

Data File : VW012375.D
Acq On : 31 Aug 2019 03:21
Operator : SY/VA
Sample : K4439-10
Misc : 6.22G/5ML/MSVOA_W/SOIL
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S-5-(5-7)

Quant Time: Aug 31 04:52:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	223998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	370717	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	301843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	106402	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	145714	54.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.44%	
35) Dibromofluoromethane	7.88	113	114697	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
50) Toluene-d8	10.32	98	455619	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
62) 4-Bromofluorobenzene	12.62	95	133923	42.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.68%	

Target Compounds

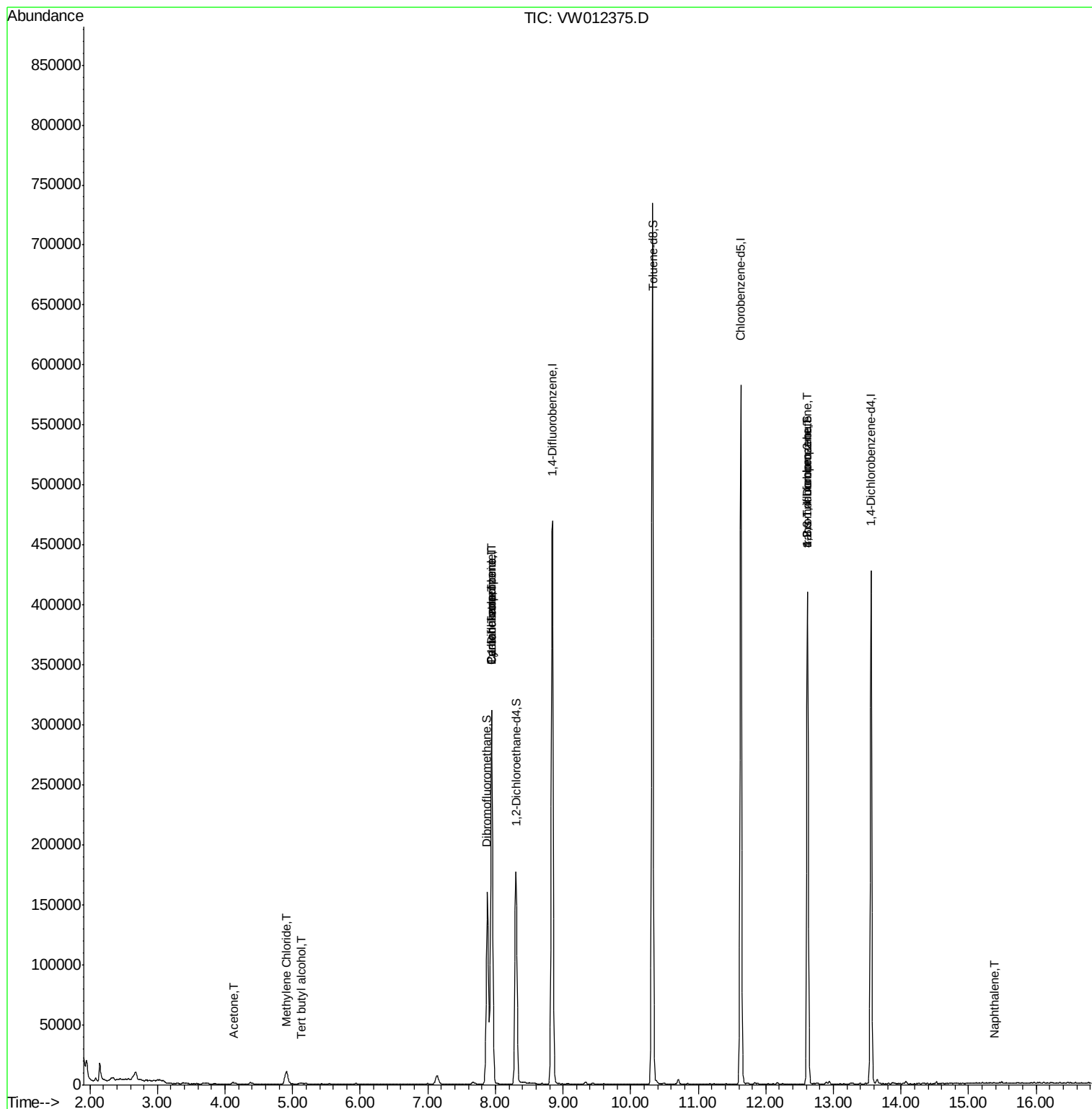
						Qvalue
11) Tert butyl alcohol	5.13	59	212	1.323	ug/l #	71
16) Acetone	4.13	43	2651	3.895	ug/l	91
20) Methylene Chloride	4.91	84	7227	2.809	ug/l	94
31) Cyclohexane	7.94	56	5730	1.195	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	19854	5.183	ug/l #	52
38) Carbon Tetrachloride	7.95	117	23036	6.947	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	72323	69.791	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	72323	153.019	ug/l #	6
95) Naphthalene	15.38	128	61	4.335	ug/l #	69

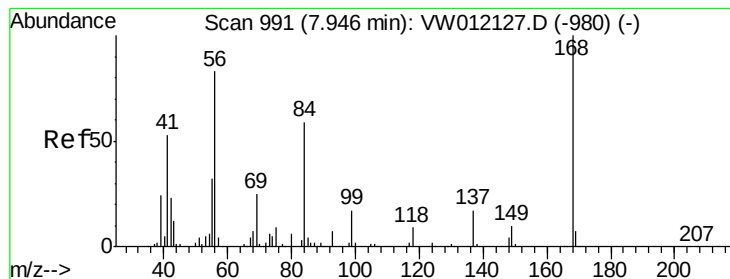
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012375.D

Acq: 31 Aug 2019 03:21

Instrument :

MSVOA_W

ClientSampleId :

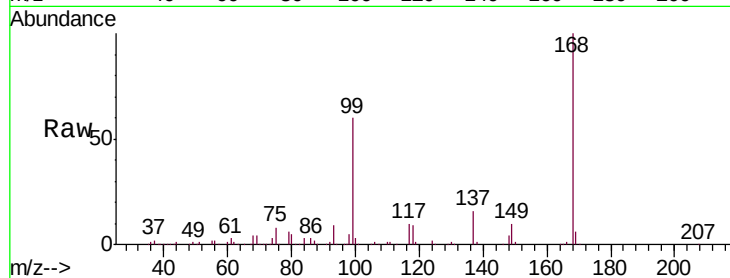
S-5-(5-7)

Tgt Ion:168 Resp: 223998

Ion Ratio Lower Upper

168 100

99 60.1 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

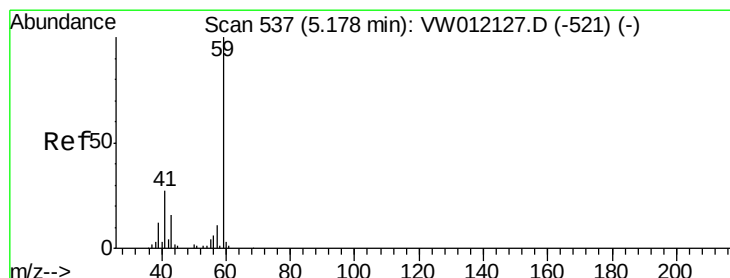
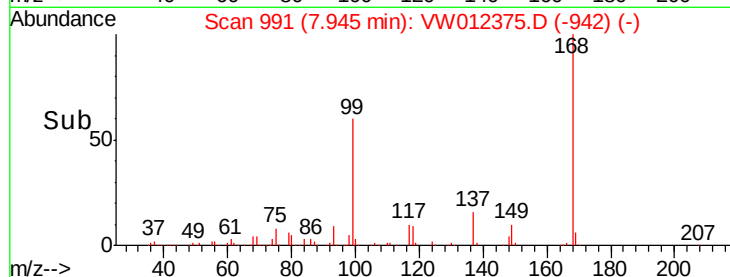
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.323 ug/l

RT: 5.13 min Scan# 529

Delta R.T. -0.05 min

Lab File: VW012375.D

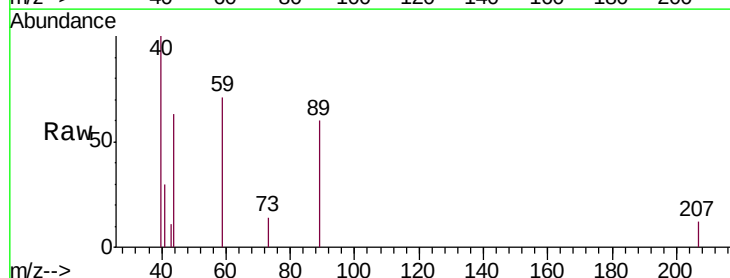
Acq: 31 Aug 2019 03:21

Tgt Ion: 59 Resp: 212

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

5.13

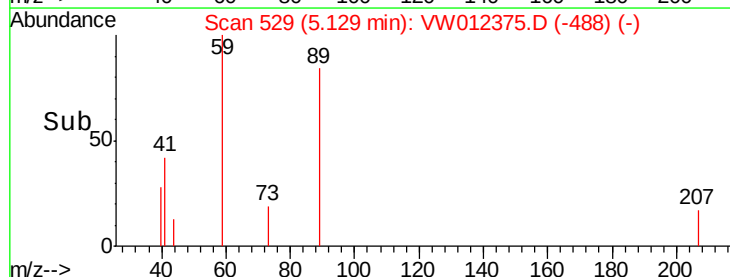
300

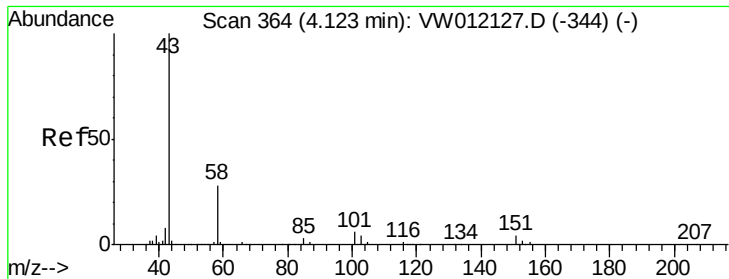
200

100

0

Time-->

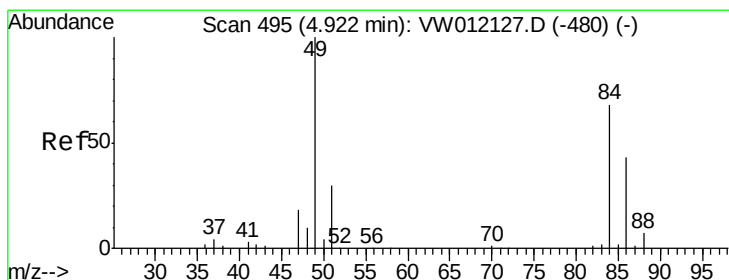
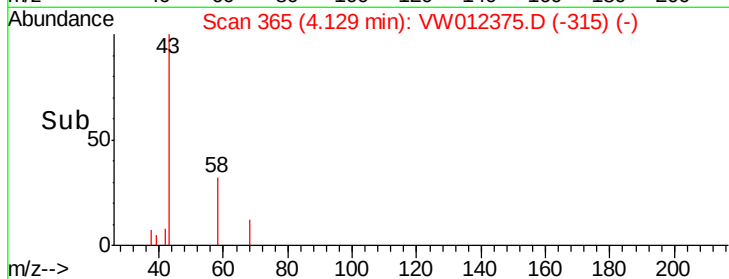
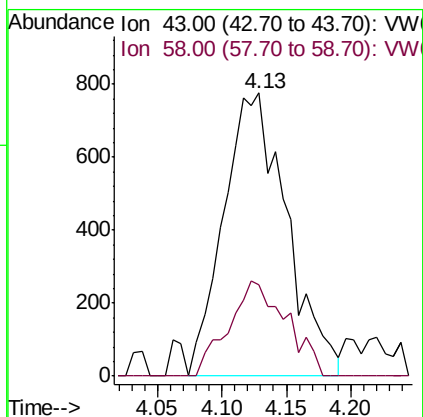
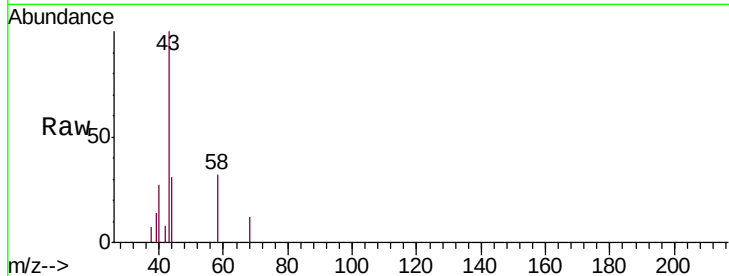




#16
Acetone
Concen: 3.895 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW012375.D
Acq: 31 Aug 2019 03:21

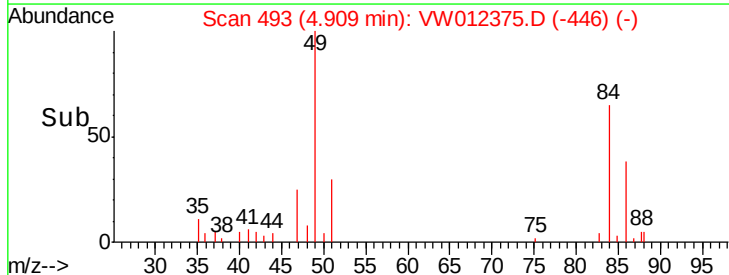
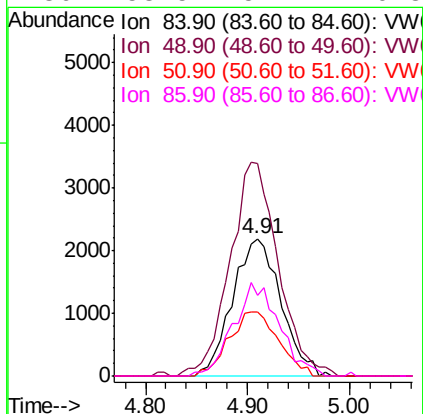
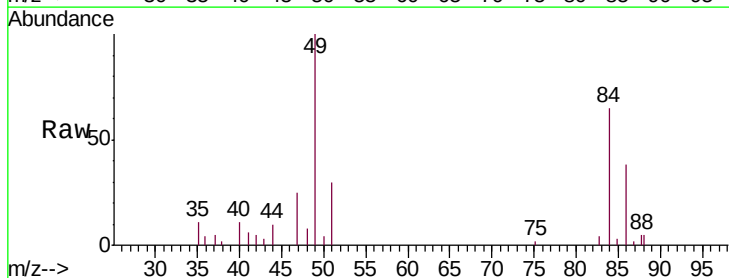
Instrument :
MSVOA_W
ClientSampleId :
S-5-(5-7)

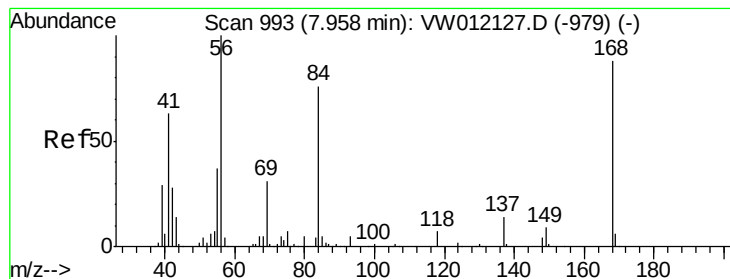
Tgt Ion: 43 Resp: 2651
Ion Ratio Lower Upper
43 100
58 32.5 22.4 33.6



#20
Methylene Chloride
Concen: 2.809 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012375.D
Acq: 31 Aug 2019 03:21

Tgt Ion: 84 Resp: 7227
Ion Ratio Lower Upper
84 100
49 154.7 117.8 176.8
51 47.1 35.6 53.4
86 58.5 51.2 76.8





#31

Cyclohexane

Concen: 1.195 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.02 min

Lab File: VW012375.D

Acq: 31 Aug 2019 03:21

Instrument :

MSVOA_W

ClientSampleId :

S-5-(5-7)

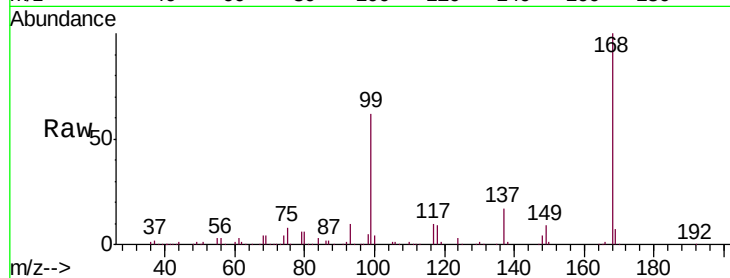
Tgt Ion: 56 Resp: 5730

Ion Ratio Lower Upper

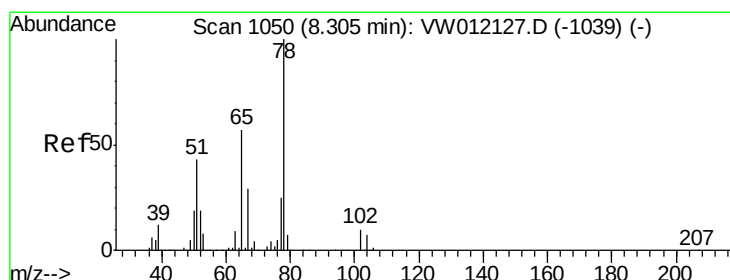
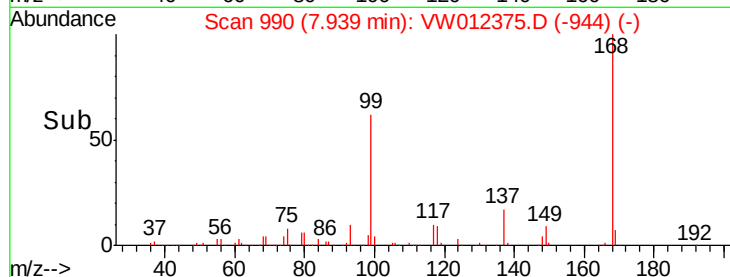
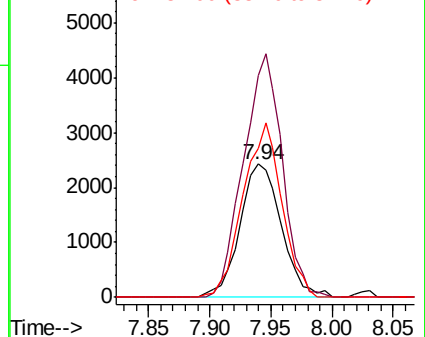
56 100

69 166.7 24.9 37.3#

84 111.4 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: 54.722 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012375.D

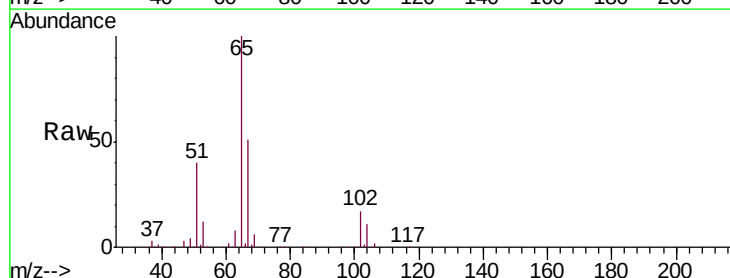
Acq: 31 Aug 2019 03:21

Tgt Ion: 65 Resp: 145714

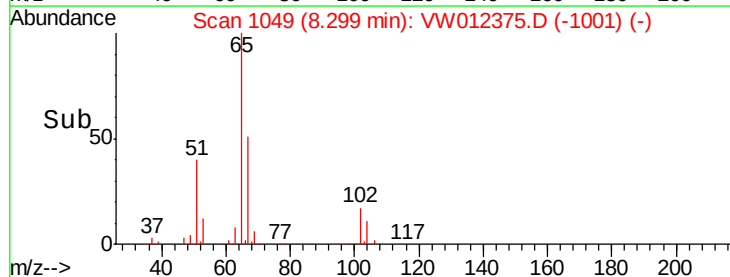
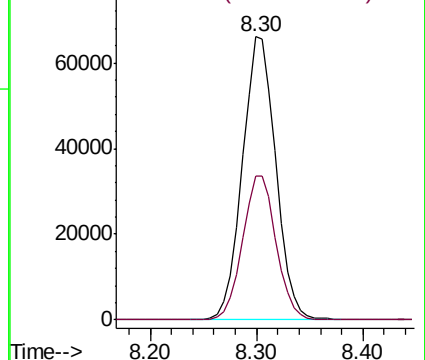
Ion Ratio Lower Upper

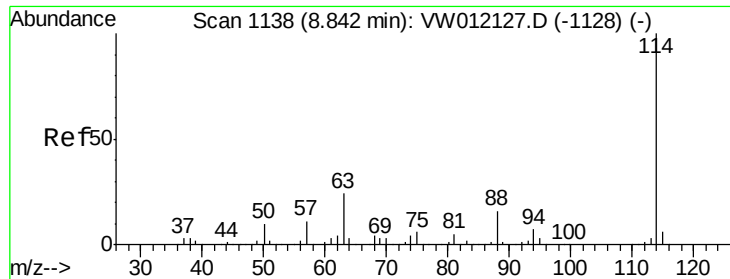
65 100

67 51.0 0.0 102.6



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

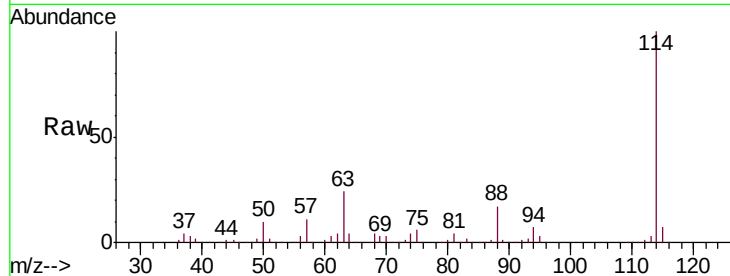




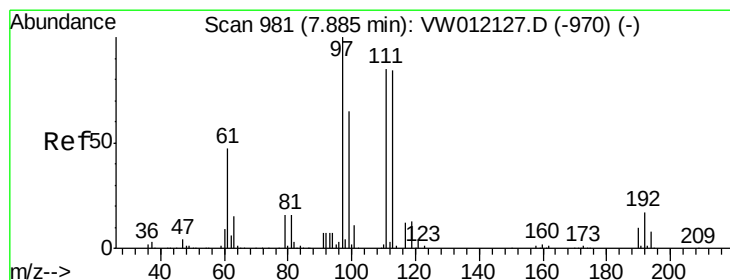
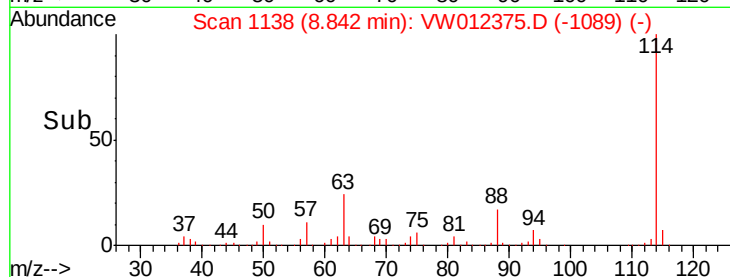
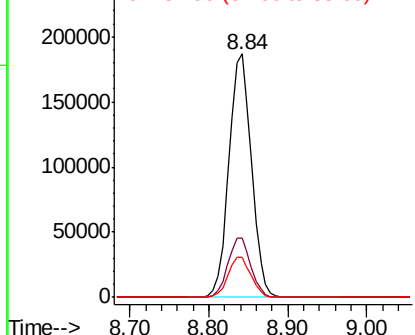
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012375.D
 Acq: 31 Aug 2019 03:21

Instrument :
 MSVOA_W
 ClientSampleId :
 S-5-(5-7)

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.4	0.0	48.6
88	16.6	0.0	32.2

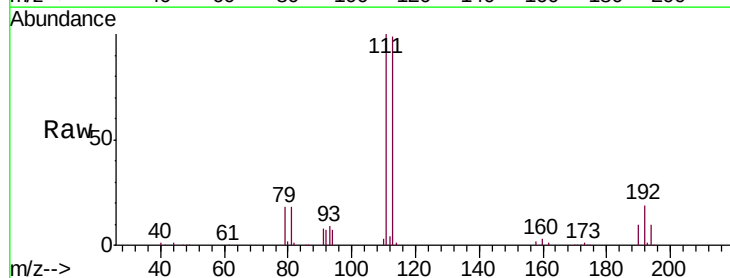


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

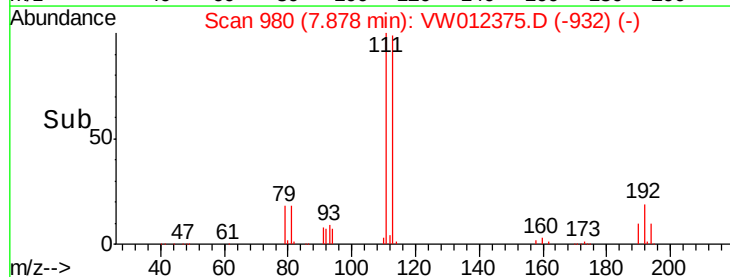
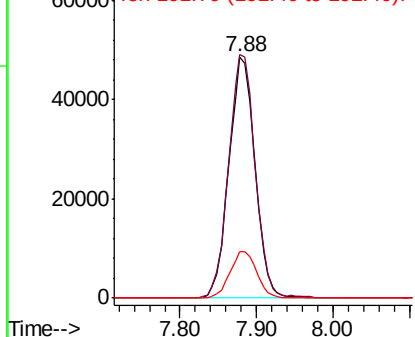


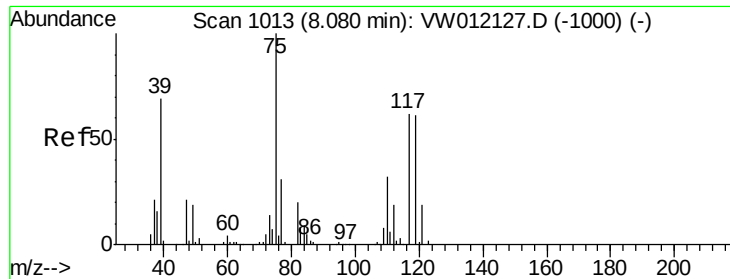
#35
 Dibromofluoromethane
 Concen: 51.833 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012375.D
 Acq: 31 Aug 2019 03:21

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.7	124.1
192	19.9	16.2	24.2



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

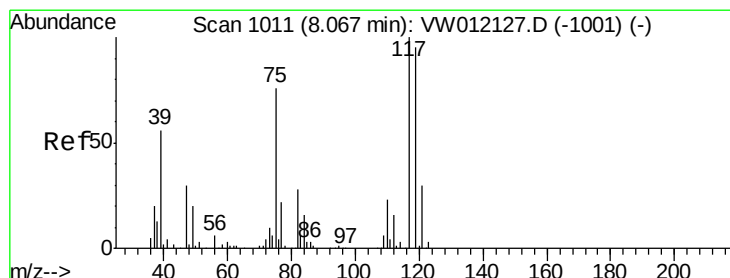
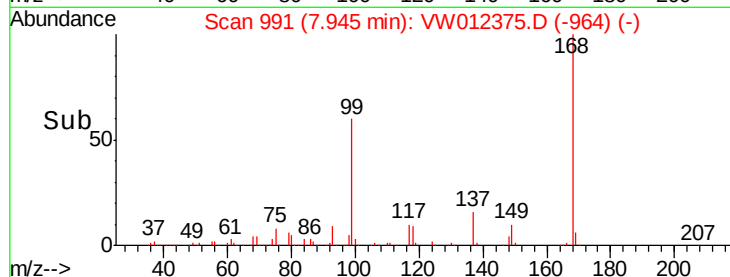
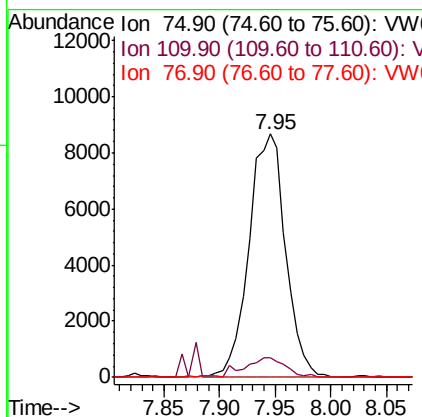
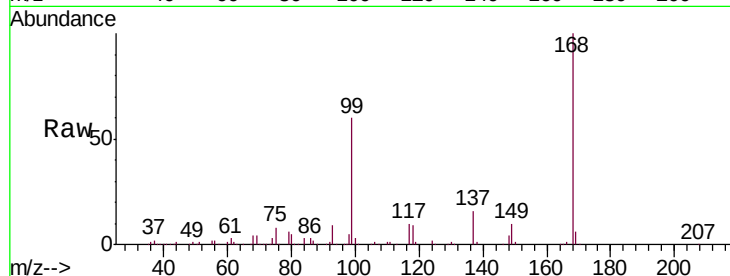




#36
 1,1-Dichloropropene
 Concen: 5.183 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012375.D
 Acq: 31 Aug 2019 03:21

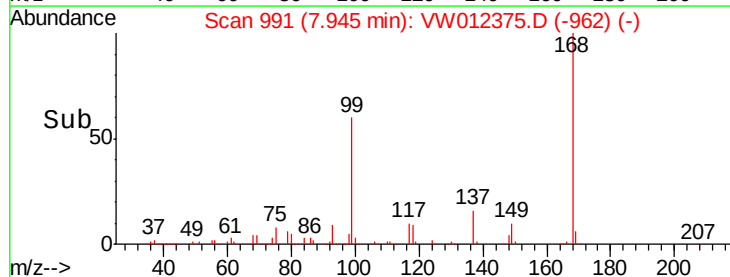
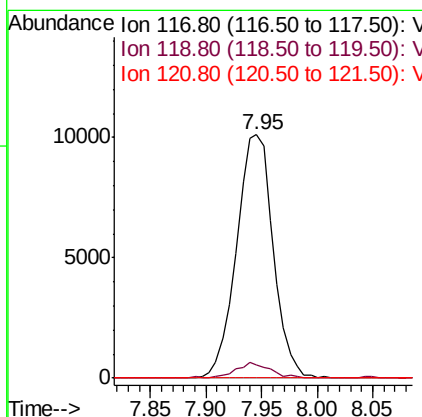
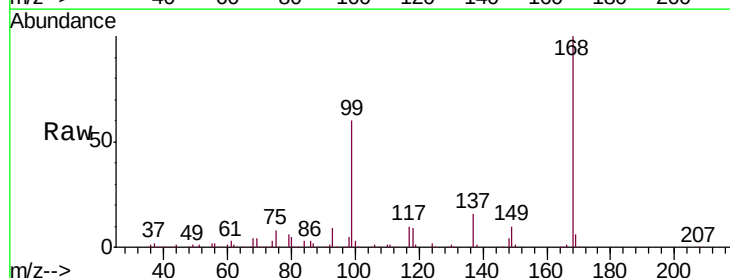
Instrument :
 MSVOA_W
 ClientSampleId :
 S-5-(5-7)

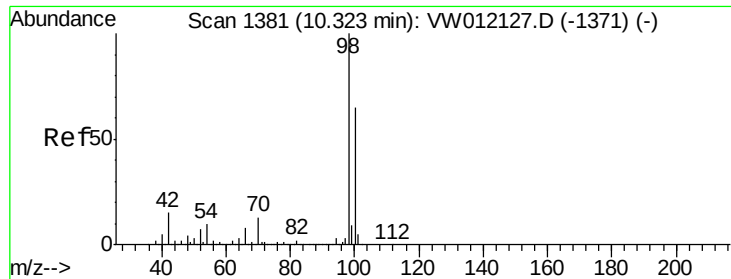
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	15.6	46.8#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.947 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW012375.D
 Acq: 31 Aug 2019 03:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.2	76.2	114.2#
121	0.0	23.8	35.8#





#50

Toluene-d8

Concen: 50.780 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012375.D

Acq: 31 Aug 2019 03:21

Instrument :

MSVOA_W

ClientSampleId :

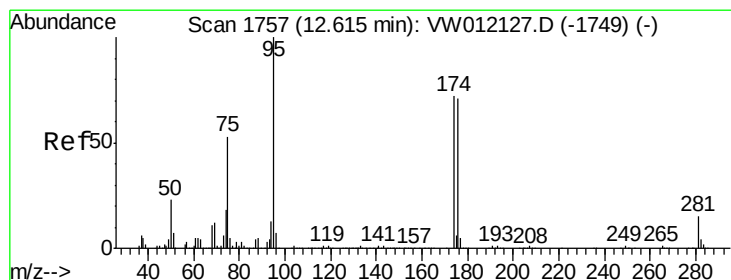
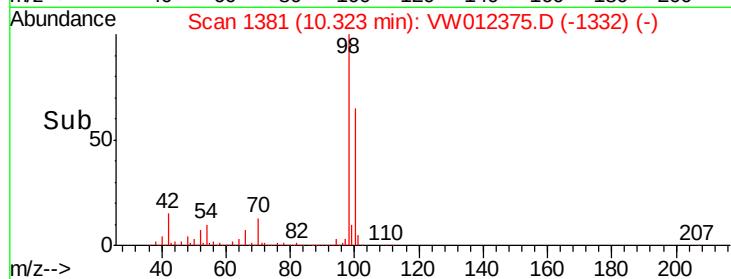
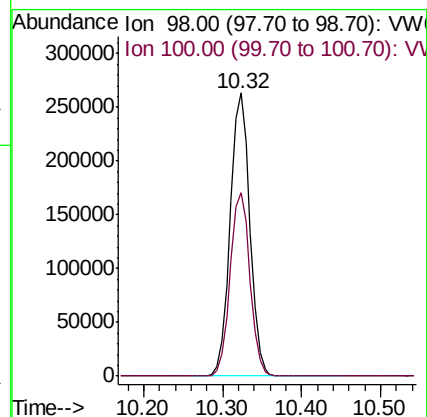
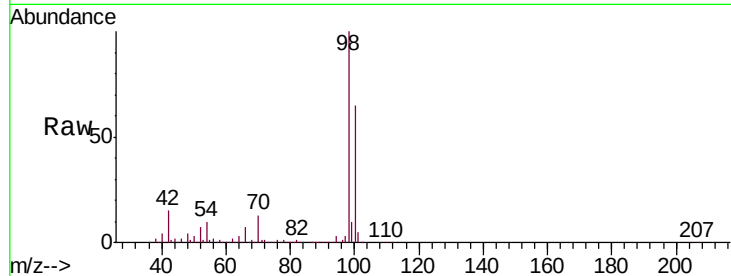
S-5-(5-7)

Tgt Ion: 98 Resp: 455619

Ion Ratio Lower Upper

98 100

100 65.2 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 42.344 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012375.D

Acq: 31 Aug 2019 03:21

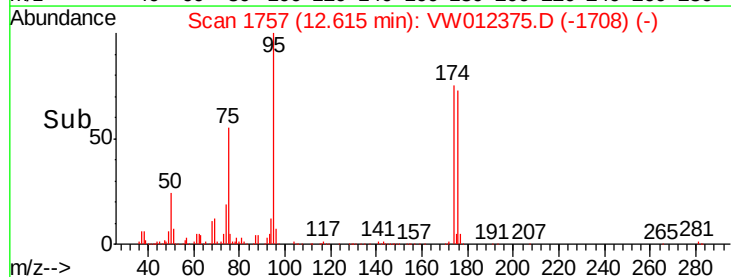
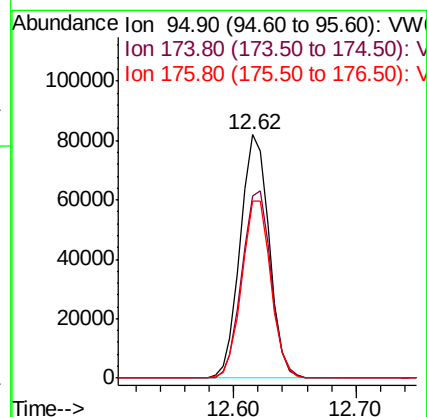
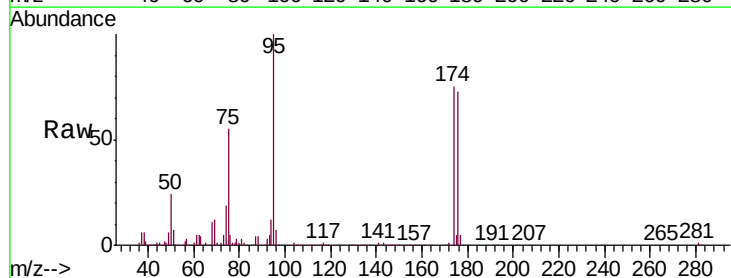
Tgt Ion: 95 Resp: 133923

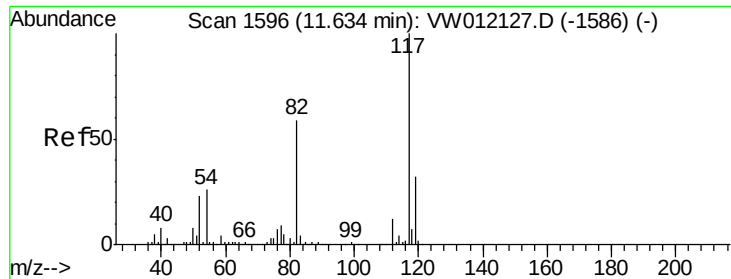
Ion Ratio Lower Upper

95 100

174 77.6 0.0 150.8

176 73.4 0.0 148.6

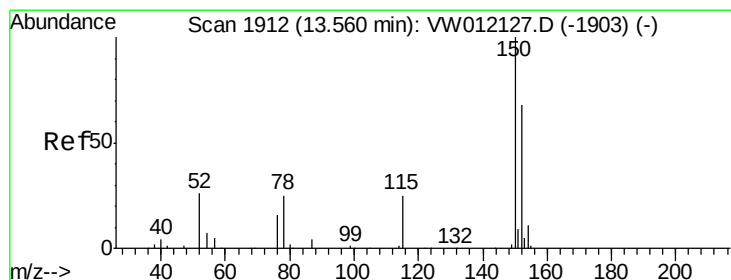
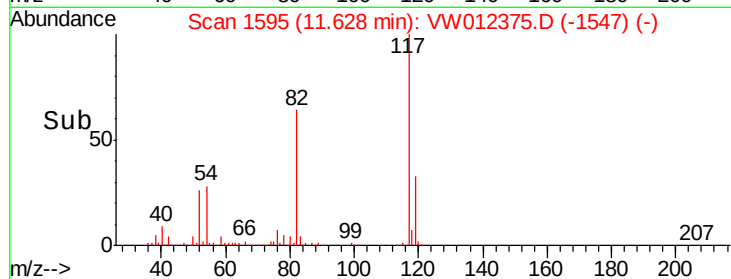
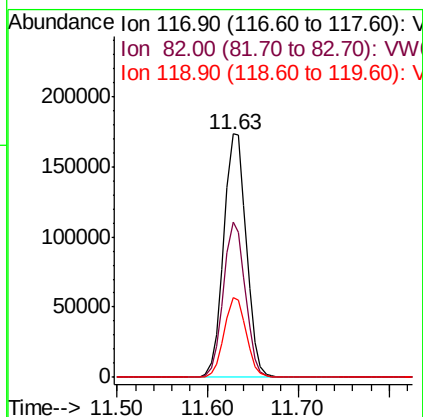
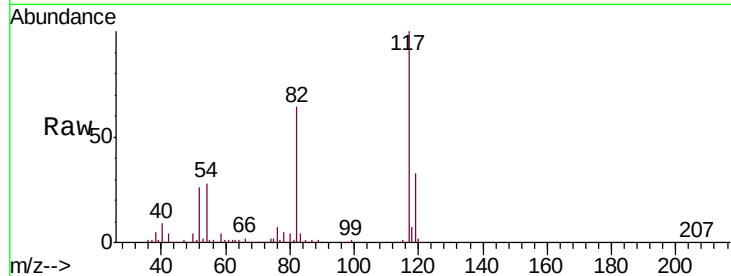




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012375.D
Acq: 31 Aug 2019 03:21

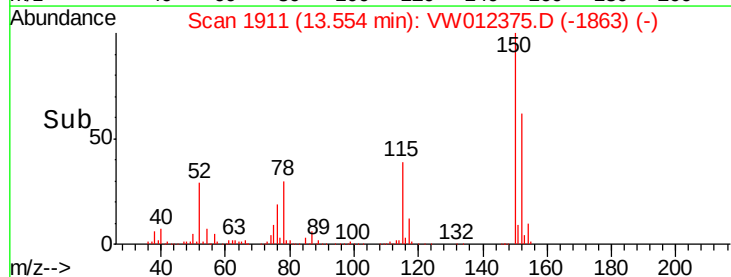
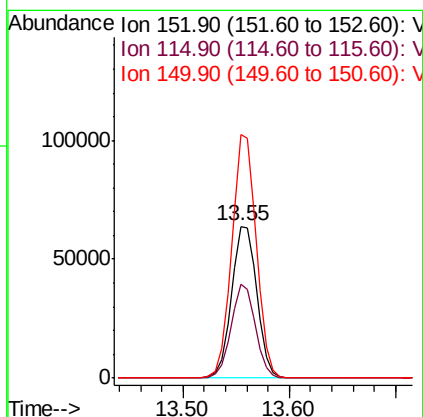
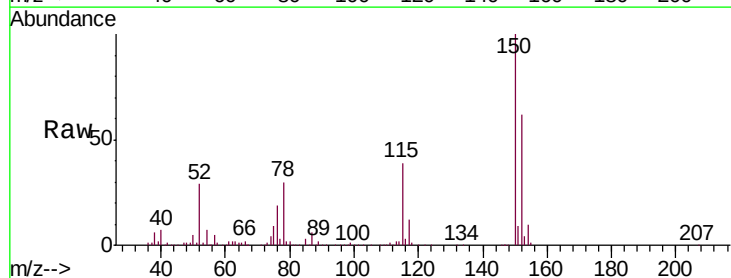
Instrument :
MSVOA_W
ClientSampleId :
S-5-(5-7)

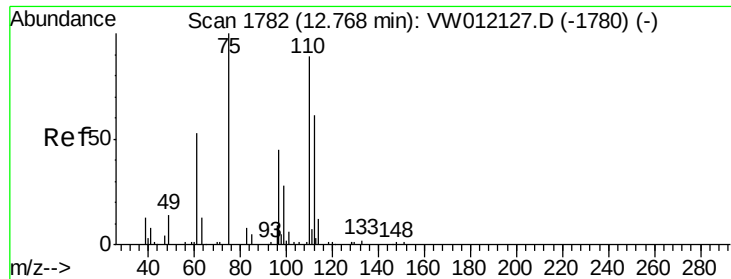
Tgt Ion	Ratio	Lower	Upper
117	100		
82	63.8	47.4	71.2
119	32.5	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012375.D
Acq: 31 Aug 2019 03:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.6	30.1	90.3
150	155.6	0.0	345.8

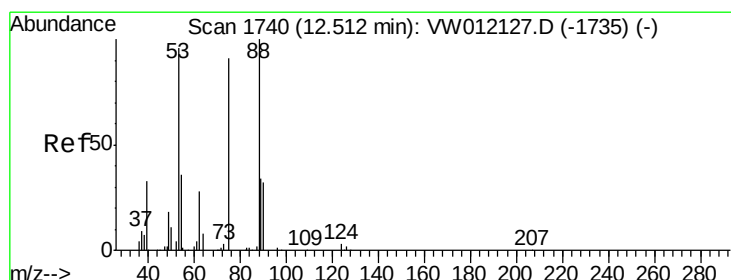
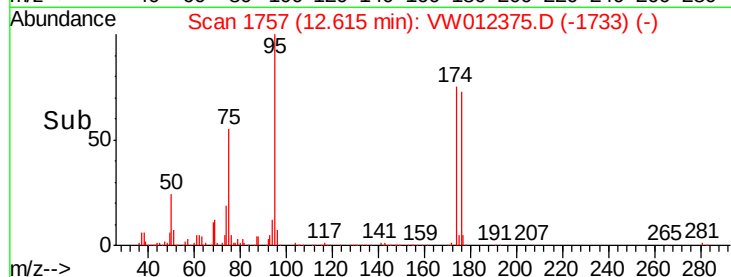
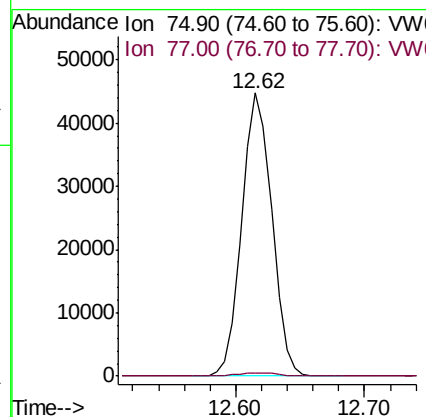
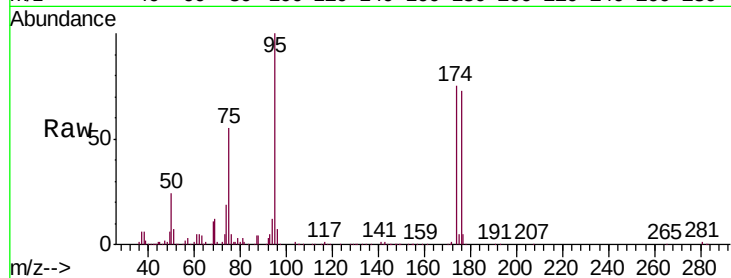




#76
 1,2,3-Trichloropropane
 Concen: 69.791 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW012375.D
 Acq: 31 Aug 2019 03:21

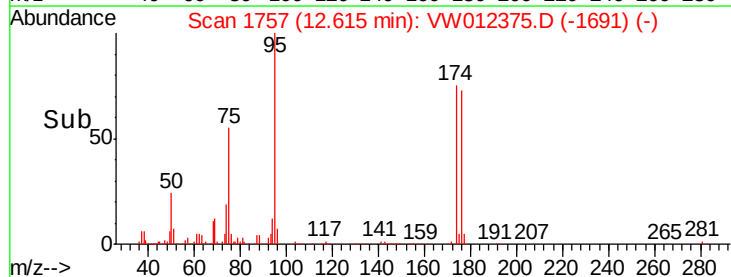
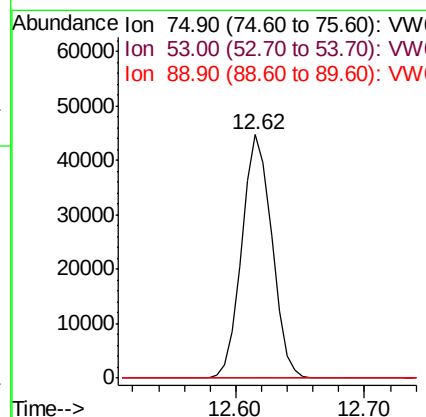
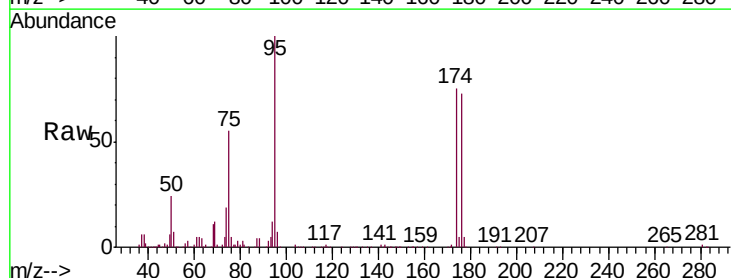
Instrument :
 MSVOA_W
 ClientSampleId :
 S-5-(5-7)

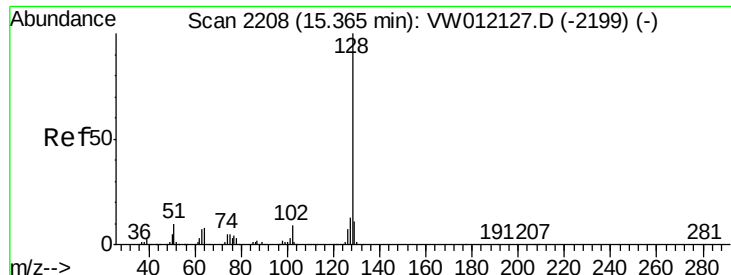
Tgt Ion: 75 Resp: 72323
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 153.019 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW012375.D
 Acq: 31 Aug 2019 03:21

Tgt Ion: 75 Resp: 72323
 Ion Ratio Lower Upper
 75 100
 53 0.1 89.4 134.0#
 89 0.0 34.5 51.7#

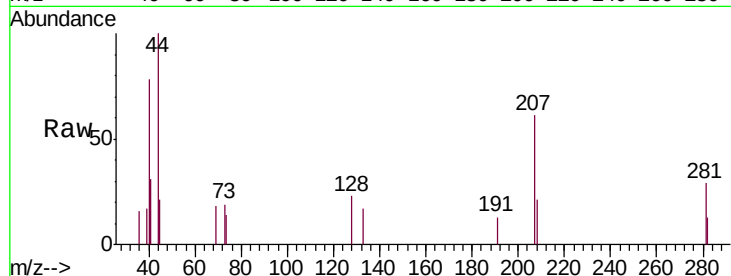




#95
Naphthalene
Concen: 4.335 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW012375.D
Acq: 31 Aug 2019 03:21

Instrument :
MSVOA_W
ClientSampleId :
S-5-(5-7)

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.7	16.1#
129	0.0	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

