

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091619\
 Data File : VW013039.D
 Acq On : 16 Sep 2019 14:15
 Operator : SY/VA
 Sample : K4852-14RE
 Misc : 6.16G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 16 15:12:52 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	296484	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	452397	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	380021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	164850	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	148518	54.24	ug/l	0.00
Spiked Amount			Recovery	=	108.48%	
35) Dibromofluoromethane	7.88	113	129504	52.76	ug/l	0.00
Spiked Amount			Recovery	=	105.52%	
50) Toluene-d8	10.32	98	527287	54.89	ug/l	0.00
Spiked Amount			Recovery	=	109.78%	
62) 4-Bromofluorobenzene	12.62	95	169494	49.07	ug/l	0.00
Spiked Amount			Recovery	=	98.14%	

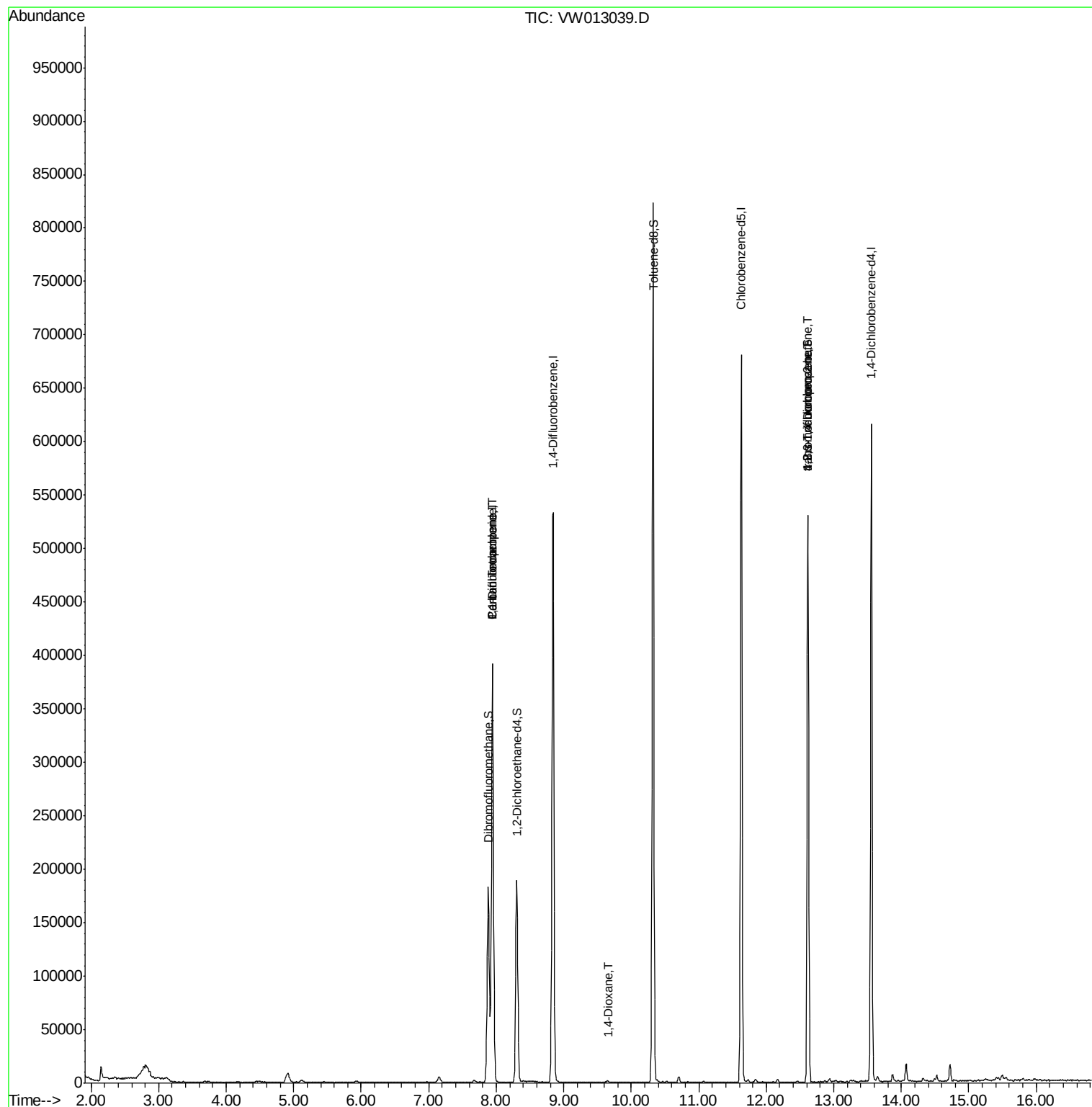
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.21	50	385	Below Cal	#	41
11) Tert butyl alcohol	5.12	59	2239	Below Cal	#	72
13) Acrolein	3.89	56	46	Below Cal	#	15
16) Acetone	4.14	43	609	Below Cal		93
20) Methylene Chloride	4.92	84	6726	Below Cal		90
26) 2,2-Dichloropropane	7.15	77	154	Below Cal	#	55
31) Cyclohexane	7.94	56	5967	Below Cal	#	1
36) 1,1-Dichloropropene	7.95	75	22753	6.294	ug/l #	51
38) Carbon Tetrachloride	7.95	117	27947	7.544	ug/l #	15
49) 1,4-Dioxane	9.67	88	25	1.161	ug/l #	20
76) 1,2,3-Trichloropropane	12.62	75	87508	60.603	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	87508	137.477	ug/l #	7

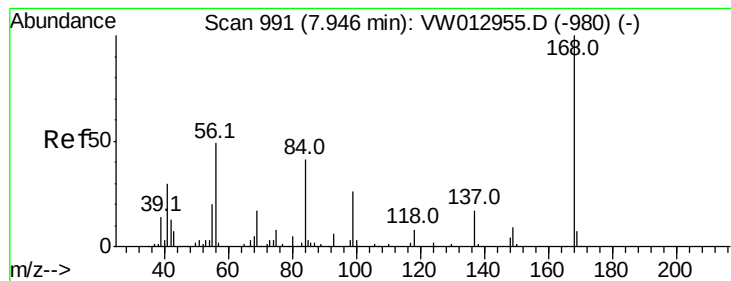
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091619\
Data File : VW013039.D
Acq On : 16 Sep 2019 14:15
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Misc : 6.16G/5ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Sep 16 15:12:52 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 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: VW013039.D

Acq: 16 Sep 2019 14:15

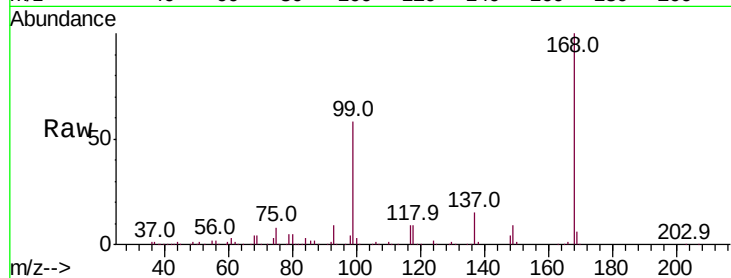
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 296484

Ion Ratio Lower Upper

168 100

99 57.5 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

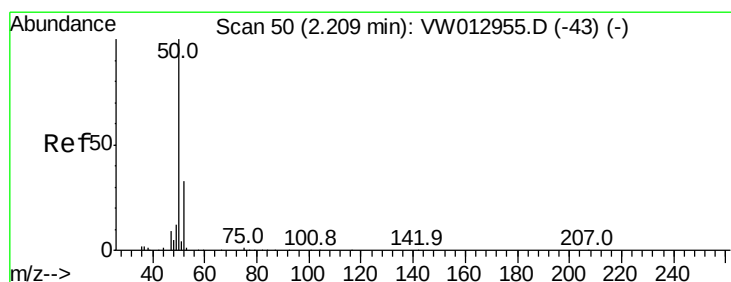
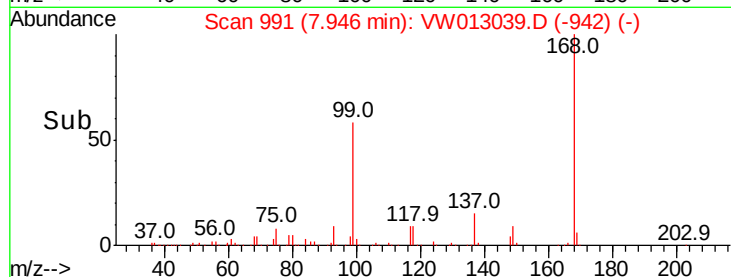
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#3

Chloromethane

Concen: Below Cal

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW013039.D

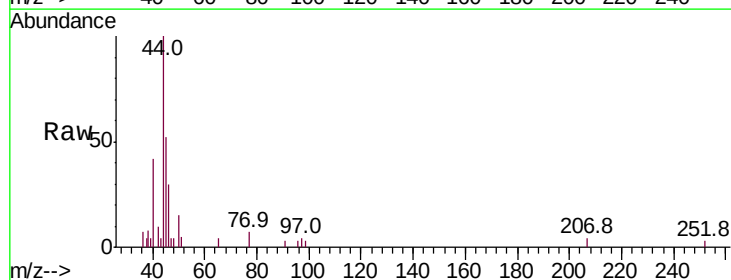
Acq: 16 Sep 2019 14:15

Tgt Ion: 50 Resp: 385

Ion Ratio Lower Upper

50 100

52 0.0 26.6 39.8#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

300

250

200

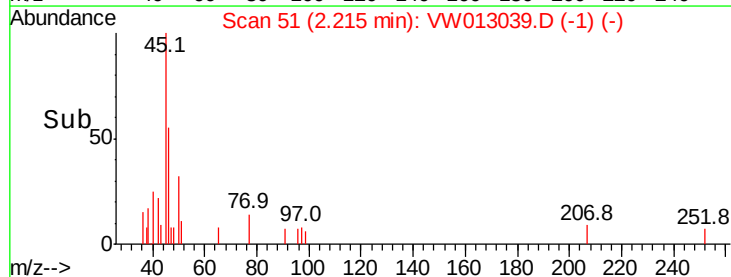
150

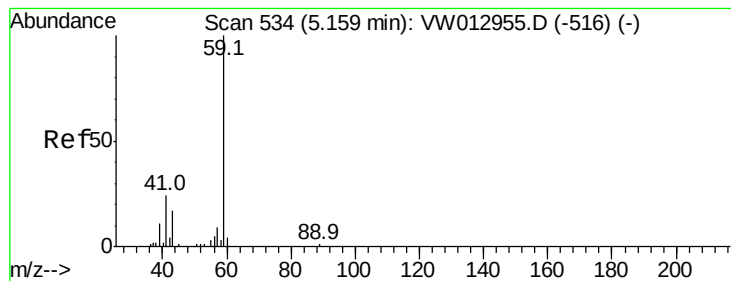
100

50

0

Time--> 2.20 2.25



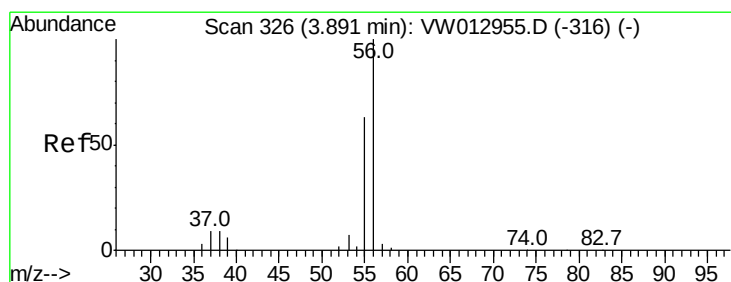
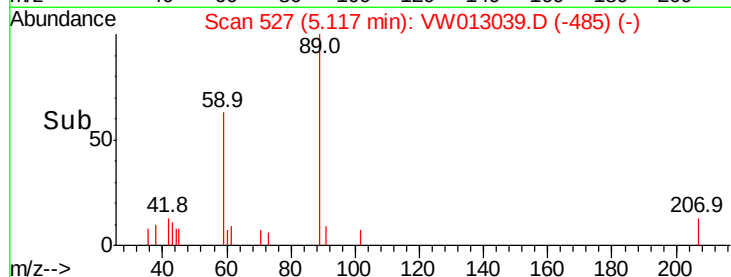
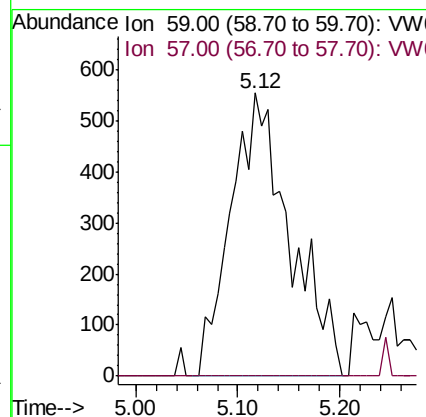
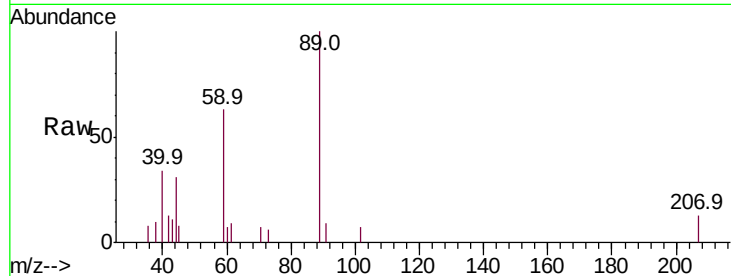


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.12 min Scan# 527
Delta R.T. -0.04 min
Lab File: VW013039.D
Acq: 16 Sep 2019 14:15

Instrument :
MSVOA_W
ClientSampled :

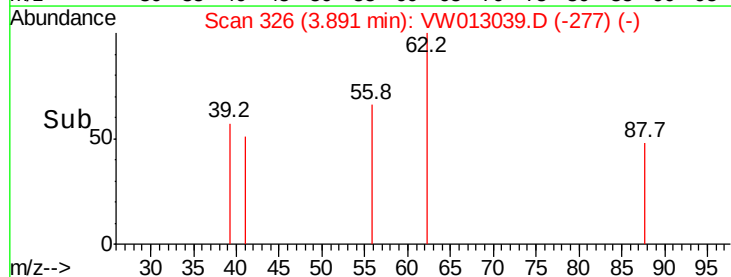
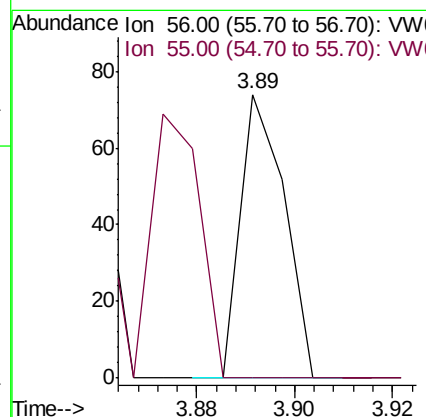
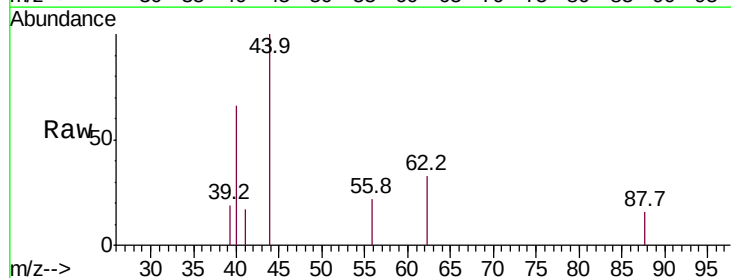
Tot Ion: 59 Resp: 2239
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

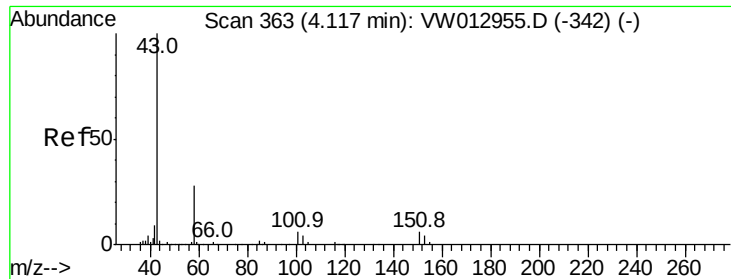


#13

Acrolein
Concen: Below Cal
RT: 3.89 min Scan# 326
Delta R.T. 0.00 min
Lab File: VW013039.D
Acq: 16 Sep 2019 14:15

Tgt Ion: 56 Resp: 46
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.8#

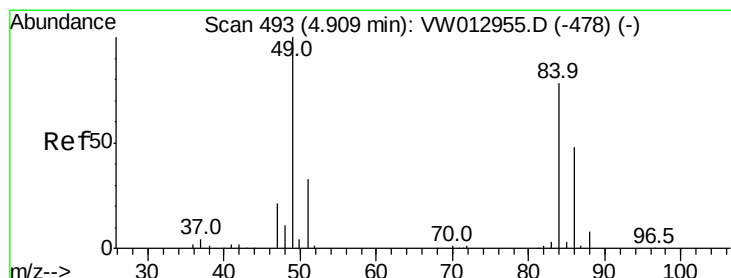
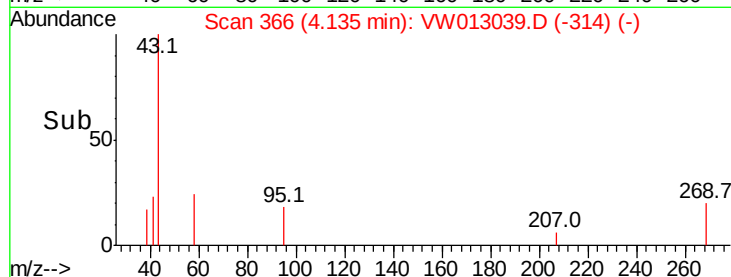
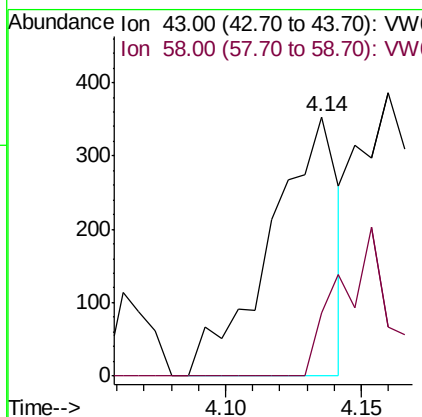
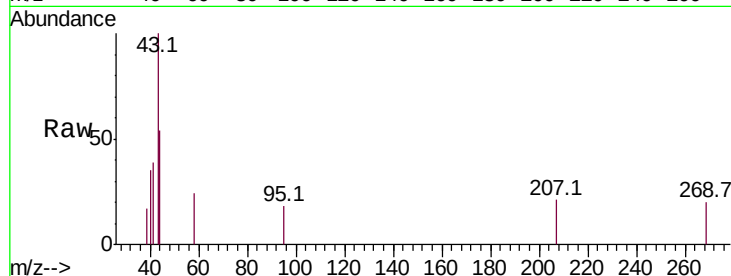




#16
Acetone
Concen: Below Cal
RT: 4.14 min Scan# 366
Delta R.T. 0.02 min
Lab File: VW013039.D
Acq: 16 Sep 2019 14:15

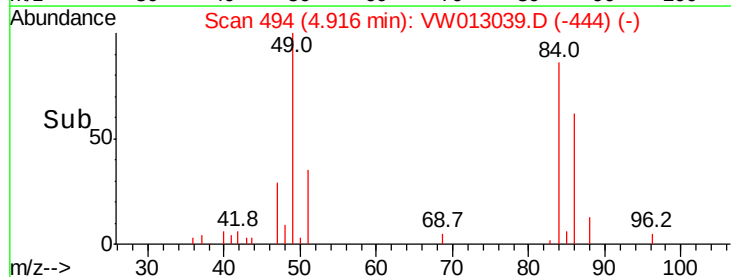
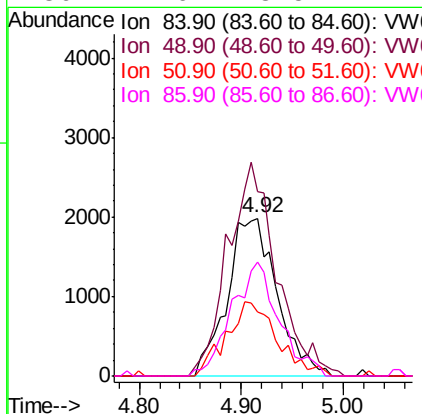
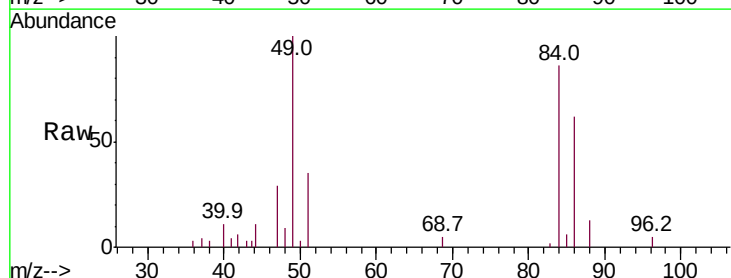
Instrument :
MSVOA_W
ClientSampleId :

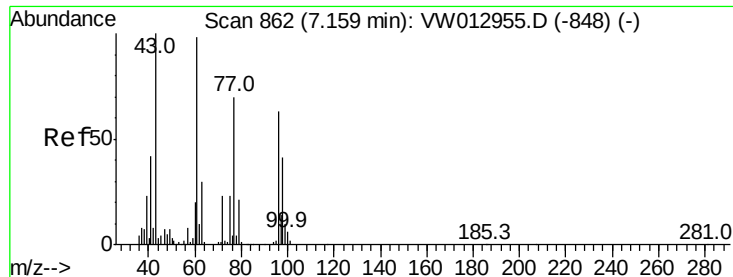
Tot Ion: 43 Resp: 609
Ion Ratio Lower Upper
43 100
58 24.1 22.3 33.5



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW013039.D
Acq: 16 Sep 2019 14:15

Tgt Ion: 84 Resp: 6726
Ion Ratio Lower Upper
84 100
49 116.9 102.0 153.0
51 40.8 34.0 51.0
86 72.6 48.5 72.7

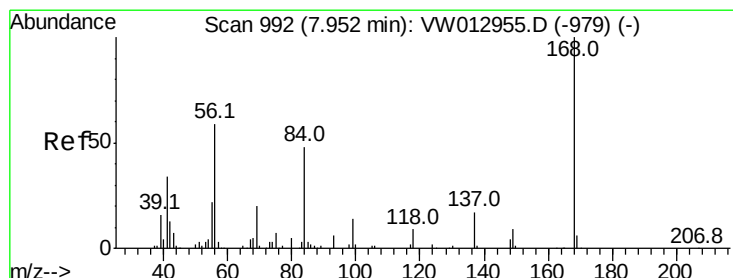
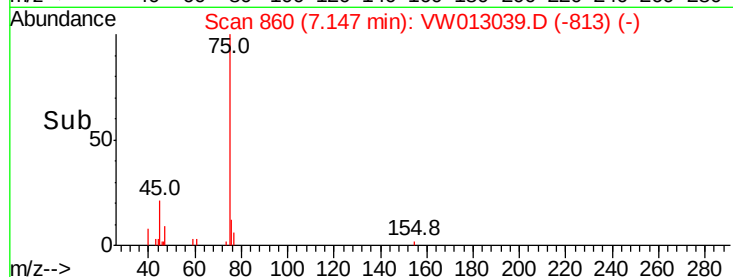
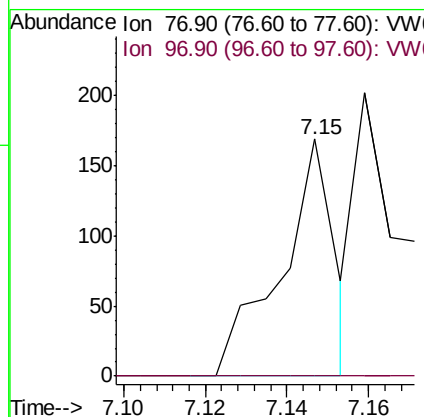
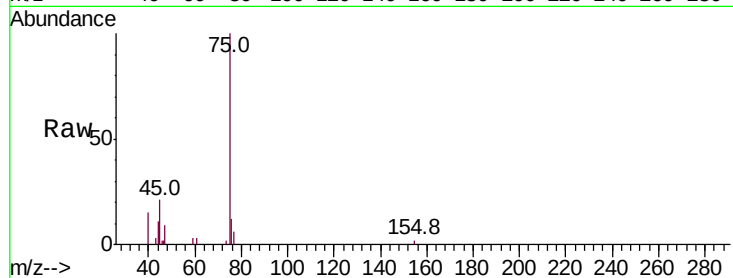




#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: VW013039.D
Acq: 16 Sep 2019 14:15

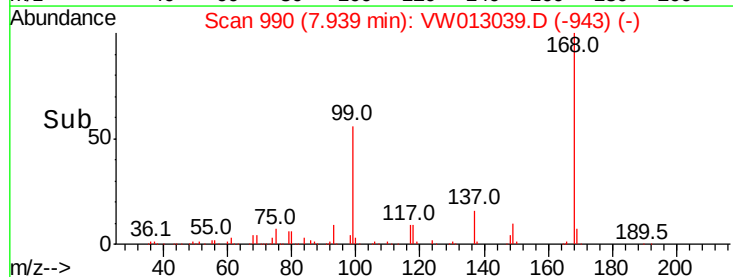
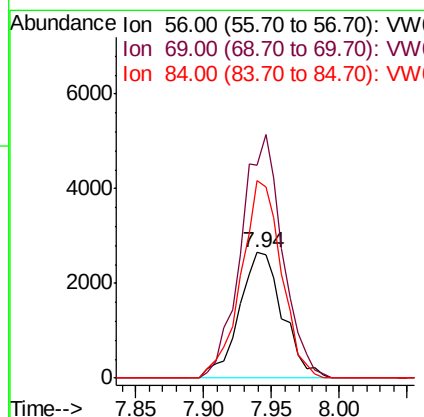
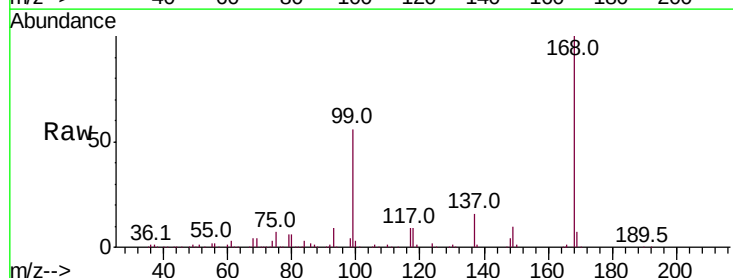
Instrument :
MSVOA_W
ClientSampled :

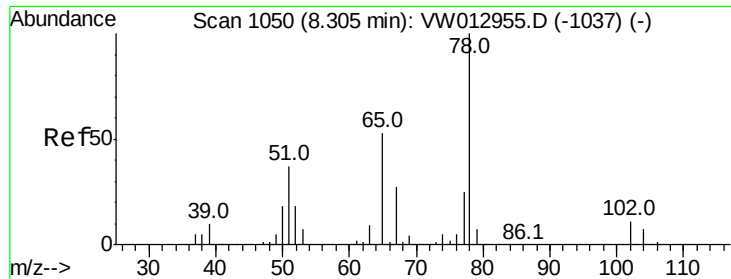
Tot Ion: 77 Resp: 154
Ion Ratio Lower Upper
77 100
97 0.0 10.7 32.1#



#31
Cyclohexane
Concen: Below Cal
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW013039.D
Acq: 16 Sep 2019 14:15

Tgt Ion: 56 Resp: 5967
Ion Ratio Lower Upper
56 100
69 169.4 27.0 40.6#
84 157.5 66.2 99.2#

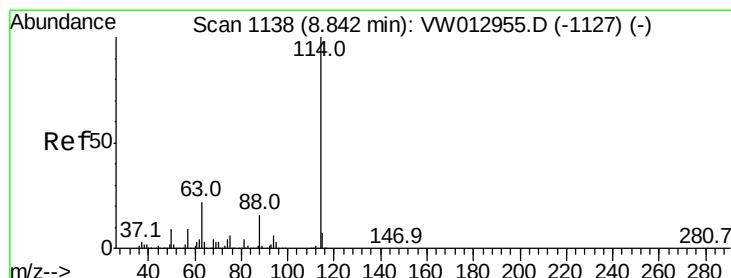
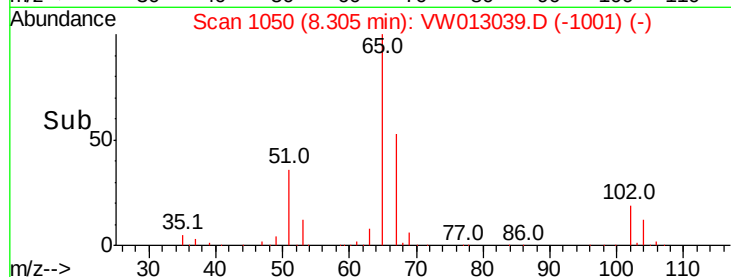
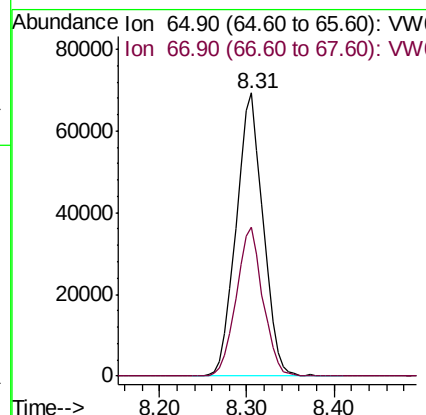
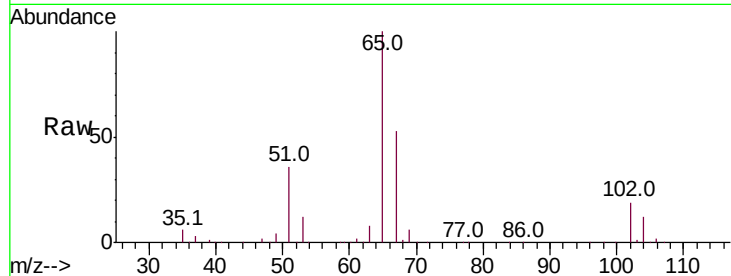




#33
 1,2-Dichloroethane-d4
 Concen: 54.238 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW013039.D
 Acq: 16 Sep 2019 14:15

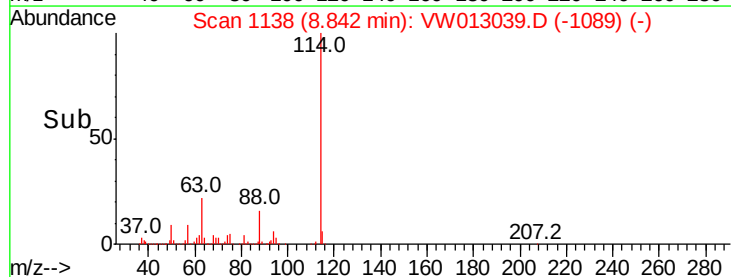
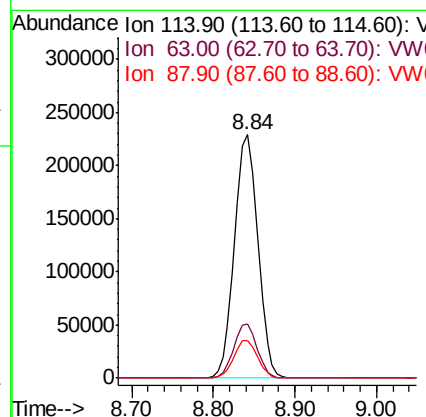
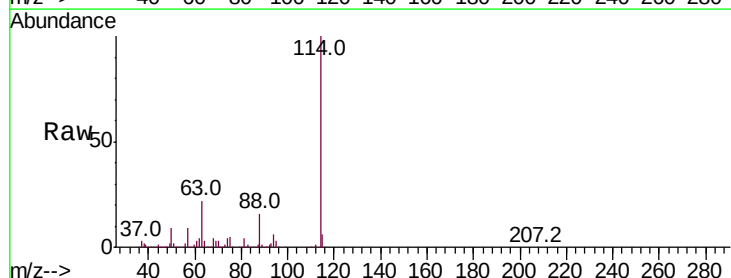
Instrument :
 MSVOA_W
 ClientSampleId :

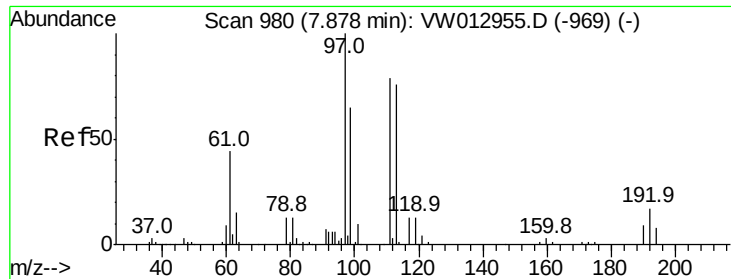
Tot Ion: 65 Resp: 148518
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013039.D
 Acq: 16 Sep 2019 14:15

Tgt Ion: 114 Resp: 452397
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.4
 88 15.6 0.0 31.6

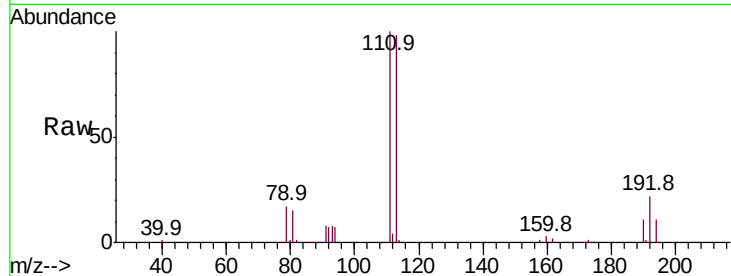




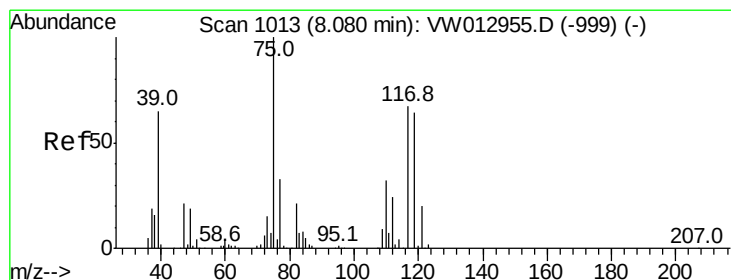
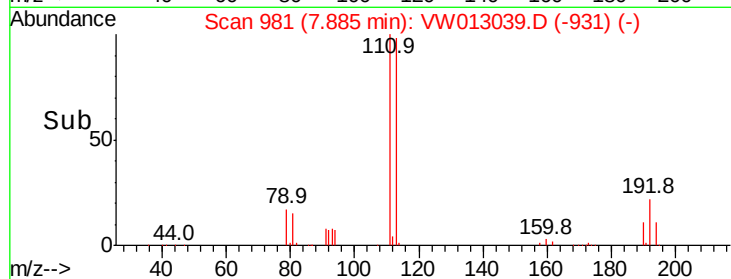
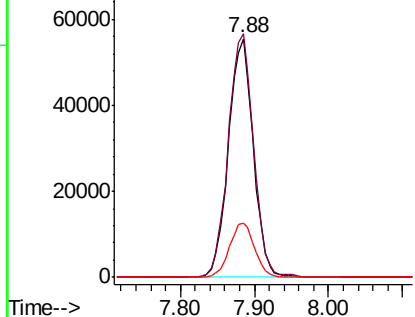
#35
 Dibromofluoromethane
 Concen: 52.756 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW013039.D
 Acq: 16 Sep 2019 14:15

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.8	124.2
192	22.9	17.8	26.8

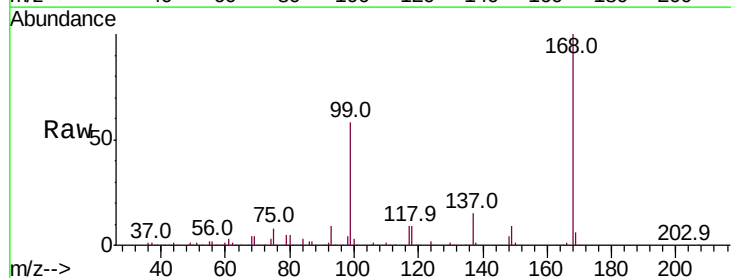


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

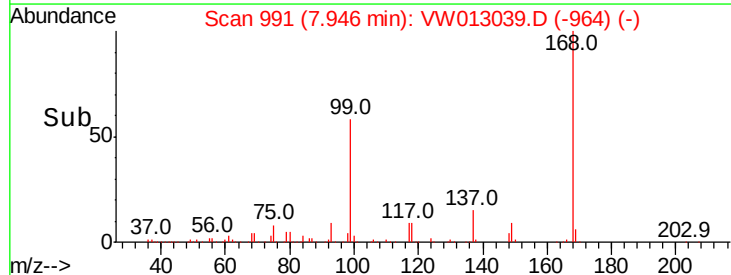
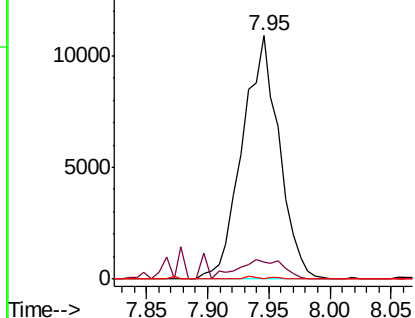


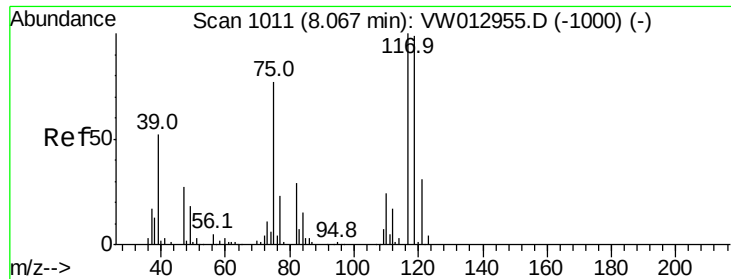
#36
 1,1-Dichloropropene
 Concen: 6.294 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013039.D
 Acq: 16 Sep 2019 14:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.8	16.4	49.1#
77	0.2	25.1	37.7#



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

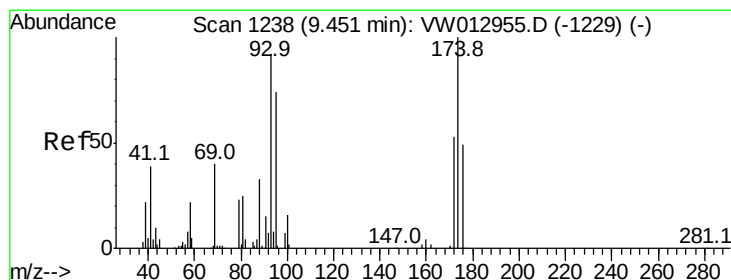
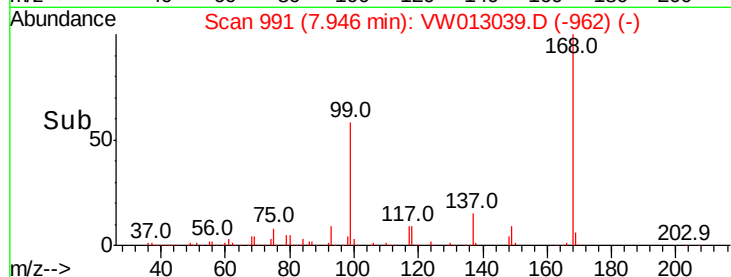
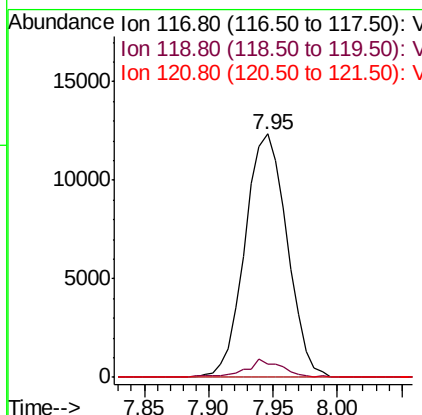
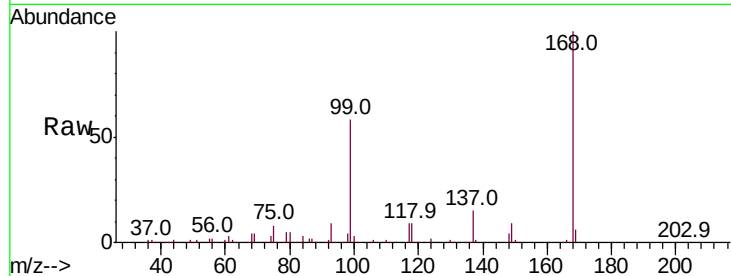




#38
Carbon Tetrachloride
Concen: 7.544 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW013039.D
Acq: 16 Sep 2019 14:15

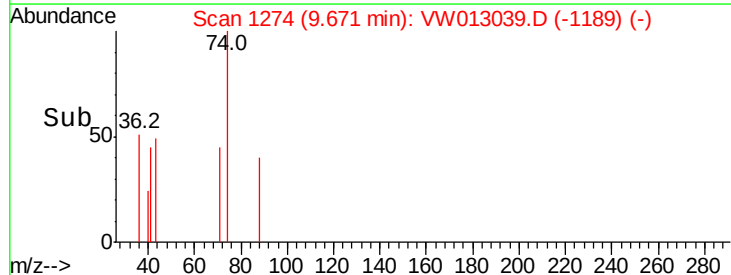
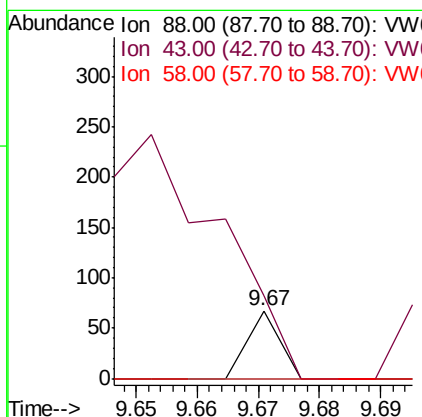
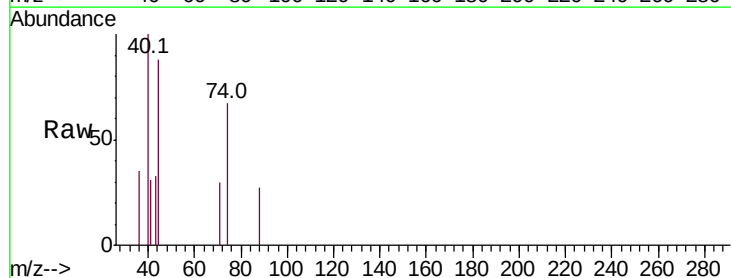
Instrument :
MSVOA_W
ClientSampleId :

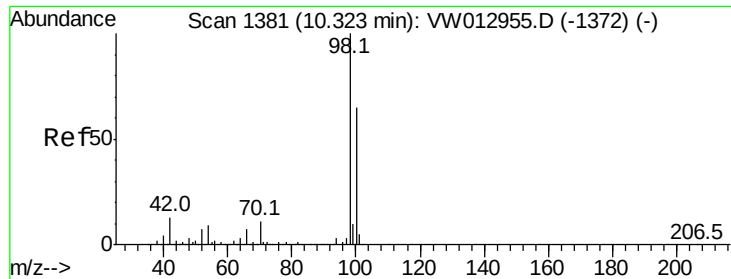
Tot Ion:117 Resp: 27947
Ion Ratio Lower Upper
117 100
119 5.2 79.4 119.0#
121 0.0 24.6 36.8#



#49
1,4-Dioxane
Concen: 1.161 ug/l
RT: 9.67 min Scan# 1274
Delta R.T. 0.22 min
Lab File: VW013039.D
Acq: 16 Sep 2019 14:15

Tgt Ion: 88 Resp: 25
Ion Ratio Lower Upper
88 100
43 0.0 31.3 46.9#
58 0.0 60.2 90.2#

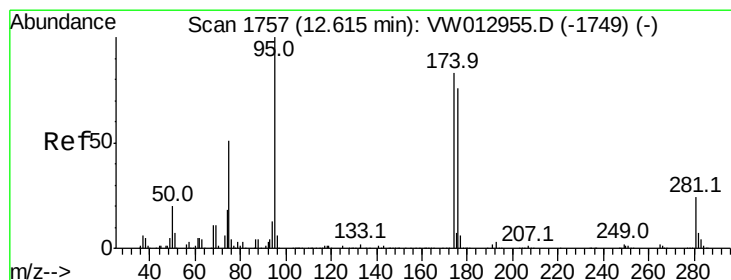
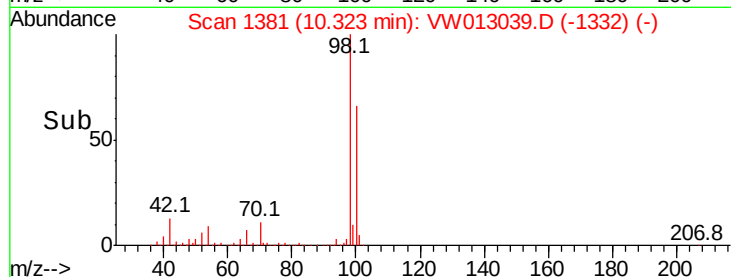
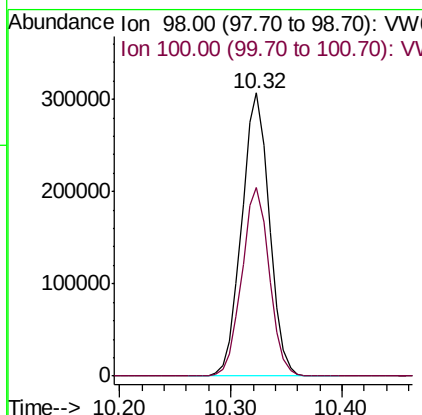
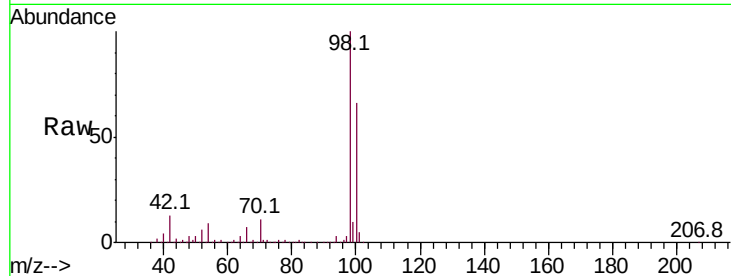




#50
Toluene-d8
Concen: 54.893 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013039.D
Acq: 16 Sep 2019 14:15

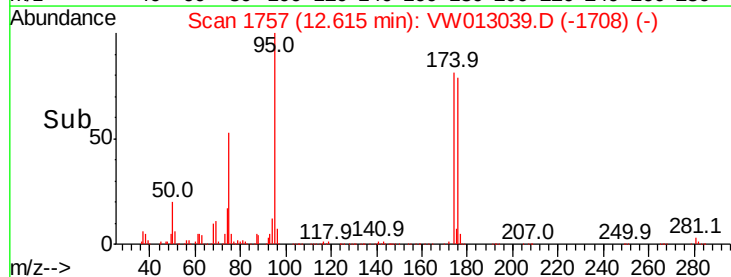
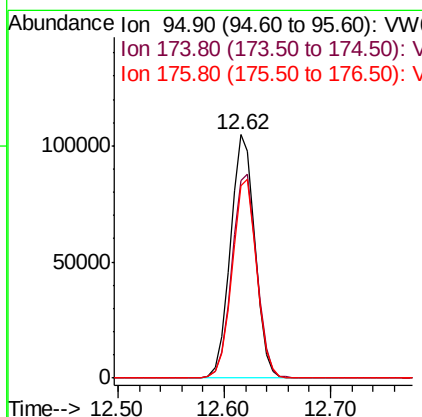
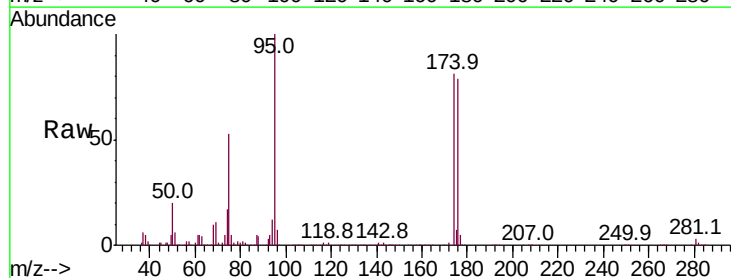
Instrument :
MSVOA_W
ClientSampleId :

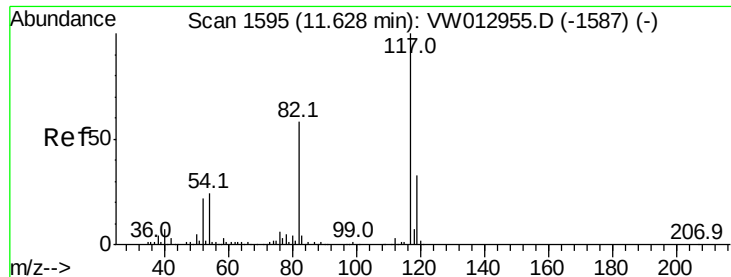
Tot Ion: 98 Resp: 527287
Ion Ratio Lower Upper
98 100
100 66.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 49.072 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013039.D
Acq: 16 Sep 2019 14:15

Tgt Ion: 95 Resp: 169494
Ion Ratio Lower Upper
95 100
174 85.0 0.0 170.4
176 81.9 0.0 164.6

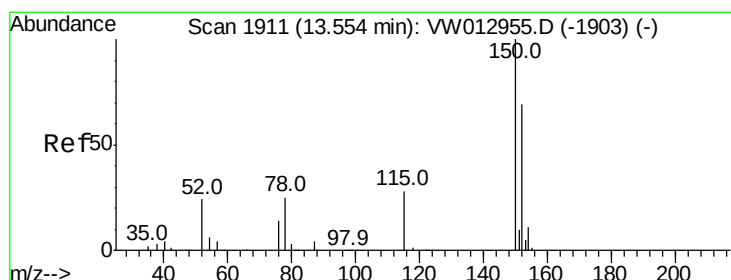
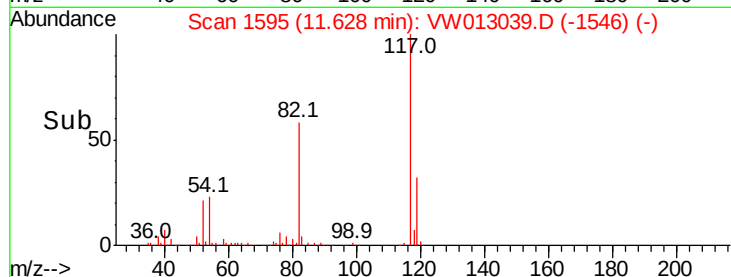
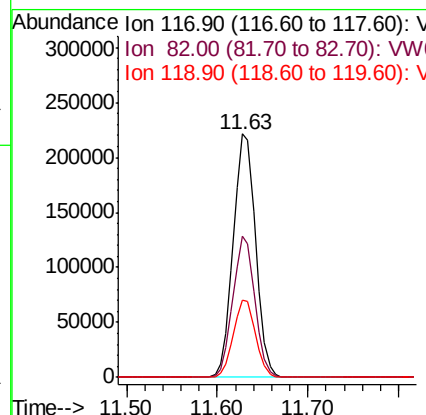
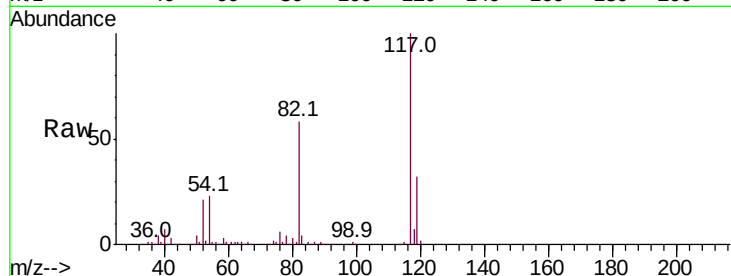




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013039.D
Acq: 16 Sep 2019 14:15

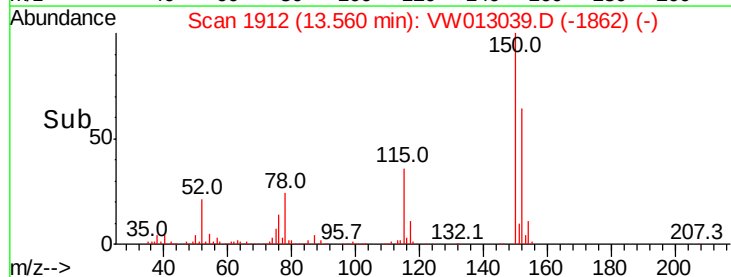
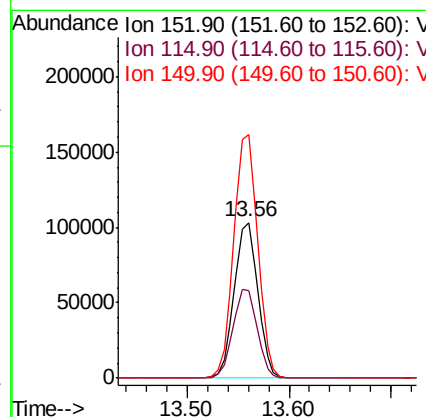
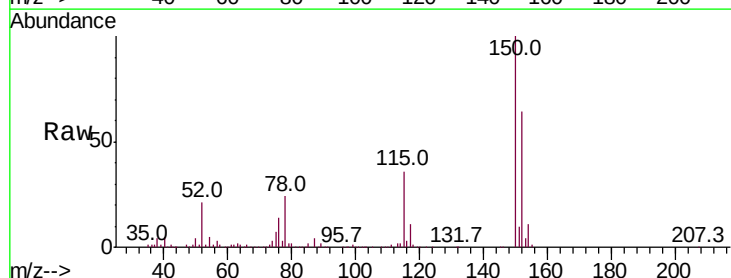
Instrument :
MSVOA_W
ClientSampled :

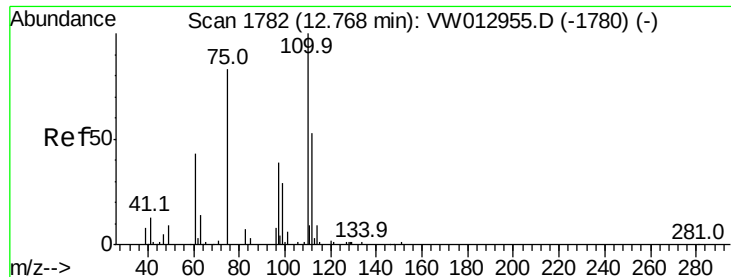
Tot Ion:117 Resp: 380021
Ion Ratio Lower Upper
117 100
82 58.1 46.3 69.5
119 31.8 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.01 min
Lab File: VW013039.D
Acq: 16 Sep 2019 14:15

Tgt Ion:152 Resp: 164850
Ion Ratio Lower Upper
152 100
115 58.1 28.8 86.4
150 158.6 0.0 340.2



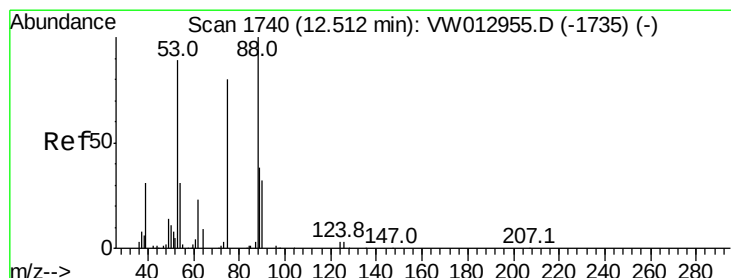
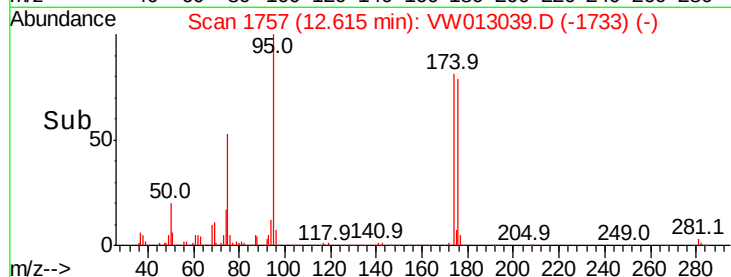
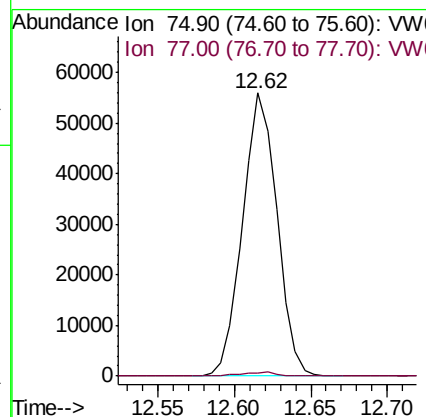
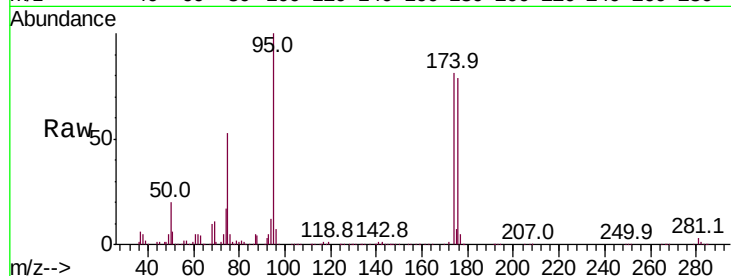


#76

1,2,3-Trichloropropane
Concen: 60.603 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW013039.D
Acq: 16 Sep 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 75 Resp: 87508
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene
Concen: 137.477 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW013039.D
Acq: 16 Sep 2019 14:15

Tgt Ion: 75 Resp: 87508
Ion Ratio Lower Upper
75 100
53 0.2 85.6 128.4#
89 0.0 37.2 55.8#

