

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW051719\
 Data File : VW010428.D
 Acq On : 18 May 2019 00:05
 Operator : SY/VA
 Sample : VW0517SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0517SBS01

Quant Time: May 18 00:53:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W051719S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:49:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	659708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1258283	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1149230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	553685	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	390167	53.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.86%	
35) Dibromofluoromethane	7.88	113	373468	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
50) Toluene-d8	10.32	98	1365892	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	
62) 4-Bromofluorobenzene	12.62	95	547689	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	87258	16.301	ug/l	100
3) Chloromethane	2.21	50	137596	18.628	ug/l	96
4) Vinyl Chloride	2.36	62	137092	17.345	ug/l	97
5) Bromomethane	2.75	94	105499	23.926	ug/l	94
6) Chloroethane	2.90	64	94093	19.099	ug/l	98
7) Trichlorofluoromethane	3.25	101	198916	18.147	ug/l	97
8) Diethyl Ether	3.68	74	86598	22.211	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	133784	19.177	ug/l	99
10) Methyl Iodide	4.27	142	139580	17.891	ug/l	99
11) Tert butyl alcohol	5.19	59	73682	112.271	ug/l	99
12) 1,1-Dichloroethene	4.03	96	128881	19.590	ug/l	98
13) Acrolein	3.89	56	48000	92.647	ug/l	93
14) Allyl chloride	4.66	41	206853	20.269	ug/l	99
15) Acrylonitrile	5.37	53	186868	112.100	ug/l	99
16) Acetone	4.13	43	142578	111.872	ug/l	97
17) Carbon Disulfide	4.37	76	357786	19.045	ug/l	98
18) Methyl Acetate	4.67	43	92240	23.159	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	428219	22.692	ug/l	98
20) Methylene Chloride	4.91	84	156641	21.223	ug/l	91
21) trans-1,2-Dichloroethene	5.42	96	160171	20.874	ug/l	100
22) Diisopropyl ether	6.31	45	477365	21.917	ug/l	97
23) Vinyl Acetate	6.26	43	1433557	105.507	ug/l	99
24) 1,1-Dichloroethane	6.21	63	267426	21.207	ug/l	99
25) 2-Butanone	7.18	43	245483	112.994	ug/l	99
26) 2,2-Dichloropropane	7.16	77	198704	17.462	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	187405	21.778	ug/l	98
28) Bromochloromethane	7.51	49	111748	23.587	ug/l	100
29) Tetrahydrofuran	7.54	42	166301	113.115	ug/l	99
30) Chloroform	7.68	83	291857	22.006	ug/l	99
31) Cyclohexane	7.95	56	233981	18.529	ug/l	# 95
32) 1,1,1-Trichloroethane	7.87	97	255988	20.469	ug/l	100
36) 1,1-Dichloropropene	8.08	75	208379	18.706	ug/l	99
37) Ethyl Acetate	7.26	43	116023	21.708	ug/l	98
38) Carbon Tetrachloride	8.07	117	220770	18.364	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW051719\
 Data File : VW010428.D
 Acq On : 18 May 2019 00:05
 Operator : SY/VA
 Sample : VW0517SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0517SBS01

Quant Time: May 18 00:53:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W051719S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:49:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	267007	17.949	ug/l	98
40) Benzene	8.32	78	629295	19.794	ug/l	99
41) Methacrylonitrile	7.48	41	71553	22.356	ug/l	95
42) 1,2-Dichloroethane	8.40	62	202184	21.345	ug/l	99
43) Isopropyl Acetate	8.43	43	235230	21.612	ug/l	99
44) Trichloroethene	9.09	130	178394	19.586	ug/l	100
45) 1,2-Dichloropropane	9.37	63	160919	20.678	ug/l	97
46) Dibromomethane	9.46	93	96619	21.017	ug/l	98
47) Bromodichloromethane	9.64	83	235181	20.587	ug/l	99
48) Methyl methacrylate	9.44	41	103485	20.634	ug/l	97
49) 1,4-Dioxane	9.46	88	30433	447.301	ug/l #	81
51) 4-Methyl-2-Pentanone	10.21	43	586155	105.282	ug/l	99
52) Toluene	10.39	92	416848	19.742	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	241365	20.486	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	267425	20.021	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	142137	21.429	ug/l	96
56) Ethyl methacrylate	10.65	69	198533	21.450	ug/l	97
57) 1,3-Dichloropropane	10.93	76	241291	21.700	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	459604	103.347	ug/l	100
59) 2-Hexanone	10.97	43	406024	104.730	ug/l	99
60) Dibromochloromethane	11.13	129	171886	20.883	ug/l	100
61) 1,2-Dibromoethane	11.23	107	143143	21.294	ug/l	99
64) Tetrachloroethene	10.86	164	166642	22.045	ug/l	97
65) Chlorobenzene	11.66	112	466784	20.002	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	174620	20.263	ug/l	98
67) Ethyl Benzene	11.73	91	802083	19.512	ug/l	99
68) m/p-Xylenes	11.84	106	630633	39.196	ug/l	100
69) o-Xylene	12.16	106	309073	20.152	ug/l	100
70) Styrene	12.18	104	530146	20.075	ug/l	99
71) Bromoform	12.35	173	97687	20.118	ug/l #	98
73) Isopropylbenzene	12.46	105	788067	18.407	ug/l	99
74) N-amyl acetate	12.27	43	209847	19.126	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	170755	20.138	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	212283	35.804	ug/l #	100
77) Bromobenzene	12.74	156	188795	19.520	ug/l	97
78) n-propylbenzene	12.80	91	912188	18.368	ug/l	99
79) 2-Chlorotoluene	12.90	91	555379	19.150	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	684943	18.795	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	51876	17.266	ug/l	99
82) 4-Chlorotoluene	12.99	91	586569	19.366	ug/l	98
83) tert-Butylbenzene	13.21	119	589182	19.117	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	693974	19.356	ug/l	98
85) sec-Butylbenzene	13.38	105	794830	18.315	ug/l	99
86) p-Isopropyltoluene	13.50	119	723892	18.464	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	362471	19.460	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	363333	19.596	ug/l	99
89) n-Butylbenzene	13.83	91	675212	18.051	ug/l	99
90) Hexachloroethane	14.10	117	147463	18.698	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	339953	20.073	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	32984	20.904	ug/l	88

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW051719\
Data File : VW010428.D
Acq On : 18 May 2019 00:05
Operator : SY/VA
Sample : VW0517SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0517SBS01

Quant Time: May 18 00:53:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W051719S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 23:49:26 2019
Response via : Initial Calibration

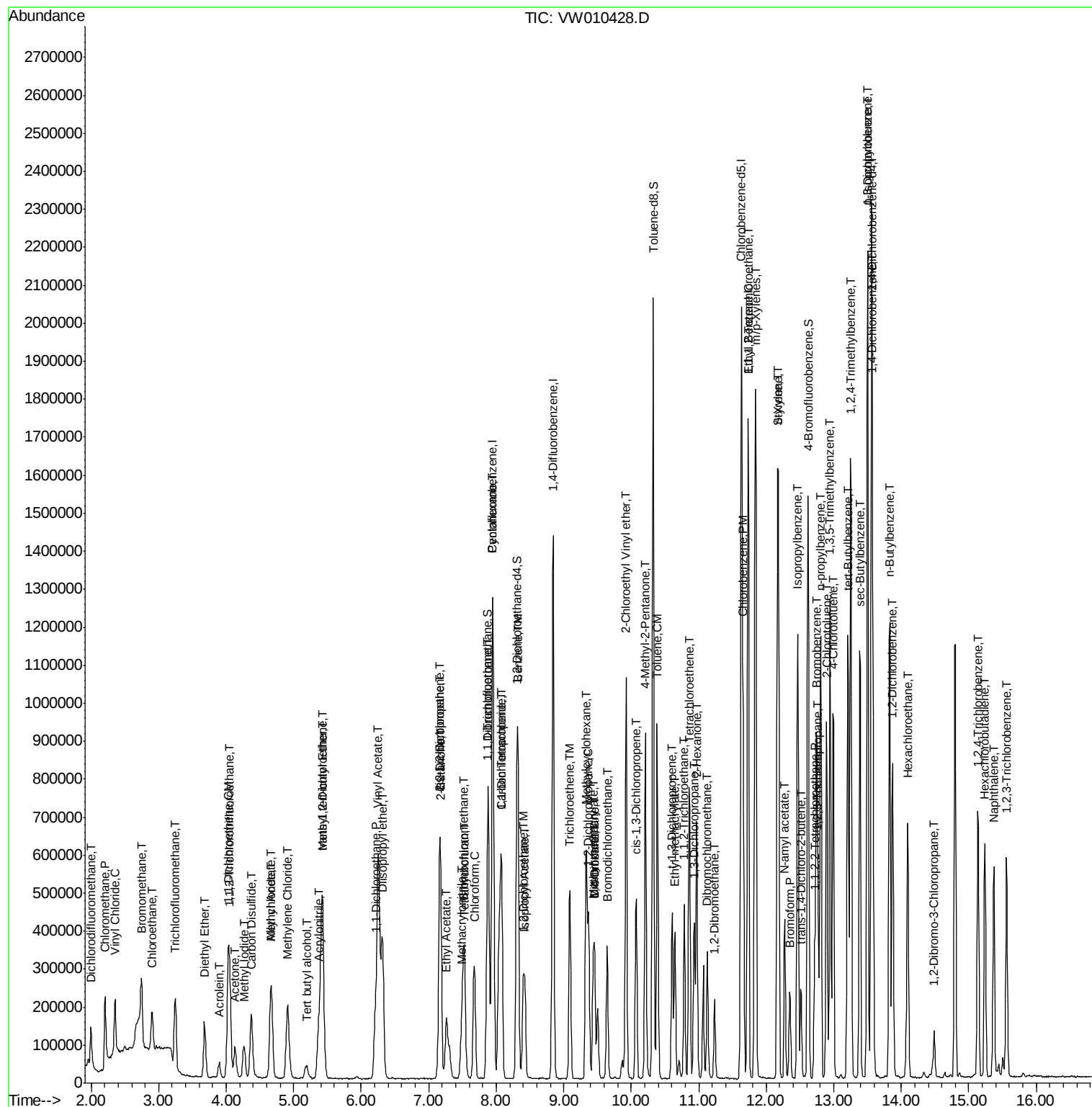
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	208143	18.853	ug/l	98
94) Hexachlorobutadiene	15.24	225	103919	17.631	ug/l	98
95) Naphthalene	15.37	128	497298	19.927	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	186557	19.166	ug/l	99

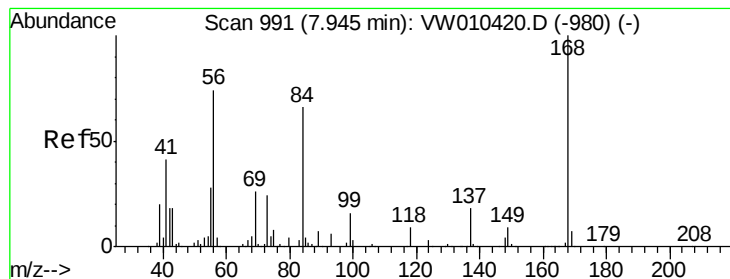
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW051719\
 Data File : VW010428.D
 Acq On : 18 May 2019 00:05
 Operator : SY/VA
 Sample : VW0517SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 Client Sampled :
 VW0517SBS01

Quant Time: May 18 00:53:55 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W051719S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:49:26 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW010428.D

Acq: 18 May 2019 00:05

Instrument :

MSVOA_W

ClientSampleId :

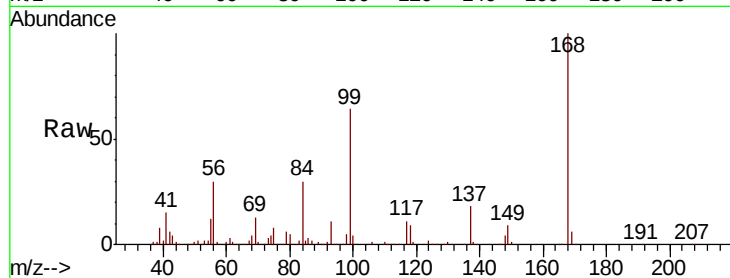
VW0517SBS01

Tgt Ion:168 Resp: 659708

Ion Ratio Lower Upper

168 100

99 64.4 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

300000

200000

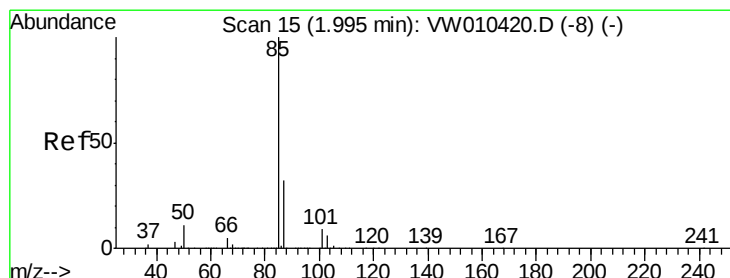
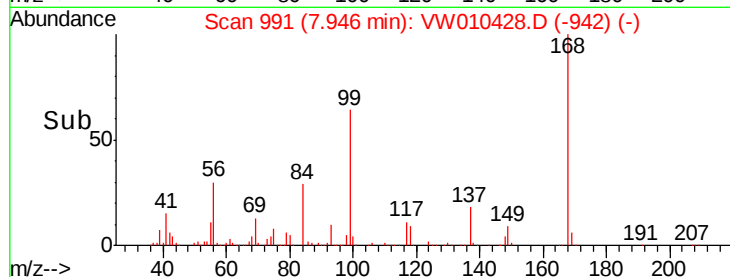
100000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 16.301 ug/l

RT: 2.00 min Scan# 15

Delta R.T. 0.00 min

Lab File: VW010428.D

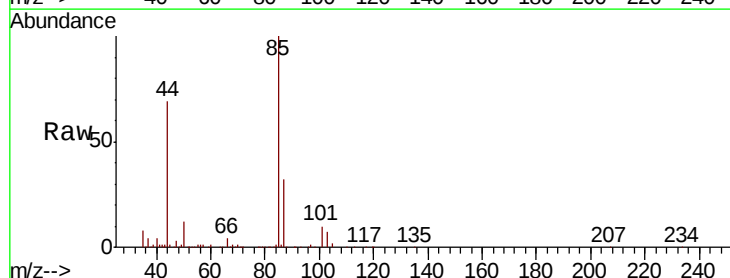
Acq: 18 May 2019 00:05

Tgt Ion: 85 Resp: 87258

Ion Ratio Lower Upper

85 100

87 32.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

60000

50000

40000

30000

20000

10000

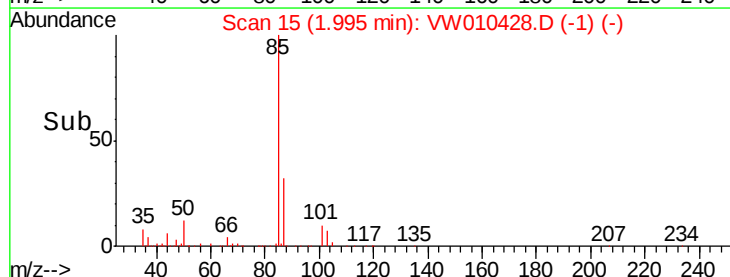
0

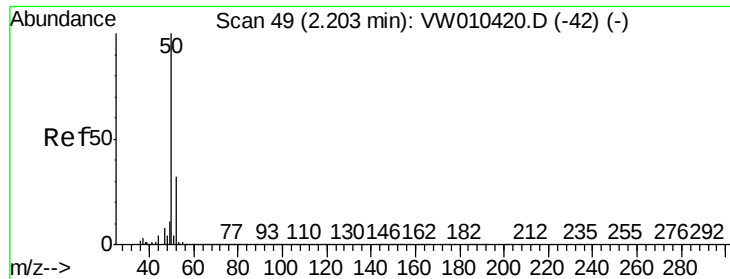
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 18.628 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.01 min

Lab File: VW010428.D

Acq: 18 May 2019 00:05

Instrument :

MSVOA_W

ClientSampleId :

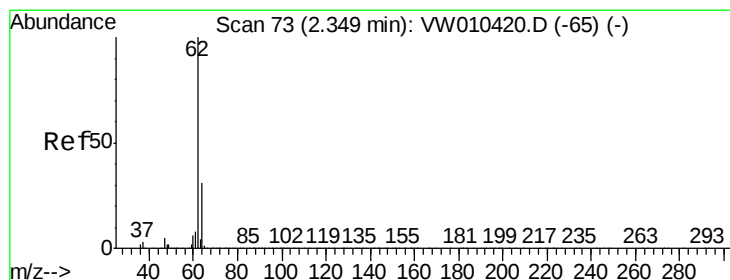
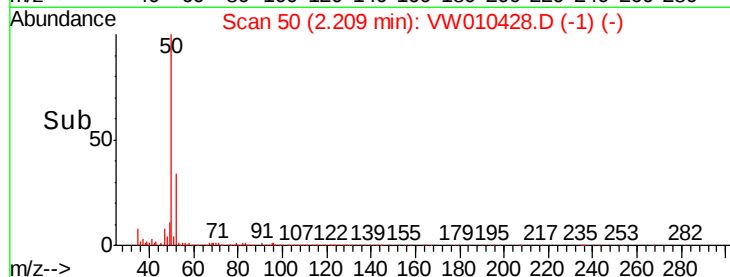
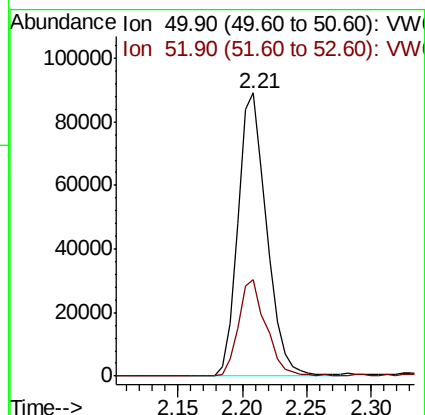
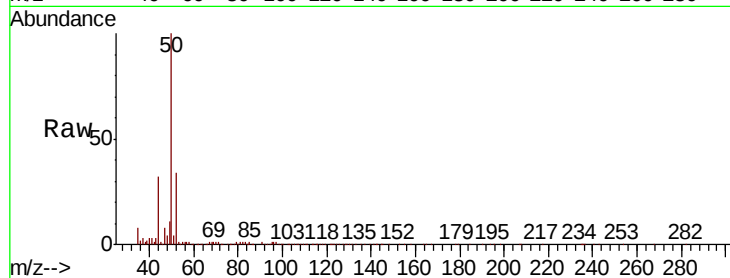
VW0517SBS01

Tgt Ion: 50 Resp: 137596

Ion Ratio Lower Upper

50 100

52 34.1 25.4 38.0



#4

Vinyl Chloride

Concen: 17.345 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.01 min

Lab File: VW010428.D

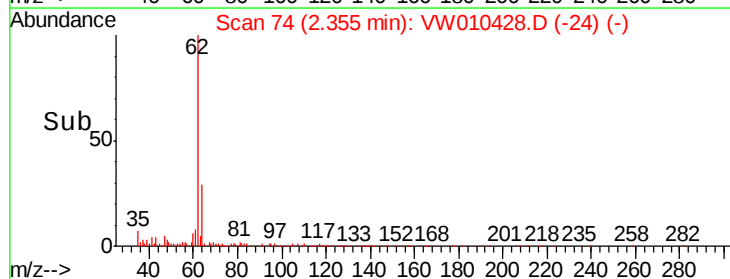
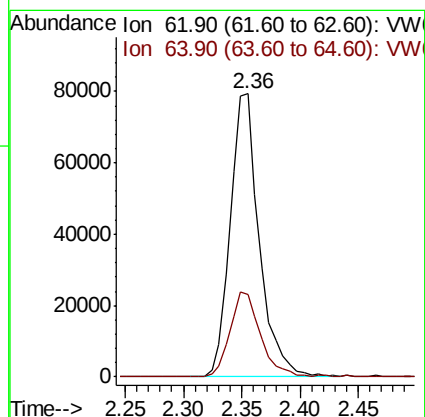
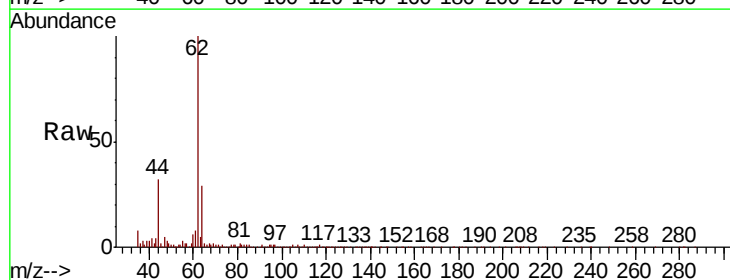
Acq: 18 May 2019 00:05

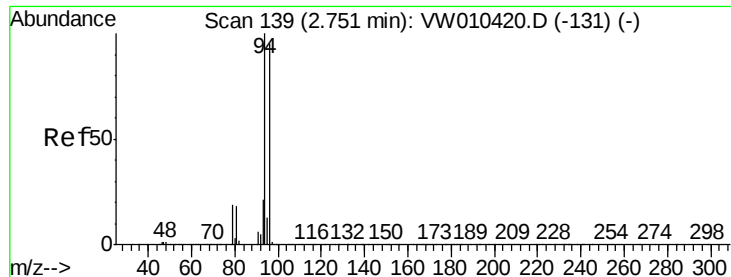
Tgt Ion: 62 Resp: 137092

Ion Ratio Lower Upper

62 100

64 28.9 24.4 36.6





#5

Bromomethane

Concen: 23.926 ug/l

RT: 2.75 min Scan# 138

Delta R.T. -0.01 min

Lab File: VW010428.D

Acq: 18 May 2019 00:05

Instrument :

MSVOA_W

ClientSampleId :

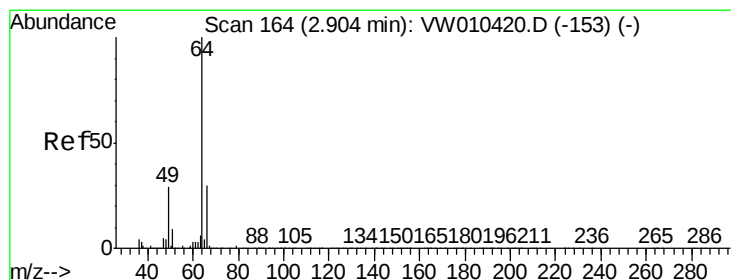
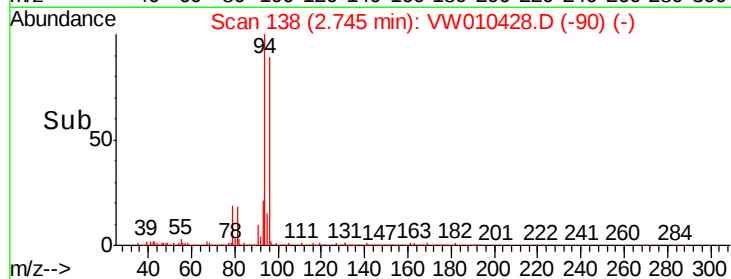
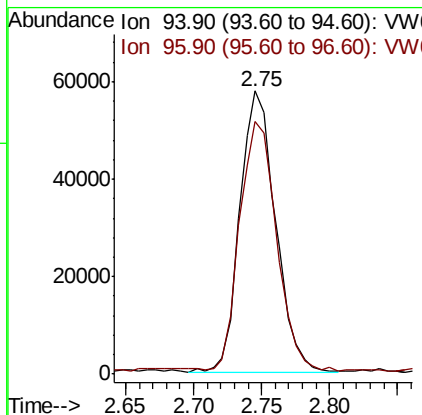
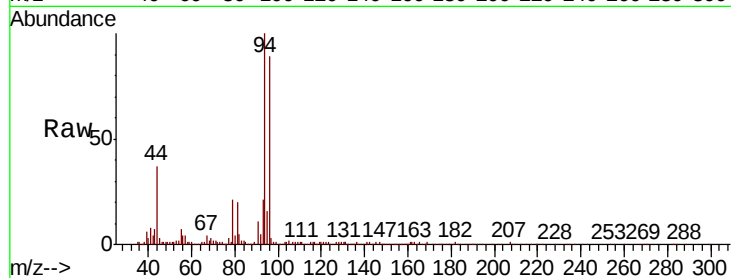
VW0517SBS01

Tgt Ion: 94 Resp: 105499

Ion Ratio Lower Upper

94 100

96 88.5 75.8 113.6



#6

Chloroethane

Concen: 19.099 ug/l

RT: 2.90 min Scan# 163

Delta R.T. -0.01 min

Lab File: VW010428.D

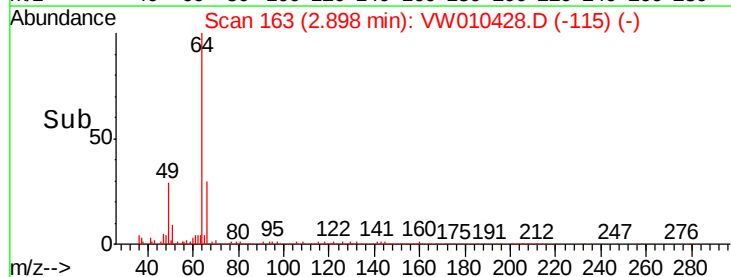
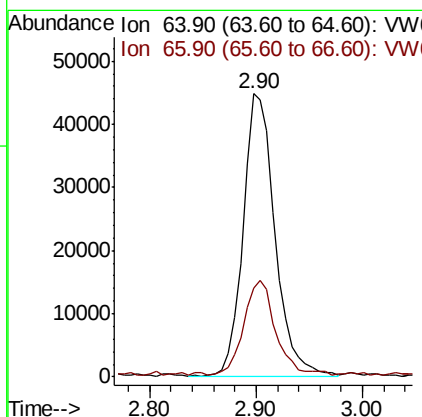
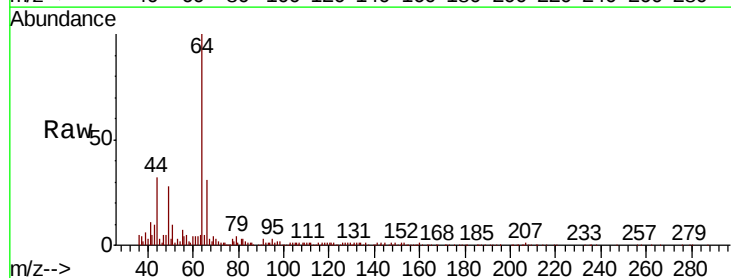
Acq: 18 May 2019 00:05

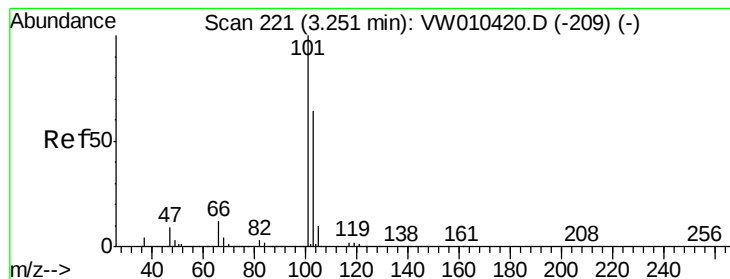
Tgt Ion: 64 Resp: 94093

Ion Ratio Lower Upper

64 100

66 30.7 23.6 35.4



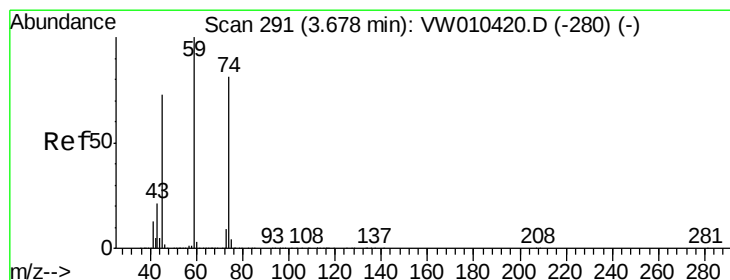
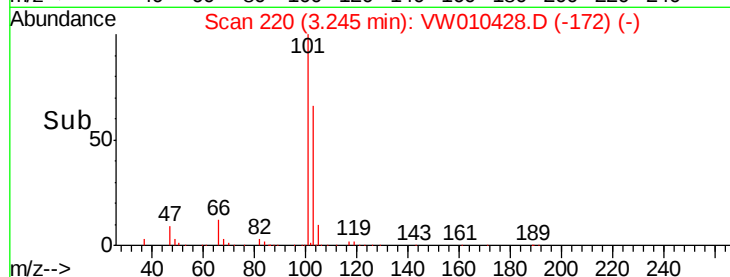
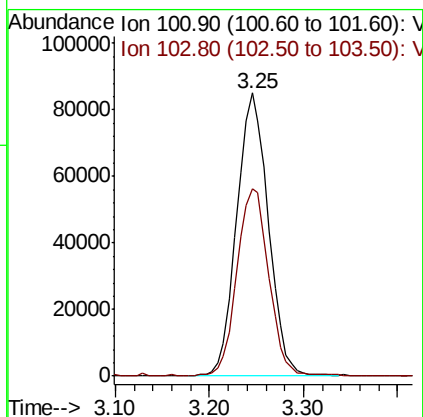
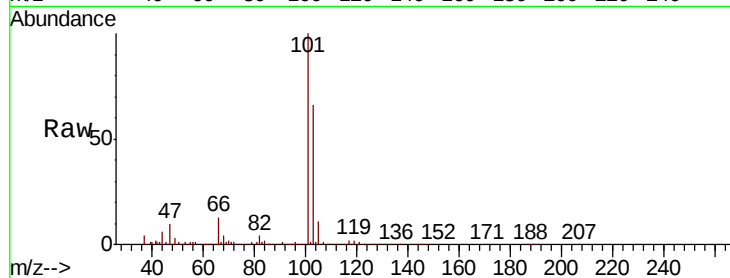


#7

Trichlorofluoromethane
 Concen: 18.147 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW010428.D
 Acq: 18 May 2019 00:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0517SBS01

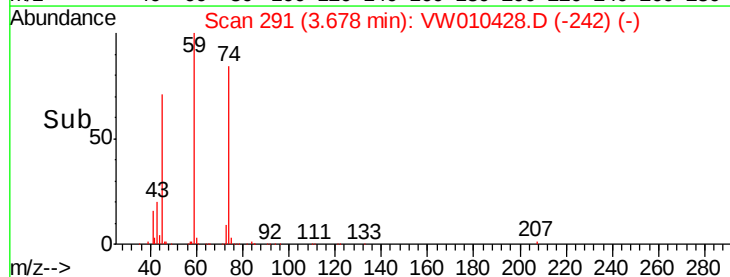
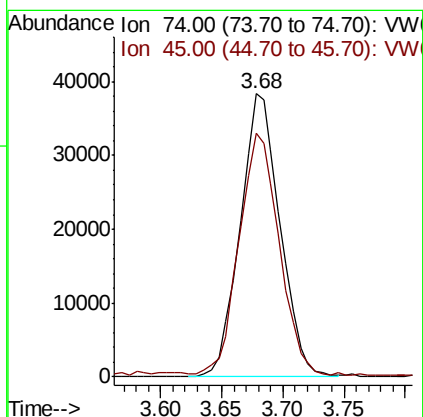
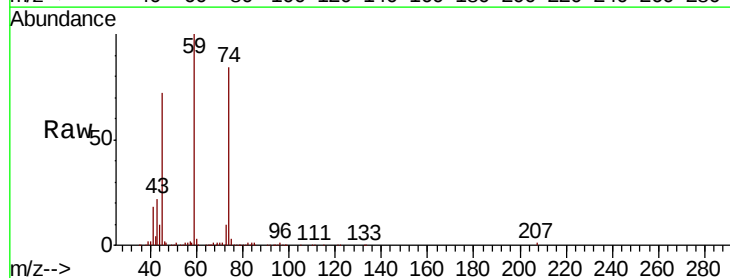
Tgt Ion: 101 Resp: 198916
 Ion Ratio Lower Upper
 101 100
 103 66.2 51.4 77.0

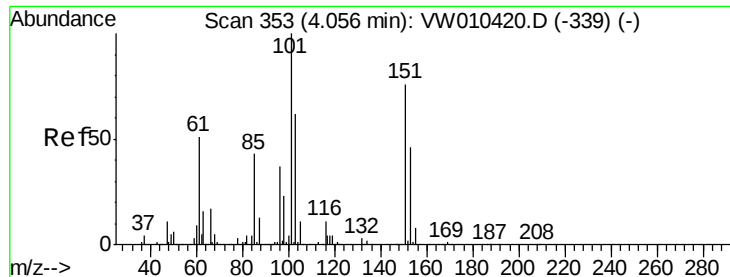


#8

Diethyl Ether
 Concen: 22.211 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW010428.D
 Acq: 18 May 2019 00:05

Tgt Ion: 74 Resp: 86598
 Ion Ratio Lower Upper
 74 100
 45 86.4 43.4 130.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.177 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW010428.D

Acq: 18 May 2019 00:05

Instrument :

MSVOA_W

ClientSampleId :

VW0517SBS01

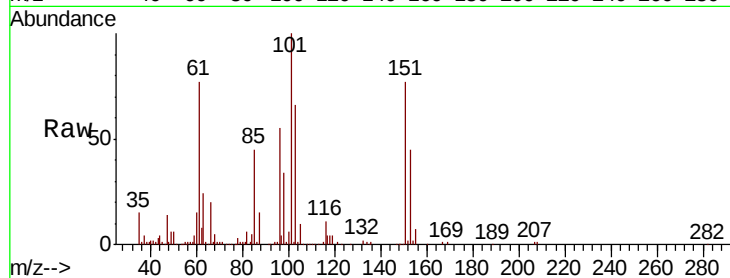
Tgt Ion:101 Resp: 133784

Ion Ratio Lower Upper

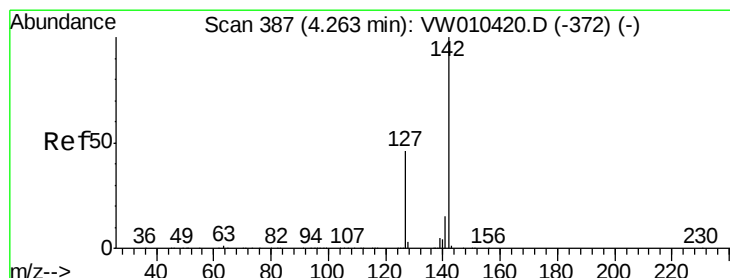
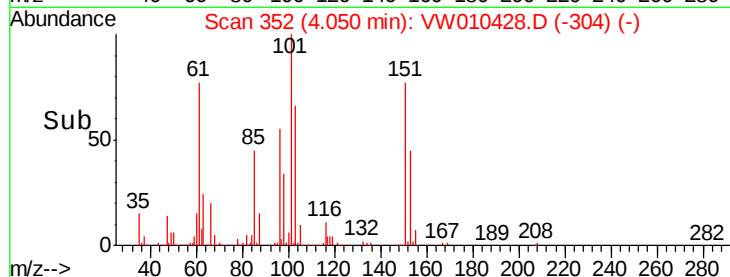
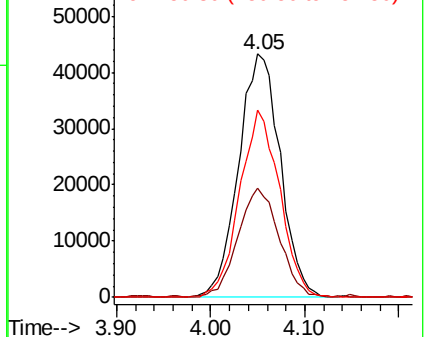
101 100

85 44.3 34.3 51.5

151 73.7 59.4 89.2



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.891 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW010428.D

Acq: 18 May 2019 00:05

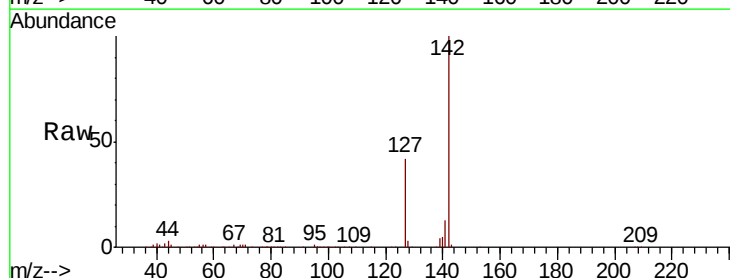
Tgt Ion:142 Resp: 139580

Ion Ratio Lower Upper

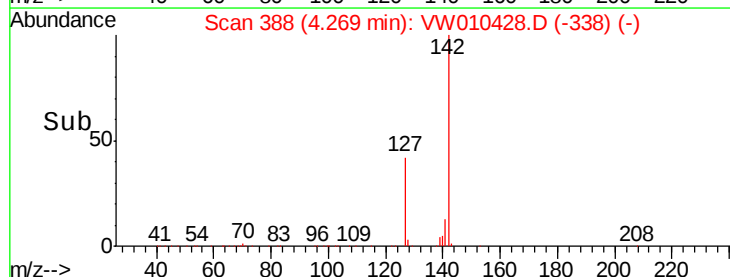
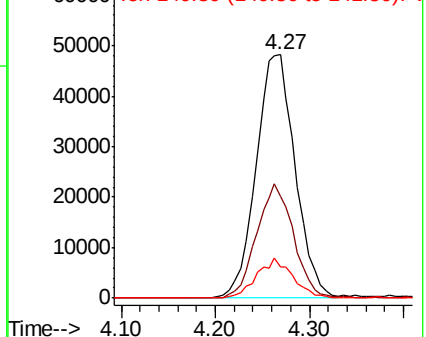
142 100

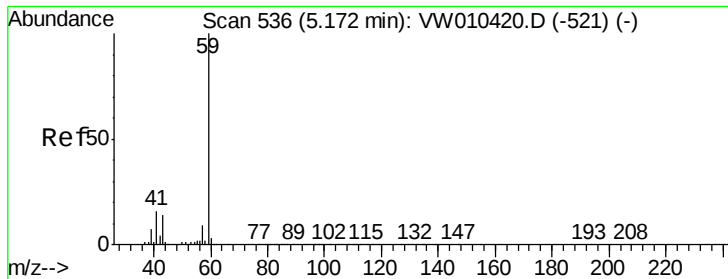
127 44.5 35.4 53.2

141 15.1 11.4 17.2



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

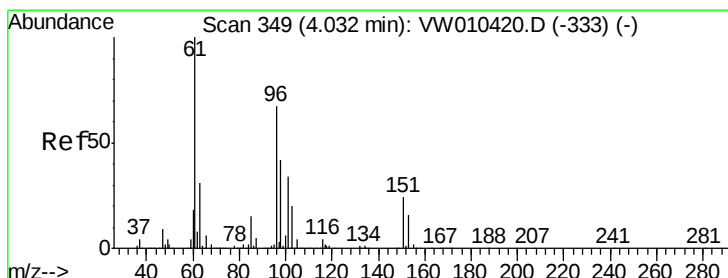
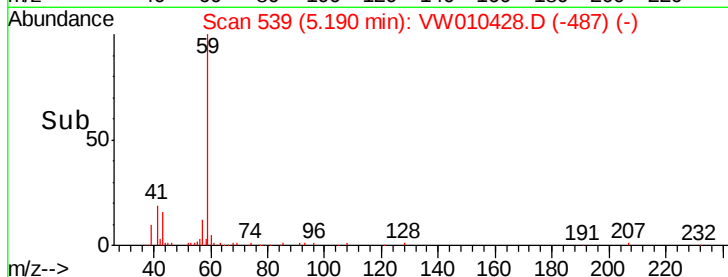
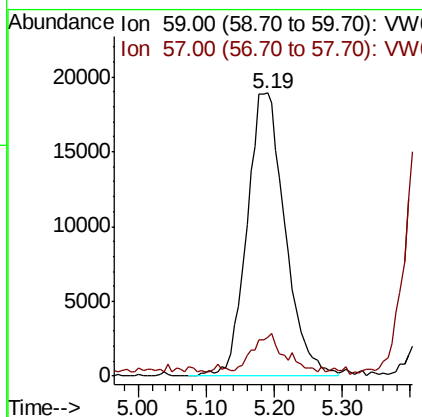
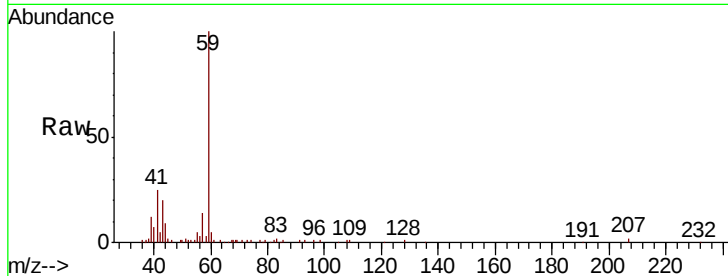




#11
Tert butyl alcohol
Concen: 112.271 ug/l
RT: 5.19 min Scan# 539
Delta R.T. 0.02 min
Lab File: VW010428.D
Acq: 18 May 2019 00:05

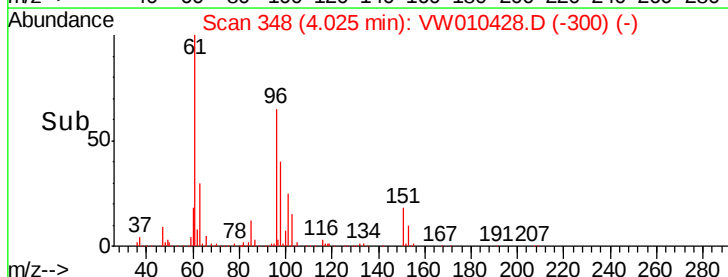
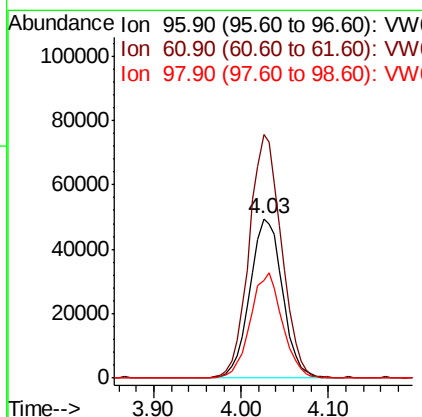
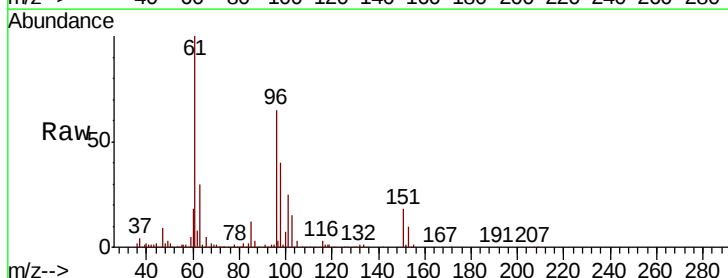
Instrument :
MSVOA_W
ClientSampleId :
VW0517SBS01

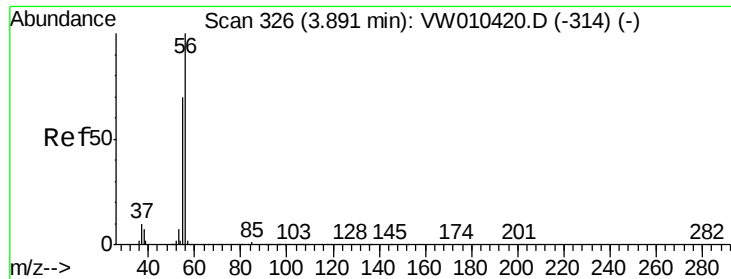
Tgt Ion: 59 Resp: 73682
Ion Ratio Lower Upper
59 100
57 10.7 8.4 12.6



#12
1,1-Dichloroethene
Concen: 19.590 ug/l
RT: 4.03 min Scan# 348
Delta R.T. -0.01 min
Lab File: VW010428.D
Acq: 18 May 2019 00:05

Tgt Ion: 96 Resp: 128881
Ion Ratio Lower Upper
96 100
61 152.8 120.3 180.5
98 61.7 50.7 76.1





#13

Acrolein

Concen: 92.647 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW010428.D

Acq: 18 May 2019 00:05

Instrument :

MSVOA_W

ClientSampleId :

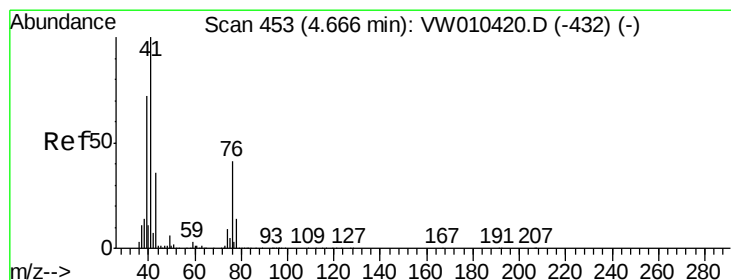
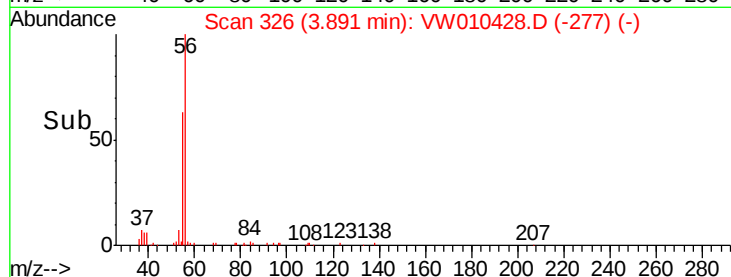
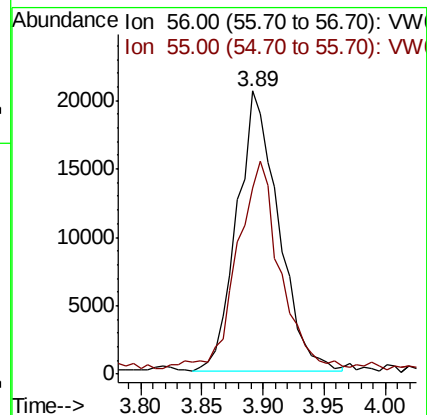
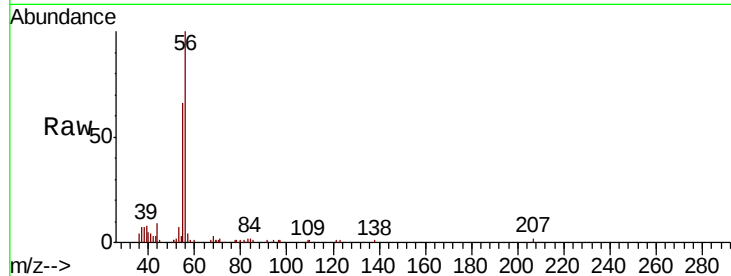
VW0517SBS01

Tgt Ion: 56 Resp: 48000

Ion Ratio Lower Upper

56 100

55 77.8 57.6 86.4



#14

Allyl chloride

Concen: 20.269 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW010428.D

Acq: 18 May 2019 00:05

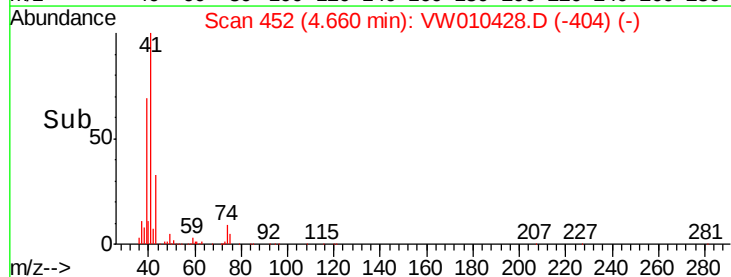
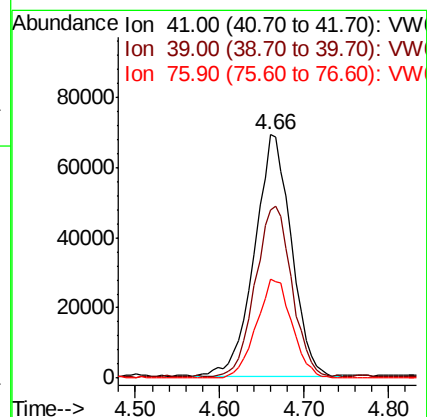
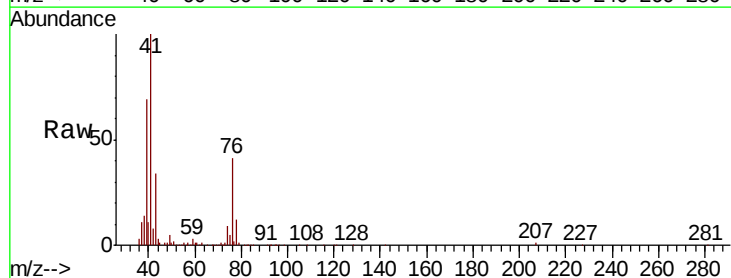
Tgt Ion: 41 Resp: 206853

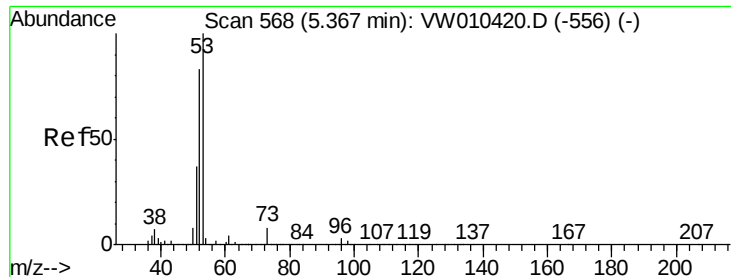
Ion Ratio Lower Upper

41 100

39 69.1 54.9 82.3

76 39.5 31.8 47.6





#15

Acrylonitrile

Concen: 112.100 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW010428.D

Acq: 18 May 2019 00:05

Instrument :

MSVOA_W

ClientSampleId :

VW0517SBS01

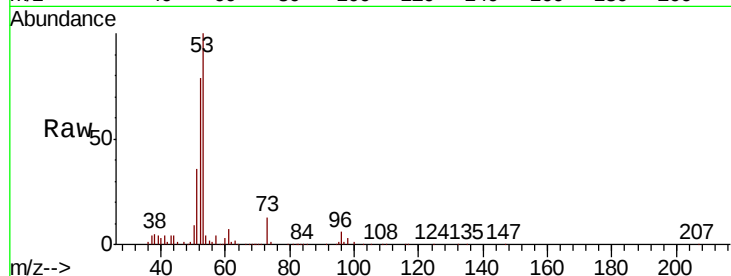
Tgt Ion: 53 Resp: 186868

Ion Ratio Lower Upper

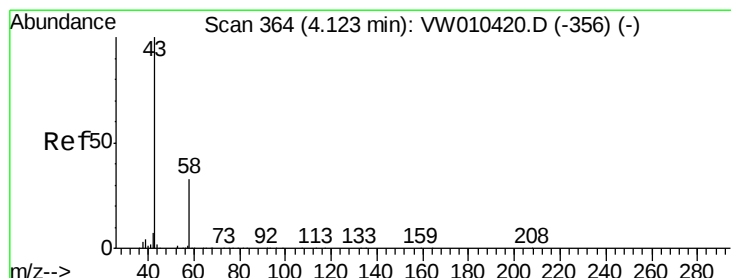
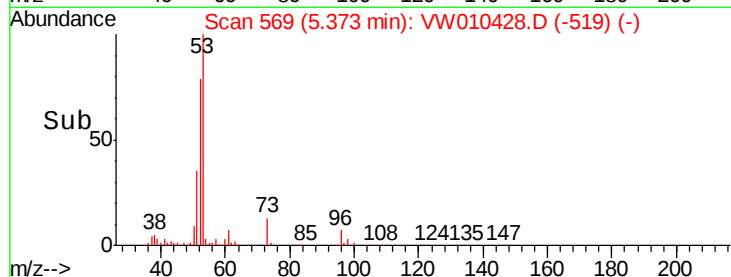
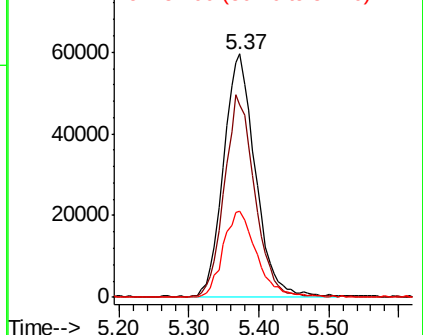
53 100

52 80.2 63.9 95.9

51 37.7 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 111.872 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010428.D

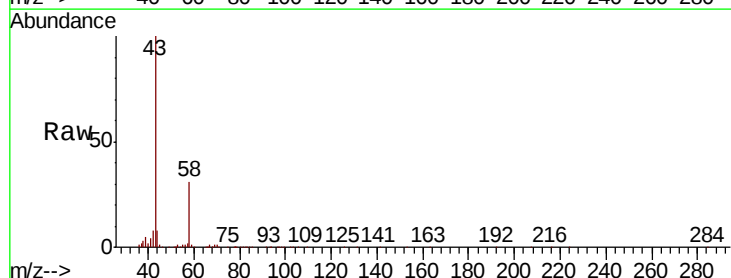
Acq: 18 May 2019 00:05

Tgt Ion: 43 Resp: 142578

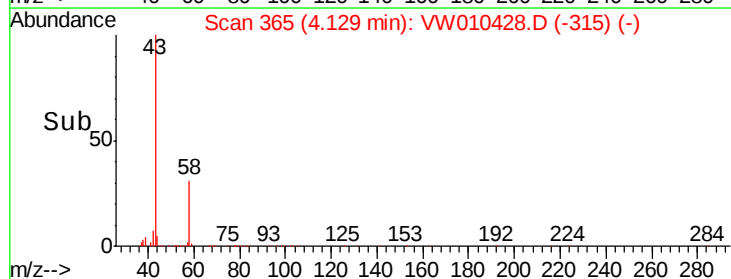
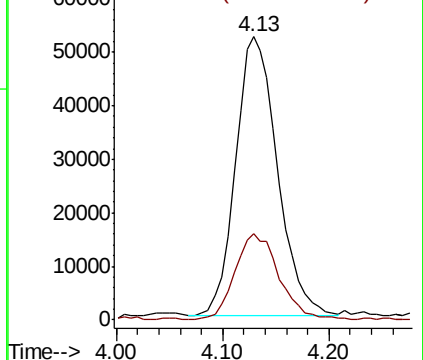
Ion Ratio Lower Upper

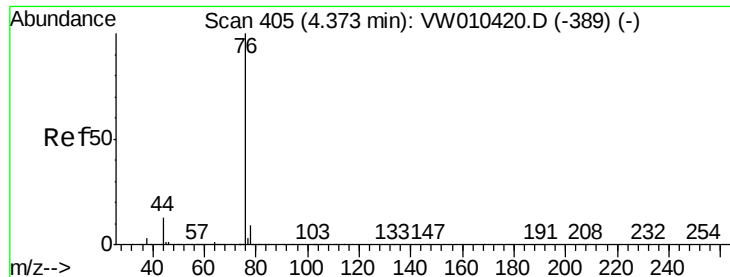
43 100

58 30.9 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 19.045 ug/l

RT: 4.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW010428.D

Acq: 18 May 2019 00:05

Instrument :

MSVOA_W

ClientSampleId :

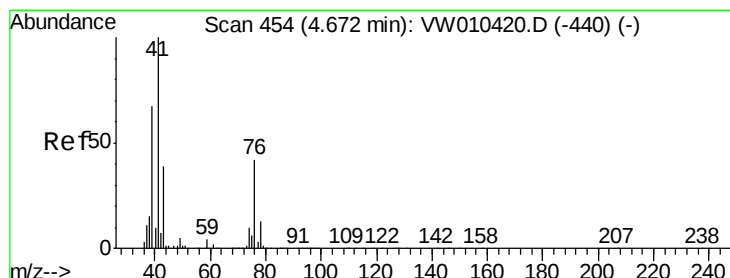
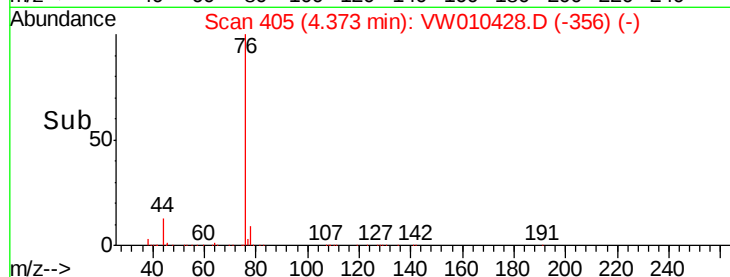
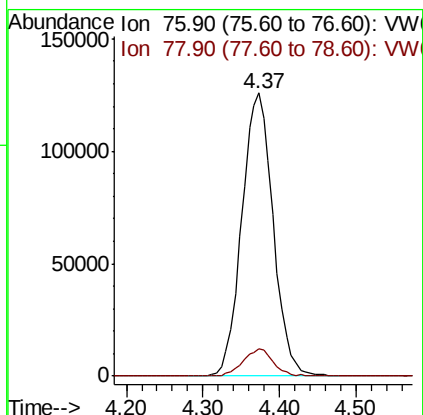
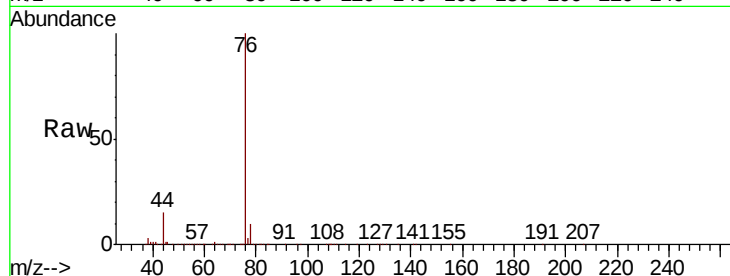
VW0517SBS01

Tgt Ion: 76 Resp: 357786

Ion Ratio Lower Upper

76 100

78 9.5 7.1 10.7



#18

Methyl Acetate

Concen: 23.159 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW010428.D

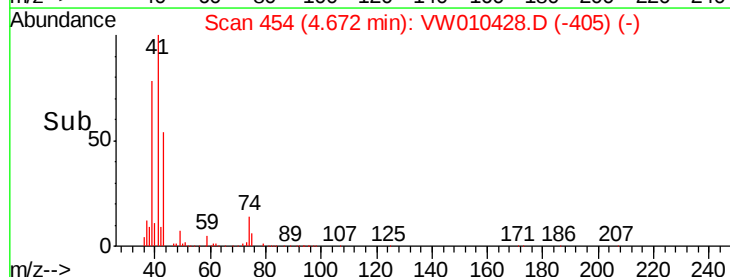
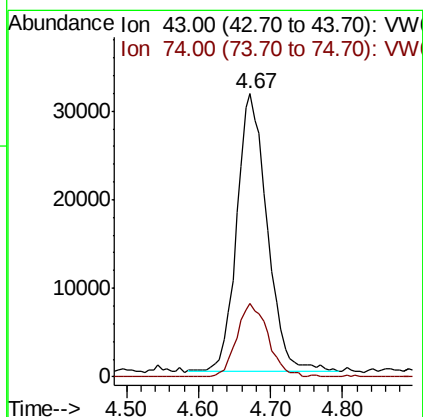
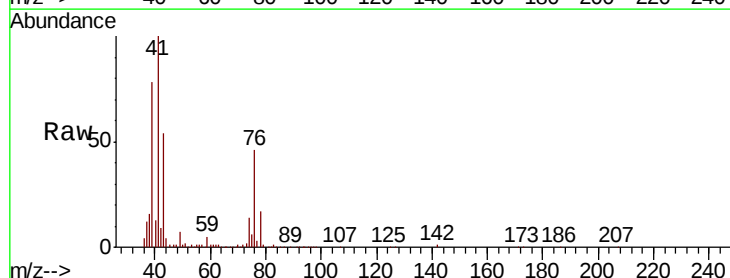
Acq: 18 May 2019 00:05

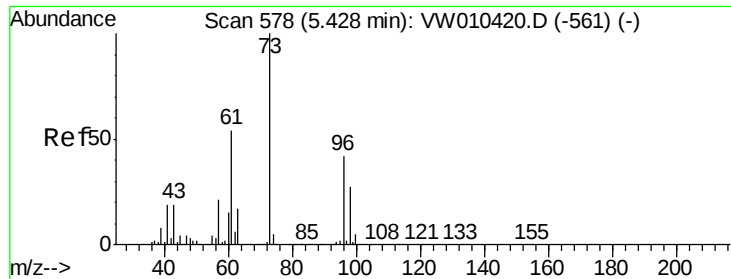
Tgt Ion: 43 Resp: 92240

Ion Ratio Lower Upper

43 100

74 27.1 21.2 31.8



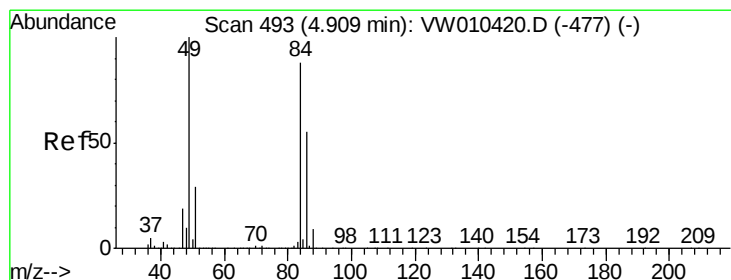
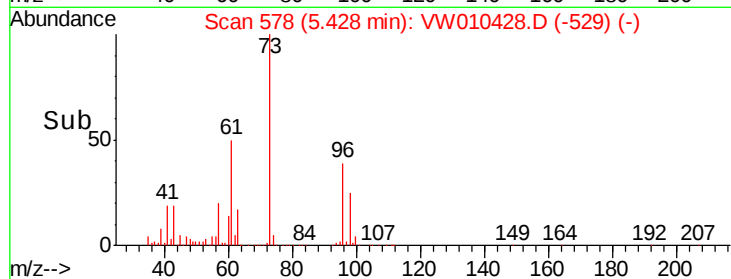
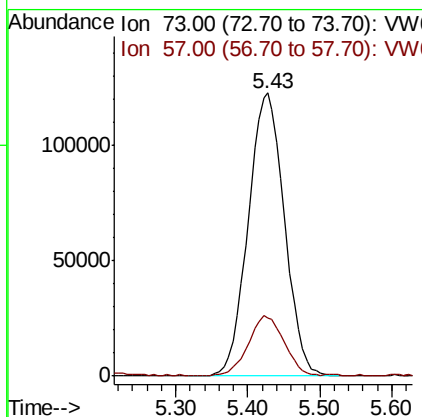
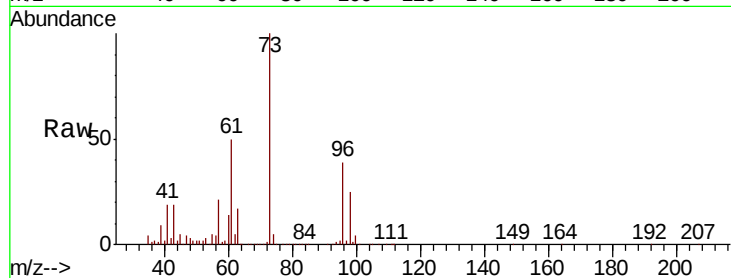


#19

Methyl tert-butyl Ether
 Concen: 22.692 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: VW010428.D
 Acq: 18 May 2019 00:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0517SBS01

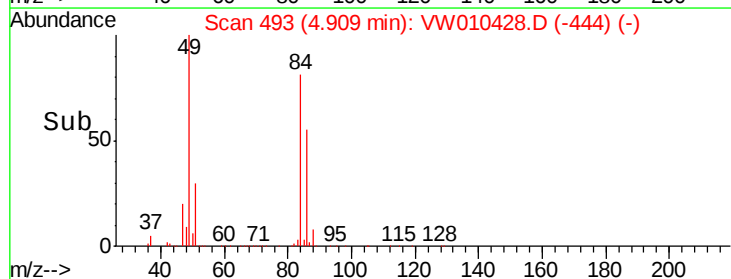
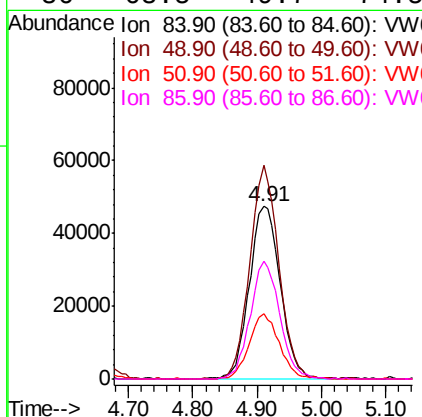
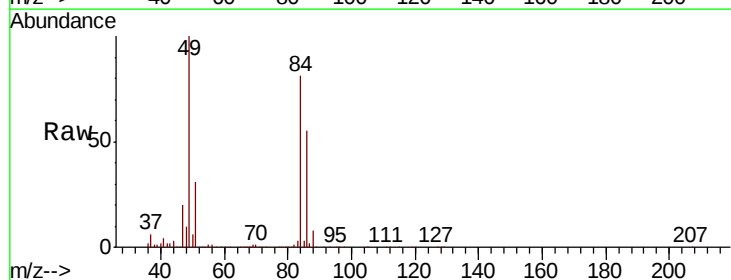
Tgt Ion: 73 Resp: 428219
 Ion Ratio Lower Upper
 73 100
 57 20.5 17.0 25.4

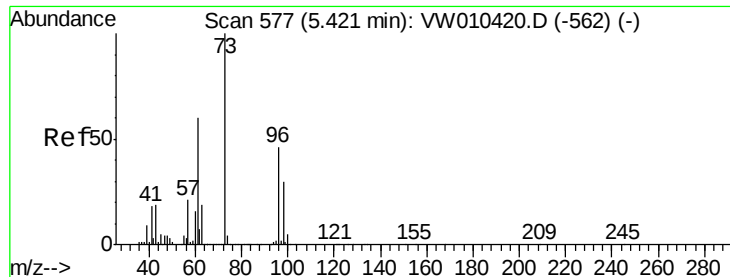


#20

Methylene Chloride
 Concen: 21.223 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: VW010428.D
 Acq: 18 May 2019 00:05

Tgt Ion: 84 Resp: 156641
 Ion Ratio Lower Upper
 84 100
 49 123.9 90.6 135.8
 51 38.0 26.6 40.0
 86 68.5 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 20.874 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW010428.D

Acq: 18 May 2019 00:05

Instrument :

MSVOA_W

ClientSampleId :

VW0517SBS01

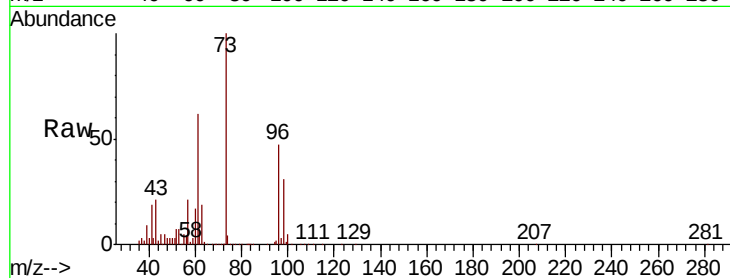
Tgt Ion: 96 Resp: 160171

Ion Ratio Lower Upper

96 100

61 130.5 103.9 155.9

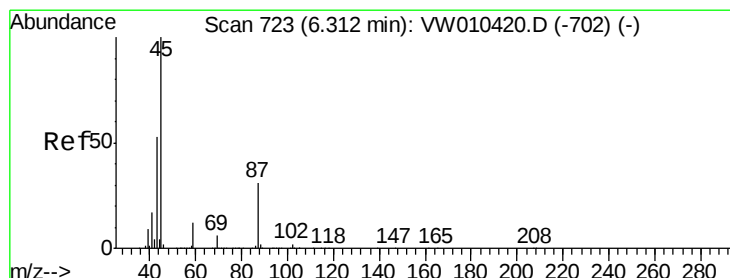
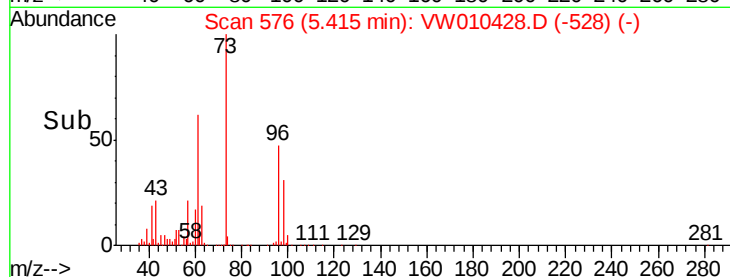
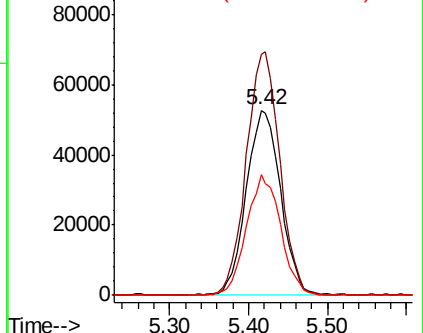
98 64.7 51.5 77.3



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 21.917 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW010428.D

Acq: 18 May 2019 00:05

Tgt Ion: 45 Resp: 477365

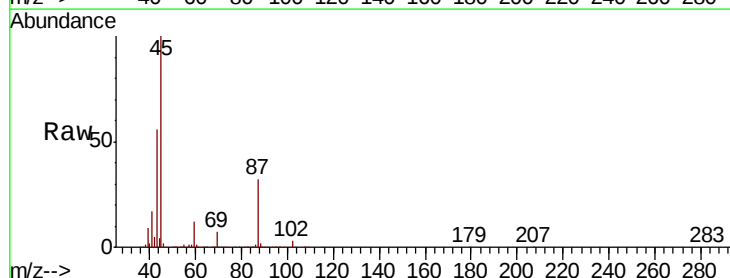
Ion Ratio Lower Upper

45 100

43 55.4 42.0 63.0

87 31.6 25.0 37.6

59 12.5 9.7 14.5

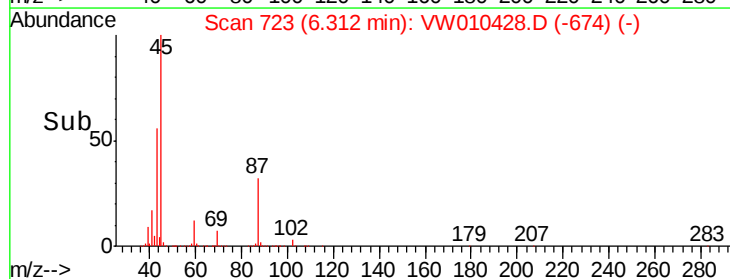
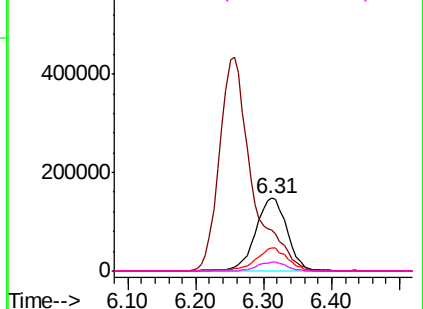


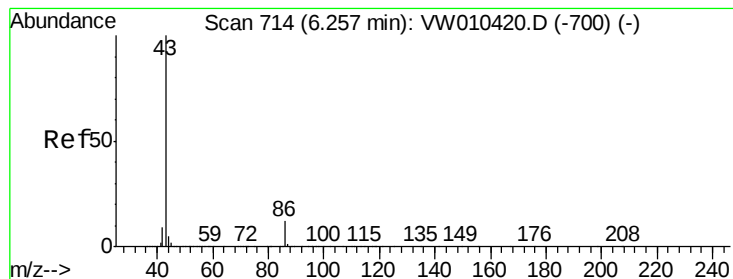
Abundance Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 105.507 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW010428.D

Acq: 18 May 2019 00:05

Instrument :

MSVOA_W

ClientSampleId :

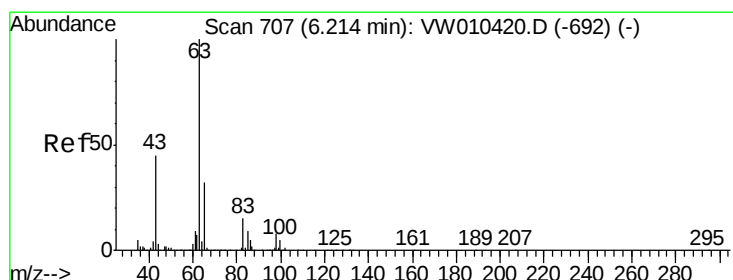
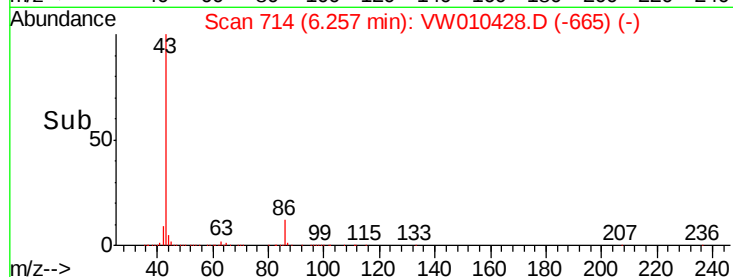
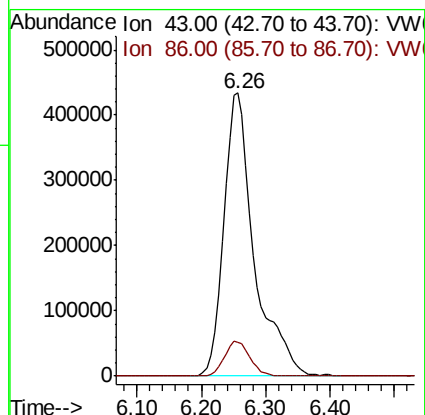
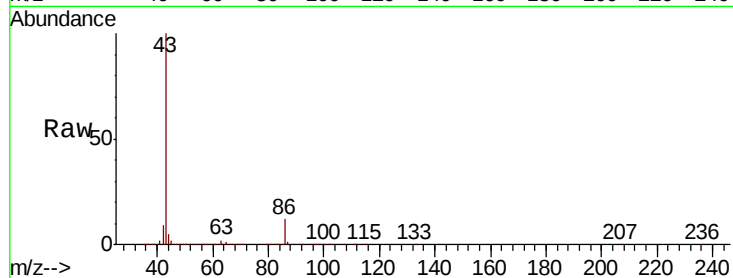
VW0517SBS01

Tgt Ion: 43 Resp: 1433557

Ion Ratio Lower Upper

43 100

86 11.8 9.7 14.5



#24

1,1-Dichloroethane

Concen: 21.207 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW010428.D

Acq: 18 May 2019 00:05

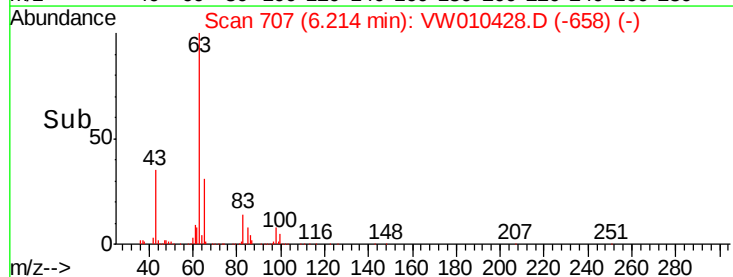
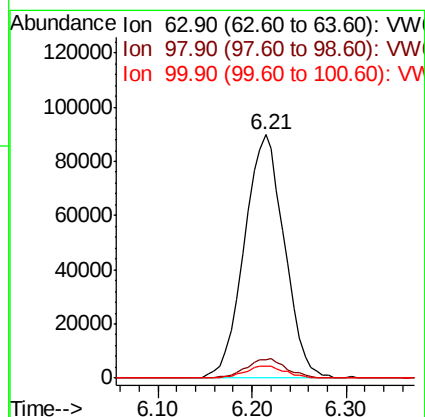
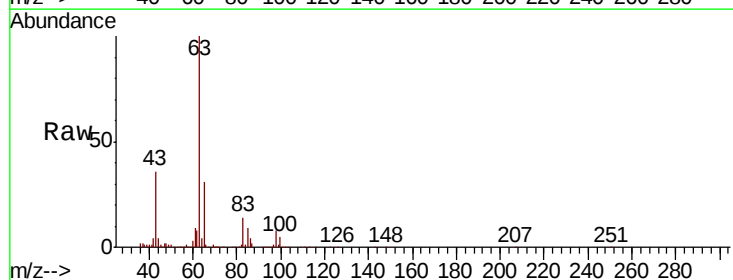
Tgt Ion: 63 Resp: 267426

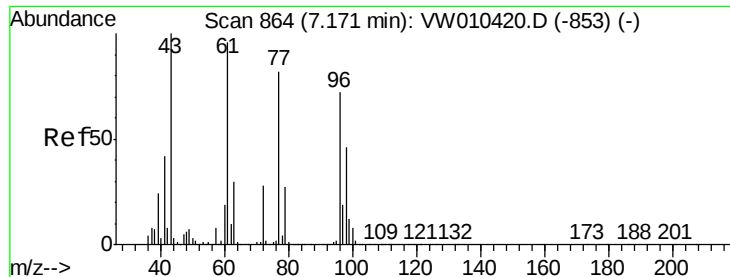
Ion Ratio Lower Upper

63 100

98 7.7 4.0 12.0

100 5.1 2.4 7.2





#25

2-Butanone

Concen: 112.994 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW010428.D

Acq: 18 May 2019 00:05

Instrument :

MSVOA_W

ClientSampled :

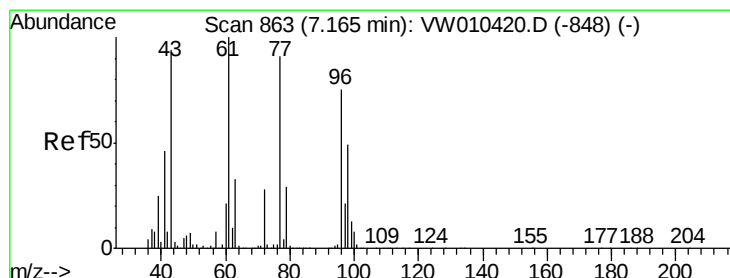
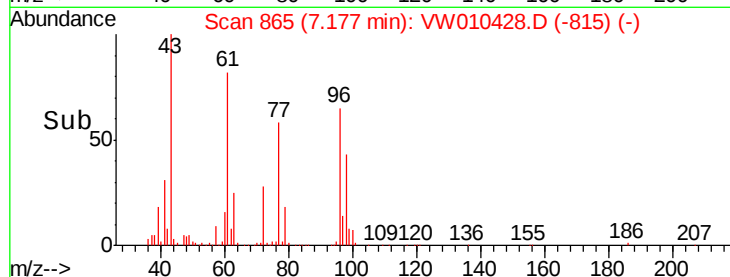
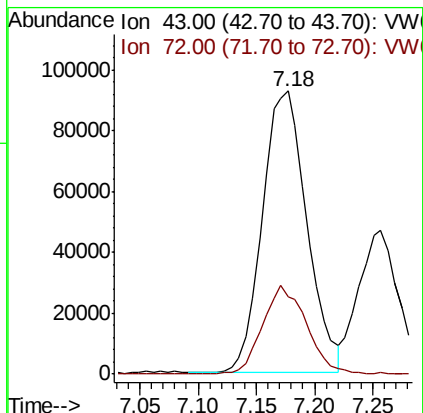
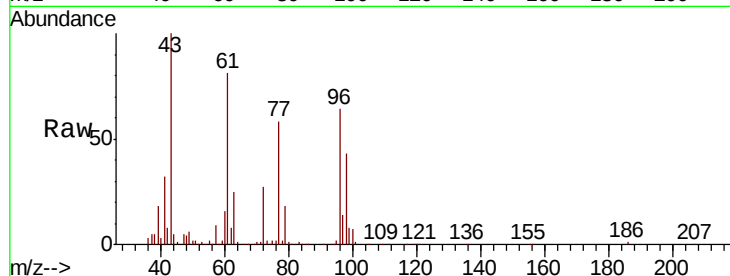
VW0517SBS01

Tgt Ion: 43 Resp: 245483

Ion Ratio Lower Upper

43 100

72 27.6 22.6 33.8



#26

2,2-Dichloropropane

Concen: 17.462 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW010428.D

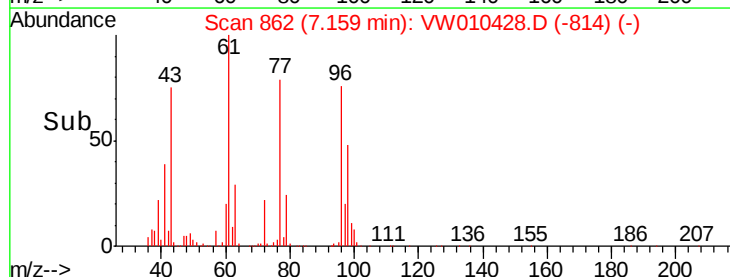
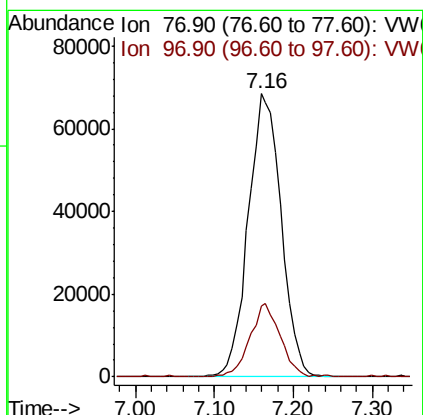
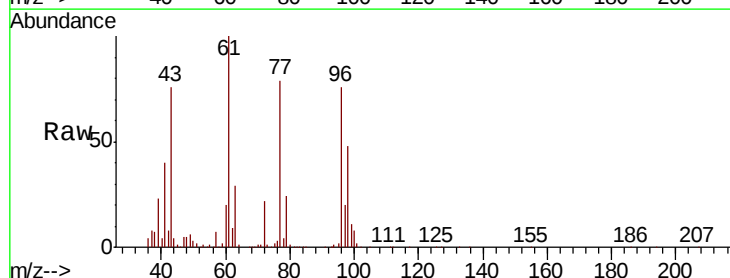
Acq: 18 May 2019 00:05

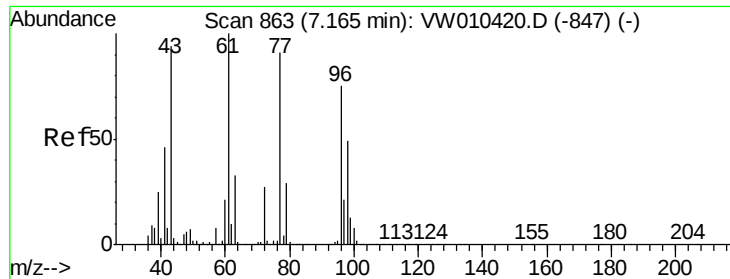
Tgt Ion: 77 Resp: 198704

Ion Ratio Lower Upper

77 100

97 23.9 11.7 35.1



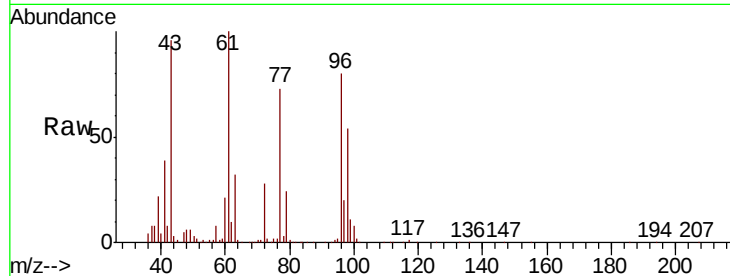


#27

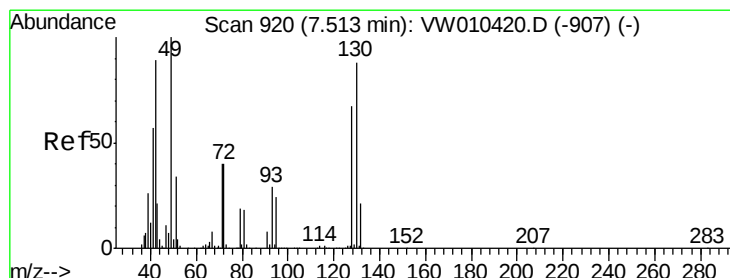
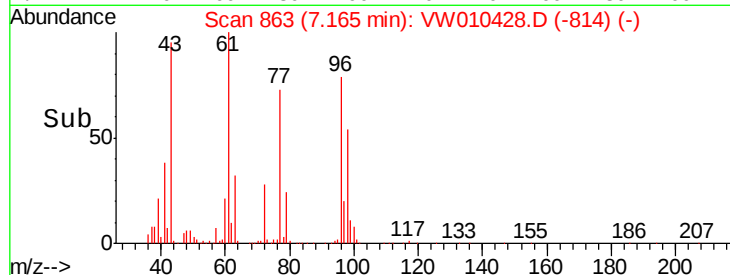
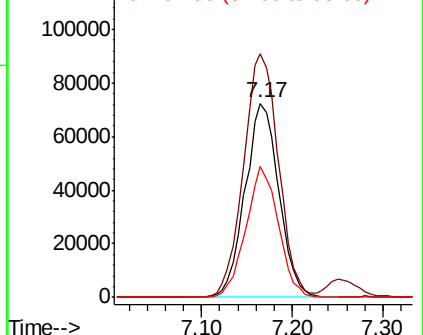
cis-1,2-Dichloroethene
 Concen: 21.778 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW010428.D
 Acq: 18 May 2019 00:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0517SBS01

Tgt Ion: 96 Resp: 187405
 Ion Ratio Lower Upper
 96 100
 61 129.3 0.0 266.4
 98 64.8 0.0 129.6



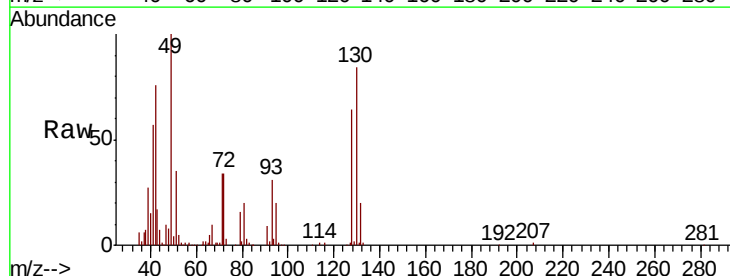
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



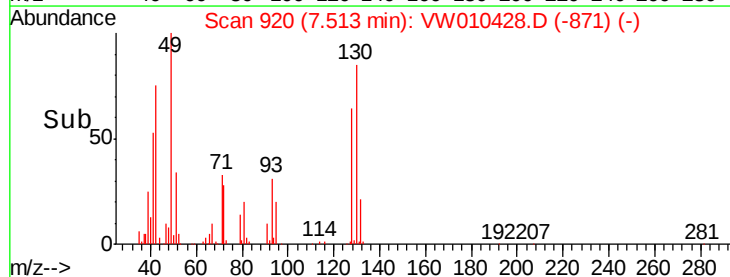
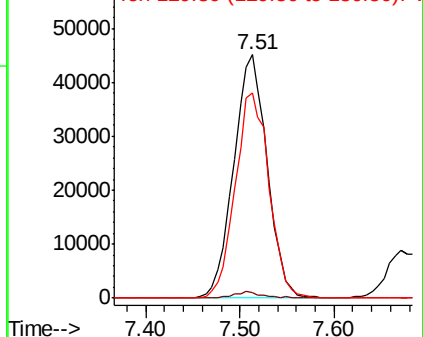
#28

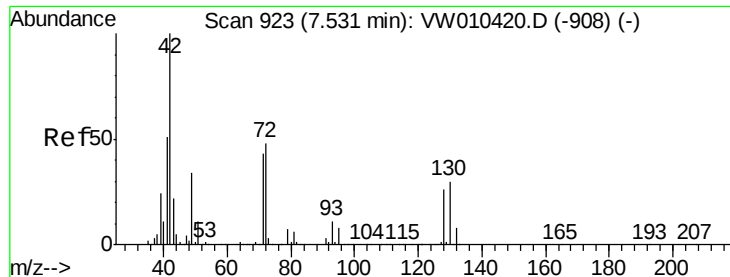
Bromochloromethane
 Concen: 23.587 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW010428.D
 Acq: 18 May 2019 00:05

Tgt Ion: 49 Resp: 111748
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.6
 130 85.2 68.2 102.4



Abundance Ion 48.90 (48.60 to 49.60): VW
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 113.115 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW010428.D

Acq: 18 May 2019 00:05

Instrument :

MSVOA_W

ClientSampleId :

VW0517SBS01

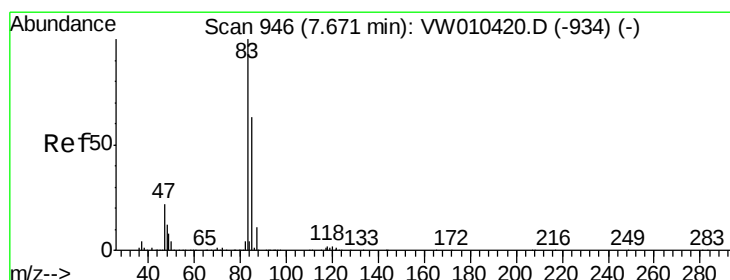
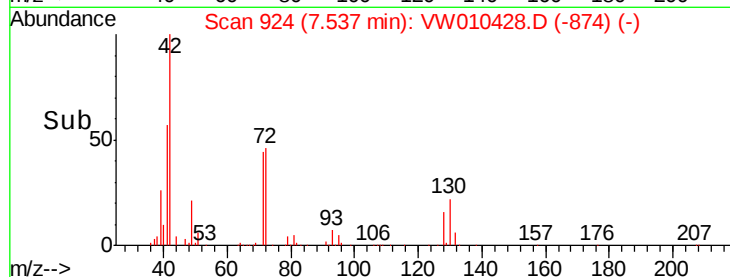
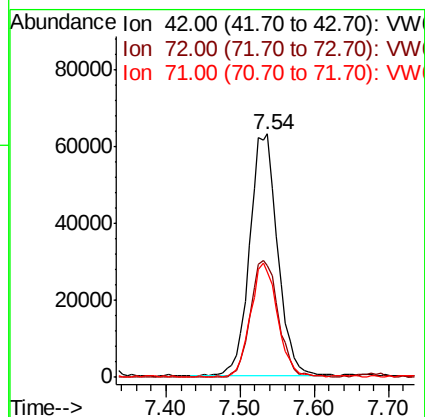
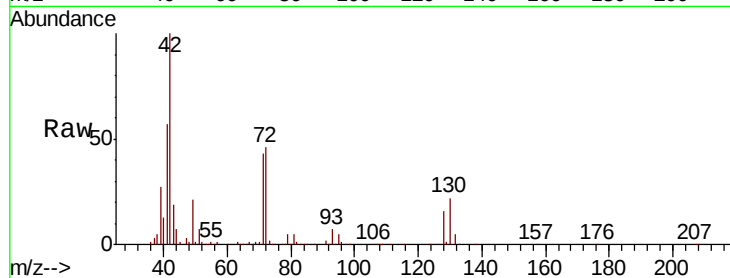
Tgt Ion: 42 Resp: 166301

Ion Ratio Lower Upper

42 100

72 48.8 38.2 57.2

71 45.2 36.0 54.0



#30

Chloroform

Concen: 22.006 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.01 min

Lab File: VW010428.D

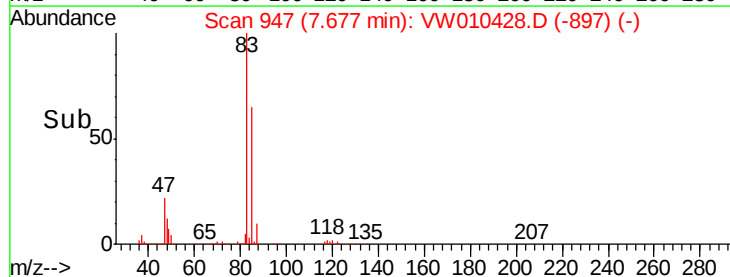
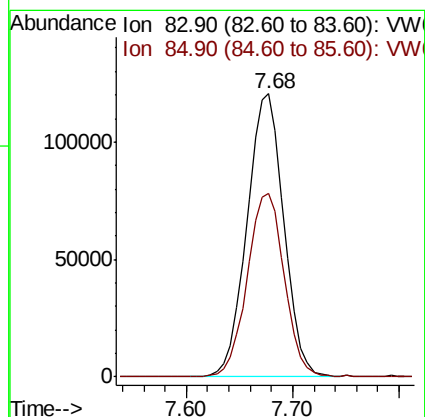
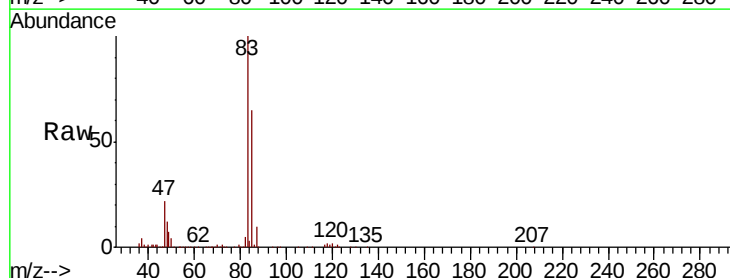
Acq: 18 May 2019 00:05

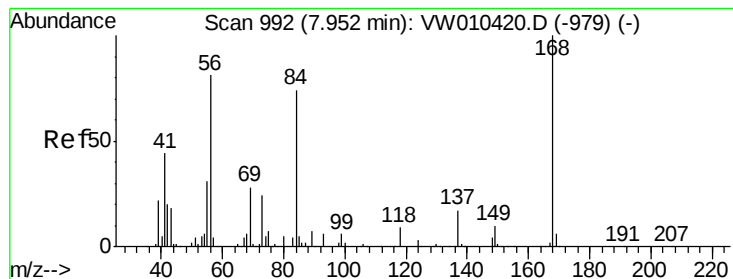
Tgt Ion: 83 Resp: 291857

Ion Ratio Lower Upper

83 100

85 64.7 50.8 76.2





#31

Cyclohexane

Concen: 18.529 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW010428.D

Acq: 18 May 2019 00:05

Instrument :

MSVOA_W

ClientSampleId :

VW0517SBS01

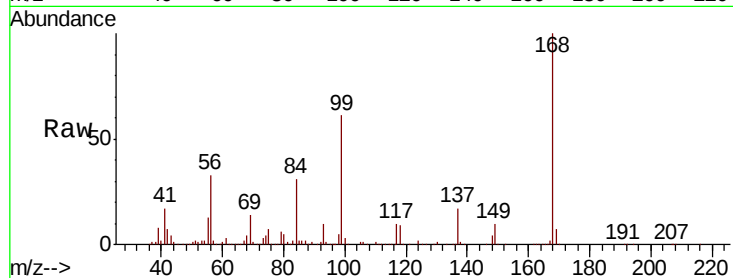
Tgt Ion: 56 Resp: 233981

Ion Ratio Lower Upper

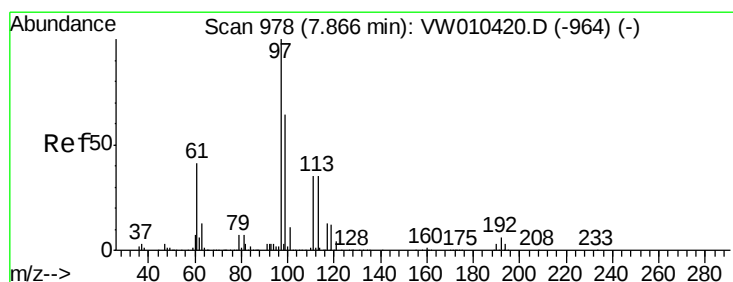
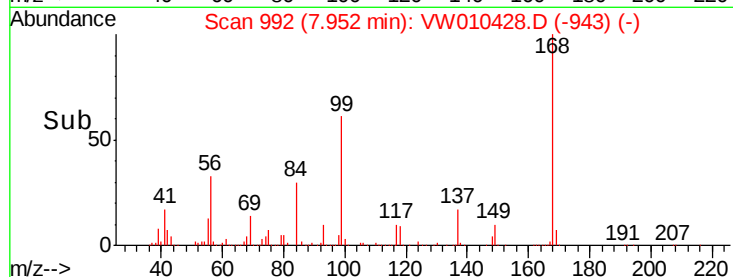
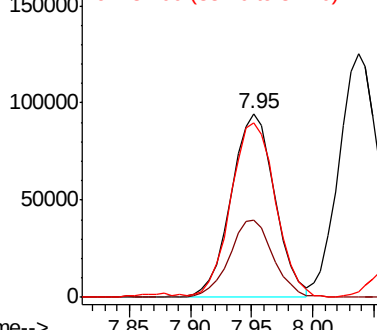
56 100

69 41.6 27.6 41.4#

84 93.3 72.9 109.3



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



#32

1,1,1-Trichloroethane

Concen: 20.469 ug/l

RT: 7.87 min Scan# 978

Delta R.T. 0.00 min

Lab File: VW010428.D

Acq: 18 May 2019 00:05

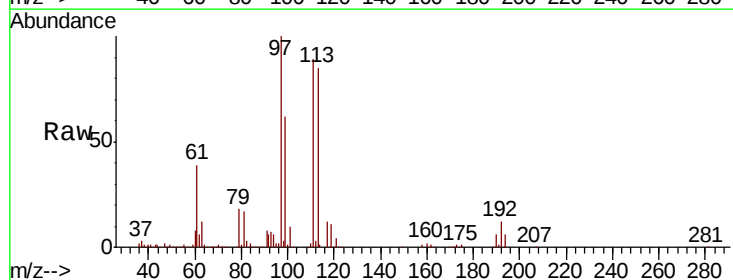
Tgt Ion: 97 Resp: 255988

Ion Ratio Lower Upper

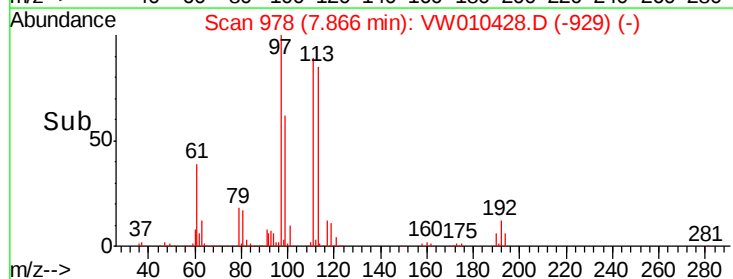
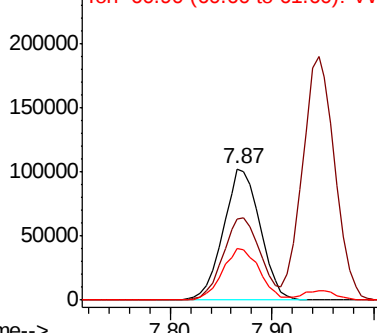
97 100

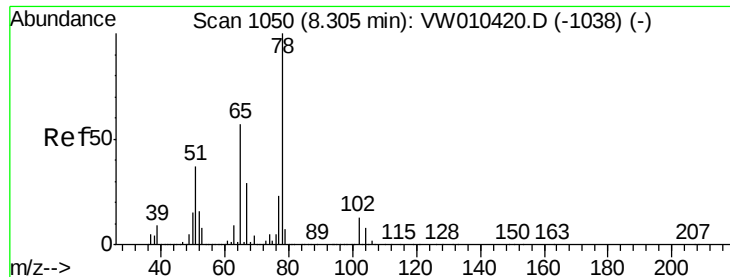
99 64.6 51.4 77.2

61 39.9 32.0 48.0



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

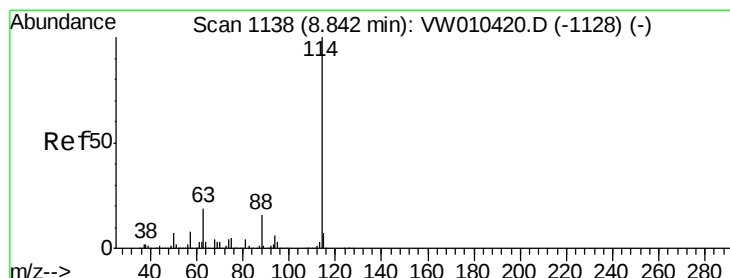
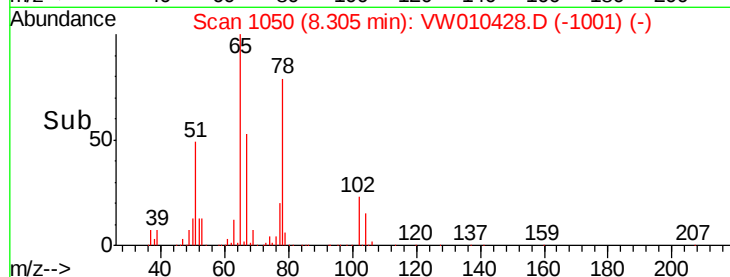
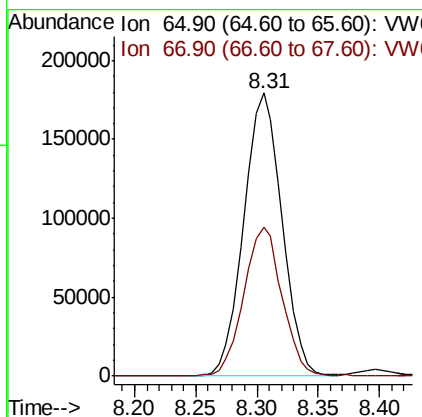
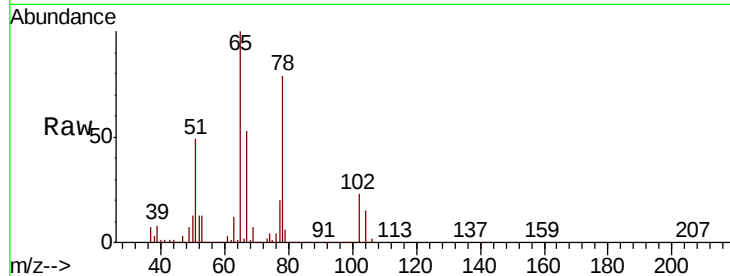




#33
 1,2-Dichloroethane-d4
 Concen: 53.927 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW010428.D
 Acq: 18 May 2019 00:05

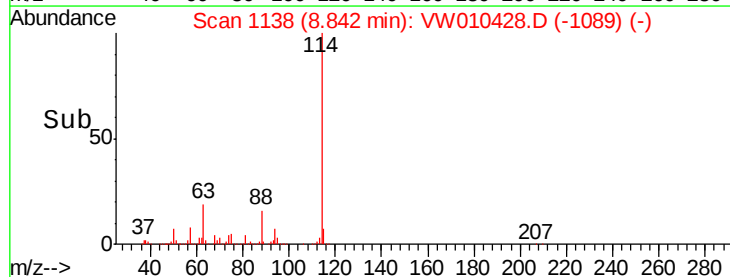
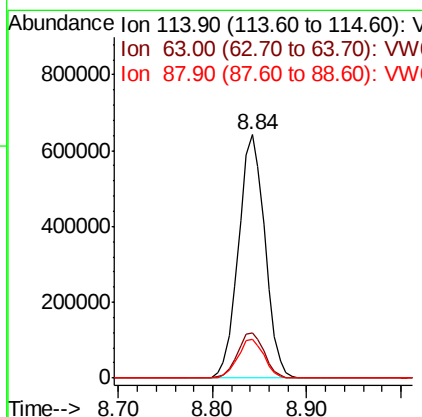
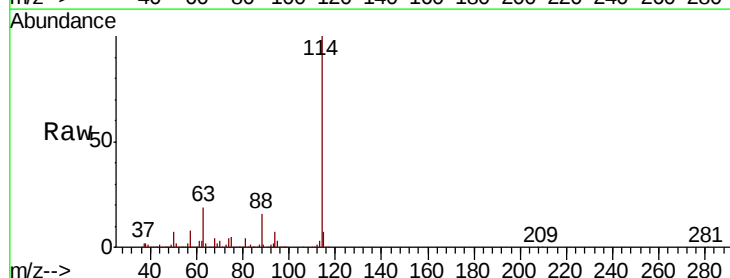
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0517SBS01

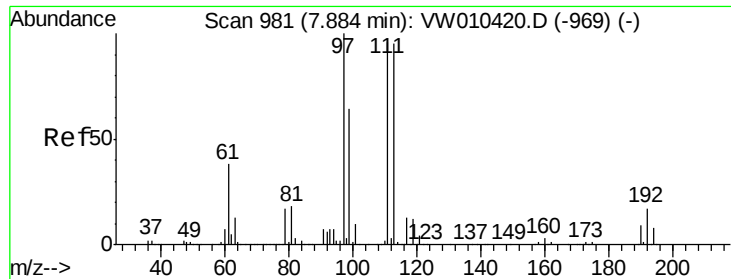
Tgt Ion: 65 Resp: 390167
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010428.D
 Acq: 18 May 2019 00:05

Tgt Ion: 114 Resp: 1258283
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.8
 88 16.0 0.0 31.6

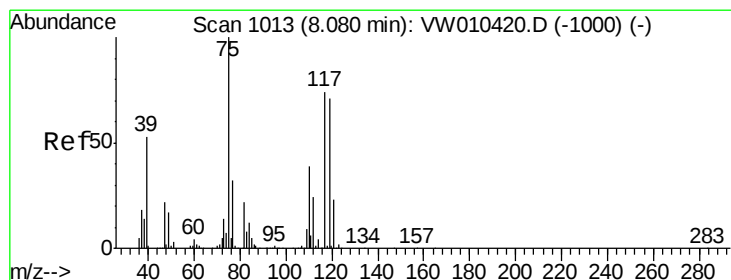
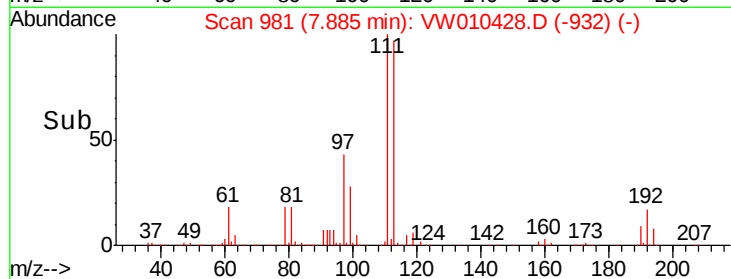
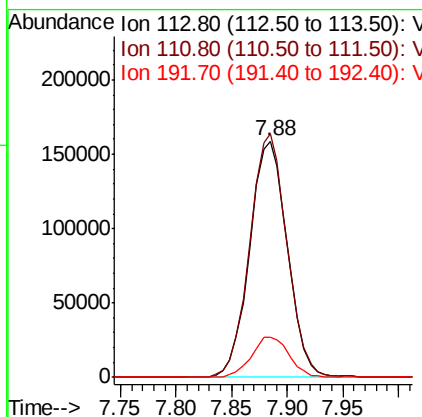
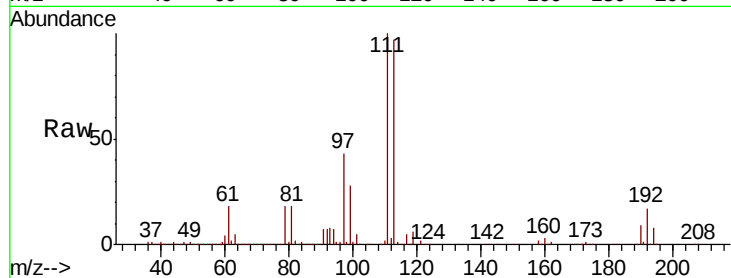




#35
 Dibromofluoromethane
 Concen: 48.056 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW010428.D
 Acq: 18 May 2019 00:05

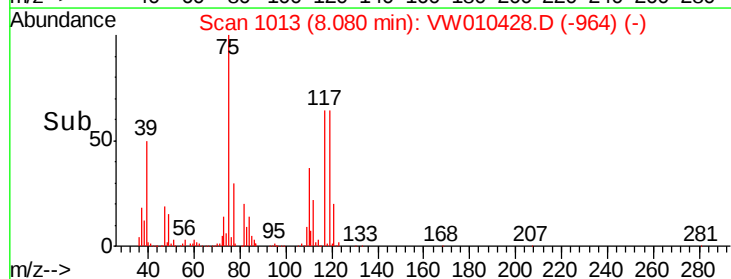
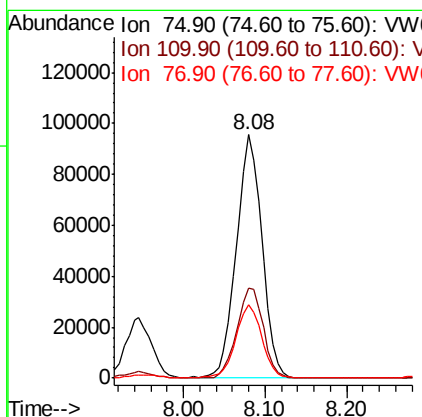
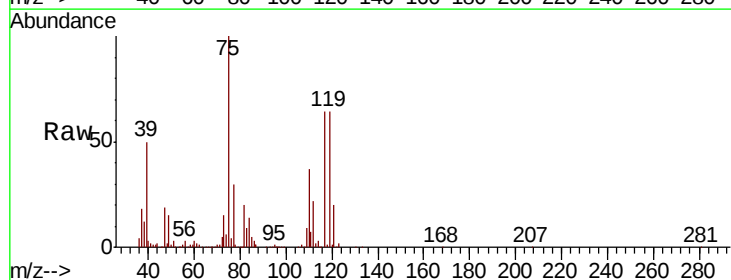
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0517SBS01

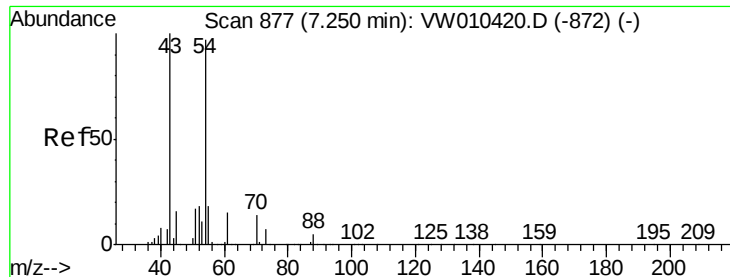
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.5	123.7
192	17.2	14.2	21.4



#36
 1,1-Dichloropropene
 Concen: 18.706 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW010428.D
 Acq: 18 May 2019 00:05

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.9	19.4	58.1
77	30.7	24.7	37.1

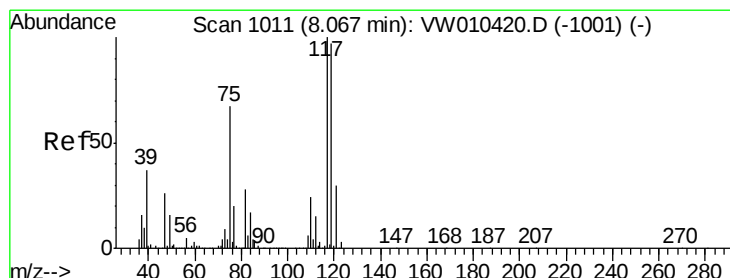
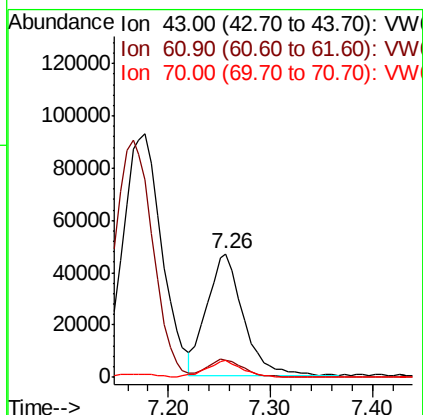
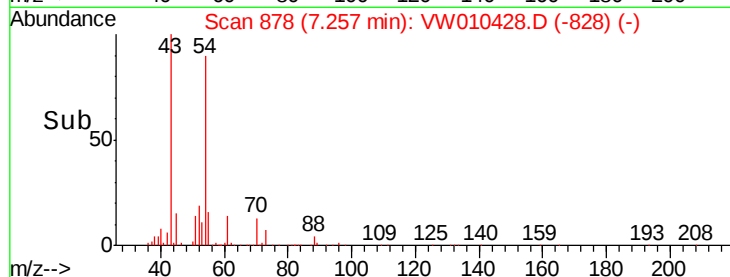
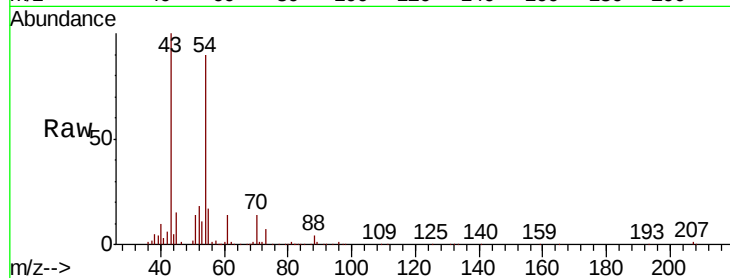




#37
 Ethyl Acetate
 Concen: 21.708 ug/l
 RT: 7.26 min Scan# 878
 Delta R.T. 0.01 min
 Lab File: VW010428.D
 Acq: 18 May 2019 00:05

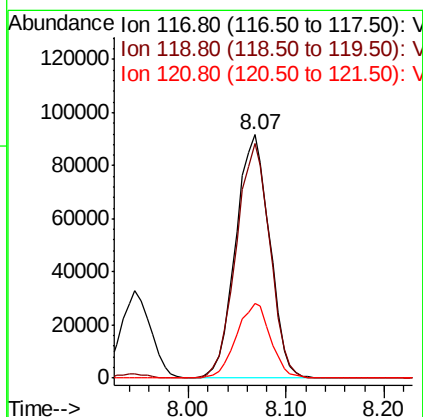
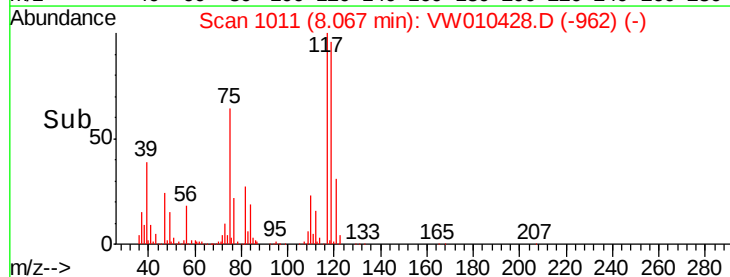
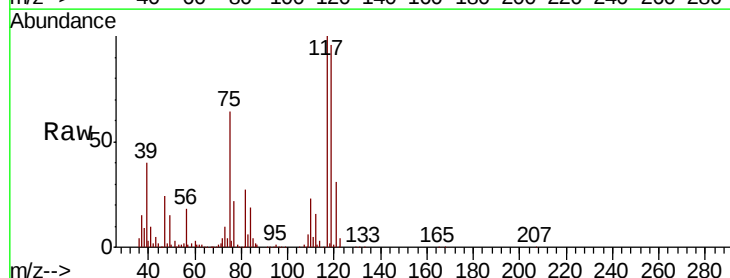
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0517SBS01

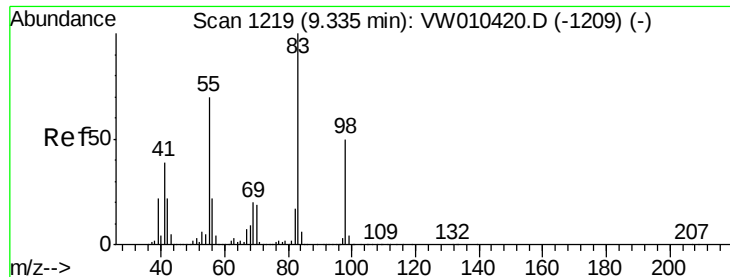
Tgt Ion: 43 Resp: 116023
 Ion Ratio Lower Upper
 43 100
 61 15.0 11.8 17.6
 70 12.9 9.4 14.0



#38
 Carbon Tetrachloride
 Concen: 18.364 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VW010428.D
 Acq: 18 May 2019 00:05

Tgt Ion: 117 Resp: 220770
 Ion Ratio Lower Upper
 117 100
 119 96.3 77.8 116.6
 121 30.8 24.2 36.2

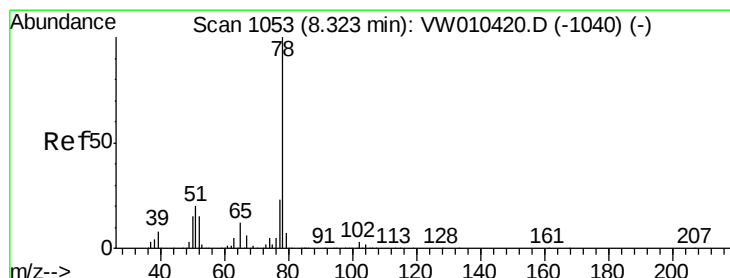
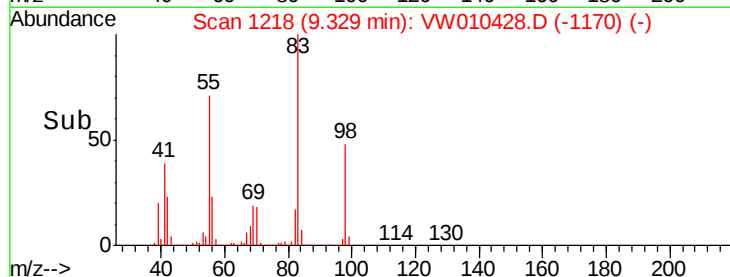
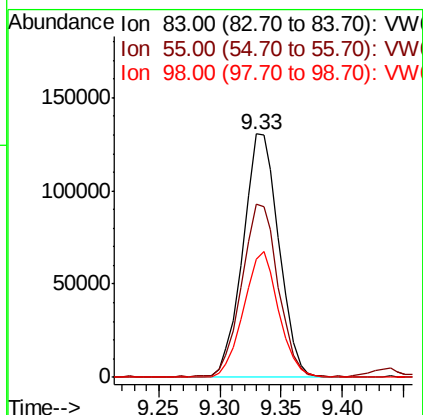
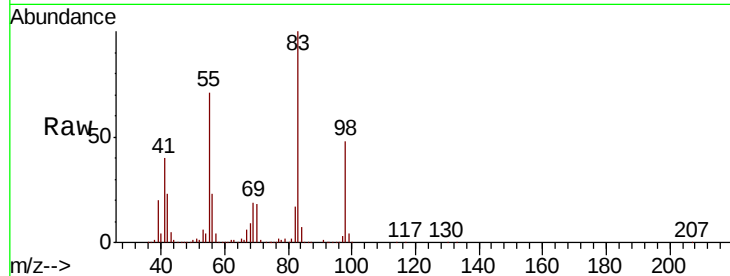




#39
Methylcyclohexane
Concen: 17.949 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW010428.D
Acq: 18 May 2019 00:05

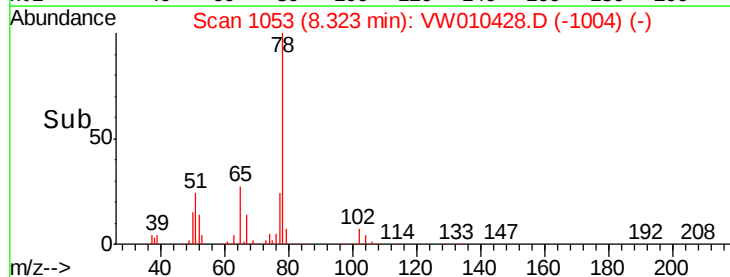
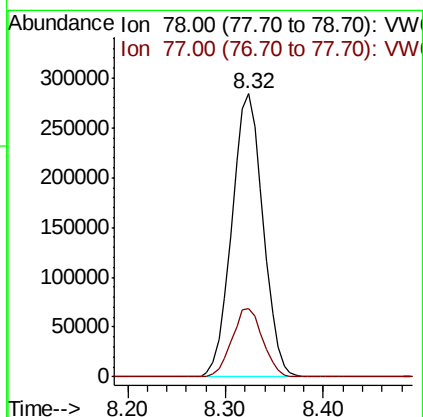
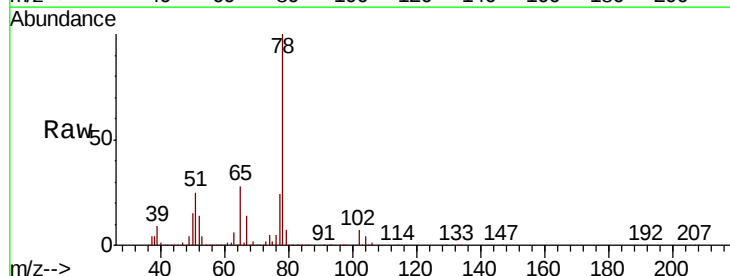
Instrument :
MSVOA_W
ClientSampleId :
VW0517SBS01

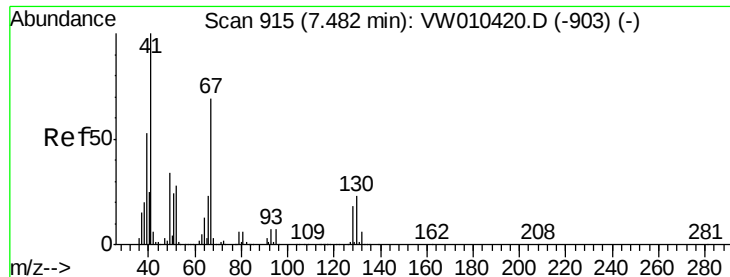
Tgt Ion: 83 Resp: 267007
Ion Ratio Lower Upper
83 100
55 70.6 55.7 83.5
98 48.3 40.2 60.4



#40
Benzene
Concen: 19.794 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW010428.D
Acq: 18 May 2019 00:05

Tgt Ion: 78 Resp: 629295
Ion Ratio Lower Upper
78 100
77 24.0 18.7 28.1





#41

Methacrylonitrile

Concen: 22.356 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW010428.D

Acq: 18 May 2019 00:05

Instrument :

MSVOA_W

ClientSampleId :

VW0517SBS01

Tgt Ion: 41 Resp: 71553

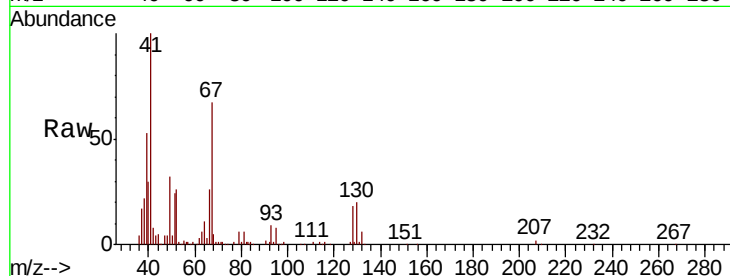
Ion Ratio Lower Upper

41 100

39 53.6 38.1 57.1

67 72.1 55.5 83.3

52 28.4 22.1 33.1

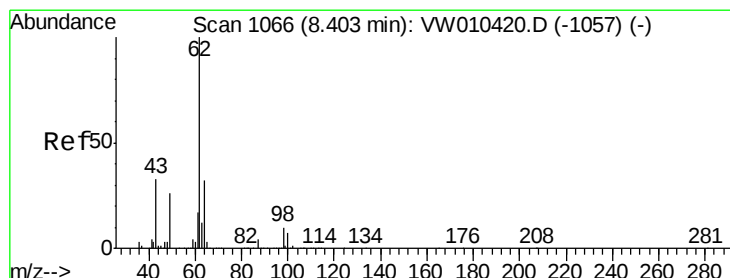
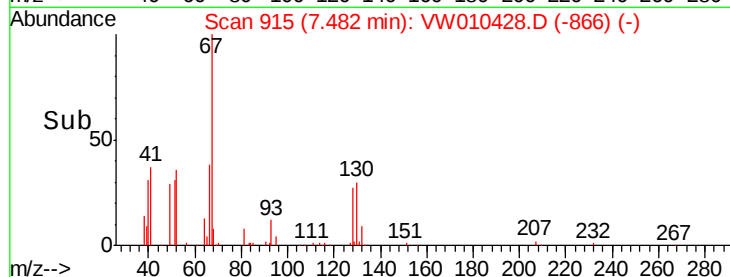
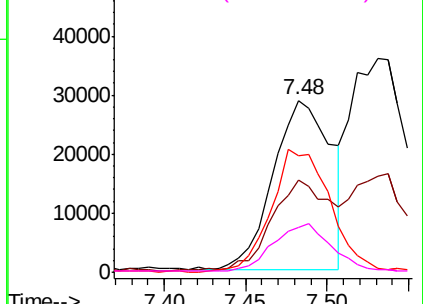


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 21.345 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.01 min

Lab File: VW010428.D

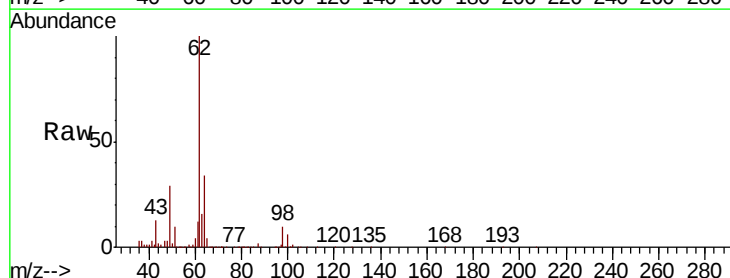
Acq: 18 May 2019 00:05

Tgt Ion: 62 Resp: 202184

Ion Ratio Lower Upper

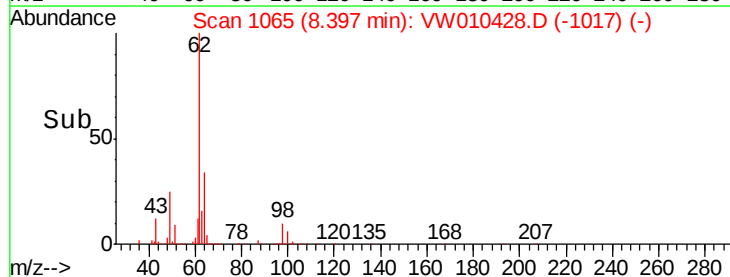
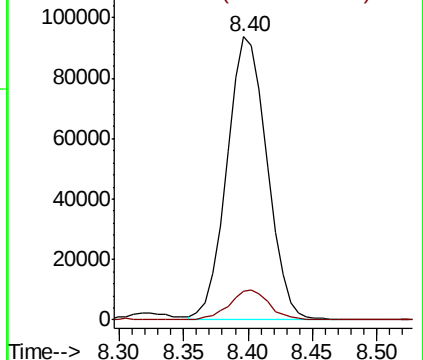
62 100

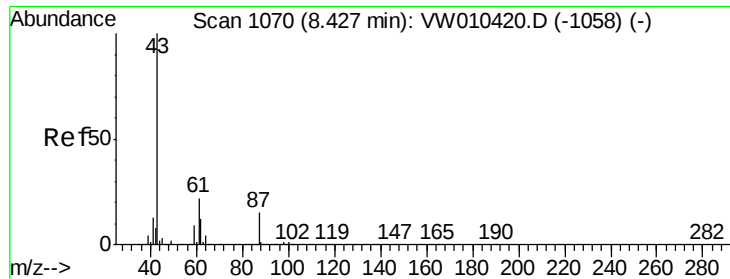
98 10.5 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 21.612 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW010428.D

Acq: 18 May 2019 00:05

Instrument :

MSVOA_W

ClientSampleId :

VW0517SBS01

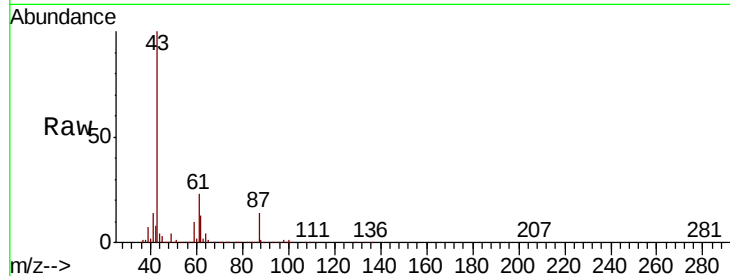
Tgt Ion: 43 Resp: 235230

Ion Ratio Lower Upper

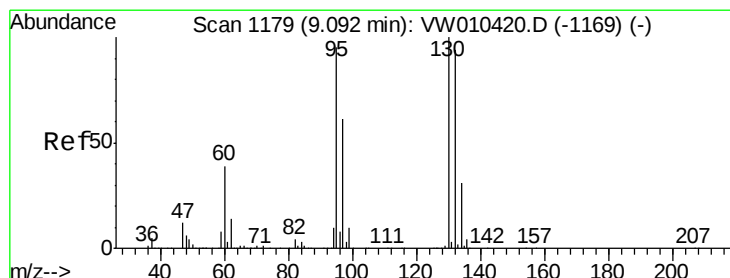
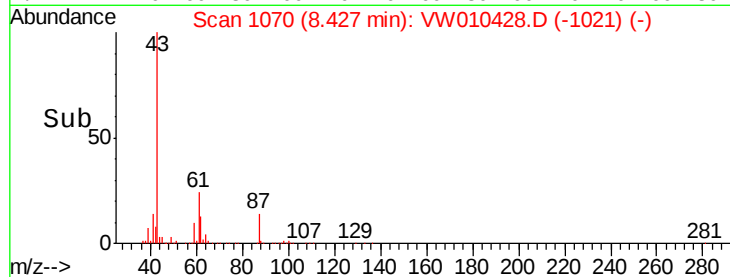
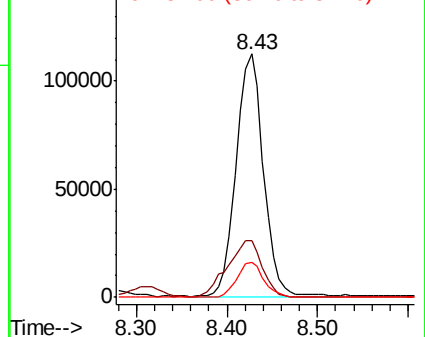
43 100

61 30.1 24.4 36.6

87 14.2 11.8 17.8



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 19.586 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW010428.D

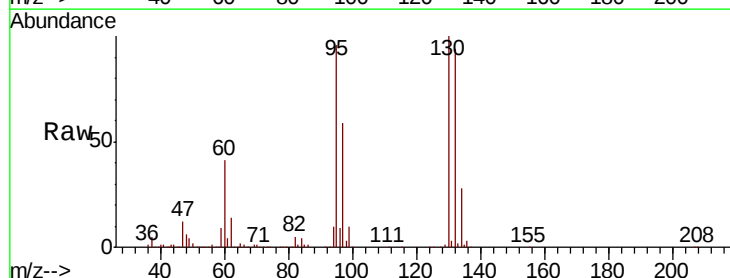
Acq: 18 May 2019 00:05

Tgt Ion: 130 Resp: 178394

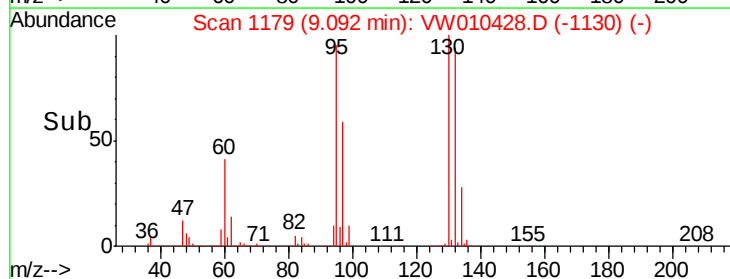
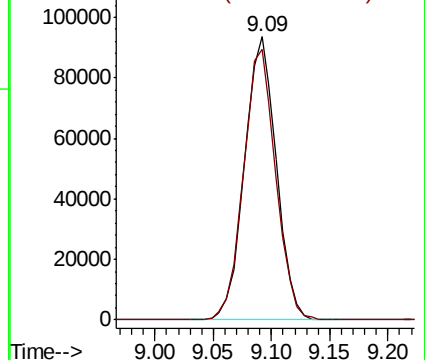
Ion Ratio Lower Upper

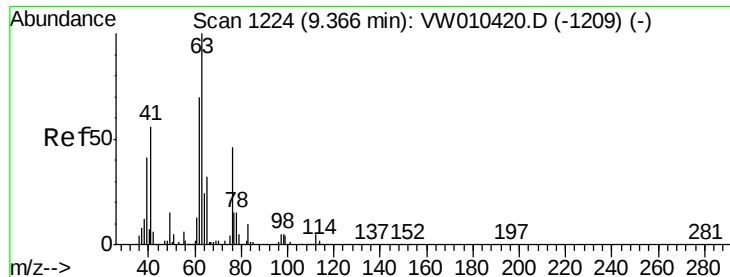
130 100

95 95.4 0.0 190.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW

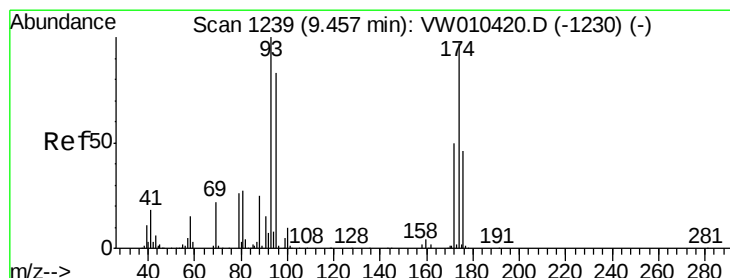
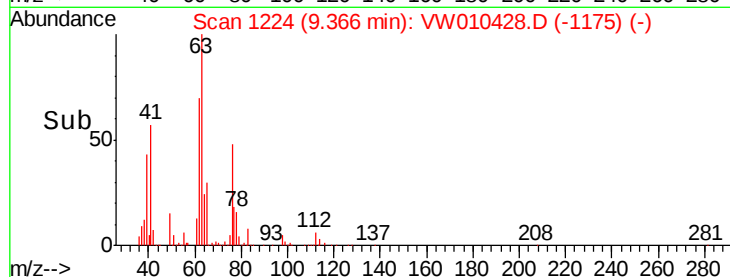
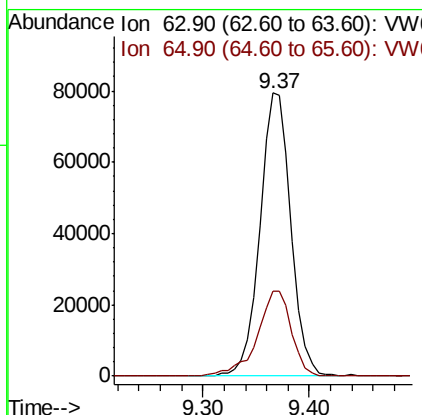
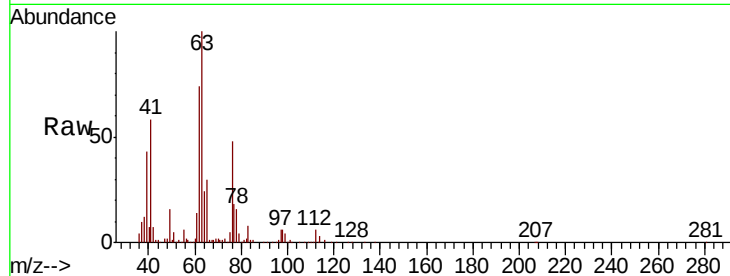




#45
 1,2-Dichloropropane
 Concen: 20.678 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW010428.D
 Acq: 18 May 2019 00:05

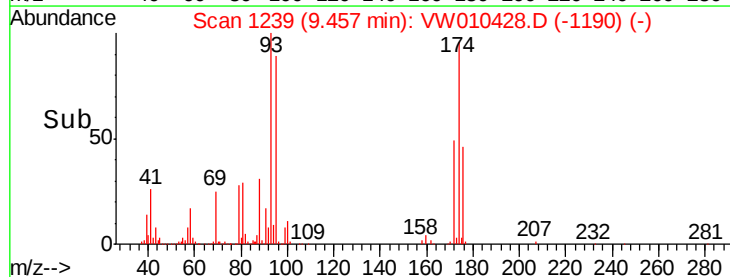
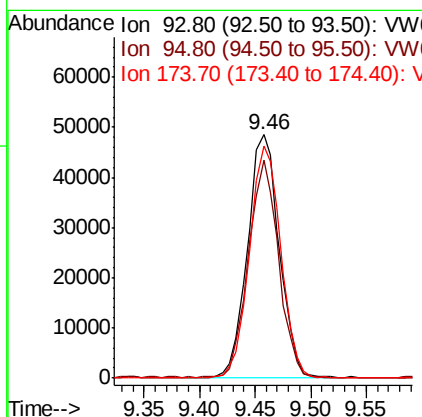
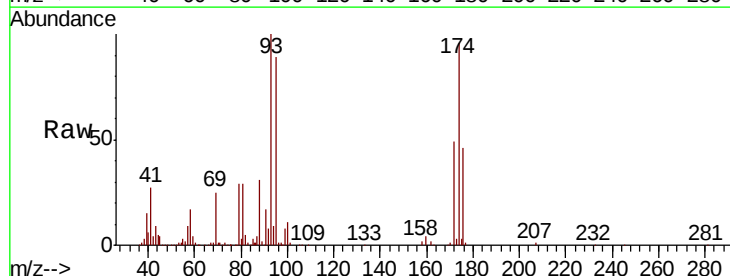
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0517SBS01

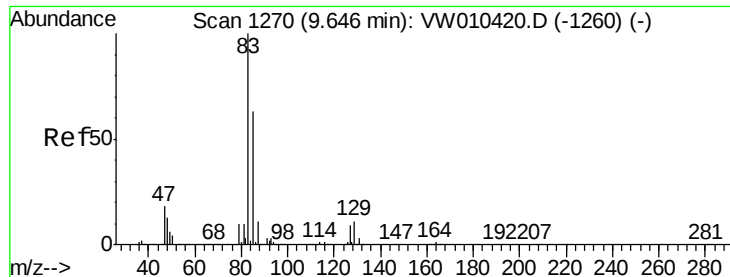
Tgt Ion: 63 Resp: 160919
 Ion Ratio Lower Upper
 63 100
 65 30.1 25.4 38.2



#46
 Dibromomethane
 Concen: 21.017 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW010428.D
 Acq: 18 May 2019 00:05

Tgt Ion: 93 Resp: 96619
 Ion Ratio Lower Upper
 93 100
 95 84.9 66.6 100.0
 174 94.1 76.4 114.6





#47

Bromodichloromethane

Concen: 20.587 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW010428.D

Acq: 18 May 2019 00:05

Instrument :

MSVOA_W

ClientSampleId :

VW0517SBS01

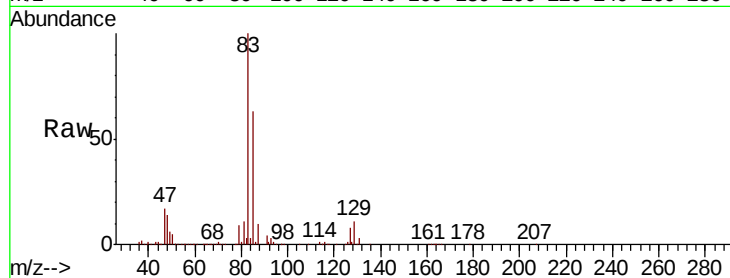
Tgt Ion: 83 Resp: 235181

Ion Ratio Lower Upper

83 100

85 62.7 50.0 75.0

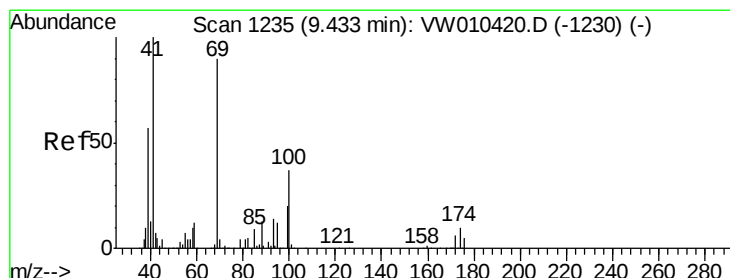
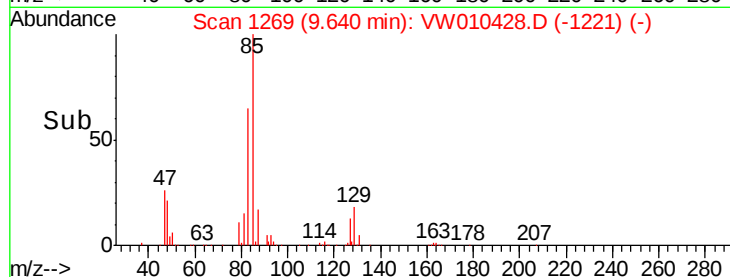
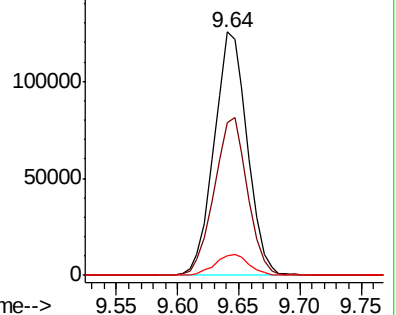
127 7.9 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 20.634 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.01 min

Lab File: VW010428.D

Acq: 18 May 2019 00:05

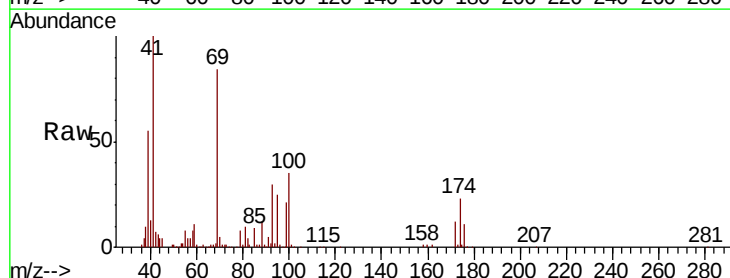
Tgt Ion: 41 Resp: 103485

Ion Ratio Lower Upper

41 100

69 95.4 75.2 112.8

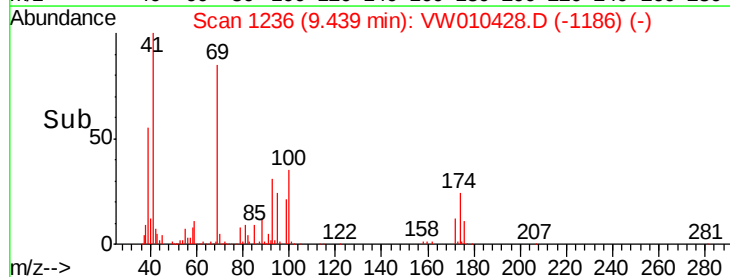
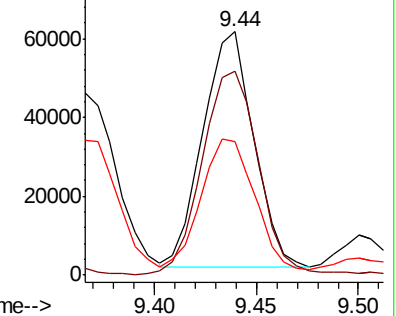
39 62.5 46.8 70.2

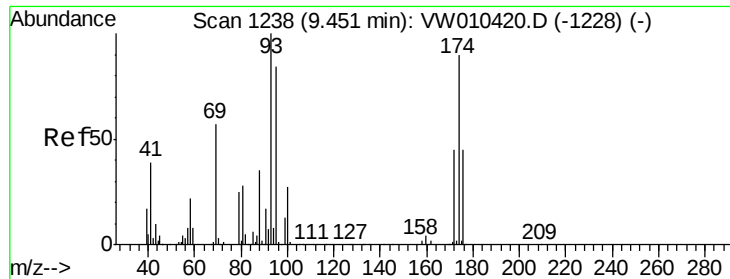


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 447.301 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW010428.D

Acq: 18 May 2019 00:05

Instrument :

MSVOA_W

ClientSampleId :

VW0517SBS01

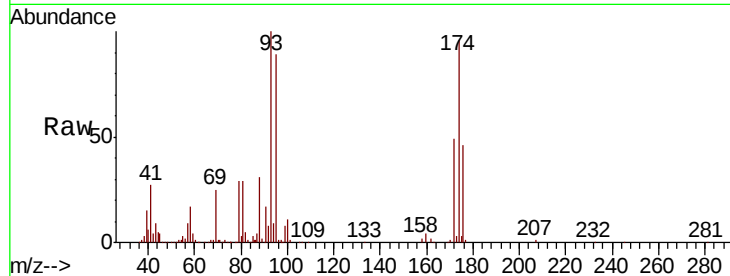
Tgt Ion: 88 Resp: 30433

Ion Ratio Lower Upper

88 100

43 0.0 24.9 37.3#

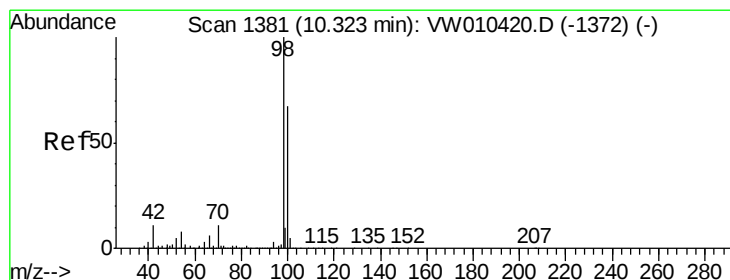
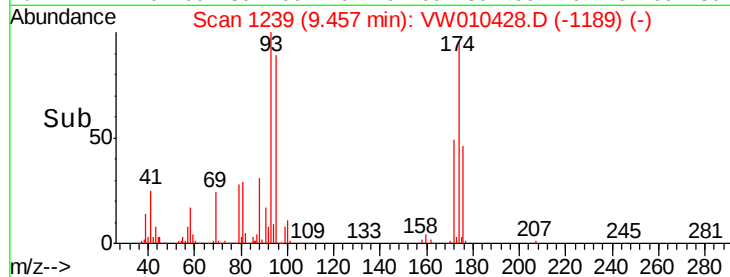
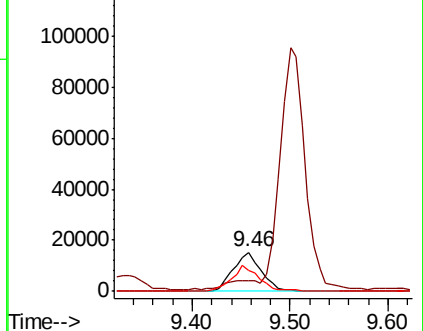
58 67.5 55.0 82.6



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 47.131 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010428.D

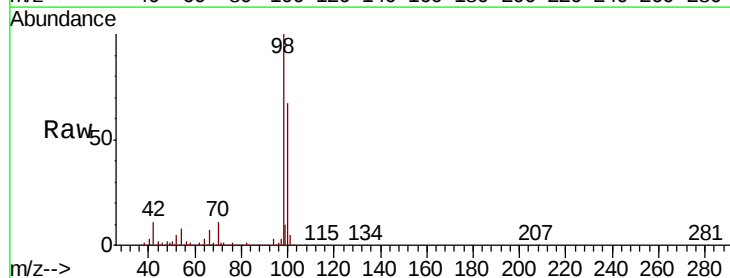
Acq: 18 May 2019 00:05

Tgt Ion: 98 Resp: 1365892

Ion Ratio Lower Upper

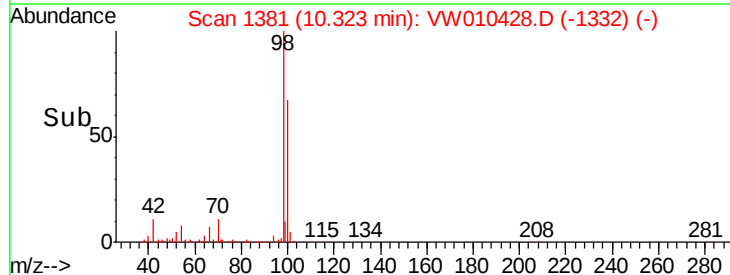
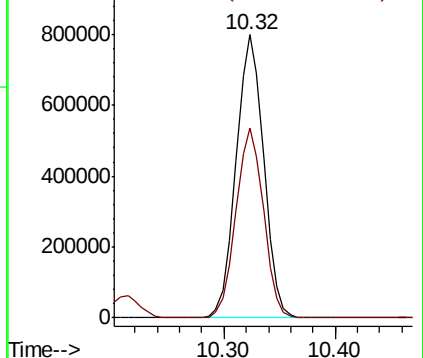
98 100

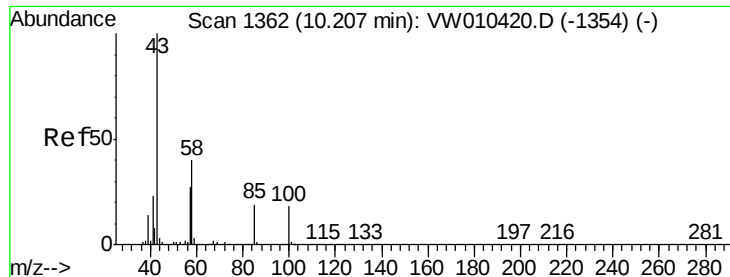
100 67.0 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 105.282 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW010428.D

Acq: 18 May 2019 00:05

Instrument :

MSVOA_W

ClientSampleId :

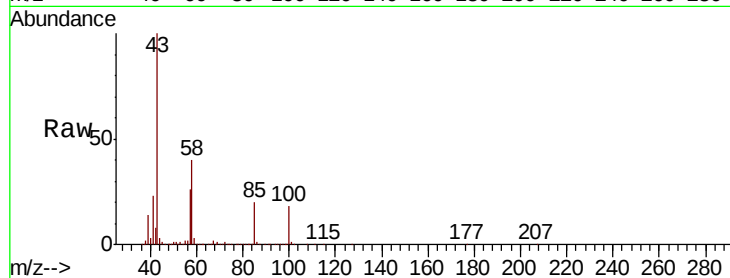
VW0517SBS01

Tgt Ion: 43 Resp: 586155

Ion Ratio Lower Upper

43 100

58 41.2 32.7 49.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

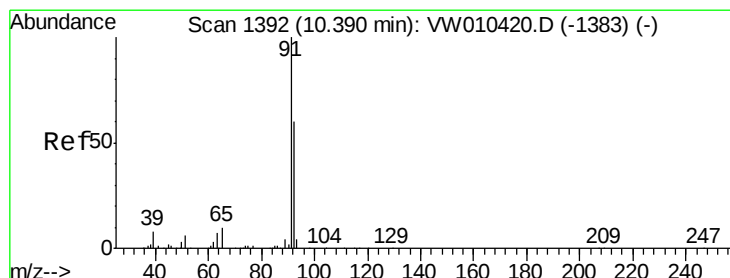
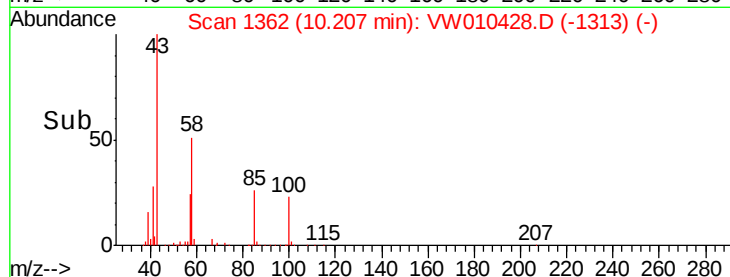
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 19.742 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW010428.D

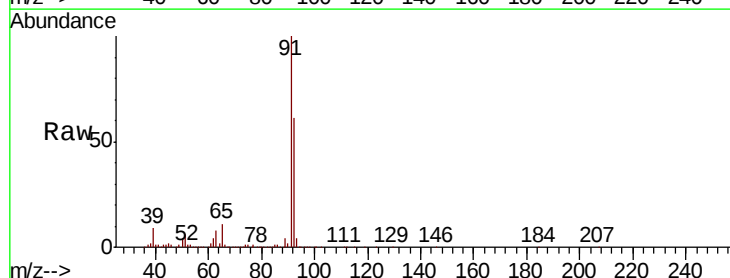
Acq: 18 May 2019 00:05

Tgt Ion: 92 Resp: 416848

Ion Ratio Lower Upper

92 100

91 170.3 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.39

400000

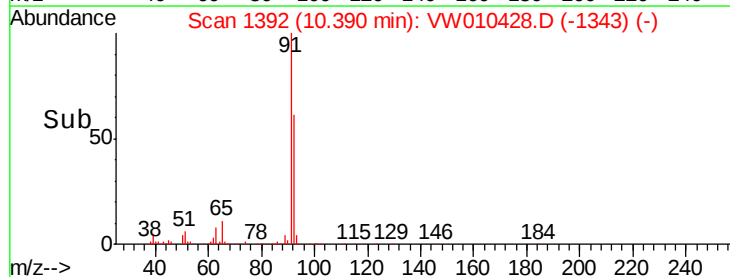
300000

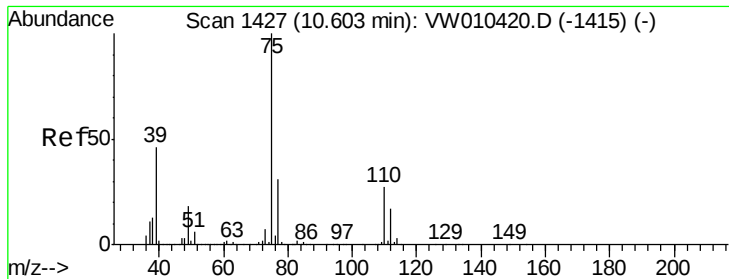
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.486 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW010428.D

Acq: 18 May 2019 00:05

Instrument :

MSVOA_W

ClientSampleId :

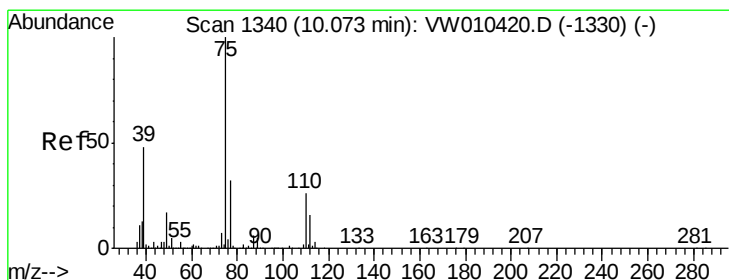
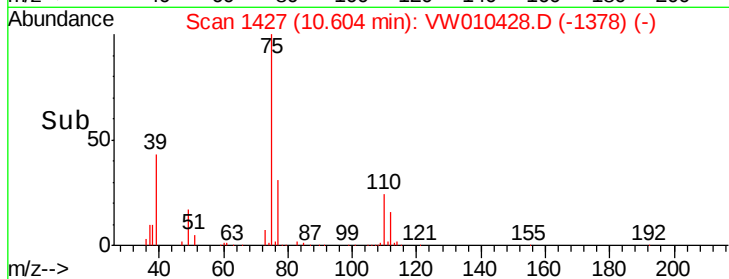
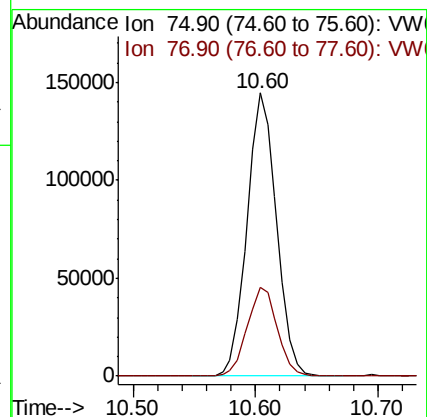
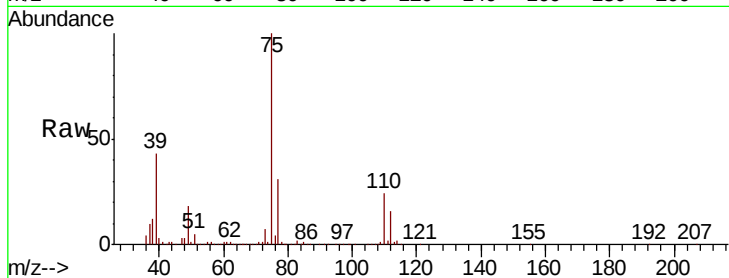
VW0517SBS01

Tgt Ion: 75 Resp: 241365

Ion Ratio Lower Upper

75 100

77 31.0 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 20.021 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW010428.D

Acq: 18 May 2019 00:05

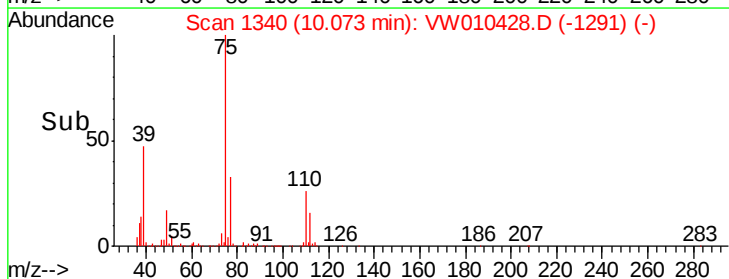
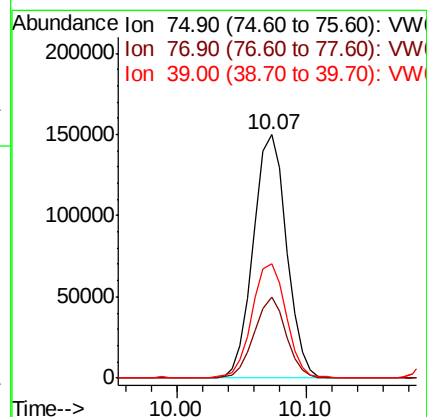
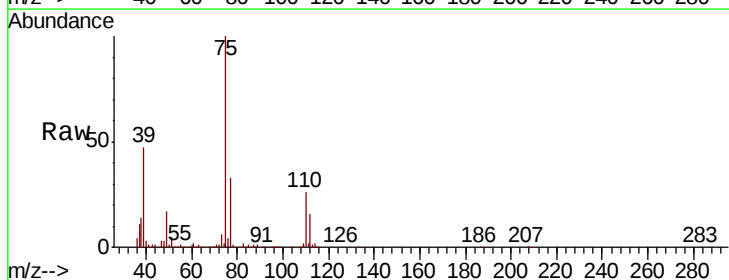
Tgt Ion: 75 Resp: 267425

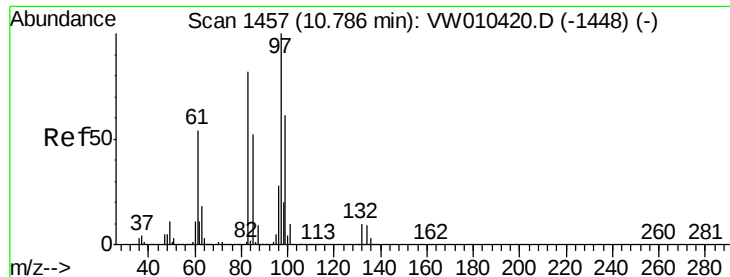
Ion Ratio Lower Upper

75 100

77 33.1 25.2 37.8

39 46.7 38.1 57.1





#55

1,1,2-Trichloroethane

Concen: 21.429 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW010428.D

Acq: 18 May 2019 00:05

Instrument :

MSVOA_W

ClientSampleId :

VW0517SBS01

Tgt Ion: 97 Resp: 142137

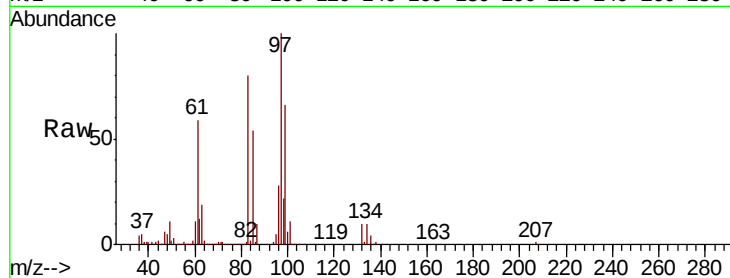
Ion Ratio Lower Upper

97 100

83 79.5 65.6 98.4

85 53.6 41.6 62.4

99 66.2 48.8 73.2



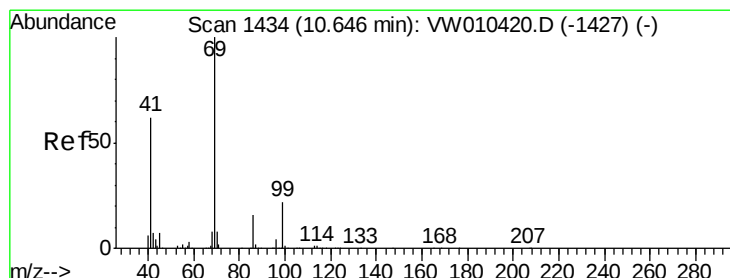
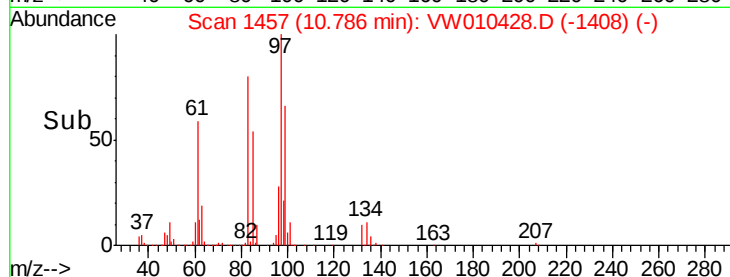
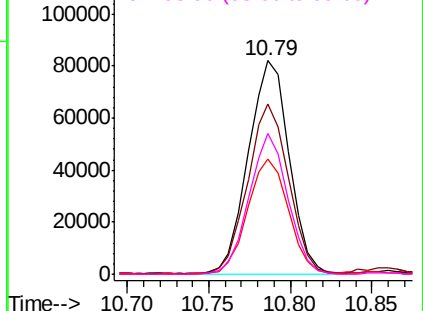
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 21.450 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW010428.D

Acq: 18 May 2019 00:05

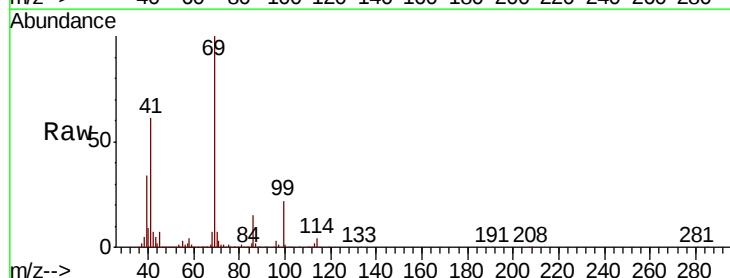
Tgt Ion: 69 Resp: 198533

Ion Ratio Lower Upper

69 100

41 60.5 50.0 75.0

39 31.7 26.5 39.7

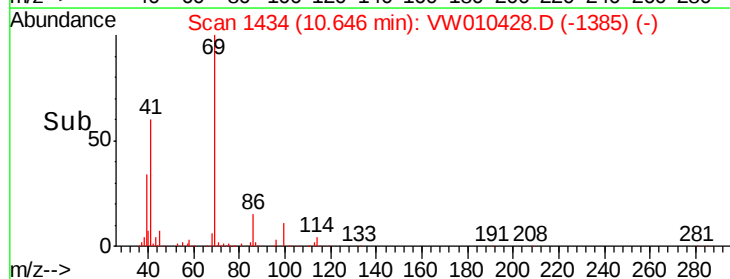
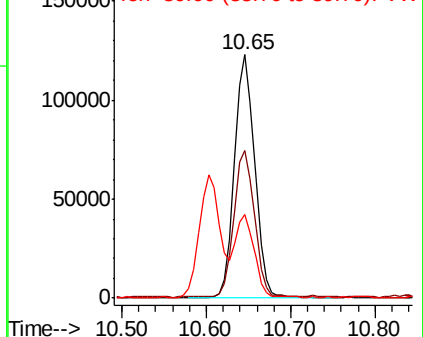


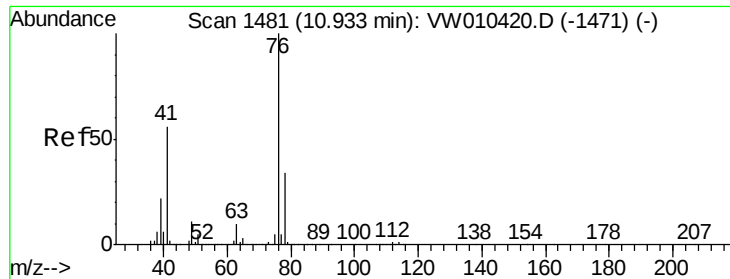
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

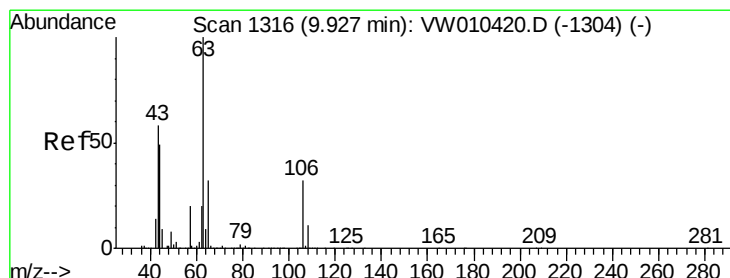
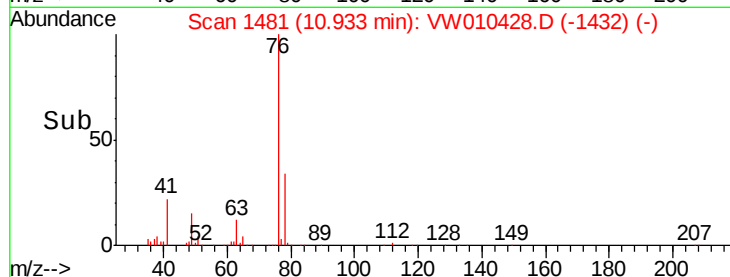
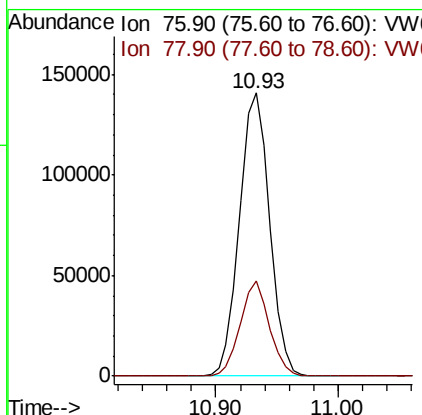
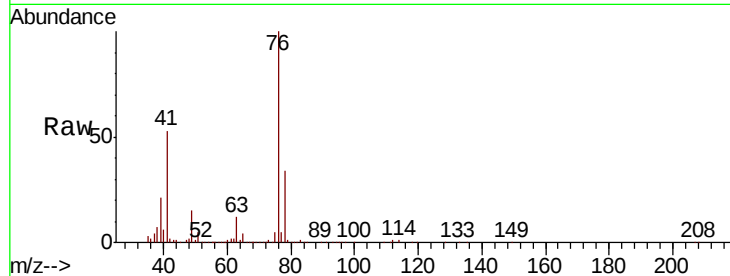




#57
 1,3-Dichloropropane
 Concen: 21.700 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW010428.D
 Acq: 18 May 2019 00:05

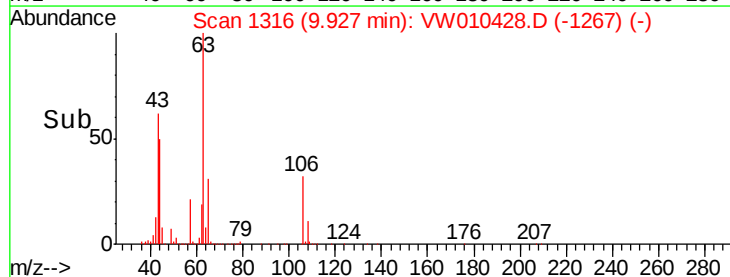
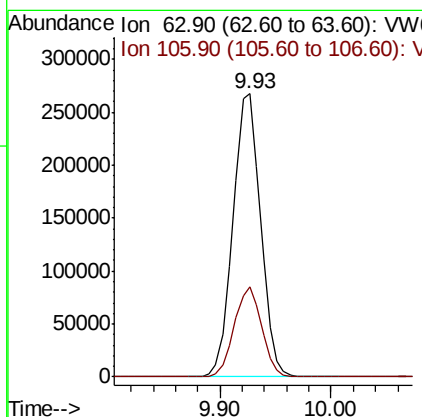
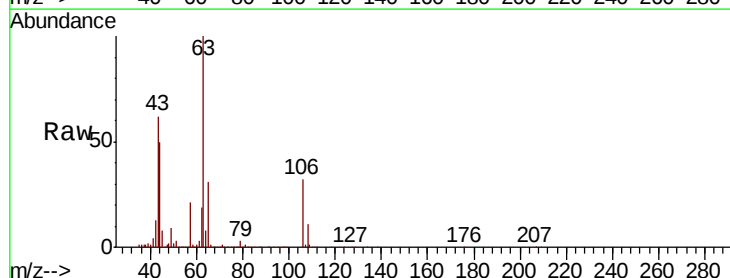
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0517SBS01

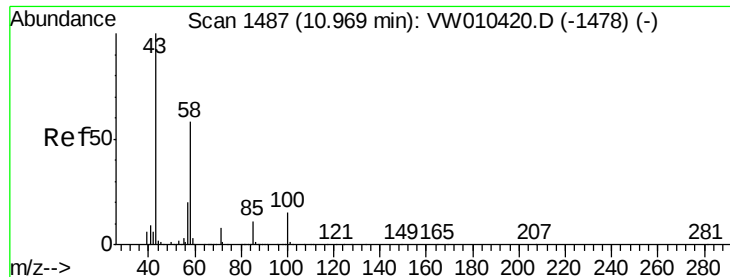
Tgt Ion: 76 Resp: 241291
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.347 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW010428.D
 Acq: 18 May 2019 00:05

Tgt Ion: 63 Resp: 459604
 Ion Ratio Lower Upper
 63 100
 106 31.6 25.2 37.8

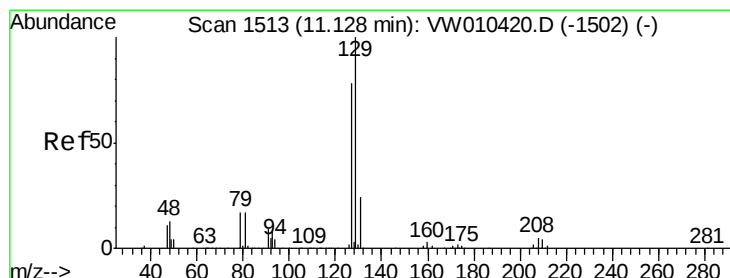
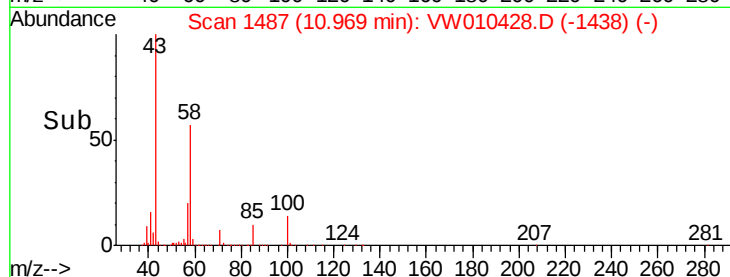
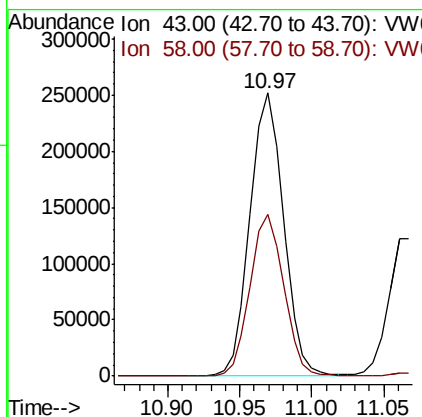
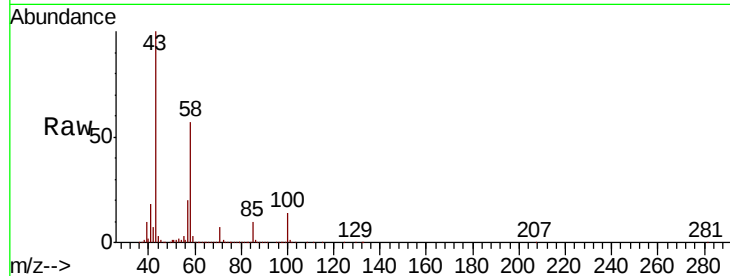




#59
2-Hexanone
Concen: 104.730 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW010428.D
Acq: 18 May 2019 00:05

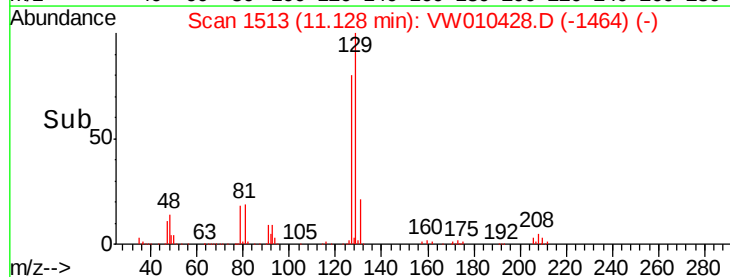
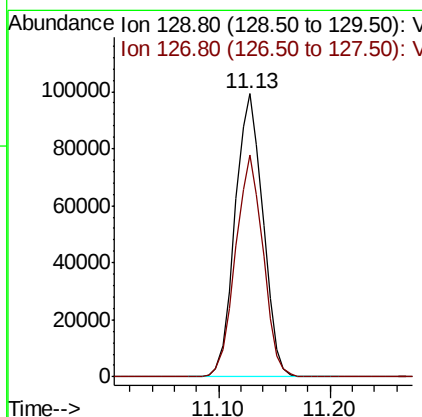
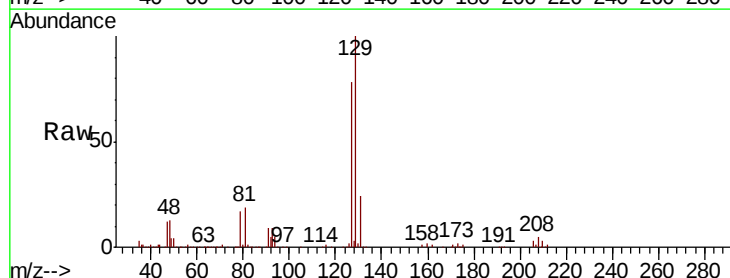
Instrument :
MSVOA_W
ClientSampleId :
VW0517SBS01

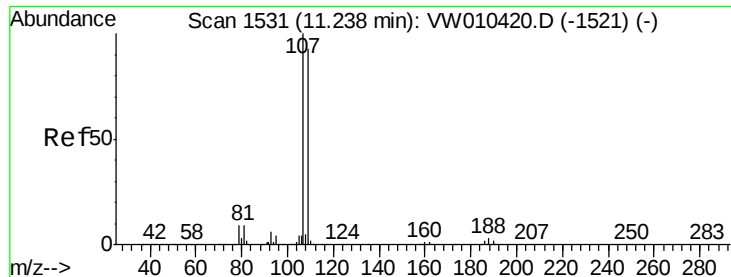
Tgt Ion: 43 Resp: 406024
Ion Ratio Lower Upper
43 100
58 57.6 28.5 85.6



#60
Dibromochloromethane
Concen: 20.883 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW010428.D
Acq: 18 May 2019 00:05

Tgt Ion: 129 Resp: 171886
Ion Ratio Lower Upper
129 100
127 77.6 39.0 116.9

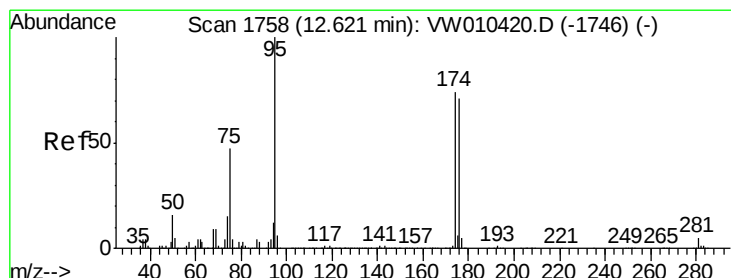
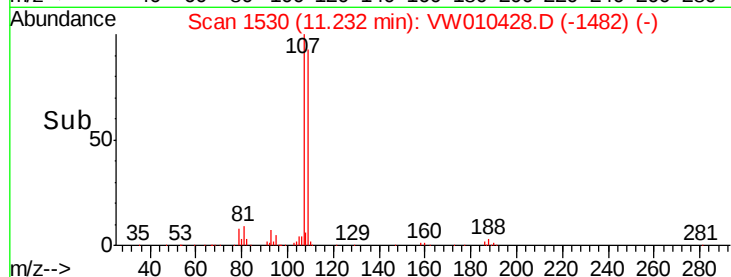
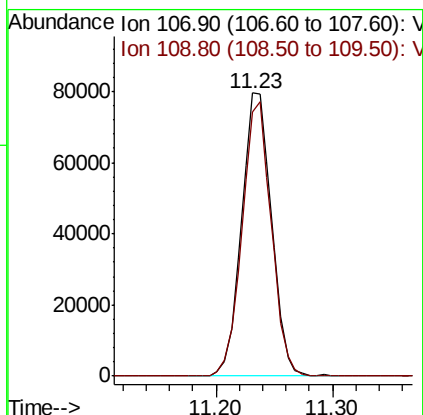
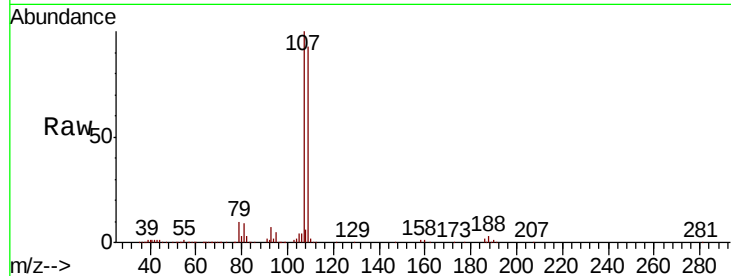




#61
 1,2-Dibromoethane
 Concen: 21.294 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW010428.D
 Acq: 18 May 2019 00:05

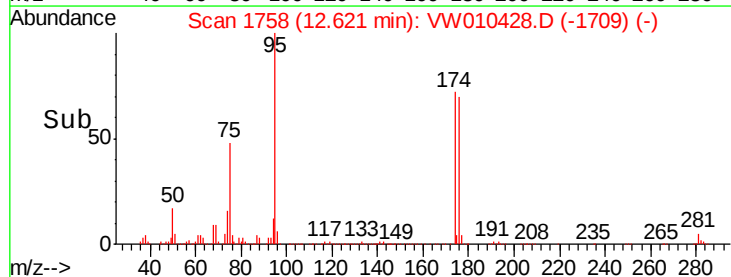
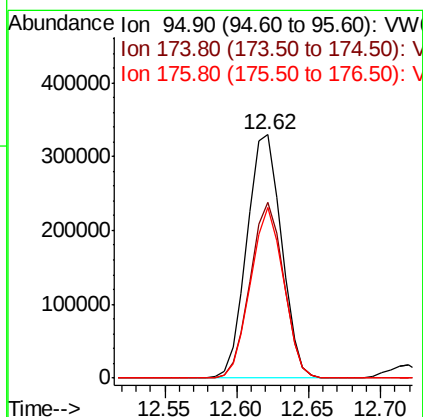
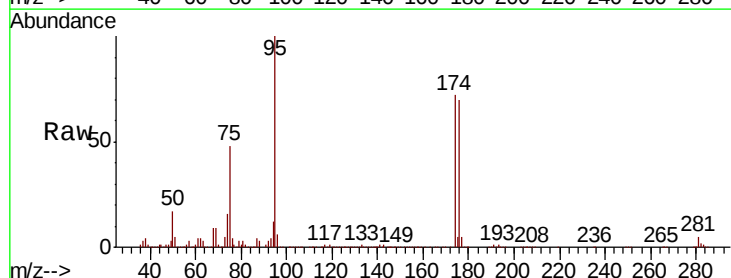
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0517SBS01

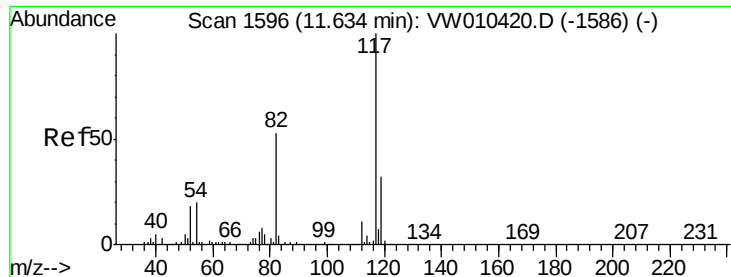
Tgt Ion: 107 Resp: 143143
 Ion Ratio Lower Upper
 107 100
 109 94.5 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 48.135 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW010428.D
 Acq: 18 May 2019 00:05

Tgt Ion: 95 Resp: 547689
 Ion Ratio Lower Upper
 95 100
 174 69.7 0.0 146.6
 176 67.0 0.0 141.4

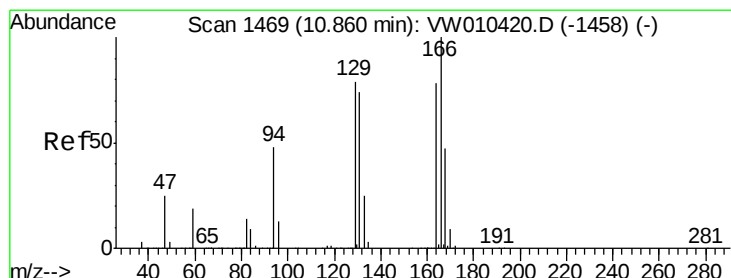
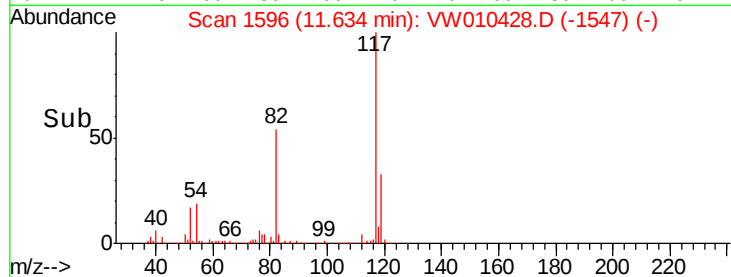
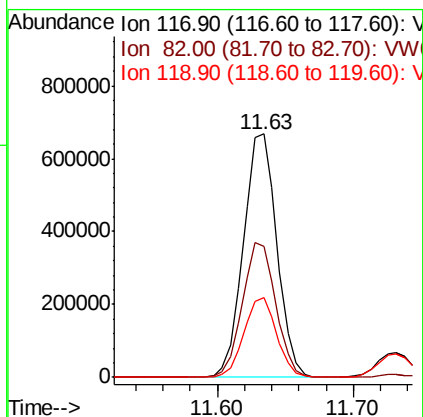
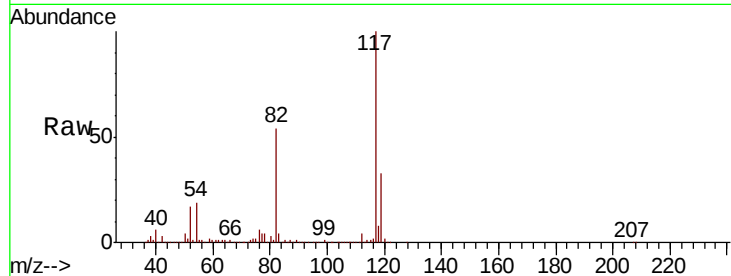




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010428.D
Acq: 18 May 2019 00:05

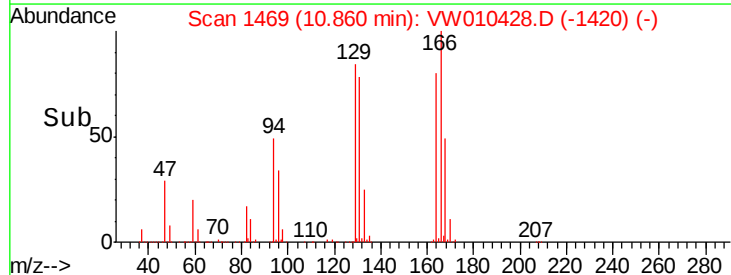
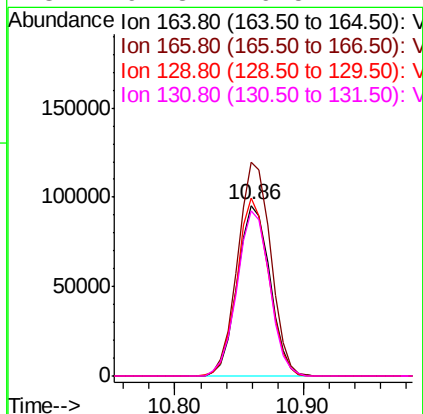
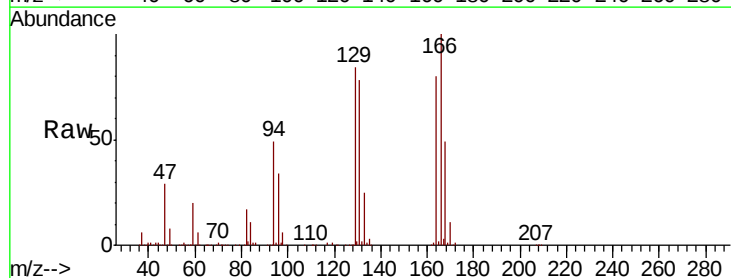
Instrument :
MSVOA_W
ClientSampleId :
VW0517SBS01

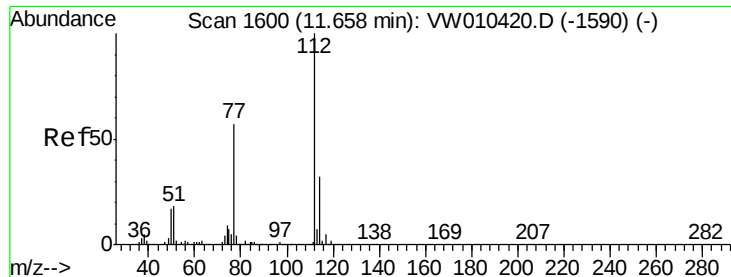
Tgt Ion:117 Resp: 1149230
Ion Ratio Lower Upper
117 100
82 53.8 42.1 63.1
119 32.7 25.6 38.4



#64
Tetrachloroethene
Concen: 22.045 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW010428.D
Acq: 18 May 2019 00:05

Tgt Ion:164 Resp: 166642
Ion Ratio Lower Upper
164 100
166 125.5 103.2 154.8
129 104.8 81.6 122.4
131 97.3 76.5 114.7

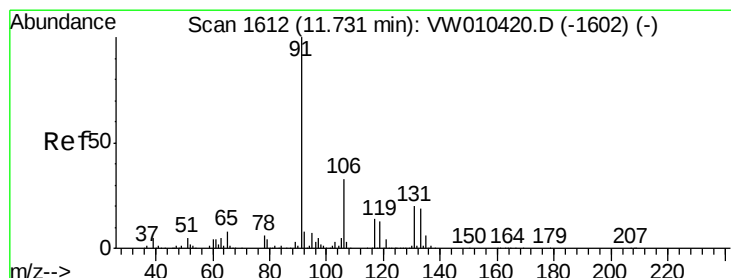
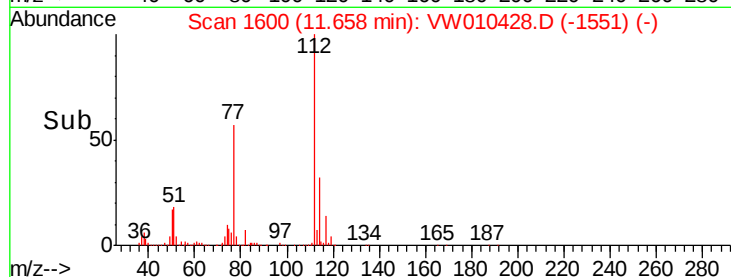
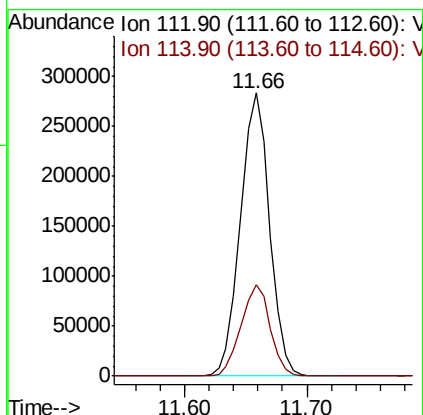
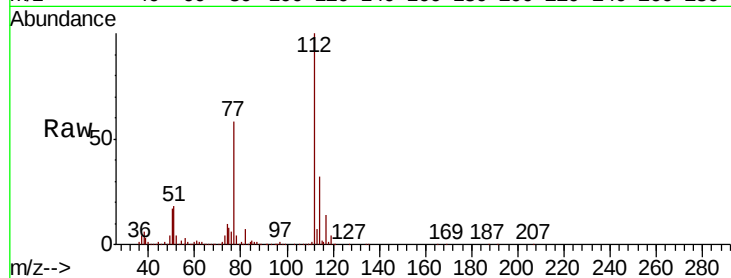




#65
Chlorobenzene
Concen: 20.002 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW010428.D
Acq: 18 May 2019 00:05

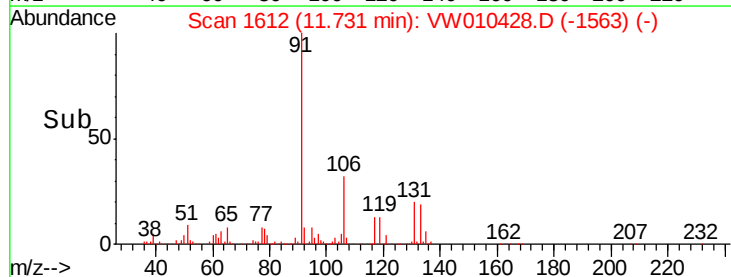
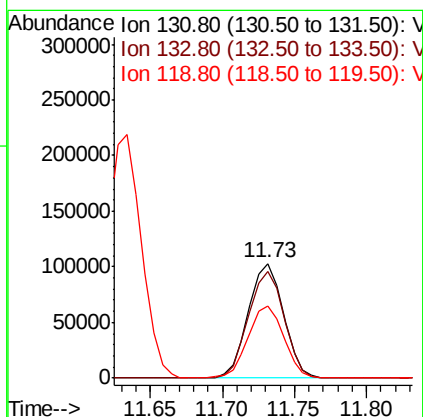
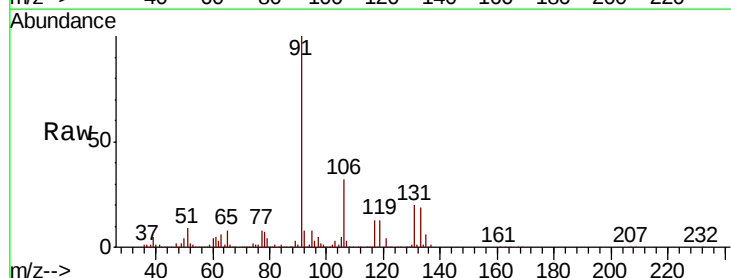
Instrument :
MSVOA_W
ClientSampleId :
VW0517SBS01

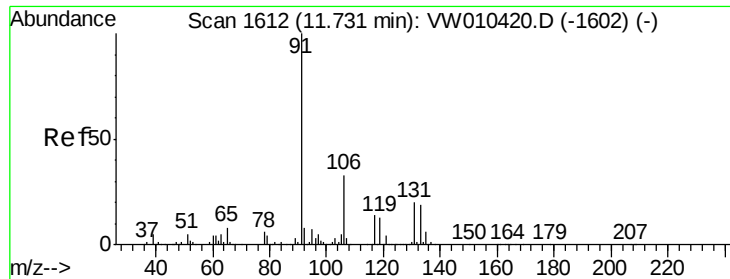
Tgt Ion:112 Resp: 466784
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.263 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010428.D
Acq: 18 May 2019 00:05

Tgt Ion:131 Resp: 174620
Ion Ratio Lower Upper
131 100
133 94.2 48.3 144.8
119 63.5 32.4 97.0

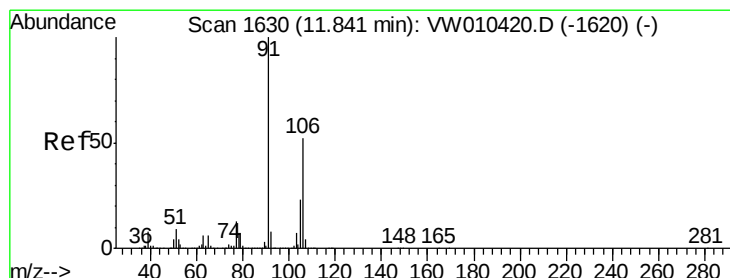
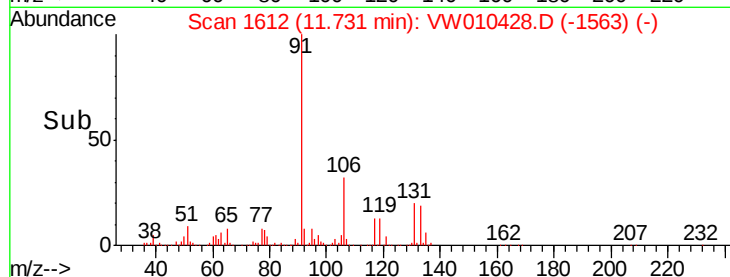
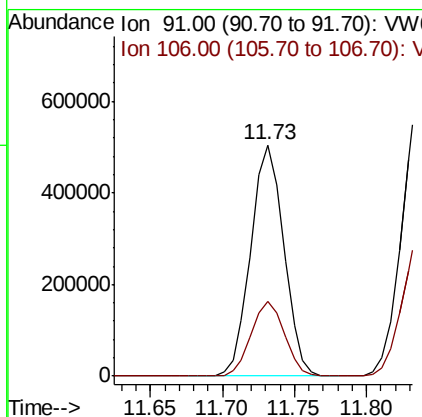
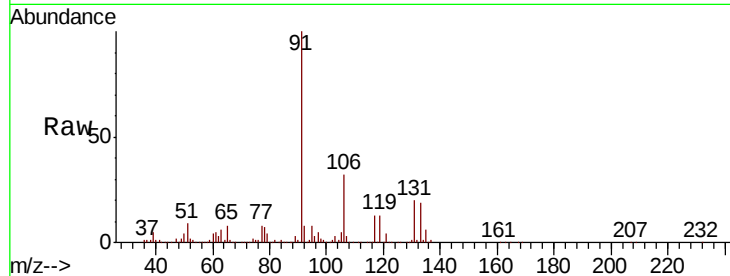




#67
Ethyl Benzene
Concen: 19.512 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010428.D
Acq: 18 May 2019 00:05

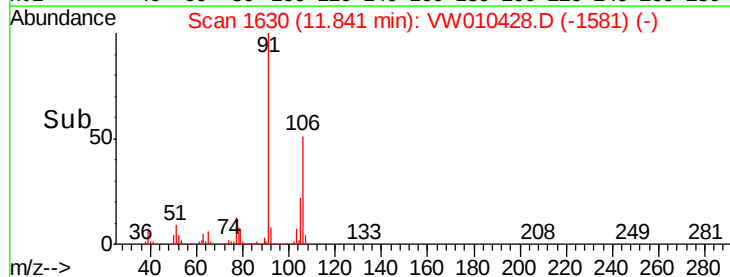
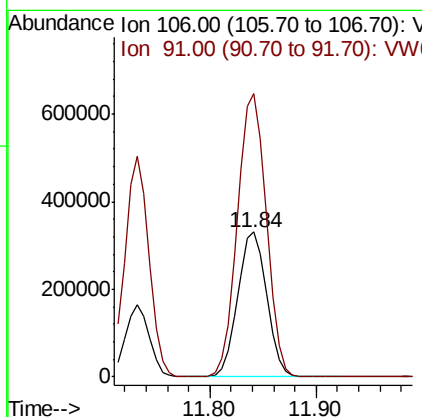
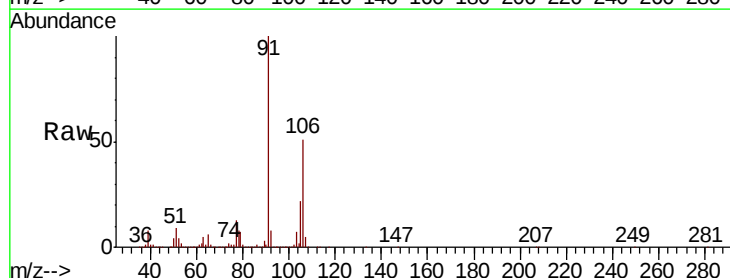
Instrument :
MSVOA_W
ClientSampled :
VW0517SBS01

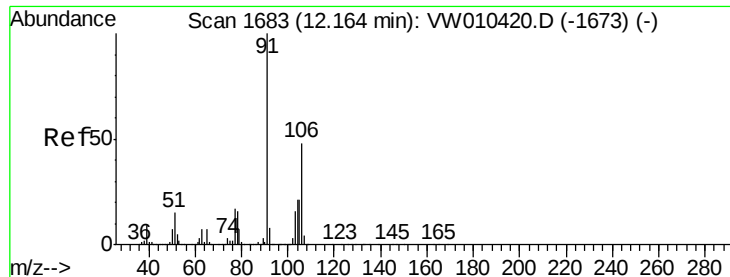
Tgt Ion: 91 Resp: 802083
Ion Ratio Lower Upper
91 100
106 32.4 26.5 39.7



#68
m/p-Xylenes
Concen: 39.196 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW010428.D
Acq: 18 May 2019 00:05

Tgt Ion: 106 Resp: 630633
Ion Ratio Lower Upper
106 100
91 195.7 156.2 234.2

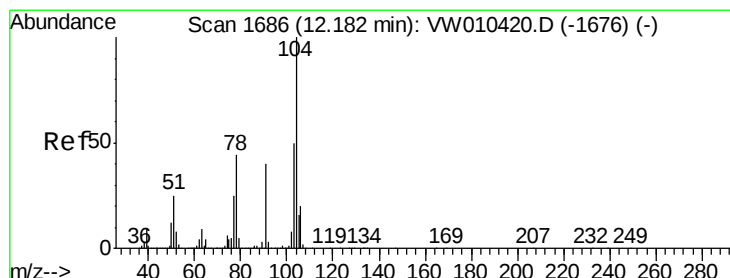
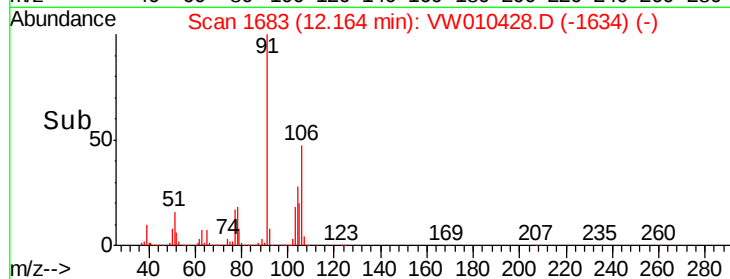
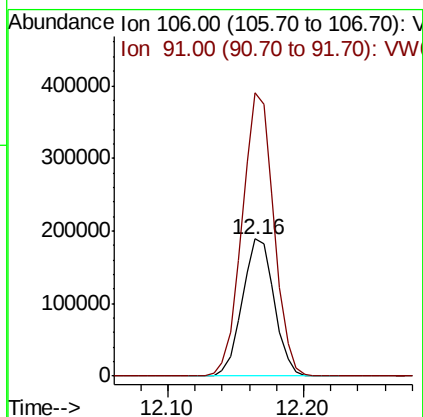
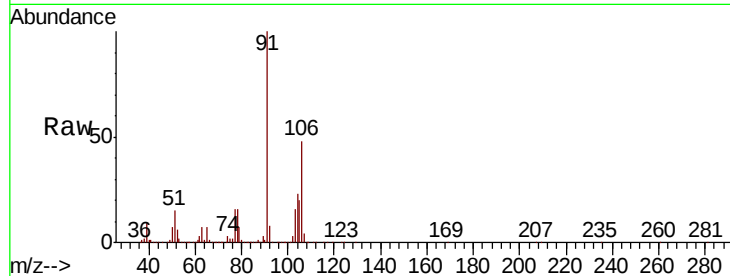




#69
o-Xylene
Concen: 20.152 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW010428.D
Acq: 18 May 2019 00:05

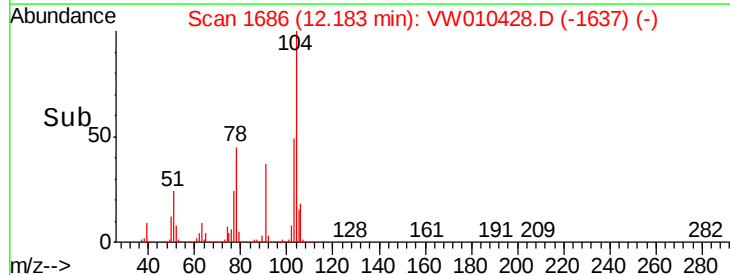
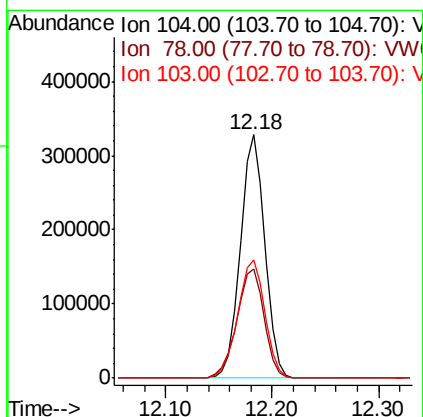
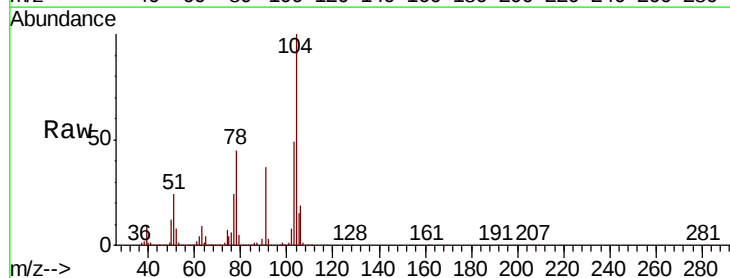
Instrument :
MSVOA_W
ClientSampleId :
VW0517SBS01

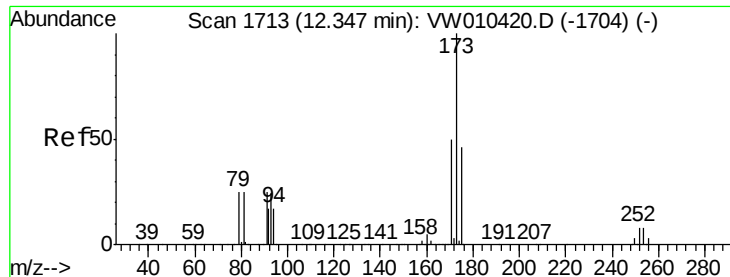
Tgt Ion:106 Resp: 309073
Ion Ratio Lower Upper
106 100
91 205.3 102.5 307.5



#70
Styrene
Concen: 20.075 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW010428.D
Acq: 18 May 2019 00:05

Tgt Ion:104 Resp: 530146
Ion Ratio Lower Upper
104 100
78 50.1 39.4 59.0
103 54.0 43.4 65.0





#71

Bromoform

Concen: 20.118 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW010428.D

Acq: 18 May 2019 00:05

Instrument :

MSVOA_W

ClientSampleId :

VW0517SBS01

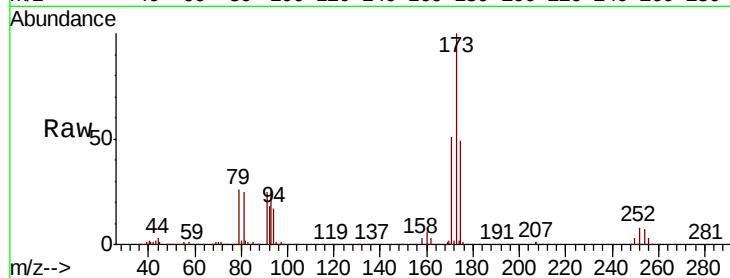
Tgt Ion:173 Resp: 97687

Ion Ratio Lower Upper

173 100

175 48.9 23.8 71.2

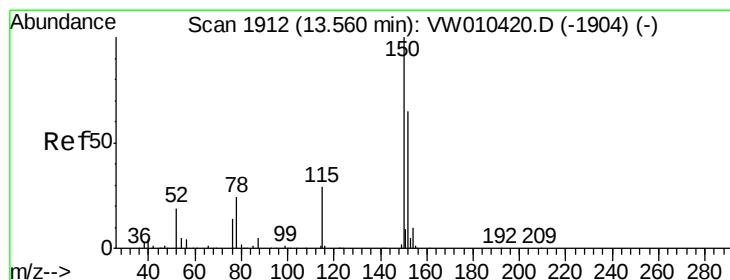
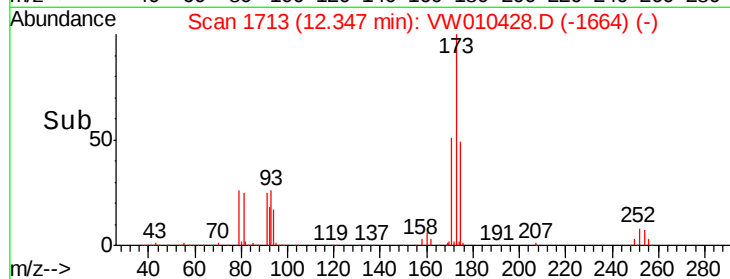
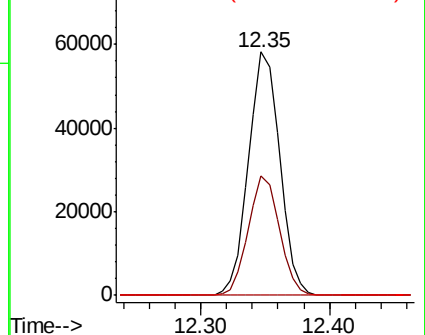
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW010428.D

Acq: 18 May 2019 00:05

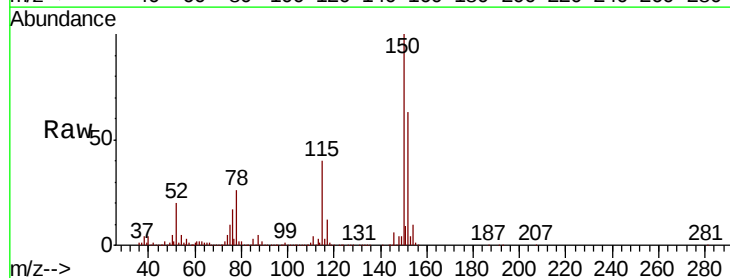
Tgt Ion:152 Resp: 553685

Ion Ratio Lower Upper

152 100

115 62.3 30.0 90.1

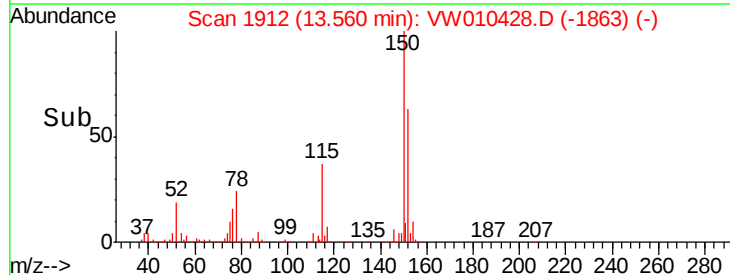
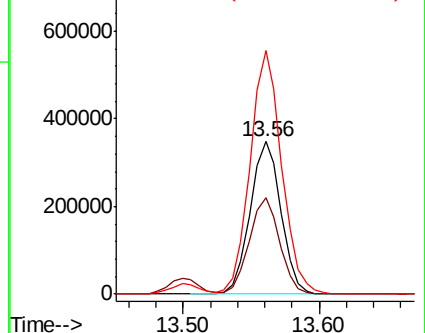
150 162.7 0.0 350.2

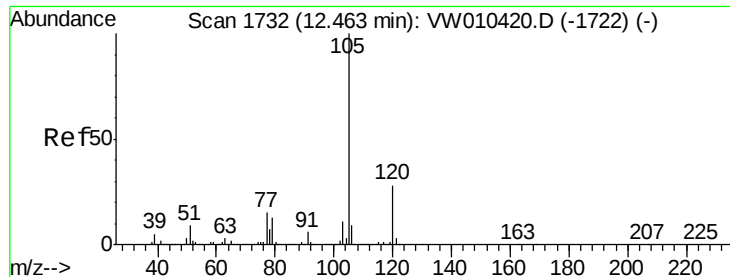


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.407 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW010428.D

Acq: 18 May 2019 00:05

Instrument :

MSVOA_W

ClientSampleId :

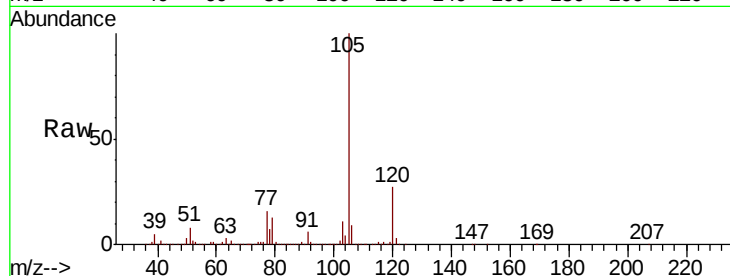
VW0517SBS01

Tgt Ion: 105 Resp: 788067

Ion Ratio Lower Upper

105 100

120 27.4 13.9 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

500000

400000

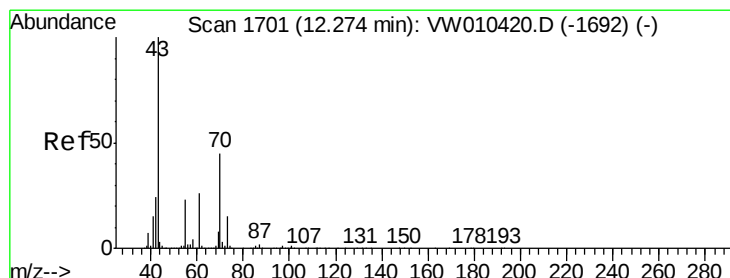
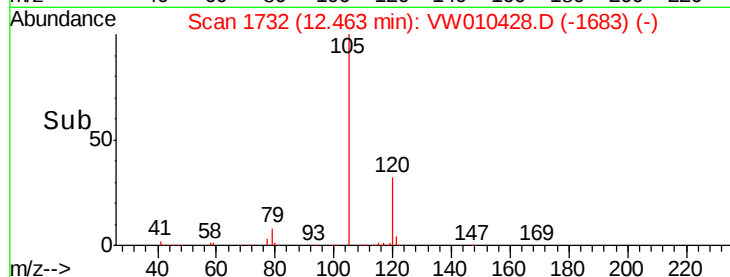
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 19.126 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW010428.D

Acq: 18 May 2019 00:05

Tgt Ion: 43 Resp: 209847

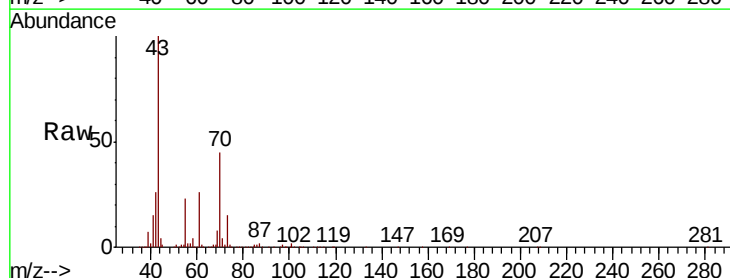
Ion Ratio Lower Upper

43 100

70 45.5 36.4 54.6

55 24.9 19.0 28.6

61 25.5 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

200000

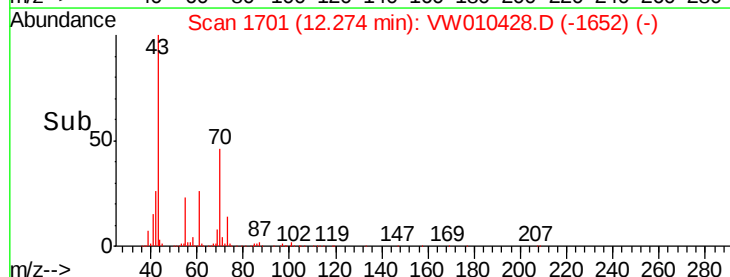
150000

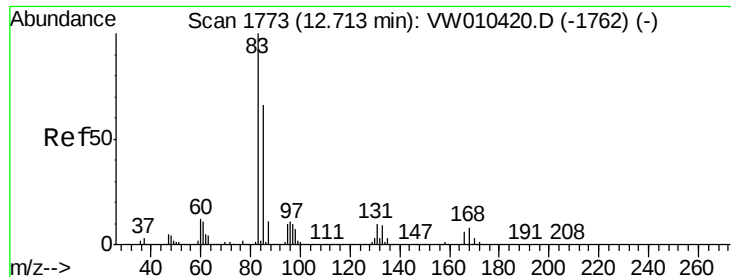
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.138 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW010428.D

Acq: 18 May 2019 00:05

Instrument :

MSVOA_W

ClientSampleId :

VW0517SBS01

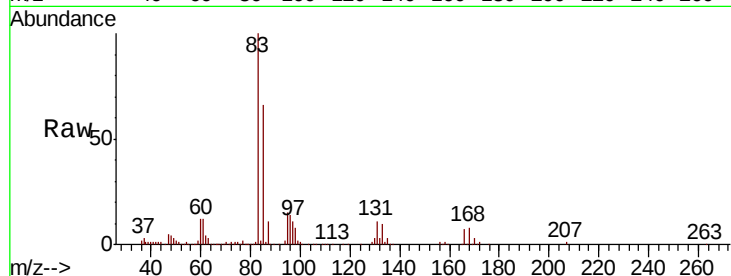
Tgt Ion: 83 Resp: 170755

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

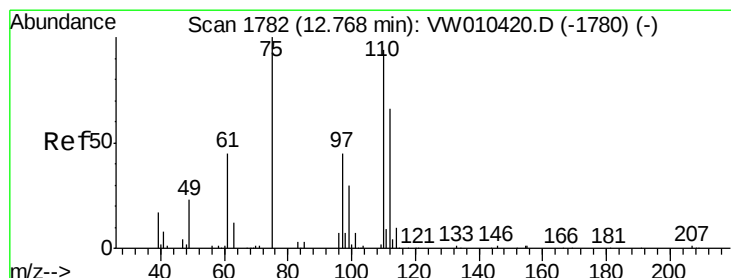
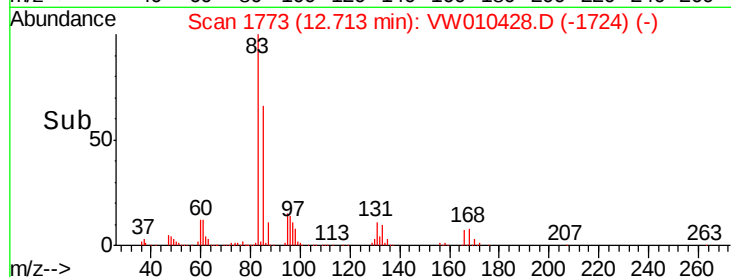
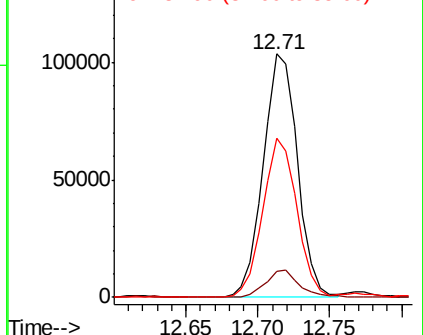
85 65.2 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 35.804 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW010428.D

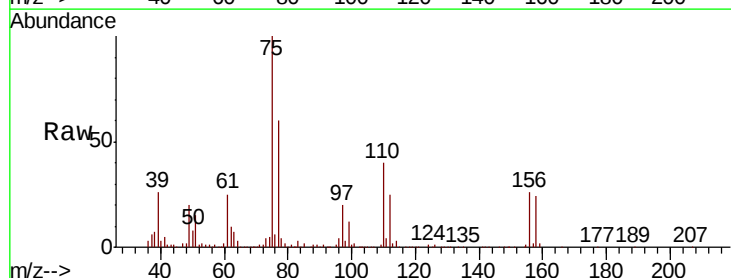
Acq: 18 May 2019 00:05

Tgt Ion: 75 Resp: 212283

Ion Ratio Lower Upper

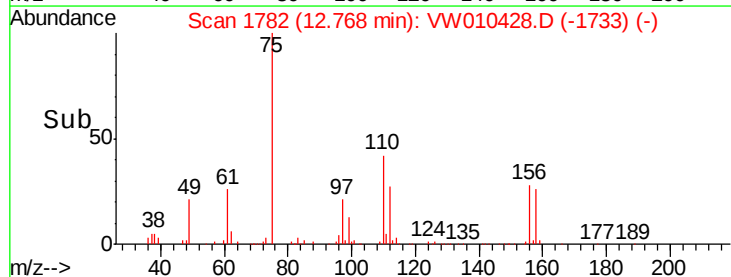
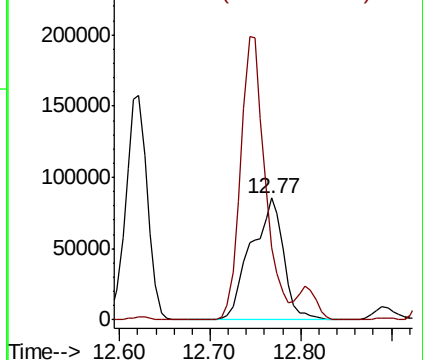
75 100

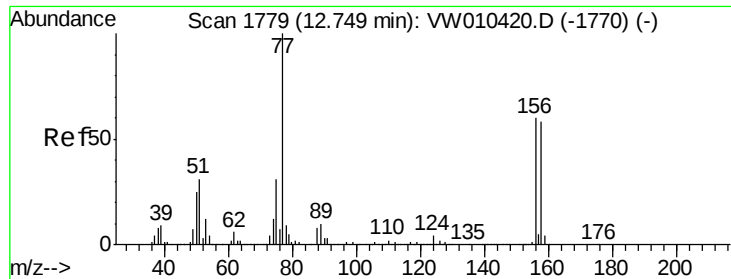
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.520 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW010428.D

Acq: 18 May 2019 00:05

Instrument :

MSVOA_W

ClientSampleId :

VW0517SBS01

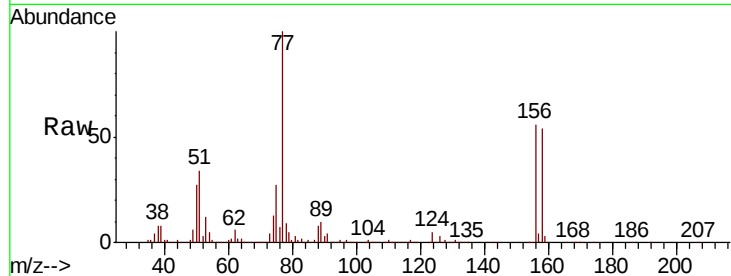
Tgt Ion:156 Resp: 188795

Ion Ratio Lower Upper

156 100

77 197.7 95.7 286.9

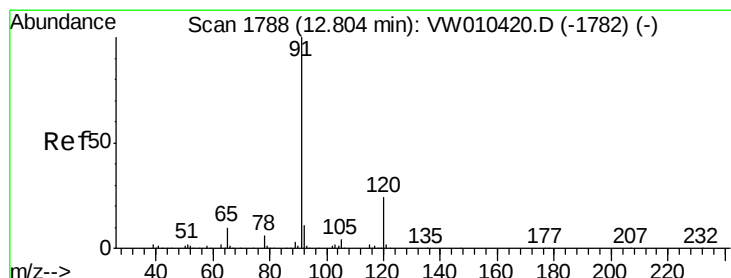
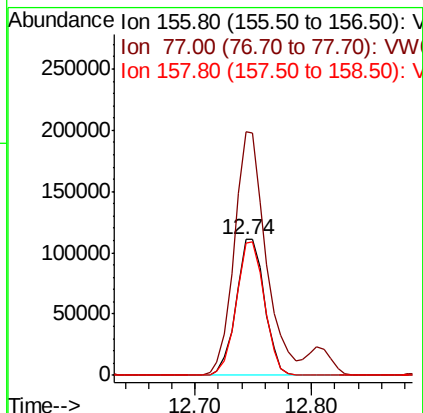
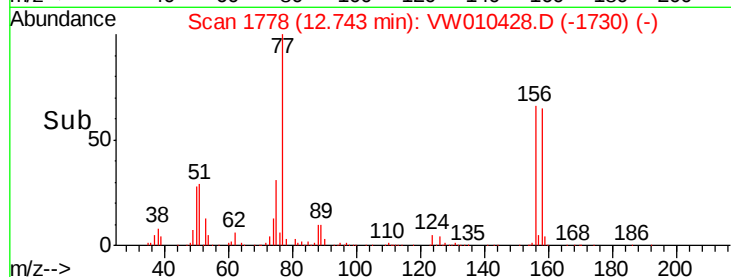
158 97.4 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.368 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW010428.D

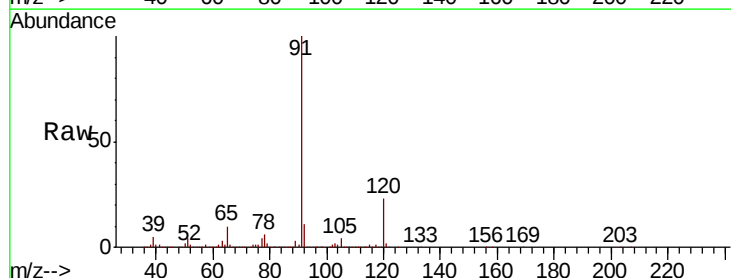
Acq: 18 May 2019 00:05

Tgt Ion: 91 Resp: 912188

Ion Ratio Lower Upper

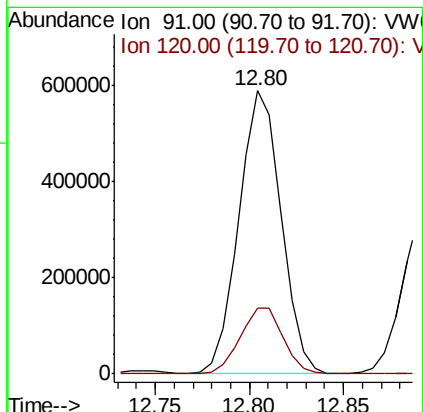
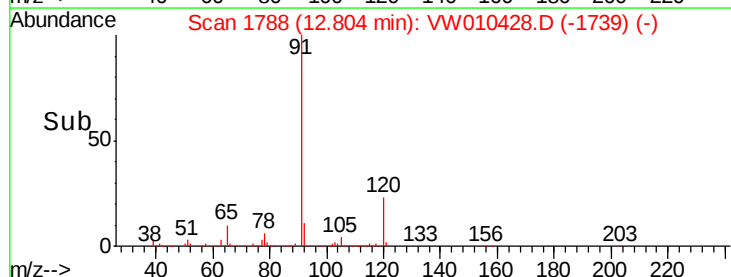
91 100

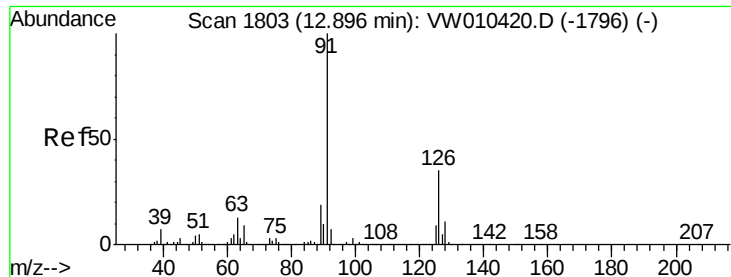
120 23.8 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.150 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW010428.D

Acq: 18 May 2019 00:05

Instrument :

MSVOA_W

ClientSampleId :

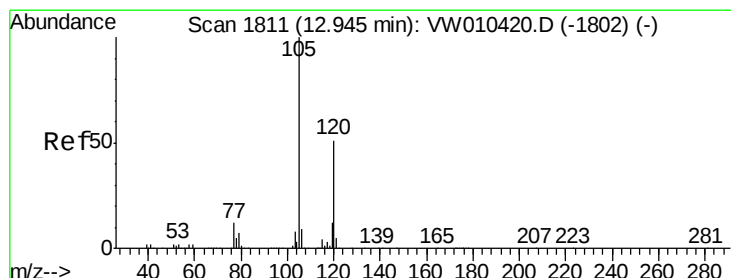
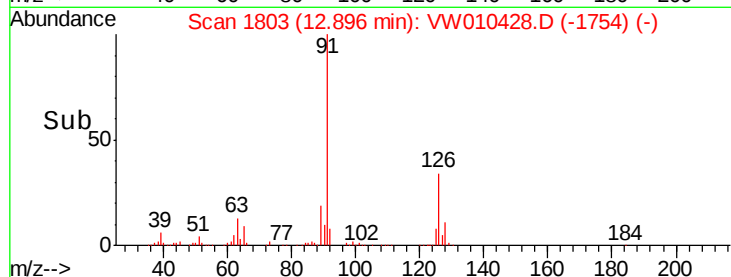
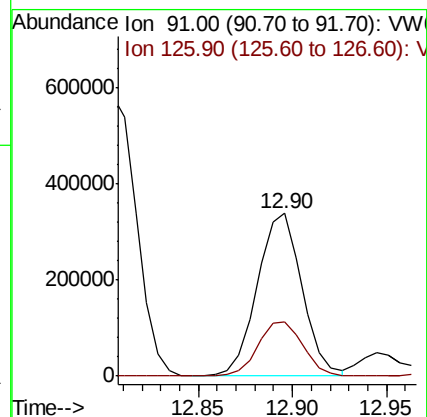
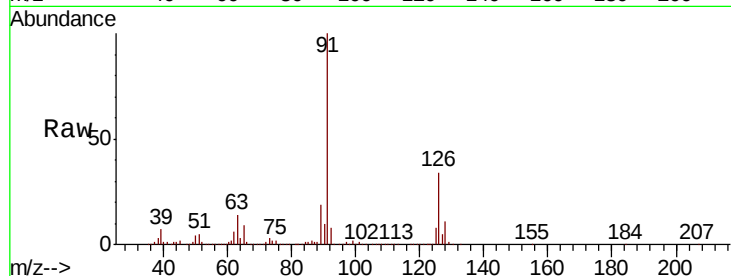
VW0517SBS01

Tgt Ion: 91 Resp: 555379

Ion Ratio Lower Upper

91 100

126 33.9 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 18.795 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW010428.D

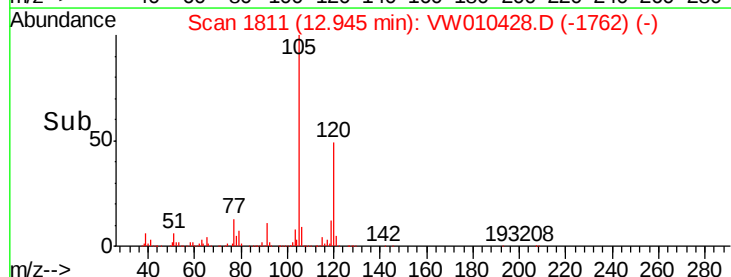
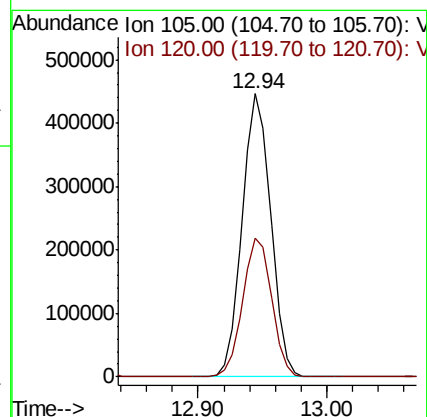
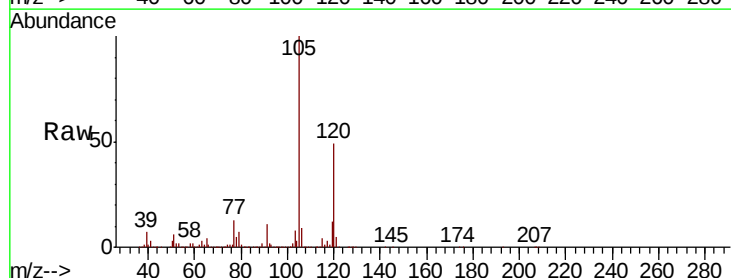
Acq: 18 May 2019 00:05

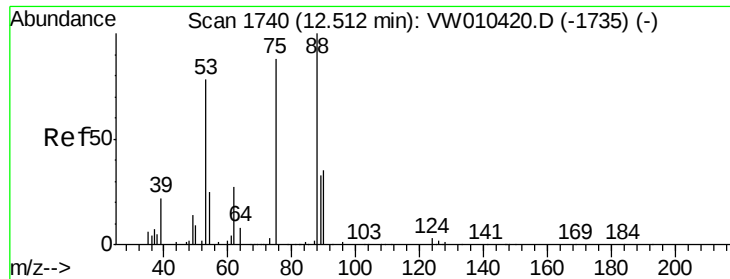
Tgt Ion: 105 Resp: 684943

Ion Ratio Lower Upper

105 100

120 49.7 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 17.266 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW010428.D

Acq: 18 May 2019 00:05

Instrument :

MSVOA_W

ClientSampleId :

VW0517SBS01

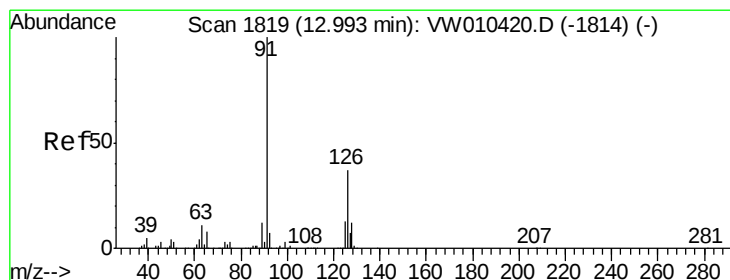
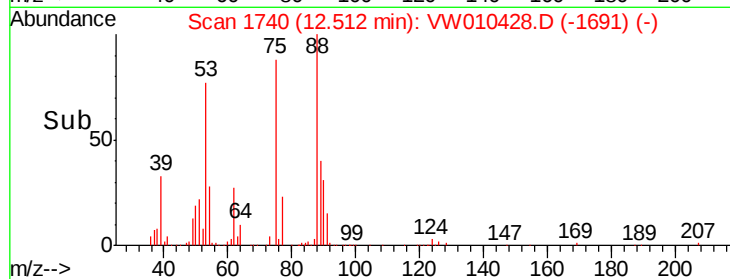
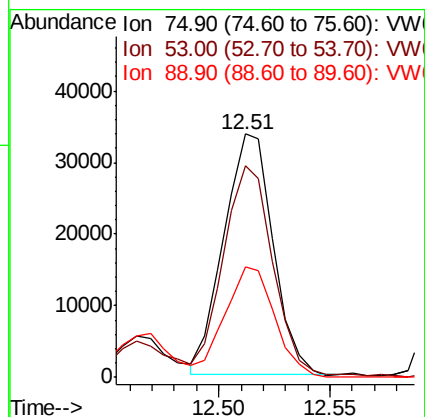
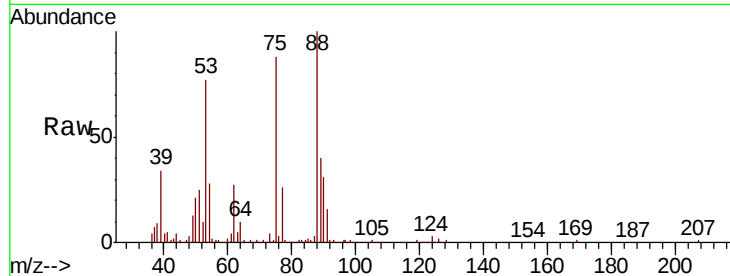
Tgt Ion: 75 Resp: 51876

Ion Ratio Lower Upper

75 100

53 88.5 70.7 106.1

89 46.4 38.6 58.0



#82

4-Chlorotoluene

Concen: 19.366 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VW010428.D

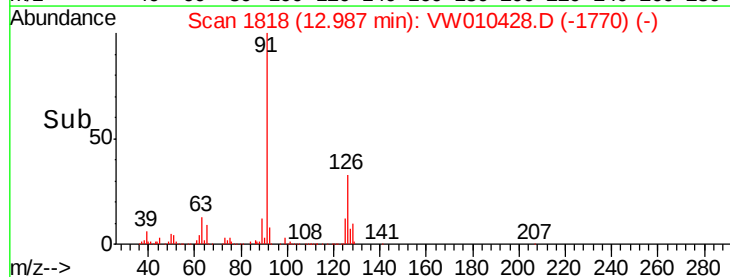
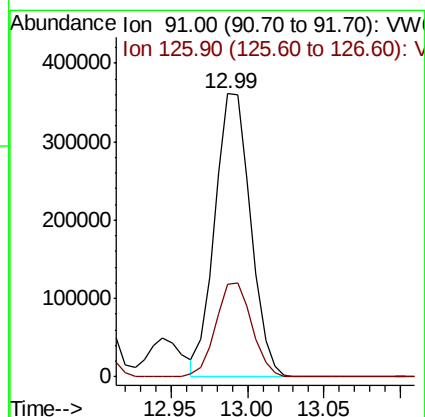
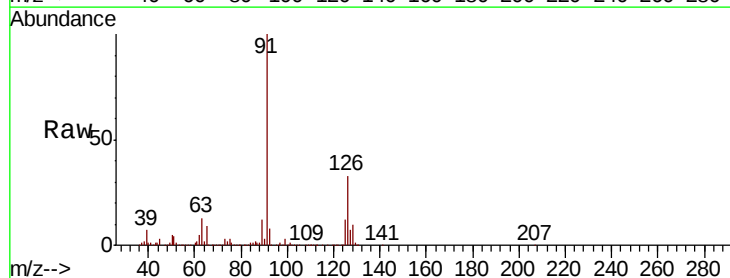
Acq: 18 May 2019 00:05

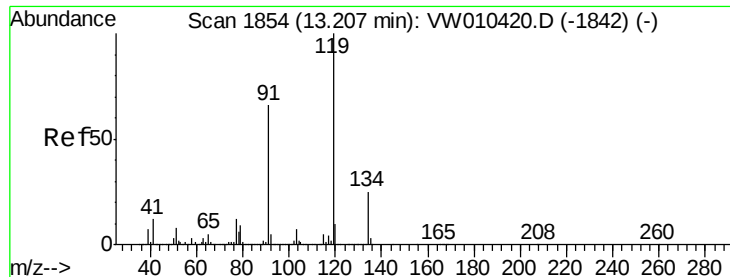
Tgt Ion: 91 Resp: 586569

Ion Ratio Lower Upper

91 100

126 33.6 17.4 52.2

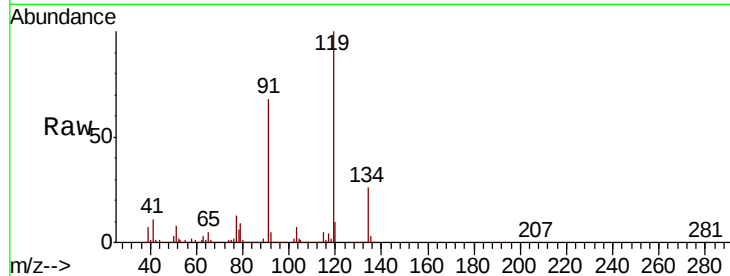




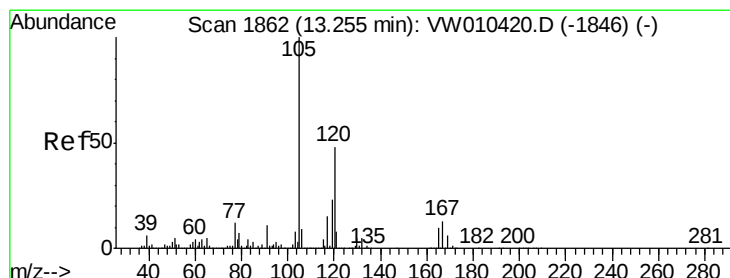
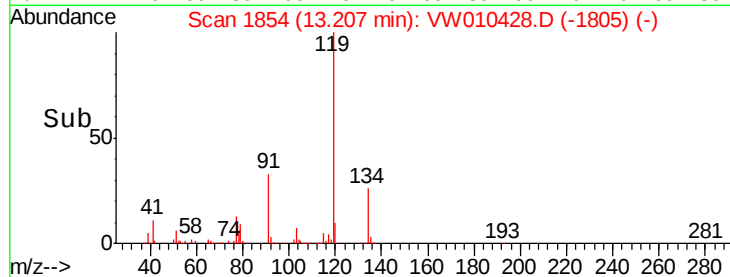
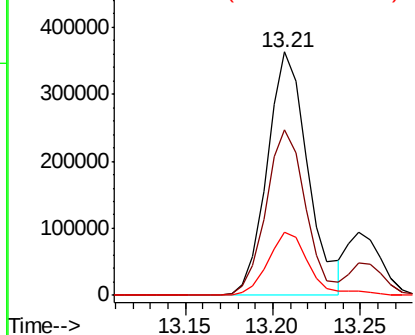
#83
tert-Butylbenzene
Concen: 19.117 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW010428.D
Acq: 18 May 2019 00:05

Instrument :
MSVOA_W
ClientSampleId :
VW0517SBS01

Tgt Ion:119 Resp: 589182
Ion Ratio Lower Upper
119 100
91 66.5 33.5 100.5
134 26.5 13.8 41.4

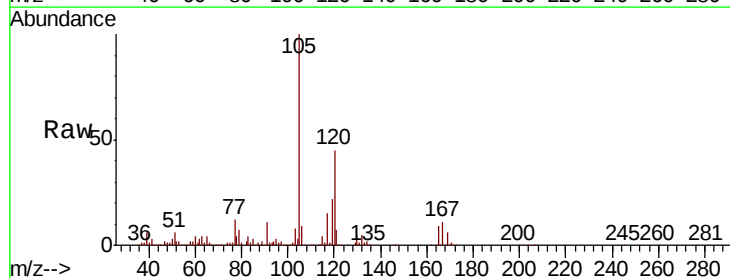


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

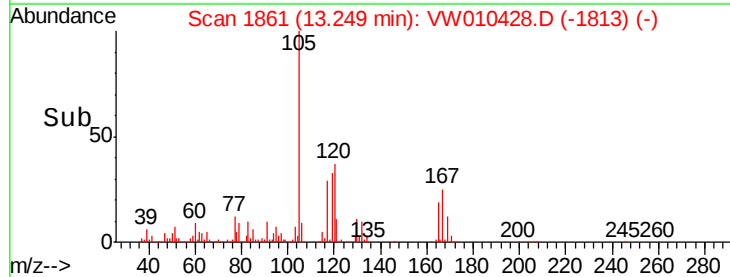
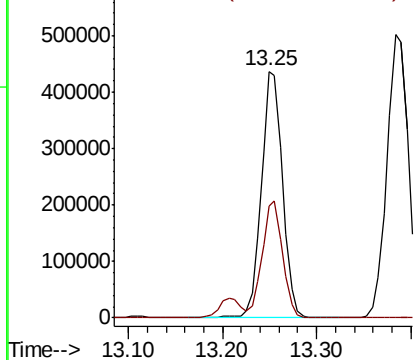


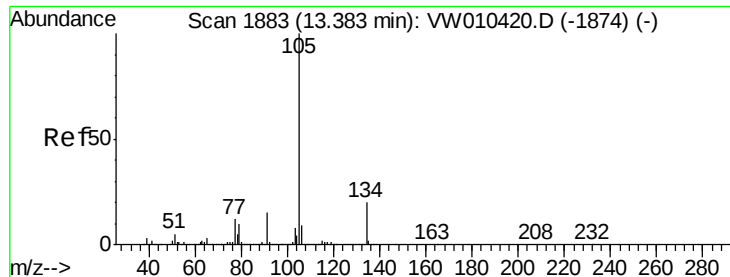
#84
1,2,4-Trimethylbenzene
Concen: 19.356 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VW010428.D
Acq: 18 May 2019 00:05

Tgt Ion:105 Resp: 693974
Ion Ratio Lower Upper
105 100
120 45.6 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

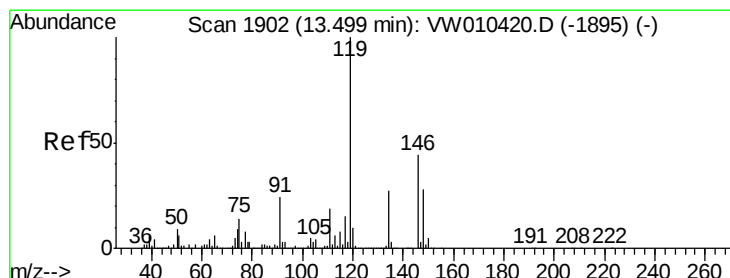
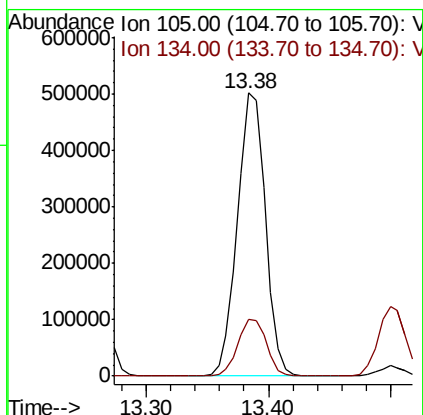
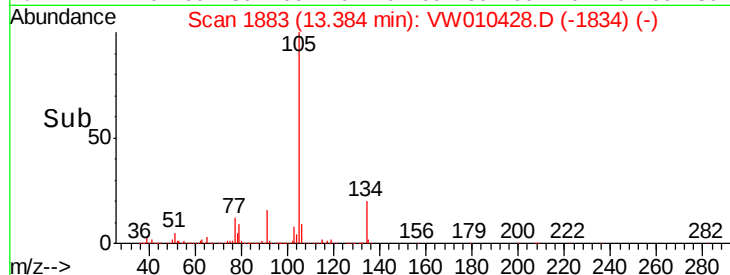
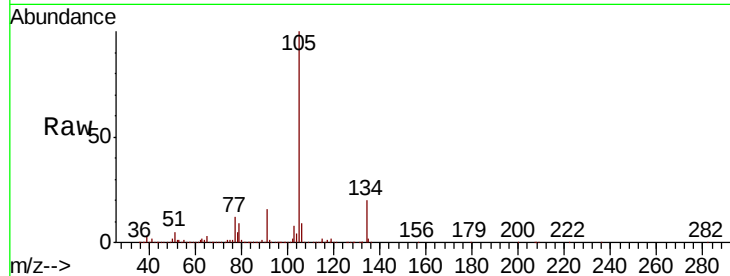




#85
 sec-Butylbenzene
 Concen: 18.315 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW010428.D
 Acq: 18 May 2019 00:05

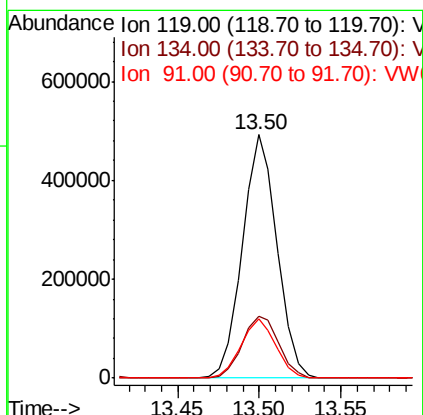
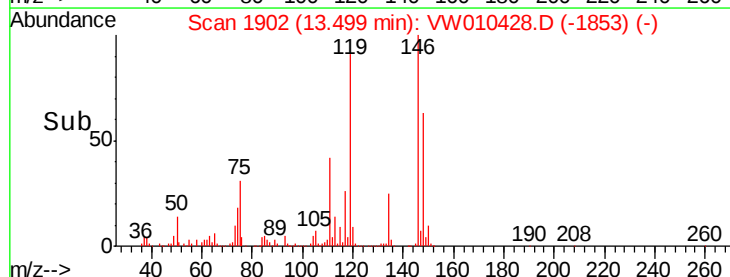
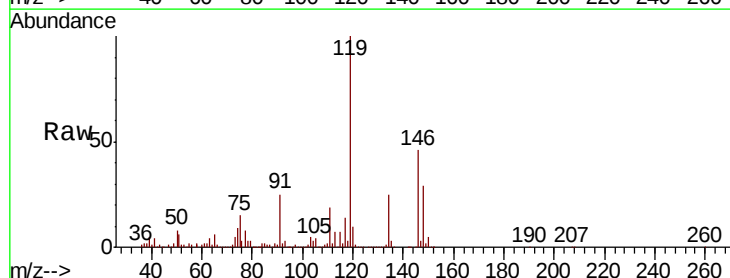
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0517SBS01

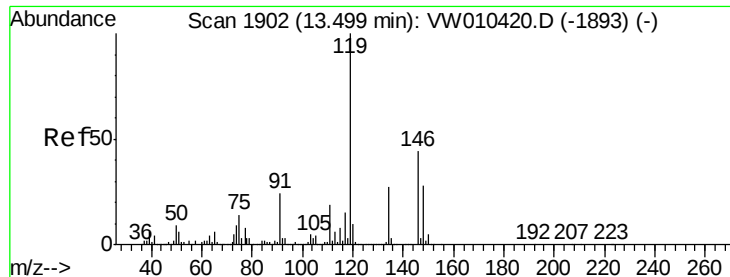
Tgt Ion:105 Resp: 794830
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 18.464 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010428.D
 Acq: 18 May 2019 00:05

Tgt Ion:119 Resp: 723892
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.7 41.0
 91 24.4 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 19.460 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW010428.D

Acq: 18 May 2019 00:05

Instrument :

MSVOA_W

ClientSampleId :

VW0517SBS01

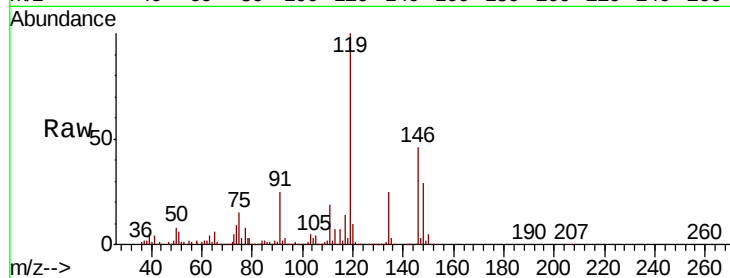
Tgt Ion:146 Resp: 362471

Ion Ratio Lower Upper

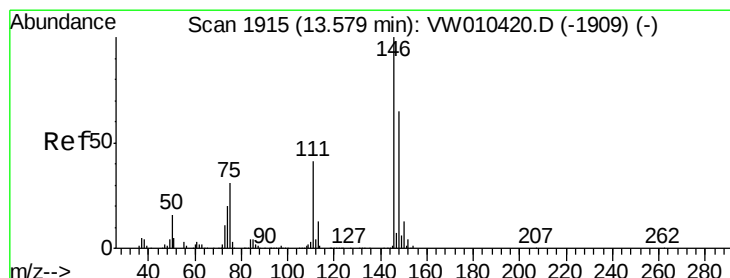
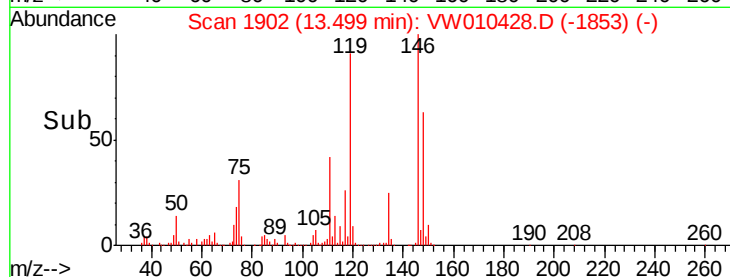
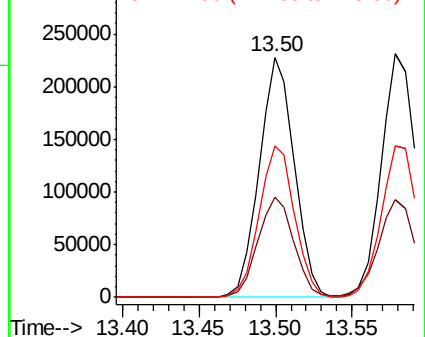
146 100

111 42.7 20.8 62.4

148 64.1 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.596 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW010428.D

Acq: 18 May 2019 00:05

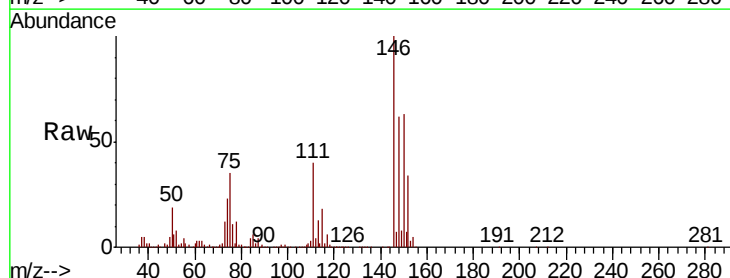
Tgt Ion:146 Resp: 363333

Ion Ratio Lower Upper

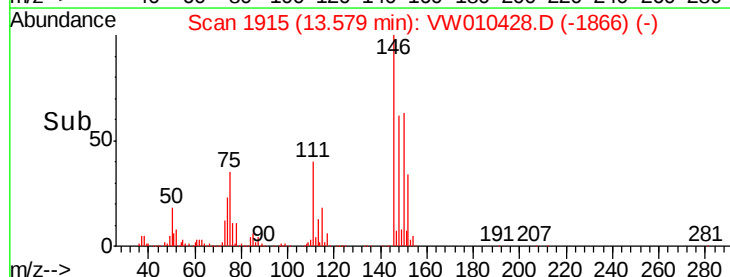
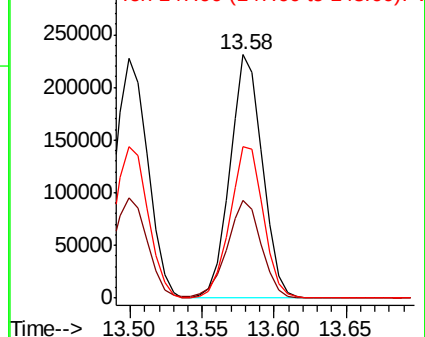
146 100

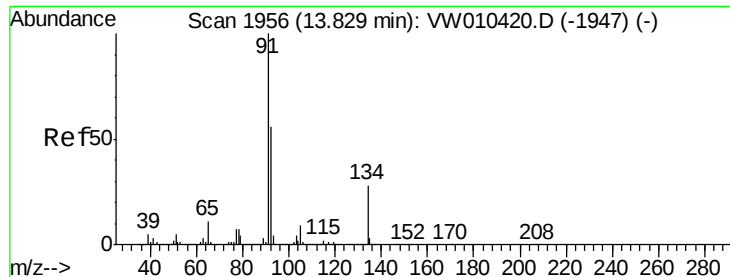
111 42.2 20.4 61.3

148 64.2 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.051 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW010428.D

Acq: 18 May 2019 00:05

Instrument :

MSVOA_W

ClientSampleId :

VW0517SBS01

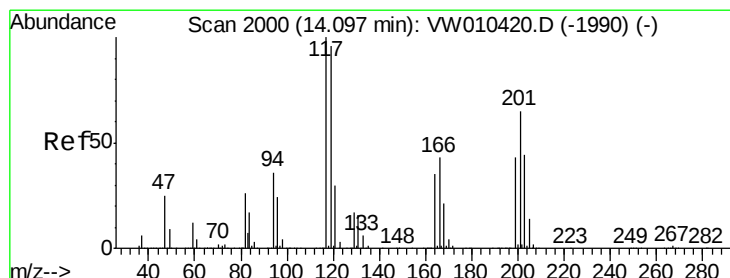
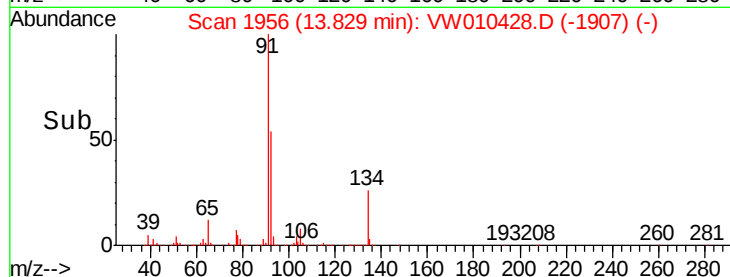
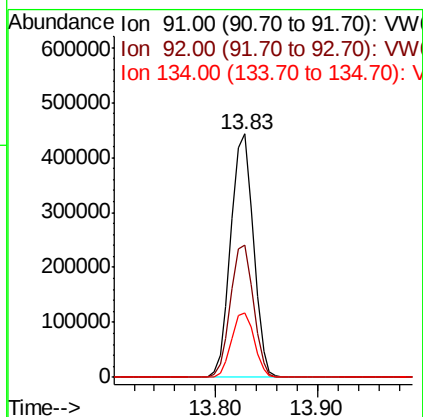
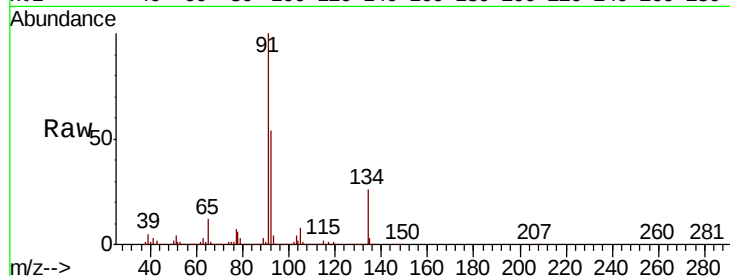
Tgt Ion: 91 Resp: 675212

Ion Ratio Lower Upper

91 100

92 55.3 27.7 83.0

134 26.7 13.8 41.3



#90

Hexachloroethane

Concen: 18.698 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW010428.D

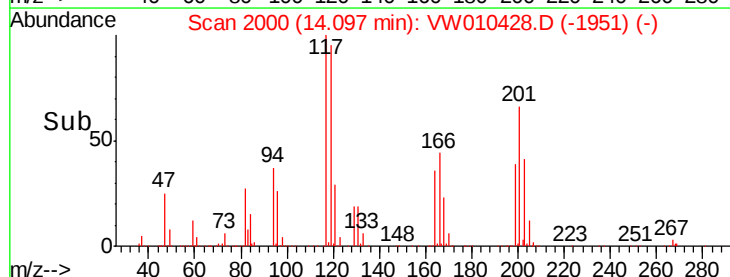
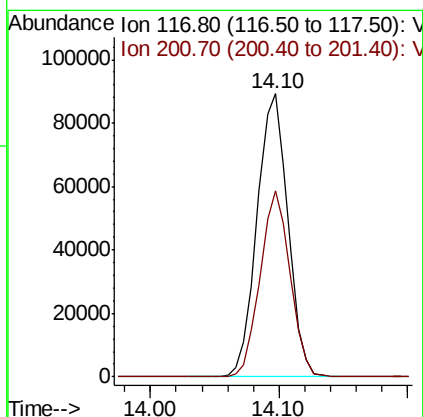
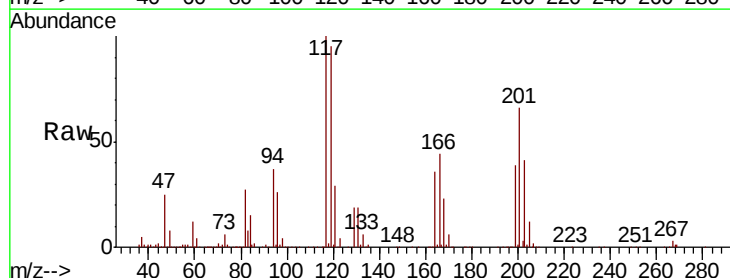
Acq: 18 May 2019 00:05

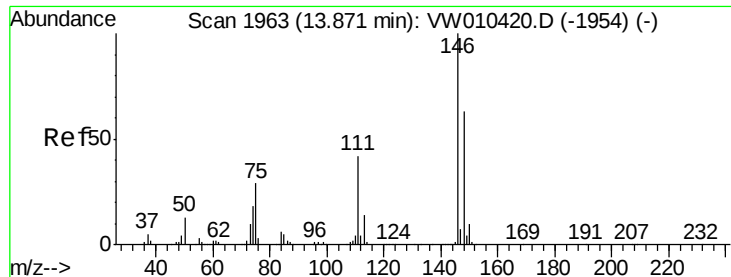
Tgt Ion: 117 Resp: 147463

Ion Ratio Lower Upper

117 100

201 64.0 33.8 101.4





#91

1,2-Dichlorobenzene

Concen: 20.073 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW010428.D

Acq: 18 May 2019 00:05

Instrument :

MSVOA_W

ClientSampleId :

VW0517SBS01

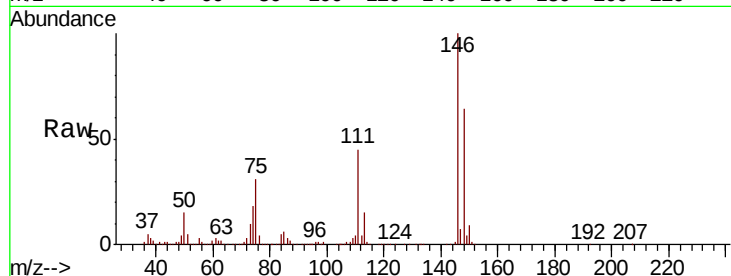
Tgt Ion:146 Resp: 339953

Ion Ratio Lower Upper

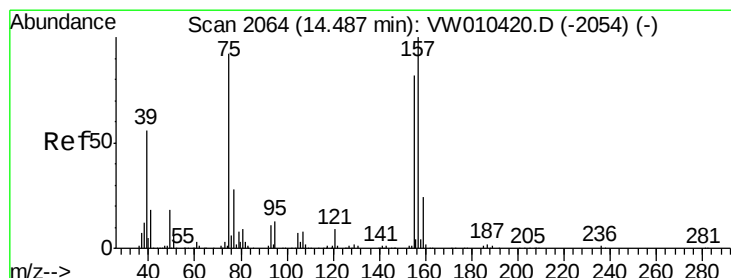
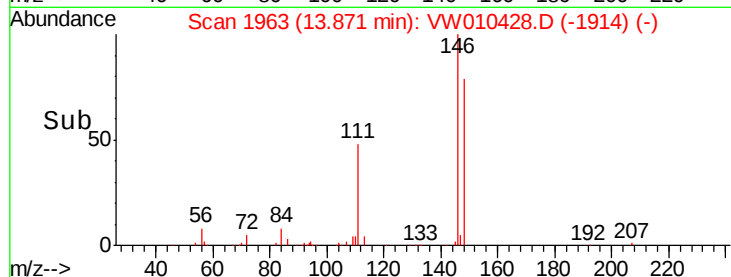
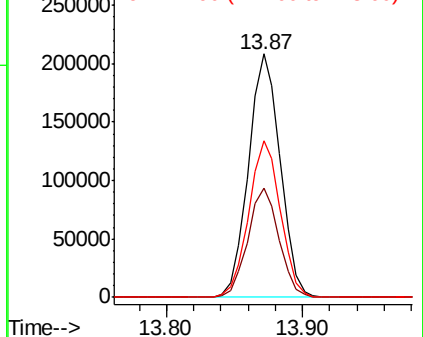
146 100

111 44.3 21.3 63.7

148 64.5 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.904 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW010428.D

Acq: 18 May 2019 00:05

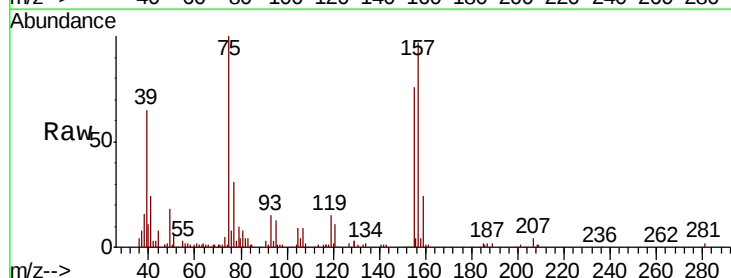
Tgt Ion: 75 Resp: 32984

Ion Ratio Lower Upper

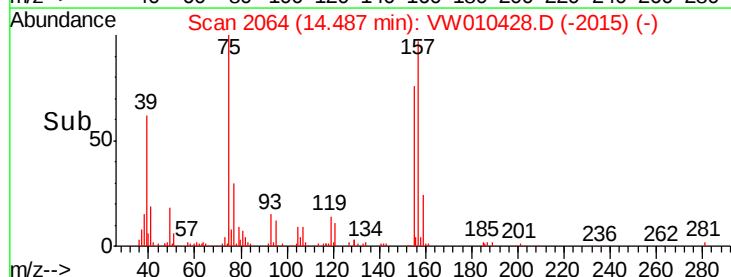
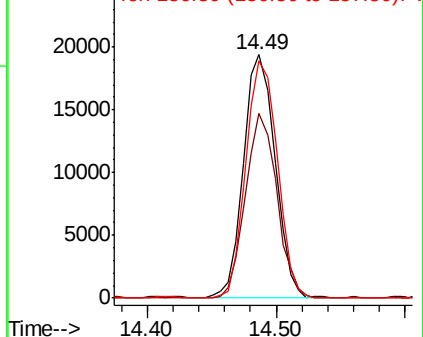
75 100

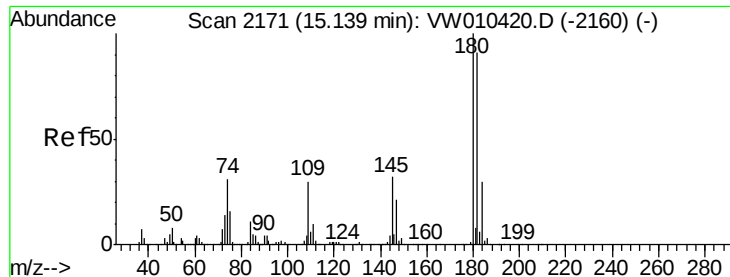
155 75.0 43.5 130.7

157 97.0 54.8 164.4



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

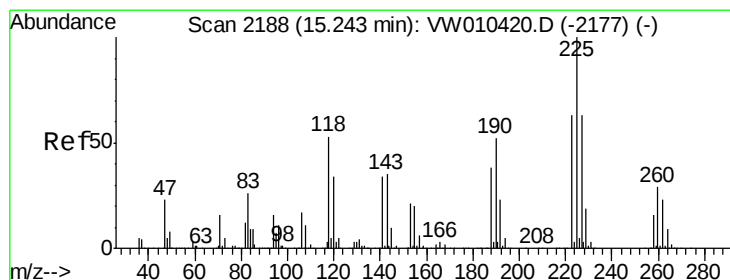
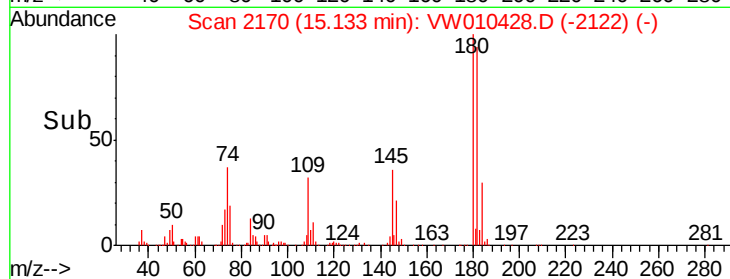
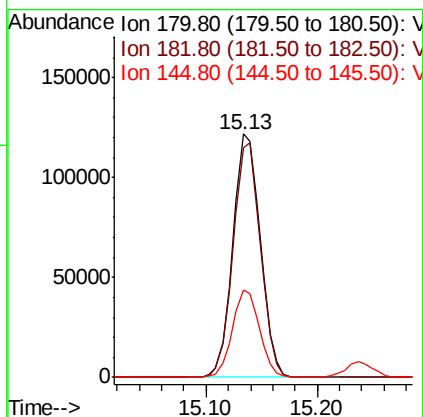
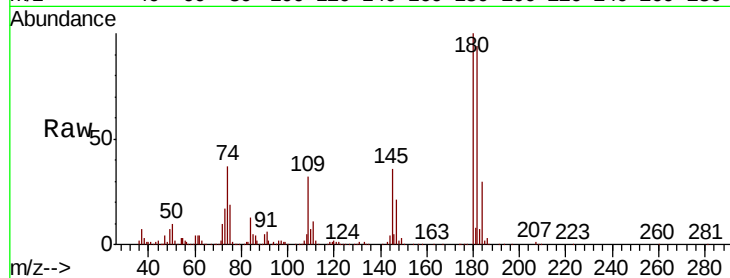




#93
 1,2,4-Trichlorobenzene
 Concen: 18.853 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: VW010428.D
 Acq: 18 May 2019 00:05

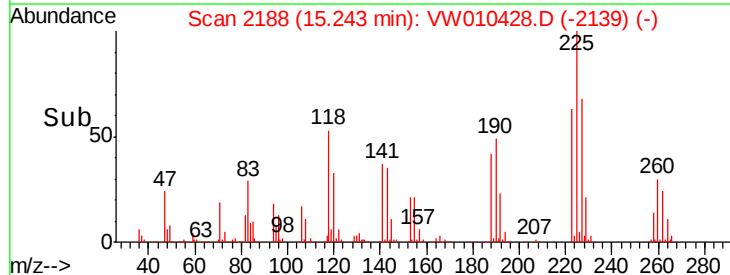
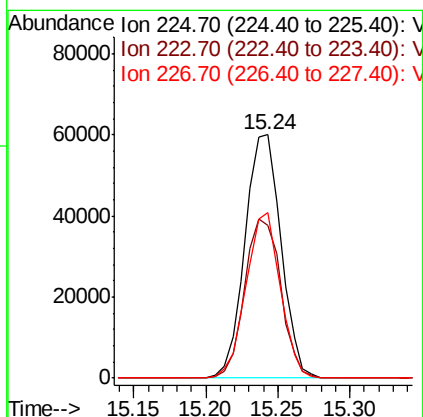
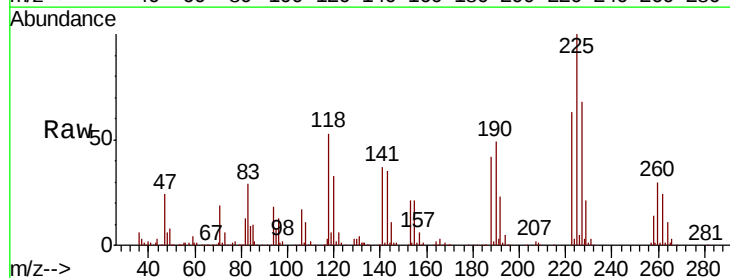
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0517SBS01

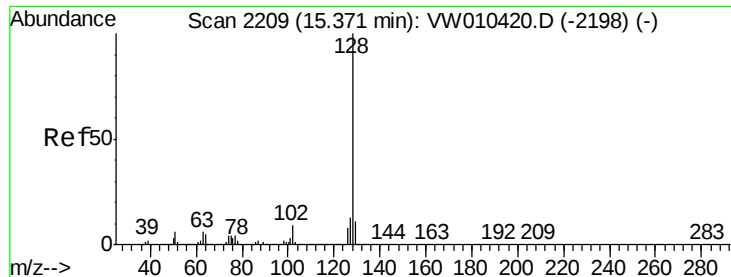
Tgt Ion:180 Resp: 208143
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.0 141.2
 145 35.4 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 17.631 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW010428.D
 Acq: 18 May 2019 00:05

Tgt Ion:225 Resp: 103919
 Ion Ratio Lower Upper
 225 100
 223 65.6 32.0 96.2
 227 64.7 31.4 94.0

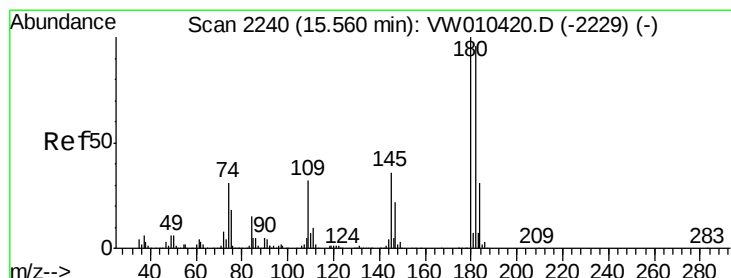
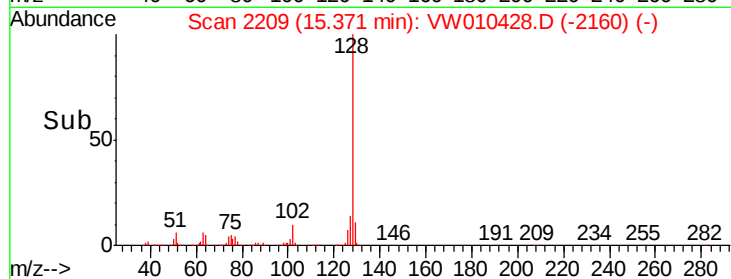
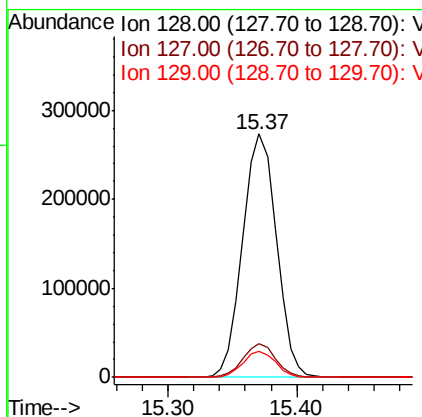
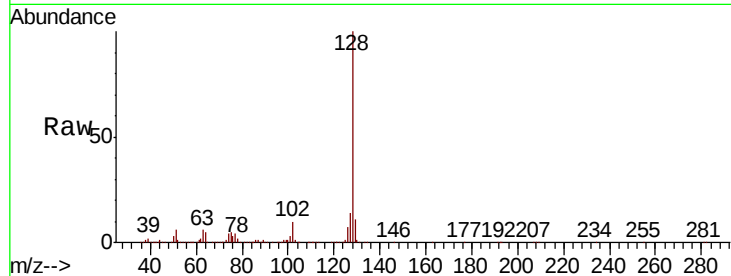




#95
Naphthalene
Concen: 19.927 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW010428.D
Acq: 18 May 2019 00:05

Instrument :
MSVOA_W
ClientSampleId :
VW0517SBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.5	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.166 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW010428.D
Acq: 18 May 2019 00:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.6	142.9
145	36.4	17.8	53.5

