

Data File : VW013143.D
Acq On : 19 Sep 2019 05:49
Operator : SY/VA
Sample : K4825-02
Misc : 7.34G/5ML/MSVOA_W/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CSA-3-1-3-FT

Quant Time: Sep 19 08:05:22 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	418982	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	630285	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	460938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	132654	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	172887	44.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.36%	
35) Dibromofluoromethane	7.88	113	173941	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
50) Toluene-d8	10.32	98	701787	52.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.88%	
62) 4-Bromofluorobenzene	12.62	95	172135	35.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.54%	

Target Compounds

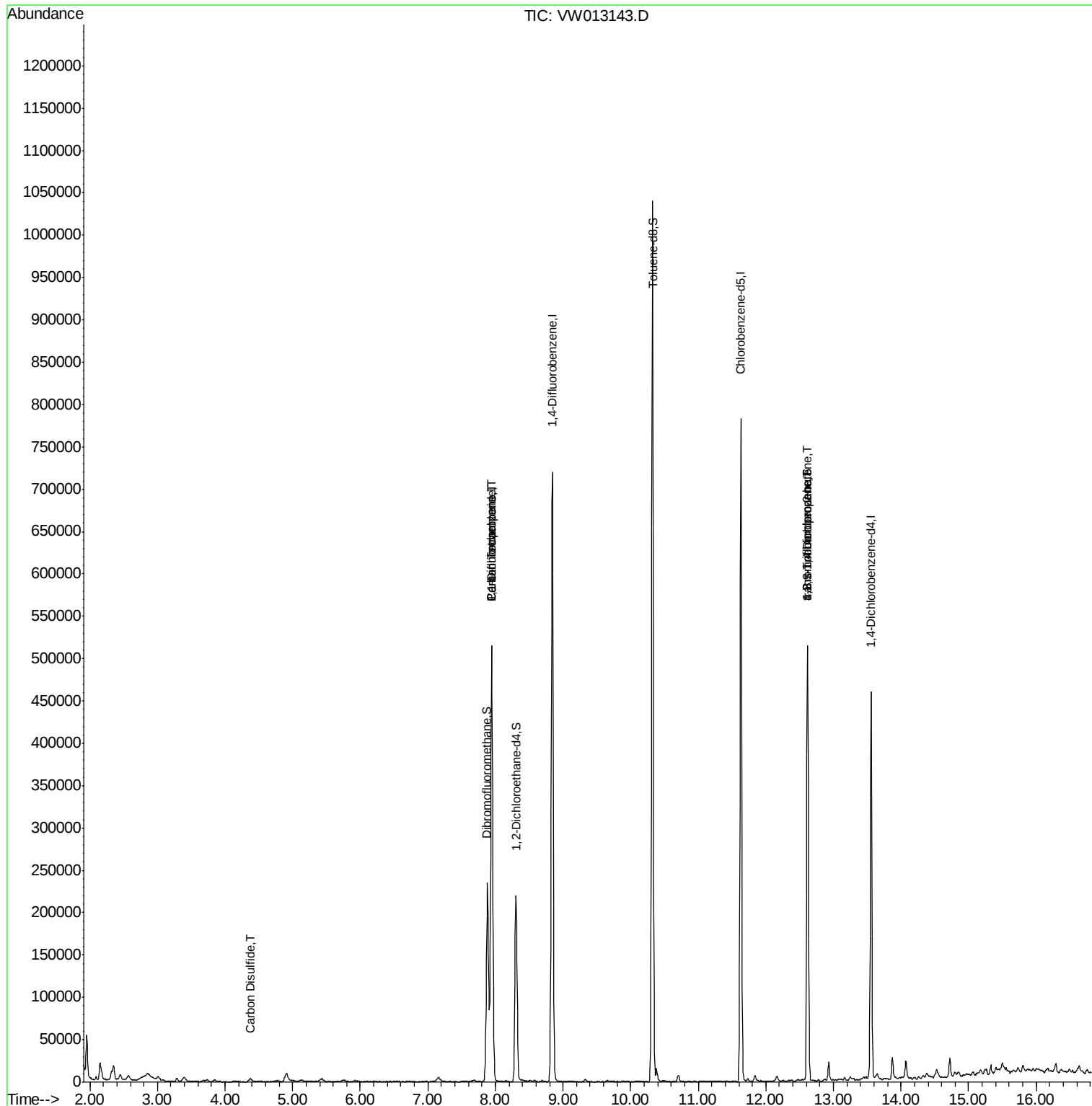
						Qvalue
3) Chloromethane	2.20	50	117	Below Cal	#	76
11) Tert butyl alcohol	5.20	59	133	Below Cal	#	72
13) Acrolein	3.92	56	45	Below Cal	#	15
16) Acetone	4.14	43	895	Below Cal		99
17) Carbon Disulfide	4.37	76	8185	1.420	ug/l	99
20) Methylene Chloride	4.92	84	8138	Below Cal	#	76
26) 2,2-Dichloropropane	7.15	77	323	Below Cal	#	55
31) Cyclohexane	7.95	56	7384	Below Cal	#	1
36) 1,1-Dichloropropene	7.95	75	27654	5.491	ug/l #	51
38) Carbon Tetrachloride	7.95	117	37485	7.263	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	83478	71.843	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	83478	162.975	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: VW013143.D

Acq: 19 Sep 2019 05:49

Instrument :

MSVOA_W

ClientSampleId :

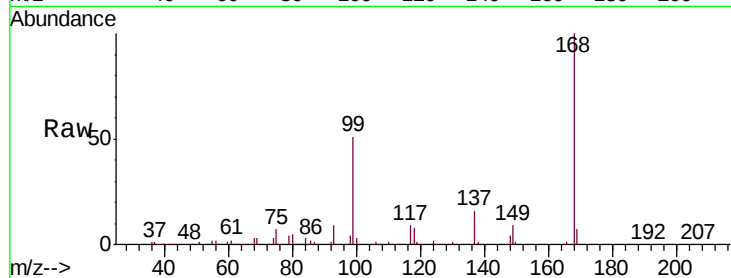
CSA-3-1-3-FT

Tgt Ion:168 Resp: 418982

Ion Ratio Lower Upper

168 100

99 50.8 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

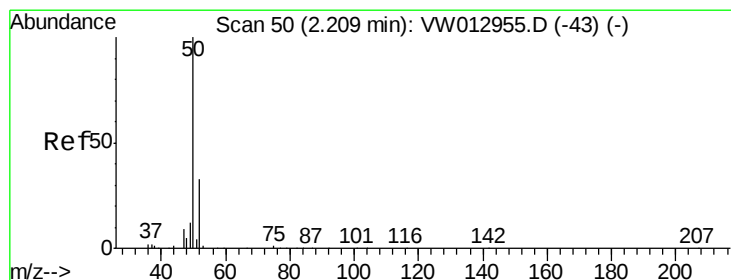
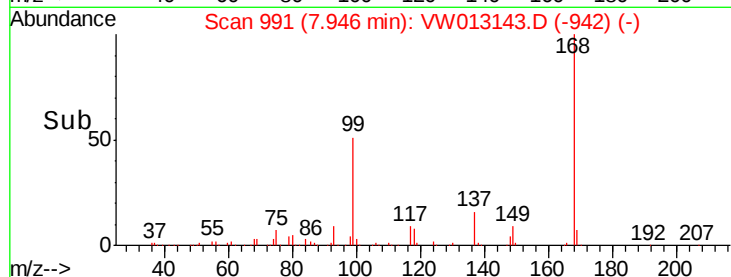
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#3

Chloromethane

Concen: Below Cal

RT: 2.20 min Scan# 49

Delta R.T. -0.01 min

Lab File: VW013143.D

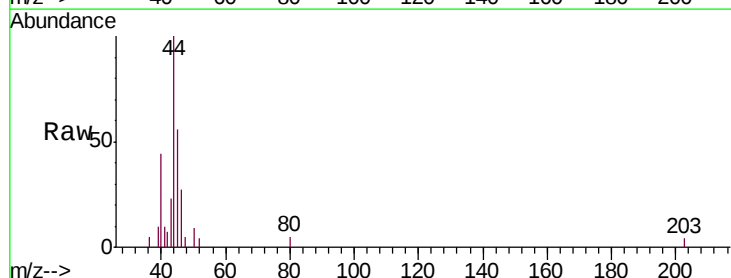
Acq: 19 Sep 2019 05:49

Tgt Ion: 50 Resp: 117

Ion Ratio Lower Upper

50 100

52 46.6 26.6 39.8#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.20

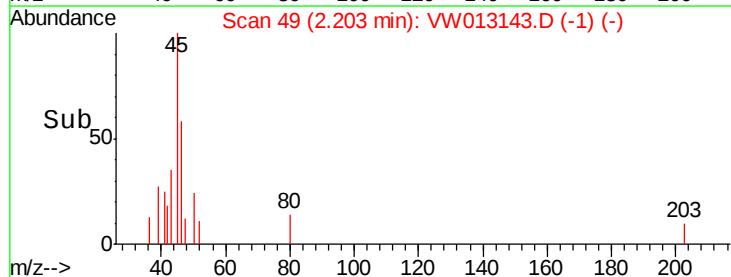
150

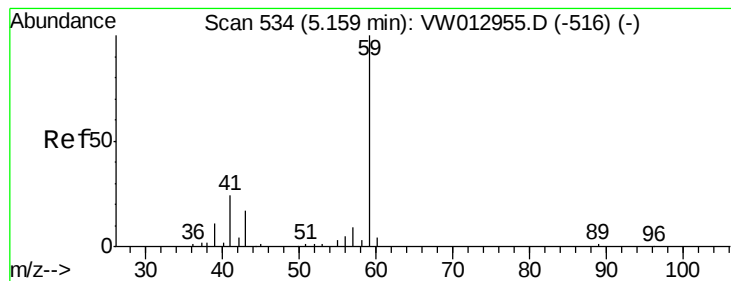
100

50

0

Time--> 2.16 2.18 2.20 2.22



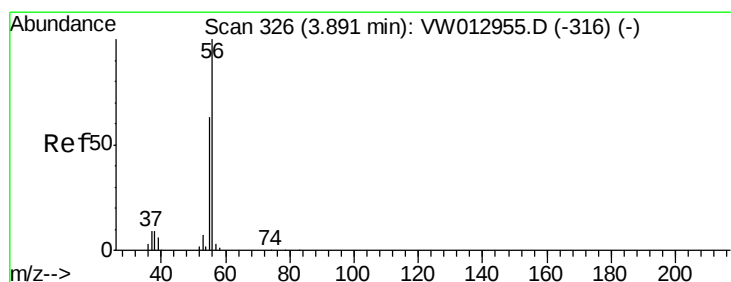
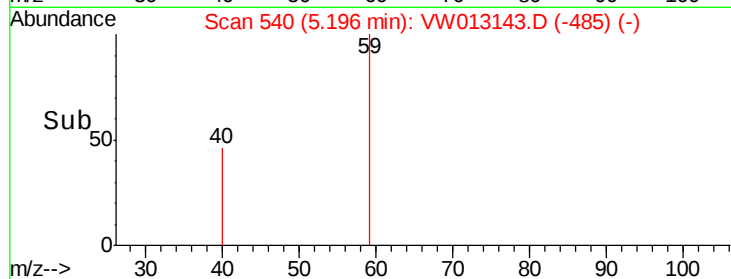
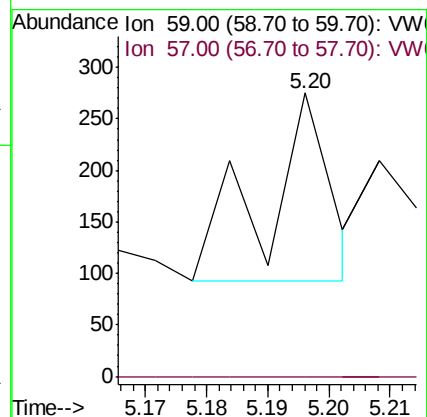
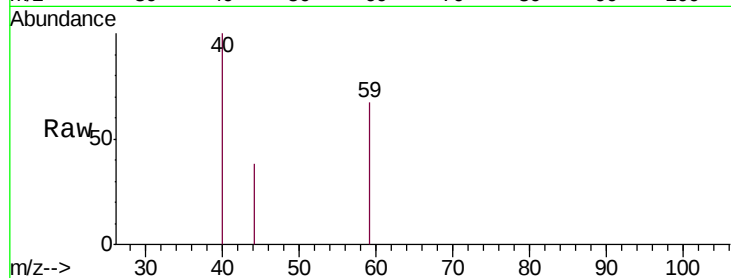


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.20 min Scan# 540
 Delta R.T. 0.04 min
 Lab File: VW013143.D
 Acq: 19 Sep 2019 05:49

Instrument :
 MSVOA_W
 ClientSampled :
 CSA-3-1-3-FT

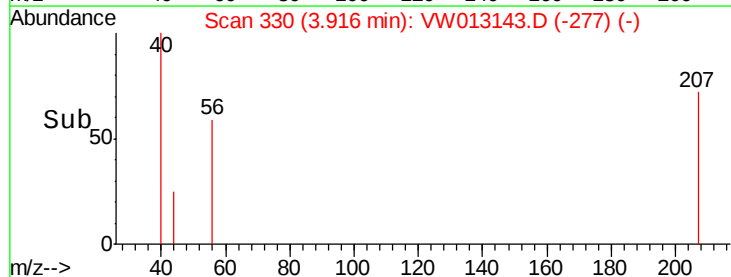
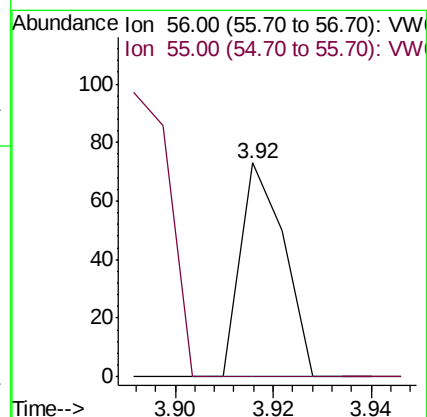
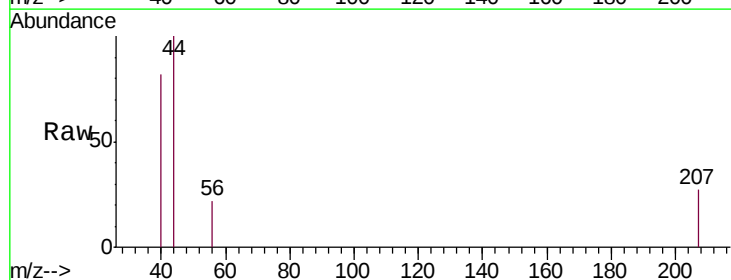
Tgt Ion: 59 Resp: 133
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

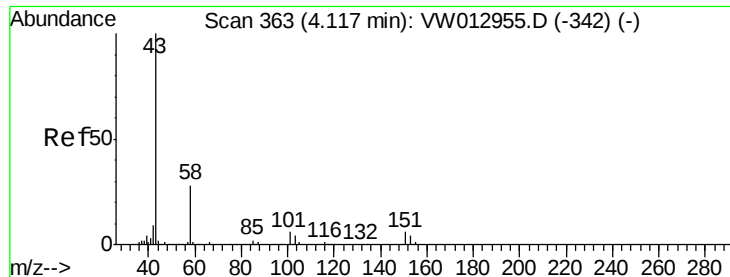


#13

Acrolein
 Concen: Below Cal
 RT: 3.92 min Scan# 330
 Delta R.T. 0.02 min
 Lab File: VW013143.D
 Acq: 19 Sep 2019 05:49

Tgt Ion: 56 Resp: 45
 Ion Ratio Lower Upper
 56 100
 55 0.0 55.8 83.8#





#16

Acetone

Concen: Below Cal

RT: 4.14 min Scan# 367

Delta R.T. 0.03 min

Lab File: VW013143.D

Acq: 19 Sep 2019 05:49

Instrument :

MSVOA_W

ClientSampled :

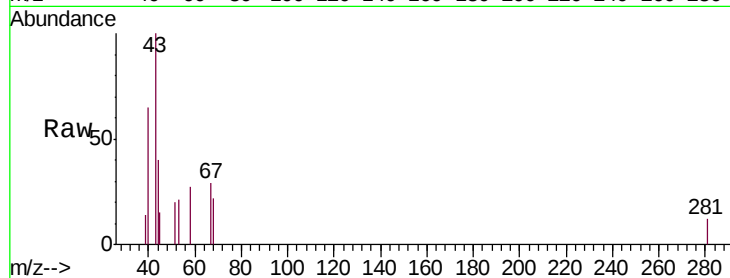
CSA-3-1-3-FT

Tgt Ion: 43 Resp: 895

Ion Ratio Lower Upper

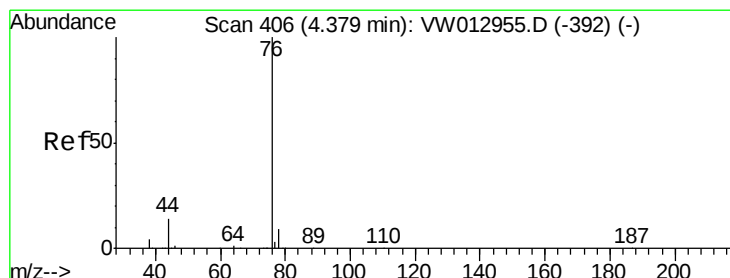
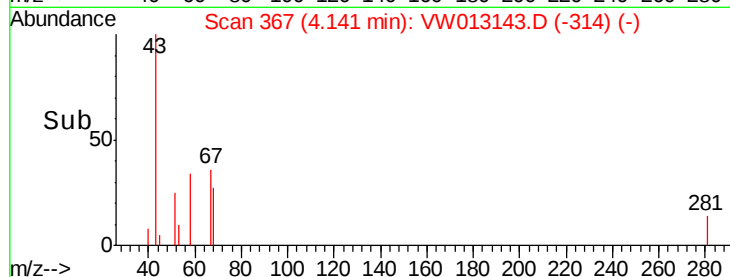
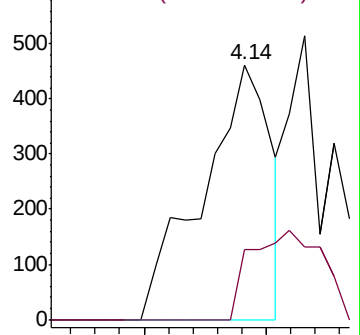
43 100

58 27.5 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#17

Carbon Disulfide

Concen: 1.420 ug/l

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW013143.D

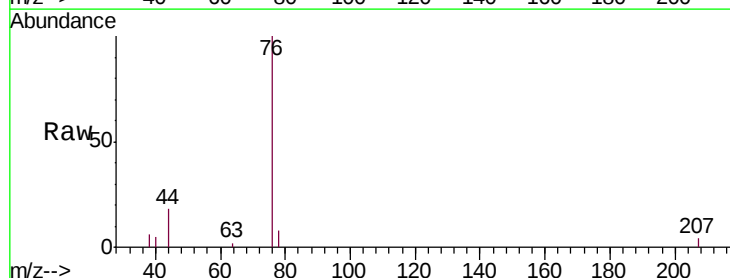
Acq: 19 Sep 2019 05:49

Tgt Ion: 76 Resp: 8185

Ion Ratio Lower Upper

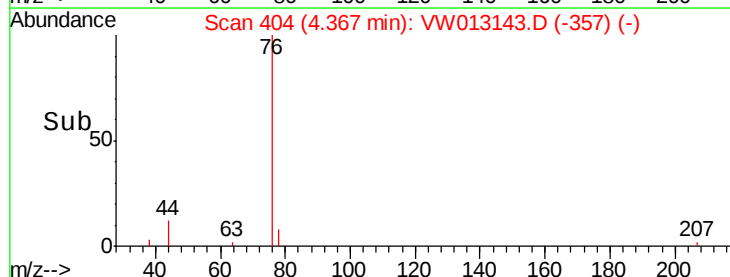
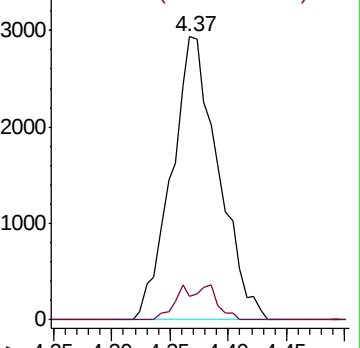
76 100

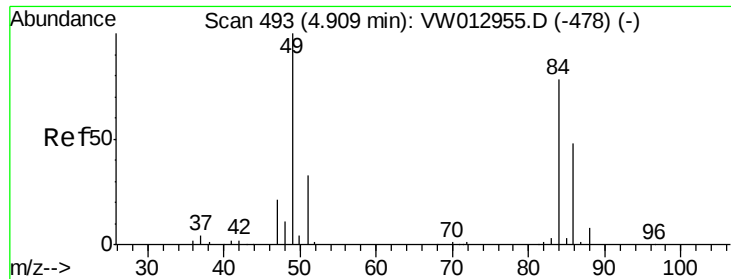
78 8.4 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

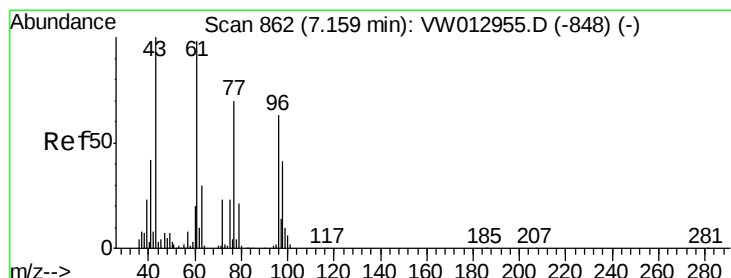
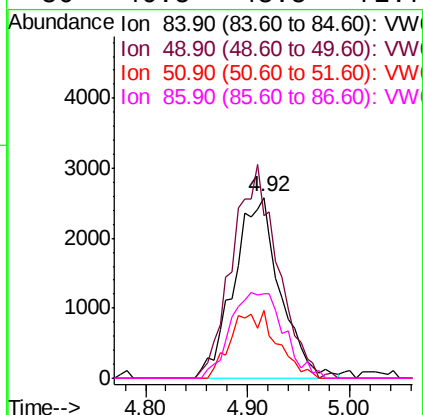
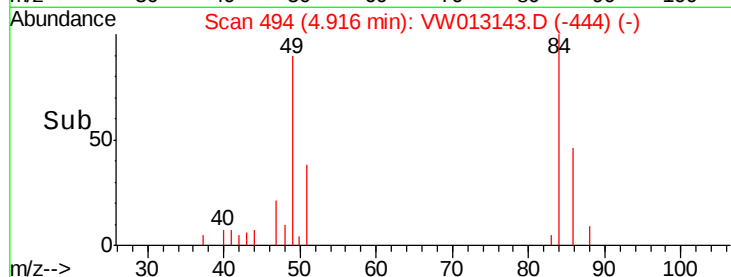
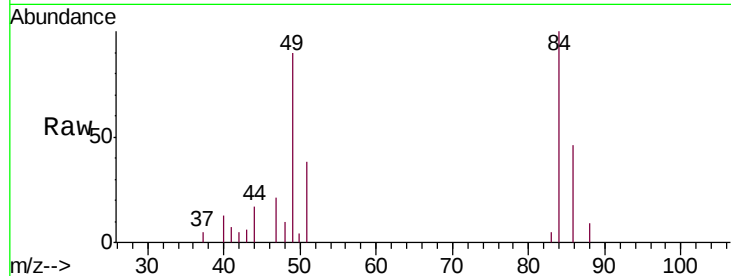




#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW013143.D
Acq: 19 Sep 2019 05:49

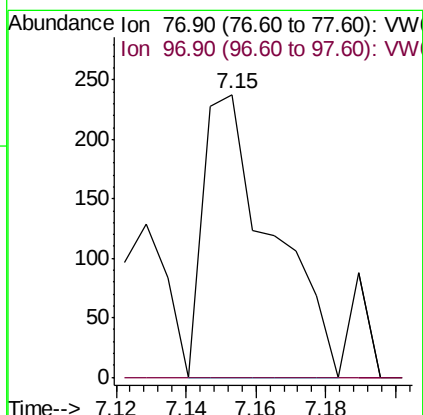
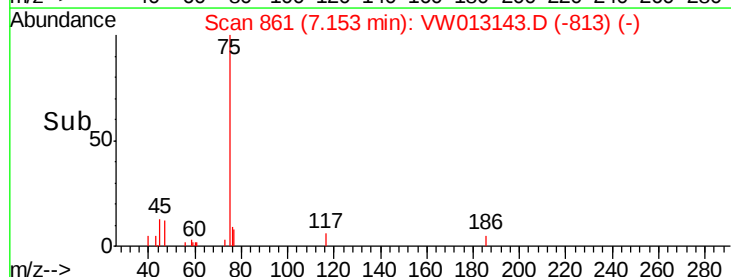
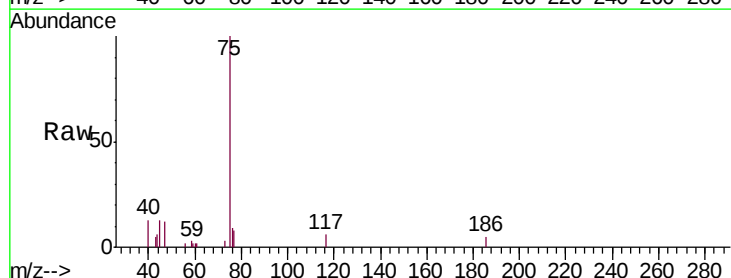
Instrument :
MSVOA_W
ClientSampleId :
CSA-3-1-3-FT

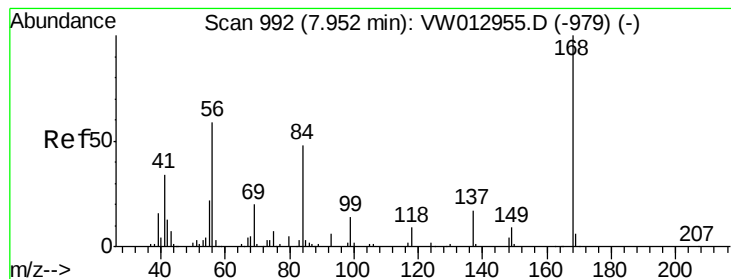
Tgt Ion: 84 Resp: 8138
Ion Ratio Lower Upper
84 100
49 90.0 102.0 153.0#
51 37.6 34.0 51.0
86 46.5 48.5 72.7#



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: VW013143.D
Acq: 19 Sep 2019 05:49

Tgt Ion: 77 Resp: 323
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: VW013143.D

Acq: 19 Sep 2019 05:49

Instrument :

MSVOA_W

ClientSampleId :

CSA-3-1-3-FT

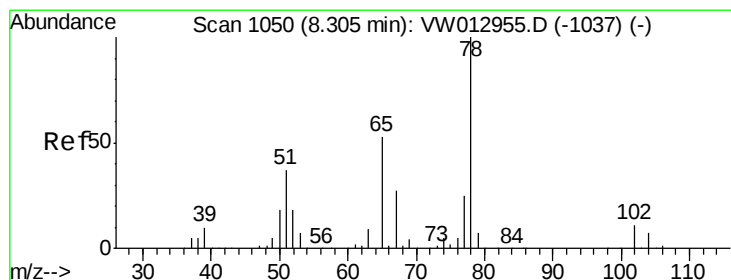
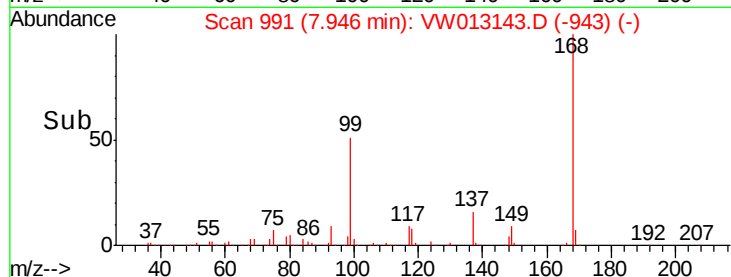
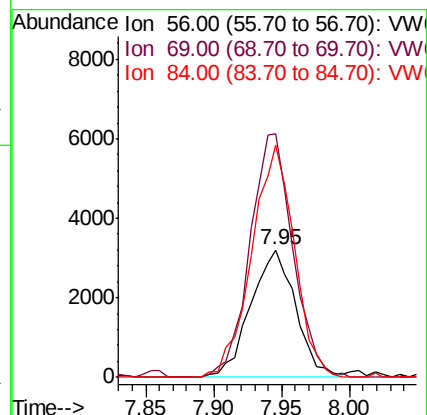
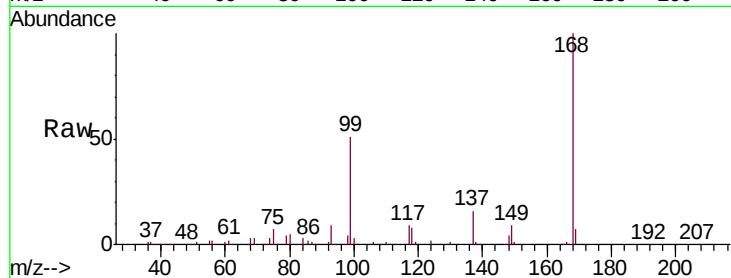
Tgt Ion: 56 Resp: 7384

Ion Ratio Lower Upper

56 100

69 190.7 27.0 40.6#

84 182.2 66.2 99.2#



#33

1,2-Dichloroethane-d4

Concen: 44.678 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013143.D

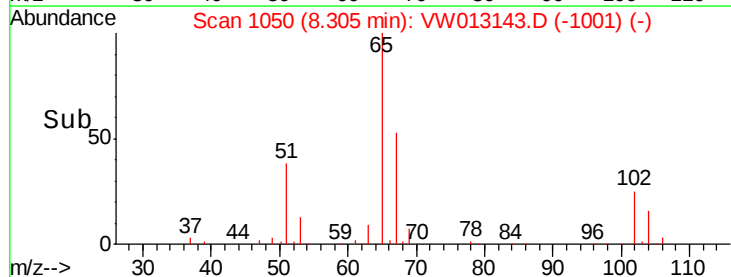
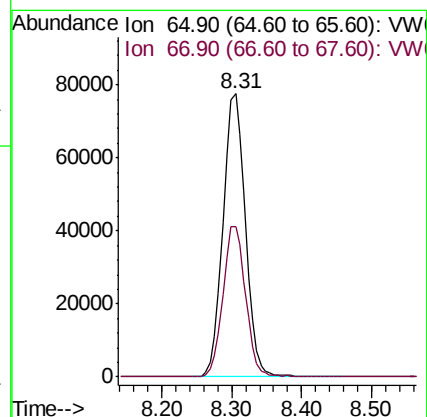
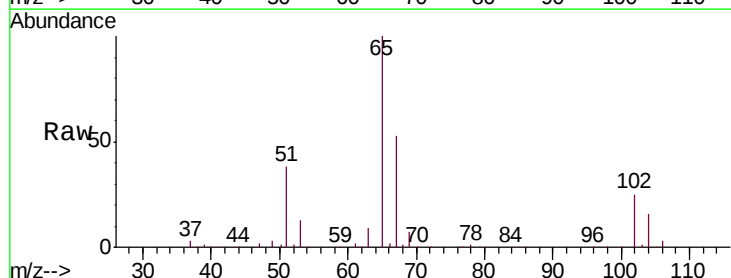
Acq: 19 Sep 2019 05:49

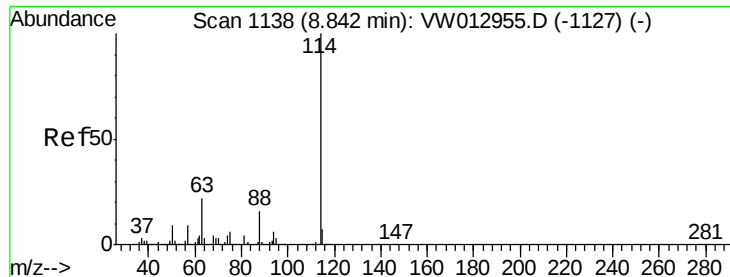
Tgt Ion: 65 Resp: 172887

Ion Ratio Lower Upper

65 100

67 53.9 0.0 101.2

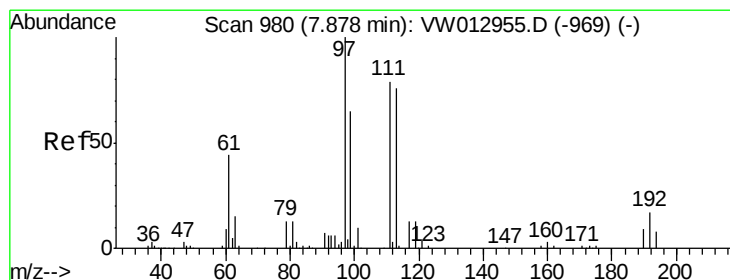
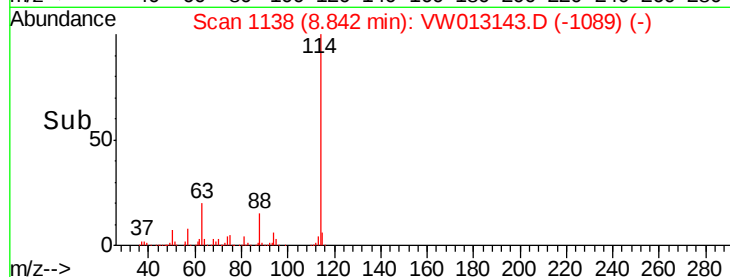
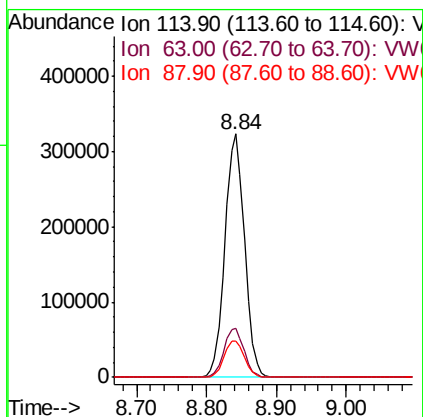
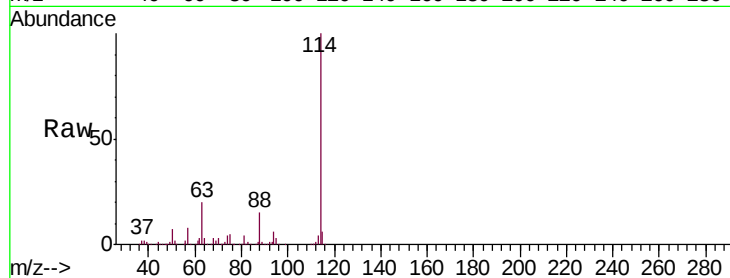




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013143.D
 Acq: 19 Sep 2019 05:49

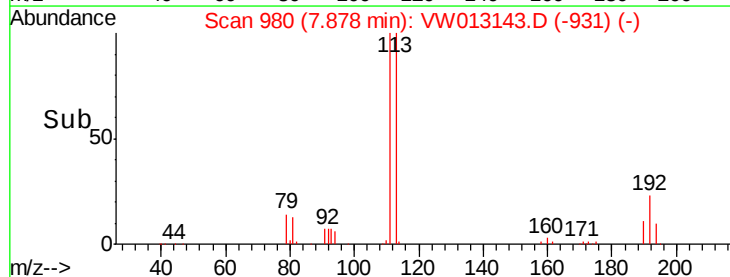
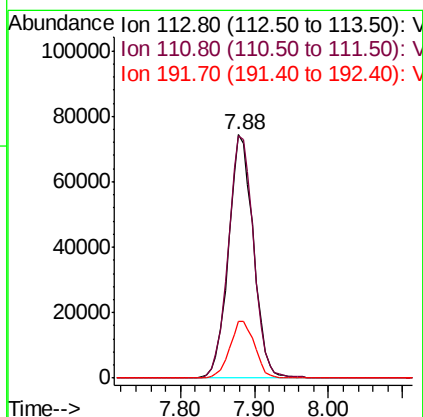
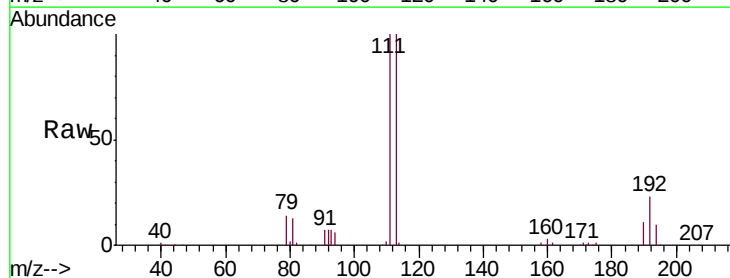
Instrument :
 MSVOA_W
 ClientSampleId :
 CSA-3-1-3-FT

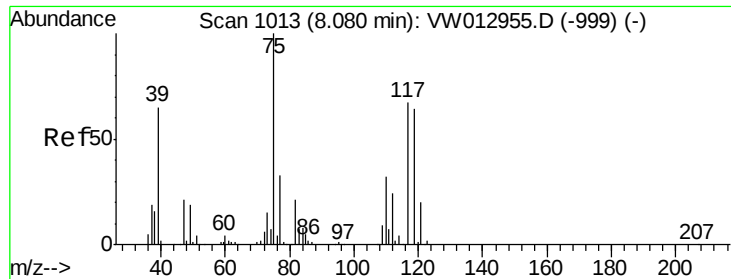
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	43.4
88	15.0	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 50.860 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW013143.D
 Acq: 19 Sep 2019 05:49

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.8	124.2
192	23.4	17.8	26.8

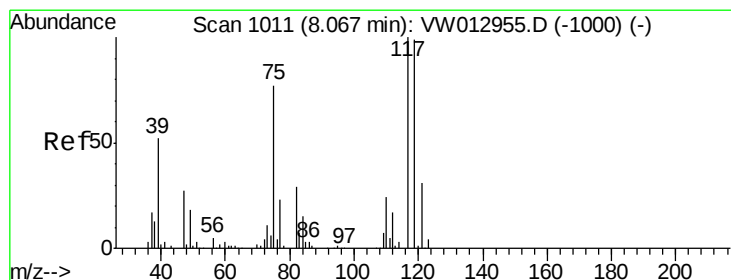
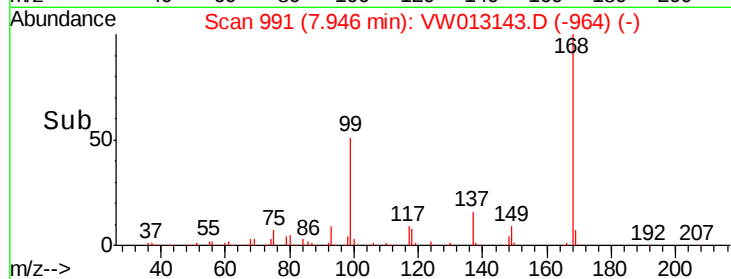
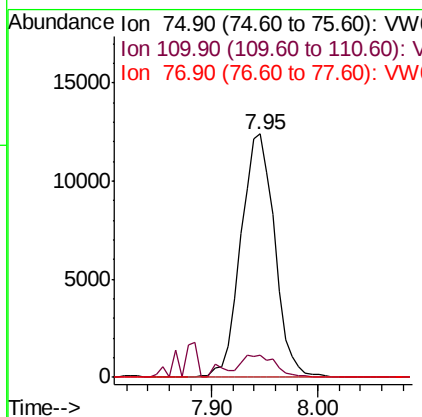
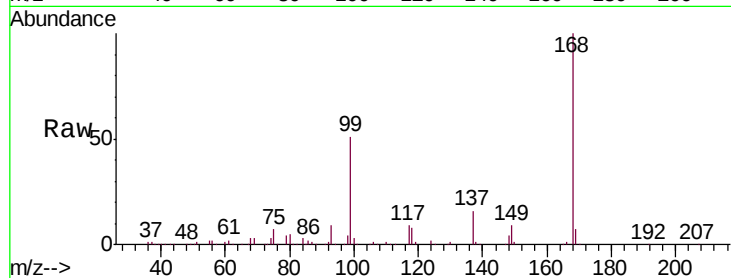




#36
 1,1-Dichloropropene
 Concen: 5.491 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013143.D
 Acq: 19 Sep 2019 05:49

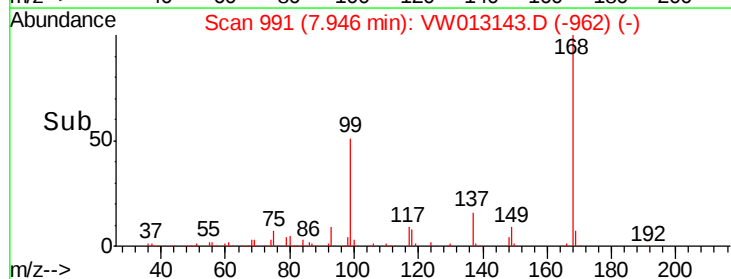
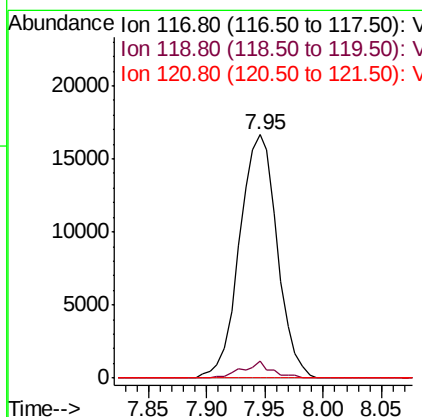
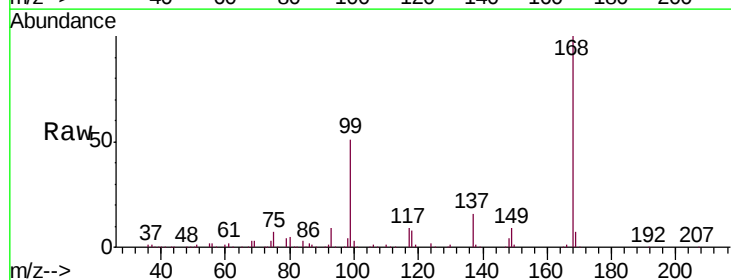
Instrument :
 MSVOA_W
 ClientSampleId :
 CSA-3-1-3-FT

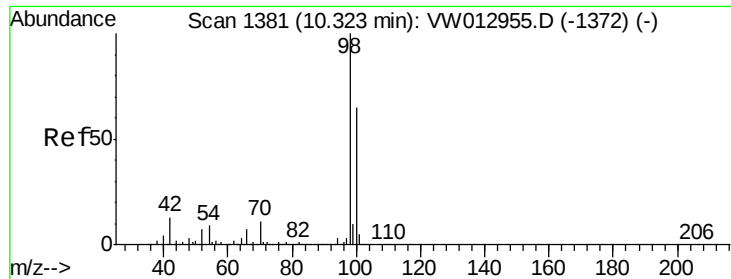
Tgt Ion: 75 Resp: 27654
 Ion Ratio Lower Upper
 75 100
 110 9.0 16.4 49.1#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 7.263 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW013143.D
 Acq: 19 Sep 2019 05:49

Tgt Ion: 117 Resp: 37485
 Ion Ratio Lower Upper
 117 100
 119 7.0 79.4 119.0#
 121 0.0 24.6 36.8#





#50

Toluene-d8

Concen: 52.439 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013143.D

Acq: 19 Sep 2019 05:49

Instrument :

MSVOA_W

ClientSampleId :

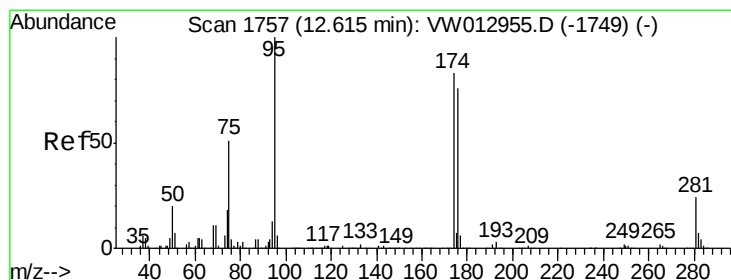
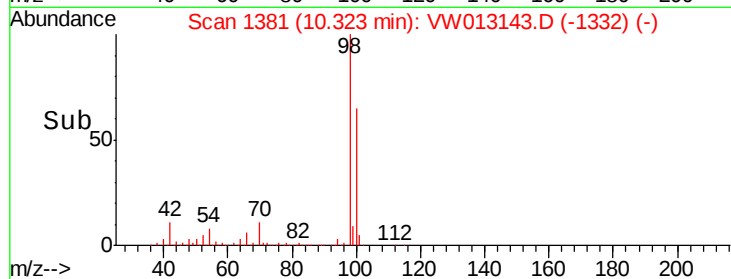
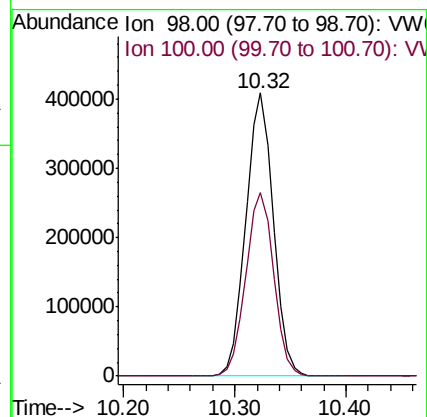
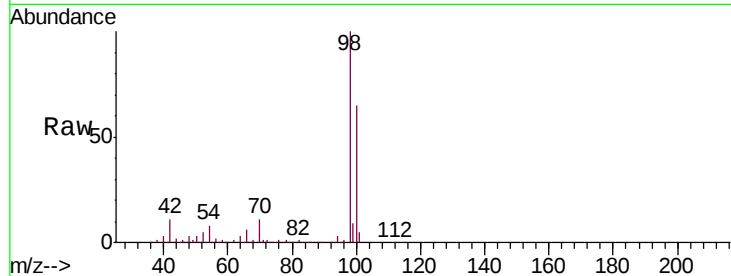
CSA-3-1-3-FT

Tgt Ion: 98 Resp: 701787

Ion Ratio Lower Upper

98 100

100 65.9 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 35.771 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013143.D

Acq: 19 Sep 2019 05:49

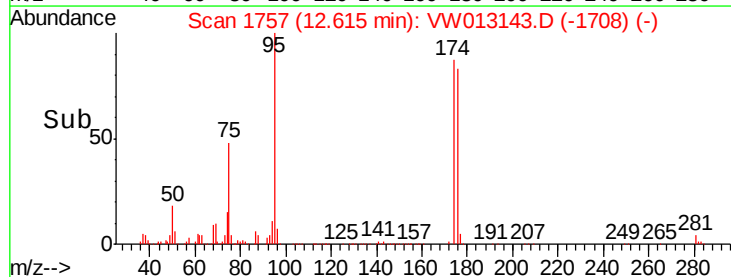
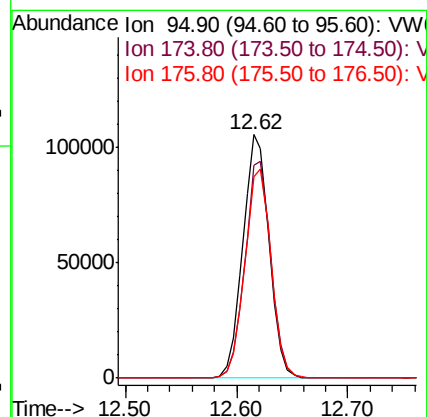
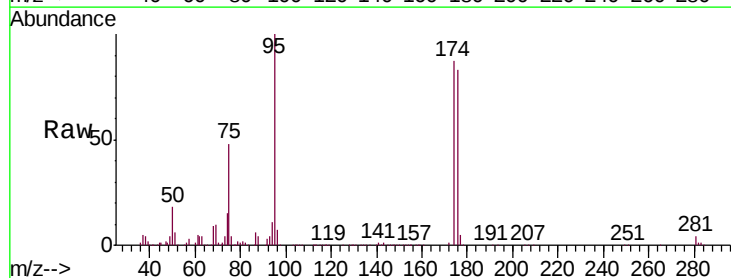
Tgt Ion: 95 Resp: 172135

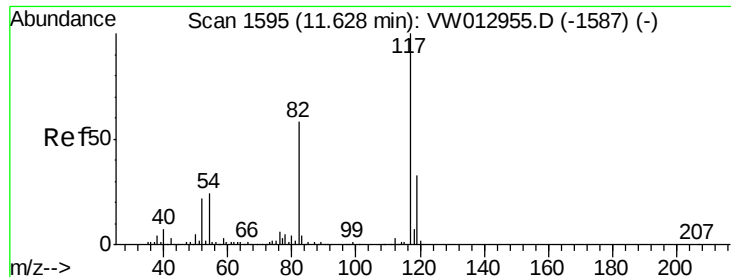
Ion Ratio Lower Upper

95 100

174 88.1 0.0 170.4

176 86.2 0.0 164.6

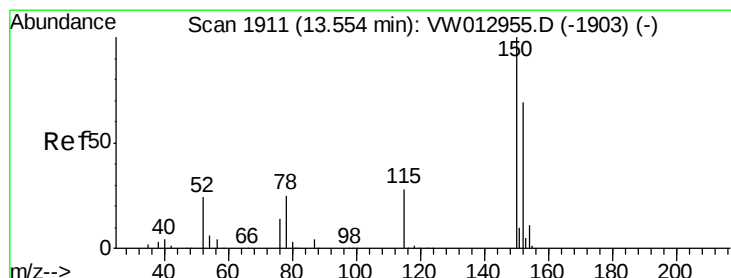
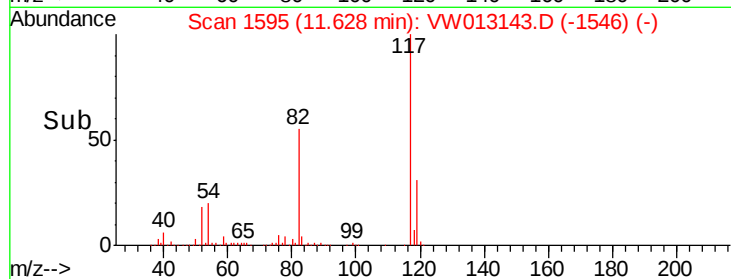
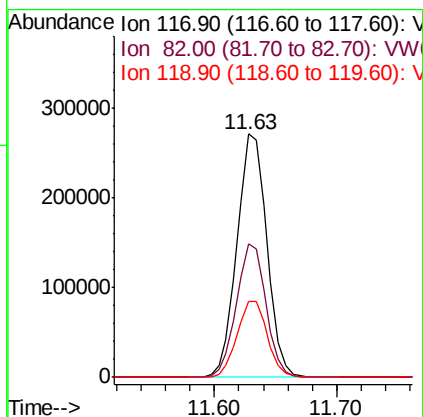
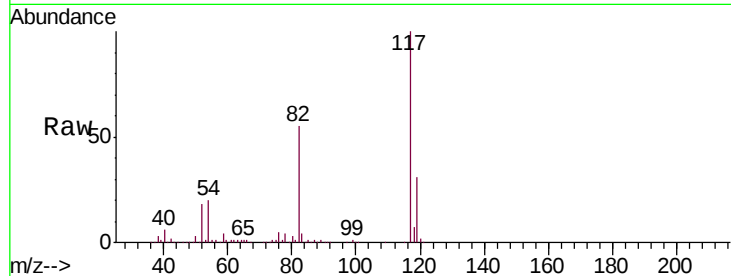




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013143.D
Acq: 19 Sep 2019 05:49

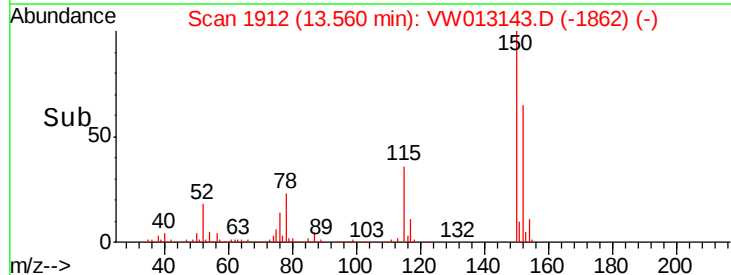
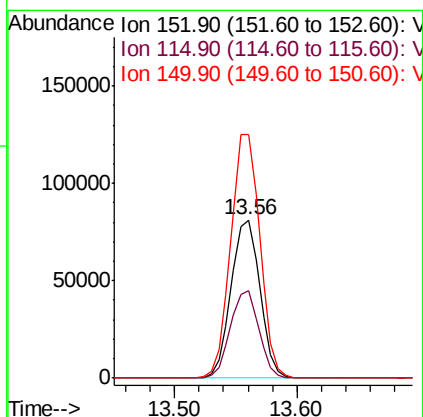
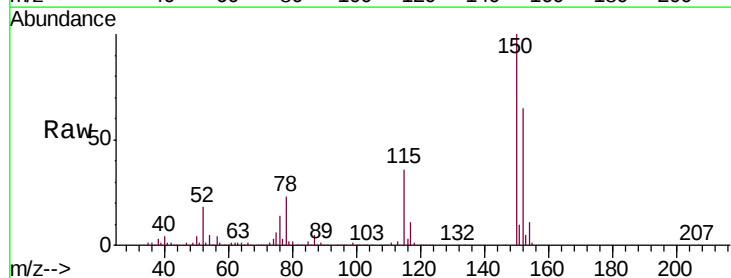
Instrument :
MSVOA_W
ClientSampleId :
CSA-3-1-3-FT

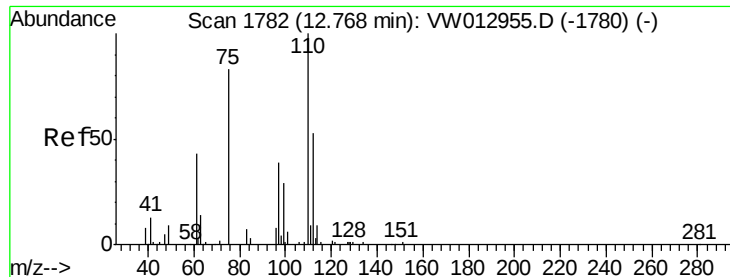
Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.9	46.3	69.5
119	31.4	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.01 min
Lab File: VW013143.D
Acq: 19 Sep 2019 05:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.6	28.8	86.4
150	155.4	0.0	340.2

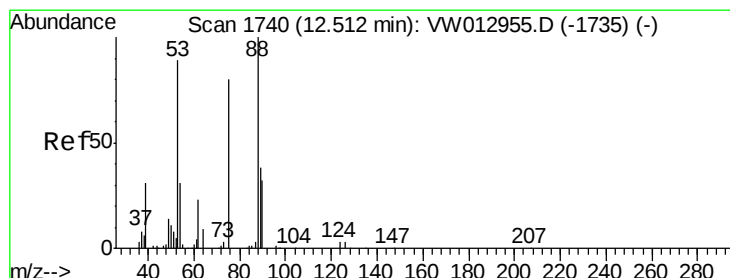
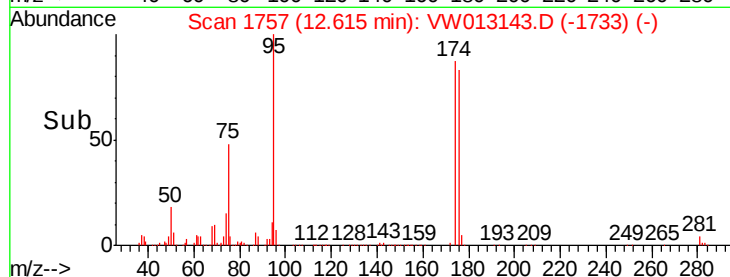
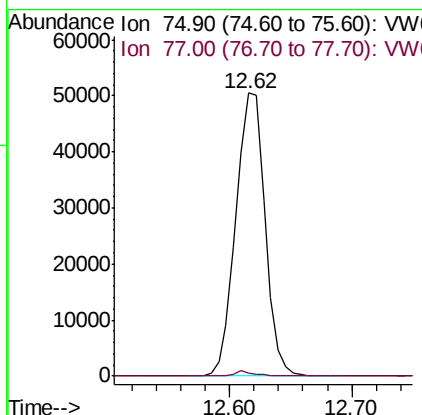
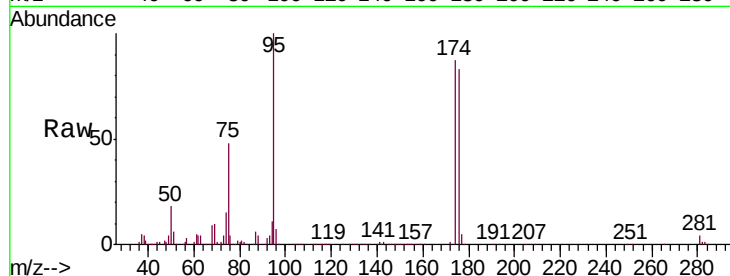




#76
 1,2,3-Trichloropropane
 Concen: 71.843 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW013143.D
 Acq: 19 Sep 2019 05:49

Instrument :
 MSVOA_W
 ClientSampleId :
 CSA-3-1-3-FT

Tgt Ion: 75 Resp: 83478
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 162.975 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW013143.D
 Acq: 19 Sep 2019 05:49

Tgt Ion: 75 Resp: 83478
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.6 128.4#
 89 0.0 37.2 55.8#

