

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072318\
 Data File : VW004155.D
 Acq On : 24 Jul 2018 00:43
 Operator : SY/AP
 Sample : VW0723SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 24 04:48:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	243335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	396384	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	372837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	196692	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	149255	54.87	ug/l	0.00
Spiked Amount			Recovery	=	109.74%	
35) Dibromofluoromethane	7.88	113	132493	52.09	ug/l	0.00
Spiked Amount			Recovery	=	104.18%	
50) Toluene-d8	10.33	98	512666	51.95	ug/l	0.00
Spiked Amount			Recovery	=	103.90%	
62) 4-Bromofluorobenzene	12.62	95	180547	50.73	ug/l	0.00
Spiked Amount			Recovery	=	101.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	21202	15.515	ug/l	94
3) Chloromethane	2.21	50	40784	22.675	ug/l	96
4) Vinyl Chloride	2.36	62	51728	20.909	ug/l	100
5) Bromomethane	2.76	94	32774	21.195	ug/l	99
6) Chloroethane	2.92	64	27817	19.790	ug/l	96
7) Trichlorofluoromethane	3.25	101	20617	19.850	ug/l	97
8) Diethyl Ether	3.67	74	25823	21.419	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	50460	21.054	ug/l	97
10) Methyl Iodide	4.26	142	72895	21.177	ug/l	99
11) Tert butyl alcohol	5.20	59	18549	98.786	ug/l #	86
12) 1,1-Dichloroethene	4.03	96	49316	20.854	ug/l	98
13) Acrolein	3.89	56	18418	95.464	ug/l	99
14) Allyl chloride	4.65	41	81998	21.006	ug/l	99
15) Acrylonitrile	5.37	53	70402	113.959	ug/l	96
16) Acetone	4.13	43	60510	92.578	ug/l	96
17) Carbon Disulfide	4.37	76	157382	21.321	ug/l	100
18) Methyl Acetate	4.67	43	36492	23.259	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	98466	21.726	ug/l	99
20) Methylene Chloride	4.90	84	64416	17.160	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	56228	21.691	ug/l	92
22) Diisopropyl ether	6.31	45	183102	23.210	ug/l	99
23) Vinyl Acetate	6.26	43	539896	108.010	ug/l	100
24) 1,1-Dichloroethane	6.21	63	106446	22.114	ug/l	99
25) 2-Butanone	7.18	43	95762	108.873	ug/l	97
26) 2,2-Dichloropropane	7.17	77	50369	18.229	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	59405	21.199	ug/l	99
28) Bromochloromethane	7.51	49	47494	24.109	ug/l	96
29) Tetrahydrofuran	7.53	42	62863	114.737	ug/l	99
30) Chloroform	7.68	83	107402	22.431	ug/l	99
31) Cyclohexane	7.95	56	93584	20.740	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	79922	21.376	ug/l	99
36) 1,1-Dichloropropene	8.08	75	82800	20.303	ug/l	99
37) Ethyl Acetate	7.26	43	43300	22.012	ug/l	98
38) Carbon Tetrachloride	8.07	117	75459	19.802	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072318\
 Data File : VW004155.D
 Acq On : 24 Jul 2018 00:43
 Operator : SY/AP
 Sample : VW0723SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 24 04:48:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	89372	18.712	ug/l	95
40) Benzene	8.32	78	242027	21.391	ug/l	100
41) Methacrylonitrile	7.49	41	24971	22.910	ug/l	90
42) 1,2-Dichloroethane	8.40	62	75310	21.817	ug/l	99
43) Isopropyl Acetate	8.43	43	80452	21.867	ug/l	99
44) Trichloroethene	9.09	130	59624	20.329	ug/l	96
45) 1,2-Dichloropropane	9.37	63	62766	21.735	ug/l	99
46) Dibromomethane	9.46	93	32806	21.893	ug/l	99
47) Bromodichloromethane	9.65	83	78460	21.239	ug/l	99
48) Methyl methacrylate	9.45	41	37464	21.056	ug/l	99
49) 1,4-Dioxane	9.46	88	10750	466.698	ug/l #	79
51) 4-Methyl-2-Pentanone	10.21	43	218010	111.224	ug/l	98
52) Toluene	10.39	92	148926	21.286	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	77235	19.994	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	88225	19.964	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	47216	22.404	ug/l	98
56) Ethyl methacrylate	10.65	69	56604	20.617	ug/l	96
57) 1,3-Dichloropropane	10.93	76	79994	21.847	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	144448	115.534	ug/l	99
59) 2-Hexanone	10.98	43	149968	108.554	ug/l	96
60) Dibromochloromethane	11.13	129	51896	21.145	ug/l	100
61) 1,2-Dibromoethane	11.24	107	43111	21.498	ug/l	95
64) Tetrachloroethene	10.87	164	57427	22.448	ug/l	98
65) Chlorobenzene	11.66	112	160669	20.266	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	55868	20.279	ug/l	98
67) Ethyl Benzene	11.74	91	273505	19.639	ug/l	97
68) m/p-Xylenes	11.85	106	213909	40.187	ug/l	99
69) o-Xylene	12.17	106	97529	19.752	ug/l	99
70) Styrene	12.19	104	169291	20.527	ug/l	99
71) Bromoform	12.35	173	32304	20.768	ug/l #	99
73) Isopropylbenzene	12.47	105	265195	19.081	ug/l	100
74) N-amyl acetate	12.28	43	74695	20.626	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	57236	21.294	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	72401	37.077	ug/l #	100
77) Bromobenzene	12.75	156	65624	19.732	ug/l	97
78) n-propylbenzene	12.81	91	335281	19.663	ug/l	99
79) 2-Chlorotoluene	12.90	91	193286	20.098	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	230724	19.726	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	16178	18.326	ug/l	97
82) 4-Chlorotoluene	12.99	91	204261	19.792	ug/l	98
83) tert-Butylbenzene	13.21	119	187617	19.106	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	238164	19.791	ug/l	99
85) sec-Butylbenzene	13.39	105	283281	19.442	ug/l	100
86) p-Isopropyltoluene	13.51	119	247630	19.376	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	133161	20.047	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	131692	19.769	ug/l	99
89) n-Butylbenzene	13.83	91	232002	18.466	ug/l	99
90) Hexachloroethane	14.10	117	46462	19.722	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	120544	20.369	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	10135	21.204	ug/l	93

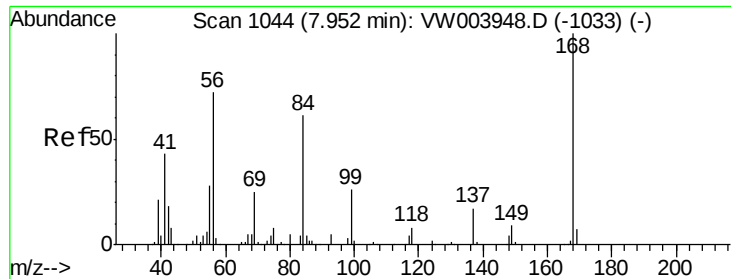
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072318\
Data File : VW004155.D
Acq On : 24 Jul 2018 00:43
Operator : SY/AP
Sample : VW0723SBS02
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jul 24 04:48:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 15:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	78470	18.879	ug/l	99
94) Hexachlorobutadiene	15.24	225	45796	19.188	ug/l	99
95) Naphthalene	15.38	128	150816	19.659	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	73845	20.067	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

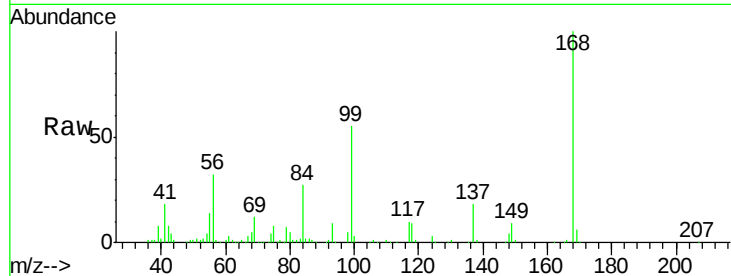
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 243335

Ion Ratio Lower Upper

168 100

99 54.6 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

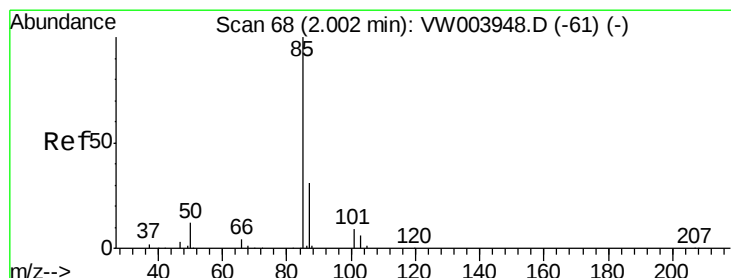
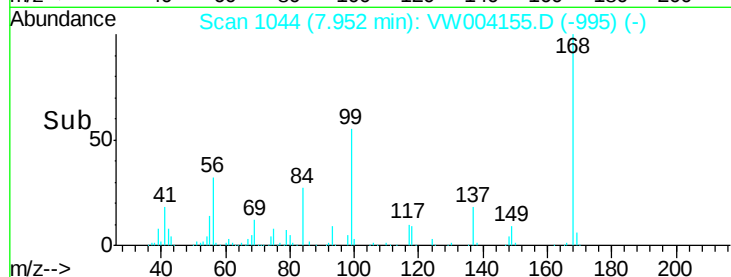
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 15.515 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW004155.D

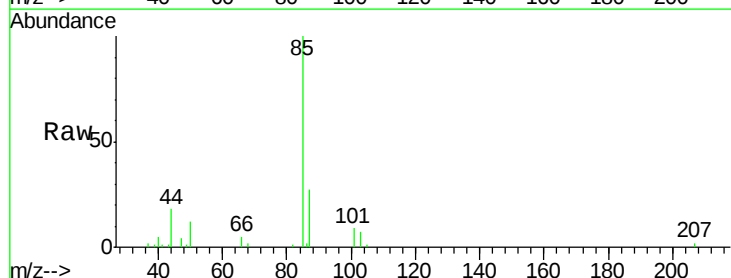
Acq: 24 Jul 2018 00:43

Tgt Ion: 85 Resp: 21202

Ion Ratio Lower Upper

85 100

87 27.5 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

8000

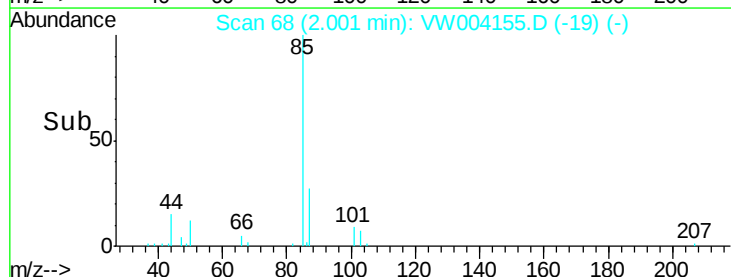
6000

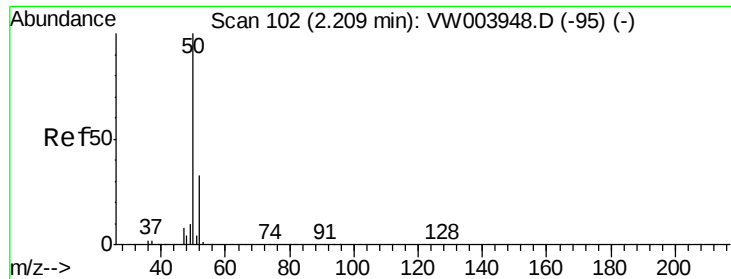
4000

2000

0

Time-->





#3

Chloromethane

Concen: 22.675 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Instrument :

MSVOA_W

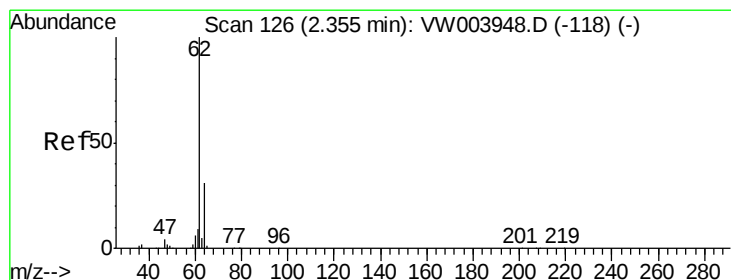
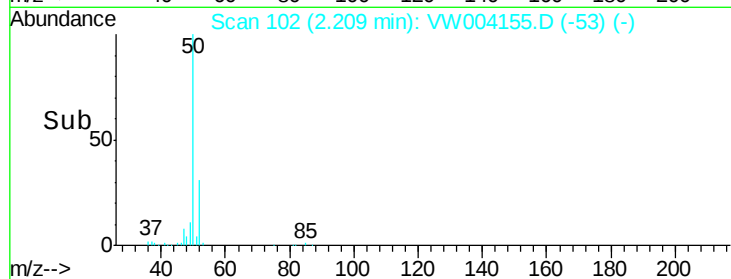
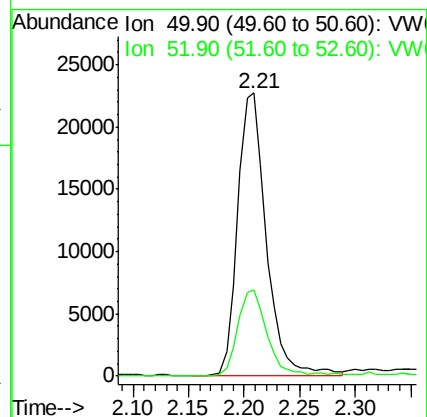
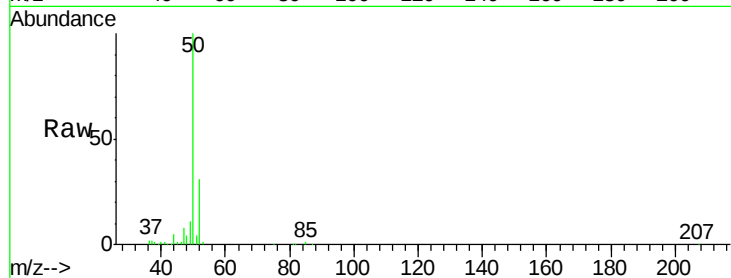
ClientSampled :

Tot Ion: 50 Resp: 40784

Ion Ratio Lower Upper

50 100

52 30.5 26.3 39.5



#4

Vinyl Chloride

Concen: 20.909 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW004155.D

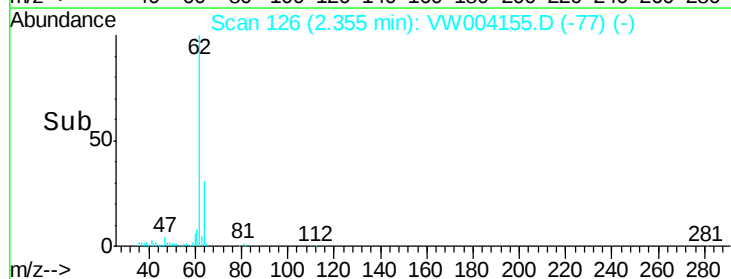
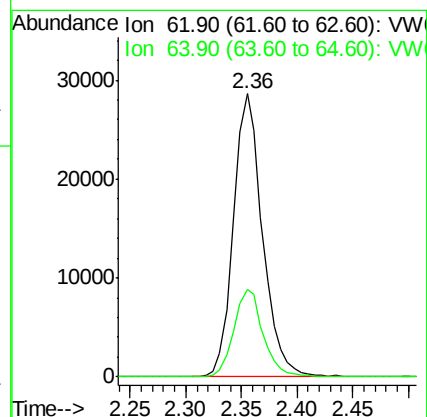
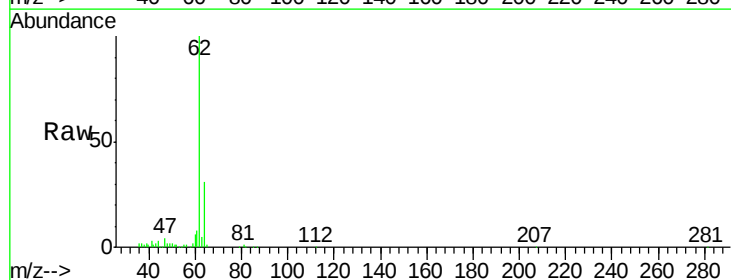
Acq: 24 Jul 2018 00:43

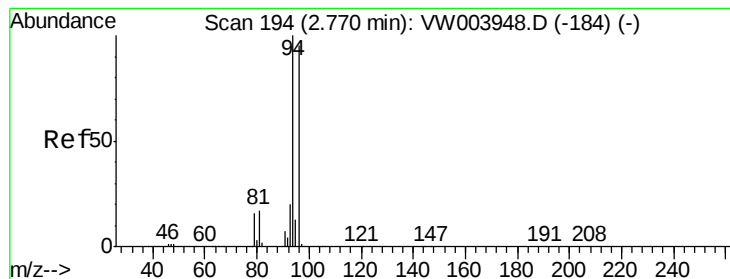
Tgt Ion: 62 Resp: 51728

Ion Ratio Lower Upper

62 100

64 31.1 25.0 37.6





#5

Bromomethane

Concen: 21.195 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Instrument :

MSVOA_W

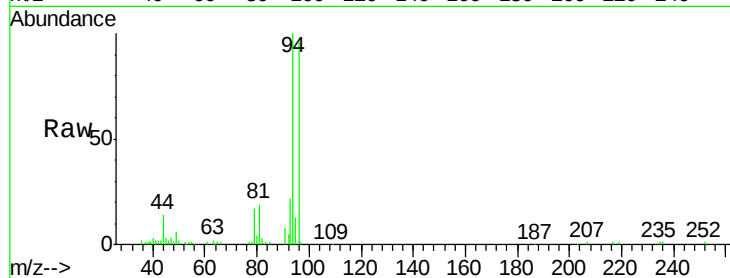
ClientSampleId :

Tot Ion: 94 Resp: 32774

Ion Ratio Lower Upper

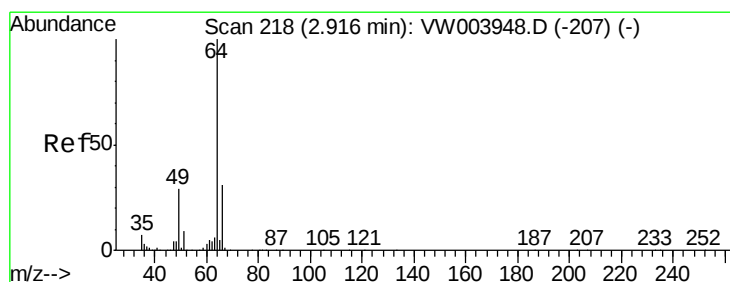
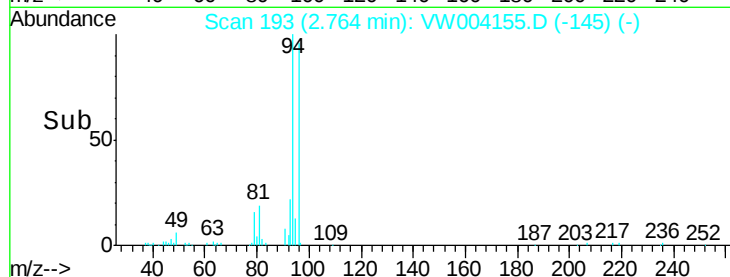
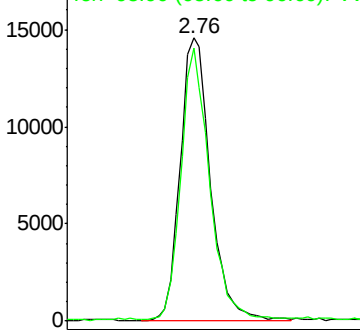
94 100

96 95.8 75.8 113.6



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 19.790 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.00 min

Lab File: VW004155.D

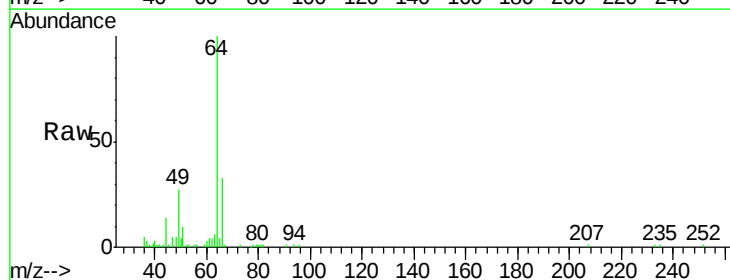
Acq: 24 Jul 2018 00:43

Tgt Ion: 64 Resp: 27817

Ion Ratio Lower Upper

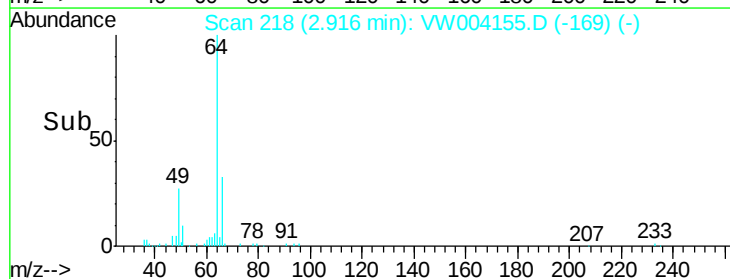
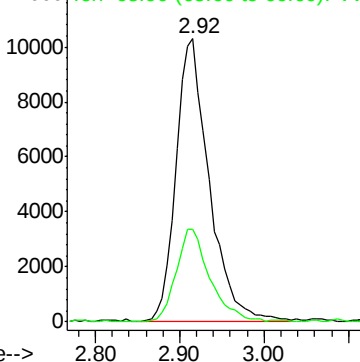
64 100

66 32.8 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



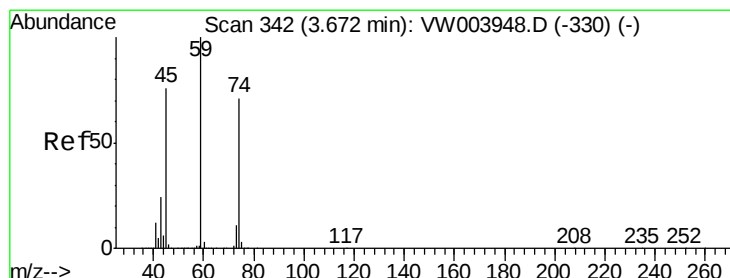
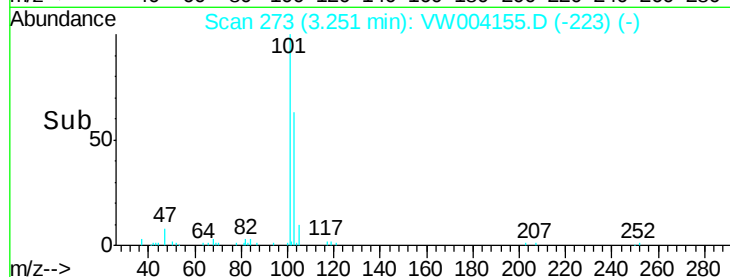
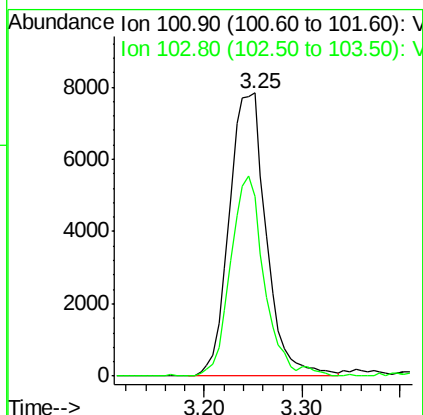
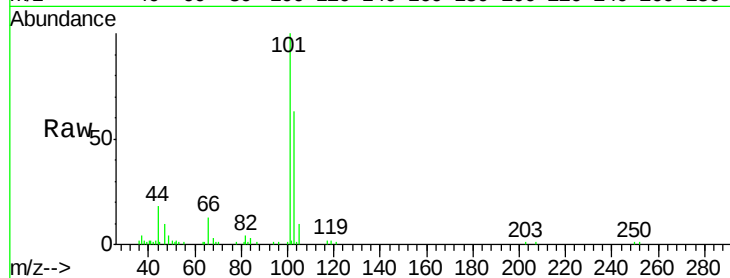


#7

Trichlorofluoromethane
 Concen: 19.850 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.01 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

Instrument :
 MSVOA_W
 ClientSampleId :

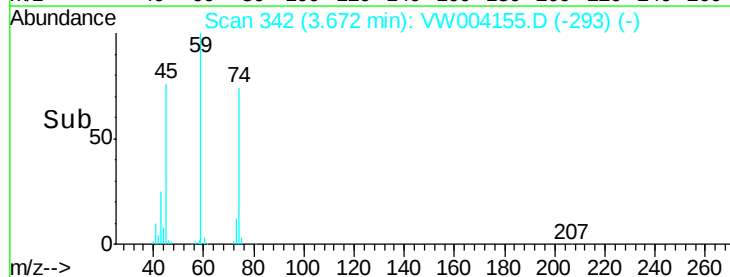
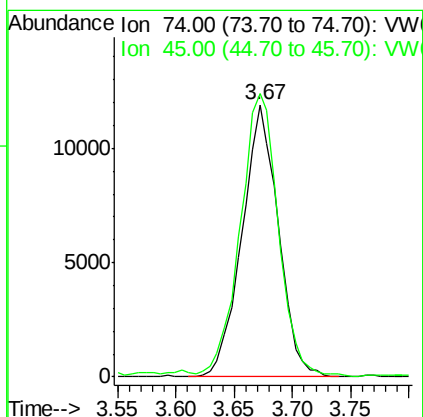
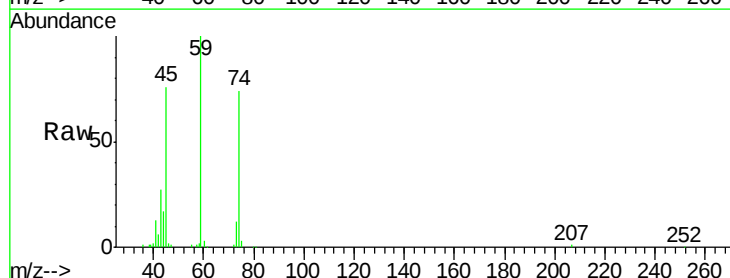
Tot Ion:101 Resp: 20617
 Ion Ratio Lower Upper
 101 100
 103 63.4 49.0 73.6

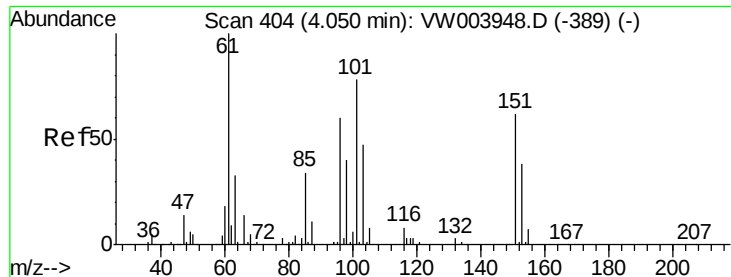


#8

Diethyl Ether
 Concen: 21.419 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

Tgt Ion: 74 Resp: 25823
 Ion Ratio Lower Upper
 74 100
 45 110.1 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.054 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Instrument :

MSVOA_W

ClientSampled :

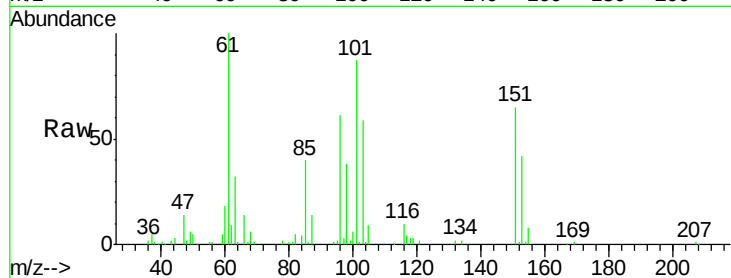
Tot Ion:101 Resp: 50460

Ion Ratio Lower Upper

101 100

85 45.7 35.8 53.6

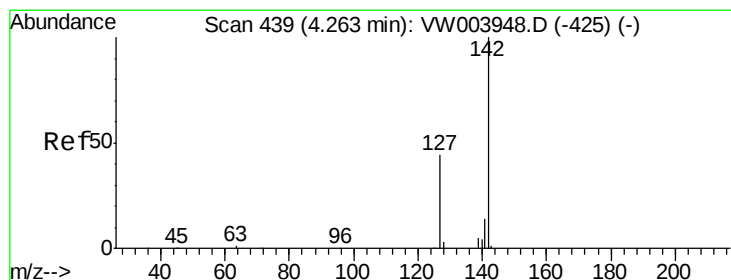
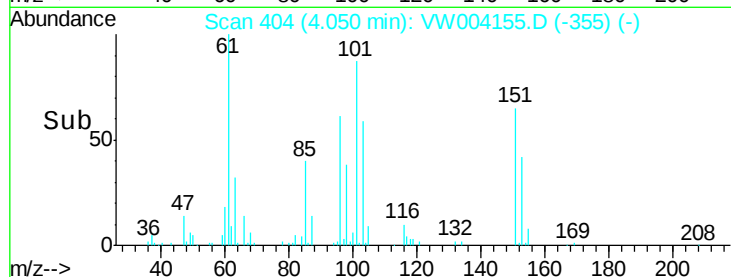
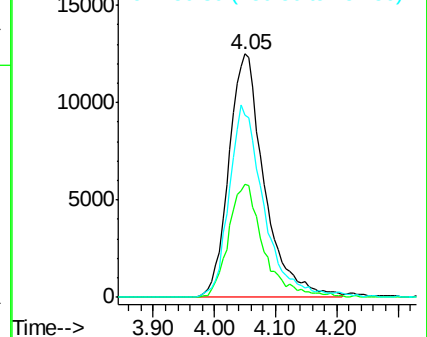
151 76.3 63.6 95.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.177 ug/l

RT: 4.26 min Scan# 438

Delta R.T. -0.01 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

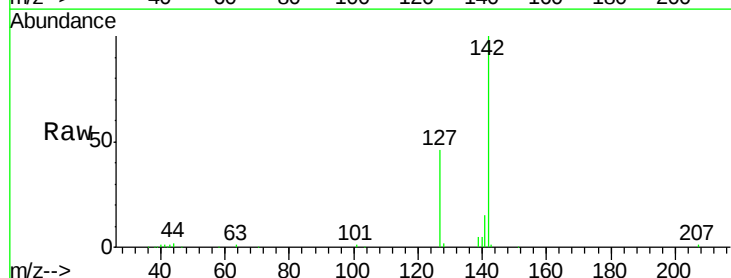
Tgt Ion:142 Resp: 72895

Ion Ratio Lower Upper

142 100

127 44.5 35.4 53.2

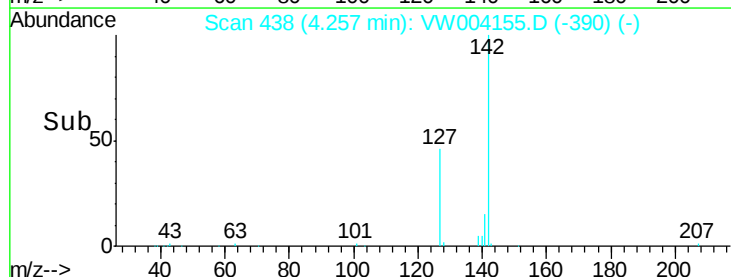
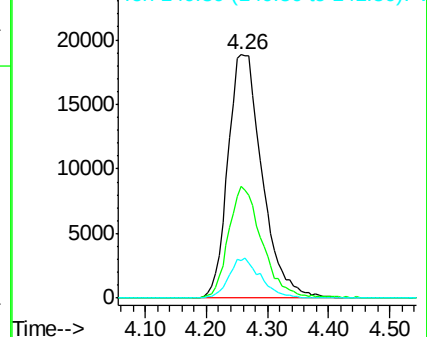
141 15.2 11.7 17.5

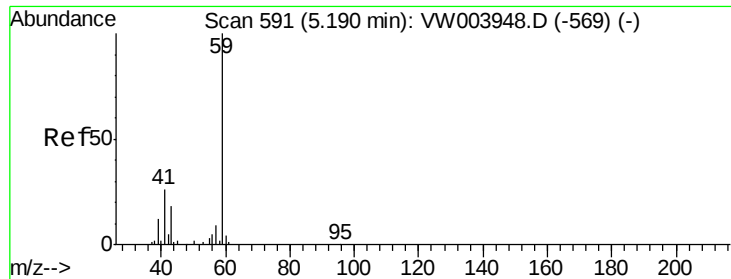


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



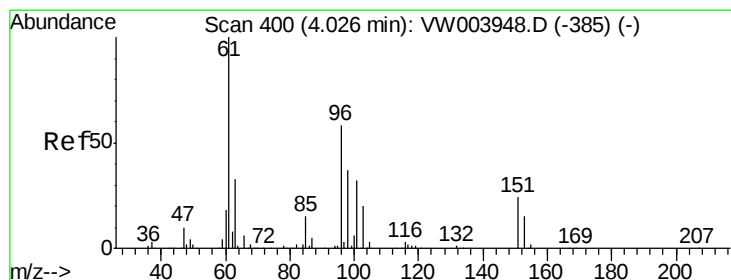
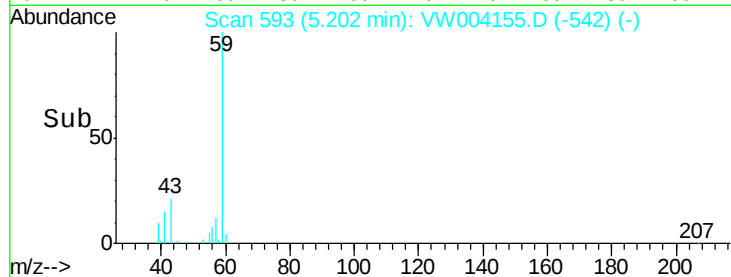
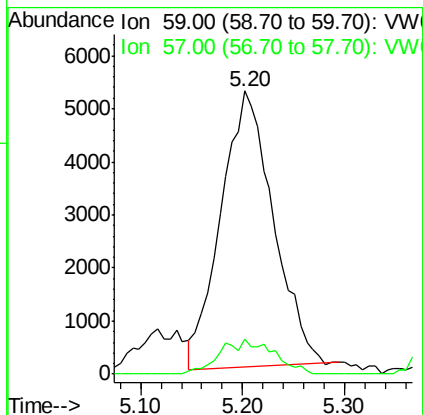
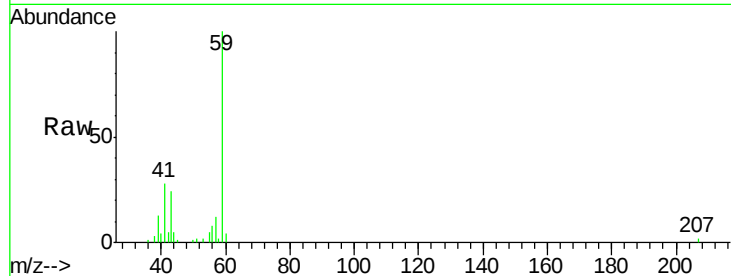


#11

Tert butyl alcohol
 Concen: 98.786 ug/l
 RT: 5.20 min Scan# 593
 Delta R.T. 0.01 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

Instrument :
 MSVOA_W
 ClientSampled :

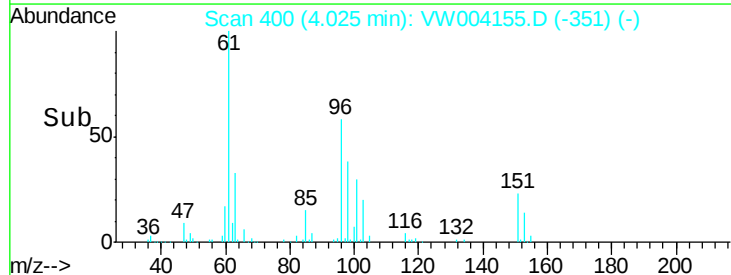
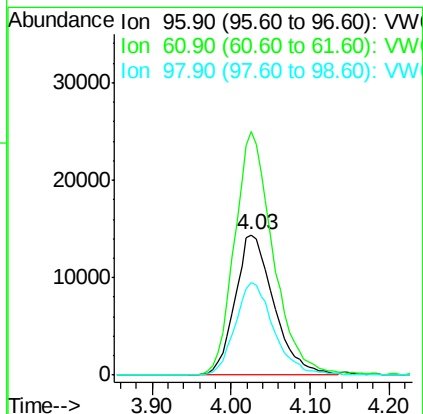
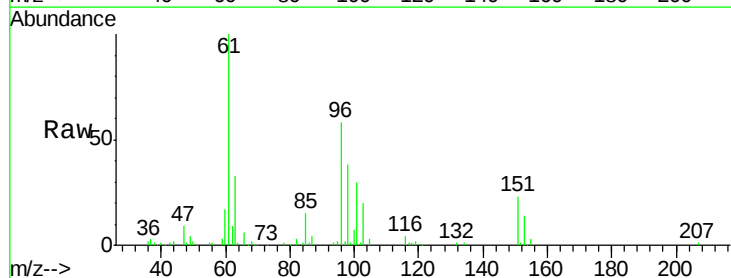
Tot Ion: 59 Resp: 18549
 Ion Ratio Lower Upper
 59 100
 57 5.3 8.5 12.7#

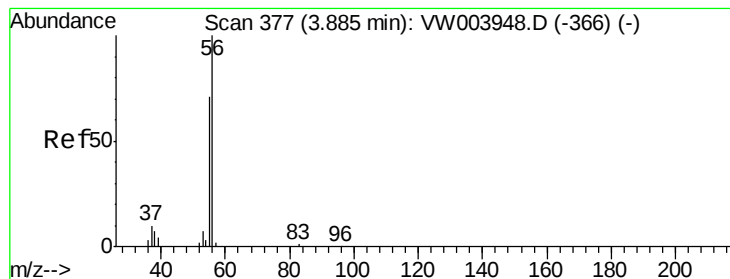


#12

1,1-Dichloroethene
 Concen: 20.854 ug/l
 RT: 4.03 min Scan# 400
 Delta R.T. -0.00 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

Tgt Ion: 96 Resp: 49316
 Ion Ratio Lower Upper
 96 100
 61 173.3 137.0 205.6
 98 65.7 50.2 75.4





#13

Acrolein

Concen: 95.464 ug/l

RT: 3.89 min Scan# 377

Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Instrument :

MSVOA_W

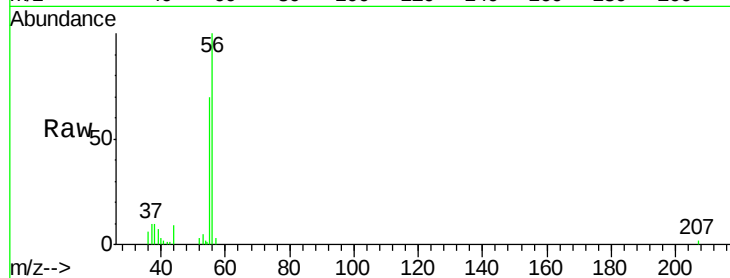
ClientSampleId :

Tot Ion: 56 Resp: 18418

Ion Ratio Lower Upper

56 100

55 71.6 58.2 87.4



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.89

8000

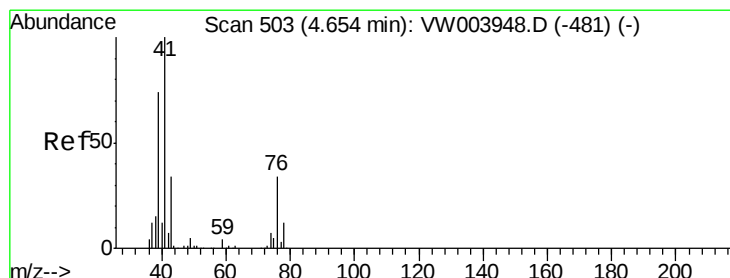
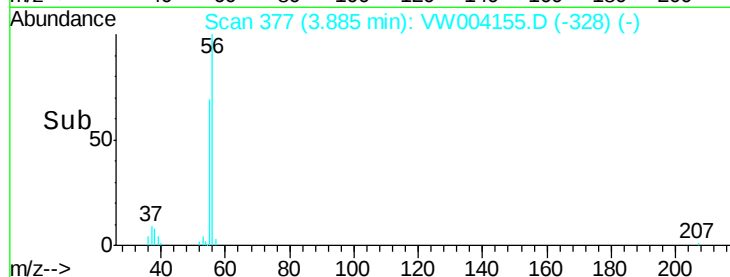
6000

4000

2000

0

Time-->



#14

Allyl chloride

Concen: 21.006 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

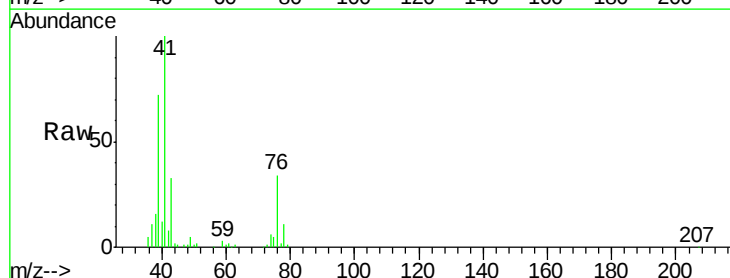
Tgt Ion: 41 Resp: 81998

Ion Ratio Lower Upper

41 100

39 70.1 57.0 85.4

76 33.6 26.5 39.7



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

4.65

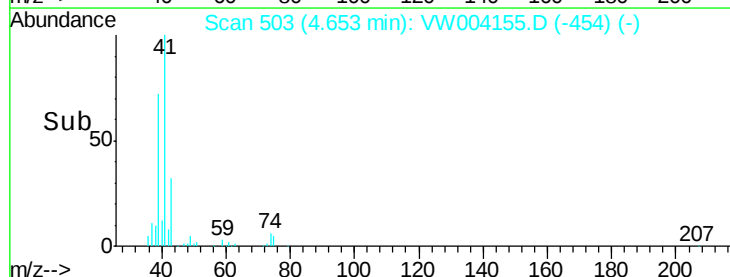
30000

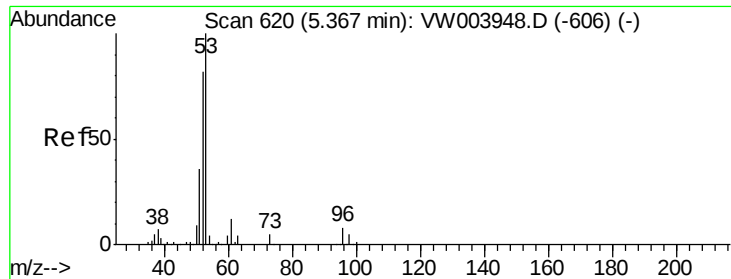
20000

10000

0

Time-->





#15

Acrylonitrile

Concen: 113.959 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.01 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :

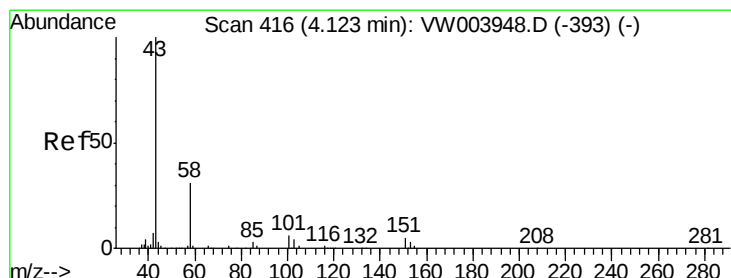
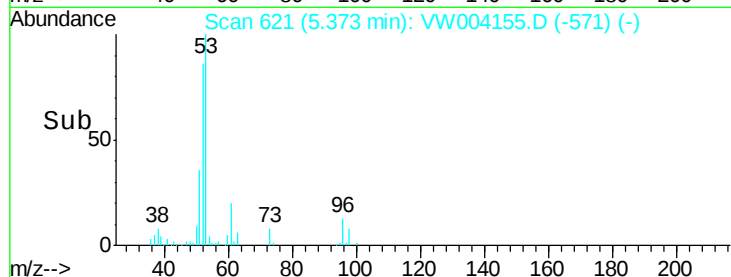
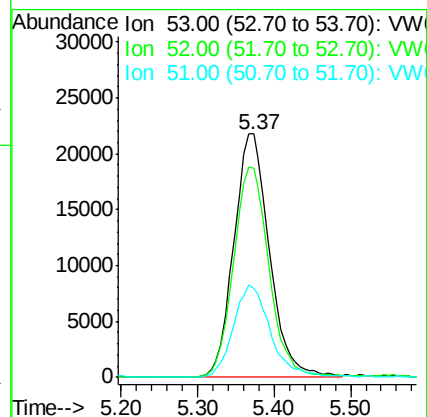
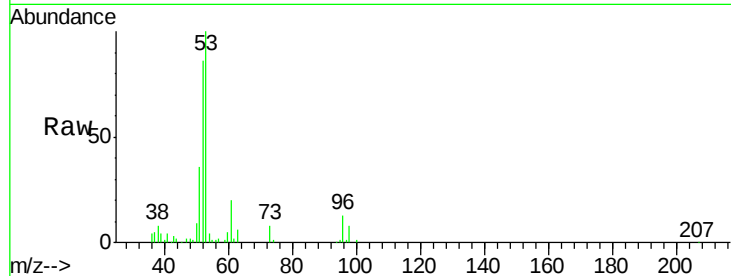
Tot Ion: 53 Resp: 70402

Ion Ratio Lower Upper

53 100

52 85.8 66.1 99.1

51 39.4 29.8 44.6



#16

Acetone

Concen: 92.578 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW004155.D

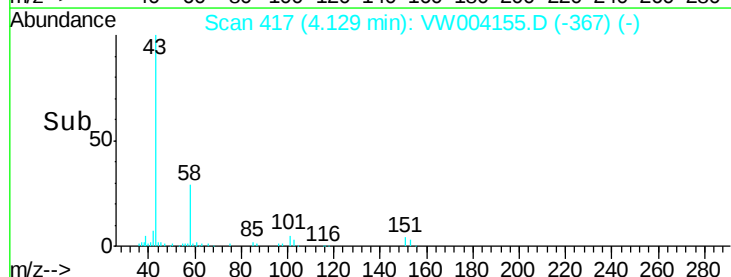
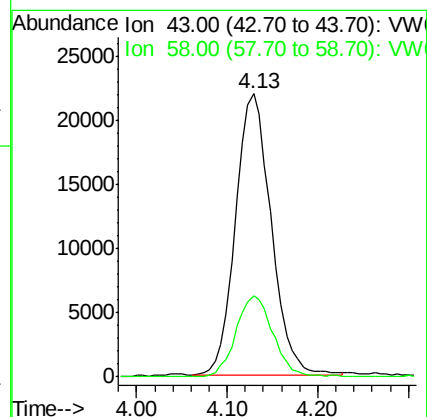
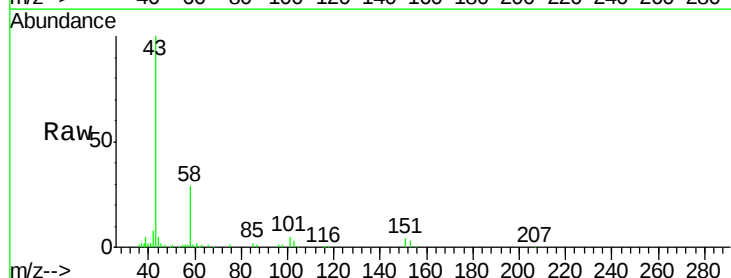
Acq: 24 Jul 2018 00:43

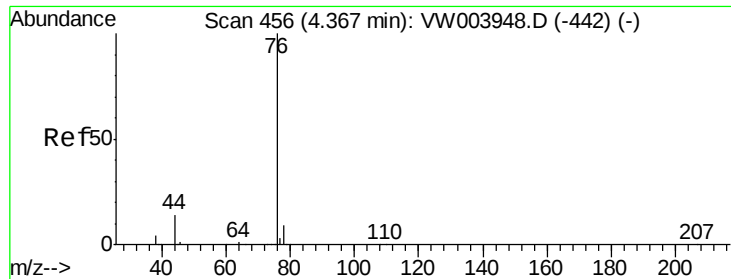
Tgt Ion: 43 Resp: 60510

Ion Ratio Lower Upper

43 100

58 28.7 24.5 36.7

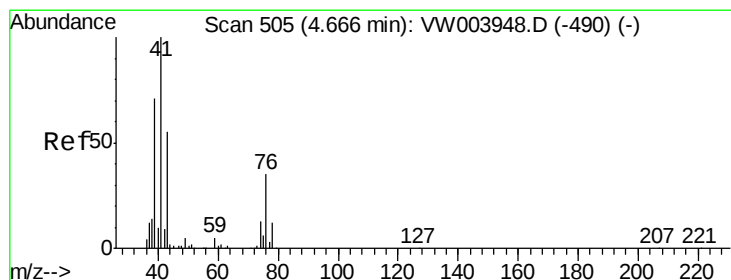
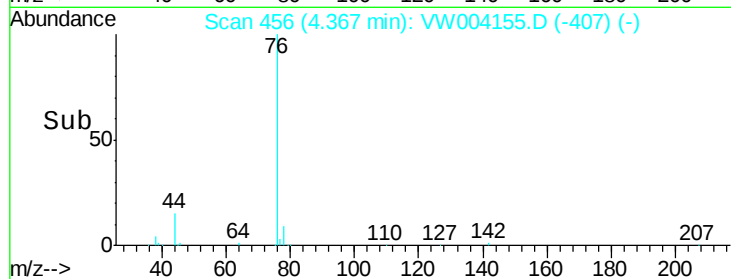
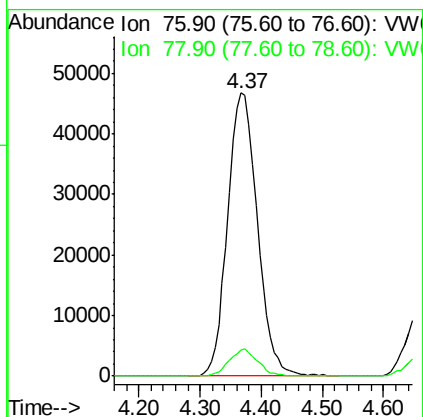
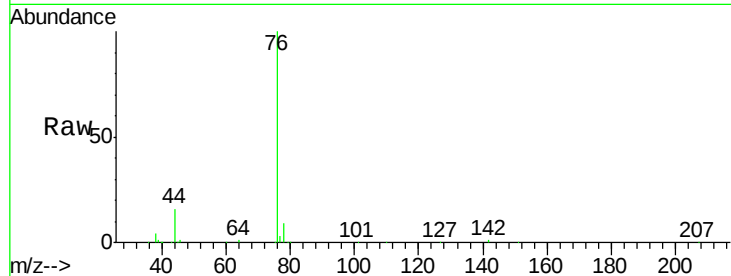




#17
Carbon Disulfide
Concen: 21.321 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

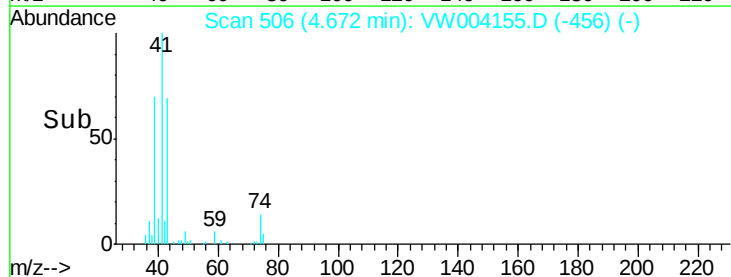
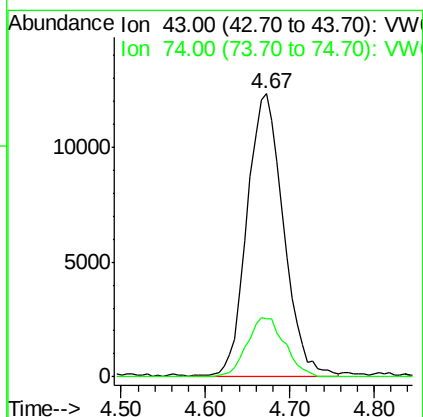
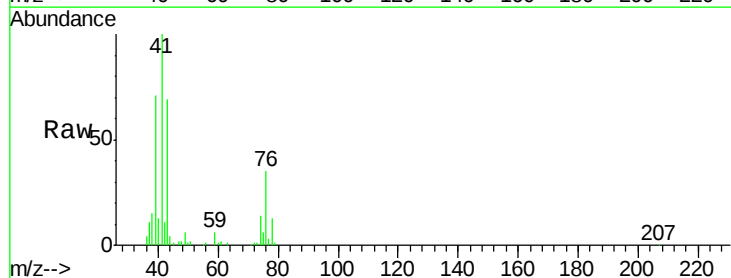
Instrument :
MSVOA_W
ClientSampled :

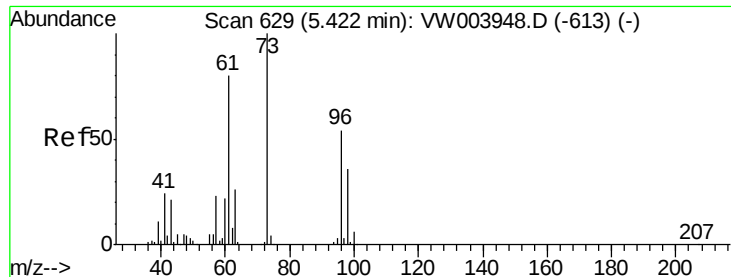
Tot Ion: 76 Resp: 157382
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 23.259 ug/l
RT: 4.67 min Scan# 506
Delta R.T. 0.01 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Tgt Ion: 43 Resp: 36492
Ion Ratio Lower Upper
43 100
74 21.5 17.7 26.5

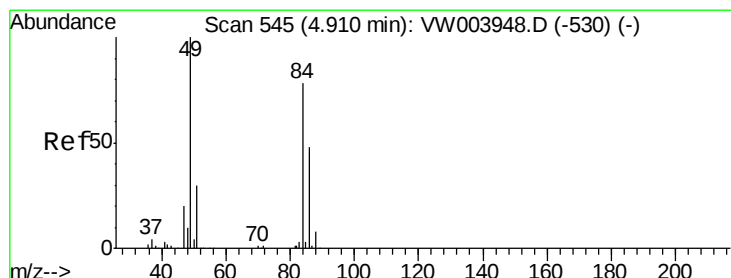
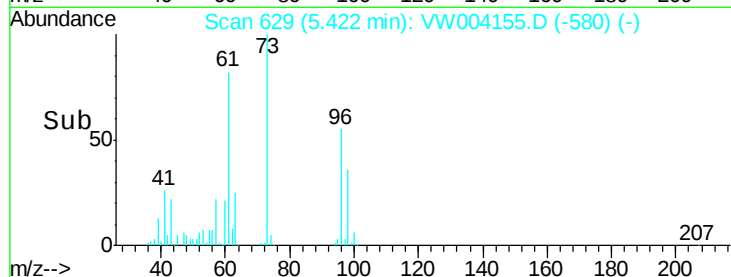
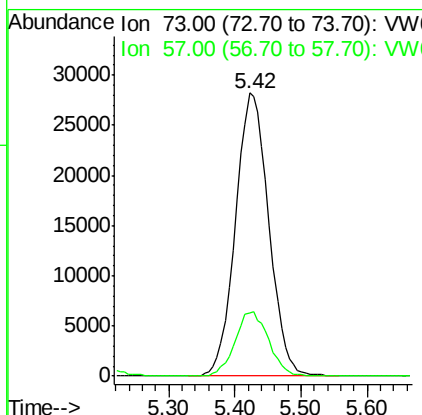
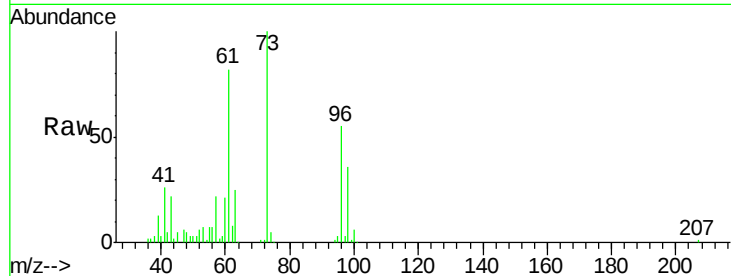




#19
Methyl tert-butyl Ether
Concen: 21.726 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

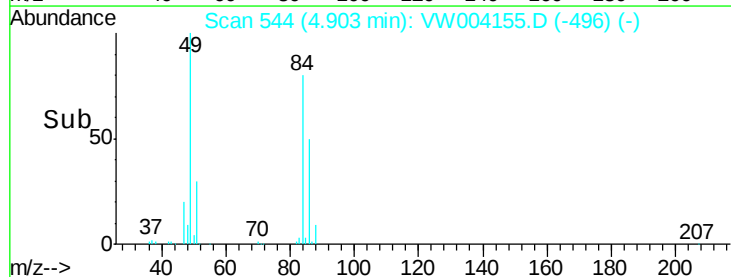
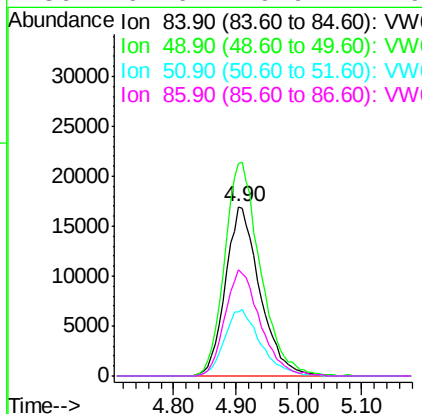
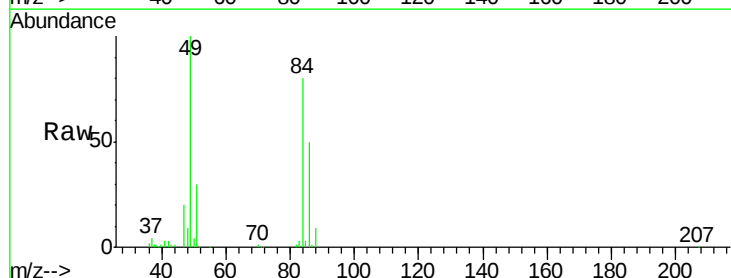
Instrument :
MSVOA_W
ClientSampled :

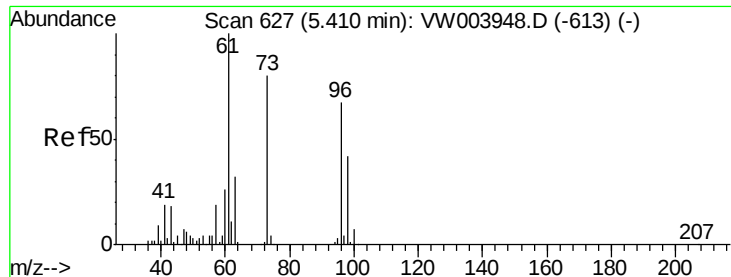
Tot Ion: 73 Resp: 98466
Ion Ratio Lower Upper
73 100
57 22.4 18.2 27.4



#20
Methylene Chloride
Concen: 17.160 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Tgt Ion: 84 Resp: 64416
Ion Ratio Lower Upper
84 100
49 125.6 102.9 154.3
51 38.1 30.9 46.3
86 62.6 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 21.691 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.01 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

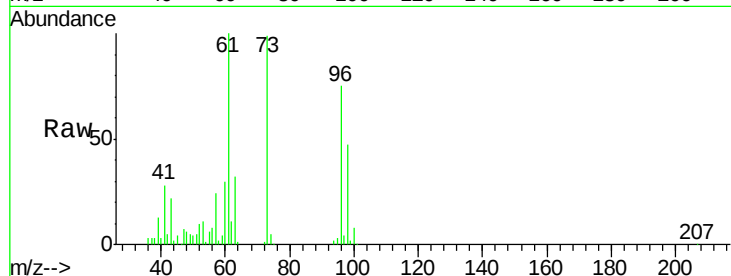
Tot Ion: 96 Resp: 56228

Ion Ratio Lower Upper

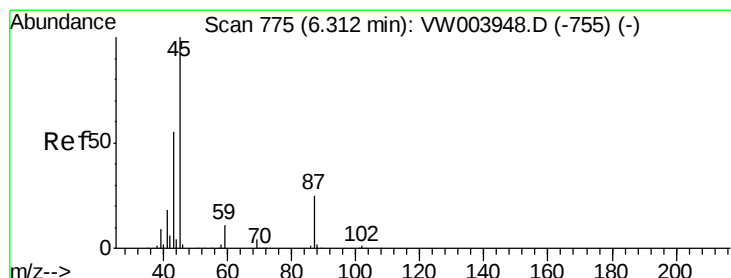
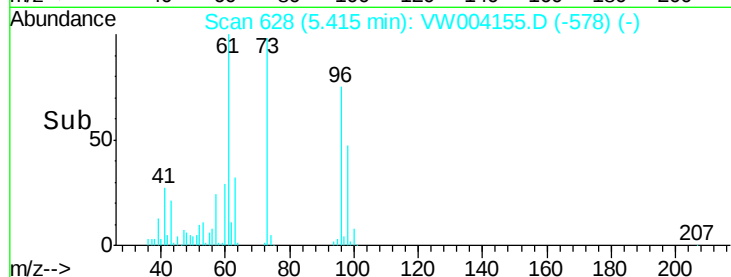
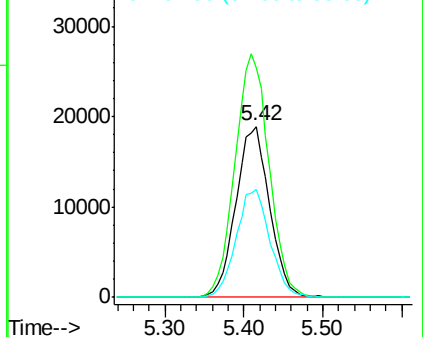
96 100

61 134.1 119.0 178.4

98 63.1 49.9 74.9



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: 23.210 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Tgt Ion: 45 Resp: 183102

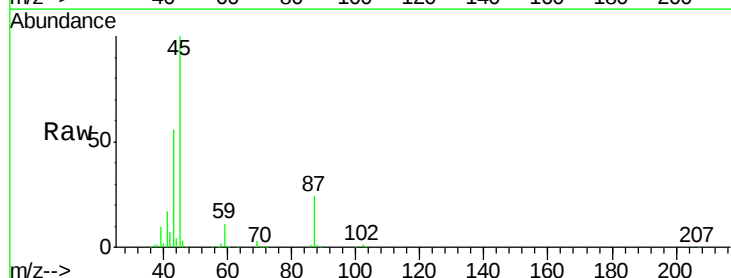
Ion Ratio Lower Upper

45 100

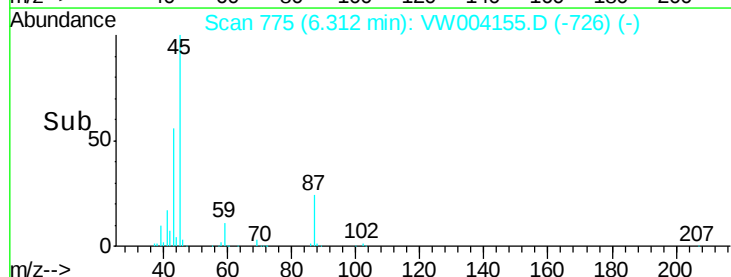
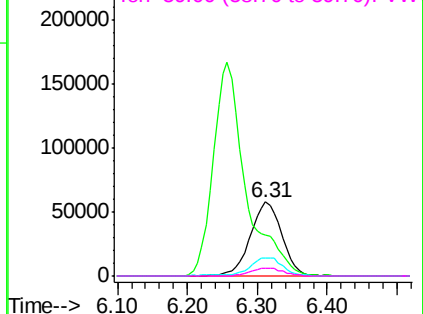
43 55.6 44.3 66.5

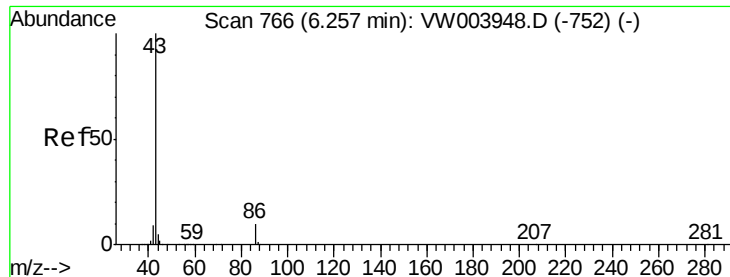
87 24.0 20.2 30.4

59 11.2 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: 108.010 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Instrument :

MSVOA_W

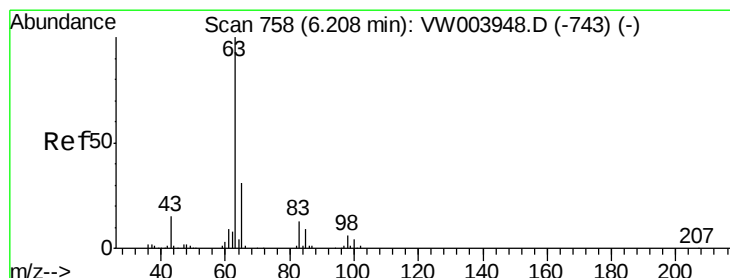
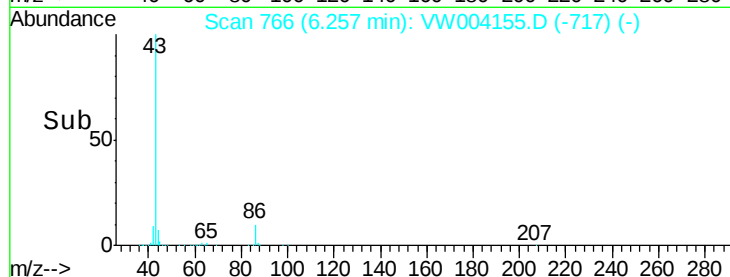
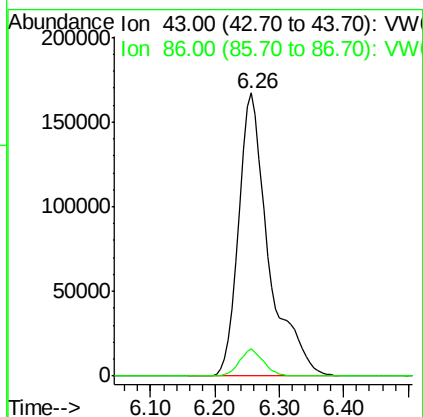
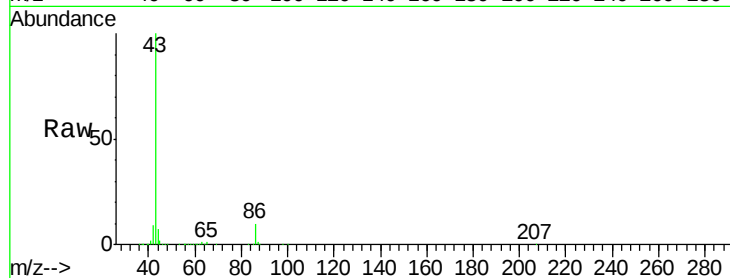
ClientSampleId :

Tot Ion: 43 Resp: 539896

Ion Ratio Lower Upper

43 100

86 9.6 7.6 11.4



#24

1,1-Dichloroethane

Concen: 22.114 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.01 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

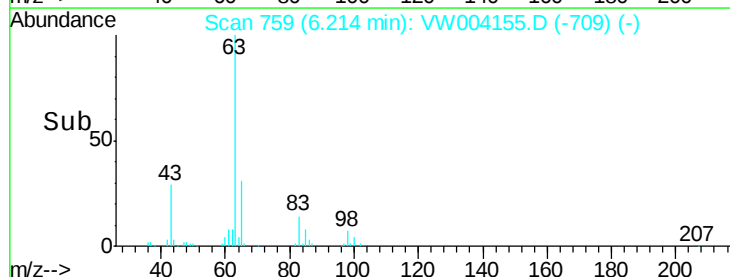
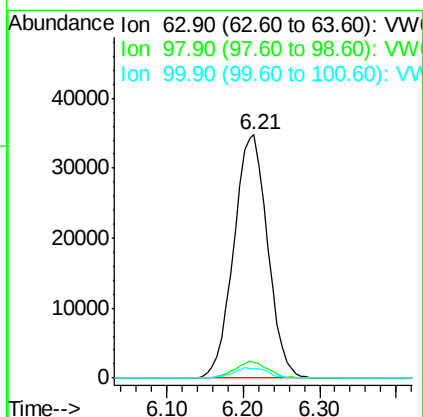
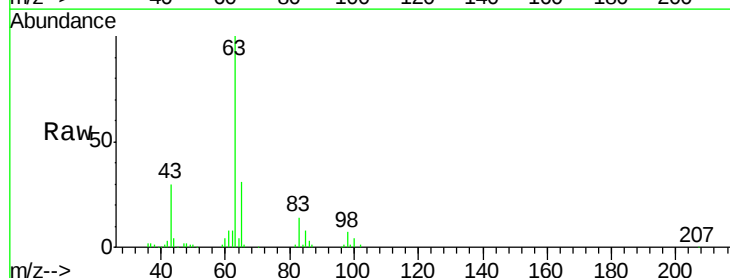
Tgt Ion: 63 Resp: 106446

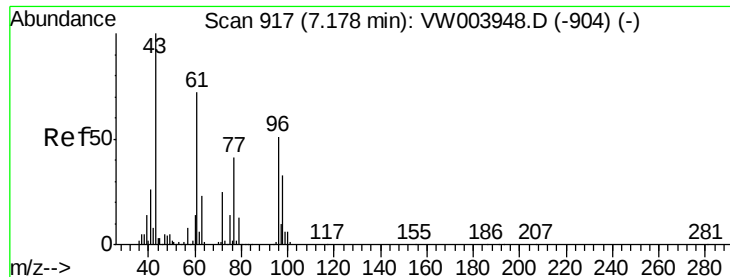
Ion Ratio Lower Upper

63 100

98 6.6 3.1 9.4

100 3.8 2.1 6.5





#25

2-Butanone

Concen: 108.873 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Instrument :

MSVOA_W

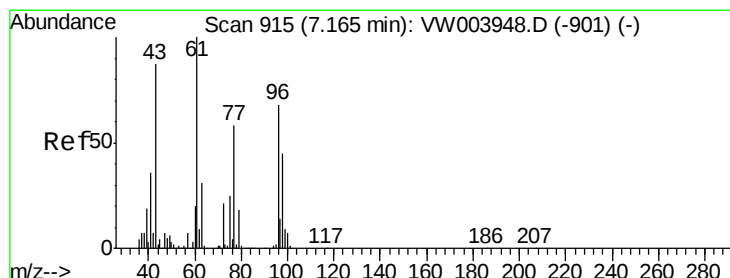
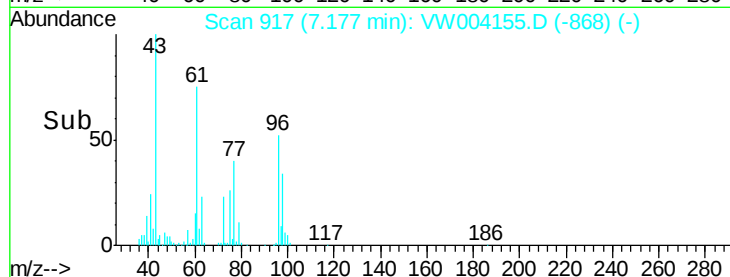
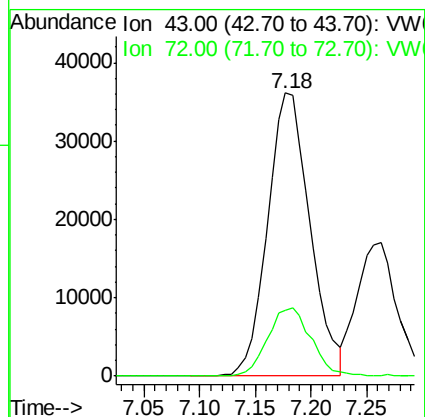
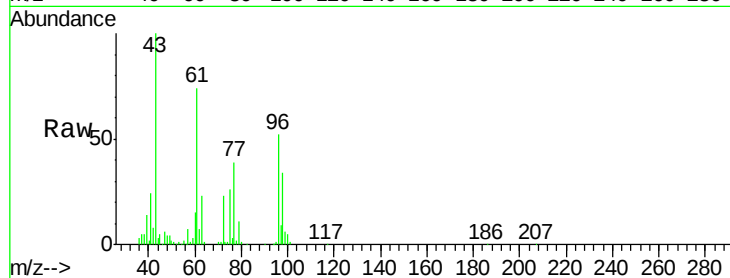
ClientSampled :

Tot Ion: 43 Resp: 95762

Ion Ratio Lower Upper

43 100

72 23.4 19.8 29.6



#26

2,2-Dichloropropane

Concen: 18.229 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW004155.D

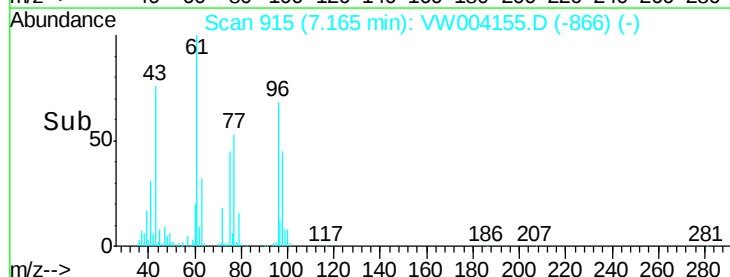
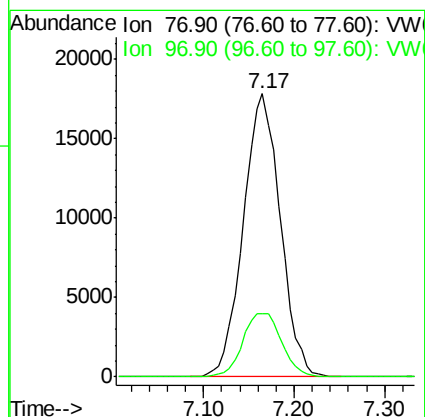
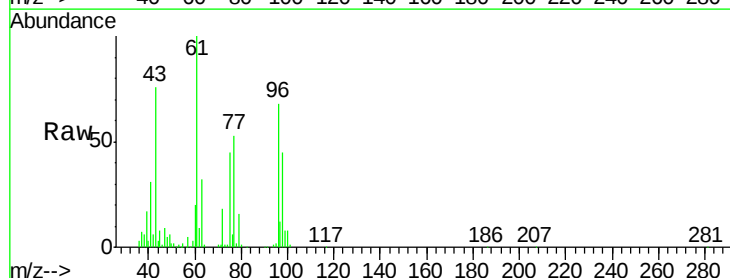
Acq: 24 Jul 2018 00:43

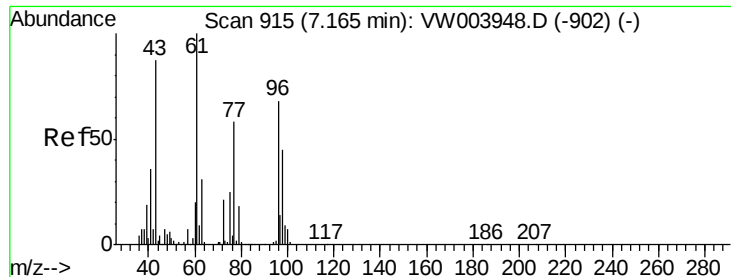
Tgt Ion: 77 Resp: 50369

Ion Ratio Lower Upper

77 100

97 23.6 11.8 35.3



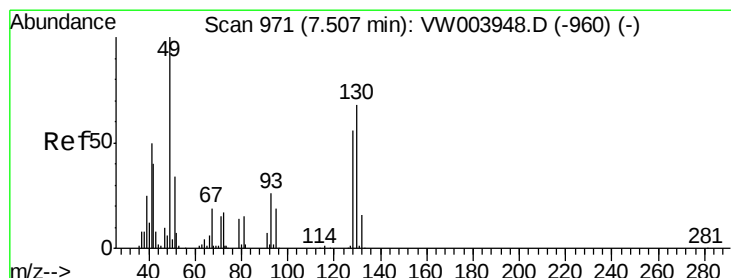
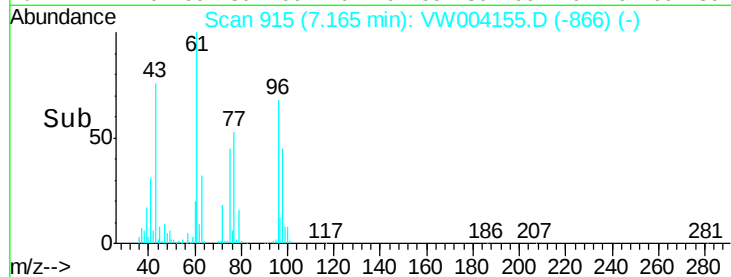
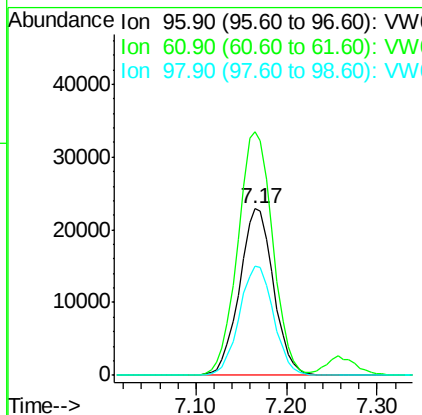
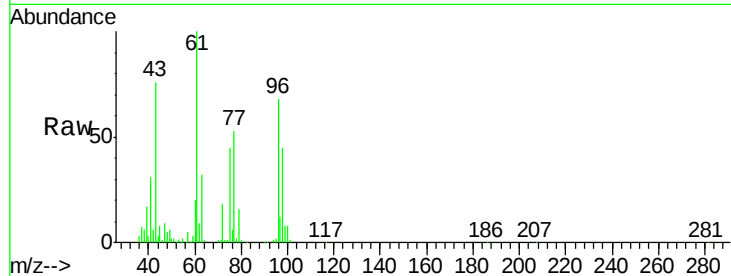


#27

cis-1,2-Dichloroethene
 Concen: 21.199 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

Instrument :
 MSVOA_W
 ClientSampleId :

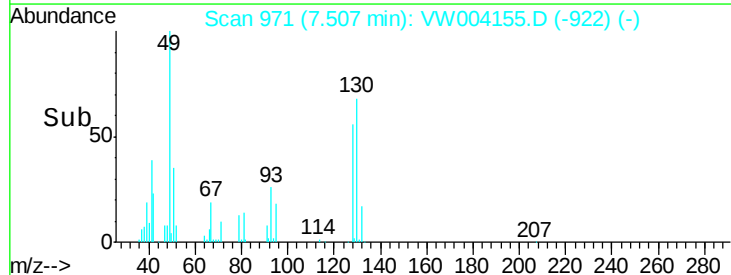
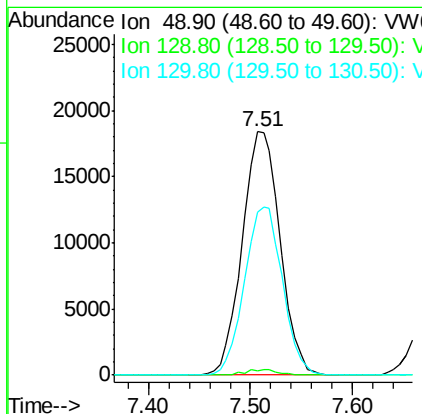
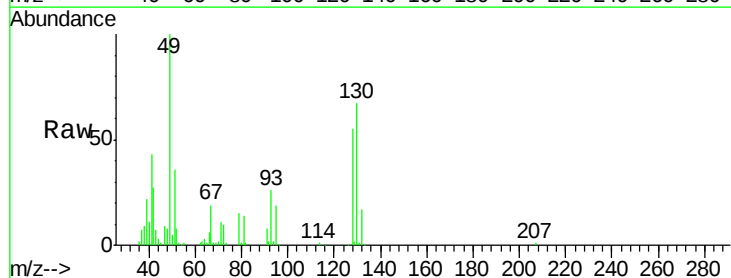
Tot Ion	96	Resp	59405
Ion	Ratio	Lower	Upper
96	100		
61	150.0	0.0	298.6
98	66.0	0.0	130.4

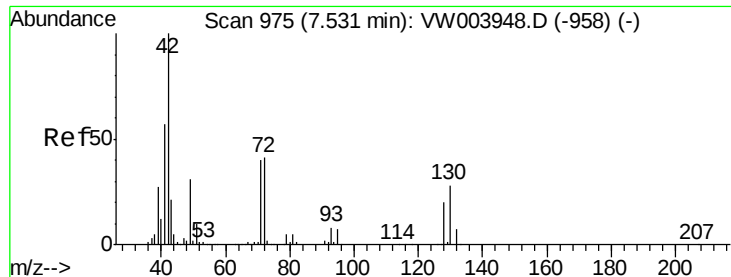


#28

Bromochloromethane
 Concen: 24.109 ug/l
 RT: 7.51 min Scan# 971
 Delta R.T. -0.00 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

Tgt Ion	49	Resp	47494
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	2.2
130	69.2	58.3	87.5

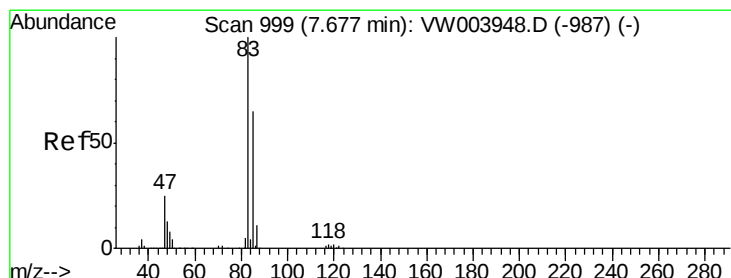
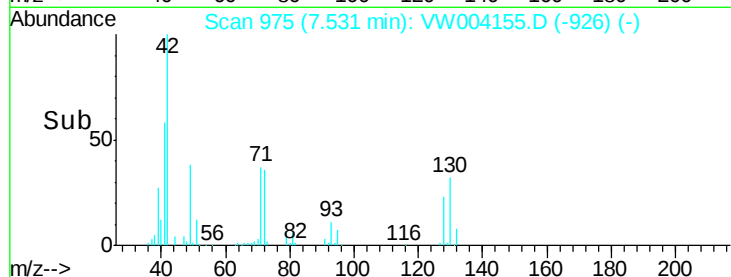
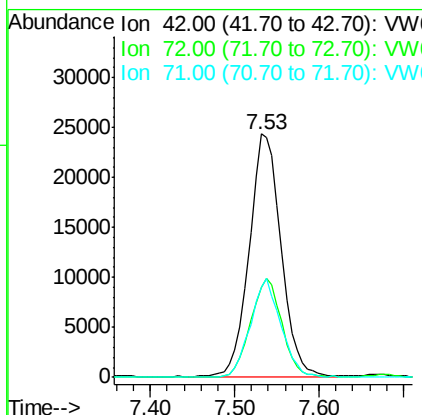
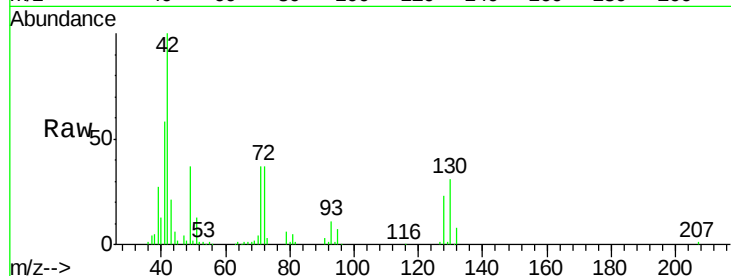




#29
Tetrahydrofuran
Concen: 114.737 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

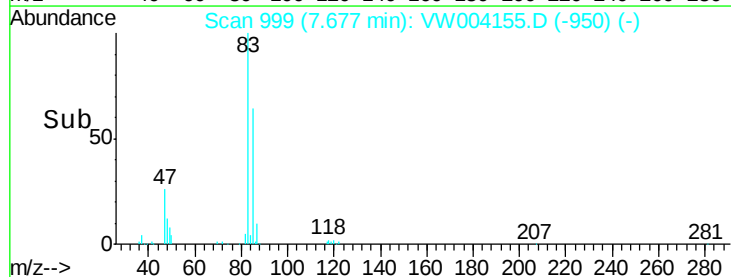
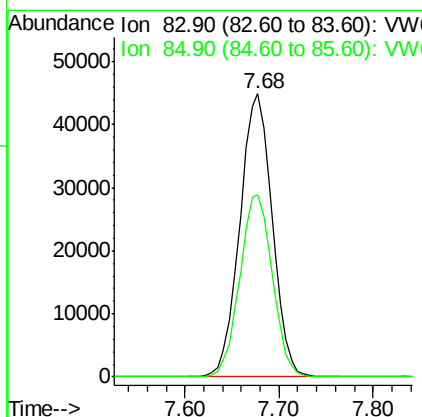
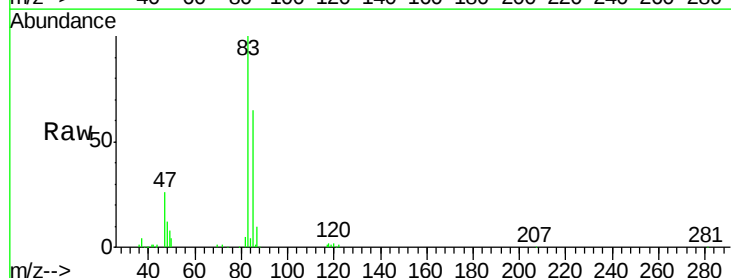
Instrument :
MSVOA_W
ClientSampled :

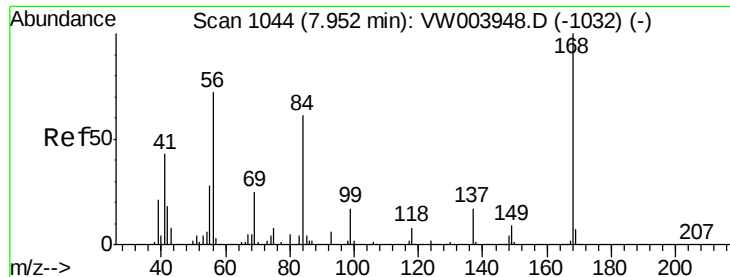
Tot Ion: 42 Resp: 62863
Ion Ratio Lower Upper
42 100
72 40.1 32.6 48.8
71 38.8 30.5 45.7



#30
Chloroform
Concen: 22.431 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Tgt Ion: 83 Resp: 107402
Ion Ratio Lower Upper
83 100
85 64.6 52.2 78.4





#31

Cyclohexane

Concen: 20.740 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :

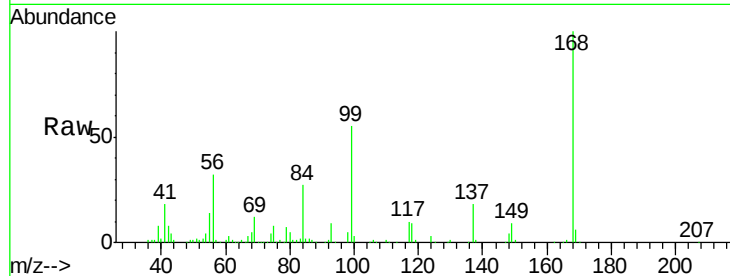
Tot Ion: 56 Resp: 93584

Ion Ratio Lower Upper

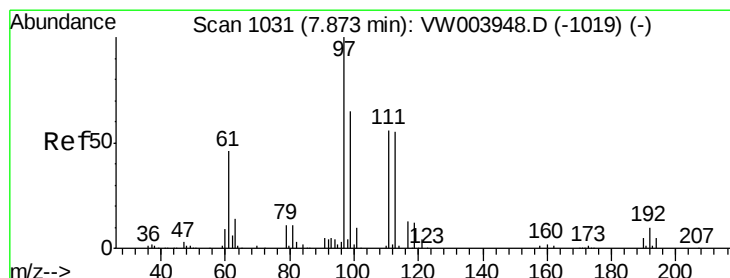
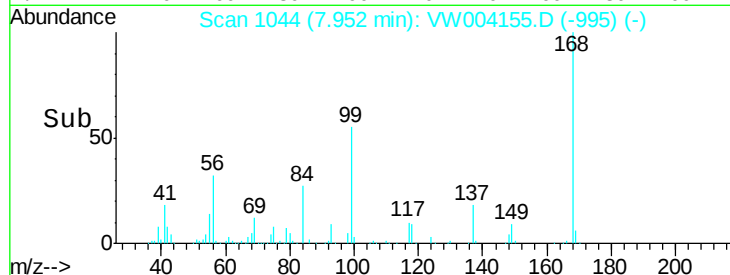
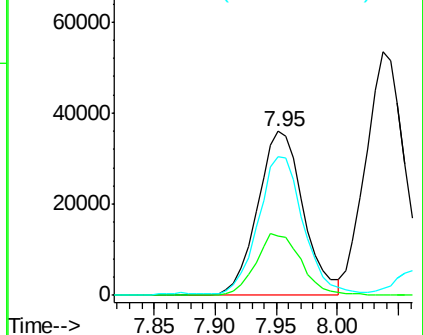
56 100

69 36.6 27.8 41.8

84 83.8 67.2 100.8



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



#32

1,1,1-Trichloroethane

Concen: 21.376 ug/l

RT: 7.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

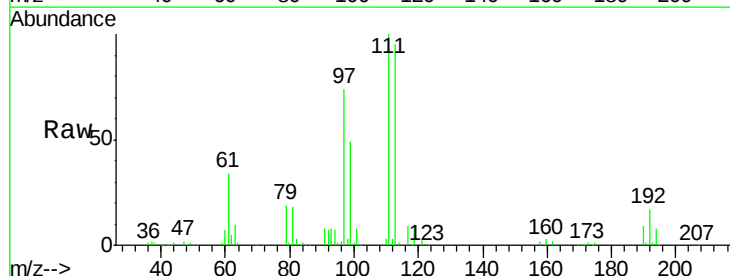
Tgt Ion: 97 Resp: 79922

Ion Ratio Lower Upper

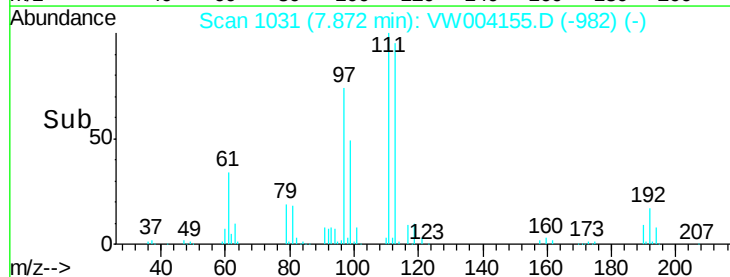
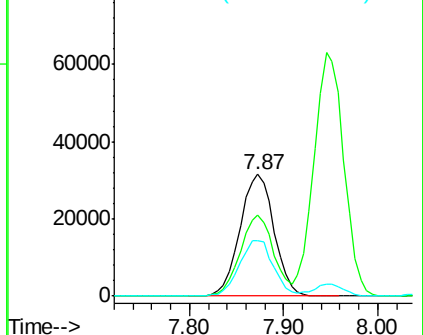
97 100

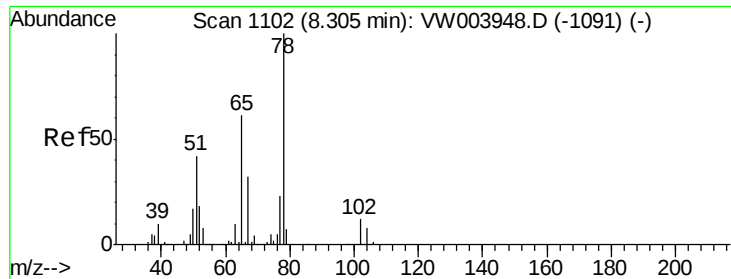
99 65.6 51.3 76.9

61 45.5 36.8 55.2



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

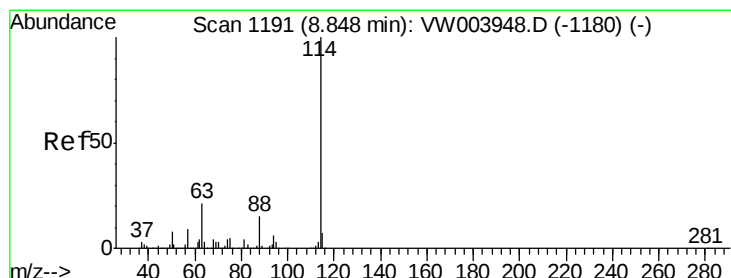
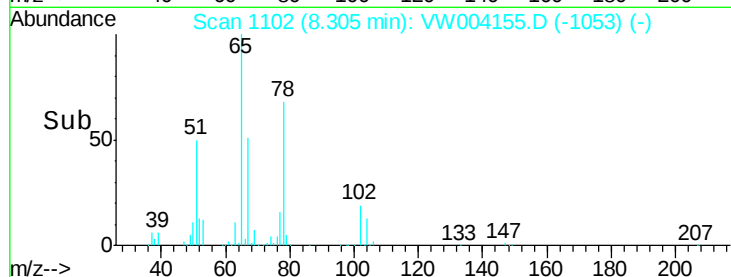
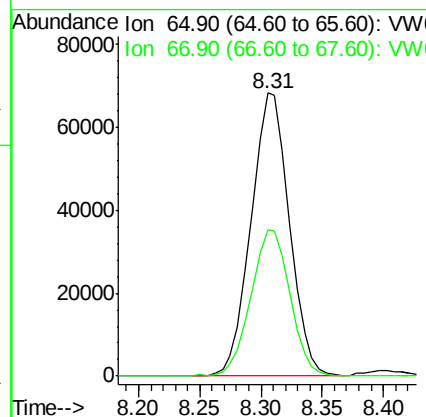
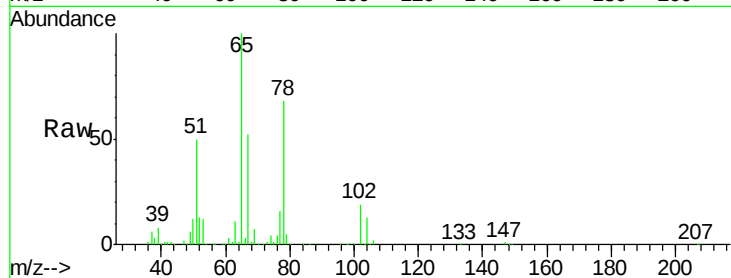




#33
 1,2-Dichloroethane-d4
 Concen: 54.873 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

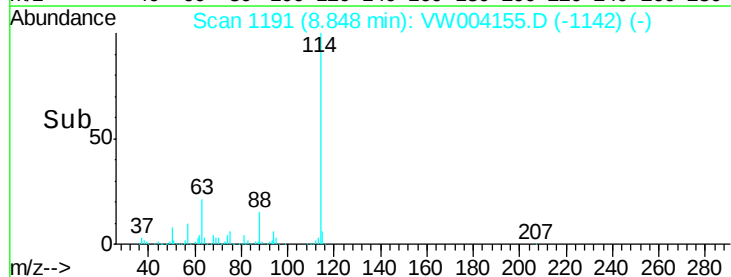
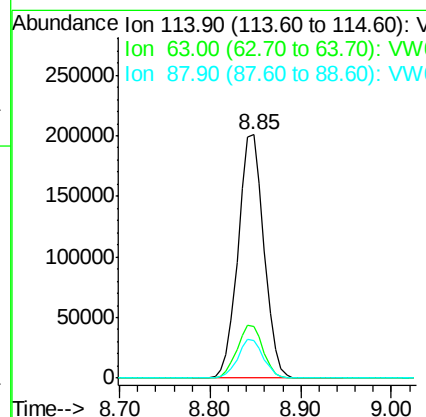
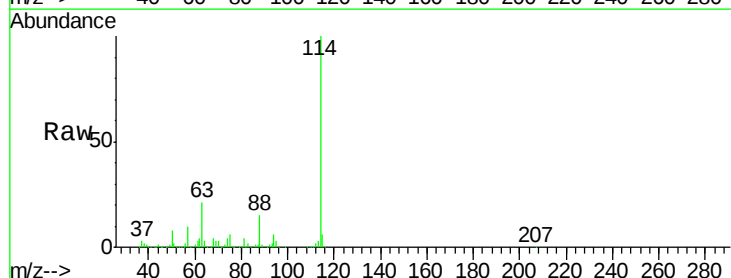
Instrument :
 MSVOA_W
 ClientSampleId :

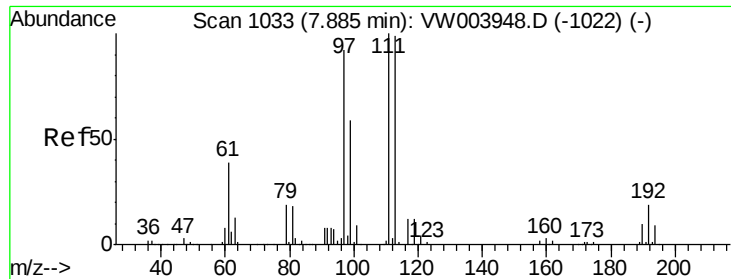
Tot Ion: 65 Resp: 149255
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

Tgt Ion: 114 Resp: 396384
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.8
 88 15.5 0.0 30.4

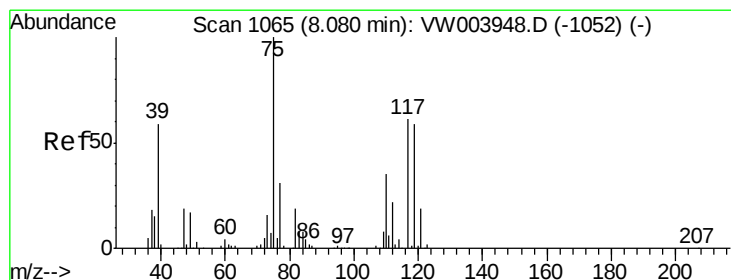
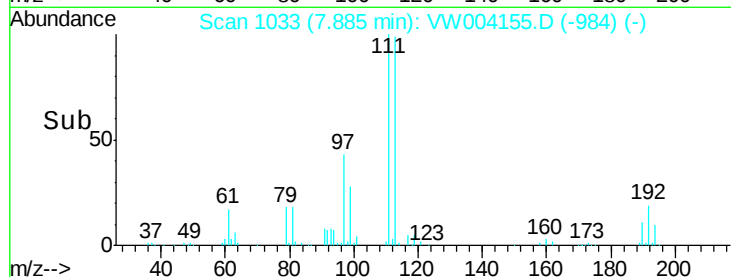
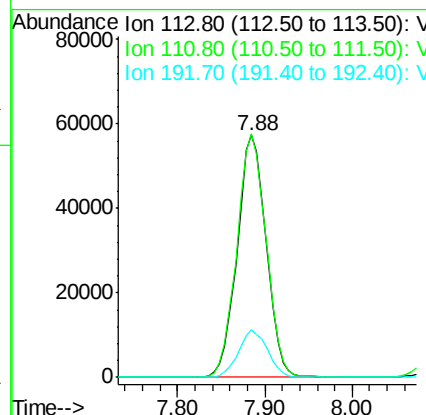
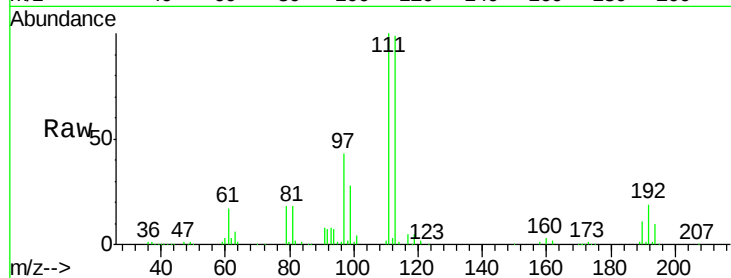




#35
 Dibromofluoromethane
 Concen: 52.095 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

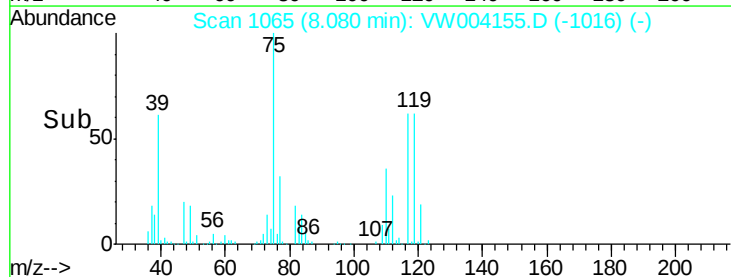
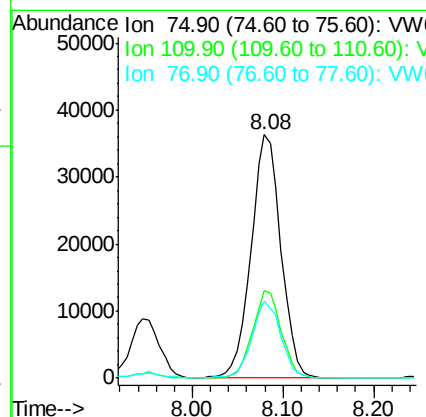
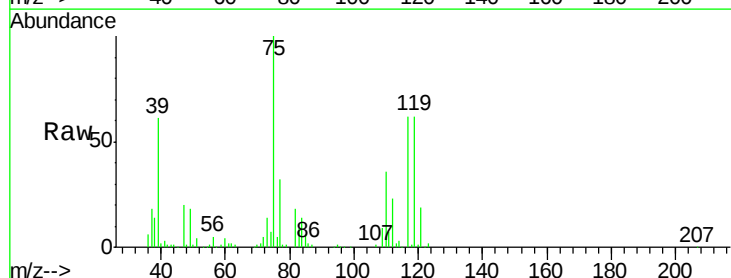
Instrument :
 MSVOA_W
 ClientSampleId :

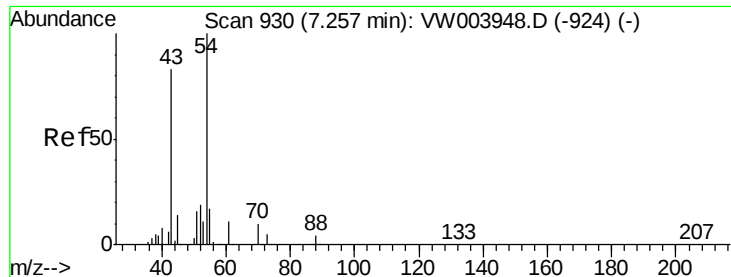
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.3	121.9
192	19.5	15.8	23.6



#36
 1,1-Dichloropropene
 Concen: 20.303 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.3	17.0	51.0
77	30.8	24.9	37.3

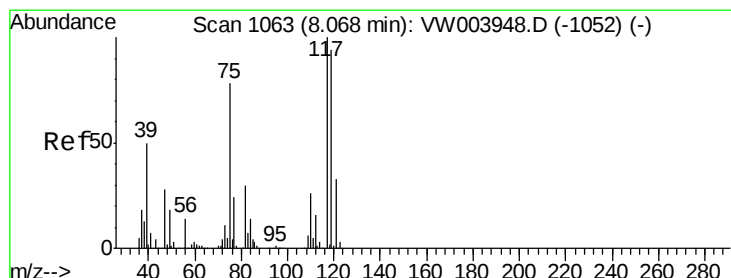
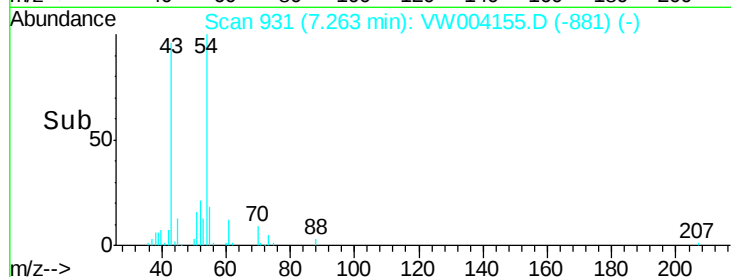
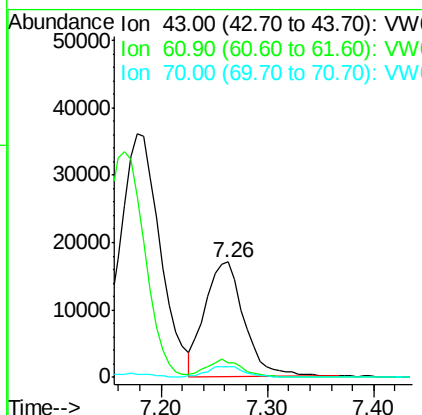
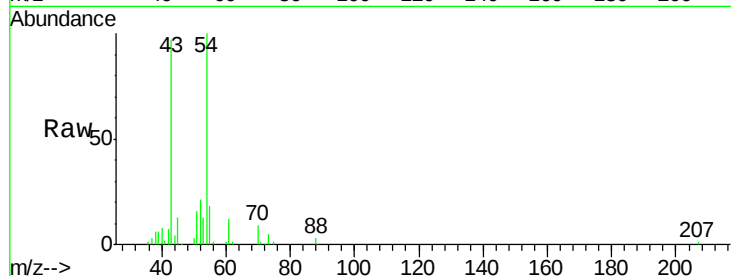




#37
Ethyl Acetate
Concen: 22.012 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.01 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

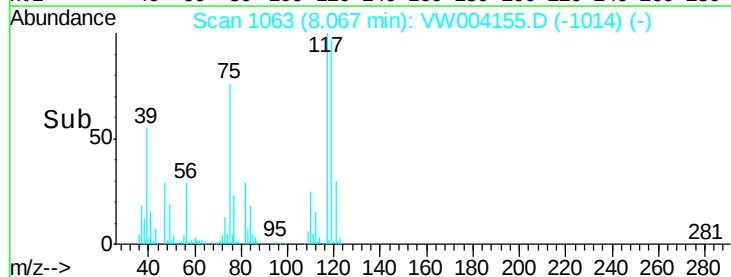
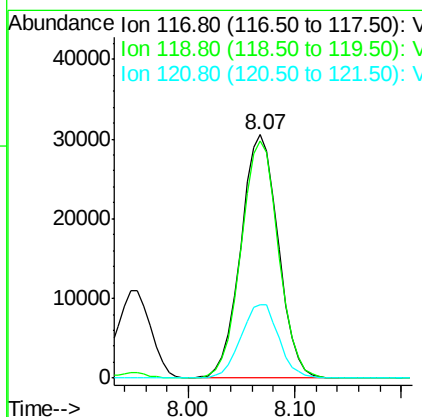
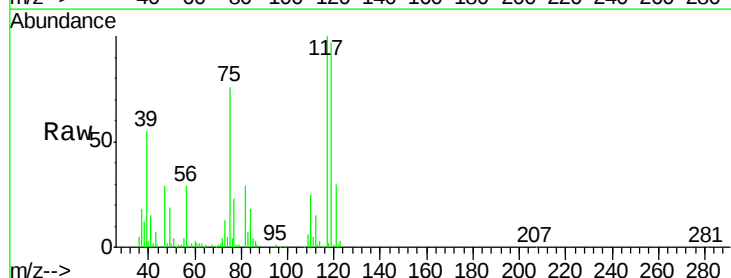
Instrument :
MSVOA_W
ClientSampled :

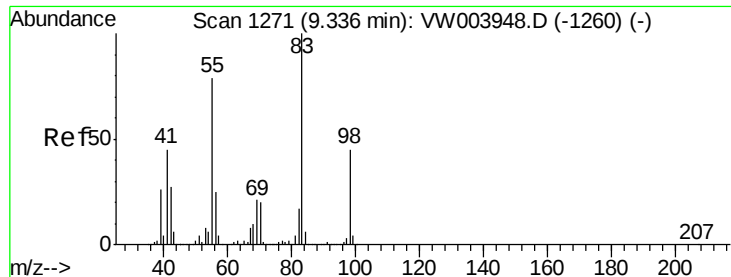
Tot Ion: 43 Resp: 43300
Ion Ratio Lower Upper
43 100
61 14.4 10.7 16.1
70 9.3 7.7 11.5



#38
Carbon Tetrachloride
Concen: 19.802 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Tgt Ion: 117 Resp: 75459
Ion Ratio Lower Upper
117 100
119 97.2 75.3 112.9
121 30.4 26.0 39.0

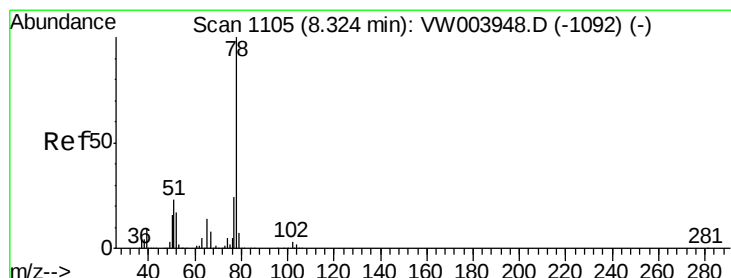
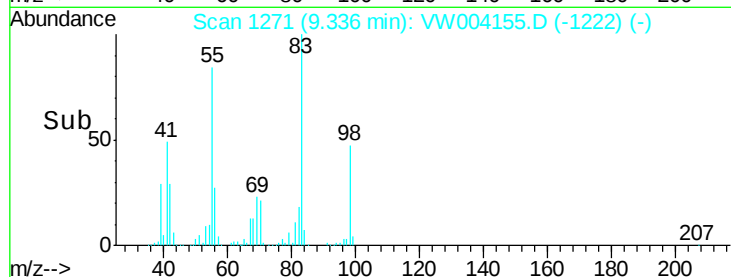
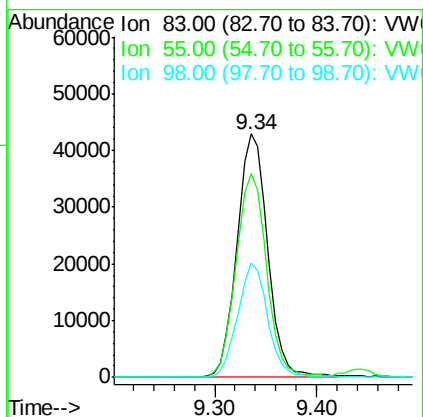
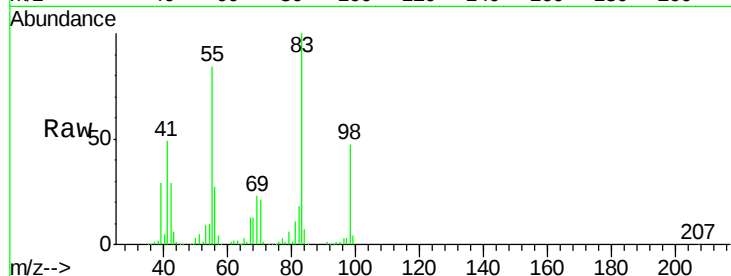




#39
Methvlcvclohexane
Concen: 18.712 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

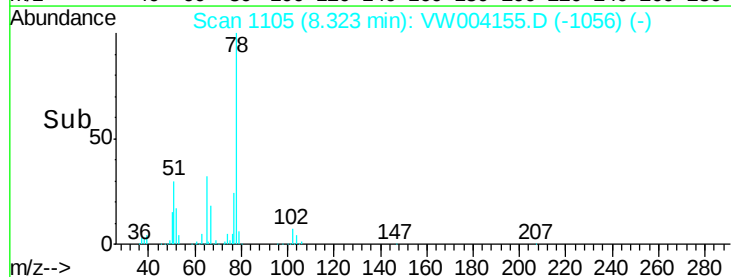
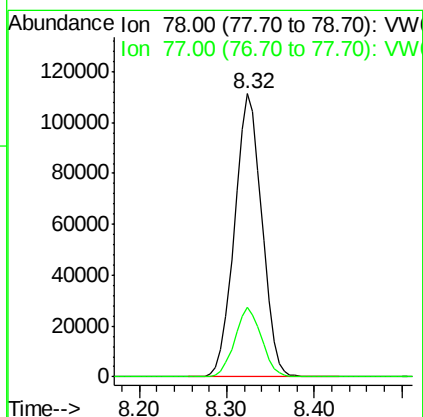
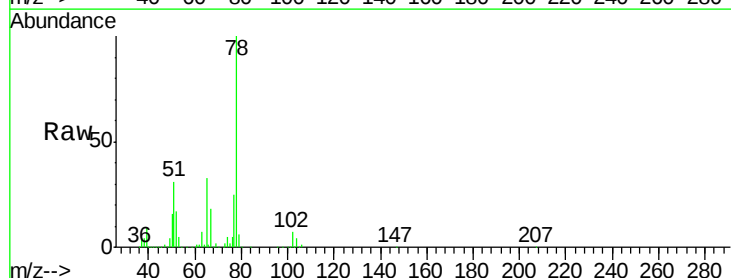
Instrument :
MSVOA_W
ClientSampleId :

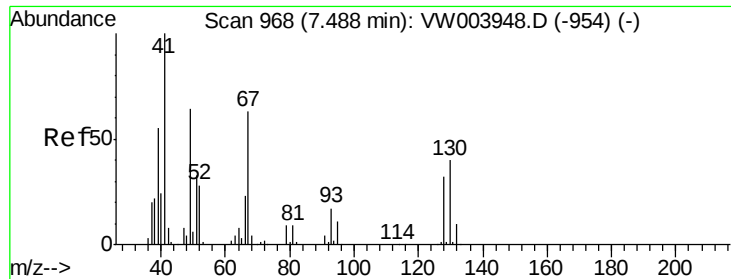
Tot Ion: 83 Resp: 89372
Ion Ratio Lower Upper
83 100
55 83.8 62.8 94.2
98 46.7 36.2 54.4



#40
Benzene
Concen: 21.391 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Tgt Ion: 78 Resp: 242027
Ion Ratio Lower Upper
78 100
77 24.6 19.5 29.3

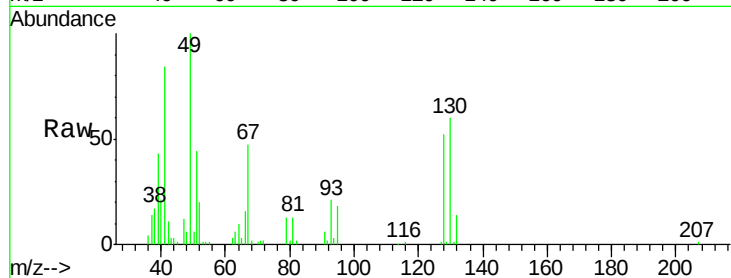




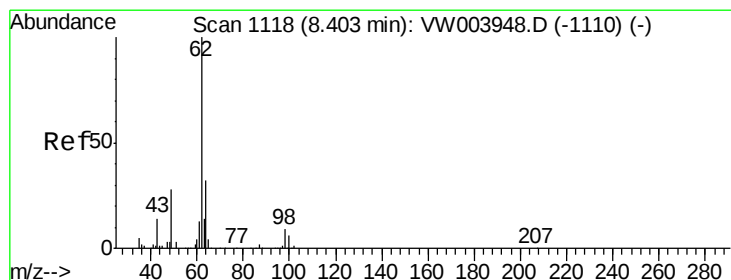
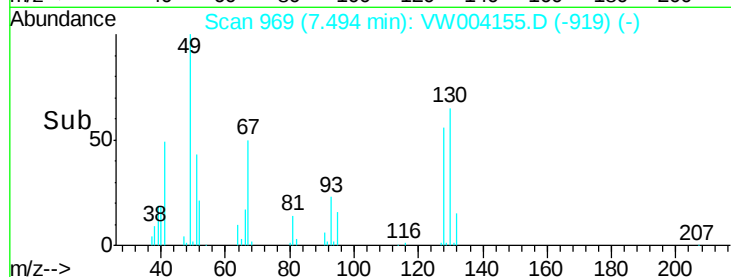
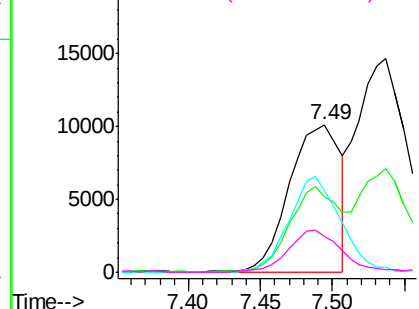
#41
Methacrylonitrile
Concen: 22.910 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.01 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	41	Resp:	24971
Ion	Ratio	Lower	Upper
41	100		
39	55.0	50.0	75.0
67	65.7	60.8	91.2
52	30.7	26.2	39.4

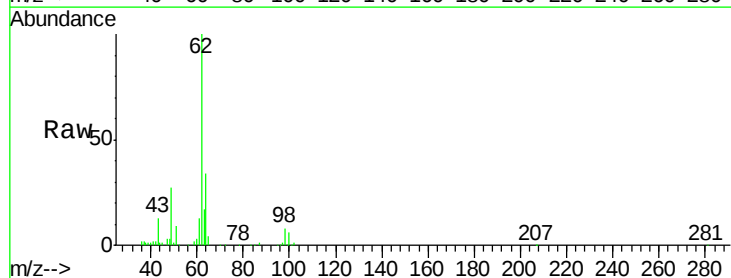


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

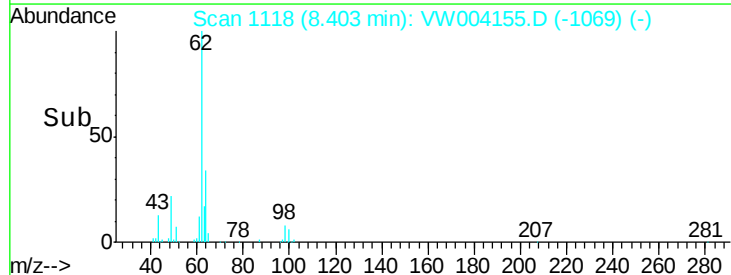
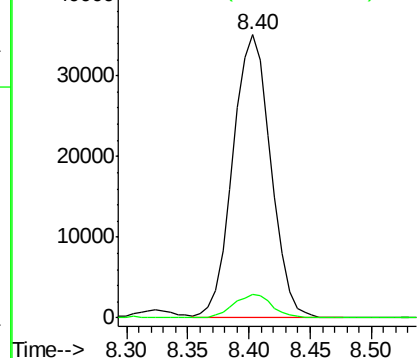


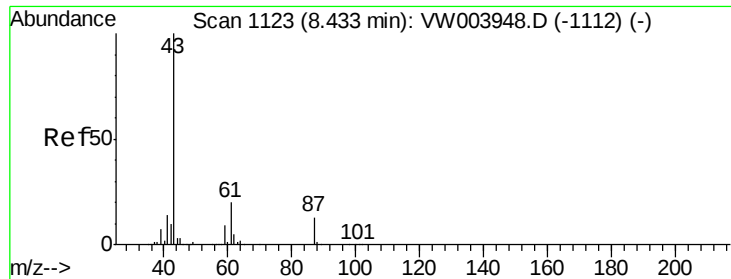
#42
1,2-Dichloroethane
Concen: 21.817 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Tgt Ion:	62	Resp:	75310
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.4



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



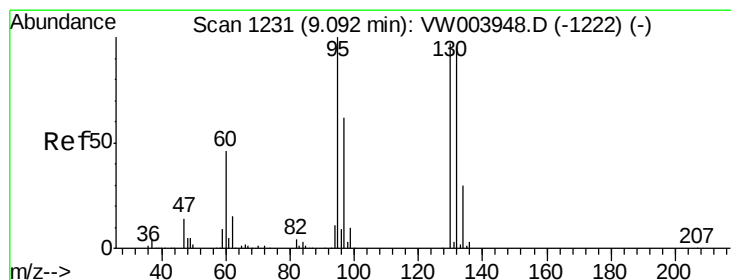
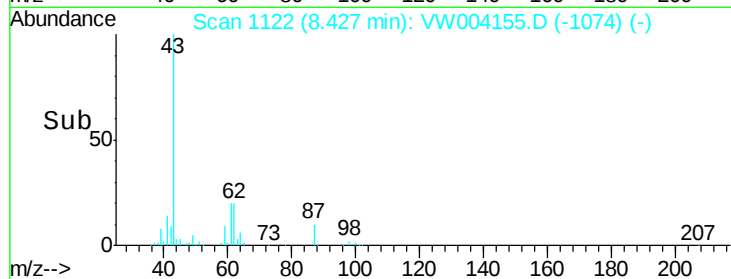
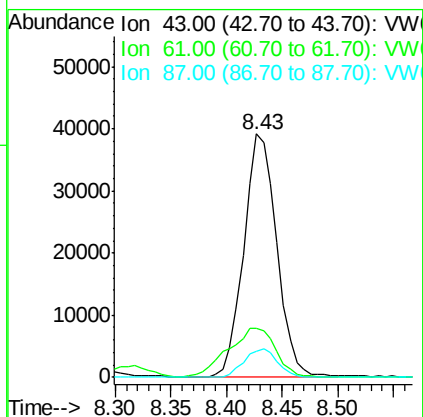
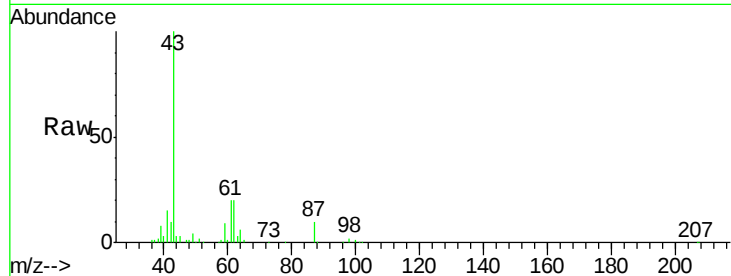


#43

Isopropyl Acetate
 Concen: 21.867 ug/l
 RT: 8.43 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

Instrument :
 MSVOA_W
 ClientSampled :

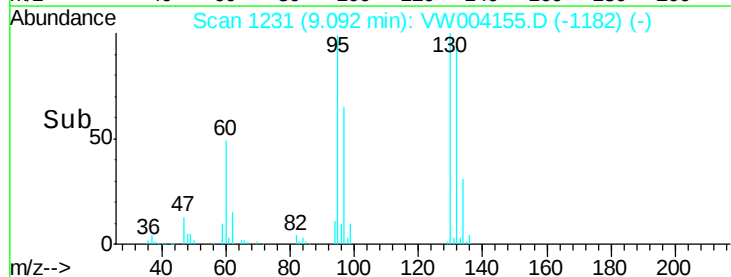
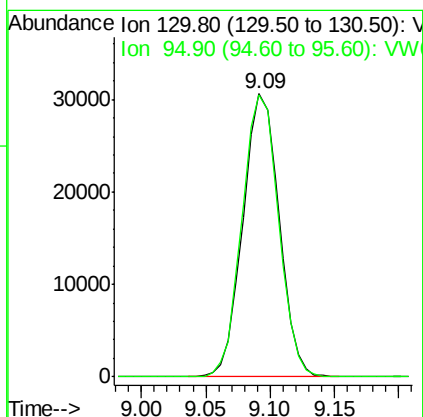
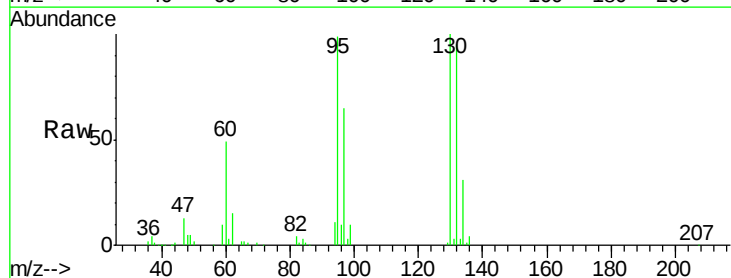
Tot Ion: 43 Resp: 80452
 Ion Ratio Lower Upper
 43 100
 61 29.2 23.0 34.6
 87 11.9 9.9 14.9

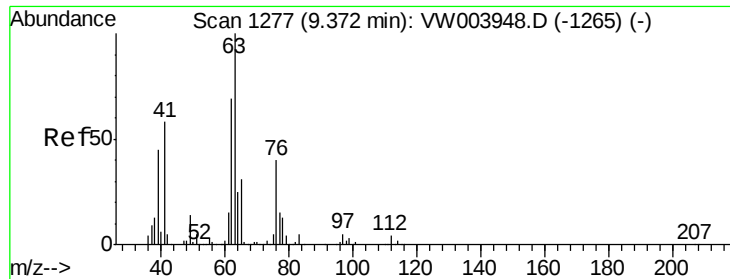


#44

Trichloroethene
 Concen: 20.329 ug/l
 RT: 9.09 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

Tgt Ion: 130 Resp: 59624
 Ion Ratio Lower Upper
 130 100
 95 99.5 0.0 206.8

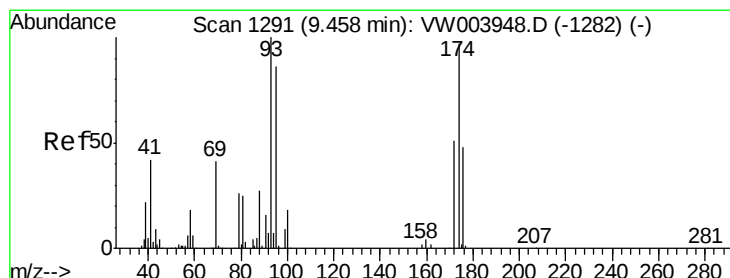
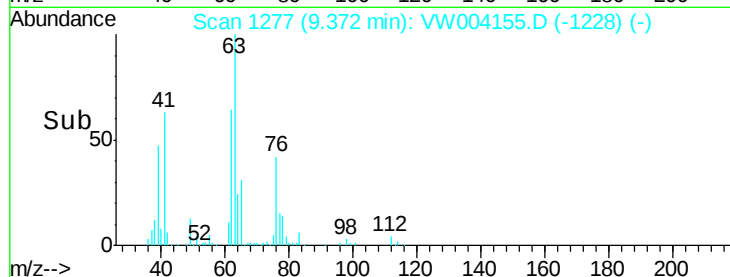
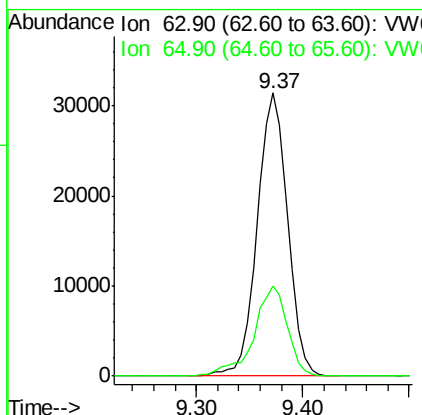
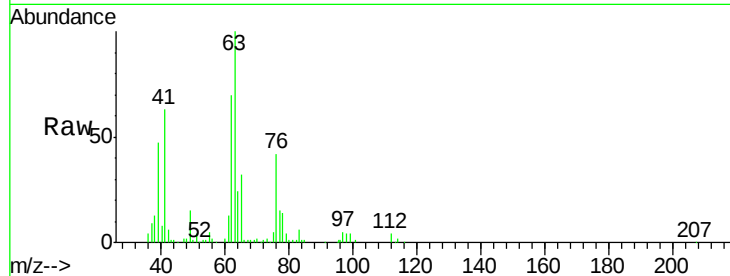




#45
 1,2-Dichloropropane
 Concen: 21.735 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

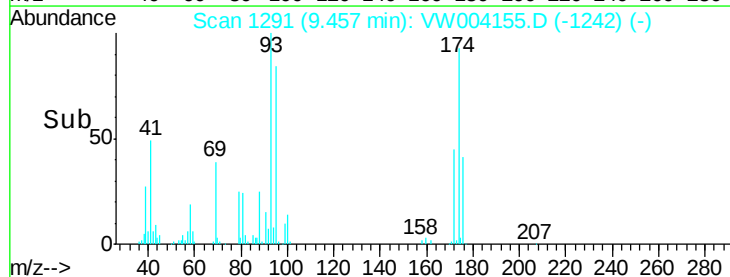
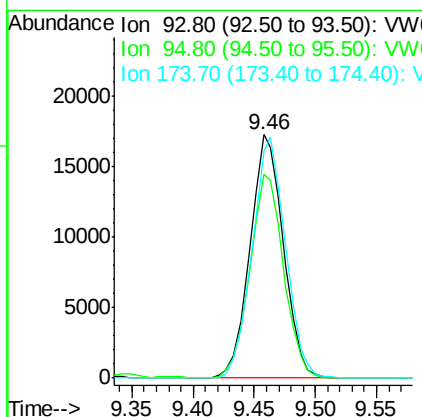
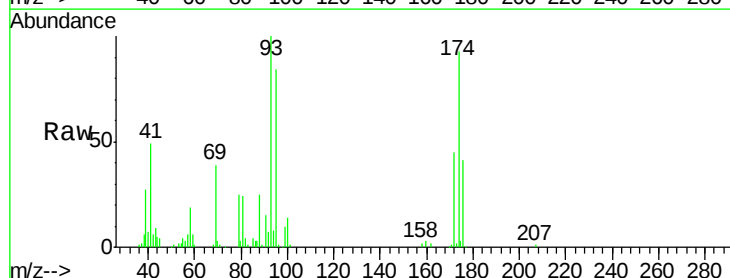
Instrument :
 MSVOA_W
 ClientSampleId :

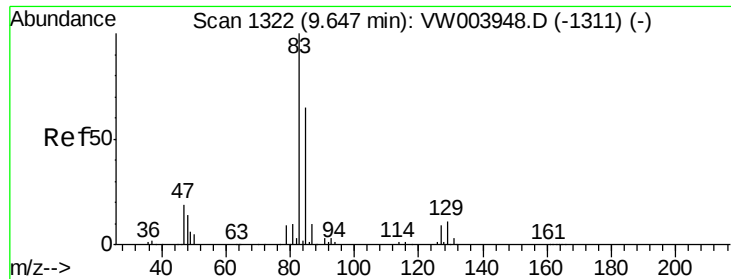
Tot Ion: 63 Resp: 62766
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.8 37.2



#46
 Dibromomethane
 Concen: 21.893 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

Tgt Ion: 93 Resp: 32806
 Ion Ratio Lower Upper
 93 100
 95 84.6 66.9 100.3
 174 99.1 80.2 120.2

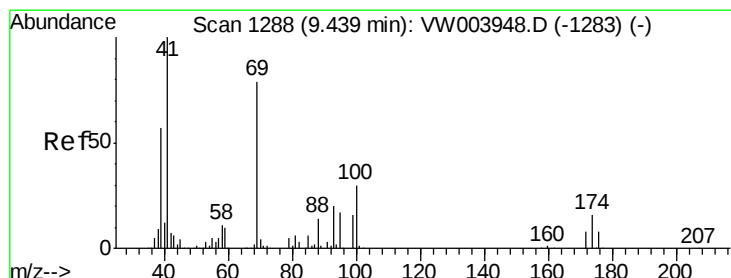
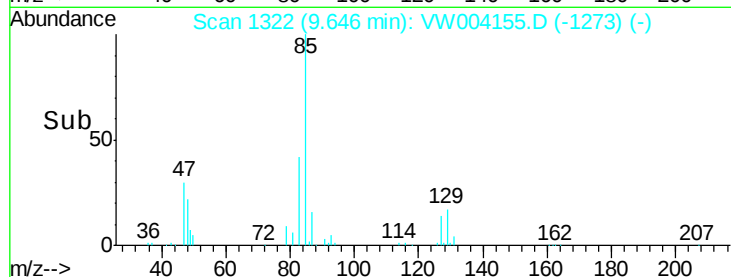
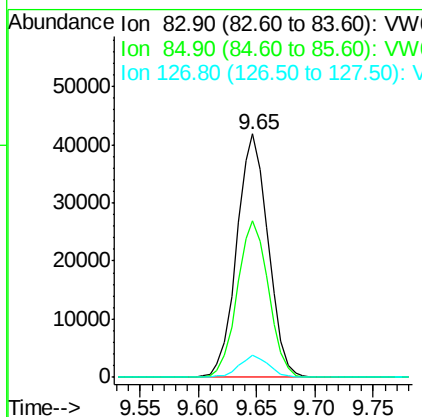
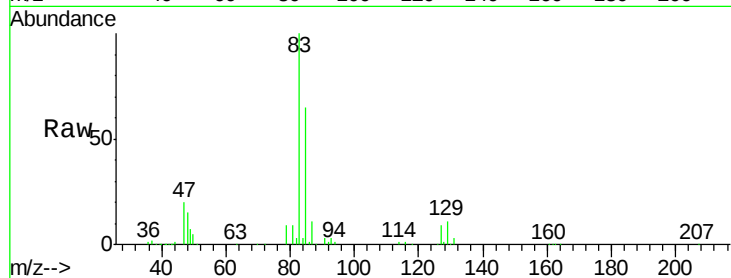




#47
Bromodichloromethane
Concen: 21.239 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

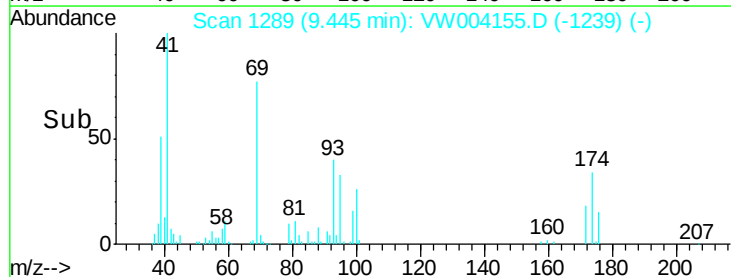
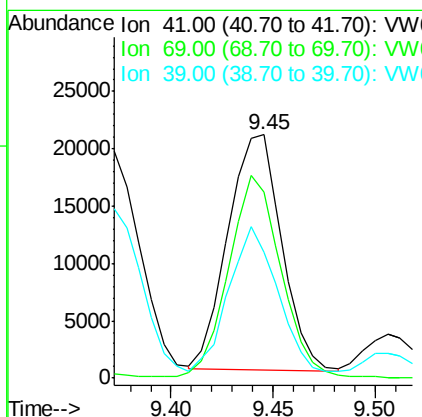
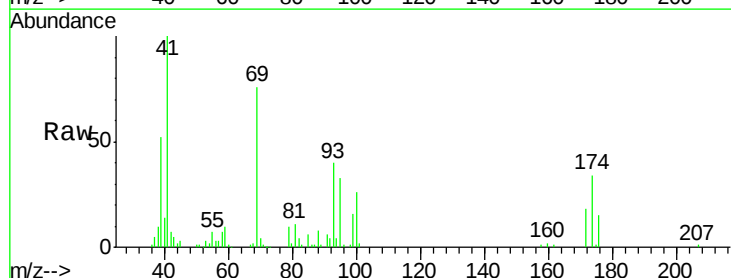
Instrument :
MSVOA_W
ClientSampled :

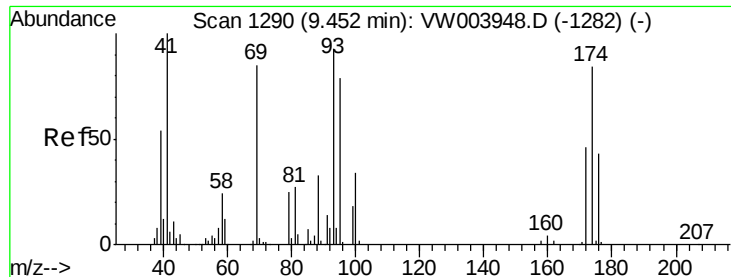
Tot Ion: 83 Resp: 78460
Ion Ratio Lower Upper
83 100
85 64.5 52.2 78.2
127 8.8 7.0 10.4



#48
Methyl methacrylate
Concen: 21.056 ug/l
RT: 9.45 min Scan# 1289
Delta R.T. 0.01 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Tgt Ion: 41 Resp: 37464
Ion Ratio Lower Upper
41 100
69 84.8 67.0 100.6
39 60.7 48.8 73.2

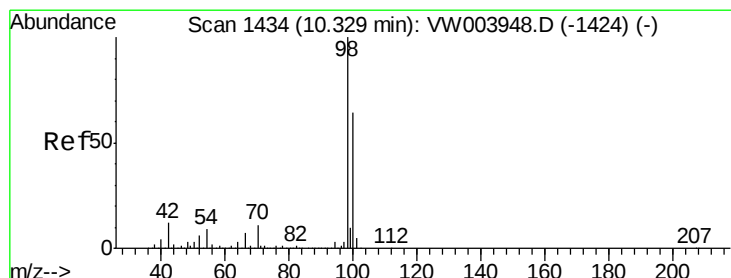
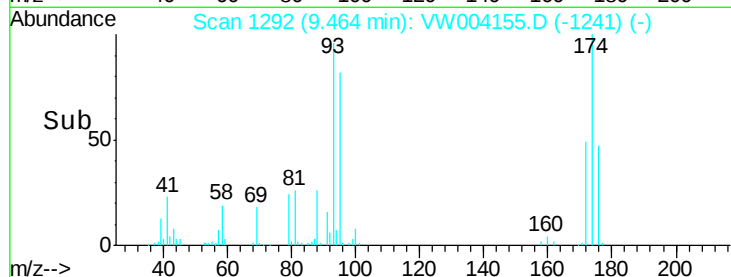
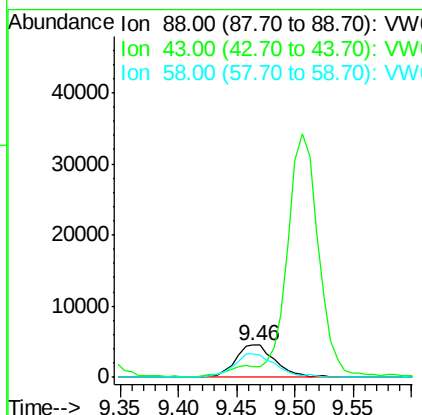
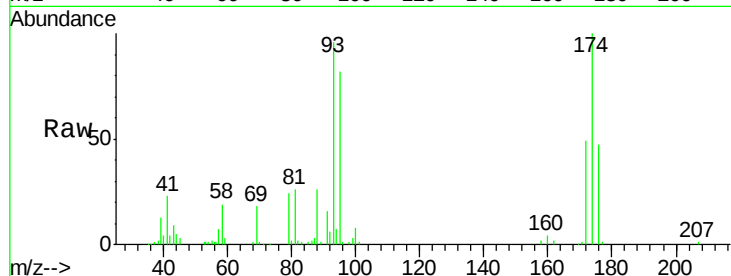




#49
1,4-Dioxane
Concen: 466.698 ug/l
RT: 9.46 min Scan# 1292
Delta R.T. 0.01 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

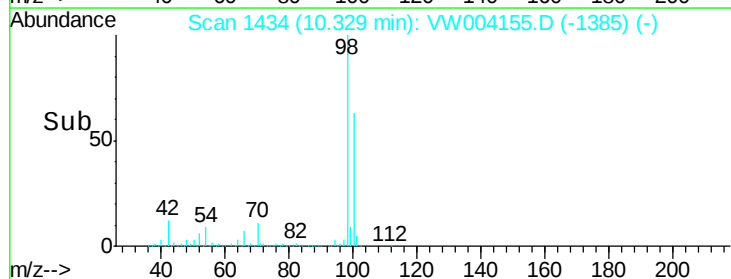
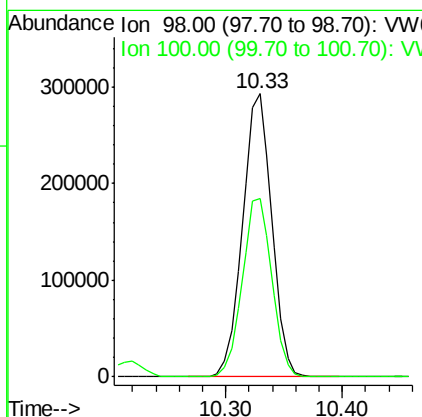
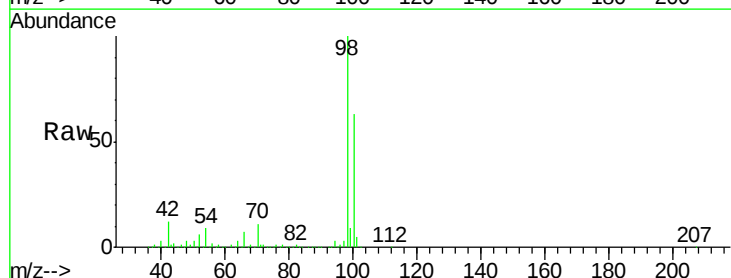
Instrument :
MSVOA_W
ClientSampled :

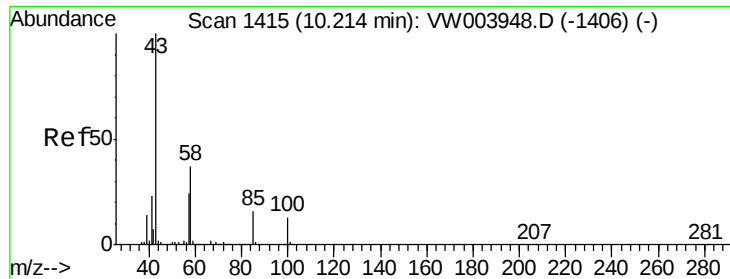
Tot Ion: 88 Resp: 10750
Ion Ratio Lower Upper
88 100
43 0.0 27.3 40.9#
58 80.1 61.1 91.7



#50
Toluene-d8
Concen: 51.949 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Tgt Ion: 98 Resp: 512666
Ion Ratio Lower Upper
98 100
100 63.7 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 111.224 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Instrument :

MSVOA_W

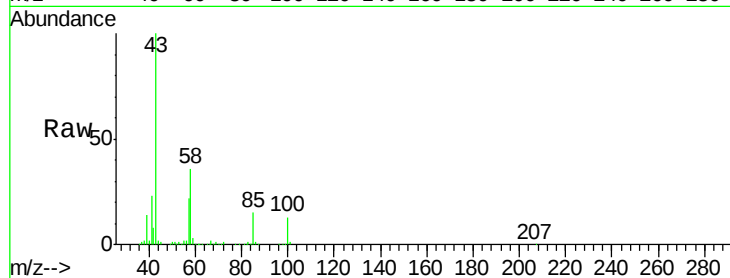
ClientSampled :

Tot Ion: 43 Resp: 218010

Ion Ratio Lower Upper

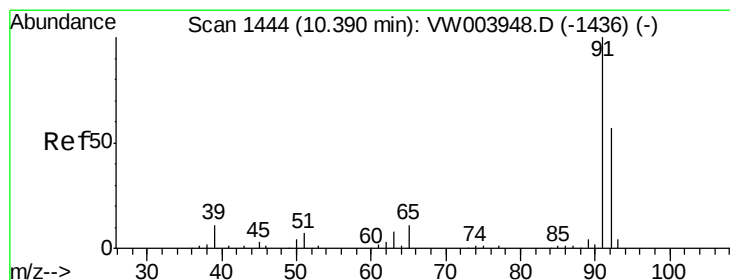
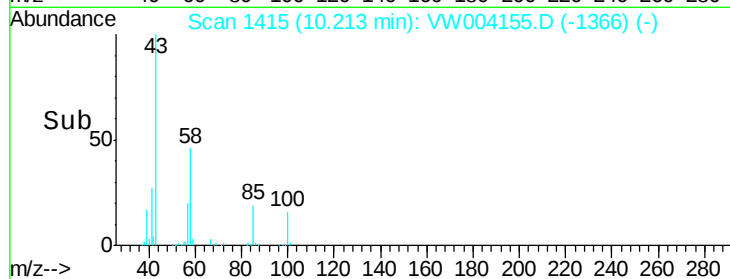
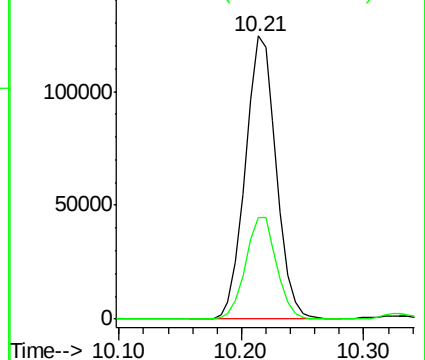
43 100

58 36.3 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 21.286 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004155.D

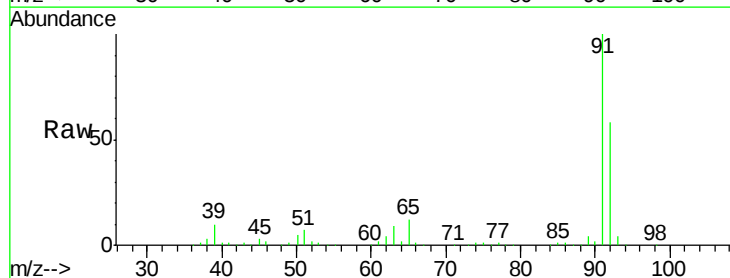
Acq: 24 Jul 2018 00:43

Tgt Ion: 92 Resp: 148926

Ion Ratio Lower Upper

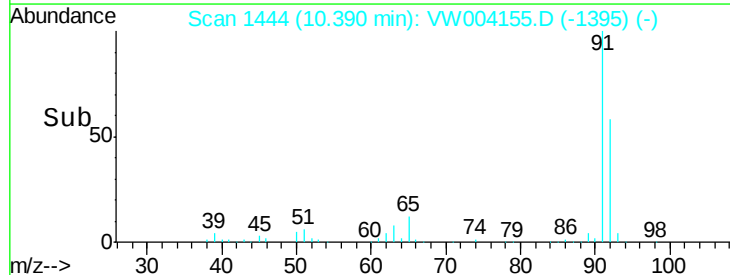
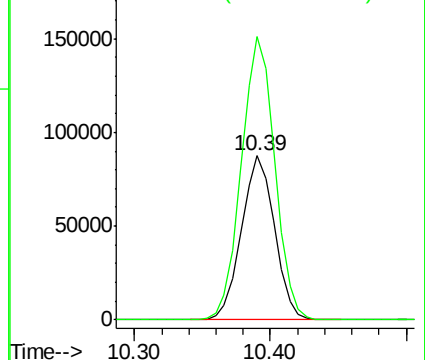
92 100

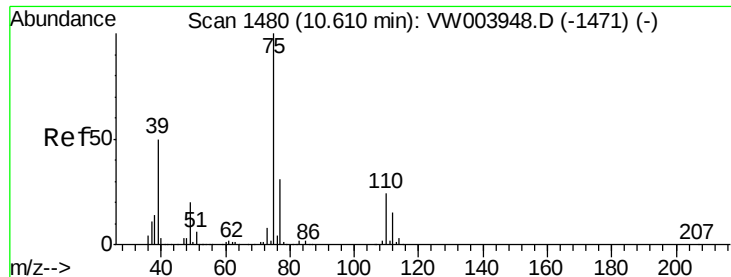
91 173.9 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 19.994 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Instrument :

MSVOA_W

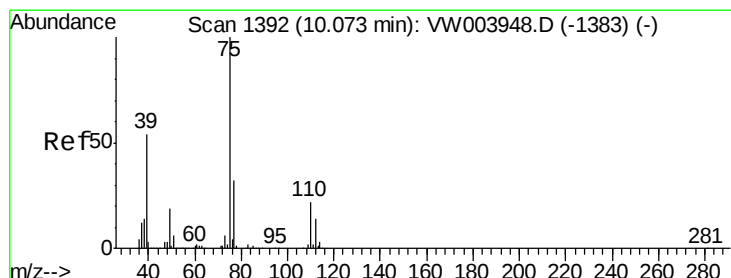
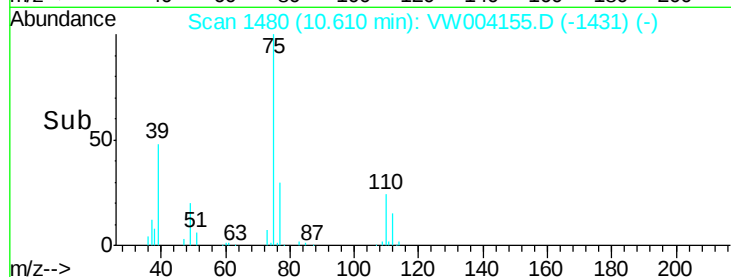
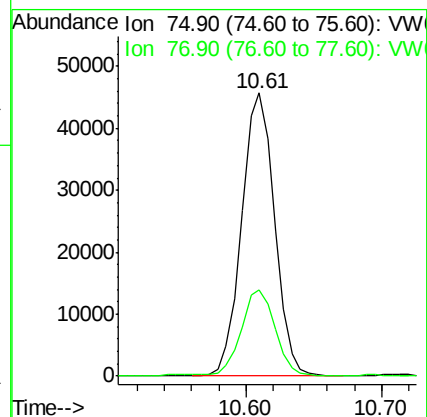
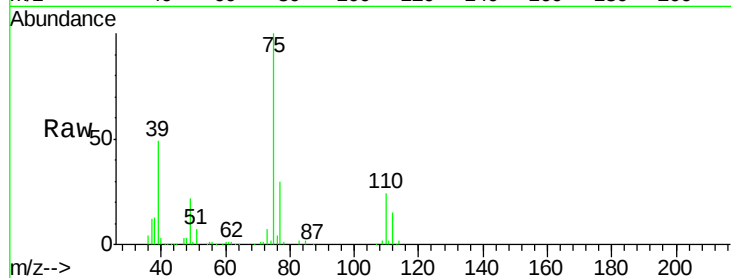
ClientSampled :

Tot Ion: 75 Resp: 77235

Ion Ratio Lower Upper

75 100

77 30.1 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 19.964 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

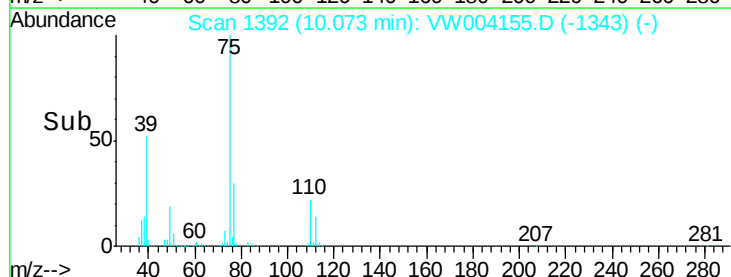
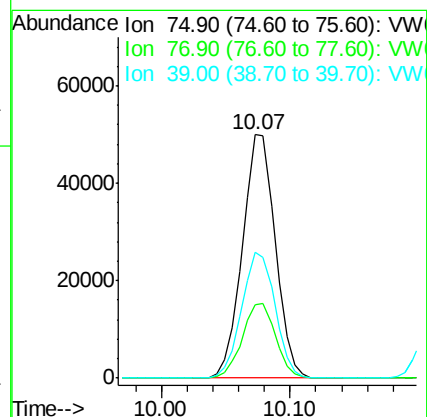
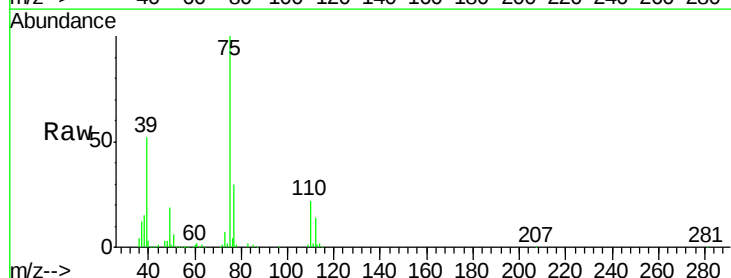
Tgt Ion: 75 Resp: 88225

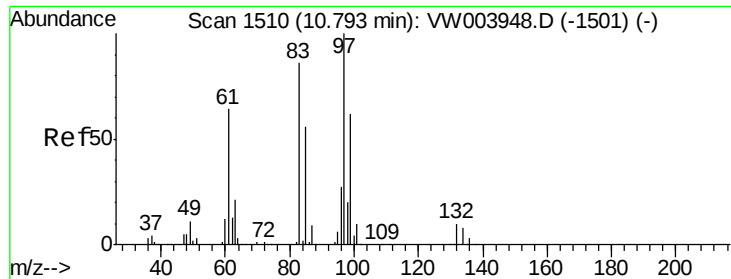
Ion Ratio Lower Upper

75 100

77 29.9 25.4 38.2

39 51.7 43.0 64.6

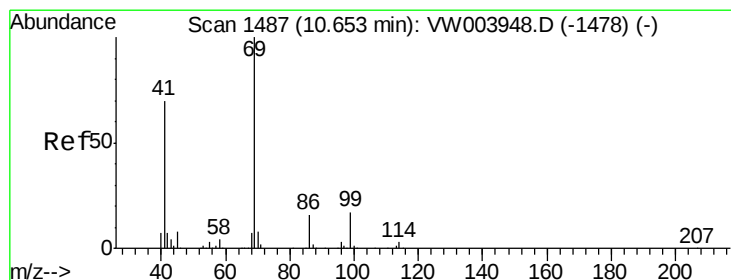
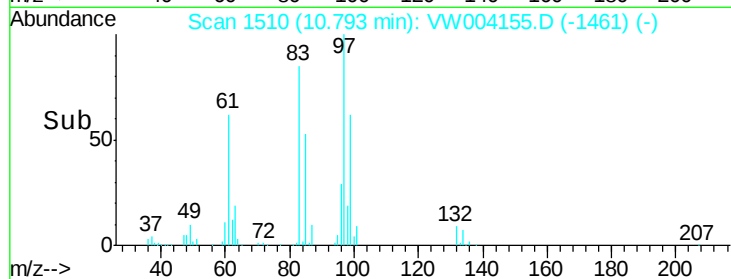
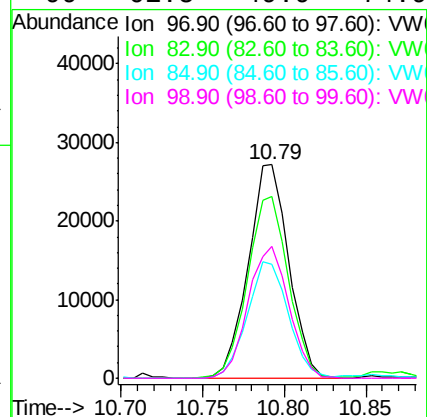
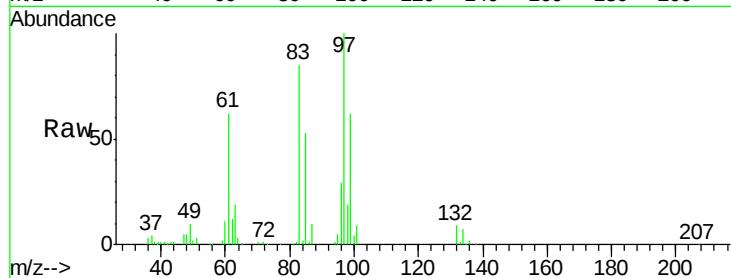




#55
 1,1,2-Trichloroethane
 Concen: 22.404 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

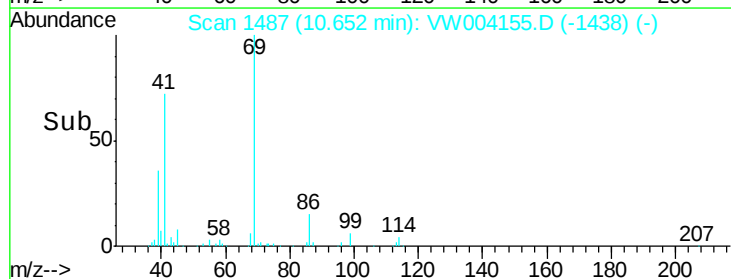
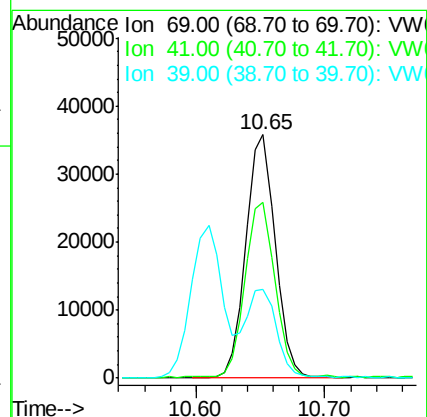
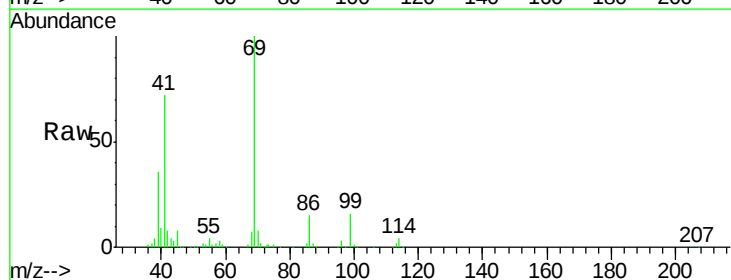
Instrument :
 MSVOA_W
 ClientSampleId :

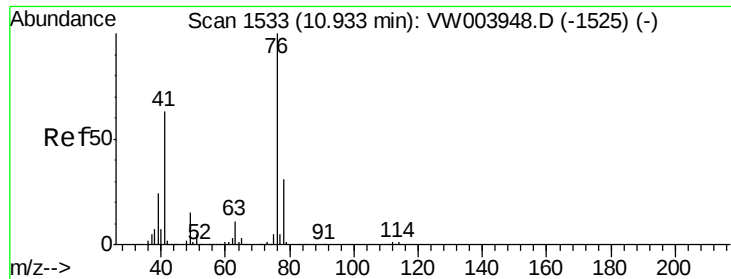
Tot Ion:	97	Resp:	47216
Ion	Ratio	Lower	Upper
97	100		
83	84.8	69.0	103.4
85	53.4	45.0	67.6
99	61.5	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 20.617 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

Tgt Ion:	69	Resp:	56604
Ion	Ratio	Lower	Upper
69	100		
41	72.8	56.5	84.7
39	34.7	30.2	45.4

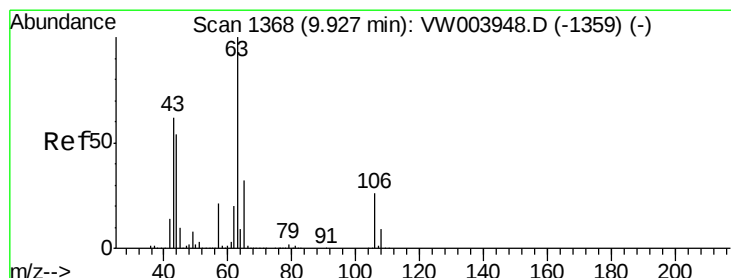
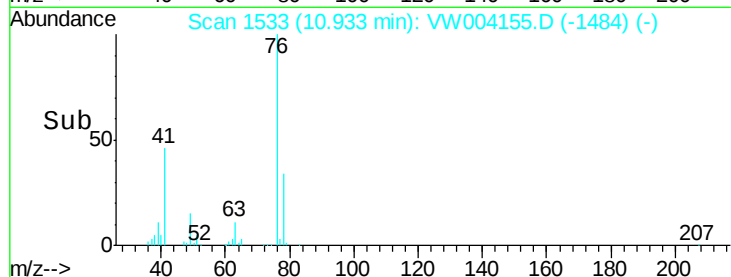
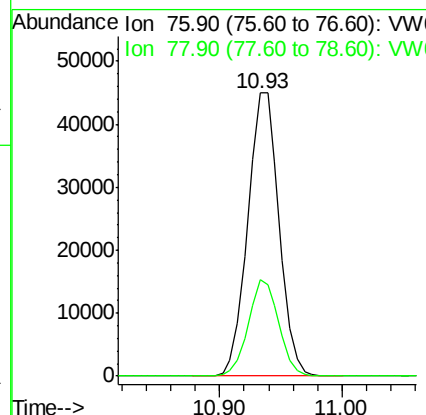
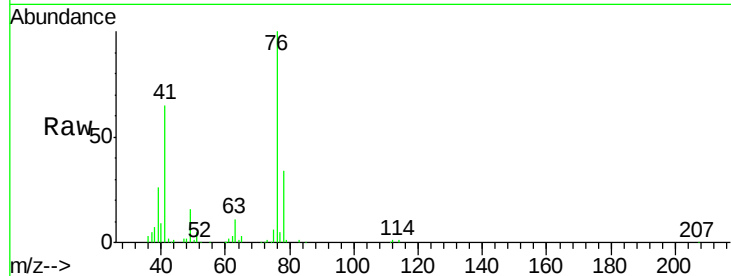




#57
 1,3-Dichloropropane
 Concen: 21.847 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.00 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

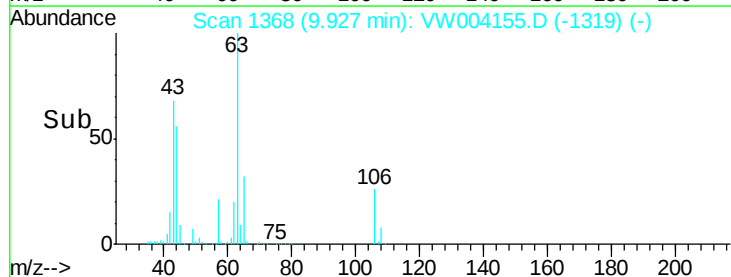
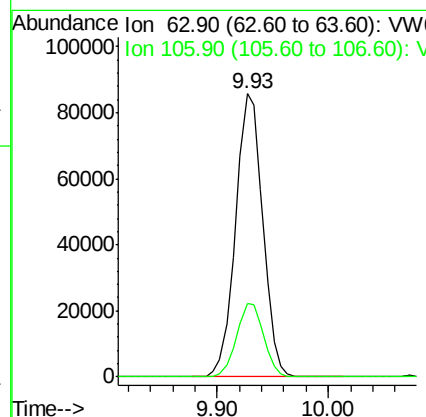
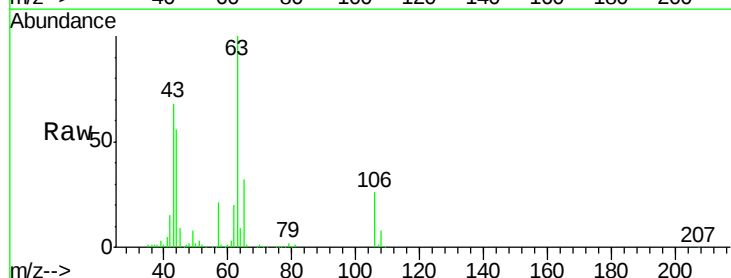
Instrument :
 MSVOA_W
 ClientSampled :

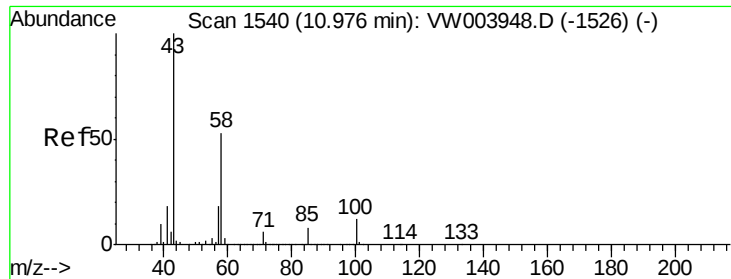
Tot Ion: 76 Resp: 79994
 Ion Ratio Lower Upper
 76 100
 78 33.1 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 115.534 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

Tgt Ion: 63 Resp: 144448
 Ion Ratio Lower Upper
 63 100
 106 25.9 21.2 31.8

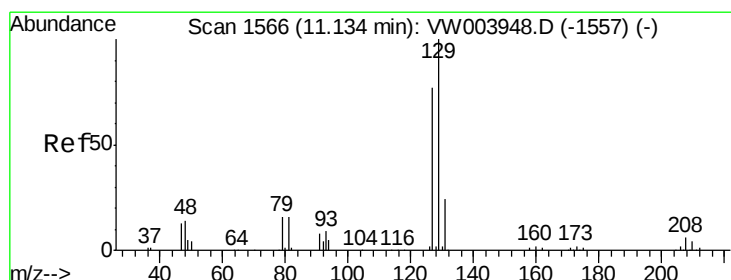
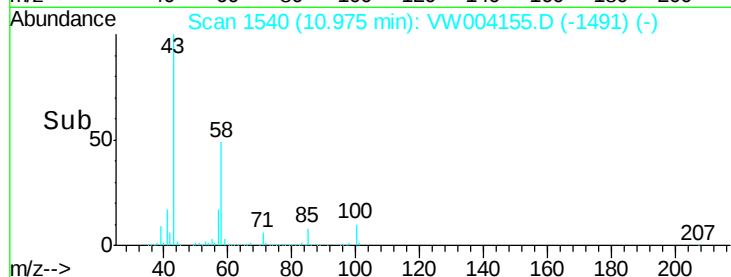
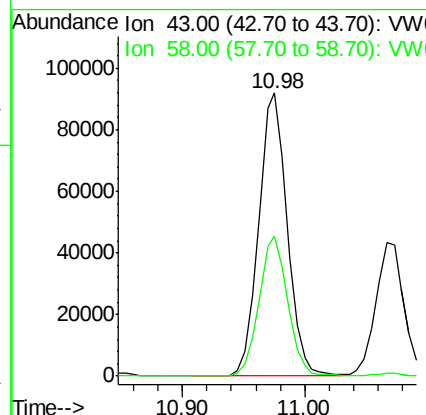
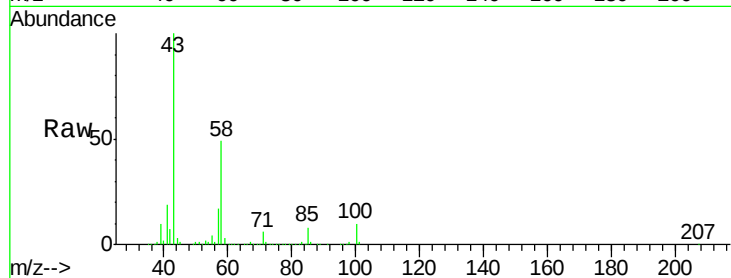




#59
2-Hexanone
Concen: 108.554 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

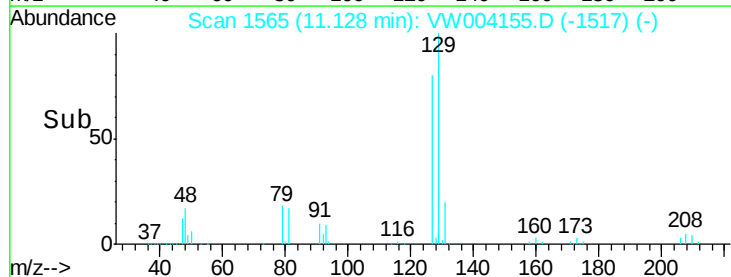
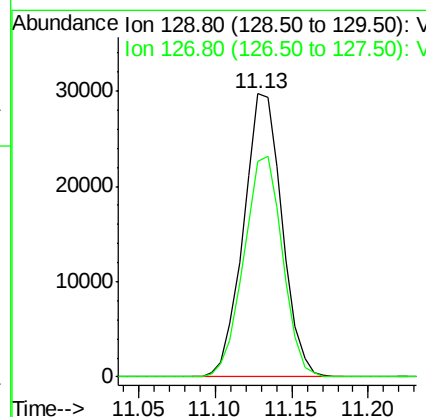
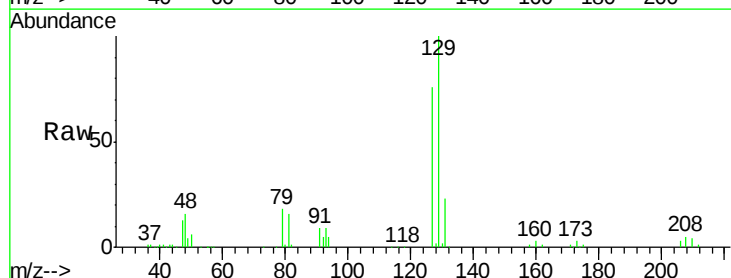
Instrument :
MSVOA_W
ClientSampleId :

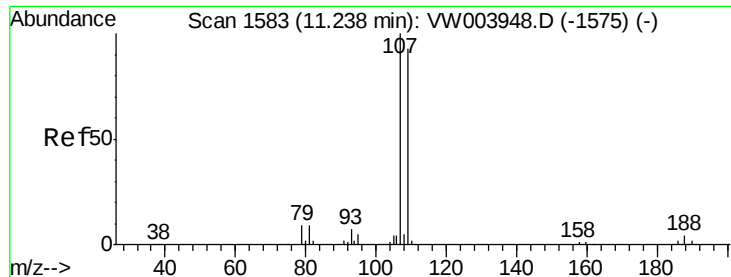
Tot Ion: 43 Resp: 149968
Ion Ratio Lower Upper
43 100
58 49.5 26.0 78.0



#60
Dibromochloromethane
Concen: 21.145 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Tgt Ion: 129 Resp: 51896
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.3





#61

1,2-Dibromoethane

Concen: 21.498 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Instrument :

MSVOA_W

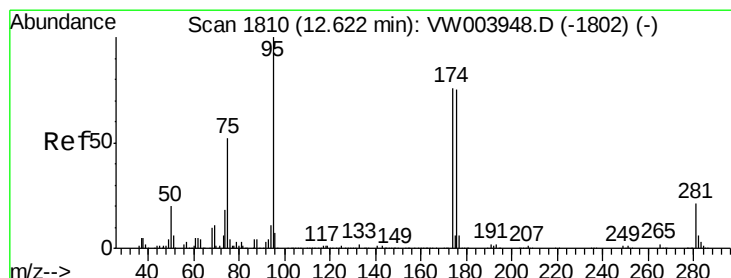
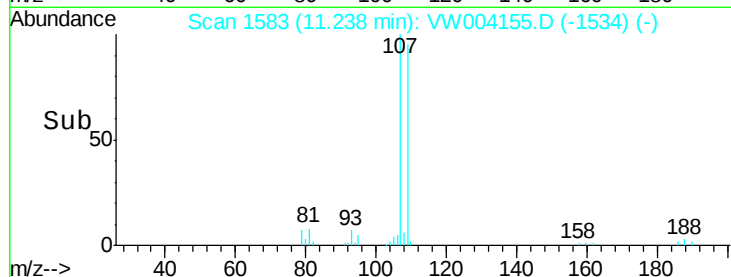
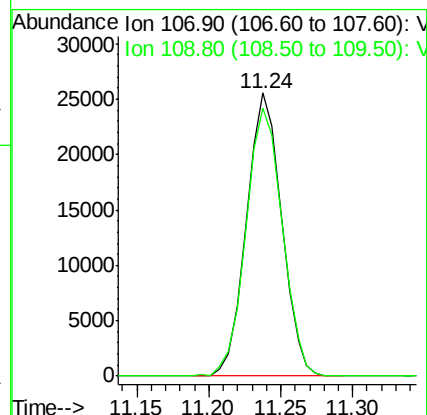
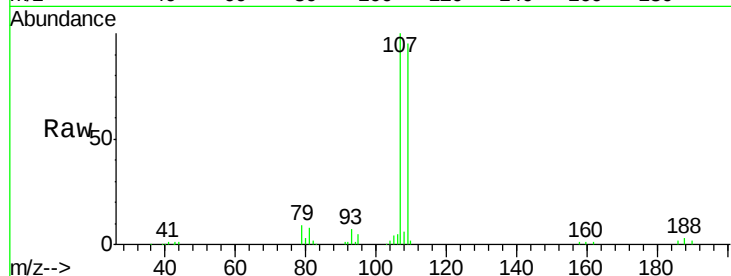
ClientSampled :

Tot Ion:107 Resp: 43111

Ion Ratio Lower Upper

107 100

109 97.9 74.3 111.5



#62

4-Bromofluorobenzene

Concen: 50.735 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

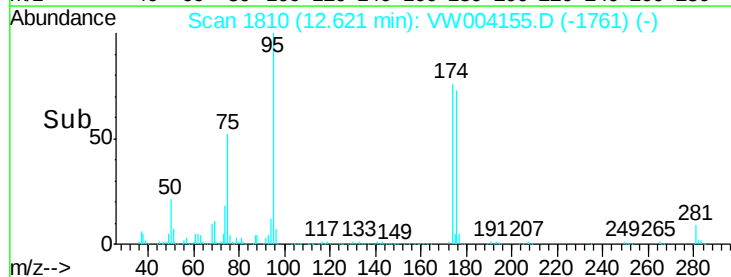
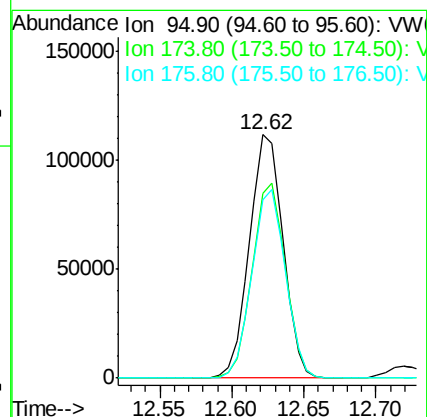
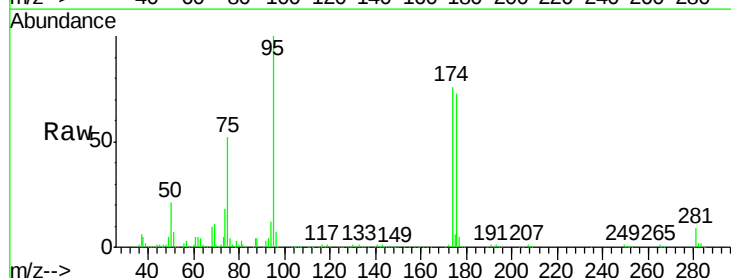
Tgt Ion: 95 Resp: 180547

Ion Ratio Lower Upper

95 100

174 79.1 0.0 160.2

176 77.2 0.0 155.8

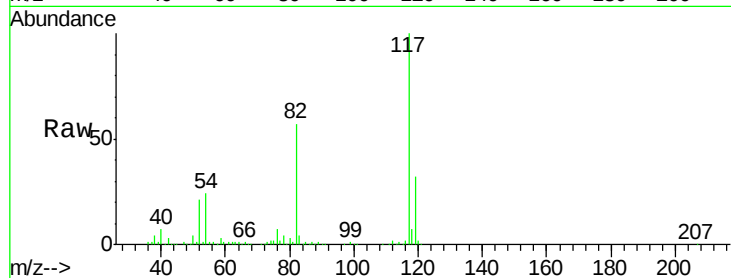




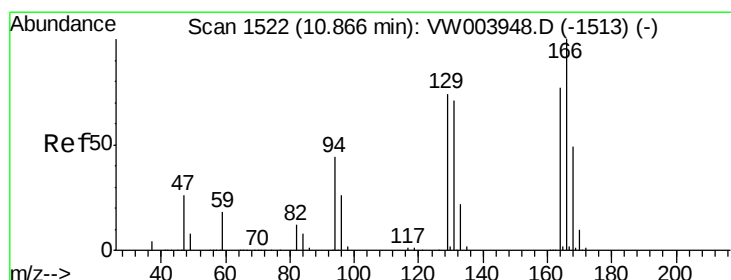
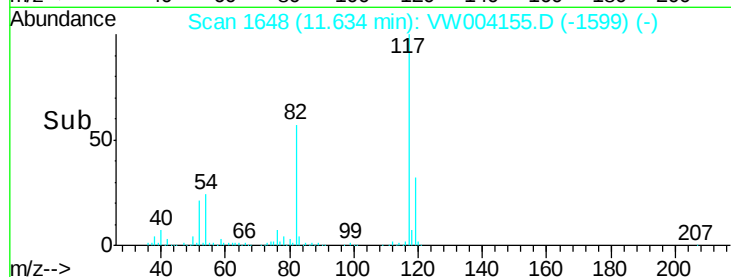
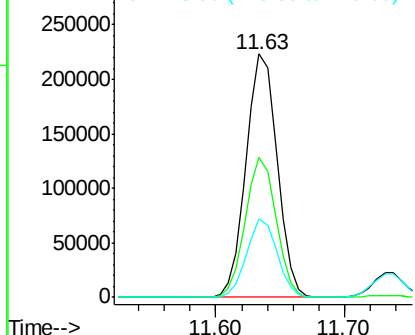
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 372837
Ion Ratio Lower Upper
117 100
82 57.3 46.5 69.7
119 32.4 26.2 39.2

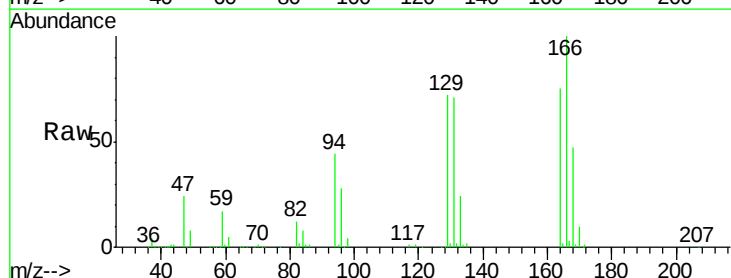


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

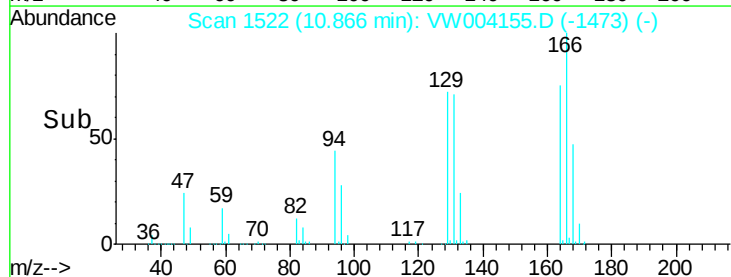
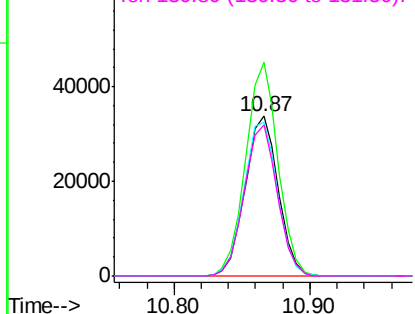


#64
Tetrachloroethene
Concen: 22.448 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Tgt Ion:164 Resp: 57427
Ion Ratio Lower Upper
164 100
166 133.6 103.5 155.3
129 95.9 76.8 115.2
131 94.4 73.2 109.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

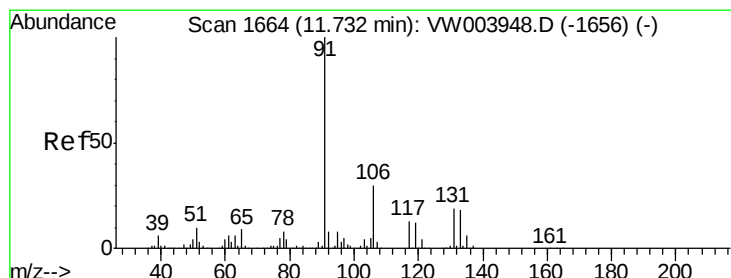
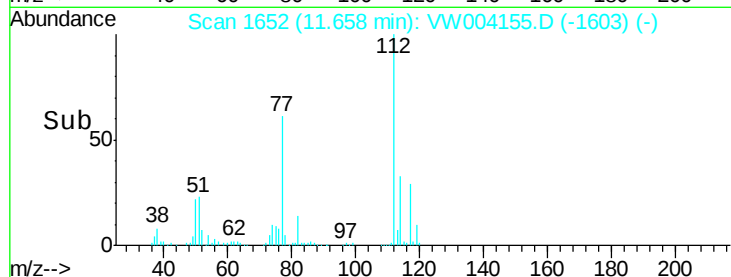
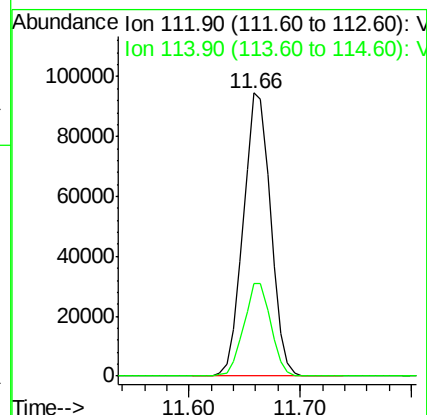
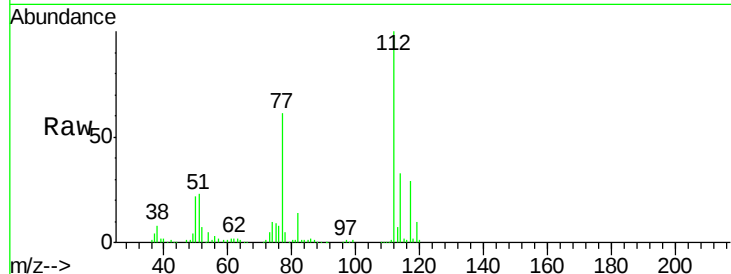




#65
Chlorobenzene
Concen: 20.266 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

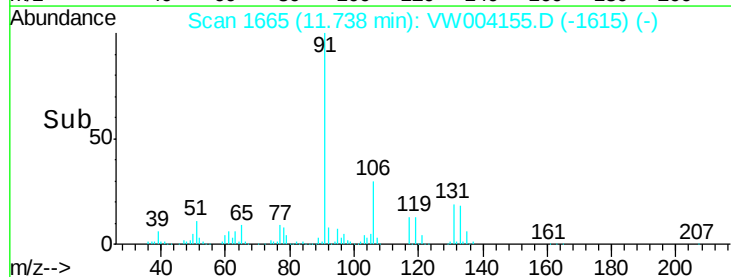
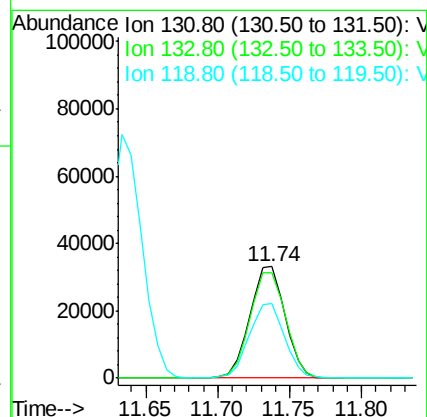
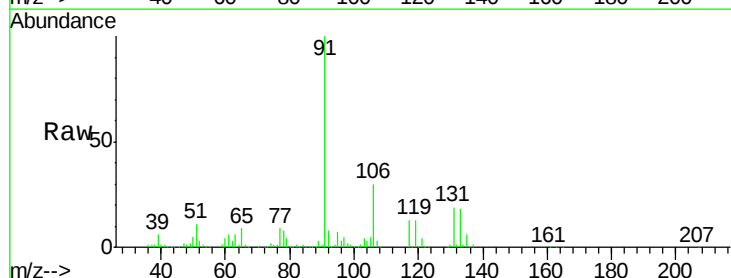
Instrument :
MSVOA_W
ClientSampled :

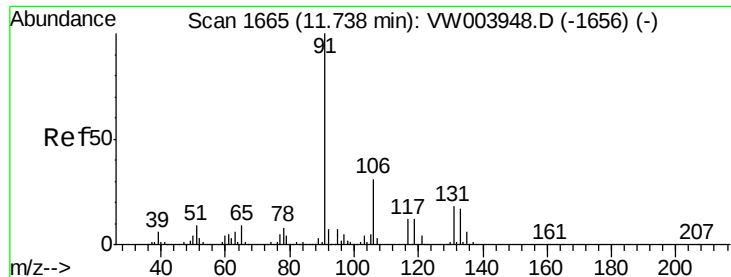
Tot Ion:112 Resp: 160669
Ion Ratio Lower Upper
112 100
114 32.6 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.279 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.01 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Tgt Ion:131 Resp: 55868
Ion Ratio Lower Upper
131 100
133 97.1 47.9 143.8
119 67.3 32.5 97.5

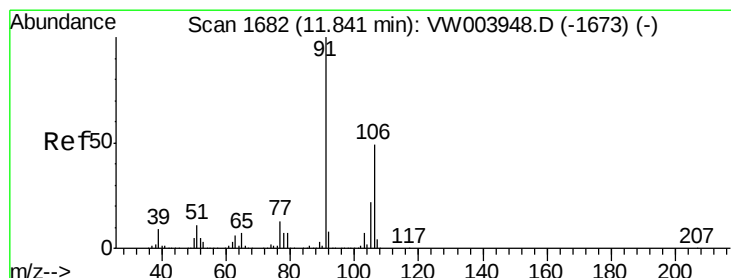
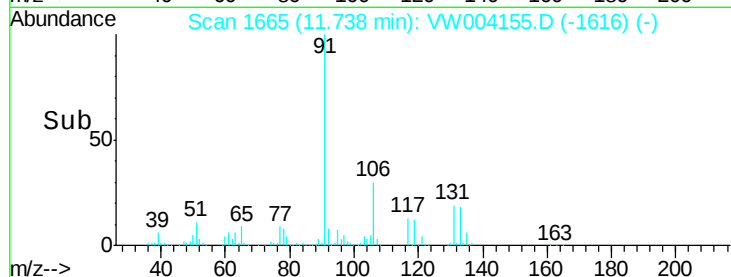
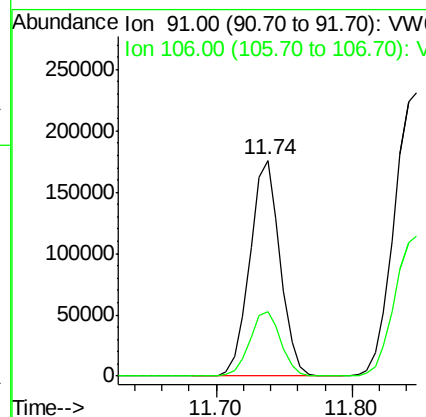
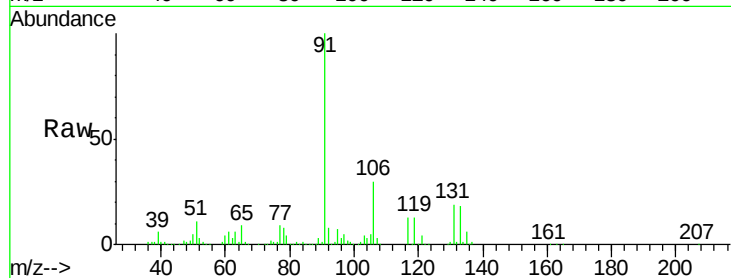




#67
Ethyl Benzene
Concen: 19.639 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

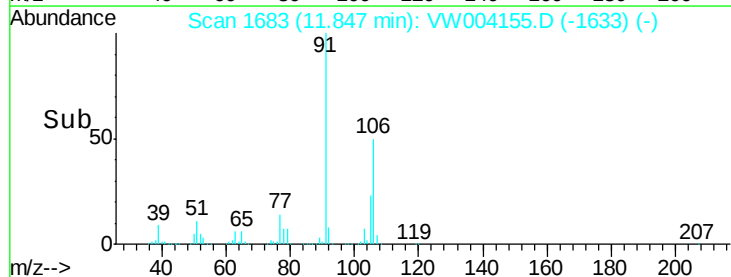
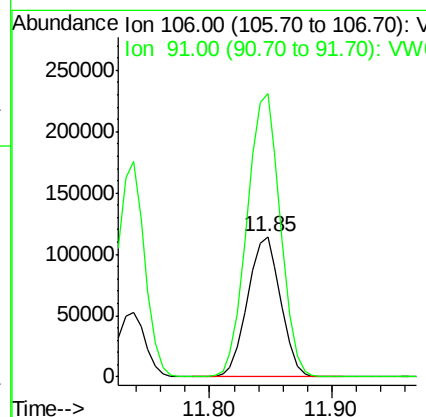
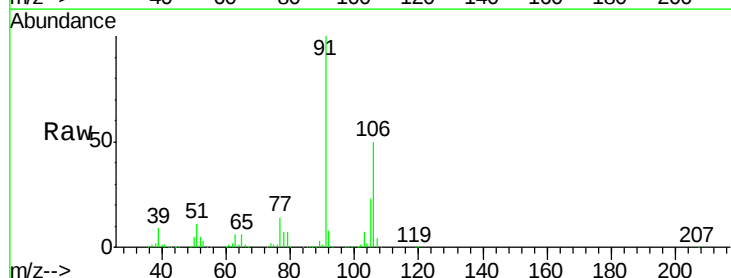
Instrument :
MSVOA_W
ClientSampleId :

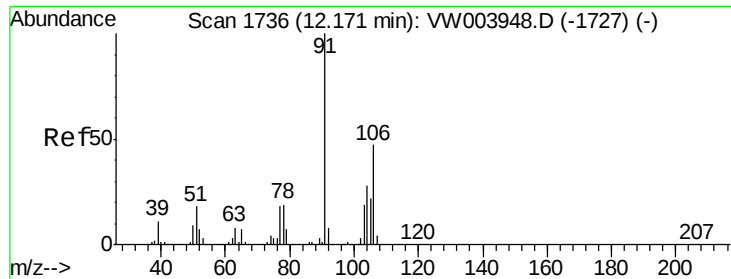
Tot Ion: 91 Resp: 273505
Ion Ratio Lower Upper
91 100
106 29.7 25.0 37.4



#68
m/p-Xylenes
Concen: 40.187 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Tgt Ion: 106 Resp: 213909
Ion Ratio Lower Upper
106 100
91 203.6 164.2 246.2

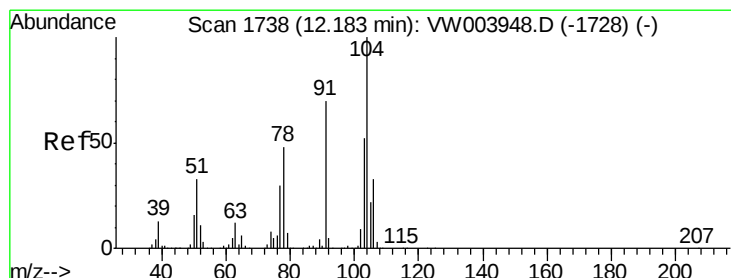
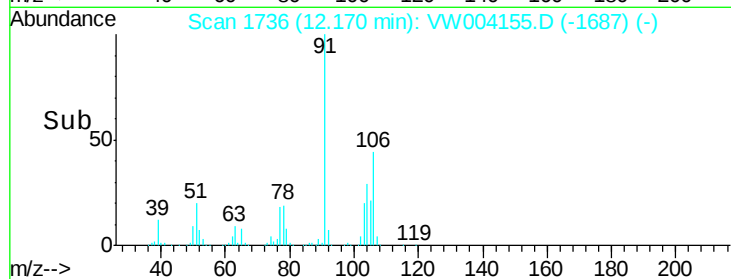
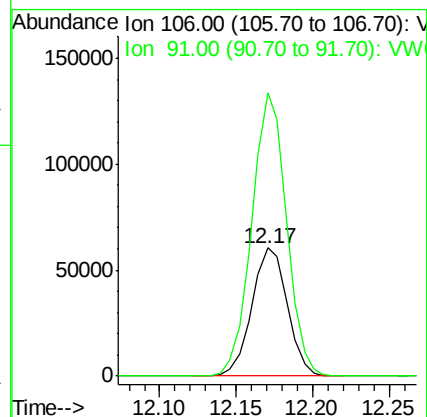
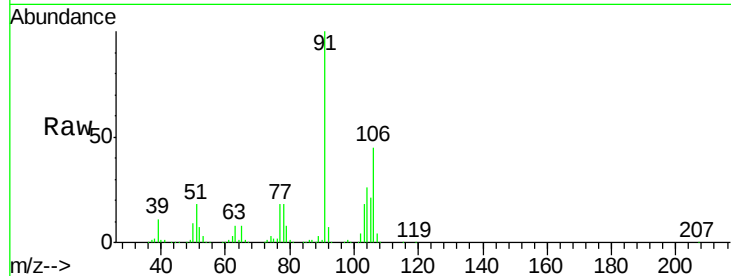




#69
o-Xylene
Concen: 19.752 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

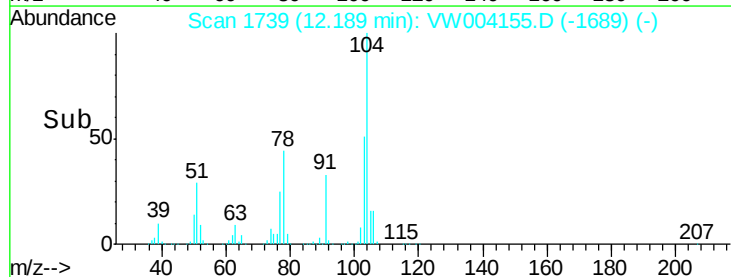
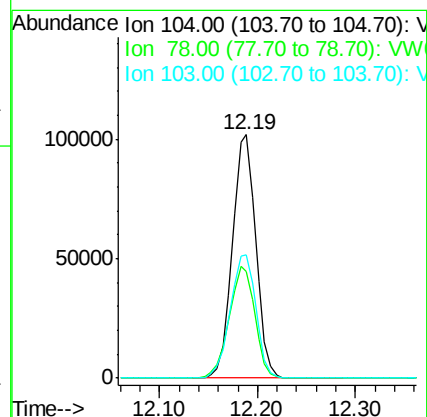
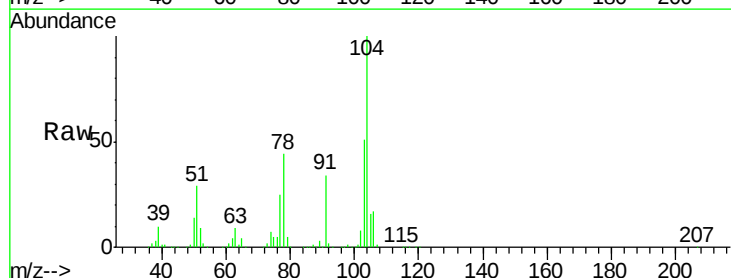
Instrument :
MSVOA_W
ClientSampled :

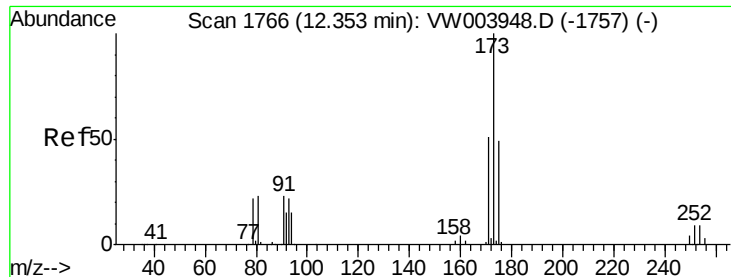
Tot Ion:106 Resp: 97529
Ion Ratio Lower Upper
106 100
91 216.3 107.5 322.6



#70
Styrene
Concen: 20.527 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Tgt Ion:104 Resp: 169291
Ion Ratio Lower Upper
104 100
78 49.9 41.0 61.4
103 55.5 44.6 67.0





#71

Bromoform

Concen: 20.768 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Instrument :

MSVOA_W

ClientSampled :

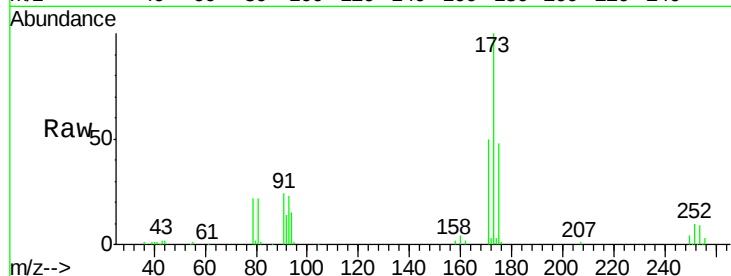
Tot Ion:173 Resp: 32304

Ion Ratio Lower Upper

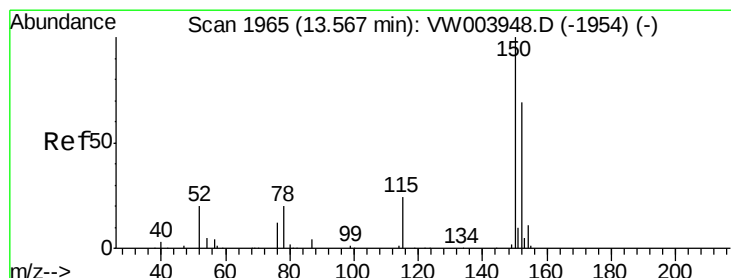
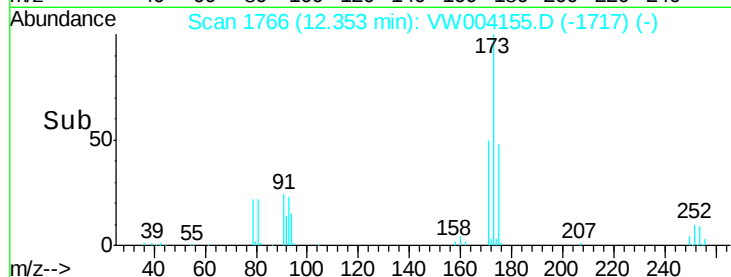
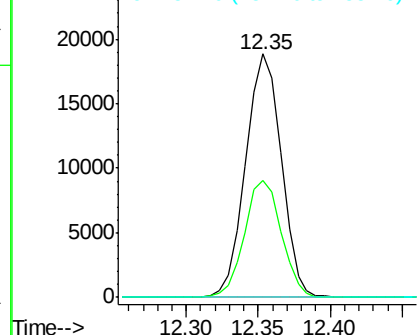
173 100

175 49.5 24.4 73.2

254 0.1 0.1 0.1#



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: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

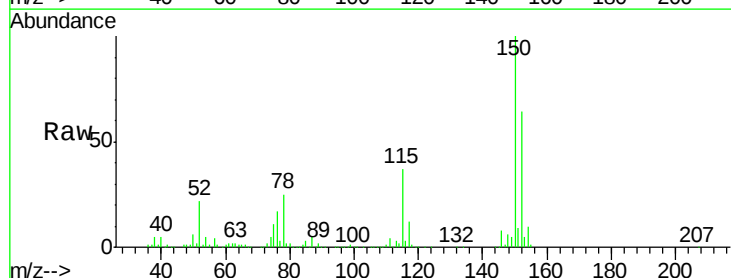
Tgt Ion:152 Resp: 196692

Ion Ratio Lower Upper

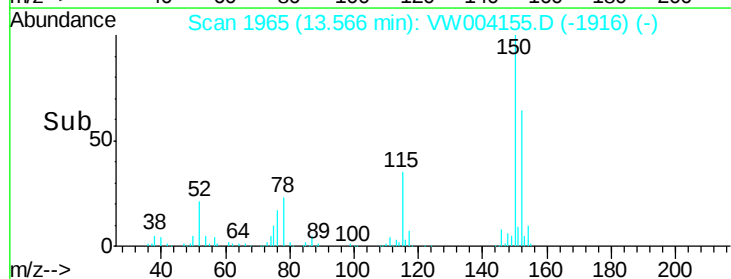
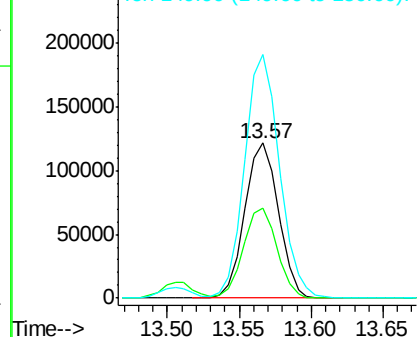
152 100

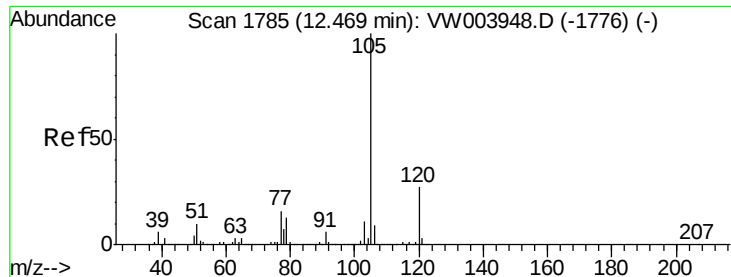
115 58.2 29.2 87.6

150 162.7 0.0 345.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.081 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Instrument :

MSVOA_W

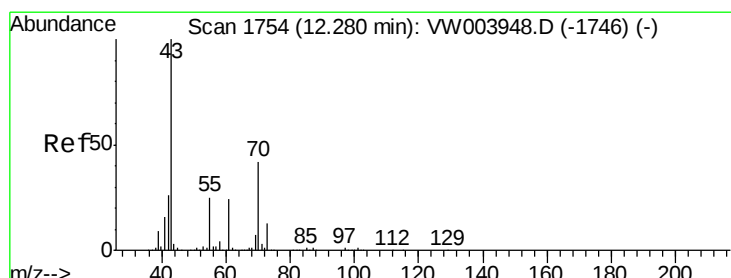
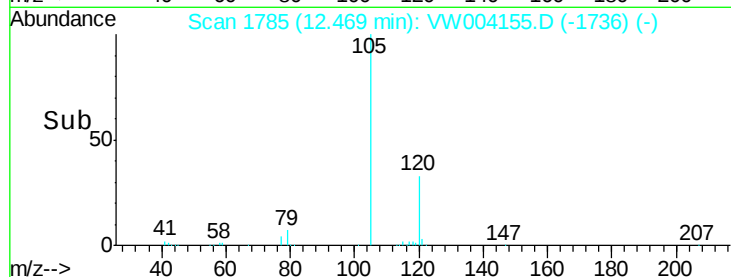
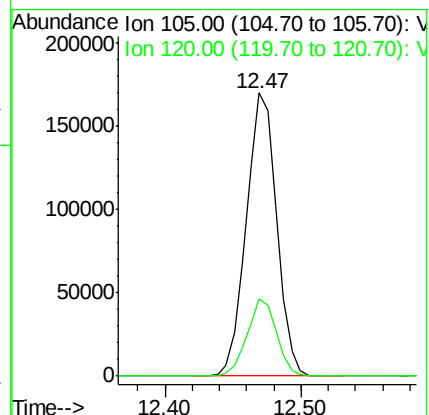
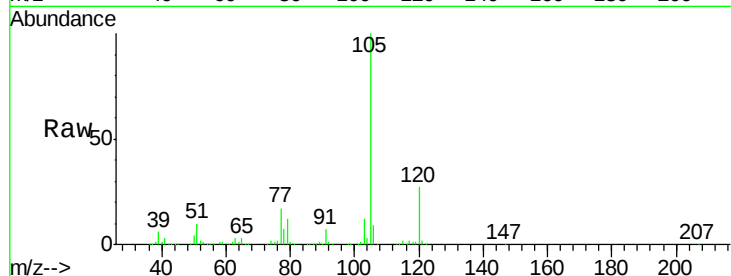
ClientSampleId :

Tot Ion:105 Resp: 265195

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.6



#74

N-ethyl acetate

Concen: 20.626 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Tgt Ion: 43 Resp: 74695

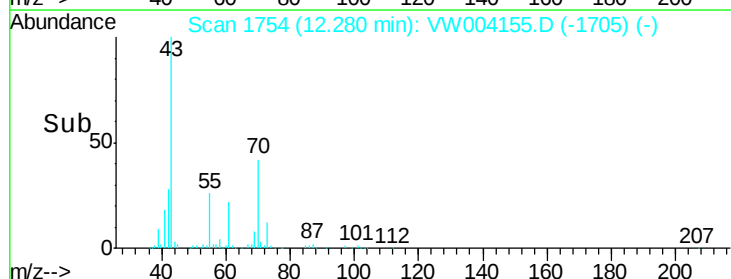
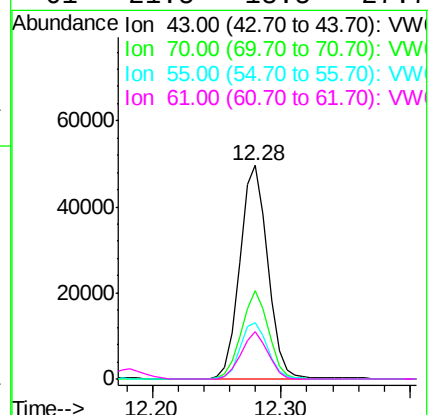
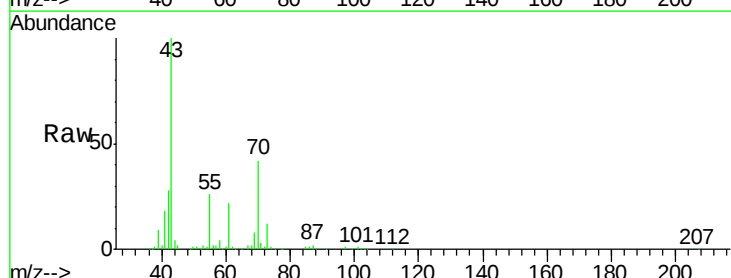
Ion Ratio Lower Upper

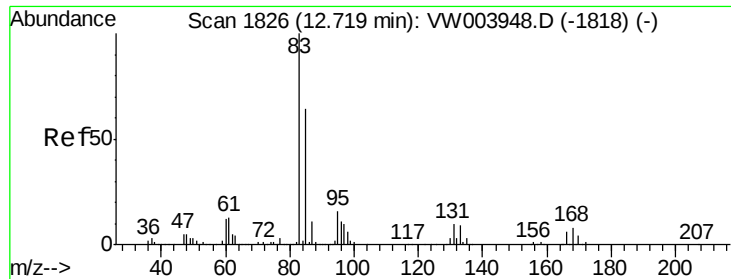
43 100

70 40.4 31.6 47.4

55 26.1 20.0 30.0

61 21.5 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 21.294 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Instrument :

MSVOA_W

ClientSampled :

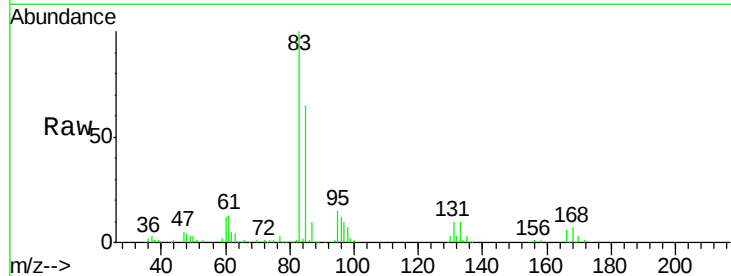
Tot Ion: 83 Resp: 57236

Ion Ratio Lower Upper

83 100

131 10.3 5.3 15.8

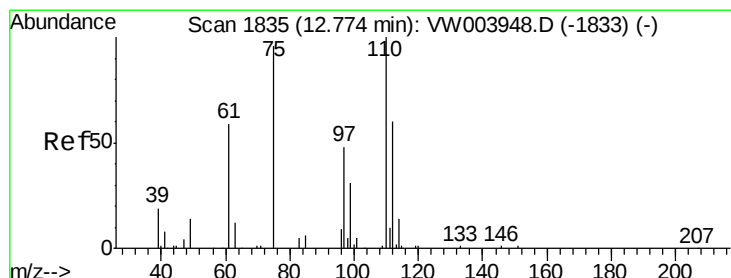
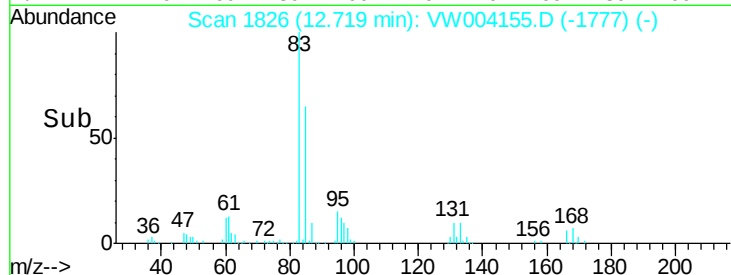
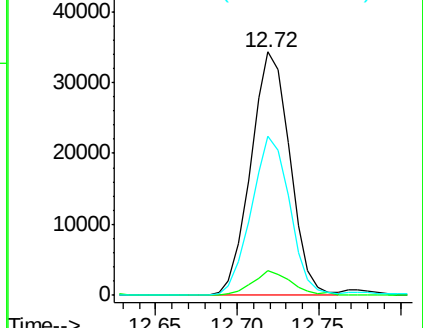
85 64.4 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 37.077 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW004155.D

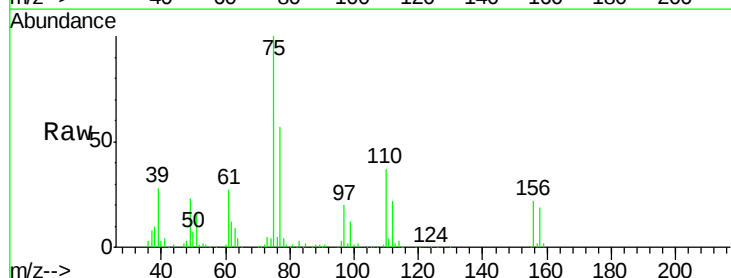
Acq: 24 Jul 2018 00:43

Tgt Ion: 75 Resp: 72401

Ion Ratio Lower Upper

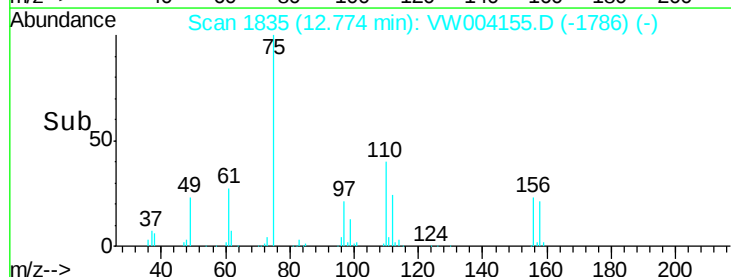
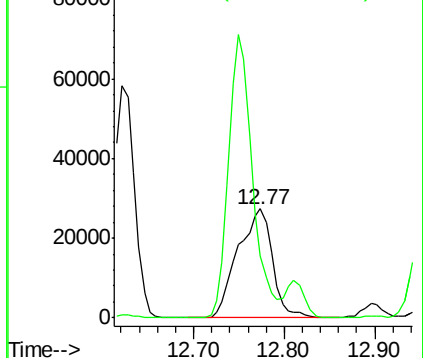
75 100

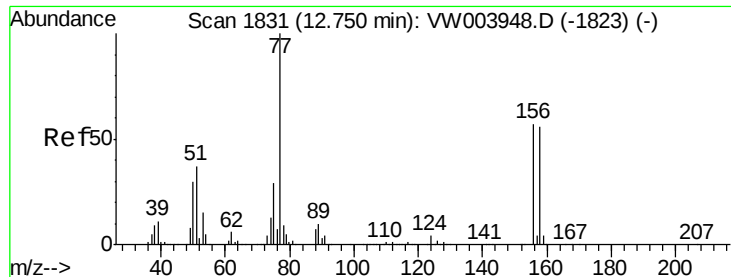
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.732 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

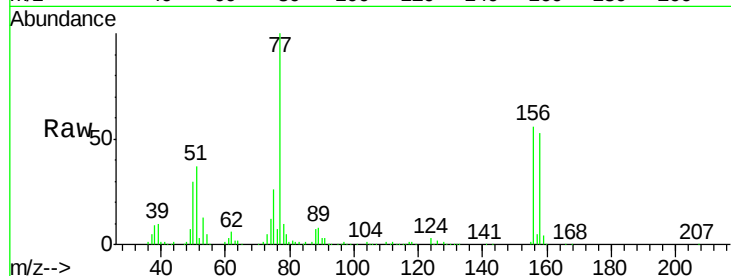
Tot Ion:156 Resp: 65624

Ion Ratio Lower Upper

156 100

77 198.4 96.2 288.6

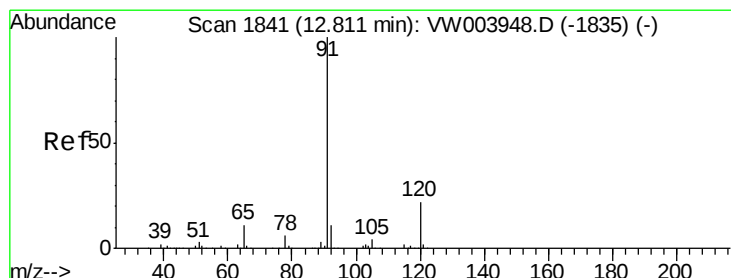
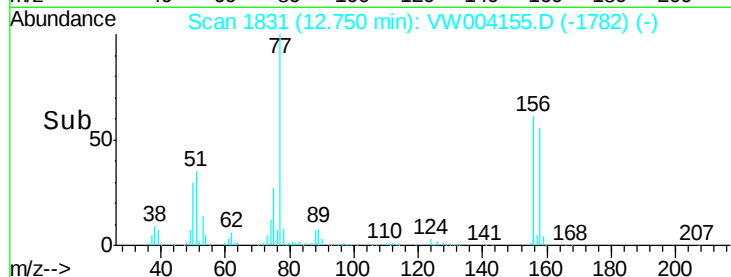
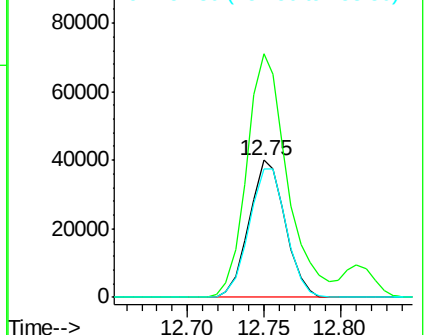
158 96.9 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.663 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW004155.D

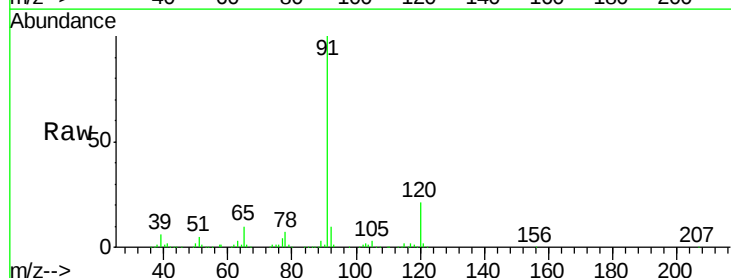
Acq: 24 Jul 2018 00:43

Tgt Ion: 91 Resp: 335281

Ion Ratio Lower Upper

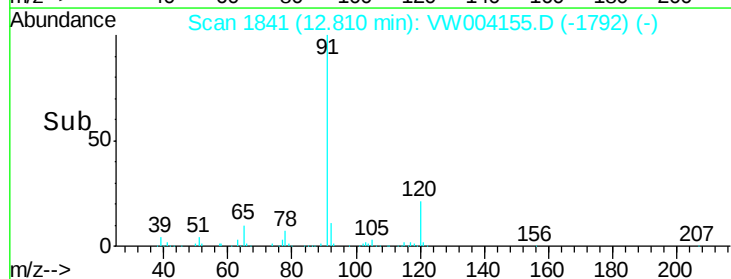
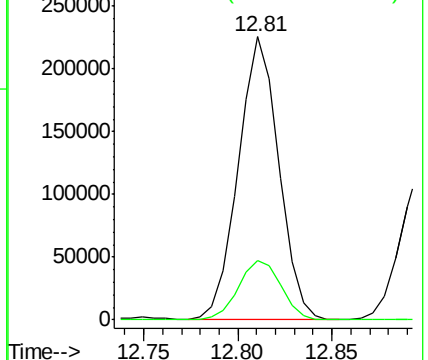
91 100

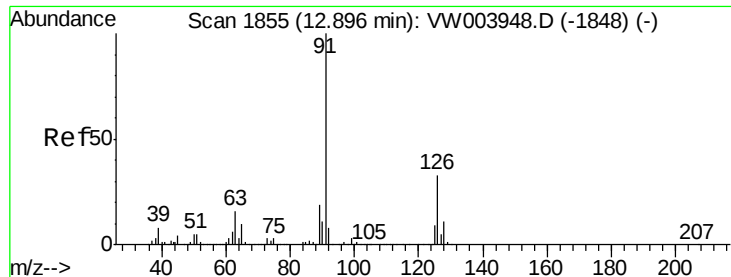
120 22.2 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

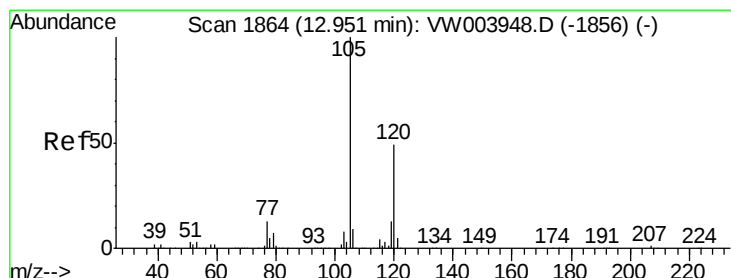
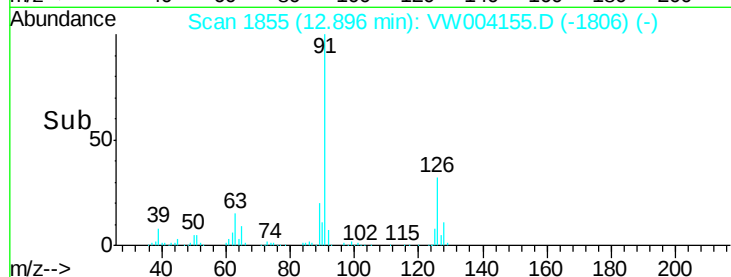
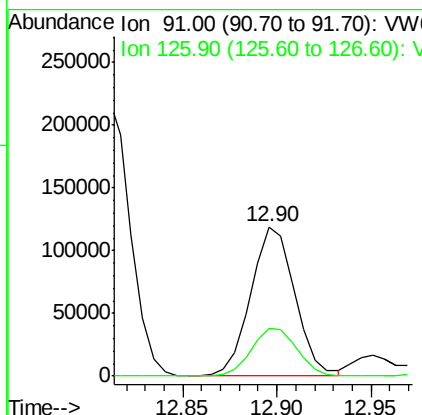
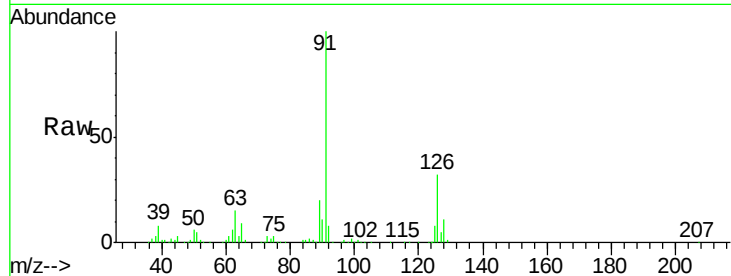




#79
 2-Chlorotoluene
 Concen: 20.098 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

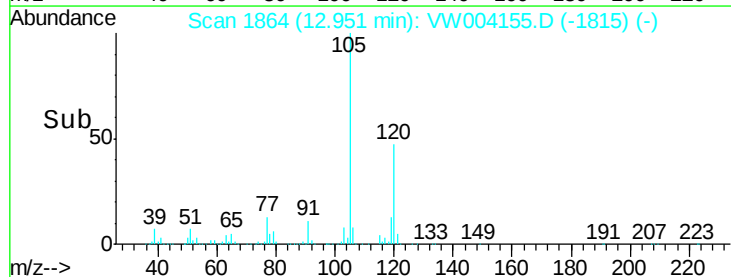
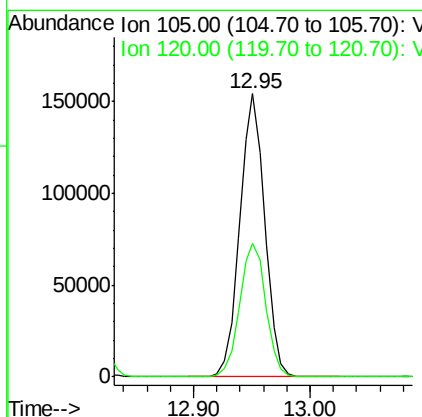
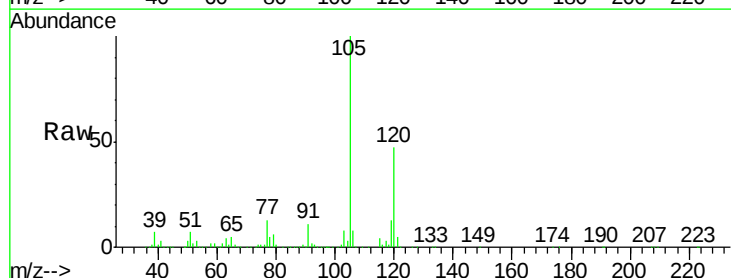
Instrument :
 MSVOA_W
 ClientSampleId :

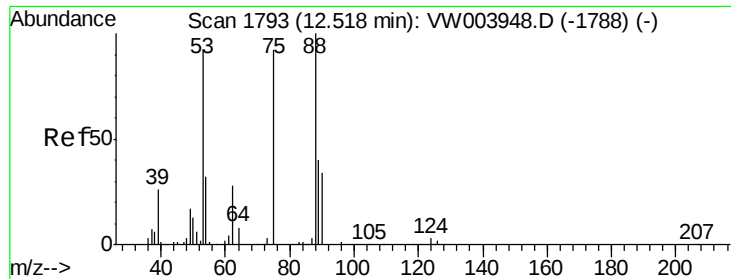
Tot Ion: 91 Resp: 193286
 Ion Ratio Lower Upper
 91 100
 126 33.1 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 19.726 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

Tgt Ion:105 Resp: 230724
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 18.326 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

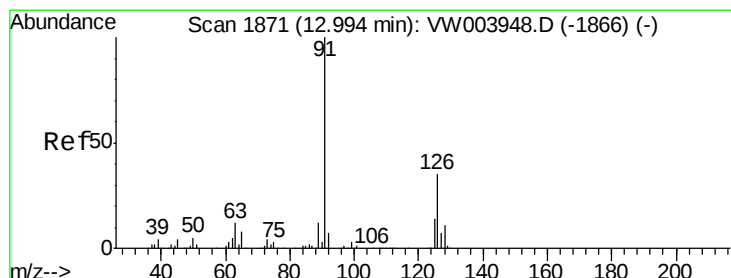
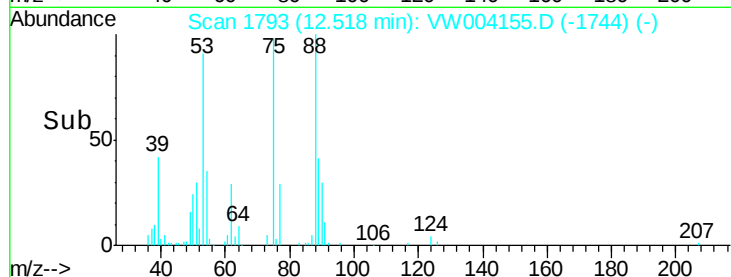
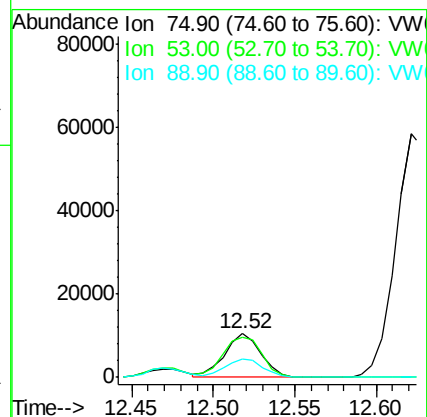
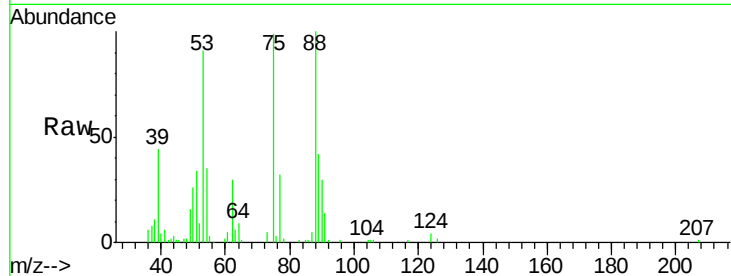
Tot Ion: 75 Resp: 16178

Ion Ratio Lower Upper

75 100

53 100.1 77.6 116.4

89 43.1 36.6 54.8



#82

4-Chlorotoluene

Concen: 19.792 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VW004155.D

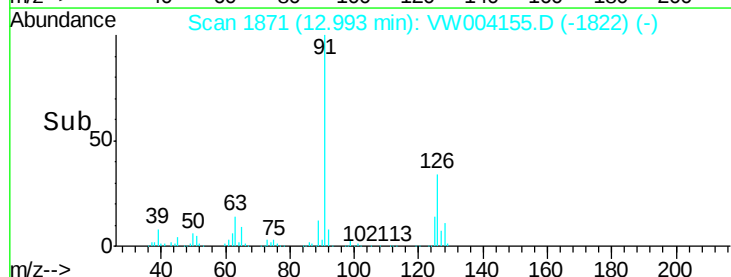
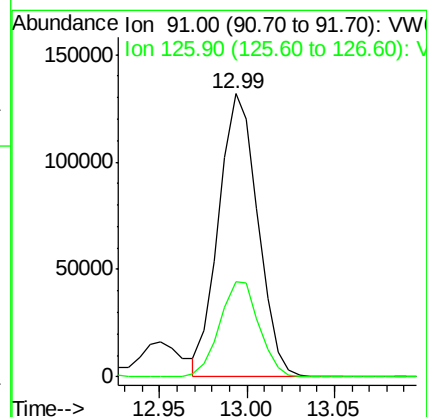
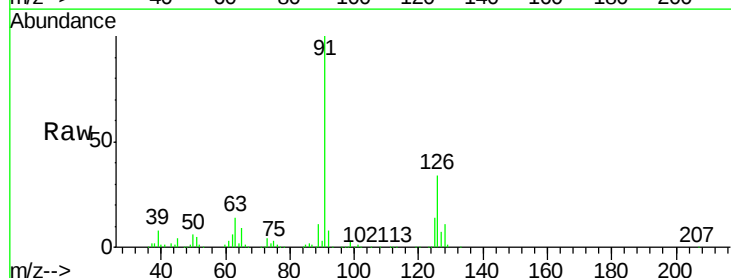
Acq: 24 Jul 2018 00:43

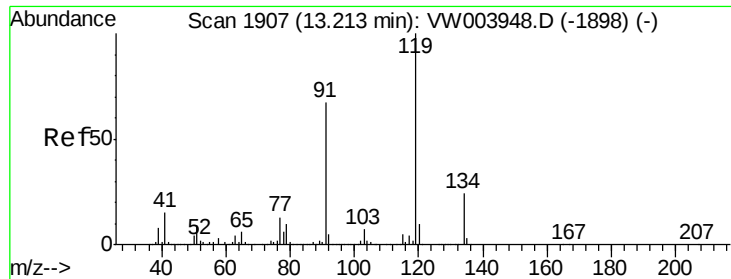
Tgt Ion: 91 Resp: 204261

Ion Ratio Lower Upper

91 100

126 34.2 16.7 50.0

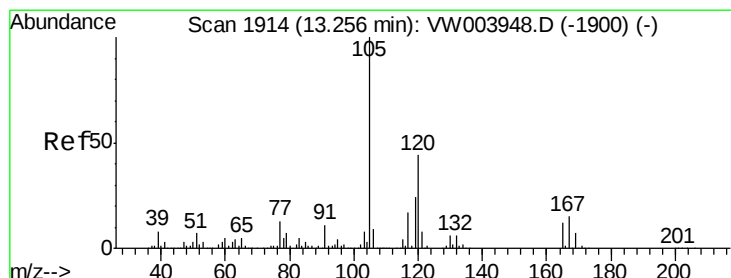
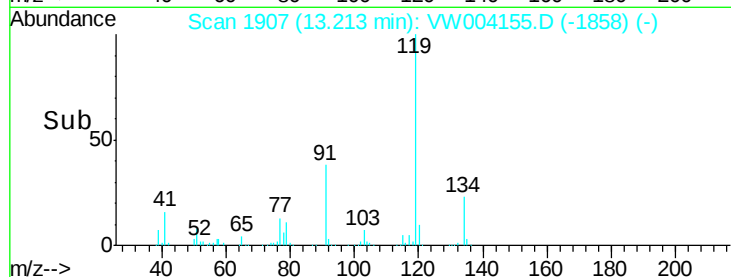
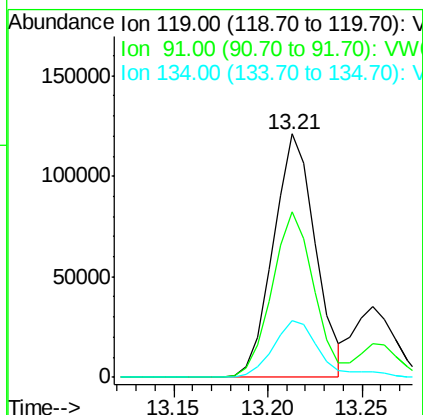
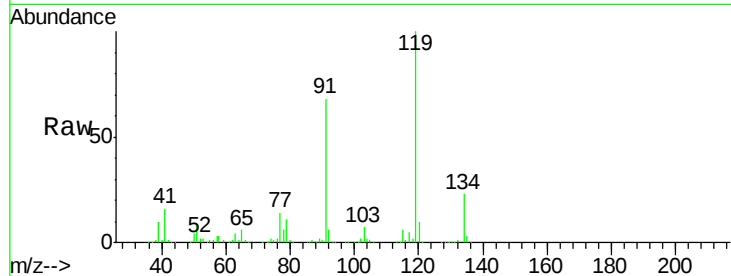




#83
tert-Butylbenzene
Concen: 19.106 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

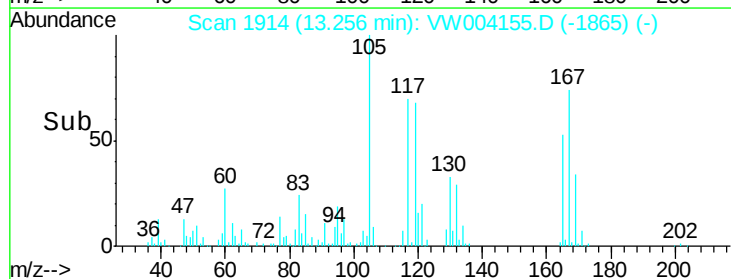
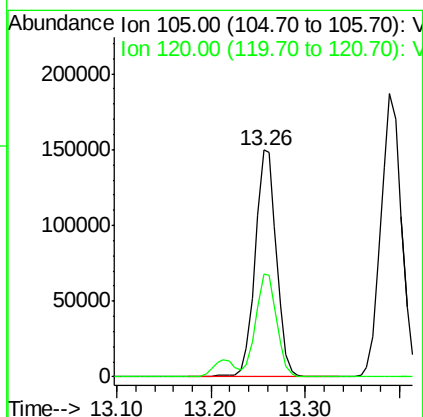
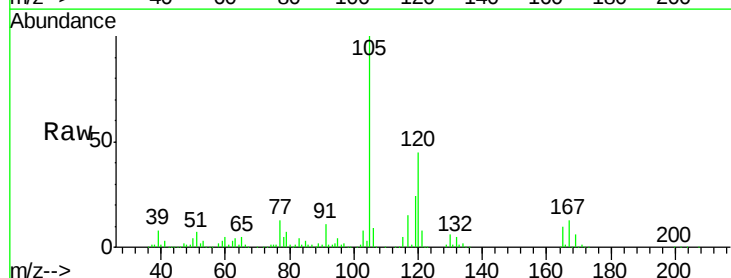
Instrument :
MSVOA_W
ClientSampleId :

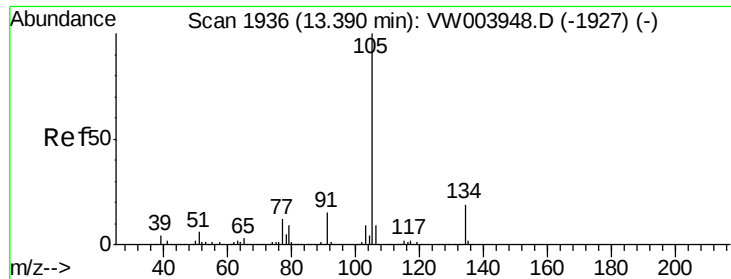
Tot Ion:119 Resp: 187617
Ion Ratio Lower Upper
119 100
91 68.6 33.2 99.6
134 26.0 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 19.791 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW004155.D
Acq: 24 Jul 2018 00:43

Tgt Ion:105 Resp: 238164
Ion Ratio Lower Upper
105 100
120 44.7 22.1 66.1

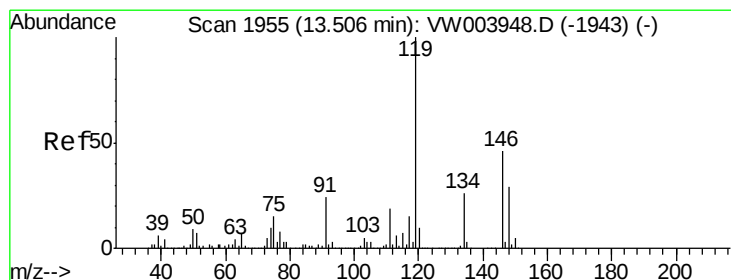
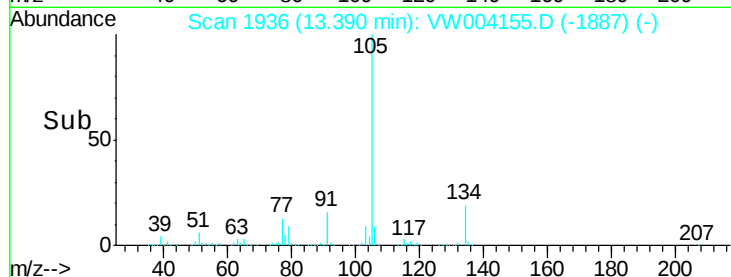
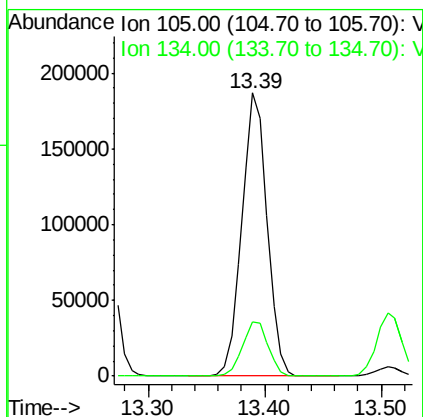
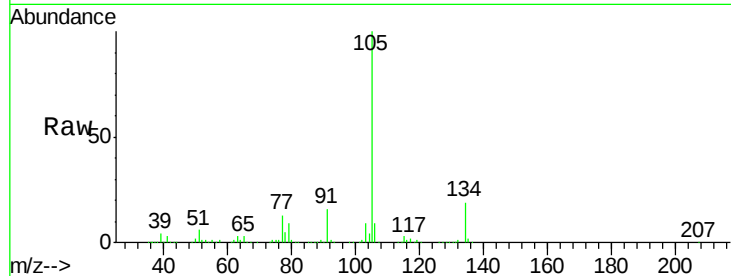




#85
 sec-Butylbenzene
 Concen: 19.442 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

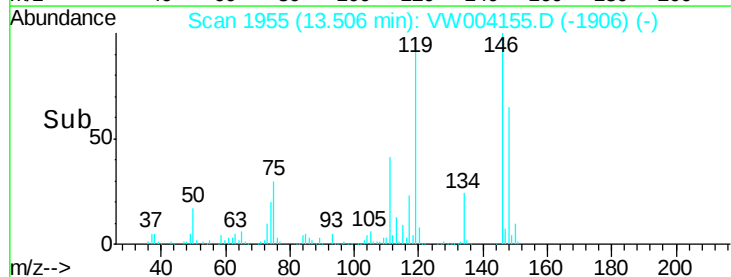
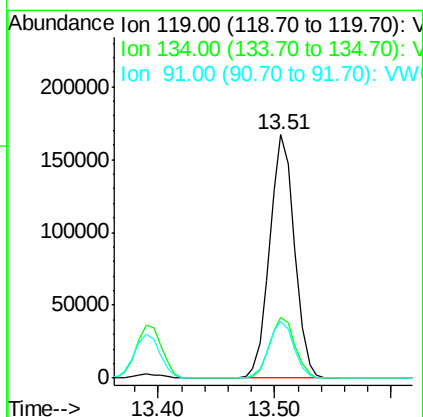
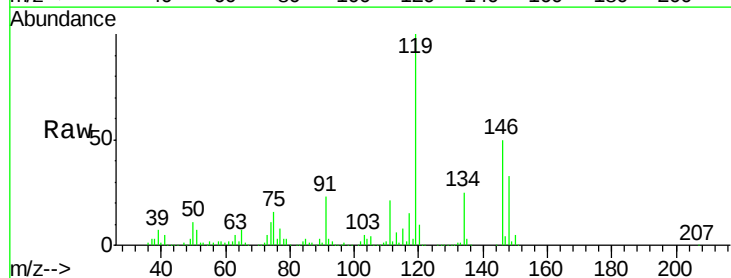
Instrument :
 MSVOA_W
 ClientSampleId :

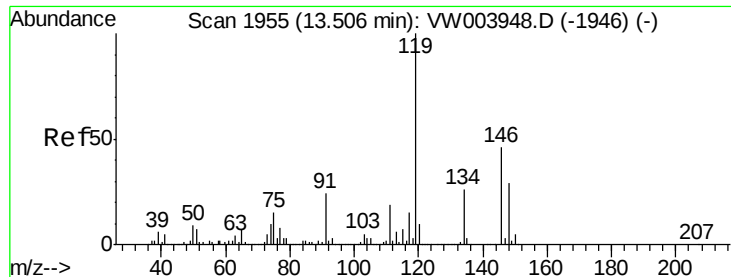
Tot Ion:105 Resp: 283281
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 19.376 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

Tgt Ion:119 Resp: 247630
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.0 38.9
 91 23.4 11.8 35.3

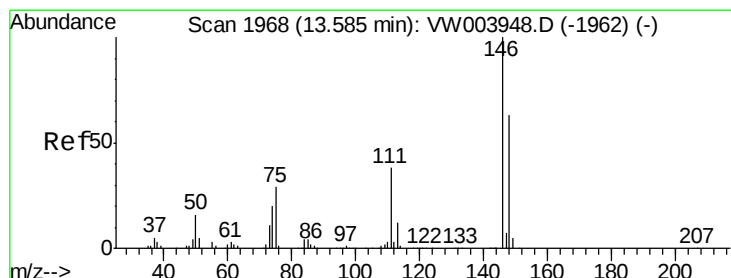
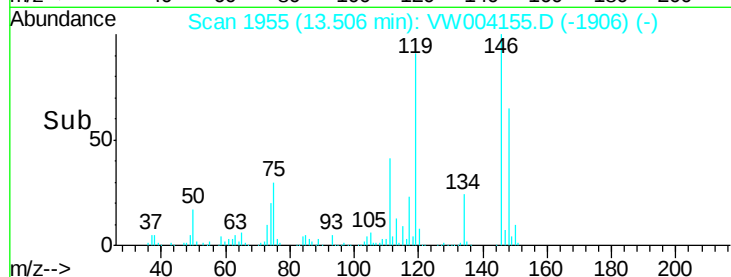
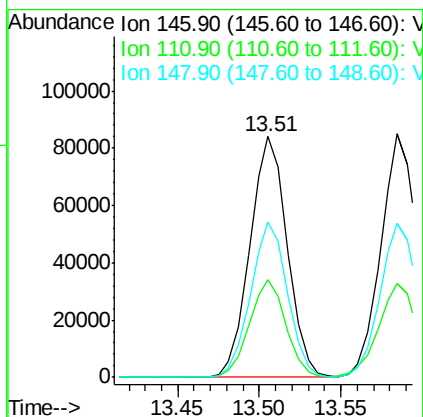
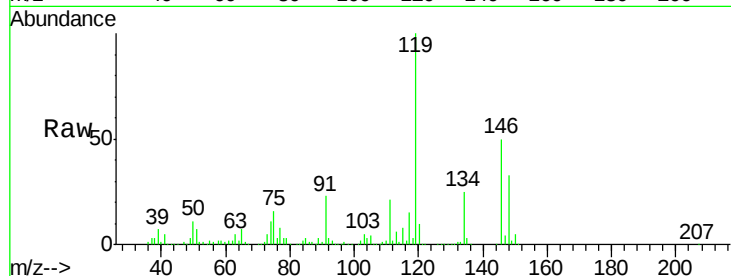




#87
 1,3-Dichlorobenzene
 Concen: 20.047 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

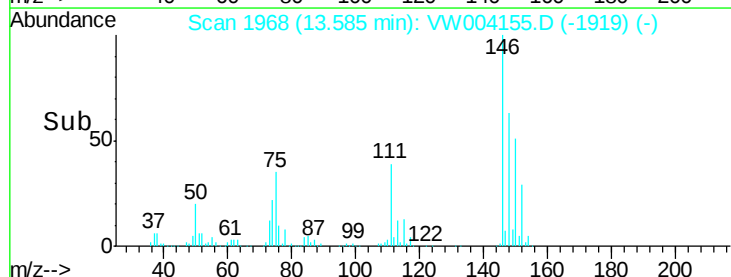
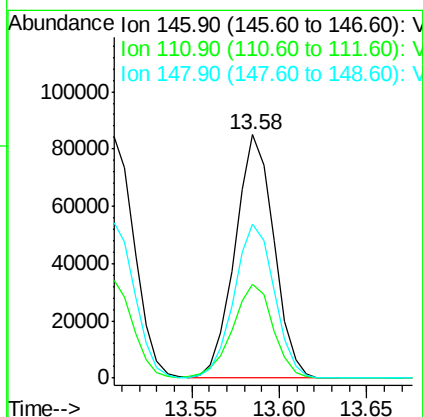
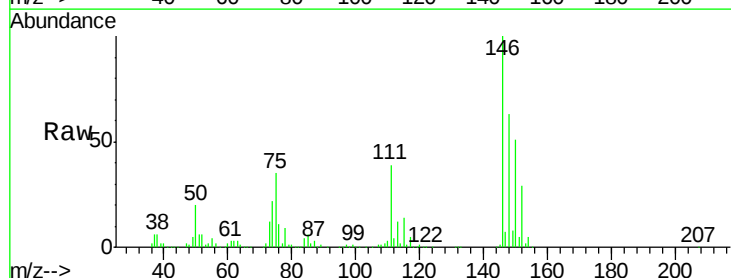
Instrument :
 MSVOA_W
 ClientSampleId :

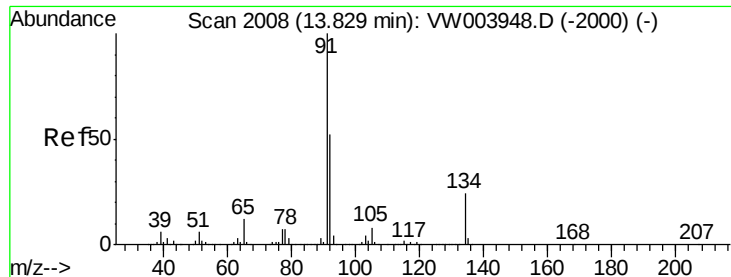
Tot Ion:146 Resp: 133161
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.9 59.6
 148 63.7 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 19.769 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

Tgt Ion:146 Resp: 131692
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.6 58.7
 148 65.4 32.3 96.8





#89

n-Butylbenzene

Concen: 18.466 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.01 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Instrument :

MSVOA_W

ClientSampled :

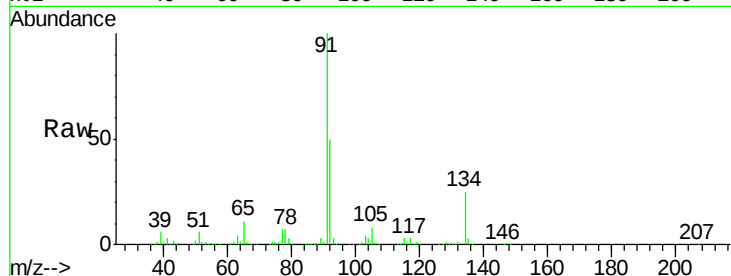
Tot Ion: 91 Resp: 232002

Ion Ratio Lower Upper

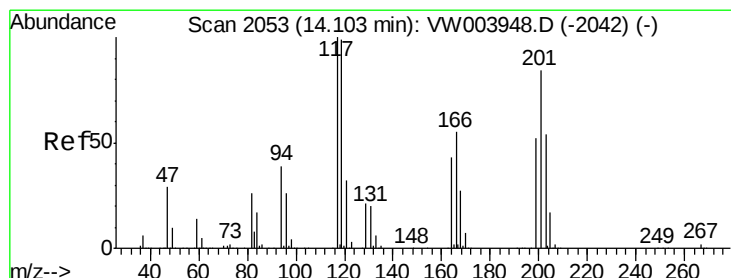
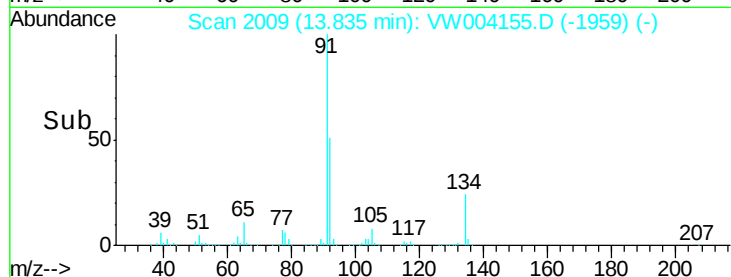
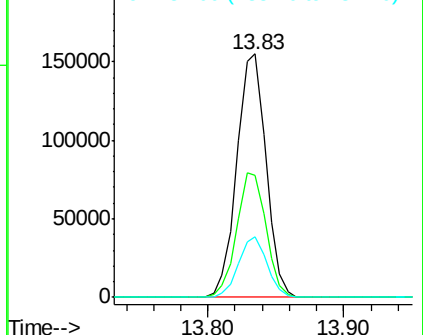
91 100

92 51.4 26.1 78.3

134 24.3 12.4 37.4



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: 19.722 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. -0.00 min

Lab File: VW004155.D

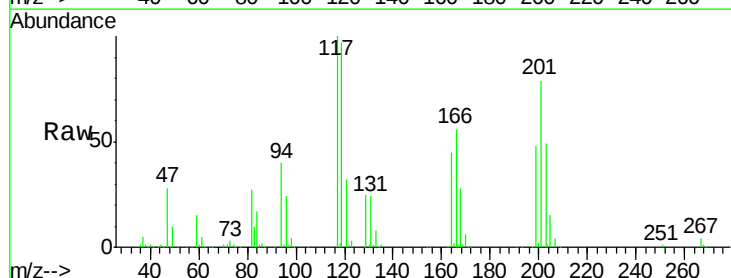
Acq: 24 Jul 2018 00:43

Tgt Ion: 117 Resp: 46462

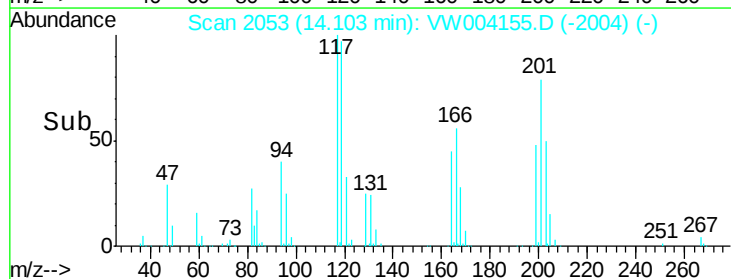
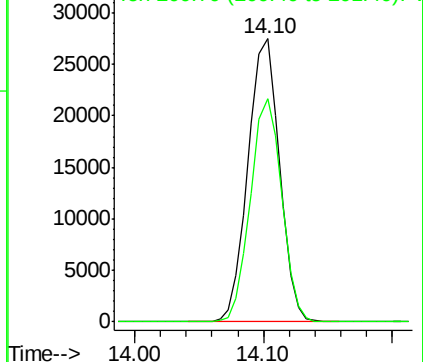
Ion Ratio Lower Upper

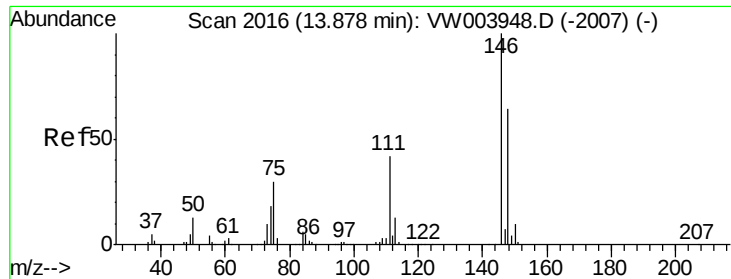
117 100

201 78.2 40.3 120.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

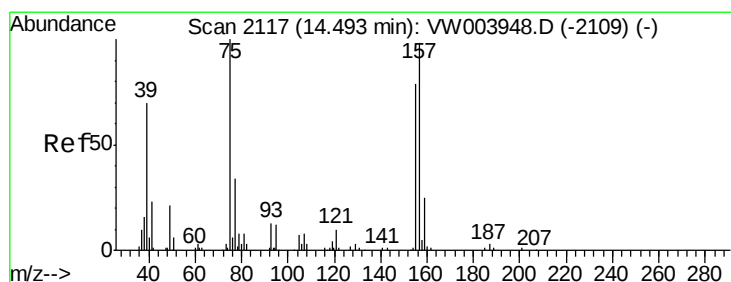
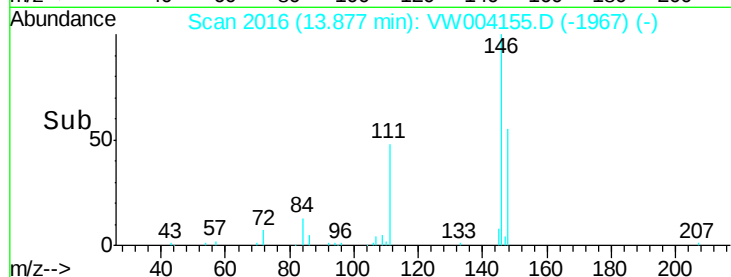
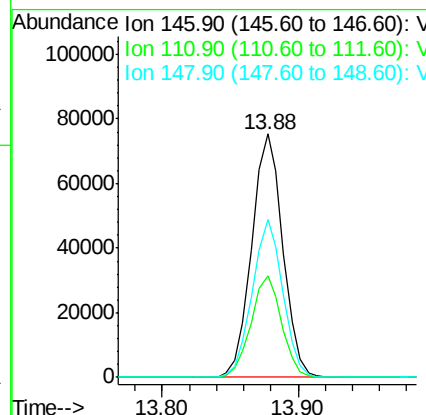
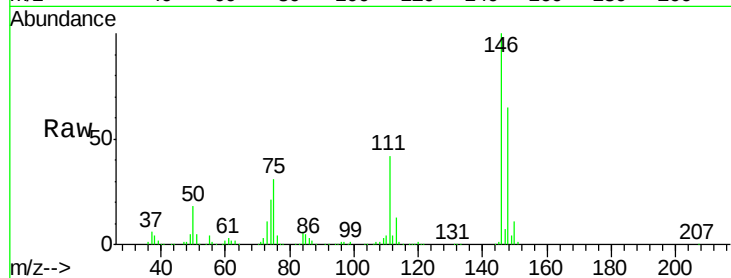




#91
 1,2-Dichlorobenzene
 Concen: 20.369 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

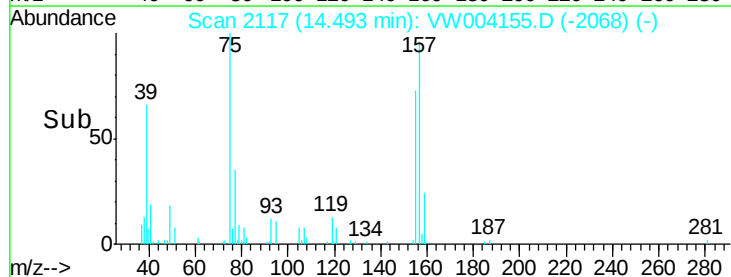
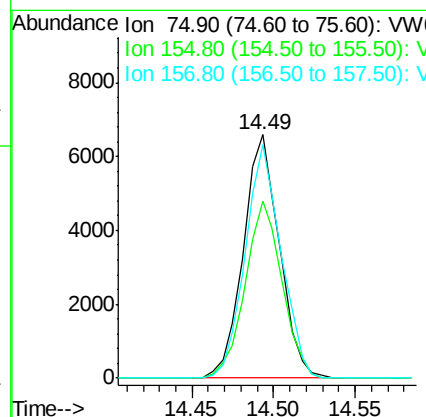
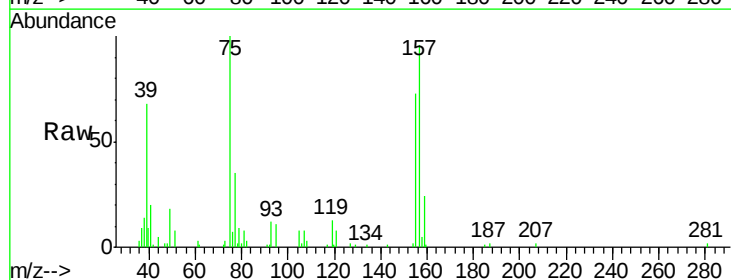
Instrument :
 MSVOA_W
 ClientSampleId :

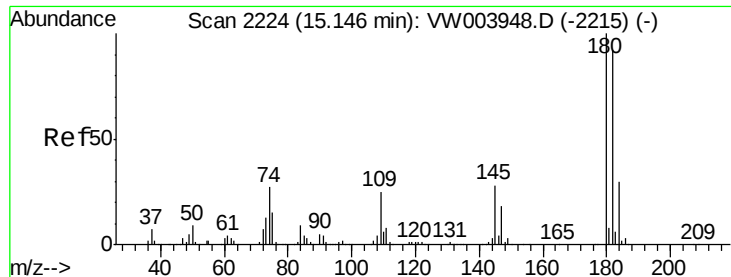
Tot Ion:146 Resp: 120544
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.7 62.1
 148 63.9 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.204 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

Tgt Ion: 75 Resp: 10135
 Ion Ratio Lower Upper
 75 100
 155 74.3 39.4 118.1
 157 95.6 51.8 155.4

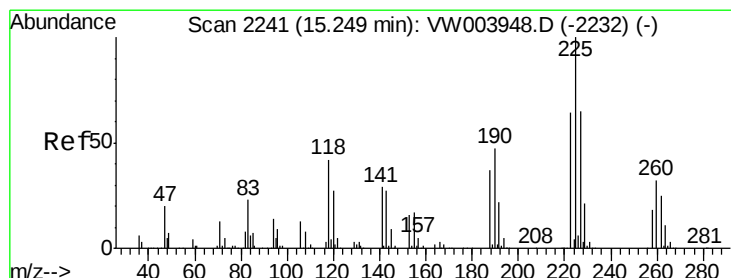
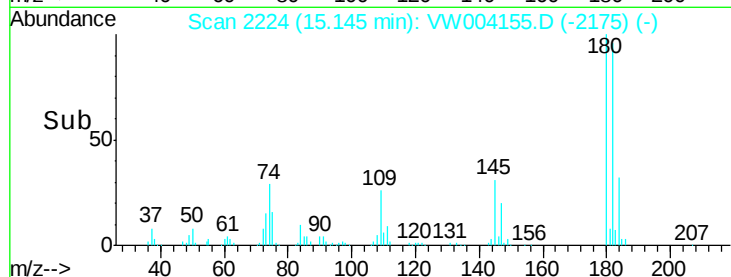
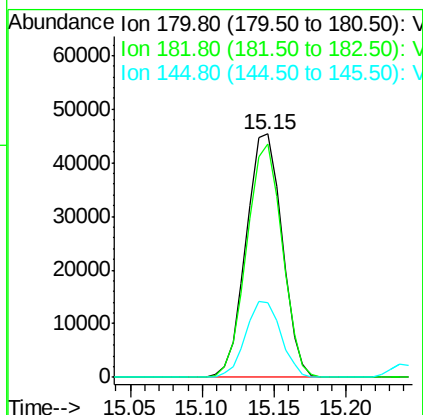
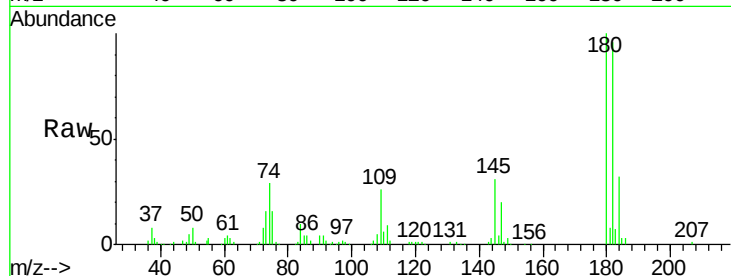




#93
 1,2,4-Trichlorobenzene
 Concen: 18.879 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

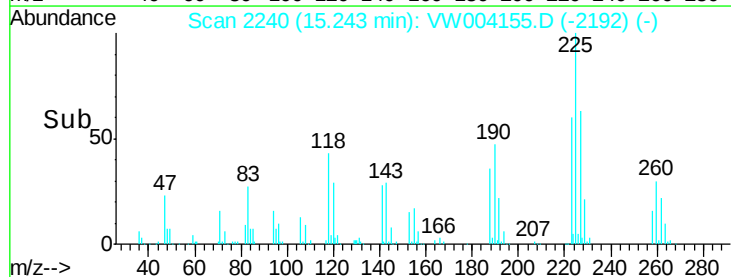
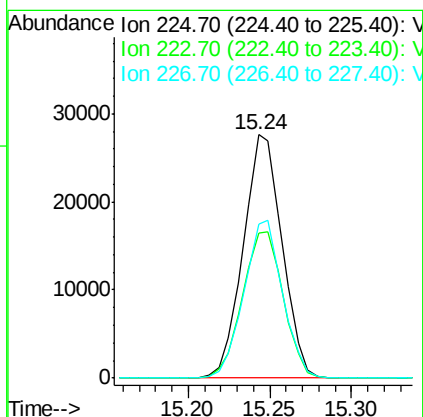
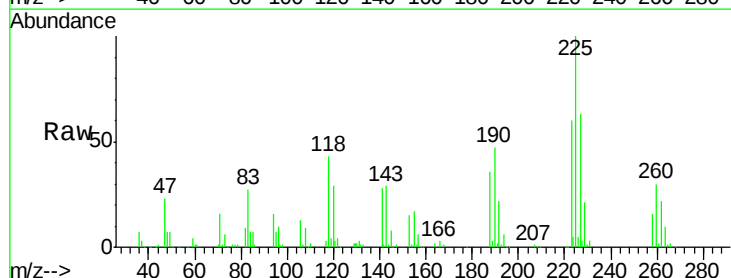
Instrument :
 MSVOA_W
 ClientSampled :

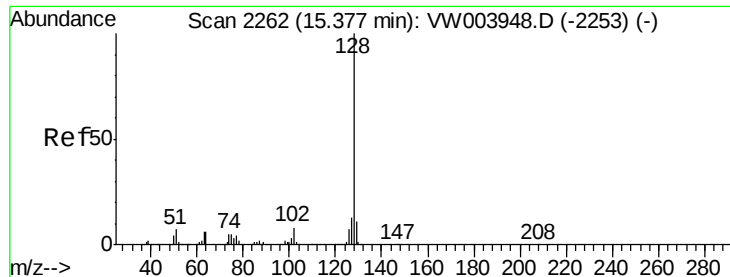
Tot Ion:180 Resp: 78470
 Ion Ratio Lower Upper
 180 100
 182 94.3 46.9 140.8
 145 30.6 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 19.188 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW004155.D
 Acq: 24 Jul 2018 00:43

Tgt Ion:225 Resp: 45796
 Ion Ratio Lower Upper
 225 100
 223 63.1 32.0 96.2
 227 64.5 32.3 96.9





#95

Naphthalene

Concen: 19.659 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

Instrument :

MSVOA_W

ClientSampleId :

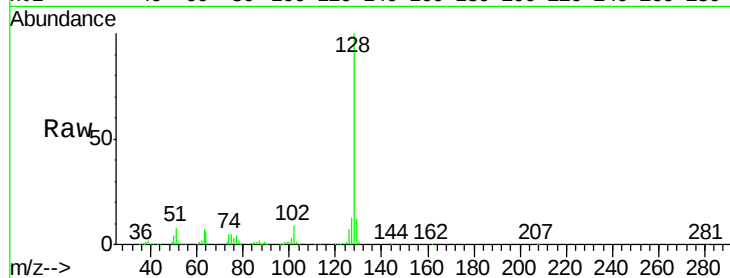
Tot Ion:128 Resp: 150816

Ion Ratio Lower Upper

128 100

127 13.8 10.7 16.1

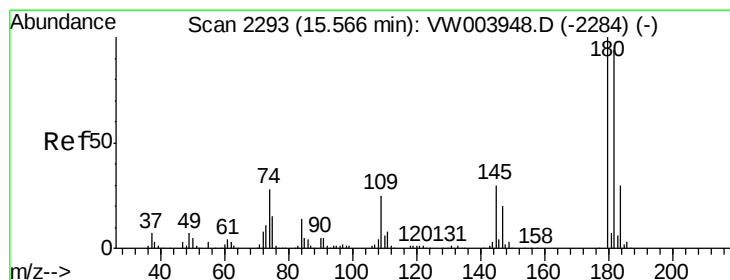
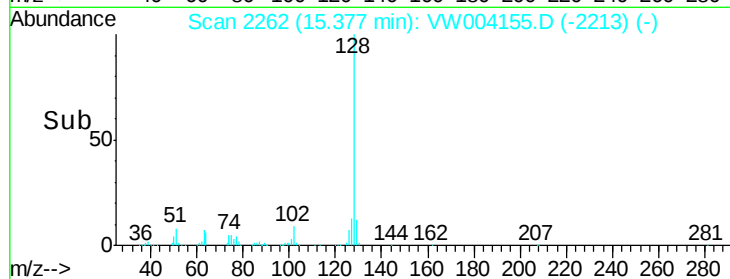
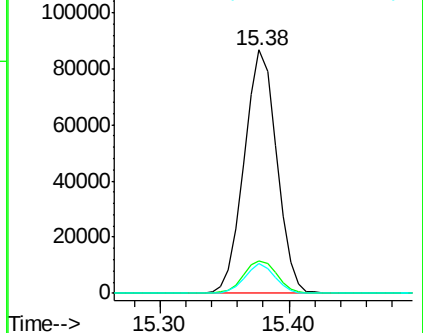
129 11.4 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.067 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VW004155.D

Acq: 24 Jul 2018 00:43

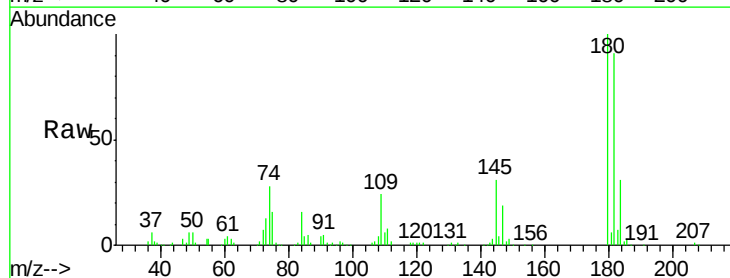
Tgt Ion:180 Resp: 73845

Ion Ratio Lower Upper

180 100

182 92.1 47.5 142.6

145 32.5 15.8 47.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

