

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091519\
 Data File : VW013013.D
 Acq On : 15 Sep 2019 01:25
 Operator : SY/VA
 Sample : K4837-01
 Misc : 2.23G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 16 06:57:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	282275	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	431866	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	363137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	159320	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	150099	57.58	ug/l	0.00
Spiked Amount			Recovery	=	115.16%	
35) Dibromofluoromethane	7.88	113	124357	53.07	ug/l	0.00
Spiked Amount			Recovery	=	106.14%	
50) Toluene-d8	10.32	98	509592	55.57	ug/l	0.00
Spiked Amount			Recovery	=	111.14%	
62) 4-Bromofluorobenzene	12.62	95	172519	52.32	ug/l	0.00
Spiked Amount			Recovery	=	104.64%	

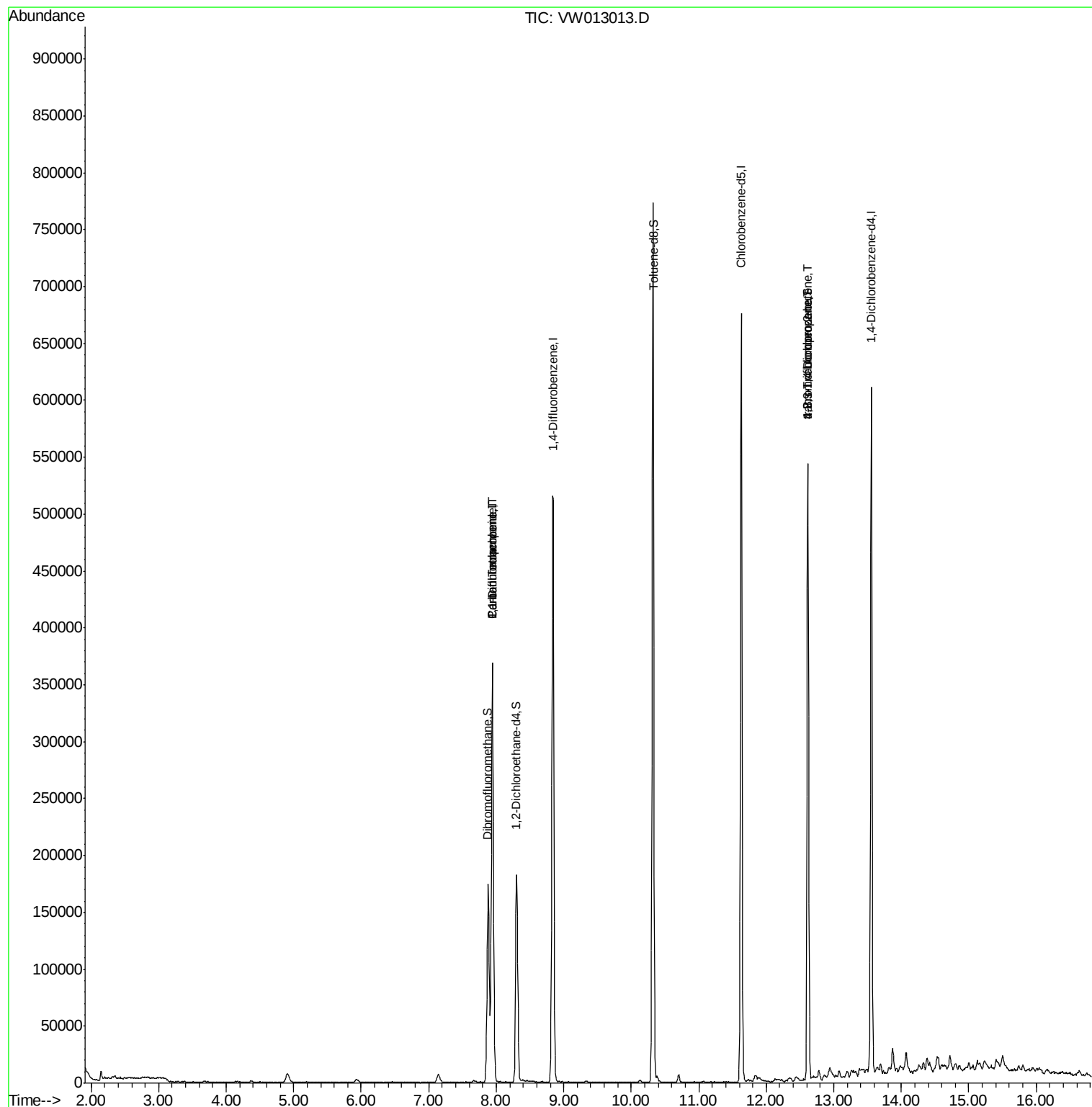
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	26	Below Cal	#	44
3) Chloromethane	2.21	50	465	Below Cal	#	39
11) Tert butyl alcohol	5.19	59	107	Below Cal	#	72
13) Acrolein	3.93	56	19	Below Cal	#	1
16) Acetone	4.14	43	1972	Below Cal		98
20) Methylene Chloride	4.90	84	5645	Below Cal		88
26) 2,2-Dichloropropane	7.14	77	660	Below Cal	#	55
31) Cyclohexane	7.95	56	6190	Below Cal	#	29
36) 1,1-Dichloropropene	7.95	75	21734	6.298	ug/l #	50
38) Carbon Tetrachloride	7.95	117	26730	7.558	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	88700	63.561	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	88700	144.186	ug/l #	7

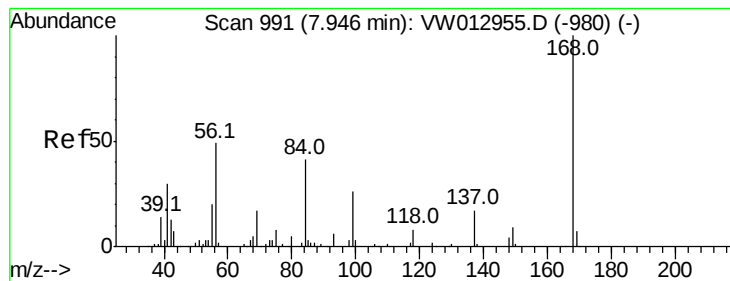
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW013013.D

Acq: 15 Sep 2019 01:25

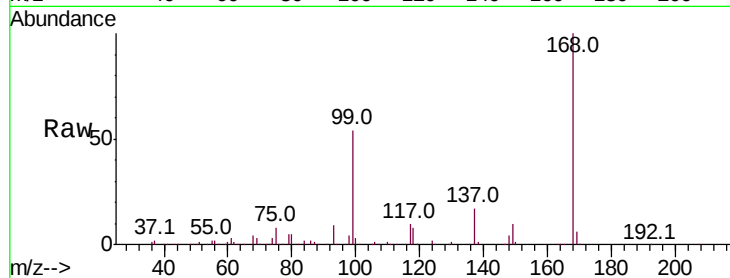
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 282275

Ion Ratio Lower Upper

168 100

99 54.4 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

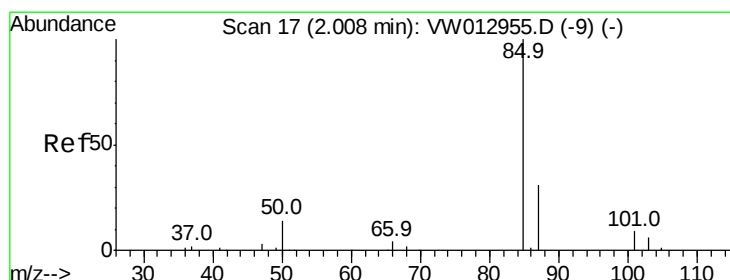
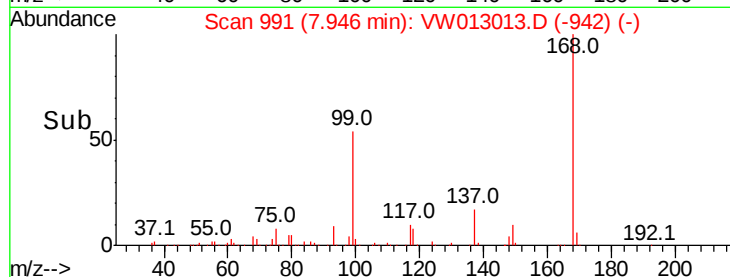
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW013013.D

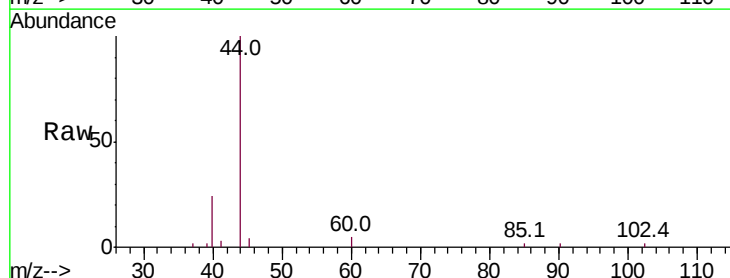
Acq: 15 Sep 2019 01:25

Tgt Ion: 85 Resp: 26

Ion Ratio Lower Upper

85 100

87 0.0 15.4 46.4#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

80

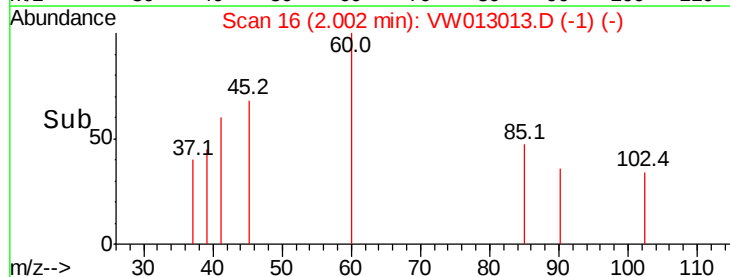
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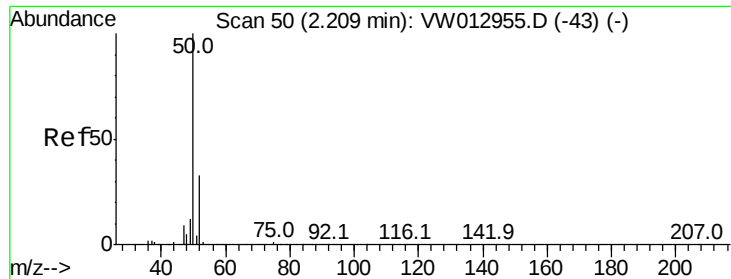
40

20

0

Time-->





#3

Chloromethane

Concen: Below Cal

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW013013.D

Acq: 15 Sep 2019 01:25

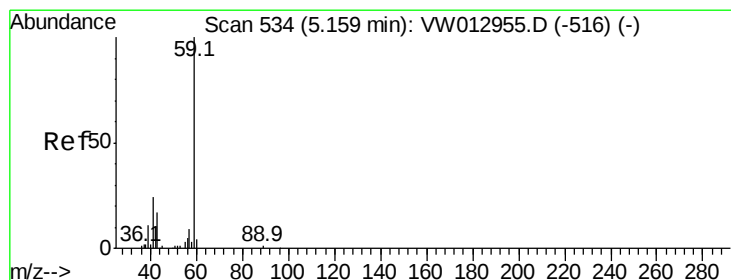
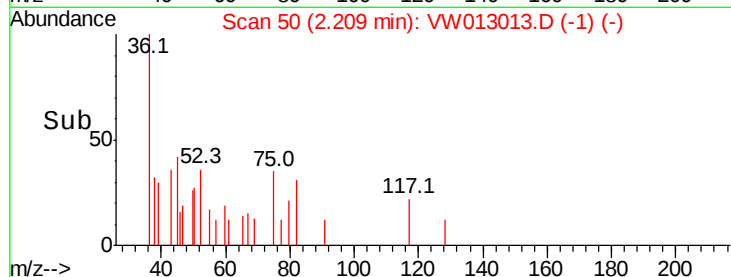
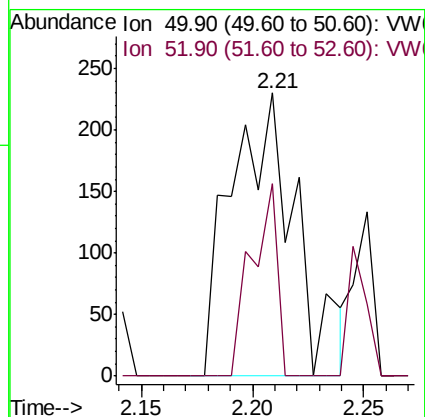
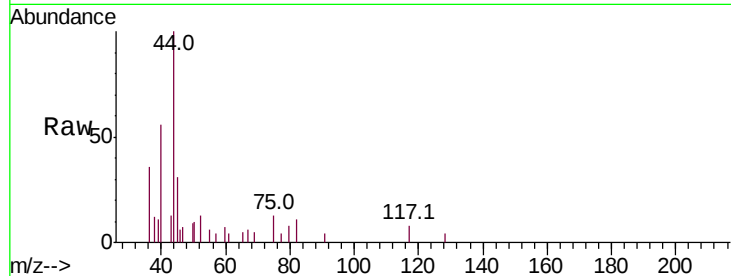
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 50 Resp: 465

Ion Ratio Lower Upper

50 100

52 67.8 26.6 39.8#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.19 min Scan# 539

Delta R.T. 0.03 min

Lab File: VW013013.D

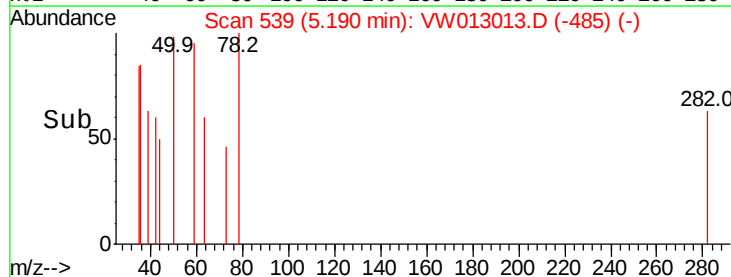
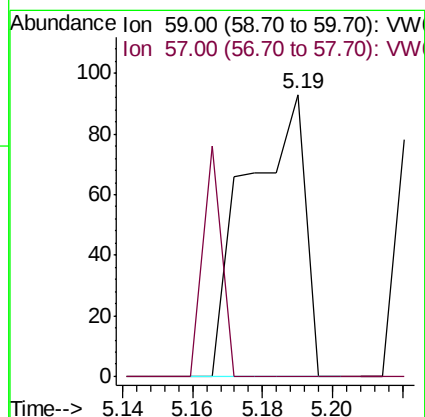
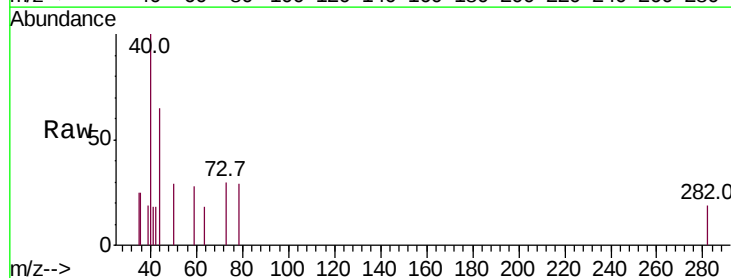
Acq: 15 Sep 2019 01:25

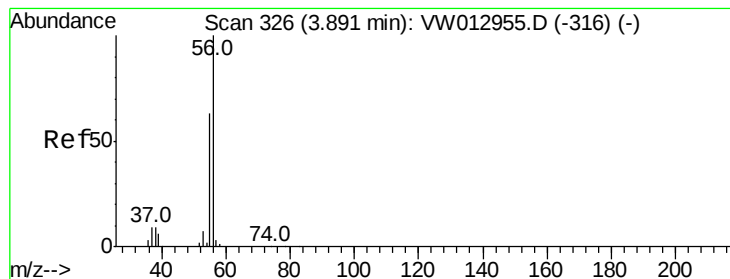
Tgt Ion: 59 Resp: 107

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#





#13

Acrolein

Concen: Below Cal

RT: 3.93 min Scan# 332

Delta R.T. 0.04 min

Lab File: VW013013.D

Acq: 15 Sep 2019 01:25

Instrument :

MSVOA_W

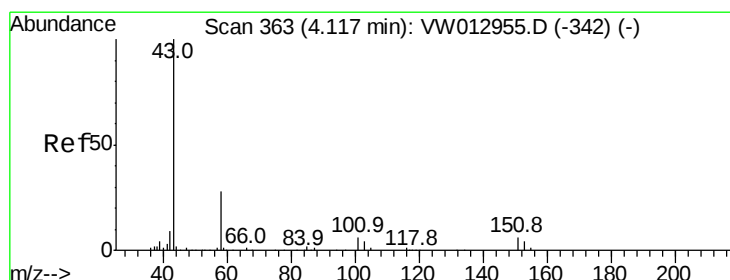
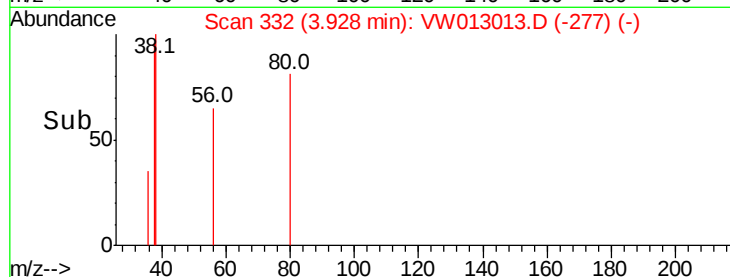
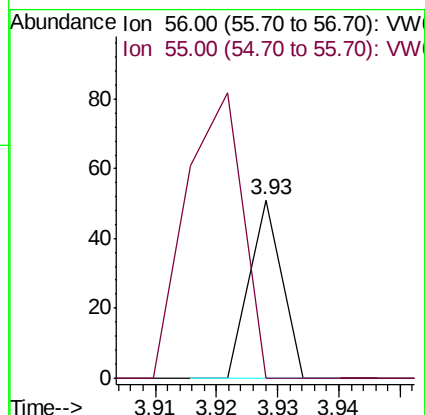
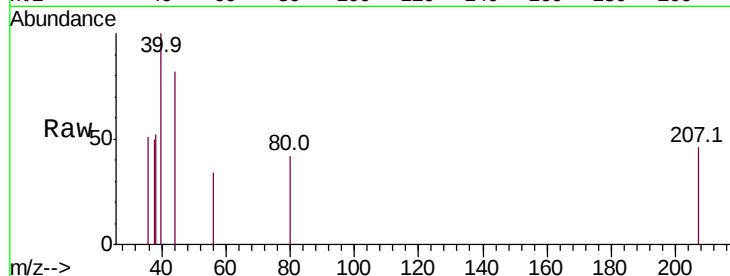
ClientSampleId :

Tot Ion: 56 Resp: 19

Ion Ratio Lower Upper

56 100

55 273.7 55.8 83.8#



#16

Acetone

Concen: Below Cal

RT: 4.14 min Scan# 367

Delta R.T. 0.03 min

Lab File: VW013013.D

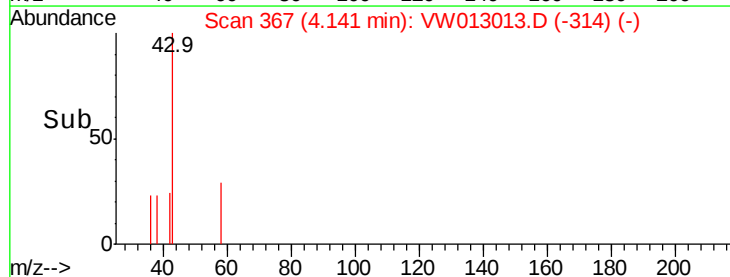
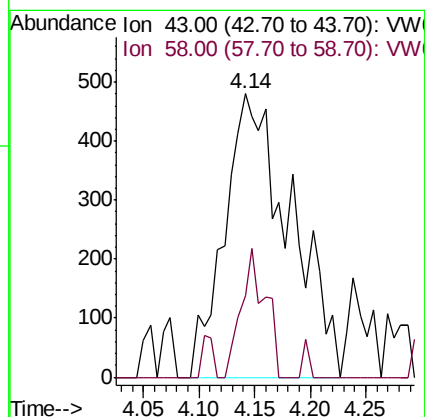
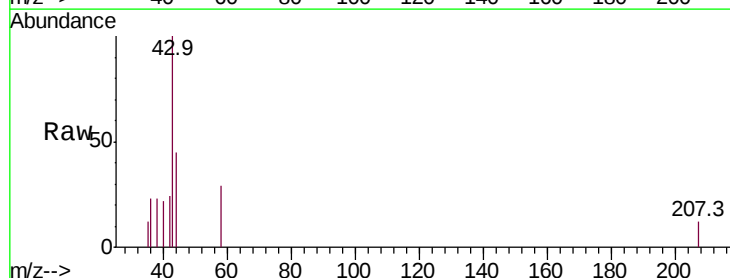
Acq: 15 Sep 2019 01:25

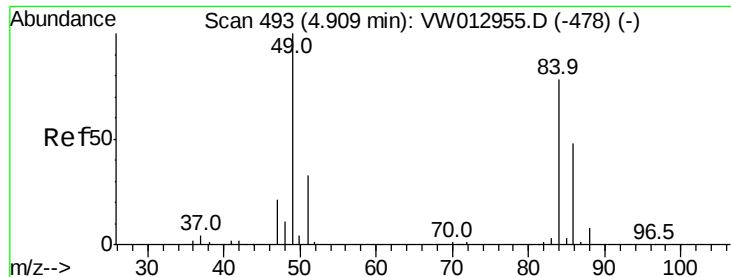
Tgt Ion: 43 Resp: 1972

Ion Ratio Lower Upper

43 100

58 28.8 22.3 33.5

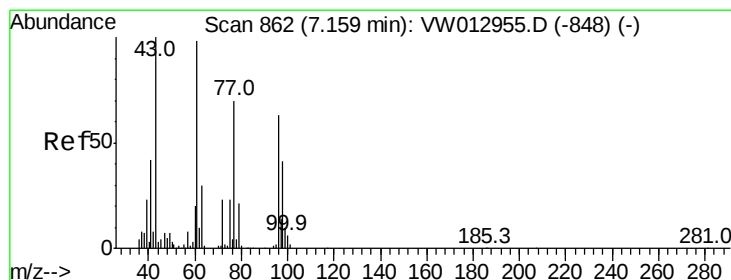
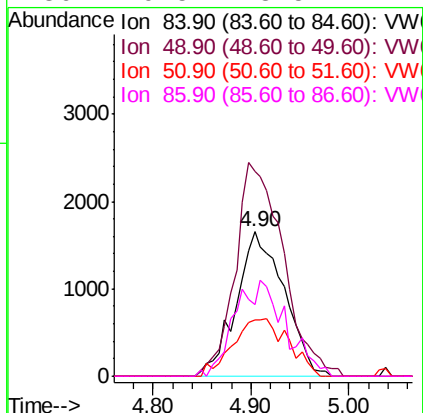
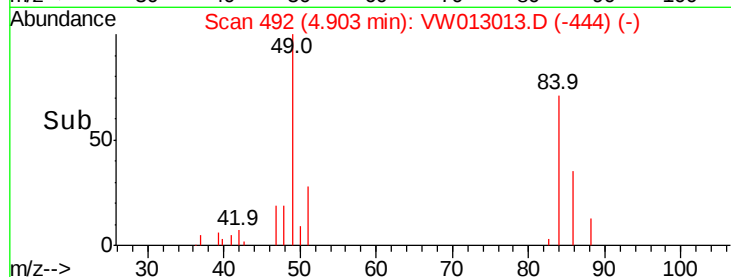
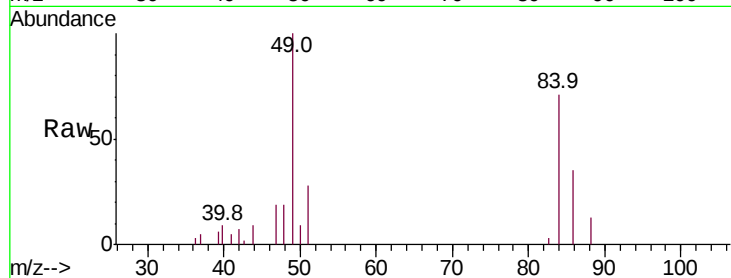




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW013013.D
Acq: 15 Sep 2019 01:25

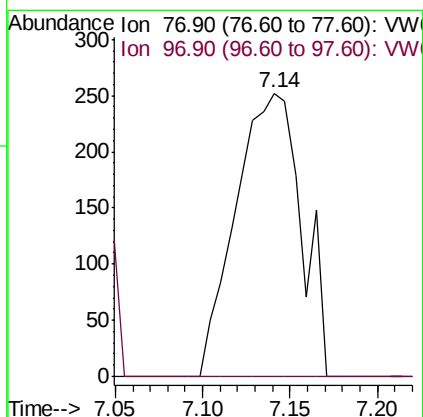
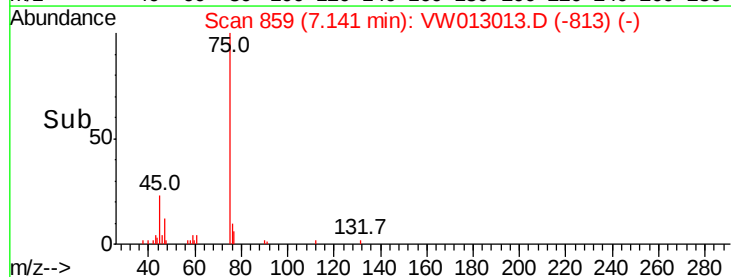
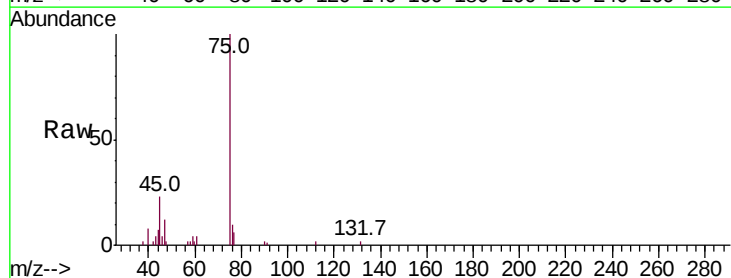
Instrument :
MSVOA_W
ClientSampleId :

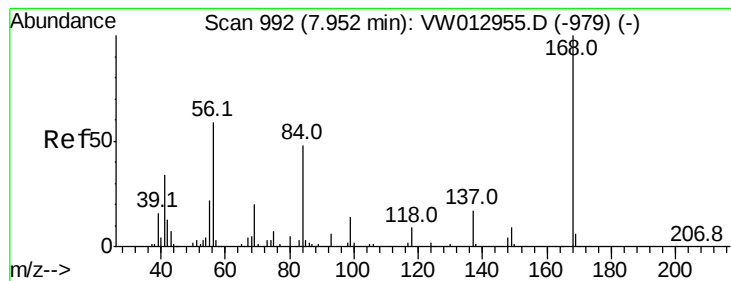
Tot Ion: 84 Resp: 5645
Ion Ratio Lower Upper
84 100
49 141.5 102.0 153.0
51 39.0 34.0 51.0
86 49.5 48.5 72.7



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: VW013013.D
Acq: 15 Sep 2019 01:25

Tgt Ion: 77 Resp: 660
Ion Ratio Lower Upper
77 100
97 0.0 10.7 32.1#





#31

Cyclohexane

Concen: Below Cal

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

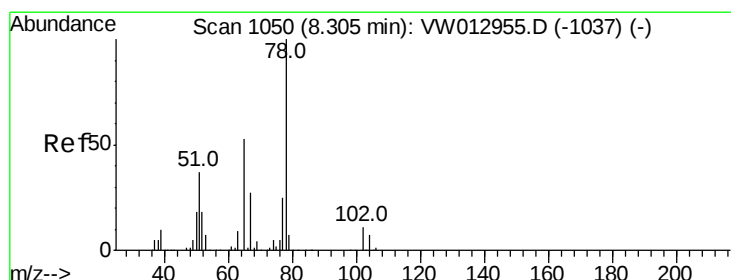
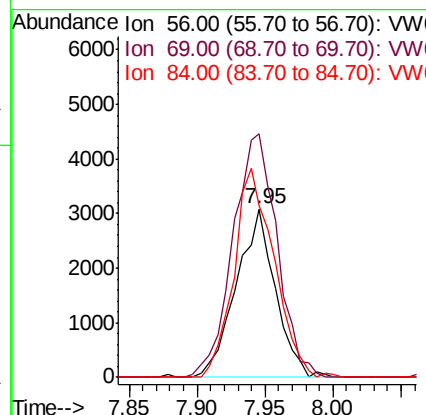
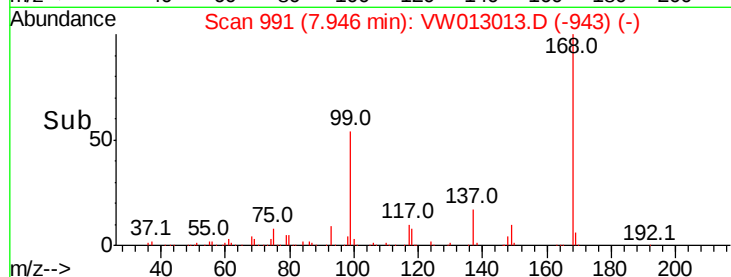
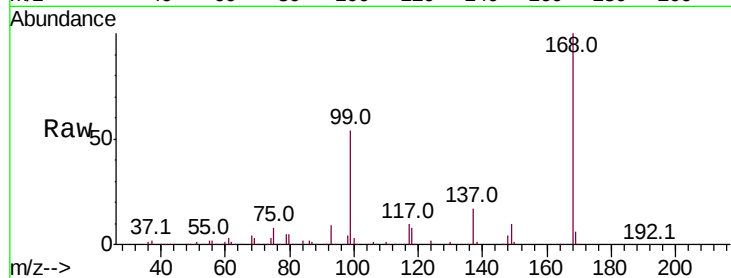
Lab File: VW013013.D

Acq: 15 Sep 2019 01:25

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 6190

Ion	Ratio	Lower	Upper
56	100		
69	144.4	27.0	40.6#
84	101.7	66.2	99.2#



#33

1,2-Dichloroethane-d4

Concen: 57.575 ug/l

RT: 8.30 min Scan# 1049

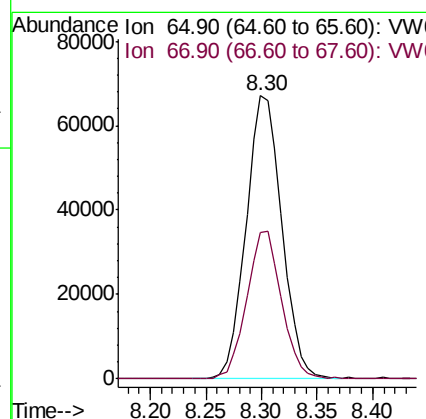
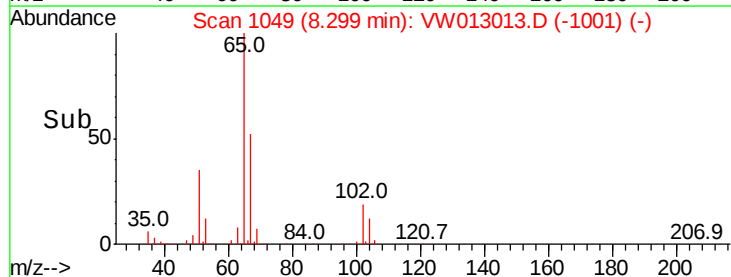
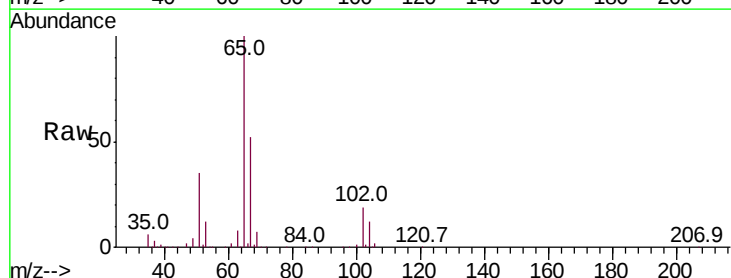
Delta R.T. -0.01 min

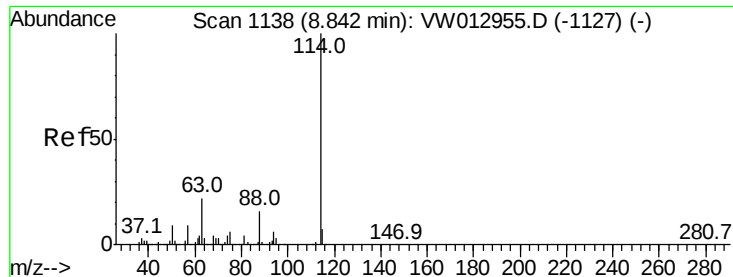
Lab File: VW013013.D

Acq: 15 Sep 2019 01:25

Tgt Ion: 65 Resp: 150099

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	101.2

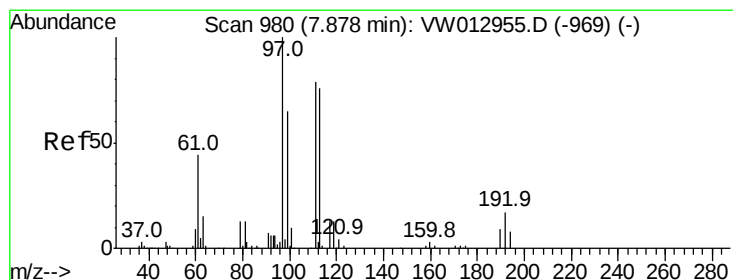
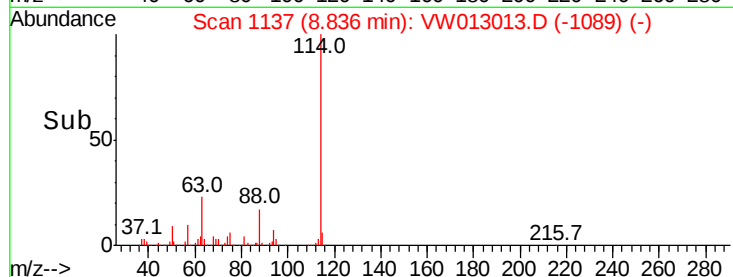
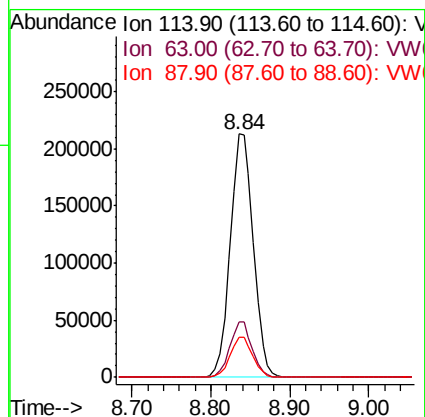
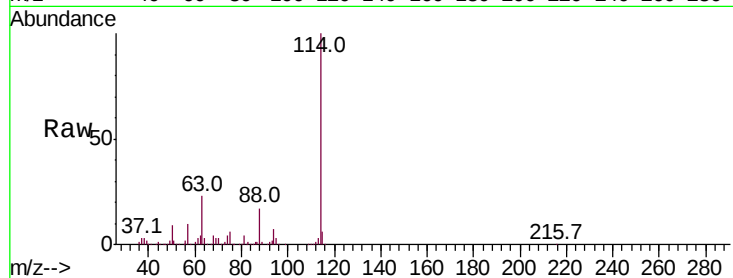




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW013013.D
 Acq: 15 Sep 2019 01:25

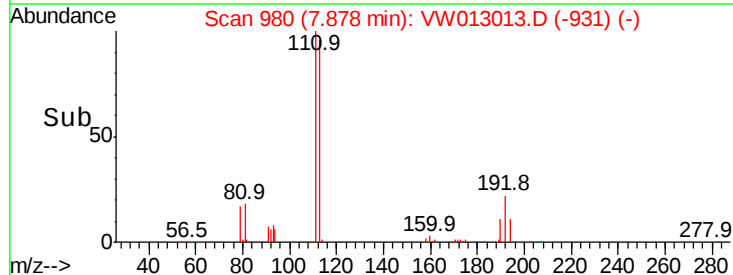
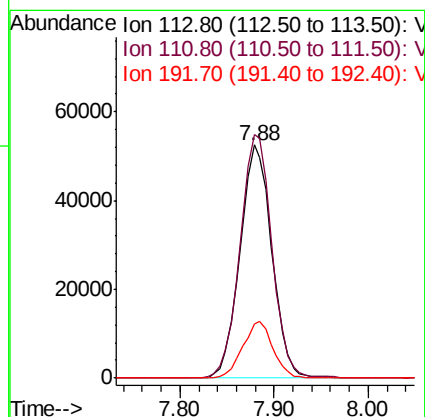
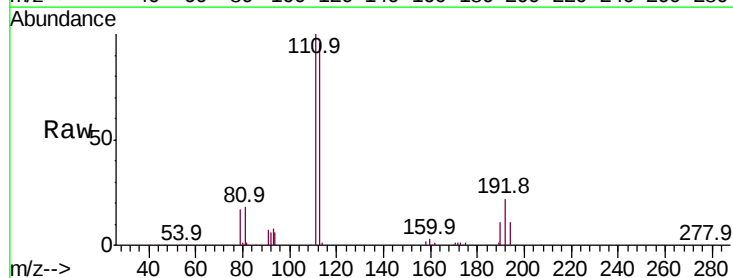
Instrument :
 MSVOA_W
 ClientSampleId :

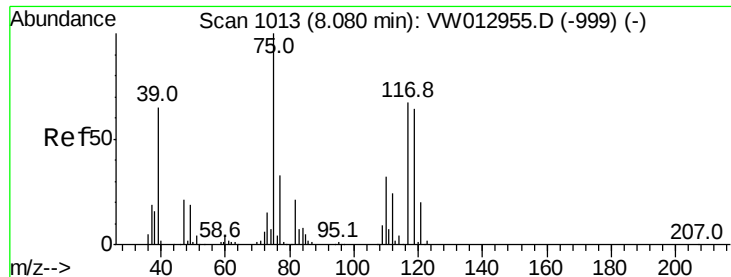
Tot Ion:114 Resp: 431866
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 43.4
 88 16.6 0.0 31.6



#35
 Dibromofluoromethane
 Concen: 53.068 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW013013.D
 Acq: 15 Sep 2019 01:25

Tgt Ion:113 Resp: 124357
 Ion Ratio Lower Upper
 113 100
 111 104.7 82.8 124.2
 192 23.2 17.8 26.8

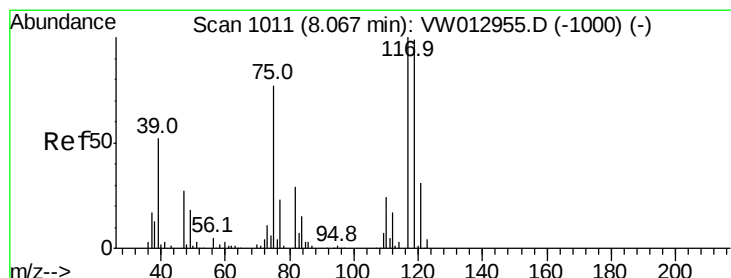
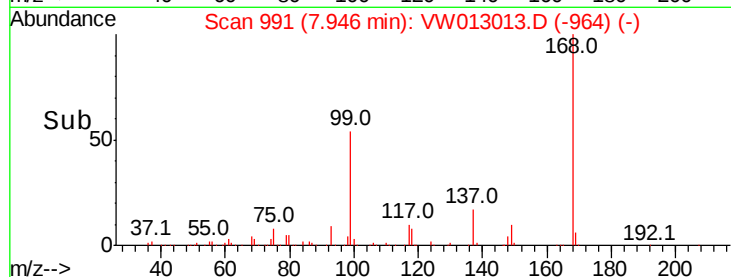
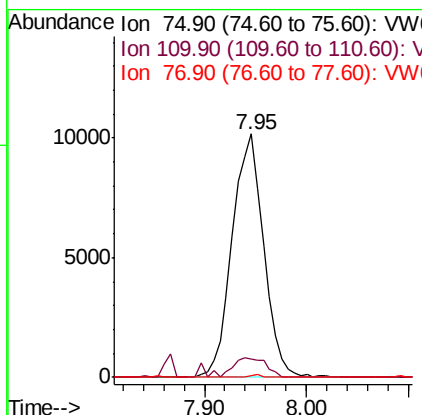
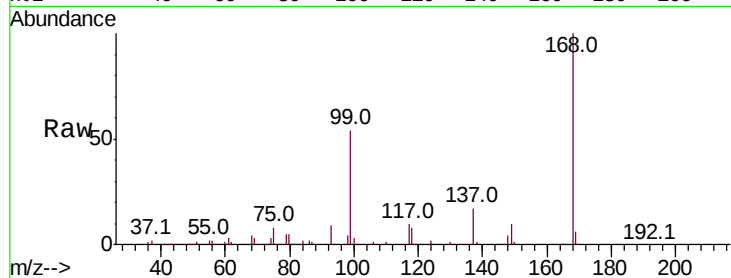




#36
 1,1-Dichloropropene
 Concen: 6.298 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013013.D
 Acq: 15 Sep 2019 01:25

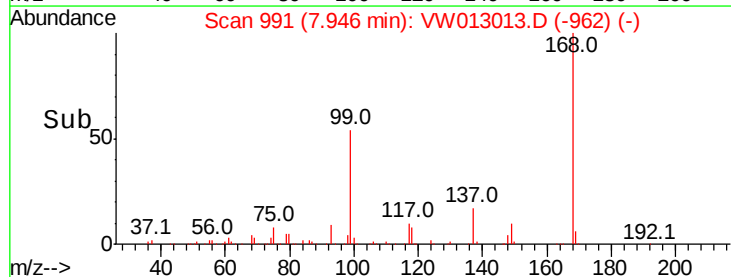
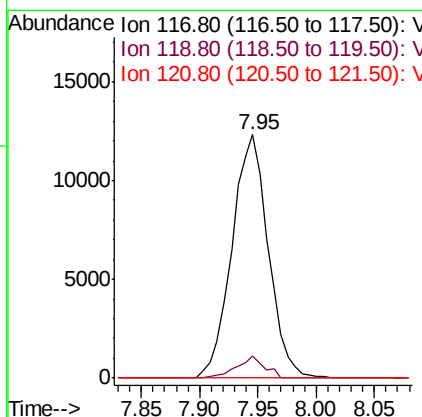
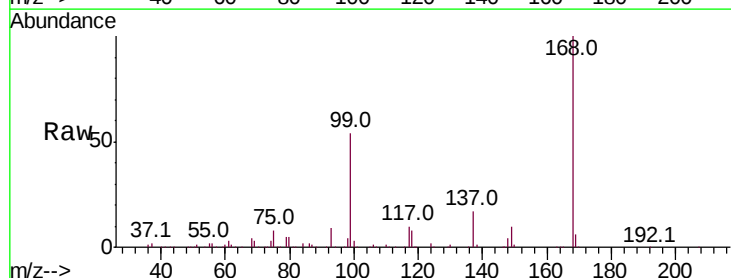
Instrument :
 MSVOA_W
 ClientSampled :

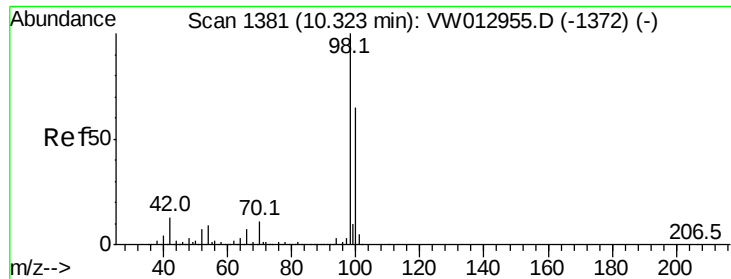
Tot Ion: 75 Resp: 21734
 Ion Ratio Lower Upper
 75 100
 110 8.2 16.4 49.1#
 77 0.3 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 7.558 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW013013.D
 Acq: 15 Sep 2019 01:25

Tgt Ion: 117 Resp: 26730
 Ion Ratio Lower Upper
 117 100
 119 9.1 79.4 119.0#
 121 0.0 24.6 36.8#

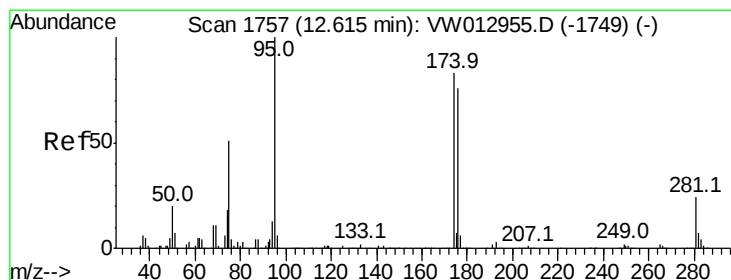
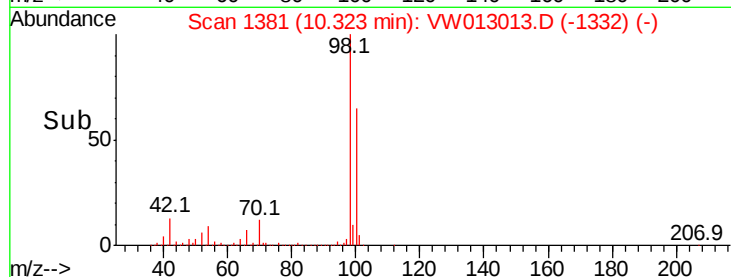
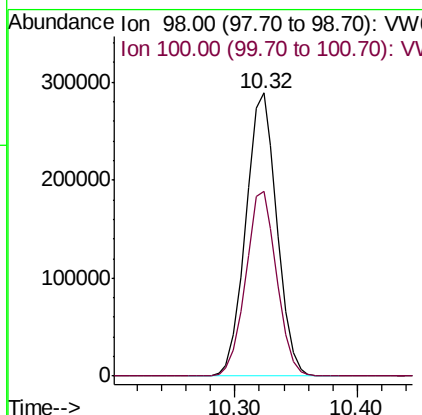
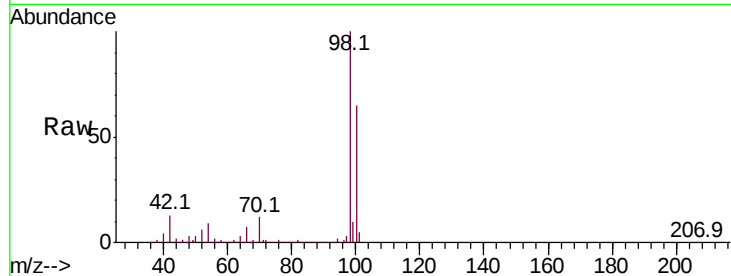




#50
Toluene-d8
Concen: 55.573 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013013.D
Acq: 15 Sep 2019 01:25

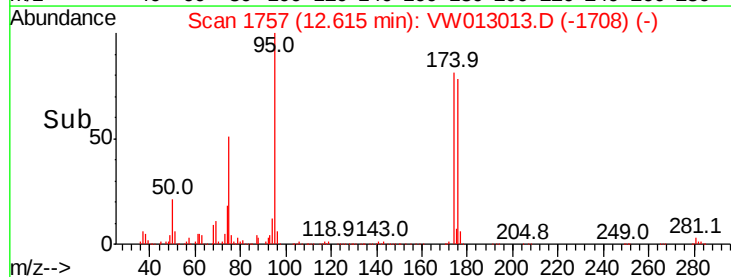
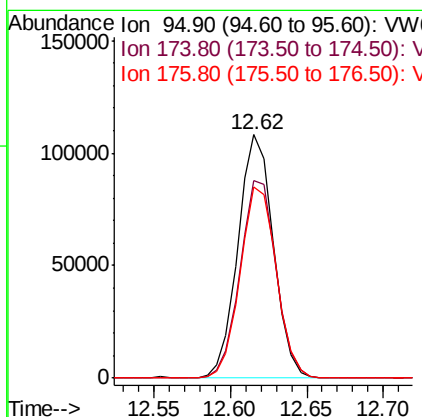
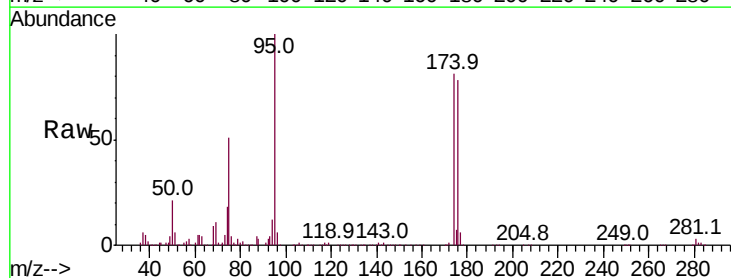
Instrument :
MSVOA_W
ClientSampleId :

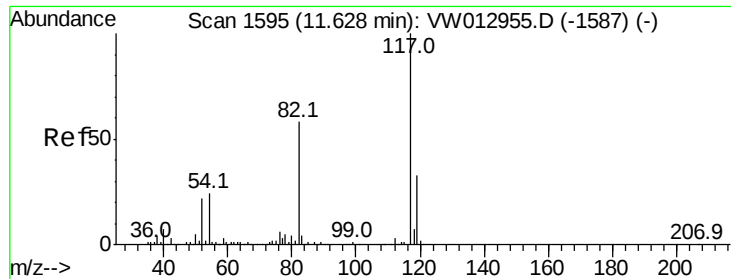
Tot Ion: 98 Resp: 509592
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 52.322 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013013.D
Acq: 15 Sep 2019 01:25

Tgt Ion: 95 Resp: 172519
Ion Ratio Lower Upper
95 100
174 83.8 0.0 170.4
176 81.0 0.0 164.6

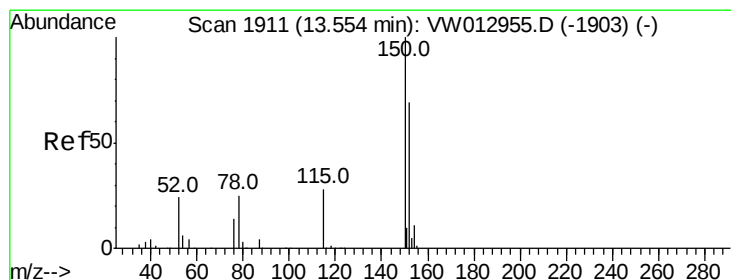
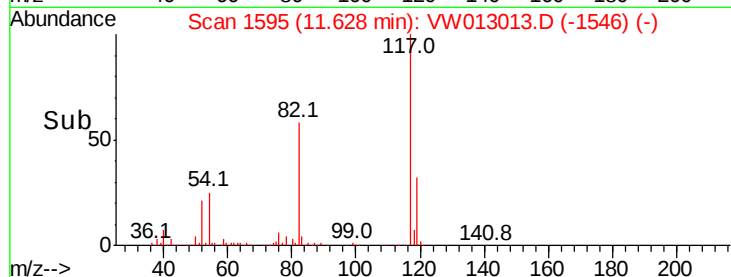
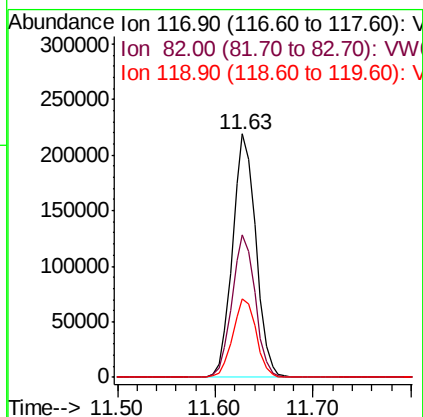
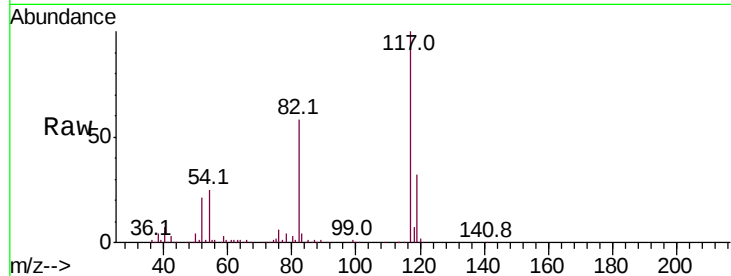




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013013.D
Acq: 15 Sep 2019 01:25

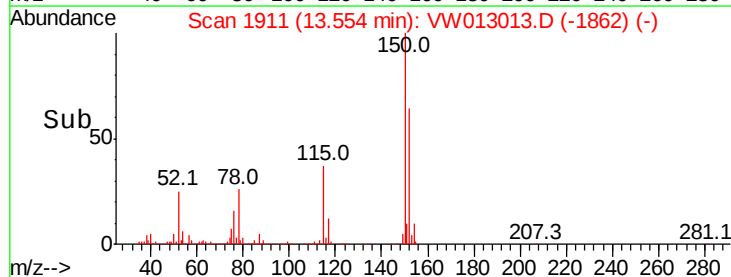
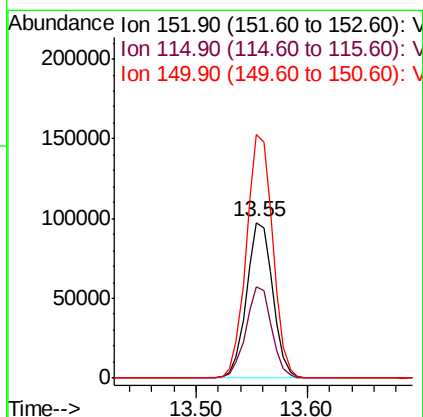
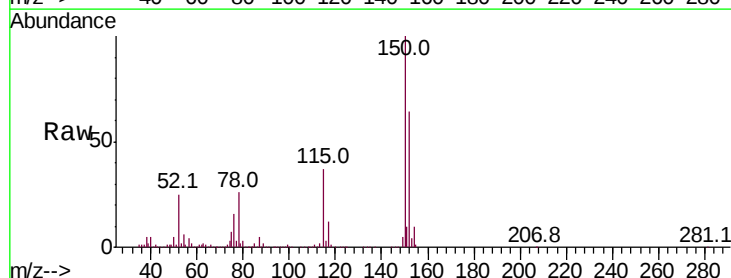
Instrument :
MSVOA_W
ClientSampleId :

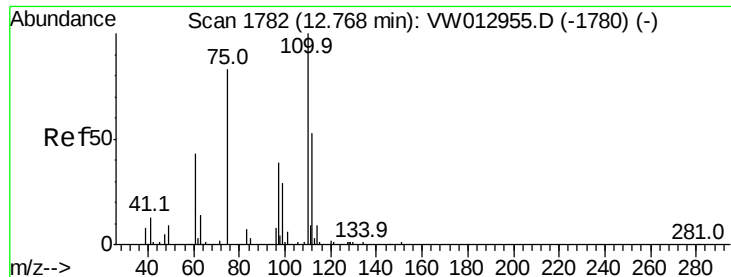
Tot Ion:117 Resp: 363137
Ion Ratio Lower Upper
117 100
82 58.3 46.3 69.5
119 32.0 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. 0.00 min
Lab File: VW013013.D
Acq: 15 Sep 2019 01:25

Tgt Ion:152 Resp: 159320
Ion Ratio Lower Upper
152 100
115 58.0 28.8 86.4
150 158.1 0.0 340.2





#76

1,2,3-Trichloropropane

Concen: 63.561 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013013.D

Acq: 15 Sep 2019 01:25

Instrument :

MSVOA_W

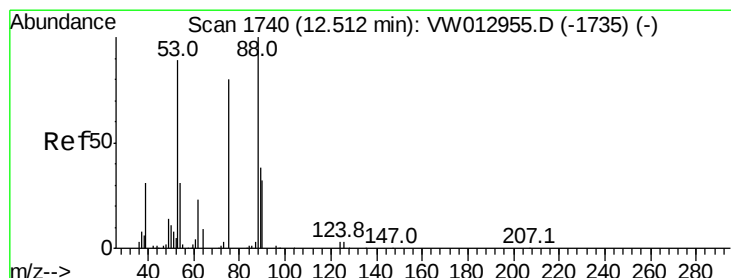
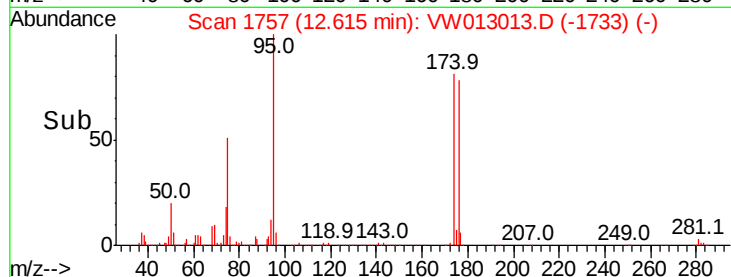
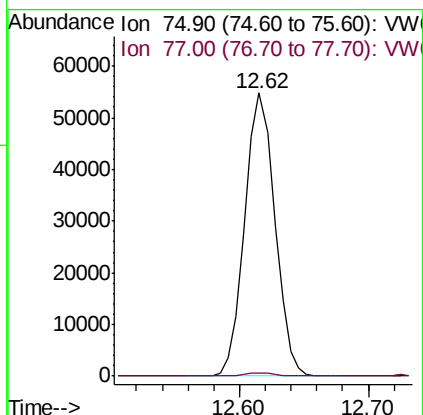
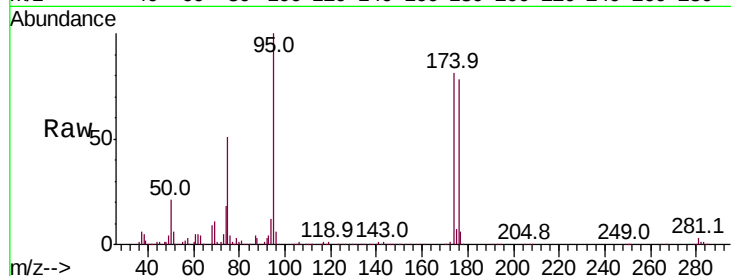
ClientSampled :

Tot Ion: 75 Resp: 88700

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 144.186 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013013.D

Acq: 15 Sep 2019 01:25

Tgt Ion: 75 Resp: 88700

Ion Ratio Lower Upper

75 100

53 0.3 85.6 128.4#

89 0.1 37.2 55.8#

