

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081418\
 Data File : VW004639.D
 Acq On : 13 Aug 2018 10:56
 Operator : SY/AP
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB95

Quant Time: Aug 14 01:10:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 10 05:02:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	827562	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	798573	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	415325	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	185982	18.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.28%
7) Chloroethane-d5	2.90	69	169699	19.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.40%
10) 1,1-Dichloroethene-d2	4.02	63	430141	20.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.32%
20) 2-Butanone-d5	7.09	46	232163	51.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.30%
24) Chloroform-d	7.65	84	469782	20.97	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.88%
26) 1,2-Dichloroethane-d4	8.31	65	251440	20.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.52%
29) Benzene-d6	8.28	84	877459	20.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.60%
33) 1,2-Dichloropropane-d6	9.28	67	286913	20.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.64%
37) Toluene-d8	10.33	98	788290	21.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.20%
38) trans-1,3-Dichloropropene-	10.59	79	122173	21.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.60%
39) 2-Hexanone-d5	10.93	63	181363	53.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.32%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	351967	23.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.52%
61) 1,2-Dichlorobenzene-d4	13.87	152	340867	21.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	199334	23.167 ug/L	97
3) Chloromethane	2.22	50	237689	20.914 ug/L	98
5) Vinyl chloride	2.37	62	384741	25.943 ug/L	98
6) Bromomethane	2.79	94	213155	24.852 ug/L	99
8) Chloroethane	2.93	64	228371	25.668 ug/L	97
9) Trichlorofluoromethane	3.26	101	204555	30.239 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	324596	27.636 ug/L	97
12) 1,1-Dichloroethene	4.03	96	295234	25.729 ug/L	96
13) Acetone	4.14	43	244995	62.306 ug/L	98
14) Carbon disulfide	4.37	76	885379	25.155 ug/L	100
15) Methyl Acetate	4.68	43	208929	26.069 ug/L	98
16) Methylene chloride	4.91	84	350451	21.320 ug/L	99
17) Methyl tert-butyl Ether	5.43	73	434406	27.968 ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	302958	25.817 ug/L	99
19) 1,1-Dichloroethane	6.21	63	559298	25.117 ug/L	100
21) 2-Butanone	7.18	43	296505	55.090 ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	341829	26.688 ug/L	96

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081418\
 Data File : VW004639.D
 Acq On : 13 Aug 2018 10:56
 Operator : SY/AP
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB95

Quant Time: Aug 14 01:10:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 10 05:02:45 2018
 Response via : Initial Calibration

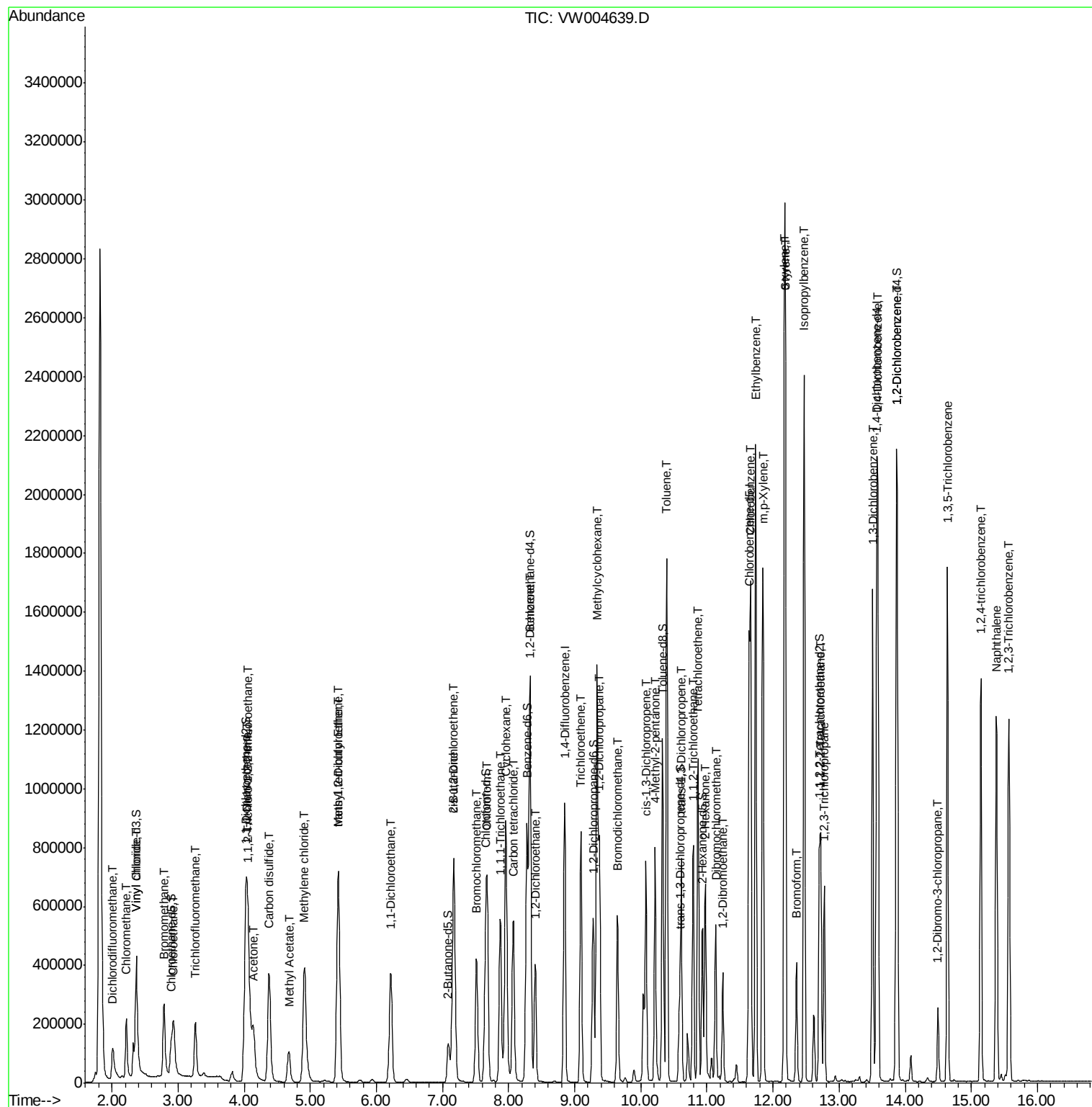
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	155931	25.436	ug/L	95
25) Chloroform	7.68	83	562932	24.767	ug/L	100
27) 1,2-Dichloroethane	8.40	62	356080	23.319	ug/L	99
30) Cyclohexane	7.96	56	526639	27.885	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	454456	26.785	ug/L	98
32) Carbon tetrachloride	8.07	117	427838	26.165	ug/L	99
34) Benzene	8.33	78	1257504	25.540	ug/L	100
35) Trichloroethene	9.09	95	315077	25.441	ug/L	99
36) Methylcyclohexane	9.34	83	591511	27.208	ug/L	99
40) 1,2-Dichloropropane	9.37	63	326495	25.038	ug/L	99
41) Bromodichloromethane	9.65	83	382941	24.447	ug/L	98
42) cis-1,3-Dichloropropene	10.08	75	465151	26.076	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	526831	53.882	ug/L	99
44) Toluene	10.39	91	1335459	26.953	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	420371	26.216	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	259342	25.582	ug/L	99
47) Tetrachloroethene	10.87	164	261835	26.721	ug/L	98
49) 2-Hexanone	10.98	43	410881	55.920	ug/L	98
50) Dibromochloromethane	11.13	129	288212	25.628	ug/L	99
51) 1,2-Dibromoethane	11.24	107	252055	25.938	ug/L #	96
52) Chlorobenzene	11.66	112	872188	26.029	ug/L	98
53) Ethylbenzene	11.74	91	1515725	27.223	ug/L	98
54) m,p-Xylene	11.85	106	576340	27.745	ug/L	98
55) o-xylene	12.17	106	549155	27.900	ug/L	99
56) Styrene	12.19	104	963190	28.083	ug/L	99
57) Isopropylbenzene	12.47	105	1536870	28.846	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	381822	25.950	ug/L	95
59) 1,2,3-Trichloropropane	12.77	75	287054	26.121	ug/L	99
62) Bromoform	12.35	173	194272	25.737	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	696651	26.957	ug/L	99
64) 1,4-Dichlorobenzene	13.59	146	722450	26.011	ug/L	97
65) 1,2-Dichlorobenzene	13.88	146	675244	26.077	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	66077	24.842	ug/L	98
67) 1,3,5-Trichlorobenzene	14.64	180	559445	27.308	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	464360	28.017	ug/L	100
69) Naphthalene	15.38	128	1082789	28.647	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	452649	28.044	ug/L	100

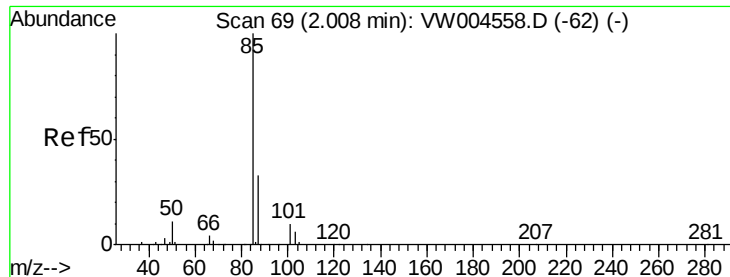
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081418\
Data File : VW004639.D
Acq On : 13 Aug 2018 10:56
Operator : SY/AP
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFB95

Quant Time: Aug 14 01:10:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 10 05:02:45 2018
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 23.167 ug/L

RT: 2.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VW004639.D

Acq: 13 Aug 2018 10:56

Instrument :

MSVOA_W

ClientSampleId :

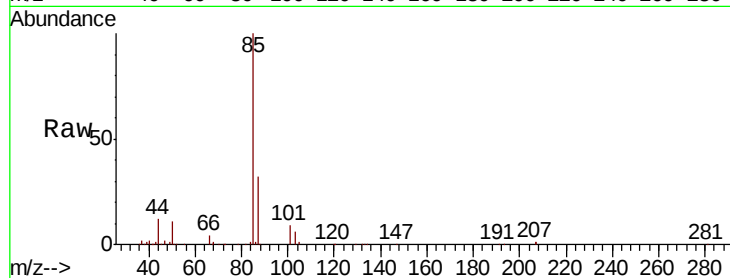
BFB95

Tgt Ion: 85 Resp: 199334

Ion Ratio Lower Upper

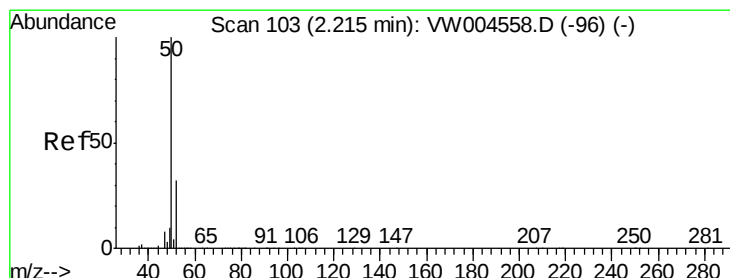
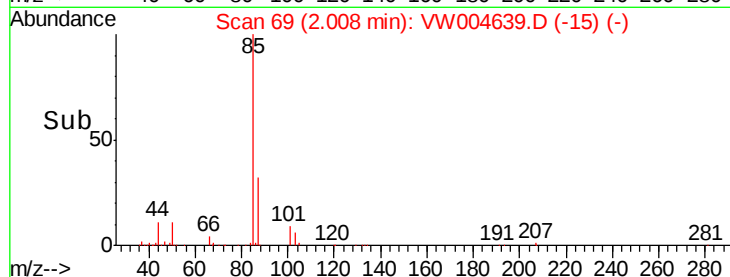
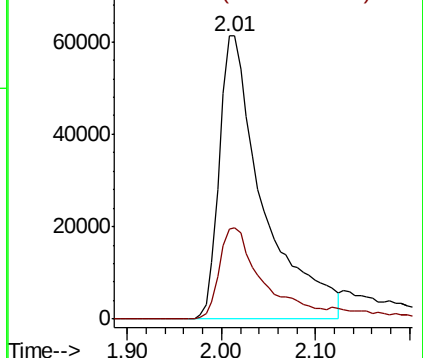
85 100

87 27.2 20.2 37.4



Abundance Ion 85.00 (84.70 to 85.70): VW

Ion 87.00 (86.70 to 87.70): VW



#3

Chloromethane

Concen: 20.914 ug/L

RT: 2.22 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW004639.D

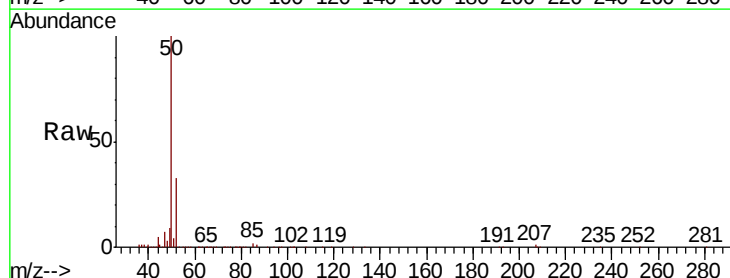
Acq: 13 Aug 2018 10:56

Tgt Ion: 50 Resp: 237689

Ion Ratio Lower Upper

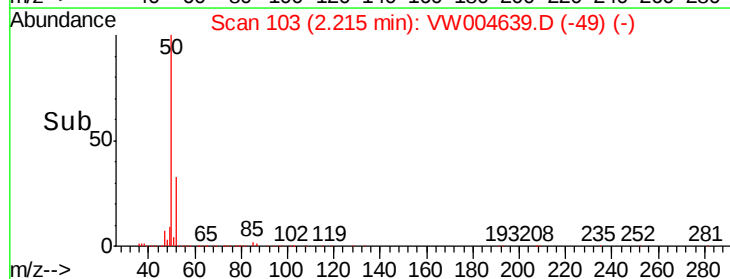
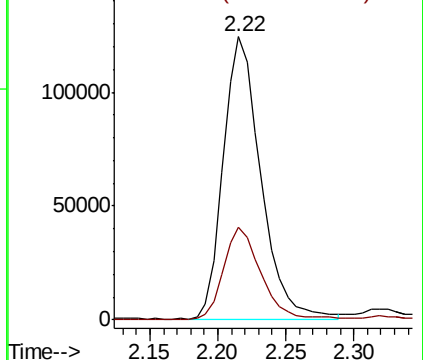
50 100

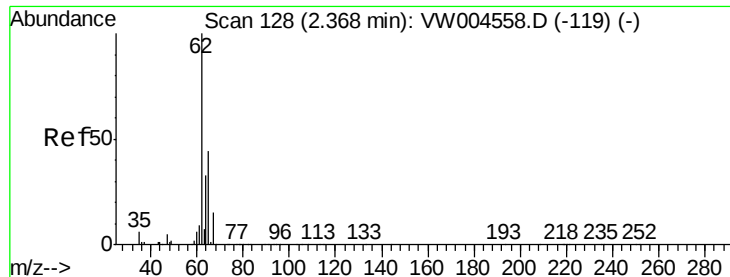
52 32.5 23.4 43.6



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW





#5

Vinyl chloride

Concen: 25.943 ug/L

RT: 2.37 min Scan# 128

Delta R.T. 0.00 min

Lab File: VW004639.D

Acq: 13 Aug 2018 10:56

Instrument :

MSVOA_W

ClientSampleId :

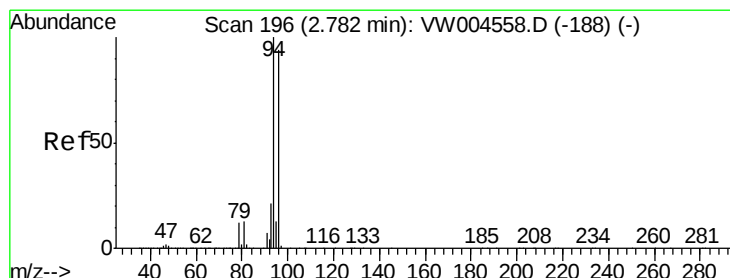
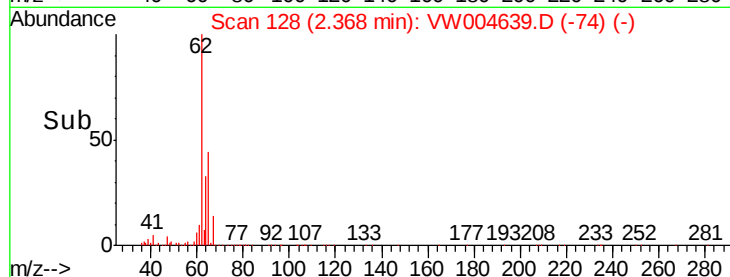
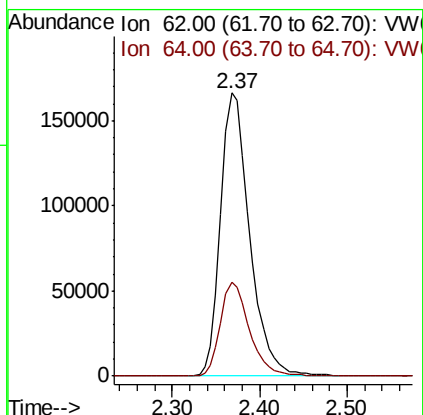
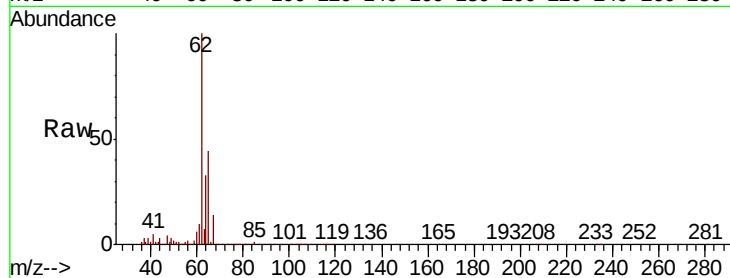
BFB95

Tgt Ion: 62 Resp: 384741

Ion Ratio Lower Upper

62 100

64 33.0 24.0 44.6



#6

Bromomethane

Concen: 24.852 ug/L

RT: 2.79 min Scan# 197

Delta R.T. 0.01 min

Lab File: VW004639.D

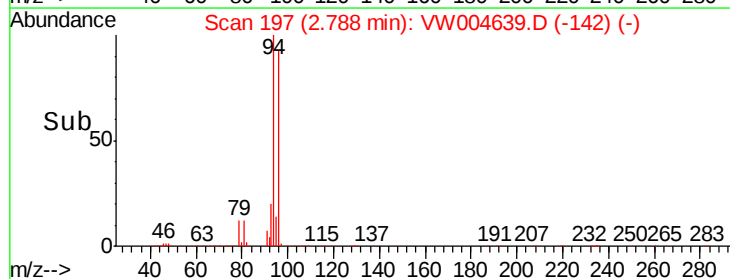
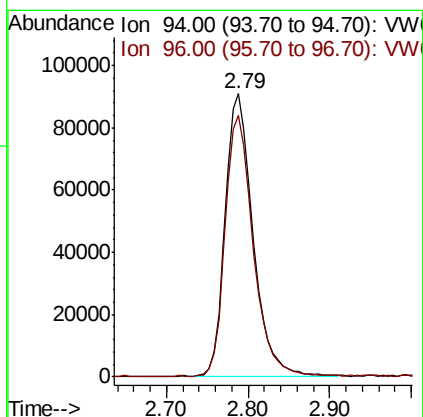
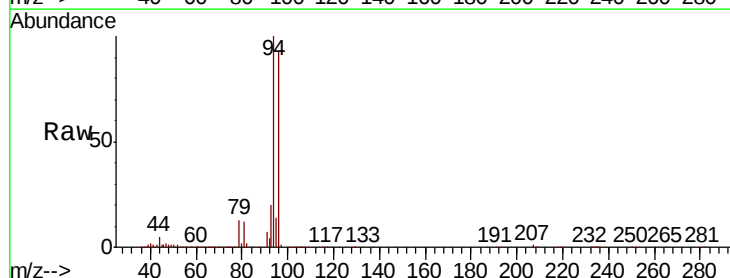
Acq: 13 Aug 2018 10:56

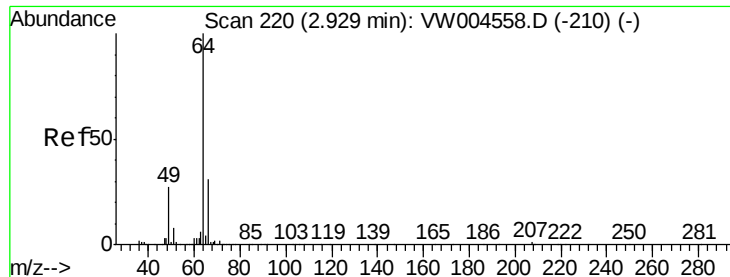
Tgt Ion: 94 Resp: 213155

Ion Ratio Lower Upper

94 100

96 93.2 9.2 175.2

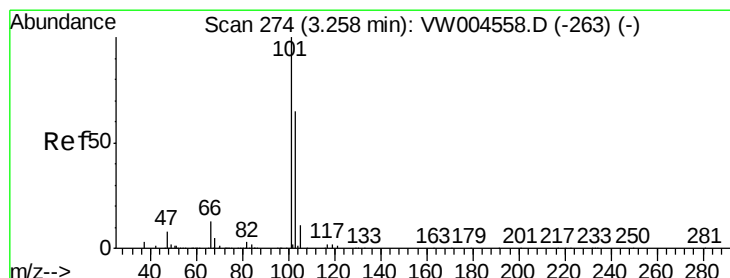
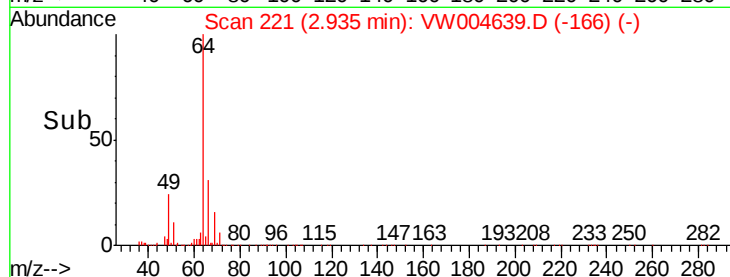
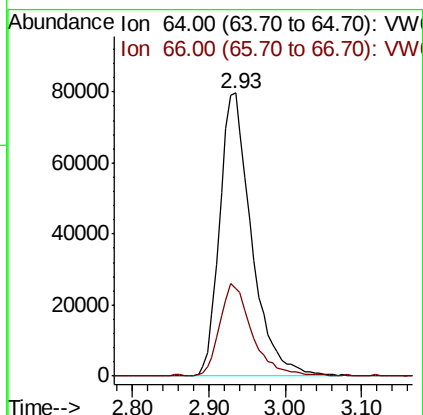
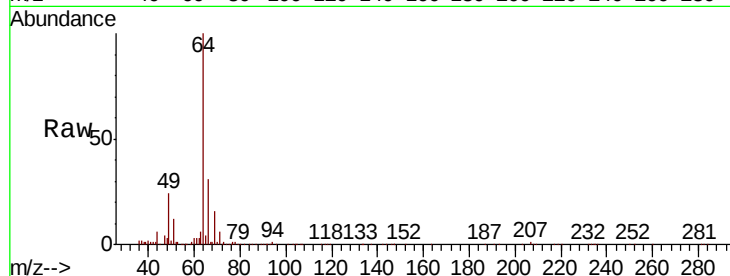




#8
Chloroethane
Concen: 25.668 ug/L
RT: 2.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VW004639.D
Acq: 13 Aug 2018 10:56

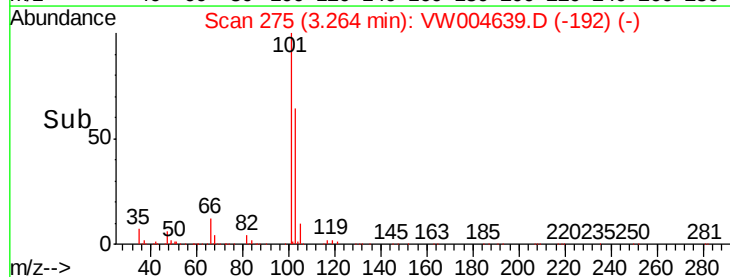
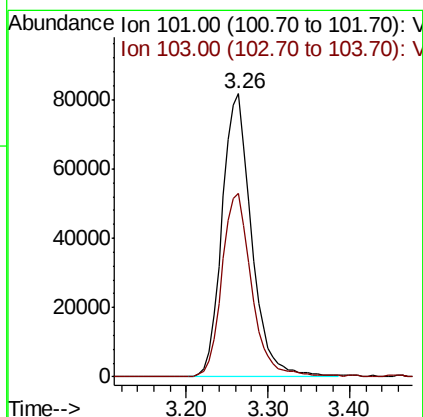
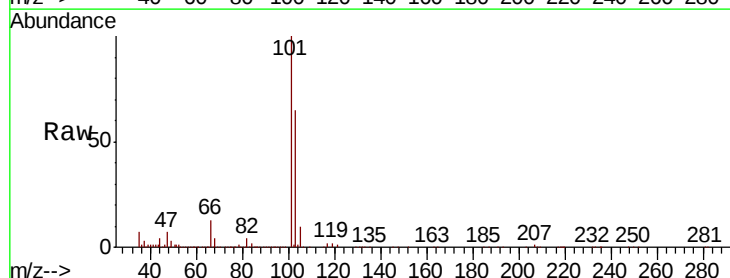
Instrument :
MSVOA_W
ClientSampleId :
BFB95

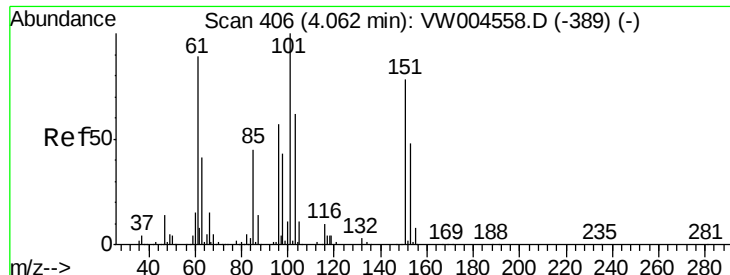
Tgt Ion: 64 Resp: 228371
Ion Ratio Lower Upper
64 100
66 30.9 22.8 42.4



#9
Trichlorofluoromethane
Concen: 30.239 ug/L
RT: 3.26 min Scan# 275
Delta R.T. 0.01 min
Lab File: VW004639.D
Acq: 13 Aug 2018 10:56

Tgt Ion: 101 Resp: 204555
Ion Ratio Lower Upper
101 100
103 65.3 45.3 84.1





#11

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

Concen: 27.636 ug/L

RT: 4.06 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW004639.D

Acq: 13 Aug 2018 10:56

Instrument :

MSVOA_W

ClientSampleId :

BFB95

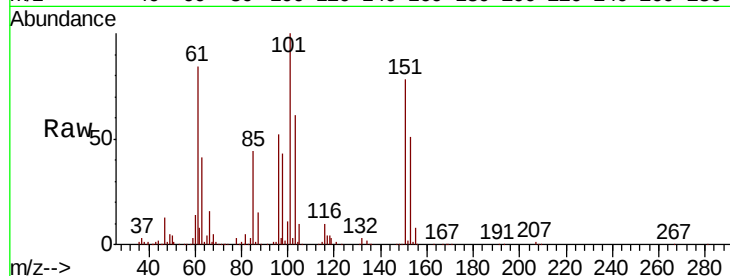
Tgt Ion: 101 Resp: 324596

Ion Ratio Lower Upper

101 100

85 41.0 35.6 53.4

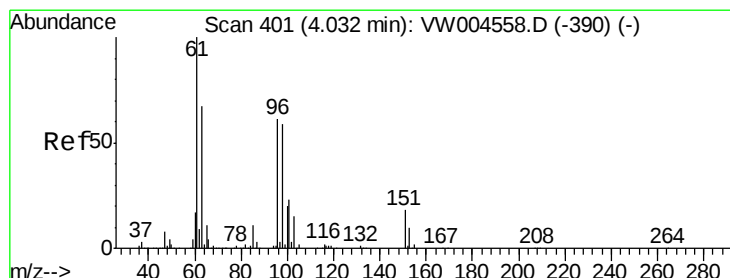
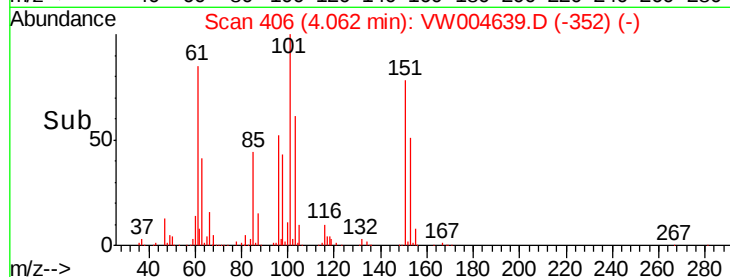
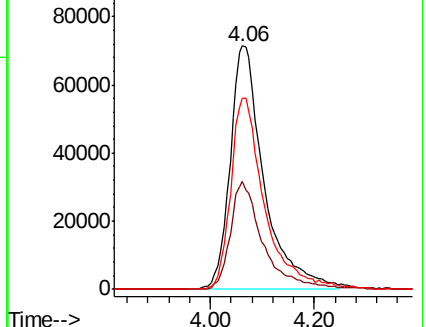
151 76.3 62.6 94.0



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: 25.729 ug/L

RT: 4.03 min Scan# 401

Delta R.T. 0.00 min

Lab File: VW004639.D

Acq: 13 Aug 2018 10:56

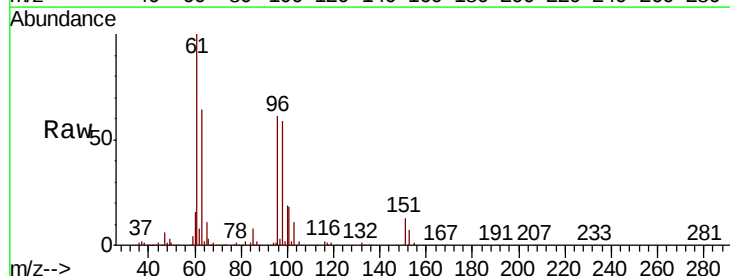
Tgt Ion: 96 Resp: 295234

Ion Ratio Lower Upper

96 100

61 163.1 115.9 215.3

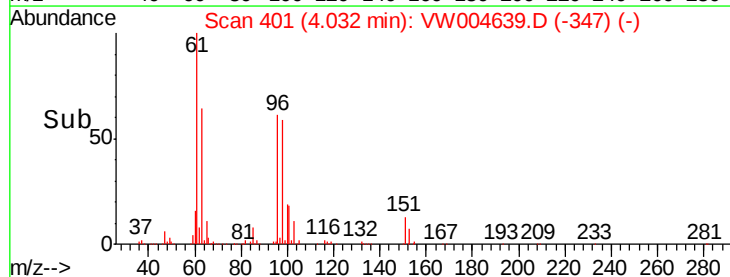
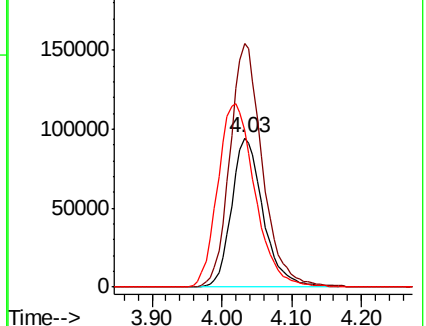
63 105.0 78.0 144.9

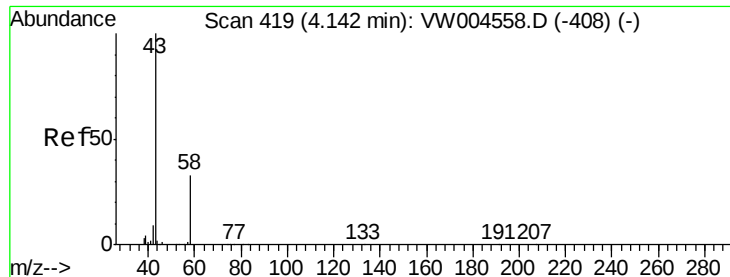


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 62.306 ug/L

RT: 4.14 min Scan# 419

Delta R.T. 0.00 min

Lab File: VW004639.D

Acq: 13 Aug 2018 10:56

Instrument :

MSVOA_W

ClientSampleId :

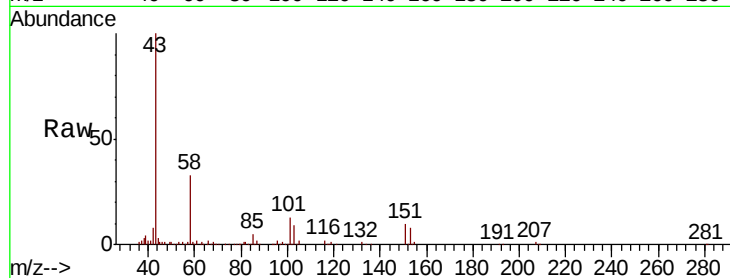
BFB95

Tgt Ion: 43 Resp: 244995

Ion Ratio Lower Upper

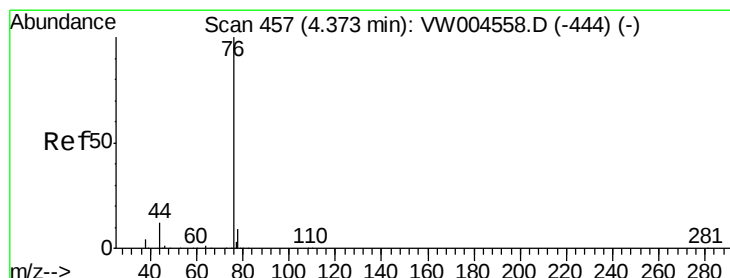
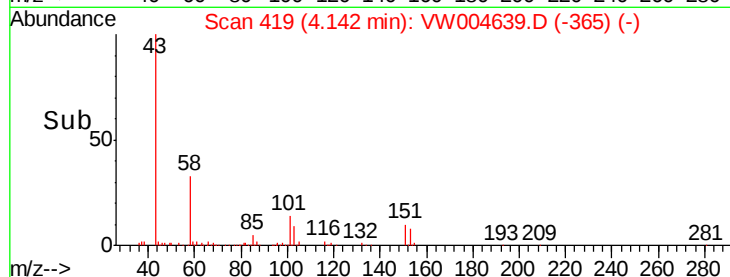
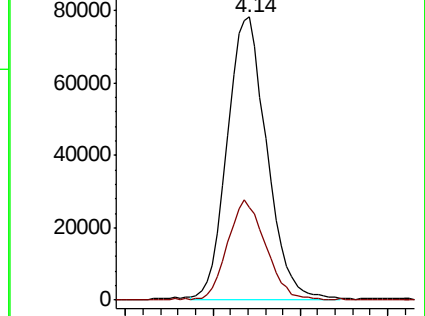
43 100

58 34.4 0.0 66.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 25.155 ug/L

RT: 4.37 min Scan# 457

Delta R.T. 0.00 min

Lab File: VW004639.D

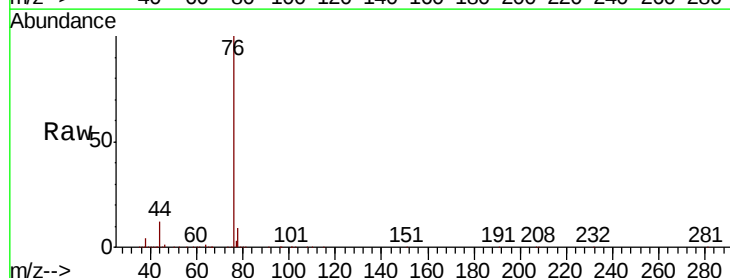
Acq: 13 Aug 2018 10:56

Tgt Ion: 76 Resp: 885379

Ion Ratio Lower Upper

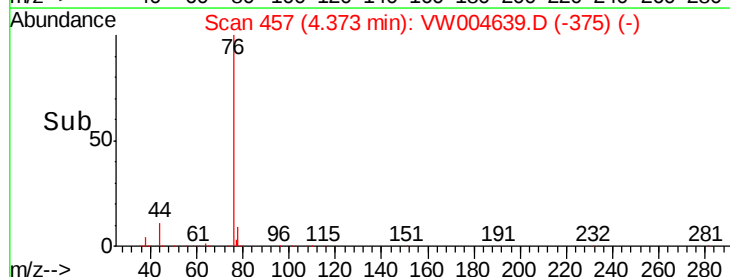
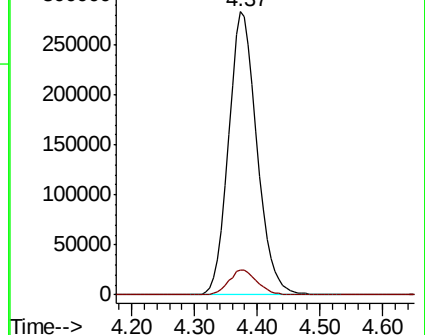
76 100

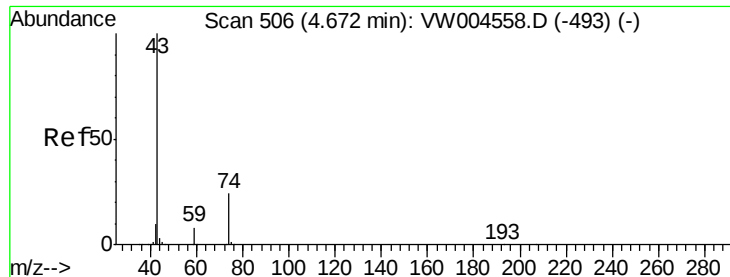
78 8.9 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

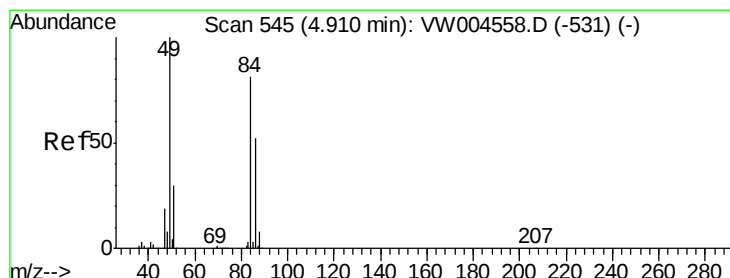
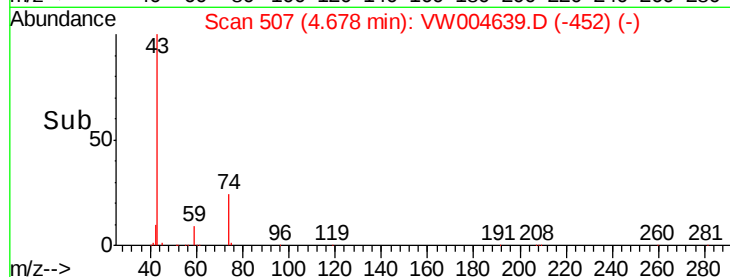
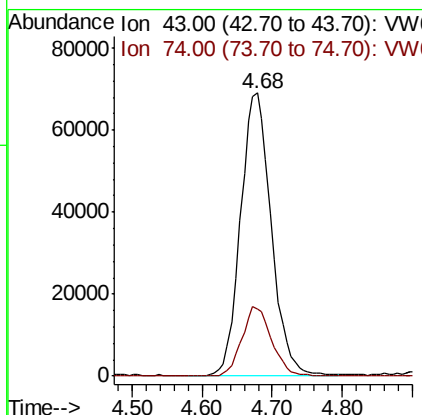
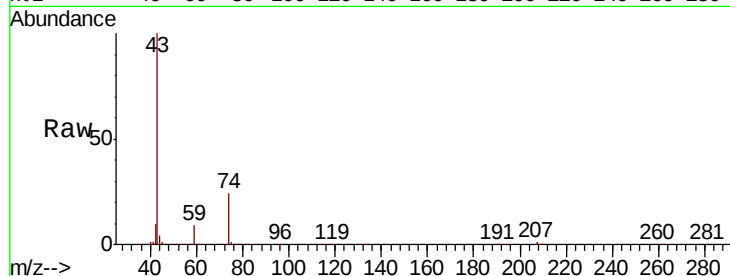




#15
Methyl Acetate
Concen: 26.069 ug/L
RT: 4.68 min Scan# 507
Delta R.T. 0.01 min
Lab File: VW004639.D
Acq: 13 Aug 2018 10:56

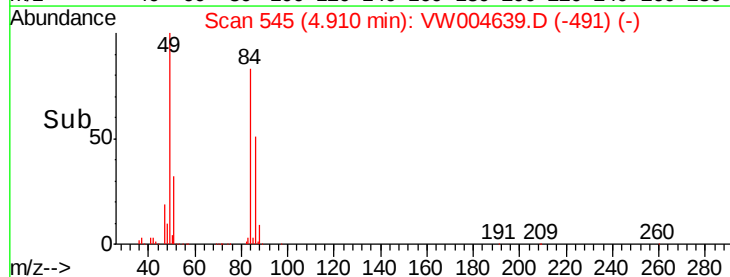
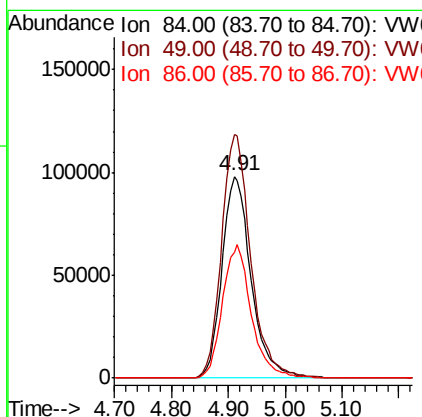
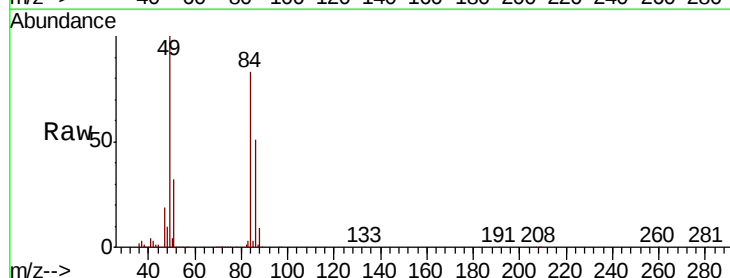
Instrument :
MSVOA_W
ClientSampleId :
BFB95

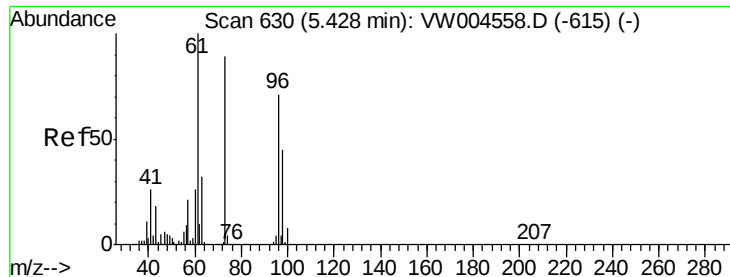
Tgt Ion: 43 Resp: 208929
Ion Ratio Lower Upper
43 100
74 24.1 18.6 28.0



#16
Methylene chloride
Concen: 21.320 ug/L
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004639.D
Acq: 13 Aug 2018 10:56

Tgt Ion: 84 Resp: 350451
Ion Ratio Lower Upper
84 100
49 120.9 86.0 159.6
86 62.2 43.5 80.9

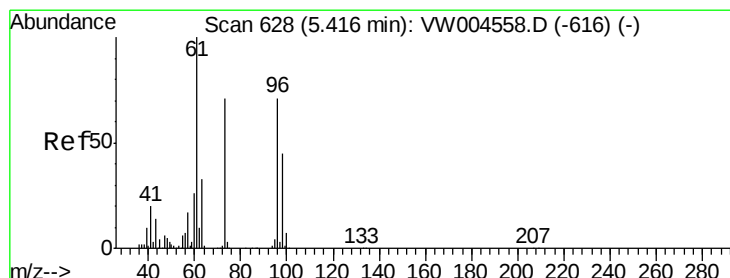
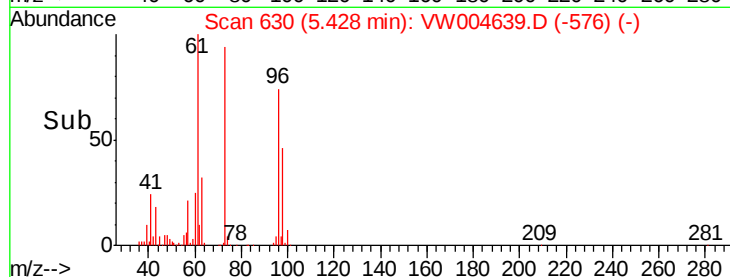
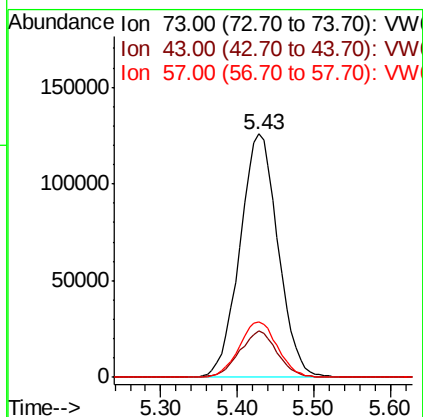
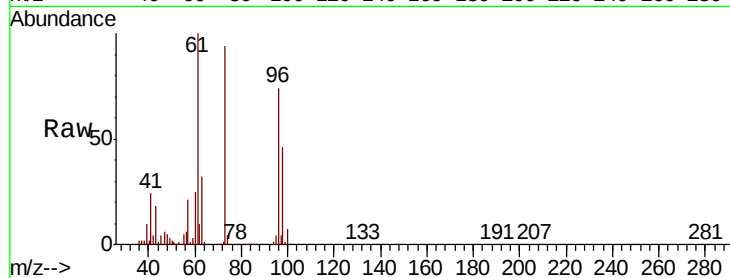




#17
Methyl tert-butyl Ether
Concen: 27.968 ug/L
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW004639.D
Acq: 13 Aug 2018 10:56

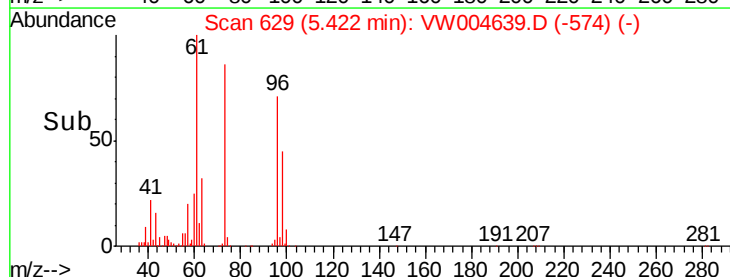
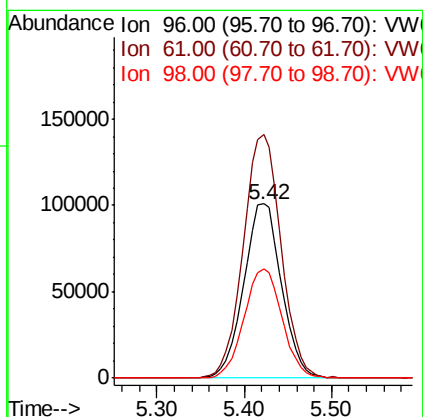
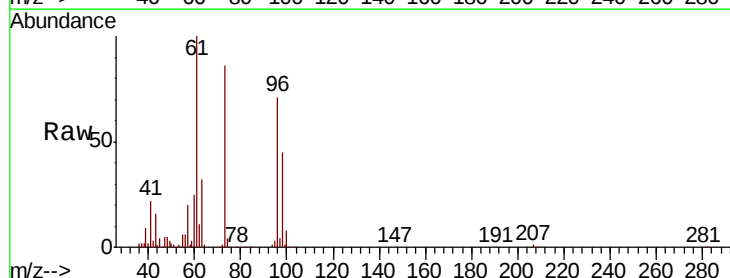
Instrument :
MSVOA_W
ClientSampleId :
BFB95

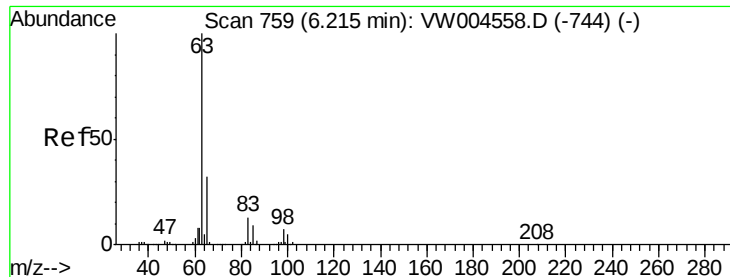
Tgt Ion: 73 Resp: 434406
Ion Ratio Lower Upper
73 100
43 18.6 16.2 24.2
57 23.1 18.9 28.3



#18
trans-1,2-Dichloroethene
Concen: 25.817 ug/L
RT: 5.42 min Scan# 629
Delta R.T. 0.01 min
Lab File: VW004639.D
Acq: 13 Aug 2018 10:56

Tgt Ion: 96 Resp: 302958
Ion Ratio Lower Upper
96 100
61 139.9 97.9 181.7
98 62.7 43.0 79.8

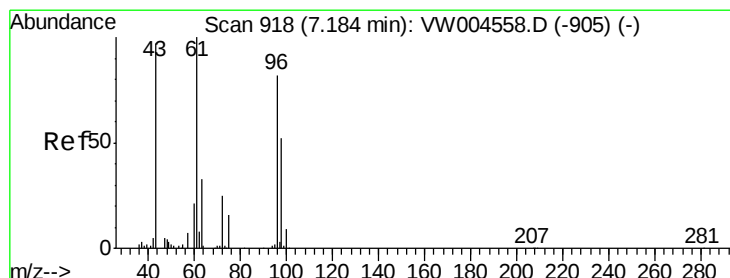
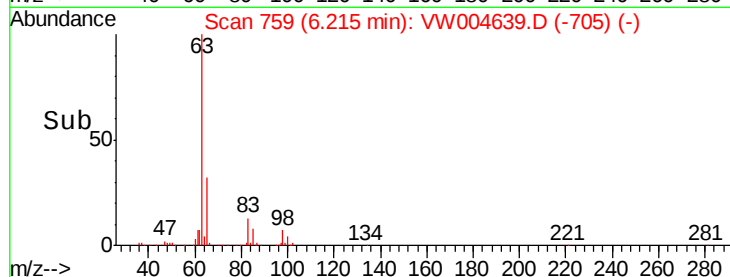
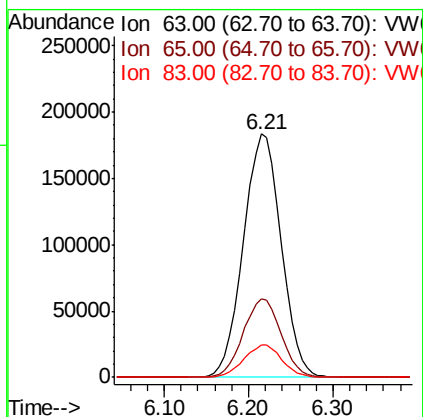
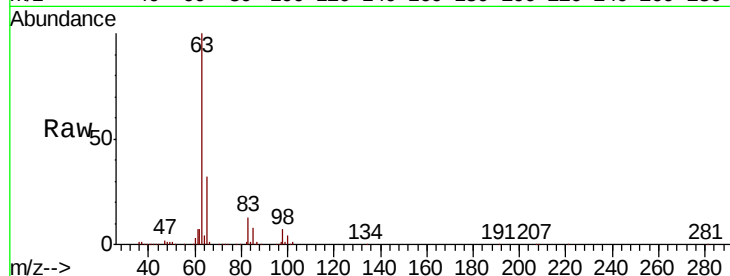




#19
 1,1-Dichloroethane
 Concen: 25.117 ug/L
 RT: 6.21 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: VW004639.D
 Acq: 13 Aug 2018 10:56

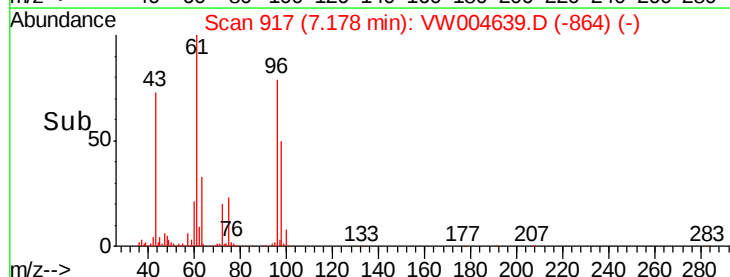
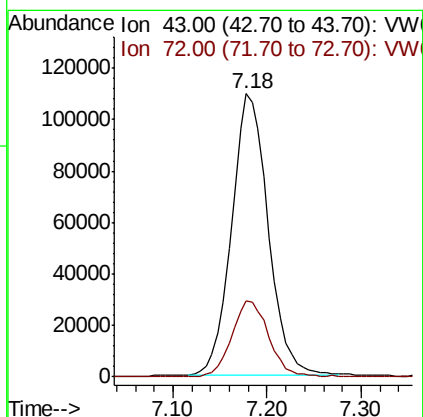
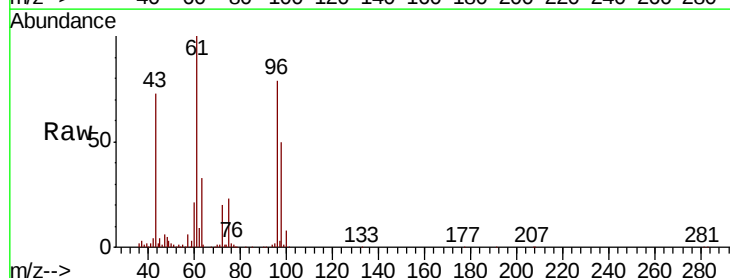
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB95

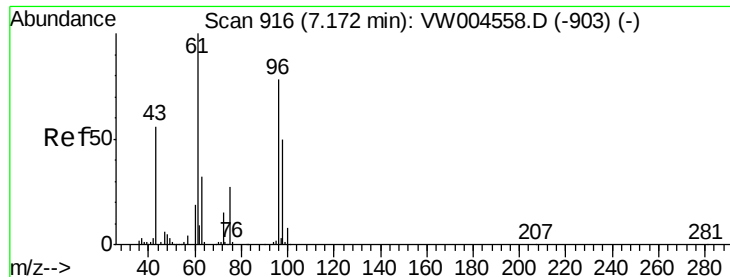
Tgt Ion: 63 Resp: 559298
 Ion Ratio Lower Upper
 63 100
 65 32.1 22.5 41.7
 83 13.1 9.3 17.3



#21
 2-Butanone
 Concen: 55.090 ug/L
 RT: 7.18 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: VW004639.D
 Acq: 13 Aug 2018 10:56

Tgt Ion: 43 Resp: 296505
 Ion Ratio Lower Upper
 43 100
 72 27.3 13.2 39.6



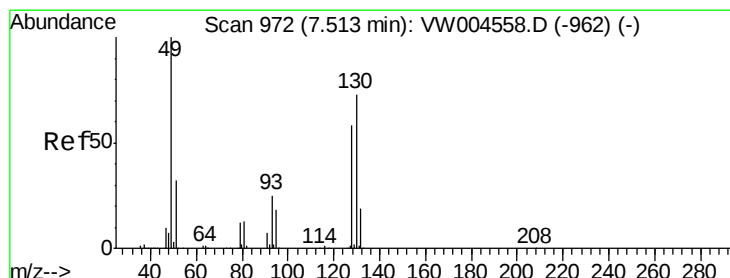
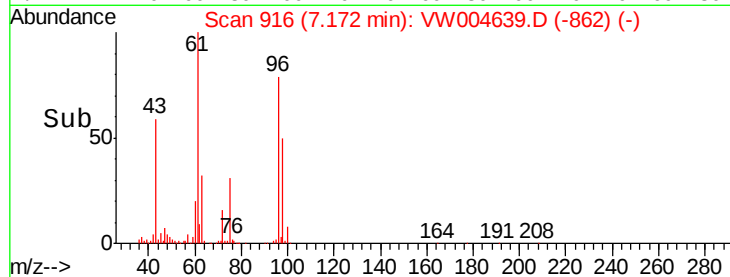
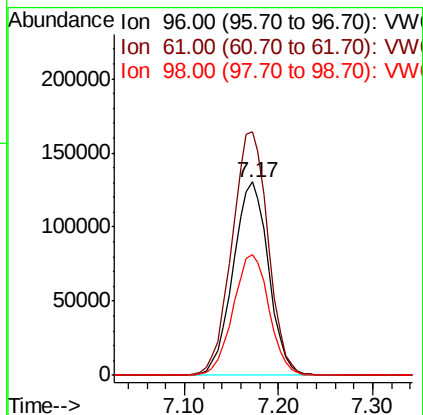
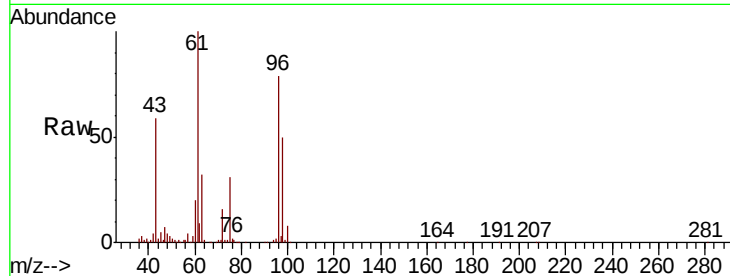


#22

cis-1,2-Dichloroethene
 Concen: 26.688 ug/L
 RT: 7.17 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: VW004639.D
 Acq: 13 Aug 2018 10:56

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB95

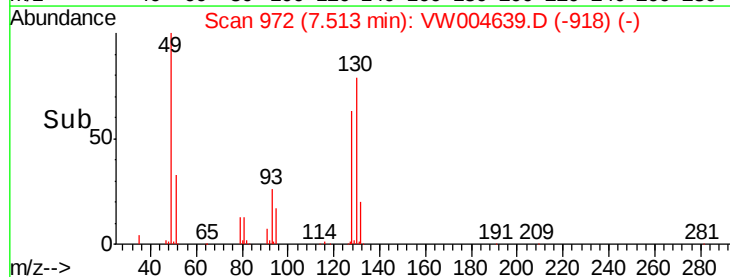
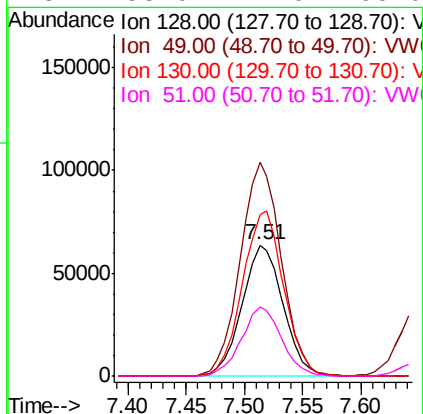
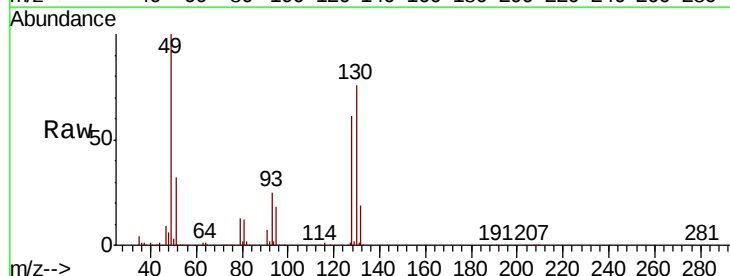
Tgt Ion: 96 Resp: 341829
 Ion Ratio Lower Upper
 96 100
 61 125.8 92.5 171.7
 98 62.4 44.1 81.9

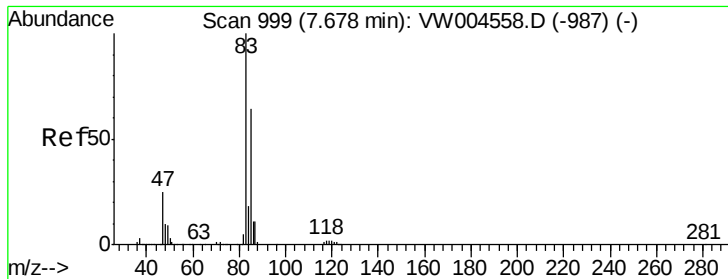


#23

Bromochloromethane
 Concen: 25.436 ug/L
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW004639.D
 Acq: 13 Aug 2018 10:56

Tgt Ion: 128 Resp: 155931
 Ion Ratio Lower Upper
 128 100
 49 163.5 122.0 226.6
 130 123.7 88.8 164.8
 51 53.0 44.0 66.0





#25

Chloroform

Concen: 24.767 ug/L

RT: 7.68 min Scan# 999

Delta R.T. 0.00 min

Lab File: VW004639.D

Acq: 13 Aug 2018 10:56

Instrument :

MSVOA_W

ClientSampled :

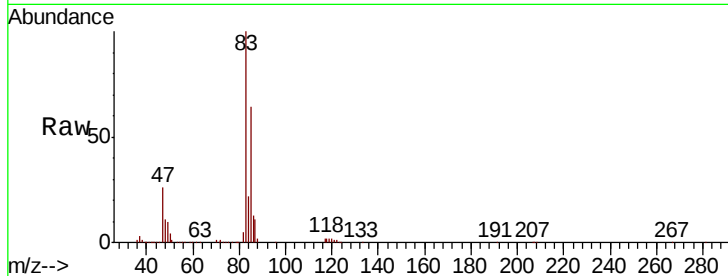
BFB95

Tgt Ion: 83 Resp: 562932

Ion Ratio Lower Upper

83 100

85 65.0 45.7 84.9



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

7.68

250000

200000

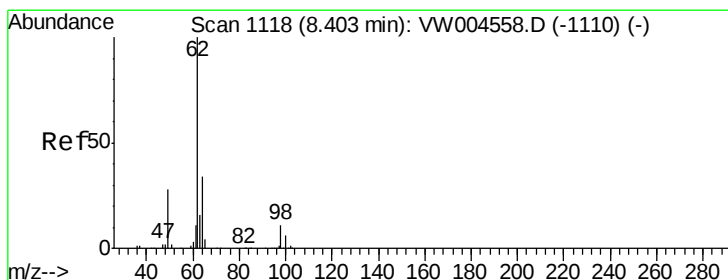
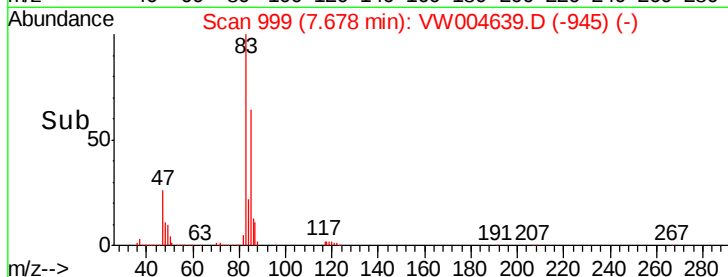
150000

100000

50000

0

Time-->



#27

1,2-Dichloroethane

Concen: 23.319 ug/L

RT: 8.40 min Scan# 1118

Delta R.T. 0.00 min

Lab File: VW004639.D

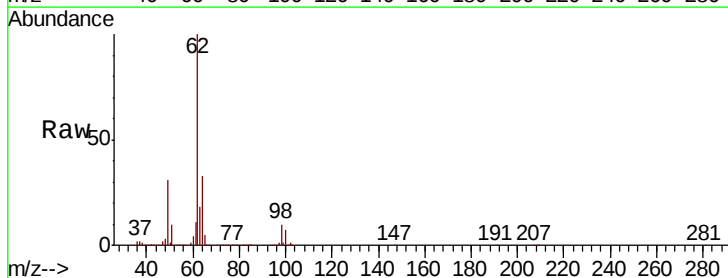
Acq: 13 Aug 2018 10:56

Tgt Ion: 62 Resp: 356080

Ion Ratio Lower Upper

62 100

98 10.0 7.6 11.4



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 98.00 (97.70 to 98.70): VW

8.40

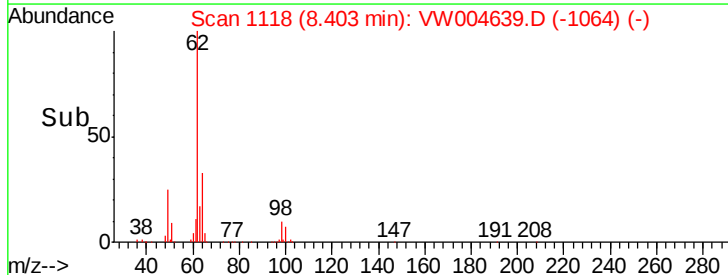
150000

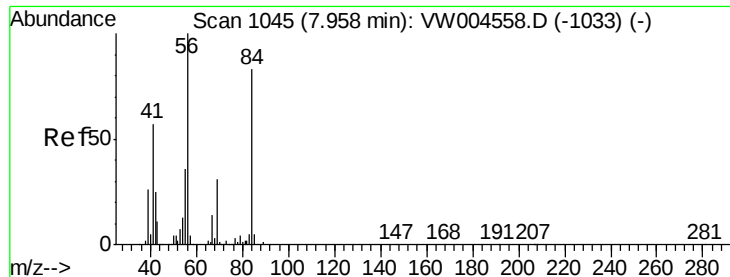
100000

50000

0

Time-->

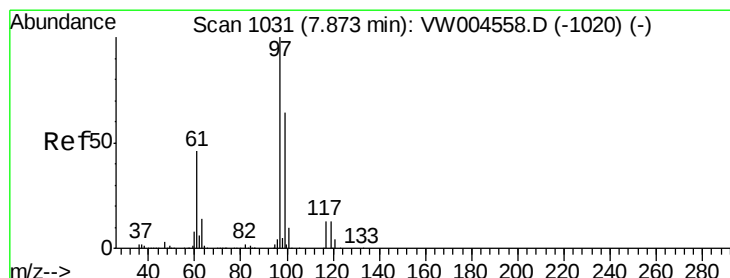
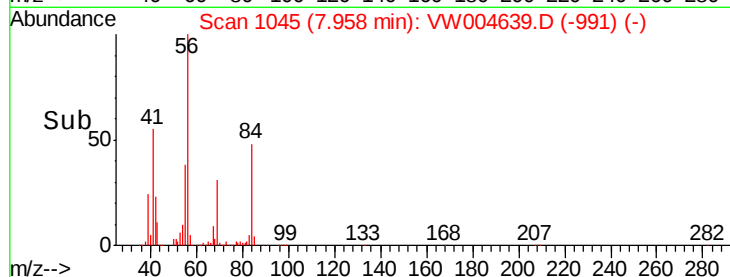
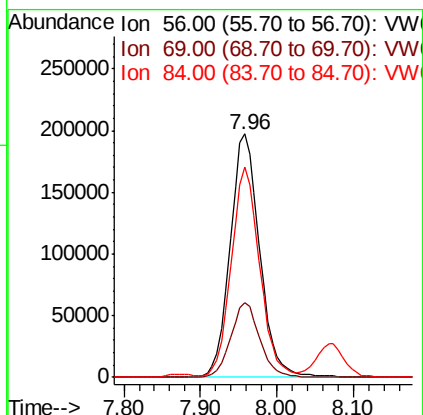
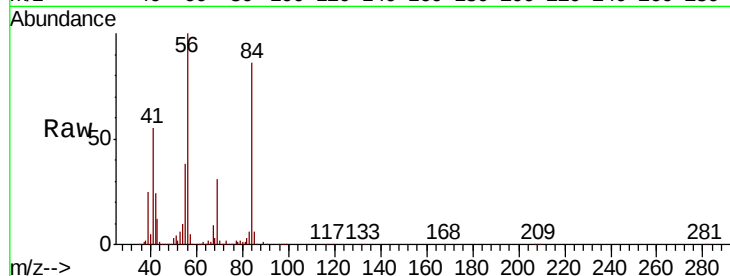




#30
Cyclohexane
Concen: 27.885 ug/L
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW004639.D
Acq: 13 Aug 2018 10:56

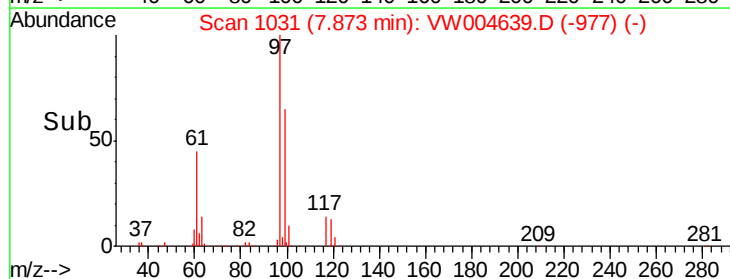
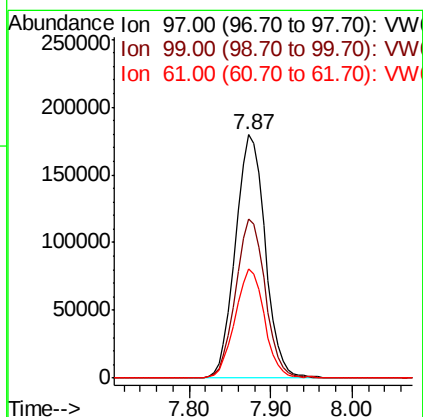
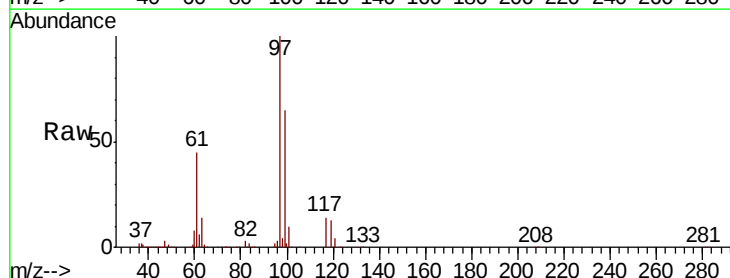
Instrument :
MSVOA_W
ClientSampled :
BFB95

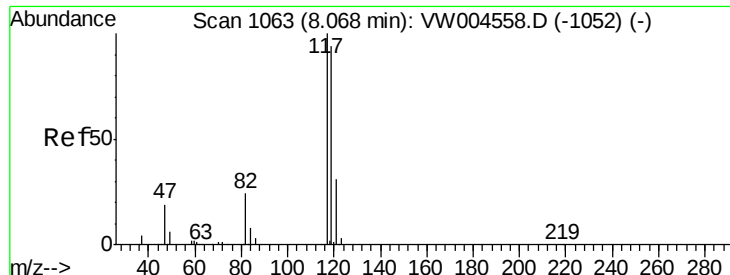
Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.1	24.0	36.0
84	83.2	66.7	100.1



#31
1,1,1-Trichloroethane
Concen: 26.785 ug/L
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW004639.D
Acq: 13 Aug 2018 10:56

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.8	77.6
61	44.2	37.3	55.9





#32

Carbon tetrachloride

Concen: 26.165 ug/L

RT: 8.07 min Scan# 1063

Delta R.T. 0.00 min

Lab File: VW004639.D

Acq: 13 Aug 2018 10:56

Instrument :

MSVOA_W

ClientSampleId :

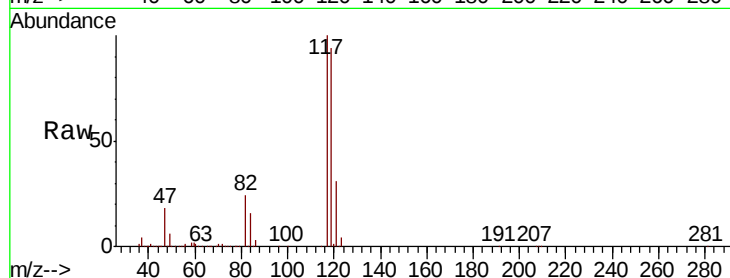
BFB95

Tgt Ion:117 Resp: 427838

Ion Ratio Lower Upper

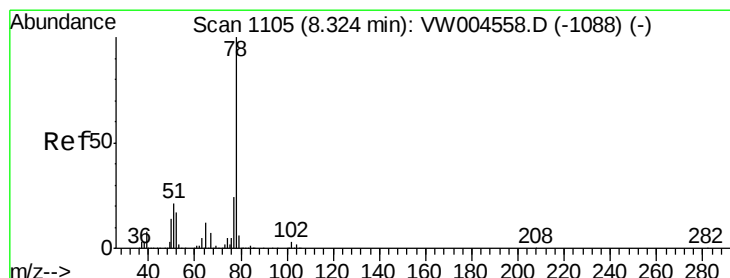
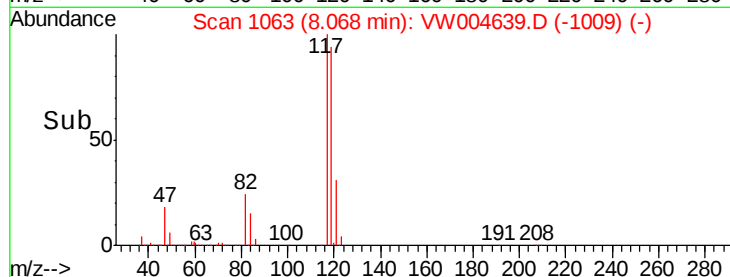
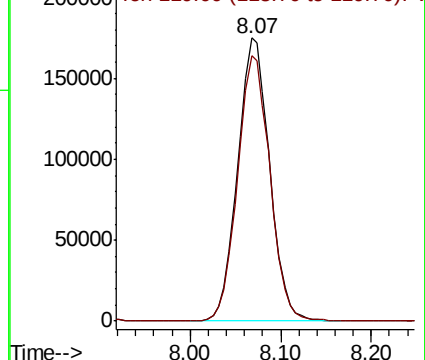
117 100

119 95.0 76.5 114.7



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Benzene

Concen: 25.540 ug/L

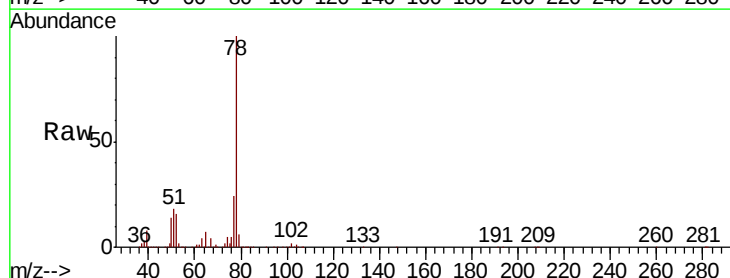
RT: 8.33 min Scan# 1106

Delta R.T. 0.01 min

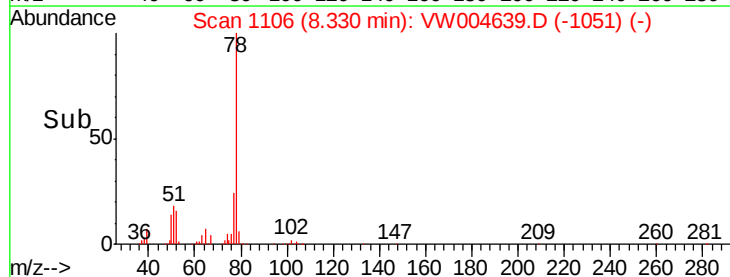
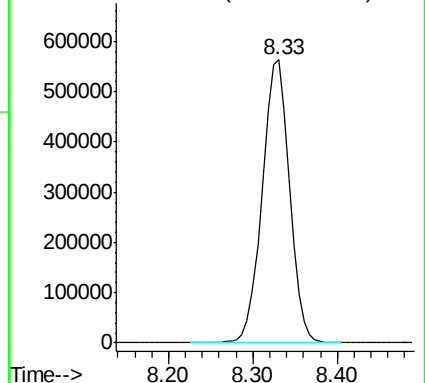
Lab File: VW004639.D

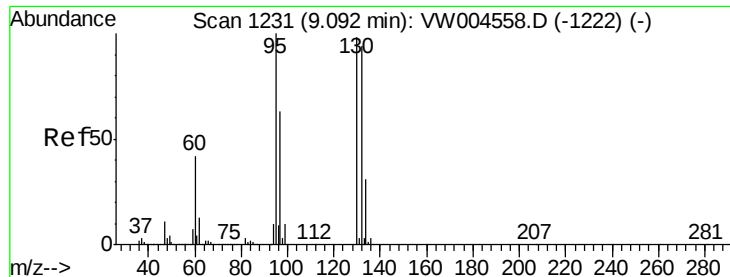
Acq: 13 Aug 2018 10:56

Tgt Ion: 78 Resp: 1257504



Abundance Ion 78.00 (77.70 to 78.70): VW

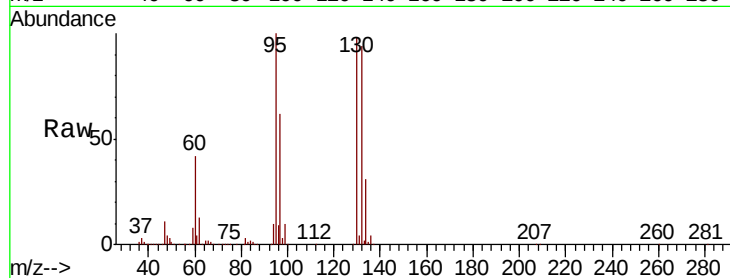




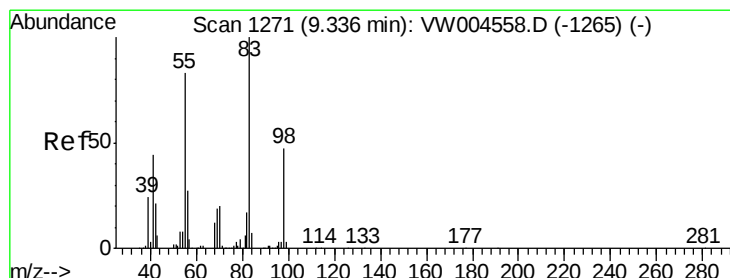
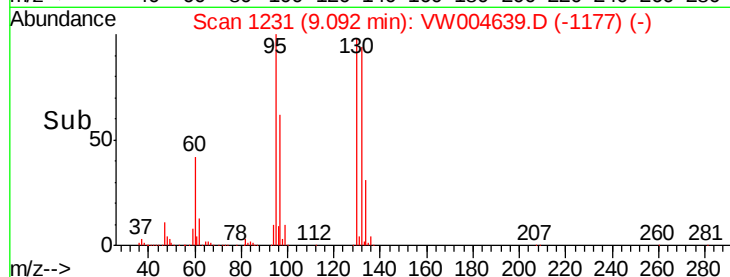
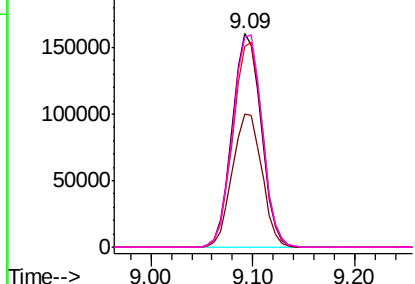
#35
 Trichloroethene
 Concen: 25.441 ug/L
 RT: 9.09 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: VW004639.D
 Acq: 13 Aug 2018 10:56

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB95

Tgt Ion:	95	Resp:	315077
Ion	Ratio	Lower	Upper
95	100		
97	63.9	44.9	83.5
132	97.7	67.6	125.6
130	101.1	69.1	128.3

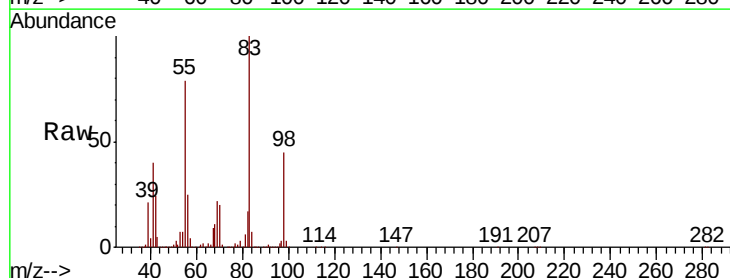


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

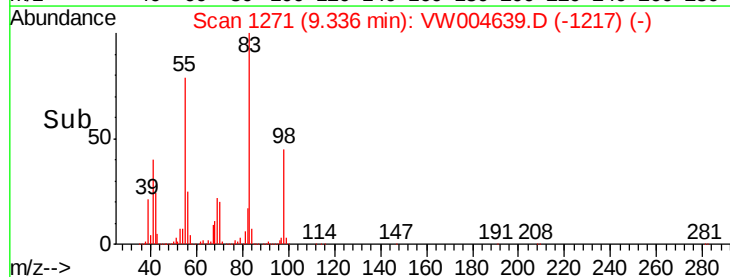
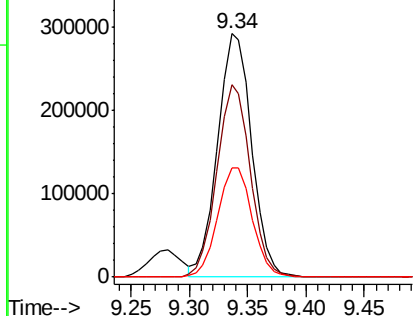


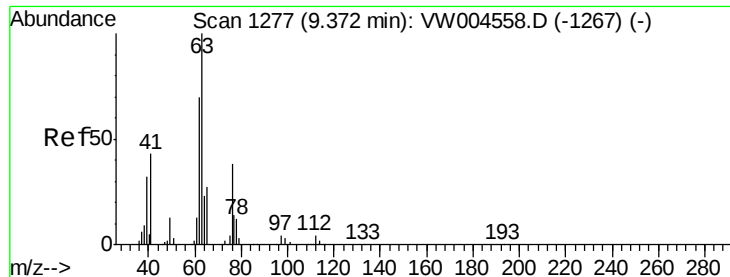
#36
 Methylcyclohexane
 Concen: 27.208 ug/L
 RT: 9.34 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VW004639.D
 Acq: 13 Aug 2018 10:56

Tgt Ion:	83	Resp:	591511
Ion	Ratio	Lower	Upper
83	100		
55	77.8	62.8	94.2
98	45.6	36.6	54.8



Abundance Ion 83.00 (82.70 to 83.70): VW
 Ion 55.00 (54.70 to 55.70): VW
 Ion 98.00 (97.70 to 98.70): VW

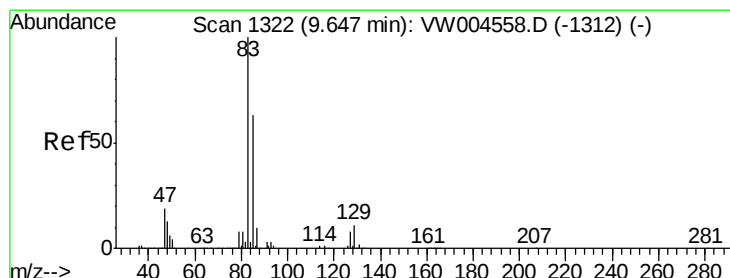
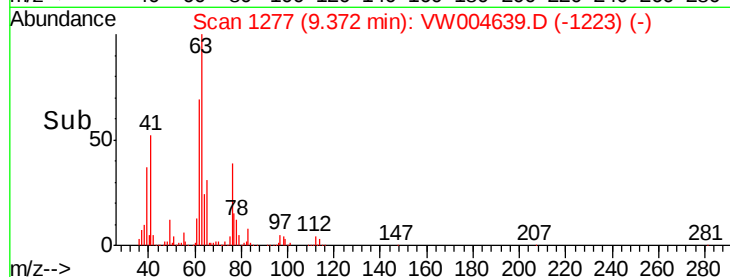
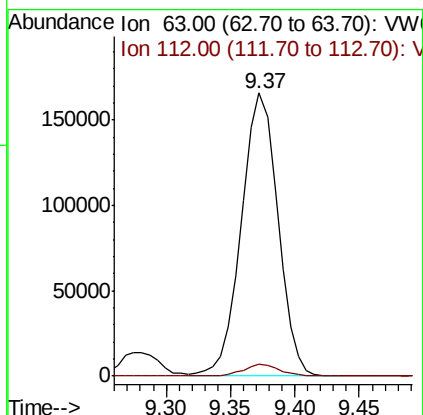
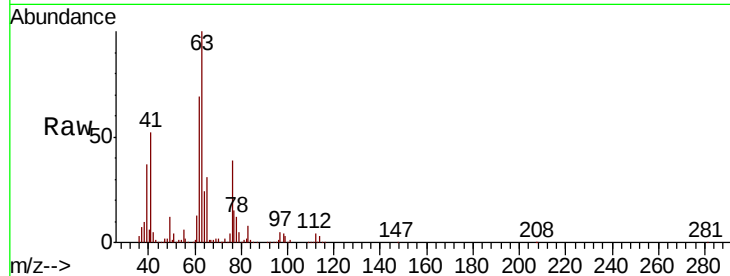




#40
 1,2-Dichloropropane
 Concen: 25.038 ug/L
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004639.D
 Acq: 13 Aug 2018 10:56

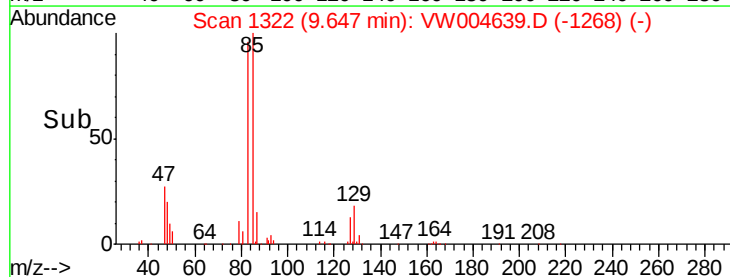
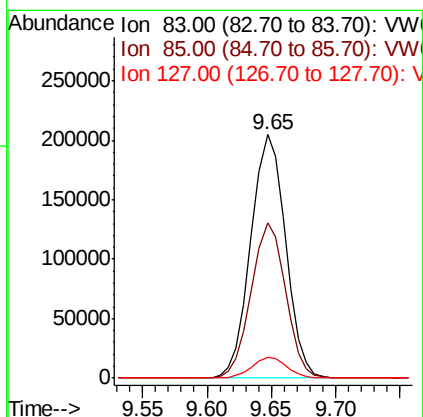
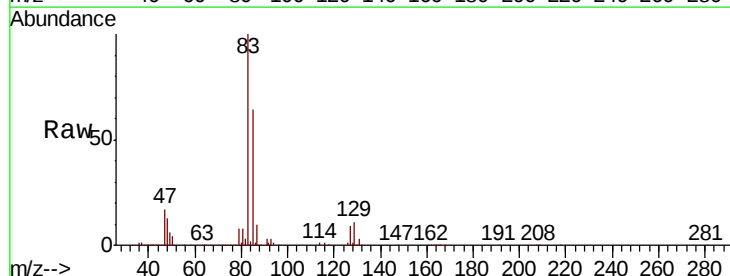
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB95

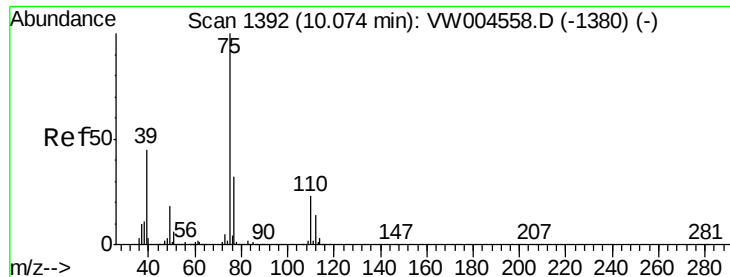
Tgt Ion: 63 Resp: 326495
 Ion Ratio Lower Upper
 63 100
 112 4.1 3.0 4.6



#41
 Bromodichloromethane
 Concen: 24.447 ug/L
 RT: 9.65 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VW004639.D
 Acq: 13 Aug 2018 10:56

Tgt Ion: 83 Resp: 382941
 Ion Ratio Lower Upper
 83 100
 85 63.9 43.7 81.1
 127 8.6 6.6 10.0





#42

cis-1,3-Dichloropropene

Concen: 26.076 ug/L

RT: 10.08 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW004639.D

Acq: 13 Aug 2018 10:56

Instrument :

MSVOA_W

ClientSampleId :

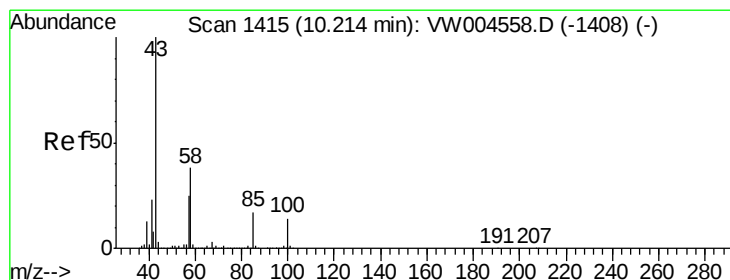
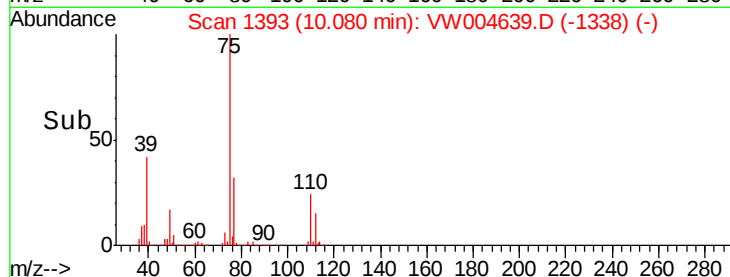
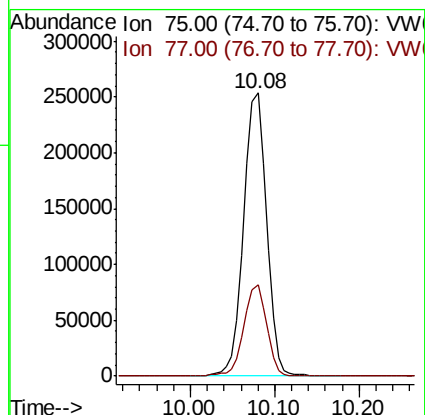
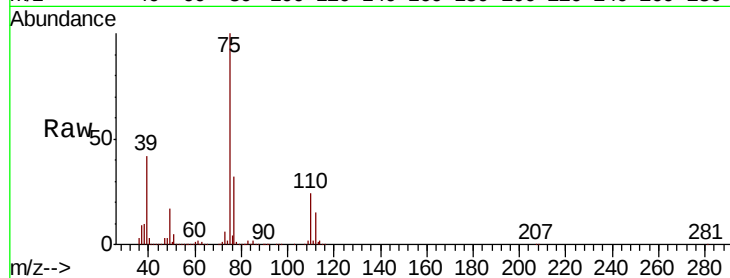
BFB95

Tgt Ion: 75 Resp: 465151

Ion Ratio Lower Upper

75 100

77 32.4 22.5 41.7



#43

4-Methyl-2-pentanone

Concen: 53.882 ug/L

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW004639.D

Acq: 13 Aug 2018 10:56

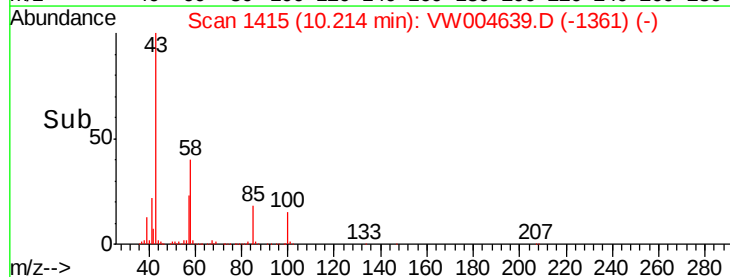
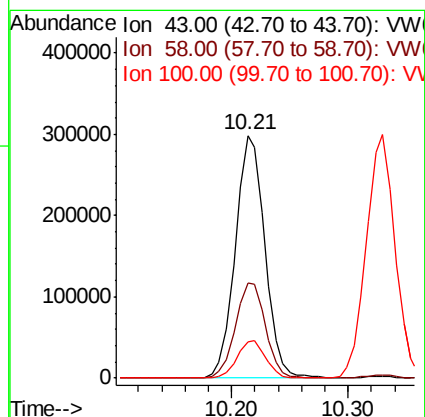
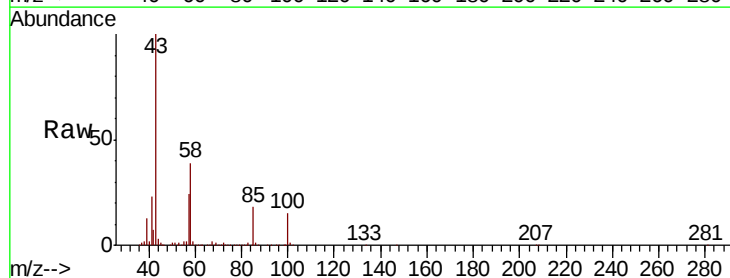
Tgt Ion: 43 Resp: 526831

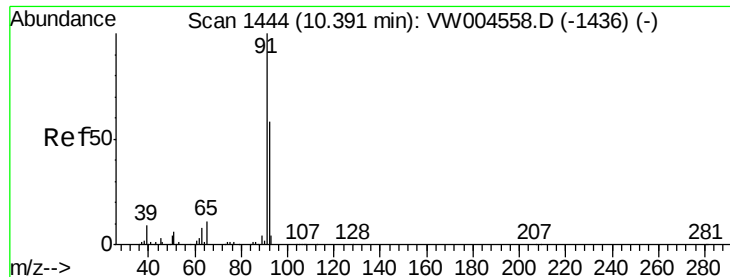
Ion Ratio Lower Upper

43 100

58 40.0 31.5 47.3

100 15.2 11.7 17.5





#44

Toluene

Concen: 26.953 ug/L

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004639.D

Acq: 13 Aug 2018 10:56

Instrument :

MSVOA_W

ClientSampleId :

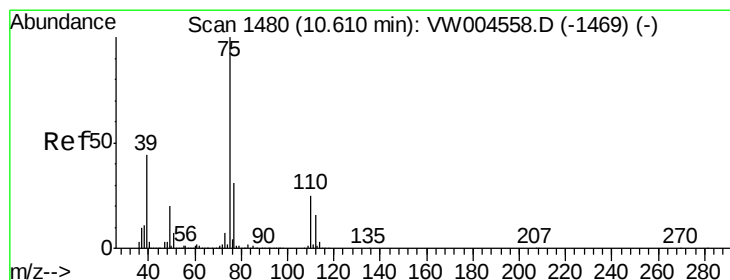
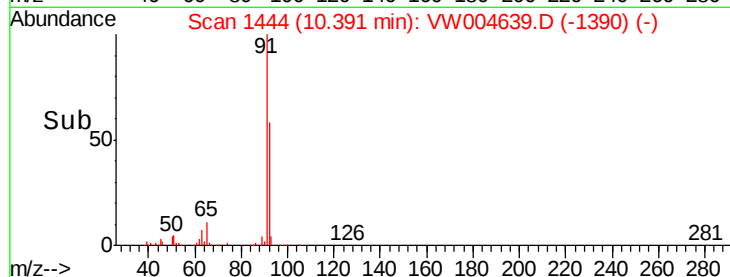
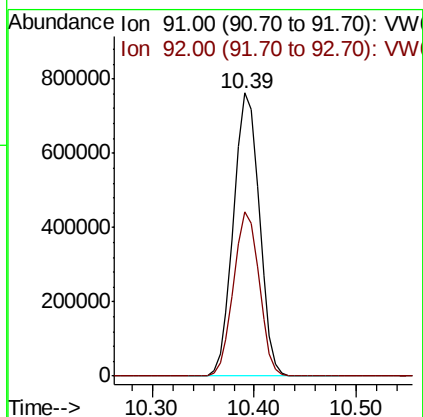
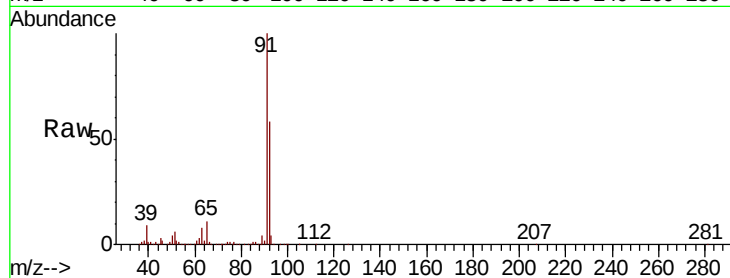
BFB95

Tgt Ion: 91 Resp: 1335459

Ion Ratio Lower Upper

91 100

92 58.2 40.8 75.8



#45

trans-1,3-Dichloropropene

Concen: 26.216 ug/L

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW004639.D

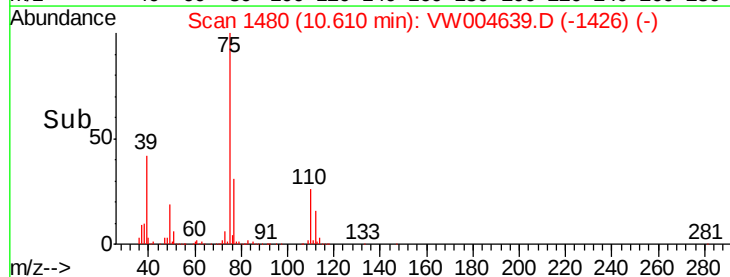
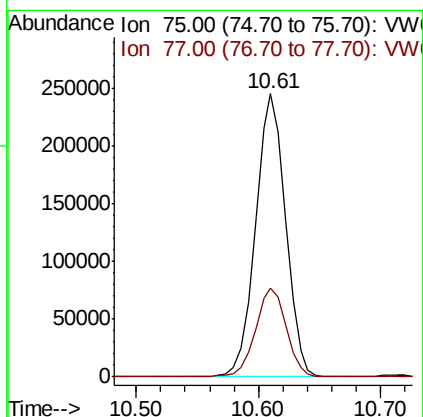
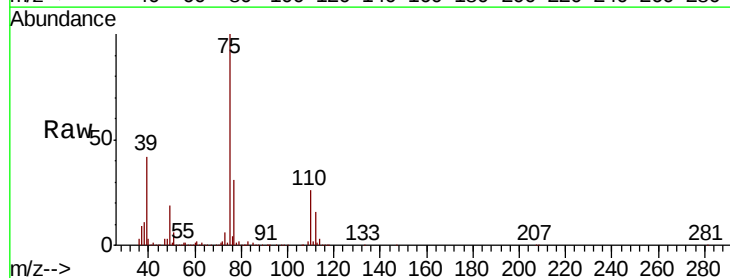
Acq: 13 Aug 2018 10:56

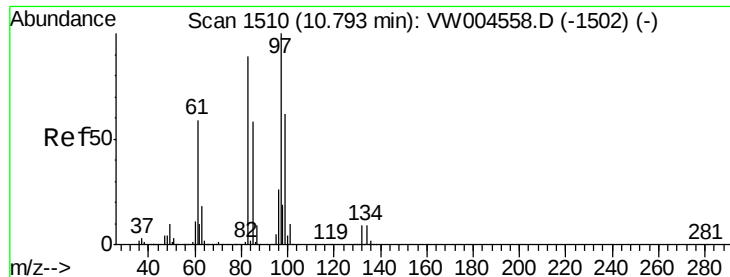
Tgt Ion: 75 Resp: 420371

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.6

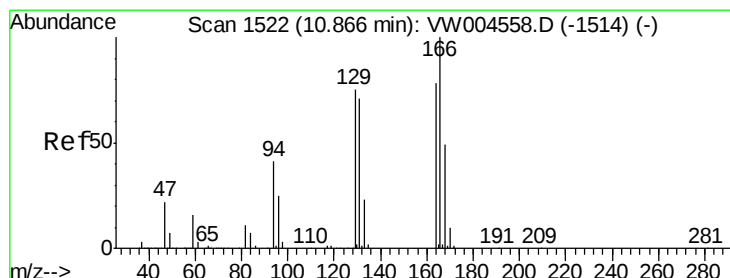
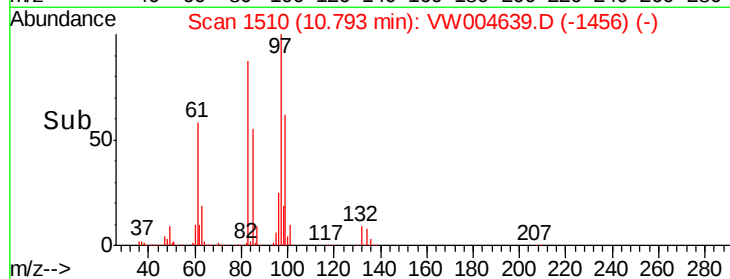
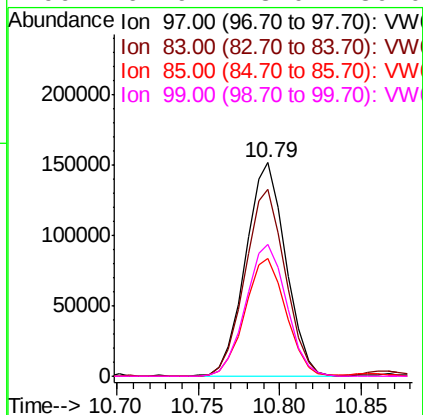
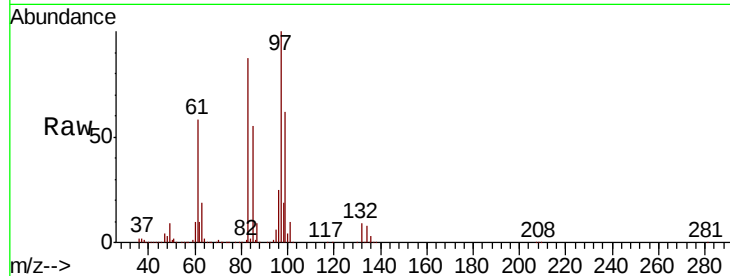




#46
 1,1,2-Trichloroethane
 Concen: 25.582 ug/L
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW004639.D
 Acq: 13 Aug 2018 10:56

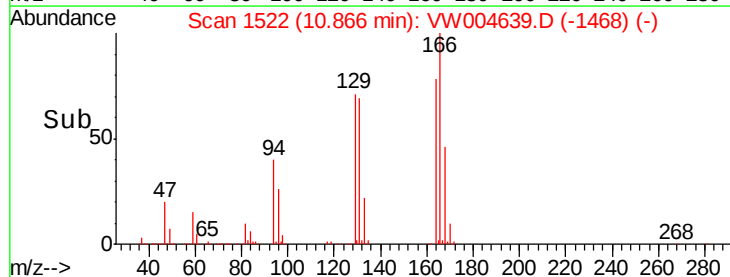
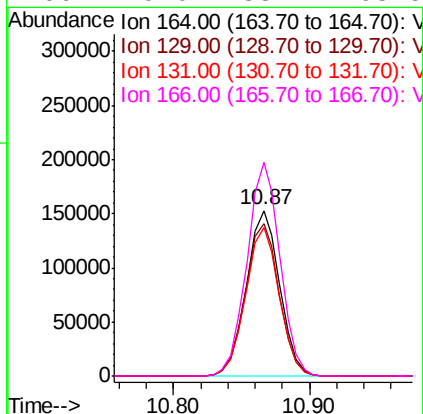
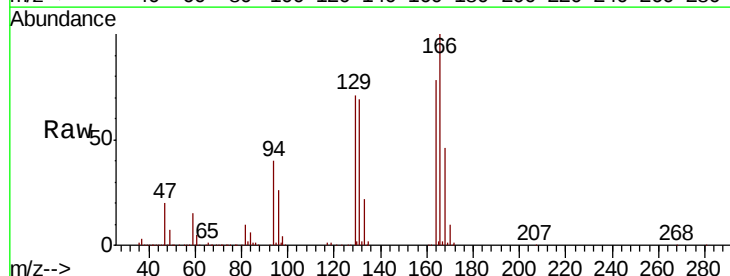
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB95

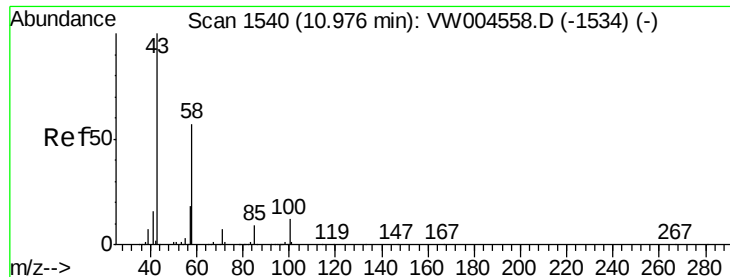
Tgt Ion:	97	Resp:	259342
Ion	Ratio	Lower	Upper
97	100		
83	87.3	61.8	114.8
85	55.4	38.8	72.0
99	61.9	43.0	80.0



#47
 Tetrachloroethene
 Concen: 26.721 ug/L
 RT: 10.87 min Scan# 1522
 Delta R.T. 0.00 min
 Lab File: VW004639.D
 Acq: 13 Aug 2018 10:56

Tgt Ion:	164	Resp:	261835
Ion	Ratio	Lower	Upper
164	100		
129	91.8	65.4	121.4
131	89.5	63.8	118.6
166	129.0	88.1	163.5

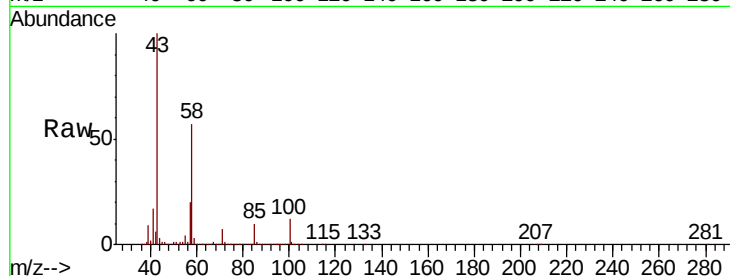




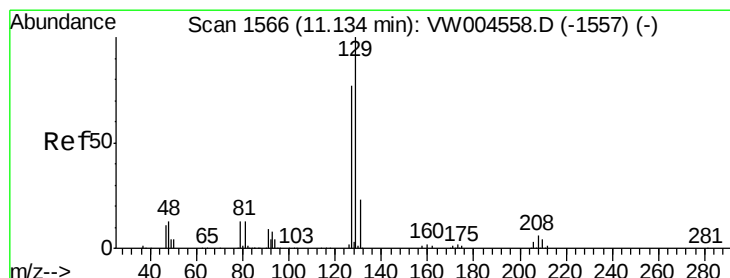
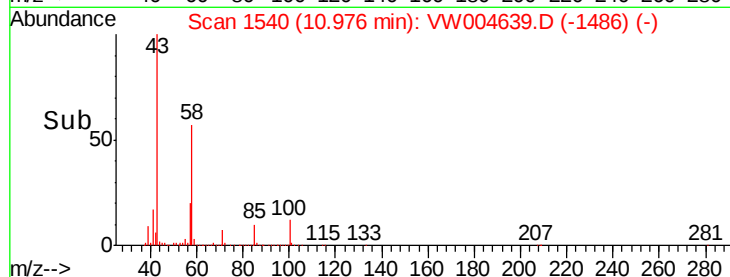
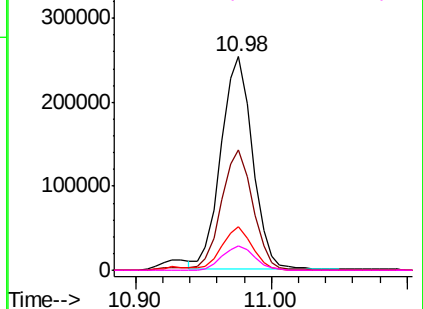
#49
2-Hexanone
Concen: 55.920 ug/L
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004639.D
Acq: 13 Aug 2018 10:56

Instrument :
MSVOA_W
ClientSampleId :
BFB95

Tgt Ion: 43 Resp: 410881
Ion Ratio Lower Upper
43 100
58 56.2 43.4 65.0
57 19.4 15.0 22.6
100 11.6 8.9 13.3

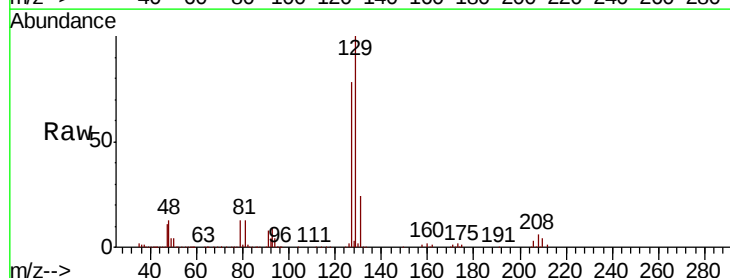


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW
Ion 57.00 (56.70 to 57.70): VW
Ion 100.00 (99.70 to 100.70): VW

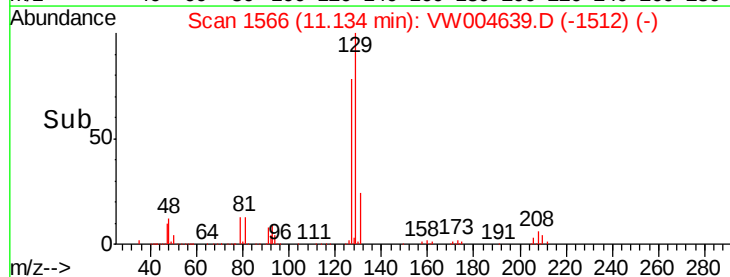
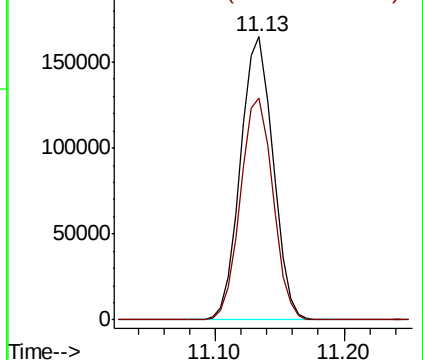


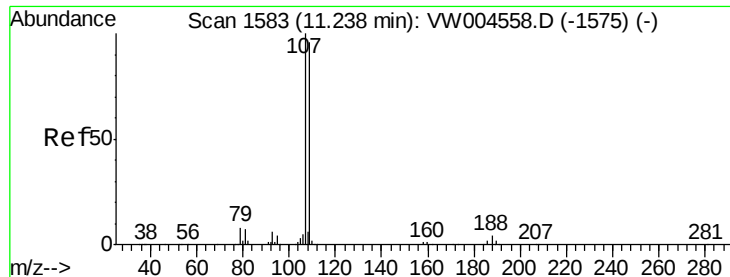
#50
Dibromochloromethane
Concen: 25.628 ug/L
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW004639.D
Acq: 13 Aug 2018 10:56

Tgt Ion: 129 Resp: 288212
Ion Ratio Lower Upper
129 100
127 78.2 54.1 100.5



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

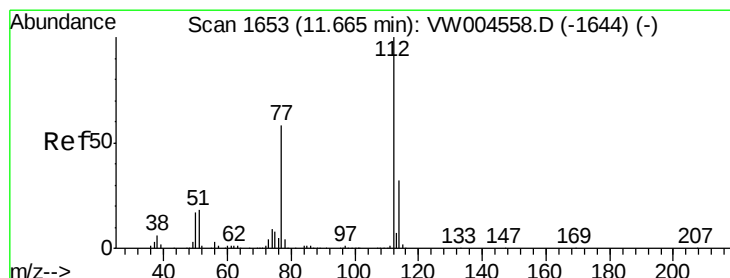
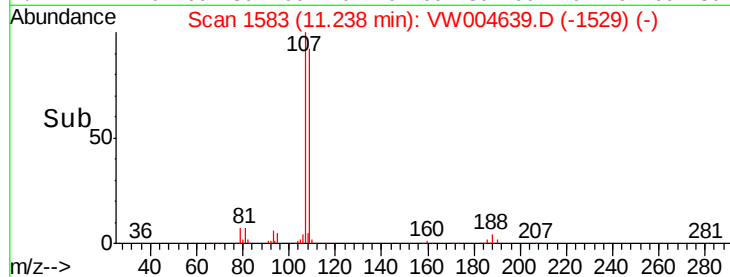
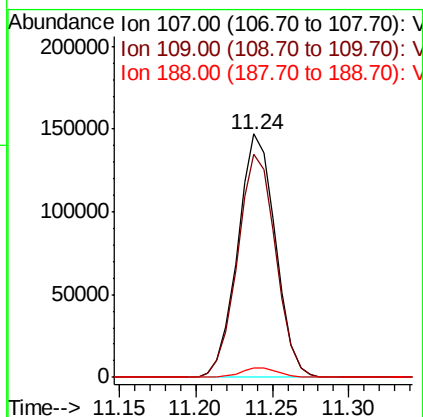
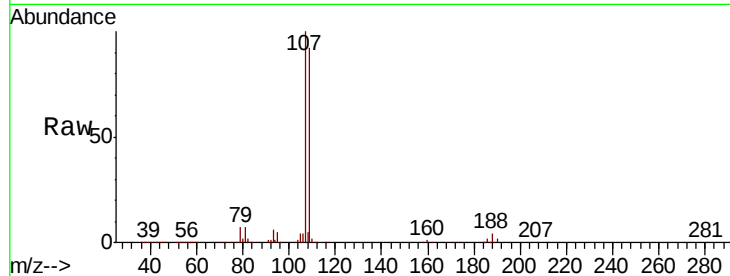




#51
1,2-Dibromoethane
Concen: 25.938 ug/L
RT: 11.24 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VW004639.D
Acq: 13 Aug 2018 10:56

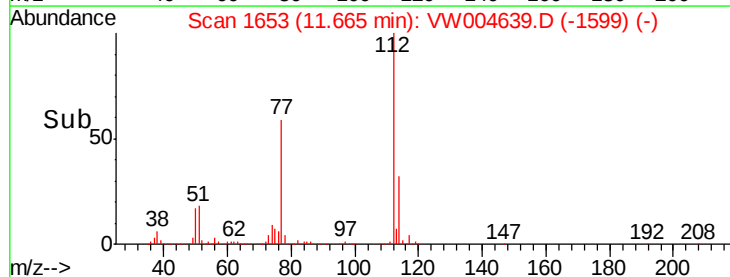
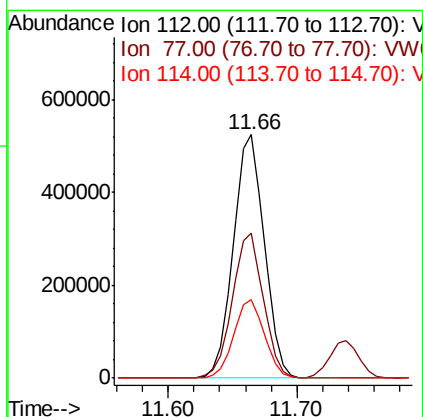
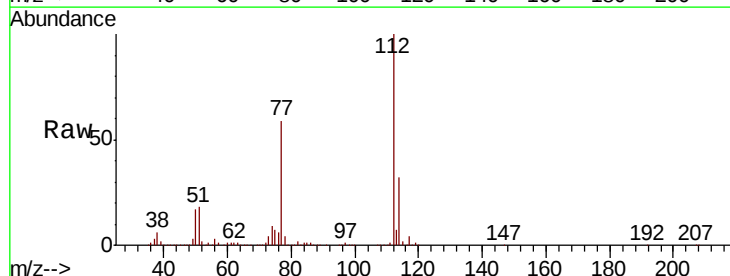
Instrument :
MSVOA_W
ClientSampleId :
BFB95

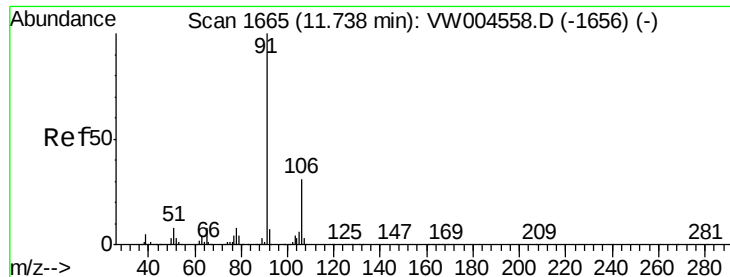
Tgt Ion	Ratio	Lower	Upper
107	100		
109	91.7	66.8	124.2
188	3.9	2.6	3.8#



#52
Chlorobenzene
Concen: 26.029 ug/L
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW004639.D
Acq: 13 Aug 2018 10:56

Tgt Ion	Ratio	Lower	Upper
112	100		
77	59.4	46.5	69.7
114	32.2	22.0	41.0

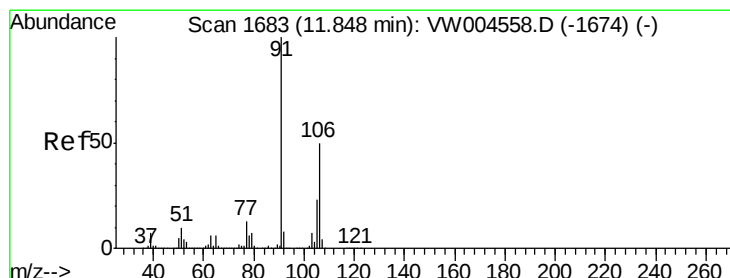
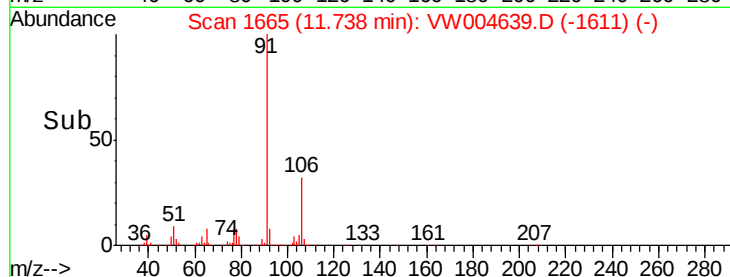
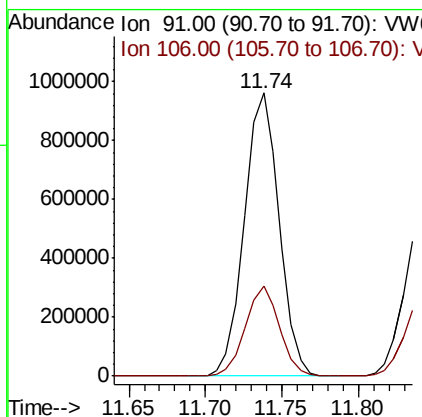
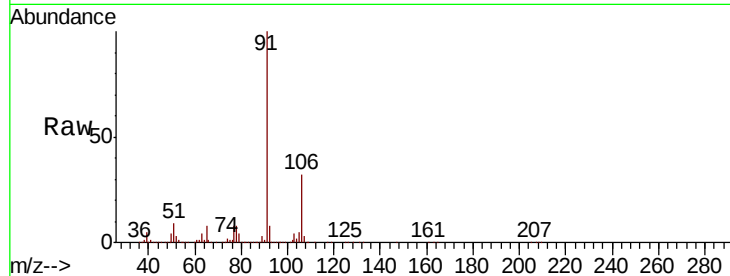




#53
Ethylbenzene
Concen: 27.223 ug/L
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004639.D
Acq: 13 Aug 2018 10:56

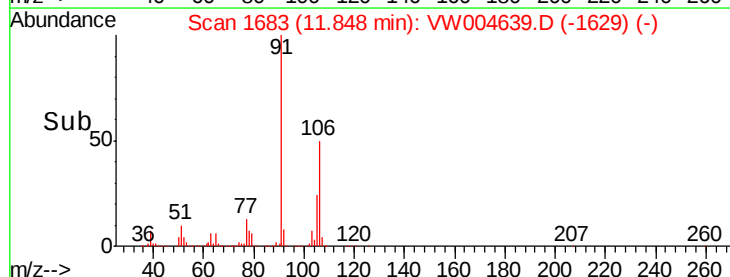
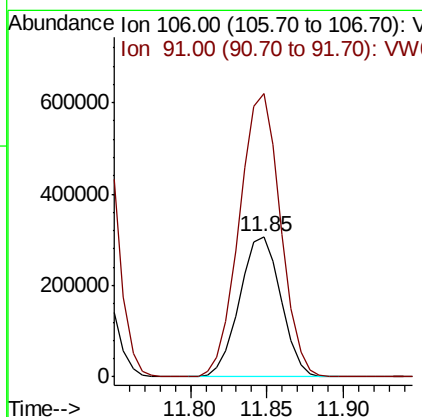
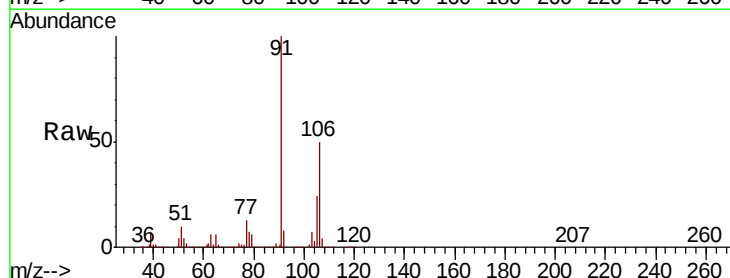
Instrument :
MSVOA_W
ClientSampleId :
BFB95

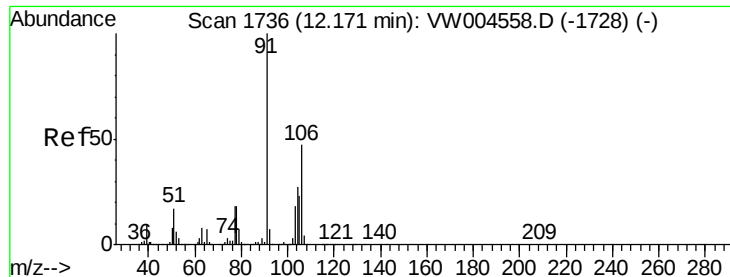
Tgt Ion: 91 Resp: 1515725
Ion Ratio Lower Upper
91 100
106 31.6 21.6 40.0



#54
m,p-Xylene
Concen: 27.745 ug/L
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW004639.D
Acq: 13 Aug 2018 10:56

Tgt Ion: 106 Resp: 576340
Ion Ratio Lower Upper
106 100
91 201.3 143.0 265.6





#55

o-xylene

Concen: 27.900 ug/L

RT: 12.17 min Scan# 1736

Delta R.T. 0.00 min

Lab File: VW004639.D

Acq: 13 Aug 2018 10:56

Instrument :

MSVOA_W

ClientSampled :

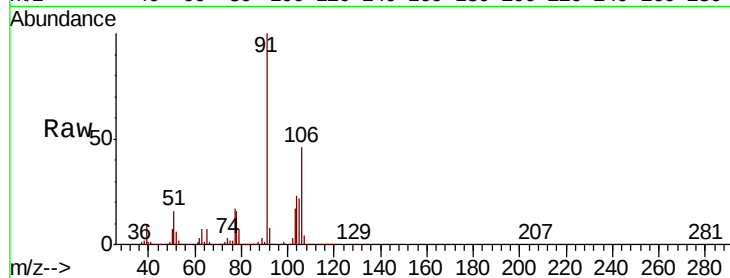
BFB95

Tgt Ion:106 Resp: 549155

Ion Ratio Lower Upper

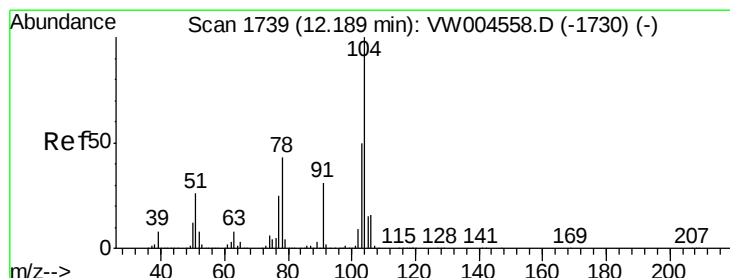
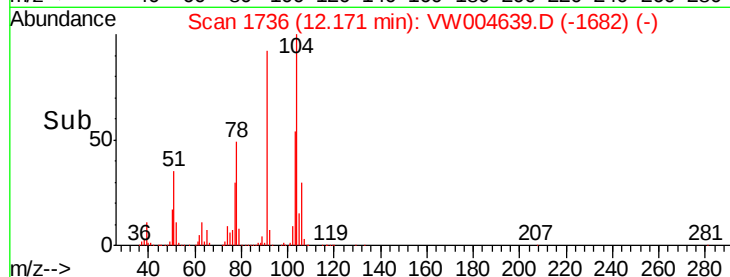
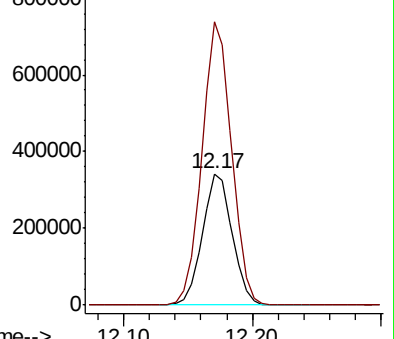
106 100

91 215.6 152.0 282.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#56

Styrene

Concen: 28.083 ug/L

RT: 12.19 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VW004639.D

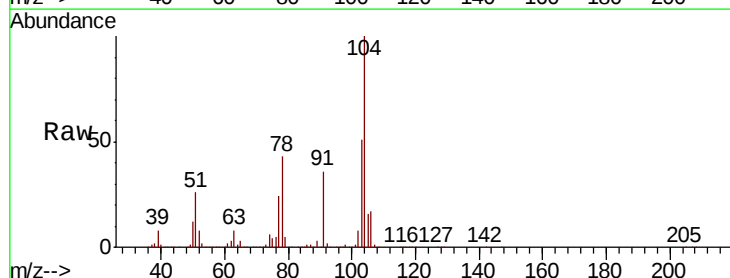
Acq: 13 Aug 2018 10:56

Tgt Ion:104 Resp: 963190

Ion Ratio Lower Upper

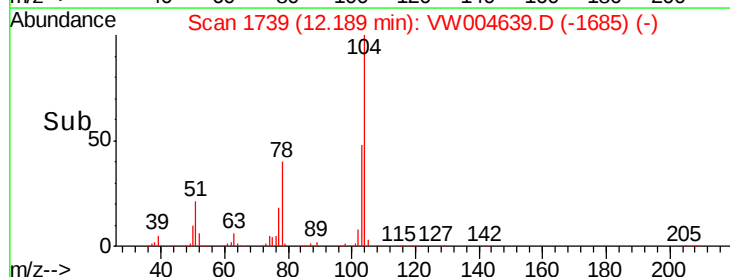
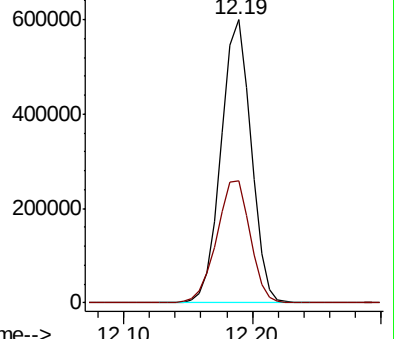
104 100

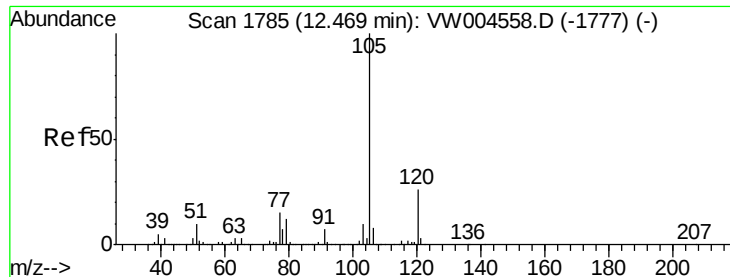
78 43.1 30.8 57.2



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW





#57

Isopropylbenzene

Concen: 28.846 ug/L

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004639.D

Acq: 13 Aug 2018 10:56

Instrument :

MSVOA_W

ClientSampled :

BFB95

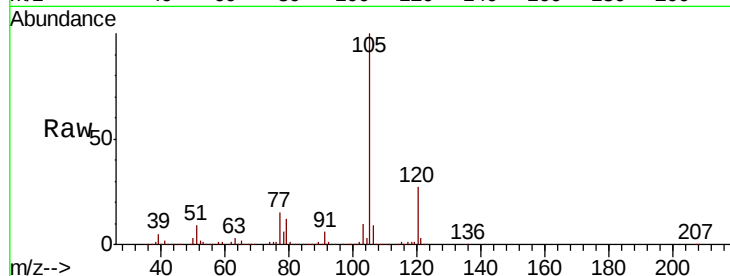
Tgt Ion:105 Resp: 1536870

Ion Ratio Lower Upper

105 100

120 26.5 21.0 31.4

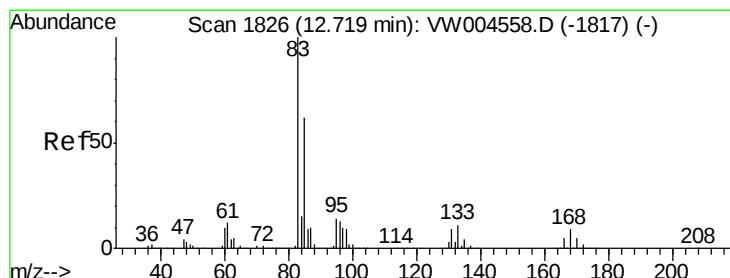
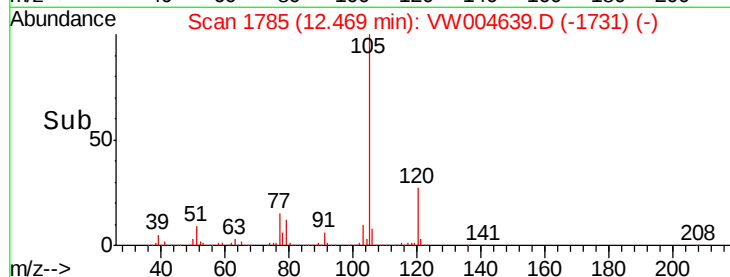
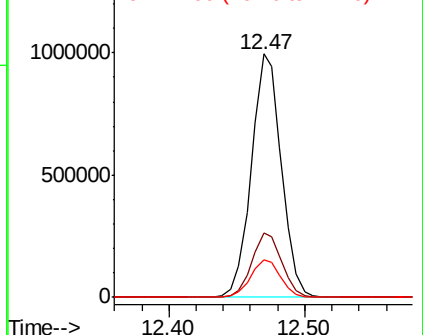
77 15.2 12.4 18.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 25.950 ug/L

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004639.D

Acq: 13 Aug 2018 10:56

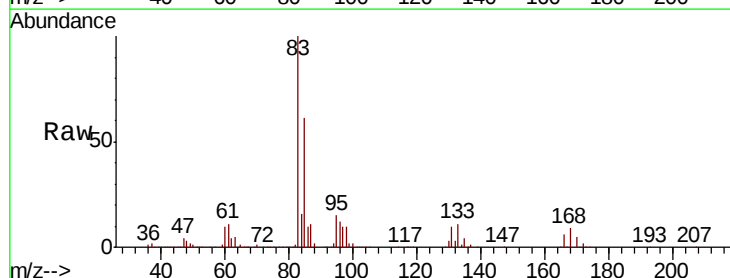
Tgt Ion: 83 Resp: 381822

Ion Ratio Lower Upper

83 100

85 61.4 46.1 85.5

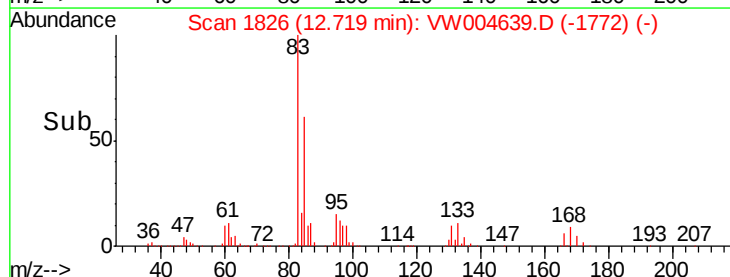
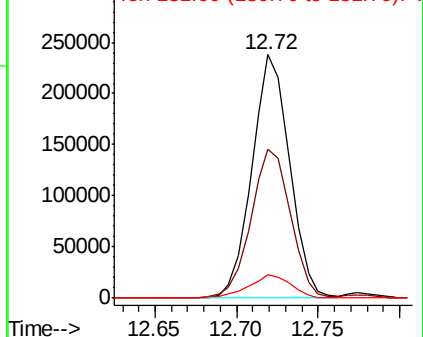
131 9.7 8.1 12.1

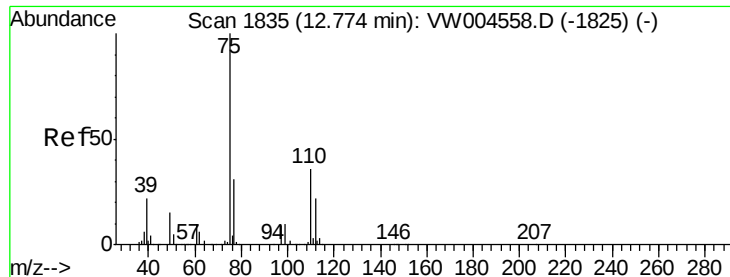


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 26.121 ug/L

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW004639.D

Acq: 13 Aug 2018 10:56

Instrument :

MSVOA_W

ClientSampleId :

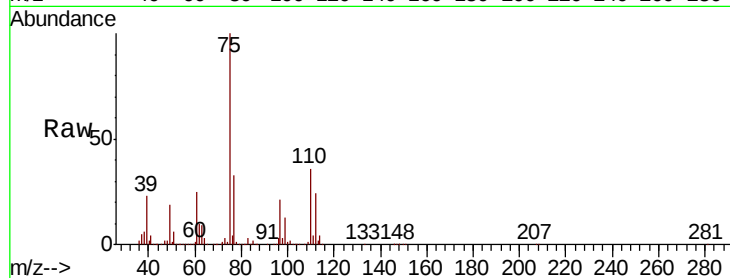
BFB95

Tgt Ion: 75 Resp: 287054

Ion Ratio Lower Upper

75 100

77 32.4 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

12.77

200000

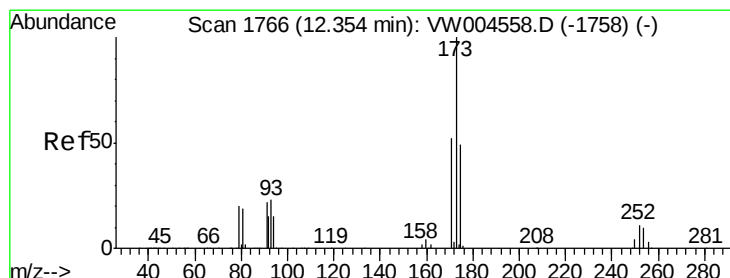
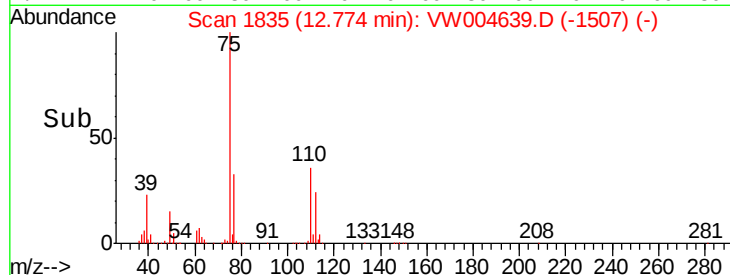
150000

100000

50000

0

Time-->



#62

Bromoform

Concen: 25.737 ug/L

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW004639.D

Acq: 13 Aug 2018 10:56

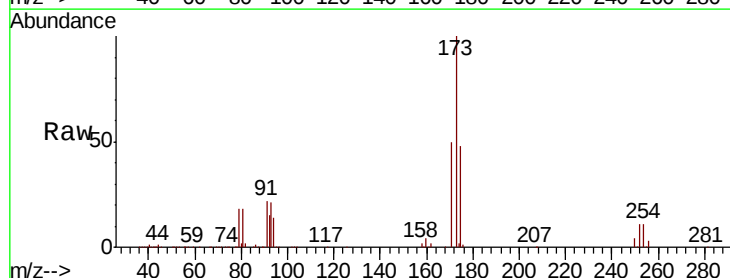
Tgt Ion: 173 Resp: 194272

Ion Ratio Lower Upper

173 100

175 48.2 39.0 58.4

254 11.1 8.1 12.1



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V

12.35

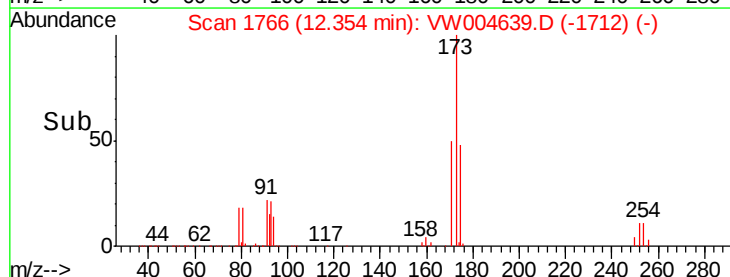
150000

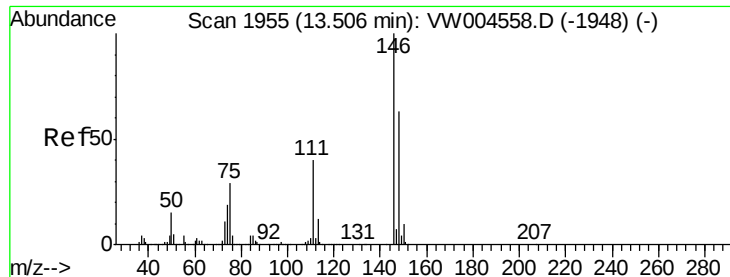
100000

50000

0

Time-->

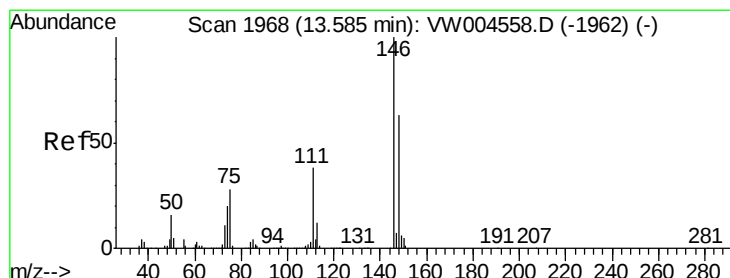
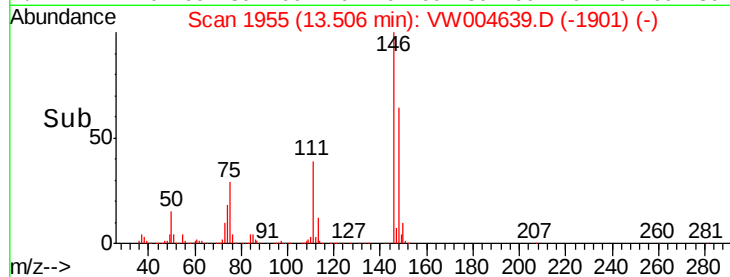
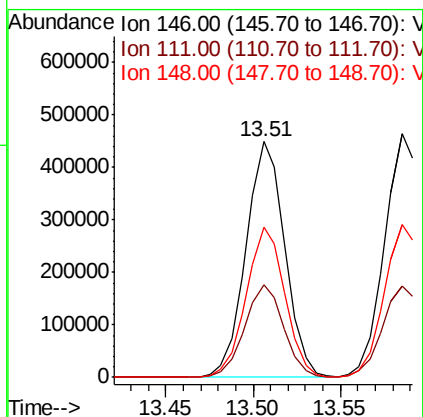
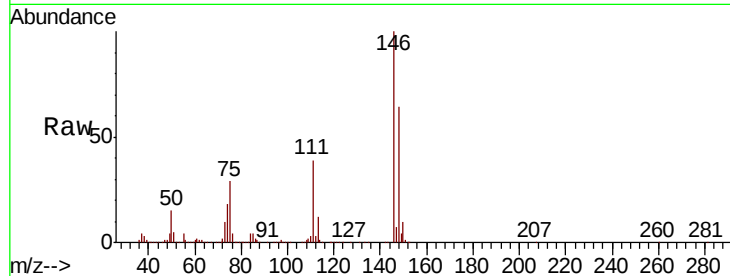




#63
 1,3-Dichlorobenzene
 Concen: 26.957 ug/L
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004639.D
 Acq: 13 Aug 2018 10:56

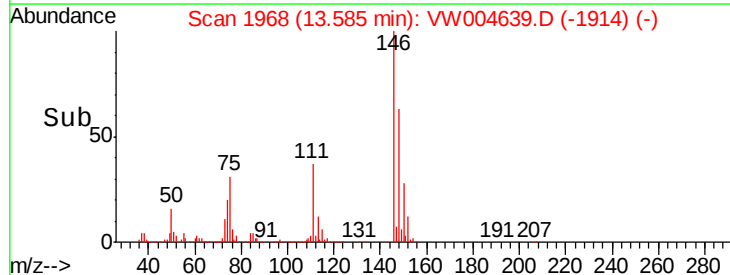
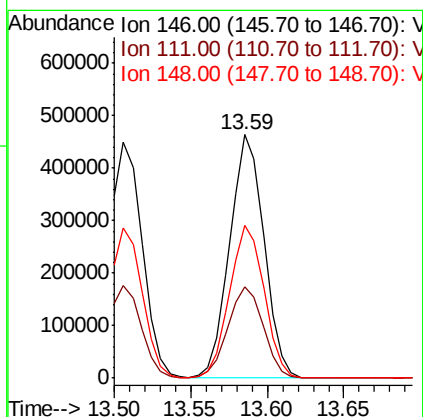
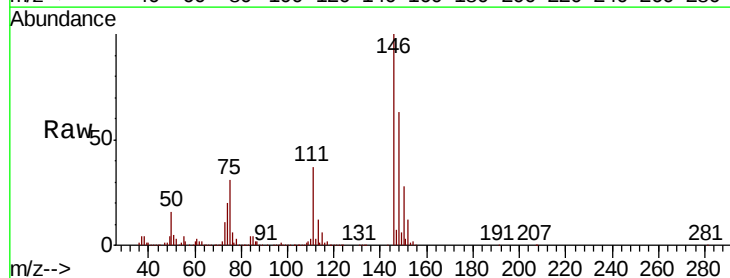
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB95

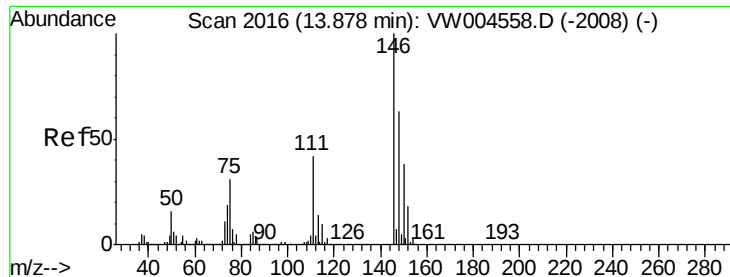
Tgt Ion:146 Resp: 696651
 Ion Ratio Lower Upper
 146 100
 111 39.4 27.7 51.5
 148 63.9 43.8 81.4



#64
 1,4-Dichlorobenzene
 Concen: 26.011 ug/L
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW004639.D
 Acq: 13 Aug 2018 10:56

Tgt Ion:146 Resp: 722450
 Ion Ratio Lower Upper
 146 100
 111 37.3 27.7 51.5
 148 62.6 45.5 84.5

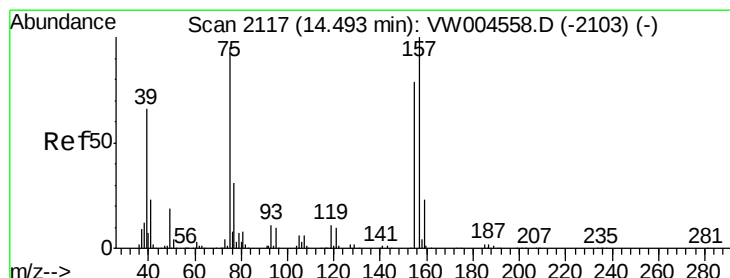
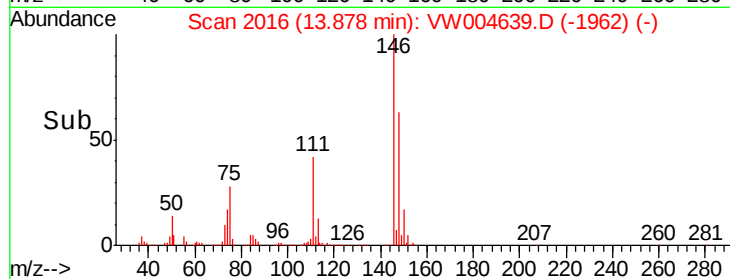
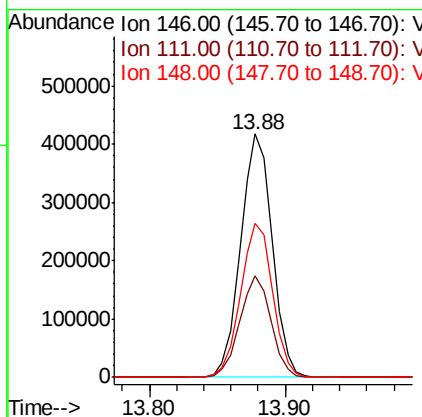
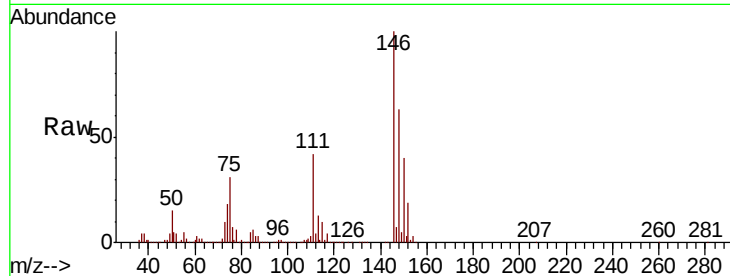




#65
 1,2-Dichlorobenzene
 Concen: 26.077 ug/L
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW004639.D
 Acq: 13 Aug 2018 10:56

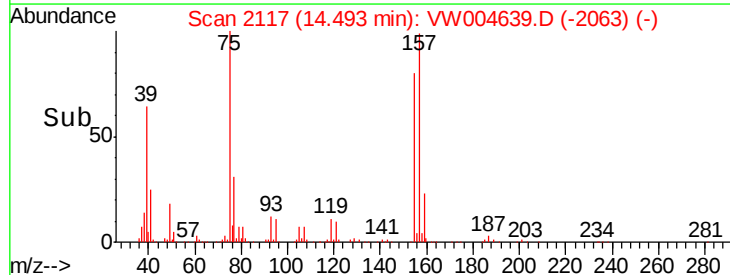
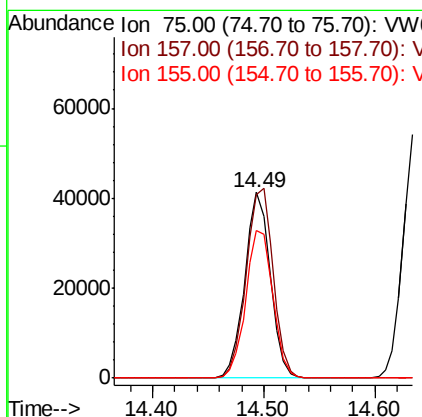
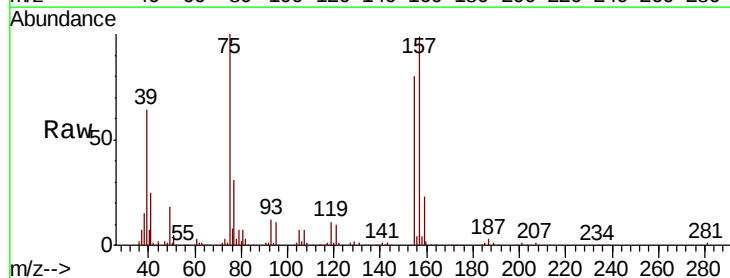
Instrument :
 MSVOA_W
 ClientSampled :
 BFB95

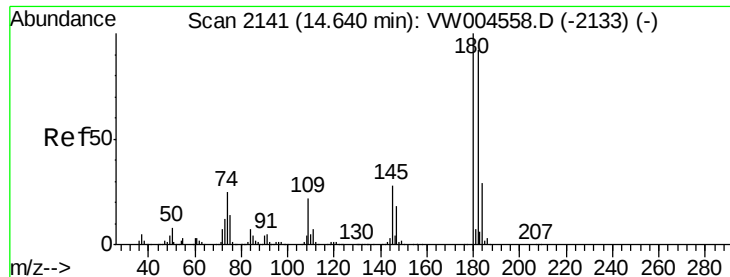
Tgt Ion:146 Resp: 675244
 Ion Ratio Lower Upper
 146 100
 111 41.9 33.4 50.2
 148 63.3 50.8 76.2



#66
 1,2-Dibromo-3-chloropropane
 Concen: 24.842 ug/L
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW004639.D
 Acq: 13 Aug 2018 10:56

Tgt Ion: 75 Resp: 66077
 Ion Ratio Lower Upper
 75 100
 157 99.0 81.4 122.0
 155 79.8 63.0 94.6

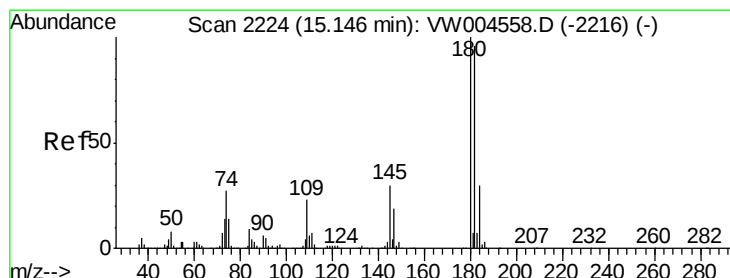
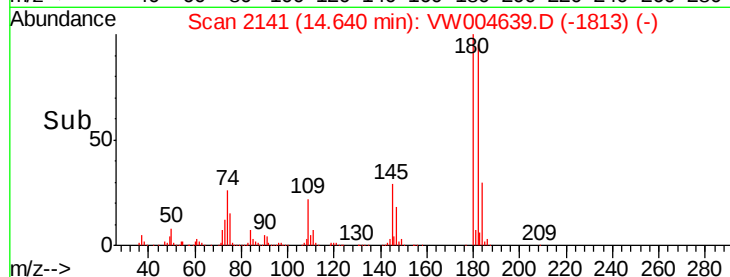
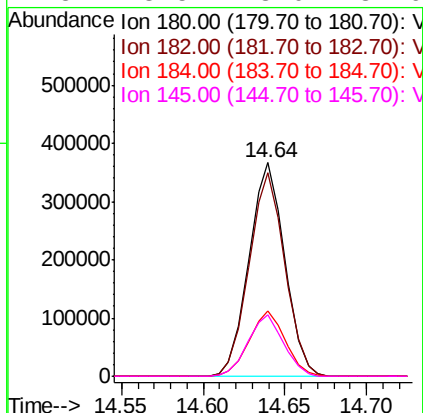
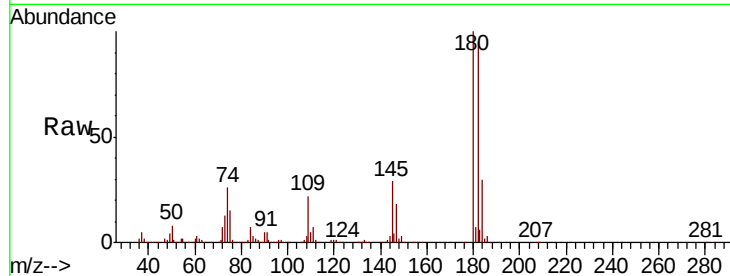




#67
 1,3,5-Trichlorobenzene
 Concen: 27.308 ug/L
 RT: 14.64 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VW004639.D
 Acq: 13 Aug 2018 10:56

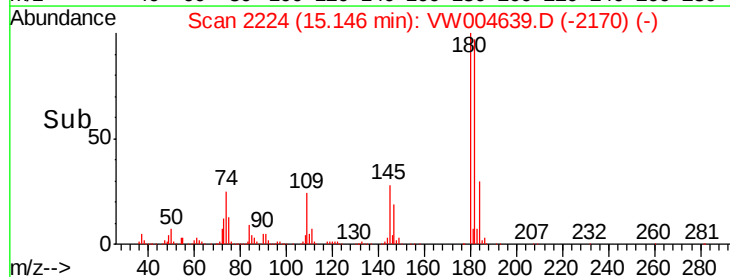
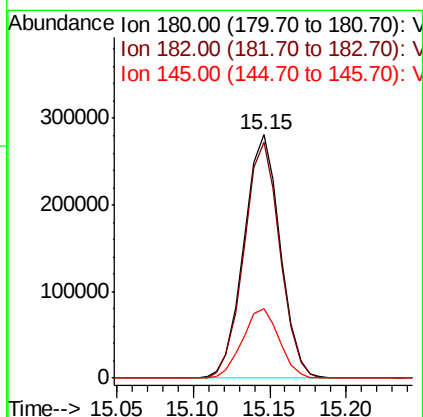
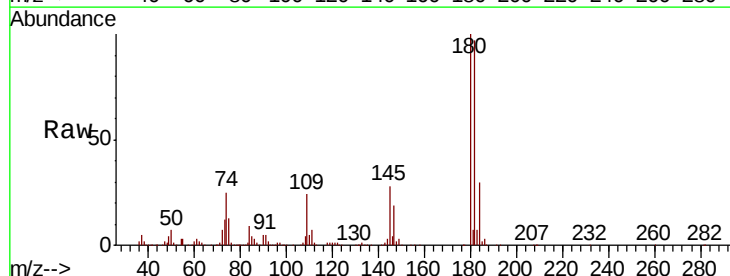
Instrument :
 MSVOA_W
 ClientSampled :
 BFB95

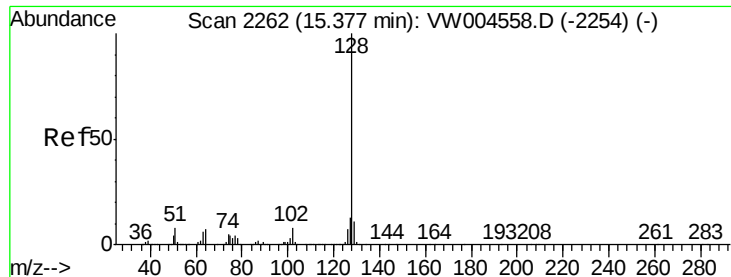
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.1	112.7
184	30.4	24.0	36.0
145	28.5	23.0	34.6



#68
 1,2,4-trichlorobenzene
 Concen: 28.017 ug/L
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW004639.D
 Acq: 13 Aug 2018 10:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.9	115.3
145	28.9	23.4	35.2





#69

Naphthalene

Concen: 28.647 ug/L

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004639.D

Acq: 13 Aug 2018 10:56

Instrument :

MSVOA_W

ClientSampleId :

BFB95

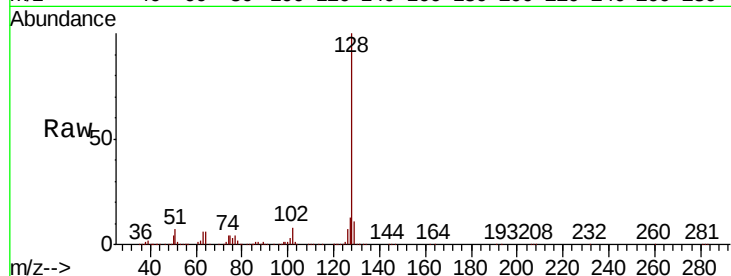
Tgt Ion:128 Resp: 1082789

Ion Ratio Lower Upper

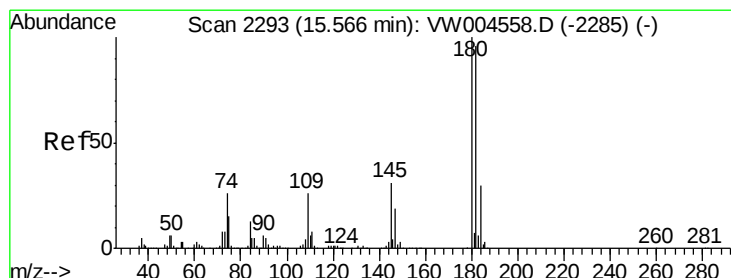
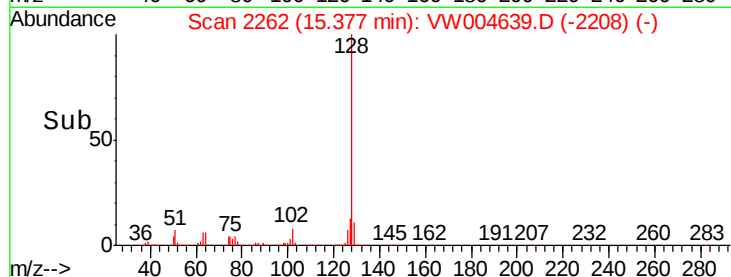
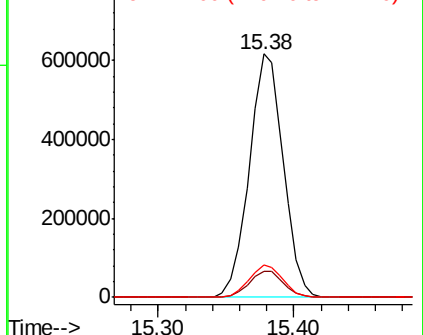
128 100

129 10.9 8.8 13.2

127 13.2 10.6 16.0



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: 28.044 ug/L

RT: 15.57 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VW004639.D

Acq: 13 Aug 2018 10:56

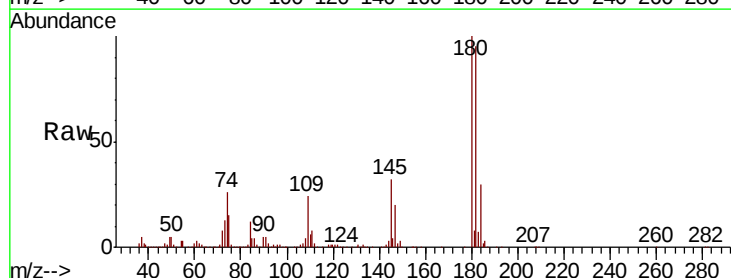
Tgt Ion:180 Resp: 452649

Ion Ratio Lower Upper

180 100

182 95.0 76.0 114.0

145 31.4 25.2 37.8



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

