

Data File : VW013623.D
Acq On : 18 Oct 2019 17:32
Operator : SY/VA
Sample : K5308-06
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
X2J24

Quant Time: Oct 21 10:41:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 18 13:08:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	310912	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	302881	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	178206	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	104383	27.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.44%
7) Chloroethane-d5	2.89	69	93836	26.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.40%
10) 1,1-Dichloroethene-d2	4.03	63	212790	25.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.04%
20) 2-Butanone-d5	7.08	46	79280	58.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.22%
24) Chloroform-d	7.65	84	228142	26.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.88%
26) 1,2-Dichloroethane-d4	8.31	65	123952	27.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.00%
29) Benzene-d6	8.27	84	492377	27.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.24%
33) 1,2-Dichloropropane-d6	9.27	67	150548	27.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.80%
37) Toluene-d8	10.32	98	452337	26.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.80%
38) trans-1,3-Dichloropropene-	10.58	79	66074	26.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.80%
39) 2-Hexanone-d5	10.92	63	64203	61.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	128282	28.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	174677	27.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.96%

Target Compounds

					Qvalue
3) Chloromethane	2.21	50	63987	16.903 ug/L	98
6) Bromomethane	2.78	94	28391	8.306 ug/L	100
9) Trichlorofluoromethane	3.26	101	51905	16.279 ug/L	97
12) 1,1-Dichloroethene	4.04	96	103562	20.959 ug/L	90
13) Acetone	4.13	43	89314	58.982 ug/L	95
15) Methyl Acetate	4.67	43	98341	39.746 ug/L	98
16) Methylene chloride	4.92	84	60762	10.206 ug/L	96
17) Methyl tert-butyl Ether	5.43	73	231114	33.804 ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	53144	9.729 ug/L	94
22) cis-1,2-Dichloroethene	7.17	96	147908	25.227 ug/L	100
23) Bromochloromethane	7.51	128	40445	15.262 ug/L	99
27) 1,2-Dichloroethane	8.40	62	60683	10.194 ug/L	95
30) Cyclohexane	7.96	56	82543	9.302 ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	77546	10.977 ug/L	98
32) Carbon tetrachloride	8.07	117	88686	12.892 ug/L	99
35) Trichloroethene	9.09	95	225819	40.500 ug/L	99
36) Methylcyclohexane	9.34	83	233591	23.768 ug/L	99

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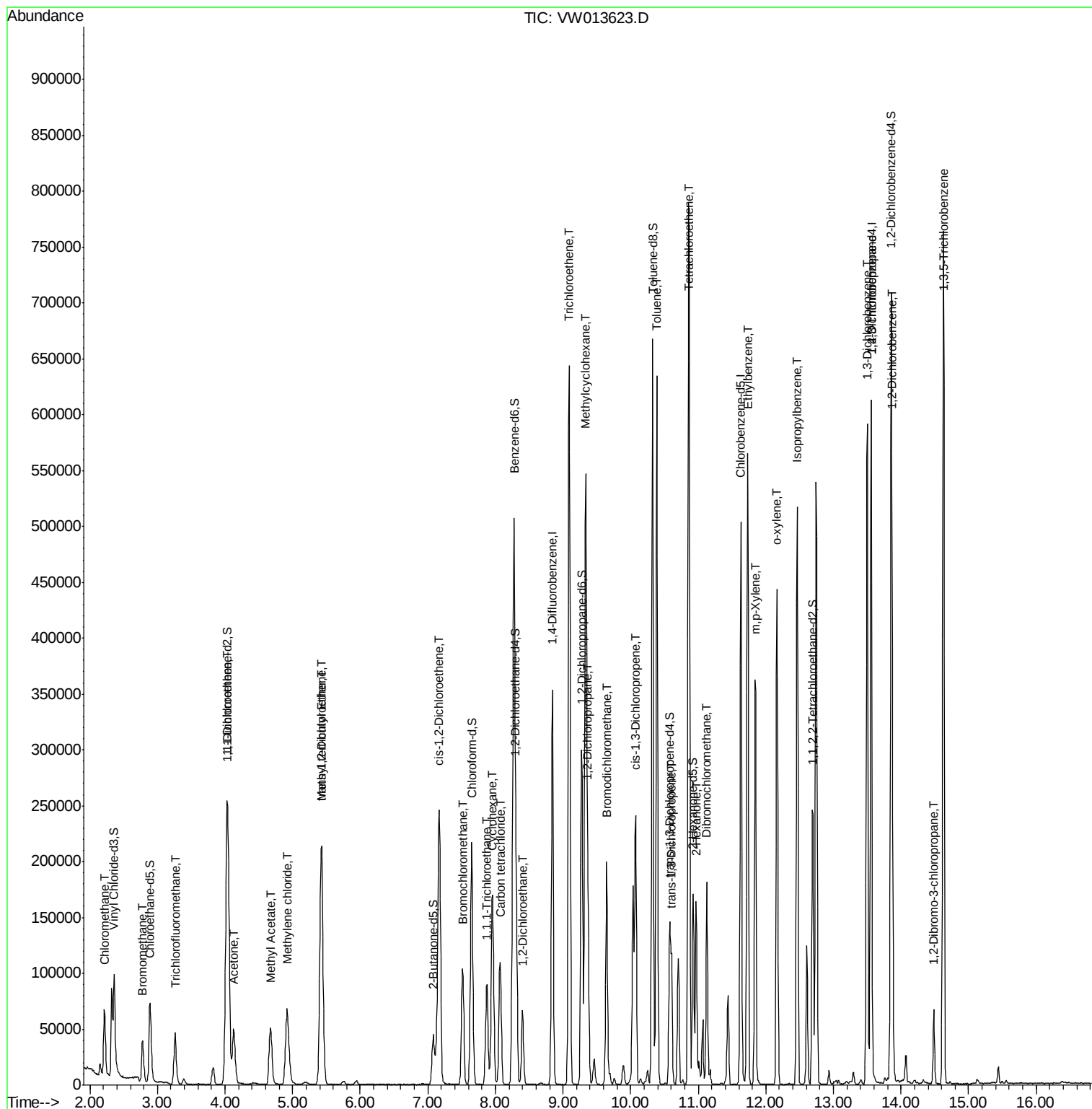
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 1,2-Dichloropropane	9.37	63	69797	13.135	ug/L	100
41) Bromodichloromethane	9.64	83	138597	21.287	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	146656	17.481	ug/L	98
44) Toluene	10.39	91	481830	20.636	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	59482	8.784	ug/L	95
47) Tetrachloroethene	10.86	164	202003	39.578	ug/L	98
49) 2-Hexanone	10.97	43	96317	37.449	ug/L	94
50) Dibromochloromethane	11.13	129	100772	20.836	ug/L	96
53) Ethylbenzene	11.73	91	406557	15.759	ug/L	99
54) m,p-Xylene	11.84	106	103756	10.408	ug/L	99
55) o-xylene	12.16	106	122953	12.997	ug/L	100
57) Isopropylbenzene	12.46	105	343665	13.543	ug/L	99
59) 1,2,3-Trichloropropane	13.55	75	19293	5.386	ug/L	96
63) 1,3-Dichlorobenzene	13.50	146	260423	21.537	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	119598	10.916	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	15666	20.803	ug/L #	89
67) 1,3,5-Trichlorobenzene	14.63	180	263652	29.329	ug/L	99

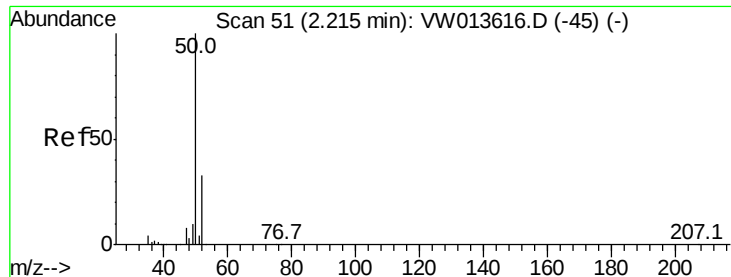
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 16.903 ug/L

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW013623.D

Acq: 18 Oct 2019 17:32

Instrument :

MSVOA_W

ClientSampleId :

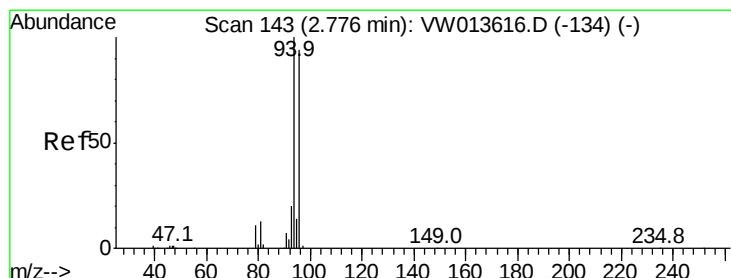
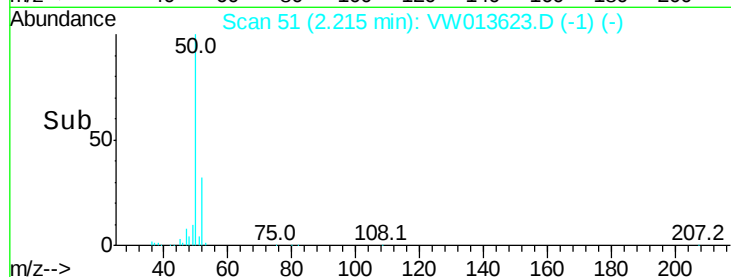
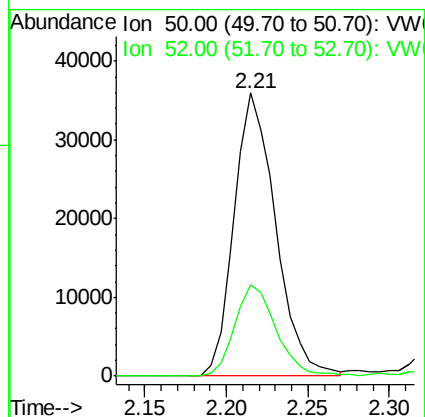
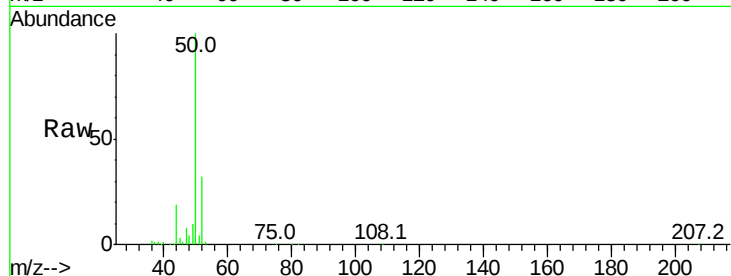
X2J24

Tgt Ion: 50 Resp: 63987

Ion Ratio Lower Upper

50 100

52 32.2 23.3 43.3



#6

Bromomethane

Concen: 8.306 ug/L

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW013623.D

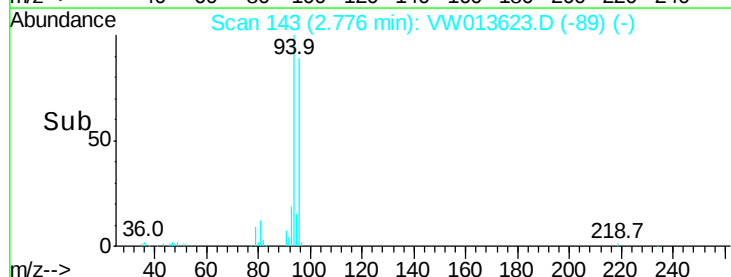
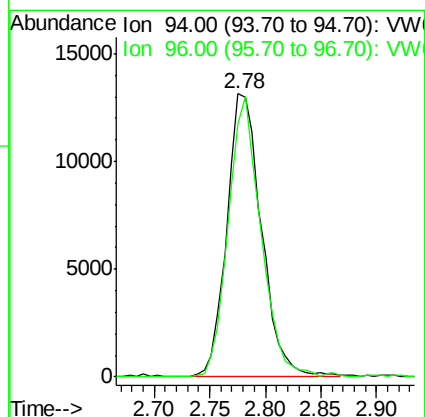
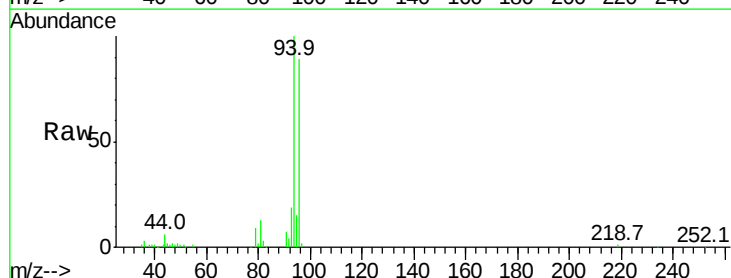
Acq: 18 Oct 2019 17:32

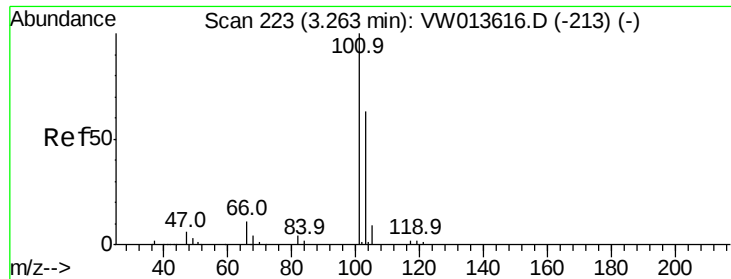
Tgt Ion: 94 Resp: 28391

Ion Ratio Lower Upper

94 100

96 92.9 9.3 176.9



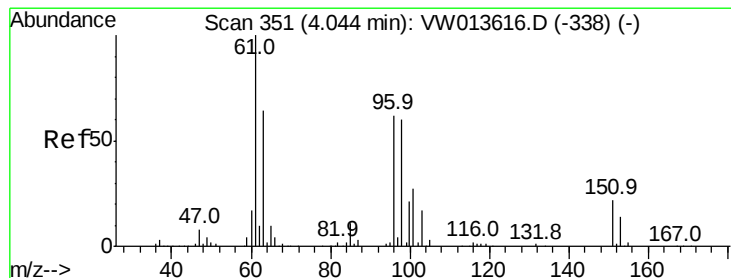
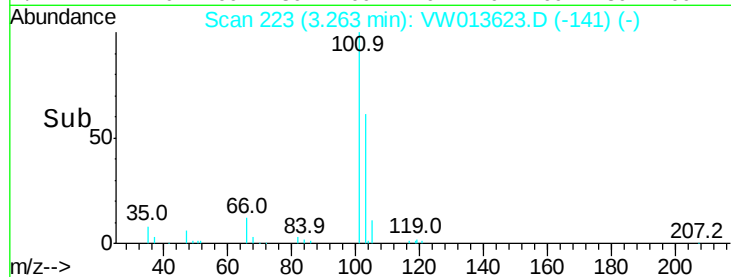
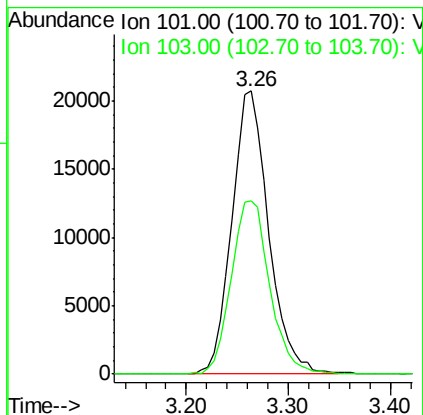
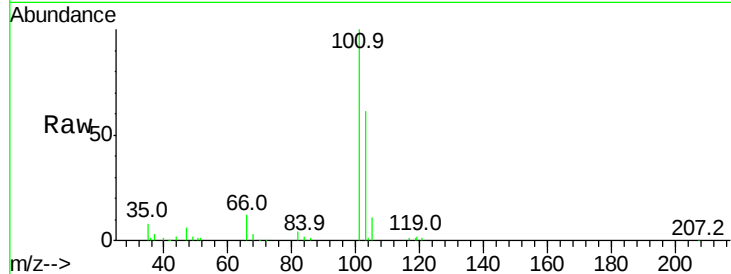


#9

Trichlorofluoromethane
 Concen: 16.279 ug/L
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW013623.D
 Acq: 18 Oct 2019 17:32

Instrument :
 MSVOA_W
 ClientSampled :
 X2J24

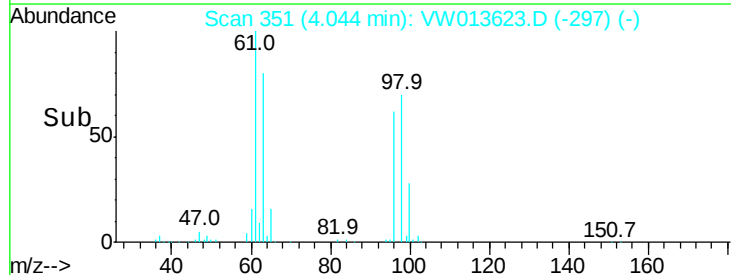
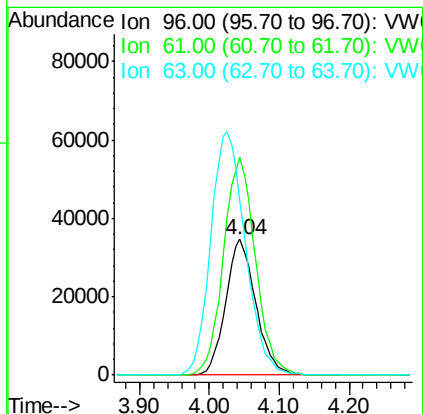
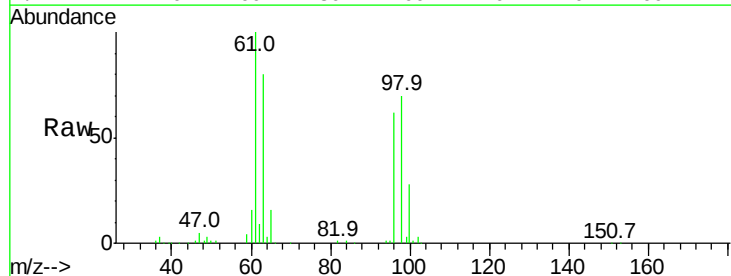
Tgt Ion:101 Resp: 51905
 Ion Ratio Lower Upper
 101 100
 103 64.0 46.5 86.5

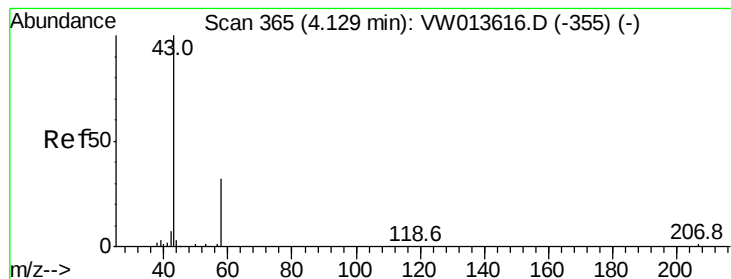


#12

1,1-Dichloroethene
 Concen: 20.959 ug/L
 RT: 4.04 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VW013623.D
 Acq: 18 Oct 2019 17:32

Tgt Ion: 96 Resp: 103562
 Ion Ratio Lower Upper
 96 100
 61 160.0 112.7 209.3
 63 128.0 72.8 135.2





#13

Acetone

Concen: 58.982 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW013623.D

Acq: 18 Oct 2019 17:32

Instrument :

MSVOA_W

ClientSampled :

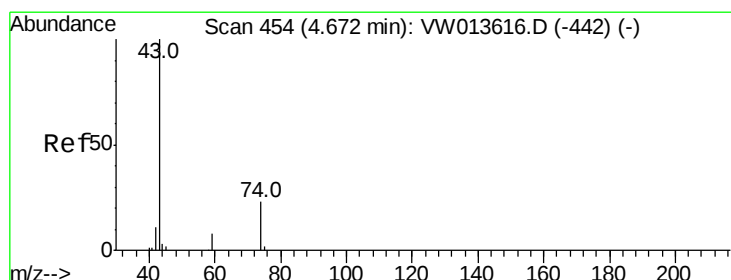
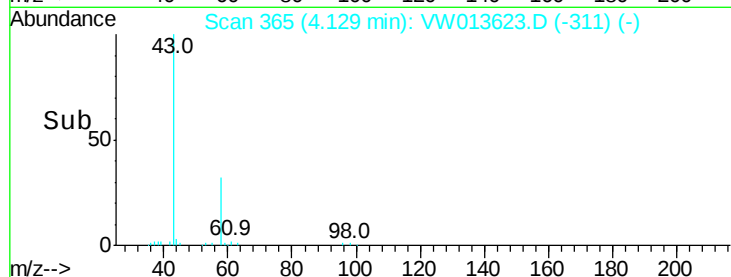
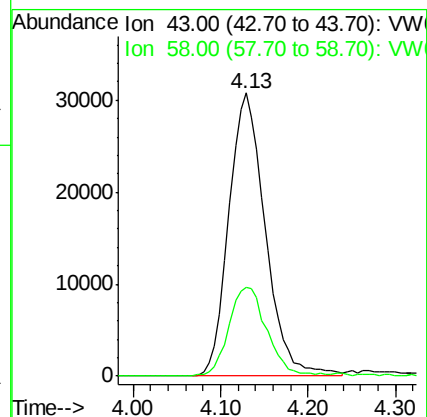
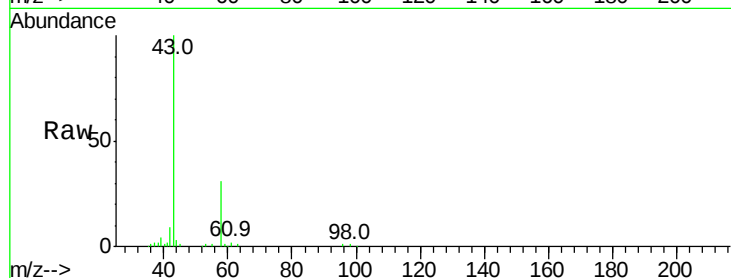
X2J24

Tgt Ion: 43 Resp: 89314

Ion Ratio Lower Upper

43 100

58 32.6 0.0 70.4



#15

Methyl Acetate

Concen: 39.746 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW013623.D

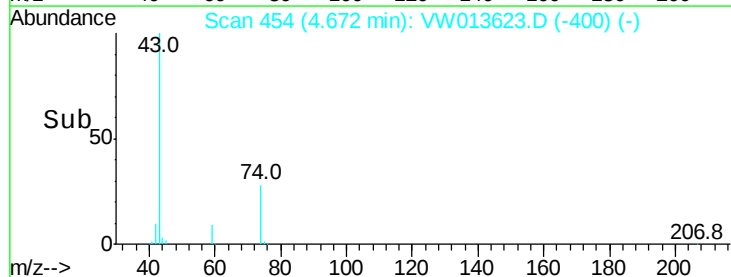
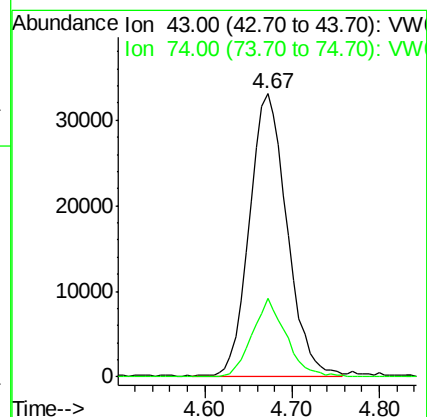
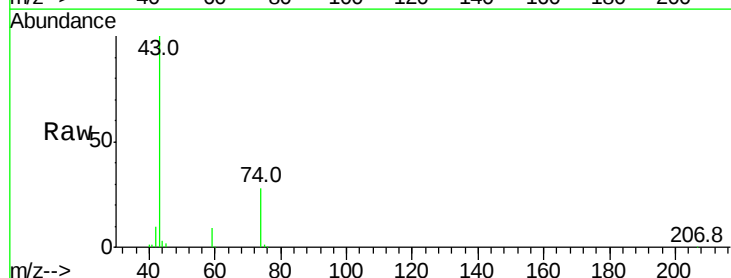
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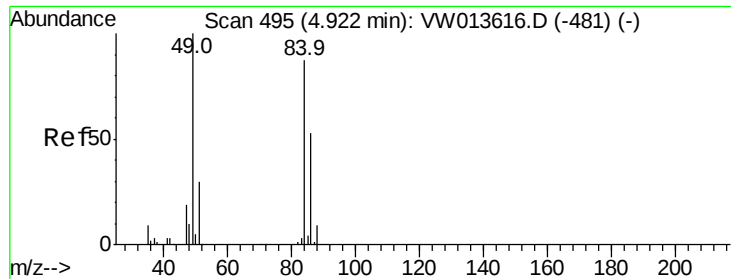
Tgt Ion: 43 Resp: 98341

Ion Ratio Lower Upper

43 100

74 25.0 19.2 28.8

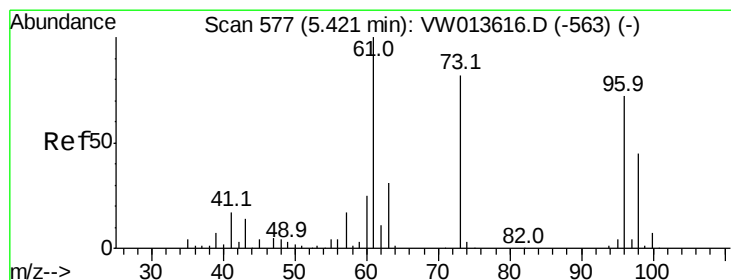
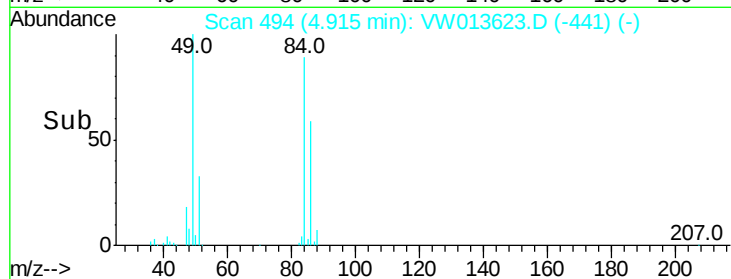
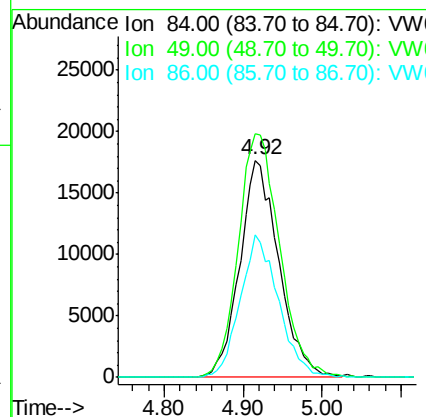
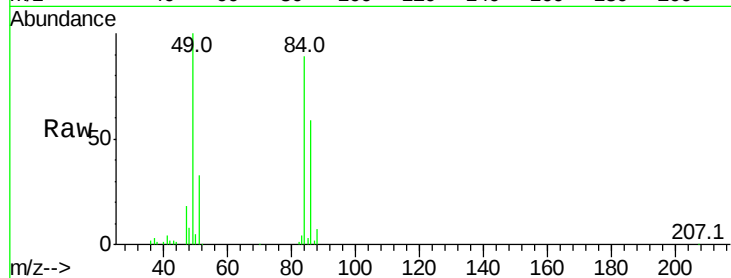




#16
Methylene chloride
Concen: 10.206 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW013623.D
Acq: 18 Oct 2019 17:32

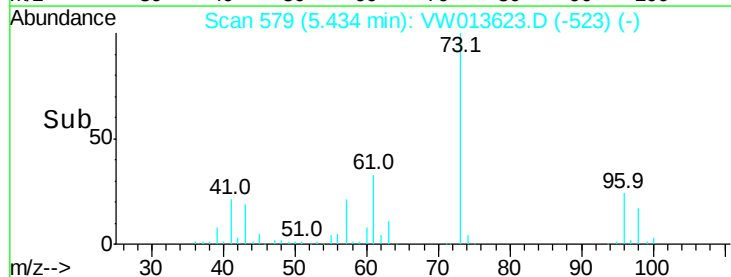
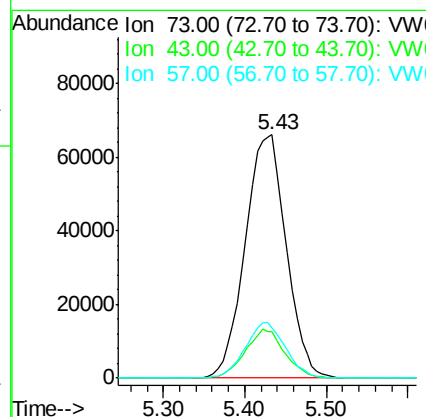
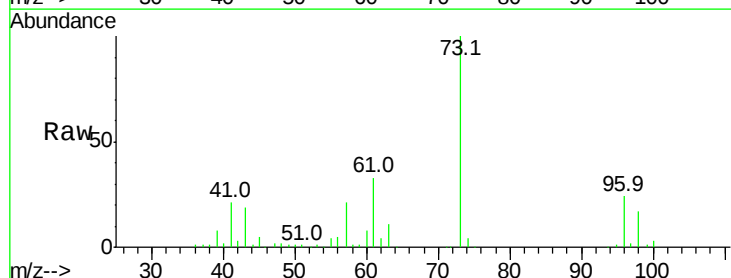
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X2J24

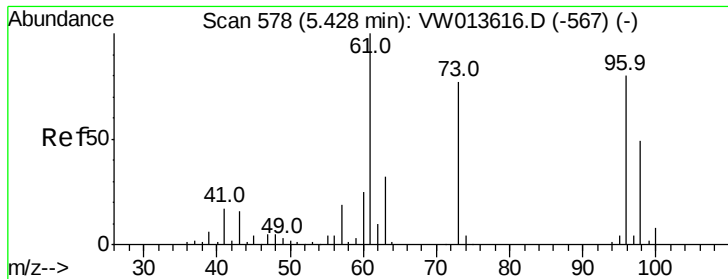
Tgt Ion: 84 Resp: 60762
Ion Ratio Lower Upper
84 100
49 112.0 80.2 148.9
86 65.7 42.7 79.3



#17
Methyl tert-butyl Ether
Concen: 33.804 ug/L
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW013623.D
Acq: 18 Oct 2019 17:32

Tgt Ion: 73 Resp: 231114
Ion Ratio Lower Upper
73 100
43 19.4 15.4 23.2
57 22.3 17.7 26.5

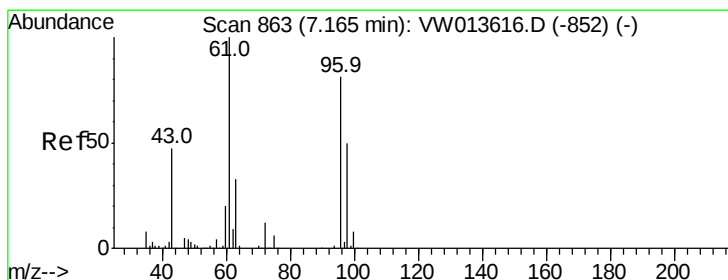
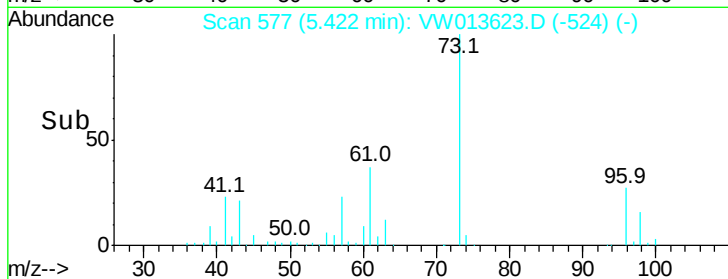
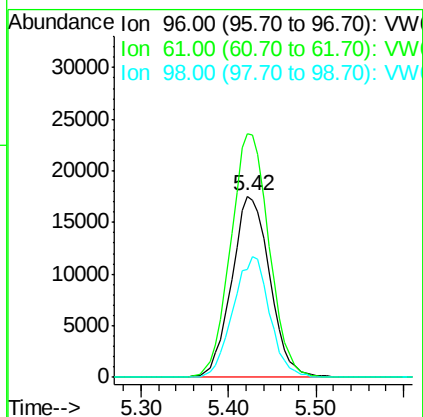
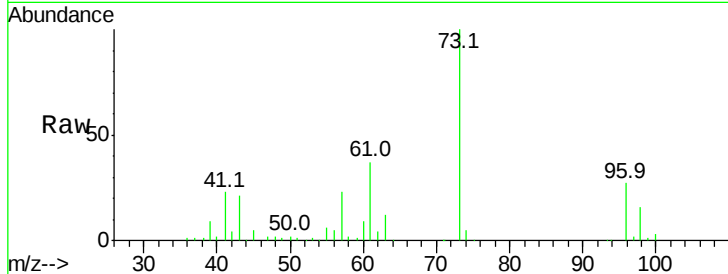




#18
 trans-1,2-Dichloroethene
 Concen: 9.729 ug/L
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW013623.D
 Acq: 18 Oct 2019 17:32

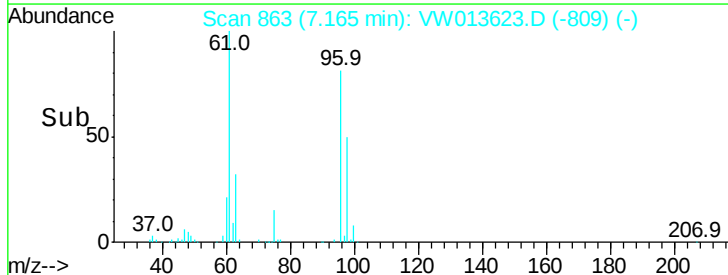
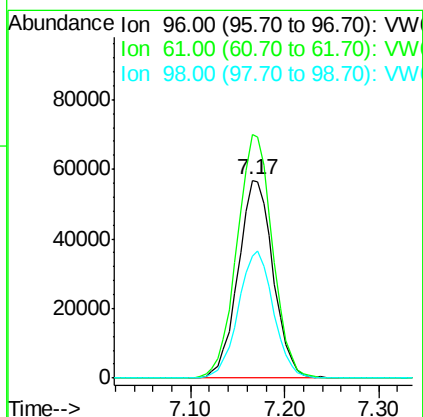
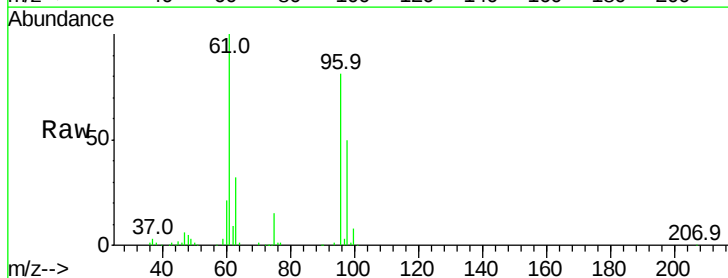
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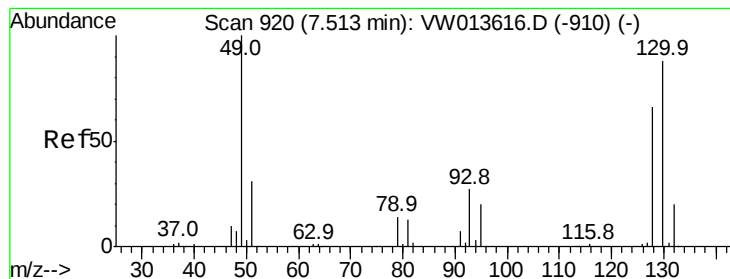
Tgt Ion: 96 Resp: 53144
 Ion Ratio Lower Upper
 96 100
 61 134.2 88.4 164.2
 98 59.3 43.0 79.8



#22
 cis-1,2-Dichloroethene
 Concen: 25.227 ug/L
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW013623.D
 Acq: 18 Oct 2019 17:32

Tgt Ion: 96 Resp: 147908
 Ion Ratio Lower Upper
 96 100
 61 123.2 86.2 160.0
 98 62.0 43.0 79.8





#23

Bromochloromethane

Concen: 15.262 ug/L

RT: 7.51 min Scan# 920

Delta R.T. 0.00 min

Lab File: VW013623.D

Acq: 18 Oct 2019 17:32

Instrument :

MSVOA_W

ClientSampled :

X2J24

Tgt Ion:128 Resp: 40445

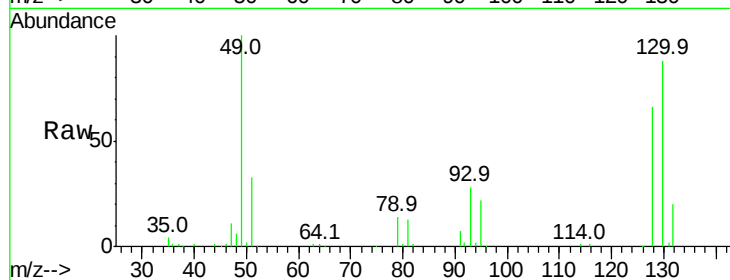
Ion Ratio Lower Upper

128 100

49 151.1 106.3 197.3

130 133.4 93.2 173.2

51 49.7 37.4 56.0

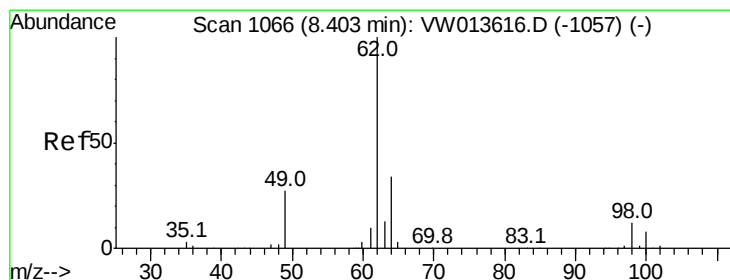
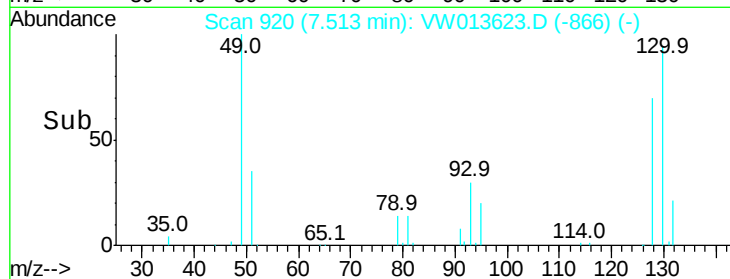
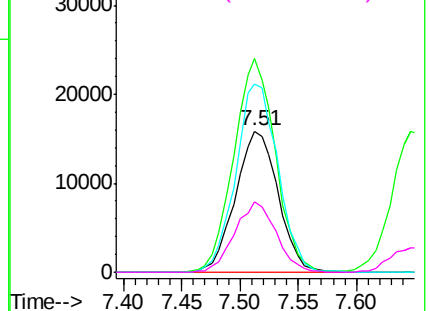


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VW

Ion 130.00 (129.70 to 130.70): V

Ion 51.00 (50.70 to 51.70): VW



#27

1,2-Dichloroethane

Concen: 10.194 ug/L

RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW013623.D

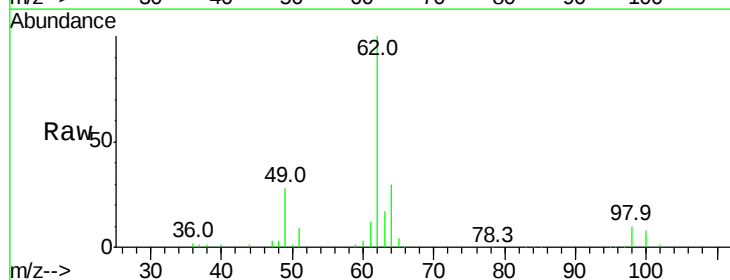
Acq: 18 Oct 2019 17:32

Tgt Ion: 62 Resp: 60683

Ion Ratio Lower Upper

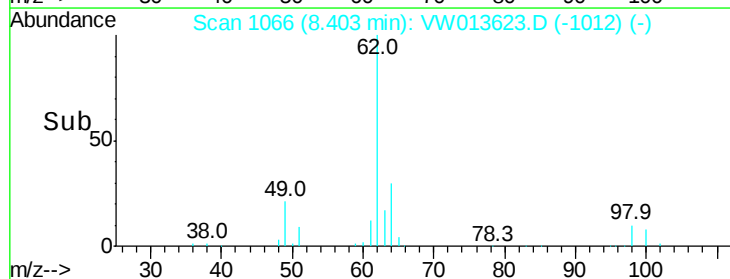
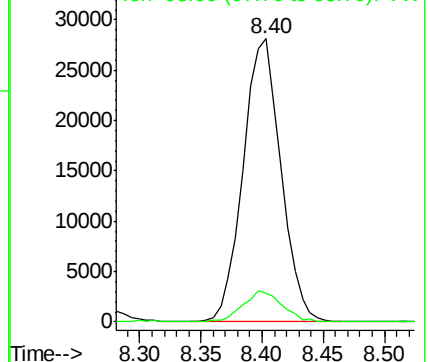
62 100

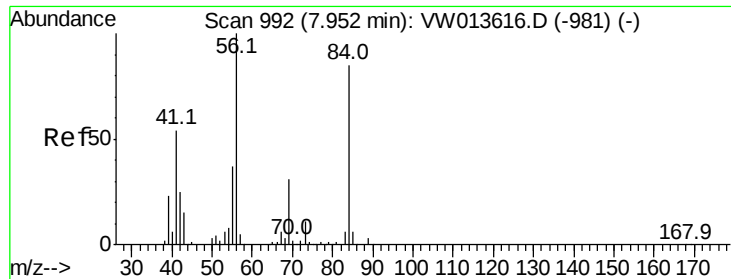
98 10.2 9.6 14.4



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 98.00 (97.70 to 98.70): VW

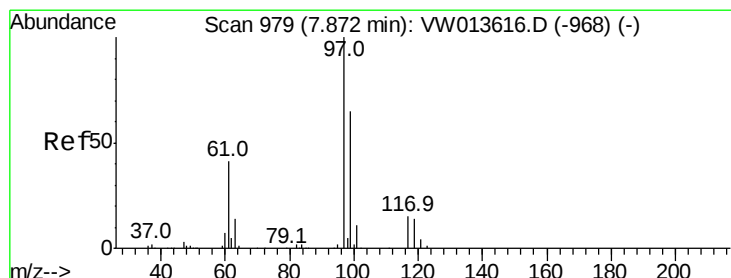
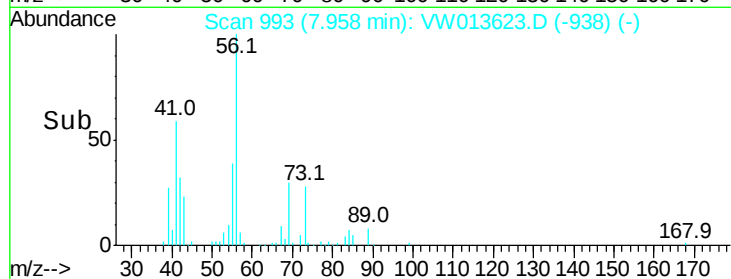
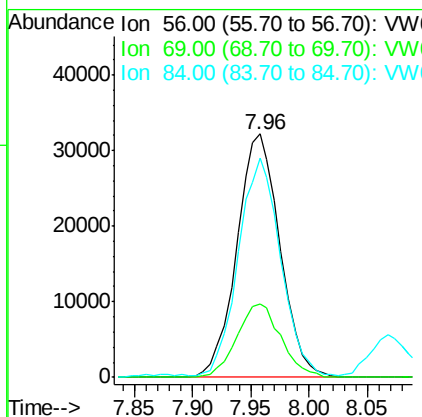
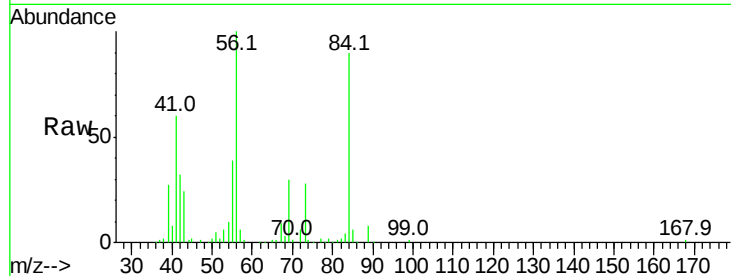




#30
Cyclohexane
Concen: 9.302 ug/L
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW013623.D
Acq: 18 Oct 2019 17:32

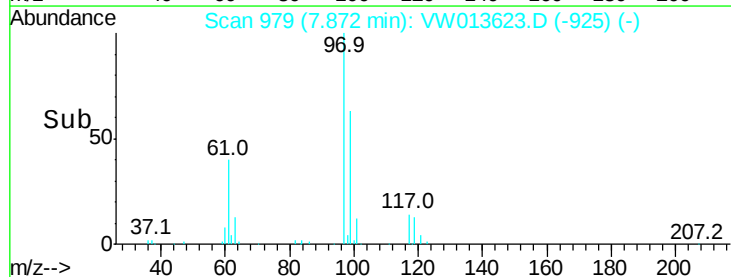
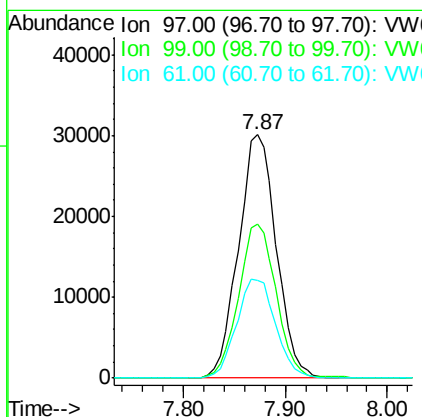
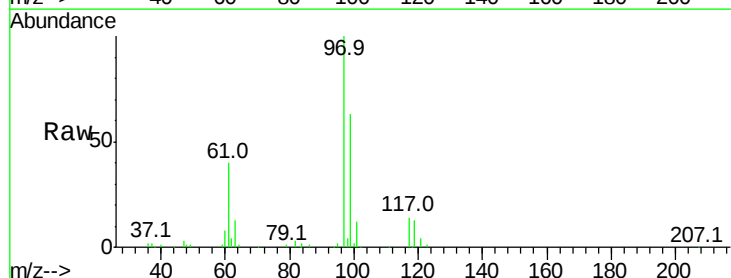
Instrument :
MSVOA_W
ClientSampleId :
X2J24

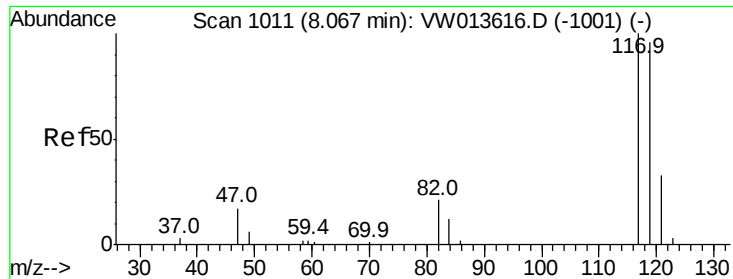
Tgt Ion: 56 Resp: 82543
Ion Ratio Lower Upper
56 100
69 30.9 24.6 37.0
84 89.2 71.1 106.7



#31
1,1,1-Trichloroethane
Concen: 10.977 ug/L
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW013623.D
Acq: 18 Oct 2019 17:32

Tgt Ion: 97 Resp: 77546
Ion Ratio Lower Upper
97 100
99 62.7 51.7 77.5
61 41.8 33.8 50.8





#32

Carbon tetrachloride

Concen: 12.892 ug/L

RT: 8.07 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VW013623.D

Acq: 18 Oct 2019 17:32

Instrument :

MSVOA_W

ClientSampleId :

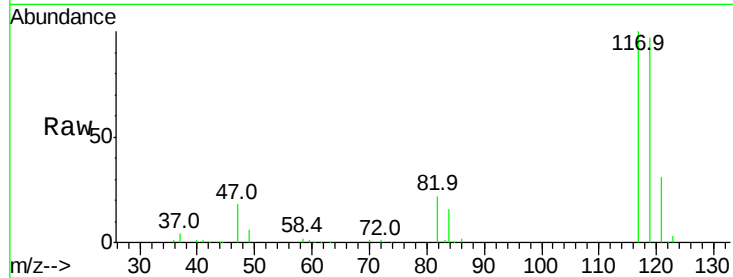
X2J24

Tgt Ion:117 Resp: 88686

Ion Ratio Lower Upper

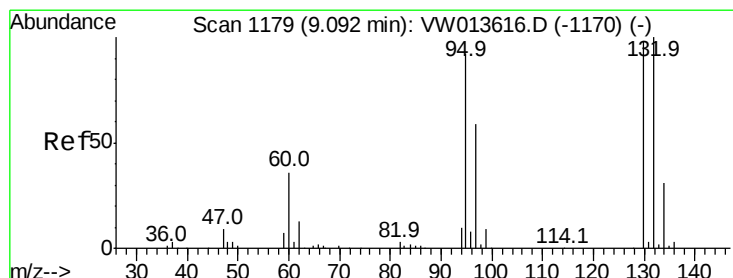
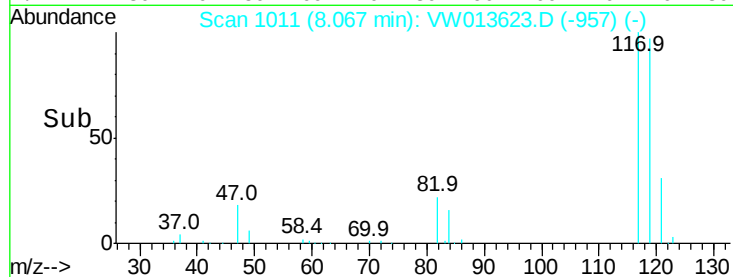
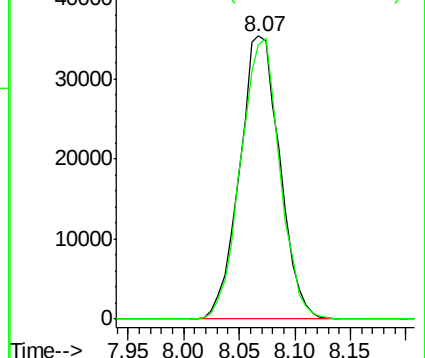
117 100

119 96.4 76.1 114.1



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#35

Trichloroethene

Concen: 40.500 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW013623.D

Acq: 18 Oct 2019 17:32

Tgt Ion: 95 Resp: 225819

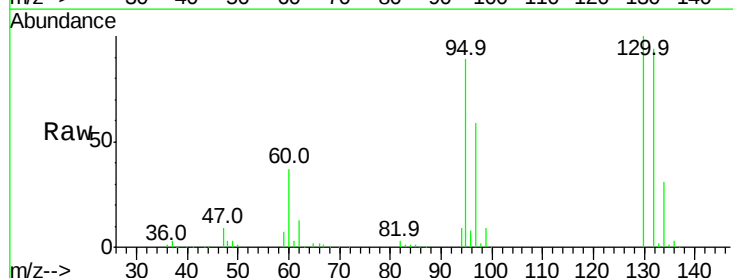
Ion Ratio Lower Upper

95 100

97 65.0 45.8 85.2

132 105.4 74.3 138.1

130 109.4 76.6 142.3

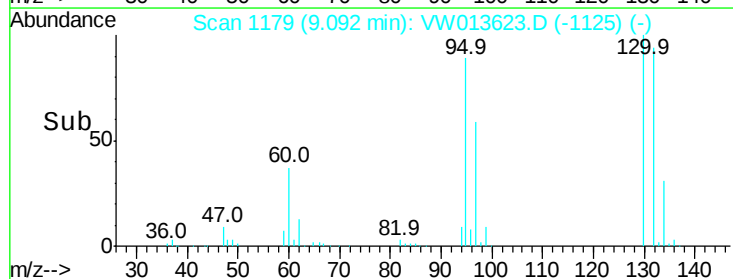
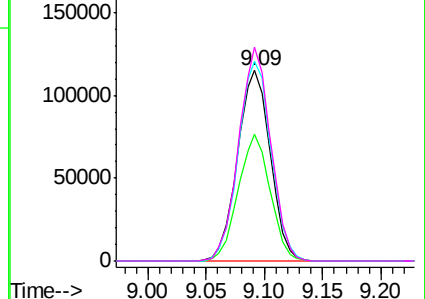


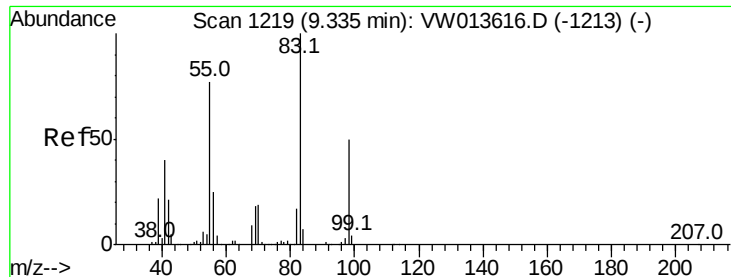
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

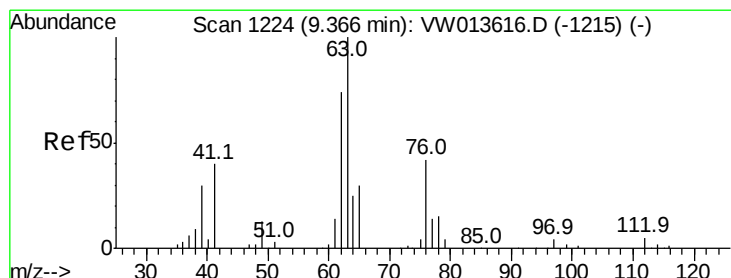
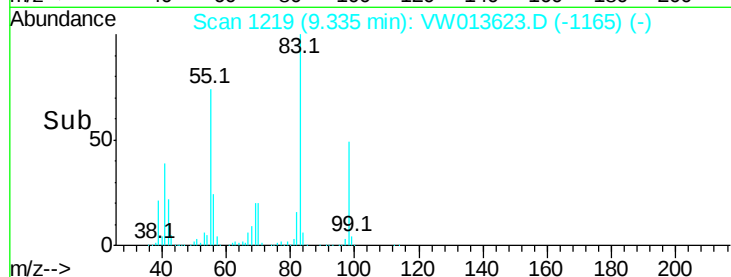
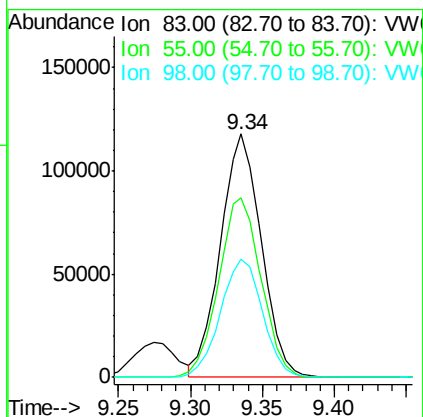
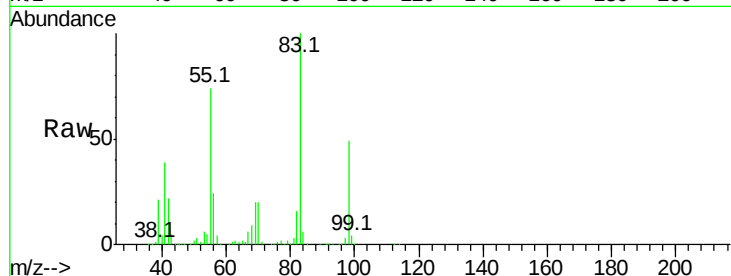




#36
Methylcyclohexane
Concen: 23.768 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW013623.D
Acq: 18 Oct 2019 17:32

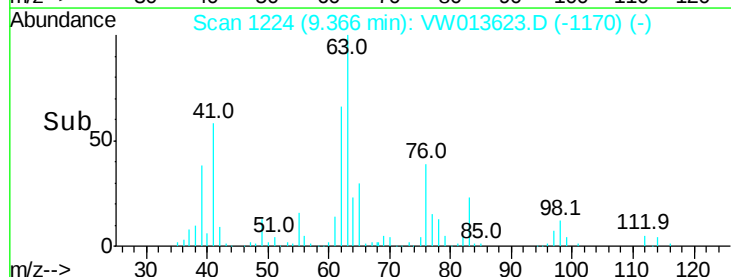
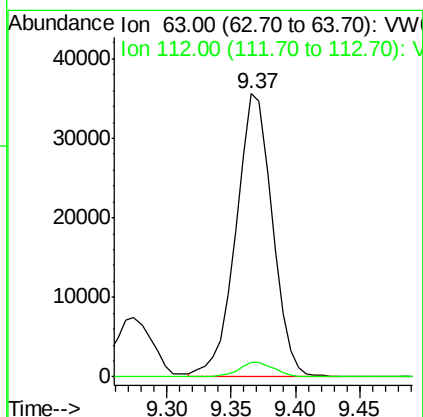
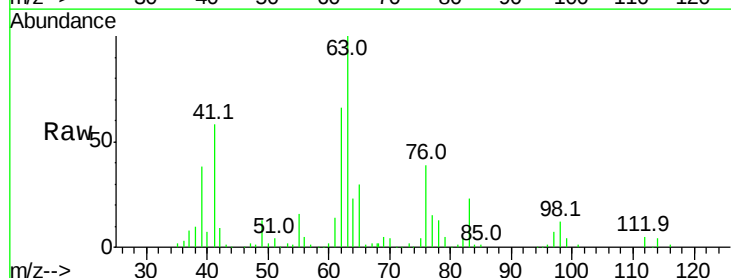
Instrument :
MSVOA_W
ClientSampled :
X2J24

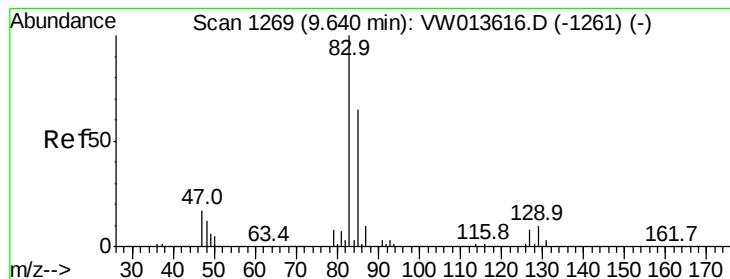
Tgt Ion: 83 Resp: 233591
Ion Ratio Lower Upper
83 100
55 76.3 60.2 90.4
98 50.1 39.1 58.7



#40
1,2-Dichloropropane
Concen: 13.135 ug/L
RT: 9.37 min Scan# 1224
Delta R.T. 0.00 min
Lab File: VW013623.D
Acq: 18 Oct 2019 17:32

Tgt Ion: 63 Resp: 69797
Ion Ratio Lower Upper
63 100
112 5.1 3.9 5.9





#41

Bromodichloromethane

Concen: 21.287 ug/L

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW013623.D

Acq: 18 Oct 2019 17:32

Instrument :

MSVOA_W

ClientSampleId :

X2J24

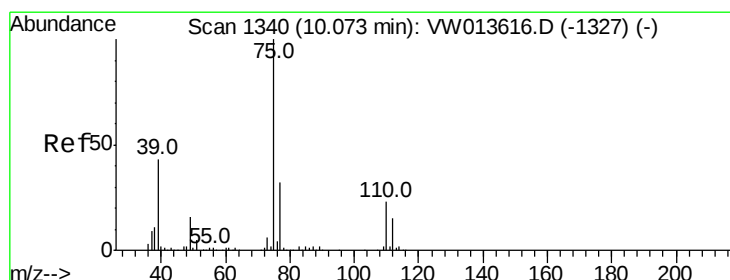
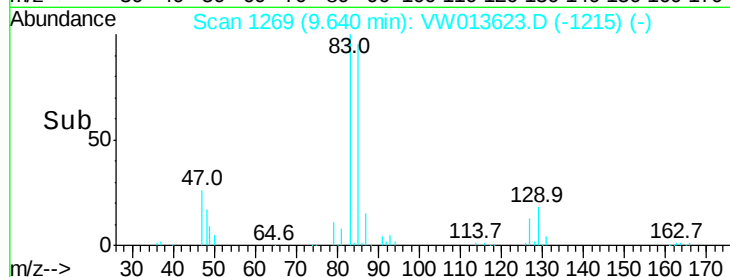
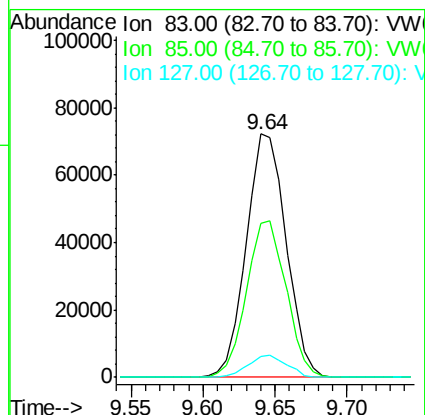
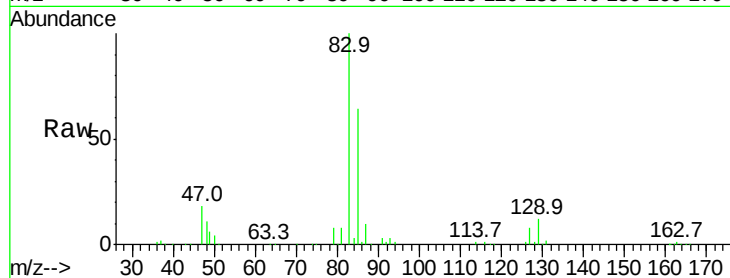
Tgt Ion: 83 Resp: 138597

Ion Ratio Lower Upper

83 100

85 63.5 45.8 85.0

127 8.4 6.6 10.0



#42

cis-1,3-Dichloropropene

Concen: 17.481 ug/L

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW013623.D

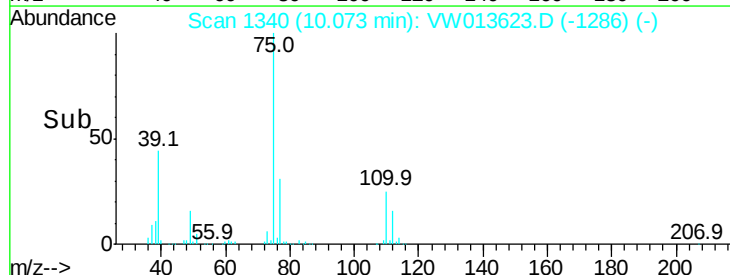
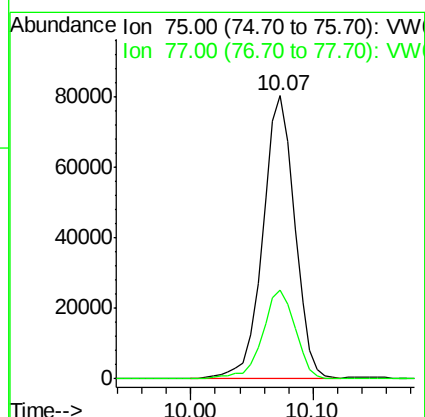
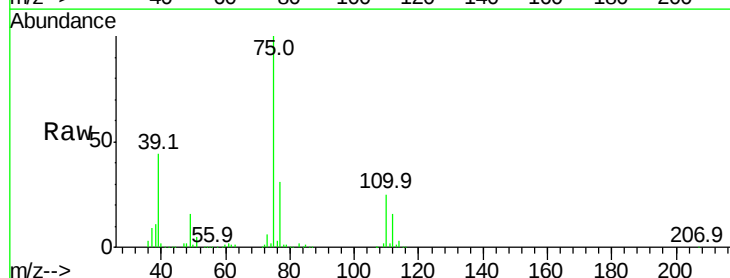
Acq: 18 Oct 2019 17:32

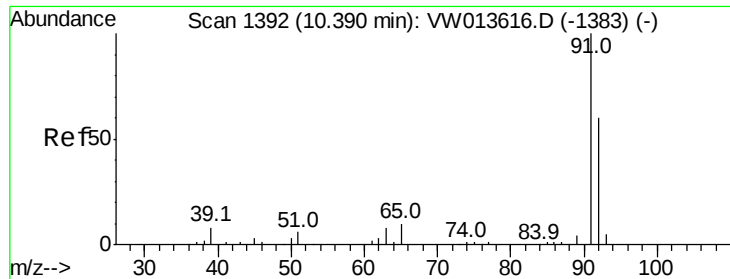
Tgt Ion: 75 Resp: 146656

Ion Ratio Lower Upper

75 100

77 31.3 22.5 41.9





#44

Toluene

Concen: 20.636 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW013623.D

Acq: 18 Oct 2019 17:32

Instrument :

MSVOA_W

ClientSampled :

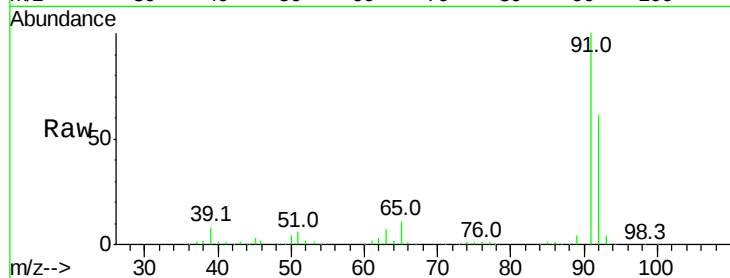
X2J24

Tgt Ion: 91 Resp: 481830

Ion Ratio Lower Upper

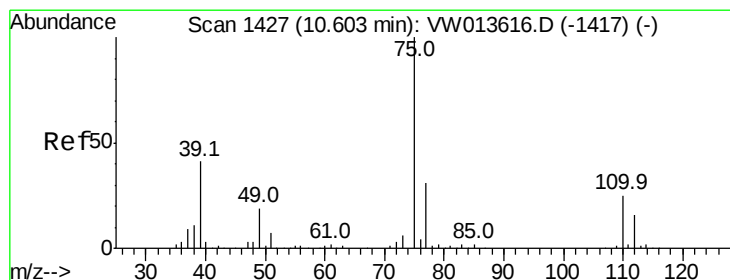
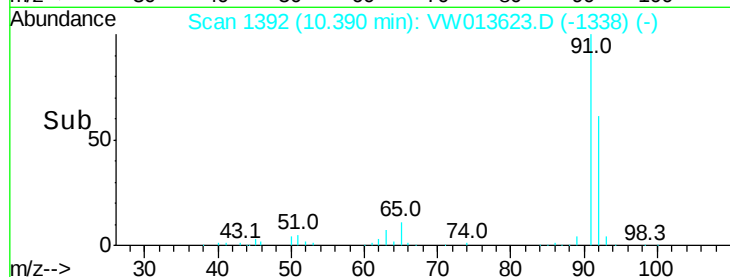
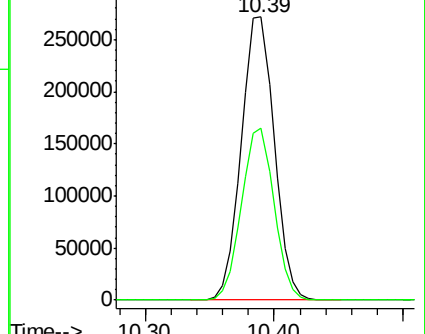
91 100

92 60.8 42.0 78.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW



#45

trans-1,3-Dichloropropene

Concen: 8.784 ug/L

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW013623.D

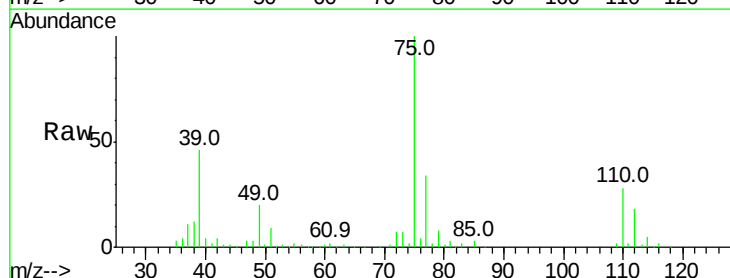
Acq: 18 Oct 2019 17:32

Tgt Ion: 75 Resp: 59482

Ion Ratio Lower Upper

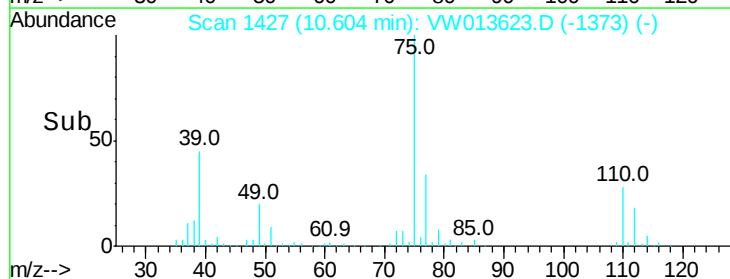
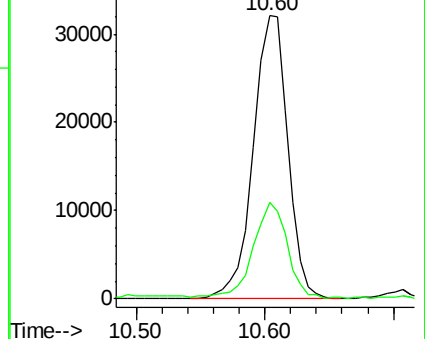
75 100

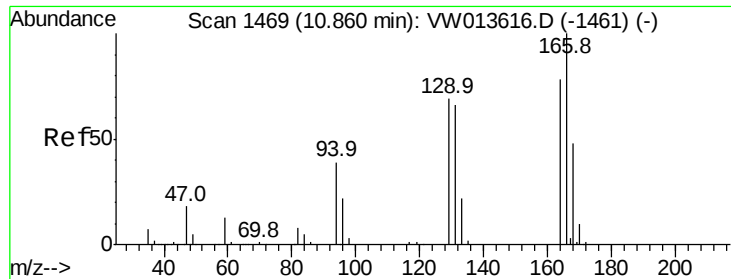
77 34.3 22.0 41.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#47

Tetrachloroethene

Concen: 39.578 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW013623.D

Acq: 18 Oct 2019 17:32

Instrument :

MSVOA_W

ClientSampleId :

X2J24

Tgt Ion:164 Resp: 202003

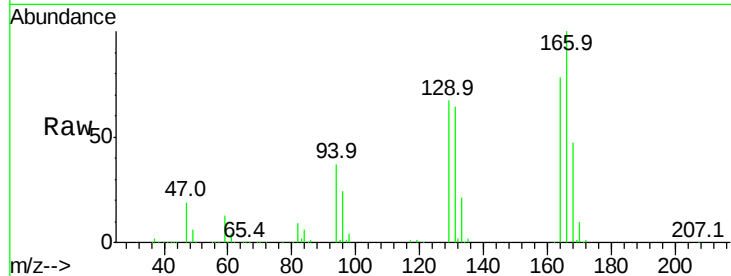
Ion Ratio Lower Upper

164 100

129 86.4 61.8 114.8

131 82.6 59.2 110.0

166 128.3 89.2 165.8

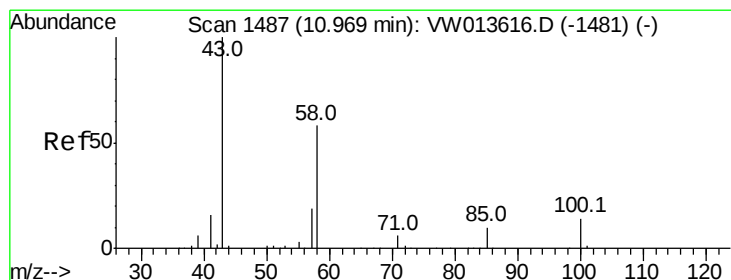
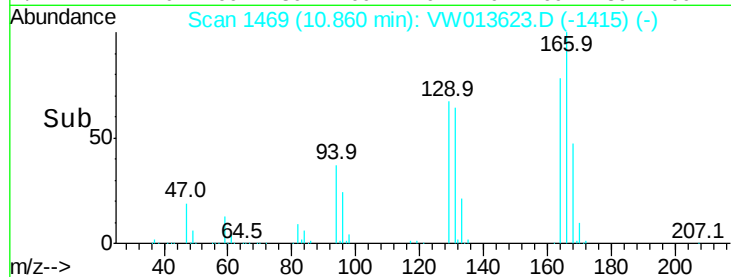
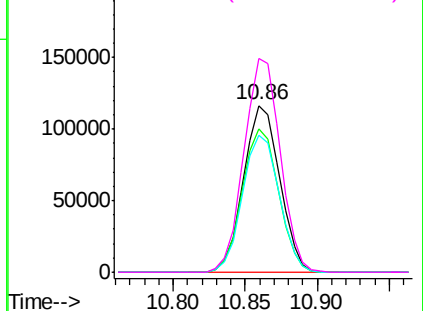


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

2-Hexanone

Concen: 37.449 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW013623.D

Acq: 18 Oct 2019 17:32

Tgt Ion: 43 Resp: 96317

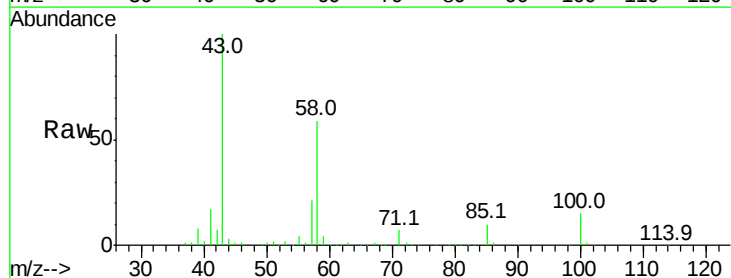
Ion Ratio Lower Upper

43 100

58 62.9 45.8 68.6

57 21.5 15.4 23.2

100 15.0 10.8 16.2

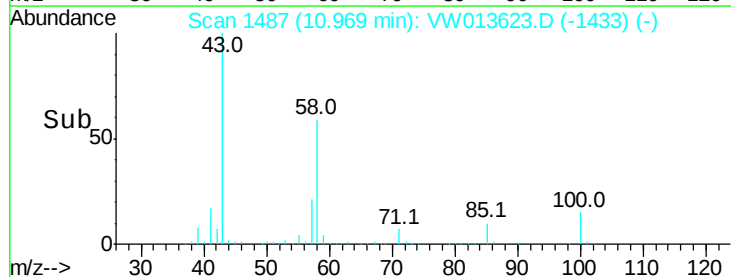
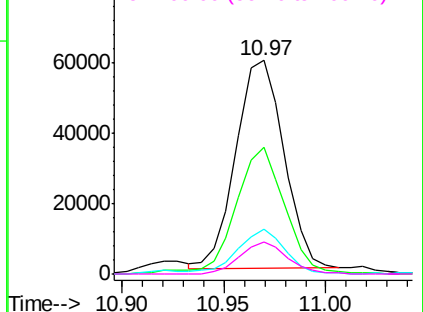


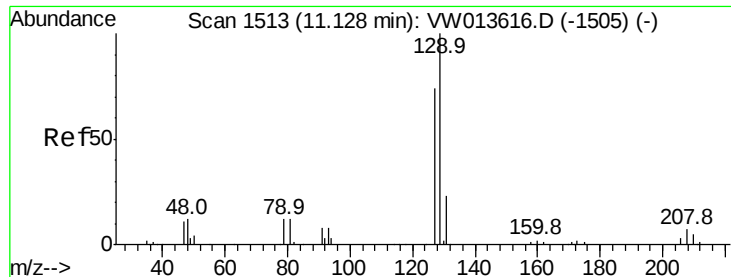
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW





#50

Dibromochloromethane

Concen: 20.836 ug/L

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW013623.D

Acq: 18 Oct 2019 17:32

Instrument :

MSVOA_W

ClientSampleId :

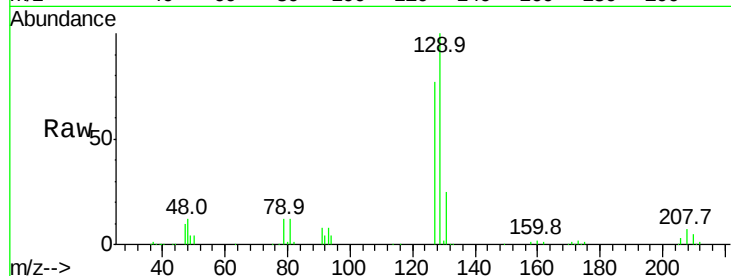
X2J24

Tgt Ion:129 Resp: 100772

Ion Ratio Lower Upper

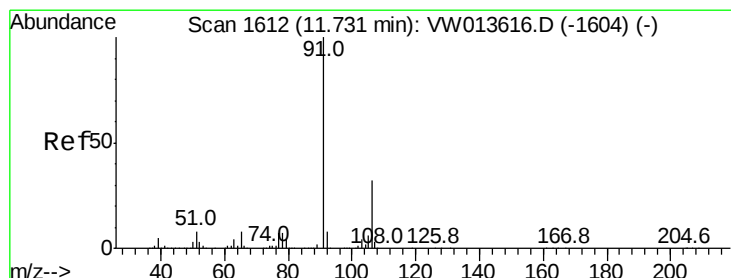
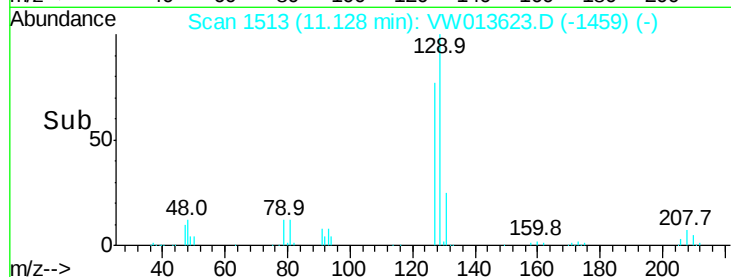
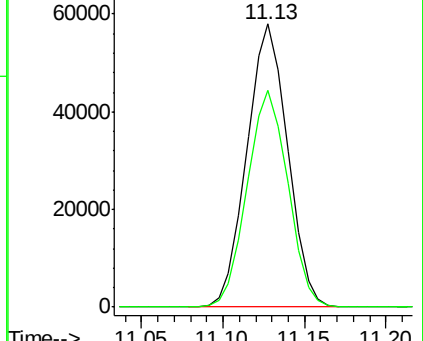
129 100

127 76.7 51.4 95.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#53

Ethylbenzene

Concen: 15.759 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW013623.D

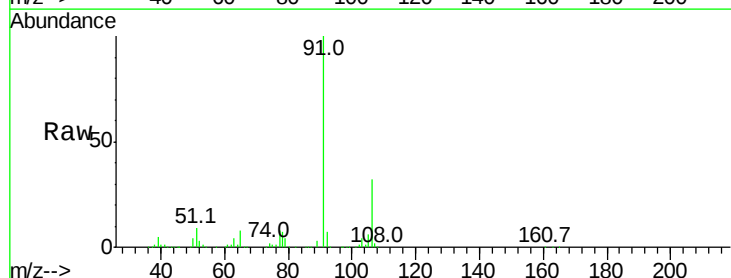
Acq: 18 Oct 2019 17:32

Tgt Ion: 91 Resp: 406557

Ion Ratio Lower Upper

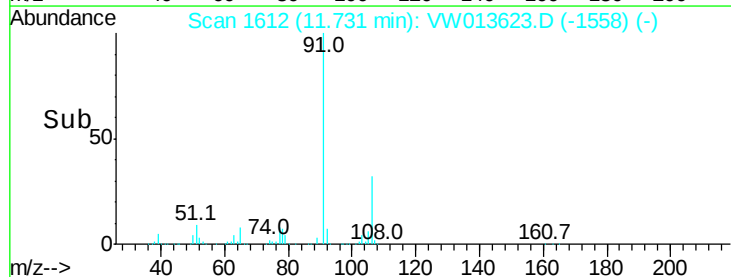
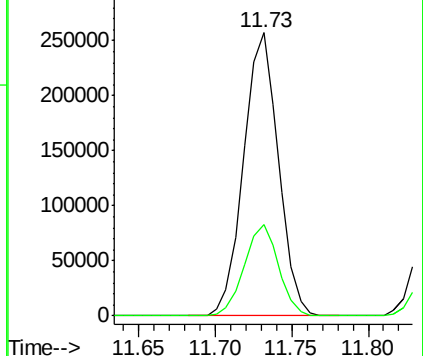
91 100

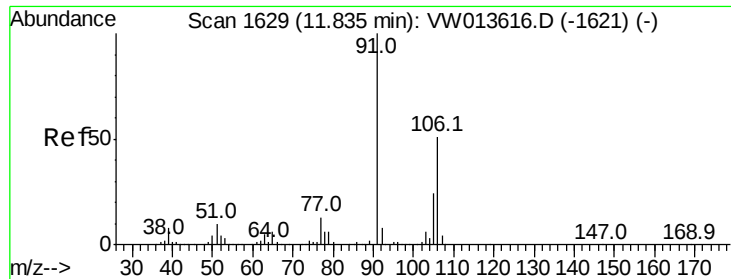
106 32.4 22.3 41.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V





#54

m,p-Xylene

Concen: 10.408 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. 0.01 min

Lab File: VW013623.D

Acq: 18 Oct 2019 17:32

Instrument :

MSVOA_W

ClientSampled :

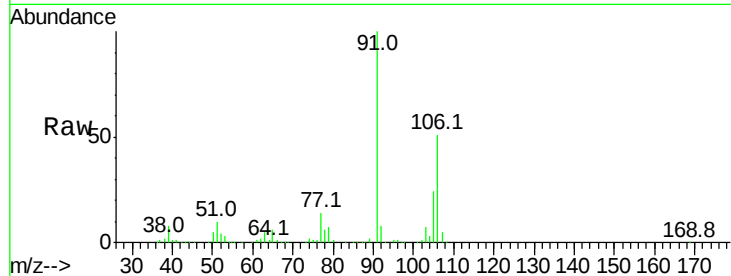
X2J24

Tgt Ion:106 Resp: 103756

Ion Ratio Lower Upper

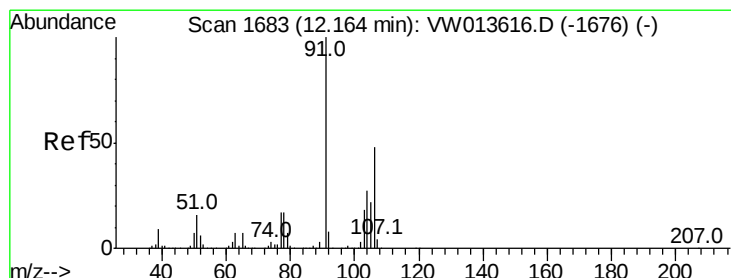
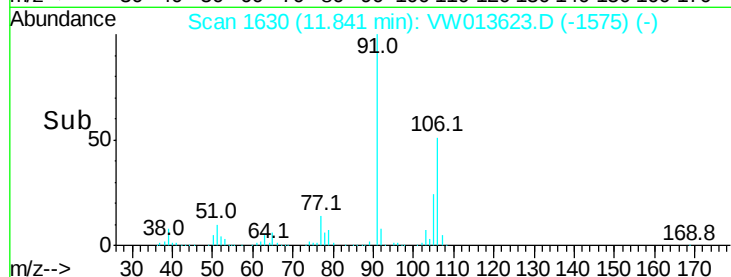
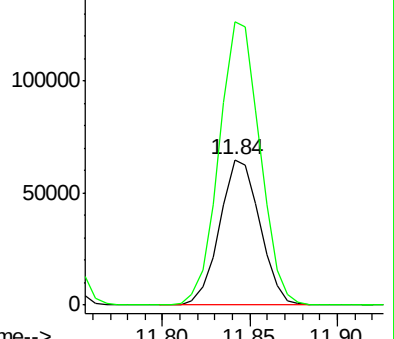
106 100

91 194.7 137.7 255.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 12.997 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW013623.D

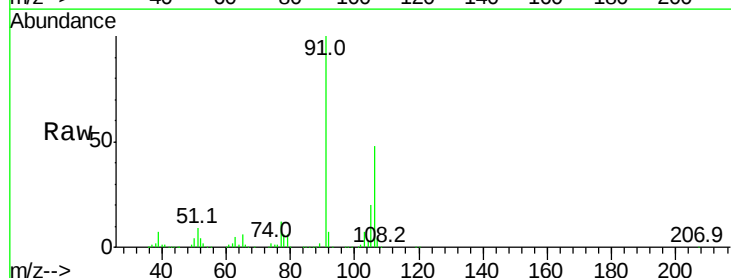
Acq: 18 Oct 2019 17:32

Tgt Ion:106 Resp: 122953

Ion Ratio Lower Upper

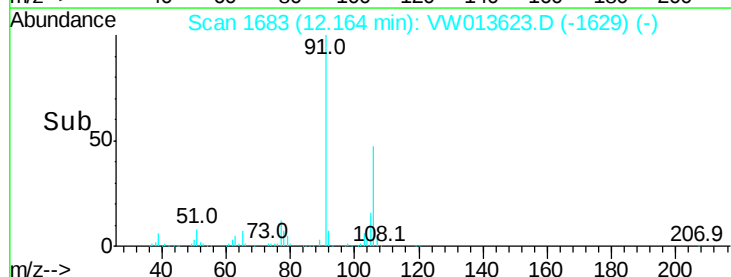
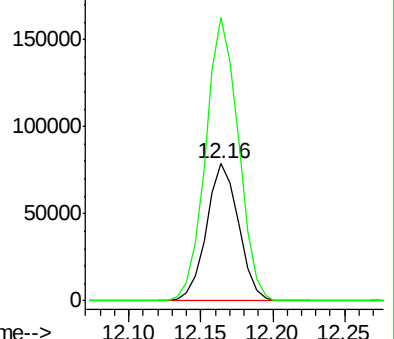
106 100

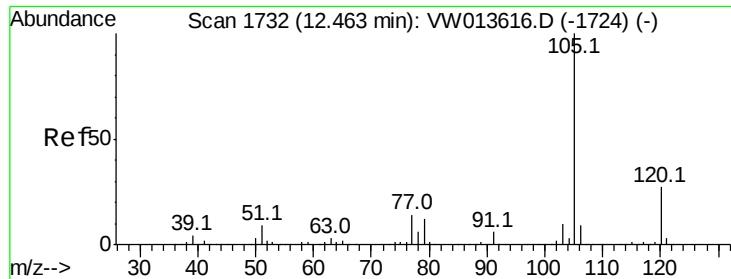
91 206.3 144.8 269.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#57

Isopropylbenzene

Concen: 13.543 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW013623.D

Acq: 18 Oct 2019 17:32

Instrument :

MSVOA_W

ClientSampleId :

X2J24

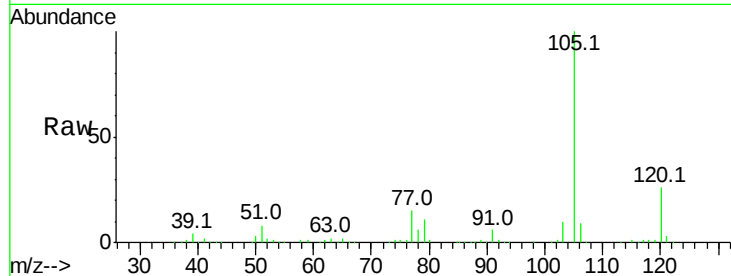
Tgt Ion:105 Resp: 343665

Ion Ratio Lower Upper

105 100

120 26.4 21.4 32.2

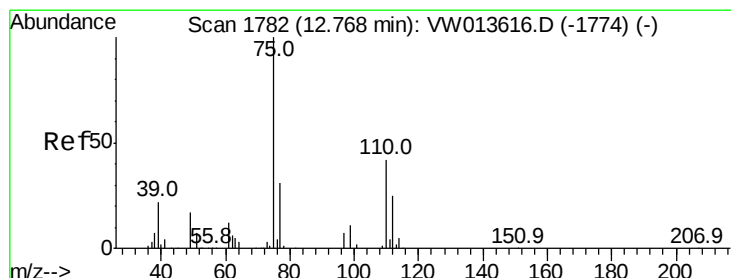
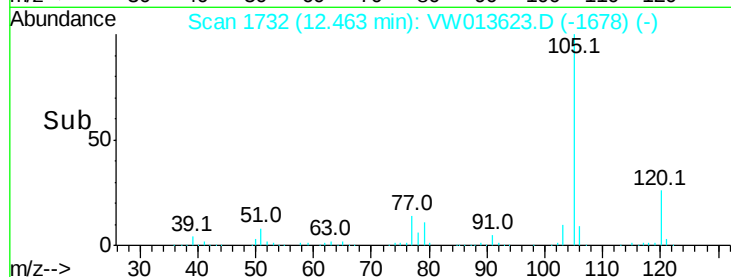
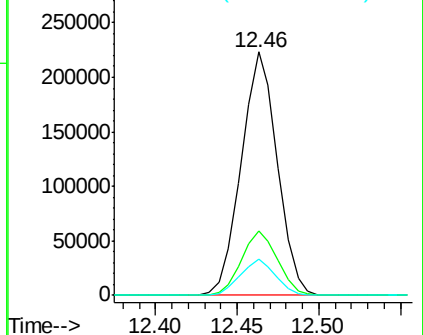
77 14.5 11.4 17.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VV



#59

1,2,3-Trichloropropane

Concen: 5.386 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW013623.D

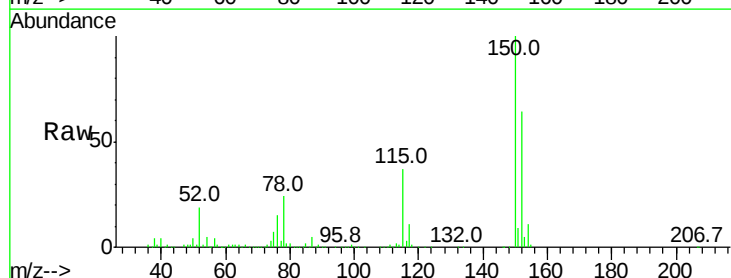
Acq: 18 Oct 2019 17:32

Tgt Ion: 75 Resp: 19293

Ion Ratio Lower Upper

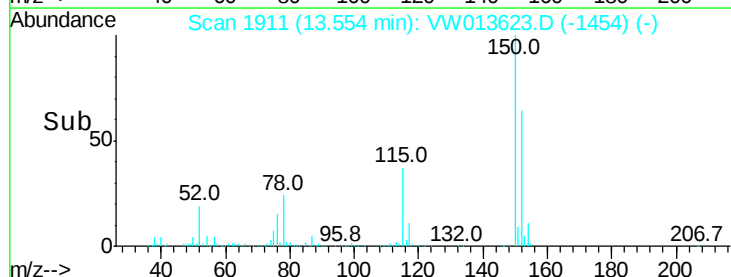
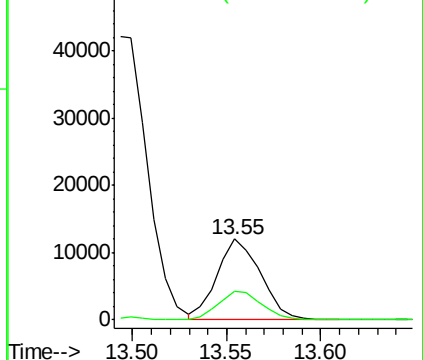
75 100

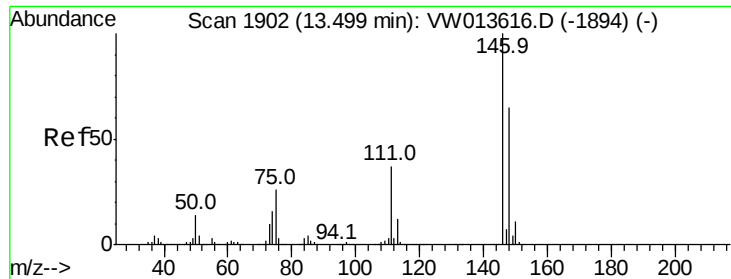
77 35.0 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VV

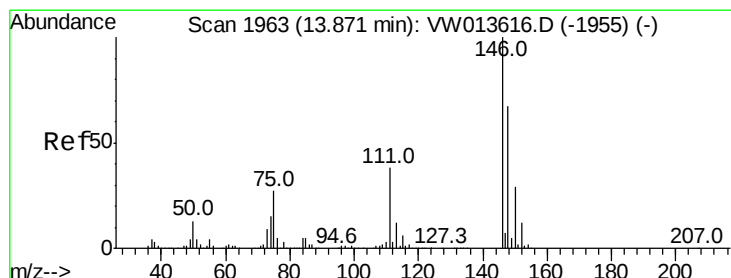
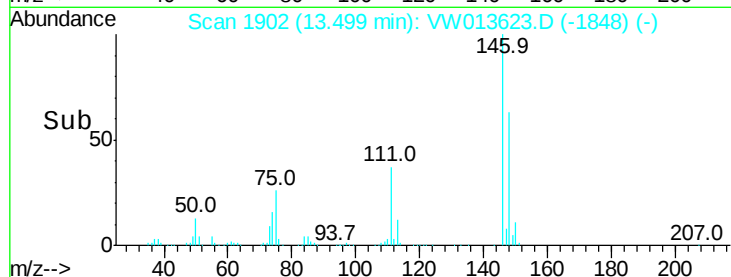
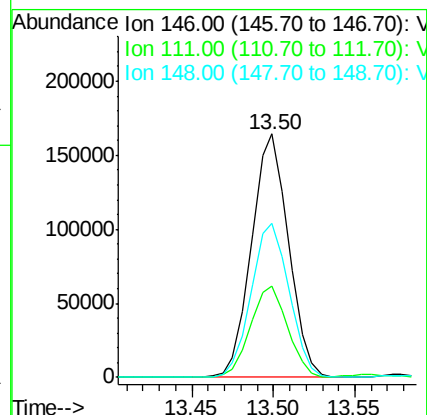
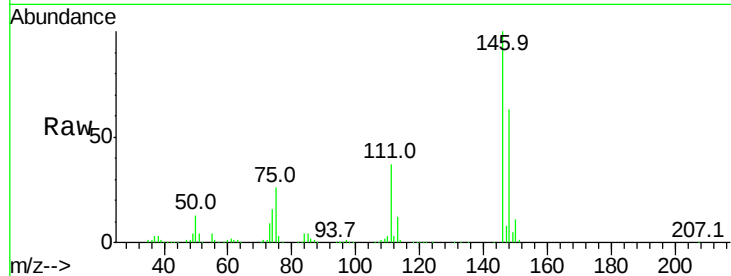




#63
 1,3-Dichlorobenzene
 Concen: 21.537 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW013623.D
 Acq: 18 Oct 2019 17:32

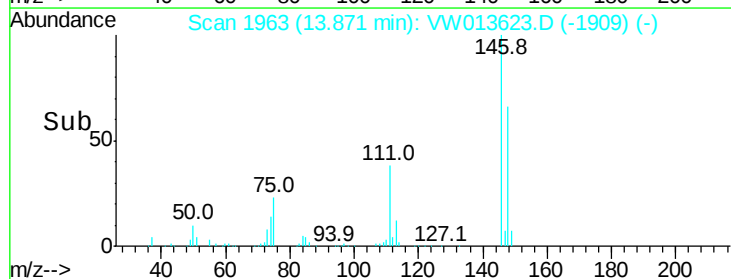
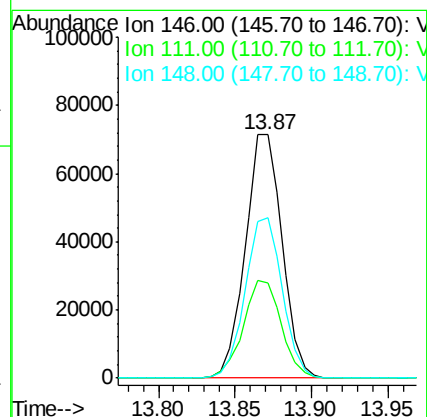
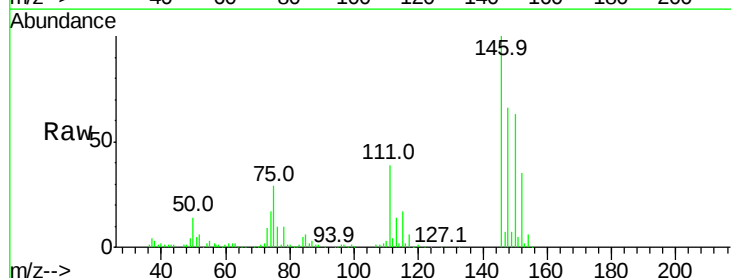
Instrument :
 MSVOA_W
 ClientSampleId :
 X2J24

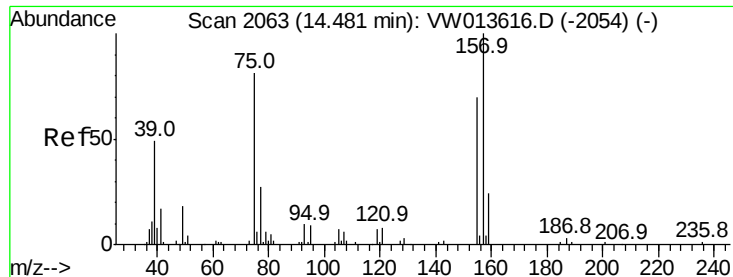
Tgt Ion:146 Resp: 260423
 Ion Ratio Lower Upper
 146 100
 111 37.3 26.1 48.5
 148 63.2 45.8 85.2



#65
 1,2-Dichlorobenzene
 Concen: 10.916 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW013623.D
 Acq: 18 Oct 2019 17:32

Tgt Ion:146 Resp: 119598
 Ion Ratio Lower Upper
 146 100
 111 39.3 30.7 46.1
 148 65.9 53.3 79.9





#66

1,2-Dibromo-3-chloropropane

Concen: 20.803 ug/L

RT: 14.49 min Scan# 2064

Delta R.T. 0.01 min

Lab File: VW013623.D

Acq: 18 Oct 2019 17:32

Instrument :

MSVOA_W

ClientSampleId :

X2J24

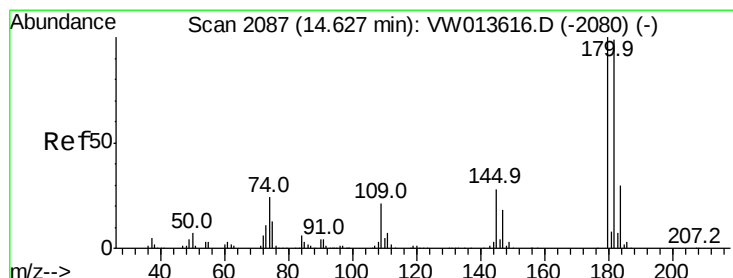
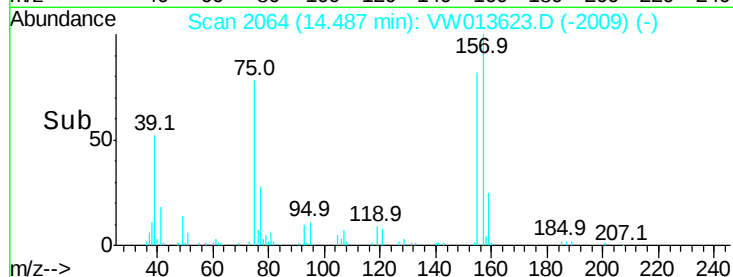
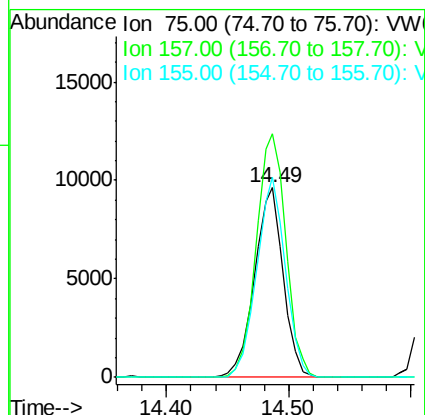
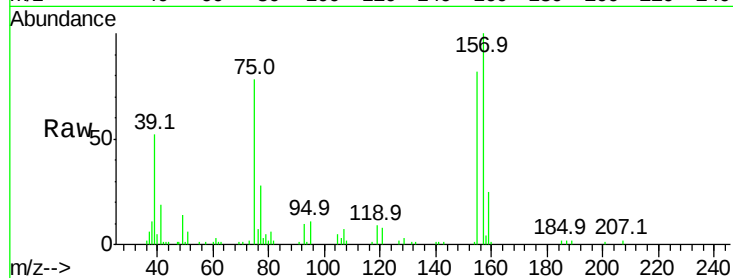
Tgt Ion: 75 Resp: 15666

Ion Ratio Lower Upper

75 100

157 128.7 99.4 149.0

155 105.8 69.7 104.5#



#67

1,3,5-Trichlorobenzene

Concen: 29.329 ug/L

RT: 14.63 min Scan# 2087

Delta R.T. 0.00 min

Lab File: VW013623.D

Acq: 18 Oct 2019 17:32

Tgt Ion:180 Resp: 263652

Ion Ratio Lower Upper

180 100

182 94.1 76.2 114.4

184 30.4 24.1 36.1

145 27.1 21.8 32.8

