

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100819\
 Data File : VW013492.D
 Acq On : 08 Oct 2019 17:38
 Operator : SY/VA
 Sample : K5213-07RE
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 09 06:03:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 05:54:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	279466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	413318	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	334424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	148211	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	110567	51.21	ug/l	0.00
Spiked Amount			Recovery	=	102.42%	
35) Dibromofluoromethane	7.88	113	115137	49.88	ug/l	0.00
Spiked Amount			Recovery	=	99.76%	
50) Toluene-d8	10.32	98	471154	48.57	ug/l	0.00
Spiked Amount			Recovery	=	97.14%	
62) 4-Bromofluorobenzene	12.62	95	153931	47.23	ug/l	0.00
Spiked Amount			Recovery	=	94.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.35	62	2809	1.170	ug/l #	87
11) Tert butyl alcohol	5.17	59	489	Below Cal	#	72
13) Acrolein	4.13	56	27	3.869	ug/l	95
16) Acetone	4.14	43	17097	34.027	ug/l	93
17) Carbon Disulfide	4.38	76	40873	6.003	ug/l	95
20) Methylene Chloride	4.92	84	18676	3.972	ug/l	93
25) 2-Butanone	7.17	43	3516	4.748	ug/l #	41
26) 2,2-Dichloropropane	7.15	77	3708	1.347	ug/l #	50
27) cis-1,2-Dichloroethene	7.17	96	266732	97.804	ug/l	93
28) Bromochloromethane	7.69	49	31	2.378	ug/l #	98
31) Cyclohexane	7.95	56	8891	1.968	ug/l #	21
36) 1,1-Dichloropropene	7.94	75	18022	4.820	ug/l #	49
37) Ethyl Acetate	7.17	43	3516	2.073	ug/l #	1
38) Carbon Tetrachloride	7.95	117	23230	7.009	ug/l #	17
39) Methylcyclohexane	9.33	83	29499	6.090	ug/l	94
44) Trichloroethene	9.09	130	28475	9.563	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	2194	1.362	ug/l	93
55) 1,1,2-Trichloroethane	10.76	97	19848	10.595	ug/l #	23
56) Ethyl methacrylate	10.66	69	8586	3.403	ug/l #	19
59) 2-Hexanone	10.93	43	44802	40.548	ug/l #	29
60) Dibromochloromethane	10.86	129	39337	18.260	ug/l #	12
64) Tetrachloroethene	10.86	164	48935	19.882	ug/l	97
73) Isopropylbenzene	12.46	105	20021	1.886	ug/l	99
74) N-ethyl acetate	12.25	43	85656	36.891	ug/l #	48
75) 1,1,2,2-Tetrachloroethane	12.69	83	19671	10.871	ug/l #	91
76) 1,2,3-Trichloropropane	12.62	75	65180	52.804	ug/l #	100
78) n-propylbenzene	12.80	91	18338	1.494	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.62	75	65180	107.939	ug/l #	18
83) tert-Butylbenzene	13.44	119	10668	1.362	ug/l	92
84) 1,2,4-Trimethylbenzene	13.25	105	25705	2.946	ug/l	98
85) sec-Butylbenzene	13.38	105	97881	9.043	ug/l	91
89) n-Butylbenzene	13.82	91	44996	5.009	ug/l #	79
90) Hexachloroethane	14.10	117	32771	19.258	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	14.49	75	759	2.631	ug/l #	23

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Quant Title : SW846 8260
QLast Update : Wed Oct 09 05:54:09 2019
Response via : Initial Calibration

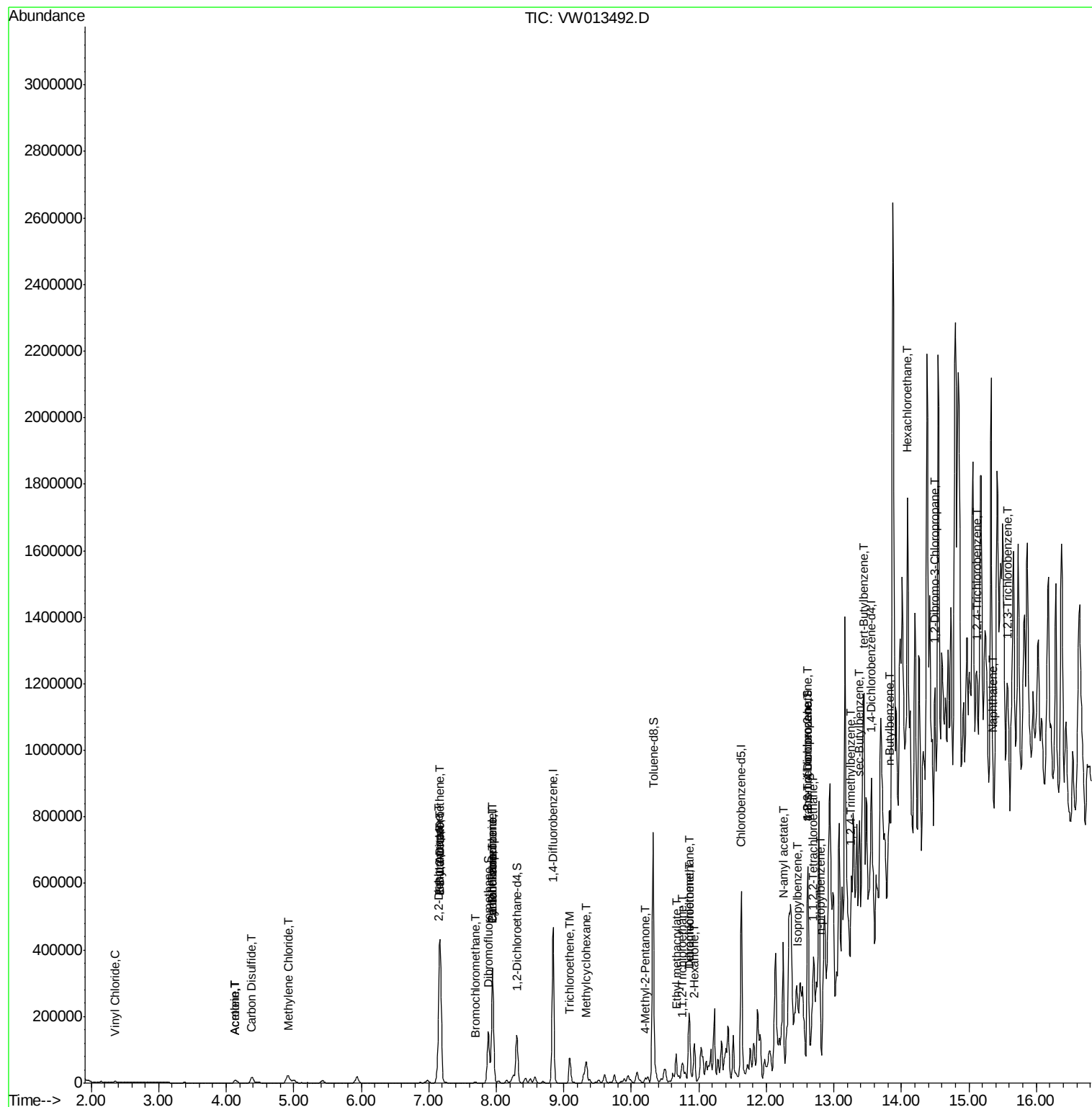
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	3152	1.059	ug/l #	1
95) Naphthalene	15.36	128	8165	1.585	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.57	180	9290	3.568	ug/l #	1

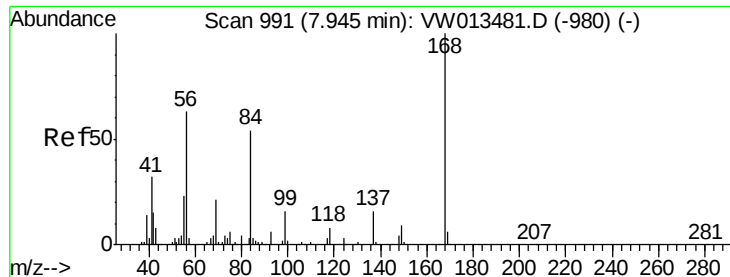
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100819\
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ClientSampled :

Quant Time: Oct 09 06:03:19 2019
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Quant Title : SW846 8260
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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: VW013492.D

Acq: 08 Oct 2019 17:38

Instrument :

MSVOA_W

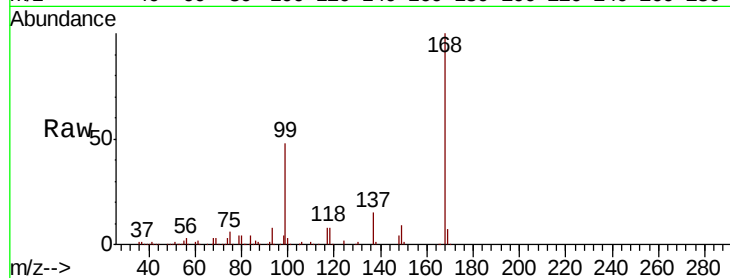
ClientSampled :

Tot Ion:168 Resp: 279466

Ion Ratio Lower Upper

168 100

99 47.7 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

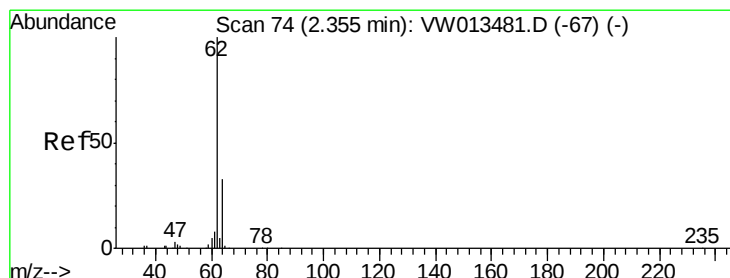
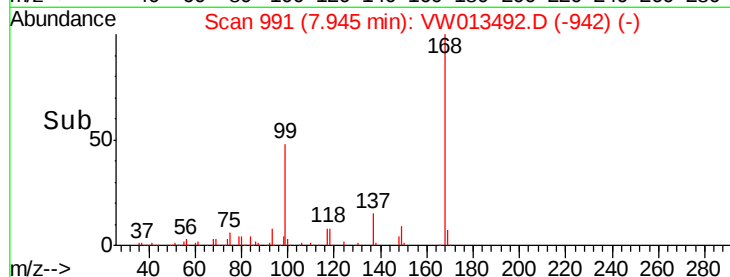
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 1.170 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW013492.D

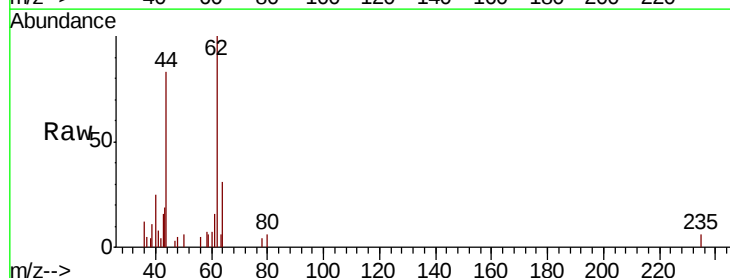
Acq: 08 Oct 2019 17:38

Tgt Ion: 62 Resp: 2809

Ion Ratio Lower Upper

62 100

64 25.9 26.6 39.8#



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.35

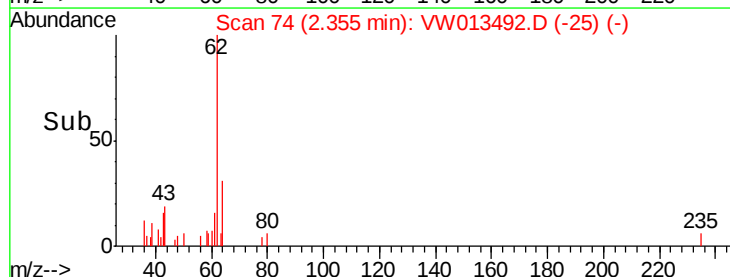
1500

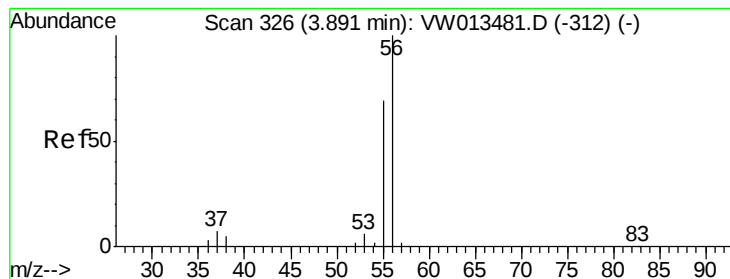
1000

500

0

Time-->





#13

Acrolein

Concen: 3.869 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.24 min

Lab File: VW013492.D

Acq: 08 Oct 2019 17:38

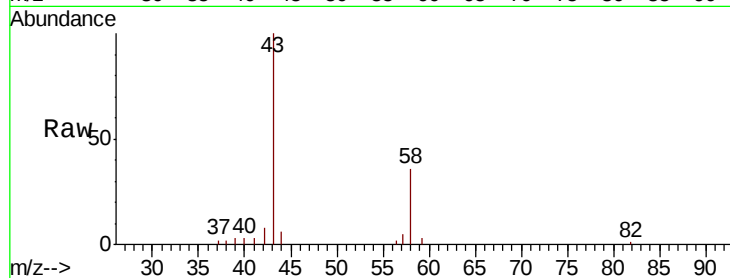
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 27

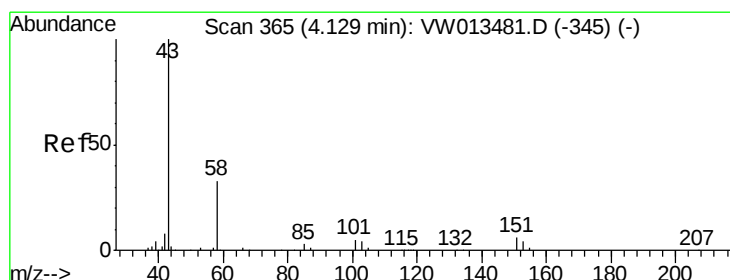
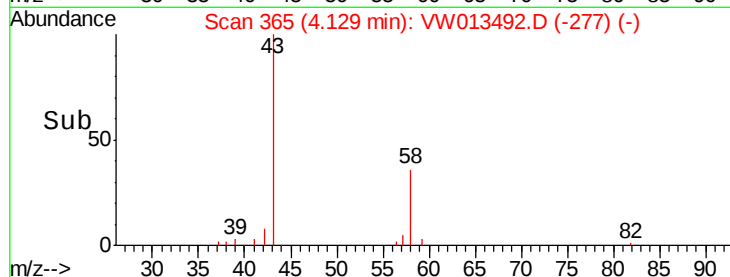
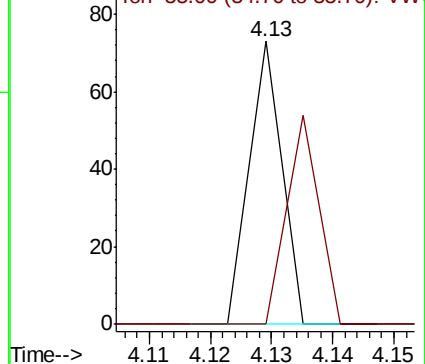
Ion Ratio Lower Upper

56 100

55 74.1 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 55.00 (54.70 to 55.70): VW



#16

Acetone

Concen: 34.027 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW013492.D

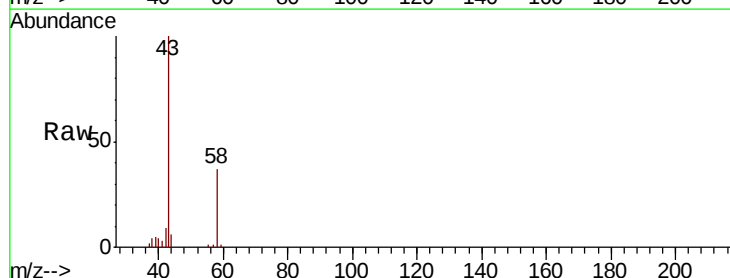
Acq: 08 Oct 2019 17:38

Tgt Ion: 43 Resp: 17097

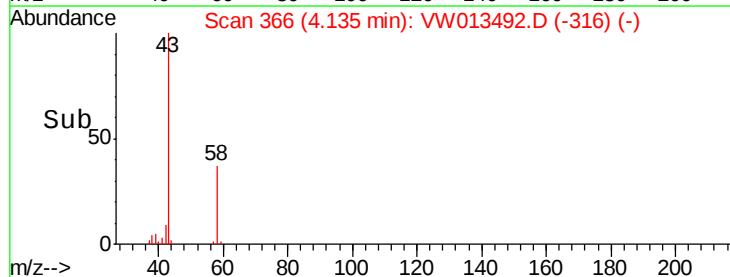
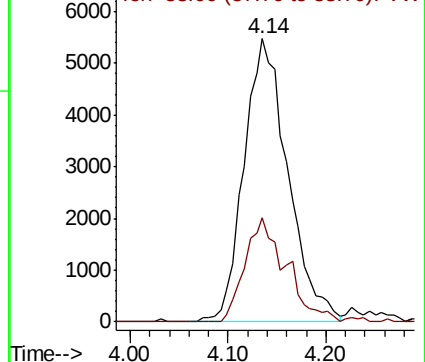
Ion Ratio Lower Upper

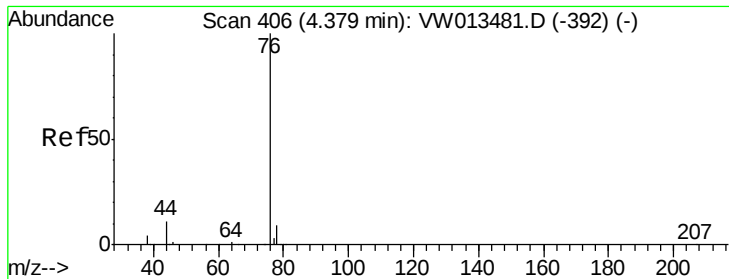
43 100

58 36.7 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 6.003 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW013492.D

Acq: 08 Oct 2019 17:38

Instrument :

MSVOA_W

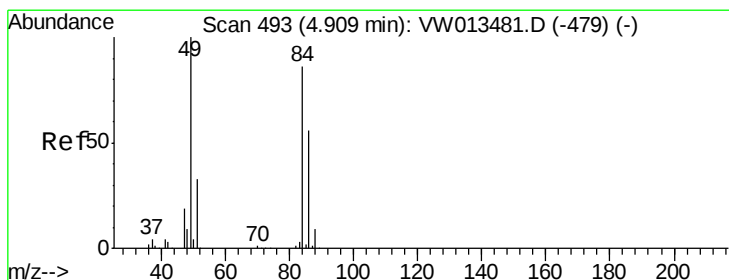
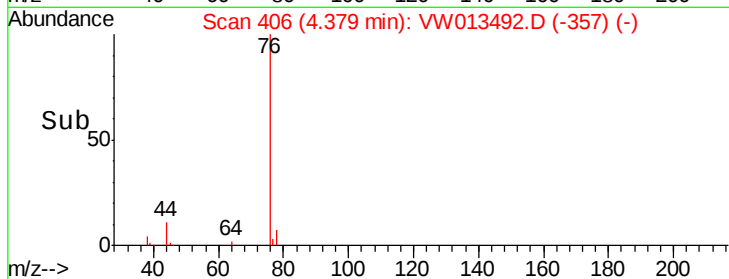
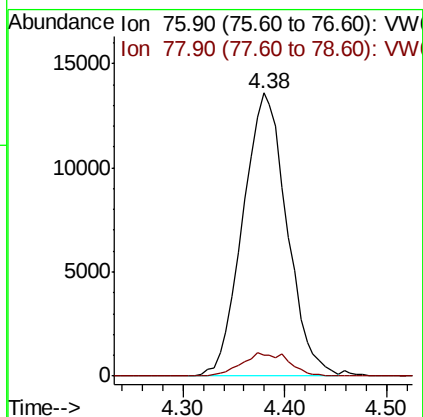
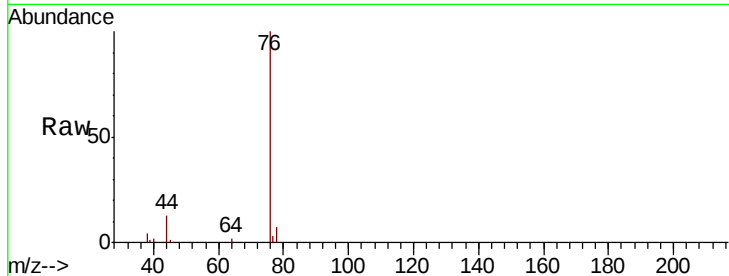
ClientSampleId :

Tot Ion: 76 Resp: 40873

Ion Ratio Lower Upper

76 100

78 7.2 7.1 10.7



#20

Methylene Chloride

Concen: 3.972 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW013492.D

Acq: 08 Oct 2019 17:38

Tgt Ion: 84 Resp: 18676

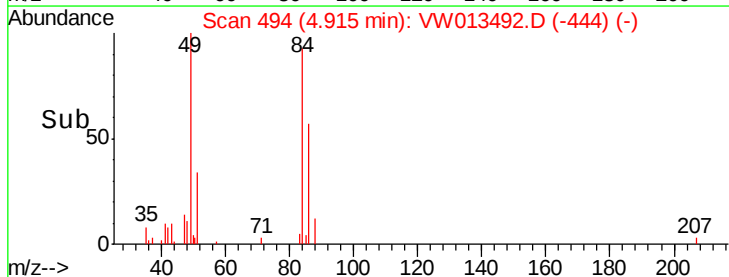
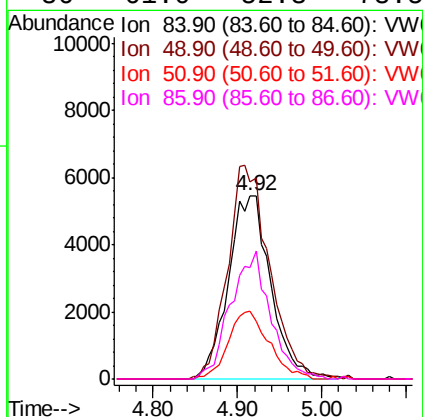
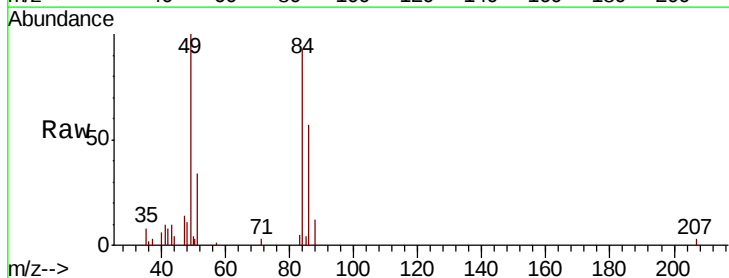
Ion Ratio Lower Upper

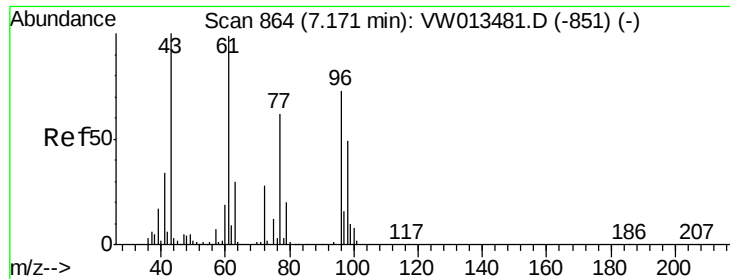
84 100

49 107.2 93.4 140.0

51 36.8 30.6 46.0

86 61.0 52.3 78.5





#25

2-Butanone

Concen: 4.748 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW013492.D

Acq: 08 Oct 2019 17:38

Instrument :

MSVOA_W

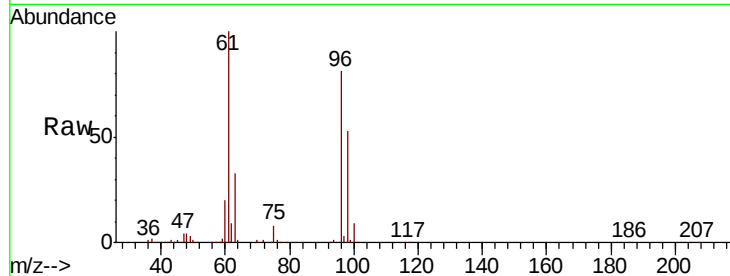
ClientSampled :

Tot Ion: 43 Resp: 3516

Ion Ratio Lower Upper

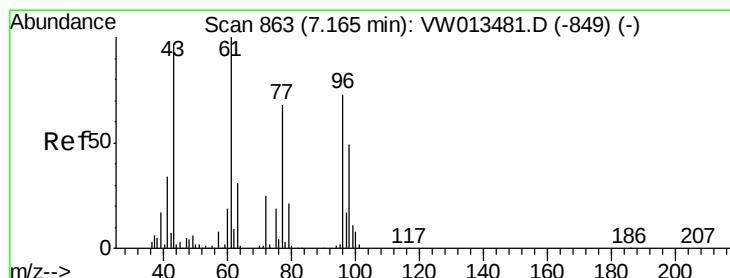
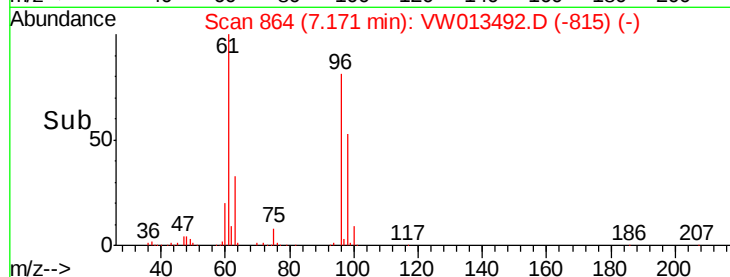
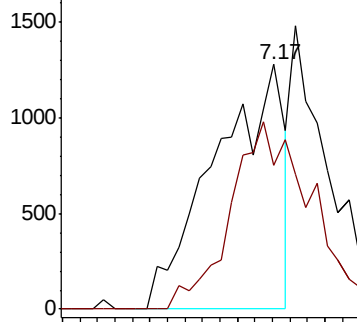
43 100

72 58.7 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 1.347 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW013492.D

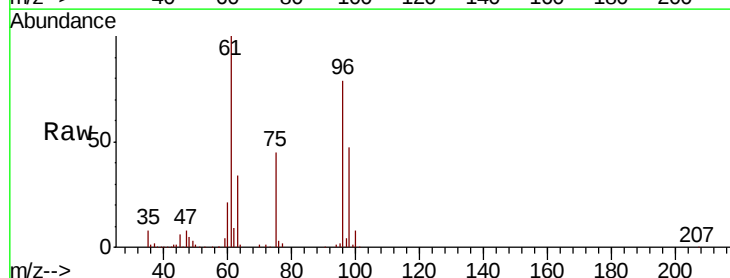
Acq: 08 Oct 2019 17:38

Tgt Ion: 77 Resp: 3708

Ion Ratio Lower Upper

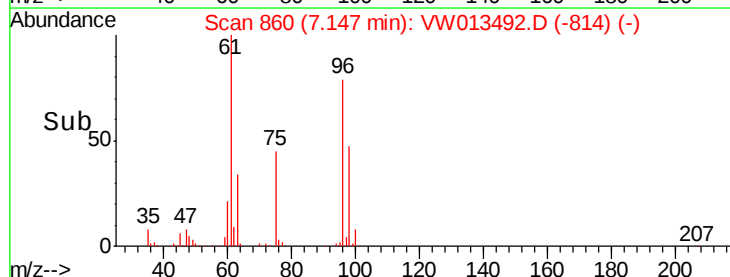
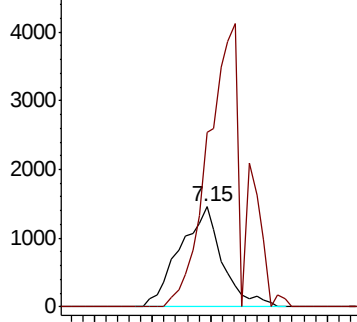
77 100

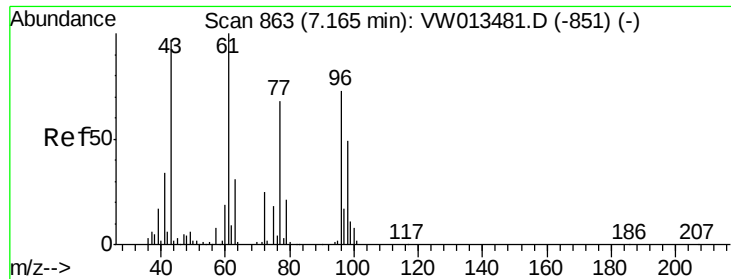
97 0.0 12.6 37.6#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



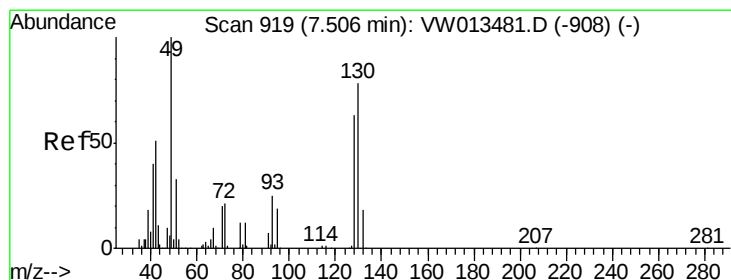
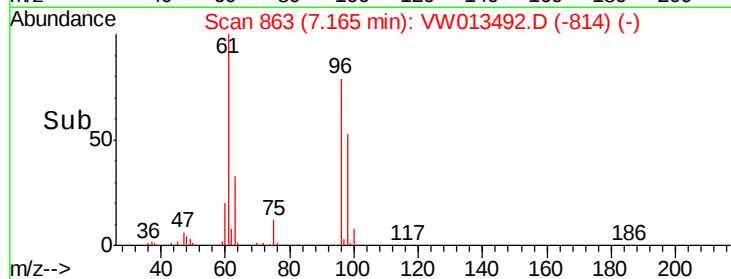
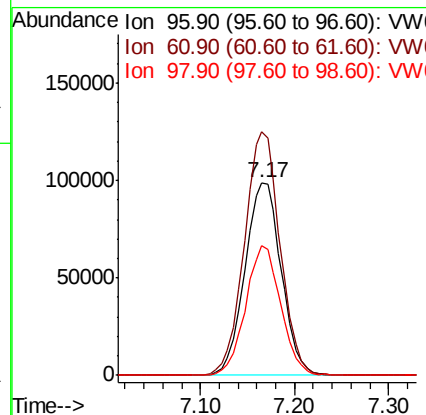
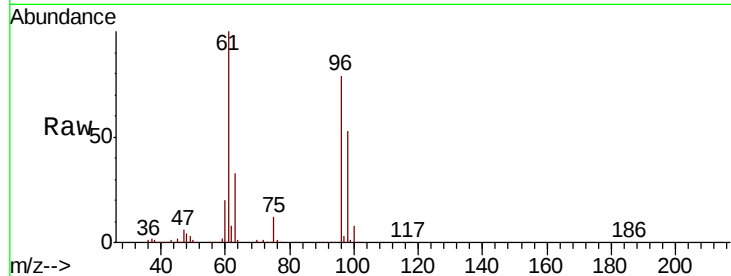


#27

cis-1,2-Dichloroethene
 Concen: 97.804 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW013492.D
 Acq: 08 Oct 2019 17:38

Instrument :
 MSVOA_W
 ClientSampled :

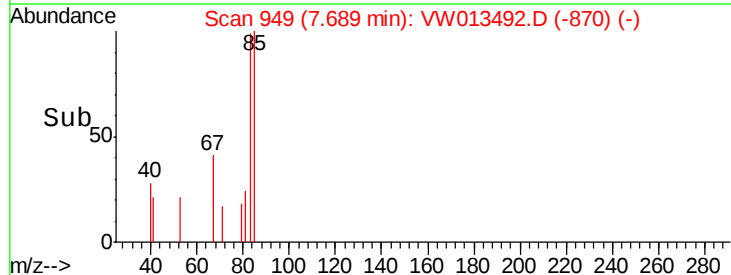
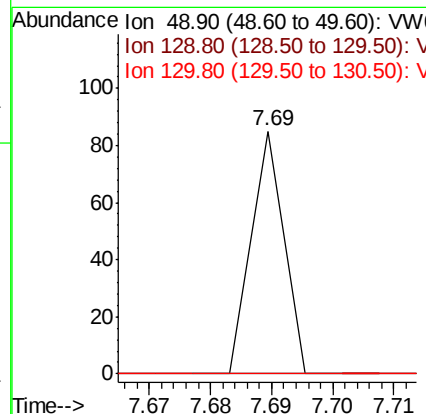
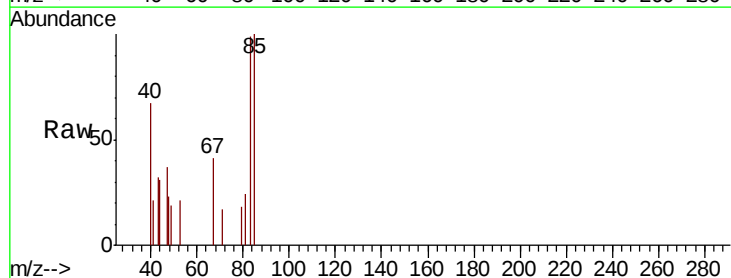
Tot Ion	96	Resp	266732
Ion	Ratio	Lower	Upper
96	100		
61	124.2	0.0	274.4
98	65.0	0.0	130.2

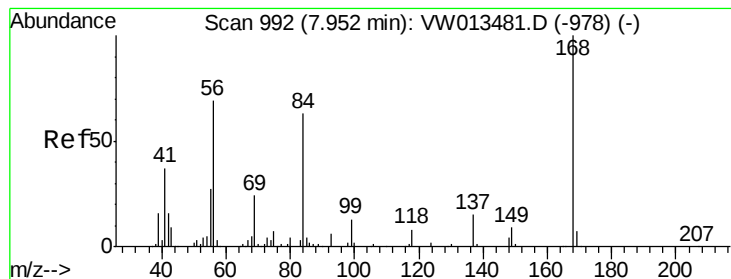


#28

Bromochloromethane
 Concen: 2.378 ug/l
 RT: 7.69 min Scan# 949
 Delta R.T. 0.18 min
 Lab File: VW013492.D
 Acq: 08 Oct 2019 17:38

Tgt Ion	49	Resp	31
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	1.6
130	0.0	0.0	0.0





#31

Cyclohexane

Concen: 1.968 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW013492.D

Acq: 08 Oct 2019 17:38

Instrument :
MSVOA_W
ClientSampleId :

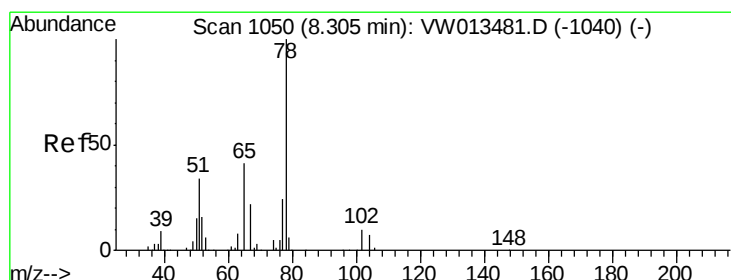
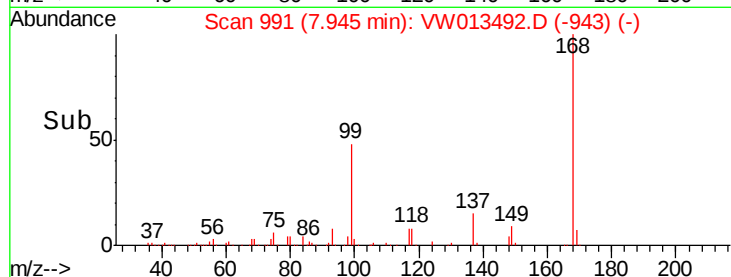
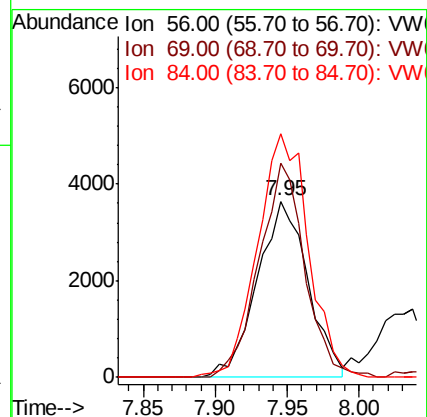
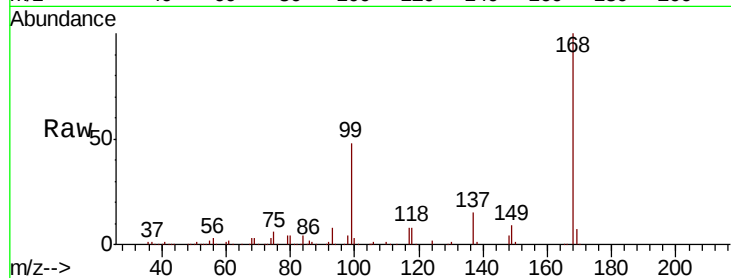
Tot Ion: 56 Resp: 8891

Ion Ratio Lower Upper

56 100

69 121.5 28.0 42.0#

84 138.2 71.8 107.6#



#33

1,2-Dichloroethane-d4

Concen: 51.209 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013492.D

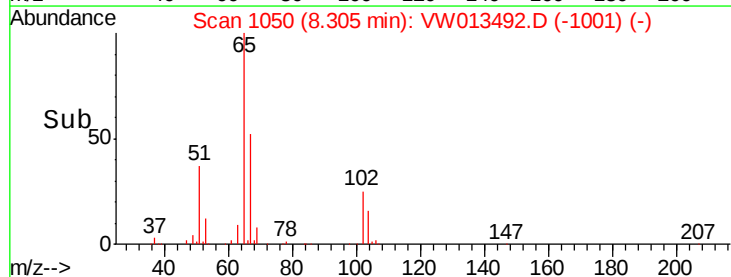
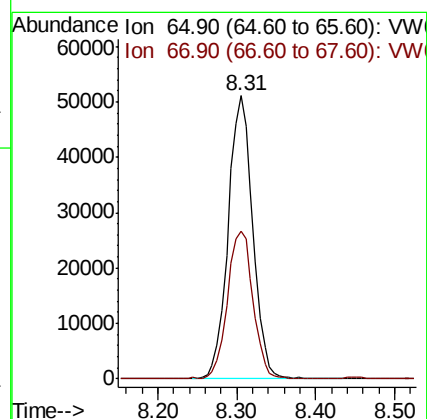
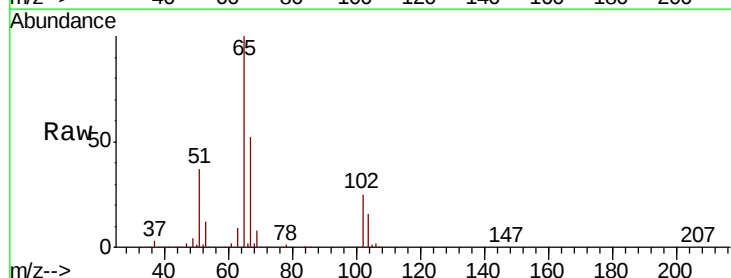
Acq: 08 Oct 2019 17:38

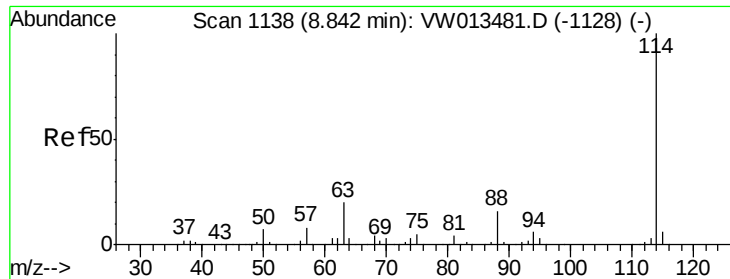
Tgt Ion: 65 Resp: 110567

Ion Ratio Lower Upper

65 100

67 54.2 0.0 109.4

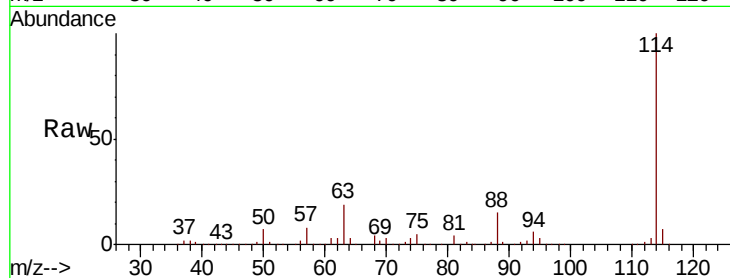




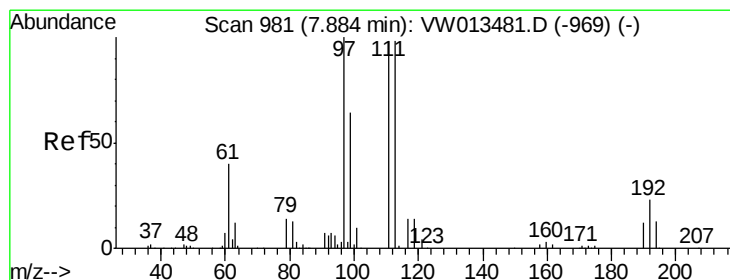
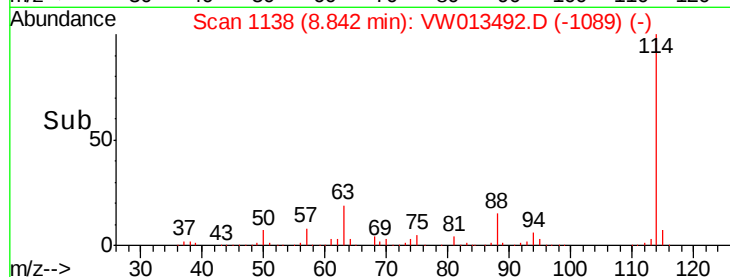
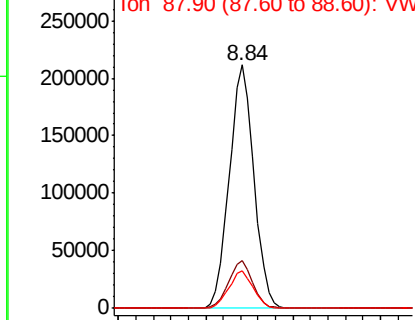
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013492.D
 Acq: 08 Oct 2019 17:38

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:114 Resp: 413318
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.4
 88 15.5 0.0 31.4

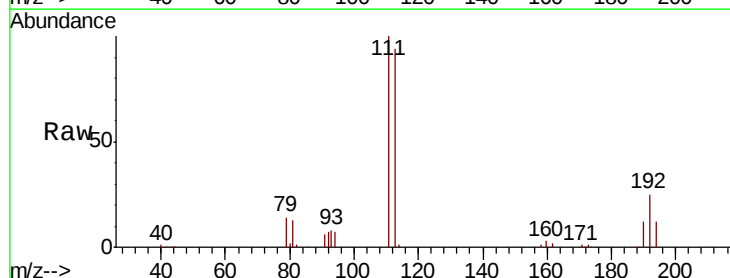


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

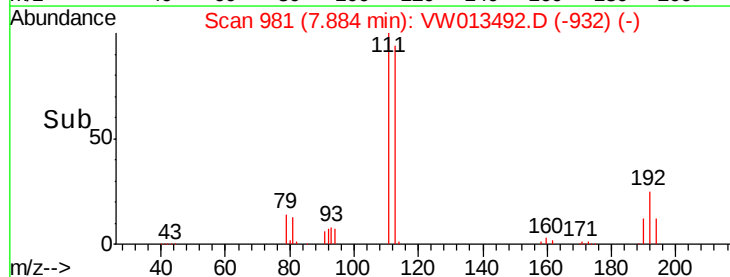
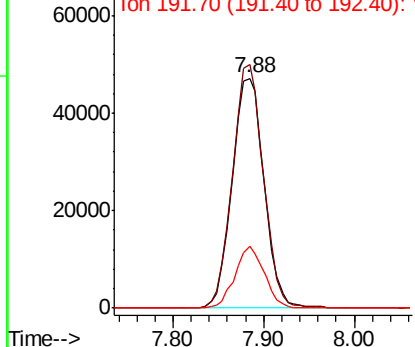


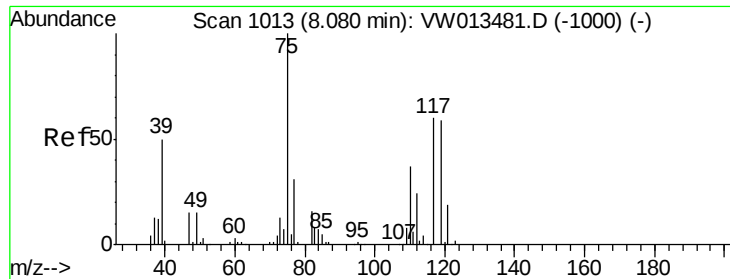
#35
 Dibromofluoromethane
 Concen: 49.876 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW013492.D
 Acq: 08 Oct 2019 17:38

Tgt Ion:113 Resp: 115137
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.3 123.5
 192 24.5 19.3 28.9



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

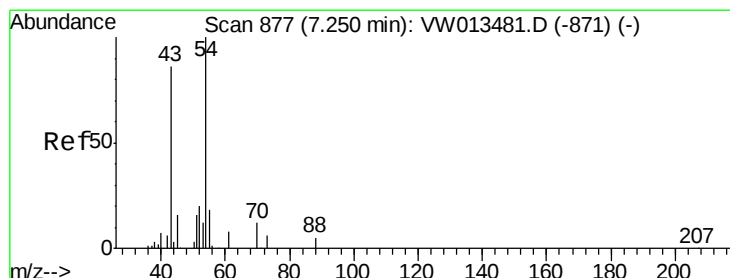
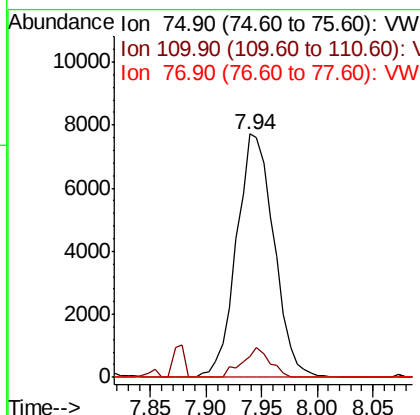
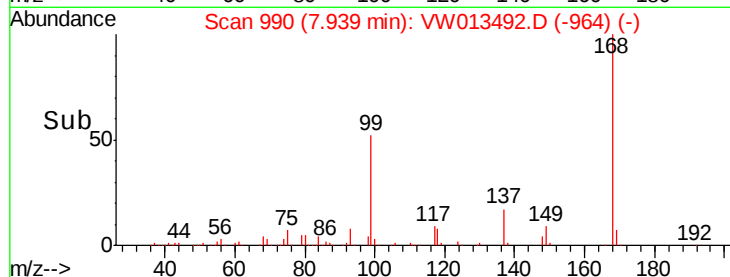
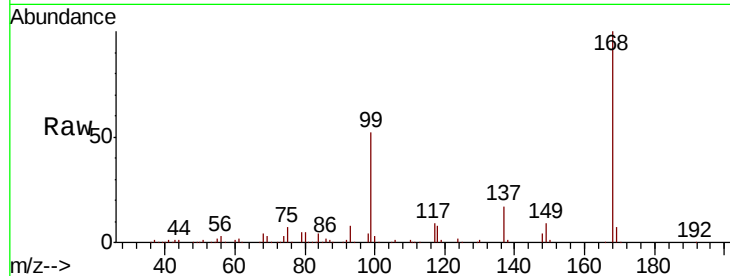




#36
 1,1-Dichloropropene
 Concen: 4.820 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW013492.D
 Acq: 08 Oct 2019 17:38

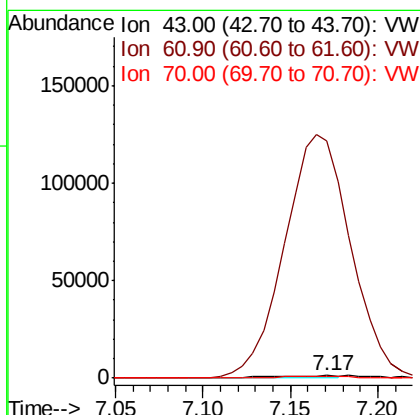
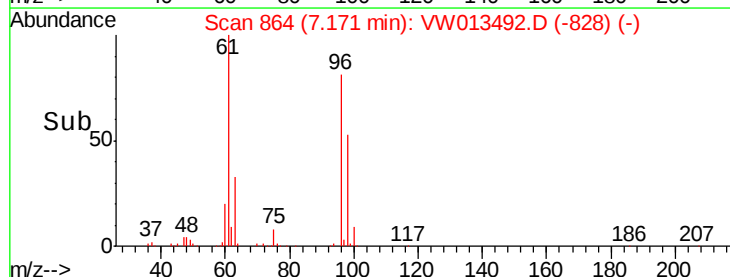
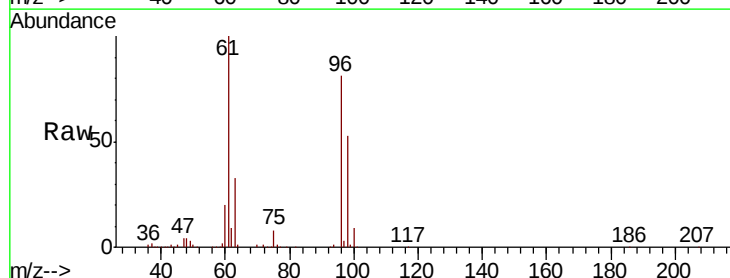
Instrument :
 MSVOA_W
 ClientSampled :

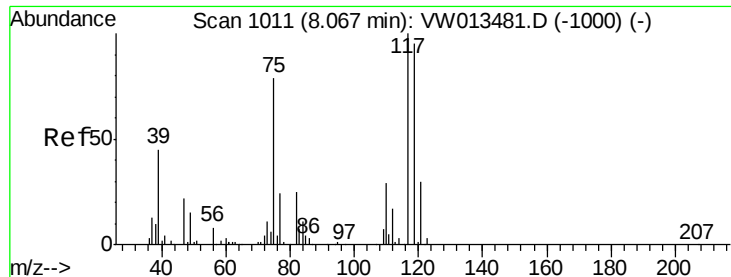
Tot Ion	75	Resp	18022
Ion Ratio	100	Lower	Upper
75	100		
110	9.0	18.4	55.2#
77	0.0	25.0	37.4#



#37
 Ethyl Acetate
 Concen: 2.073 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.08 min
 Lab File: VW013492.D
 Acq: 08 Oct 2019 17:38

Tgt Ion	43	Resp	3516
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
43	100		
61	9424.3	10.9	16.3#
70	76.1	9.2	13.8#

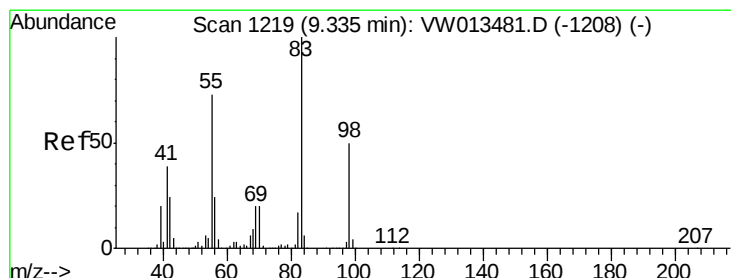
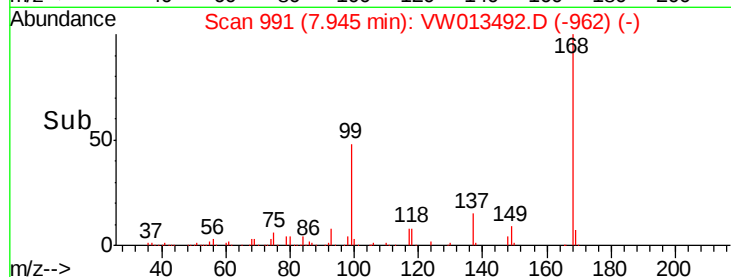
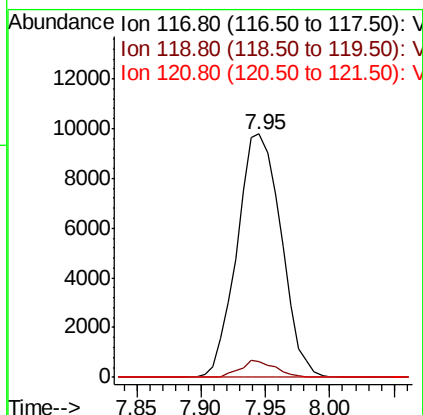
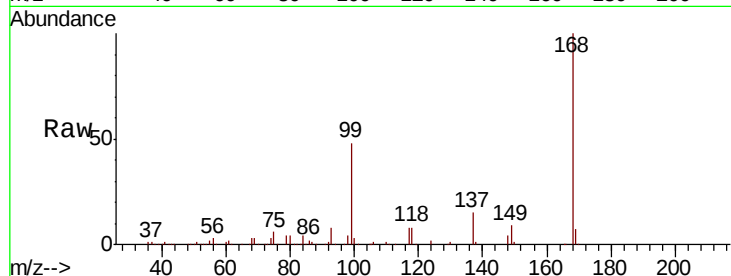




#38
Carbon Tetrachloride
Concen: 7.009 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW013492.D
Acq: 08 Oct 2019 17:38

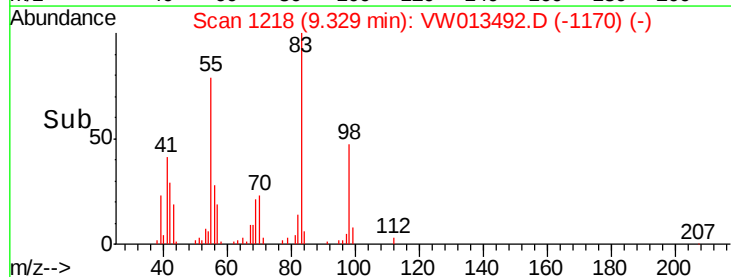
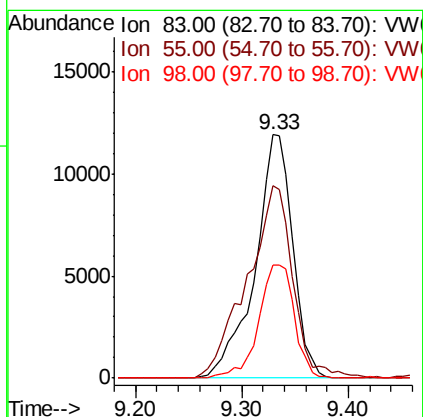
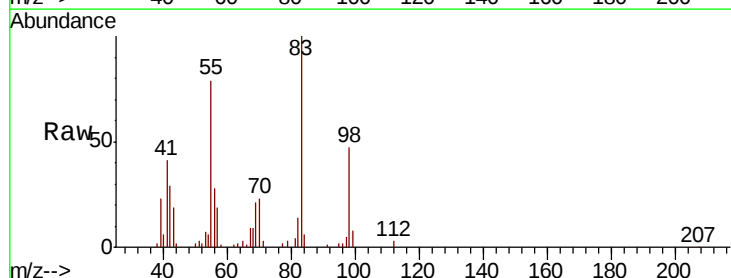
Instrument :
MSVOA_W
ClientSampleId :

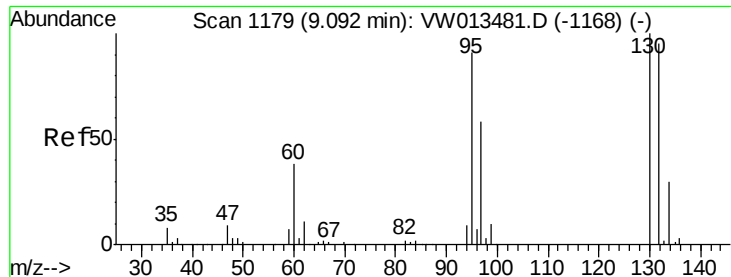
Tot Ion:117 Resp: 23230
Ion Ratio Lower Upper
117 100
119 6.5 76.3 114.5#
121 0.0 23.6 35.4#



#39
Methylcyclohexane
Concen: 6.090 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW013492.D
Acq: 08 Oct 2019 17:38

Tgt Ion: 83 Resp: 29499
Ion Ratio Lower Upper
83 100
55 79.1 58.2 87.4
98 46.6 39.8 59.6





#44

Trichloroethene

Concen: 9.563 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW013492.D

Acq: 08 Oct 2019 17:38

Instrument :

MSVOA_W

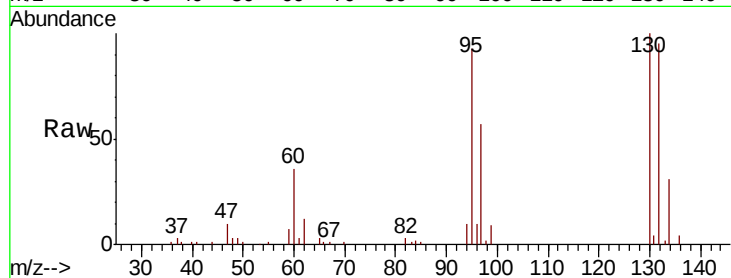
ClientSampleId :

Tot Ion:130 Resp: 28475

Ion Ratio Lower Upper

130 100

95 92.8 0.0 182.2



Abundance Ion 129.80 (129.50 to 130.50): VW

Ion 94.90 (94.60 to 95.60): VW

9.09

15000

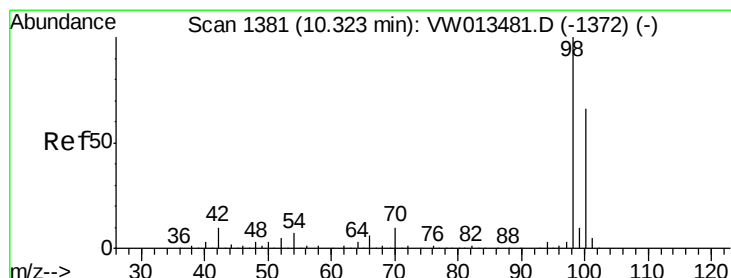
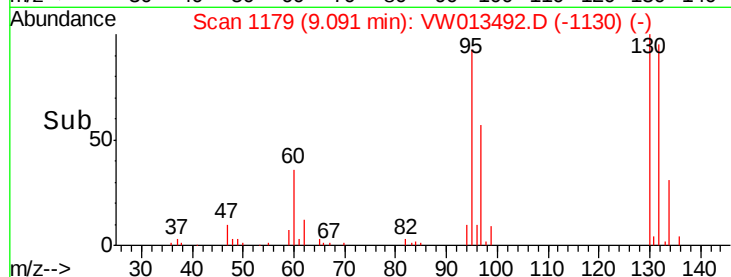
10000

5000

0

Time-->

9.00 9.05 9.10 9.15 9.20



#50

Toluene-d8

Concen: 48.567 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013492.D

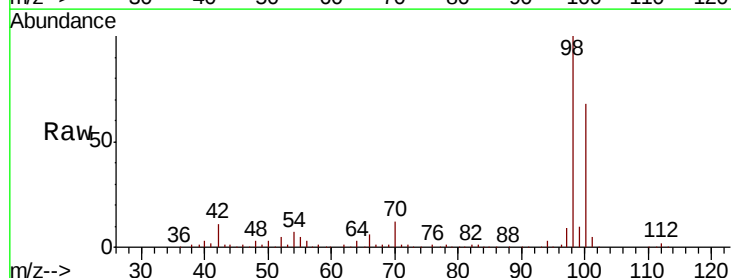
Acq: 08 Oct 2019 17:38

Tgt Ion: 98 Resp: 471154

Ion Ratio Lower Upper

98 100

100 66.7 53.2 79.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

300000

250000

200000

150000

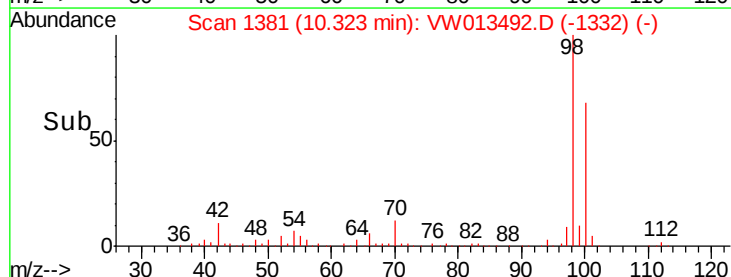
100000

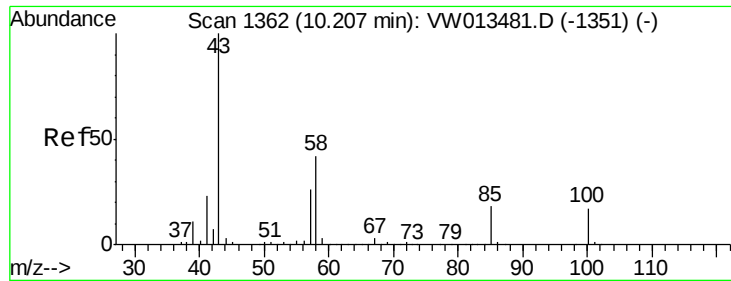
50000

0

Time-->

10.30 10.32 10.34 10.36 10.38 10.40





#51

4-Methyl-2-Pentanone

Concen: 1.362 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW013492.D

Acq: 08 Oct 2019 17:38

Instrument :

MSVOA_W

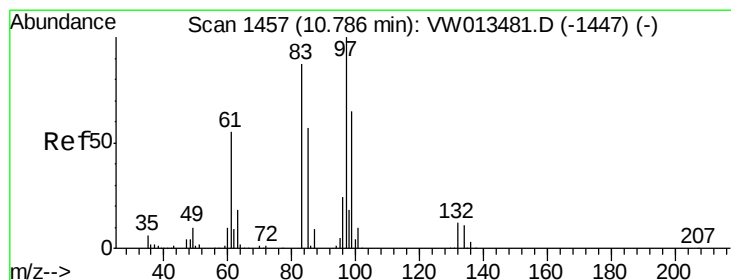
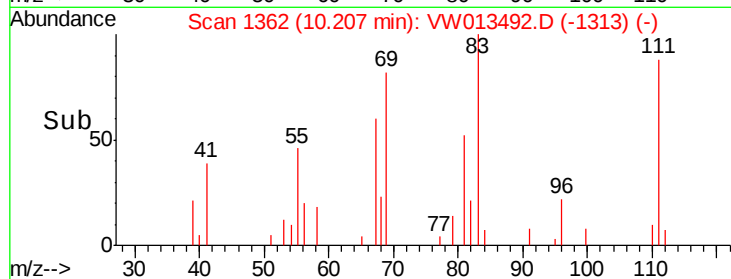
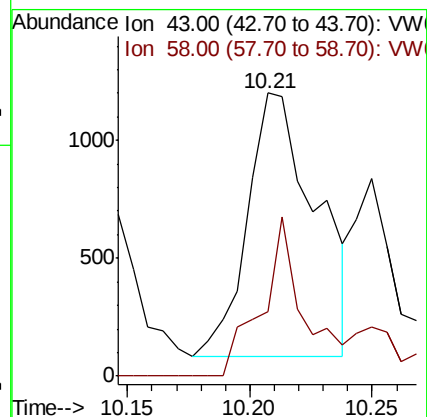
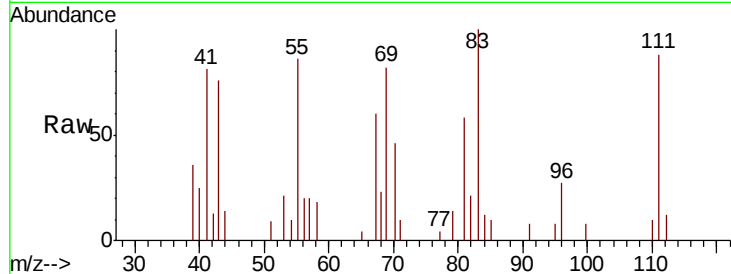
ClientSampled :

Tot Ion: 43 Resp: 2194

Ion Ratio Lower Upper

43 100

58 36.6 32.8 49.2



#55

1,1,2-Trichloroethane

Concen: 10.595 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.02 min

Lab File: VW013492.D

Acq: 08 Oct 2019 17:38

Tgt Ion: 97 Resp: 19848

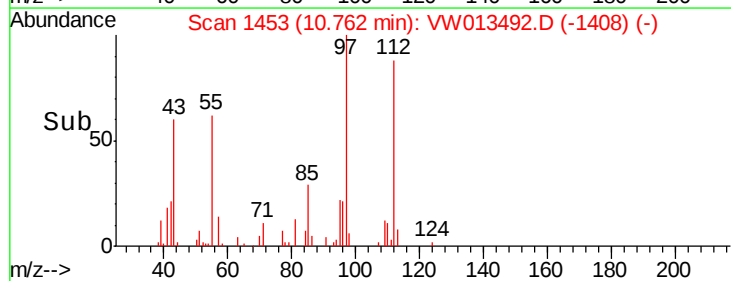
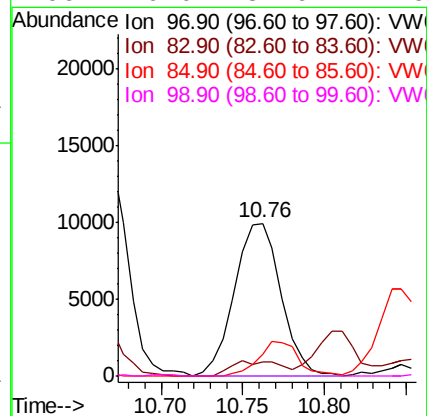
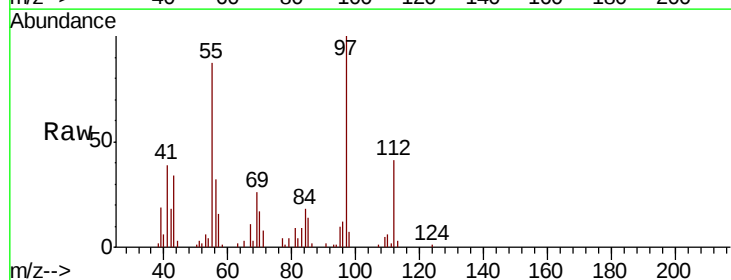
Ion Ratio Lower Upper

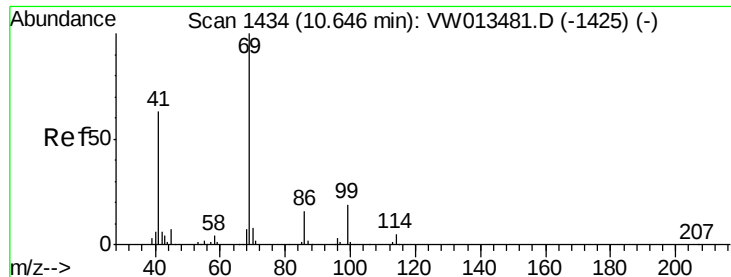
97 100

83 9.1 69.8 104.8#

85 13.9 45.4 68.0#

99 0.0 51.9 77.9#





#56

Ethyl methacrylate

Concen: 3.403 ug/l

RT: 10.66 min Scan# 1437

Delta R.T. 0.02 min

Lab File: VW013492.D

Acq: 08 Oct 2019 17:38

Instrument :

MSVOA_W

ClientSampleId :

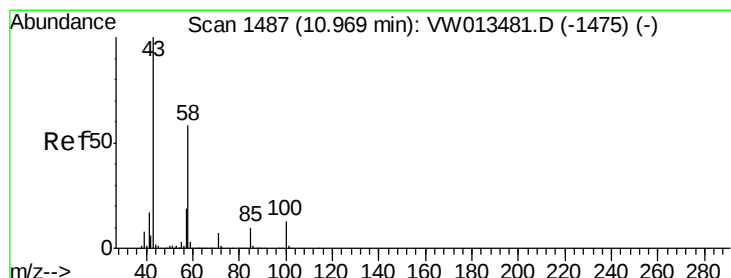
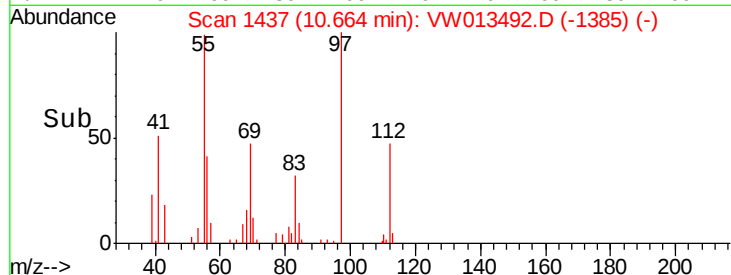
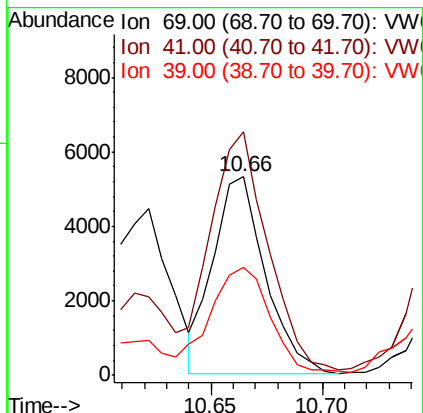
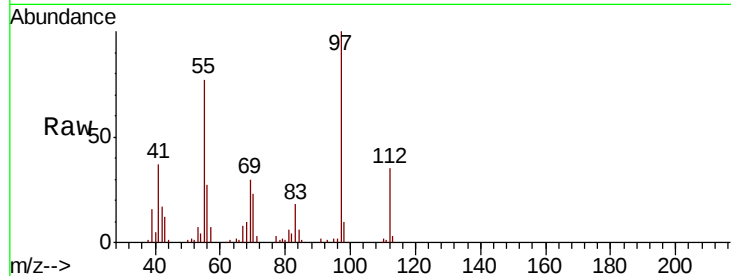
Tot Ion: 69 Resp: 8586

Ion Ratio Lower Upper

69 100

41 133.3 51.8 77.6#

39 60.8 21.7 32.5#



#59

2-Hexanone

Concen: 40.548 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

Lab File: VW013492.D

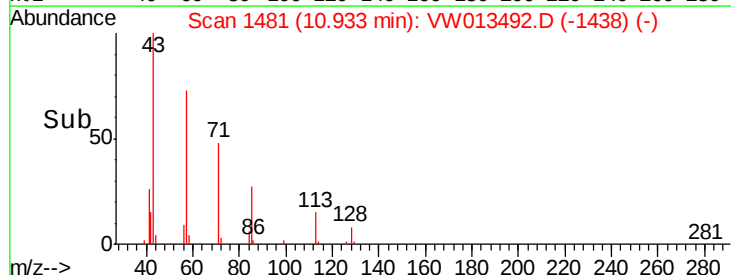
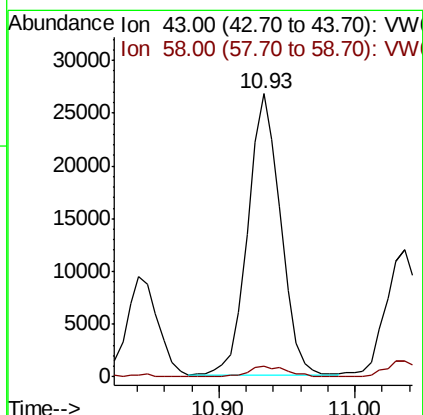
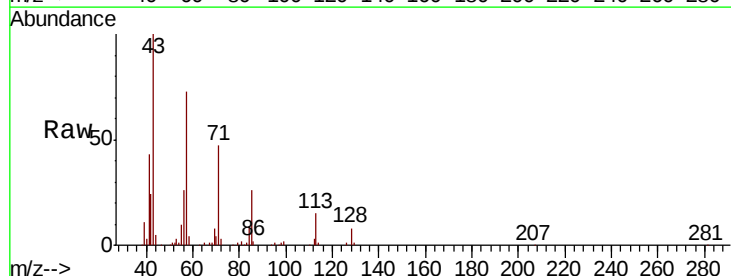
Acq: 08 Oct 2019 17:38

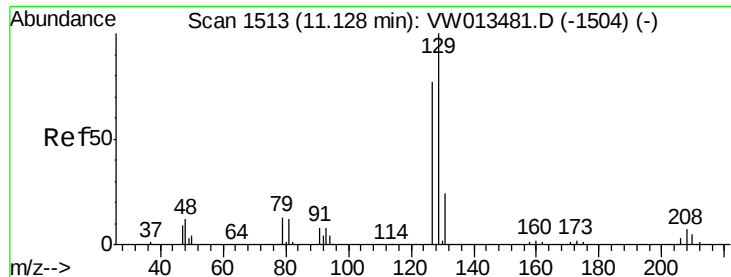
Tgt Ion: 43 Resp: 44802

Ion Ratio Lower Upper

43 100

58 4.5 28.4 85.2#

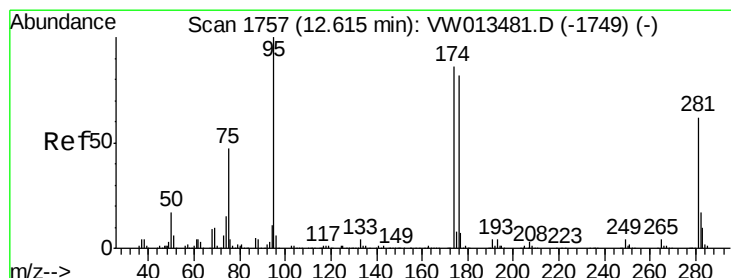
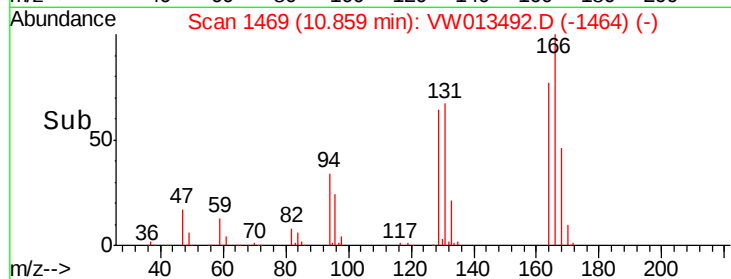
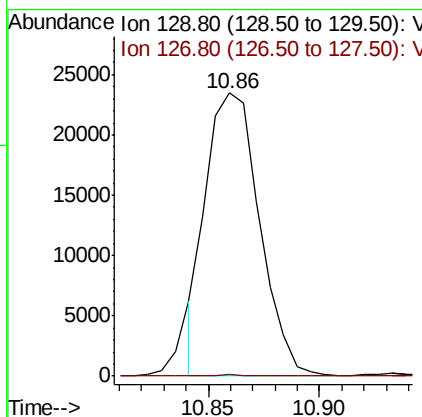
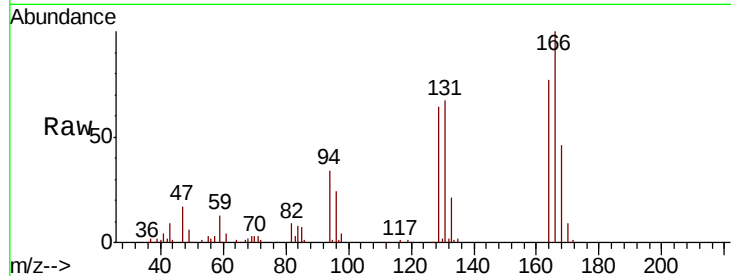




#60
 Dibromochloromethane
 Concen: 18.260 ug/l
 RT: 10.86 min Scan# 1469
 Delta R.T. -0.27 min
 Lab File: VW013492.D
 Acq: 08 Oct 2019 17:38

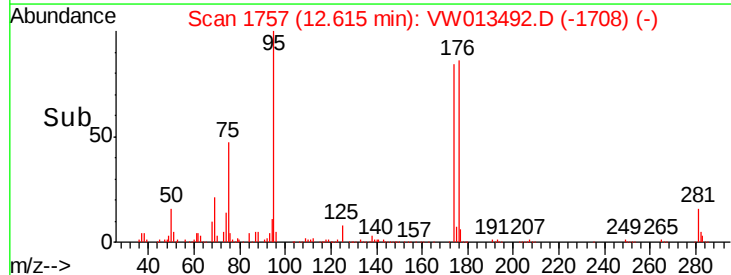
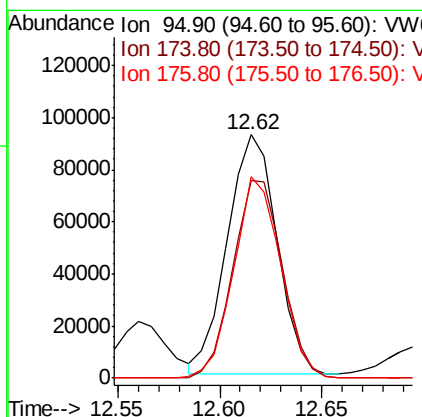
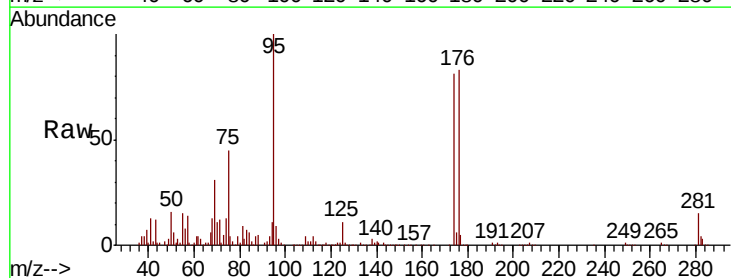
Instrument :
 MSVOA_W
 ClientSampled :

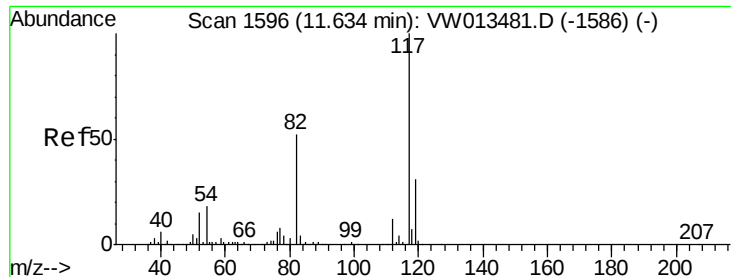
Tot Ion:129 Resp: 39337
 Ion Ratio Lower Upper
 129 100
 127 0.1 37.4 112.1#



#62
 4-Bromofluorobenzene
 Concen: 47.233 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW013492.D
 Acq: 08 Oct 2019 17:38

Tgt Ion: 95 Resp: 153931
 Ion Ratio Lower Upper
 95 100
 174 83.3 0.0 177.4
 176 80.2 0.0 173.4

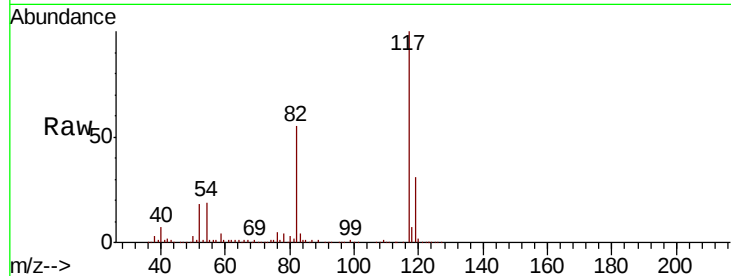




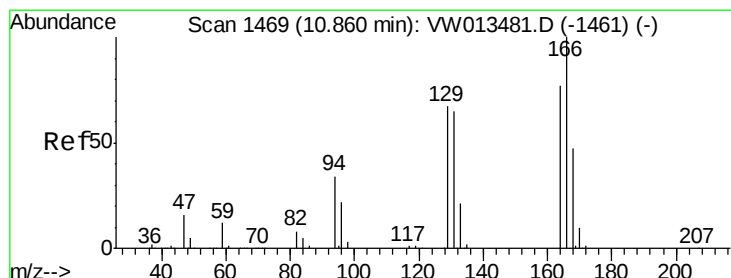
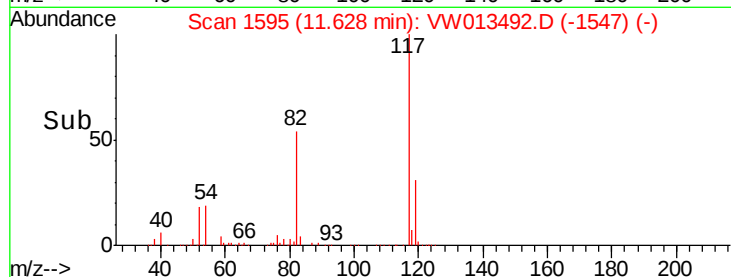
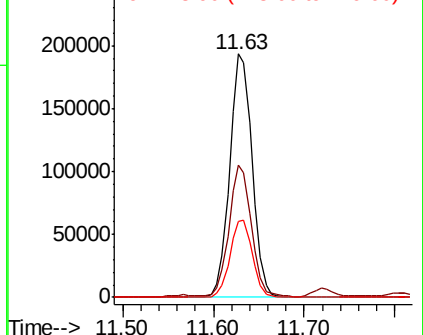
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013492.D
Acq: 08 Oct 2019 17:38

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 334424
Ion Ratio Lower Upper
117 100
82 53.8 41.4 62.2
119 31.4 25.1 37.7

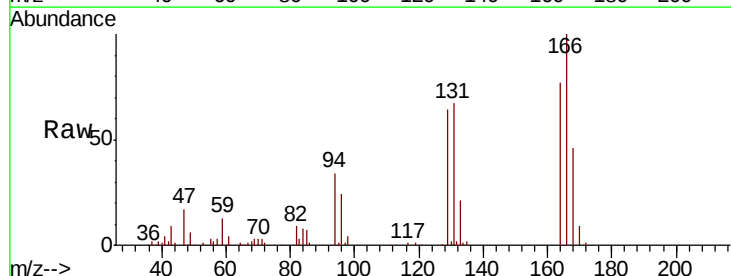


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

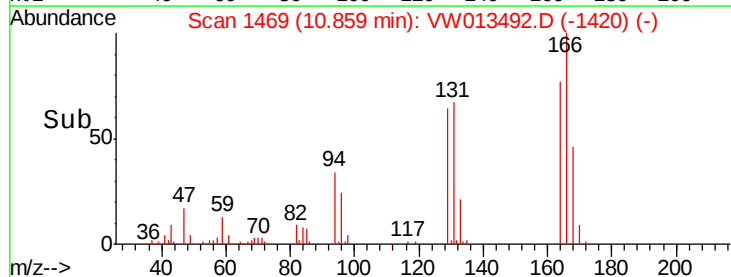
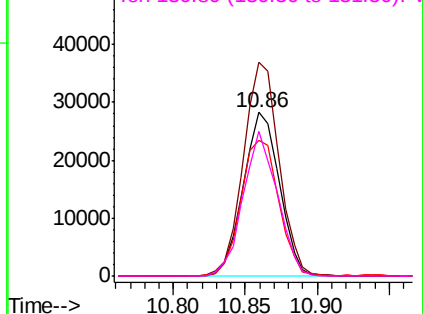


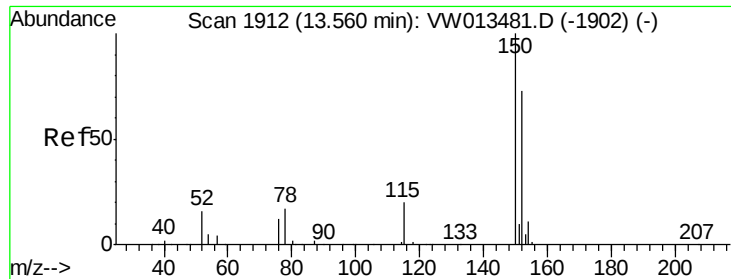
#64
Tetrachloroethene
Concen: 19.882 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013492.D
Acq: 08 Oct 2019 17:38

Tgt Ion:164 Resp: 48935
Ion Ratio Lower Upper
164 100
166 130.7 104.6 156.8
129 83.1 70.2 105.2
131 88.2 67.6 101.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW013492.D

Acq: 08 Oct 2019 17:38

Instrument :

MSVOA_W

ClientSampleId :

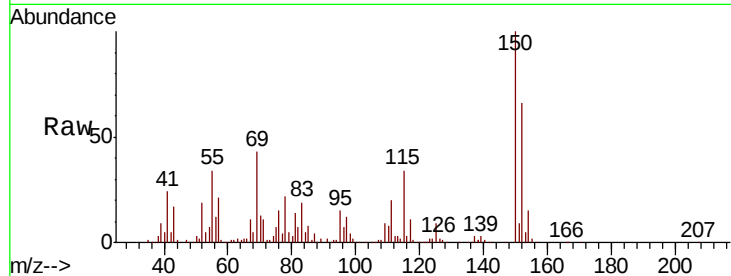
Tot Ion:152 Resp: 148211

Ion Ratio Lower Upper

152 100

115 48.6 27.0 81.0

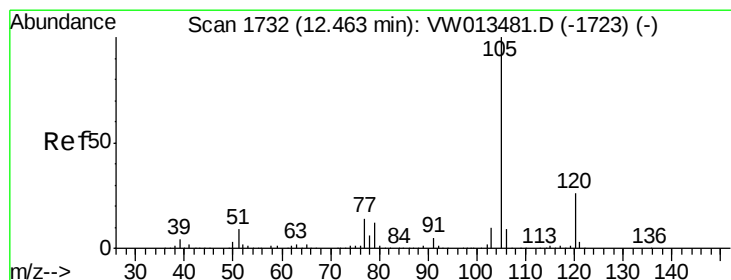
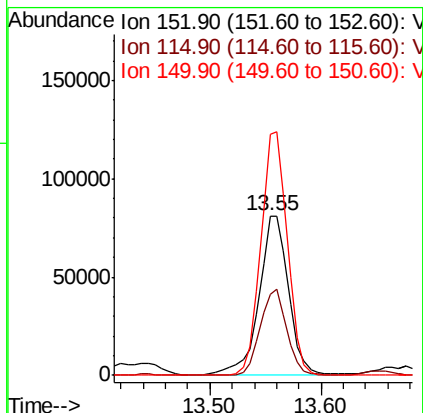
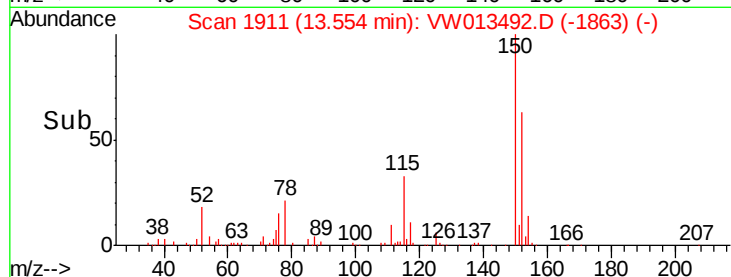
150 138.1 0.0 337.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.886 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW013492.D

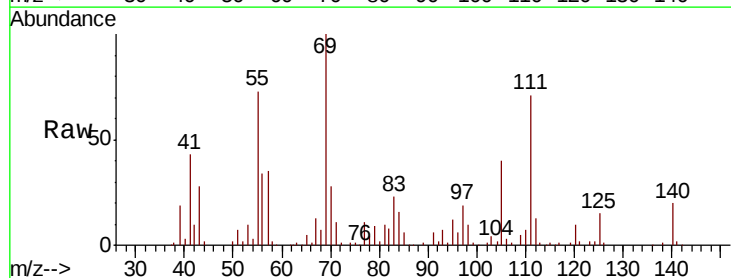
Acq: 08 Oct 2019 17:38

Tgt Ion:105 Resp: 20021

Ion Ratio Lower Upper

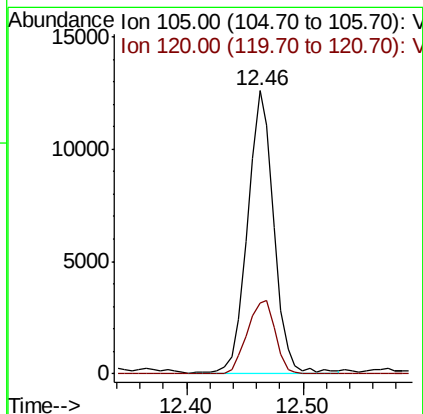
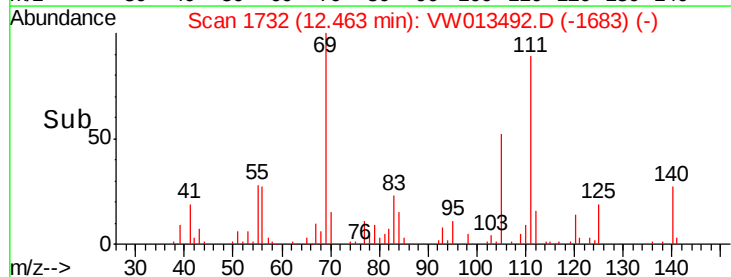
105 100

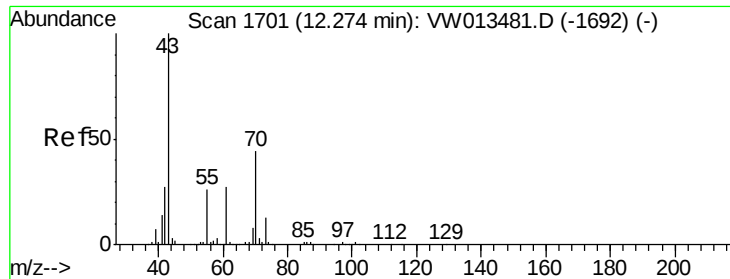
120 27.4 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

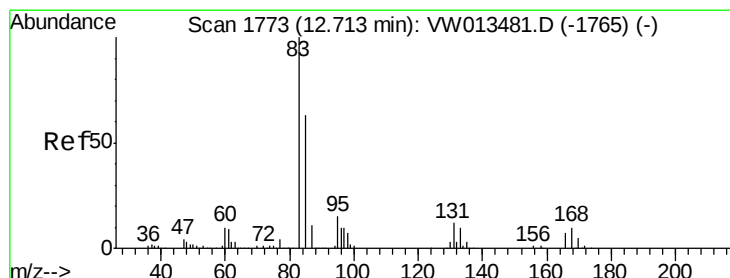
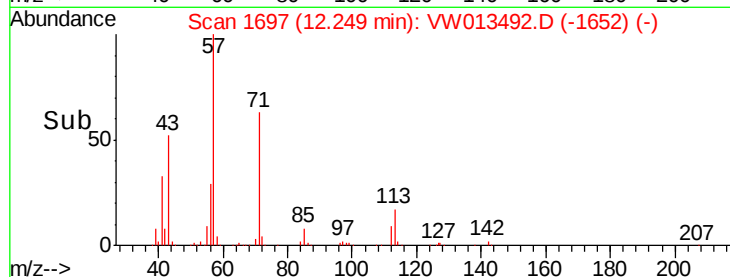
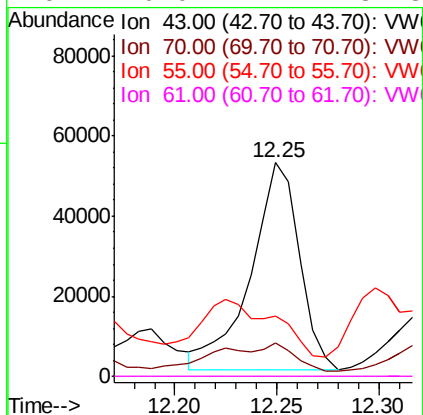
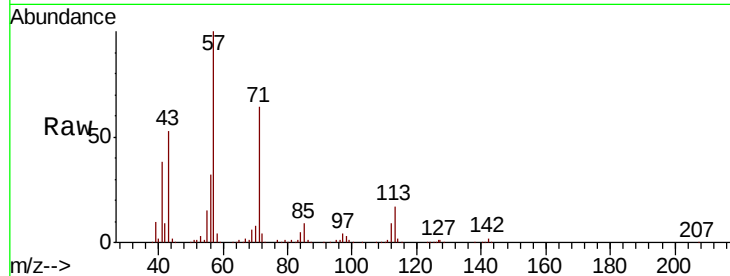




#74
N-amvl acetate
Concen: 36.891 ug/l
RT: 12.25 min Scan# 1697
Delta R.T. -0.02 min
Lab File: VW013492.D
Acq: 08 Oct 2019 17:38

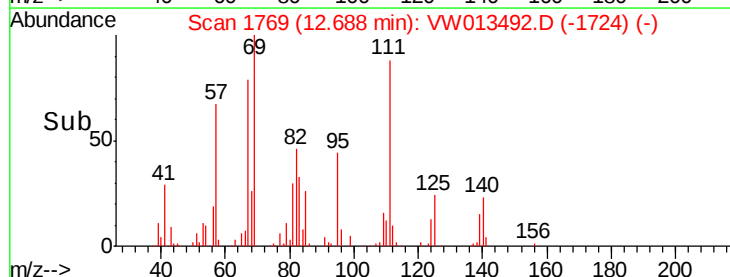
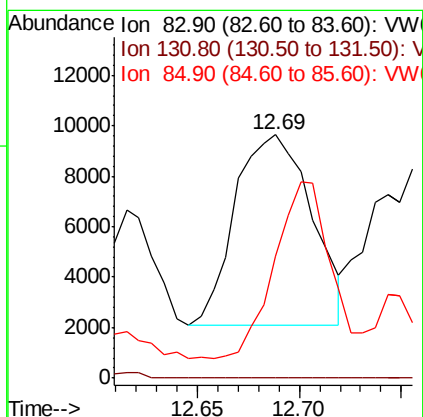
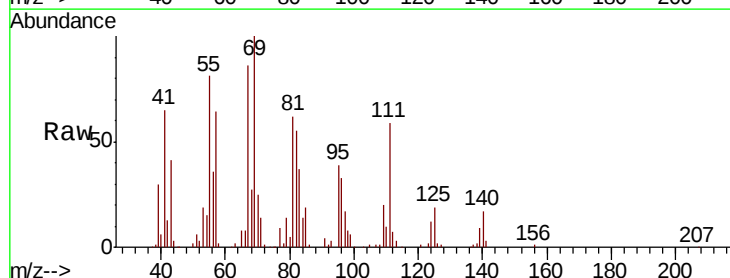
Instrument :
MSVOA_W
ClientSampleId :

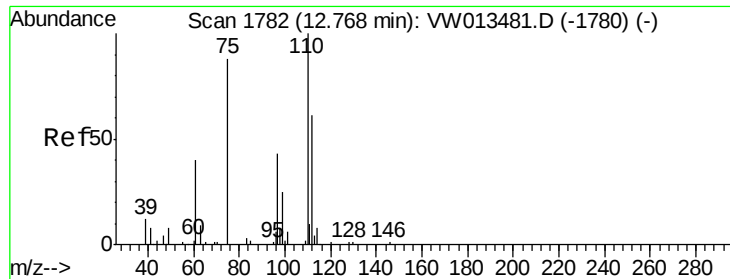
Tot Ion:	43	Resp:	85656
Ion	Ratio	Lower	Upper
43	100		
70	9.1	35.3	52.9#
55	0.0	20.0	30.0#
61	0.0	21.2	31.8#



#75
1,1,2,2-Tetrachloroethane
Concen: 10.871 ug/l
RT: 12.69 min Scan# 1769
Delta R.T. -0.02 min
Lab File: VW013492.D
Acq: 08 Oct 2019 17:38

Tgt Ion:	83	Resp:	19671
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.9	17.7#
85	68.5	32.5	97.4

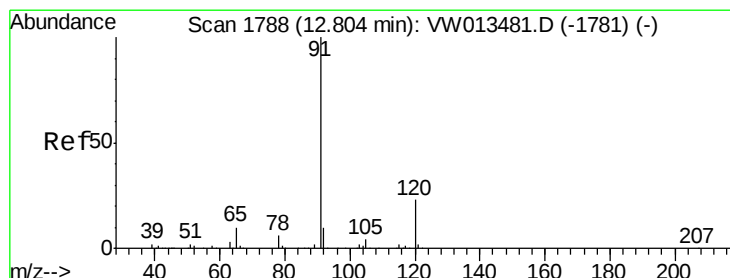
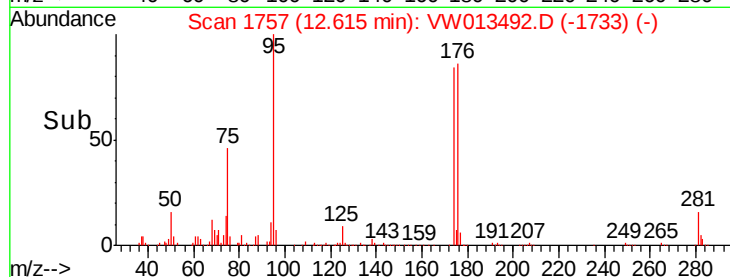
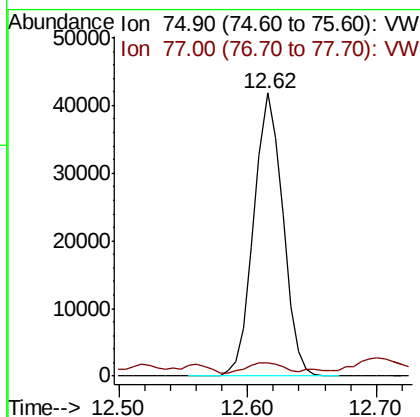
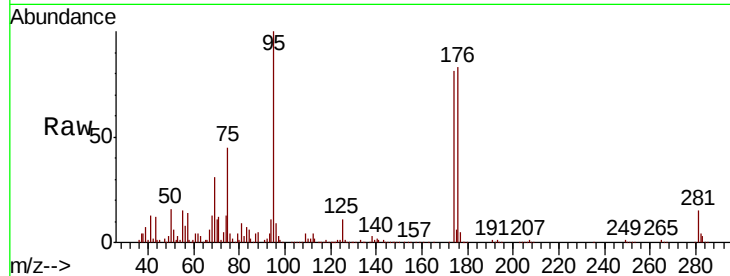




#76
 1,2,3-Trichloropropane
 Concen: 52.804 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW013492.D
 Acq: 08 Oct 2019 17:38

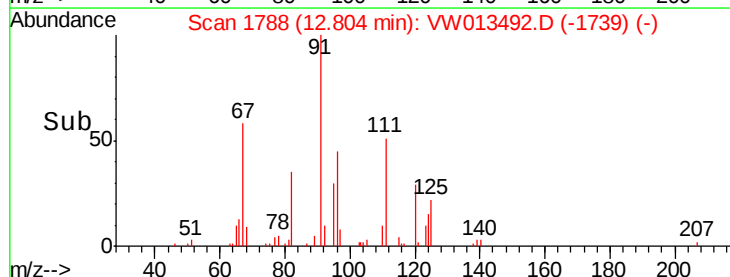
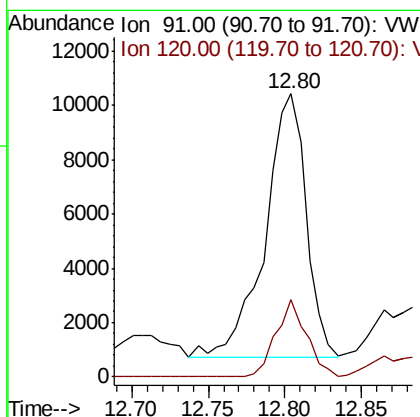
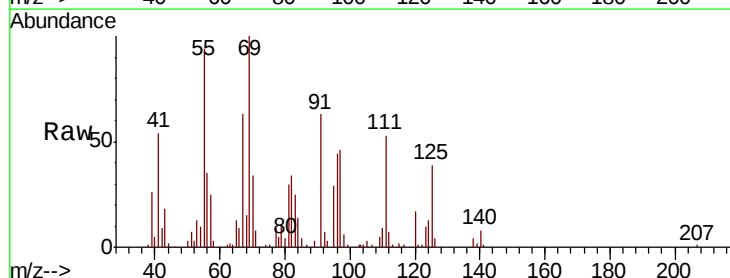
Instrument :
 MSVOA_W
 ClientSampleId :

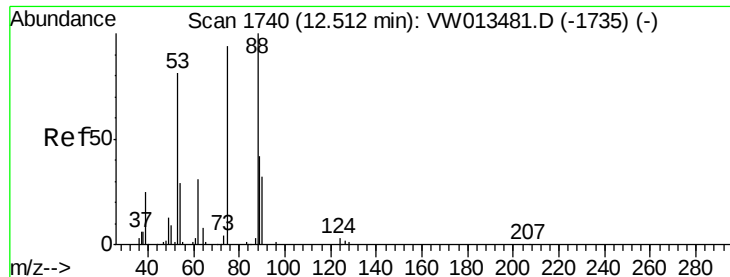
Tot Ion: 75 Resp: 65180
 Ion Ratio Lower Upper
 75 100
 77 4.3 0.0 0.0#



#78
 n-propylbenzene
 Concen: 1.494 ug/l
 RT: 12.80 min Scan# 1788
 Delta R.T. -0.00 min
 Lab File: VW013492.D
 Acq: 08 Oct 2019 17:38

Tgt Ion: 91 Resp: 18338
 Ion Ratio Lower Upper
 91 100
 120 21.5 11.7 35.1





#81

trans-1,4-Dichloro-2-butene

Concen: 107.939 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013492.D

Acq: 08 Oct 2019 17:38

Instrument :

MSVOA_W

ClientSampleId :

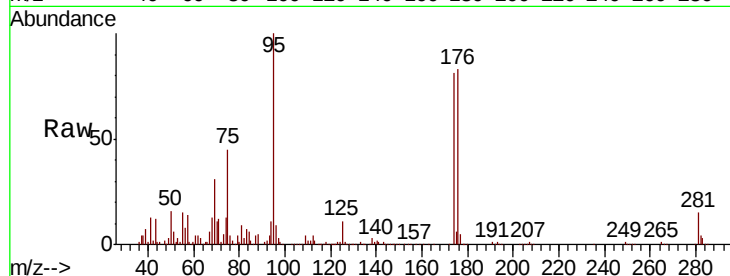
Tot Ion: 75 Resp: 65180

Ion Ratio Lower Upper

75 100

53 5.8 71.0 106.6#

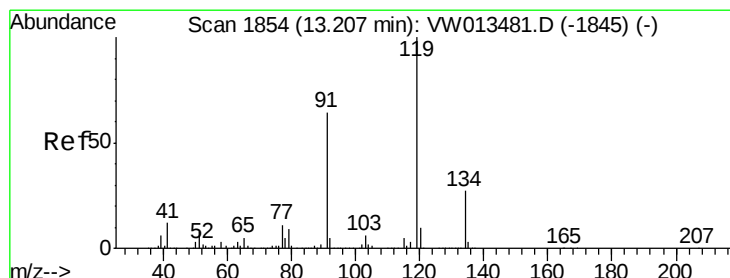
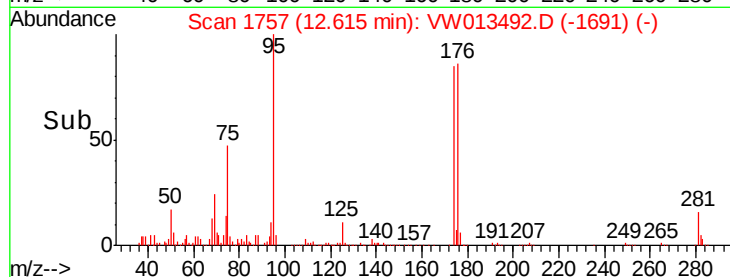
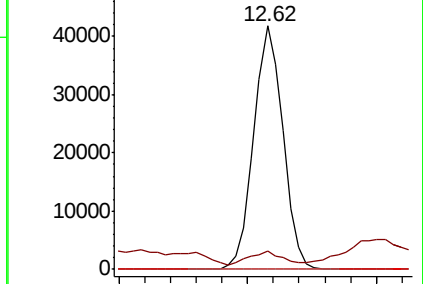
89 0.3 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#83

tert-Butylbenzene

Concen: 1.362 ug/l

RT: 13.44 min Scan# 1892

Delta R.T. 0.23 min

Lab File: VW013492.D

Acq: 08 Oct 2019 17:38

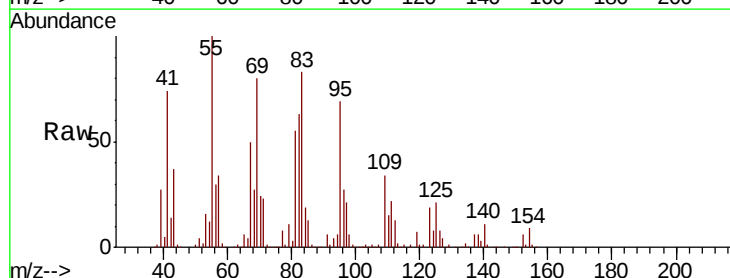
Tgt Ion: 119 Resp: 10668

Ion Ratio Lower Upper

119 100

91 69.4 30.6 91.6

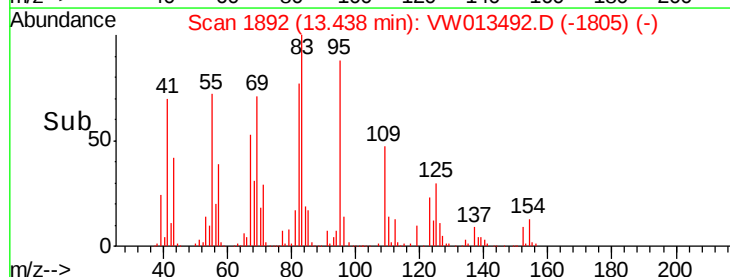
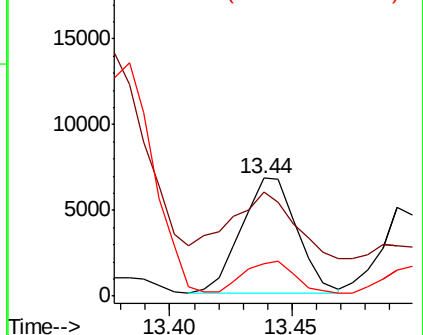
134 26.2 13.8 41.3

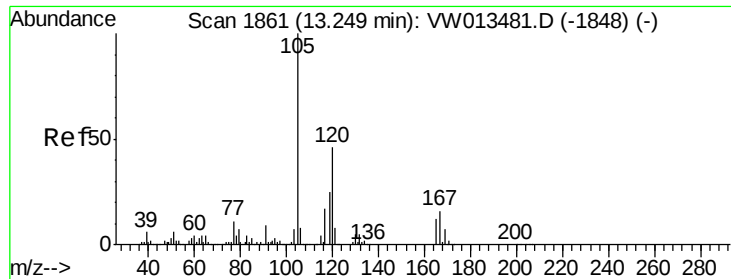


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V

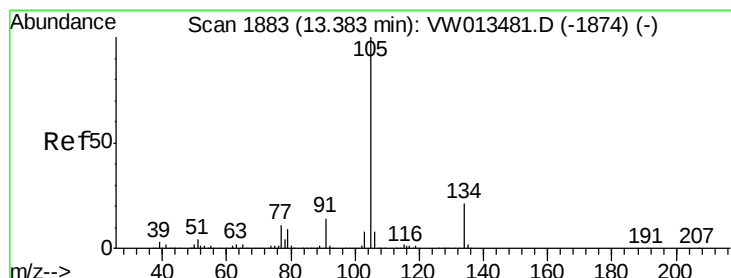
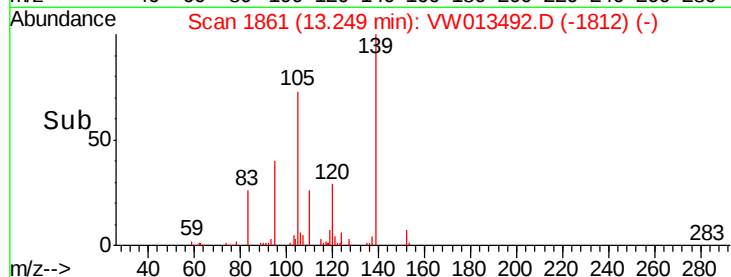
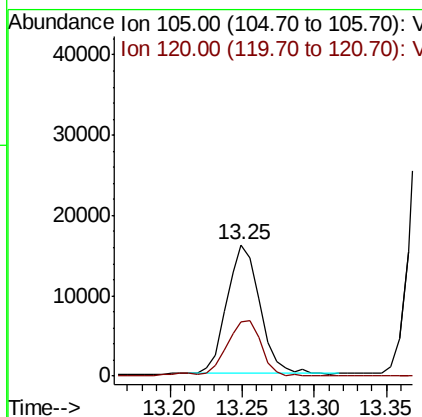
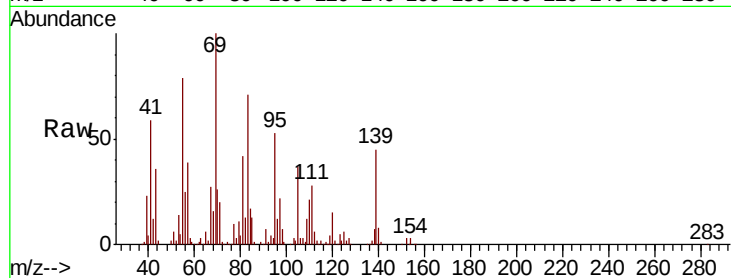




#84
 1,2,4-Trimethylbenzene
 Concen: 2.946 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW013492.D
 Acq: 08 Oct 2019 17:38

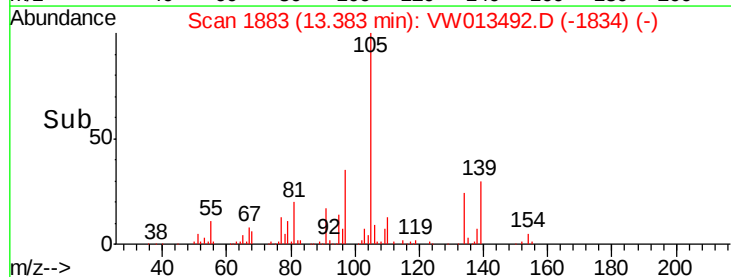
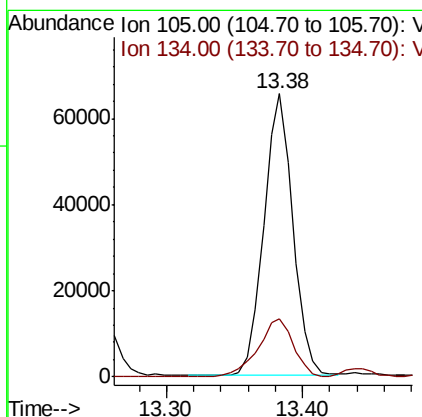
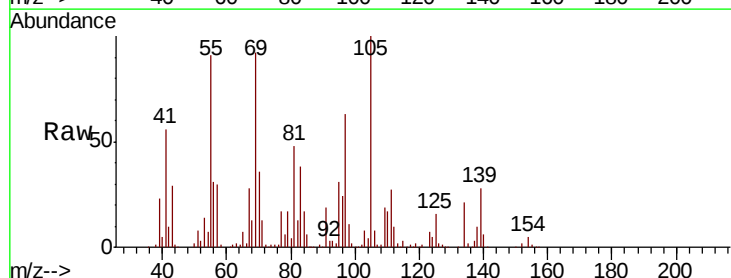
Instrument :
 MSVOA_W
 ClientSampleId :

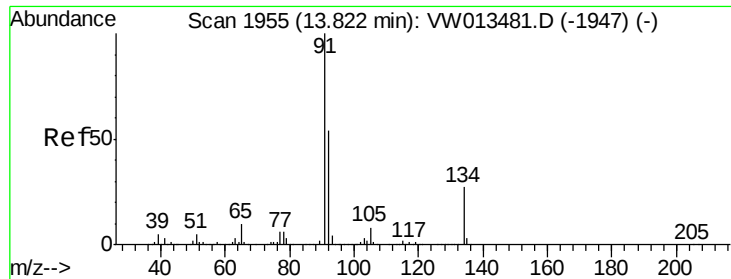
Tot Ion:105 Resp: 25705
 Ion Ratio Lower Upper
 105 100
 120 44.8 23.2 69.5



#85
 sec-Butylbenzene
 Concen: 9.043 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW013492.D
 Acq: 08 Oct 2019 17:38

Tgt Ion:105 Resp: 97881
 Ion Ratio Lower Upper
 105 100
 134 25.1 10.4 31.4





#89

n-Butylbenzene

Concen: 5.009 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW013492.D

Acq: 08 Oct 2019 17:38

Instrument :

MSVOA_W

ClientSampled :

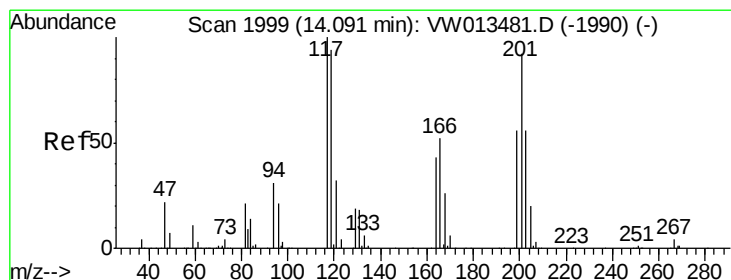
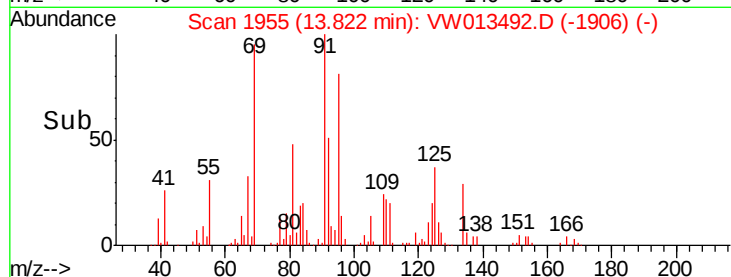
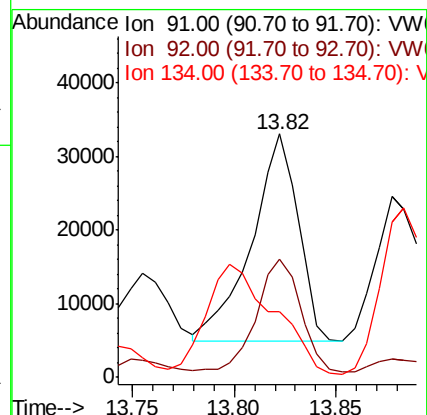
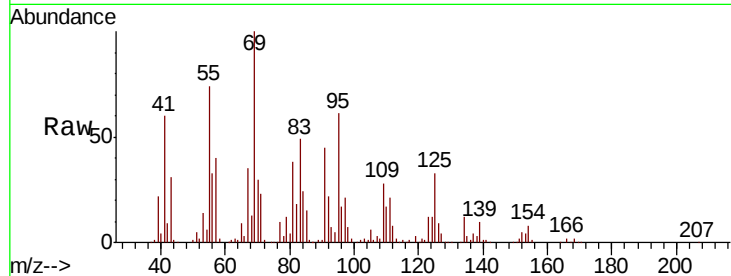
Tot Ion: 91 Resp: 44996

Ion Ratio Lower Upper

91 100

92 51.7 27.5 82.4

134 0.0 13.8 41.3#



#90

Hexachloroethane

Concen: 19.258 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.01 min

Lab File: VW013492.D

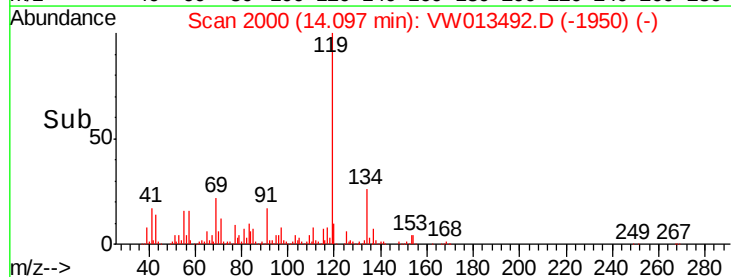
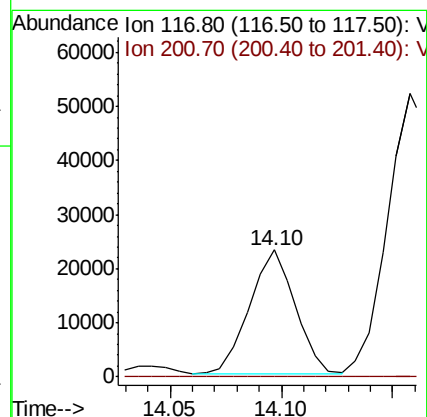
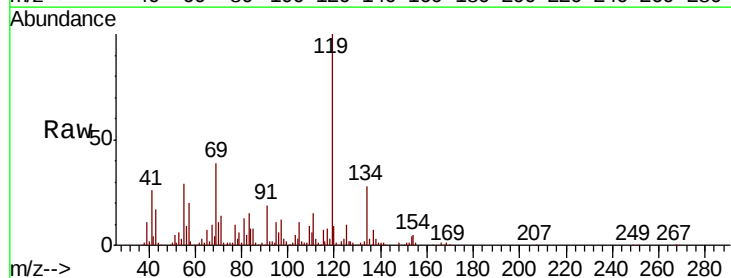
Acq: 08 Oct 2019 17:38

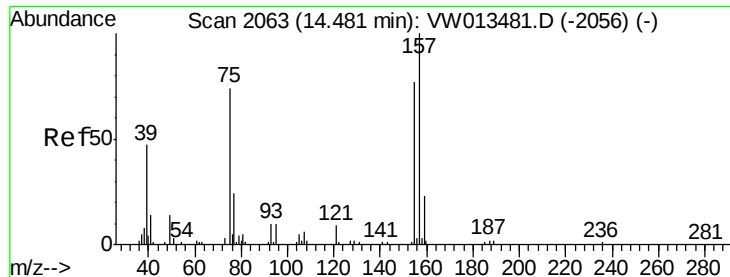
Tgt Ion: 117 Resp: 32771

Ion Ratio Lower Upper

117 100

201 0.0 46.9 140.7#





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.631 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.01 min

Lab File: VW013492.D

Acq: 08 Oct 2019 17:38

Instrument :

MSVOA_W

ClientSampled :

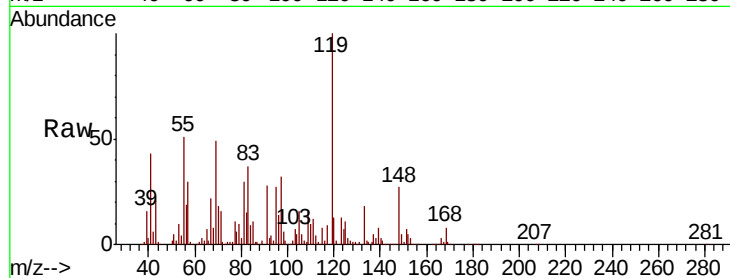
Tot Ion: 75 Resp: 759

Ion Ratio Lower Upper

75 100

155 71.0 51.0 153.1

157 0.0 65.9 197.7#



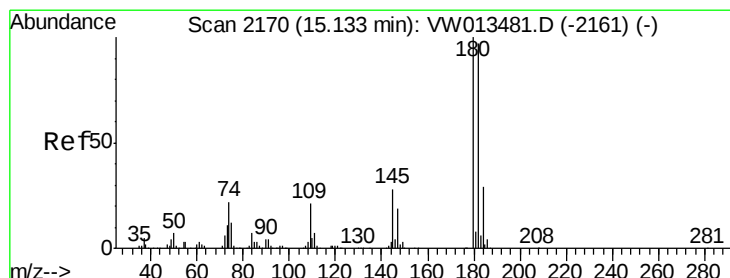
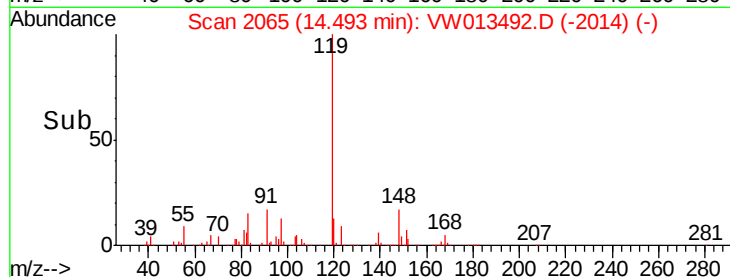
Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

14.49

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 1.059 ug/l

RT: 15.13 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VW013492.D

Acq: 08 Oct 2019 17:38

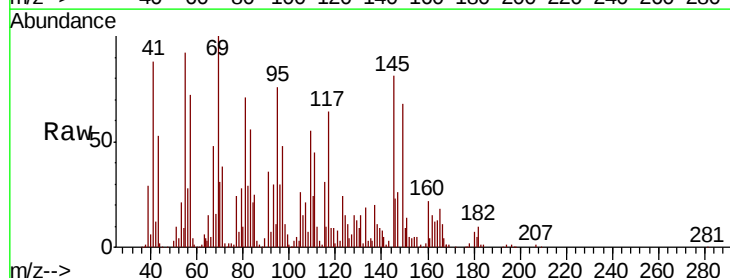
Tgt Ion:180 Resp: 3152

Ion Ratio Lower Upper

180 100

182 254.8 47.7 143.1#

145 4107.6 14.0 41.9#



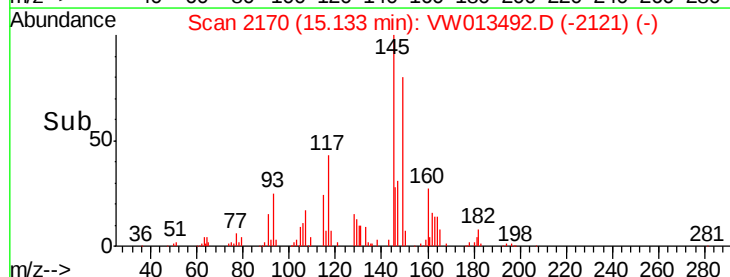
Abundance Ion 179.80 (179.50 to 180.50): V

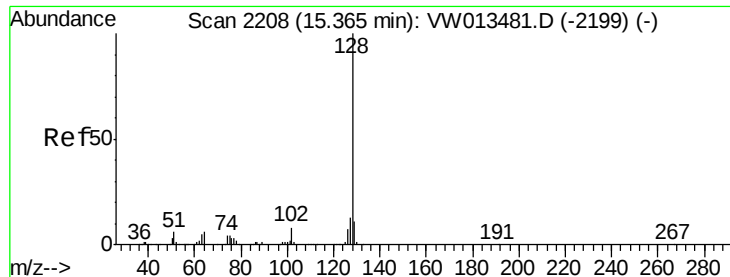
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

15.13

Time-->

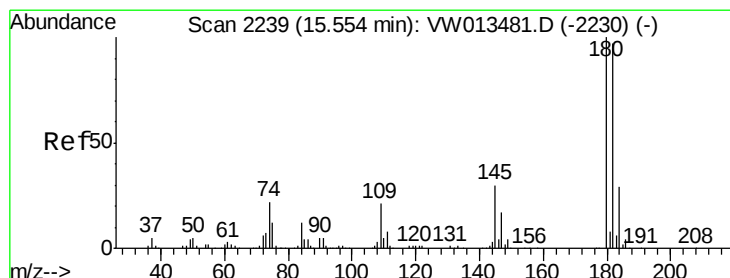
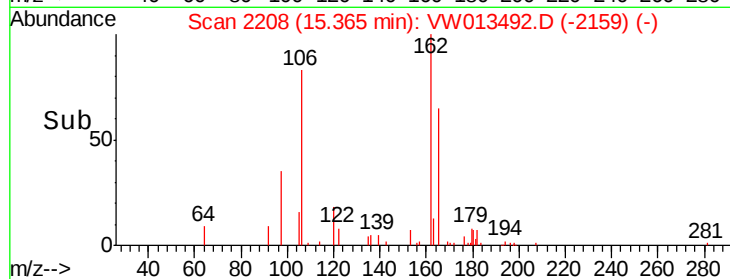
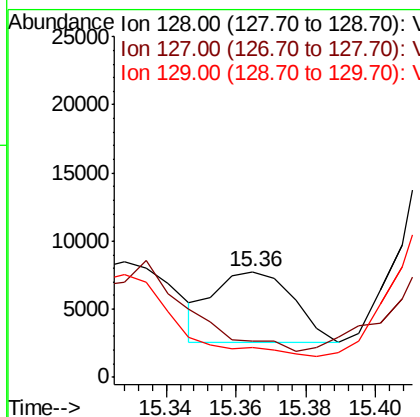
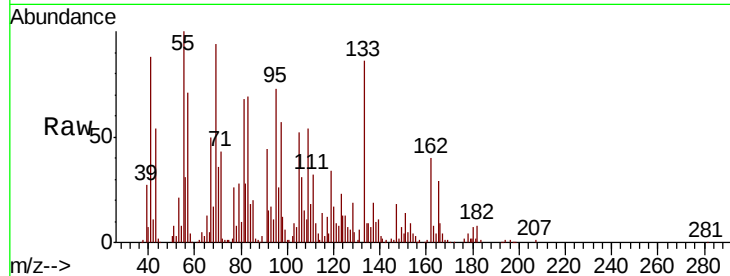




#95
Naphthalene
Concen: 1.585 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW013492.D
Acq: 08 Oct 2019 17:38

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:128 Resp: 8165
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 3.568 ug/l
RT: 15.57 min Scan# 2242
Delta R.T. 0.02 min
Lab File: VW013492.D
Acq: 08 Oct 2019 17:38

Tgt Ion:180 Resp: 9290
Ion Ratio Lower Upper
180 100
182 0.0 47.7 143.1#
145 918.6 14.9 44.9#

