

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW083119\
 Data File : VW012435.D
 Acq On : 01 Sep 2019 07:57
 Operator : SY/VA
 Sample : K4439-02RE
 Misc : 4.36G/5ML/MSVOA_W/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S-1-(1-3)RE

Quant Time: Sep 02 01:09:04 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	196070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	317348	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	186294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	32318	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	137818	59.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.26%	
35) Dibromofluoromethane	7.88	113	109432	57.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.54%	
50) Toluene-d8	10.32	98	367246	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
62) 4-Bromofluorobenzene	12.62	95	56642	20.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.84%	

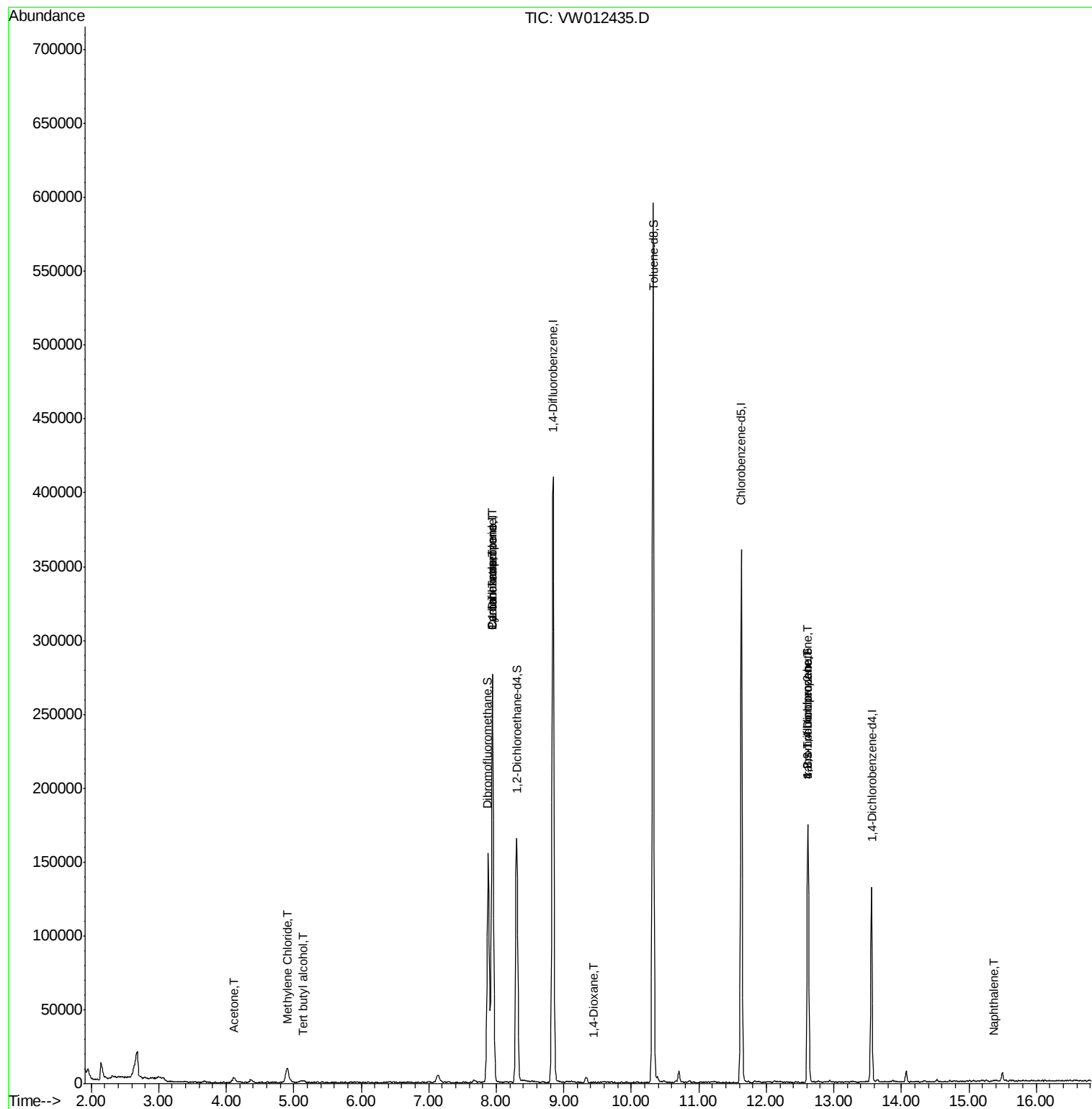
Target Compounds						Qvalue
11) Tert butyl alcohol	5.13	59	2068	14.743	ug/l #	73
16) Acetone	4.12	43	6118	10.269	ug/l	90
20) Methylene Chloride	4.90	84	6769	3.005	ug/l #	91
31) Cyclohexane	7.95	56	5501	1.310	ug/l #	4
36) 1,1-Dichloropropene	7.94	75	16814	5.127	ug/l #	53
38) Carbon Tetrachloride	7.94	117	20204	7.118	ug/l #	16
49) 1,4-Dioxane	9.45	88	40	2.437	ug/l #	8
76) 1,2,3-Trichloropropane	12.62	75	31033	98.594	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	31033	216.172	ug/l #	6
95) Naphthalene	15.36	128	95	4.392	ug/l #	69

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW083119\
Data File : VW012435.D
Acq On : 01 Sep 2019 07:57
Operator : SY/VA
Sample : K4439-02RE
Misc : 4.36G/5ML/MSVOA_W/SOIL
ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S-1-(1-3)RE

Quant Time: Sep 02 01:09:04 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 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: VW012435.D

Acq: 01 Sep 2019 07:57

Instrument :

MSVOA_W

ClientSampleId :

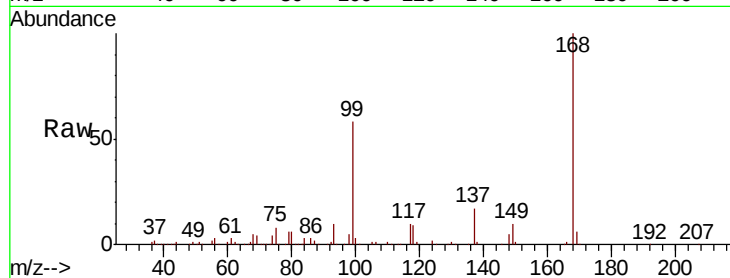
S-1-(1-3)RE

Tgt Ion:168 Resp: 196070

Ion Ratio Lower Upper

168 100

99 58.2 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

100000

80000

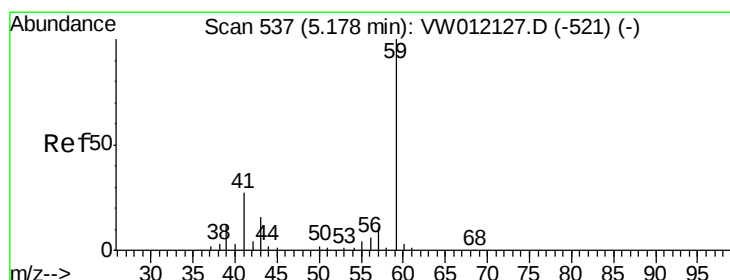
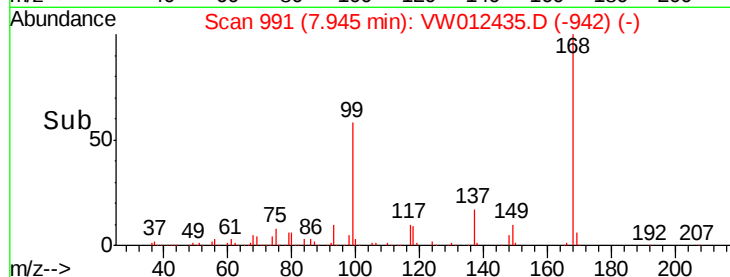
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 14.743 ug/l

RT: 5.13 min Scan# 530

Delta R.T. -0.04 min

Lab File: VW012435.D

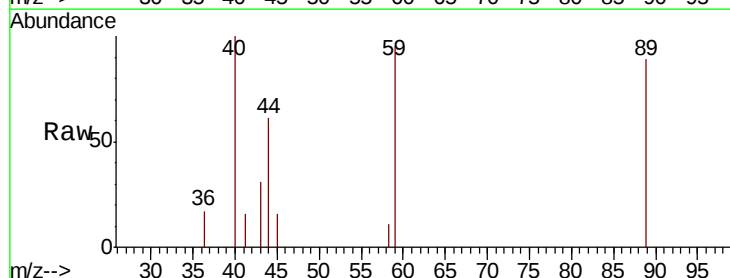
Acq: 01 Sep 2019 07:57

Tgt Ion: 59 Resp: 2068

Ion Ratio Lower Upper

59 100

57 0.9 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

500

400

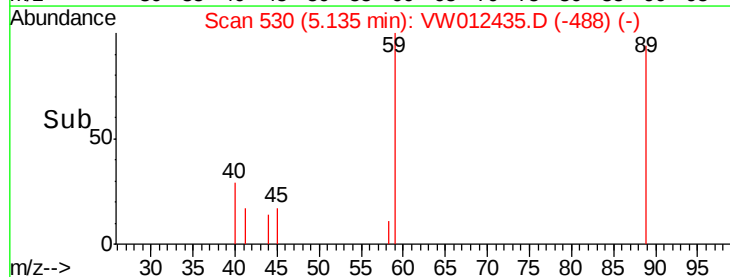
300

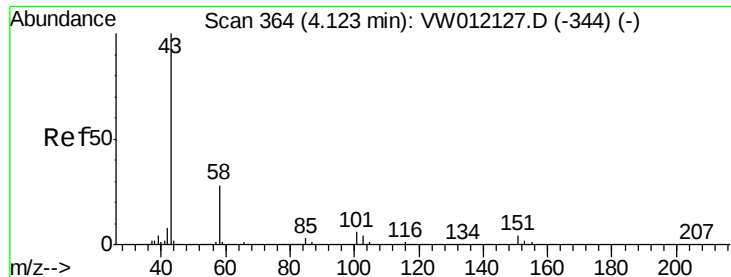
200

100

0

Time-->





#16

Acetone

Concen: 10.269 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW012435.D

Acq: 01 Sep 2019 07:57

Instrument :

MSVOA_W

ClientSampleId :

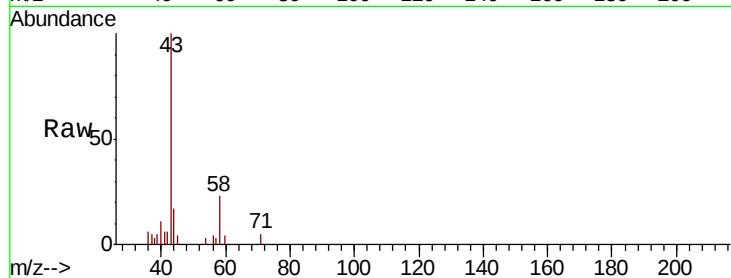
S-1-(1-3)RE

Tgt Ion: 43 Resp: 6118

Ion Ratio Lower Upper

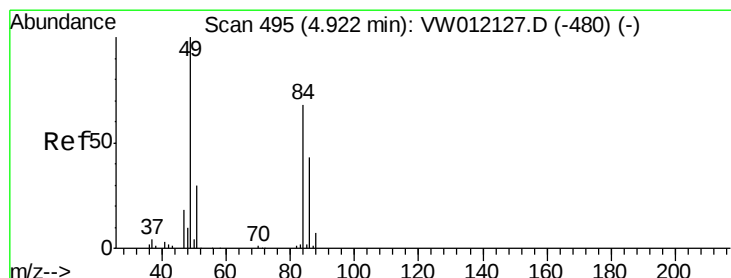
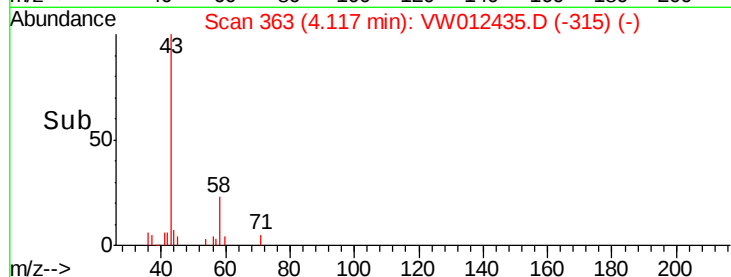
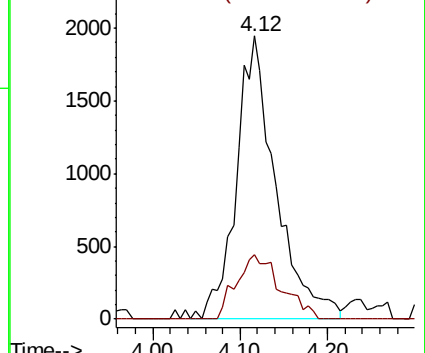
43 100

58 22.6 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 3.005 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.02 min

Lab File: VW012435.D

Acq: 01 Sep 2019 07:57

Tgt Ion: 84 Resp: 6769

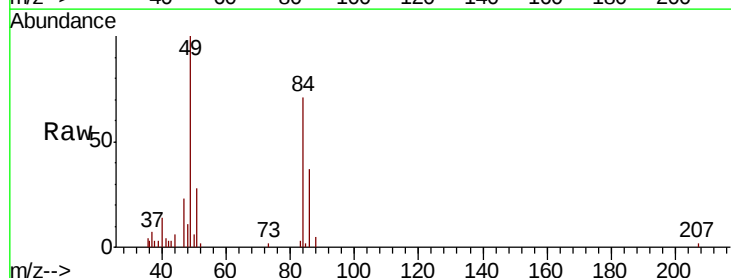
Ion Ratio Lower Upper

84 100

49 140.0 117.8 176.8

51 39.0 35.6 53.4

86 51.1 51.2 76.8#

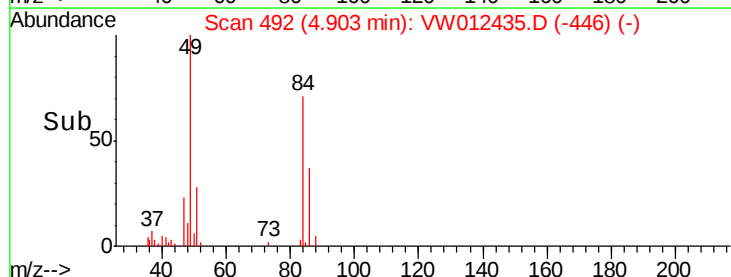
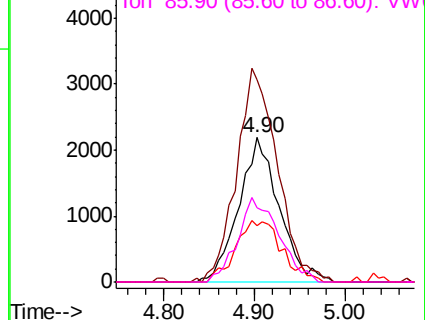


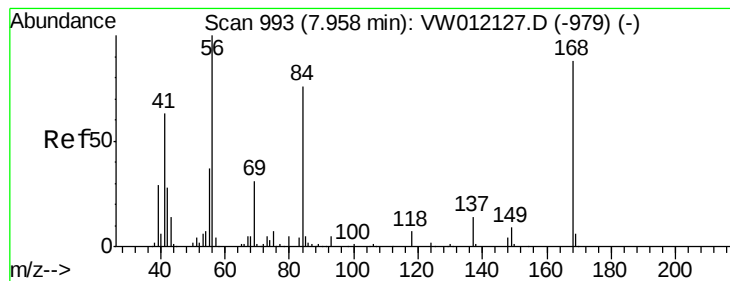
Abundance Ion 83.90 (83.60 to 84.60): VW

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





#31

Cyclohexane

Concen: 1.310 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW012435.D

Acq: 01 Sep 2019 07:57

Instrument :

MSVOA_W

ClientSampled :

S-1-(1-3)RE

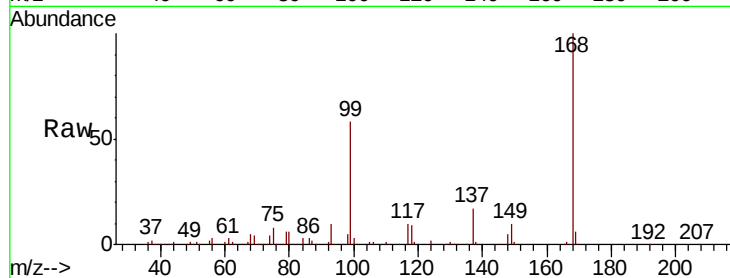
Tgt Ion: 56 Resp: 5501

Ion Ratio Lower Upper

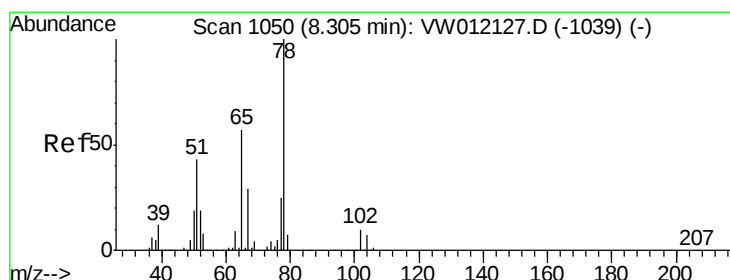
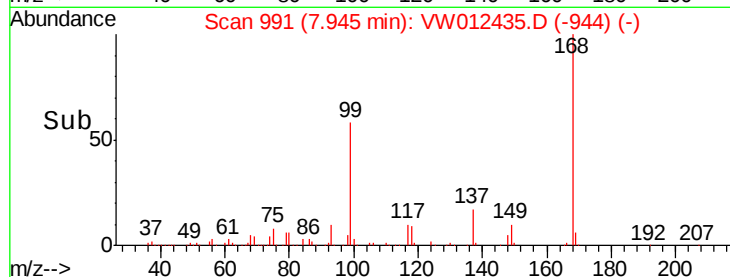
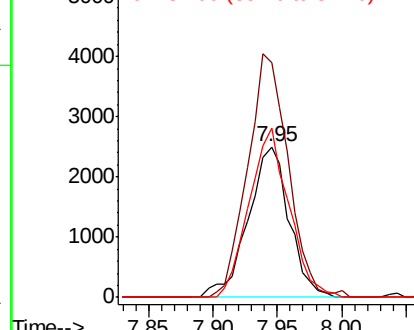
56 100

69 155.9 24.9 37.3#

84 112.1 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: 59.129 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012435.D

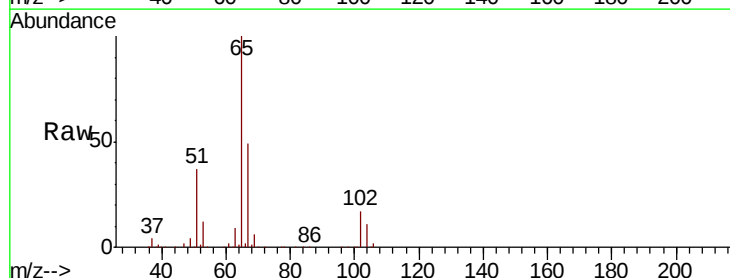
Acq: 01 Sep 2019 07:57

Tgt Ion: 65 Resp: 137818

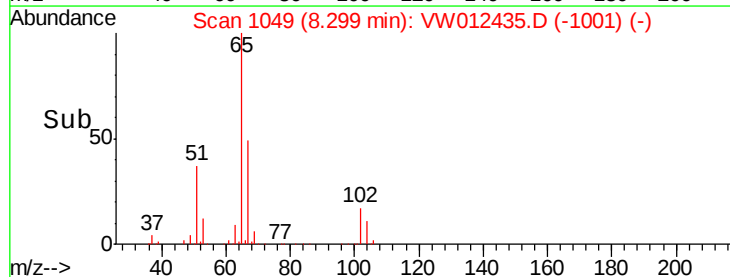
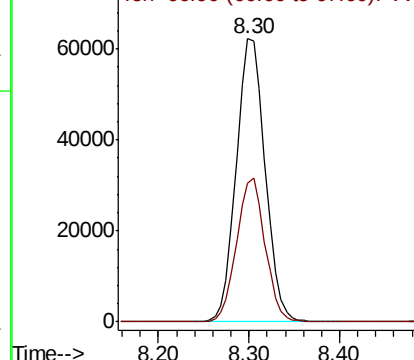
Ion Ratio Lower Upper

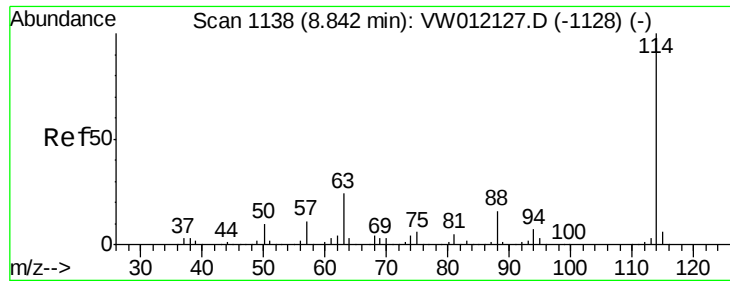
65 100

67 50.0 0.0 102.6



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

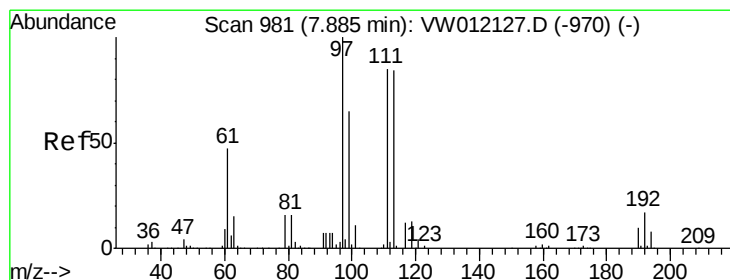
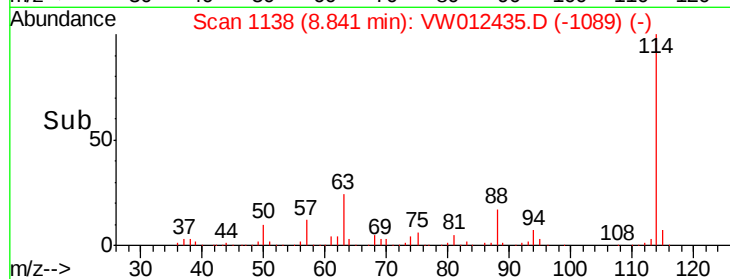
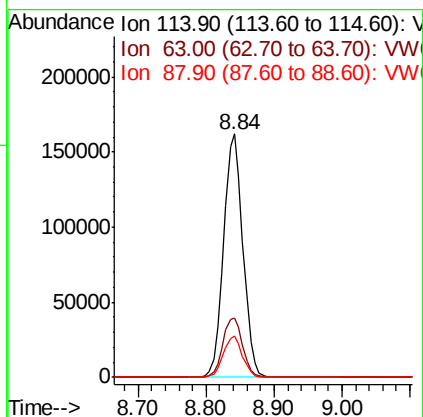
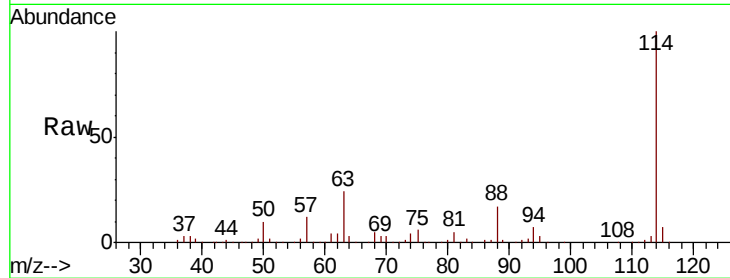




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012435.D
 Acq: 01 Sep 2019 07:57

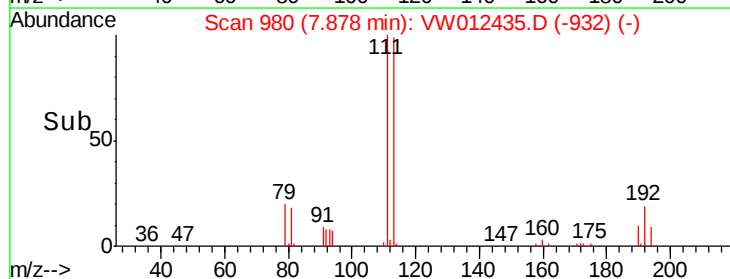
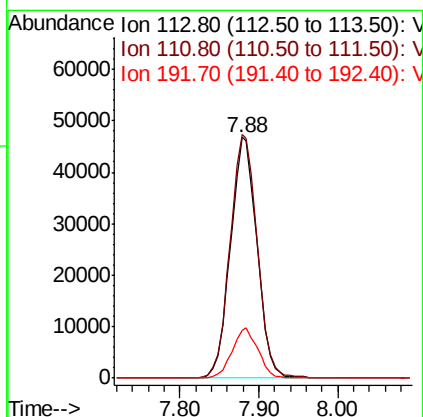
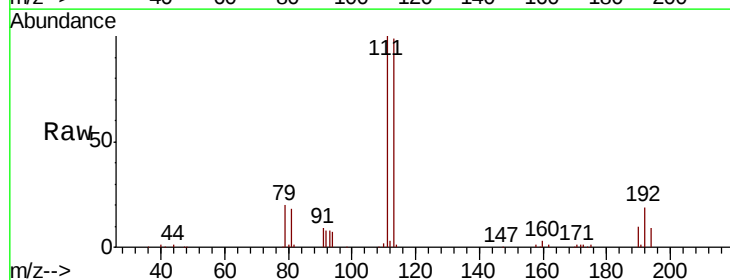
Instrument :
 MSVOA_W
 ClientSampleId :
 S-1-(1-3)RE

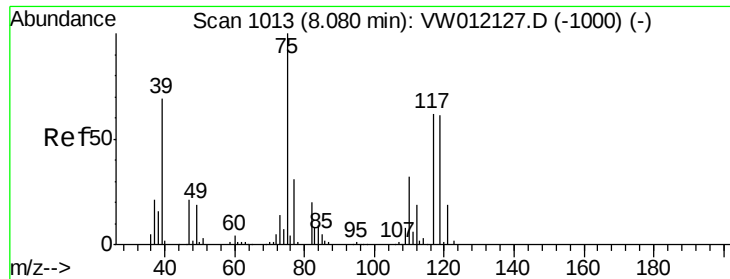
Tgt Ion:114 Resp: 317348
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 48.6
 88 16.9 0.0 32.2



#35
 Dibromofluoromethane
 Concen: 57.770 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012435.D
 Acq: 01 Sep 2019 07:57

Tgt Ion:113 Resp: 109432
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.7 124.1
 192 20.1 16.2 24.2

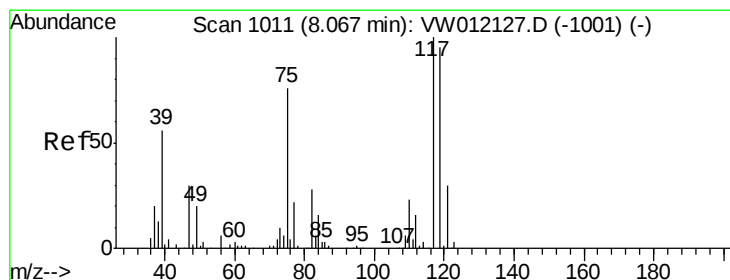
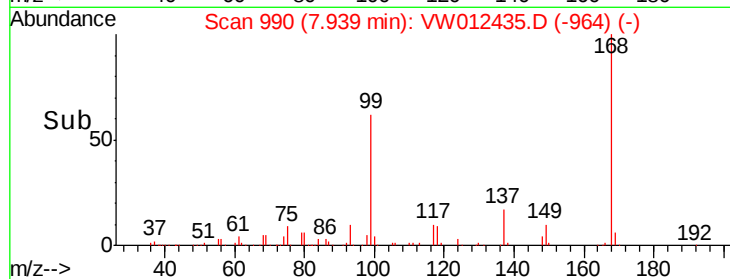
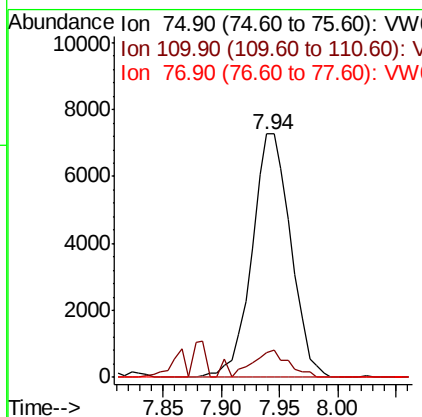
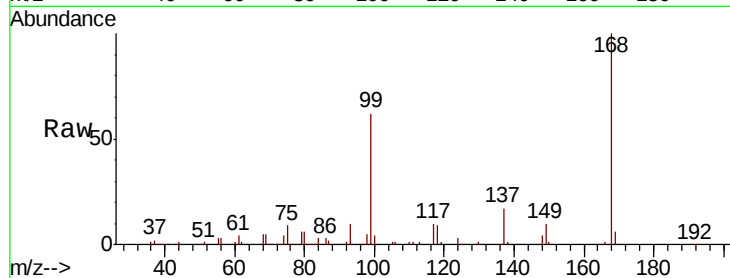




#36
 1,1-Dichloropropene
 Concen: 5.127 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW012435.D
 Acq: 01 Sep 2019 07:57

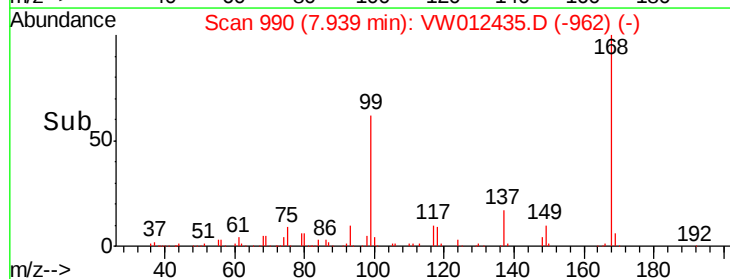
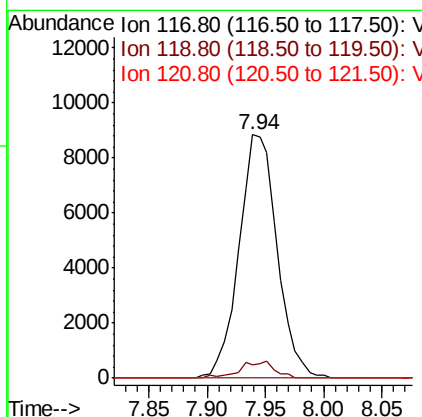
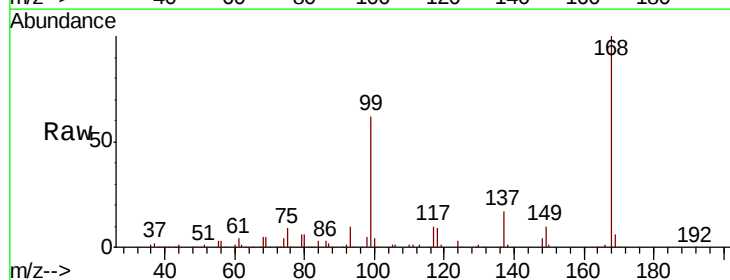
Instrument :
 MSVOA_W
 ClientSampleId :
 S-1-(1-3)RE

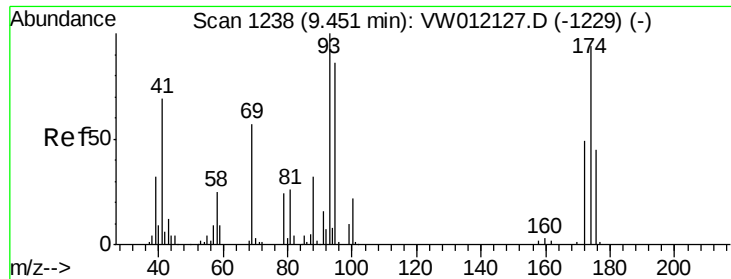
Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.4	15.6	46.8#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 7.118 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.13 min
 Lab File: VW012435.D
 Acq: 01 Sep 2019 07:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.2	114.2#
121	0.0	23.8	35.8#

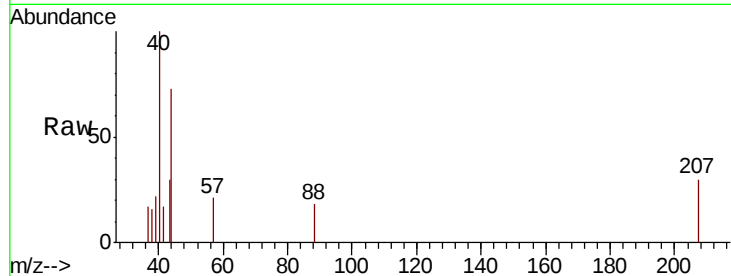




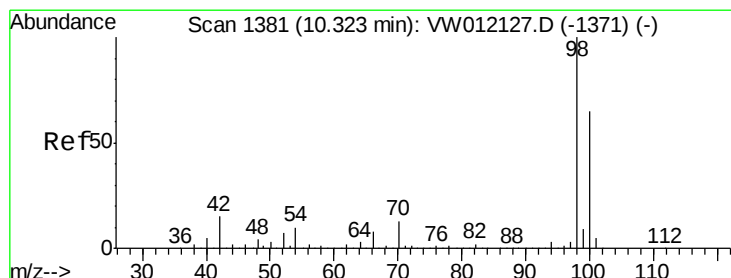
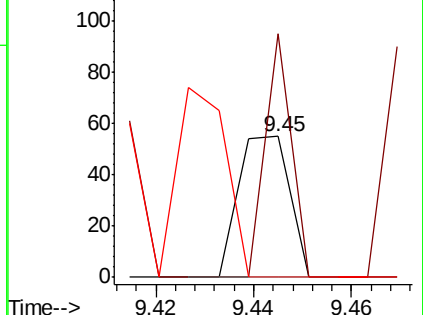
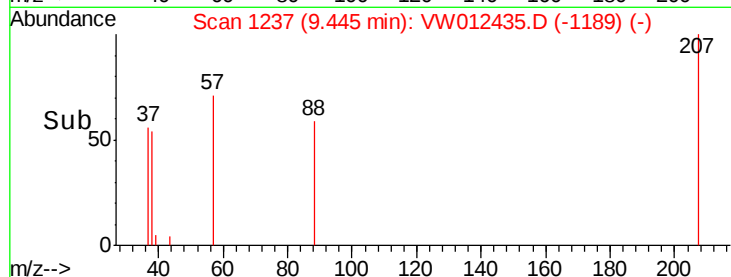
#49
 1,4-Dioxane
 Concen: 2.437 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: VW012435.D
 Acq: 01 Sep 2019 07:57

Instrument :
 MSVOA_W
 ClientSampleId :
 S-1-(1-3)RE

Tgt Ion: 88 Resp: 40
 Ion Ratio Lower Upper
 88 100
 43 87.5 32.9 49.3#
 58 182.5 71.0 106.4#

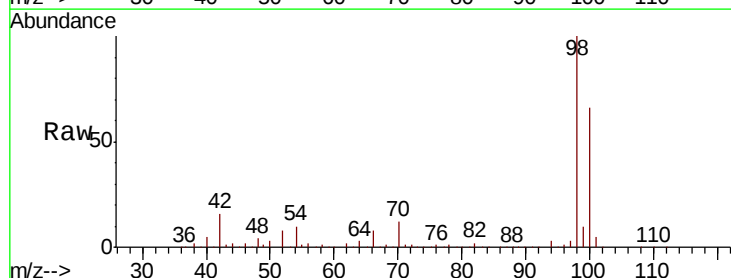


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

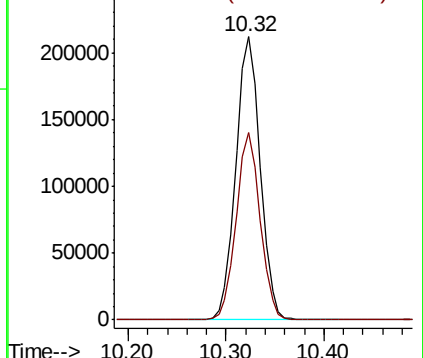
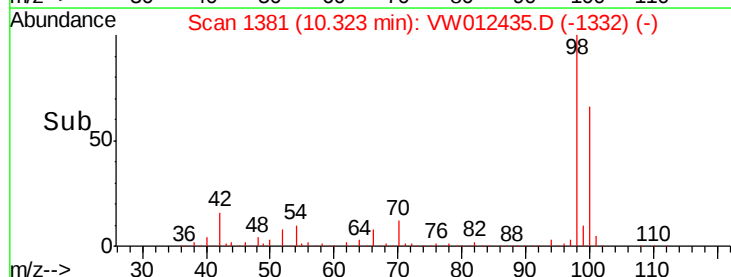


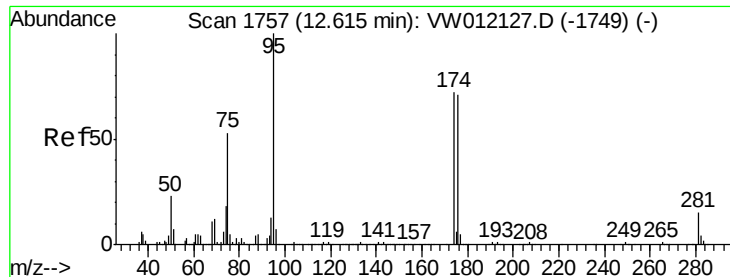
#50
 Toluene-d8
 Concen: 47.814 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012435.D
 Acq: 01 Sep 2019 07:57

Tgt Ion: 98 Resp: 367246
 Ion Ratio Lower Upper
 98 100
 100 65.0 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW

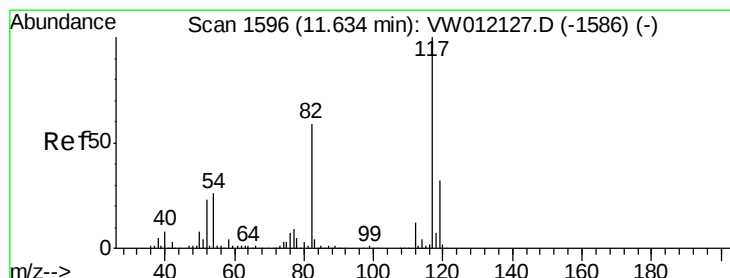
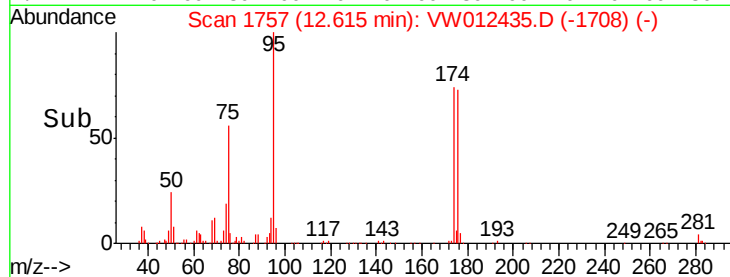
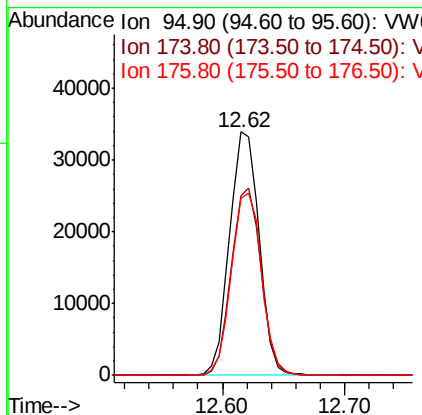
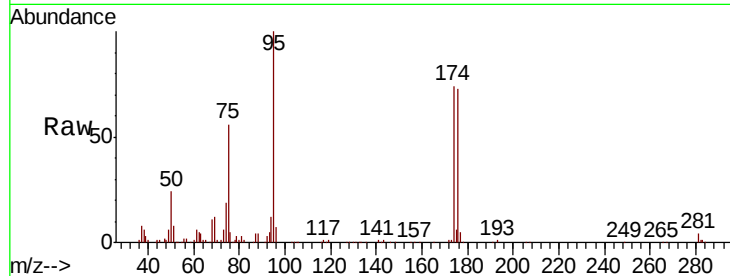




#62
4-Bromofluorobenzene
Concen: 20.921 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012435.D
Acq: 01 Sep 2019 07:57

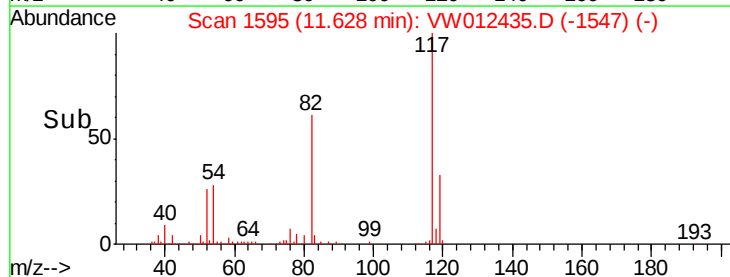
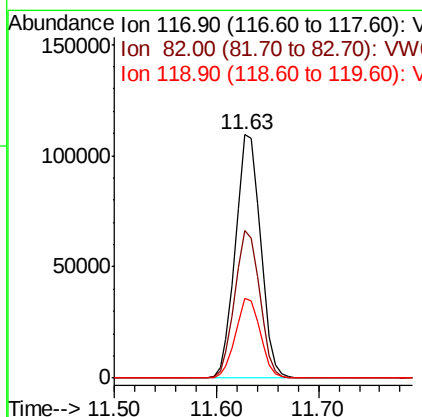
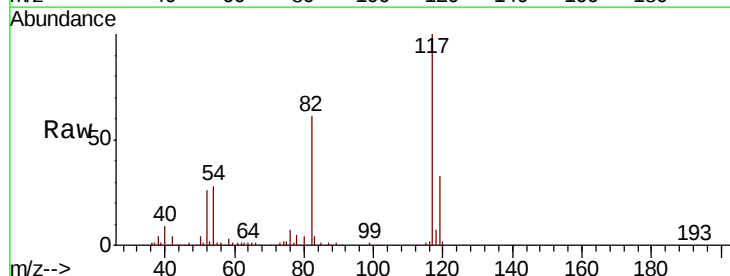
Instrument :
MSVOA_W
ClientSampleId :
S-1-(1-3)RE

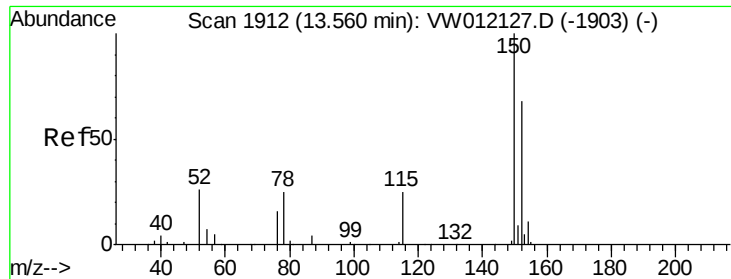
Tgt Ion: 95 Resp: 56642
Ion Ratio Lower Upper
95 100
174 77.2 0.0 150.8
176 76.0 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012435.D
Acq: 01 Sep 2019 07:57

Tgt Ion: 117 Resp: 186294
Ion Ratio Lower Upper
117 100
82 60.8 47.4 71.2
119 32.5 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012435.D

Acq: 01 Sep 2019 07:57

Instrument :

MSVOA_W

ClientSampleId :

S-1-(1-3)RE

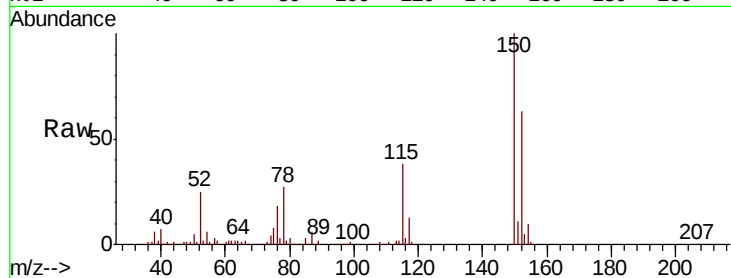
Tgt Ion:152 Resp: 32318

Ion Ratio Lower Upper

152 100

115 60.9 30.1 90.3

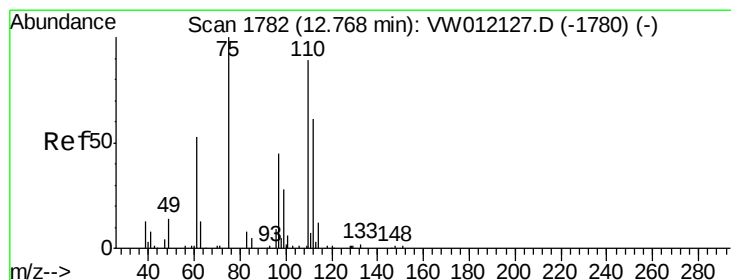
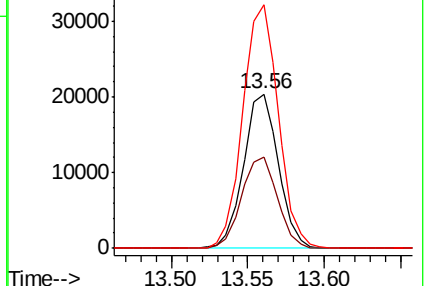
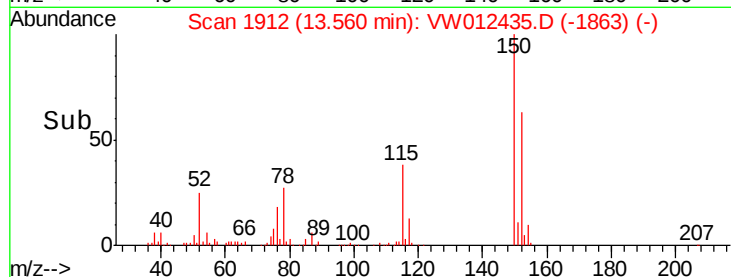
150 160.1 0.0 345.8



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: 98.594 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012435.D

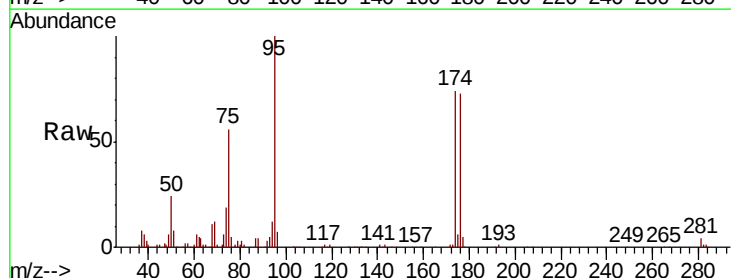
Acq: 01 Sep 2019 07:57

Tgt Ion: 75 Resp: 31033

Ion Ratio Lower Upper

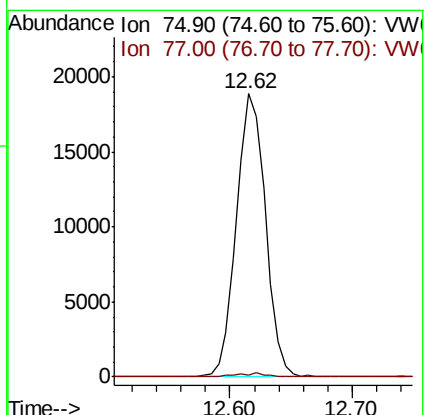
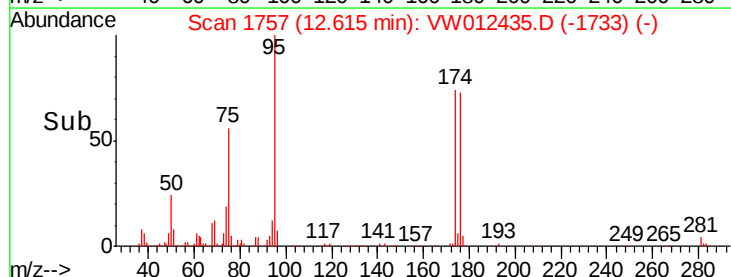
75 100

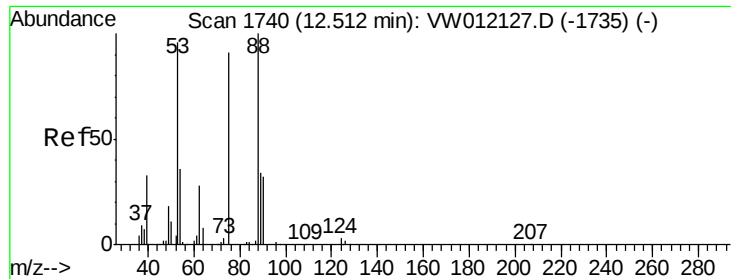
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

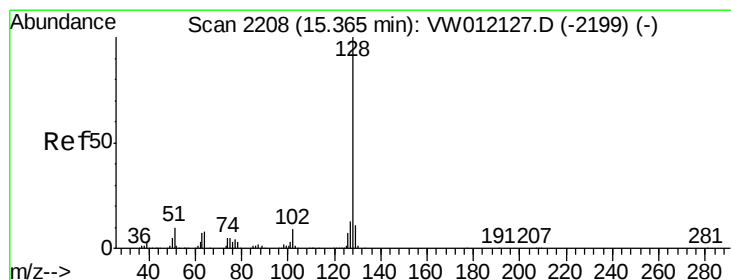
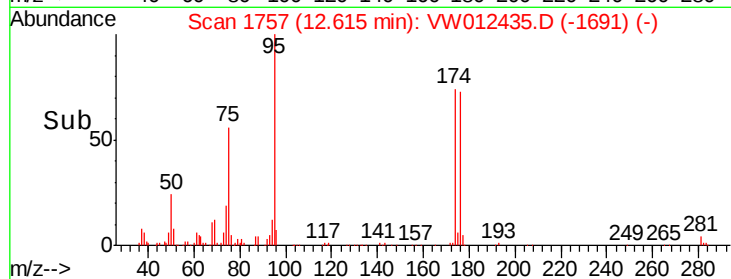
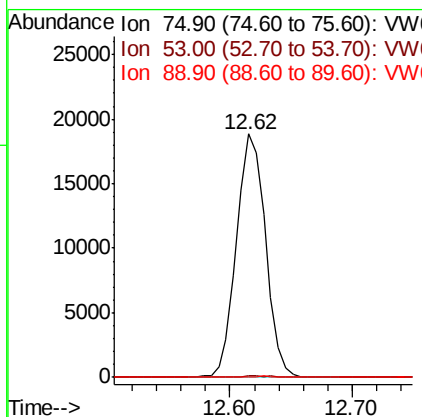
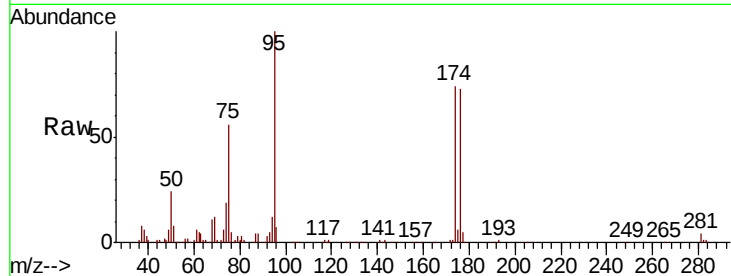




#81
trans-1,4-Dichloro-2-butene
Concen: 216.172 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW012435.D
Acq: 01 Sep 2019 07:57

Instrument :
MSVOA_W
ClientSampleId :
S-1-(1-3)RE

Tgt Ion: 75 Resp: 31033
Ion Ratio Lower Upper
75 100
53 0.3 89.4 134.0#
89 0.0 34.5 51.7#



#95
Naphthalene
Concen: 4.392 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012435.D
Acq: 01 Sep 2019 07:57

Tgt Ion: 128 Resp: 95
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 8.7 13.1#

