

Data File : VW010732.D
Acq On : 07 Jun 2019 16:41
Operator : SY/VA
Sample : K3163-07
Misc : 6.99G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SU-04-060719-B

Quant Time: Jun 08 02:40:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	189814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	325627	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	261185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	91674	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	130089	58.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.30%	
35) Dibromofluoromethane	7.88	113	97163	54.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.94%	
50) Toluene-d8	10.32	98	414624	53.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.00%	
62) 4-Bromofluorobenzene	12.62	95	125391	44.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.92%	

Target Compounds

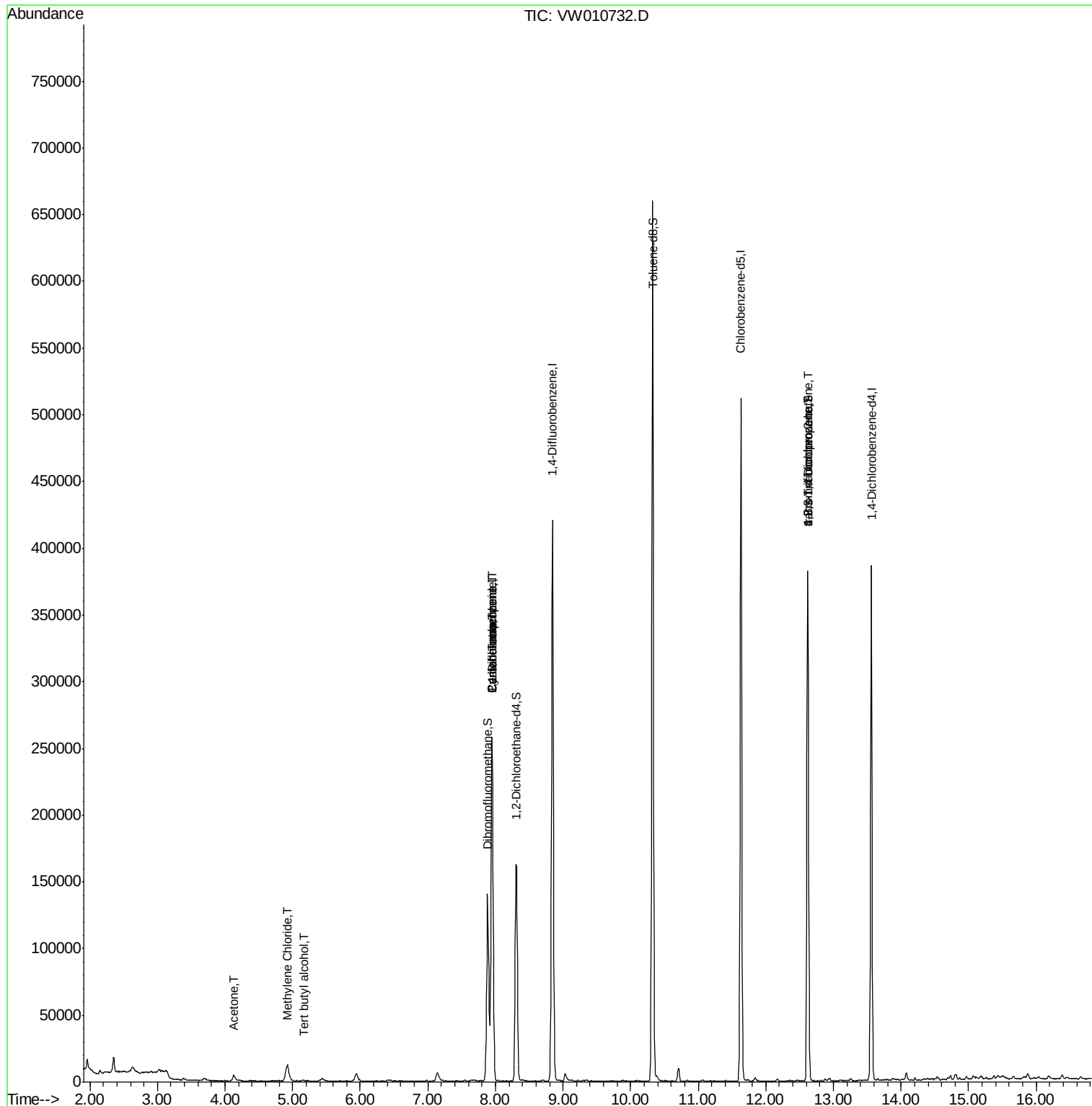
						Qvalue
11) Tert butyl alcohol	5.17	59	195	1.070	ug/l #	72
16) Acetone	4.13	43	7530	12.561	ug/l	89
20) Methylene Chloride	4.92	84	8318	3.955	ug/l	95
31) Cyclohexane	7.95	56	5041	1.117	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	16404	4.921	ug/l #	50
38) Carbon Tetrachloride	7.95	117	19654	6.831	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	67671	70.293	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	67671	161.556	ug/l #	5

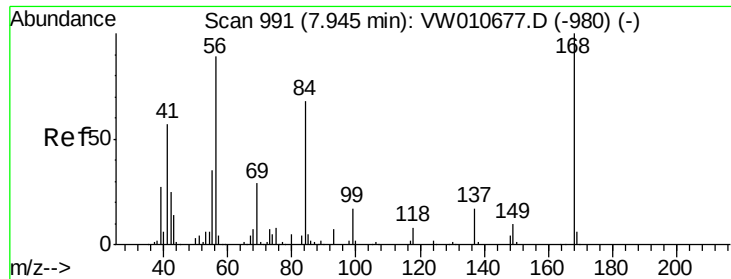
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010732.D

Acq: 07 Jun 2019 16:41

Instrument :

MSVOA_W

ClientSampleId :

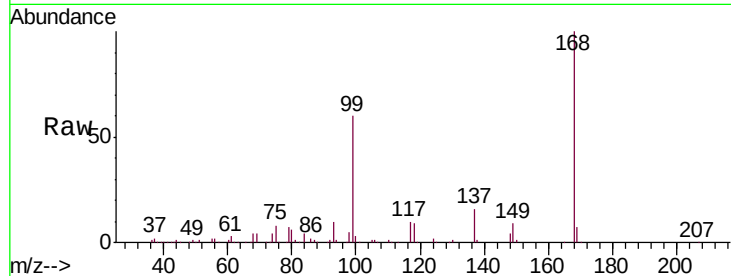
SU-04-060719-B

Tgt Ion:168 Resp: 189814

Ion Ratio Lower Upper

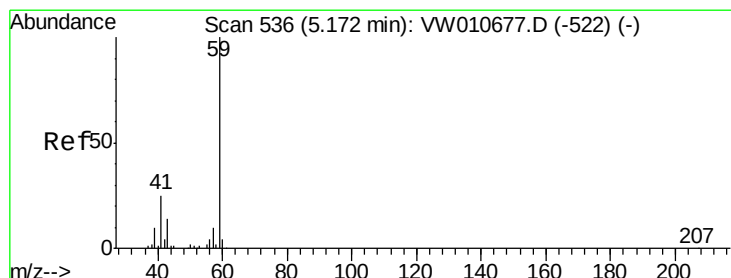
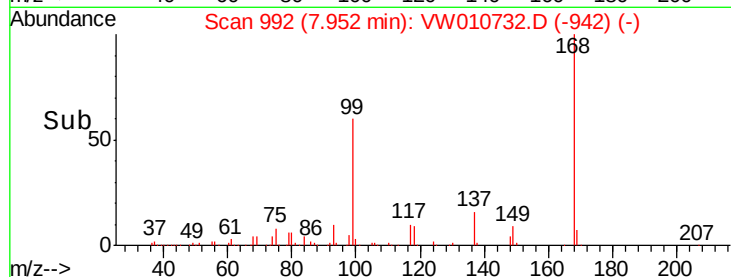
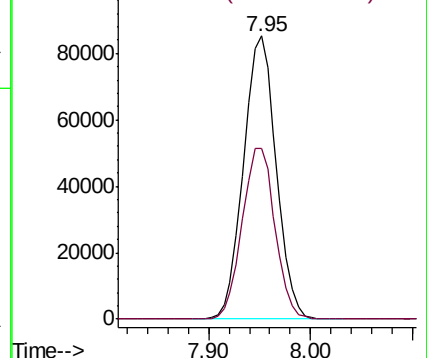
168 100

99 60.2 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.070 ug/l

RT: 5.17 min Scan# 536

Delta R.T. -0.00 min

Lab File: VW010732.D

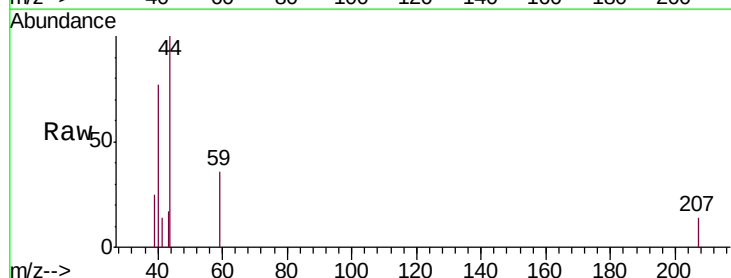
Acq: 07 Jun 2019 16:41

Tgt Ion: 59 Resp: 195

Ion Ratio Lower Upper

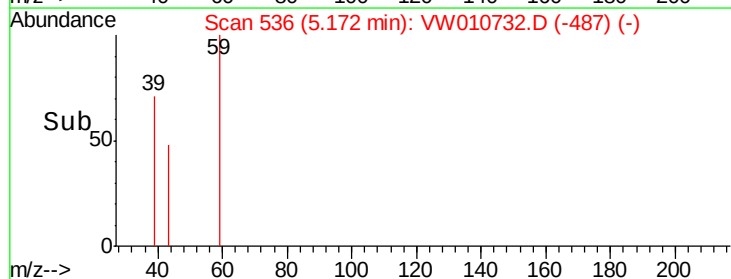
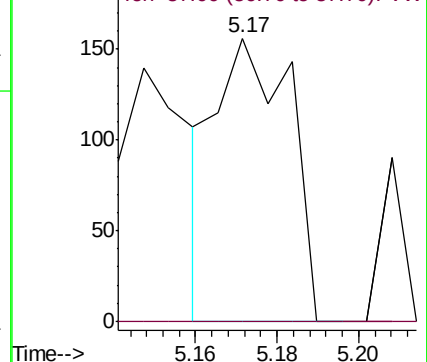
59 100

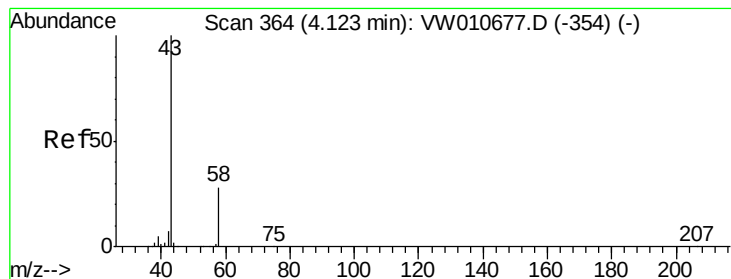
57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 12.561 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010732.D

Acq: 07 Jun 2019 16:41

Instrument :

MSVOA_W

ClientSampleId :

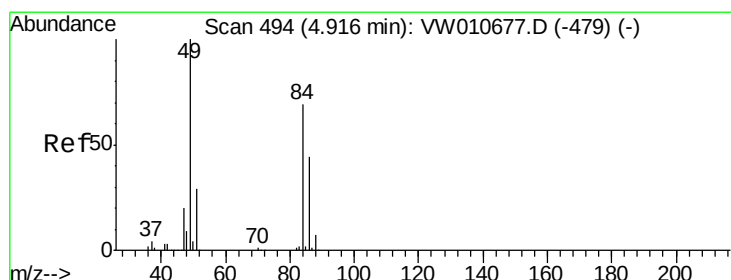
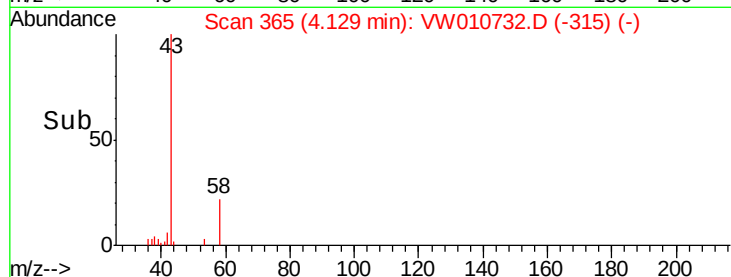
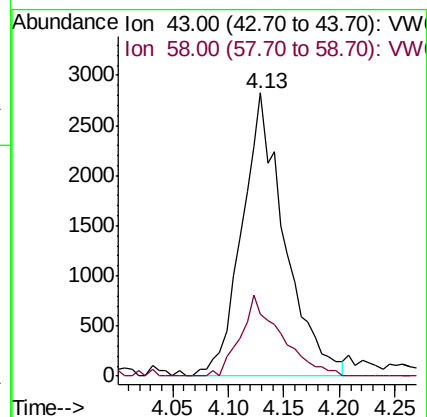
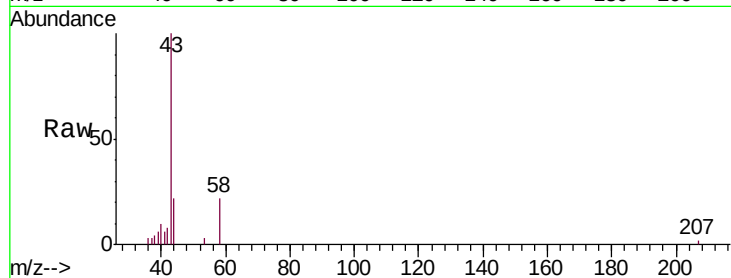
SU-04-060719-B

Tgt Ion: 43 Resp: 7530

Ion Ratio Lower Upper

43 100

58 22.1 22.1 33.1



#20

Methylene Chloride

Concen: 3.955 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW010732.D

Acq: 07 Jun 2019 16:41

Tgt Ion: 84 Resp: 8318

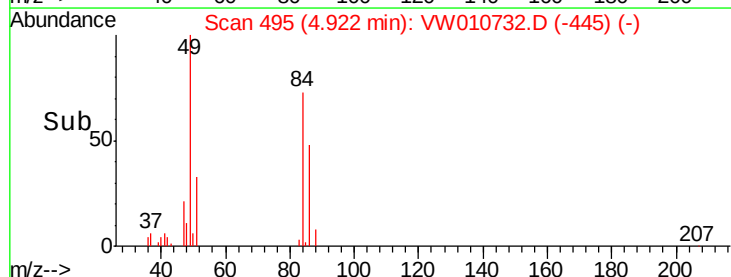
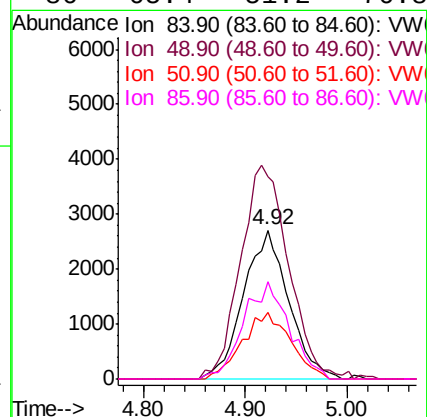
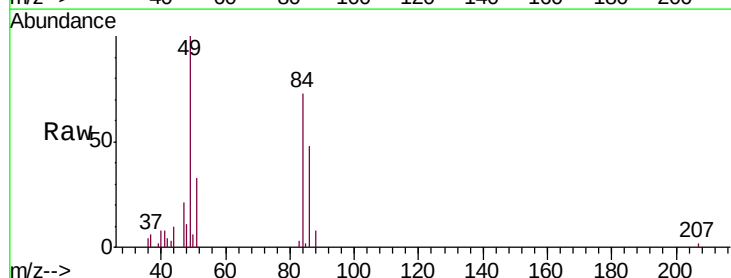
Ion Ratio Lower Upper

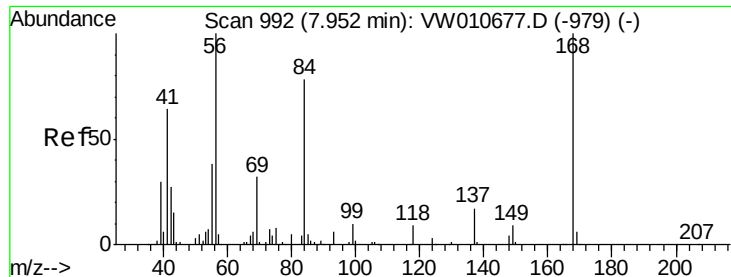
84 100

49 136.3 116.7 175.1

51 44.9 34.2 51.2

86 65.4 51.2 76.8

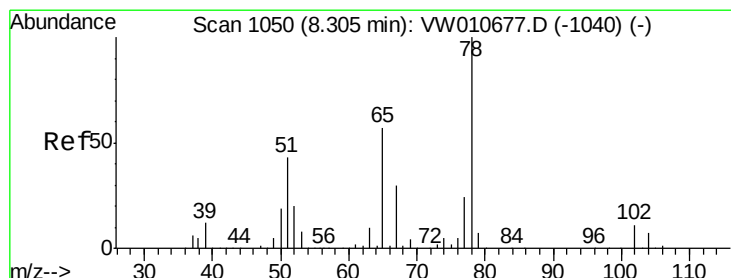
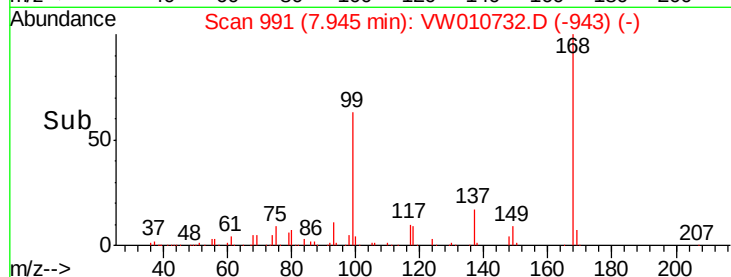
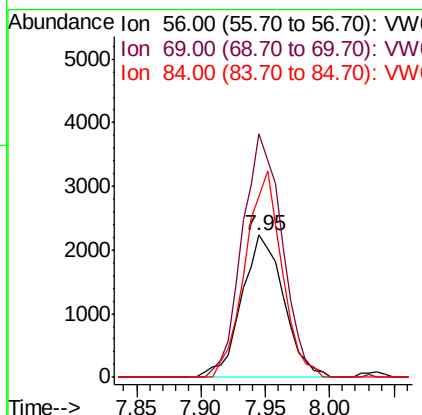
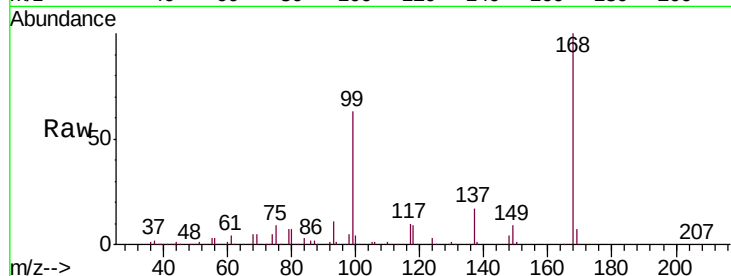




#31
Cyclohexane
Concen: 1.117 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW010732.D
Acq: 07 Jun 2019 16:41

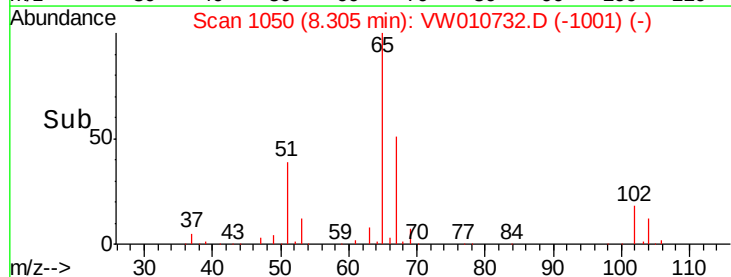
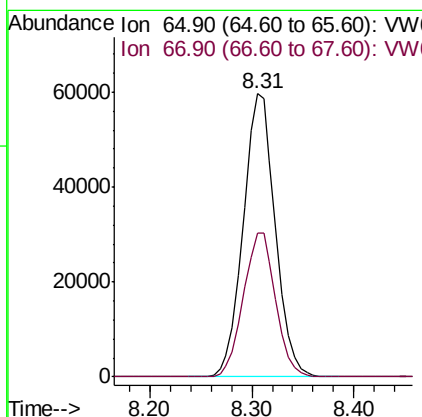
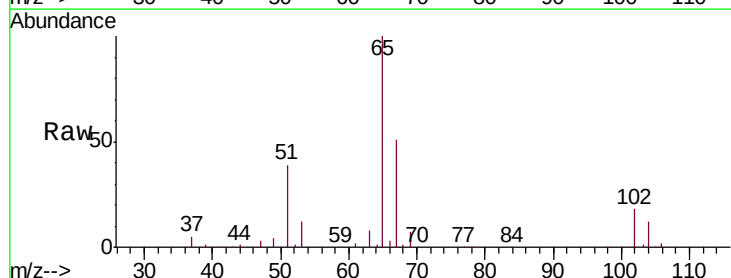
Instrument :
MSVOA_W
ClientSampleId :
SU-04-060719-B

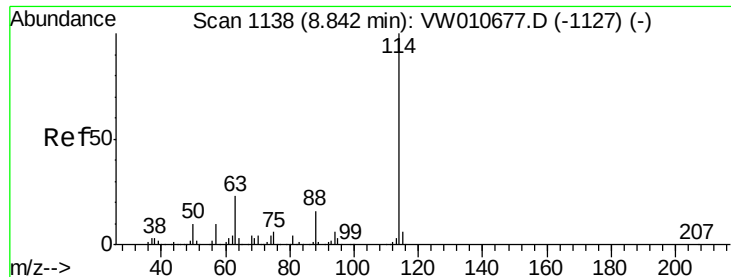
Tgt Ion: 56 Resp: 5041
Ion Ratio Lower Upper
56 100
69 171.2 25.2 37.8#
84 127.0 62.2 93.2#



#33
1,2-Dichloroethane-d4
Concen: 58.146 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW010732.D
Acq: 07 Jun 2019 16:41

Tgt Ion: 65 Resp: 130089
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.6

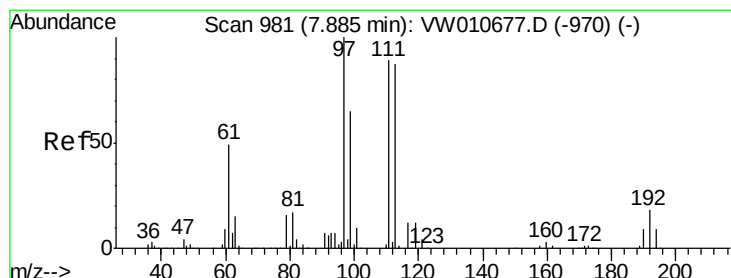
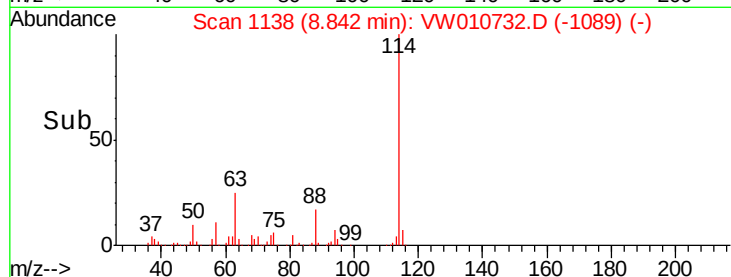
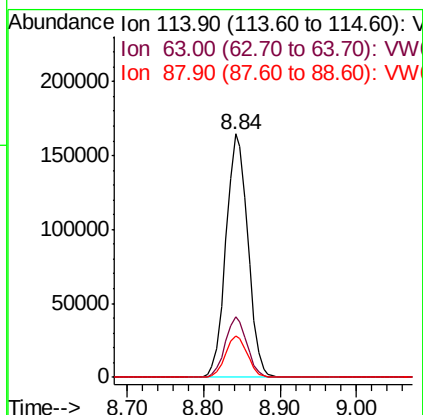
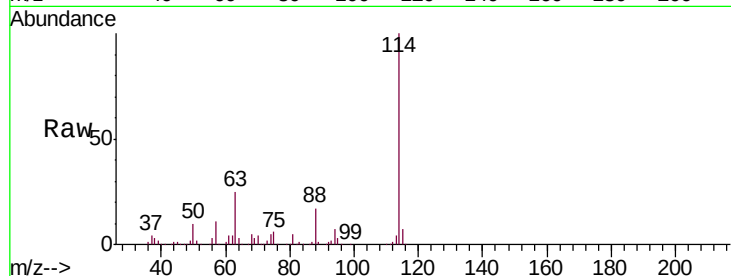




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010732.D
 Acq: 07 Jun 2019 16:41

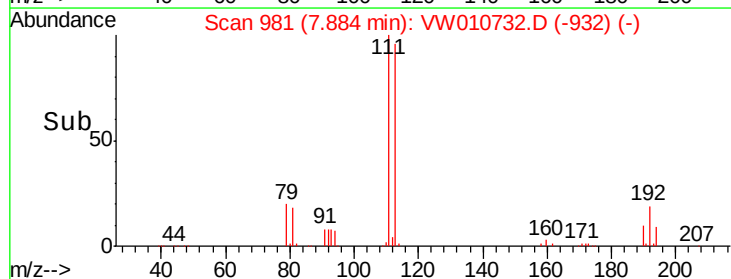
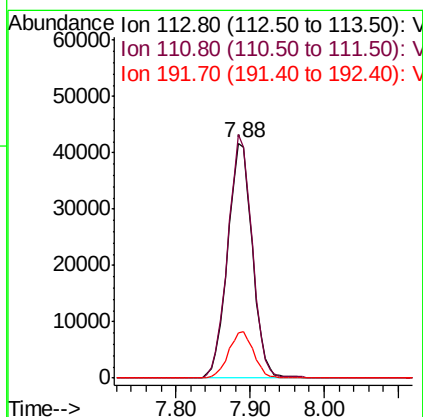
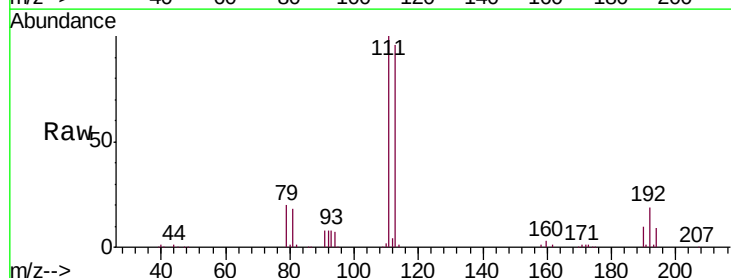
Instrument :
 MSVOA_W
 ClientSampleId :
 SU-04-060719-B

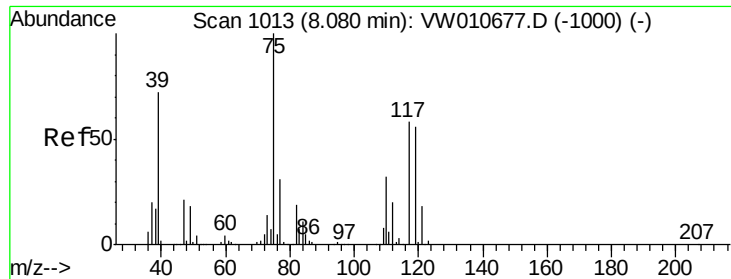
Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.0	0.0	46.4
88	17.0	0.0	32.2



#35
 Dibromofluoromethane
 Concen: 54.974 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010732.D
 Acq: 07 Jun 2019 16:41

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.6	123.8
192	19.9	16.4	24.6

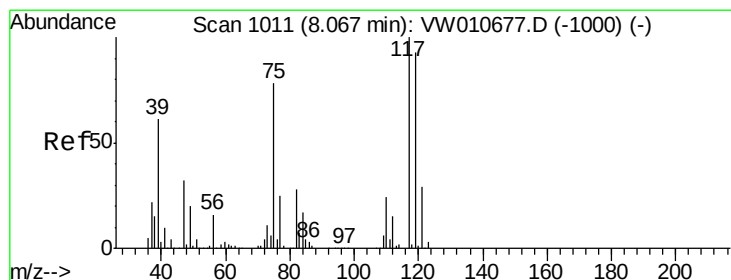
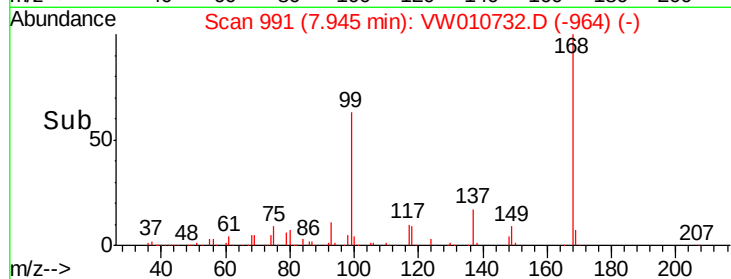
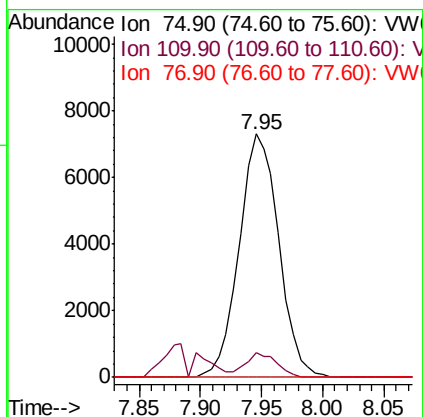
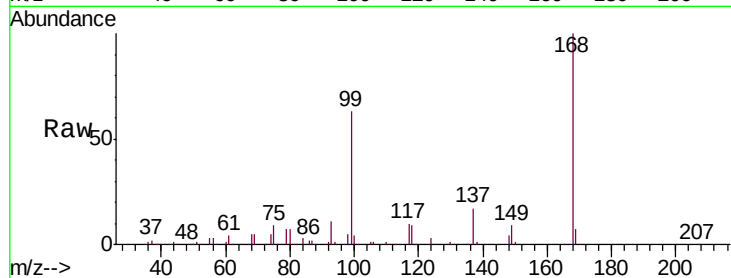




#36
 1,1-Dichloropropene
 Concen: 4.921 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010732.D
 Acq: 07 Jun 2019 16:41

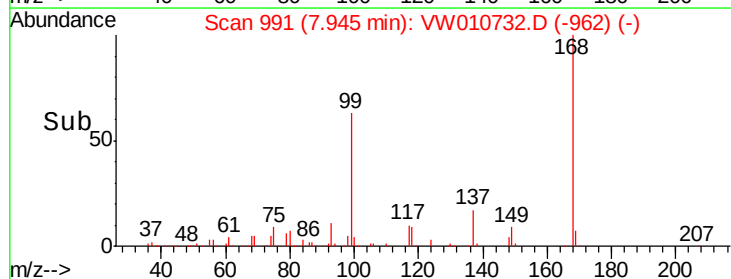
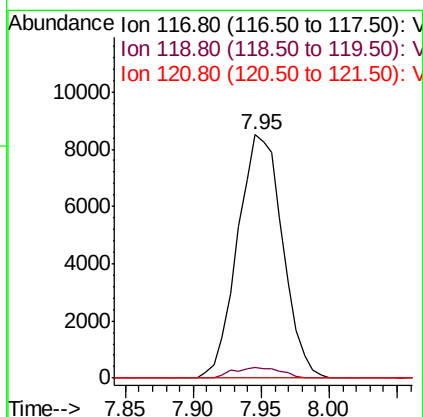
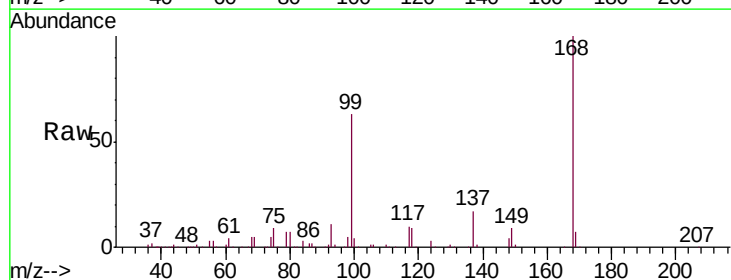
Instrument :
 MSVOA_W
 ClientSampleId :
 SU-04-060719-B

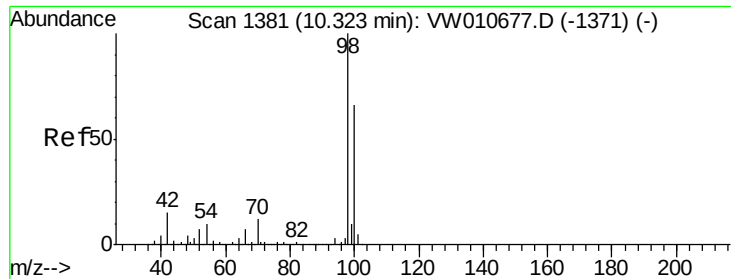
Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.6	15.8	47.3#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.831 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW010732.D
 Acq: 07 Jun 2019 16:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.2	74.2	111.4#
121	0.0	22.9	34.3#

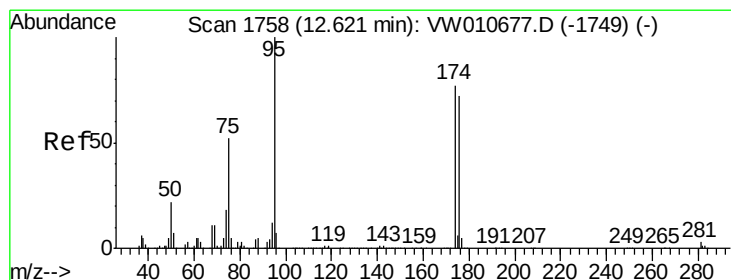
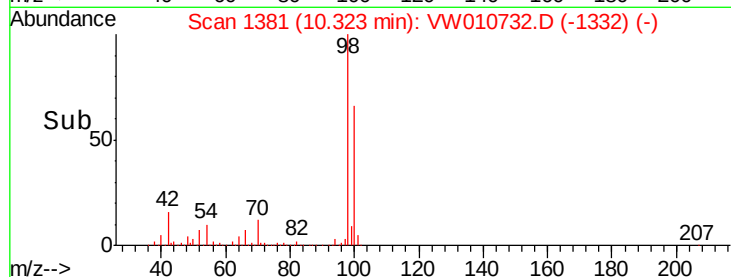
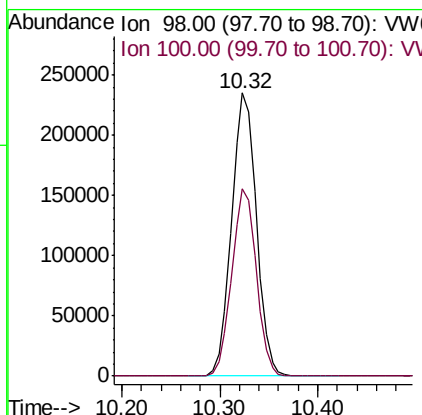
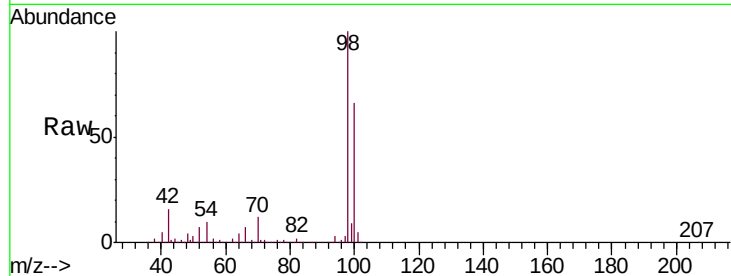




#50
Toluene-d8
Concen: 53.497 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010732.D
Acq: 07 Jun 2019 16:41

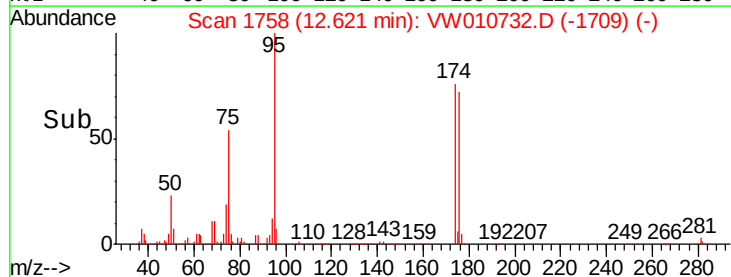
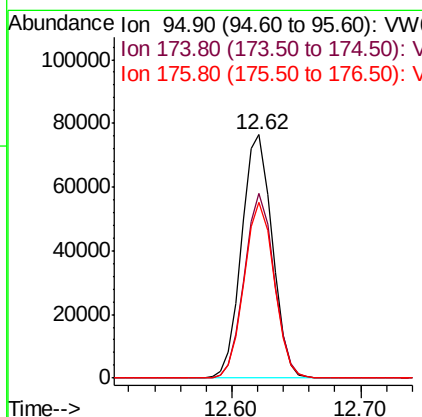
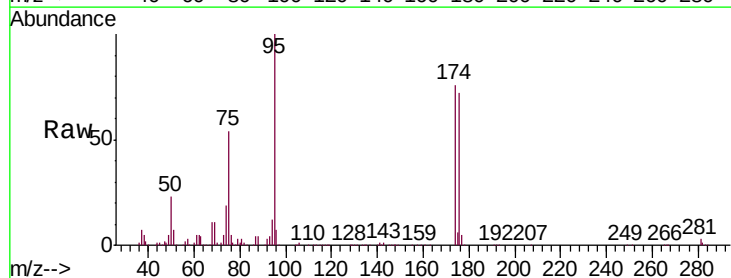
Instrument :
MSVOA_W
ClientSampleId :
SU-04-060719-B

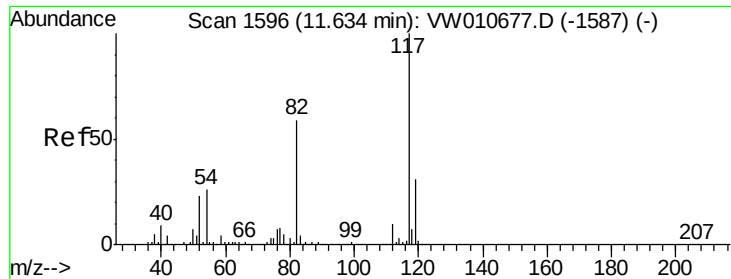
Tgt Ion: 98 Resp: 414624
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 44.461 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010732.D
Acq: 07 Jun 2019 16:41

Tgt Ion: 95 Resp: 125391
Ion Ratio Lower Upper
95 100
174 73.8 0.0 150.4
176 71.1 0.0 144.8

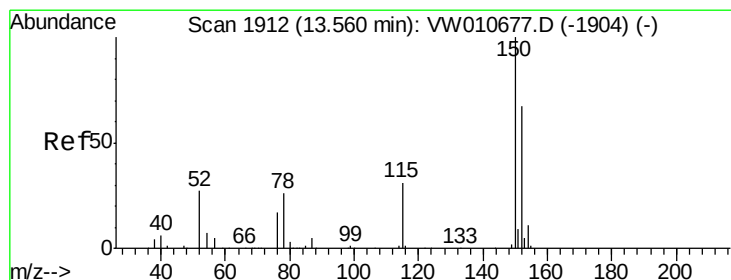
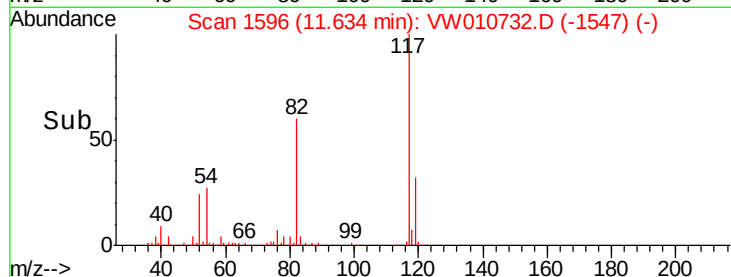
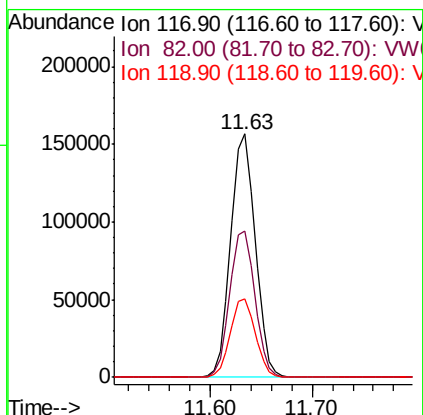
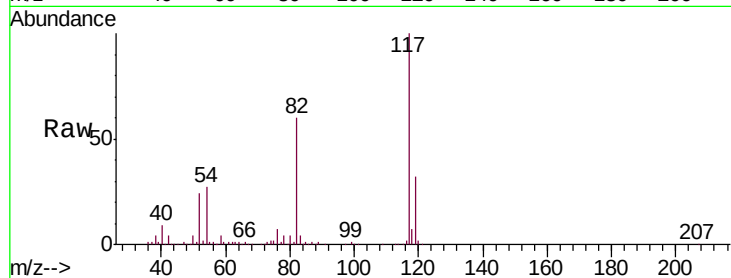




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010732.D
Acq: 07 Jun 2019 16:41

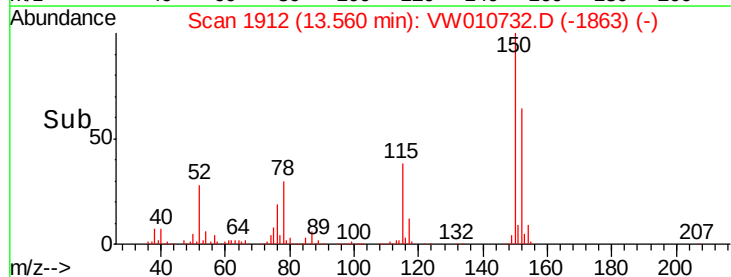
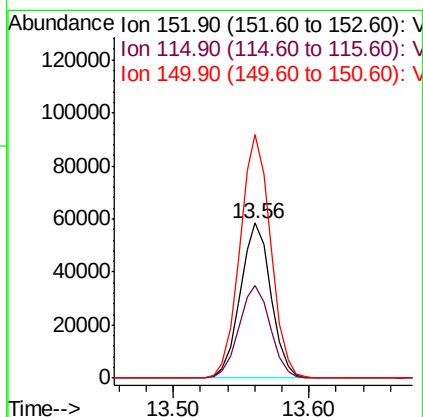
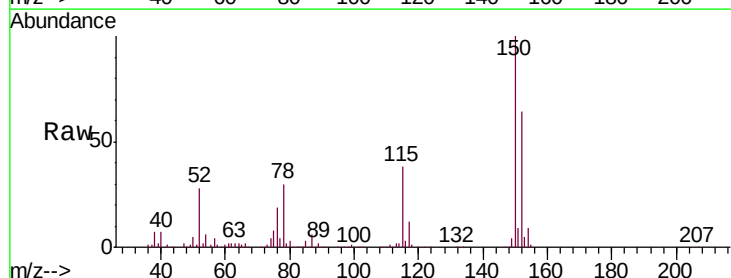
Instrument :
MSVOA_W
ClientSampleId :
SU-04-060719-B

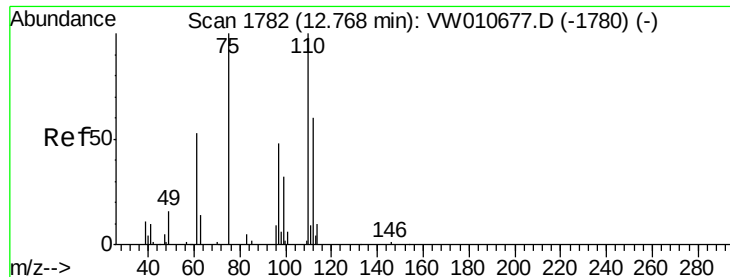
Tgt Ion	Ratio	Lower	Upper
117	100		
82	60.3	47.0	70.4
119	32.3	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010732.D
Acq: 07 Jun 2019 16:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.0	29.8	89.3
150	157.4	0.0	345.0





#76

1,2,3-Trichloropropane

Concen: 70.293 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010732.D

Acq: 07 Jun 2019 16:41

Instrument :

MSVOA_W

ClientSampleId :

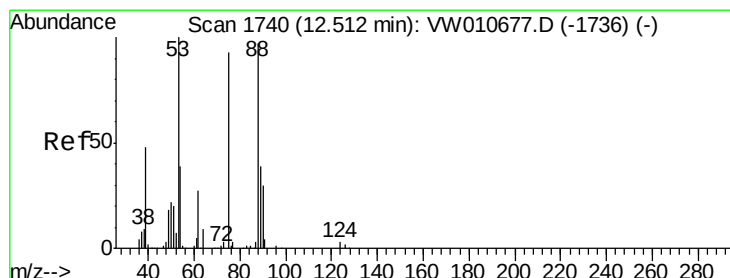
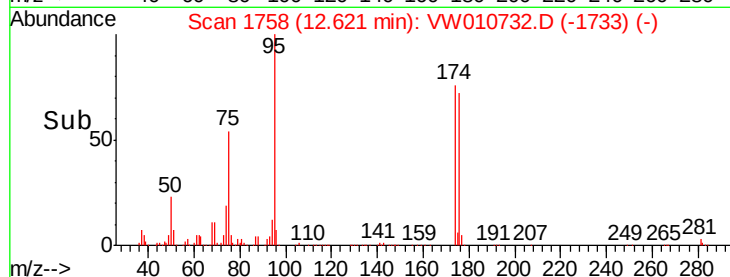
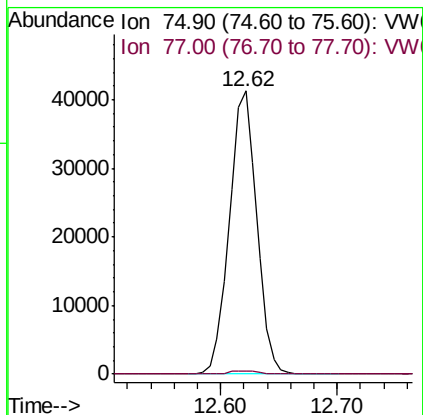
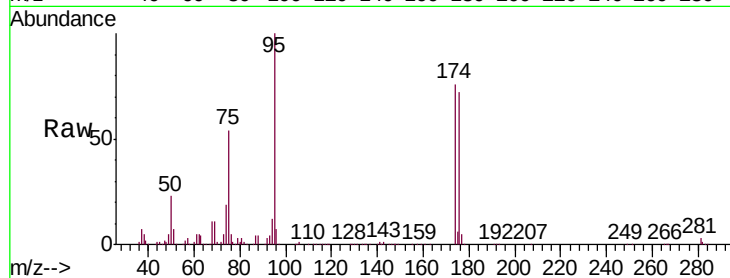
SU-04-060719-B

Tgt Ion: 75 Resp: 67671

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 161.556 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010732.D

Acq: 07 Jun 2019 16:41

Tgt Ion: 75 Resp: 67671

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

89 0.0 34.6 52.0#

