

Data File : VW013534.D
Acq On : 11 Oct 2019 12:58
Operator : SY/VA
Sample : K5267-12
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBAQ5

Quant Time: Oct 11 22:33:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 11 22:30:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	441775	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	383434	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	189487	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	118877	23.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.04%
7) Chloroethane-d5	2.89	69	85861	22.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.48%
10) 1,1-Dichloroethene-d2	4.02	63	241105	22.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.92%
20) 2-Butanone-d5	7.08	46	89977	59.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.16%
24) Chloroform-d	7.65	84	210211	21.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.64%
26) 1,2-Dichloroethane-d4	8.31	65	118145	23.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.04%
29) Benzene-d6	8.27	84	484392	23.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.32%
33) 1,2-Dichloropropane-d6	9.27	67	138865	22.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.16%
37) Toluene-d8	10.32	98	445023	22.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.32%
38) trans-1,3-Dichloropropene-	10.58	79	62952	23.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.76%
39) 2-Hexanone-d5	10.92	63	68468	56.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121413	24.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	158470	23.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.08%

Target Compounds

					Qvalue
3) Chloromethane	2.21	50	85148	20.131 ug/L	95
6) Bromomethane	2.78	94	33331	9.094 ug/L	100
9) Trichlorofluoromethane	3.26	101	50930	16.326 ug/L	99
12) 1,1-Dichloroethene	4.03	96	119704	21.585 ug/L	91
13) Acetone	4.13	43	120175	68.655 ug/L	99
15) Methyl Acetate	4.67	43	125125	45.825 ug/L	99
16) Methylene chloride	4.92	84	63462	9.484 ug/L	96
17) Methyl tert-butyl Ether	5.42	73	276874	31.069 ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	59213	10.006 ug/L	95
22) cis-1,2-Dichloroethene	7.17	96	153696	24.284 ug/L	98
23) Bromochloromethane	7.51	128	41571	14.669 ug/L	95
27) 1,2-Dichloroethane	8.40	62	61147	9.864 ug/L	97
30) Cyclohexane	7.95	56	96265	9.548 ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	78535	10.169 ug/L	100
32) Carbon tetrachloride	8.07	117	90381	12.201 ug/L	99
35) Trichloroethene	9.09	95	234128	38.748 ug/L	99
36) Methylcyclohexane	9.34	83	265050	24.122 ug/L	100

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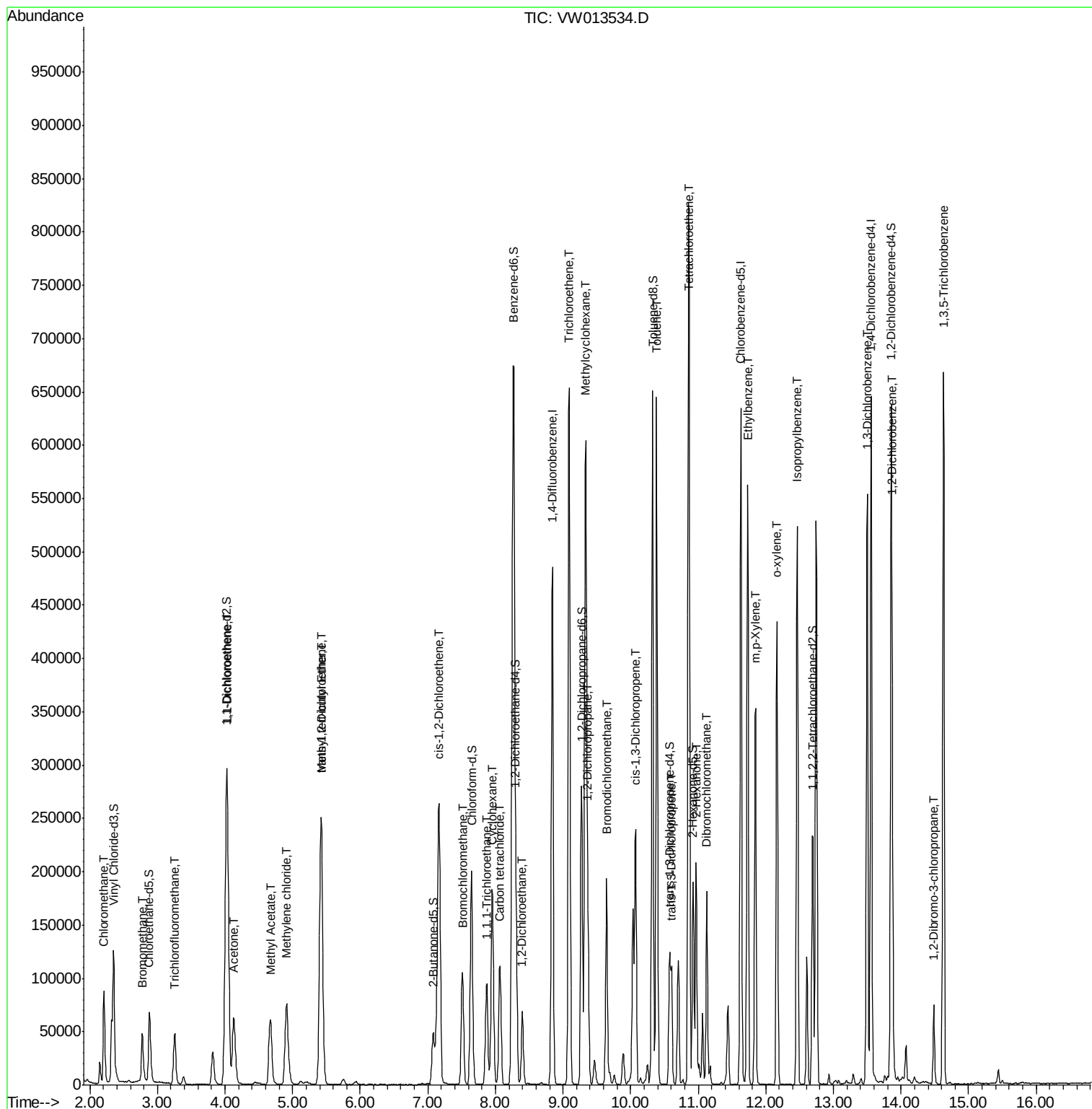
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 1,2-Dichloropropane	9.37	63	70657	12.662	ug/L	99
41) Bromodichloromethane	9.65	83	131709	19.216	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	146867	16.406	ug/L	98
44) Toluene	10.38	91	491415	19.575	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	58931	8.337	ug/L	100
47) Tetrachloroethene	10.86	164	210032	38.140	ug/L	95
49) 2-Hexanone	10.97	43	136737	48.321	ug/L	99
50) Dibromochloromethane	11.13	129	98266	19.703	ug/L	99
53) Ethylbenzene	11.73	91	403514	14.521	ug/L	100
54) m,p-Xylene	11.85	106	103855	9.581	ug/L	96
55) o-xylene	12.16	106	118345	11.696	ug/L	95
57) Isopropylbenzene	12.46	105	334996	12.204	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	243941	19.212	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	111713	9.785	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	17340	22.000	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	227083	23.695	ug/L	100

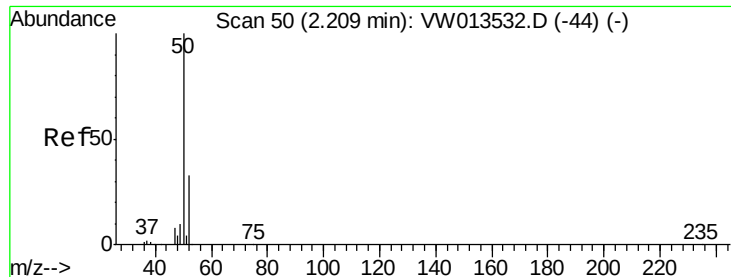
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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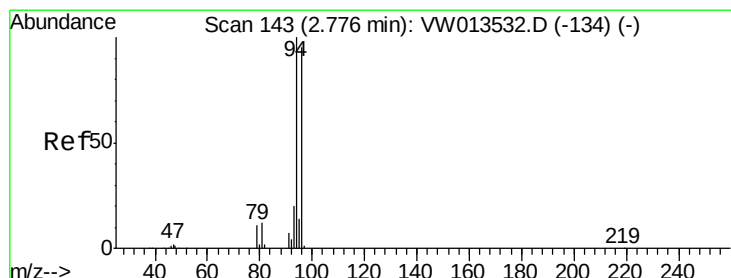
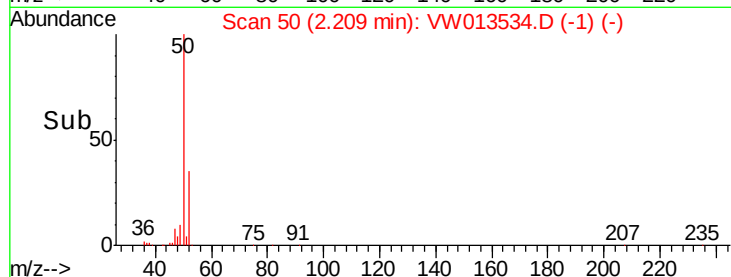
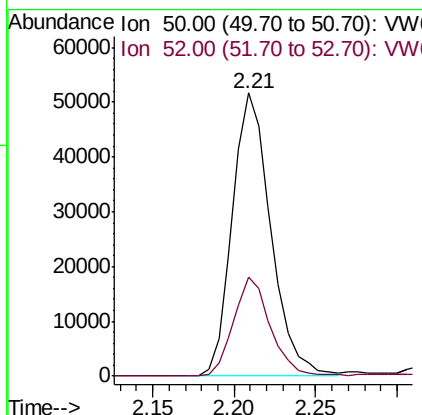
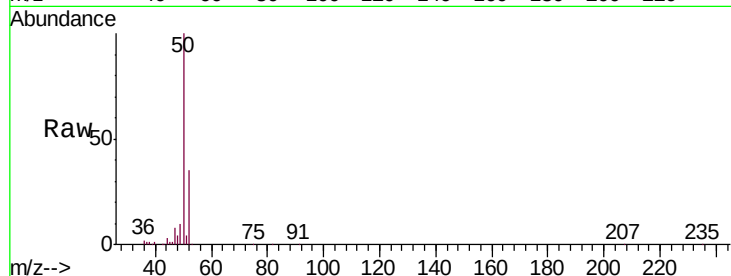




#3
Chloromethane
Concen: 20.131 ug/L
RT: 2.21 min Scan# 50
Delta R.T. 0.00 min
Lab File: VW013534.D
Acq: 11 Oct 2019 12:58

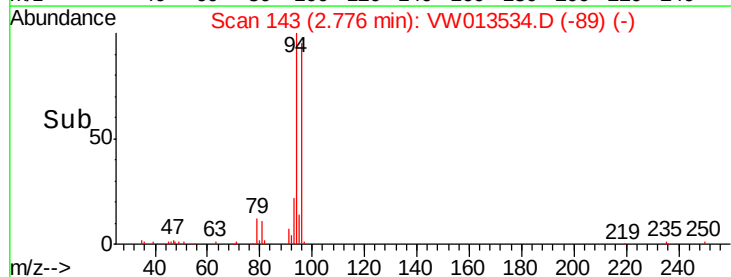
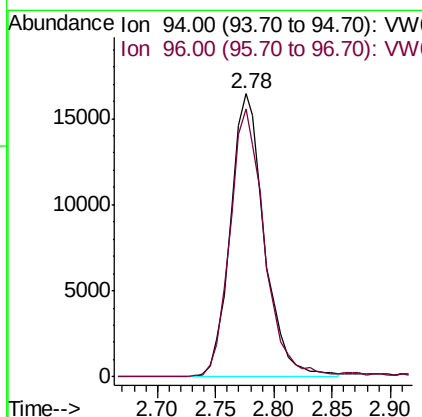
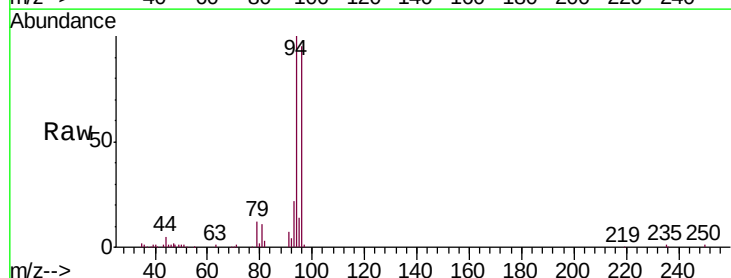
Instrument :
MSVOA_W
ClientSampleId :
DBAQ5

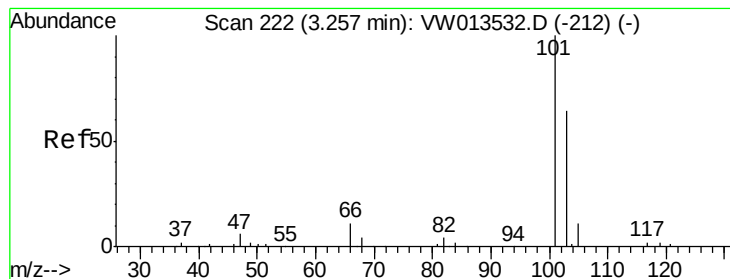
Tgt Ion: 50 Resp: 85148
Ion Ratio Lower Upper
50 100
52 35.1 22.6 42.0



#6
Bromomethane
Concen: 9.094 ug/L
RT: 2.78 min Scan# 143
Delta R.T. 0.00 min
Lab File: VW013534.D
Acq: 11 Oct 2019 12:58

Tgt Ion: 94 Resp: 33331
Ion Ratio Lower Upper
94 100
96 94.4 9.5 179.9



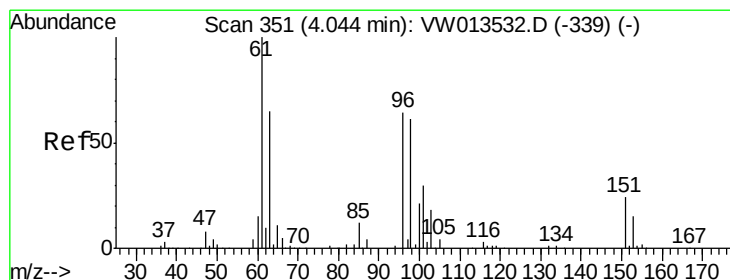
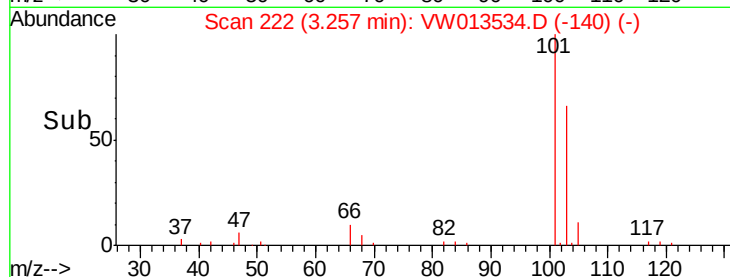
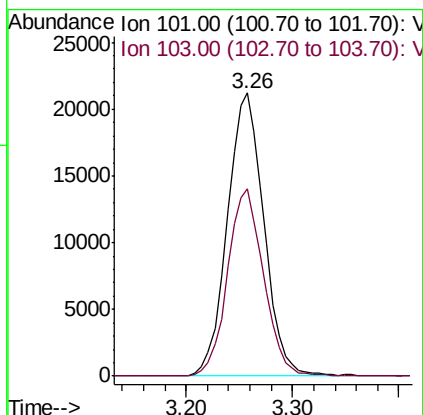
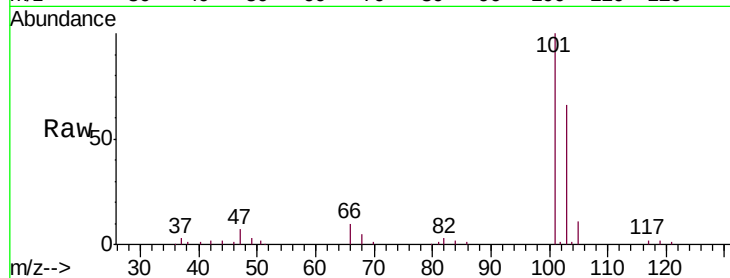


#9

Trichlorofluoromethane
 Concen: 16.326 ug/L
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW013534.D
 Acq: 11 Oct 2019 12:58

Instrument :
 MSVOA_W
 ClientSampleId :
 DBAQ5

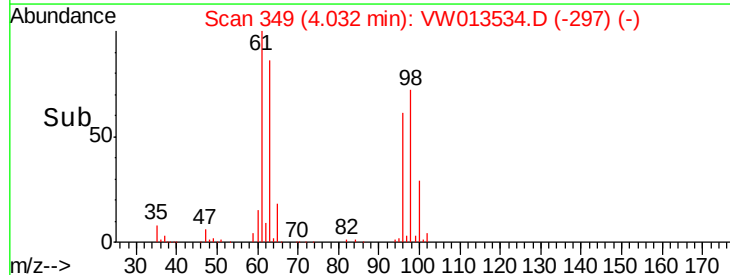
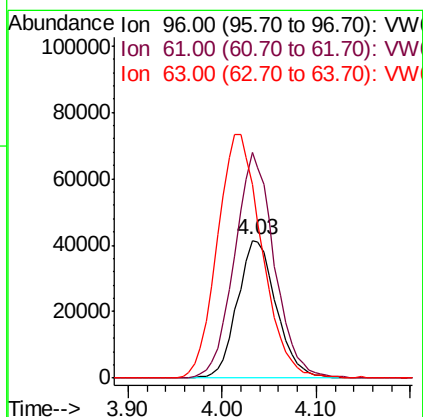
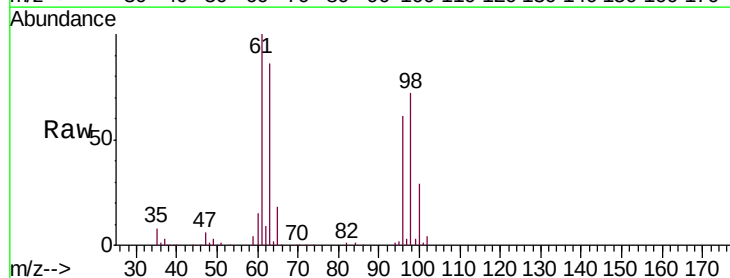
Tgt Ion: 101 Resp: 50930
 Ion Ratio Lower Upper
 101 100
 103 64.9 46.0 85.4

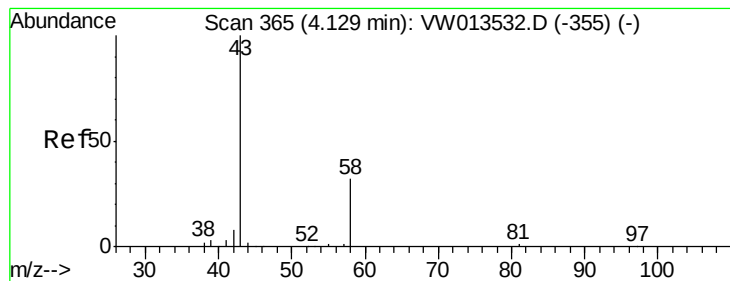


#12

1,1-Dichloroethene
 Concen: 21.585 ug/L
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW013534.D
 Acq: 11 Oct 2019 12:58

Tgt Ion: 96 Resp: 119704
 Ion Ratio Lower Upper
 96 100
 61 164.4 111.0 206.2
 63 140.7 86.3 160.3





#13

Acetone

Concen: 68.655 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW013534.D

Acq: 11 Oct 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

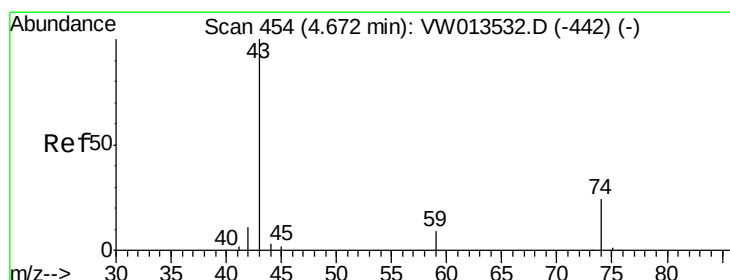
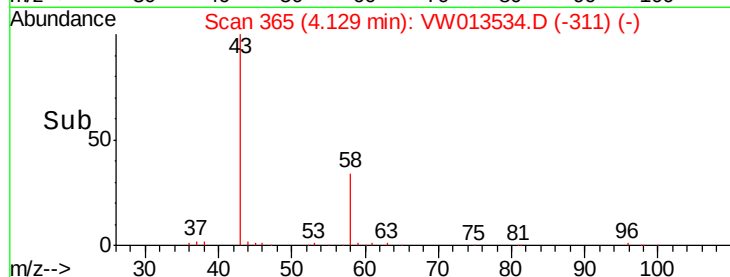
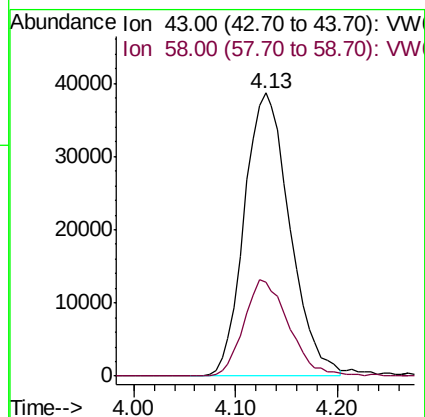
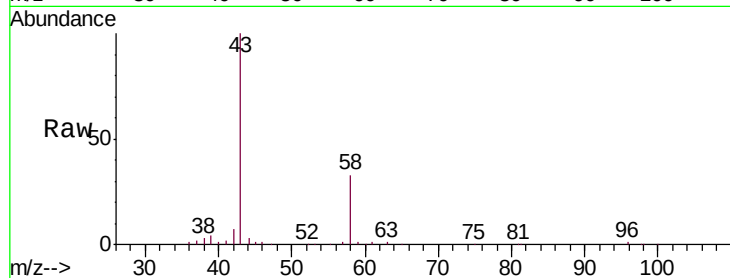
DBAQ5

Tgt Ion: 43 Resp: 120175

Ion Ratio Lower Upper

43 100

58 33.3 0.0 67.8



#15

Methyl Acetate

Concen: 45.825 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW013534.D

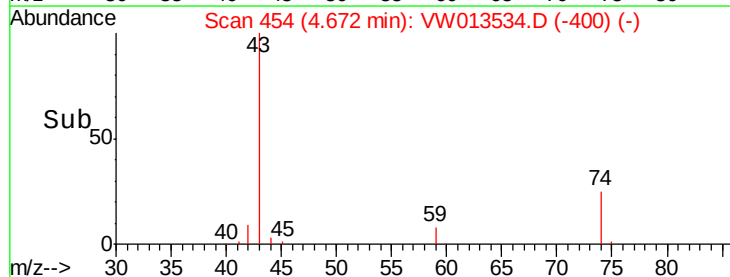
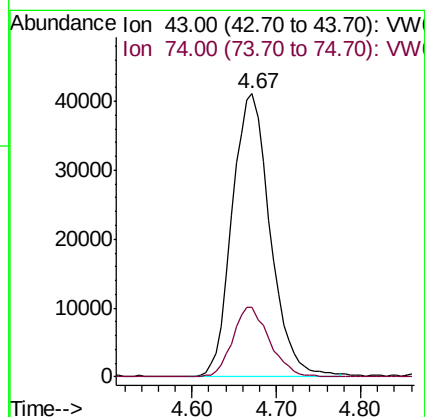
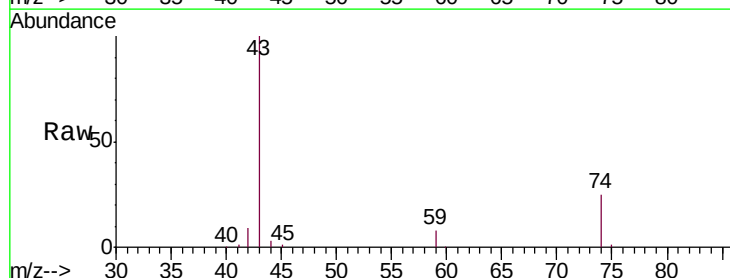
Acq: 11 Oct 2019 12:58

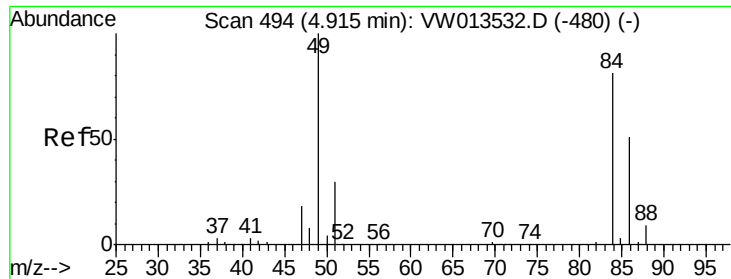
Tgt Ion: 43 Resp: 125125

Ion Ratio Lower Upper

43 100

74 23.8 18.7 28.1

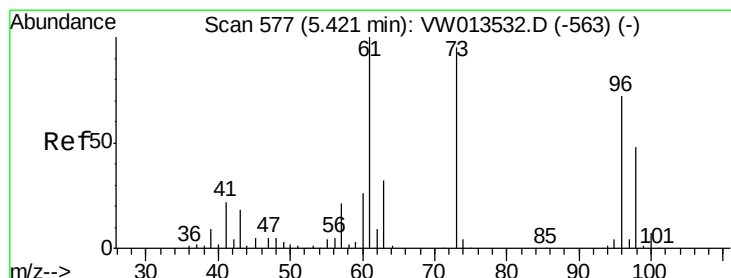
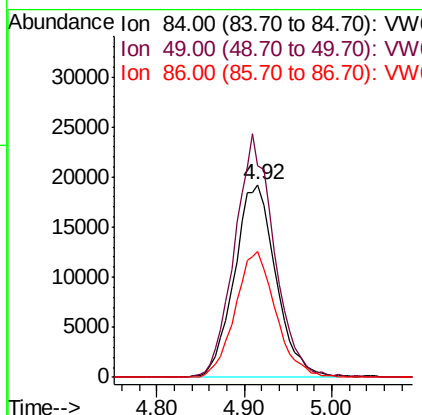
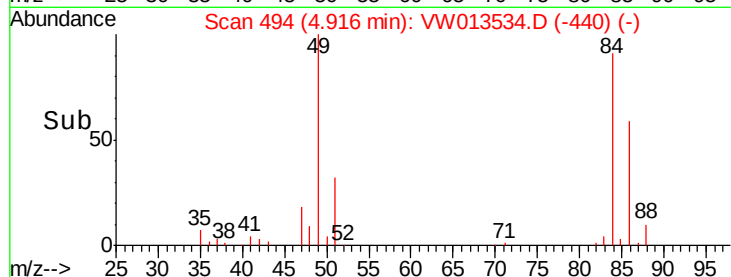
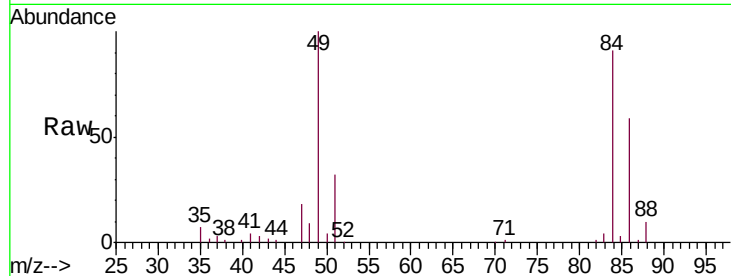




#16
Methylene chloride
Concen: 9.484 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW013534.D
Acq: 11 Oct 2019 12:58

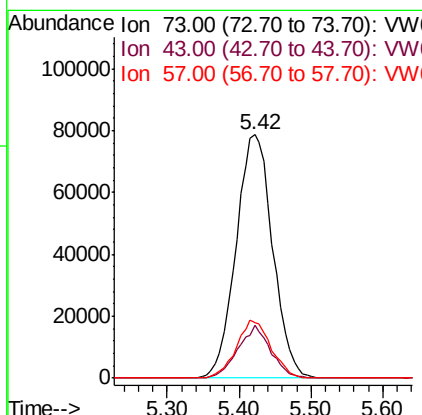
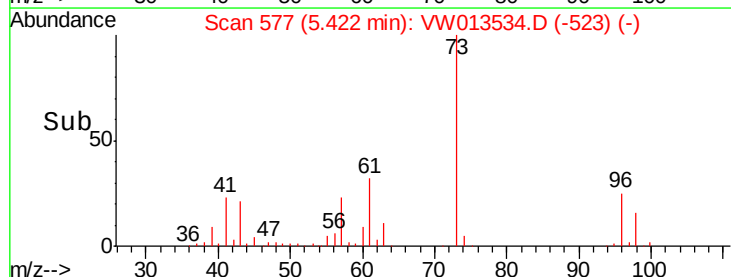
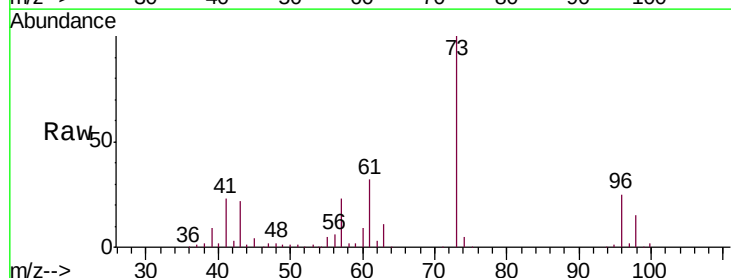
Instrument :
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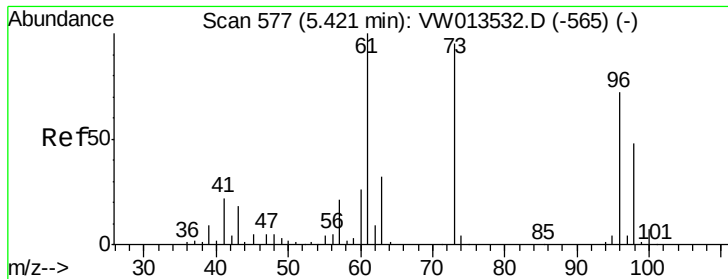
Tgt Ion: 84 Resp: 63462
Ion Ratio Lower Upper
84 100
49 110.1 81.3 151.1
86 65.3 46.3 86.1



#17
Methyl tert-butyl Ether
Concen: 31.069 ug/L
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW013534.D
Acq: 11 Oct 2019 12:58

Tgt Ion: 73 Resp: 276874
Ion Ratio Lower Upper
73 100
43 19.3 15.0 22.4
57 22.6 18.1 27.1

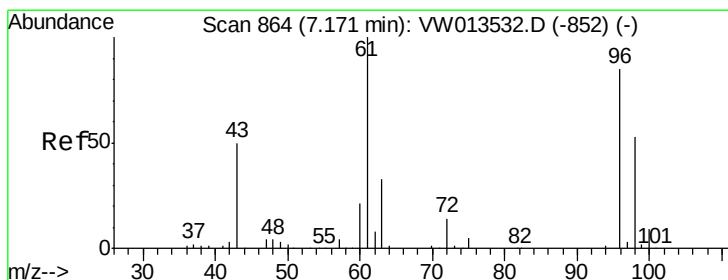
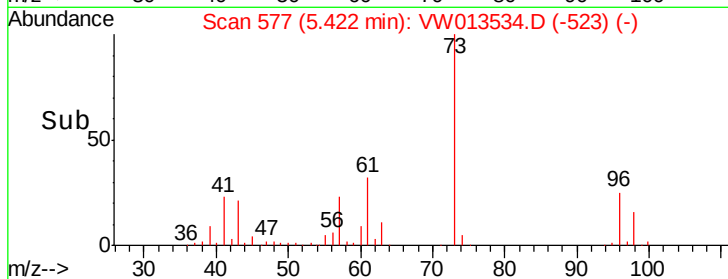
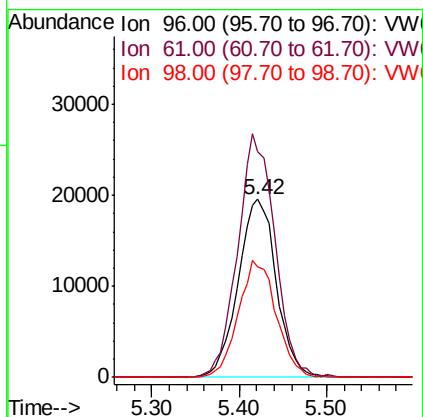
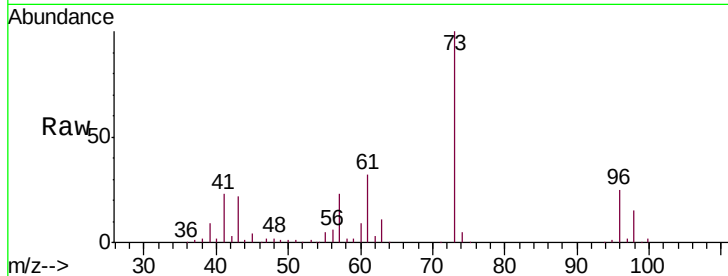




#18
 trans-1,2-Dichloroethene
 Concen: 10.006 ug/L
 RT: 5.42 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: VW013534.D
 Acq: 11 Oct 2019 12:58

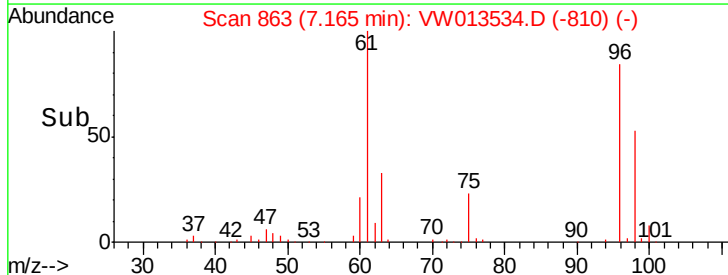
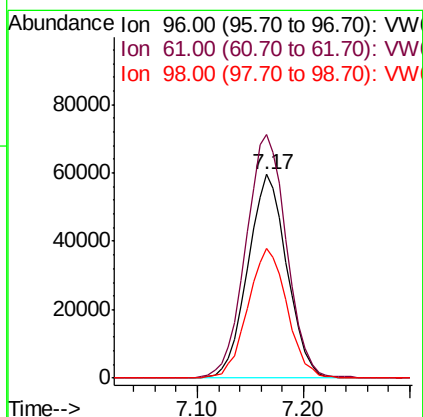
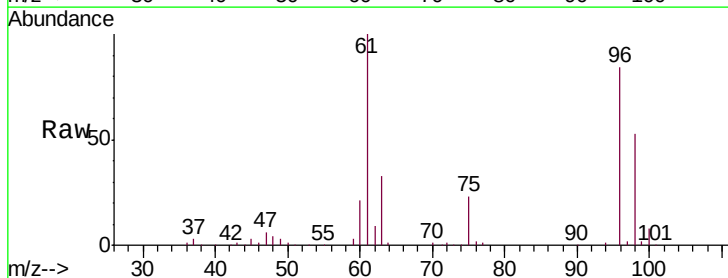
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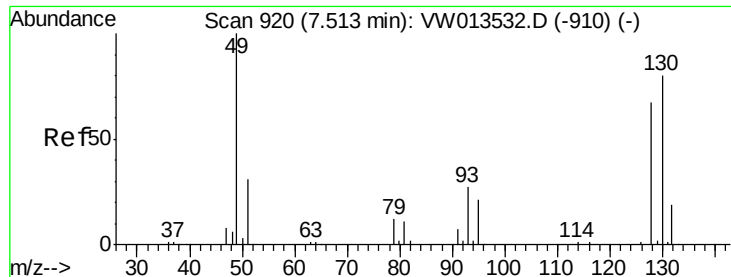
Tgt Ion: 96 Resp: 59213
 Ion Ratio Lower Upper
 96 100
 61 127.0 93.7 173.9
 98 62.3 46.1 85.7



#22
 cis-1,2-Dichloroethene
 Concen: 24.284 ug/L
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW013534.D
 Acq: 11 Oct 2019 12:58

Tgt Ion: 96 Resp: 153696
 Ion Ratio Lower Upper
 96 100
 61 119.4 86.0 159.8
 98 63.4 44.4 82.5





#23

Bromochloromethane

Concen: 14.669 ug/L

RT: 7.51 min Scan# 919

Delta R.T. -0.01 min

Lab File: VW013534.D

Acq: 11 Oct 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

DBAQ5

Tgt Ion:128 Resp: 41571

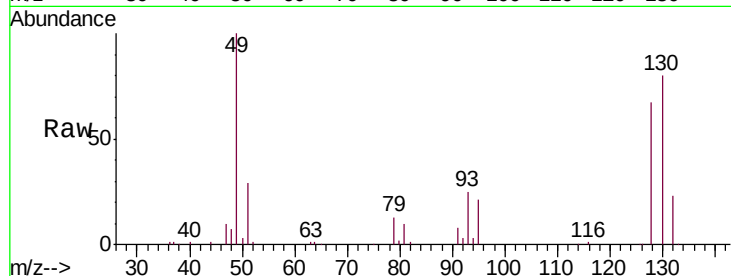
Ion Ratio Lower Upper

128 100

49 149.7 108.0 200.6

130 119.1 89.4 166.0

51 44.0 37.4 56.2



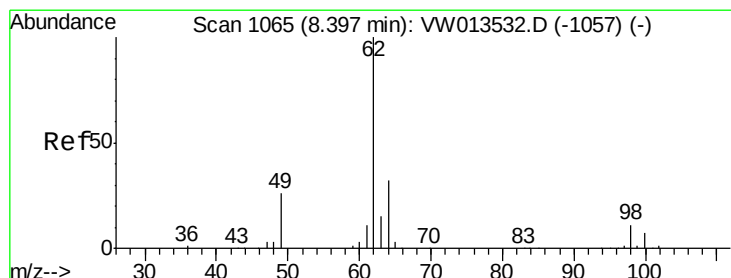
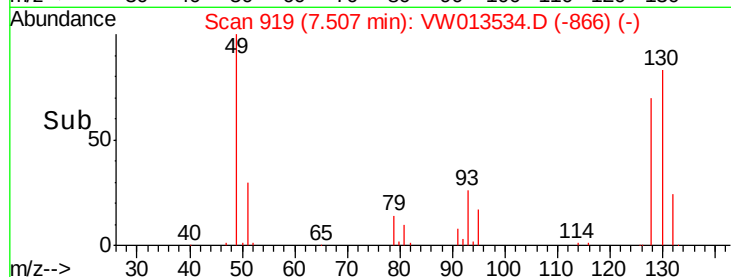
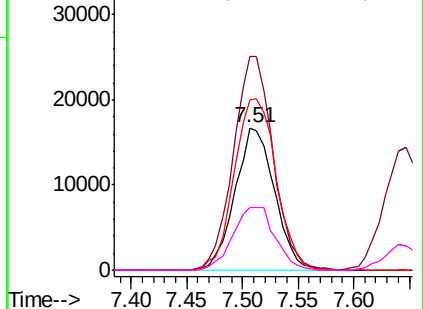
Abundance

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: 9.864 ug/L

RT: 8.40 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW013534.D

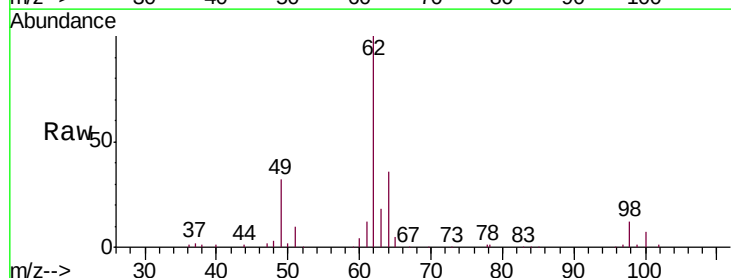
Acq: 11 Oct 2019 12:58

Tgt Ion: 62 Resp: 61147

Ion Ratio Lower Upper

62 100

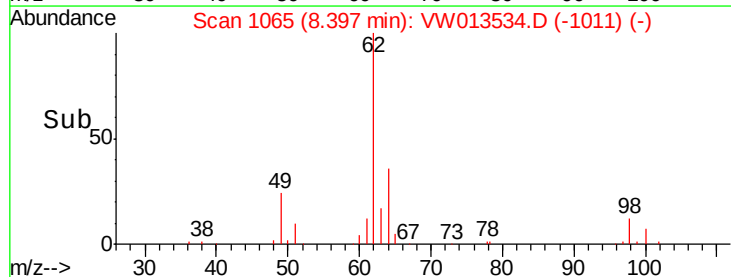
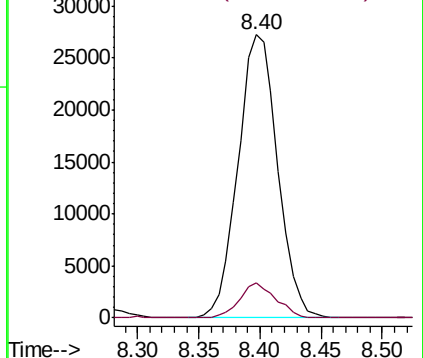
98 12.3 9.0 13.4

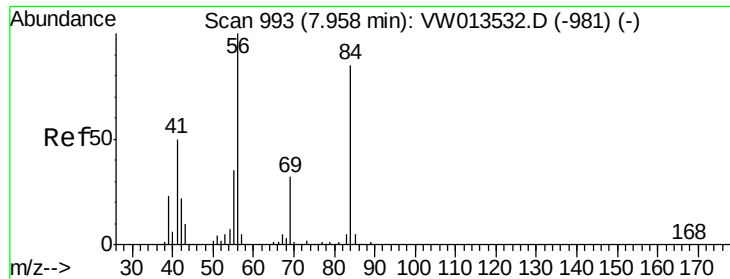


Abundance

Ion 62.00 (61.70 to 62.70): VW

Ion 98.00 (97.70 to 98.70): VW

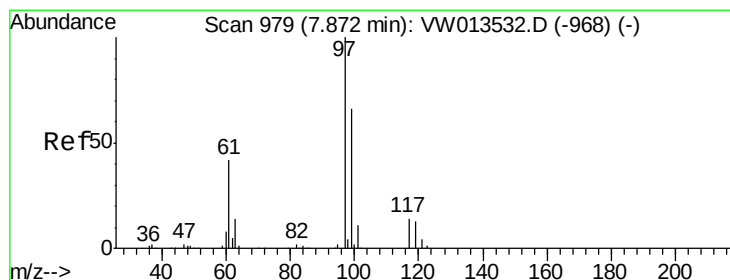
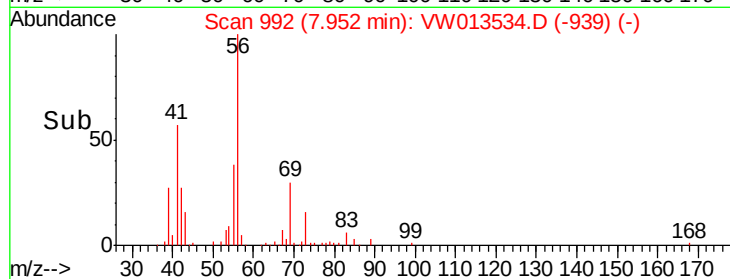
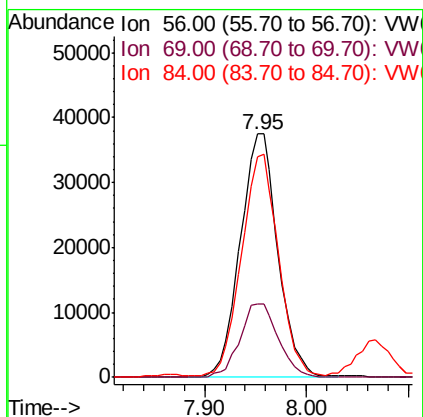
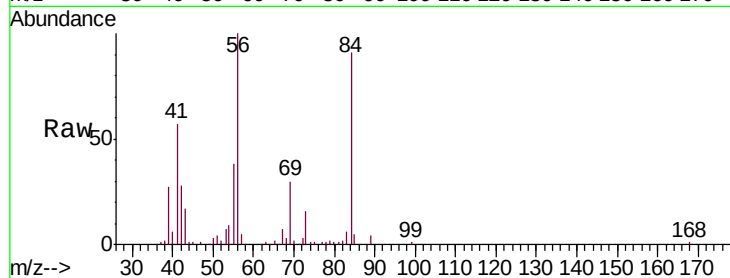




#30
Cyclohexane
Concen: 9.548 ug/L
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW013534.D
Acq: 11 Oct 2019 12:58

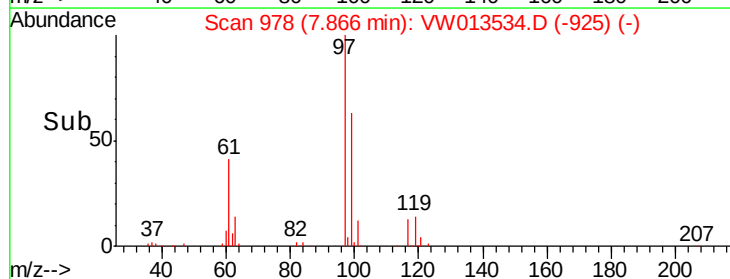
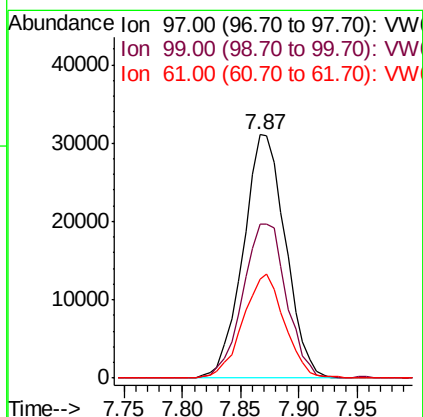
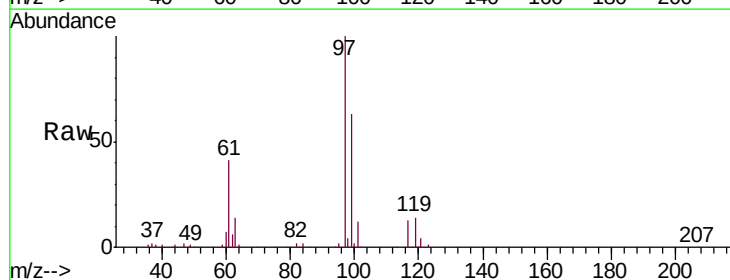
Instrument :
MSVOA_W
ClientSampleId :
DBAQ5

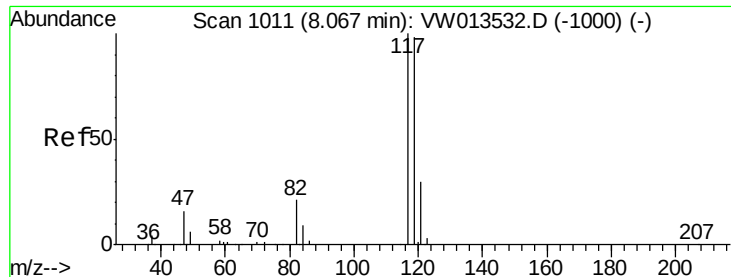
Tgt Ion: 56 Resp: 96265
Ion Ratio Lower Upper
56 100
69 30.6 24.7 37.1
84 90.3 70.4 105.6



#31
1,1,1-Trichloroethane
Concen: 10.169 ug/L
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW013534.D
Acq: 11 Oct 2019 12:58

Tgt Ion: 97 Resp: 78535
Ion Ratio Lower Upper
97 100
99 65.0 51.8 77.8
61 41.9 33.7 50.5





#32

Carbon tetrachloride

Concen: 12.201 ug/L

RT: 8.07 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VW013534.D

Acq: 11 Oct 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

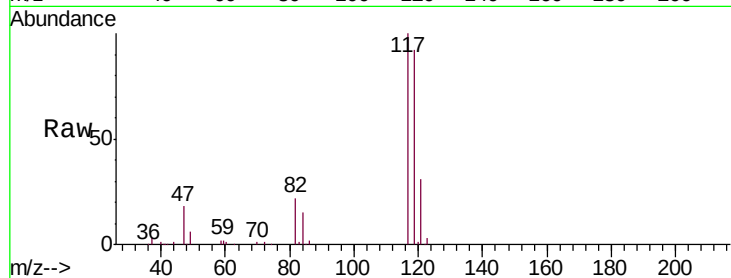
DBAQ5

Tgt Ion:117 Resp: 90381

Ion Ratio Lower Upper

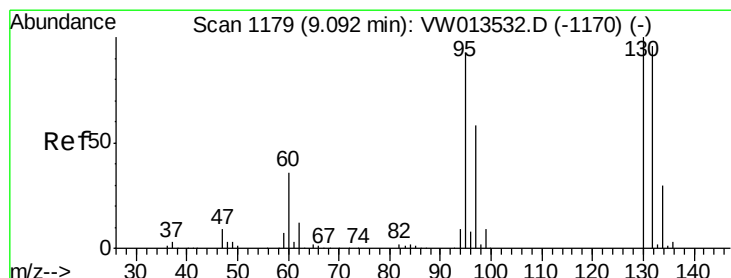
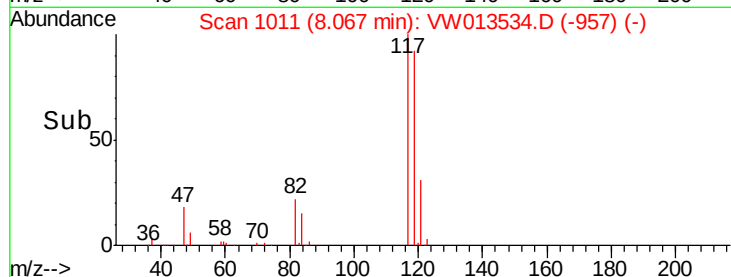
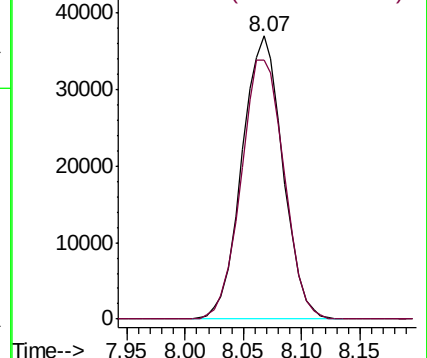
117 100

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: 38.748 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW013534.D

Acq: 11 Oct 2019 12:58

Tgt Ion: 95 Resp: 234128

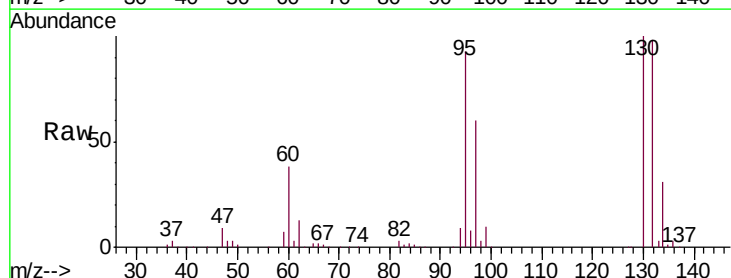
Ion Ratio Lower Upper

95 100

97 64.9 45.1 83.7

132 106.5 73.6 136.8

130 109.6 76.3 141.7

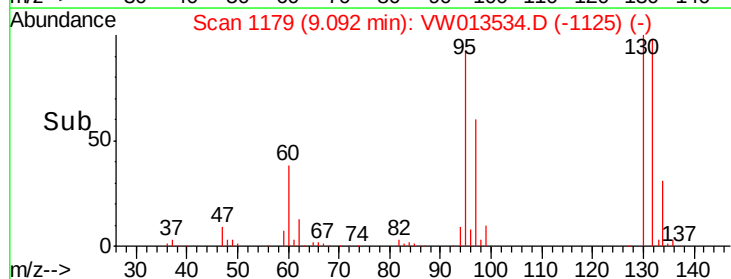
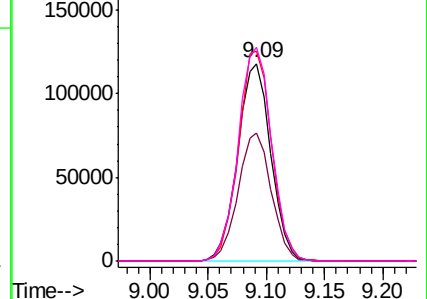


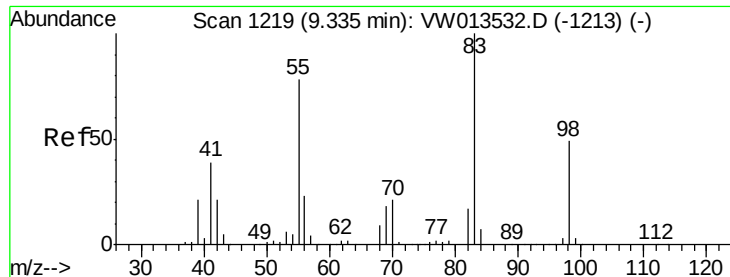
Abundance Ion 95.00 (94.70 to 95.70): VW

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: 24.122 ug/L

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW013534.D

Acq: 11 Oct 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

DBAQ5

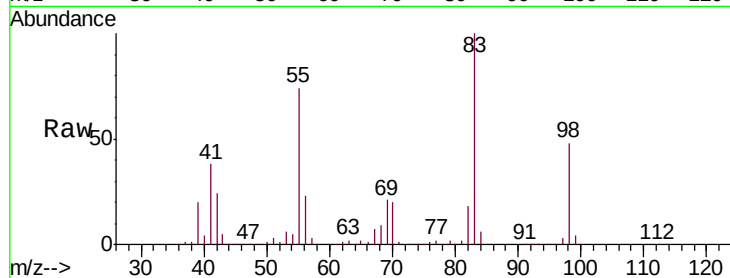
Tgt Ion: 83 Resp: 265050

Ion Ratio Lower Upper

83 100

55 75.3 60.4 90.6

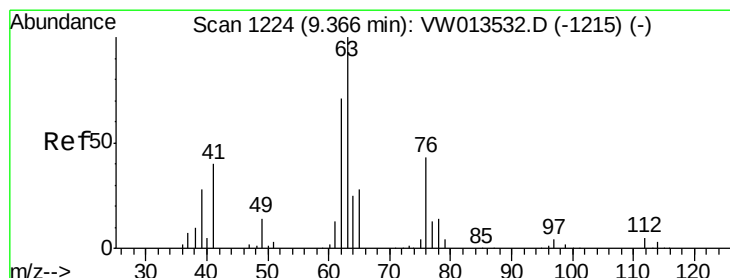
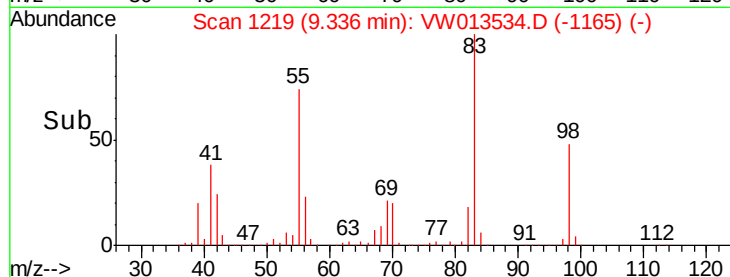
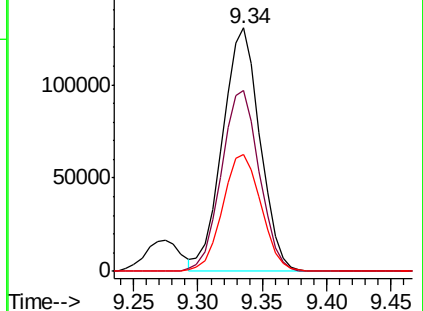
98 49.2 39.3 58.9



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



#40

1,2-Dichloropropane

Concen: 12.662 ug/L

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW013534.D

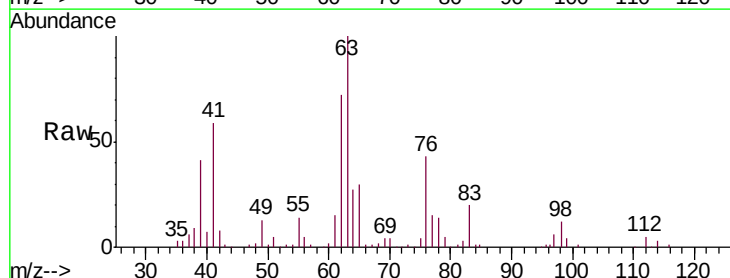
Acq: 11 Oct 2019 12:58

Tgt Ion: 63 Resp: 70657

Ion Ratio Lower Upper

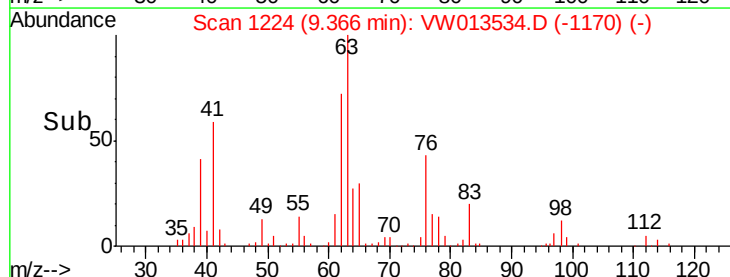
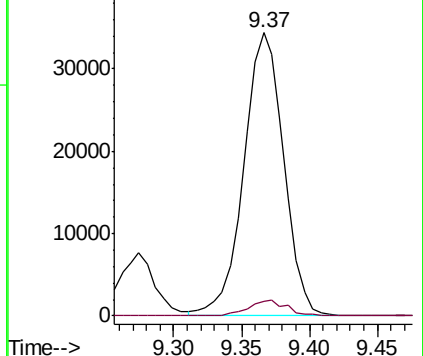
63 100

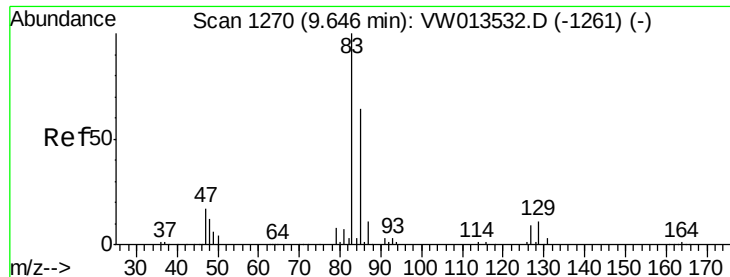
112 5.3 3.8 5.8



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#41

Bromodichloromethane

Concen: 19.216 ug/L

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW013534.D

Acq: 11 Oct 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

DBAQ5

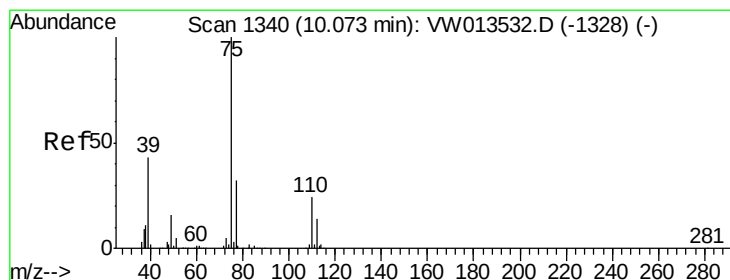
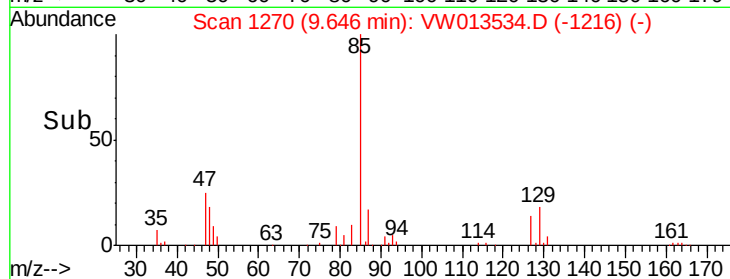
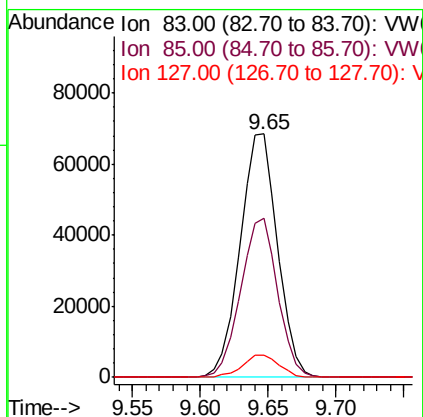
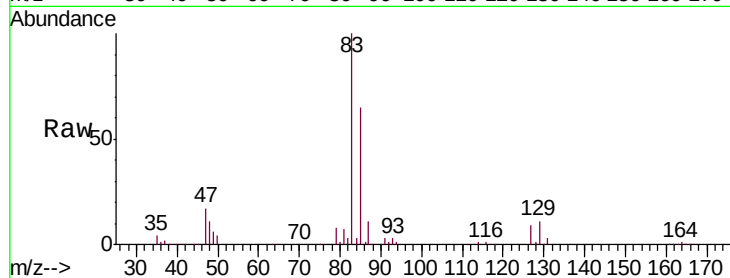
Tgt Ion: 83 Resp: 131709

Ion Ratio Lower Upper

83 100

85 65.1 45.1 83.9

127 9.0 7.1 10.7



#42

cis-1,3-Dichloropropene

Concen: 16.406 ug/L

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW013534.D

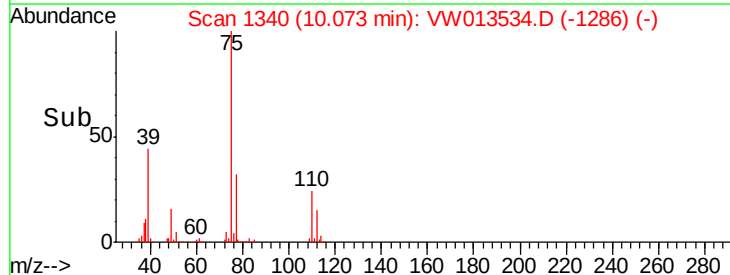
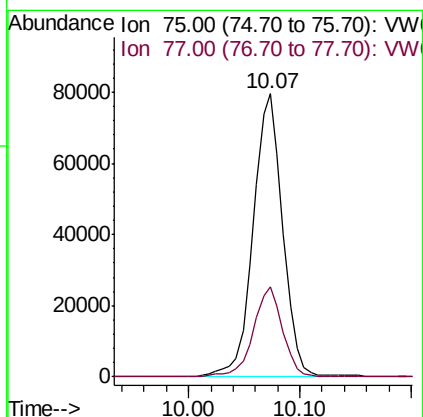
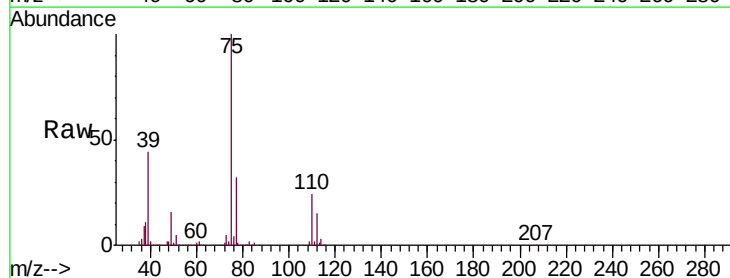
Acq: 11 Oct 2019 12:58

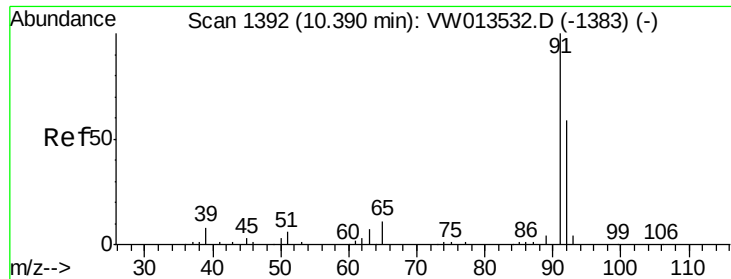
Tgt Ion: 75 Resp: 146867

Ion Ratio Lower Upper

75 100

77 31.8 21.6 40.2





#44

Toluene

Concen: 19.575 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW013534.D

Acq: 11 Oct 2019 12:58

Instrument :

MSVOA_W

ClientSampled :

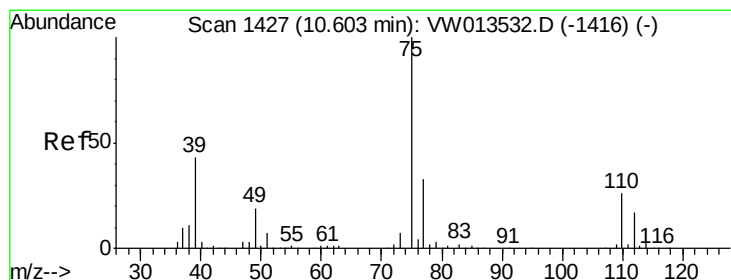
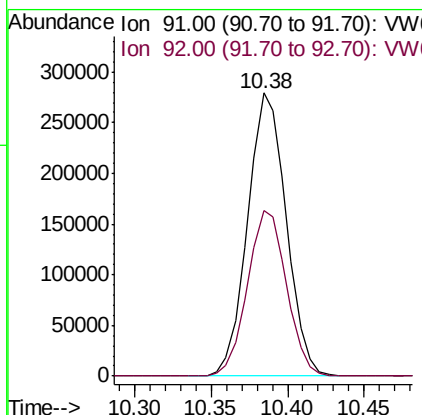
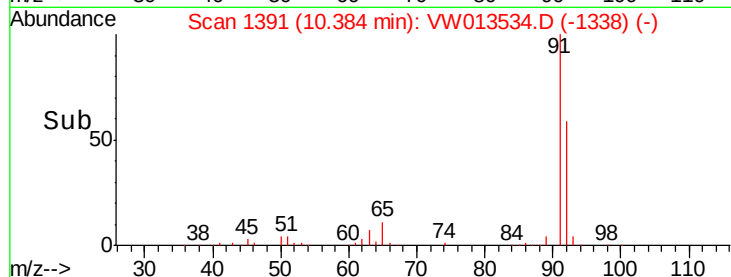
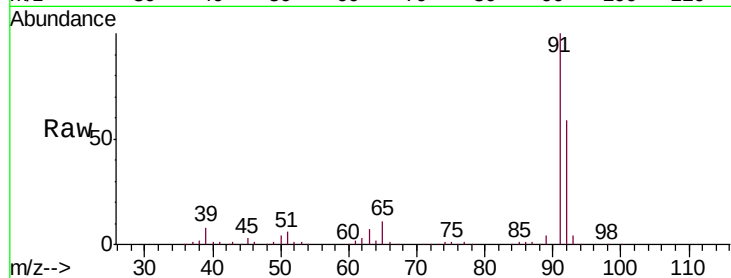
DBAQ5

Tgt Ion: 91 Resp: 491415

Ion Ratio Lower Upper

91 100

92 58.6 40.0 74.4



#45

trans-1,3-Dichloropropene

Concen: 8.337 ug/L

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW013534.D

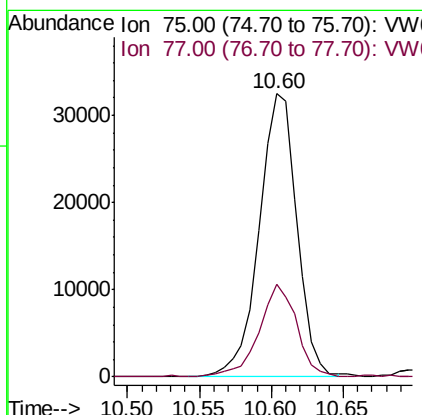
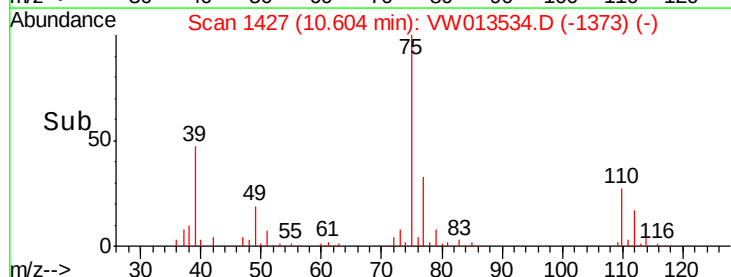
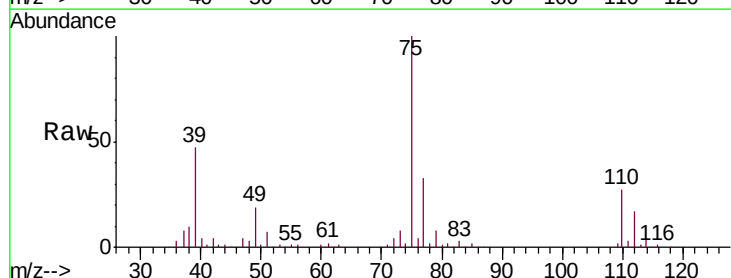
Acq: 11 Oct 2019 12:58

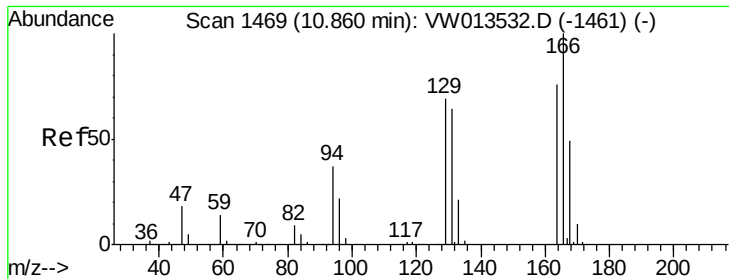
Tgt Ion: 75 Resp: 58931

Ion Ratio Lower Upper

75 100

77 32.5 23.0 42.6





#47

Tetrachloroethene

Concen: 38.140 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW013534.D

Acq: 11 Oct 2019 12:58

Instrument :

MSVOA_W

ClientSampled :

DBAQ5

Tgt Ion:164 Resp: 210032

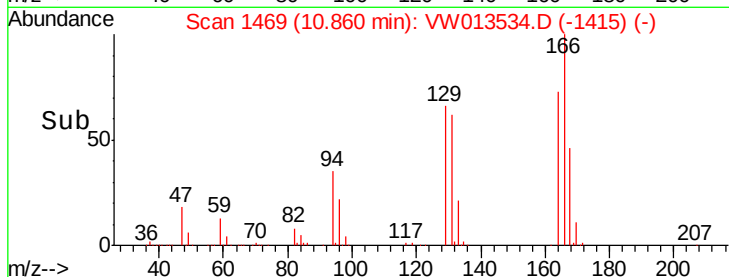
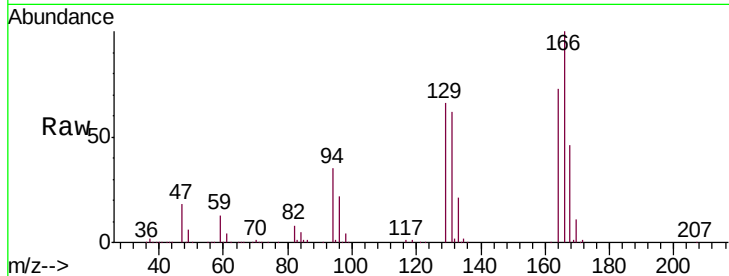
Ion Ratio Lower Upper

164 100

129 90.1 60.2 111.8

131 85.3 57.0 105.9

166 136.6 91.2 169.4

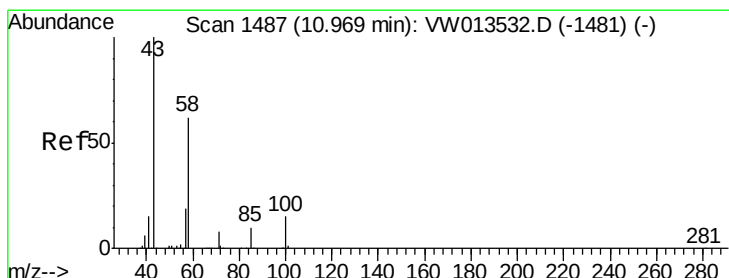
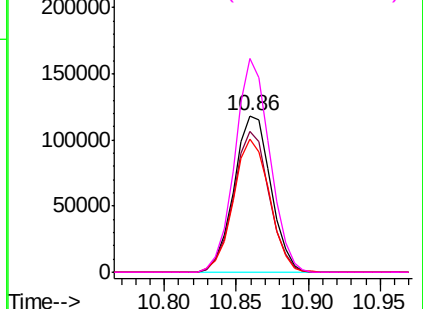


Abundance Ion 164.00 (163.70 to 164.70): V

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: 48.321 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW013534.D

Acq: 11 Oct 2019 12:58

Tgt Ion: 43 Resp: 136737

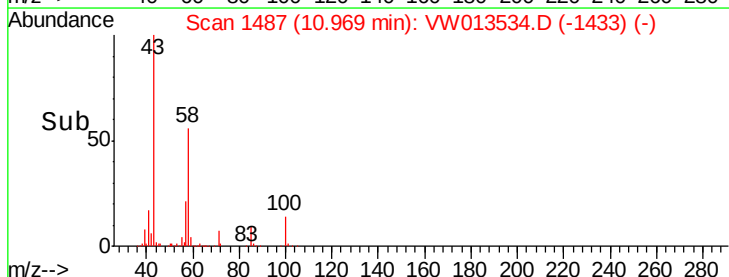
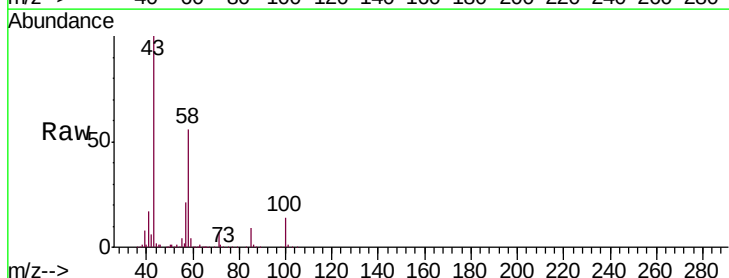
Ion Ratio Lower Upper

43 100

58 56.1 45.2 67.8

57 19.9 15.8 23.8

100 13.3 11.0 16.6

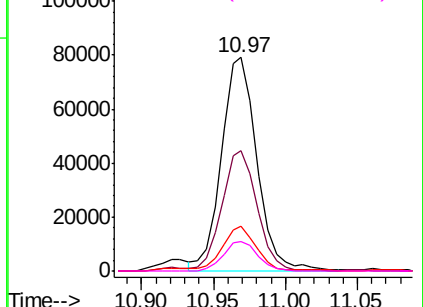


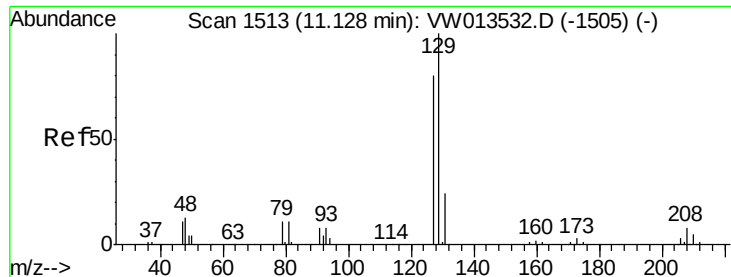
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 19.703 ug/L

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW013534.D

Acq: 11 Oct 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

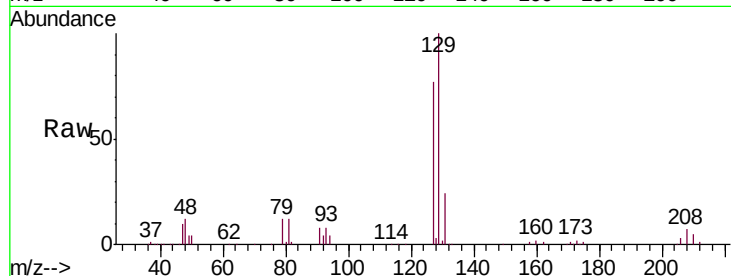
DBAQ5

Tgt Ion:129 Resp: 98266

Ion Ratio Lower Upper

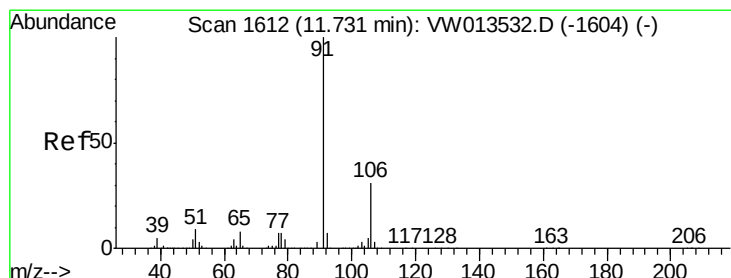
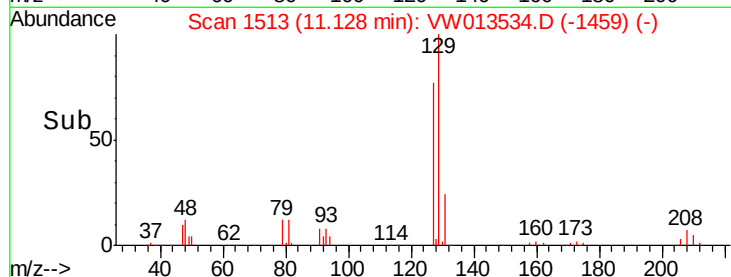
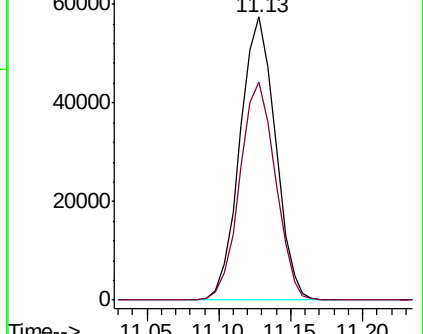
129 100

127 77.2 54.7 101.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#53

Ethylbenzene

Concen: 14.521 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW013534.D

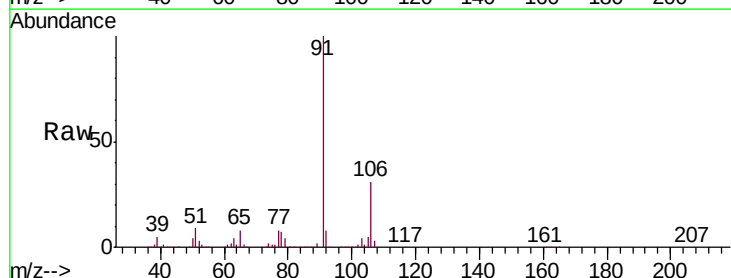
Acq: 11 Oct 2019 12:58

Tgt Ion: 91 Resp: 403514

Ion Ratio Lower Upper

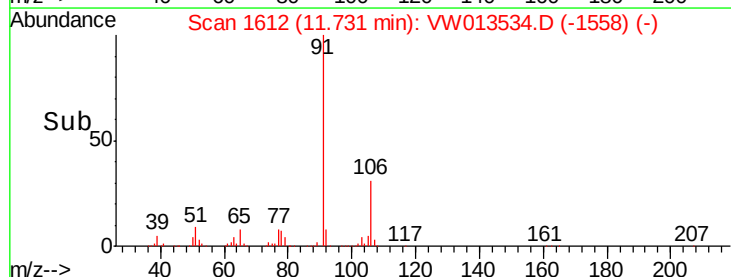
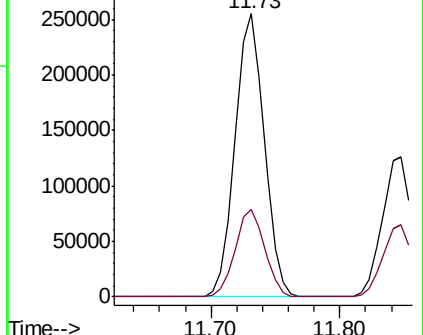
91 100

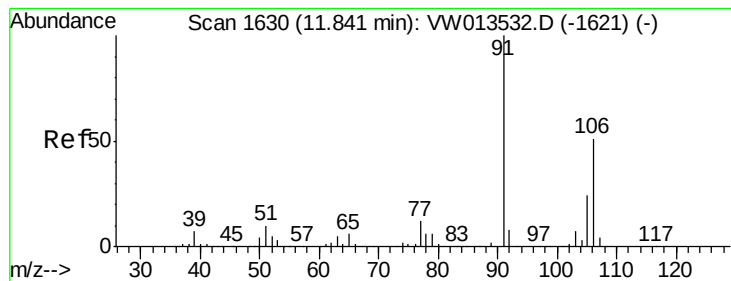
106 30.8 21.5 39.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V





#54

m,p-Xylene

Concen: 9.581 ug/L

RT: 11.85 min Scan# 1631

Delta R.T. 0.01 min

Lab File: VW013534.D

Acq: 11 Oct 2019 12:58

Instrument :

MSVOA_W

ClientSampleId :

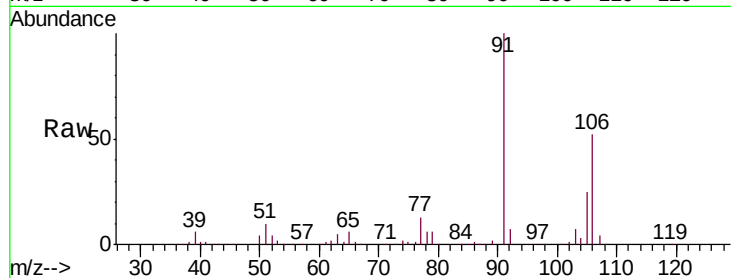
DBAQ5

Tgt Ion:106 Resp: 103855

Ion Ratio Lower Upper

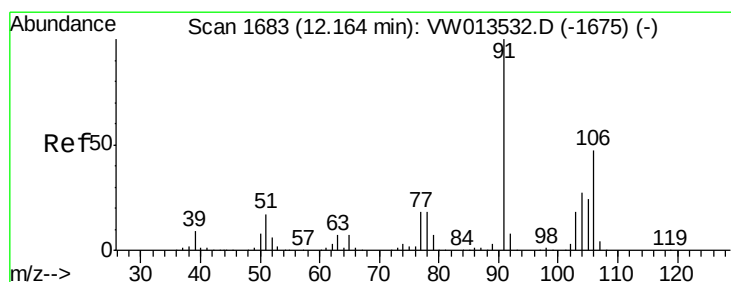
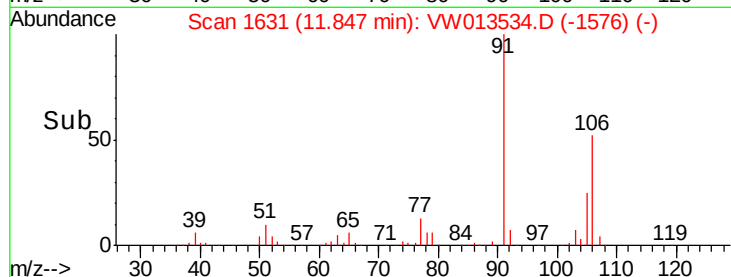
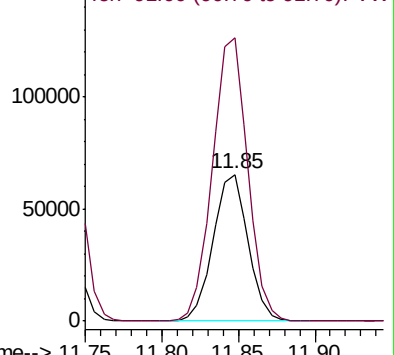
106 100

91 192.9 139.4 258.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 11.696 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW013534.D

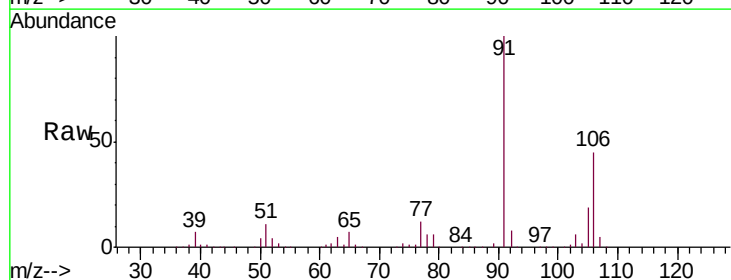
Acq: 11 Oct 2019 12:58

Tgt Ion:106 Resp: 118345

Ion Ratio Lower Upper

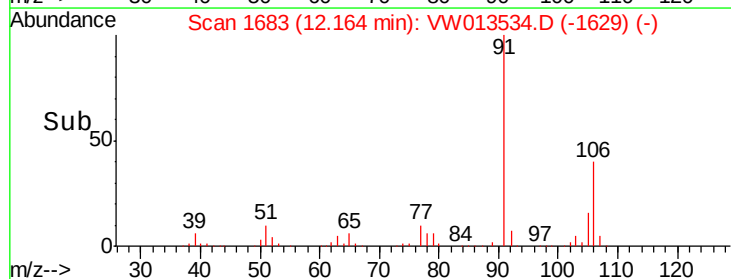
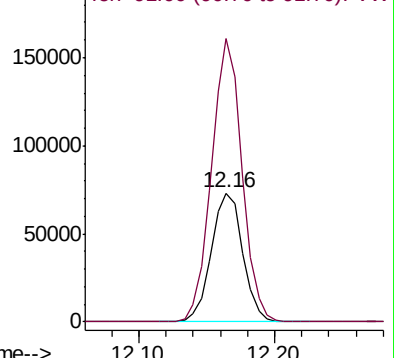
106 100

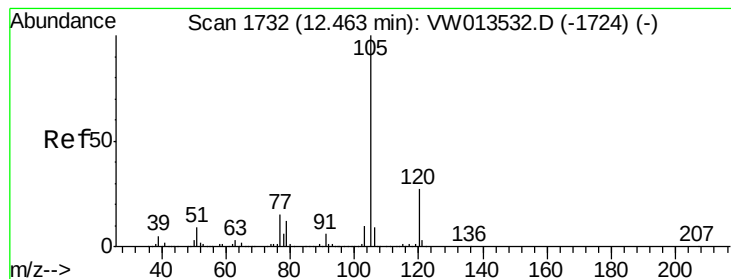
91 219.8 148.4 275.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#57

Isopropylbenzene

Concen: 12.204 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW013534.D

Acq: 11 Oct 2019 12:58

Instrument :

MSVOA_W

ClientSampleID :

DBAQ5

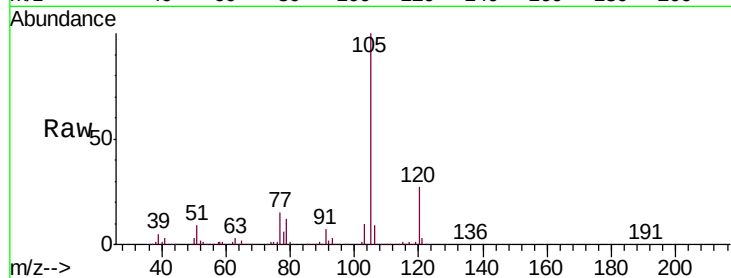
Tgt Ion:105 Resp: 334996

Ion Ratio Lower Upper

105 100

120 26.4 21.7 32.5

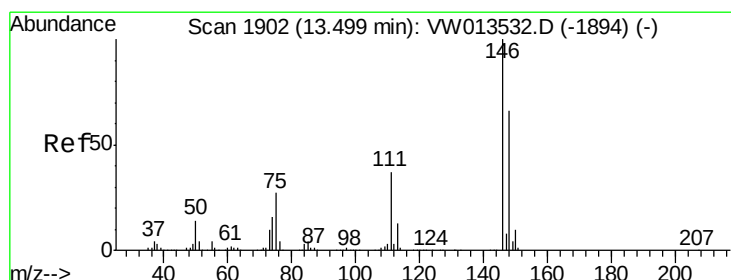
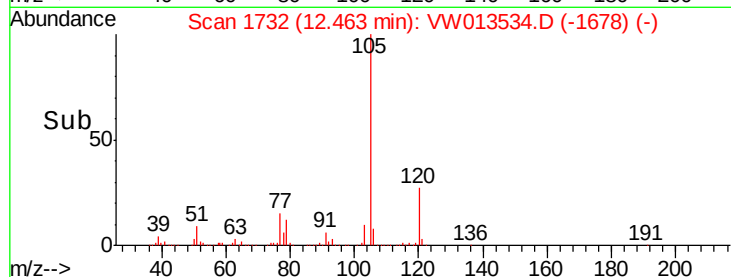
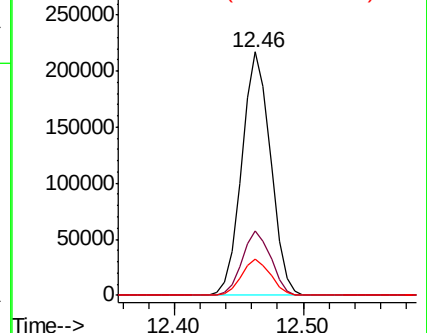
77 15.0 11.8 17.6



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): V



#63

1,3-Dichlorobenzene

Concen: 19.212 ug/L

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW013534.D

Acq: 11 Oct 2019 12:58

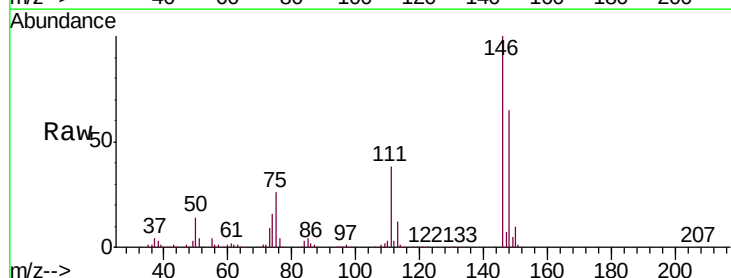
Tgt Ion:146 Resp: 243941

Ion Ratio Lower Upper

146 100

111 38.1 25.3 46.9

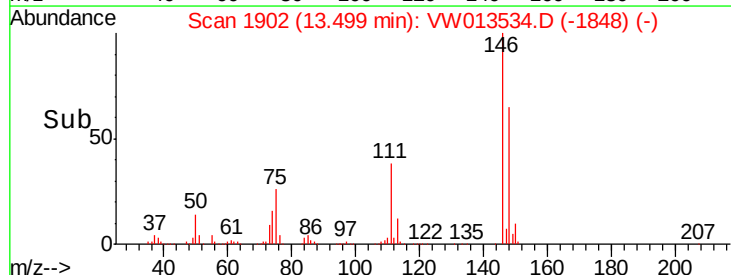
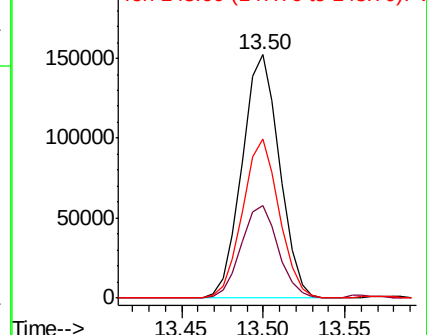
148 65.5 42.8 79.4

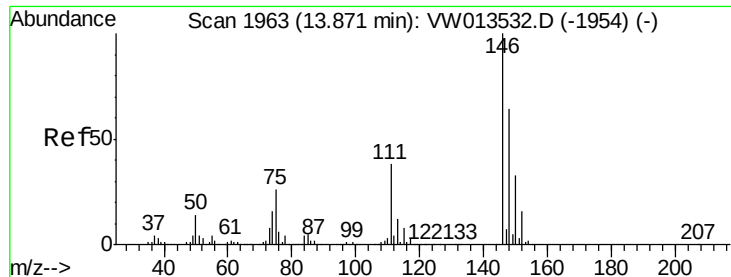


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

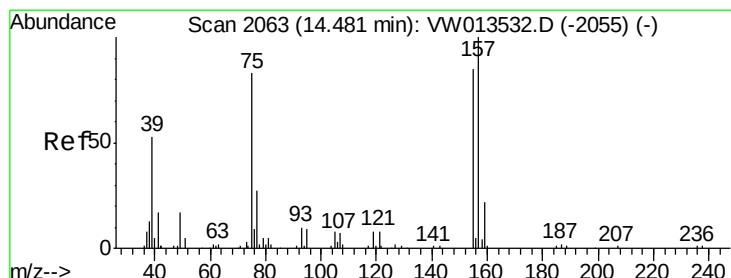
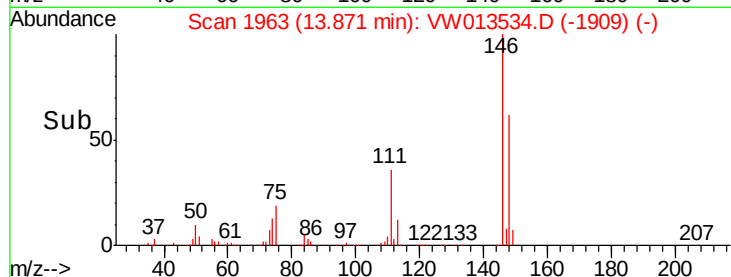
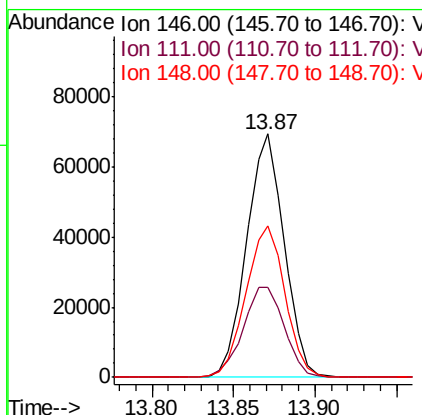
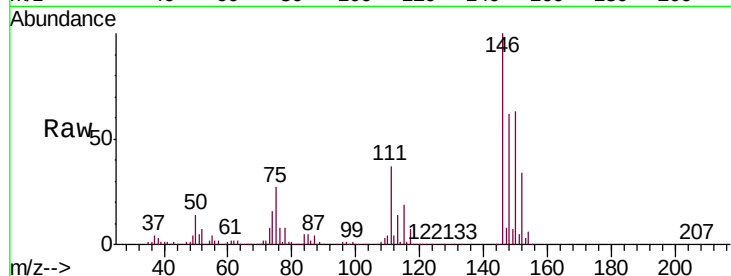




#65
 1,2-Dichlorobenzene
 Concen: 9.785 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW013534.D
 Acq: 11 Oct 2019 12:58

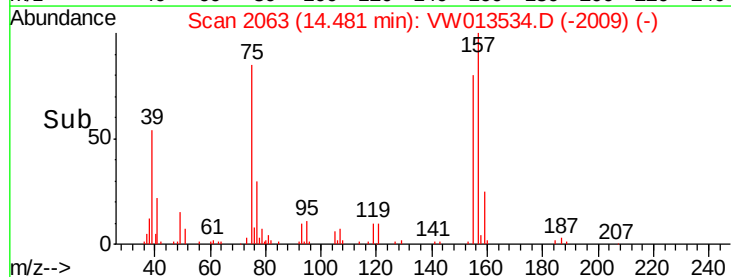
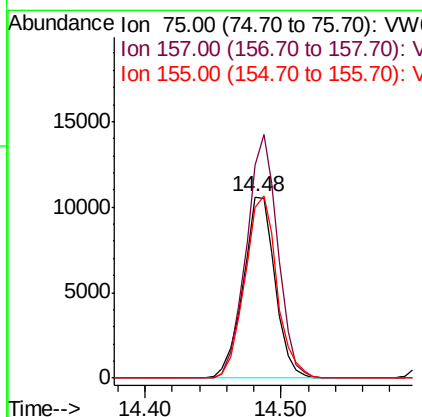
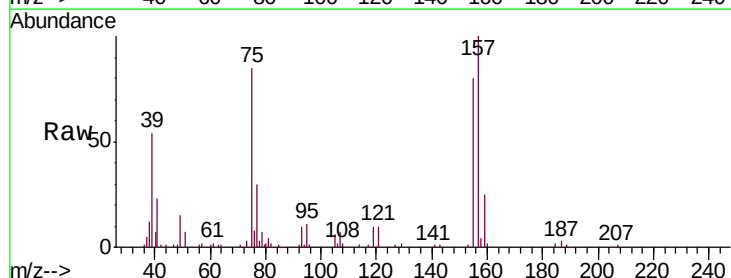
Instrument :
 MSVOA_W
 ClientSampleId :
 DBAQ5

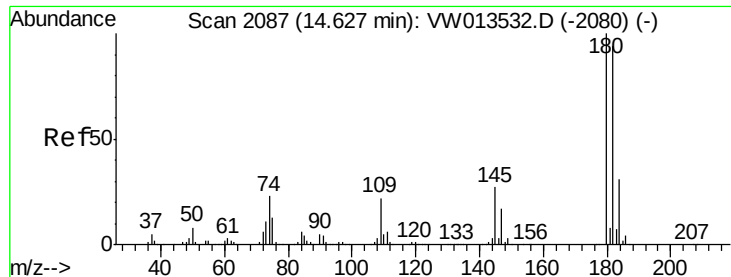
Tgt Ion: 146 Resp: 111713
 Ion Ratio Lower Upper
 146 100
 111 37.2 31.0 46.4
 148 62.1 50.3 75.5



#66
 1,2-Dibromo-3-chloropropane
 Concen: 22.000 ug/L
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW013534.D
 Acq: 11 Oct 2019 12:58

Tgt Ion: 75 Resp: 17340
 Ion Ratio Lower Upper
 75 100
 157 117.1 102.0 153.0
 155 94.1 77.6 116.4

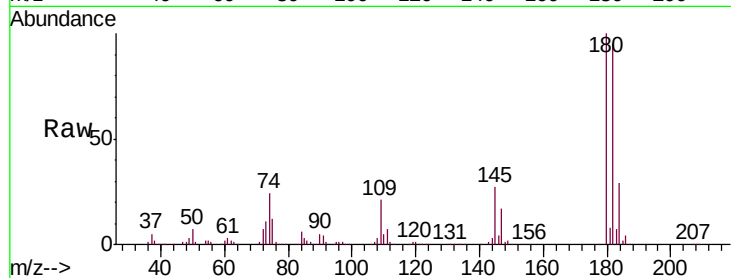




#67
 1,3,5-Trichlorobenzene
 Concen: 23.695 ug/L
 RT: 14.63 min Scan# 2087
 Delta R.T. 0.00 min
 Lab File: VW013534.D
 Acq: 11 Oct 2019 12:58

Instrument :
 MSVOA_W
 ClientSampleId :
 DBAQ5

Tgt Ion:	180	Resp:	227083
Ion	Ratio	Lower	Upper
180	100		
182	96.3	77.0	115.4
184	30.2	24.7	37.1
145	27.9	22.2	33.2



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V

