

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013691.D
 Acq On : 24 Oct 2019 03:06
 Operator : SY/VA
 Sample : K5502-08
 Misc : 9.98G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 24 07:32:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	308936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	474617	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	386506	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	156240	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	125732	54.25	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.50%	
35) Dibromofluoromethane	7.88	113	136540	51.77	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.54%	
50) Toluene-d8	10.32	98	537576	50.03	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.06%	
62) 4-Bromofluorobenzene	12.62	95	159556	43.85	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	87.70%	

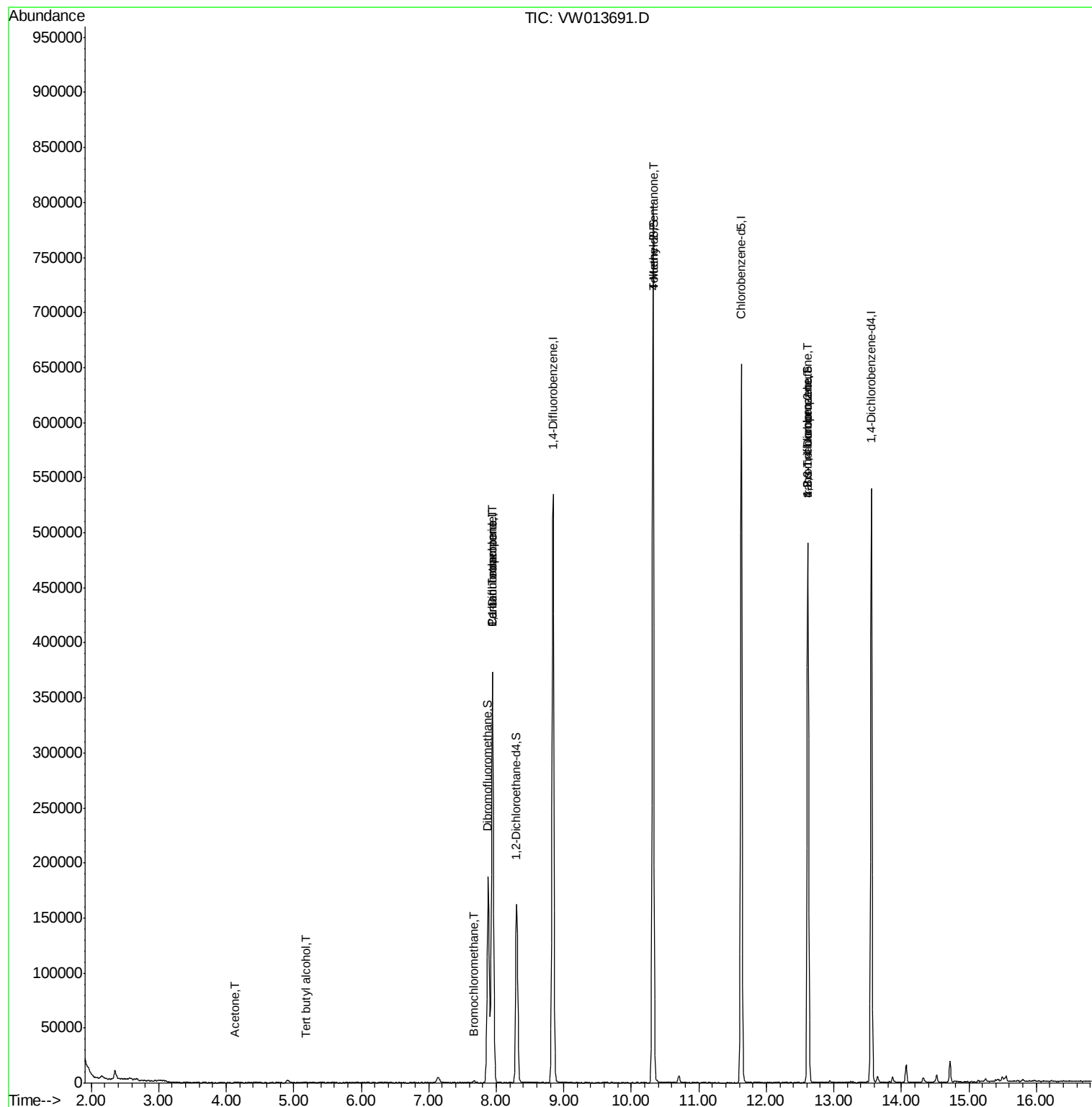
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	194	1.402	ug/l #	71
16) Acetone	4.14	43	1007	2.049	ug/l #	71
20) Methylene Chloride	4.90	84	1100	Below Cal	#	81
28) Bromochloromethane	7.66	49	49	1.367	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	19340	4.375	ug/l #	48
38) Carbon Tetrachloride	7.95	117	26600	6.683	ug/l #	16
51) 4-Methyl-2-Pentanone	10.32	43	1913	1.189	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	74743	66.615	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	74743	125.892	ug/l #	14

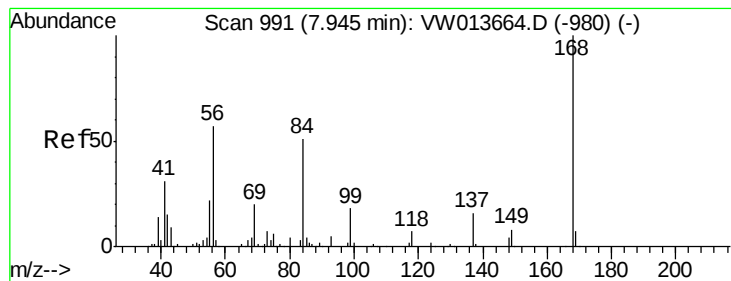
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102319\
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Quant Time: Oct 24 07:32:02 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 23 14:11:46 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: VW013691.D

Acq: 24 Oct 2019 03:06

Instrument :

MSVOA_W

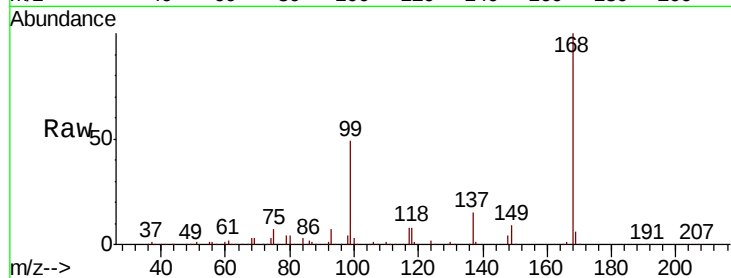
ClientSampleId :

Tot Ion:168 Resp: 308936

Ion Ratio Lower Upper

168 100

99 48.6 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

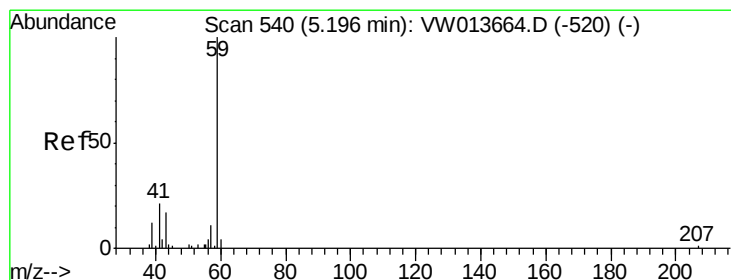
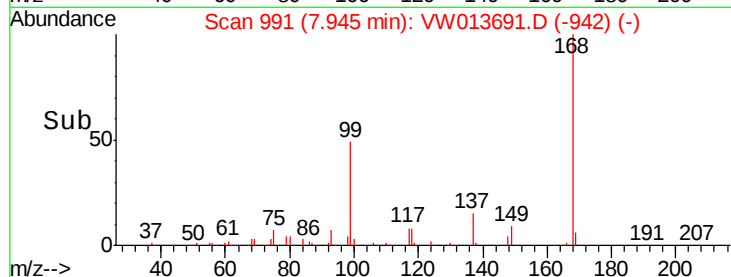
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 1.402 ug/l

RT: 5.18 min Scan# 537

Delta R.T. -0.02 min

Lab File: VW013691.D

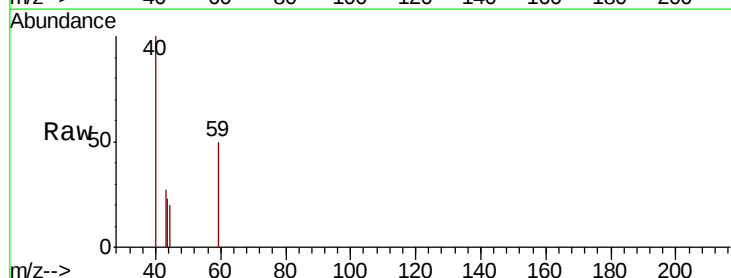
Acq: 24 Oct 2019 03:06

Tgt Ion: 59 Resp: 194

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

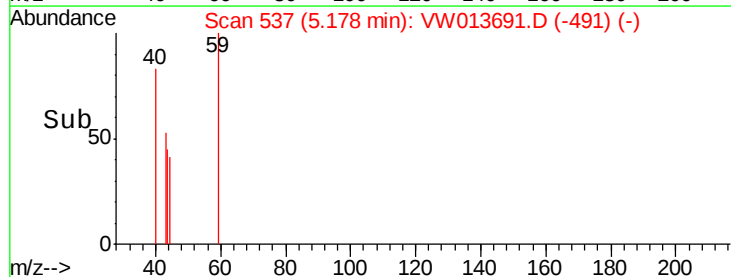
150

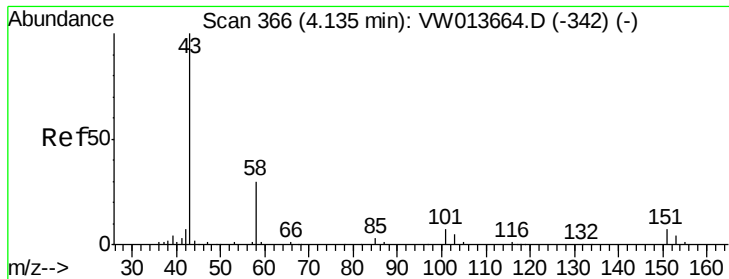
100

50

0

Time--> 5.15 5.20

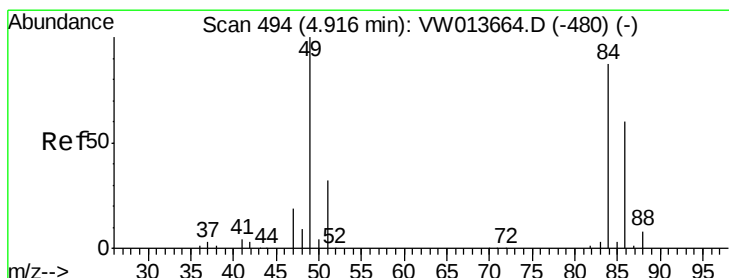
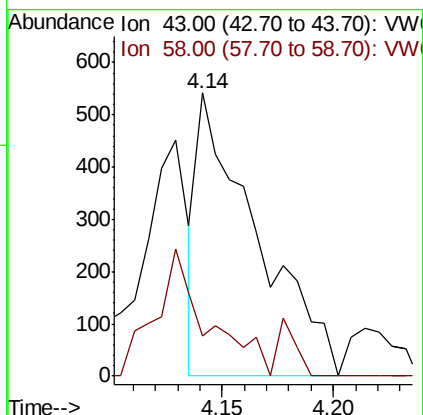
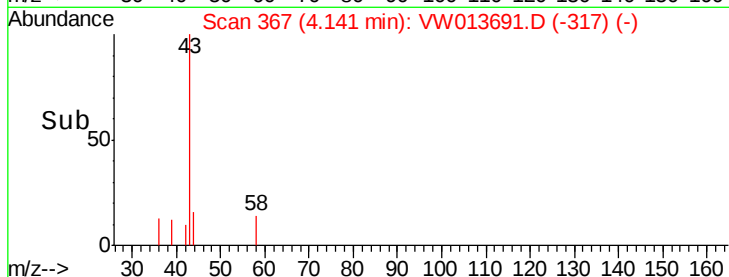
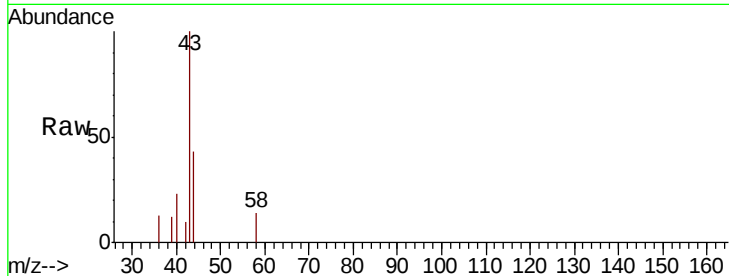




#16
Acetone
Concen: 2.049 ug/l
RT: 4.14 min Scan# 367
Delta R.T. 0.01 min
Lab File: VW013691.D
Acq: 24 Oct 2019 03:06

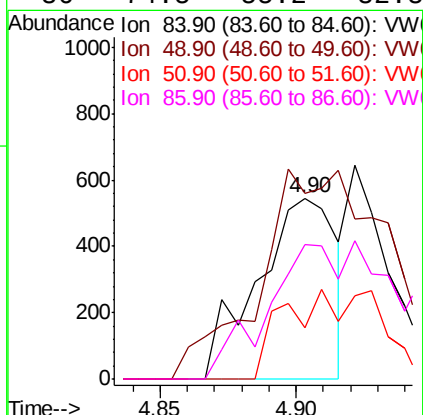
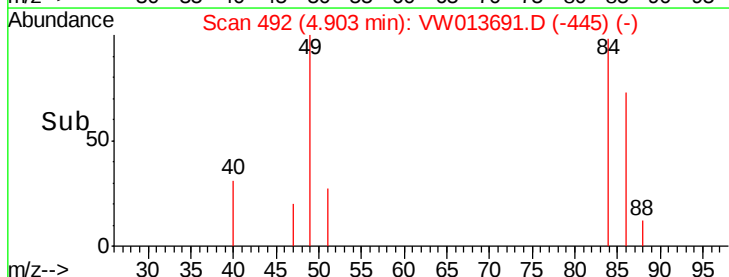
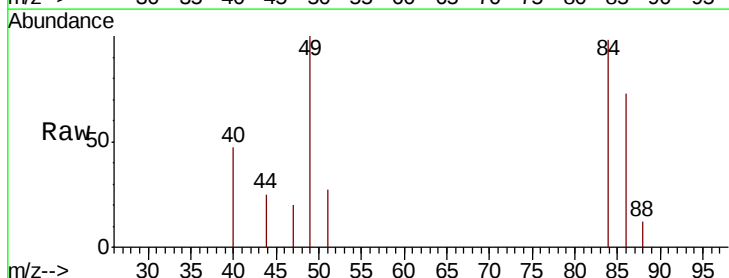
Instrument :
MSVOA_W
ClientSampled :

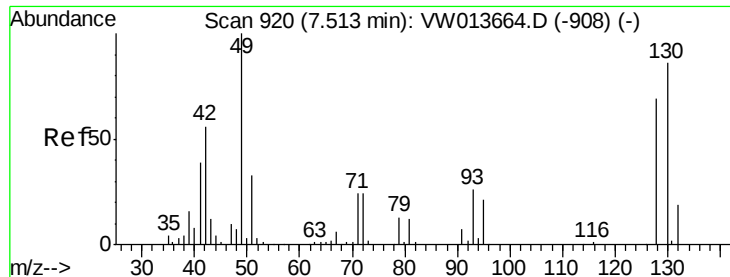
Tot Ion: 43 Resp: 1007
Ion Ratio Lower Upper
43 100
58 14.4 24.1 36.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW013691.D
Acq: 24 Oct 2019 03:06

Tgt Ion: 84 Resp: 1100
Ion Ratio Lower Upper
84 100
49 84.4 91.8 137.6#
51 28.0 29.8 44.6#
86 74.5 55.2 82.8

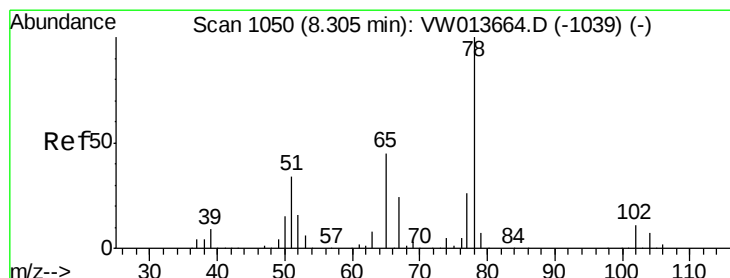
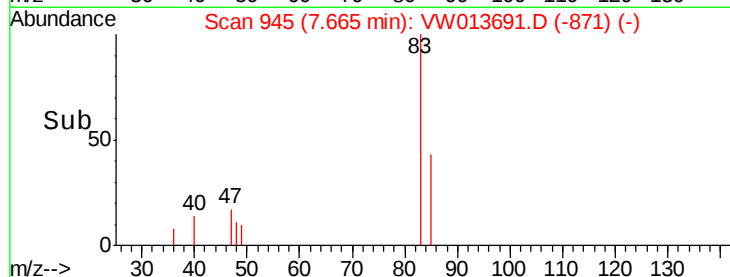
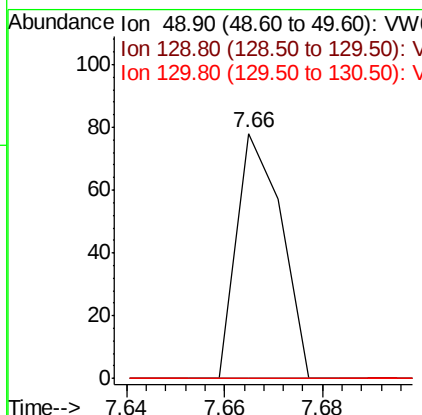
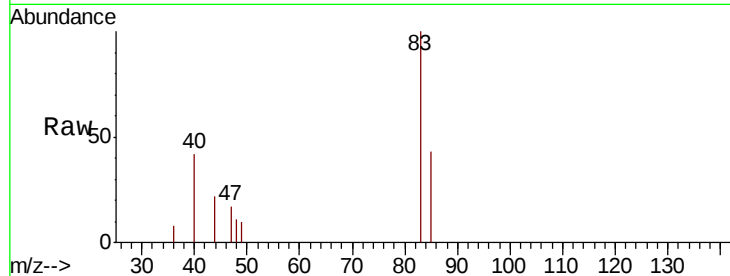




#28
 Bromochloromethane
 Concen: 1.367 ug/l
 RT: 7.66 min Scan# 945
 Delta R.T. 0.15 min
 Lab File: VW013691.D
 Acq: 24 Oct 2019 03:06

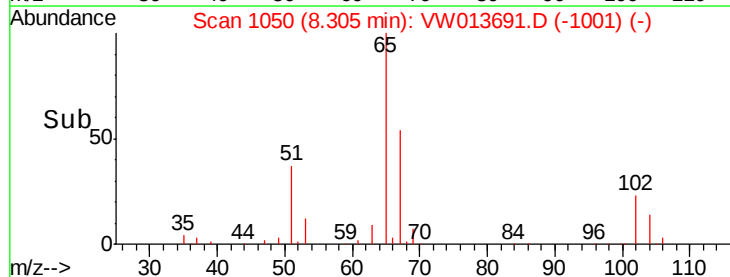
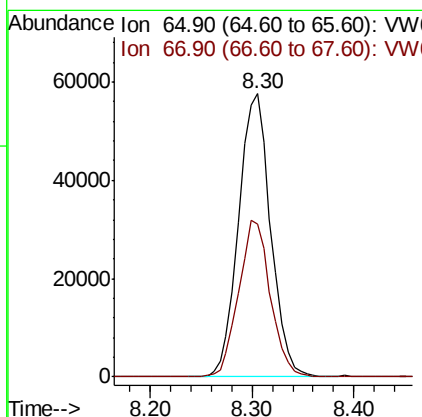
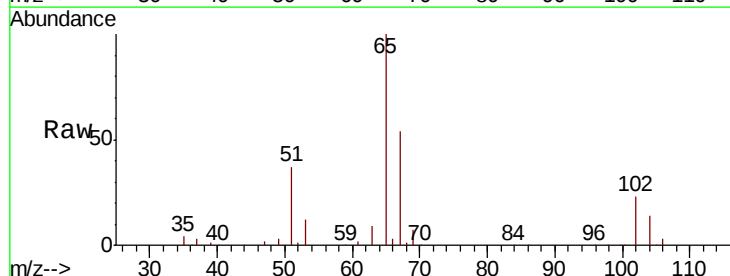
Instrument :
 MSVOA_W
 ClientSampled :

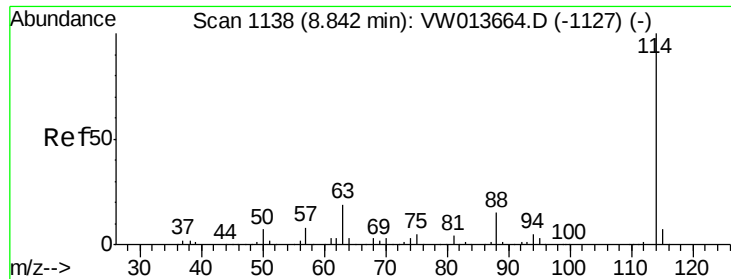
Tot Ion: 49 Resp: 49
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 0.6
 130 0.0 67.5 101.3#



#33
 1,2-Dichloroethane-d4
 Concen: 54.253 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013691.D
 Acq: 24 Oct 2019 03:06

Tgt Ion: 65 Resp: 125732
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.4

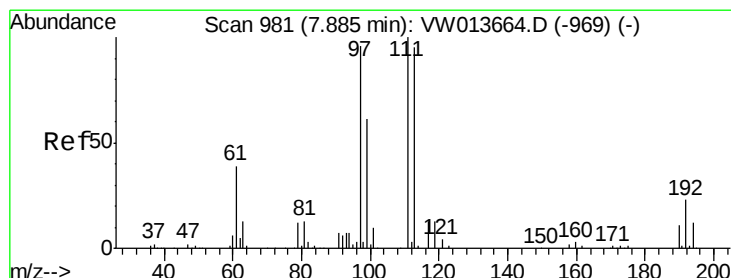
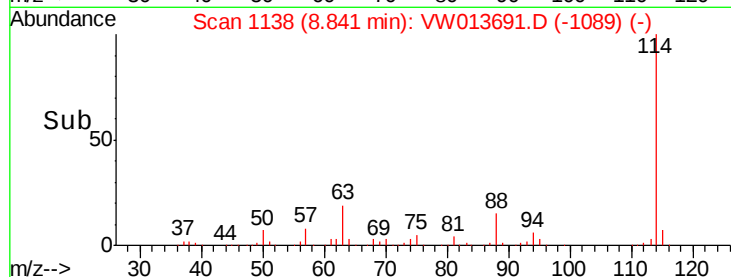
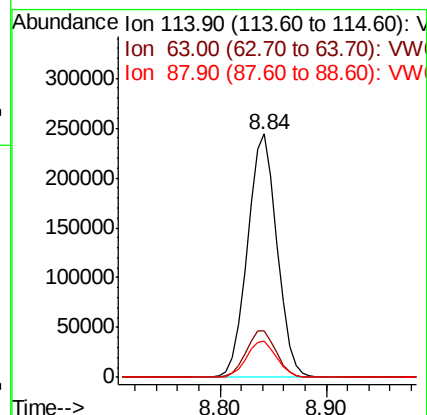
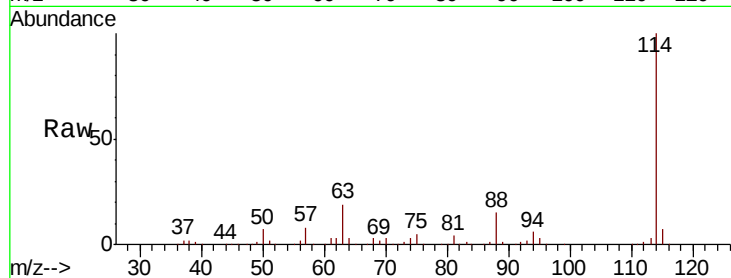




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013691.D
 Acq: 24 Oct 2019 03:06

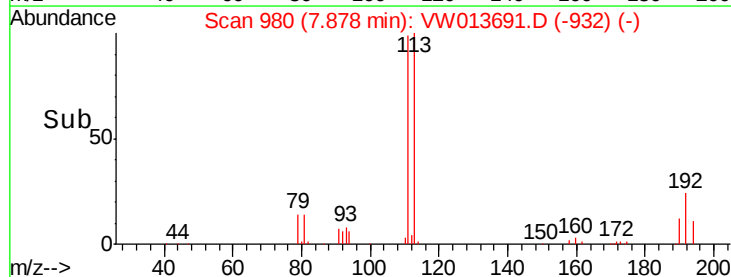
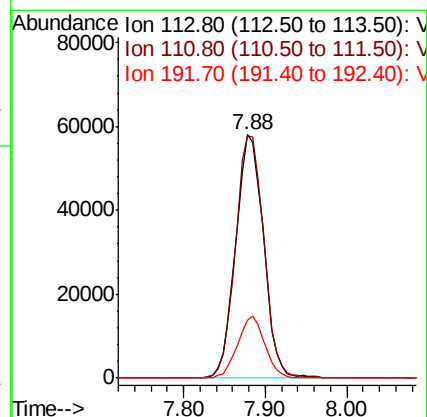
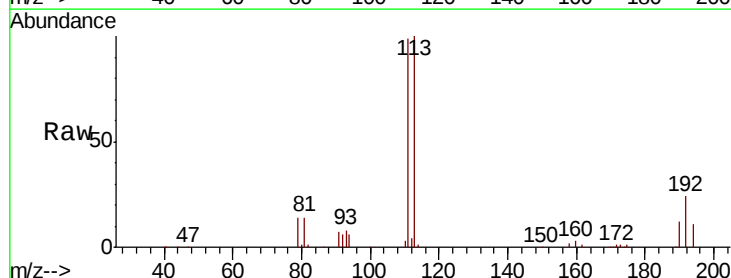
Instrument :
 MSVOA_W
 ClientSampleId :

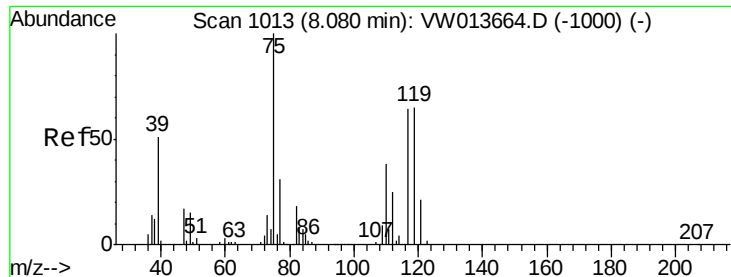
Tot Ion:114 Resp: 474617
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.6
 88 14.7 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 51.774 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW013691.D
 Acq: 24 Oct 2019 03:06

Tgt Ion:113 Resp: 136540
 Ion Ratio Lower Upper
 113 100
 111 101.1 83.0 124.6
 192 24.8 19.4 29.2

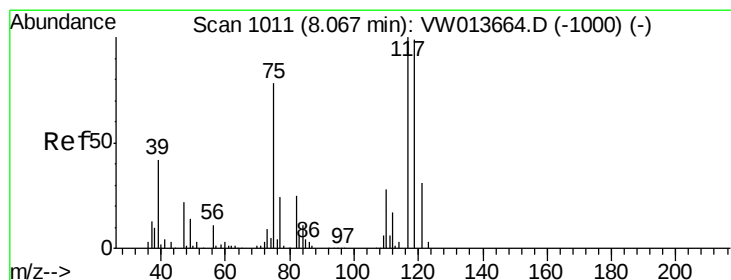
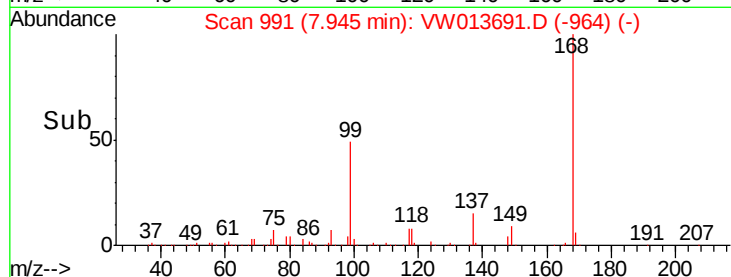
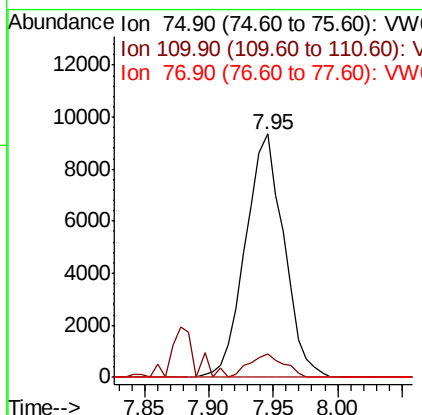
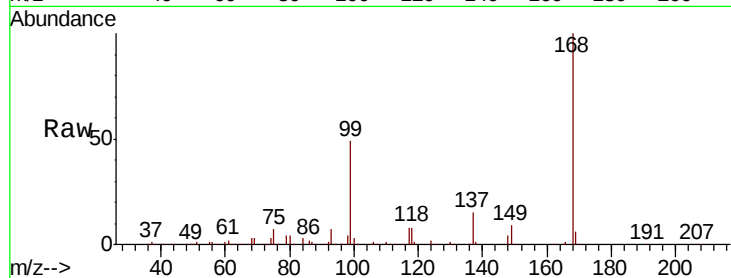




#36
 1,1-Dichloropropene
 Concen: 4.375 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013691.D
 Acq: 24 Oct 2019 03:06

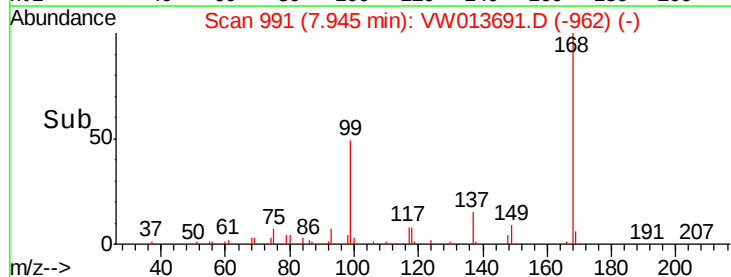
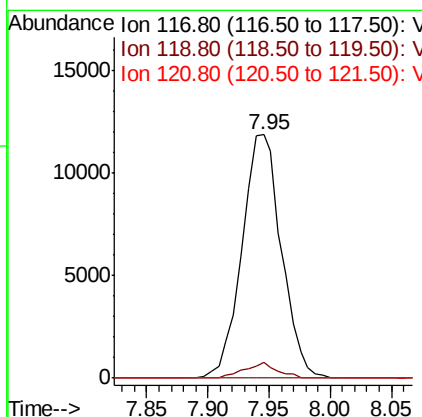
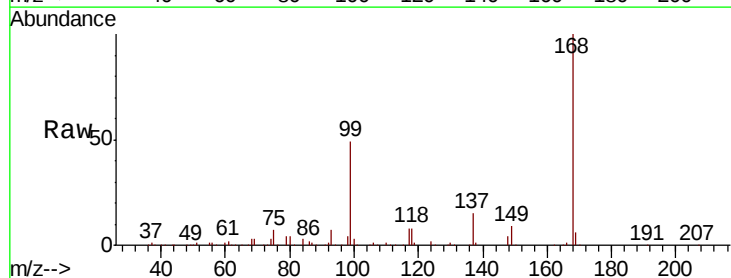
Instrument :
 MSVOA_W
 ClientSampleId :

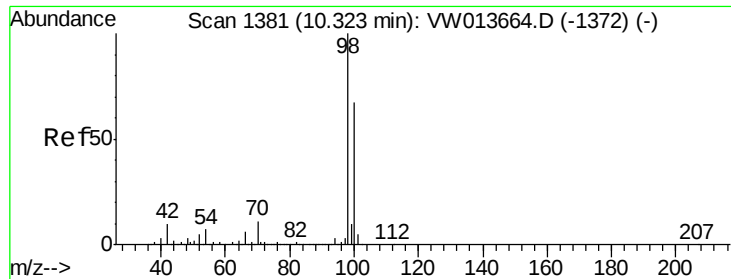
Tot Ion	75	Resp	19340
Ion Ratio	100	Lower	Upper
75	100		
110	8.6	18.7	56.1#
77	0.0	25.4	38.0#



#38
 Carbon Tetrachloride
 Concen: 6.683 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW013691.D
 Acq: 24 Oct 2019 03:06

Tgt Ion	117	Resp	26600
Ion Ratio	100	Lower	Upper
117	100		
119	6.6	79.0	118.4#
121	0.0	24.5	36.7#





#50

Toluene-d8

Concen: 50.025 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013691.D

Acq: 24 Oct 2019 03:06

Instrument :

MSVOA_W

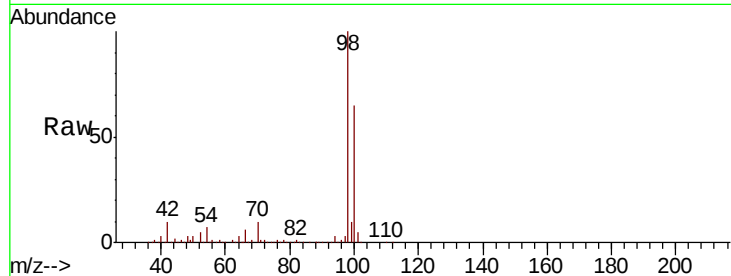
ClientSampleId :

Tot Ion: 98 Resp: 537576

Ion Ratio Lower Upper

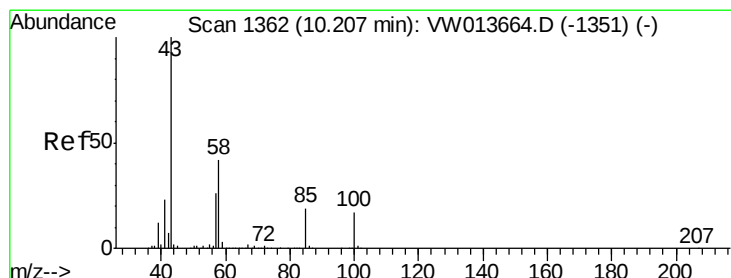
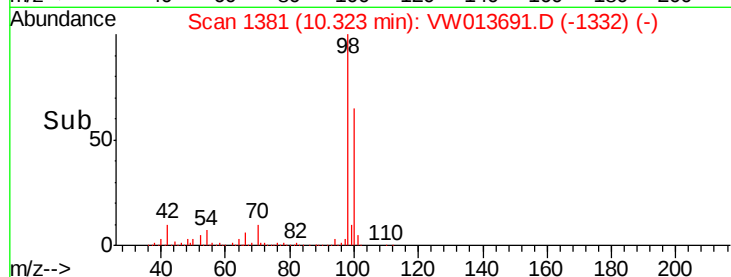
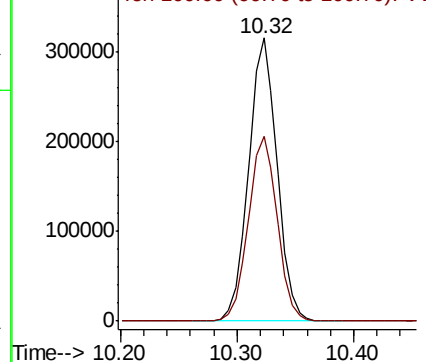
98 100

100 66.2 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 1.189 ug/l

RT: 10.32 min Scan# 1380

Delta R.T. 0.11 min

Lab File: VW013691.D

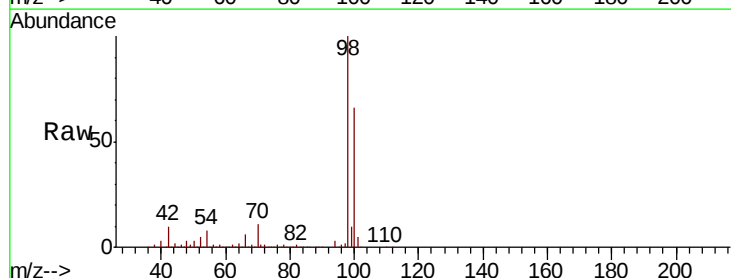
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Tgt Ion: 43 Resp: 1913

Ion Ratio Lower Upper

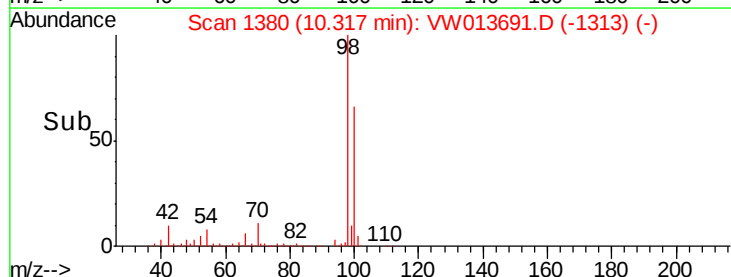
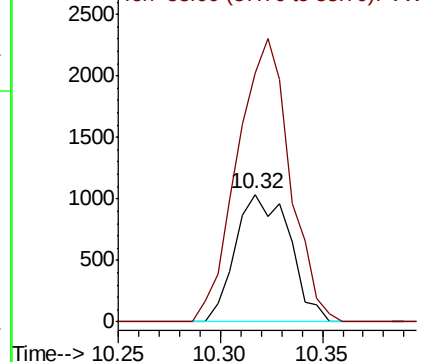
43 100

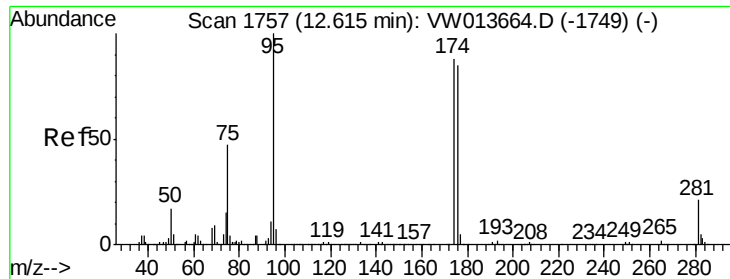
58 216.5 32.6 49.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

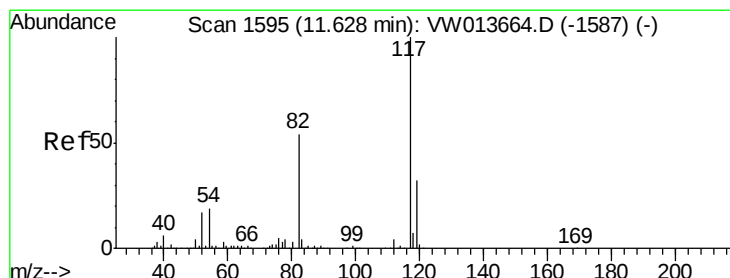
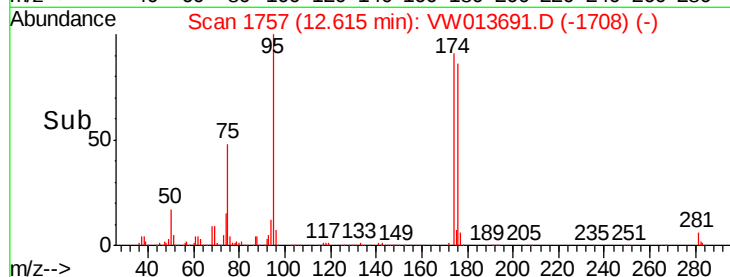
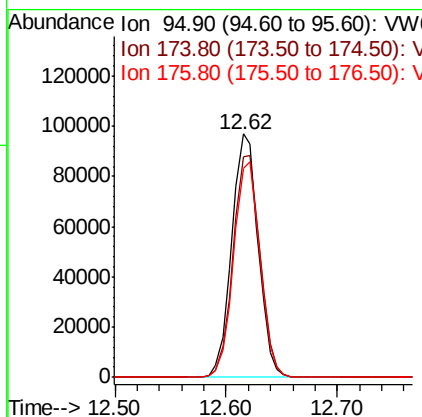
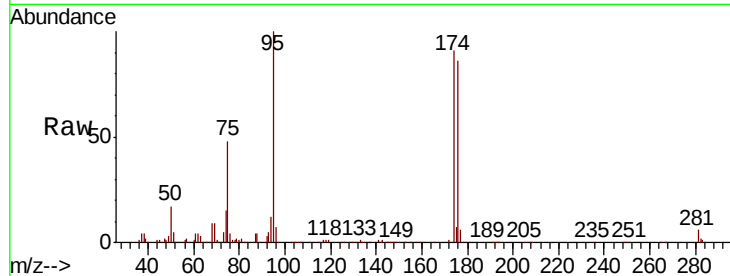




#62
4-Bromofluorobenzene
Concen: 43.850 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013691.D
Acq: 24 Oct 2019 03:06

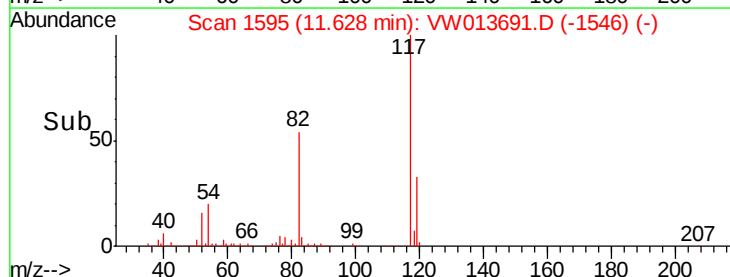
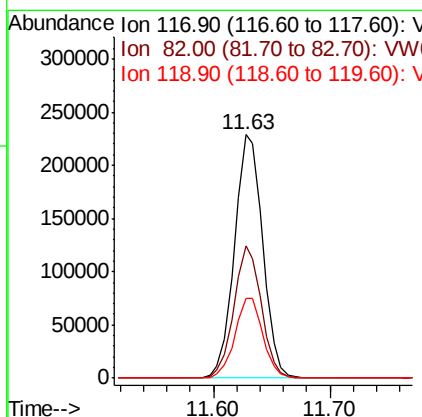
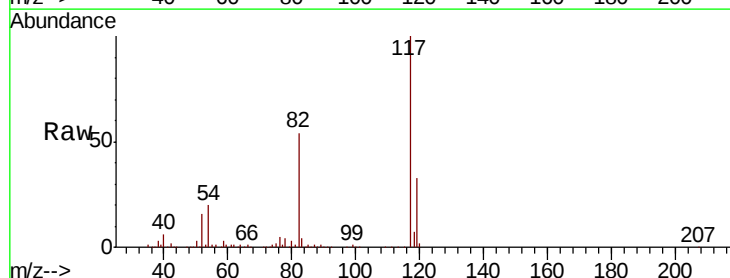
Instrument :
MSVOA_W
ClientSampleId :

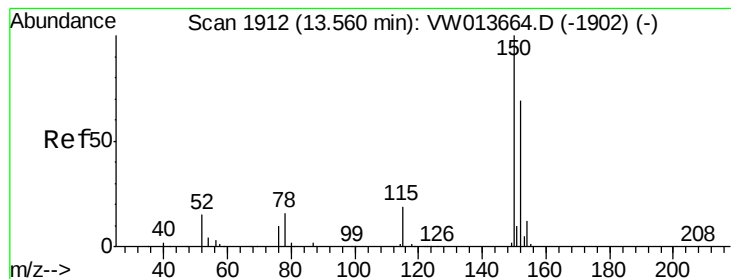
Tot Ion	Ratio	Lower	Upper
95	100		
174	92.8	0.0	183.6
176	88.2	0.0	178.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013691.D
Acq: 24 Oct 2019 03:06

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.6	65.4
119	32.6	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: VW013691.D

Acq: 24 Oct 2019 03:06

Instrument :

MSVOA_W

ClientSampleId :

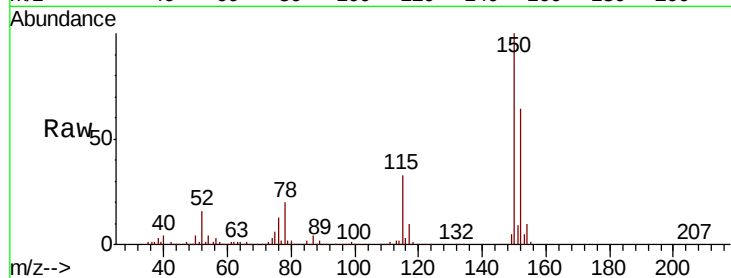
Tot Ion:152 Resp: 156240

Ion Ratio Lower Upper

152 100

115 54.5 27.4 82.2

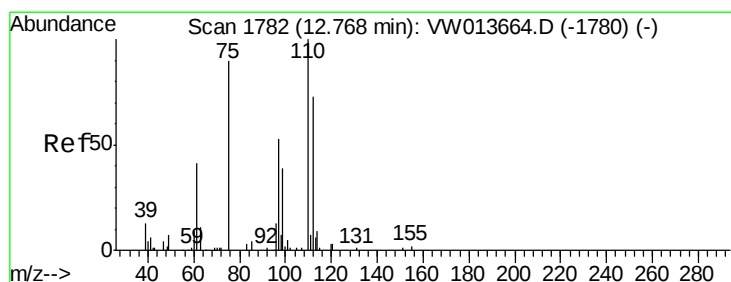
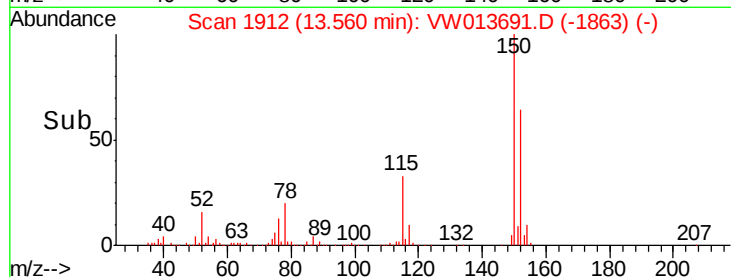
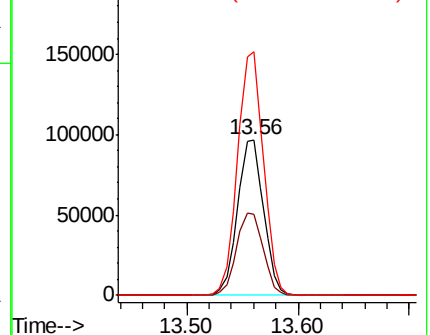
150 156.9 0.0 345.4



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: 66.615 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013691.D

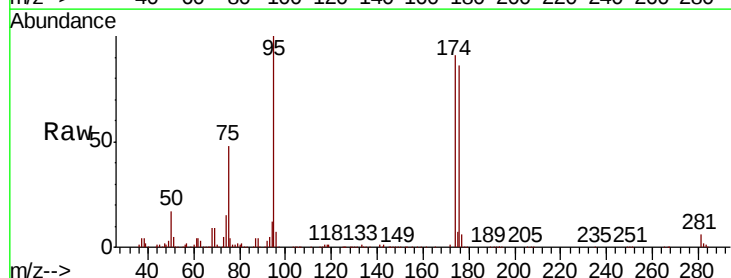
Acq: 24 Oct 2019 03:06

Tgt Ion: 75 Resp: 74743

Ion Ratio Lower Upper

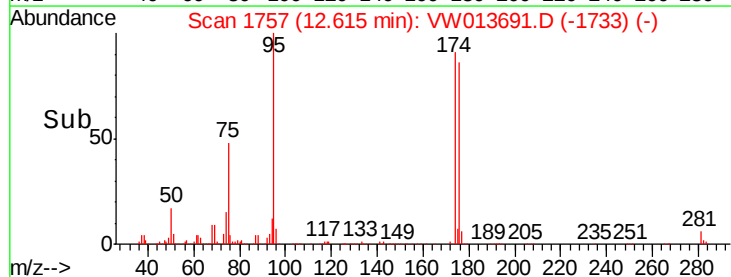
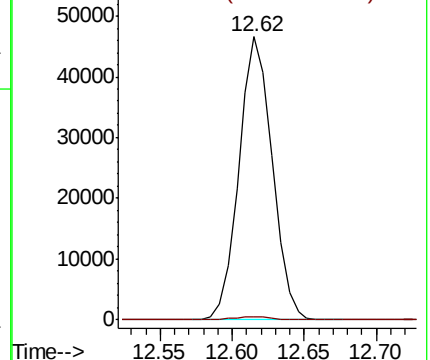
75 100

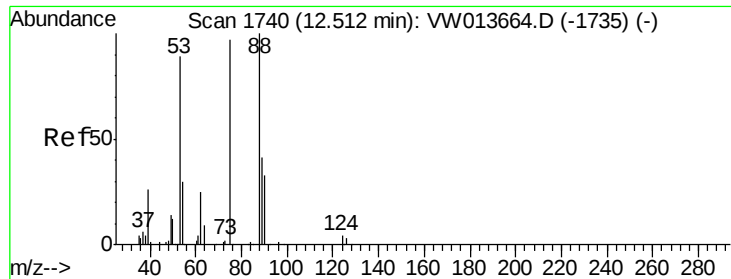
77 1.3 0.0 0.0#



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: 125.892 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013691.D

Acq: 24 Oct 2019 03:06

Instrument :

MSVOA_W

ClientSampleId :

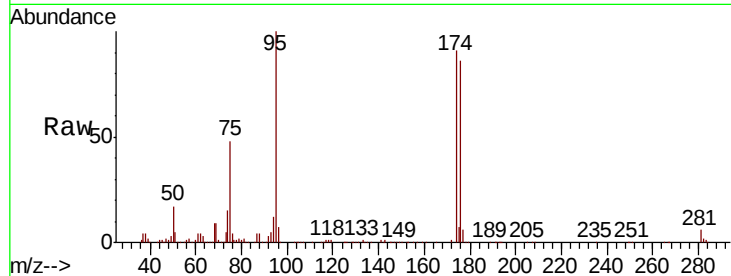
Tot Ion: 75 Resp: 74743

Ion Ratio Lower Upper

75 100

53 0.1 71.7 107.5#

89 0.0 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

