

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112218\
 Data File : VW006996.D
 Acq On : 21 Nov 2018 12:46
 Operator : VAY/AP
 Sample : VW1122SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

Quant Time: Nov 21 16:25:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	117741	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	183735	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	169944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	84413	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	62786	54.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.94%	
35) Dibromofluoromethane	7.88	113	57460	55.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.76%	
50) Toluene-d8	10.32	98	253573	55.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.68%	
62) 4-Bromofluorobenzene	12.62	95	96219	53.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	3106	2.67	ug/l	94
3) Chloromethane	2.21	50	7466	7.71	ug/l	99
4) Vinyl Chloride	2.36	62	9807	10.29	ug/l	99
5) Bromomethane	2.78	94	8086	15.89	ug/l	89
6) Chloroethane	2.92	64	7169	13.64	ug/l	96
7) Trichlorofluoromethane	3.26	101	31537	16.83	ug/l	100
8) Diethyl Ether	3.69	74	11519	19.07	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	22734	18.71	ug/l	99
10) Methyl Iodide	4.27	142	17766	12.77	ug/l	99
11) Tert butyl alcohol	5.22	59	6978	92.99	ug/l	95
12) 1,1-Dichloroethene	4.04	96	18963	17.79	ug/l	99
13) Acrolein	3.90	56	7865	102.06	ug/l	99
14) Allyl chloride	4.68	41	32913	18.62	ug/l	99
15) Acrylonitrile	5.38	53	21095	92.93	ug/l	97
16) Acetone	4.15	43	15863	94.78	ug/l	99
17) Carbon Disulfide	4.38	76	49702	14.43	ug/l	100
18) Methyl Acetate	4.68	43	11080	18.59	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	54735	19.67	ug/l	98
20) Methylene Chloride	4.92	84	29947	19.12	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	23527	18.95	ug/l	99
22) Diisopropyl ether	6.32	45	67738	19.69	ug/l	96
23) Vinyl Acetate	6.26	43	182830	100.07	ug/l	99
24) 1,1-Dichloroethane	6.22	63	40539	19.37	ug/l	98
25) 2-Butanone	7.18	43	27426	95.68	ug/l	99
26) 2,2-Dichloropropane	7.17	77	39526	21.00	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	25859	19.56	ug/l	96
28) Bromochloromethane	7.51	49	14591	18.65	ug/l	97
29) Tetrahydrofuran	7.54	42	17498	94.26	ug/l	99
30) Chloroform	7.68	83	44029	19.80	ug/l	98
31) Cyclohexane	7.96	56	44266	19.94	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	42596	21.27	ug/l	99
36) 1,1-Dichloropropene	8.08	75	37014	20.62	ug/l	98
37) Ethyl Acetate	7.26	43	12802	19.68	ug/l	100
38) Carbon Tetrachloride	8.07	117	37036	21.54	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112218\
 Data File : VW006996.D
 Acq On : 21 Nov 2018 12:46
 Operator : VAY/AP
 Sample : VW1122SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

Quant Time: Nov 21 16:25:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	43849	19.52	ug/l	97
40) Benzene	8.32	78	95346	19.67	ug/l	99
41) Methacrylonitrile	7.49	41	7709	19.08	ug/l	98
42) 1,2-Dichloroethane	8.40	62	27230	19.35	ug/l	100
43) Isopropyl Acetate	8.43	43	24705	19.93	ug/l	98
44) Trichloroethene	9.09	130	28097	20.68	ug/l	100
45) 1,2-Dichloropropane	9.37	63	24594	20.59	ug/l	100
46) Dibromomethane	9.46	93	11778	19.69	ug/l	97
47) Bromodichloromethane	9.65	83	33088	20.99	ug/l	94
48) Methyl methacrylate	9.43	41	10956	18.33	ug/l	98
49) 1,4-Dioxane	9.48	88	3238	364.13	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	59398	94.80	ug/l	100
52) Toluene	10.39	92	65759	19.94	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	30516	19.98	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	36951	20.03	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	17137	19.47	ug/l	96
56) Ethyl methacrylate	10.65	69	19695	19.28	ug/l	100
57) 1,3-Dichloropropane	10.93	76	29795	20.20	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	54661	102.37	ug/l	100
59) 2-Hexanone	10.97	43	41647	97.06	ug/l	99
60) Dibromochloromethane	11.13	129	20036	19.98	ug/l	97
61) 1,2-Dibromoethane	11.24	107	16187	20.10	ug/l	98
64) Tetrachloroethene	10.87	164	22561	20.64	ug/l	95
65) Chlorobenzene	11.66	112	74012	20.87	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	22595	21.06	ug/l	99
67) Ethyl Benzene	11.73	91	133755	20.53	ug/l	98
68) m/p-Xylenes	11.84	106	106426	41.63	ug/l	99
69) o-Xylene	12.17	106	49349	20.47	ug/l	99
70) Styrene	12.18	104	79824	20.81	ug/l	99
71) Bromoform	12.35	173	10190	20.16	ug/l #	99
73) Isopropylbenzene	12.47	105	138256	21.07	ug/l	99
74) N-amyl acetate	12.27	43	21890	19.91	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	17246	19.75	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	24219	36.51	ug/l #	100
77) Bromobenzene	12.75	156	28804	20.44	ug/l	98
78) n-propylbenzene	12.81	91	167326	21.06	ug/l	99
79) 2-Chlorotoluene	12.90	91	94359	20.59	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	117925	20.79	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	5248	19.86	ug/l	96
82) 4-Chlorotoluene	12.99	91	99467	20.69	ug/l	100
83) tert-Butylbenzene	13.21	119	103117	20.99	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	117225	20.74	ug/l	100
85) sec-Butylbenzene	13.39	105	145023	20.90	ug/l	100
86) p-Isopropyltoluene	13.51	119	127805	20.88	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	59525	20.69	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	58848	20.52	ug/l	99
89) n-Butylbenzene	13.83	91	120976	21.00	ug/l	100
90) Hexachloroethane	14.10	117	18683	20.90	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	51780	20.54	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3053	20.70	ug/l	87

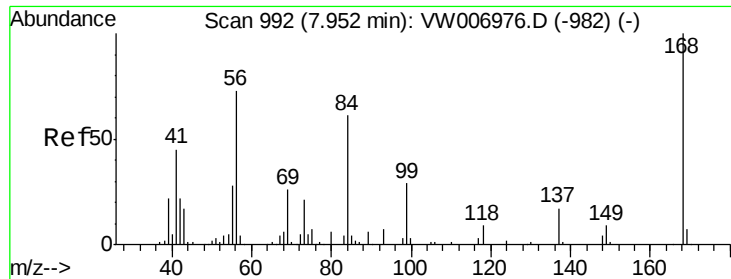
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW112218\
Data File : VW006996.D
Acq On : 21 Nov 2018 12:46
Operator : VAY/AP
Sample : VW1122SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Quant Time: Nov 21 16:25:28 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	32779	19.72	ug/l	99
94) Hexachlorobutadiene	15.24	225	18606	20.59	ug/l	99
95) Naphthalene	15.38	128	57073	18.92	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	27110	19.66	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Instrument :

MSVOA_W

ClientSampleId :

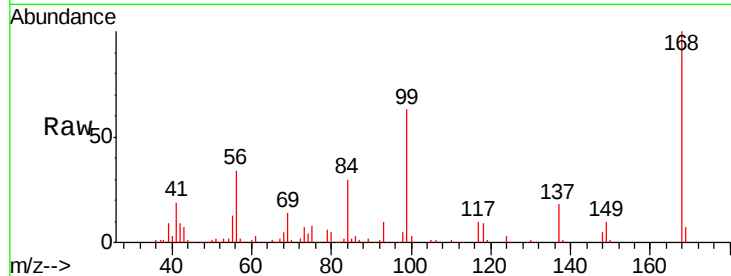
VW1122SBS01

Tgt Ion:168 Resp: 117741

Ion Ratio Lower Upper

168 100

99 62.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

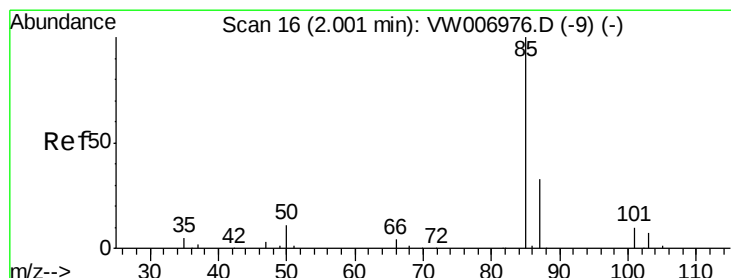
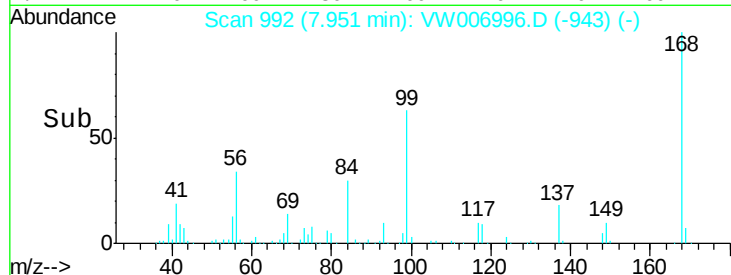
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 2.67 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW006996.D

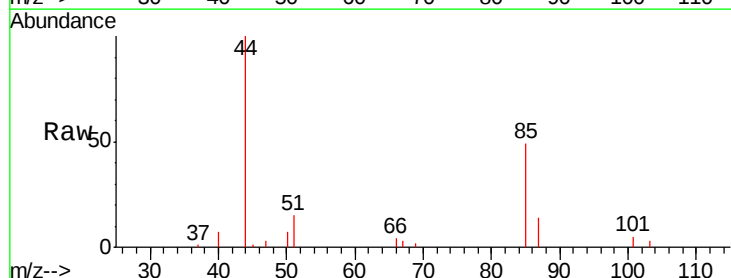
Acq: 21 Nov 2018 12:46

Tgt Ion: 85 Resp: 3106

Ion Ratio Lower Upper

85 100

87 29.1 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

2000

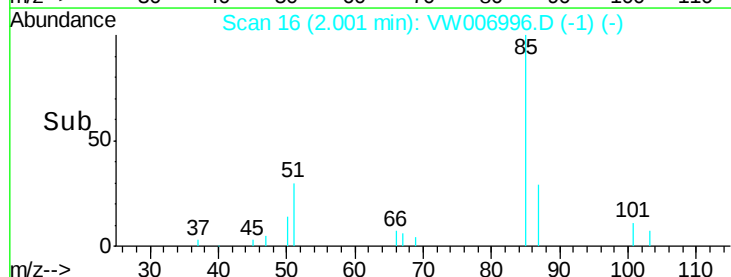
1500

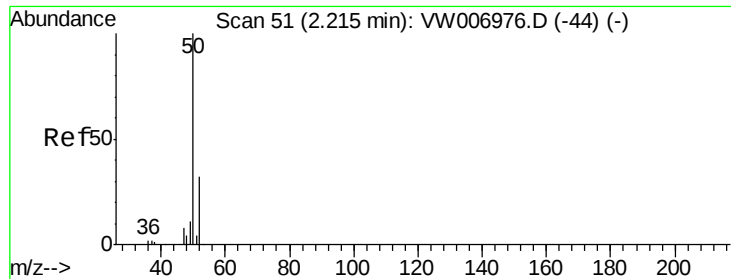
1000

500

0

Time-->





#3

Chloromethane

Concen: 7.71 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Instrument :

MSVOA_W

ClientSampleId :

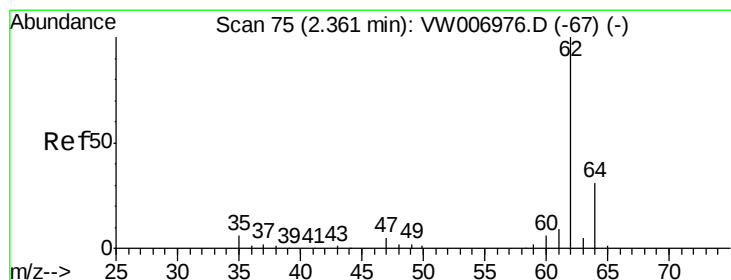
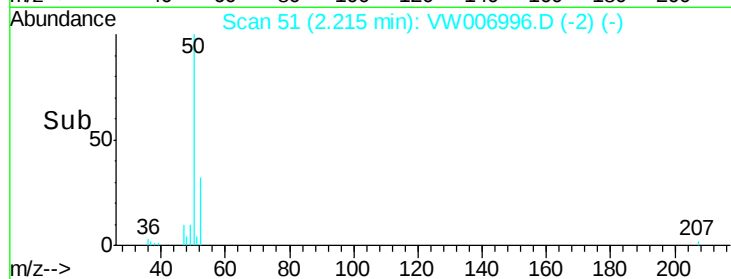
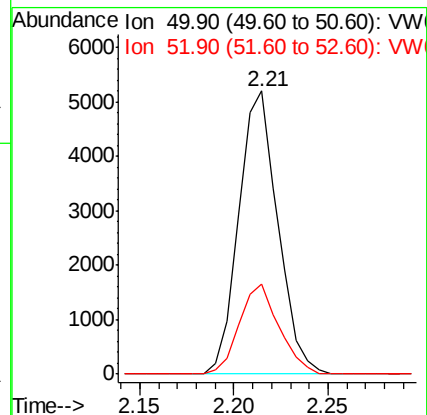
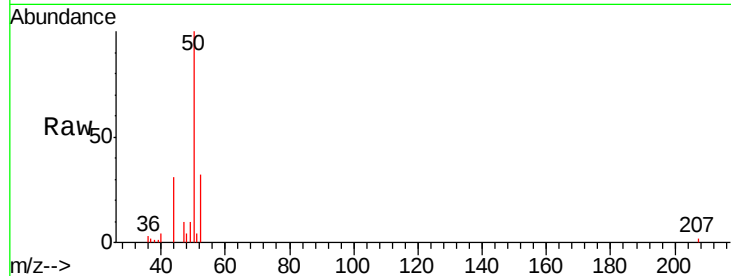
VW1122SBS01

Tgt Ion: 50 Resp: 7466

Ion Ratio Lower Upper

50 100

52 31.7 25.7 38.5



#4

Vinyl Chloride

Concen: 10.29 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW006996.D

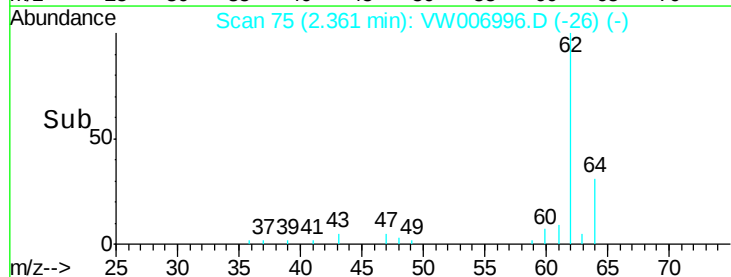
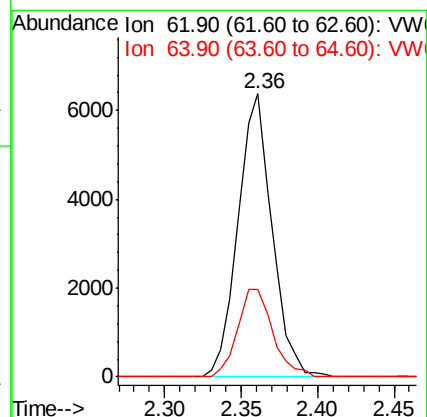
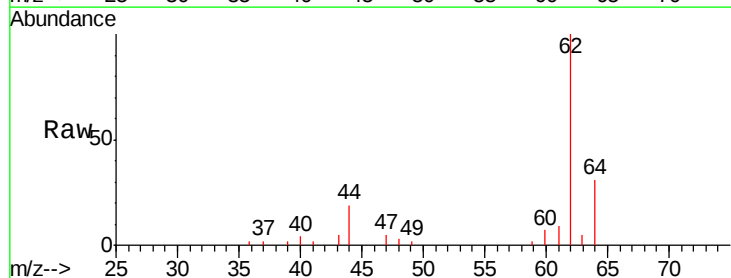
Acq: 21 Nov 2018 12:46

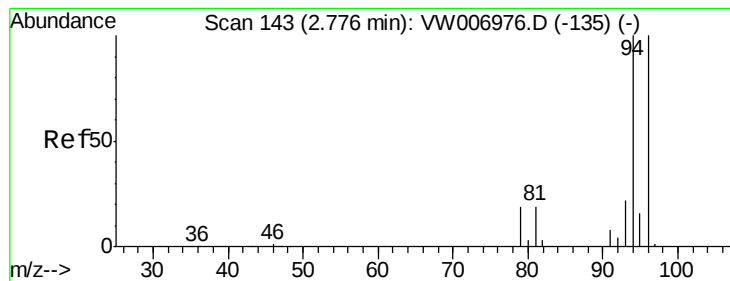
Tgt Ion: 62 Resp: 9807

Ion Ratio Lower Upper

62 100

64 30.9 25.2 37.8





#5

Bromomethane

Concen: 15.89 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Instrument :

MSVOA_W

ClientSampleId :

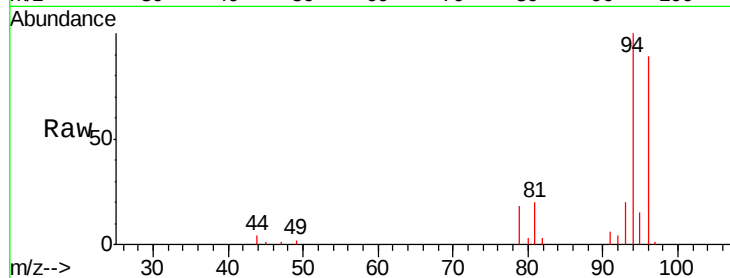
VW1122SBS01

Tgt Ion: 94 Resp: 8086

Ion Ratio Lower Upper

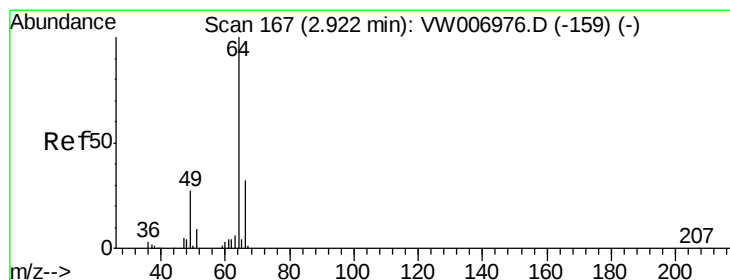
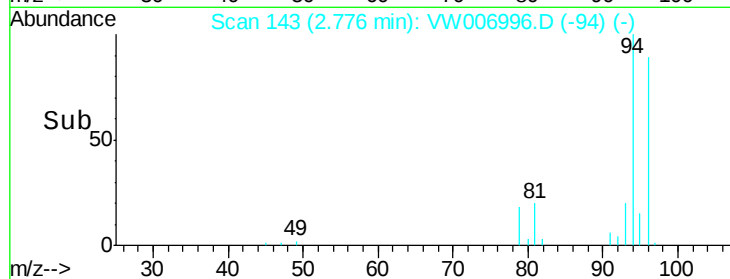
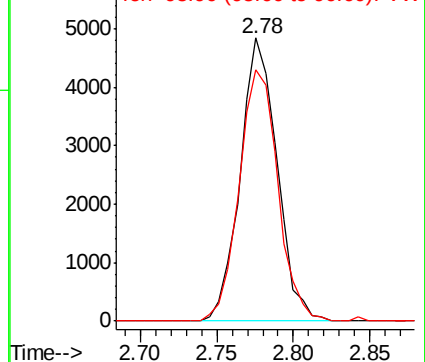
94 100

96 89.0 80.2 120.2



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 13.64 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW006996.D

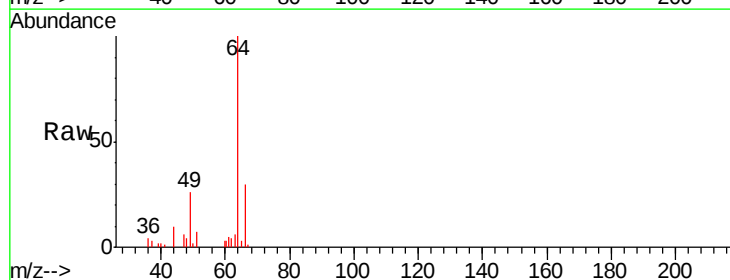
Acq: 21 Nov 2018 12:46

Tgt Ion: 64 Resp: 7169

Ion Ratio Lower Upper

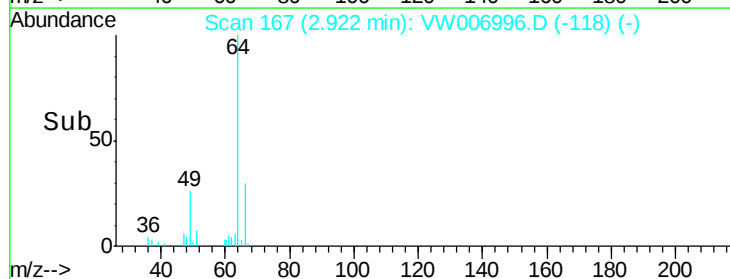
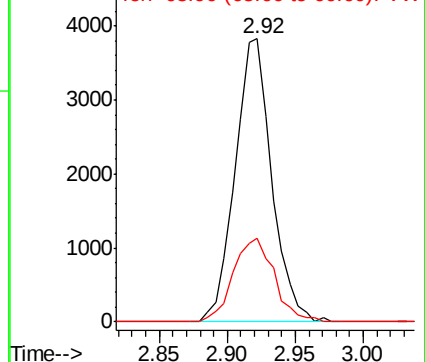
64 100

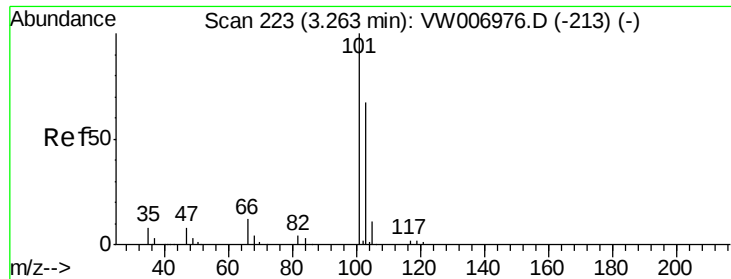
66 29.6 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



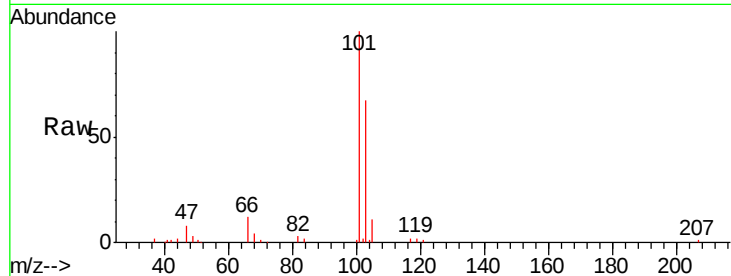


#7

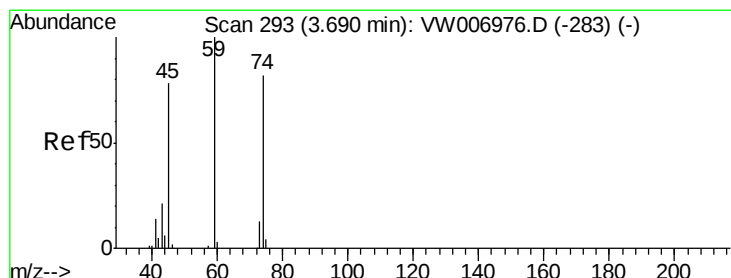
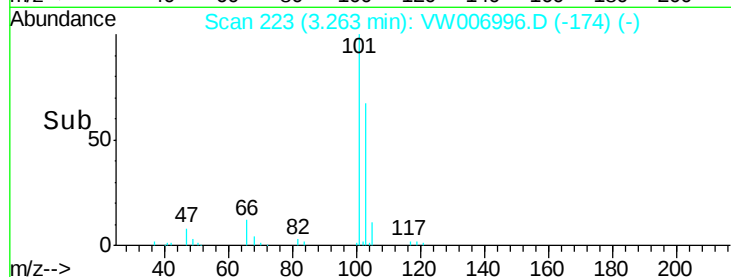
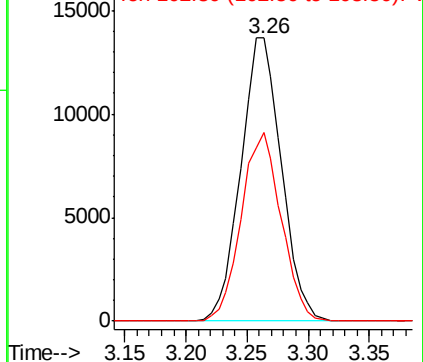
Trichlorofluoromethane
 Concen: 16.83 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW006996.D
 Acq: 21 Nov 2018 12:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

Tgt Ion:101 Resp: 31537
 Ion Ratio Lower Upper
 101 100
 103 66.9 53.4 80.2



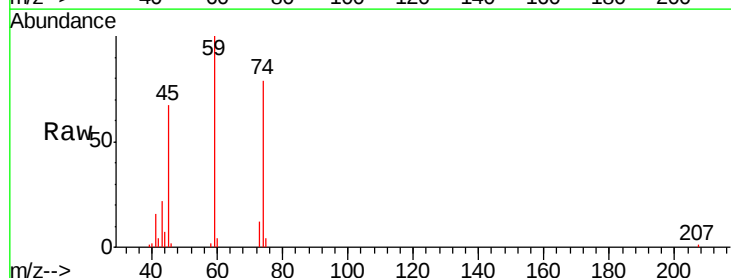
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



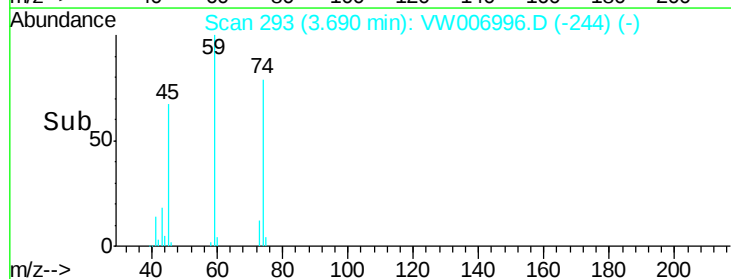
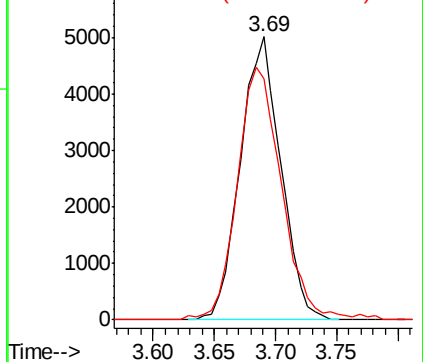
#8

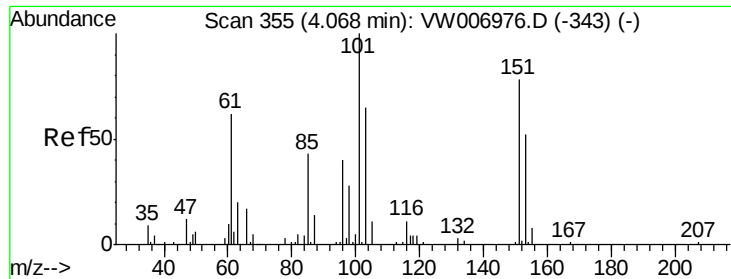
Diethyl Ether
 Concen: 19.07 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW006996.D
 Acq: 21 Nov 2018 12:46

Tgt Ion: 74 Resp: 11519
 Ion Ratio Lower Upper
 74 100
 45 97.3 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): VW
 Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.71 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

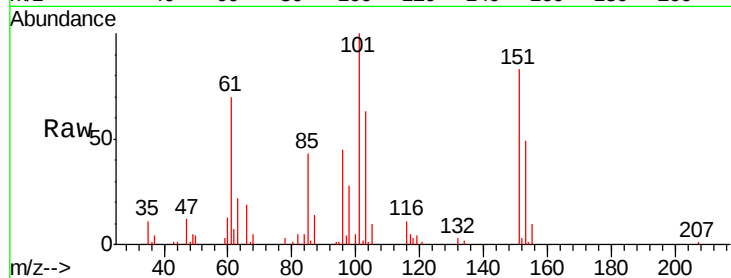
Tgt Ion:101 Resp: 22734

Ion Ratio Lower Upper

101 100

85 43.5 34.3 51.5

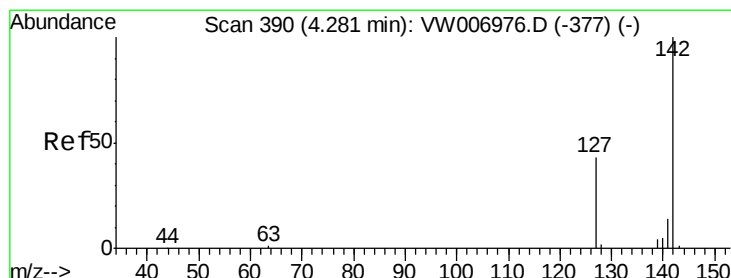
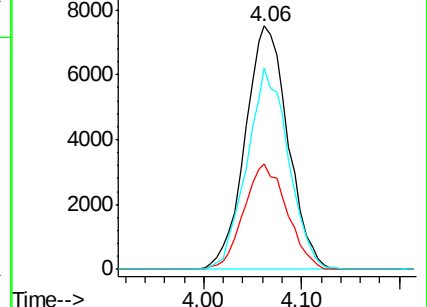
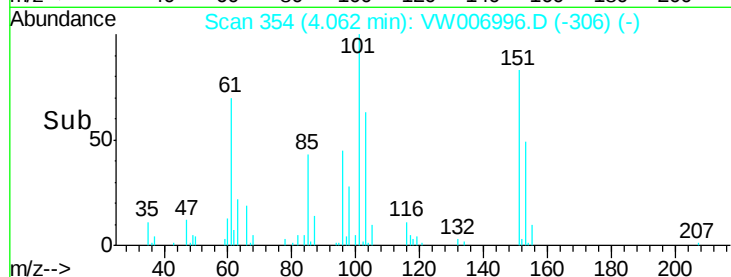
151 80.4 63.4 95.2



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: 12.77 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

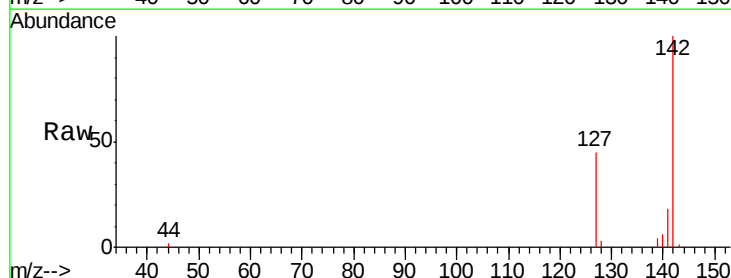
Tgt Ion:142 Resp: 17766

Ion Ratio Lower Upper

142 100

127 44.3 35.3 52.9

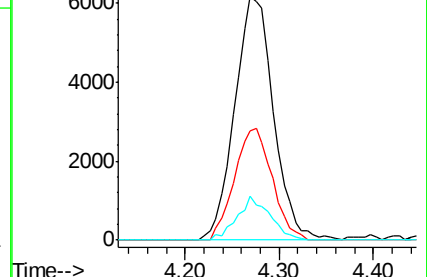
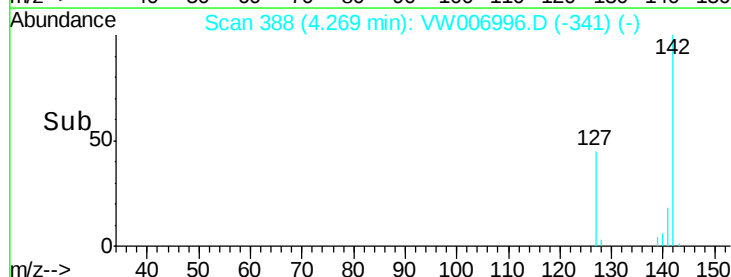
141 15.2 11.7 17.5

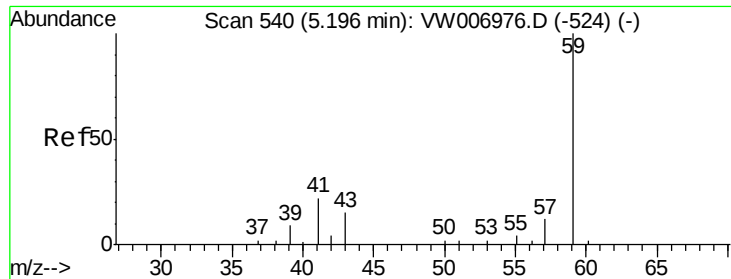


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

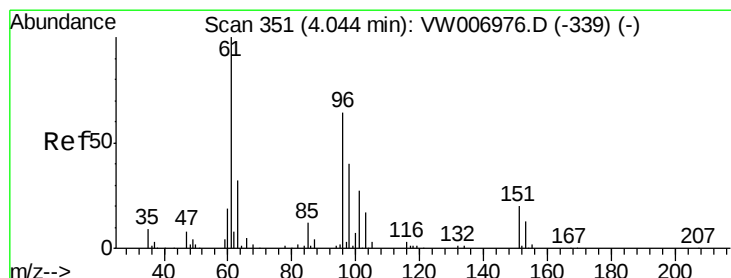
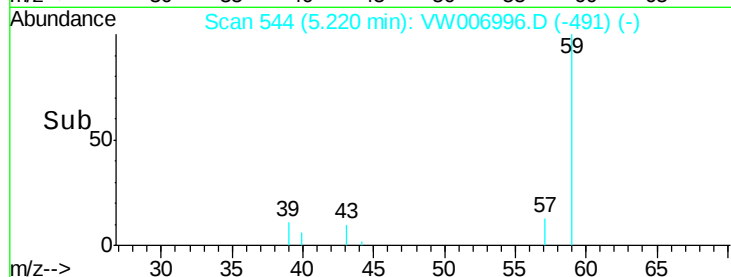
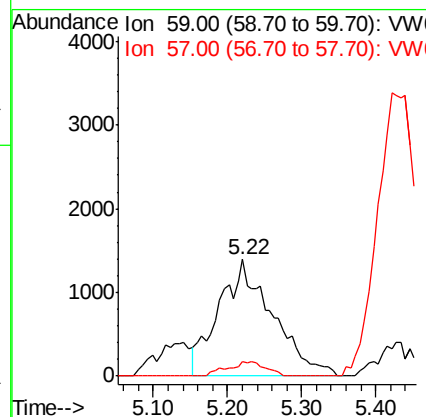
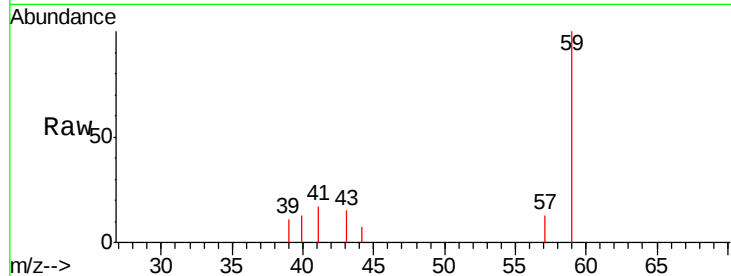




#11
Tert butyl alcohol
Concen: 92.99 ug/l
RT: 5.22 min Scan# 544
Delta R.T. 0.02 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

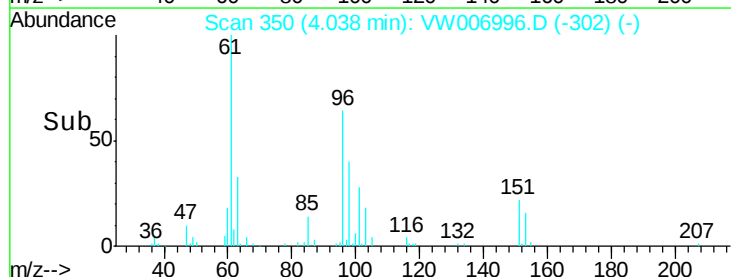
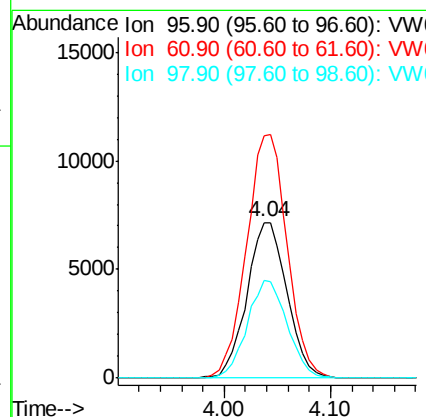
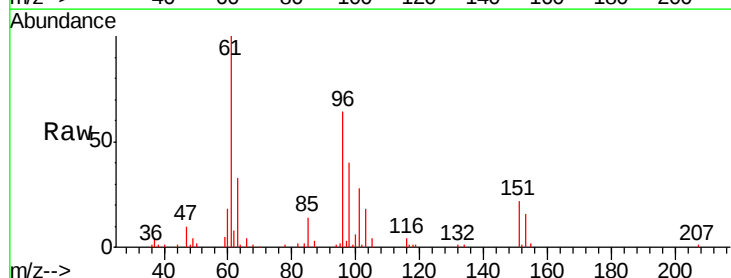
Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

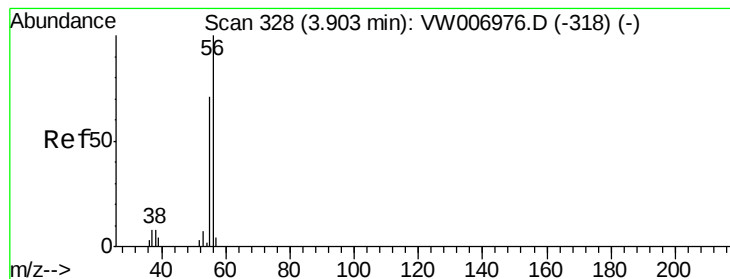
Tgt Ion: 59 Resp: 6978
Ion Ratio Lower Upper
59 100
57 8.9 8.6 13.0



#12
1,1-Dichloroethene
Concen: 17.79 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Tgt Ion: 96 Resp: 18963
Ion Ratio Lower Upper
96 100
61 155.6 124.3 186.5
98 62.9 49.4 74.2





#13

Acrolein

Concen: 102.06 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Instrument :

MSVOA_W

ClientSampleId :

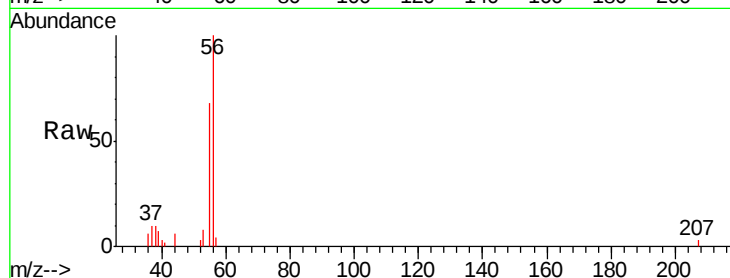
VW1122SBS01

Tgt Ion: 56 Resp: 7865

Ion Ratio Lower Upper

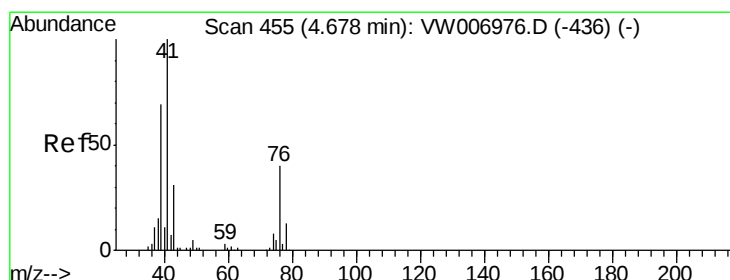
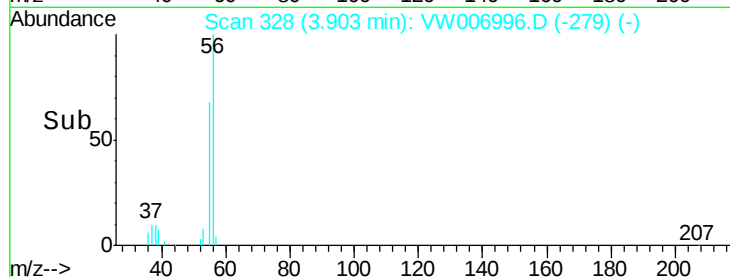
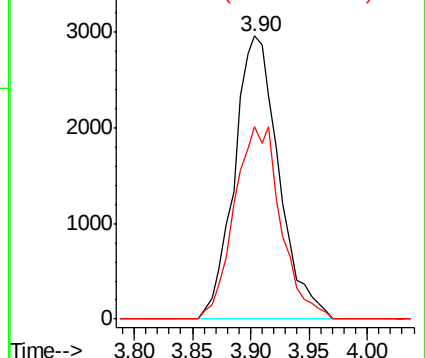
56 100

55 71.2 57.5 86.3



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 18.62 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

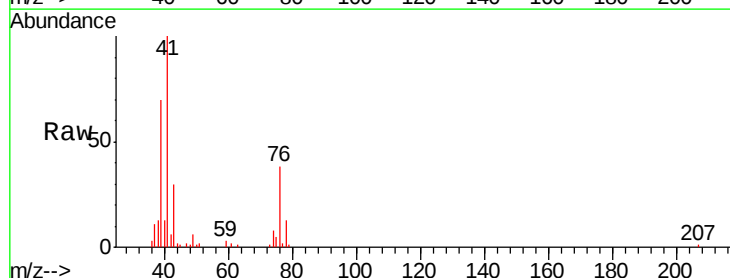
Tgt Ion: 41 Resp: 32913

Ion Ratio Lower Upper

41 100

39 70.6 55.4 83.2

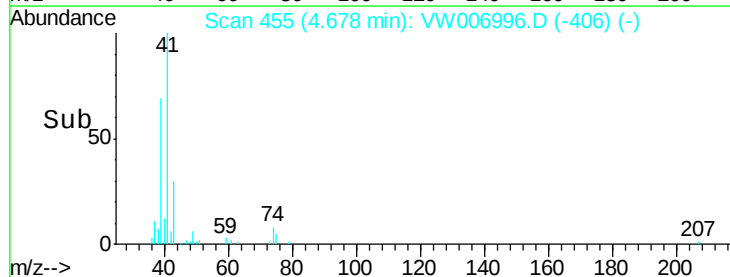
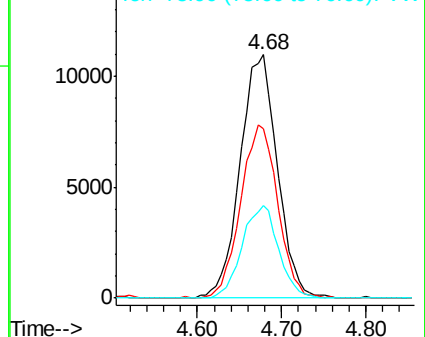
76 37.1 29.6 44.4

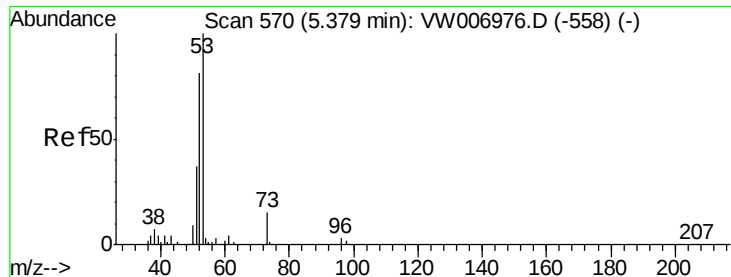


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 92.93 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

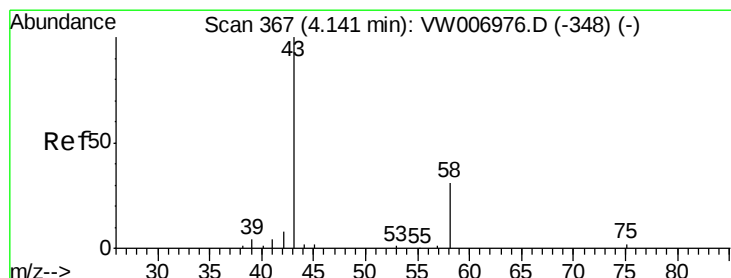
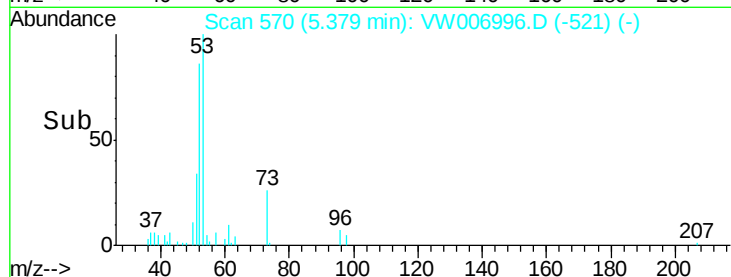
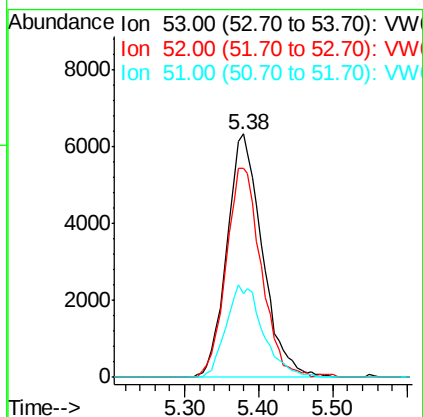
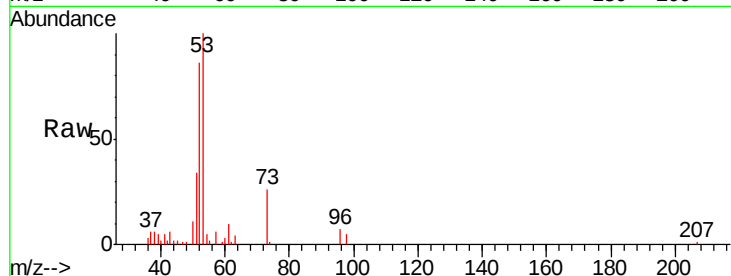
Tgt Ion: 53 Resp: 21095

Ion Ratio Lower Upper

53 100

52 85.1 65.7 98.5

51 39.4 29.9 44.9



#16

Acetone

Concen: 94.78 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW006996.D

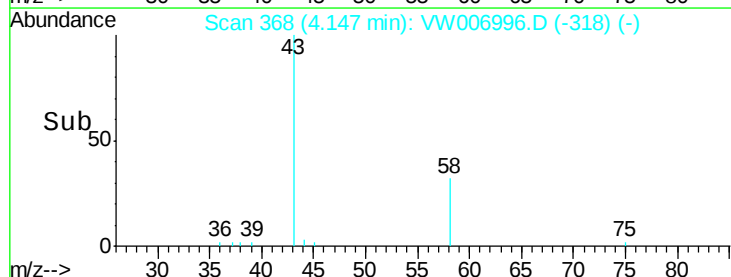
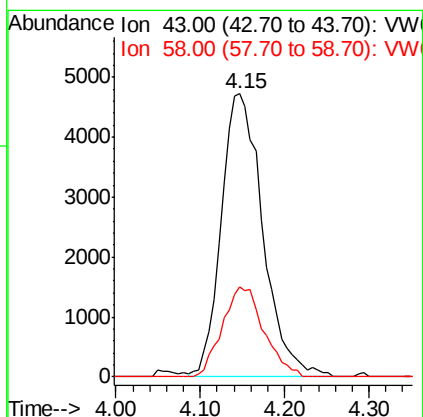
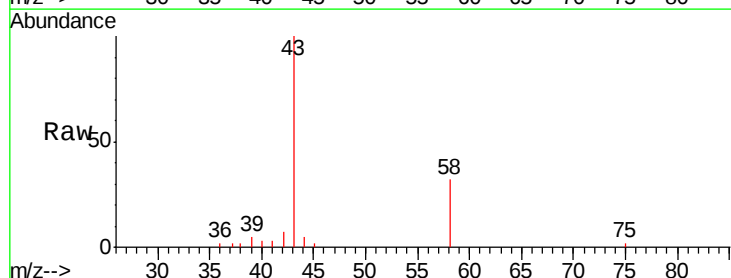
Acq: 21 Nov 2018 12:46

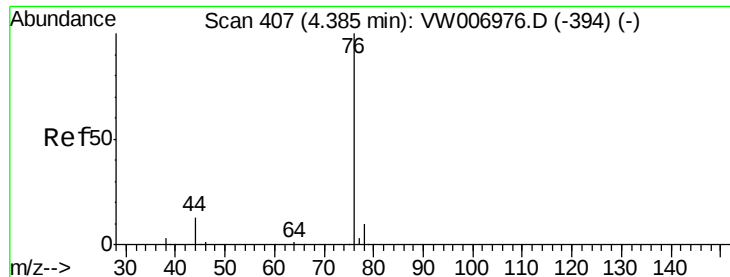
Tgt Ion: 43 Resp: 15863

Ion Ratio Lower Upper

43 100

58 31.8 24.8 37.2

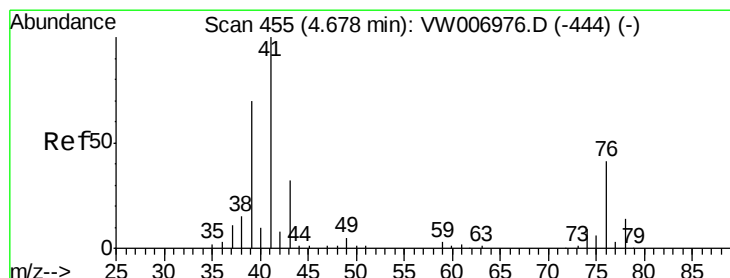
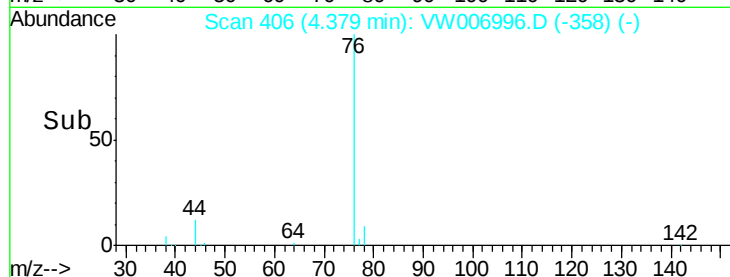
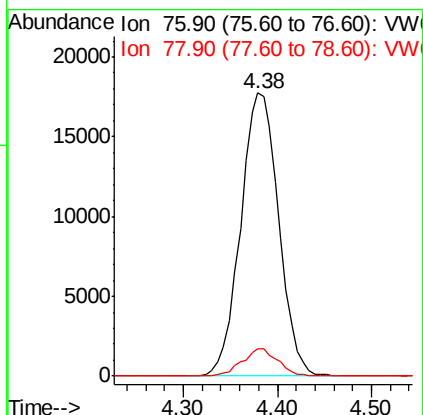
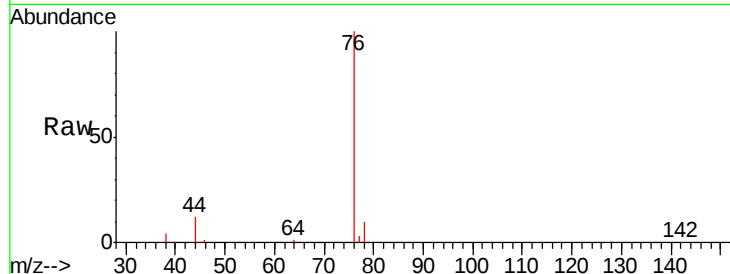




#17
Carbon Disulfide
Concen: 14.43 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

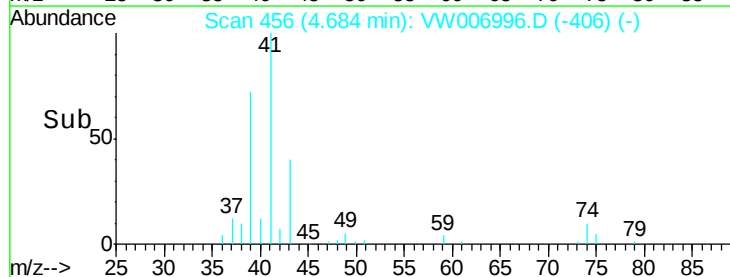
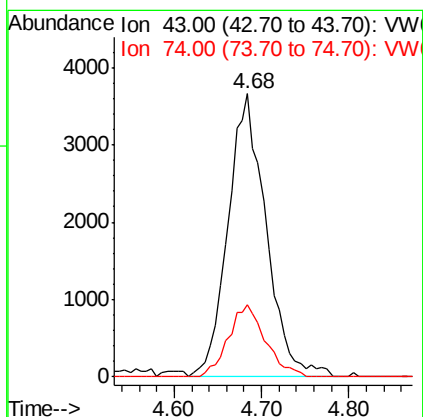
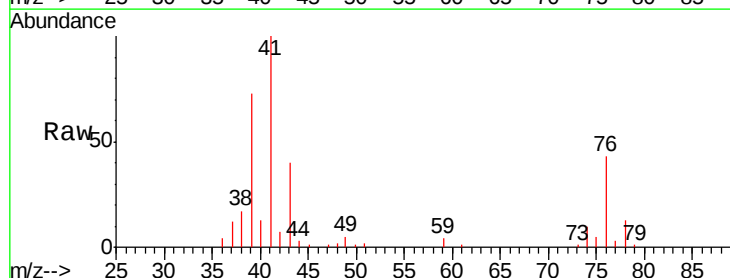
Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

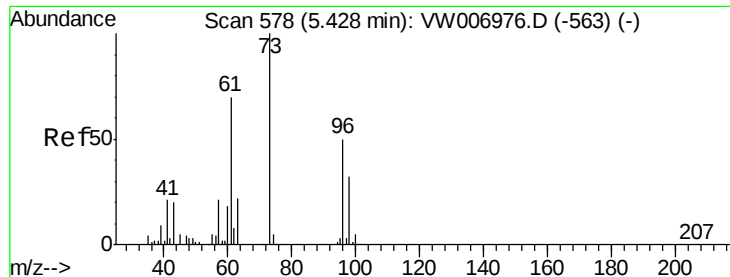
Tgt Ion: 76 Resp: 49702
Ion Ratio Lower Upper
76 100
78 9.8 7.8 11.6



#18
Methyl Acetate
Concen: 18.59 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Tgt Ion: 43 Resp: 11080
Ion Ratio Lower Upper
43 100
74 24.7 20.1 30.1

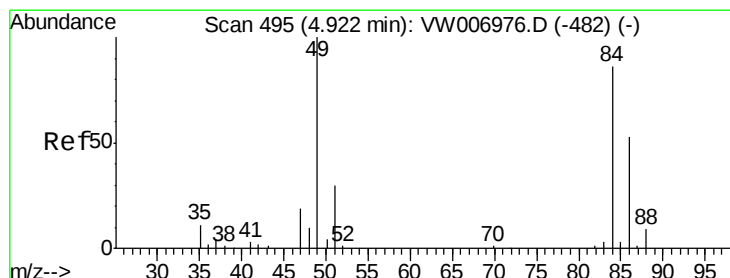
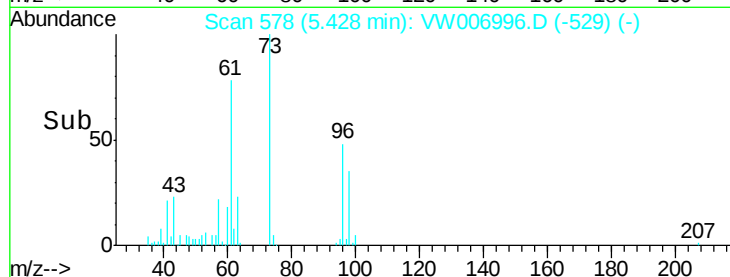
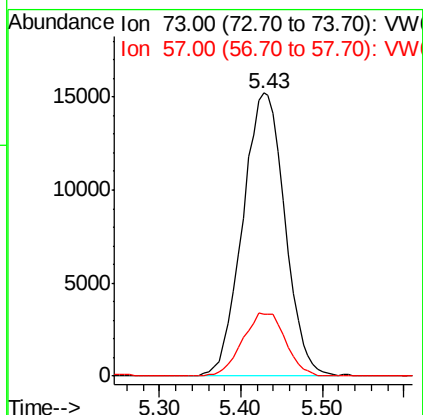
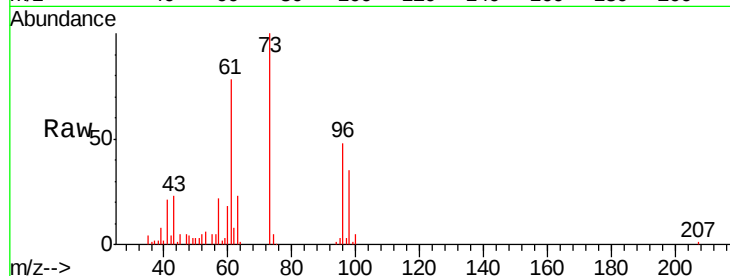




#19
Methyl tert-butyl Ether
Concen: 19.67 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

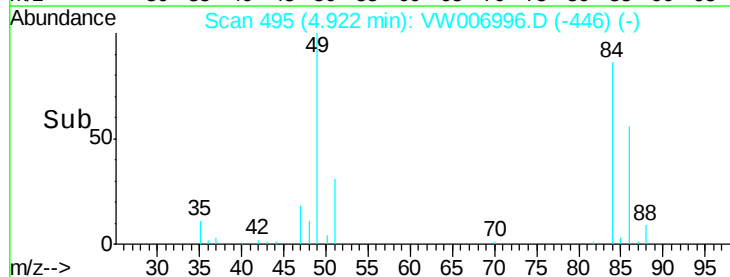
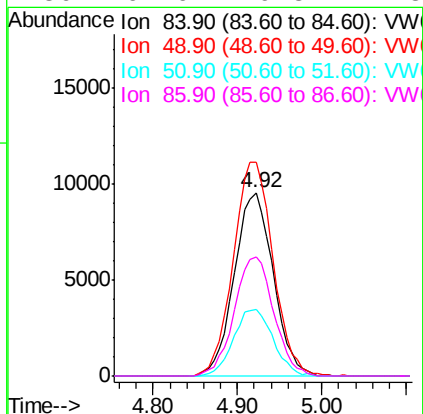
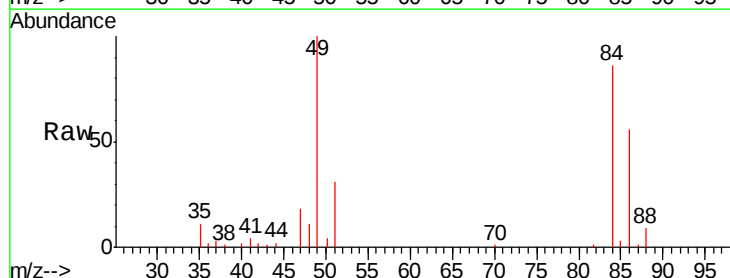
Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

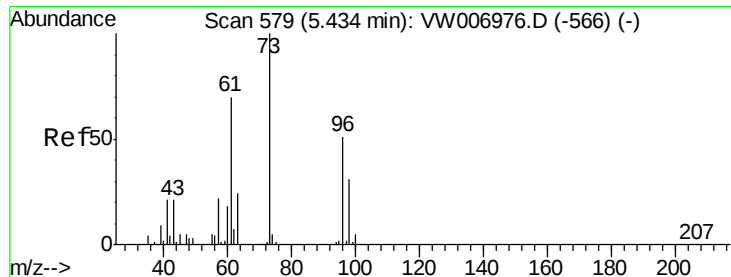
Tgt Ion: 73 Resp: 54735
Ion Ratio Lower Upper
73 100
57 22.1 16.7 25.1



#20
Methylene Chloride
Concen: 19.12 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Tgt Ion: 84 Resp: 29947
Ion Ratio Lower Upper
84 100
49 116.3 93.4 140.0
51 36.5 28.4 42.6
86 64.6 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 18.95 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

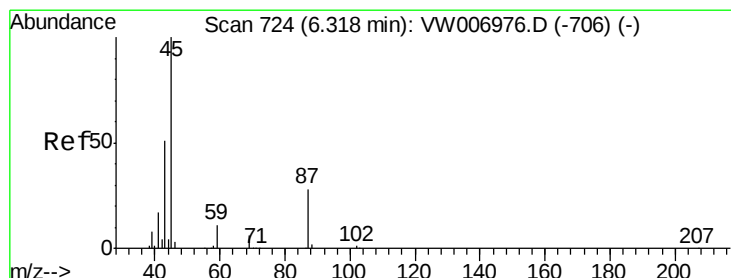
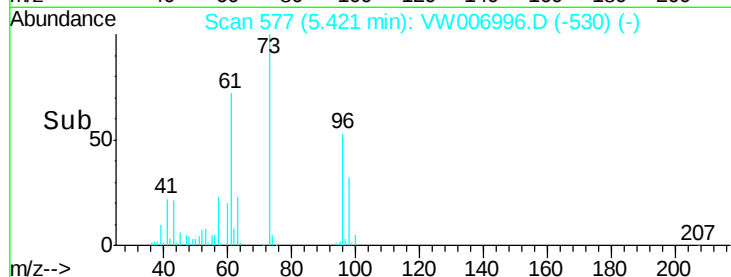
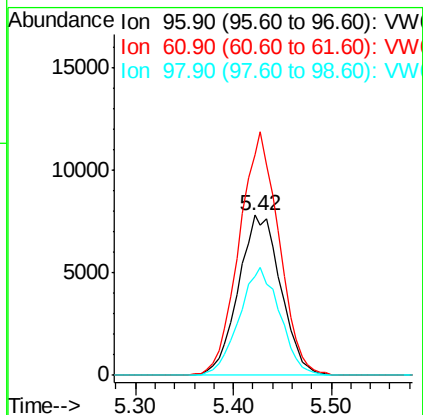
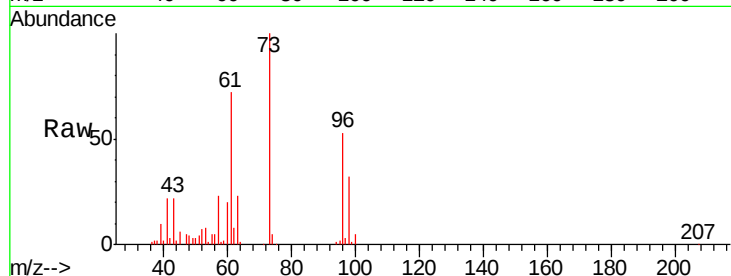
Tgt Ion: 96 Resp: 23527

Ion Ratio Lower Upper

96 100

61 137.5 109.4 164.0

98 61.8 48.3 72.5



#22

Diisopropyl ether

Concen: 19.69 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Tgt Ion: 45 Resp: 67738

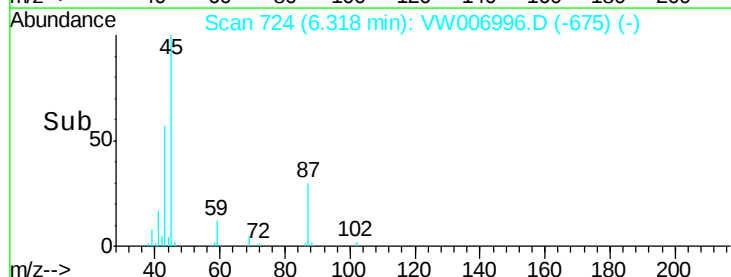
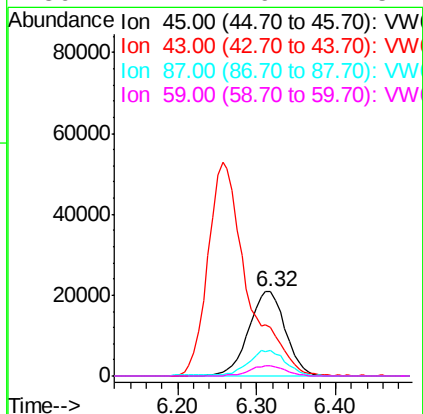
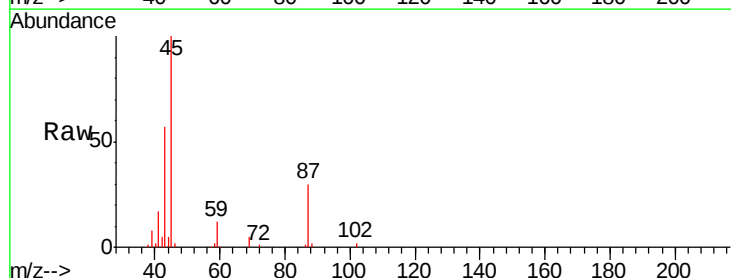
Ion Ratio Lower Upper

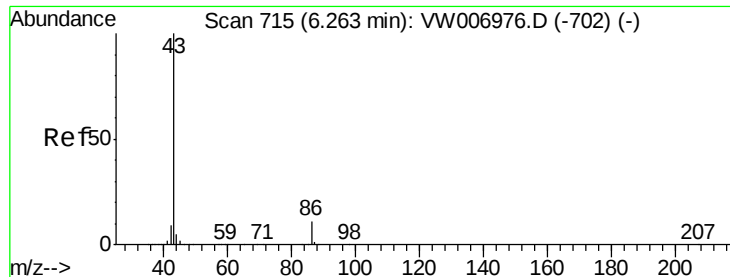
45 100

43 56.5 42.5 63.7

87 30.2 22.8 34.2

59 12.1 9.1 13.7

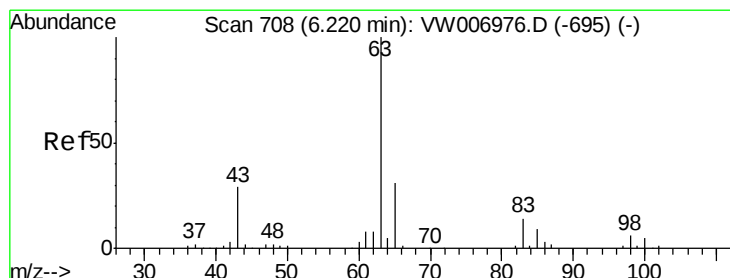
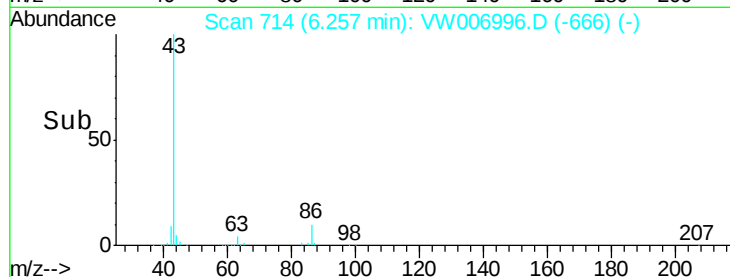
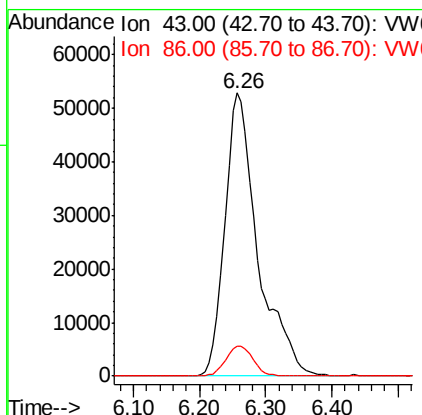
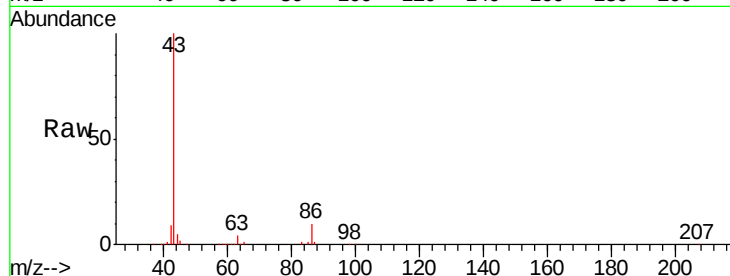




#23
 Vinyl Acetate
 Concen: 100.07 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: VW006996.D
 Acq: 21 Nov 2018 12:46

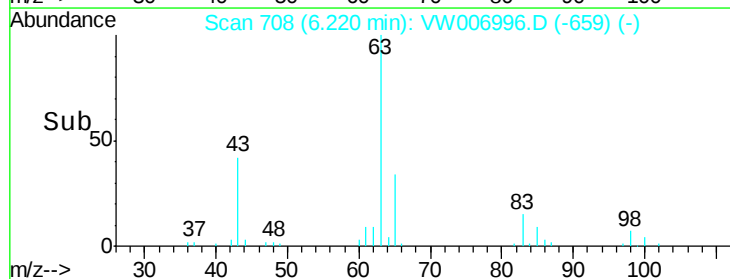
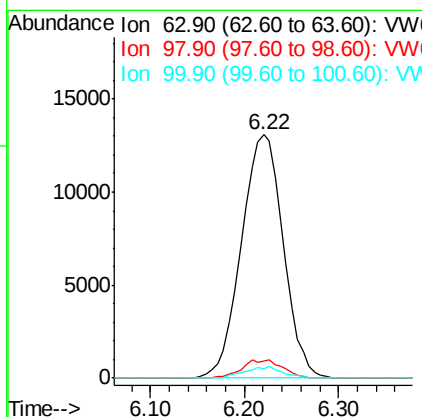
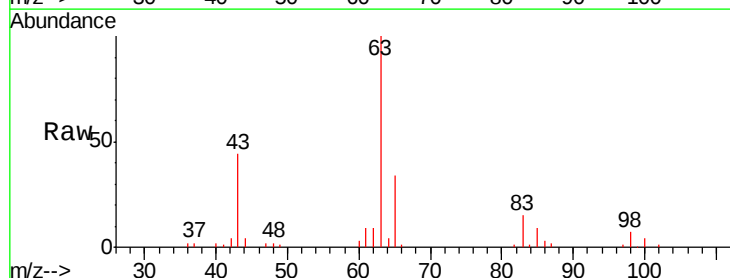
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

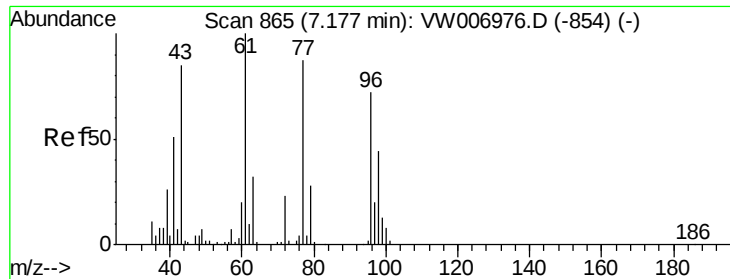
Tgt Ion: 43 Resp: 182830
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 19.37 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: VW006996.D
 Acq: 21 Nov 2018 12:46

Tgt Ion: 63 Resp: 40539
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.1 9.4
 100 3.8 2.3 6.9





#25

2-Butanone

Concen: 95.68 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Instrument :

MSVOA_W

ClientSampled :

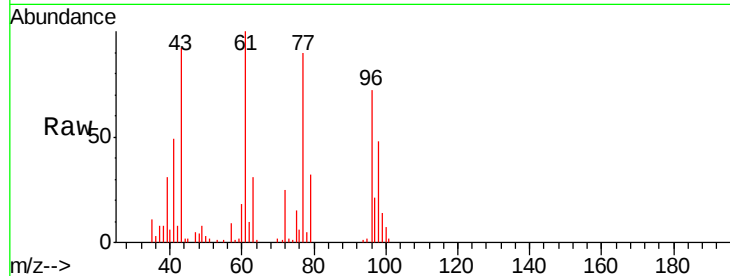
VW1122SBS01

Tgt Ion: 43 Resp: 27426

Ion Ratio Lower Upper

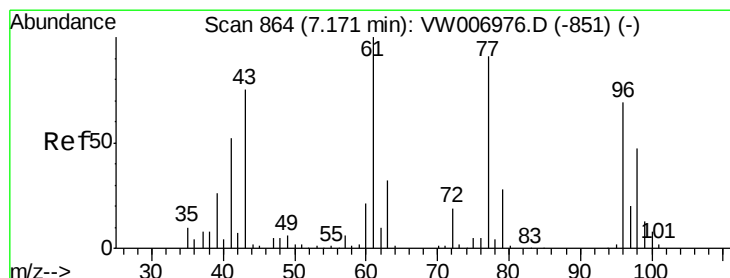
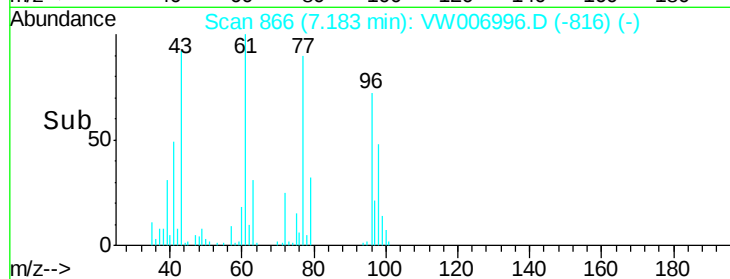
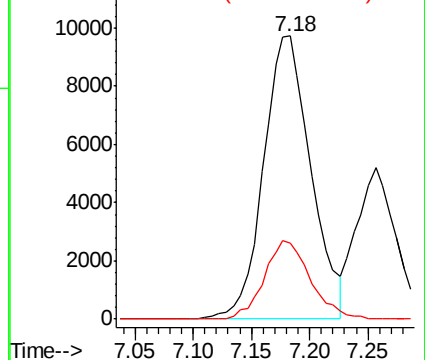
43 100

72 27.1 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 21.00 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006996.D

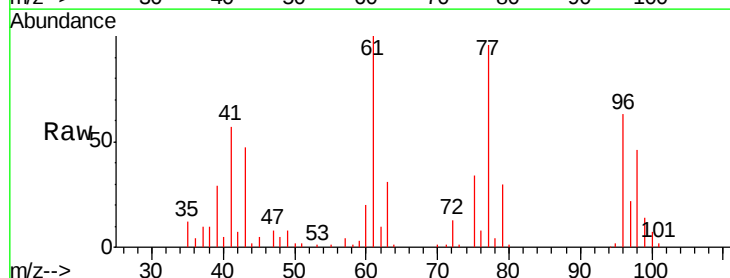
Acq: 21 Nov 2018 12:46

Tgt Ion: 77 Resp: 39526

Ion Ratio Lower Upper

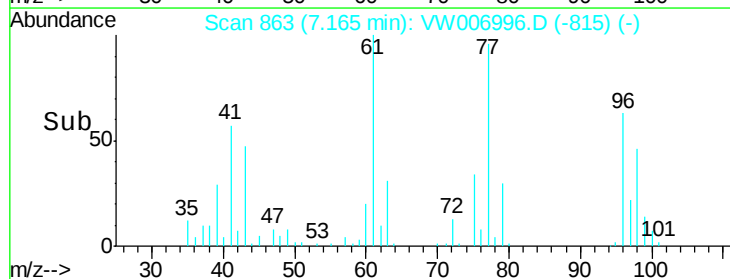
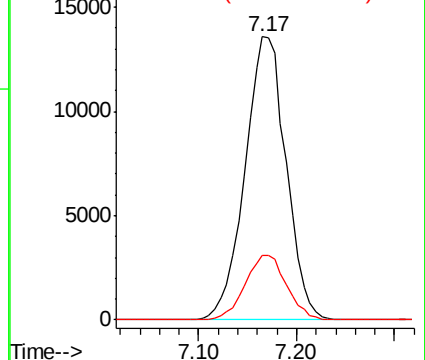
77 100

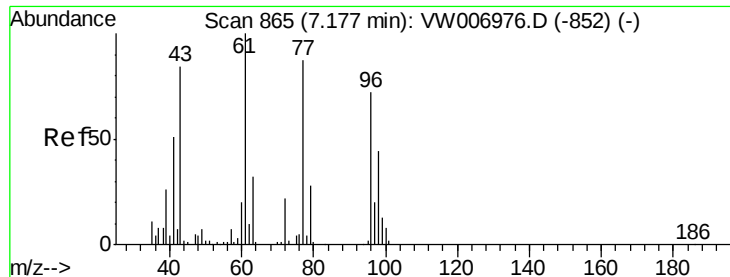
97 22.9 11.4 34.1



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW





#27

cis-1,2-Dichloroethene

Concen: 19.56 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

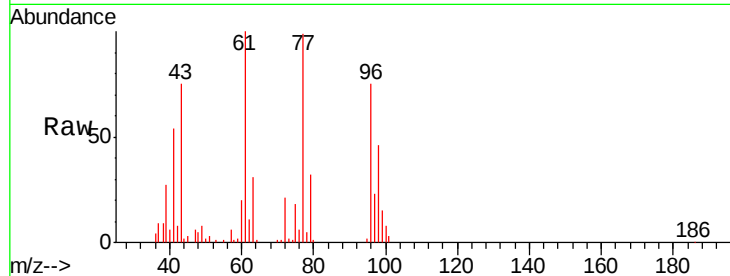
Tgt Ion: 96 Resp: 25859

Ion Ratio Lower Upper

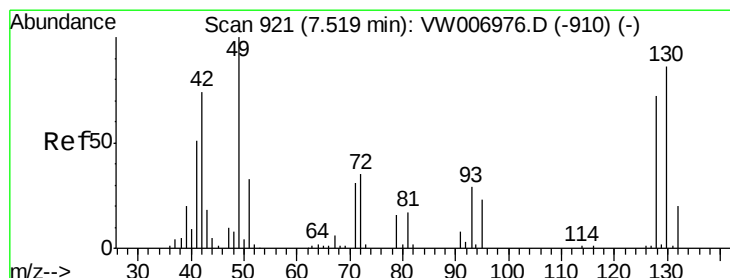
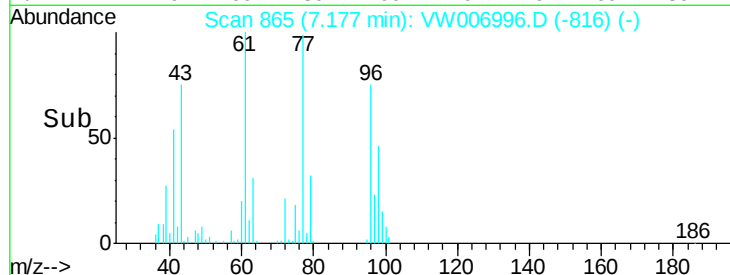
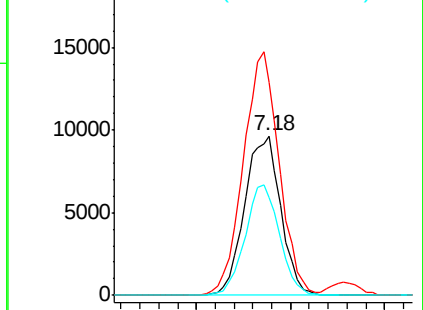
96 100

61 151.9 0.0 292.6

98 66.0 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VW
 20000 Ion 60.90 (60.60 to 61.60): VW
 15000 Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane

Concen: 18.65 ug/l

RT: 7.51 min Scan# 920

Delta R.T. -0.01 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

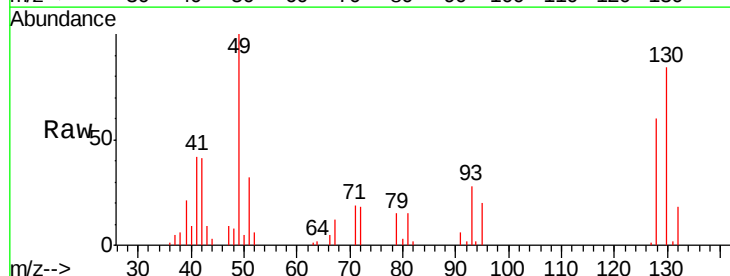
Tgt Ion: 49 Resp: 14591

Ion Ratio Lower Upper

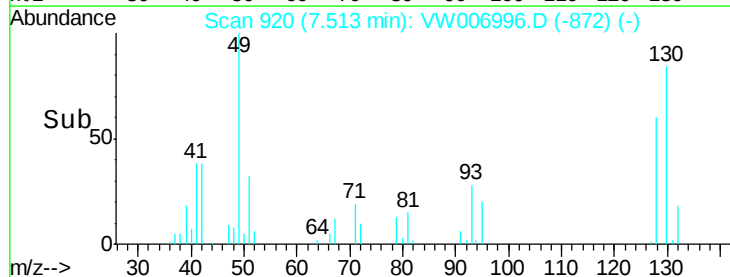
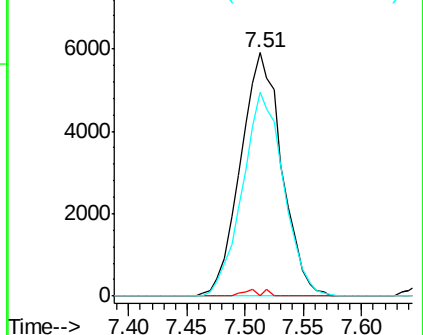
49 100

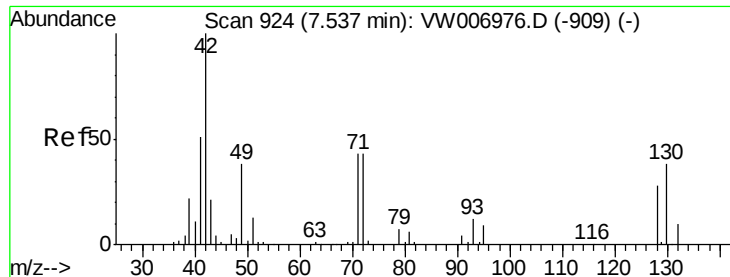
129 1.3 0.0 2.0

130 83.2 69.0 103.4



Abundance Ion 48.90 (48.60 to 49.60): VW
 8000 Ion 128.80 (128.50 to 129.50): V
 6000 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 94.26 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

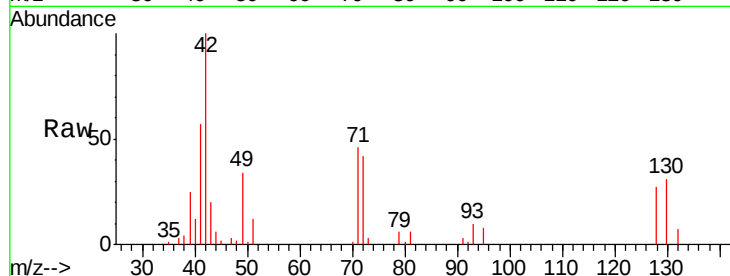
Tgt Ion: 42 Resp: 17498

Ion Ratio Lower Upper

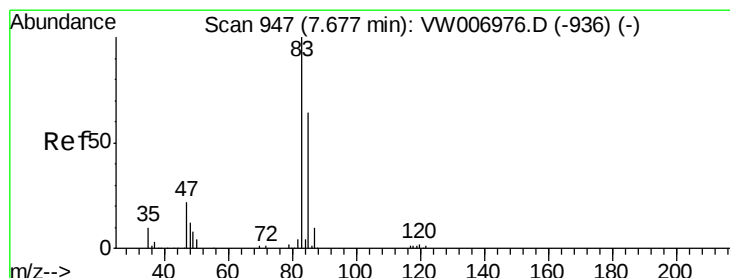
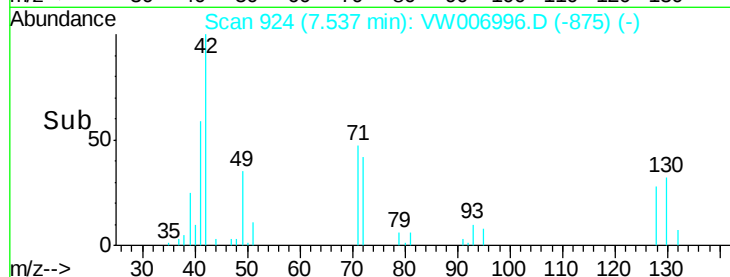
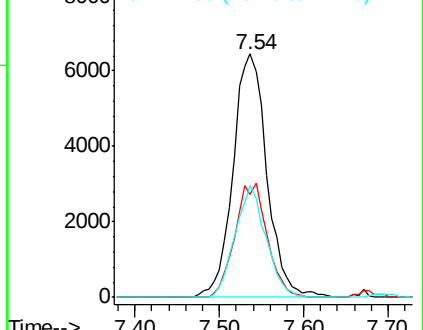
42 100

72 44.9 36.2 54.4

71 41.8 33.8 50.8



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 19.80 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.00 min

Lab File: VW006996.D

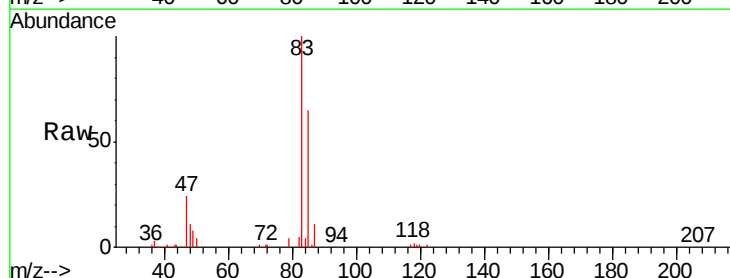
Acq: 21 Nov 2018 12:46

Tgt Ion: 83 Resp: 44029

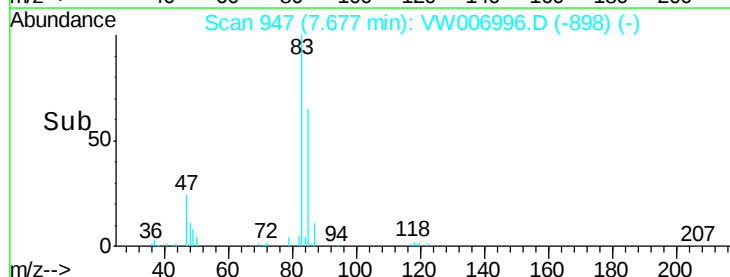
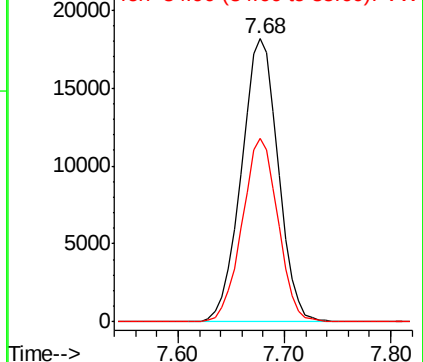
Ion Ratio Lower Upper

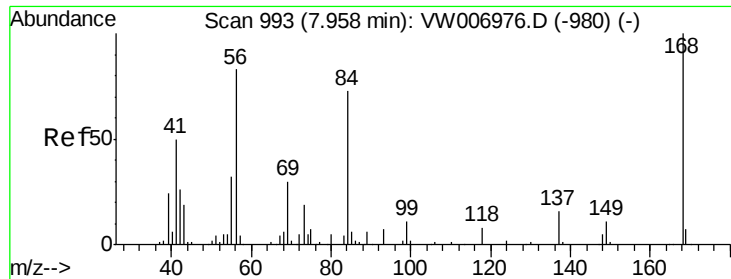
83 100

85 65.0 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW

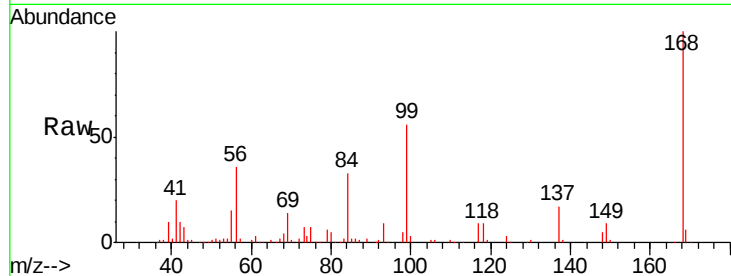




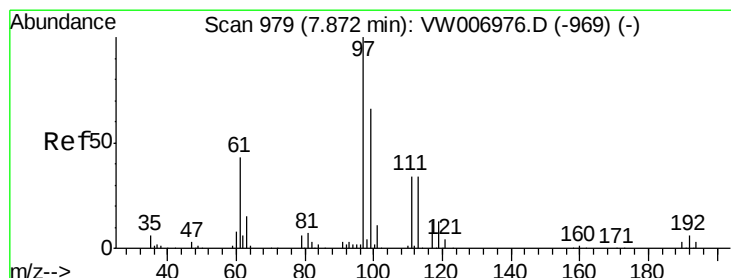
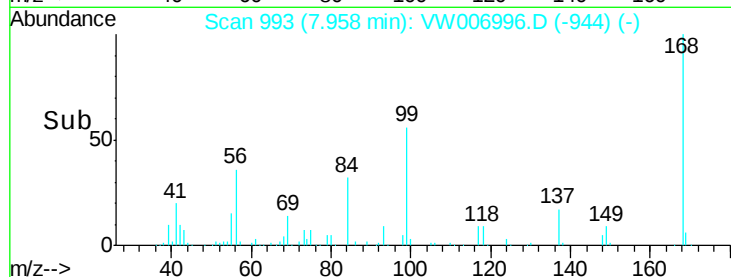
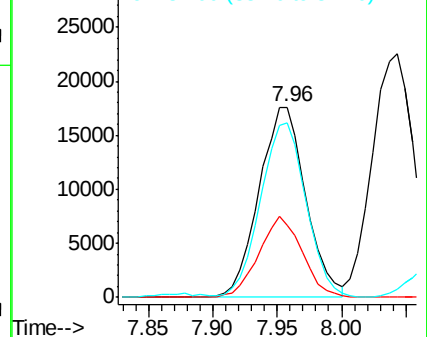
#31
Cyclohexane
Concen: 19.94 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tgt Ion: 56 Resp: 44266
Ion Ratio Lower Upper
56 100
69 37.7 29.1 43.7
84 90.3 70.6 105.8

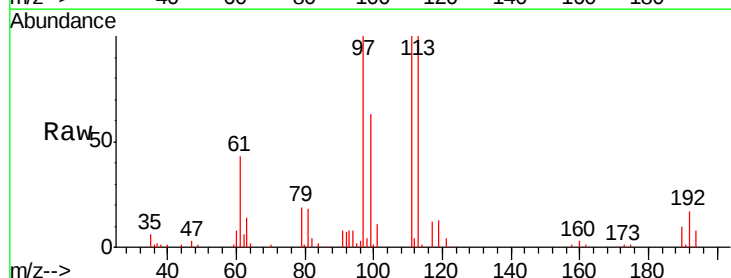


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

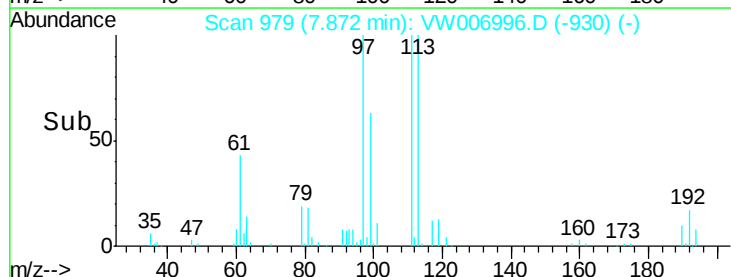
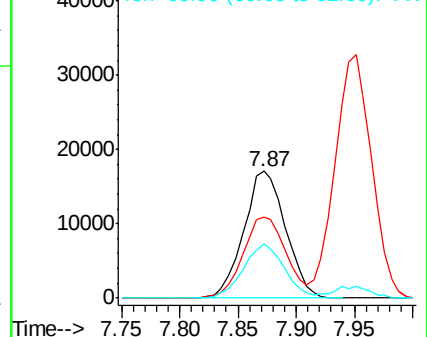


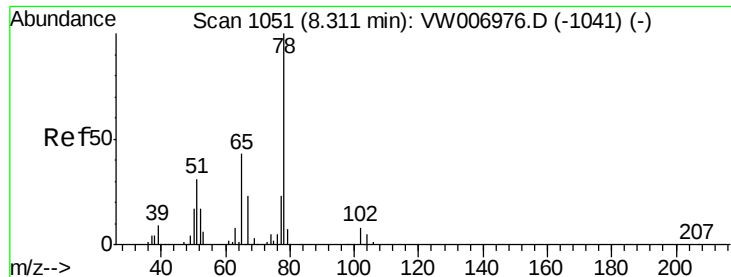
#32
1,1,1-Trichloroethane
Concen: 21.27 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Tgt Ion: 97 Resp: 42596
Ion Ratio Lower Upper
97 100
99 65.5 51.9 77.9
61 41.6 33.4 50.2



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: 54.47 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Instrument :

MSVOA_W

ClientSampleId :

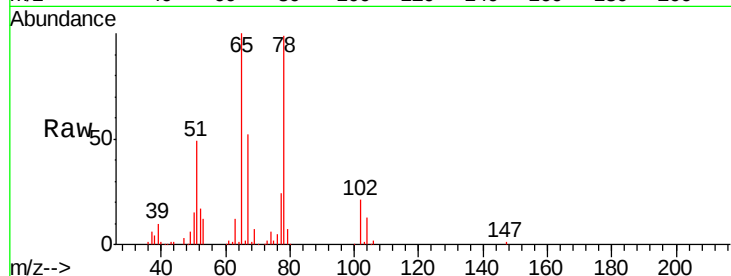
VW1122SBS01

Tgt Ion: 65 Resp: 62786

Ion Ratio Lower Upper

65 100

67 51.4 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

30000

25000

20000

15000

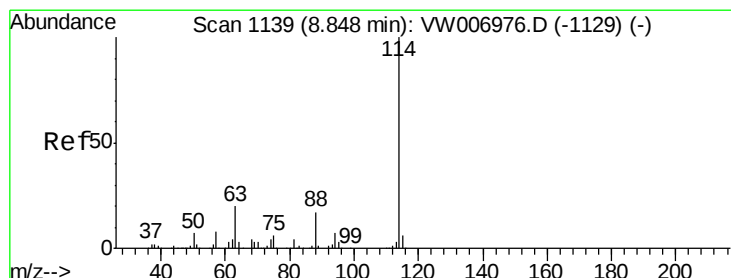
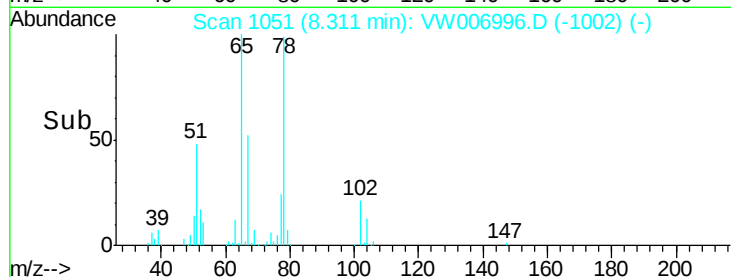
10000

5000

0

8.20 8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

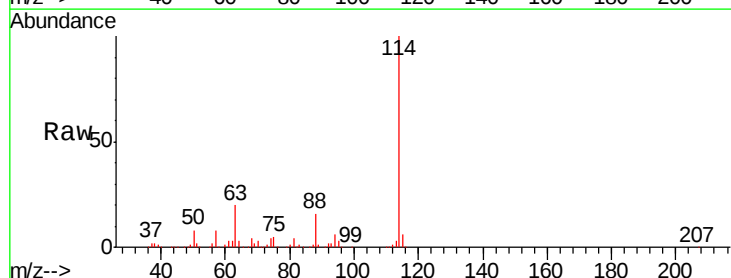
Tgt Ion: 114 Resp: 183735

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.4

88 16.3 0.0 34.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

120000

100000

80000

60000

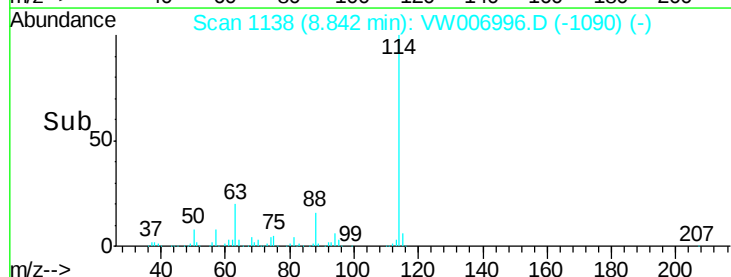
40000

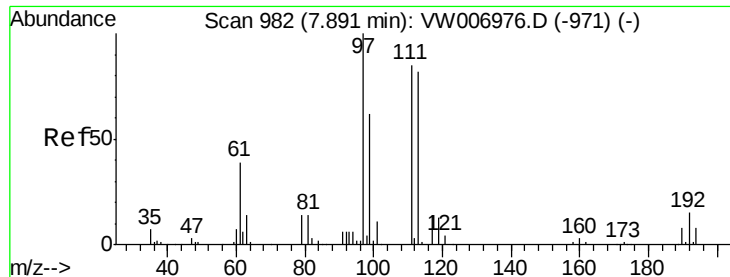
20000

0

8.80 8.90

Time-->

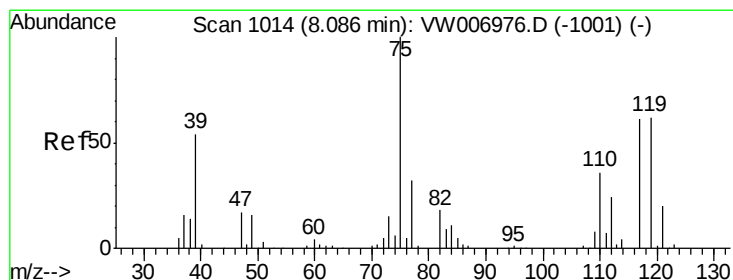
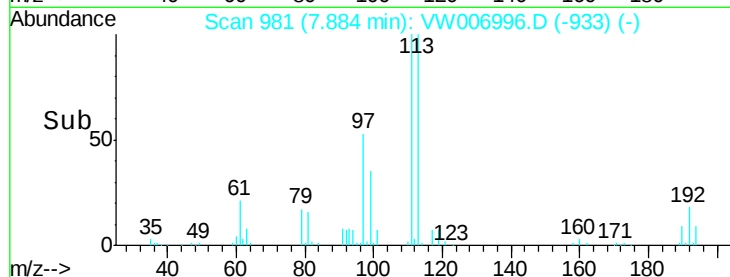
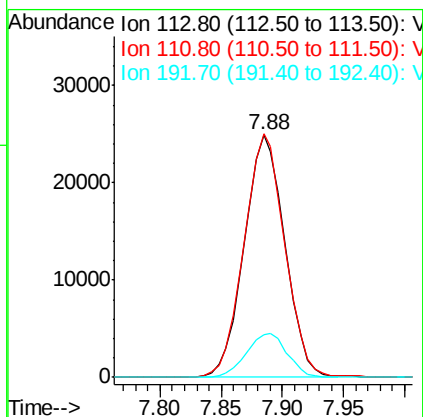
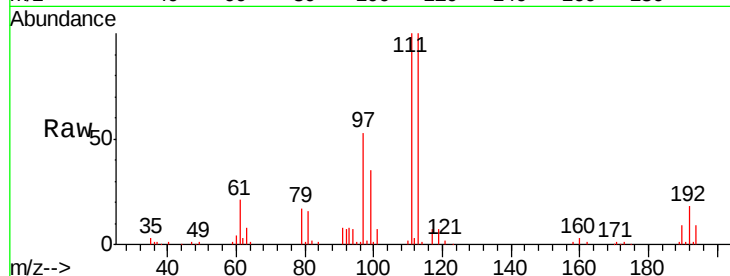




#35
 Dibromofluoromethane
 Concen: 55.38 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006996.D
 Acq: 21 Nov 2018 12:46

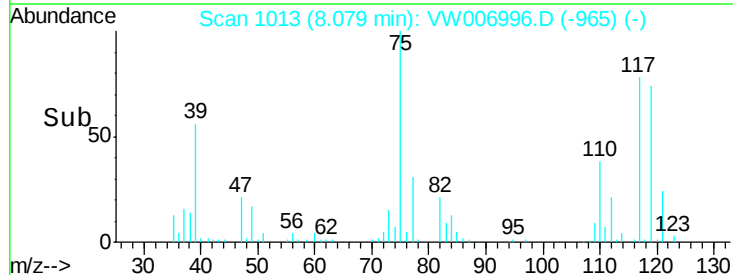
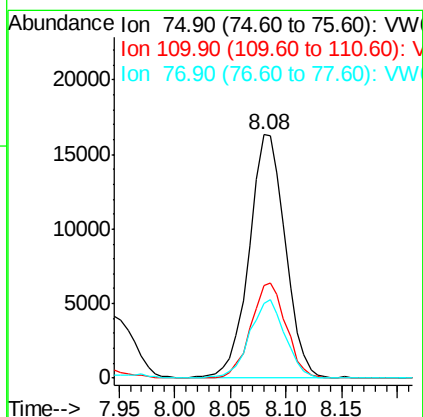
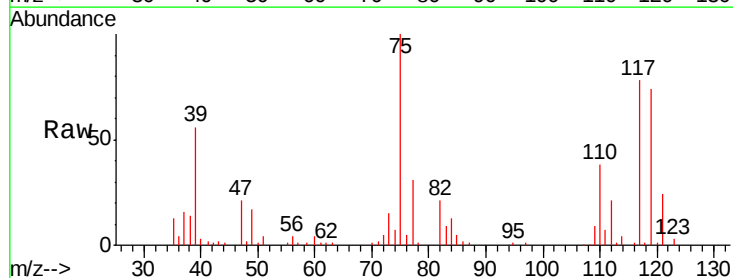
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

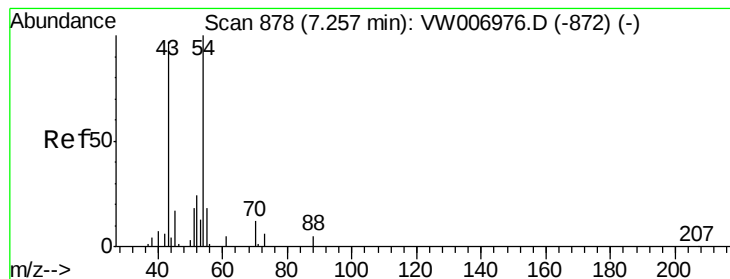
Tgt Ion: 113 Resp: 57460
 Ion Ratio Lower Upper
 113 100
 111 101.1 81.0 121.6
 192 18.2 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 20.62 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW006996.D
 Acq: 21 Nov 2018 12:46

Tgt Ion: 75 Resp: 37014
 Ion Ratio Lower Upper
 75 100
 110 37.7 18.0 54.0
 77 31.4 24.9 37.3





#37

Ethyl Acetate

Concen: 19.68 ug/l

RT: 7.26 min Scan# 878

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

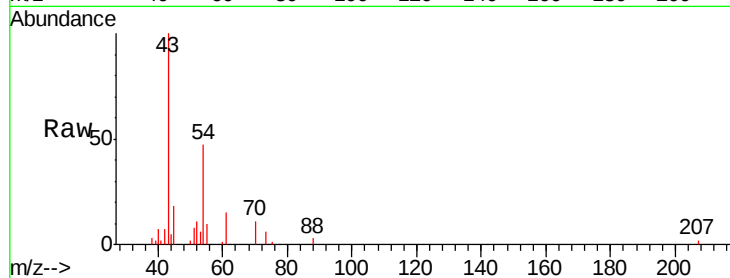
Tgt Ion: 43 Resp: 12802

Ion Ratio Lower Upper

43 100

61 13.3 10.4 15.6

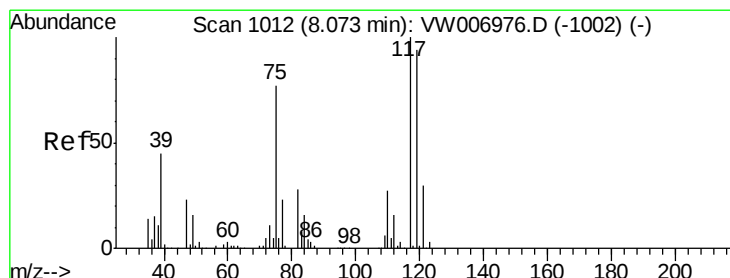
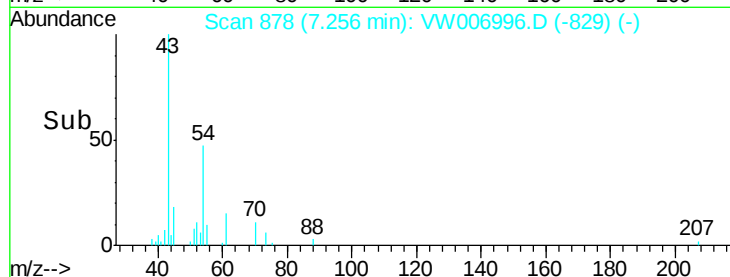
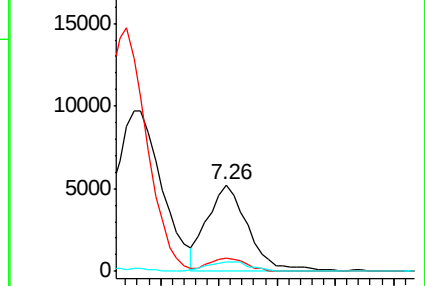
70 11.0 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 21.54 ug/l

RT: 8.07 min Scan# 1012

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

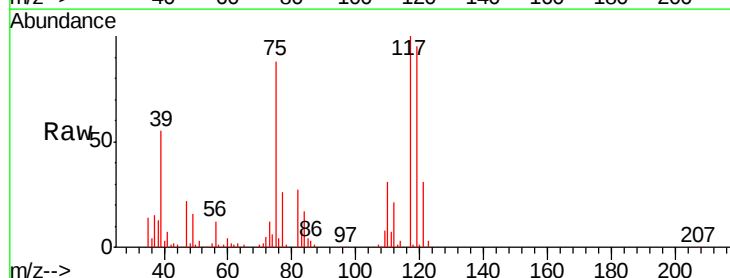
Tgt Ion: 117 Resp: 37036

Ion Ratio Lower Upper

117 100

119 94.7 74.9 112.3

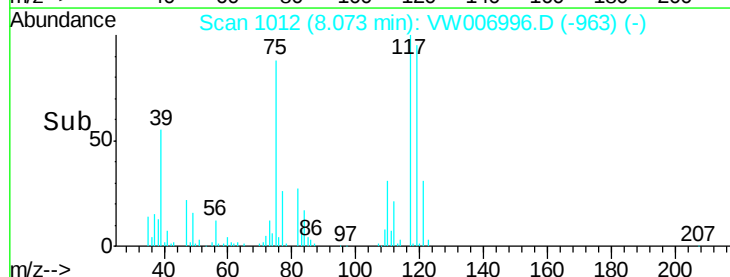
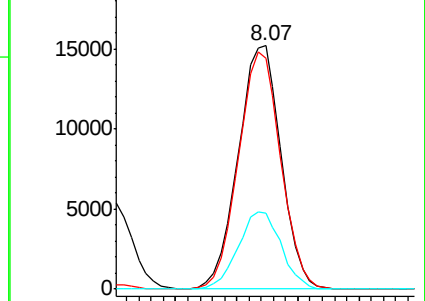
121 31.0 23.6 35.4

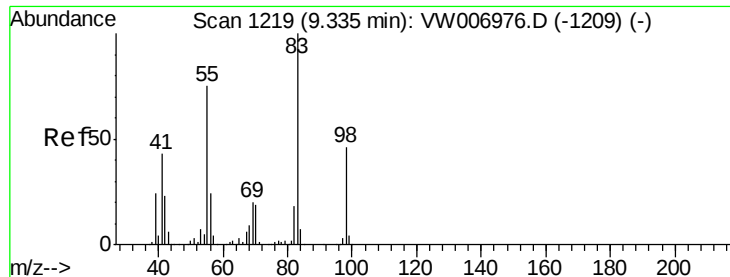


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

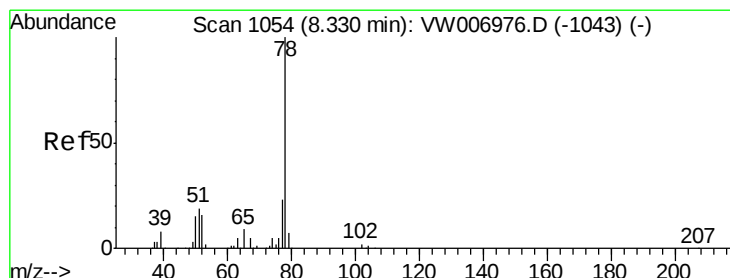
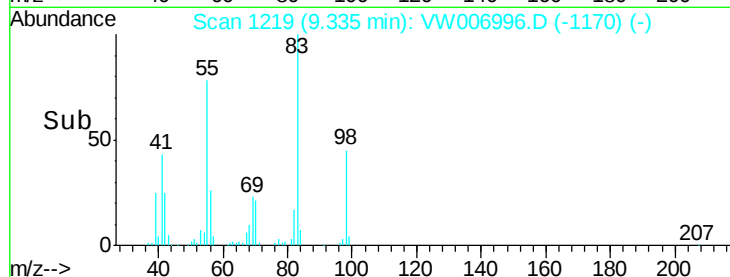
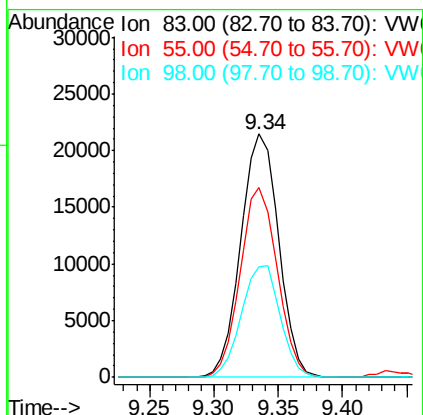
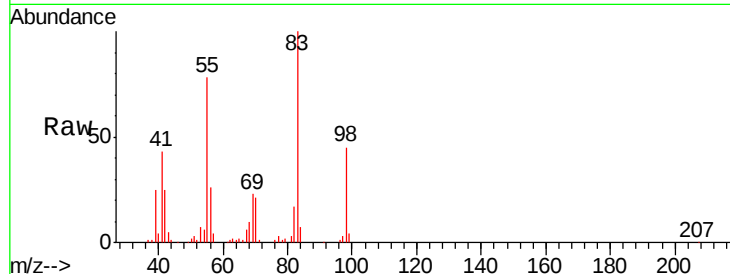




#39
Methylcyclohexane
Concen: 19.52 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

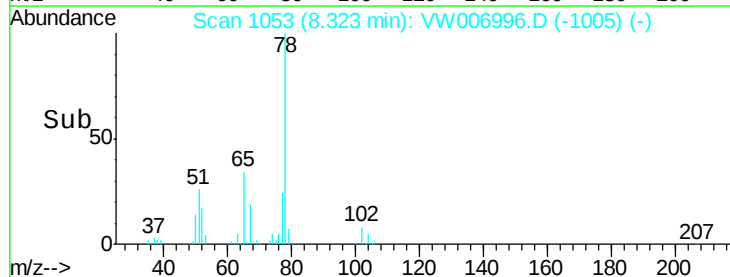
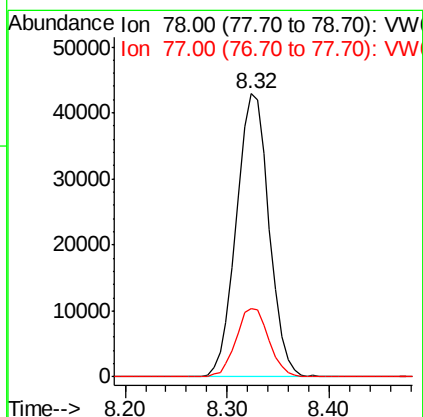
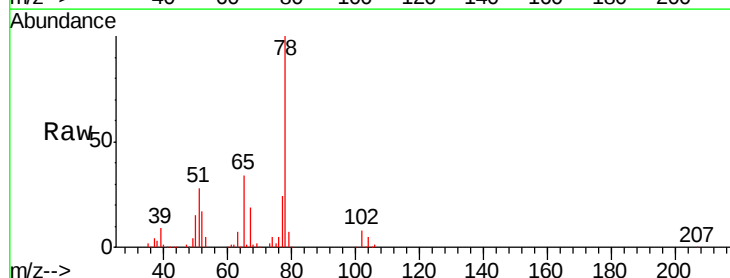
Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

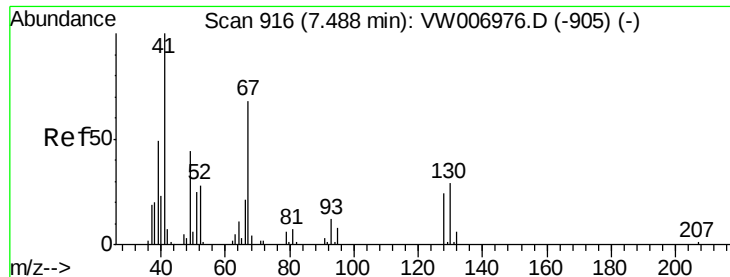
Tgt Ion: 83 Resp: 43849
Ion Ratio Lower Upper
83 100
55 77.8 59.6 89.4
98 45.5 37.1 55.7



#40
Benzene
Concen: 19.67 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Tgt Ion: 78 Resp: 95346
Ion Ratio Lower Upper
78 100
77 24.0 18.6 28.0

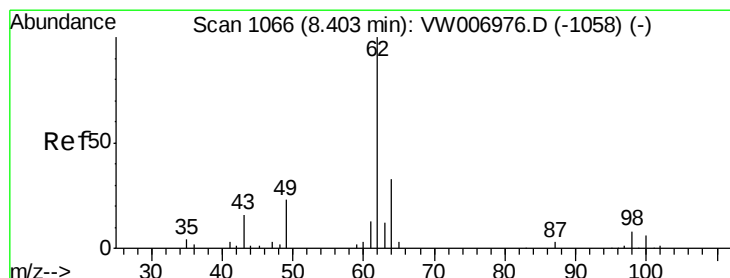
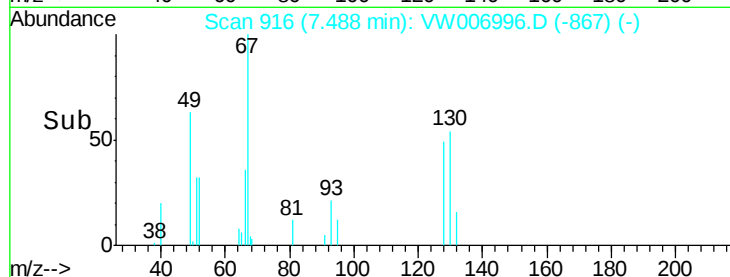
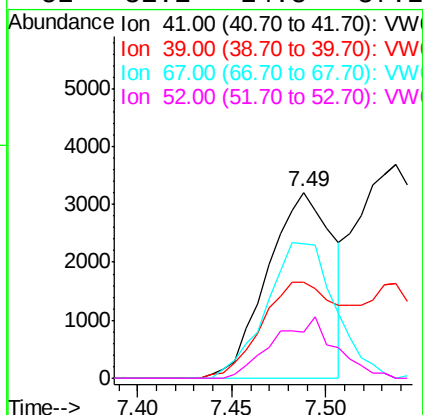
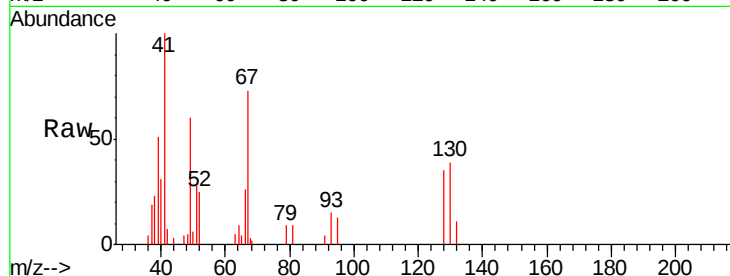




#41
Methacrylonitrile
Concen: 19.08 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

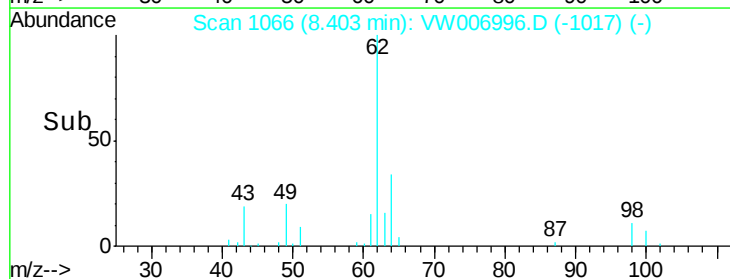
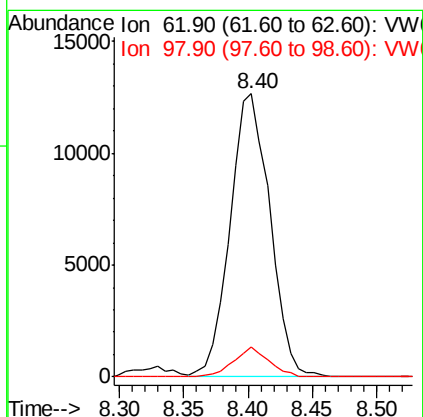
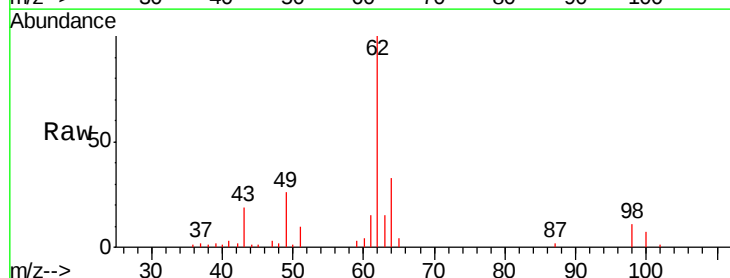
Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

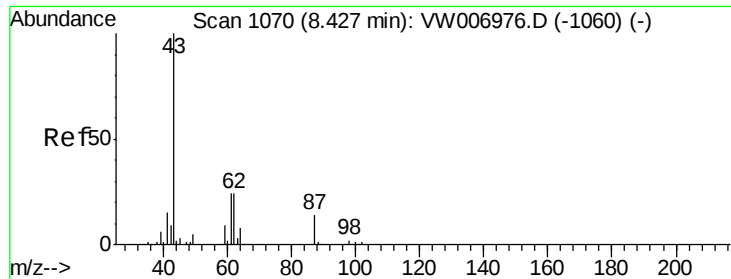
Tgt Ion:	41	Resp:	7709
Ion	Ratio	Lower	Upper
41	100		
39	61.8	48.6	73.0
67	76.7	59.8	89.8
52	31.1	24.8	37.2



#42
1,2-Dichloroethane
Concen: 19.35 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Tgt Ion:	62	Resp:	27230
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.6

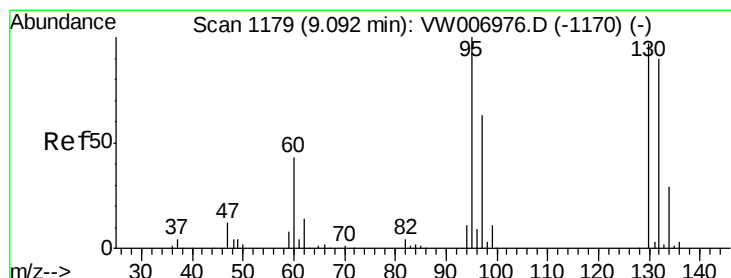
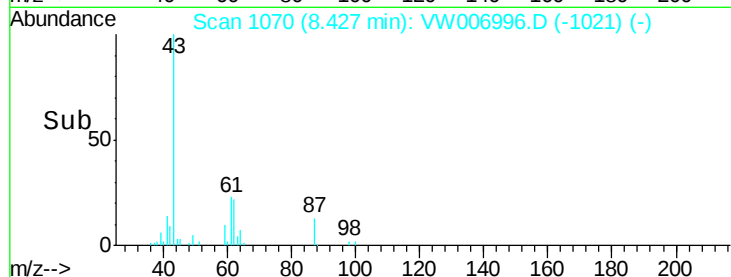
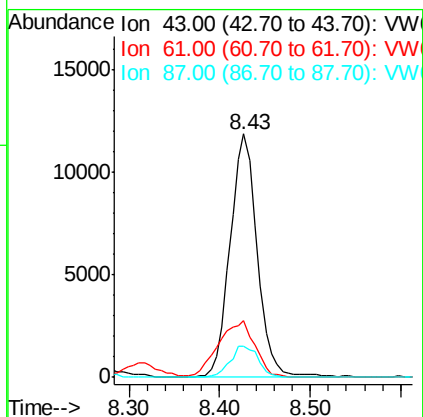
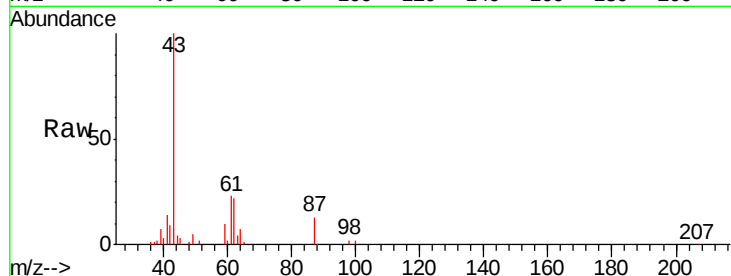




#43
Isopropyl Acetate
Concen: 19.93 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

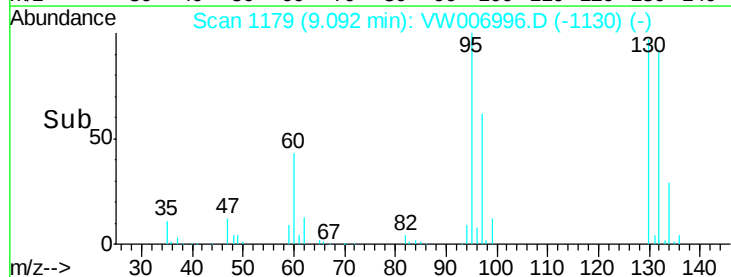
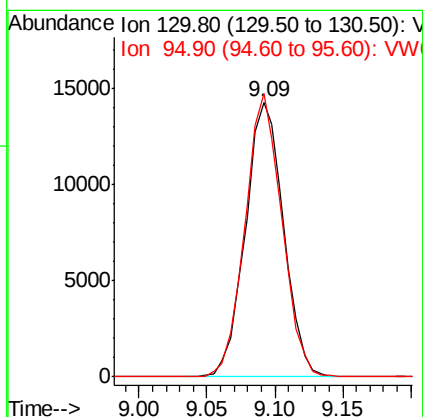
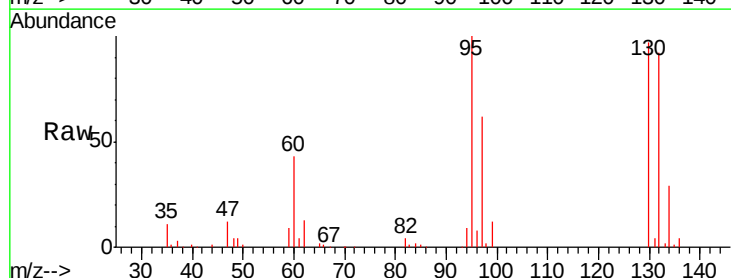
Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

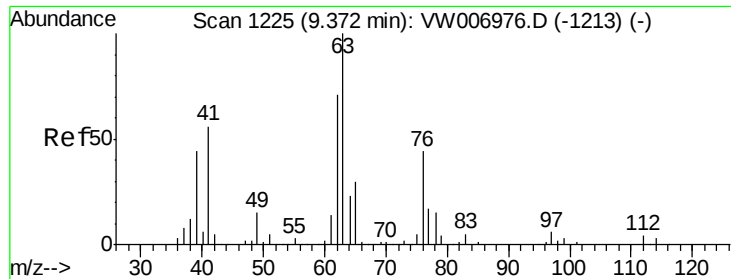
Tgt Ion: 43 Resp: 24705
Ion Ratio Lower Upper
43 100
61 31.2 26.1 39.1
87 13.2 11.2 16.8



#44
Trichloroethene
Concen: 20.68 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Tgt Ion: 130 Resp: 28097
Ion Ratio Lower Upper
130 100
95 103.1 0.0 206.4

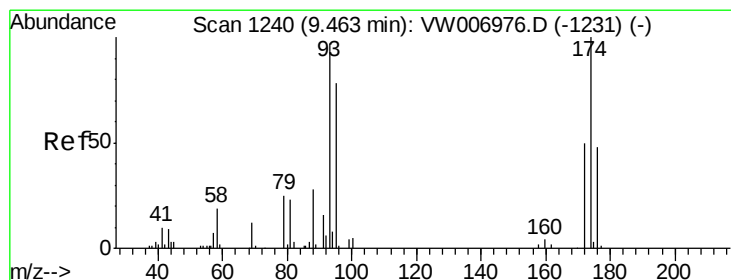
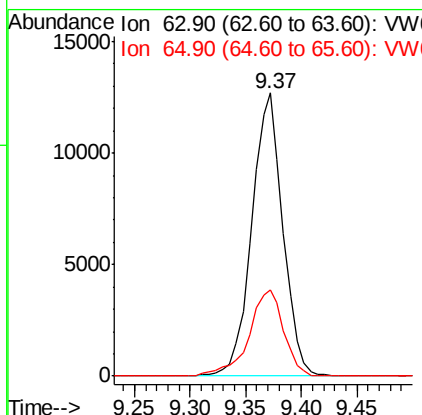
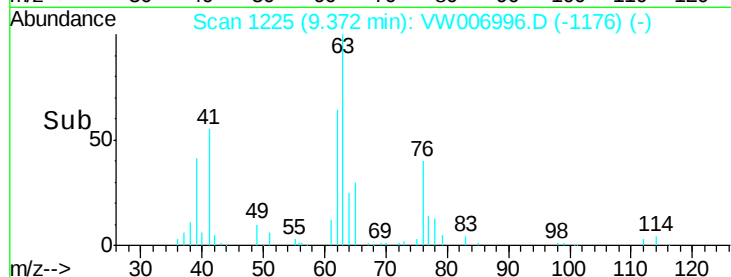
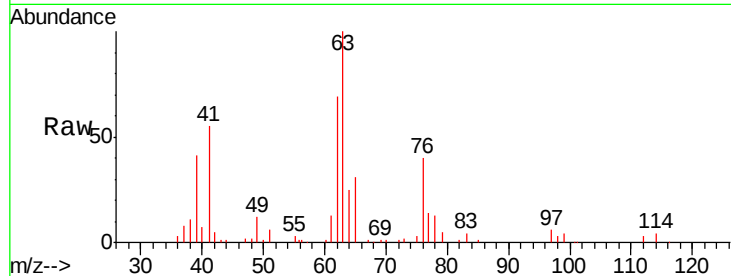




#45
 1,2-Dichloropropane
 Concen: 20.59 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006996.D
 Acq: 21 Nov 2018 12:46

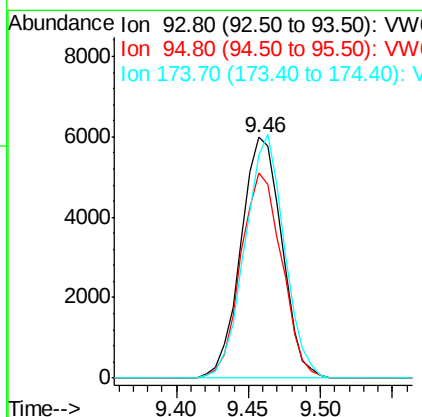
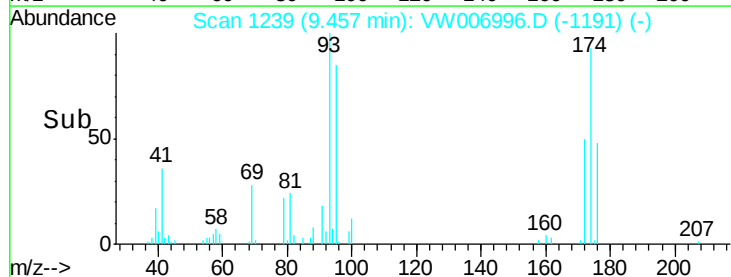
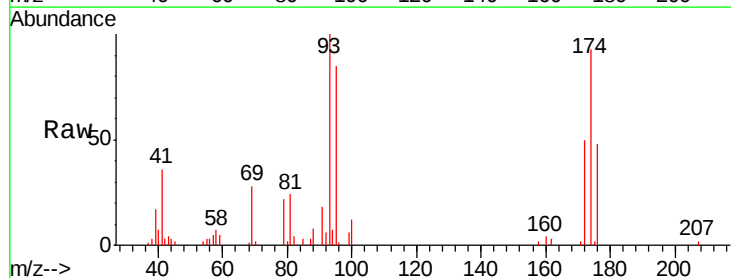
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

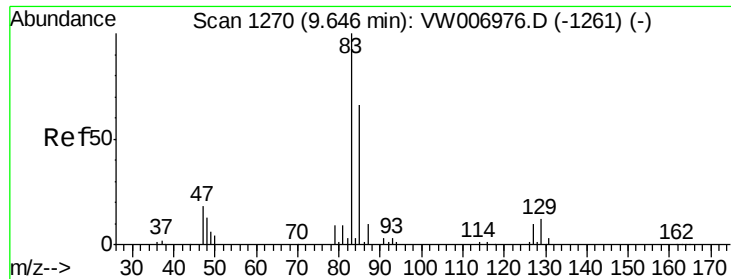
Tgt Ion: 63 Resp: 24594
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.4 36.6



#46
 Dibromomethane
 Concen: 19.69 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006996.D
 Acq: 21 Nov 2018 12:46

Tgt Ion: 93 Resp: 11778
 Ion Ratio Lower Upper
 93 100
 95 85.4 66.1 99.1
 174 97.0 79.7 119.5

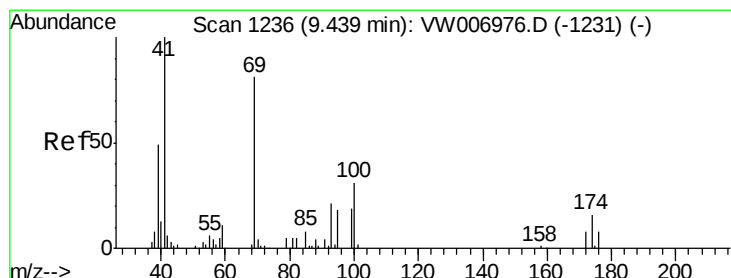
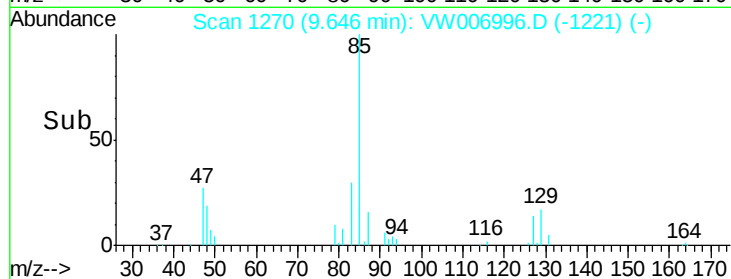
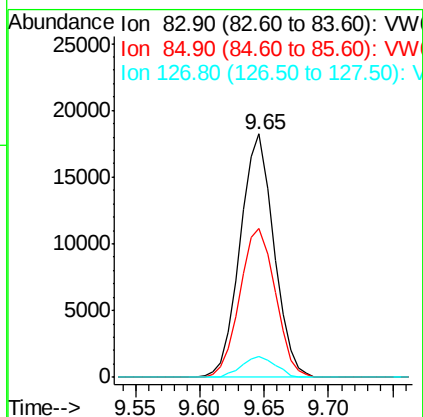
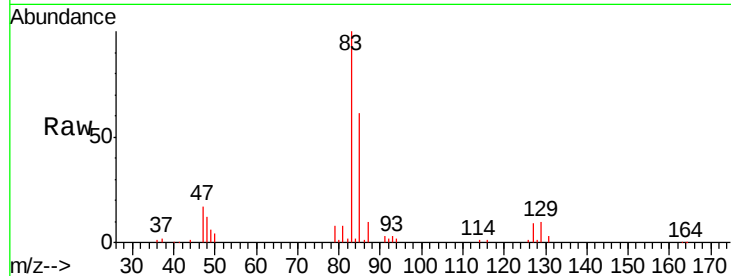




#47
Bromodichloromethane
Concen: 20.99 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

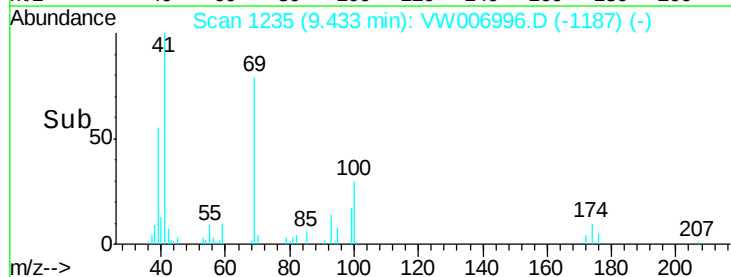
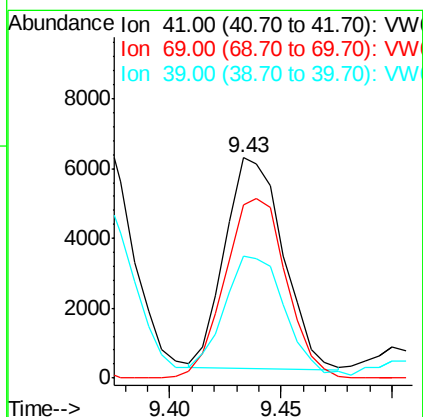
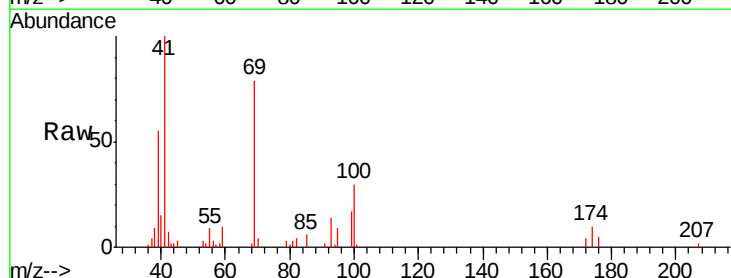
Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

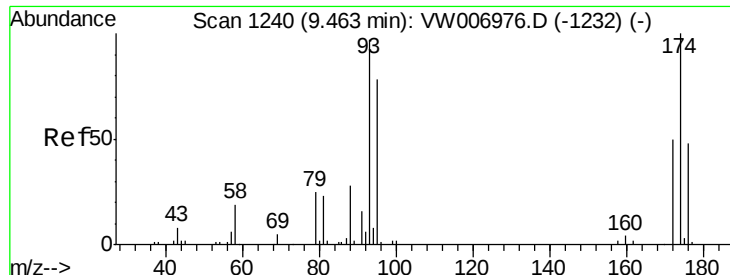
Tgt Ion: 83 Resp: 33088
Ion Ratio Lower Upper
83 100
85 61.1 52.9 79.3
127 8.7 7.8 11.6



#48
Methyl methacrylate
Concen: 18.33 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Tgt Ion: 41 Resp: 10956
Ion Ratio Lower Upper
41 100
69 90.1 71.4 107.0
39 59.3 44.8 67.2





#49

1,4-Dioxane

Concen: 364.13 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

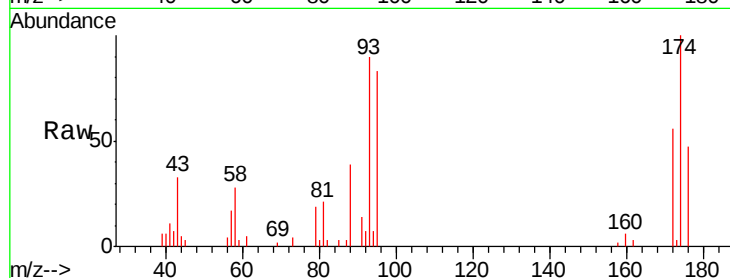
Tgt Ion: 88 Resp: 3238

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

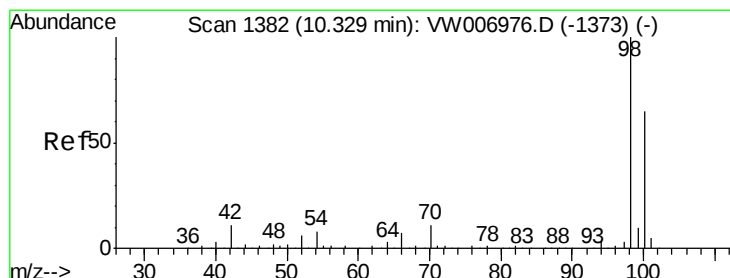
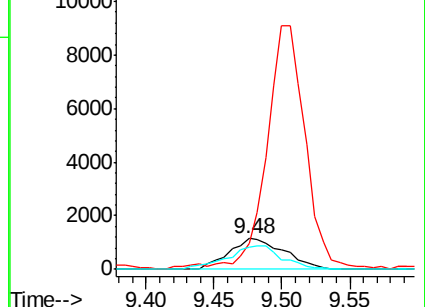
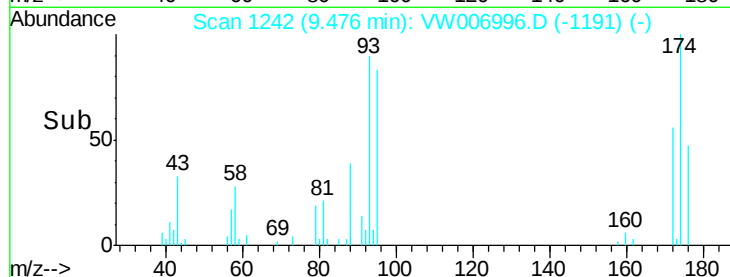
58 76.4 59.0 88.6



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: 55.34 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW006996.D

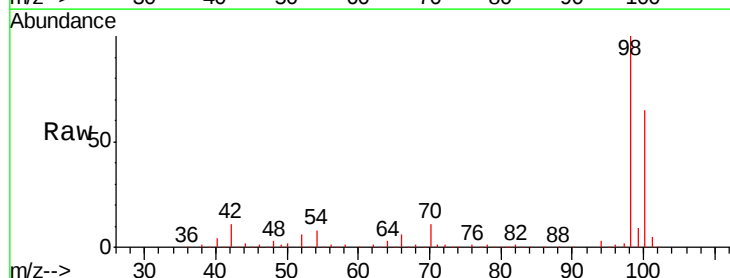
Acq: 21 Nov 2018 12:46

Tgt Ion: 98 Resp: 253573

Ion Ratio Lower Upper

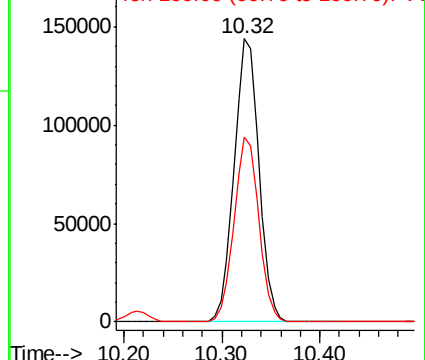
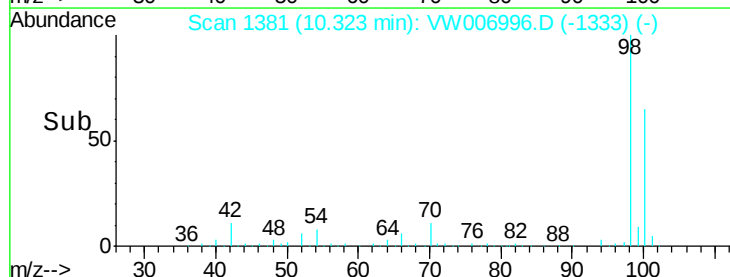
98 100

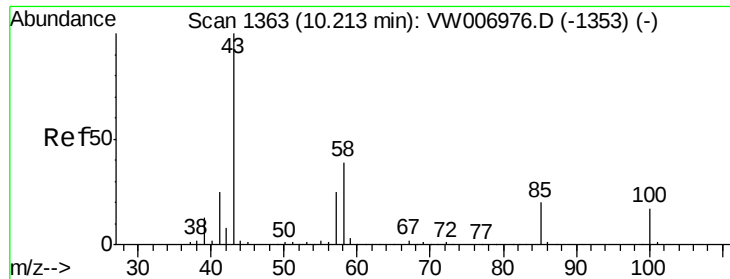
100 65.1 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

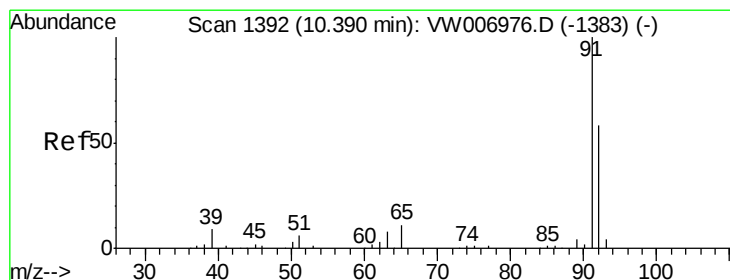
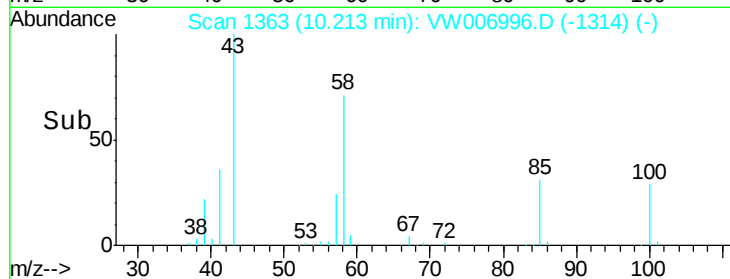
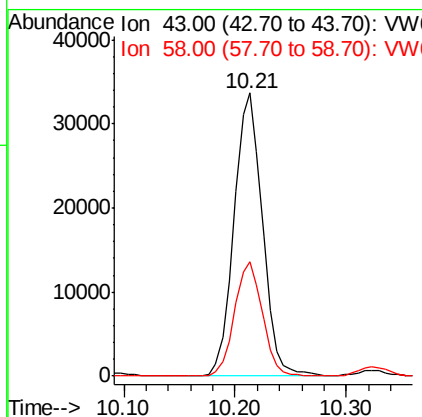
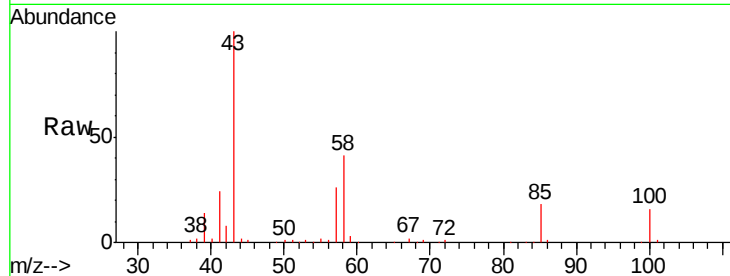




#51
 4-Methyl-2-Pentanone
 Concen: 94.80 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW006996.D
 Acq: 21 Nov 2018 12:46

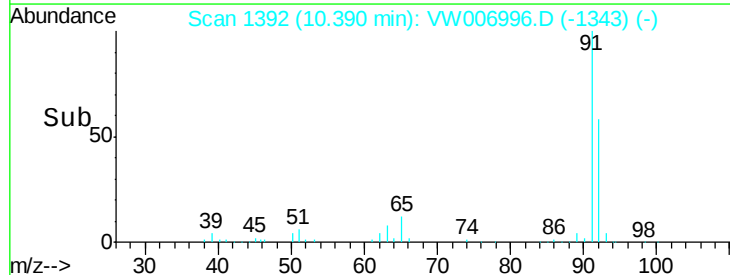
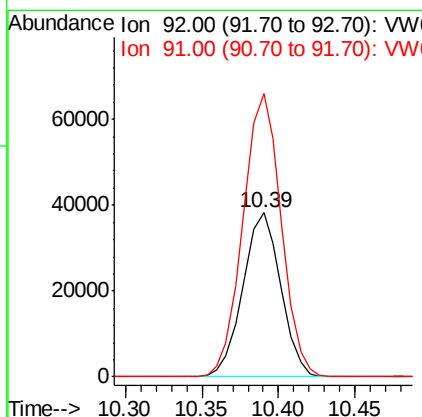
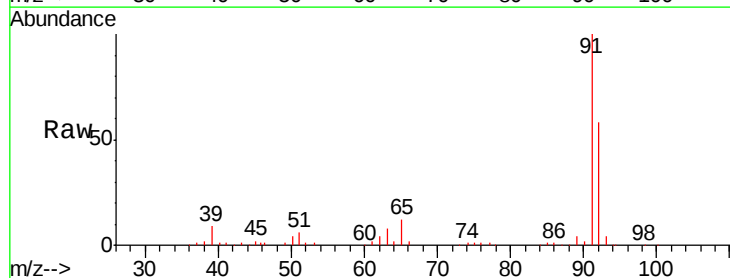
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

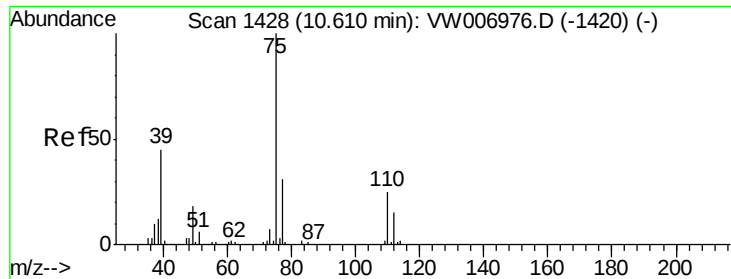
Tgt Ion: 43 Resp: 59398
 Ion Ratio Lower Upper
 43 100
 58 39.5 31.8 47.6



#52
 Toluene
 Concen: 19.94 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW006996.D
 Acq: 21 Nov 2018 12:46

Tgt Ion: 92 Resp: 65759
 Ion Ratio Lower Upper
 92 100
 91 174.0 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 19.98 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Instrument :

MSVOA_W

ClientSampleId :

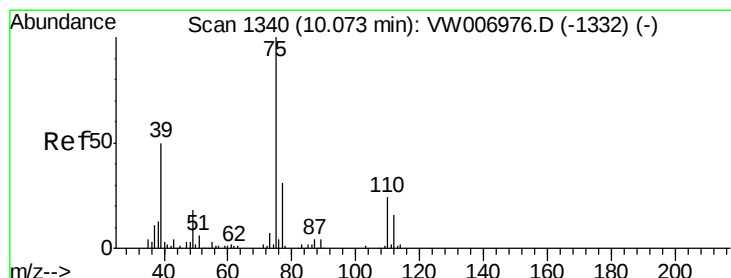
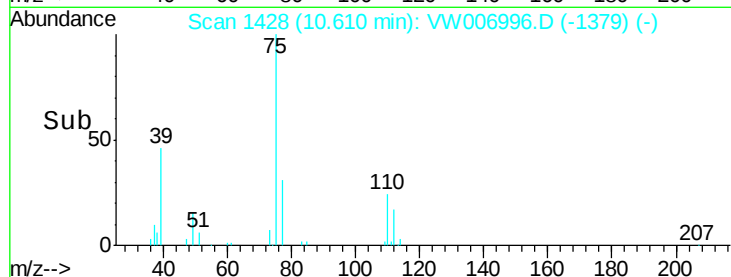
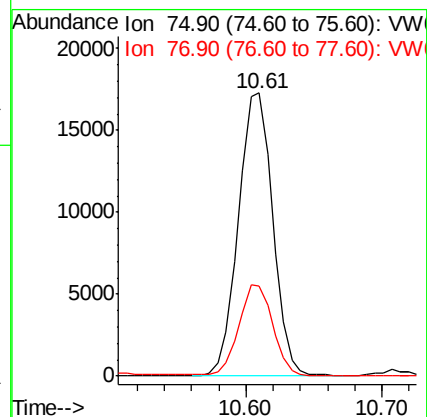
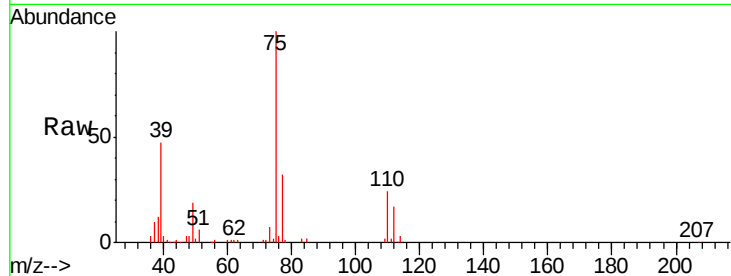
VW1122SBS01

Tgt Ion: 75 Resp: 30516

Ion Ratio Lower Upper

75 100

77 32.0 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 20.03 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

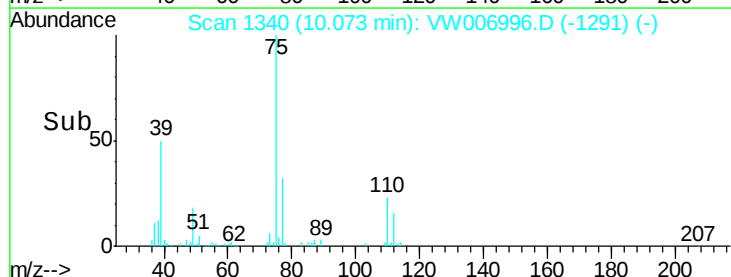
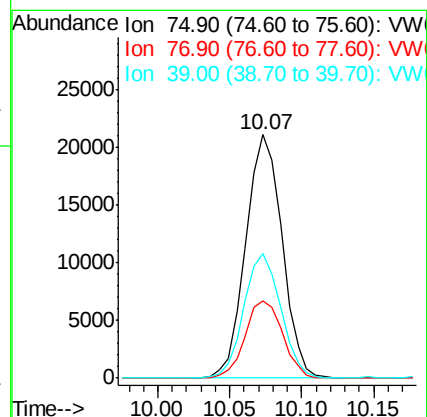
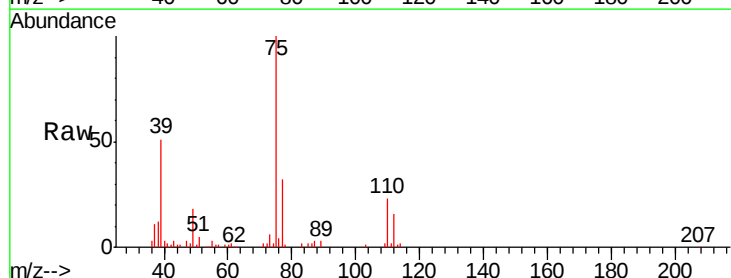
Tgt Ion: 75 Resp: 36951

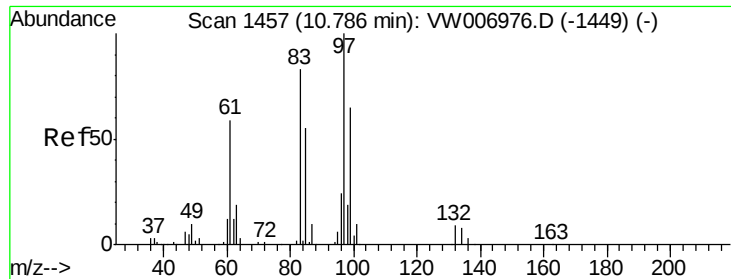
Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.6

39 51.0 39.9 59.9

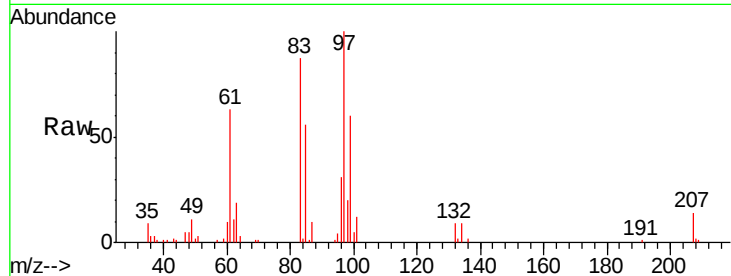




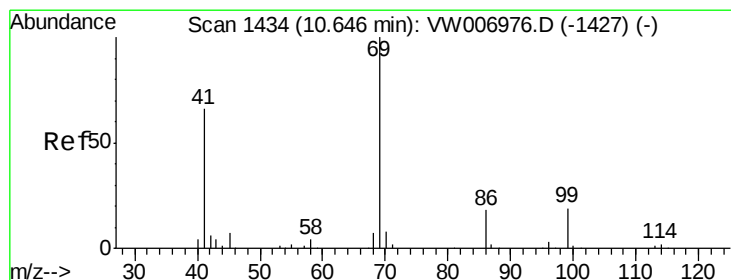
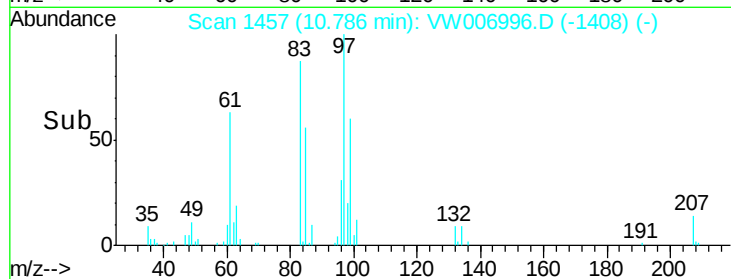
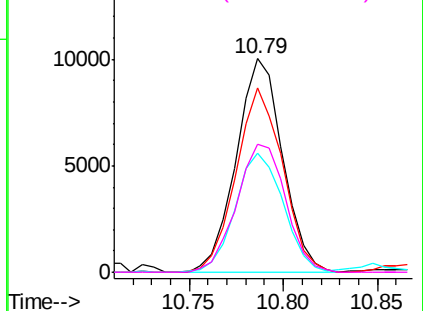
#55
 1,1,2-Trichloroethane
 Concen: 19.47 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW006996.D
 Acq: 21 Nov 2018 12:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

Tgt Ion:	97	Resp:	17137
Ion	Ratio	Lower	Upper
97	100		
83	86.6	66.4	99.6
85	54.8	44.1	66.1
99	59.7	51.7	77.5

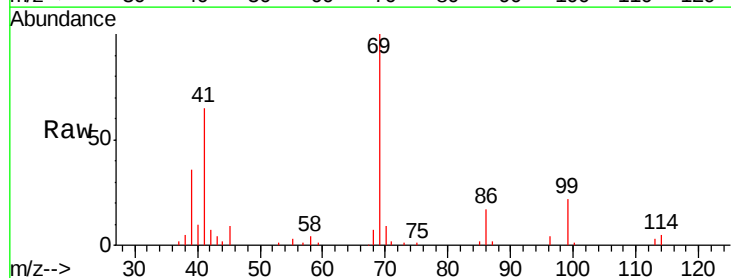


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

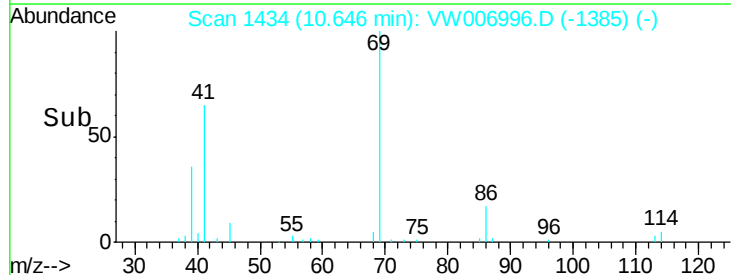
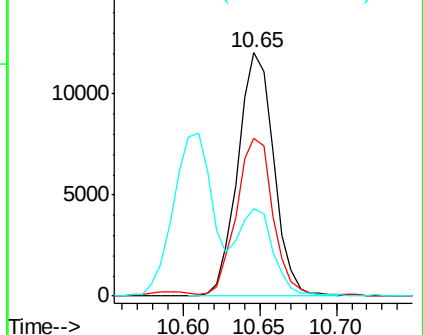


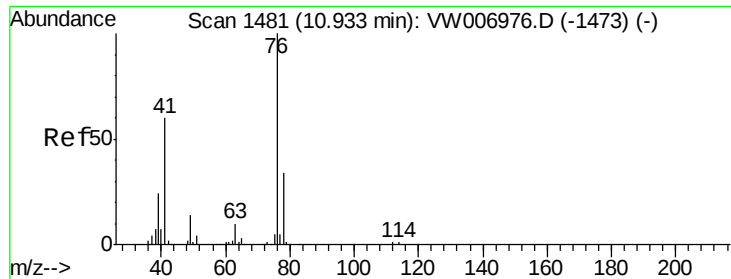
#56
 Ethyl methacrylate
 Concen: 19.28 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW006996.D
 Acq: 21 Nov 2018 12:46

Tgt Ion:	69	Resp:	19695
Ion	Ratio	Lower	Upper
69	100		
41	66.9	53.4	80.0
39	35.7	28.2	42.4



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

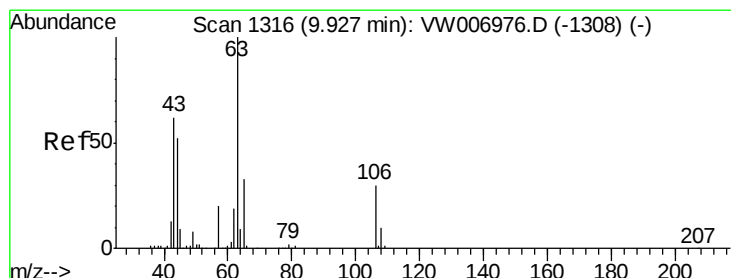
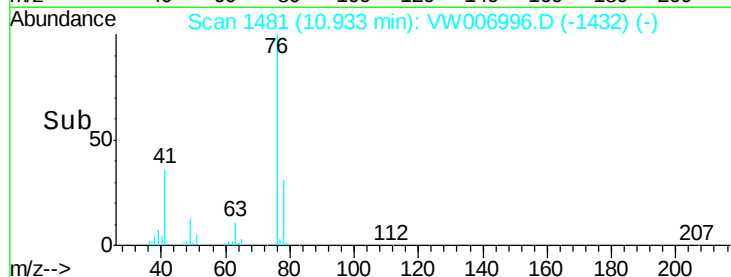
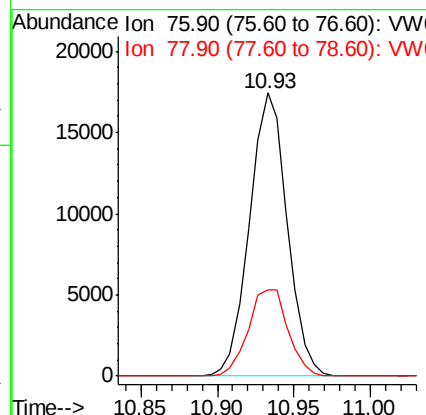
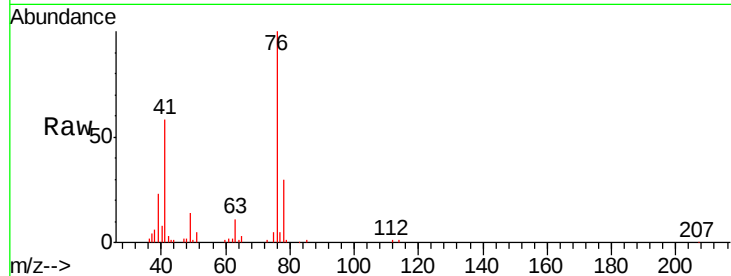




#57
 1,3-Dichloropropane
 Concen: 20.20 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW006996.D
 Acq: 21 Nov 2018 12:46

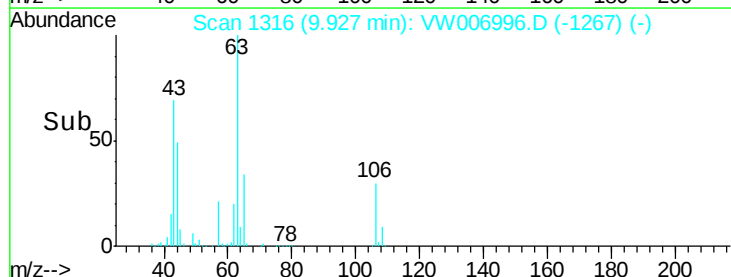
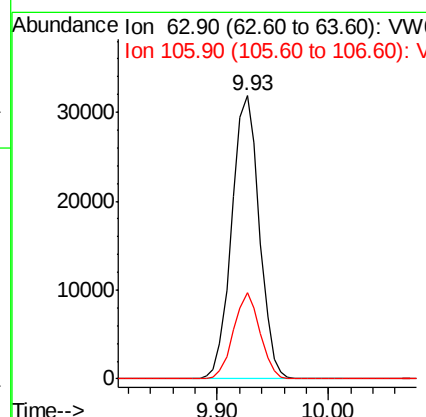
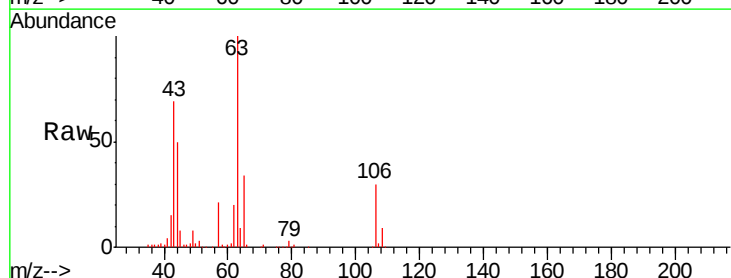
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

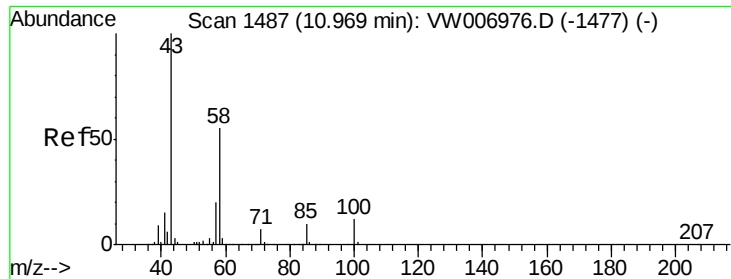
Tgt Ion: 76 Resp: 29795
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.37 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006996.D
 Acq: 21 Nov 2018 12:46

Tgt Ion: 63 Resp: 54661
 Ion Ratio Lower Upper
 63 100
 106 29.2 23.5 35.3





#59

2-Hexanone

Concen: 97.06 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Instrument :

MSVOA_W

ClientSampleId :

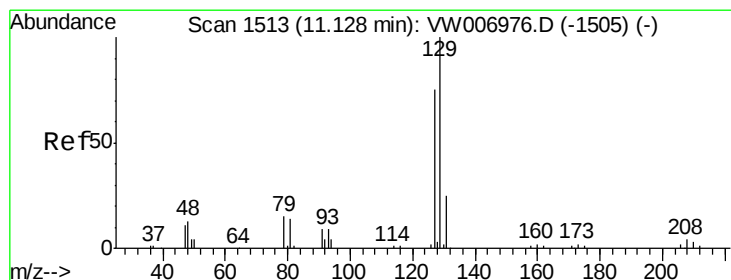
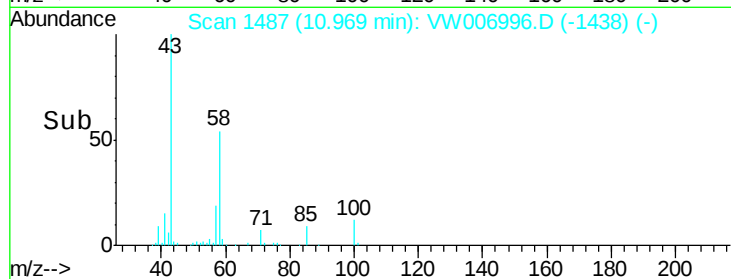
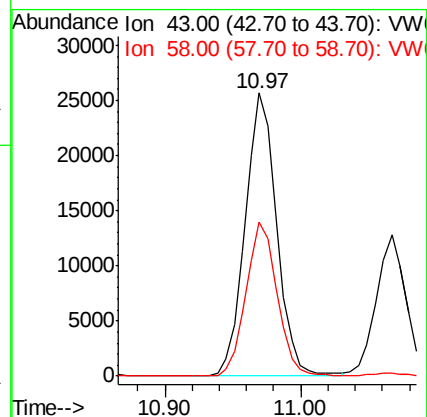
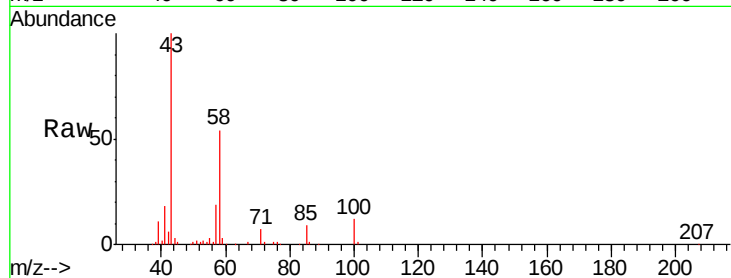
VW1122SBS01

Tgt Ion: 43 Resp: 41647

Ion Ratio Lower Upper

43 100

58 53.8 27.3 81.8



#60

Dibromochloromethane

Concen: 19.98 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW006996.D

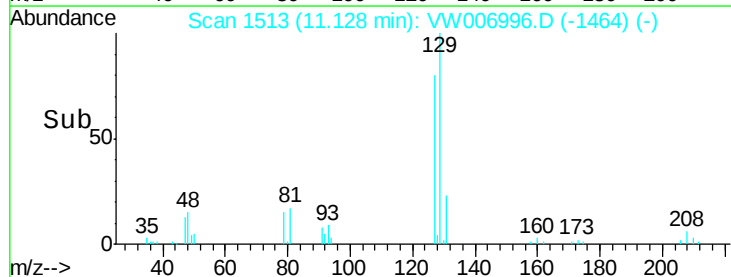
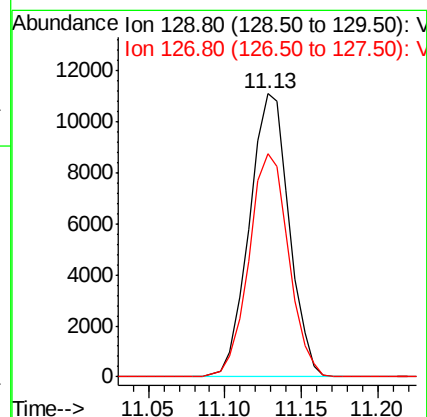
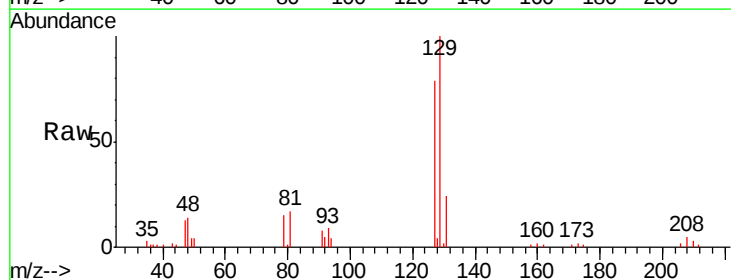
Acq: 21 Nov 2018 12:46

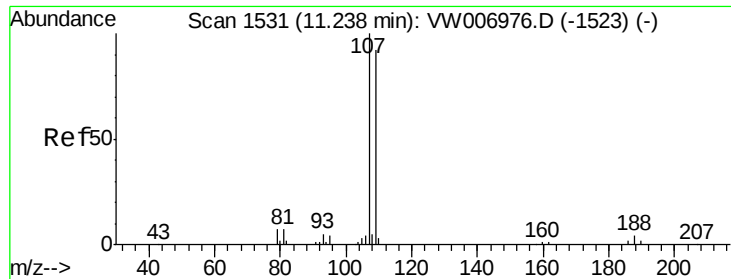
Tgt Ion: 129 Resp: 20036

Ion Ratio Lower Upper

129 100

127 78.7 38.3 114.8

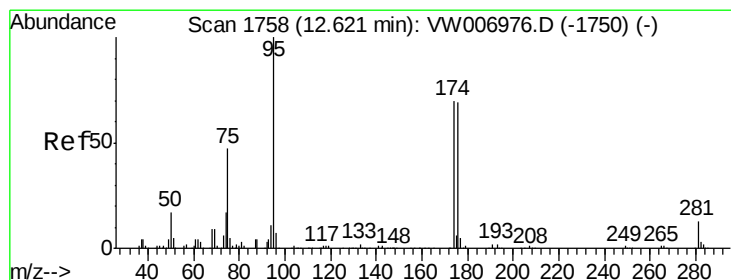
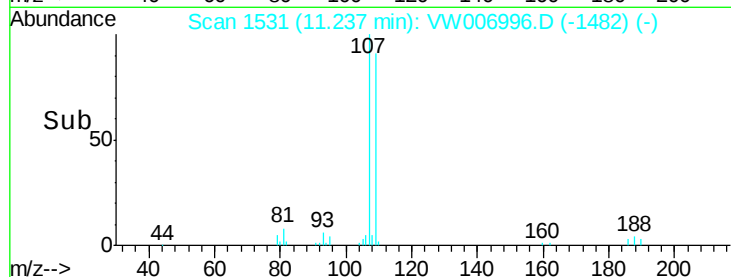
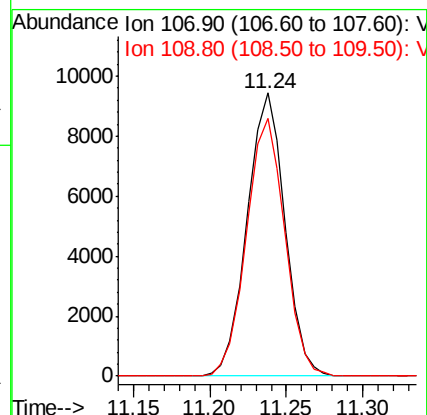
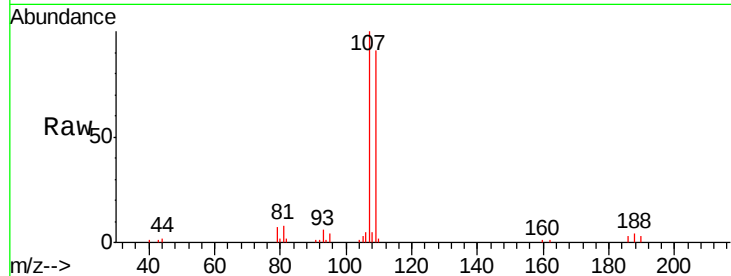




#61
 1,2-Dibromoethane
 Concen: 20.10 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006996.D
 Acq: 21 Nov 2018 12:46

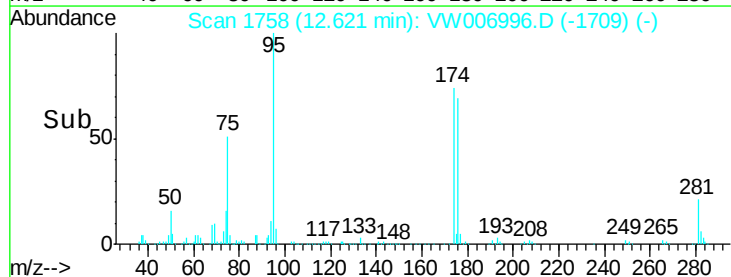
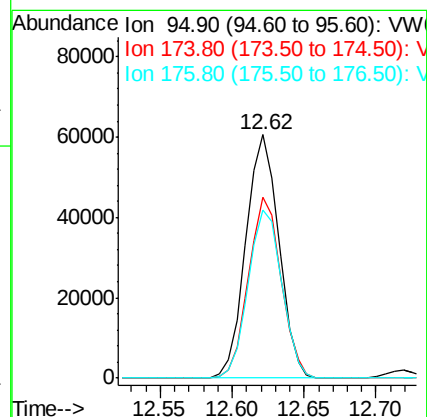
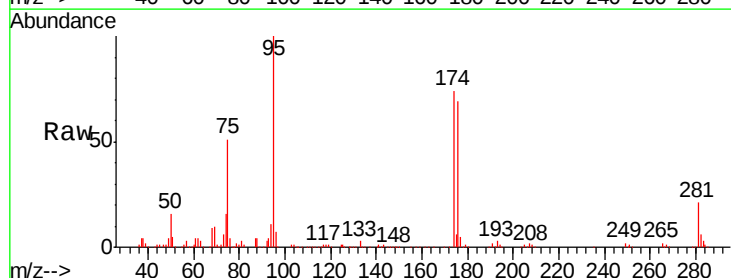
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

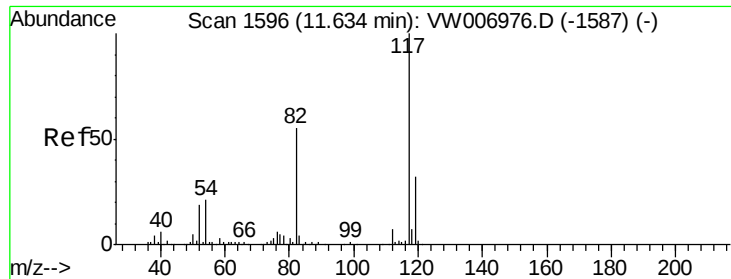
Tgt Ion: 107 Resp: 16187
 Ion Ratio Lower Upper
 107 100
 109 92.3 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 53.36 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006996.D
 Acq: 21 Nov 2018 12:46

Tgt Ion: 95 Resp: 96219
 Ion Ratio Lower Upper
 95 100
 174 73.3 0.0 143.6
 176 70.4 0.0 140.4

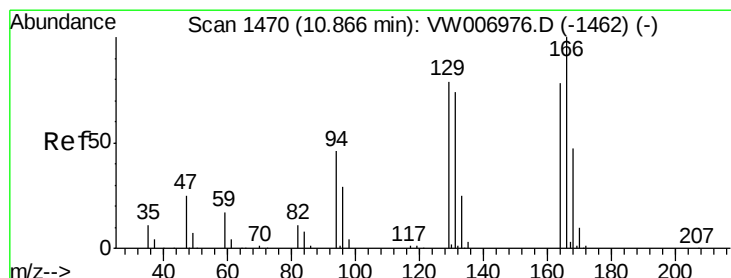
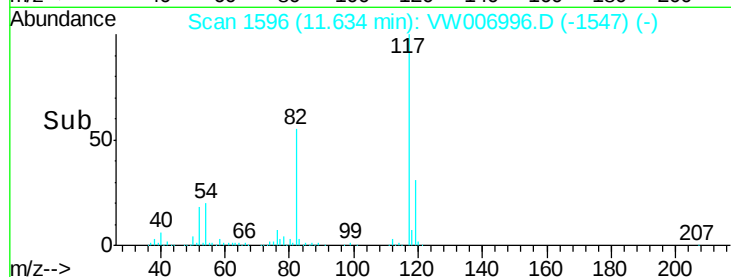
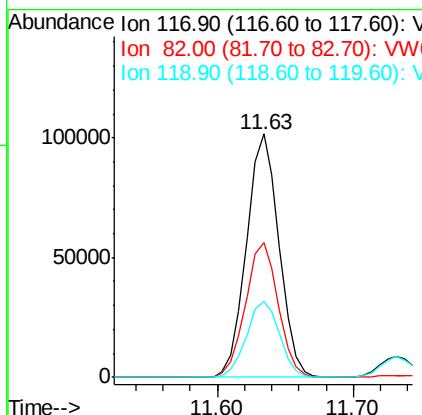
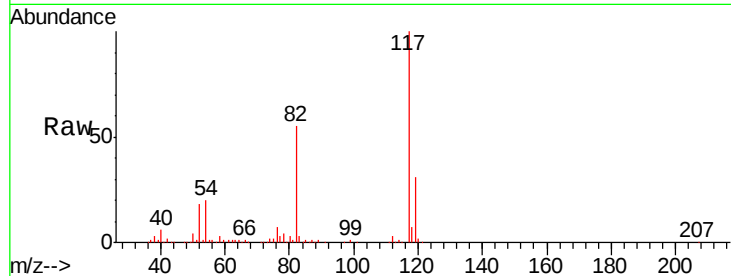




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

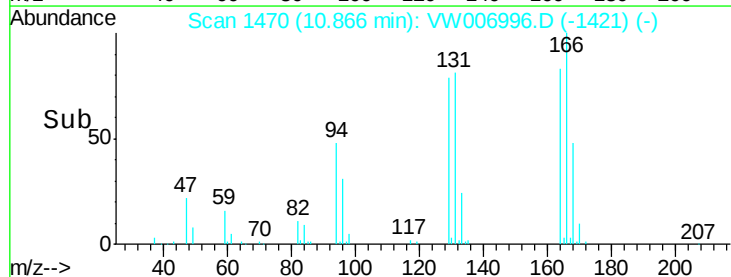
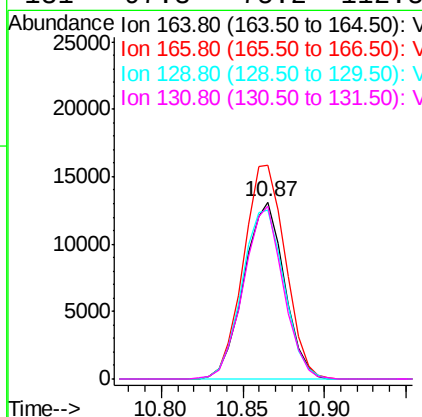
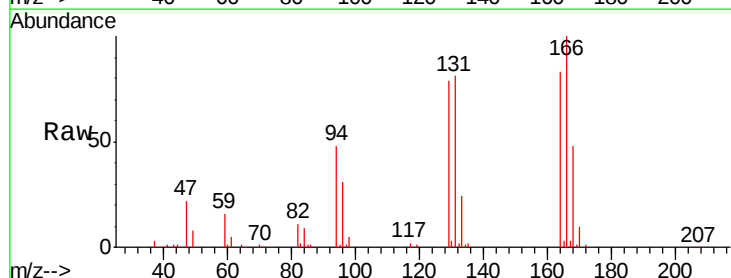
Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

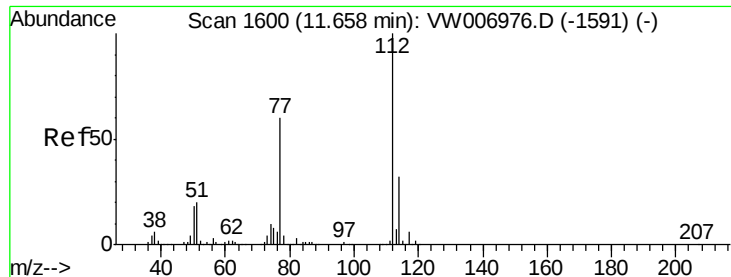
Tgt Ion:117 Resp: 169944
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 31.4 25.9 38.9



#64
Tetrachloroethene
Concen: 20.64 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Tgt Ion:164 Resp: 22561
Ion Ratio Lower Upper
164 100
166 120.7 102.1 153.1
129 95.4 80.4 120.6
131 97.3 75.2 112.8

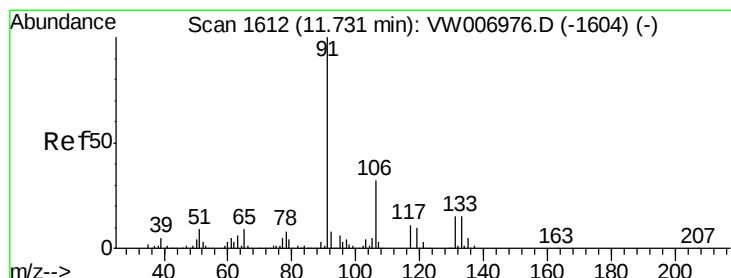
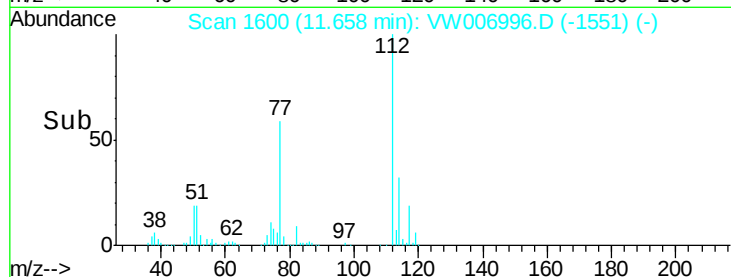
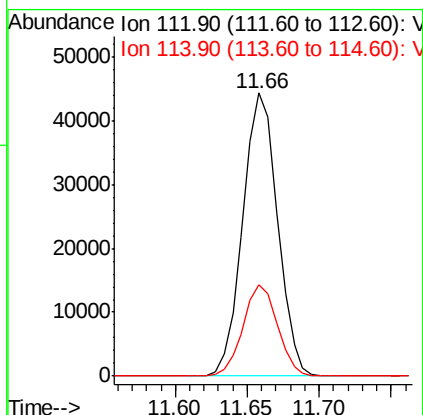
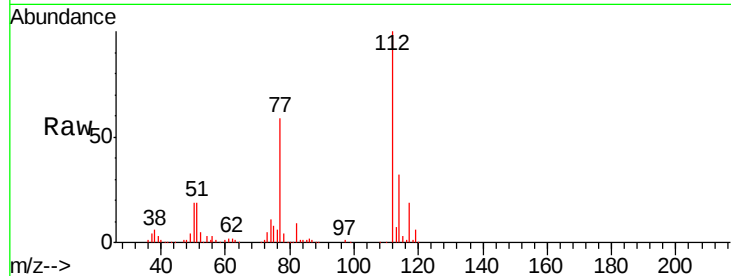




#65
Chlorobenzene
Concen: 20.87 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

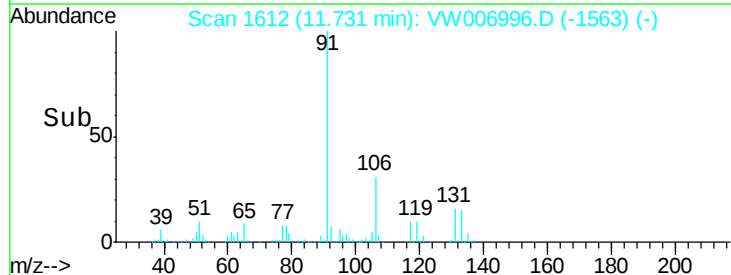
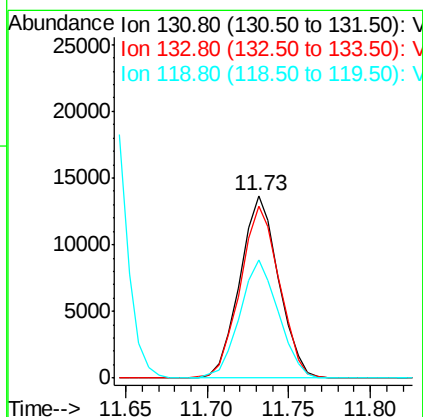
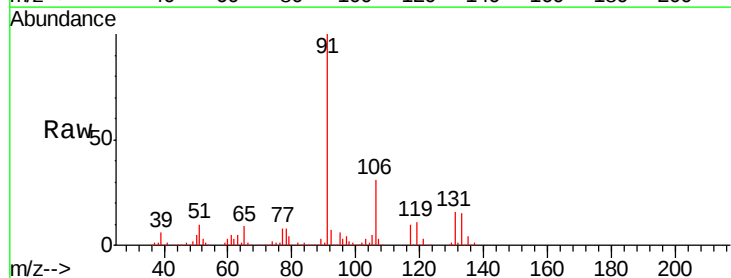
Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

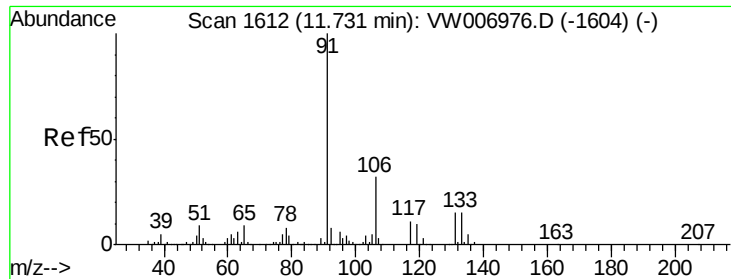
Tgt Ion:112 Resp: 74012
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 21.06 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Tgt Ion:131 Resp: 22595
Ion Ratio Lower Upper
131 100
133 95.2 47.7 143.1
119 64.4 31.8 95.3

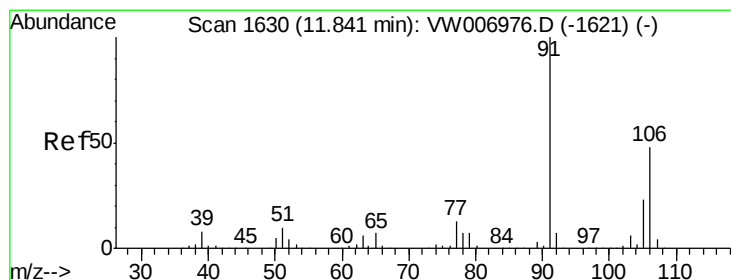
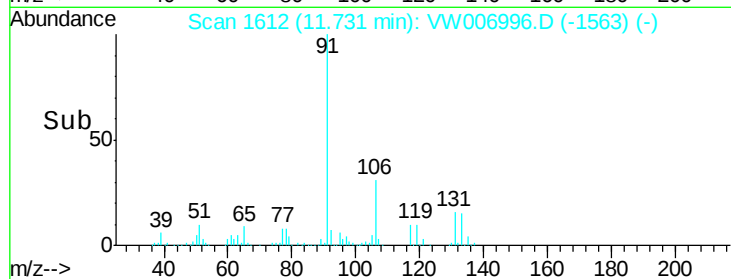
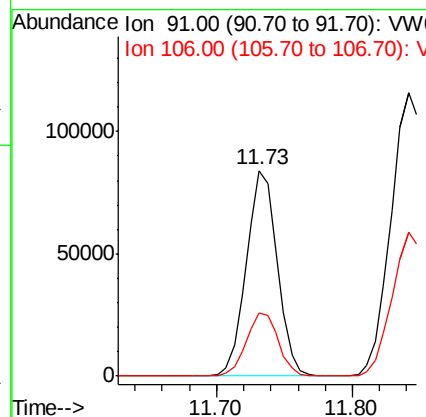
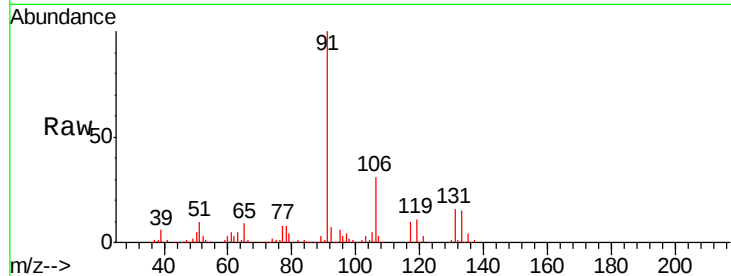




#67
Ethyl Benzene
Concen: 20.53 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

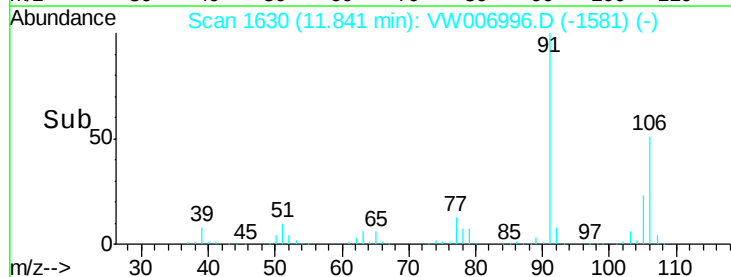
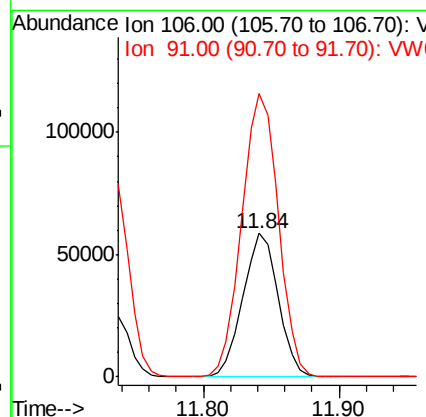
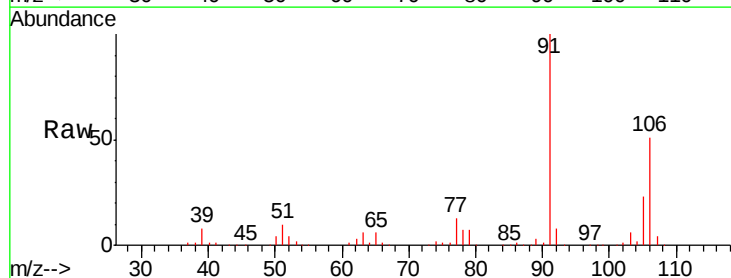
Instrument :
MSVOA_W
ClientSampled :
VW1122SBS01

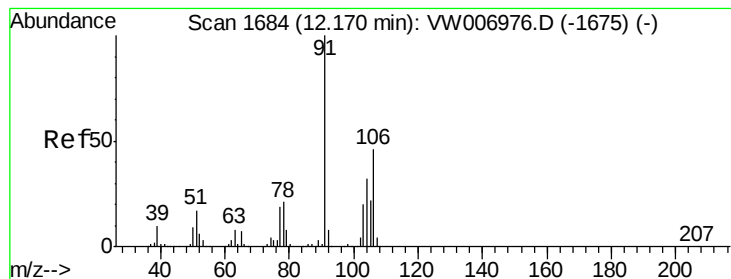
Tgt Ion: 91 Resp: 133755
Ion Ratio Lower Upper
91 100
106 30.5 25.4 38.2



#68
m/p-Xylenes
Concen: 41.63 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Tgt Ion: 106 Resp: 106426
Ion Ratio Lower Upper
106 100
91 204.9 164.8 247.2





#69

o-Xylene

Concen: 20.47 ug/l

RT: 12.17 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Instrument :

MSVOA_W

ClientSampleId :

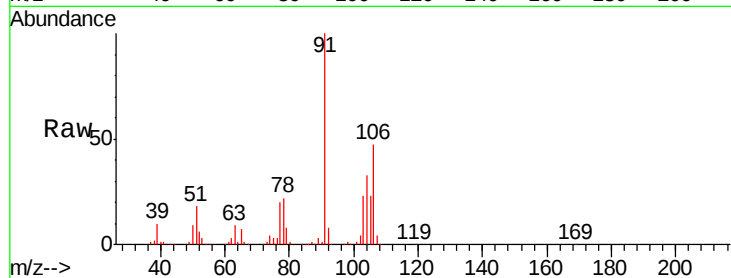
VW1122SBS01

Tgt Ion:106 Resp: 49349

Ion Ratio Lower Upper

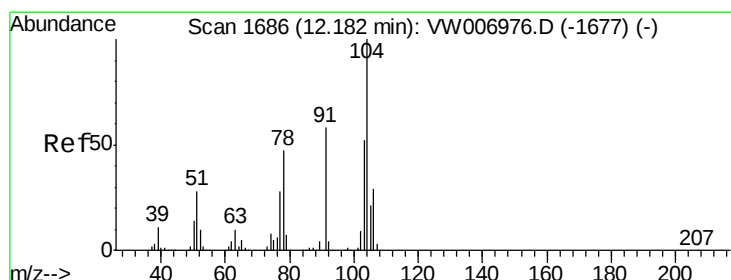
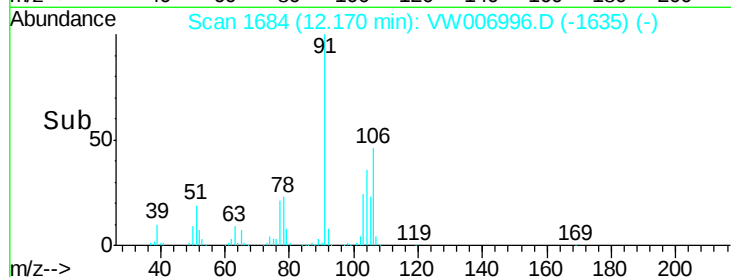
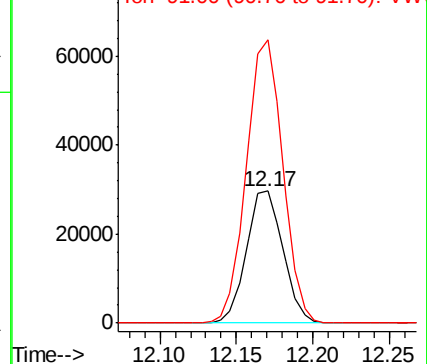
106 100

91 214.0 107.9 323.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#70

Styrene

Concen: 20.81 ug/l

RT: 12.18 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

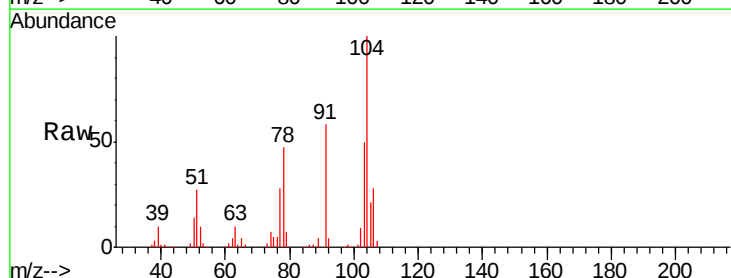
Tgt Ion:104 Resp: 79824

Ion Ratio Lower Upper

104 100

78 51.4 41.8 62.8

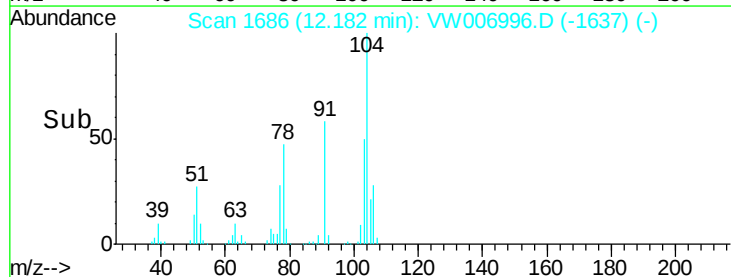
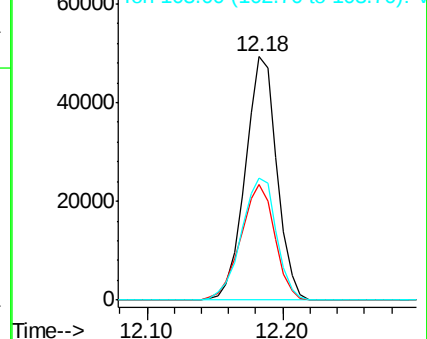
103 55.8 44.4 66.6

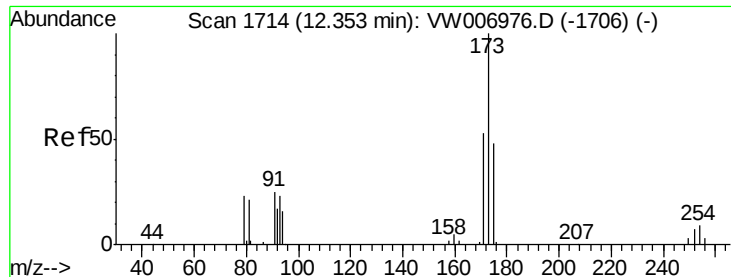


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 20.16 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

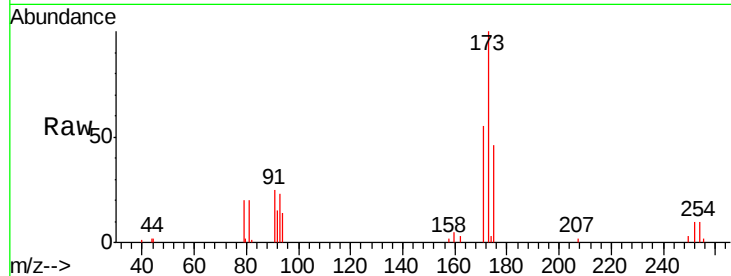
Tgt Ion:173 Resp: 10190

Ion Ratio Lower Upper

173 100

175 48.5 24.0 72.0

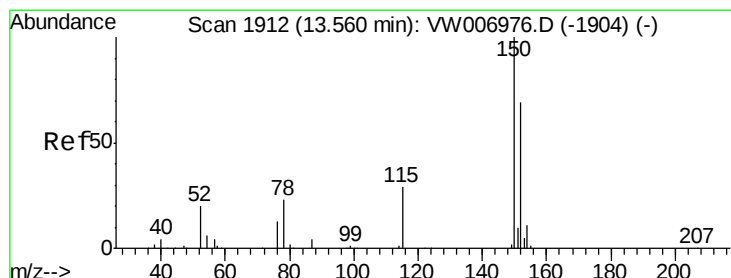
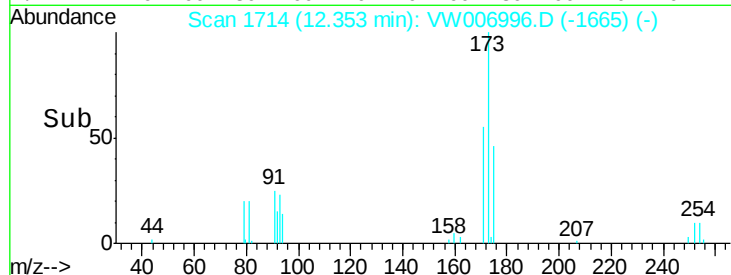
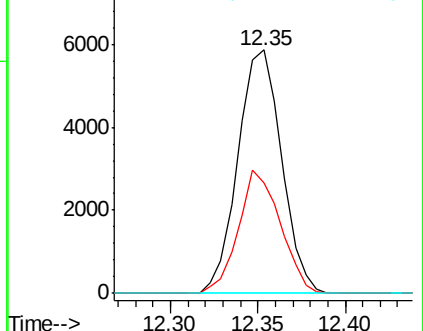
254 0.0 0.0 0.0



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: 50.00 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

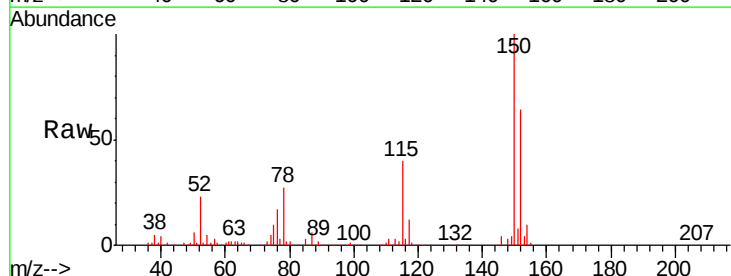
Tgt Ion:152 Resp: 84413

Ion Ratio Lower Upper

152 100

115 62.0 31.4 94.2

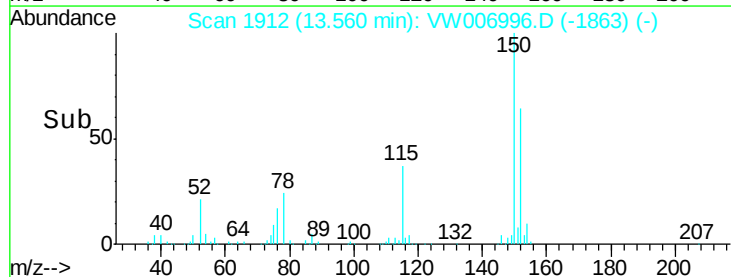
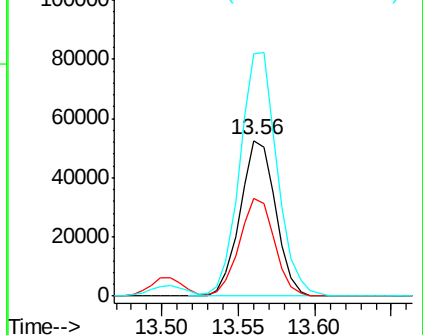
150 164.6 0.0 353.4

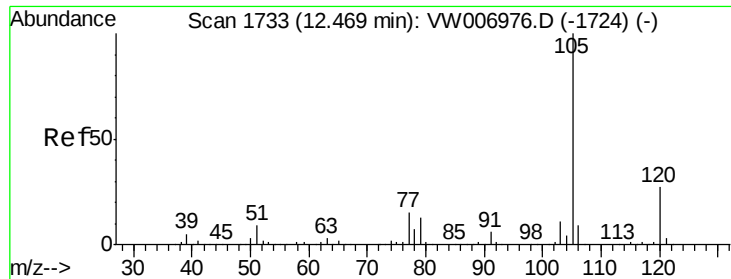


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.07 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Instrument :

MSVOA_W

ClientSampleId :

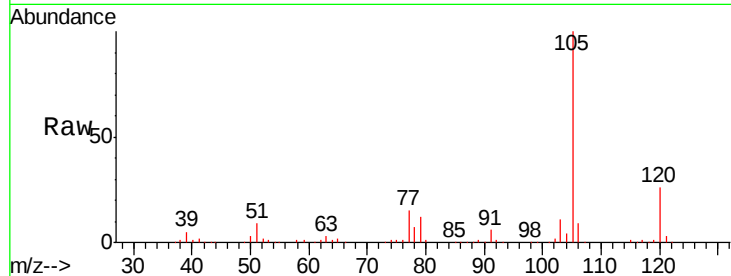
VW1122SBS01

Tgt Ion: 105 Resp: 138256

Ion Ratio Lower Upper

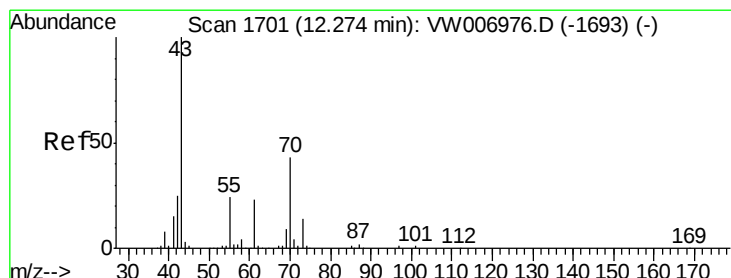
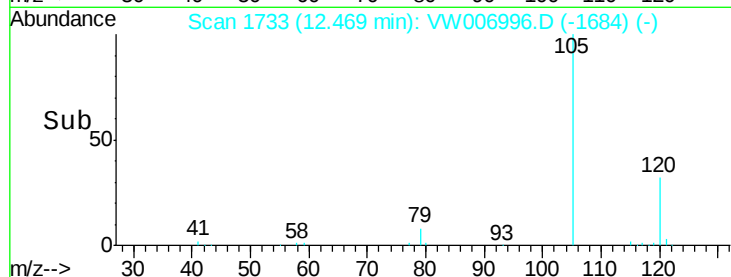
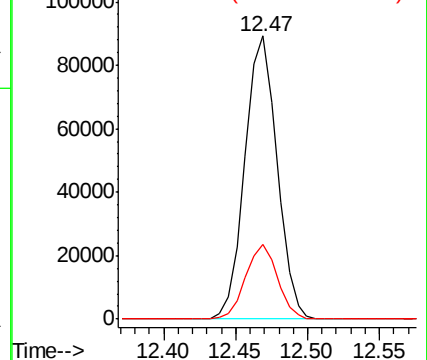
105 100

120 26.2 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.91 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Tgt Ion: 43 Resp: 21890

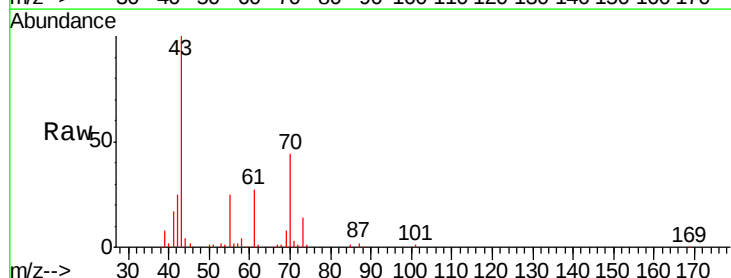
Ion Ratio Lower Upper

43 100

70 43.4 34.0 51.0

55 25.0 19.4 29.0

61 24.9 19.4 29.2

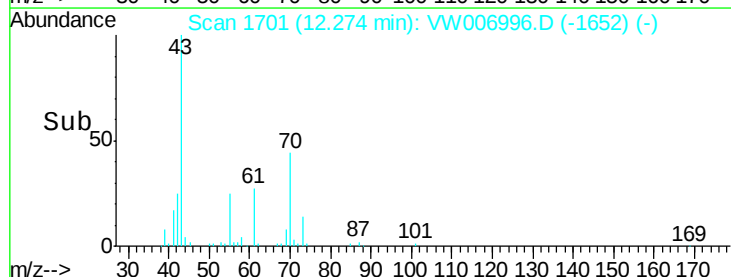
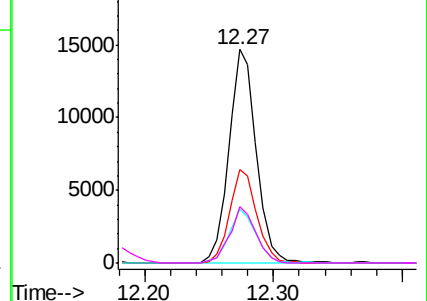


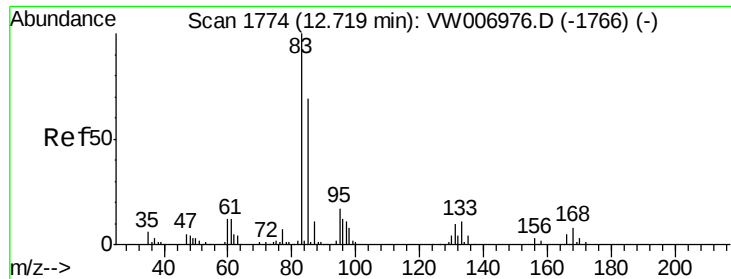
Abundance Ion 43.00 (42.70 to 43.70): VW

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





#75

1,1,2,2-Tetrachloroethane

Concen: 19.75 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

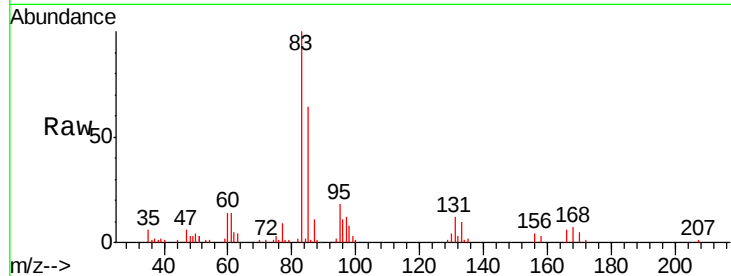
Tgt Ion: 83 Resp: 17246

Ion Ratio Lower Upper

83 100

131 11.8 5.7 17.1

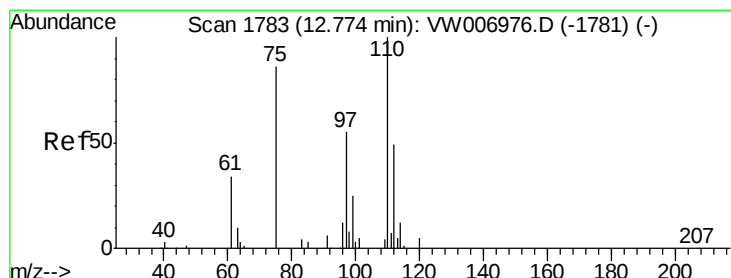
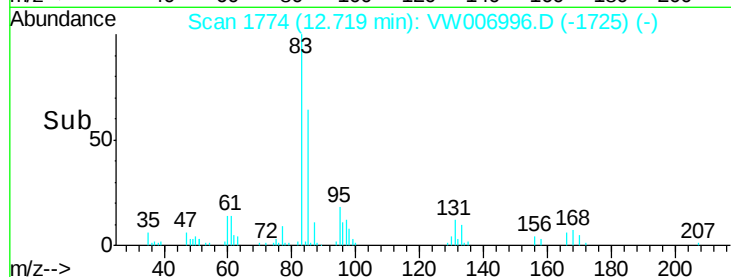
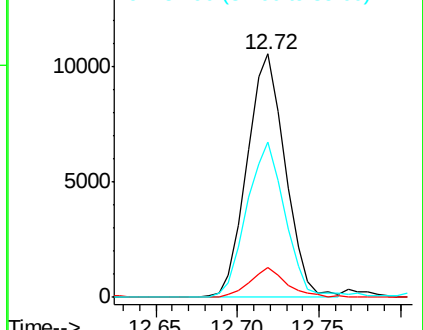
85 65.1 33.1 99.2



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: 36.51 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW006996.D

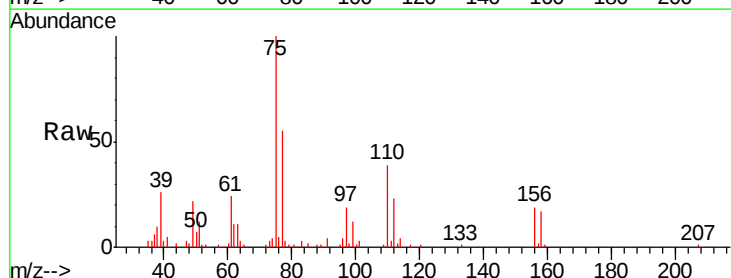
Acq: 21 Nov 2018 12:46

Tgt Ion: 75 Resp: 24219

Ion Ratio Lower Upper

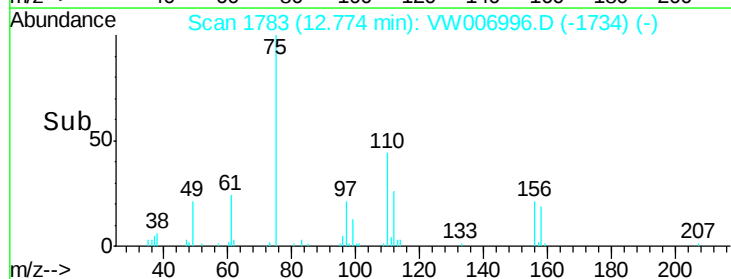
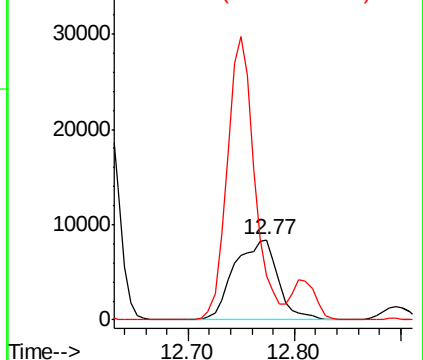
75 100

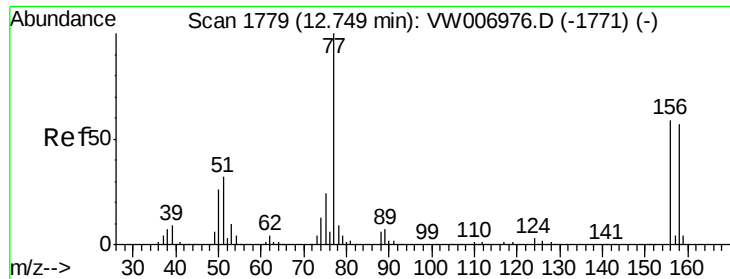
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.44 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

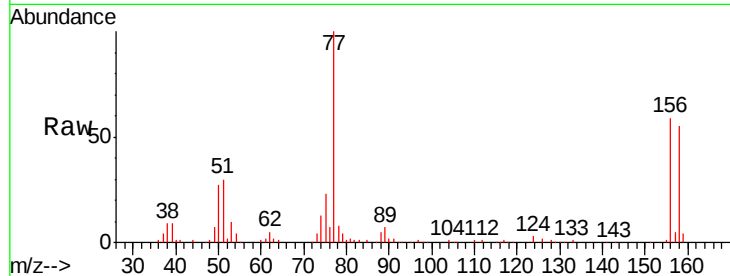
Tgt Ion:156 Resp: 28804

Ion Ratio Lower Upper

156 100

77 185.9 94.6 283.8

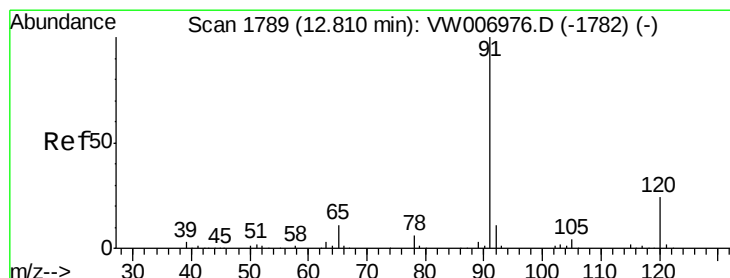
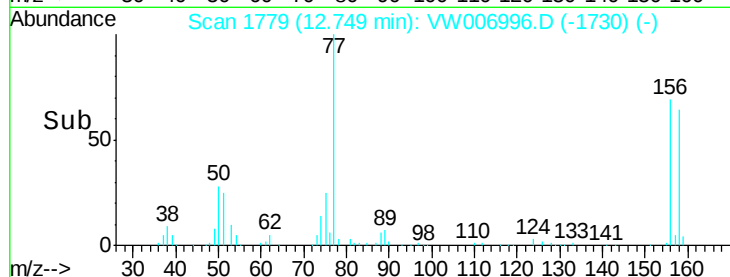
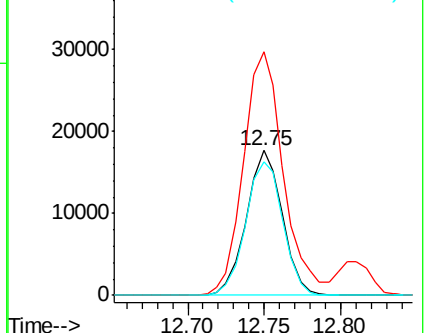
158 95.1 48.9 146.7



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: 21.06 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006996.D

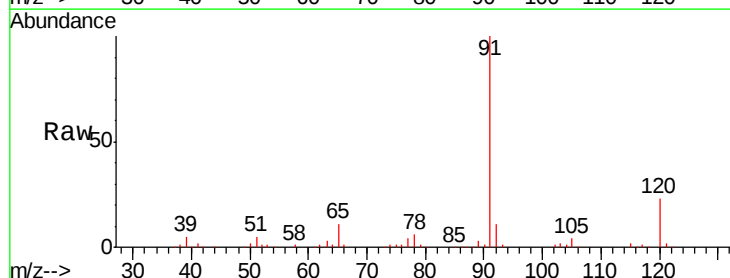
Acq: 21 Nov 2018 12:46

Tgt Ion: 91 Resp: 167326

Ion Ratio Lower Upper

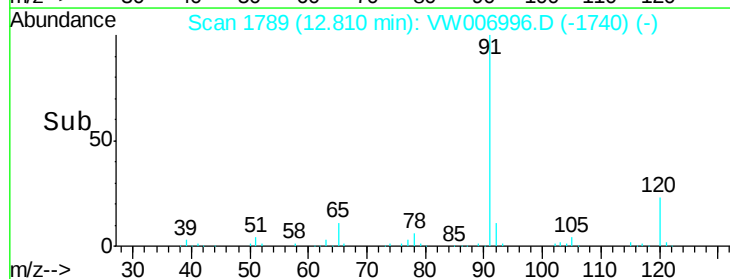
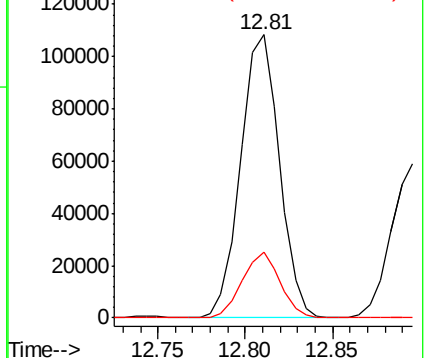
91 100

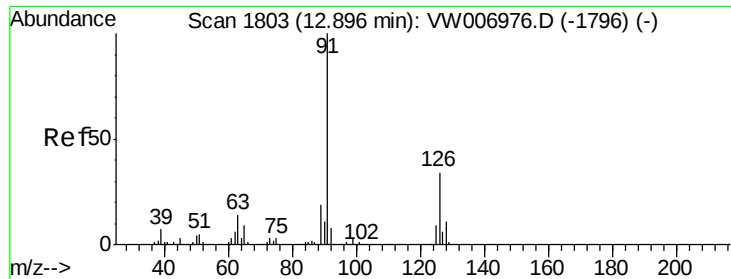
120 22.7 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

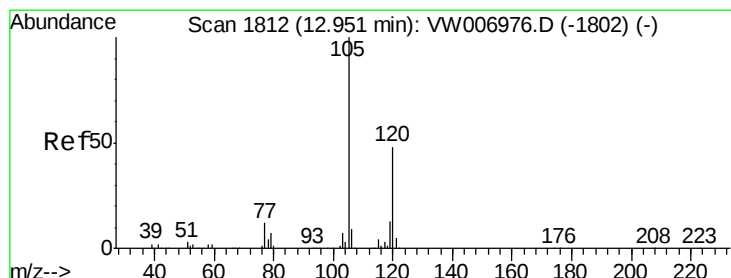
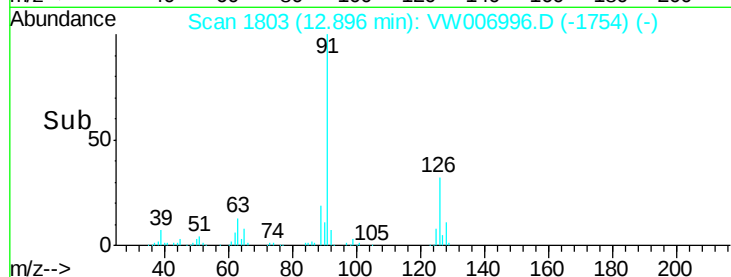
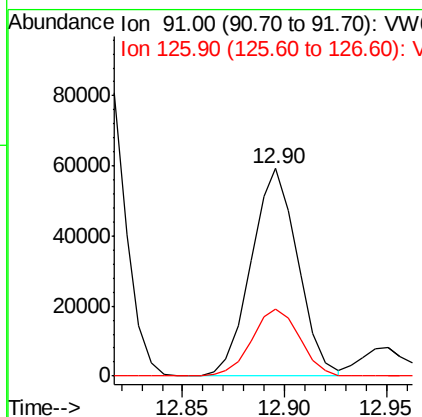
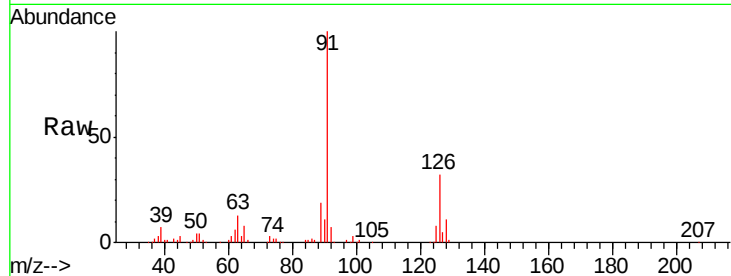




#79
 2-Chlorotoluene
 Concen: 20.59 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW006996.D
 Acq: 21 Nov 2018 12:46

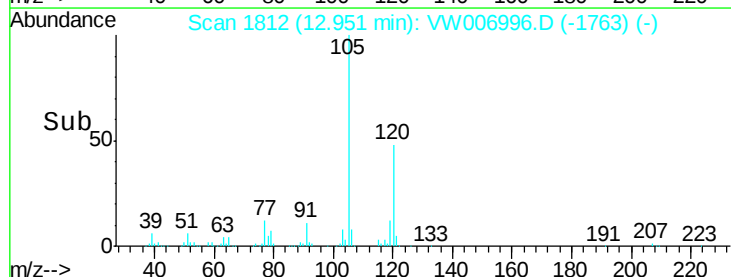
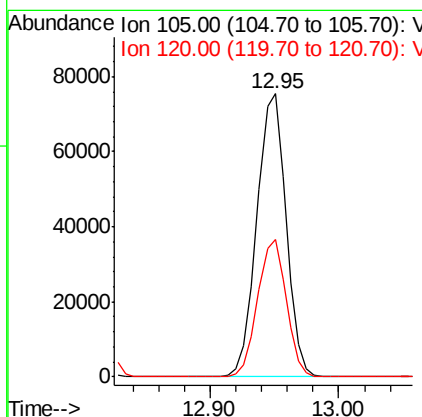
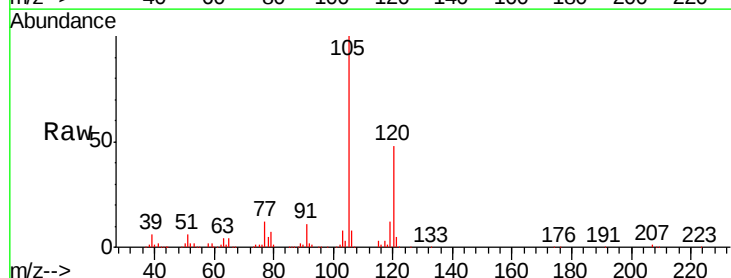
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

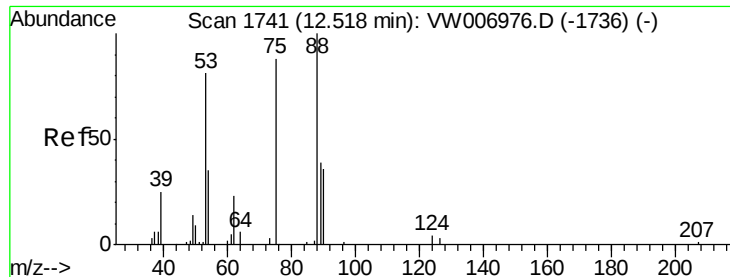
Tgt Ion: 91 Resp: 94359
 Ion Ratio Lower Upper
 91 100
 126 33.3 16.7 50.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.79 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW006996.D
 Acq: 21 Nov 2018 12:46

Tgt Ion: 105 Resp: 117925
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.8 71.2

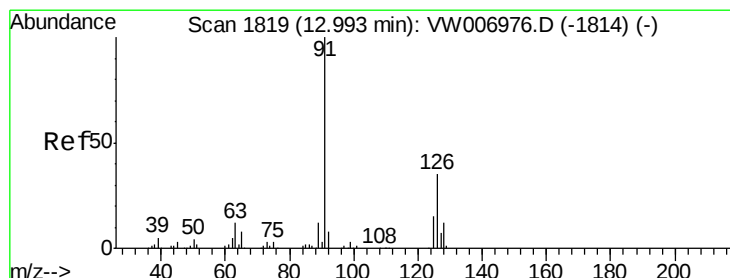
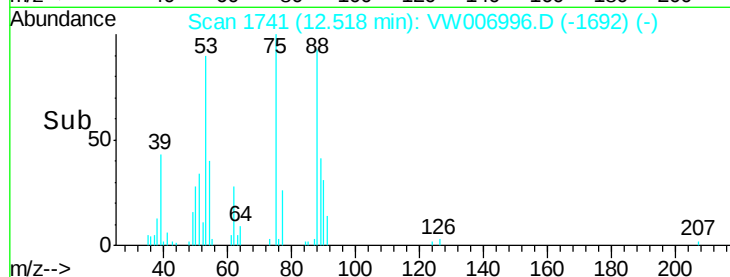
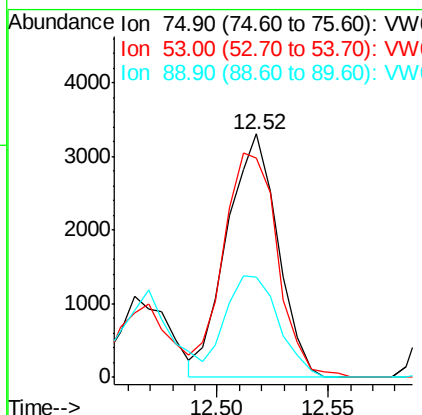
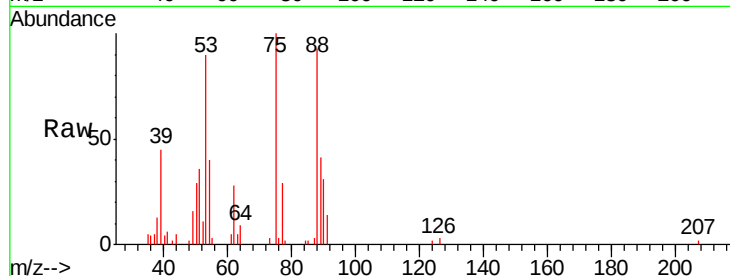




#81
trans-1,4-Dichloro-2-butene
Concen: 19.86 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

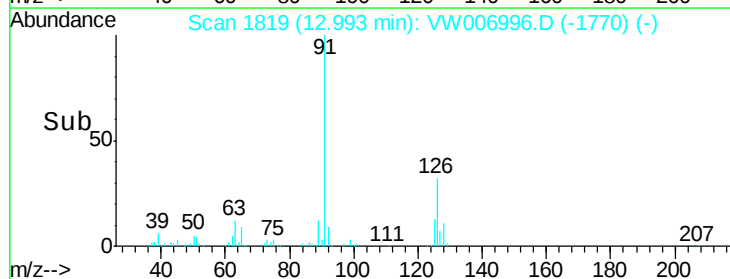
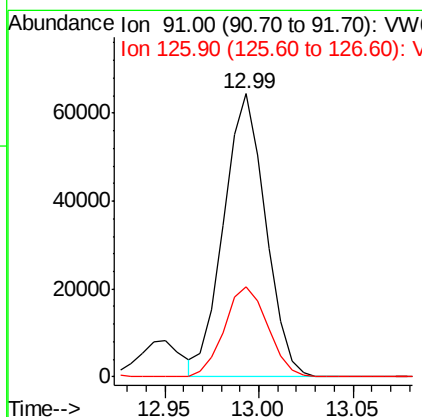
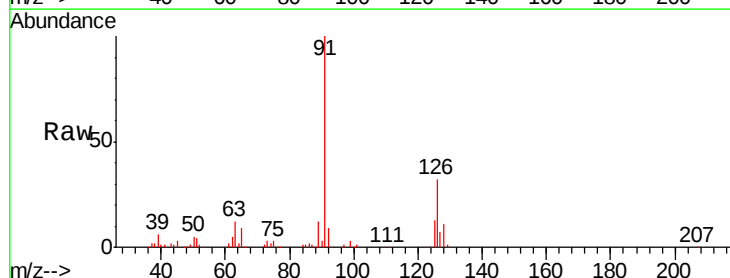
Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

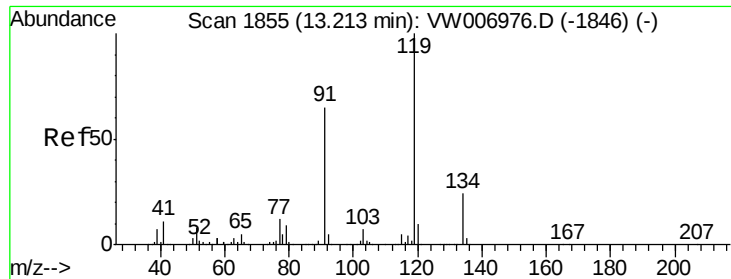
Tgt Ion: 75 Resp: 5248
Ion Ratio Lower Upper
75 100
53 98.4 77.6 116.4
89 43.4 39.3 58.9



#82
4-Chlorotoluene
Concen: 20.69 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Tgt Ion: 91 Resp: 99467
Ion Ratio Lower Upper
91 100
126 33.0 16.6 49.7

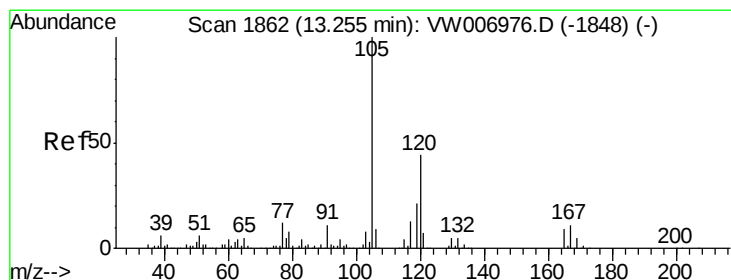
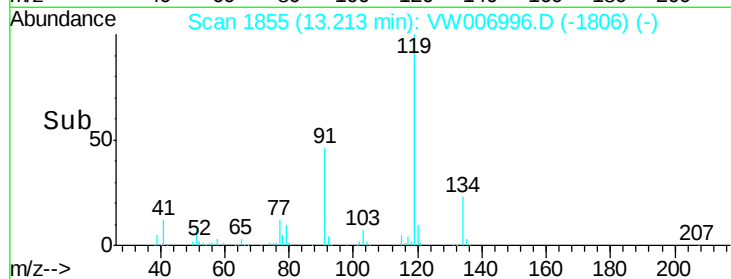
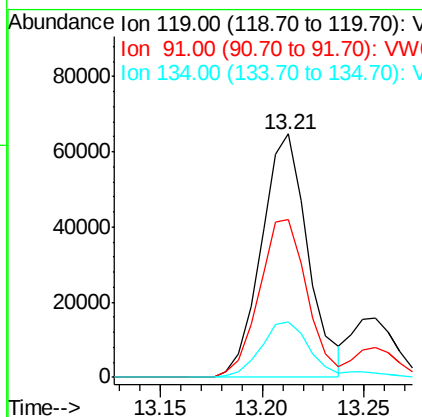
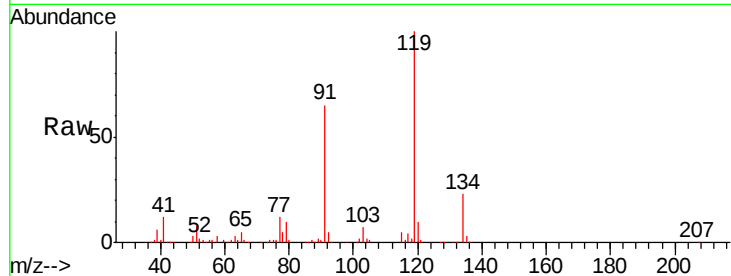




#83
 tert-Butylbenzene
 Concen: 20.99 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW006996.D
 Acq: 21 Nov 2018 12:46

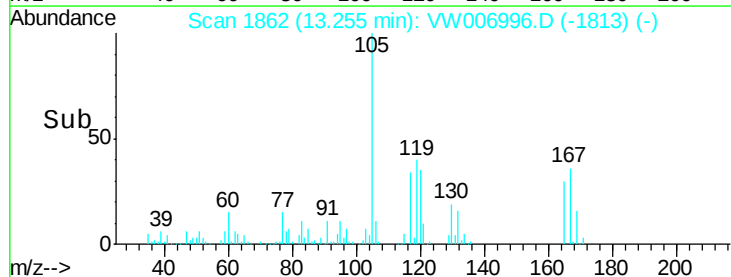
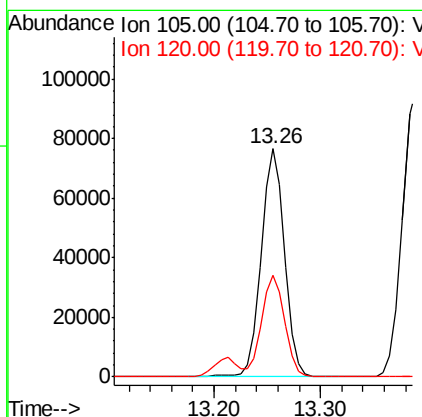
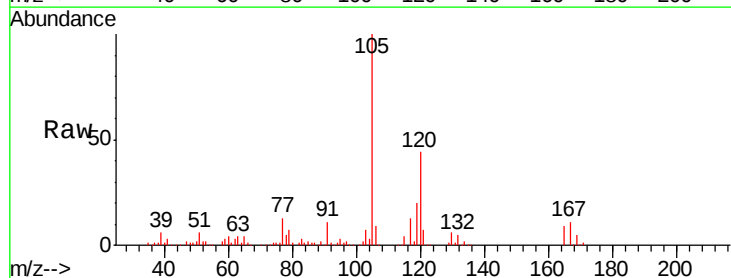
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

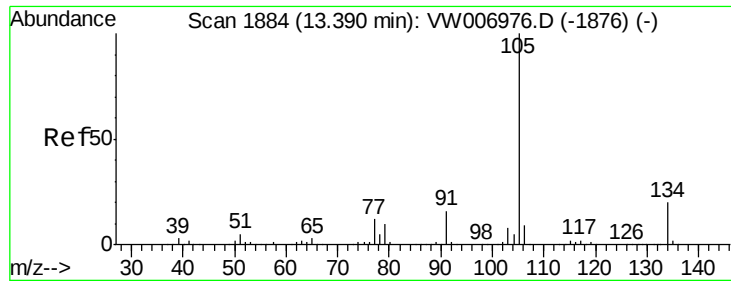
Tgt Ion:119 Resp: 103117
 Ion Ratio Lower Upper
 119 100
 91 66.3 33.5 100.5
 134 25.3 12.6 37.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.74 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006996.D
 Acq: 21 Nov 2018 12:46

Tgt Ion:105 Resp: 117225
 Ion Ratio Lower Upper
 105 100
 120 43.6 21.8 65.3

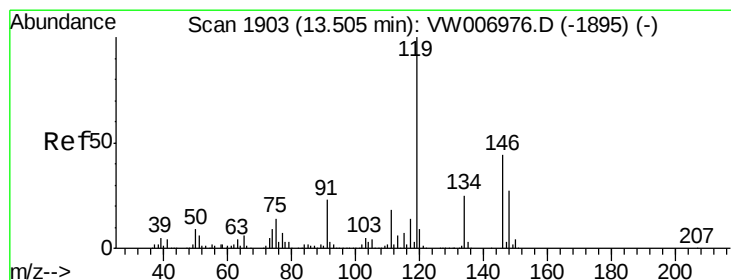
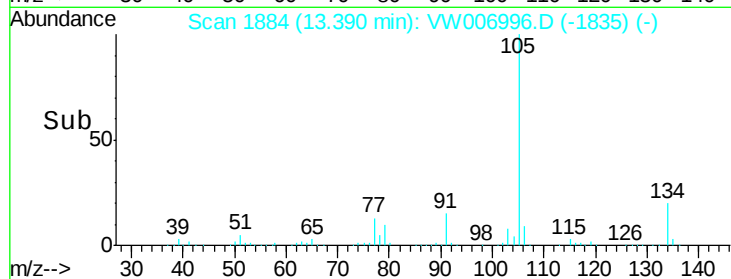
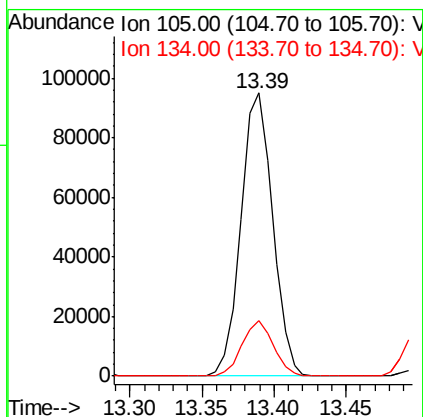
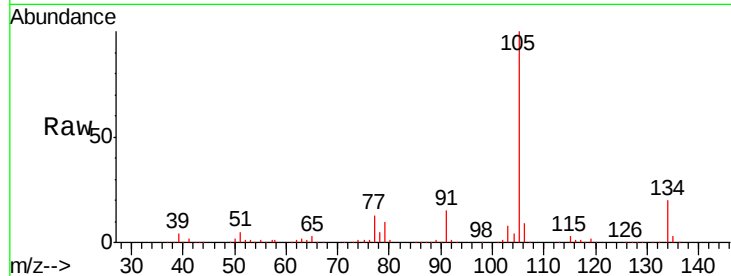




#85
 sec-Butylbenzene
 Concen: 20.90 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006996.D
 Acq: 21 Nov 2018 12:46

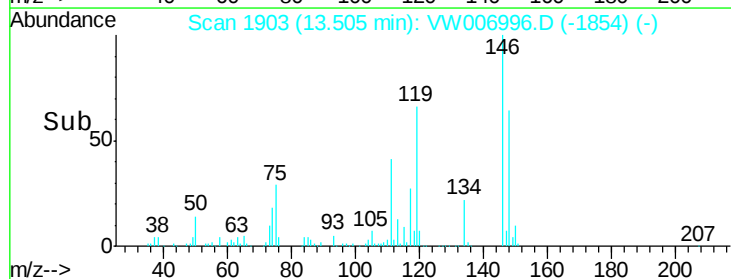
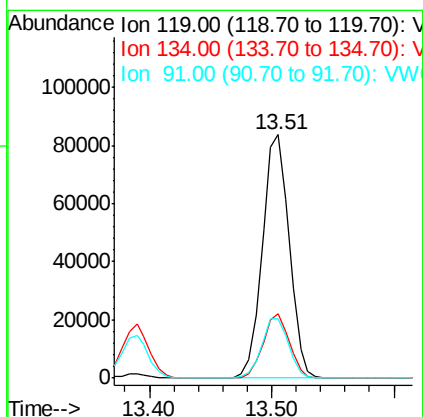
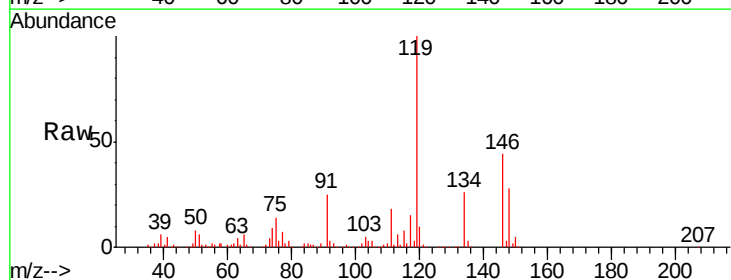
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

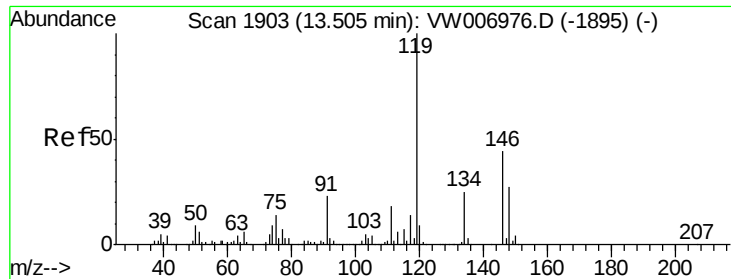
Tgt Ion:105 Resp: 145023
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 20.88 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006996.D
 Acq: 21 Nov 2018 12:46

Tgt Ion:119 Resp: 127805
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.3
 91 25.0 12.2 36.6

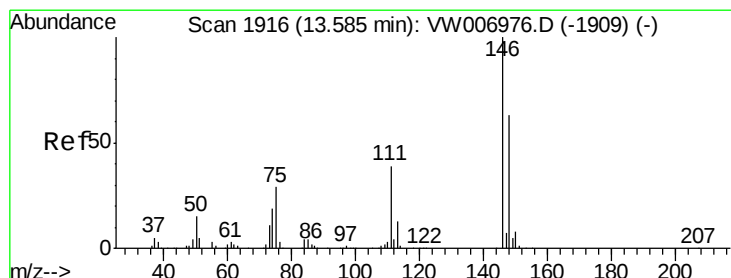
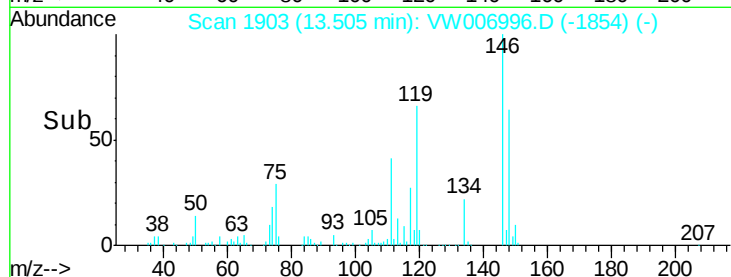
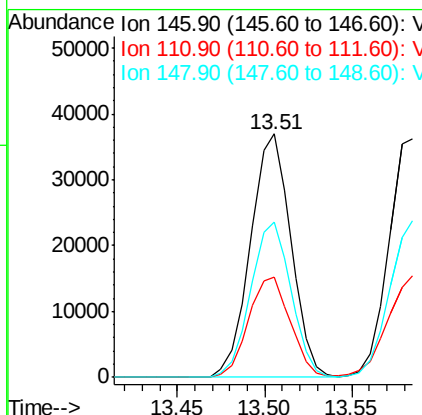
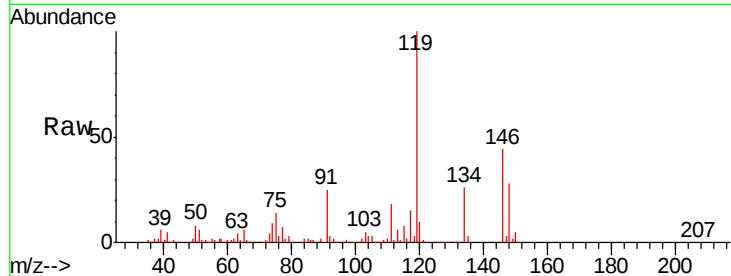




#87
 1,3-Dichlorobenzene
 Concen: 20.69 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006996.D
 Acq: 21 Nov 2018 12:46

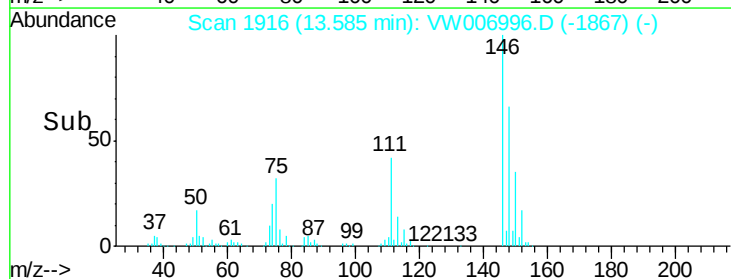
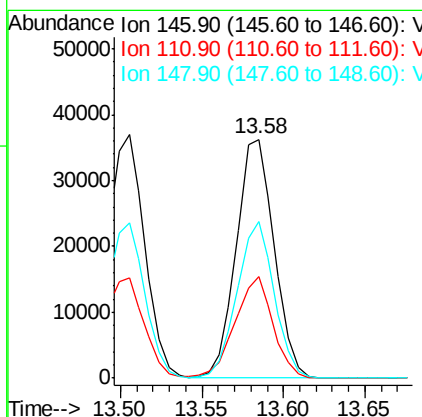
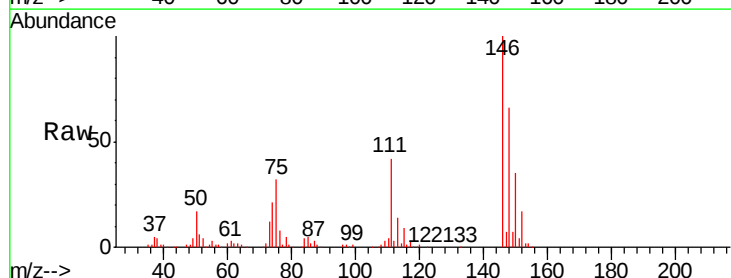
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

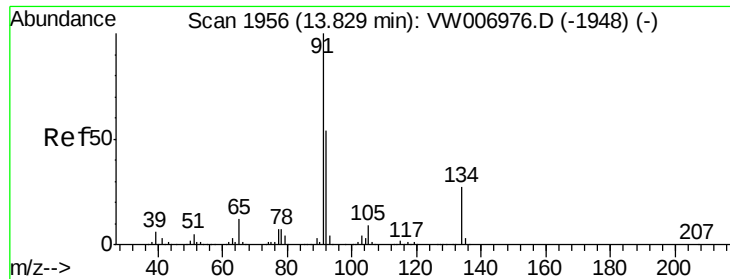
Tgt Ion:146 Resp: 59525
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.1 63.3
 148 63.6 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 20.52 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006996.D
 Acq: 21 Nov 2018 12:46

Tgt Ion:146 Resp: 58848
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.6 61.8
 148 63.8 32.3 96.8





#89

n-Butylbenzene

Concen: 21.00 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

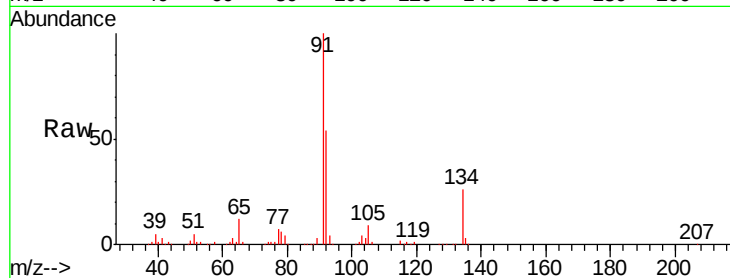
Tgt Ion: 91 Resp: 120976

Ion Ratio Lower Upper

91 100

92 53.1 26.8 80.4

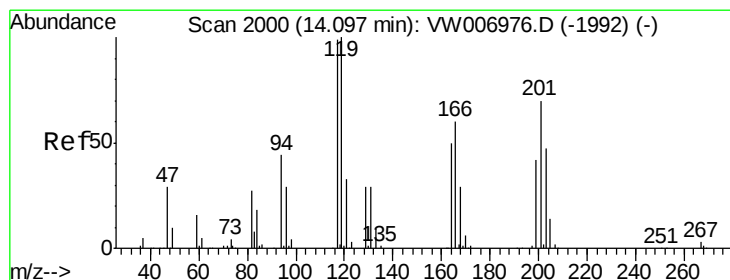
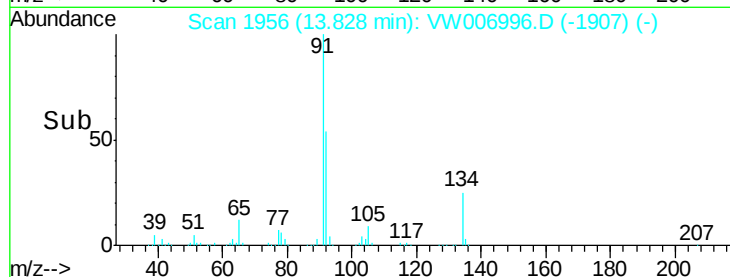
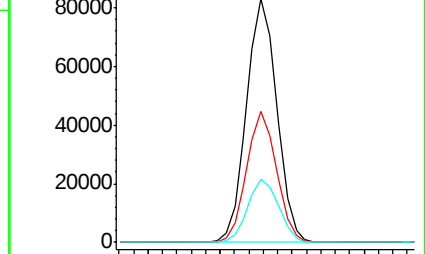
134 26.5 13.3 39.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 20.90 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW006996.D

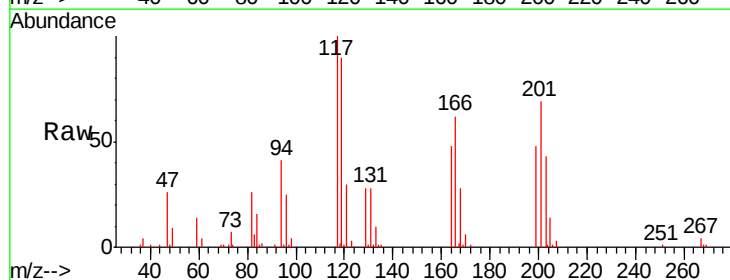
Acq: 21 Nov 2018 12:46

Tgt Ion: 117 Resp: 18683

Ion Ratio Lower Upper

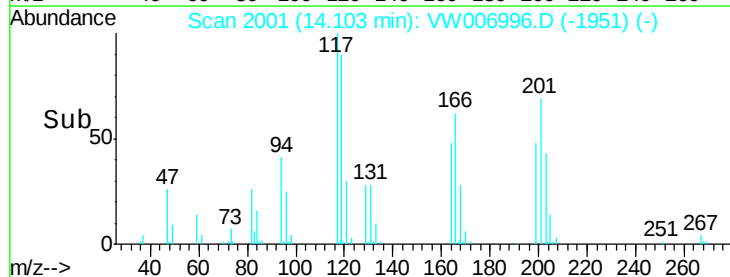
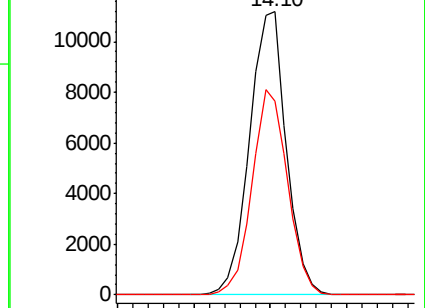
117 100

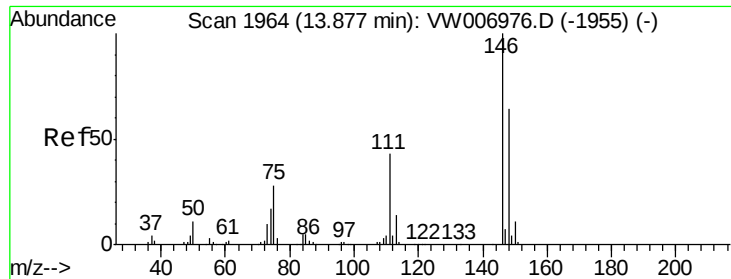
201 70.1 35.9 107.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 20.54 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

Instrument :

MSVOA_W

ClientSampleId :

VW1122SBS01

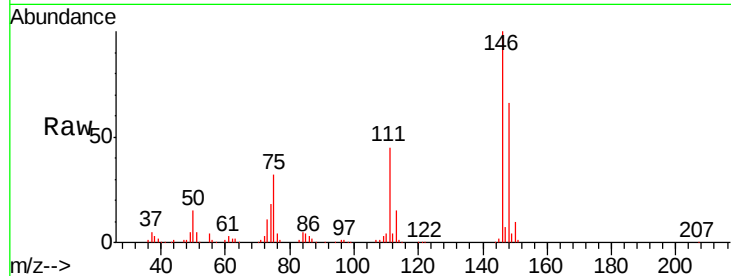
Tgt Ion:146 Resp: 51780

Ion Ratio Lower Upper

146 100

111 45.0 21.9 65.7

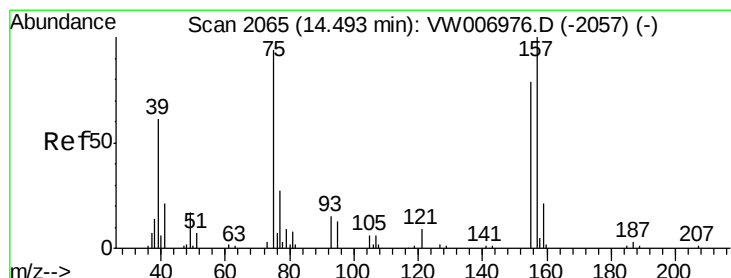
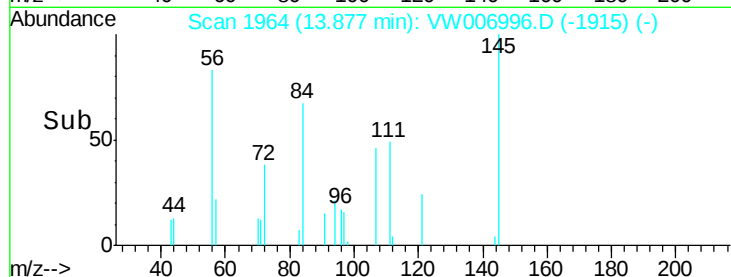
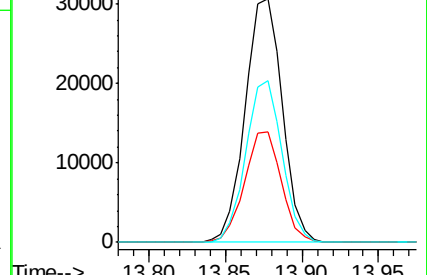
148 64.9 32.2 96.6



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: 20.70 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.01 min

Lab File: VW006996.D

Acq: 21 Nov 2018 12:46

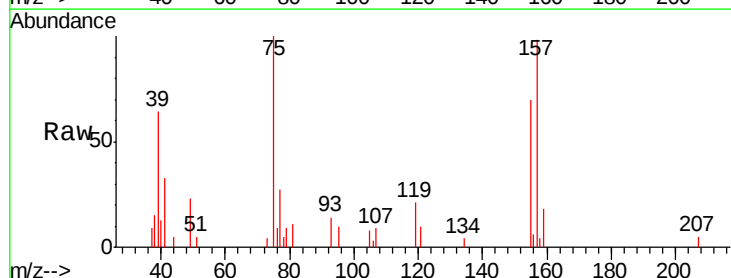
Tgt Ion: 75 Resp: 3053

Ion Ratio Lower Upper

75 100

155 74.3 42.6 127.8

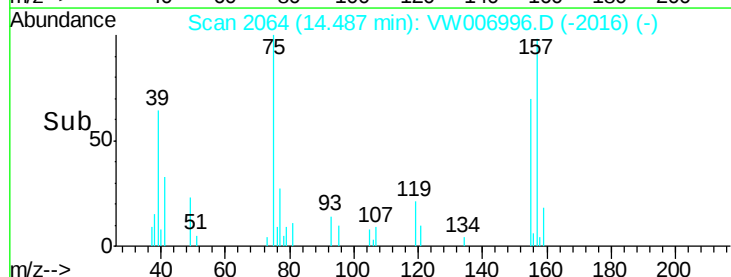
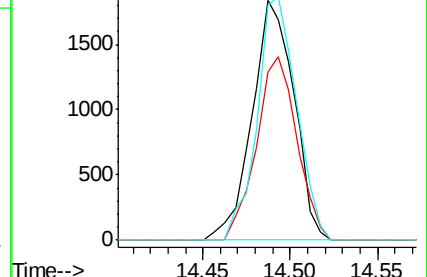
157 95.3 55.0 165.0

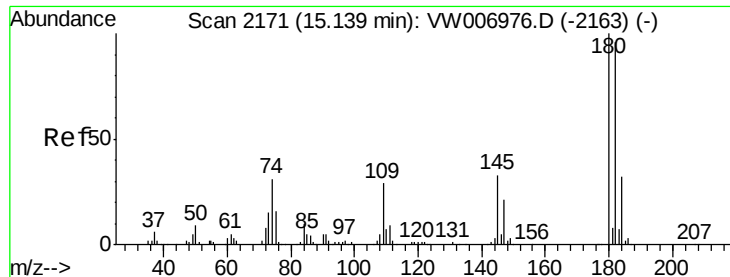


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

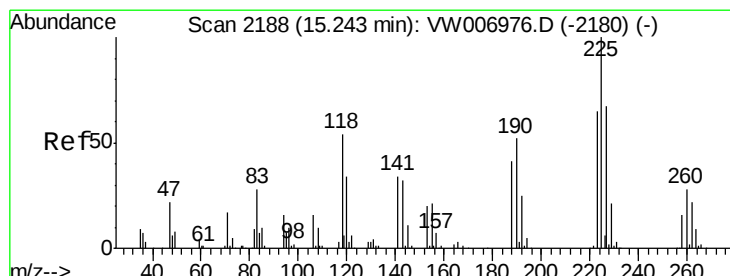
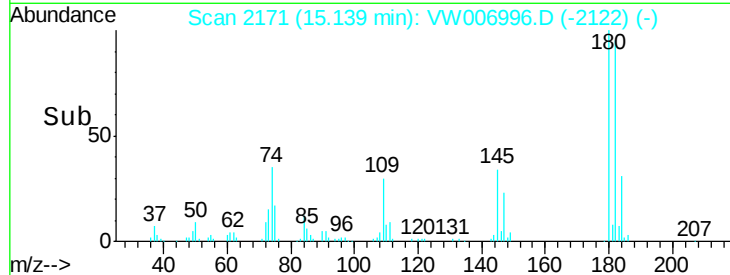
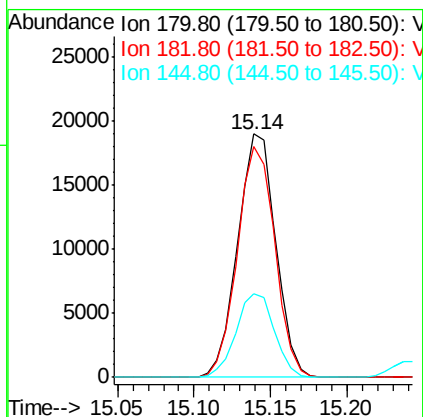
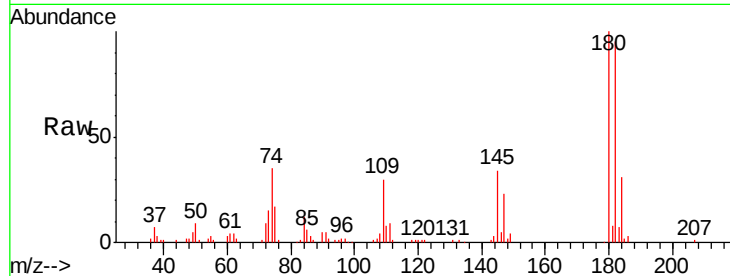




#93
 1,2,4-Trichlorobenzene
 Concen: 19.72 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW006996.D
 Acq: 21 Nov 2018 12:46

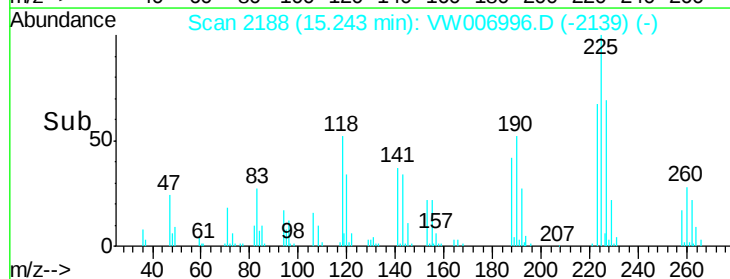
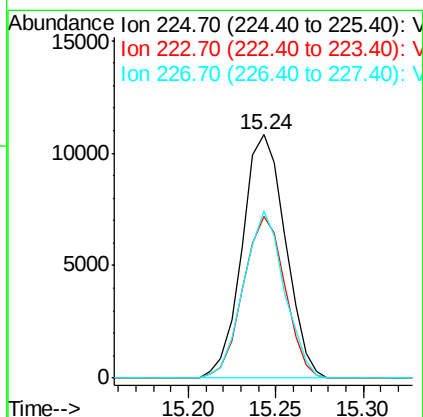
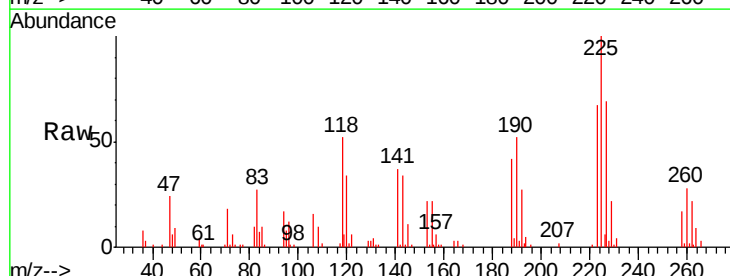
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

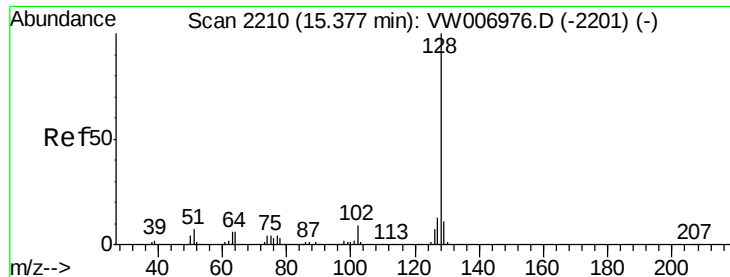
Tgt Ion:180 Resp: 32779
 Ion Ratio Lower Upper
 180 100
 182 93.6 47.1 141.3
 145 34.6 16.5 49.5



#94
 Hexachlorobutadiene
 Concen: 20.59 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006996.D
 Acq: 21 Nov 2018 12:46

Tgt Ion:225 Resp: 18606
 Ion Ratio Lower Upper
 225 100
 223 64.1 32.4 97.0
 227 64.6 31.9 95.5

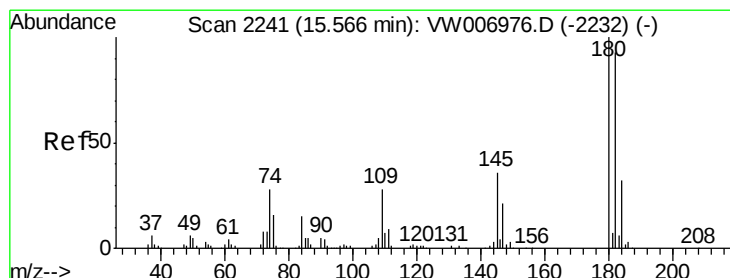
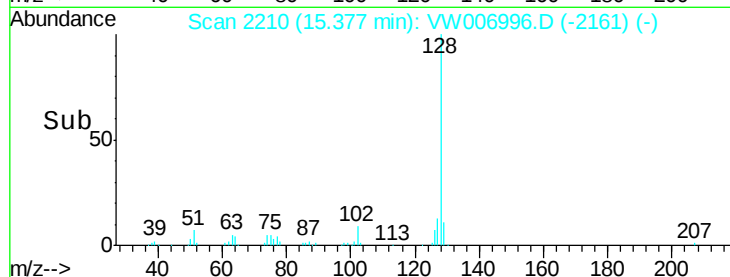
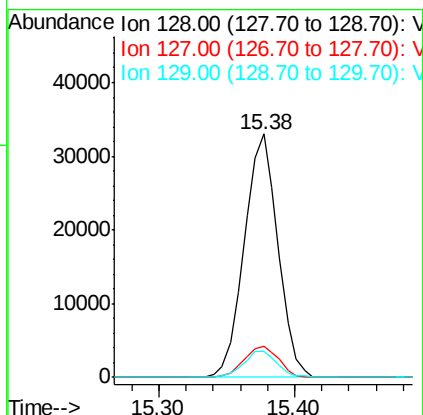
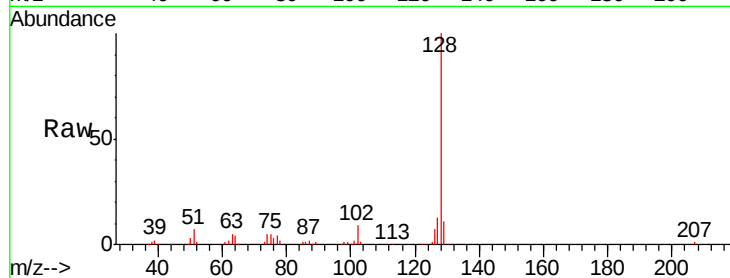




#95
Naphthalene
Concen: 18.92 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS01

Tgt Ion:128 Resp: 57073
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.66 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006996.D
Acq: 21 Nov 2018 12:46

Tgt Ion:180 Resp: 27110
Ion Ratio Lower Upper
180 100
182 95.1 47.0 141.2
145 35.8 18.0 54.0

