

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV100819\
 Data File : VW013491.D
 Acq On : 08 Oct 2019 17:12
 Operator : SY/VA
 Sample : K5213-08
 Misc : 5.09G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 09 06:02:40 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	17287	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	23357	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	16703	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	5326	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	6830	51.14	ug/l	0.00
Spiked Amount			Recovery	=	102.28%	
35) Dibromofluoromethane	7.88	113	7279	55.80	ug/l	0.00
Spiked Amount			Recovery	=	111.60%	
50) Toluene-d8	10.33	98	25792	47.05	ug/l	0.00
Spiked Amount			Recovery	=	94.10%	
62) 4-Bromofluorobenzene	12.62	95	6084	33.04	ug/l	0.00
Spiked Amount			Recovery	=	66.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.35	62	553	3.725	ug/l	99
11) Tert butyl alcohol	5.12	59	390	6.831	ug/l #	72
16) Acetone	4.12	43	1226	39.446	ug/l #	87
17) Carbon Disulfide	4.40	76	3842	9.123	ug/l	96
20) Methylene Chloride	4.90	84	973	2.654	ug/l #	54
25) 2-Butanone	7.20	43	83	1.812	ug/l #	47
26) 2,2-Dichloropropane	7.13	77	602	3.537	ug/l #	75
27) cis-1,2-Dichloroethene	7.17	96	10430	61.827	ug/l	95
31) Cyclohexane	7.94	56	408	1.460	ug/l #	54
36) 1,1-Dichloropropene	7.94	75	1158	5.481	ug/l #	41
38) Carbon Tetrachloride	7.95	117	1526	8.147	ug/l #	12
39) Methylcyclohexane	9.33	83	331	1.209	ug/l #	41
44) Trichloroethene	9.11	130	1801	10.704	ug/l	40
51) 4-Methyl-2-Pentanone	10.23	43	386	4.239	ug/l #	34
55) 1,1,2-Trichloroethane	10.76	97	695	6.565	ug/l #	21
56) Ethyl methacrylate	10.67	69	192	1.347	ug/l #	1
59) 2-Hexanone	10.98	43	116	1.858	ug/l #	23
60) Dibromochloromethane	10.87	129	4986	40.957	ug/l #	12
64) Tetrachloroethene	10.86	164	6028	49.035	ug/l	92
73) Isopropylbenzene	12.46	105	597	1.565	ug/l	79
74) N-amyl acetate	12.25	43	4305	51.596	ug/l #	64
75) 1,1,2,2-Tetrachloroethane	12.74	83	81	1.246	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	2593	58.456	ug/l #	100
78) n-propylbenzene	12.80	91	770	1.745	ug/l	99
79) 2-Chlorotoluene	12.90	91	879	3.556	ug/l #	56
80) 1,3,5-Trimethylbenzene	12.94	105	693	2.186	ug/l	69
81) trans-1,4-Dichloro-2-buten	12.62	75	2593	119.494	ug/l #	24
82) 4-Chlorotoluene	13.16	91	334	1.302	ug/l	83
83) tert-Butylbenzene	13.21	119	594	2.110	ug/l #	64
84) 1,2,4-Trimethylbenzene	13.25	105	810	2.584	ug/l	84
85) sec-Butylbenzene	13.38	105	3603	9.263	ug/l	86
86) p-Isopropyltoluene	13.49	119	675	1.889	ug/l #	55
89) n-Butylbenzene	13.82	91	2376	7.360	ug/l #	70
90) Hexachloroethane	14.10	117	1326	21.685	ug/l #	3

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100819\
 Data File : VW013491.D
 Acq On : 08 Oct 2019 17:12
 Operator : SY/VA
 Sample : K5213-08
 Misc : 5.09G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 09 06:02:40 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

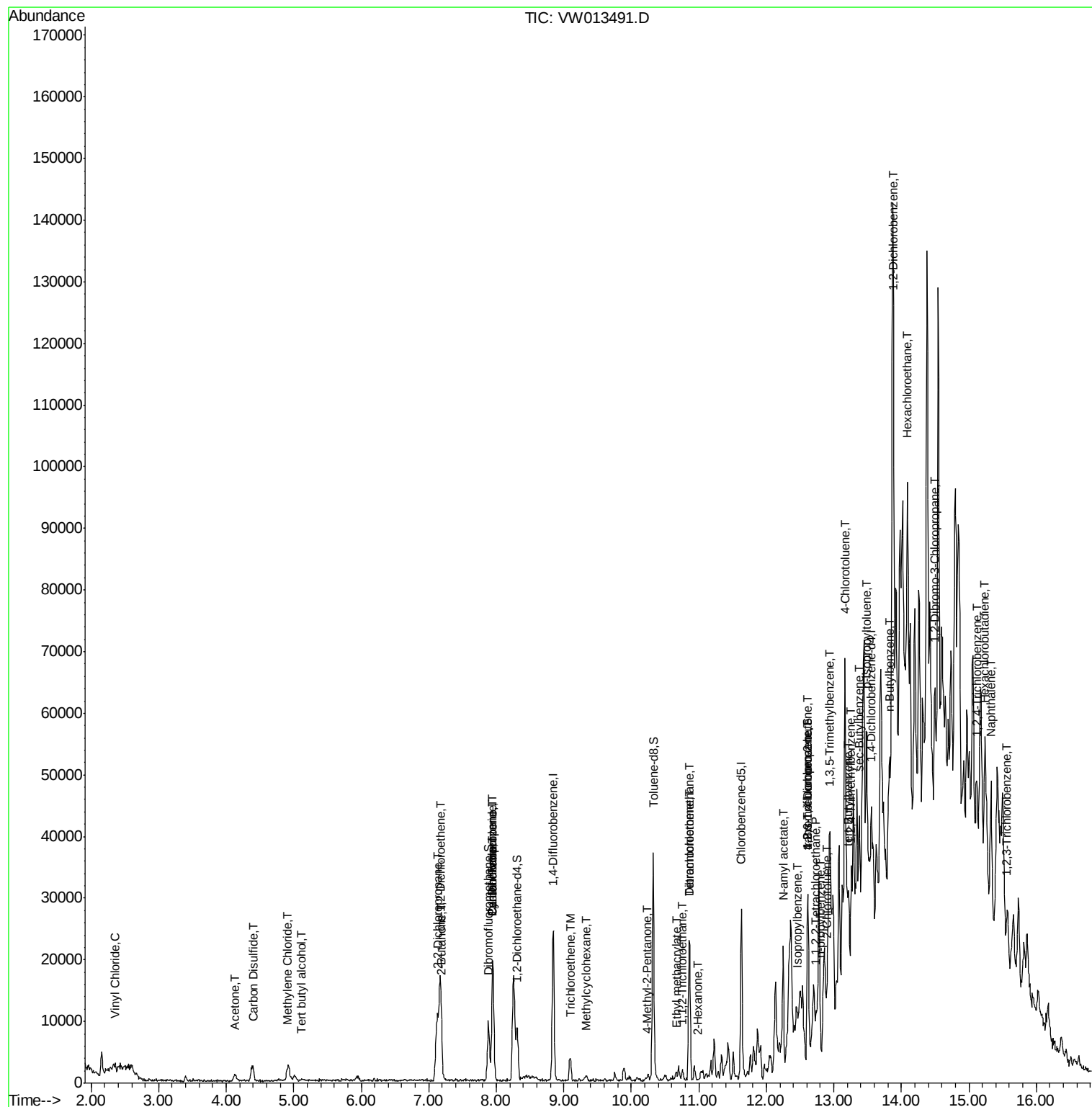
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	13.87	146	278	1.836	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.51	75	84	8.103	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.13	180	966	9.029	ug/l #	1
94) Hexachlorobutadiene	15.23	225	149	2.096	ug/l #	70
95) Naphthalene	15.32	128	430	2.323	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.55	180	1014	10.838	ug/l #	1

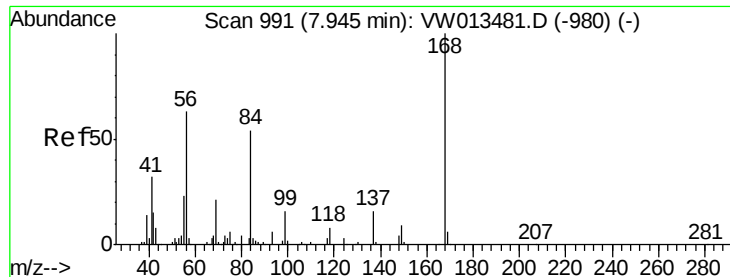
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100819\
Data File : VW013491.D
Acq On : 08 Oct 2019 17:12
Operator : SY/VA
Sample : K5213-08
Misc : 5.09G/5ML/MSVOA W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Oct 09 06:02:40 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 09 05:54:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW013491.D

Acq: 08 Oct 2019 17:12

Instrument :

MSVOA_W

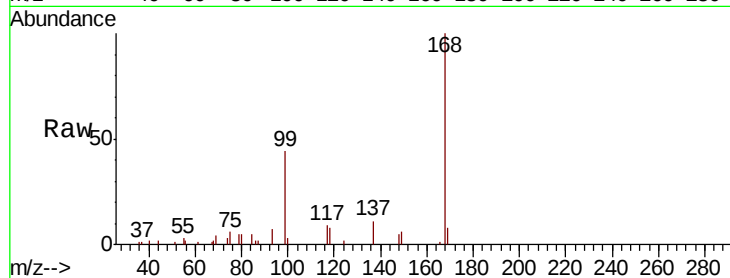
ClientSampled :

Tot Ion:168 Resp: 17287

Ion Ratio Lower Upper

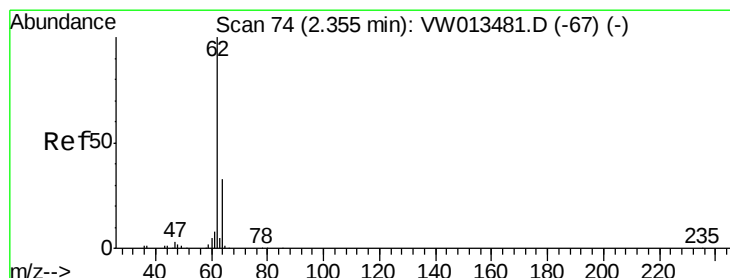
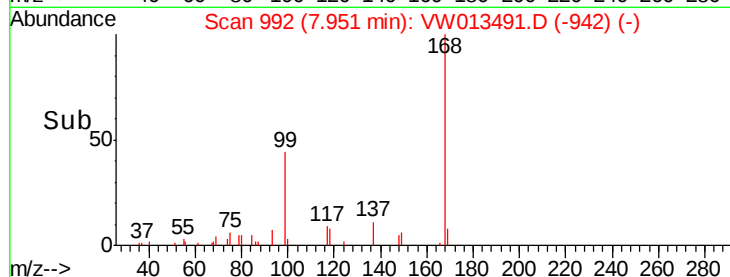
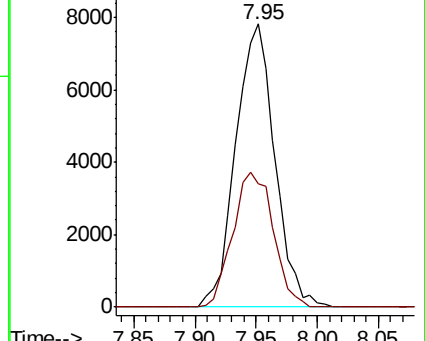
168 100

99 43.6 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#4

Vinyl Chloride

Concen: 3.725 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW013491.D

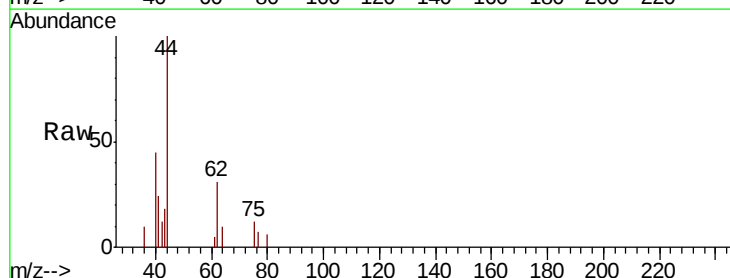
Acq: 08 Oct 2019 17:12

Tgt Ion: 62 Resp: 553

Ion Ratio Lower Upper

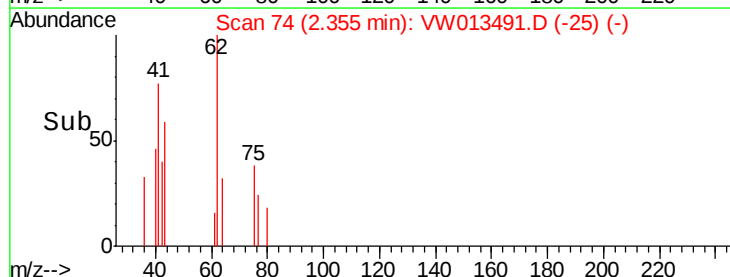
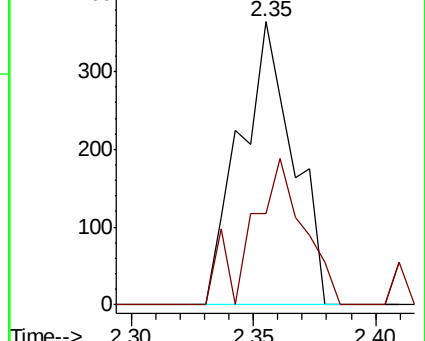
62 100

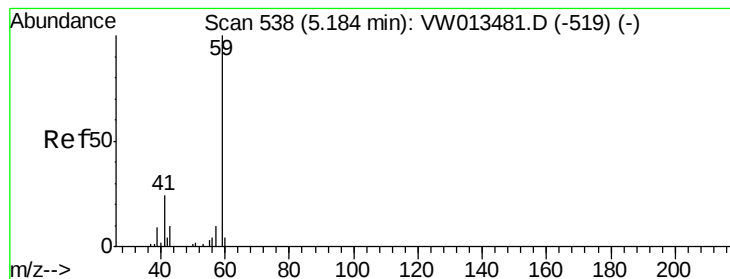
64 32.4 26.6 39.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW



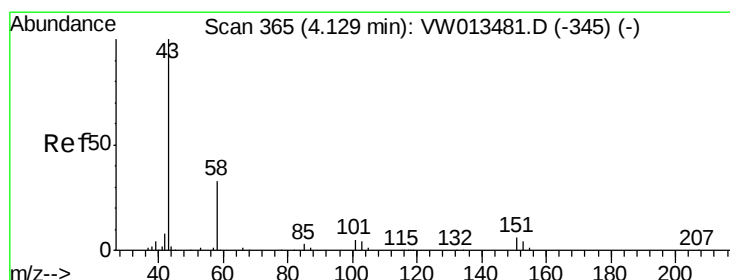
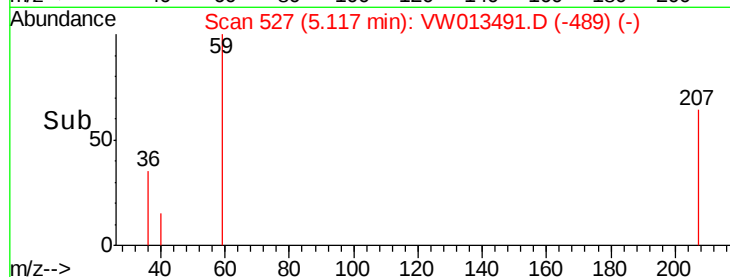
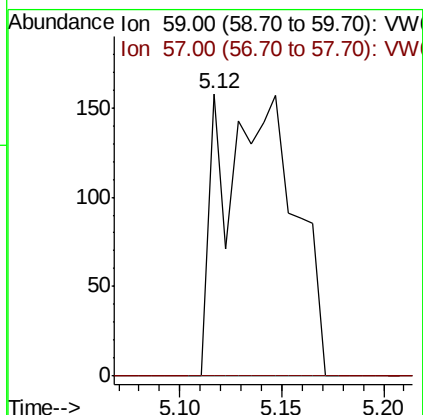
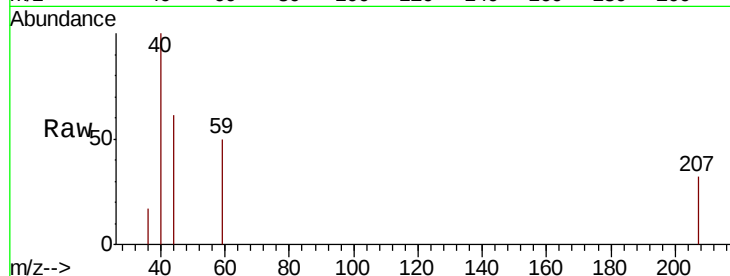


#11

Tert butyl alcohol
Concen: 6.831 ug/l
RT: 5.12 min Scan# 527
Delta R.T. -0.07 min
Lab File: VW013491.D
Acq: 08 Oct 2019 17:12

Instrument :
MSVOA_W
ClientSampled :

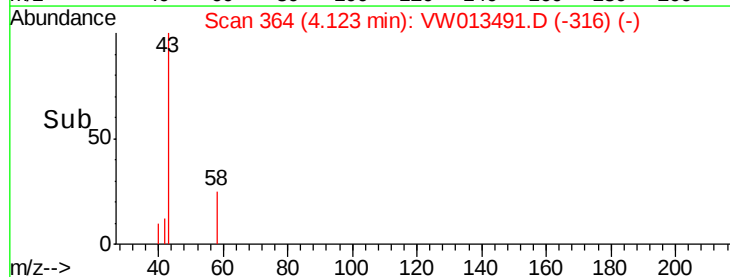
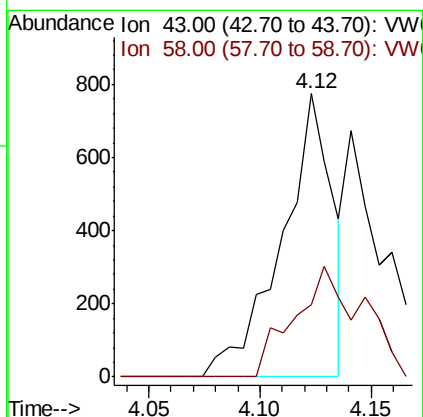
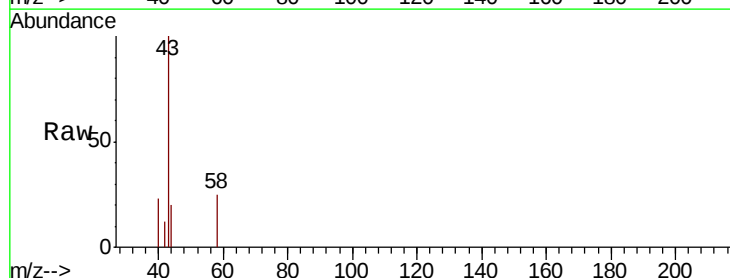
Tot Ion: 59 Resp: 390
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

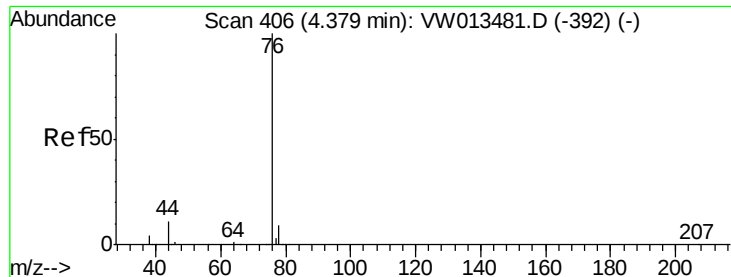


#16

Acetone
Concen: 39.446 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.01 min
Lab File: VW013491.D
Acq: 08 Oct 2019 17:12

Tgt Ion: 43 Resp: 1226
Ion Ratio Lower Upper
43 100
58 25.3 26.1 39.1#





#17

Carbon Disulfide

Concen: 9.123 ug/l

RT: 4.40 min Scan# 409

Delta R.T. 0.02 min

Lab File: VW013491.D

Acq: 08 Oct 2019 17:12

Instrument :

MSVOA_W

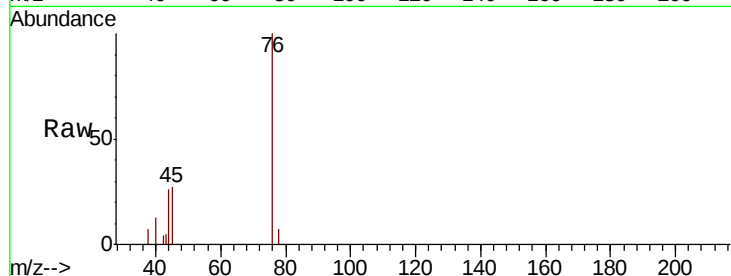
ClientSampleId :

Tot Ion: 76 Resp: 3842

Ion Ratio Lower Upper

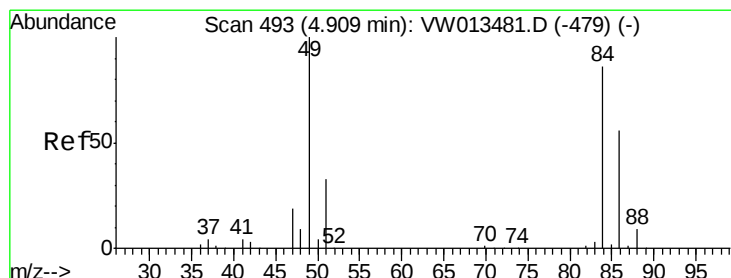
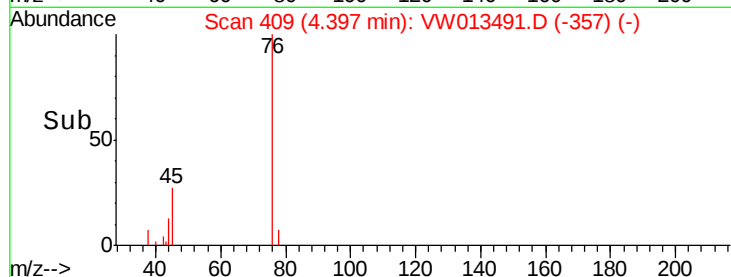
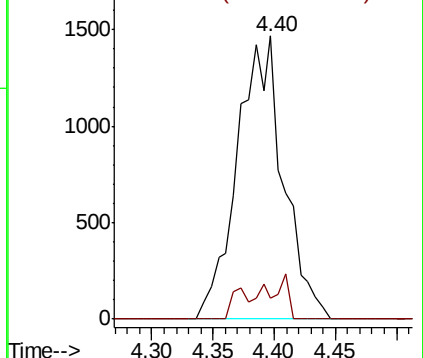
76 100

78 7.4 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: 2.654 ug/l

RT: 4.90 min Scan# 491

Delta R.T. -0.01 min

Lab File: VW013491.D

Acq: 08 Oct 2019 17:12

Tgt Ion: 84 Resp: 973

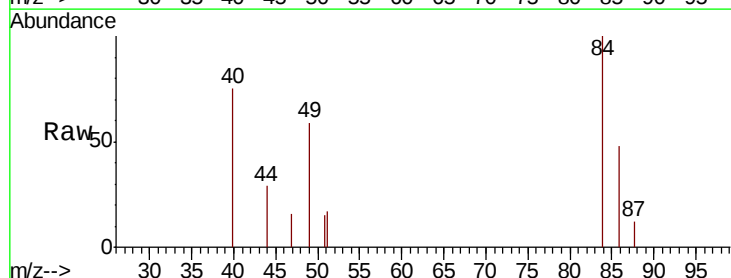
Ion Ratio Lower Upper

84 100

49 39.8 93.4 140.0#

51 31.5 30.6 46.0

86 48.0 52.3 78.5#

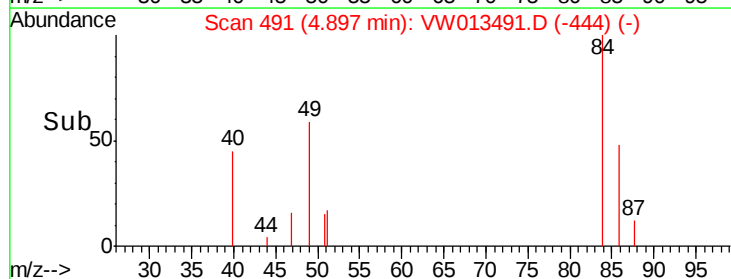
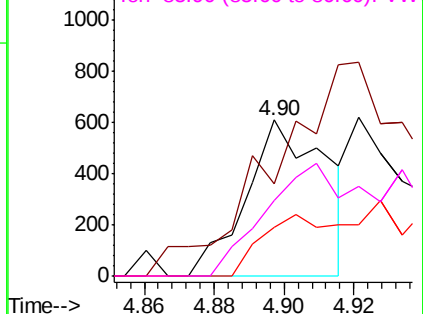


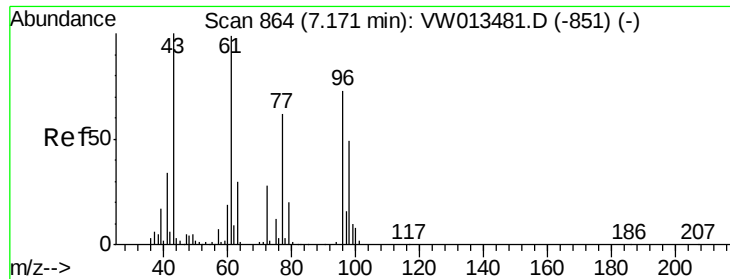
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#25

2-Butanone

Concen: 1.812 ug/l

RT: 7.20 min Scan# 868

Delta R.T. 0.02 min

Lab File: VW013491.D

Acq: 08 Oct 2019 17:12

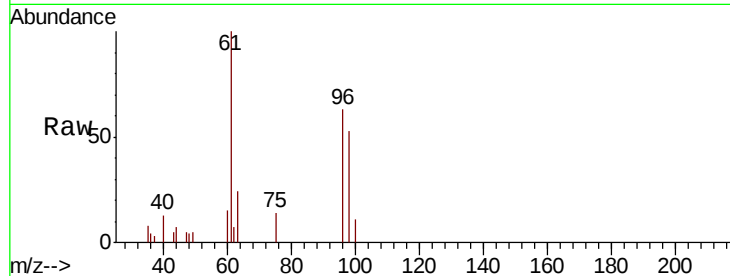
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 83

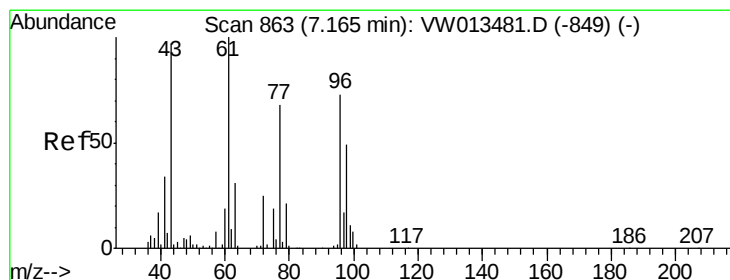
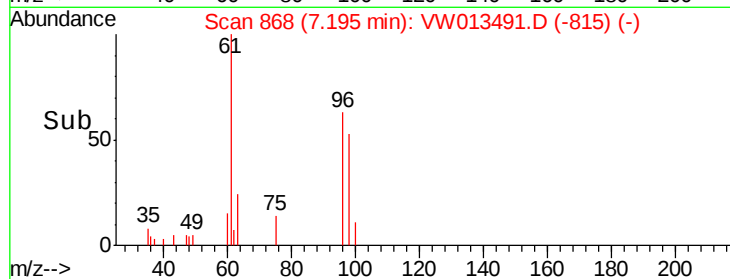
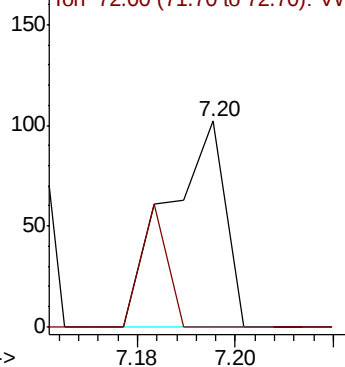
Ion Ratio Lower Upper

43 100

72 0.0 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: 3.537 ug/l

RT: 7.13 min Scan# 857

Delta R.T. -0.04 min

Lab File: VW013491.D

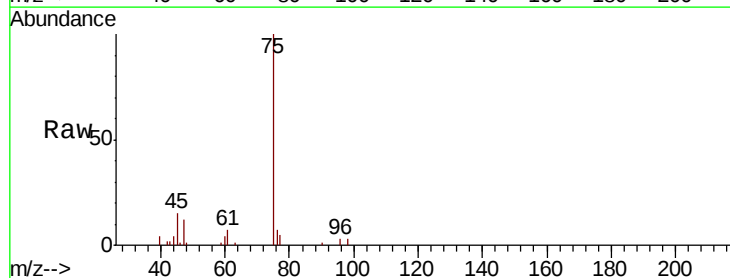
Acq: 08 Oct 2019 17:12

Tgt Ion: 77 Resp: 602

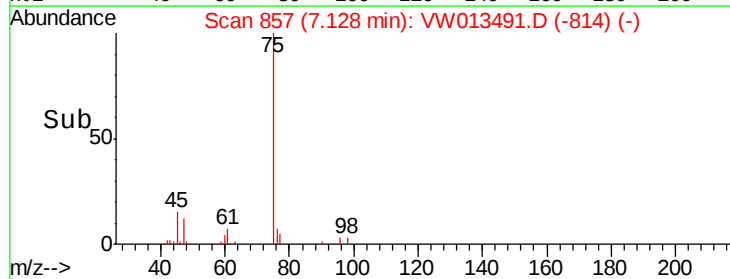
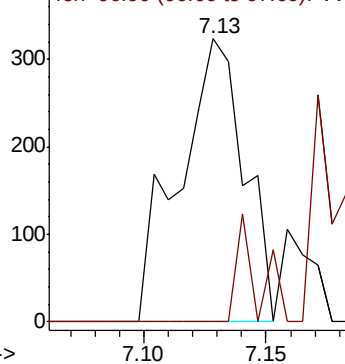
Ion Ratio Lower Upper

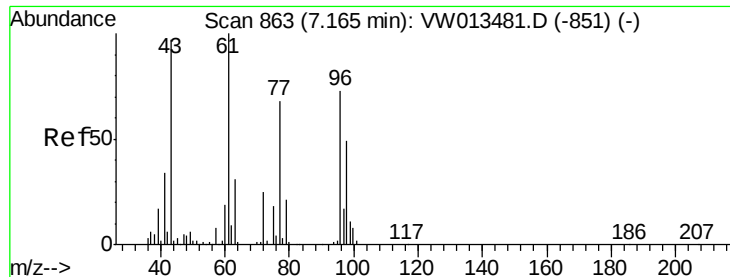
77 100

97 12.5 12.6 37.6#



Abundance Ion 76.90 (76.60 to 77.60): VW
Ion 96.90 (96.60 to 97.60): VW



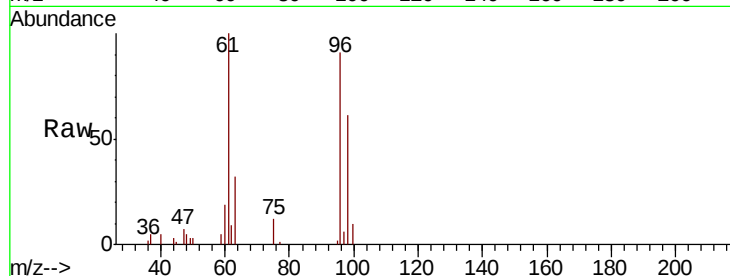


#27

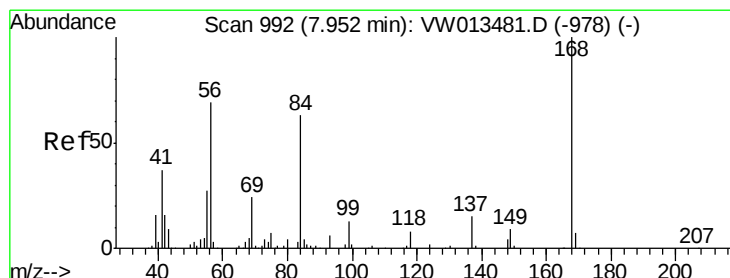
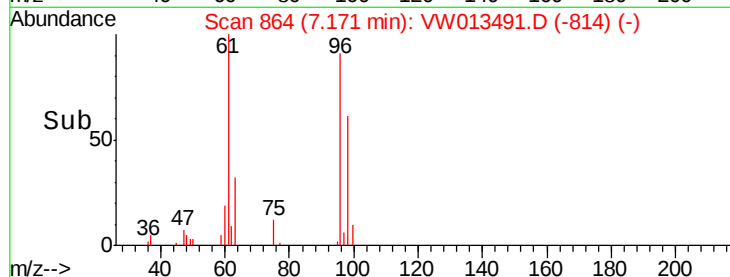
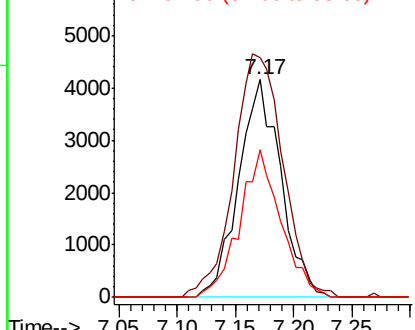
cis-1,2-Dichloroethene
Concen: 61.827 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW013491.D
Acq: 08 Oct 2019 17:12

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.5	0.0	274.4
98	66.9	0.0	130.2



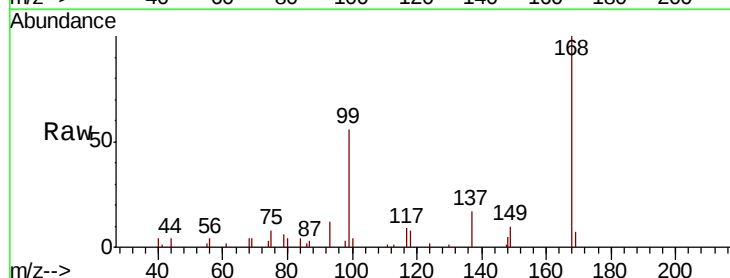
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



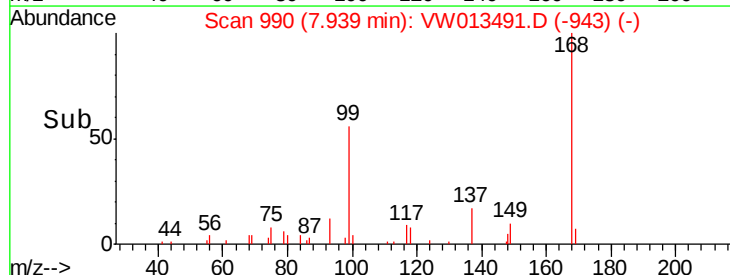
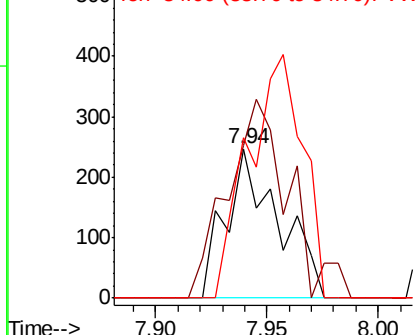
#31

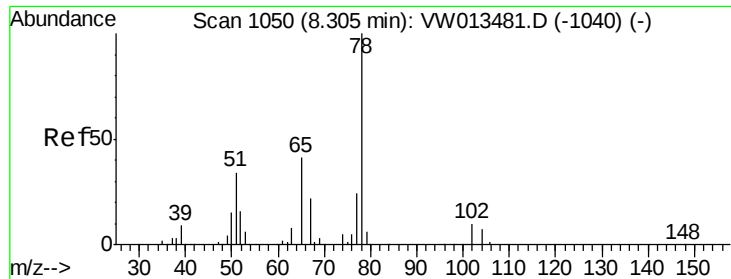
Cyclohexane
Concen: 1.460 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW013491.D
Acq: 08 Oct 2019 17:12

Tgt Ion	Ratio	Lower	Upper
56	100		
69	102.4	28.0	42.0#
84	107.3	71.8	107.6



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

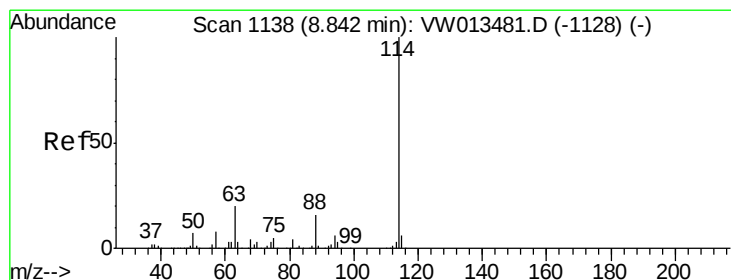
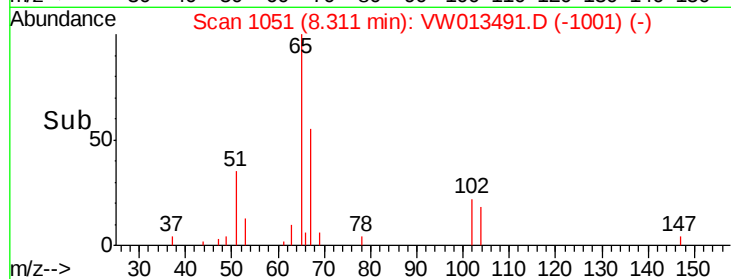
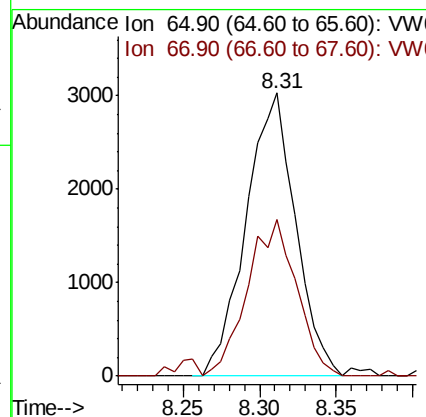
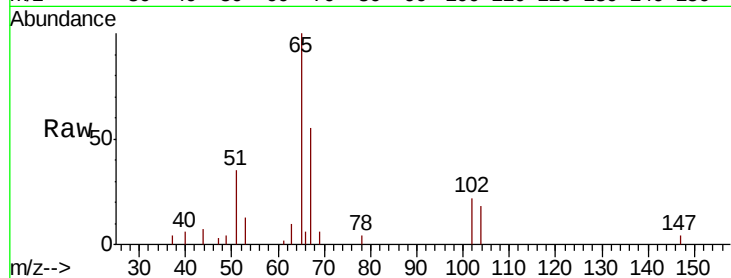




#33
 1,2-Dichloroethane-d4
 Concen: 51.138 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VW013491.D
 Acq: 08 Oct 2019 17:12

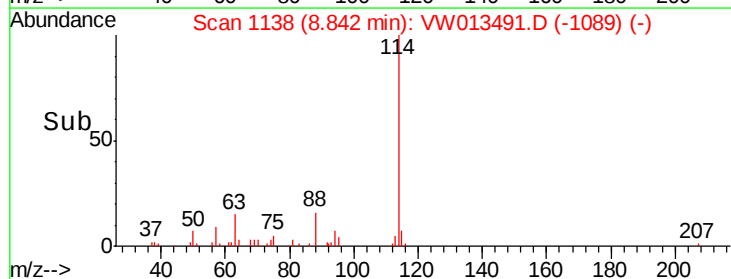
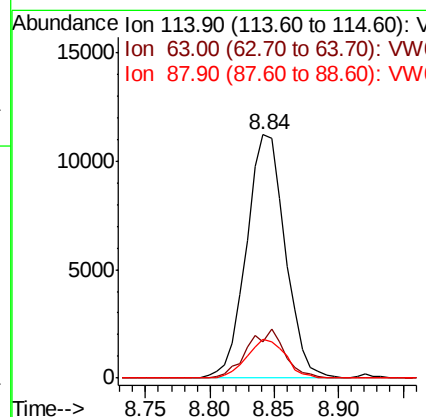
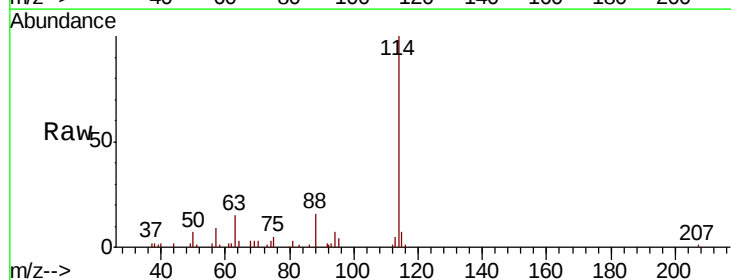
Instrument :
 MSVOA_W
 ClientSampleId :

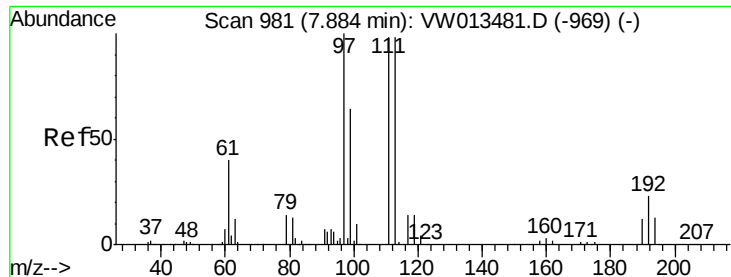
Tot Ion: 65 Resp: 6830
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013491.D
 Acq: 08 Oct 2019 17:12

Tgt Ion: 114 Resp: 23357
 Ion Ratio Lower Upper
 114 100
 63 14.8 0.0 40.4
 88 15.8 0.0 31.4

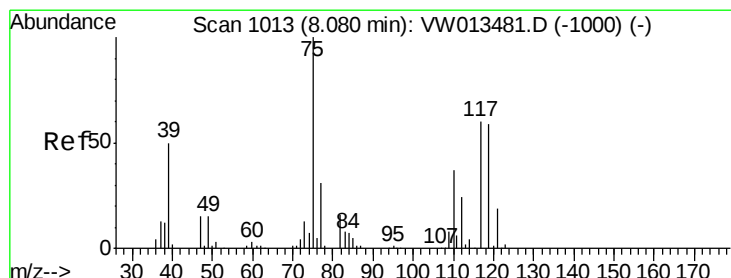
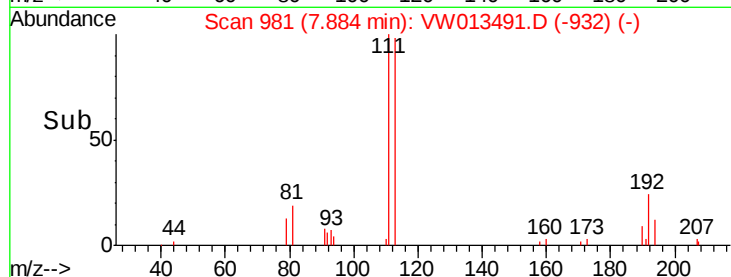
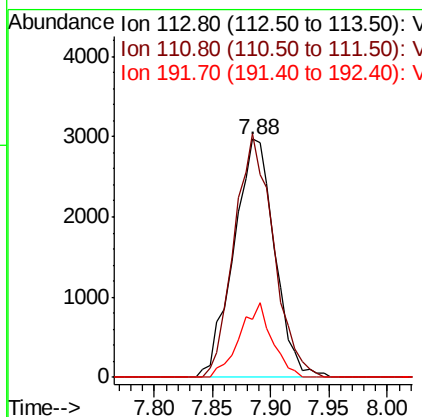
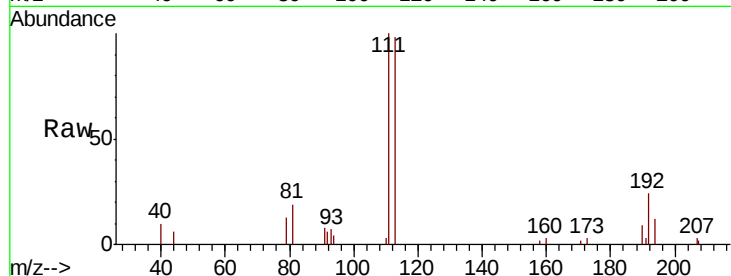




#35
 Dibromofluoromethane
 Concen: 55.798 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW013491.D
 Acq: 08 Oct 2019 17:12

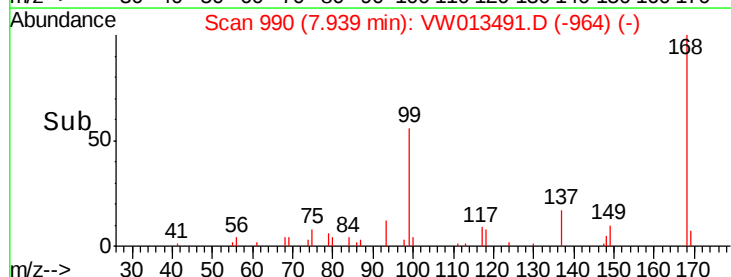
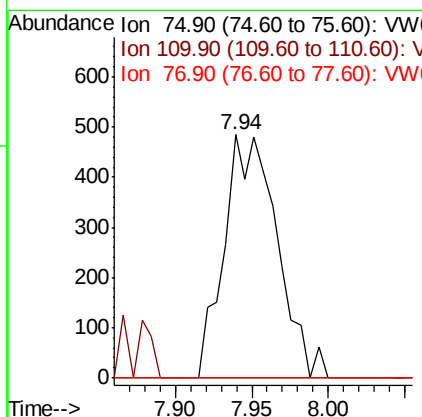
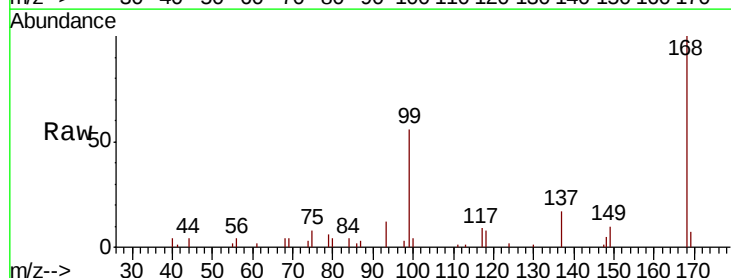
Instrument :
 MSVOA_W
 ClientSampleId :

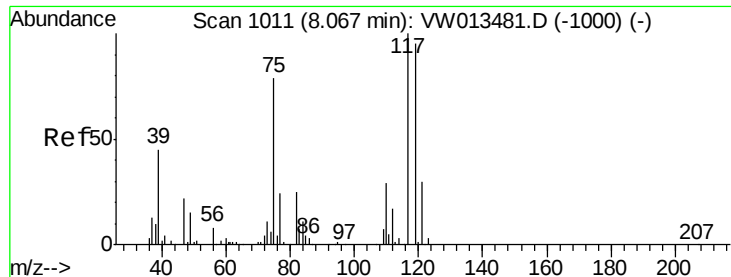
Tot Ion:113 Resp: 7279
 Ion Ratio Lower Upper
 113 100
 111 97.6 82.3 123.5
 192 24.9 19.3 28.9



#36
 1,1-Dichloropropene
 Concen: 5.481 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW013491.D
 Acq: 08 Oct 2019 17:12

Tgt Ion: 75 Resp: 1158
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.4 55.2#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 8.147 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW013491.D

Acq: 08 Oct 2019 17:12

Instrument :

MSVOA_W

ClientSampled :

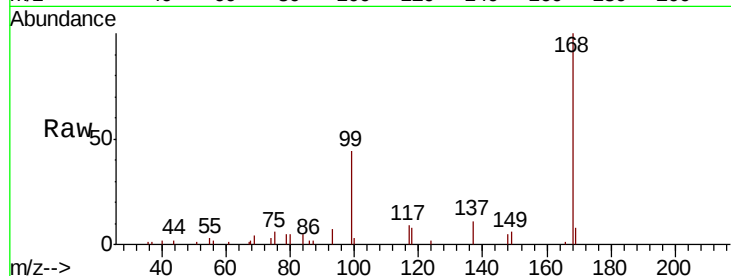
Tot Ion:117 Resp: 1526

Ion Ratio Lower Upper

117 100

119 0.0 76.3 114.5#

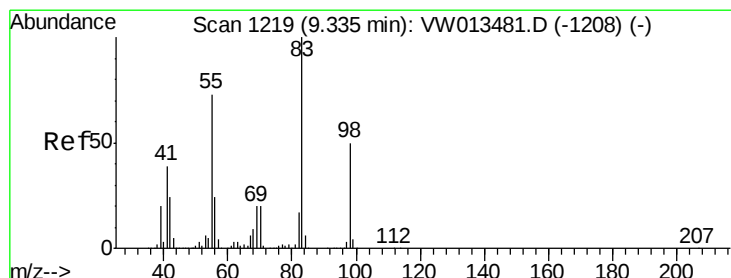
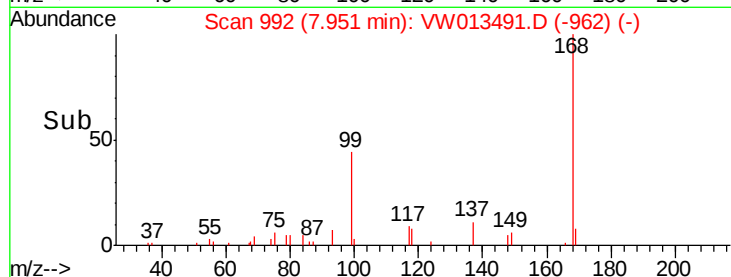
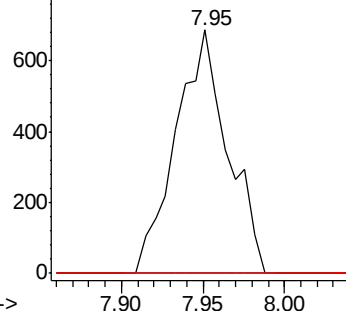
121 0.0 23.6 35.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 1.209 ug/l

RT: 9.33 min Scan# 1218

Delta R.T. -0.01 min

Lab File: VW013491.D

Acq: 08 Oct 2019 17:12

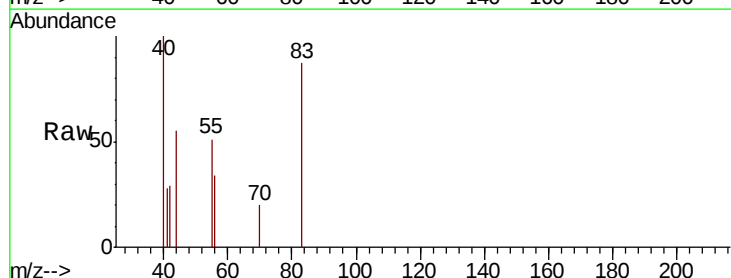
Tgt Ion: 83 Resp: 331

Ion Ratio Lower Upper

83 100

55 30.7 58.2 87.4#

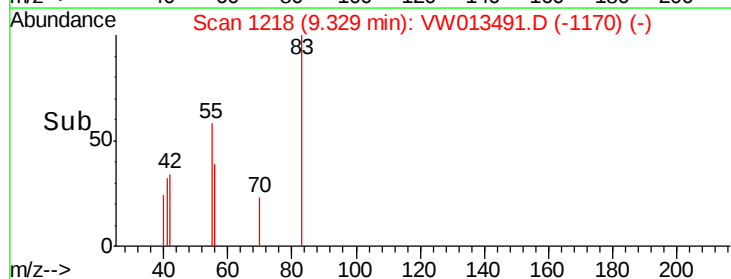
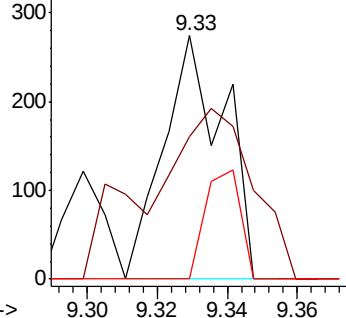
98 0.0 39.8 59.6#

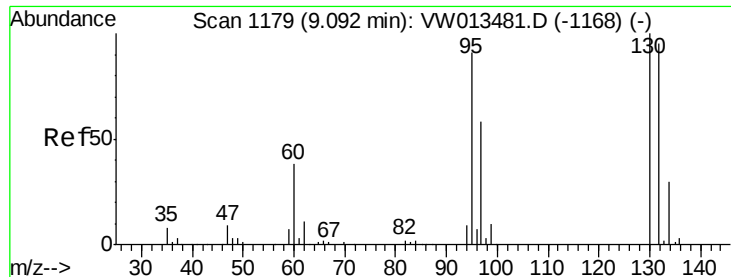


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

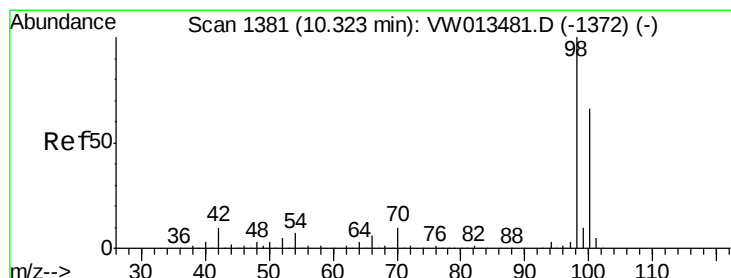
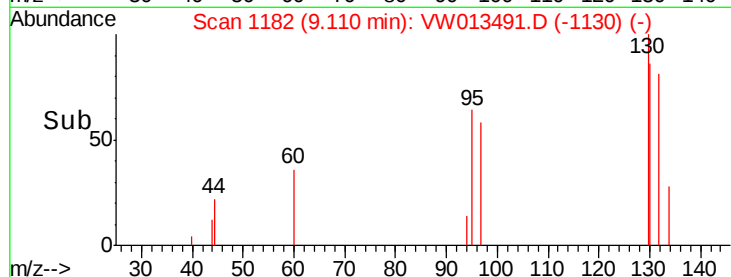
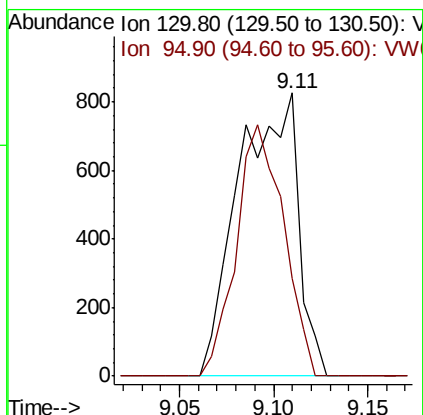
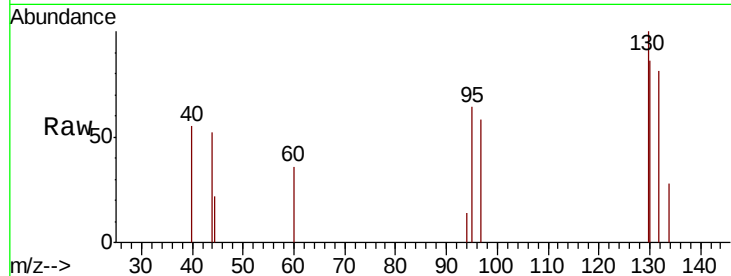




#44
 Trichloroethene
 Concen: 10.704 ug/l
 RT: 9.11 min Scan# 1182
 Delta R.T. 0.02 min
 Lab File: VW013491.D
 Acq: 08 Oct 2019 17:12

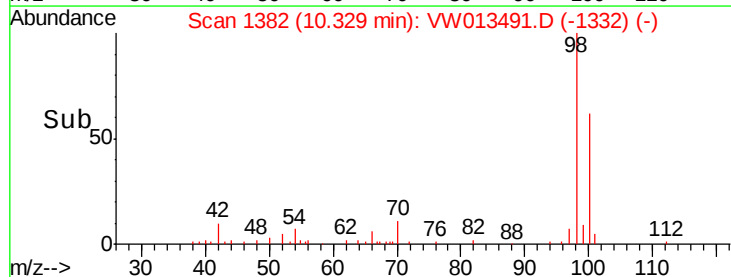
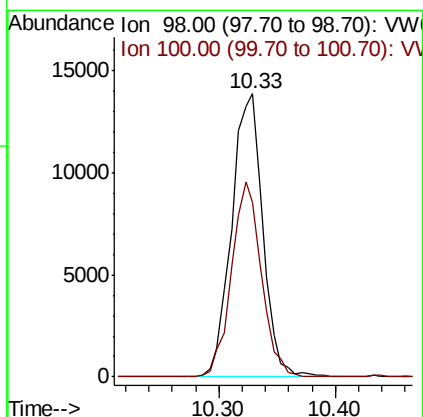
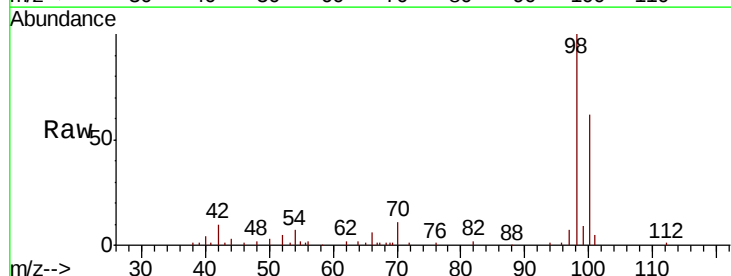
Instrument :
 MSVOA_W
 ClientSampleId :

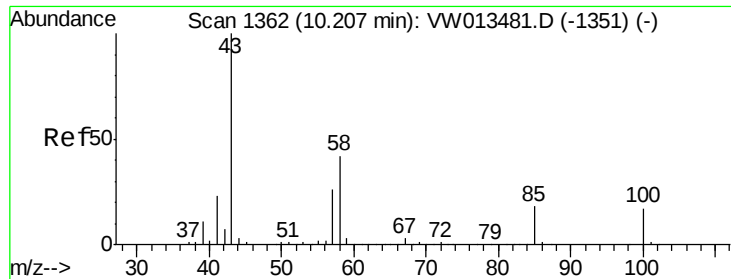
Tot Ion:130 Resp: 1801
 Ion Ratio Lower Upper
 130 100
 95 34.4 0.0 182.2



#50
 Toluene-d8
 Concen: 47.047 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: VW013491.D
 Acq: 08 Oct 2019 17:12

Tgt Ion: 98 Resp: 25792
 Ion Ratio Lower Upper
 98 100
 100 66.0 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 4.239 ug/l

RT: 10.23 min Scan# 1365

Delta R.T. 0.02 min

Lab File: VW013491.D

Acq: 08 Oct 2019 17:12

Instrument :

MSVOA_W

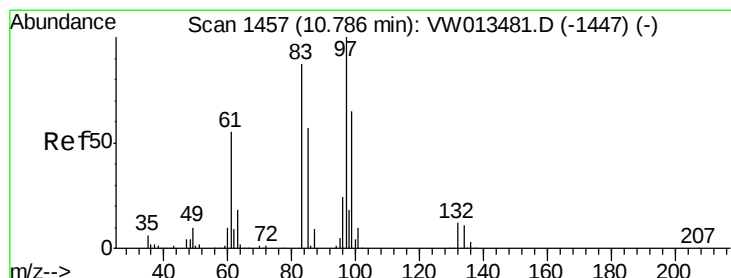
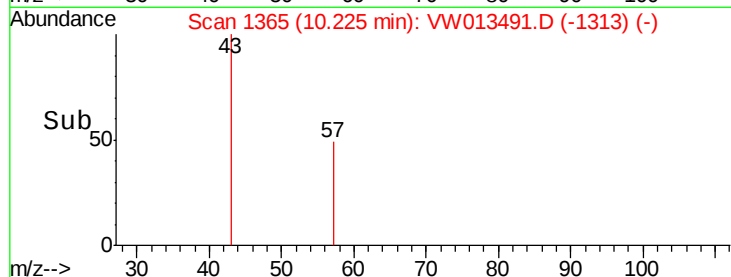
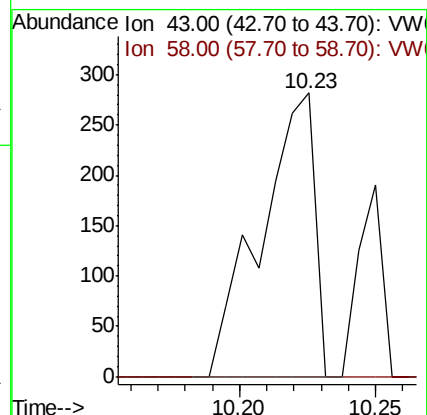
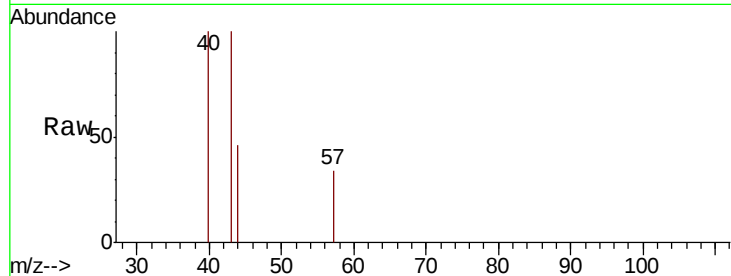
ClientSampled :

Tot Ion: 43 Resp: 386

Ion Ratio Lower Upper

43 100

58 0.0 32.8 49.2#



#55

1,1,2-Trichloroethane

Concen: 6.565 ug/l

RT: 10.76 min Scan# 1452

Delta R.T. -0.03 min

Lab File: VW013491.D

Acq: 08 Oct 2019 17:12

Tgt Ion: 97 Resp: 695

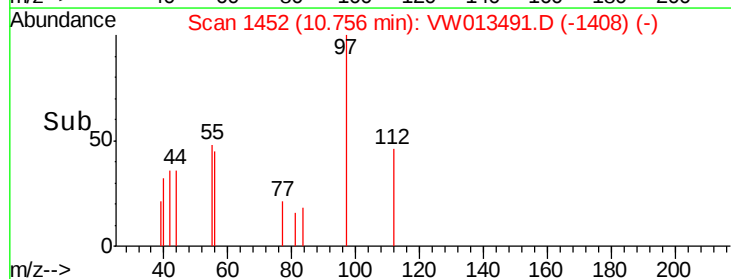
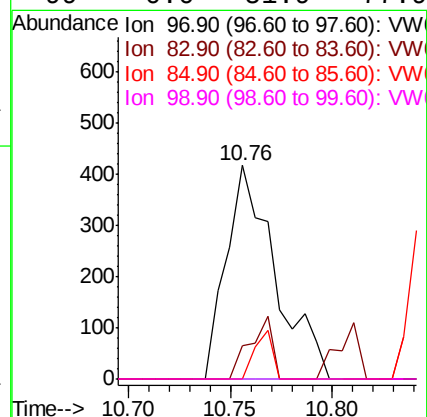
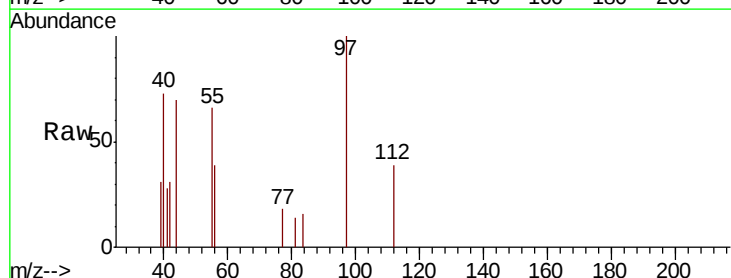
Ion Ratio Lower Upper

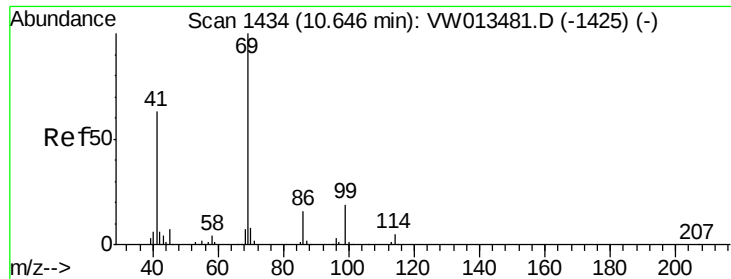
97 100

83 15.6 69.8 104.8#

85 0.0 45.4 68.0#

99 0.0 51.9 77.9#





#56

Ethyl methacrylate

Concen: 1.347 ug/l

RT: 10.67 min Scan# 1438

Delta R.T. 0.02 min

Lab File: VW013491.D

Acq: 08 Oct 2019 17:12

Instrument :

MSVOA_W

ClientSampled :

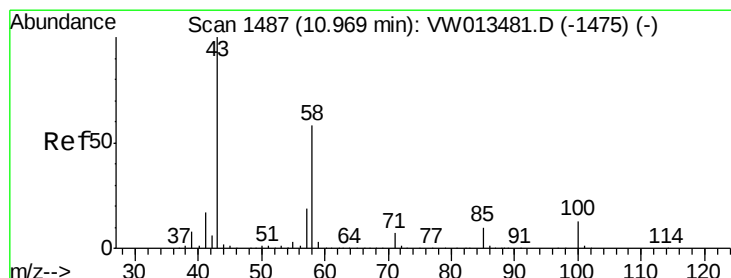
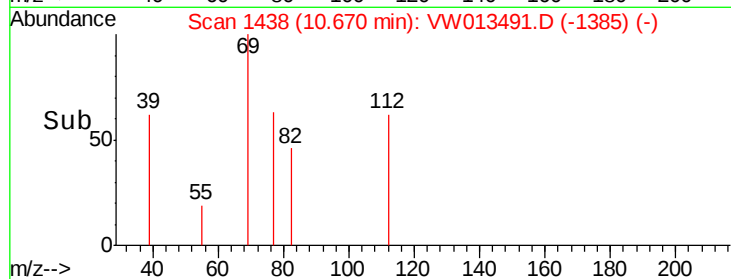
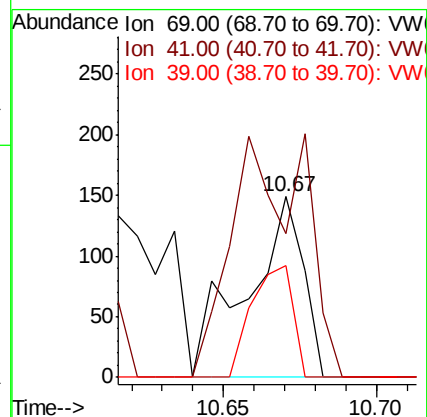
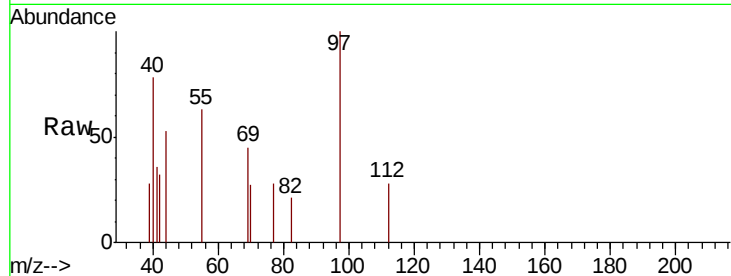
Tot Ion: 69 Resp: 192

Ion Ratio Lower Upper

69 100

41 168.2 51.8 77.6#

39 44.8 21.7 32.5#



#59

2-Hexanone

Concen: 1.858 ug/l

RT: 10.98 min Scan# 1489

Delta R.T. 0.01 min

Lab File: VW013491.D

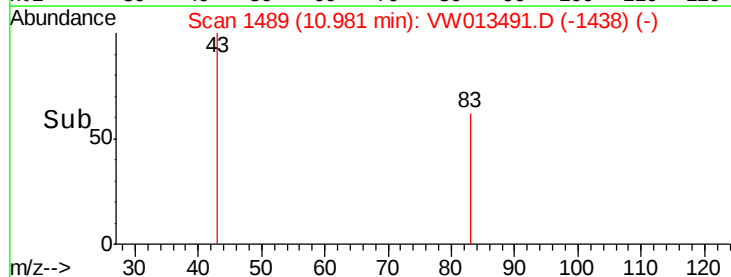
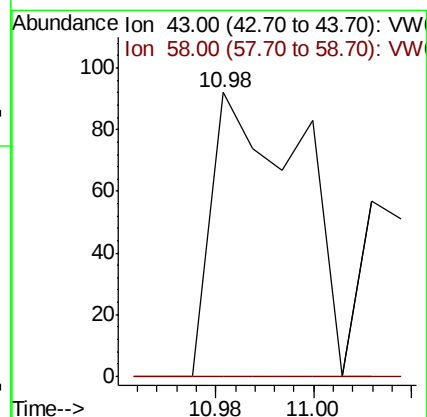
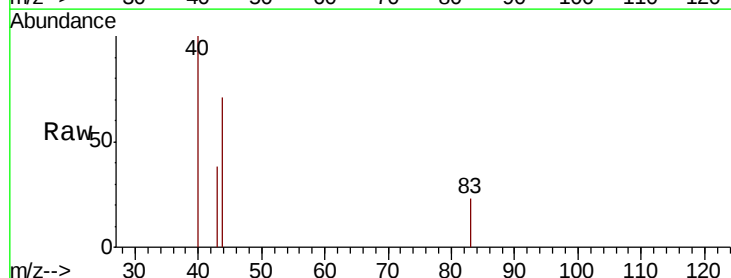
Acq: 08 Oct 2019 17:12

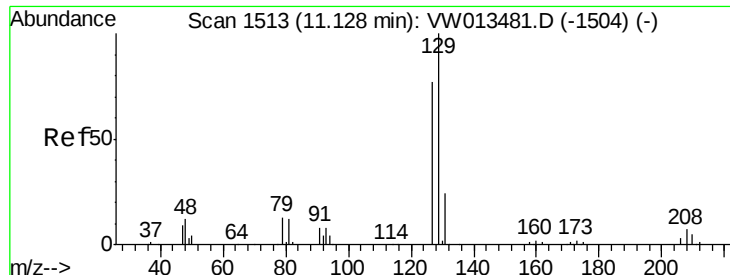
Tgt Ion: 43 Resp: 116

Ion Ratio Lower Upper

43 100

58 0.0 28.4 85.2#

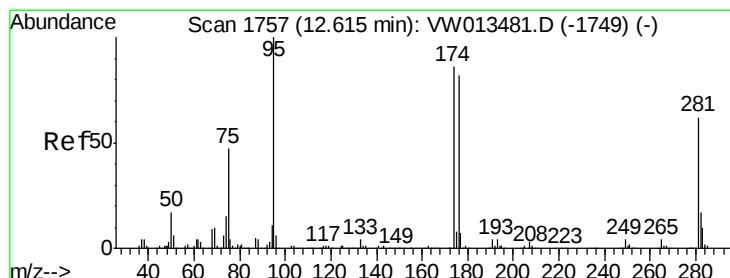
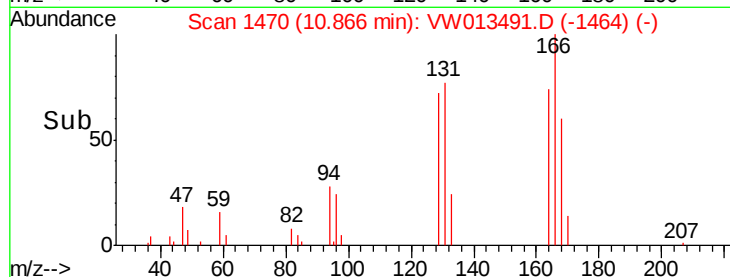
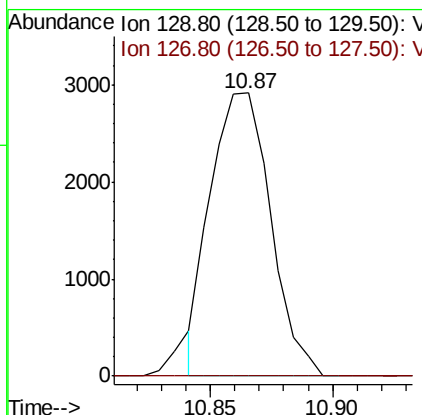
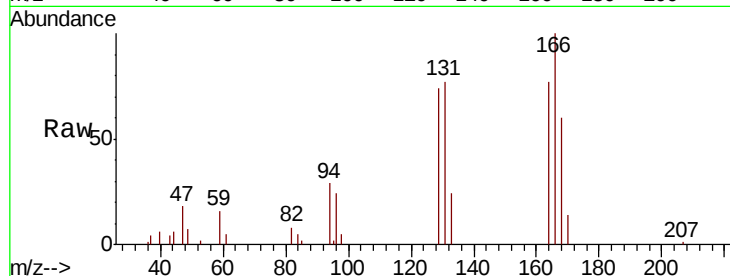




#60
 Dibromochloromethane
 Concen: 40.957 ug/l
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.26 min
 Lab File: VW013491.D
 Acq: 08 Oct 2019 17:12

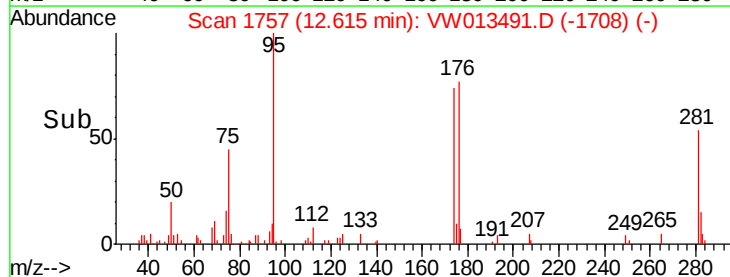
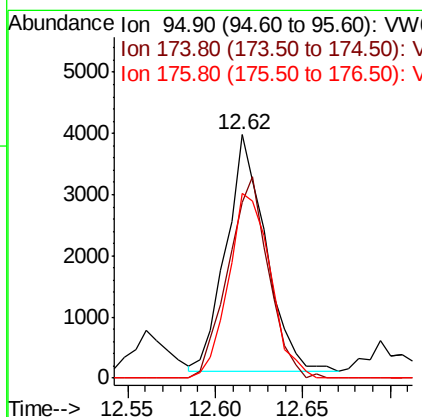
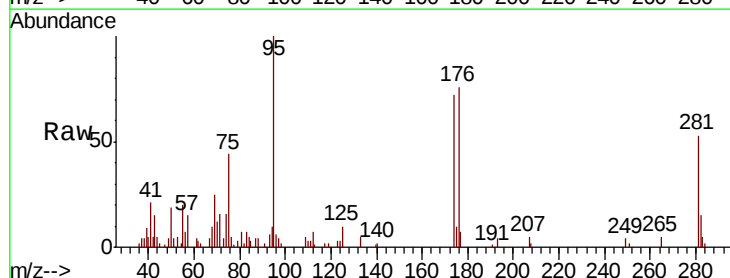
Instrument :
 MSVOA_W
 ClientSampleId :

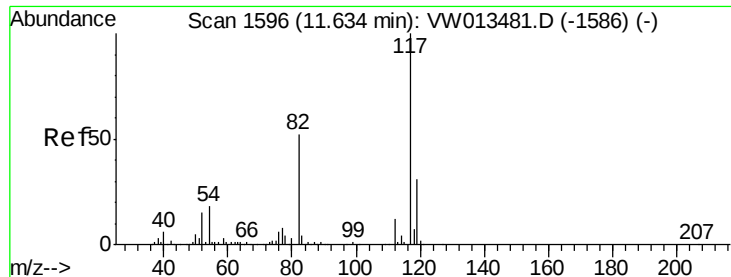
Tot Ion:129 Resp: 4986
 Ion Ratio Lower Upper
 129 100
 127 0.0 37.4 112.1#



#62
 4-Bromofluorobenzene
 Concen: 33.035 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW013491.D
 Acq: 08 Oct 2019 17:12

Tgt Ion: 95 Resp: 6084
 Ion Ratio Lower Upper
 95 100
 174 87.1 0.0 177.4
 176 82.7 0.0 173.4

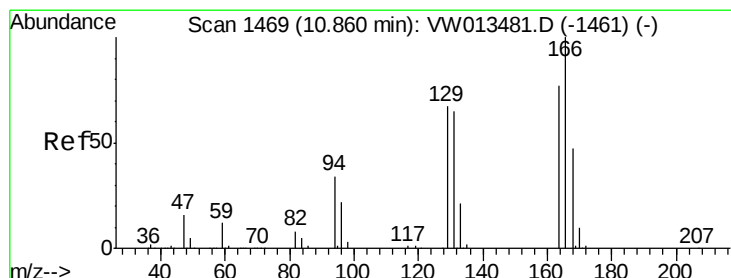
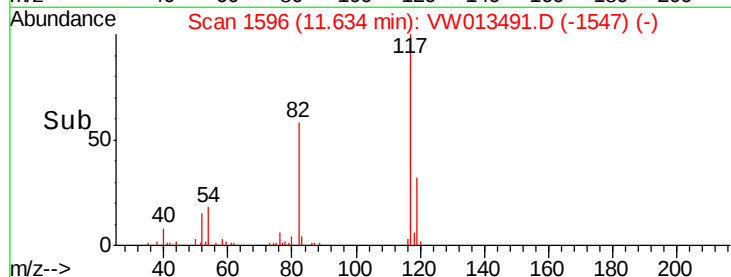
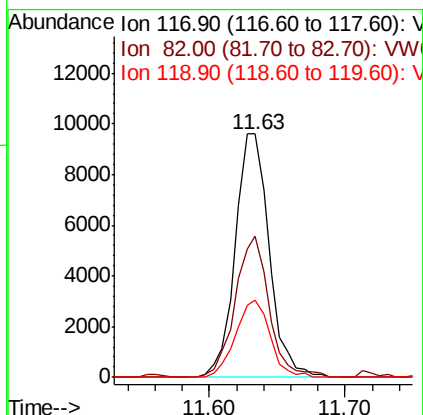
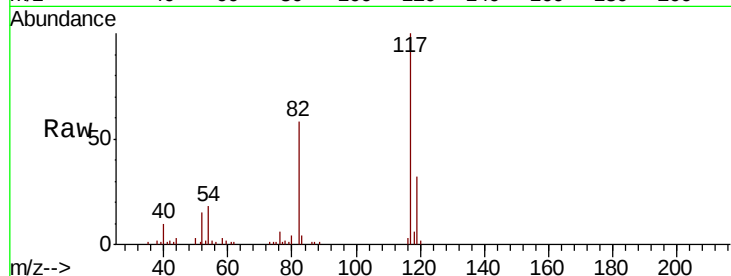




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW013491.D
Acq: 08 Oct 2019 17:12

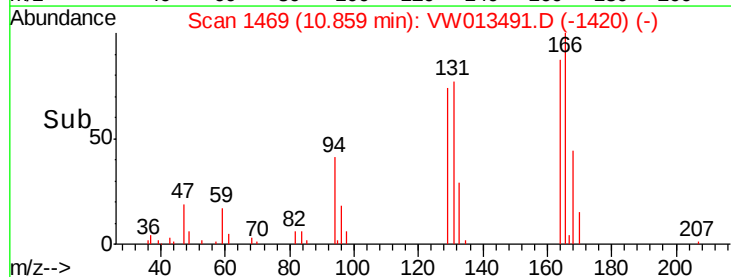
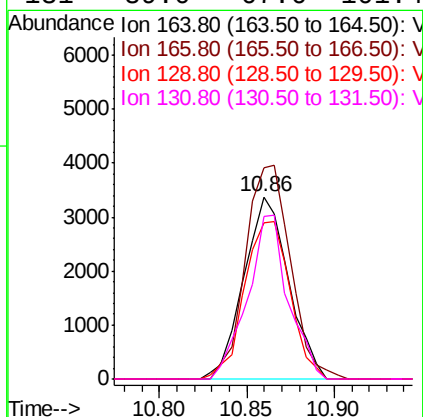
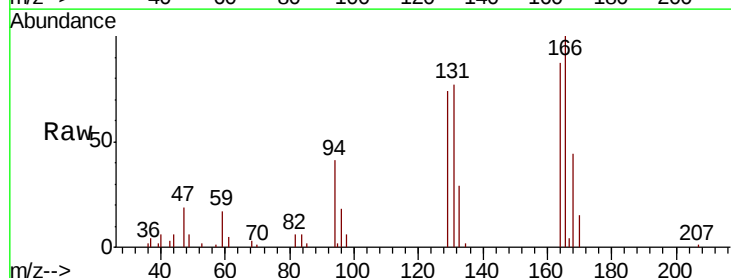
Instrument :
MSVOA_W
ClientSampleId :

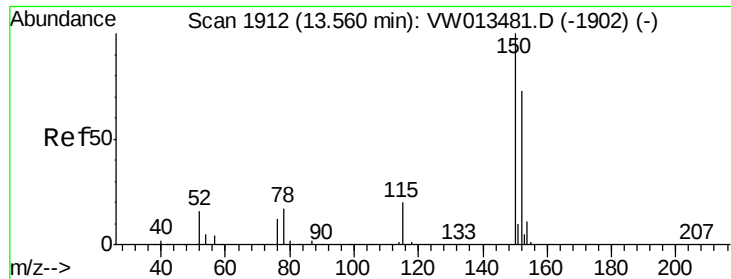
Tot Ion:117 Resp: 16703
Ion Ratio Lower Upper
117 100
82 57.8 41.4 62.2
119 31.9 25.1 37.7



#64
Tetrachloroethene
Concen: 49.035 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013491.D
Acq: 08 Oct 2019 17:12

Tgt Ion:164 Resp: 6028
Ion Ratio Lower Upper
164 100
166 115.6 104.6 156.8
129 85.8 70.2 105.2
131 89.0 67.6 101.4



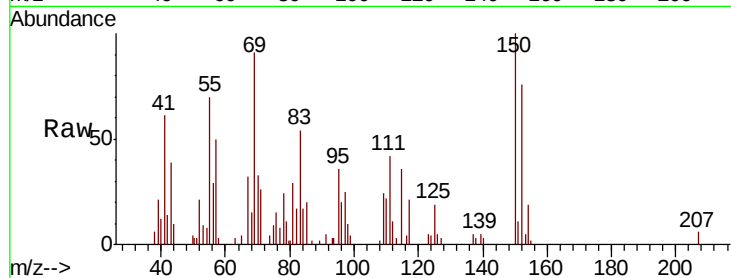


#72

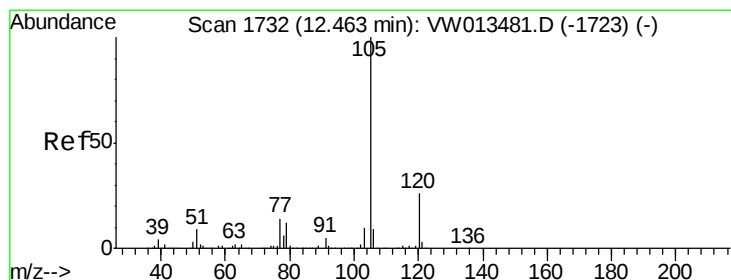
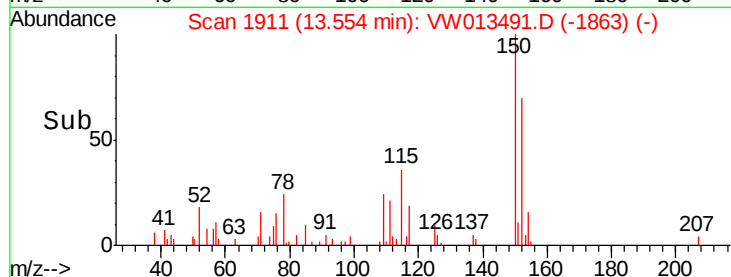
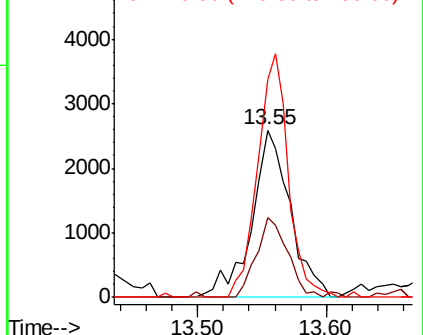
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013491.D
Acq: 08 Oct 2019 17:12

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:152 Resp: 5326
Ion Ratio Lower Upper
152 100
115 39.0 27.0 81.0
150 116.3 0.0 337.4



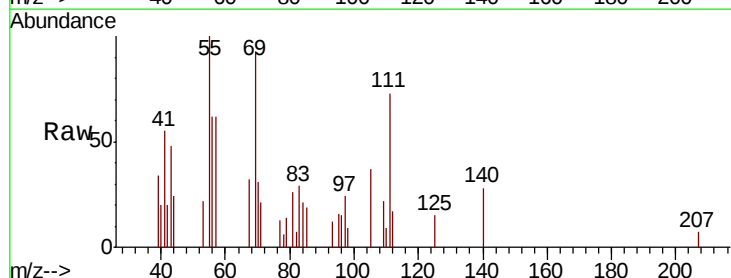
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



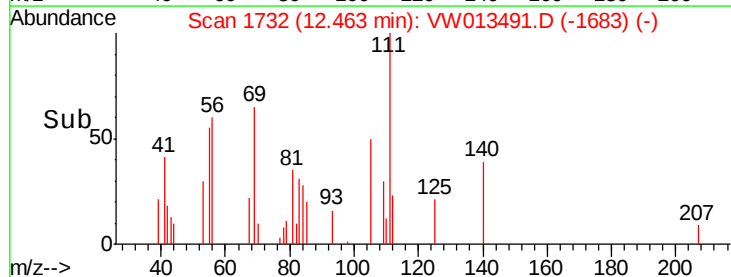
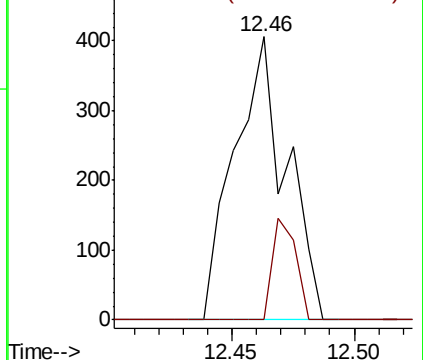
#73

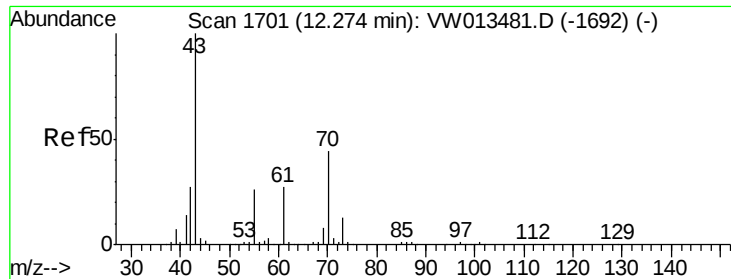
Isopropylbenzene
Concen: 1.565 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW013491.D
Acq: 08 Oct 2019 17:12

Tgt Ion:105 Resp: 597
Ion Ratio Lower Upper
105 100
120 15.9 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: 51.596 ug/l

RT: 12.25 min Scan# 1697

Delta R.T. -0.02 min

Lab File: VW013491.D

Acq: 08 Oct 2019 17:12

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 4305

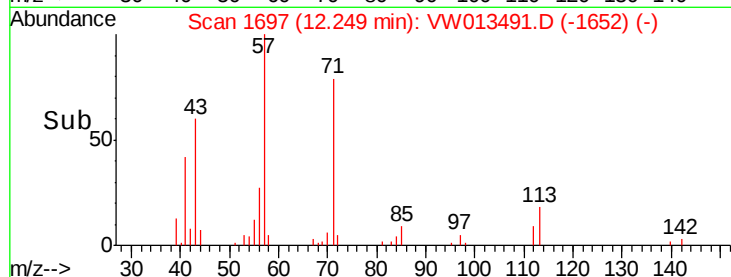
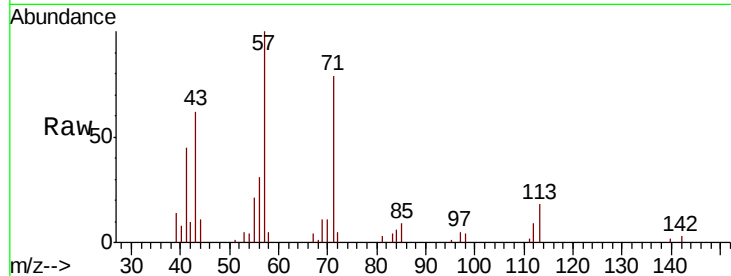
Ion Ratio Lower Upper

43 100

70 25.1 35.3 52.9#

55 41.6 20.0 30.0#

61 0.0 21.2 31.8#

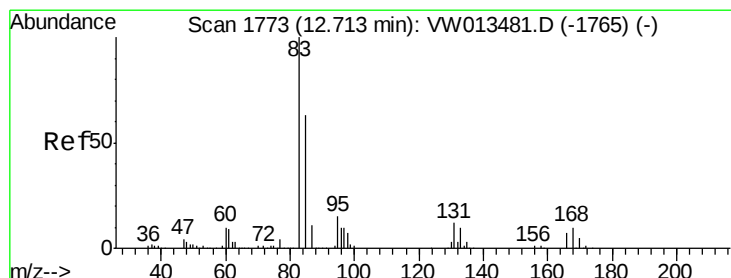
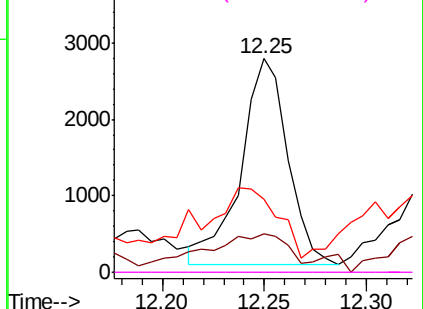


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#75

1,1,2,2-Tetrachloroethane

Concen: 1.246 ug/l

RT: 12.74 min Scan# 1777

Delta R.T. 0.02 min

Lab File: VW013491.D

Acq: 08 Oct 2019 17:12

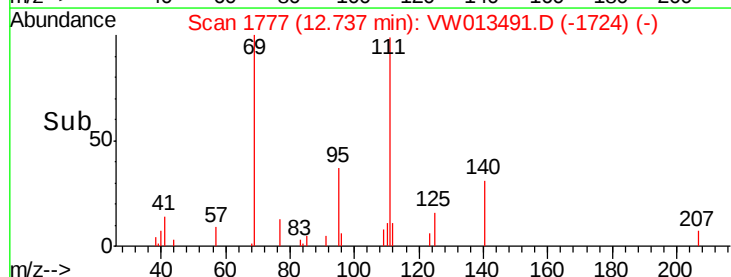
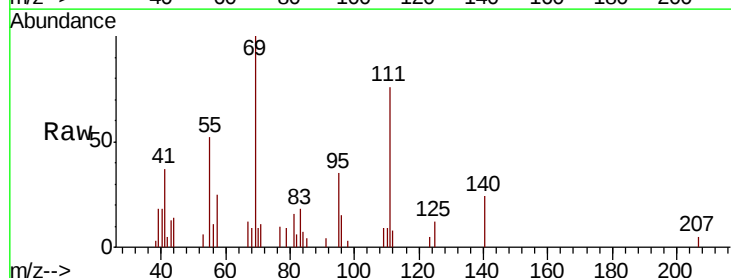
Tgt Ion: 83 Resp: 81

Ion Ratio Lower Upper

83 100

131 0.0 5.9 17.7#

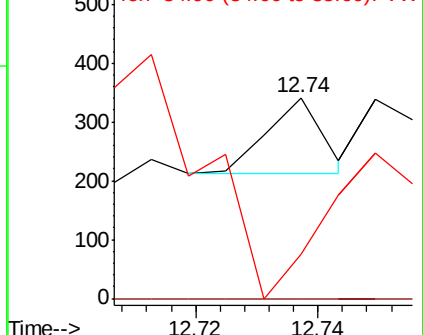
85 408.6 32.5 97.4#

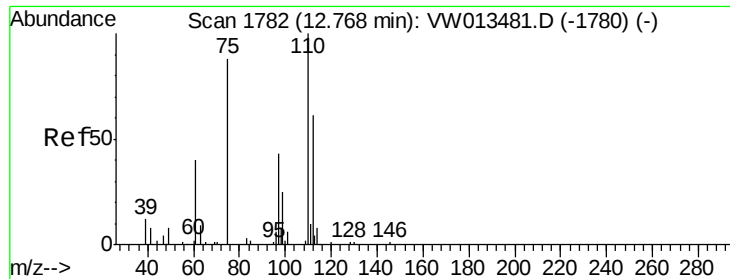


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



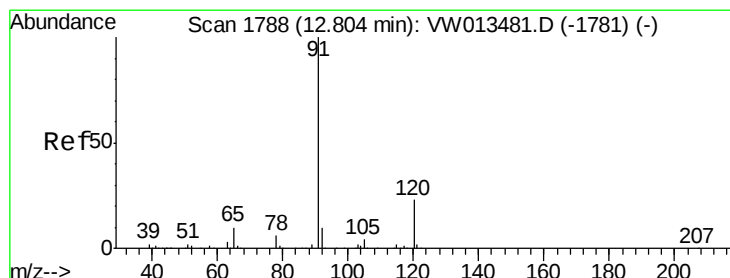
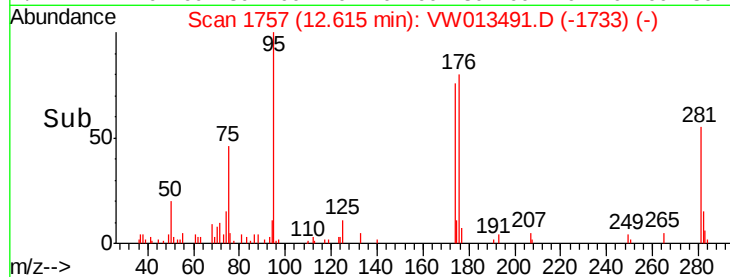
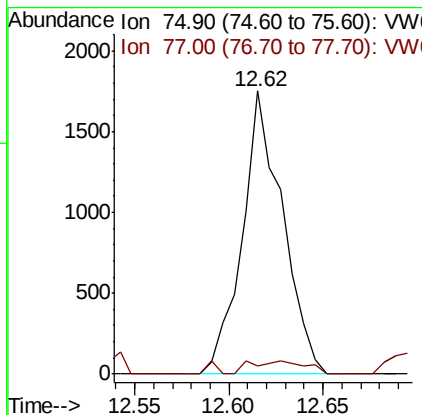
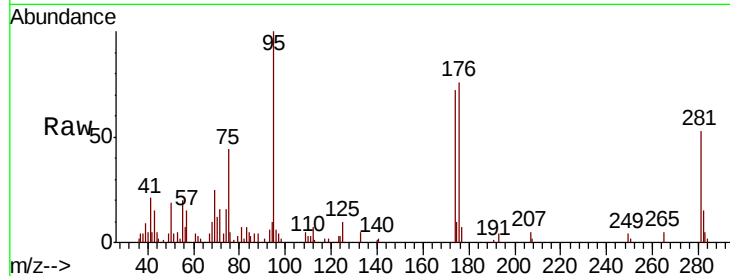


#76

1,2,3-Trichloropropane
Concen: 58.456 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW013491.D
Acq: 08 Oct 2019 17:12

Instrument :
MSVOA_W
ClientSampled :

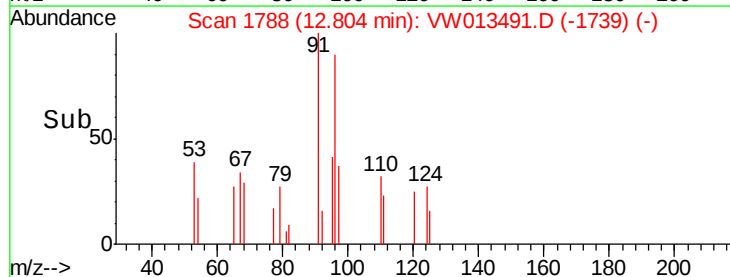
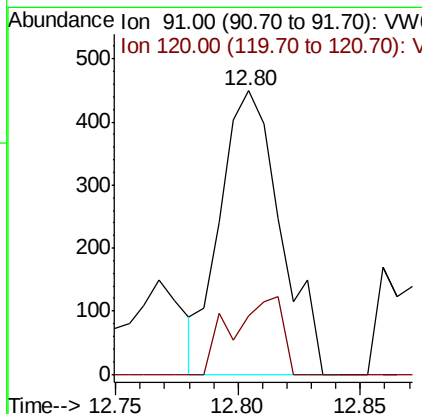
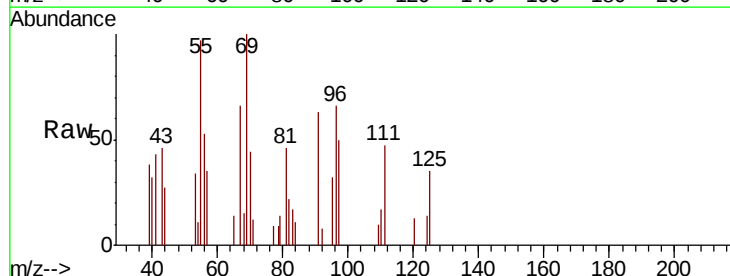
Tot Ion: 75 Resp: 2593
Ion Ratio Lower Upper
75 100
77 6.6 0.0 0.0#

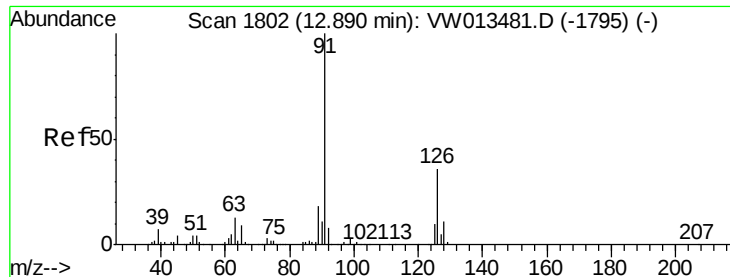


#78

n-propylbenzene
Concen: 1.745 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW013491.D
Acq: 08 Oct 2019 17:12

Tgt Ion: 91 Resp: 770
Ion Ratio Lower Upper
91 100
120 22.9 11.7 35.1





#79

2-Chlorotoluene

Concen: 3.556 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.01 min

Lab File: VW013491.D

Acq: 08 Oct 2019 17:12

Instrument :

MSVOA_W

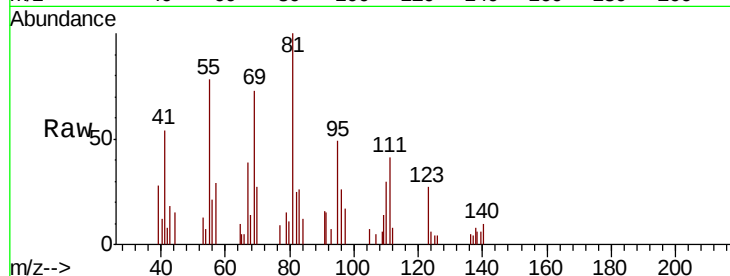
ClientSampleId :

Tot Ion: 91 Resp: 879

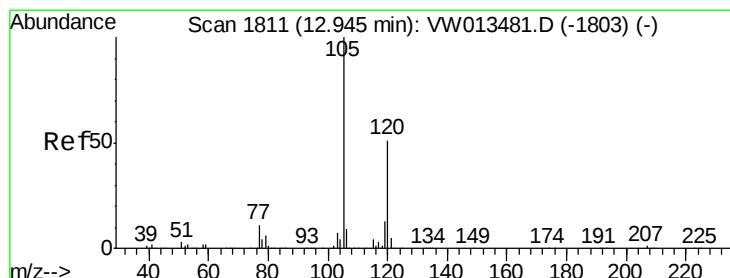
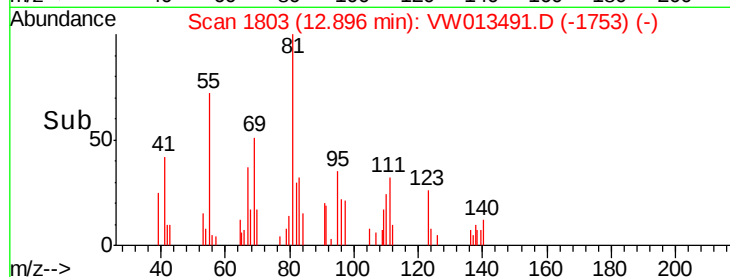
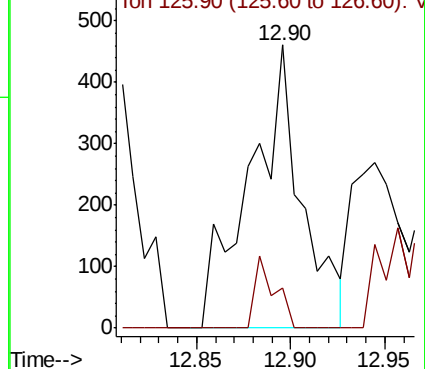
Ion Ratio Lower Upper

91 100

126 9.8 17.8 53.4#



Abundance Ion 91.00 (90.70 to 91.70): VW



#80

1,3,5-Trimethylbenzene

Concen: 2.186 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW013491.D

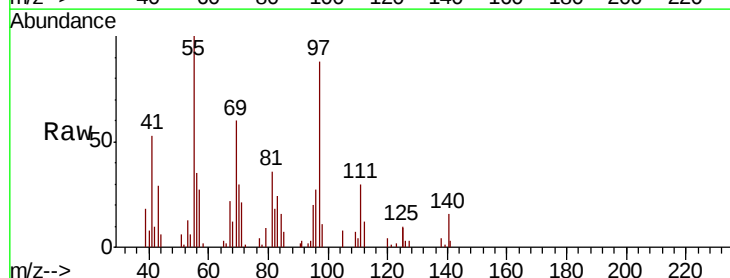
Acq: 08 Oct 2019 17:12

Tgt Ion:105 Resp: 693

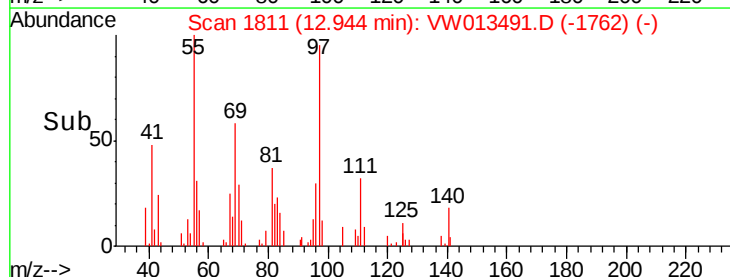
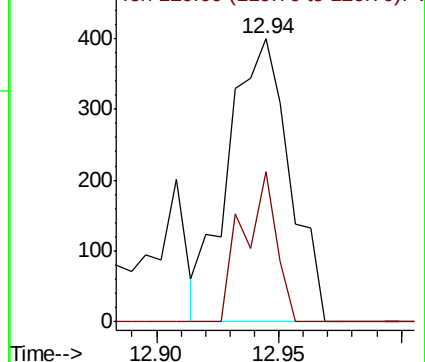
Ion Ratio Lower Upper

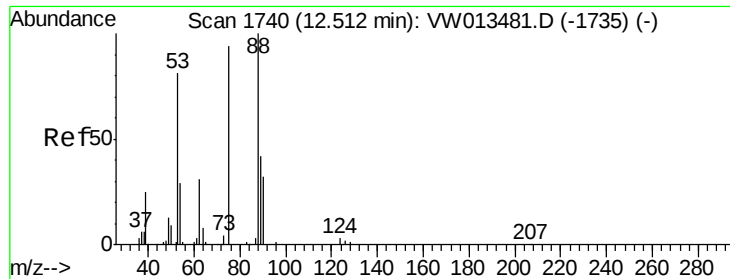
105 100

120 29.1 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 119.494 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013491.D

Acq: 08 Oct 2019 17:12

Instrument :

MSVOA_W

ClientSampleId :

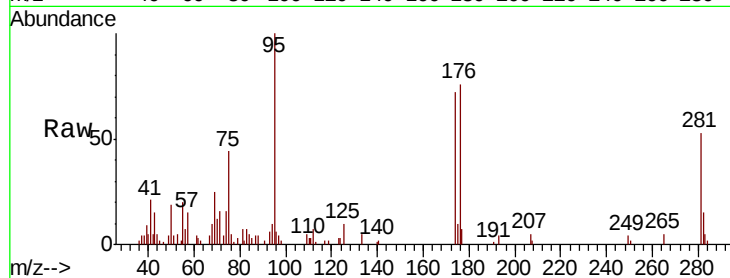
Tot Ion: 75 Resp: 2593

Ion Ratio Lower Upper

75 100

53 13.9 71.0 106.6#

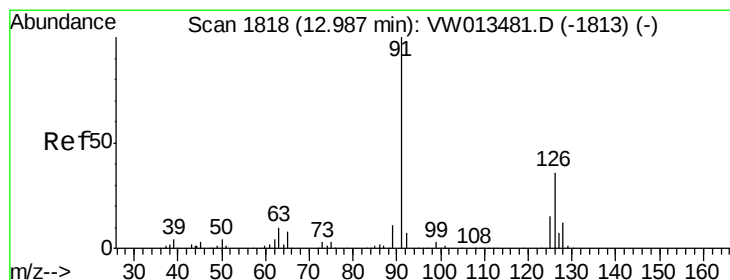
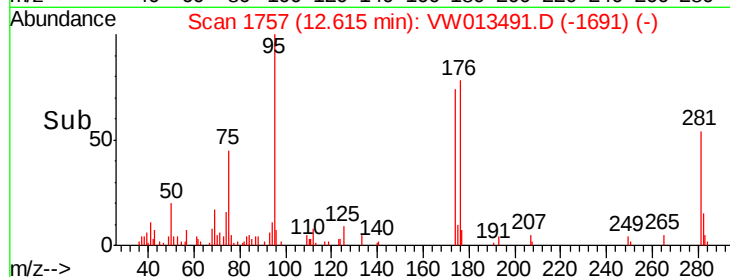
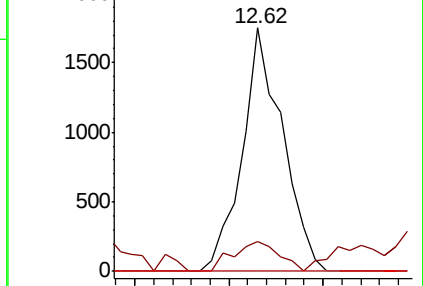
89 0.0 36.1 54.1#



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



#82

4-Chlorotoluene

Concen: 1.302 ug/l

RT: 13.16 min Scan# 1847

Delta R.T. 0.18 min

Lab File: VW013491.D

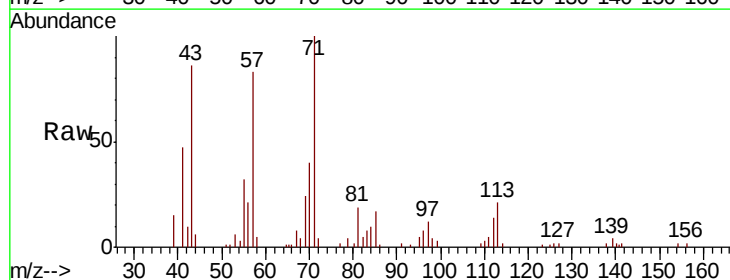
Acq: 08 Oct 2019 17:12

Tgt Ion: 91 Resp: 334

Ion Ratio Lower Upper

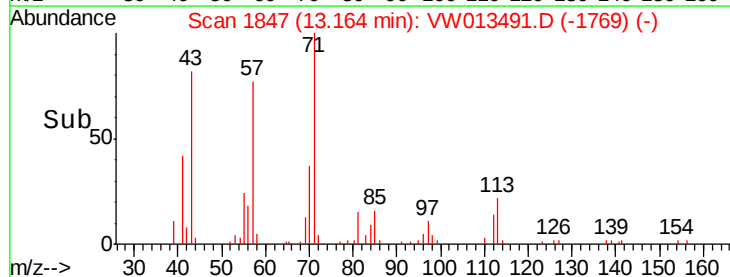
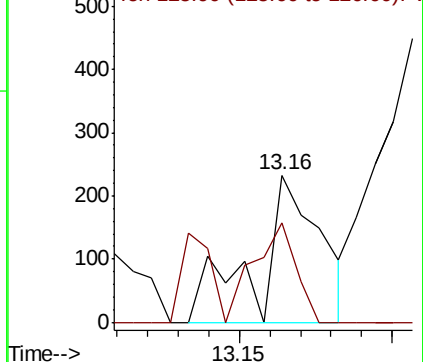
91 100

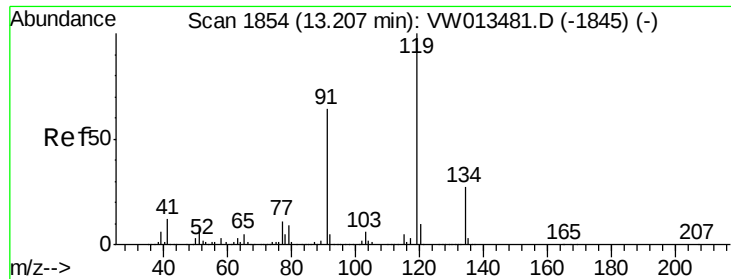
126 45.2 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

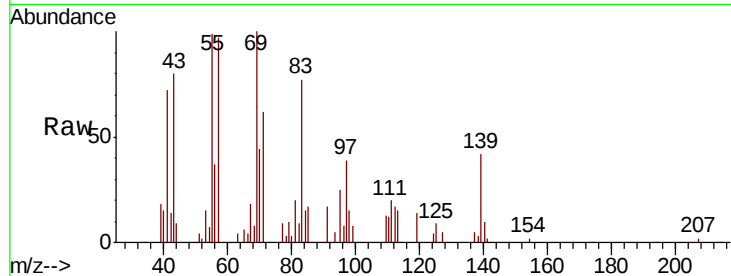




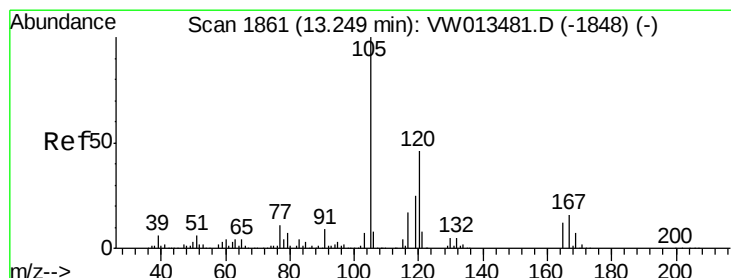
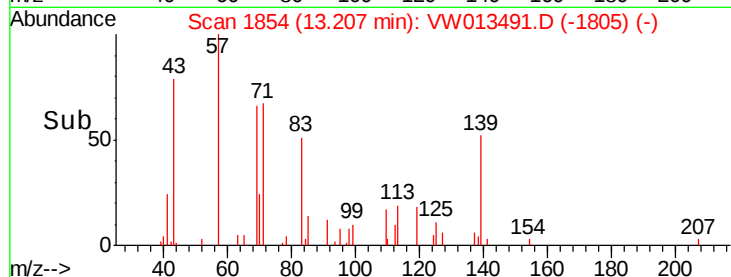
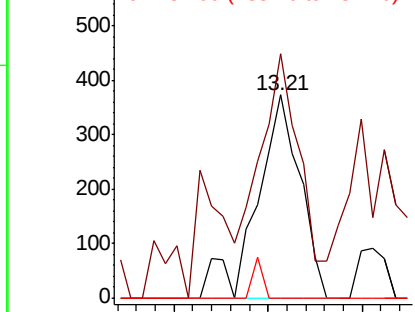
#83
tert-Butylbenzene
Concen: 2.110 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW013491.D
Acq: 08 Oct 2019 17:12

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:119 Resp: 594
Ion Ratio Lower Upper
119 100
91 82.7 30.6 91.6
134 0.0 13.8 41.3#

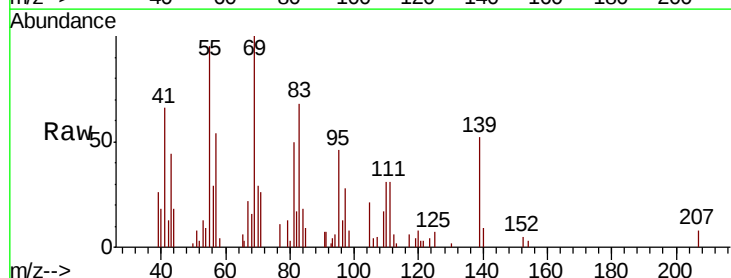


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

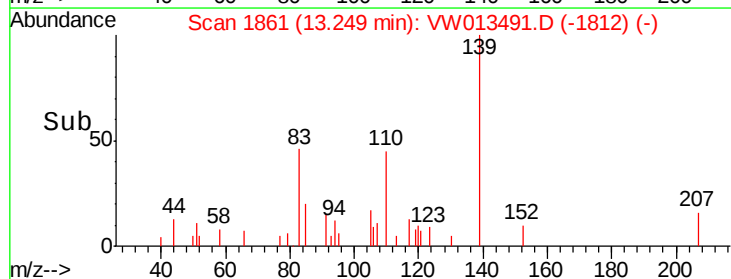
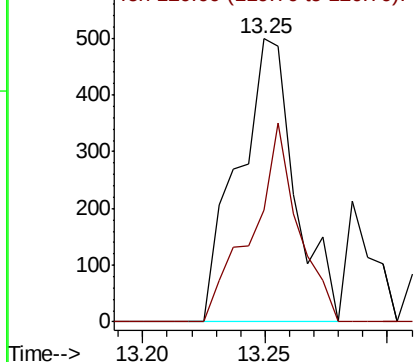


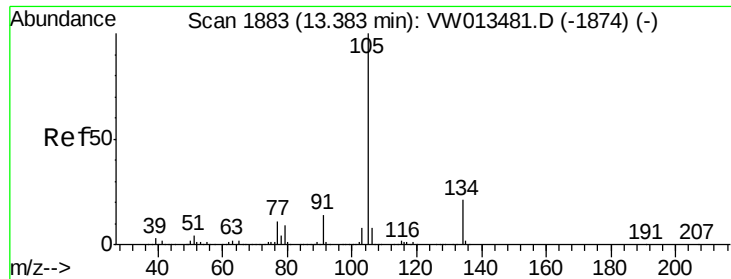
#84
1,2,4-Trimethylbenzene
Concen: 2.584 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW013491.D
Acq: 08 Oct 2019 17:12

Tgt Ion:105 Resp: 810
Ion Ratio Lower Upper
105 100
120 57.2 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 9.263 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW013491.D

Acq: 08 Oct 2019 17:12

Instrument :

MSVOA_W

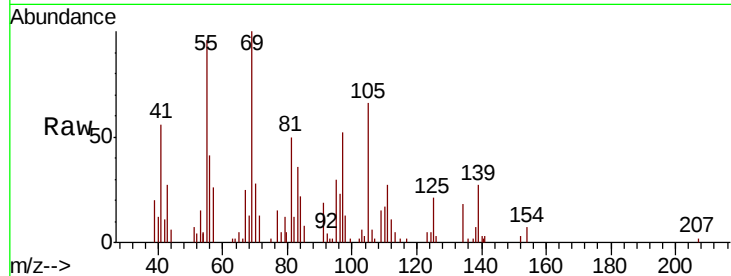
ClientSampleId :

Tot Ion:105 Resp: 3603

Ion Ratio Lower Upper

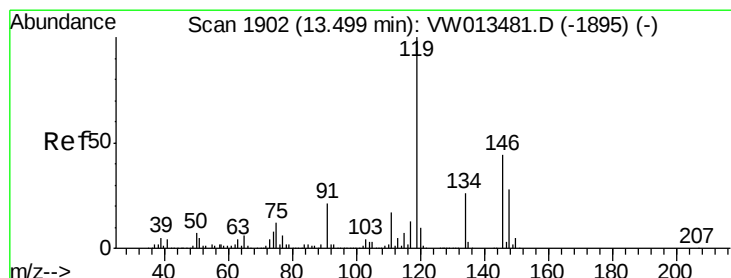
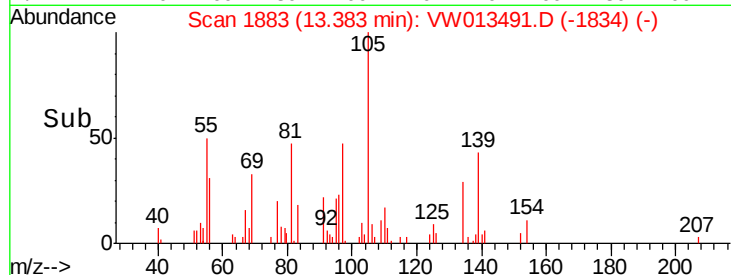
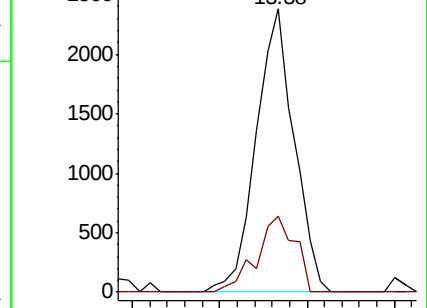
105 100

134 27.3 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 1.889 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. -0.01 min

Lab File: VW013491.D

Acq: 08 Oct 2019 17:12

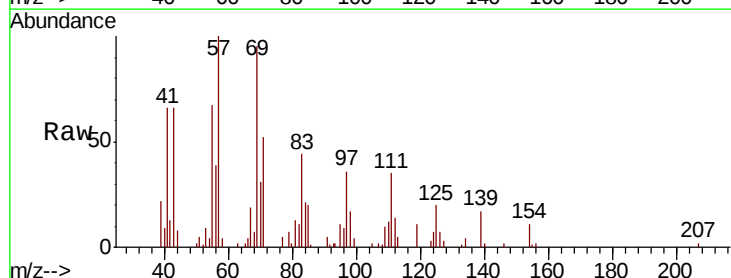
Tgt Ion:119 Resp: 675

Ion Ratio Lower Upper

119 100

134 33.8 13.1 39.1

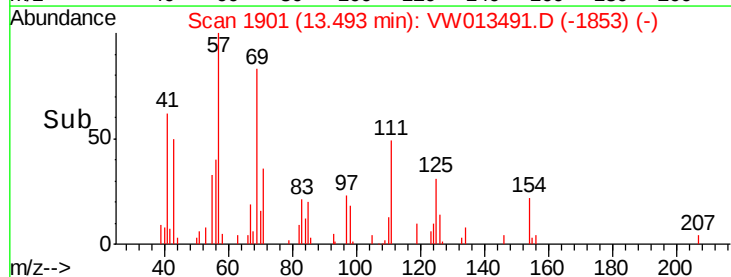
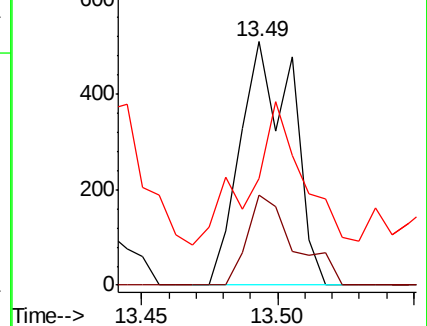
91 60.3 10.8 32.3#

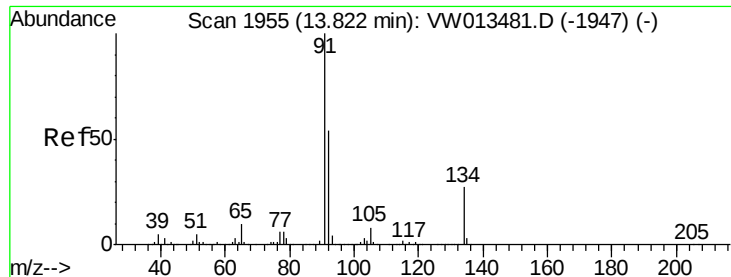


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 7.360 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW013491.D

Acq: 08 Oct 2019 17:12

Instrument :

MSVOA_W

ClientSampleId :

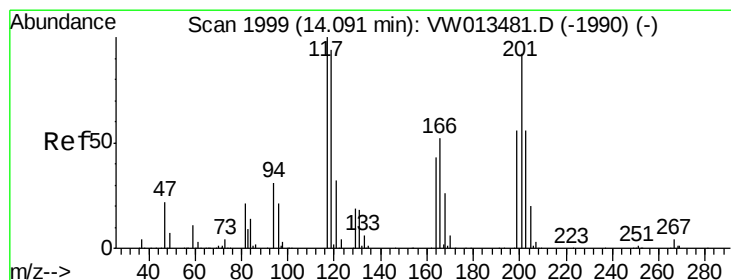
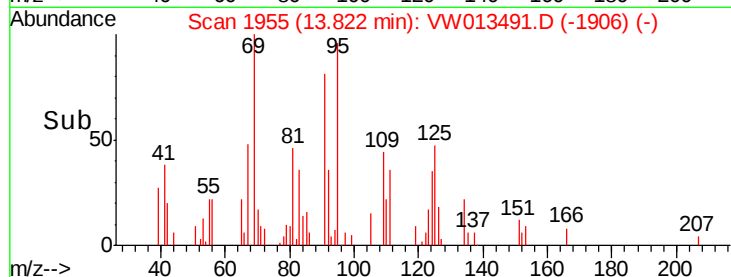
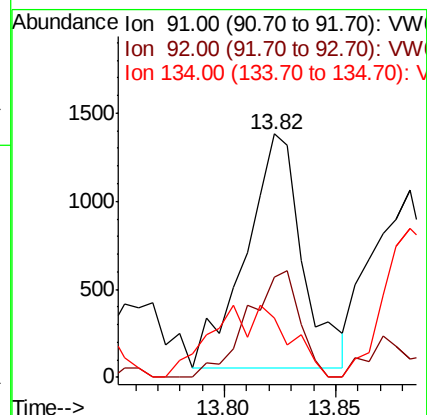
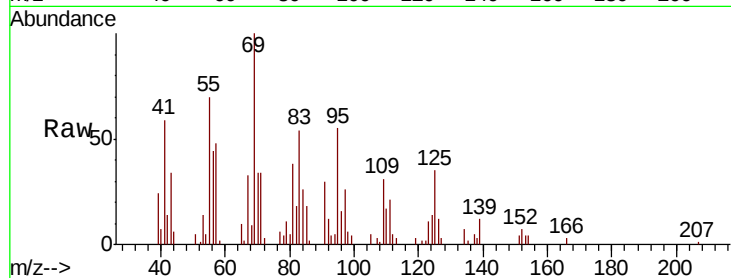
Tot Ion: 91 Resp: 2376

Ion Ratio Lower Upper

91 100

92 41.3 27.5 82.4

134 0.0 13.8 41.3#



#90

Hexachloroethane

Concen: 21.685 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.01 min

Lab File: VW013491.D

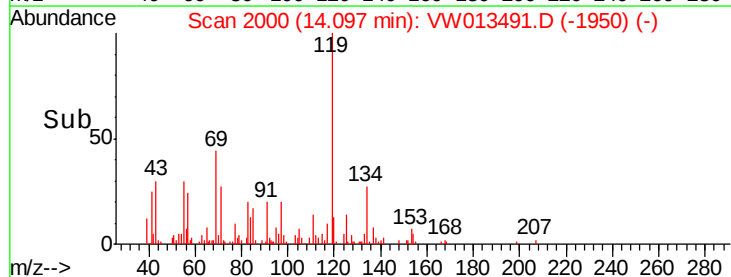
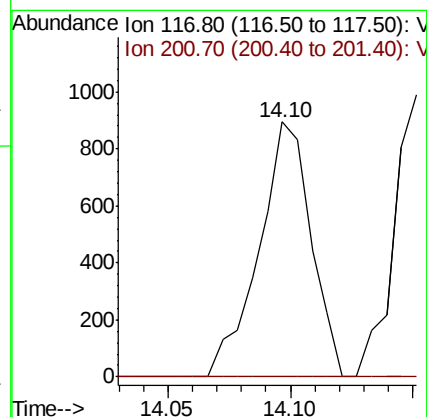
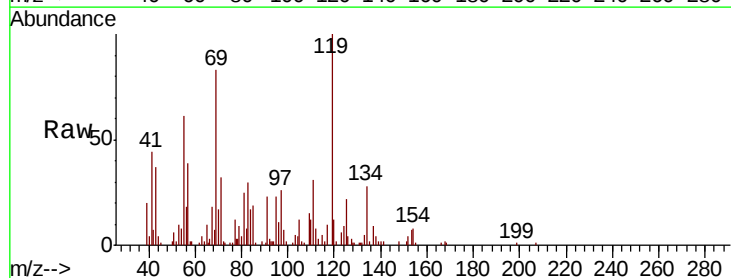
Acq: 08 Oct 2019 17:12

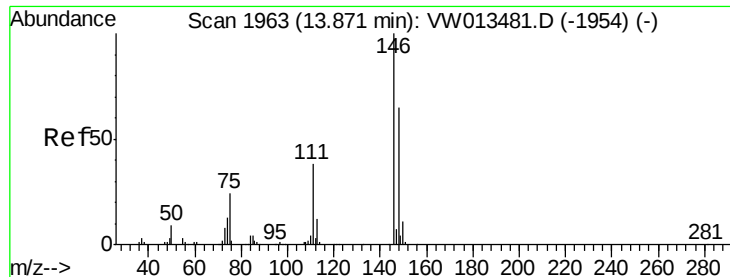
Tgt Ion: 117 Resp: 1326

Ion Ratio Lower Upper

117 100

201 0.0 46.9 140.7#

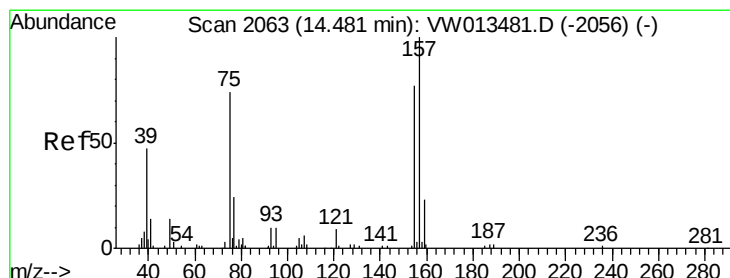
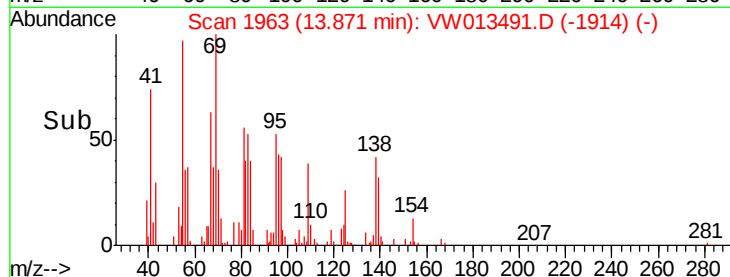
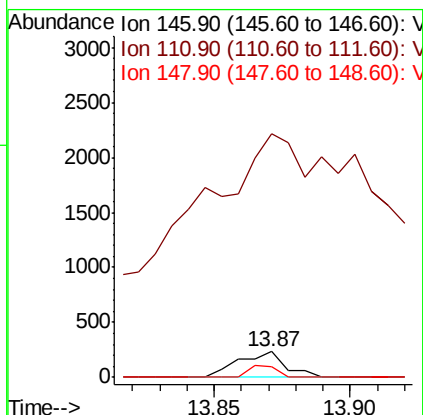
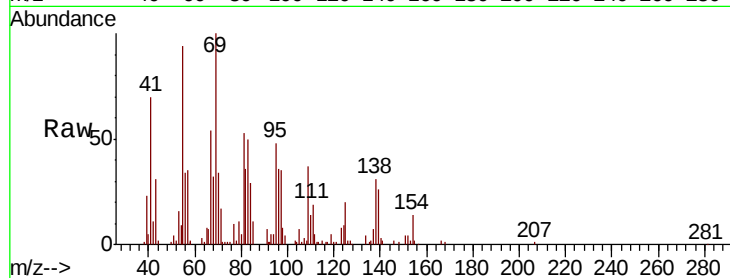




#91
 1,2-Dichlorobenzene
 Concen: 1.836 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW013491.D
 Acq: 08 Oct 2019 17:12

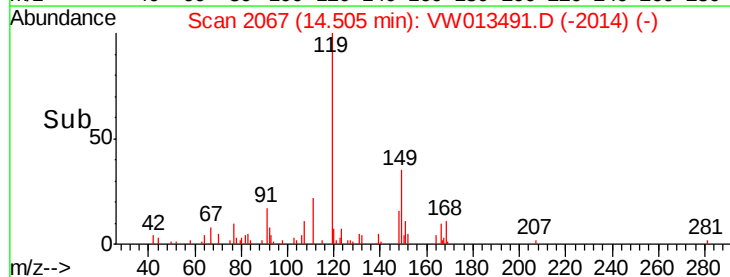
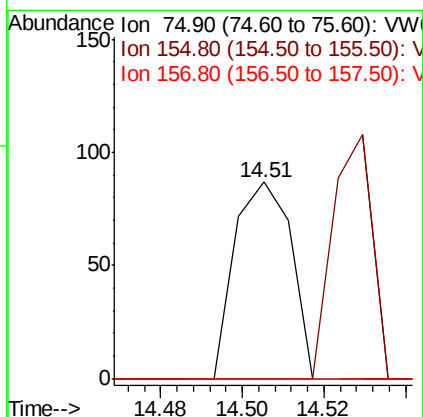
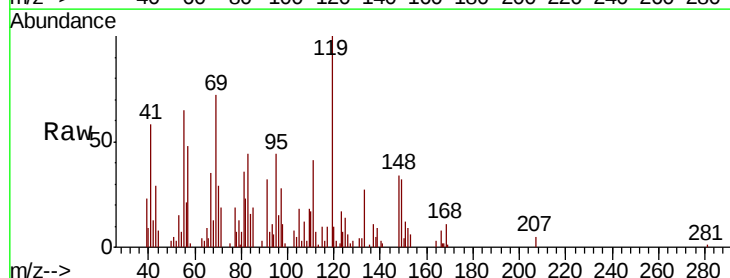
Instrument :
 MSVOA_W
 ClientSampled :

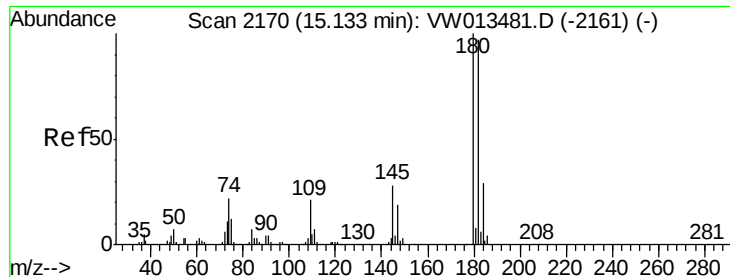
Tot Ion:146 Resp: 278
 Ion Ratio Lower Upper
 146 100
 111 2571.2 19.4 58.2#
 148 26.6 31.8 95.3#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 8.103 ug/l
 RT: 14.51 min Scan# 2067
 Delta R.T. 0.02 min
 Lab File: VW013491.D
 Acq: 08 Oct 2019 17:12

Tgt Ion: 75 Resp: 84
 Ion Ratio Lower Upper
 75 100
 155 0.0 51.0 153.1#
 157 0.0 65.9 197.7#

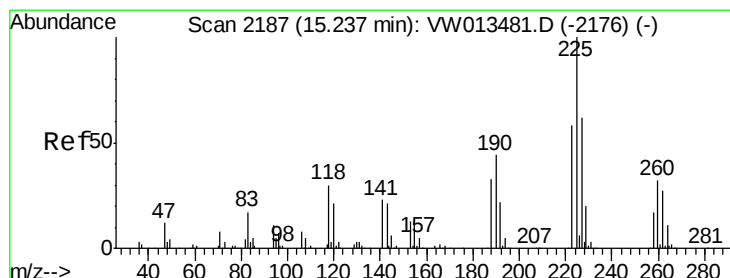
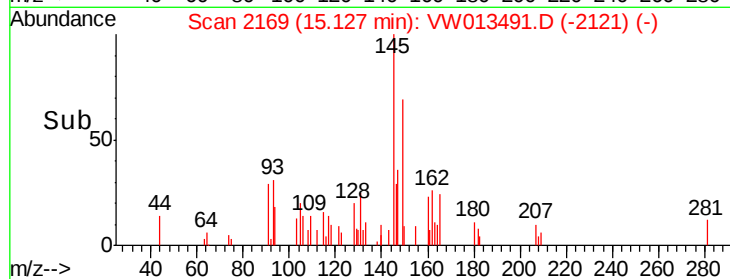
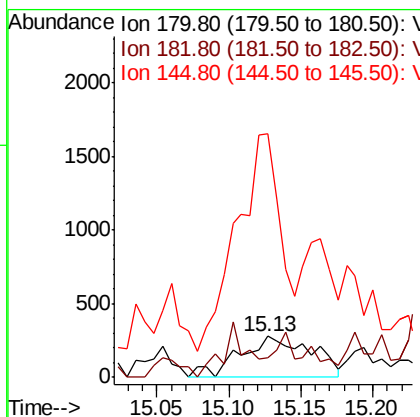
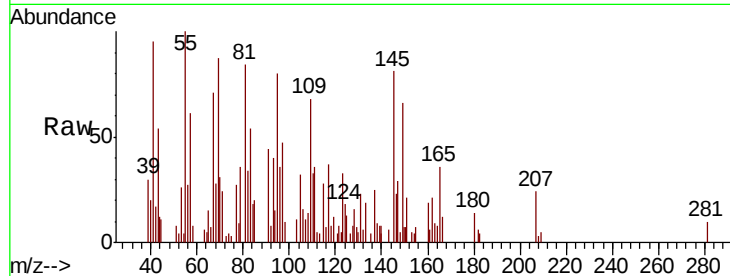




#93
 1,2,4-Trichlorobenzene
 Concen: 9.029 ug/l
 RT: 15.13 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: VW013491.D
 Acq: 08 Oct 2019 17:12

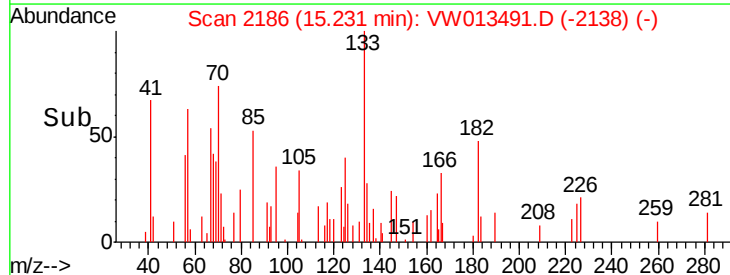
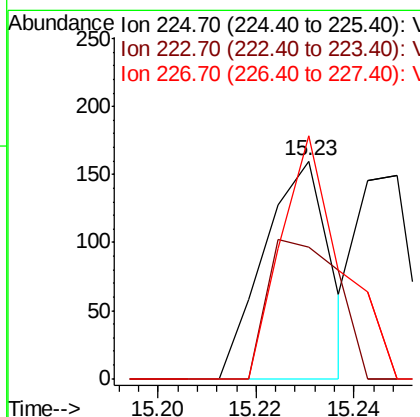
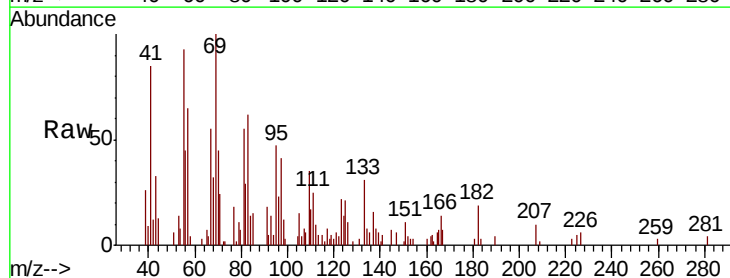
Instrument :
 MSVOA_W
 ClientSampled :

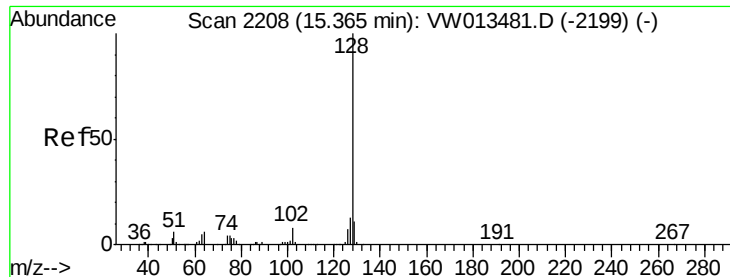
Tot Ion:180 Resp: 966
 Ion Ratio Lower Upper
 180 100
 182 24.3 47.7 143.1#
 145 325.9 14.0 41.9#



#94
 Hexachlorobutadiene
 Concen: 2.096 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW013491.D
 Acq: 08 Oct 2019 17:12

Tgt Ion:225 Resp: 149
 Ion Ratio Lower Upper
 225 100
 223 68.5 30.3 90.9
 227 102.7 32.0 96.0#





#95

Naphthalene

Concen: 2.323 ug/l

RT: 15.32 min Scan# 2201

Delta R.T. -0.04 min

Lab File: VW013491.D

Acq: 08 Oct 2019 17:12

Instrument :

MSVOA_W

ClientSampled :

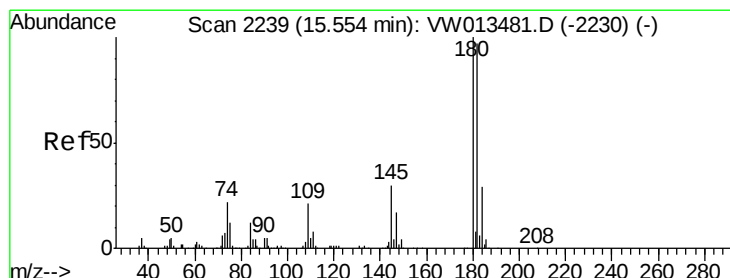
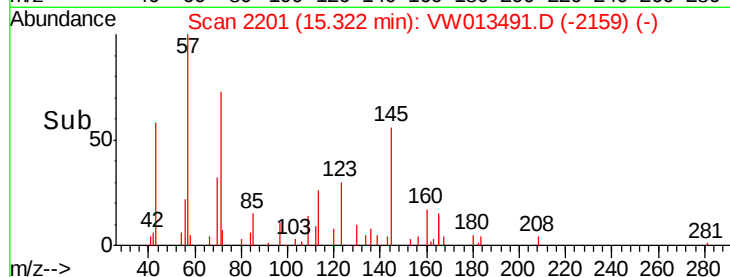
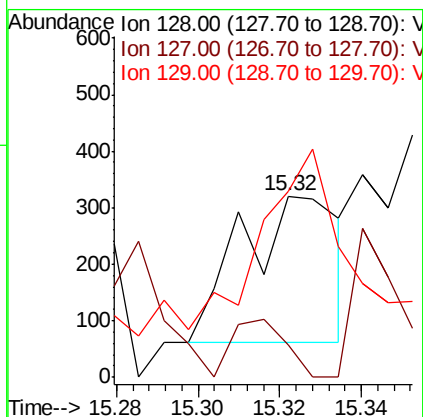
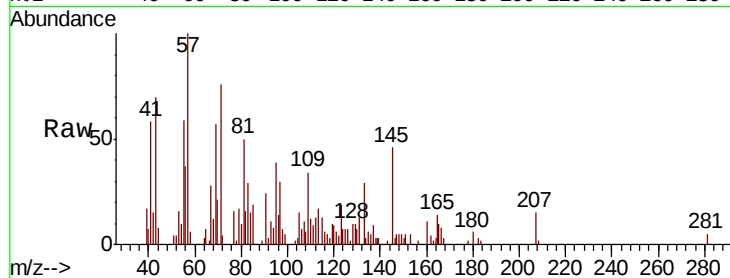
Tot Ion:128 Resp: 430

Ion Ratio Lower Upper

128 100

127 21.6 10.6 16.0#

129 185.1 8.8 13.2#



#96

1,2,3-Trichlorobenzene

Concen: 10.838 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. -0.00 min

Lab File: VW013491.D

Acq: 08 Oct 2019 17:12

Tgt Ion:180 Resp: 1014

Ion Ratio Lower Upper

180 100

182 17.3 47.7 143.1#

145 227.0 14.9 44.9#

