

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120619\
 Data File : VW014242.D
 Acq On : 06 Dec 2019 10:36
 Operator : SY/VA
 Sample : K6149-01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBBY9

Quant Time: Dec 07 04:25:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 07 04:10:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1219378	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1103652	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	521001	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	482662	26.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.56%
7) Chloroethane-d5	2.89	69	364659	26.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.24%
10) 1,1-Dichloroethene-d2	4.02	63	835989	25.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.52%
20) 2-Butanone-d5	7.07	46	258433	53.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.42%
24) Chloroform-d	7.64	84	778955	25.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.36%
26) 1,2-Dichloroethane-d4	8.30	65	417951	25.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.72%
29) Benzene-d6	8.27	84	1709582	26.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.72%
33) 1,2-Dichloropropane-d6	9.27	67	521800	26.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.88%
37) Toluene-d8	10.32	98	1537549	26.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.16%
38) trans-1,3-Dichloropropene-	10.57	79	212552	25.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.84%
39) 2-Hexanone-d5	10.92	63	208804	52.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	407521	25.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	511068	25.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.68%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	2.21	50	258979	22.213	ug/L	98
6) Bromomethane	2.78	94	105975	9.952	ug/L	98
9) Trichlorofluoromethane	3.25	101	151517	17.730	ug/L	100
12) 1,1-Dichloroethene	4.04	96	367774	22.586	ug/L	79
13) Acetone	4.11	43	375942	81.036	ug/L	100
15) Methyl Acetate	4.66	43	335308	38.212	ug/L	99
16) Methylene chloride	4.91	84	203508	10.887	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	633790	29.515	ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	182337	10.456	ug/L	93
22) cis-1,2-Dichloroethene	7.17	96	465128	25.067	ug/L	96
23) Bromochloromethane	7.51	128	120723	14.144	ug/L #	83
27) 1,2-Dichloroethane	8.40	62	193571	9.710	ug/L	94
30) Cyclohexane	7.95	56	300717	10.916	ug/L	97
31) 1,1,1-Trichloroethane	7.87	97	236184	10.656	ug/L	97
32) Carbon tetrachloride	8.06	117	274649	13.059	ug/L	99
35) Trichloroethene	9.09	95	720980	40.324	ug/L	96
36) Methylcyclohexane	9.33	83	827607	27.546	ug/L	98

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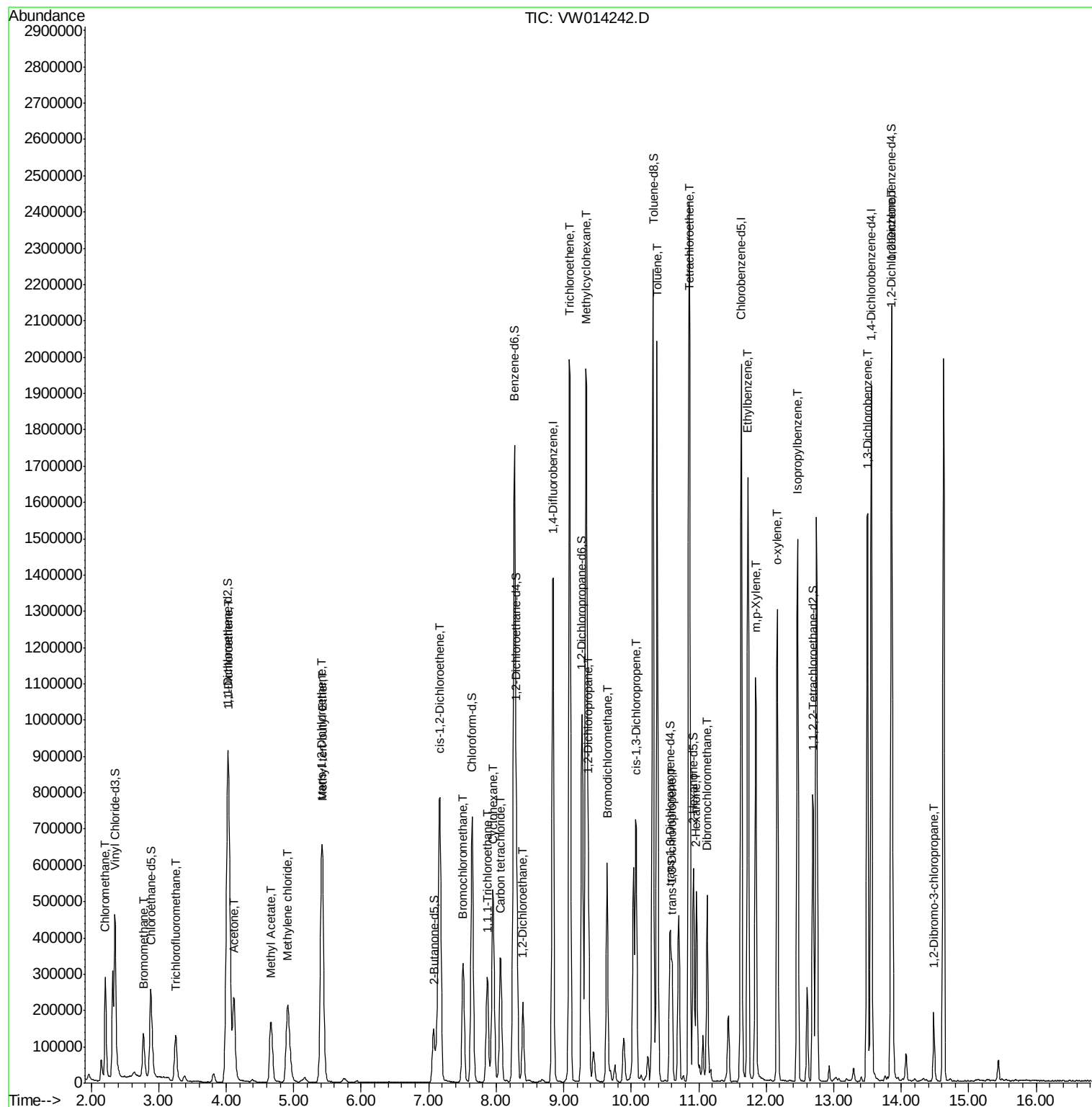
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 1,2-Dichloropropane	9.37	63	222556	12.397	ug/L	100
41) Bromodichloromethane	9.64	83	413604	18.957	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	441885	16.436	ug/L	99
44) Toluene	10.38	91	1496734	20.430	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	173428	7.969	ug/L	98
47) Tetrachloroethene	10.86	164	593199	39.806	ug/L	98
49) 2-Hexanone	10.96	43	347258	41.202	ug/L	98
50) Dibromochloromethane	11.13	129	277888	18.405	ug/L	97
53) Ethylbenzene	11.73	91	1203448	15.139	ug/L	97
54) m,p-Xylene	11.84	106	305697	9.997	ug/L	99
55) o-xylene	12.16	106	348240	12.006	ug/L	97
57) Isopropylbenzene	12.46	105	959097	12.737	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	682939	19.502	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	320090	9.829	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.48	75	47209	18.793	ug/L	88

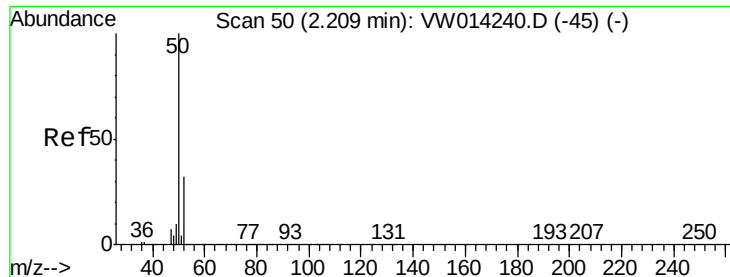
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120619\
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Response via : Initial Calibration





#3

Chloromethane

Concen: 22.213 ug/L

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW014242.D

Acq: 06 Dec 2019 10:36

Instrument :

MSVOA_W

ClientSampleId :

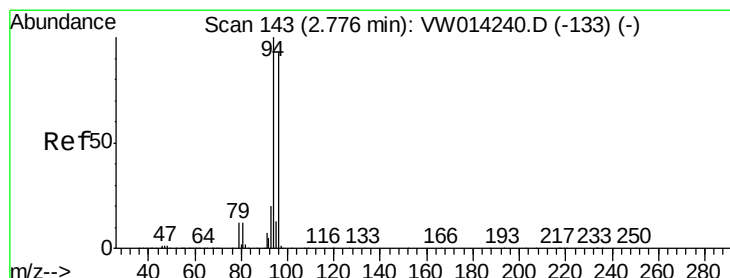
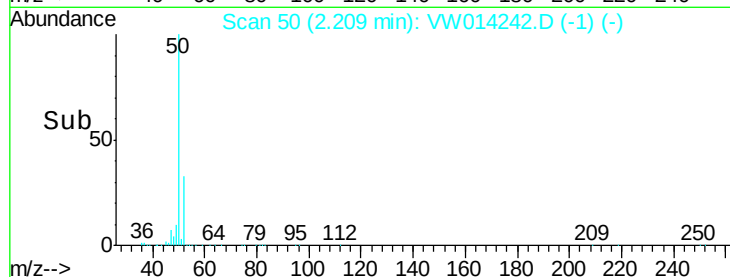
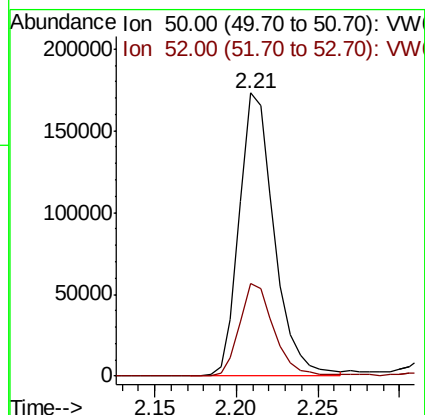
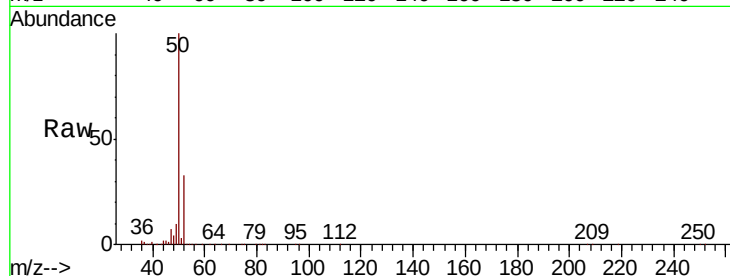
DBBY9

Tot Ion: 50 Resp: 258979

Ion Ratio Lower Upper

50 100

52 32.6 23.8 44.2



#6

Bromomethane

Concen: 9.952 ug/L

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW014242.D

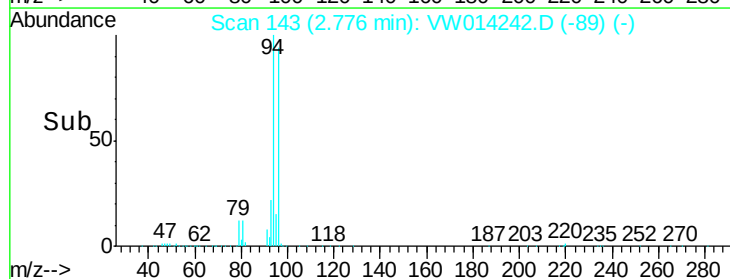
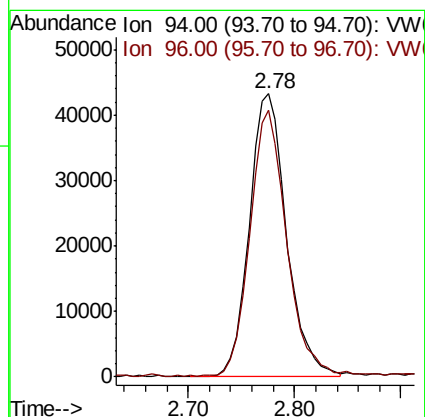
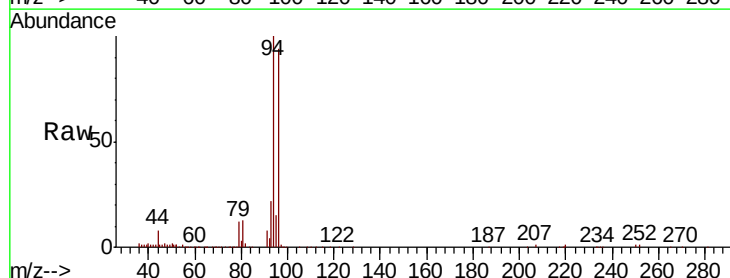
Acq: 06 Dec 2019 10:36

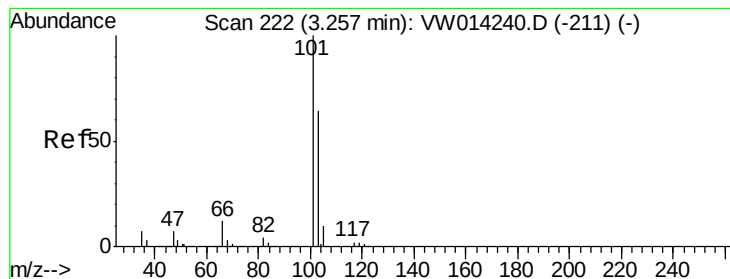
Tgt Ion: 94 Resp: 105975

Ion Ratio Lower Upper

94 100

96 91.8 9.4 178.8



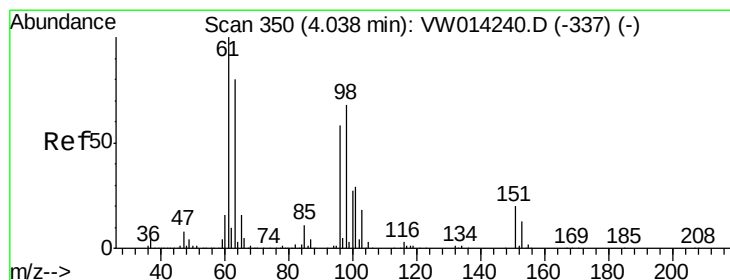
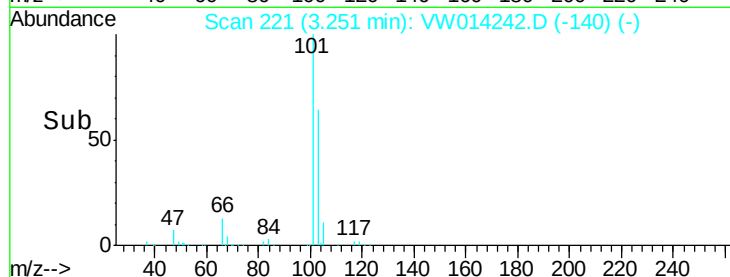
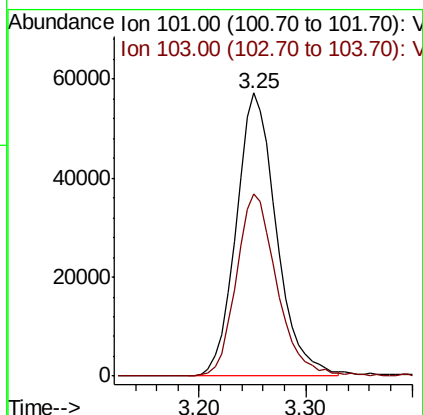
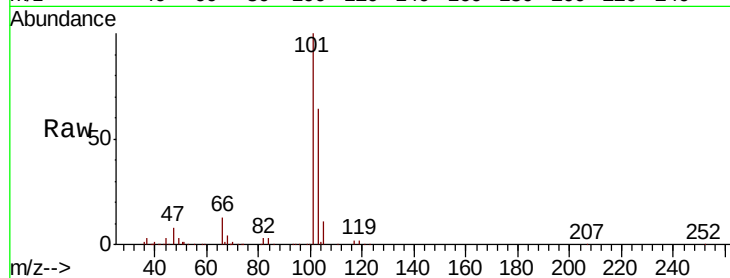


#9

Trichlorofluoromethane
Concen: 17.730 ug/L
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW014242.D
Acq: 06 Dec 2019 10:36

Instrument :
MSVOA_W
ClientSampleId :
DBBY9

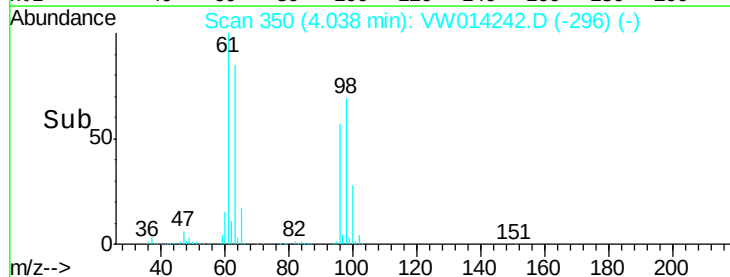
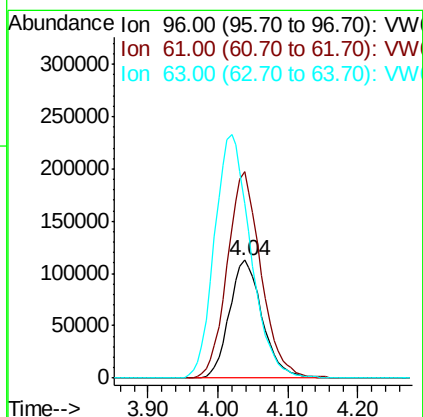
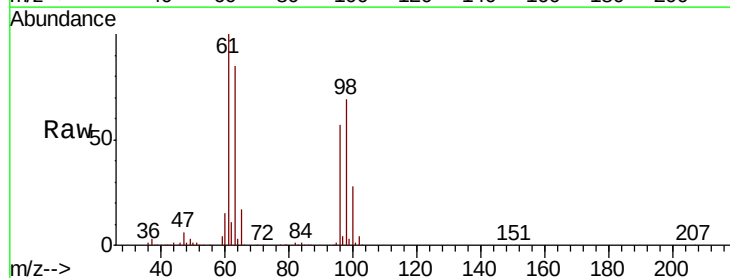
Tot Ion:101 Resp: 151517
Ion Ratio Lower Upper
101 100
103 64.9 45.4 84.2

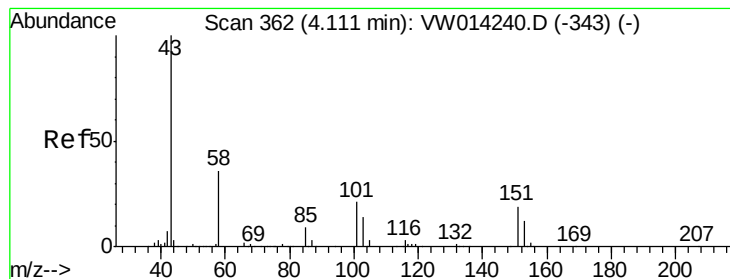


#12

1,1-Dichloroethene
Concen: 22.586 ug/L
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW014242.D
Acq: 06 Dec 2019 10:36

Tgt Ion: 96 Resp: 367774
Ion Ratio Lower Upper
96 100
61 175.4 109.8 204.0
63 148.3 80.7 149.9





#13

Acetone

Concen: 81.036 ug/L

RT: 4.11 min Scan# 362

Delta R.T. -0.00 min

Lab File: VW014242.D

Acq: 06 Dec 2019 10:36

Instrument :

MSVOA_W

ClientSampled :

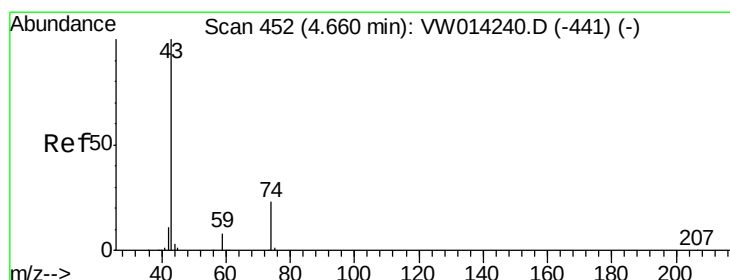
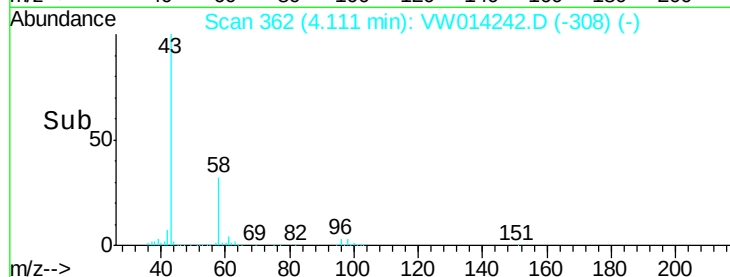
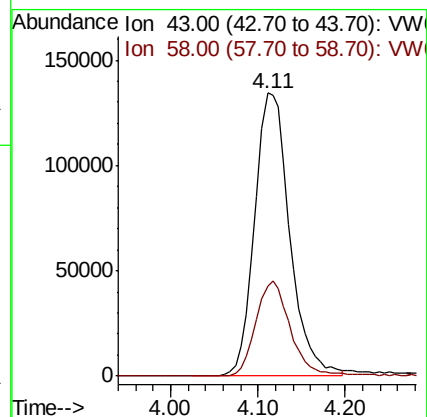
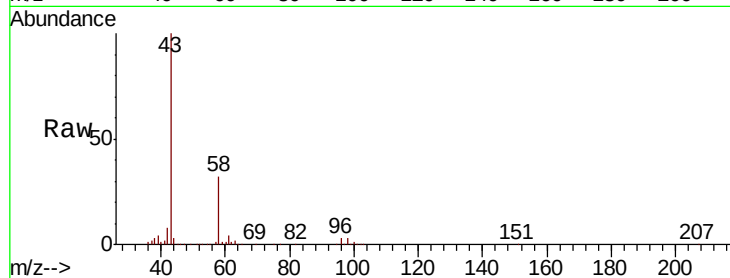
DBBY9

Tot Ion: 43 Resp: 375942

Ion Ratio Lower Upper

43 100

58 32.7 0.0 65.4



#15

Methyl Acetate

Concen: 38.212 ug/L

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW014242.D

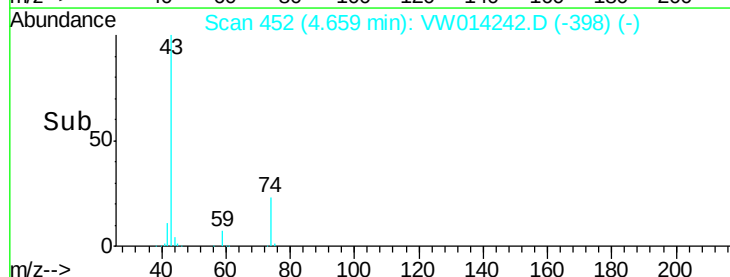
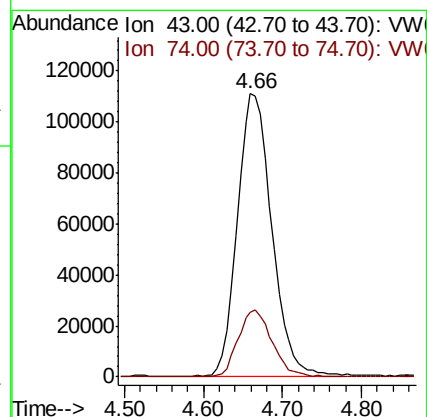
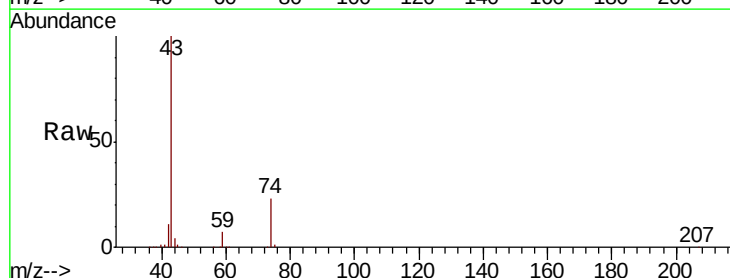
Acq: 06 Dec 2019 10:36

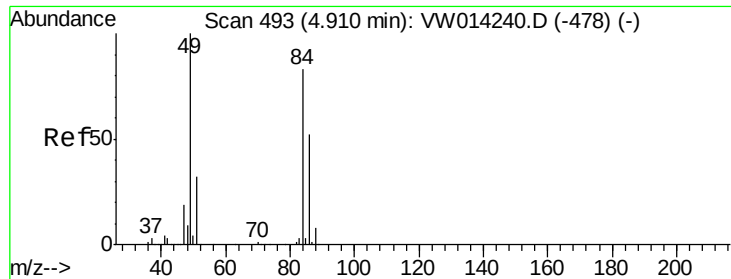
Tgt Ion: 43 Resp: 335308

Ion Ratio Lower Upper

43 100

74 23.4 19.3 28.9

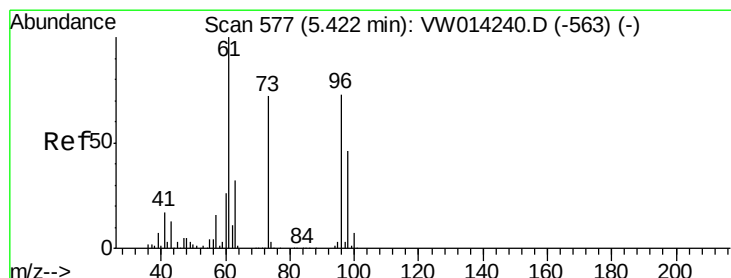
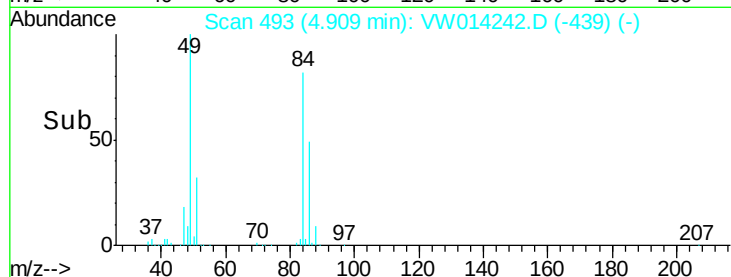
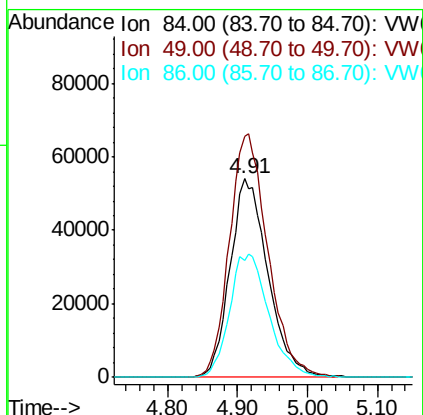
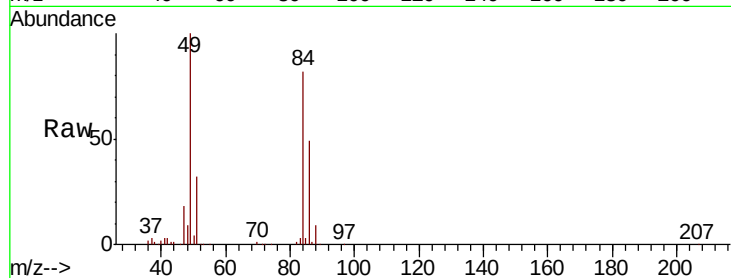




#16
Methylene chloride
Concen: 10.887 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW014242.D
Acq: 06 Dec 2019 10:36

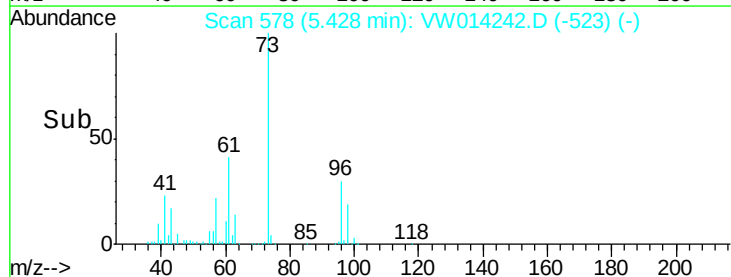
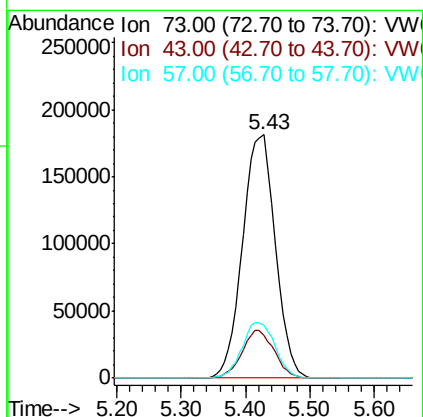
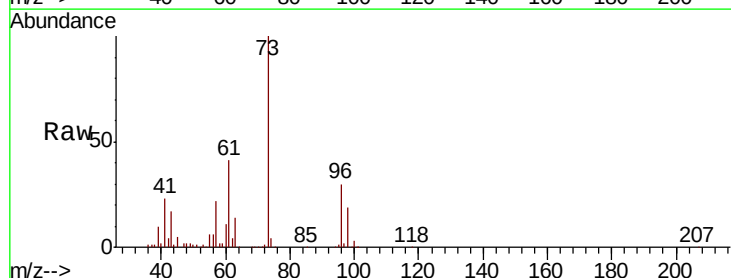
Instrument :
MSVOA_W
ClientSampled :
DBBY9

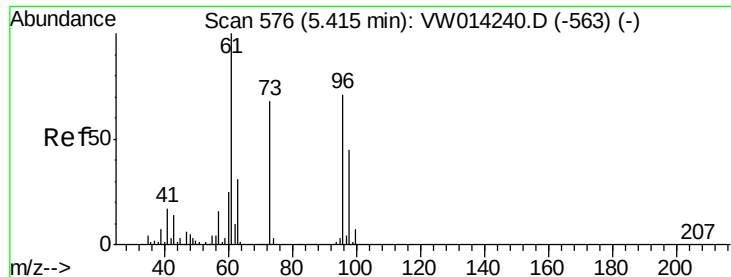
Tot Ion: 84 Resp: 203508
Ion Ratio Lower Upper
84 100
49 121.8 84.2 156.4
86 59.2 43.7 81.1



#17
Methyl tert-butyl Ether
Concen: 29.515 ug/L
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW014242.D
Acq: 06 Dec 2019 10:36

Tgt Ion: 73 Resp: 633790
Ion Ratio Lower Upper
73 100
43 19.0 15.5 23.3
57 22.9 18.2 27.4





#18

trans-1,2-Dichloroethene

Concen: 10.456 ug/L

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW014242.D

Acq: 06 Dec 2019 10:36

Instrument :

MSVOA_W

ClientSampled :

DBBY9

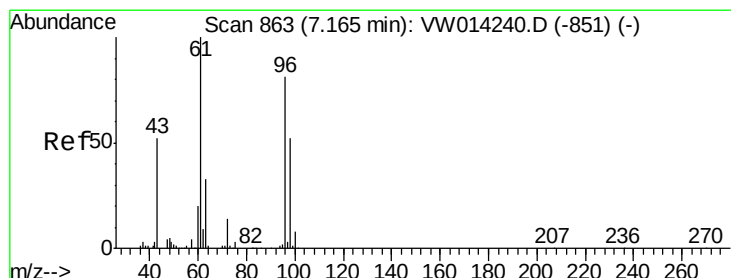
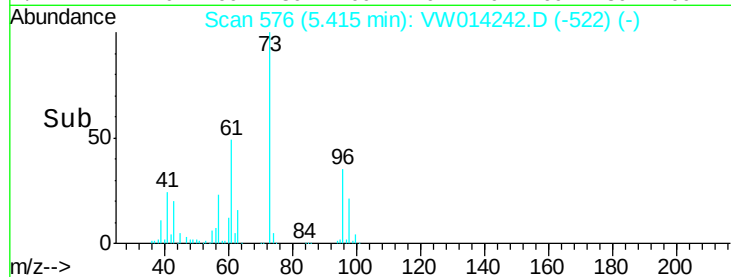
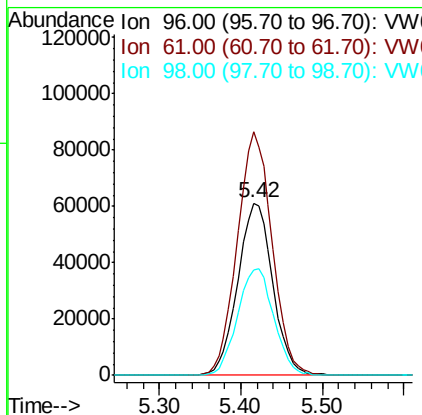
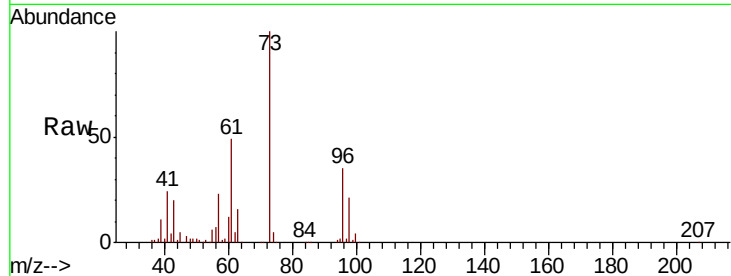
Tot Ion: 96 Resp: 182337

Ion Ratio Lower Upper

96 100

61 141.6 90.6 168.2

98 61.4 42.9 79.7



#22

cis-1,2-Dichloroethene

Concen: 25.067 ug/L

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW014242.D

Acq: 06 Dec 2019 10:36

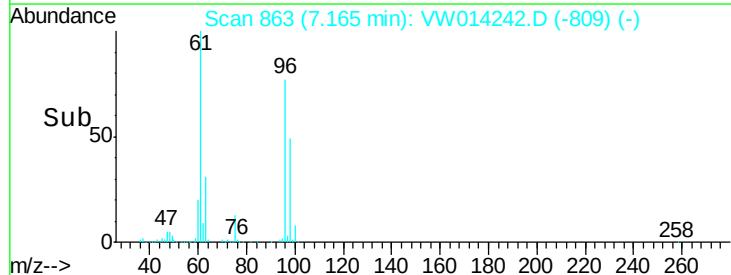
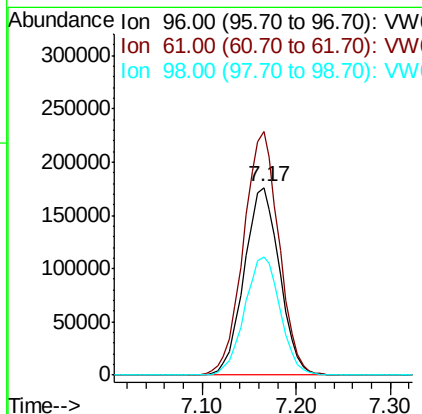
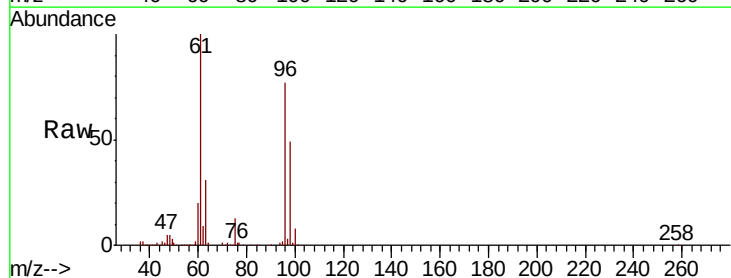
Tgt Ion: 96 Resp: 465128

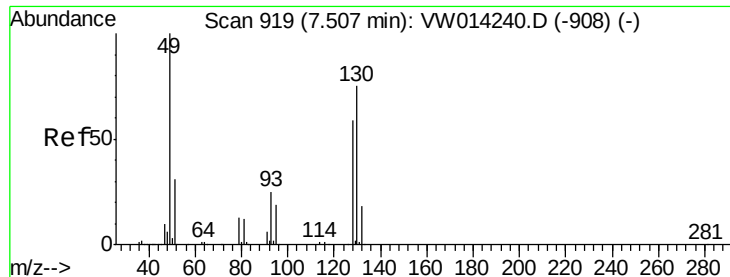
Ion Ratio Lower Upper

96 100

61 129.8 86.9 161.5

98 63.0 45.5 84.5





#23

Bromochloromethane

Concen: 14.144 ug/L

RT: 7.51 min Scan# 919

Delta R.T. -0.00 min

Lab File: VW014242.D

Acq: 06 Dec 2019 10:36

Instrument :

MSVOA_W

ClientSampleId :

DBBY9

Tot Ion:128 Resp: 120723

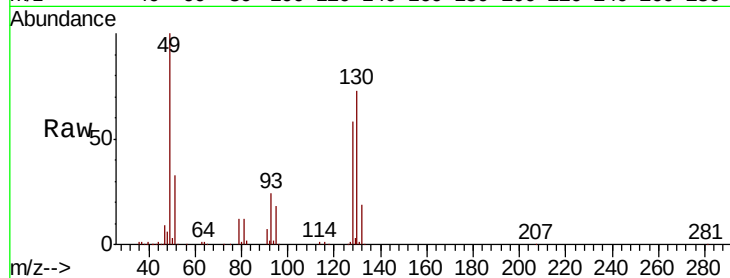
Ion Ratio Lower Upper

128 100

49 171.0 95.1 176.5

130 125.6 85.0 158.0

51 56.0 36.7 55.1#

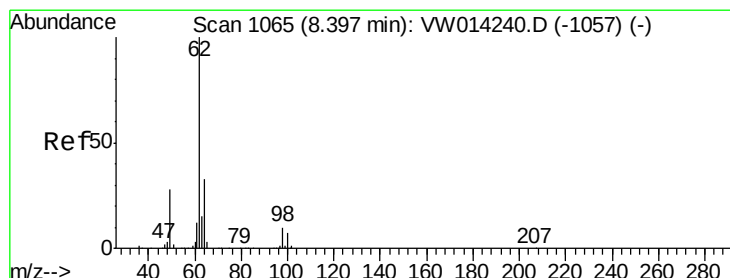
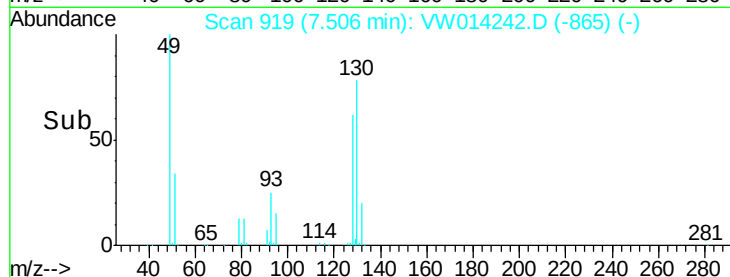
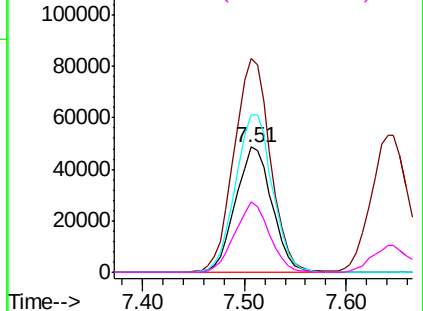


Abundance Ion 128.00 (127.70 to 128.70): V

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: 9.710 ug/L

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW014242.D

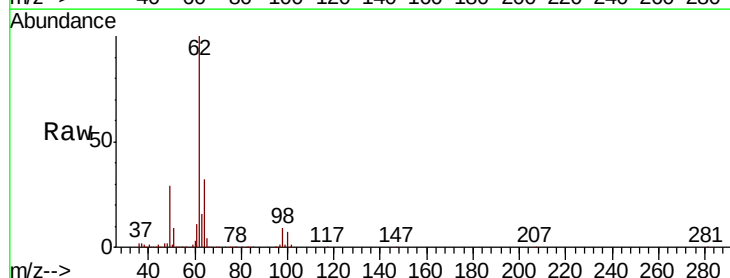
Acq: 06 Dec 2019 10:36

Tgt Ion: 62 Resp: 193571

Ion Ratio Lower Upper

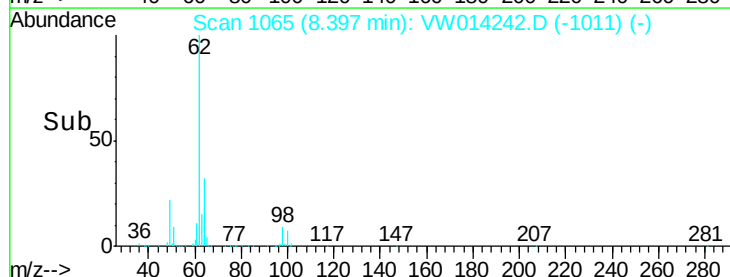
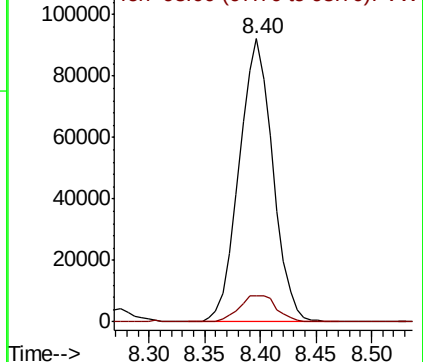
62 100

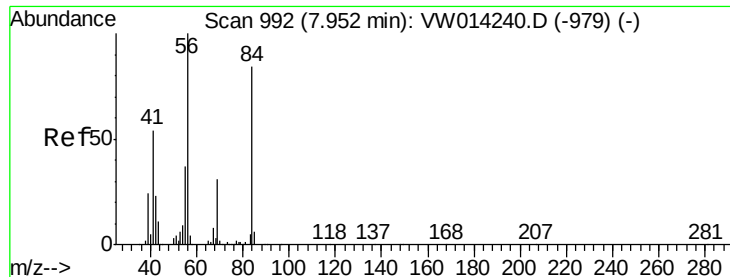
98 9.4 9.3 13.9



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 98.00 (97.70 to 98.70): VW

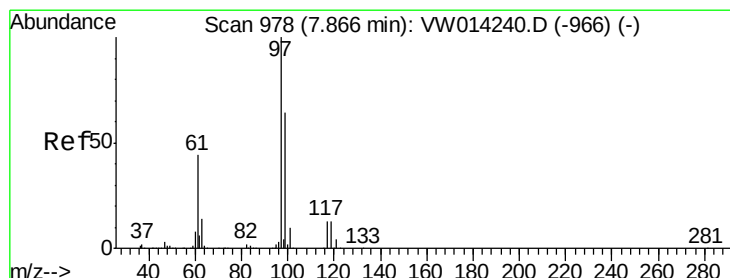
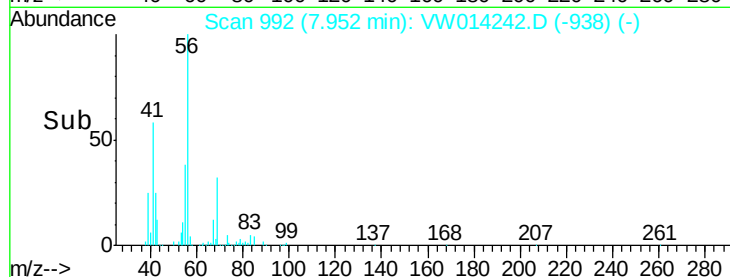
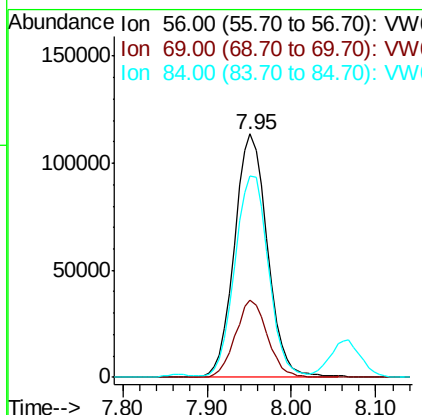
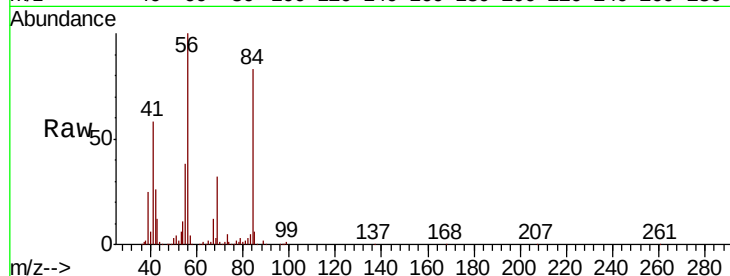




#30
Cyclohexane
Concen: 10.916 ug/L
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW014242.D
Acq: 06 Dec 2019 10:36

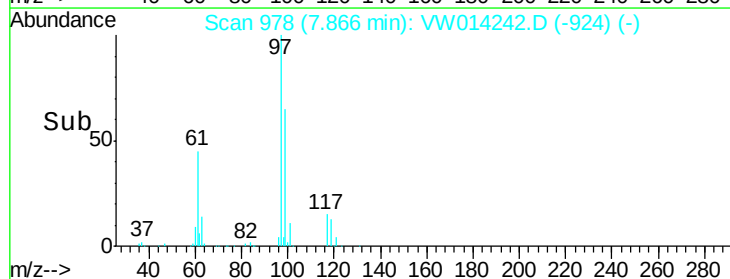
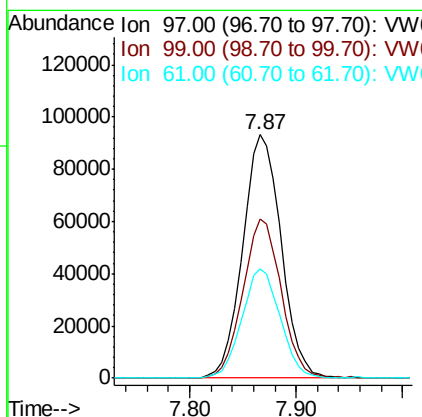
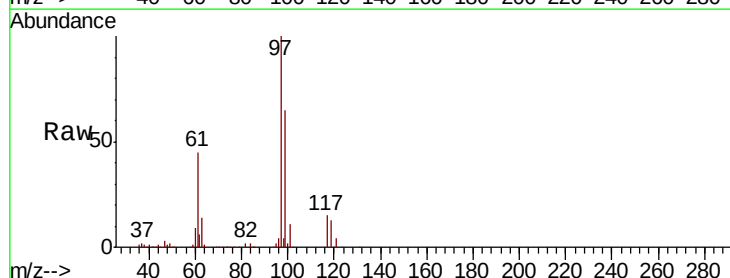
Instrument :
MSVOA_W
ClientSampleId :
DBBY9

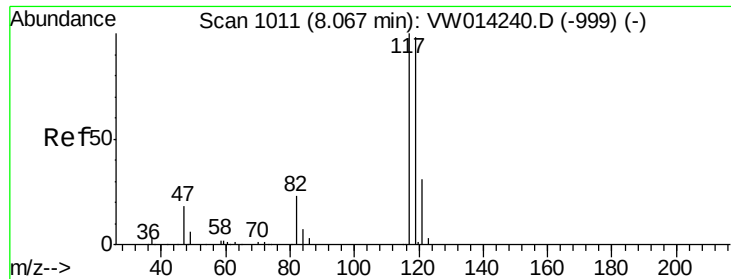
Tot Ion	Ratio	Lower	Upper
56	100		
69	30.7	24.6	37.0
84	84.2	70.2	105.2



#31
1,1,1-Trichloroethane
Concen: 10.656 ug/L
RT: 7.87 min Scan# 978
Delta R.T. -0.00 min
Lab File: VW014242.D
Acq: 06 Dec 2019 10:36

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.1	76.7
61	44.8	32.8	49.2





#32

Carbon tetrachloride

Concen: 13.059 ug/L

RT: 8.06 min Scan# 1010

Delta R.T. -0.01 min

Lab File: VW014242.D

Acq: 06 Dec 2019 10:36

Instrument :

MSVOA_W

ClientSampleId :

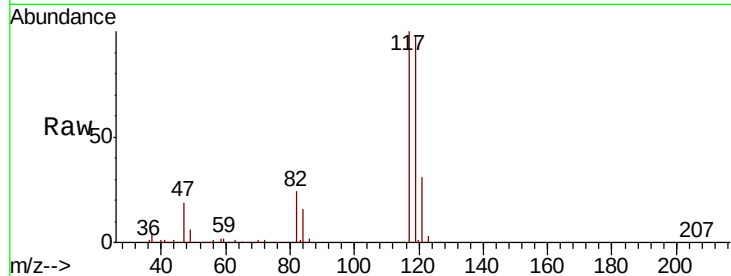
DBBY9

Tot Ion:117 Resp: 274649

Ion Ratio Lower Upper

117 100

119 95.3 76.7 115.1



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

8.06

120000

100000

80000

60000

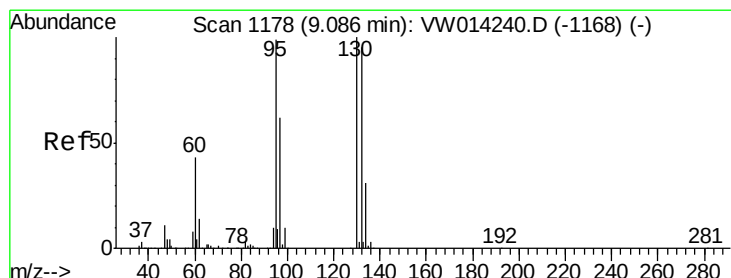
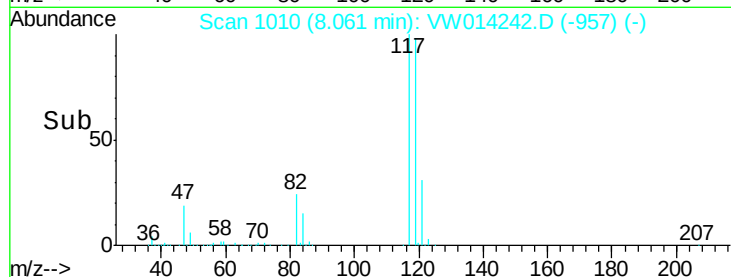
40000

20000

0

Time-->

8.00 8.10 8.20



#35

Trichloroethene

Concen: 40.324 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VW014242.D

Acq: 06 Dec 2019 10:36

Tgt Ion: 95 Resp: 720980

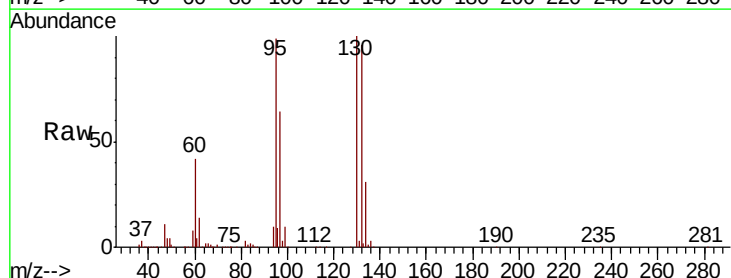
Ion Ratio Lower Upper

95 100

97 64.4 45.1 83.9

132 100.0 73.7 136.9

130 103.0 76.6 142.2



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

500000

400000

300000

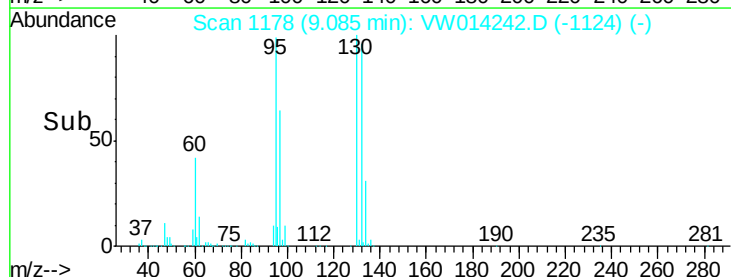
200000

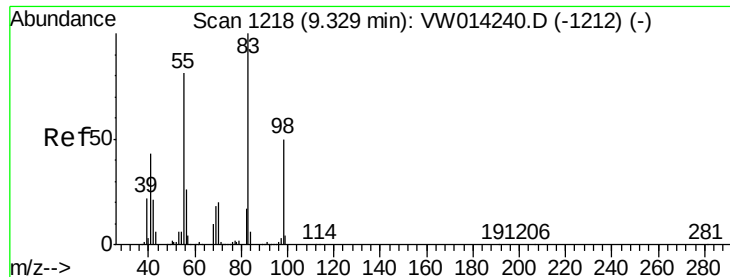
100000

0

Time-->

9.00 9.05 9.10 9.15 9.20

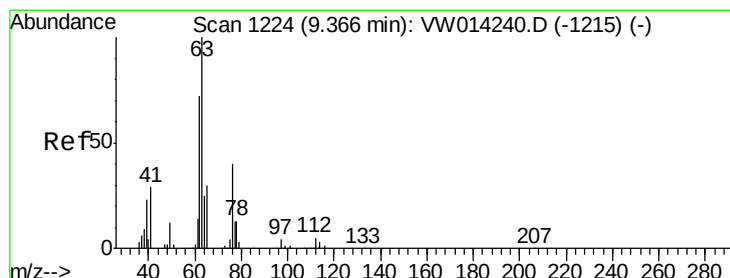
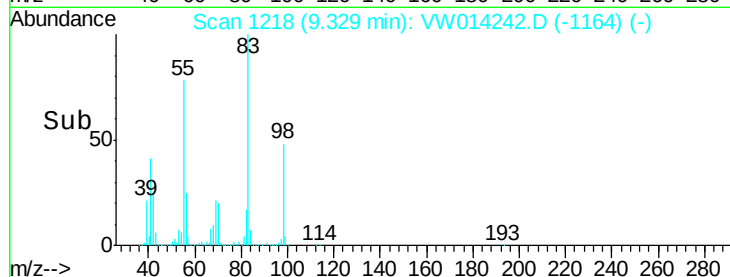
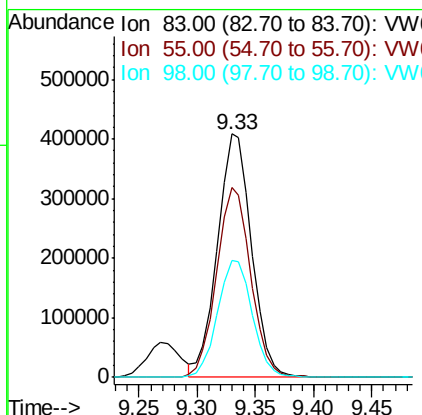
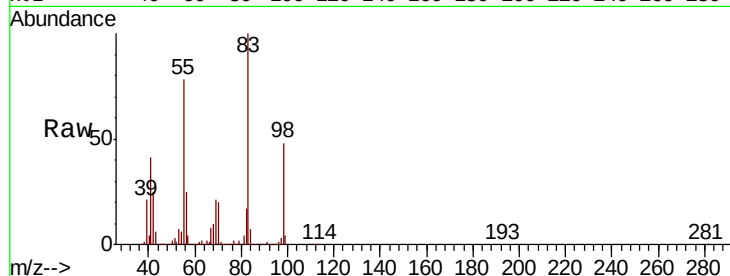




#36
Methylcyclohexane
Concen: 27.546 ug/L
RT: 9.33 min Scan# 1218
Delta R.T. -0.00 min
Lab File: VW014242.D
Acq: 06 Dec 2019 10:36

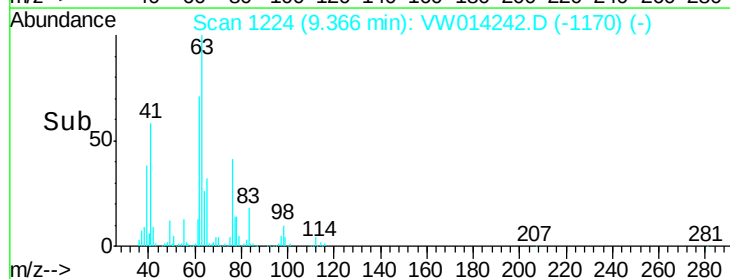
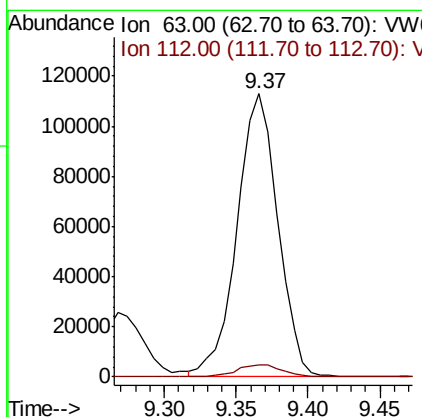
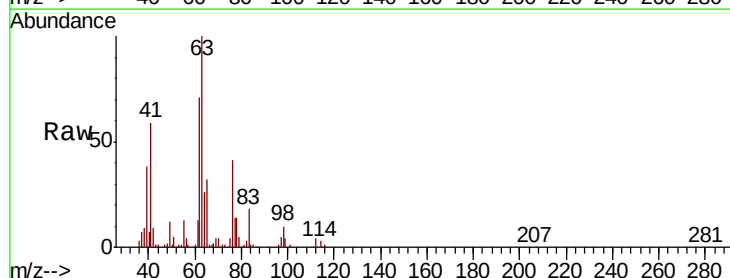
Instrument :
MSVOA_W
ClientSampleId :
DBBY9

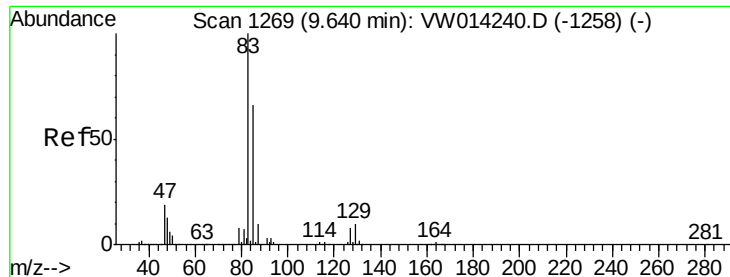
Tot Ion: 83 Resp: 827607
Ion Ratio Lower Upper
83 100
55 77.4 59.8 89.8
98 48.6 39.5 59.3



#40
1,2-Dichloropropane
Concen: 12.397 ug/L
RT: 9.37 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VW014242.D
Acq: 06 Dec 2019 10:36

Tgt Ion: 63 Resp: 222556
Ion Ratio Lower Upper
63 100
112 4.7 3.9 5.9





#41

Bromodichloromethane

Concen: 18.957 ug/L

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW014242.D

Acq: 06 Dec 2019 10:36

Instrument :

MSVOA_W

ClientSampleId :

DBBY9

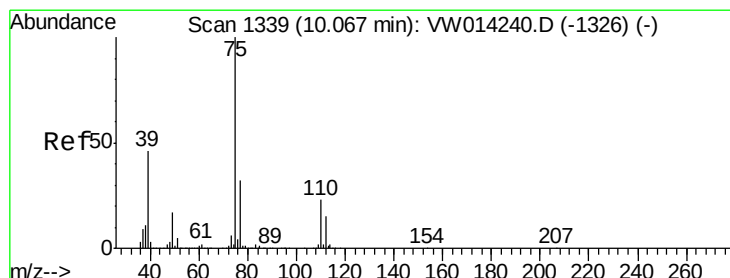
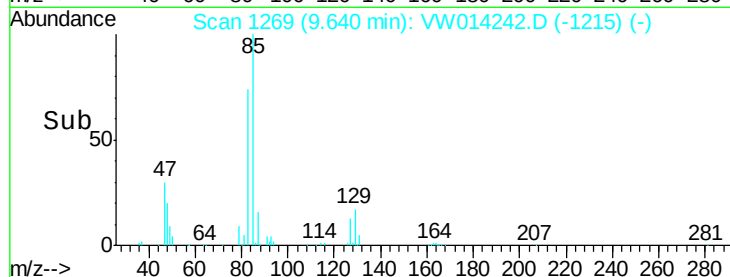
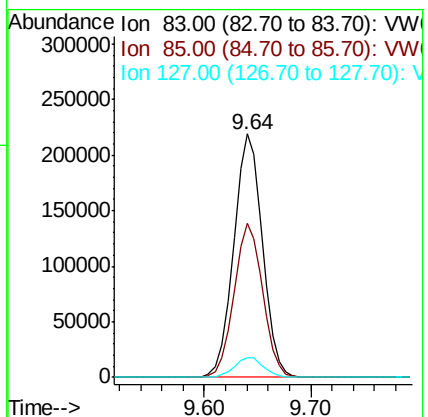
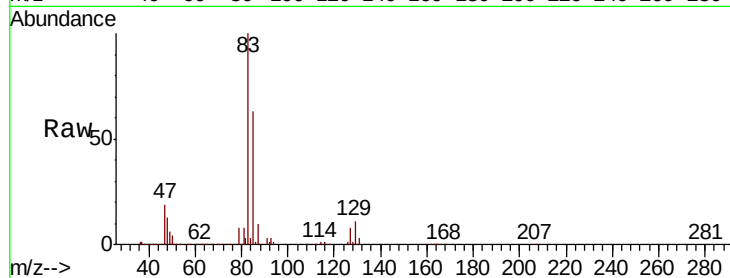
Tot Ion: 83 Resp: 413604

Ion Ratio Lower Upper

83 100

85 63.1 45.1 83.7

127 8.1 7.4 11.0



#42

cis-1,3-Dichloropropene

Concen: 16.436 ug/L

RT: 10.07 min Scan# 1339

Delta R.T. -0.00 min

Lab File: VW014242.D

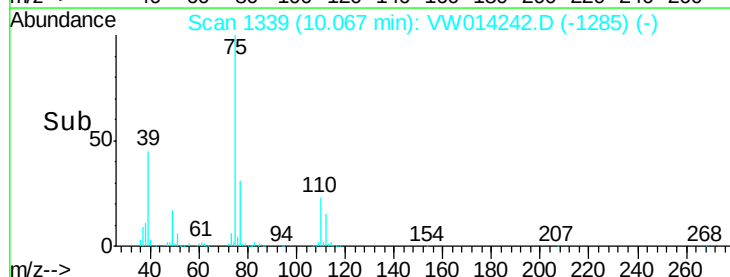
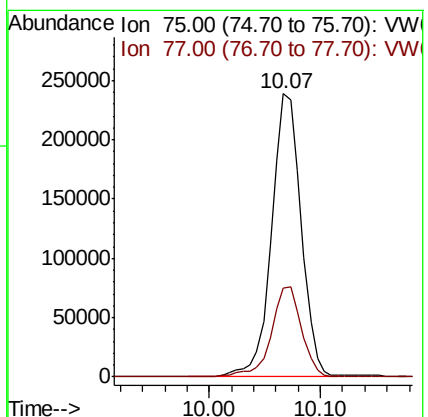
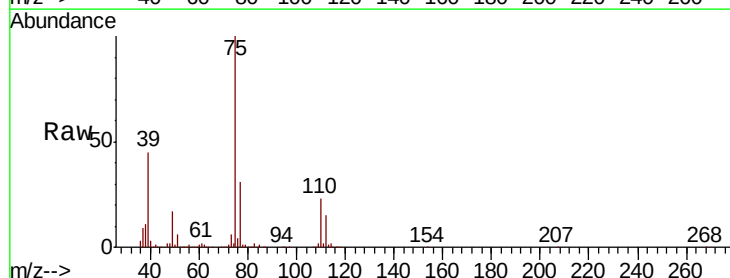
Acq: 06 Dec 2019 10:36

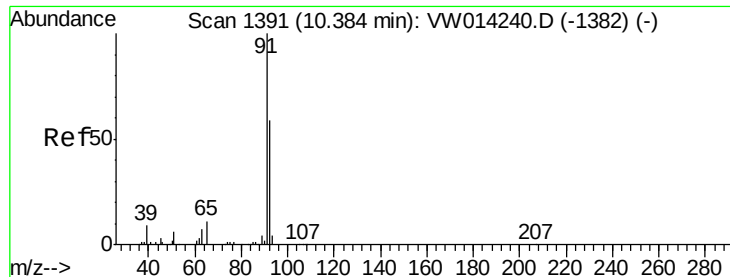
Tgt Ion: 75 Resp: 441885

Ion Ratio Lower Upper

75 100

77 31.2 22.1 41.1





#44

Toluene

Concen: 20.430 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW014242.D

Acq: 06 Dec 2019 10:36

Instrument :

MSVOA_W

ClientSampleId :

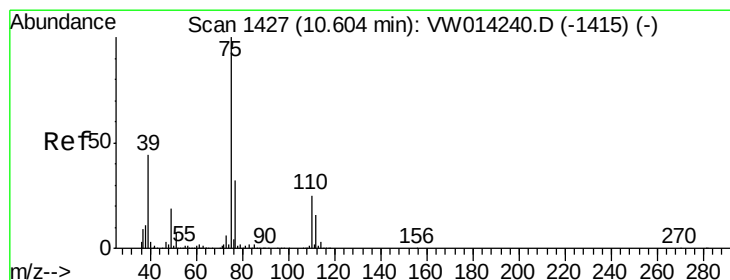
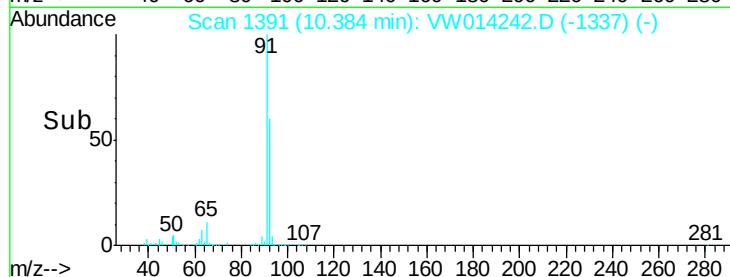
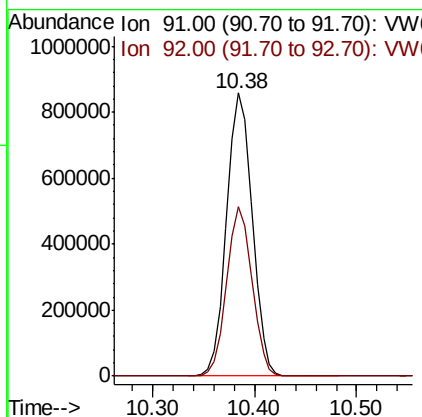
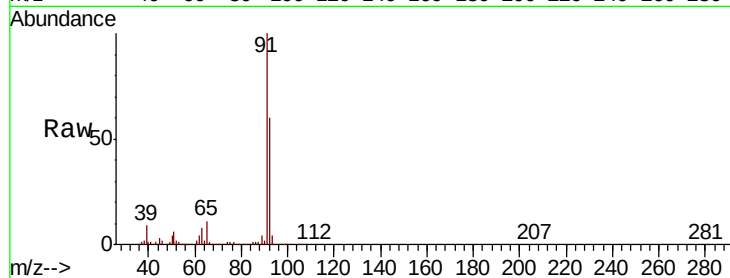
DBBY9

Tot Ion: 91 Resp: 1496734

Ion Ratio Lower Upper

91 100

92 59.7 40.7 75.7



#45

trans-1,3-Dichloropropene

Concen: 7.969 ug/L

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW014242.D

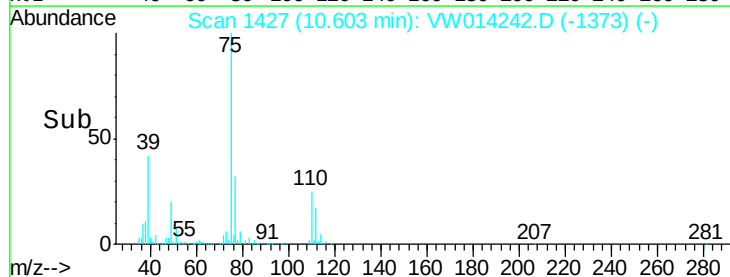
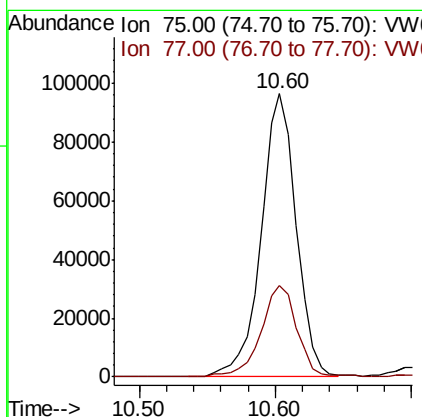
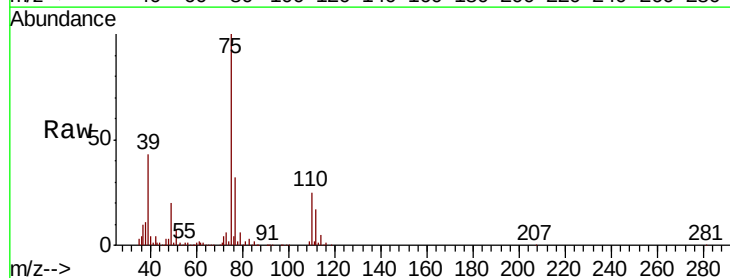
Acq: 06 Dec 2019 10:36

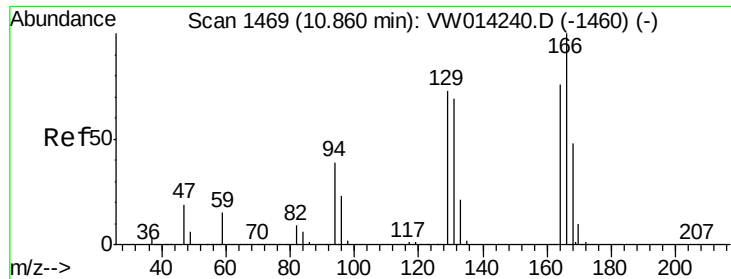
Tgt Ion: 75 Resp: 173428

Ion Ratio Lower Upper

75 100

77 32.4 21.8 40.6

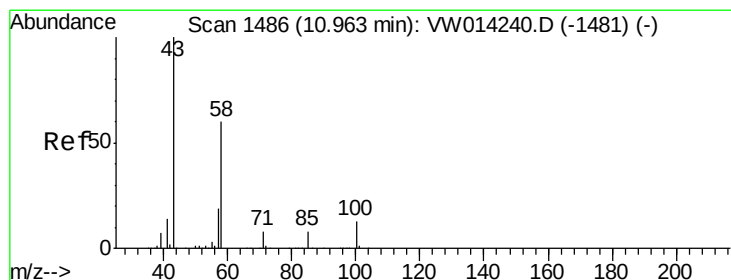
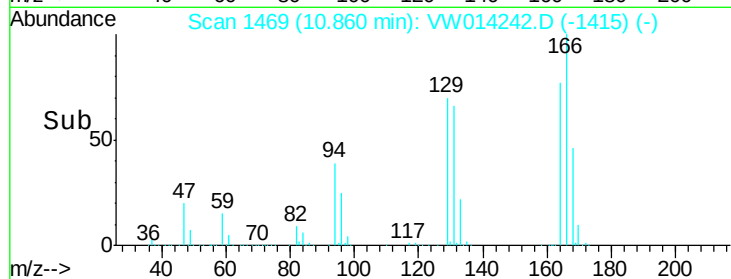
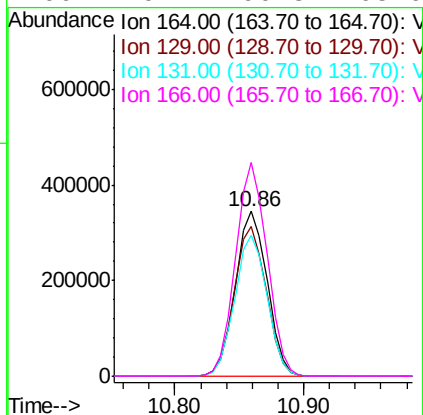
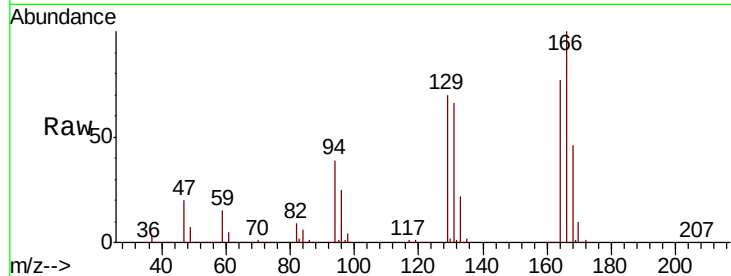




#47
Tetrachloroethene
Concen: 39.806 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW014242.D
Acq: 06 Dec 2019 10:36

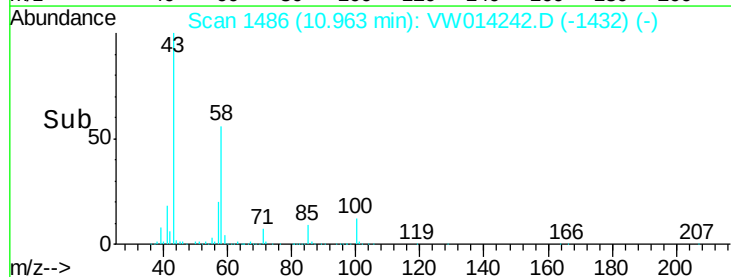
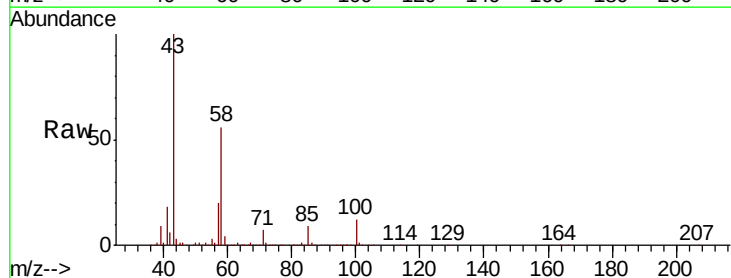
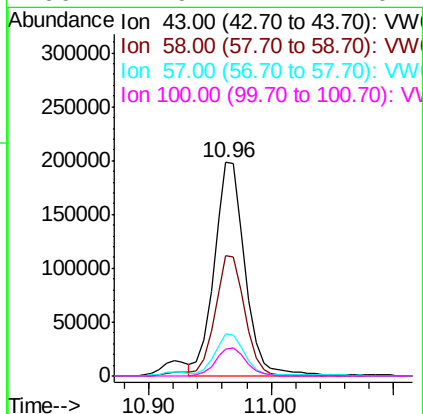
Instrument :
MSVOA_W
ClientSampleId :
DBBY9

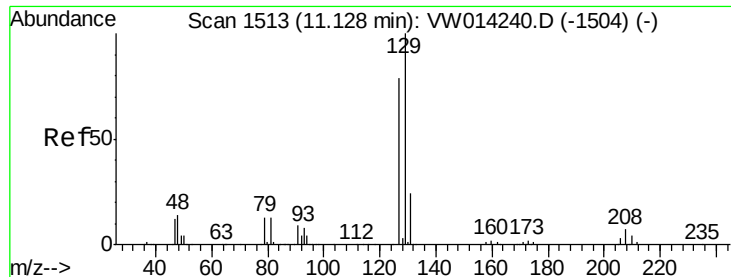
Tot Ion	Ratio	Lower	Upper
164	100		
129	90.8	60.6	112.6
131	85.3	59.1	109.7
166	129.7	90.8	168.6



#49
2-Hexanone
Concen: 41.202 ug/L
RT: 10.96 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VW014242.D
Acq: 06 Dec 2019 10:36

Tgt Ion	Ratio	Lower	Upper
43	100		
58	55.9	44.4	66.6
57	18.1	16.5	24.7
100	12.9	11.1	16.7

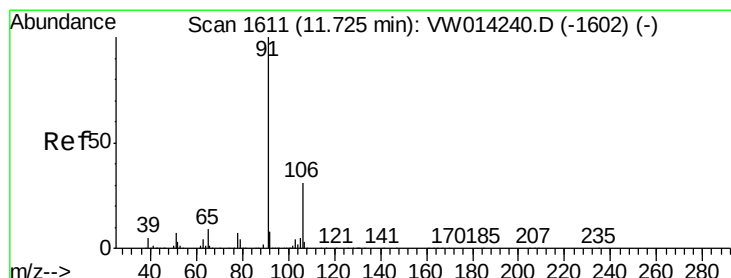
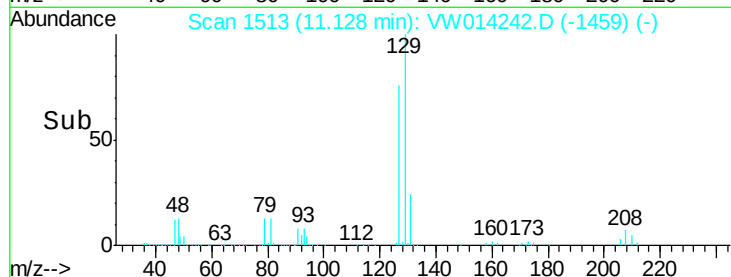
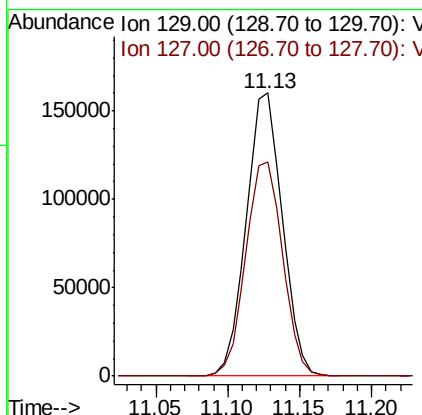
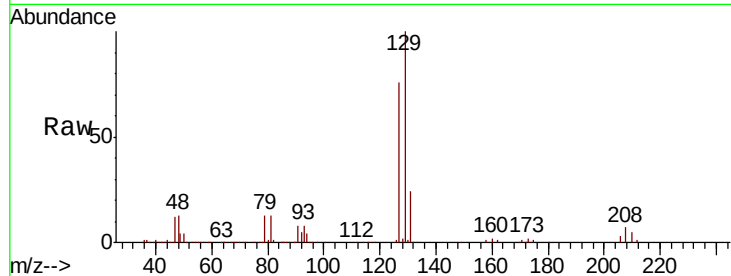




#50
Dibromochloromethane
Concen: 18.405 ug/L
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW014242.D
Acq: 06 Dec 2019 10:36

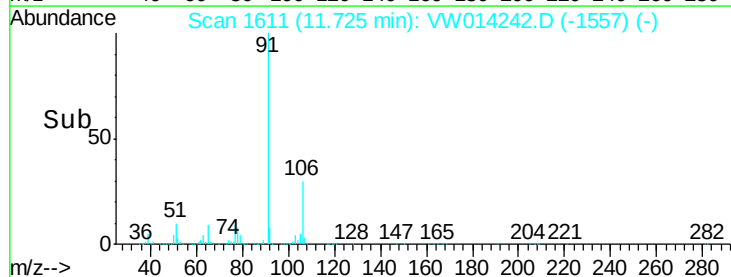
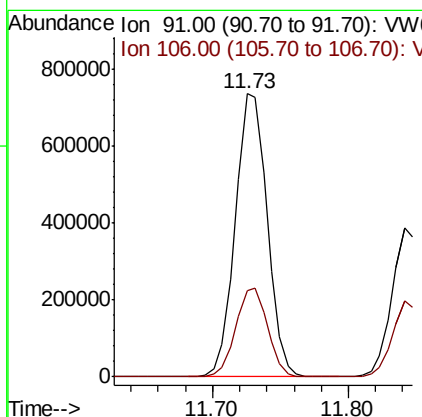
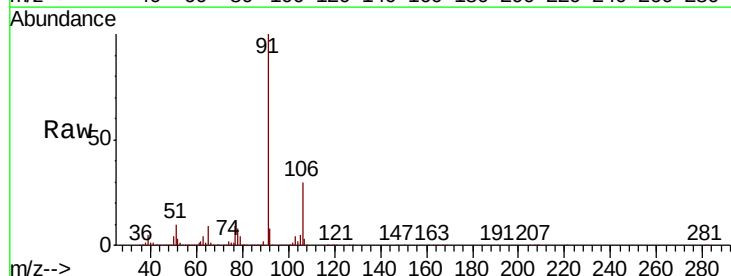
Instrument :
MSVOA_W
ClientSampleId :
DBBY9

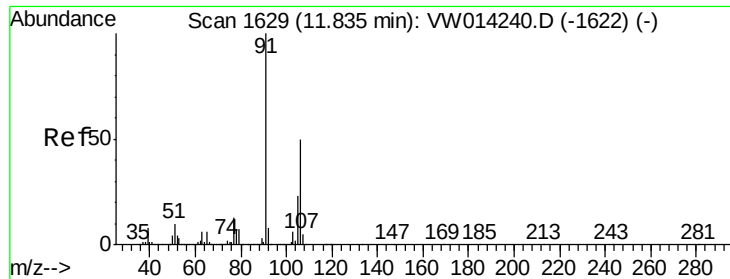
Tot Ion:129 Resp: 277888
Ion Ratio Lower Upper
129 100
127 75.8 54.9 102.1



#53
Ethylbenzene
Concen: 15.139 ug/L
RT: 11.73 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VW014242.D
Acq: 06 Dec 2019 10:36

Tgt Ion: 91 Resp: 1203448
Ion Ratio Lower Upper
91 100
106 30.5 22.3 41.5





#54

m,p-Xylene

Concen: 9.997 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. 0.01 min

Lab File: VW014242.D

Acq: 06 Dec 2019 10:36

Instrument :

MSVOA_W

ClientSampleId :

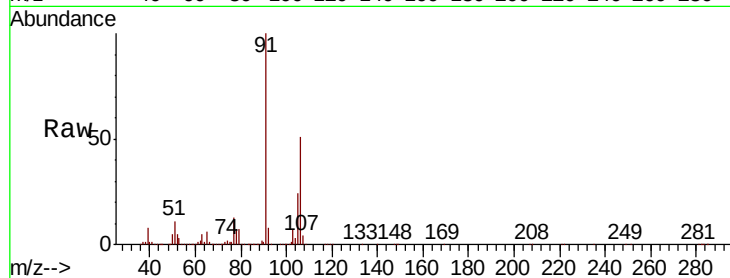
DBBY9

Tot Ion:106 Resp: 305697

Ion Ratio Lower Upper

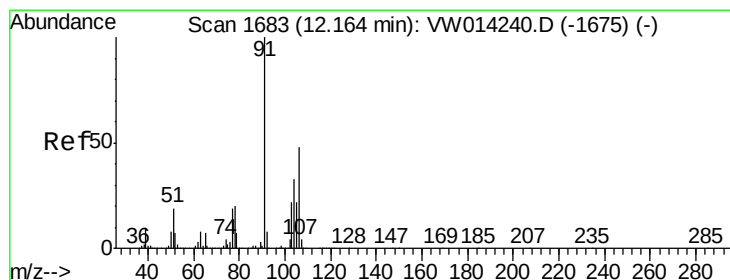
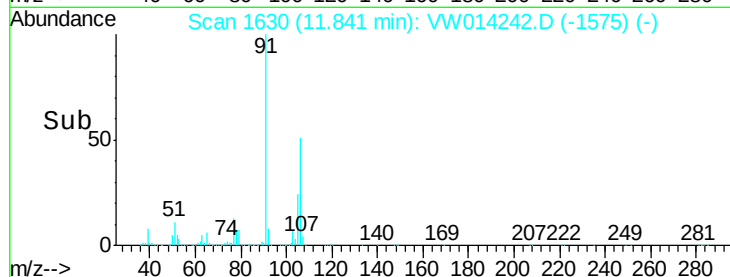
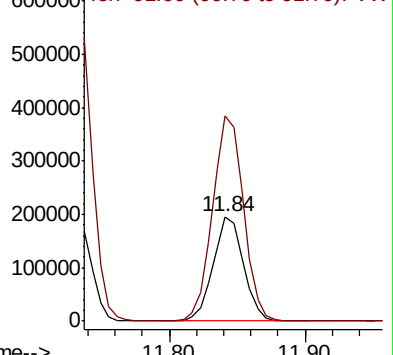
106 100

91 196.8 138.7 257.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 12.006 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VW014242.D

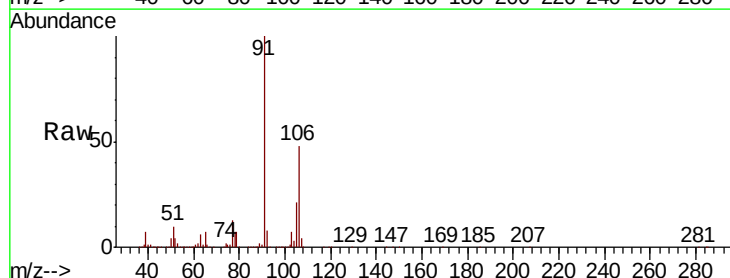
Acq: 06 Dec 2019 10:36

Tgt Ion:106 Resp: 348240

Ion Ratio Lower Upper

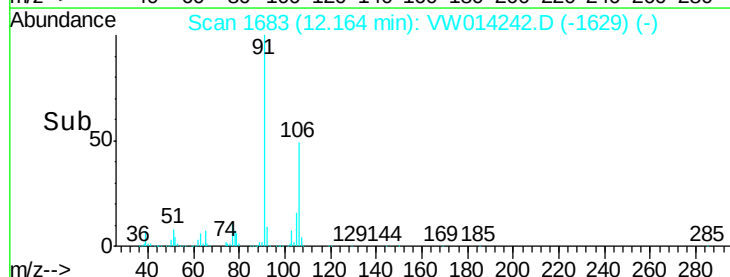
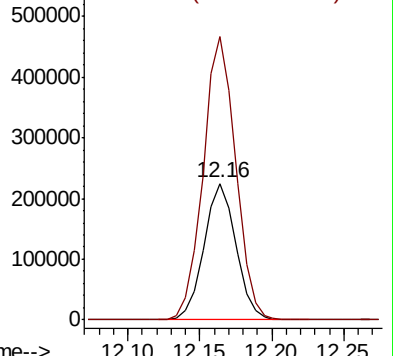
106 100

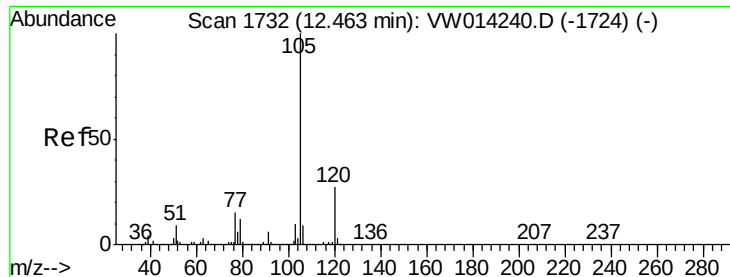
91 207.5 148.3 275.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#57

Isopropylbenzene

Concen: 12.737 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW014242.D

Acq: 06 Dec 2019 10:36

Instrument :

MSVOA_W

ClientSampleId :

DBBY9

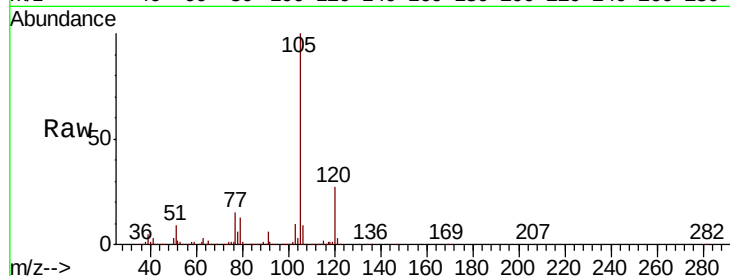
Tot Ion:105 Resp: 959097

Ion Ratio Lower Upper

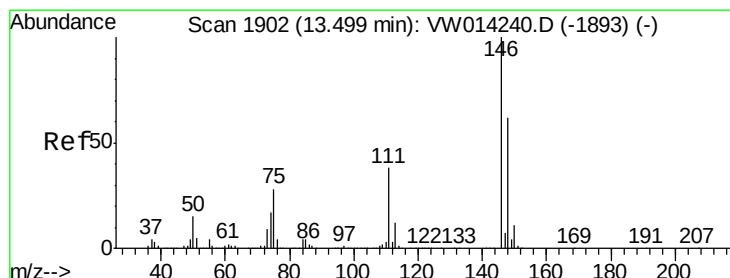
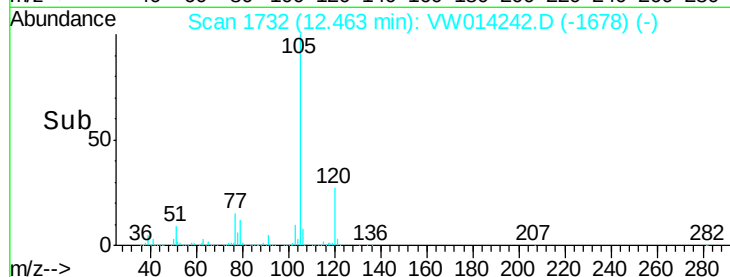
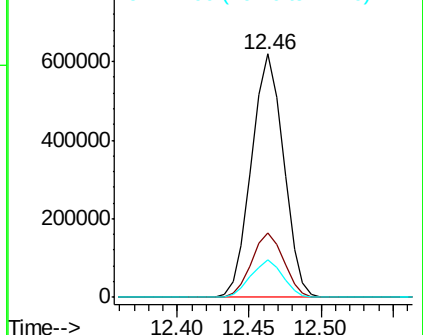
105 100

120 26.4 21.6 32.4

77 15.0 11.6 17.4



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: 19.502 ug/L

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW014242.D

Acq: 06 Dec 2019 10:36

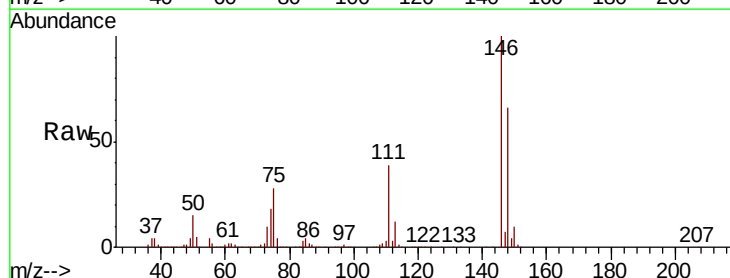
Tgt Ion:146 Resp: 682939

Ion Ratio Lower Upper

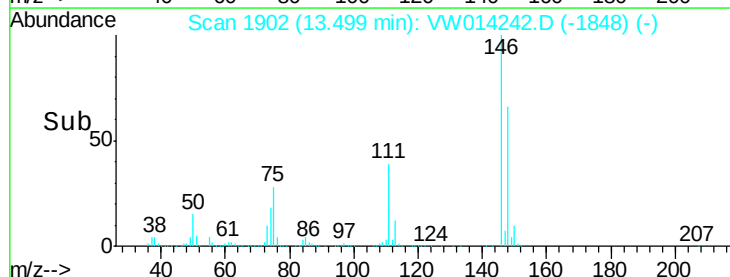
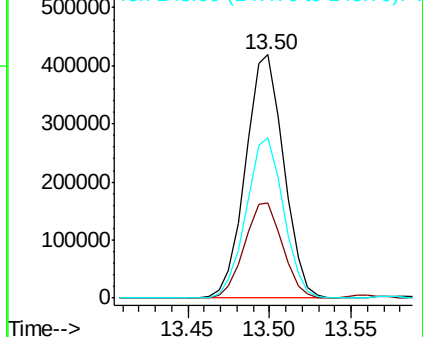
146 100

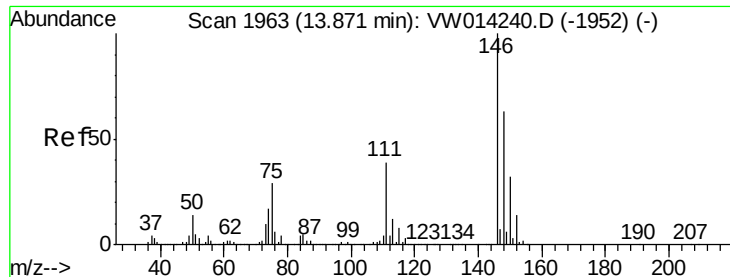
111 39.0 26.0 48.2

148 65.7 44.7 82.9



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: 9.829 ug/L

RT: 13.87 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VW014242.D

Acq: 06 Dec 2019 10:36

Instrument :

MSVOA_W

ClientSampled :

DBBY9

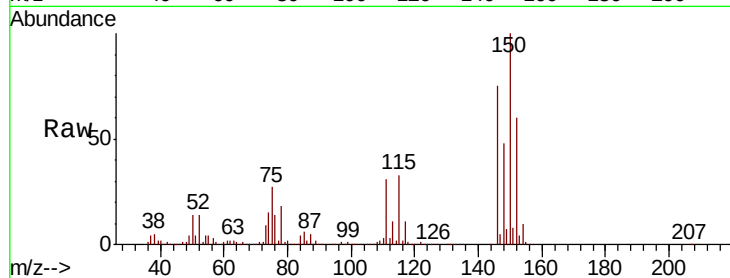
Tot Ion:146 Resp: 320090

Ion Ratio Lower Upper

146 100

111 41.3 30.5 45.7

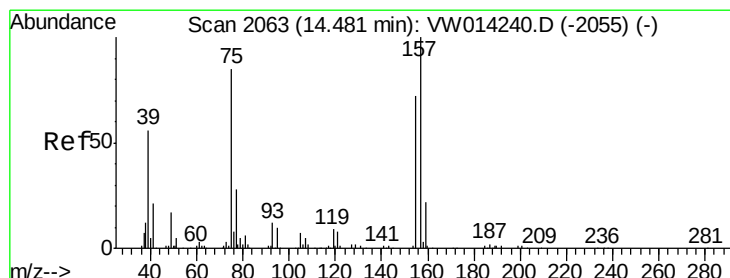
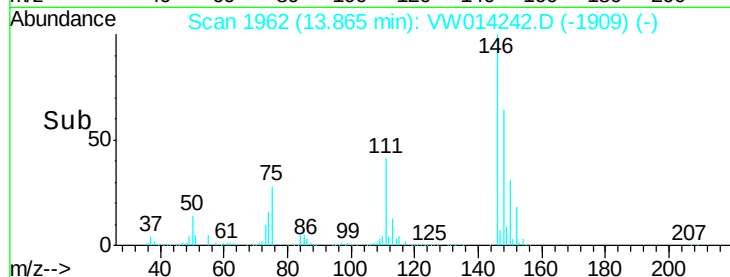
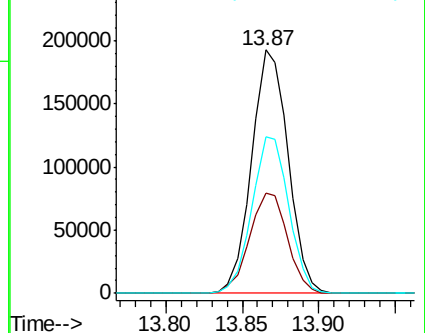
148 64.1 49.4 74.2



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



#66

1,2-Dibromo-3-chloropropane

Concen: 18.793 ug/L

RT: 14.48 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VW014242.D

Acq: 06 Dec 2019 10:36

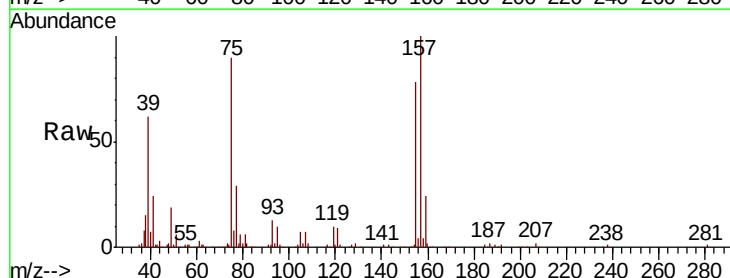
Tgt Ion: 75 Resp: 47209

Ion Ratio Lower Upper

75 100

157 111.5 96.9 145.3

155 86.9 82.9 124.3



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 157.00 (156.70 to 157.70): V

Ion 155.00 (154.70 to 155.70): V

