

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012420\
 Data File : VW014743.D
 Acq On : 24 Jan 2020 14:38
 Operator : SY/VA
 Sample : VW0124SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBL01

Quant Time: Jan 25 06:08:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012420S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 24 13:12:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	695952	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1112705	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	953395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	439917	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	368866	55.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.06%	
35) Dibromofluoromethane	7.88	113	338472	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	
50) Toluene-d8	10.32	98	1381813	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
62) 4-Bromofluorobenzene	12.61	95	447874	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	

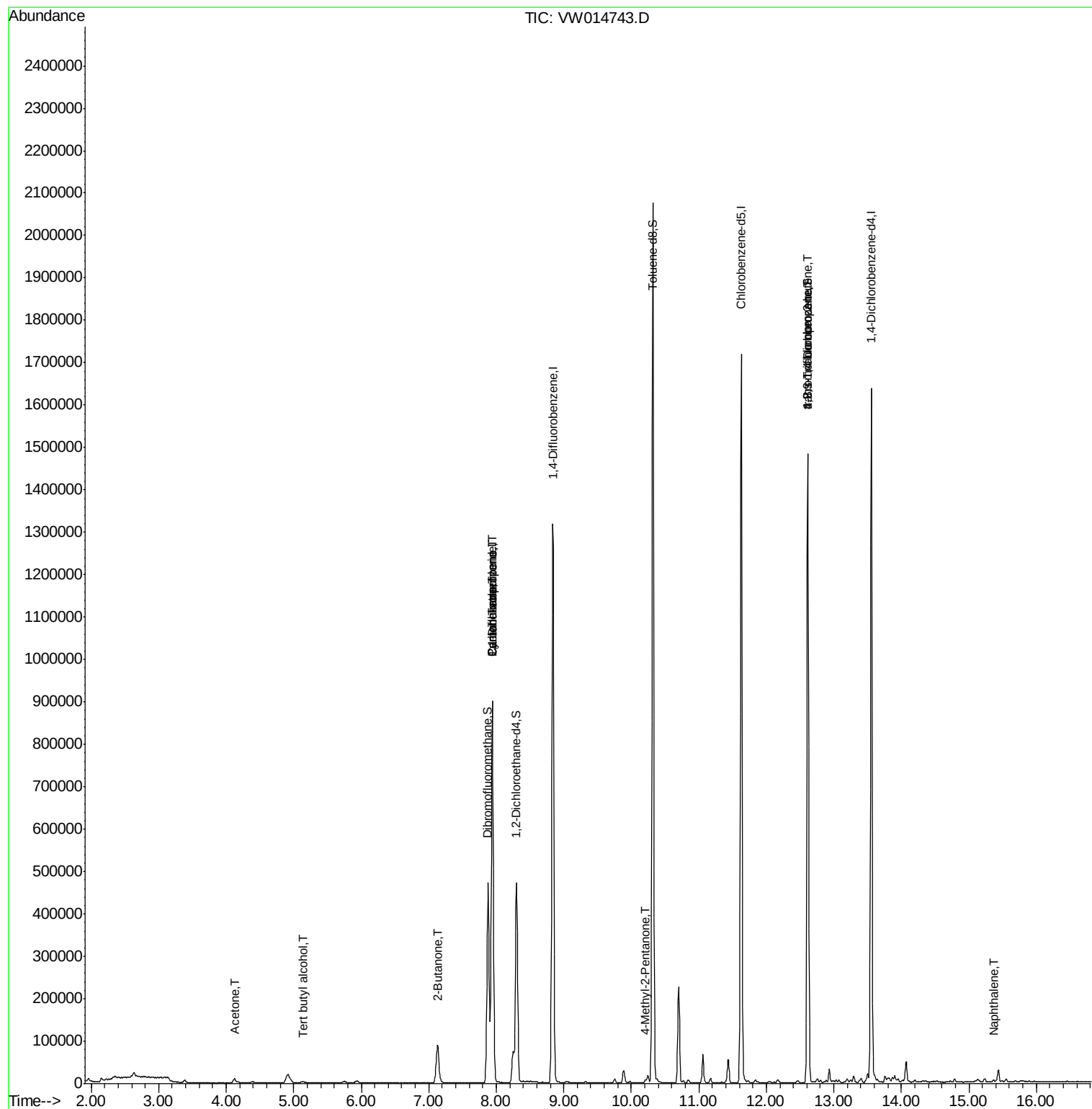
Target Compounds					Qvalue
11) Tert butyl alcohol	5.14	59	1010	2.097 ug/l #	93
16) Acetone	4.12	43	20233	12.011 ug/l	97
20) Methylene Chloride	4.92	84	16107	Below Cal	96
25) 2-Butanone	7.13	43	5264	2.374 ug/l #	81
31) Cyclohexane	7.95	56	14226	1.020 ug/l #	1
36) 1,1-Dichloropropene	7.94	75	53682	4.758 ug/l #	50
38) Carbon Tetrachloride	7.94	117	66172	6.734 ug/l #	15
51) 4-Methyl-2-Pentanone	10.21	43	5440	1.151 ug/l	99
76) 1,2,3-Trichloropropane	12.61	75	221871	50.798 ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.61	75	221871	120.224 ug/l #	11
95) Naphthalene	15.36	128	4063	1.243 ug/l	97

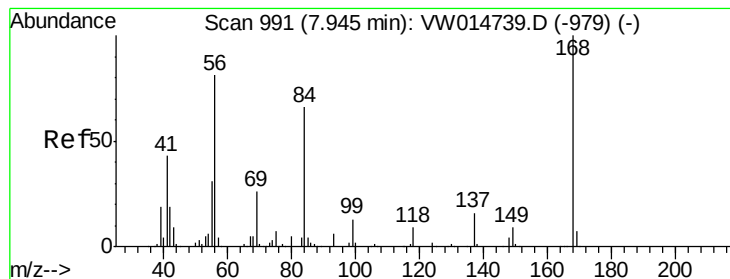
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012420\
Data File : VW014743.D
Acq On : 24 Jan 2020 14:38
Operator : SY/VA
Sample : VW0124SBL01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBL01

Quant Time: Jan 25 06:08:27 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W012420S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 24 13:12:20 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: VW014743.D

Acq: 24 Jan 2020 14:38

Instrument :

MSVOA_W

ClientSampleId :

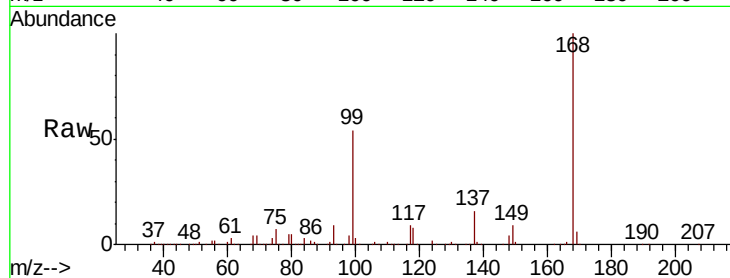
VW0124SBL01

Tot Ion:168 Resp: 695952

Ion Ratio Lower Upper

168 100

99 54.3 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

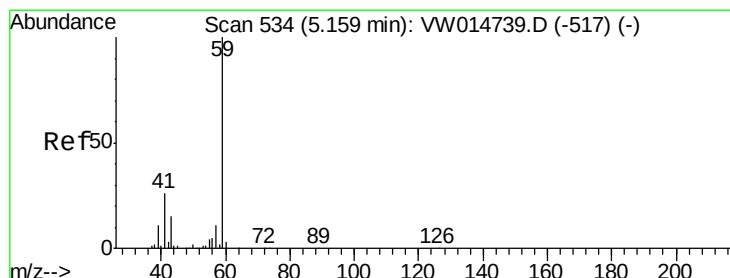
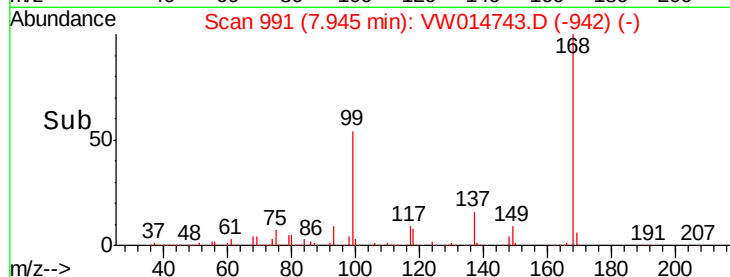
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.097 ug/l

RT: 5.14 min Scan# 531

Delta R.T. -0.02 min

Lab File: VW014743.D

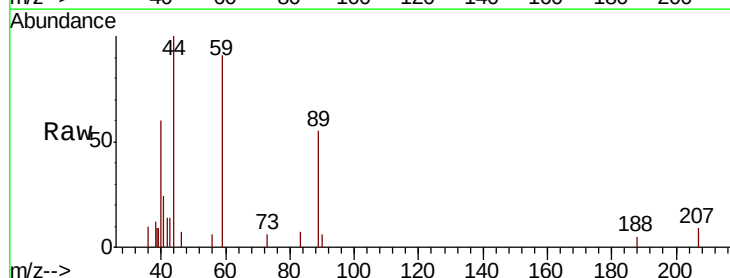
Acq: 24 Jan 2020 14:38

Tgt Ion: 59 Resp: 1010

Ion Ratio Lower Upper

59 100

57 13.2 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.14

1000

800

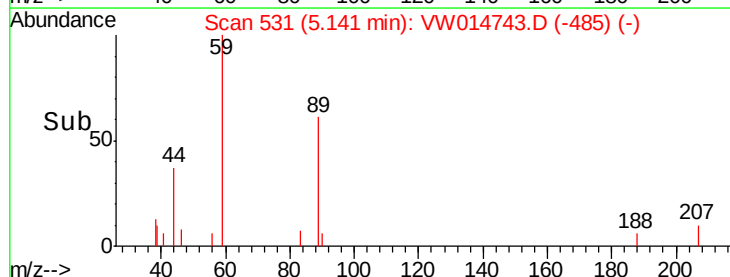
600

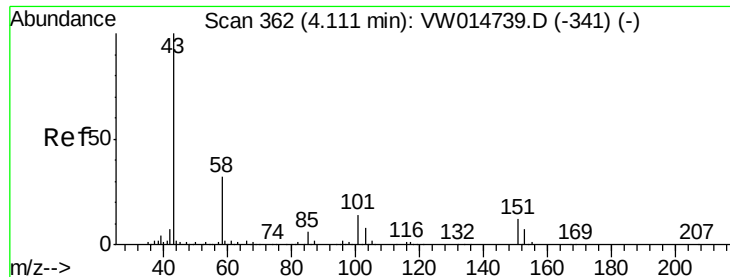
400

200

0

Time-->

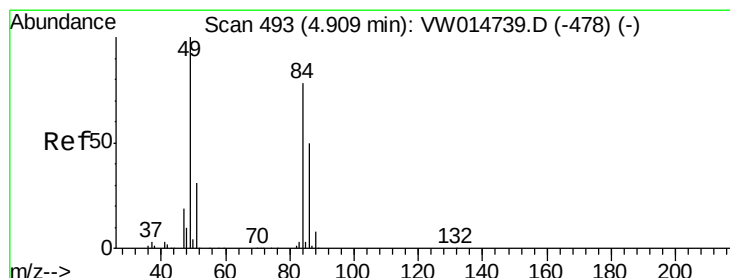
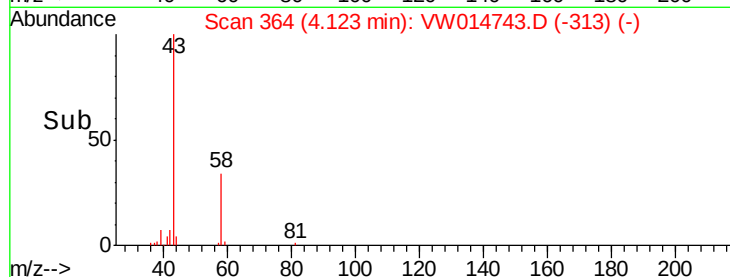
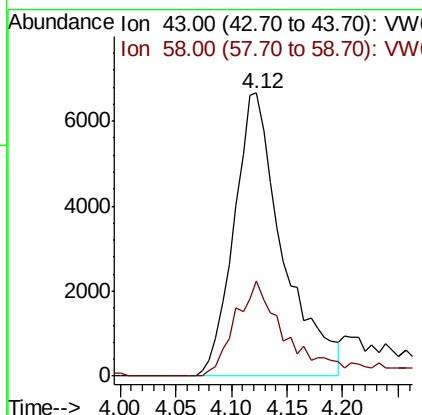
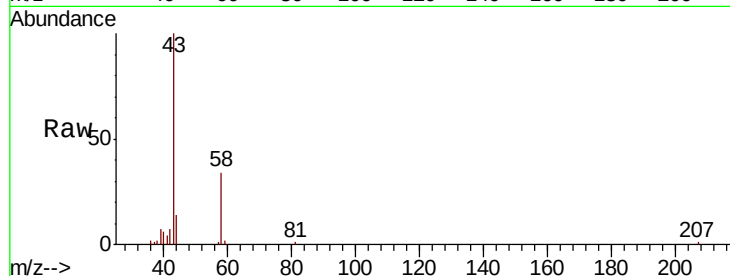




#16
Acetone
Concen: 12.011 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW014743.D
Acq: 24 Jan 2020 14:38

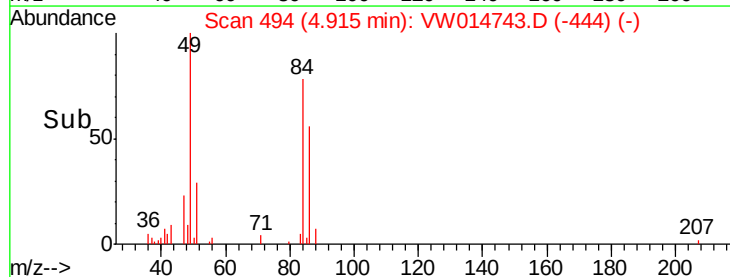
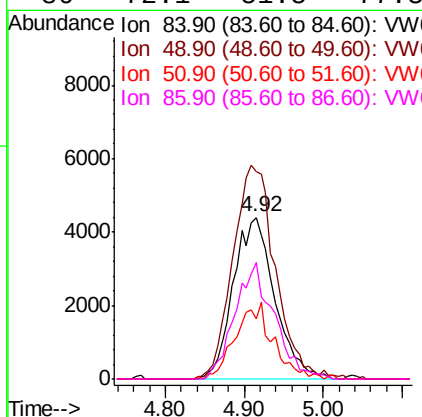
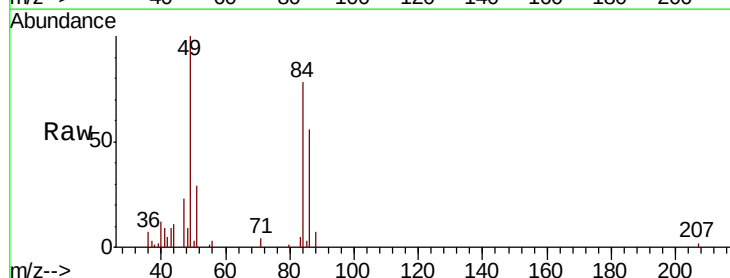
Instrument :
MSVOA_W
ClientSampleId :
VW0124SBL01

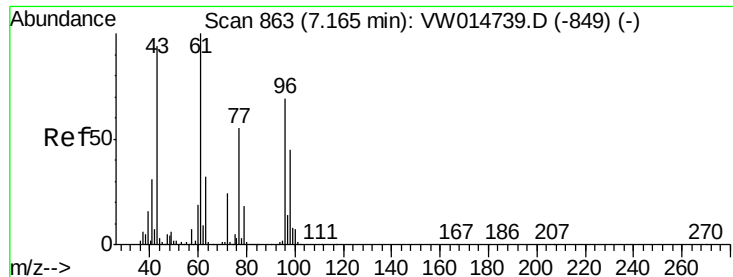
Tot Ion: 43 Resp: 20233
Ion Ratio Lower Upper
43 100
58 33.8 25.6 38.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW014743.D
Acq: 24 Jan 2020 14:38

Tgt Ion: 84 Resp: 16107
Ion Ratio Lower Upper
84 100
49 128.0 103.1 154.7
51 37.4 32.1 48.1
86 72.1 51.5 77.3





#25

2-Butanone

Concen: 2.374 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

Lab File: VW014743.D

Acq: 24 Jan 2020 14:38

Instrument :

MSVOA_W

ClientSampleId :

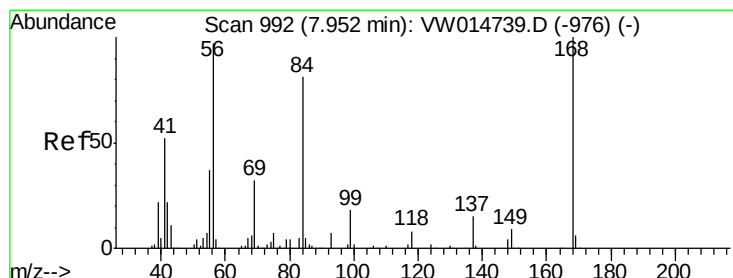
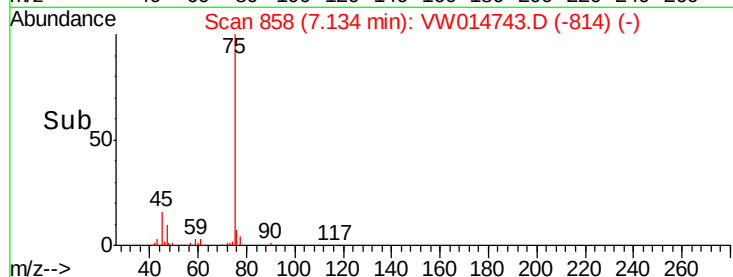
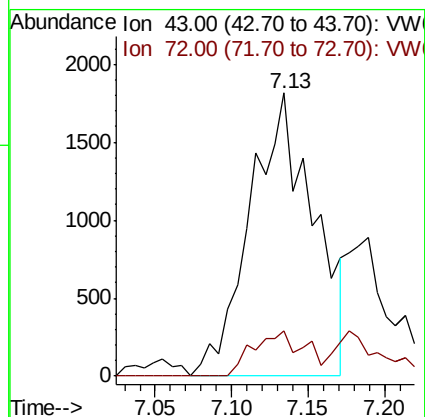
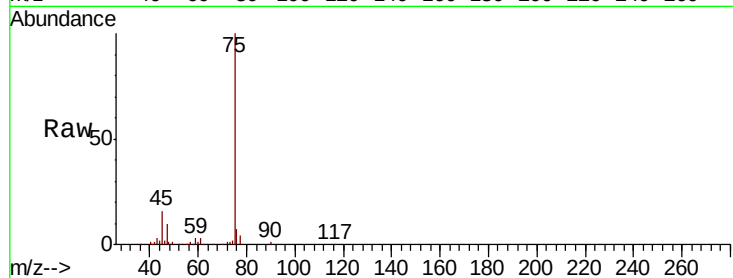
VW0124SBL01

Tot Ion: 43 Resp: 5264

Ion Ratio Lower Upper

43 100

72 15.8 20.2 30.4#



#31

Cyclohexane

Concen: 1.020 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW014743.D

Acq: 24 Jan 2020 14:38

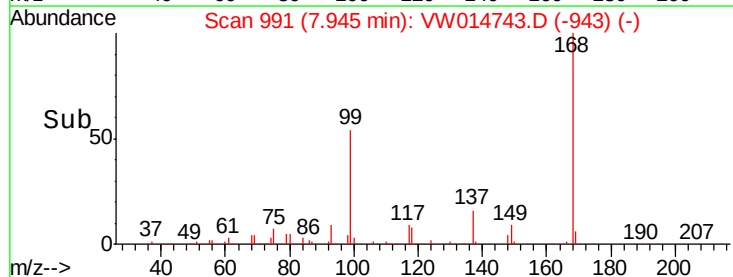
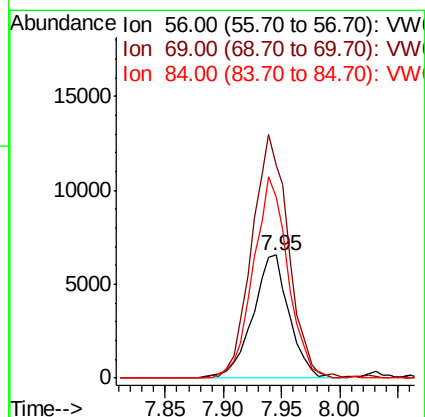
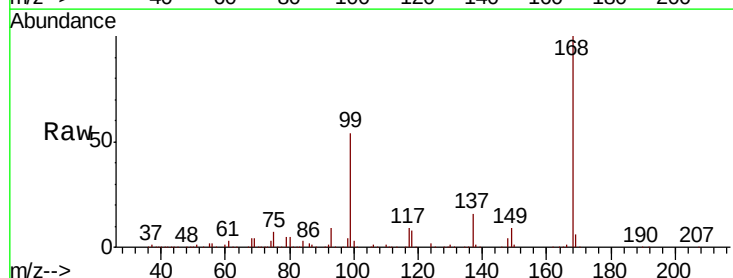
Tgt Ion: 56 Resp: 14226

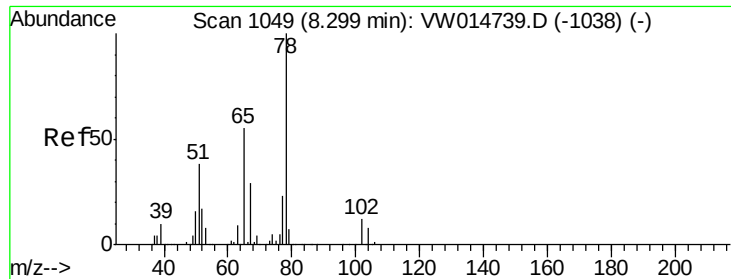
Ion Ratio Lower Upper

56 100

69 173.2 26.0 39.0#

84 146.7 66.6 99.8#

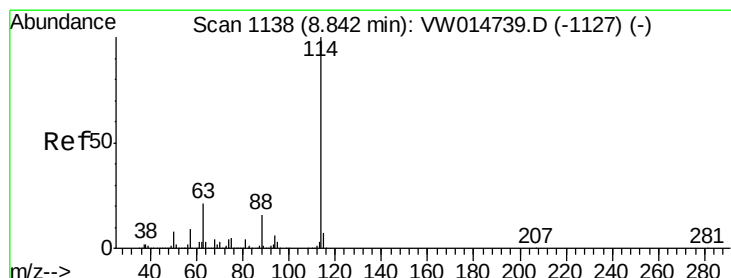
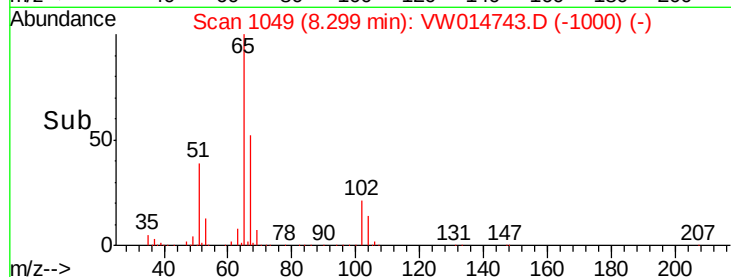
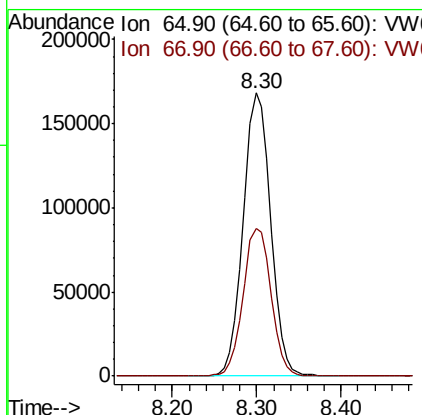
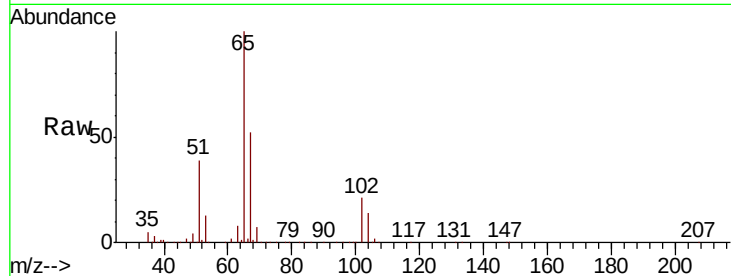




#33
 1,2-Dichloroethane-d4
 Concen: 55.030 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: VW014743.D
 Acq: 24 Jan 2020 14:38

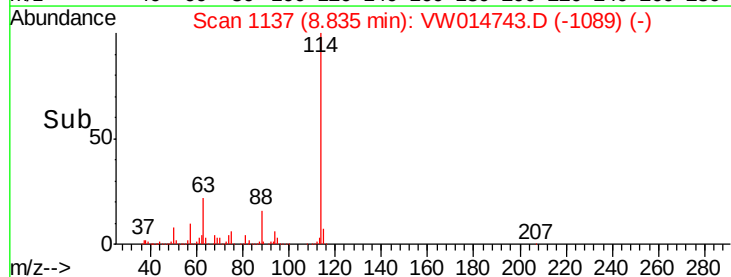
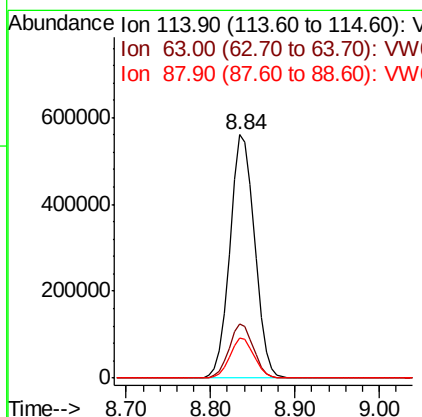
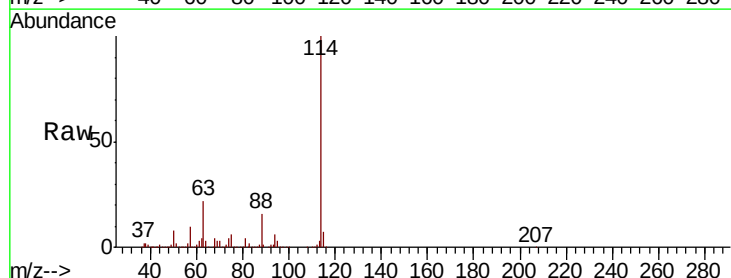
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBL01

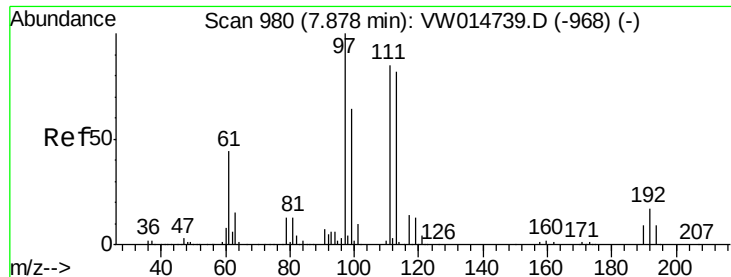
Tot Ion: 65 Resp: 368866
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW014743.D
 Acq: 24 Jan 2020 14:38

Tgt Ion: 114 Resp: 1112705
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 41.2
 88 16.2 0.0 32.2

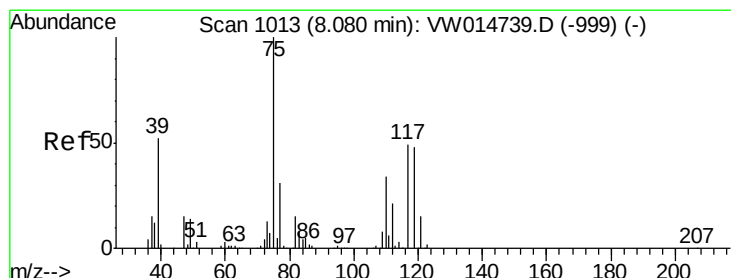
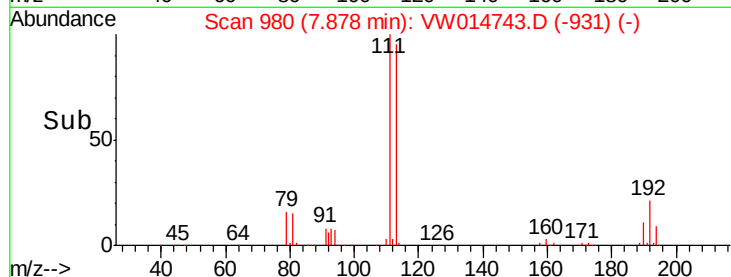
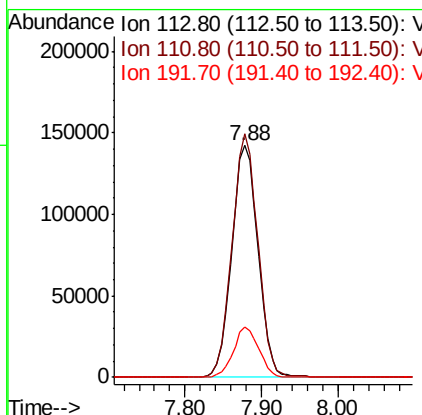
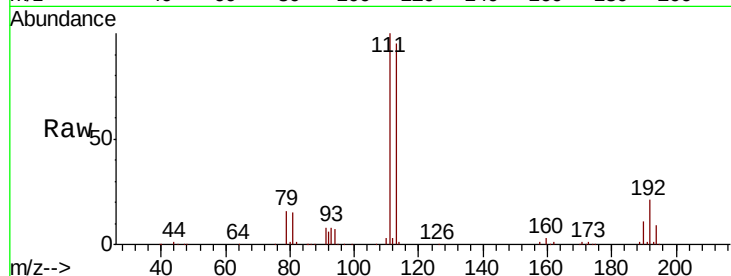




#35
 Dibromofluoromethane
 Concen: 52.257 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW014743.D
 Acq: 24 Jan 2020 14:38

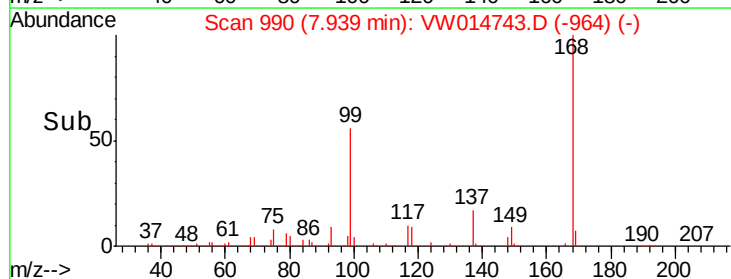
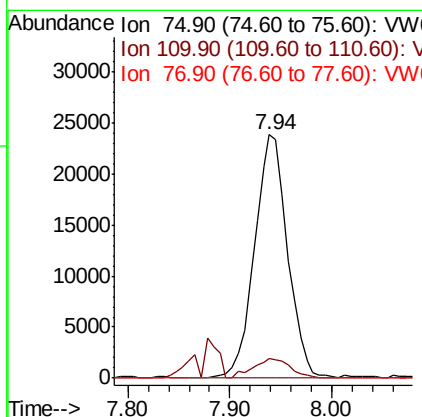
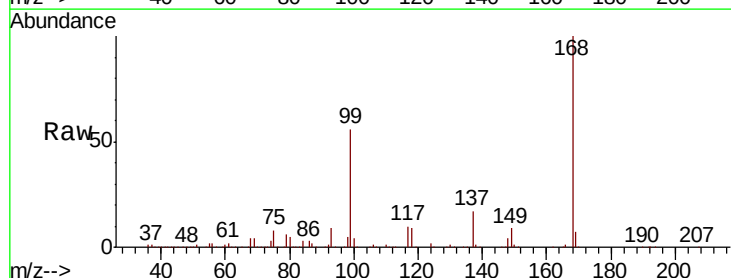
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBL01

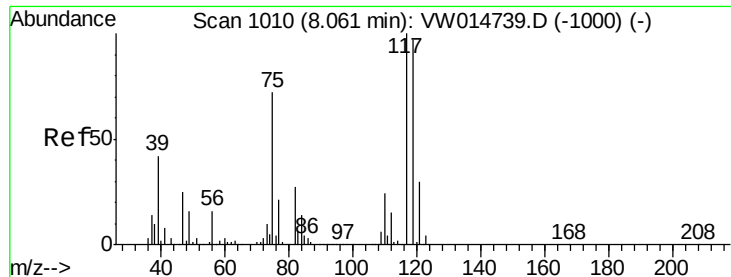
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.2
192	21.0	17.0	25.6



#36
 1,1-Dichloropropene
 Concen: 4.758 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW014743.D
 Acq: 24 Jan 2020 14:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.0	17.1	51.2#
77	0.0	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 6.734 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.12 min

Lab File: VW014743.D

Acq: 24 Jan 2020 14:38

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBL01

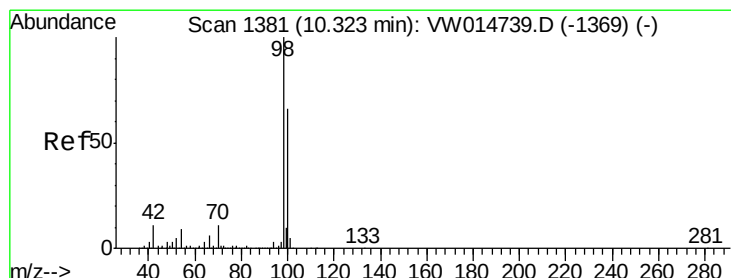
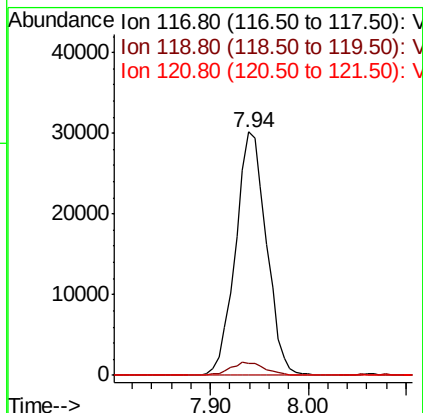
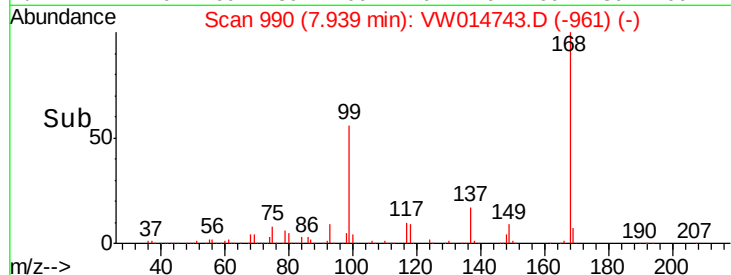
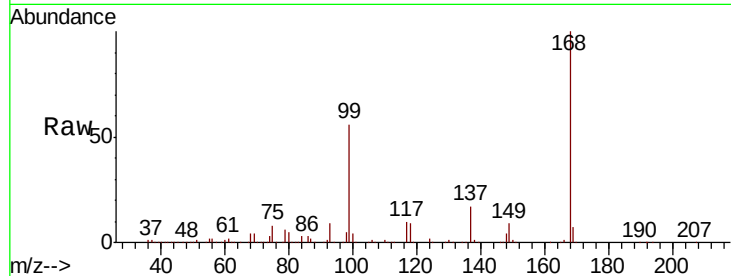
Tot Ion:117 Resp: 66172

Ion Ratio Lower Upper

117 100

119 5.0 77.5 116.3#

121 0.0 24.3 36.5#



#50

Toluene-d8

Concen: 51.739 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW014743.D

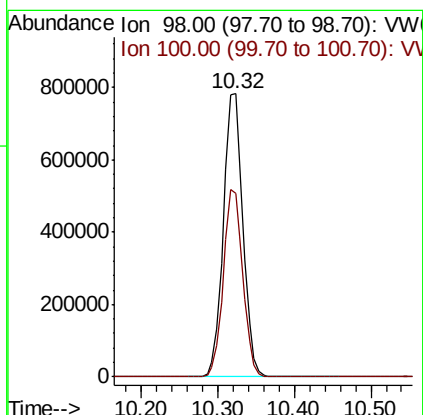
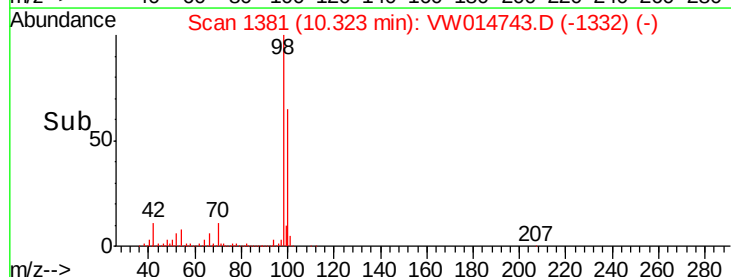
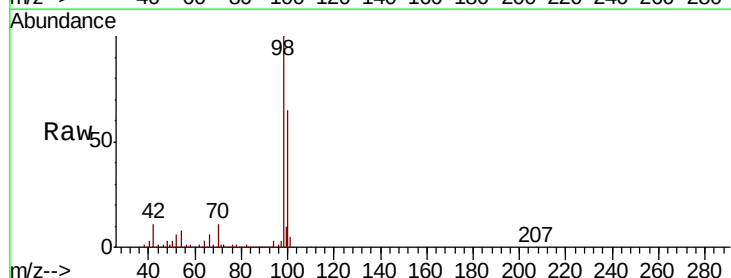
Acq: 24 Jan 2020 14:38

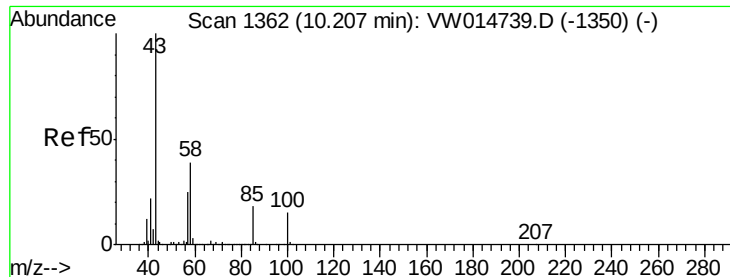
Tgt Ion: 98 Resp: 1381813

Ion Ratio Lower Upper

98 100

100 65.7 52.6 79.0

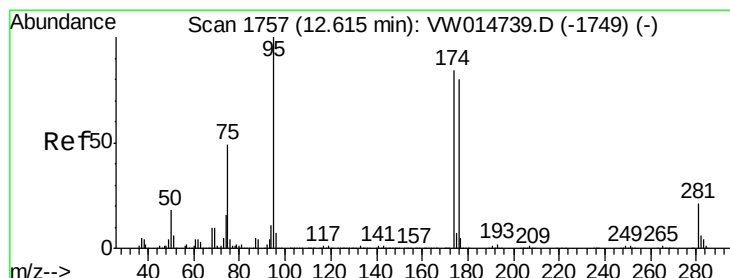
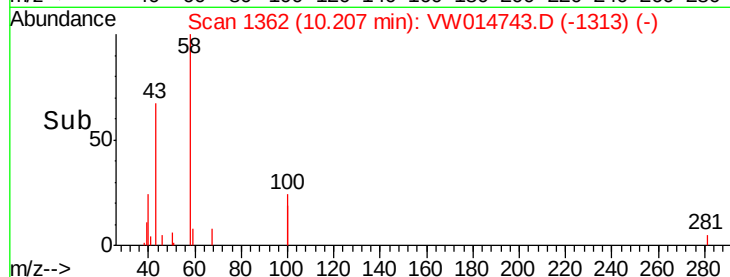
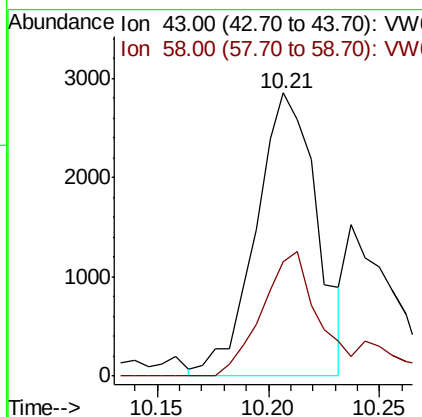
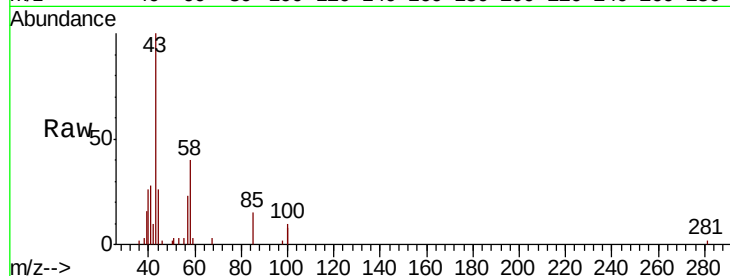




#51
4-Methyl-2-Pentanone
Concen: 1.151 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW014743.D
Acq: 24 Jan 2020 14:38

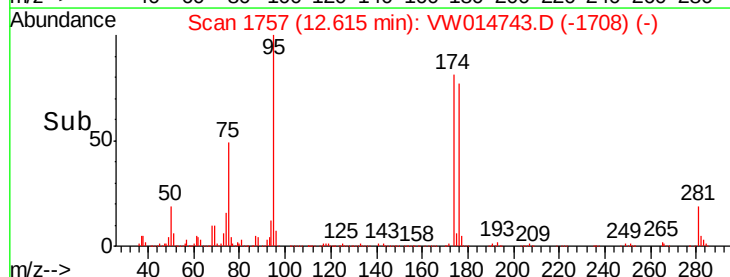
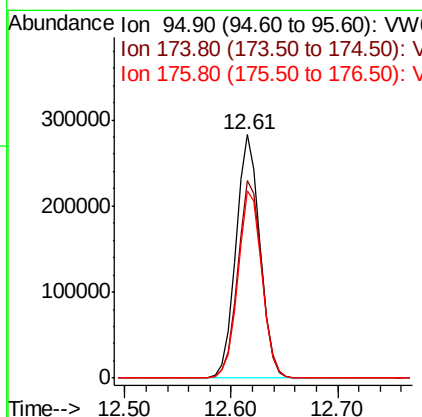
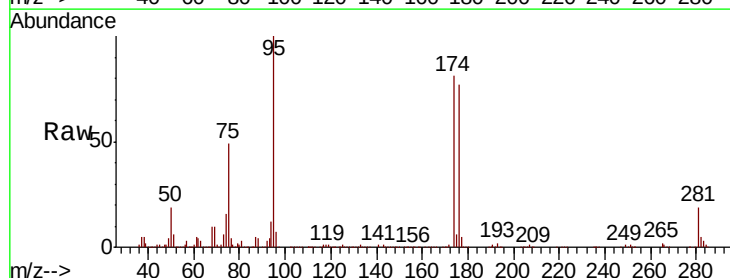
Instrument :
MSVOA_W
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VW0124SBL01

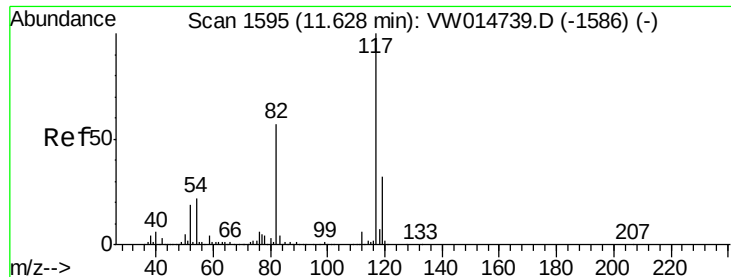
Tot Ion: 43 Resp: 5440
Ion Ratio Lower Upper
43 100
58 40.1 31.4 47.0



#62
4-Bromofluorobenzene
Concen: 50.156 ug/l
RT: 12.61 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW014743.D
Acq: 24 Jan 2020 14:38

Tgt Ion: 95 Resp: 447874
Ion Ratio Lower Upper
95 100
174 81.4 0.0 163.0
176 77.0 0.0 159.2

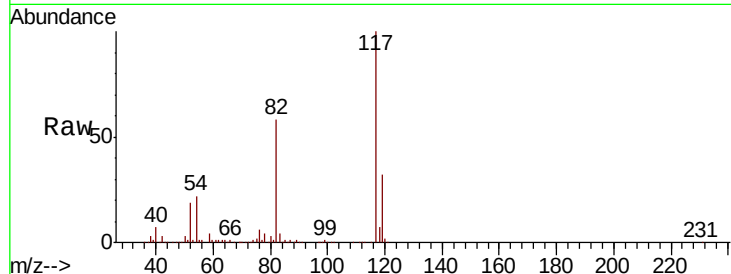




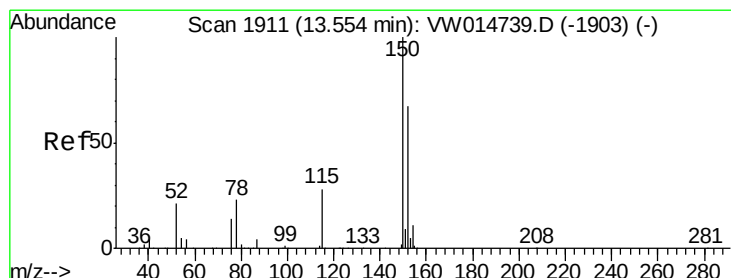
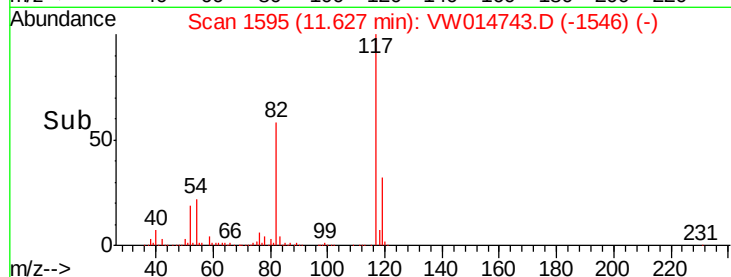
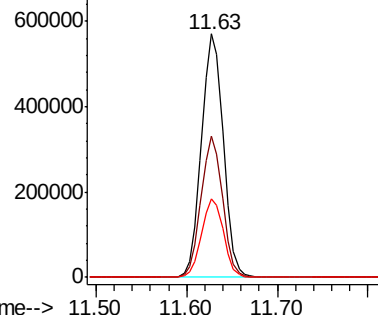
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014743.D
Acq: 24 Jan 2020 14:38

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.3	45.9	68.9
119	32.0	25.7	38.5

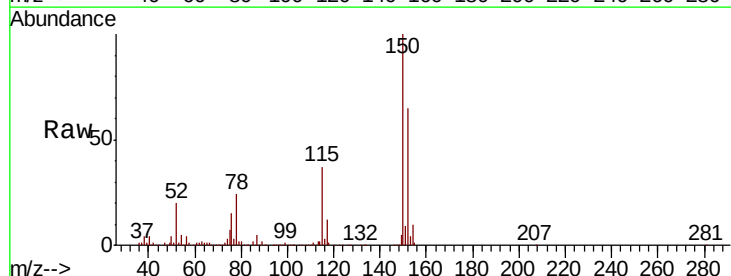


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

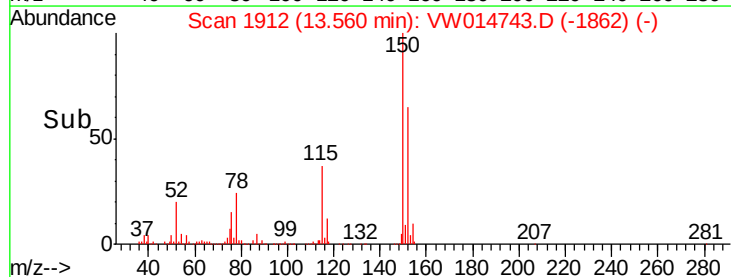
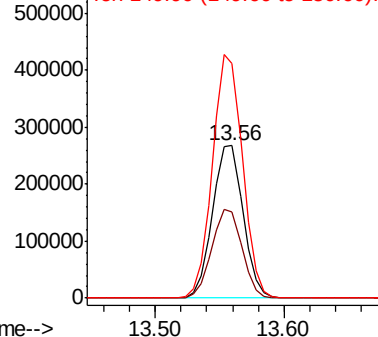


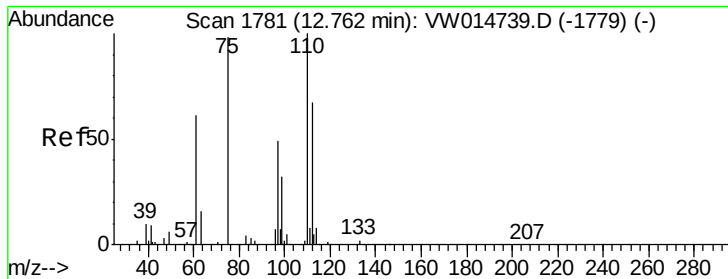
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.01 min
Lab File: VW014743.D
Acq: 24 Jan 2020 14:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.4	29.0	87.1
150	156.3	0.0	354.0



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: 50.798 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW014743.D

Acq: 24 Jan 2020 14:38

Instrument :

MSVOA_W

ClientSampleId :

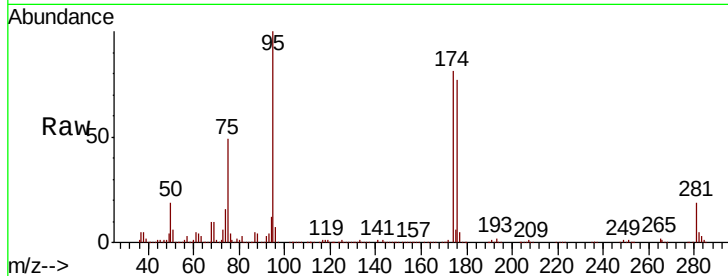
VW0124SBL01

Tot Ion: 75 Resp: 221871

Ion Ratio Lower Upper

75 100

77 1.2 167.9 503.9#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

12.61

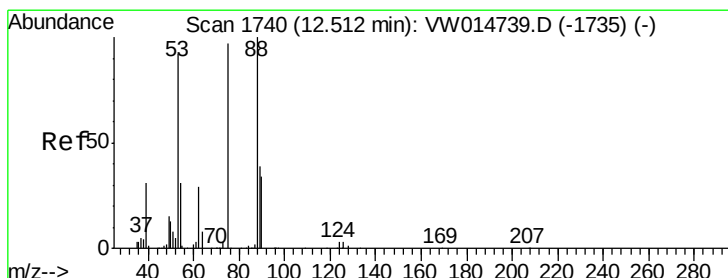
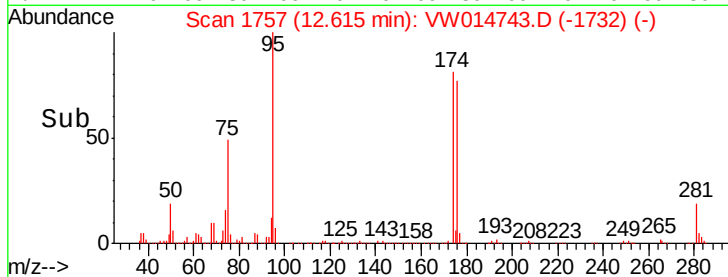
150000

100000

50000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 120.224 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW014743.D

Acq: 24 Jan 2020 14:38

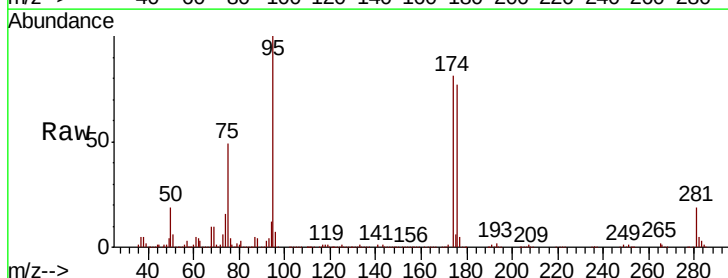
Tgt Ion: 75 Resp: 221871

Ion Ratio Lower Upper

75 100

53 0.2 77.0 115.4#

89 0.2 35.2 52.8#



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

12.61

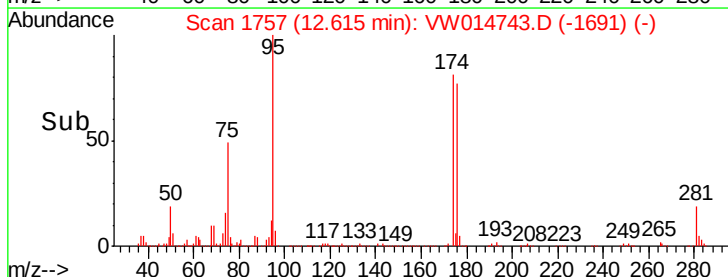
150000

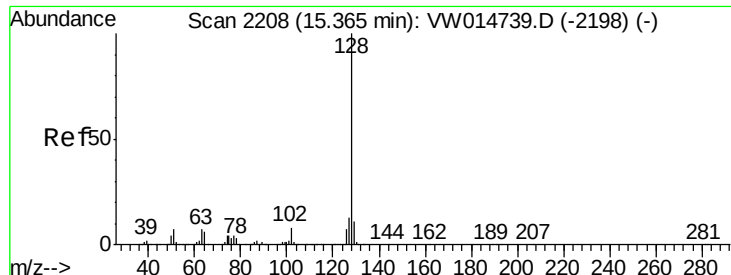
100000

50000

0

Time-->





#95

Naphthalene

Concen: 1.243 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW014743.D

Acq: 24 Jan 2020 14:38

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBL01

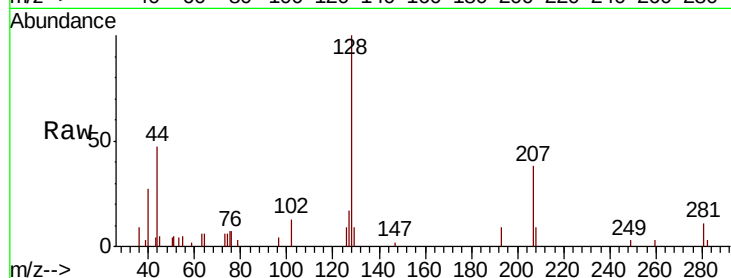
Tot Ion:128 Resp: 4063

Ion Ratio Lower Upper

128 100

127 14.7 10.6 15.8

129 11.7 8.8 13.2



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

