

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092518\
 Data File : VW005630.D
 Acq On : 26 Sep 2018 01:38
 Operator : VA/AP
 Sample : VW0925SBS02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS02

Quant Time: Sep 26 05:52:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	237561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	364241	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	342909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	186638	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	124725	44.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.14%	
35) Dibromofluoromethane	7.89	113	105286	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	
50) Toluene-d8	10.33	98	429367	46.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.08%	
62) 4-Bromofluorobenzene	12.62	95	159991	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	29543	18.632	ug/l	99
3) Chloromethane	2.21	50	31682	16.590	ug/l	93
4) Vinyl Chloride	2.37	62	49171	21.541	ug/l	95
5) Bromomethane	2.79	94	29324	19.009	ug/l	98
6) Chloroethane	2.92	64	28253	19.289	ug/l	98
7) Trichlorofluoromethane	3.25	101	29153	16.329	ug/l	91
8) Diethyl Ether	3.68	74	24265	20.806	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	45131	19.970	ug/l	99
10) Methyl Iodide	4.26	142	72396	20.830	ug/l	96
11) Tert butyl alcohol	5.22	59	16388	112.104	ug/l #	72
12) 1,1-Dichloroethene	4.03	96	44500	20.568	ug/l	94
13) Acrolein	3.90	56	11622	109.190	ug/l	100
14) Allyl chloride	4.66	41	76932	20.375	ug/l	97
15) Acrylonitrile	5.38	53	54360	104.983	ug/l	99
16) Acetone	4.14	43	48118	103.850	ug/l	98
17) Carbon Disulfide	4.37	76	134955	19.964	ug/l	100
18) Methyl Acetate	4.68	43	25914	19.536	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	69439	20.793	ug/l	96
20) Methylene Chloride	4.92	84	58764	22.722	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	49144	20.738	ug/l	98
22) Diisopropyl ether	6.32	45	155479	21.211	ug/l	98
23) Vinyl Acetate	6.26	43	440376	105.112	ug/l	100
24) 1,1-Dichloroethane	6.22	63	92136	20.345	ug/l	98
25) 2-Butanone	7.18	43	70329	103.467	ug/l	98
26) 2,2-Dichloropropane	7.17	77	56965	18.018	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	53020	20.285	ug/l	99
28) Bromochloromethane	7.51	49	36637	20.423	ug/l #	98
29) Tetrahydrofuran	7.54	42	45452	107.035	ug/l	98
30) Chloroform	7.68	83	95848	20.500	ug/l	99
31) Cyclohexane	7.95	56	84310	19.432	ug/l	93
32) 1,1,1-Trichloroethane	7.88	97	81914	19.832	ug/l	98
36) 1,1-Dichloropropene	8.09	75	73732	20.109	ug/l	99
37) Ethyl Acetate	7.26	43	30799	19.960	ug/l	99
38) Carbon Tetrachloride	8.07	117	75082	19.109	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	86072	19.896	ug/l	98
40) Benzene	8.33	78	211637	20.371	ug/l	99
41) Methacrylonitrile	7.49	41	17601	20.045	ug/l	93
42) 1,2-Dichloroethane	8.40	62	66594	20.021	ug/l	97
43) Isopropyl Acetate	8.43	43	63125	20.808	ug/l	99
44) Trichloroethene	9.10	130	54137	20.358	ug/l	97
45) 1,2-Dichloropropane	9.37	63	52338	20.477	ug/l	99
46) Dibromomethane	9.46	93	26434	20.699	ug/l	98
47) Bromodichloromethane	9.65	83	67759	19.752	ug/l	99
48) Methyl methacrylate	9.44	41	29807	20.686	ug/l	96
49) 1,4-Dioxane	9.49	88	8600	423.572	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	161749	105.858	ug/l	100
52) Toluene	10.39	92	132746	20.478	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	68151	19.817	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	77375	20.081	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	37236	20.541	ug/l	95
56) Ethyl methacrylate	10.65	69	46257	20.671	ug/l	99
57) 1,3-Dichloropropane	10.94	76	67112	20.889	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	112993	111.390	ug/l	98
59) 2-Hexanone	10.98	43	106278	102.388	ug/l	98
60) Dibromochloromethane	11.13	129	45149	20.613	ug/l	99
61) 1,2-Dibromoethane	11.24	107	36275	21.463	ug/l	99
64) Tetrachloroethene	10.87	164	49629	20.392	ug/l	99
65) Chlorobenzene	11.66	112	146769	20.162	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	51744	19.750	ug/l	97
67) Ethyl Benzene	11.74	91	255262	19.755	ug/l	98
68) m/p-Xylenes	11.85	106	197520	40.461	ug/l	100
69) o-Xylene	12.17	106	91049	19.915	ug/l	99
70) Styrene	12.19	104	156628	20.357	ug/l	99
71) Bromoform	12.35	173	28163	20.251	ug/l #	98
73) Isopropylbenzene	12.47	105	261027	20.168	ug/l	100
74) N-amyl acetate	12.28	43	59704	20.371	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	44177	20.549	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	61930	38.926	ug/l #	100
77) Bromobenzene	12.76	156	60620	19.983	ug/l	99
78) n-propylbenzene	12.81	91	314884	20.095	ug/l	99
79) 2-Chlorotoluene	12.90	91	184061	20.303	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	225950	20.077	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	13922	19.709	ug/l	95
82) 4-Chlorotoluene	12.99	91	195908	20.452	ug/l	99
83) tert-Butylbenzene	13.21	119	190776	20.177	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	234019	20.605	ug/l	99
85) sec-Butylbenzene	13.39	105	276071	20.132	ug/l	99
86) p-Isopropyltoluene	13.51	119	249139	20.270	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	125166	20.179	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	124112	20.118	ug/l	98
89) n-Butylbenzene	13.83	91	229484	19.794	ug/l	99
90) Hexachloroethane	14.10	117	44725	20.076	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	112282	20.505	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8123	19.832	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Sep 21 09:05:42 2018
Response via : Initial Calibration

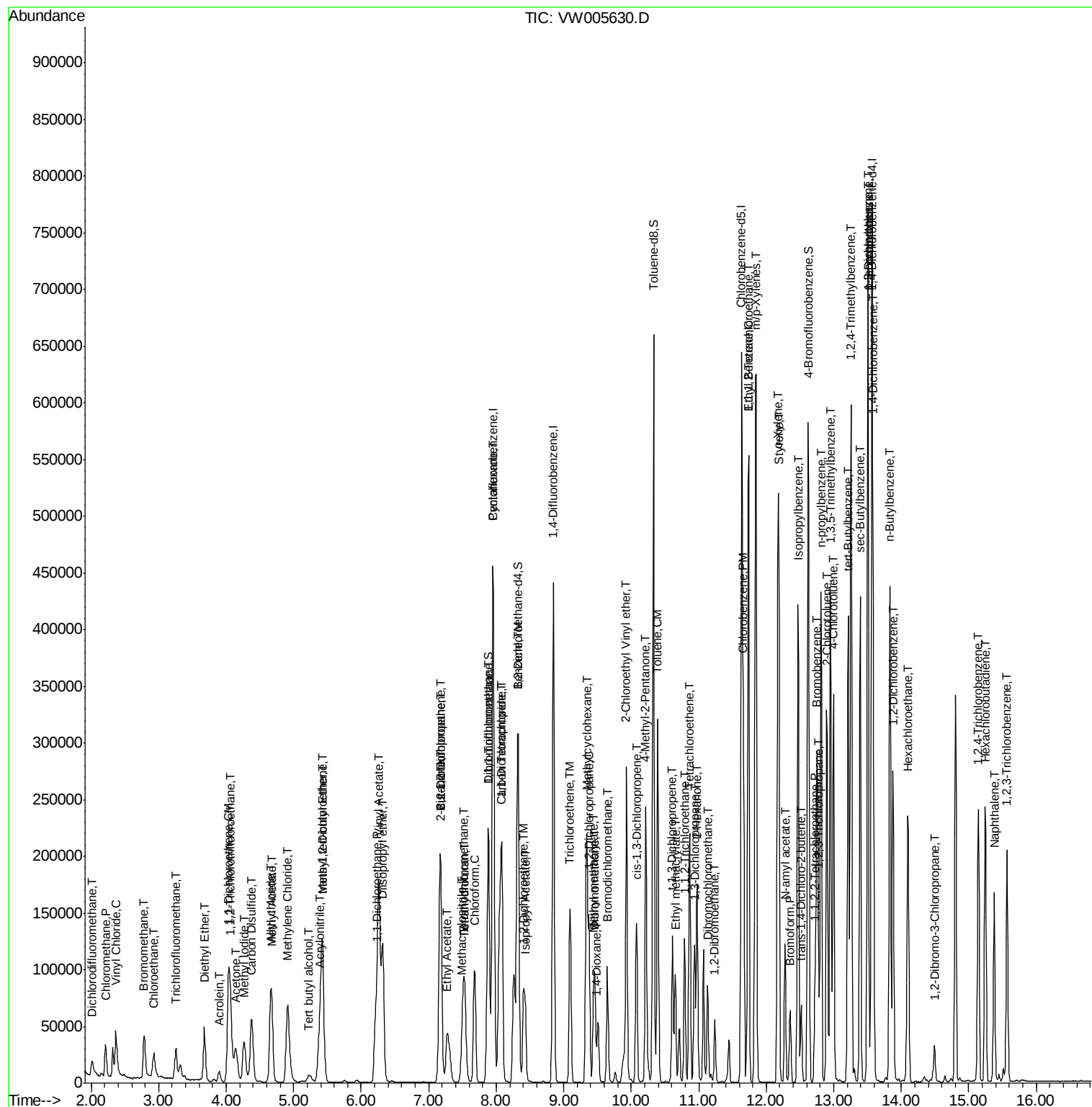
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	79731	20.412	ug/l	99
94) Hexachlorobutadiene	15.24	225	48585	19.199	ug/l	99
95) Naphthalene	15.38	128	138826	21.129	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	71706	20.830	ug/l	100

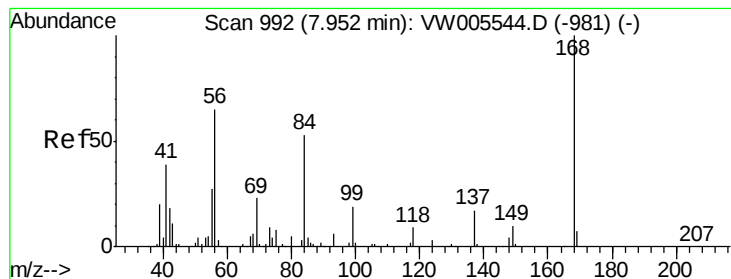
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

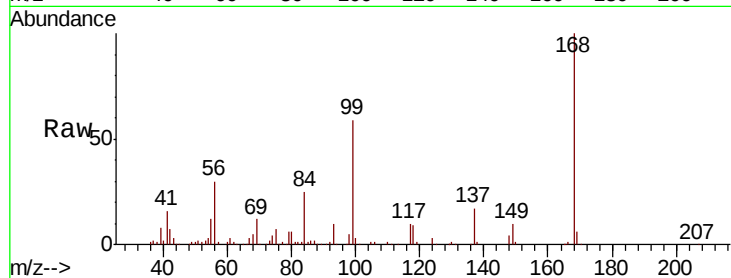
VW0925SBS02

Tgt Ion:168 Resp: 237561

Ion Ratio Lower Upper

168 100

99 58.9 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

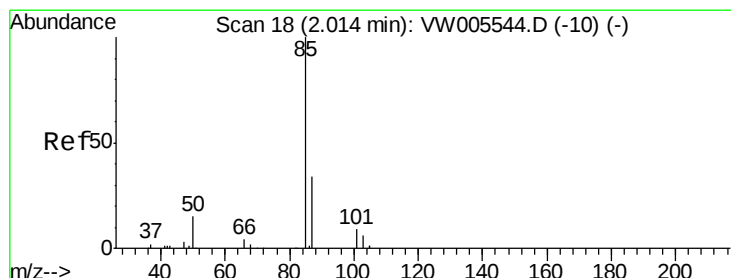
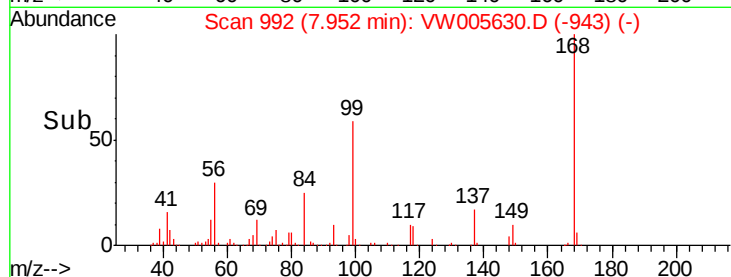
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.632 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW005630.D

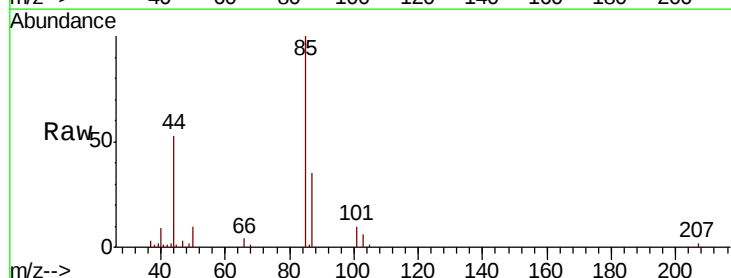
Acq: 26 Sep 2018 01:38

Tgt Ion: 85 Resp: 29543

Ion Ratio Lower Upper

85 100

87 34.7 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

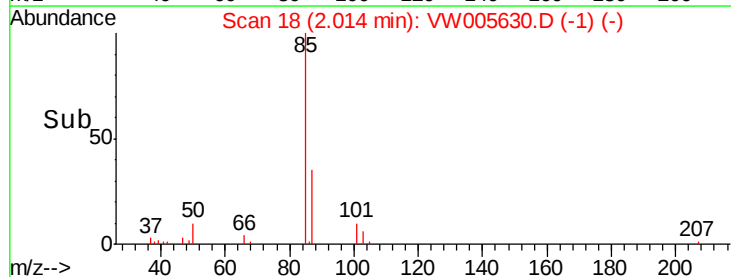
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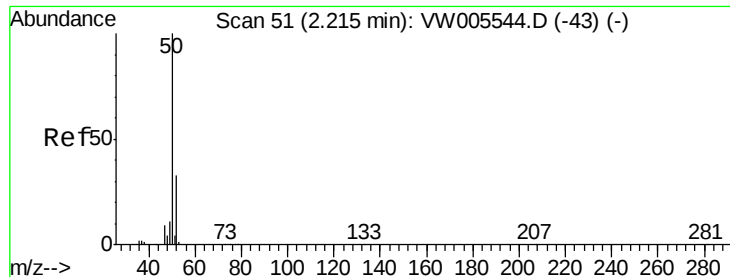
4000

2000

0

Time-->





#3

Chloromethane

Concen: 16.590 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

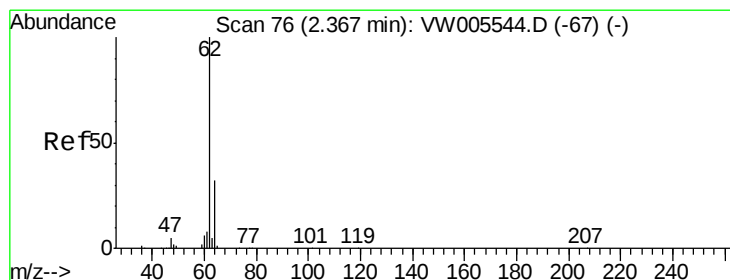
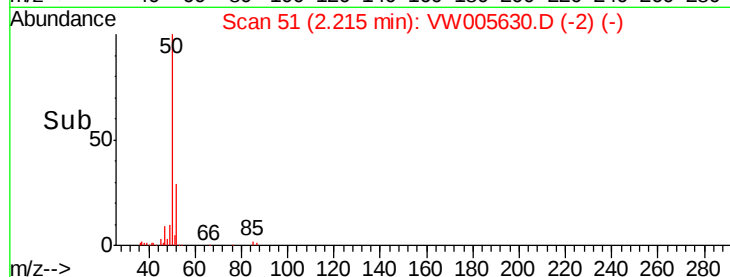
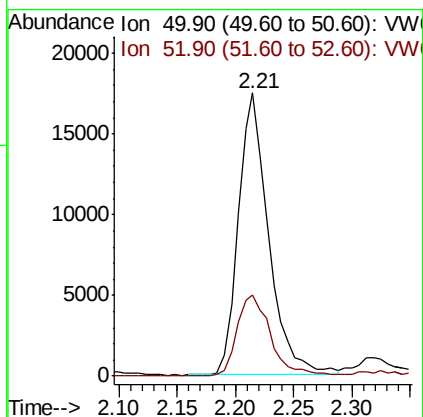
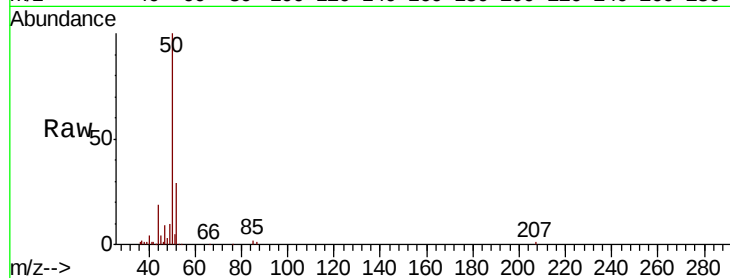
VW0925SBS02

Tgt Ion: 50 Resp: 31682

Ion Ratio Lower Upper

50 100

52 28.9 26.2 39.4



#4

Vinyl Chloride

Concen: 21.541 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW005630.D

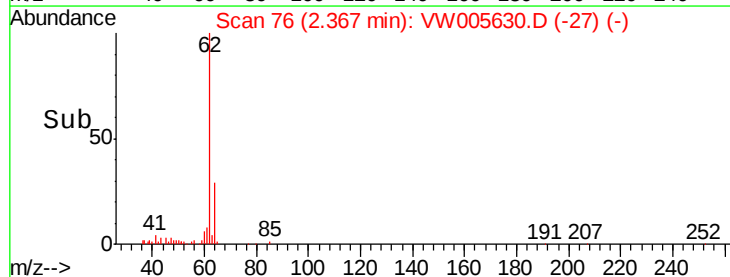
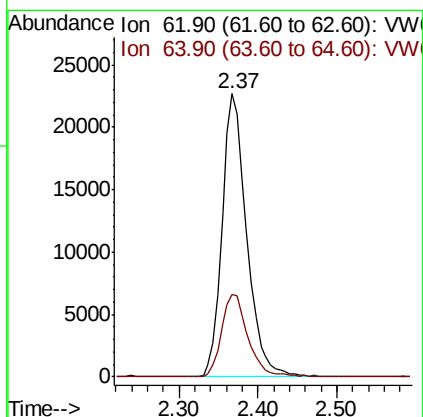
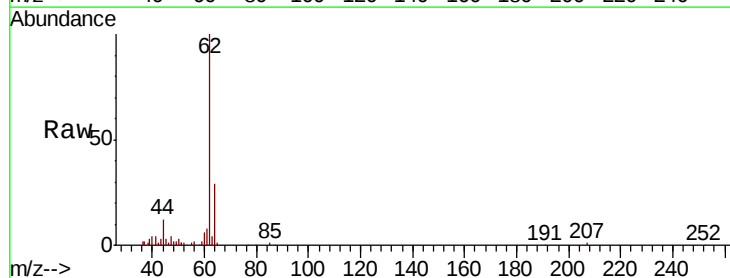
Acq: 26 Sep 2018 01:38

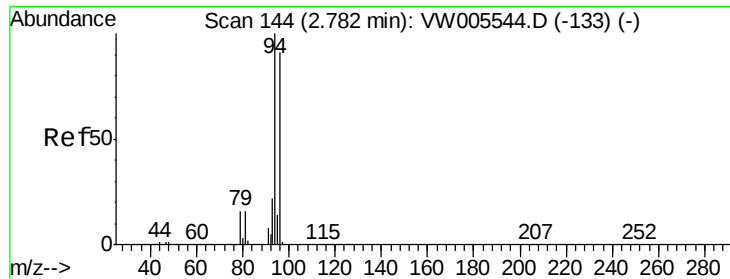
Tgt Ion: 62 Resp: 49171

Ion Ratio Lower Upper

62 100

64 29.3 25.7 38.5

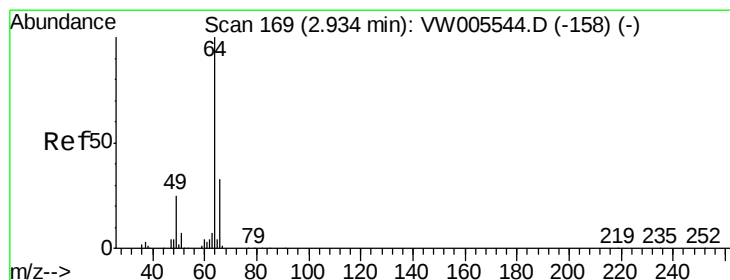
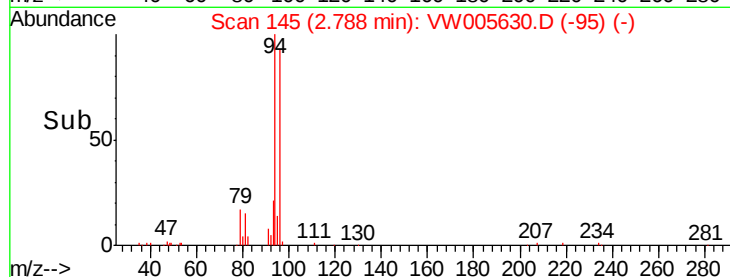
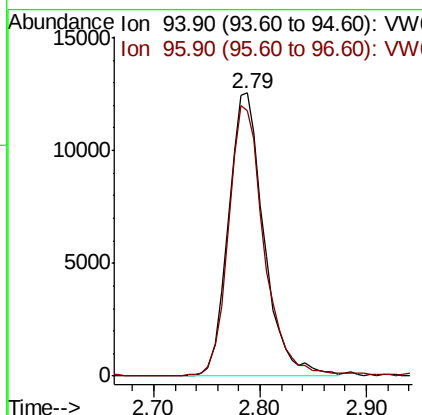
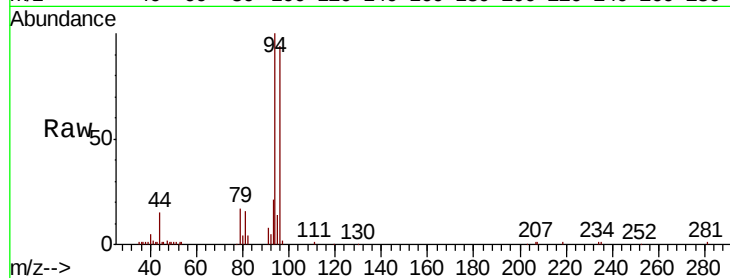




#5
Bromomethane
Concen: 19.009 ug/l
RT: 2.79 min Scan# 145
Delta R.T. 0.01 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

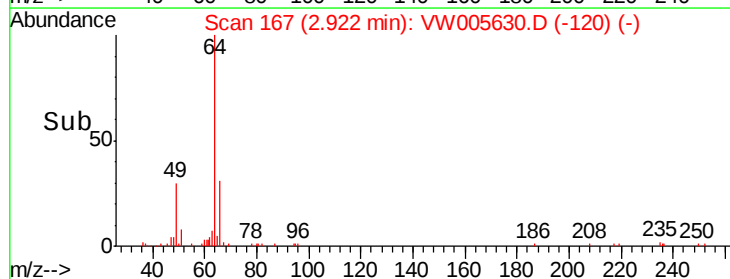
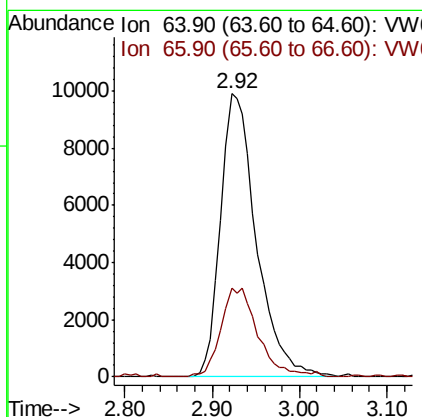
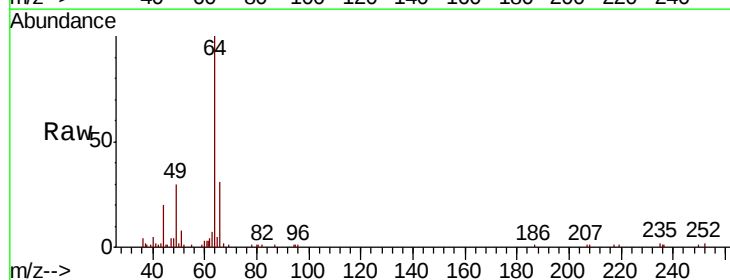
Instrument :
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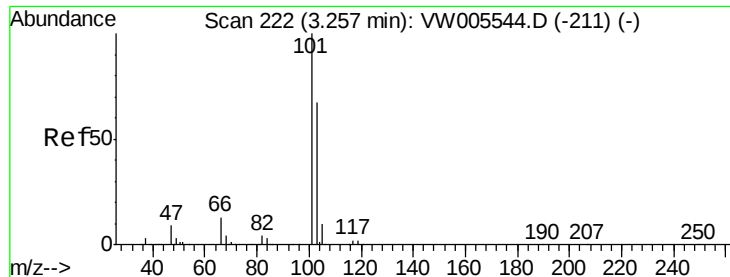
Tgt Ion: 94 Resp: 29324
Ion Ratio Lower Upper
94 100
96 93.3 73.1 109.7



#6
Chloroethane
Concen: 19.289 ug/l
RT: 2.92 min Scan# 167
Delta R.T. -0.01 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Tgt Ion: 64 Resp: 28253
Ion Ratio Lower Upper
64 100
66 31.4 26.0 39.0



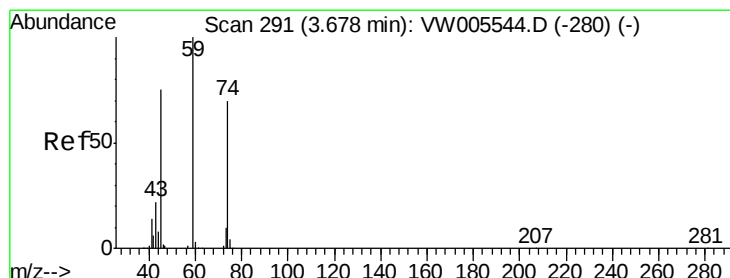
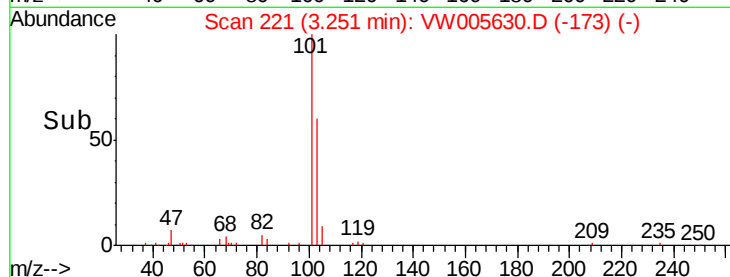
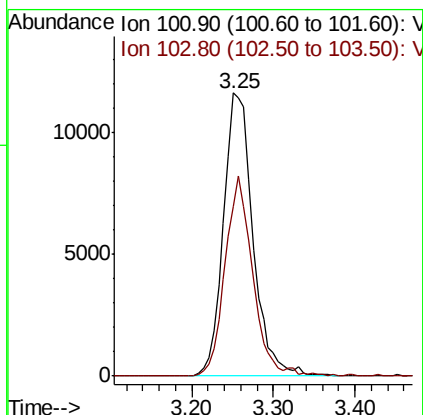
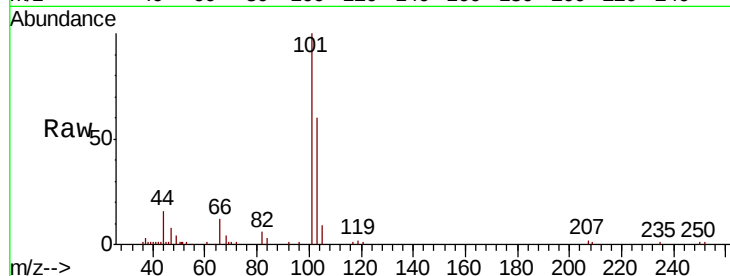


#7

Trichlorofluoromethane
 Concen: 16.329 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW005630.D
 Acq: 26 Sep 2018 01:38

Instrument :
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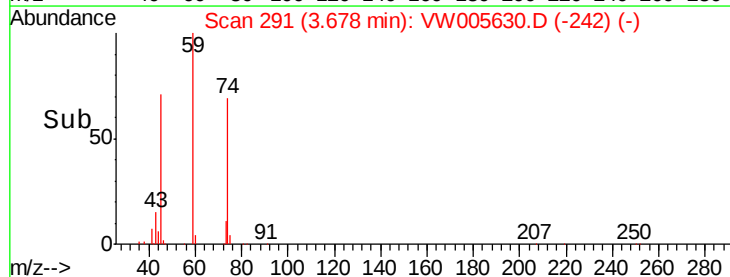
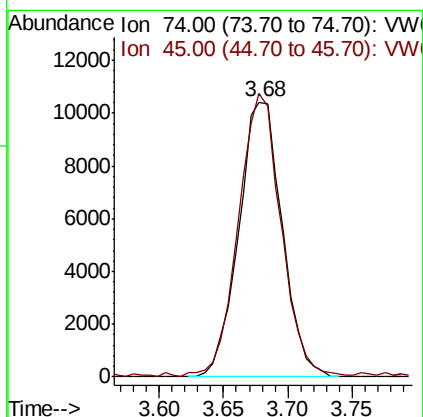
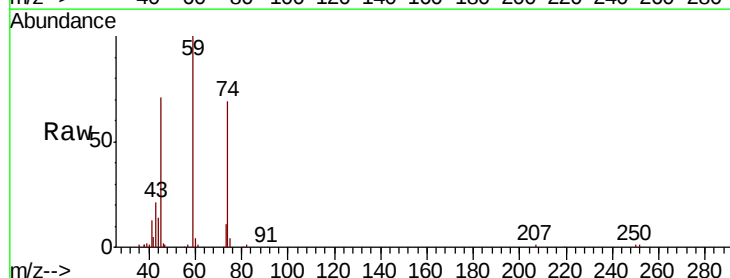
Tgt Ion:101 Resp: 29153
 Ion Ratio Lower Upper
 101 100
 103 59.7 53.2 79.8

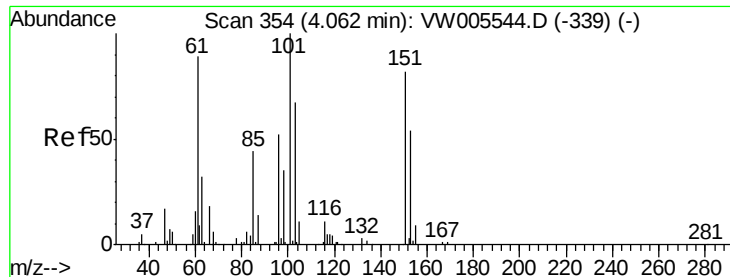


#8

Diethyl Ether
 Concen: 20.806 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW005630.D
 Acq: 26 Sep 2018 01:38

Tgt Ion: 74 Resp: 24265
 Ion Ratio Lower Upper
 74 100
 45 102.0 51.7 155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.970 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS02

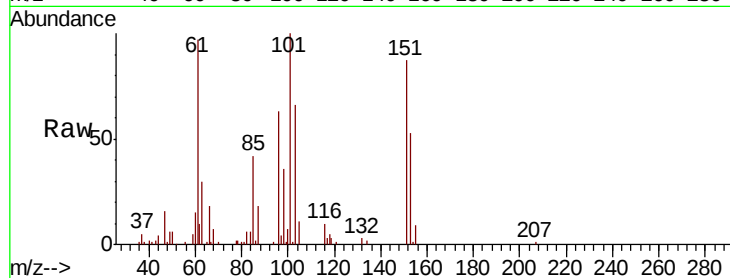
Tgt Ion:101 Resp: 45131

Ion Ratio Lower Upper

101 100

85 45.4 36.4 54.6

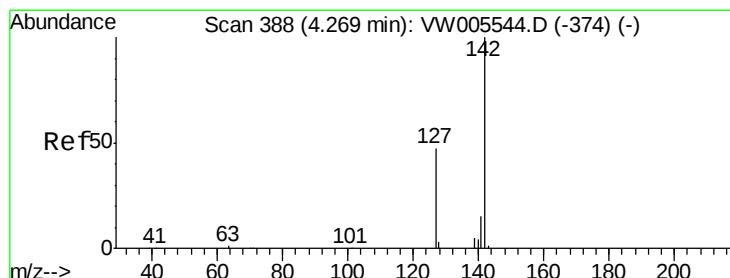
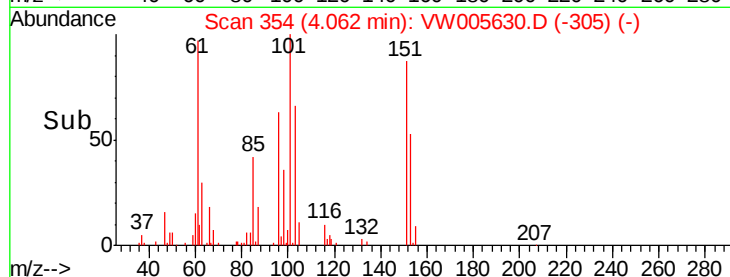
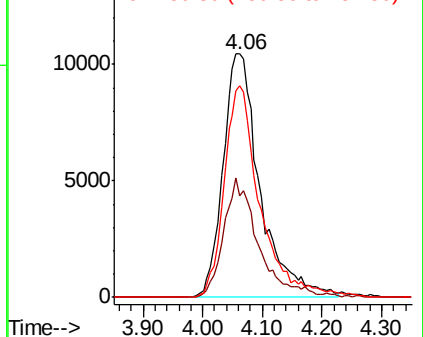
151 84.1 65.8 98.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.830 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

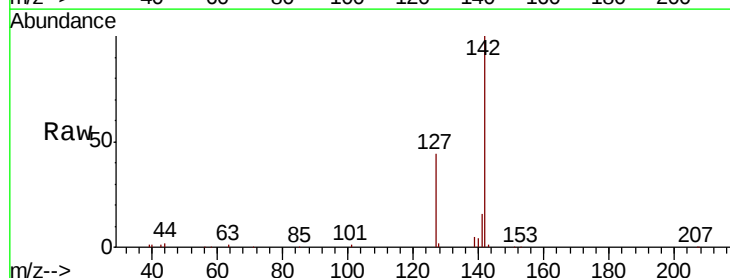
Tgt Ion:142 Resp: 72396

Ion Ratio Lower Upper

142 100

127 43.8 37.4 56.0

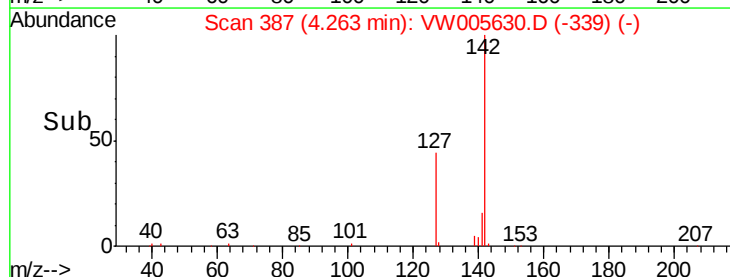
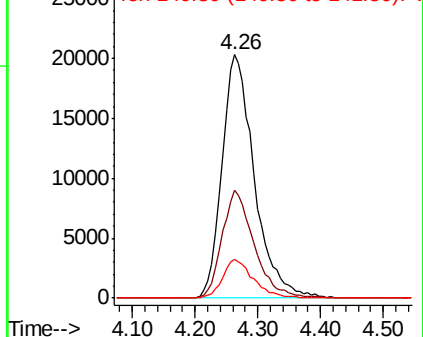
141 15.2 11.9 17.9

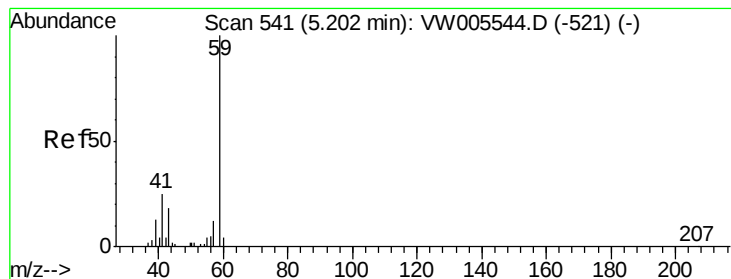


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



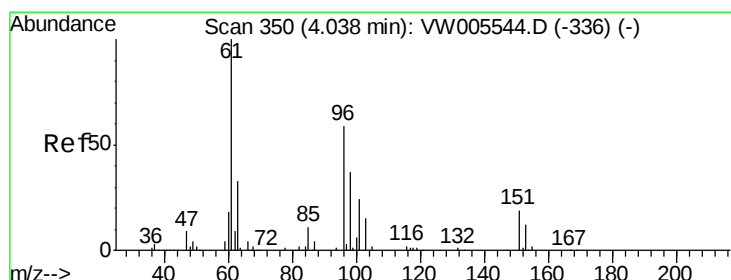
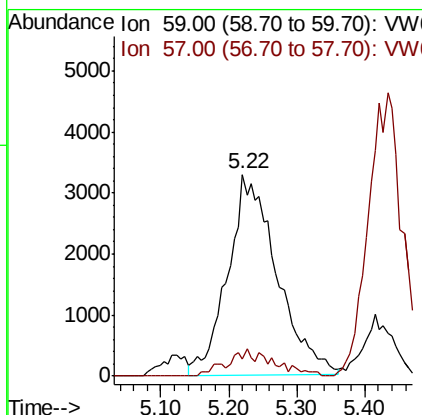
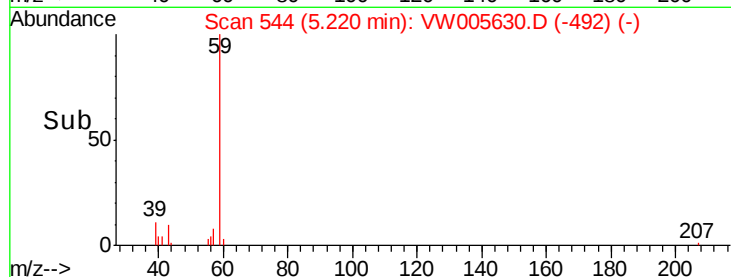
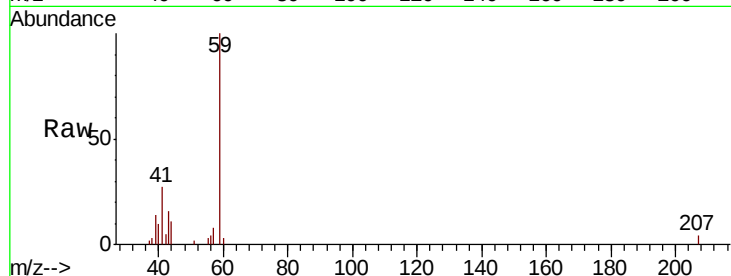


#11

Tert butyl alcohol
Concen: 112.104 ug/l
RT: 5.22 min Scan# 544
Delta R.T. 0.02 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS02

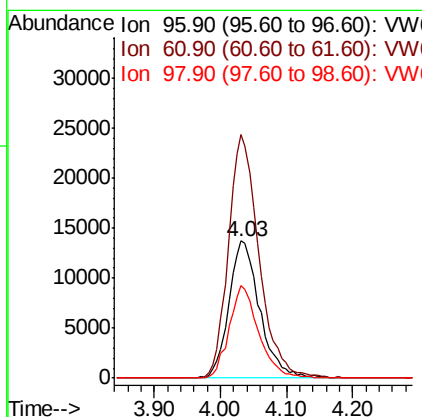
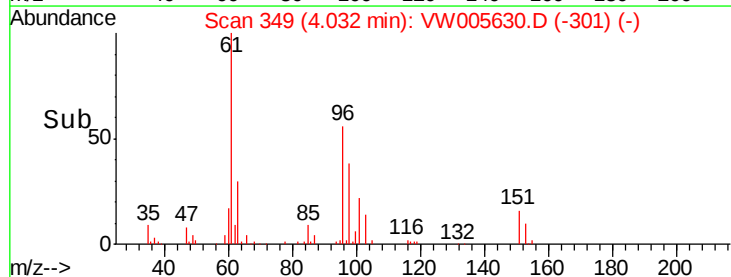
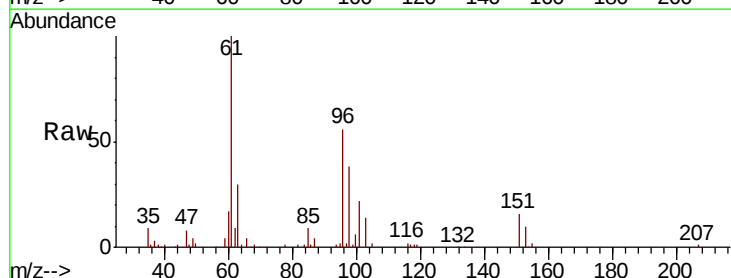
Tgt Ion: 59 Resp: 16388
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

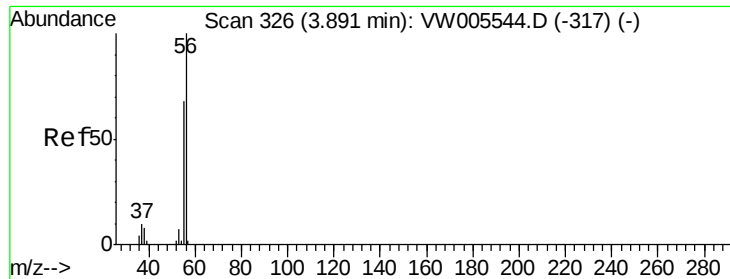


#12

1,1-Dichloroethene
Concen: 20.568 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Tgt Ion: 96 Resp: 44500
Ion Ratio Lower Upper
96 100
61 177.7 135.0 202.6
98 67.1 50.6 76.0

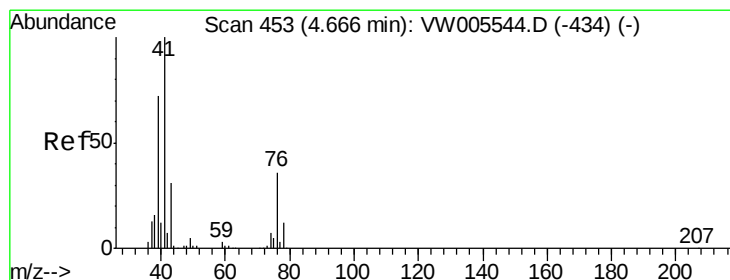
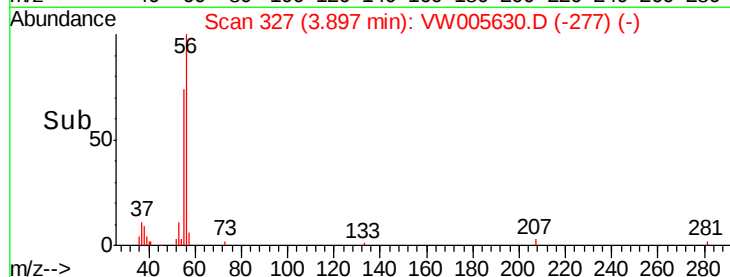
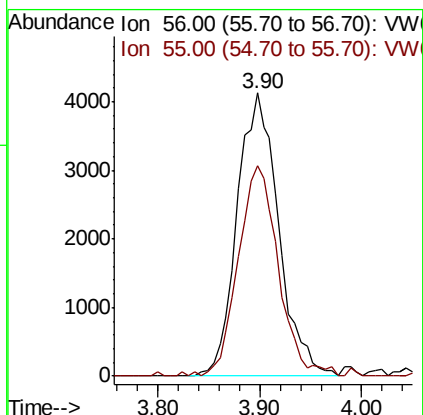
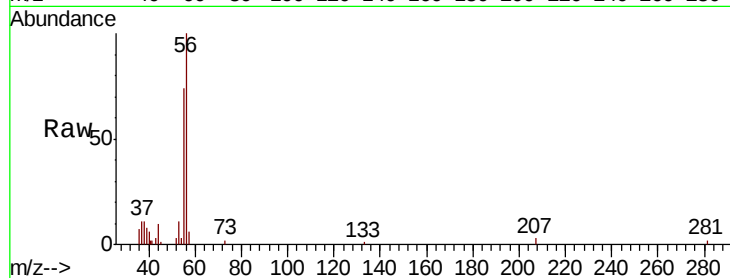




#13
Acrolein
Concen: 109.190 ug/l
RT: 3.90 min Scan# 327
Delta R.T. 0.01 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

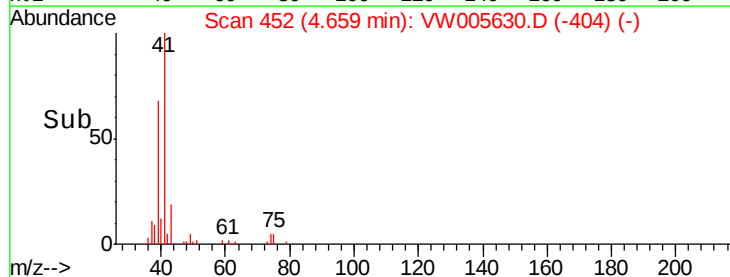
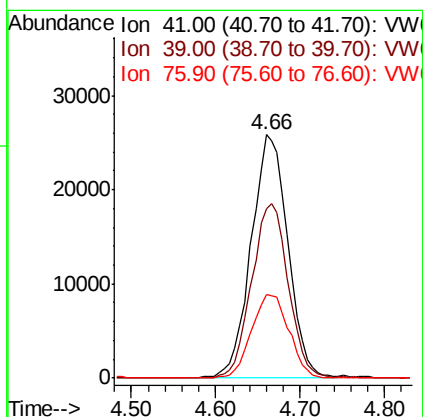
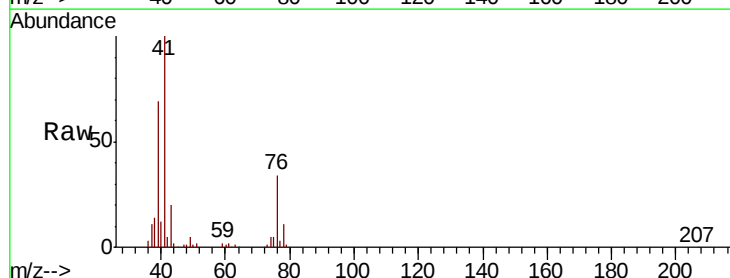
Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS02

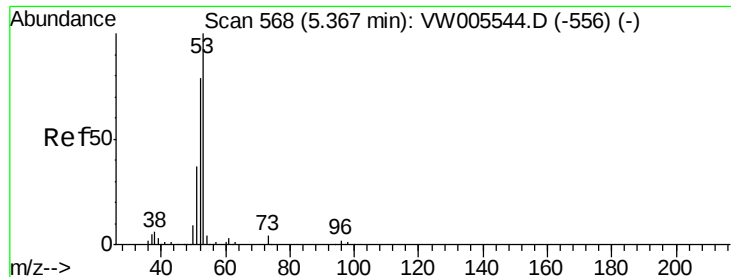
Tgt Ion: 56 Resp: 11622
Ion Ratio Lower Upper
56 100
55 72.2 57.8 86.8



#14
Allyl chloride
Concen: 20.375 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Tgt Ion: 41 Resp: 76932
Ion Ratio Lower Upper
41 100
39 71.5 59.6 89.4
76 35.0 27.7 41.5





#15

Acrylonitrile

Concen: 104.983 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS02

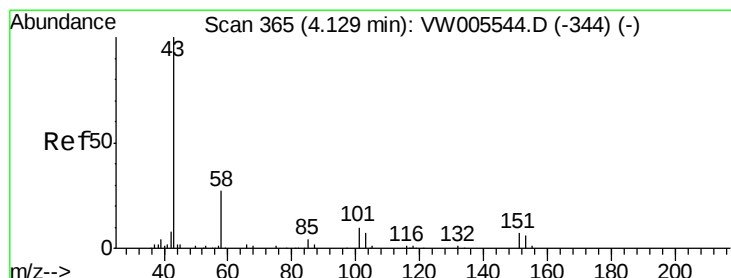
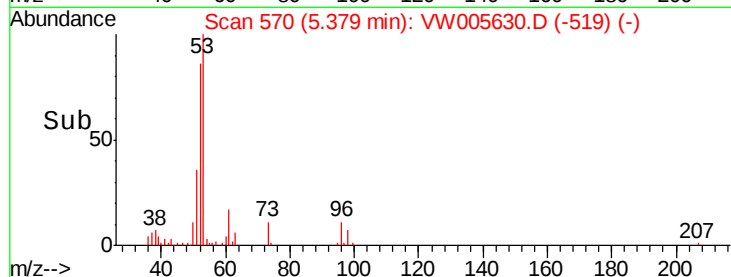
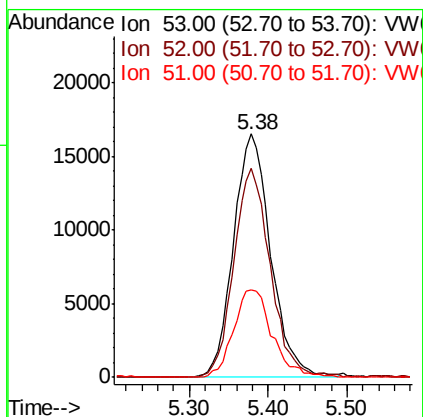
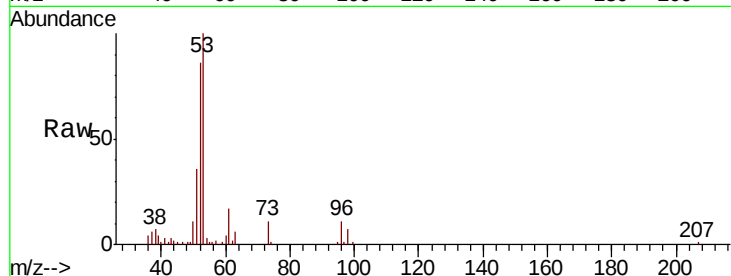
Tgt Ion: 53 Resp: 54360

Ion Ratio Lower Upper

53 100

52 83.5 66.5 99.7

51 37.4 30.6 46.0



#16

Acetone

Concen: 103.850 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW005630.D

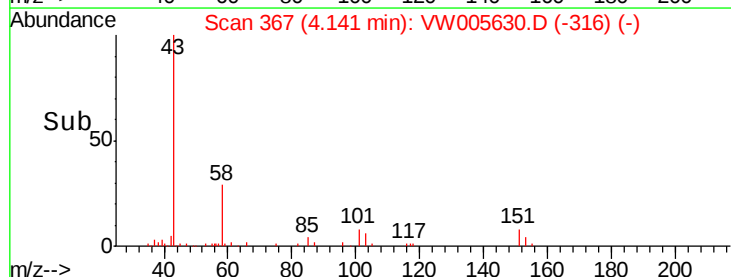
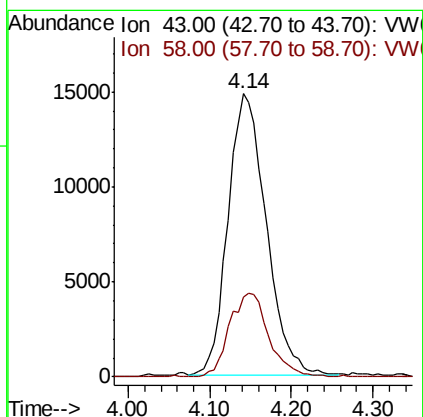
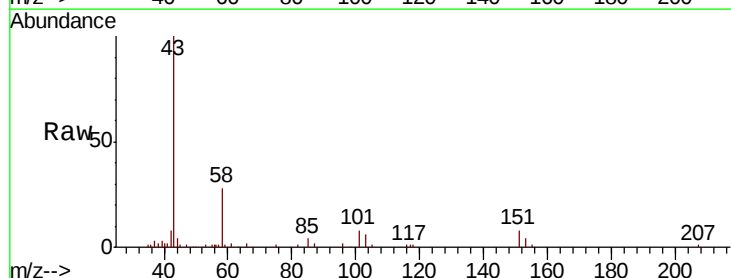
Acq: 26 Sep 2018 01:38

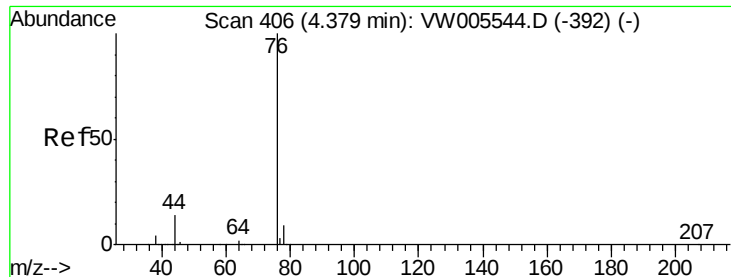
Tgt Ion: 43 Resp: 48118

Ion Ratio Lower Upper

43 100

58 28.5 21.8 32.8

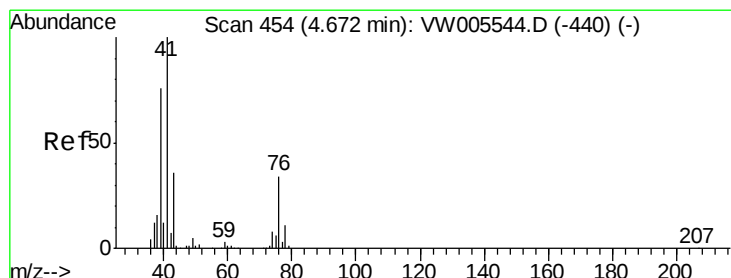
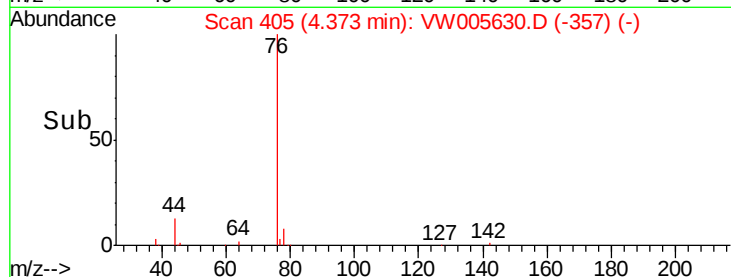
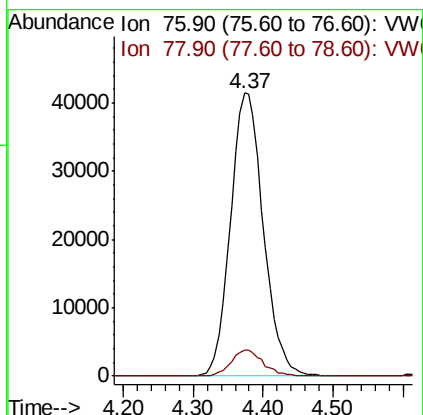
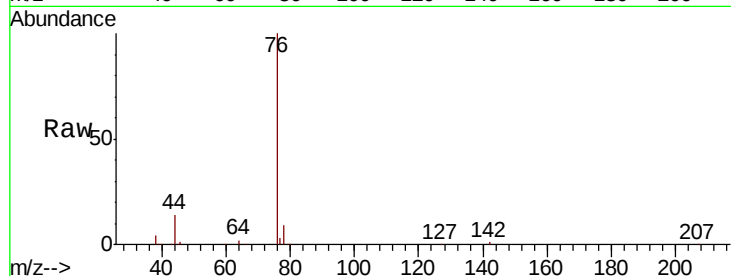




#17
Carbon Disulfide
Concen: 19.964 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

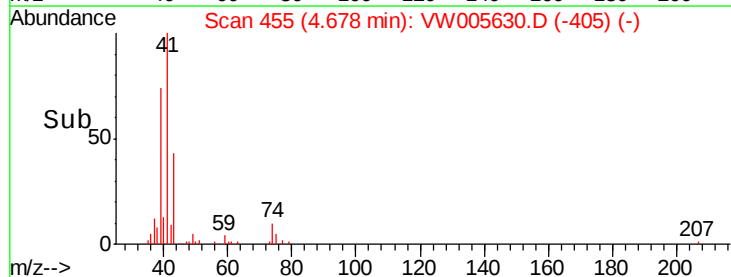
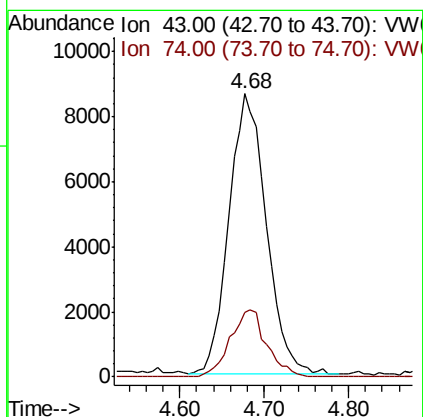
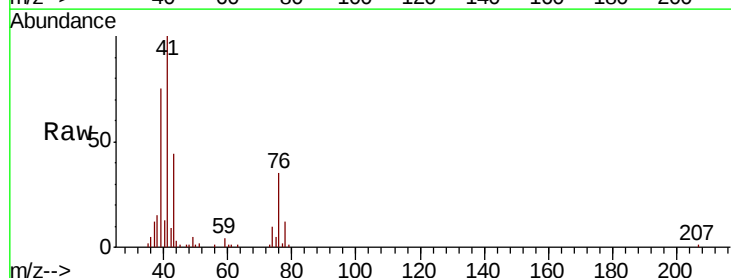
Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS02

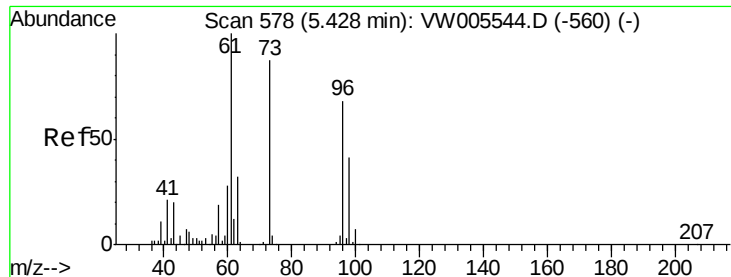
Tgt Ion: 76 Resp: 134955
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 19.536 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Tgt Ion: 43 Resp: 25914
Ion Ratio Lower Upper
43 100
74 23.2 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 20.793 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

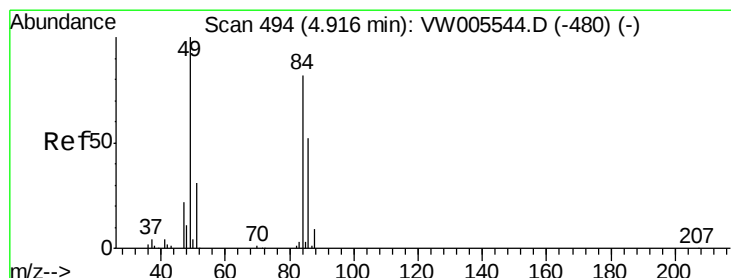
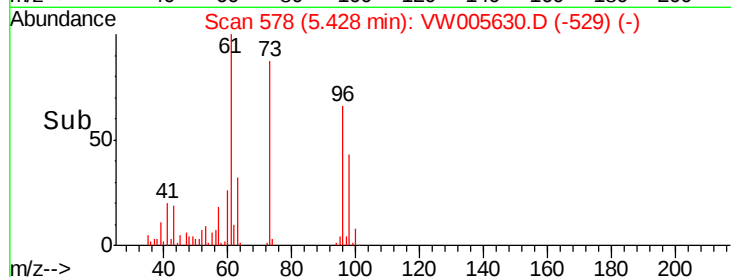
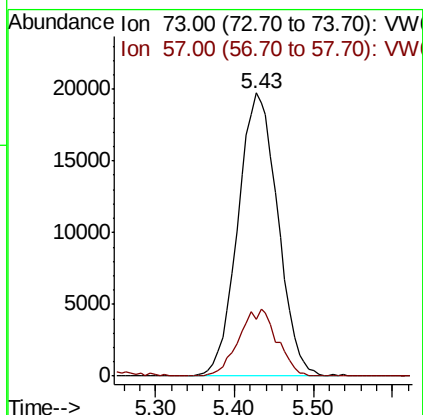
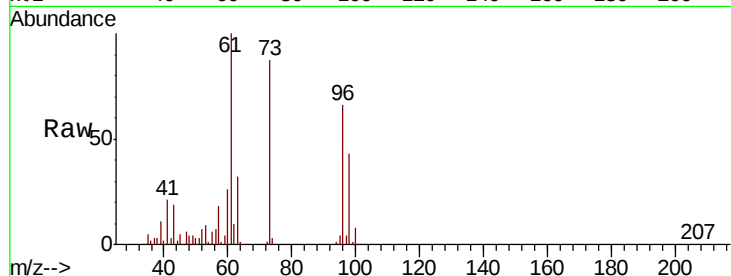
VW0925SBS02

Tgt Ion: 73 Resp: 69439

Ion Ratio Lower Upper

73 100

57 20.3 17.6 26.4



#20

Methylene Chloride

Concen: 22.722 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Tgt Ion: 84 Resp: 58764

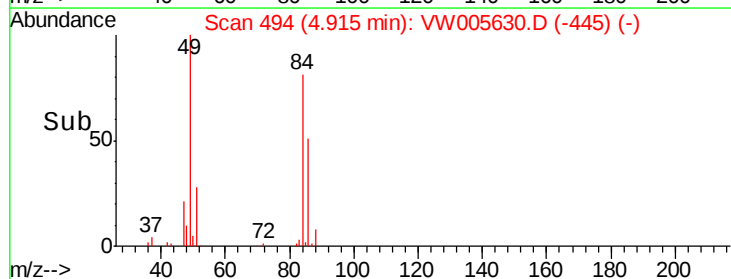
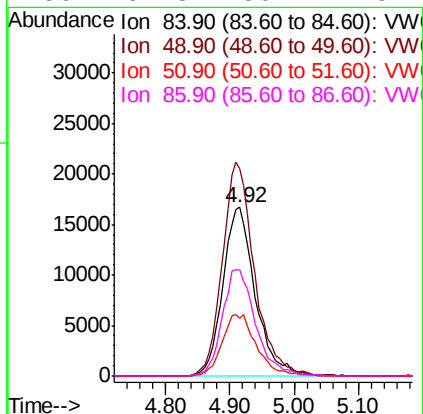
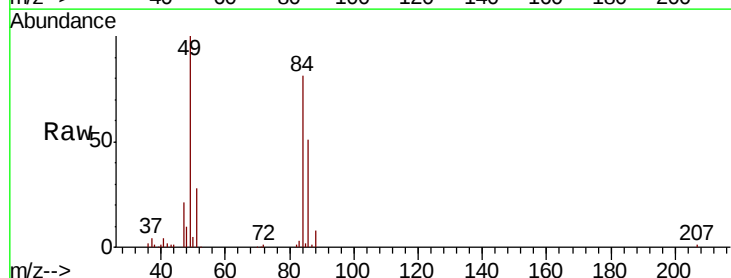
Ion Ratio Lower Upper

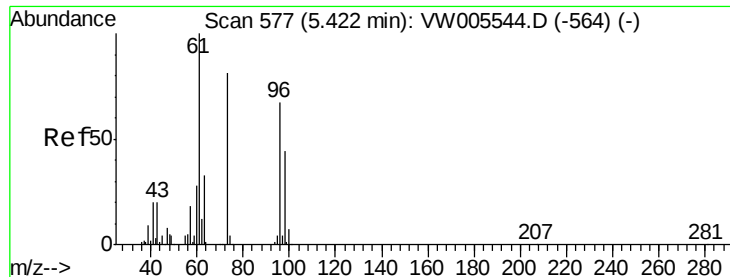
84 100

49 123.1 97.0 145.6

51 34.3 30.2 45.2

86 62.8 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 20.738 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS02

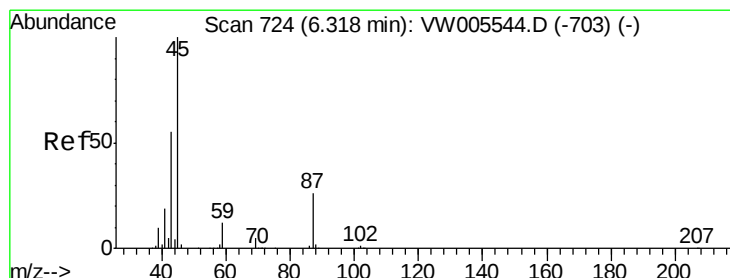
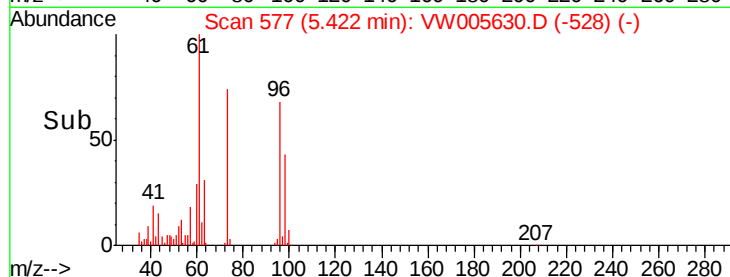
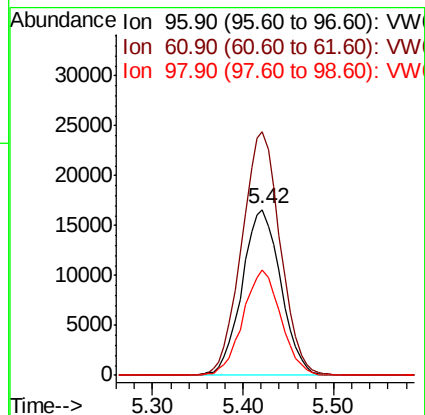
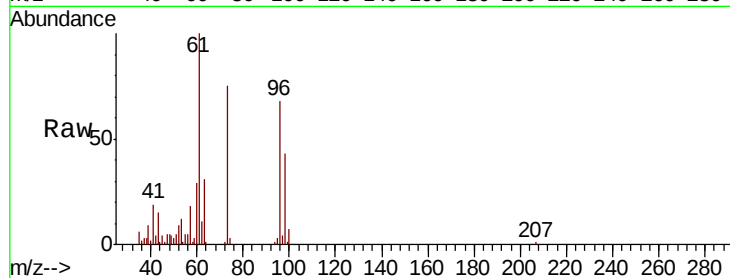
Tgt Ion: 96 Resp: 49144

Ion Ratio Lower Upper

96 100

61 146.8 118.9 178.3

98 63.2 52.1 78.1



#22

Diisopropyl ether

Concen: 21.211 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Tgt Ion: 45 Resp: 155479

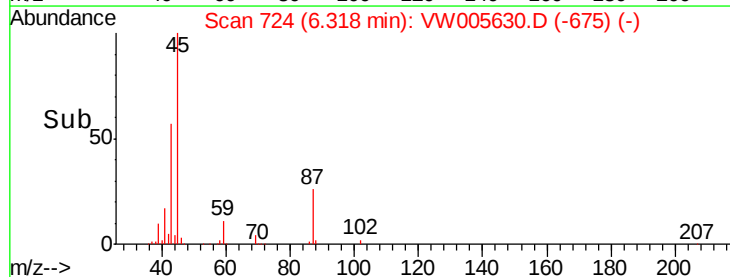
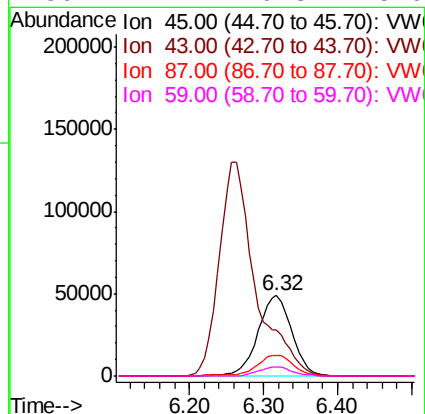
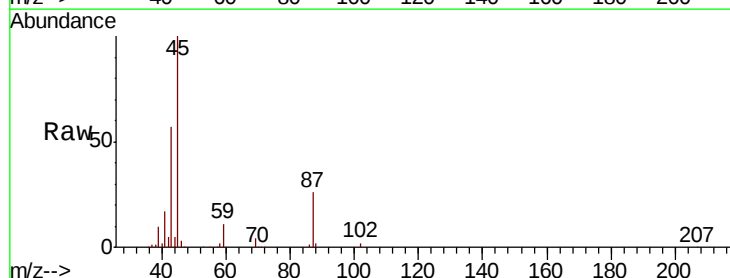
Ion Ratio Lower Upper

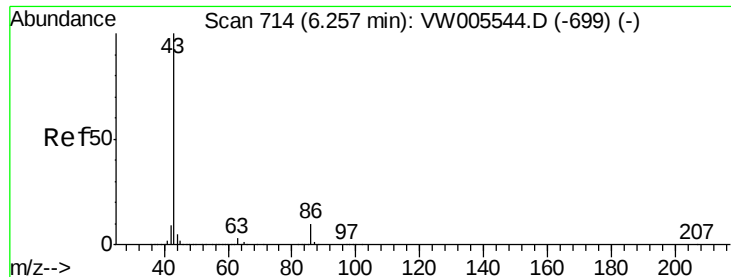
45 100

43 56.5 44.2 66.4

87 26.0 21.4 32.2

59 11.2 9.3 13.9





#23

Vinyl Acetate

Concen: 105.112 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

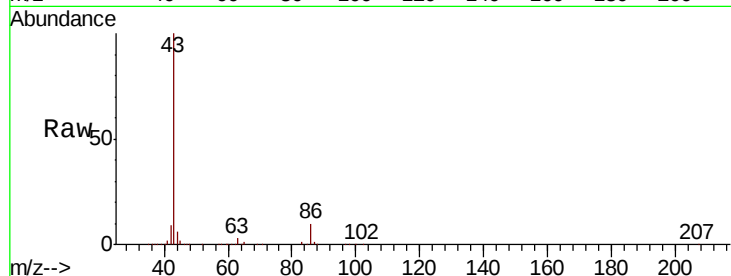
VW0925SBS02

Tgt Ion: 43 Resp: 440376

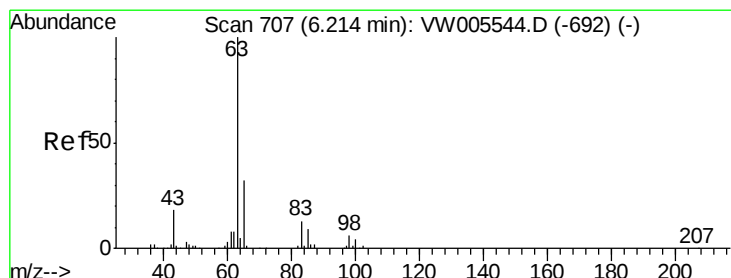
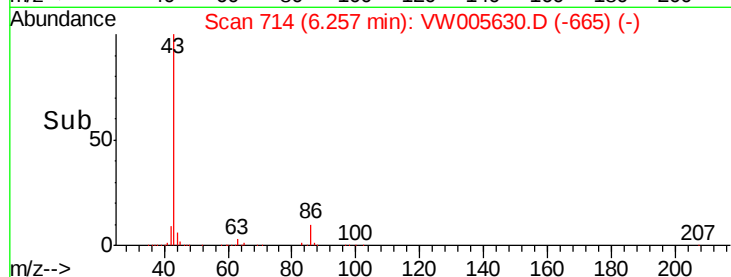
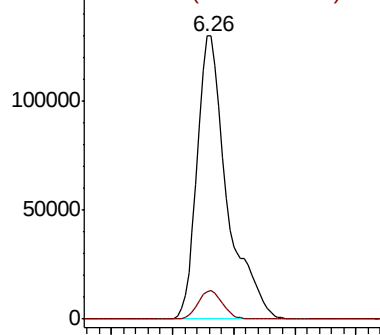
Ion Ratio Lower Upper

43 100

86 9.7 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 20.345 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

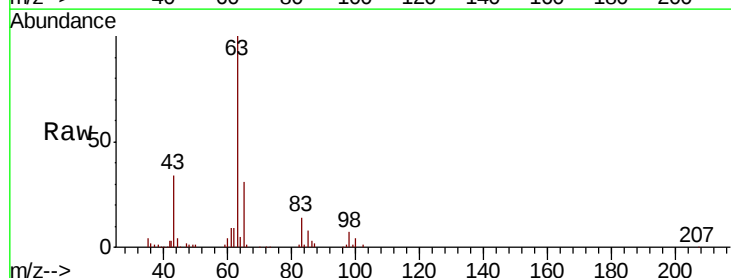
Tgt Ion: 63 Resp: 92136

Ion Ratio Lower Upper

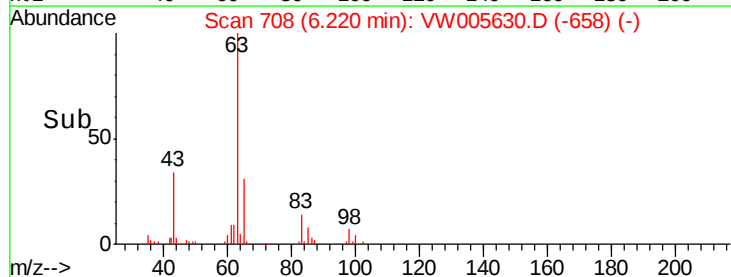
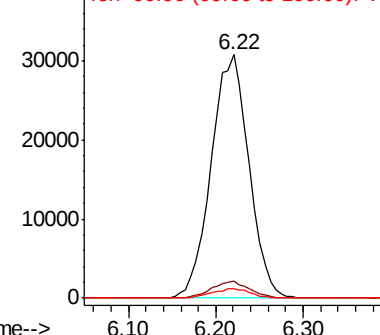
63 100

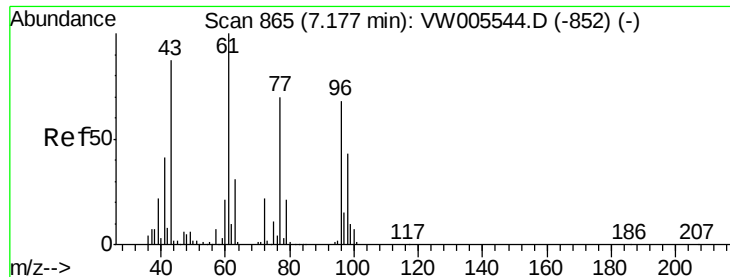
98 6.9 2.9 8.8

100 3.8 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VW
Ion 97.90 (97.60 to 98.60): VW
Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 103.467 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

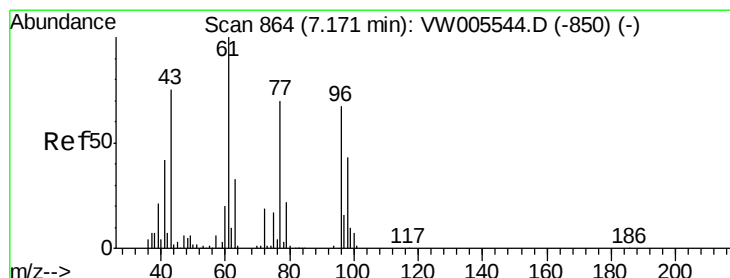
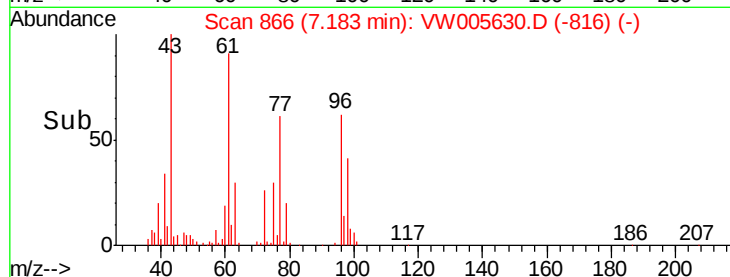
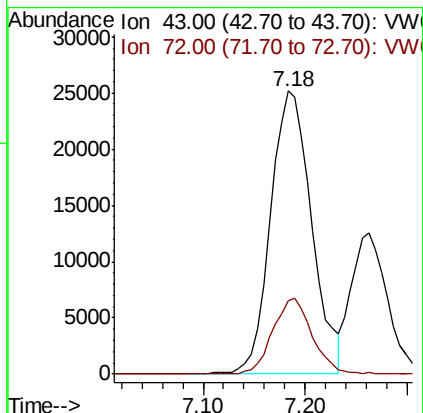
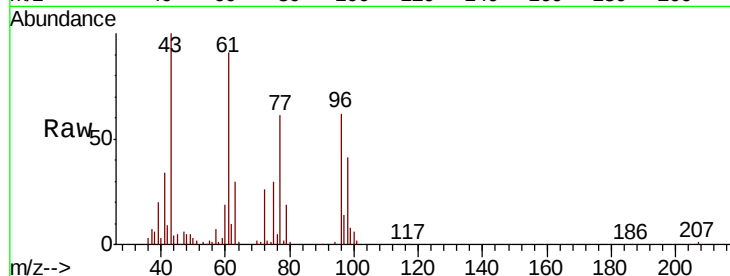
VW0925SBS02

Tgt Ion: 43 Resp: 70329

Ion Ratio Lower Upper

43 100

72 25.9 19.9 29.9



#26

2,2-Dichloropropane

Concen: 18.018 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW005630.D

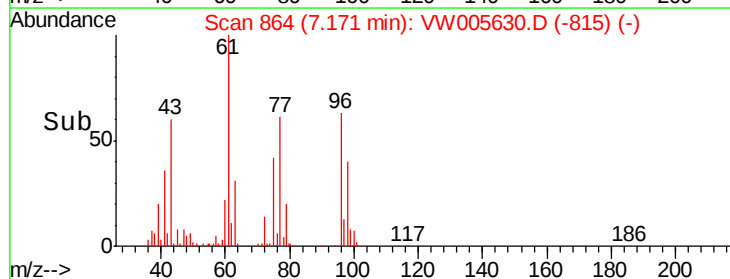
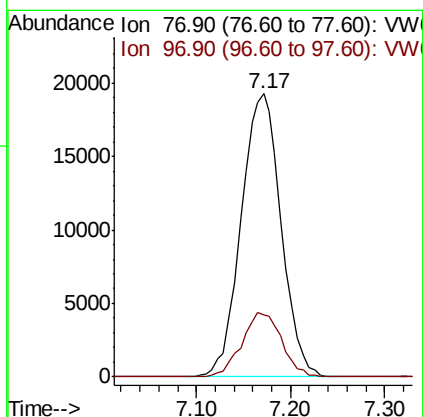
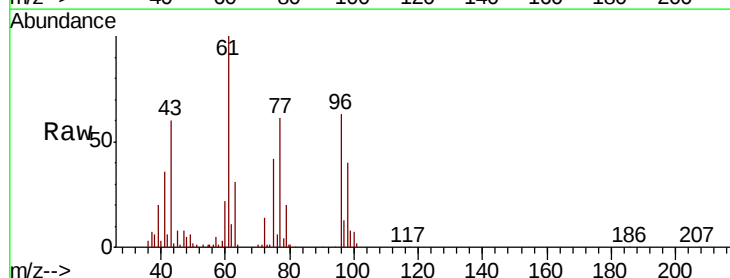
Acq: 26 Sep 2018 01:38

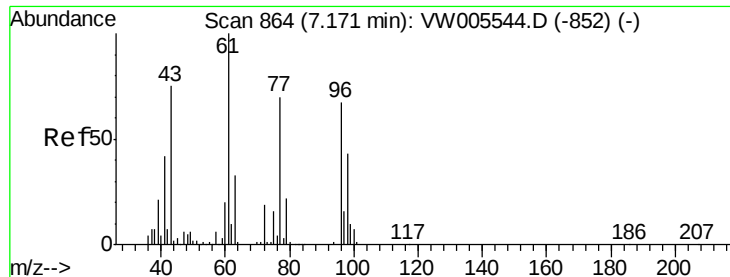
Tgt Ion: 77 Resp: 56965

Ion Ratio Lower Upper

77 100

97 22.7 11.0 33.0



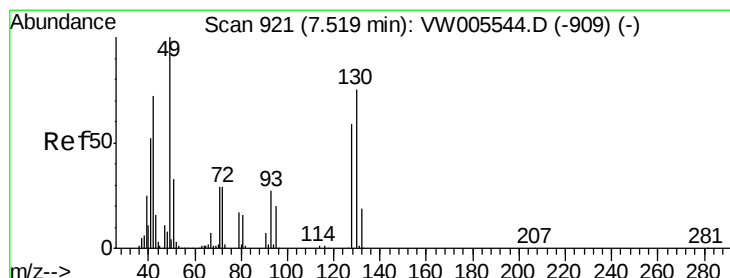
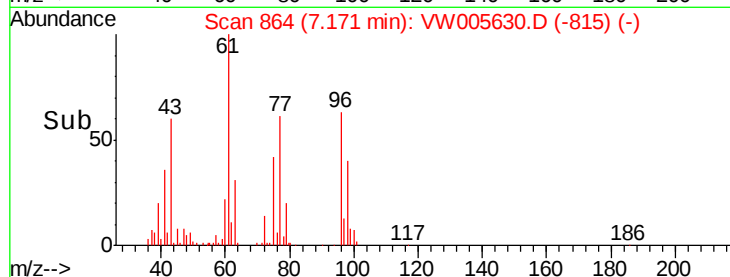
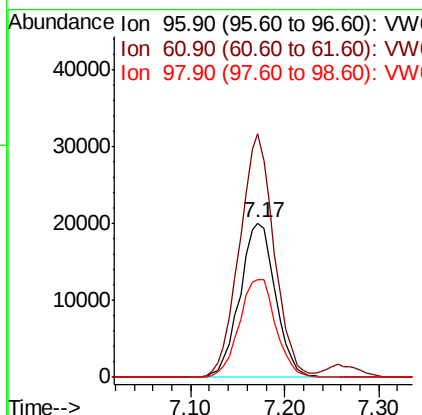
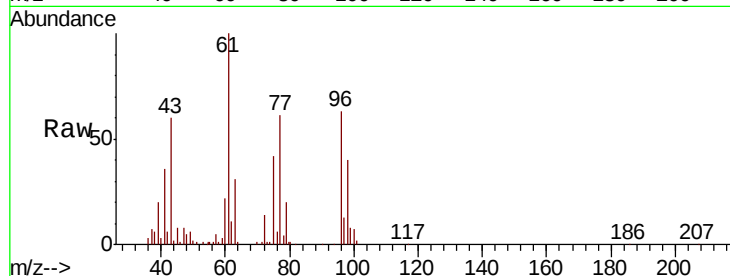


#27

cis-1,2-Dichloroethene
Concen: 20.285 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS02

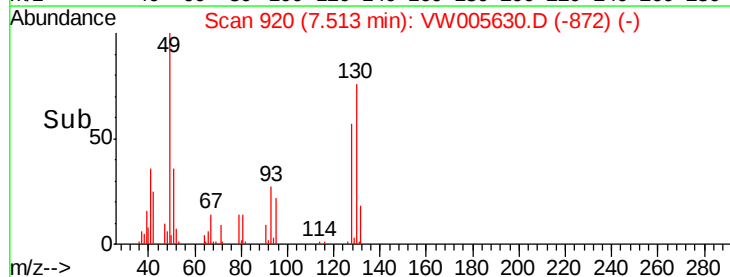
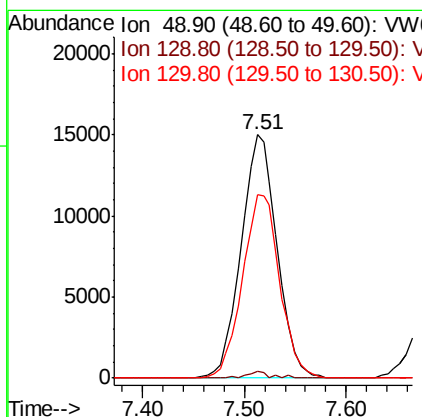
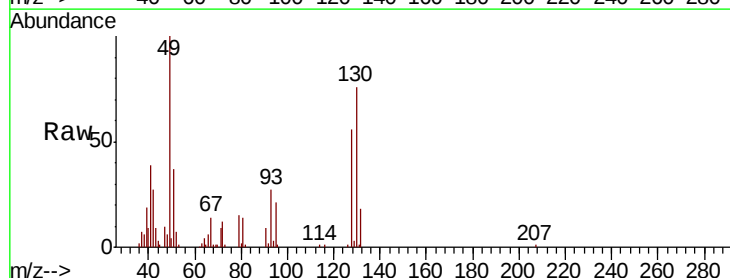
Tgt Ion: 96 Resp: 53020
Ion Ratio Lower Upper
96 100
61 153.1 0.0 303.4
98 65.0 0.0 127.2

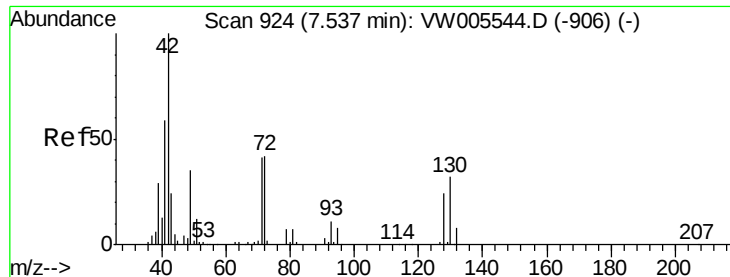


#28

Bromochloromethane
Concen: 20.423 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Tgt Ion: 49 Resp: 36637
Ion Ratio Lower Upper
49 100
129 1.7 0.0 1.4#
130 78.4 61.3 91.9





#29

Tetrahydrofuran

Concen: 107.035 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS02

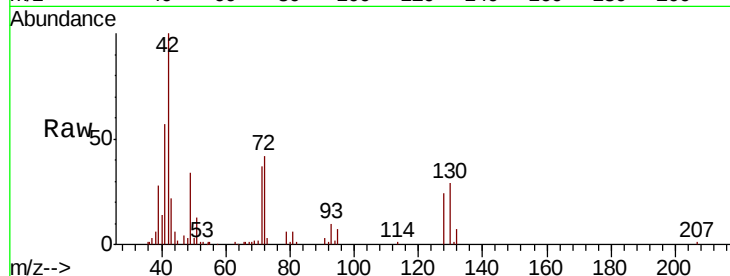
Tgt Ion: 42 Resp: 45452

Ion Ratio Lower Upper

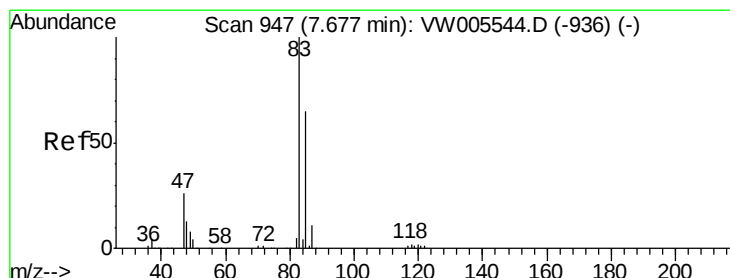
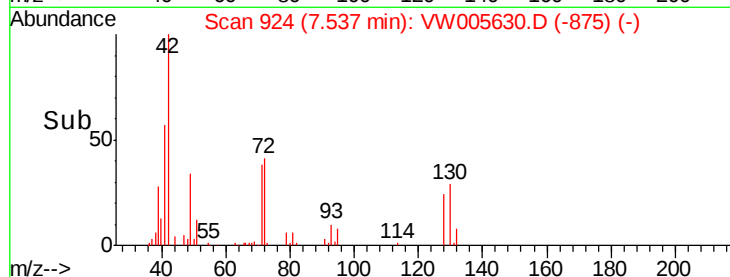
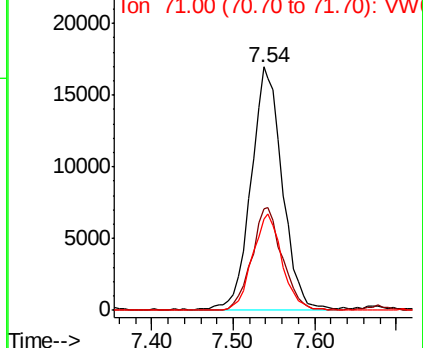
42 100

72 41.4 33.6 50.4

71 37.5 31.8 47.6



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



#30

Chloroform

Concen: 20.500 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.00 min

Lab File: VW005630.D

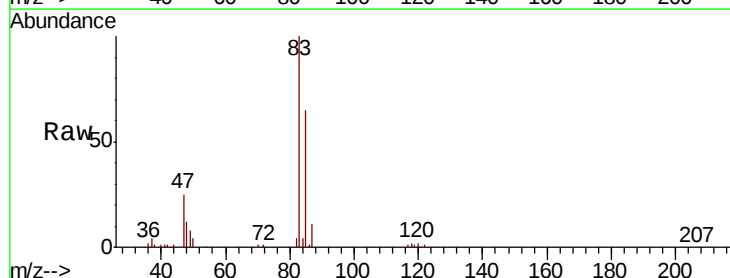
Acq: 26 Sep 2018 01:38

Tgt Ion: 83 Resp: 95848

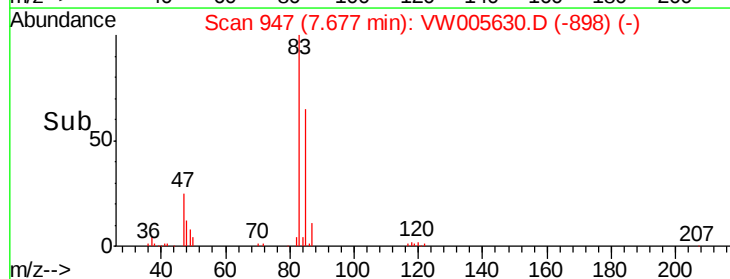
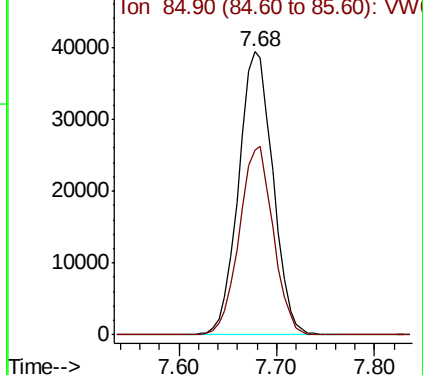
Ion Ratio Lower Upper

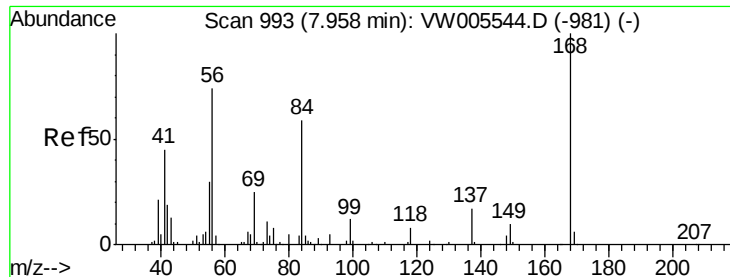
83 100

85 65.1 51.8 77.6



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

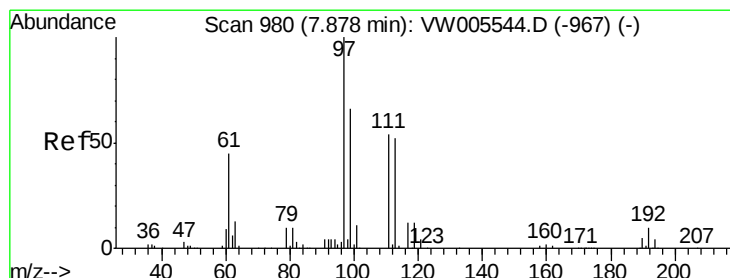
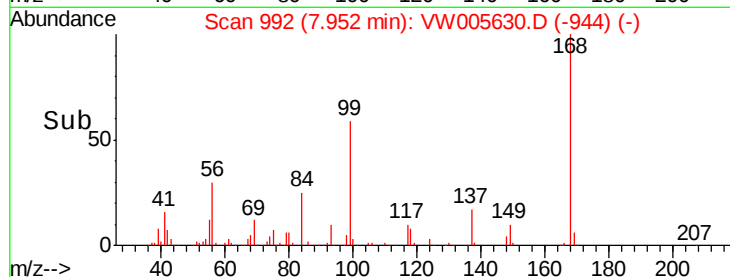
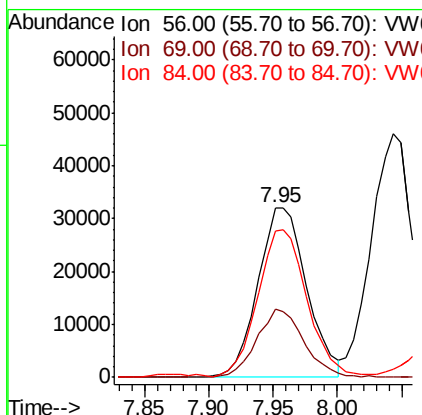
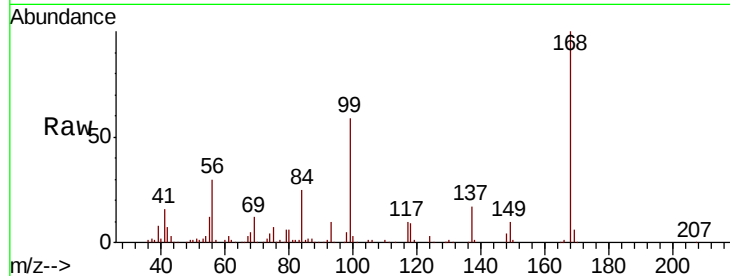




#31
Cyclohexane
Concen: 19.432 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

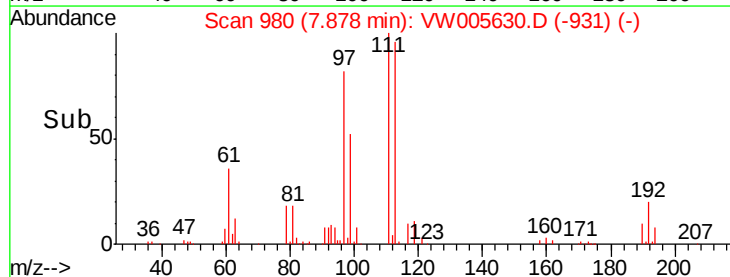
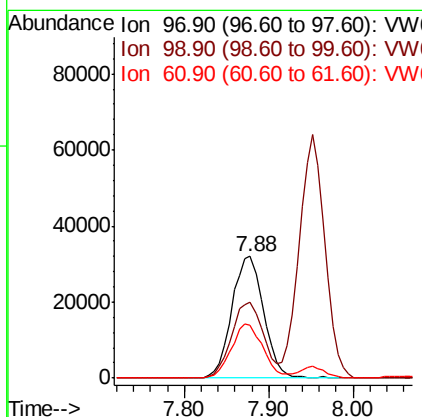
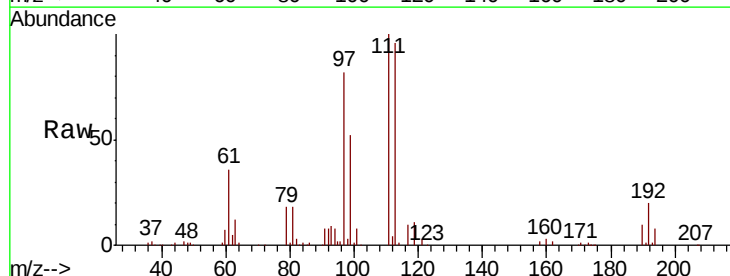
Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS02

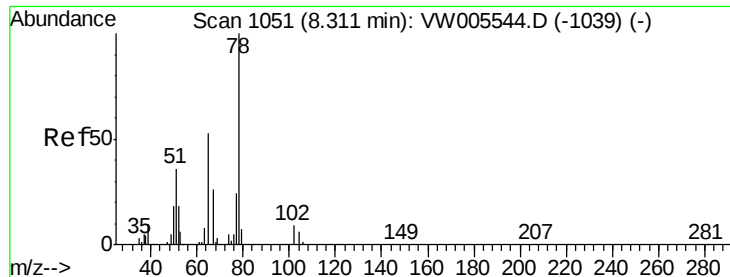
Tgt Ion: 56 Resp: 84310
Ion Ratio Lower Upper
56 100
69 39.8 27.0 40.4
84 84.6 64.2 96.4



#32
1,1,1-Trichloroethane
Concen: 19.832 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Tgt Ion: 97 Resp: 81914
Ion Ratio Lower Upper
97 100
99 62.2 51.0 76.6
61 43.9 36.2 54.2

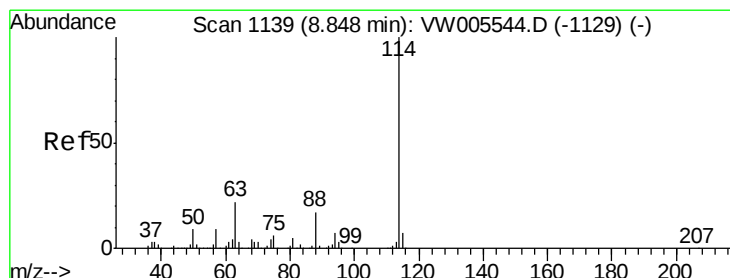
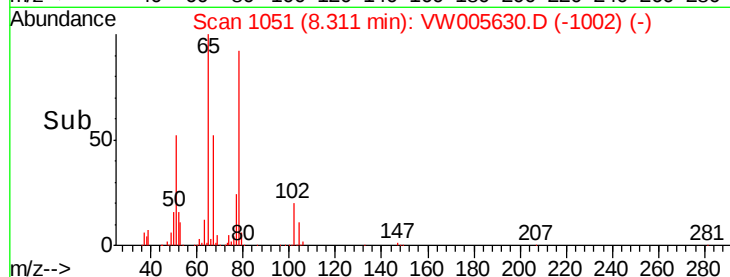
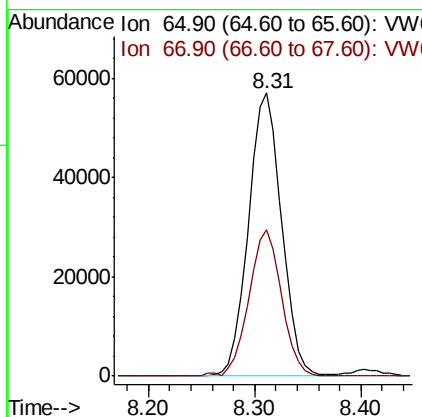
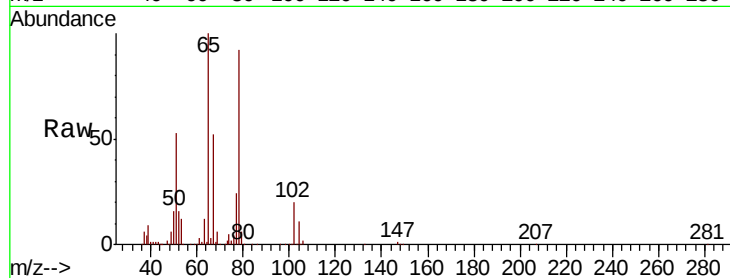




#33
 1,2-Dichloroethane-d4
 Concen: 44.566 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005630.D
 Acq: 26 Sep 2018 01:38

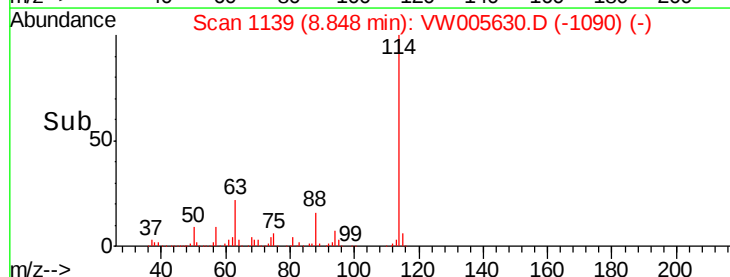
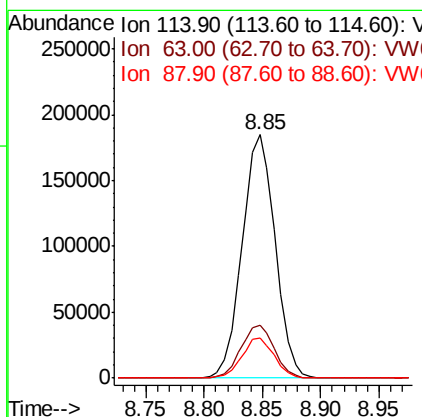
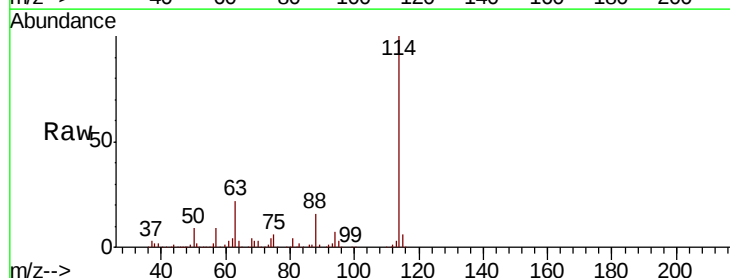
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS02

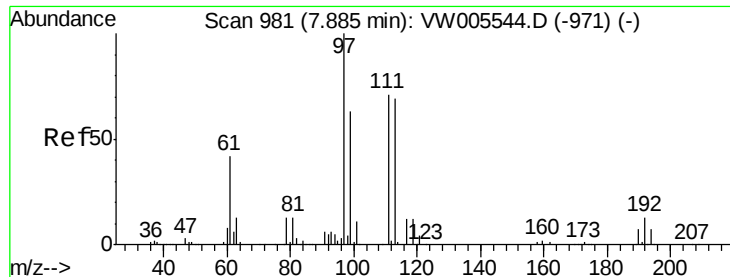
Tgt Ion: 65 Resp: 124725
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005630.D
 Acq: 26 Sep 2018 01:38

Tgt Ion: 114 Resp: 364241
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 43.0
 88 16.2 0.0 33.0

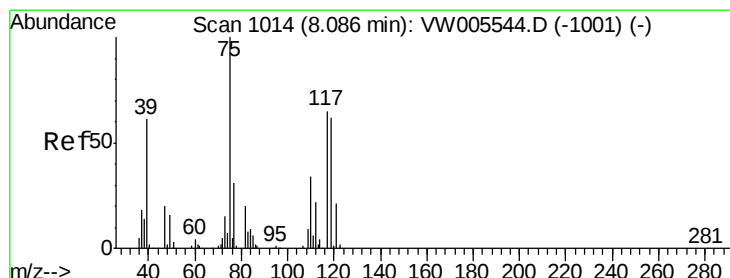
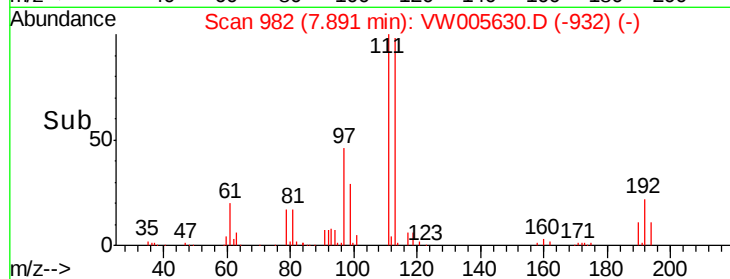
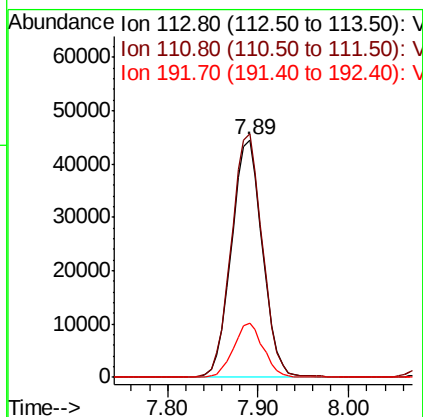
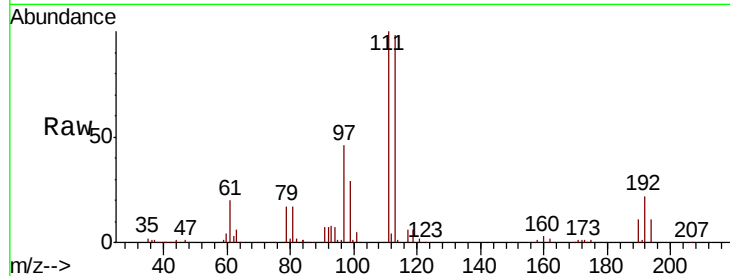




#35
 Dibromofluoromethane
 Concen: 45.965 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005630.D
 Acq: 26 Sep 2018 01:38

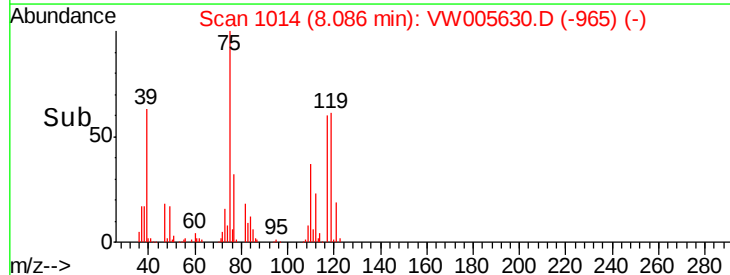
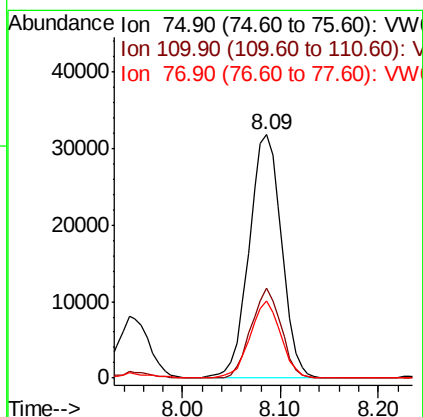
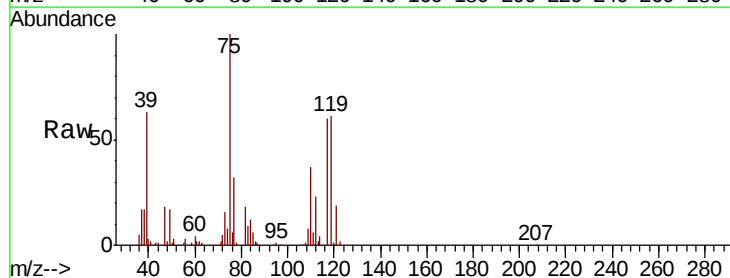
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS02

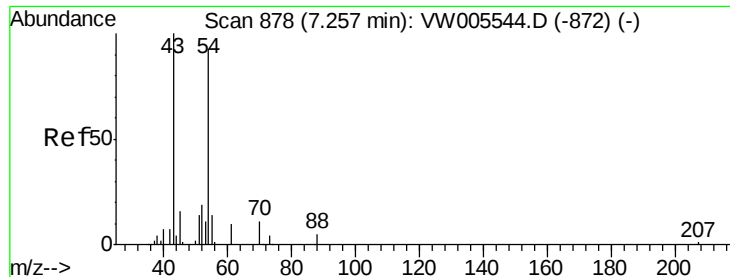
Tgt Ion:113 Resp: 105286
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.6 123.8
 192 21.8 17.0 25.4



#36
 1,1-Dichloropropene
 Concen: 20.109 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW005630.D
 Acq: 26 Sep 2018 01:38

Tgt Ion: 75 Resp: 73732
 Ion Ratio Lower Upper
 75 100
 110 34.3 17.0 50.9
 77 30.2 24.8 37.2

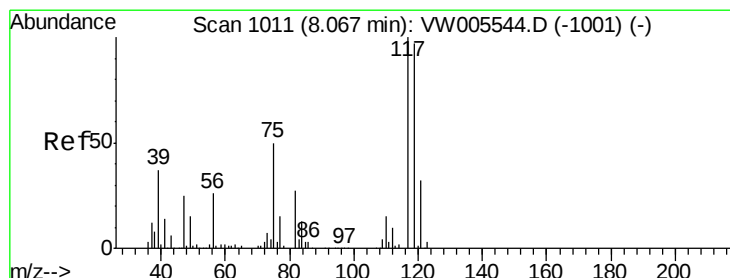
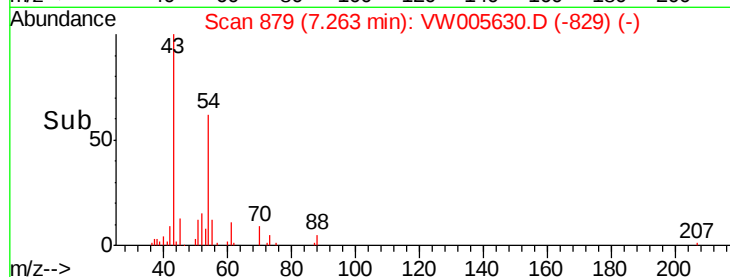
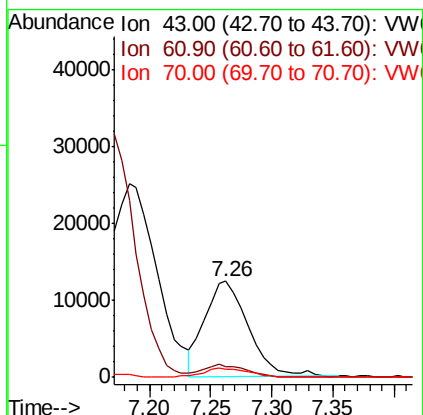
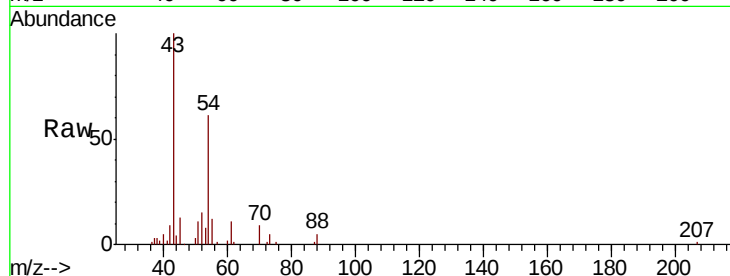




#37
Ethyl Acetate
Concen: 19.960 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

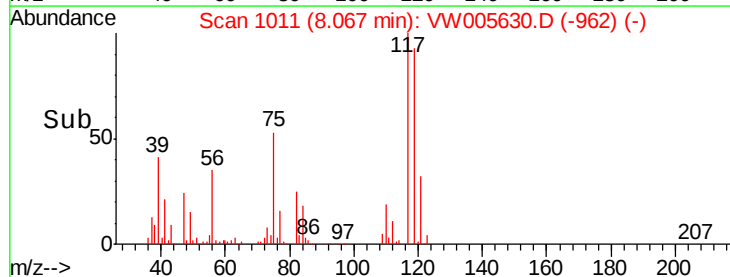
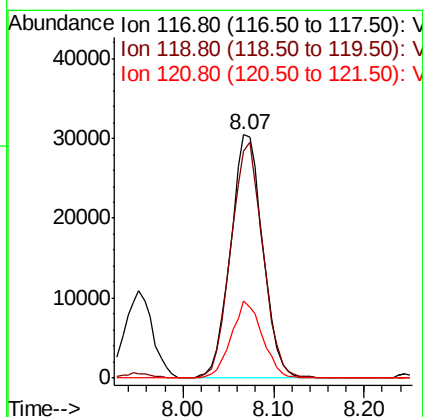
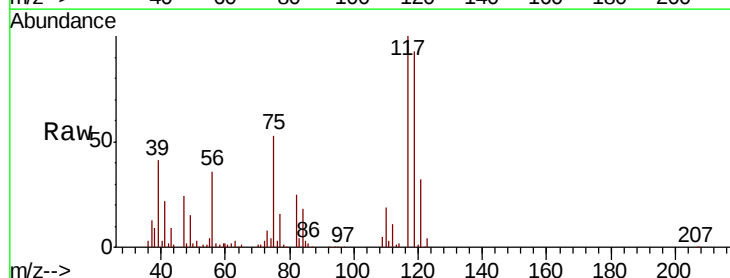
Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS02

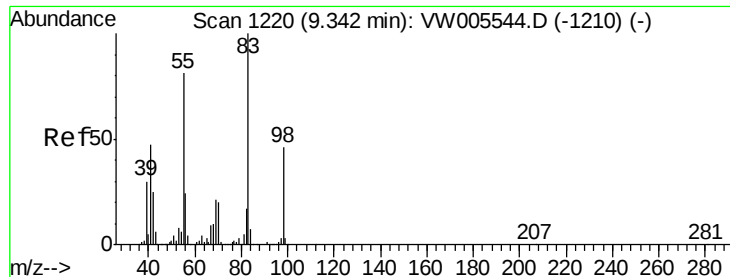
Tgt Ion: 43 Resp: 30799
Ion Ratio Lower Upper
43 100
61 13.2 10.4 15.6
70 10.0 8.2 12.2



#38
Carbon Tetrachloride
Concen: 19.109 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Tgt Ion: 117 Resp: 75082
Ion Ratio Lower Upper
117 100
119 93.4 77.6 116.4
121 31.8 25.7 38.5





#39

Methylcyclohexane

Concen: 19.896 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.01 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS02

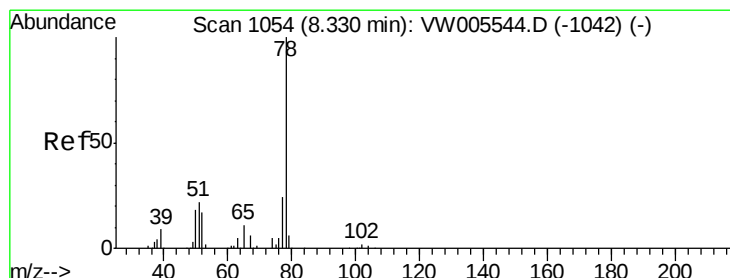
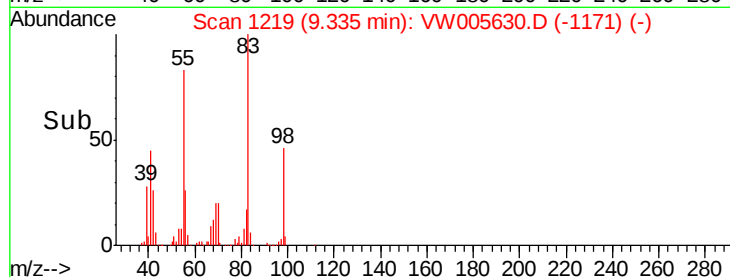
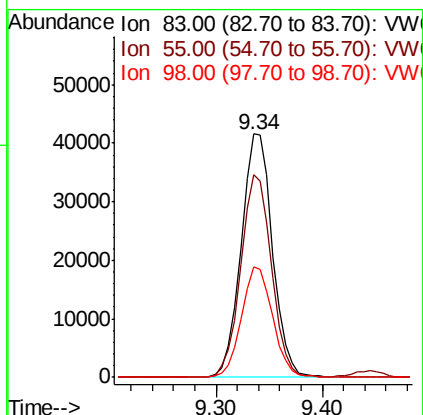
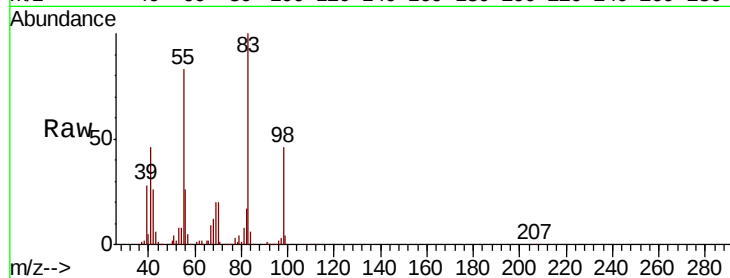
Tgt Ion: 83 Resp: 86072

Ion Ratio Lower Upper

83 100

55 83.3 64.6 97.0

98 45.5 37.0 55.6



#40

Benzene

Concen: 20.371 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VW005630.D

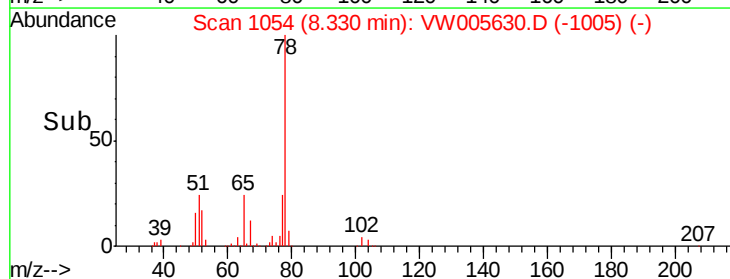
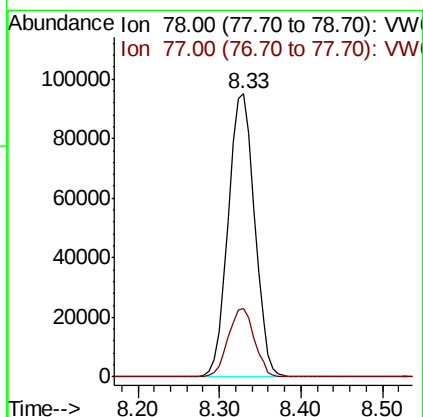
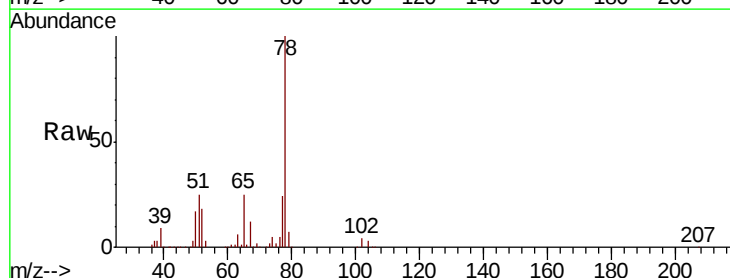
Acq: 26 Sep 2018 01:38

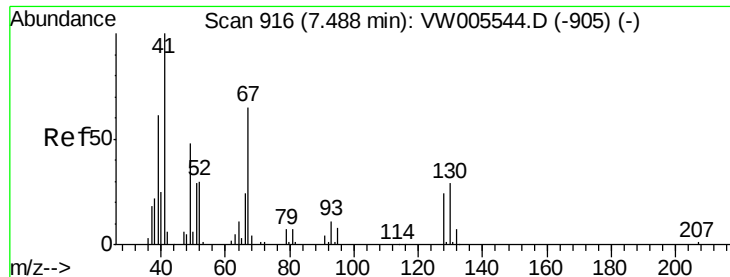
Tgt Ion: 78 Resp: 211637

Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.4

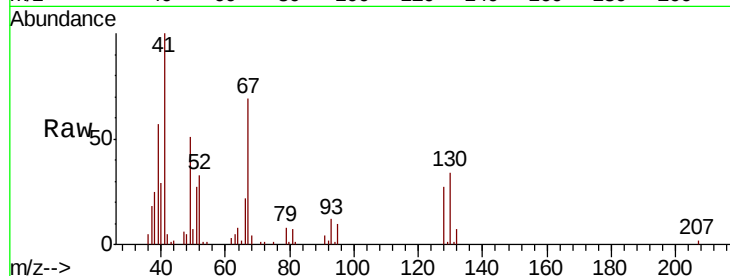




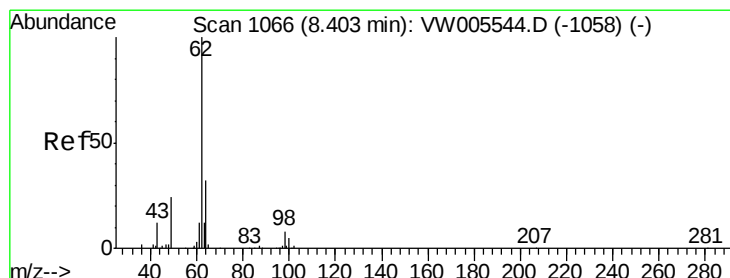
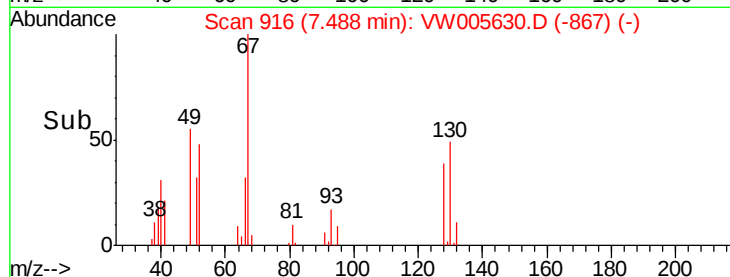
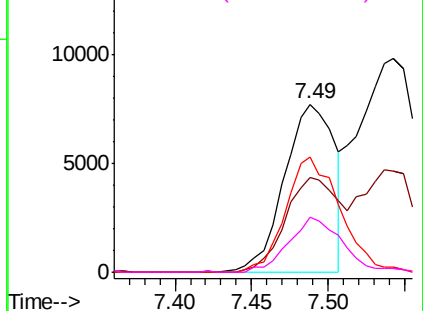
#41
Methacrylonitrile
Concen: 20.045 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS02

Tgt Ion:	41	Resp:	17601
Ion	Ratio	Lower	Upper
41	100		
39	62.0	45.4	68.2
67	74.5	55.2	82.8
52	34.9	25.3	37.9

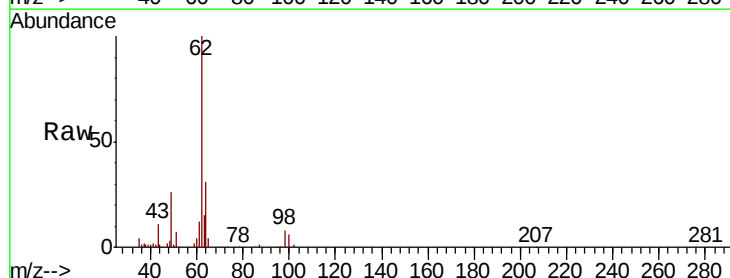


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

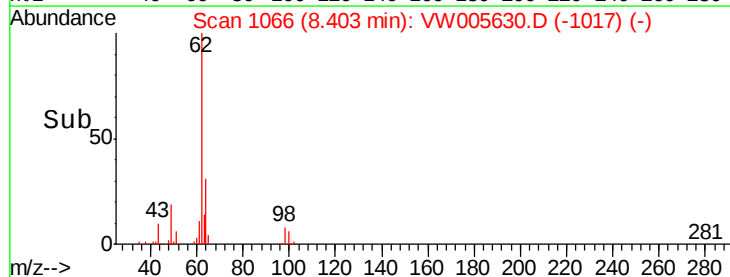
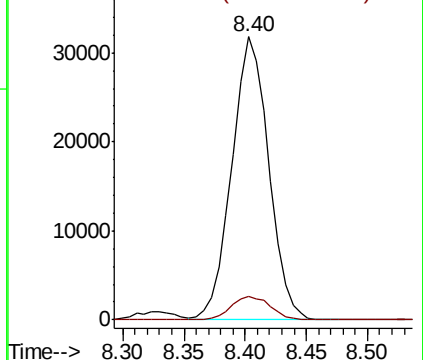


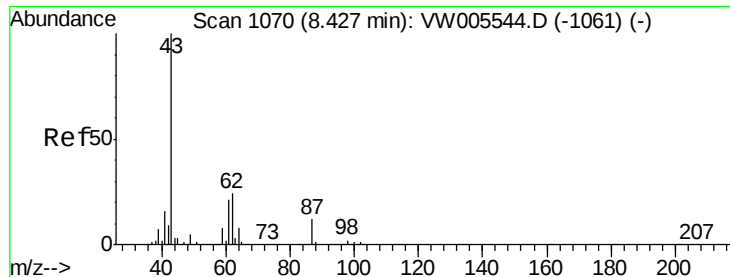
#42
1,2-Dichloroethane
Concen: 20.021 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Tgt Ion:	62	Resp:	66594
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	15.6



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





#43

Isopropyl Acetate

Concen: 20.808 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.01 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS02

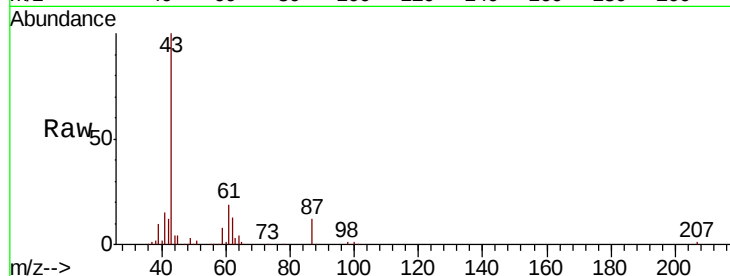
Tgt Ion: 43 Resp: 63125

Ion Ratio Lower Upper

43 100

61 29.7 24.1 36.1

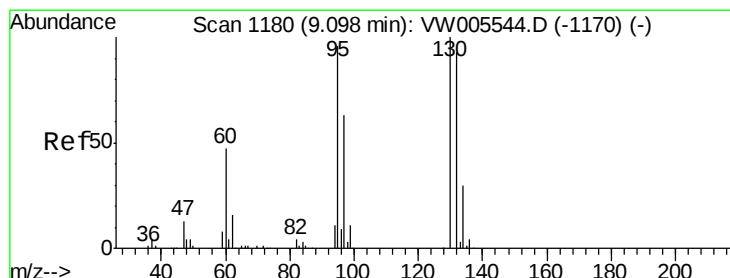
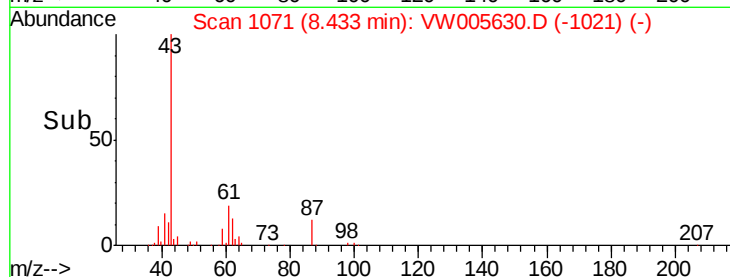
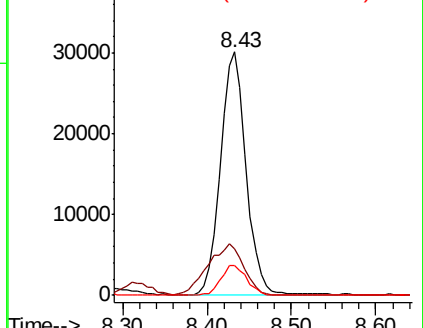
87 12.4 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 20.358 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW005630.D

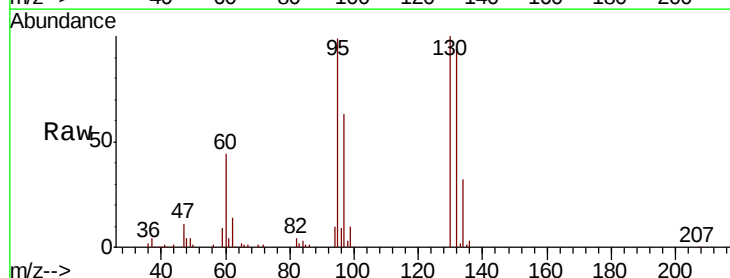
Acq: 26 Sep 2018 01:38

Tgt Ion: 130 Resp: 54137

Ion Ratio Lower Upper

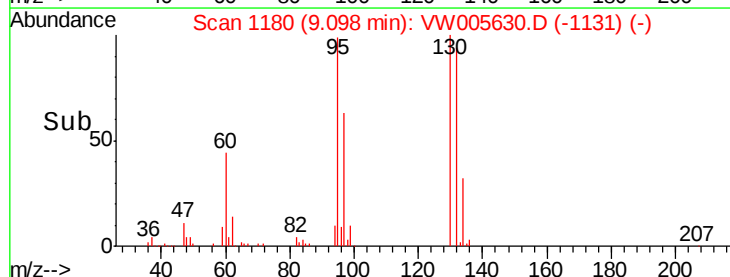
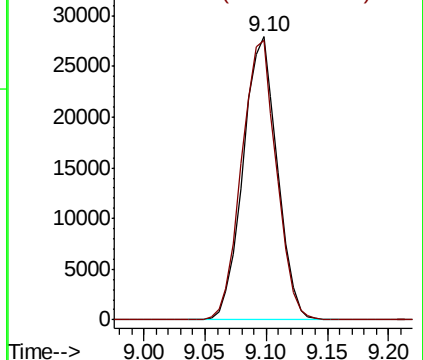
130 100

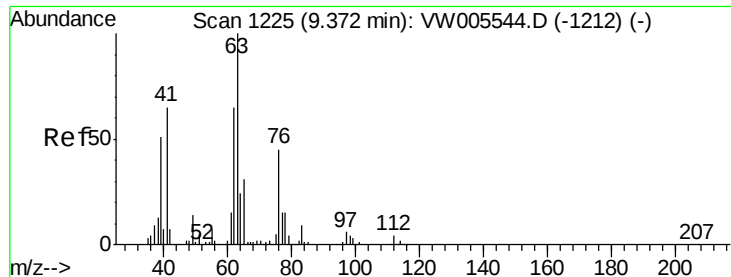
95 98.9 0.0 191.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

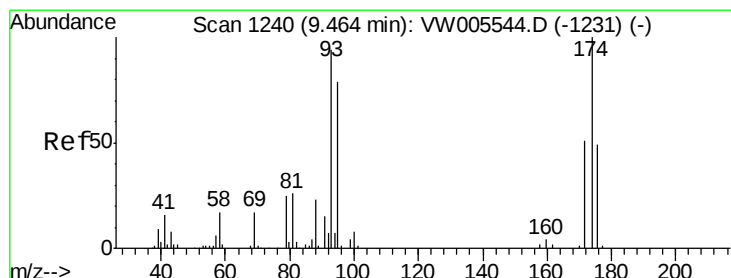
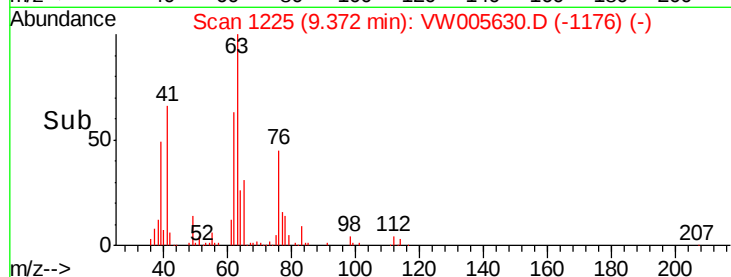
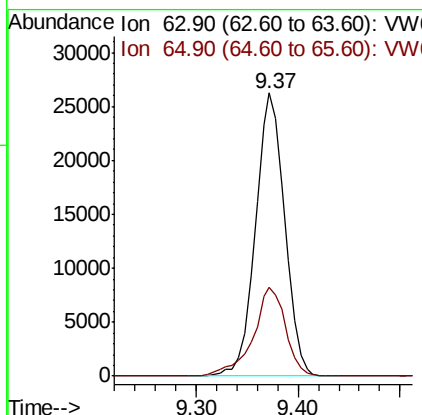
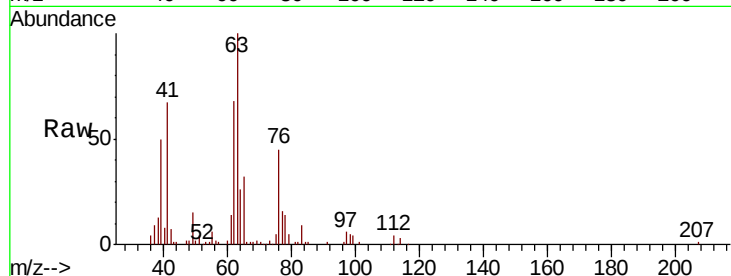




#45
 1,2-Dichloropropane
 Concen: 20.477 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW005630.D
 Acq: 26 Sep 2018 01:38

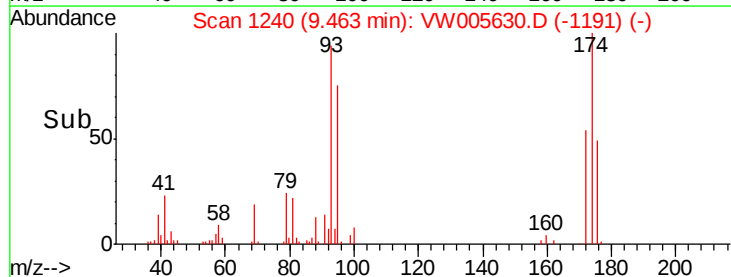
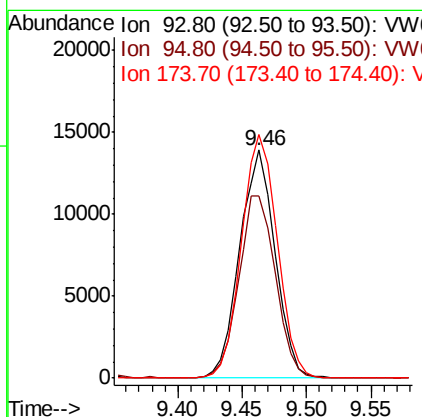
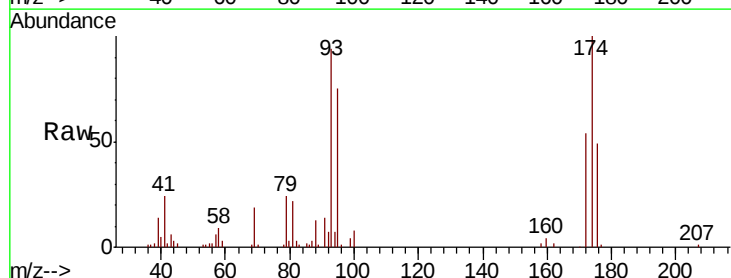
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS02

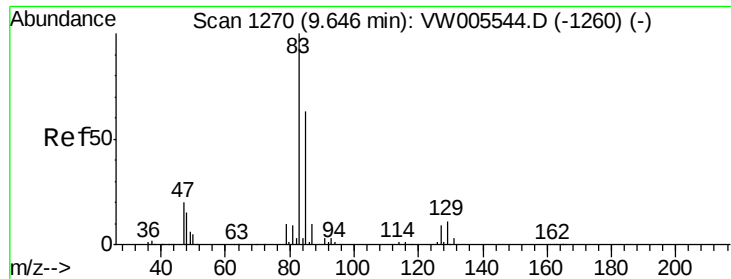
Tgt Ion: 63 Resp: 52338
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.7 37.1



#46
 Dibromomethane
 Concen: 20.699 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005630.D
 Acq: 26 Sep 2018 01:38

Tgt Ion: 93 Resp: 26434
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.8 98.8
 174 108.2 84.0 126.0





#47

Bromodichloromethane

Concen: 19.752 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS02

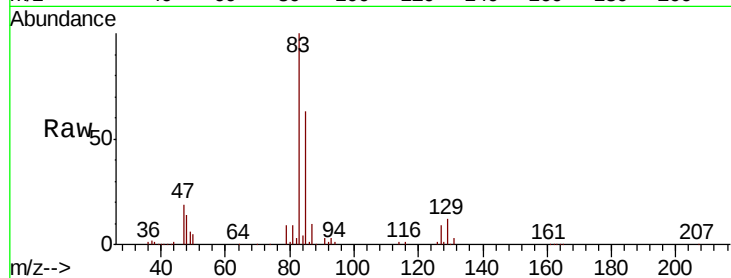
Tgt Ion: 83 Resp: 67759

Ion Ratio Lower Upper

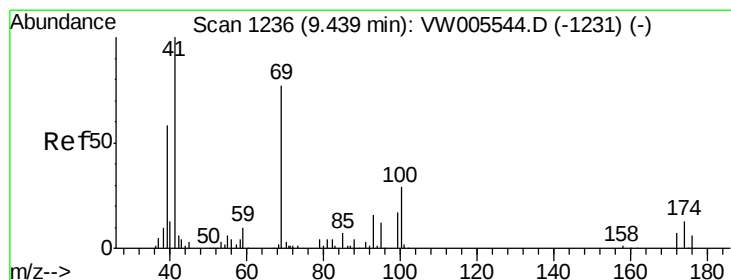
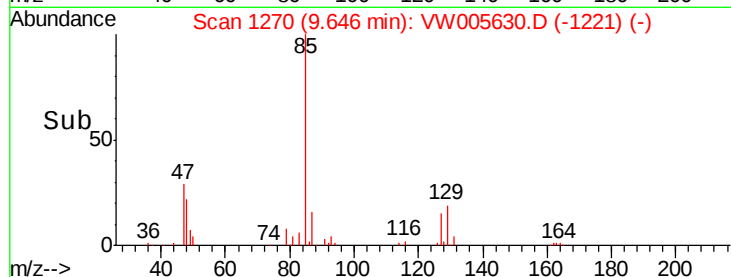
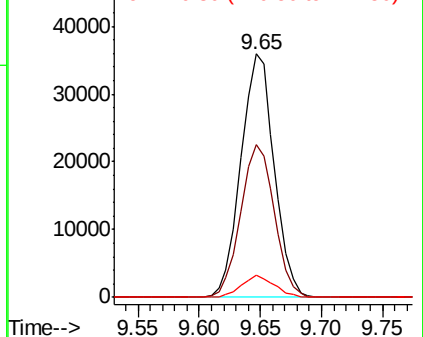
83 100

85 62.6 50.5 75.7

127 9.1 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 20.686 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

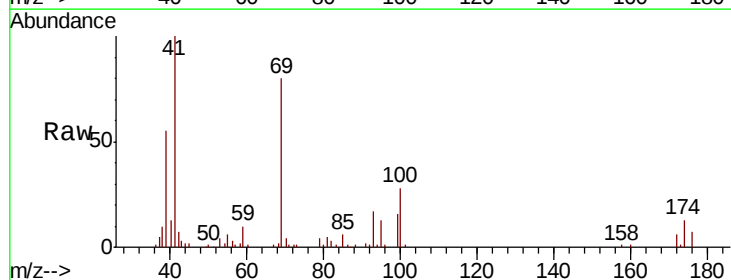
Tgt Ion: 41 Resp: 29807

Ion Ratio Lower Upper

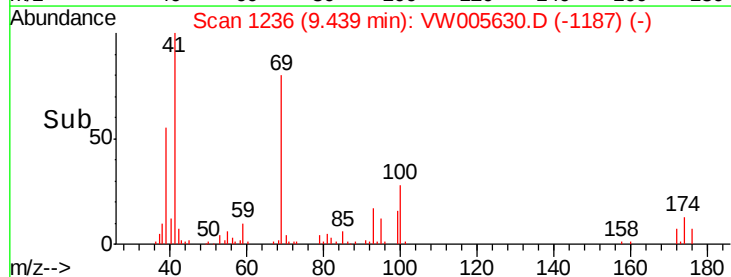
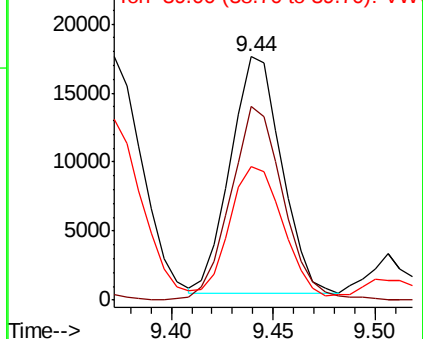
41 100

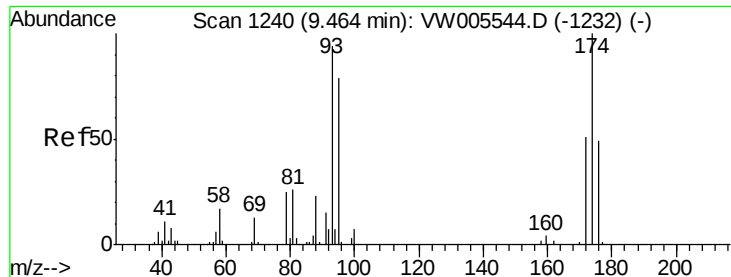
69 84.7 64.7 97.1

39 60.3 50.5 75.7



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 423.572 ug/l

RT: 9.49 min Scan# 1244

Delta R.T. 0.02 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS02

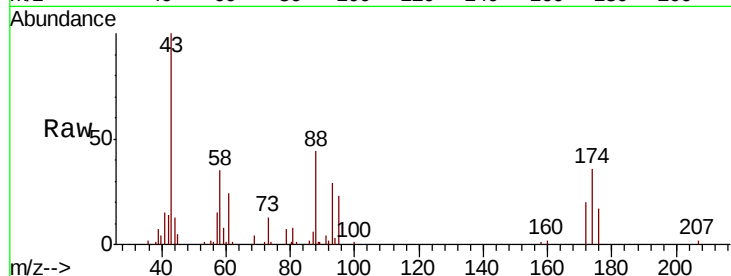
Tgt Ion: 88 Resp: 8600

Ion Ratio Lower Upper

88 100

43 574.8 0.0 0.0#

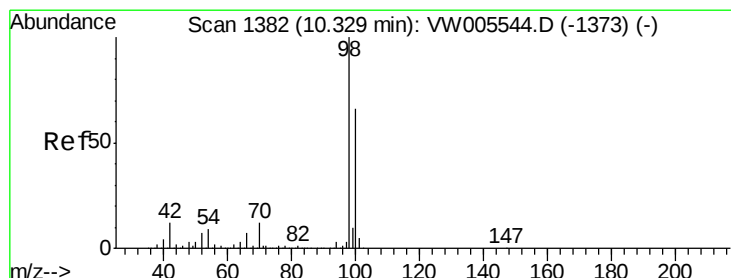
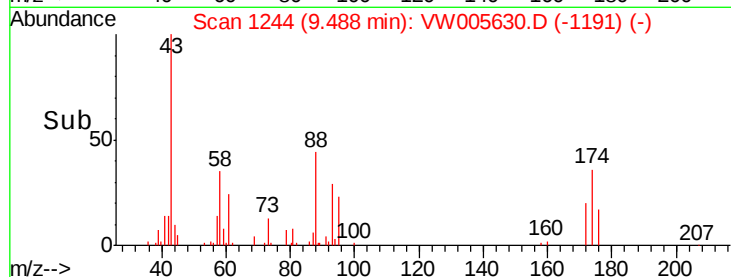
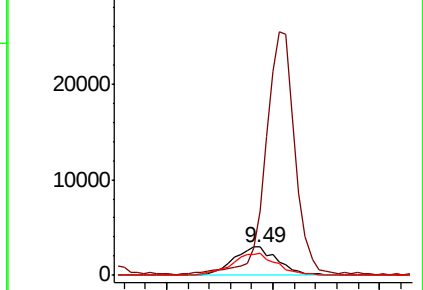
58 80.3 61.2 91.8



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 46.036 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005630.D

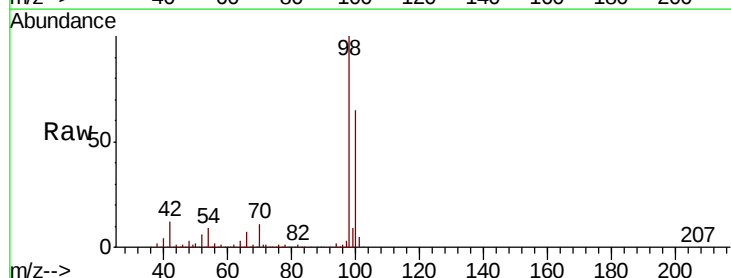
Acq: 26 Sep 2018 01:38

Tgt Ion: 98 Resp: 429367

Ion Ratio Lower Upper

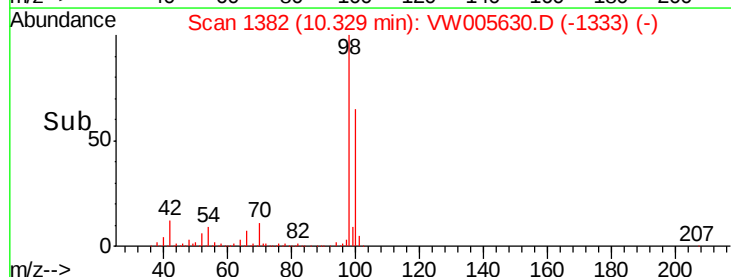
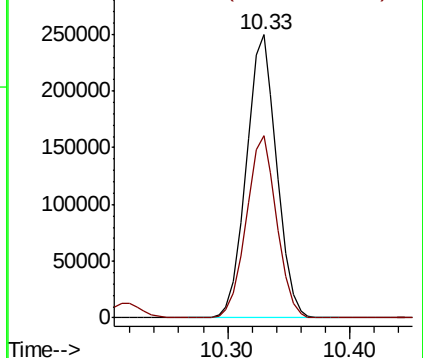
98 100

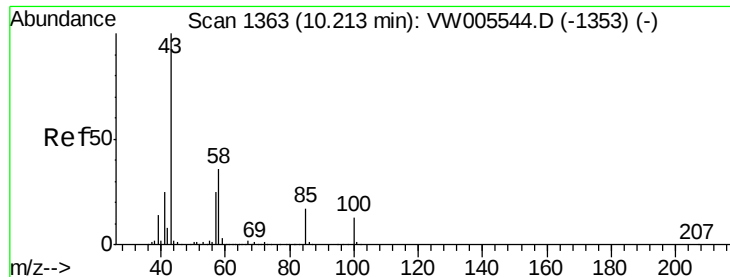
100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

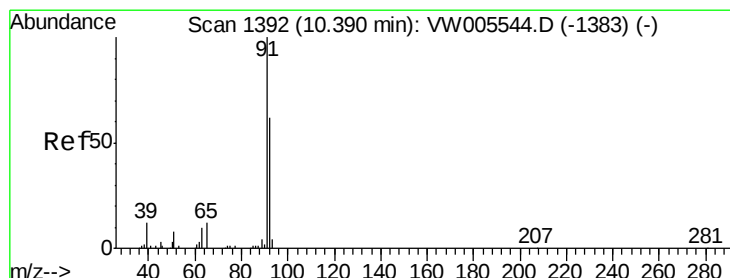
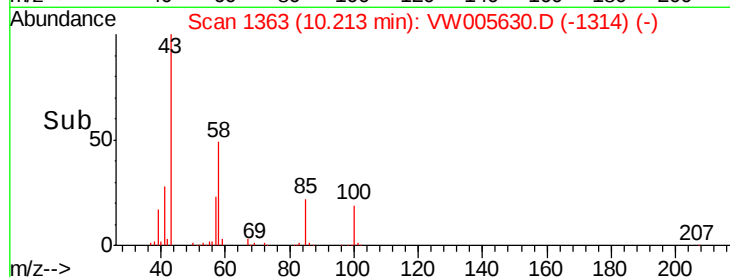
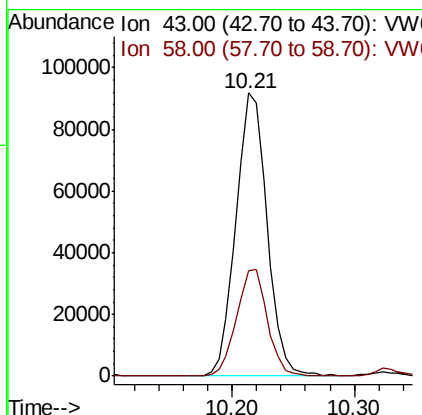
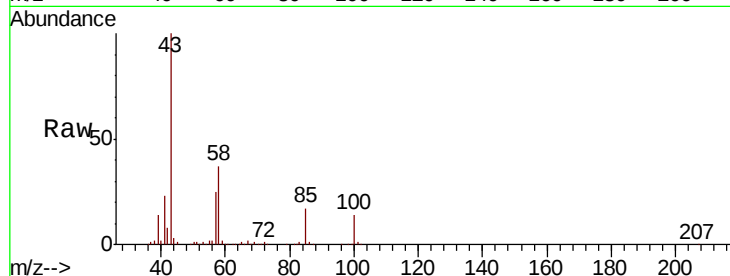




#51
 4-Methyl-2-Pentanone
 Concen: 105.858 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW005630.D
 Acq: 26 Sep 2018 01:38

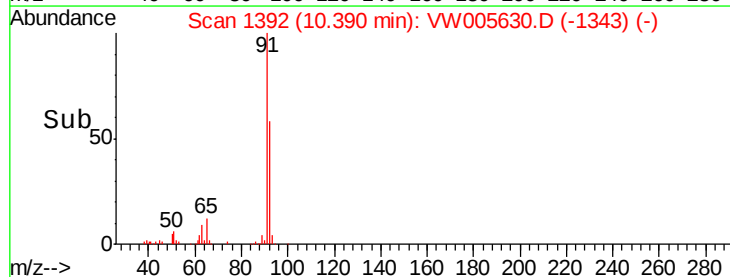
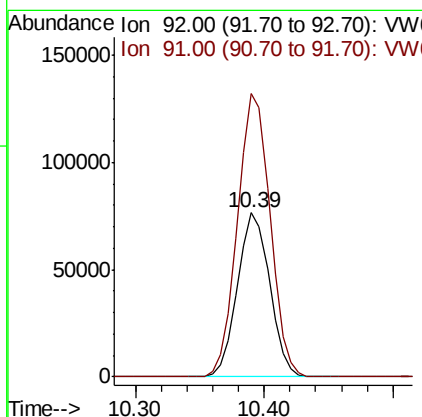
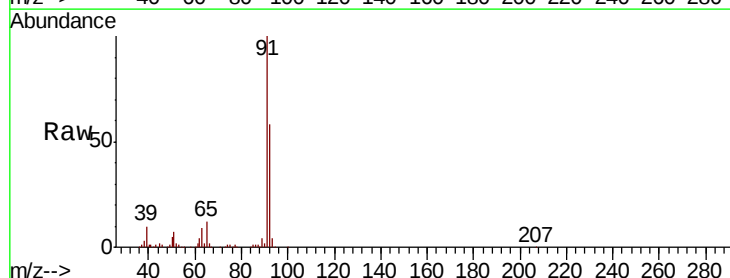
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS02

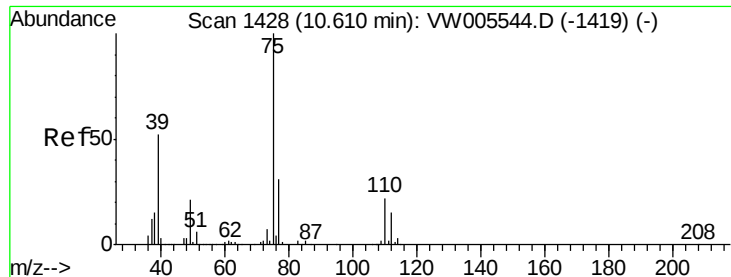
Tgt Ion: 43 Resp: 161749
 Ion Ratio Lower Upper
 43 100
 58 37.4 30.0 45.0



#52
 Toluene
 Concen: 20.478 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW005630.D
 Acq: 26 Sep 2018 01:38

Tgt Ion: 92 Resp: 132746
 Ion Ratio Lower Upper
 92 100
 91 174.6 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 19.817 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

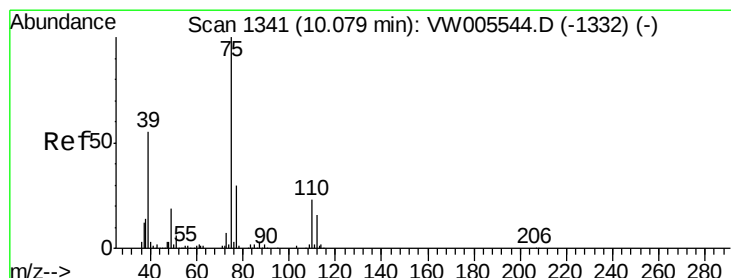
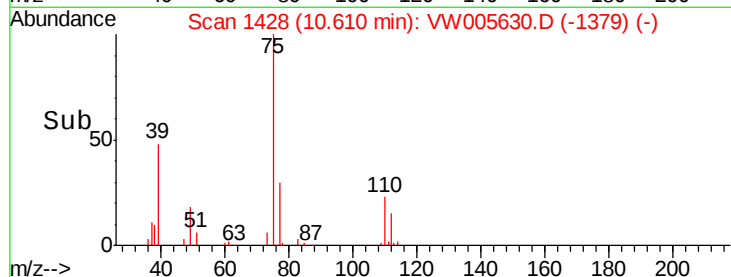
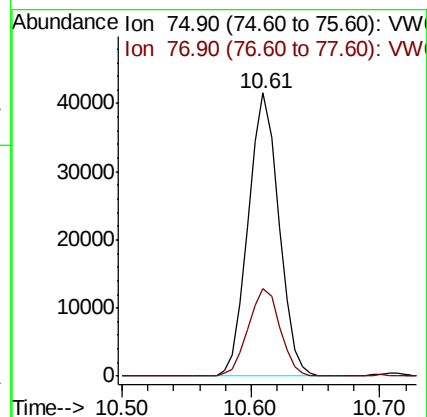
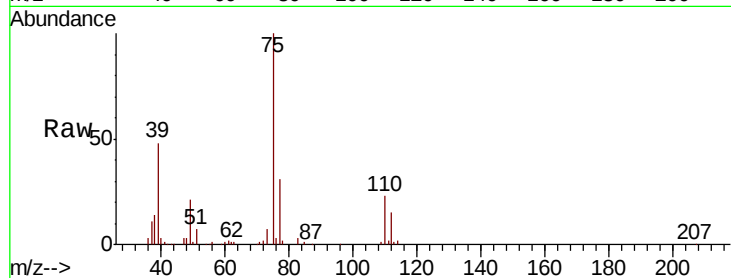
VW0925SBS02

Tgt Ion: 75 Resp: 68151

Ion Ratio Lower Upper

75 100

77 30.5 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 20.081 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

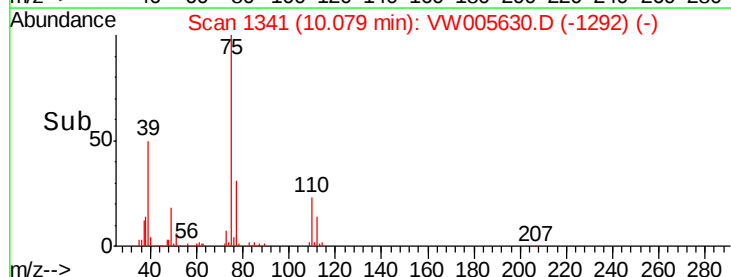
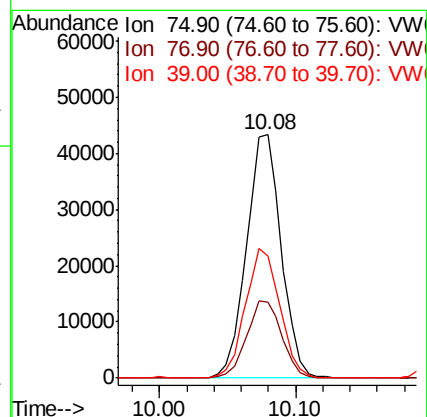
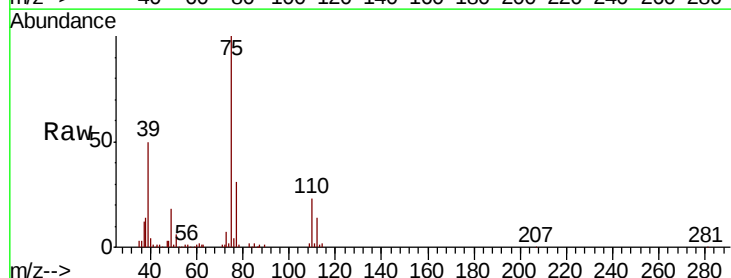
Tgt Ion: 75 Resp: 77375

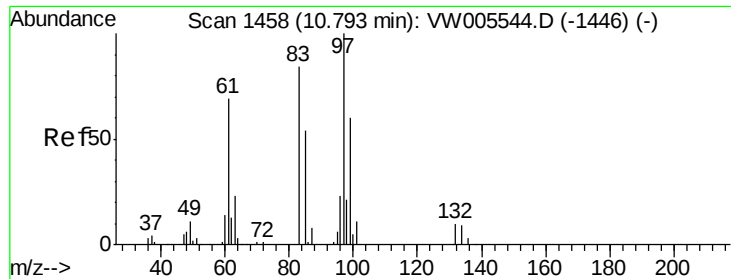
Ion Ratio Lower Upper

75 100

77 31.1 24.3 36.5

39 50.2 43.7 65.5





#55

1,1,2-Trichloroethane

Concen: 20.541 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS02

Tgt Ion: 97 Resp: 37236

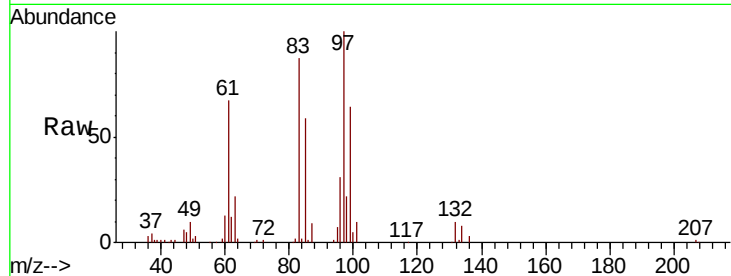
Ion Ratio Lower Upper

97 100

83 87.1 67.4 101.2

85 59.0 43.3 64.9

99 63.9 48.0 72.0

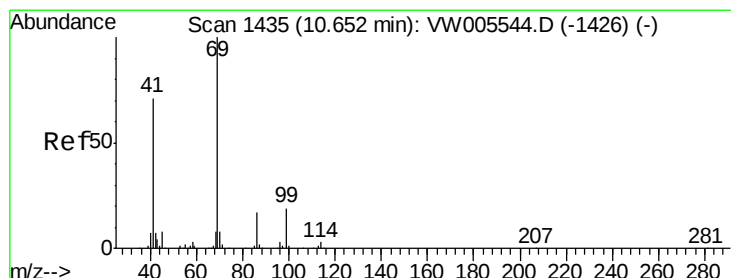
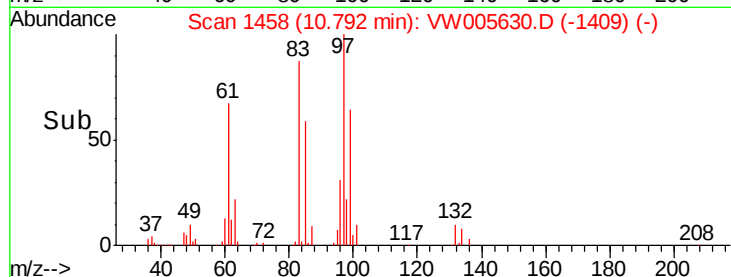
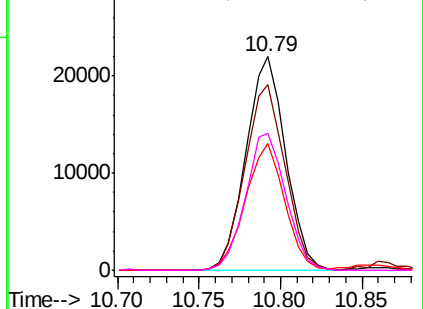


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 20.671 ug/l

RT: 10.65 min Scan# 1435

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

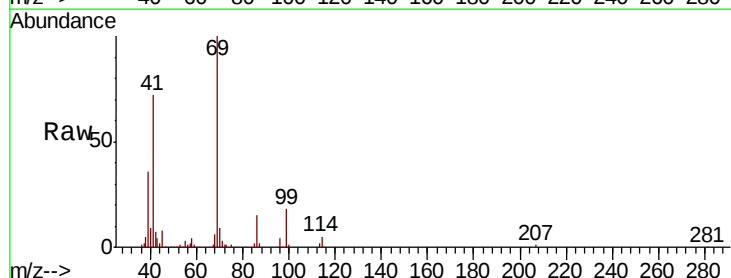
Tgt Ion: 69 Resp: 46257

Ion Ratio Lower Upper

69 100

41 71.7 57.3 85.9

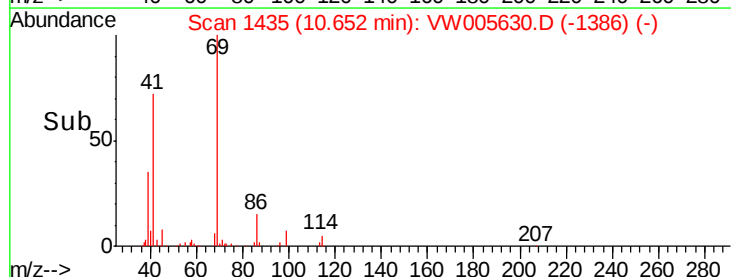
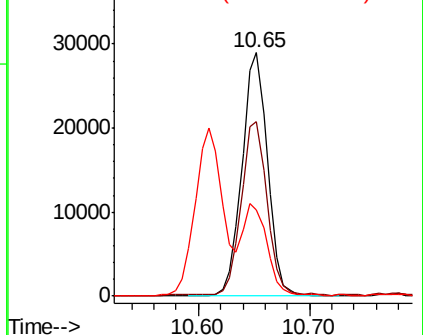
39 35.2 29.2 43.8

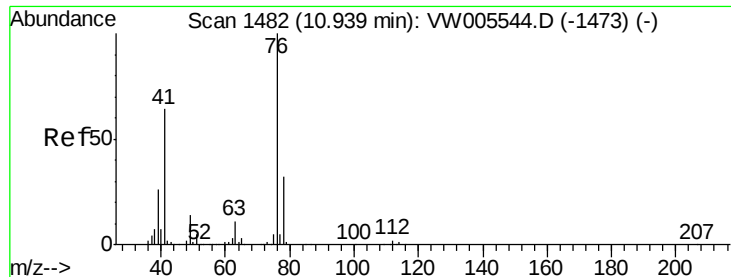


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

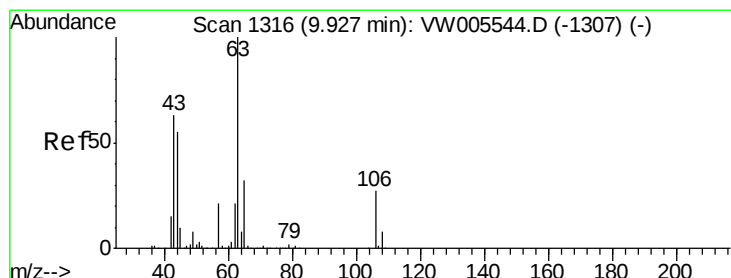
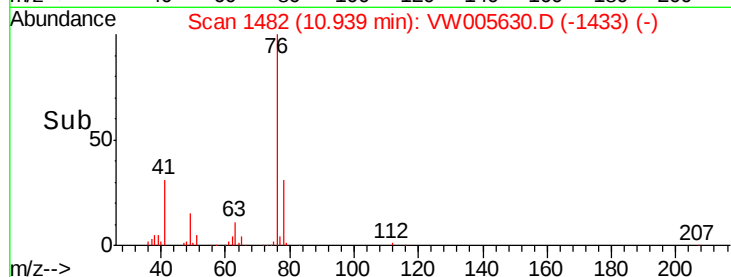
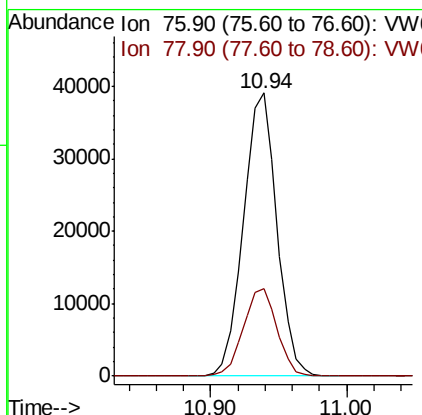
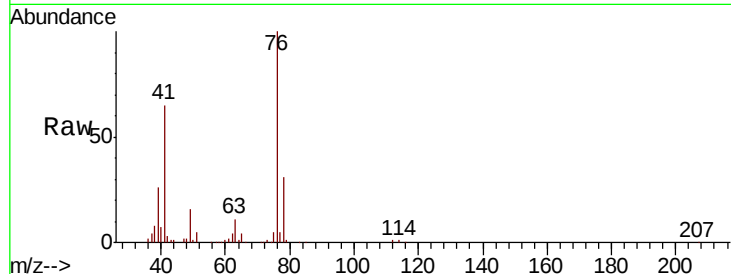




#57
 1,3-Dichloropropane
 Concen: 20.889 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005630.D
 Acq: 26 Sep 2018 01:38

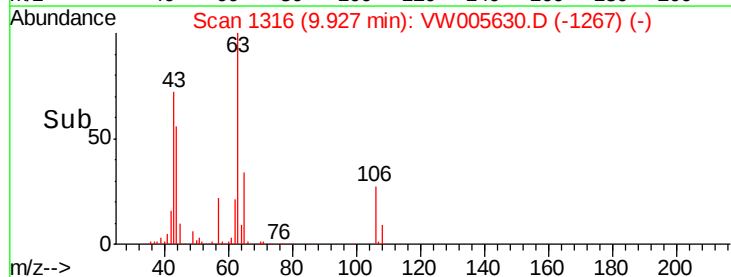
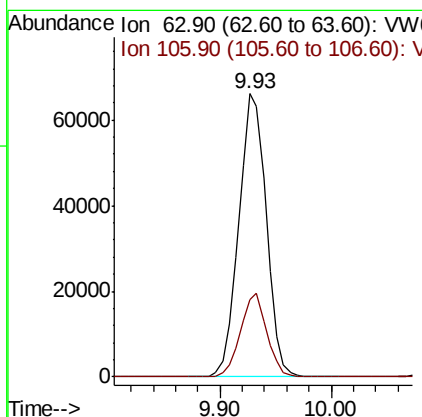
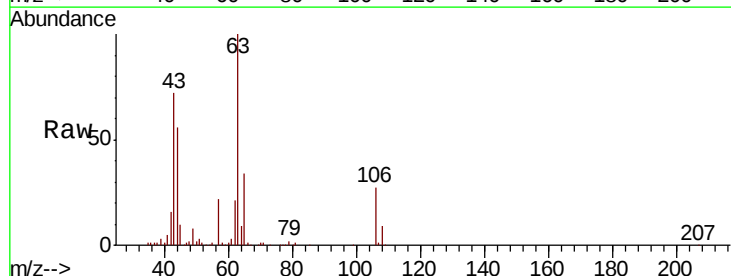
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS02

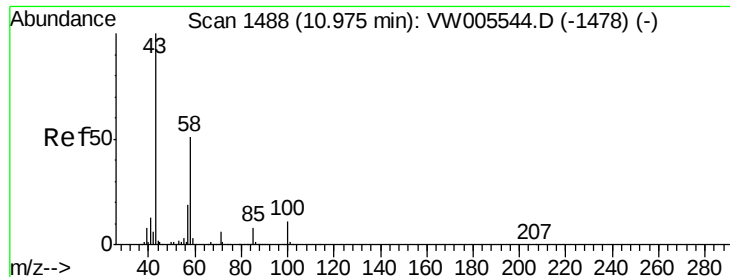
Tgt Ion: 76 Resp: 67112
 Ion Ratio Lower Upper
 76 100
 78 31.2 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 111.390 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW005630.D
 Acq: 26 Sep 2018 01:38

Tgt Ion: 63 Resp: 112993
 Ion Ratio Lower Upper
 63 100
 106 28.1 21.6 32.4

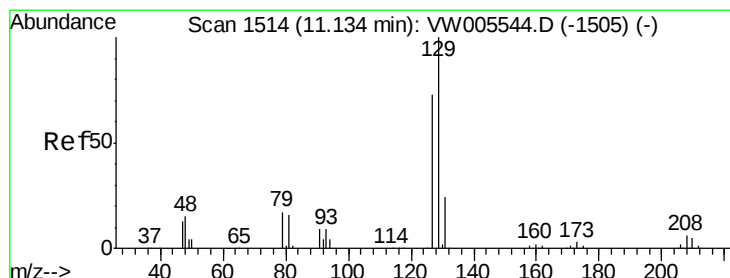
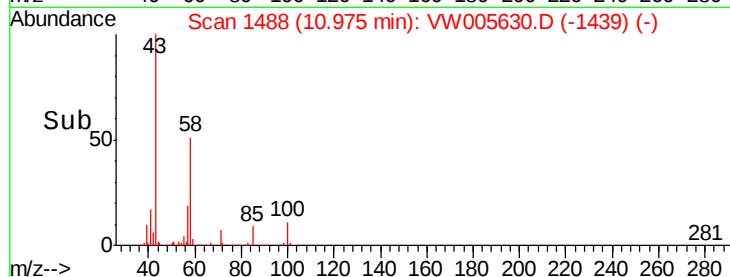
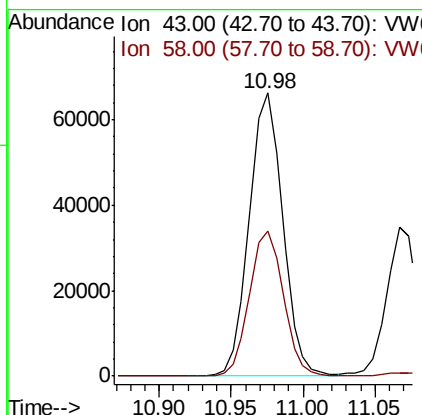
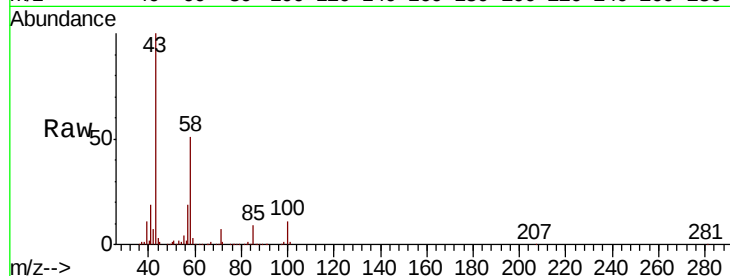




#59
2-Hexanone
Concen: 102.388 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

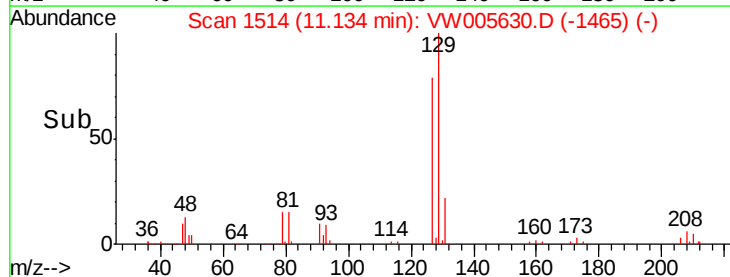
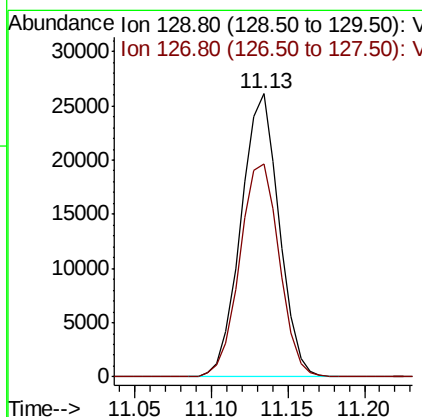
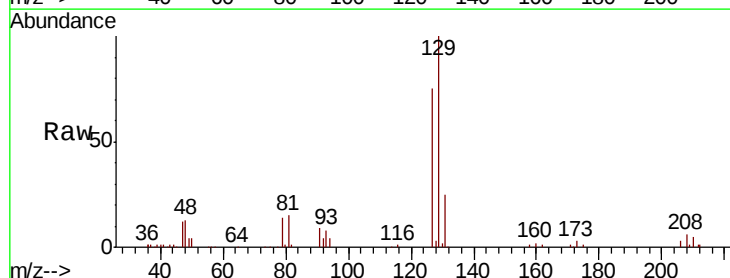
Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS02

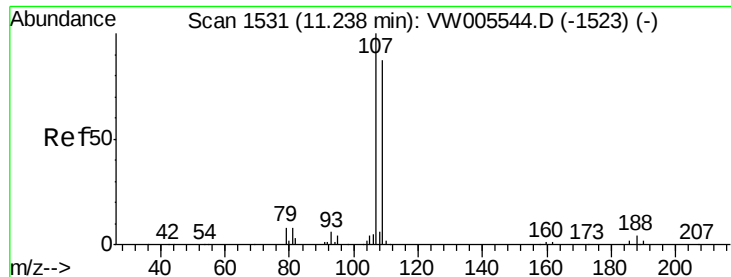
Tgt Ion: 43 Resp: 106278
Ion Ratio Lower Upper
43 100
58 52.0 25.3 75.9



#60
Dibromochloromethane
Concen: 20.613 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Tgt Ion: 129 Resp: 45149
Ion Ratio Lower Upper
129 100
127 78.3 38.5 115.5





#61

1,2-Dibromoethane

Concen: 21.463 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

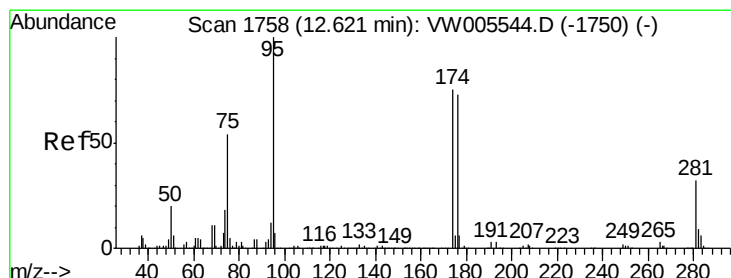
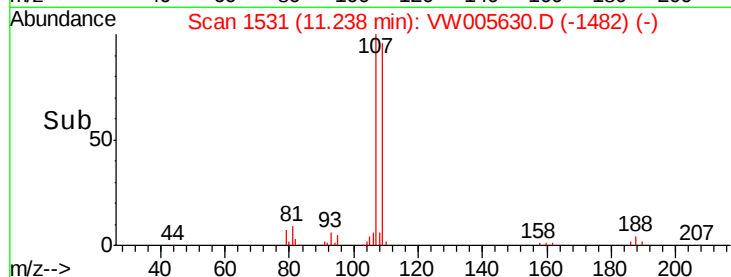
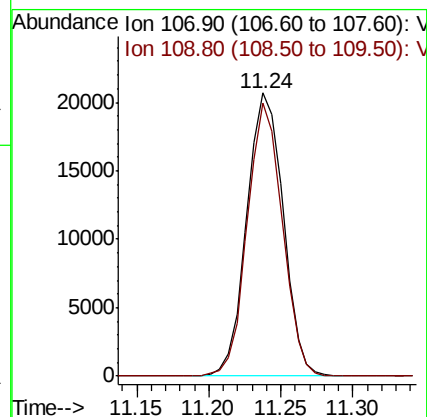
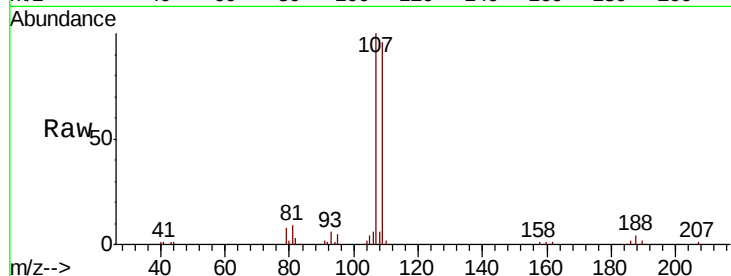
VW0925SBS02

Tgt Ion: 107 Resp: 36275

Ion Ratio Lower Upper

107 100

109 92.6 73.4 110.0



#62

4-Bromofluorobenzene

Concen: 46.359 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

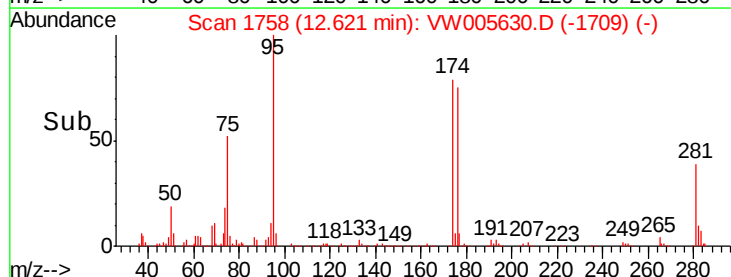
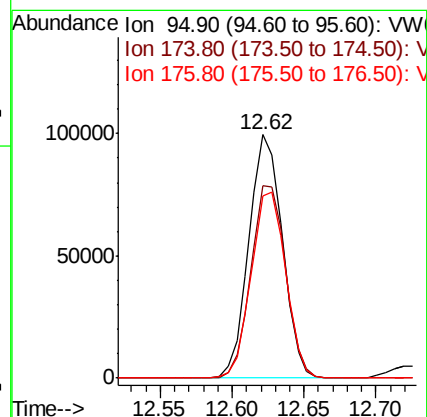
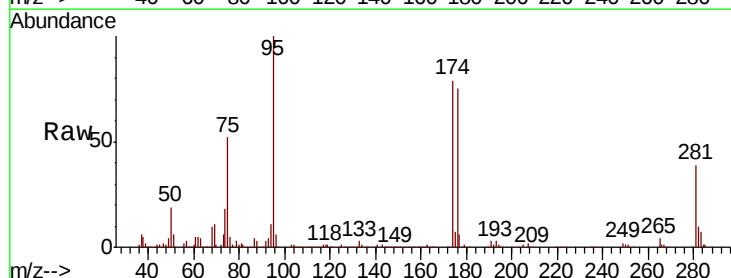
Tgt Ion: 95 Resp: 159991

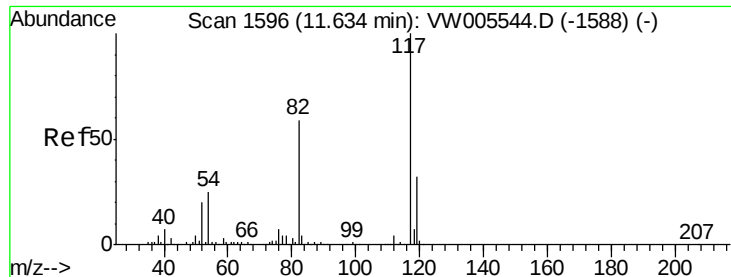
Ion Ratio Lower Upper

95 100

174 81.7 0.0 163.8

176 78.6 0.0 158.0

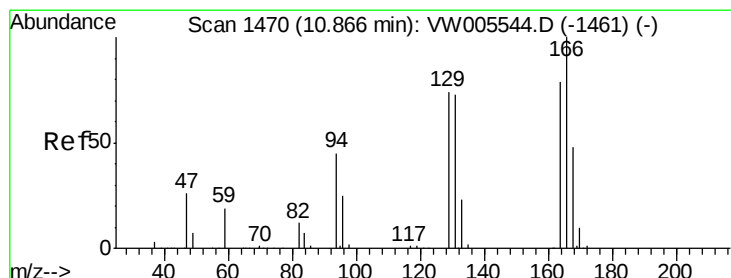
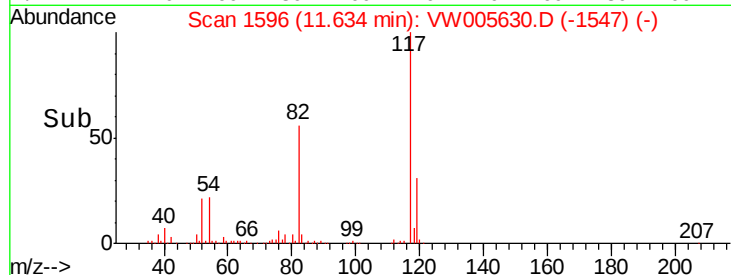
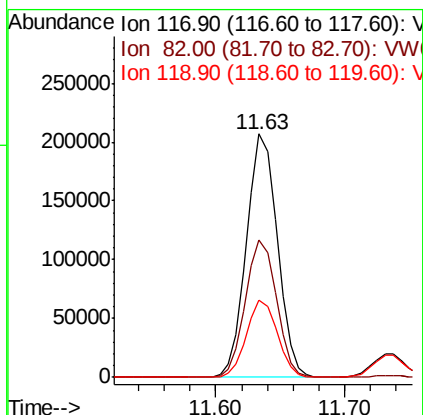
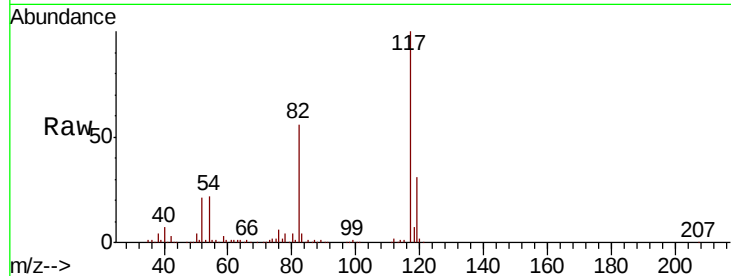




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

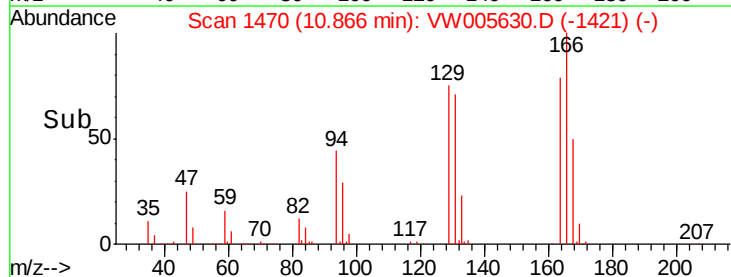
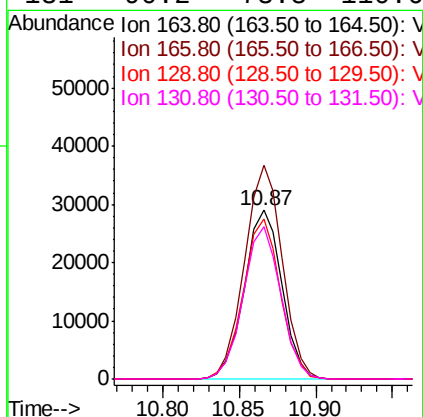
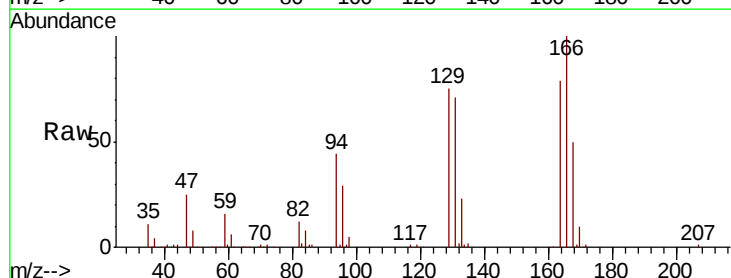
Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS02

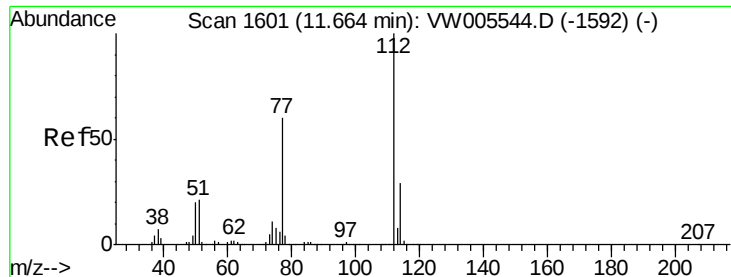
Tgt Ion:117 Resp: 342909
Ion Ratio Lower Upper
117 100
82 56.4 46.9 70.3
119 31.5 25.7 38.5



#64
Tetrachloroethene
Concen: 20.392 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Tgt Ion:164 Resp: 49629
Ion Ratio Lower Upper
164 100
166 126.8 101.1 151.7
129 94.9 74.4 111.6
131 90.2 73.8 110.6

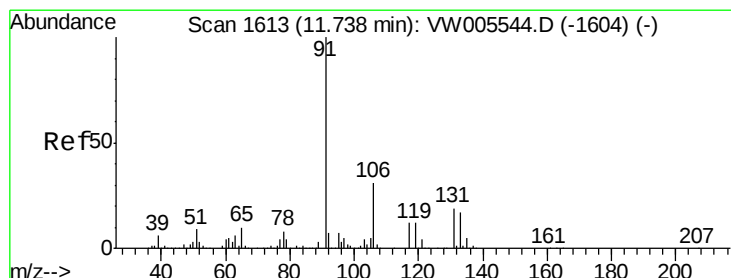
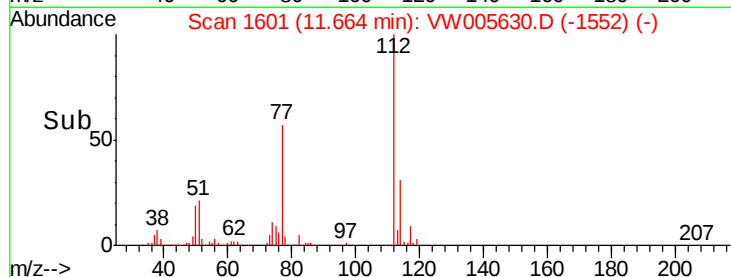
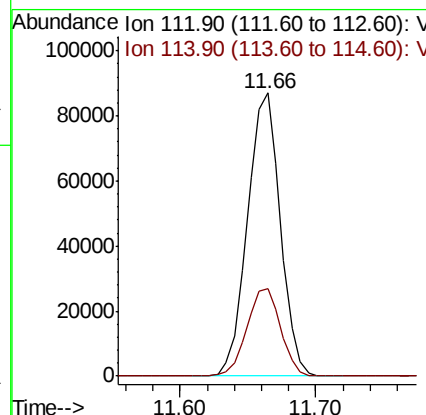
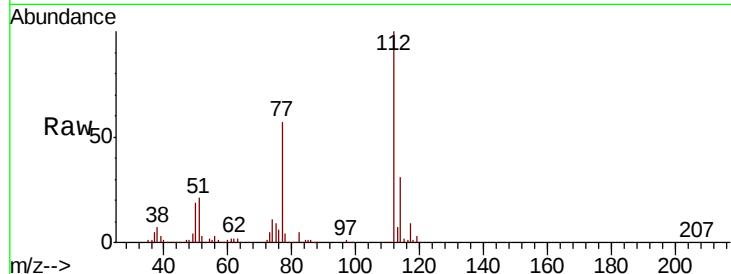




#65
Chlorobenzene
Concen: 20.162 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

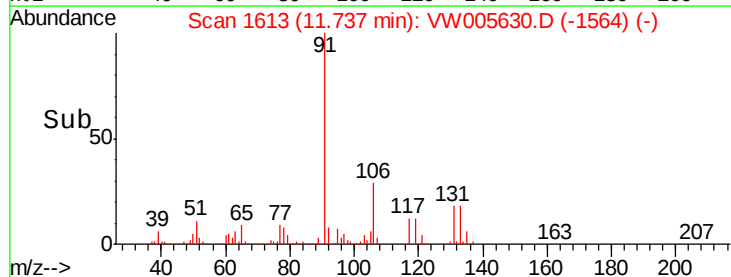
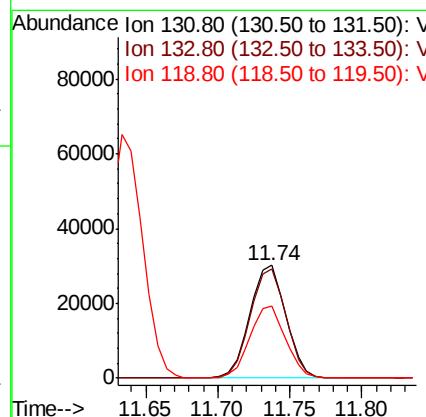
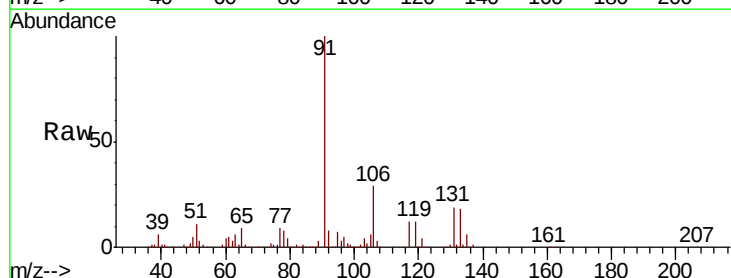
Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS02

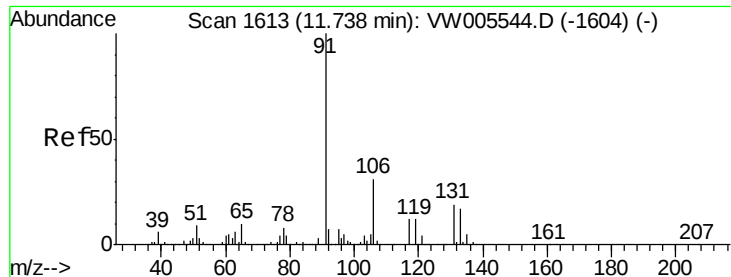
Tgt Ion:112 Resp: 146769
Ion Ratio Lower Upper
112 100
114 31.0 22.9 34.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.750 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Tgt Ion:131 Resp: 51744
Ion Ratio Lower Upper
131 100
133 97.2 47.2 141.6
119 63.7 31.1 93.2

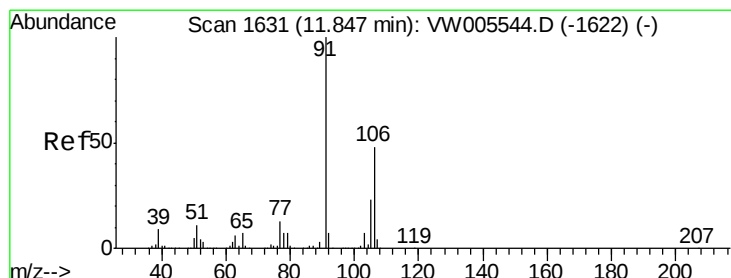
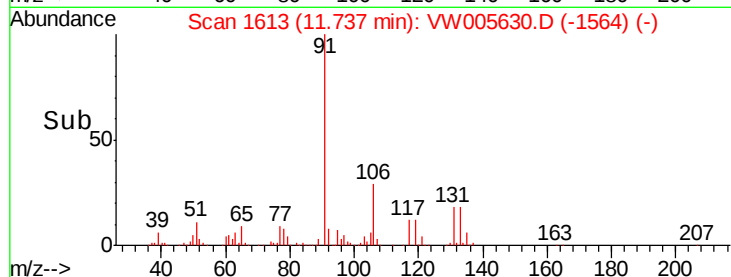
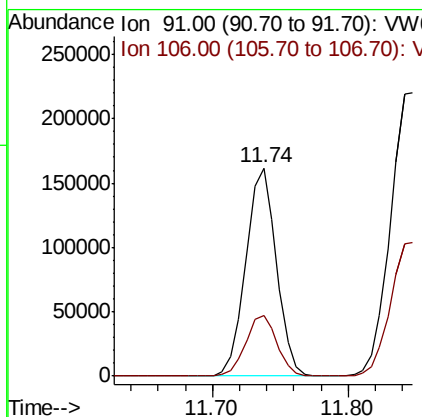
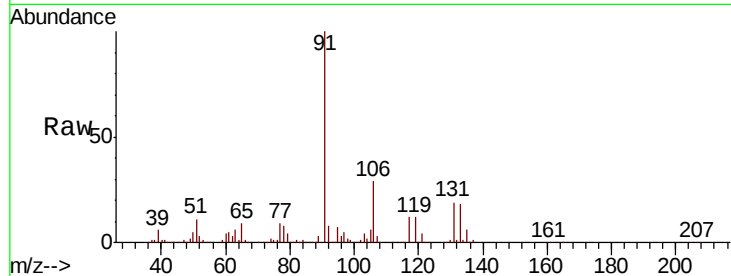




#67
Ethyl Benzene
Concen: 19.755 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

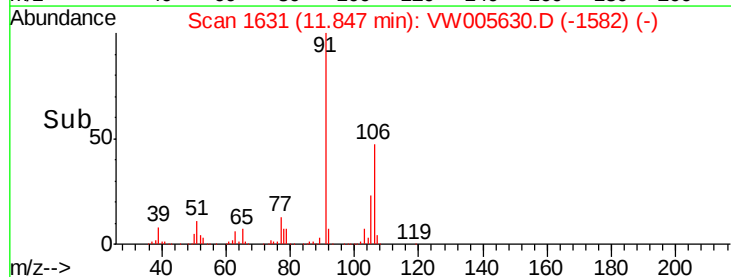
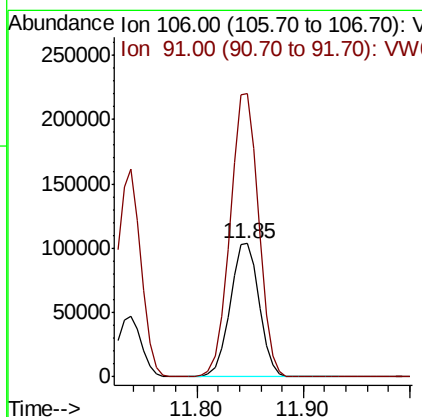
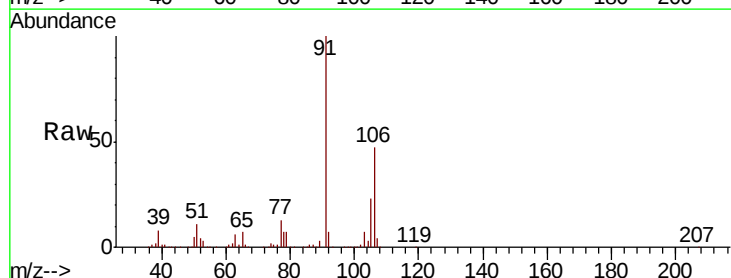
Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS02

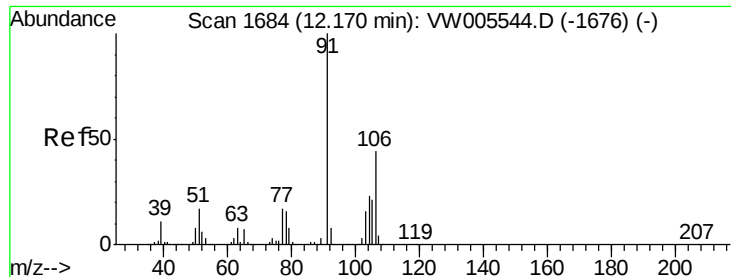
Tgt Ion: 91 Resp: 255262
Ion Ratio Lower Upper
91 100
106 29.3 24.4 36.6



#68
m/p-Xylenes
Concen: 40.461 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Tgt Ion: 106 Resp: 197520
Ion Ratio Lower Upper
106 100
91 209.2 167.8 251.8

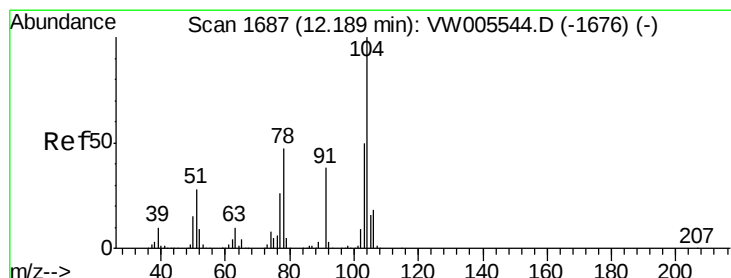
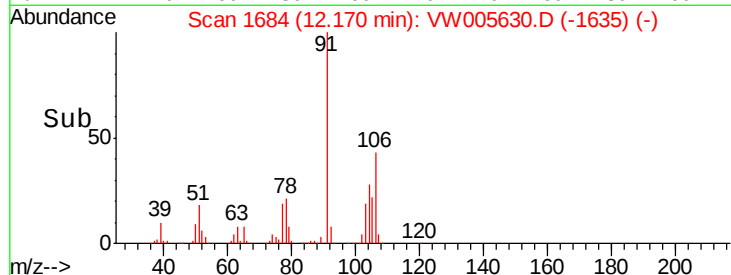
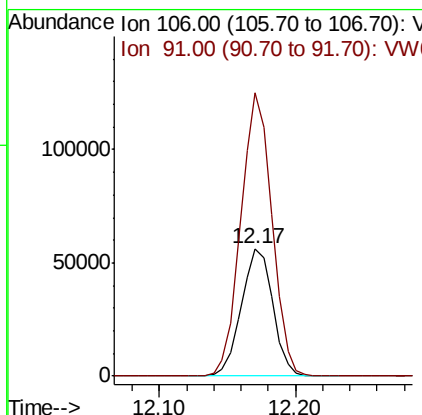
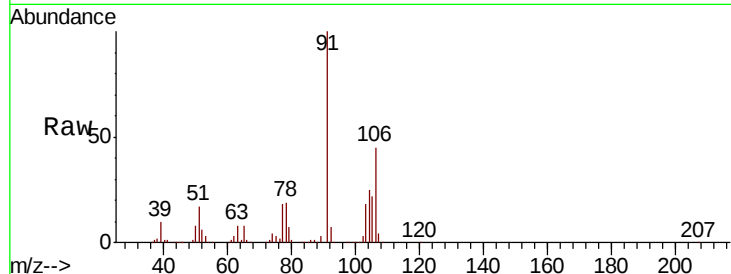




#69
o-Xylene
Concen: 19.915 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

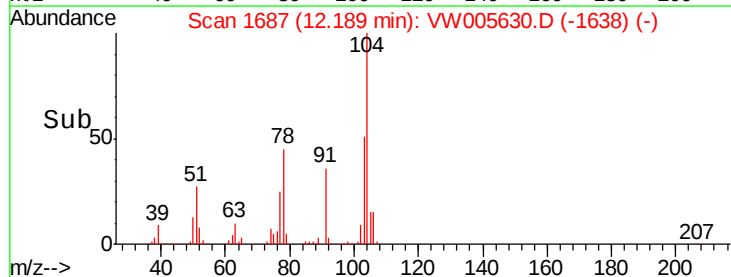
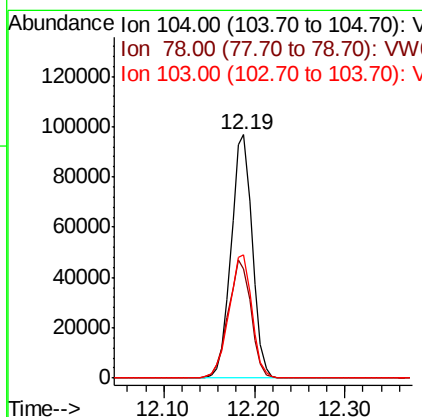
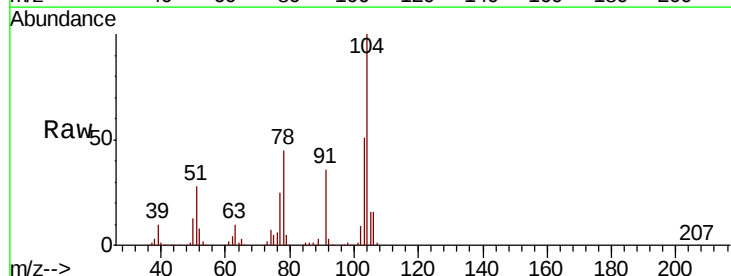
Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS02

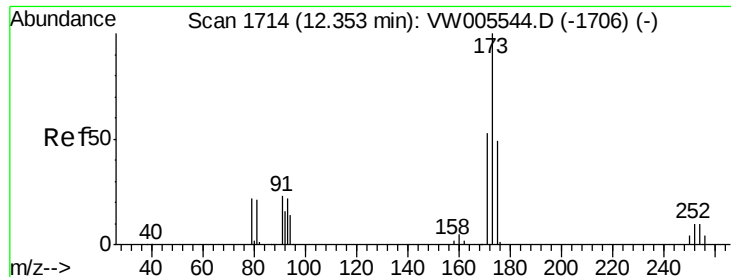
Tgt Ion:106 Resp: 91049
Ion Ratio Lower Upper
106 100
91 220.0 111.0 333.0



#70
Styrene
Concen: 20.357 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Tgt Ion:104 Resp: 156628
Ion Ratio Lower Upper
104 100
78 52.4 42.2 63.4
103 54.9 44.6 66.8





#71

Bromoform

Concen: 20.251 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS02

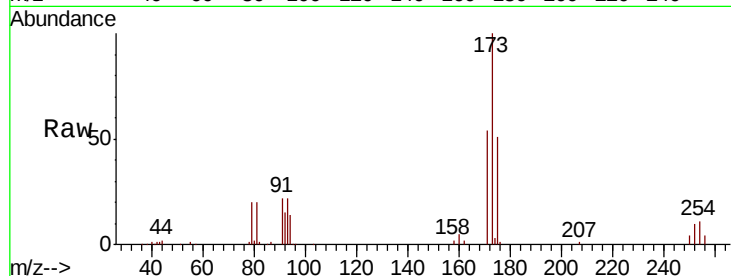
Tgt Ion:173 Resp: 28163

Ion Ratio Lower Upper

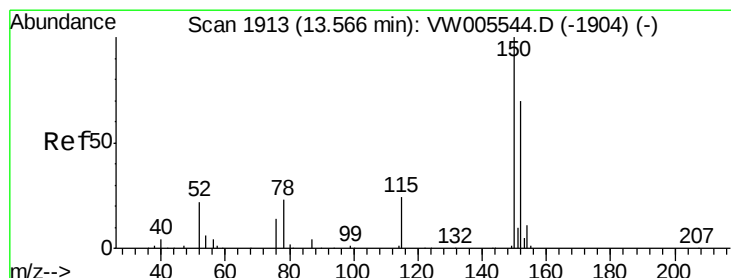
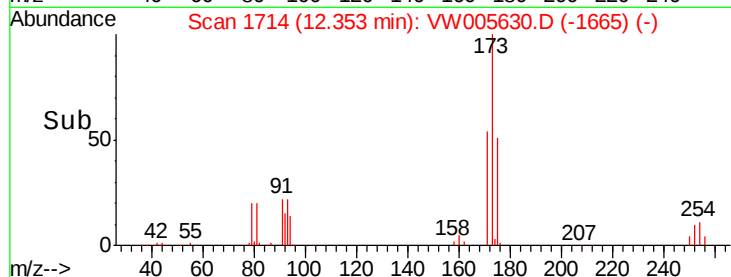
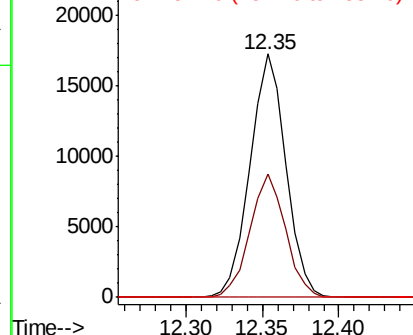
173 100

175 50.3 24.3 72.9

254 0.0 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# 1913

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

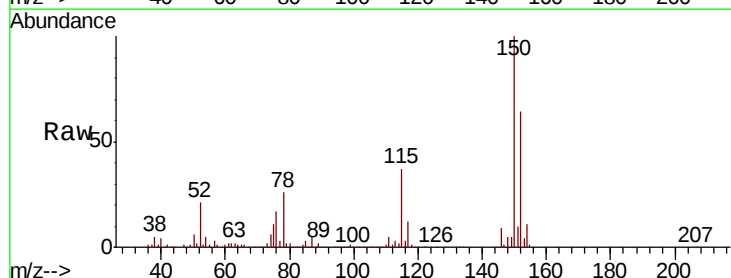
Tgt Ion:152 Resp: 186638

Ion Ratio Lower Upper

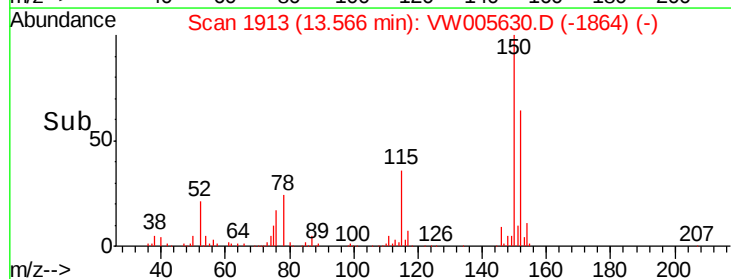
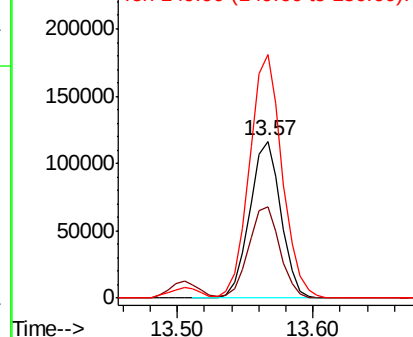
152 100

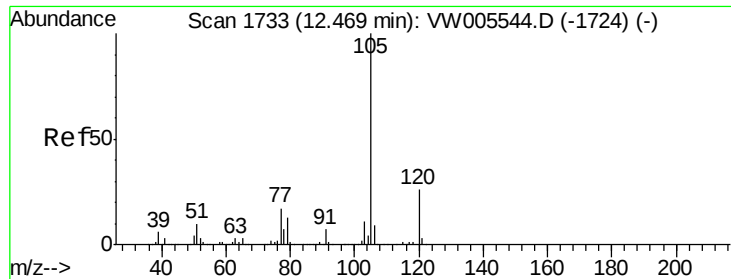
115 58.6 30.0 90.0

150 162.7 0.0 348.6



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





#73

Isopropylbenzene

Concen: 20.168 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

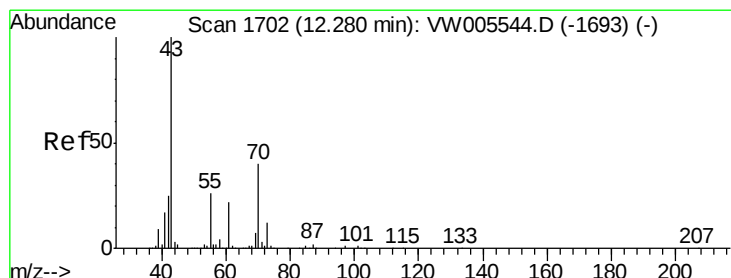
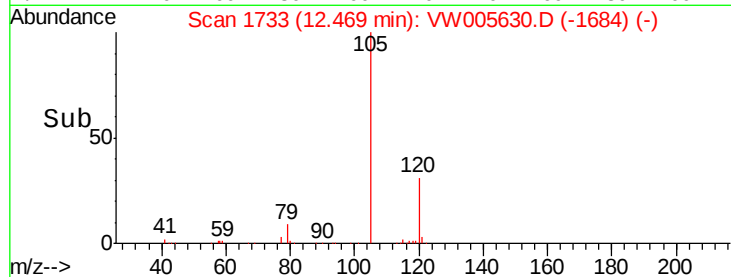
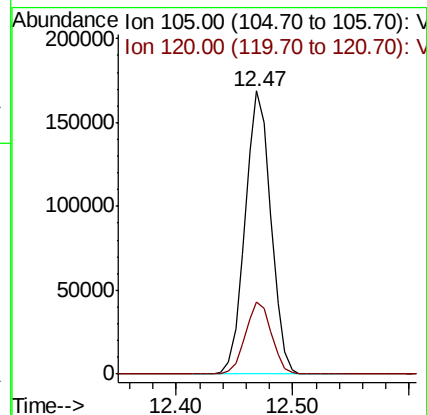
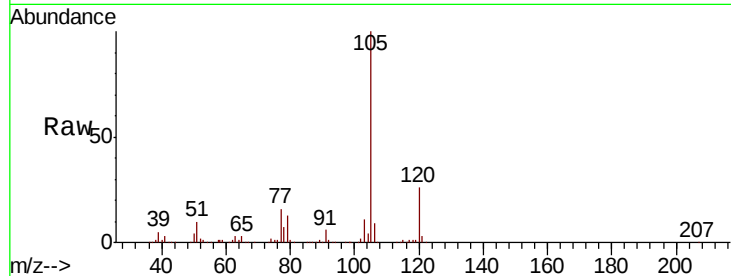
VW0925SBS02

Tgt Ion:105 Resp: 261027

Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.7



#74

N-ethyl acetate

Concen: 20.371 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Tgt Ion: 43 Resp: 59704

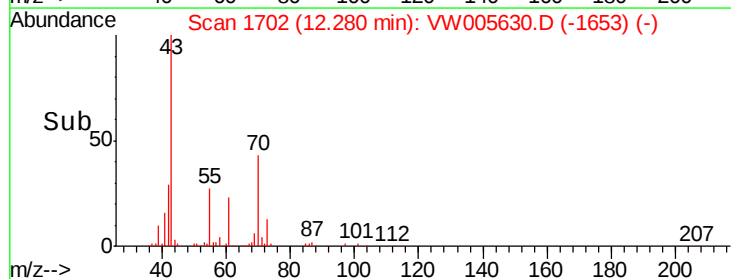
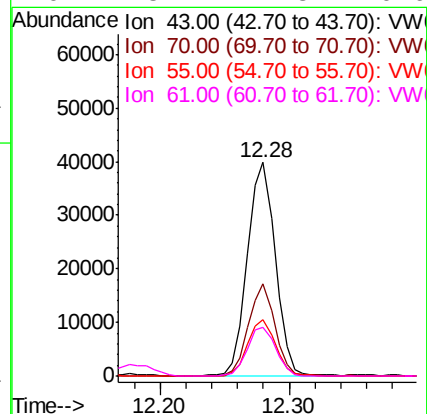
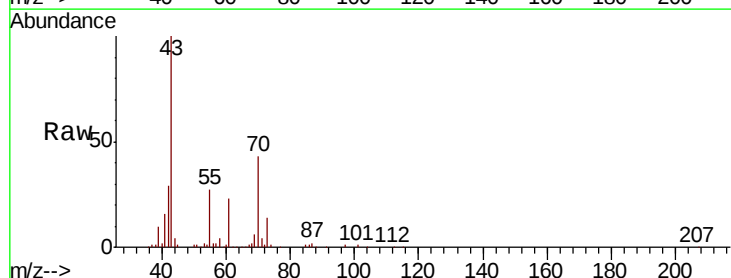
Ion Ratio Lower Upper

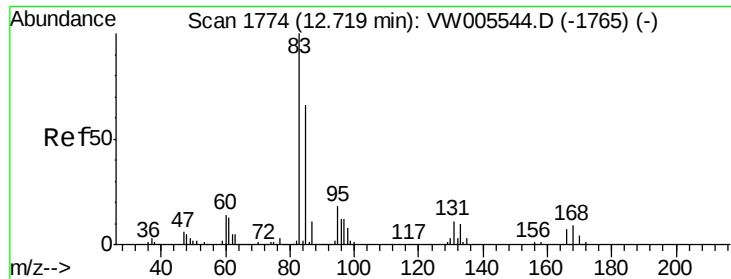
43 100

70 40.5 31.4 47.0

55 26.4 20.9 31.3

61 23.4 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.549 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS02

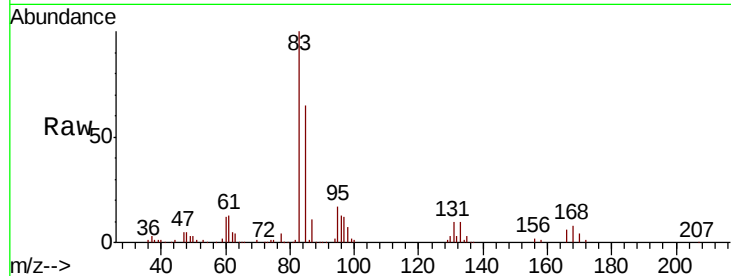
Tgt Ion: 83 Resp: 44177

Ion Ratio Lower Upper

83 100

131 11.4 5.5 16.7

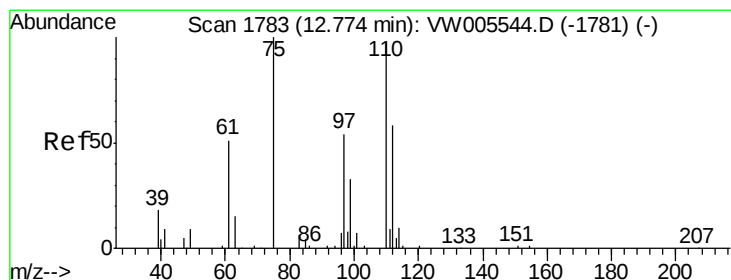
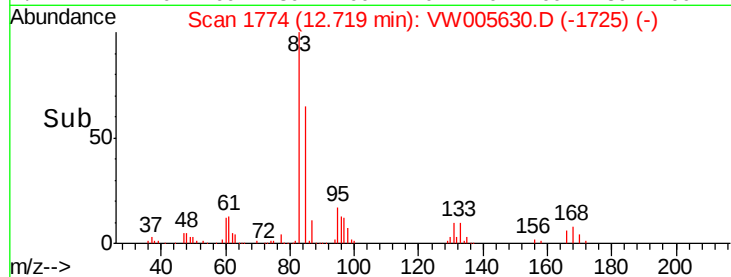
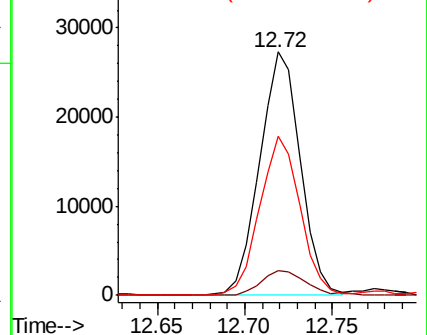
85 64.8 32.4 97.0



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: 38.926 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005630.D

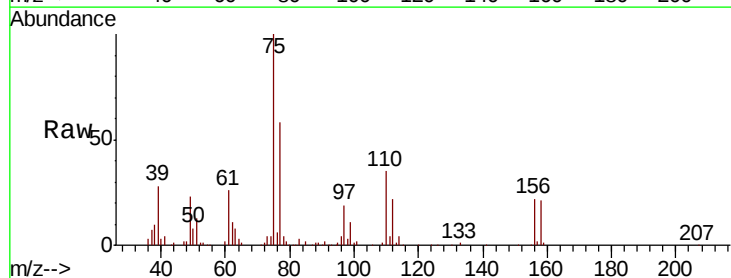
Acq: 26 Sep 2018 01:38

Tgt Ion: 75 Resp: 61930

Ion Ratio Lower Upper

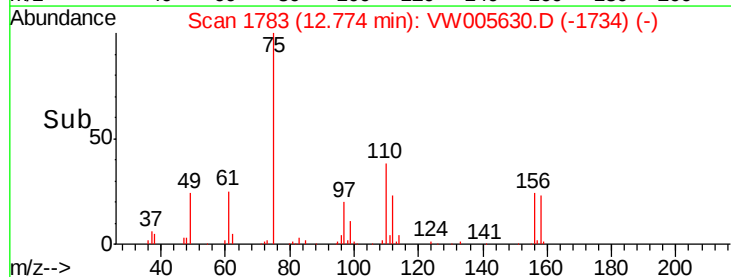
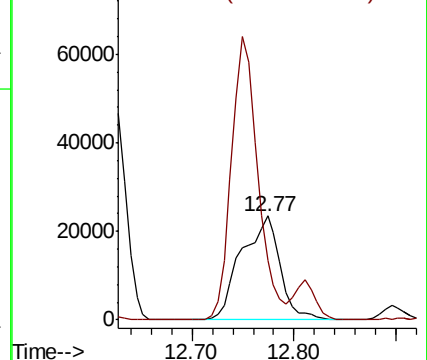
75 100

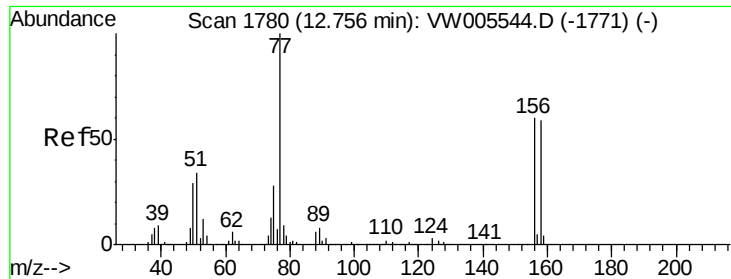
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.983 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS02

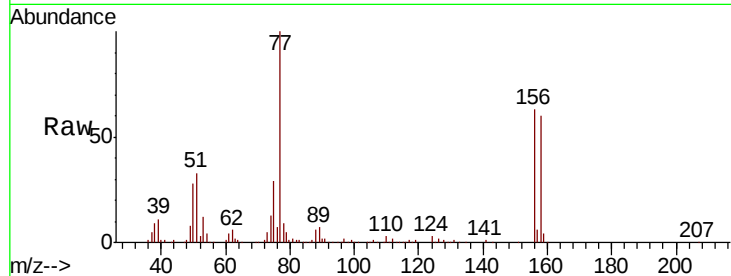
Tgt Ion:156 Resp: 60620

Ion Ratio Lower Upper

156 100

77 190.6 94.7 284.1

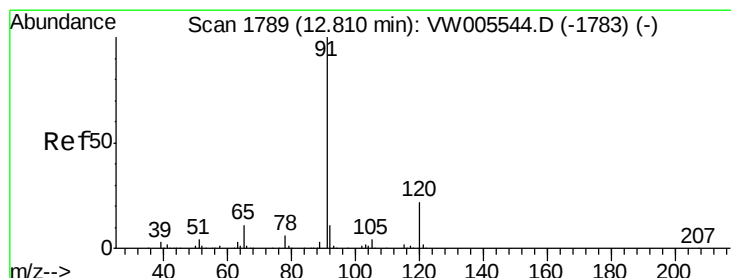
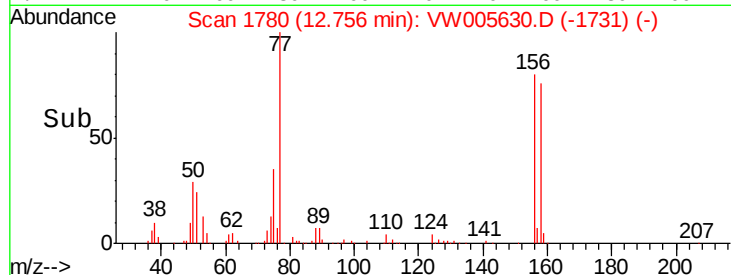
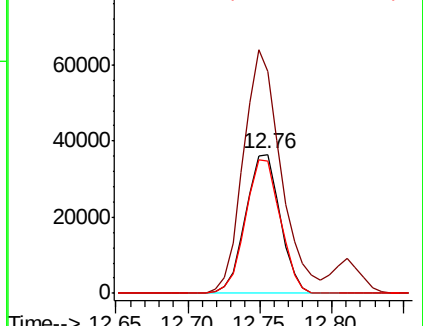
158 97.1 48.0 144.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.095 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005630.D

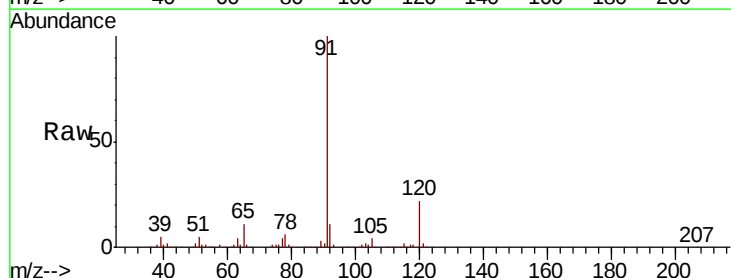
Acq: 26 Sep 2018 01:38

Tgt Ion: 91 Resp: 314884

Ion Ratio Lower Upper

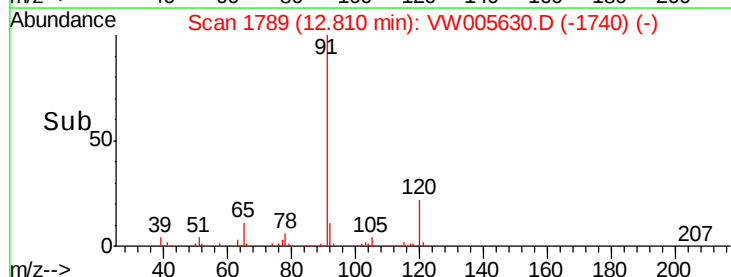
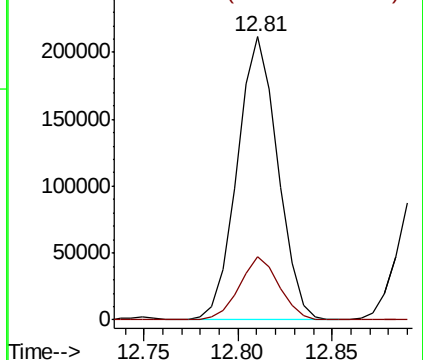
91 100

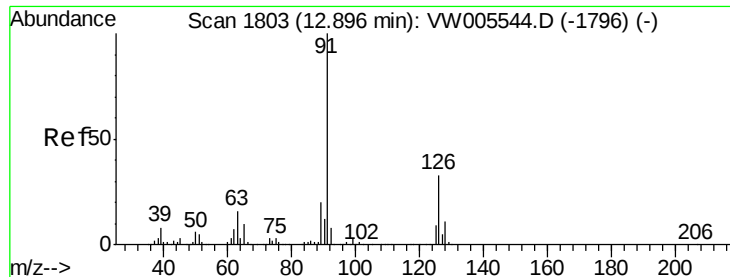
120 21.8 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

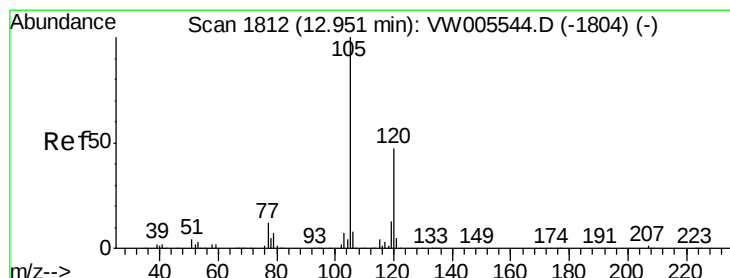
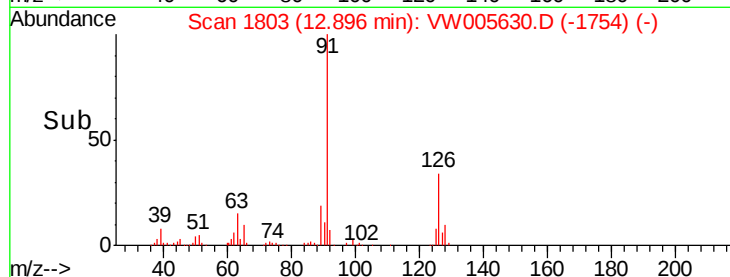
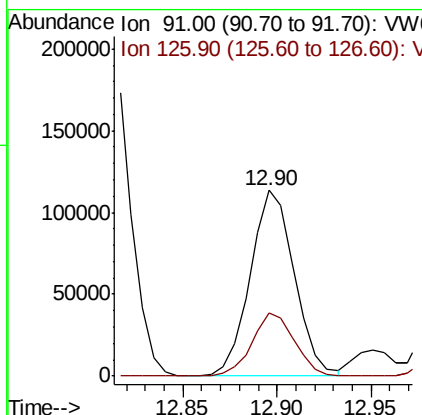
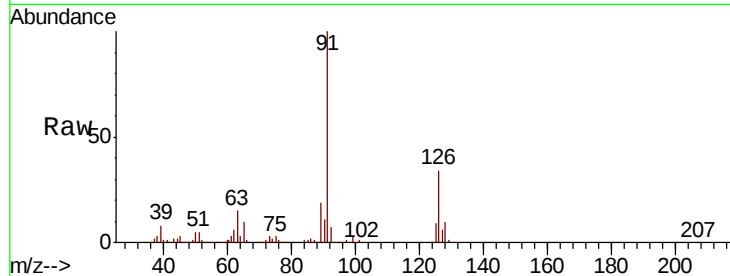




#79
 2-Chlorotoluene
 Concen: 20.303 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW005630.D
 Acq: 26 Sep 2018 01:38

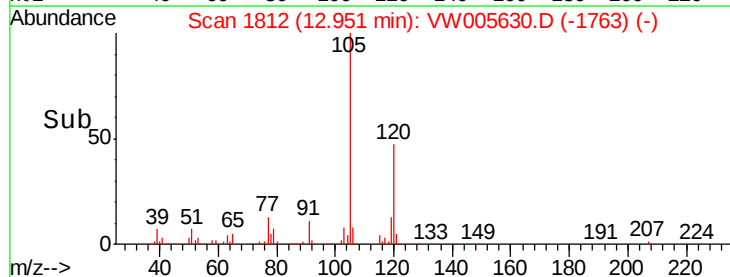
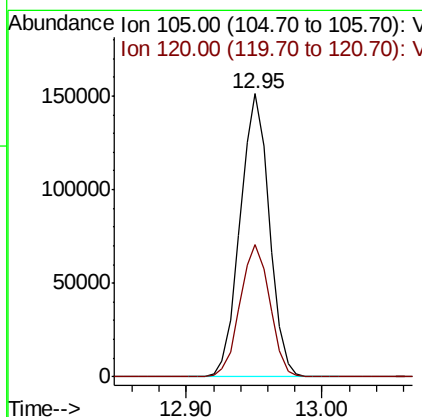
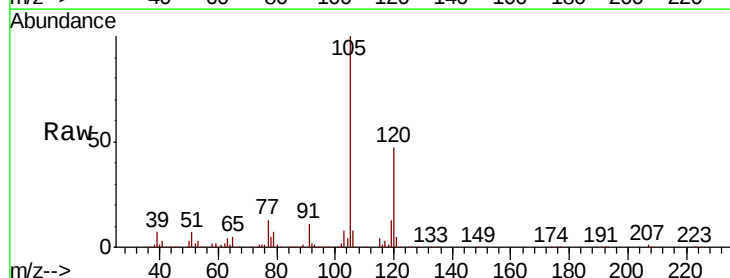
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS02

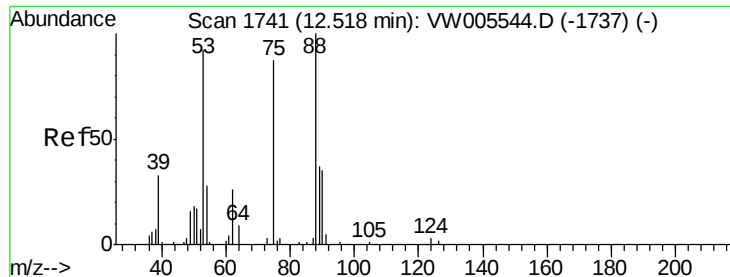
Tgt Ion: 91 Resp: 184061
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 20.077 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW005630.D
 Acq: 26 Sep 2018 01:38

Tgt Ion: 105 Resp: 225950
 Ion Ratio Lower Upper
 105 100
 120 47.9 23.6 70.8

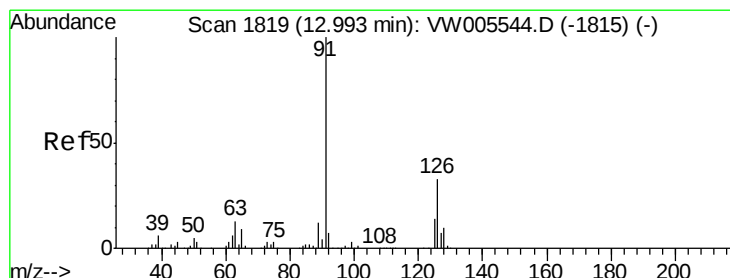
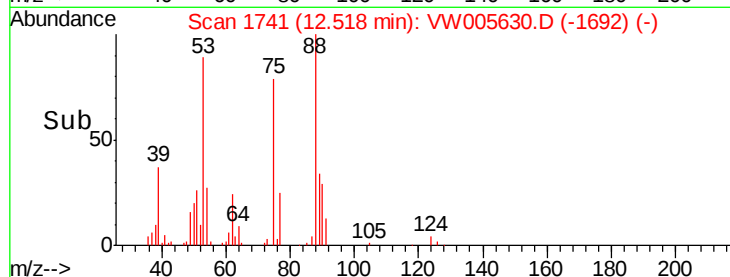
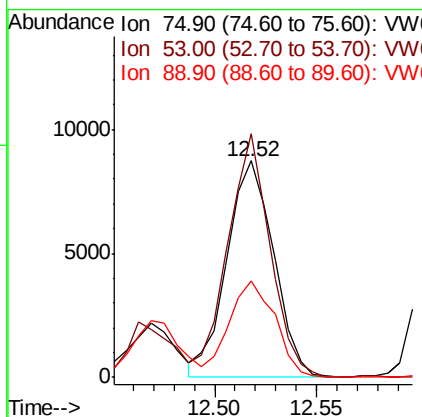
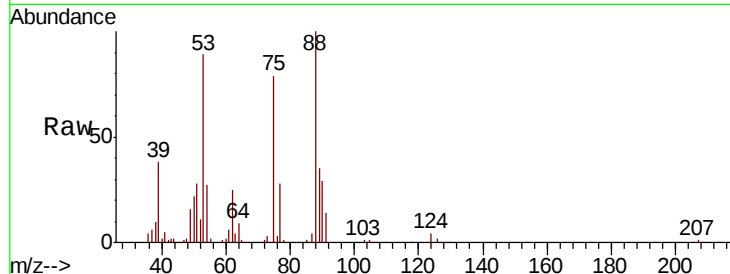




#81
trans-1,4-Dichloro-2-butene
Concen: 19.709 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

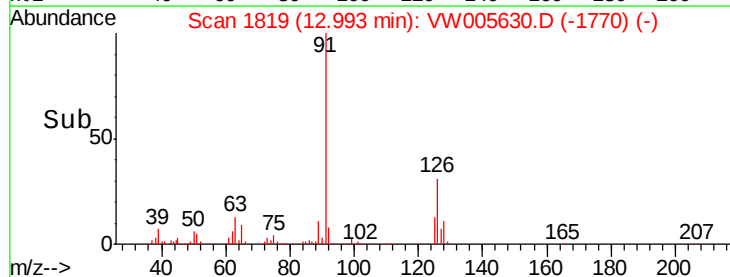
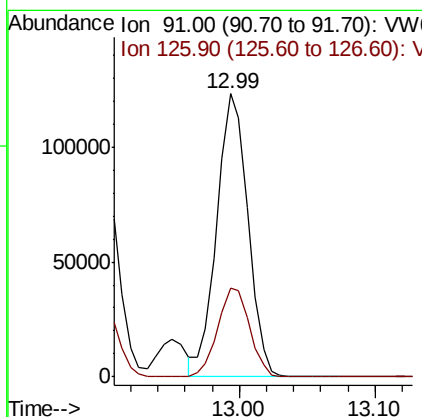
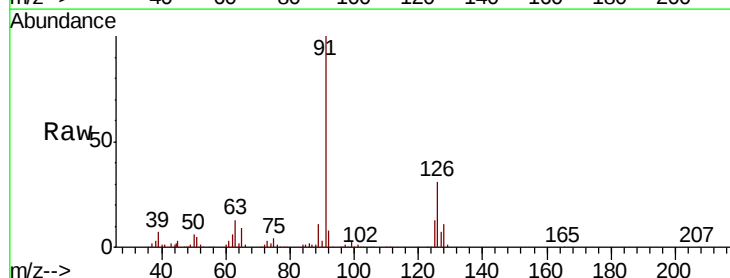
Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS02

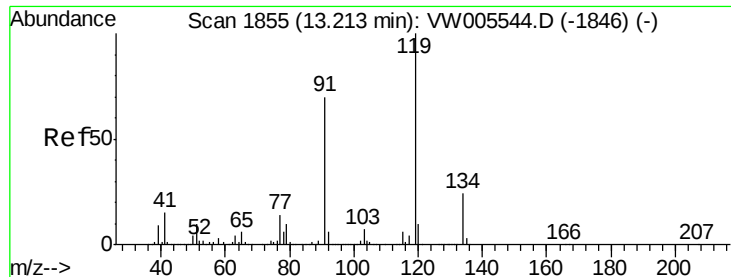
Tgt Ion: 75 Resp: 13922
Ion Ratio Lower Upper
75 100
53 101.6 85.8 128.6
89 43.5 37.3 55.9



#82
4-Chlorotoluene
Concen: 20.452 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Tgt Ion: 91 Resp: 195908
Ion Ratio Lower Upper
91 100
126 32.1 16.4 49.4

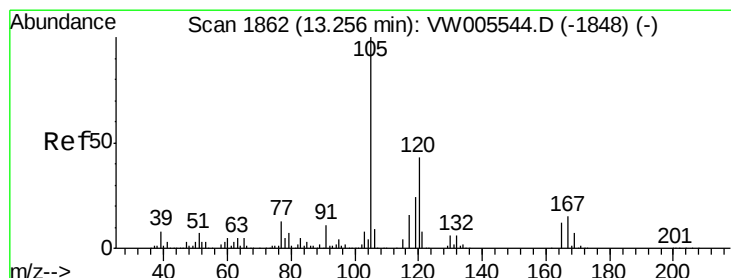
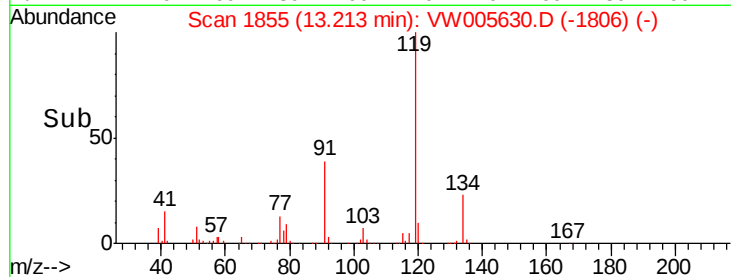
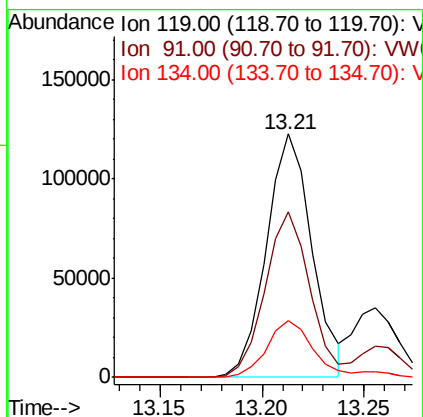
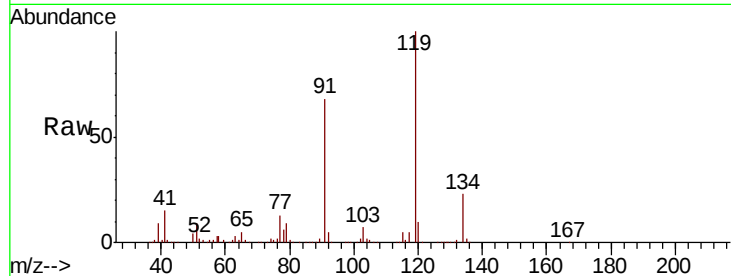




#83
 tert-Butylbenzene
 Concen: 20.177 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005630.D
 Acq: 26 Sep 2018 01:38

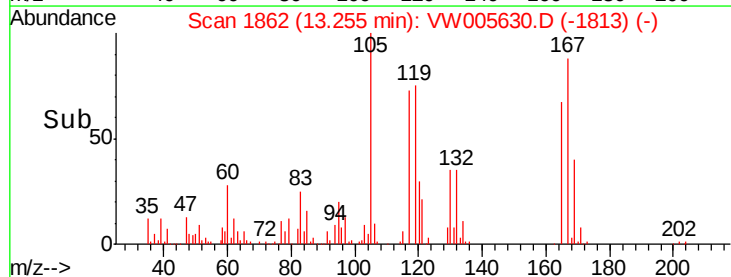
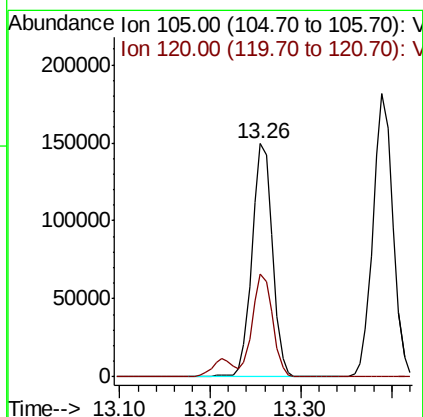
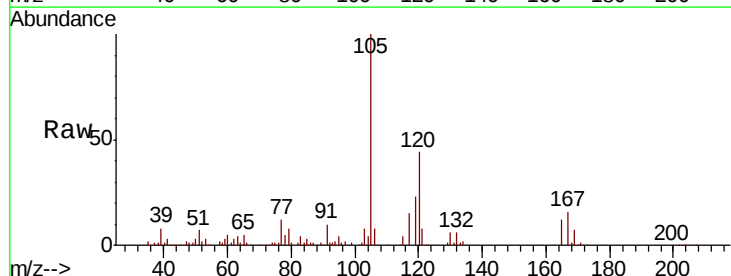
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS02

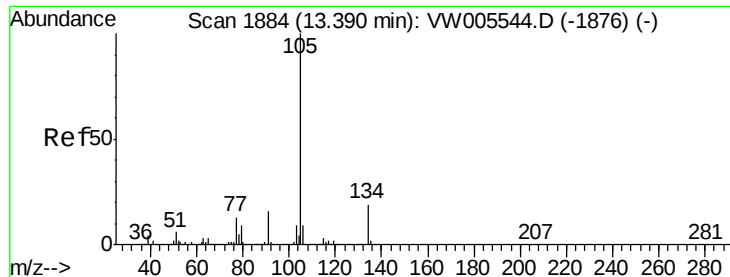
Tgt Ion:119 Resp: 190776
 Ion Ratio Lower Upper
 119 100
 91 66.6 34.6 103.8
 134 25.2 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 20.605 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW005630.D
 Acq: 26 Sep 2018 01:38

Tgt Ion:105 Resp: 234019
 Ion Ratio Lower Upper
 105 100
 120 43.4 21.5 64.5





#85

sec-Butylbenzene

Concen: 20.132 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

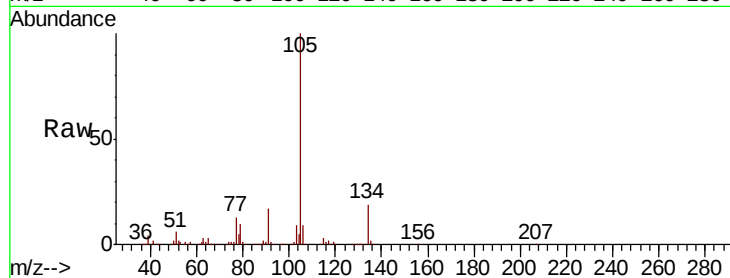
VW0925SBS02

Tgt Ion:105 Resp: 276071

Ion Ratio Lower Upper

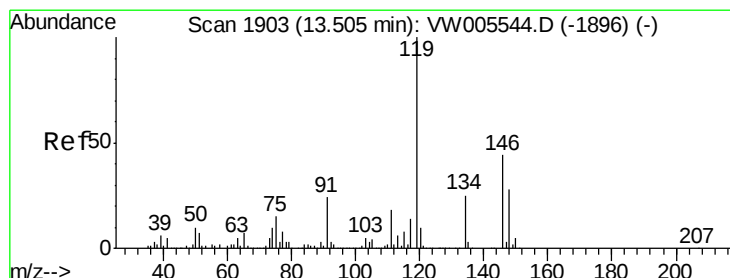
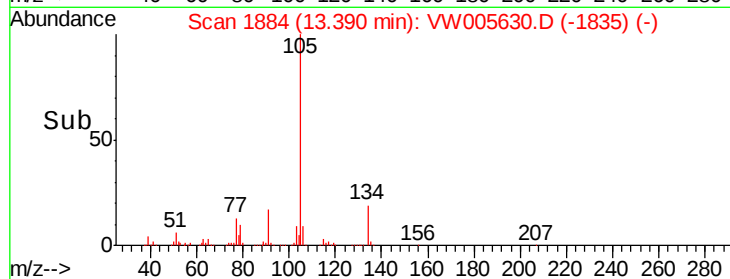
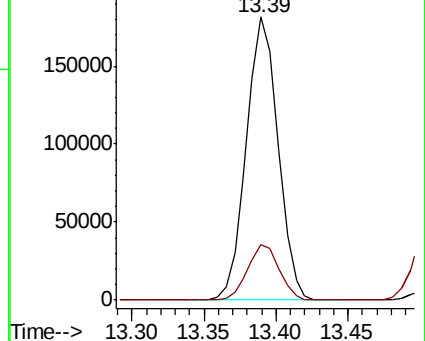
105 100

134 19.5 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.270 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

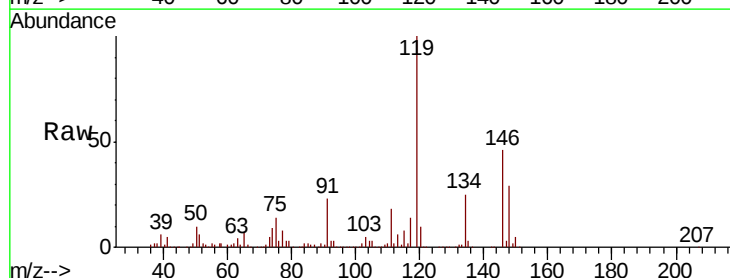
Tgt Ion:119 Resp: 249139

Ion Ratio Lower Upper

119 100

134 25.6 12.7 38.1

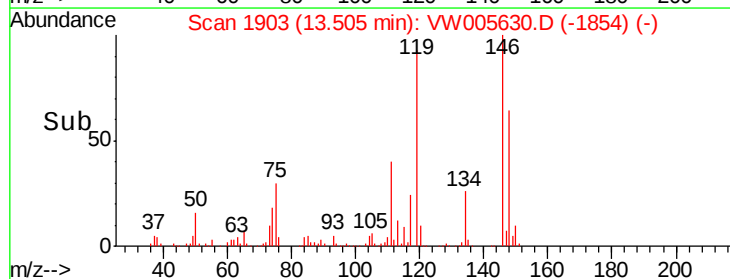
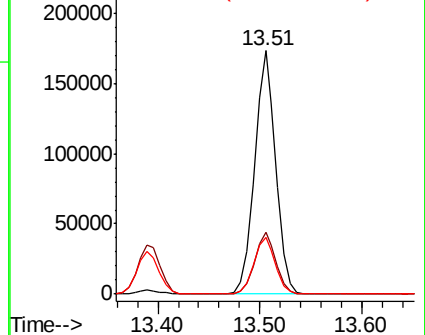
91 23.8 12.2 36.4

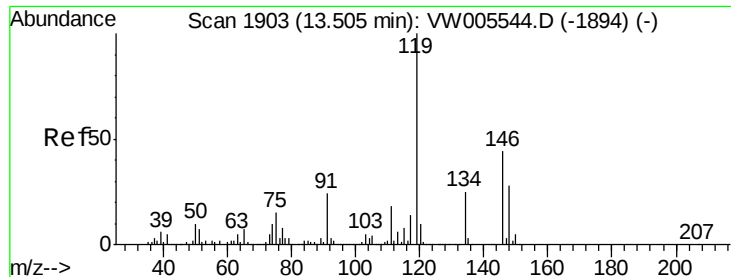


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

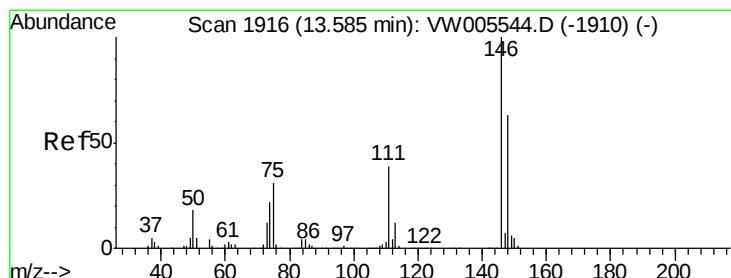
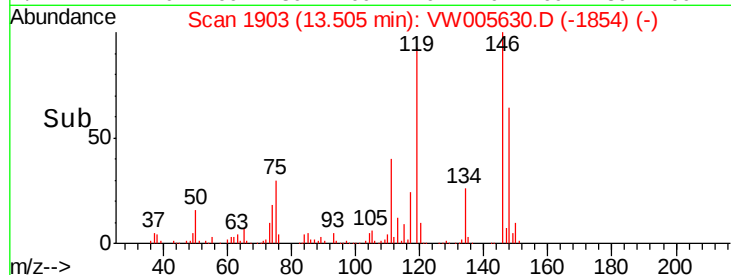
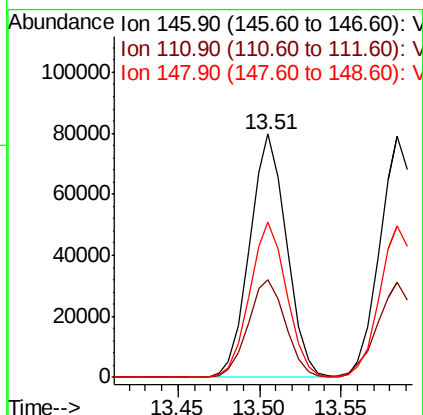
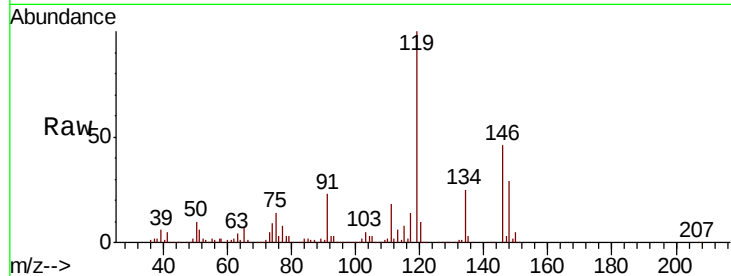




#87
 1,3-Dichlorobenzene
 Concen: 20.179 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005630.D
 Acq: 26 Sep 2018 01:38

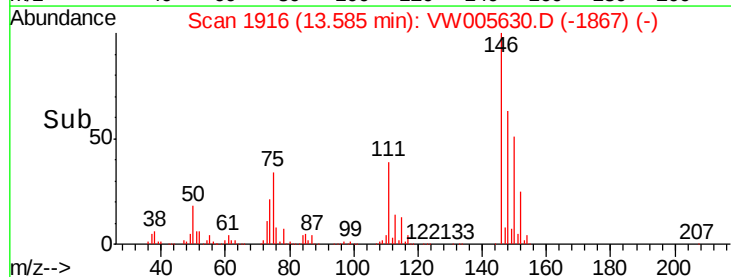
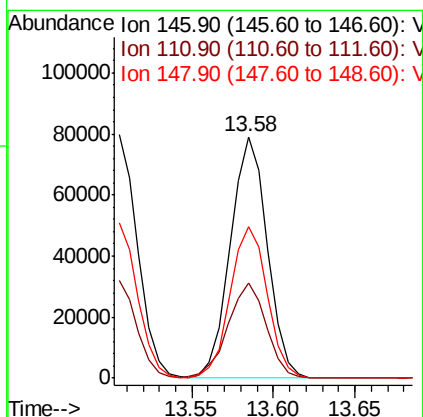
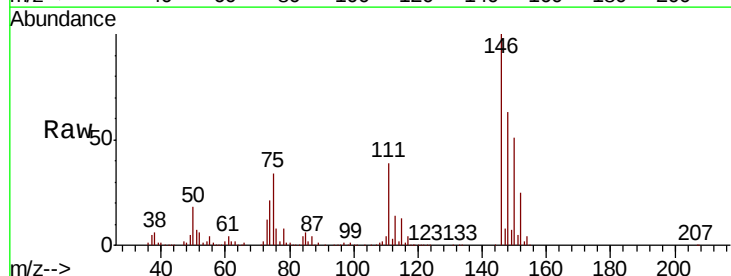
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS02

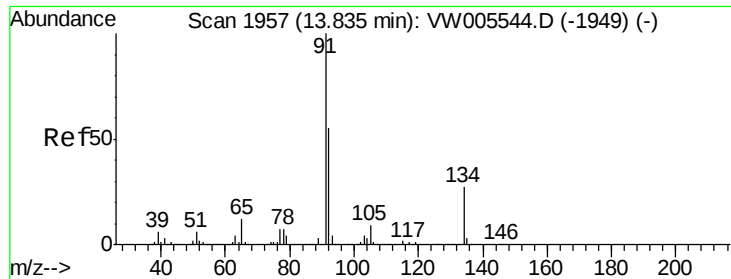
Tgt Ion:146 Resp: 125166
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.3 60.9
 148 63.7 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 20.118 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005630.D
 Acq: 26 Sep 2018 01:38

Tgt Ion:146 Resp: 124112
 Ion Ratio Lower Upper
 146 100
 111 41.3 19.9 59.7
 148 63.4 32.1 96.3





#89

n-Butylbenzene

Concen: 19.794 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.01 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS02

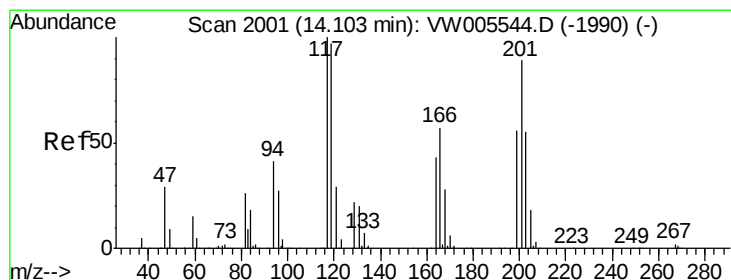
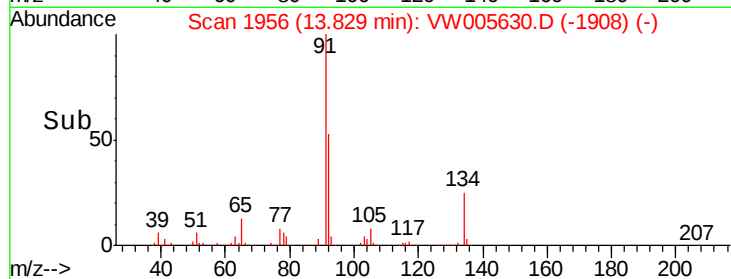
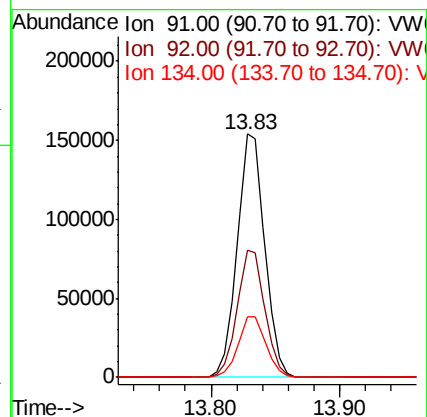
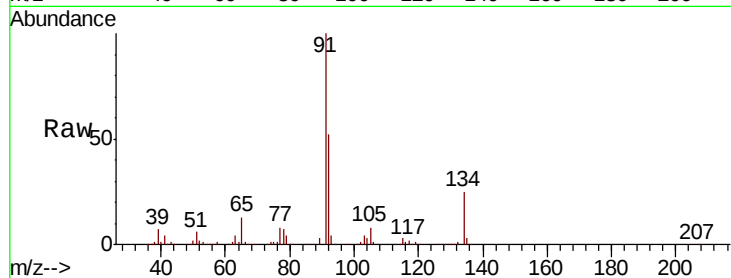
Tgt Ion: 91 Resp: 229484

Ion Ratio Lower Upper

91 100

92 52.4 26.5 79.5

134 25.2 12.9 38.7



#90

Hexachloroethane

Concen: 20.076 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. -0.00 min

Lab File: VW005630.D

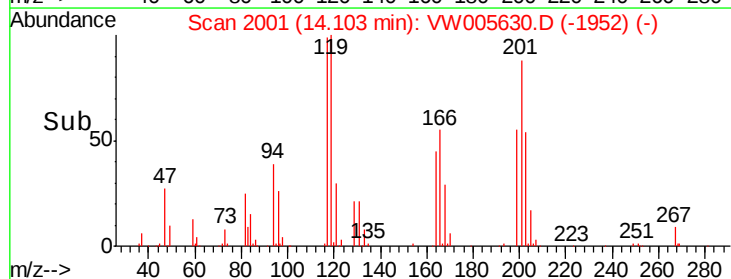
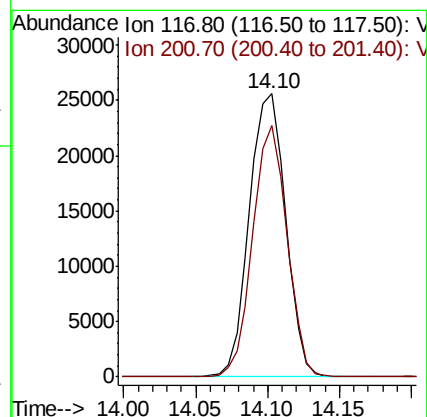
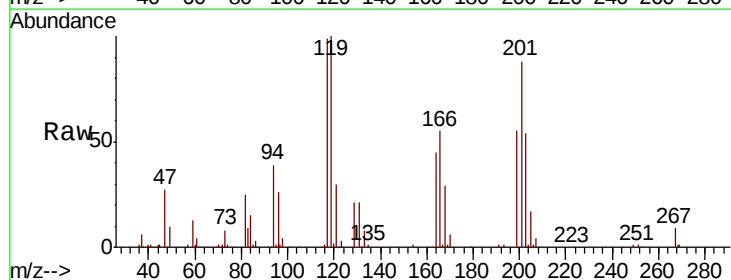
Acq: 26 Sep 2018 01:38

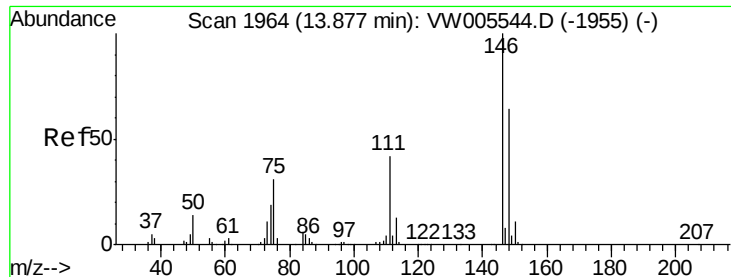
Tgt Ion: 117 Resp: 44725

Ion Ratio Lower Upper

117 100

201 83.6 42.8 128.3





#91

1,2-Dichlorobenzene

Concen: 20.505 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS02

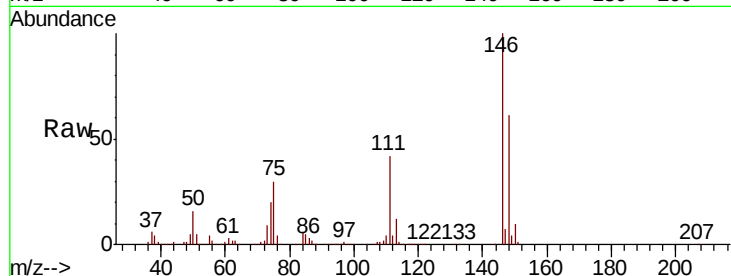
Tgt Ion:146 Resp: 112282

Ion Ratio Lower Upper

146 100

111 41.9 21.3 63.9

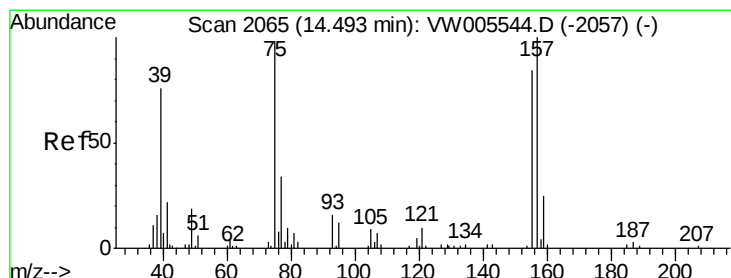
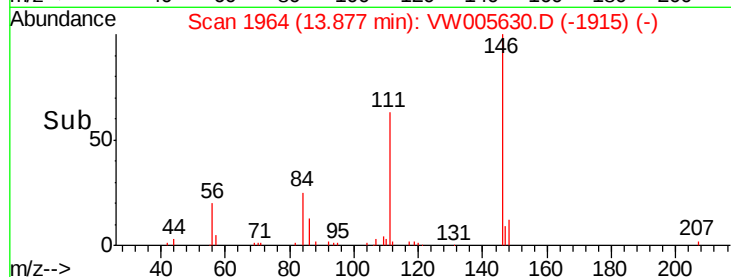
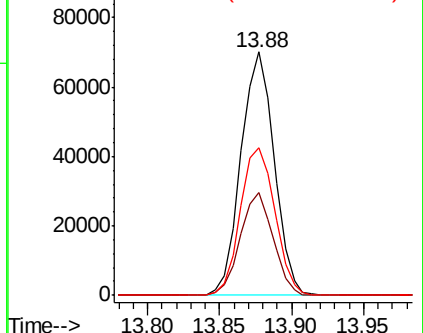
148 63.2 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.832 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. -0.00 min

Lab File: VW005630.D

Acq: 26 Sep 2018 01:38

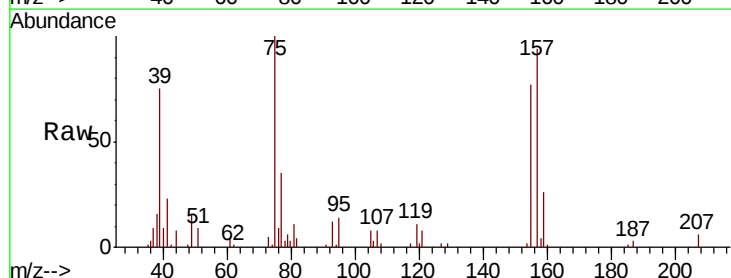
Tgt Ion: 75 Resp: 8123

Ion Ratio Lower Upper

75 100

155 79.1 39.1 117.5

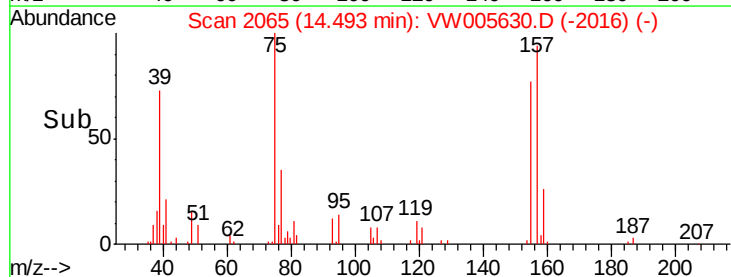
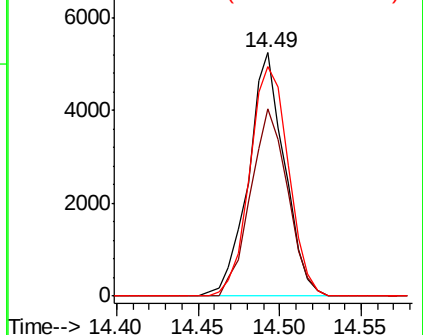
157 100.7 50.8 152.4

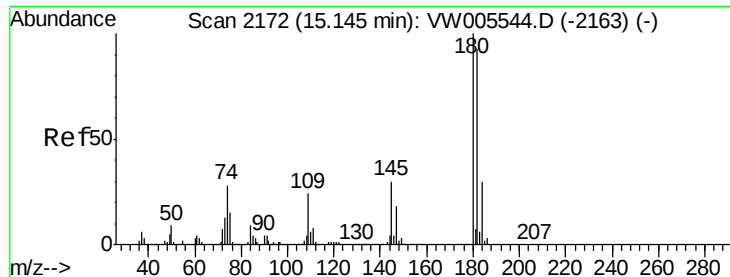


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

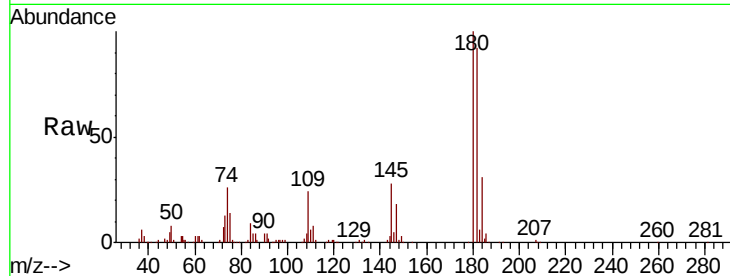




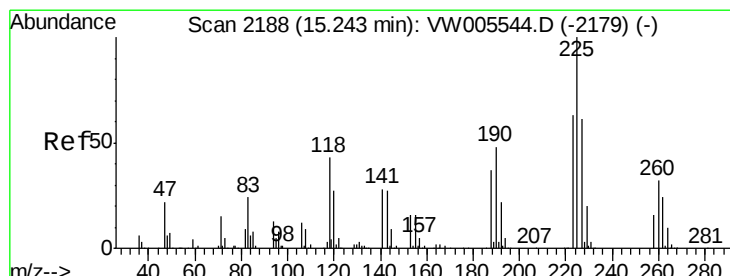
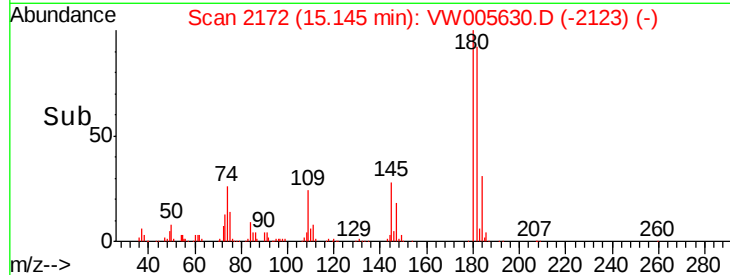
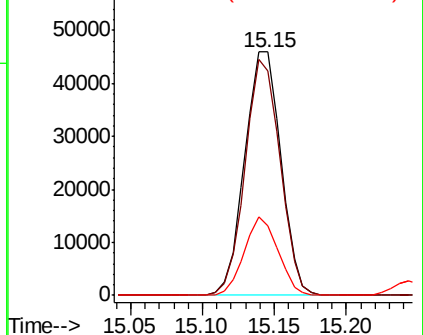
#93
 1,2,4-Trichlorobenzene
 Concen: 20.412 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW005630.D
 Acq: 26 Sep 2018 01:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS02

Tgt Ion:180 Resp: 79731
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.7 143.1
 145 30.4 15.0 45.1

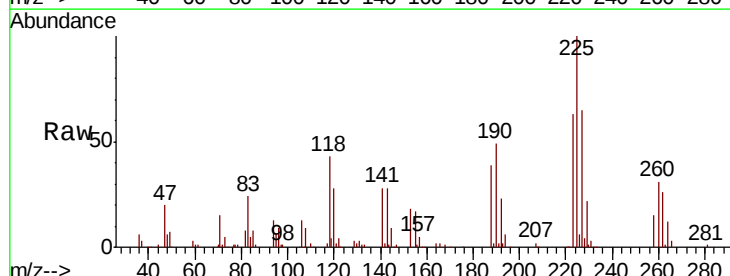


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

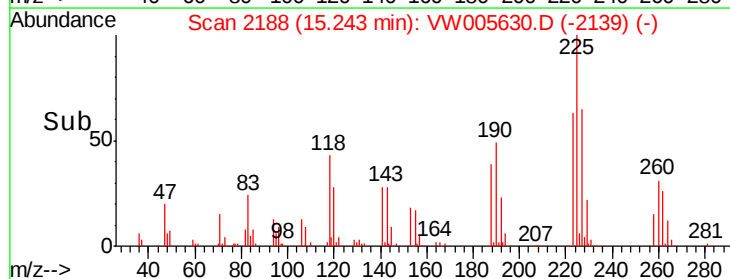
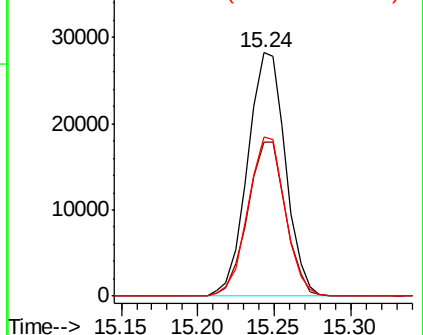


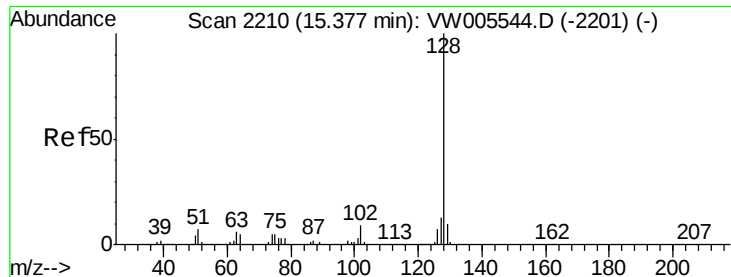
#94
 Hexachlorobutadiene
 Concen: 19.199 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW005630.D
 Acq: 26 Sep 2018 01:38

Tgt Ion:225 Resp: 48585
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.1 93.3
 227 64.4 31.8 95.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

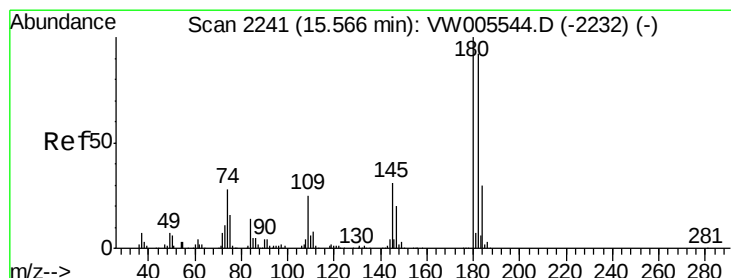
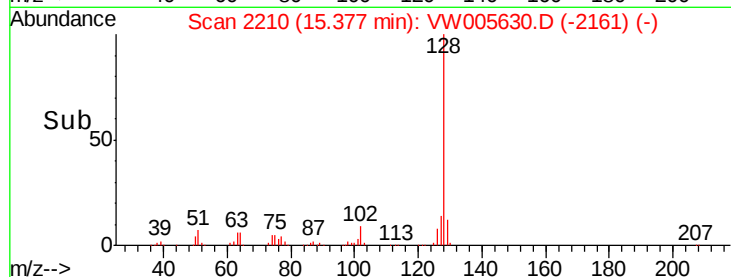
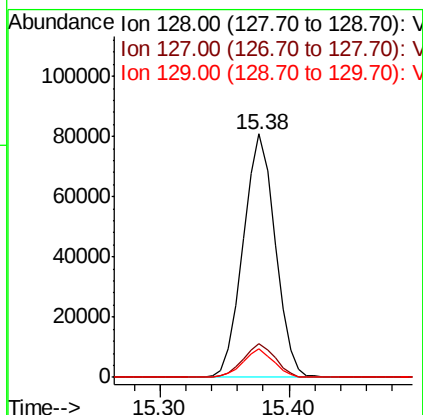
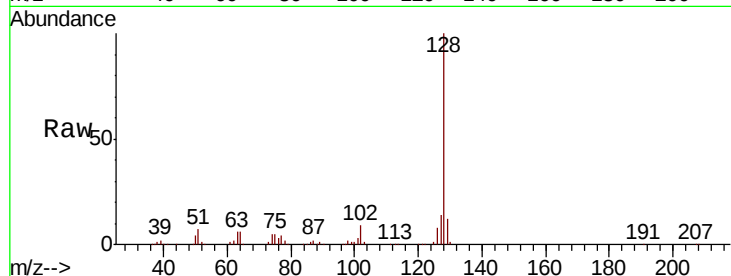




#95
Naphthalene
Concen: 21.129 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS02

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.9	16.3
129	11.4	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.830 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005630.D
Acq: 26 Sep 2018 01:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.3	141.9
145	31.1	16.0	47.9

