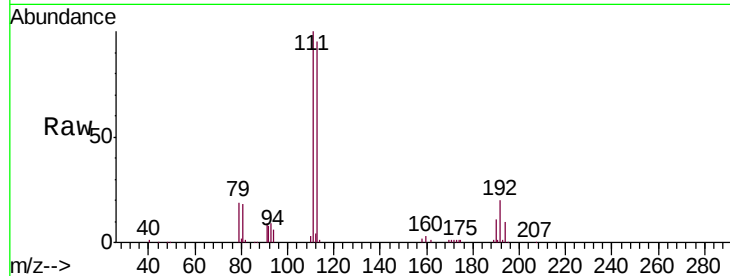




#35
 Dibromofluoromethane
 Concen: 49.694 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012735.D
 Acq: 07 Sep 2019 22:03

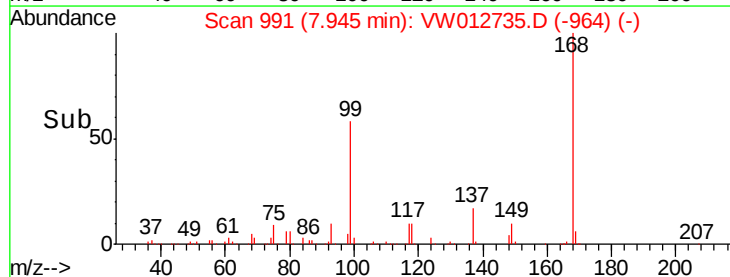
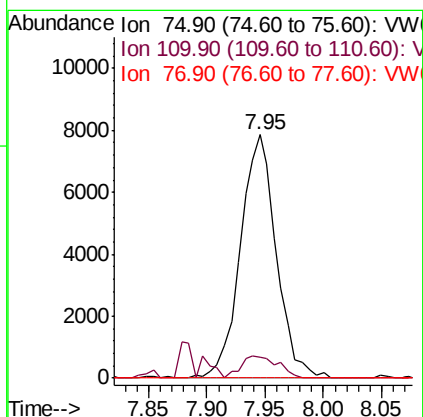
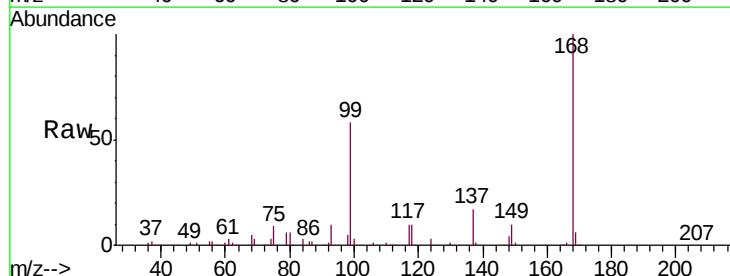
Instrument :
 MSVOA_W
 ClientSampled :
 SB-8-(5-7)

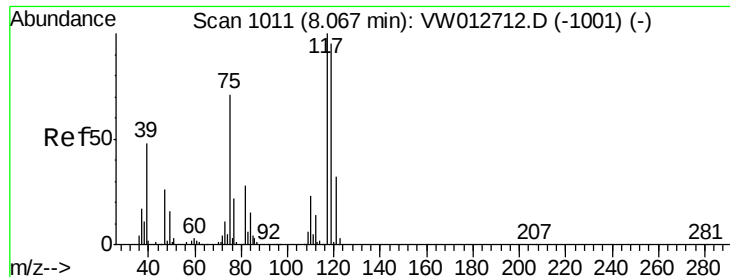
Tgt Ion: 113 Resp: 91705
 Ion Ratio Lower Upper
 113 100
 111 104.1 80.2 120.4
 192 22.0 17.3 25.9



#36
 1,1-Dichloropropene
 Concen: 6.099 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012735.D
 Acq: 07 Sep 2019 22:03

Tgt Ion: 75 Resp: 16821
 Ion Ratio Lower Upper
 75 100
 110 9.4 15.9 47.7#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 7.414 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW012735.D

Acq: 07 Sep 2019 22:03

Instrument :

MSVOA_W

ClientSampleId :

SB-8-(5-7)

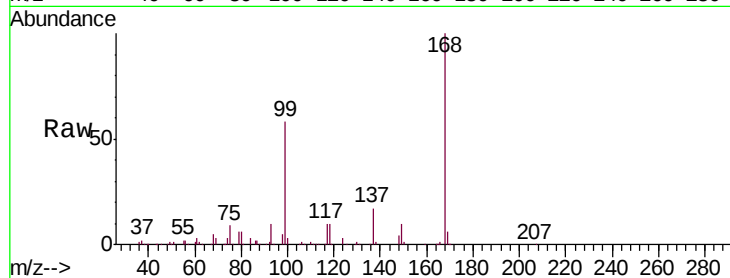
Tgt Ion: 117 Resp: 20155

Ion Ratio Lower Upper

117 100

119 4.0 76.2 114.2#

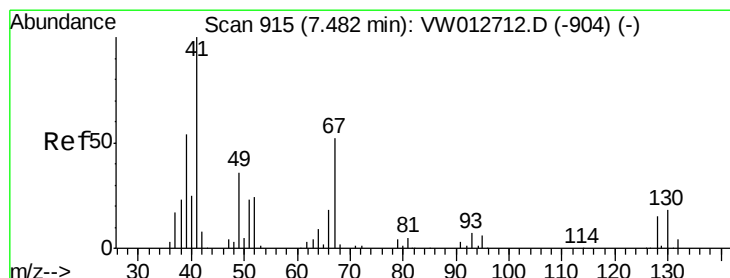
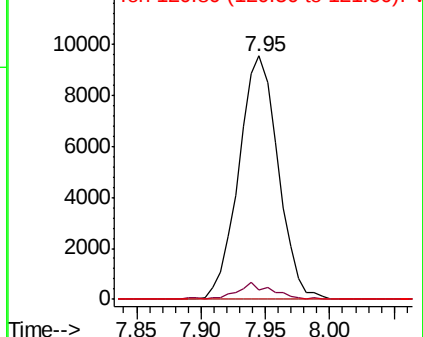
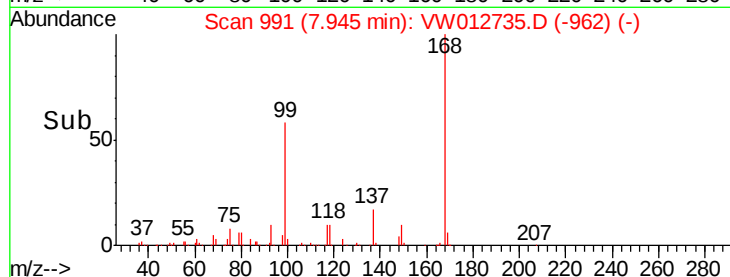
121 0.0 25.4 38.2#



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



#41

Methacrylonitrile

Concen: 3.874 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW012735.D

Acq: 07 Sep 2019 22:03

Tgt Ion: 41 Resp: 46

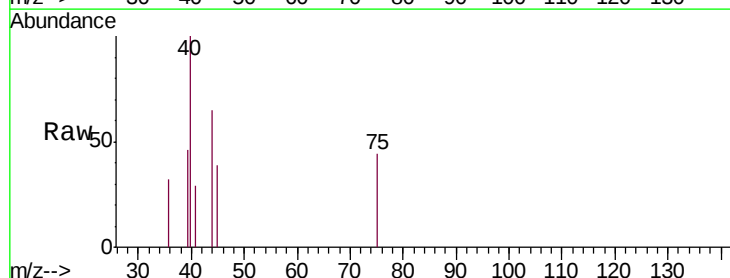
Ion Ratio Lower Upper

41 100

39 80.4 47.5 71.3#

67 0.0 45.1 67.7#

52 0.0 20.2 30.2#

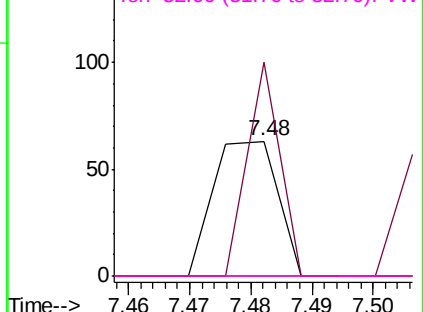
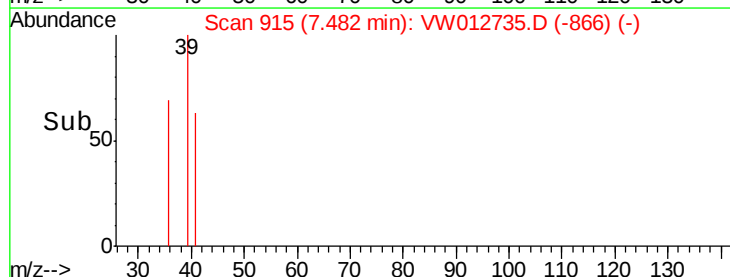


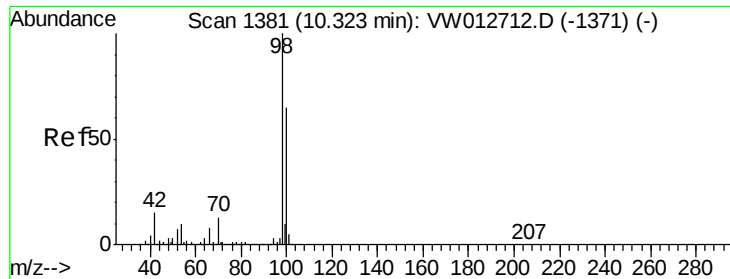
Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW





#50

Toluene-d8

Concen: 51.170 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012735.D

Acq: 07 Sep 2019 22:03

Instrument :

MSVOA_W

ClientSampleId :

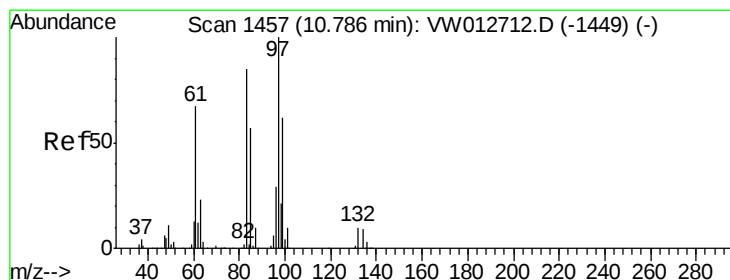
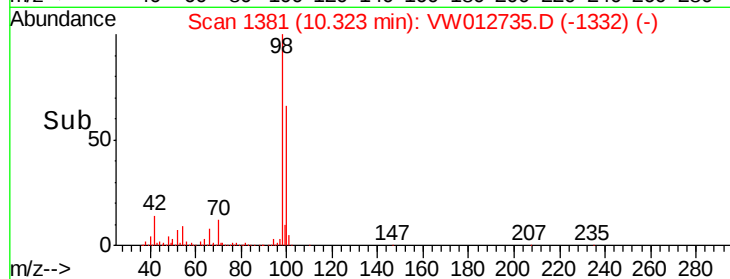
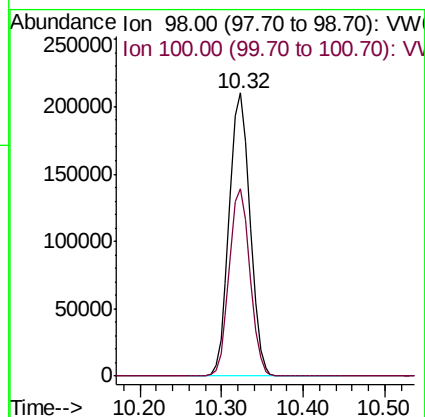
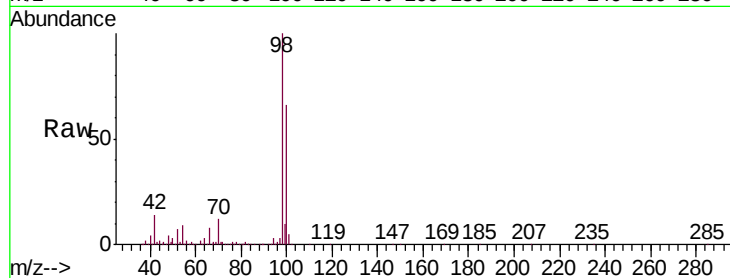
SB-8-(5-7)

Tgt Ion: 98 Resp: 369951

Ion Ratio Lower Upper

98 100

100 65.9 52.2 78.4



#55

1,1,2-Trichloroethane

Concen: 1.313 ug/l

RT: 10.81 min Scan# 1461

Delta R.T. 0.02 min

Lab File: VW012735.D

Acq: 07 Sep 2019 22:03

Tgt Ion: 97 Resp: 1975

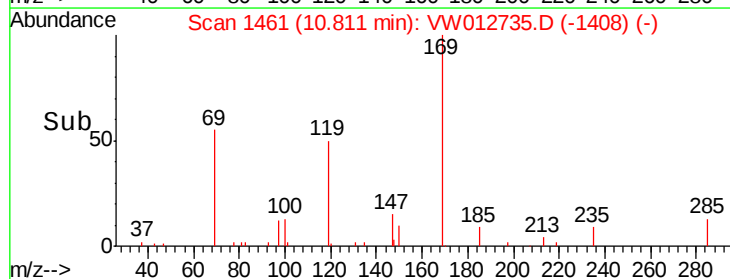
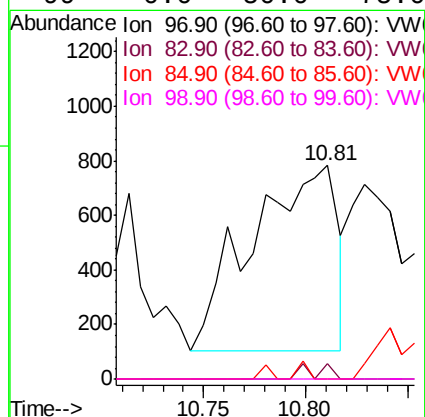
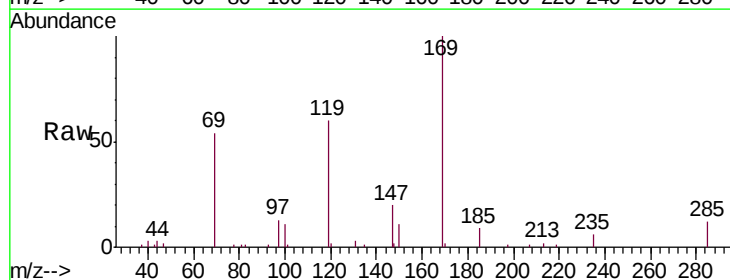
Ion Ratio Lower Upper

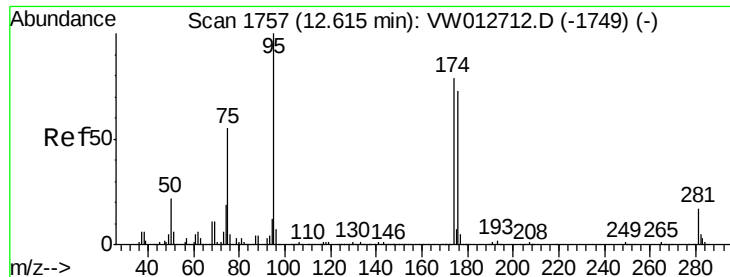
97 100

83 8.4 68.1 102.1#

85 0.0 45.3 67.9#

99 0.0 50.0 75.0#

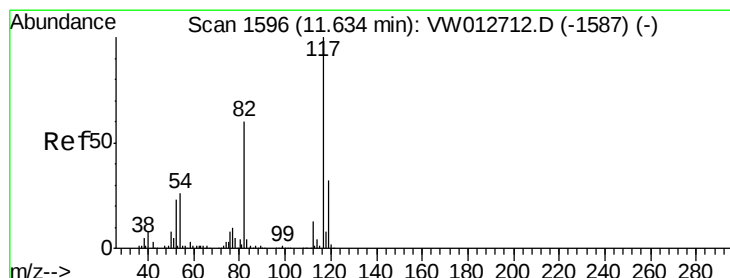
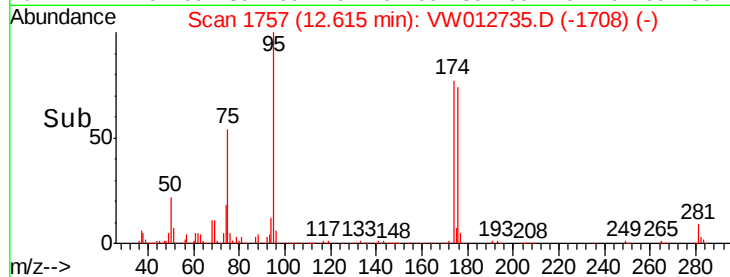
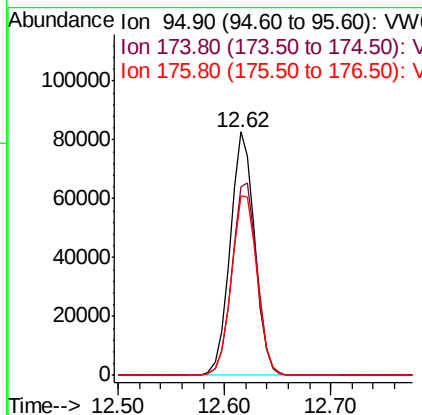
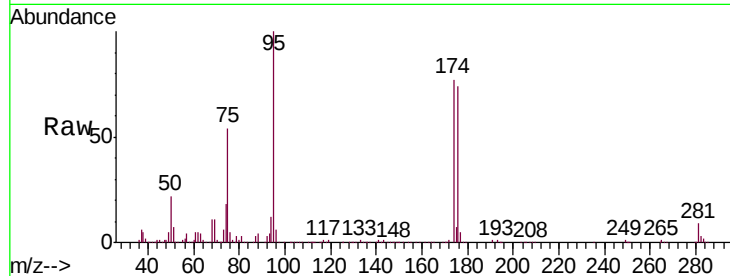




#62
4-Bromofluorobenzene
Concen: 50.935 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012735.D
Acq: 07 Sep 2019 22:03

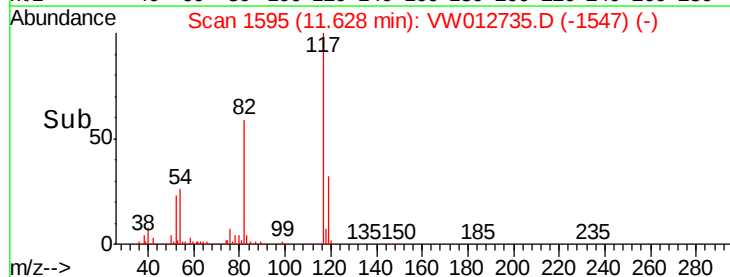
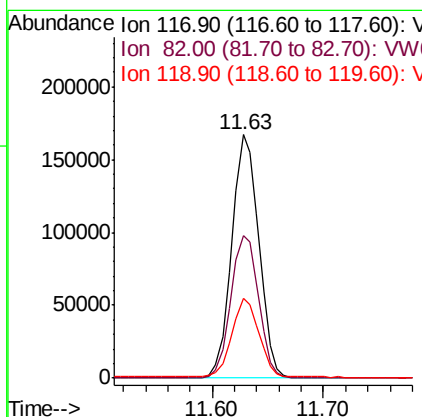
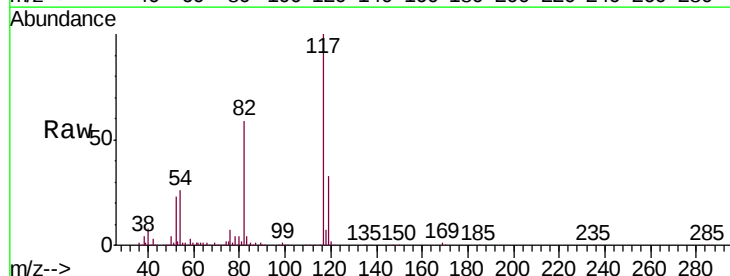
Instrument :
MSVOA_W
ClientSampleId :
SB-8-(5-7)

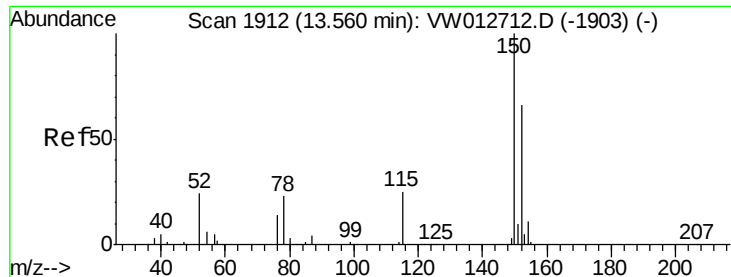
Tgt Ion: 95 Resp: 133685
Ion Ratio Lower Upper
95 100
174 81.0 0.0 161.0
176 77.6 0.0 156.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012735.D
Acq: 07 Sep 2019 22:03

Tgt Ion: 117 Resp: 280989
Ion Ratio Lower Upper
117 100
82 58.7 48.2 72.4
119 32.2 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW012735.D

Acq: 07 Sep 2019 22:03

Instrument :

MSVOA_W

ClientSampleId :

SB-8-(5-7)

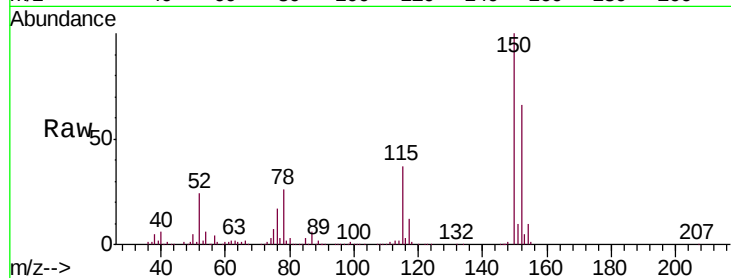
Tgt Ion:152 Resp: 126831

Ion Ratio Lower Upper

152 100

115 58.8 30.0 90.1

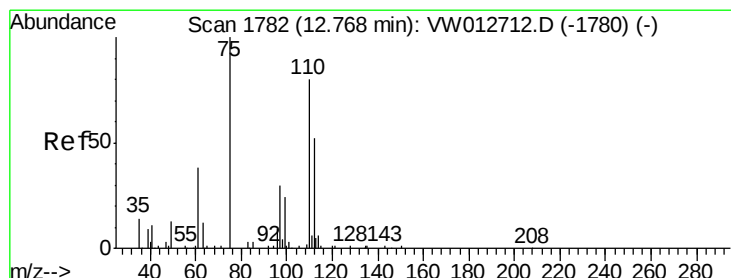
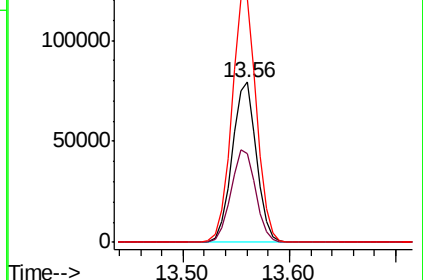
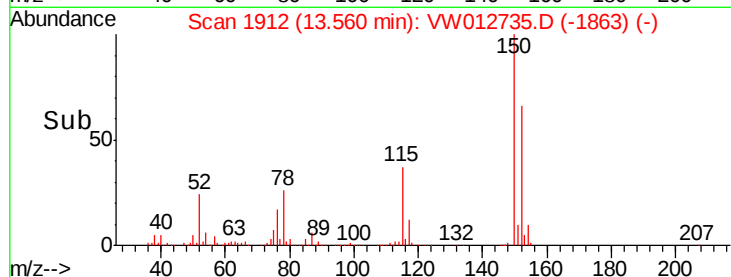
150 155.8 0.0 349.0



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: 55.974 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012735.D

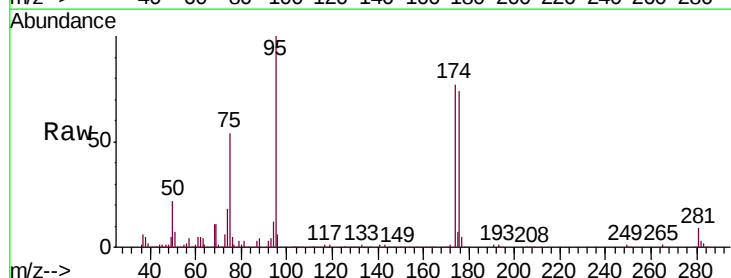
Acq: 07 Sep 2019 22:03

Tgt Ion: 75 Resp: 72593

Ion Ratio Lower Upper

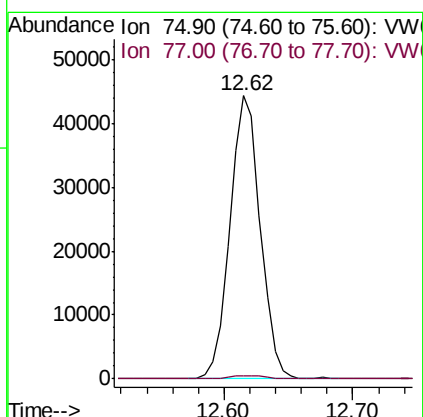
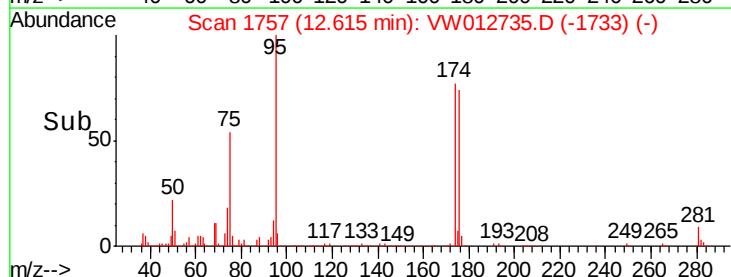
75 100

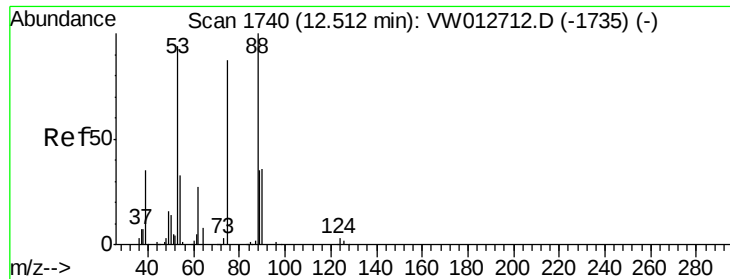
77 1.3 0.0 0.0#



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: 118.389 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW012735.D

Acq: 07 Sep 2019 22:03

Instrument :

MSVOA_W

ClientSampleId :

SB-8-(5-7)

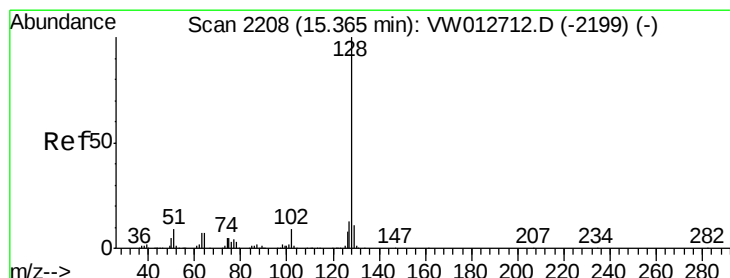
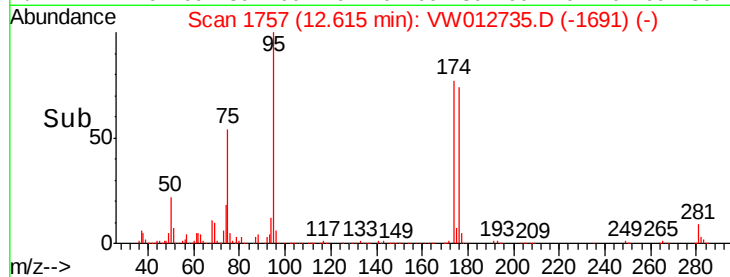
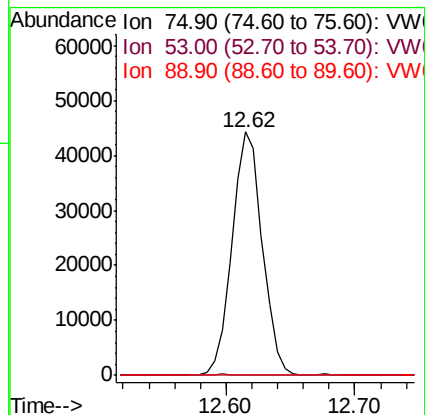
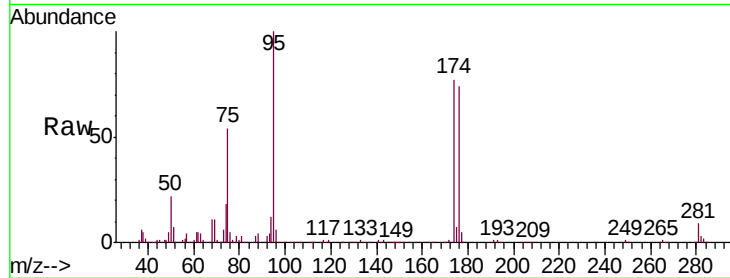
Tgt Ion: 75 Resp: 72593

Ion Ratio Lower Upper

75 100

53 0.5 87.6 131.4#

89 0.1 35.5 53.3#



#95

Naphthalene

Concen: 4.472 ug/l

RT: 15.43 min Scan# 2219

Delta R.T. 0.07 min

Lab File: VW012735.D

Acq: 07 Sep 2019 22:03

Tgt Ion: 128 Resp: 194

Ion Ratio Lower Upper

128 100

127 12.9 10.7 16.1

129 11.3 8.7 13.1

