

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010820\
 Data File : VW014562.D
 Acq On : 08 Jan 2020 16:22
 Operator : SY/VA
 Sample : L1056-02
 Misc : 6.73G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 09 00:55:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	619786	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	983394	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	756886	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	267658	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	252378	46.57	ug/l	0.00
Spiked Amount			Recovery	=	93.14%	
35) Dibromofluoromethane	7.88	113	261621	46.55	ug/l	0.00
Spiked Amount			Recovery	=	93.10%	
50) Toluene-d8	10.32	98	982870	41.90	ug/l	0.00
Spiked Amount			Recovery	=	83.80%	
62) 4-Bromofluorobenzene	12.62	95	274762	34.54	ug/l	0.00
Spiked Amount			Recovery	=	69.08%	

Target Compounds

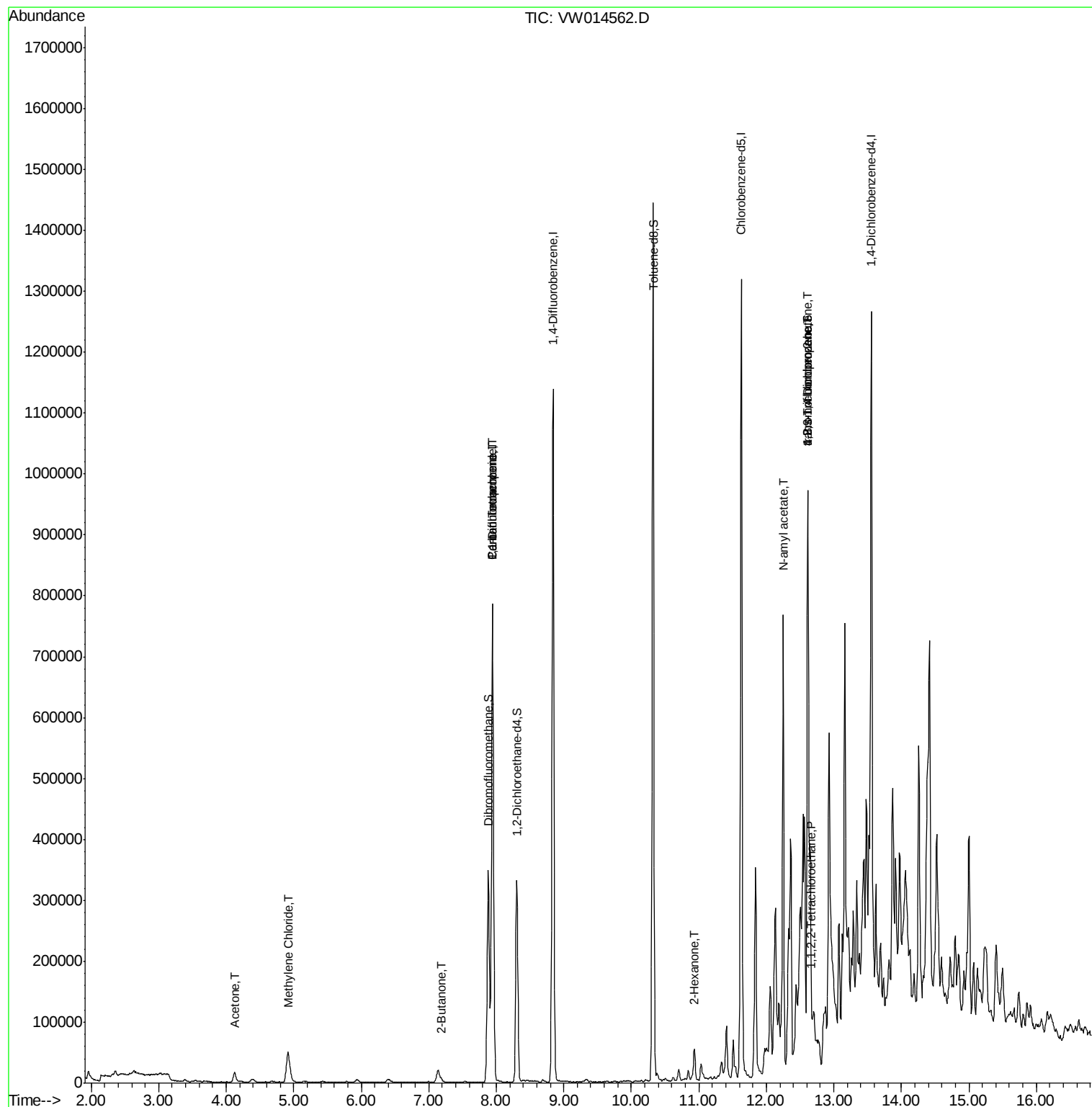
					Qvalue	
11) Tert butyl alcohol	5.15	59	2476	Below Cal	#	87
16) Acetone	4.12	43	29698	19.409	ug/l	92
20) Methylene Chloride	4.92	84	44672	2.968	ug/l	97
25) 2-Butanone	7.19	43	4972	2.532	ug/l	96
36) 1,1-Dichloropropene	7.95	75	44072	4.649	ug/l #	49
38) Carbon Tetrachloride	7.95	117	55621	6.763	ug/l #	16
59) 2-Hexanone	10.93	43	18807	6.731	ug/l #	27
74) N-amyl acetate	12.25	43	147272	33.444	ug/l #	65
75) 1,1,2,2-Tetrachloroethane	12.68	83	8823	2.489	ug/l #	26
76) 1,2,3-Trichloropropane	12.62	75	129346	51.111	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	129346	113.878	ug/l #	14

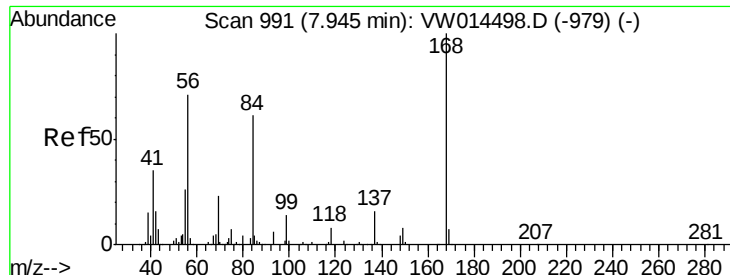
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :

Quant Time: Jan 09 00:55:06 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
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: VW014562.D

Acq: 08 Jan 2020 16:22

Instrument :

MSVOA_W

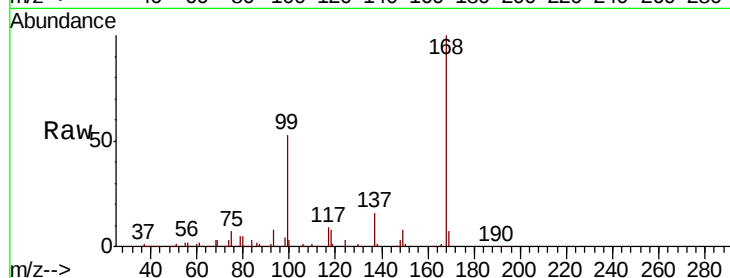
ClientSampleId :

Tot Ion:168 Resp: 619786

Ion Ratio Lower Upper

168 100

99 53.0 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

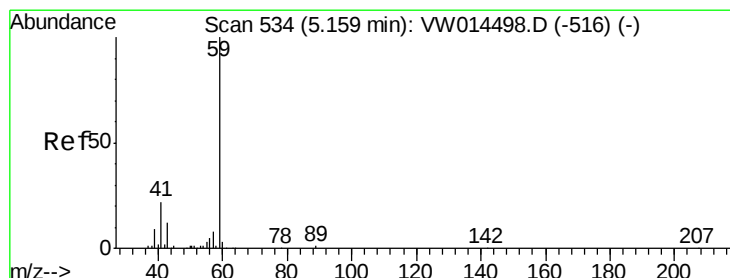
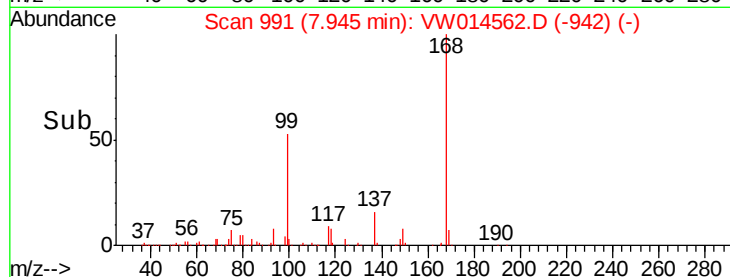
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.15 min Scan# 532

Delta R.T. -0.01 min

Lab File: VW014562.D

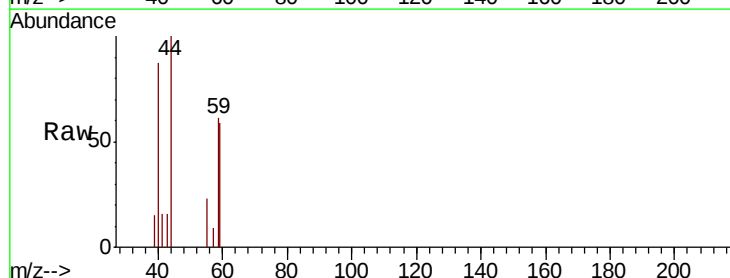
Acq: 08 Jan 2020 16:22

Tgt Ion: 59 Resp: 2476

Ion Ratio Lower Upper

59 100

57 5.1 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.15

1000

800

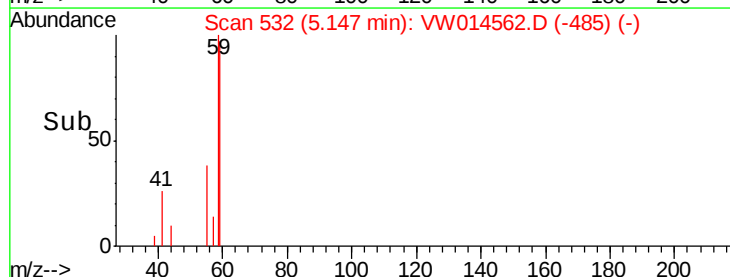
600

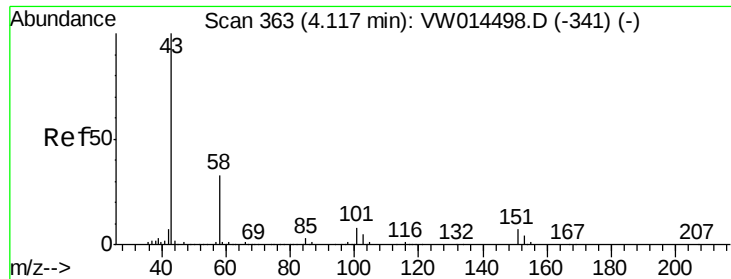
400

200

0

Time-->





#16

Acetone

Concen: 19.409 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014562.D

Acq: 08 Jan 2020 16:22

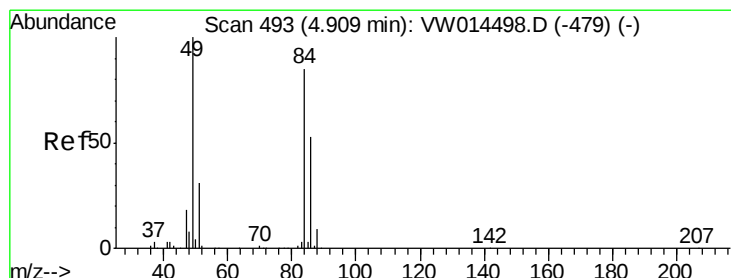
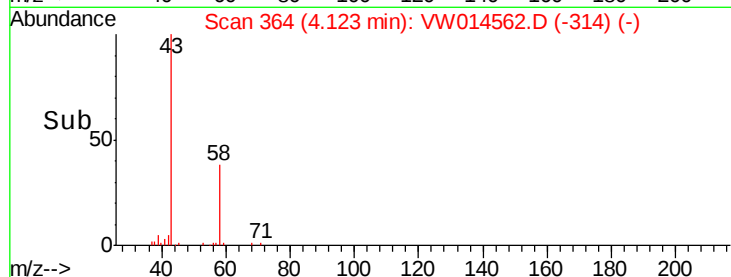
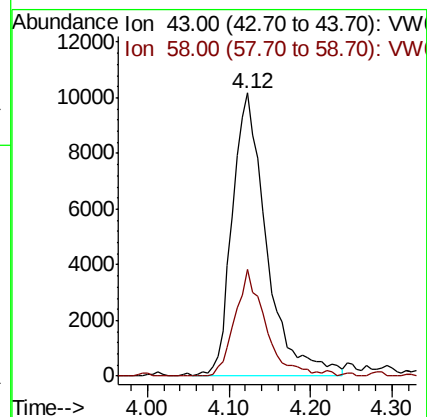
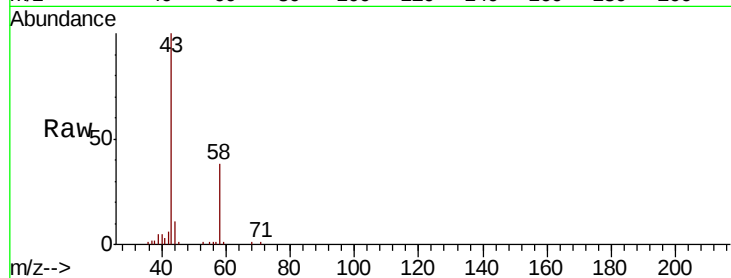
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 29698

Ion Ratio Lower Upper

43 100

58 37.5 26.6 39.8



#20

Methylene Chloride

Concen: 2.968 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW014562.D

Acq: 08 Jan 2020 16:22

Tgt Ion: 84 Resp: 44672

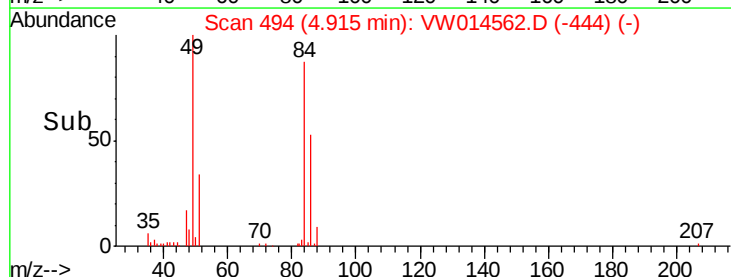
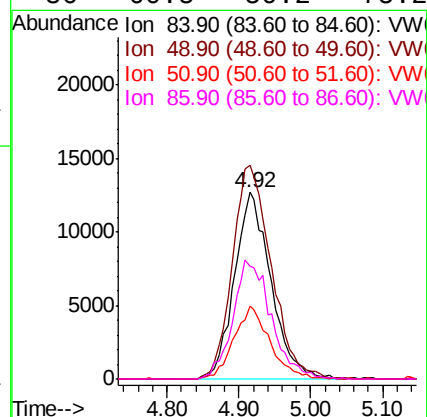
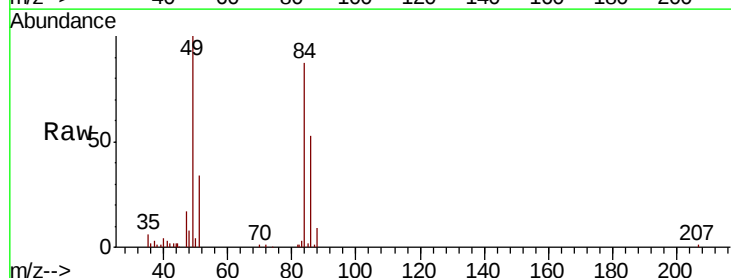
Ion Ratio Lower Upper

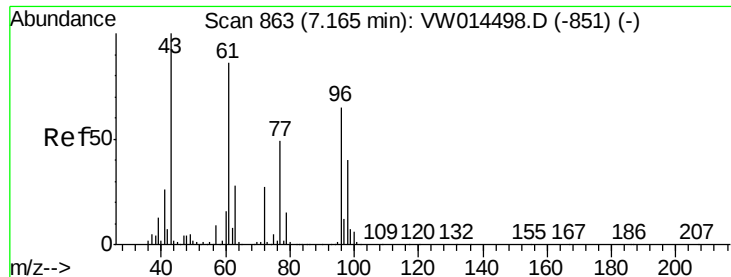
84 100

49 114.4 94.4 141.6

51 39.0 29.5 44.3

86 60.5 50.2 75.2





#25

2-Butanone

Concen: 2.532 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.02 min

Lab File: VW014562.D

Acq: 08 Jan 2020 16:22

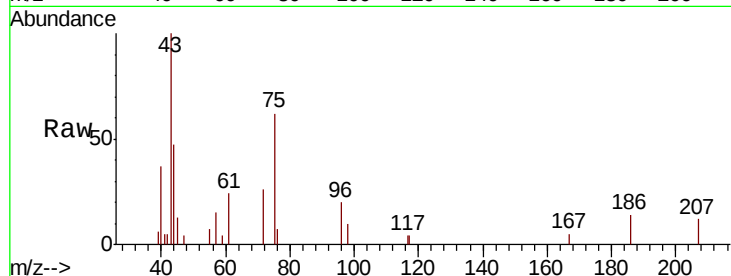
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 4972

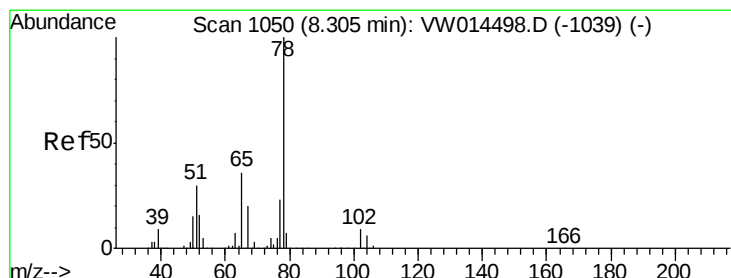
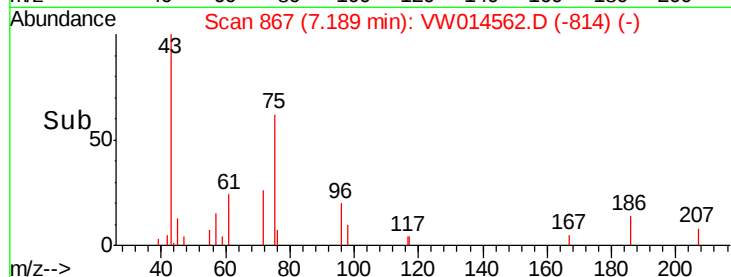
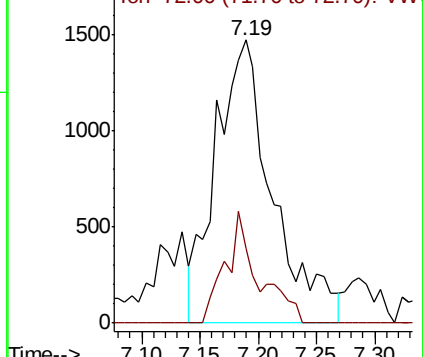
Ion Ratio Lower Upper

43 100

72 29.3 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW



#33

1,2-Dichloroethane-d4

Concen: 46.574 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW014562.D

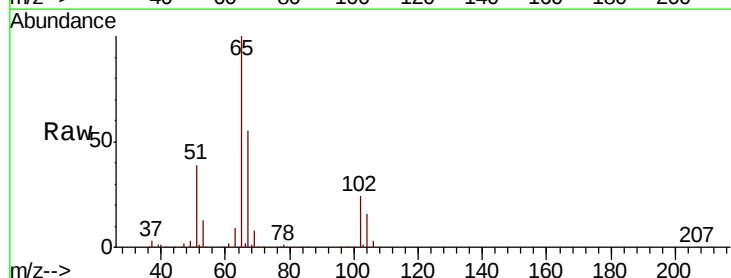
Acq: 08 Jan 2020 16:22

Tgt Ion: 65 Resp: 252378

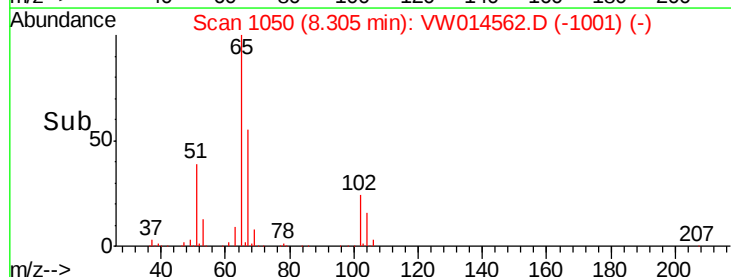
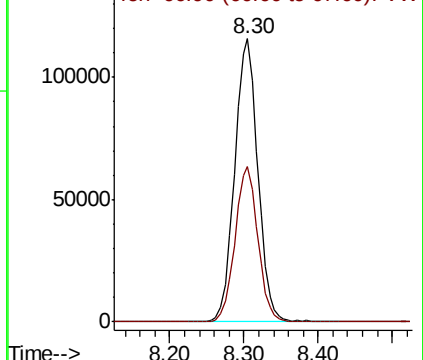
Ion Ratio Lower Upper

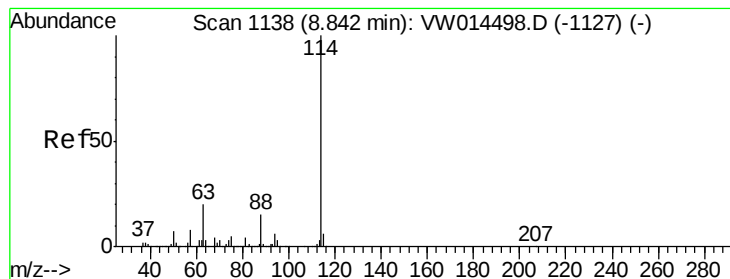
65 100

67 54.2 0.0 108.4



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: VW014562.D

Acq: 08 Jan 2020 16:22

Instrument :

MSVOA_W

ClientSampleId :

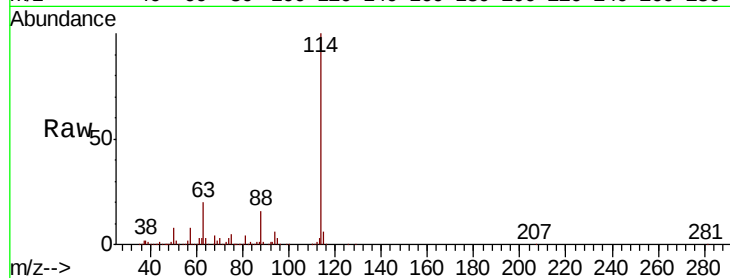
Tot Ion:114 Resp: 983394

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.4

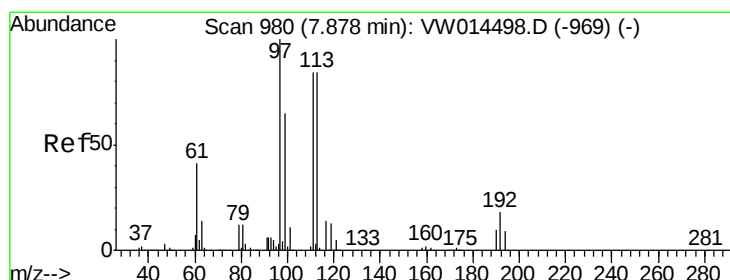
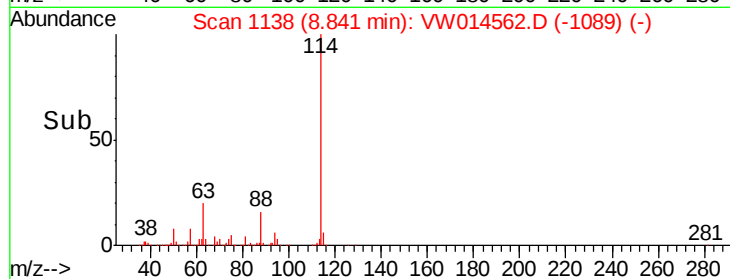
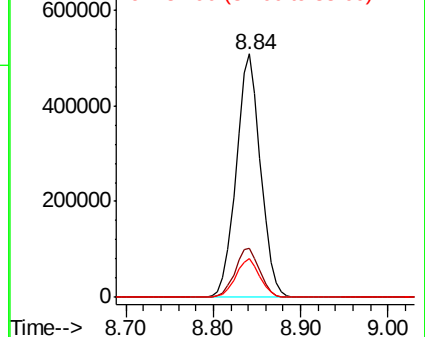
88 15.8 0.0 30.6



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: 46.550 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW014562.D

Acq: 08 Jan 2020 16:22

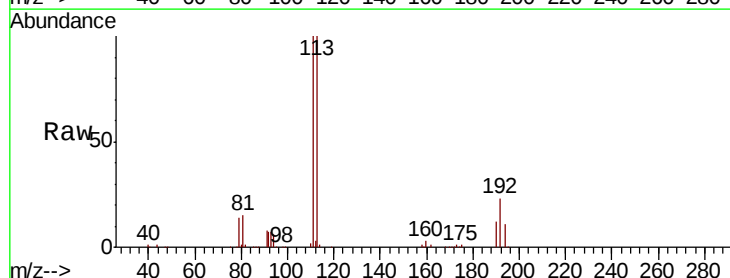
Tgt Ion:113 Resp: 261621

Ion Ratio Lower Upper

113 100

111 101.4 81.4 122.2

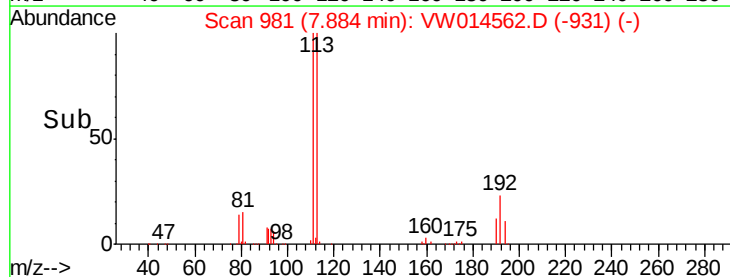
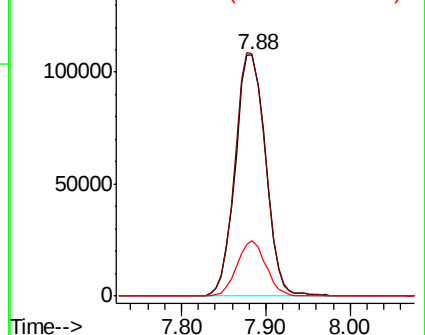
192 21.8 17.8 26.8

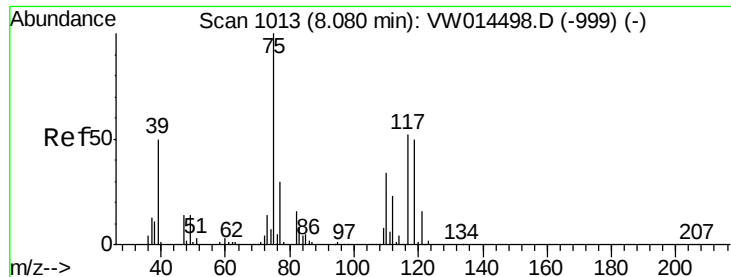


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

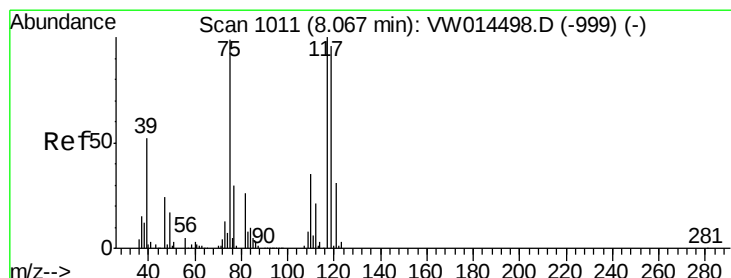
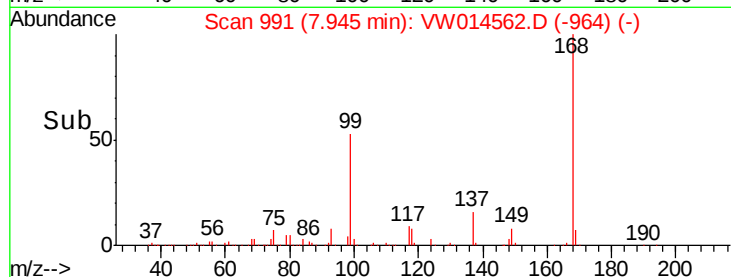
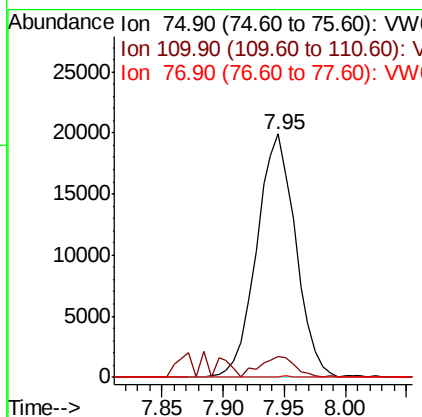
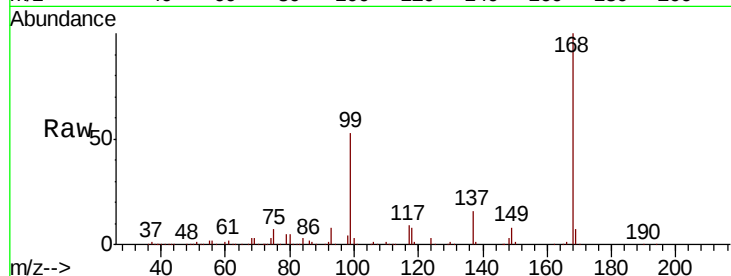




#36
 1,1-Dichloropropene
 Concen: 4.649 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW014562.D
 Acq: 08 Jan 2020 16:22

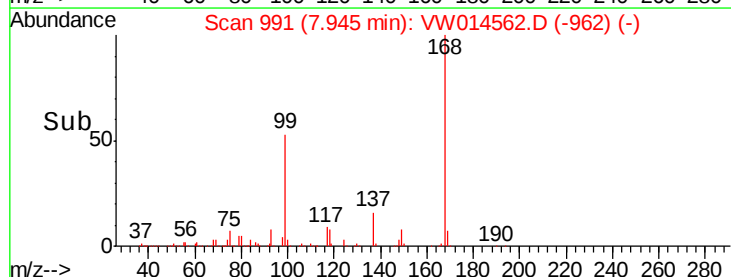
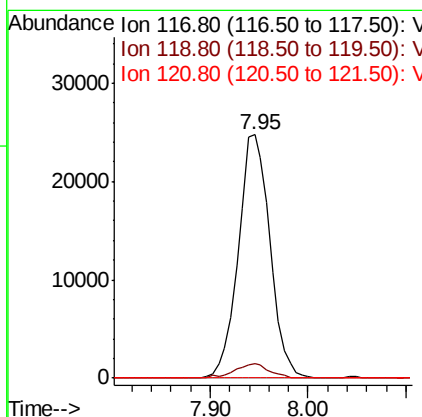
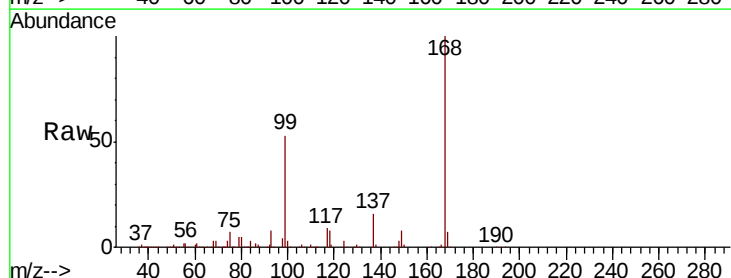
Instrument :
 MSVOA_W
 ClientSampled :

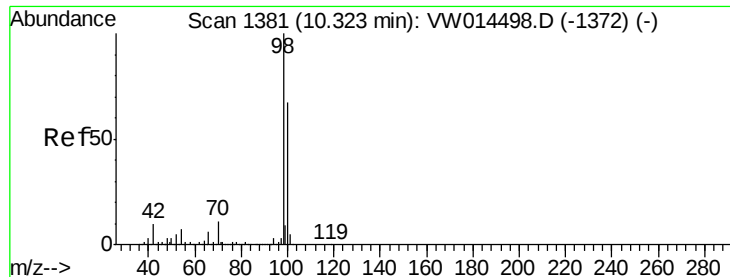
Tot Ion	75	Resp	44072
Ion Ratio	Lower	Upper	
75	100		
110	8.0	17.8	53.5#
77	0.3	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.763 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW014562.D
 Acq: 08 Jan 2020 16:22

Tgt Ion	117	Resp	55621
Ion Ratio	Lower	Upper	
117	100		
119	5.9	77.0	115.6#
121	0.0	24.6	36.8#





#50

Toluene-d8

Concen: 41.905 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW014562.D

Acq: 08 Jan 2020 16:22

Instrument :

MSVOA_W

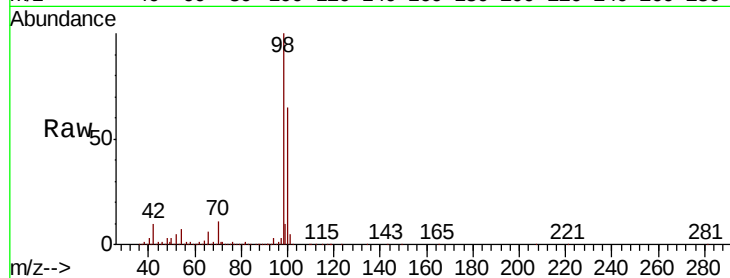
ClientSampleId :

Tot Ion: 98 Resp: 982870

Ion Ratio Lower Upper

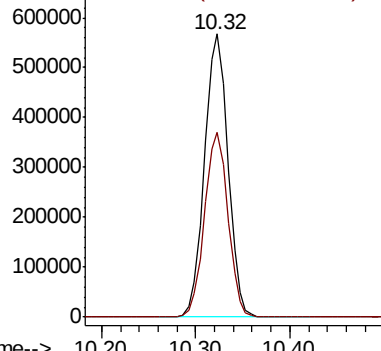
98 100

100 65.3 53.8 80.6

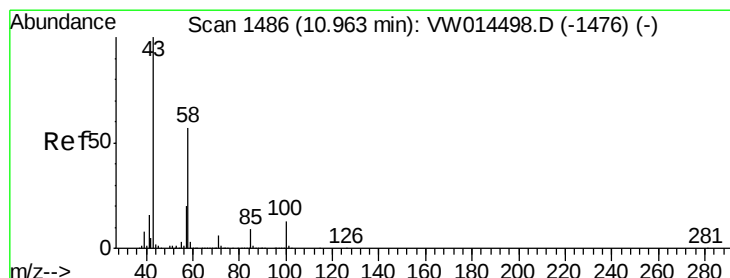
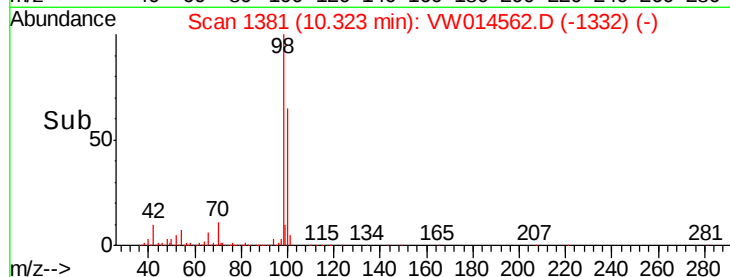


Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



Time--> 10.20 10.30 10.40



#59

2-Hexanone

Concen: 6.731 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.03 min

Lab File: VW014562.D

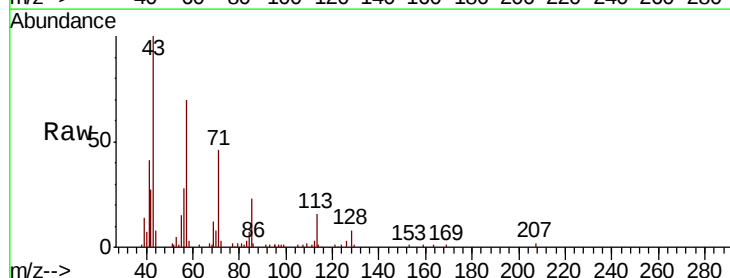
Acq: 08 Jan 2020 16:22

Tgt Ion: 43 Resp: 18807

Ion Ratio Lower Upper

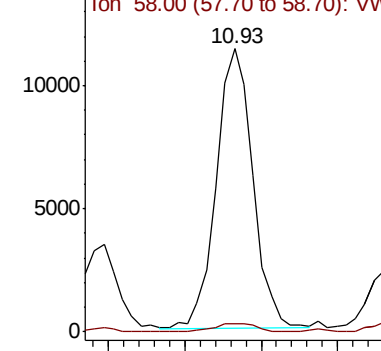
43 100

58 3.5 28.7 86.3#

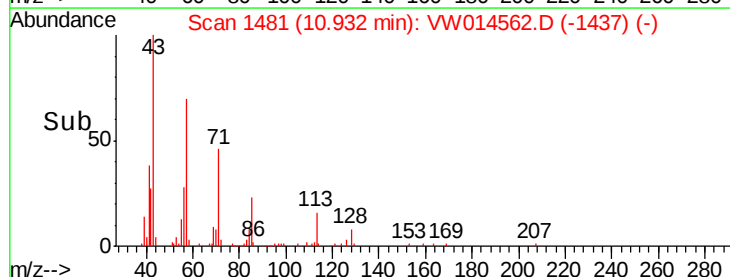


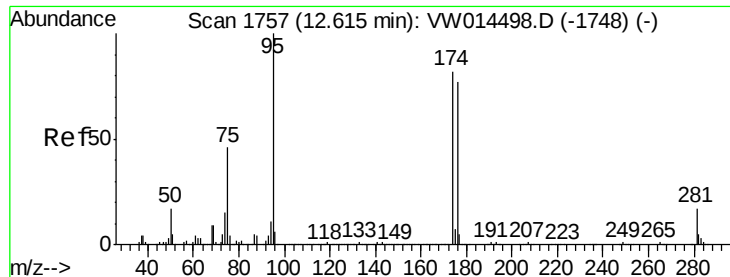
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time--> 10.85 10.90 10.95 11.00

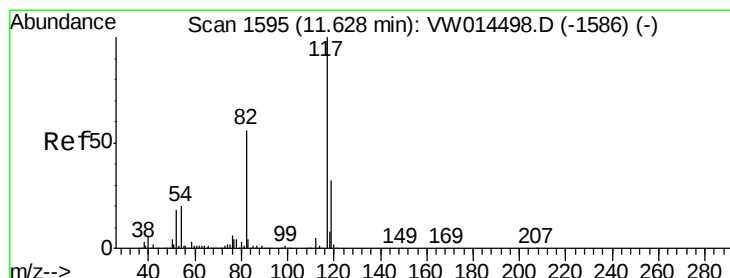
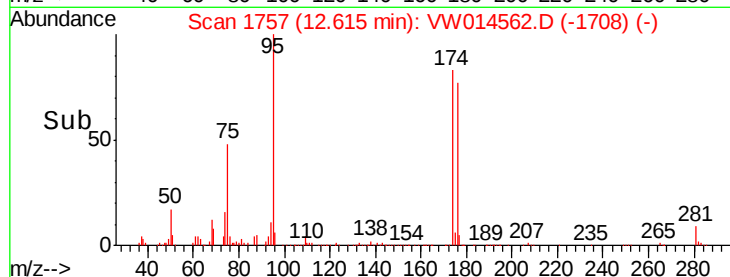
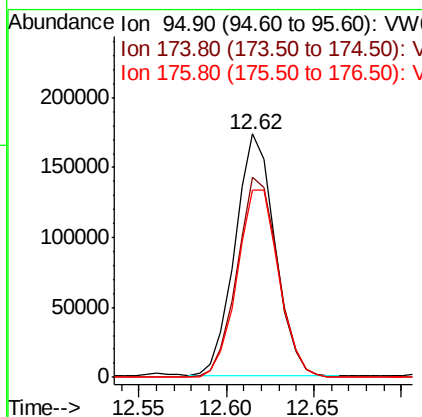
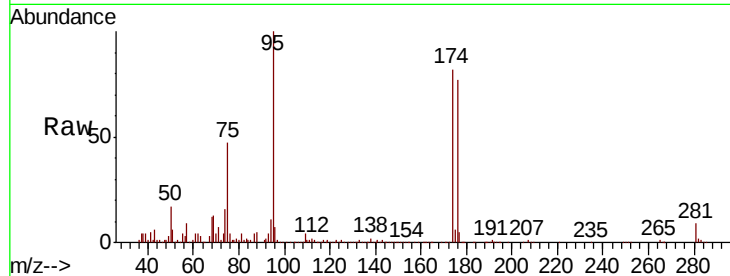




#62
4-Bromofluorobenzene
Concen: 34.537 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW014562.D
Acq: 08 Jan 2020 16:22

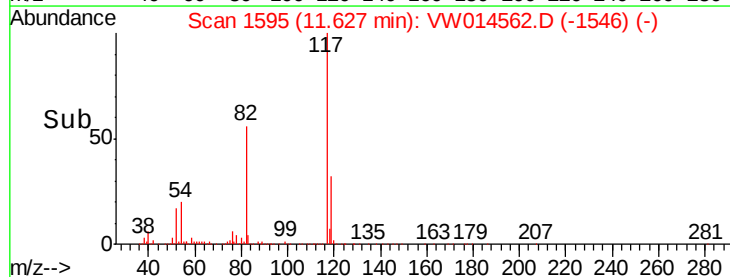
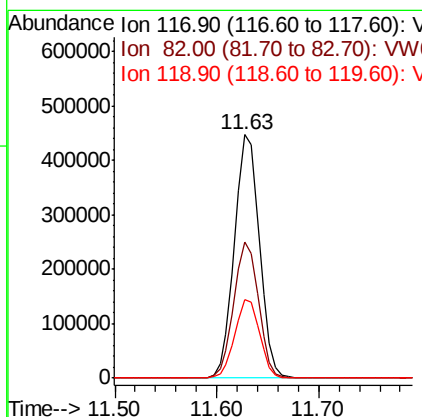
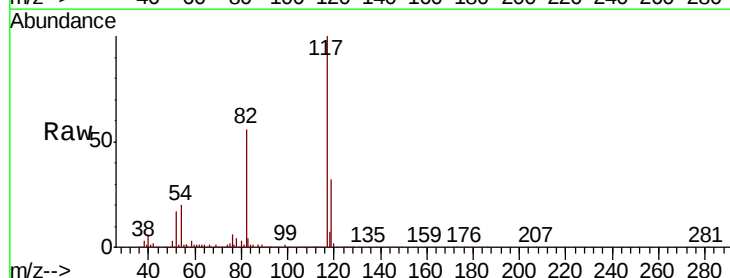
Instrument :
MSVOA_W
ClientSampleId :

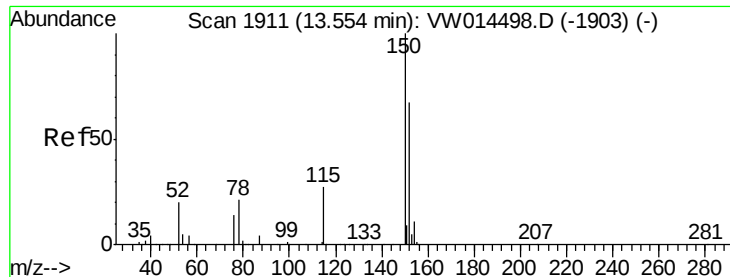
Tot Ion: 95 Resp: 274762
Ion Ratio Lower Upper
95 100
174 84.7 0.0 168.6
176 80.9 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014562.D
Acq: 08 Jan 2020 16:22

Tgt Ion: 117 Resp: 756886
Ion Ratio Lower Upper
117 100
82 55.9 44.6 67.0
119 32.3 25.7 38.5



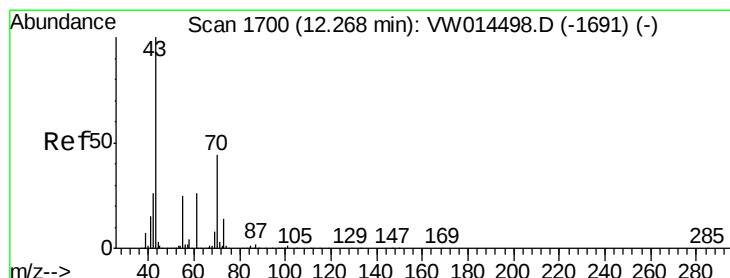
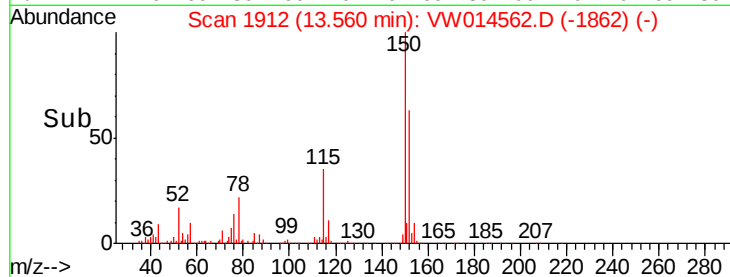
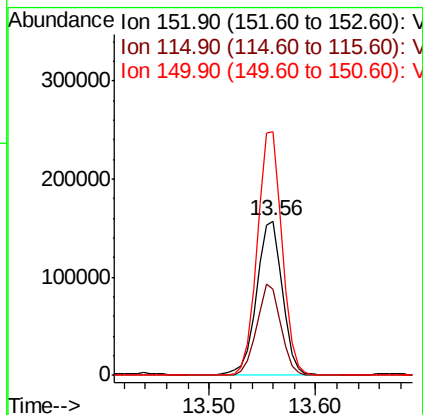
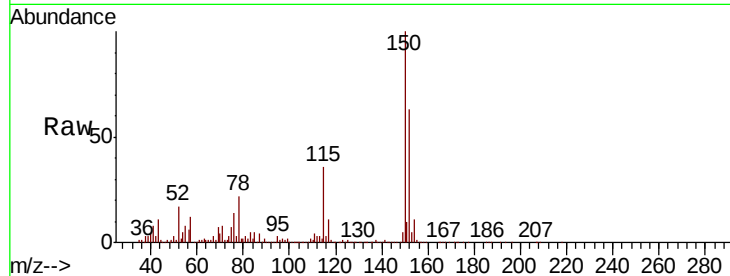


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.01 min
Lab File: VW014562.D
Acq: 08 Jan 2020 16:22

Instrument :
MSVOA_W
ClientSampleId :

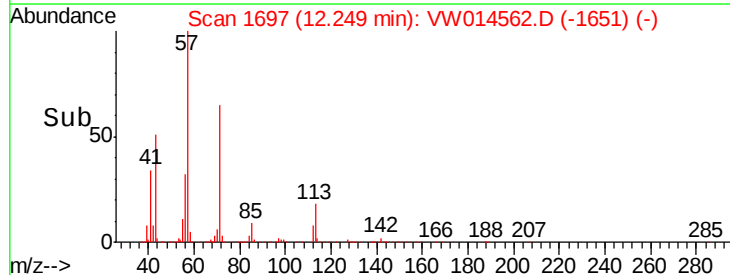
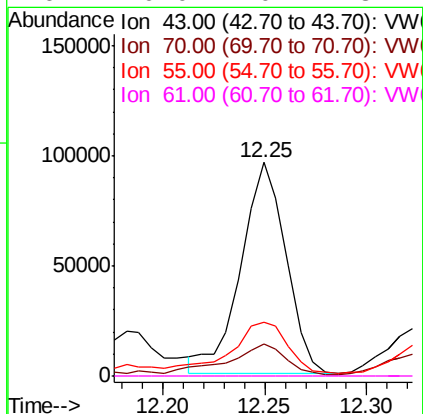
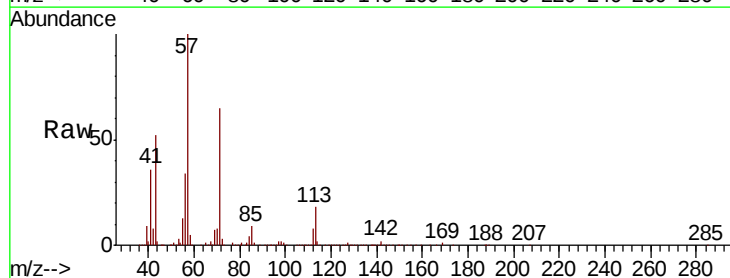
Tot Ion	Ratio	Lower	Upper
152	100		
115	55.1	27.7	83.1
150	151.2	0.0	343.4

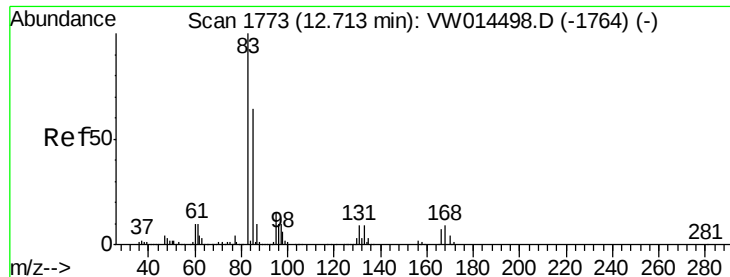


#74

N-ethyl acetate
Concen: 33.444 ug/l
RT: 12.25 min Scan# 1697
Delta R.T. -0.02 min
Lab File: VW014562.D
Acq: 08 Jan 2020 16:22

Tgt Ion	Ratio	Lower	Upper
43	100		
70	18.6	36.5	54.7#
55	30.4	20.9	31.3
61	0.0	20.7	31.1#





#75

1,1,2,2-Tetrachloroethane

Concen: 2.489 ug/l

RT: 12.68 min Scan# 1767

Delta R.T. -0.04 min

Lab File: VW014562.D

Acq: 08 Jan 2020 16:22

Instrument :

MSVOA_W

ClientSampled :

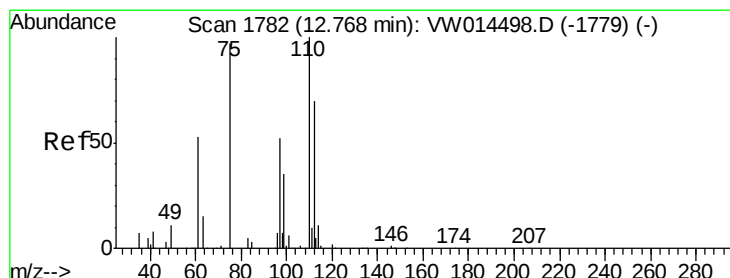
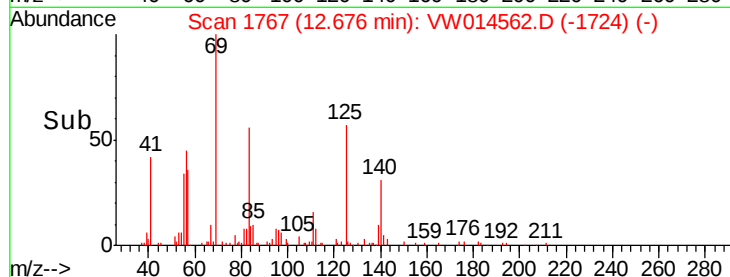
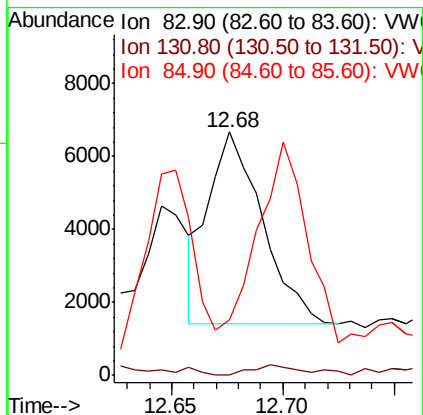
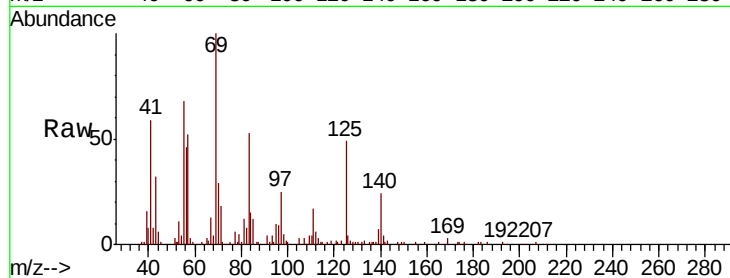
Tot Ion: 83 Resp: 8823

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.4#

85 0.0 31.9 95.7#



#76

1,2,3-Trichloropropane

Concen: 51.111 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW014562.D

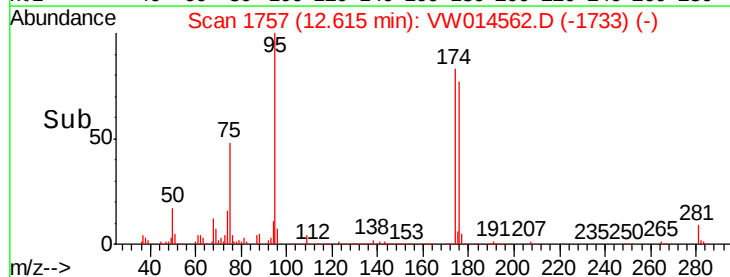
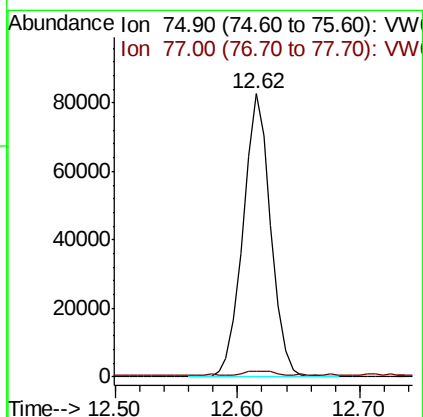
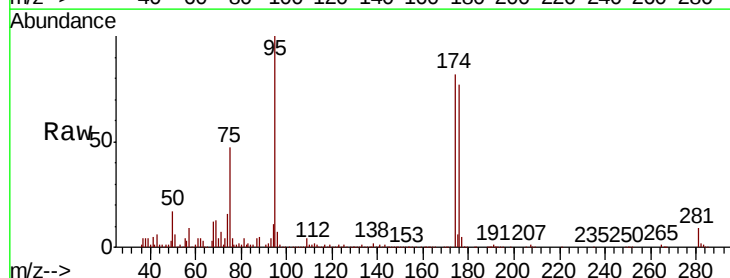
Acq: 08 Jan 2020 16:22

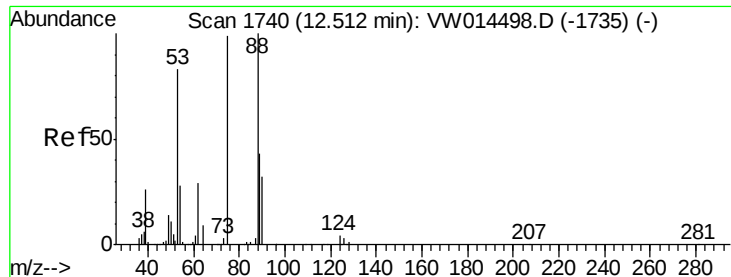
Tgt Ion: 75 Resp: 129346

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 113.878 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW014562.D

Acq: 08 Jan 2020 16:22

Instrument :

MSVOA_W

ClientSampleId :

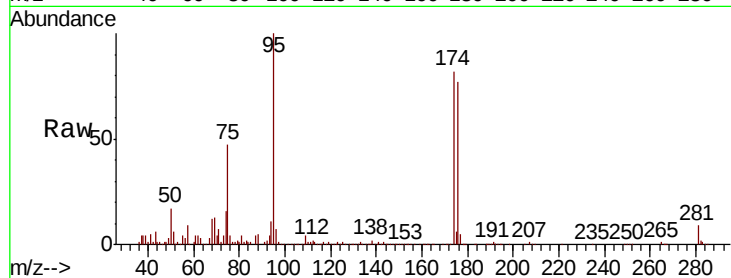
Tot Ion: 75 Resp: 129346

Ion Ratio Lower Upper

75 100

53 0.0 70.9 106.3#

89 0.3 35.8 53.8#



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

