

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110218\
 Data File : VW006545.D
 Acq On : 01 Nov 2018 00:47
 Operator : SY/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Quant Time: Nov 01 03:08:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:03:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	316192	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	457691	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	427764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	243518	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	136727	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
35) Dibromofluoromethane	7.89	113	144013	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	
50) Toluene-d8	10.33	98	553679	53.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.06%	
62) 4-Bromofluorobenzene	12.62	95	202427	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.02	85	75786	49.001	ug/l	100
3) Chloromethane	2.22	50	93101	46.421	ug/l	100
4) Vinyl Chloride	2.37	62	134966	47.369	ug/l	100
5) Bromomethane	2.79	94	113160	43.889	ug/l	100
6) Chloroethane	2.93	64	94217	46.294	ug/l	100
7) Trichlorofluoromethane	3.26	101	119705	45.571	ug/l	100
8) Diethyl Ether	3.68	74	64744	46.459	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	129543	46.425	ug/l	100
10) Methyl Iodide	4.27	142	233743	49.798	ug/l	100
11) Tert butyl alcohol	5.25	59	34472	199.570	ug/l	100
12) 1,1-Dichloroethene	4.04	96	123977	47.047	ug/l	100
13) Acrolein	3.90	56	43652	251.482	ug/l	100
14) Allyl chloride	4.67	41	164993	44.328	ug/l	100
15) Acrylonitrile	5.38	53	117803	231.898	ug/l	100
16) Acetone	4.15	43	104383	187.115	ug/l	100
17) Carbon Disulfide	4.38	76	359687	45.703	ug/l	100
18) Methyl Acetate	4.68	43	59715	45.725	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	185181	46.344	ug/l	100
20) Methylene Chloride	4.92	84	145157	46.826	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	141298	47.992	ug/l	100
22) Diisopropyl ether	6.32	45	345462	46.614	ug/l	100
23) Vinyl Acetate	6.26	43	965284	222.123	ug/l	100
24) 1,1-Dichloroethane	6.22	63	230687	48.024	ug/l	100
25) 2-Butanone	7.19	43	151162	215.825	ug/l	100
26) 2,2-Dichloropropane	7.17	77	135291	40.705	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	158789	48.722	ug/l	100
28) Bromochloromethane	7.51	49	93541	50.564	ug/l	100
29) Tetrahydrofuran	7.54	42	96194	223.073	ug/l	100
30) Chloroform	7.68	83	254388	48.405	ug/l	100
31) Cyclohexane	7.96	56	196424	41.556	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	214311	45.723	ug/l	100
36) 1,1-Dichloropropene	8.09	75	193125	46.115	ug/l	100
37) Ethyl Acetate	7.26	43	66098	42.689	ug/l	100
38) Carbon Tetrachloride	8.07	117	204084	44.764	ug/l	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	247868	44.752	ug/l	100
40) Benzene	8.33	78	555857	48.006	ug/l	100
41) Methacrylonitrile	7.49	41	40574	43.787	ug/l	100
42) 1,2-Dichloroethane	8.40	62	157982	46.744	ug/l	100
43) Isopropyl Acetate	8.43	43	133671	42.496	ug/l	100
44) Trichloroethene	9.09	130	171723	48.317	ug/l	100
45) 1,2-Dichloropropane	9.37	63	130040	47.120	ug/l	100
46) Dibromomethane	9.46	93	75727	48.006	ug/l	100
47) Bromodichloromethane	9.65	83	181514	47.625	ug/l	100
48) Methyl methacrylate	9.44	41	66713	44.618	ug/l	100
49) 1,4-Dioxane	9.49	88	23142	959.454	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	347669	219.521	ug/l	100
52) Toluene	10.39	92	372452	47.993	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	177545	46.946	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	205868	47.320	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	107021	48.373	ug/l	100
56) Ethyl methacrylate	10.65	69	126108	46.812	ug/l	100
57) 1,3-Dichloropropane	10.93	76	174572	47.808	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	293721	274.426	ug/l	100
59) 2-Hexanone	10.98	43	237784	211.170	ug/l	100
60) Dibromochloromethane	11.13	129	133402	48.632	ug/l	100
61) 1,2-Dibromoethane	11.24	107	108188	48.967	ug/l	100
64) Tetrachloroethene	10.87	164	165493	49.454	ug/l	100
65) Chlorobenzene	11.66	112	437996	47.773	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	157239	48.404	ug/l	100
67) Ethyl Benzene	11.74	91	739595	46.808	ug/l	100
68) m/p-Xylenes	11.84	106	595255	95.120	ug/l	100
69) o-Xylene	12.17	106	285165	47.794	ug/l	100
70) Styrene	12.18	104	471272	48.521	ug/l	100
71) Bromoform	12.35	173	84924	47.250	ug/l #	100
73) Isopropylbenzene	12.47	105	781892	45.788	ug/l	100
74) N-amyl acetate	12.28	43	134732	41.337	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	120911	46.542	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	152446	80.897	ug/l #	100
77) Bromobenzene	12.75	156	200684	47.682	ug/l	100
78) n-propylbenzene	12.81	91	899639	45.420	ug/l	100
79) 2-Chlorotoluene	12.90	91	512101	45.975	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	662527	46.090	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	33428	43.816	ug/l	100
82) 4-Chlorotoluene	12.99	91	545700	46.589	ug/l	100
83) tert-Butylbenzene	13.21	119	589940	45.846	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	681525	46.713	ug/l	100
85) sec-Butylbenzene	13.39	105	823514	45.434	ug/l	100
86) p-Isopropyltoluene	13.51	119	756193	46.085	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	397722	47.491	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	393109	47.176	ug/l	100
89) n-Butylbenzene	13.83	91	670139	44.781	ug/l	100
90) Hexachloroethane	14.10	117	127971	46.273	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	355153	47.529	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19491	42.535	ug/l	100

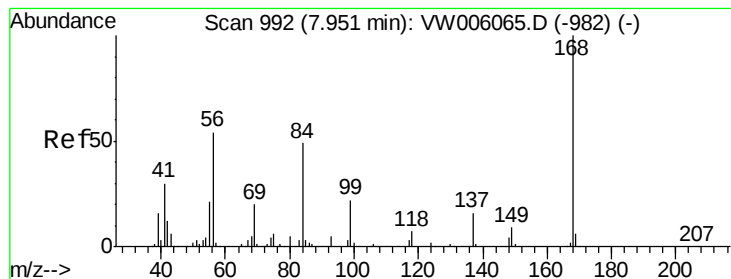
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	267686	46.523	ug/l	100
94) Hexachlorobutadiene	15.24	225	163523	45.532	ug/l	100
95) Naphthalene	15.38	128	438853	46.031	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	234908	47.135	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Instrument :

MSVOA_W

ClientSampleId :

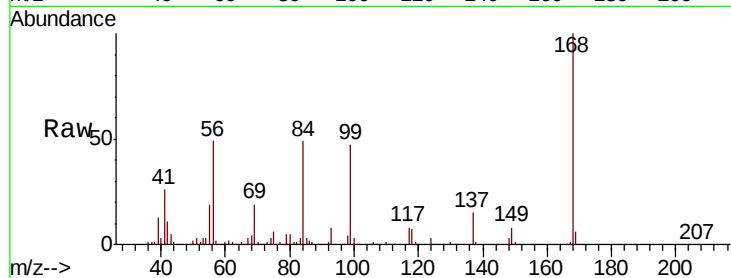
VSTDICCC050

Tgt Ion:168 Resp: 316192

Ion Ratio Lower Upper

168 100

99 46.7 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

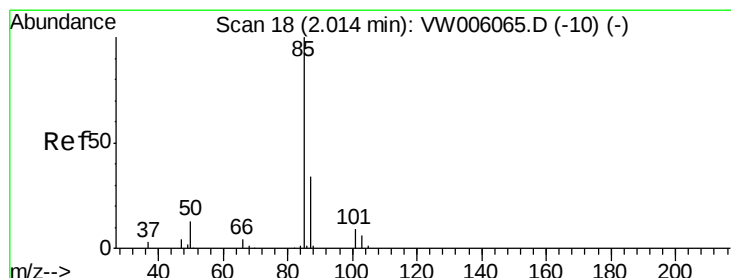
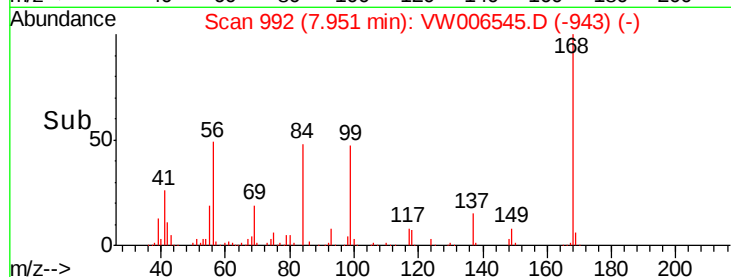
100000

50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 49.001 ug/l

RT: 2.02 min Scan# 19

Delta R.T. 0.00 min

Lab File: VW006545.D

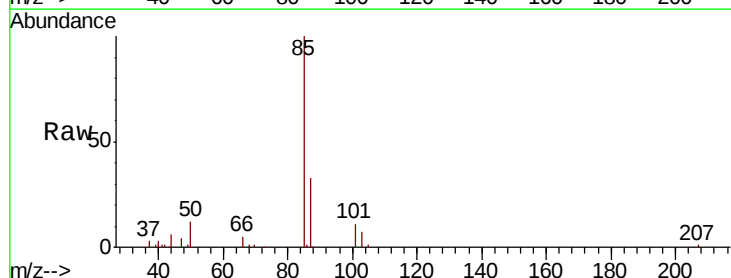
Acq: 01 Nov 2018 00:47

Tgt Ion: 85 Resp: 75786

Ion Ratio Lower Upper

85 100

87 33.5 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.02

20000

15000

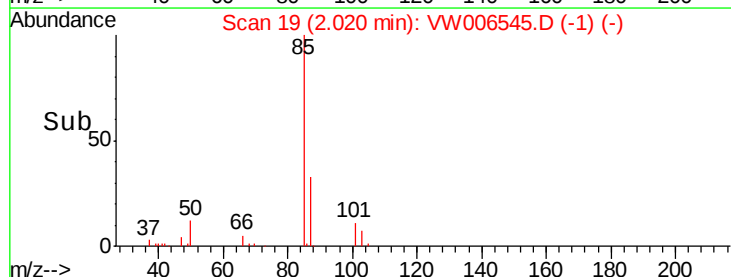
10000

5000

0

2.00 2.20

Time-->





#3

Chloromethane

Concen: 46.421 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Instrument :

MSVOA_W

ClientSampleId :

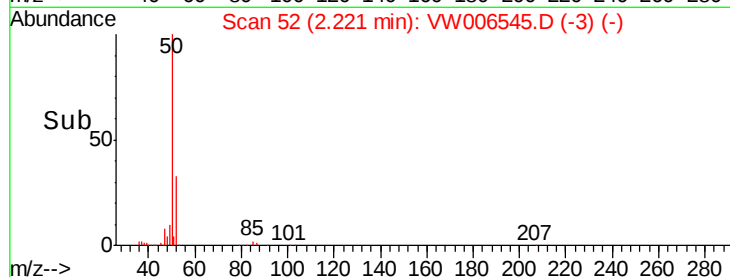
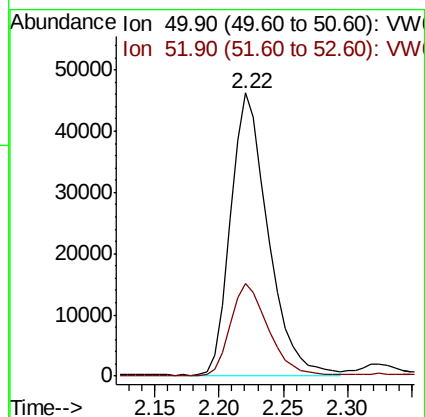
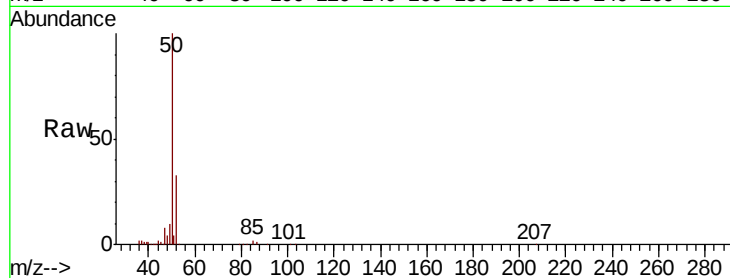
VSTDICCC050

Tgt Ion: 50 Resp: 93101

Ion Ratio Lower Upper

50 100

52 32.8 26.2 39.4



#4

Vinyl Chloride

Concen: 47.369 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.00 min

Lab File: VW006545.D

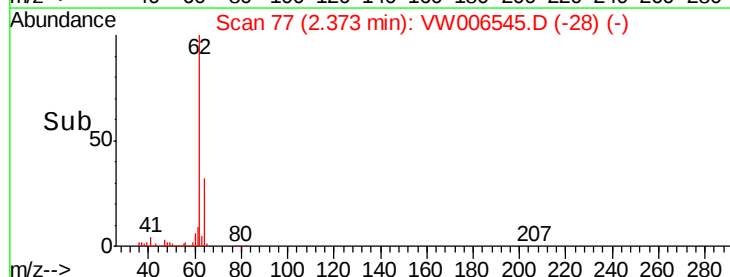
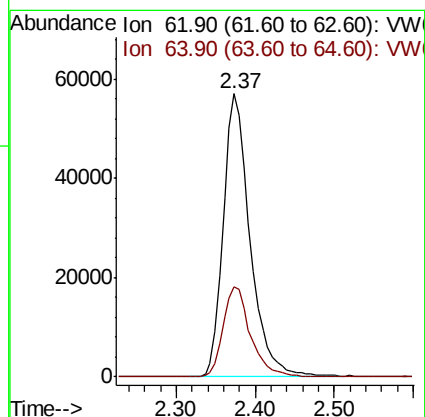
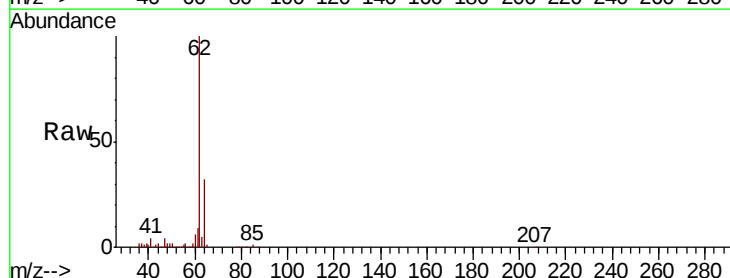
Acq: 01 Nov 2018 00:47

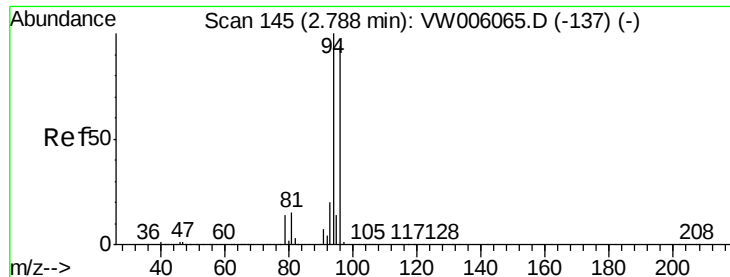
Tgt Ion: 62 Resp: 134966

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0





#5

Bromomethane

Concen: 43.889 ug/l

RT: 2.79 min Scan# 146

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Instrument :

MSVOA_W

ClientSampleId :

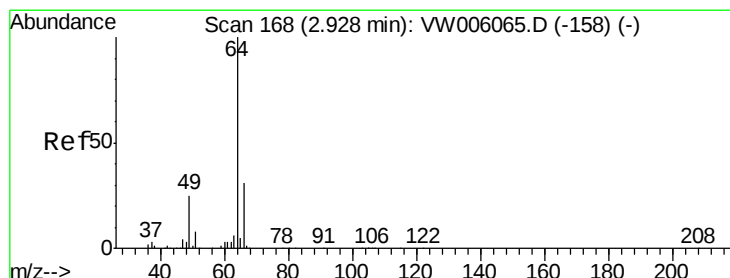
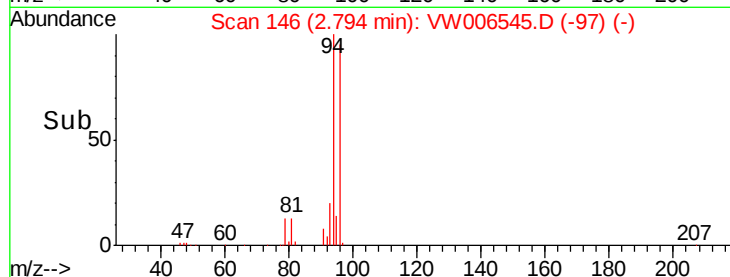
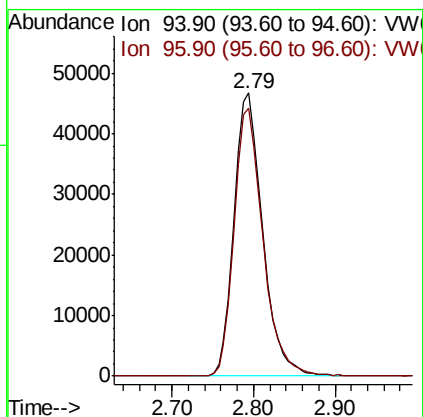
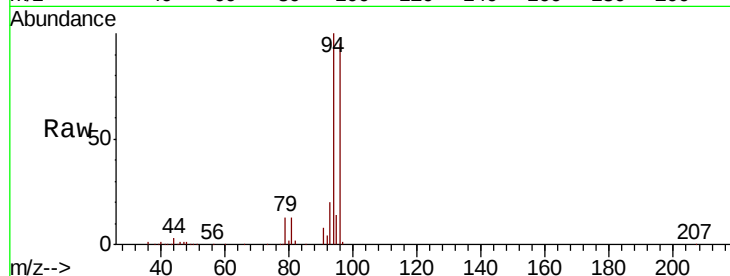
VSTDICCC050

Tgt Ion: 94 Resp: 113160

Ion Ratio Lower Upper

94 100

96 94.6 75.7 113.5



#6

Chloroethane

Concen: 46.294 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.00 min

Lab File: VW006545.D

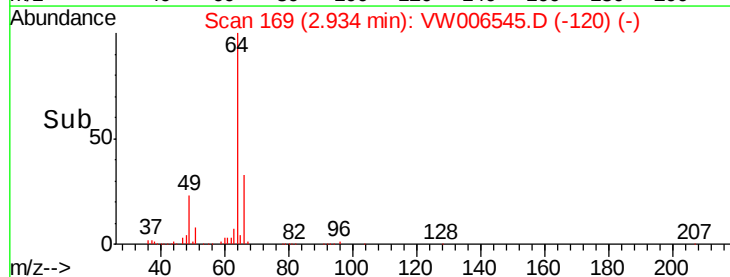
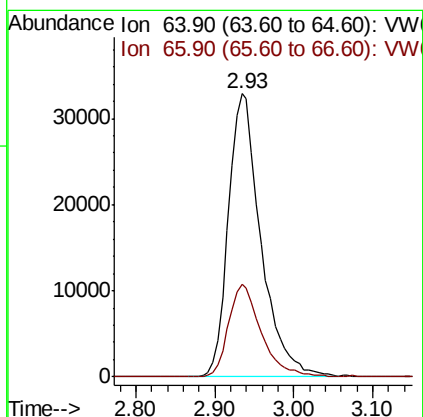
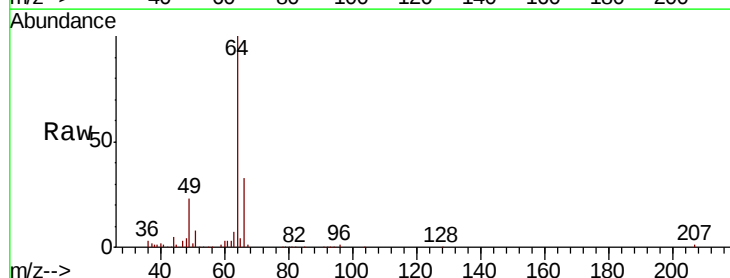
Acq: 01 Nov 2018 00:47

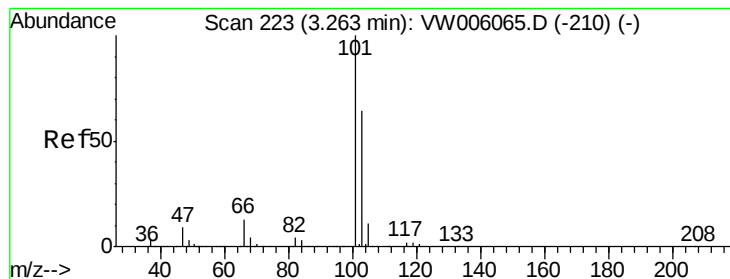
Tgt Ion: 64 Resp: 94217

Ion Ratio Lower Upper

64 100

66 32.4 25.9 38.9



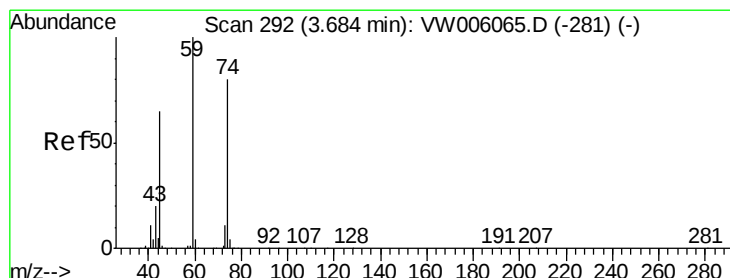
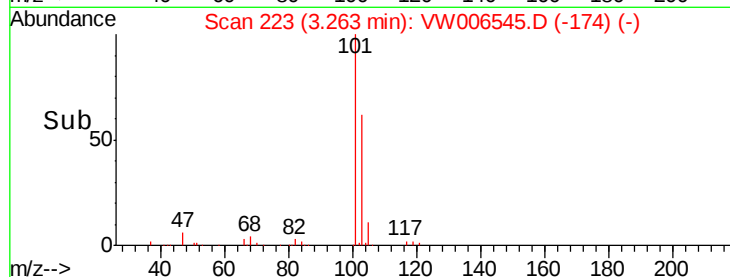
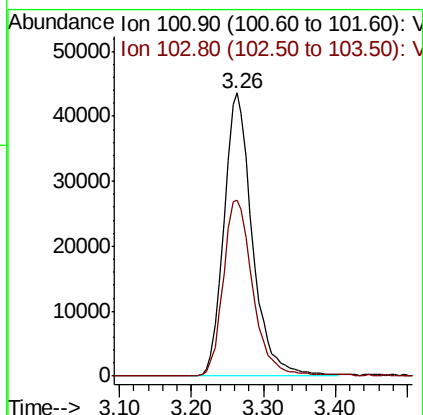
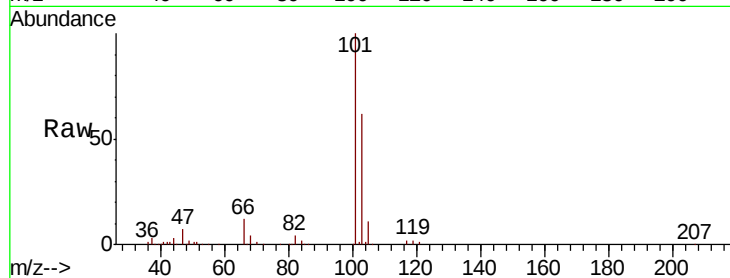


#7

Trichlorofluoromethane
 Concen: 45.571 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW006545.D
 Acq: 01 Nov 2018 00:47

Instrument :
 MSVOA_W
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 VSTDICCC050

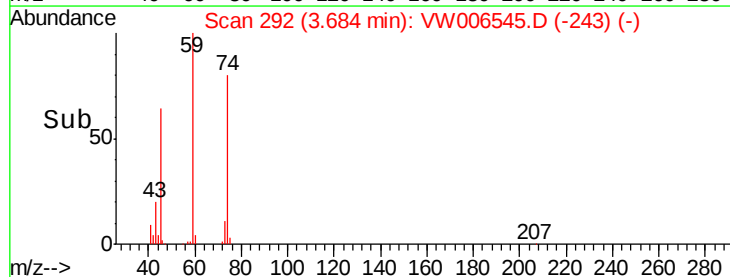
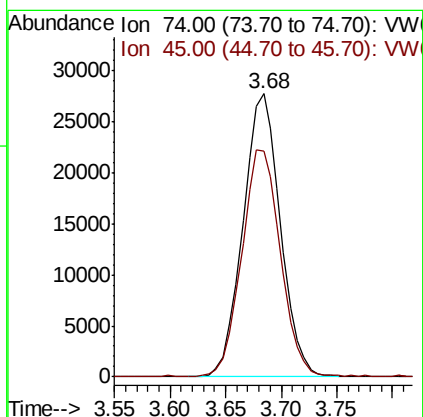
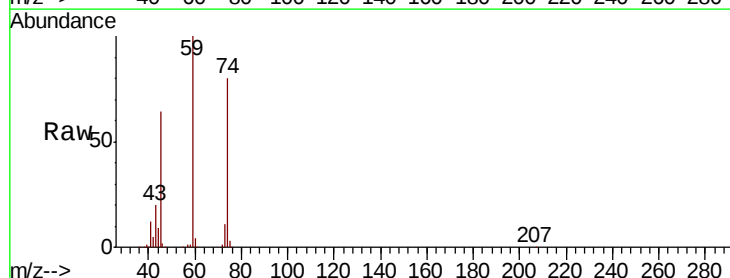
Tgt Ion:101 Resp: 119705
 Ion Ratio Lower Upper
 101 100
 103 62.3 49.8 74.8



#8

Diethyl Ether
 Concen: 46.459 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW006545.D
 Acq: 01 Nov 2018 00:47

Tgt Ion: 74 Resp: 64744
 Ion Ratio Lower Upper
 74 100
 45 82.3 41.1 123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.425 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

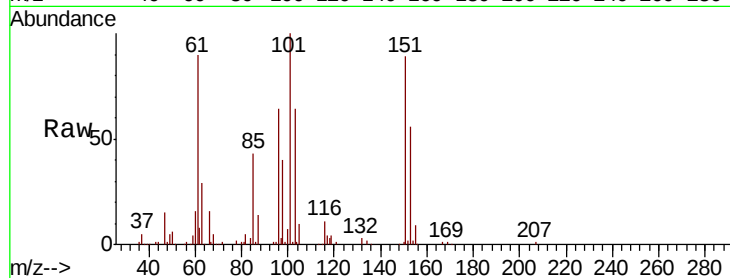
Tgt Ion:101 Resp: 129543

Ion Ratio Lower Upper

101 100

85 42.7 34.2 51.2

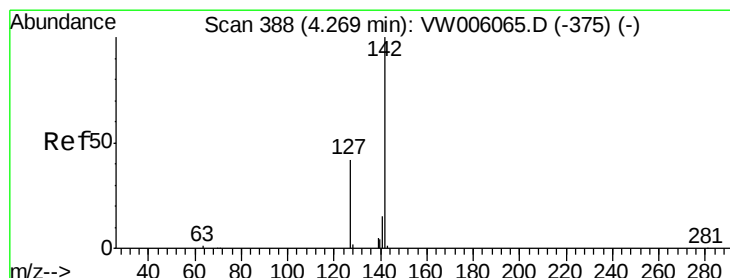
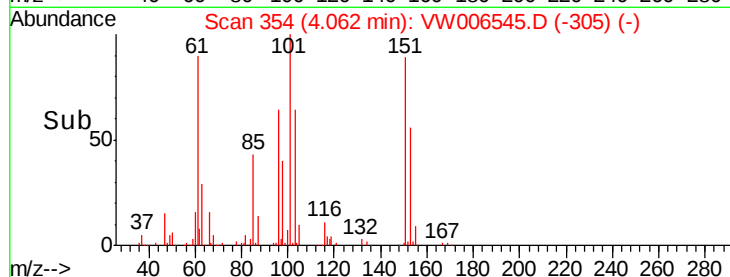
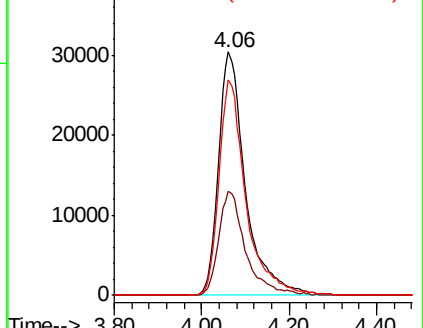
151 88.4 70.7 106.1



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: 49.798 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

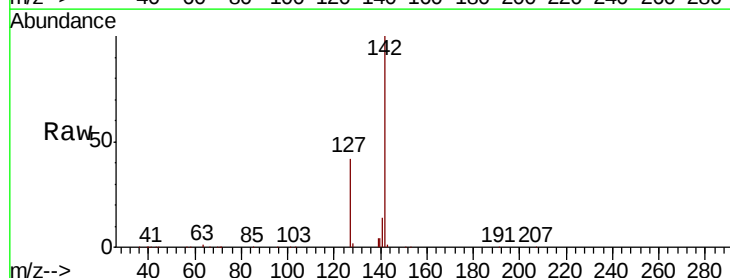
Tgt Ion:142 Resp: 233743

Ion Ratio Lower Upper

142 100

127 40.4 32.3 48.5

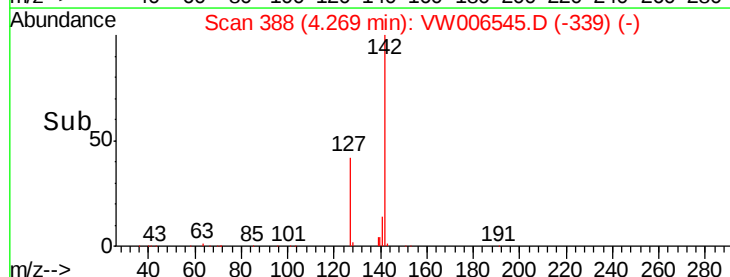
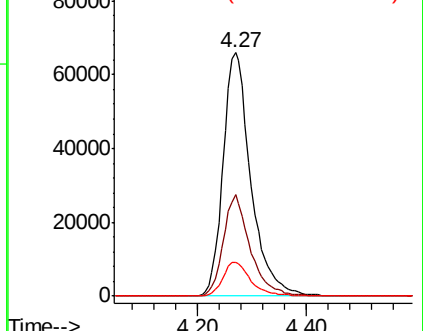
141 14.1 11.3 16.9

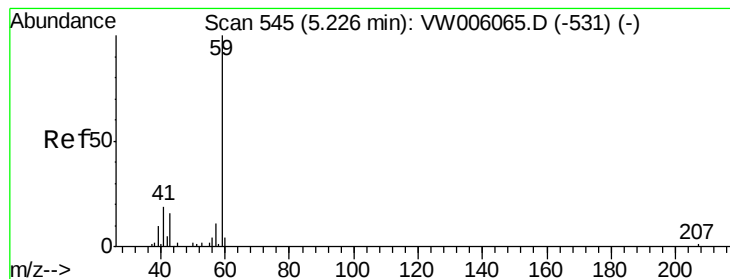


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



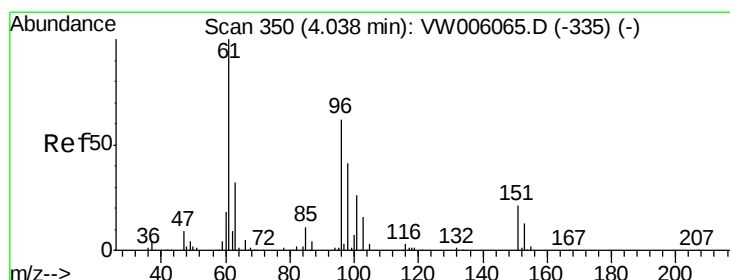
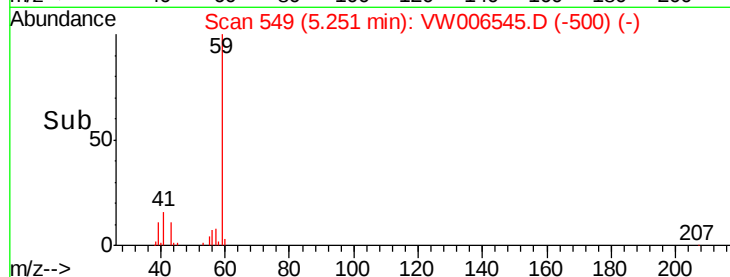
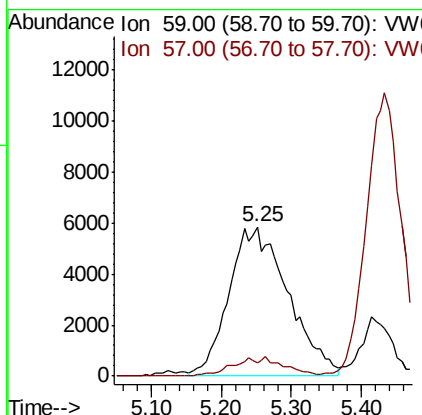
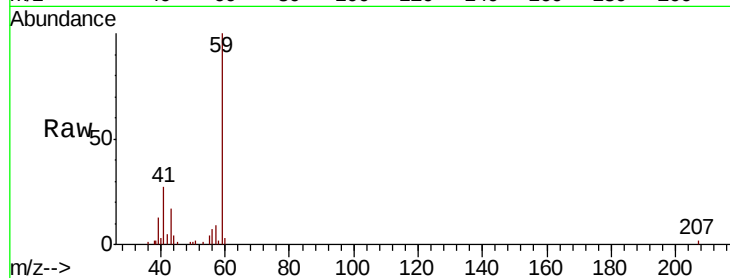


#11

Tert butyl alcohol
Concen: 199.570 ug/l
RT: 5.25 min Scan# 549
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

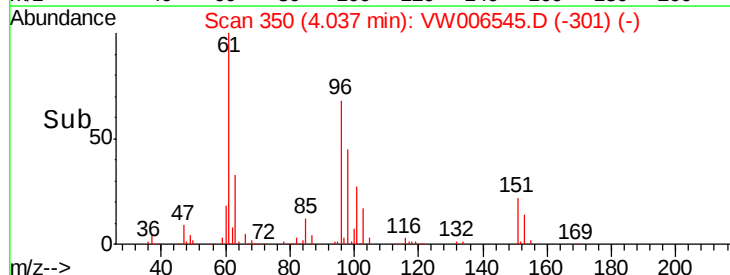
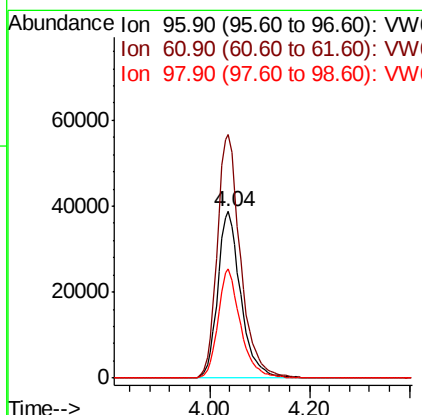
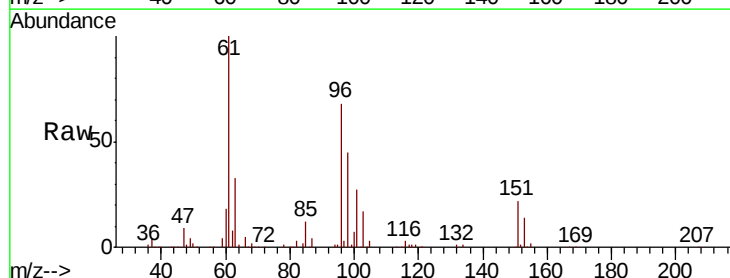
Tgt Ion: 59 Resp: 34472
Ion Ratio Lower Upper
59 100
57 5.4 4.3 6.5

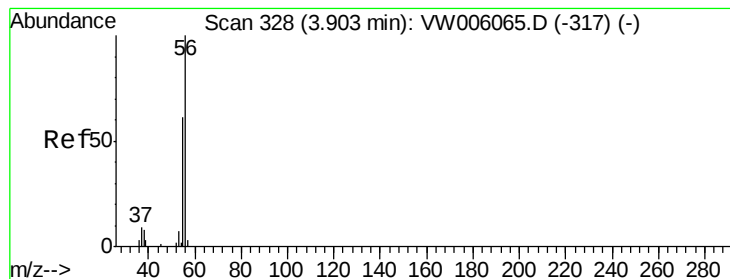


#12

1,1-Dichloroethene
Concen: 47.047 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Tgt Ion: 96 Resp: 123977
Ion Ratio Lower Upper
96 100
61 146.2 117.0 175.4
98 65.6 52.5 78.7





#13

Acrolein

Concen: 251.482 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Instrument :

MSVOA_W

ClientSampleId :

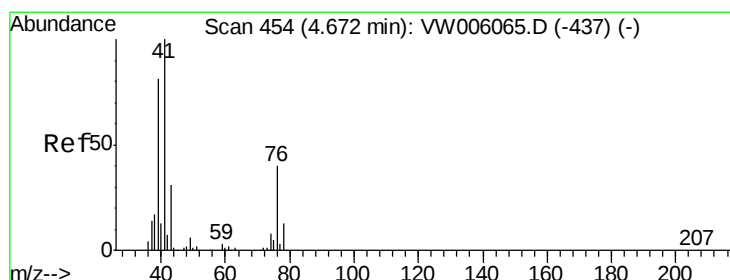
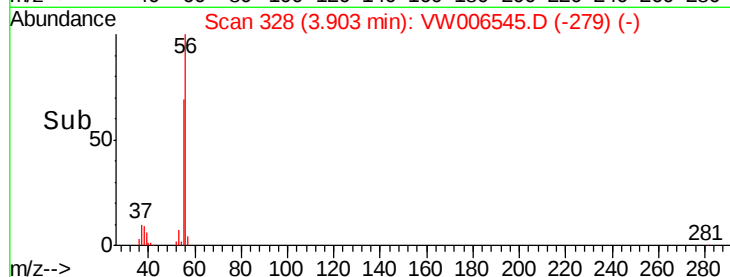
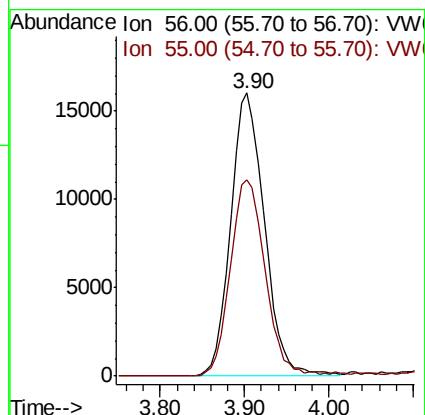
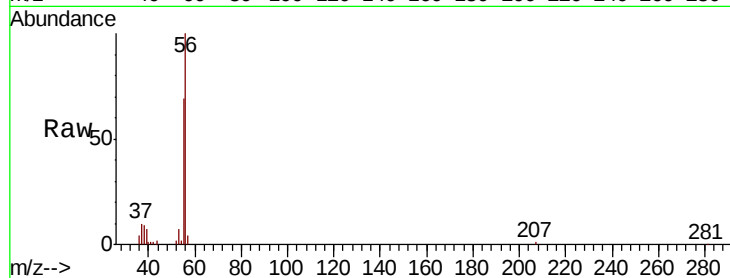
VSTDICCC050

Tgt Ion: 56 Resp: 43652

Ion Ratio Lower Upper

56 100

55 71.1 56.9 85.3



#14

Allyl chloride

Concen: 44.328 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

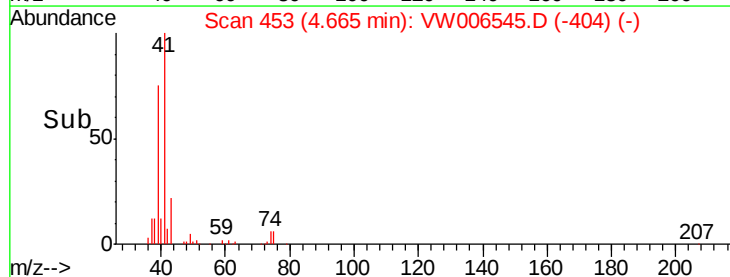
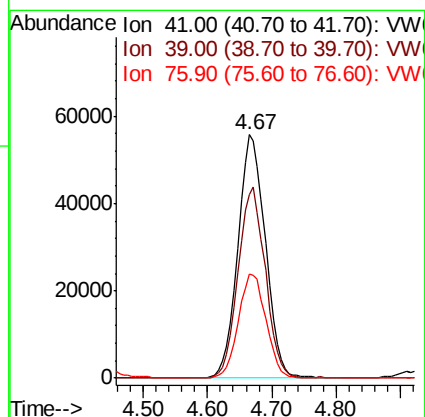
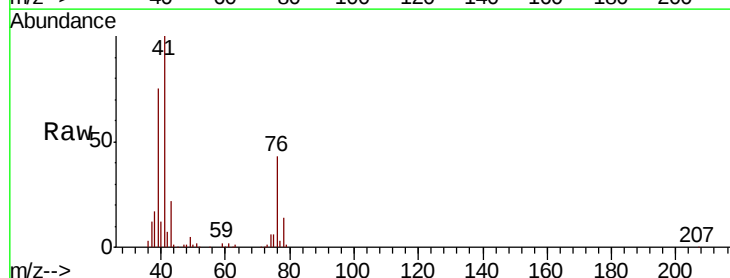
Tgt Ion: 41 Resp: 164993

Ion Ratio Lower Upper

41 100

39 77.6 62.1 93.1

76 42.7 34.2 51.2





#15

Acrylonitrile

Concen: 231.898 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

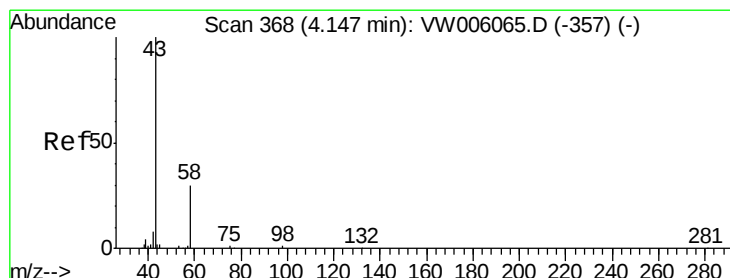
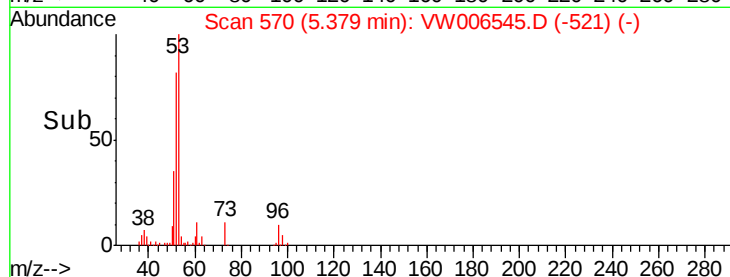
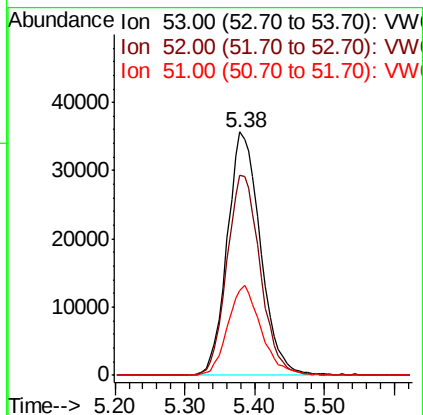
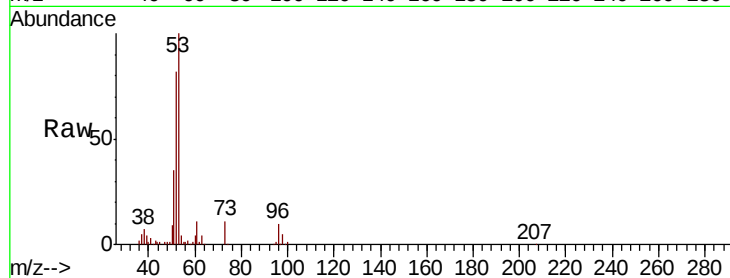
Tgt Ion: 53 Resp: 117803

Ion Ratio Lower Upper

53 100

52 82.3 65.8 98.8

51 37.0 29.6 44.4



#16

Acetone

Concen: 187.115 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.00 min

Lab File: VW006545.D

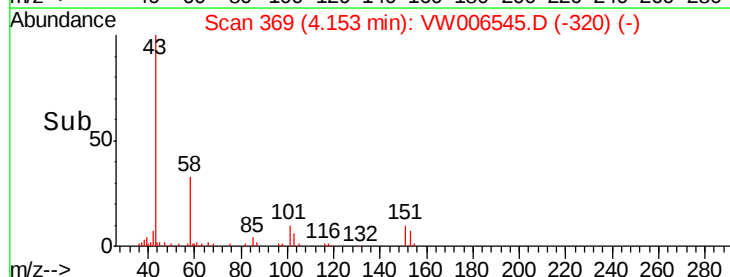
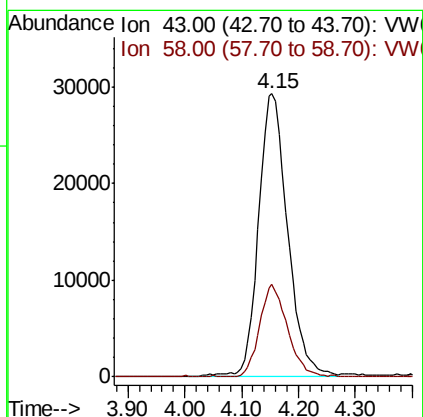
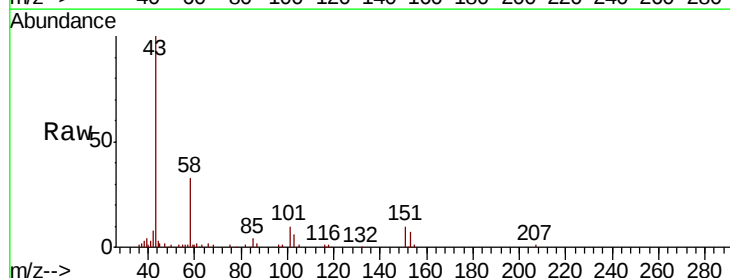
Acq: 01 Nov 2018 00:47

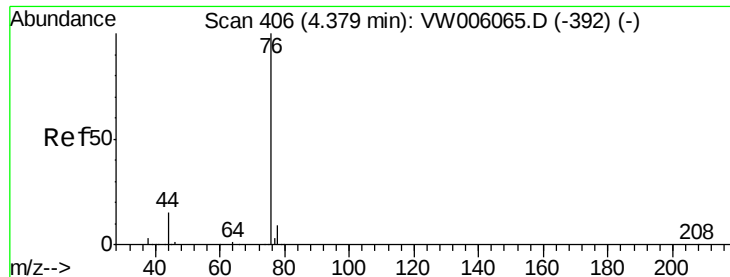
Tgt Ion: 43 Resp: 104383

Ion Ratio Lower Upper

43 100

58 32.3 25.8 38.8





#17

Carbon Disulfide

Concen: 45.703 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Instrument :

MSVOA_W

ClientSampleId :

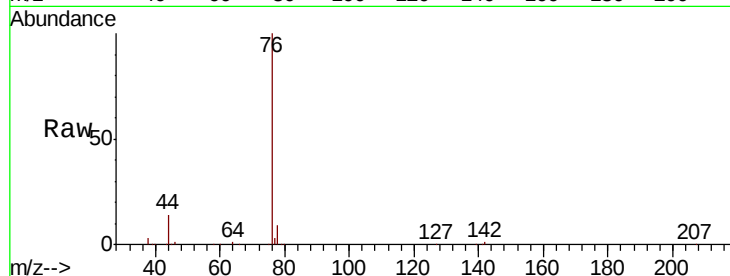
VSTDICCC050

Tgt Ion: 76 Resp: 359687

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

120000

100000

80000

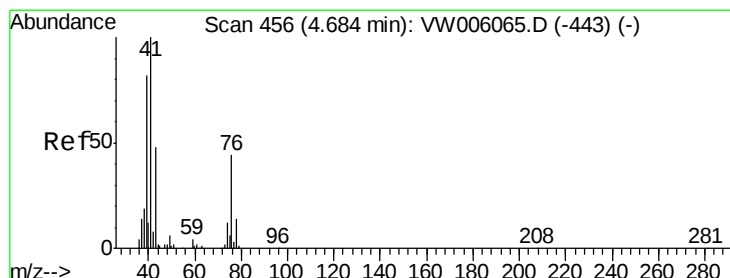
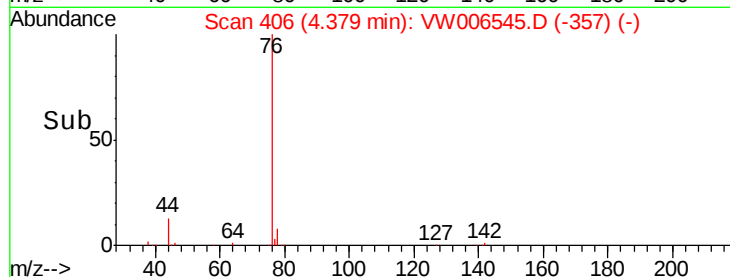
60000

40000

20000

0

Time--> 4.20 4.30 4.40 4.50 4.60



#18

Methyl Acetate

Concen: 45.725 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW006545.D

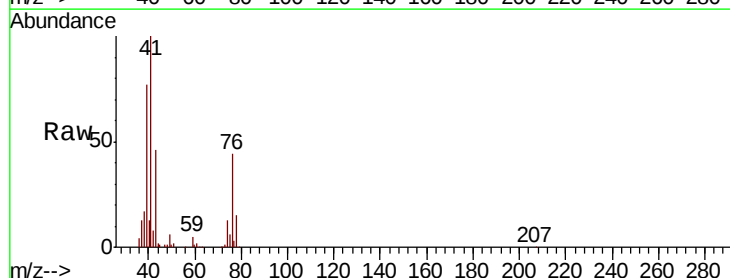
Acq: 01 Nov 2018 00:47

Tgt Ion: 43 Resp: 59715

Ion Ratio Lower Upper

43 100

74 27.4 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

20000

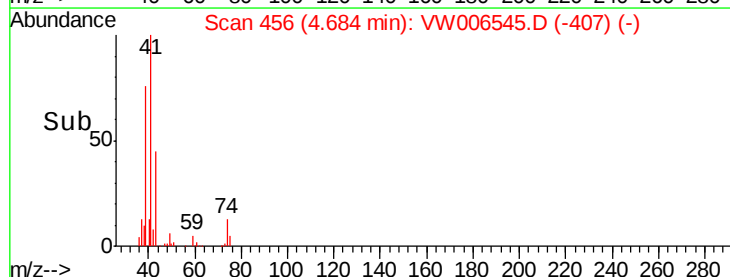
15000

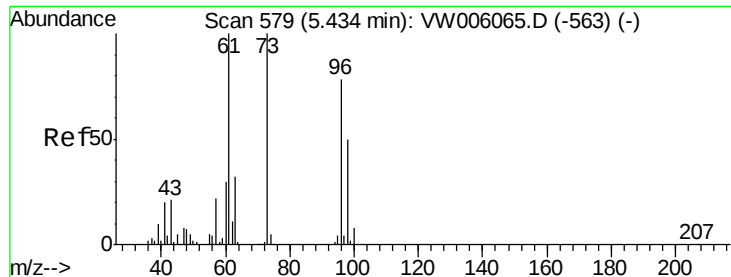
10000

5000

0

Time--> 4.50 4.60 4.70 4.80





#19

Methyl tert-butyl Ether

Concen: 46.344 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Instrument :

MSVOA_W

ClientSampleId :

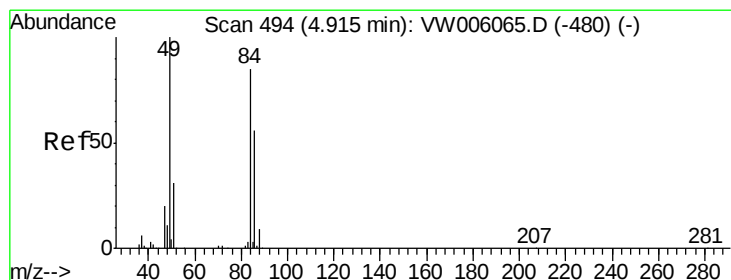
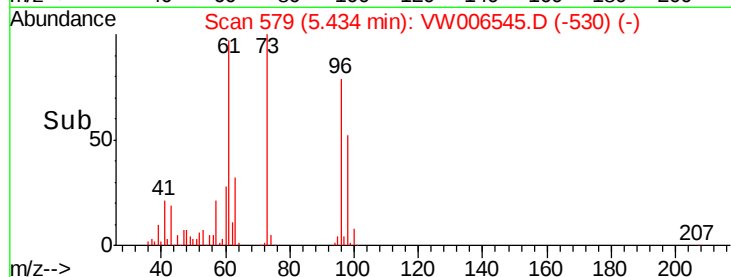
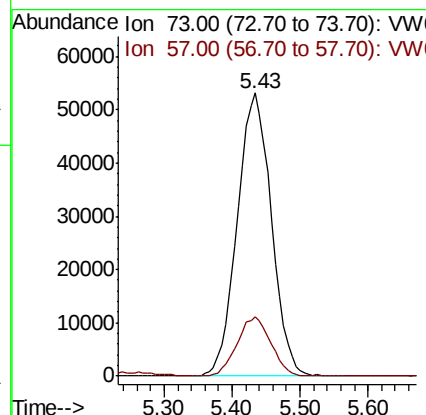
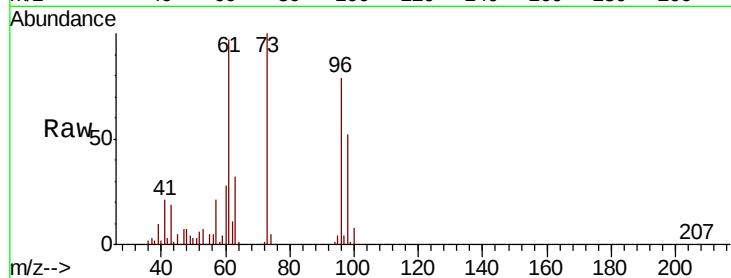
VSTDICCC050

Tgt Ion: 73 Resp: 185181

Ion Ratio Lower Upper

73 100

57 20.9 16.7 25.1



#20

Methylene Chloride

Concen: 46.826 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Tgt Ion: 84 Resp: 145157

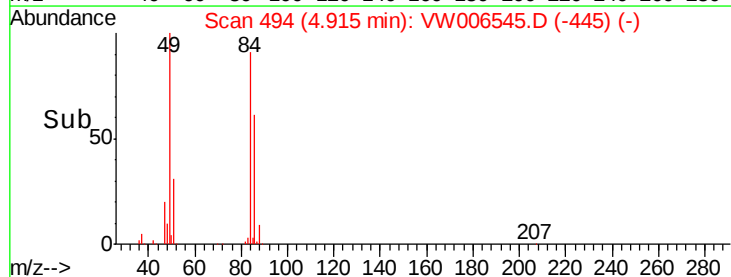
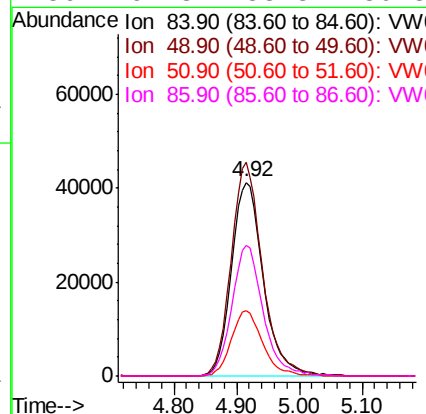
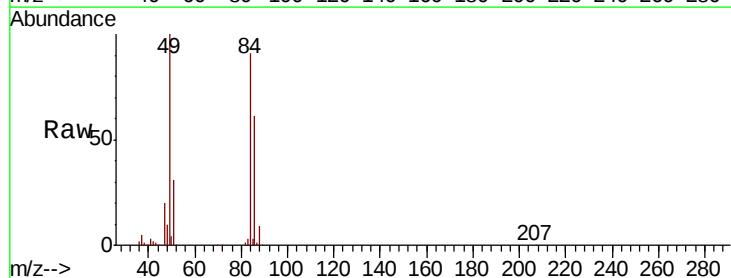
Ion Ratio Lower Upper

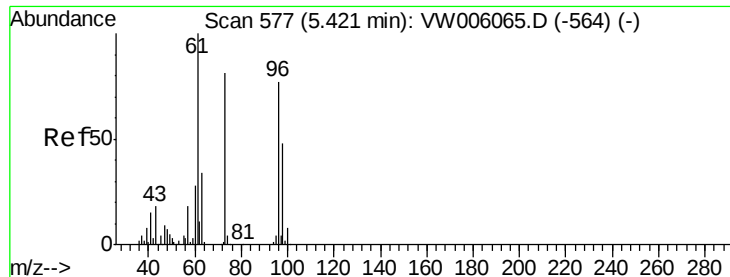
84 100

49 110.3 88.2 132.4

51 33.8 27.0 40.6

86 67.3 53.8 80.8





#21

trans-1,2-Dichloroethene

Concen: 47.992 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

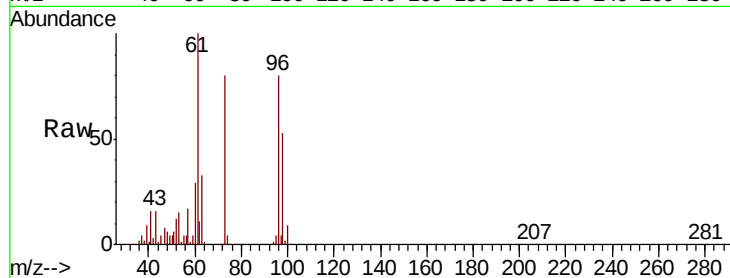
Tgt Ion: 96 Resp: 141298

Ion Ratio Lower Upper

96 100

61 125.7 100.6 150.8

98 66.1 52.9 79.3

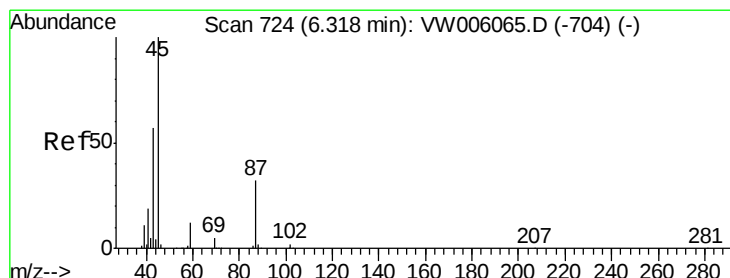
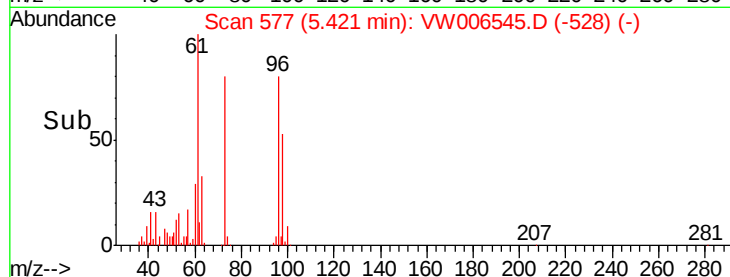
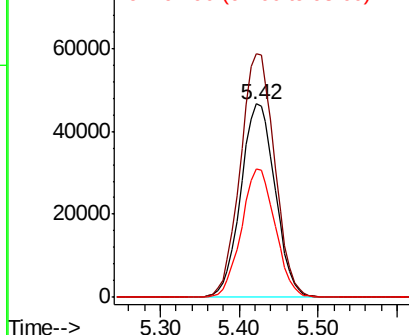


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 46.614 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Tgt Ion: 45 Resp: 345462

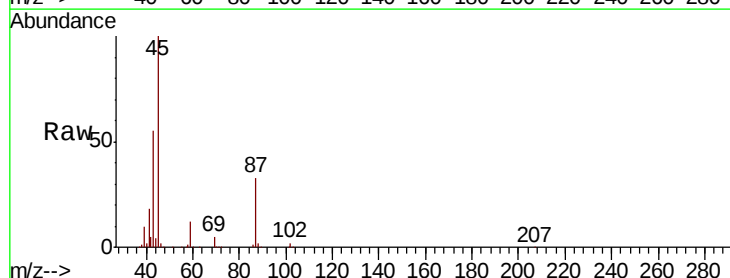
Ion Ratio Lower Upper

45 100

43 54.5 43.6 65.4

87 32.9 26.3 39.5

59 12.3 9.8 14.8



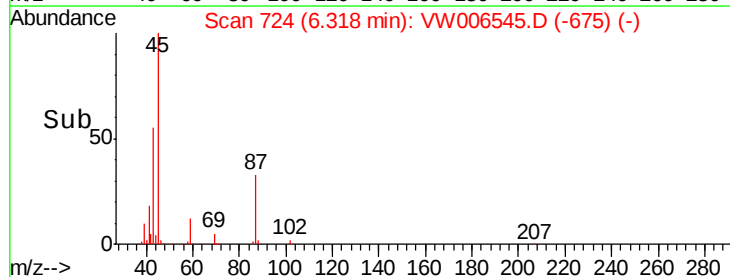
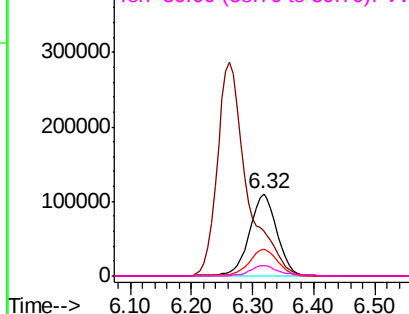
Abundance

Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 222.123 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Instrument :

MSVOA_W

ClientSampleId :

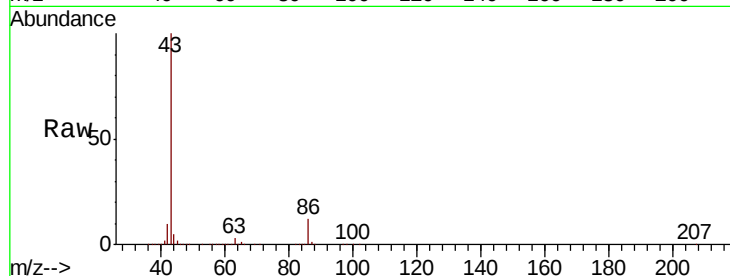
VSTDICCC050

Tgt Ion: 43 Resp: 965284

Ion Ratio Lower Upper

43 100

86 12.3 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

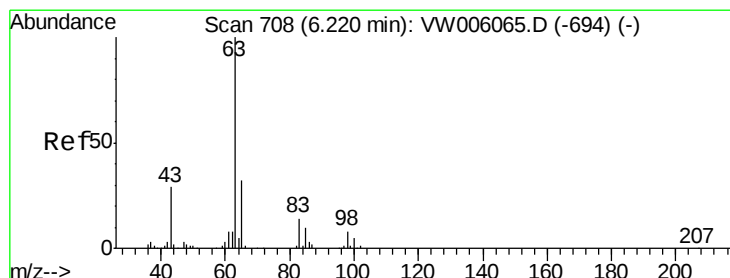
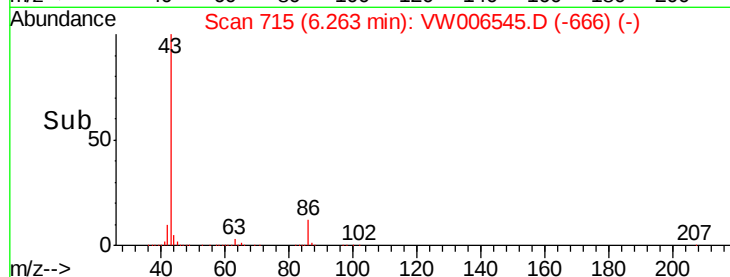
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.024 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

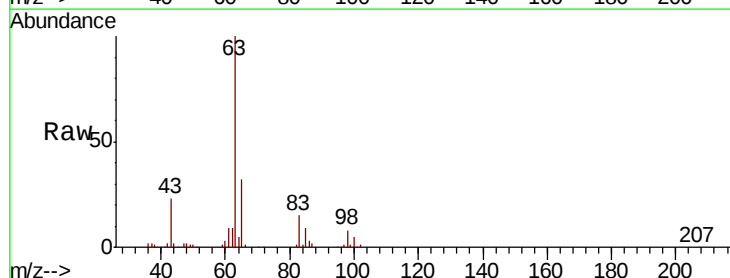
Tgt Ion: 63 Resp: 230687

Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.4

100 4.8 2.4 7.2



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

100000

80000

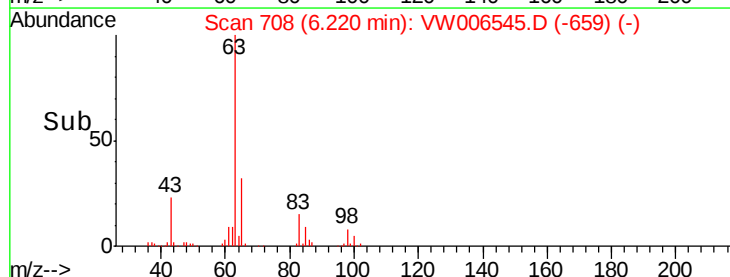
60000

40000

20000

0

Time-->





#25

2-Butanone

Concen: 215.825 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Instrument :

MSVOA_W

ClientSampleId :

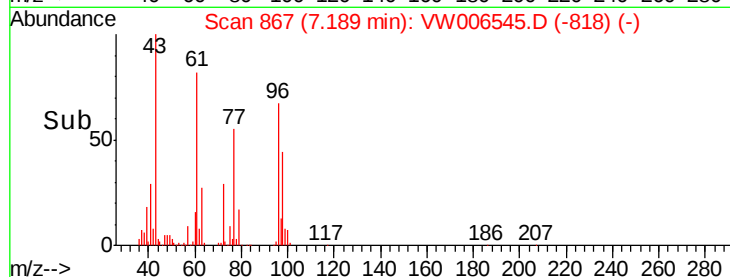
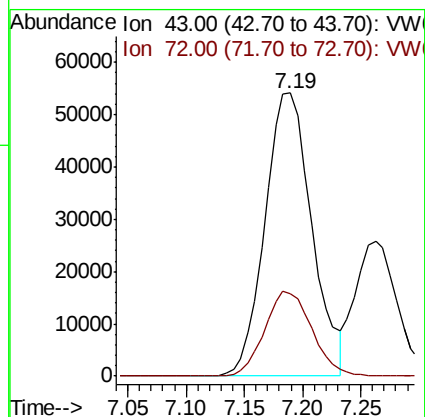
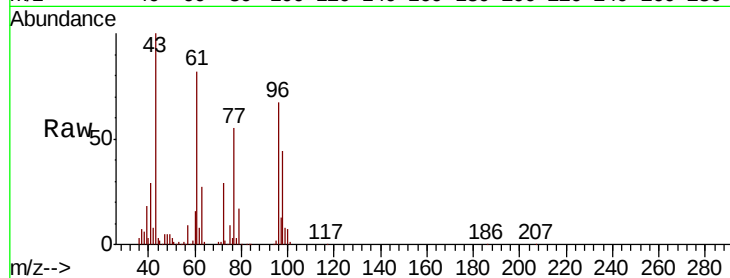
VSTDICCC050

Tgt Ion: 43 Resp: 151162

Ion Ratio Lower Upper

43 100

72 29.0 23.2 34.8



#26

2,2-Dichloropropane

Concen: 40.705 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006545.D

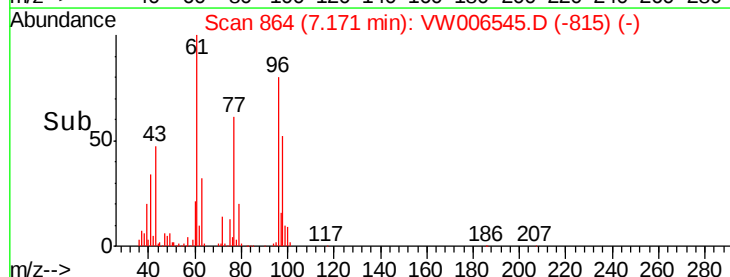
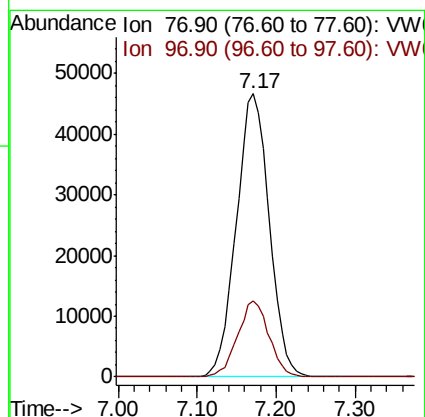
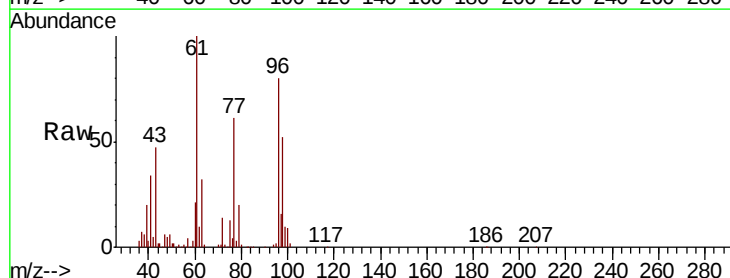
Acq: 01 Nov 2018 00:47

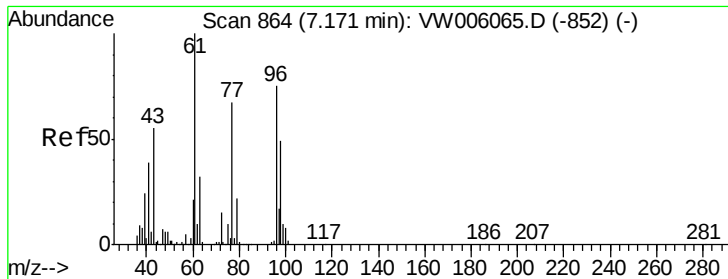
Tgt Ion: 77 Resp: 135291

Ion Ratio Lower Upper

77 100

97 25.6 12.8 38.4



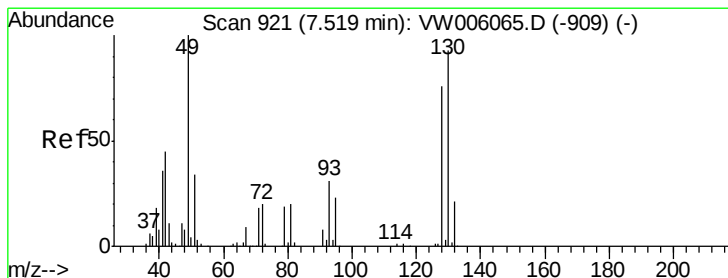
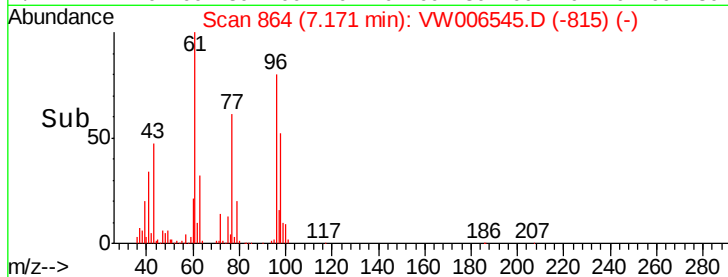
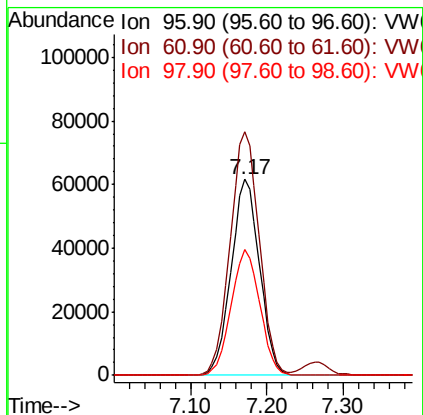
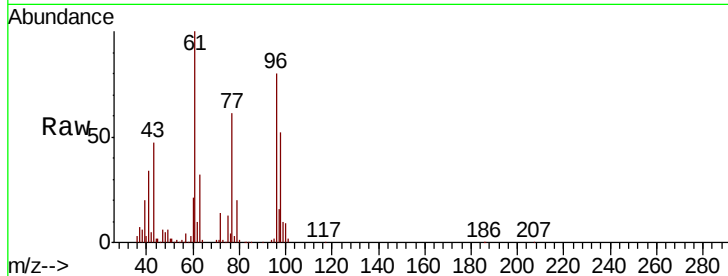


#27

cis-1,2-Dichloroethene
 Concen: 48.722 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW006545.D
 Acq: 01 Nov 2018 00:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

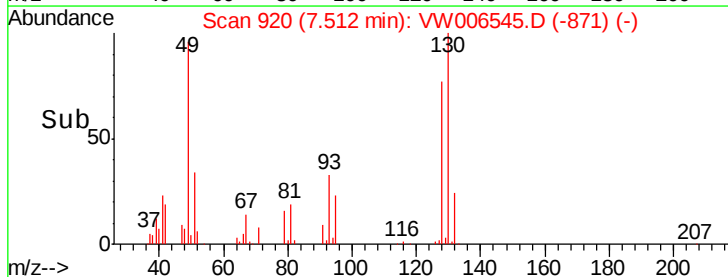
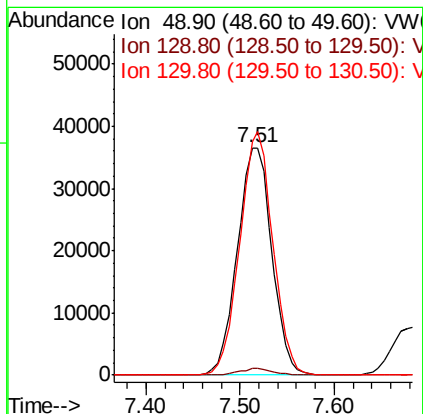
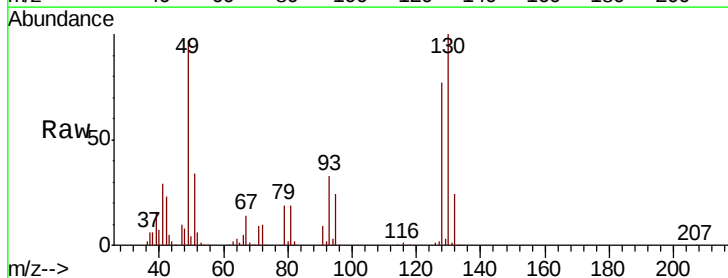
Tgt Ion	Resp	Lower	Upper
96	158789		
Ion Ratio			
96	100		
61	127.1	0.0	254.2
98	64.8	0.0	129.6



#28

Bromochloromethane
 Concen: 50.564 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW006545.D
 Acq: 01 Nov 2018 00:47

Tgt Ion	Resp	Lower	Upper
49	93541		
Ion Ratio			
49	100		
129	2.8	0.0	5.6
130	102.7	82.2	123.2

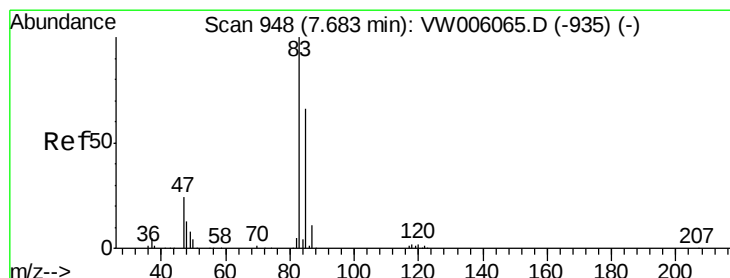
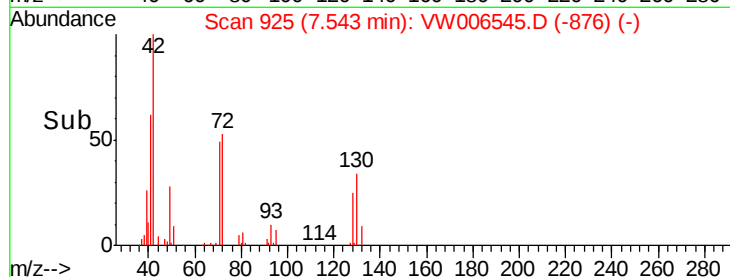
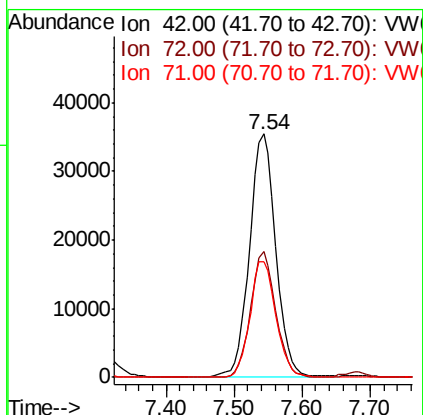
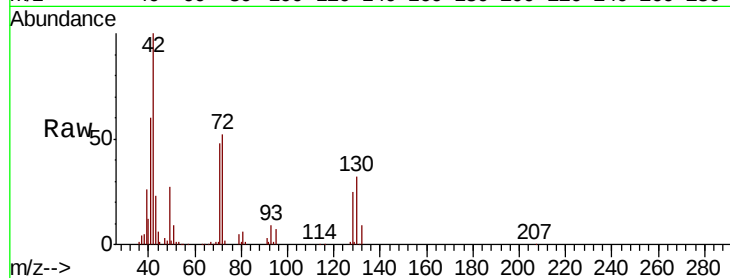




#29
Tetrahydrofuran
Concen: 223.073 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

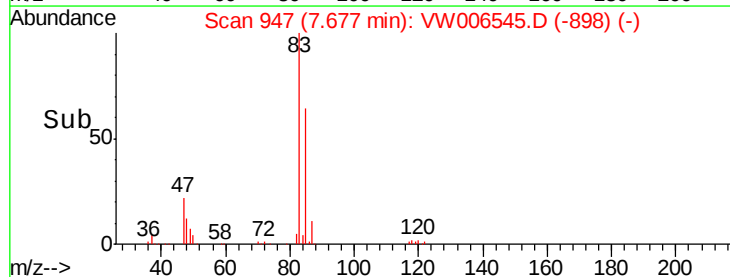
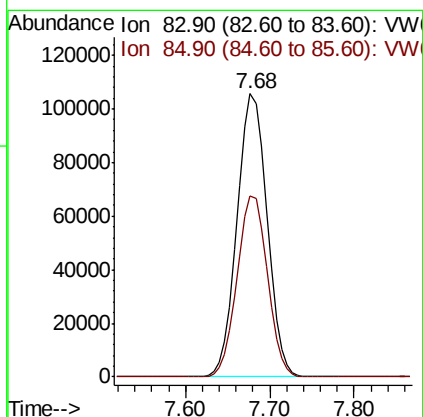
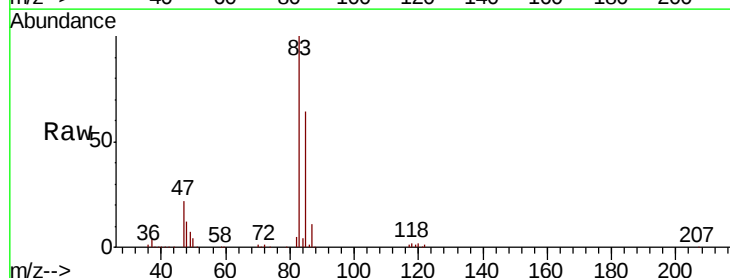
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

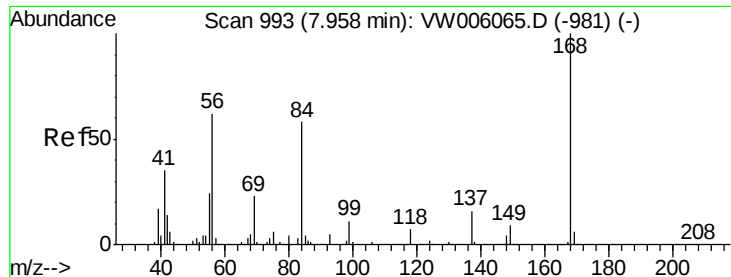
Tgt Ion: 42 Resp: 96194
Ion Ratio Lower Upper
42 100
72 49.0 39.2 58.8
71 47.0 37.6 56.4



#30
Chloroform
Concen: 48.405 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Tgt Ion: 83 Resp: 254388
Ion Ratio Lower Upper
83 100
85 64.1 51.3 76.9

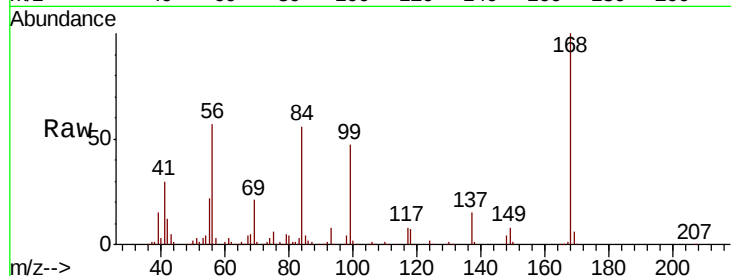




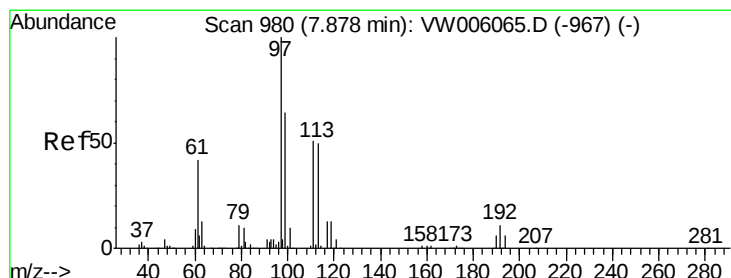
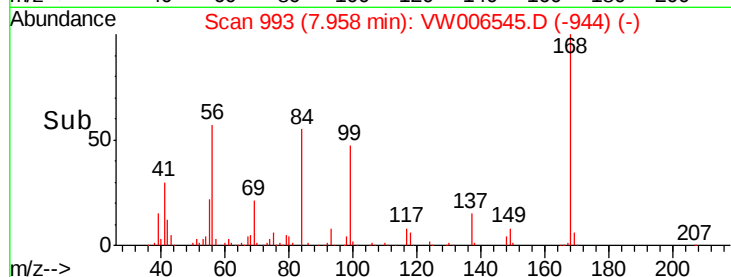
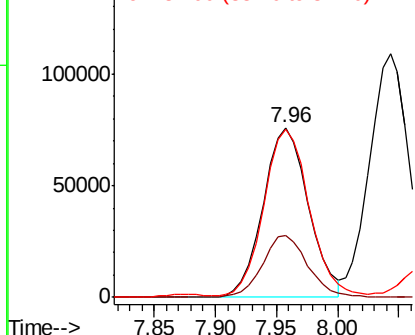
#31
Cyclohexane
Concen: 41.556 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 196424
Ion Ratio Lower Upper
56 100
69 36.2 29.0 43.4
84 97.2 77.8 116.6

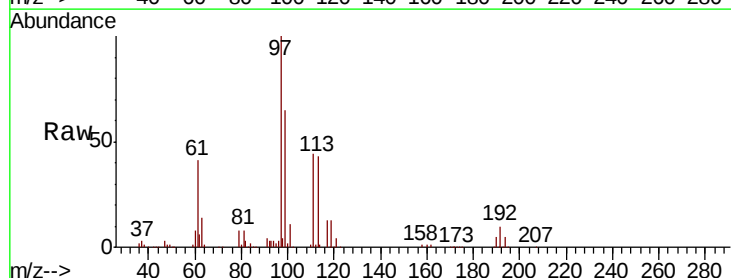


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

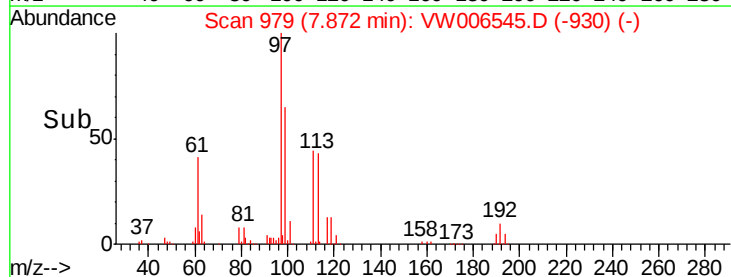
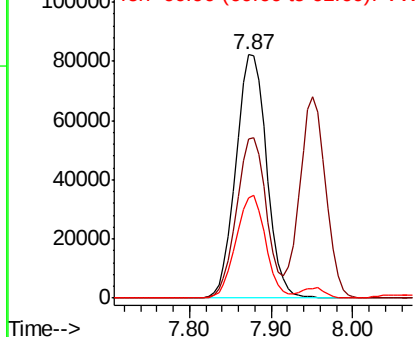


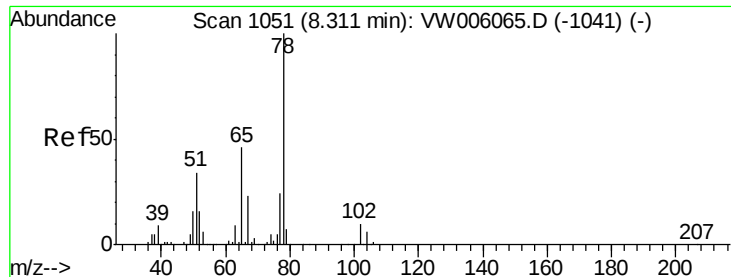
#32
1,1,1-Trichloroethane
Concen: 45.723 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Tgt Ion: 97 Resp: 214311
Ion Ratio Lower Upper
97 100
99 64.6 51.7 77.5
61 41.1 32.9 49.3



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

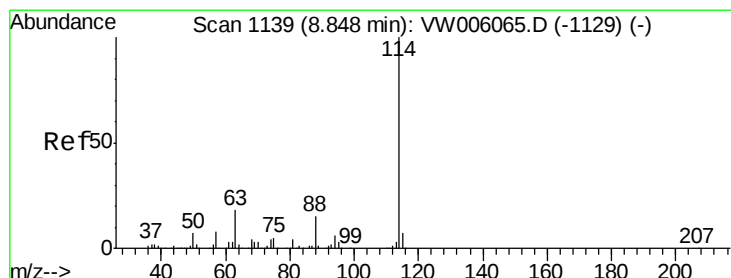
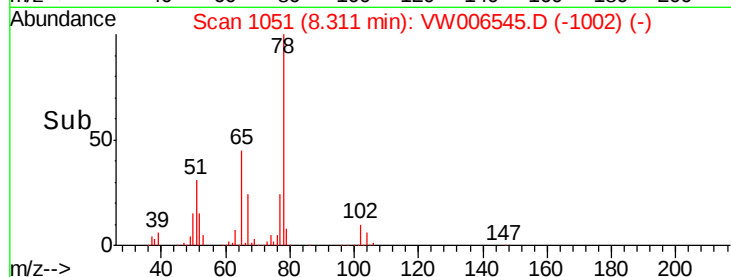
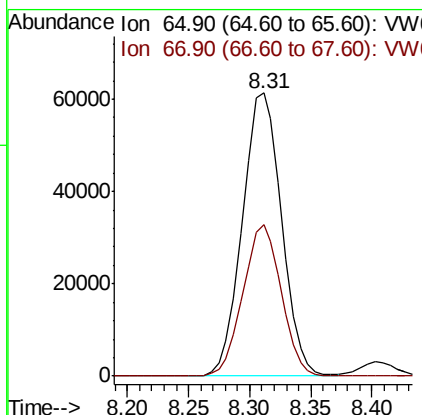
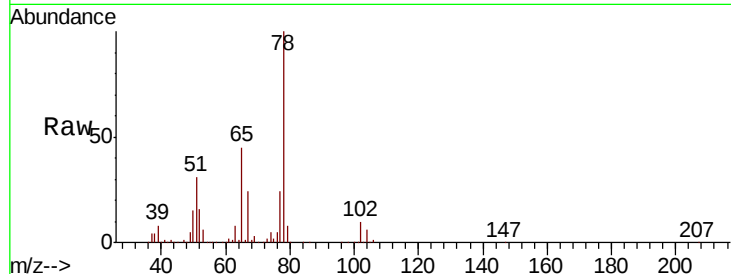




#33
 1,2-Dichloroethane-d4
 Concen: 51.651 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006545.D
 Acq: 01 Nov 2018 00:47

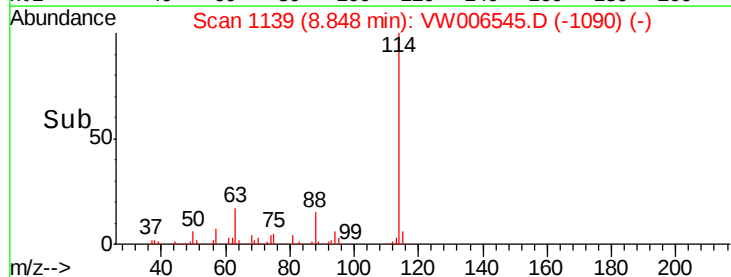
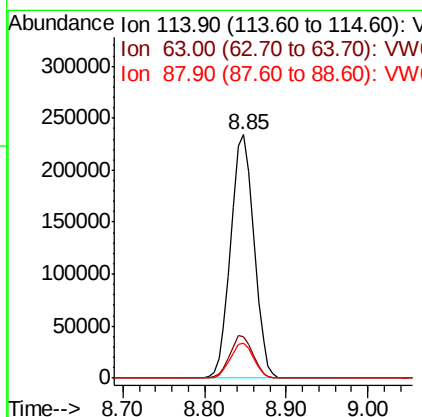
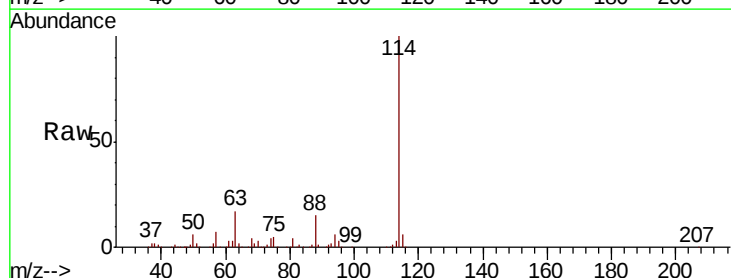
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

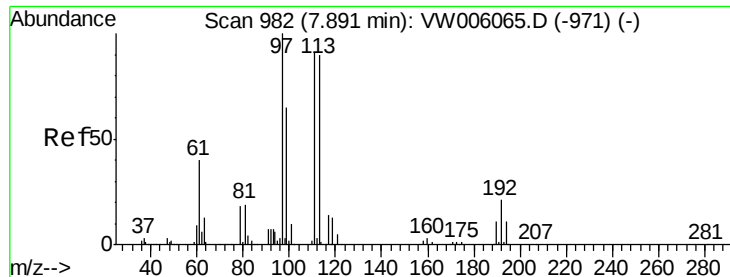
Tgt Ion: 65 Resp: 136727
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006545.D
 Acq: 01 Nov 2018 00:47

Tgt Ion: 114 Resp: 457691
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 34.4
 88 14.5 0.0 29.0

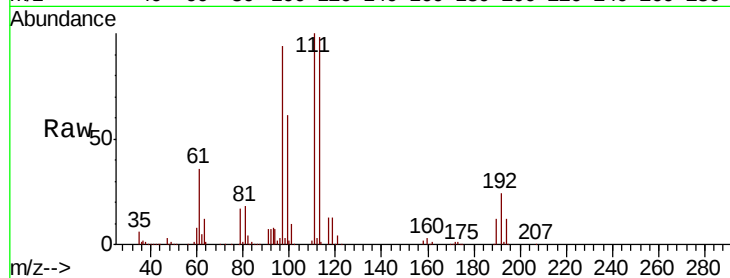




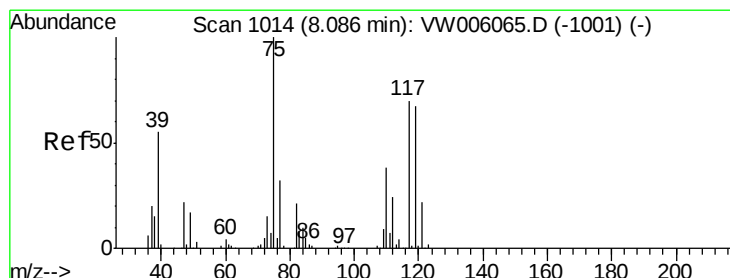
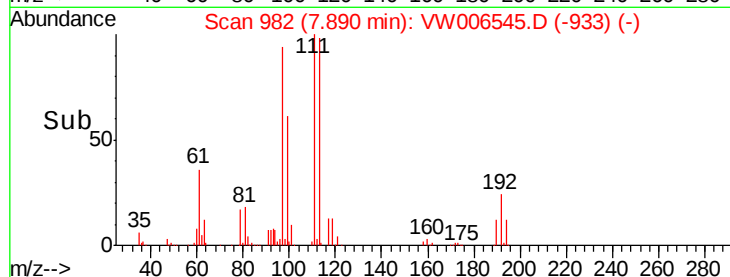
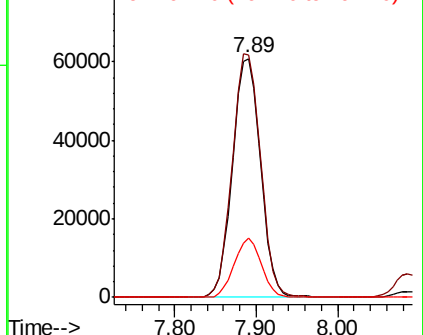
#35
 Dibromofluoromethane
 Concen: 52.621 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006545.D
 Acq: 01 Nov 2018 00:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 113 Resp: 144013
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.2 123.2
 192 23.8 19.0 28.6

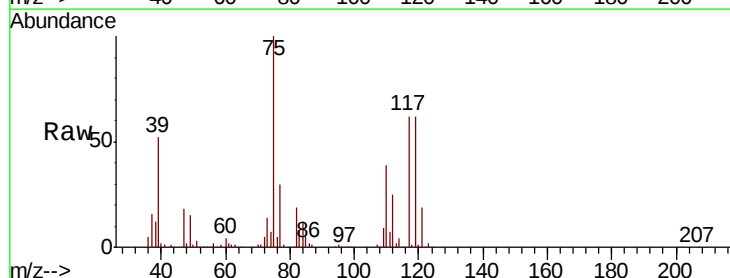


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

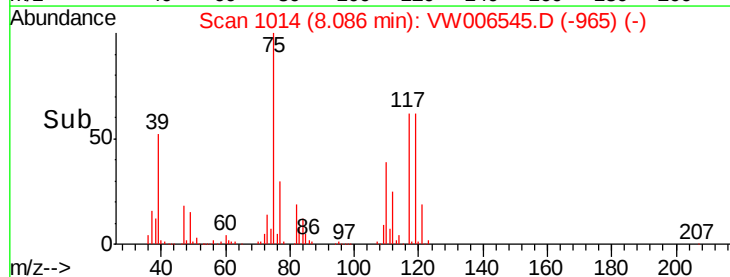
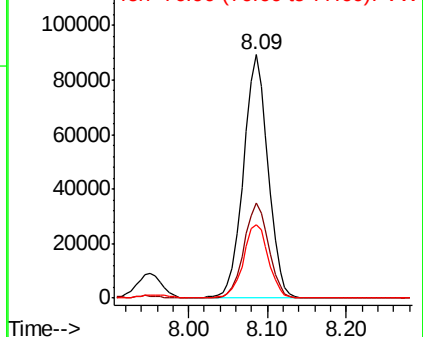


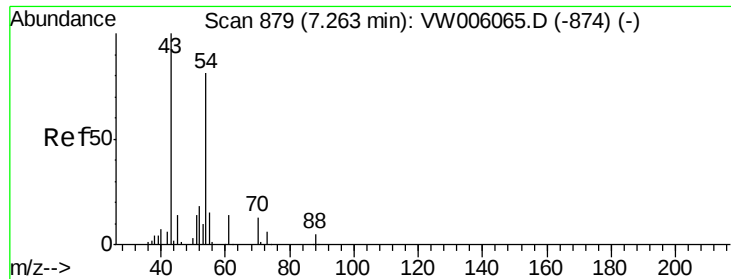
#36
 1,1-Dichloropropene
 Concen: 46.115 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006545.D
 Acq: 01 Nov 2018 00:47

Tgt Ion: 75 Resp: 193125
 Ion Ratio Lower Upper
 75 100
 110 39.0 19.5 58.5
 77 30.8 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

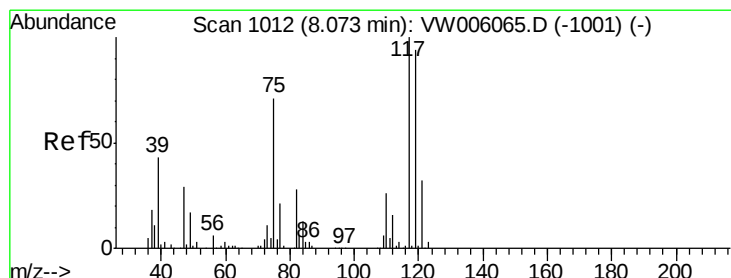
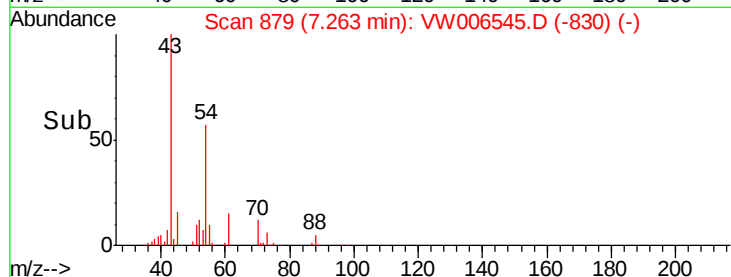
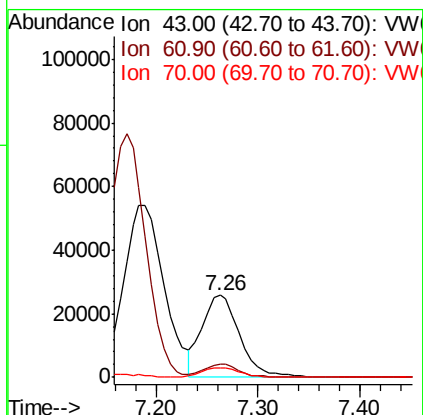
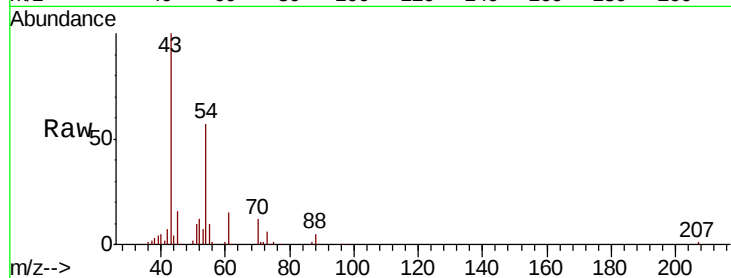




#37
 Ethyl Acetate
 Concen: 42.689 ug/l
 RT: 7.26 min Scan# 879
 Delta R.T. 0.00 min
 Lab File: VW006545.D
 Acq: 01 Nov 2018 00:47

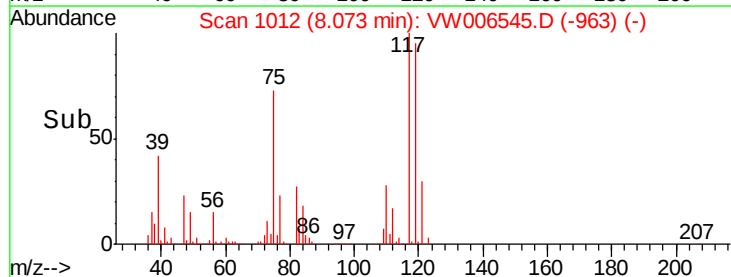
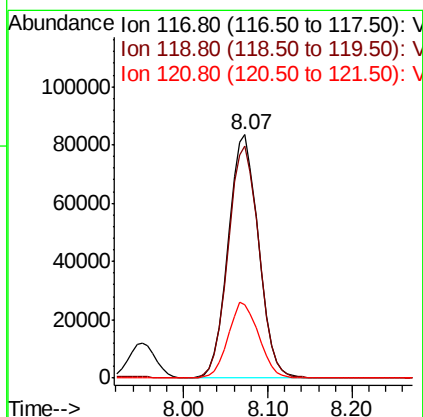
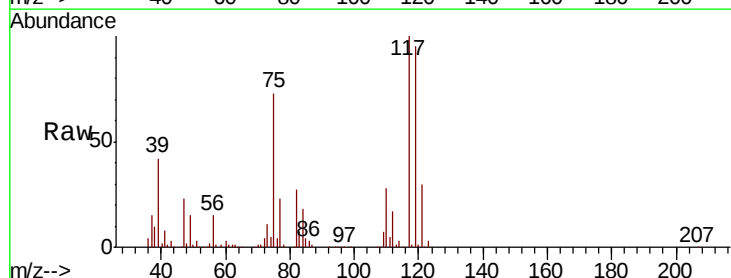
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

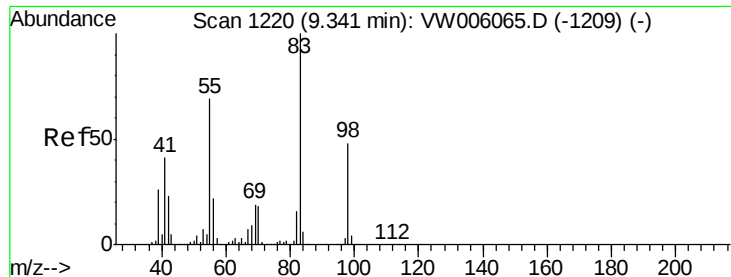
Tgt Ion: 43 Resp: 66098
 Ion Ratio Lower Upper
 43 100
 61 15.1 12.1 18.1
 70 12.2 9.8 14.6



#38
 Carbon Tetrachloride
 Concen: 44.764 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: VW006545.D
 Acq: 01 Nov 2018 00:47

Tgt Ion: 117 Resp: 204084
 Ion Ratio Lower Upper
 117 100
 119 95.4 76.3 114.5
 121 30.1 24.1 36.1

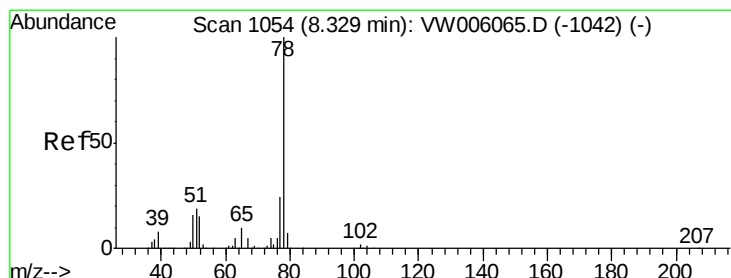
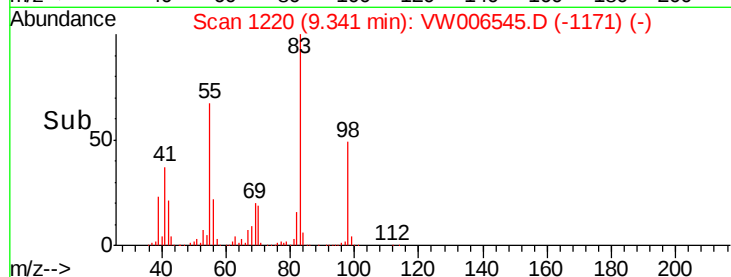
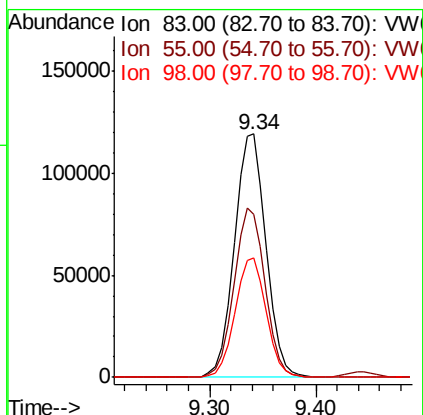
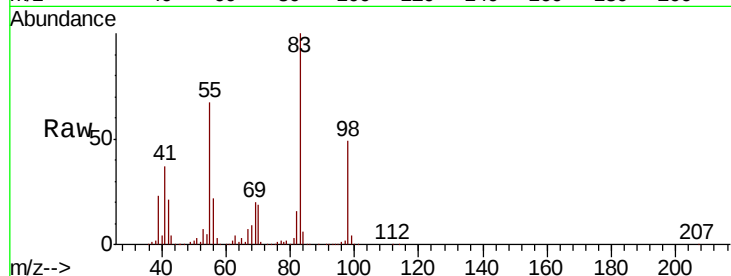




#39
Methylcyclohexane
Concen: 44.752 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

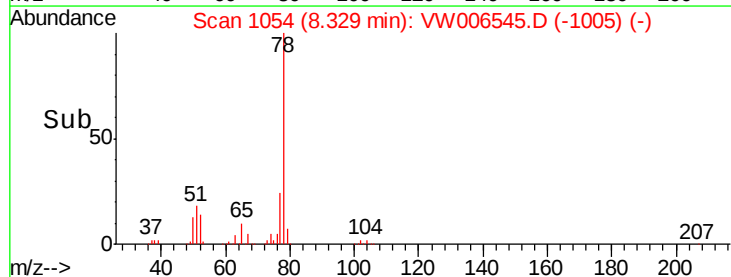
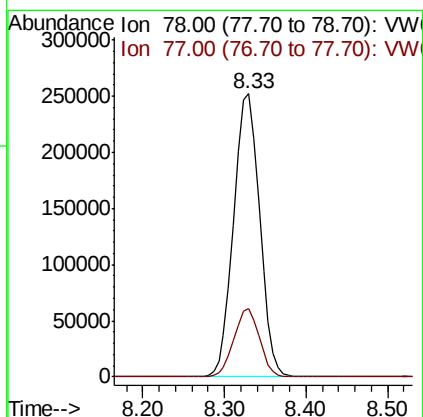
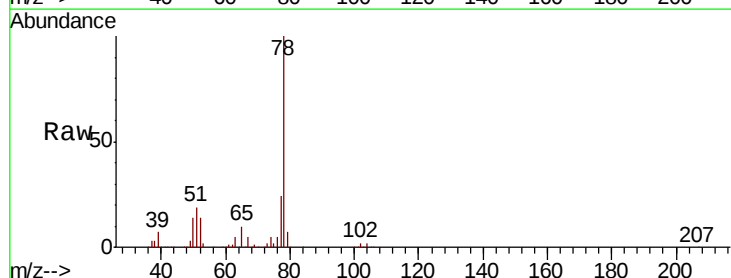
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

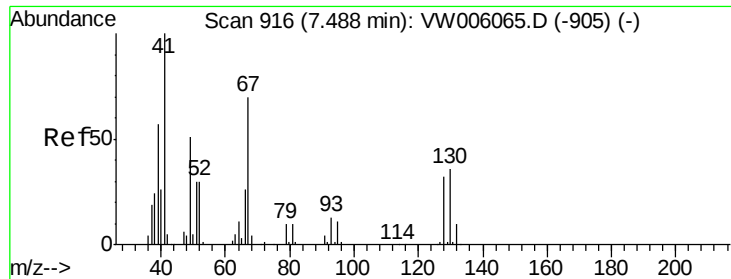
Tgt Ion: 83 Resp: 247868
Ion Ratio Lower Upper
83 100
55 67.1 53.7 80.5
98 49.0 39.2 58.8



#40
Benzene
Concen: 48.006 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Tgt Ion: 78 Resp: 555857
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8

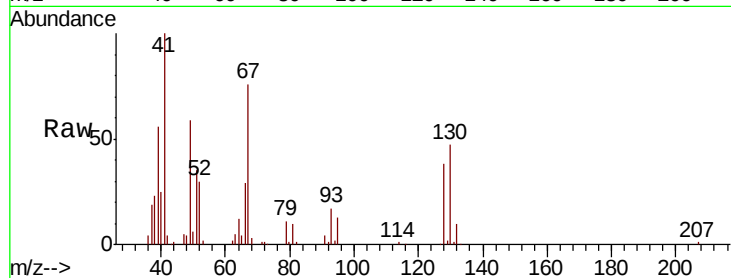




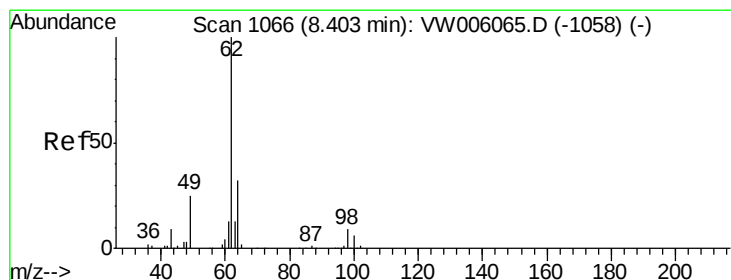
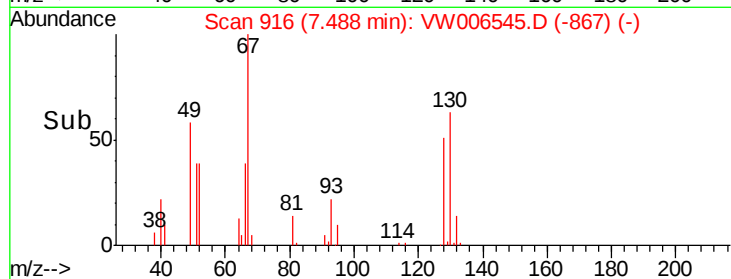
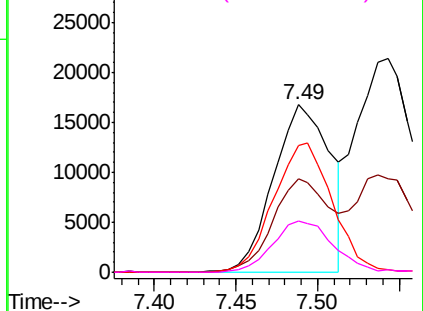
#41
Methacrylonitrile
Concen: 43.787 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:	41	Resp:	40574
Ion	Ratio	Lower	Upper
41	100		
39	55.6	44.5	66.7
67	79.8	63.8	95.8
52	32.9	26.3	39.5

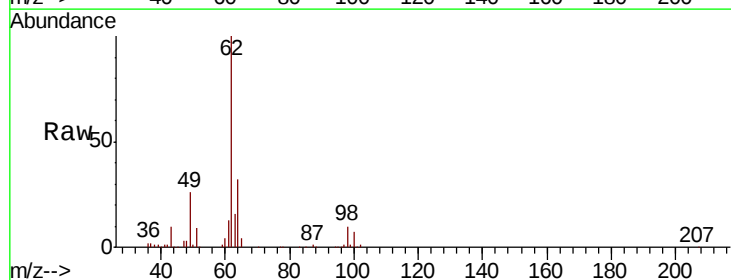


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

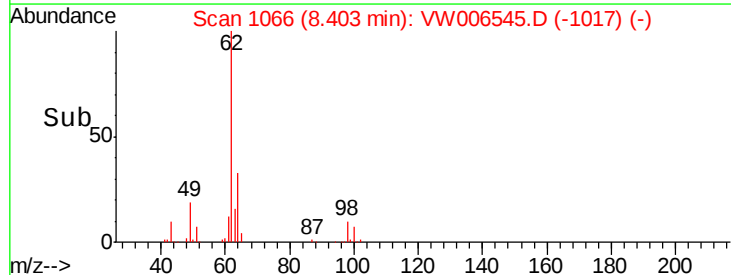
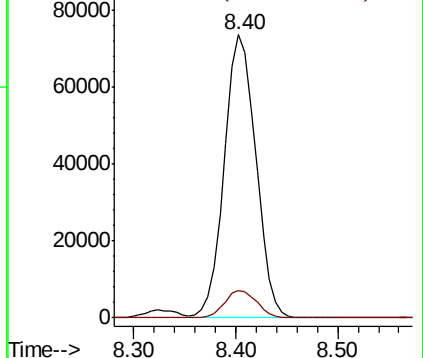


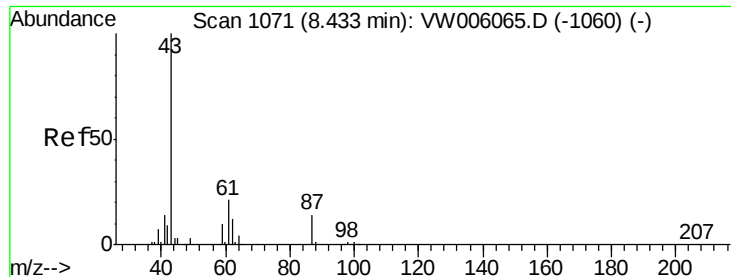
#42
1,2-Dichloroethane
Concen: 46.744 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Tgt Ion:	62	Resp:	157982
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.8



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





#43

Isopropyl Acetate

Concen: 42.496 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

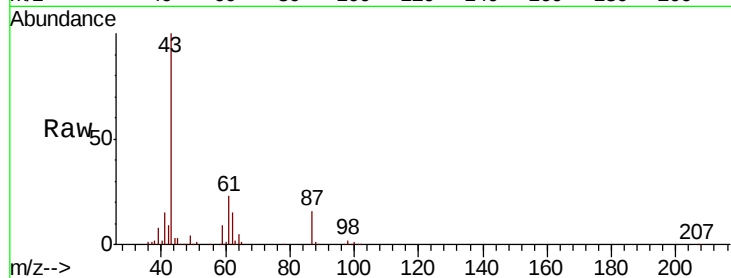
Tgt Ion: 43 Resp: 133671

Ion Ratio Lower Upper

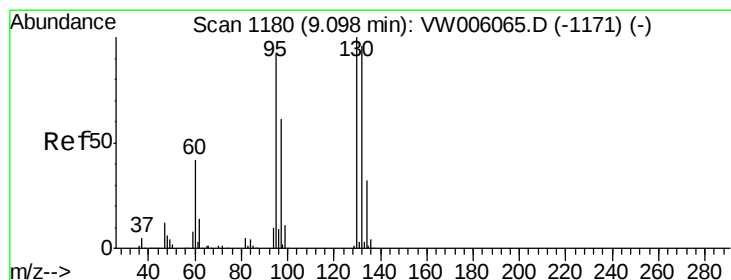
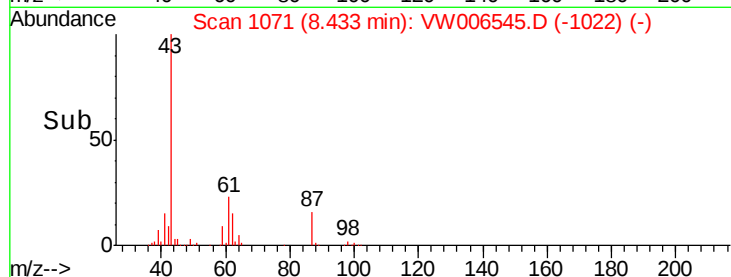
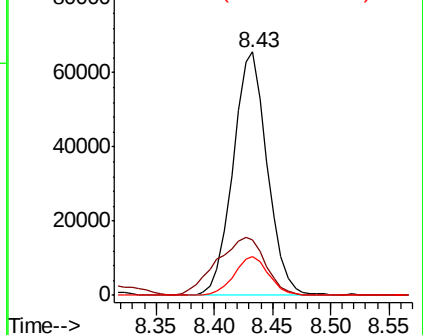
43 100

61 34.0 27.2 40.8

87 16.1 12.9 19.3



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: 48.317 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW006545.D

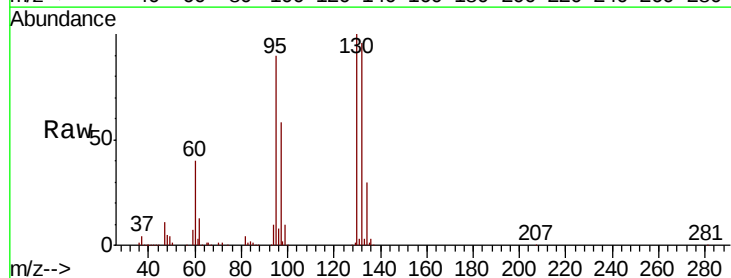
Acq: 01 Nov 2018 00:47

Tgt Ion: 130 Resp: 171723

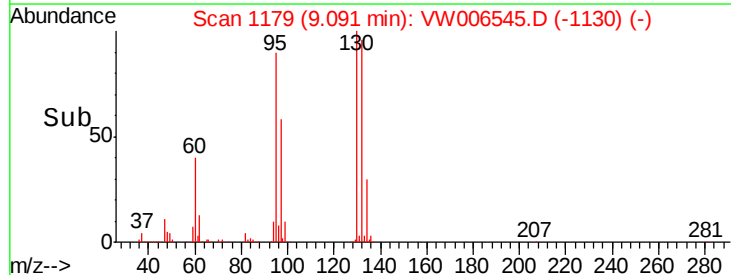
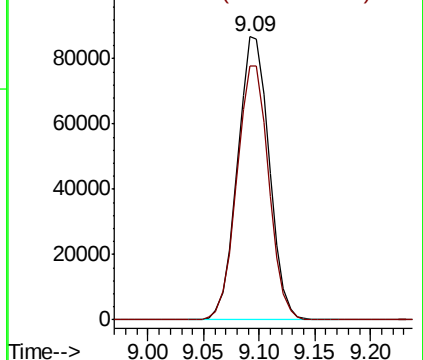
Ion Ratio Lower Upper

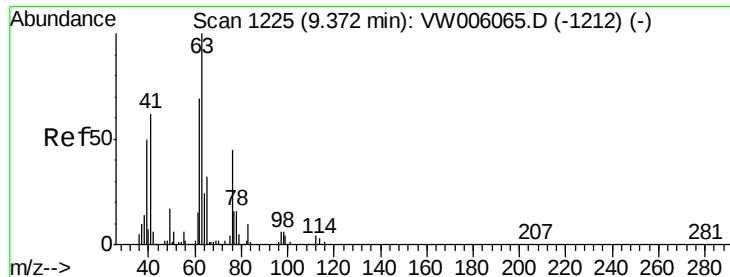
130 100

95 89.6 0.0 179.2



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

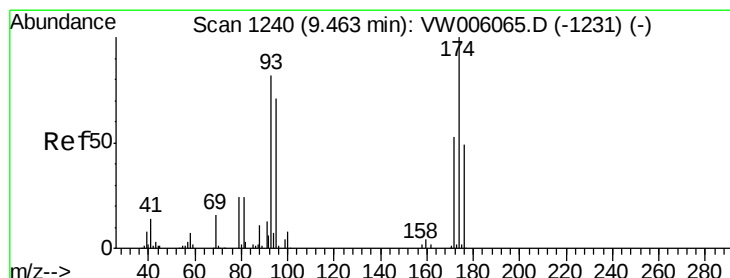
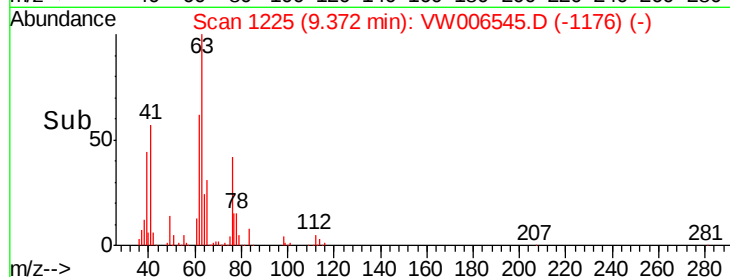
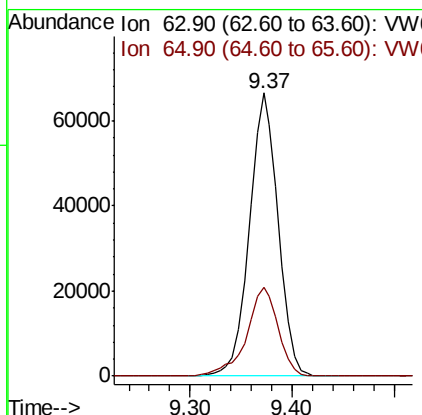
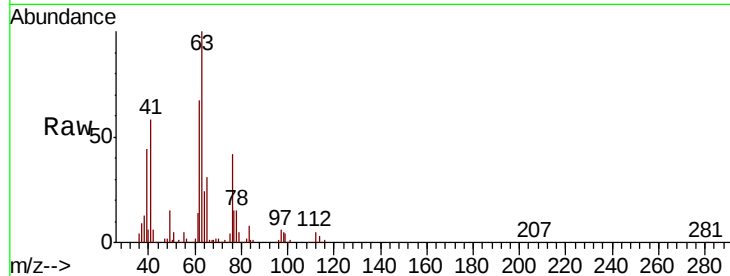




#45
 1,2-Dichloropropane
 Concen: 47.120 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006545.D
 Acq: 01 Nov 2018 00:47

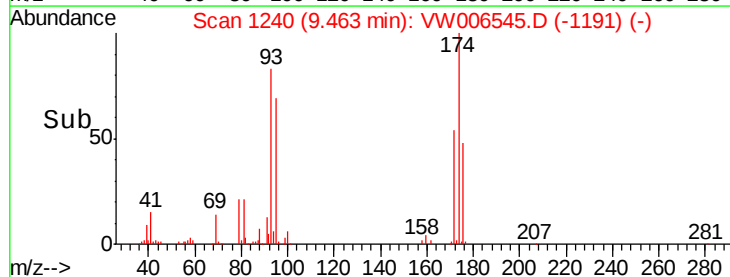
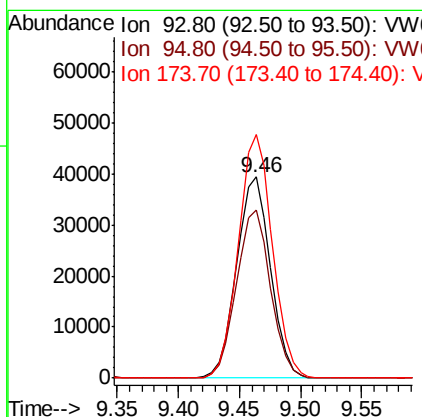
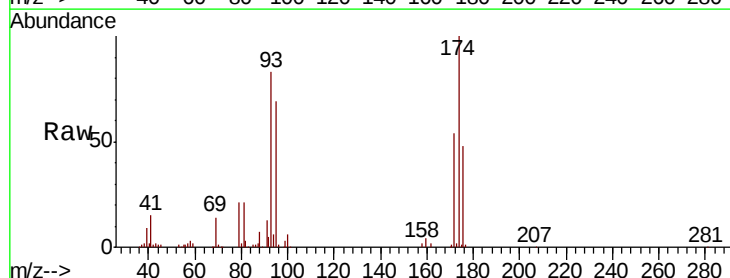
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 63 Resp: 130040
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.1 37.7



#46
 Dibromomethane
 Concen: 48.006 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006545.D
 Acq: 01 Nov 2018 00:47

Tgt Ion: 93 Resp: 75727
 Ion Ratio Lower Upper
 93 100
 95 84.0 67.2 100.8
 174 121.6 97.3 145.9





#47

Bromodichloromethane

Concen: 47.625 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

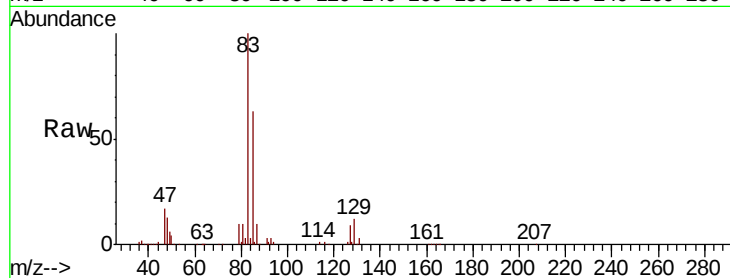
Tgt Ion: 83 Resp: 181514

Ion Ratio Lower Upper

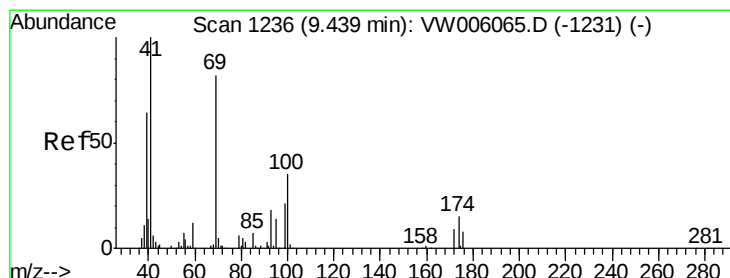
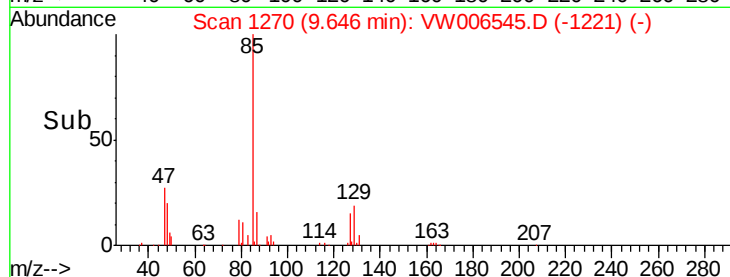
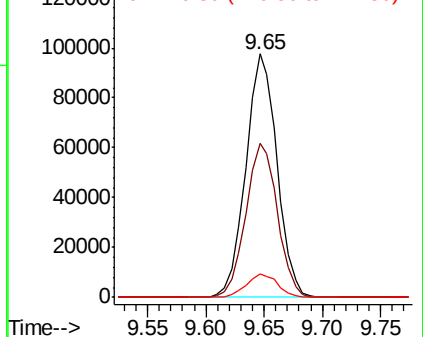
83 100

85 63.2 50.6 75.8

127 9.4 7.5 11.3



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): V



#48

Methyl methacrylate

Concen: 44.618 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

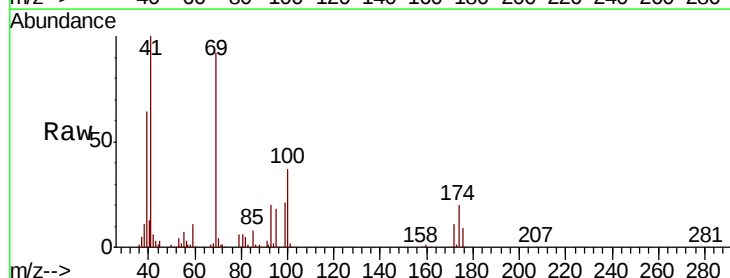
Tgt Ion: 41 Resp: 66713

Ion Ratio Lower Upper

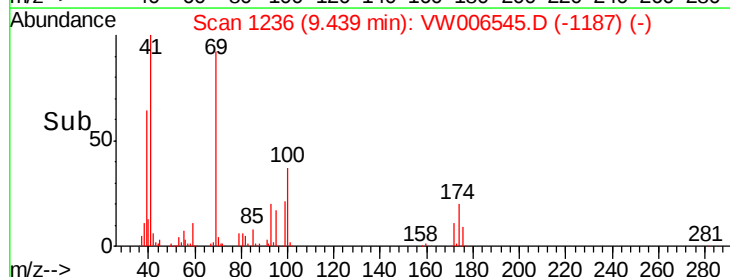
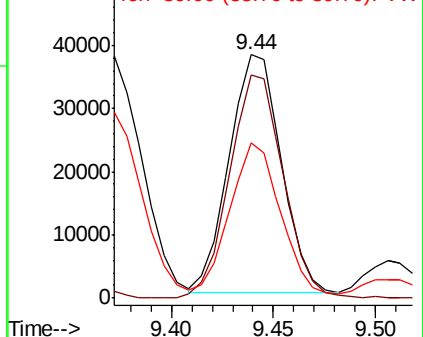
41 100

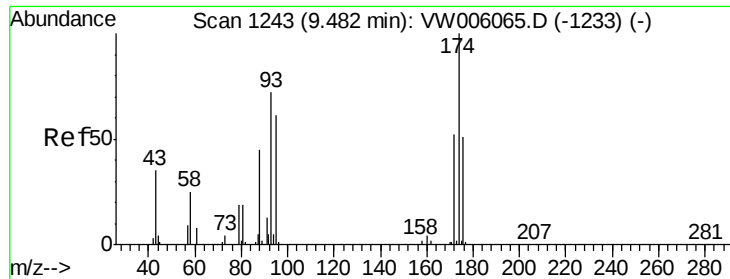
69 97.3 77.8 116.8

39 60.9 48.7 73.1



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

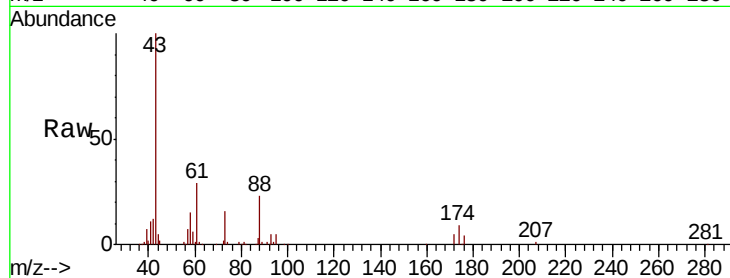




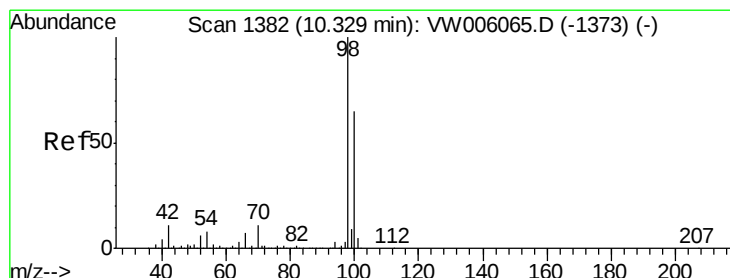
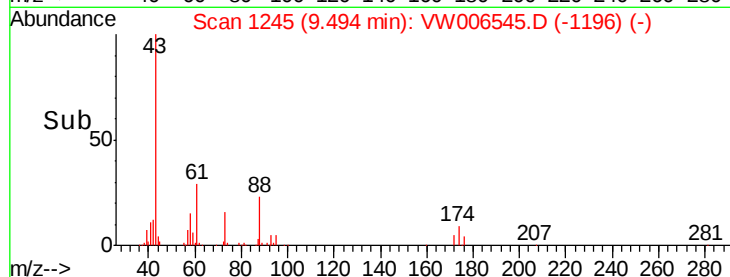
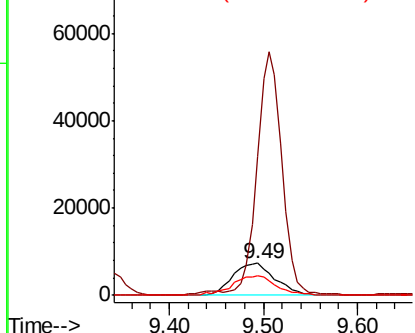
#49
 1,4-Dioxane
 Concen: 959.454 ug/l
 RT: 9.49 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: VW006545.D
 Acq: 01 Nov 2018 00:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 88 Resp: 23142
 Ion Ratio Lower Upper
 88 100
 43 445.7 356.6 534.8
 58 64.3 51.4 77.2

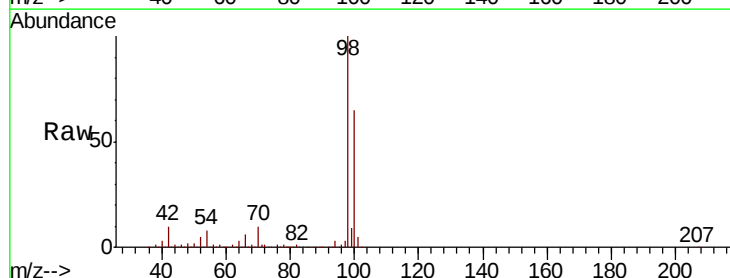


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

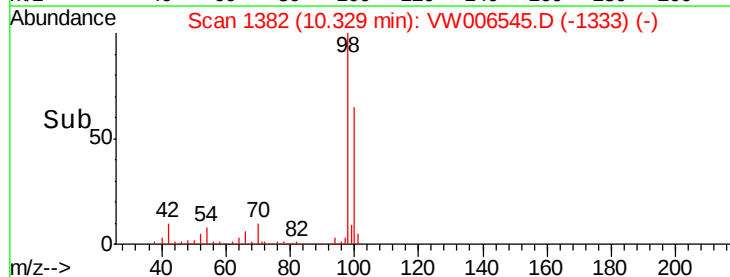
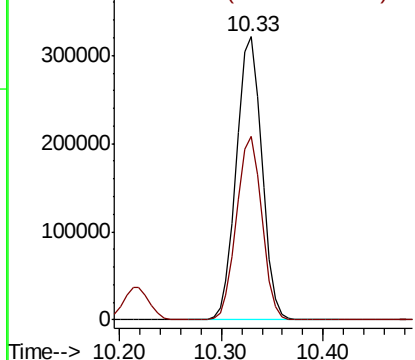


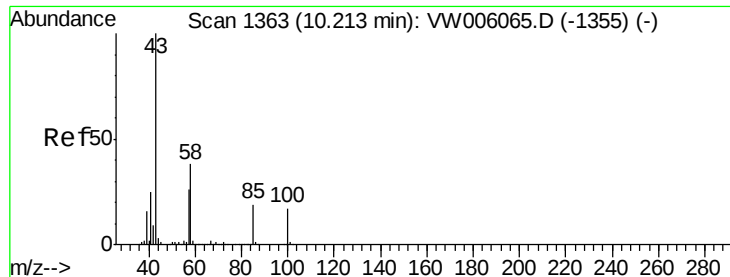
#50
 Toluene-d8
 Concen: 53.032 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW006545.D
 Acq: 01 Nov 2018 00:47

Tgt Ion: 98 Resp: 553679
 Ion Ratio Lower Upper
 98 100
 100 64.5 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: 219.521 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Instrument :

MSVOA_W

ClientSampleId :

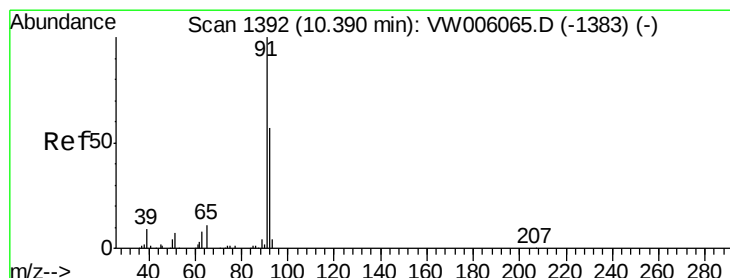
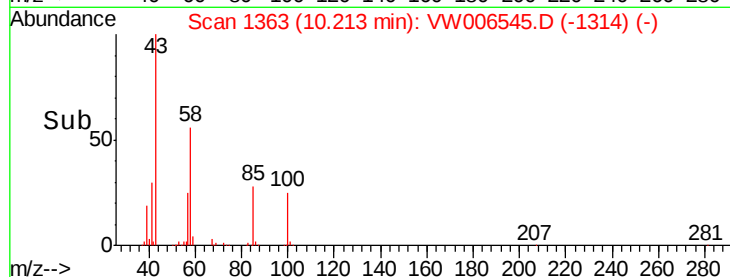
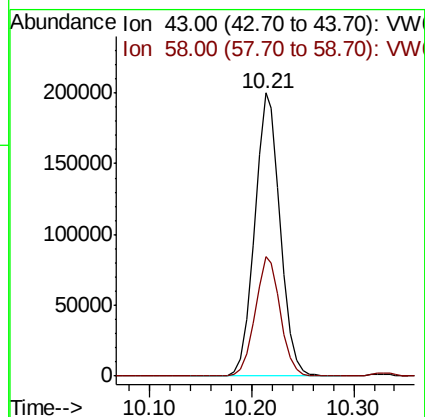
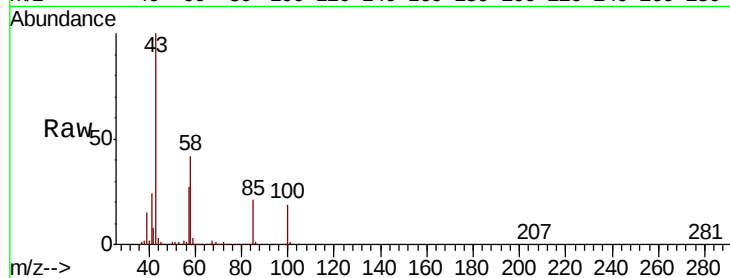
VSTDICCC050

Tgt Ion: 43 Resp: 347669

Ion Ratio Lower Upper

43 100

58 41.7 33.4 50.0



#52

Toluene

Concen: 47.993 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006545.D

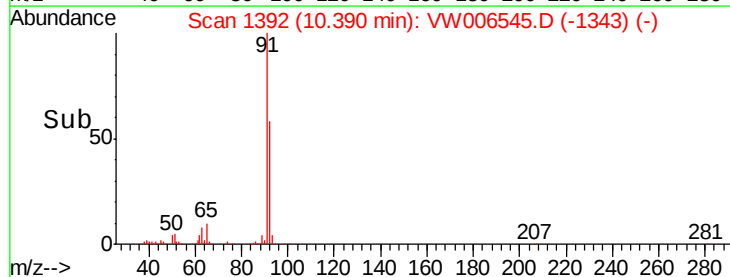
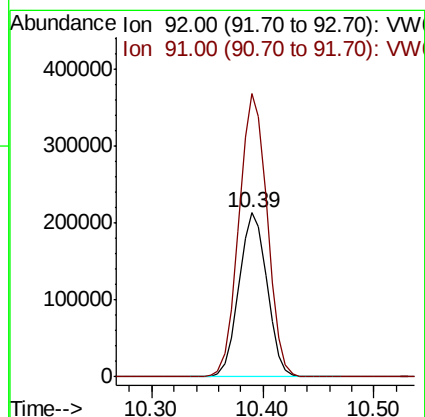
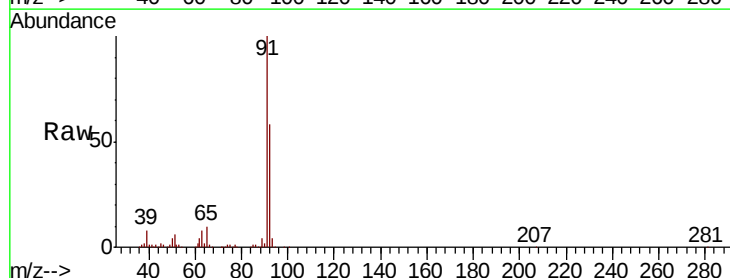
Acq: 01 Nov 2018 00:47

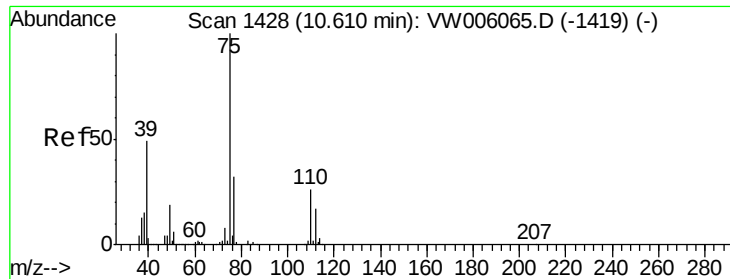
Tgt Ion: 92 Resp: 372452

Ion Ratio Lower Upper

92 100

91 173.3 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 46.946 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Instrument :

MSVOA_W

ClientSampleId :

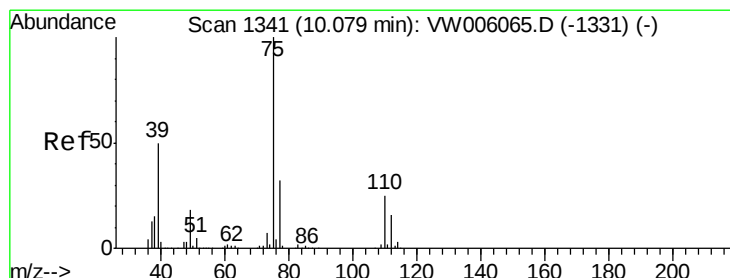
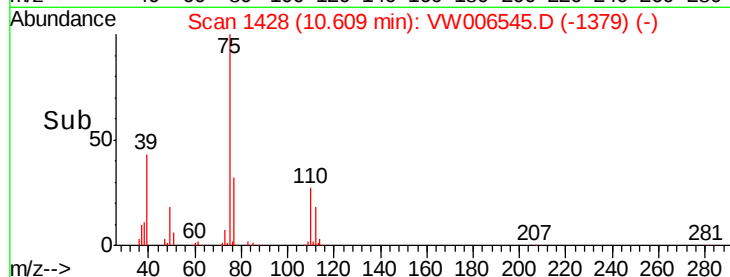
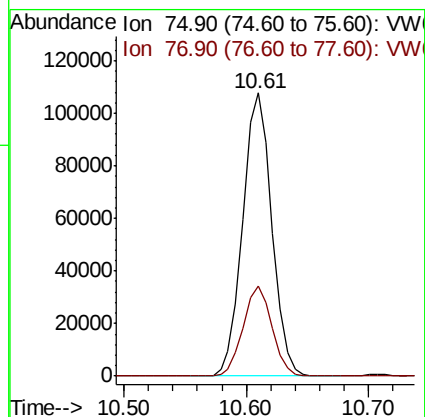
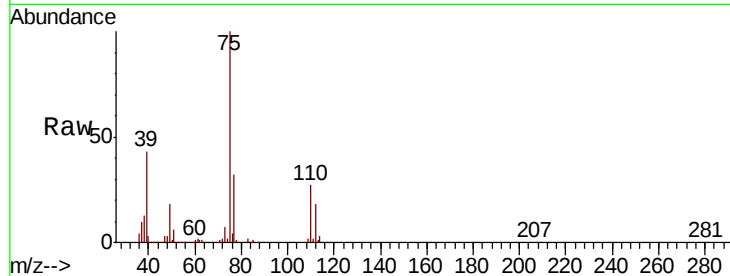
VSTDICCC050

Tgt Ion: 75 Resp: 177545

Ion Ratio Lower Upper

75 100

77 32.0 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 47.320 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

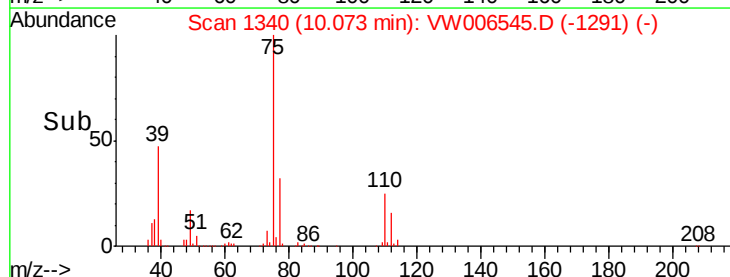
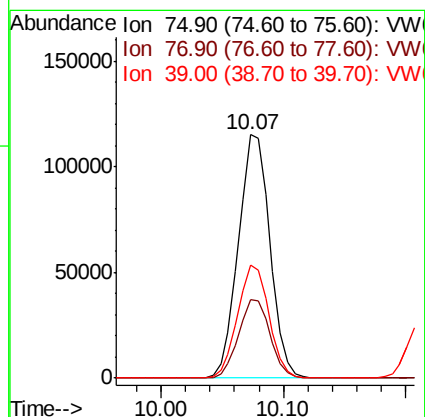
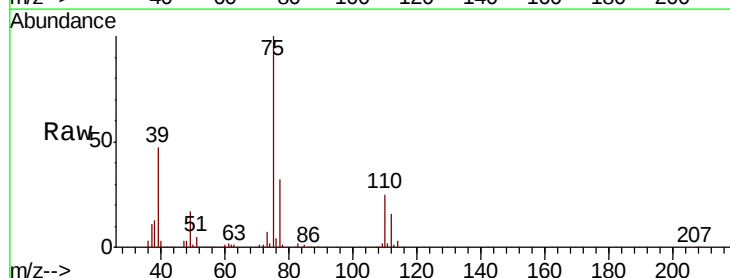
Tgt Ion: 75 Resp: 205868

Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5

39 46.6 37.3 55.9





#55

1,1,2-Trichloroethane

Concen: 48.373 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 107021

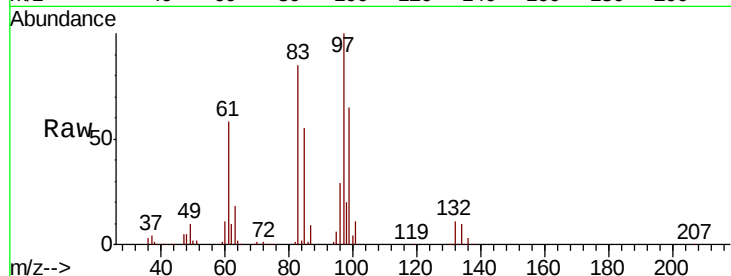
Ion Ratio Lower Upper

97 100

83 84.9 67.9 101.9

85 55.0 44.0 66.0

99 65.2 52.2 78.2

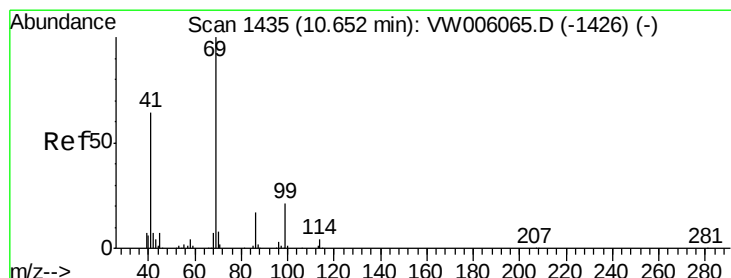
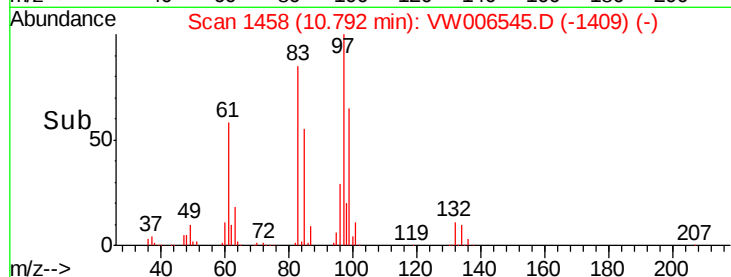
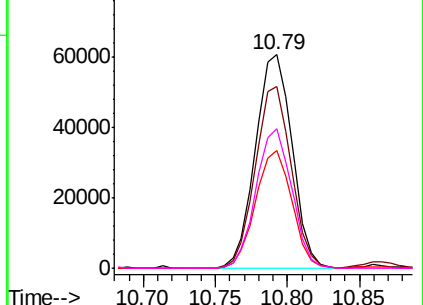


Abundance Ion 96.90 (96.60 to 97.60): VW

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: 46.812 ug/l

RT: 10.65 min Scan# 1435

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

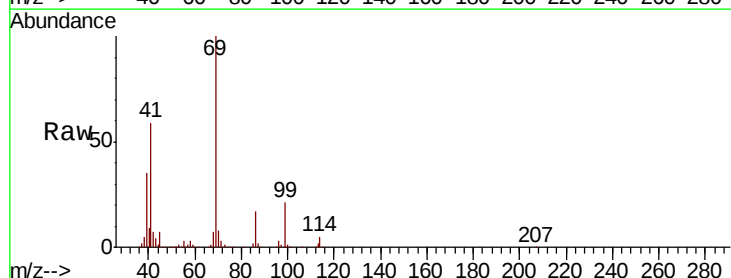
Tgt Ion: 69 Resp: 126108

Ion Ratio Lower Upper

69 100

41 59.3 47.4 71.2

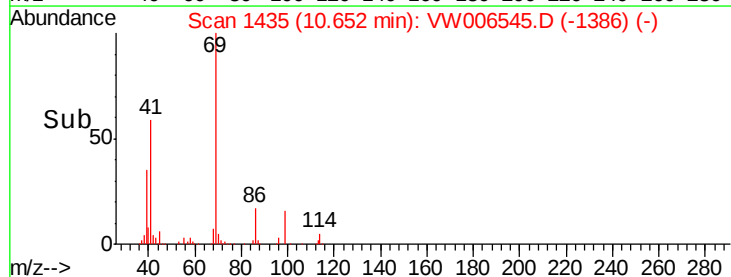
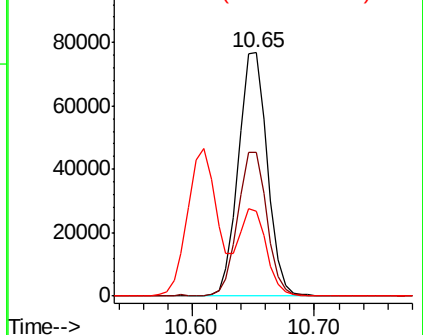
39 31.6 25.3 37.9



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

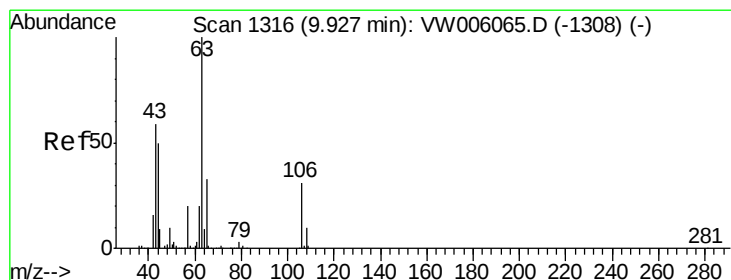
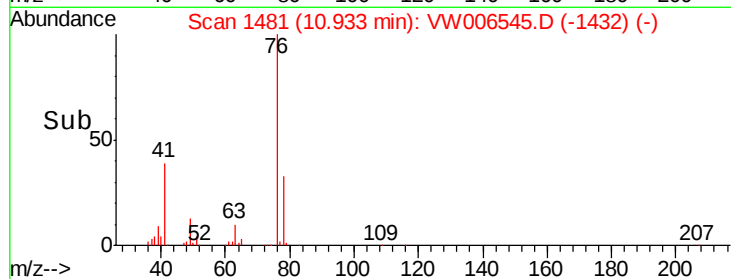
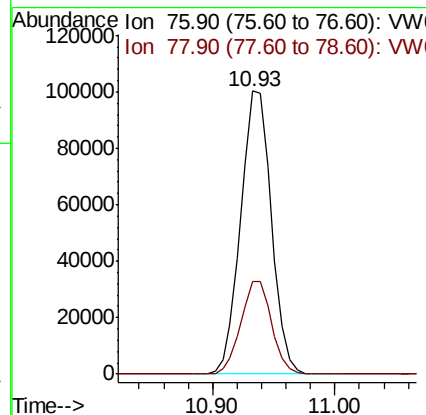
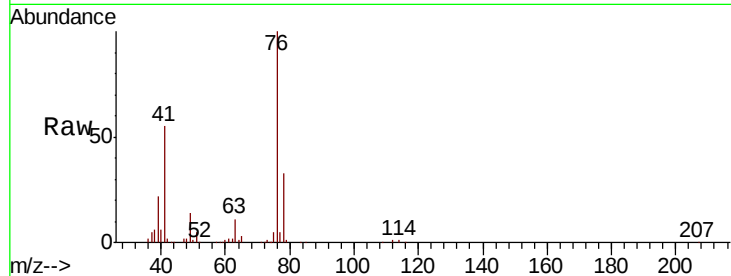




#57
 1,3-Dichloropropane
 Concen: 47.808 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006545.D
 Acq: 01 Nov 2018 00:47

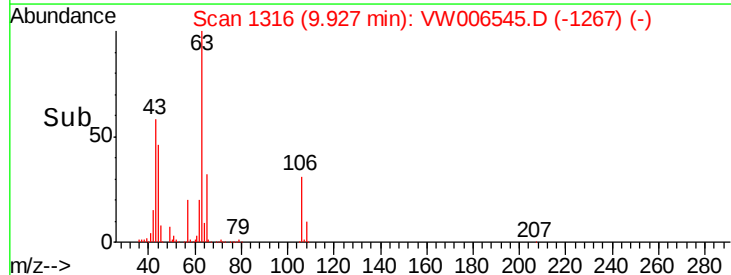
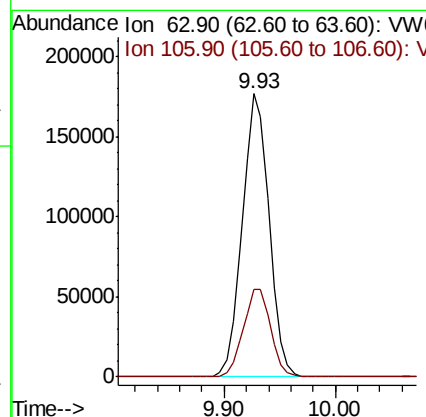
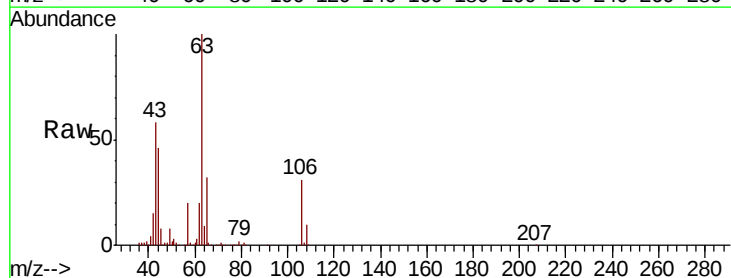
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

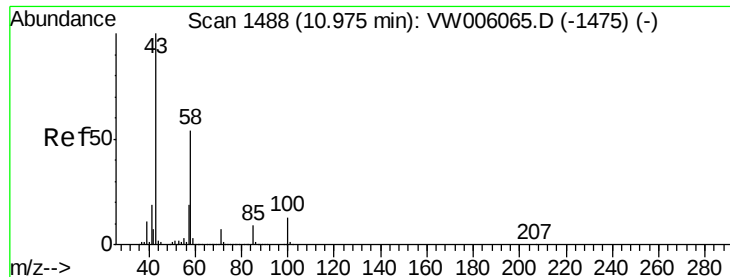
Tgt Ion: 76 Resp: 174572
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 274.426 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006545.D
 Acq: 01 Nov 2018 00:47

Tgt Ion: 63 Resp: 293721
 Ion Ratio Lower Upper
 63 100
 106 31.8 25.4 38.2

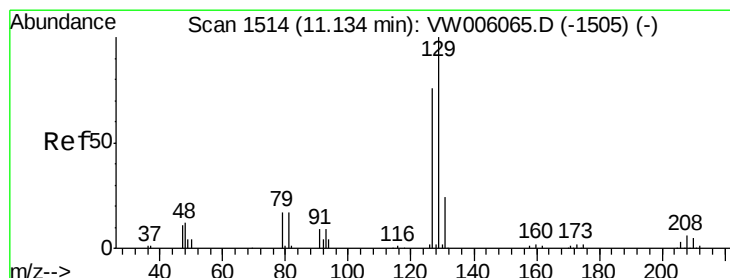
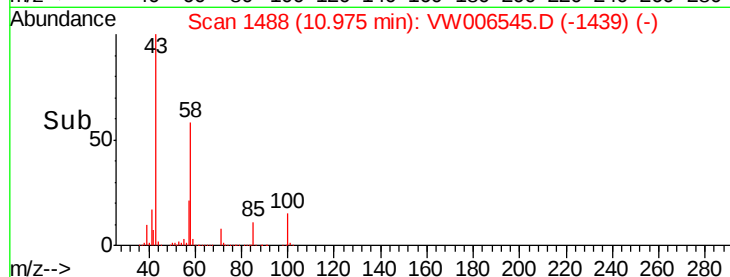
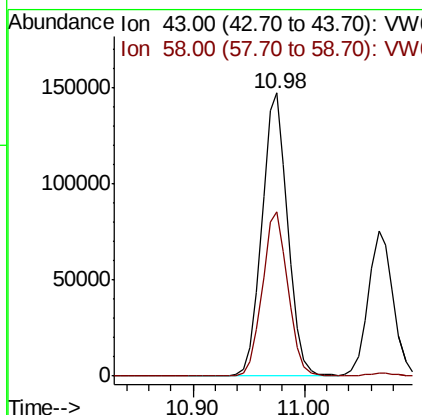
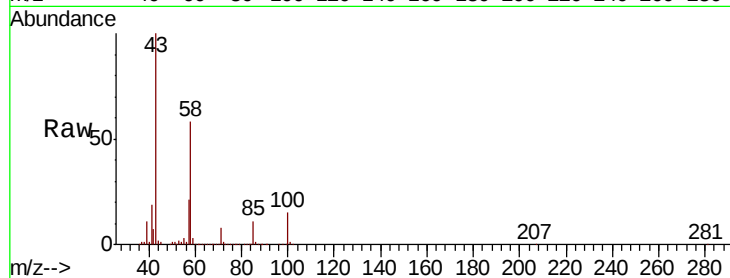




#59
2-Hexanone
Concen: 211.170 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

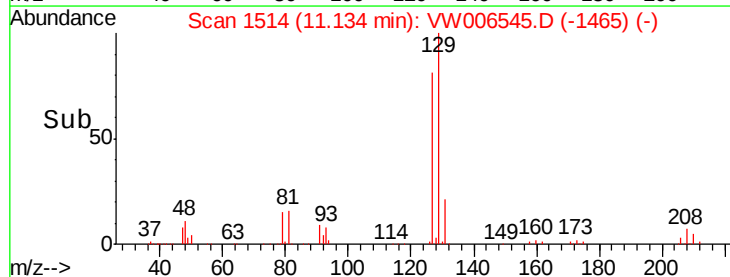
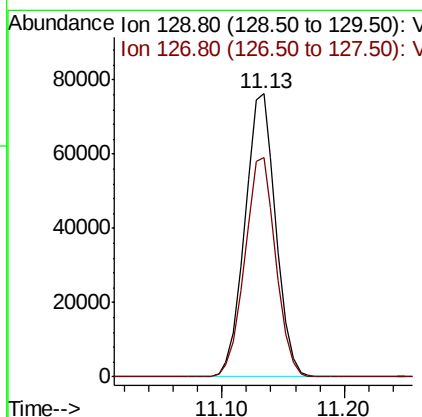
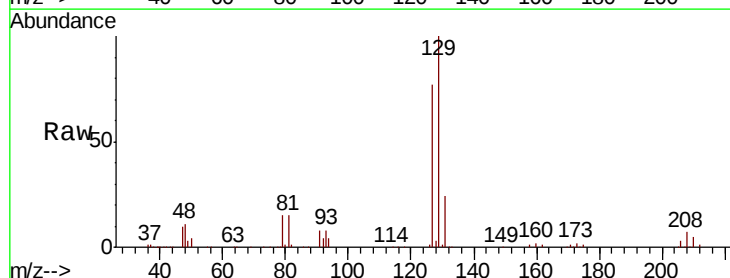
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

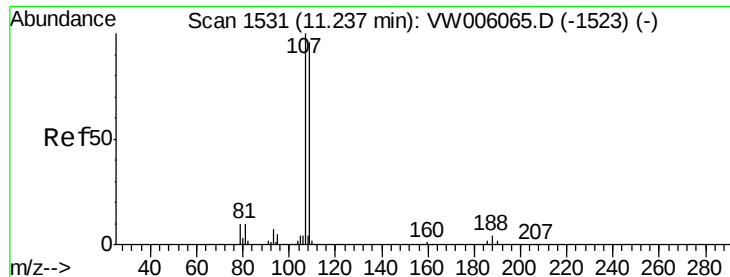
Tgt Ion: 43 Resp: 237784
Ion Ratio Lower Upper
43 100
58 57.6 28.8 86.4



#60
Dibromochloromethane
Concen: 48.632 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Tgt Ion: 129 Resp: 133402
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.3





#61

1,2-Dibromoethane

Concen: 48.967 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Instrument :

MSVOA_W

ClientSampleId :

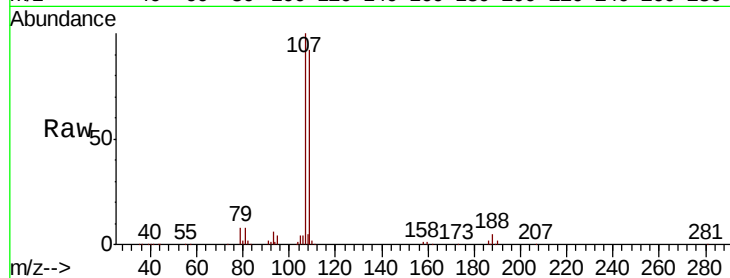
VSTDICCC050

Tgt Ion: 107 Resp: 108188

Ion Ratio Lower Upper

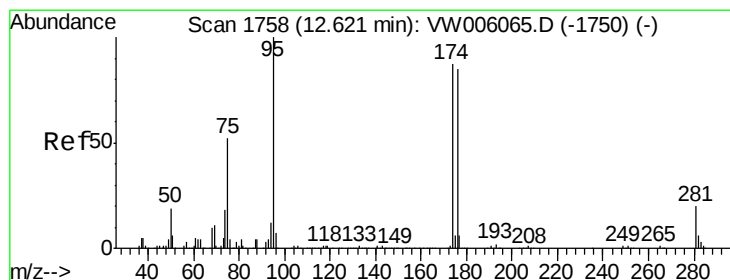
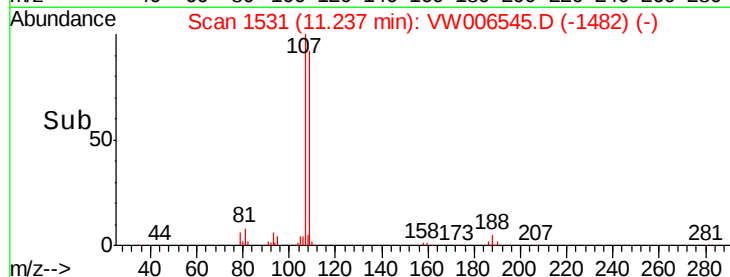
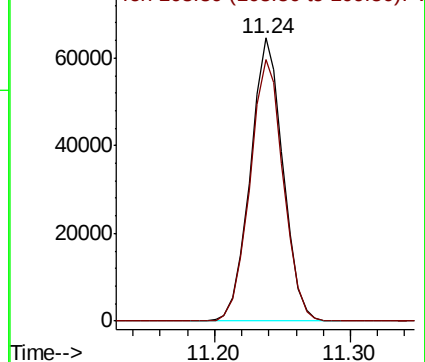
107 100

109 94.7 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.970 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

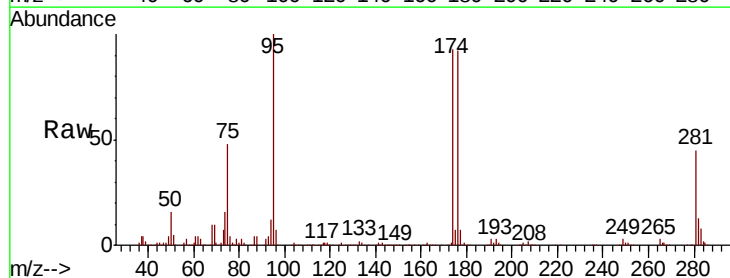
Tgt Ion: 95 Resp: 202427

Ion Ratio Lower Upper

95 100

174 96.2 0.0 192.4

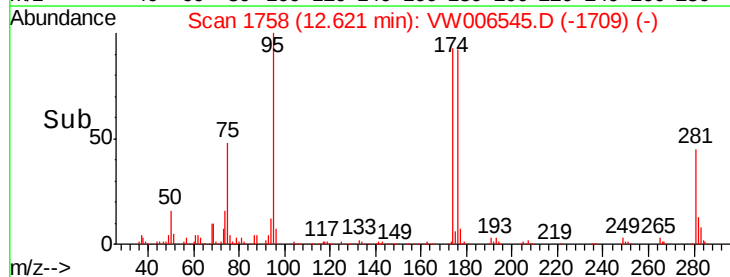
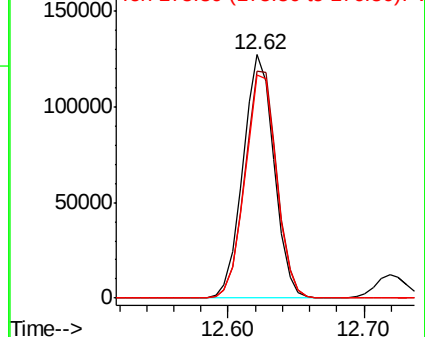
176 93.7 0.0 187.4

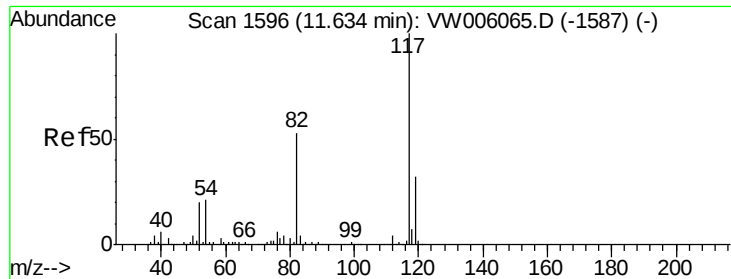


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

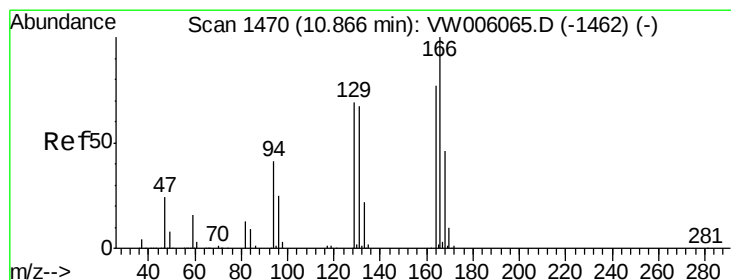
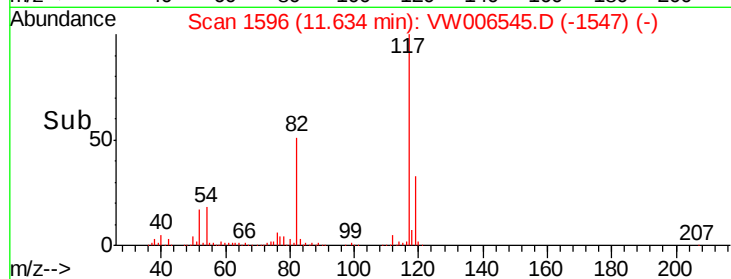
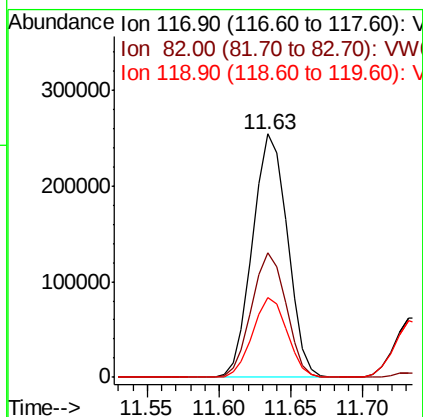
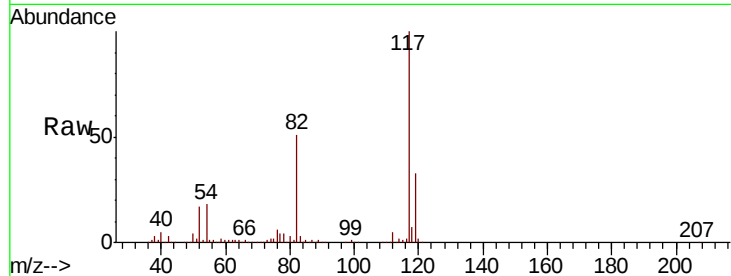




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

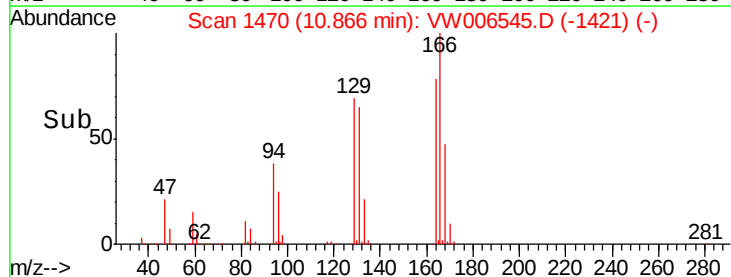
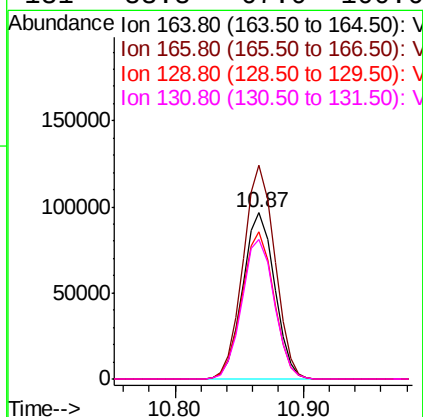
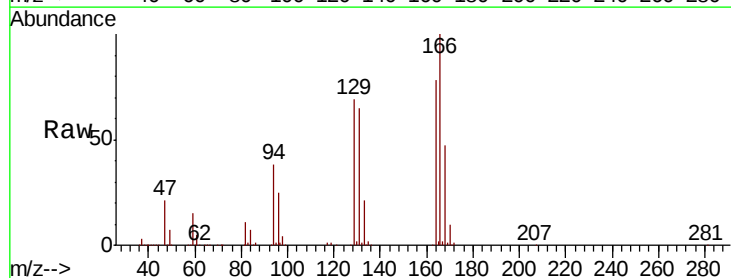
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

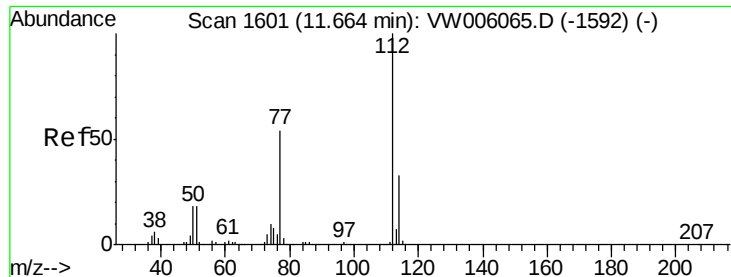
Tgt Ion:117 Resp: 427764
Ion Ratio Lower Upper
117 100
82 51.0 40.8 61.2
119 32.6 26.1 39.1



#64
Tetrachloroethene
Concen: 49.454 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Tgt Ion:164 Resp: 165493
Ion Ratio Lower Upper
164 100
166 128.5 102.8 154.2
129 88.6 70.9 106.3
131 83.8 67.0 100.6

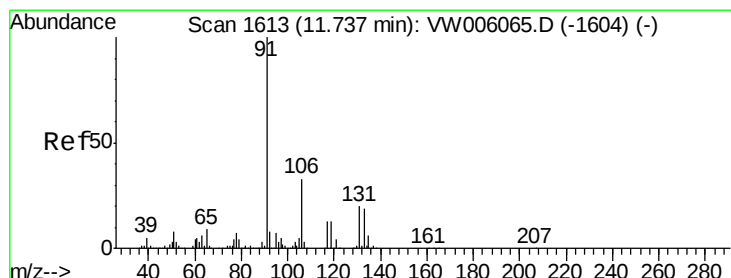
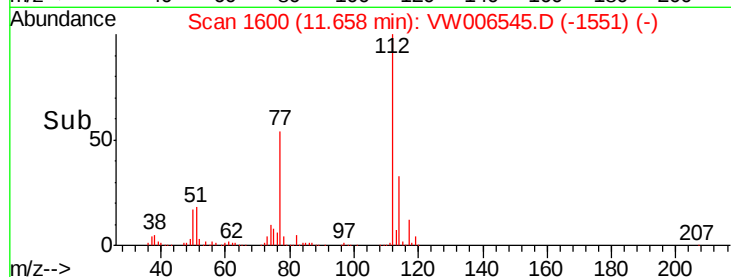
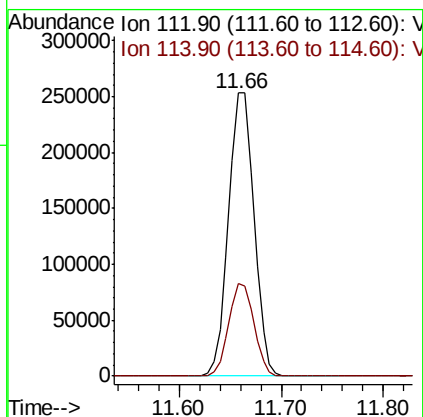
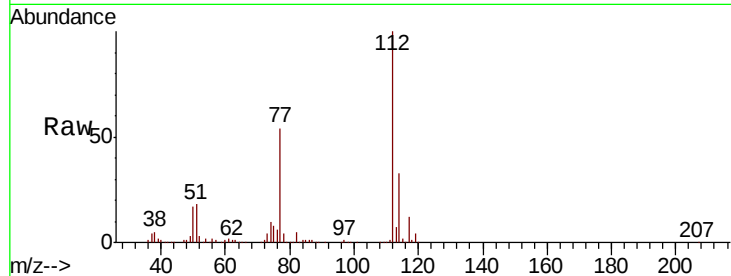




#65
Chlorobenzene
Concen: 47.773 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

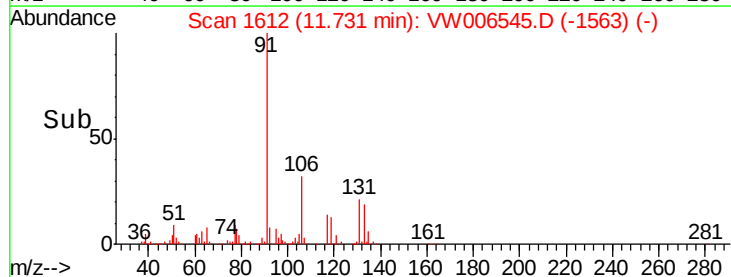
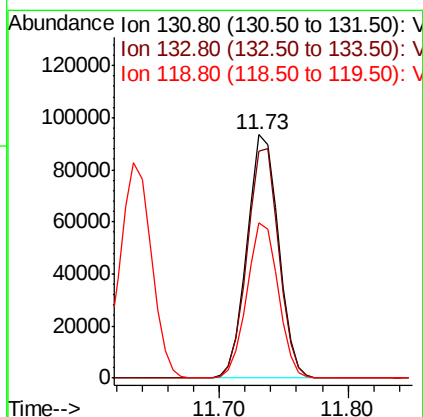
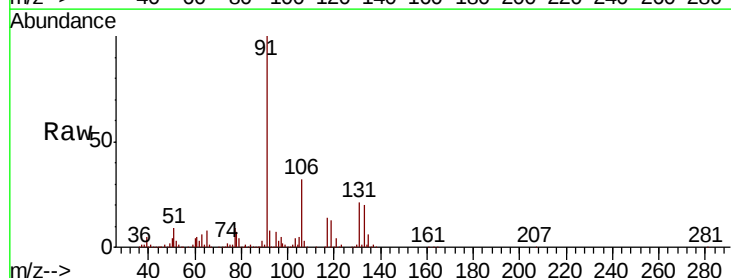
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

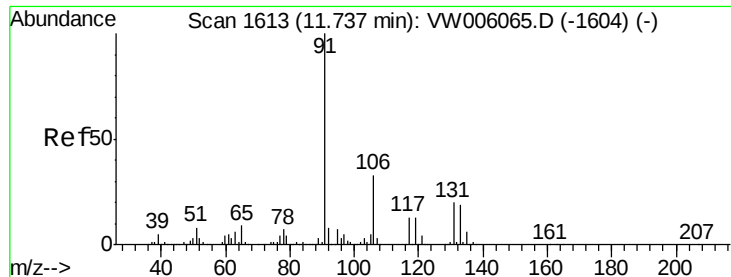
Tgt Ion:112 Resp: 437996
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 48.404 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Tgt Ion:131 Resp: 157239
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.5
119 63.7 31.9 95.5

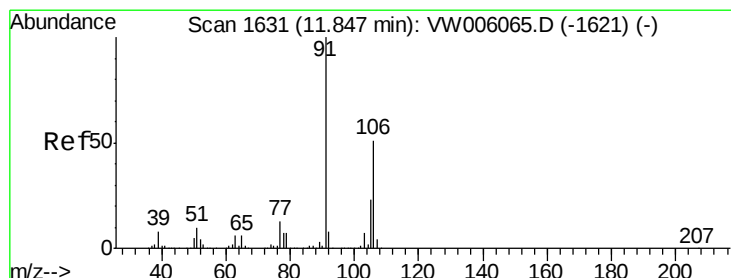
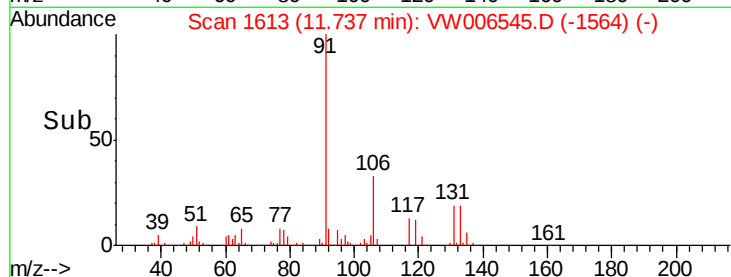
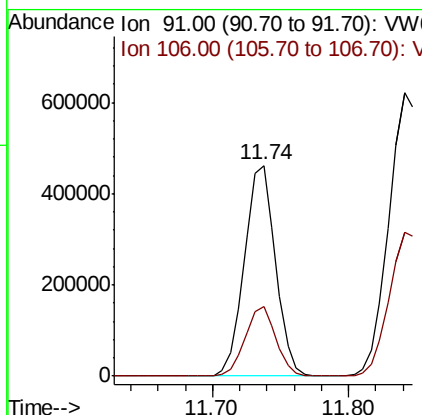
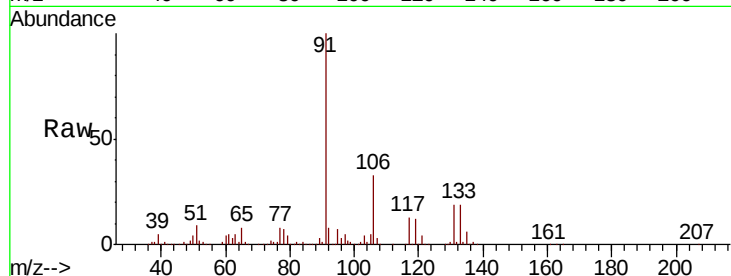




#67
Ethyl Benzene
Concen: 46.808 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

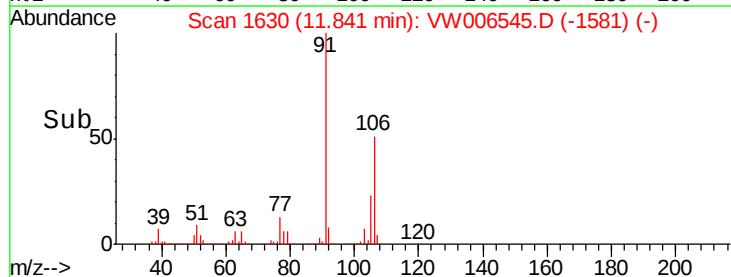
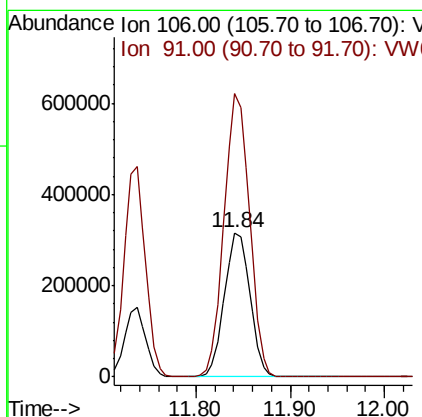
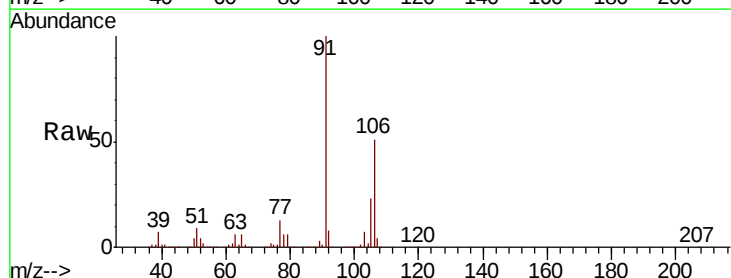
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 739595
Ion Ratio Lower Upper
91 100
106 32.9 26.3 39.5



#68
m/p-Xylenes
Concen: 95.120 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Tgt Ion: 106 Resp: 595255
Ion Ratio Lower Upper
106 100
91 195.9 156.7 235.1

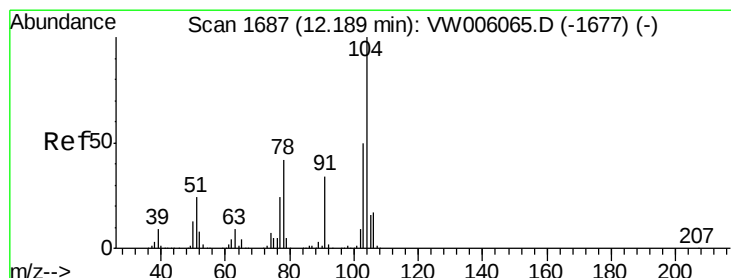
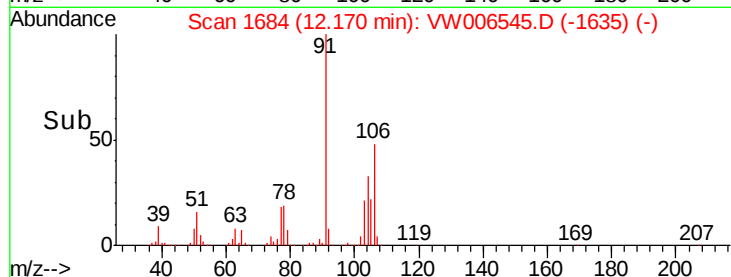
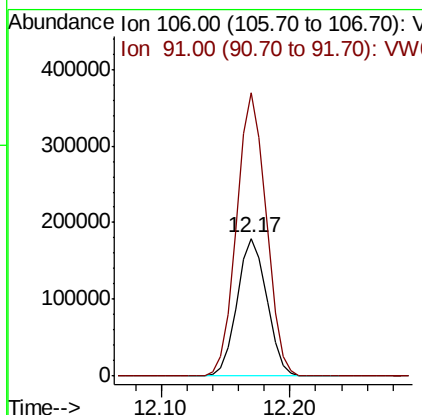
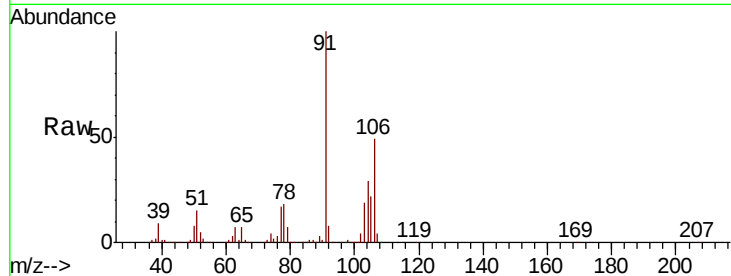




#69
o-Xylene
Concen: 47.794 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

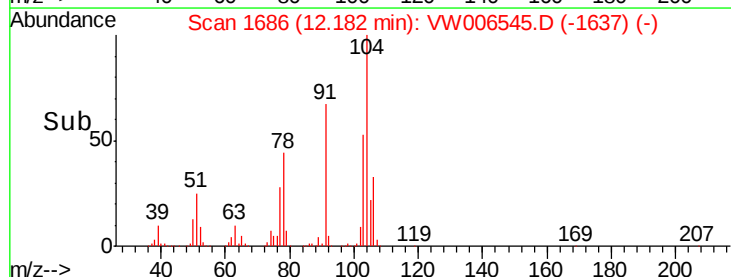
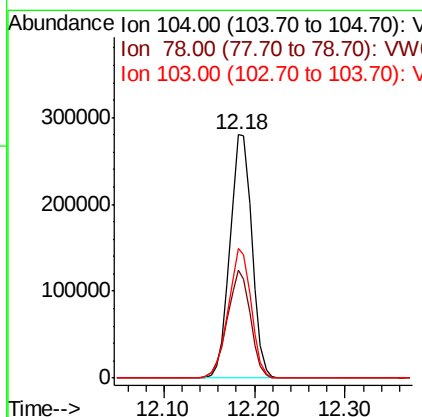
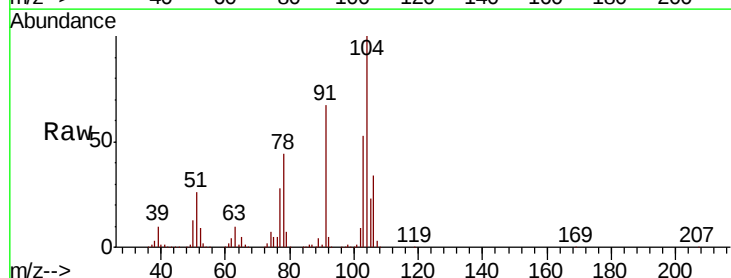
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

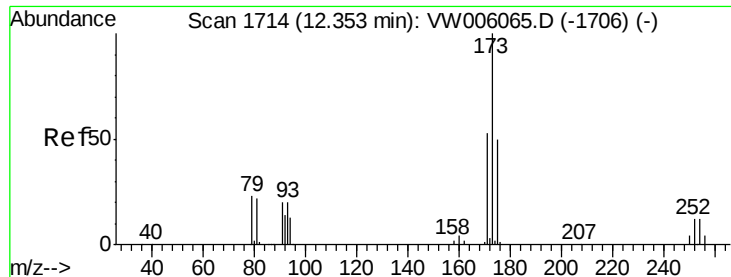
Tgt Ion:106 Resp: 285165
Ion Ratio Lower Upper
106 100
91 205.6 102.8 308.4



#70
Styrene
Concen: 48.521 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Tgt Ion:104 Resp: 471272
Ion Ratio Lower Upper
104 100
78 46.5 37.2 55.8
103 55.2 44.2 66.2





#71

Bromoform

Concen: 47.250 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

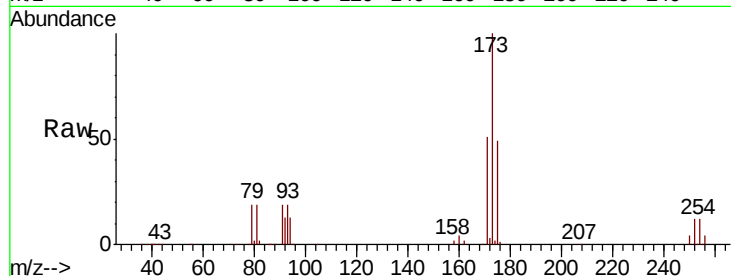
Tgt Ion:173 Resp: 84924

Ion Ratio Lower Upper

173 100

175 48.3 24.1 72.4

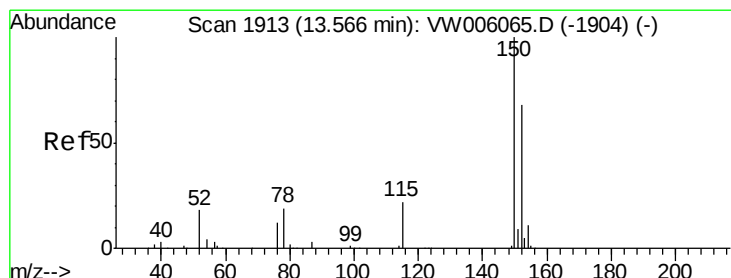
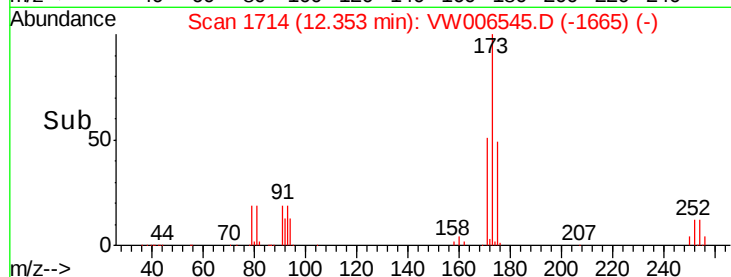
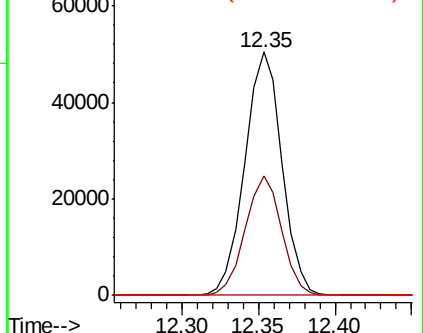
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

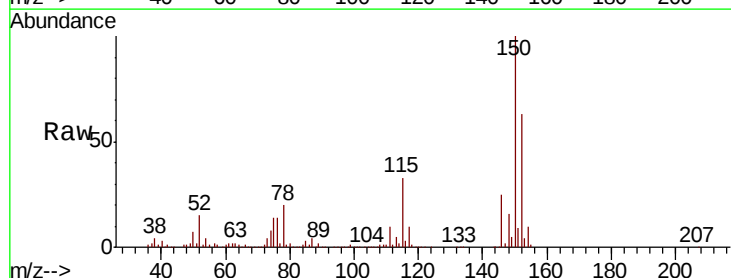
Tgt Ion:152 Resp: 243518

Ion Ratio Lower Upper

152 100

115 53.2 26.6 79.8

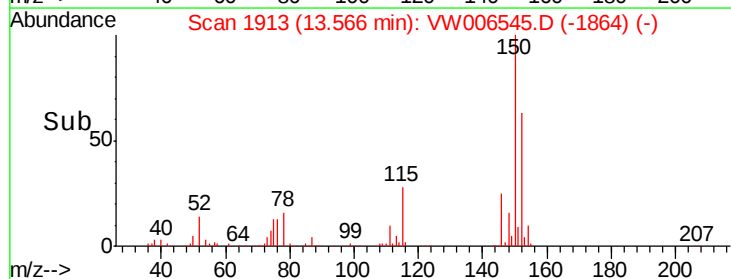
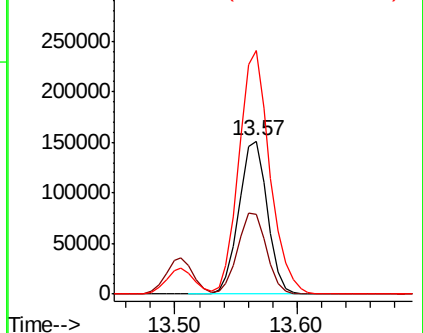
150 172.3 0.0 344.6

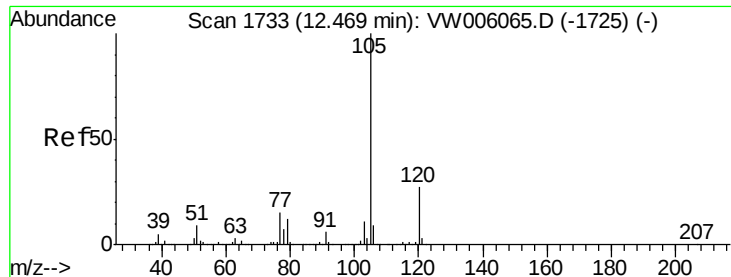


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 45.788 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Instrument :

MSVOA_W

ClientSampleId :

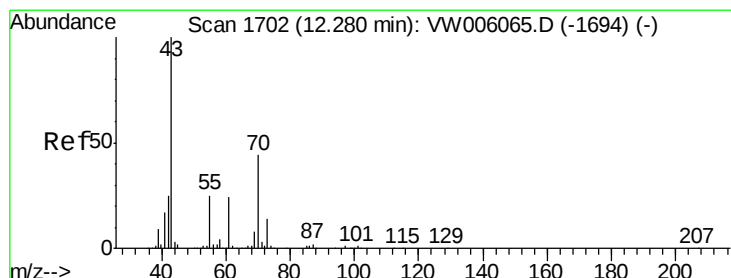
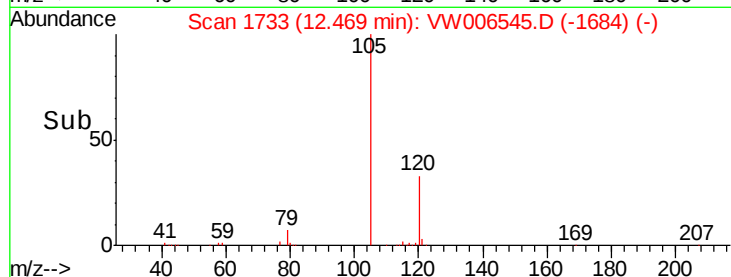
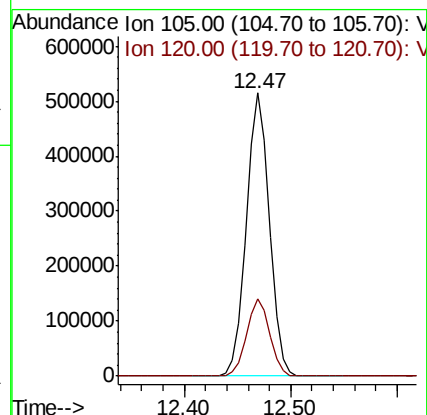
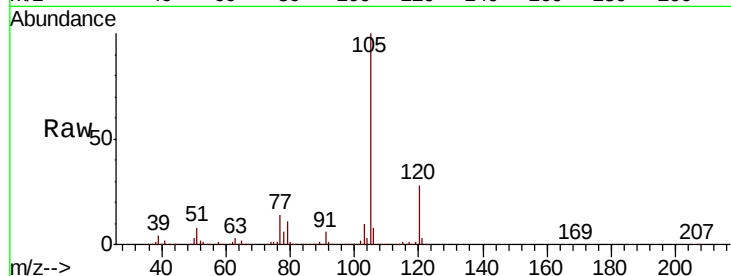
VSTDICCC050

Tgt Ion: 105 Resp: 781892

Ion Ratio Lower Upper

105 100

120 27.4 13.7 41.1



#74

N-ethyl acetate

Concen: 41.337 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Tgt Ion: 43 Resp: 134732

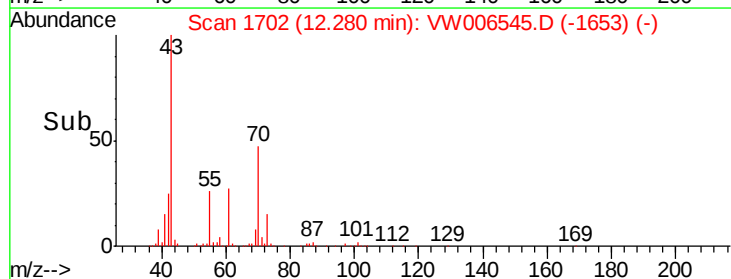
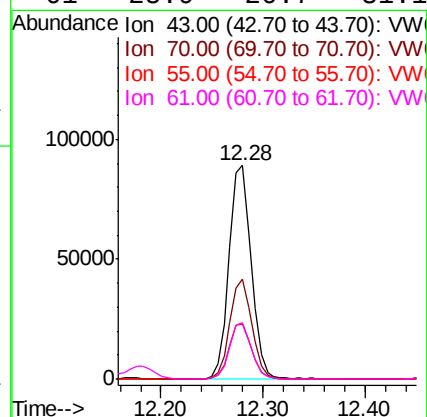
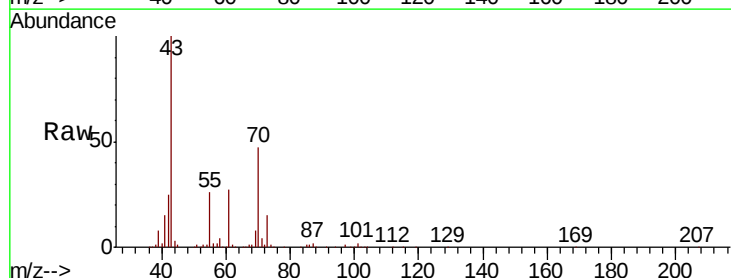
Ion Ratio Lower Upper

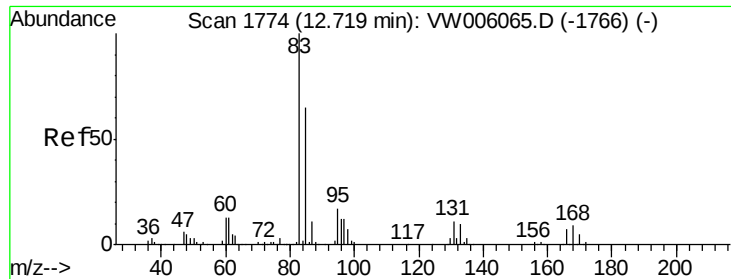
43 100

70 46.1 36.9 55.3

55 25.9 20.7 31.1

61 25.9 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 46.542 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

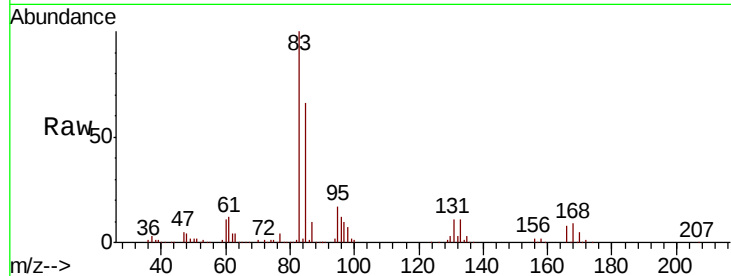
Tgt Ion: 83 Resp: 120911

Ion Ratio Lower Upper

83 100

131 11.8 5.9 17.7

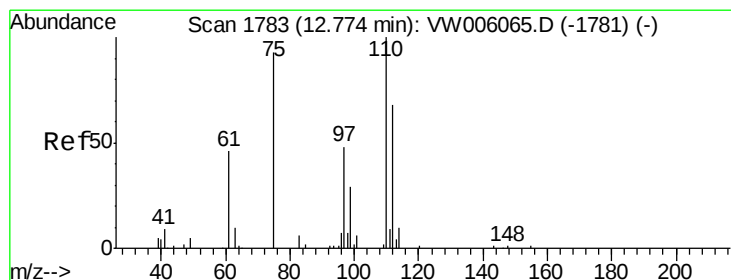
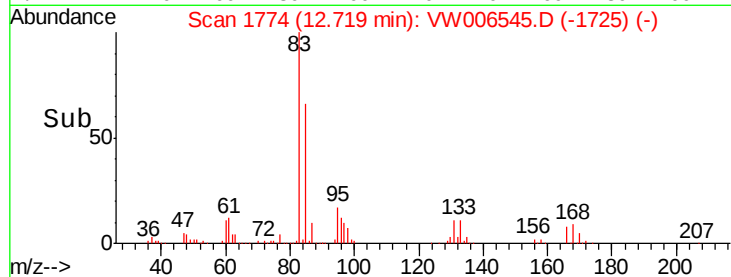
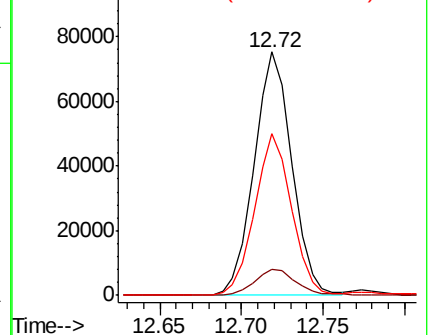
85 64.5 32.3 96.8



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: 80.897 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW006545.D

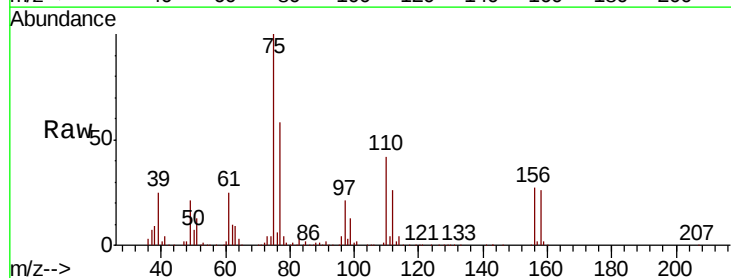
Acq: 01 Nov 2018 00:47

Tgt Ion: 75 Resp: 152446

Ion Ratio Lower Upper

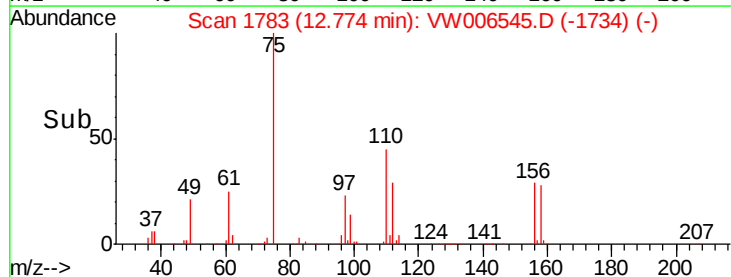
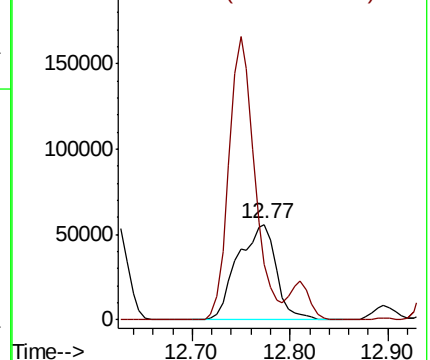
75 100

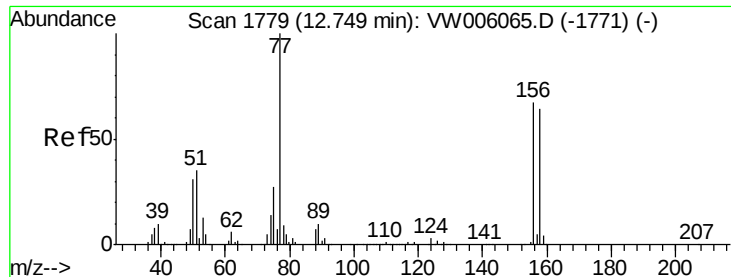
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 47.682 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

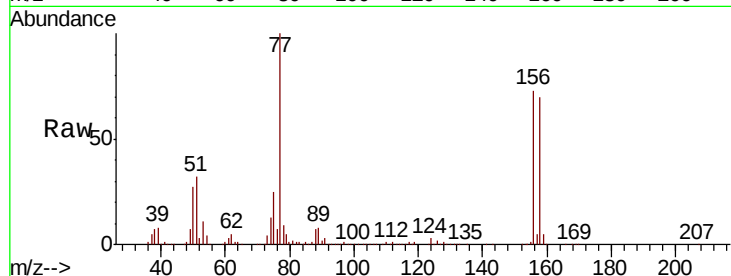
Tgt Ion: 156 Resp: 200684

Ion Ratio Lower Upper

156 100

77 151.9 75.9 227.8

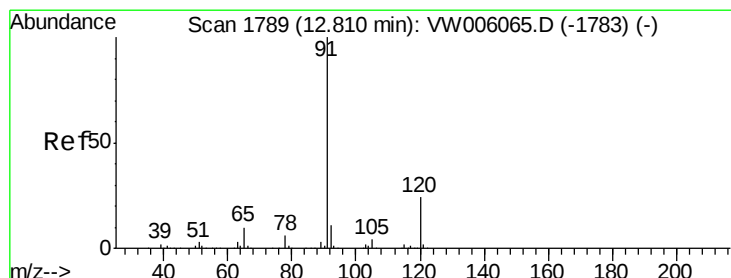
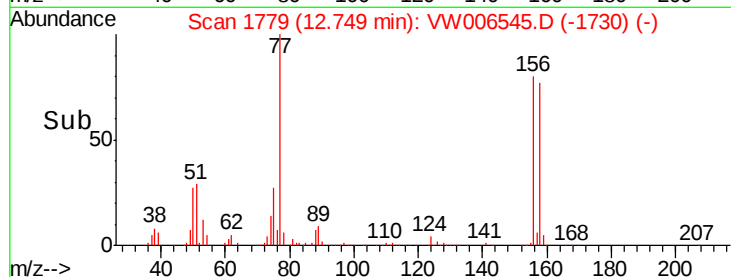
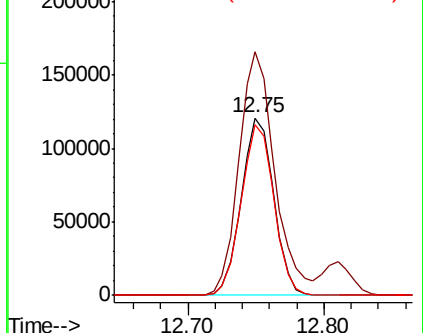
158 97.3 48.6 145.9



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: 45.420 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006545.D

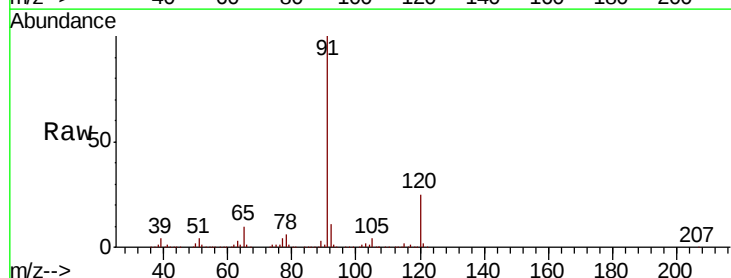
Acq: 01 Nov 2018 00:47

Tgt Ion: 91 Resp: 899639

Ion Ratio Lower Upper

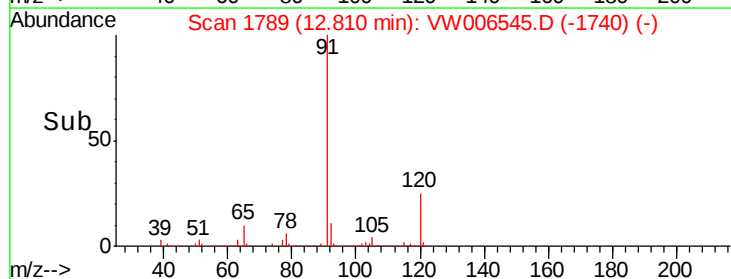
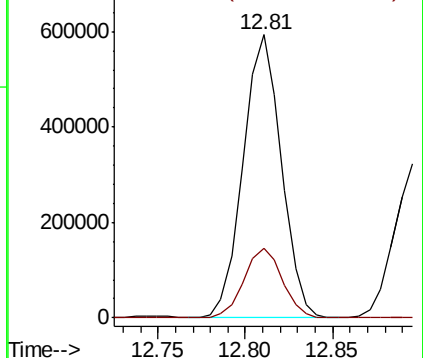
91 100

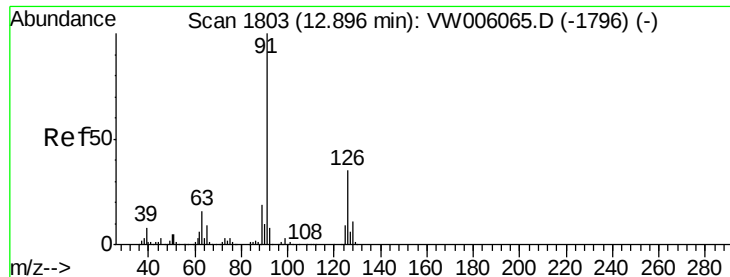
120 24.7 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.975 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Instrument :

MSVOA_W

ClientSampleId :

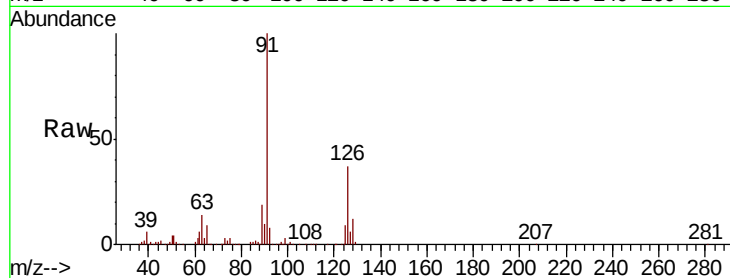
VSTDICCC050

Tgt Ion: 91 Resp: 512101

Ion Ratio Lower Upper

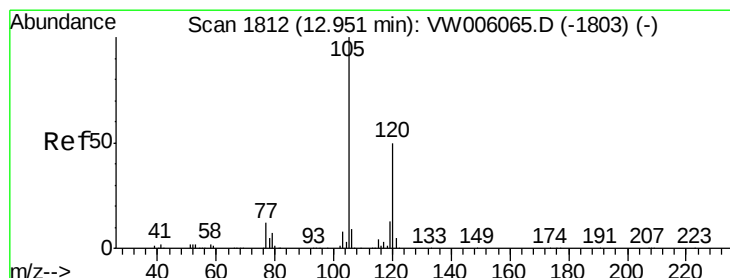
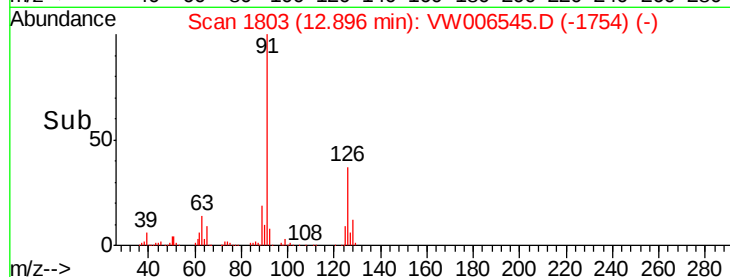
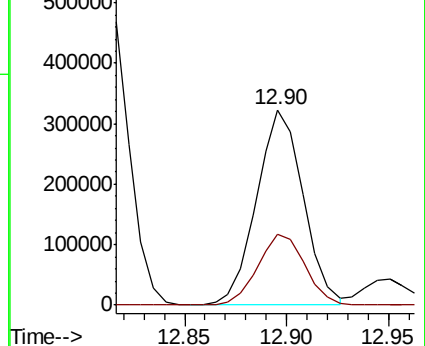
91 100

126 37.0 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 46.090 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006545.D

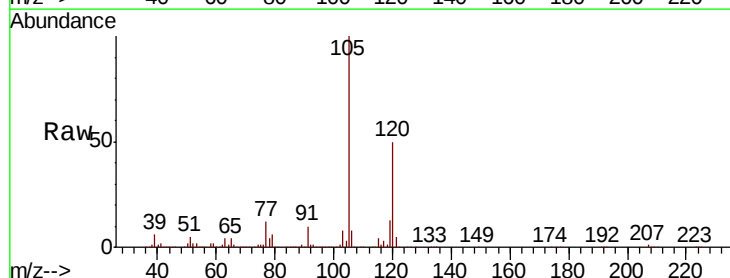
Acq: 01 Nov 2018 00:47

Tgt Ion: 105 Resp: 662527

Ion Ratio Lower Upper

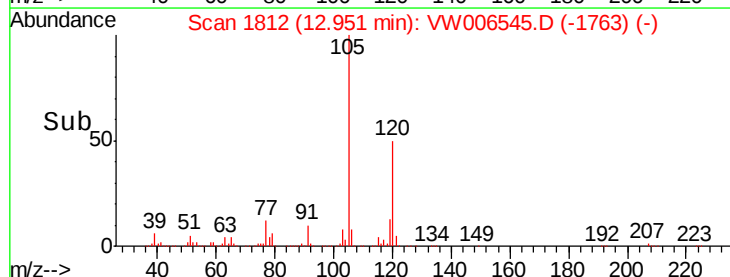
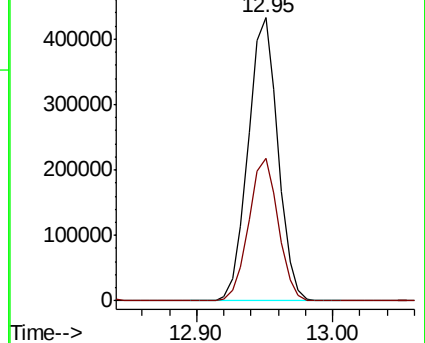
105 100

120 50.2 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 43.816 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

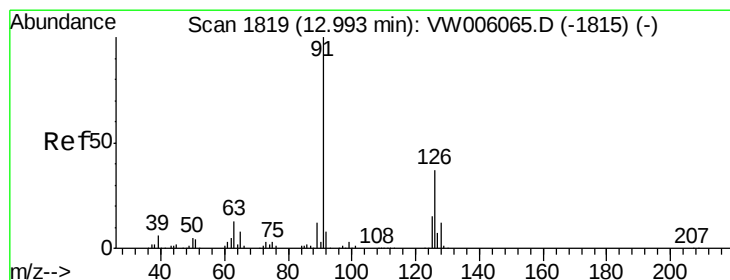
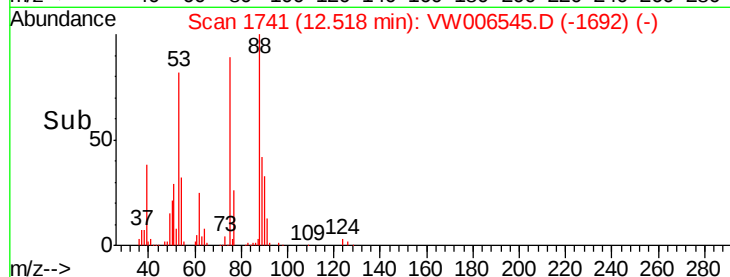
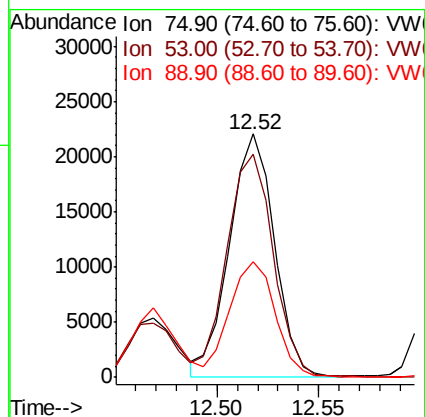
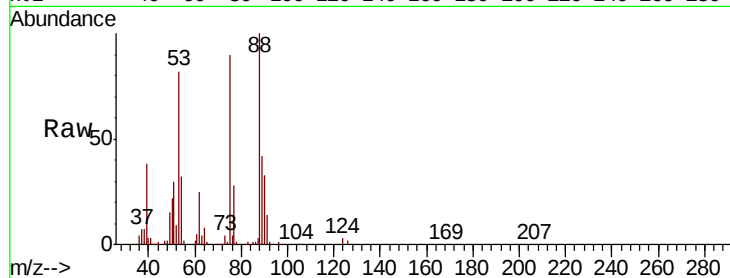
Tgt Ion: 75 Resp: 33428

Ion Ratio Lower Upper

75 100

53 96.5 77.2 115.8

89 48.3 38.6 58.0



#82

4-Chlorotoluene

Concen: 46.589 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW006545.D

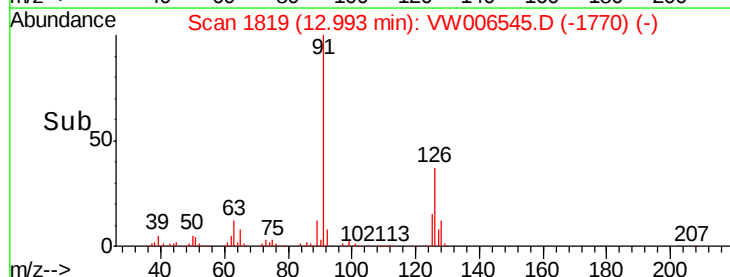
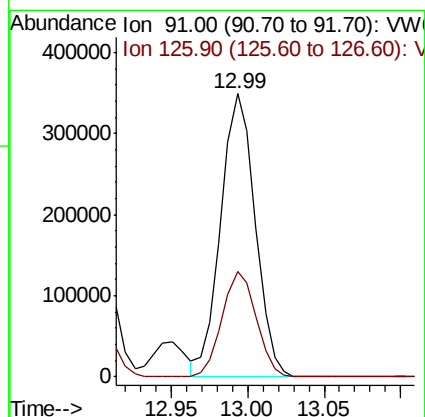
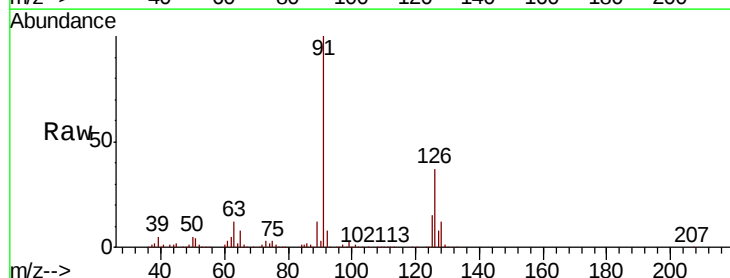
Acq: 01 Nov 2018 00:47

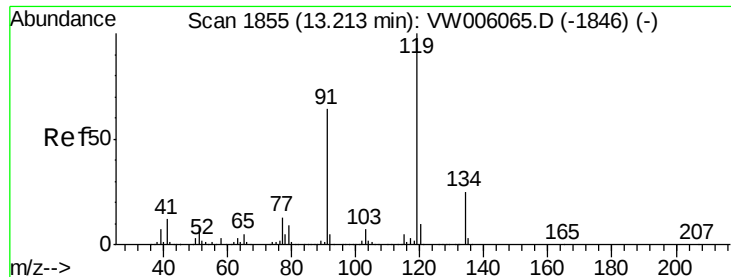
Tgt Ion: 91 Resp: 545700

Ion Ratio Lower Upper

91 100

126 37.0 18.5 55.5

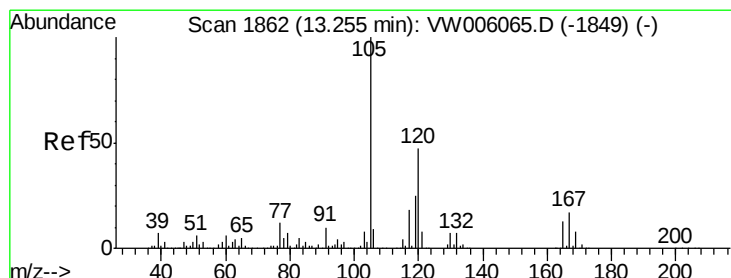
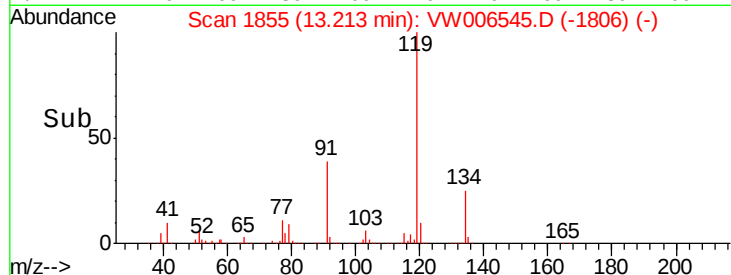
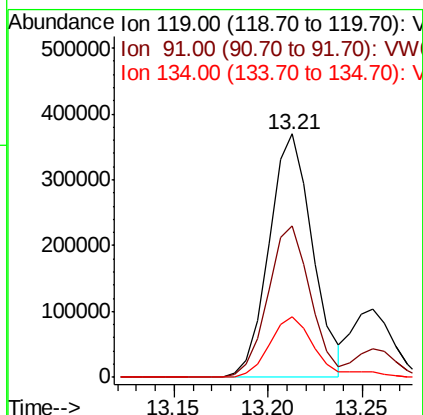
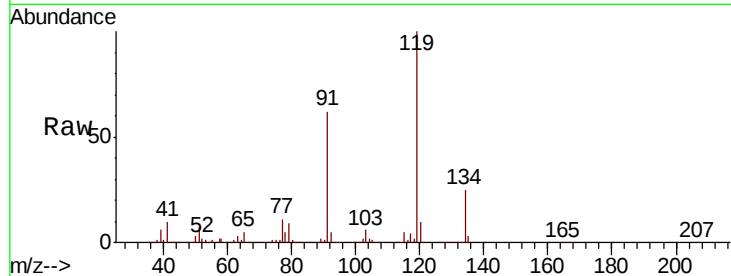




#83
tert-Butylbenzene
Concen: 45.846 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

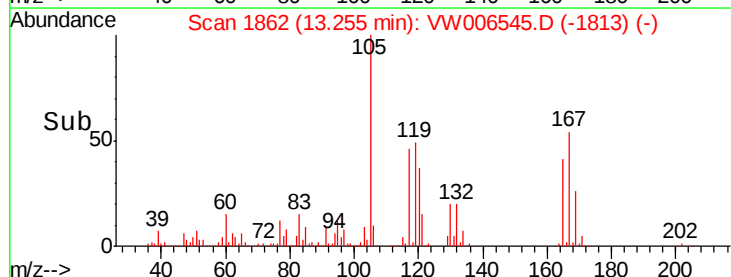
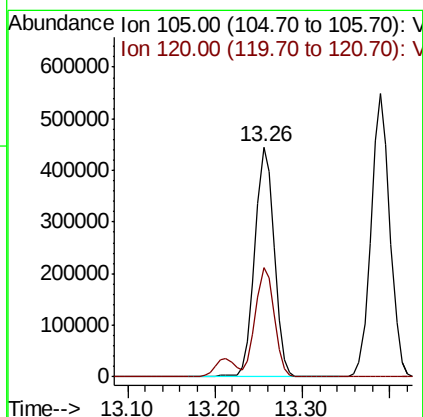
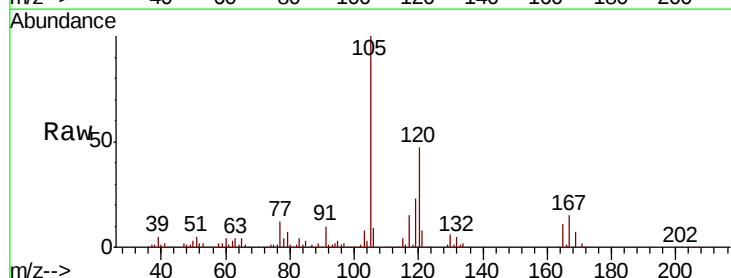
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

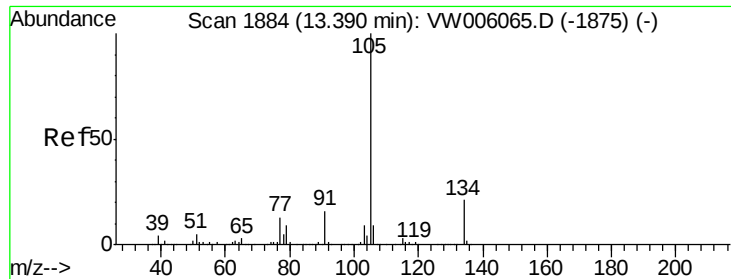
Tgt Ion:119 Resp: 589940
Ion Ratio Lower Upper
119 100
91 60.9 30.4 91.3
134 26.9 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 46.713 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Tgt Ion:105 Resp: 681525
Ion Ratio Lower Upper
105 100
120 46.4 23.2 69.6





#85

sec-Butylbenzene

Concen: 45.434 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Instrument :

MSVOA_W

ClientSampleId :

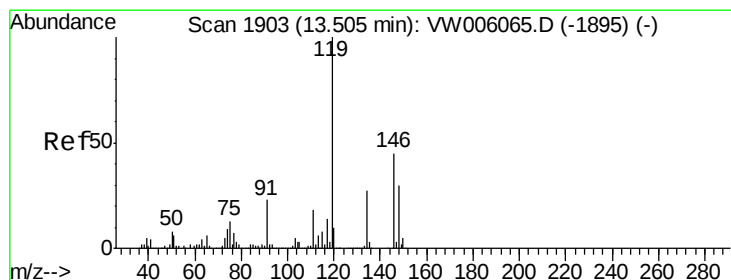
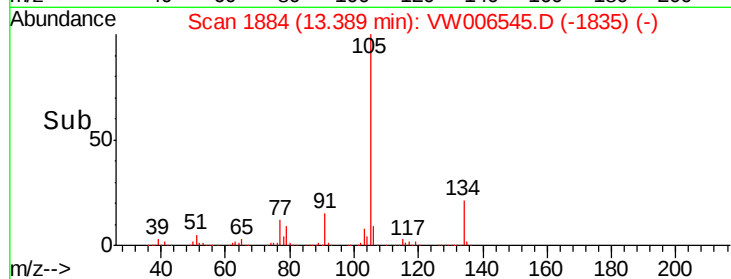
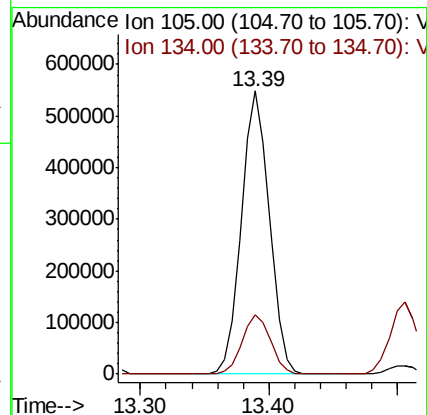
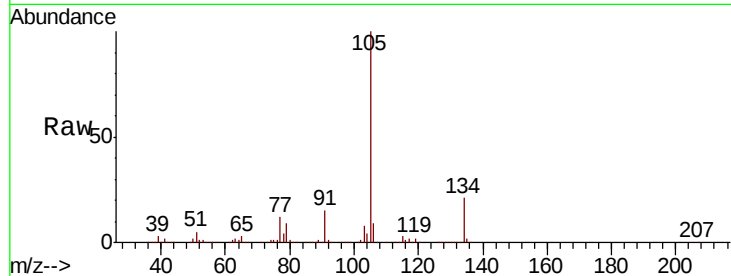
VSTDICCC050

Tgt Ion:105 Resp: 823514

Ion Ratio Lower Upper

105 100

134 21.2 10.6 31.8



#86

p-Isopropyltoluene

Concen: 46.085 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

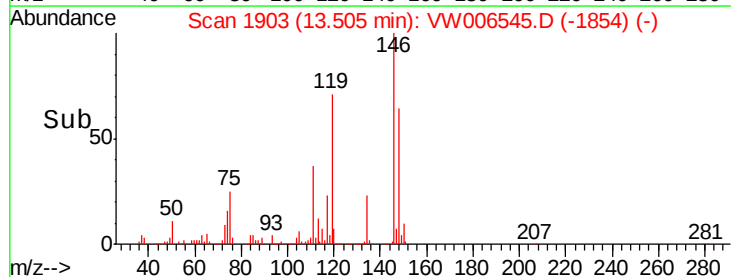
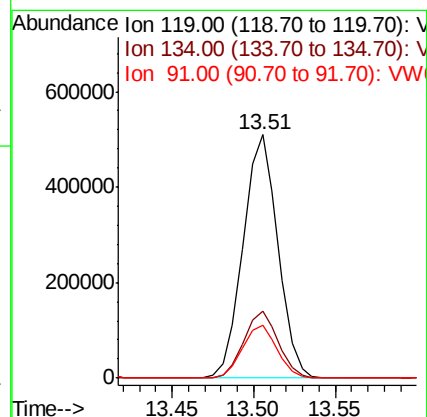
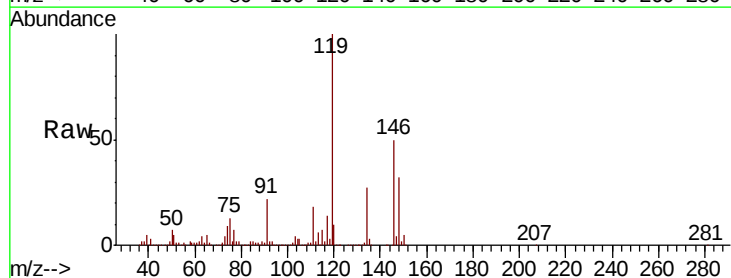
Tgt Ion:119 Resp: 756193

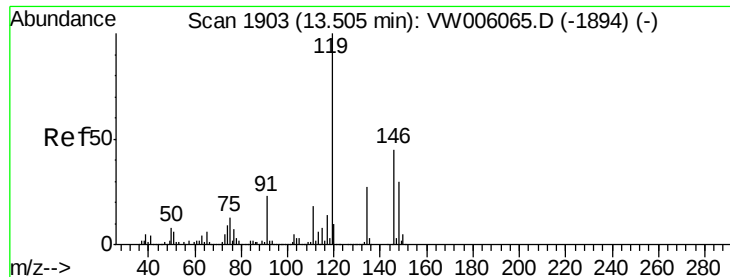
Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.7

91 21.7 10.9 32.6

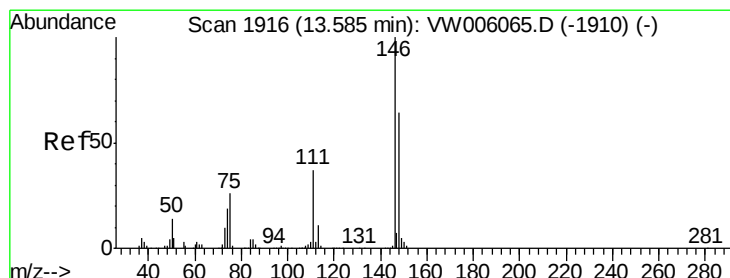
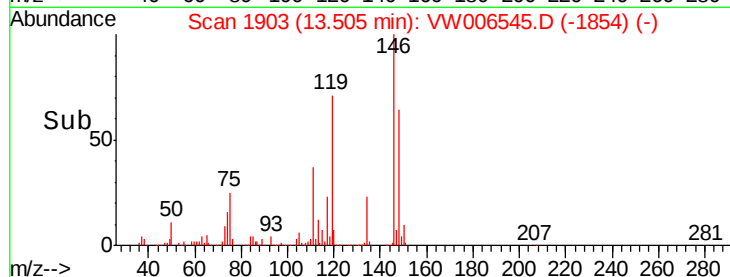
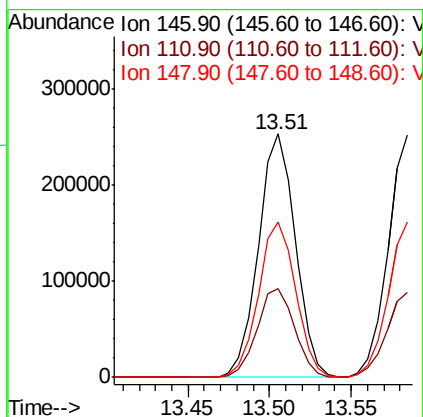
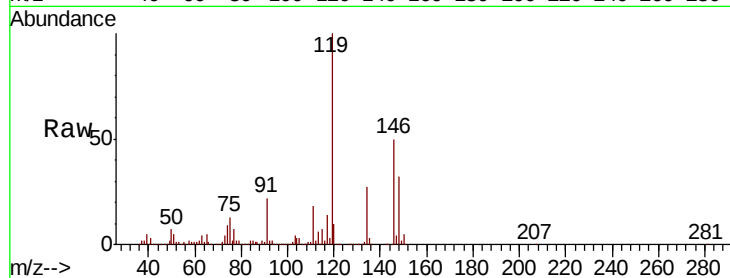




#87
 1,3-Dichlorobenzene
 Concen: 47.491 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006545.D
 Acq: 01 Nov 2018 00:47

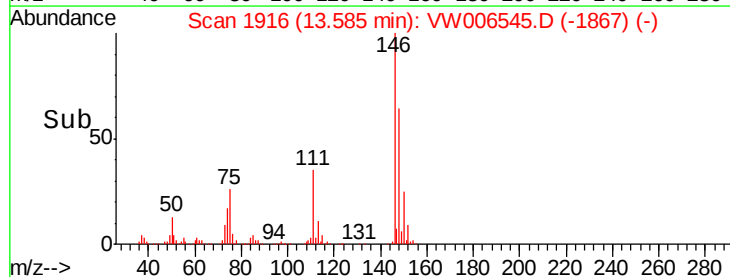
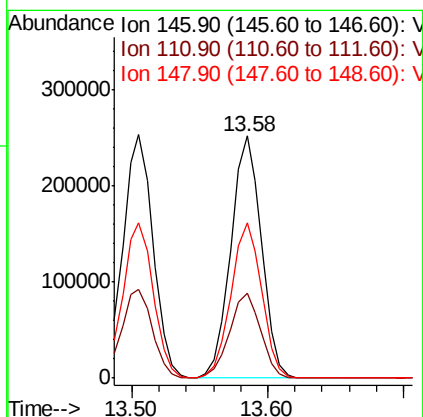
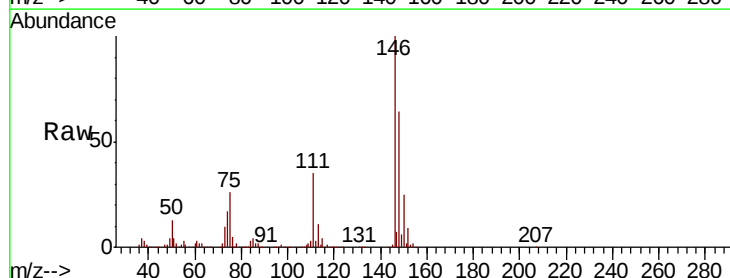
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

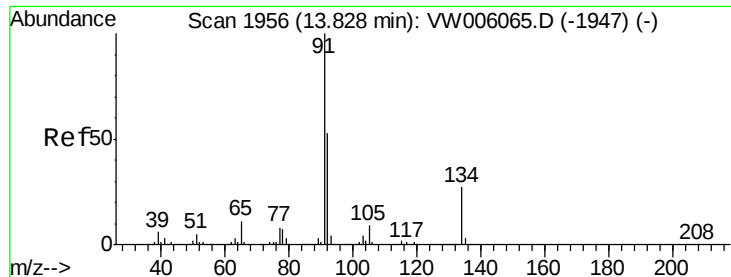
Tgt Ion:146 Resp: 397722
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.6 55.6
 148 64.2 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 47.176 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006545.D
 Acq: 01 Nov 2018 00:47

Tgt Ion:146 Resp: 393109
 Ion Ratio Lower Upper
 146 100
 111 35.8 17.9 53.7
 148 64.3 32.1 96.5





#89

n-Butylbenzene

Concen: 44.781 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

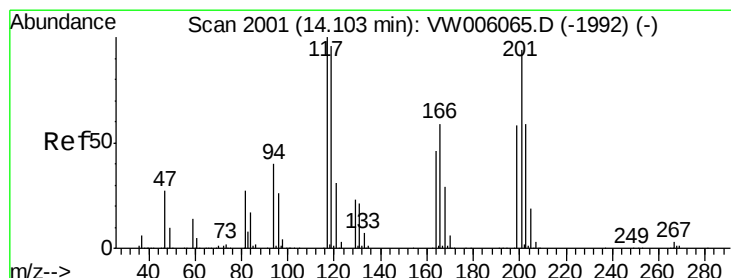
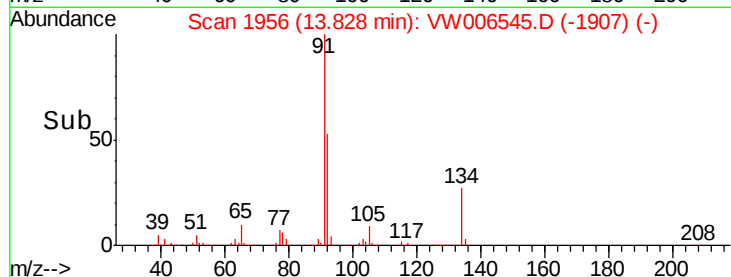
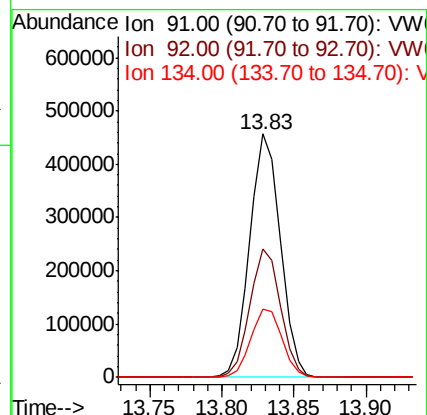
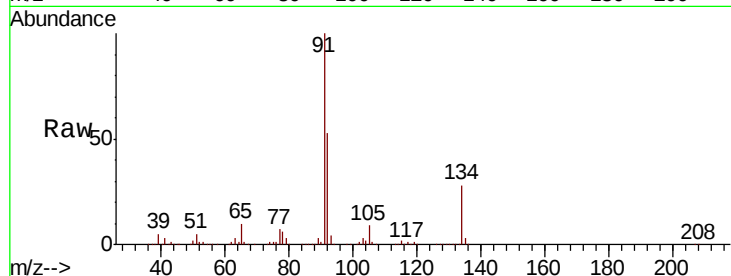
Tgt Ion: 91 Resp: 670139

Ion Ratio Lower Upper

91 100

92 52.7 26.4 79.0

134 28.6 14.3 42.9



#90

Hexachloroethane

Concen: 46.273 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW006545.D

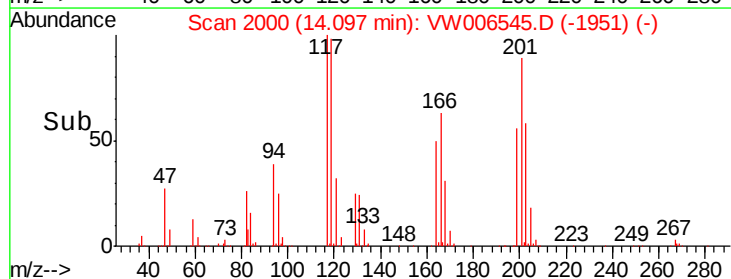
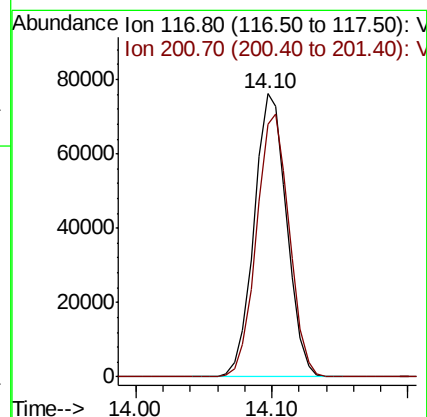
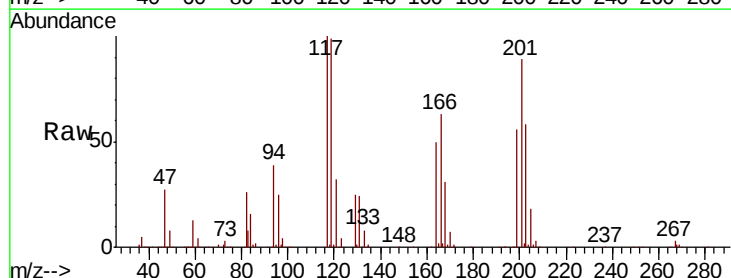
Acq: 01 Nov 2018 00:47

Tgt Ion: 117 Resp: 127971

Ion Ratio Lower Upper

117 100

201 93.5 46.8 140.3





#91

1,2-Dichlorobenzene

Concen: 47.529 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

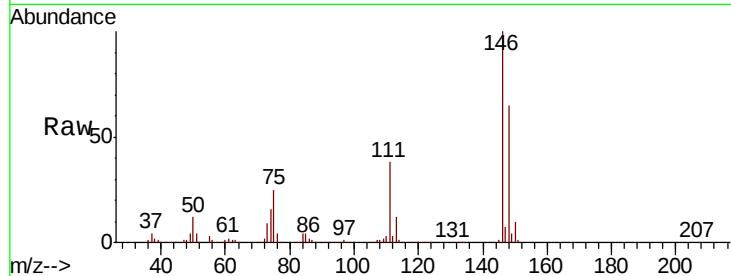
Tgt Ion:146 Resp: 355153

Ion Ratio Lower Upper

146 100

111 38.3 19.1 57.5

148 64.0 32.0 96.0

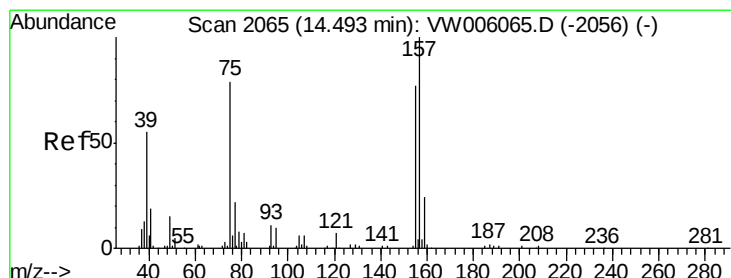
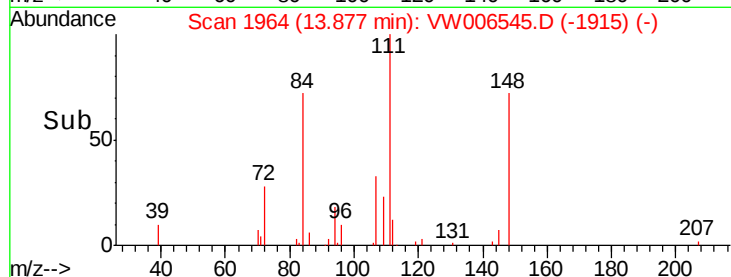
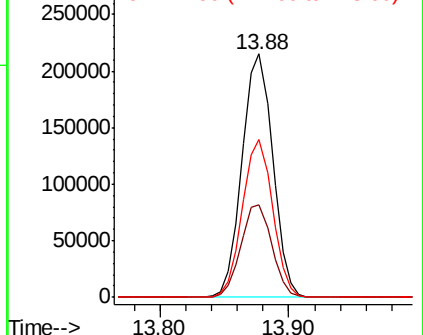


Abundance

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: 42.535 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

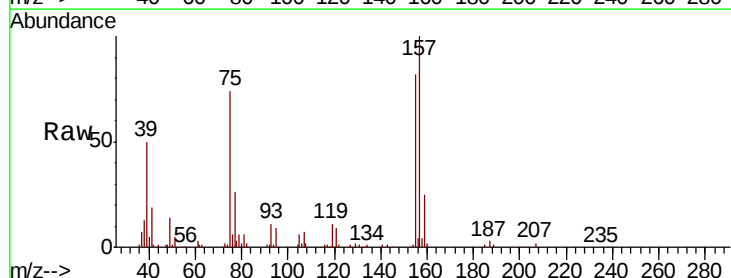
Tgt Ion: 75 Resp: 19491

Ion Ratio Lower Upper

75 100

155 101.2 50.6 151.8

157 130.0 65.0 195.0

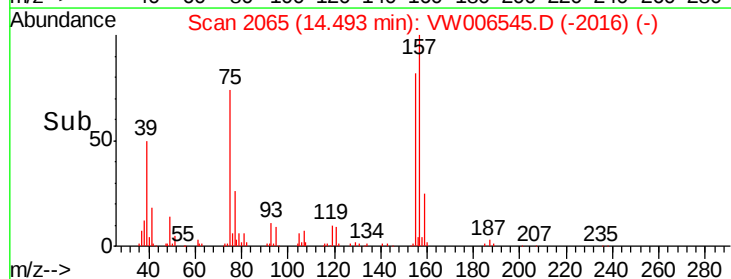
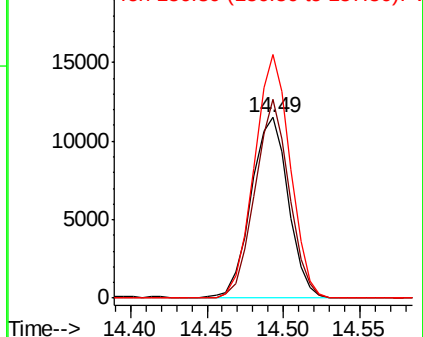


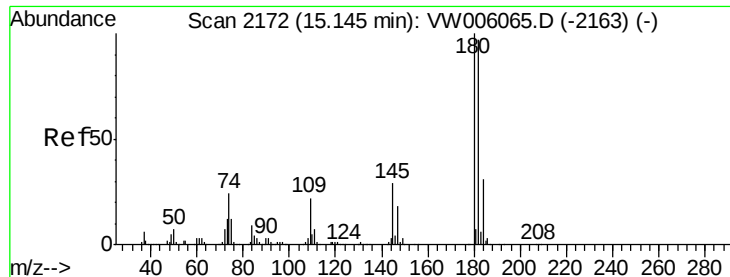
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

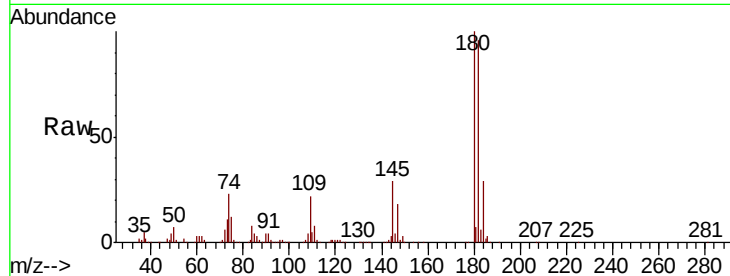




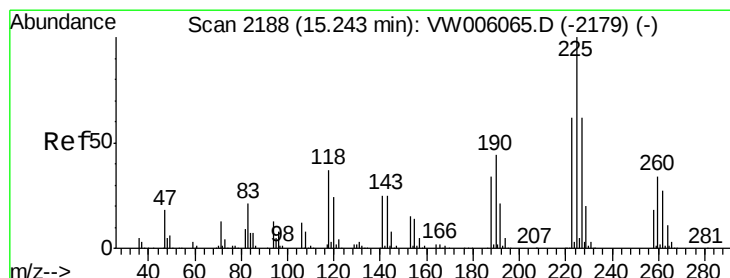
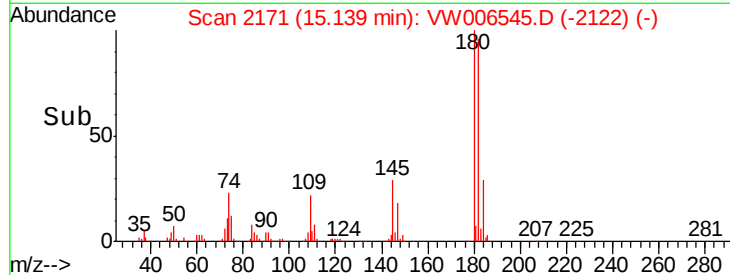
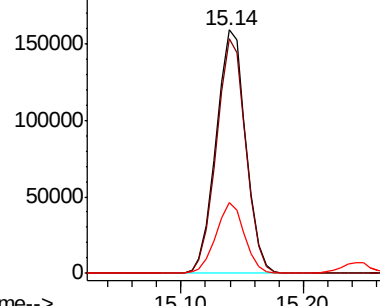
#93
 1,2,4-Trichlorobenzene
 Concen: 46.523 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006545.D
 Acq: 01 Nov 2018 00:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion:180 Resp: 267686
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.5 142.6
 145 28.0 14.0 42.0

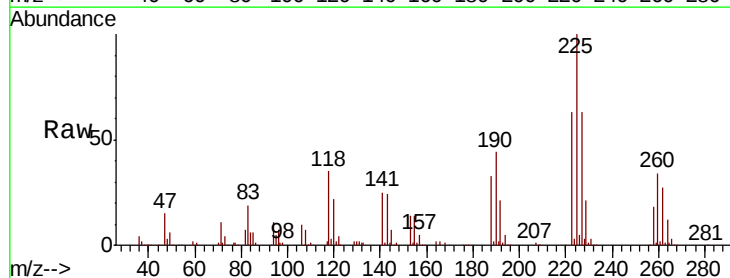


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

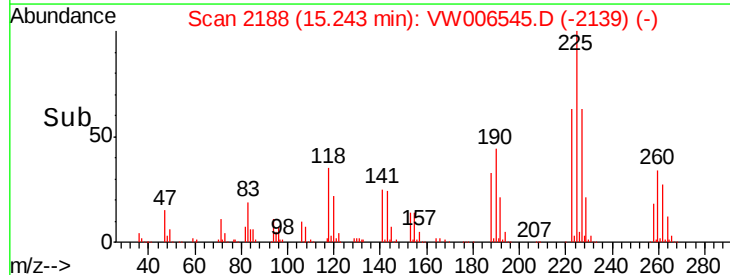
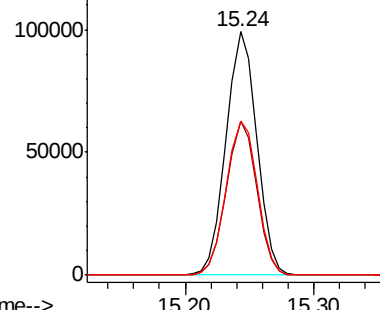


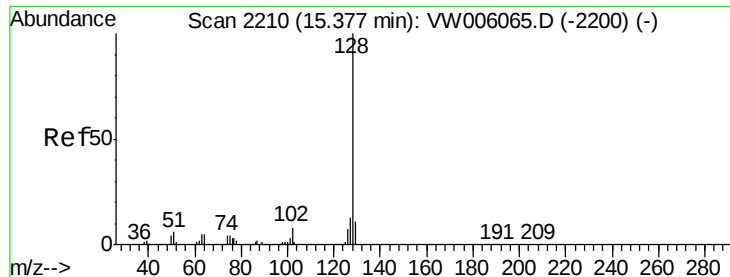
#94
 Hexachlorobutadiene
 Concen: 45.532 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006545.D
 Acq: 01 Nov 2018 00:47

Tgt Ion:225 Resp: 163523
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.4 94.2
 227 64.4 32.2 96.6



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

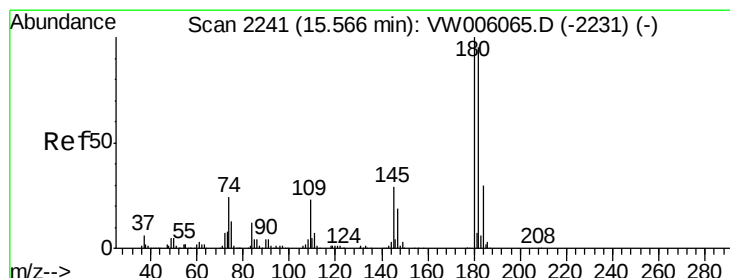
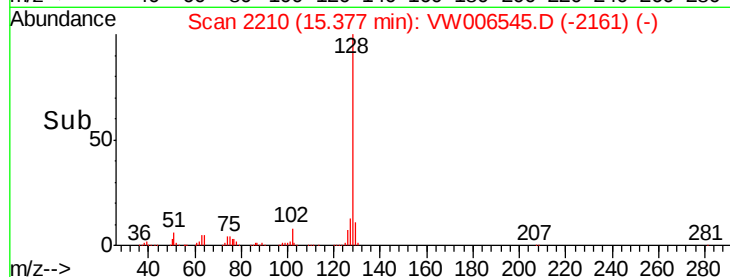
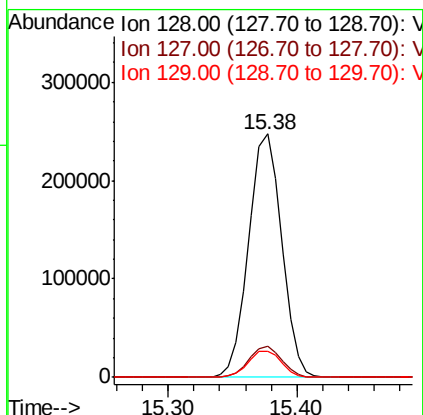
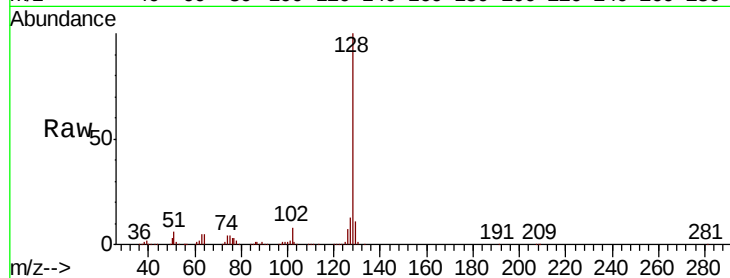




#95
Naphthalene
Concen: 46.031 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 438853
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.135 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Tgt Ion:180 Resp: 234908
Ion Ratio Lower Upper
180 100
182 96.4 48.2 144.6
145 29.7 14.9 44.5

