

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102819\
 Data File : VW013764.D
 Acq On : 28 Oct 2019 14:13
 Operator : SY/VA
 Sample : K5540-20RE
 Misc : 7.18G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 160-04-(1)

Quant Time: Oct 29 11:46:24 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

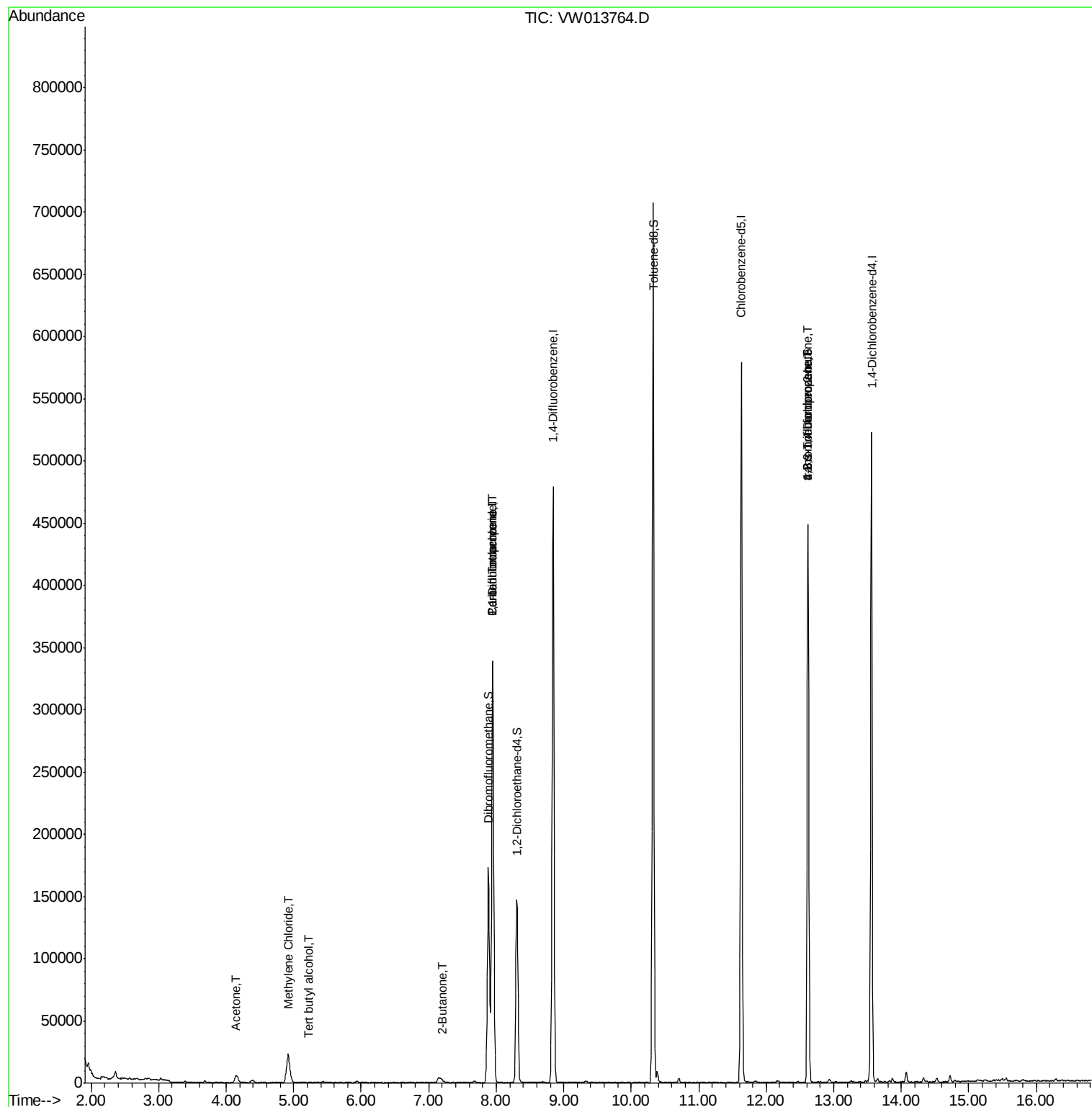
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	285693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	430440	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	354224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	152976	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	114405	53.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.76%	
35) Dibromofluoromethane	7.88	113	123569	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.32%	
50) Toluene-d8	10.32	98	490044	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	12.62	95	149875	45.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.84%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.23	59	263	2.056	ug/l #	71
16) Acetone	4.14	43	13299	29.266	ug/l	98
20) Methylene Chloride	4.92	84	19379	3.317	ug/l	91
25) 2-Butanone	7.20	43	4818	7.375	ug/l	90
36) 1,1-Dichloropropene	7.94	75	17900	4.465	ug/l #	49
38) Carbon Tetrachloride	7.95	117	23759	6.582	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	70229	63.927	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	70229	120.813	ug/l #	14

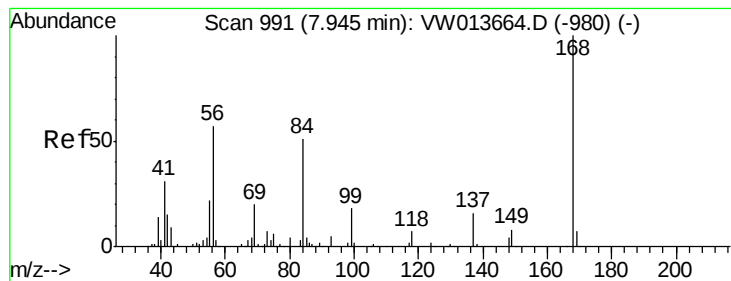
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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160-04-(1)

Quant Time: Oct 29 11:46:24 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# 992

Delta R.T. 0.01 min

Lab File: VW013764.D

Acq: 28 Oct 2019 14:13

Instrument :

MSVOA_W

ClientSampleId :

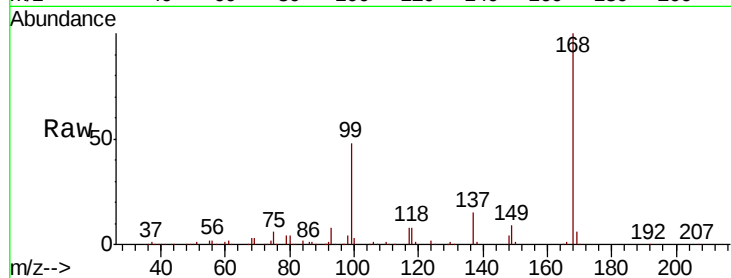
160-04-(1)

Tot Ion:168 Resp: 285693

Ion Ratio Lower Upper

168 100

99 47.8 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

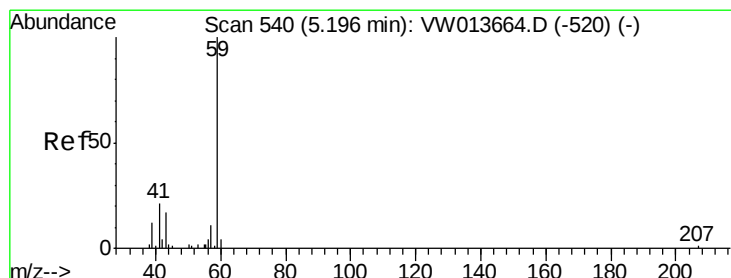
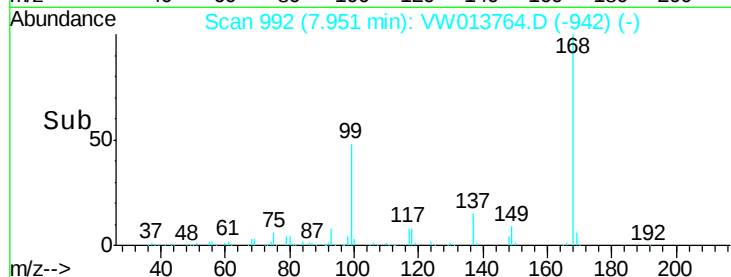
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.056 ug/l

RT: 5.23 min Scan# 545

Delta R.T. 0.03 min

Lab File: VW013764.D

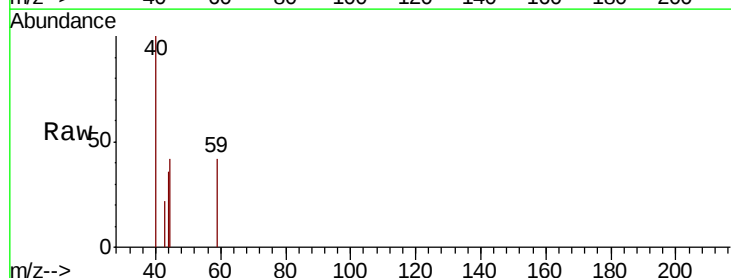
Acq: 28 Oct 2019 14:13

Tgt Ion: 59 Resp: 263

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

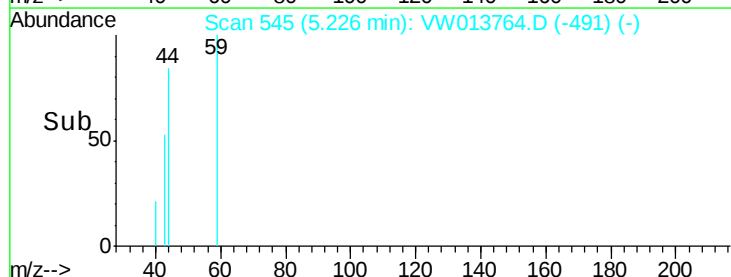
5.23

100

50

0

Time-->





#16

Acetone

Concen: 29.266 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW013764.D

Acq: 28 Oct 2019 14:13

Instrument :

MSVOA_W

ClientSampleId :

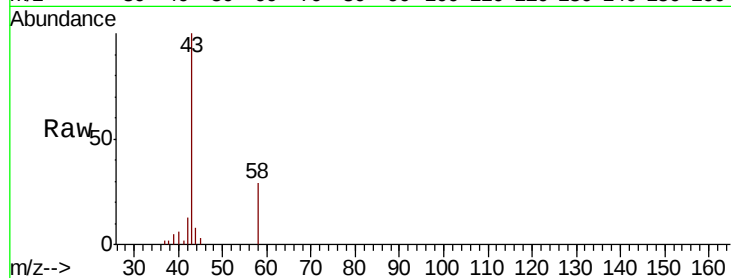
160-04-(1)

Tot Ion: 43 Resp: 13299

Ion Ratio Lower Upper

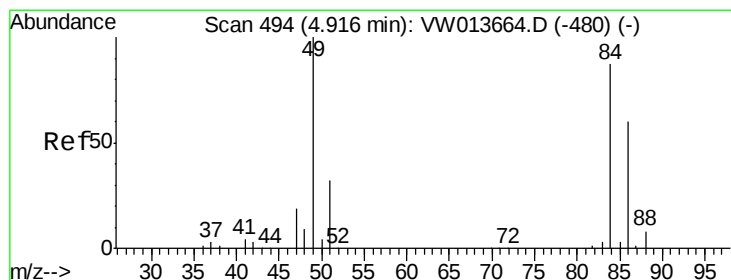
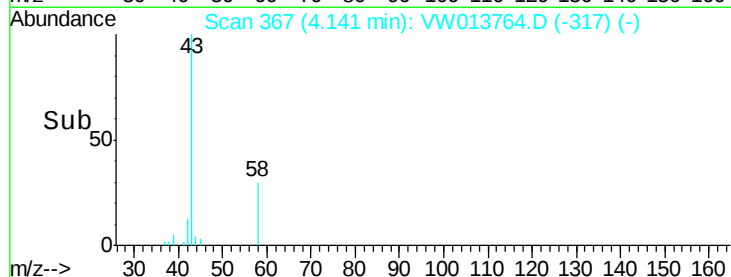
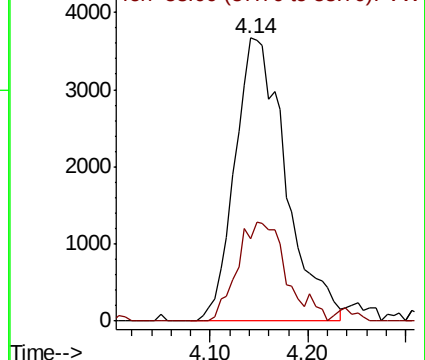
43 100

58 29.1 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 3.317 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW013764.D

Acq: 28 Oct 2019 14:13

Tgt Ion: 84 Resp: 19379

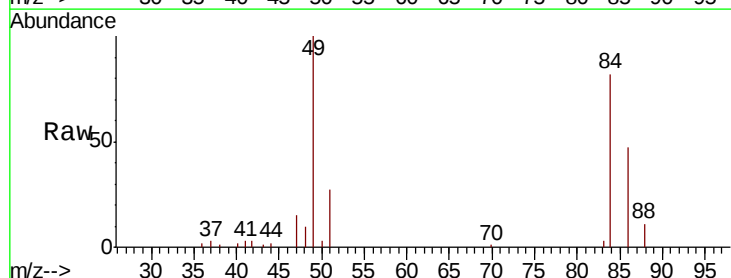
Ion Ratio Lower Upper

84 100

49 122.1 91.8 137.6

51 33.0 29.8 44.6

86 57.9 55.2 82.8

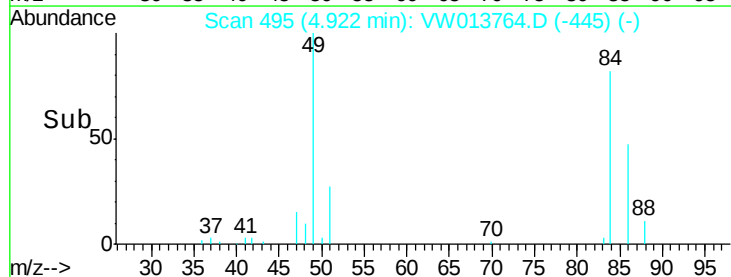
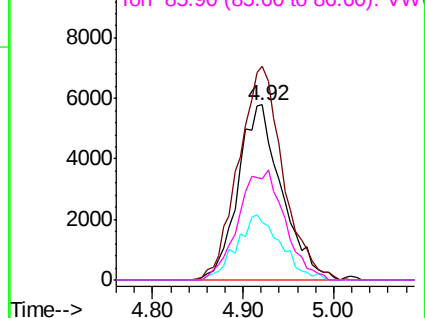


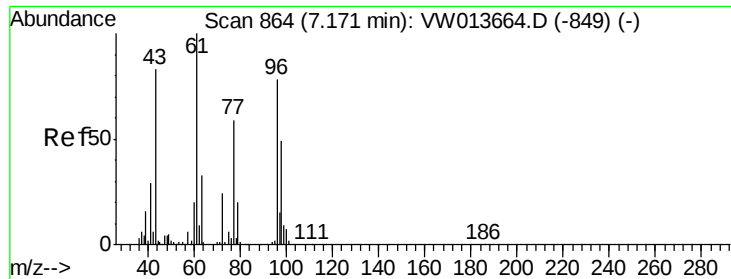
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#25

2-Butanone

Concen: 7.375 ug/l

RT: 7.20 min Scan# 868

Delta R.T. 0.02 min

Lab File: VW013764.D

Acq: 28 Oct 2019 14:13

Instrument :

MSVOA_W

ClientSampleId :

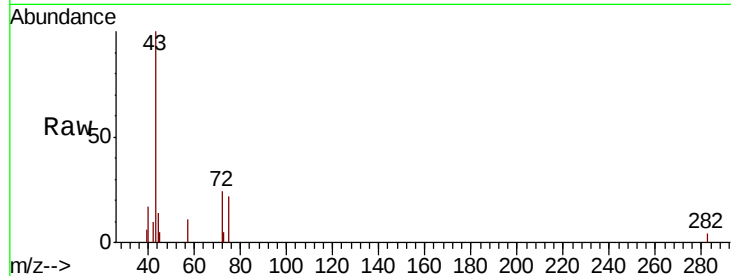
160-04-(1)

Tot Ion: 43 Resp: 4818

Ion Ratio Lower Upper

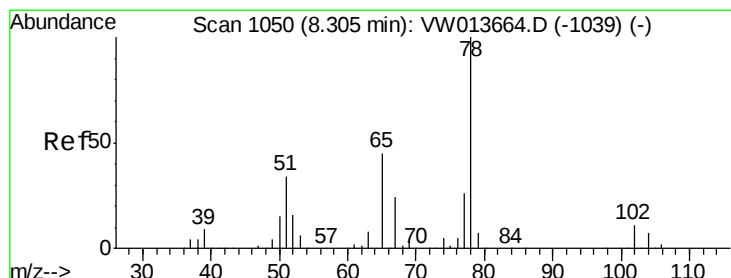
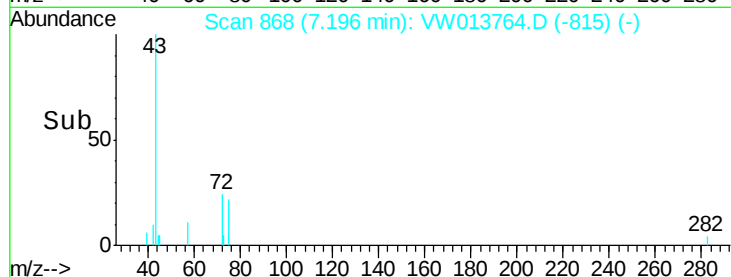
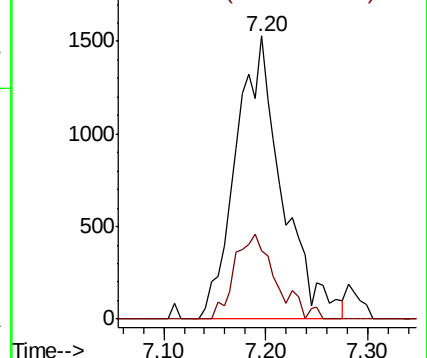
43 100

72 24.3 23.6 35.4



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: 53.381 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013764.D

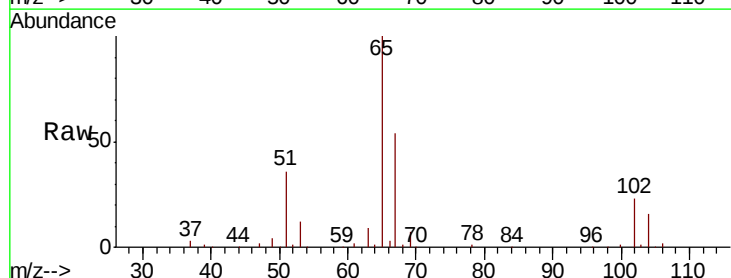
Acq: 28 Oct 2019 14:13

Tgt Ion: 65 Resp: 114405

Ion Ratio Lower Upper

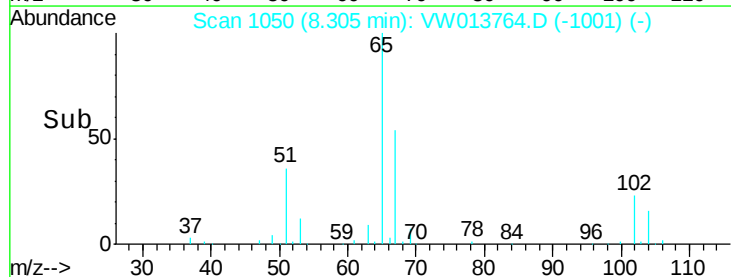
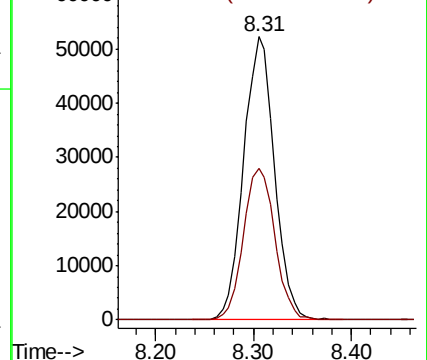
65 100

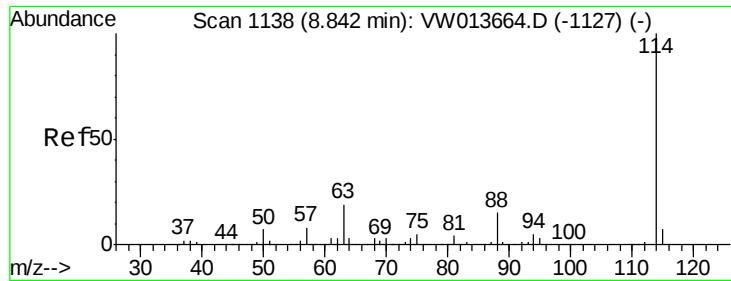
67 54.6 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

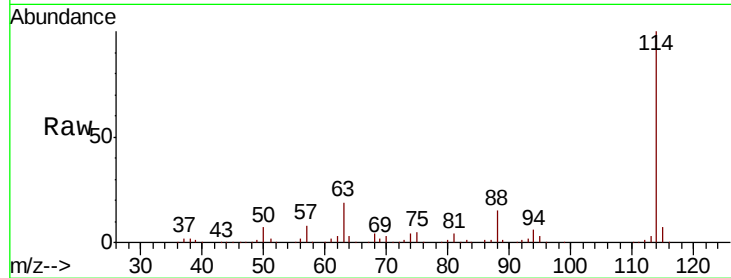




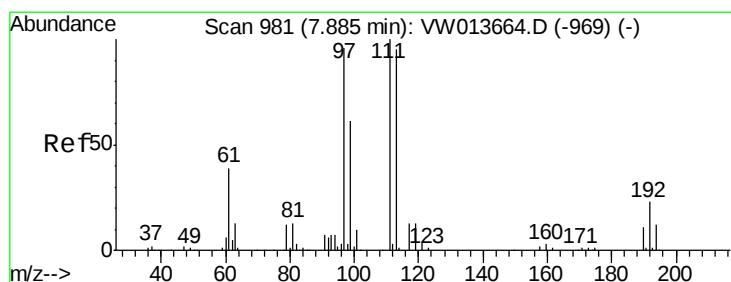
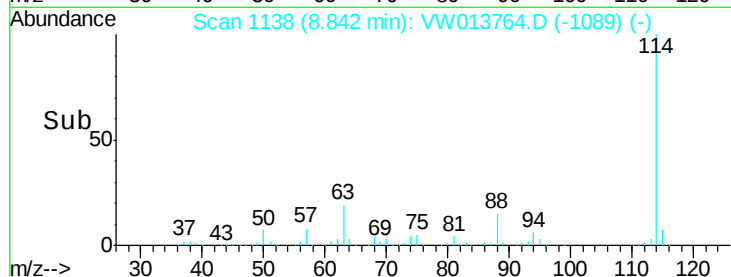
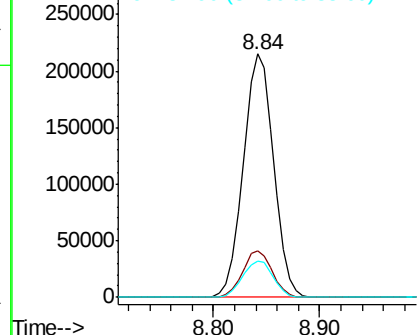
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013764.D
 Acq: 28 Oct 2019 14:13

Instrument :
 MSVOA_W
 ClientSampled :
 160-04-(1)

Tot Ion:114 Resp: 430440
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 37.6
 88 15.1 0.0 30.2

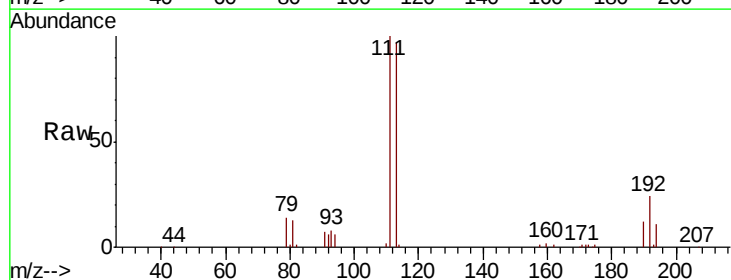


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

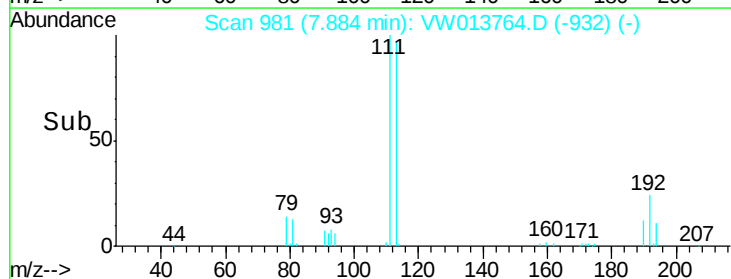
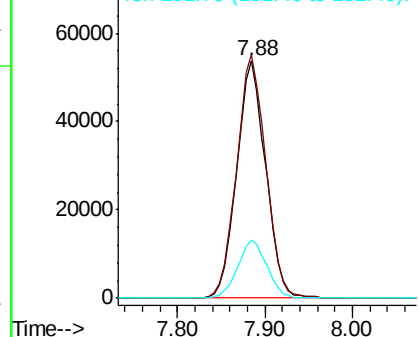


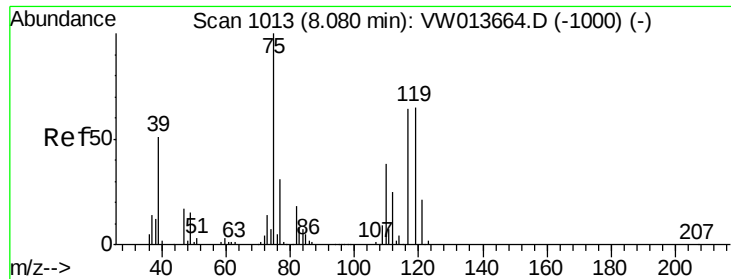
#35
 Dibromofluoromethane
 Concen: 51.664 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW013764.D
 Acq: 28 Oct 2019 14:13

Tgt Ion:113 Resp: 123569
 Ion Ratio Lower Upper
 113 100
 111 103.6 83.0 124.6
 192 24.7 19.4 29.2



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

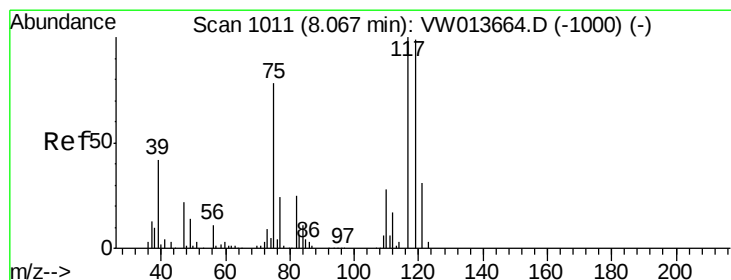
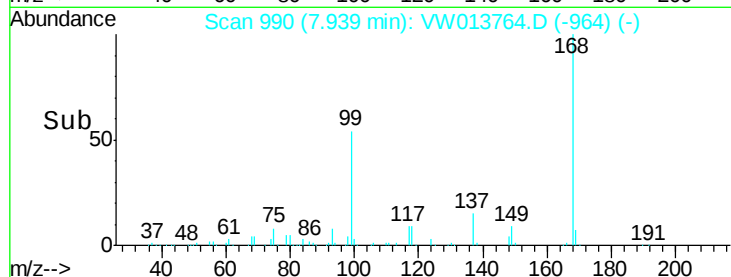
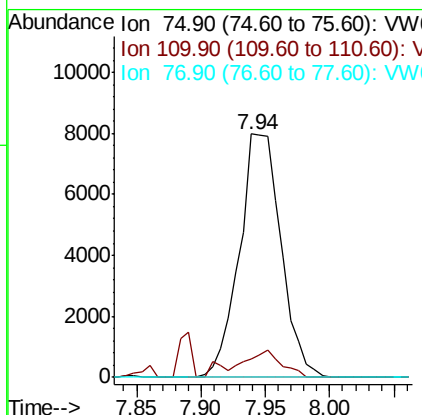
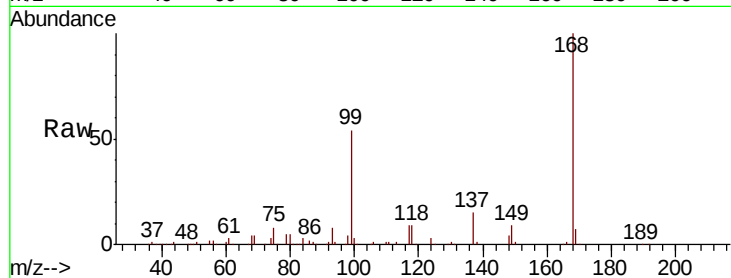




#36
 1,1-Dichloropropene
 Concen: 4.465 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW013764.D
 Acq: 28 Oct 2019 14:13

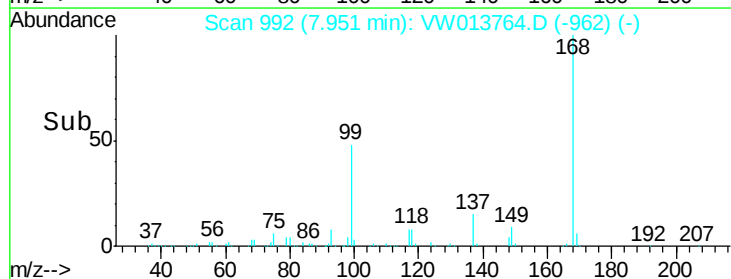
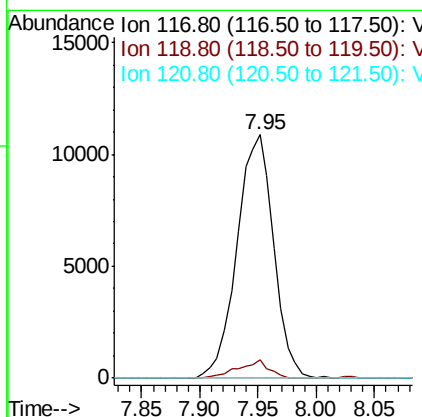
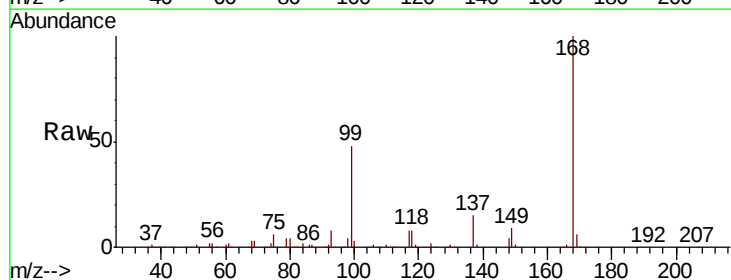
Instrument :
 MSVOA_W
 ClientSampled :
 160-04-(1)

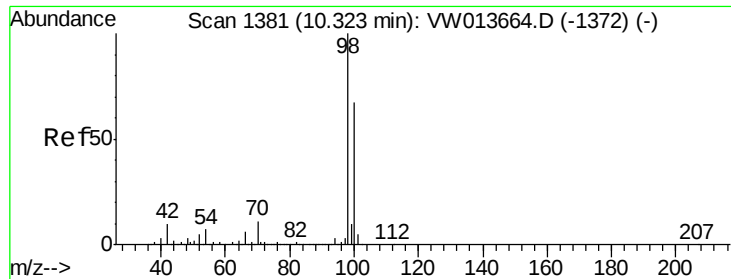
Tot Ion	75	Resp	17900
Ion Ratio	Lower	Upper	
75	100		
110	9.4	18.7	56.1#
77	0.0	25.4	38.0#



#38
 Carbon Tetrachloride
 Concen: 6.582 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW013764.D
 Acq: 28 Oct 2019 14:13

Tgt Ion	117	Resp	23759
Ion Ratio	Lower	Upper	
117	100		
119	7.4	79.0	118.4#
121	0.0	24.5	36.7#





#50

Toluene-d8

Concen: 50.282 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013764.D

Acq: 28 Oct 2019 14:13

Instrument :

MSVOA_W

ClientSampleId :

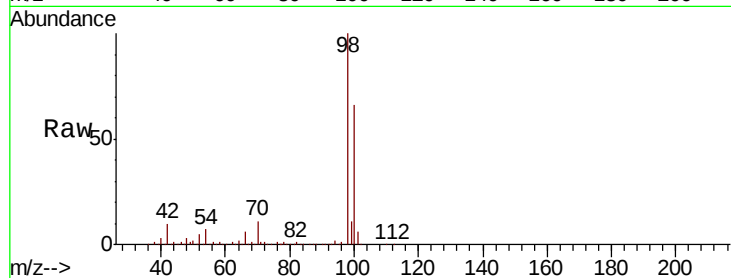
160-04-(1)

Tot Ion: 98 Resp: 490044

Ion Ratio Lower Upper

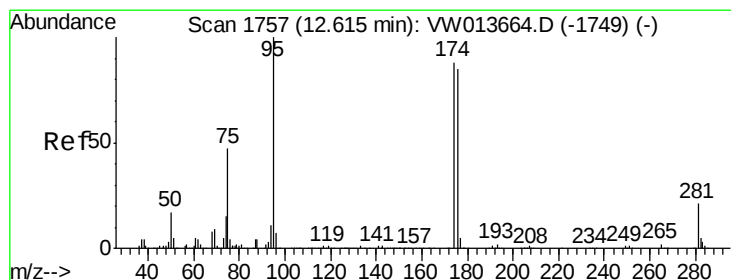
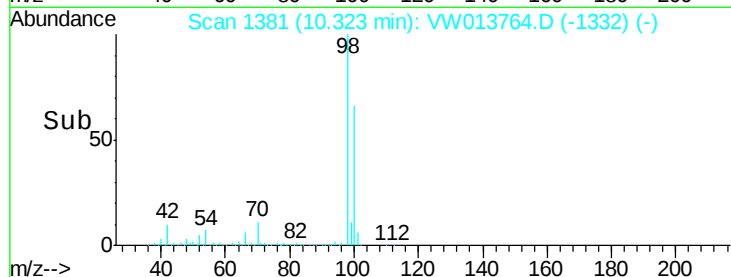
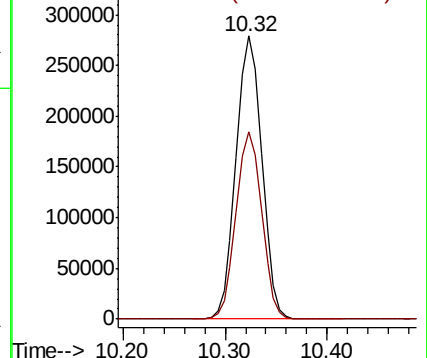
98 100

100 65.8 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 45.417 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013764.D

Acq: 28 Oct 2019 14:13

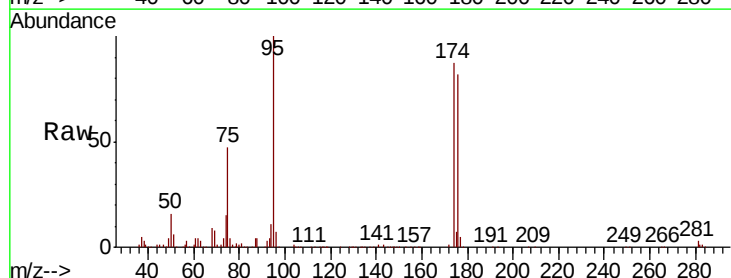
Tgt Ion: 95 Resp: 149875

Ion Ratio Lower Upper

95 100

174 90.6 0.0 183.6

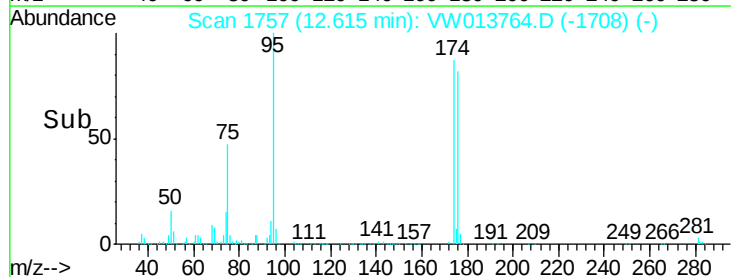
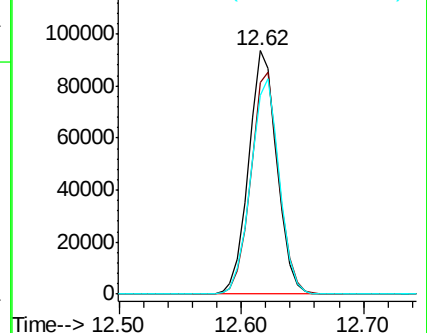
176 89.9 0.0 178.0

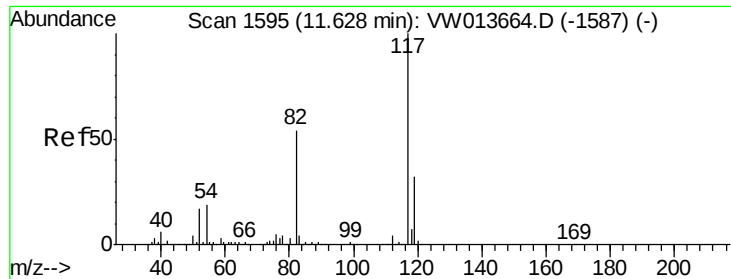


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

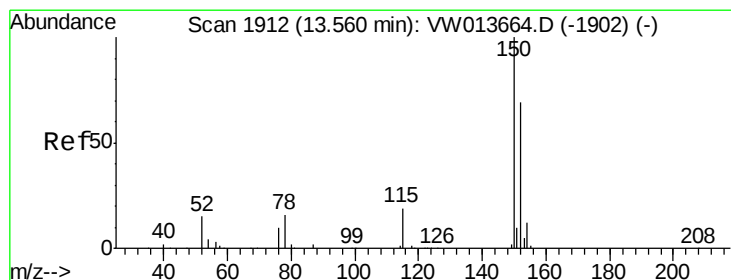
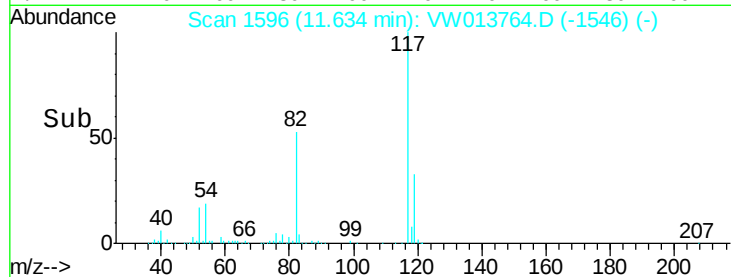
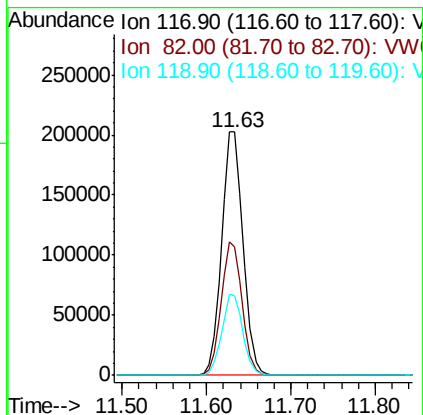
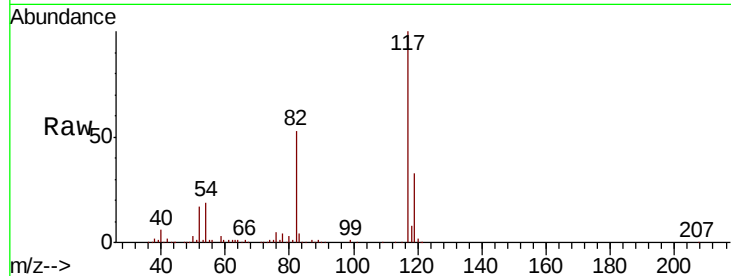




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013764.D
Acq: 28 Oct 2019 14:13

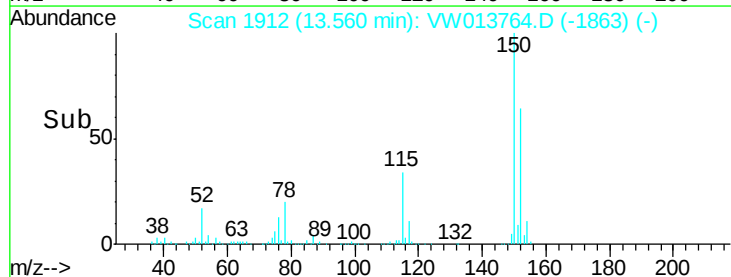
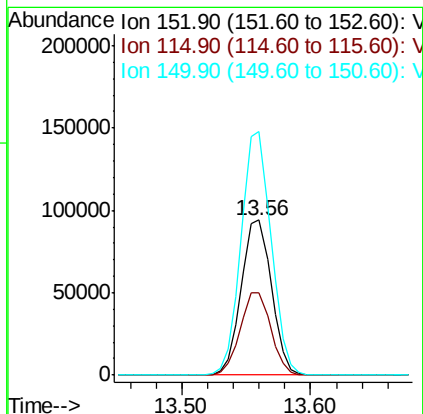
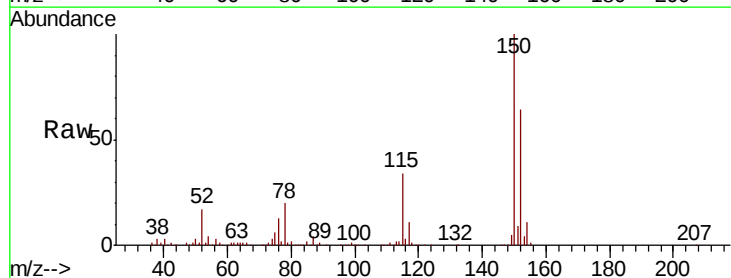
Instrument :
MSVOA_W
ClientSampleId :
160-04-(1)

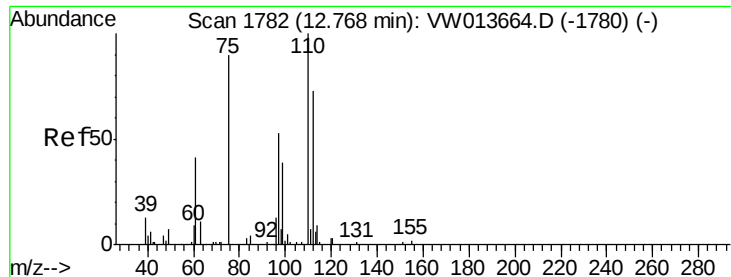
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	43.6	65.4
119	32.5	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013764.D
Acq: 28 Oct 2019 14:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.8	27.4	82.2
150	155.9	0.0	345.4





#76

1,2,3-Trichloropropane

Concen: 63.927 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013764.D

Acq: 28 Oct 2019 14:13

Instrument :

MSVOA_W

ClientSampleId :

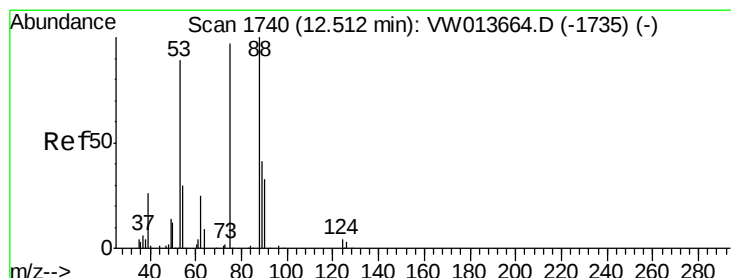
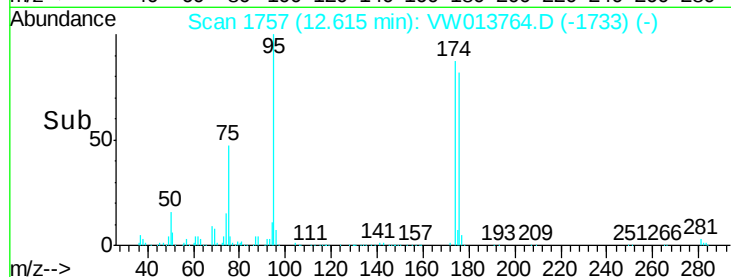
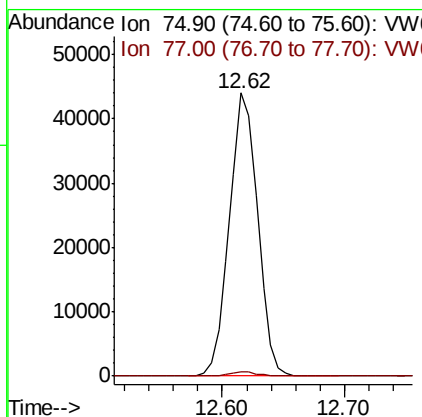
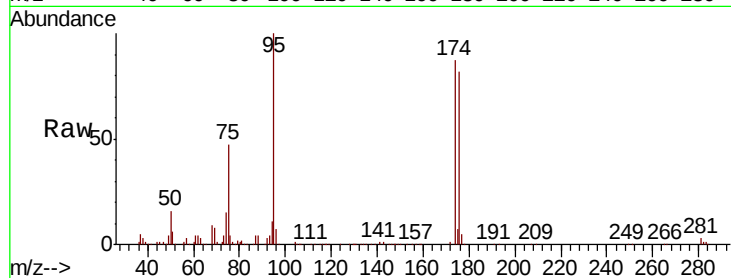
160-04-(1)

Tot Ion: 75 Resp: 70229

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 120.813 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013764.D

Acq: 28 Oct 2019 14:13

Tgt Ion: 75 Resp: 70229

Ion Ratio Lower Upper

75 100

53 0.0 71.7 107.5#

89 0.1 35.8 53.8#

