

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011320\
 Data File : VW014614.D
 Acq On : 13 Jan 2020 10:38
 Operator : SY/VA
 Sample : VW0113SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0113SBL01

Quant Time: Jan 14 12:14:42 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	703428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1066689	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	914247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	422068	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	311890	50.71	ug/l	0.00
Spiked Amount			Recovery	=	101.42%	
35) Dibromofluoromethane	7.88	113	313564	51.44	ug/l	0.00
Spiked Amount			Recovery	=	102.88%	
50) Toluene-d8	10.32	98	1248476	49.07	ug/l	0.00
Spiked Amount			Recovery	=	98.14%	
62) 4-Bromofluorobenzene	12.62	95	417100	48.33	ug/l	0.00
Spiked Amount			Recovery	=	96.66%	

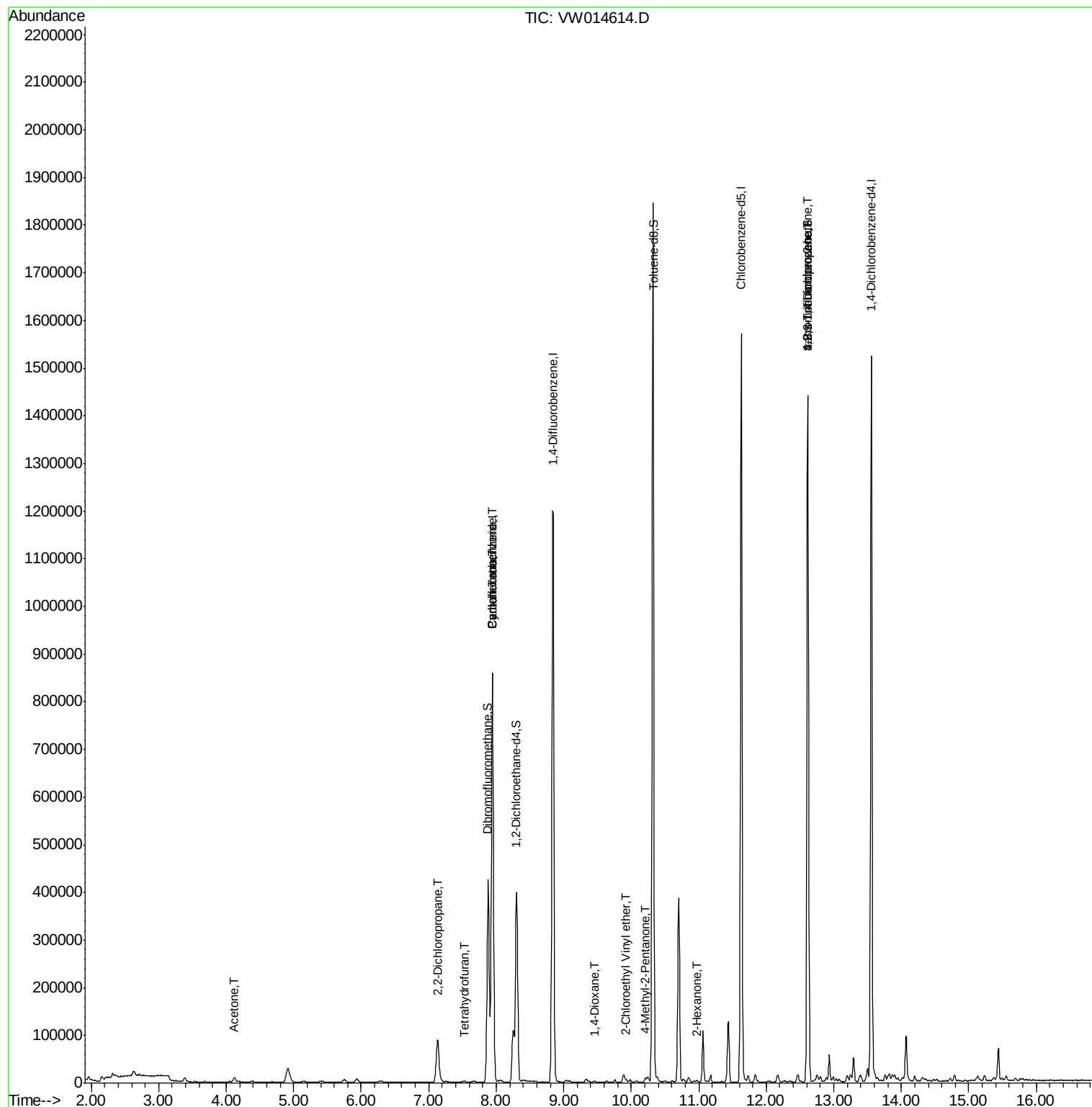
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.15	59	2261	Below Cal		96
16) Acetone	4.12	43	20802	11.979	ug/l	99
20) Methylene Chloride	4.91	84	27080	Below Cal		89
26) 2,2-Dichloropropane	7.13	77	7259	1.038	ug/l #	50
29) Tetrahydrofuran	7.54	42	2065	1.496	ug/l	97
31) Cyclohexane	7.95	56	14010	1.067	ug/l #	1
38) Carbon Tetrachloride	7.95	117	62512	7.007	ug/l #	16
49) 1,4-Dioxane	9.45	88	136	2.063	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	7972	1.813	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.92	63	2444	1.201	ug/l #	88
59) 2-Hexanone	10.97	43	3300	1.089	ug/l	81
76) 1,2,3-Trichloropropane	12.62	75	196075	49.134	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	196075	109.473	ug/l #	14

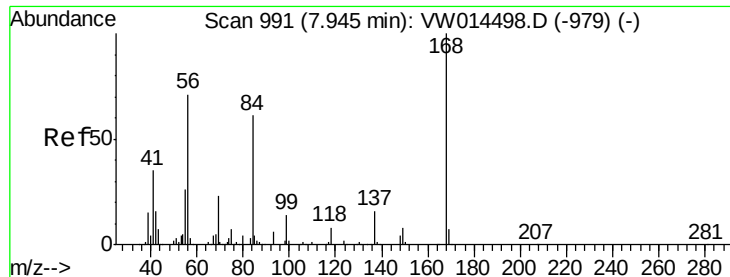
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW011320\
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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: VW014614.D

Acq: 13 Jan 2020 10:38

Instrument :

MSVOA_W

ClientSampleId :

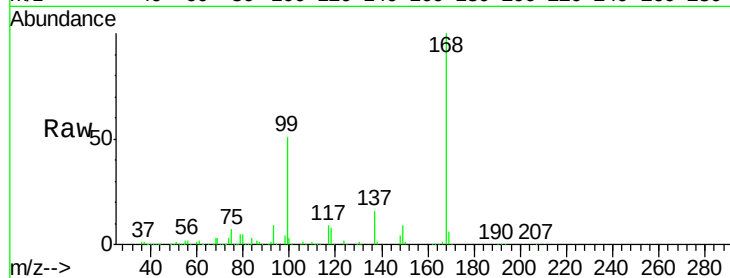
VW0113SBL01

Tgt Ion: 168 Resp: 703428

Ion Ratio Lower Upper

168 100

99 50.5 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

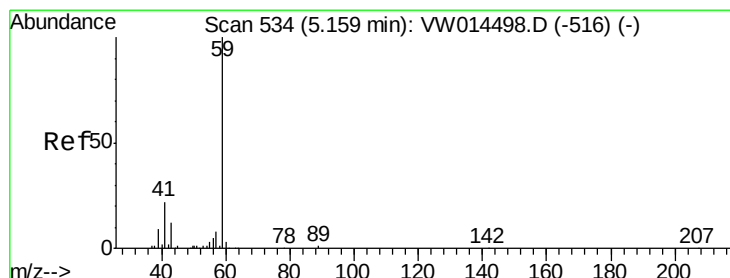
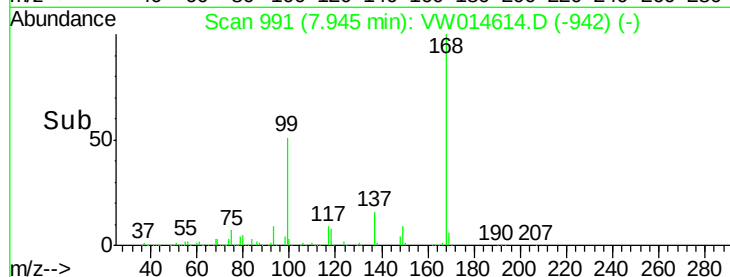
200000

100000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.15 min Scan# 532

Delta R.T. -0.01 min

Lab File: VW014614.D

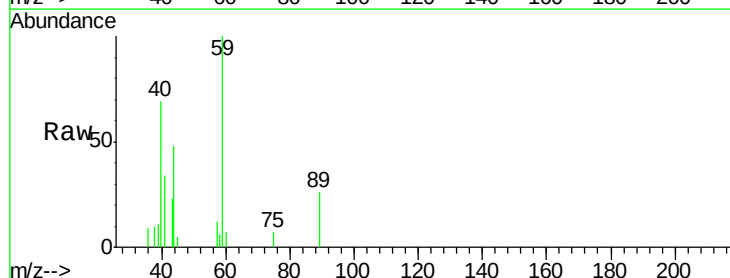
Acq: 13 Jan 2020 10:38

Tgt Ion: 59 Resp: 2261

Ion Ratio Lower Upper

59 100

57 8.4 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

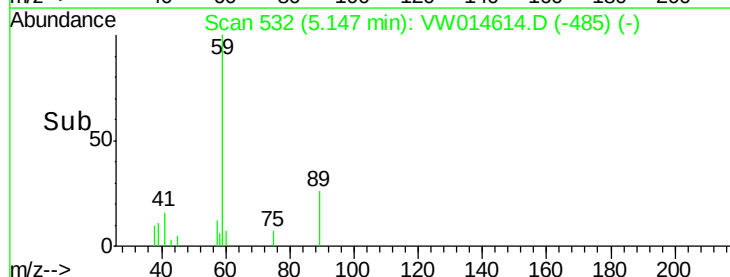
400

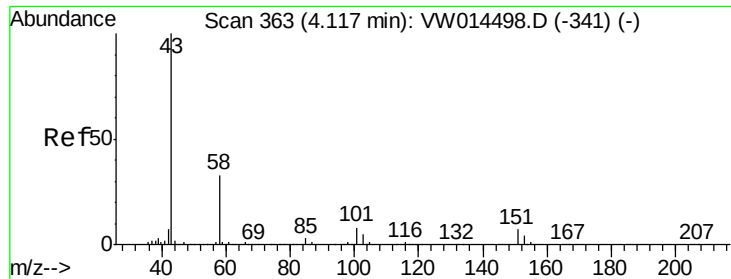
200

0

5.05 5.10 5.15

Time-->





#16

Acetone

Concen: 11.979 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014614.D

Acq: 13 Jan 2020 10:38

Instrument :

MSVOA_W

ClientSampleId :

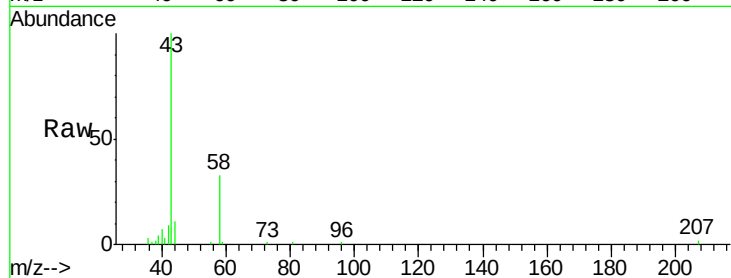
VW0113SBL01

Tgt Ion: 43 Resp: 20802

Ion Ratio Lower Upper

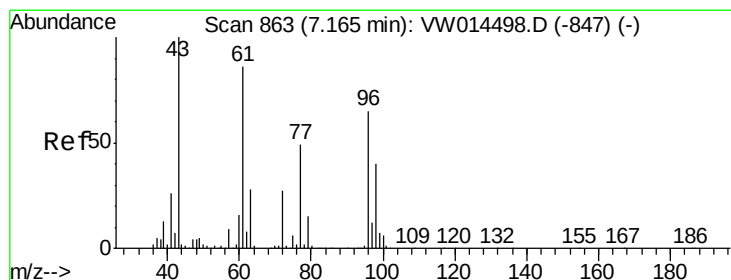
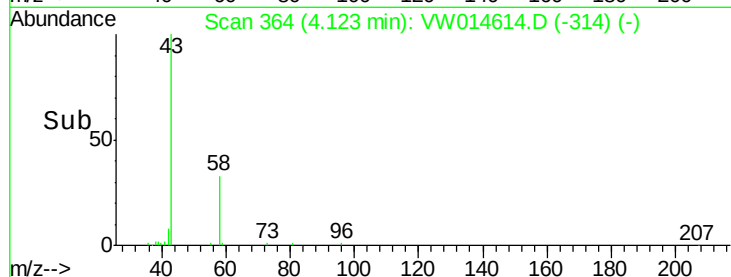
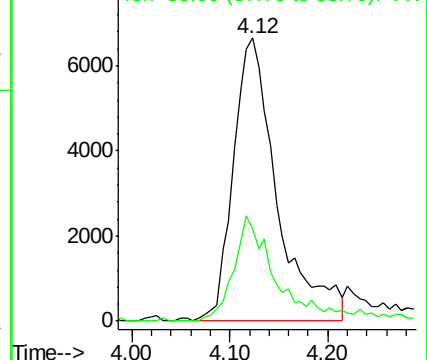
43 100

58 32.8 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#26

2,2-Dichloropropane

Concen: 1.038 ug/l

RT: 7.13 min Scan# 857

Delta R.T. -0.04 min

Lab File: VW014614.D

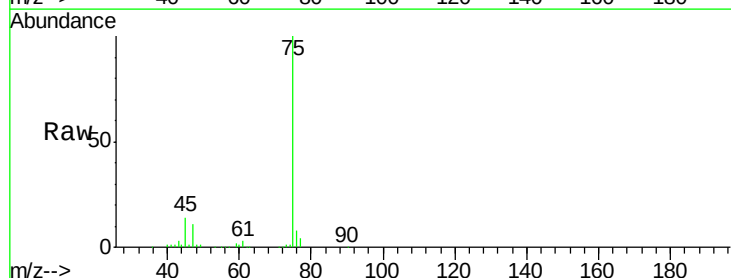
Acq: 13 Jan 2020 10:38

Tgt Ion: 77 Resp: 7259

Ion Ratio Lower Upper

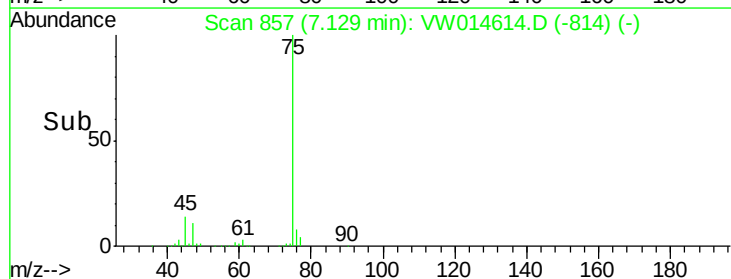
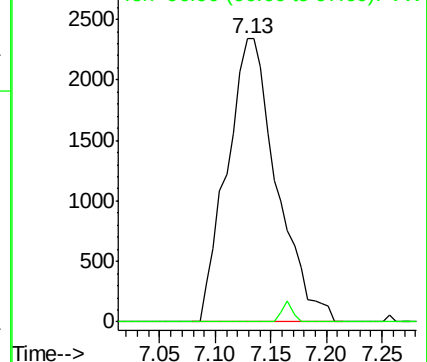
77 100

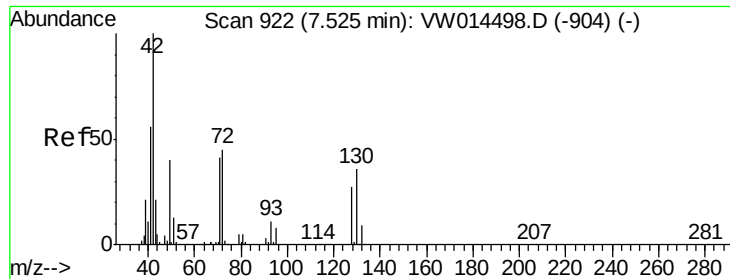
97 0.0 12.5 37.5#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW





#29

Tetrahydrofuran

Concen: 1.496 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW014614.D

Acq: 13 Jan 2020 10:38

Instrument :

MSVOA_W

ClientSampleId :

VW0113SBL01

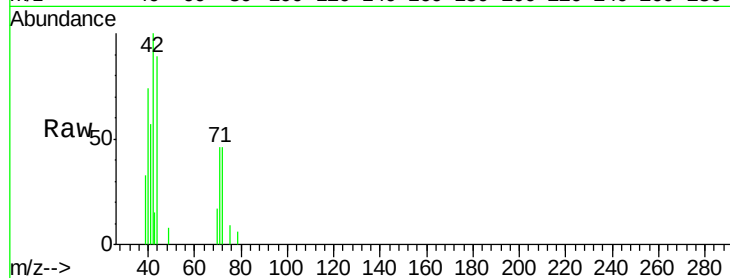
Tgt Ion: 42 Resp: 2065

Ion Ratio Lower Upper

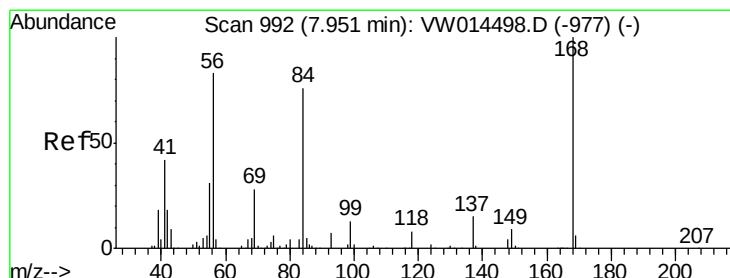
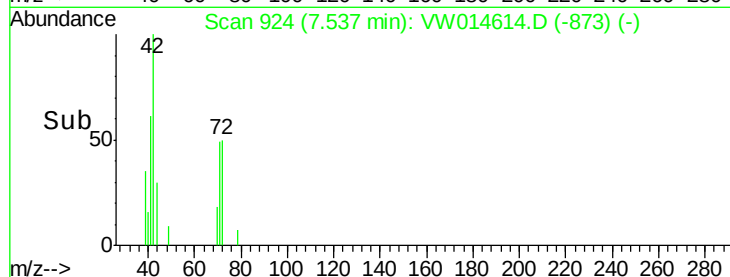
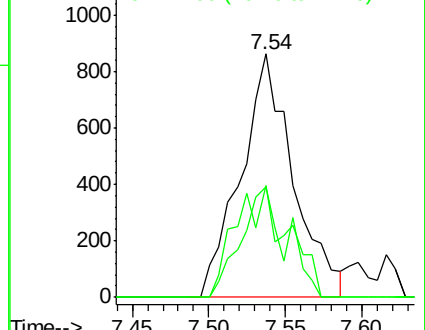
42 100

72 45.3 34.5 51.7

71 38.5 32.0 48.0



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#31

Cyclohexane

Concen: 1.067 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW014614.D

Acq: 13 Jan 2020 10:38

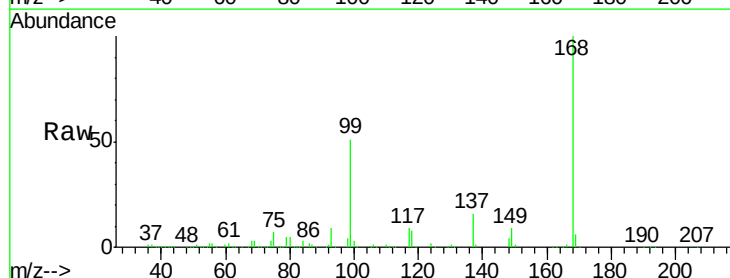
Tgt Ion: 56 Resp: 14010

Ion Ratio Lower Upper

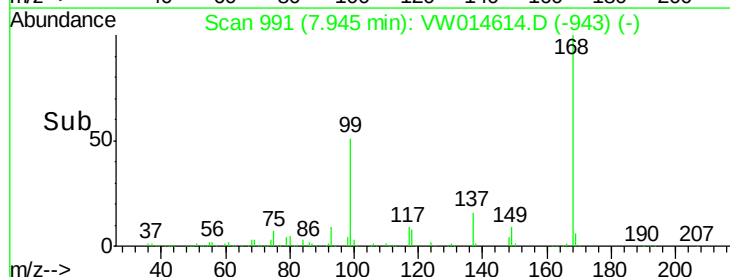
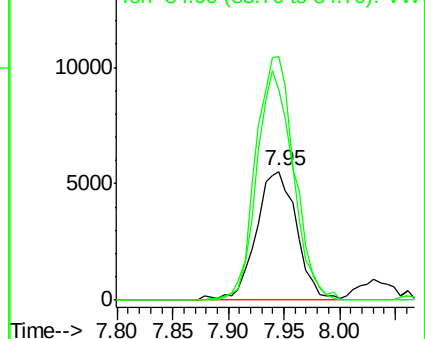
56 100

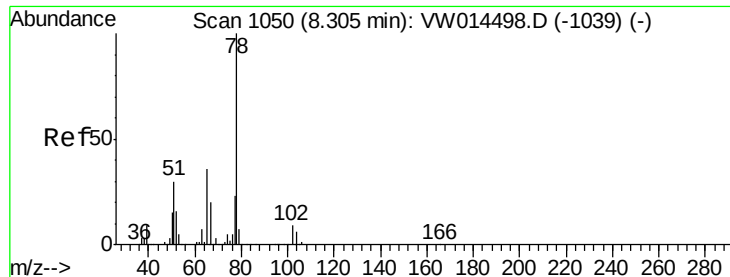
69 189.5 26.8 40.2#

84 163.7 71.8 107.6#



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

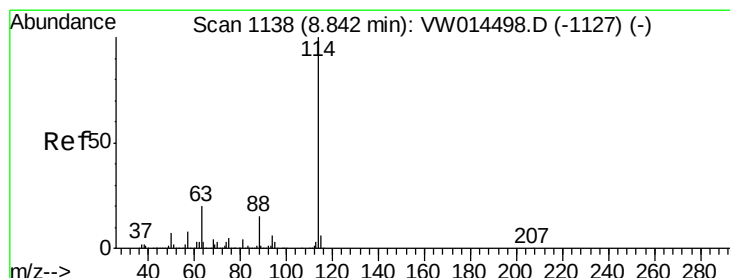
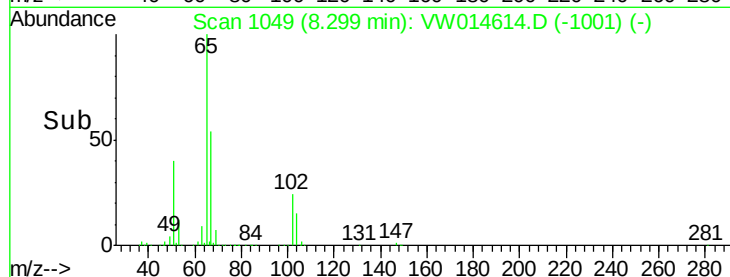
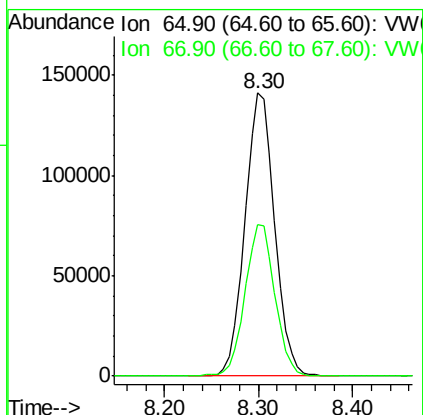
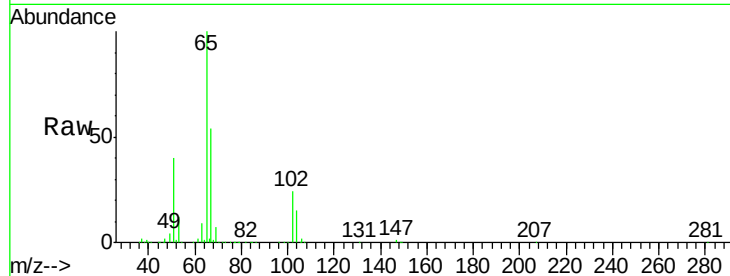




#33
 1,2-Dichloroethane-d4
 Concen: 50.712 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW014614.D
 Acq: 13 Jan 2020 10:38

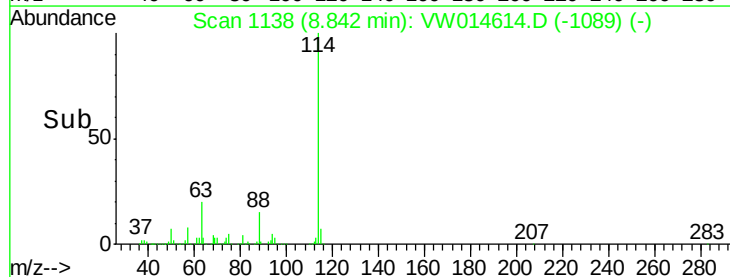
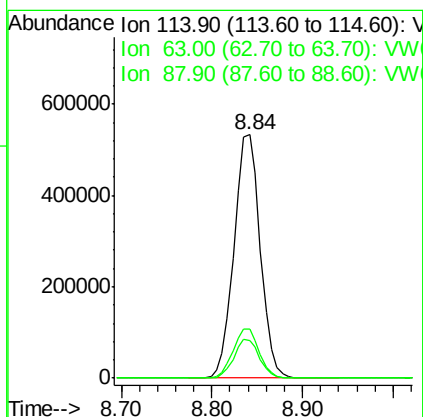
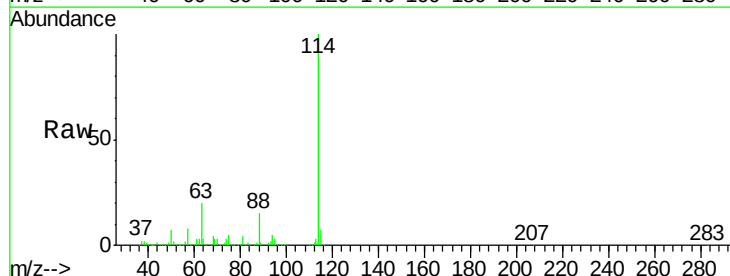
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0113SBL01

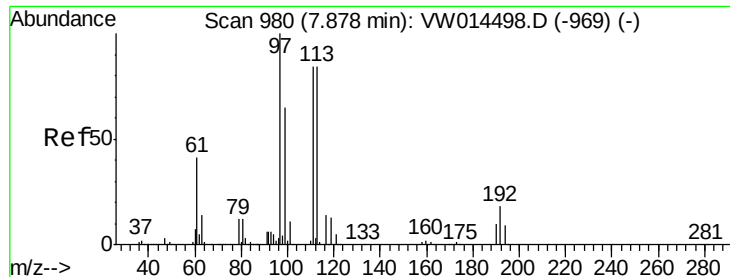
Tgt Ion: 65 Resp: 311890
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW014614.D
 Acq: 13 Jan 2020 10:38

Tgt Ion: 114 Resp: 1066689
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.4
 88 15.4 0.0 30.6

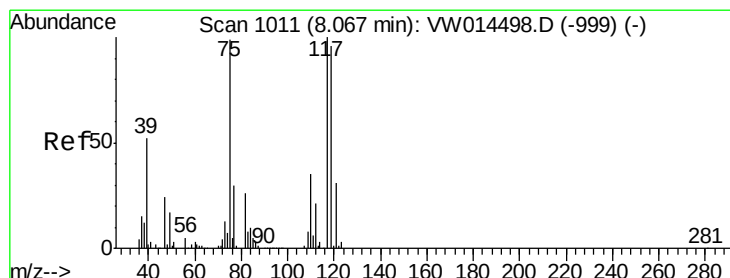
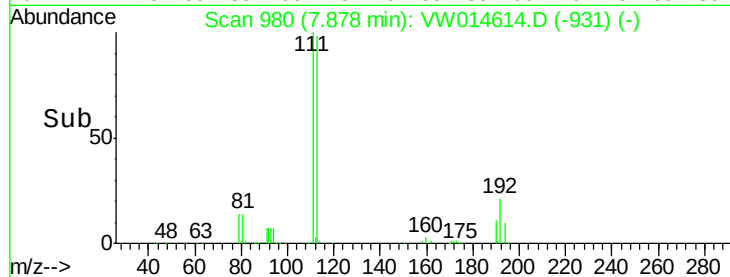
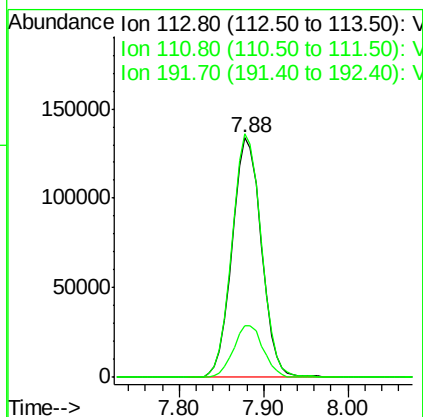
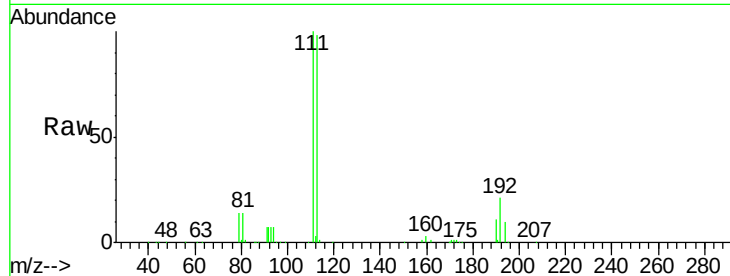




#35
 Dibromofluoromethane
 Concen: 51.435 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW014614.D
 Acq: 13 Jan 2020 10:38

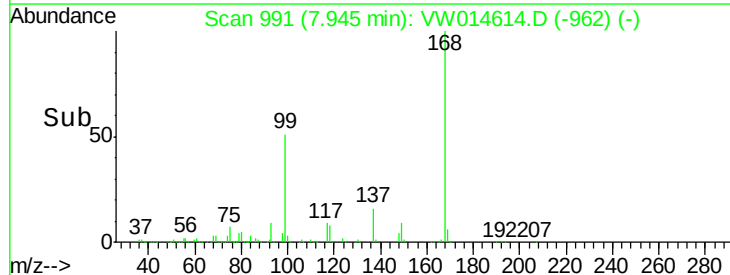
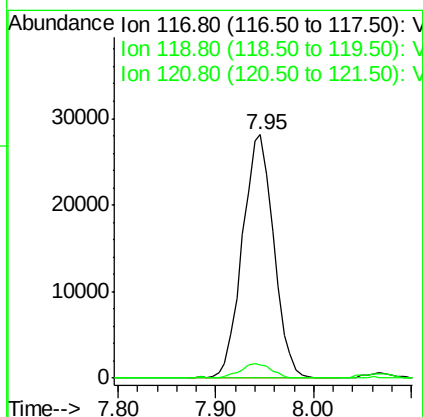
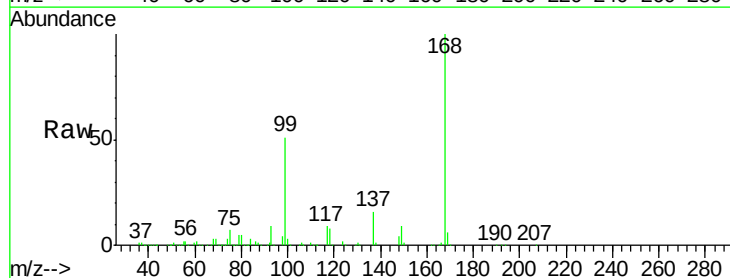
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0113SBL01

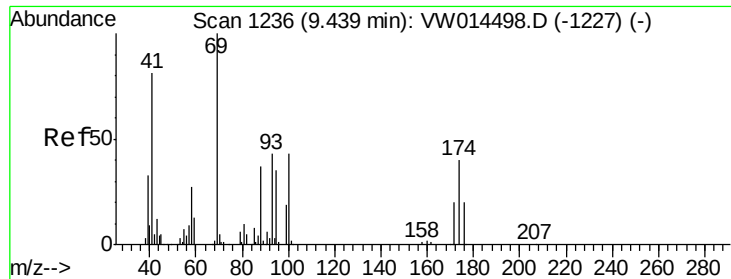
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.4	122.2
192	21.8	17.8	26.8



#38
 Carbon Tetrachloride
 Concen: 7.007 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW014614.D
 Acq: 13 Jan 2020 10:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	77.0	115.6#
121	0.0	24.6	36.8#

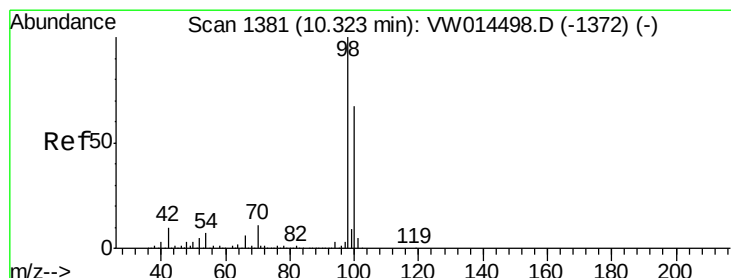
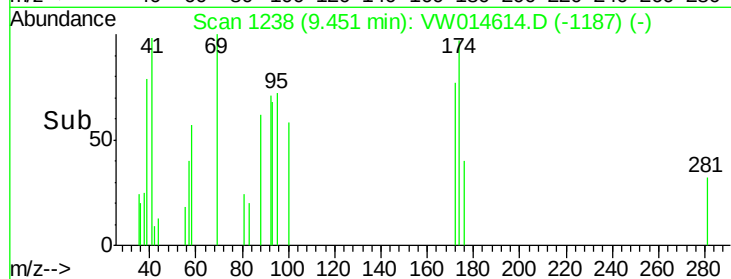
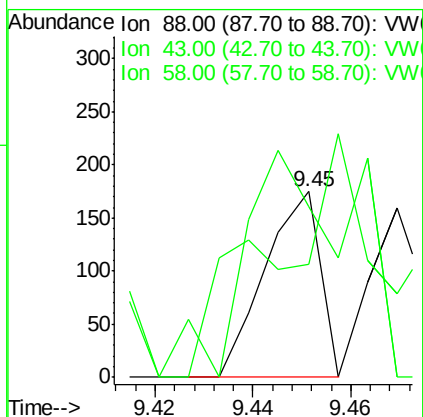
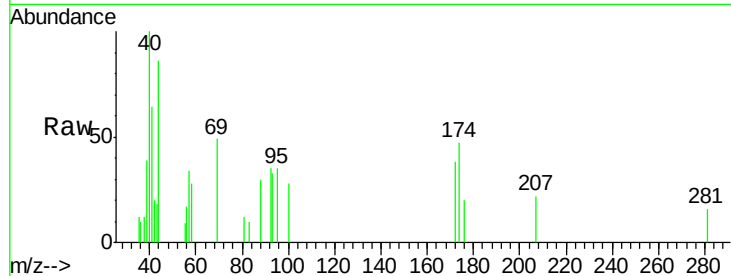




#49
1,4-Dioxane
Concen: 2.063 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW014614.D
Acq: 13 Jan 2020 10:38

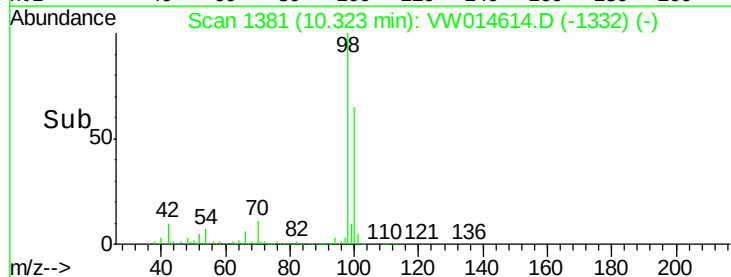
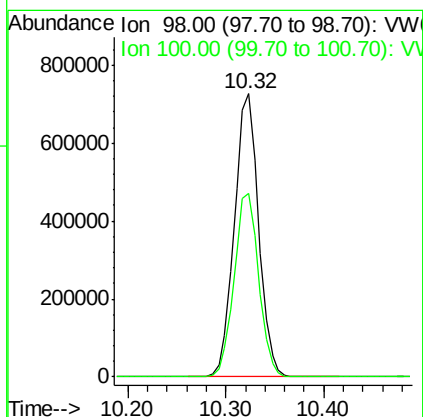
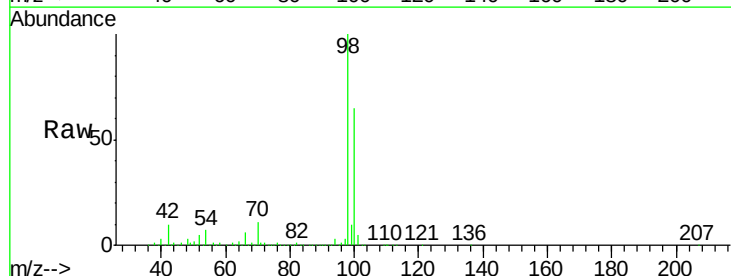
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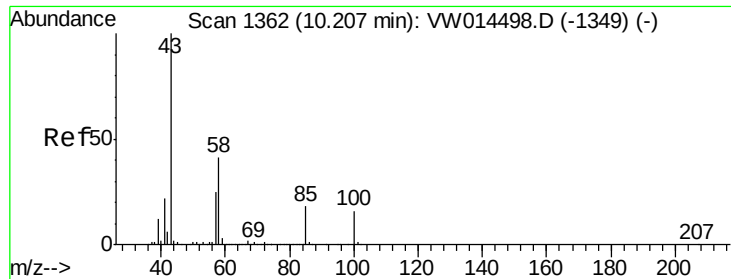
Tgt Ion: 88 Resp: 136
Ion Ratio Lower Upper
88 100
43 267.6 24.9 37.3#
58 241.2 56.9 85.3#



#50
Toluene-d8
Concen: 49.073 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW014614.D
Acq: 13 Jan 2020 10:38

Tgt Ion: 98 Resp: 1248476
Ion Ratio Lower Upper
98 100
100 65.9 53.8 80.6

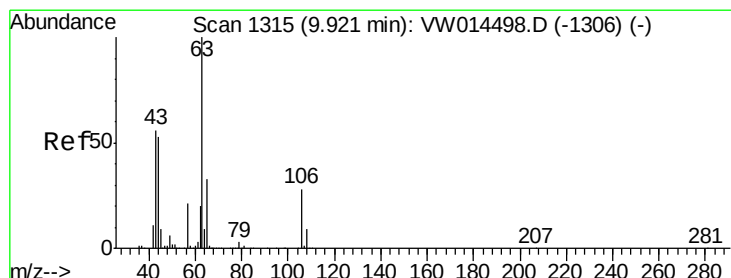
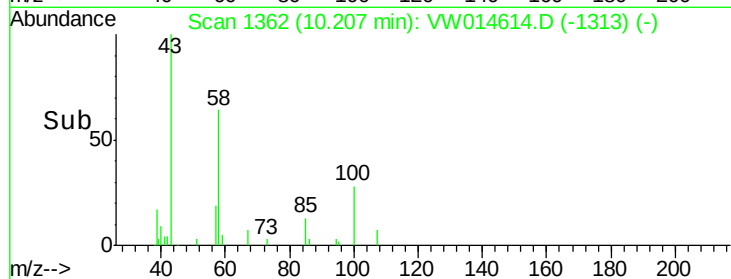
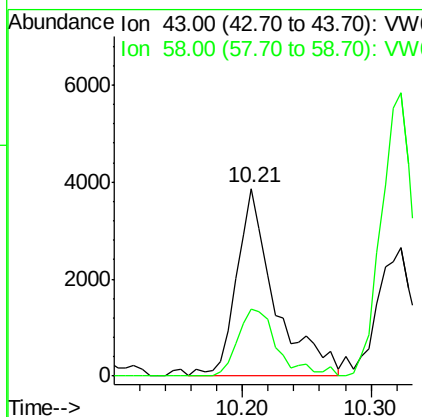
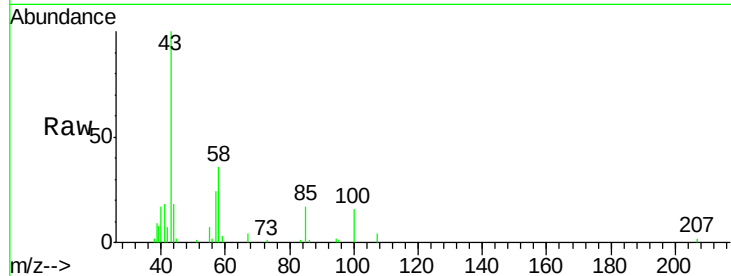




#51
 4-Methyl-2-Pentanone
 Concen: 1.813 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW014614.D
 Acq: 13 Jan 2020 10:38

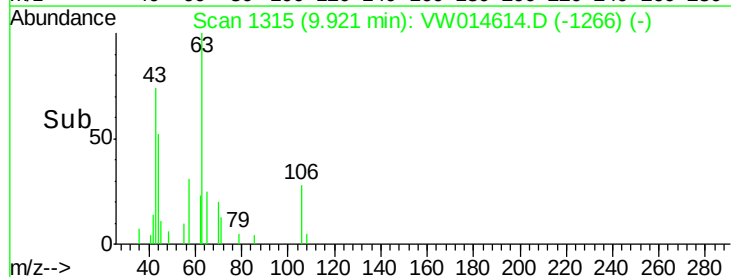
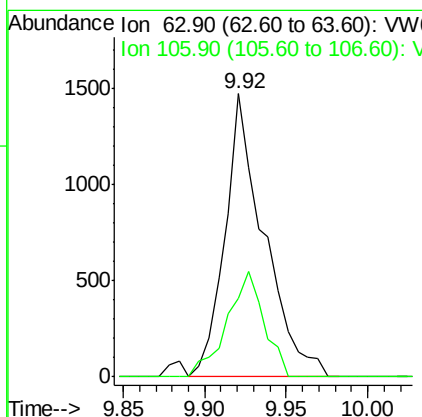
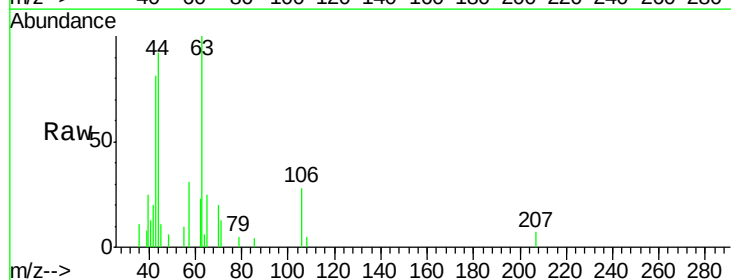
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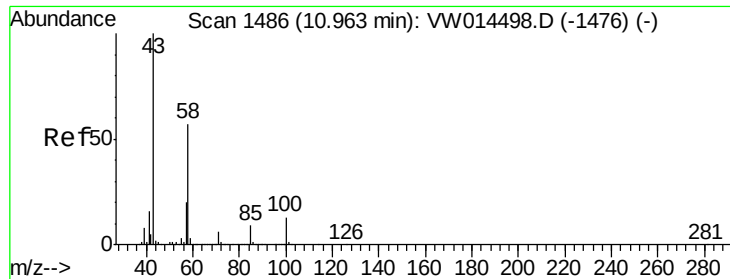
Tgt Ion: 43 Resp: 7972
 Ion Ratio Lower Upper
 43 100
 58 37.1 32.7 49.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 1.201 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW014614.D
 Acq: 13 Jan 2020 10:38

Tgt Ion: 63 Resp: 2444
 Ion Ratio Lower Upper
 63 100
 106 35.1 23.0 34.6#





#59

2-Hexanone

Concen: 1.089 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.01 min

Lab File: VW014614.D

Acq: 13 Jan 2020 10:38

Instrument :

MSVOA_W

ClientSampleId :

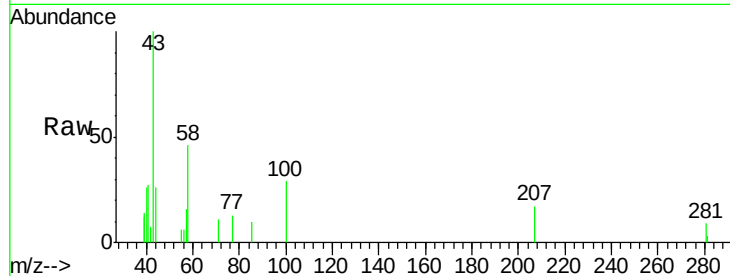
VW0113SBL01

Tgt Ion: 43 Resp: 3300

Ion Ratio Lower Upper

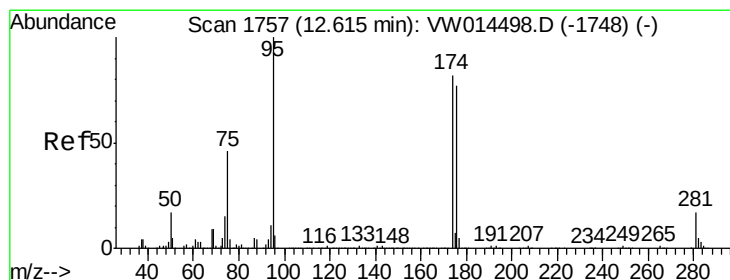
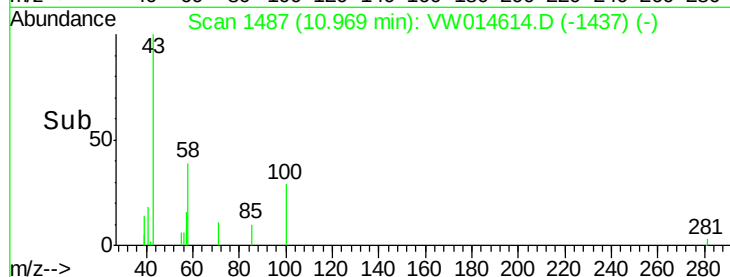
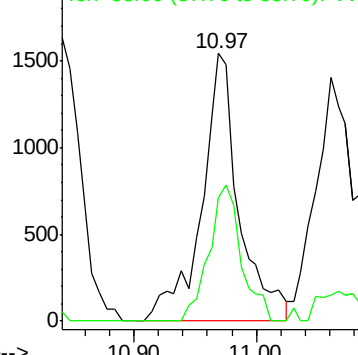
43 100

58 43.7 28.7 86.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#62

4-Bromofluorobenzene

Concen: 48.335 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW014614.D

Acq: 13 Jan 2020 10:38

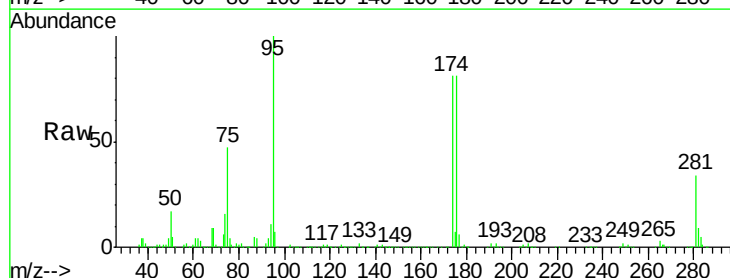
Tgt Ion: 95 Resp: 417100

Ion Ratio Lower Upper

95 100

174 84.1 0.0 168.6

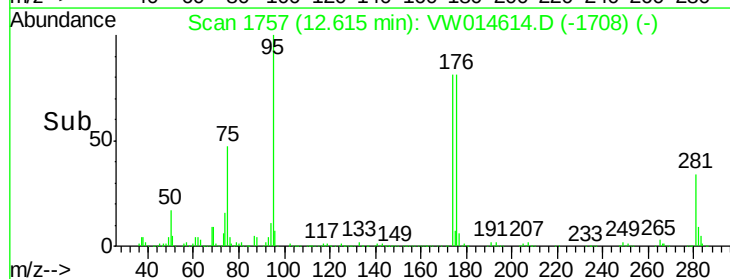
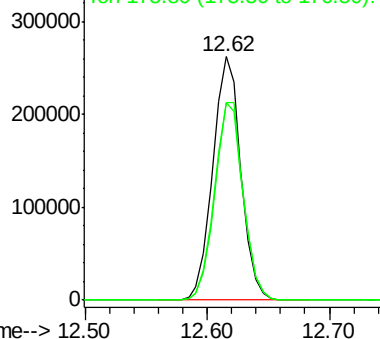
176 81.8 0.0 162.0

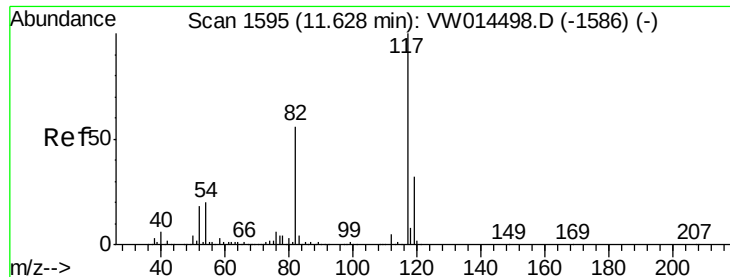


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

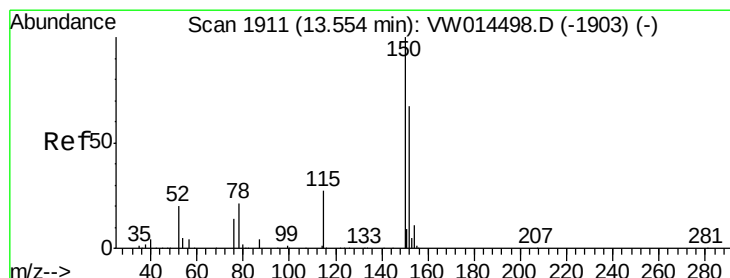
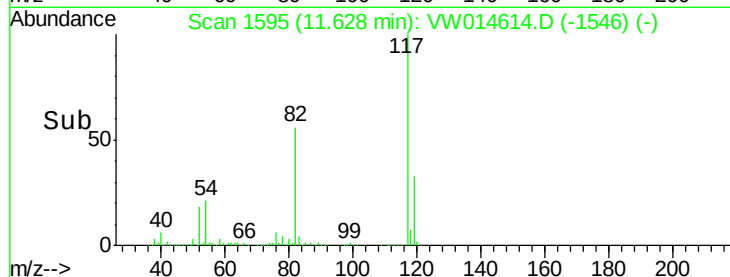
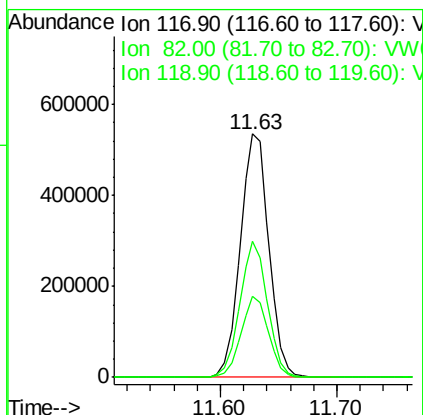
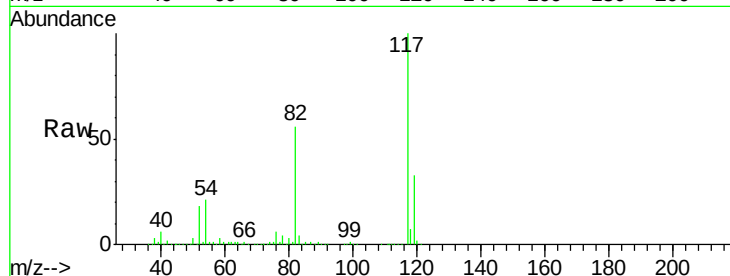




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014614.D
Acq: 13 Jan 2020 10:38

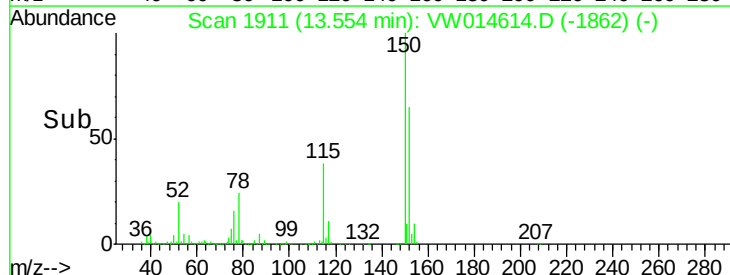
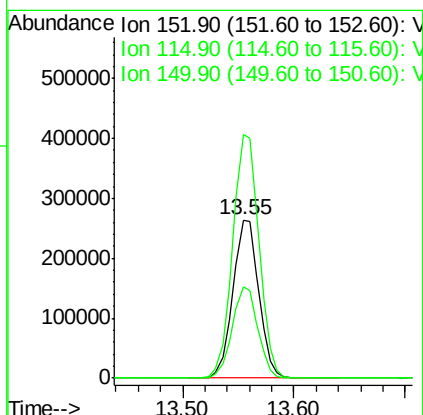
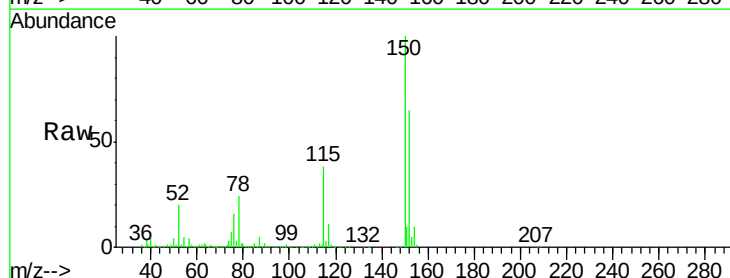
Instrument :
MSVOA_W
ClientSampleId :
VW0113SBL01

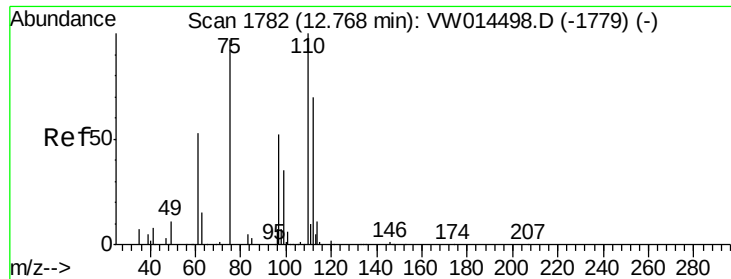
Tgt Ion:117 Resp: 914247
Ion Ratio Lower Upper
117 100
82 56.1 44.6 67.0
119 33.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. 0.00 min
Lab File: VW014614.D
Acq: 13 Jan 2020 10:38

Tgt Ion:152 Resp: 422068
Ion Ratio Lower Upper
152 100
115 57.3 27.7 83.1
150 157.3 0.0 343.4





#76

1,2,3-Trichloropropane

Concen: 49.134 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW014614.D

Acq: 13 Jan 2020 10:38

Instrument :

MSVOA_W

ClientSampleId :

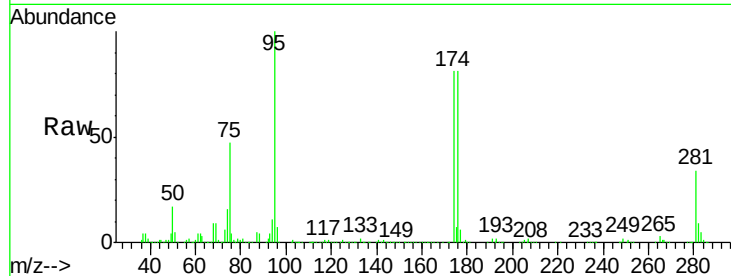
VW0113SBL01

Tgt Ion: 75 Resp: 196075

Ion Ratio Lower Upper

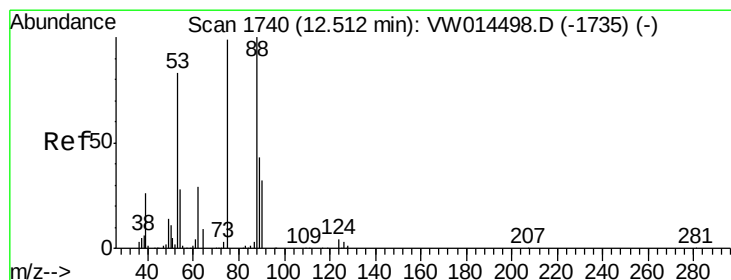
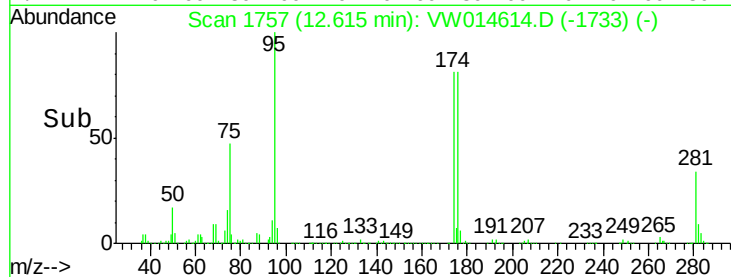
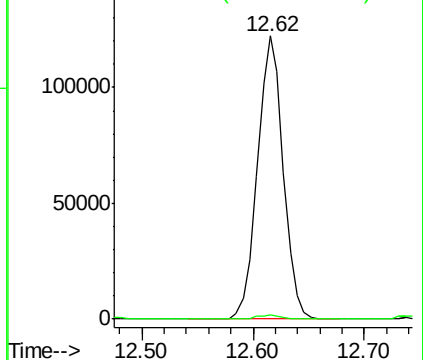
75 100

77 1.6 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: 109.473 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW014614.D

Acq: 13 Jan 2020 10:38

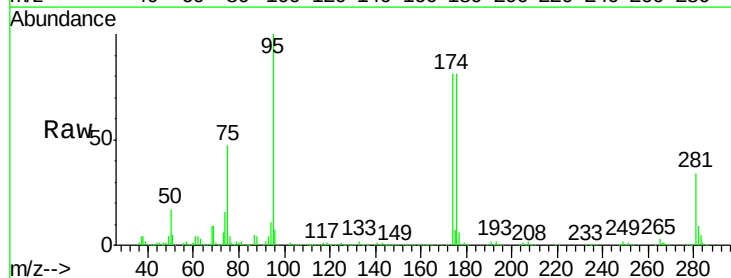
Tgt Ion: 75 Resp: 196075

Ion Ratio Lower Upper

75 100

53 0.1 70.9 106.3#

89 0.1 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

