

Data File : VW010926.D
Acq On : 24 Jun 2019 10:59
Operator : SY/VA
Sample : VSTDICV025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VICV07

Quant Time: Jun 25 02:20:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis
QLast Update : Mon Jun 24 11:05:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	396886	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	360317	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	177655	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	123011	23.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.64%
7) Chloroethane-d5	2.88	69	96277	24.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.12%
10) 1,1-Dichloroethene-d2	4.02	63	294533	24.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.88%
20) 2-Butanone-d5	7.07	46	123857	51.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.54%
24) Chloroform-d	7.64	84	260158	24.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.24%
26) 1,2-Dichloroethane-d4	8.30	65	163747	24.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.72%
29) Benzene-d6	8.27	84	530548	24.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.12%
33) 1,2-Dichloropropane-d6	9.27	67	176139	24.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.56%
37) Toluene-d8	10.32	98	476762	24.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.72%
38) trans-1,3-Dichloropropene-	10.58	79	78698	24.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.52%
39) 2-Hexanone-d5	10.92	63	80173	49.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	149161	25.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	165846	24.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.92%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	150703	27.013	ug/L	96
3) Chloromethane	2.21	50	149208	25.155	ug/L	99
5) Vinyl chloride	2.36	62	177877	25.082	ug/L	99
6) Bromomethane	2.77	94	87781	25.077	ug/L	99
8) Chloroethane	2.92	64	96664	25.736	ug/L	100
9) Trichlorofluoromethane	3.25	101	57233	23.897	ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	137848	24.766	ug/L	100
12) 1,1-Dichloroethene	4.04	96	136120	24.502	ug/L	98
13) Acetone	4.12	43	109584	47.367	ug/L	97
14) Carbon disulfide	4.39	76	416642	25.330	ug/L	100
15) Methyl Acetate	4.67	43	107791	26.916	ug/L	99
16) Methylene chloride	4.91	84	145167	24.697	ug/L	98
17) Methyl tert-butyl Ether	5.42	73	225241	25.895	ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	139299	24.936	ug/L	100
19) 1,1-Dichloroethane	6.21	63	285538	25.026	ug/L	99
21) 2-Butanone	7.17	43	156749	51.519	ug/L	100
22) cis-1,2-Dichloroethene	7.16	96	153324	25.509	ug/L	97

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Quant Title : VOC Analysis
QLast Update : Mon Jun 24 11:05:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	64009	25.039	ug/L	97
25) Chloroform	7.67	83	262167	25.043	ug/L	99
27) 1,2-Dichloroethane	8.40	62	209332	25.519	ug/L	100
30) Cyclohexane	7.95	56	299233	25.114	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	195523	24.951	ug/L	99
32) Carbon tetrachloride	8.07	117	188041	25.404	ug/L	100
34) Benzene	8.32	78	599526	25.320	ug/L	100
35) Trichloroethene	9.09	95	150196	25.014	ug/L	99
36) Methylcyclohexane	9.33	83	275646	25.011	ug/L	100
40) 1,2-Dichloropropane	9.37	63	165546	25.402	ug/L	99
41) Bromodichloromethane	9.64	83	195797	25.601	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	256053	25.541	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	314610	52.021	ug/L	100
44) Toluene	10.38	91	626642	25.310	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	215454	25.998	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	113797	25.479	ug/L	98
47) Tetrachloroethene	10.86	164	113064	24.829	ug/L	96
49) 2-Hexanone	10.97	43	228516	53.111	ug/L	99
50) Dibromochloromethane	11.13	129	125691	25.558	ug/L	96
51) 1,2-Dibromoethane	11.23	107	111992	25.929	ug/L	99
52) Chlorobenzene	11.66	112	375001	25.170	ug/L	99
53) Ethylbenzene	11.73	91	701083	25.134	ug/L	99
54) m,p-Xylene	11.84	106	257614	25.451	ug/L	99
55) o-xylene	12.16	106	249871	25.726	ug/L	100
56) Styrene	12.18	104	426798	25.482	ug/L	99
57) Isopropylbenzene	12.46	105	672915	25.537	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	152331	26.085	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	117768	25.973	ug/L	100
62) Bromoform	12.35	173	73709	25.921	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	291270	25.183	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	294641	25.360	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	270268	25.265	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	28201	25.764	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	226561	25.736	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	197439	26.463	ug/L	100
69) Naphthalene	15.37	128	440997	27.698	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	180172	26.585	ug/L	99

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

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MSVOA_W
ClientSampleId :
VICV07

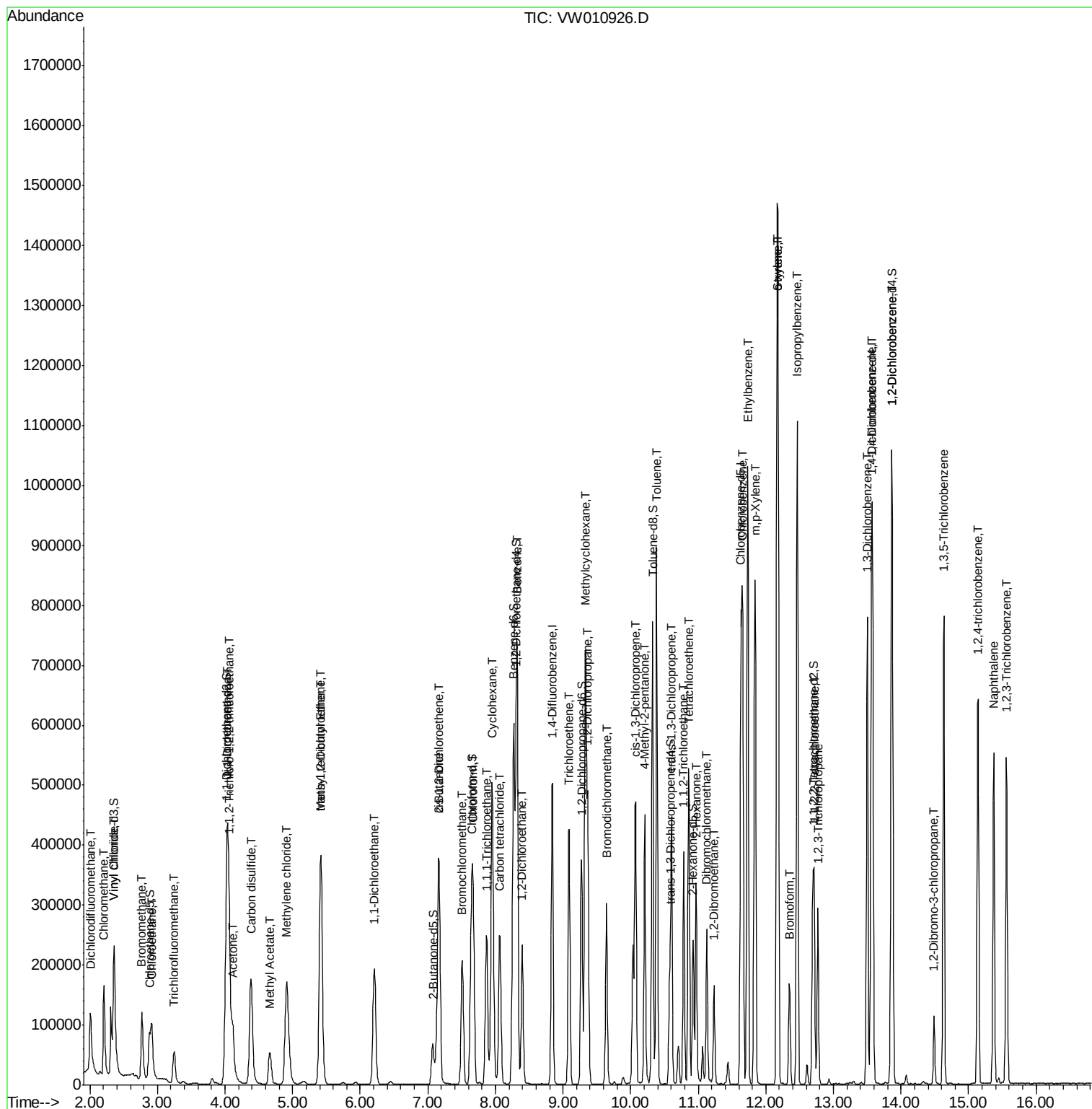
Quant Time: Jun 25 02:20:16 2019

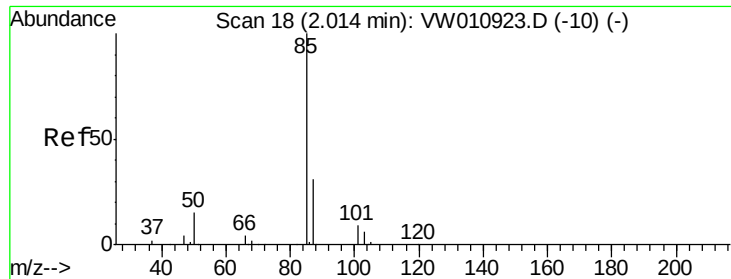
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M

Quant Title : VOC Analysis

QLast Update : Mon Jun 24 11:05:49 2019

Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 27.013 ug/L

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW010926.D

Acq: 24 Jun 2019 10:59

Instrument :

MSVOA_W

ClientSampleId :

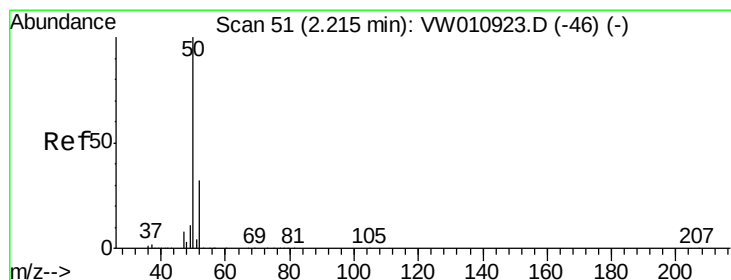
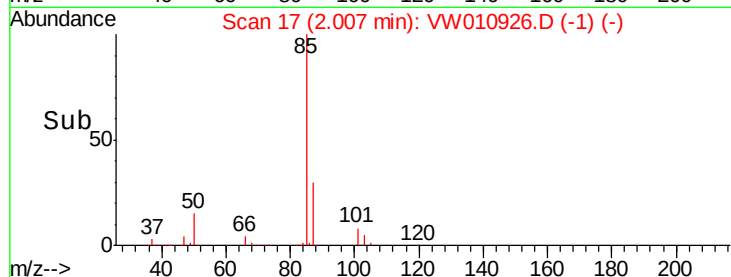
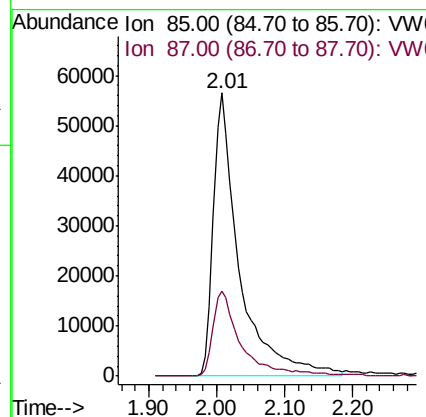
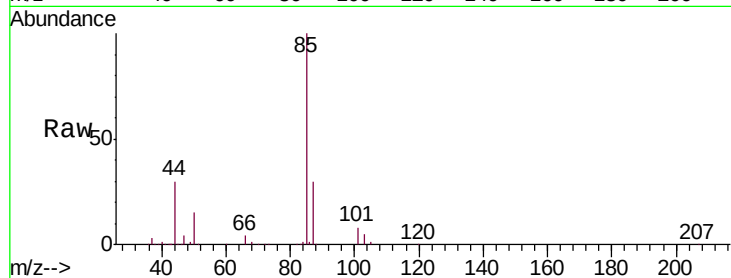
VICV07

Tgt Ion: 85 Resp: 150703

Ion Ratio Lower Upper

85 100

87 29.2 21.8 40.6



#3

Chloromethane

Concen: 25.155 ug/L

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW010926.D

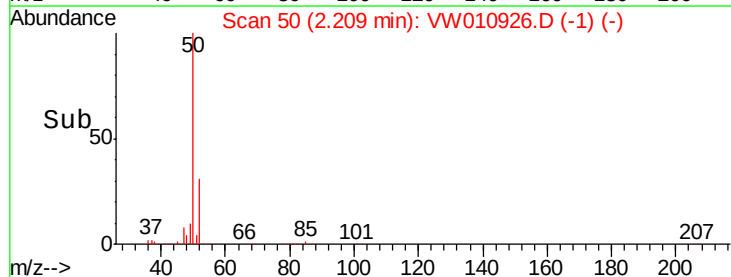
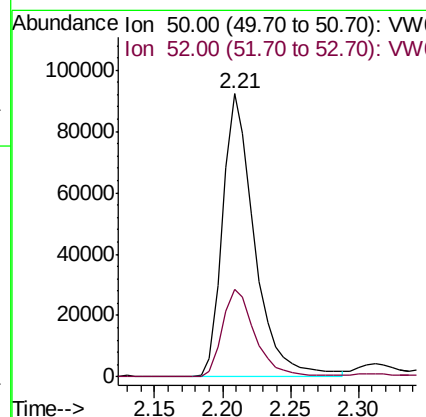
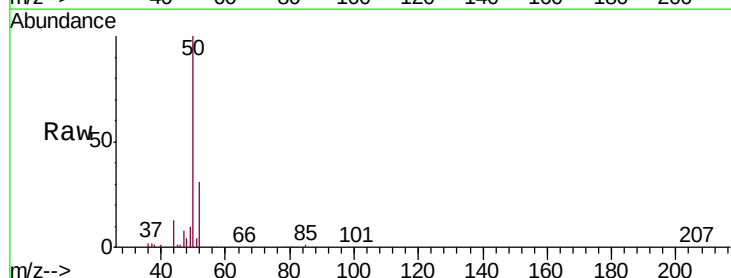
Acq: 24 Jun 2019 10:59

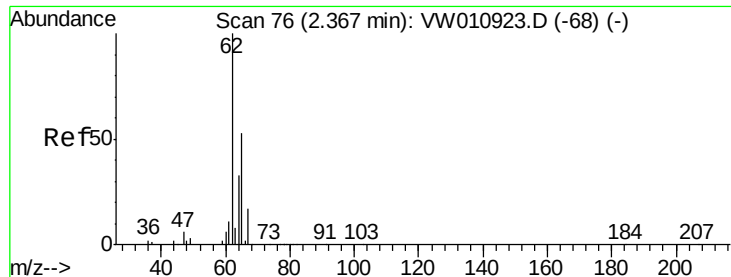
Tgt Ion: 50 Resp: 149208

Ion Ratio Lower Upper

50 100

52 31.1 22.3 41.5





#5

Vinyl chloride

Concen: 25.082 ug/L

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW010926.D

Acq: 24 Jun 2019 10:59

Instrument :

MSVOA_W

ClientSampled :

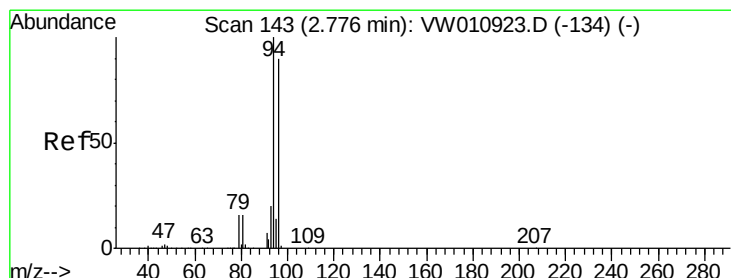
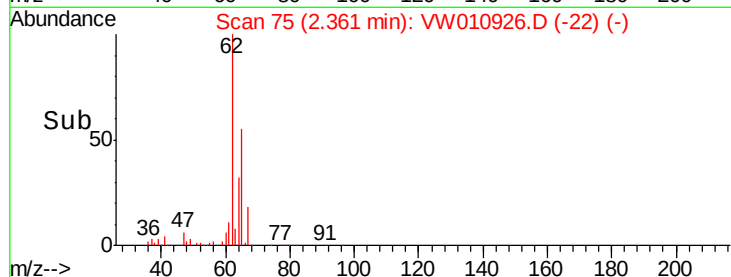
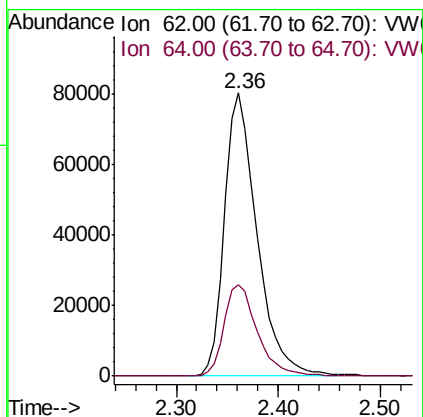
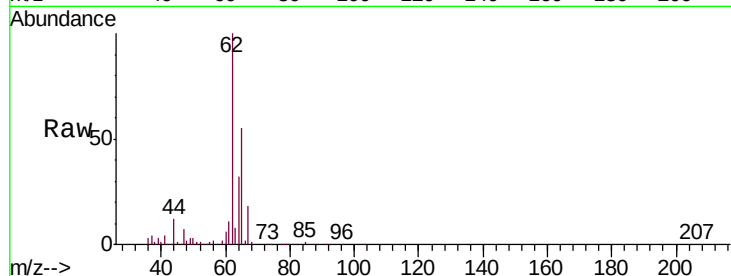
VICV07

Tgt Ion: 62 Resp: 177877

Ion Ratio Lower Upper

62 100

64 32.1 22.9 42.5



#6

Bromomethane

Concen: 25.077 ug/L

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW010926.D

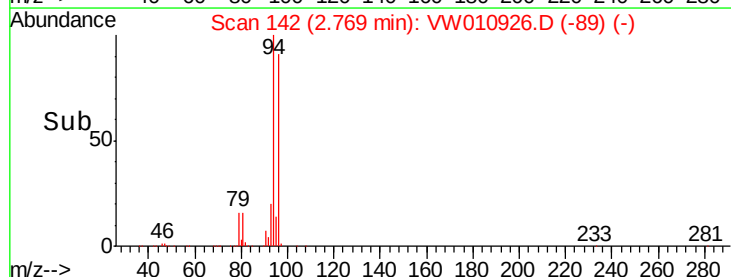
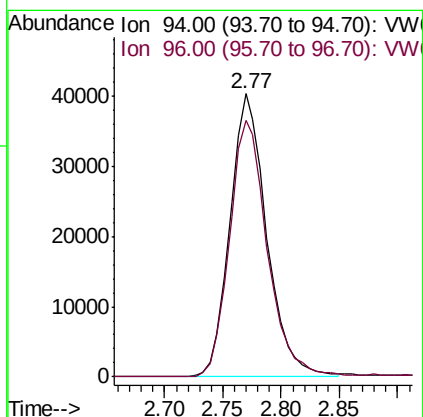
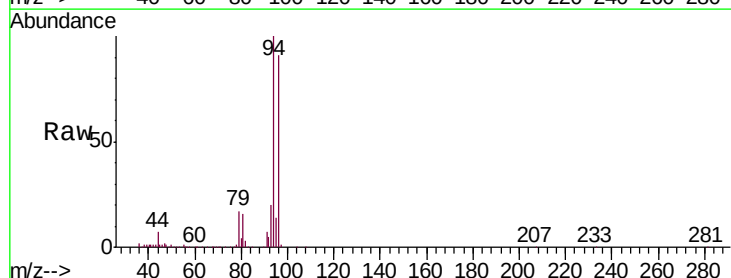
Acq: 24 Jun 2019 10:59

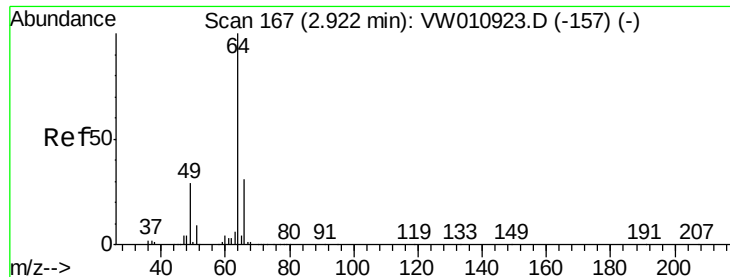
Tgt Ion: 94 Resp: 87781

Ion Ratio Lower Upper

94 100

96 93.9 9.2 175.8





#8

Chloroethane

Concen: 25.736 ug/L

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW010926.D

Acq: 24 Jun 2019 10:59

Instrument :

MSVOA_W

ClientSampleId :

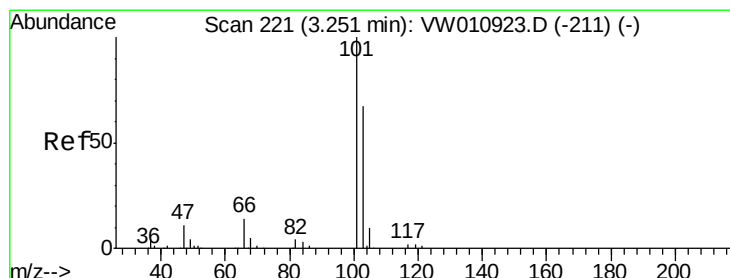
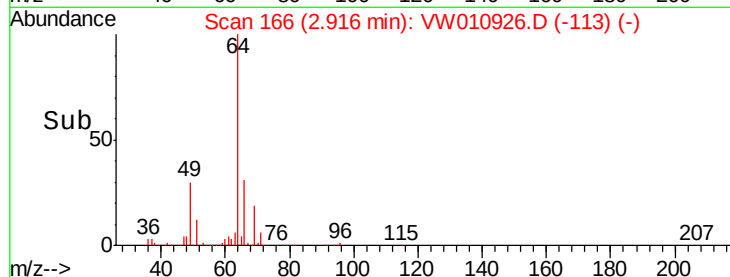
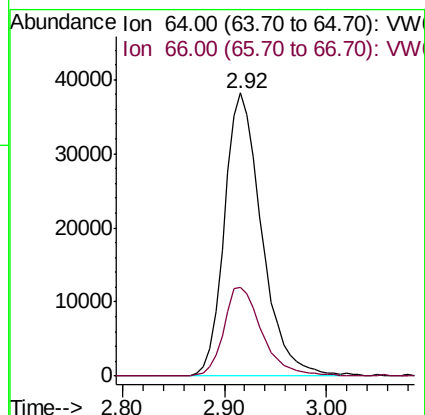
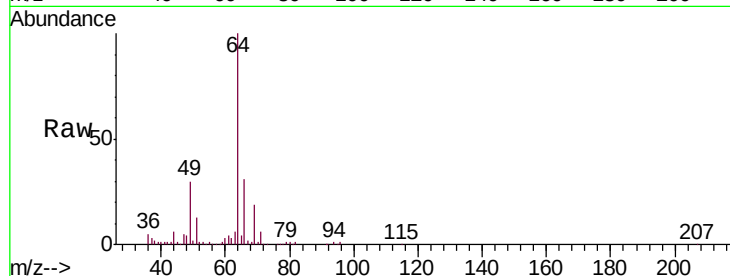
VICV07

Tgt Ion: 64 Resp: 96664

Ion Ratio Lower Upper

64 100

66 31.3 21.8 40.4



#9

Trichlorofluoromethane

Concen: 23.897 ug/L

RT: 3.25 min Scan# 220

Delta R.T. -0.01 min

Lab File: VW010926.D

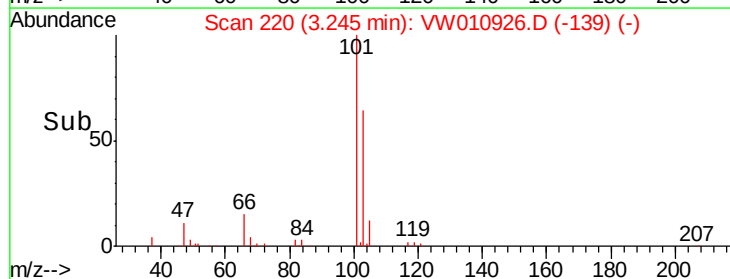
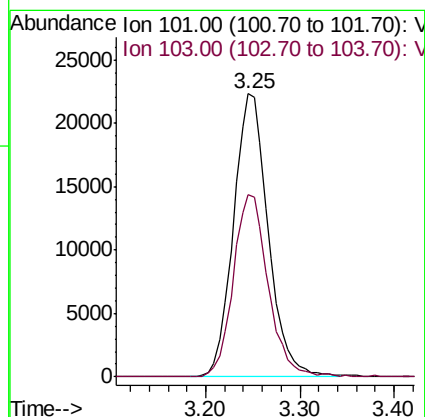
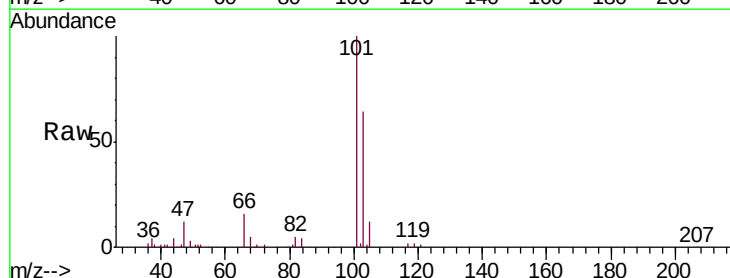
Acq: 24 Jun 2019 10:59

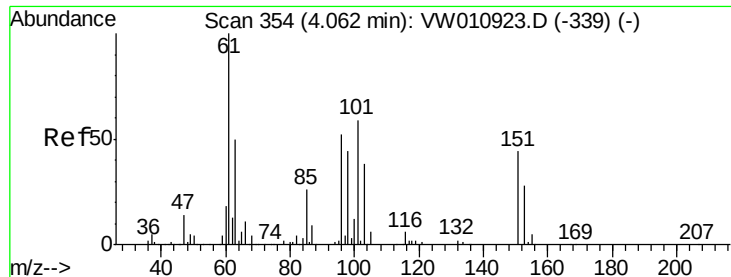
Tgt Ion: 101 Resp: 57233

Ion Ratio Lower Upper

101 100

103 64.1 46.4 86.2





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 24.766 ug/L

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW010926.D

Acq: 24 Jun 2019 10:59

Instrument :

MSVOA_W

ClientSampleId :

VICV07

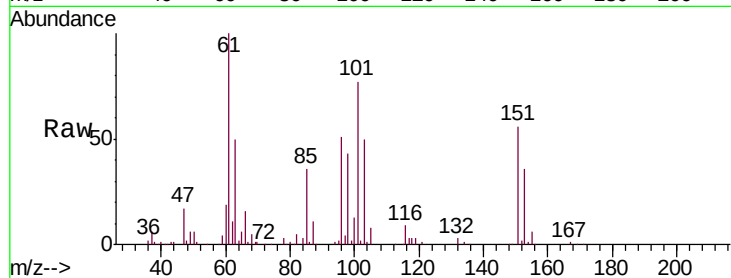
Tgt Ion:101 Resp: 137848

Ion Ratio Lower Upper

101 100

85 44.8 35.8 53.8

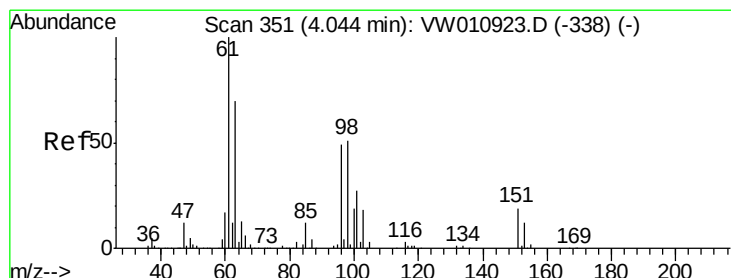
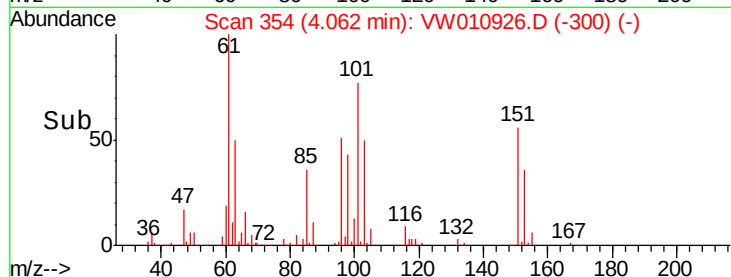
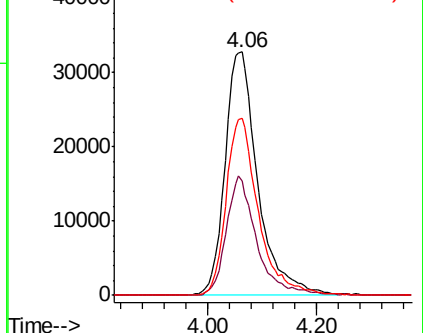
151 71.1 56.9 85.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 24.502 ug/L

RT: 4.04 min Scan# 350

Delta R.T. -0.01 min

Lab File: VW010926.D

Acq: 24 Jun 2019 10:59

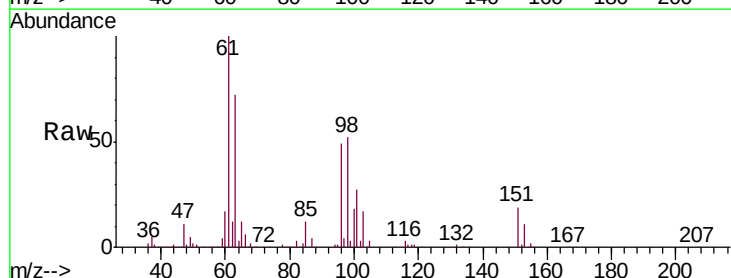
Tgt Ion: 96 Resp: 136120

Ion Ratio Lower Upper

96 100

61 202.4 144.5 268.3

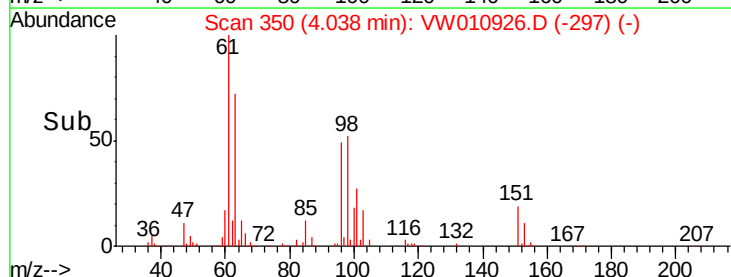
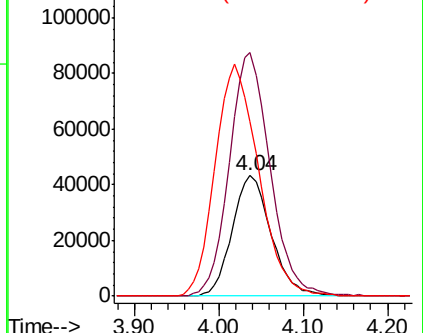
63 144.9 102.3 189.9

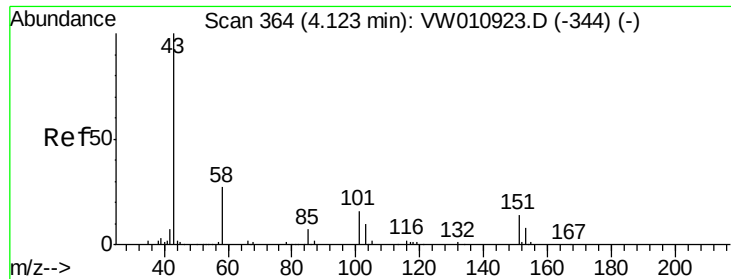


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 47.367 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

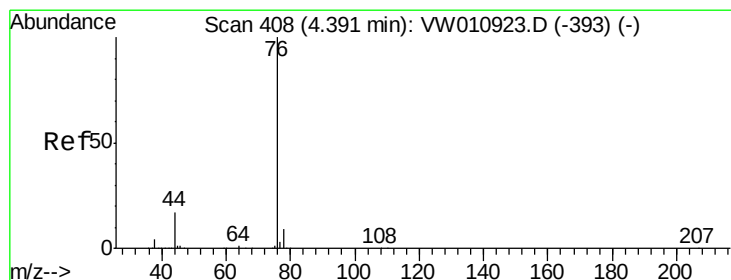
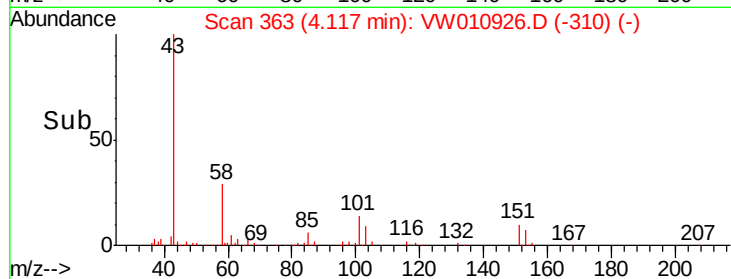
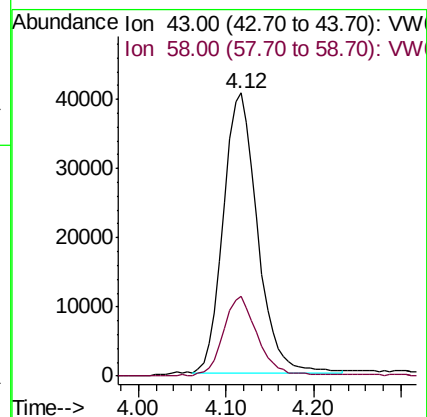
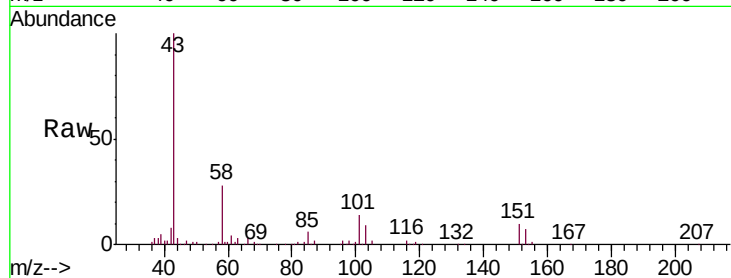
VICV07

Tgt Ion: 43 Resp: 109584

Ion Ratio Lower Upper

43 100

58 27.9 0.0 53.2



#14

Carbon disulfide

Concen: 25.330 ug/L

RT: 4.39 min Scan# 407

Delta R.T. -0.01 min

Lab File: VW010926.D

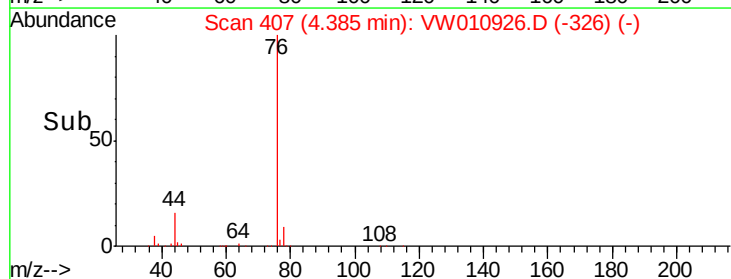
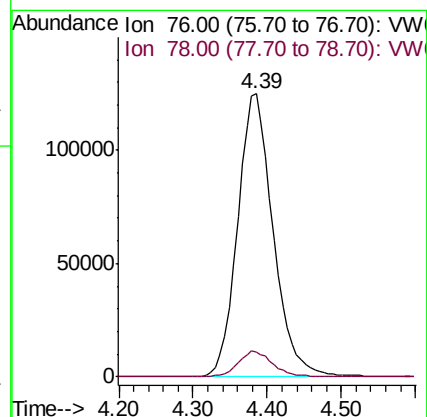
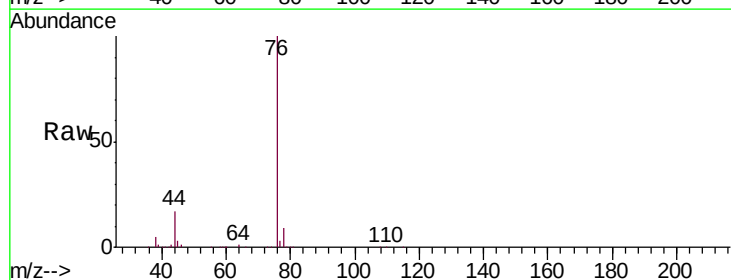
Acq: 24 Jun 2019 10:59

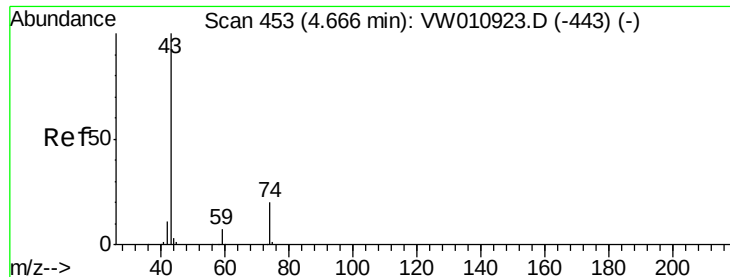
Tgt Ion: 76 Resp: 416642

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8





#15

Methyl Acetate

Concen: 26.916 ug/L

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW010926.D

Acq: 24 Jun 2019 10:59

Instrument :

MSVOA_W

ClientSampled :

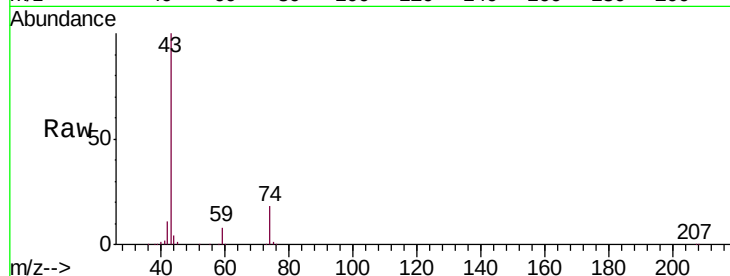
VICV07

Tgt Ion: 43 Resp: 107791

Ion Ratio Lower Upper

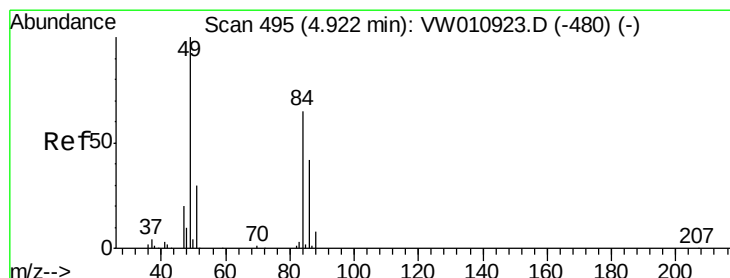
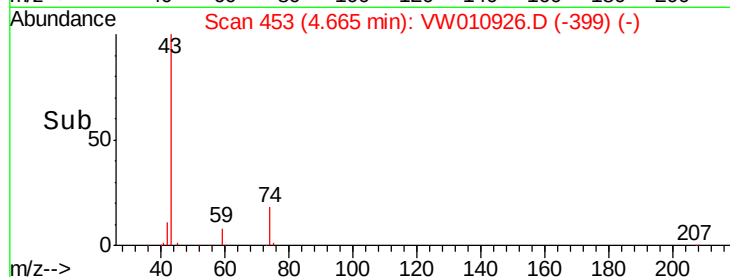
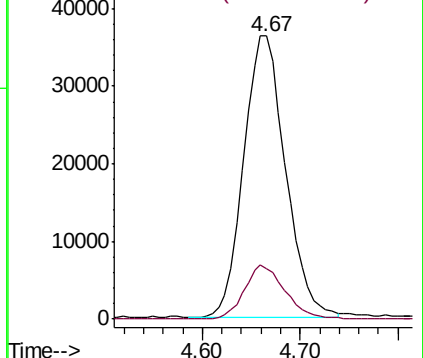
43 100

74 18.7 15.3 22.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



#16

Methylene chloride

Concen: 24.697 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW010926.D

Acq: 24 Jun 2019 10:59

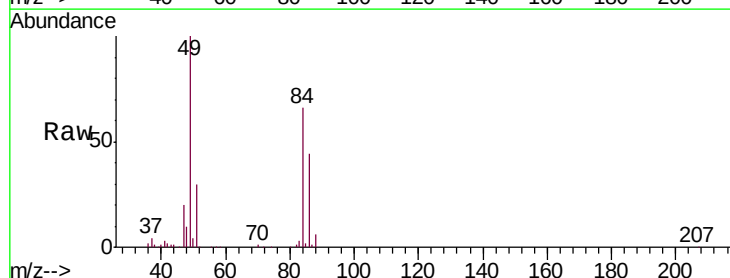
Tgt Ion: 84 Resp: 145167

Ion Ratio Lower Upper

84 100

49 151.0 107.0 198.8

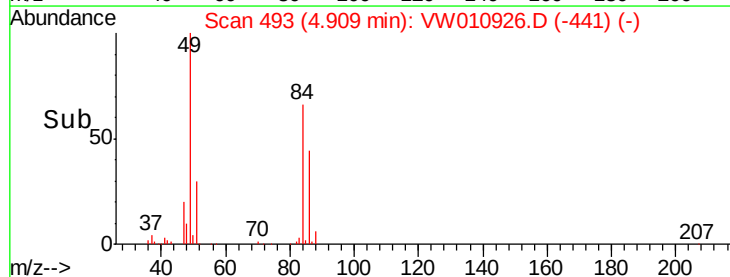
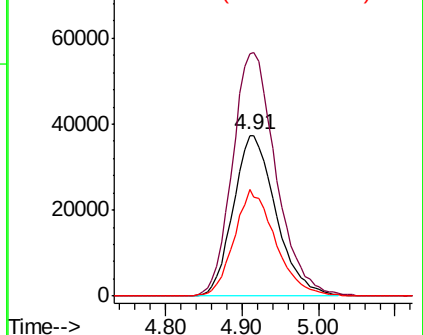
86 66.2 44.4 82.5

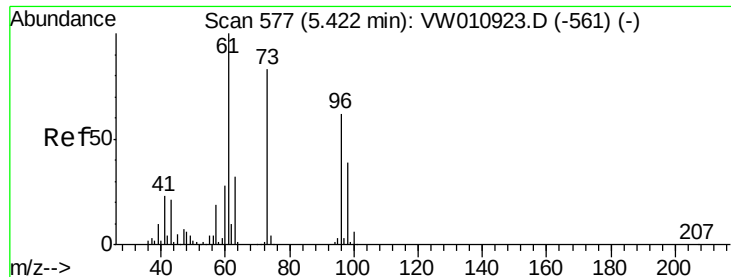


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

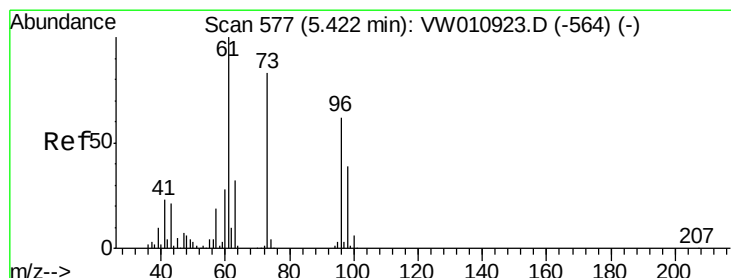
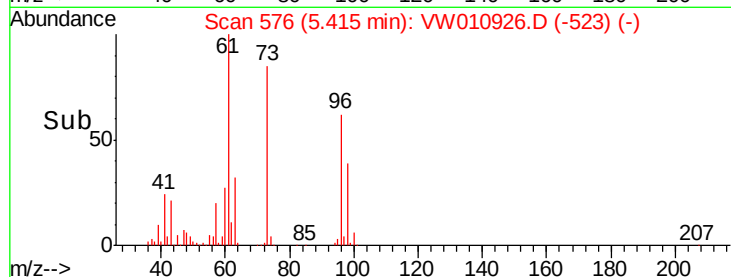
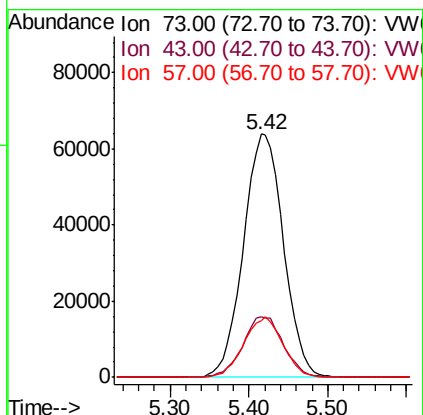
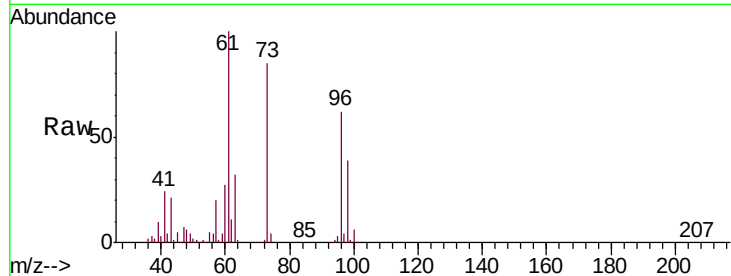




#17
Methyl tert-butyl Ether
Concen: 25.895 ug/L
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW010926.D
Acq: 24 Jun 2019 10:59

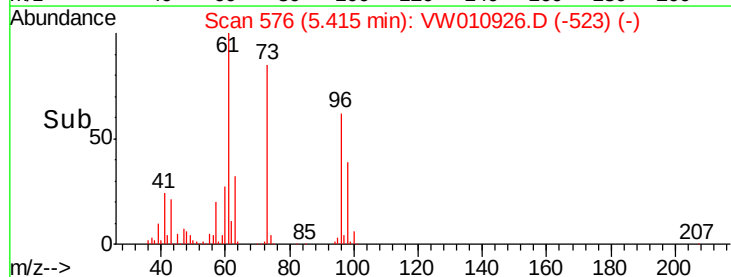
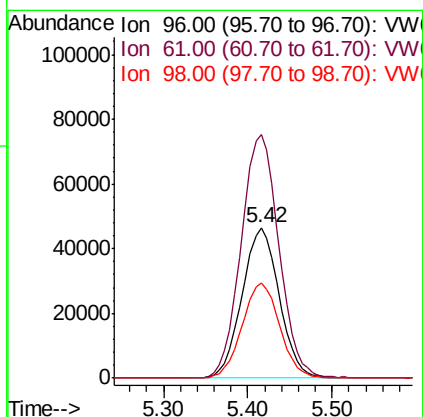
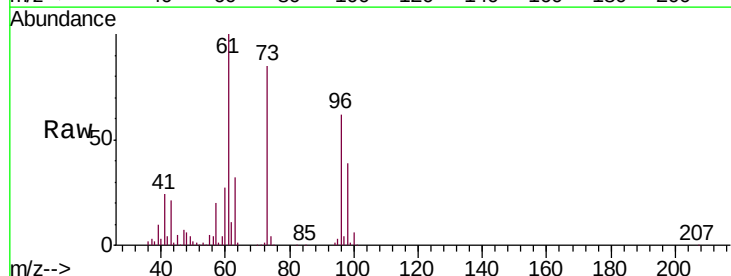
Instrument :
MSVOA_W
ClientSampled :
VICV07

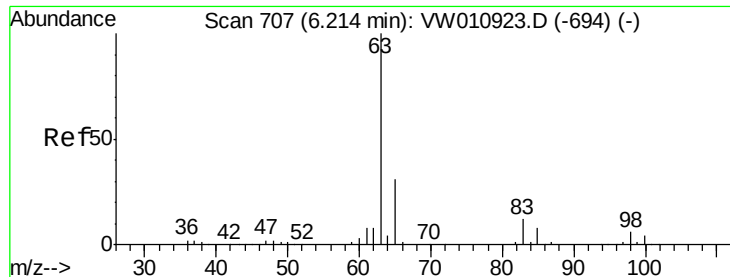
Tgt Ion: 73 Resp: 225241
Ion Ratio Lower Upper
73 100
43 24.9 20.2 30.2
57 24.2 19.4 29.0



#18
trans-1,2-Dichloroethene
Concen: 24.936 ug/L
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW010926.D
Acq: 24 Jun 2019 10:59

Tgt Ion: 96 Resp: 139299
Ion Ratio Lower Upper
96 100
61 162.1 113.3 210.3
98 63.2 44.1 81.9

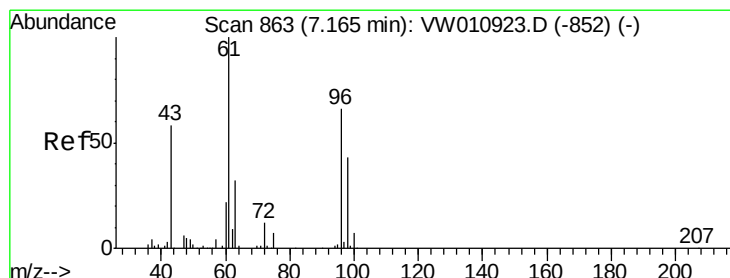
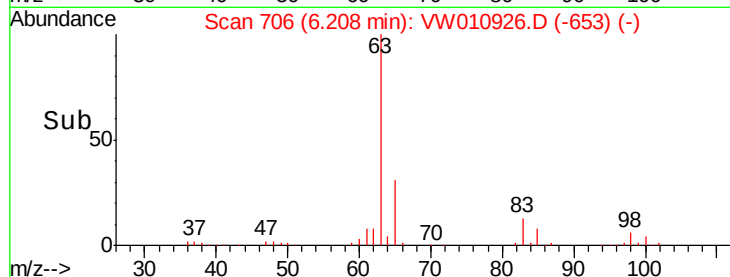
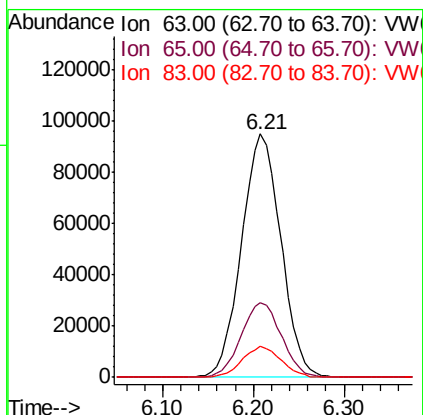
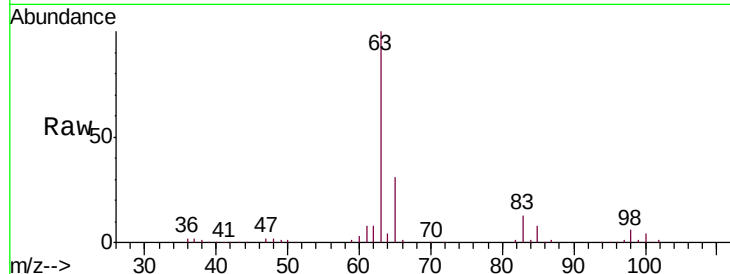




#19
 1,1-Dichloroethane
 Concen: 25.026 ug/L
 RT: 6.21 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: VW010926.D
 Acq: 24 Jun 2019 10:59

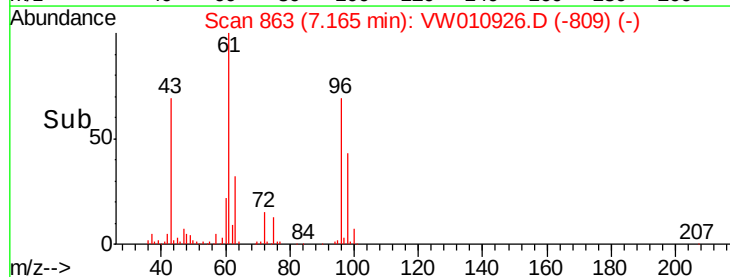
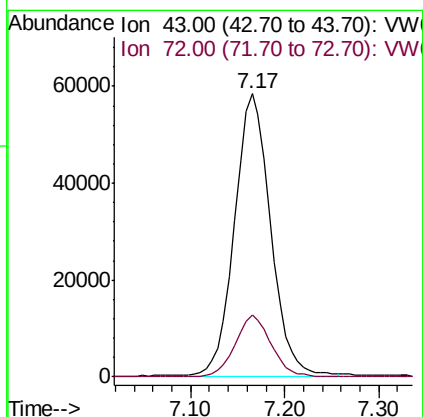
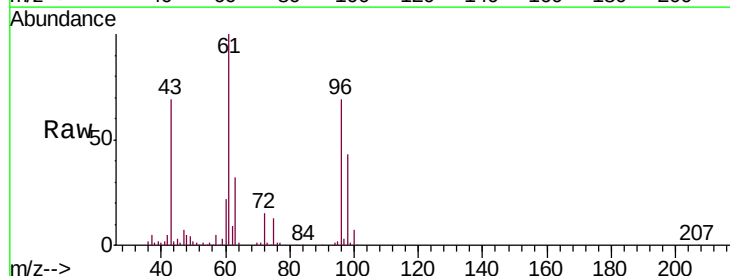
Instrument :
 MSVOA_W
 ClientSampled :
 VICV07

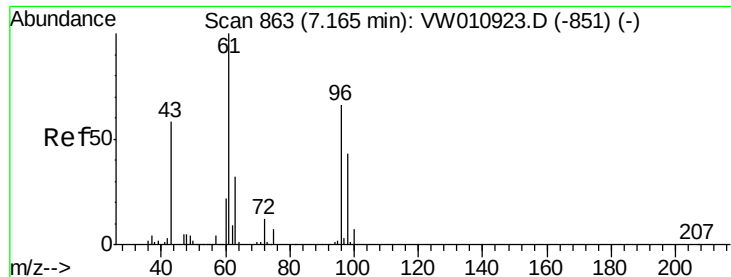
Tgt Ion: 63 Resp: 285538
 Ion Ratio Lower Upper
 63 100
 65 30.8 21.3 39.6
 83 13.0 8.5 15.9



#21
 2-Butanone
 Concen: 51.519 ug/L
 RT: 7.17 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW010926.D
 Acq: 24 Jun 2019 10:59

Tgt Ion: 43 Resp: 156749
 Ion Ratio Lower Upper
 43 100
 72 21.5 10.9 32.6



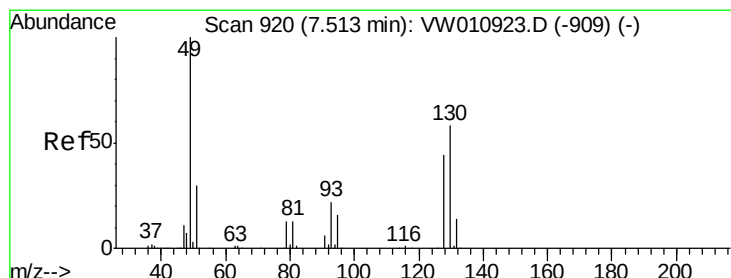
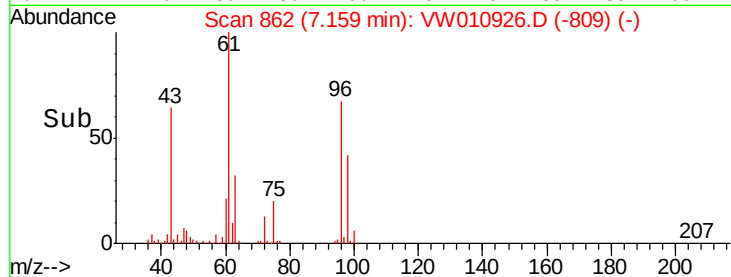
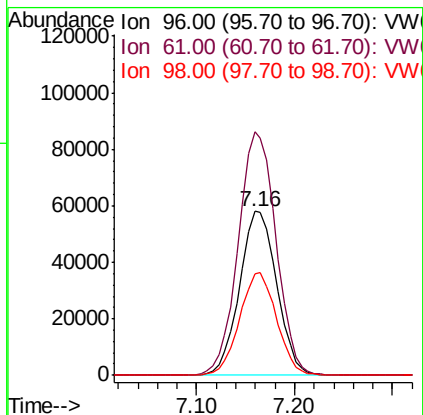
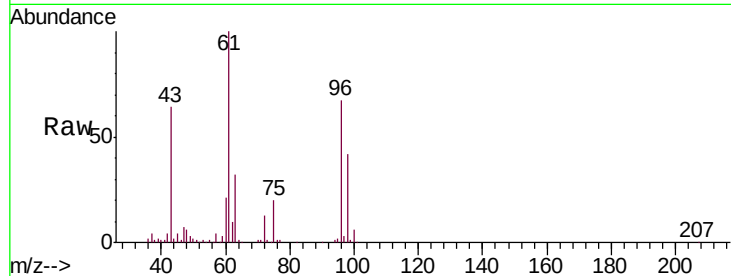


#22

cis-1,2-Dichloroethene
 Concen: 25.509 ug/L
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VW010926.D
 Acq: 24 Jun 2019 10:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV07

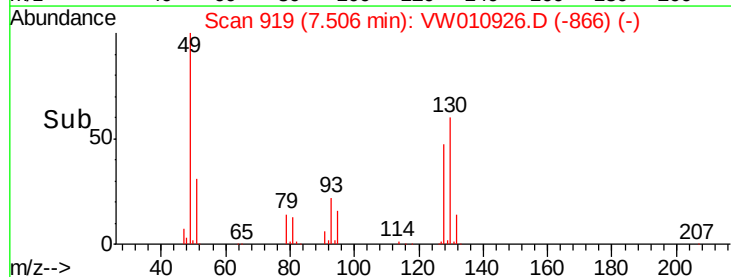
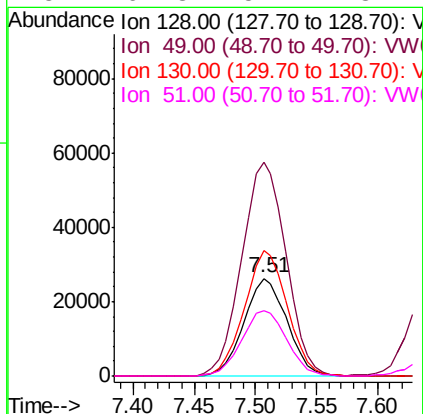
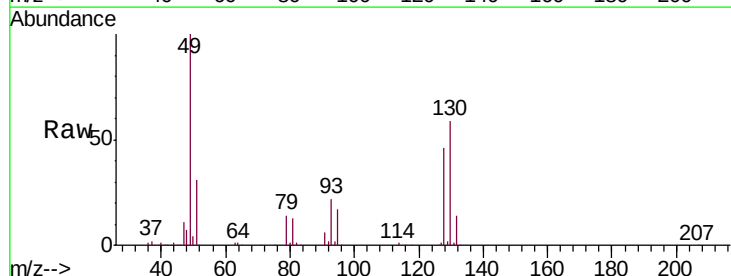
Tgt Ion: 96 Resp: 153324
 Ion Ratio Lower Upper
 96 100
 61 148.6 106.5 197.7
 98 62.2 45.5 84.5

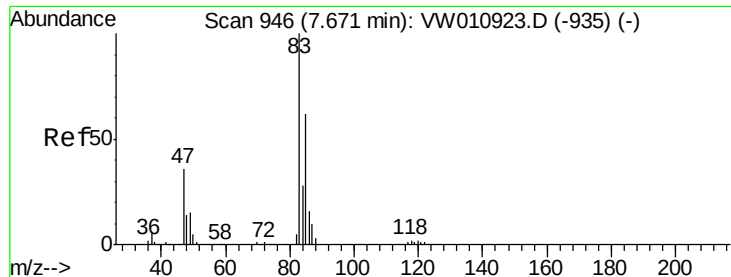


#23

Bromochloromethane
 Concen: 25.039 ug/L
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW010926.D
 Acq: 24 Jun 2019 10:59

Tgt Ion: 128 Resp: 64009
 Ion Ratio Lower Upper
 128 100
 49 219.2 157.7 292.9
 130 128.5 91.6 170.0
 51 67.3 54.2 81.2





#25

Chloroform

Concen: 25.043 ug/L

RT: 7.67 min Scan# 946

Delta R.T. -0.00 min

Lab File: VW010926.D

Acq: 24 Jun 2019 10:59

Instrument :

MSVOA_W

ClientSampled :

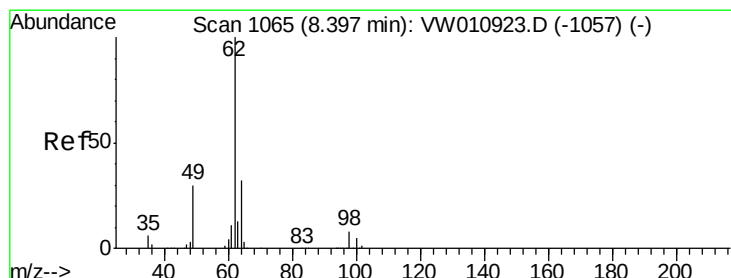
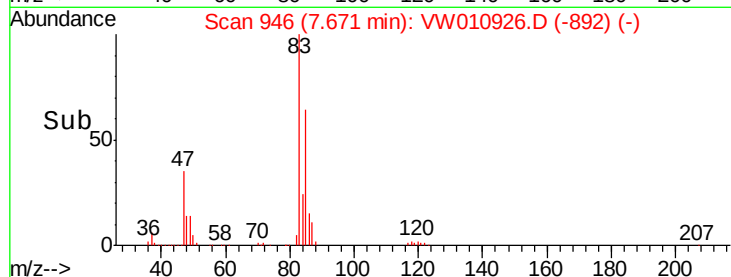
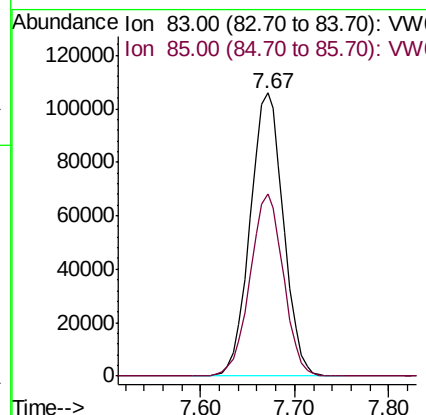
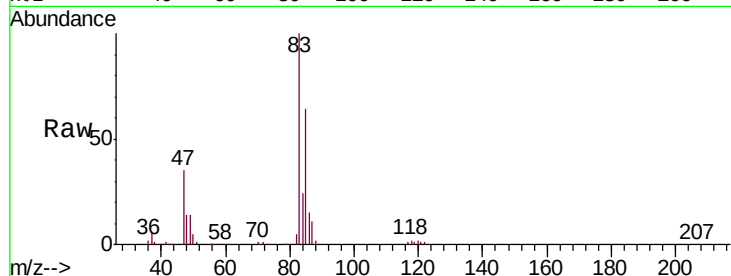
VICV07

Tgt Ion: 83 Resp: 262167

Ion Ratio Lower Upper

83 100

85 64.5 45.6 84.8



#27

1,2-Dichloroethane

Concen: 25.519 ug/L

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW010926.D

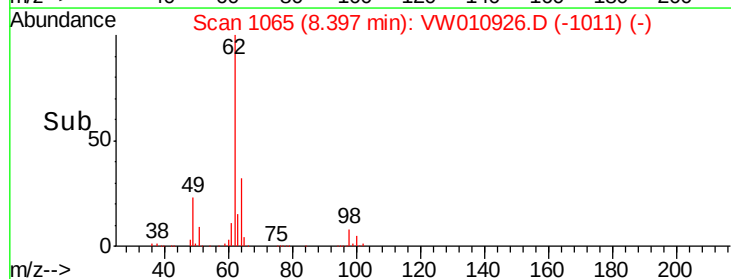
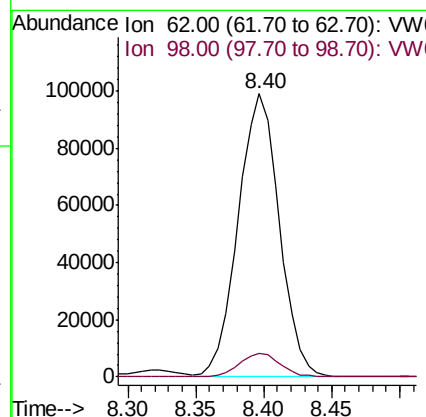
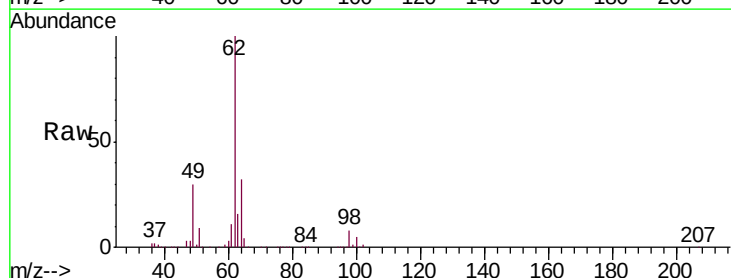
Acq: 24 Jun 2019 10:59

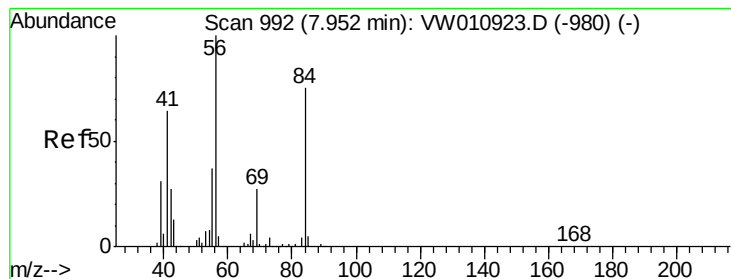
Tgt Ion: 62 Resp: 209332

Ion Ratio Lower Upper

62 100

98 8.4 6.7 10.1





#30

Cyclohexane

Concen: 25.114 ug/L

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010926.D

Acq: 24 Jun 2019 10:59

Instrument :

MSVOA_W

ClientSampleId :

VICV07

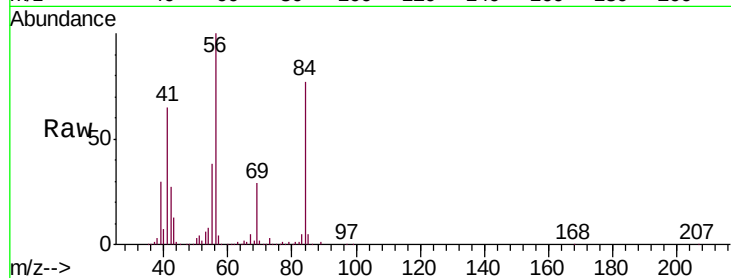
Tgt Ion: 56 Resp: 299233

Ion Ratio Lower Upper

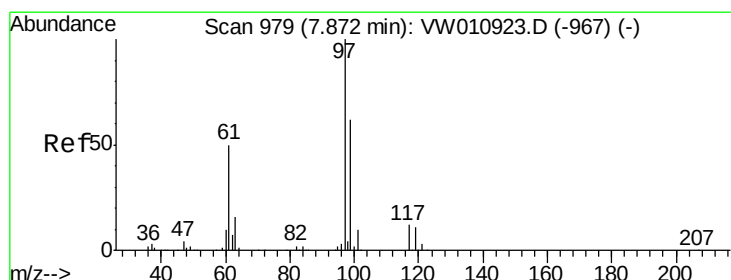
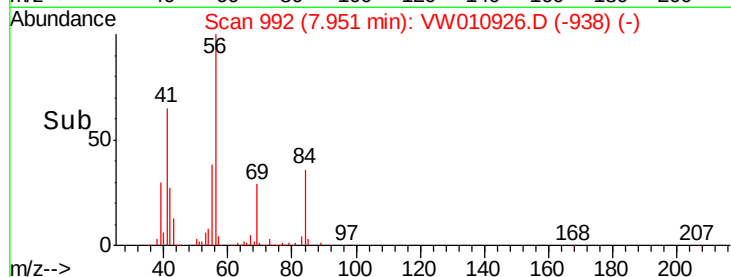
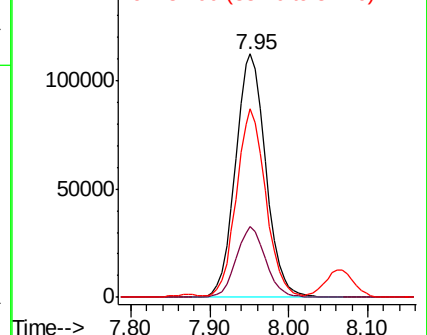
56 100

69 28.1 22.2 33.4

84 75.4 60.3 90.5



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



#31

1,1,1-Trichloroethane

Concen: 24.951 ug/L

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW010926.D

Acq: 24 Jun 2019 10:59

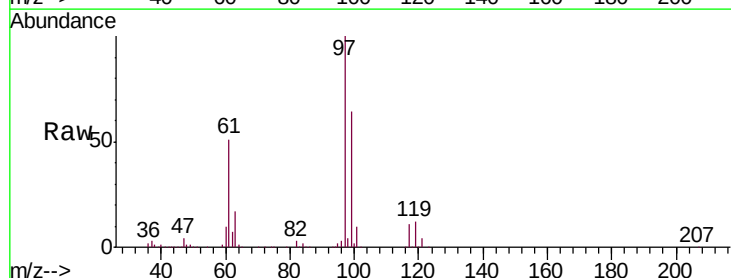
Tgt Ion: 97 Resp: 195523

Ion Ratio Lower Upper

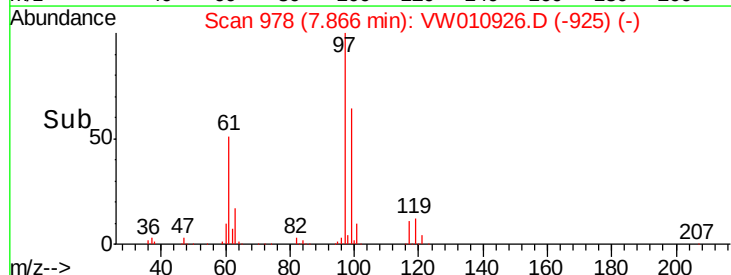
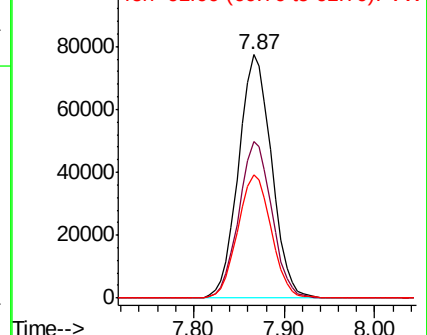
97 100

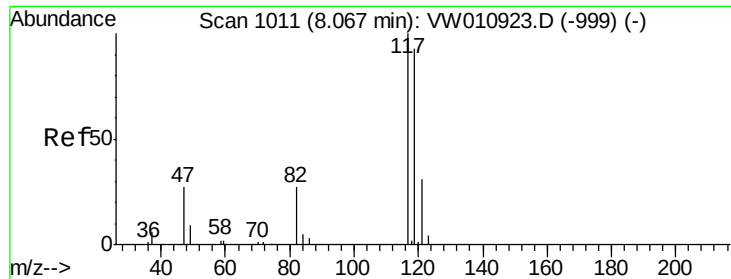
99 64.4 50.7 76.1

61 51.7 41.2 61.8



Abundance Ion 97.00 (96.70 to 97.70): VW
Ion 99.00 (98.70 to 99.70): VW
Ion 61.00 (60.70 to 61.70): VW





#32

Carbon tetrachloride

Concen: 25.404 ug/L

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW010926.D

Acq: 24 Jun 2019 10:59

Instrument :

MSVOA_W

ClientSampleId :

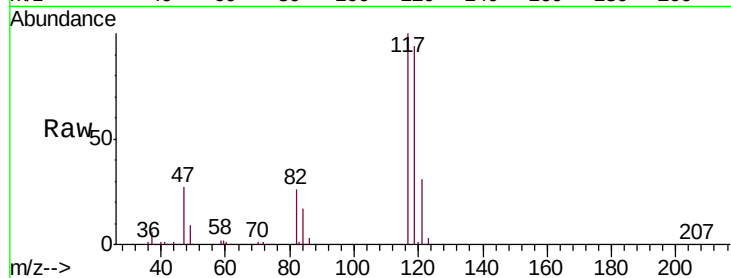
VICV07

Tgt Ion:117 Resp: 188041

Ion Ratio Lower Upper

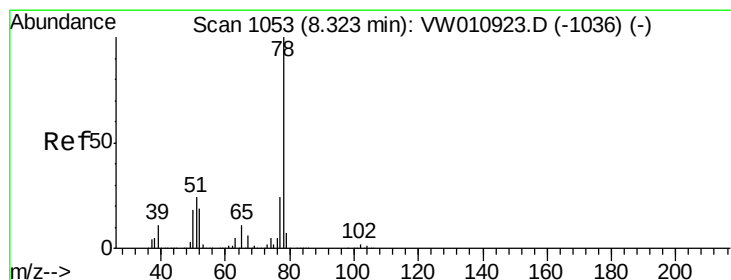
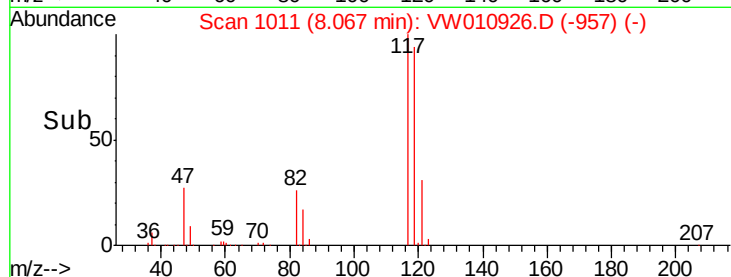
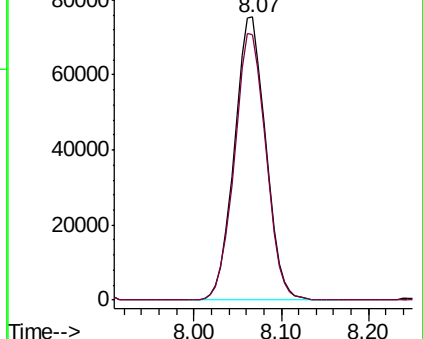
117 100

119 94.7 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Benzene

Concen: 25.320 ug/L

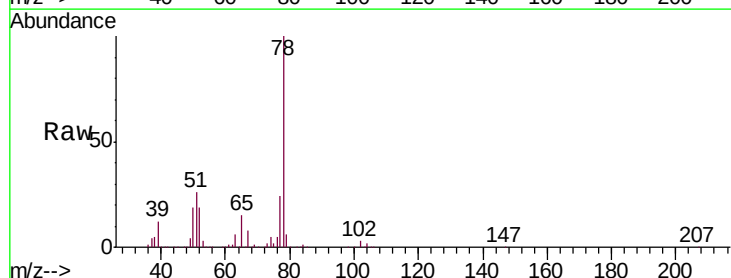
RT: 8.32 min Scan# 1052

Delta R.T. -0.01 min

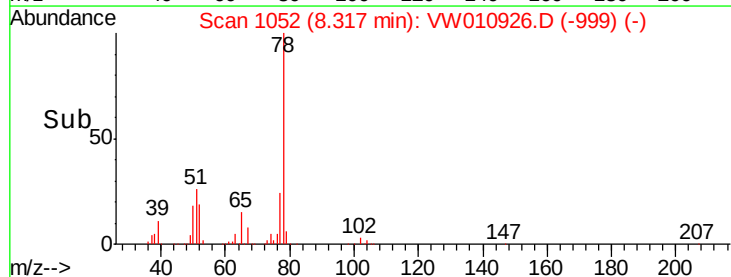
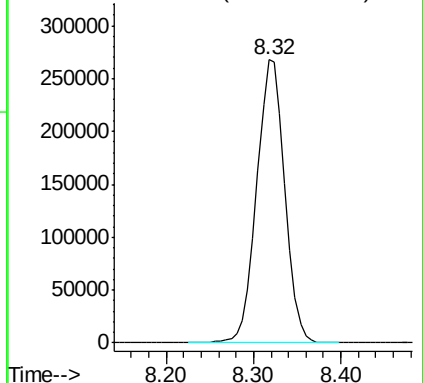
Lab File: VW010926.D

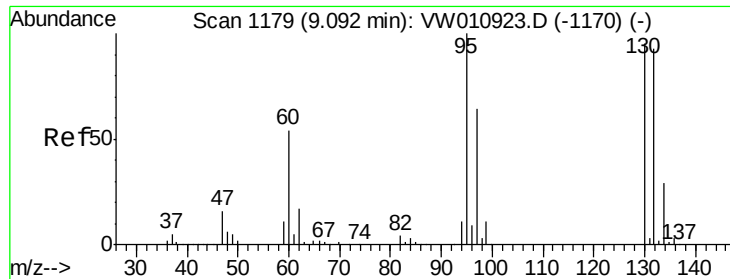
Acq: 24 Jun 2019 10:59

Tgt Ion: 78 Resp: 599526



Abundance Ion 78.00 (77.70 to 78.70): VW





#35

Trichloroethene

Concen: 25.014 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW010926.D

Acq: 24 Jun 2019 10:59

Instrument :

MSVOA_W

ClientSampleId :

VICV07

Tgt Ion: 95 Resp: 150196

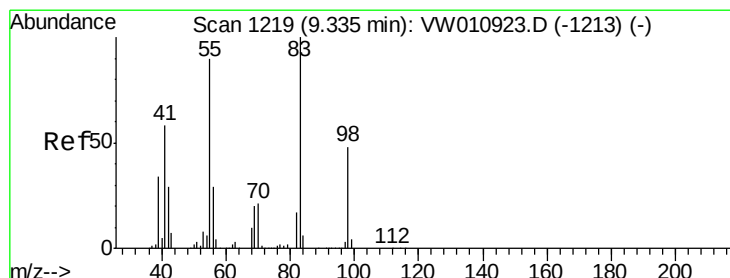
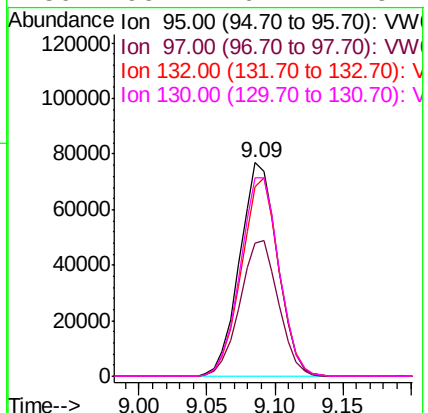
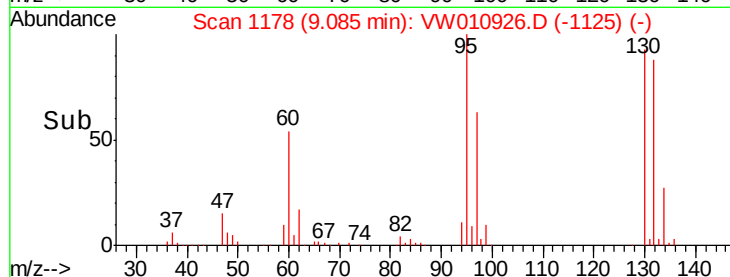
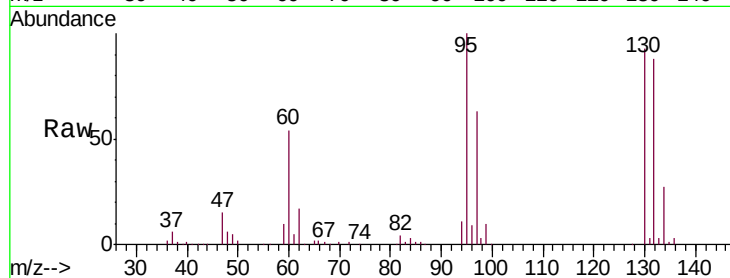
Ion Ratio Lower Upper

95 100

97 64.4 44.9 83.3

132 91.8 64.0 119.0

130 95.4 67.4 125.2



#36

Methylcyclohexane

Concen: 25.011 ug/L

RT: 9.33 min Scan# 1218

Delta R.T. -0.01 min

Lab File: VW010926.D

Acq: 24 Jun 2019 10:59

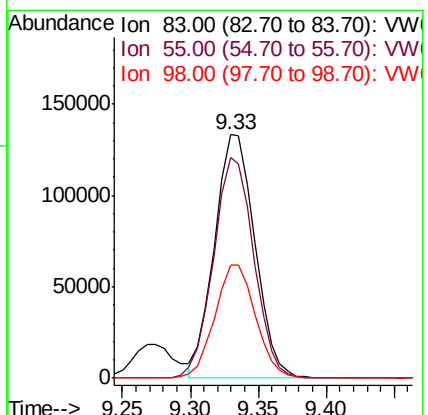
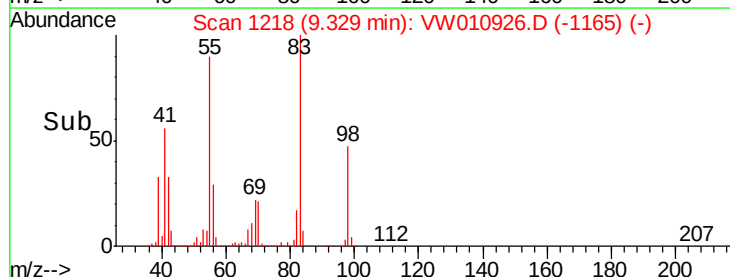
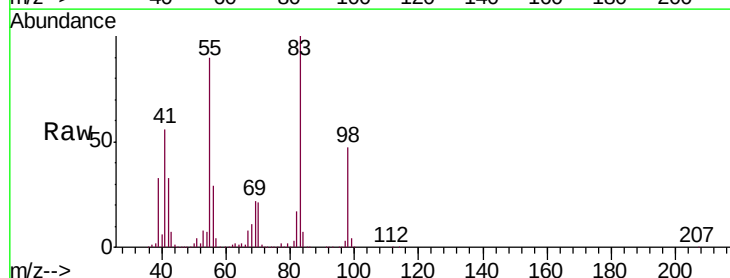
Tgt Ion: 83 Resp: 275646

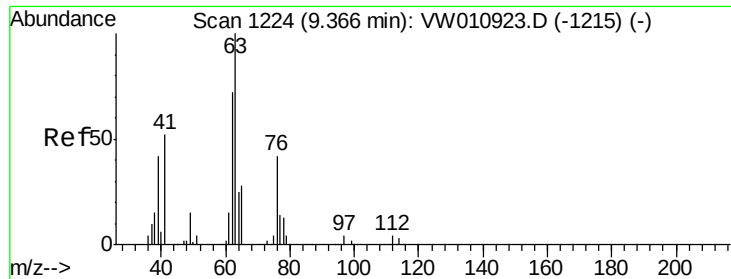
Ion Ratio Lower Upper

83 100

55 90.5 72.2 108.2

98 46.9 37.8 56.8

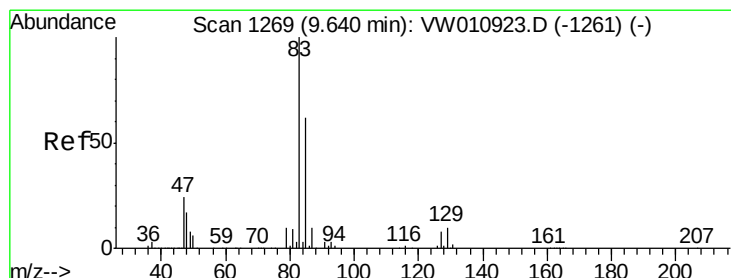
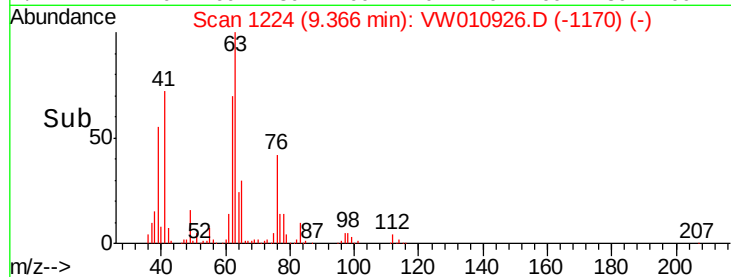
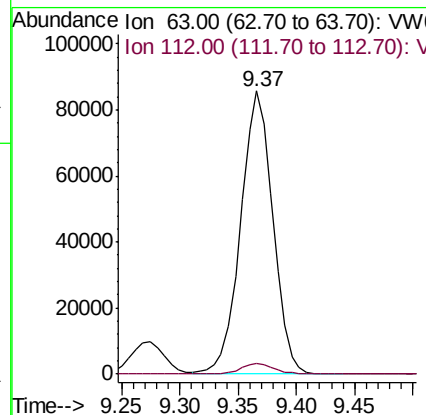
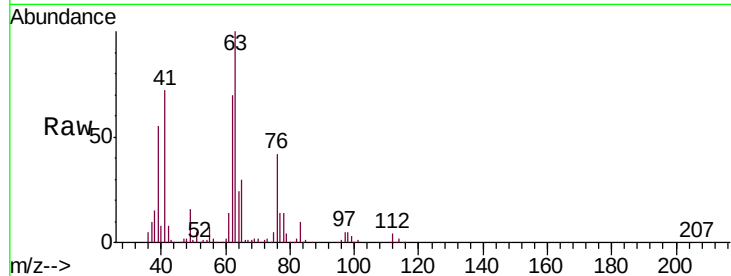




#40
 1,2-Dichloropropane
 Concen: 25.402 ug/L
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW010926.D
 Acq: 24 Jun 2019 10:59

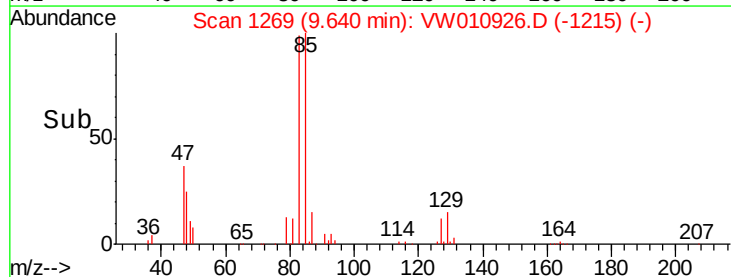
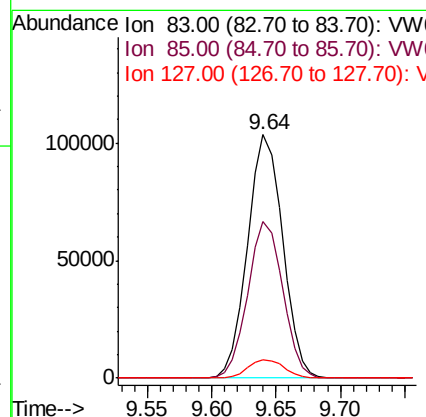
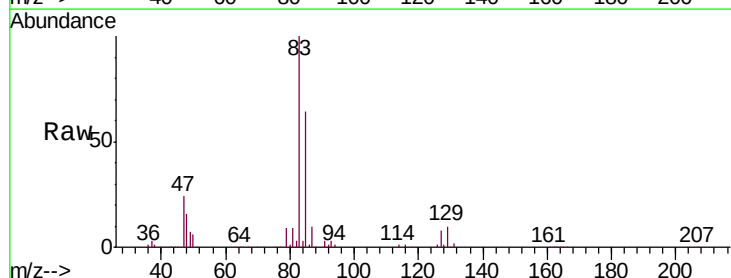
Instrument :
 MSVOA_W
 ClientSampleId :
 VICV07

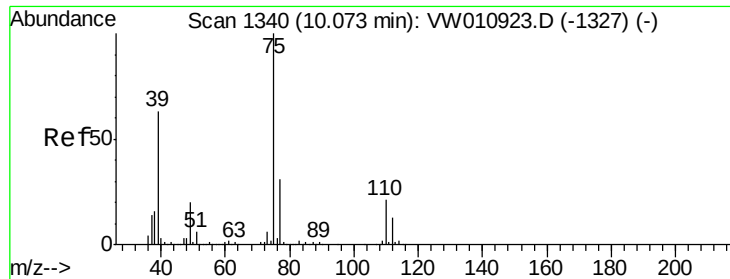
Tgt Ion: 63 Resp: 165546
 Ion Ratio Lower Upper
 63 100
 112 3.9 3.3 4.9



#41
 Bromodichloromethane
 Concen: 25.601 ug/L
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VW010926.D
 Acq: 24 Jun 2019 10:59

Tgt Ion: 83 Resp: 195797
 Ion Ratio Lower Upper
 83 100
 85 64.1 43.1 80.1
 127 7.7 6.0 9.0





#42

cis-1,3-Dichloropropene

Concen: 25.541 ug/L

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW010926.D

Acq: 24 Jun 2019 10:59

Instrument :

MSVOA_W

ClientSampled :

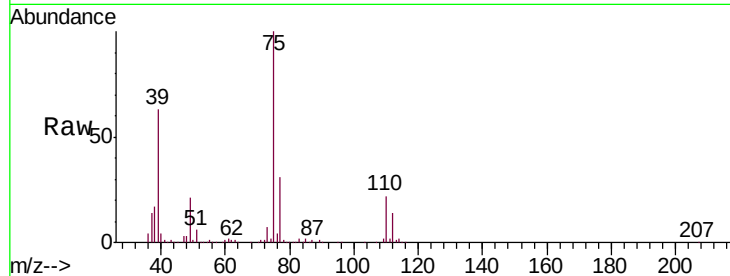
VICV07

Tgt Ion: 75 Resp: 256053

Ion Ratio Lower Upper

75 100

77 31.3 21.3 39.6



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.07

150000

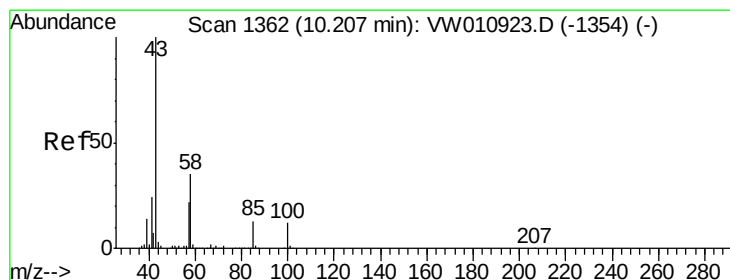
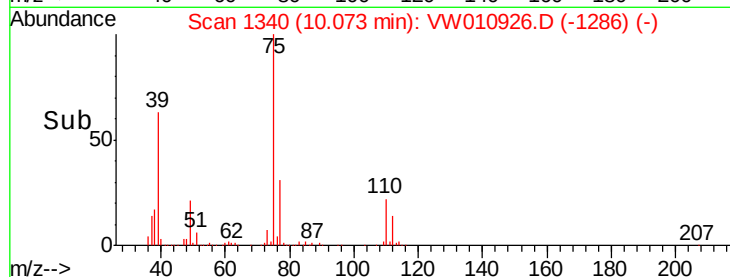
100000

50000

0

Time-->

10.00 10.10



#43

4-Methyl-2-pentanone

Concen: 52.021 ug/L

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW010926.D

Acq: 24 Jun 2019 10:59

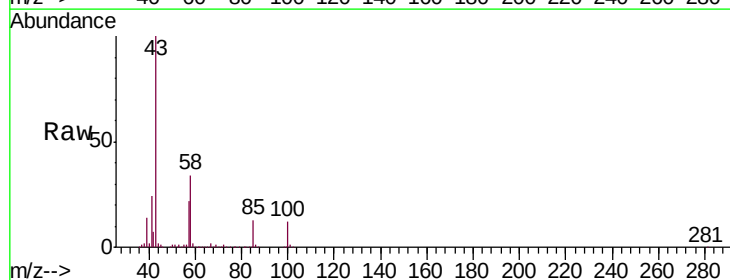
Tgt Ion: 43 Resp: 314610

Ion Ratio Lower Upper

43 100

58 34.5 27.5 41.3

100 11.9 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 100.00 (99.70 to 100.70): VW

250000

200000

150000

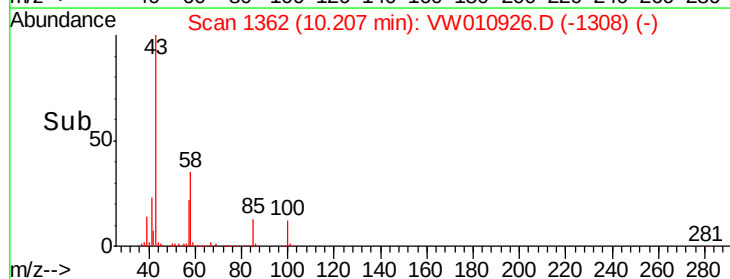
100000

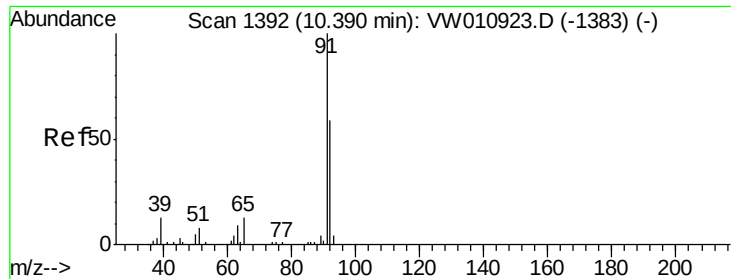
50000

0

Time-->

10.10 10.20 10.30





#44

Toluene

Concen: 25.310 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW010926.D

Acq: 24 Jun 2019 10:59

Instrument :

MSVOA_W

ClientSampleId :

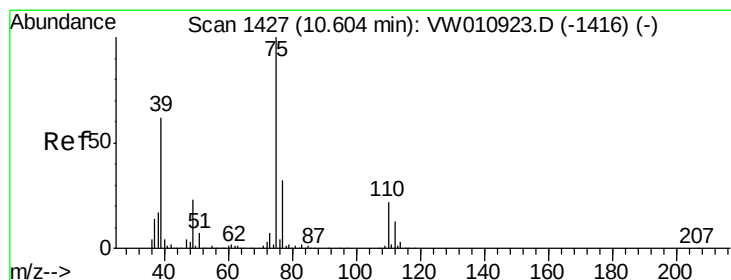
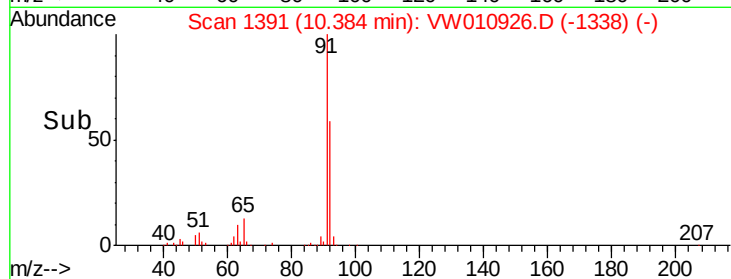
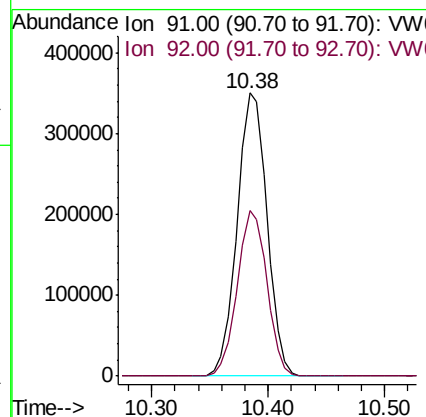
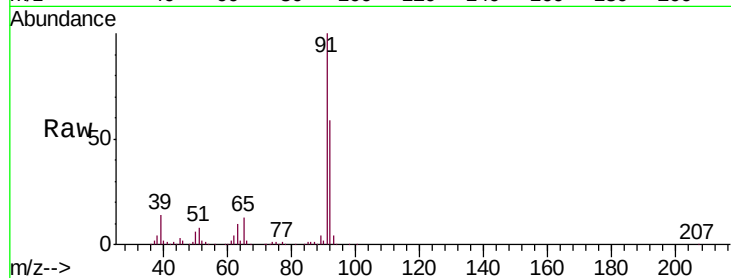
VICV07

Tgt Ion: 91 Resp: 626642

Ion Ratio Lower Upper

91 100

92 58.7 41.2 76.4



#45

trans-1,3-Dichloropropene

Concen: 25.998 ug/L

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW010926.D

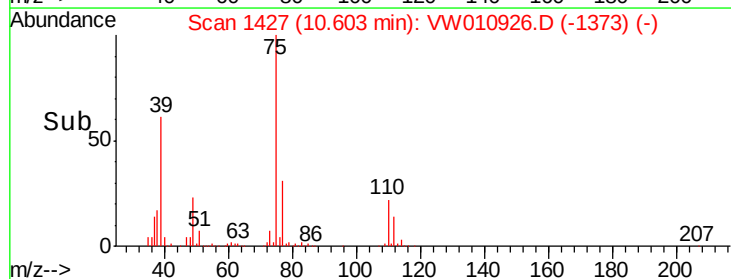
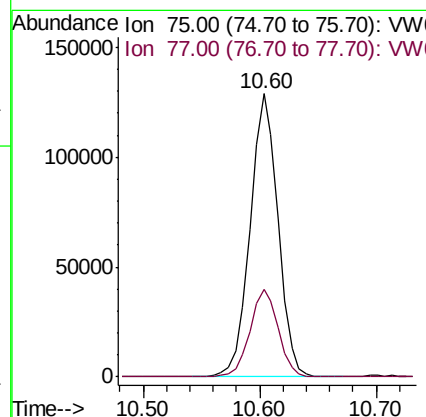
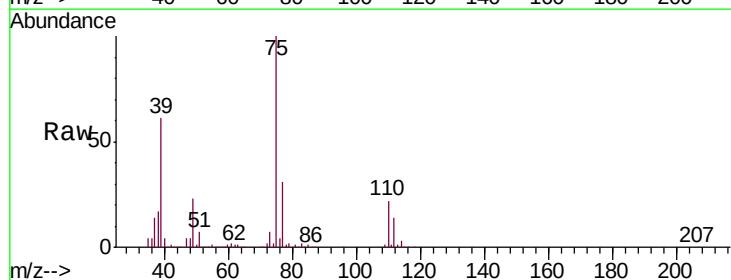
Acq: 24 Jun 2019 10:59

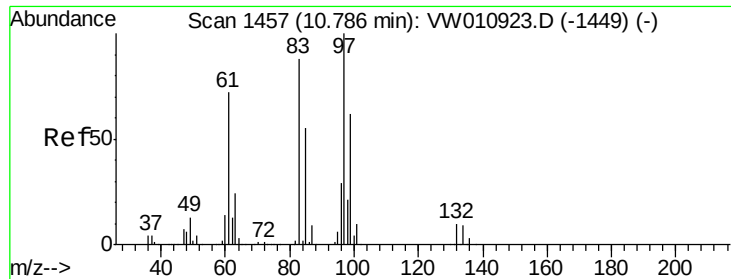
Tgt Ion: 75 Resp: 215454

Ion Ratio Lower Upper

75 100

77 30.8 22.6 42.0

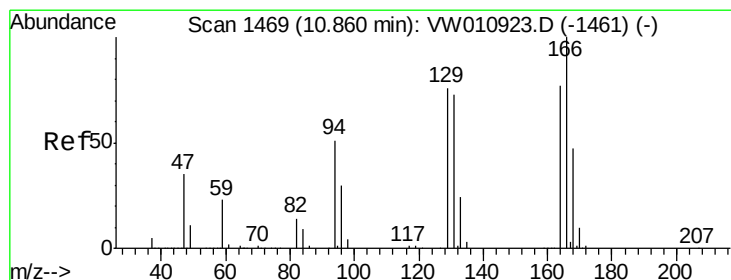
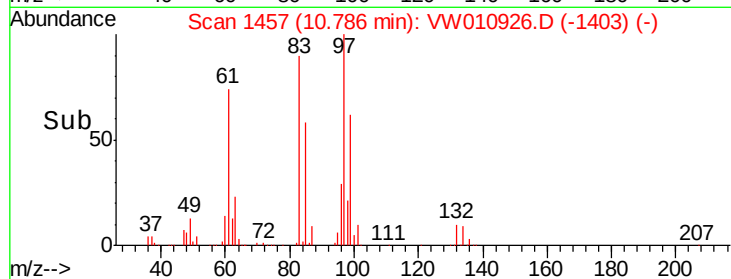
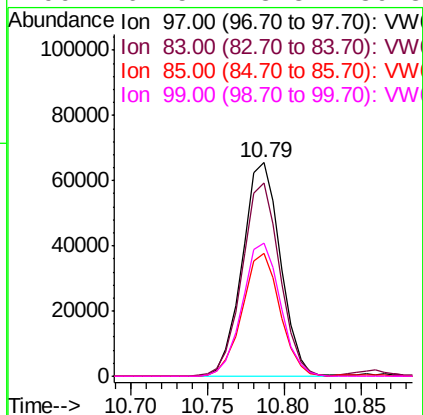
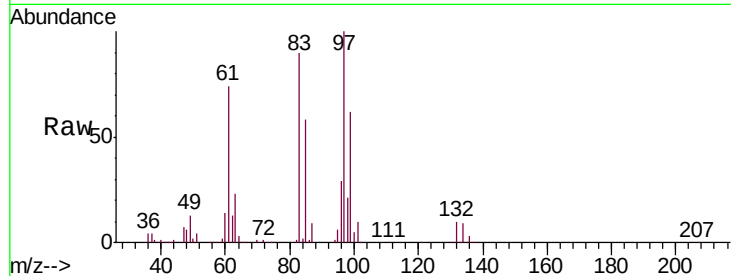




#46
 1,1,2-Trichloroethane
 Concen: 25.479 ug/L
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010926.D
 Acq: 24 Jun 2019 10:59

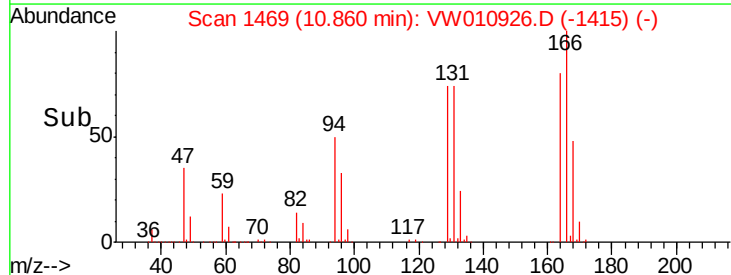
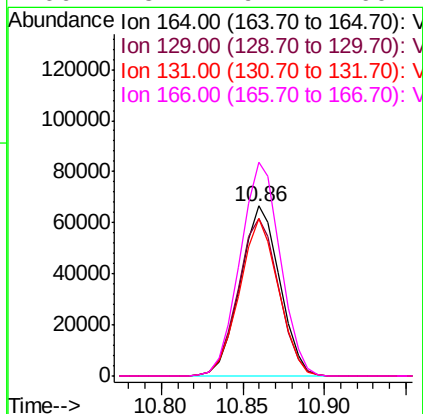
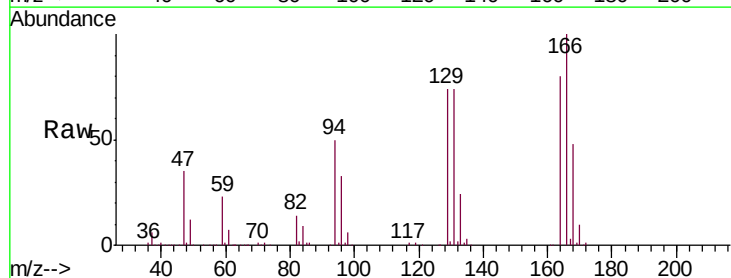
Instrument :
 MSVOA_W
 ClientSampleId :
 VICV07

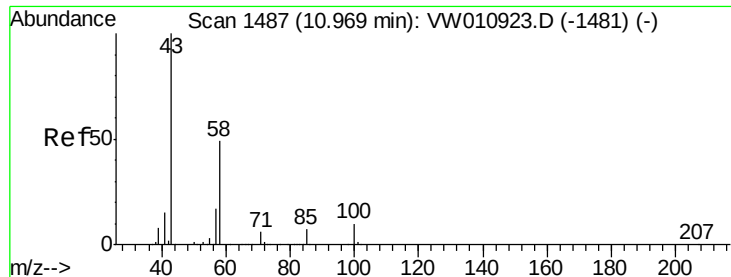
Tgt Ion:	97	Resp:	113797
Ion	Ratio	Lower	Upper
97	100		
83	90.2	61.8	114.8
85	57.7	38.6	71.6
99	62.5	43.3	80.3



#47
 Tetrachloroethene
 Concen: 24.829 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VW010926.D
 Acq: 24 Jun 2019 10:59

Tgt Ion:	164	Resp:	113064
Ion	Ratio	Lower	Upper
164	100		
129	93.0	69.6	129.2
131	92.9	66.8	124.0
166	125.7	91.2	169.4

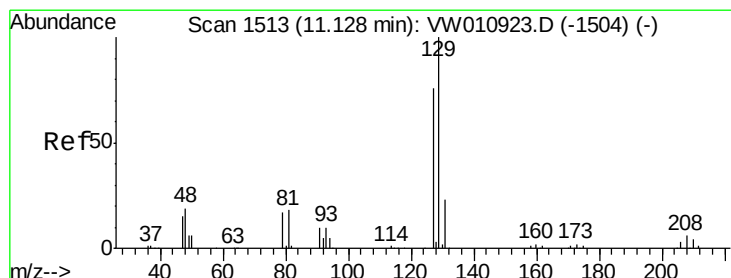
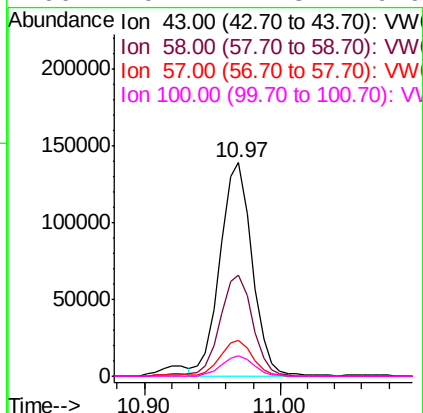
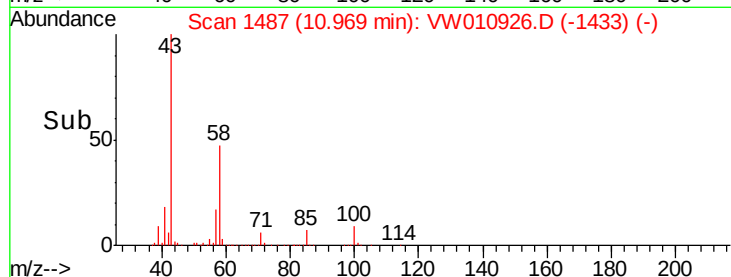
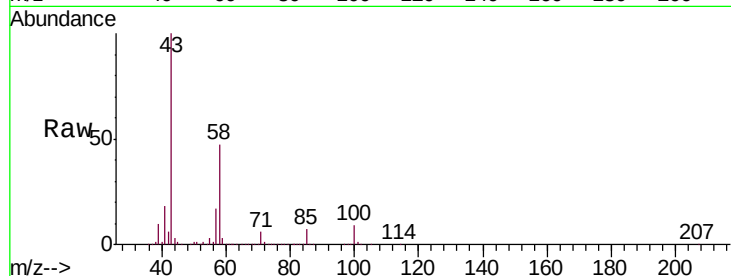




#49
2-Hexanone
Concen: 53.111 ug/L
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010926.D
Acq: 24 Jun 2019 10:59

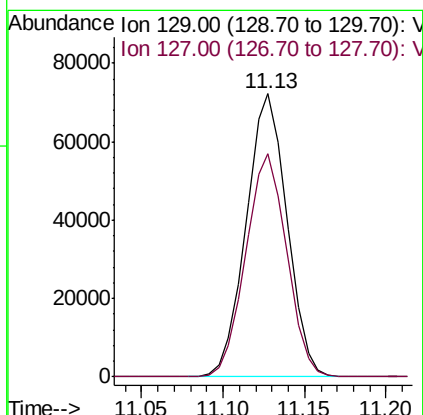
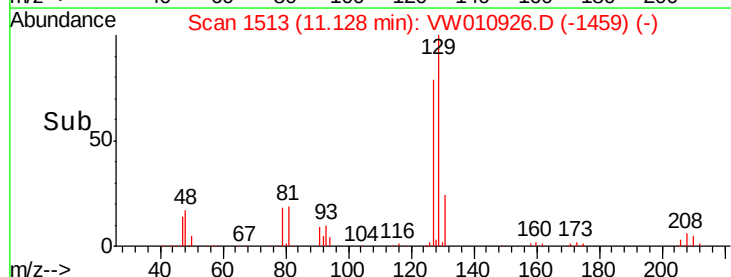
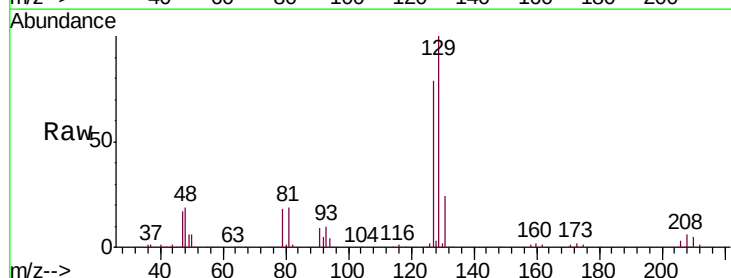
Instrument :
MSVOA_W
ClientSampleId :
VICV07

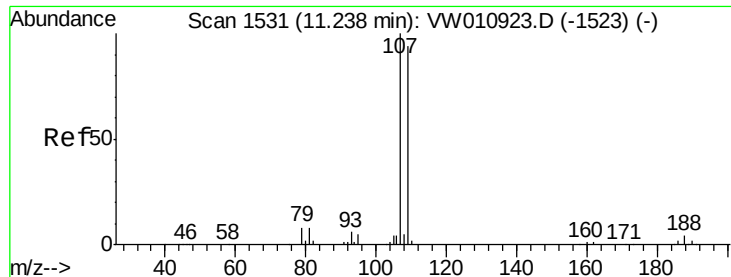
Tgt Ion:	43	Resp:	228516
Ion	Ratio	Lower	Upper
43	100		
58	47.0	38.3	57.5
57	16.8	13.8	20.8
100	9.4	7.3	10.9



#50
Dibromochloromethane
Concen: 25.558 ug/L
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010926.D
Acq: 24 Jun 2019 10:59

Tgt Ion:	129	Resp:	125691
Ion	Ratio	Lower	Upper
129	100		
127	78.9	52.8	98.2





#51

1,2-Dibromoethane

Concen: 25.929 ug/L

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW010926.D

Acq: 24 Jun 2019 10:59

Instrument :

MSVOA_W

ClientSampleId :

VICV07

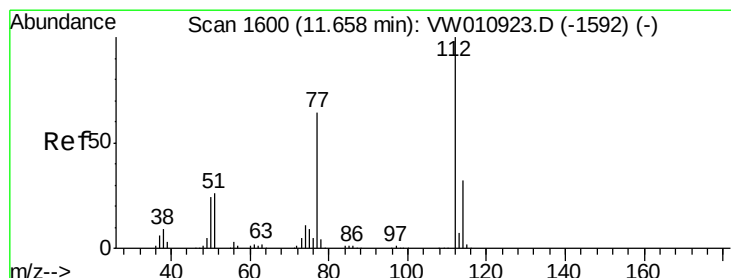
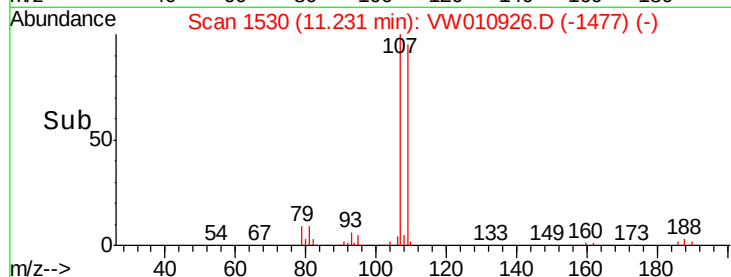
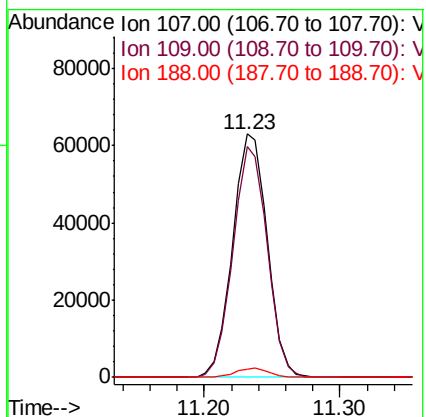
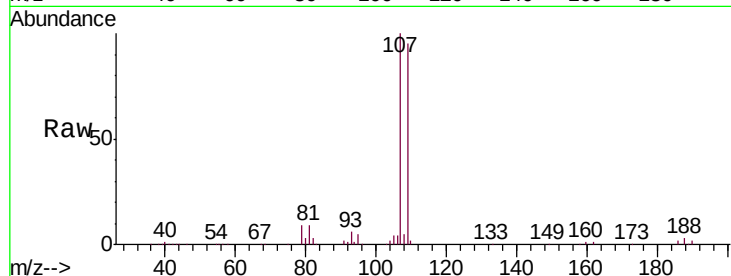
Tgt Ion:107 Resp: 111992

Ion Ratio Lower Upper

107 100

109 95.0 65.5 121.7

188 3.4 3.3 4.9



#52

Chlorobenzene

Concen: 25.170 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW010926.D

Acq: 24 Jun 2019 10:59

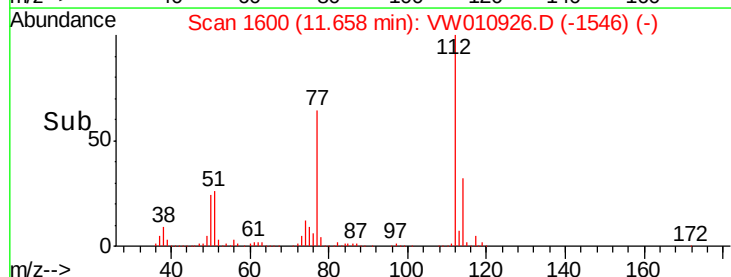
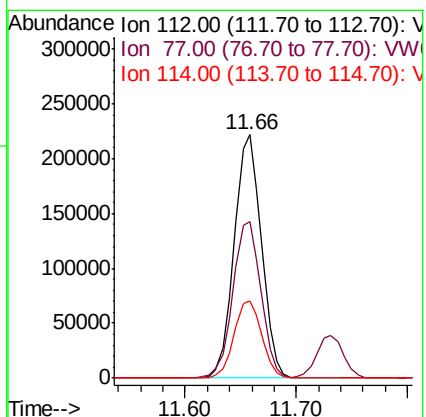
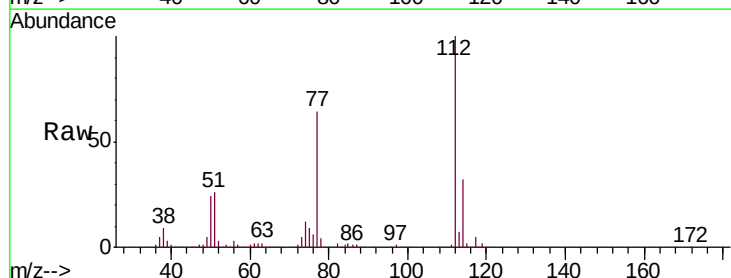
Tgt Ion:112 Resp: 375001

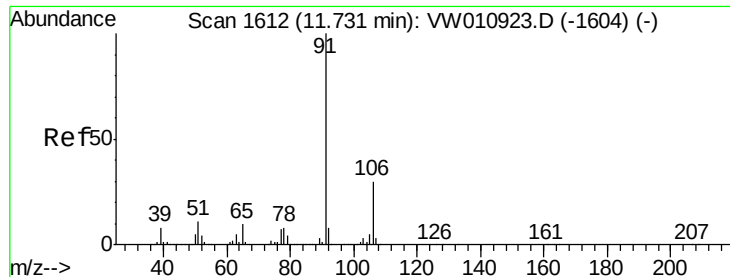
Ion Ratio Lower Upper

112 100

77 64.2 51.1 76.7

114 31.6 22.7 42.1

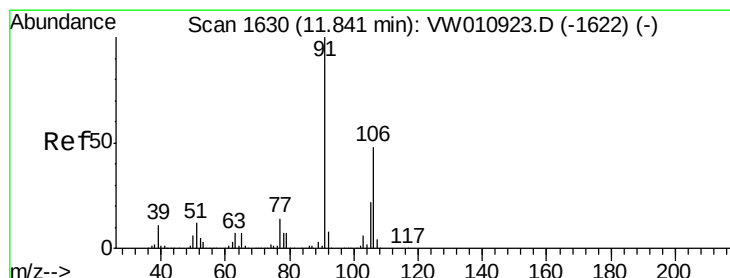
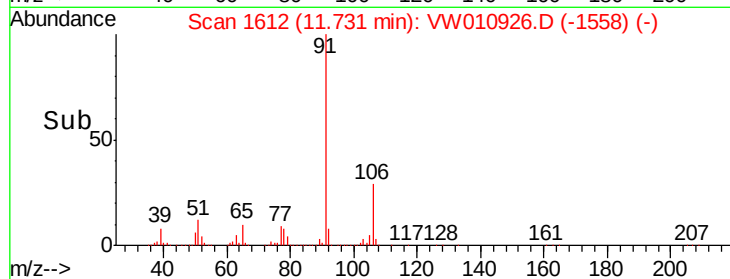
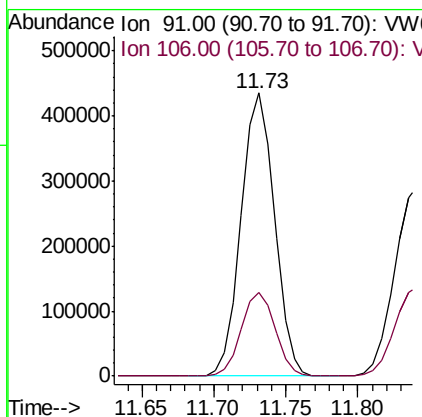
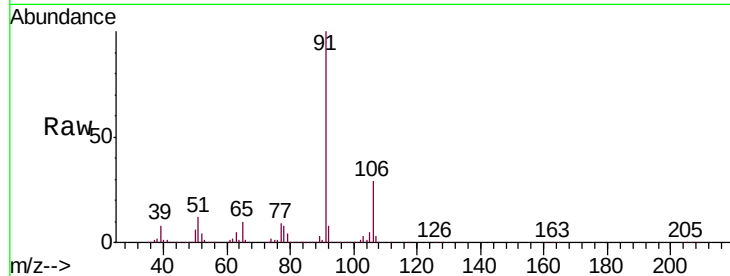




#53
Ethylbenzene
Concen: 25.134 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010926.D
Acq: 24 Jun 2019 10:59

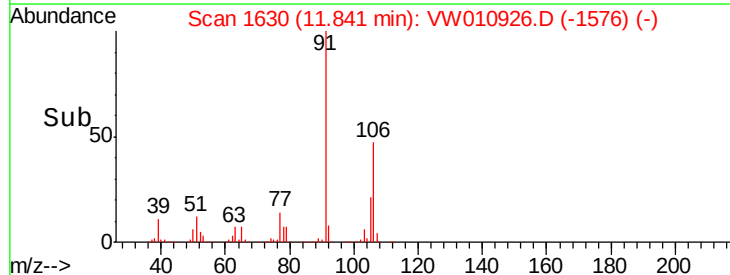
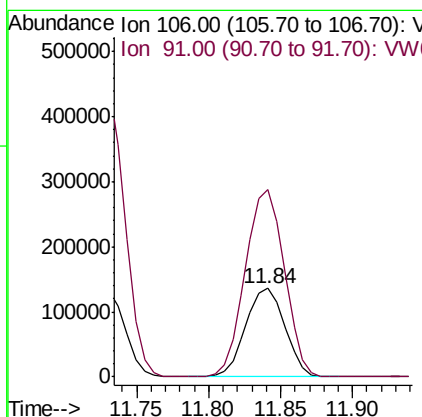
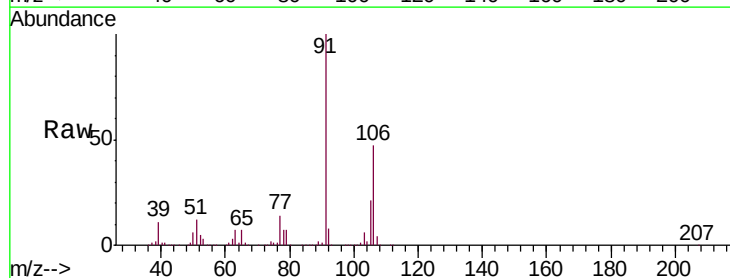
Instrument :
MSVOA_W
ClientSampleId :
VICV07

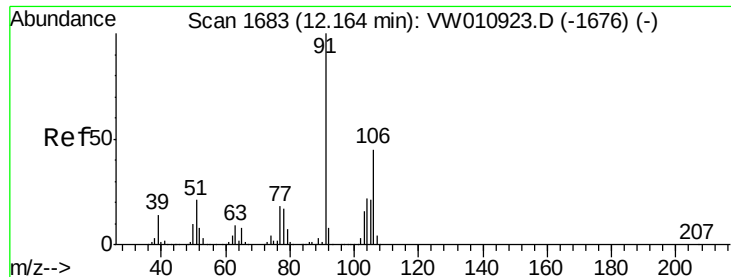
Tgt Ion: 91 Resp: 701083
Ion Ratio Lower Upper
91 100
106 29.5 20.9 38.7



#54
m,p-Xylene
Concen: 25.451 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010926.D
Acq: 24 Jun 2019 10:59

Tgt Ion: 106 Resp: 257614
Ion Ratio Lower Upper
106 100
91 210.8 146.5 272.1





#55

o-xylene

Concen: 25.726 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VW010926.D

Acq: 24 Jun 2019 10:59

Instrument :

MSVOA_W

ClientSampled :

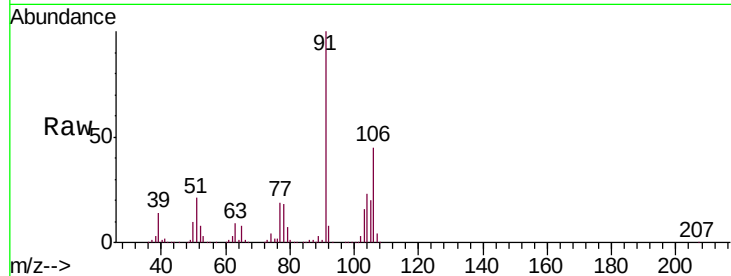
VICV07

Tgt Ion:106 Resp: 249871

Ion Ratio Lower Upper

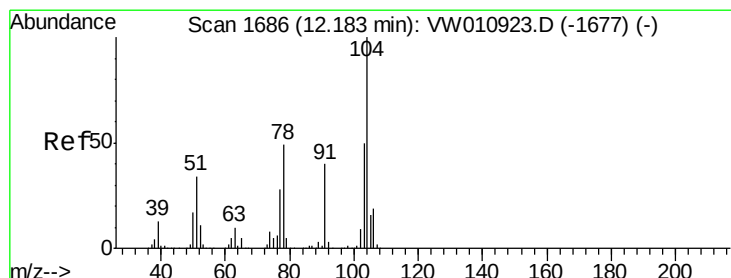
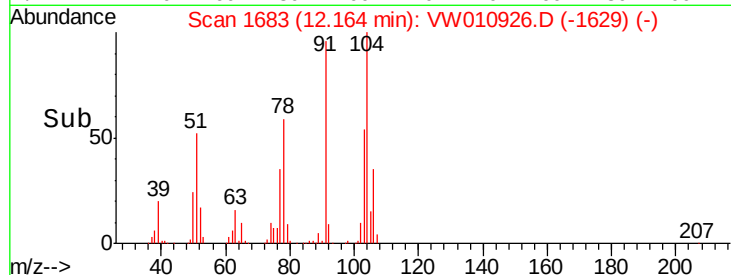
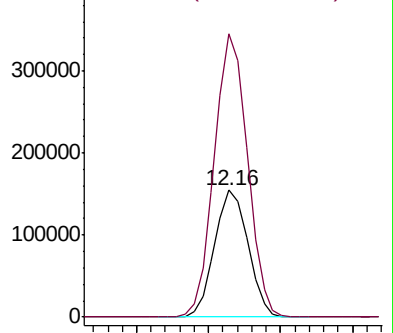
106 100

91 223.6 156.1 289.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#56

Styrene

Concen: 25.482 ug/L

RT: 12.18 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VW010926.D

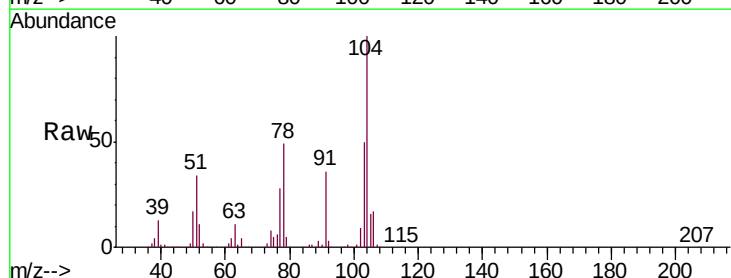
Acq: 24 Jun 2019 10:59

Tgt Ion:104 Resp: 426798

Ion Ratio Lower Upper

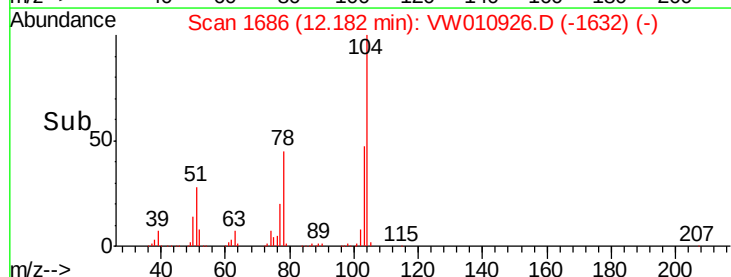
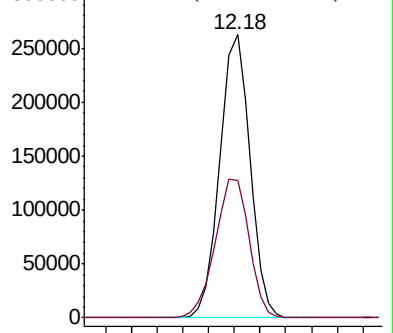
104 100

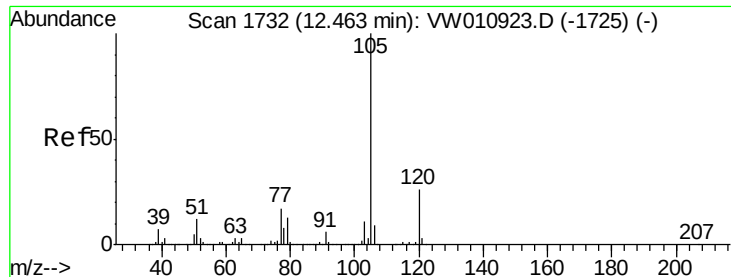
78 48.7 34.4 64.0



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW





#57

Isopropylbenzene

Concen: 25.537 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW010926.D

Acq: 24 Jun 2019 10:59

Instrument :

MSVOA_W

ClientSampled :

VICV07

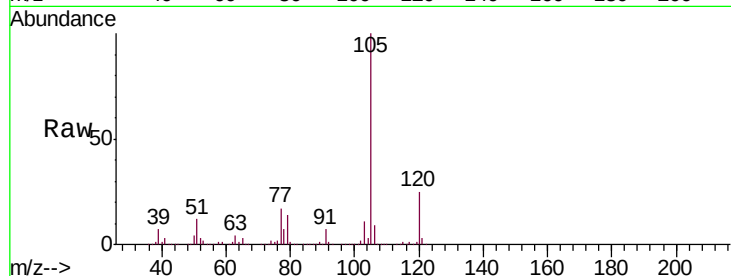
Tgt Ion: 105 Resp: 672915

Ion Ratio Lower Upper

105 100

120 25.5 20.7 31.1

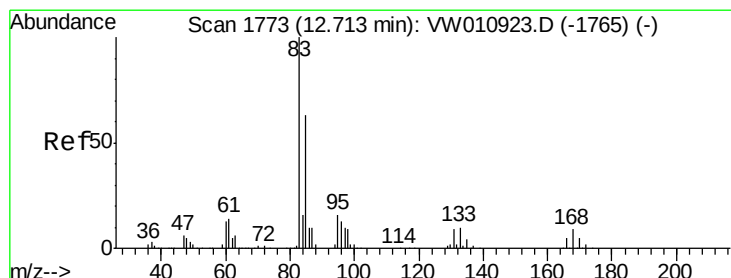
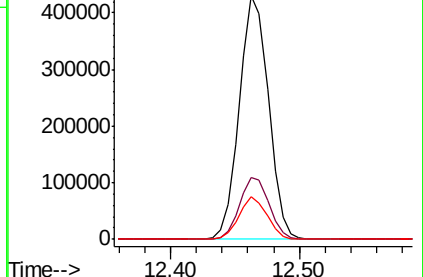
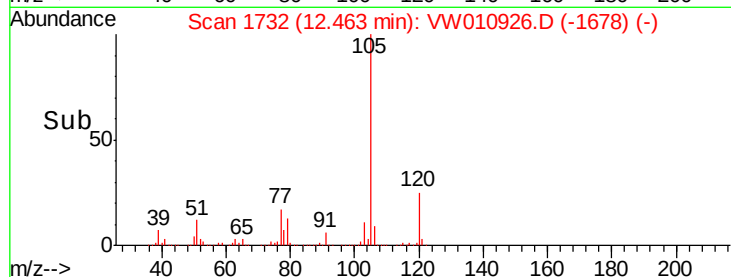
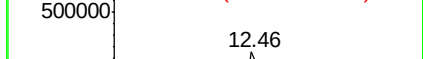
77 17.0 13.7 20.5



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



#58

1,1,2,2-Tetrachloroethane

Concen: 26.085 ug/L

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW010926.D

Acq: 24 Jun 2019 10:59

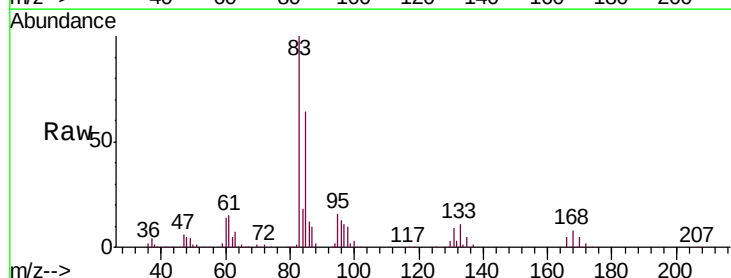
Tgt Ion: 83 Resp: 152331

Ion Ratio Lower Upper

83 100

85 63.9 44.0 81.6

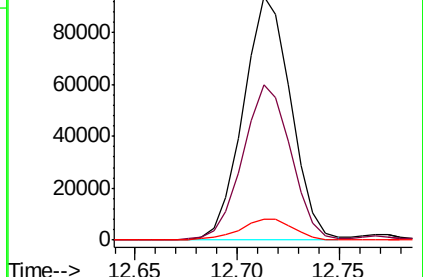
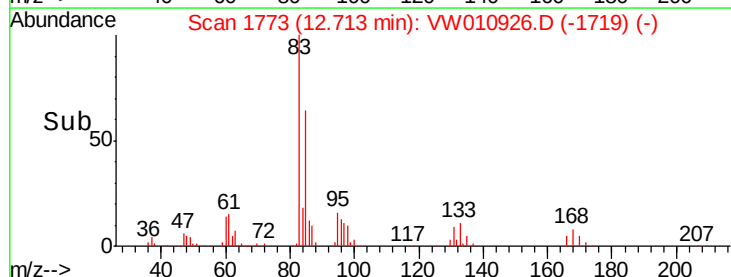
131 8.8 7.4 11.0

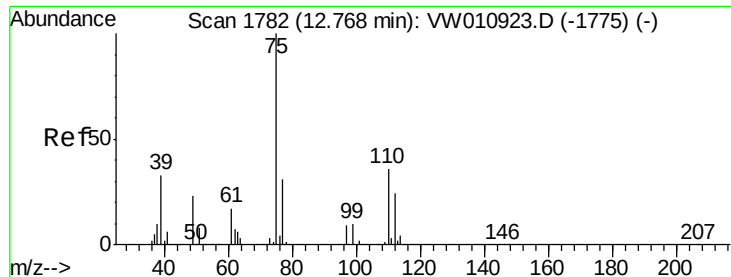


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 25.973 ug/L

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW010926.D

Acq: 24 Jun 2019 10:59

Instrument :

MSVOA_W

ClientSampleId :

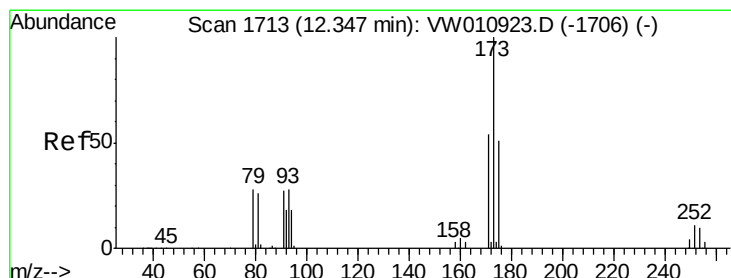
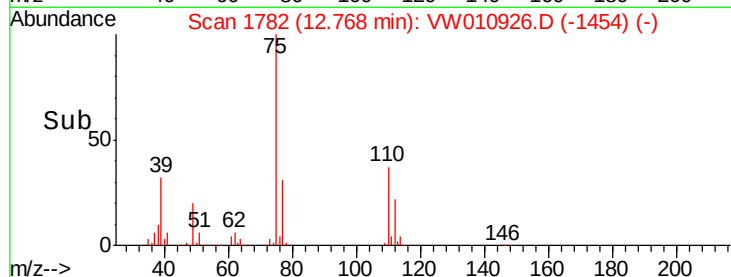
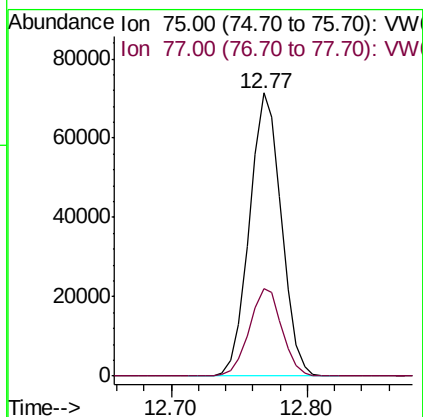
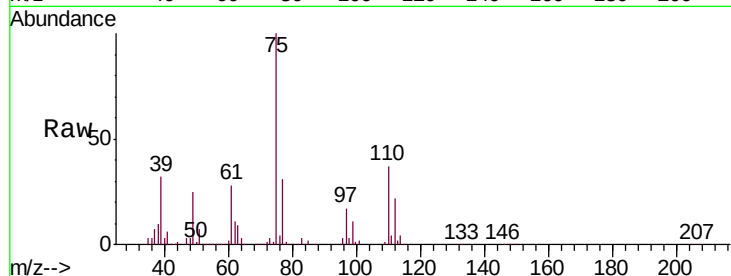
VICV07

Tgt Ion: 75 Resp: 117768

Ion Ratio Lower Upper

75 100

77 31.4 25.2 37.8



#62

Bromoform

Concen: 25.921 ug/L

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW010926.D

Acq: 24 Jun 2019 10:59

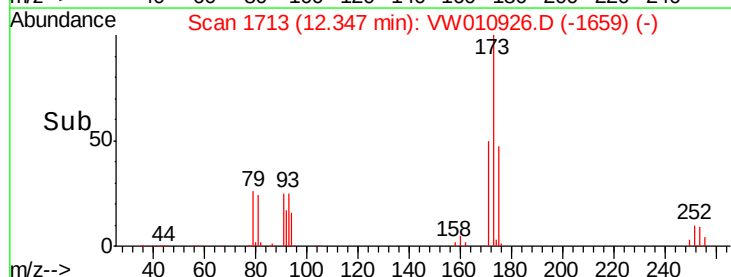
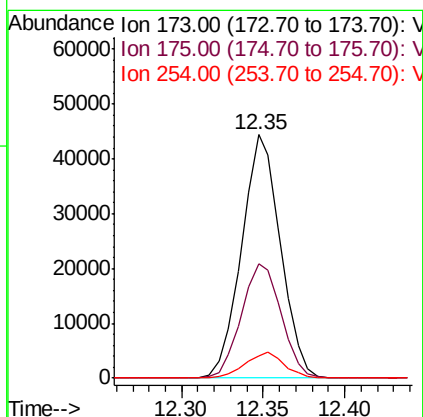
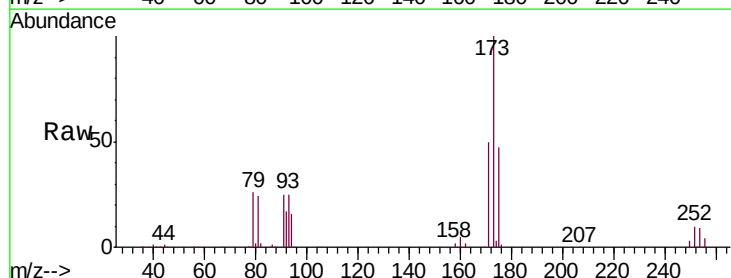
Tgt Ion: 173 Resp: 73709

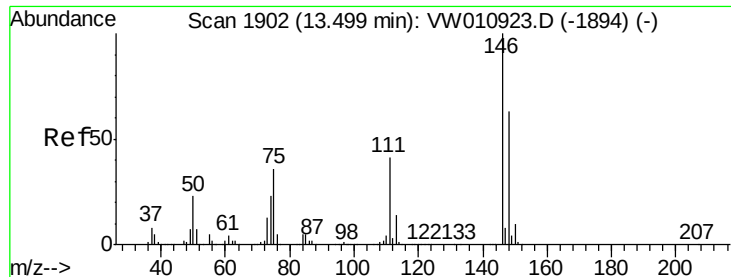
Ion Ratio Lower Upper

173 100

175 48.3 40.1 60.1

254 10.7 8.5 12.7

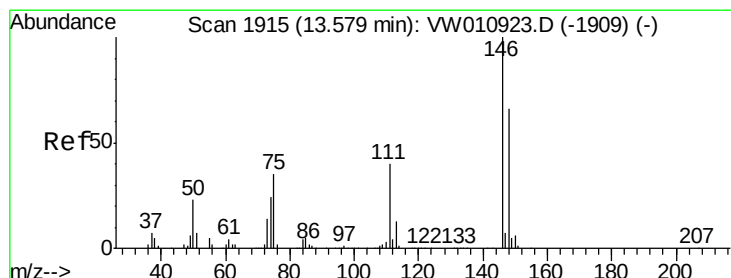
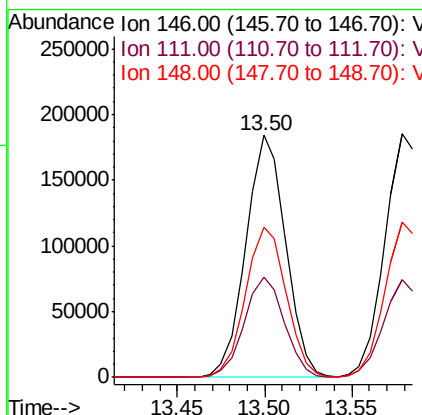
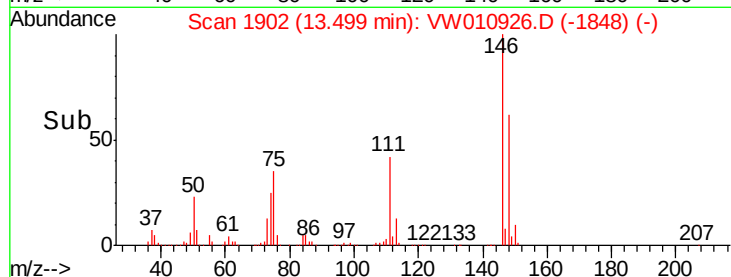
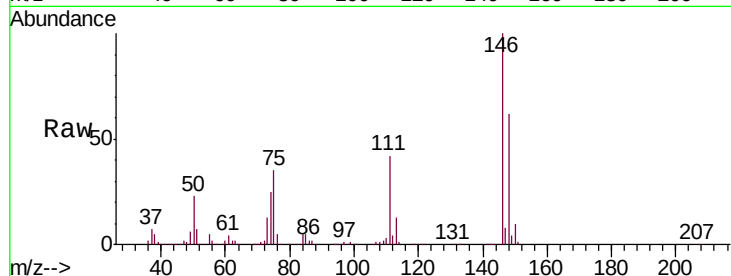




#63
 1,3-Dichlorobenzene
 Concen: 25.183 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010926.D
 Acq: 24 Jun 2019 10:59

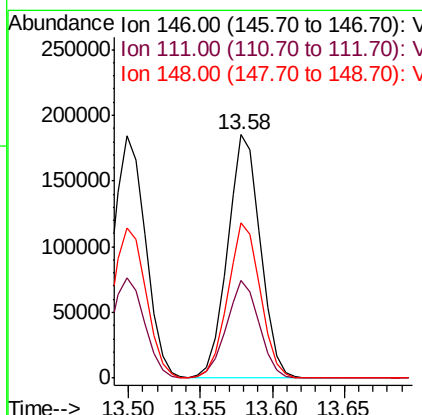
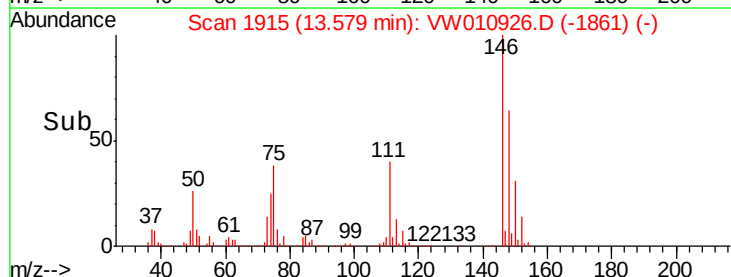
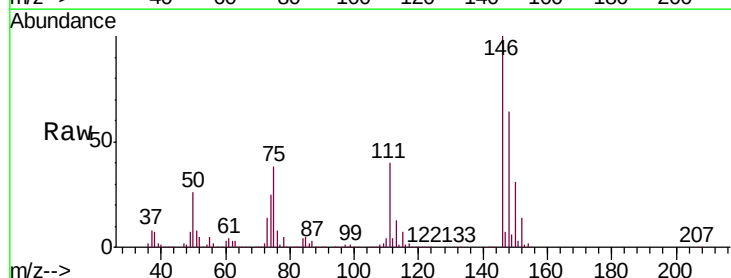
Instrument :
 MSVOA_W
 ClientSampleId :
 VICV07

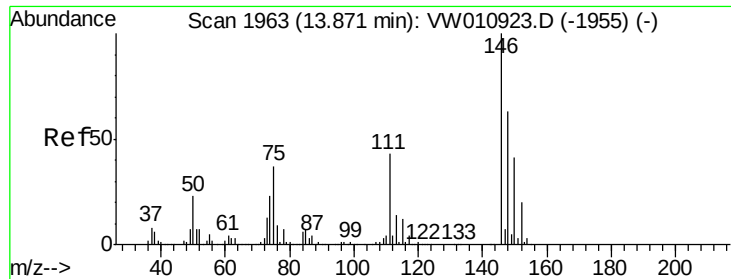
Tgt Ion:146 Resp: 291270
 Ion Ratio Lower Upper
 146 100
 111 41.6 28.9 53.7
 148 62.2 44.2 82.0



#64
 1,4-Dichlorobenzene
 Concen: 25.360 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW010926.D
 Acq: 24 Jun 2019 10:59

Tgt Ion:146 Resp: 294641
 Ion Ratio Lower Upper
 146 100
 111 40.1 27.9 51.9
 148 63.8 46.0 85.4

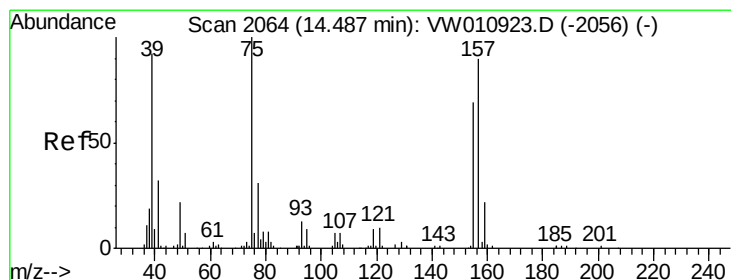
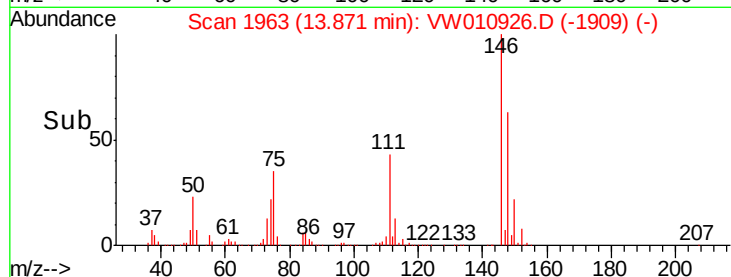
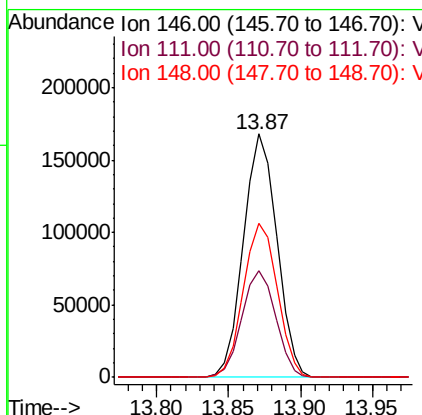
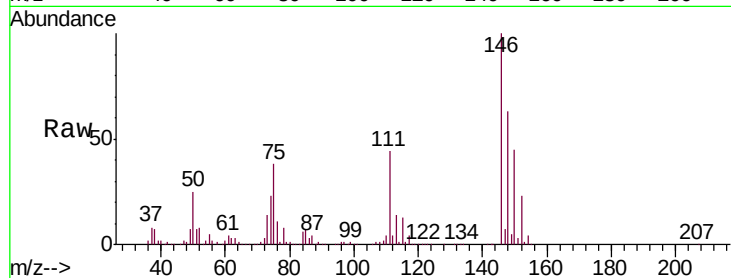




#65
 1,2-Dichlorobenzene
 Concen: 25.265 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW010926.D
 Acq: 24 Jun 2019 10:59

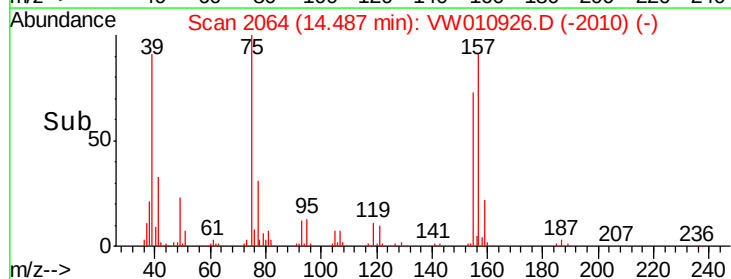
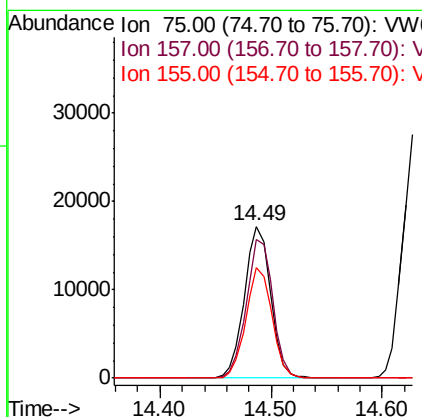
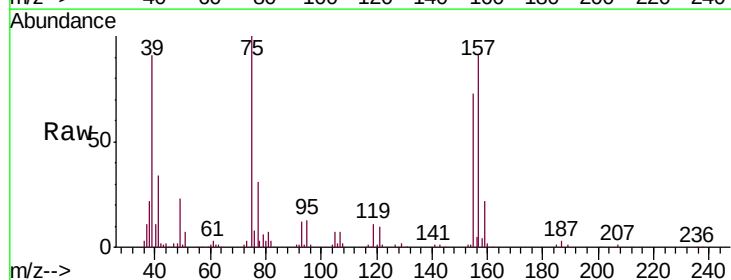
Instrument :
 MSVOA_W
 ClientSampleId :
 VICV07

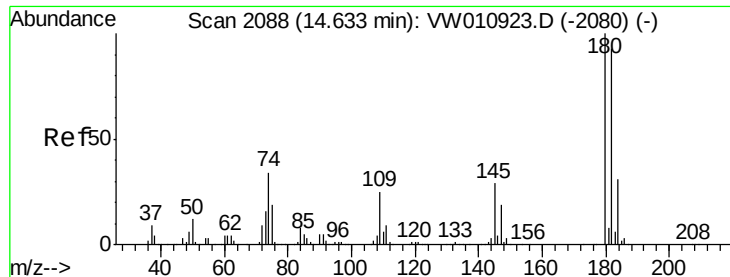
Tgt Ion: 146 Resp: 270268
 Ion Ratio Lower Upper
 146 100
 111 43.7 34.6 51.8
 148 63.5 50.5 75.7



#66
 1,2-Dibromo-3-chloropropane
 Concen: 25.764 ug/L
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW010926.D
 Acq: 24 Jun 2019 10:59

Tgt Ion: 75 Resp: 28201
 Ion Ratio Lower Upper
 75 100
 157 91.3 71.8 107.8
 155 73.0 55.2 82.8

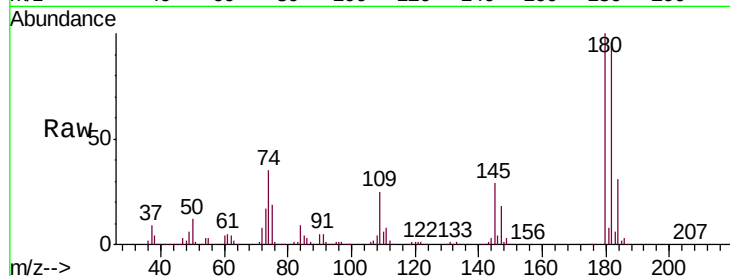




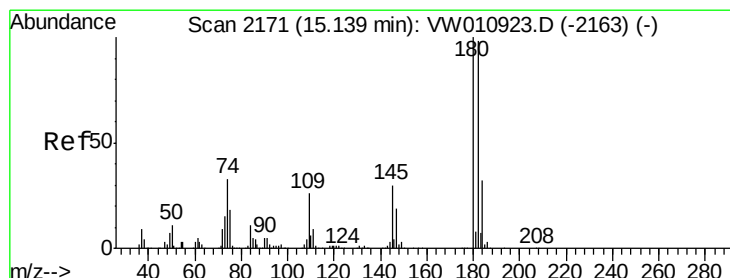
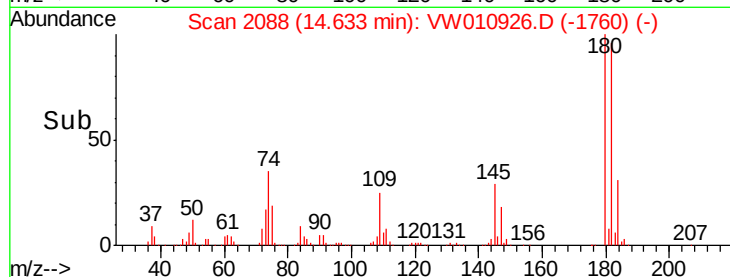
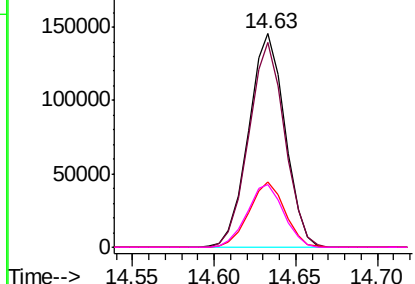
#67
 1,3,5-Trichlorobenzene
 Concen: 25.736 ug/L
 RT: 14.63 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: VW010926.D
 Acq: 24 Jun 2019 10:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV07

Tgt Ion:	180	Resp:	226561
Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.2	114.2
184	30.2	24.3	36.5
145	29.5	24.2	36.2

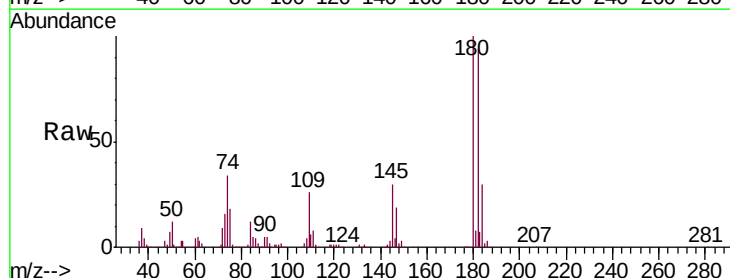


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

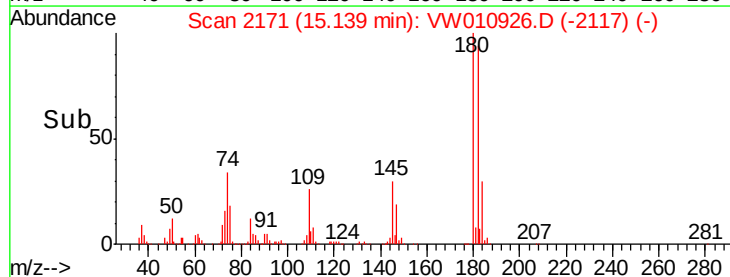
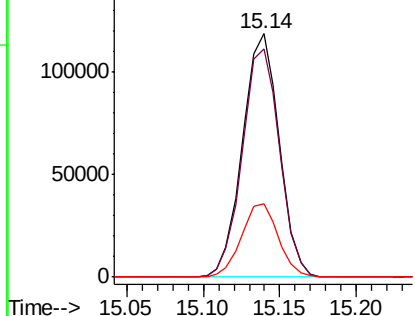


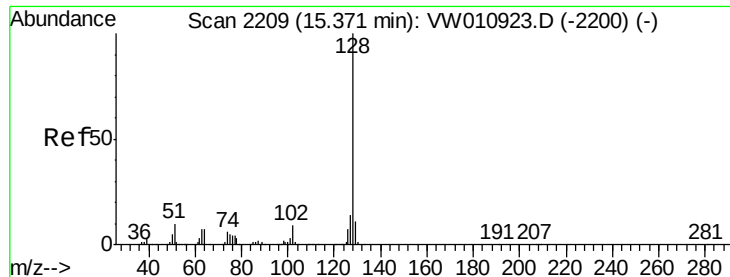
#68
 1,2,4-trichlorobenzene
 Concen: 26.463 ug/L
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010926.D
 Acq: 24 Jun 2019 10:59

Tgt Ion:	180	Resp:	197439
Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.1	114.1
145	30.3	24.2	36.4



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 27.698 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW010926.D

Acq: 24 Jun 2019 10:59

Instrument :

MSVOA_W

ClientSampleId :

VICV07

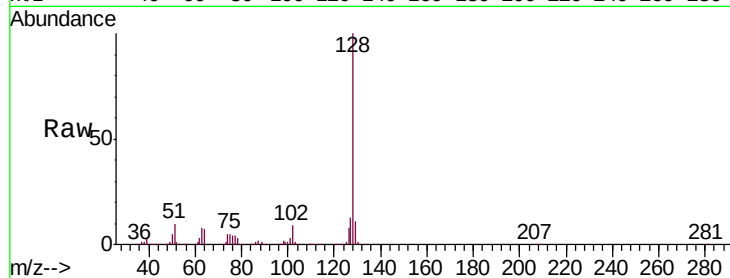
Tgt Ion:128 Resp: 440997

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

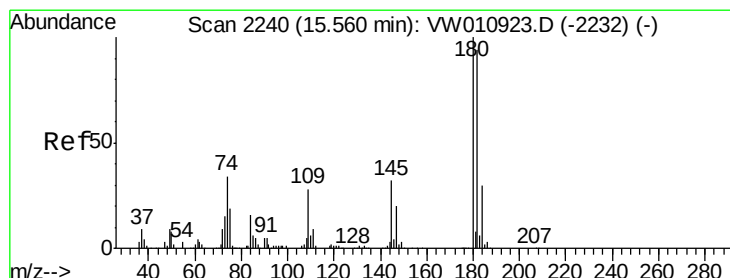
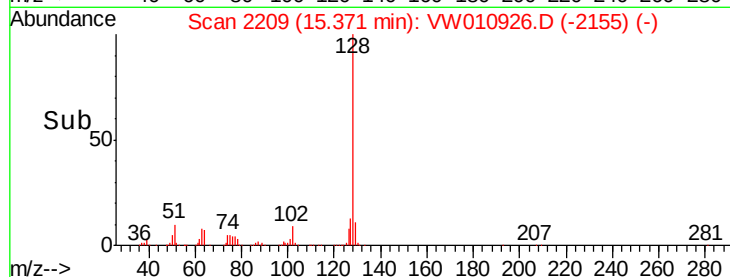
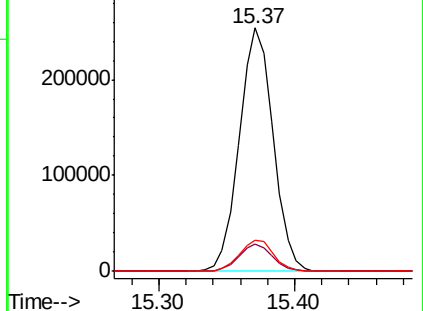
127 13.1 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 26.585 ug/L

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW010926.D

Acq: 24 Jun 2019 10:59

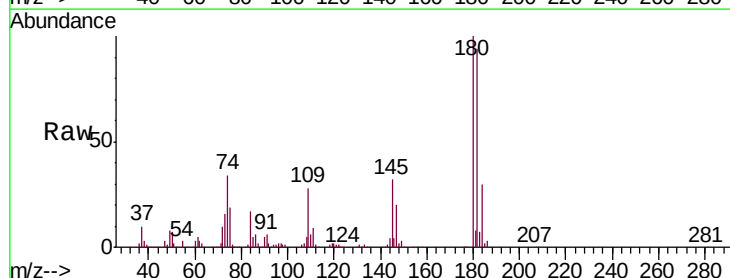
Tgt Ion:180 Resp: 180172

Ion Ratio Lower Upper

180 100

182 95.6 76.0 114.0

145 32.2 25.6 38.4



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

