

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112018\
 Data File : VW006951.D
 Acq On : 19 Nov 2018 19:18
 Operator : SY/AP
 Sample : VW1119SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBS01

Quant Time: Nov 20 04:34:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 17 04:45:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	122626	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	196023	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	187740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	94012	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	65883	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
35) Dibromofluoromethane	7.89	113	57917	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
50) Toluene-d8	10.33	98	245278	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
62) 4-Bromofluorobenzene	12.62	95	97595	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	26543	22.608	ug/l	97
3) Chloromethane	2.21	50	21338	20.190	ug/l	98
4) Vinyl Chloride	2.36	62	21305	21.265	ug/l	100
5) Bromomethane	2.78	94	10768	20.009	ug/l	97
6) Chloroethane	2.92	64	11346	20.564	ug/l	95
7) Trichlorofluoromethane	3.26	101	40605	20.824	ug/l	97
8) Diethyl Ether	3.69	74	13870	19.656	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	26436	20.993	ug/l	96
10) Methyl Iodide	4.28	142	26872	19.492	ug/l	99
11) Tert butyl alcohol	5.20	59	10152	97.647	ug/l #	87
12) 1,1-Dichloroethene	4.04	96	22875	20.247	ug/l	95
13) Acrolein	3.90	56	10736	113.884	ug/l	96
14) Allyl chloride	4.68	41	38165	19.203	ug/l	99
15) Acrylonitrile	5.38	53	27294	99.385	ug/l	100
16) Acetone	4.14	43	20514	98.138	ug/l	95
17) Carbon Disulfide	4.39	76	71950	20.131	ug/l	100
18) Methyl Acetate	4.68	43	14040	18.354	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	69004	20.835	ug/l	96
20) Methylene Chloride	4.92	84	32357	20.484	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	27132	20.132	ug/l	94
22) Diisopropyl ether	6.32	45	79883	19.691	ug/l	96
23) Vinyl Acetate	6.26	43	218549	97.286	ug/l	100
24) 1,1-Dichloroethane	6.23	63	45648	19.541	ug/l	99
25) 2-Butanone	7.18	43	36546	105.273	ug/l	100
26) 2,2-Dichloropropane	7.17	77	41133	20.181	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	29527	19.706	ug/l	98
28) Bromochloromethane	7.52	49	17137	19.974	ug/l #	96
29) Tetrahydrofuran	7.54	42	23194	102.735	ug/l	98
30) Chloroform	7.68	83	49054	19.155	ug/l	98
31) Cyclohexane	7.96	56	50020	21.374	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	45808	20.777	ug/l	99
36) 1,1-Dichloropropene	8.09	75	41296	22.114	ug/l	99
37) Ethyl Acetate	7.26	43	16810	21.171	ug/l	100
38) Carbon Tetrachloride	8.07	117	39127	21.320	ug/l	96

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 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBS01

Quant Time: Nov 20 04:34:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 17 04:45:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	48567	20.956	ug/l	99
40) Benzene	8.33	78	109472	20.742	ug/l	100
41) Methacrylonitrile	7.49	41	9860	20.275	ug/l	95
42) 1,2-Dichloroethane	8.40	62	32711	20.703	ug/l	100
43) Isopropyl Acetate	8.43	43	30406	19.958	ug/l	100
44) Trichloroethene	9.10	130	30599	21.563	ug/l	98
45) 1,2-Dichloropropane	9.37	63	27910	20.935	ug/l	97
46) Dibromomethane	9.46	93	13966	20.686	ug/l	97
47) Bromodichloromethane	9.65	83	37820	21.274	ug/l	99
48) Methyl methacrylate	9.44	41	13793	18.762	ug/l	98
49) 1,4-Dioxane	9.47	88	3840	375.334	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	77940	103.799	ug/l	98
52) Toluene	10.39	92	73510	20.819	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	35213	20.268	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	43768	21.051	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	21027	21.122	ug/l	97
56) Ethyl methacrylate	10.65	69	24109	19.479	ug/l	94
57) 1,3-Dichloropropane	10.93	76	35608	21.024	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	65163	107.094	ug/l	99
59) 2-Hexanone	10.98	43	52973	105.411	ug/l	98
60) Dibromochloromethane	11.13	129	24037	21.174	ug/l	98
61) 1,2-Dibromoethane	11.24	107	19162	20.711	ug/l	100
64) Tetrachloroethene	10.87	164	24163	19.994	ug/l	97
65) Chlorobenzene	11.66	112	81334	20.517	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	24952	19.752	ug/l	97
67) Ethyl Benzene	11.74	91	147500	20.638	ug/l	98
68) m/p-Xylenes	11.84	106	116126	41.724	ug/l	99
69) o-Xylene	12.17	106	54375	20.585	ug/l	99
70) Styrene	12.18	104	88055	20.729	ug/l	99
71) Bromoform	12.35	173	12357	20.982	ug/l #	98
73) Isopropylbenzene	12.47	105	147909	19.866	ug/l	100
74) N-amyl acetate	12.27	43	26433	17.740	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	22031	20.117	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	29842	39.500	ug/l #	100
77) Bromobenzene	12.75	156	32531	20.616	ug/l	97
78) n-propylbenzene	12.81	91	177858	19.881	ug/l	99
79) 2-Chlorotoluene	12.90	91	103864	19.810	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	128638	20.065	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	6127	18.461	ug/l	96
82) 4-Chlorotoluene	12.99	91	109439	19.798	ug/l	99
83) tert-Butylbenzene	13.21	119	110647	20.324	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	128052	19.882	ug/l	98
85) sec-Butylbenzene	13.39	105	156932	20.202	ug/l	99
86) p-Isopropyltoluene	13.51	119	138228	20.360	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	66886	20.729	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	66200	20.586	ug/l	98
89) n-Butylbenzene	13.83	91	129204	20.105	ug/l	99
90) Hexachloroethane	14.10	117	19126	17.280	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	59591	20.653	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3596	18.975	ug/l	96

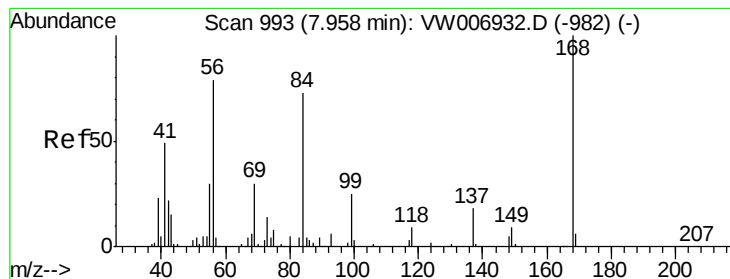
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112018\
Data File : VW006951.D
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MSVOA_W
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Quant Time: Nov 20 04:34:28 2018
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Quant Title : SW846 8260
QLast Update : Sat Nov 17 04:45:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	37274	20.532	ug/l	99
94) Hexachlorobutadiene	15.24	225	19374	20.203	ug/l	97
95) Naphthalene	15.38	128	67649	19.340	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	30499	19.598	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

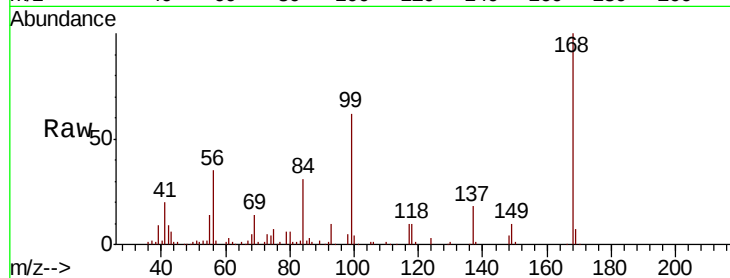
VW1120SBSD01

Tot Ion:168 Resp: 122626

Ion Ratio Lower Upper

168 100

99 61.4 49.3 73.9



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

30000

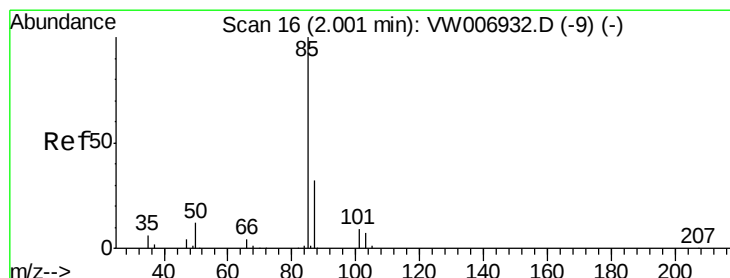
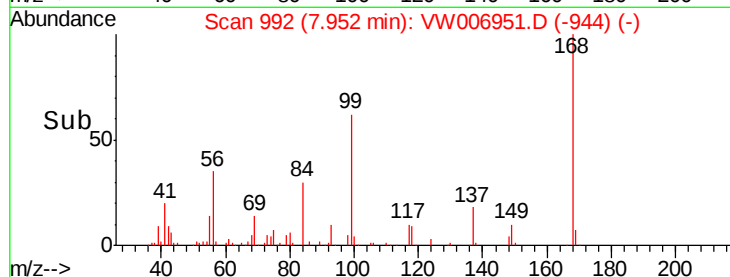
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 22.608 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW006951.D

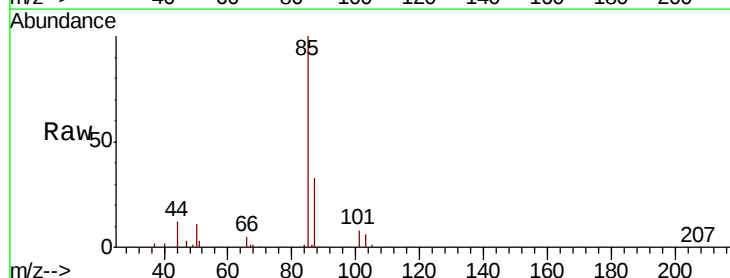
Acq: 19 Nov 2018 19:18

Tgt Ion: 85 Resp: 26543

Ion Ratio Lower Upper

85 100

87 33.4 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

20000

15000

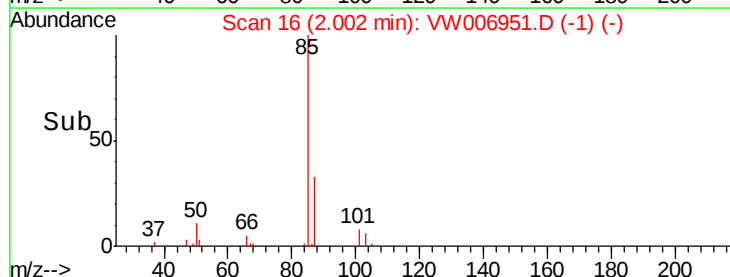
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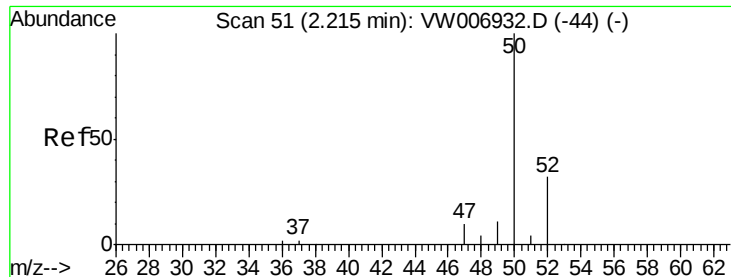
5000

0

1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 20.190 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

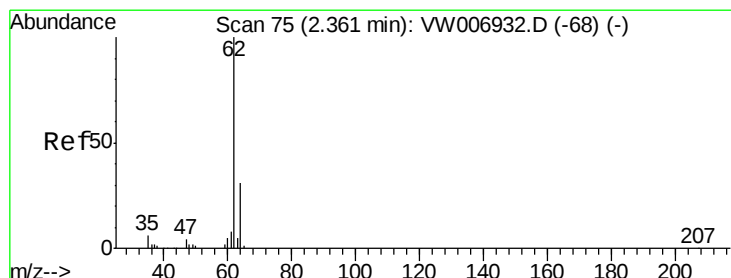
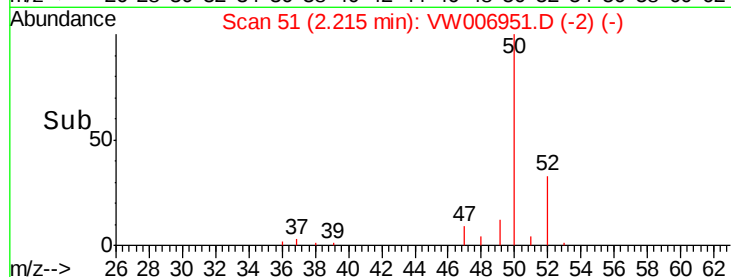
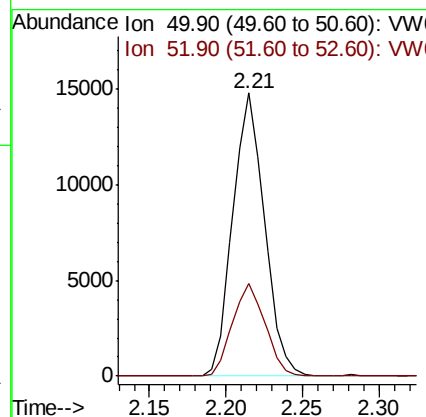
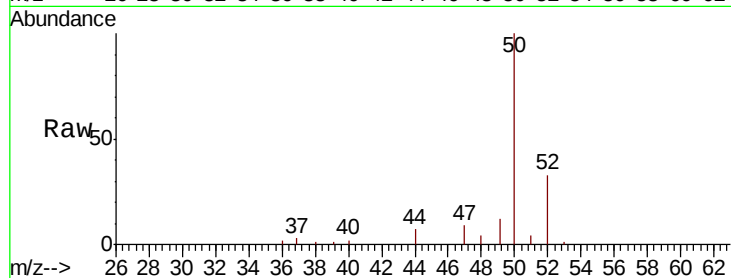
VW1120SBSD01

Tot Ion: 50 Resp: 21338

Ion Ratio Lower Upper

50 100

52 32.9 25.4 38.2



#4

Vinyl Chloride

Concen: 21.265 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW006951.D

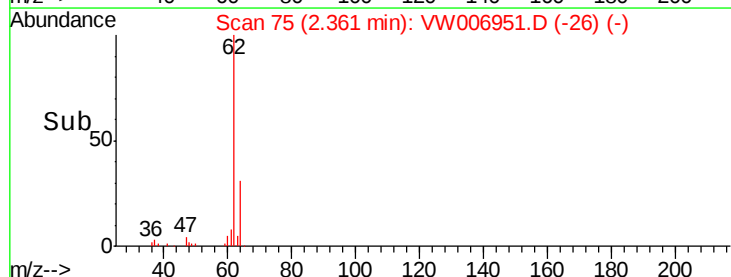
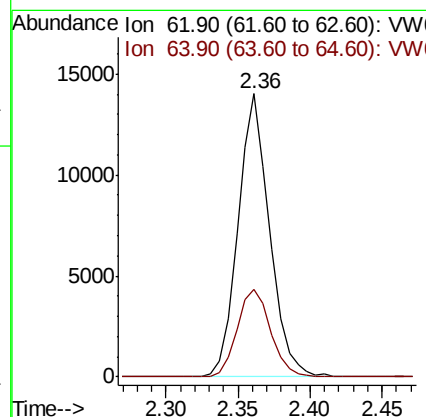
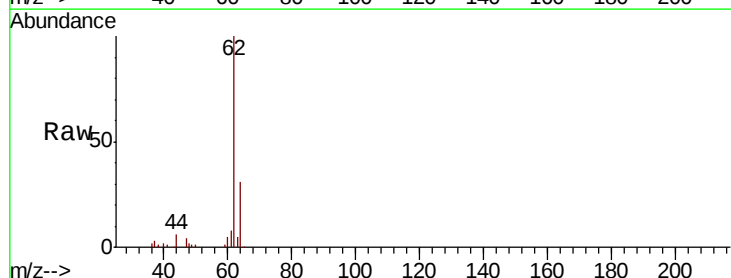
Acq: 19 Nov 2018 19:18

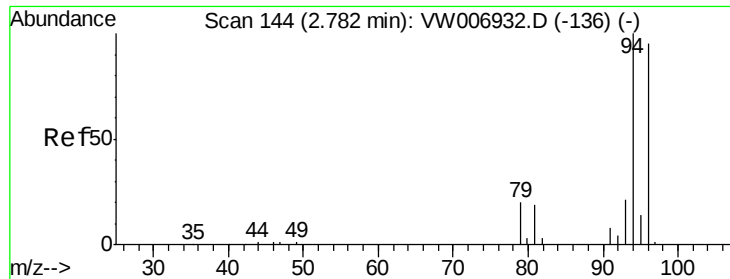
Tgt Ion: 62 Resp: 21305

Ion Ratio Lower Upper

62 100

64 30.8 24.6 37.0





#5

Bromomethane

Concen: 20.009 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

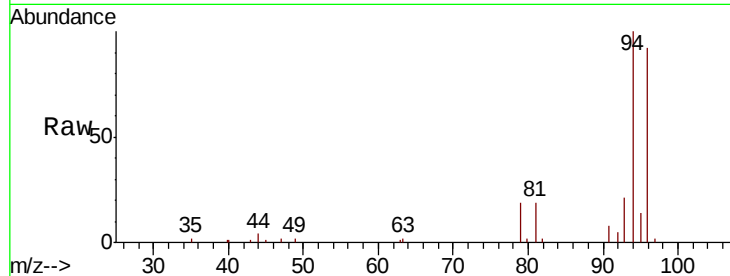
VW1120SBSD01

Tot Ion: 94 Resp: 10768

Ion Ratio Lower Upper

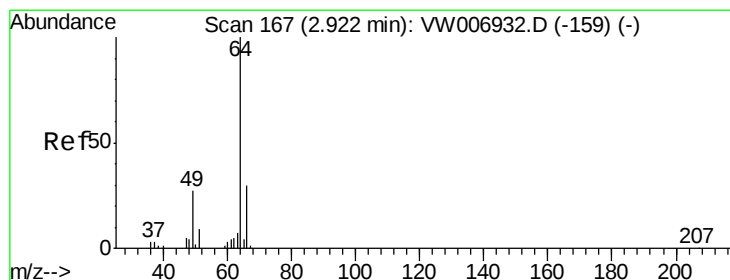
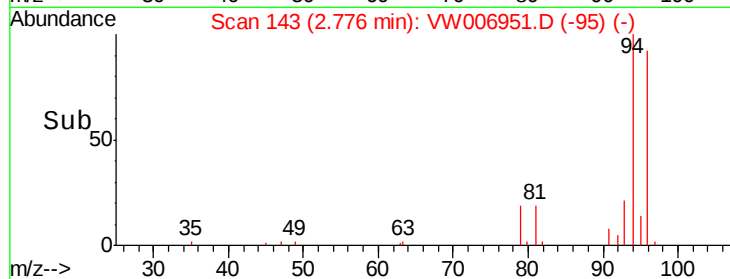
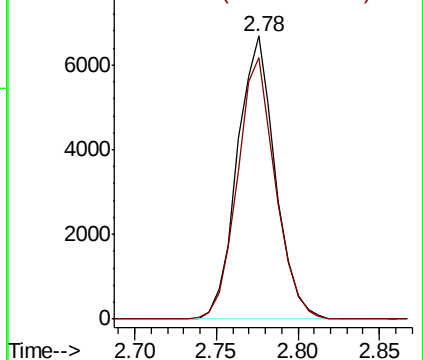
94 100

96 92.3 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 20.564 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW006951.D

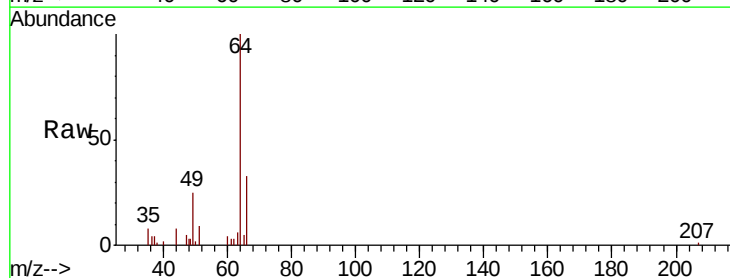
Acq: 19 Nov 2018 19:18

Tgt Ion: 64 Resp: 11346

Ion Ratio Lower Upper

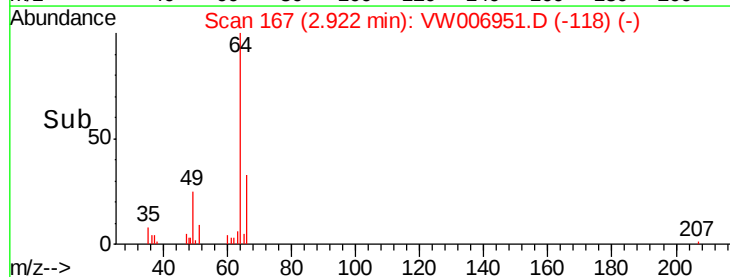
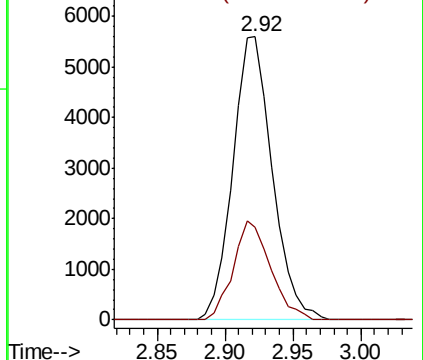
64 100

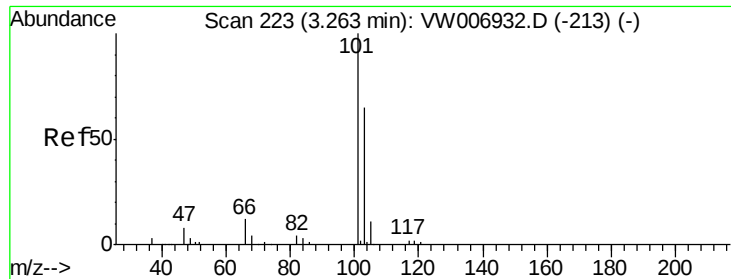
66 32.8 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



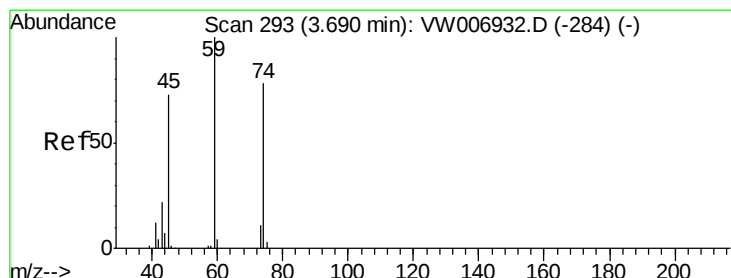
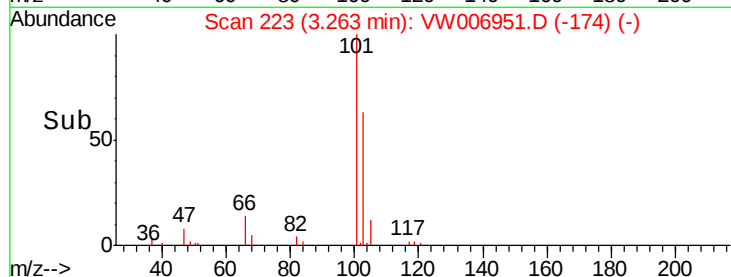
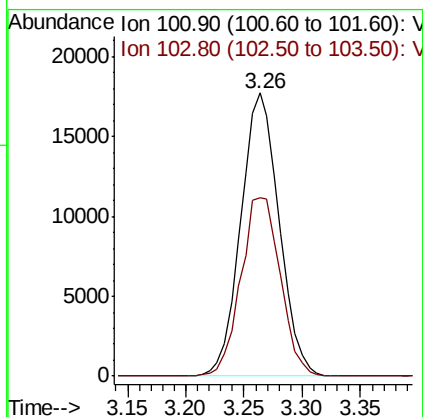
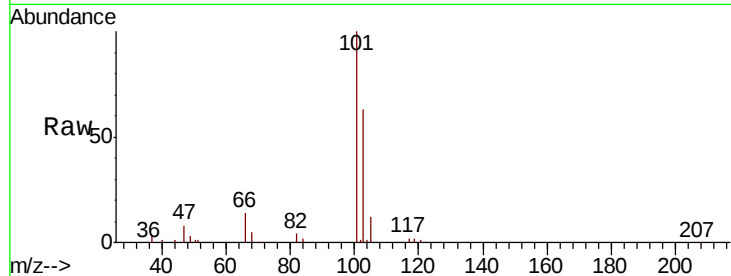


#7

Trichlorofluoromethane
 Concen: 20.824 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW006951.D
 Acq: 19 Nov 2018 19:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBSD01

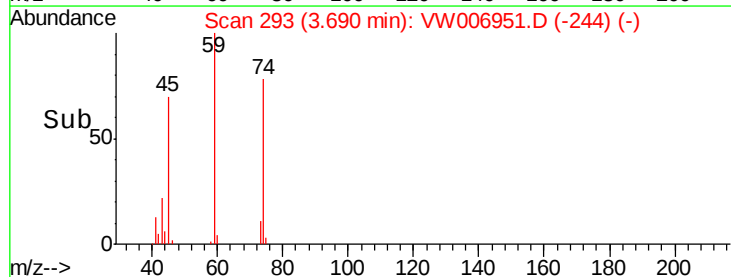
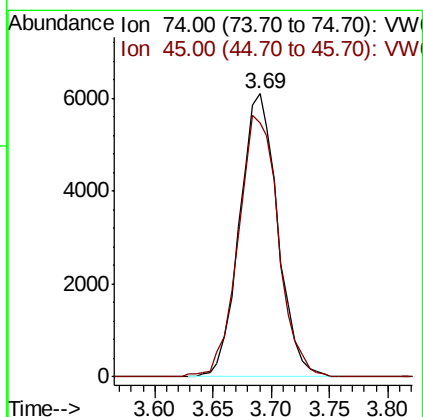
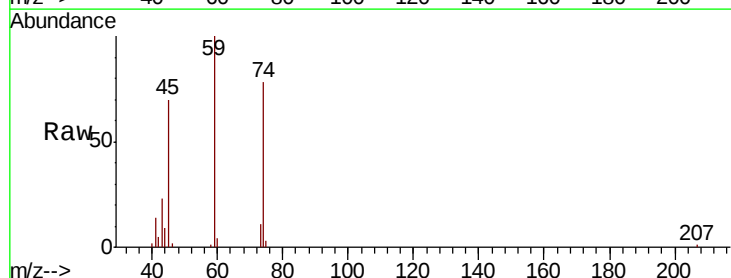
Tot Ion:101 Resp: 40605
 Ion Ratio Lower Upper
 101 100
 103 63.2 52.2 78.2

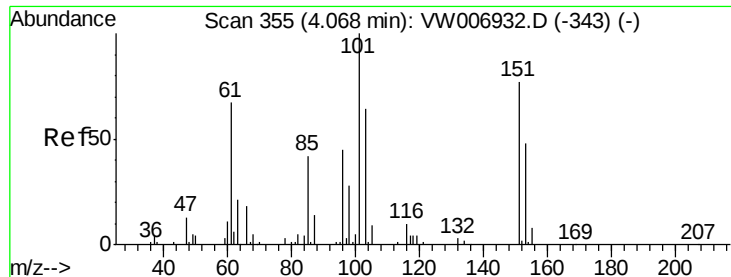


#8

Diethyl Ether
 Concen: 19.656 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW006951.D
 Acq: 19 Nov 2018 19:18

Tgt Ion: 74 Resp: 13870
 Ion Ratio Lower Upper
 74 100
 45 97.5 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.993 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBSD01

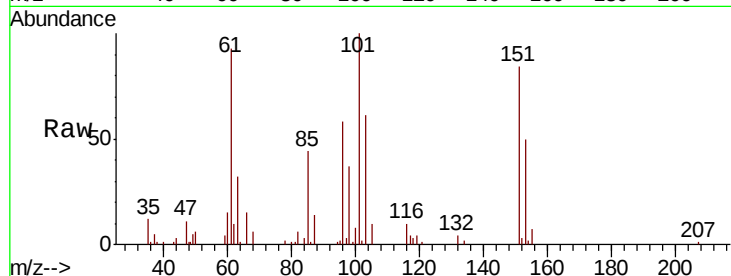
Tot Ion:101 Resp: 26436

Ion Ratio Lower Upper

101 100

85 43.5 34.5 51.7

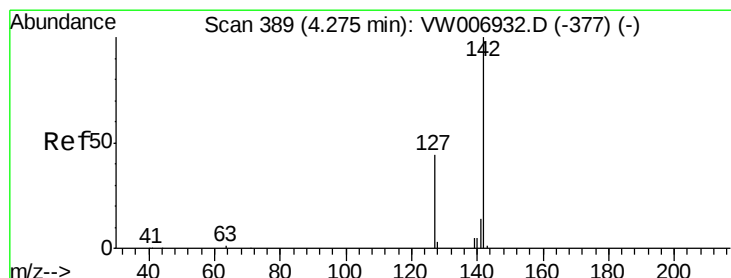
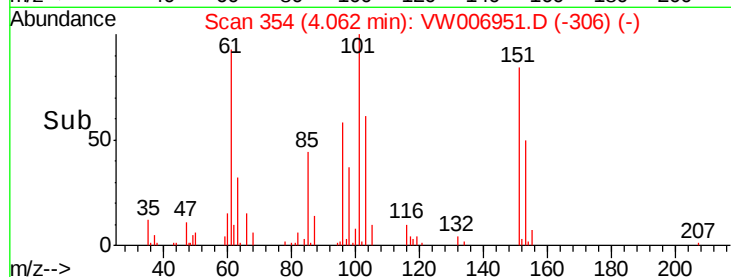
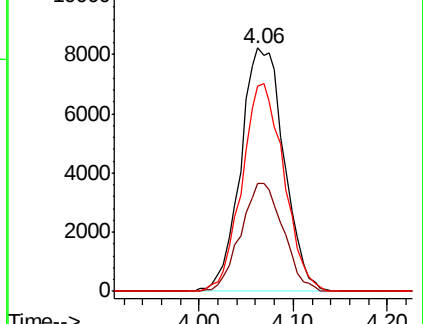
151 82.6 61.5 92.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.492 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

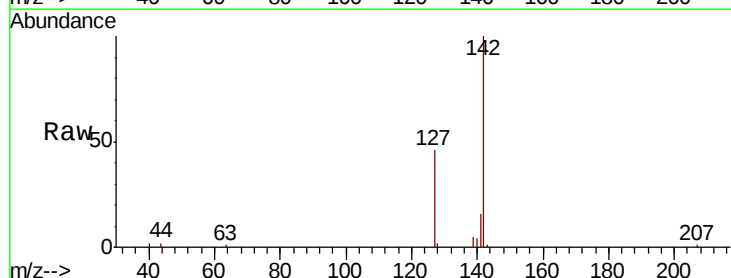
Tgt Ion:142 Resp: 26872

Ion Ratio Lower Upper

142 100

127 42.9 34.4 51.6

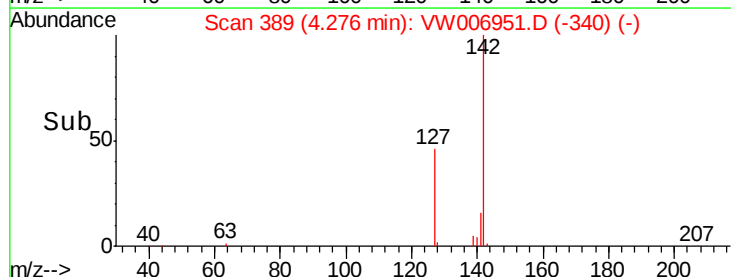
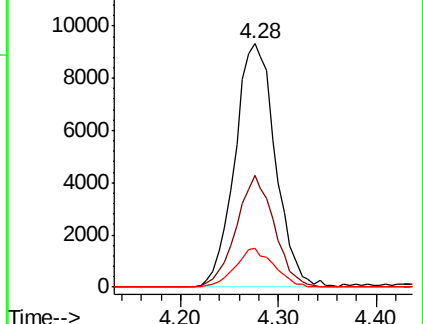
141 15.0 11.5 17.3

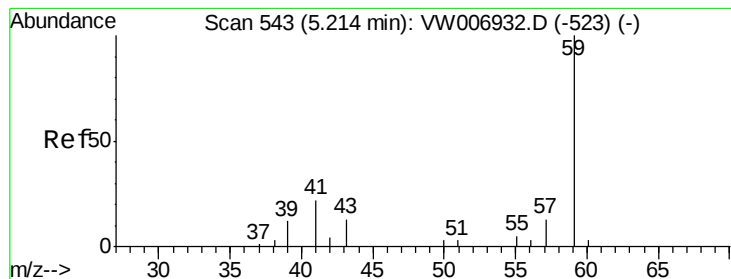


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



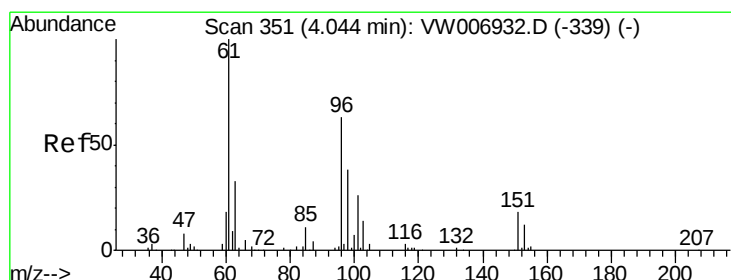
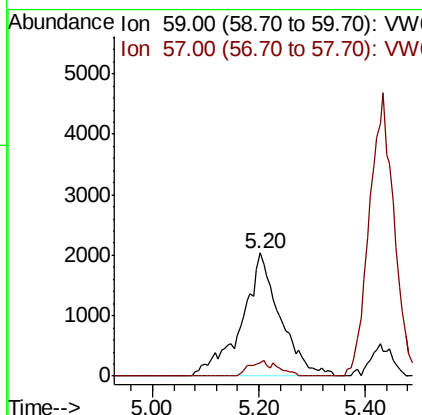
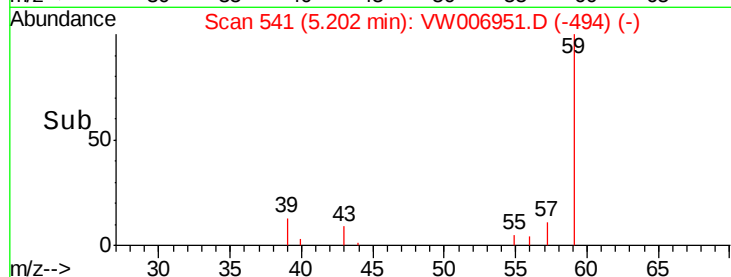
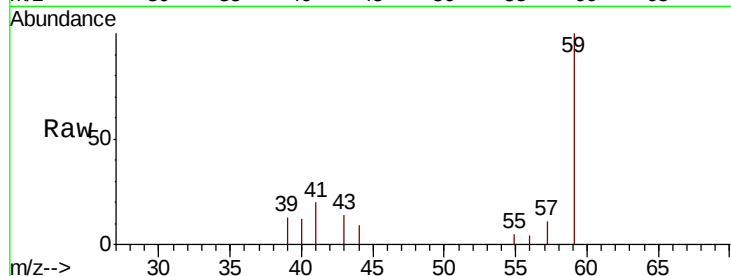


#11

Tert butyl alcohol
 Concen: 97.647 ug/l
 RT: 5.20 min Scan# 541
 Delta R.T. -0.01 min
 Lab File: VW006951.D
 Acq: 19 Nov 2018 19:18

Instrument :
 MSVOA_W
 ClientSampleID :
 VW1120SBS01

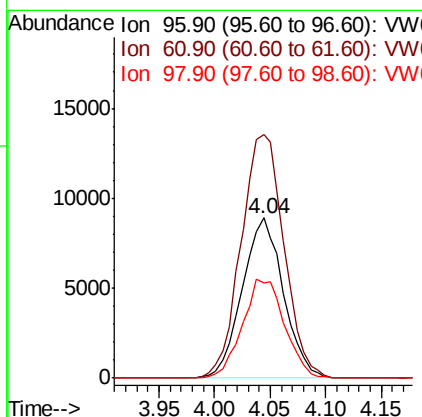
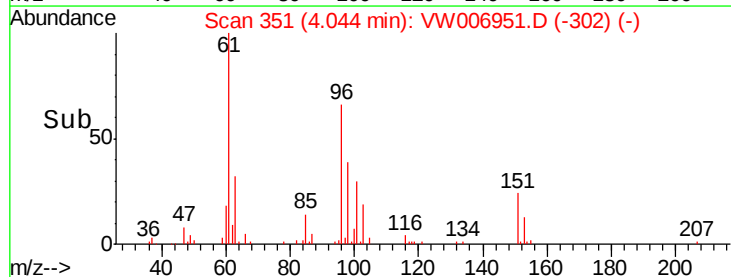
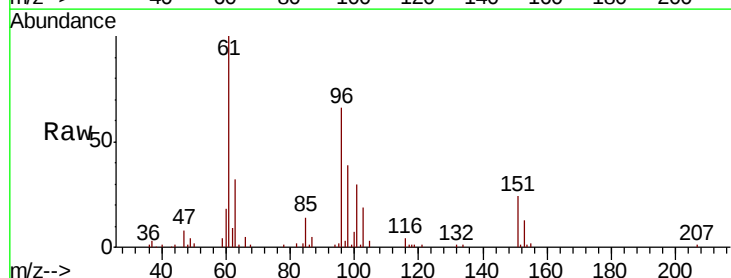
Tot Ion: 59 Resp: 10152
 Ion Ratio Lower Upper
 59 100
 57 6.2 8.8 13.2#

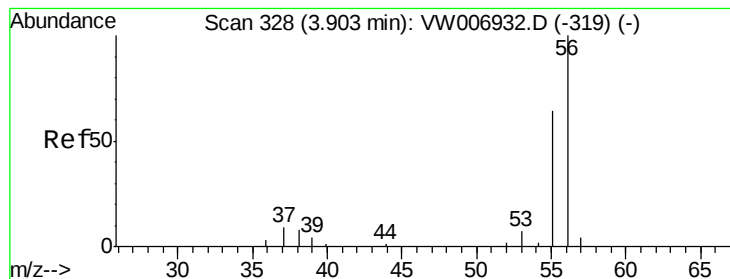


#12

1,1-Dichloroethene
 Concen: 20.247 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VW006951.D
 Acq: 19 Nov 2018 19:18

Tgt Ion: 96 Resp: 22875
 Ion Ratio Lower Upper
 96 100
 61 152.0 127.8 191.8
 98 59.1 48.3 72.5





#13

Acrolein

Concen: 113.884 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

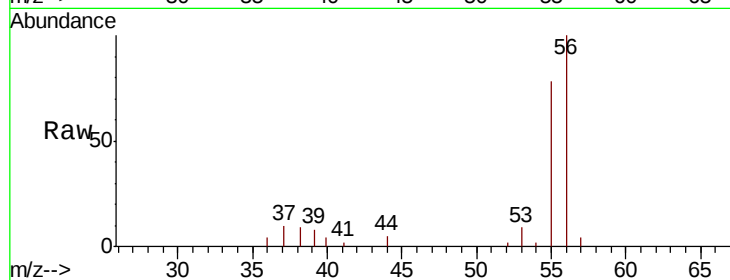
VW1120SBS01

Tot Ion: 56 Resp: 10736

Ion Ratio Lower Upper

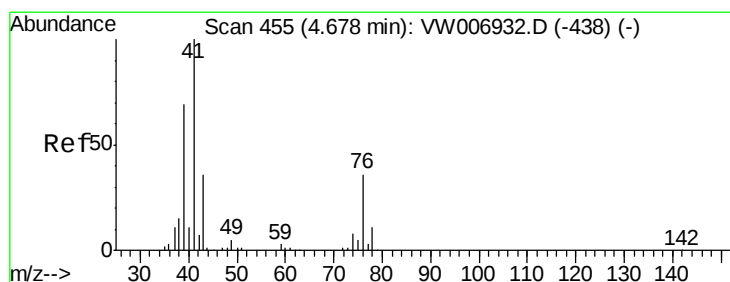
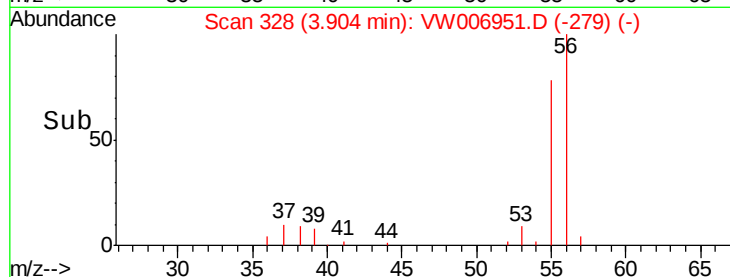
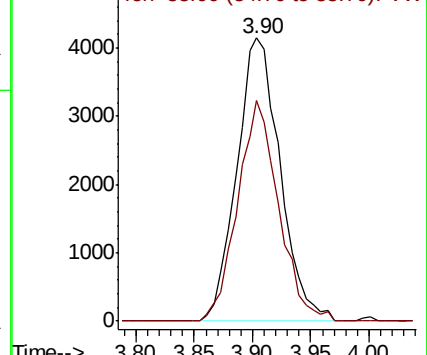
56 100

55 73.7 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 19.203 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

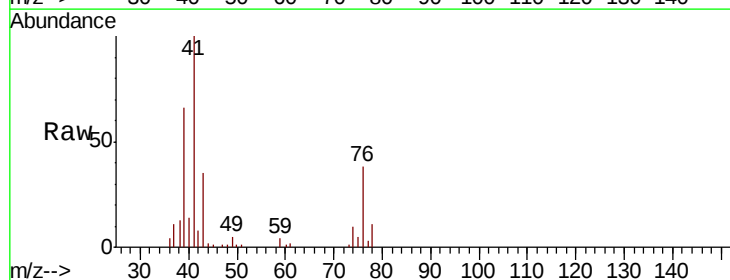
Tgt Ion: 41 Resp: 38165

Ion Ratio Lower Upper

41 100

39 68.2 55.0 82.4

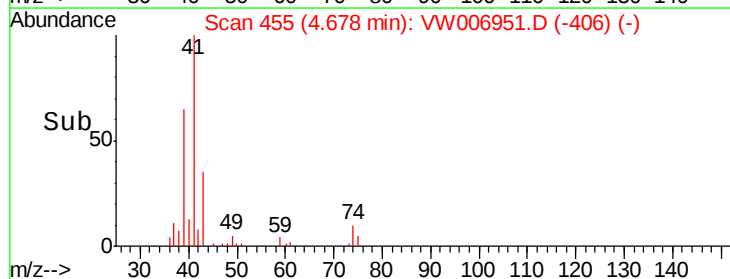
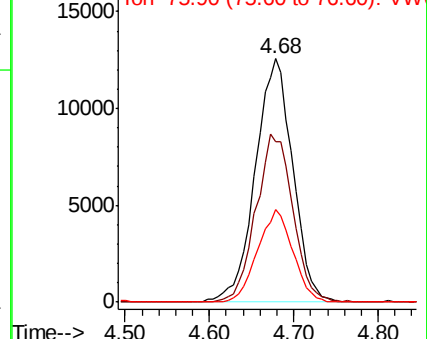
76 35.8 28.0 42.0

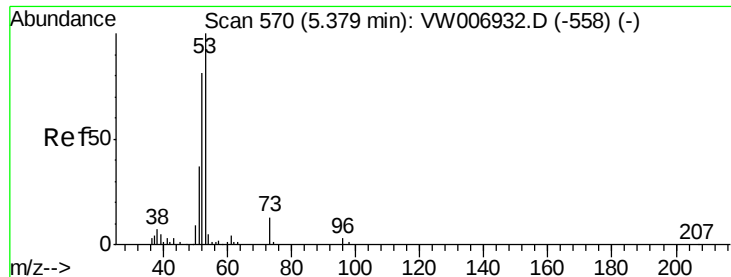


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 99.385 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBSD01

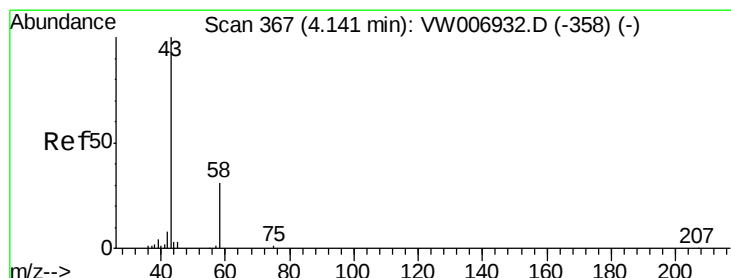
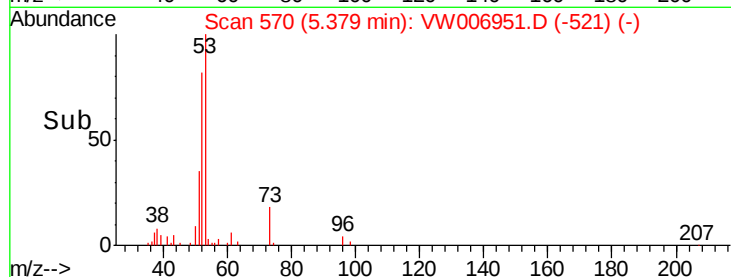
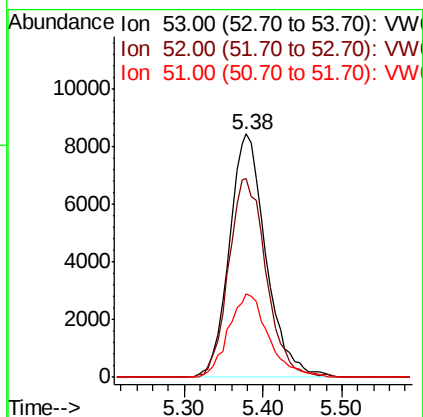
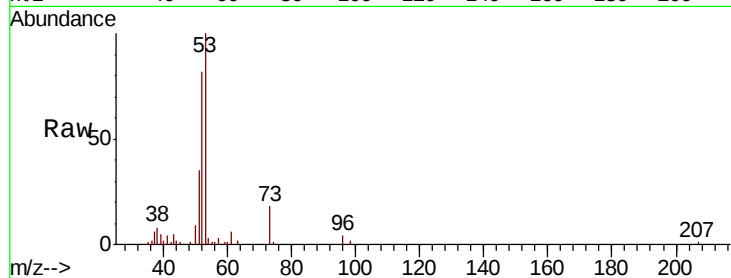
Tot Ion: 53 Resp: 27294

Ion Ratio Lower Upper

53 100

52 83.3 67.0 100.6

51 37.4 29.8 44.6



#16

Acetone

Concen: 98.138 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW006951.D

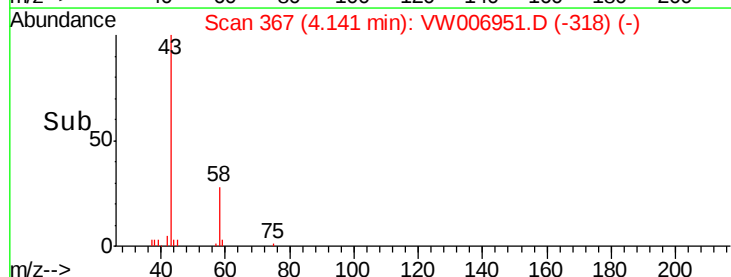
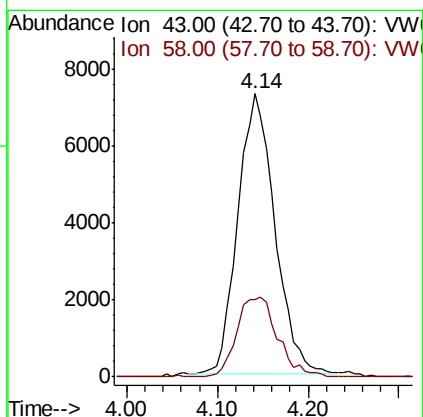
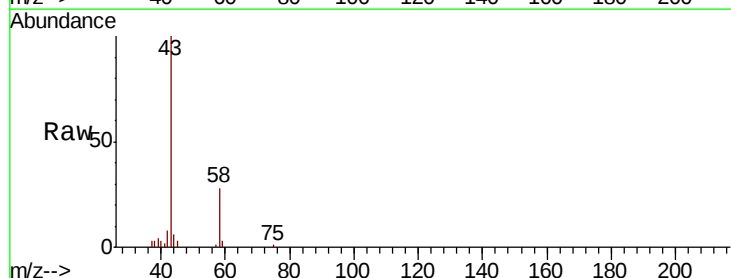
Acq: 19 Nov 2018 19:18

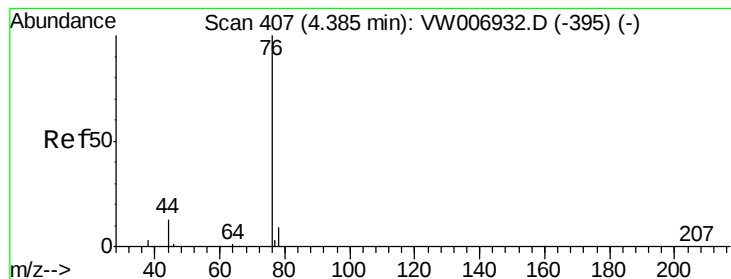
Tgt Ion: 43 Resp: 20514

Ion Ratio Lower Upper

43 100

58 27.8 24.2 36.4





#17

Carbon Disulfide

Concen: 20.131 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

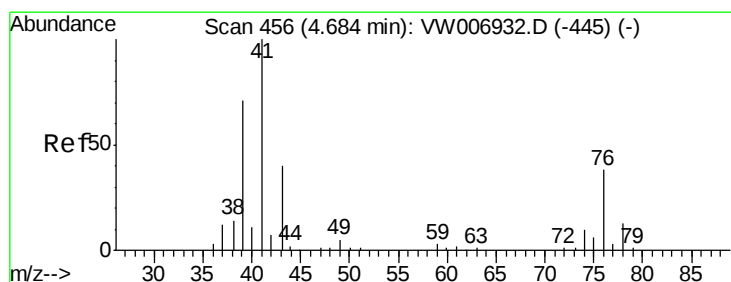
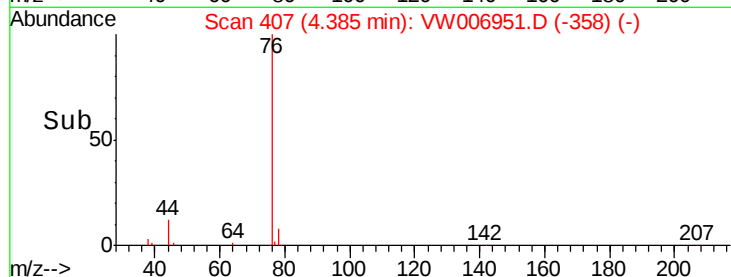
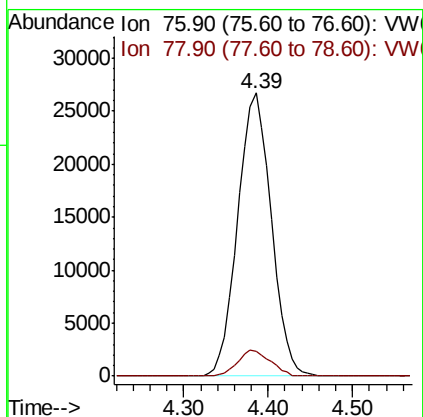
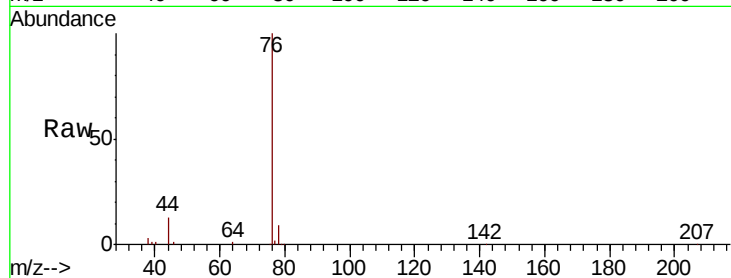
VW1120SBSD01

Tot Ion: 76 Resp: 71950

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7



#18

Methyl Acetate

Concen: 18.354 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW006951.D

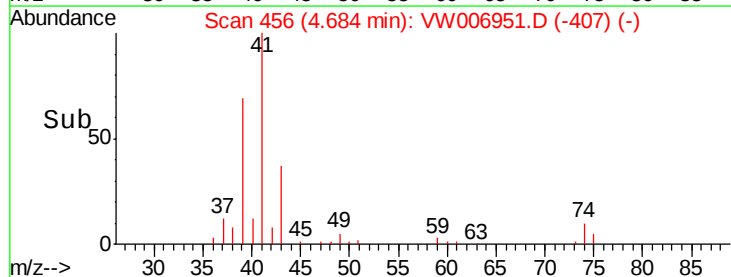
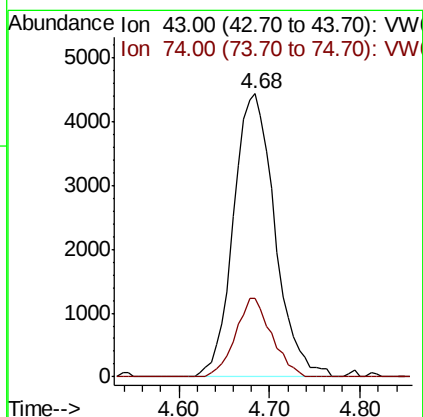
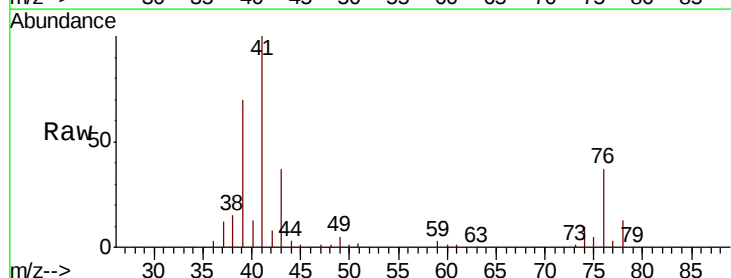
Acq: 19 Nov 2018 19:18

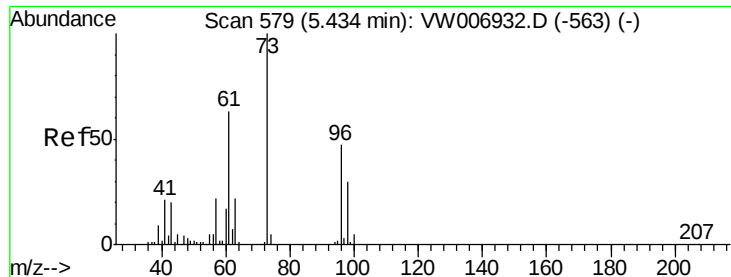
Tgt Ion: 43 Resp: 14040

Ion Ratio Lower Upper

43 100

74 24.2 20.3 30.5

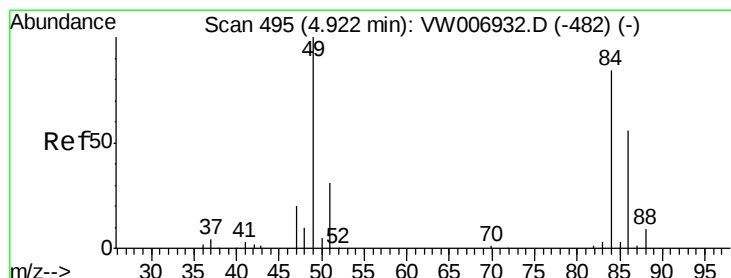
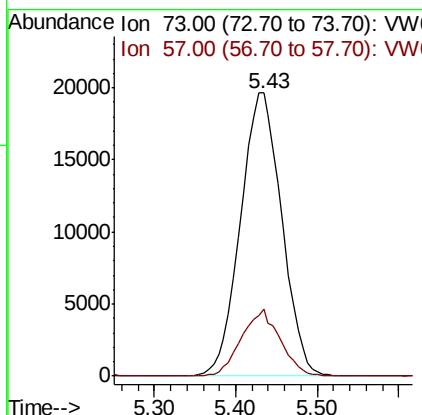
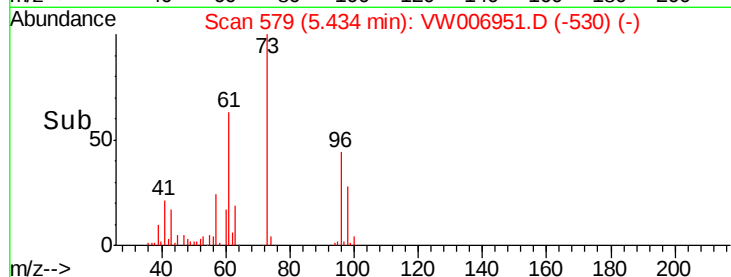
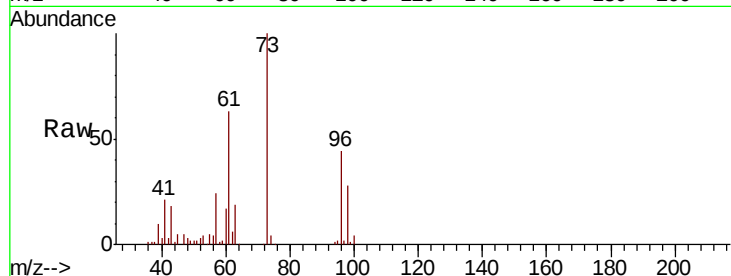




#19
Methyl tert-butyl Ether
Concen: 20.835 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

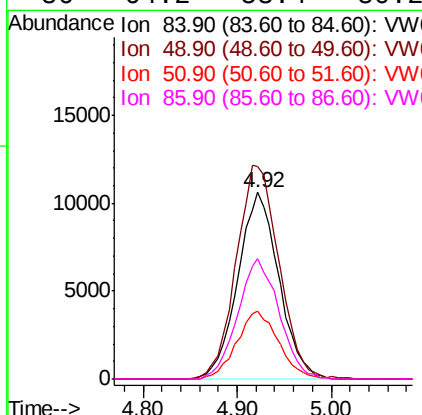
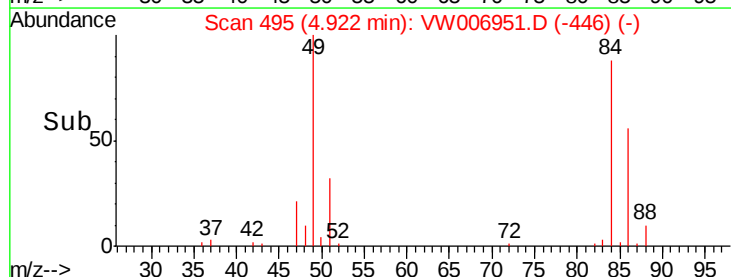
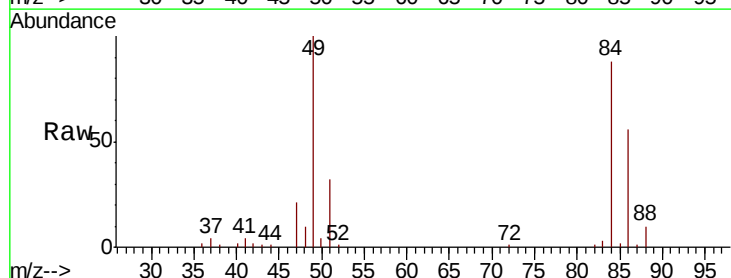
Instrument :
MSVOA_W
ClientSampleId :
VW1120SBSD01

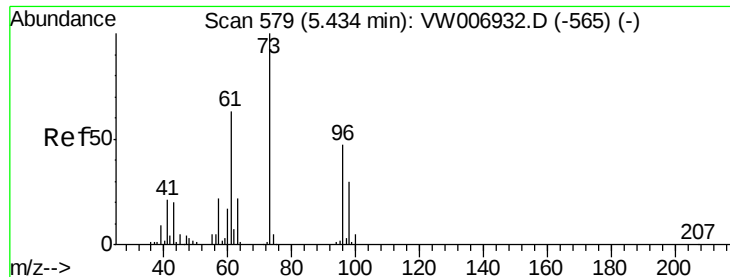
Tot Ion: 73 Resp: 69004
Ion Ratio Lower Upper
73 100
57 23.8 17.5 26.3



#20
Methylene Chloride
Concen: 20.484 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Tgt Ion: 84 Resp: 32357
Ion Ratio Lower Upper
84 100
49 114.0 95.4 143.2
51 36.6 29.5 44.3
86 64.2 53.4 80.2





#21

trans-1,2-Dichloroethene

Concen: 20.132 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBS01

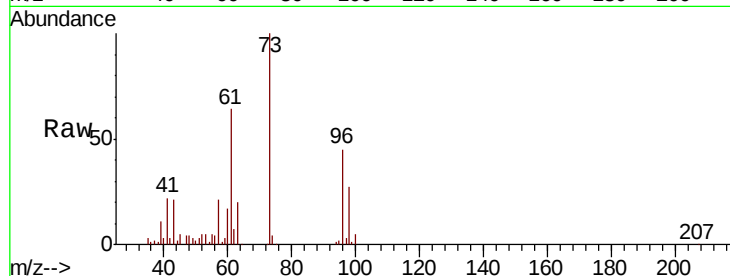
Tot Ion: 96 Resp: 27132

Ion Ratio Lower Upper

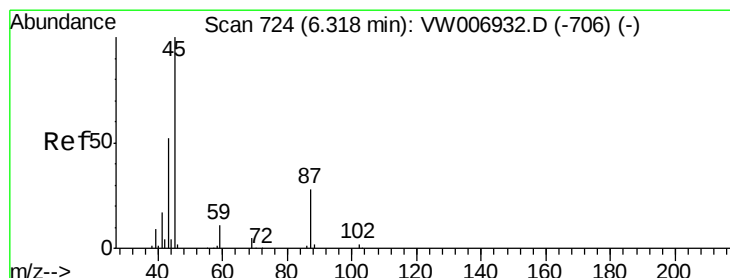
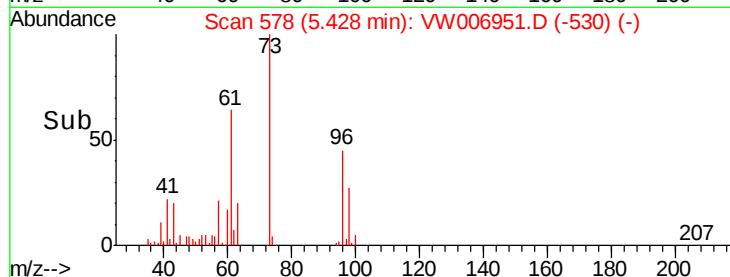
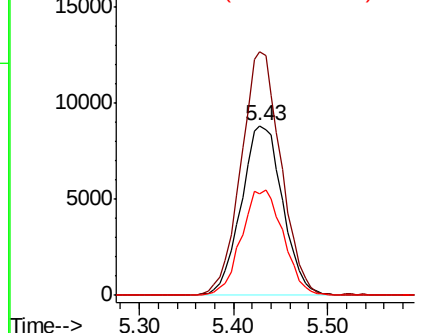
96 100

61 143.3 108.2 162.4

98 60.1 50.6 76.0



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



#22

Diisopropyl ether

Concen: 19.691 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Tgt Ion: 45 Resp: 79883

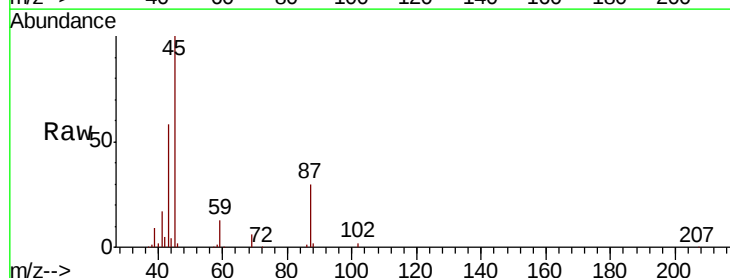
Ion Ratio Lower Upper

45 100

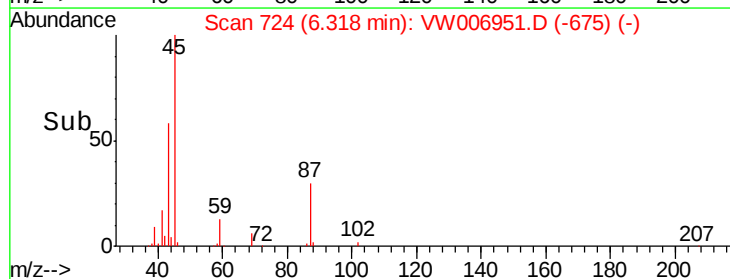
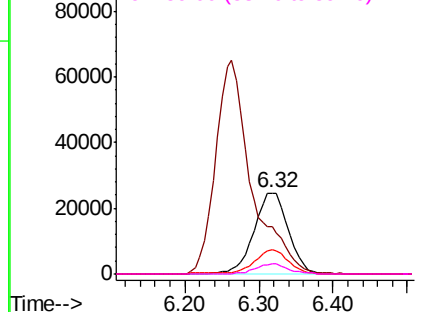
43 57.1 43.1 64.7

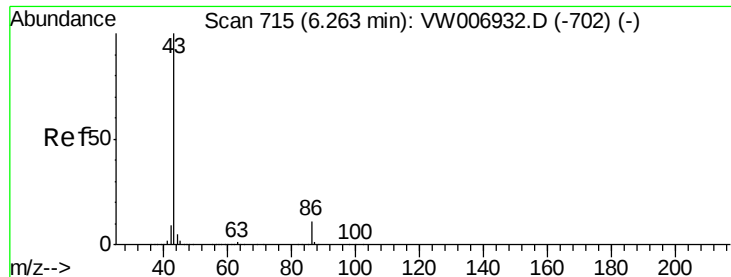
87 30.0 22.7 34.1

59 13.3 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 97.286 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

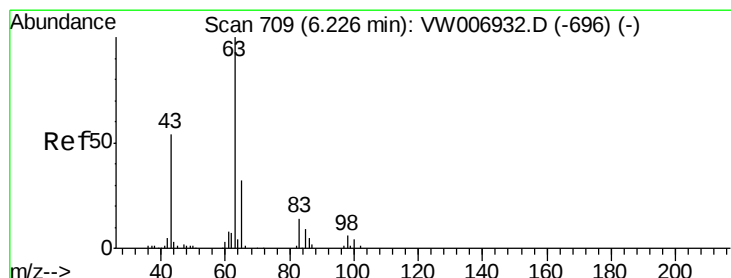
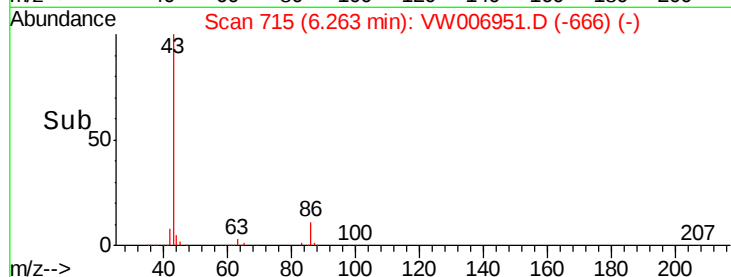
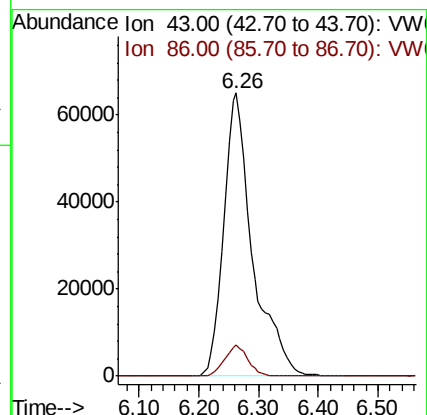
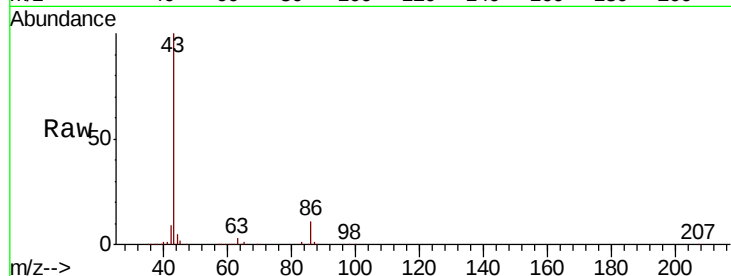
VW1120SBSD01

Tot Ion: 43 Resp: 218549

Ion Ratio Lower Upper

43 100

86 11.0 8.7 13.1



#24

1,1-Dichloroethane

Concen: 19.541 ug/l

RT: 6.23 min Scan# 709

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

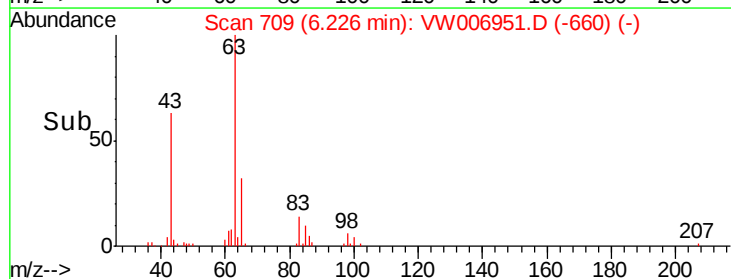
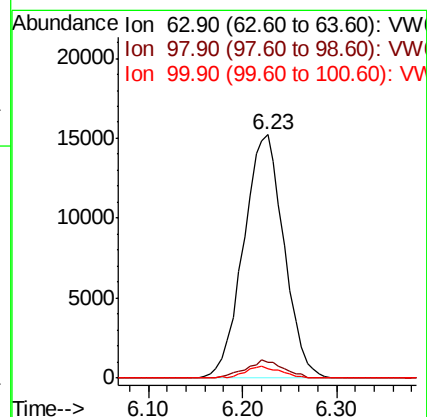
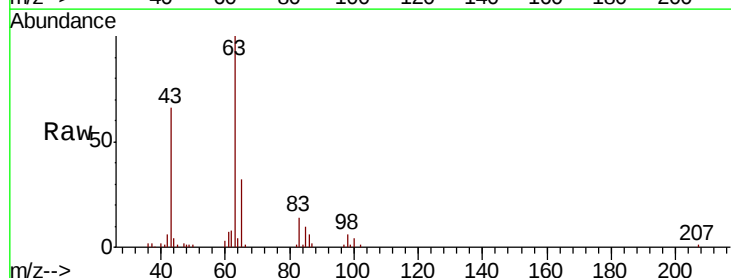
Tgt Ion: 63 Resp: 45648

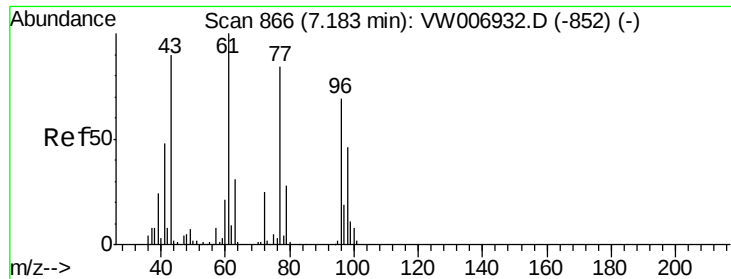
Ion Ratio Lower Upper

63 100

98 6.2 3.2 9.6

100 3.7 2.1 6.5





#25

2-Butanone

Concen: 105.273 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

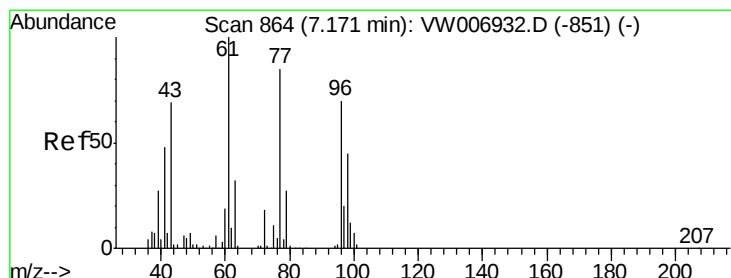
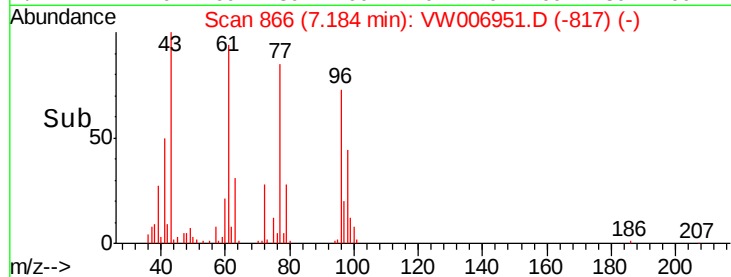
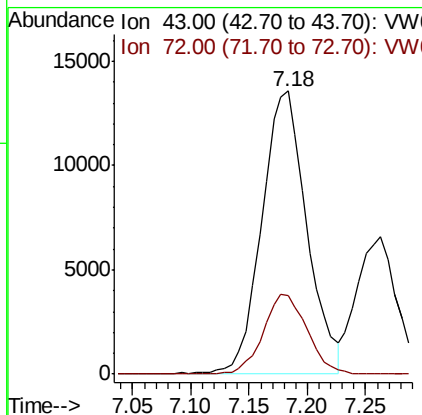
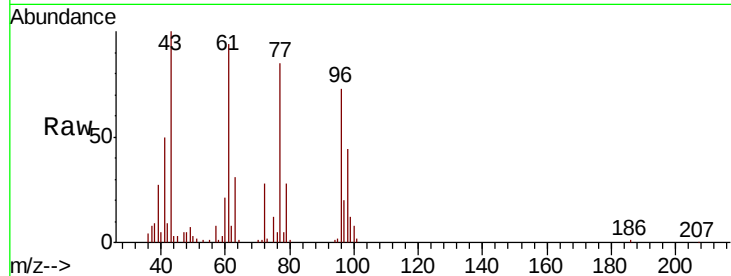
VW1120SBSD01

Tot Ion: 43 Resp: 36546

Ion Ratio Lower Upper

43 100

72 27.7 22.1 33.1



#26

2,2-Dichloropropane

Concen: 20.181 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006951.D

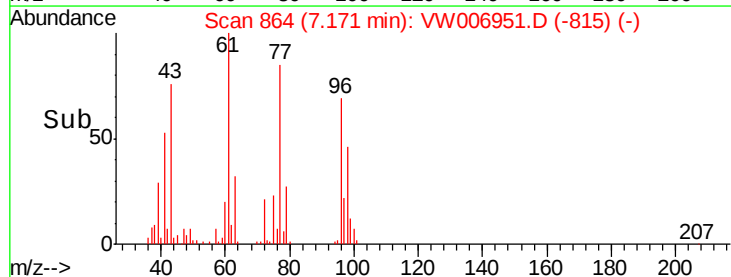
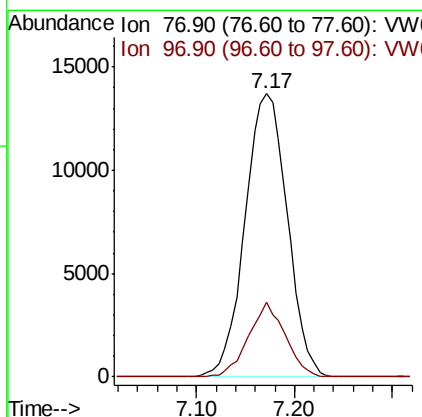
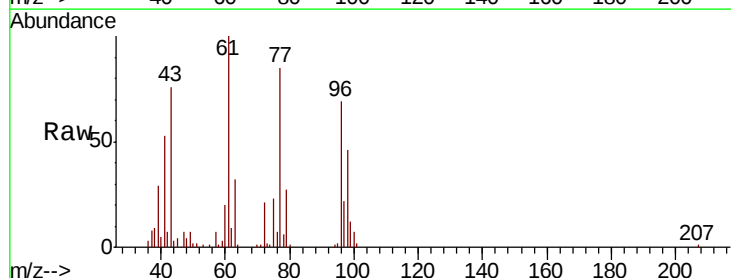
Acq: 19 Nov 2018 19:18

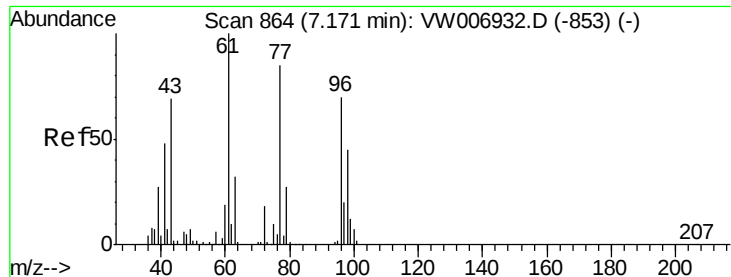
Tgt Ion: 77 Resp: 41133

Ion Ratio Lower Upper

77 100

97 22.7 11.3 33.9

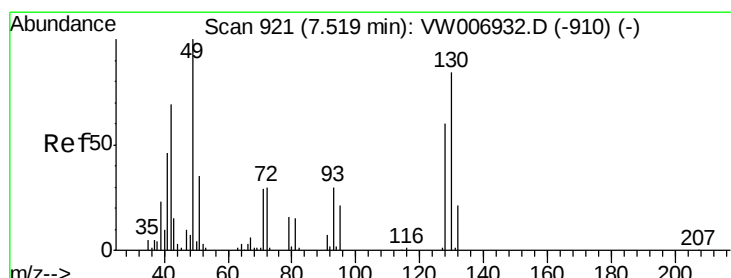
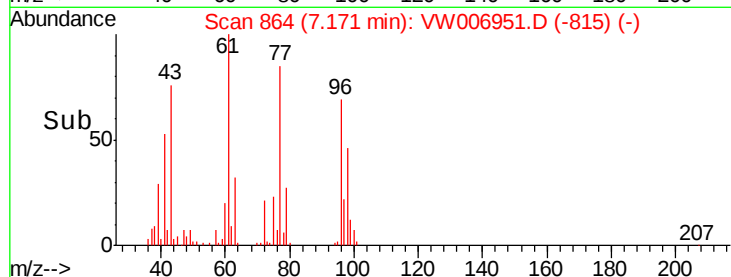
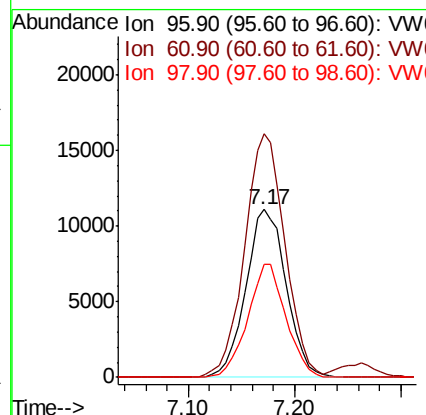
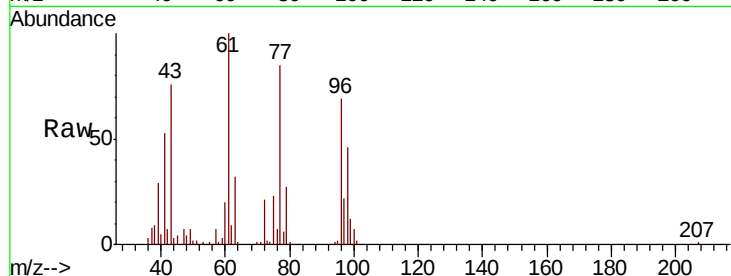




#27
 cis-1,2-Dichloroethene
 Concen: 19.706 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW006951.D
 Acq: 19 Nov 2018 19:18

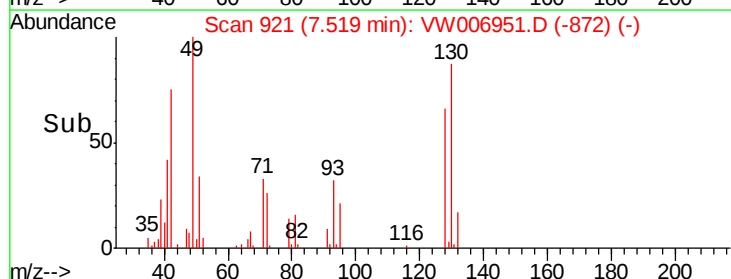
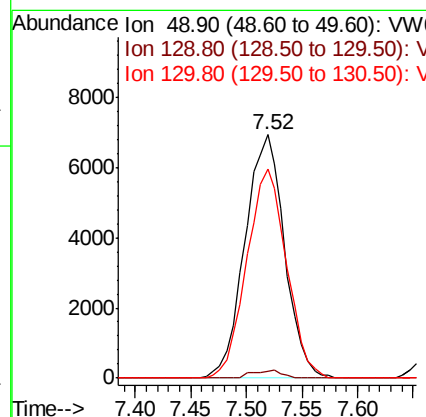
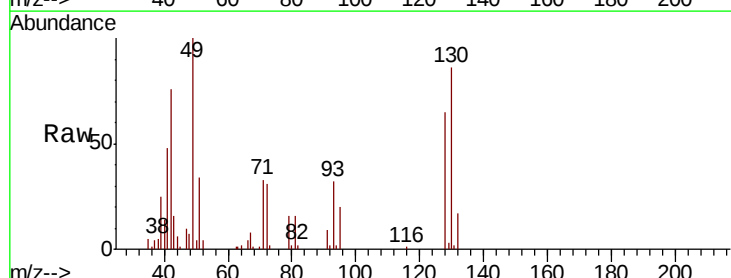
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBSD01

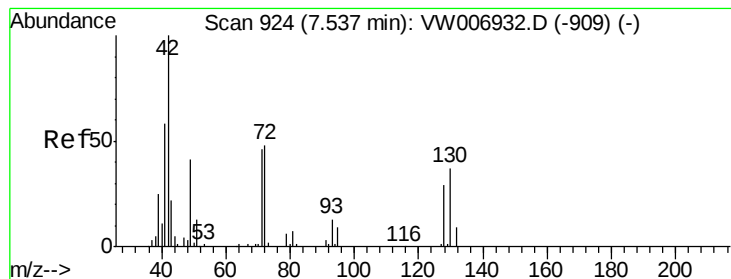
Tot Ion: 96 Resp: 29527
 Ion Ratio Lower Upper
 96 100
 61 144.7 0.0 293.8
 98 63.6 0.0 131.0



#28
 Bromochloromethane
 Concen: 19.974 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VW006951.D
 Acq: 19 Nov 2018 19:18

Tgt Ion: 49 Resp: 17137
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 1.6#
 130 86.2 66.1 99.1





#29

Tetrahydrofuran

Concen: 102.735 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBS01

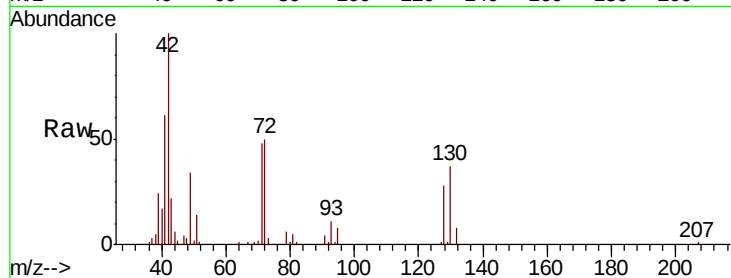
Tot Ion: 42 Resp: 23194

Ion Ratio Lower Upper

42 100

72 43.7 35.7 53.5

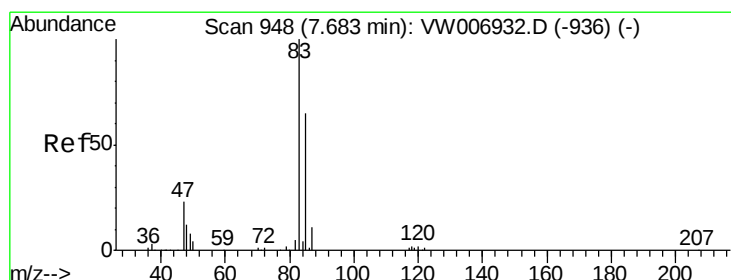
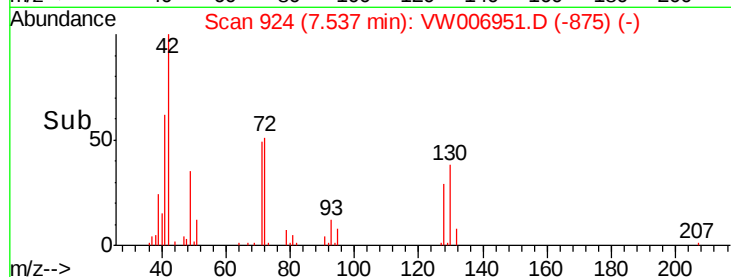
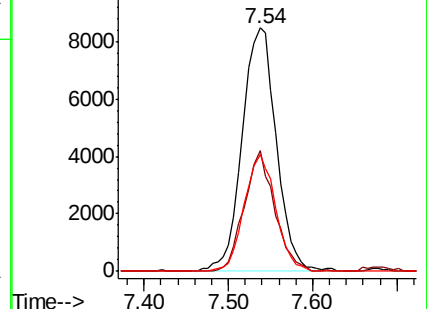
71 43.8 33.7 50.5



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: 19.155 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.01 min

Lab File: VW006951.D

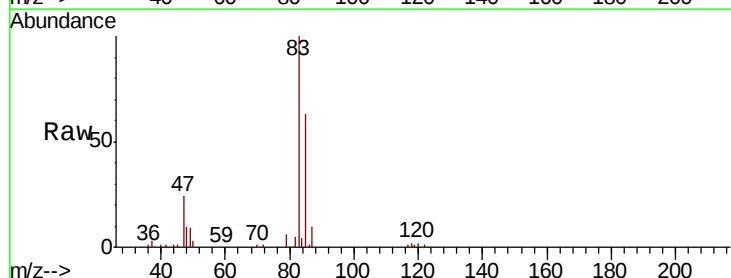
Acq: 19 Nov 2018 19:18

Tgt Ion: 83 Resp: 49054

Ion Ratio Lower Upper

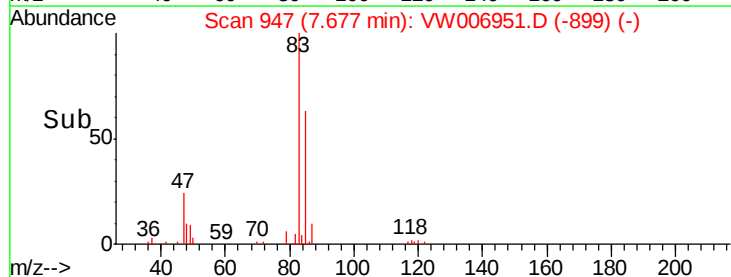
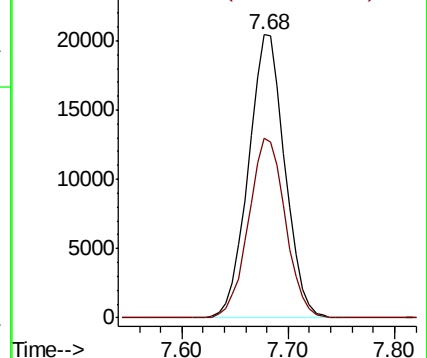
83 100

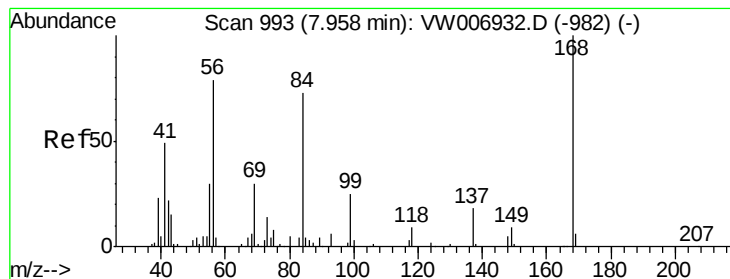
85 63.4 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 21.374 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBSD01

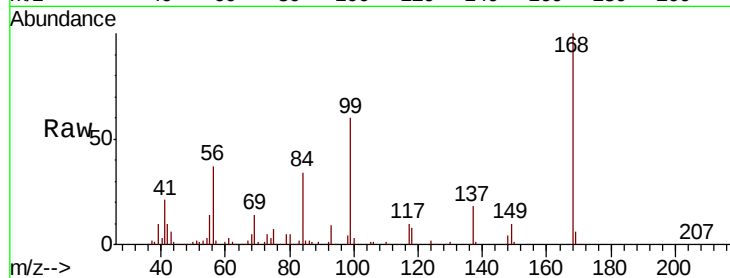
Tot Ion: 56 Resp: 50020

Ion Ratio Lower Upper

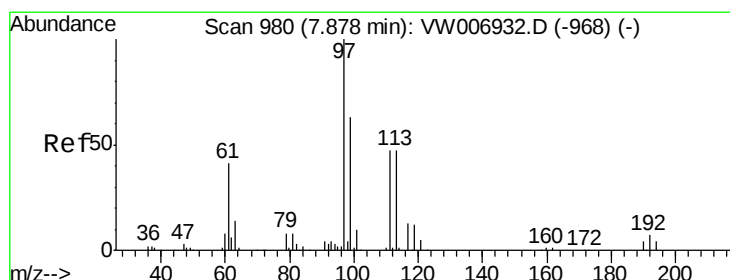
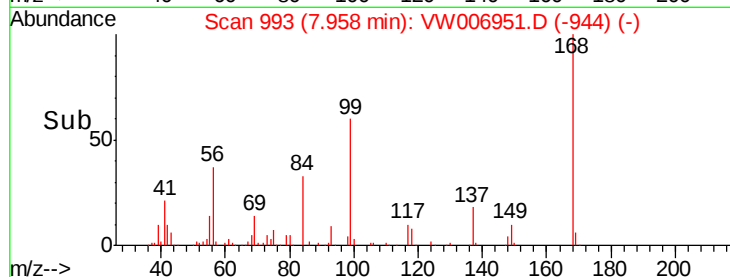
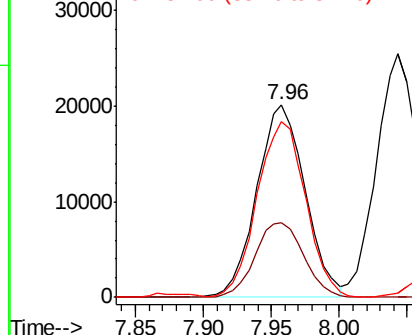
56 100

69 38.7 30.2 45.2

84 89.8 73.6 110.4



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



#32

1,1,1-Trichloroethane

Concen: 20.777 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

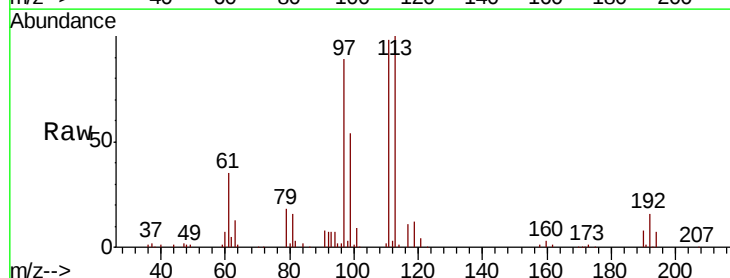
Tgt Ion: 97 Resp: 45808

Ion Ratio Lower Upper

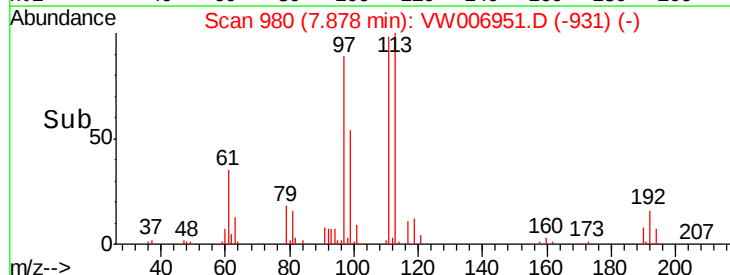
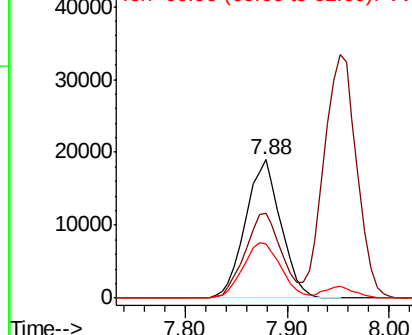
97 100

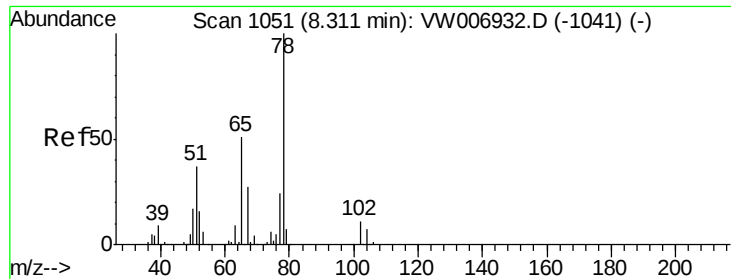
99 62.4 51.0 76.6

61 42.7 34.2 51.2



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

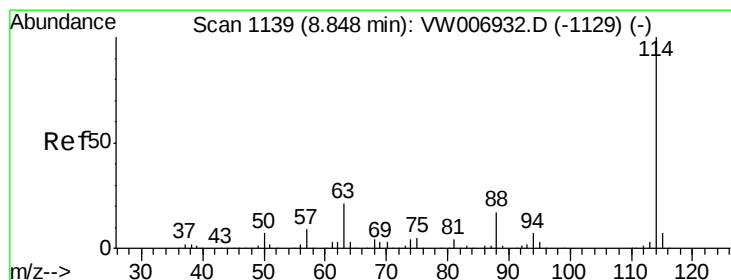
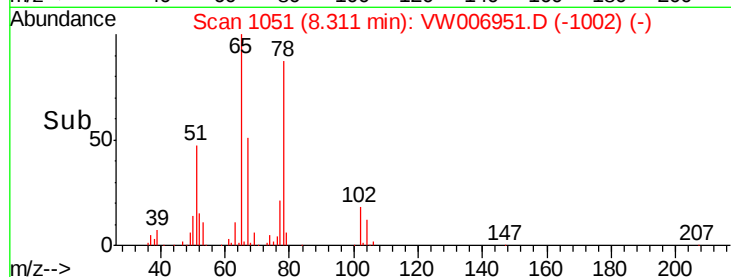
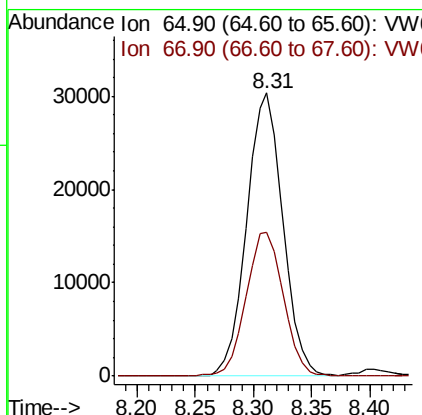
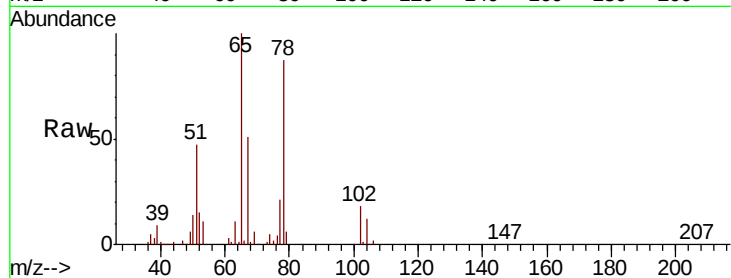




#33
 1,2-Dichloroethane-d4
 Concen: 48.209 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006951.D
 Acq: 19 Nov 2018 19:18

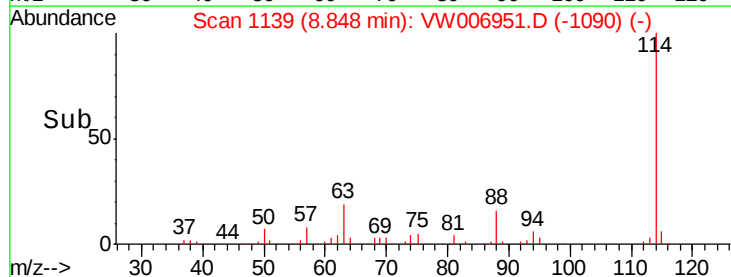
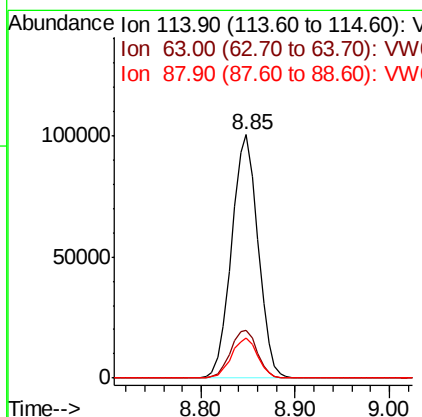
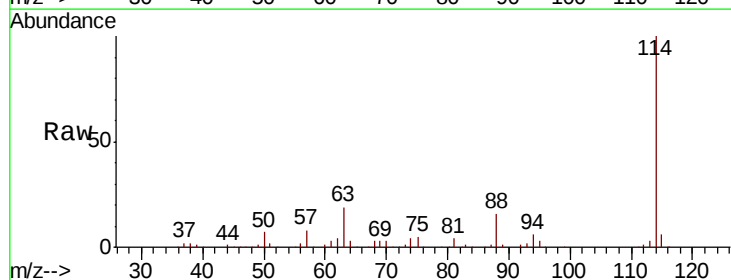
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBSD01

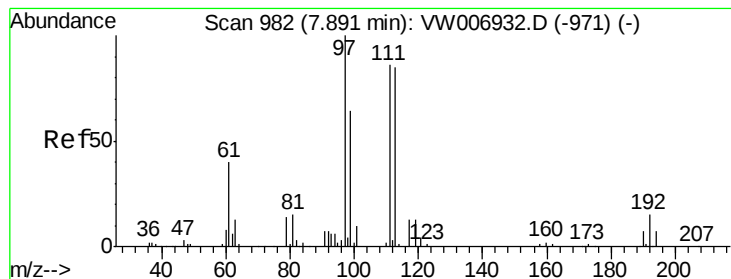
Tot Ion: 65 Resp: 65883
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006951.D
 Acq: 19 Nov 2018 19:18

Tgt Ion: 114 Resp: 196023
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 42.2
 88 16.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.460 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBSD01

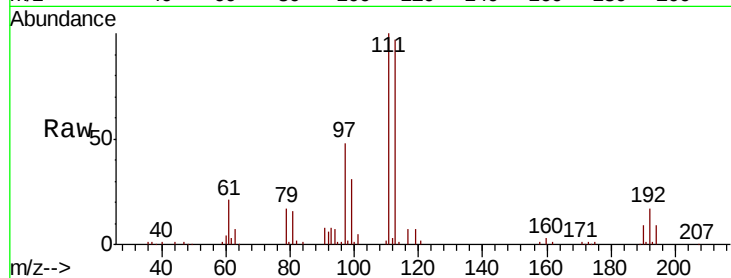
Tot Ion:113 Resp: 57917

Ion Ratio Lower Upper

113 100

111 102.2 81.7 122.5

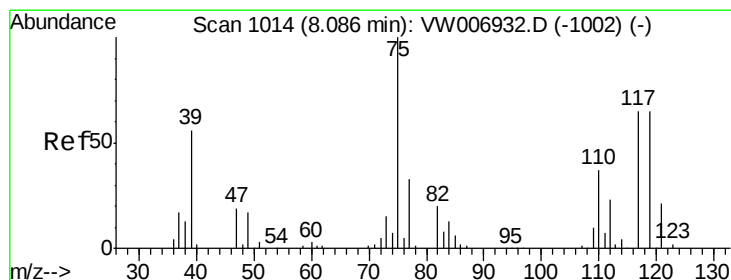
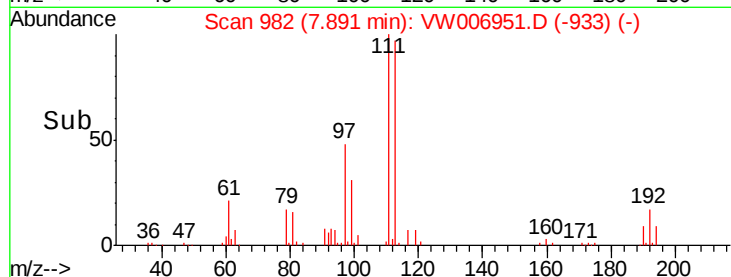
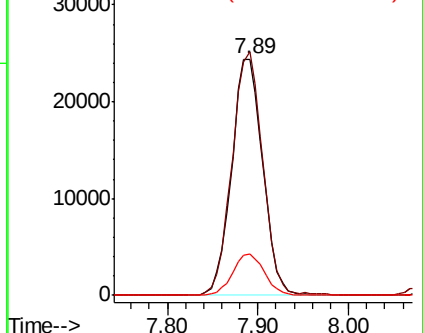
192 17.8 13.9 20.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 22.114 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

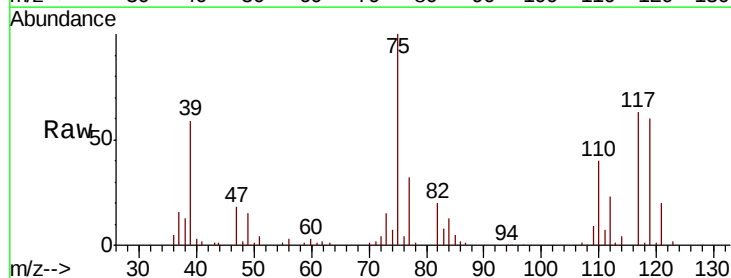
Tgt Ion: 75 Resp: 41296

Ion Ratio Lower Upper

75 100

110 35.7 18.1 54.1

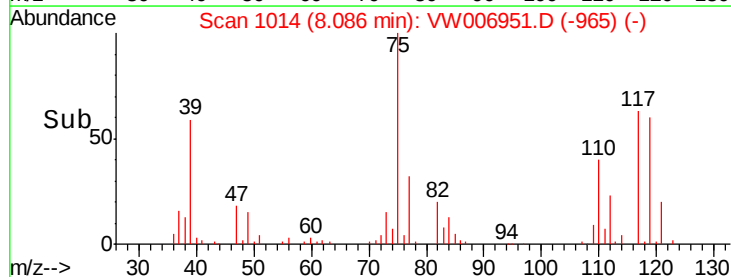
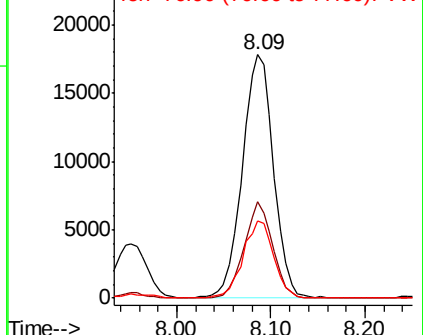
77 31.4 25.4 38.0

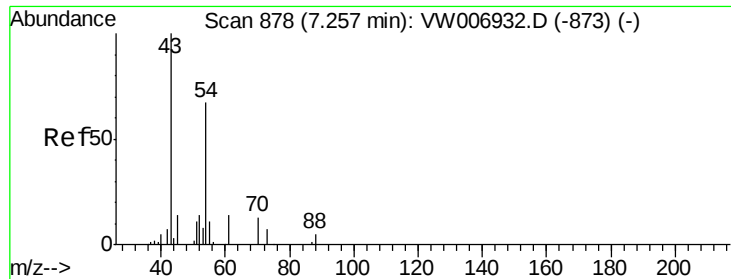


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

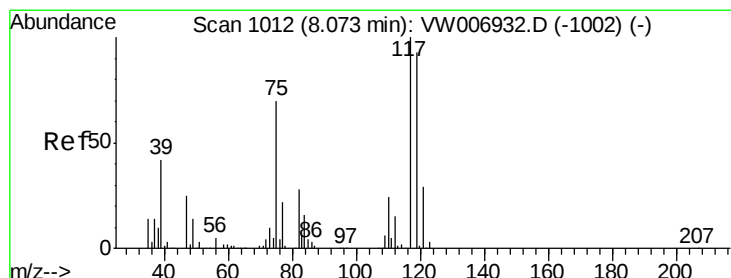
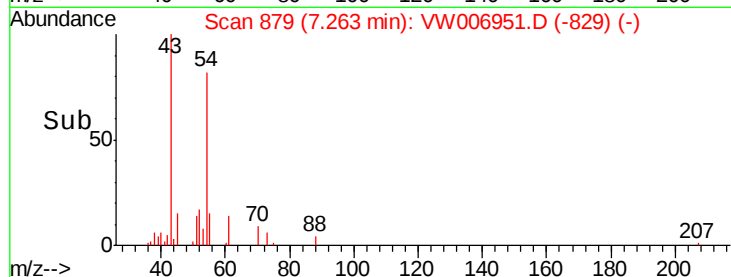
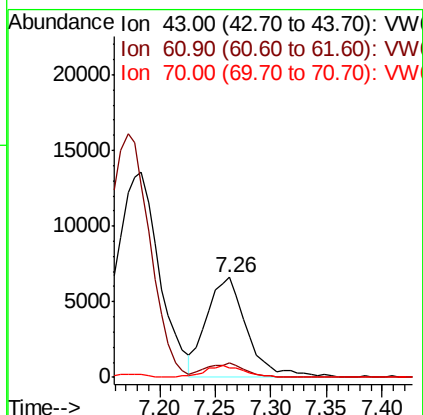
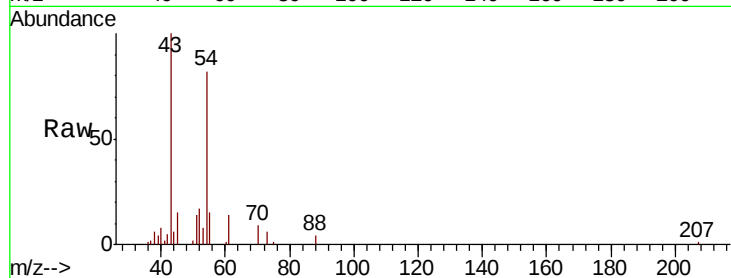




#37
Ethyl Acetate
Concen: 21.171 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

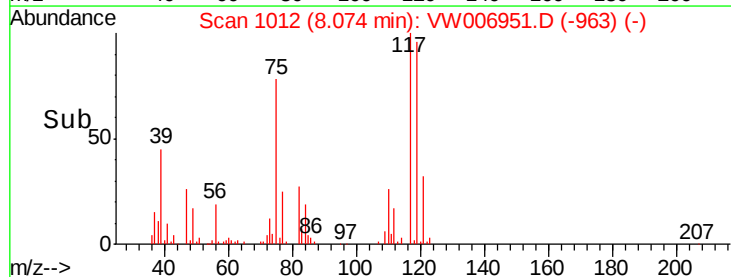
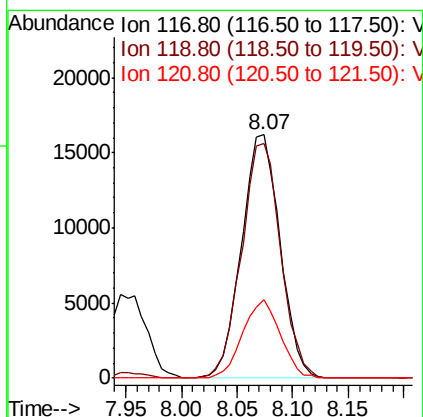
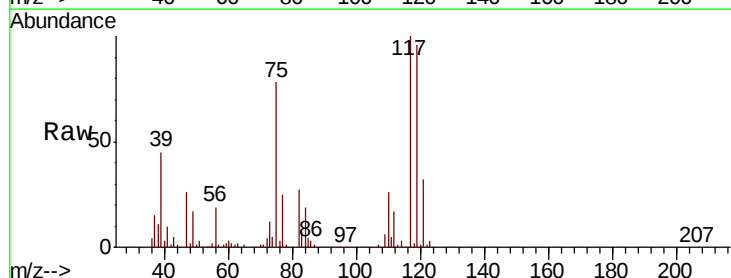
Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

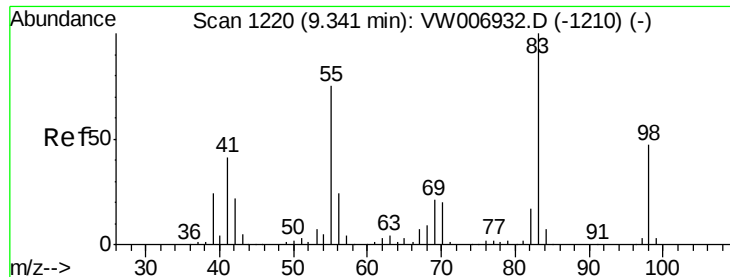
Tot Ion: 43 Resp: 16810
Ion Ratio Lower Upper
43 100
61 13.6 11.0 16.6
70 11.2 8.8 13.2



#38
Carbon Tetrachloride
Concen: 21.320 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Tgt Ion: 117 Resp: 39127
Ion Ratio Lower Upper
117 100
119 96.2 74.2 111.4
121 32.4 23.5 35.3

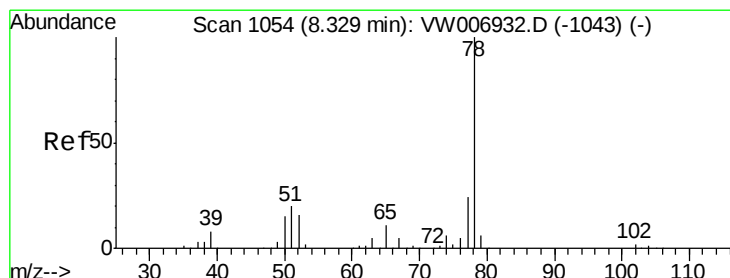
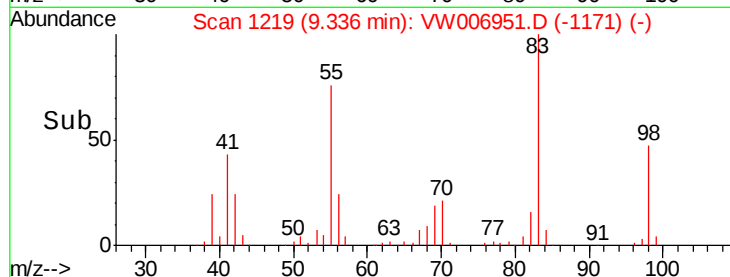
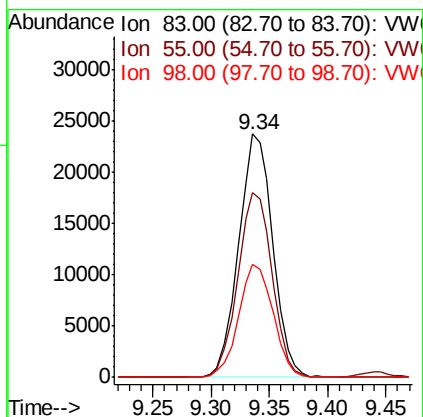
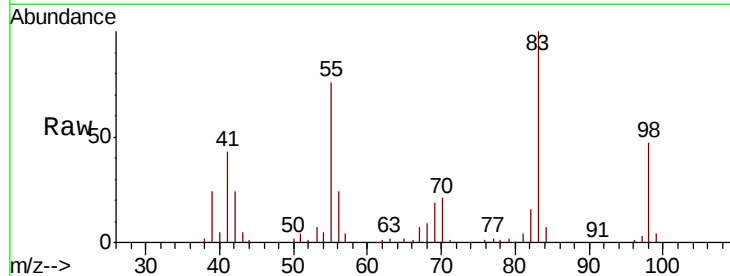




#39
Methvlcvclohexane
Concen: 20.956 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

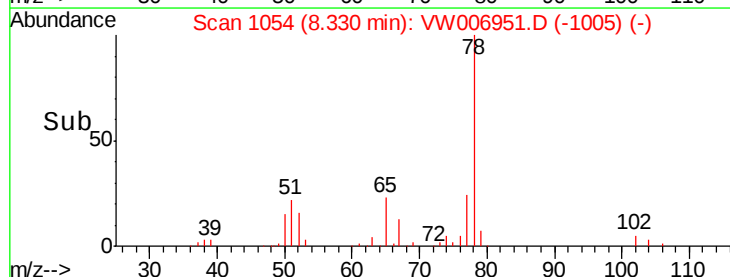
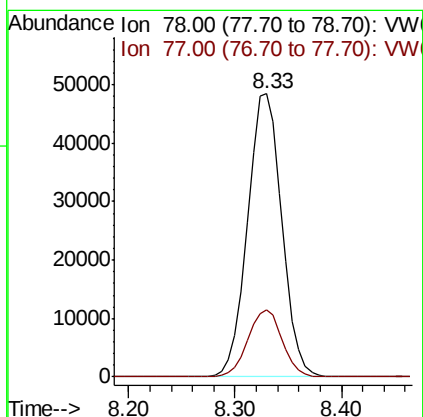
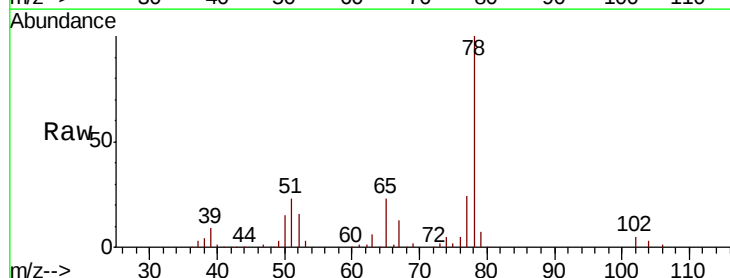
Instrument :
MSVOA_W
ClientSampleId :
VW1120SBSD01

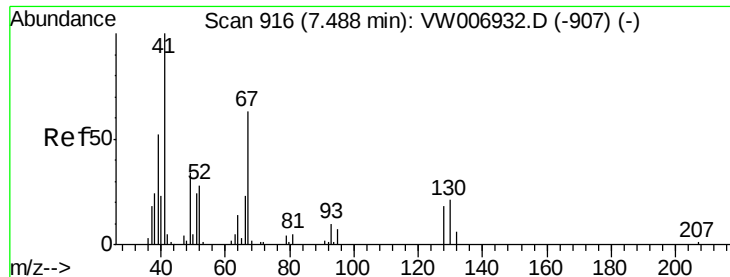
Tot Ion: 83 Resp: 48567
Ion Ratio Lower Upper
83 100
55 76.0 60.2 90.4
98 46.6 37.3 55.9



#40
Benzene
Concen: 20.742 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Tgt Ion: 78 Resp: 109472
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9

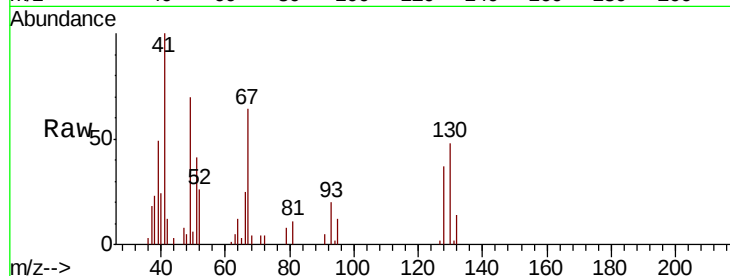




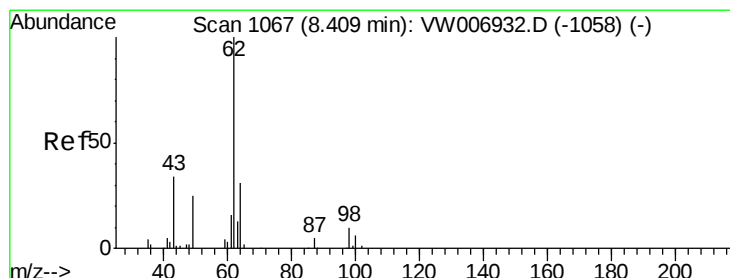
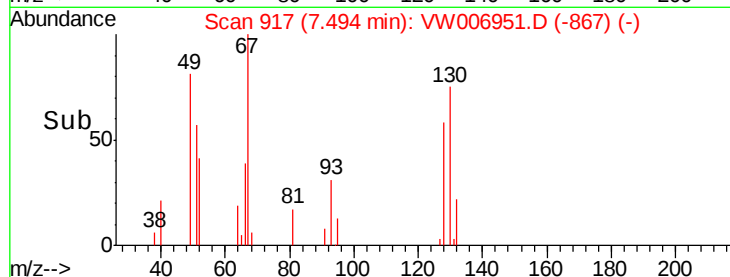
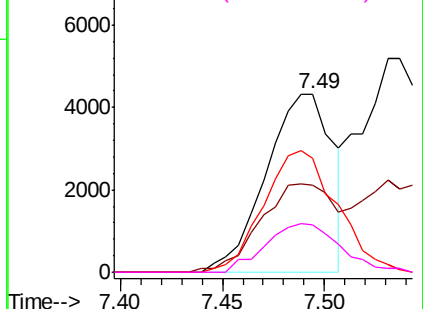
#41
Methacrylonitrile
Concen: 20.275 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBSD01

Tot Ion:	41	Resp:	9860
Ion	Ratio	Lower	Upper
41	100		
39	54.1	41.8	62.6
67	74.4	54.7	82.1
52	30.5	23.8	35.8

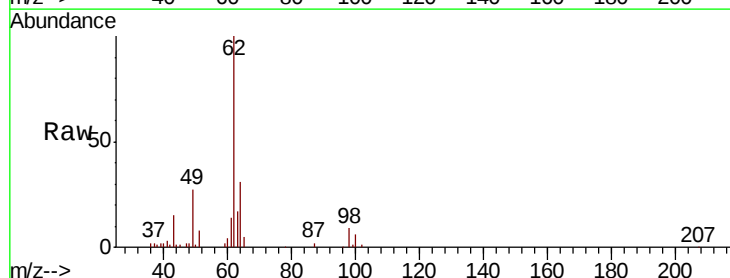


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

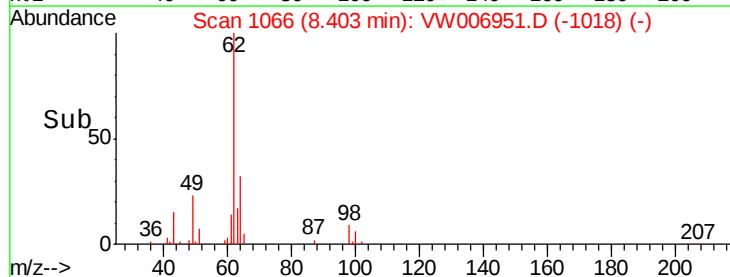
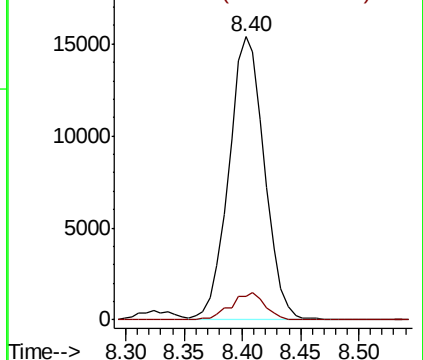


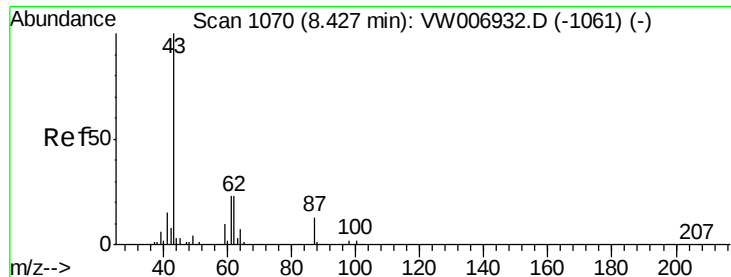
#42
1,2-Dichloroethane
Concen: 20.703 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Tgt Ion:	62	Resp:	32711
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 19.958 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBS01

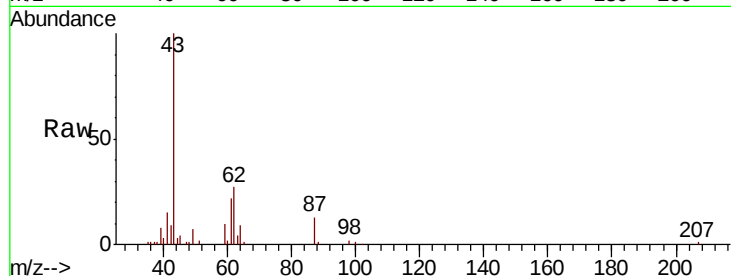
Tot Ion: 43 Resp: 30406

Ion Ratio Lower Upper

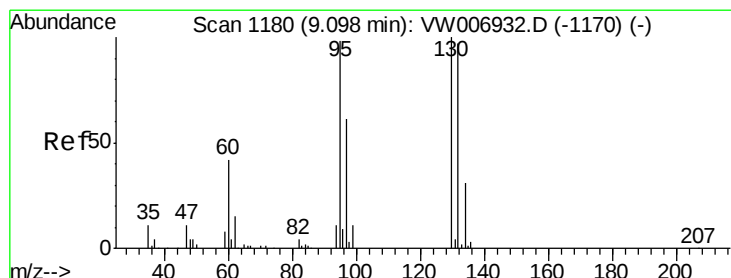
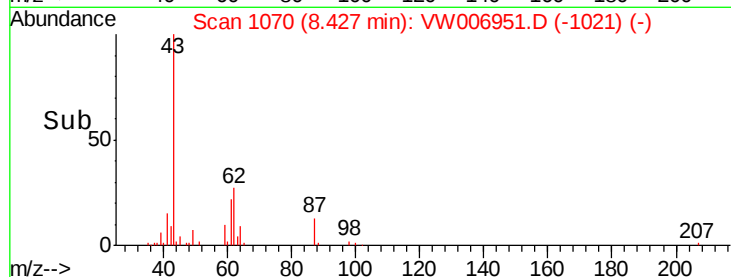
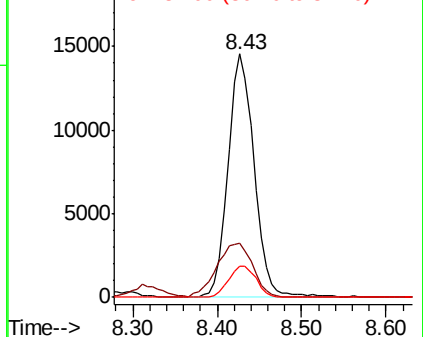
43 100

61 30.8 24.6 37.0

87 13.4 11.0 16.6



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



#44

Trichloroethene

Concen: 21.563 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VW006951.D

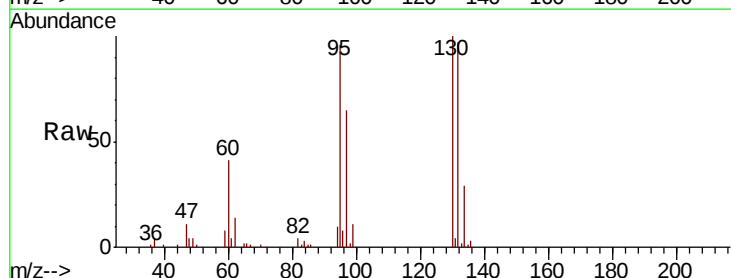
Acq: 19 Nov 2018 19:18

Tgt Ion: 130 Resp: 30599

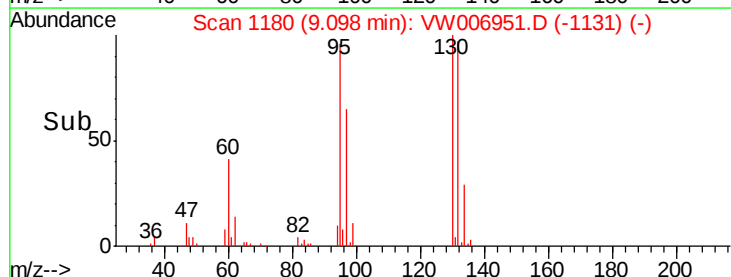
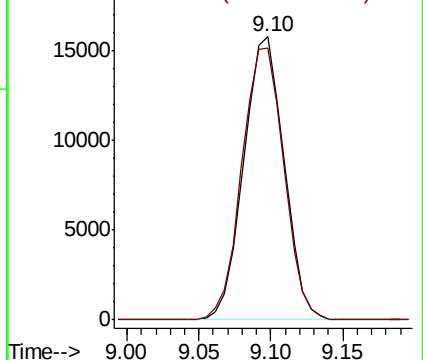
Ion Ratio Lower Upper

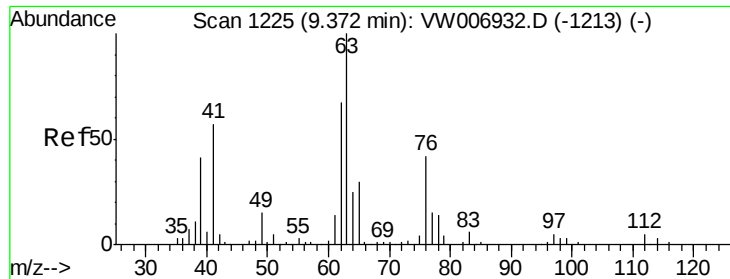
130 100

95 96.2 0.0 196.4



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





#45

1,2-Dichloropropane

Concen: 20.935 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

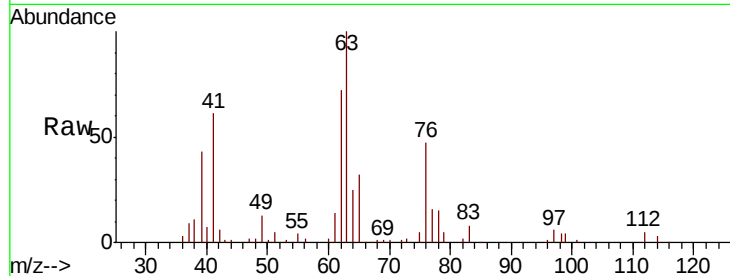
VW1120SBS01

Tot Ion: 63 Resp: 27910

Ion Ratio Lower Upper

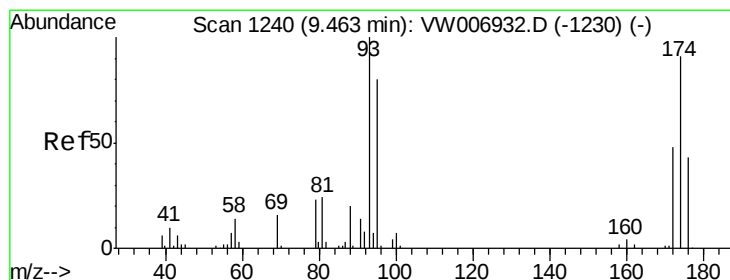
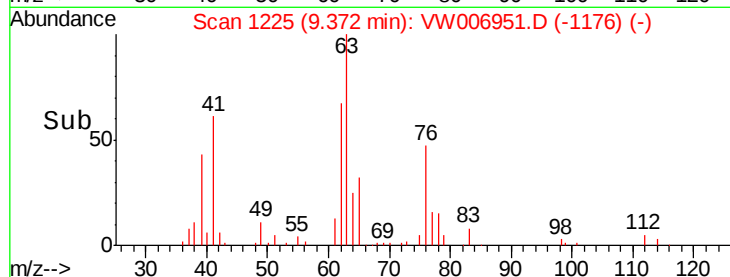
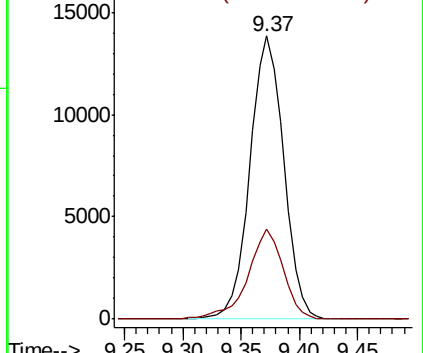
63 100

65 31.6 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 20.686 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

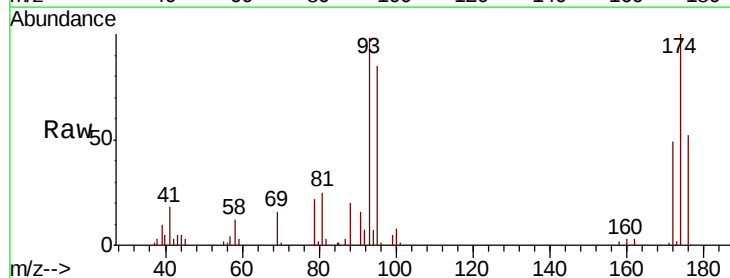
Tgt Ion: 93 Resp: 13966

Ion Ratio Lower Upper

93 100

95 84.1 65.7 98.5

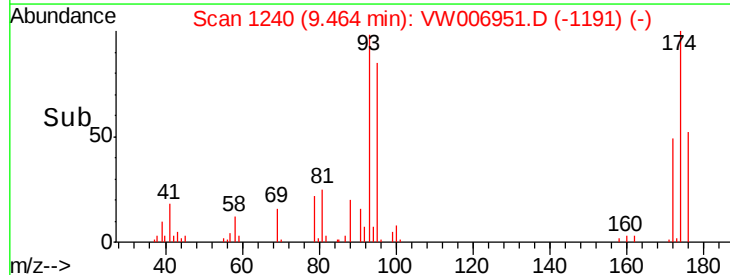
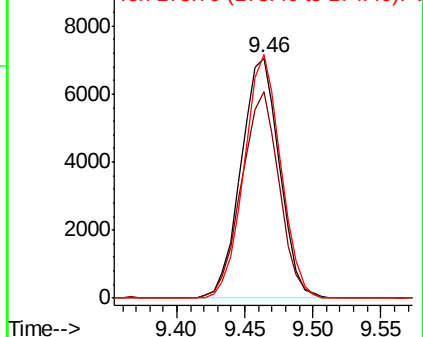
174 96.6 75.0 112.4

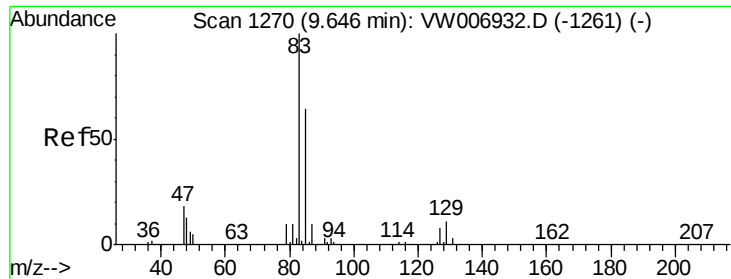


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V

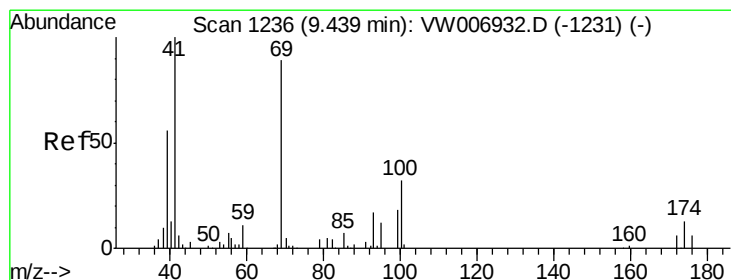
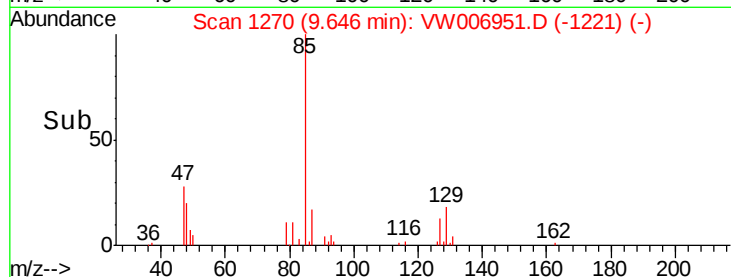
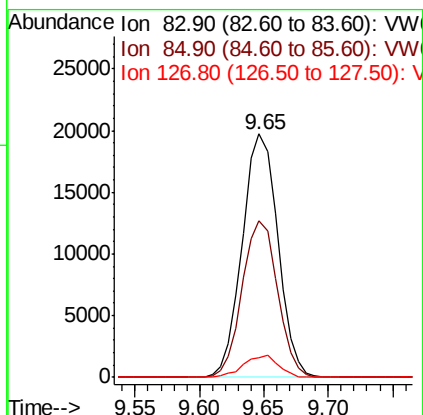
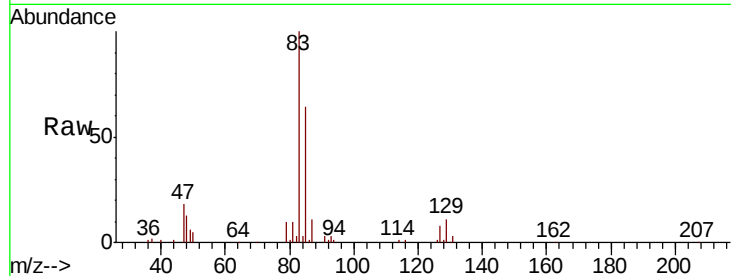




#47
Bromodichloromethane
Concen: 21.274 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

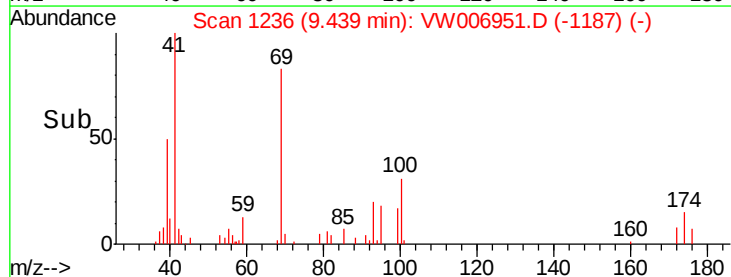
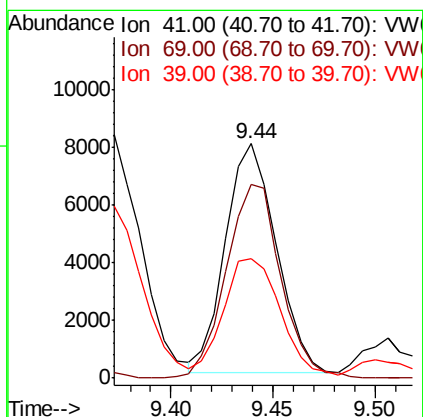
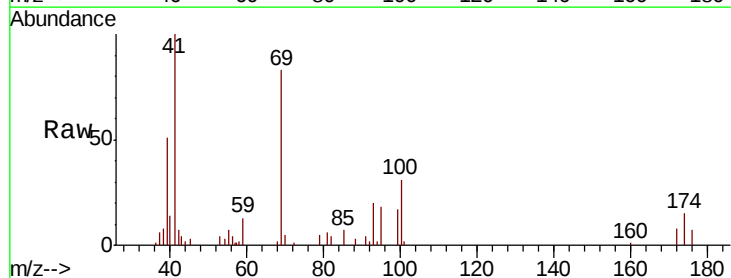
Instrument :
MSVOA_W
ClientSampleId :
VW1120SBSD01

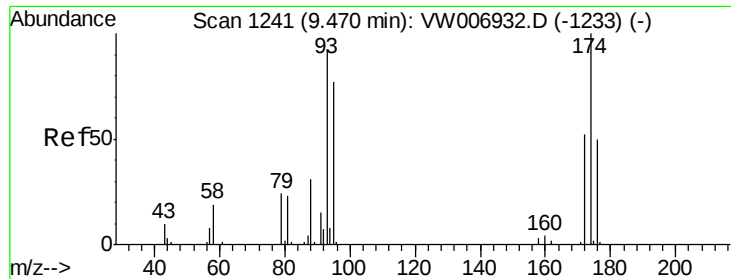
Tot Ion: 83 Resp: 37820
Ion Ratio Lower Upper
83 100
85 64.1 50.8 76.2
127 8.1 6.6 10.0



#48
Methyl methacrylate
Concen: 18.762 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Tgt Ion: 41 Resp: 13793
Ion Ratio Lower Upper
41 100
69 90.8 73.4 110.0
39 55.7 46.1 69.1





#49

1,4-Dioxane

Concen: 375.334 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBSD01

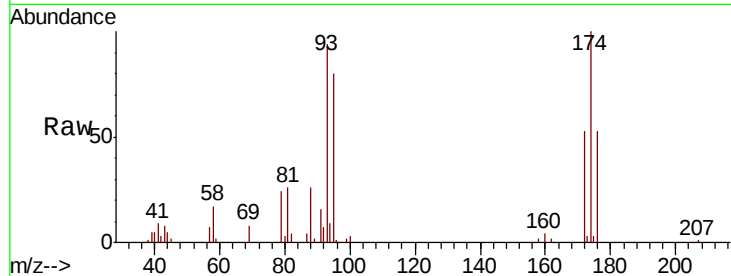
Tot Ion: 88 Resp: 3840

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

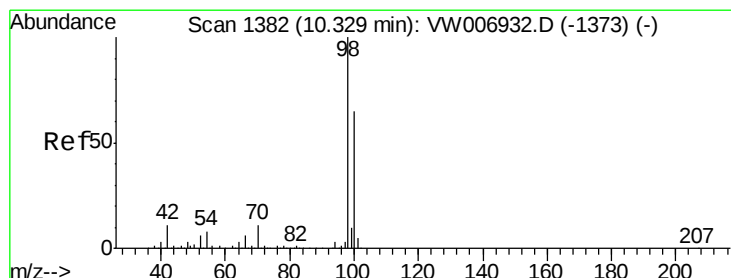
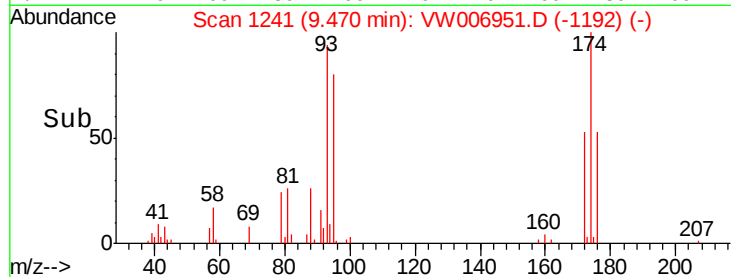
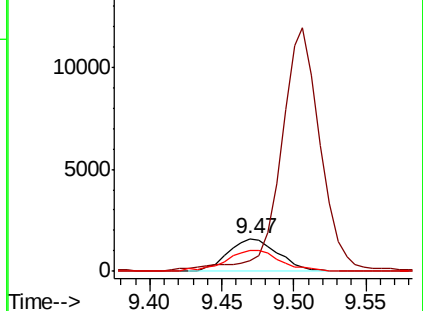
58 70.0 57.4 86.2



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: 49.727 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006951.D

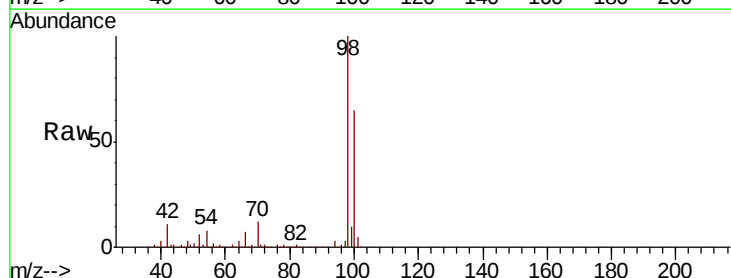
Acq: 19 Nov 2018 19:18

Tgt Ion: 98 Resp: 245278

Ion Ratio Lower Upper

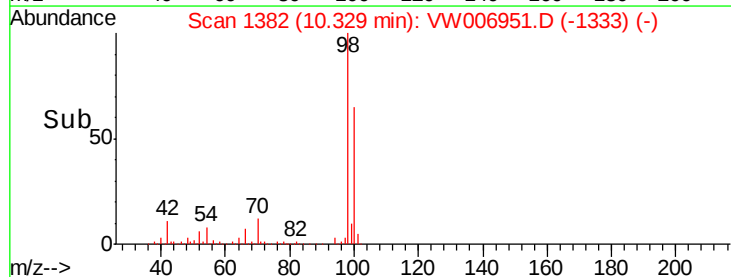
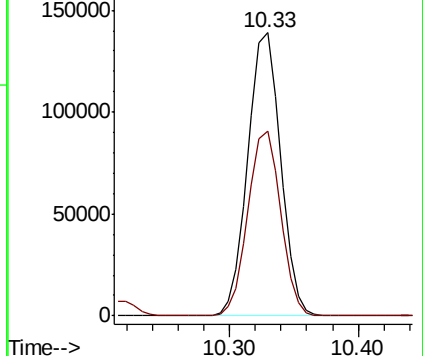
98 100

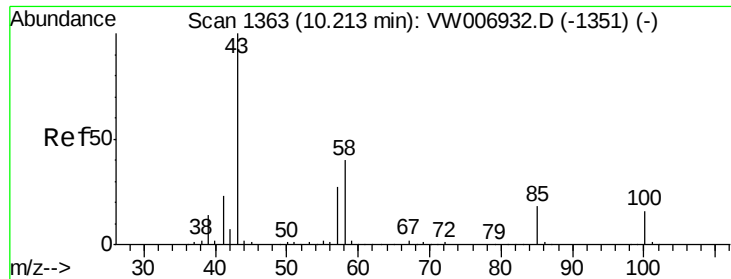
100 65.2 52.3 78.5



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: 103.799 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

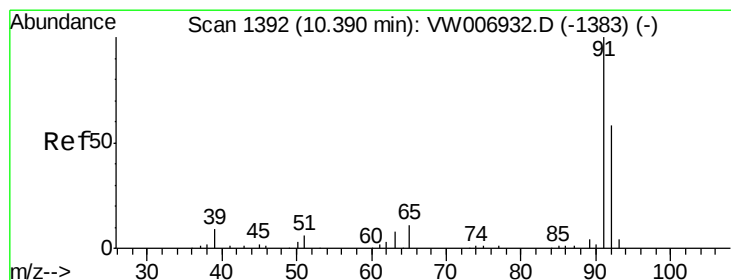
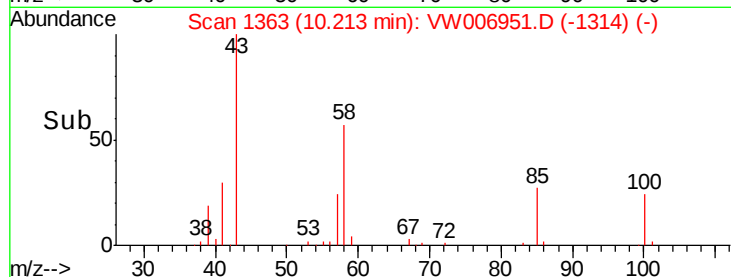
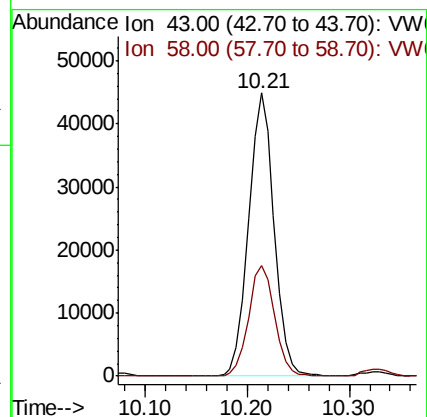
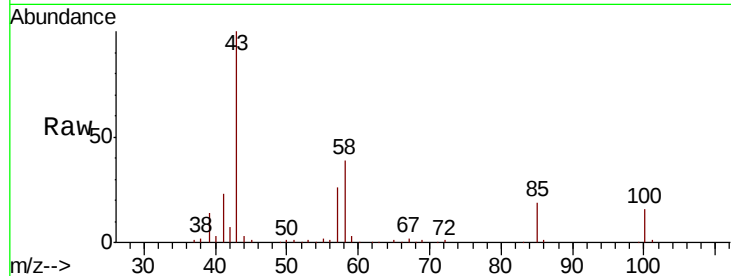
VW1120SBS01

Tot Ion: 43 Resp: 77940

Ion Ratio Lower Upper

43 100

58 39.8 31.0 46.4



#52

Toluene

Concen: 20.819 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006951.D

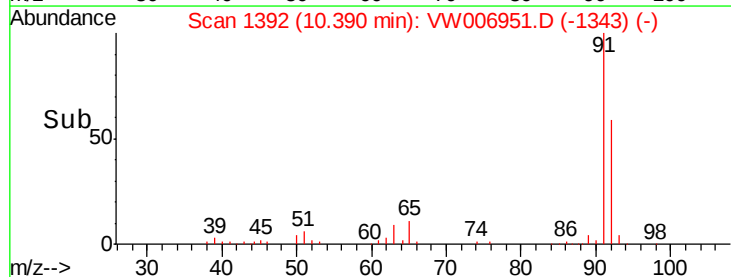
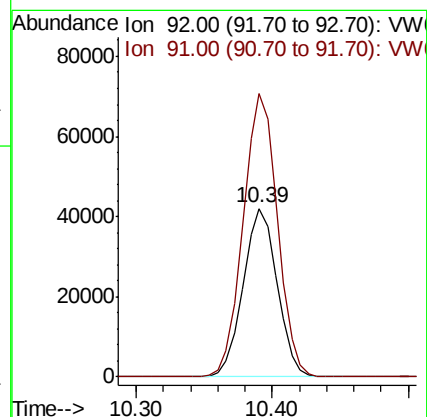
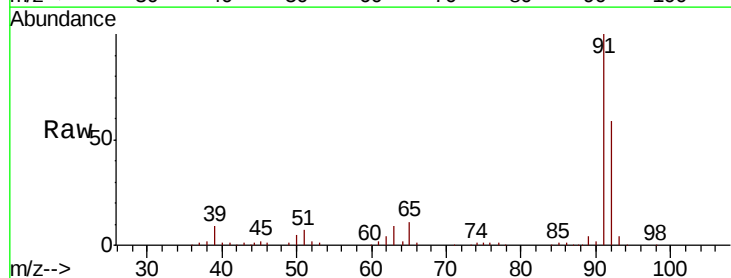
Acq: 19 Nov 2018 19:18

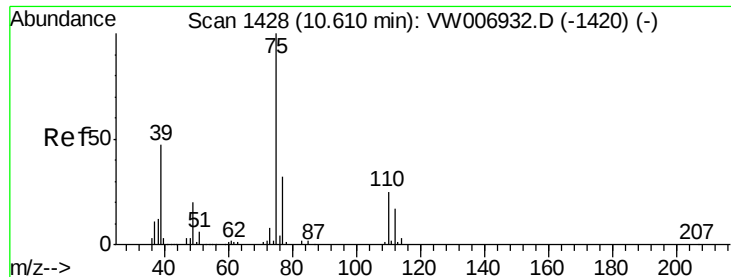
Tgt Ion: 92 Resp: 73510

Ion Ratio Lower Upper

92 100

91 169.2 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 20.268 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

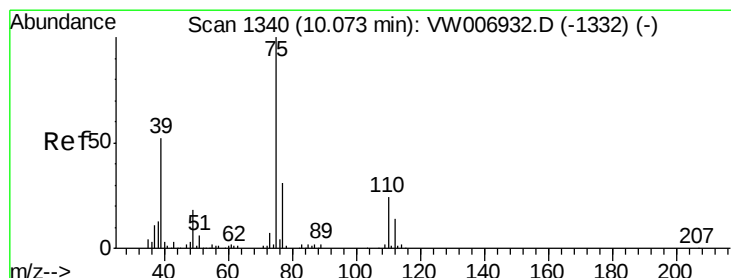
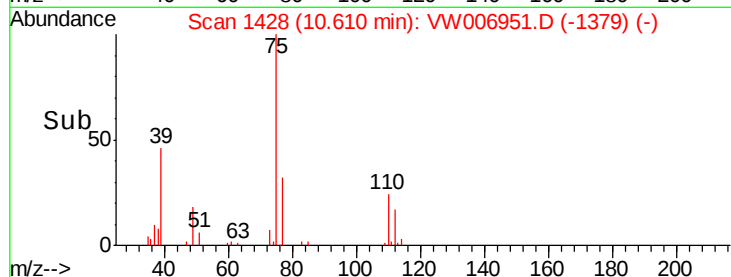
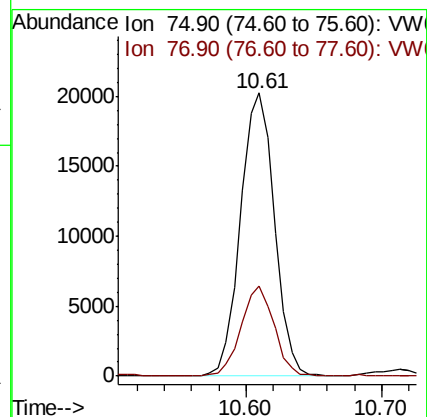
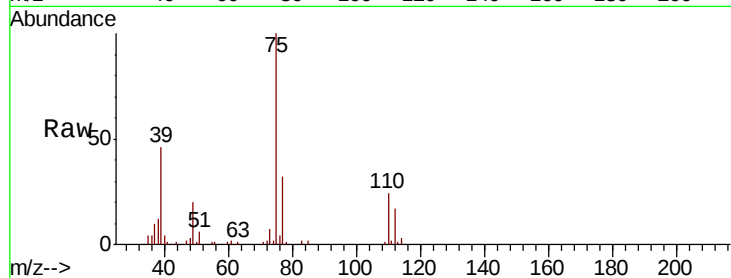
VW1120SBSD01

Tot Ion: 75 Resp: 35213

Ion Ratio Lower Upper

75 100

77 31.8 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 21.051 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

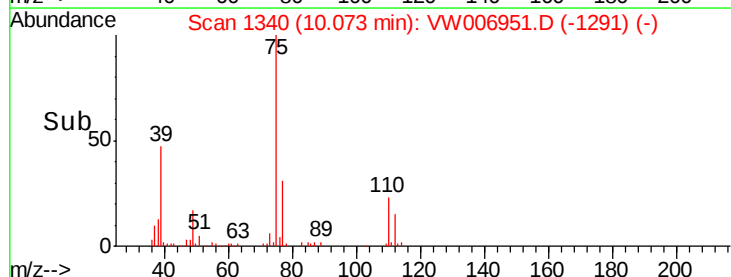
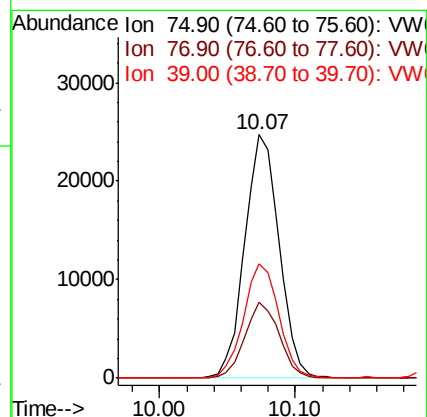
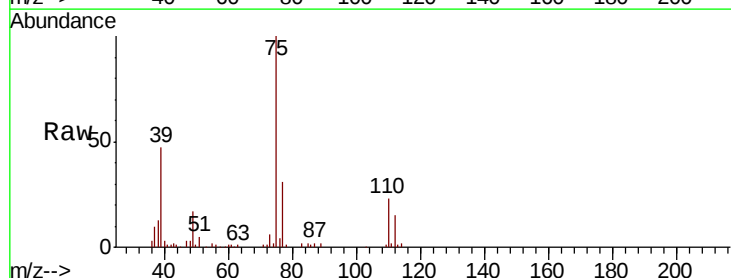
Tgt Ion: 75 Resp: 43768

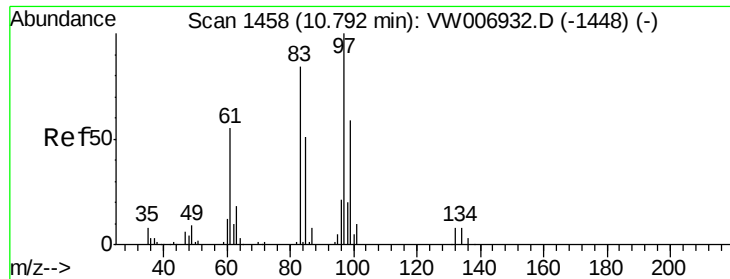
Ion Ratio Lower Upper

75 100

77 31.4 24.6 37.0

39 47.1 41.4 62.2

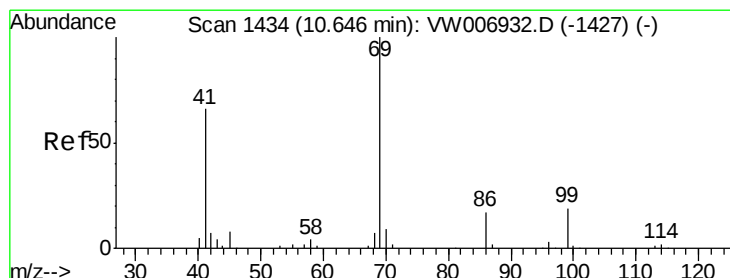
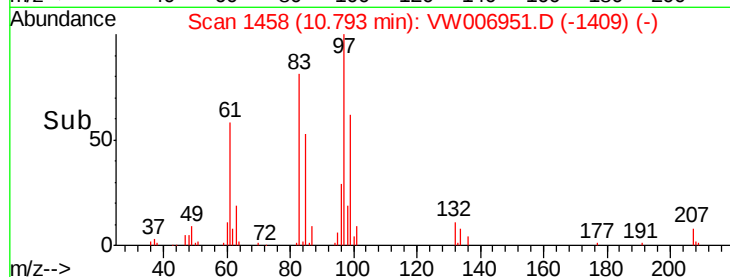
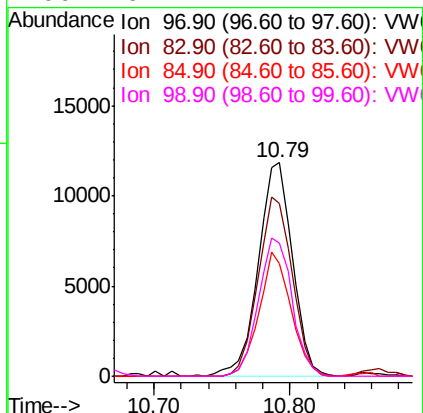
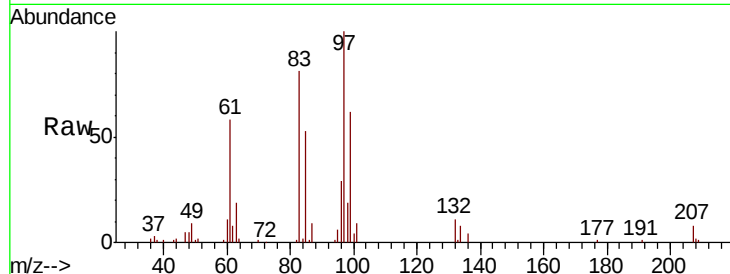




#55
 1,1,2-Trichloroethane
 Concen: 21.122 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006951.D
 Acq: 19 Nov 2018 19:18

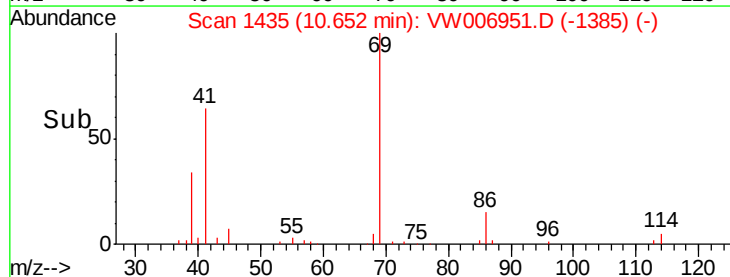
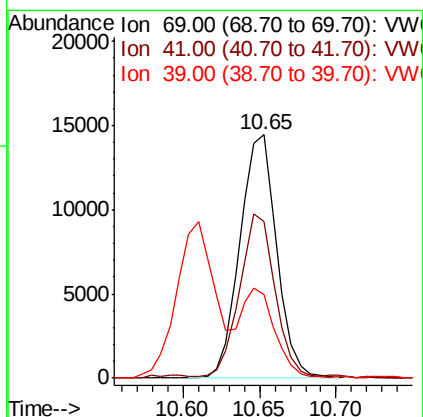
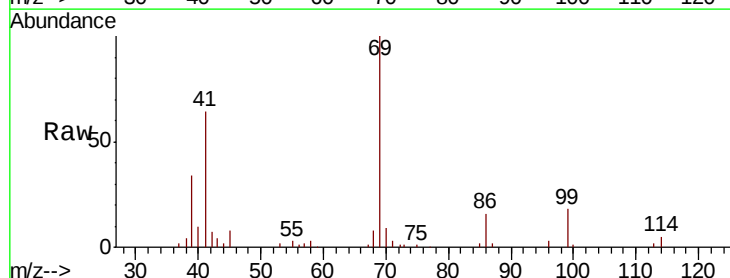
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBS01

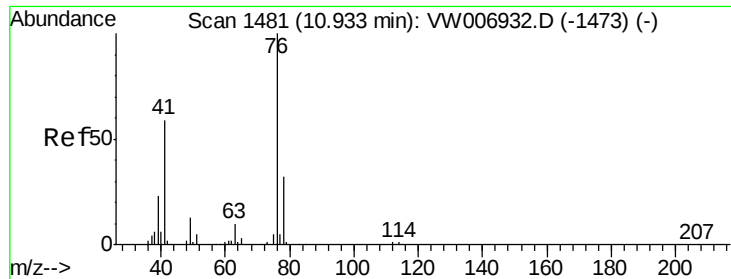
Tot Ion:	97	Resp:	21027
Ion	Ratio	Lower	Upper
97	100		
83	81.2	67.5	101.3
85	52.6	41.0	61.6
99	62.4	47.4	71.2



#56
 Ethyl methacrylate
 Concen: 19.479 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: VW006951.D
 Acq: 19 Nov 2018 19:18

Tgt Ion:	69	Resp:	24109
Ion	Ratio	Lower	Upper
69	100		
41	63.5	53.8	80.6
39	31.0	29.0	43.6

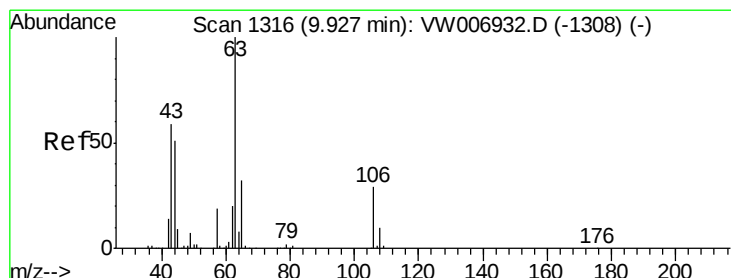
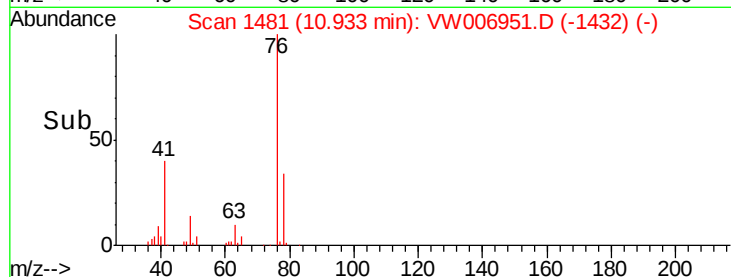
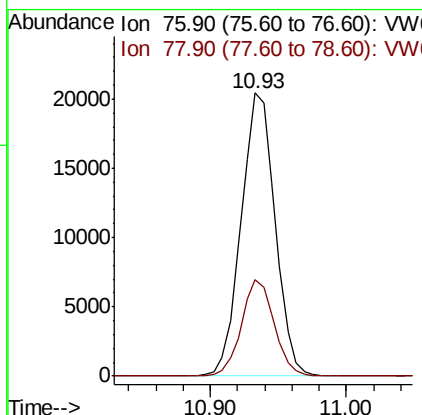
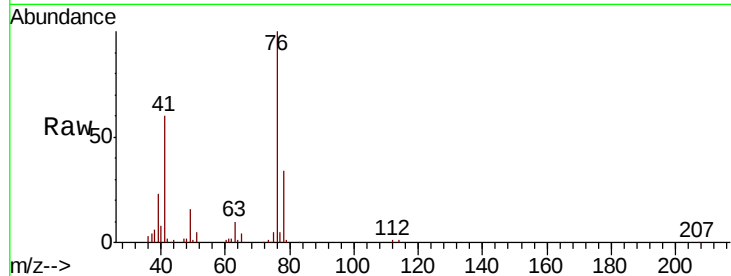




#57
 1,3-Dichloropropane
 Concen: 21.024 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006951.D
 Acq: 19 Nov 2018 19:18

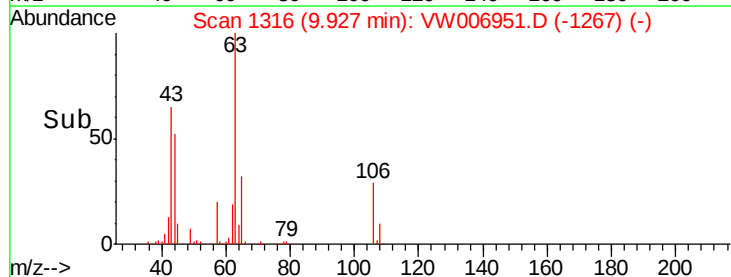
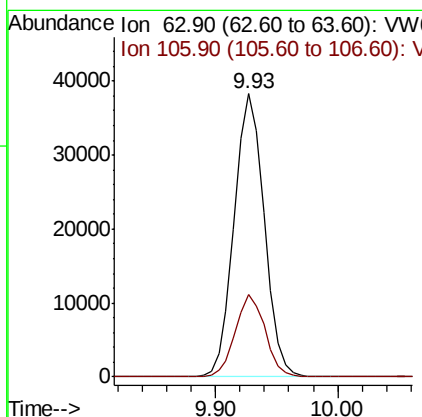
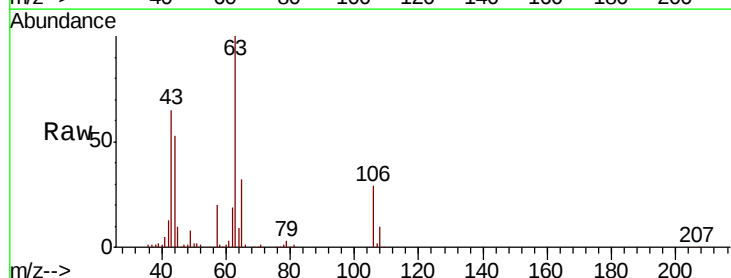
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBS01

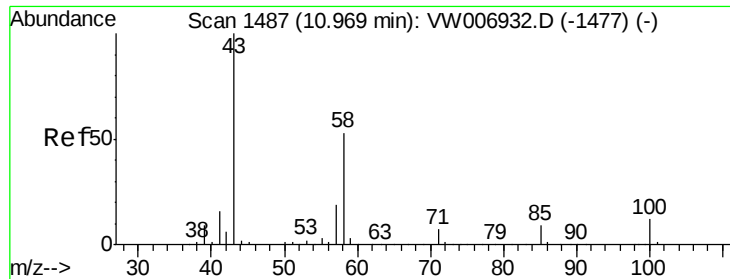
Tot Ion: 76 Resp: 35608
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 107.094 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006951.D
 Acq: 19 Nov 2018 19:18

Tgt Ion: 63 Resp: 65163
 Ion Ratio Lower Upper
 63 100
 106 28.5 22.6 33.8





#59

2-Hexanone

Concen: 105.411 ug/l

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

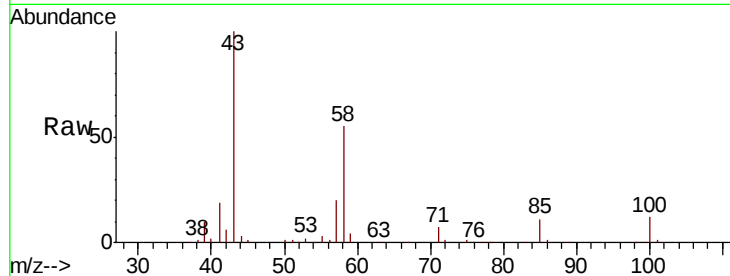
VW1120SBSD01

Tot Ion: 43 Resp: 52973

Ion Ratio Lower Upper

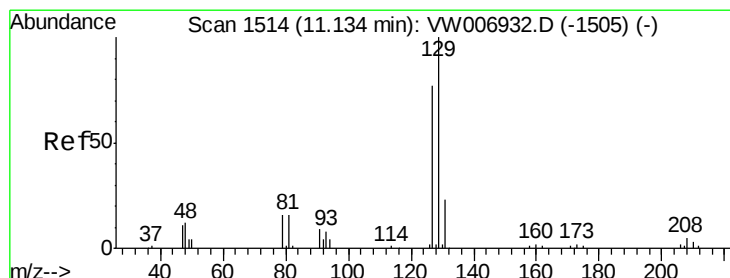
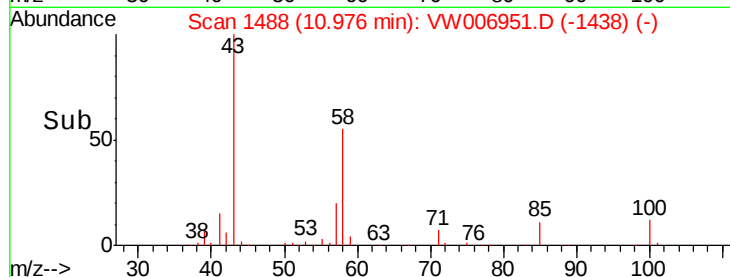
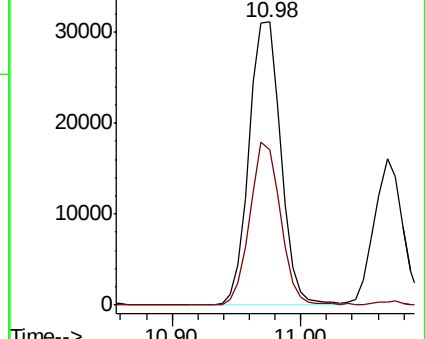
43 100

58 55.1 26.8 80.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#60

Dibromochloromethane

Concen: 21.174 ug/l

RT: 11.13 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VW006951.D

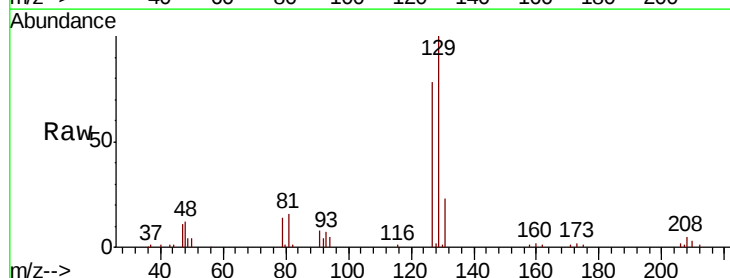
Acq: 19 Nov 2018 19:18

Tgt Ion:129 Resp: 24037

Ion Ratio Lower Upper

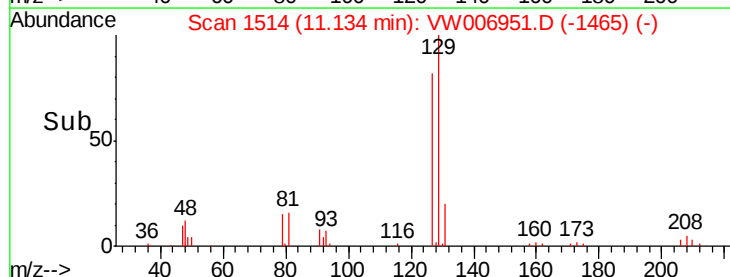
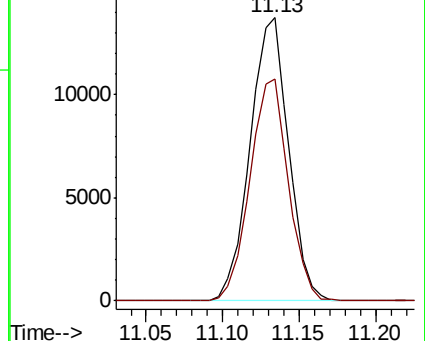
129 100

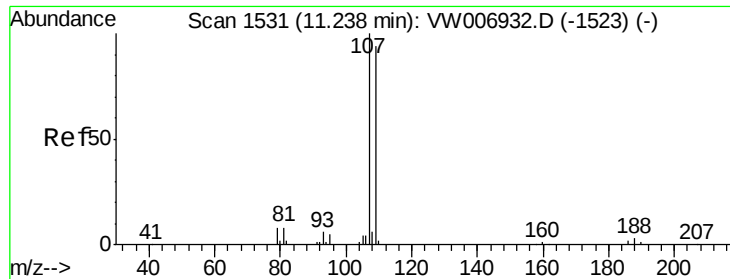
127 78.2 38.1 114.3



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

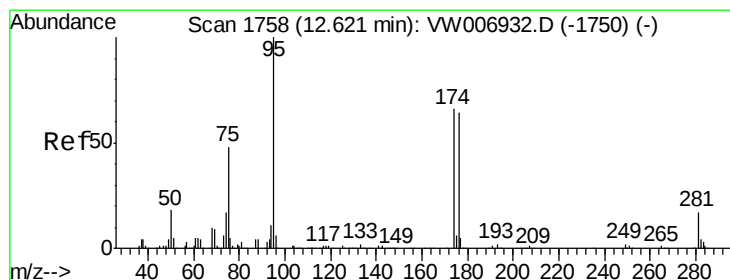
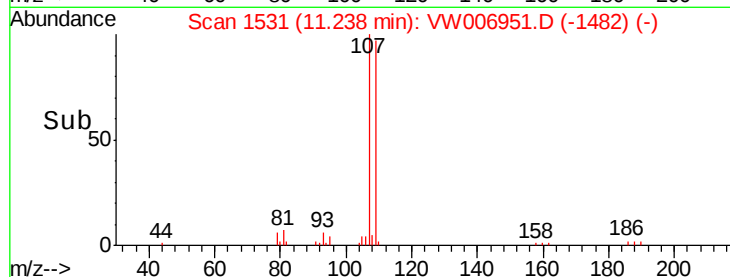
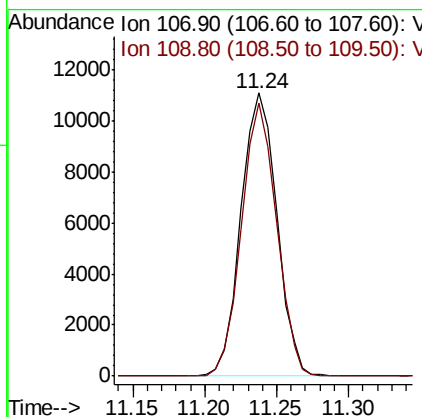
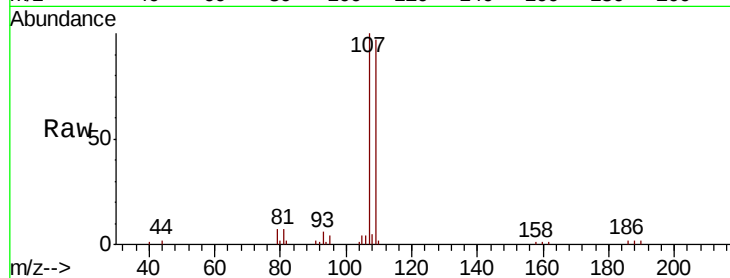




#61
 1,2-Dibromoethane
 Concen: 20.711 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006951.D
 Acq: 19 Nov 2018 19:18

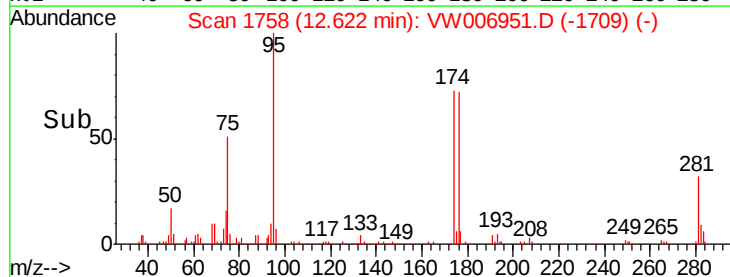
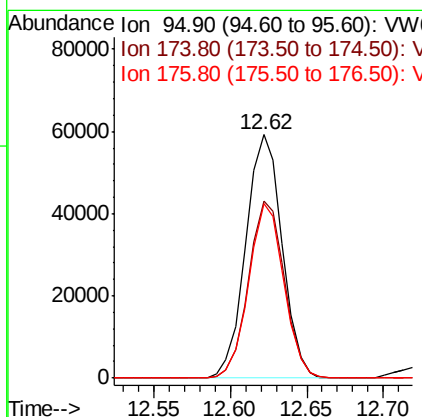
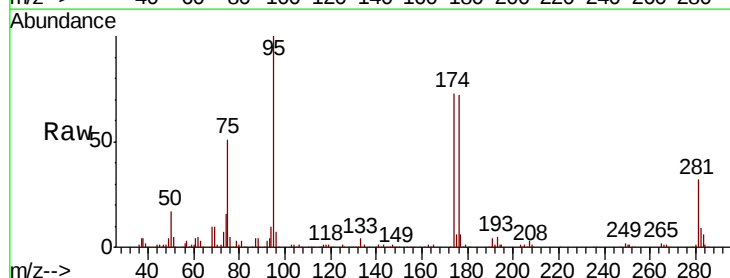
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBS01

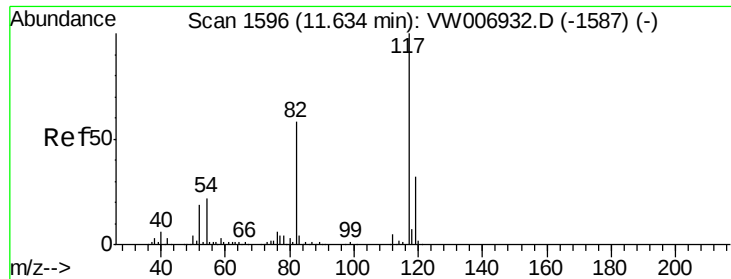
Tot Ion:107 Resp: 19162
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 50.744 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006951.D
 Acq: 19 Nov 2018 19:18

Tgt Ion: 95 Resp: 97595
 Ion Ratio Lower Upper
 95 100
 174 72.1 0.0 138.4
 176 69.8 0.0 133.4

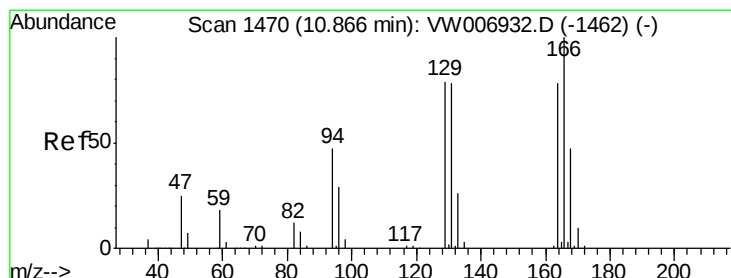
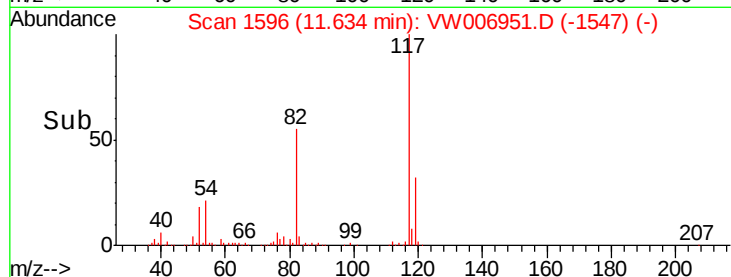
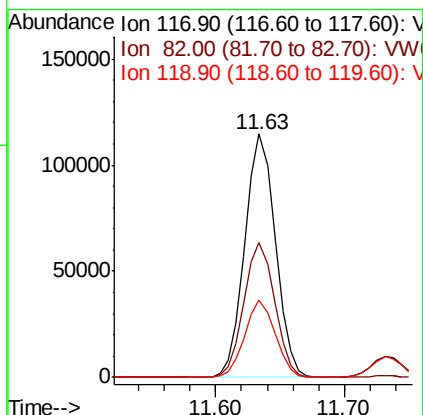
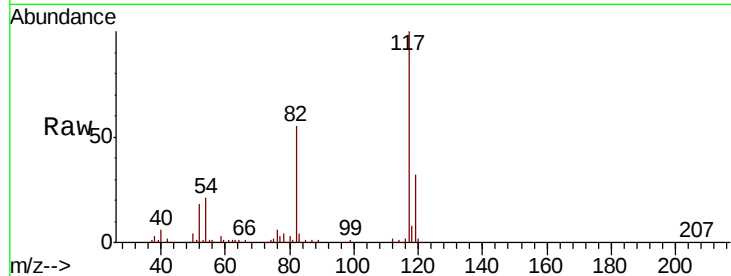




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

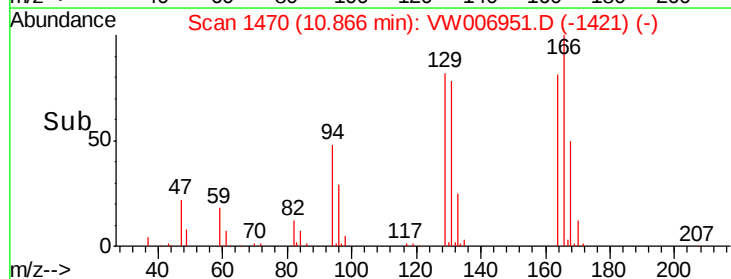
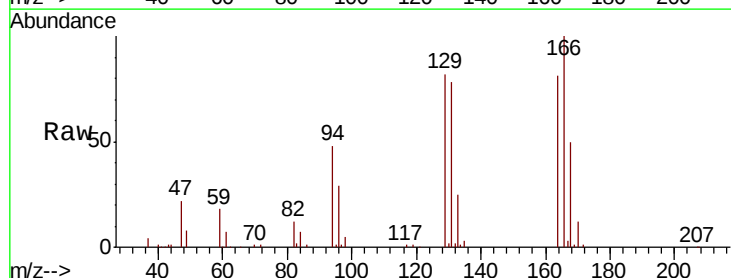
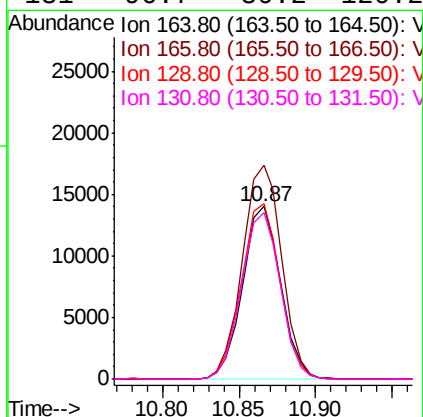
Instrument :
MSVOA_W
ClientSampleId :
VW1120SBSD01

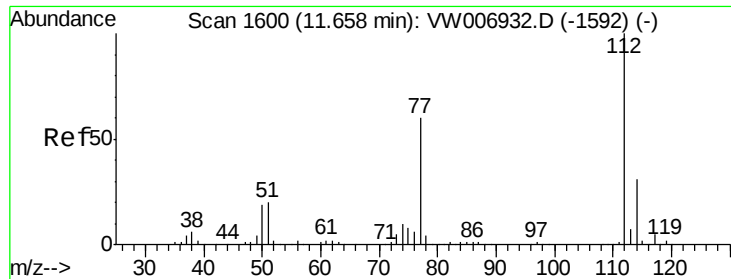
Tot Ion:117 Resp: 187740
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.2
119 31.6 25.5 38.3



#64
Tetrachloroethene
Concen: 19.994 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Tgt Ion:164 Resp: 24163
Ion Ratio Lower Upper
164 100
166 123.6 102.6 154.0
129 101.5 81.0 121.4
131 96.7 80.2 120.2

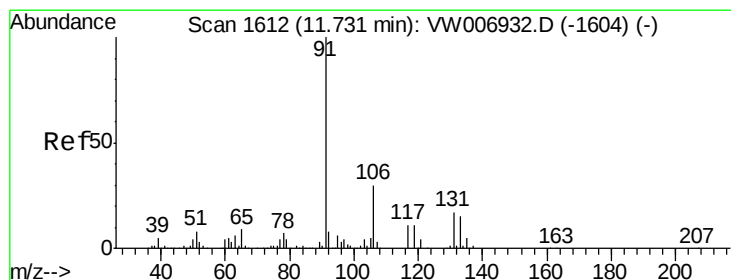
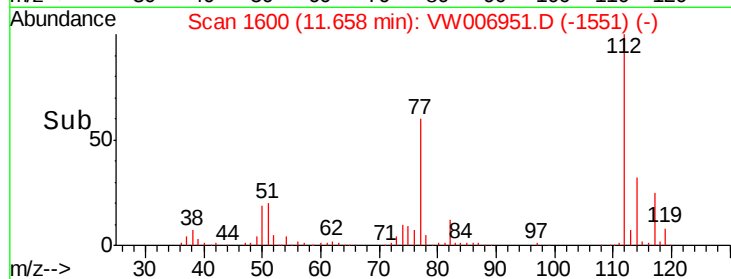
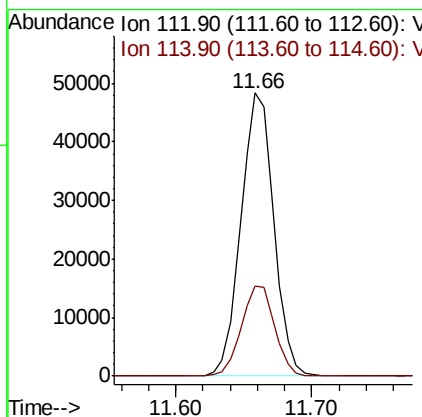
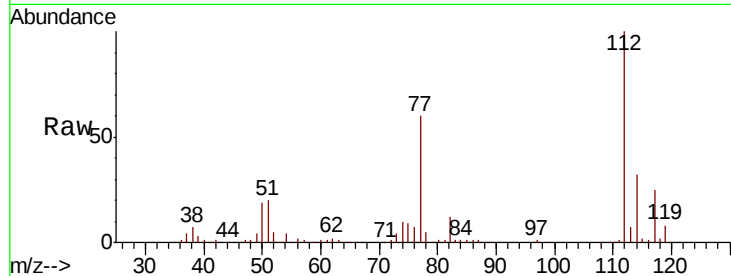




#65
Chlorobenzene
Concen: 20.517 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

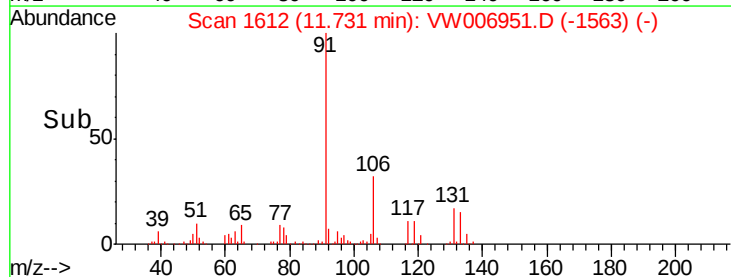
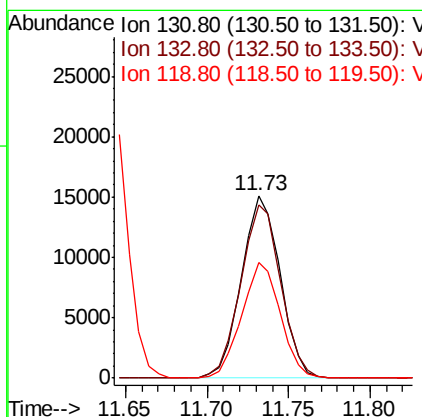
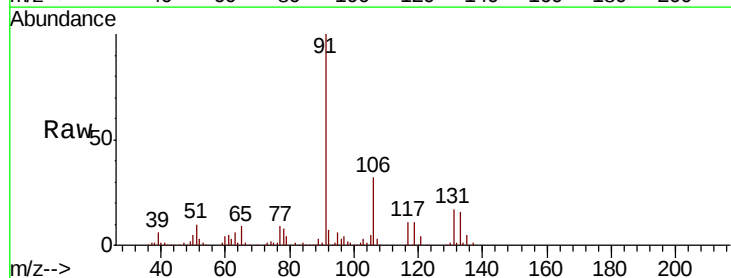
Instrument :
MSVOA_W
ClientSampleId :
VW1120SBSD01

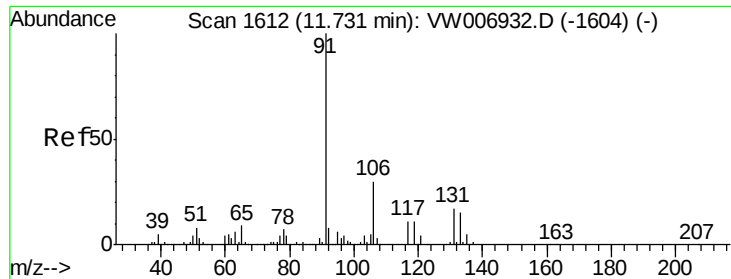
Tot Ion:112 Resp: 81334
Ion Ratio Lower Upper
112 100
114 31.9 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.752 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Tgt Ion:131 Resp: 24952
Ion Ratio Lower Upper
131 100
133 98.4 47.2 141.6
119 63.4 32.5 97.4

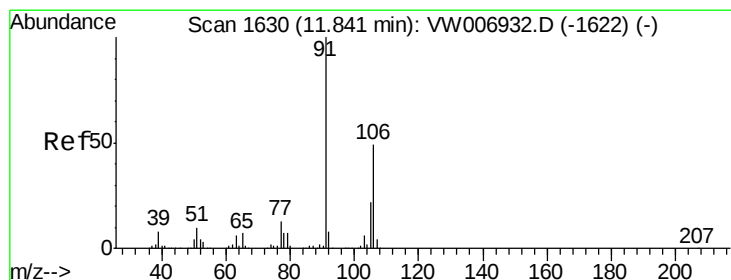
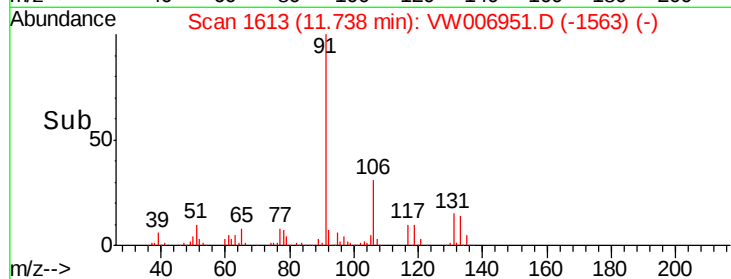
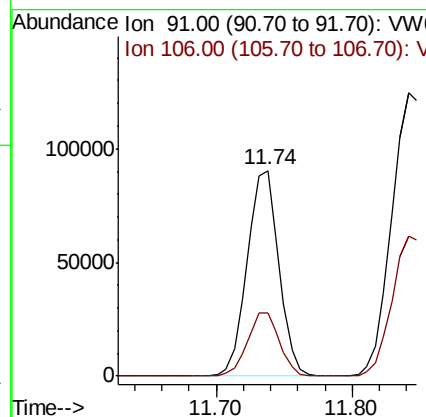
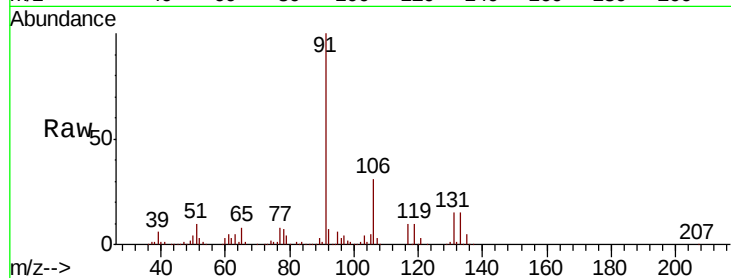




#67
Ethyl Benzene
Concen: 20.638 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

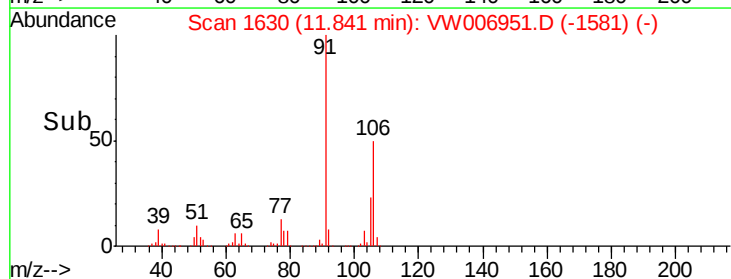
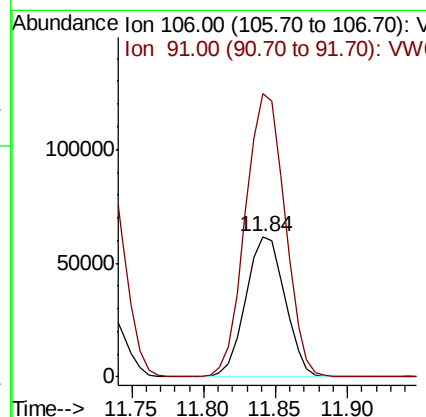
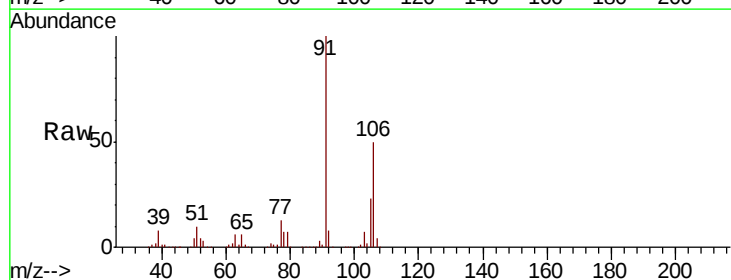
Instrument :
MSVOA_W
ClientSampleId :
VW1120SBSD01

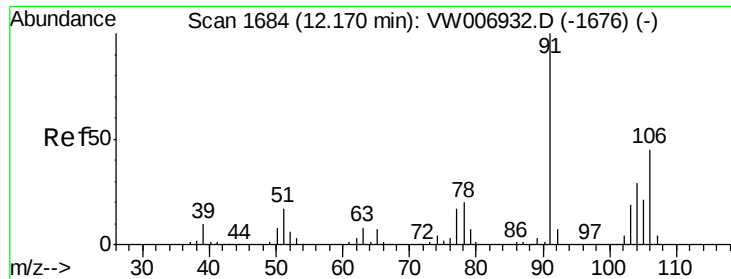
Tot Ion: 91 Resp: 147500
Ion Ratio Lower Upper
91 100
106 30.8 24.0 36.0



#68
m/p-Xylenes
Concen: 41.724 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Tgt Ion: 106 Resp: 116126
Ion Ratio Lower Upper
106 100
91 204.7 165.0 247.4

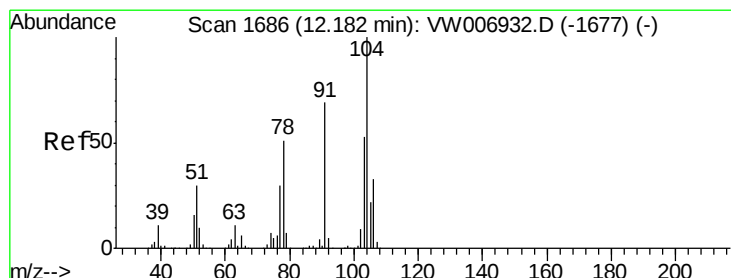
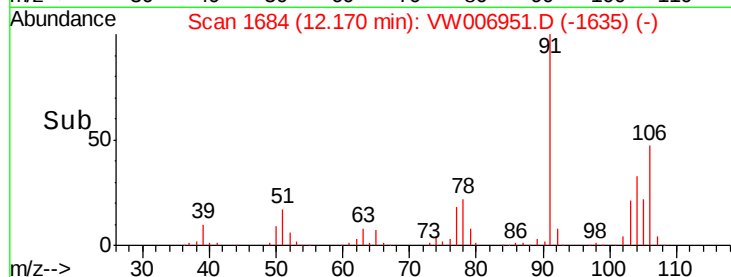
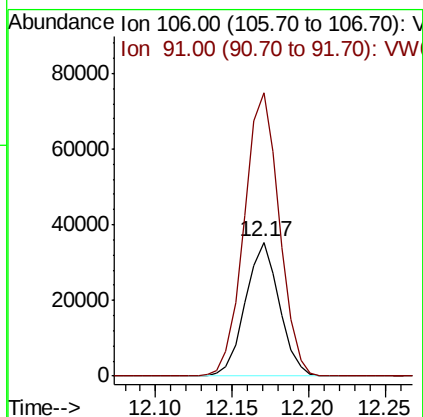
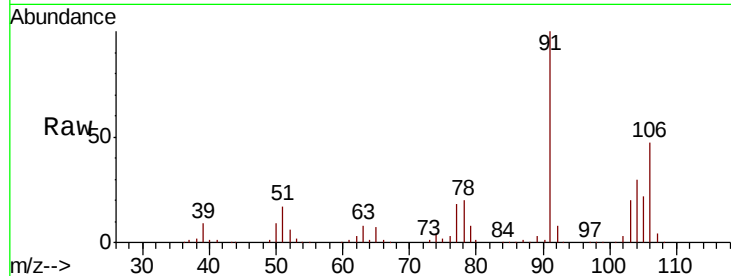




#69
o-Xylene
Concen: 20.585 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

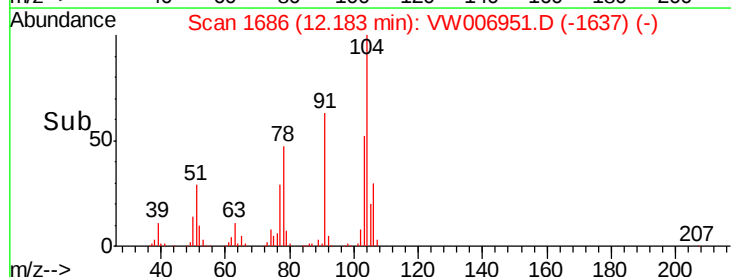
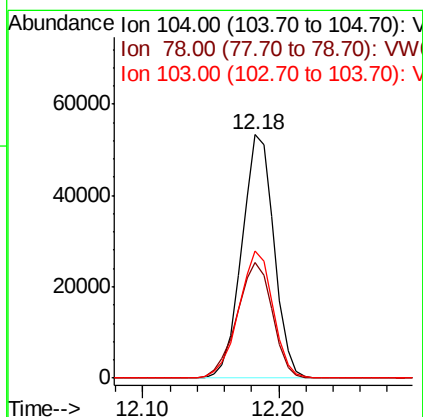
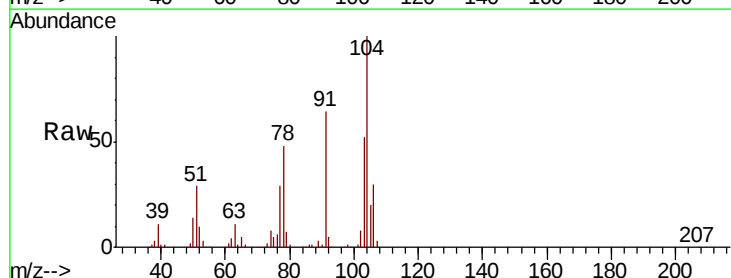
Instrument :
MSVOA_W
ClientSampleId :
VW1120SBSD01

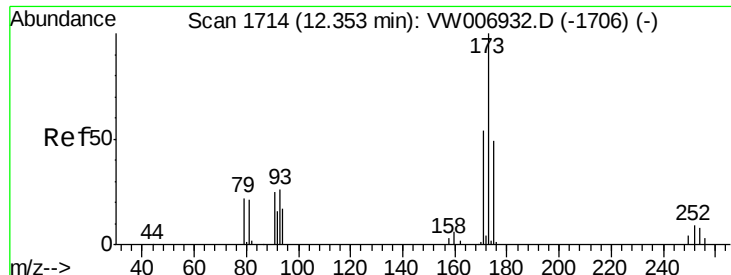
Tot Ion:106 Resp: 54375
Ion Ratio Lower Upper
106 100
91 219.8 109.2 327.6



#70
Styrene
Concen: 20.729 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Tgt Ion:104 Resp: 88055
Ion Ratio Lower Upper
104 100
78 52.2 42.5 63.7
103 55.8 44.3 66.5





#71

Bromoform

Concen: 20.982 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBSD01

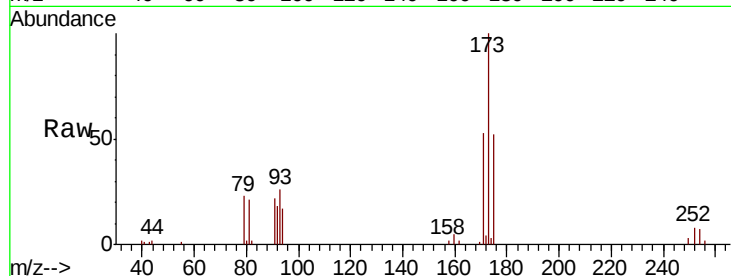
Tot Ion:173 Resp: 12357

Ion Ratio Lower Upper

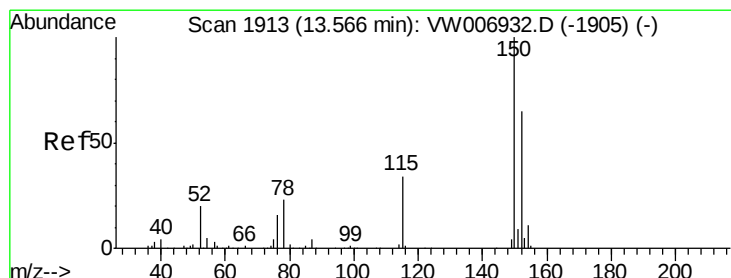
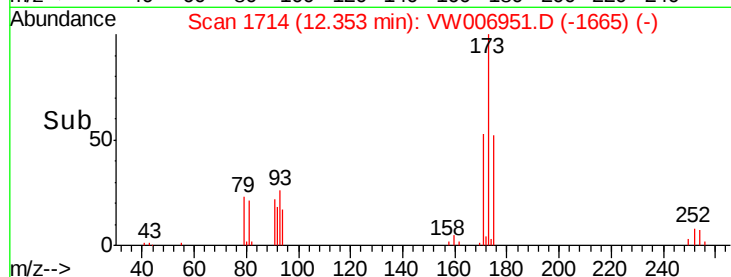
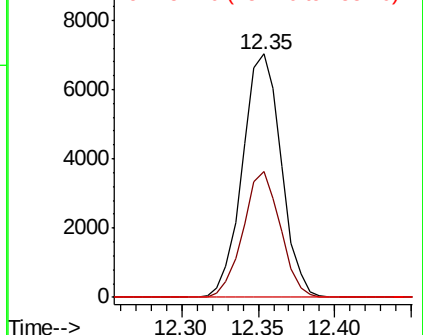
173 100

175 49.6 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: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

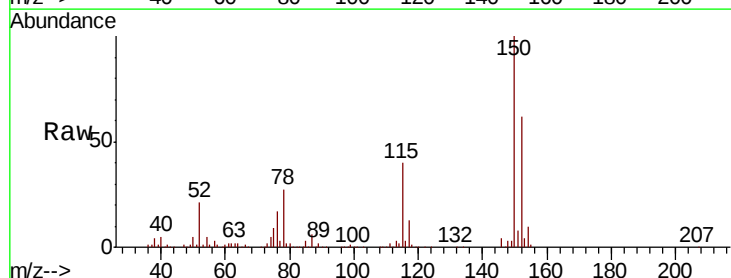
Tgt Ion:152 Resp: 94012

Ion Ratio Lower Upper

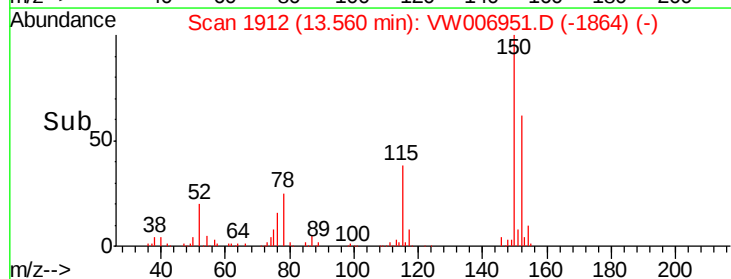
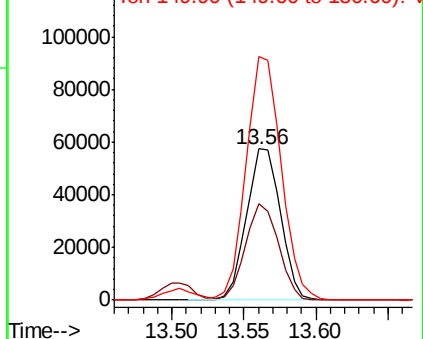
152 100

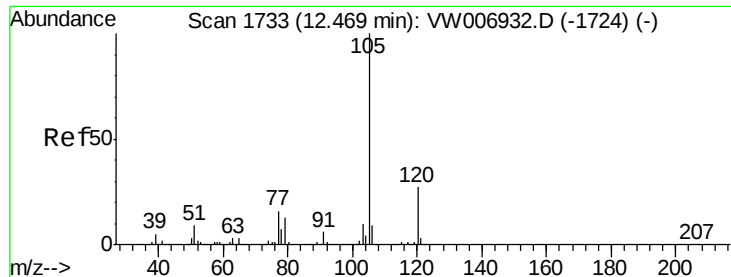
115 62.0 31.6 94.7

150 166.0 0.0 350.0



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: 19.866 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

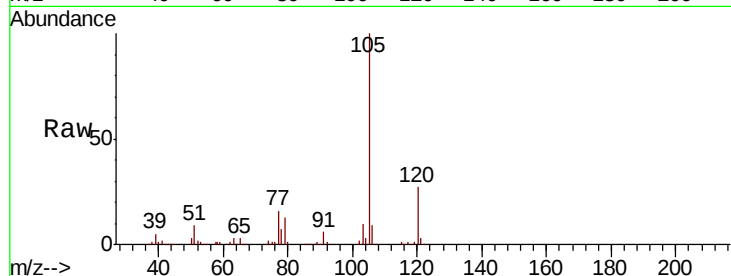
VW1120SBSD01

Tot Ion:105 Resp: 147909

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

100000

80000

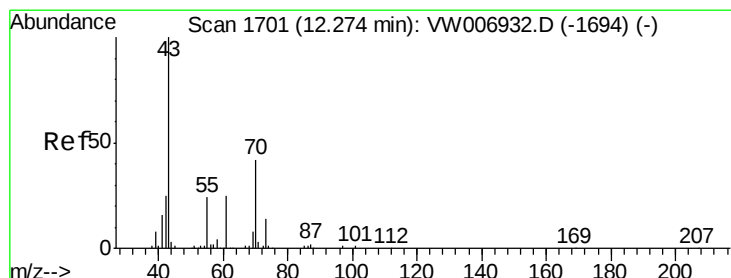
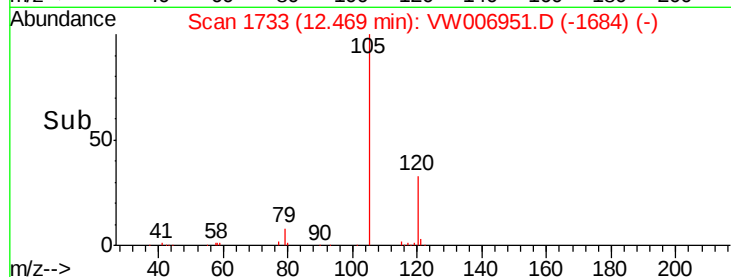
60000

40000

20000

0

Time--> 12.40 12.50



#74

N-ethyl acetate

Concen: 17.740 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Tgt Ion: 43 Resp: 26433

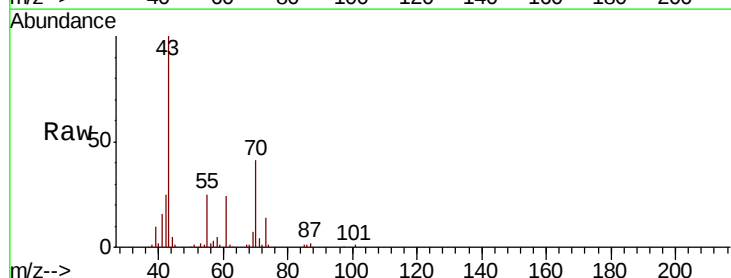
Ion Ratio Lower Upper

43 100

70 42.5 34.2 51.4

55 25.4 19.5 29.3

61 24.4 19.7 29.5



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

25000

20000

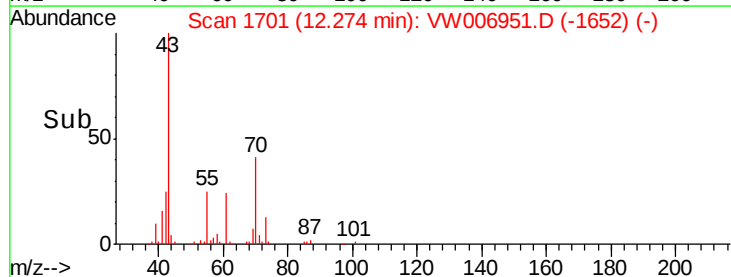
15000

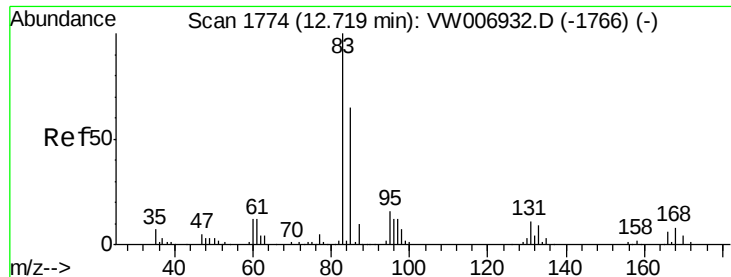
10000

5000

0

Time--> 12.20 12.30 12.40





#75

1,1,2,2-Tetrachloroethane

Concen: 20.117 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Instrument :

MSVOA_W

ClientSampled :

VW1120SBSD01

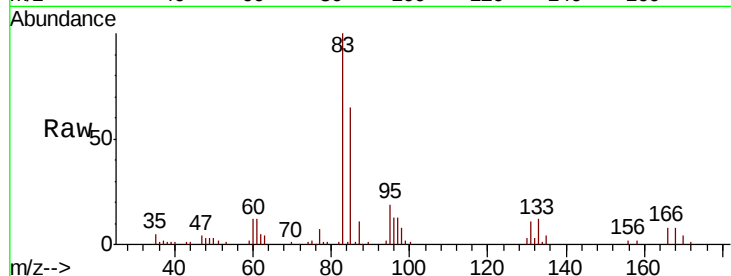
Tot Ion: 83 Resp: 22031

Ion Ratio Lower Upper

83 100

131 10.9 5.6 16.8

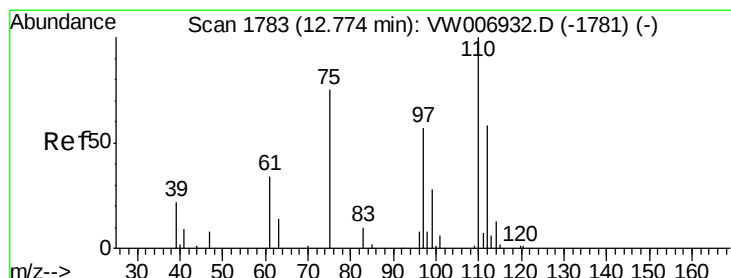
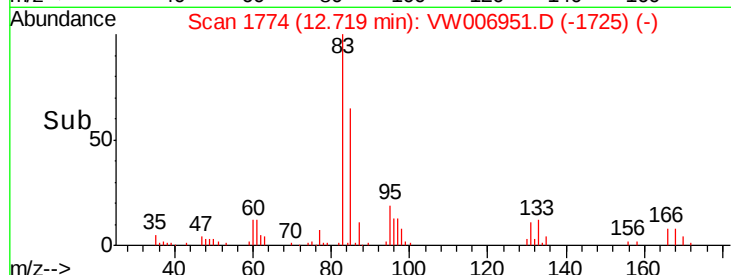
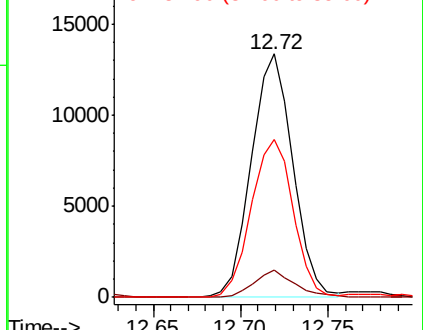
85 65.4 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 39.500 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW006951.D

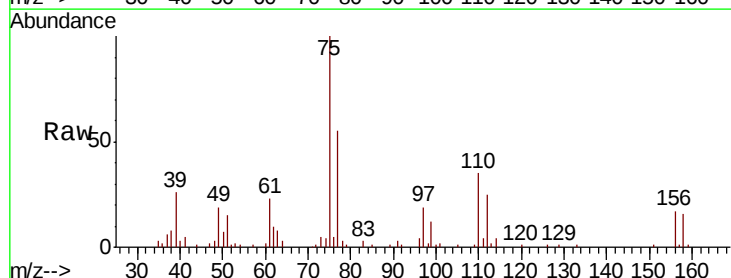
Acq: 19 Nov 2018 19:18

Tgt Ion: 75 Resp: 29842

Ion Ratio Lower Upper

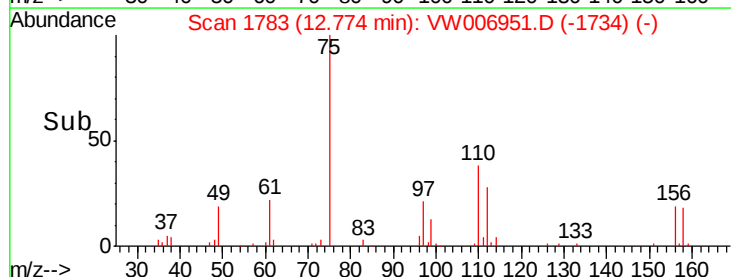
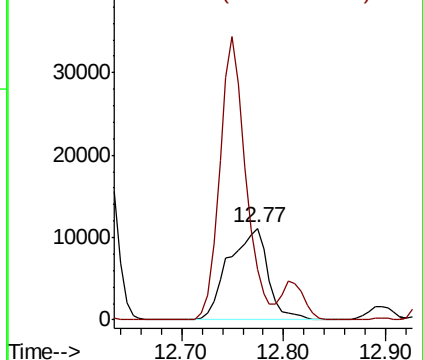
75 100

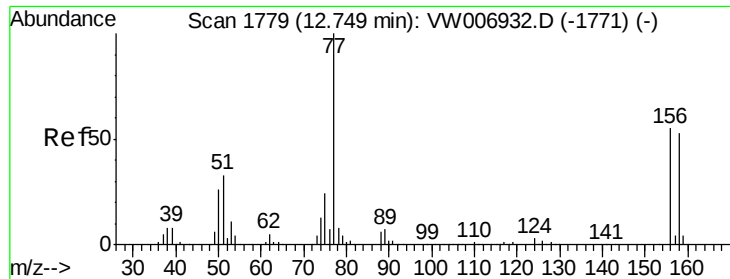
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.616 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBSD01

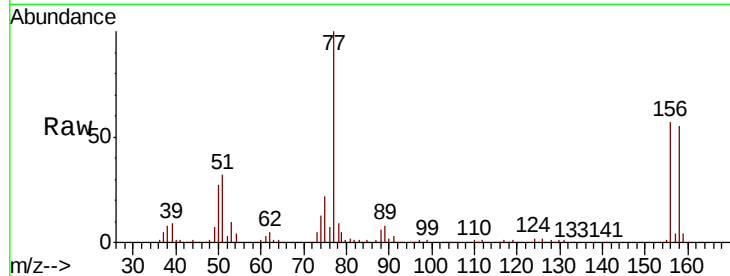
Tot Ion:156 Resp: 32531

Ion Ratio Lower Upper

156 100

77 188.5 97.8 293.3

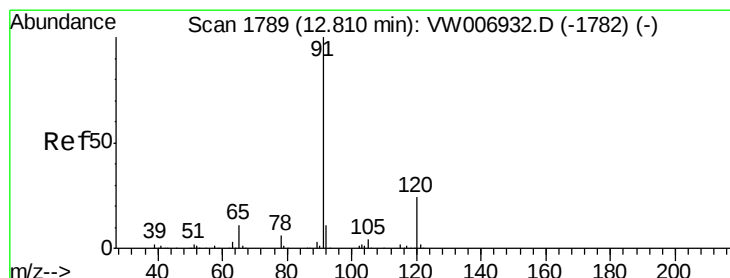
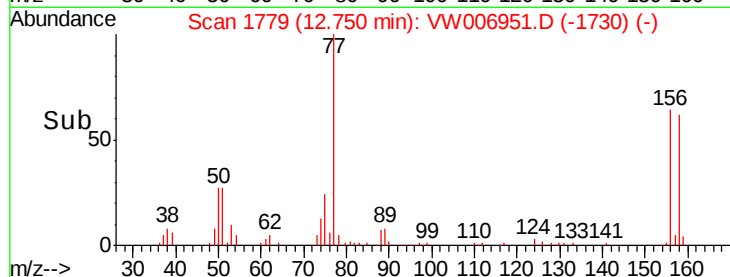
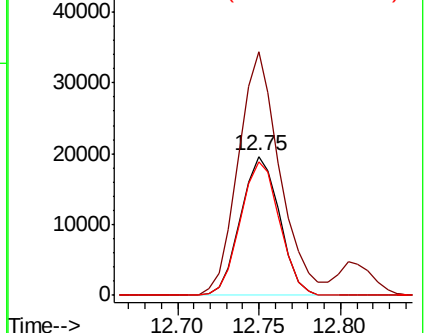
158 96.8 47.9 143.7



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: 19.881 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006951.D

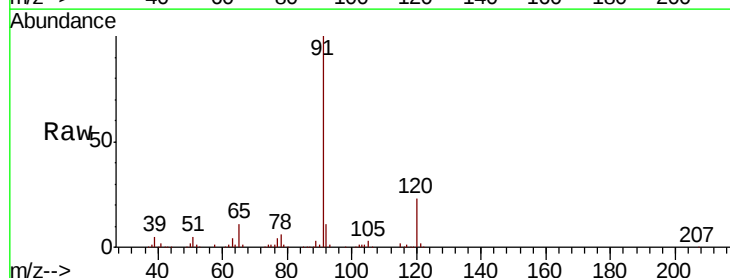
Acq: 19 Nov 2018 19:18

Tgt Ion: 91 Resp: 177858

Ion Ratio Lower Upper

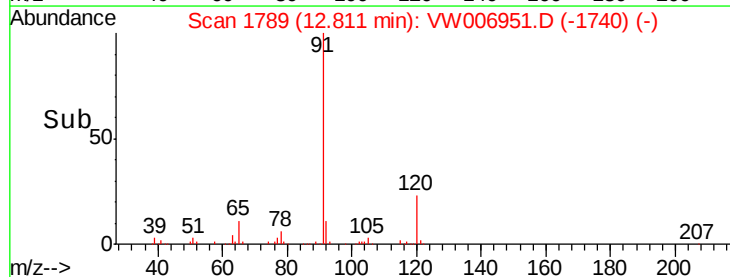
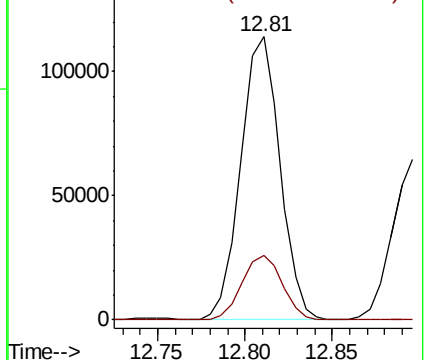
91 100

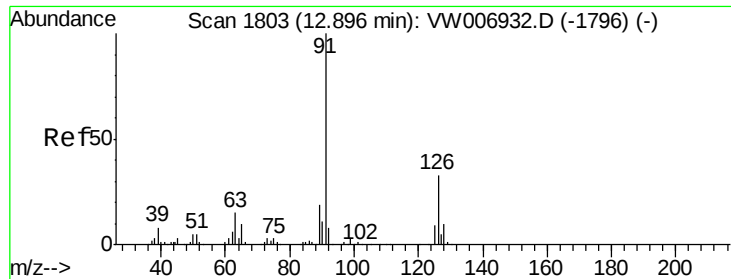
120 23.4 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

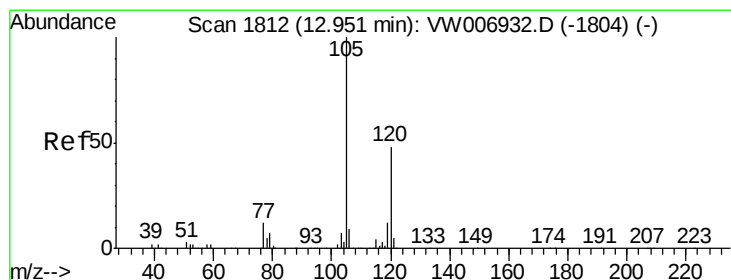
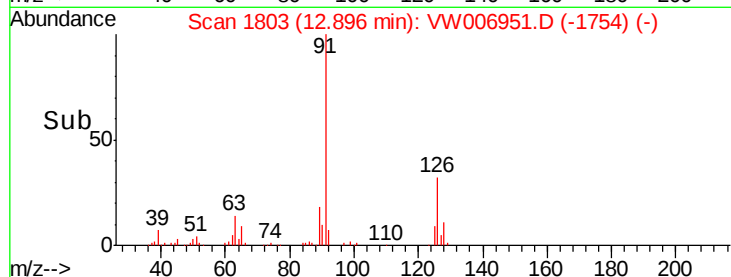
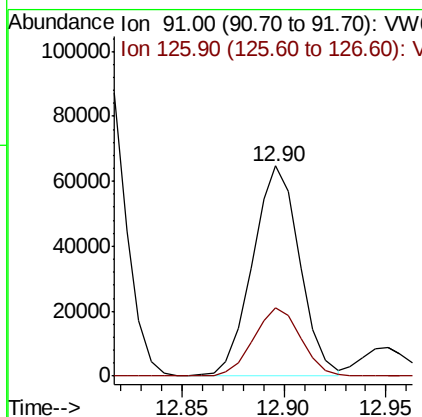
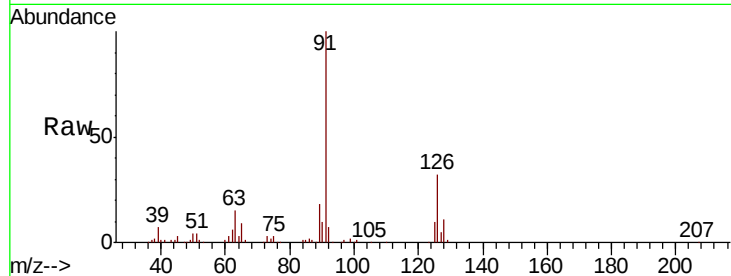




#79
 2-Chlorotoluene
 Concen: 19.810 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW006951.D
 Acq: 19 Nov 2018 19:18

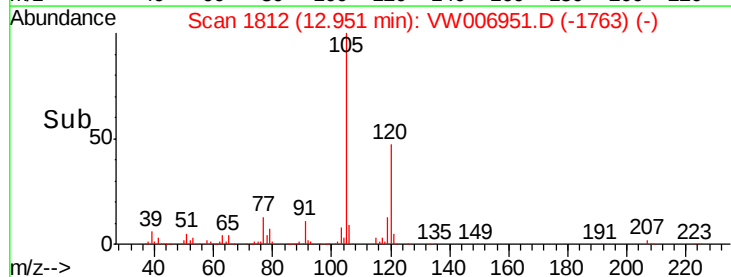
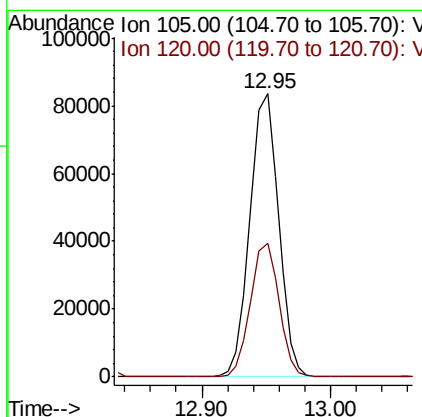
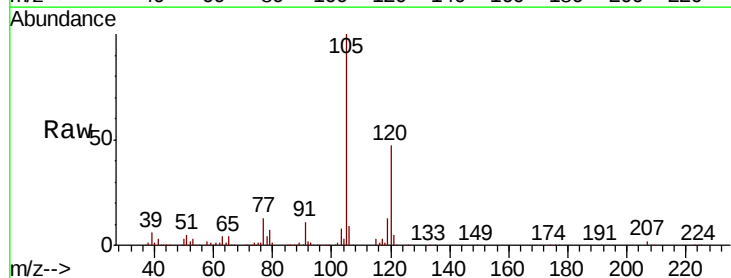
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBSD01

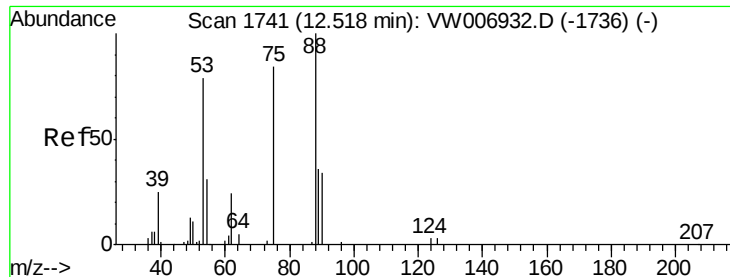
Tot Ion: 91 Resp: 103864
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.6 49.7



#80
 1,3,5-Trimethylbenzene
 Concen: 20.065 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW006951.D
 Acq: 19 Nov 2018 19:18

Tgt Ion:105 Resp: 128638
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.5 70.5





#81

trans-1,4-Dichloro-2-butene

Concen: 18.461 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBSD01

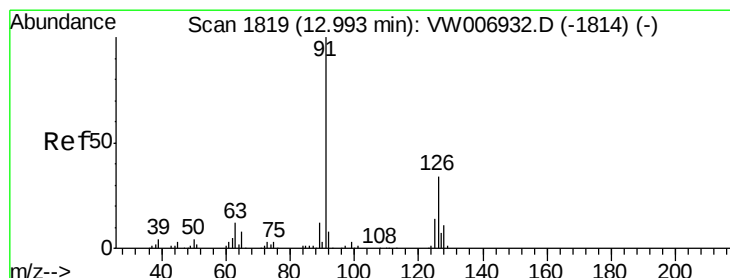
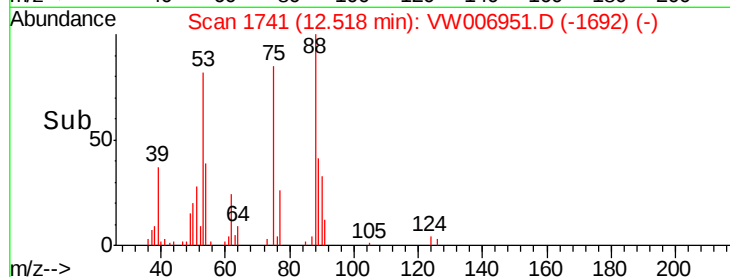
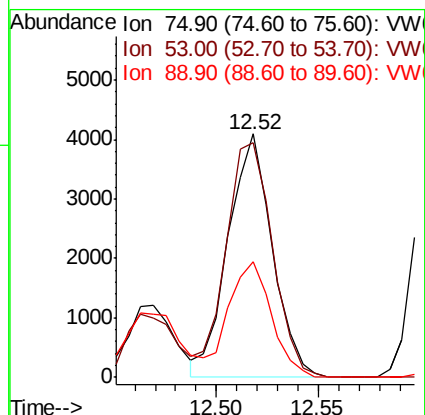
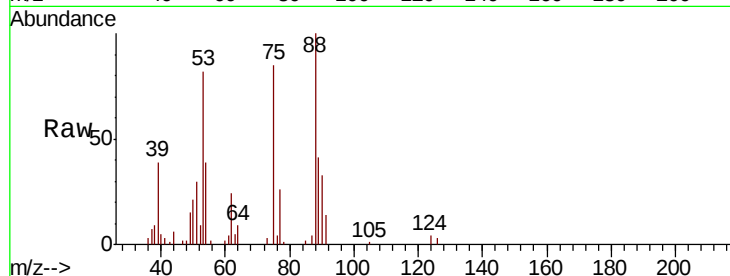
Tot Ion: 75 Resp: 6127

Ion Ratio Lower Upper

75 100

53 102.3 79.3 118.9

89 45.9 39.5 59.3



#82

4-Chlorotoluene

Concen: 19.798 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW006951.D

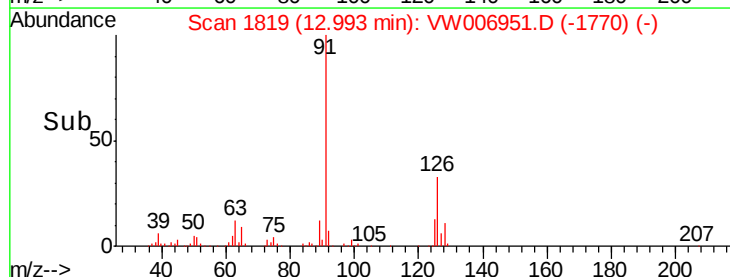
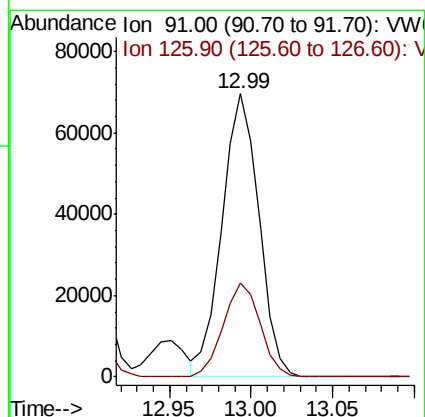
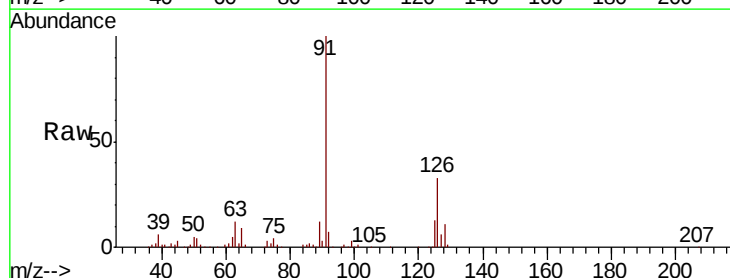
Acq: 19 Nov 2018 19:18

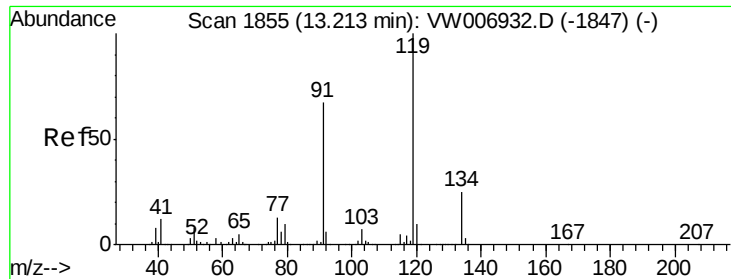
Tgt Ion: 91 Resp: 109439

Ion Ratio Lower Upper

91 100

126 33.2 16.2 48.6

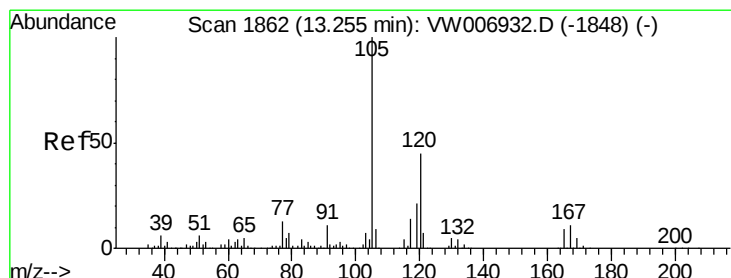
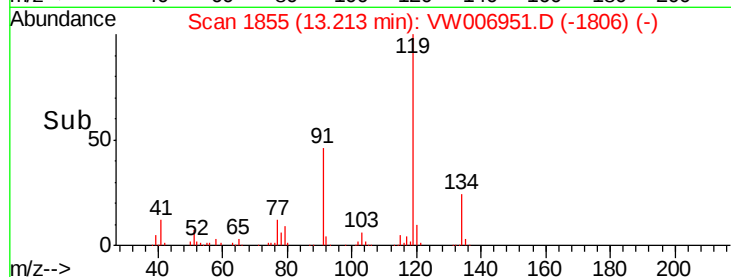
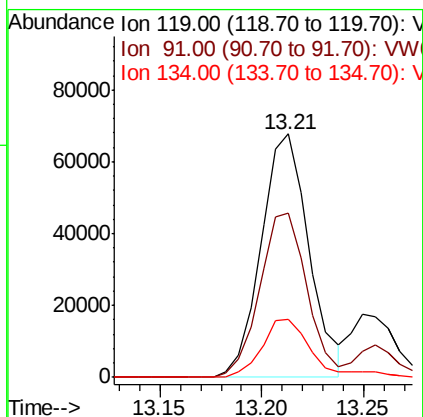
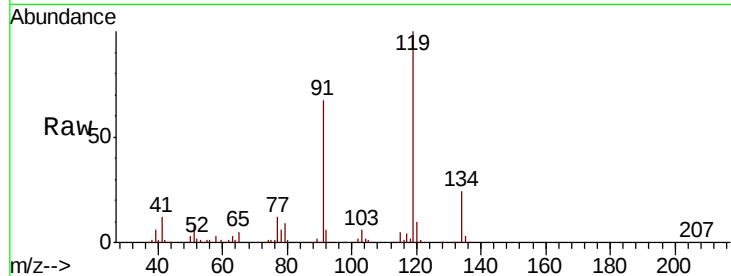




#83
tert-Butylbenzene
Concen: 20.324 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

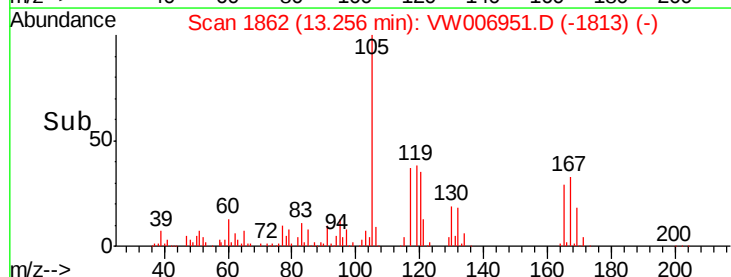
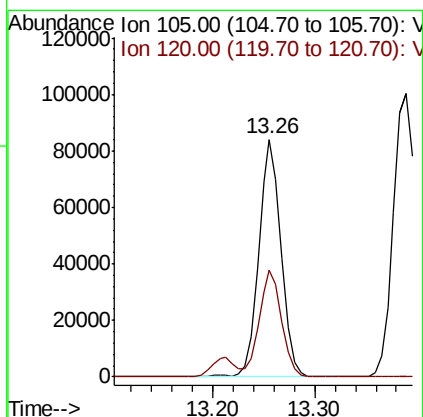
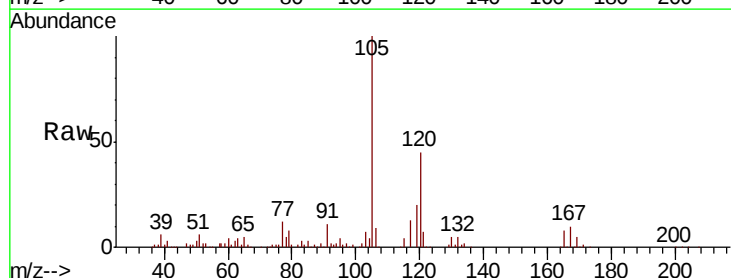
Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

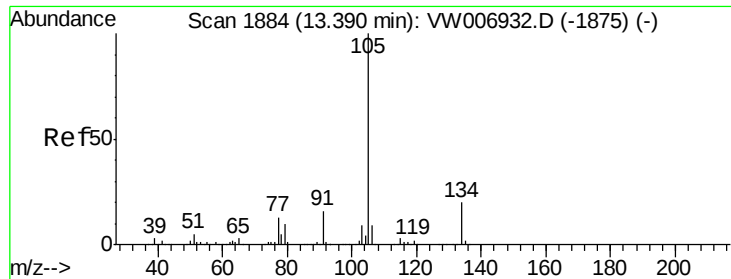
Tot Ion:119 Resp: 110647
Ion Ratio Lower Upper
119 100
91 66.7 33.8 101.4
134 25.3 12.6 37.8



#84
1,2,4-Trimethylbenzene
Concen: 19.882 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Tgt Ion:105 Resp: 128052
Ion Ratio Lower Upper
105 100
120 45.4 21.9 65.8





#85

sec-Butylbenzene

Concen: 20.202 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

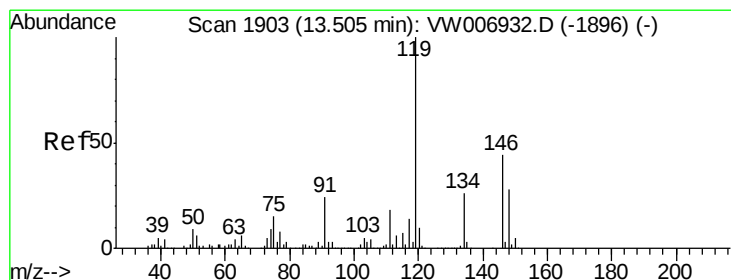
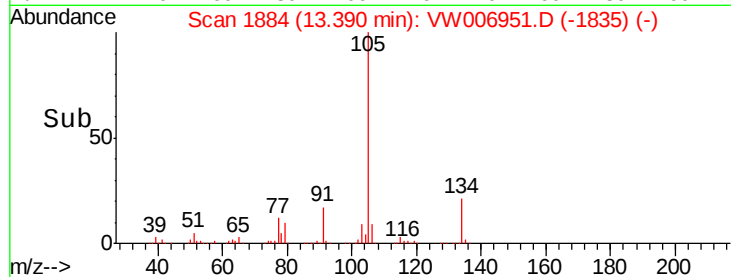
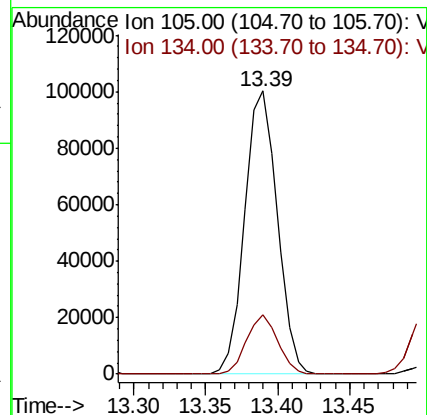
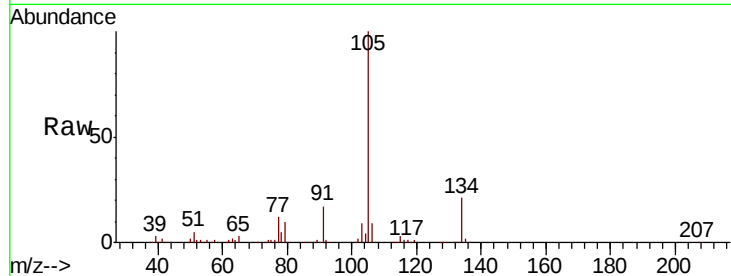
VW1120SBSD01

Tot Ion:105 Resp: 156932

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.4



#86

p-Isopropyltoluene

Concen: 20.360 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

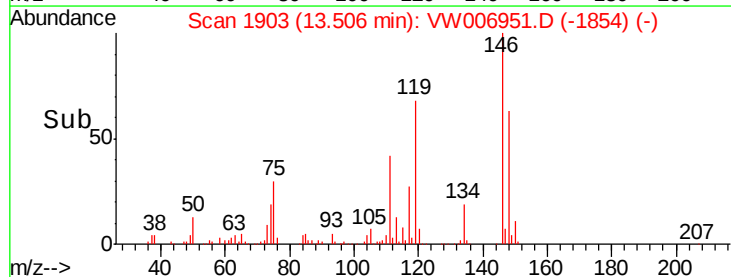
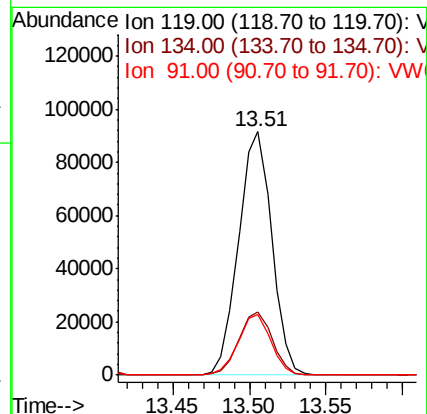
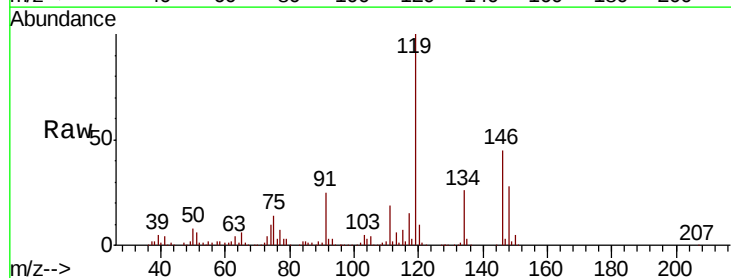
Tgt Ion:119 Resp: 138228

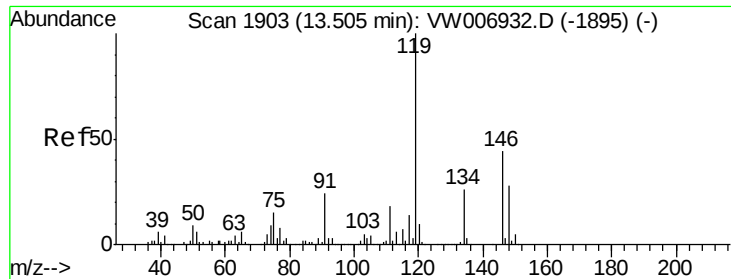
Ion Ratio Lower Upper

119 100

134 26.1 12.7 38.1

91 24.3 12.4 37.2

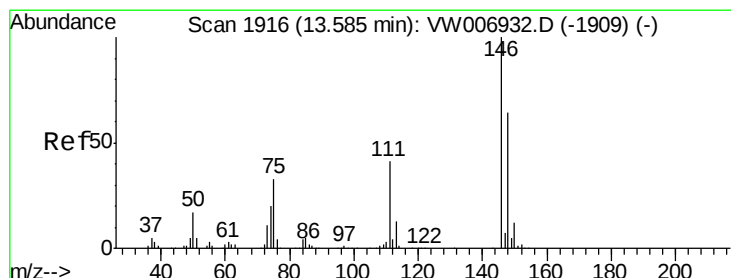
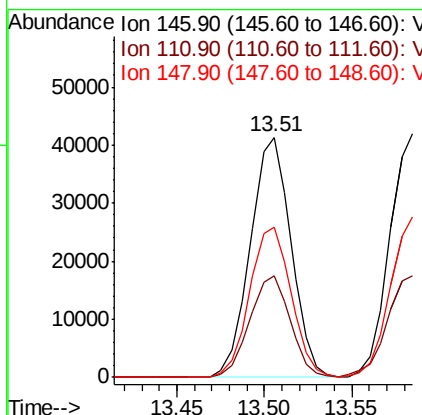
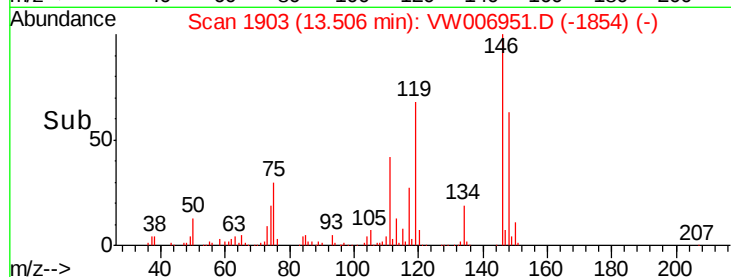
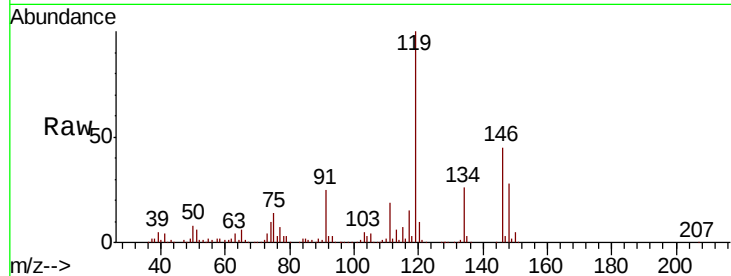




#87
 1,3-Dichlorobenzene
 Concen: 20.729 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006951.D
 Acq: 19 Nov 2018 19:18

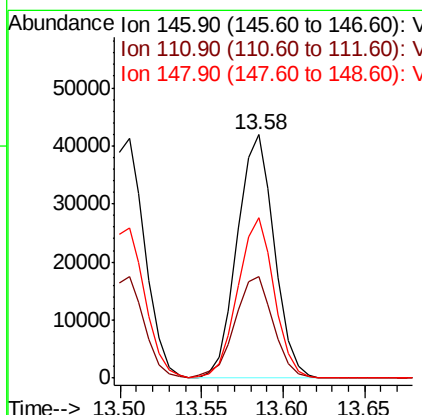
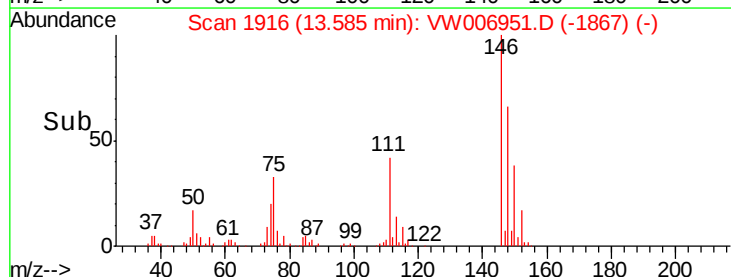
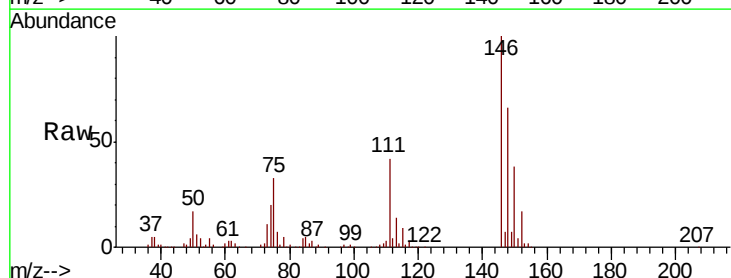
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBSD01

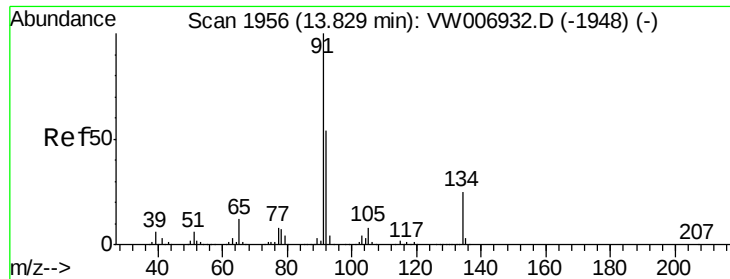
Tot Ion:146 Resp: 66886
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.3 63.9
 148 63.8 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 20.586 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006951.D
 Acq: 19 Nov 2018 19:18

Tgt Ion:146 Resp: 66200
 Ion Ratio Lower Upper
 146 100
 111 43.3 20.7 62.1
 148 64.8 31.9 95.9





#89

n-Butylbenzene

Concen: 20.105 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006951.D

Acq: 19 Nov 2018 19:18

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBS01

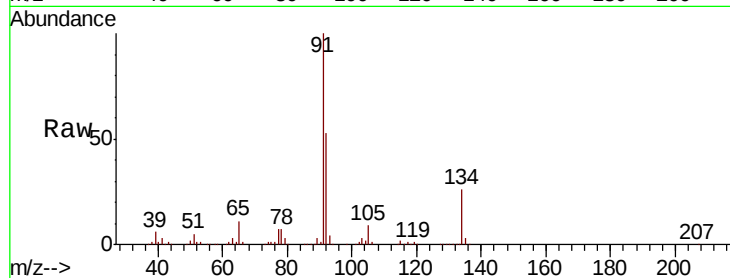
Tot Ion: 91 Resp: 129204

Ion Ratio Lower Upper

91 100

92 53.6 26.4 79.2

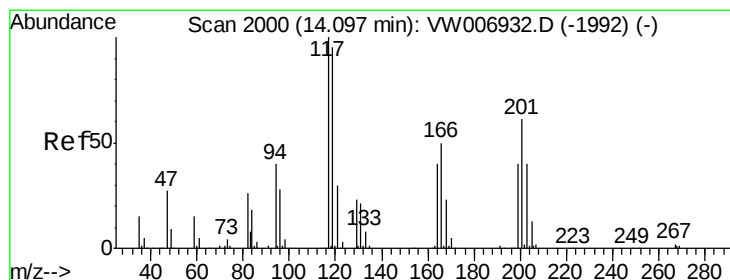
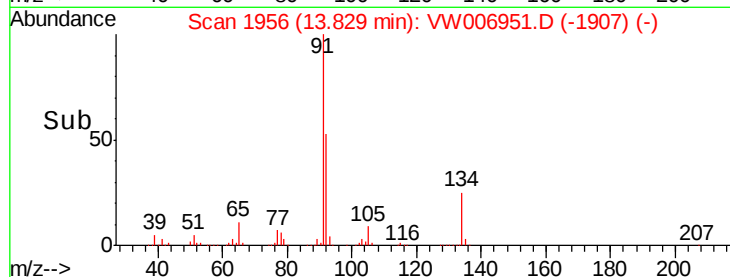
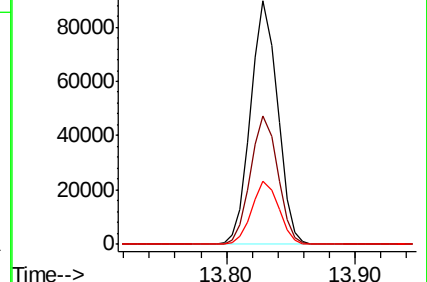
134 26.1 12.9 38.6



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: 17.280 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW006951.D

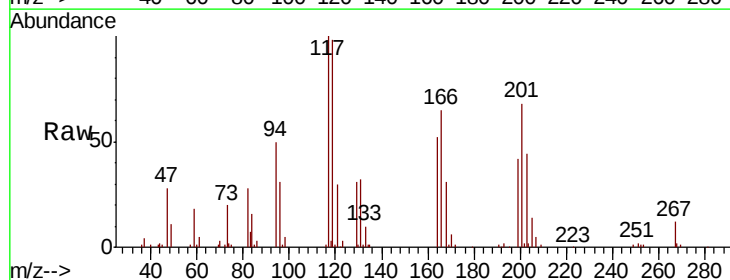
Acq: 19 Nov 2018 19:18

Tgt Ion: 117 Resp: 19126

Ion Ratio Lower Upper

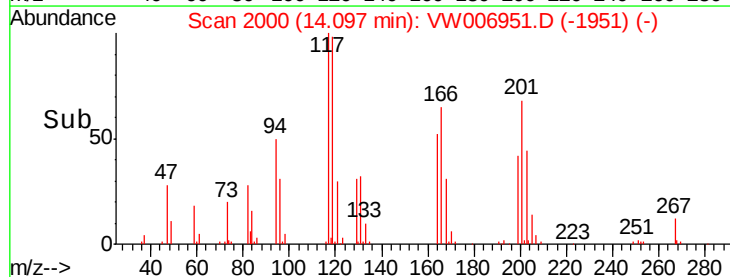
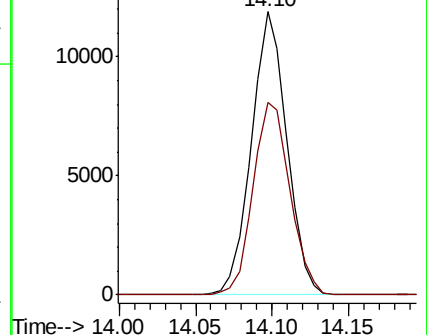
117 100

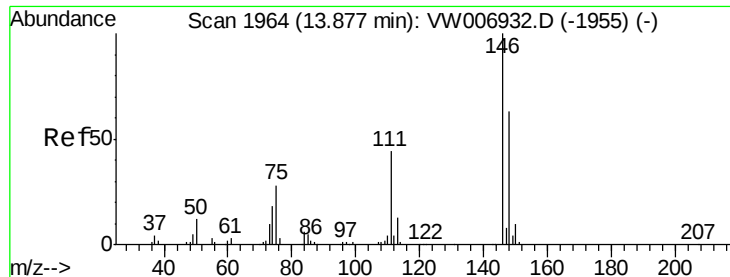
201 71.1 33.8 101.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

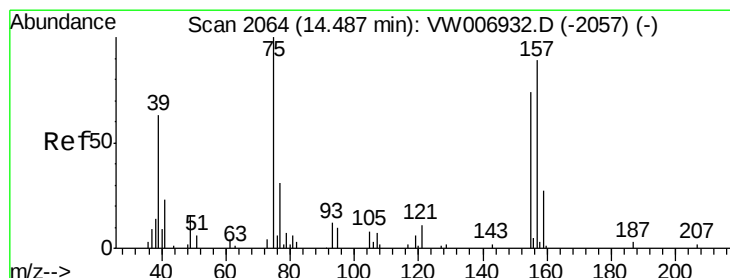
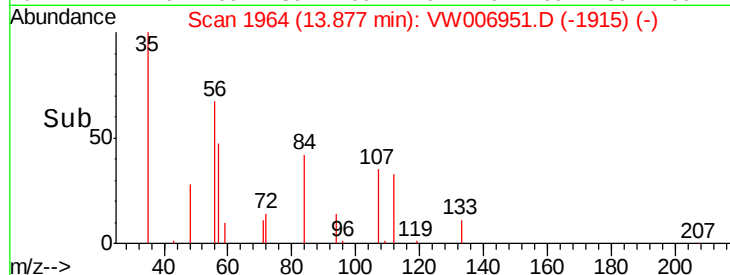
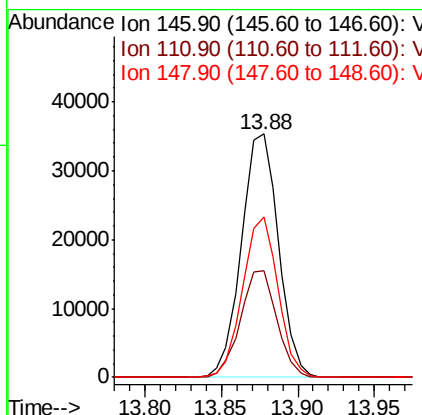
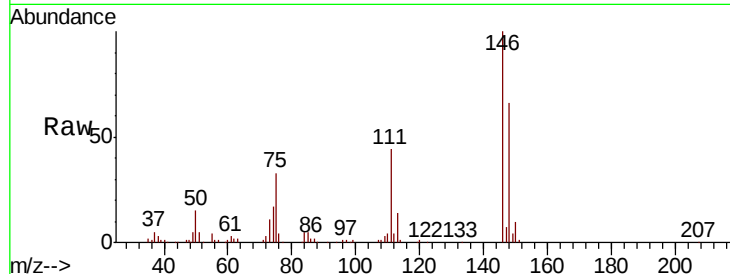




#91
 1,2-Dichlorobenzene
 Concen: 20.653 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006951.D
 Acq: 19 Nov 2018 19:18

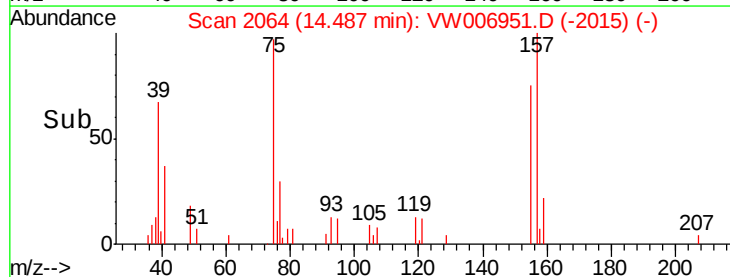
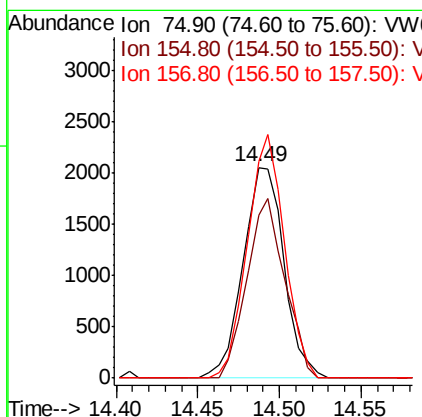
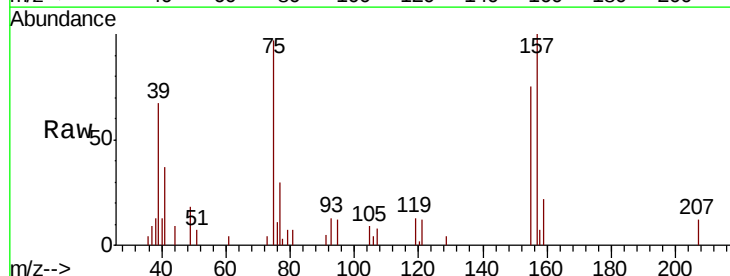
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBS01

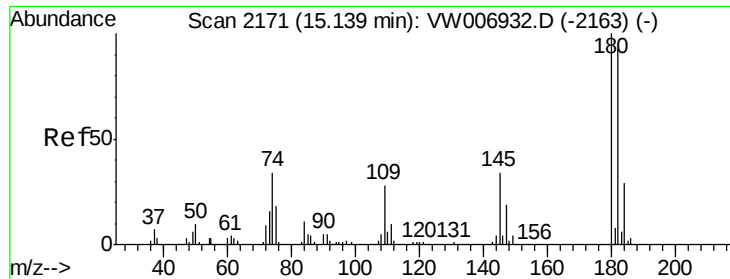
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	22.6	67.7
148	62.9	31.7	95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.975 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW006951.D
 Acq: 19 Nov 2018 19:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.9	38.6	115.7
157	104.9	49.7	149.1

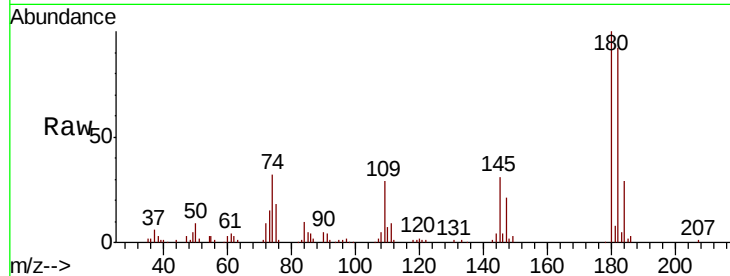




#93
 1,2,4-Trichlorobenzene
 Concen: 20.532 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006951.D
 Acq: 19 Nov 2018 19:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.3	141.9
145	32.2	16.8	50.4

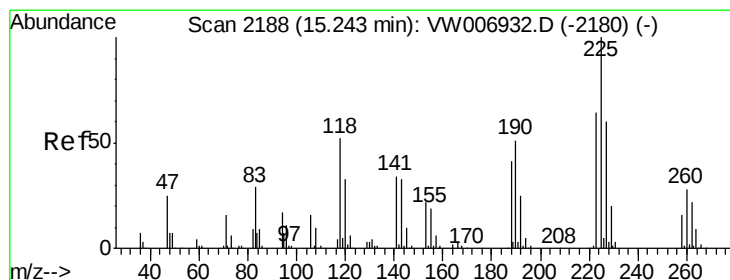
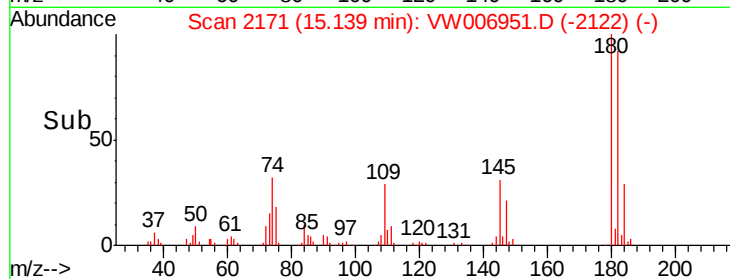
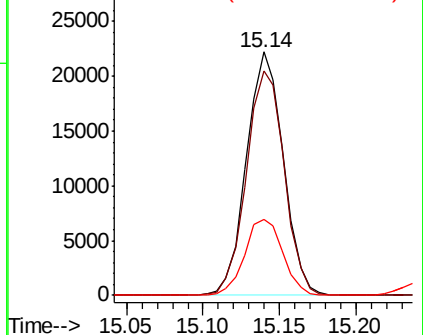


Abundance

Ion 179.80 (179.50 to 180.50): V

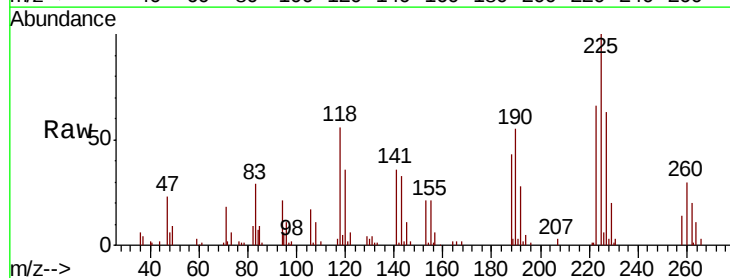
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 20.203 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006951.D
 Acq: 19 Nov 2018 19:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	32.1	96.3
227	60.8	31.6	95.0

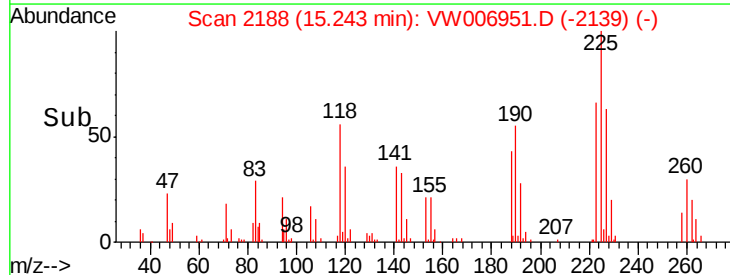
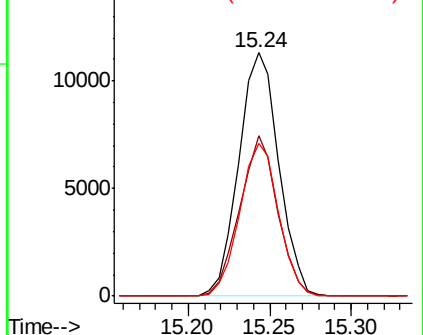


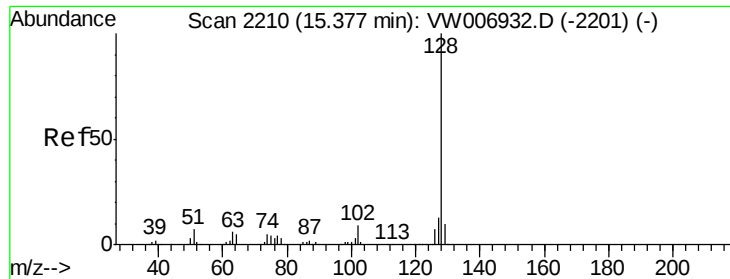
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

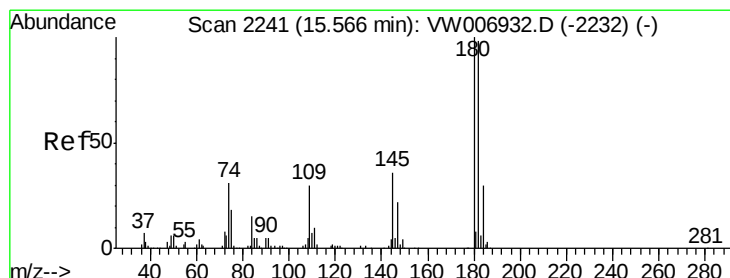
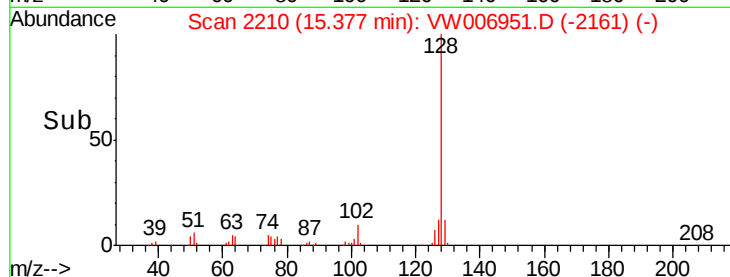
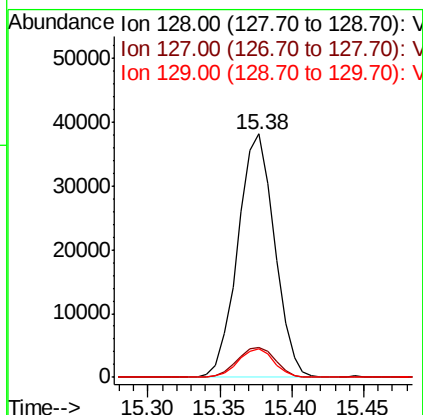
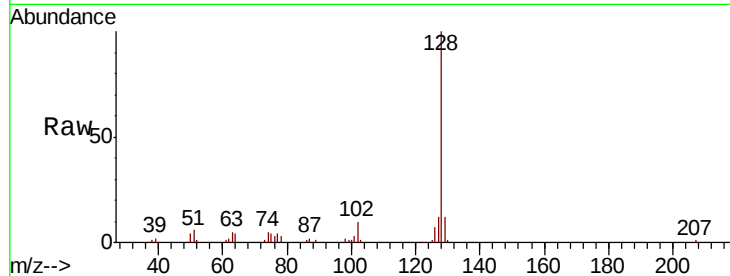




#95
Naphthalene
Concen: 19.340 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

Tot Ion:128 Resp: 67649
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 11.4 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 19.598 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006951.D
Acq: 19 Nov 2018 19:18

Tgt Ion:180 Resp: 30499
Ion Ratio Lower Upper
180 100
182 96.9 47.4 142.2
145 36.1 17.6 52.9

