

Data File : VW012175.D
Acq On : 26 Aug 2019 16:46
Operator : SY/VA
Sample : VW0826SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0826SBL02

Quant Time: Aug 27 04:52:59 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	217315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	360174	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	305060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	131753	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	135871	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	
35) Dibromofluoromethane	7.88	113	112279	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	
50) Toluene-d8	10.32	98	445878	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
62) 4-Bromofluorobenzene	12.62	95	144358	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	

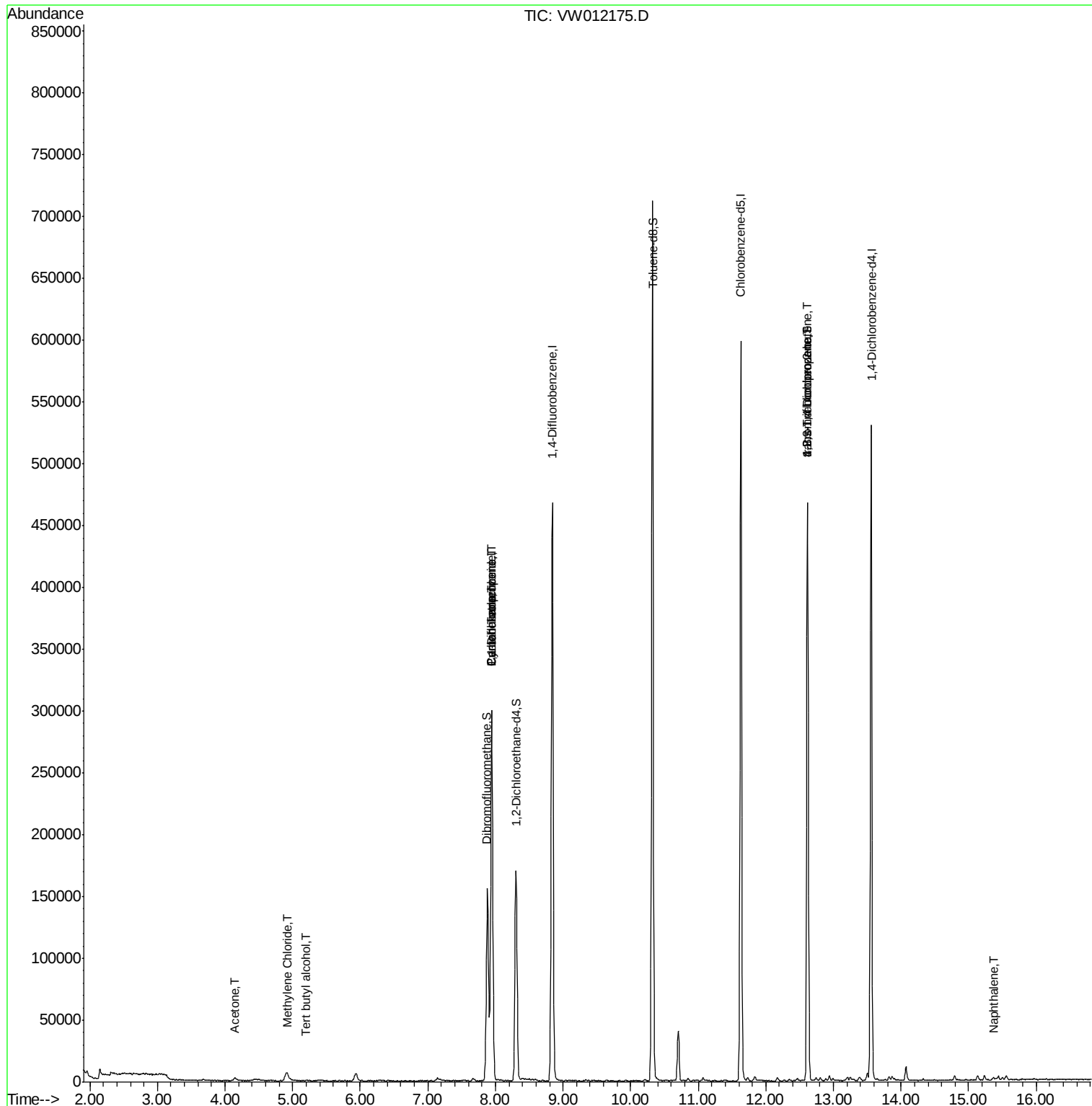
Target Compounds				Qvalue		
11) Tert butyl alcohol	5.19	59	501	3.223	ug/l #	71
16) Acetone	4.15	43	5360	8.117	ug/l #	88
20) Methylene Chloride	4.91	84	4968	1.990	ug/l	89
31) Cyclohexane	7.95	56	5770	1.240	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	18797	5.050	ug/l #	52
38) Carbon Tetrachloride	7.94	117	22018	6.835	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	79220	61.737	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	79220	135.361	ug/l #	6
95) Naphthalene	15.37	128	1585	4.612	ug/l	99

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

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Instrument :
MSVOA_W
ClientSampleId :
VW0826SBL02

Quant Time: Aug 27 04:52:59 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012175.D

Acq: 26 Aug 2019 16:46

Instrument :

MSVOA_W

ClientSampled :

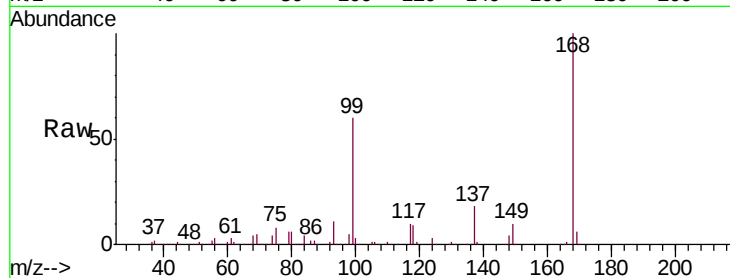
VW0826SBL02

Tgt Ion:168 Resp: 217315

Ion Ratio Lower Upper

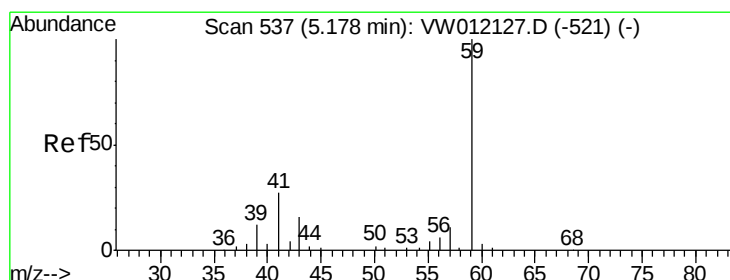
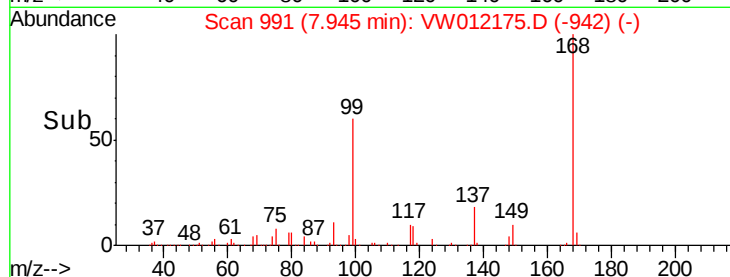
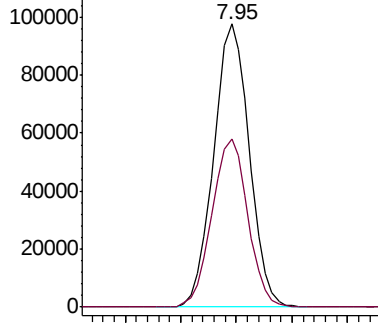
168 100

99 59.6 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 3.223 ug/l

RT: 5.19 min Scan# 539

Delta R.T. 0.01 min

Lab File: VW012175.D

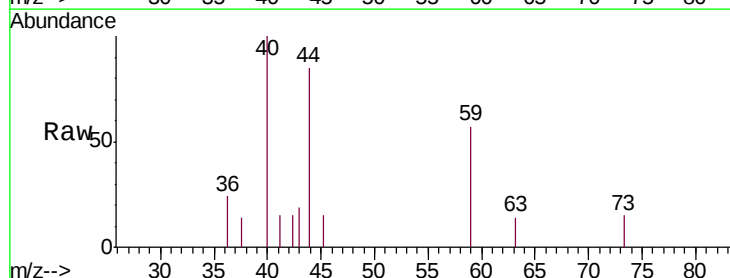
Acq: 26 Aug 2019 16:46

Tgt Ion: 59 Resp: 501

Ion Ratio Lower Upper

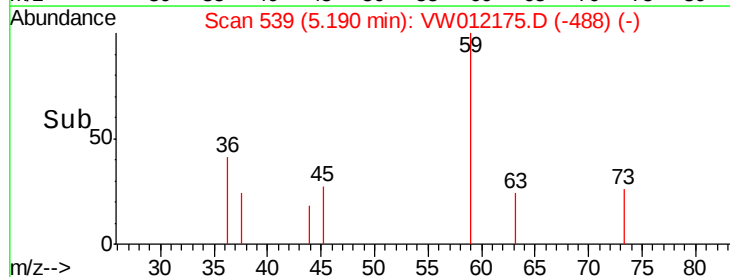
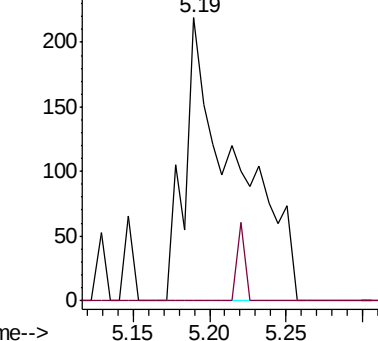
59 100

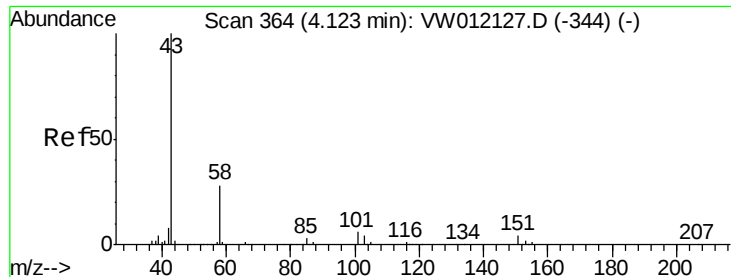
57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

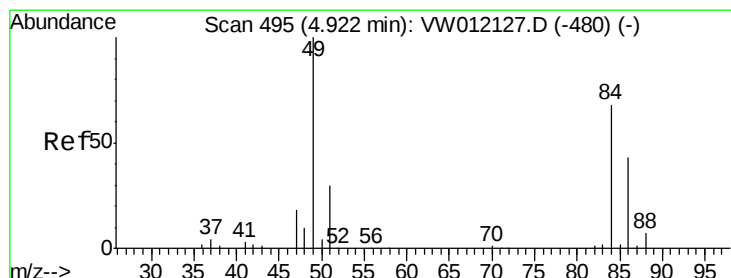
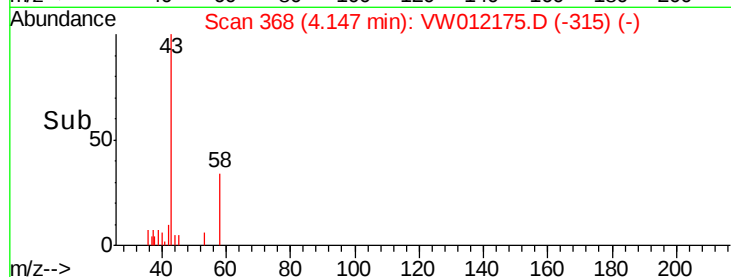
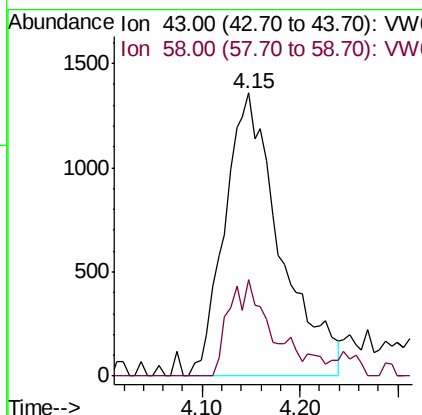
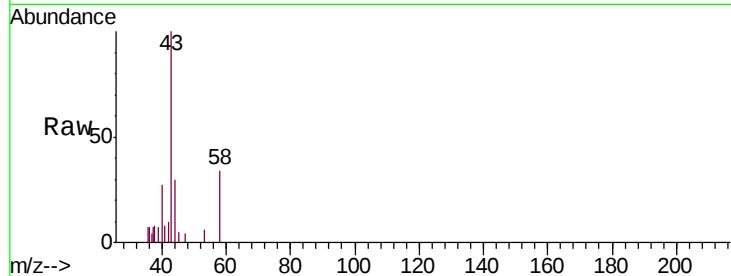




#16
Acetone
Concen: 8.117 ug/l
RT: 4.15 min Scan# 368
Delta R.T. 0.02 min
Lab File: VW012175.D
Acq: 26 Aug 2019 16:46

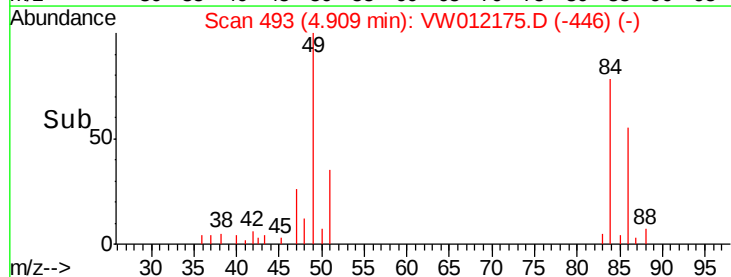
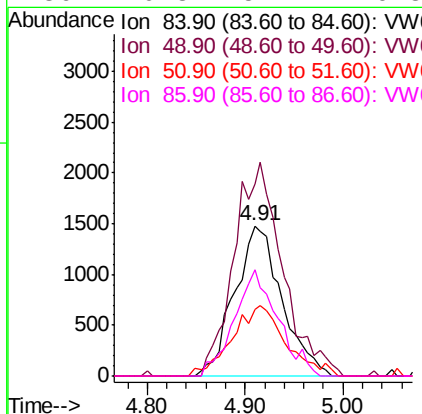
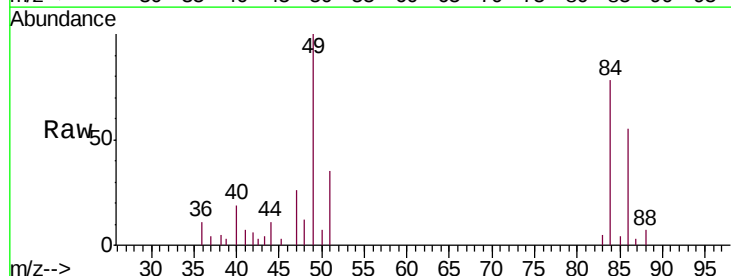
Instrument :
MSVOA_W
ClientSampleId :
VW0826SBL02

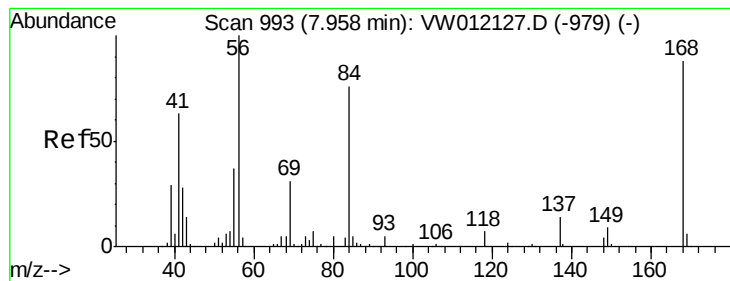
Tgt Ion: 43 Resp: 5360
Ion Ratio Lower Upper
43 100
58 34.3 22.4 33.6#



#20
Methylene Chloride
Concen: 1.990 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012175.D
Acq: 26 Aug 2019 16:46

Tgt Ion: 84 Resp: 4968
Ion Ratio Lower Upper
84 100
49 127.8 117.8 176.8
51 44.1 35.6 53.4
86 70.8 51.2 76.8





#31

Cyclohexane

Concen: 1.240 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW012175.D

Acq: 26 Aug 2019 16:46

Instrument :

MSVOA_W

ClientSampleId :

VW0826SBL02

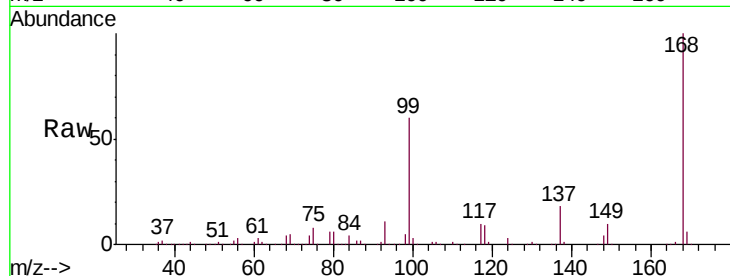
Tgt Ion: 56 Resp: 5770

Ion Ratio Lower Upper

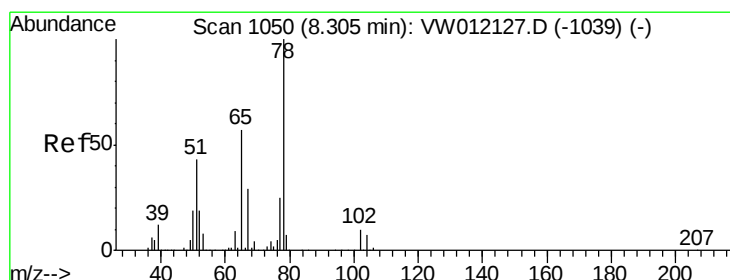
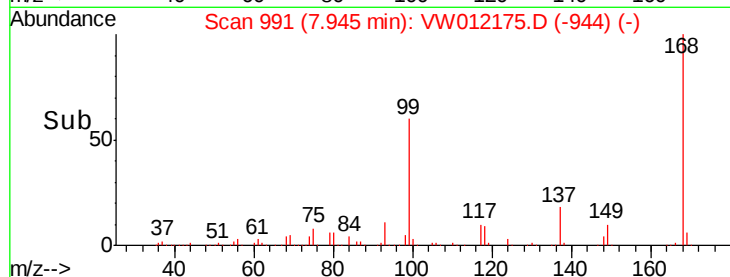
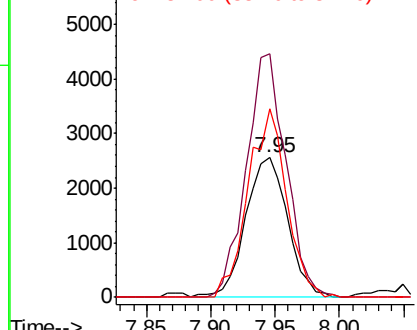
56 100

69 174.1 24.9 37.3#

84 134.9 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: 52.595 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012175.D

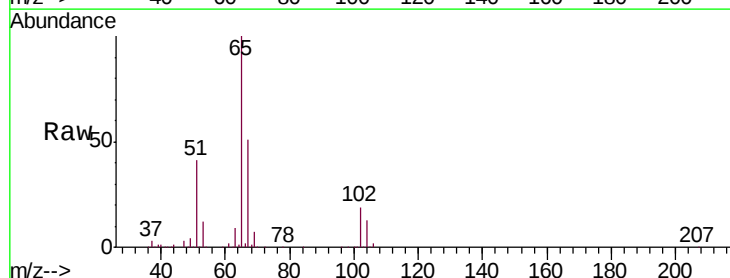
Acq: 26 Aug 2019 16:46

Tgt Ion: 65 Resp: 135871

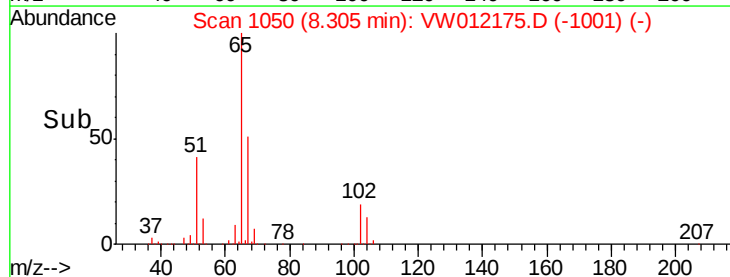
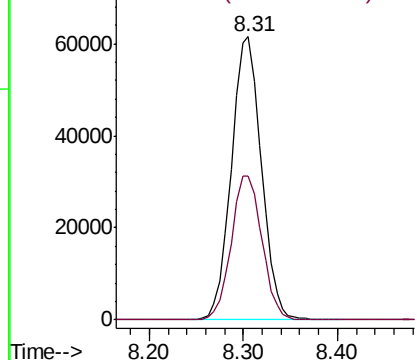
Ion Ratio Lower Upper

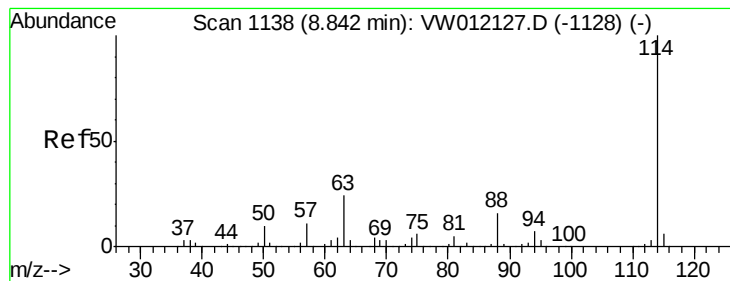
65 100

67 52.2 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: VW012175.D

Acq: 26 Aug 2019 16:46

Instrument :

MSVOA_W

ClientSampleId :

VW0826SBL02

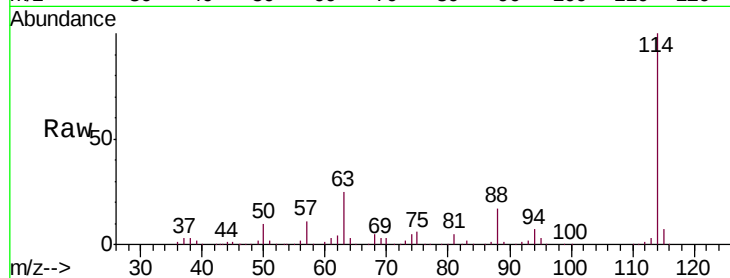
Tgt Ion:114 Resp: 360174

Ion Ratio Lower Upper

114 100

63 24.6 0.0 48.6

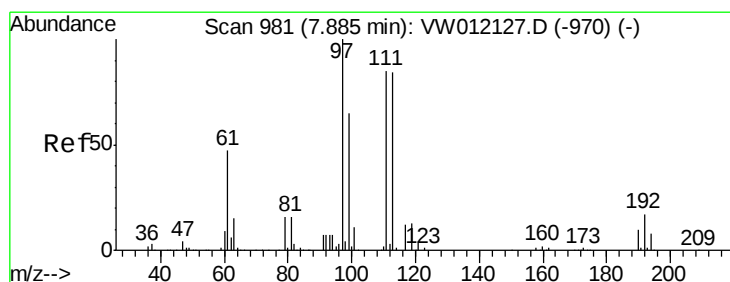
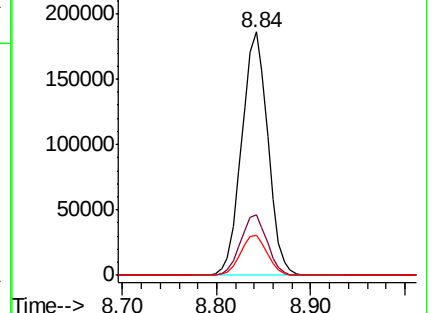
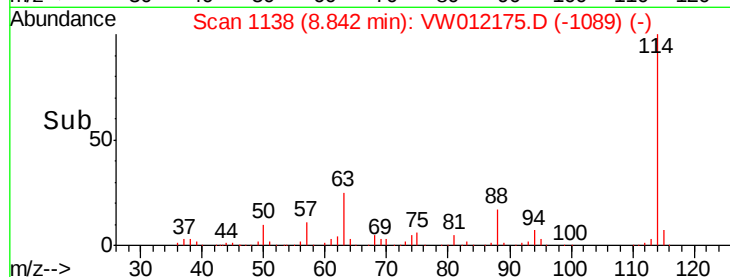
88 16.7 0.0 32.2



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: 52.225 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012175.D

Acq: 26 Aug 2019 16:46

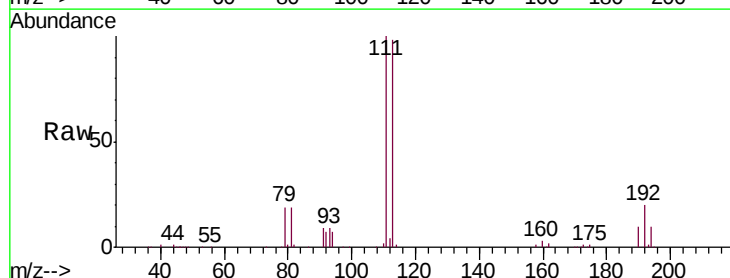
Tgt Ion:113 Resp: 112279

Ion Ratio Lower Upper

113 100

111 102.2 82.7 124.1

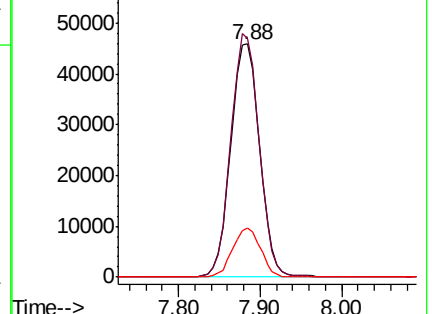
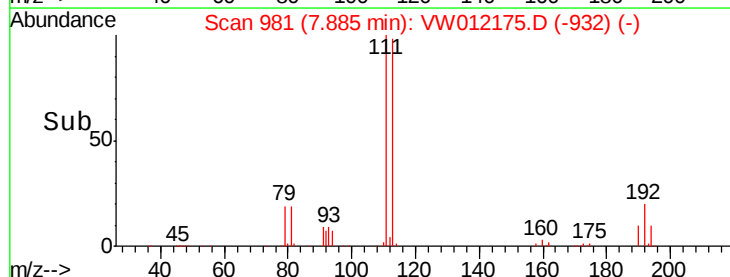
192 20.3 16.2 24.2

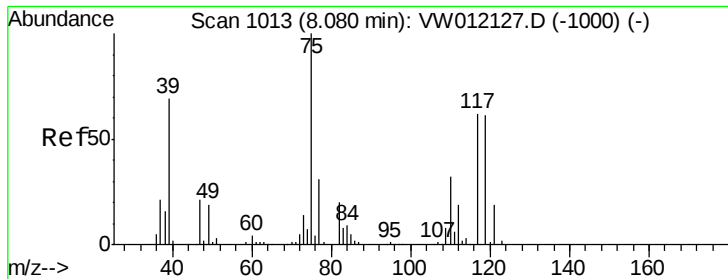


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

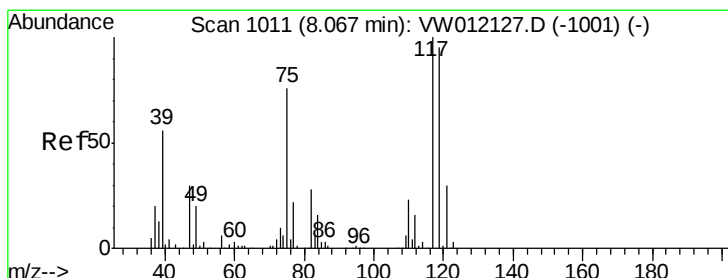
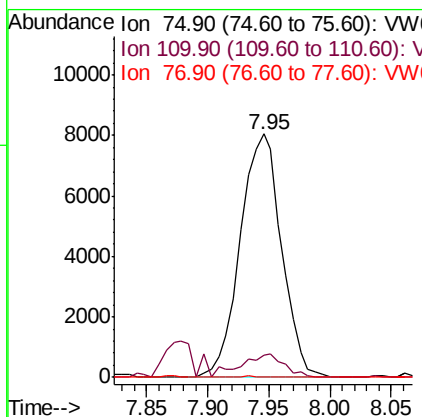
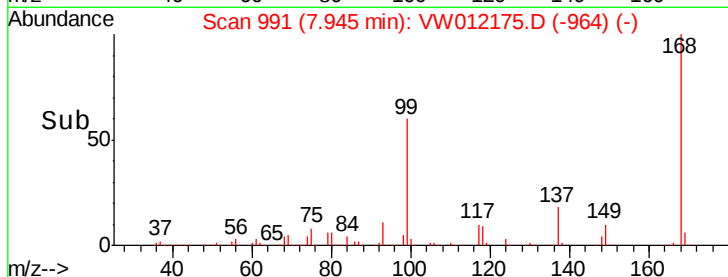
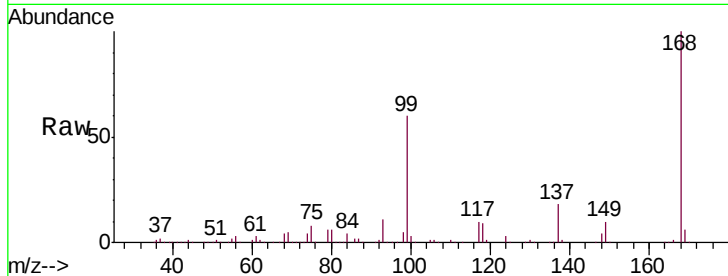




#36
 1,1-Dichloropropene
 Concen: 5.050 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012175.D
 Acq: 26 Aug 2019 16:46

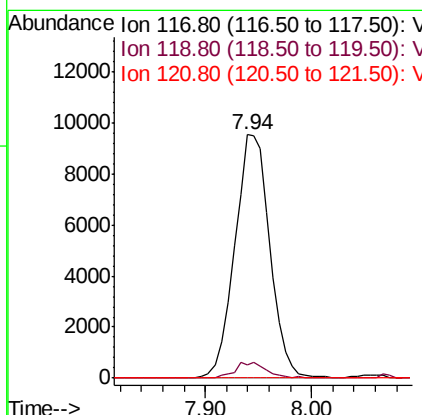
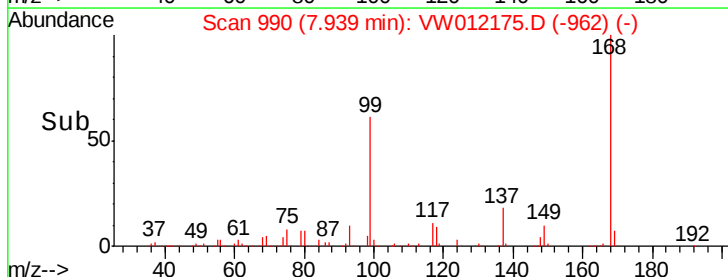
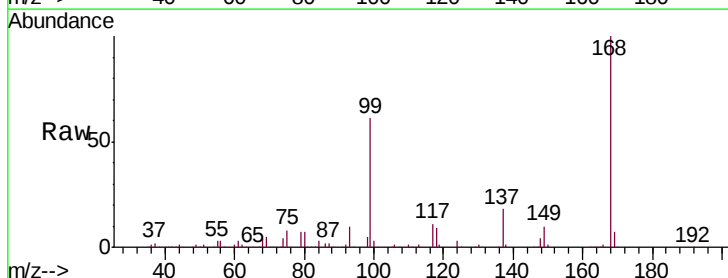
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0826SBL02

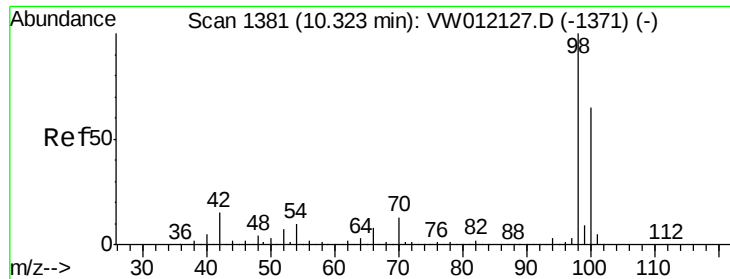
Tgt Ion: 75 Resp: 18797
 Ion Ratio Lower Upper
 75 100
 110 8.9 15.6 46.8#
 77 0.1 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 6.835 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.13 min
 Lab File: VW012175.D
 Acq: 26 Aug 2019 16:46

Tgt Ion: 117 Resp: 22018
 Ion Ratio Lower Upper
 117 100
 119 5.6 76.2 114.2#
 121 0.0 23.8 35.8#





#50

Toluene-d8

Concen: 51.149 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012175.D

Acq: 26 Aug 2019 16:46

Instrument :

MSVOA_W

ClientSampleId :

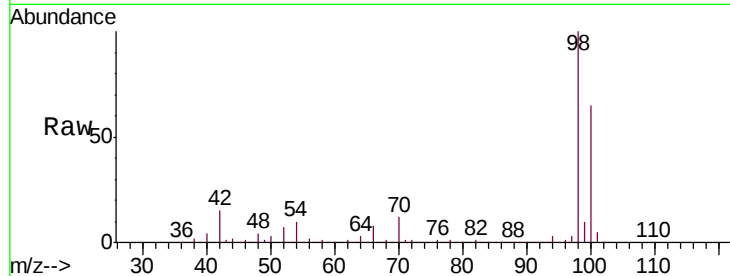
VW0826SBL02

Tgt Ion: 98 Resp: 445878

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

10.32

250000

200000

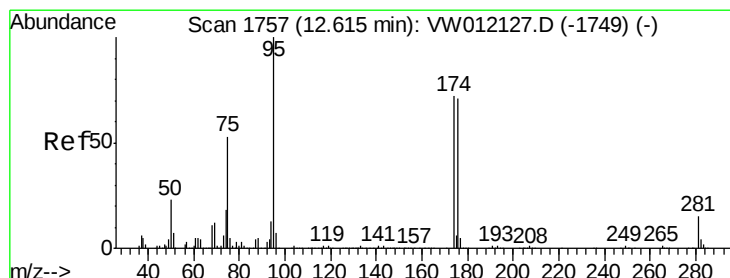
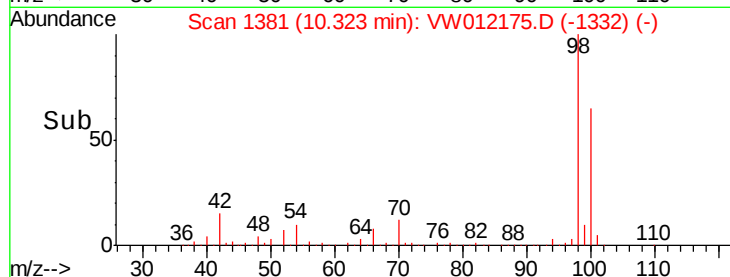
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.979 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012175.D

Acq: 26 Aug 2019 16:46

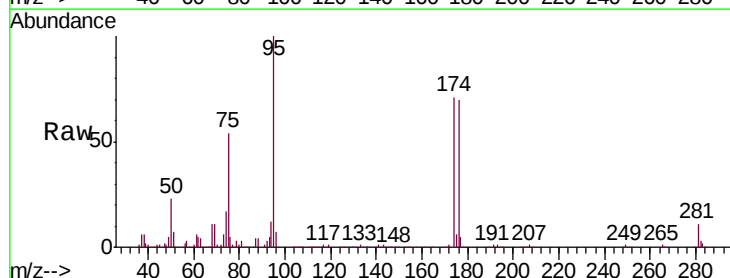
Tgt Ion: 95 Resp: 144358

Ion Ratio Lower Upper

95 100

174 77.0 0.0 150.8

176 74.2 0.0 148.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

120000

100000

80000

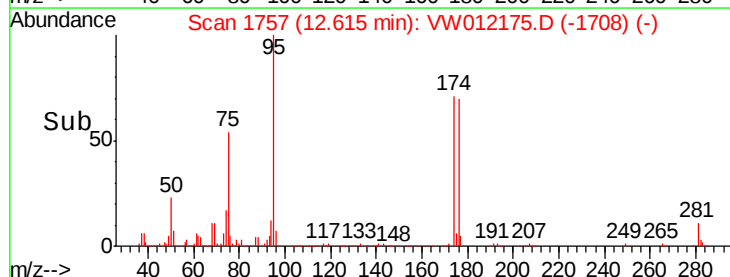
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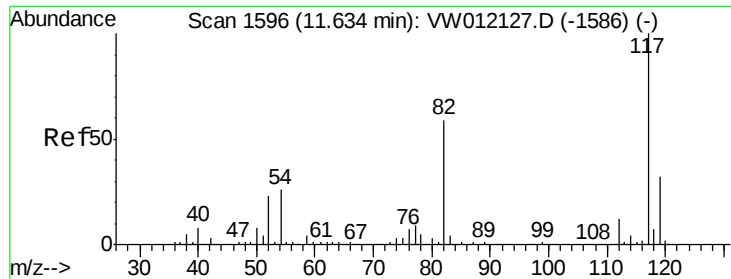
40000

20000

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Time-->

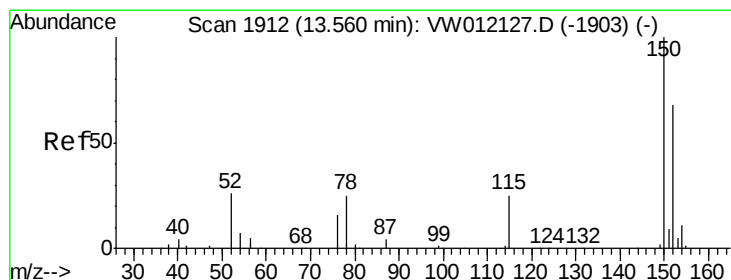
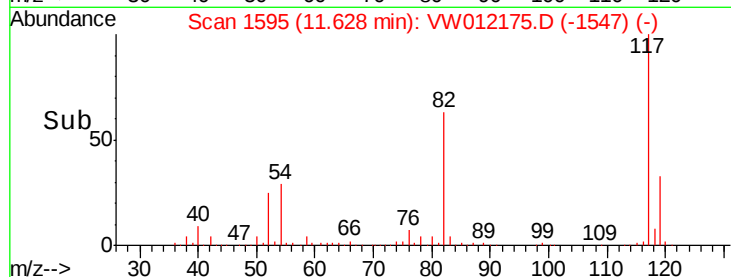
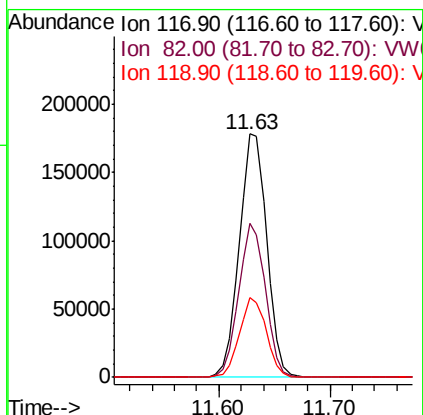
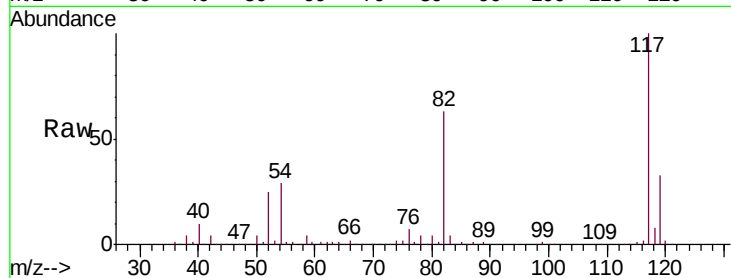




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012175.D
Acq: 26 Aug 2019 16:46

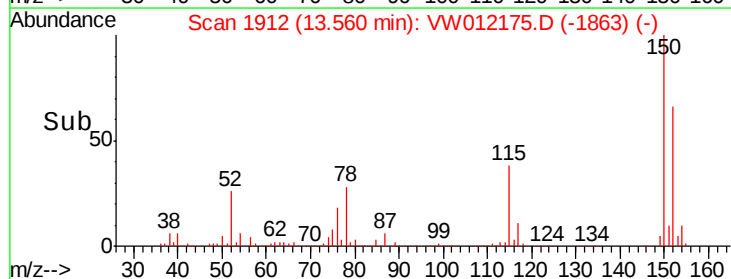
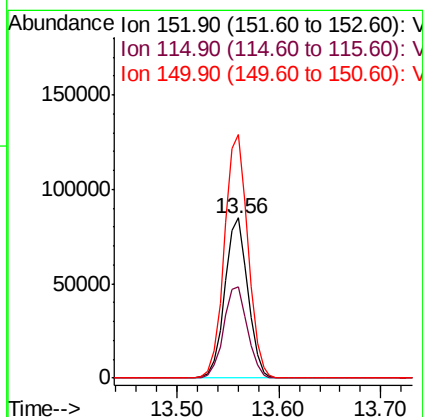
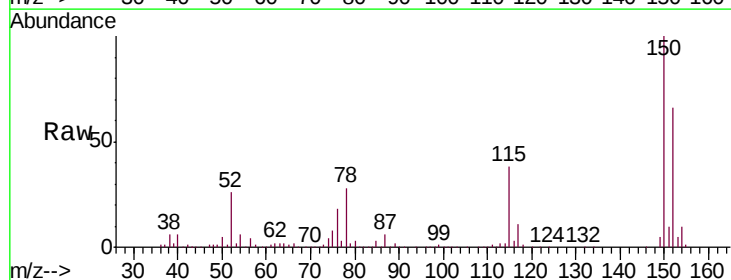
Instrument :
MSVOA_W
ClientSampleId :
VW0826SBL02

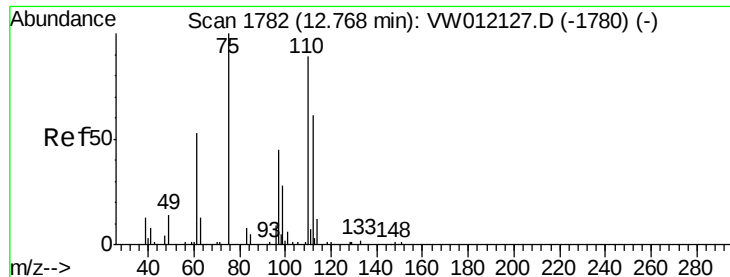
Tgt Ion:117 Resp: 305060
Ion Ratio Lower Upper
117 100
82 63.2 47.4 71.2
119 32.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012175.D
Acq: 26 Aug 2019 16:46

Tgt Ion:152 Resp: 131753
Ion Ratio Lower Upper
152 100
115 59.4 30.1 90.3
150 155.5 0.0 345.8





#76

1,2,3-Trichloropropane

Concen: 61.737 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012175.D

Acq: 26 Aug 2019 16:46

Instrument :

MSVOA_W

ClientSampled :

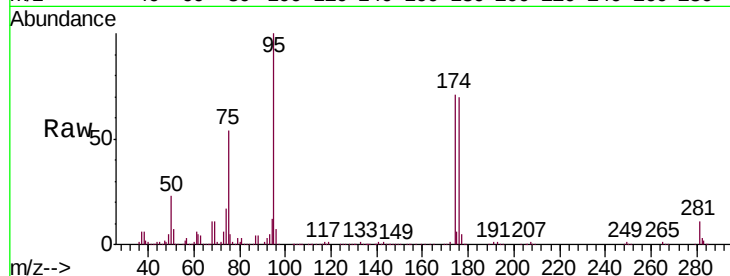
VW0826SBL02

Tgt Ion: 75 Resp: 79220

Ion Ratio Lower Upper

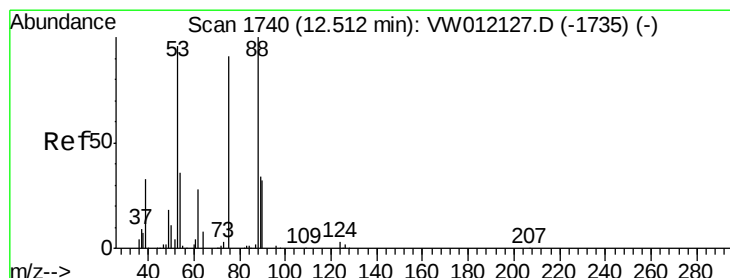
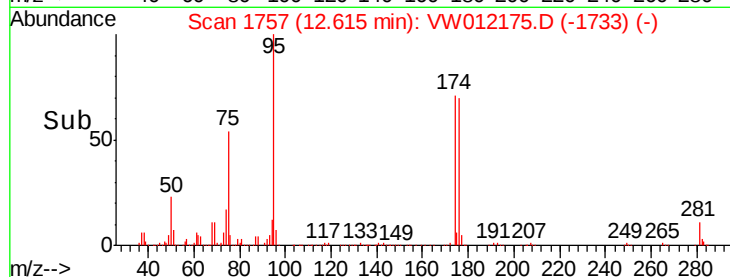
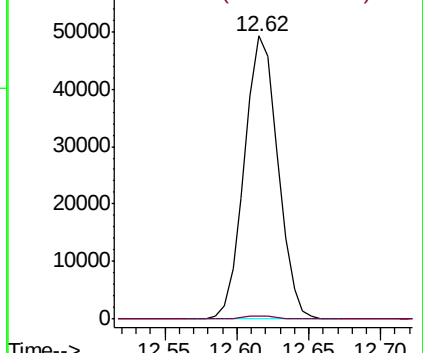
75 100

77 1.2 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: 135.361 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW012175.D

Acq: 26 Aug 2019 16:46

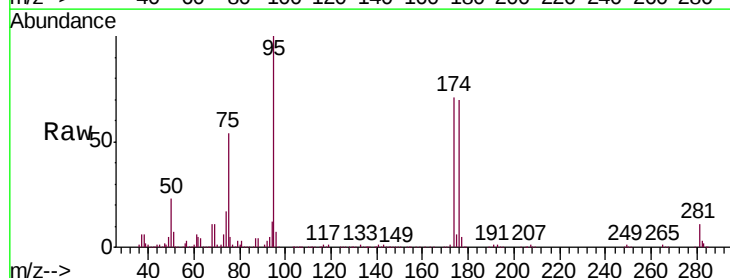
Tgt Ion: 75 Resp: 79220

Ion Ratio Lower Upper

75 100

53 0.1 89.4 134.0#

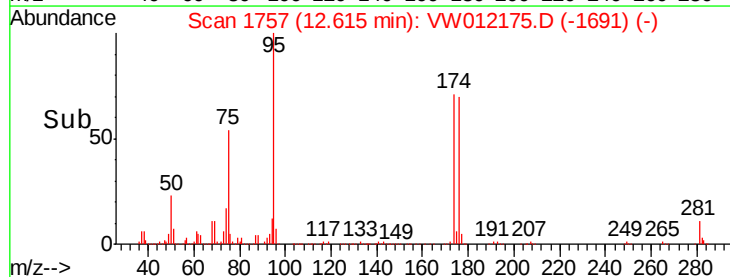
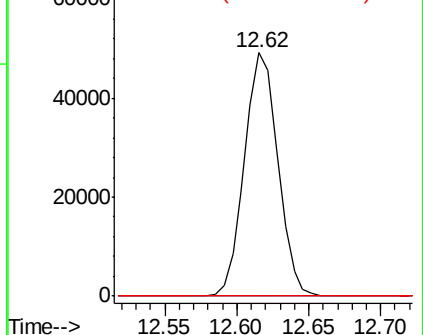
89 0.1 34.5 51.7#

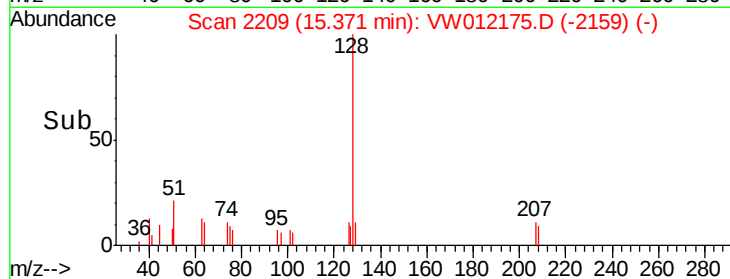
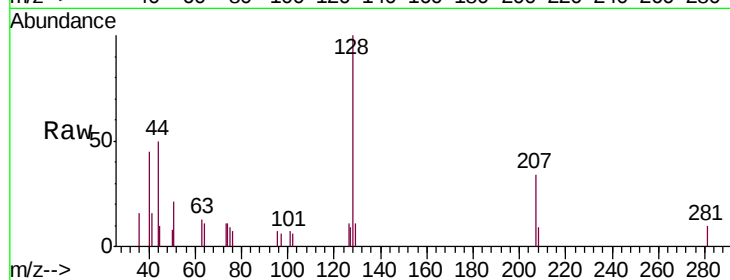
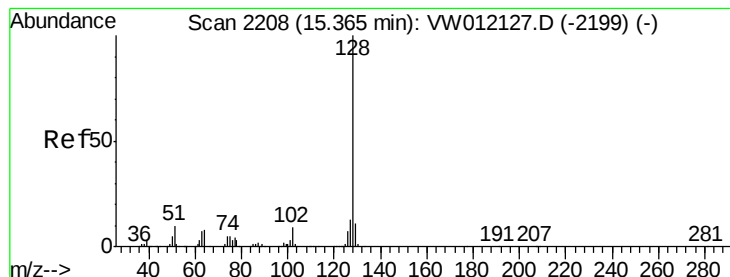


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW





#95

Naphthalene

Concen: 4.612 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VW012175.D

Acq: 26 Aug 2019 16:46

Instrument :

MSVOA_W

ClientSampleId :

VW0826SBL02

Tgt Ion:128 Resp: 1585

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 11.0 8.7 13.1

