

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112018\
 Data File : VW006950.D
 Acq On : 19 Nov 2018 18:52
 Operator : SY/AP
 Sample : VW1119SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBS01

Quant Time: Nov 20 04:33:47 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	7.96	168	127578	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	201322	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	193499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	96934	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	68994	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
35) Dibromofluoromethane	7.89	113	61564	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	
50) Toluene-d8	10.33	98	266917	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	
62) 4-Bromofluorobenzene	12.62	95	104730	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	28973	23.720	ug/l	100
3) Chloromethane	2.21	50	22884	20.812	ug/l	95
4) Vinyl Chloride	2.36	62	22228	21.325	ug/l	99
5) Bromomethane	2.78	94	11326	20.229	ug/l	97
6) Chloroethane	2.92	64	11618	20.240	ug/l	90
7) Trichlorofluoromethane	3.26	101	42873	21.134	ug/l	98
8) Diethyl Ether	3.69	74	14222	19.373	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	27458	20.959	ug/l	96
10) Methyl Iodide	4.28	142	26772	18.810	ug/l	98
11) Tert butyl alcohol	5.21	59	5123	47.363	ug/l	95
12) 1,1-Dichloroethene	4.04	96	24160	20.555	ug/l	96
13) Acrolein	3.90	56	9973	101.684	ug/l	98
14) Allyl chloride	4.68	41	39090	18.905	ug/l	97
15) Acrylonitrile	5.38	53	26961	94.362	ug/l	99
16) Acetone	4.15	43	20363	93.634	ug/l	98
17) Carbon Disulfide	4.39	76	76224	20.499	ug/l	98
18) Methyl Acetate	4.68	43	13849	17.401	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	68797	19.966	ug/l	100
20) Methylene Chloride	4.92	84	33117	20.093	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	28510	20.334	ug/l	97
22) Diisopropyl ether	6.32	45	81872	19.398	ug/l	99
23) Vinyl Acetate	6.26	43	216670	92.706	ug/l	97
24) 1,1-Dichloroethane	6.22	63	47627	19.597	ug/l	100
25) 2-Butanone	7.18	43	34428	95.322	ug/l	97
26) 2,2-Dichloropropane	7.17	77	42132	19.869	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	30375	19.485	ug/l	98
28) Bromochloromethane	7.52	49	17965	20.127	ug/l #	98
29) Tetrahydrofuran	7.54	42	22766	96.925	ug/l	99
30) Chloroform	7.68	83	51592	19.364	ug/l	99
31) Cyclohexane	7.96	56	51978	21.349	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	47934	20.898	ug/l	99
36) 1,1-Dichloropropene	8.09	75	42787	22.309	ug/l	99
37) Ethyl Acetate	7.26	43	15639	19.178	ug/l	100
38) Carbon Tetrachloride	8.07	117	41277	21.899	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112018\
 Data File : VW006950.D
 Acq On : 19 Nov 2018 18:52
 Operator : SY/AP
 Sample : VW1119SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBS01

Quant Time: Nov 20 04:33:47 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	50975	21.416	ug/l	99
40) Benzene	8.33	78	112658	20.784	ug/l	99
41) Methacrylonitrile	7.49	41	10463	20.948	ug/l	98
42) 1,2-Dichloroethane	8.40	62	33811	20.836	ug/l	99
43) Isopropyl Acetate	8.43	43	28734	18.364	ug/l	98
44) Trichloroethene	9.10	130	31794	21.815	ug/l	97
45) 1,2-Dichloropropane	9.37	63	28590	20.881	ug/l	99
46) Dibromomethane	9.46	93	14724	21.235	ug/l	98
47) Bromodichloromethane	9.65	83	38178	20.910	ug/l	99
48) Methyl methacrylate	9.44	41	13358	17.692	ug/l	99
49) 1,4-Dioxane	9.47	88	3890	370.214	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	74760	96.943	ug/l	98
52) Toluene	10.39	92	75344	20.777	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	35902	20.120	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	43174	20.219	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	21550	21.078	ug/l	96
56) Ethyl methacrylate	10.65	69	22613	17.790	ug/l	96
57) 1,3-Dichloropropane	10.93	76	35585	20.457	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	65726	105.176	ug/l	98
59) 2-Hexanone	10.97	43	51556	99.891	ug/l	98
60) Dibromochloromethane	11.13	129	23894	20.494	ug/l	96
61) 1,2-Dibromoethane	11.24	107	19329	20.342	ug/l	100
64) Tetrachloroethene	10.87	164	26223	21.052	ug/l	95
65) Chlorobenzene	11.66	112	84313	20.636	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	25797	19.813	ug/l	98
67) Ethyl Benzene	11.73	91	152795	20.742	ug/l	99
68) m/p-Xylenes	11.84	106	121526	42.365	ug/l	99
69) o-Xylene	12.17	106	56876	20.891	ug/l	100
70) Styrene	12.18	104	92111	21.038	ug/l	99
71) Bromoform	12.35	173	12111	19.952	ug/l #	100
73) Isopropylbenzene	12.47	105	154189	20.085	ug/l	100
74) N-amyl acetate	12.27	43	25701	16.728	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	21584	19.114	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	29307	37.622	ug/l #	100
77) Bromobenzene	12.75	156	33316	20.477	ug/l	99
78) n-propylbenzene	12.81	91	186707	20.241	ug/l	100
79) 2-Chlorotoluene	12.90	91	108253	20.025	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	133740	20.232	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	6114	17.866	ug/l	98
82) 4-Chlorotoluene	12.99	91	114366	20.066	ug/l	99
83) tert-Butylbenzene	13.21	119	115720	20.615	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	136083	20.492	ug/l	99
85) sec-Butylbenzene	13.39	105	165273	20.634	ug/l	100
86) p-Isopropyltoluene	13.51	119	145248	20.749	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	69750	20.965	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	68289	20.595	ug/l	97
89) n-Butylbenzene	13.83	91	135582	20.461	ug/l	99
90) Hexachloroethane	14.10	117	21016	18.415	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	61023	20.512	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3653	18.694	ug/l	98

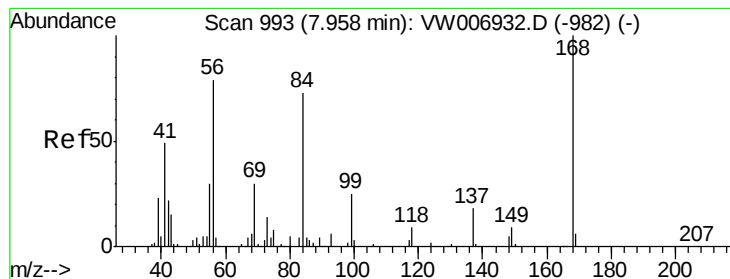
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112018\
Data File : VW006950.D
Acq On : 19 Nov 2018 18:52
Operator : SY/AP
Sample : VW1119SBS01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

Quant Time: Nov 20 04:33:47 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)
93) 1,2,4-Trichlorobenzene	15.14	180	39055	20.865	ug/l	98
94) Hexachlorobutadiene	15.24	225	20595	20.829	ug/l	100
95) Naphthalene	15.38	128	69828	19.361	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	32861	20.479	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Instrument :

MSVOA_W

ClientSampleId :

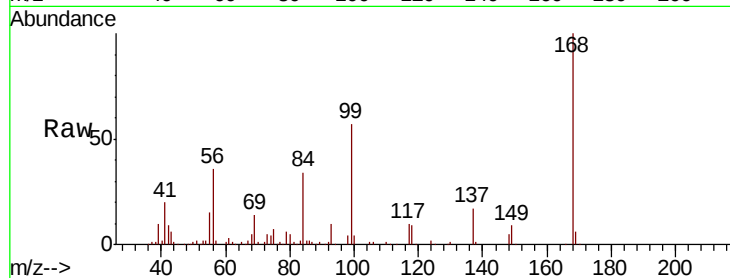
VW1120SBS01

Tot Ion:168 Resp: 127578

Ion Ratio Lower Upper

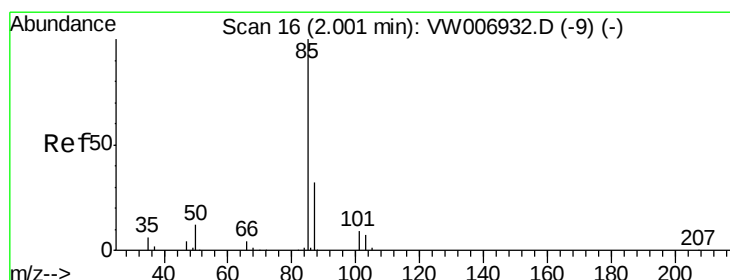
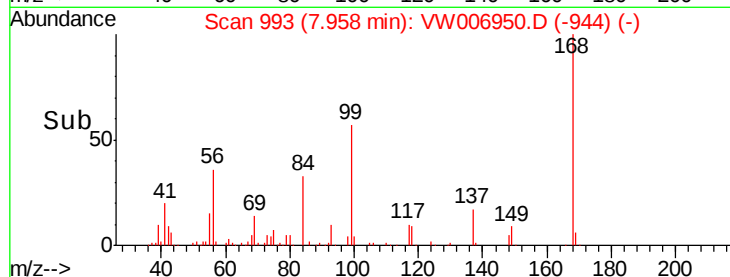
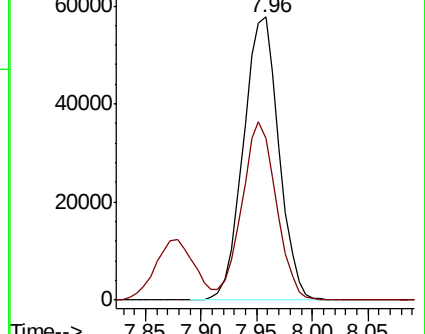
168 100

99 57.2 49.3 73.9



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 23.720 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW006950.D

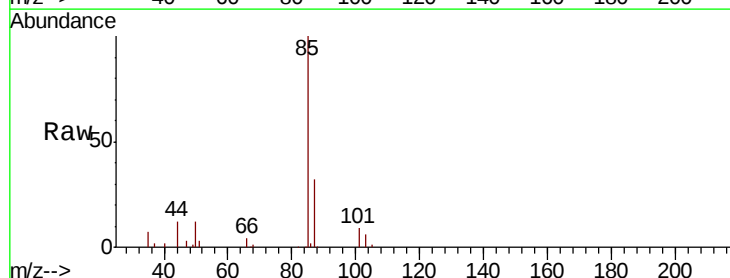
Acq: 19 Nov 2018 18:52

Tgt Ion: 85 Resp: 28973

Ion Ratio Lower Upper

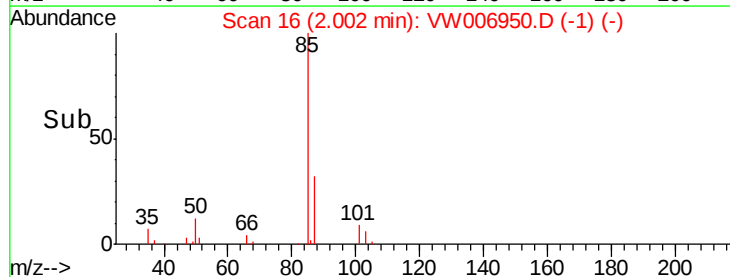
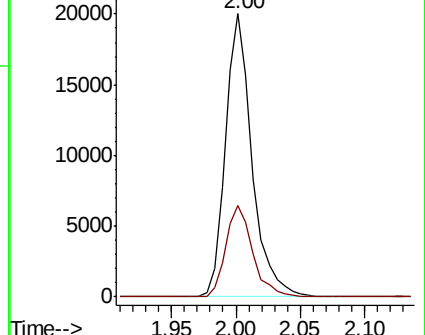
85 100

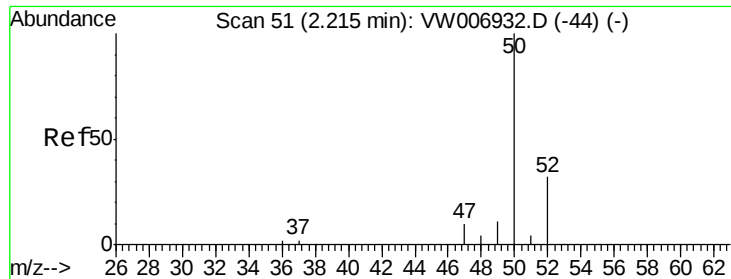
87 32.2 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 20.812 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Instrument :

MSVOA_W

ClientSampleId :

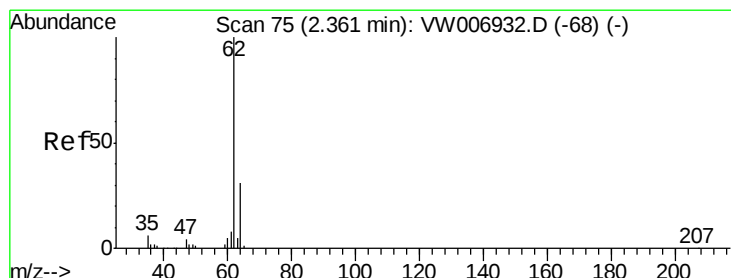
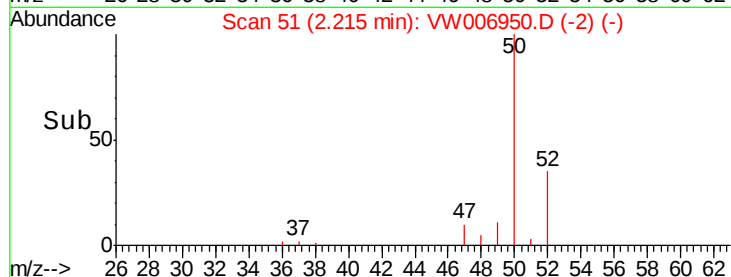
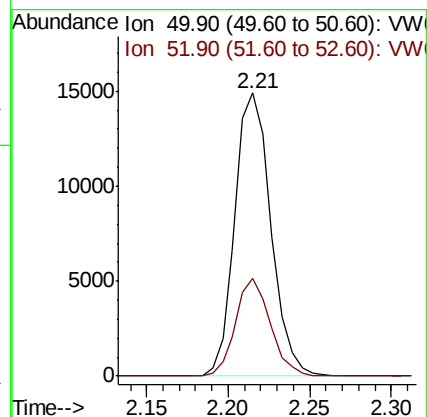
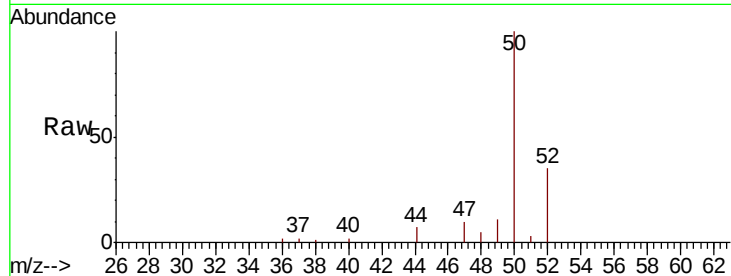
VW1120SBS01

Tot Ion: 50 Resp: 22884

Ion Ratio Lower Upper

50 100

52 34.6 25.4 38.2



#4

Vinyl Chloride

Concen: 21.325 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW006950.D

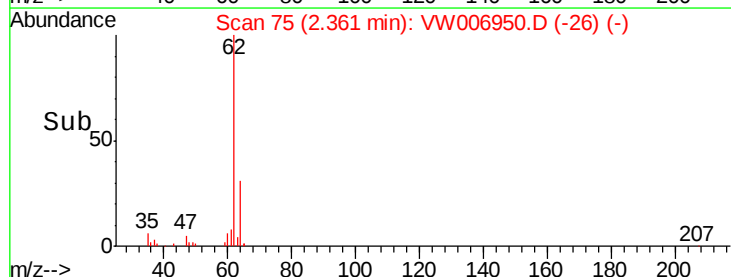
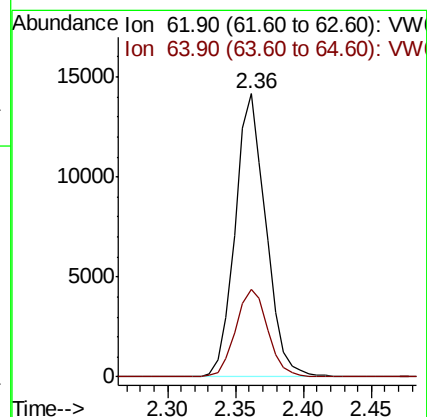
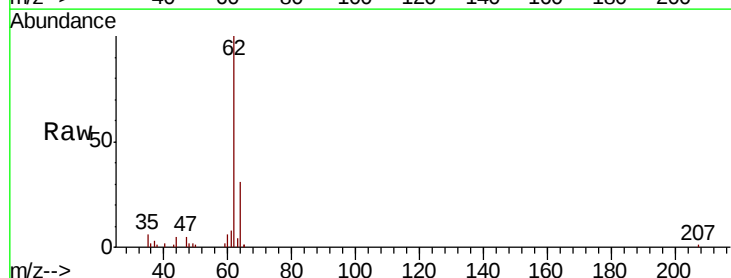
Acq: 19 Nov 2018 18:52

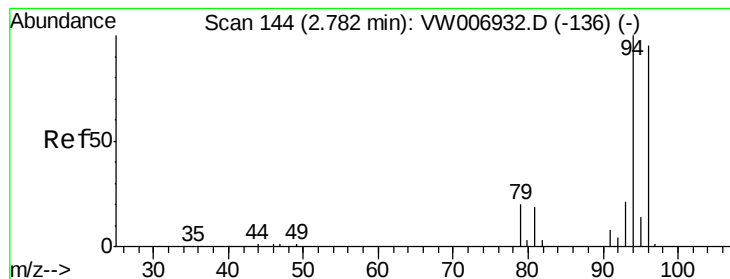
Tgt Ion: 62 Resp: 22228

Ion Ratio Lower Upper

62 100

64 31.1 24.6 37.0





#5

Bromomethane

Concen: 20.229 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Instrument :

MSVOA_W

ClientSampleId :

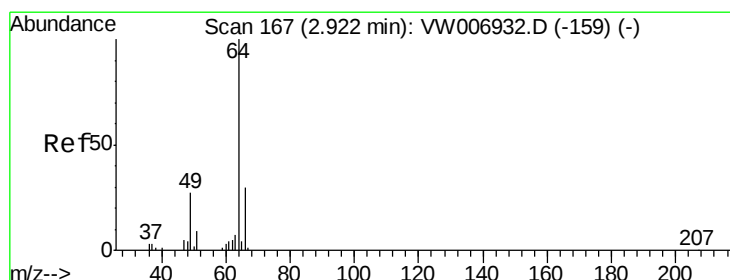
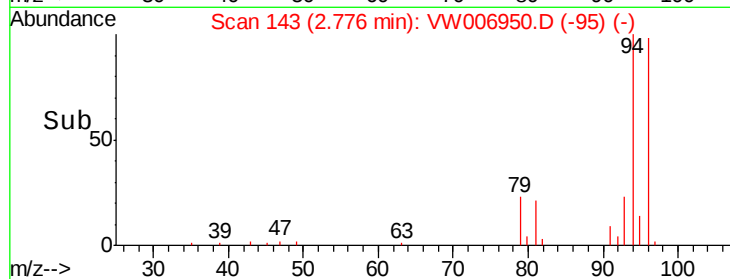
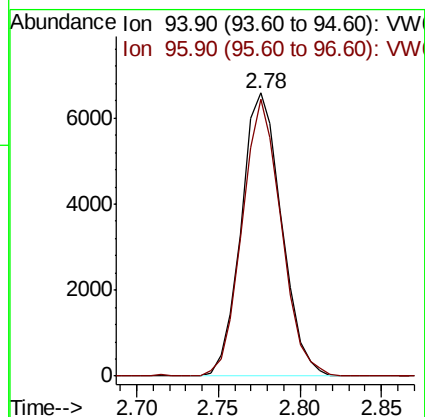
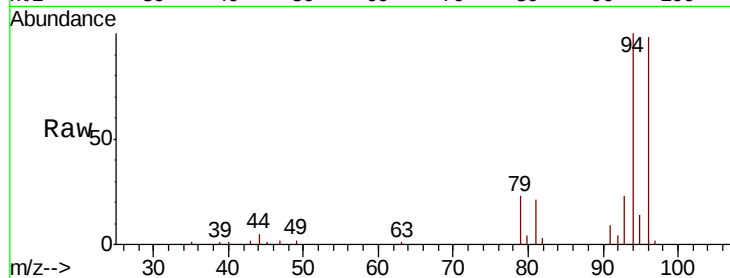
VW1120SBS01

Tot Ion: 94 Resp: 11326

Ion Ratio Lower Upper

94 100

96 98.0 76.2 114.4



#6

Chloroethane

Concen: 20.240 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW006950.D

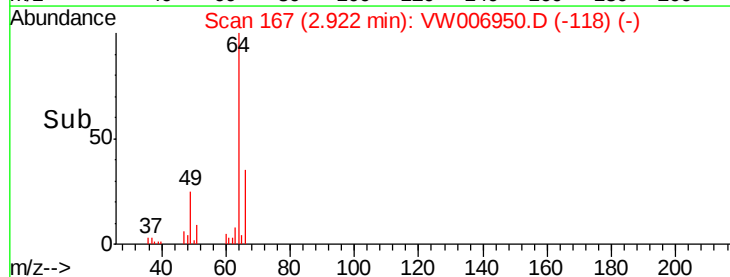
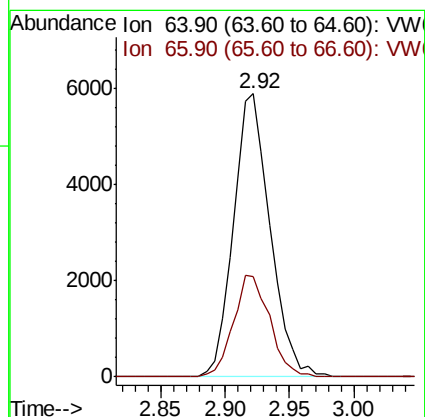
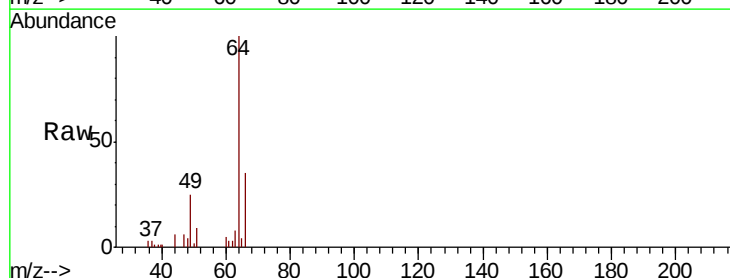
Acq: 19 Nov 2018 18:52

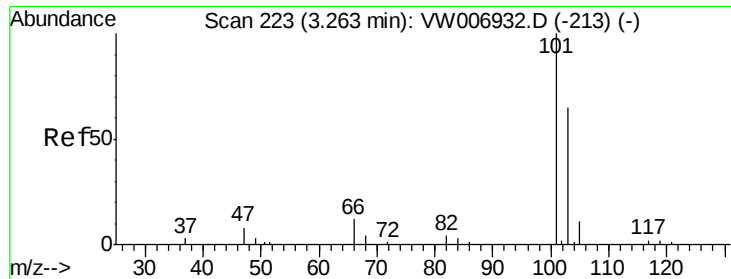
Tgt Ion: 64 Resp: 11618

Ion Ratio Lower Upper

64 100

66 35.4 24.0 36.0



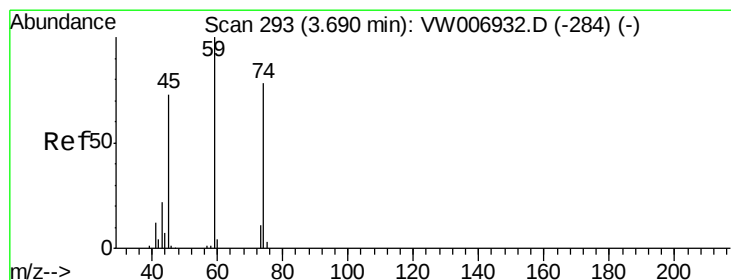
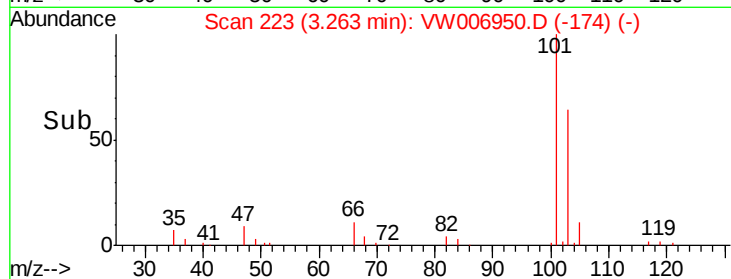
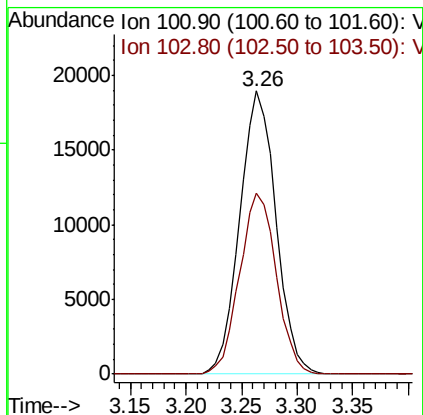
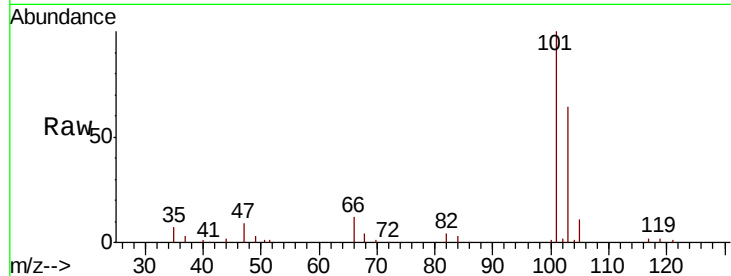


#7

Trichlorofluoromethane
Concen: 21.134 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

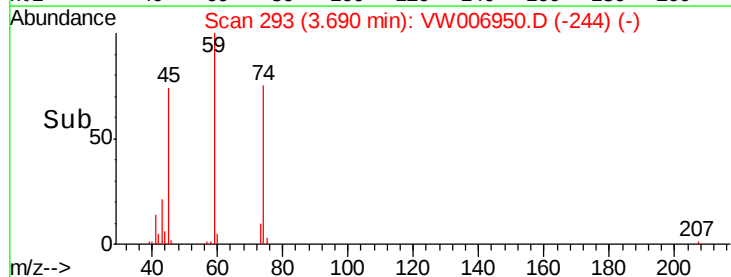
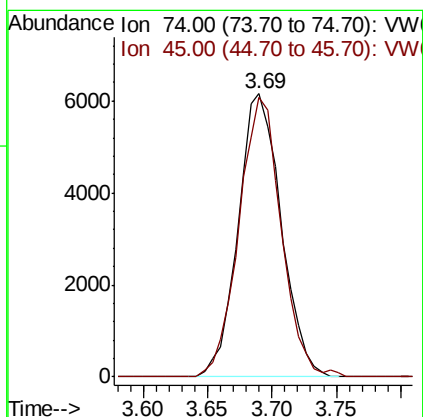
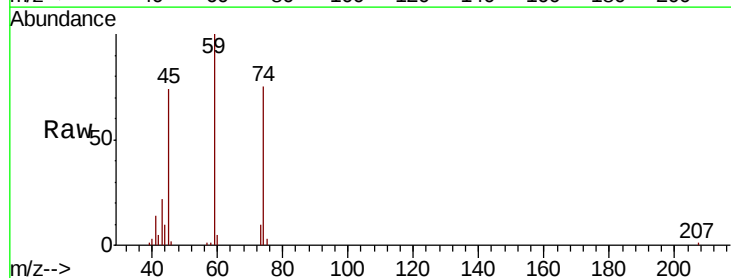
Tot Ion:101 Resp: 42873
Ion Ratio Lower Upper
101 100
103 64.0 52.2 78.2

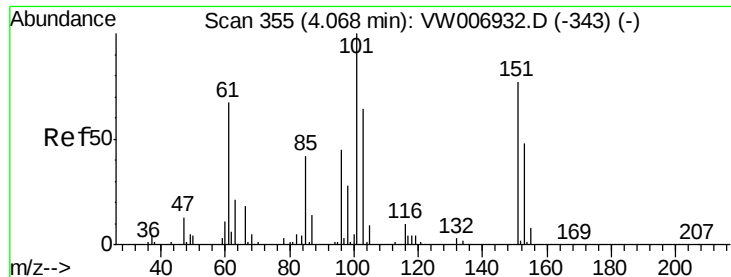


#8

Diethyl Ether
Concen: 19.373 ug/l
RT: 3.69 min Scan# 293
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Tgt Ion: 74 Resp: 14222
Ion Ratio Lower Upper
74 100
45 97.1 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.959 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBS01

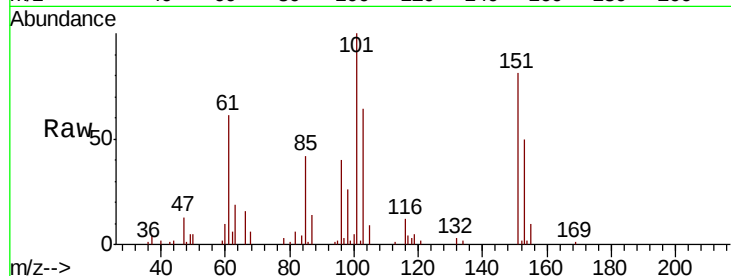
Tot Ion:101 Resp: 27458

Ion Ratio Lower Upper

101 100

85 45.6 34.5 51.7

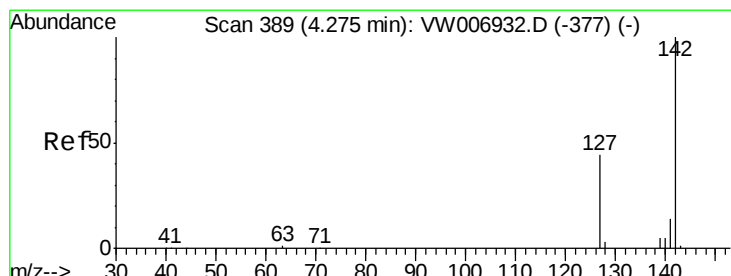
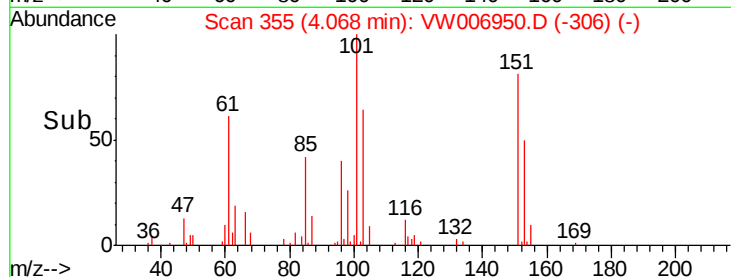
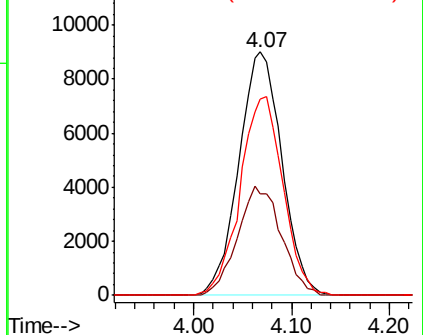
151 81.0 61.5 92.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.810 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

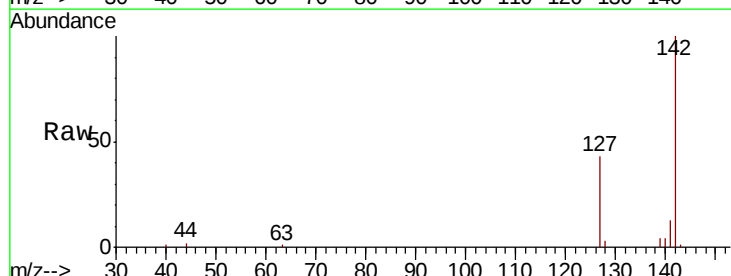
Tgt Ion:142 Resp: 26772

Ion Ratio Lower Upper

142 100

127 44.3 34.4 51.6

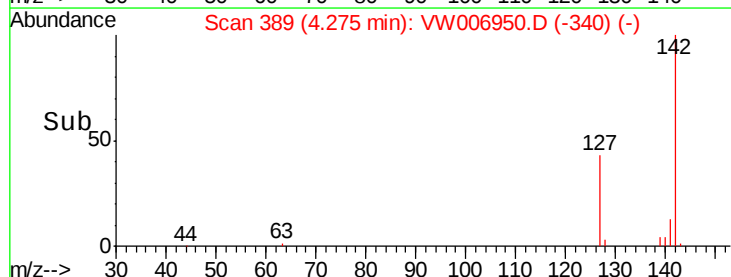
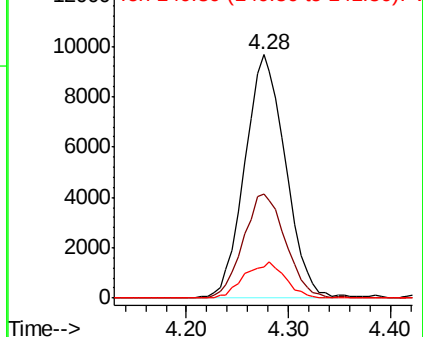
141 14.7 11.5 17.3

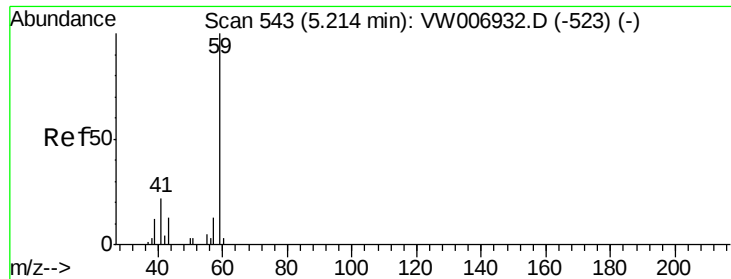


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



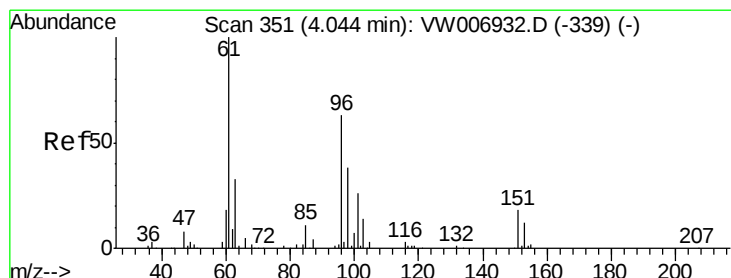
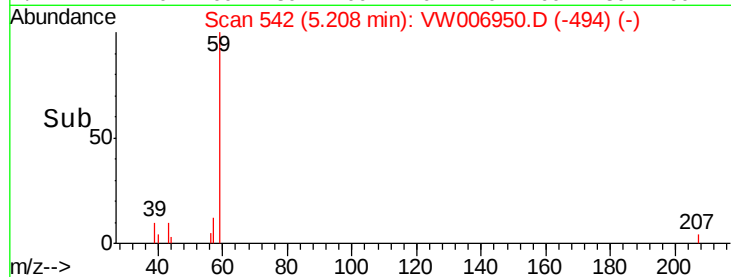
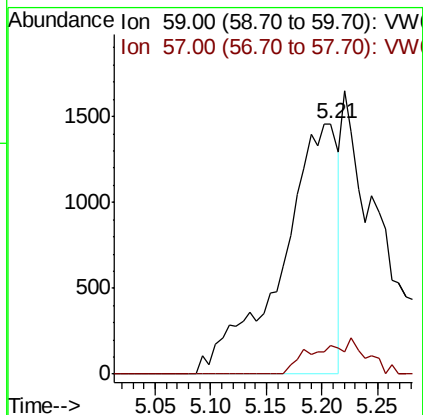
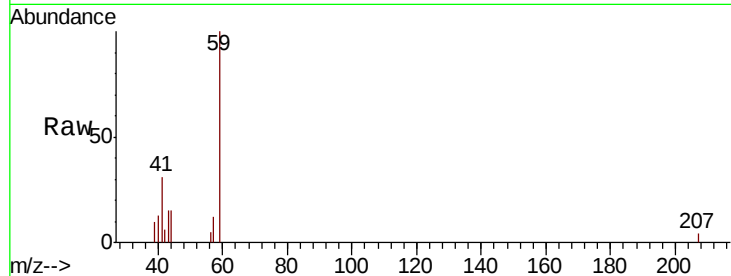


#11

Tert butyl alcohol
 Concen: 47.363 ug/l
 RT: 5.21 min Scan# 542
 Delta R.T. -0.01 min
 Lab File: VW006950.D
 Acq: 19 Nov 2018 18:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBS01

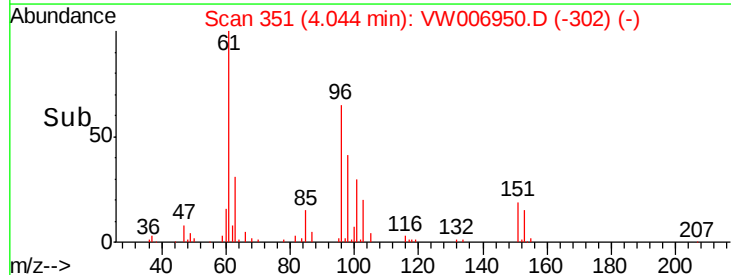
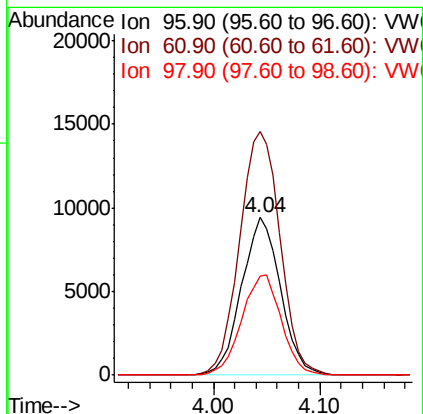
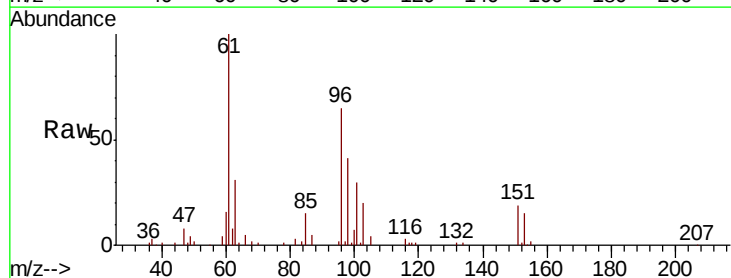
Tot Ion: 59 Resp: 5123
 Ion Ratio Lower Upper
 59 100
 57 13.0 8.8 13.2

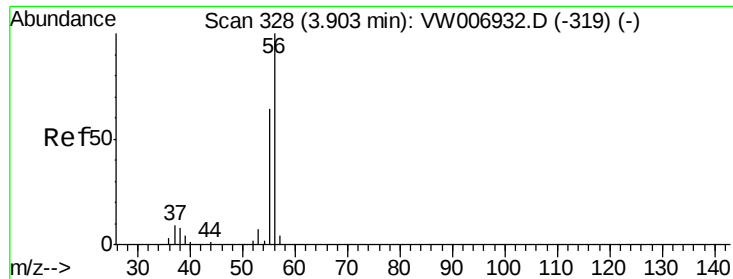


#12

1,1-Dichloroethene
 Concen: 20.555 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VW006950.D
 Acq: 19 Nov 2018 18:52

Tgt Ion: 96 Resp: 24160
 Ion Ratio Lower Upper
 96 100
 61 154.7 127.8 191.8
 98 63.3 48.3 72.5





#13

Acrolein

Concen: 101.684 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Instrument :

MSVOA_W

ClientSampleId :

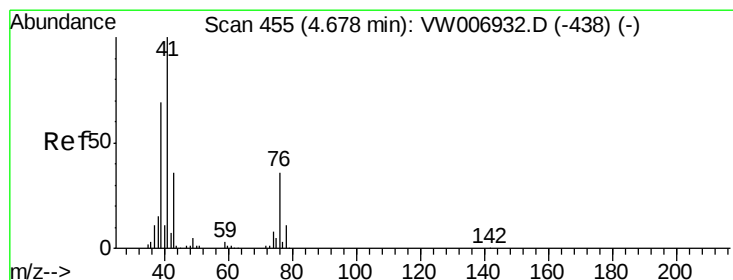
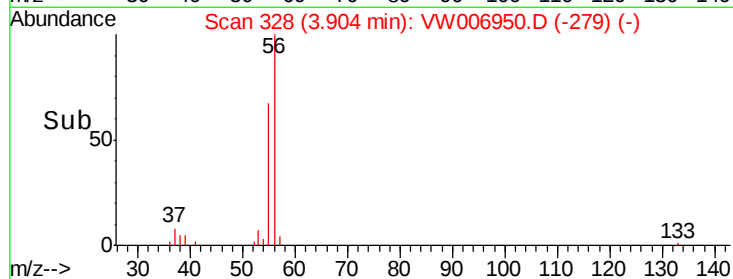
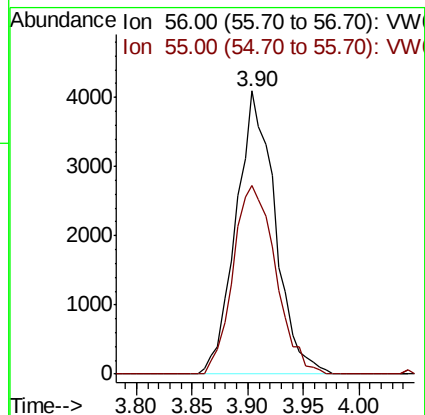
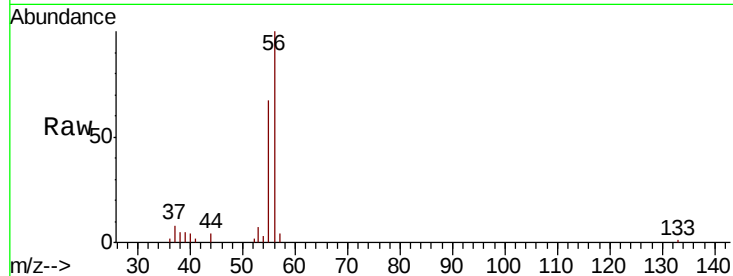
VW1120SBS01

Tot Ion: 56 Resp: 9973

Ion Ratio Lower Upper

56 100

55 72.6 56.5 84.7



#14

Allyl chloride

Concen: 18.905 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

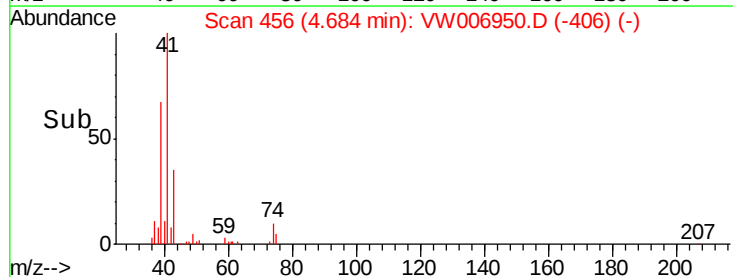
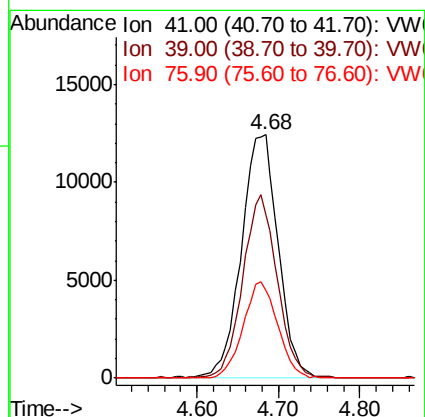
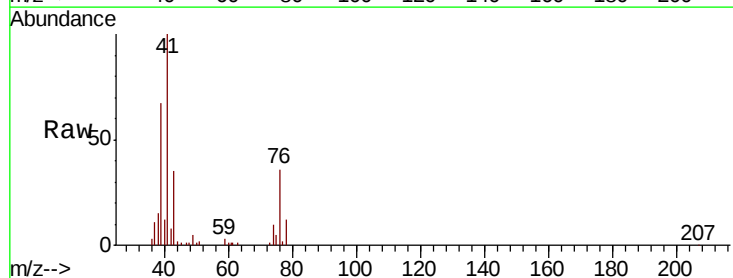
Tgt Ion: 41 Resp: 39090

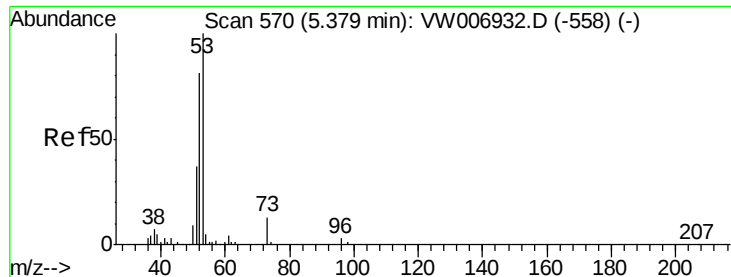
Ion Ratio Lower Upper

41 100

39 70.4 55.0 82.4

76 37.0 28.0 42.0





#15

Acrylonitrile

Concen: 94.362 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBS01

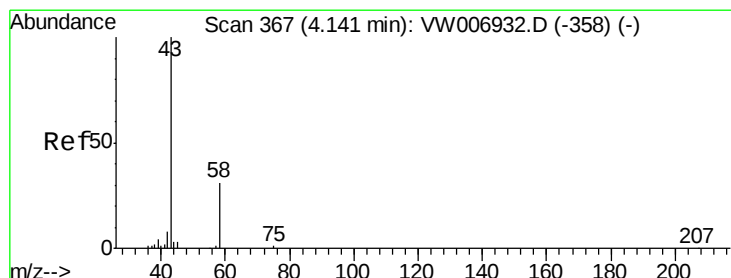
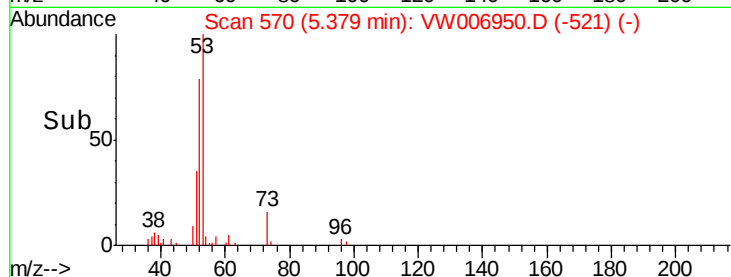
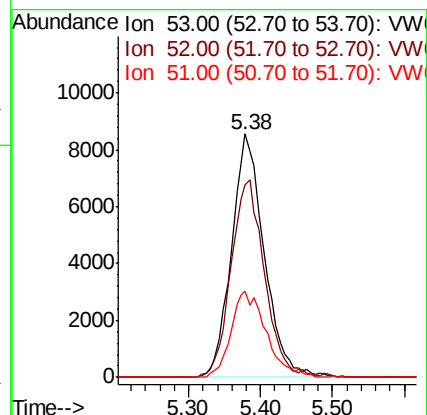
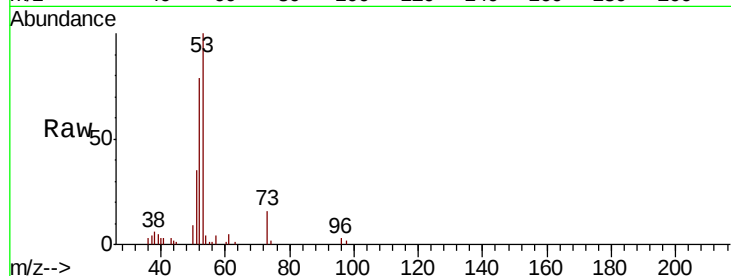
Tot Ion: 53 Resp: 26961

Ion Ratio Lower Upper

53 100

52 83.0 67.0 100.6

51 37.7 29.8 44.6



#16

Acetone

Concen: 93.634 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW006950.D

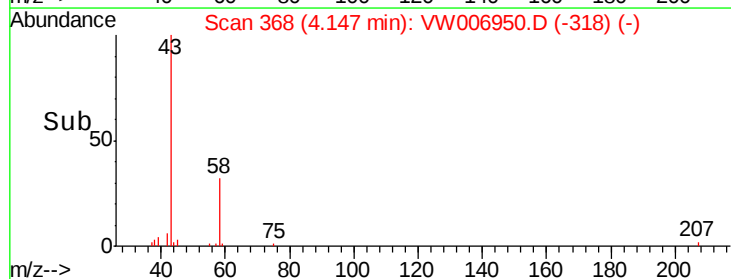
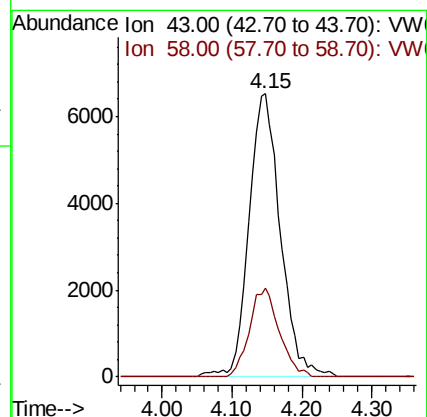
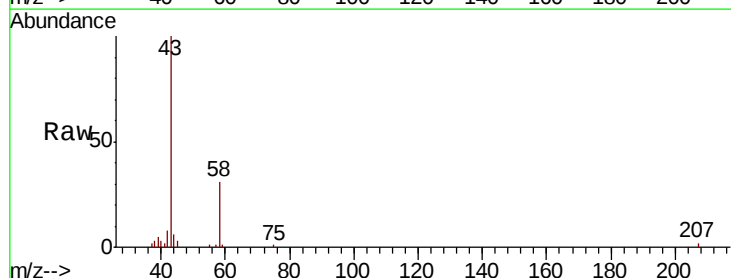
Acq: 19 Nov 2018 18:52

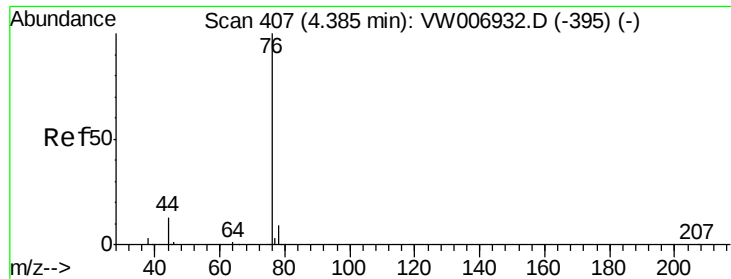
Tgt Ion: 43 Resp: 20363

Ion Ratio Lower Upper

43 100

58 31.4 24.2 36.4

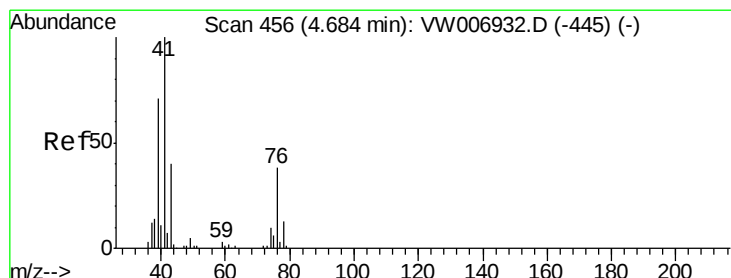
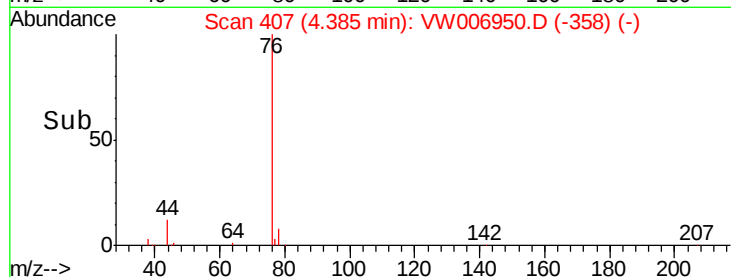
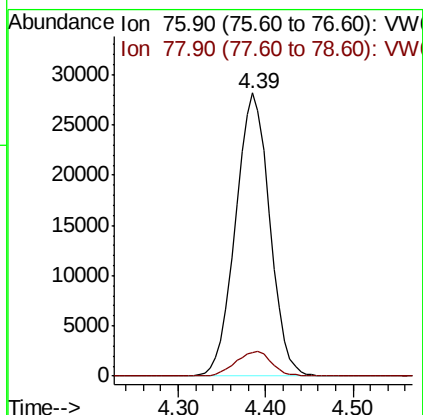
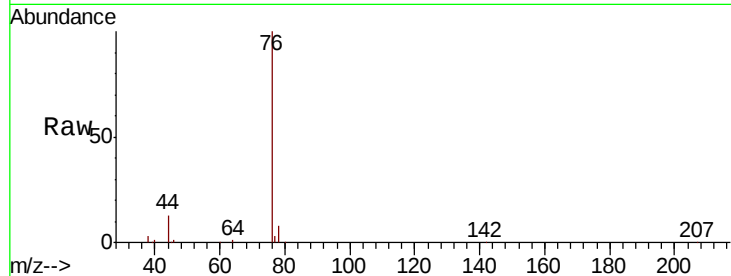




#17
Carbon Disulfide
Concen: 20.499 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

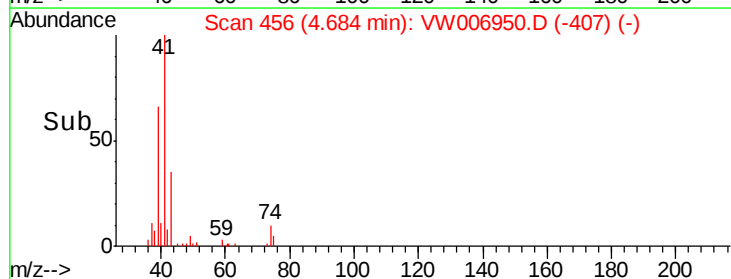
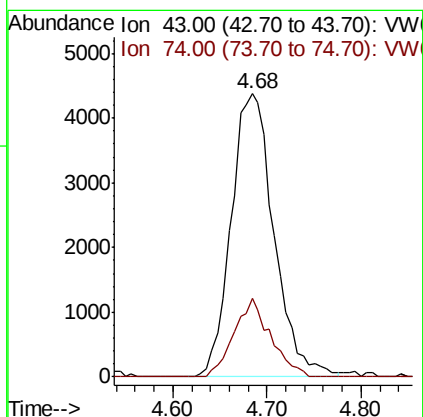
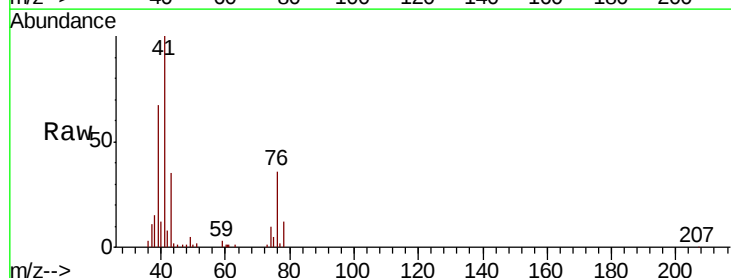
Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

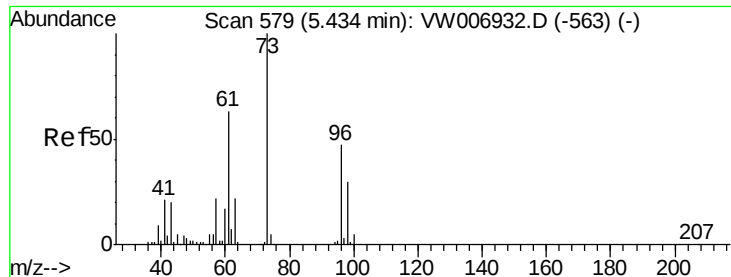
Tot Ion: 76 Resp: 76224
Ion Ratio Lower Upper
76 100
78 8.3 7.1 10.7



#18
Methyl Acetate
Concen: 17.401 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Tgt Ion: 43 Resp: 13849
Ion Ratio Lower Upper
43 100
74 23.8 20.3 30.5

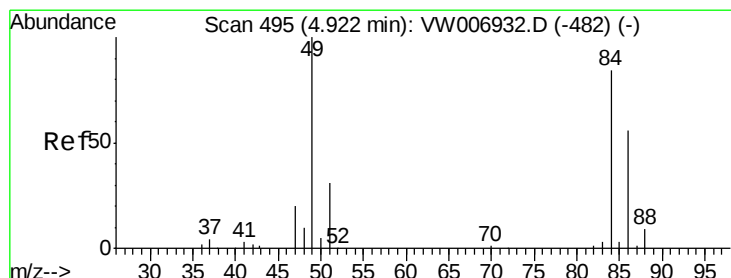
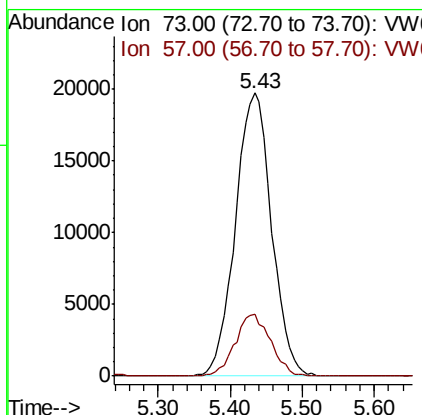
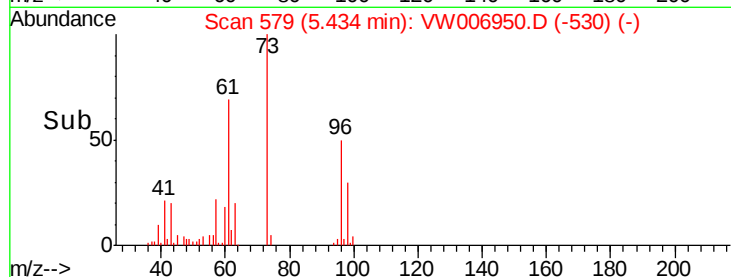
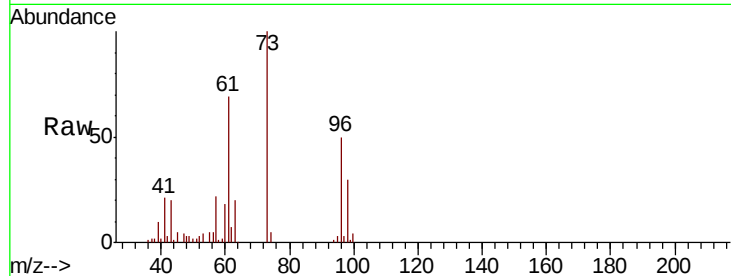




#19
Methyl tert-butyl Ether
Concen: 19.966 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

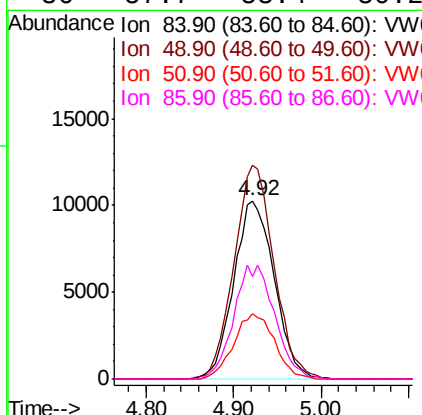
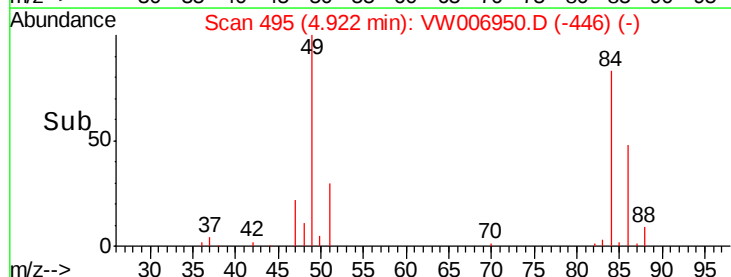
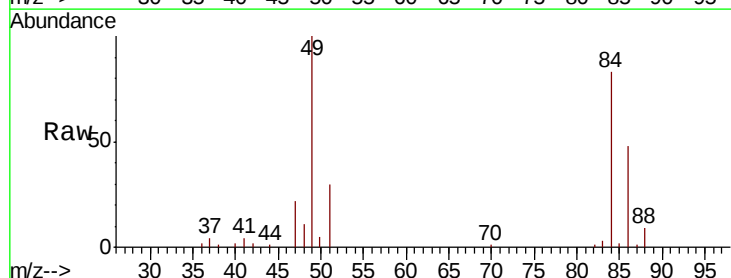
Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

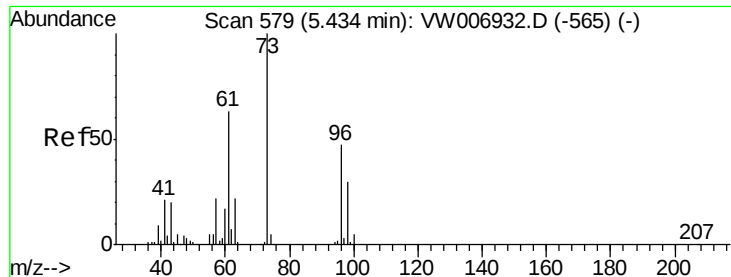
Tot Ion: 73 Resp: 68797
Ion Ratio Lower Upper
73 100
57 21.7 17.5 26.3



#20
Methylene Chloride
Concen: 20.093 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Tgt Ion: 84 Resp: 33117
Ion Ratio Lower Upper
84 100
49 119.9 95.4 143.2
51 36.6 29.5 44.3
86 57.7 53.4 80.2





#21

trans-1,2-Dichloroethene

Concen: 20.334 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBS01

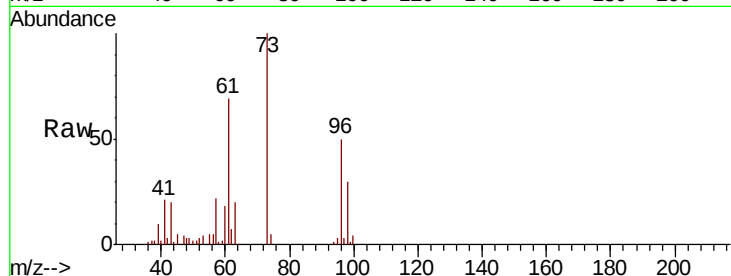
Tot Ion: 96 Resp: 28510

Ion Ratio Lower Upper

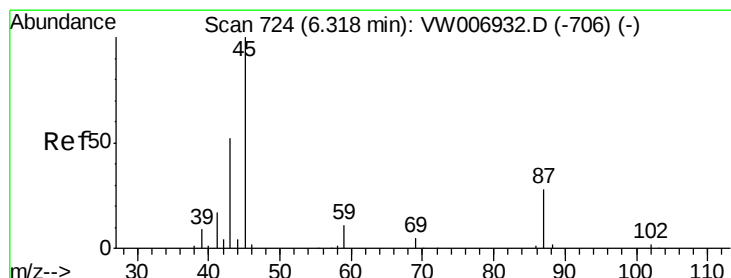
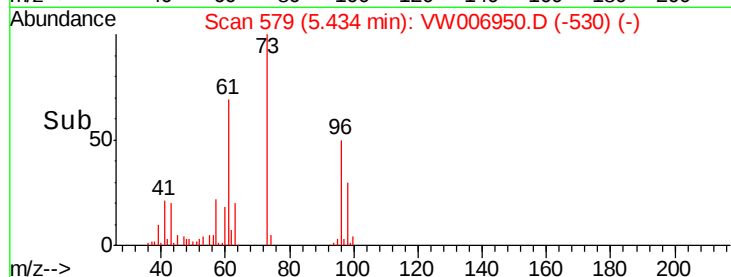
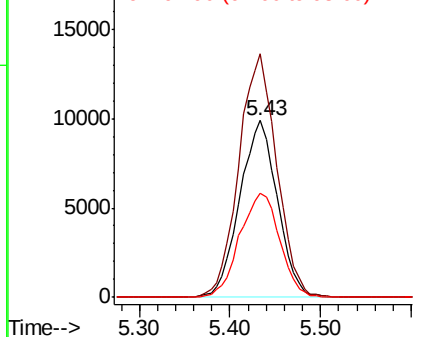
96 100

61 137.7 108.2 162.4

98 59.2 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: 19.398 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Tgt Ion: 45 Resp: 81872

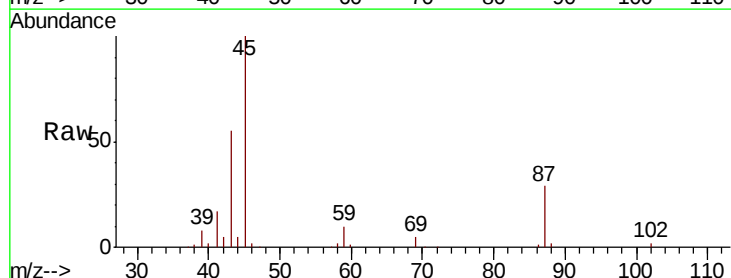
Ion Ratio Lower Upper

45 100

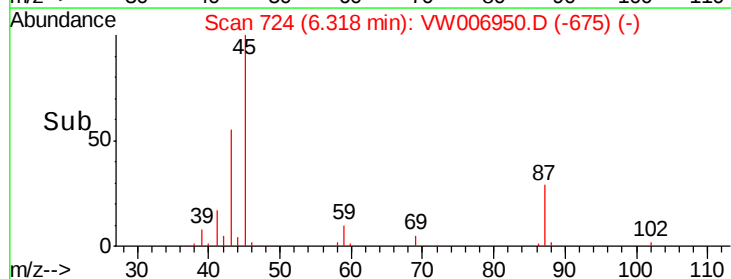
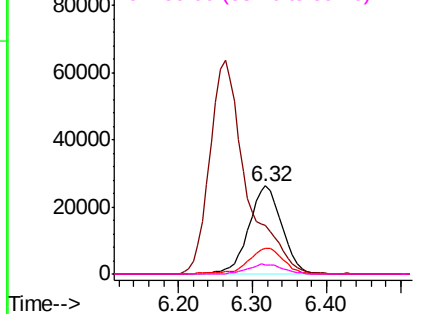
43 54.1 43.1 64.7

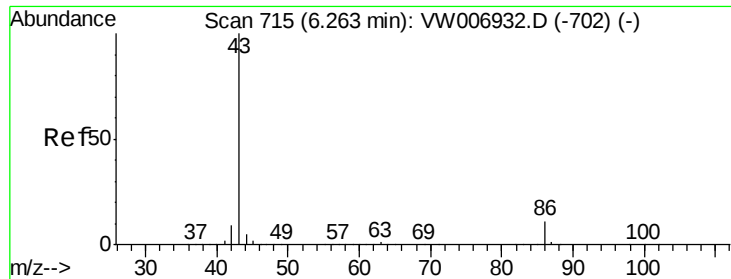
87 29.3 22.7 34.1

59 10.5 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: 92.706 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Instrument :

MSVOA_W

ClientSampleId :

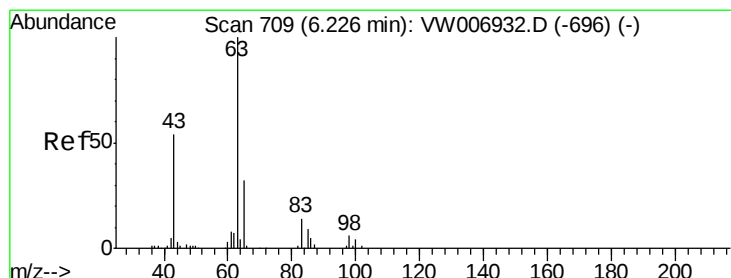
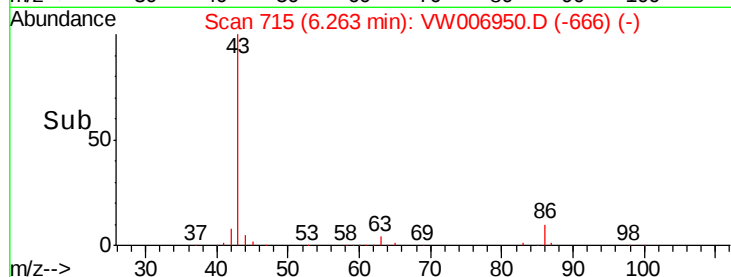
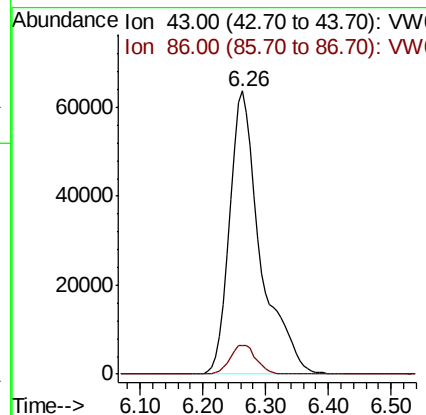
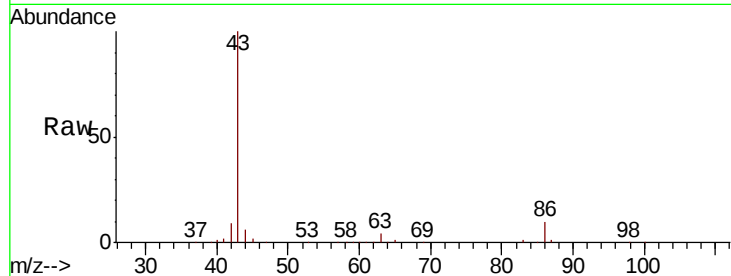
VW1120SBS01

Tot Ion: 43 Resp: 216670

Ion Ratio Lower Upper

43 100

86 9.9 8.7 13.1



#24

1,1-Dichloroethane

Concen: 19.597 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

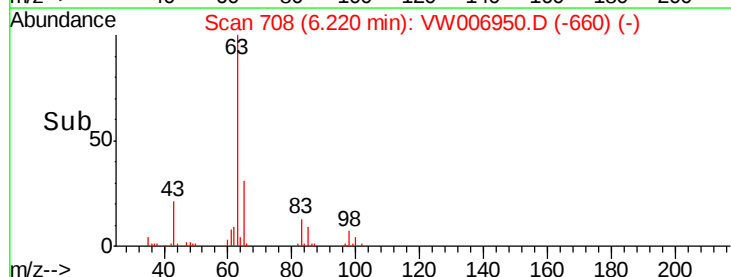
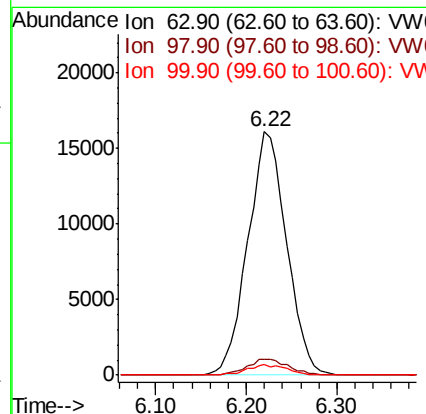
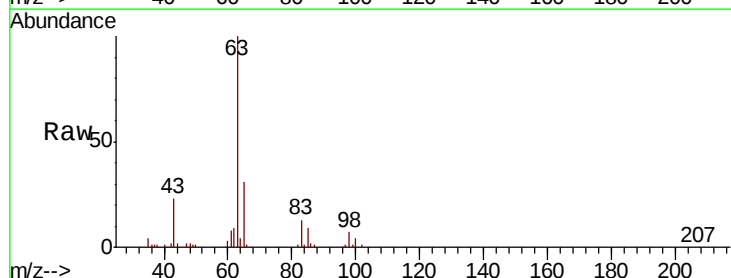
Tgt Ion: 63 Resp: 47627

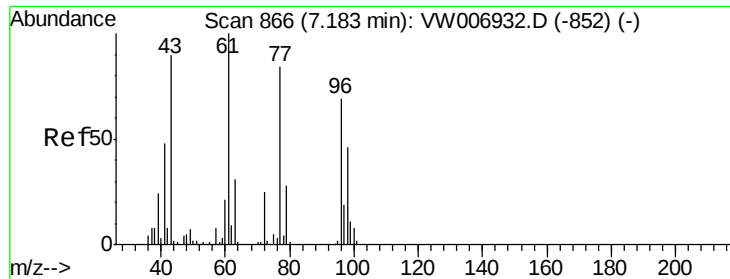
Ion Ratio Lower Upper

63 100

98 6.5 3.2 9.6

100 4.4 2.1 6.5





#25

2-Butanone

Concen: 95.322 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Instrument :

MSVOA_W

ClientSampled :

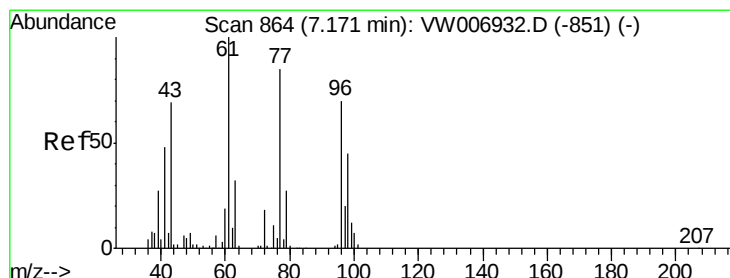
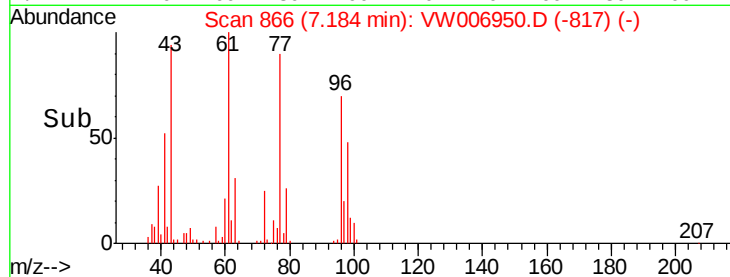
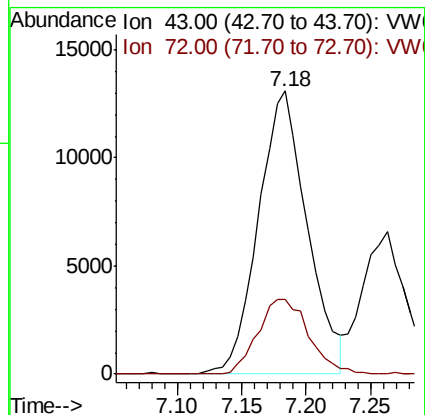
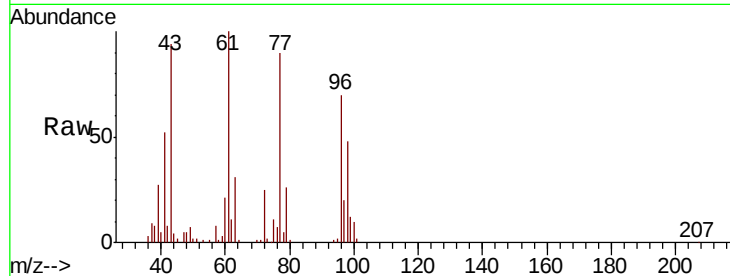
VW1120SBS01

Tot Ion: 43 Resp: 34428

Ion Ratio Lower Upper

43 100

72 26.2 22.1 33.1



#26

2,2-Dichloropropane

Concen: 19.869 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006950.D

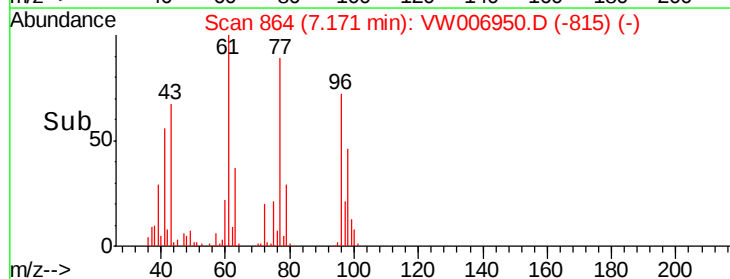
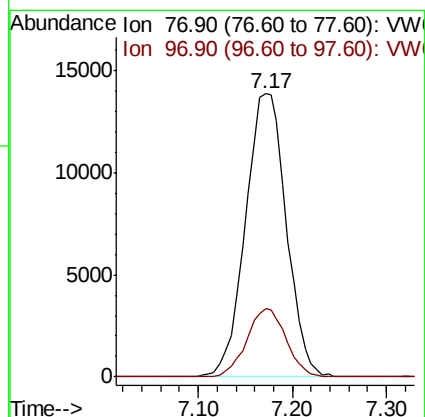
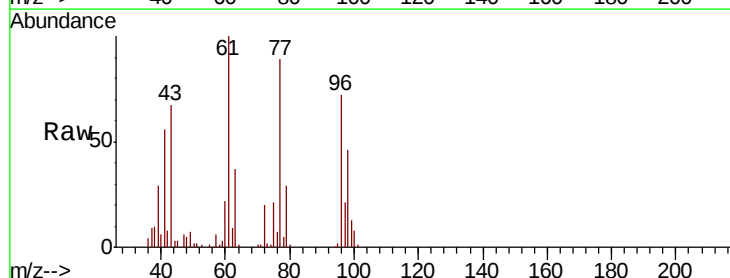
Acq: 19 Nov 2018 18:52

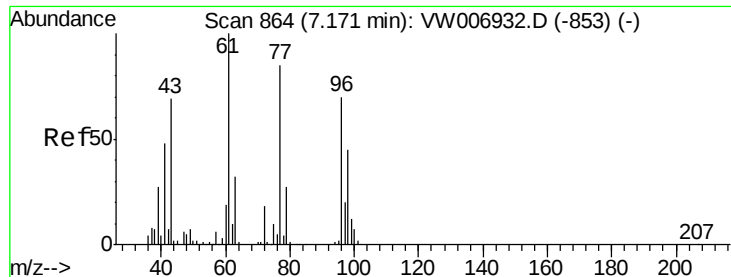
Tgt Ion: 77 Resp: 42132

Ion Ratio Lower Upper

77 100

97 23.0 11.3 33.9

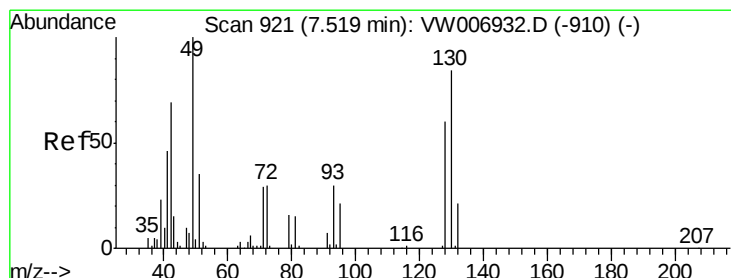
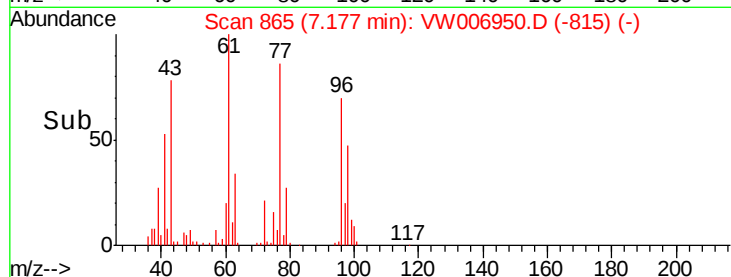
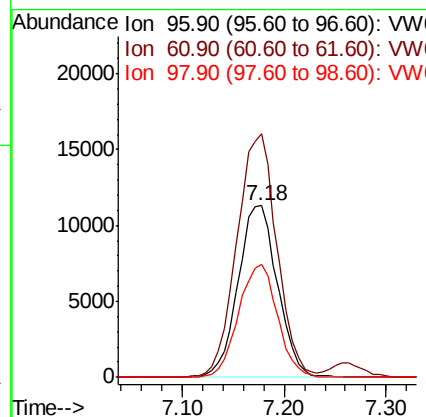
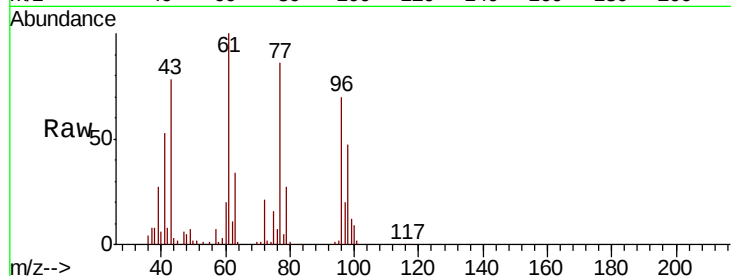




#27
 cis-1,2-Dichloroethene
 Concen: 19.485 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VW006950.D
 Acq: 19 Nov 2018 18:52

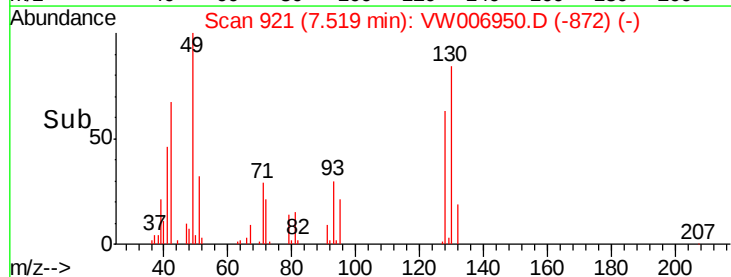
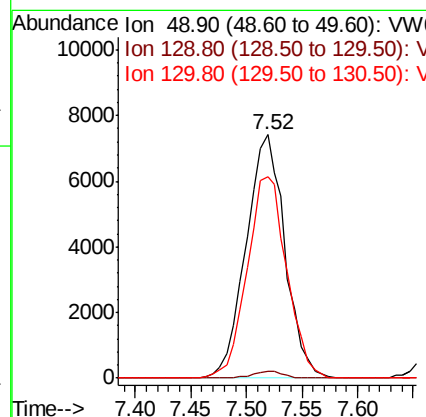
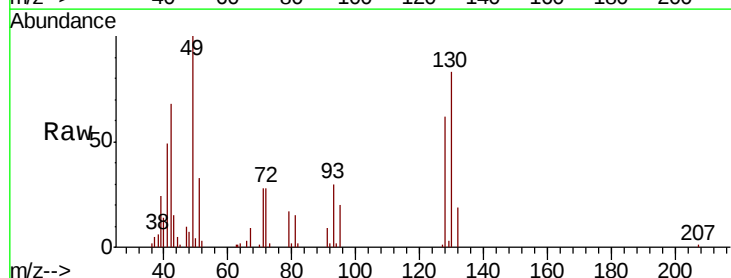
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBS01

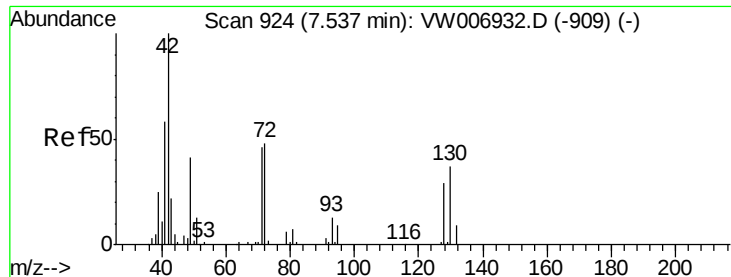
Tot Ion: 96 Resp: 30375
 Ion Ratio Lower Upper
 96 100
 61 144.0 0.0 293.8
 98 64.7 0.0 131.0



#28
 Bromochloromethane
 Concen: 20.127 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VW006950.D
 Acq: 19 Nov 2018 18:52

Tgt Ion: 49 Resp: 17965
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 1.6#
 130 84.6 66.1 99.1

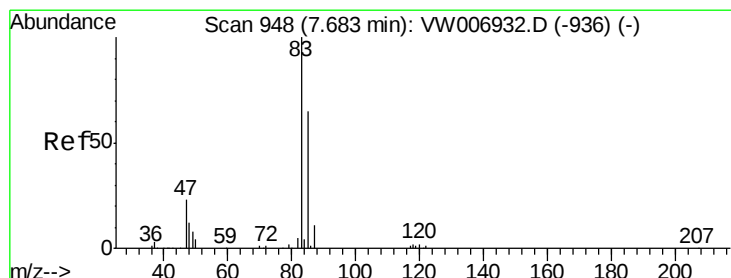
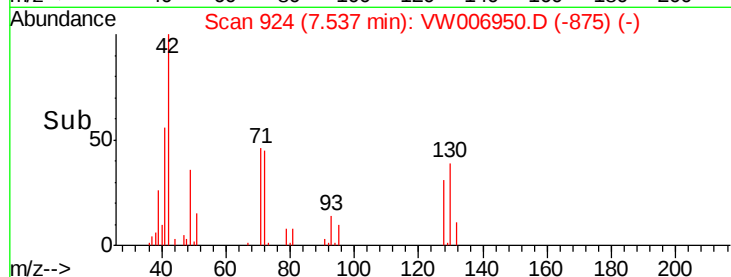
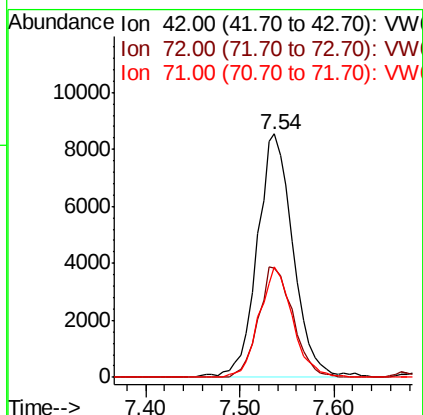
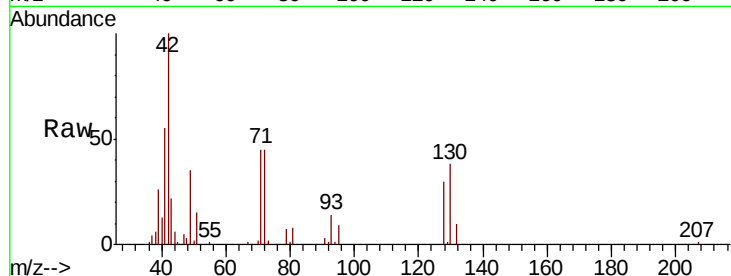




#29
Tetrahydrofuran
Concen: 96.925 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

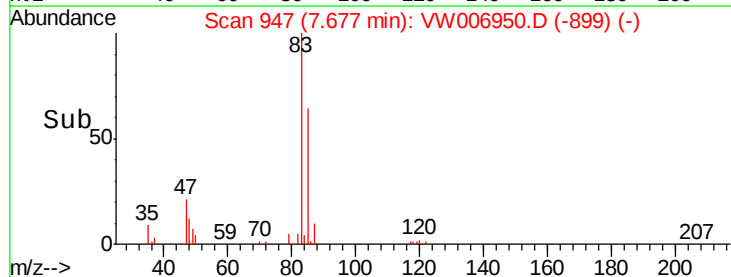
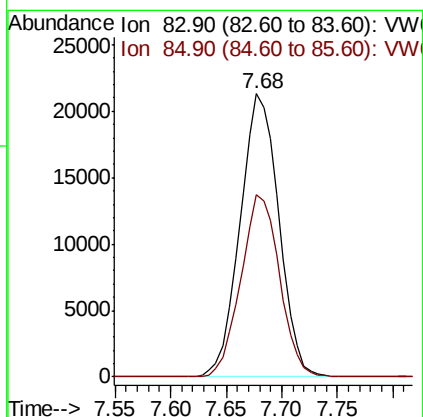
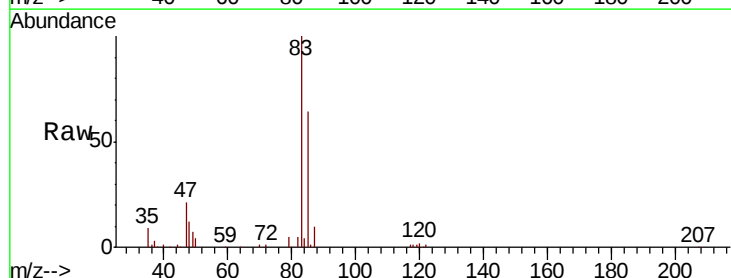
Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

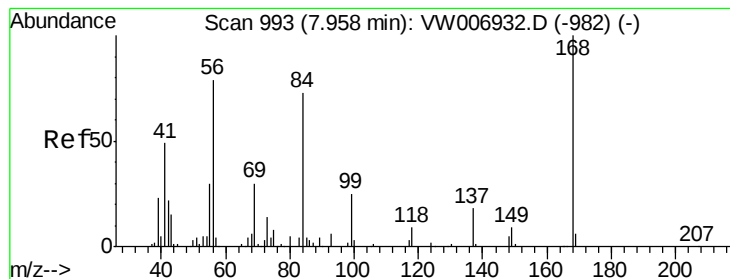
Tot Ion: 42 Resp: 22766
Ion Ratio Lower Upper
42 100
72 43.9 35.7 53.5
71 42.3 33.7 50.5



#30
Chloroform
Concen: 19.364 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Tgt Ion: 83 Resp: 51592
Ion Ratio Lower Upper
83 100
85 64.4 52.2 78.4





#31

Cyclohexane

Concen: 21.349 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBS01

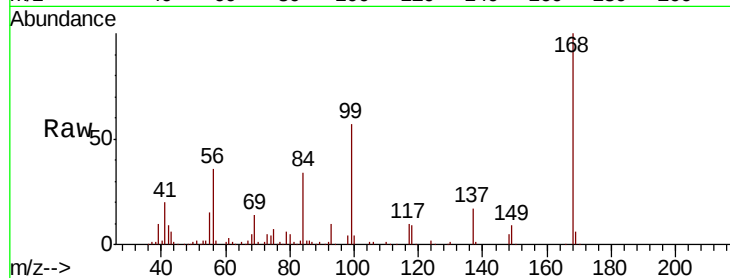
Tot Ion: 56 Resp: 51978

Ion Ratio Lower Upper

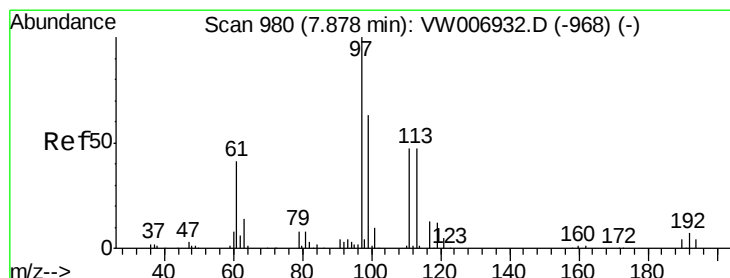
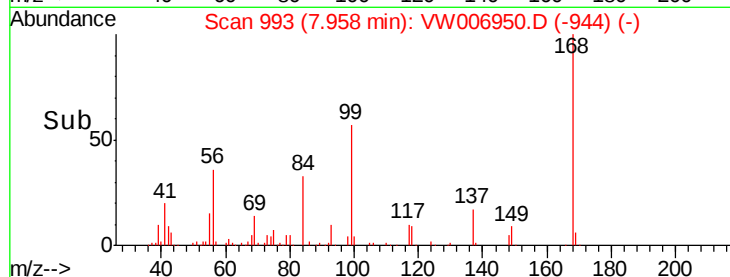
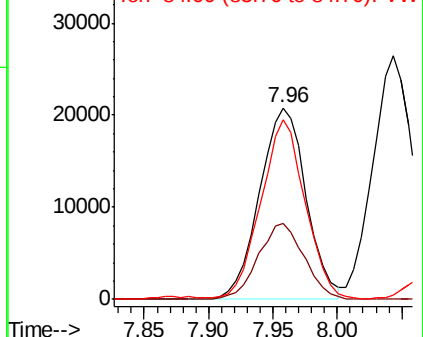
56 100

69 39.5 30.2 45.2

84 92.3 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: 20.898 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

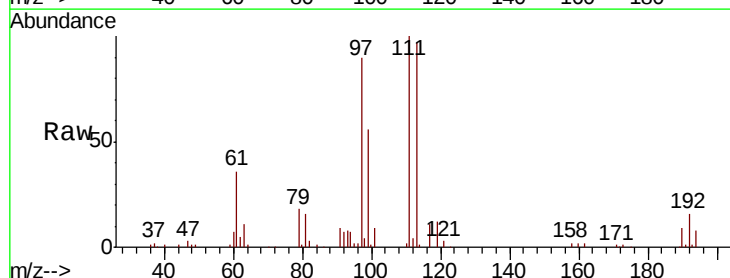
Tgt Ion: 97 Resp: 47934

Ion Ratio Lower Upper

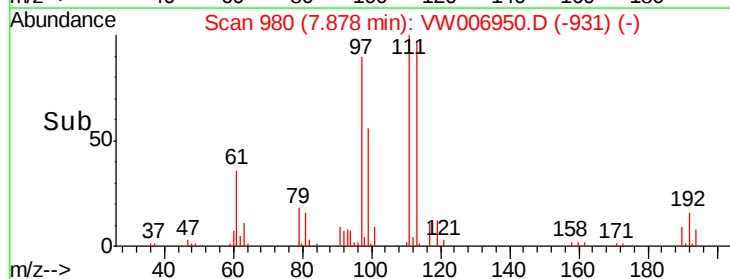
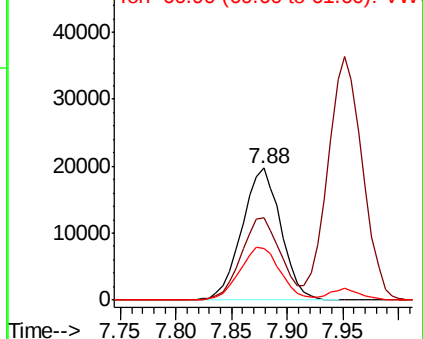
97 100

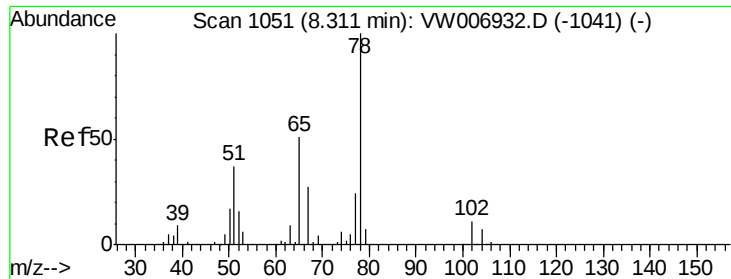
99 64.6 51.0 76.6

61 42.0 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

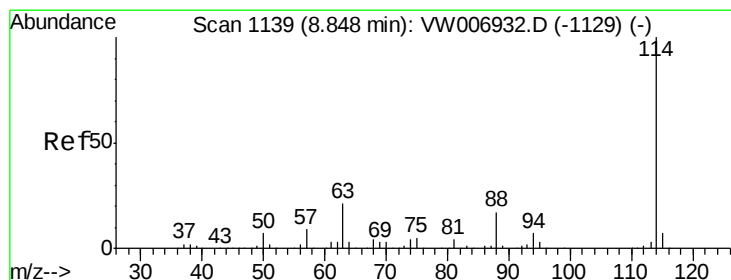
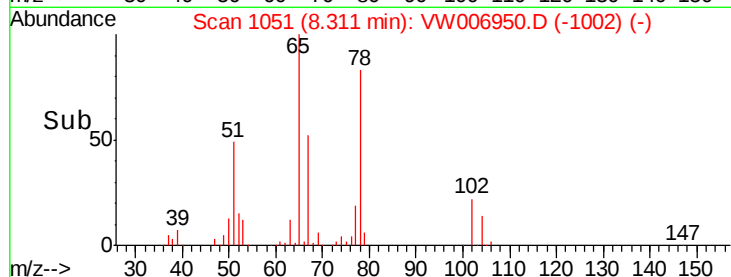
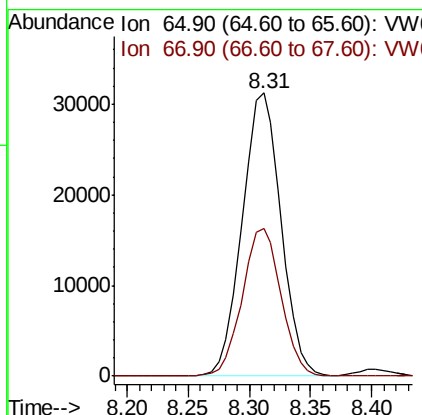
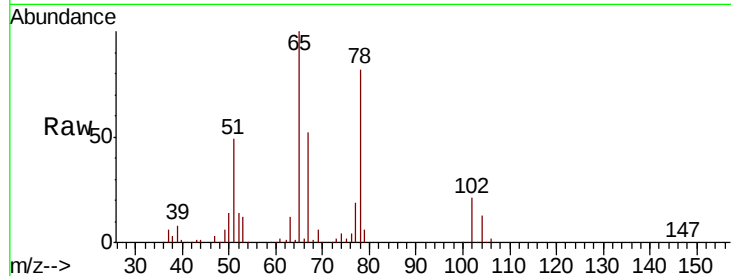




#33
 1,2-Dichloroethane-d4
 Concen: 48.526 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006950.D
 Acq: 19 Nov 2018 18:52

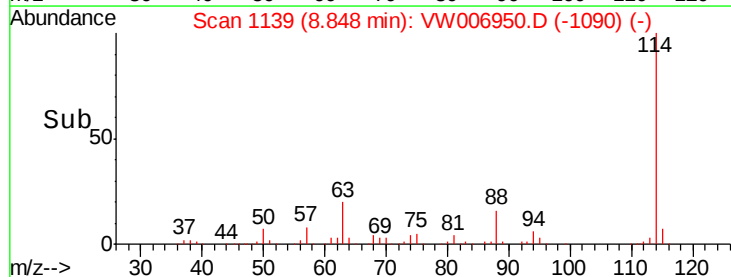
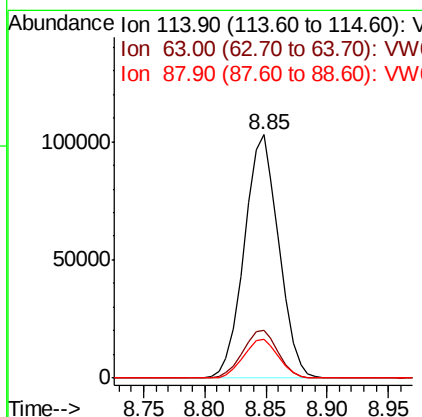
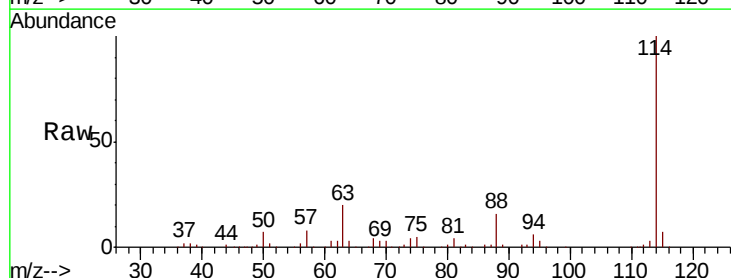
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBS01

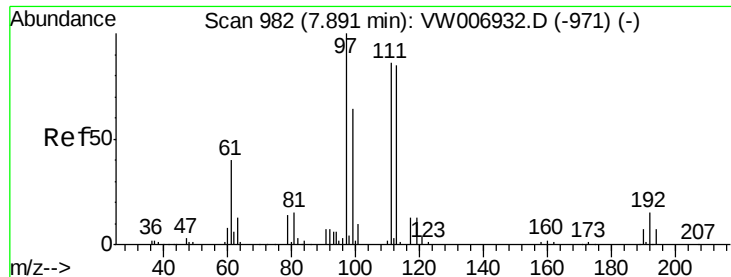
Tot Ion: 65 Resp: 68994
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006950.D
 Acq: 19 Nov 2018 18:52

Tgt Ion: 114 Resp: 201322
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 42.2
 88 16.1 0.0 33.4

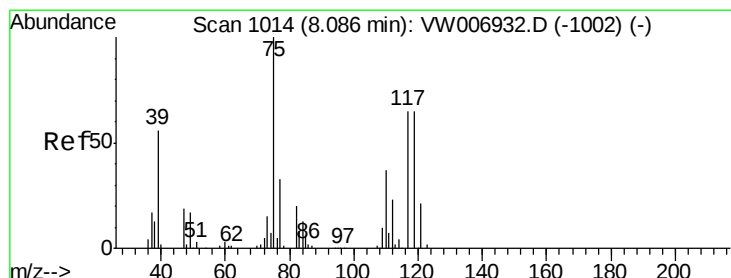
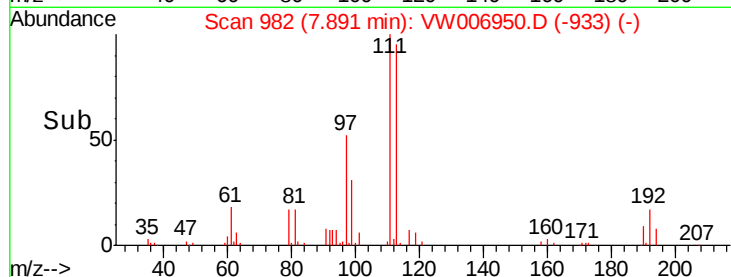
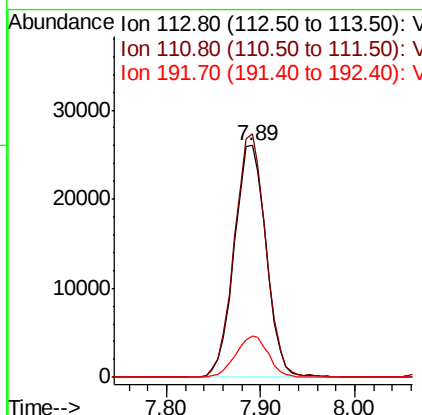
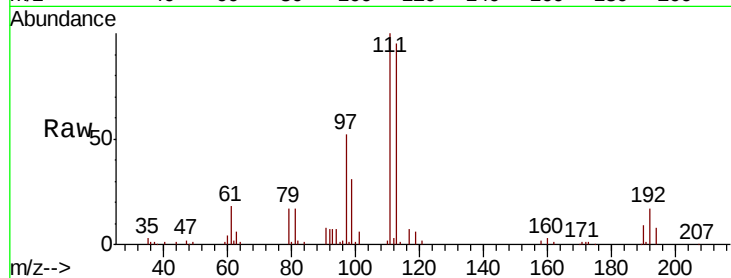




#35
 Dibromofluoromethane
 Concen: 52.226 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006950.D
 Acq: 19 Nov 2018 18:52

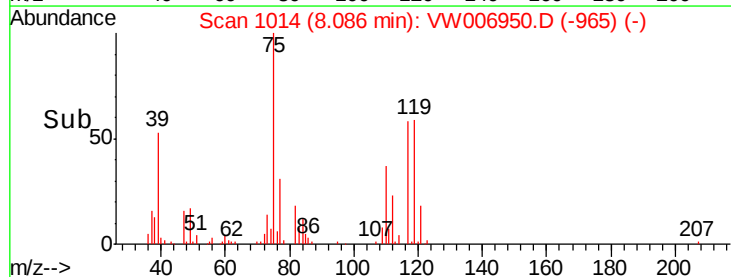
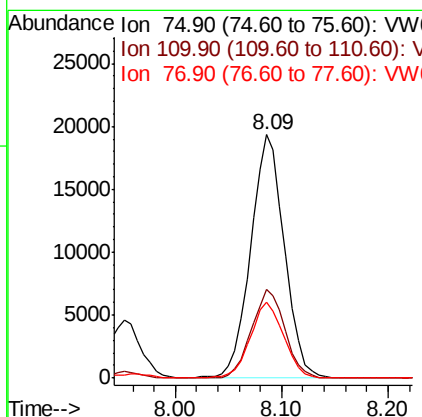
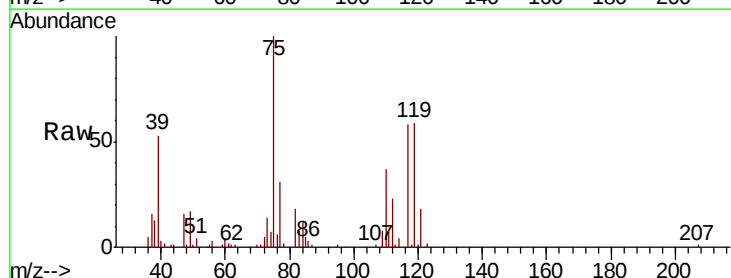
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBS01

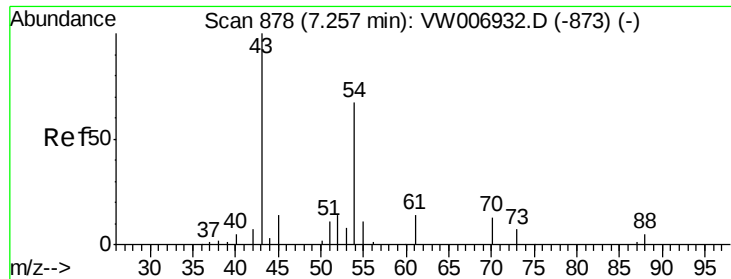
Tot Ion:113 Resp: 61564
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.7 122.5
 192 17.9 13.9 20.9



#36
 1,1-Dichloropropene
 Concen: 22.309 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006950.D
 Acq: 19 Nov 2018 18:52

Tgt Ion: 75 Resp: 42787
 Ion Ratio Lower Upper
 75 100
 110 36.1 18.1 54.1
 77 31.1 25.4 38.0

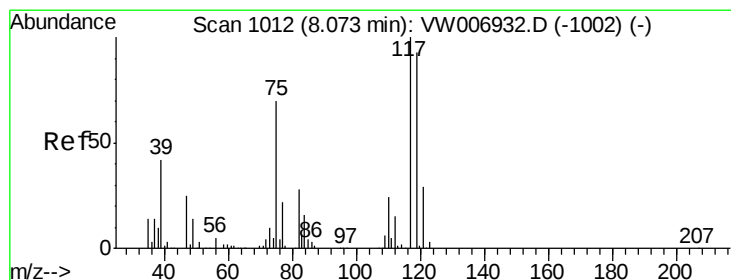
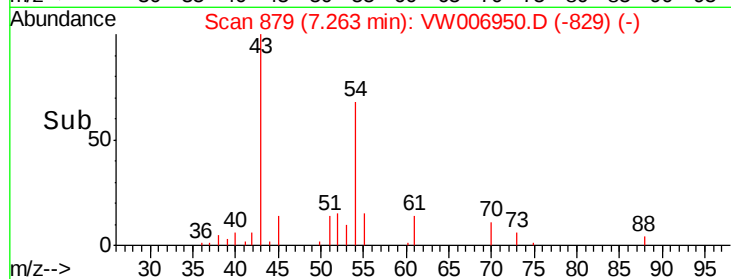
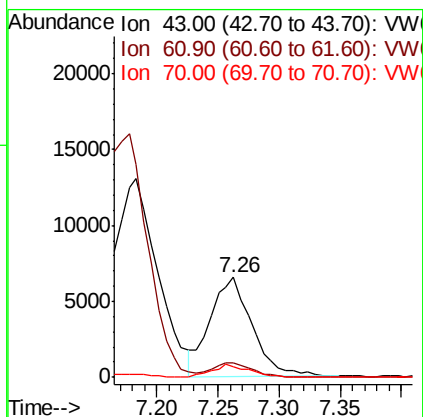
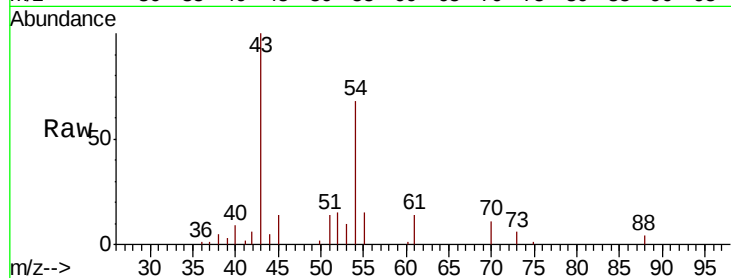




#37
Ethyl Acetate
Concen: 19.178 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

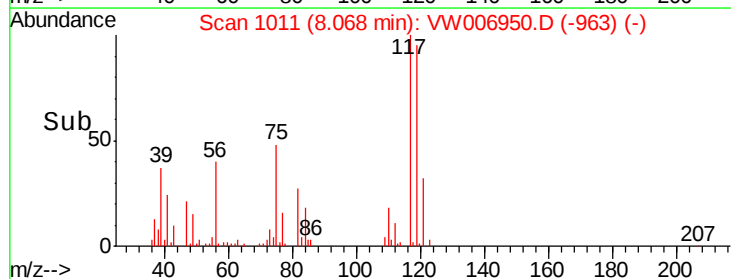
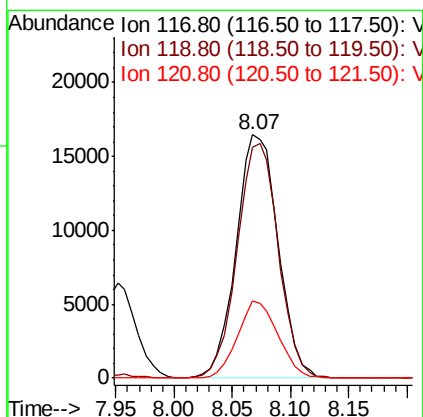
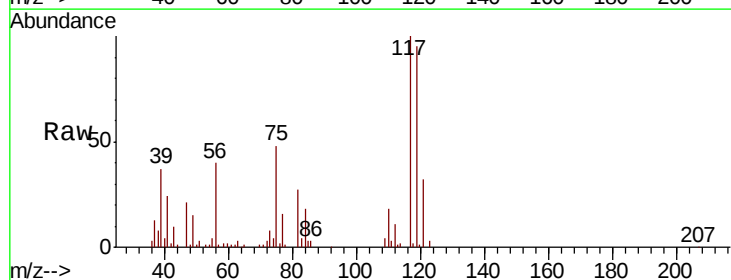
Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

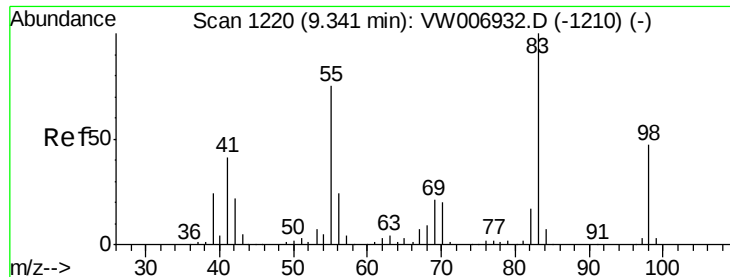
Tot Ion: 43 Resp: 15639
Ion Ratio Lower Upper
43 100
61 13.8 11.0 16.6
70 11.2 8.8 13.2



#38
Carbon Tetrachloride
Concen: 21.899 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Tgt Ion: 117 Resp: 41277
Ion Ratio Lower Upper
117 100
119 94.9 74.2 111.4
121 31.7 23.5 35.3

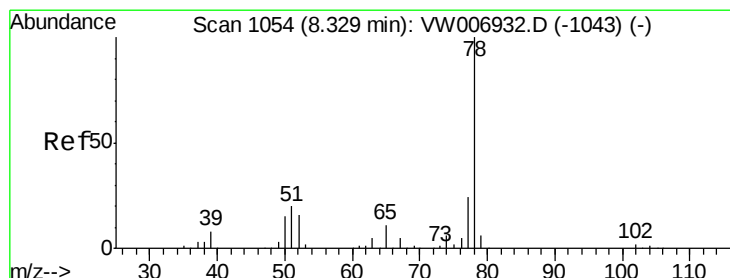
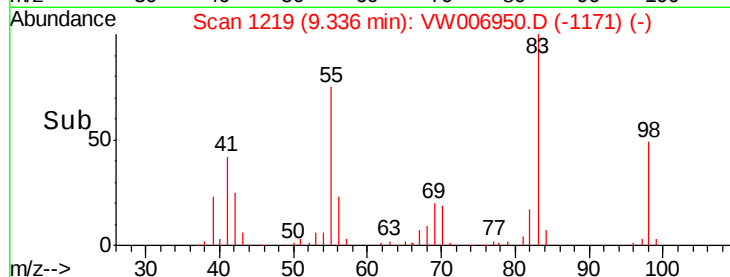
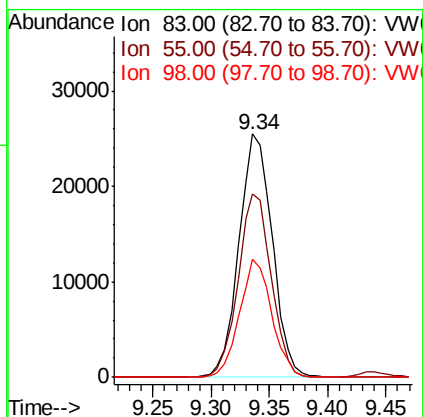
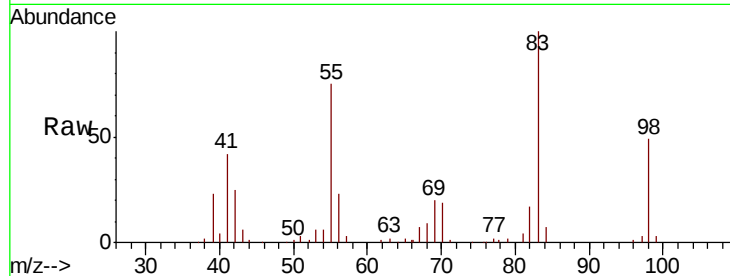




#39
Methvlcvclohexane
Concen: 21.416 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

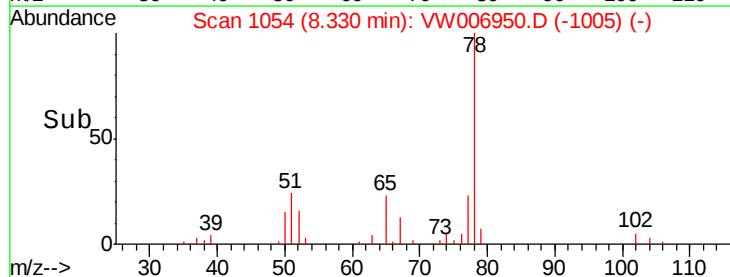
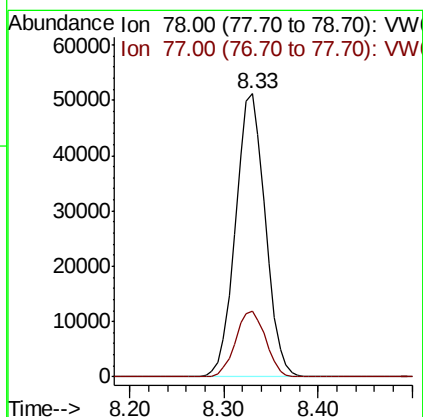
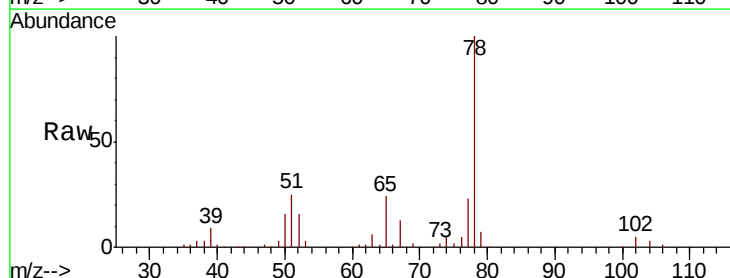
Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

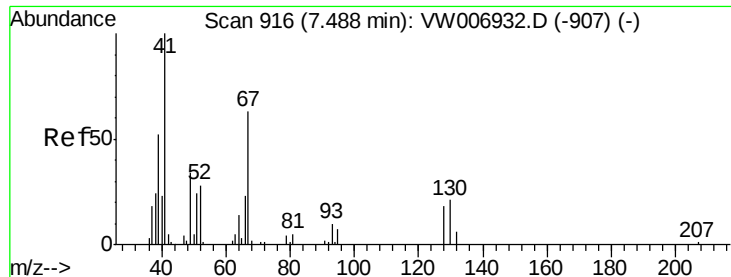
Tot Ion: 83 Resp: 50975
Ion Ratio Lower Upper
83 100
55 75.5 60.2 90.4
98 48.6 37.3 55.9



#40
Benzene
Concen: 20.784 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Tgt Ion: 78 Resp: 112658
Ion Ratio Lower Upper
78 100
77 23.4 19.3 28.9

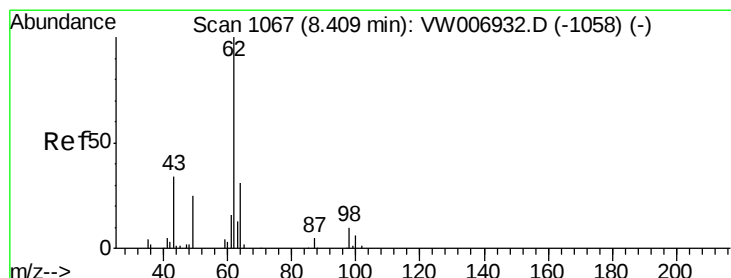
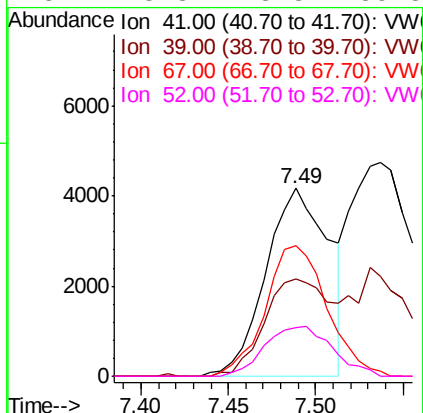
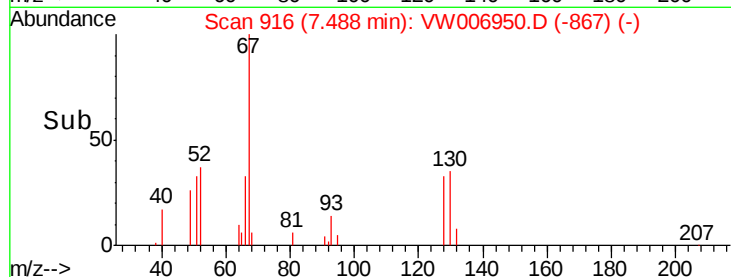
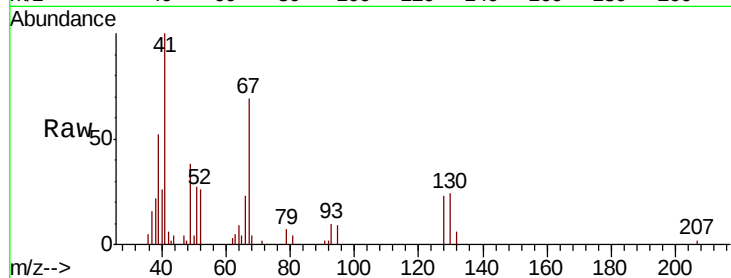




#41
Methacrylonitrile
Concen: 20.948 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

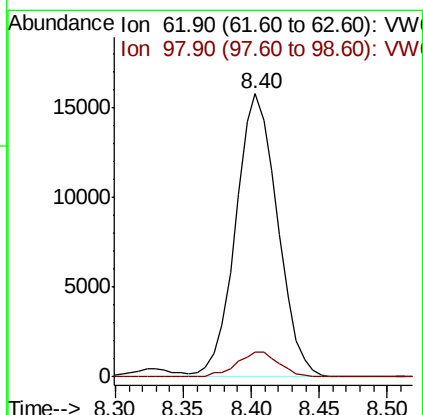
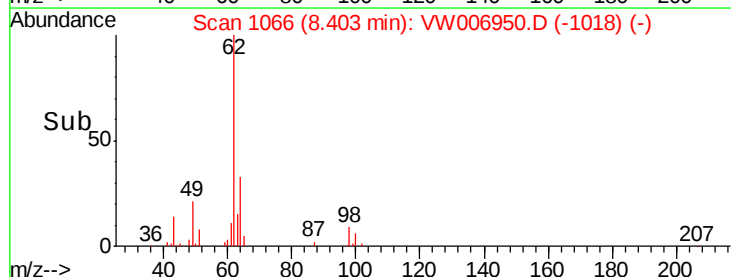
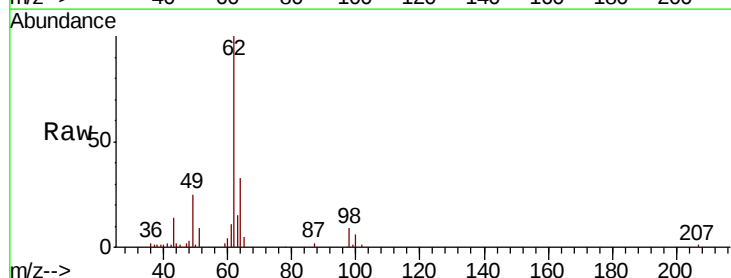
Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

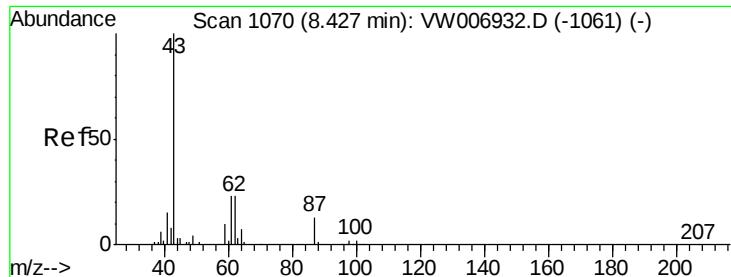
Tot Ion:	41	Resp:	10463
Ion	Ratio	Lower	Upper
41	100		
39	54.8	41.8	62.6
67	68.2	54.7	82.1
52	28.3	23.8	35.8



#42
1,2-Dichloroethane
Concen: 20.836 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Tgt Ion:	62	Resp:	33811
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.2





#43

Isopropyl Acetate

Concen: 18.364 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.01 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBS01

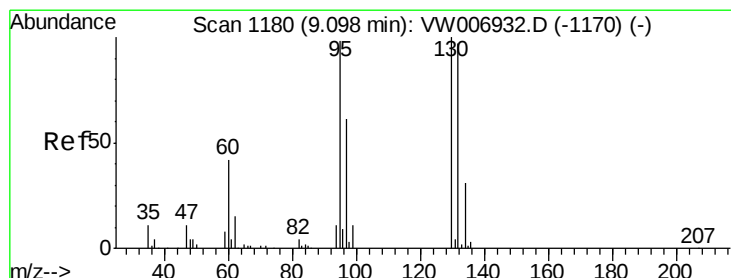
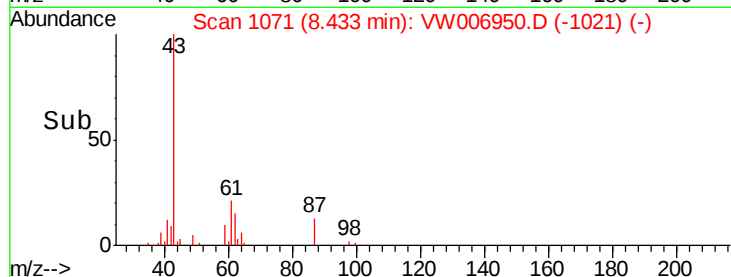
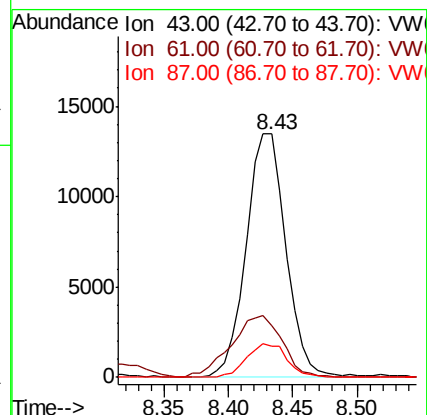
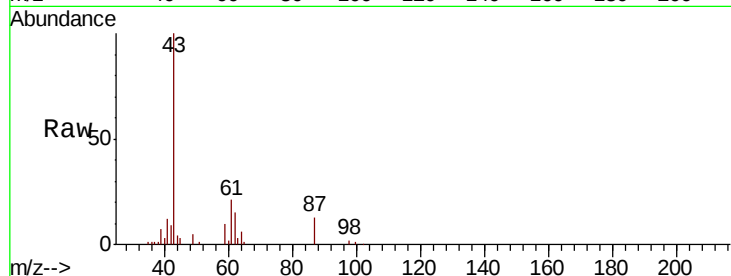
Tot Ion: 43 Resp: 28734

Ion Ratio Lower Upper

43 100

61 32.6 24.6 37.0

87 14.2 11.0 16.6



#44

Trichloroethene

Concen: 21.815 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VW006950.D

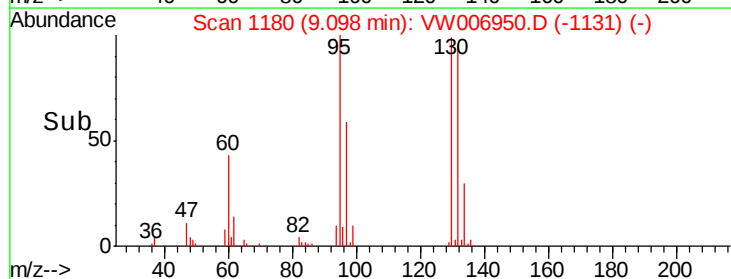
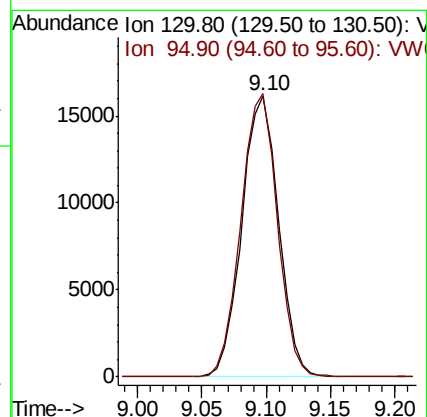
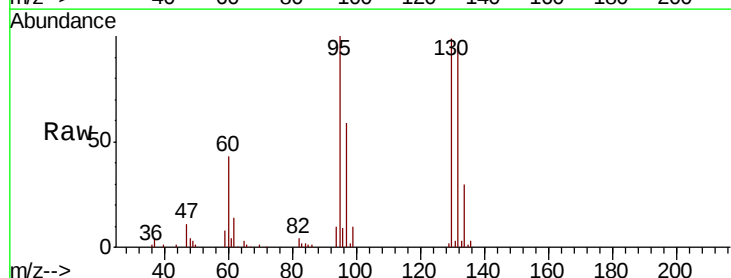
Acq: 19 Nov 2018 18:52

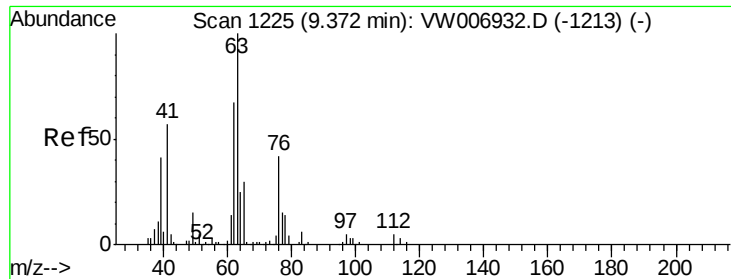
Tgt Ion: 130 Resp: 31794

Ion Ratio Lower Upper

130 100

95 100.7 0.0 196.4





#45

1,2-Dichloropropane

Concen: 20.881 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Instrument :

MSVOA_W

ClientSampleId :

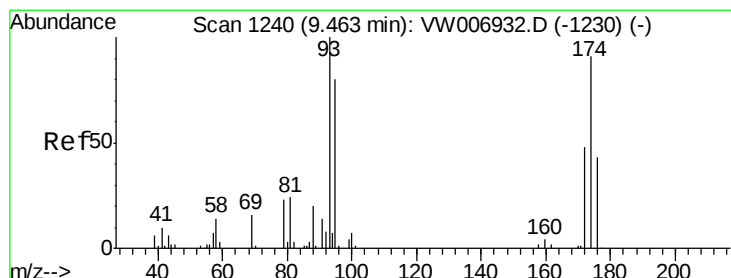
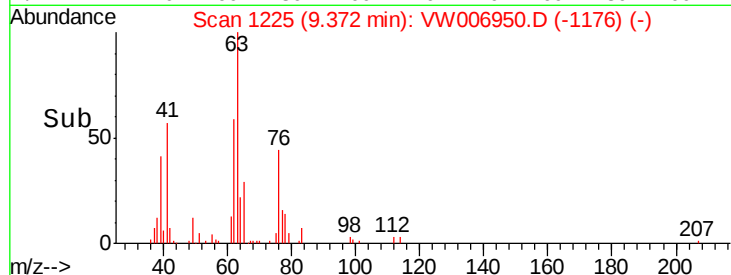
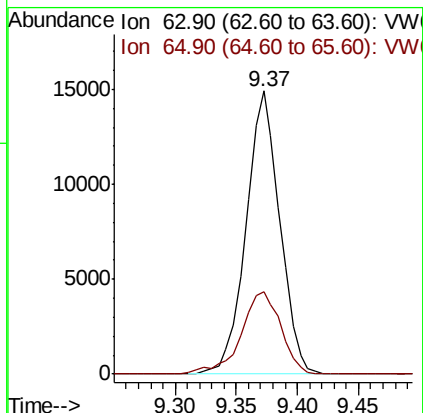
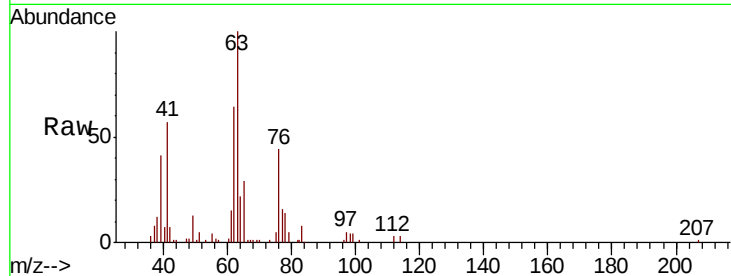
VW1120SBS01

Tot Ion: 63 Resp: 28590

Ion Ratio Lower Upper

63 100

65 29.3 23.9 35.9



#46

Dibromomethane

Concen: 21.235 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

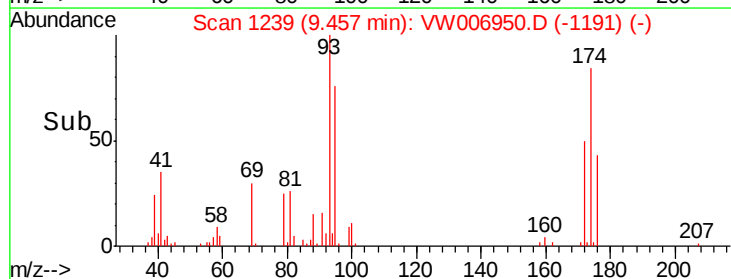
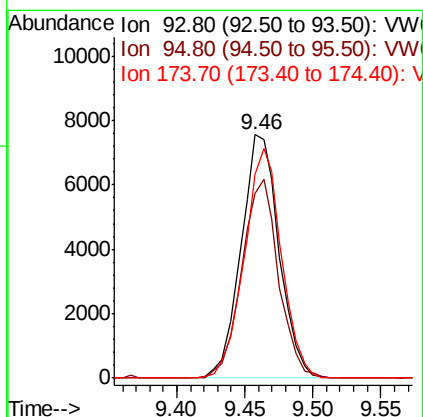
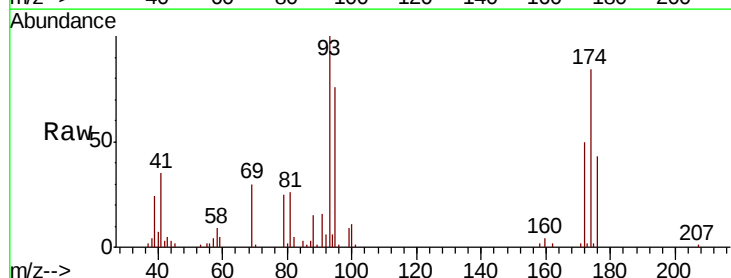
Tgt Ion: 93 Resp: 14724

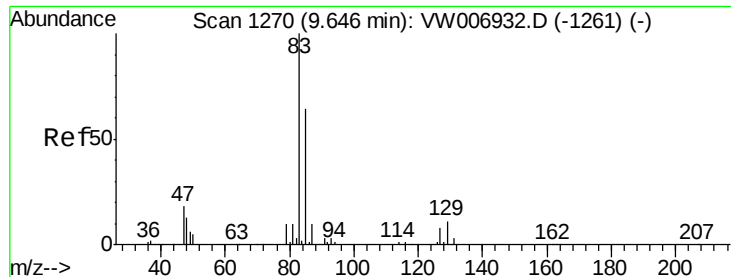
Ion Ratio Lower Upper

93 100

95 79.0 65.7 98.5

174 92.5 75.0 112.4





#47

Bromodichloromethane

Concen: 20.910 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBS01

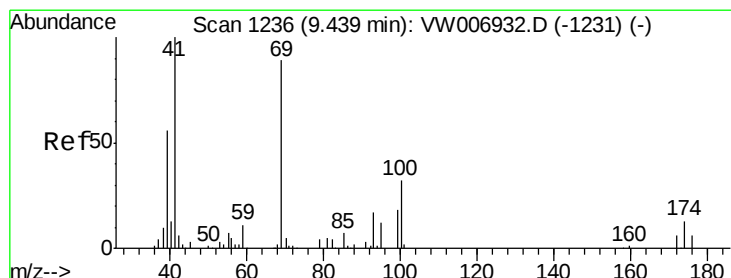
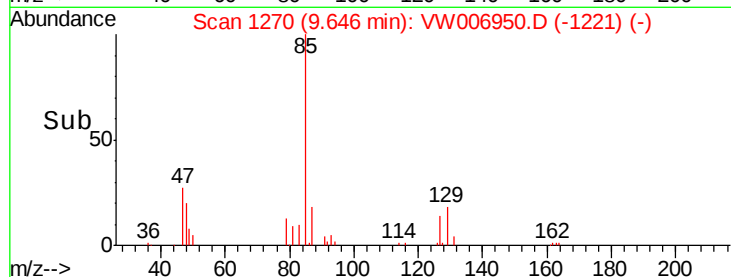
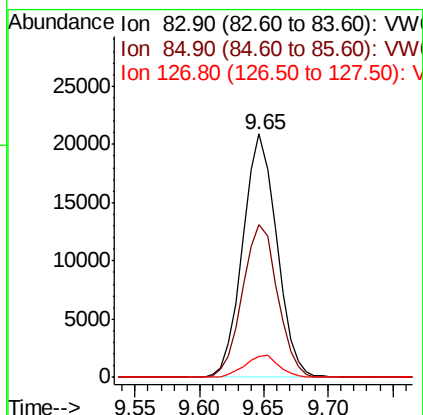
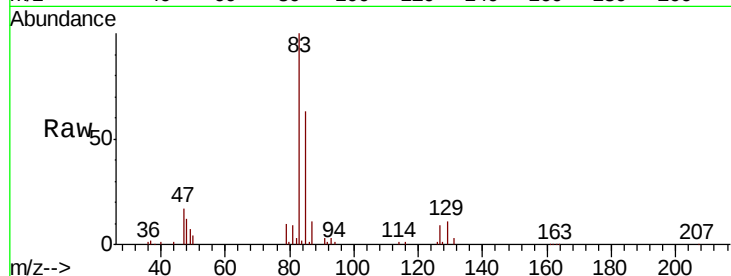
Tot Ion: 83 Resp: 38178

Ion Ratio Lower Upper

83 100

85 62.6 50.8 76.2

127 8.5 6.6 10.0



#48

Methyl methacrylate

Concen: 17.692 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

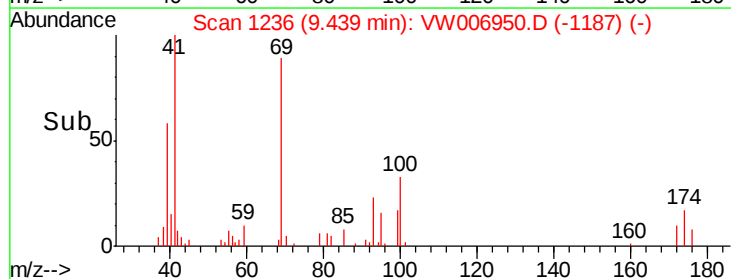
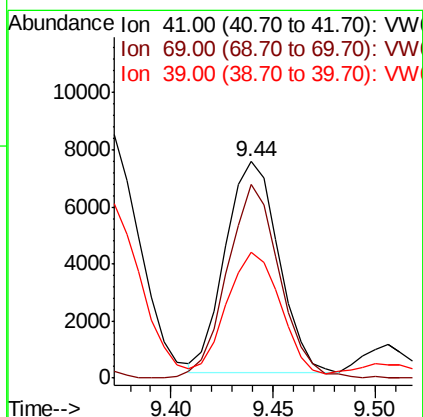
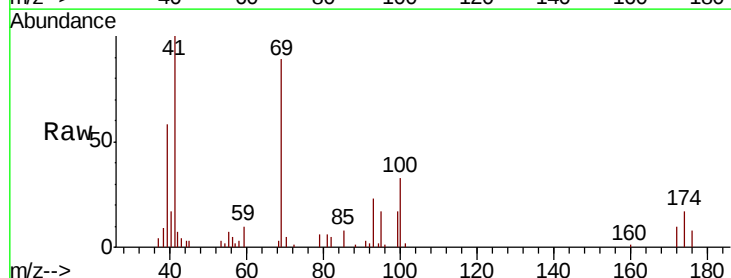
Tgt Ion: 41 Resp: 13358

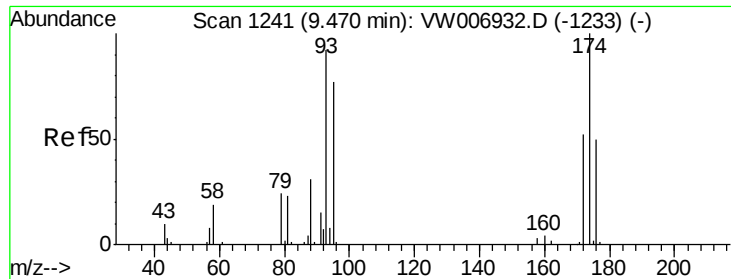
Ion Ratio Lower Upper

41 100

69 90.5 73.4 110.0

39 57.2 46.1 69.1





#49

1,4-Dioxane

Concen: 370.214 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBS01

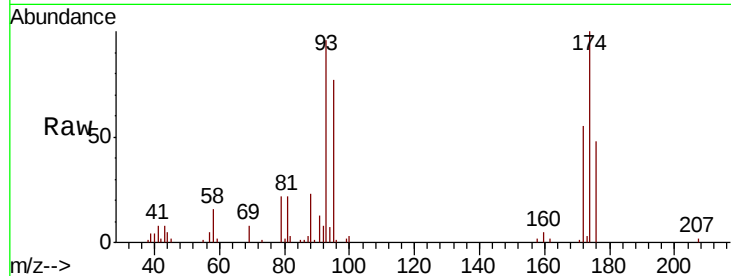
Tot Ion: 88 Resp: 3890

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

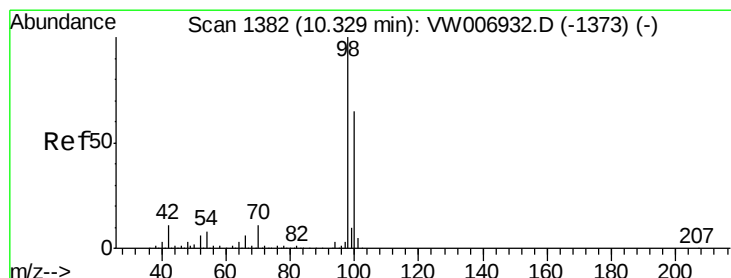
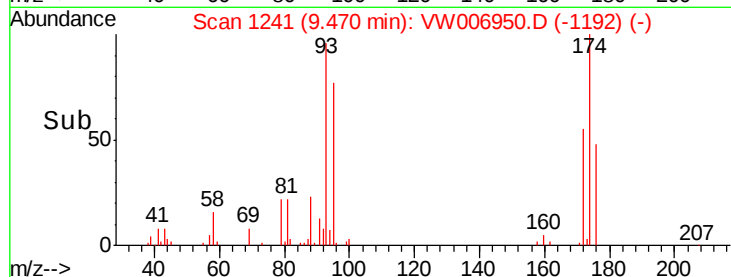
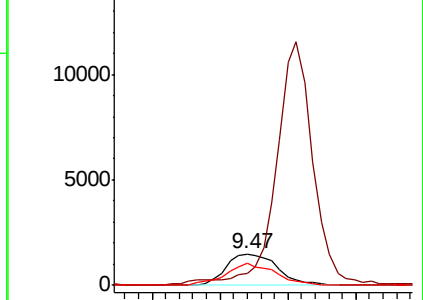
58 67.7 57.4 86.2



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: 52.690 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006950.D

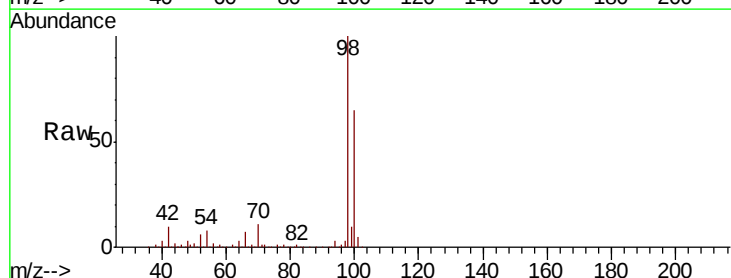
Acq: 19 Nov 2018 18:52

Tgt Ion: 98 Resp: 266917

Ion Ratio Lower Upper

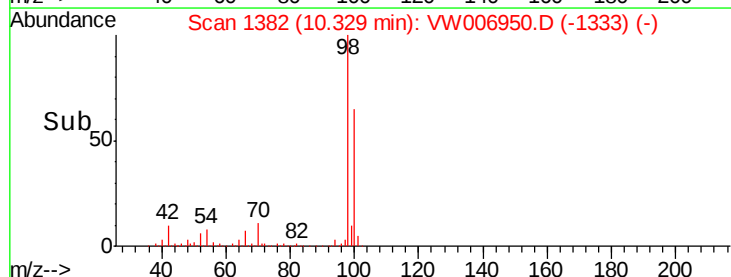
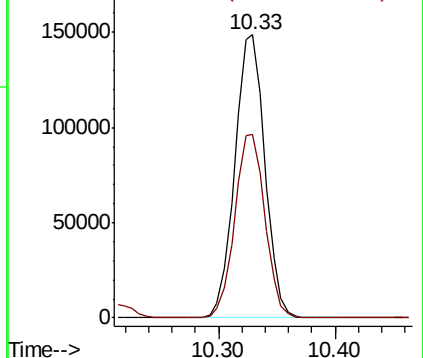
98 100

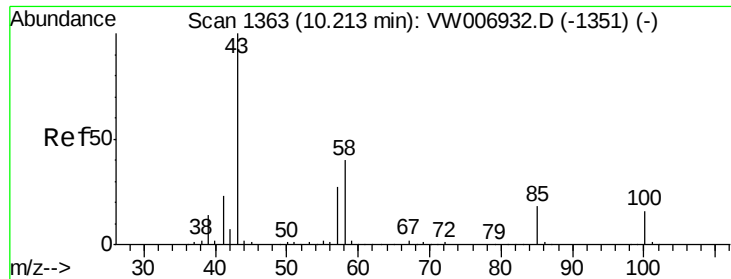
100 65.2 52.3 78.5



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: 96.943 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Instrument :

MSVOA_W

ClientSampleId :

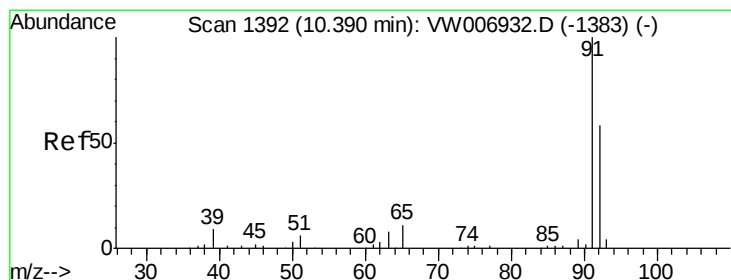
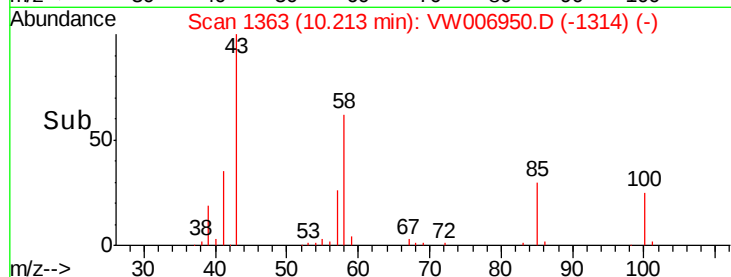
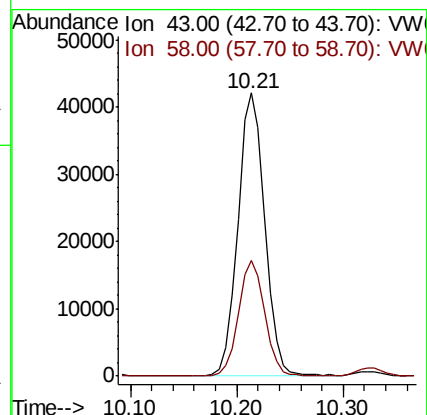
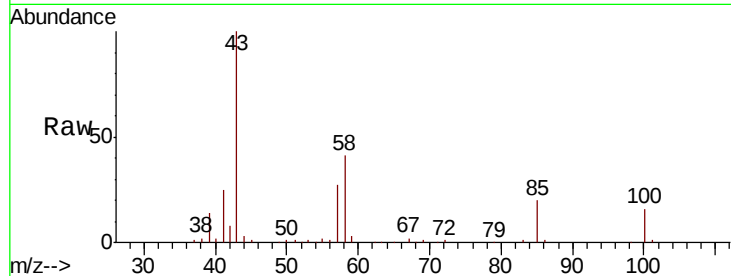
VW1120SBS01

Tot Ion: 43 Resp: 74760

Ion Ratio Lower Upper

43 100

58 39.7 31.0 46.4



#52

Toluene

Concen: 20.777 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006950.D

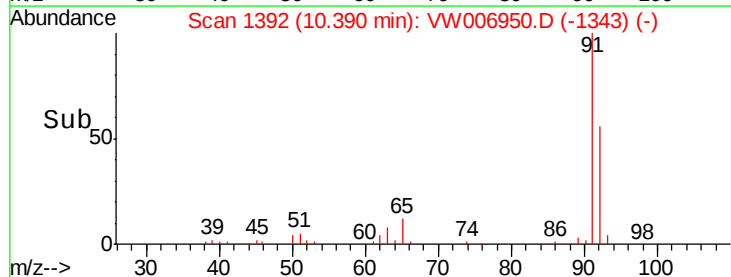
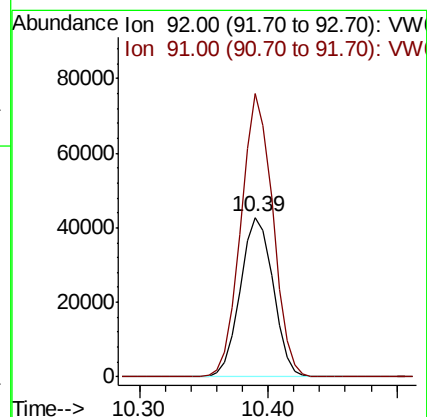
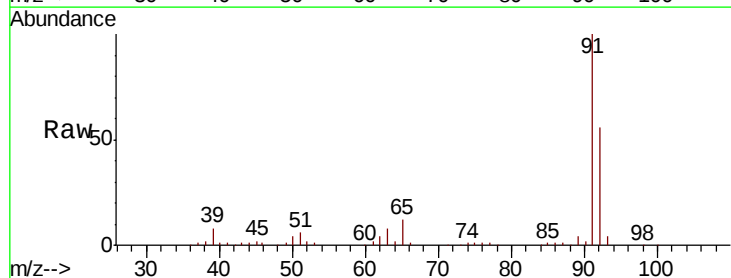
Acq: 19 Nov 2018 18:52

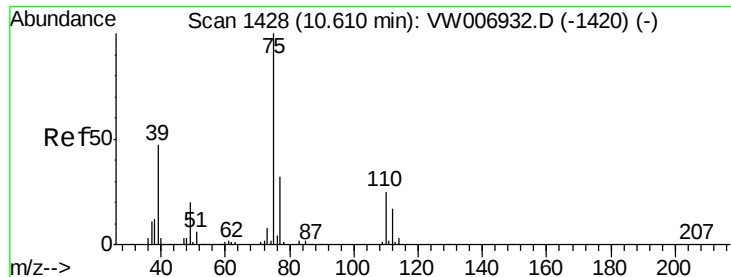
Tgt Ion: 92 Resp: 75344

Ion Ratio Lower Upper

92 100

91 173.1 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 20.120 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Instrument :

MSVOA_W

ClientSampleId :

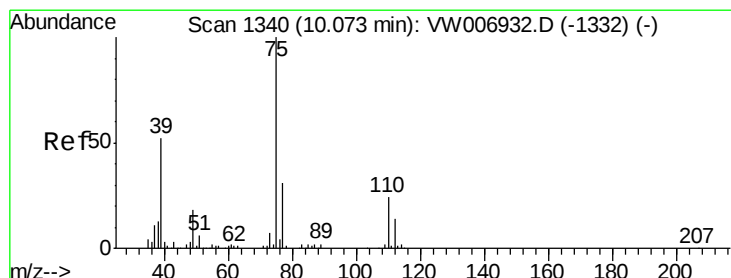
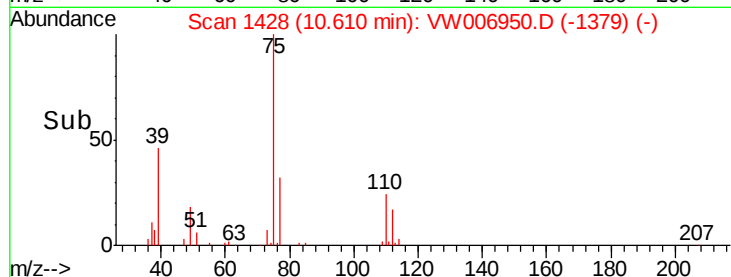
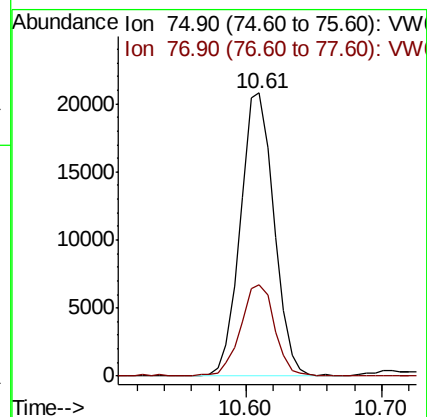
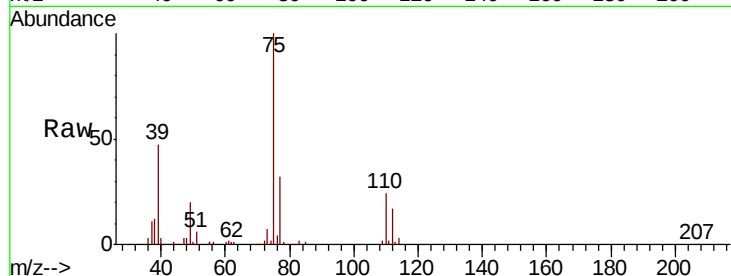
VW1120SBS01

Tot Ion: 75 Resp: 35902

Ion Ratio Lower Upper

75 100

77 32.3 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 20.219 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.01 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

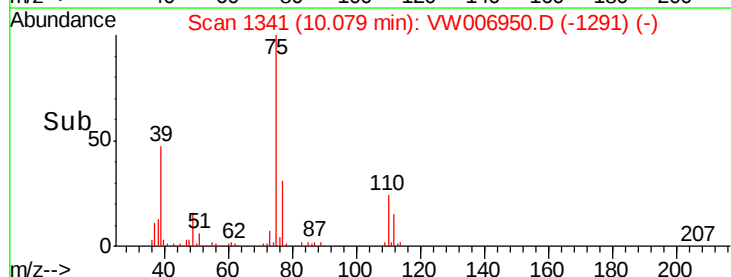
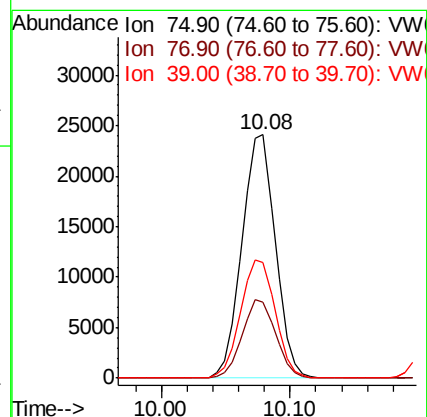
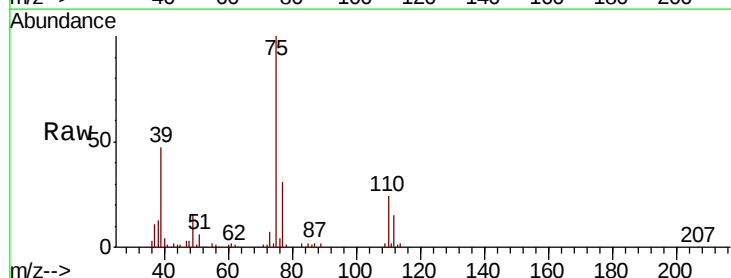
Tgt Ion: 75 Resp: 43174

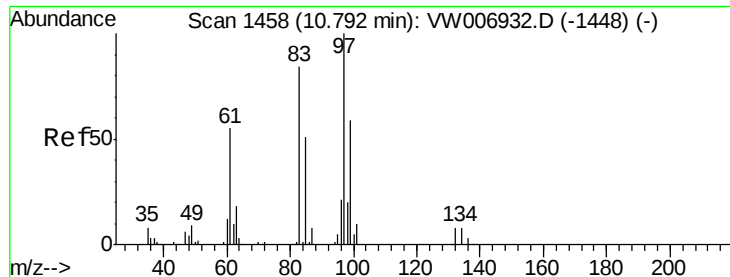
Ion Ratio Lower Upper

75 100

77 31.2 24.6 37.0

39 47.4 41.4 62.2

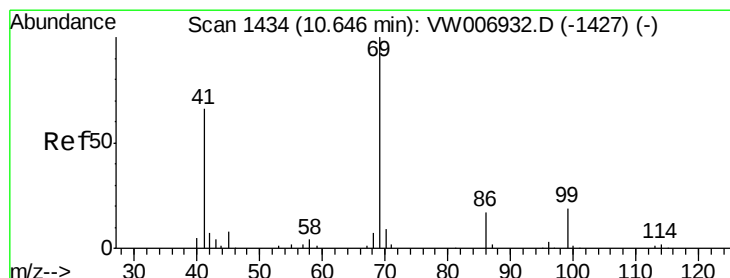
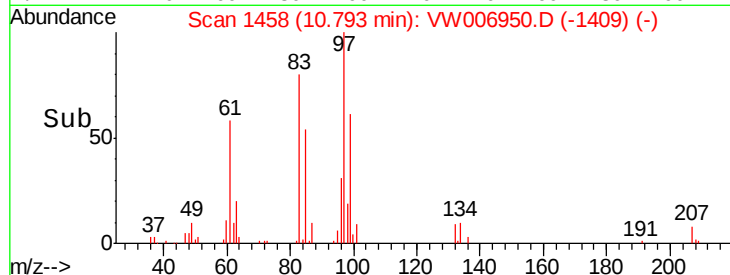
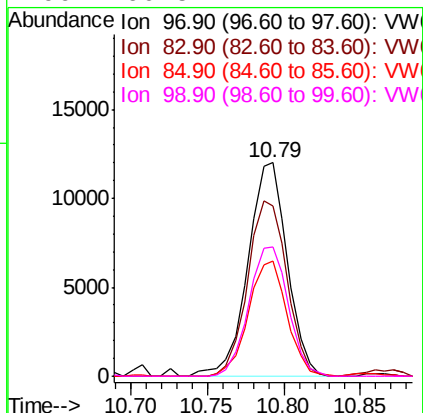
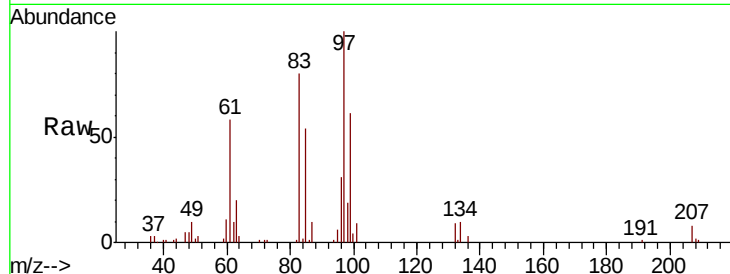




#55
 1,1,2-Trichloroethane
 Concen: 21.078 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006950.D
 Acq: 19 Nov 2018 18:52

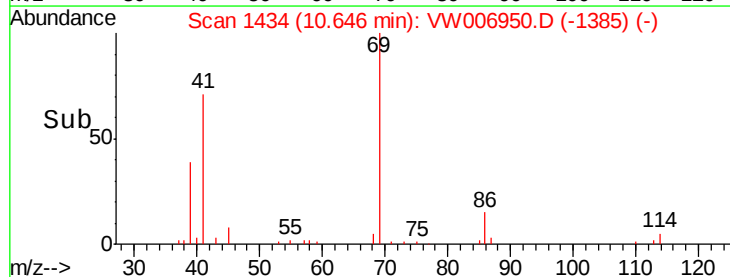
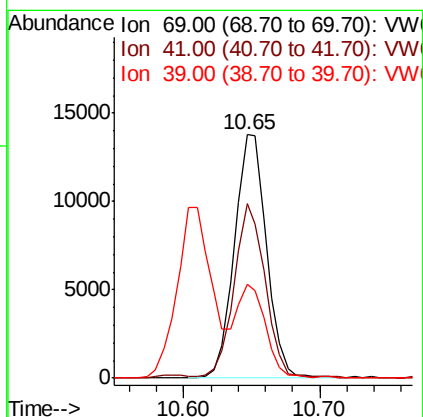
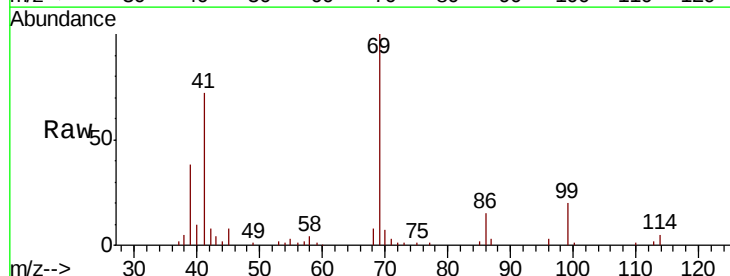
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBS01

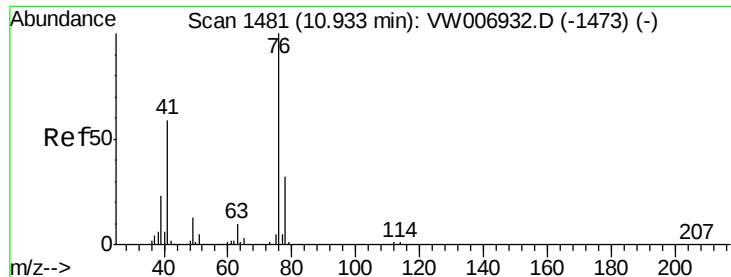
Tot Ion:	97	Resp:	21550
Ion	Ratio	Lower	Upper
97	100		
83	79.9	67.5	101.3
85	53.9	41.0	61.6
99	60.5	47.4	71.2



#56
 Ethyl methacrylate
 Concen: 17.790 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW006950.D
 Acq: 19 Nov 2018 18:52

Tgt Ion:	69	Resp:	22613
Ion	Ratio	Lower	Upper
69	100		
41	69.9	53.8	80.6
39	32.5	29.0	43.6

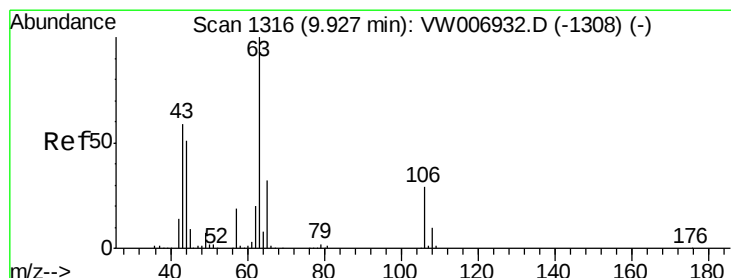
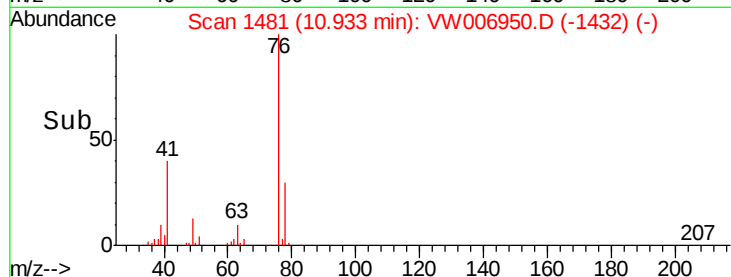
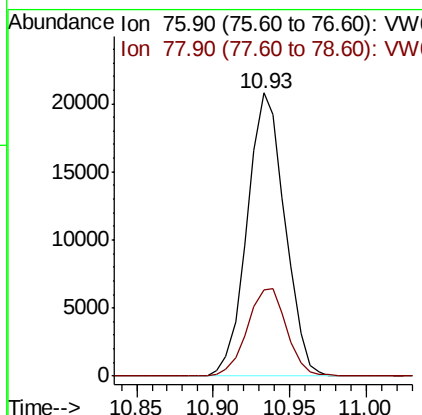
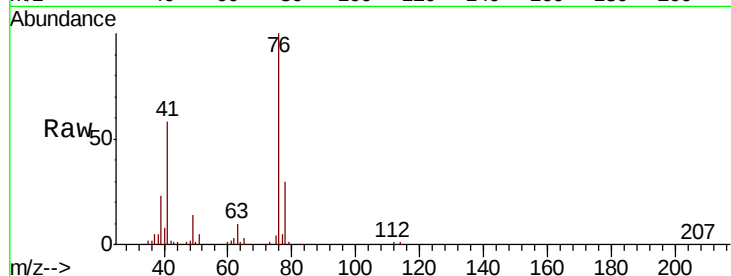




#57
 1,3-Dichloropropane
 Concen: 20.457 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006950.D
 Acq: 19 Nov 2018 18:52

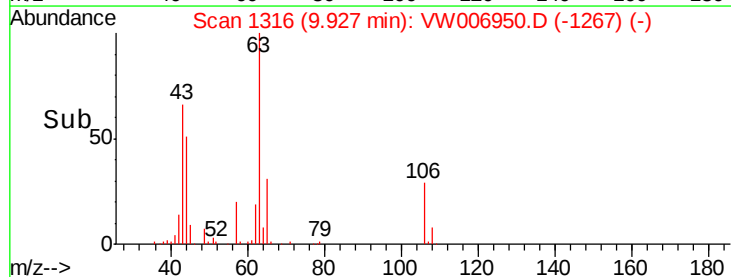
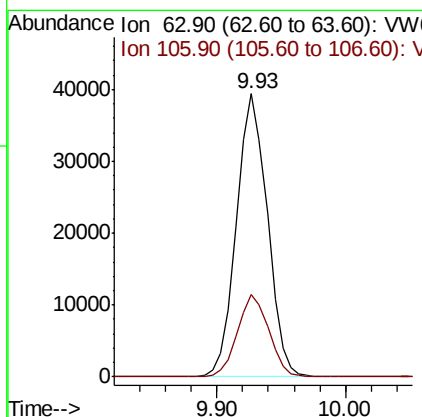
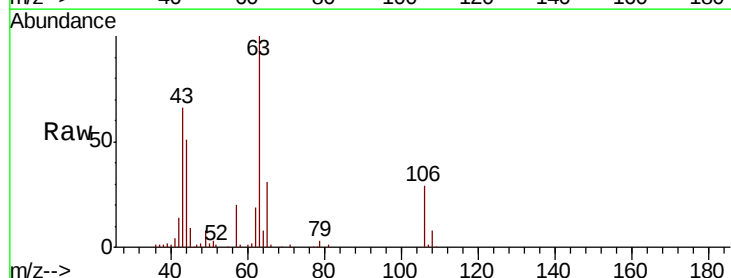
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBS01

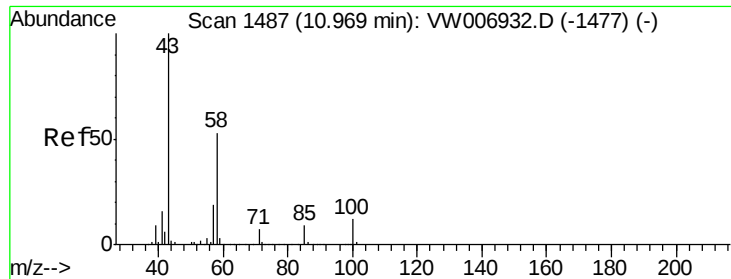
Tot Ion: 76 Resp: 35585
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.176 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006950.D
 Acq: 19 Nov 2018 18:52

Tgt Ion: 63 Resp: 65726
 Ion Ratio Lower Upper
 63 100
 106 29.1 22.6 33.8





#59

2-Hexanone

Concen: 99.891 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Instrument :

MSVOA_W

ClientSampleId :

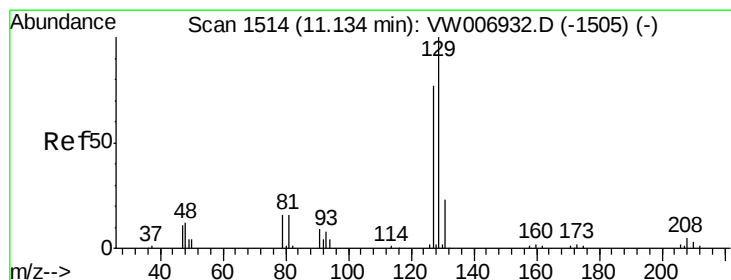
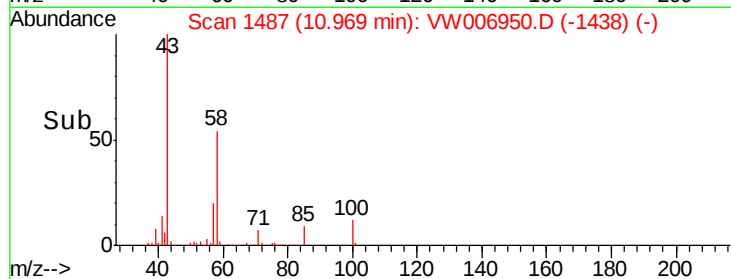
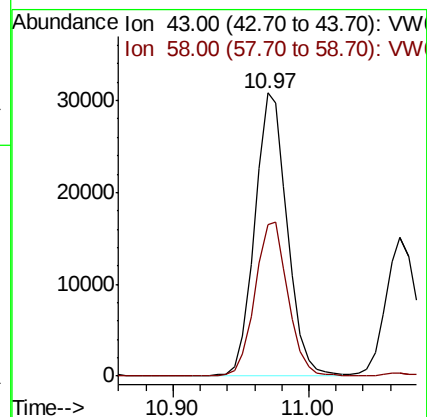
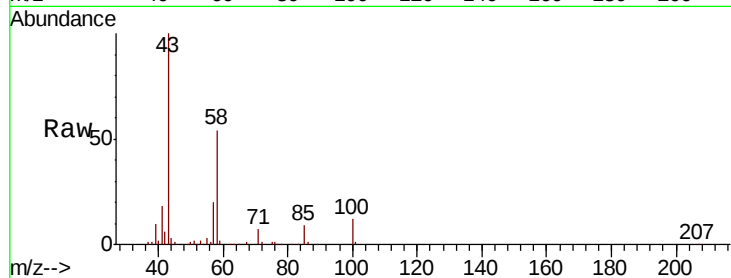
VW1120SBS01

Tot Ion: 43 Resp: 51556

Ion Ratio Lower Upper

43 100

58 55.2 26.8 80.4



#60

Dibromochloromethane

Concen: 20.494 ug/l

RT: 11.13 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VW006950.D

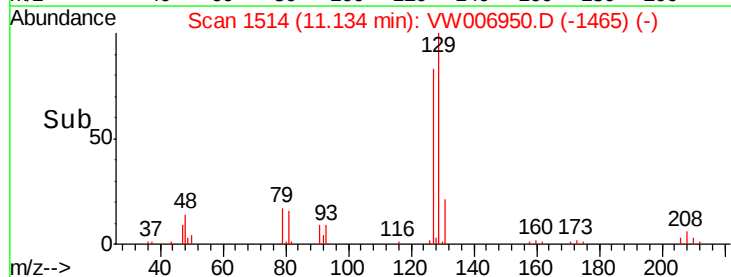
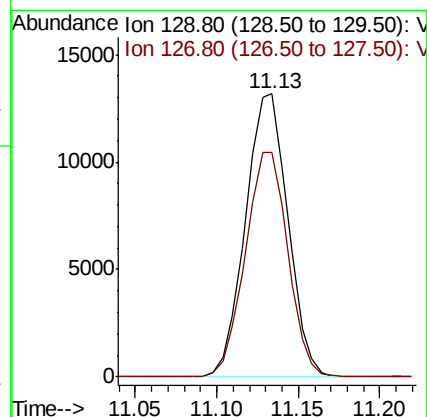
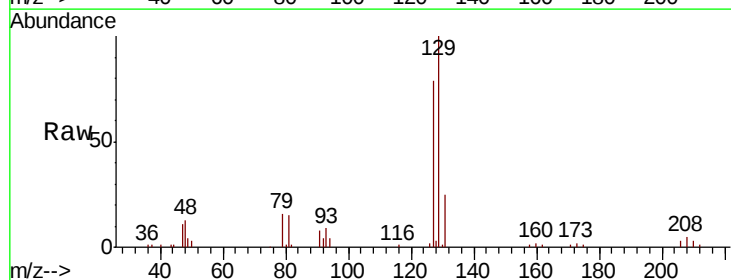
Acq: 19 Nov 2018 18:52

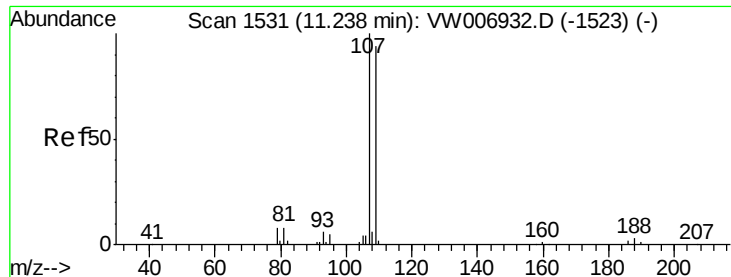
Tgt Ion: 129 Resp: 23894

Ion Ratio Lower Upper

129 100

127 79.6 38.1 114.3

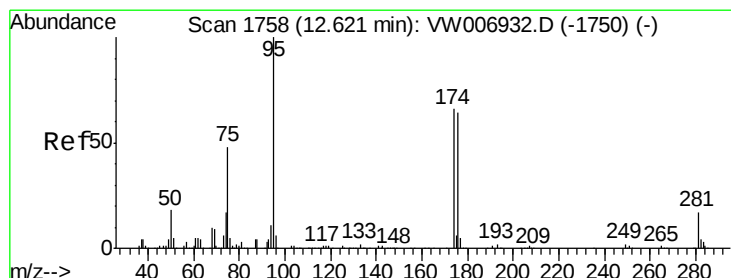
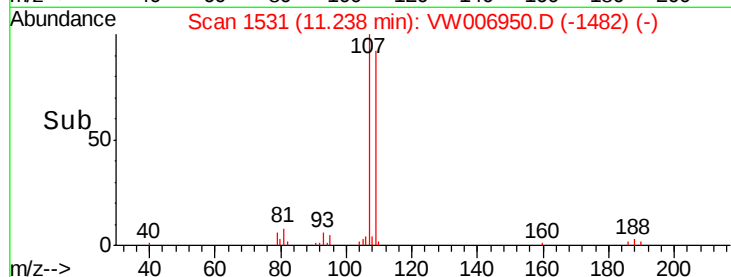
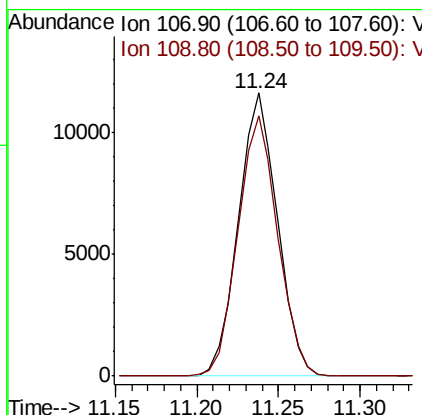
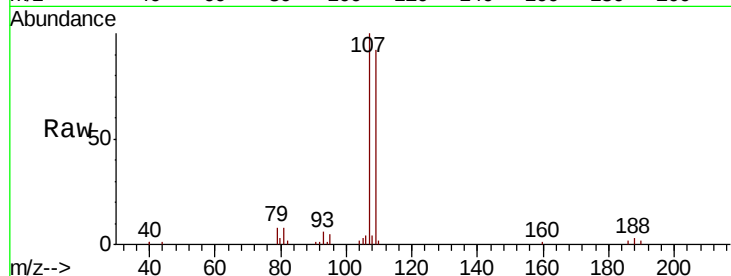




#61
 1,2-Dibromoethane
 Concen: 20.342 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006950.D
 Acq: 19 Nov 2018 18:52

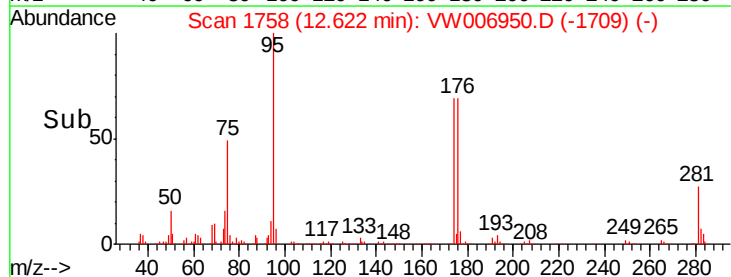
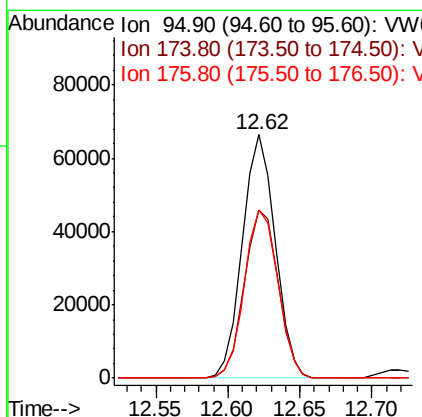
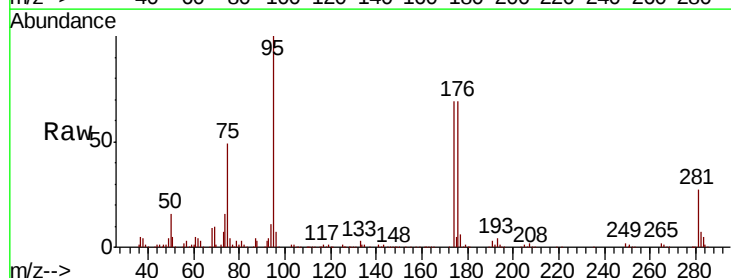
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBS01

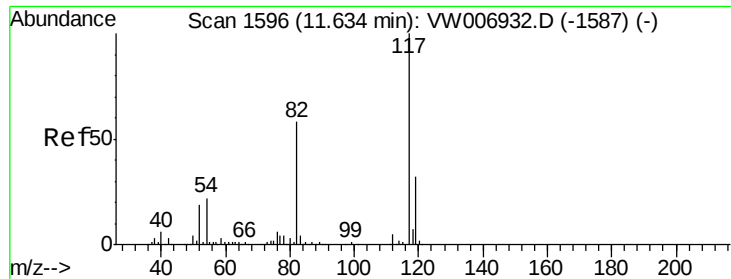
Tot Ion:107 Resp: 19329
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 53.020 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006950.D
 Acq: 19 Nov 2018 18:52

Tgt Ion: 95 Resp: 104730
 Ion Ratio Lower Upper
 95 100
 174 70.9 0.0 138.4
 176 70.7 0.0 133.4

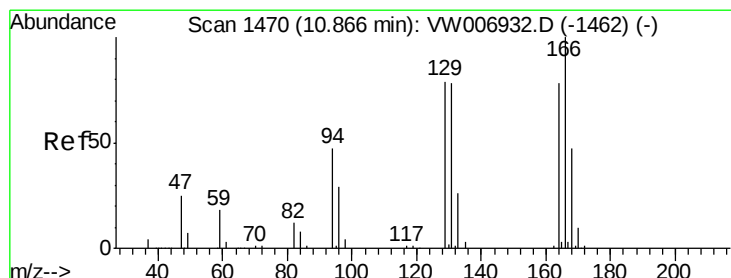
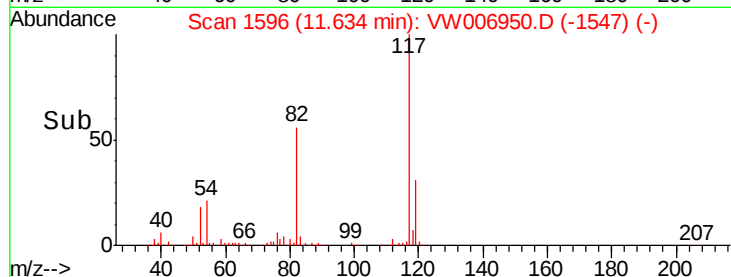
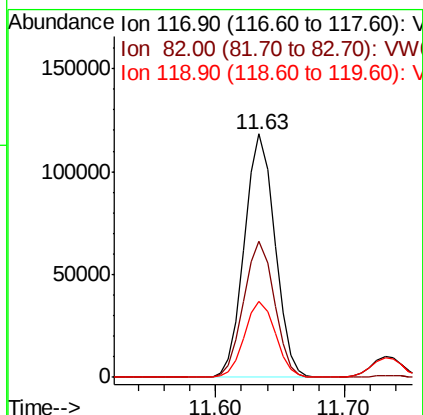
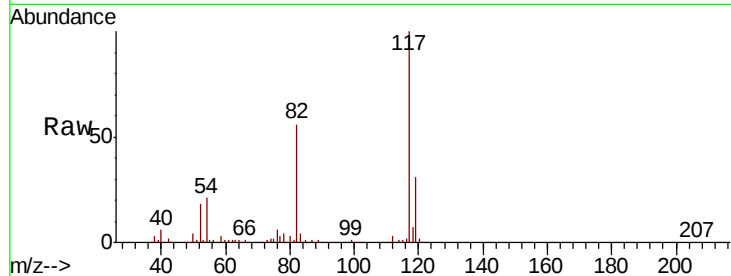




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

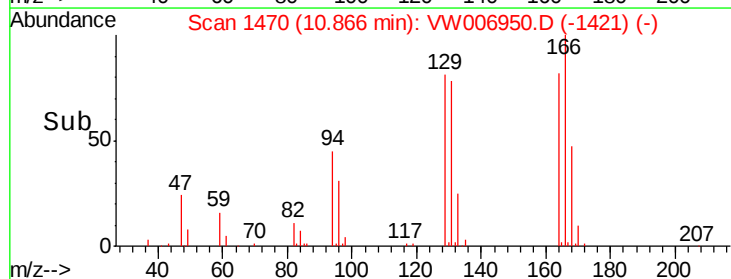
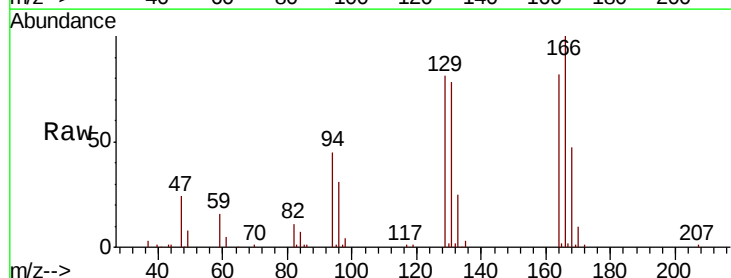
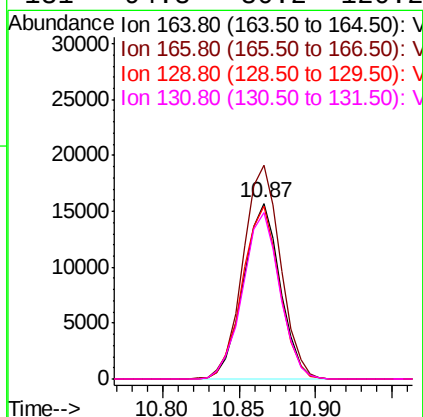
Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

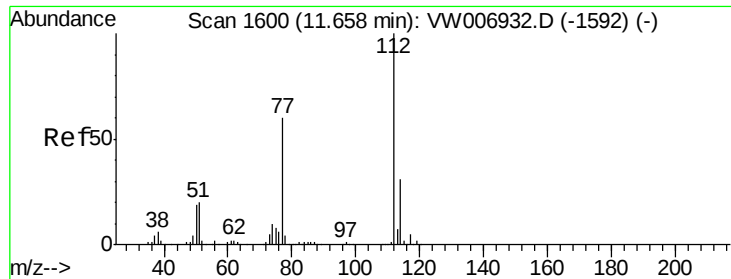
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	46.2	69.2
119	31.0	25.5	38.3



#64
Tetrachloroethene
Concen: 21.052 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.5	102.6	154.0
129	98.4	81.0	121.4
131	94.8	80.2	120.2

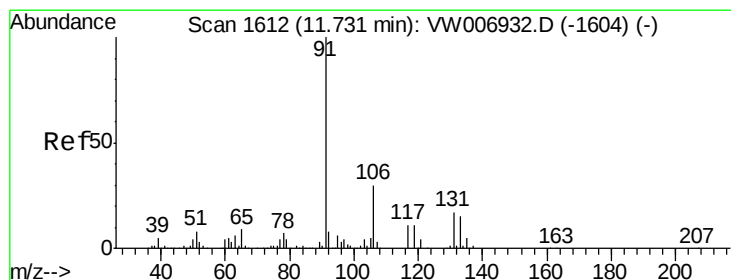
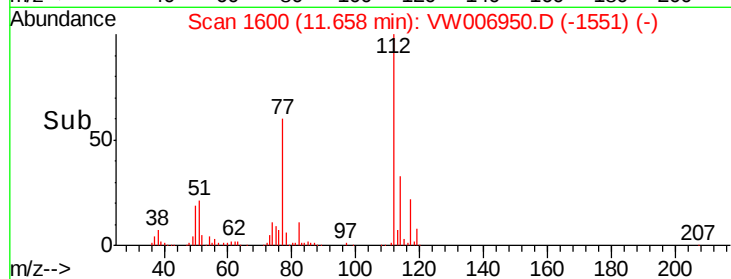
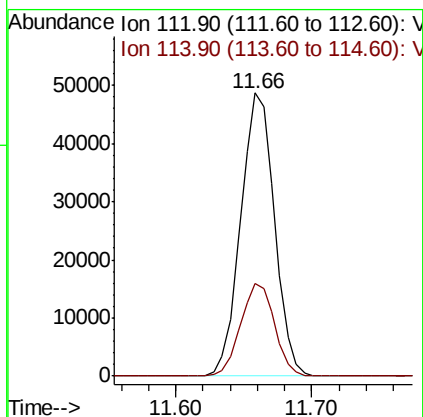
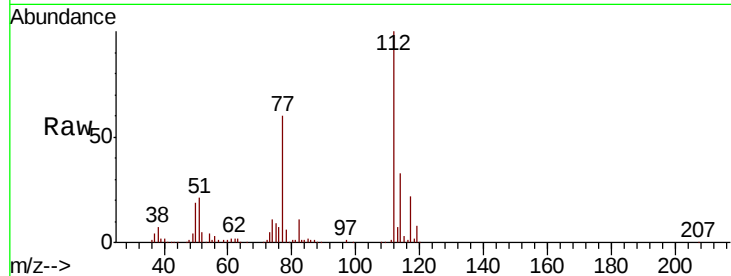




#65
Chlorobenzene
Concen: 20.636 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

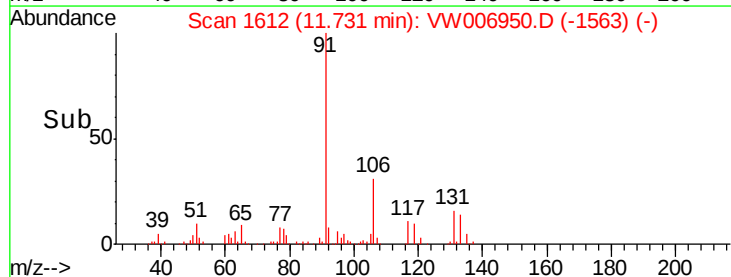
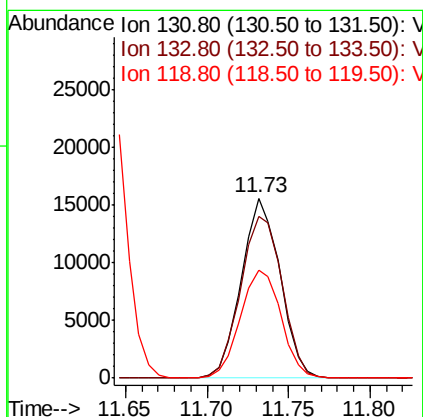
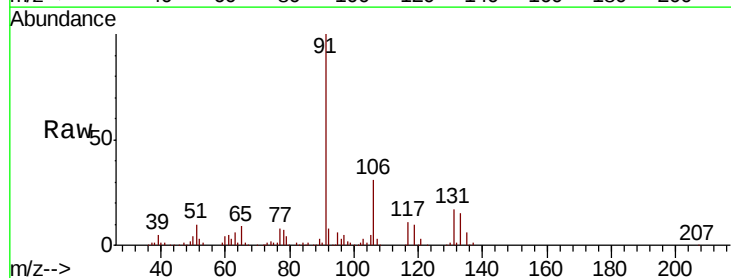
Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

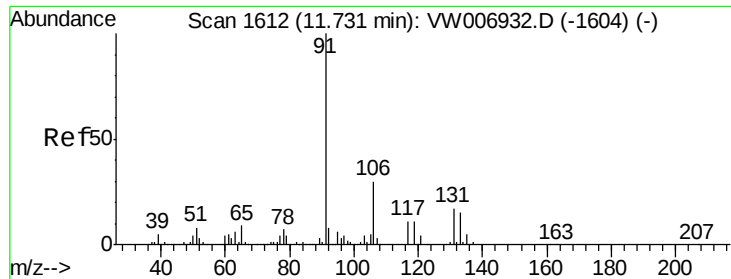
Tot Ion:112 Resp: 84313
Ion Ratio Lower Upper
112 100
114 33.0 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.813 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Tgt Ion:131 Resp: 25797
Ion Ratio Lower Upper
131 100
133 96.7 47.2 141.6
119 63.0 32.5 97.4

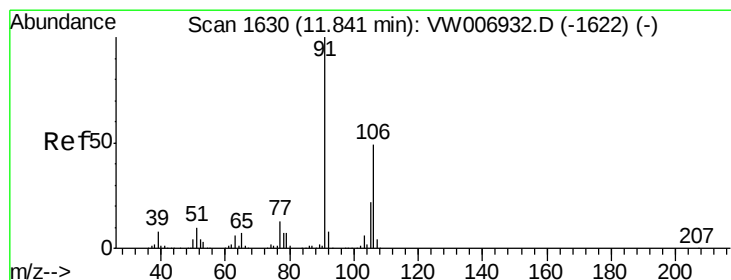
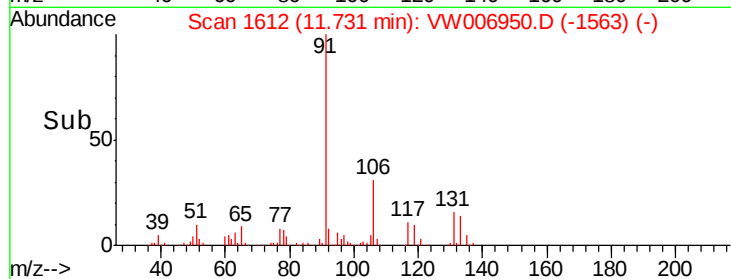
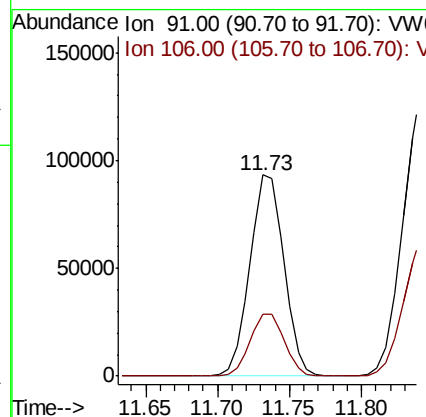
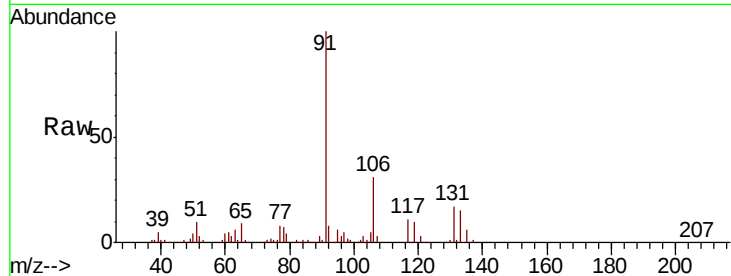




#67
Ethyl Benzene
Concen: 20.742 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

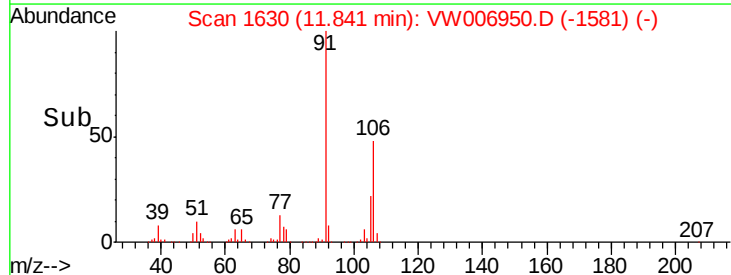
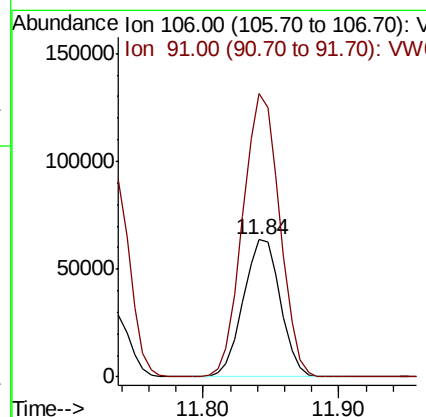
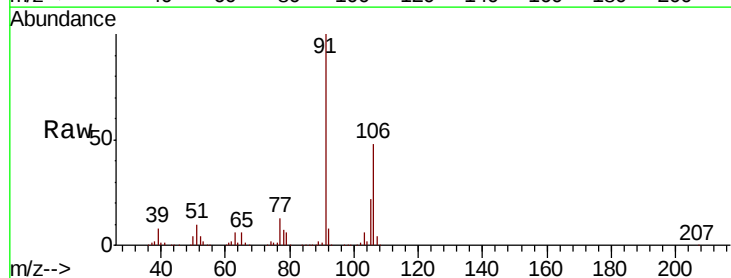
Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

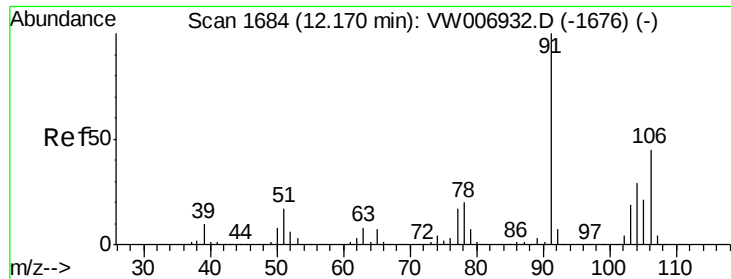
Tot Ion: 91 Resp: 152795
Ion Ratio Lower Upper
91 100
106 30.6 24.0 36.0



#68
m/p-Xylenes
Concen: 42.365 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Tgt Ion: 106 Resp: 121526
Ion Ratio Lower Upper
106 100
91 205.4 165.0 247.4

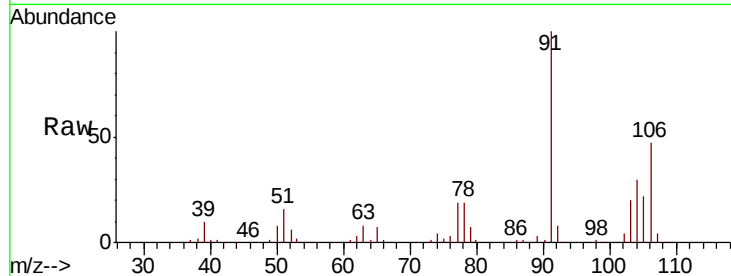




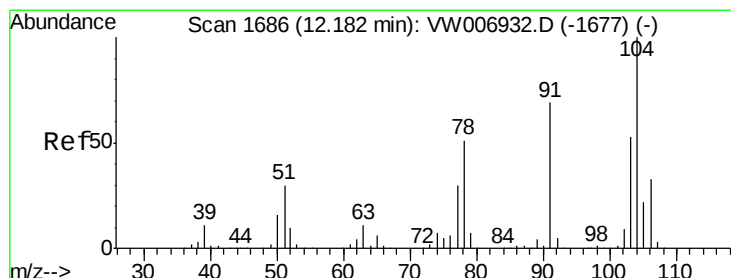
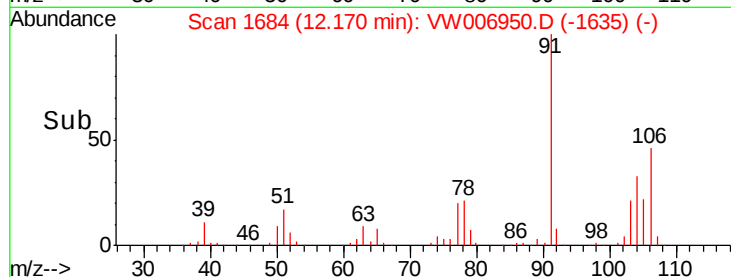
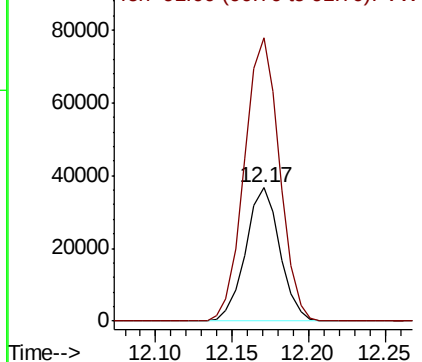
#69
o-Xylene
Concen: 20.891 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

Tot Ion:106 Resp: 56876
Ion Ratio Lower Upper
106 100
91 218.5 109.2 327.6

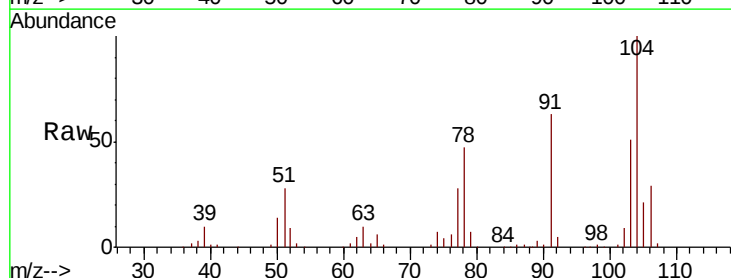


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

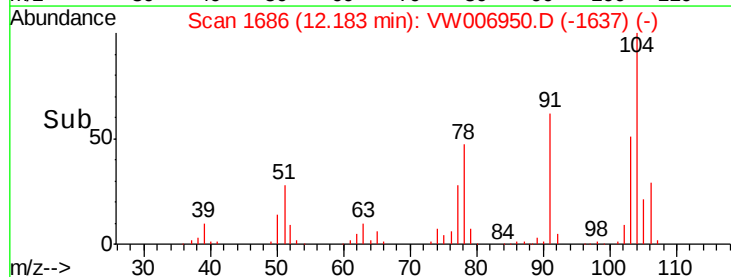
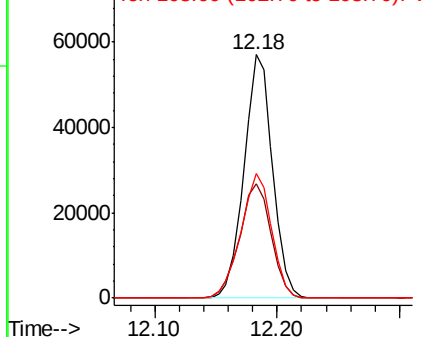


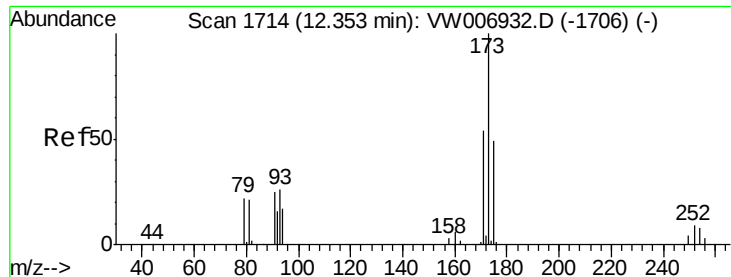
#70
Styrene
Concen: 21.038 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Tgt Ion:104 Resp: 92111
Ion Ratio Lower Upper
104 100
78 52.1 42.5 63.7
103 55.2 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.952 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBS01

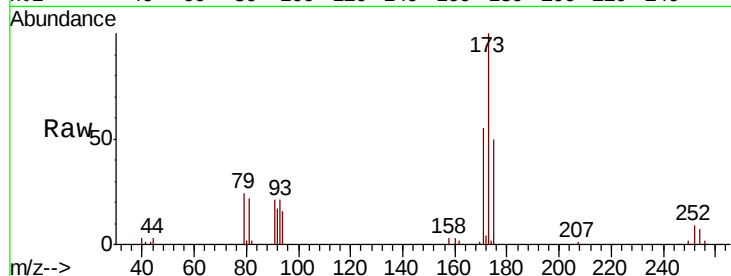
Tot Ion:173 Resp: 12111

Ion Ratio Lower Upper

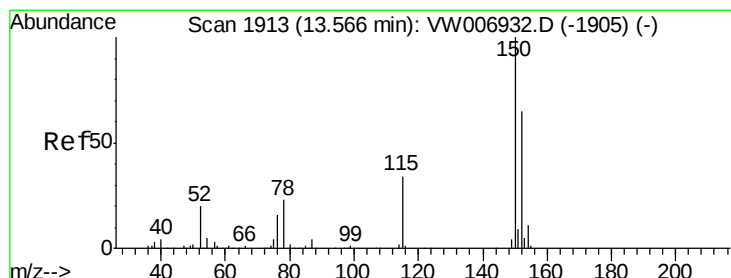
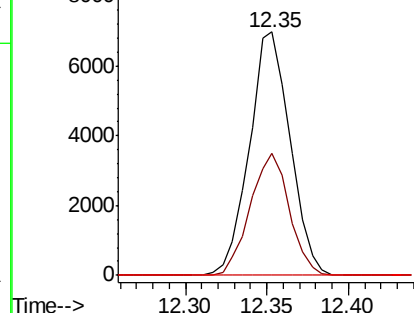
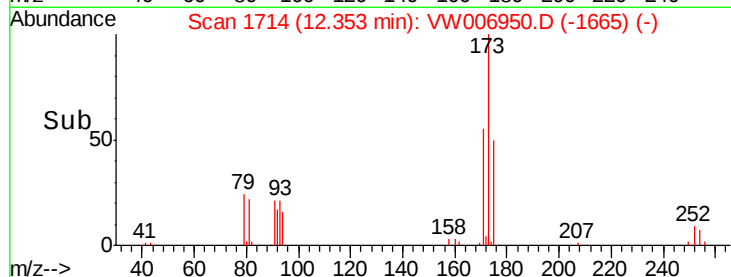
173 100

175 48.1 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: VW006950.D

Acq: 19 Nov 2018 18:52

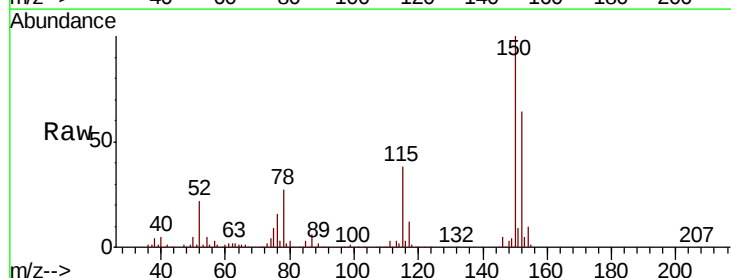
Tgt Ion:152 Resp: 96934

Ion Ratio Lower Upper

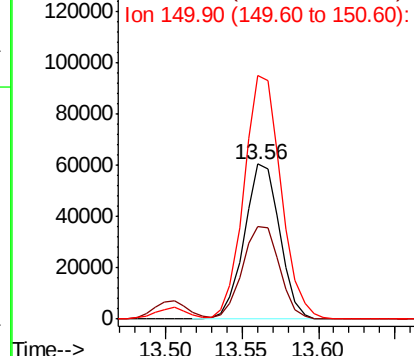
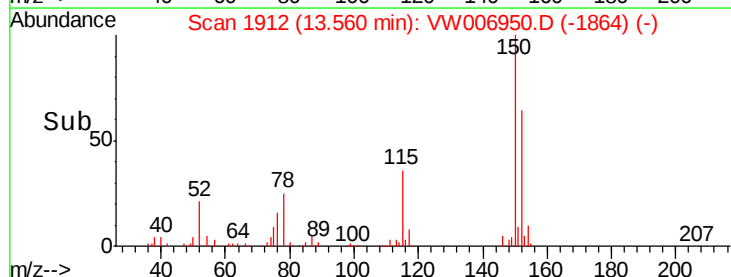
152 100

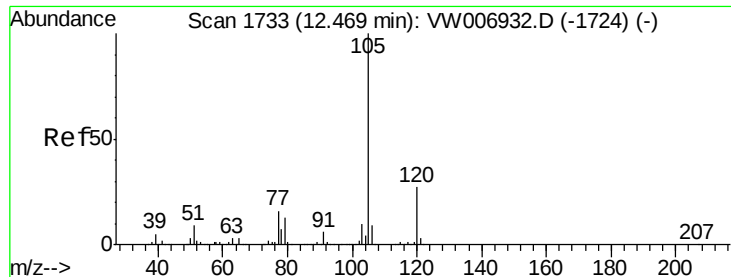
115 62.5 31.6 94.7

150 165.2 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: 20.085 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Instrument :

MSVOA_W

ClientSampled :

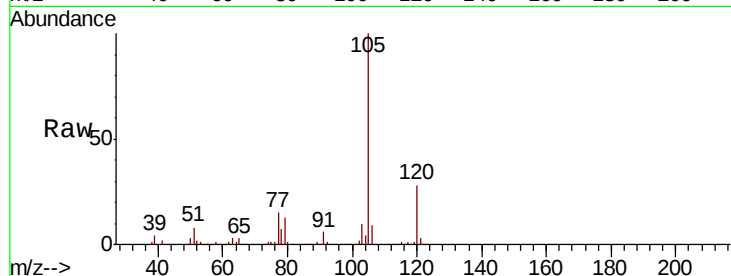
VW1120SBS01

Tot Ion:105 Resp: 154189

Ion Ratio Lower Upper

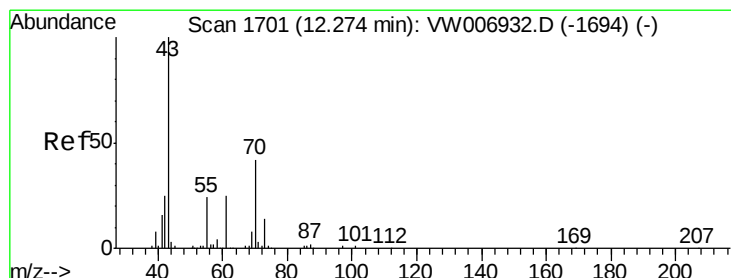
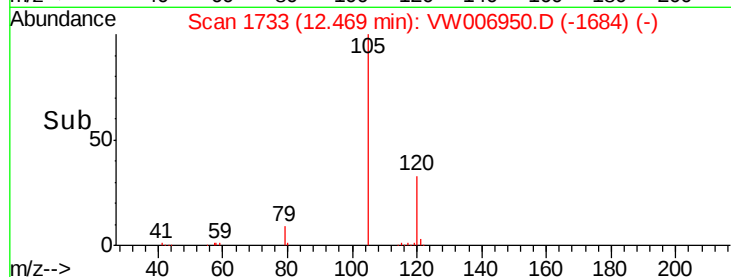
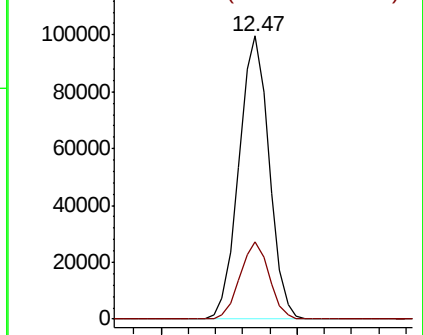
105 100

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



#74

N-ethyl acetate

Concen: 16.728 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Tgt Ion: 43 Resp: 25701

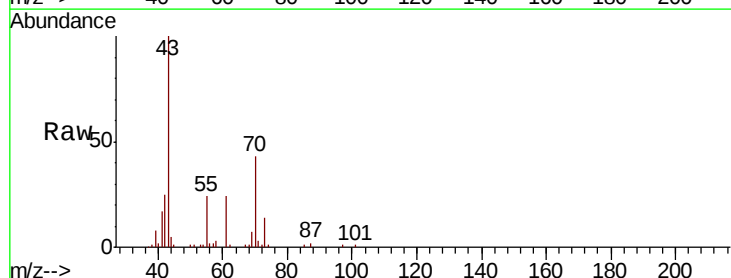
Ion Ratio Lower Upper

43 100

70 43.9 34.2 51.4

55 25.6 19.5 29.3

61 24.3 19.7 29.5

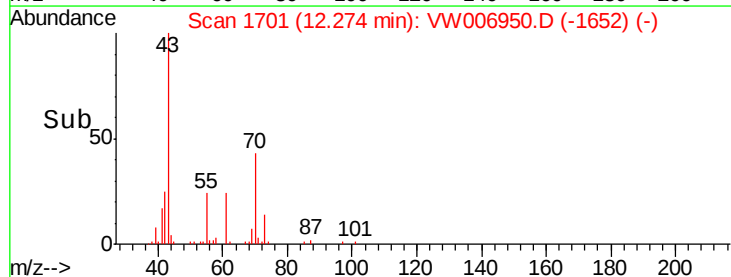
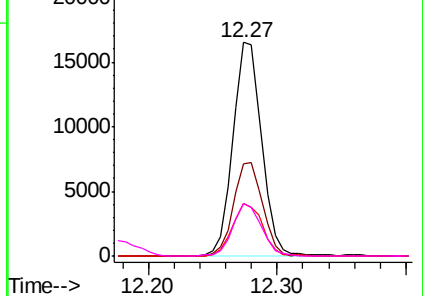


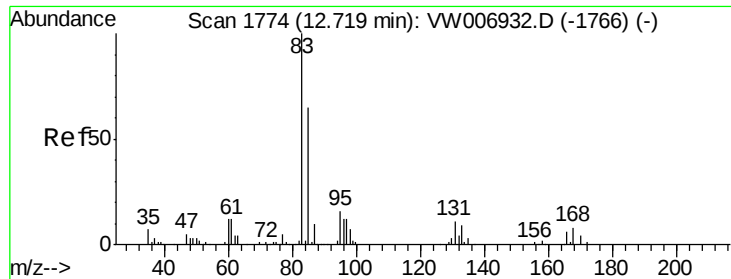
Abundance Ion 43.00 (42.70 to 43.70): VW

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

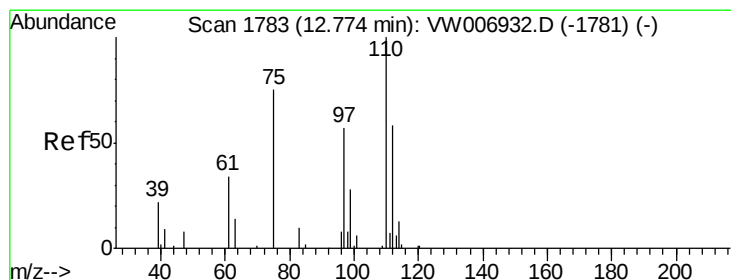
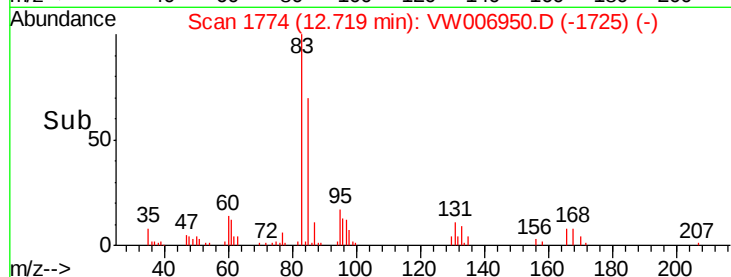
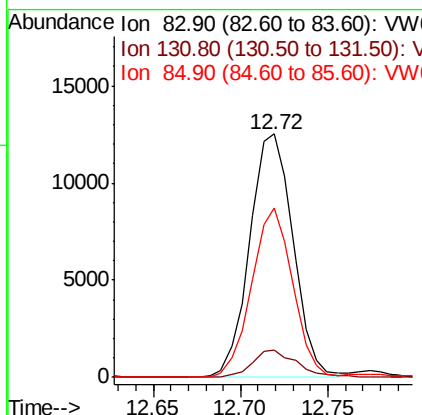
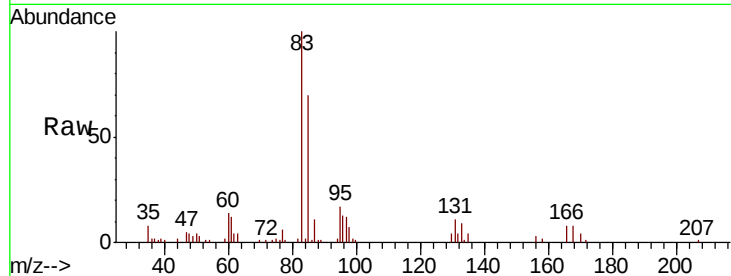




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.114 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: VW006950.D
 Acq: 19 Nov 2018 18:52

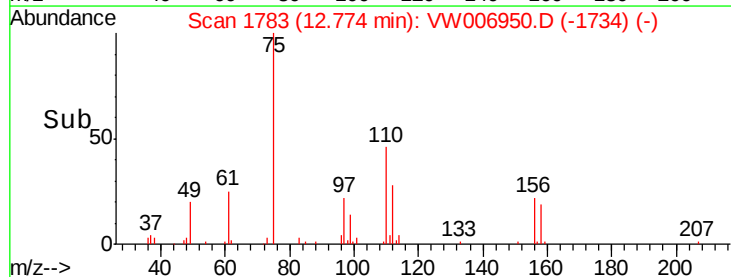
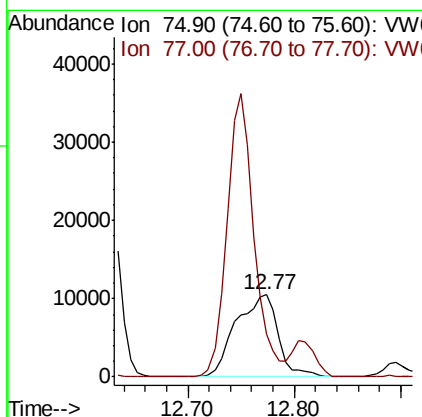
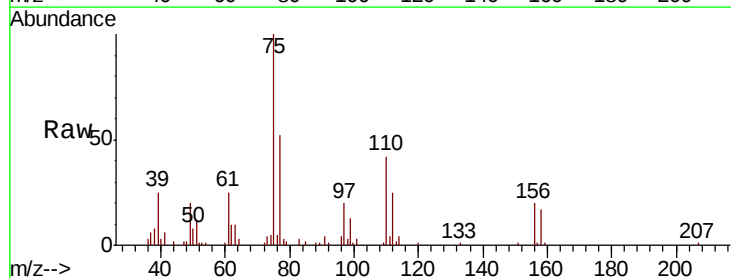
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBS01

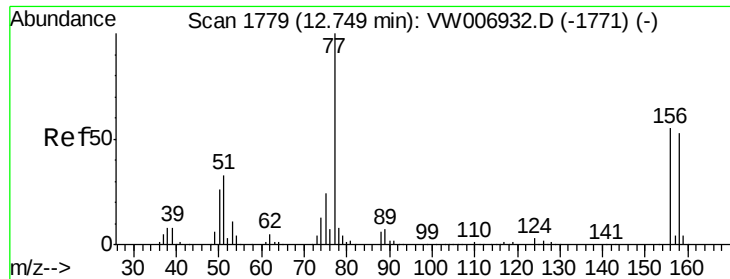
Tot Ion: 83 Resp: 21584
 Ion Ratio Lower Upper
 83 100
 131 11.4 5.6 16.8
 85 65.8 32.5 97.5



#76
 1,2,3-Trichloropropane
 Concen: 37.622 ug/l
 RT: 12.77 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VW006950.D
 Acq: 19 Nov 2018 18:52

Tgt Ion: 75 Resp: 29307
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.477 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBS01

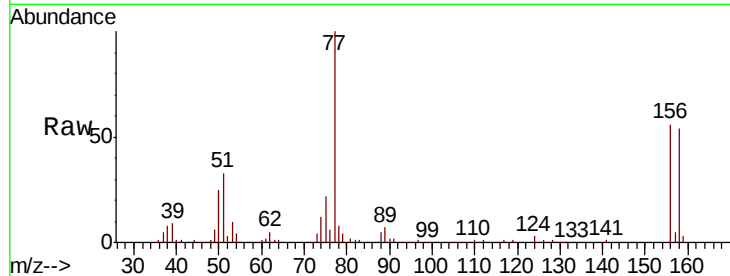
Tot Ion:156 Resp: 33316

Ion Ratio Lower Upper

156 100

77 193.6 97.8 293.3

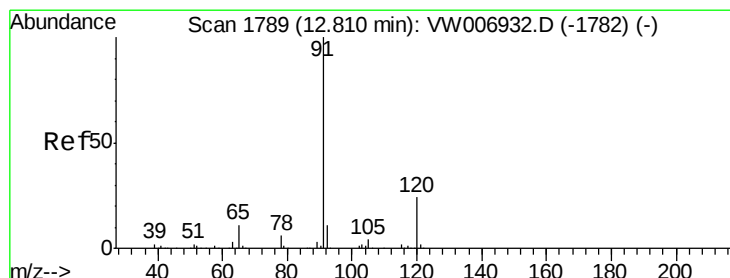
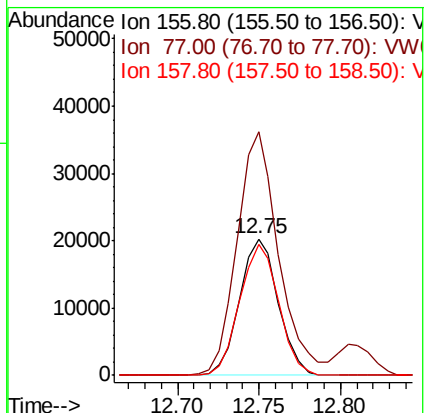
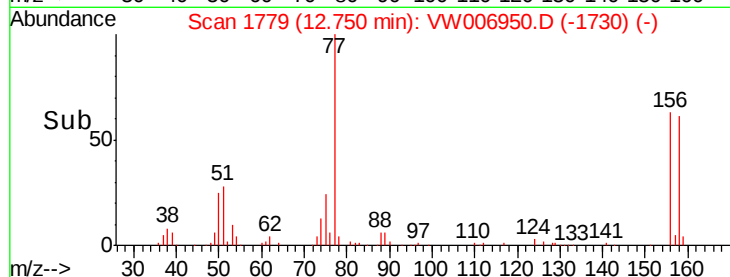
158 96.7 47.9 143.7



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: 20.241 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006950.D

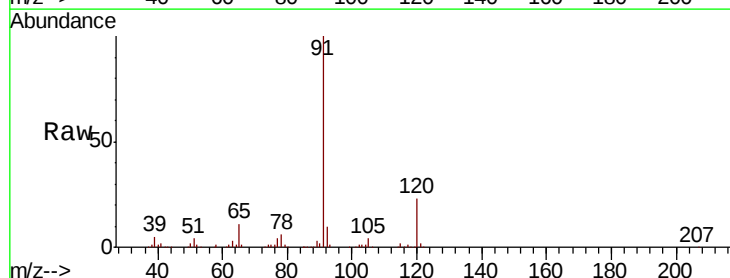
Acq: 19 Nov 2018 18:52

Tgt Ion: 91 Resp: 186707

Ion Ratio Lower Upper

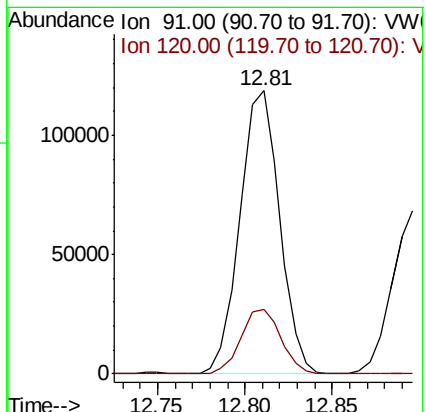
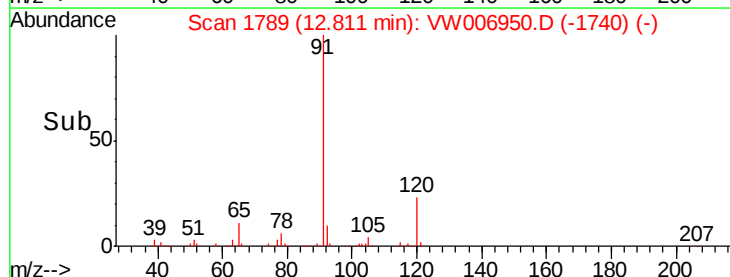
91 100

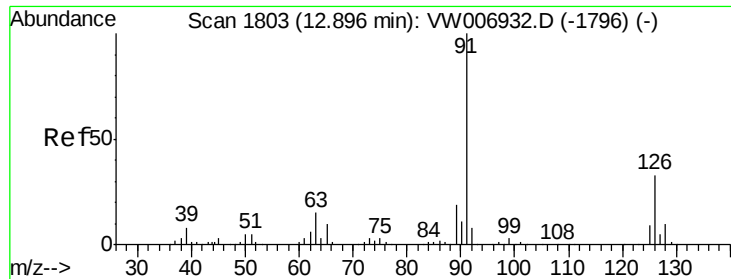
120 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

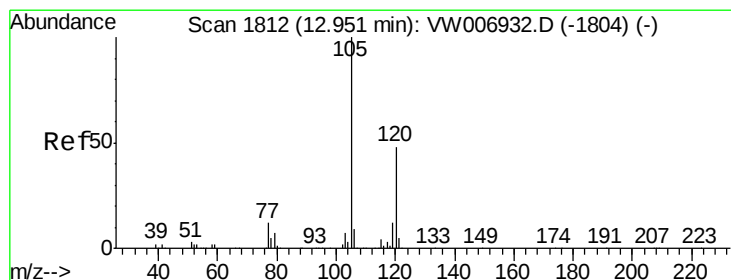
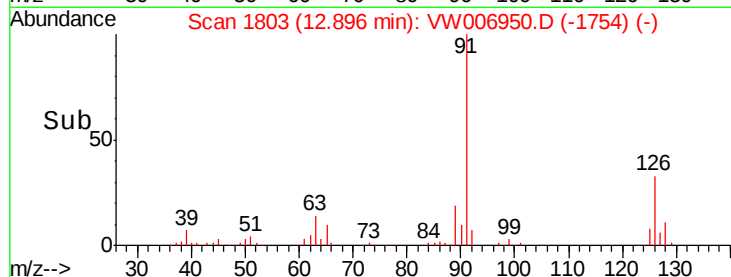
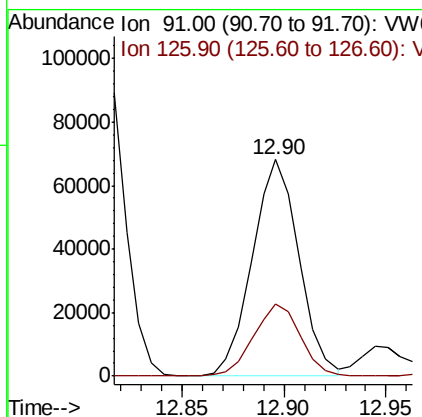
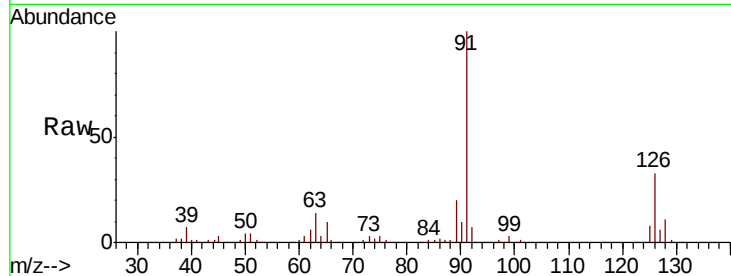




#79
 2-Chlorotoluene
 Concen: 20.025 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW006950.D
 Acq: 19 Nov 2018 18:52

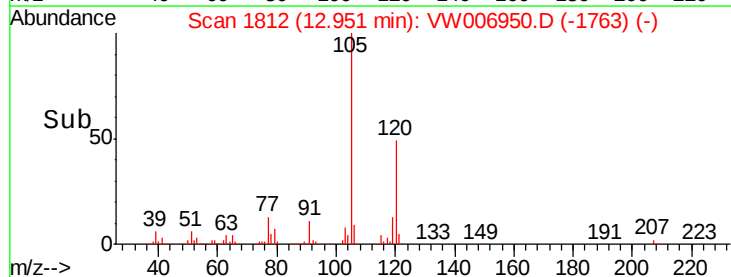
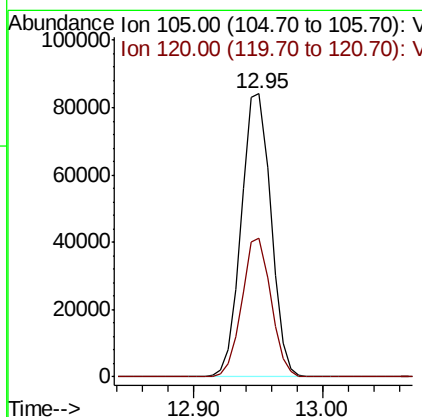
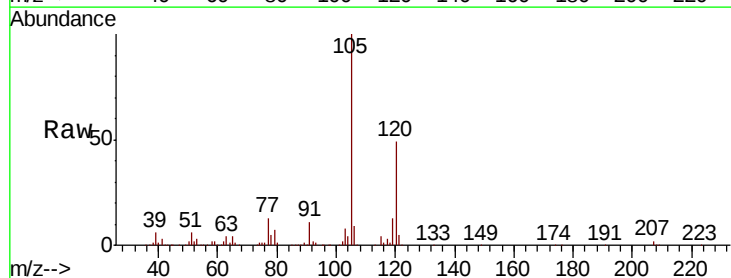
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBS01

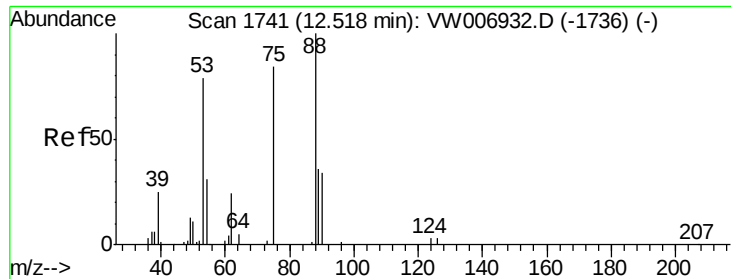
Tot Ion: 91 Resp: 108253
 Ion Ratio Lower Upper
 91 100
 126 33.7 16.6 49.7



#80
 1,3,5-Trimethylbenzene
 Concen: 20.232 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW006950.D
 Acq: 19 Nov 2018 18:52

Tgt Ion:105 Resp: 133740
 Ion Ratio Lower Upper
 105 100
 120 48.1 23.5 70.5





#81

trans-1,4-Dichloro-2-butene

Concen: 17.866 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.01 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBS01

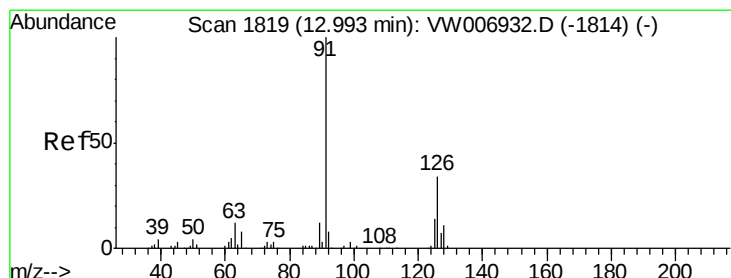
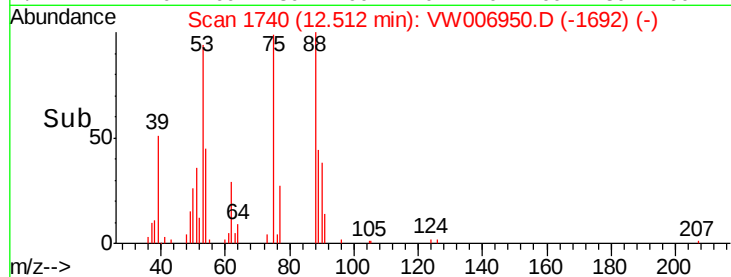
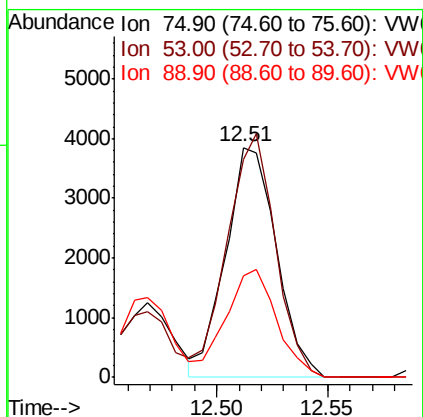
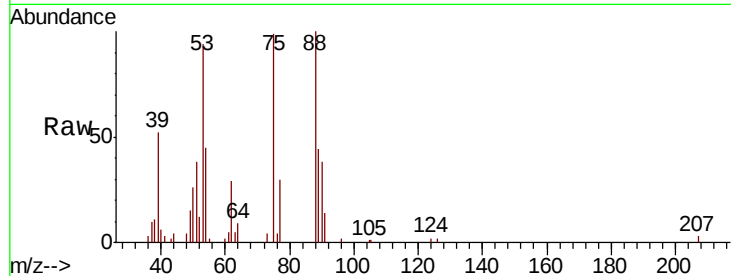
Tot Ion: 75 Resp: 6114

Ion Ratio Lower Upper

75 100

53 100.5 79.3 118.9

89 47.6 39.5 59.3



#82

4-Chlorotoluene

Concen: 20.066 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW006950.D

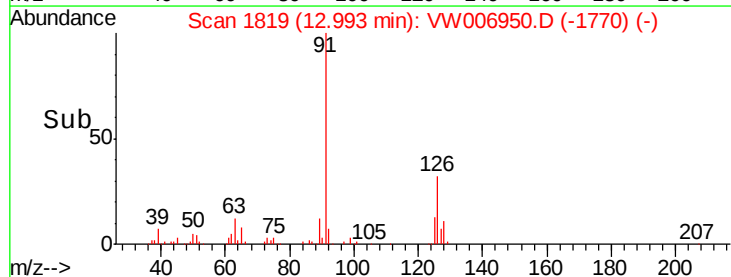
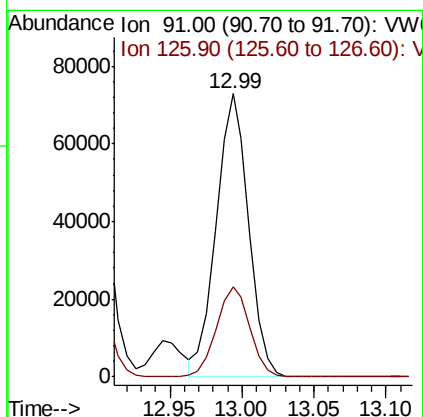
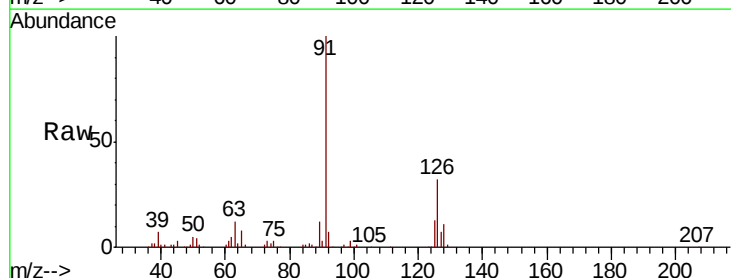
Acq: 19 Nov 2018 18:52

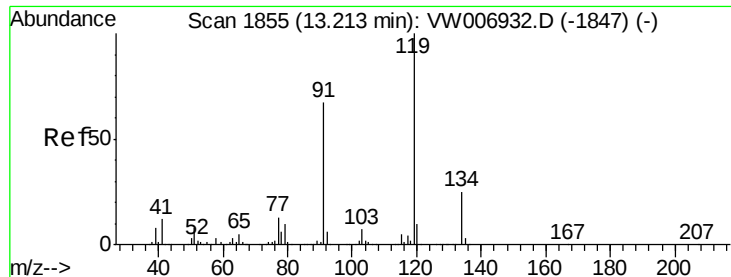
Tgt Ion: 91 Resp: 114366

Ion Ratio Lower Upper

91 100

126 32.9 16.2 48.6

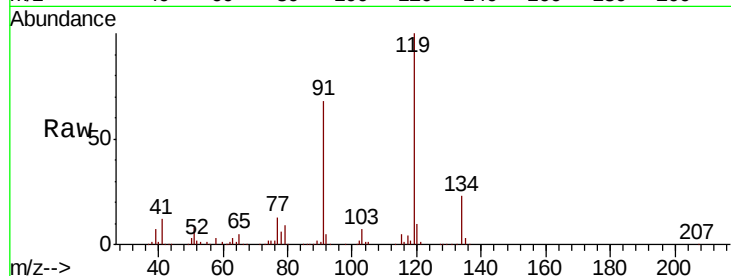




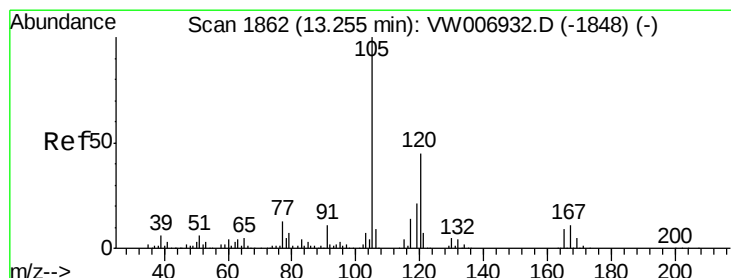
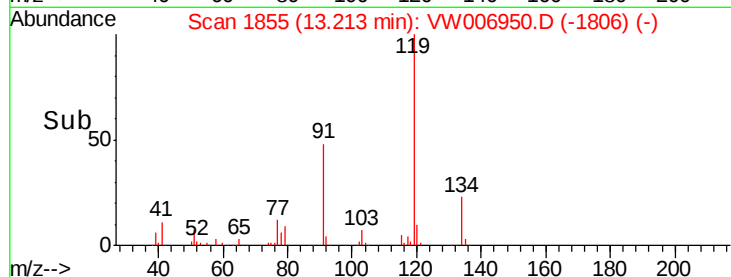
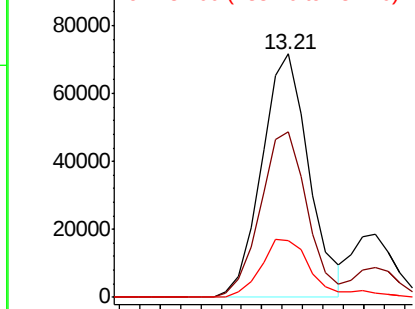
#83
tert-Butylbenzene
Concen: 20.615 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

Tot Ion:119 Resp: 115720
Ion Ratio Lower Upper
119 100
91 67.5 33.8 101.4
134 26.1 12.6 37.8

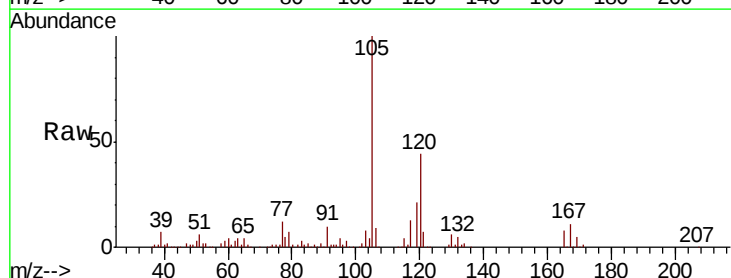


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

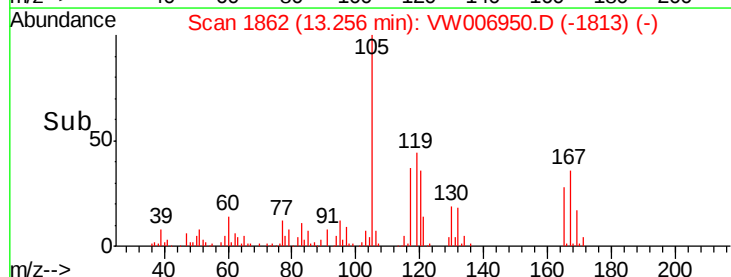
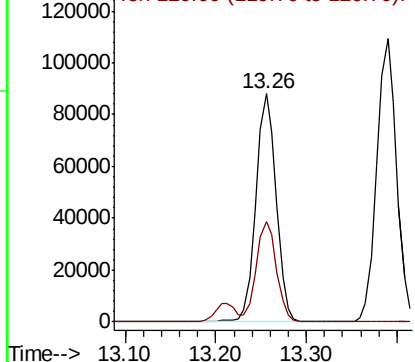


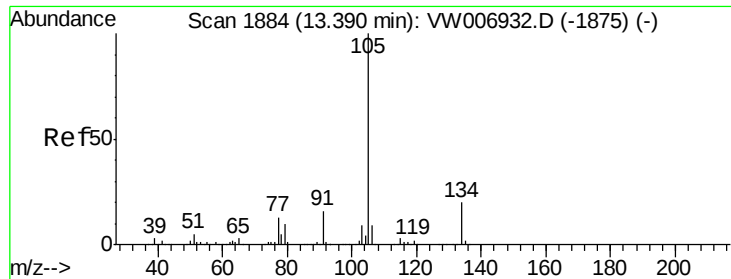
#84
1,2,4-Trimethylbenzene
Concen: 20.492 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Tgt Ion:105 Resp: 136083
Ion Ratio Lower Upper
105 100
120 44.2 21.9 65.8



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





#85

sec-Butylbenzene

Concen: 20.634 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Instrument :

MSVOA_W

ClientSampleId :

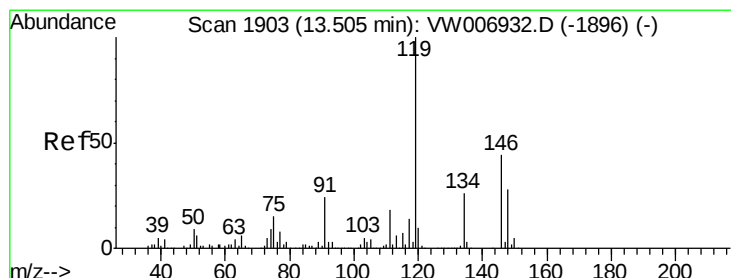
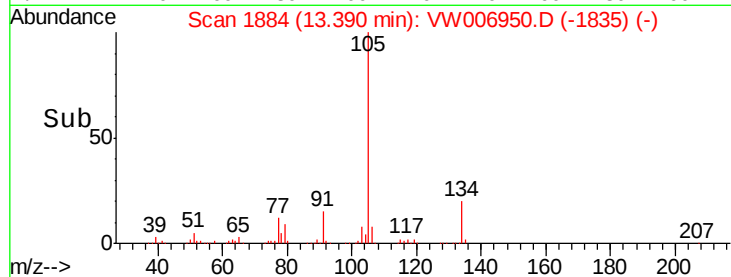
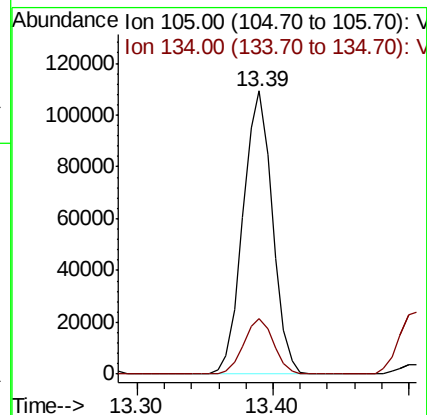
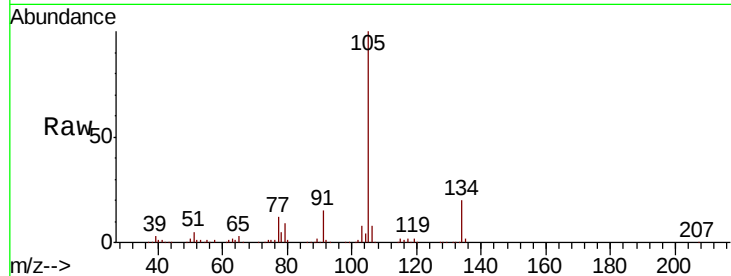
VW1120SBS01

Tot Ion:105 Resp: 165273

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.4



#86

p-Isopropyltoluene

Concen: 20.749 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

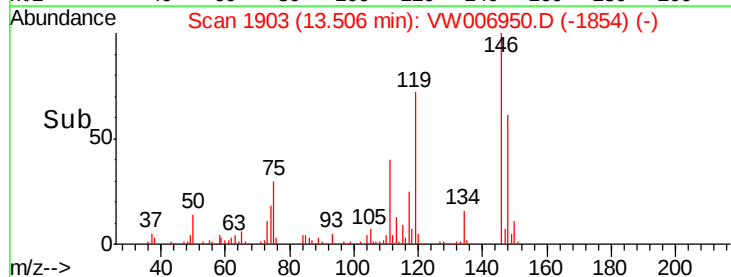
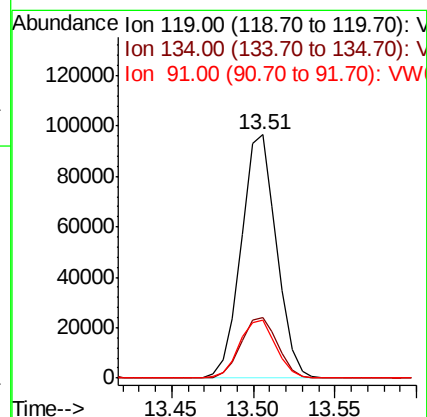
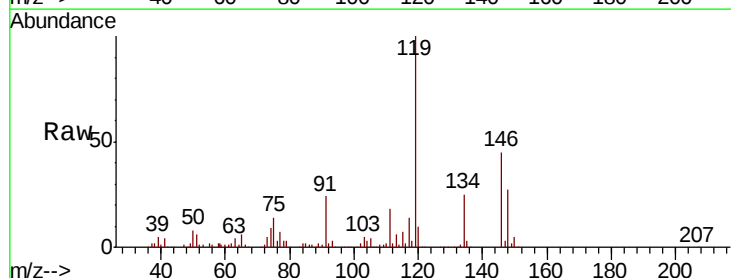
Tgt Ion:119 Resp: 145248

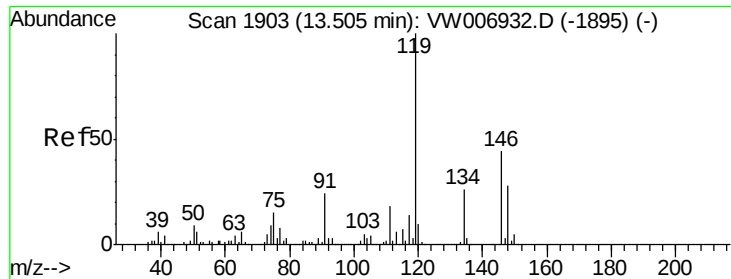
Ion Ratio Lower Upper

119 100

134 25.9 12.7 38.1

91 24.9 12.4 37.2

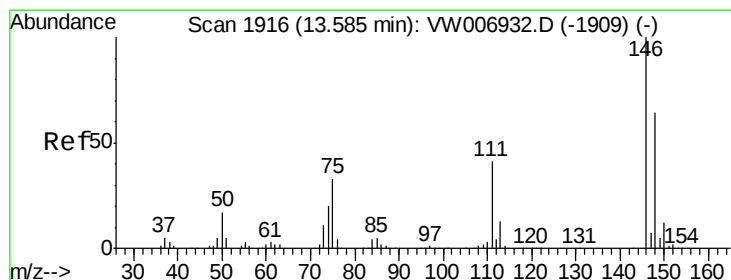
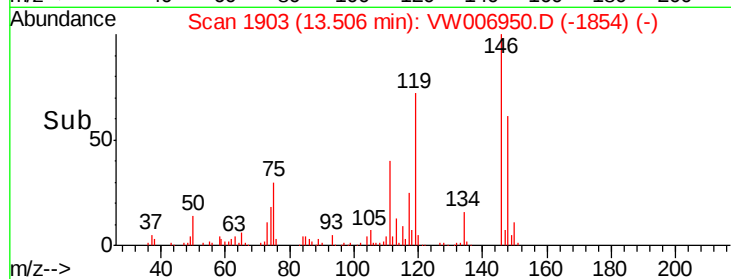
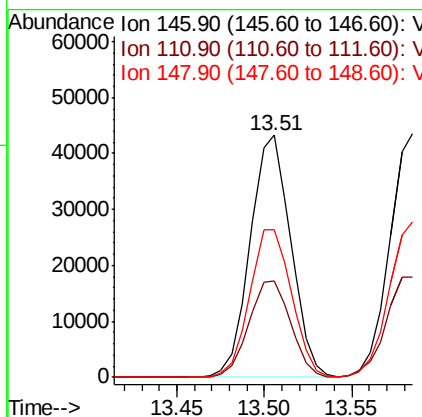
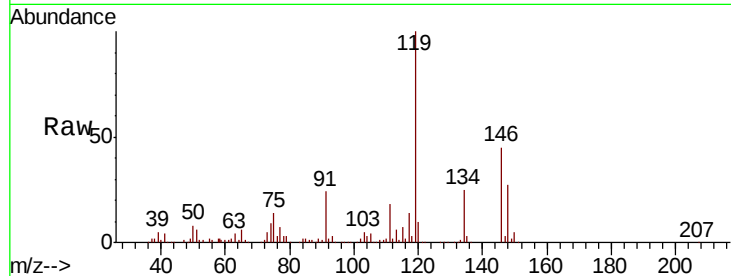




#87
 1,3-Dichlorobenzene
 Concen: 20.965 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006950.D
 Acq: 19 Nov 2018 18:52

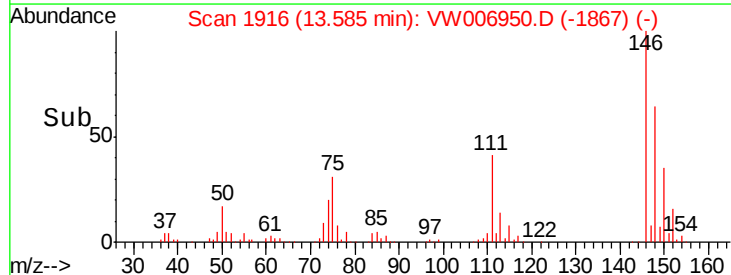
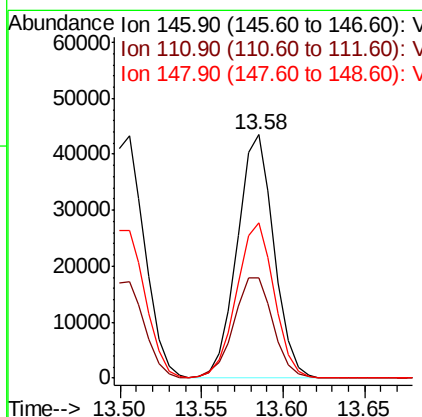
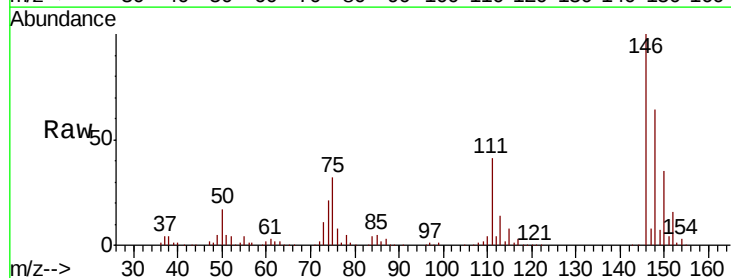
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBS01

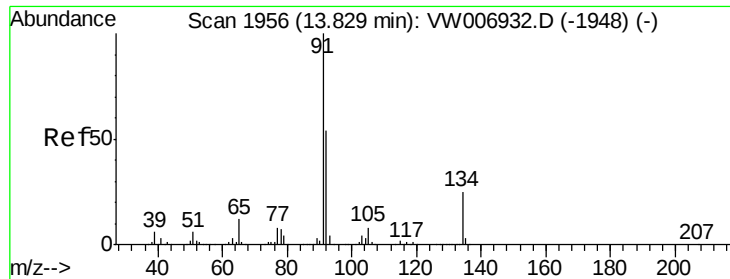
Tot Ion:146 Resp: 69750
 Ion Ratio Lower Upper
 146 100
 111 41.1 21.3 63.9
 148 63.2 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 20.595 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006950.D
 Acq: 19 Nov 2018 18:52

Tgt Ion:146 Resp: 68289
 Ion Ratio Lower Upper
 146 100
 111 44.0 20.7 62.1
 148 65.2 31.9 95.9





#89

n-Butylbenzene

Concen: 20.461 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBS01

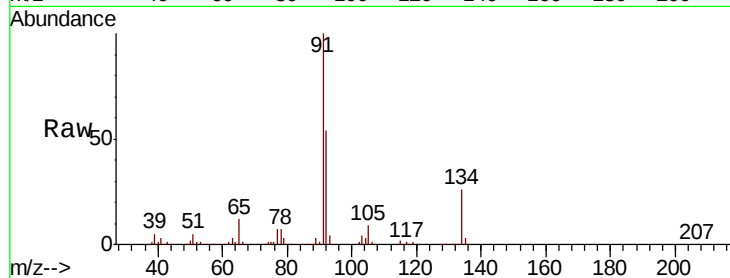
Tot Ion: 91 Resp: 135582

Ion Ratio Lower Upper

91 100

92 53.4 26.4 79.2

134 26.4 12.9 38.6

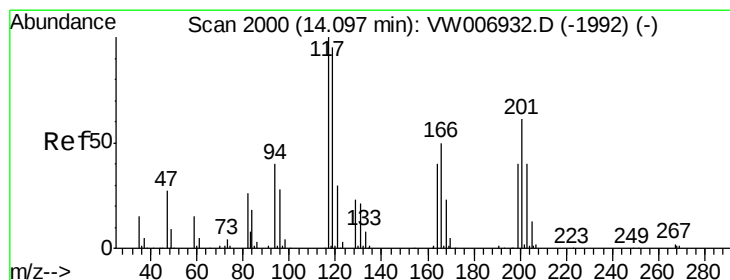
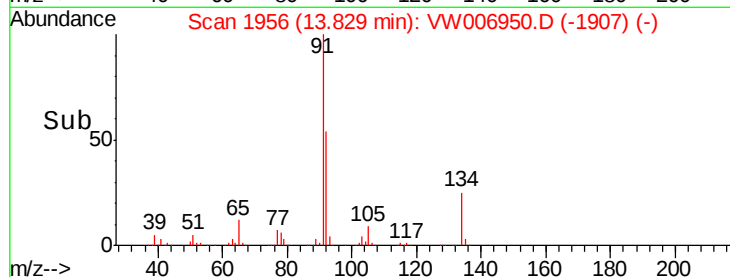
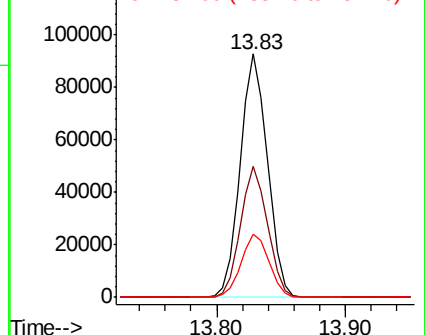


Abundance

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: 18.415 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW006950.D

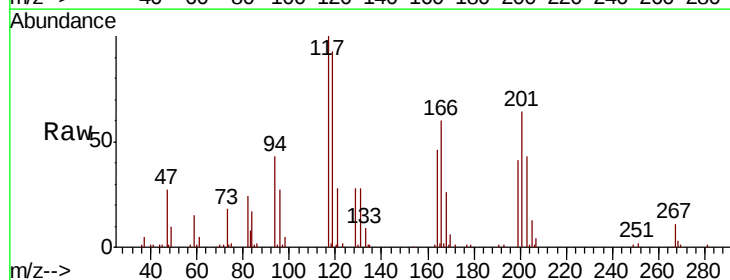
Acq: 19 Nov 2018 18:52

Tgt Ion: 117 Resp: 21016

Ion Ratio Lower Upper

117 100

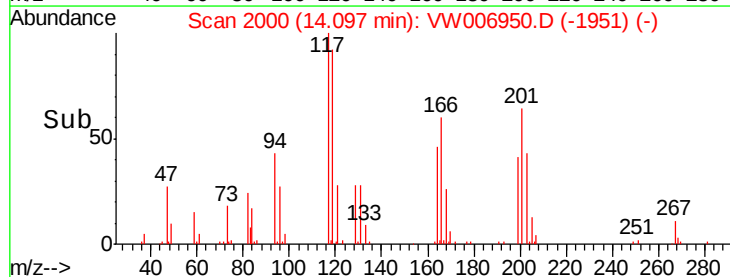
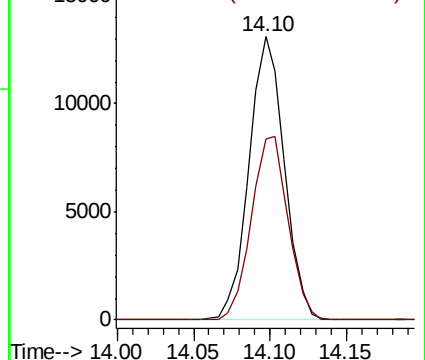
201 67.3 33.8 101.4

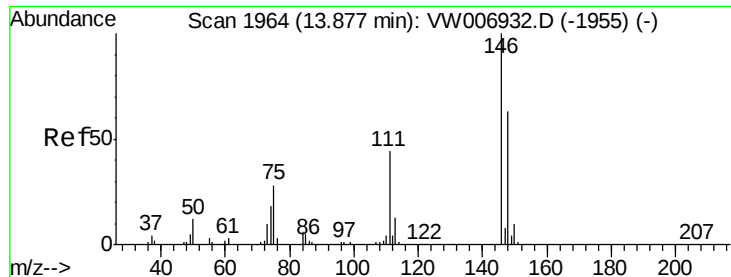


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 20.512 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

Instrument :

MSVOA_W

ClientSampleId :

VW1120SBS01

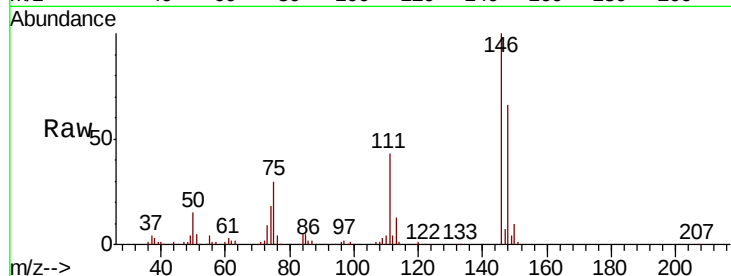
Tot Ion:146 Resp: 61023

Ion Ratio Lower Upper

146 100

111 43.6 22.6 67.7

148 64.1 31.7 95.1

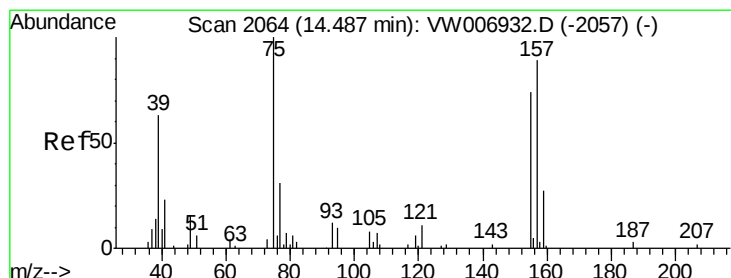
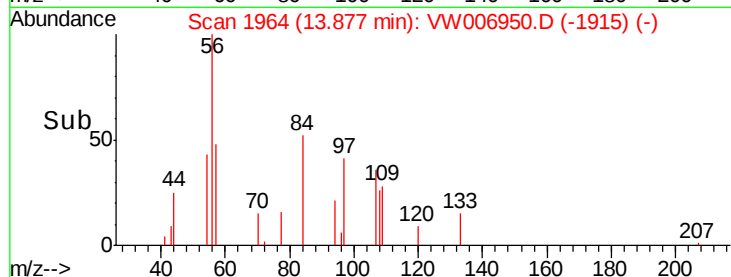
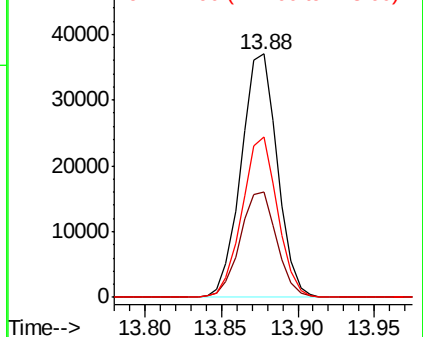


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.694 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.01 min

Lab File: VW006950.D

Acq: 19 Nov 2018 18:52

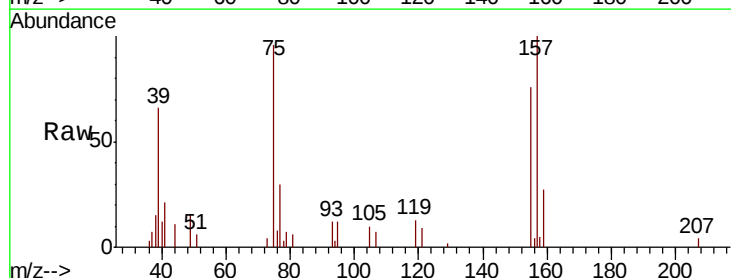
Tgt Ion: 75 Resp: 3653

Ion Ratio Lower Upper

75 100

155 79.9 38.6 115.7

157 100.3 49.7 149.1

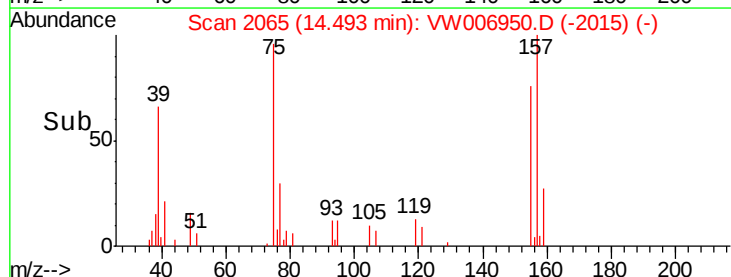
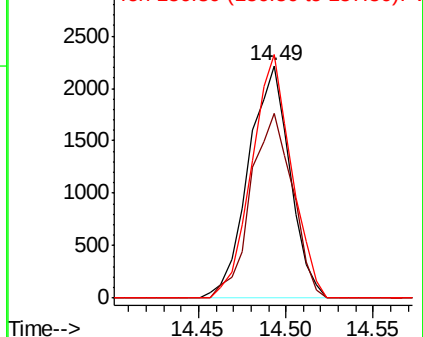


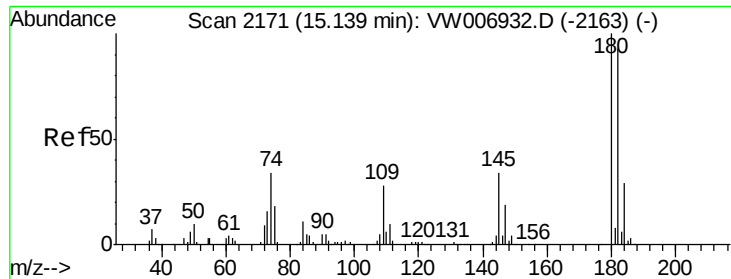
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

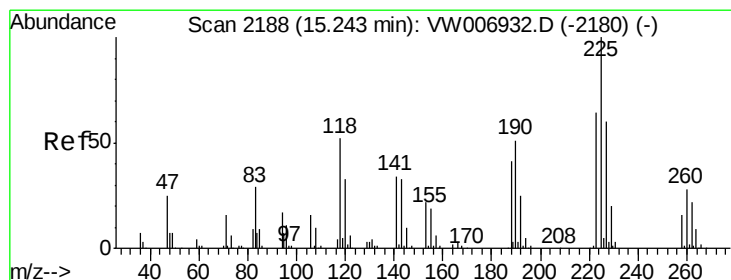
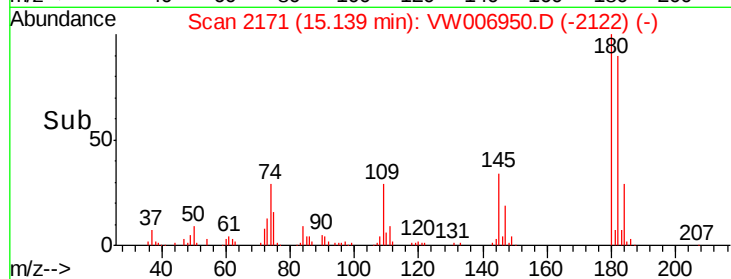
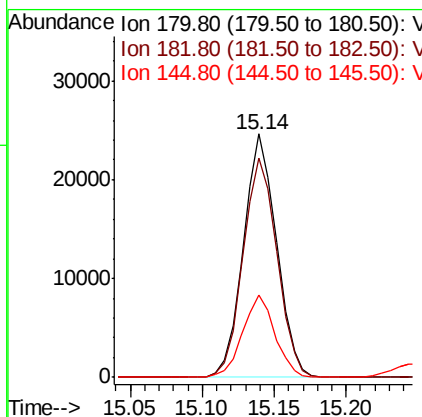
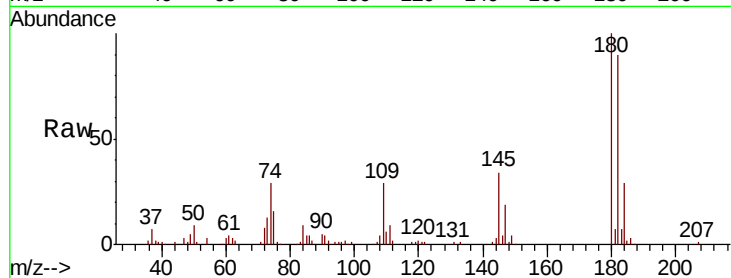




#93
 1,2,4-Trichlorobenzene
 Concen: 20.865 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006950.D
 Acq: 19 Nov 2018 18:52

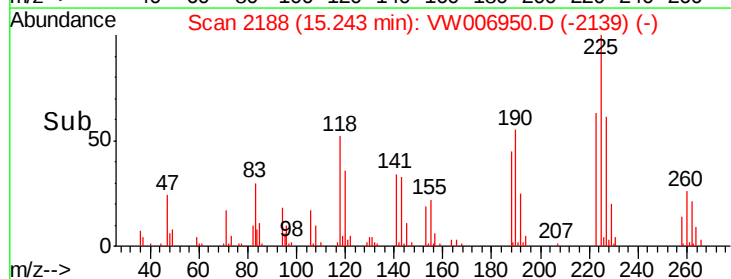
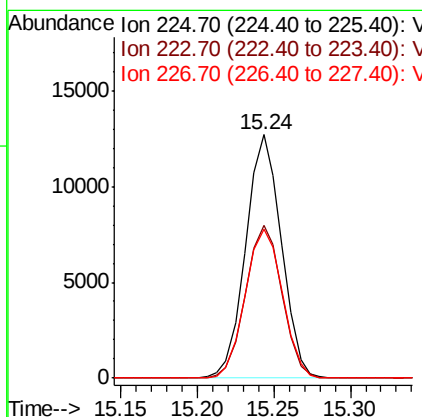
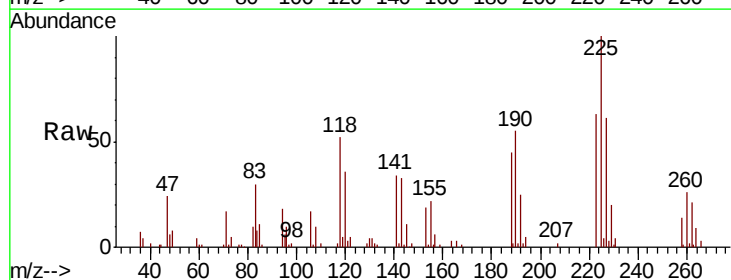
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBS01

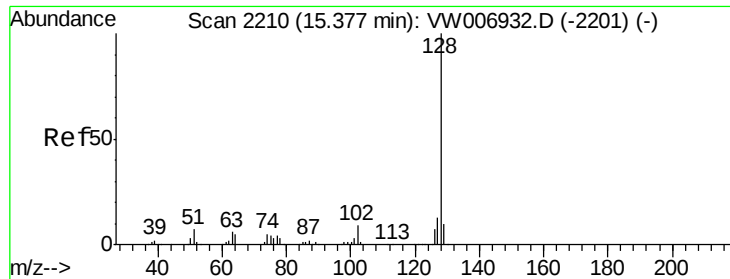
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.8	47.3	141.9
145	32.8	16.8	50.4



#94
 Hexachlorobutadiene
 Concen: 20.829 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006950.D
 Acq: 19 Nov 2018 18:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	32.1	96.3
227	63.7	31.6	95.0

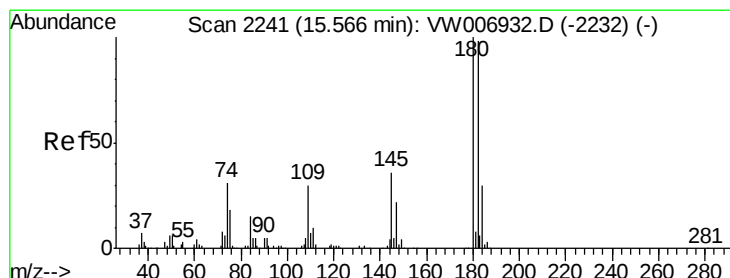
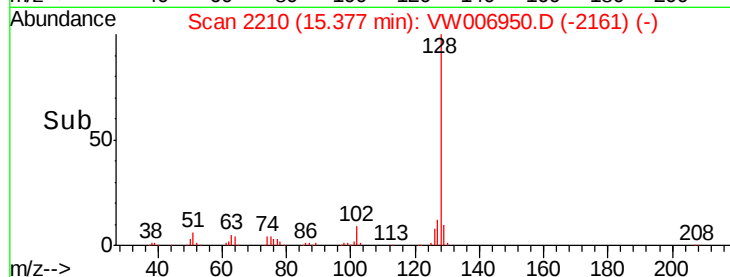
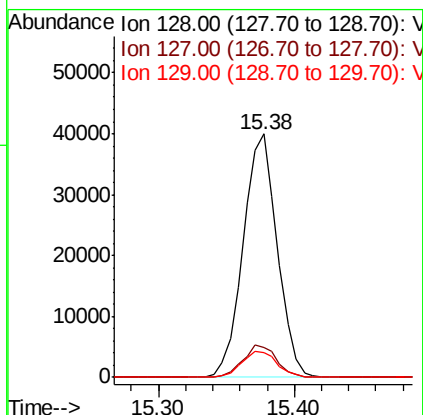
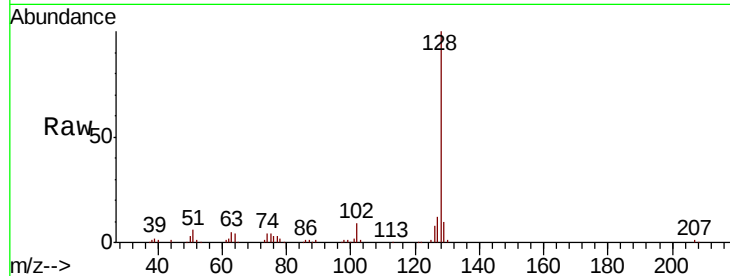




#95
Naphthalene
Concen: 19.361 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Instrument :
MSVOA_W
ClientSampleId :
VW1120SBS01

Tot Ion:128 Resp: 69828
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.0 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 20.479 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006950.D
Acq: 19 Nov 2018 18:52

Tgt Ion:180 Resp: 32861
Ion Ratio Lower Upper
180 100
182 92.4 47.4 142.2
145 35.5 17.6 52.9

