

Data File : VW006785.D
Acq On : 09 Nov 2018 13:32
Operator : SY/AP
Sample : VSTDICCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Quant Time: Nov 09 13:54:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110918S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 09 12:43:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	317721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	416856	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	419230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	241481	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	101686	37.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.46%	
35) Dibromofluoromethane	7.89	113	108680	41.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.08%	
50) Toluene-d8	10.33	98	473728	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
62) 4-Bromofluorobenzene	12.62	95	174149	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.00	85	118878	72.176	ug/l	96
3) Chloromethane	2.21	50	145139	71.220	ug/l	100
4) Vinyl Chloride	2.36	62	155976	54.815	ug/l	99
5) Bromomethane	2.78	94	108059	45.251	ug/l	98
6) Chloroethane	2.92	64	98068	49.326	ug/l	99
7) Trichlorofluoromethane	3.26	101	186308	74.144	ug/l	94
8) Diethyl Ether	3.69	74	53264	38.778	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.07	101	121538	45.295	ug/l	100
10) Methyl Iodide	4.28	142	187273	38.493	ug/l	100
11) Tert butyl alcohol	5.21	59	34148	232.062	ug/l #	83
12) 1,1-Dichloroethene	4.04	96	104903	40.478	ug/l	99
13) Acrolein	3.91	56	36260	195.921	ug/l	100
14) Allyl chloride	4.67	41	142242	42.048	ug/l	98
15) Acrylonitrile	5.38	53	112811	229.054	ug/l	99
16) Acetone	4.15	43	71014	161.053	ug/l	99
17) Carbon Disulfide	4.39	76	362361	49.135	ug/l	100
18) Methyl Acetate	4.68	43	50485	39.817	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	261319	67.742	ug/l	99
20) Methylene Chloride	4.92	84	138994	40.485	ug/l	95
21) trans-1,2-Dichloroethene	5.43	96	124601	42.490	ug/l	97
22) Diisopropyl ether	6.32	45	307012	43.533	ug/l	98
23) Vinyl Acetate	6.26	43	882425	225.632	ug/l	99
24) 1,1-Dichloroethane	6.23	63	196205	41.050	ug/l	99
25) 2-Butanone	7.18	43	128321	203.944	ug/l	97
26) 2,2-Dichloropropane	7.17	77	182204	63.283	ug/l	96
27) cis-1,2-Dichloroethene	7.18	96	133645	40.736	ug/l	97
28) Bromochloromethane	7.52	49	74548	39.279	ug/l	99
29) Tetrahydrofuran	7.54	42	84627	213.838	ug/l	99
30) Chloroform	7.68	83	213682	40.776	ug/l	99
31) Cyclohexane	7.96	56	197052	45.297	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	203911	45.985	ug/l	100
36) 1,1-Dichloropropene	8.09	75	178706	48.749	ug/l	100
37) Ethyl Acetate	7.26	43	61383	48.319	ug/l	100
38) Carbon Tetrachloride	8.07	117	186582	48.709	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	235963	50.722	ug/l	98
40) Benzene	8.33	78	509961	48.976	ug/l	99
41) Methacrylonitrile	7.49	41	33842	43.444	ug/l	93
42) 1,2-Dichloroethane	8.40	62	134899	45.175	ug/l	99
43) Isopropyl Acetate	8.43	43	117866	46.495	ug/l	99
44) Trichloroethene	9.10	130	154715	48.151	ug/l	98
45) 1,2-Dichloropropane	9.37	63	117607	48.535	ug/l	99
46) Dibromomethane	9.46	93	66588	46.747	ug/l	98
47) Bromodichloromethane	9.65	83	160126	48.415	ug/l	98
48) Methyl methacrylate	9.44	41	57831	47.350	ug/l	97
49) 1,4-Dioxane	9.48	88	20907	1002.918	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	316652	243.216	ug/l	100
52) Toluene	10.39	92	374062	53.562	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	162670	51.105	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	187766	49.918	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	97348	48.167	ug/l	96
56) Ethyl methacrylate	10.65	69	118766	51.702	ug/l	98
57) 1,3-Dichloropropane	10.94	76	158062	48.163	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	277633	248.630	ug/l	100
59) 2-Hexanone	10.98	43	224472	253.852	ug/l	99
60) Dibromochloromethane	11.13	129	119095	49.736	ug/l	99
61) 1,2-Dibromoethane	11.24	107	95604	47.635	ug/l	100
64) Tetrachloroethene	10.87	164	154923	46.358	ug/l	99
65) Chlorobenzene	11.66	112	431833	48.950	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	136312	43.962	ug/l	99
67) Ethyl Benzene	11.74	91	742523	50.356	ug/l	100
68) m/p-Xylenes	11.84	106	604788	102.661	ug/l	99
69) o-Xylene	12.17	106	279954	49.916	ug/l	100
70) Styrene	12.18	104	462500	50.581	ug/l	100
71) Bromoform	12.35	173	76106	46.303	ug/l #	100
73) Isopropylbenzene	12.47	105	773234	48.608	ug/l	99
74) N-amyl acetate	12.27	43	126629	46.066	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	110773	44.089	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	147302	78.182	ug/l #	100
77) Bromobenzene	12.75	156	195805	47.541	ug/l	99
78) n-propylbenzene	12.81	91	918084	50.176	ug/l	100
79) 2-Chlorotoluene	12.90	91	508503	48.425	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	666646	49.882	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	32704	50.407	ug/l	97
82) 4-Chlorotoluene	12.99	91	543696	48.940	ug/l	100
83) tert-Butylbenzene	13.21	119	581254	48.771	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	686851	50.106	ug/l	99
85) sec-Butylbenzene	13.39	105	827776	49.591	ug/l	100
86) p-Isopropyltoluene	13.51	119	766887	50.492	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	397218	48.971	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	393474	48.938	ug/l	100
89) n-Butylbenzene	13.83	91	700004	51.920	ug/l	99
90) Hexachloroethane	14.10	117	119827	48.003	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	349054	47.841	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18506	45.394	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110918\
Quantitation Report (Not Reviewed)

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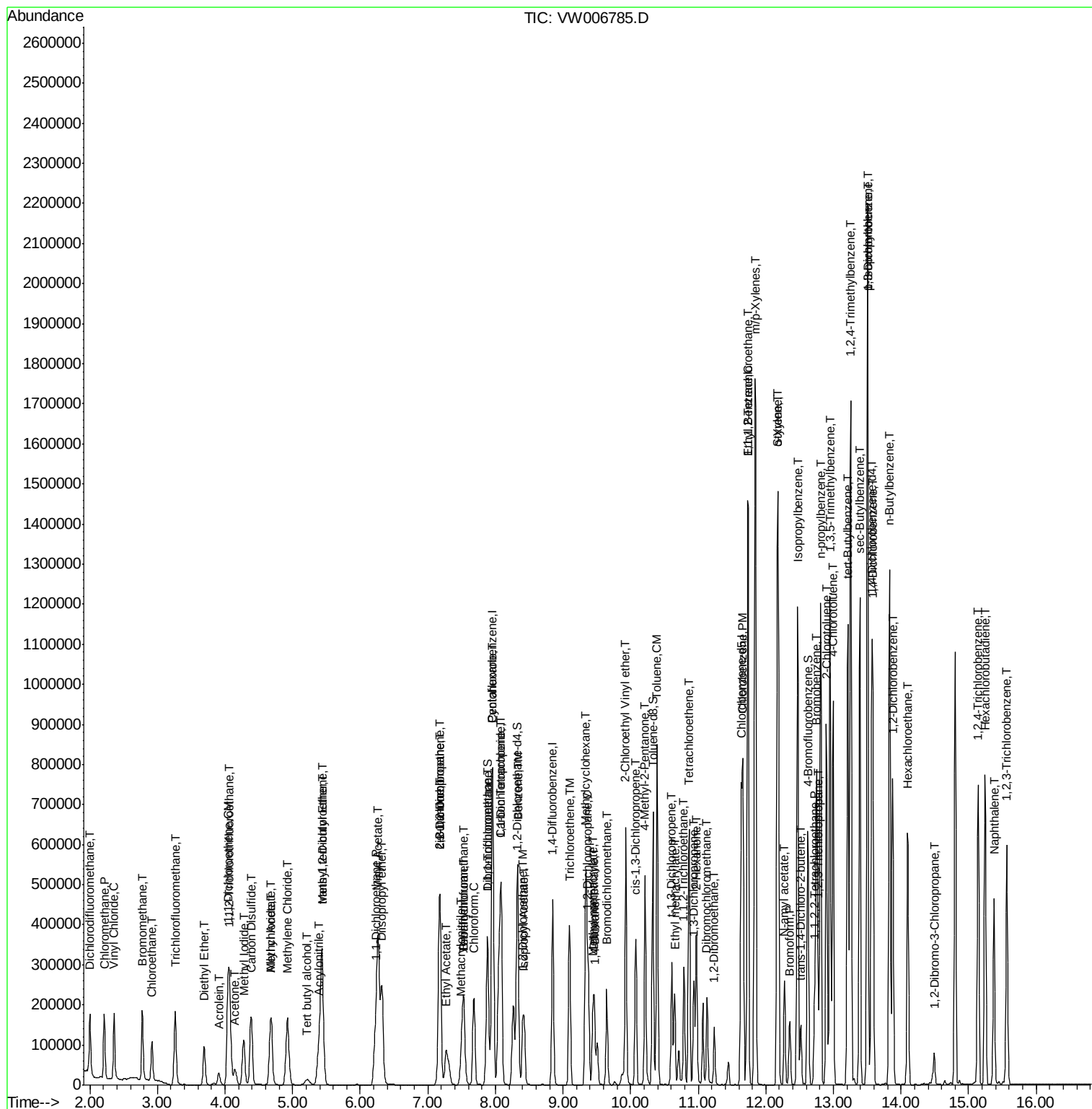
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	265700	48.975	ug/l	99
94) Hexachlorobutadiene	15.24	225	165507	48.948	ug/l	99
95) Naphthalene	15.38	128	425064	48.749	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	232493	48.760	ug/l	99

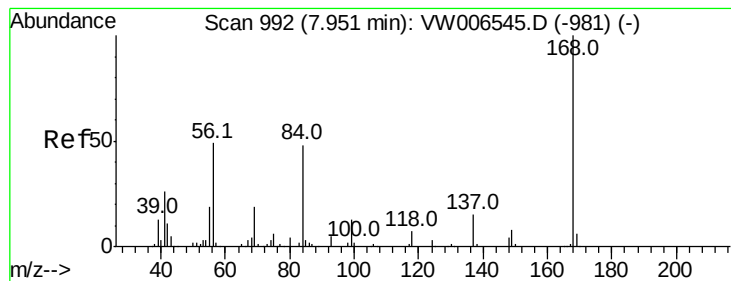
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

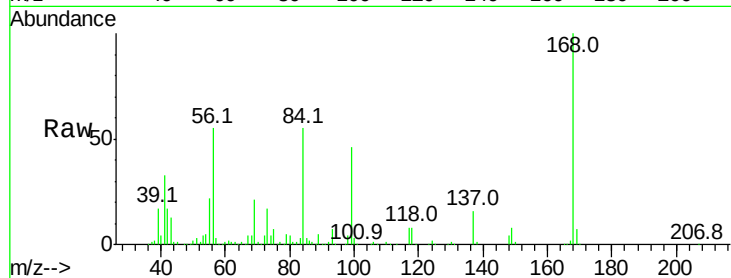
VSTDICCC050

Tgt Ion:168 Resp: 317721

Ion Ratio Lower Upper

168 100

99 46.0 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

150000

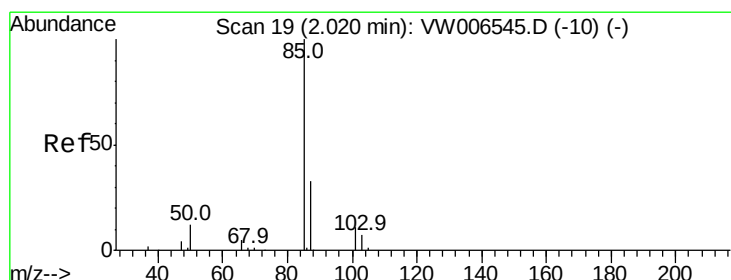
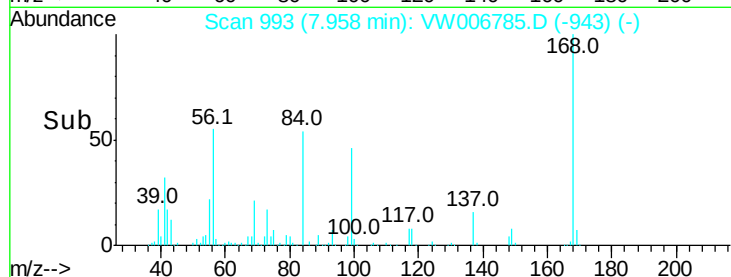
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 72.176 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.02 min

Lab File: VW006785.D

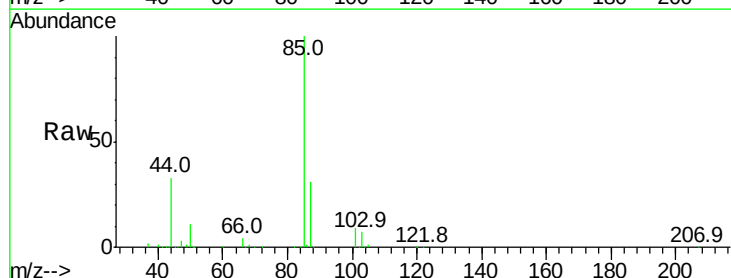
Acq: 09 Nov 2018 13:32

Tgt Ion: 85 Resp: 118878

Ion Ratio Lower Upper

85 100

87 31.4 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

100000

80000

60000

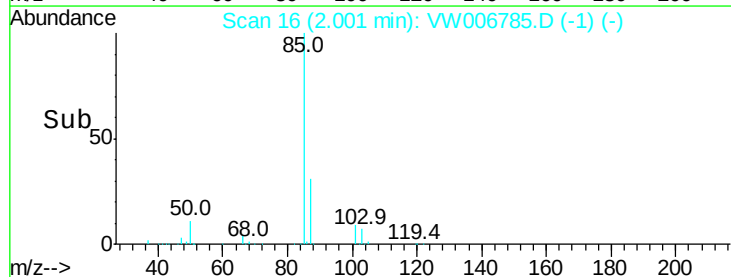
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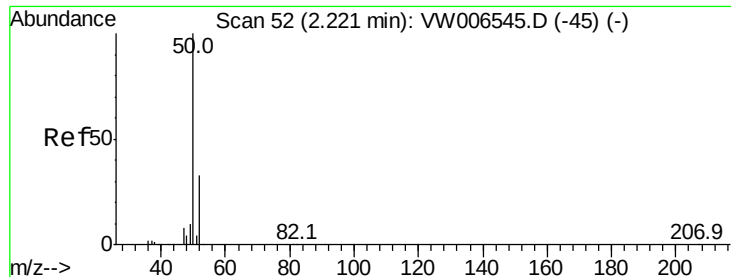
20000

0

1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 71.220 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

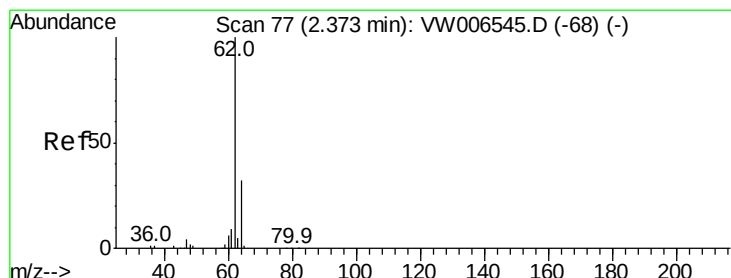
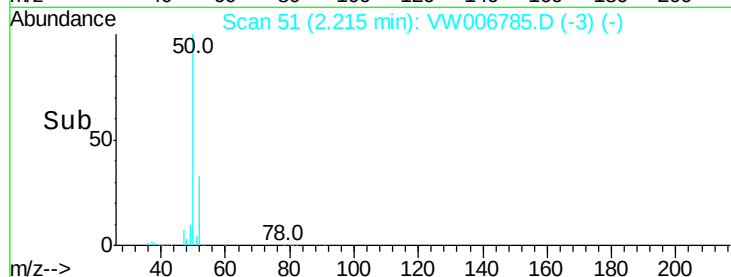
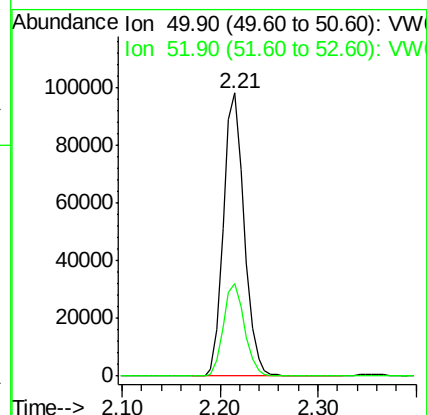
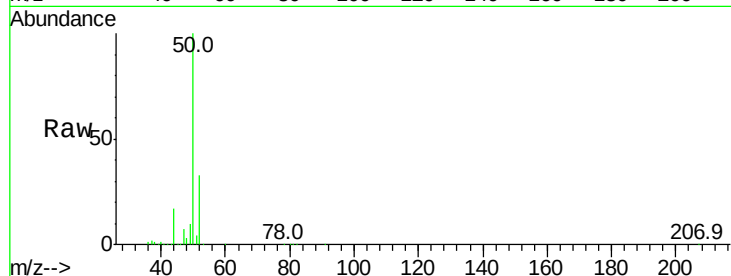
VSTDICCC050

Tgt Ion: 50 Resp: 145139

Ion Ratio Lower Upper

50 100

52 32.8 26.2 39.4



#4

Vinyl Chloride

Concen: 54.815 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW006785.D

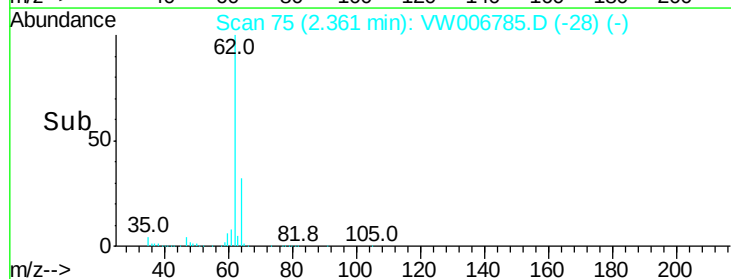
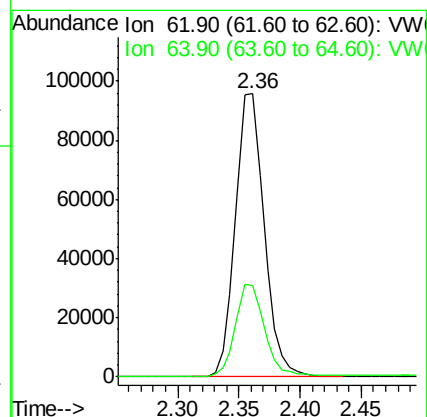
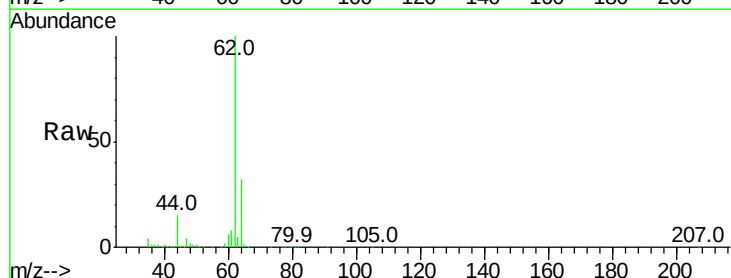
Acq: 09 Nov 2018 13:32

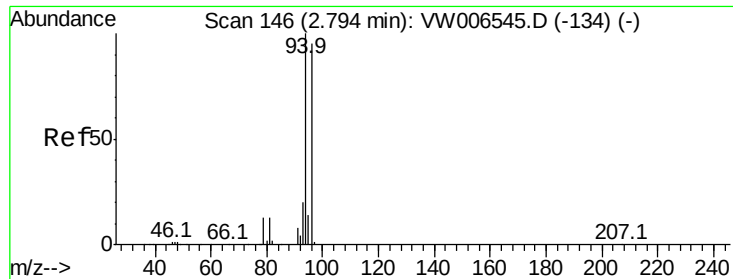
Tgt Ion: 62 Resp: 155976

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.0





#5

Bromomethane

Concen: 45.251 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.02 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

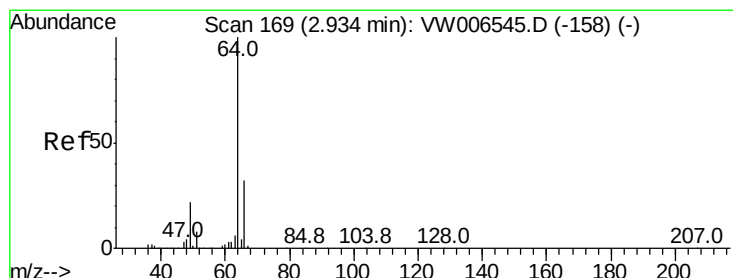
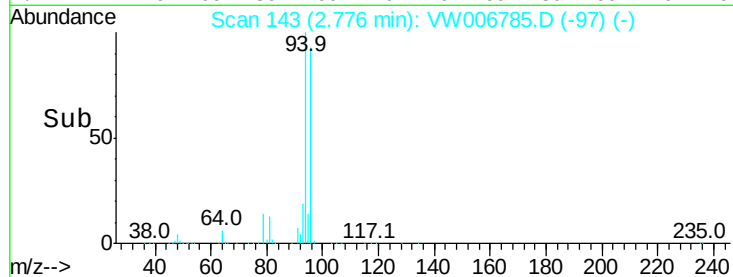
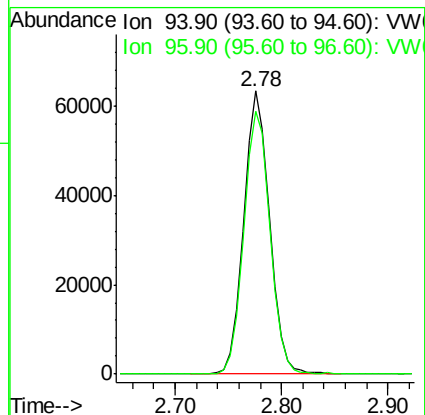
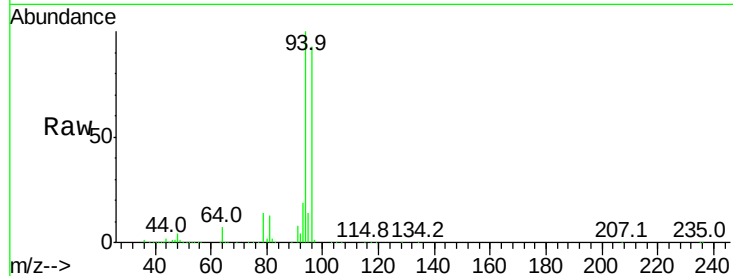
VSTDICCC050

Tgt Ion: 94 Resp: 108059

Ion Ratio Lower Upper

94 100

96 93.1 75.7 113.5



#6

Chloroethane

Concen: 49.326 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW006785.D

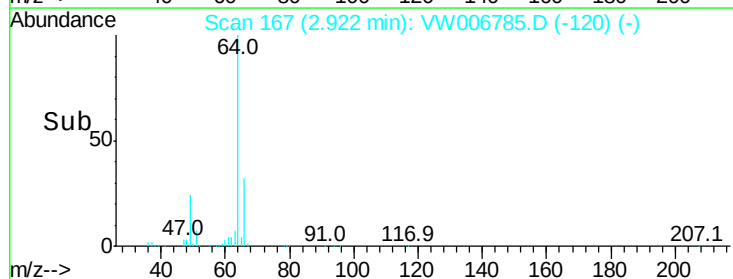
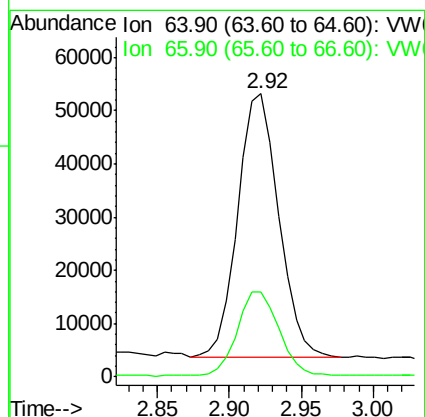
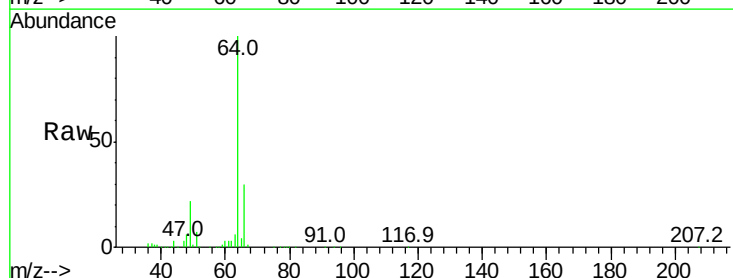
Acq: 09 Nov 2018 13:32

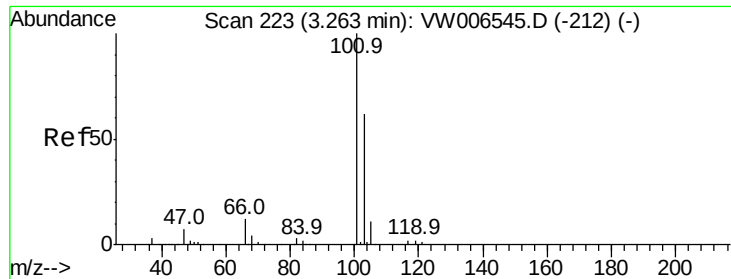
Tgt Ion: 64 Resp: 98068

Ion Ratio Lower Upper

64 100

66 31.8 25.9 38.9



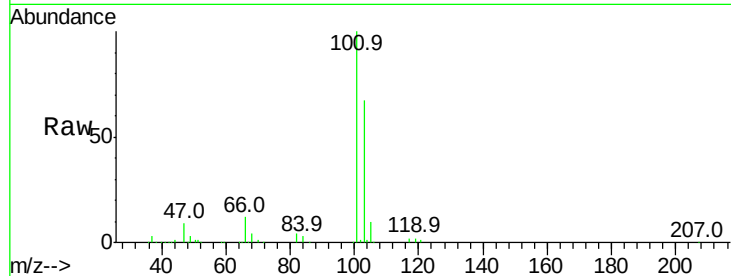


#7

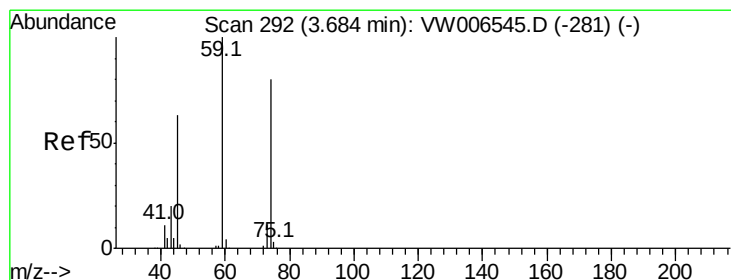
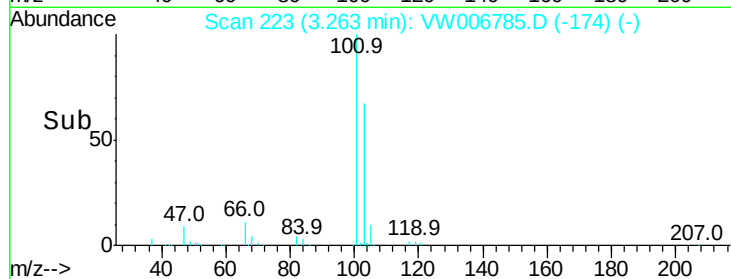
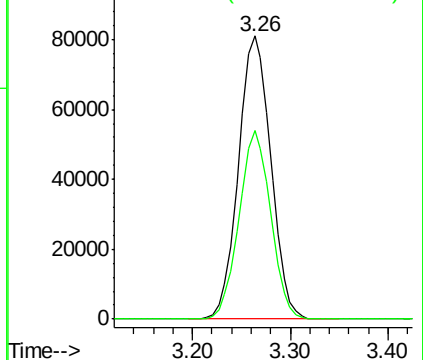
Trichlorofluoromethane
Concen: 74.144 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
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Instrument :
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Tgt Ion:101 Resp: 186308
Ion Ratio Lower Upper
101 100
103 66.7 49.8 74.8



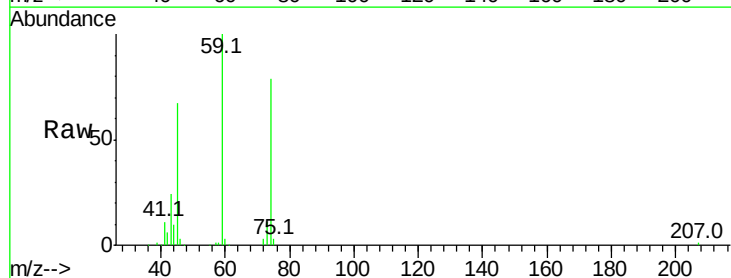
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



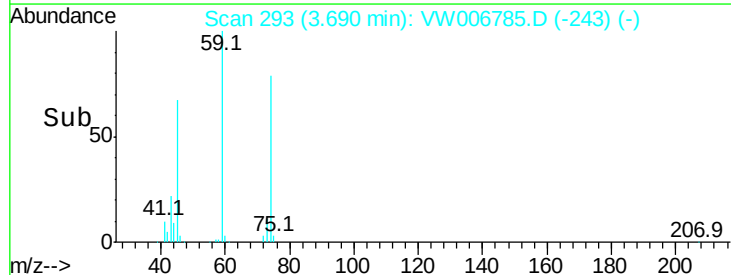
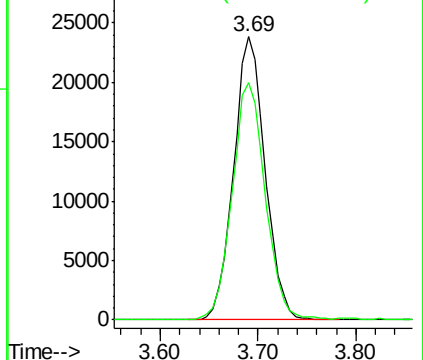
#8

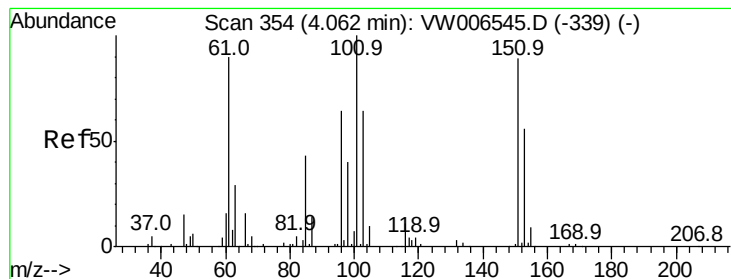
Diethyl Ether
Concen: 38.778 ug/l
RT: 3.69 min Scan# 293
Delta R.T. 0.01 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Tgt Ion: 74 Resp: 53264
Ion Ratio Lower Upper
74 100
45 88.1 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW
Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.295 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW006785.D

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VSTDICCC050

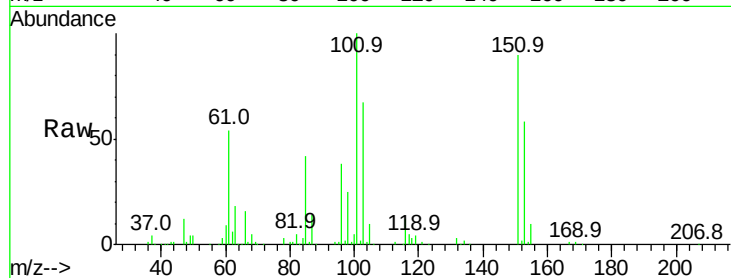
Tgt Ion:101 Resp: 121538

Ion Ratio Lower Upper

101 100

85 42.5 34.2 51.2

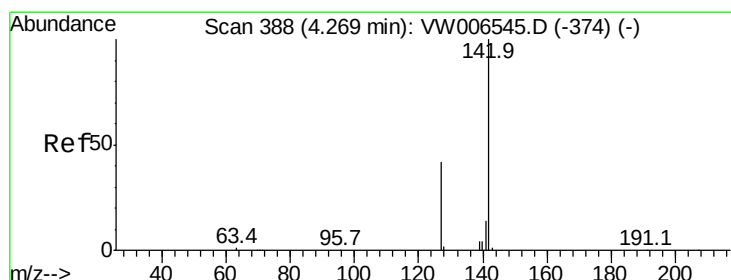
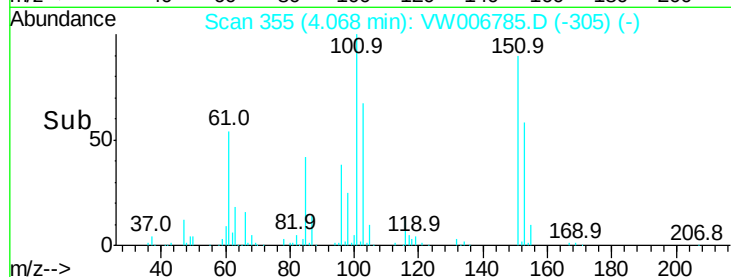
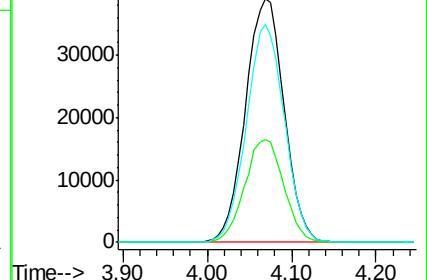
151 88.4 70.7 106.1



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: 38.493 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.01 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

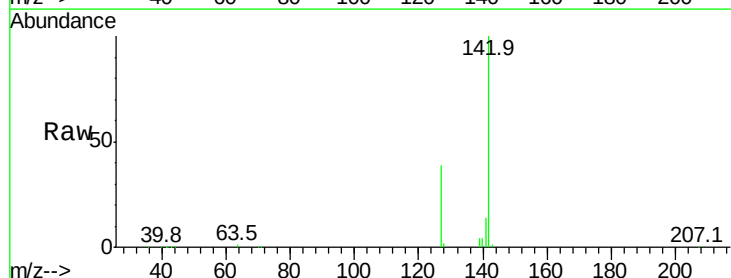
Tgt Ion:142 Resp: 187273

Ion Ratio Lower Upper

142 100

127 40.4 32.3 48.5

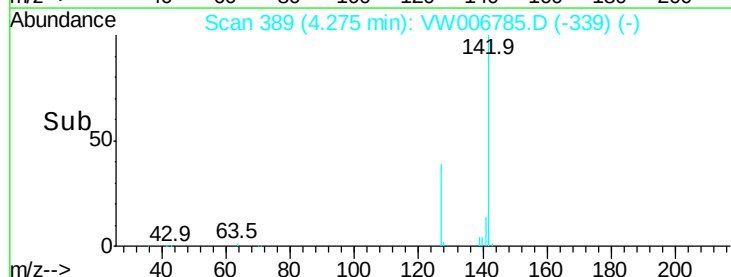
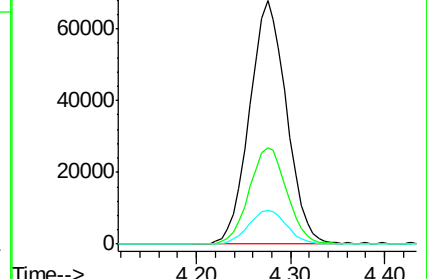
141 14.2 11.3 16.9

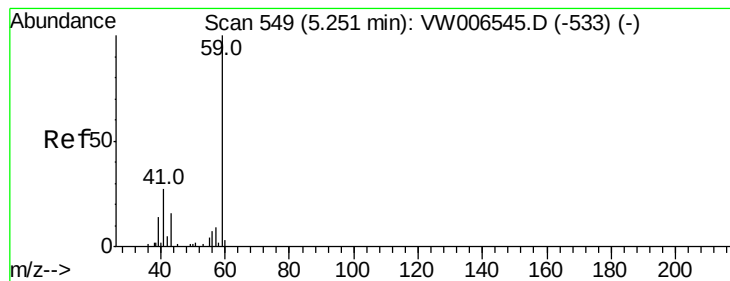


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 232.062 ug/l

RT: 5.21 min Scan# 543

Delta R.T. -0.04 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

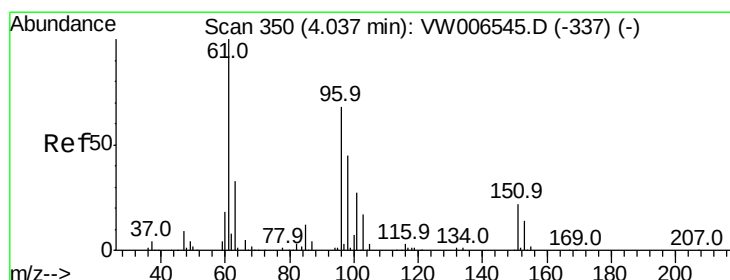
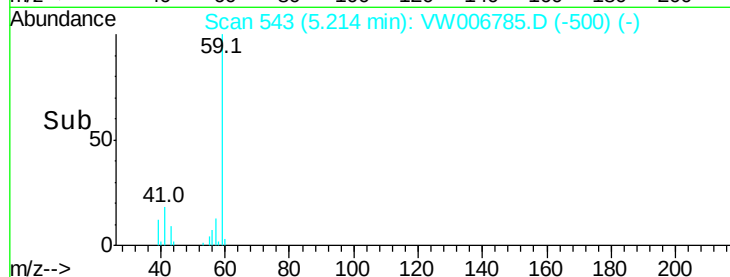
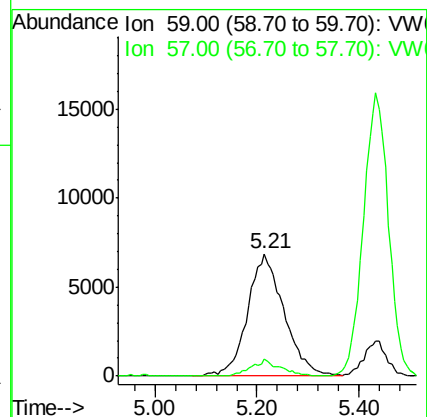
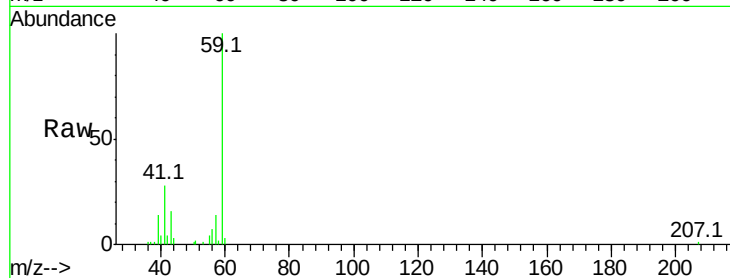
VSTDICCC050

Tgt Ion: 59 Resp: 34148

Ion Ratio Lower Upper

59 100

57 10.9 4.3 6.5#



#12

1,1-Dichloroethene

Concen: 40.478 ug/l

RT: 4.04 min Scan# 351

Delta R.T. 0.01 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

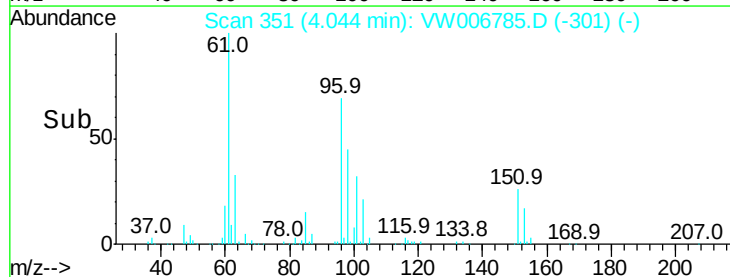
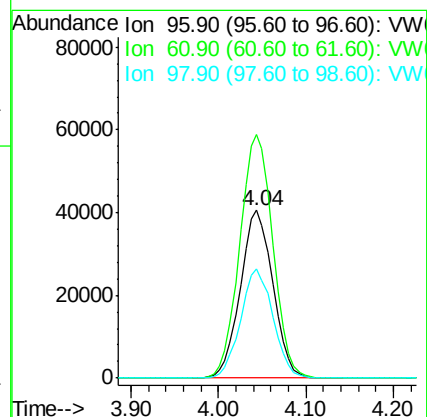
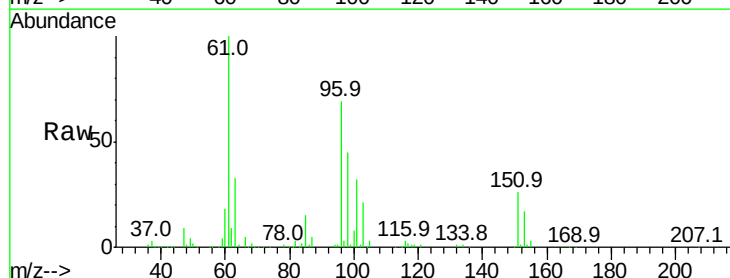
Tgt Ion: 96 Resp: 104903

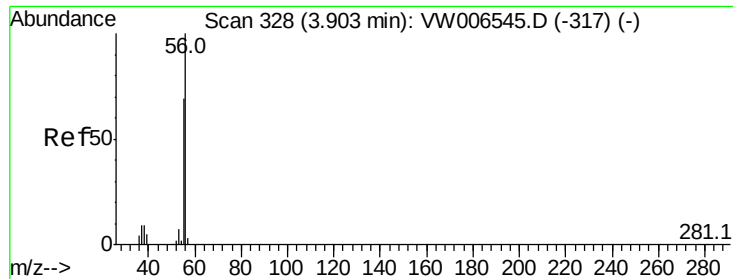
Ion Ratio Lower Upper

96 100

61 145.0 117.0 175.4

98 65.0 52.5 78.7





#13

Acrolein

Concen: 195.921 ug/l

RT: 3.91 min Scan# 329

Delta R.T. 0.01 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampled :

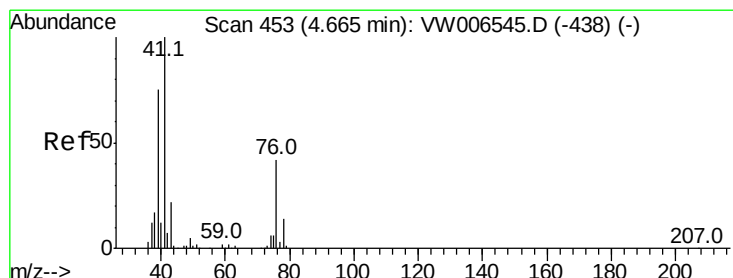
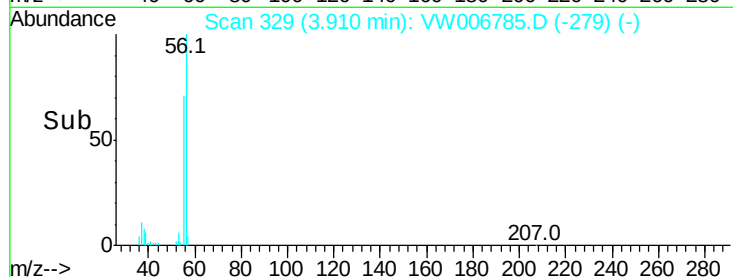
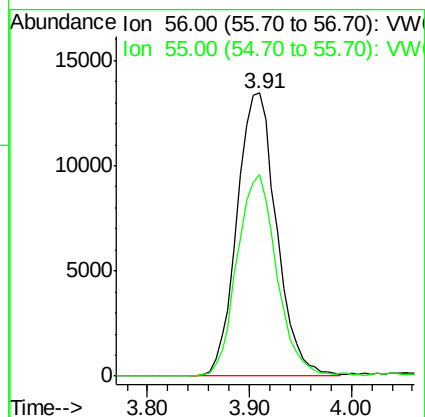
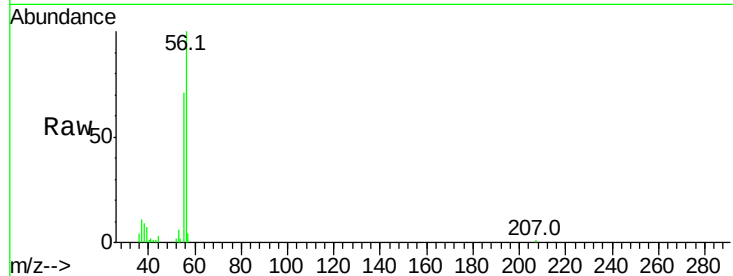
VSTDICCC050

Tgt Ion: 56 Resp: 36260

Ion Ratio Lower Upper

56 100

55 71.1 56.9 85.3



#14

Allyl chloride

Concen: 42.048 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

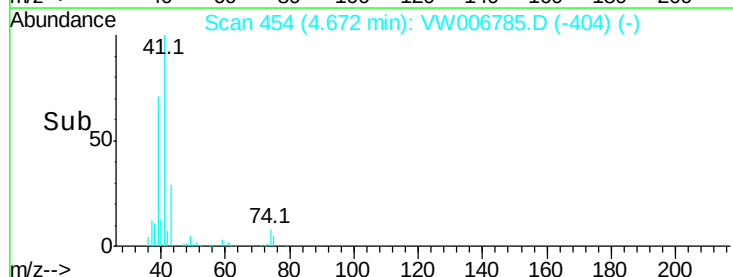
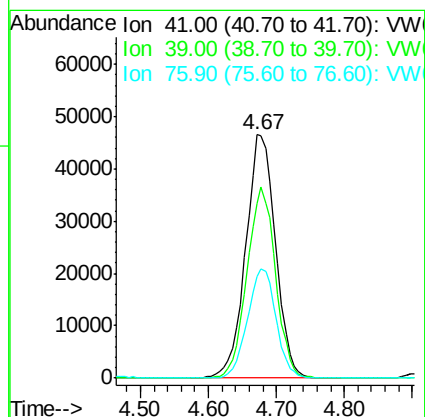
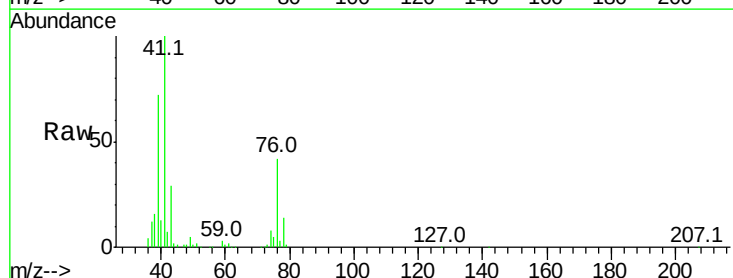
Tgt Ion: 41 Resp: 142242

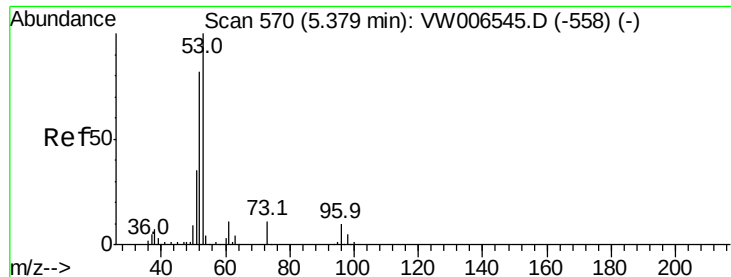
Ion Ratio Lower Upper

41 100

39 75.0 62.1 93.1

76 42.8 34.2 51.2





#15

Acrylonitrile

Concen: 229.054 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

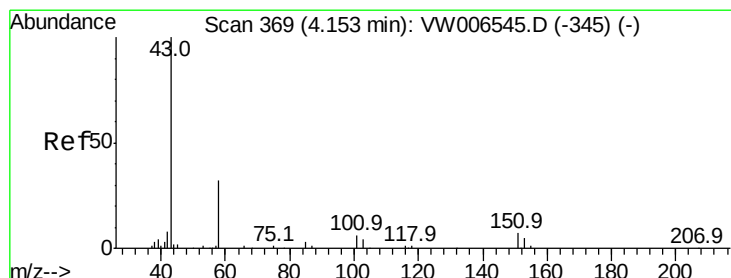
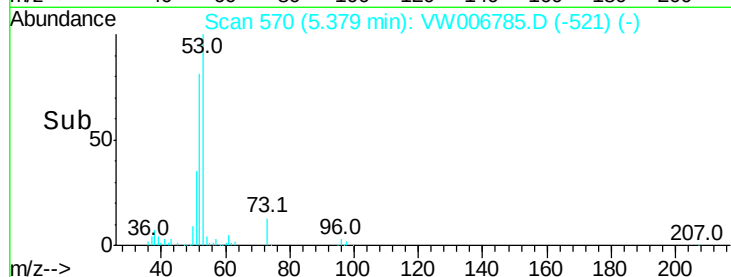
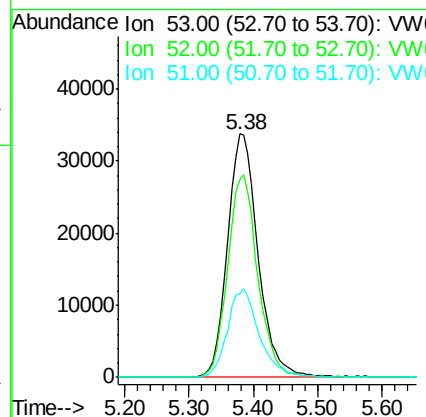
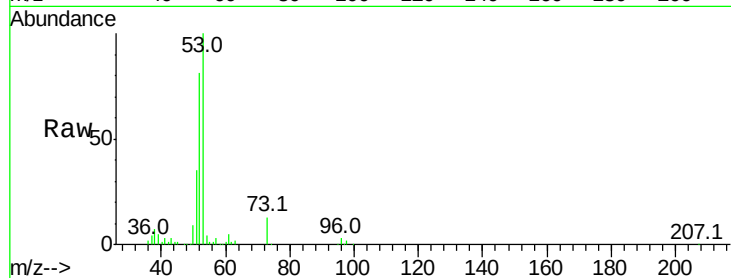
Tgt Ion: 53 Resp: 112811

Ion Ratio Lower Upper

53 100

52 81.5 65.8 98.8

51 37.8 29.6 44.4



#16

Acetone

Concen: 161.053 ug/l

RT: 4.15 min Scan# 368

Delta R.T. -0.01 min

Lab File: VW006785.D

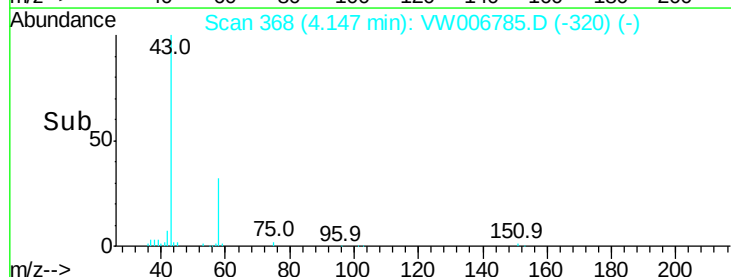
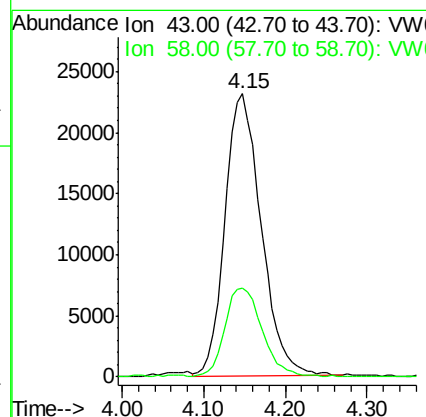
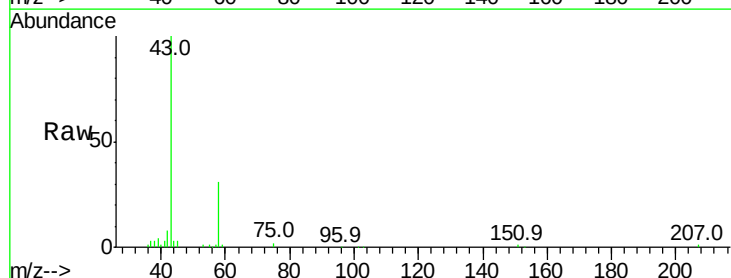
Acq: 09 Nov 2018 13:32

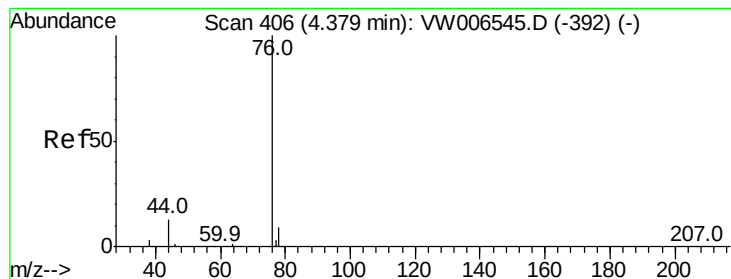
Tgt Ion: 43 Resp: 71014

Ion Ratio Lower Upper

43 100

58 31.7 25.8 38.8





#17

Carbon Disulfide

Concen: 49.135 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampled :

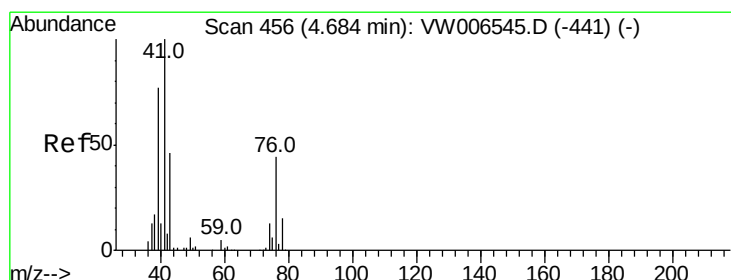
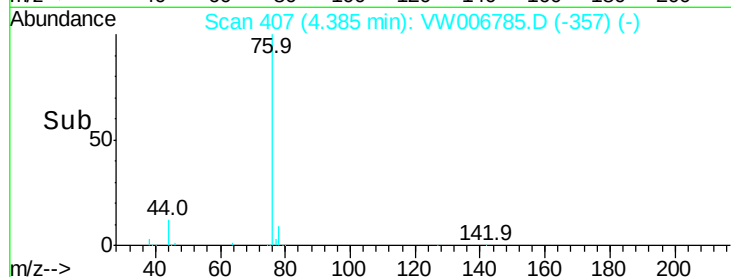
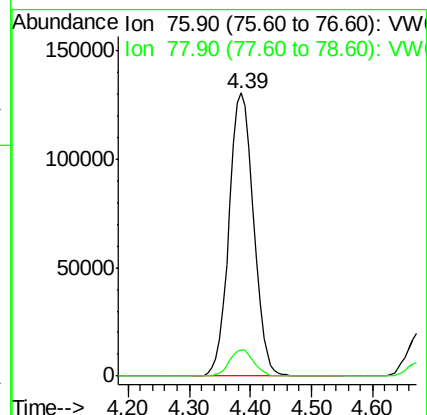
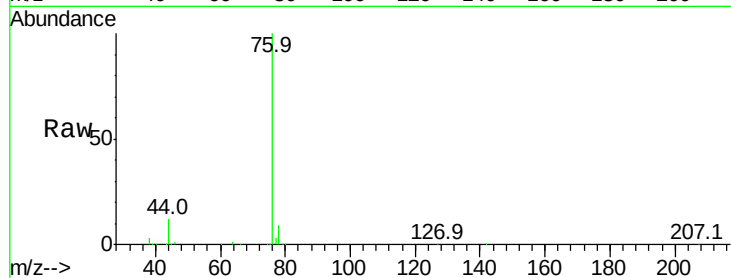
VSTDICCC050

Tgt Ion: 76 Resp: 362361

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9



#18

Methyl Acetate

Concen: 39.817 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW006785.D

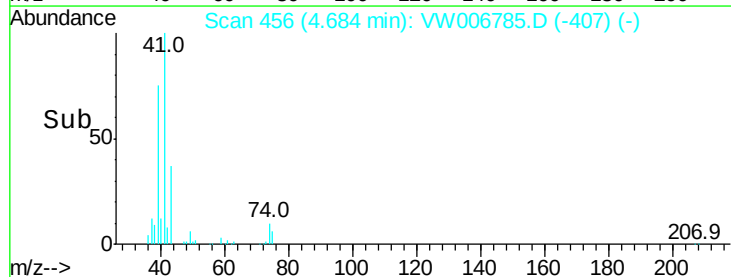
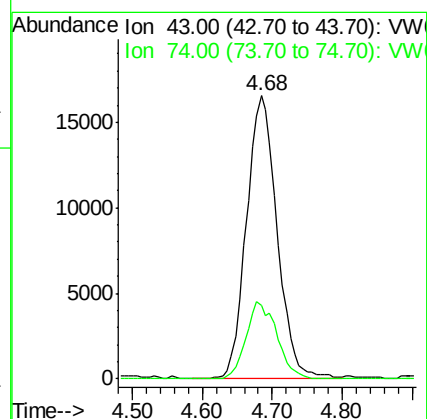
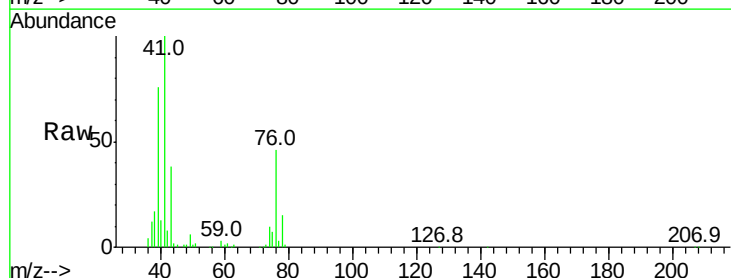
Acq: 09 Nov 2018 13:32

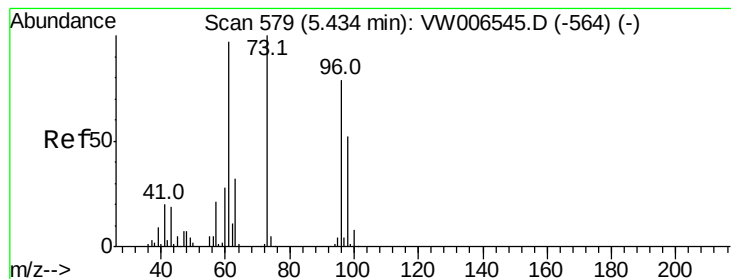
Tgt Ion: 43 Resp: 50485

Ion Ratio Lower Upper

43 100

74 27.3 21.9 32.9





#19

Methyl tert-butyl Ether

Concen: 67.742 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.00 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

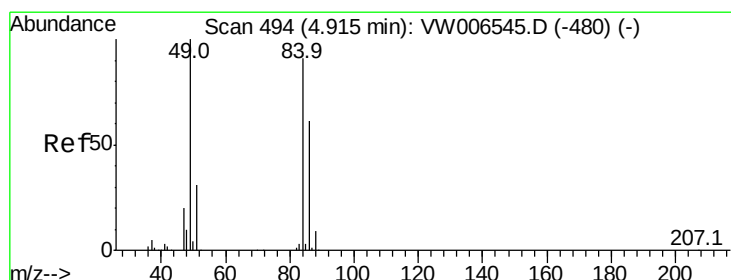
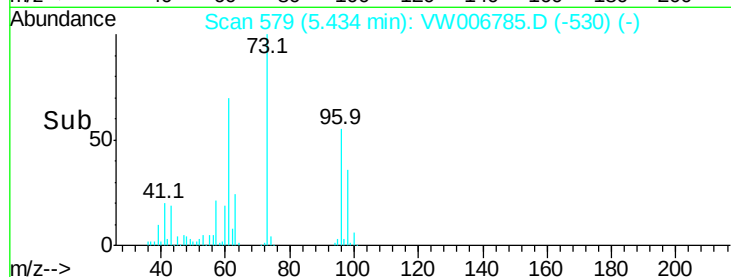
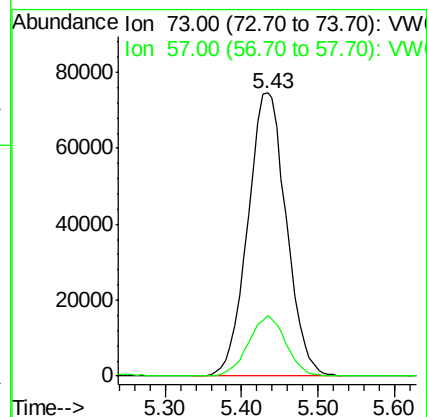
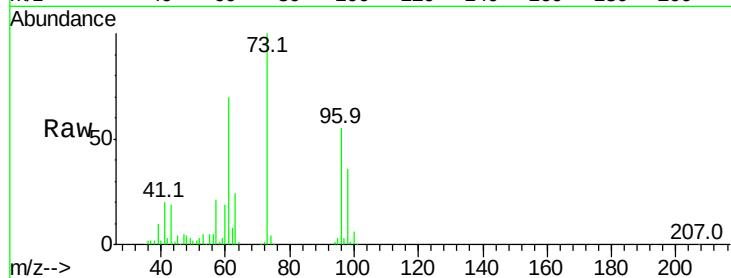
VSTDICCC050

Tgt Ion: 73 Resp: 261319

Ion Ratio Lower Upper

73 100

57 21.3 16.7 25.1



#20

Methylene Chloride

Concen: 40.485 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Tgt Ion: 84 Resp: 138994

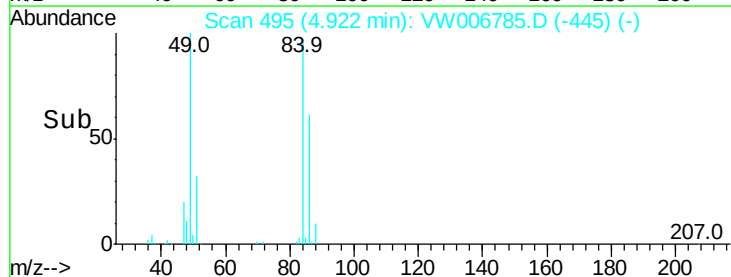
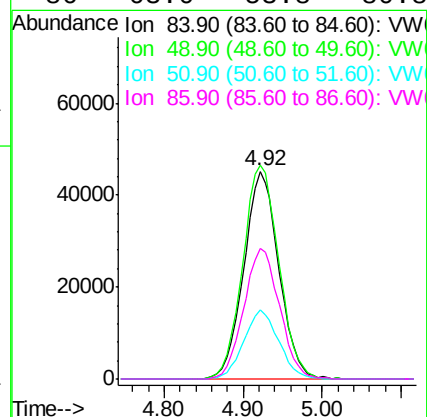
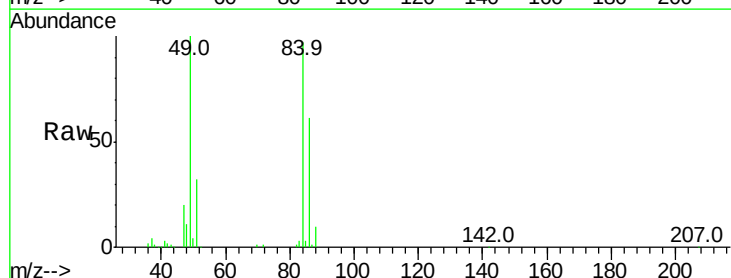
Ion Ratio Lower Upper

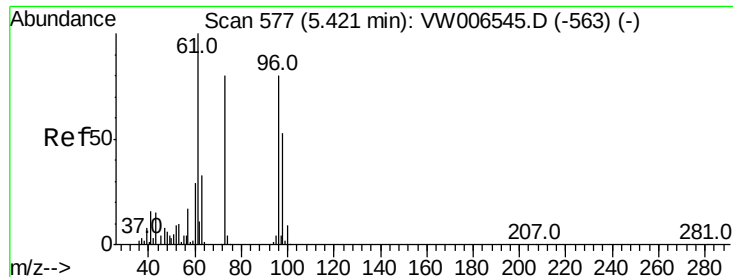
84 100

49 103.0 88.2 132.4

51 33.4 27.0 40.6

86 63.0 53.8 80.8





#21

trans-1,2-Dichloroethene

Concen: 42.490 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

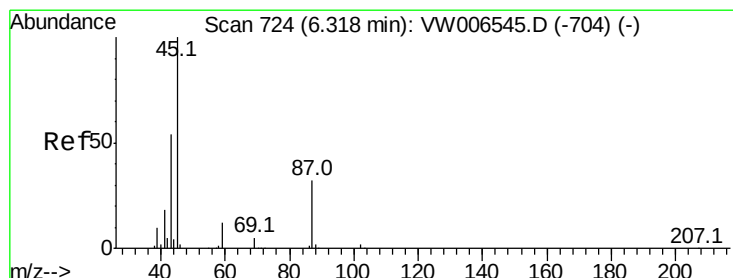
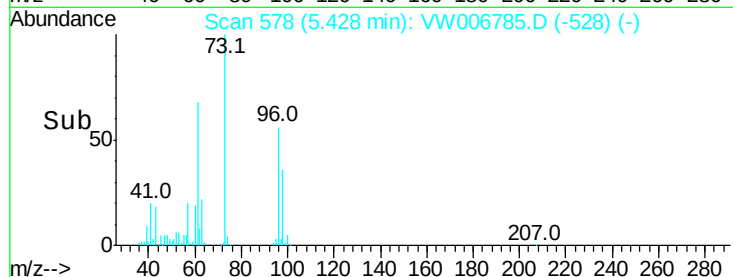
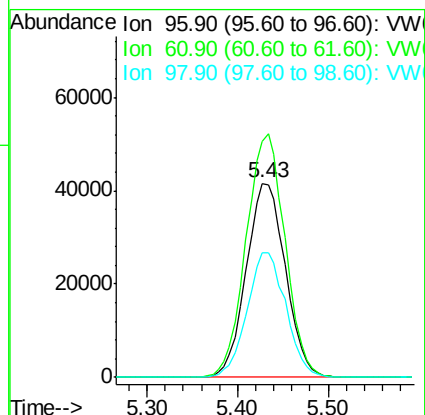
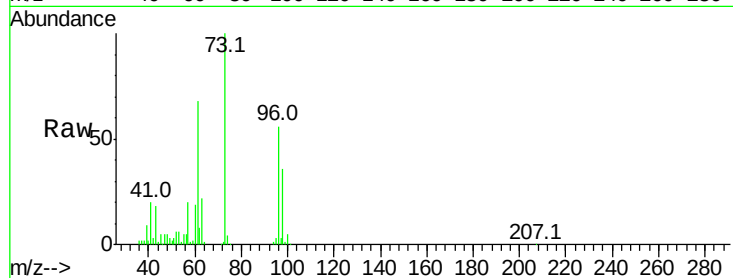
Tgt Ion: 96 Resp: 124601

Ion Ratio Lower Upper

96 100

61 122.0 100.6 150.8

98 64.5 52.9 79.3



#22

Diisopropyl ether

Concen: 43.533 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Tgt Ion: 45 Resp: 307012

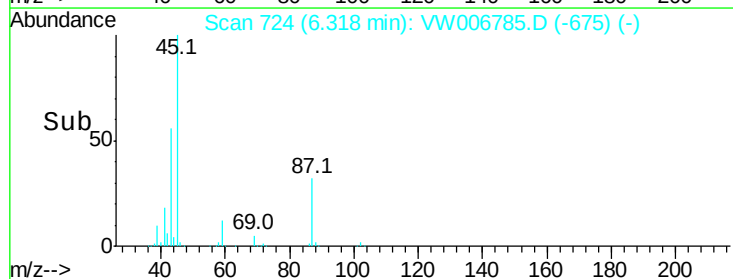
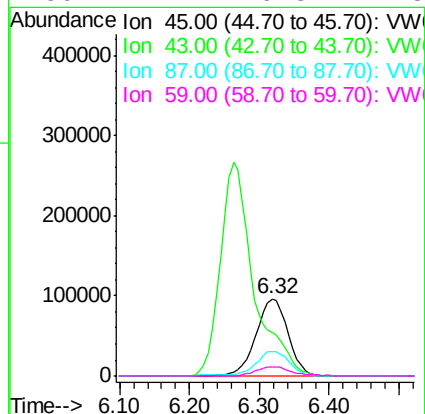
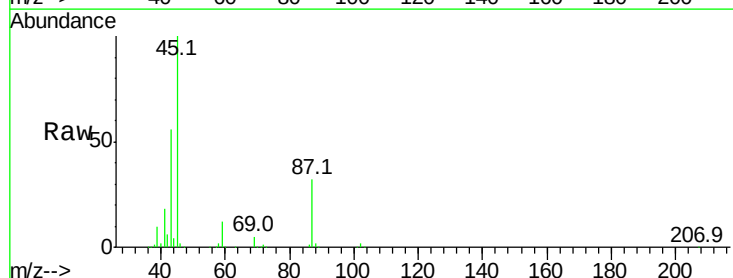
Ion Ratio Lower Upper

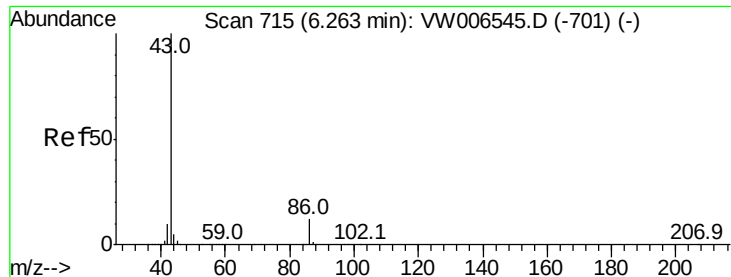
45 100

43 55.7 43.6 65.4

87 31.9 26.3 39.5

59 12.1 9.8 14.8





#23

Vinyl Acetate

Concen: 225.632 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

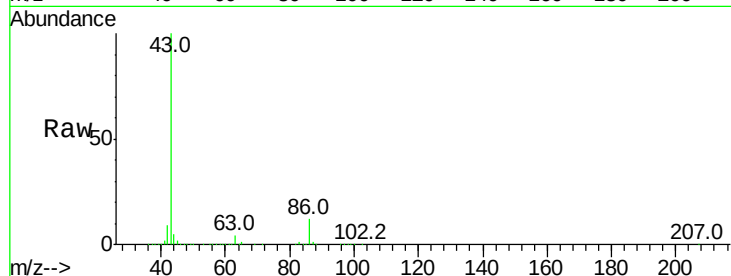
VSTDICCC050

Tgt Ion: 43 Resp: 882425

Ion Ratio Lower Upper

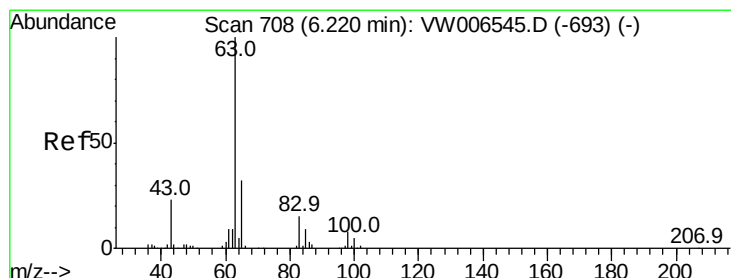
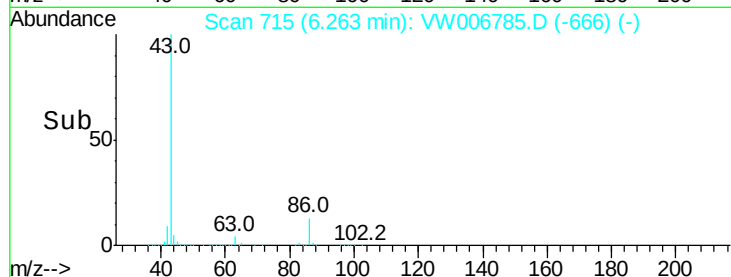
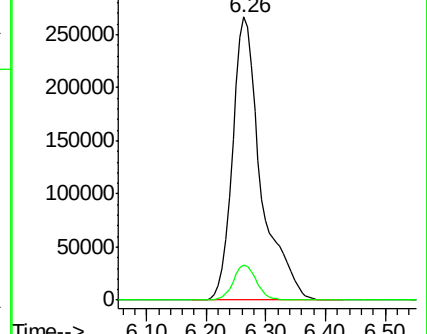
43 100

86 12.5 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 41.050 ug/l

RT: 6.23 min Scan# 709

Delta R.T. 0.01 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

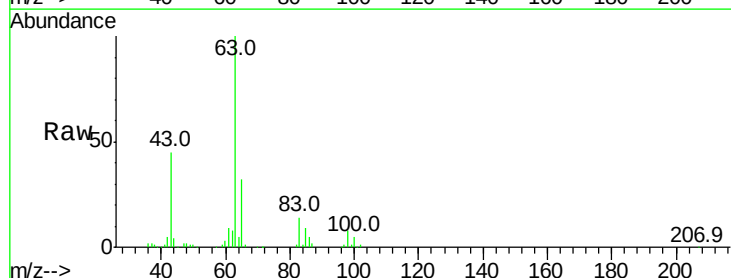
Tgt Ion: 63 Resp: 196205

Ion Ratio Lower Upper

63 100

98 8.1 3.8 11.4

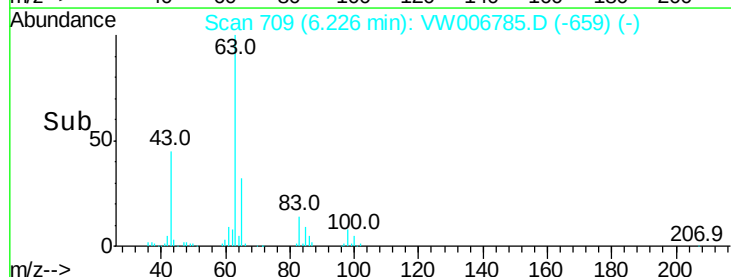
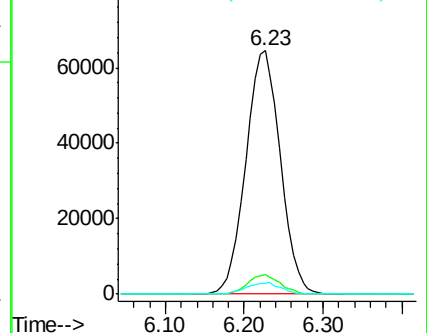
100 4.6 2.4 7.2

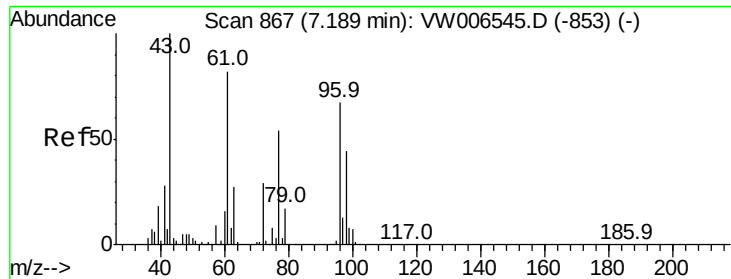


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 203.944 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

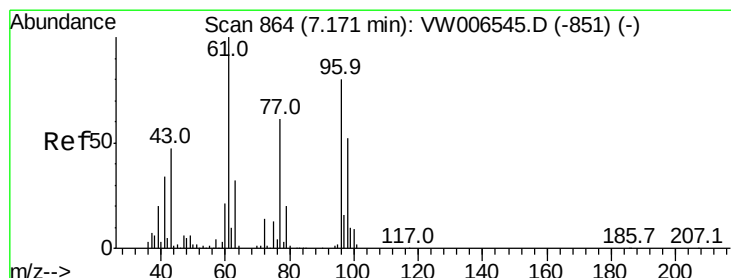
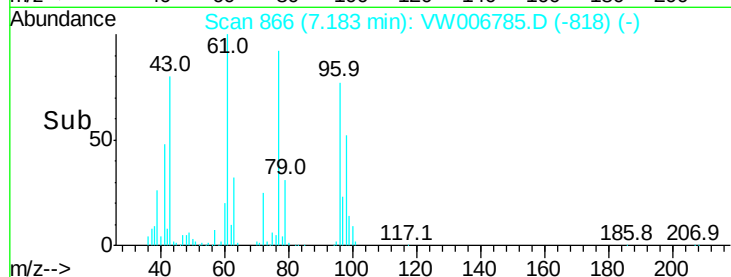
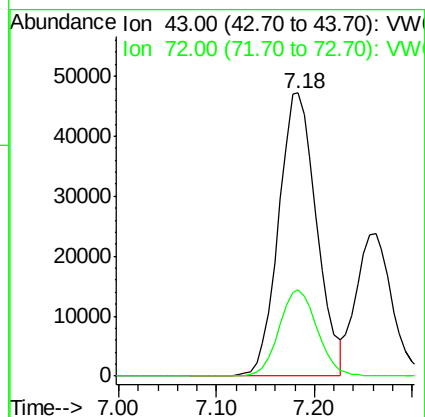
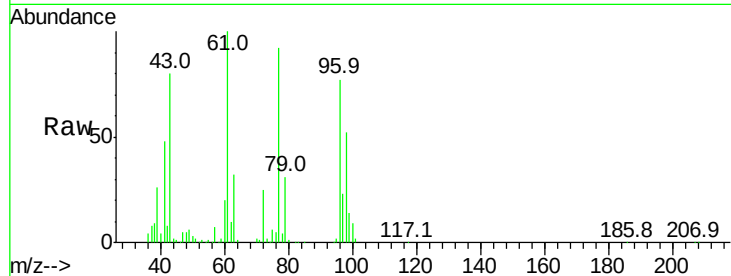
VSTDICCC050

Tgt Ion: 43 Resp: 128321

Ion Ratio Lower Upper

43 100

72 30.6 23.2 34.8



#26

2,2-Dichloropropane

Concen: 63.283 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006785.D

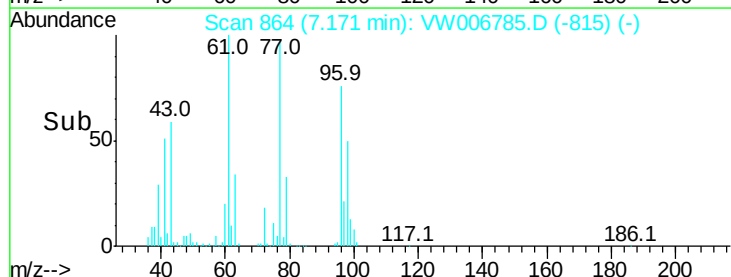
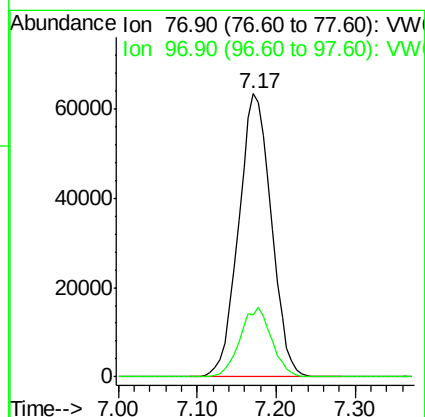
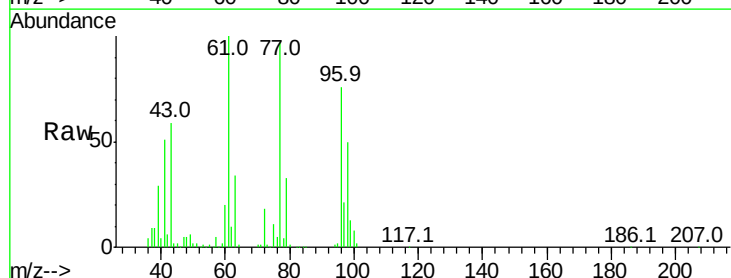
Acq: 09 Nov 2018 13:32

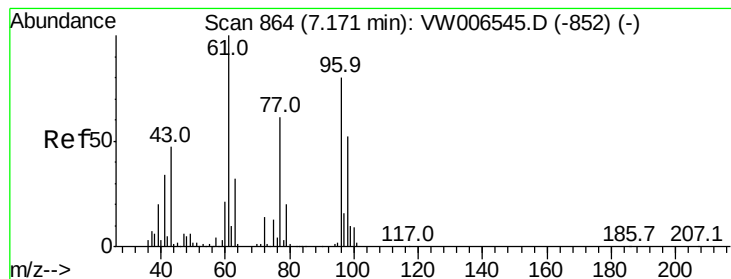
Tgt Ion: 77 Resp: 182204

Ion Ratio Lower Upper

77 100

97 23.7 12.8 38.4



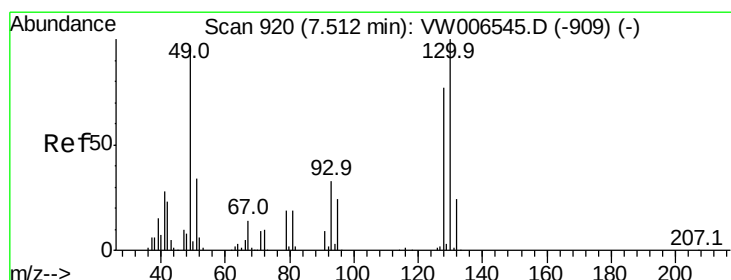
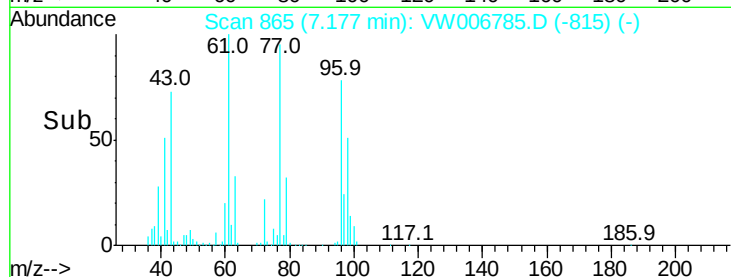
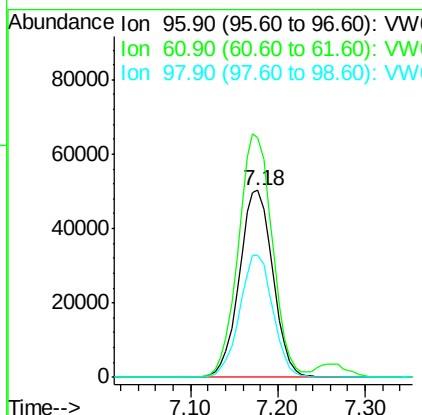
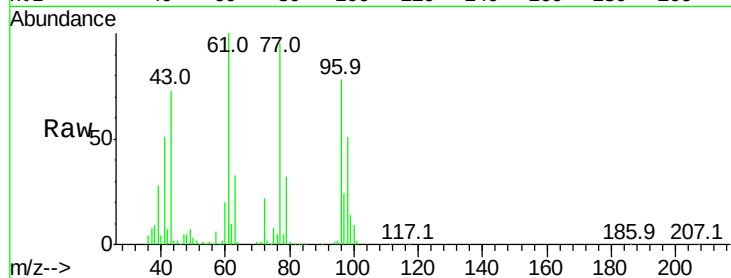


#27

cis-1,2-Dichloroethene
Concen: 40.736 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

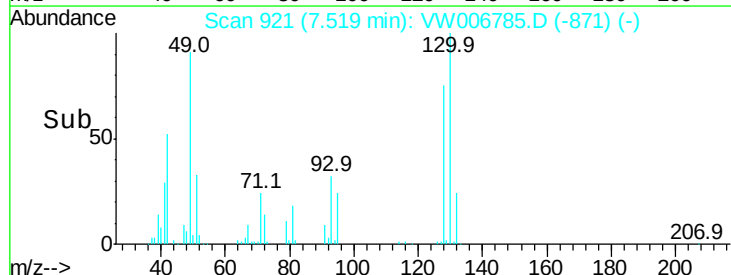
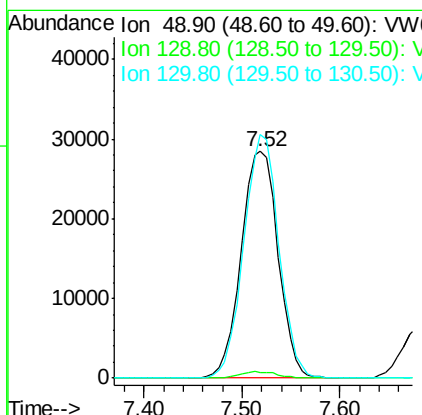
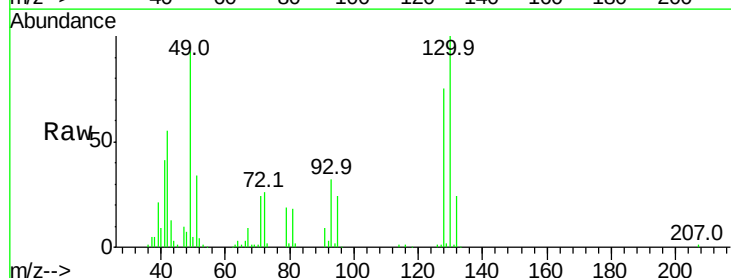
Tgt Ion: 96 Resp: 133645
Ion Ratio Lower Upper
96 100
61 132.2 0.0 254.2
98 65.0 0.0 129.6

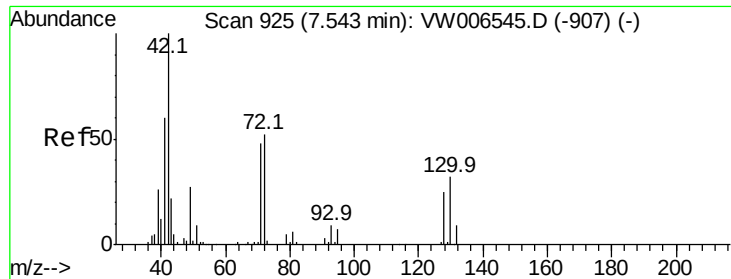


#28

Bromochloromethane
Concen: 39.279 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Tgt Ion: 49 Resp: 74548
Ion Ratio Lower Upper
49 100
129 2.8 0.0 5.6
130 101.9 82.2 123.2





#29

Tetrahydrofuran

Concen: 213.838 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.01 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

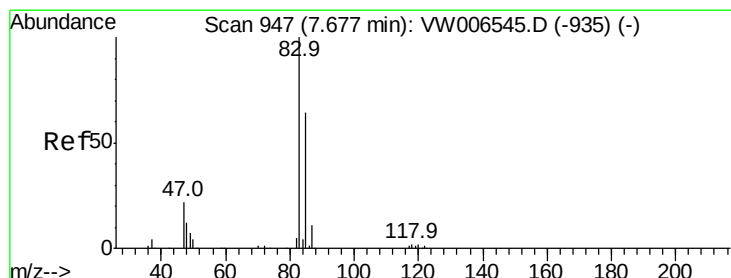
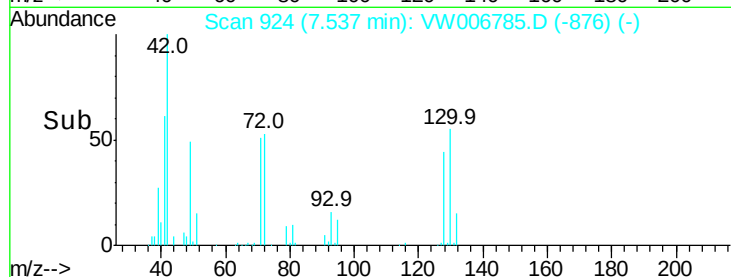
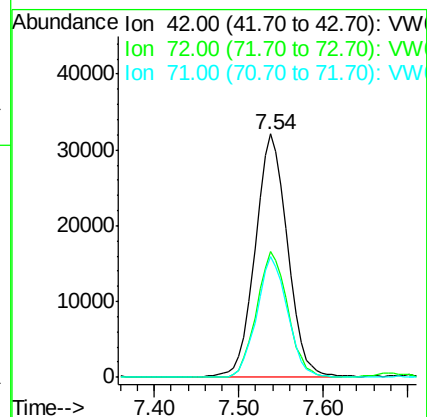
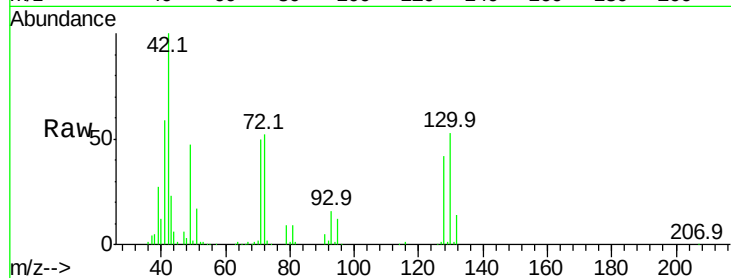
Tgt Ion: 42 Resp: 84627

Ion Ratio Lower Upper

42 100

72 49.8 39.2 58.8

71 47.2 37.6 56.4



#30

Chloroform

Concen: 40.776 ug/l

RT: 7.68 min Scan# 948

Delta R.T. 0.01 min

Lab File: VW006785.D

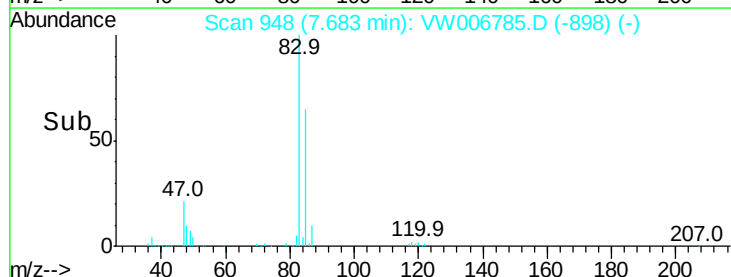
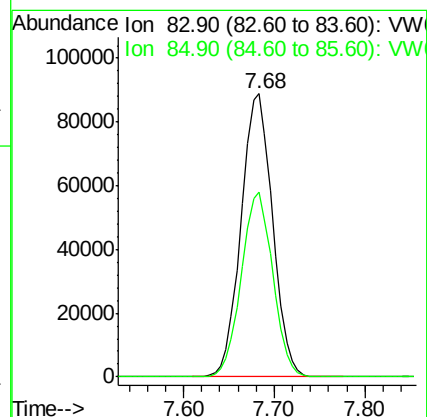
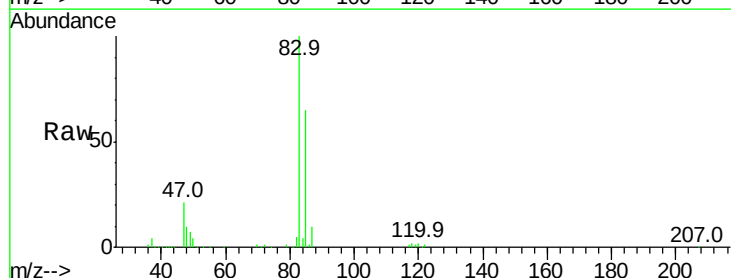
Acq: 09 Nov 2018 13:32

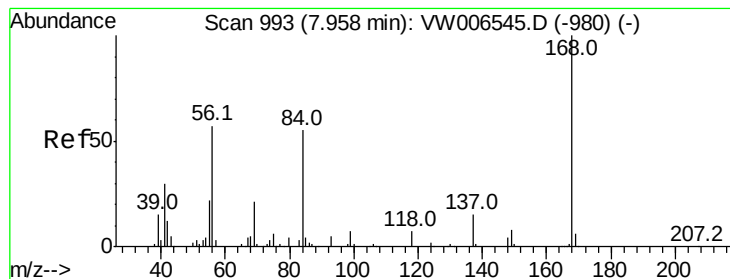
Tgt Ion: 83 Resp: 213682

Ion Ratio Lower Upper

83 100

85 65.1 51.3 76.9





#31

Cyclohexane

Concen: 45.297 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

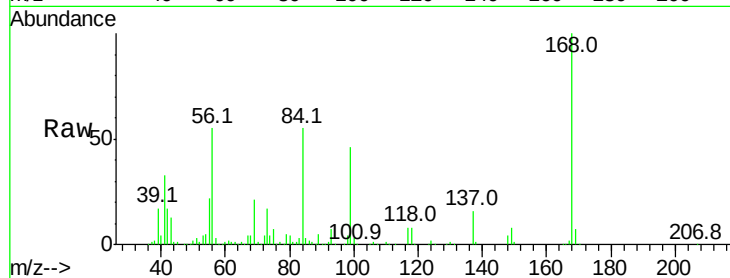
Tgt Ion: 56 Resp: 197052

Ion Ratio Lower Upper

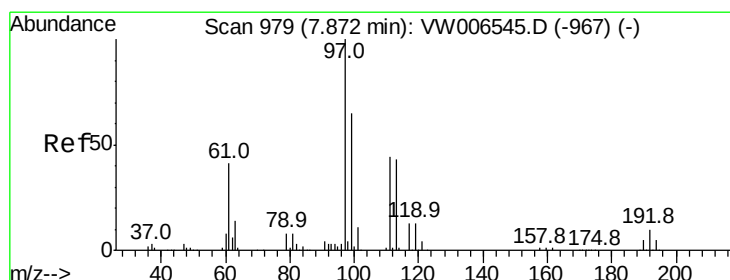
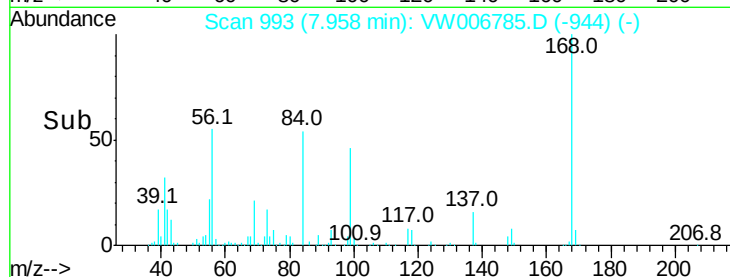
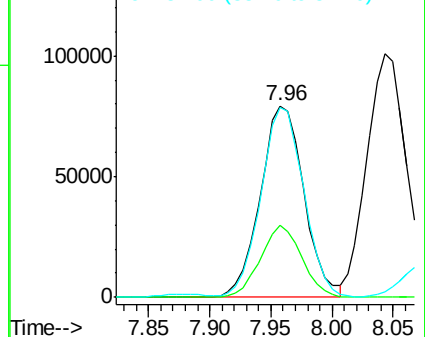
56 100

69 37.9 29.0 43.4

84 97.7 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: 45.985 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.01 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

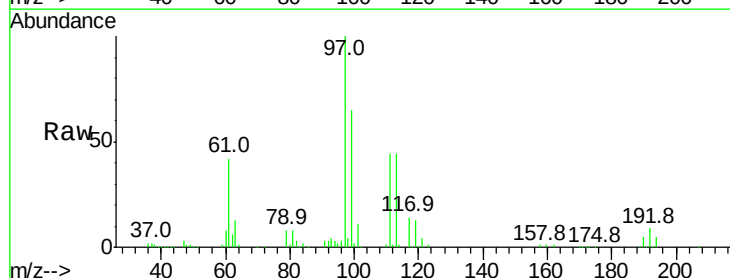
Tgt Ion: 97 Resp: 203911

Ion Ratio Lower Upper

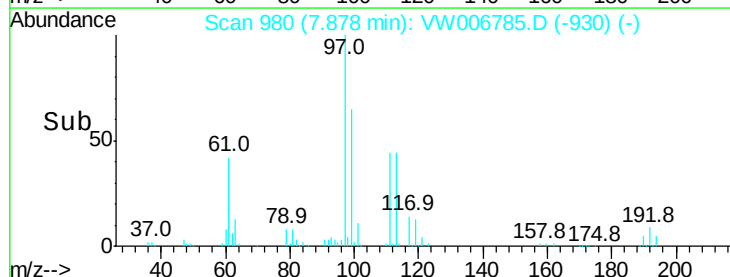
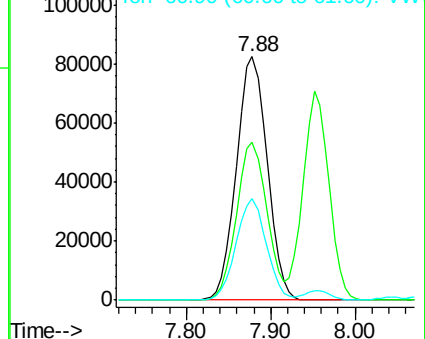
97 100

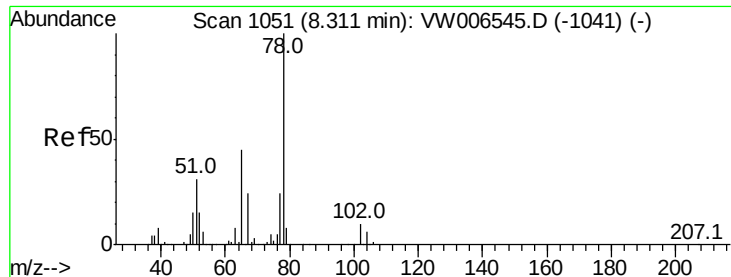
99 64.3 51.7 77.5

61 40.9 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

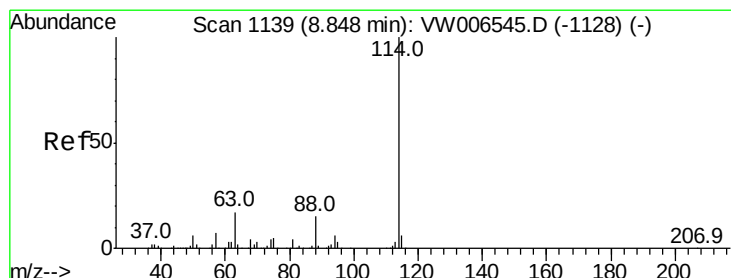
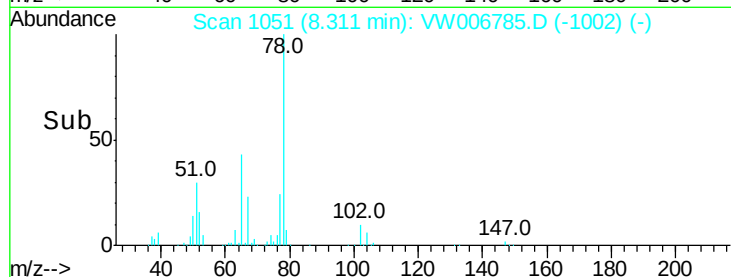
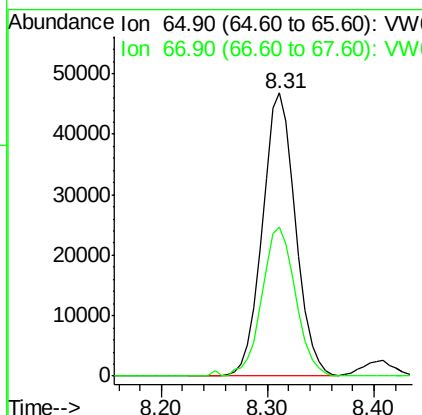
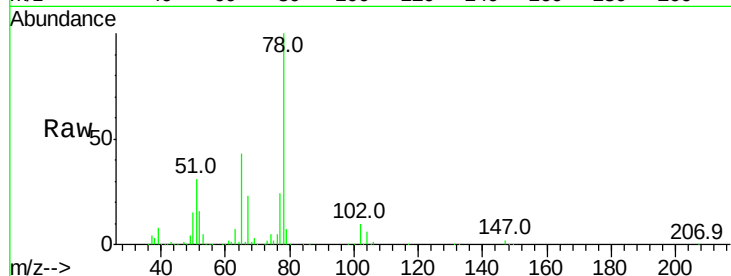




#33
 1,2-Dichloroethane-d4
 Concen: 37.232 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

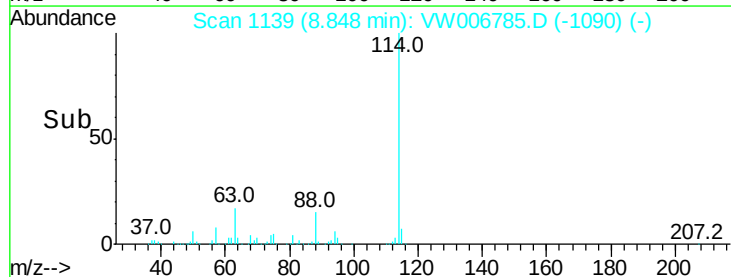
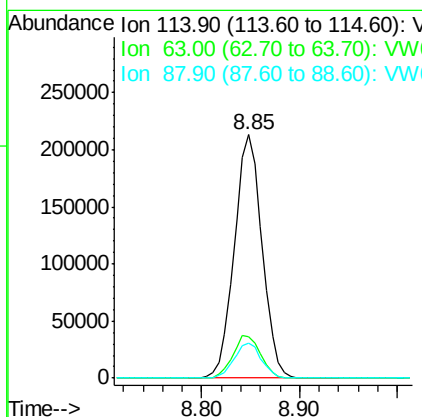
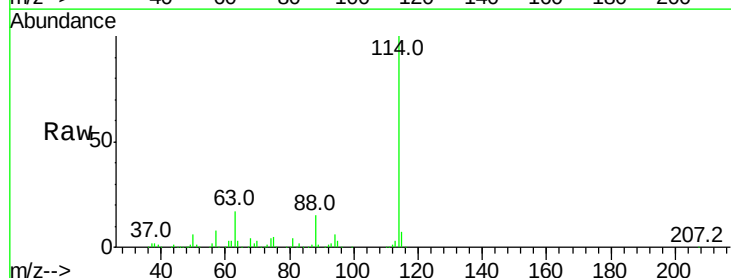
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

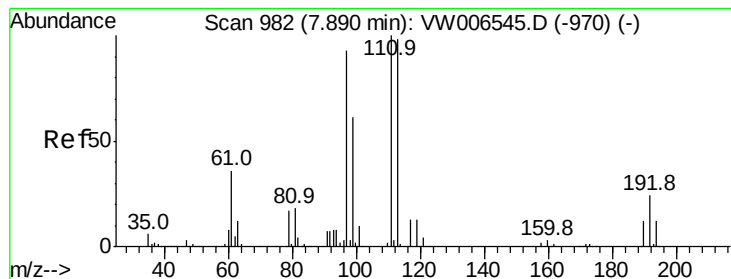
Tgt Ion: 65 Resp: 101686
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

Tgt Ion: 114 Resp: 416856
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 34.4
 88 14.6 0.0 29.0





#35

Dibromofluoromethane

Concen: 41.543 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

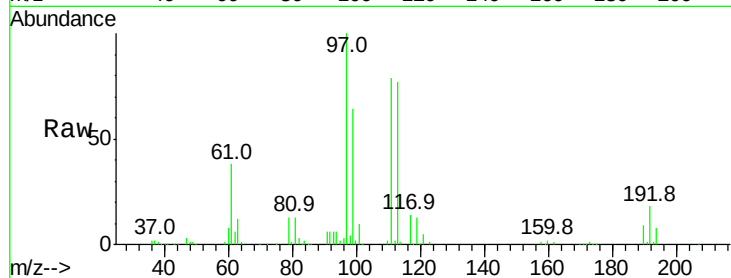
Tgt Ion:113 Resp: 108680

Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.2

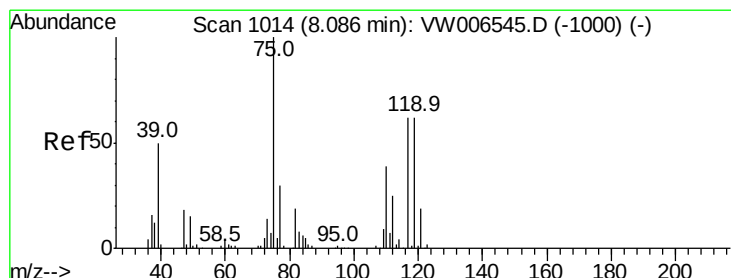
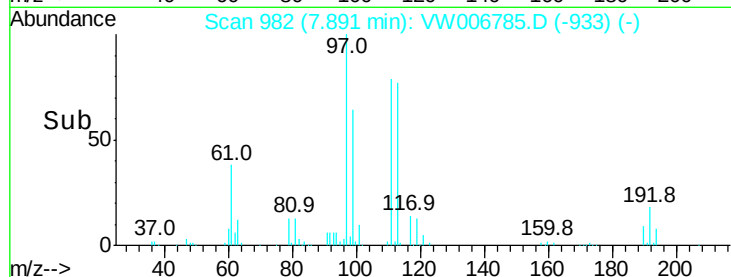
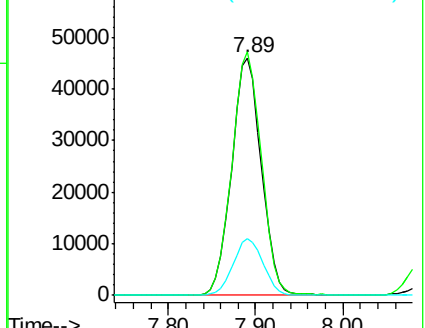
192 23.9 19.0 28.6



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: 48.749 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

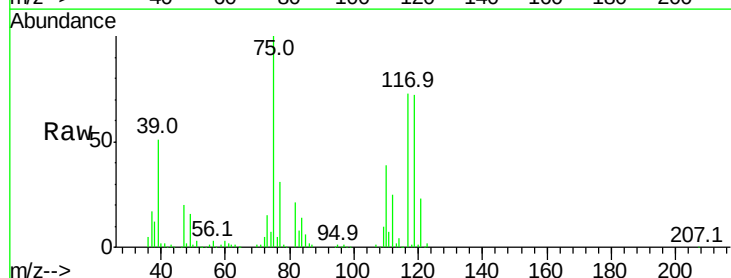
Tgt Ion: 75 Resp: 178706

Ion Ratio Lower Upper

75 100

110 39.1 19.5 58.5

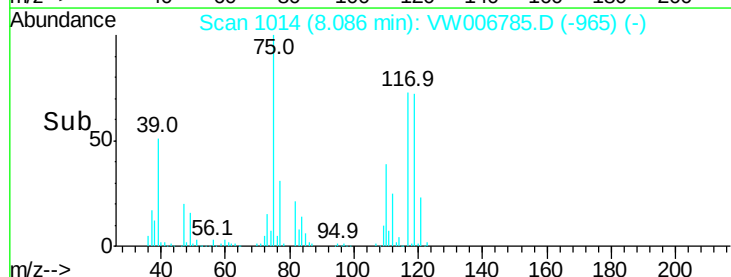
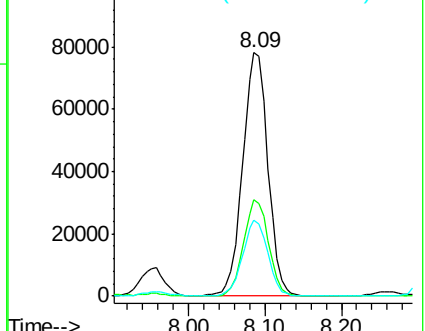
77 31.1 24.6 37.0

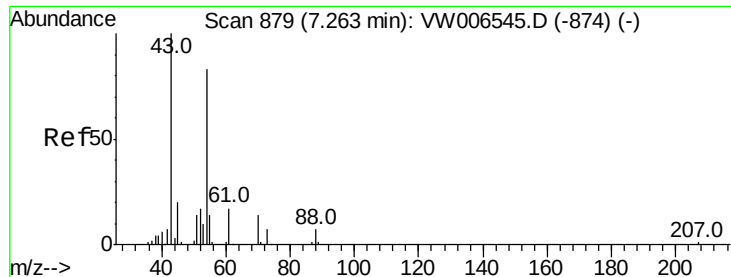


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

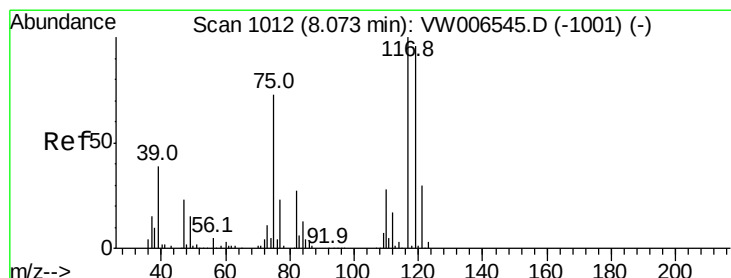
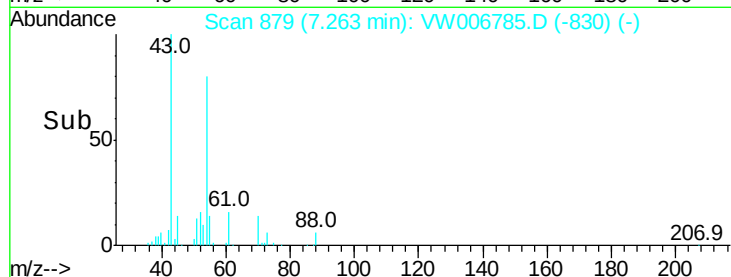
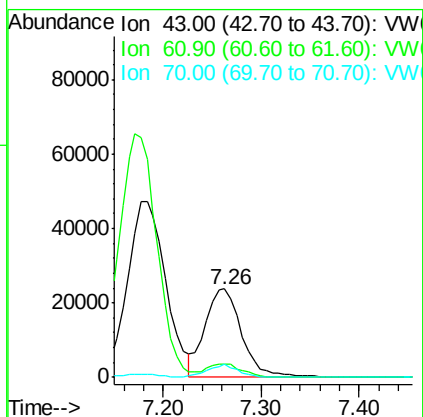
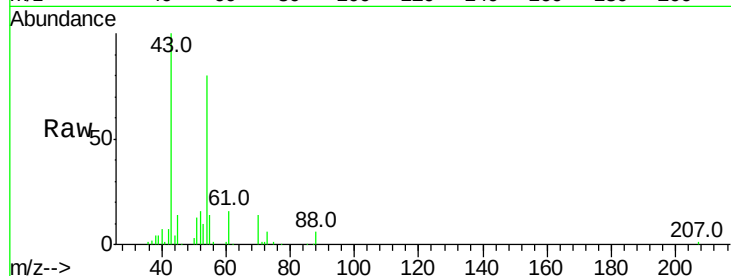




#37
Ethyl Acetate
Concen: 48.319 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

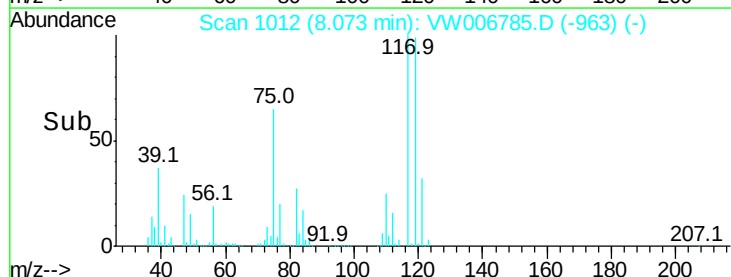
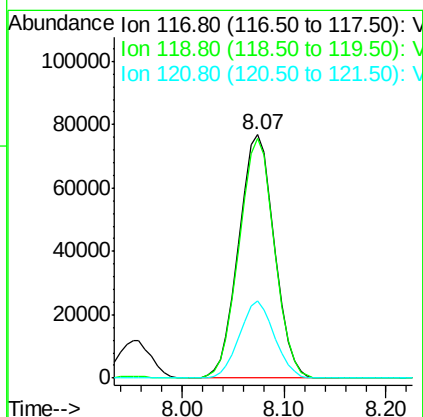
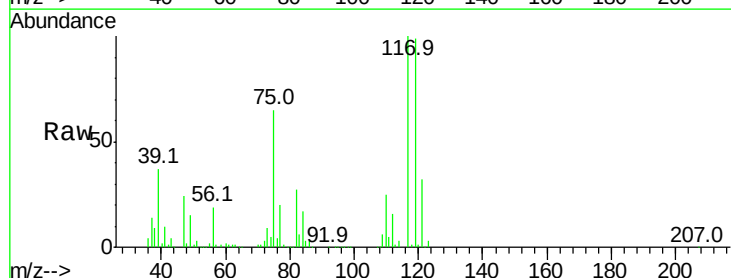
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

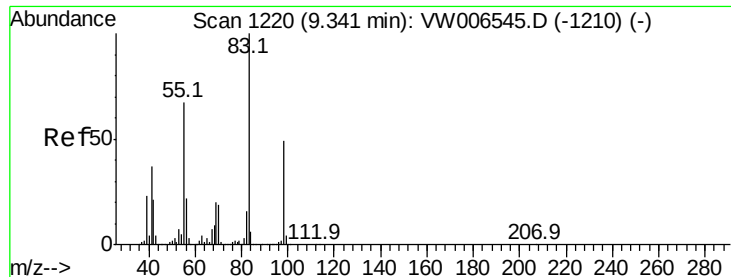
Tgt Ion: 43 Resp: 61383
Ion Ratio Lower Upper
43 100
61 15.2 12.1 18.1
70 12.3 9.8 14.6



#38
Carbon Tetrachloride
Concen: 48.709 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Tgt Ion: 117 Resp: 186582
Ion Ratio Lower Upper
117 100
119 98.6 76.3 114.5
121 31.6 24.1 36.1

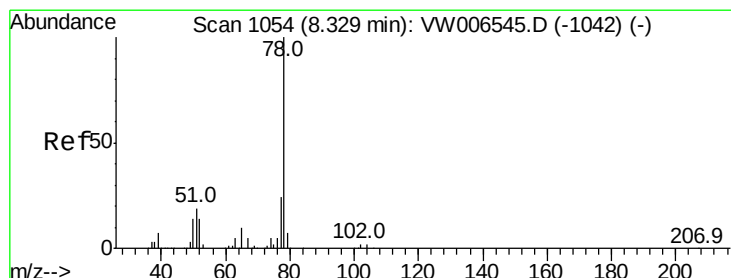
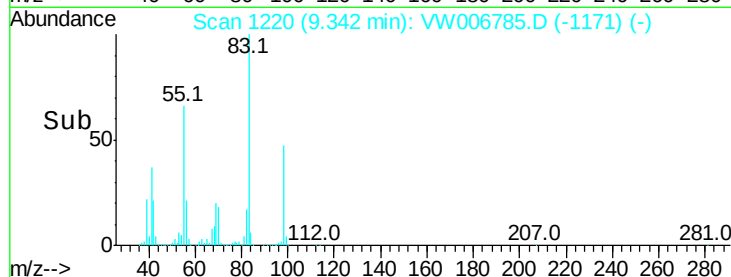
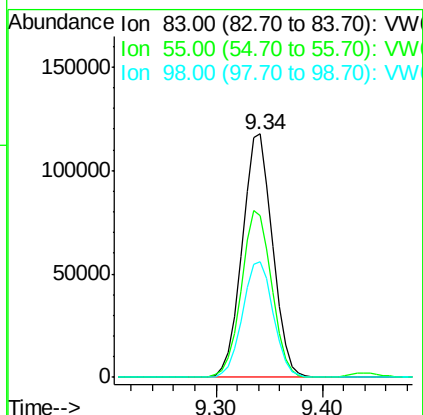
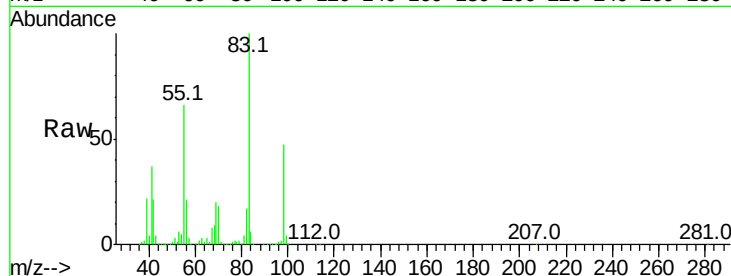




#39
Methylcyclohexane
Concen: 50.722 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

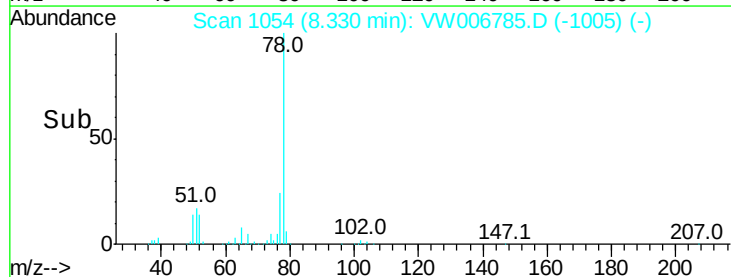
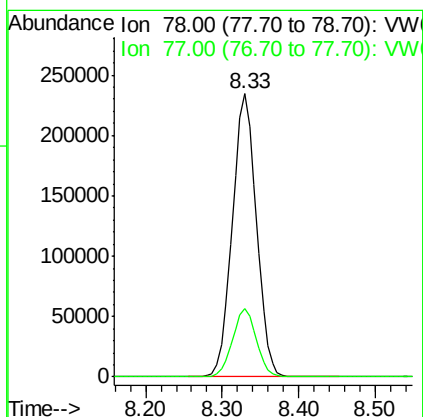
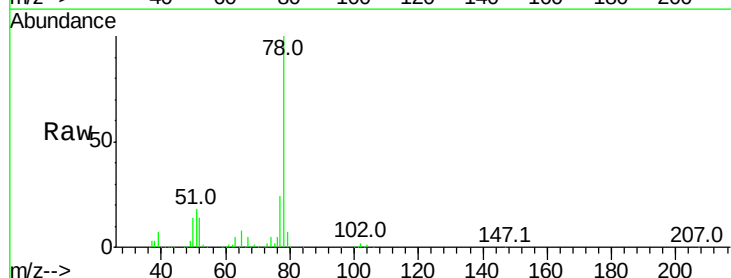
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

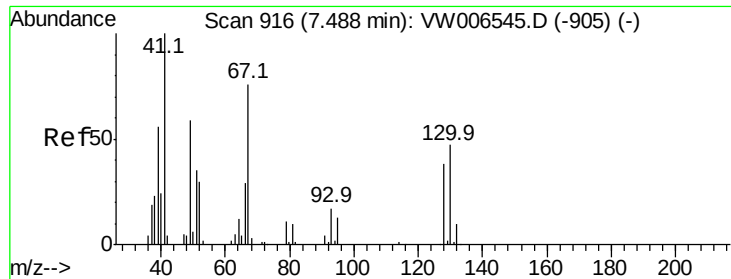
Tgt Ion: 83 Resp: 235963
Ion Ratio Lower Upper
83 100
55 66.2 53.7 80.5
98 47.4 39.2 58.8



#40
Benzene
Concen: 48.976 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Tgt Ion: 78 Resp: 509961
Ion Ratio Lower Upper
78 100
77 24.3 19.2 28.8

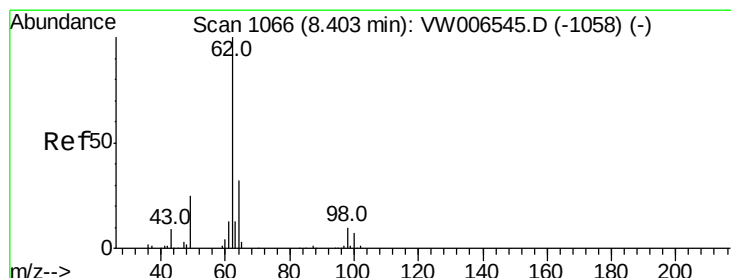
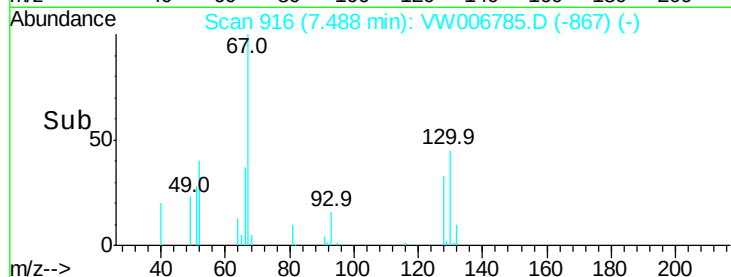
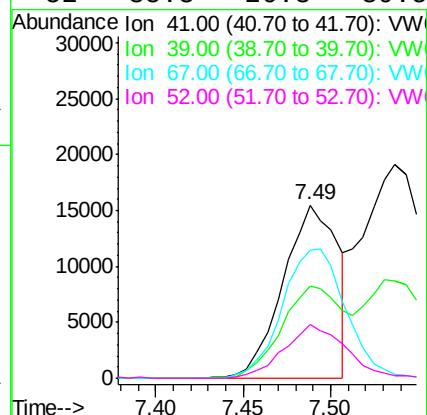
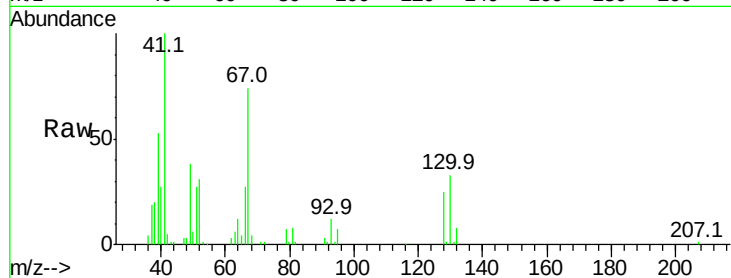




#41
Methacrylonitrile
Concen: 43.444 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

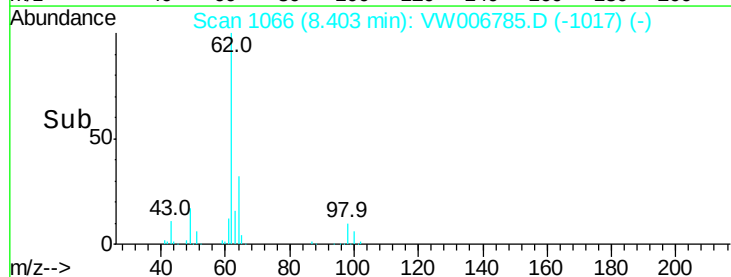
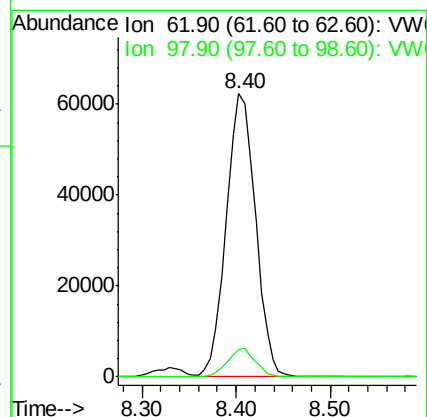
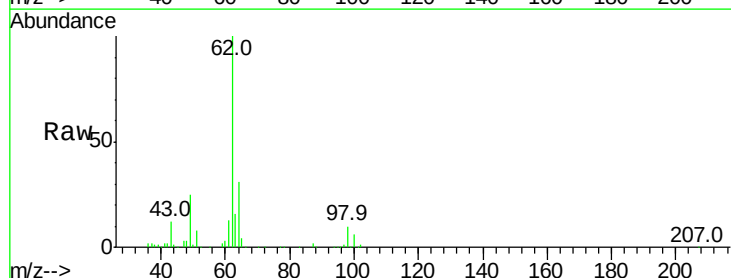
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

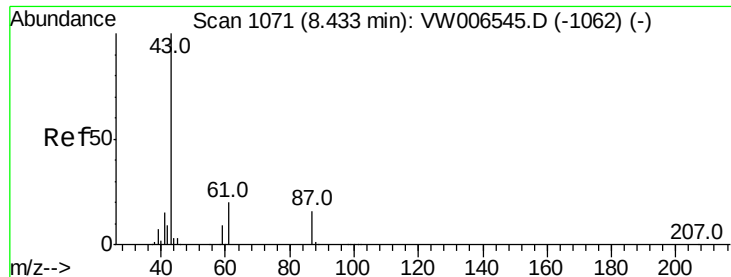
Tgt Ion:	41	Resp:	33842
Ion	Ratio	Lower	Upper
41	100		
39	61.6	44.5	66.7
67	86.6	63.8	95.8
52	35.3	26.3	39.5



#42
1,2-Dichloroethane
Concen: 45.175 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Tgt Ion:	62	Resp:	134899
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.8





#43

Isopropyl Acetate

Concen: 46.495 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

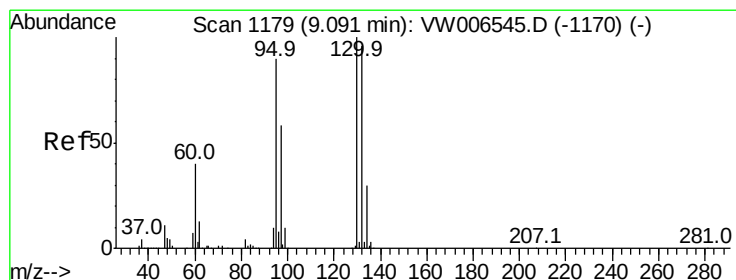
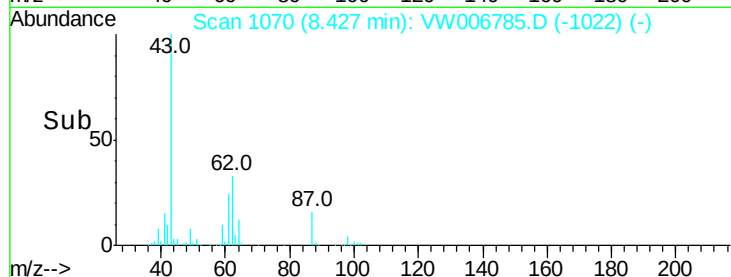
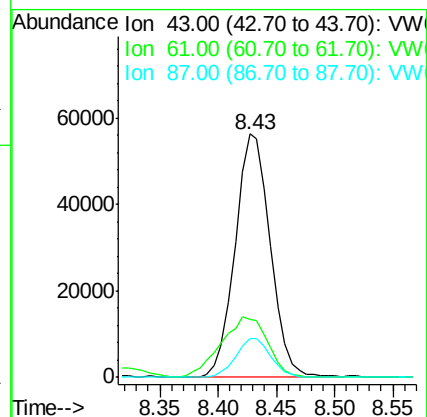
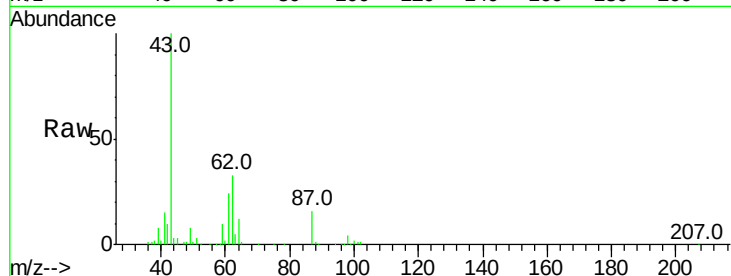
Tgt Ion: 43 Resp: 117866

Ion Ratio Lower Upper

43 100

61 33.1 27.2 40.8

87 16.0 12.9 19.3



#44

Trichloroethene

Concen: 48.151 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW006785.D

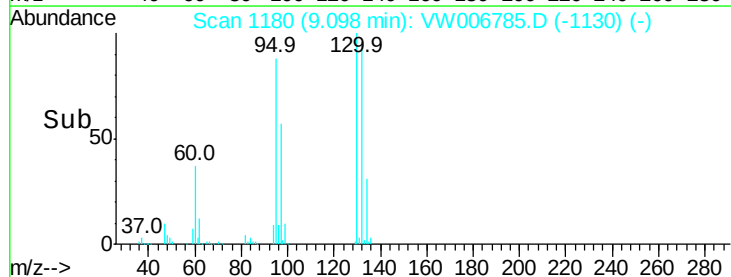
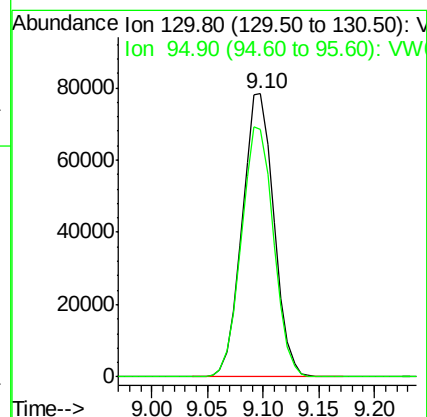
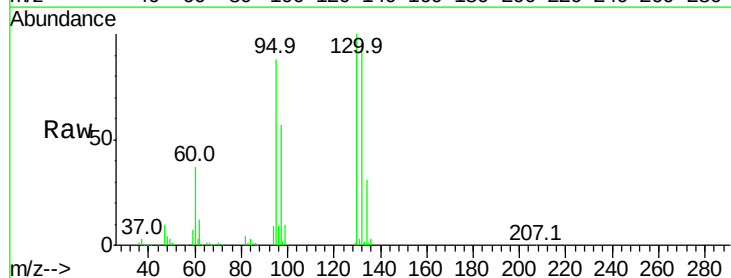
Acq: 09 Nov 2018 13:32

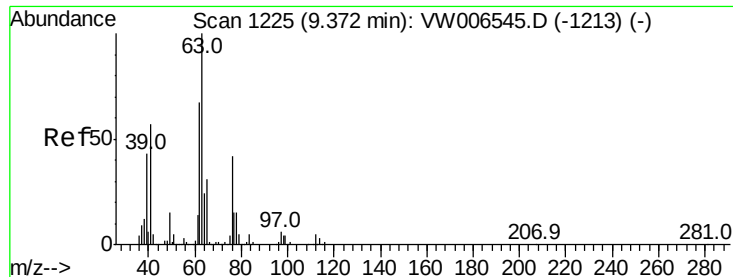
Tgt Ion: 130 Resp: 154715

Ion Ratio Lower Upper

130 100

95 87.5 0.0 179.2

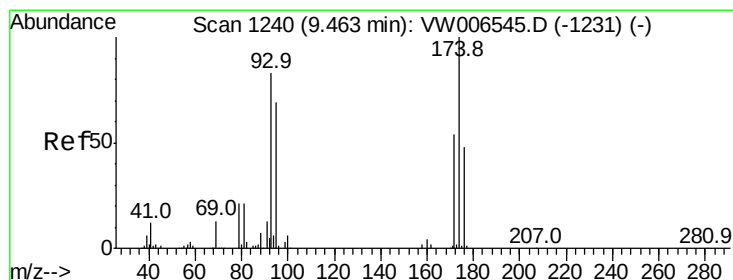
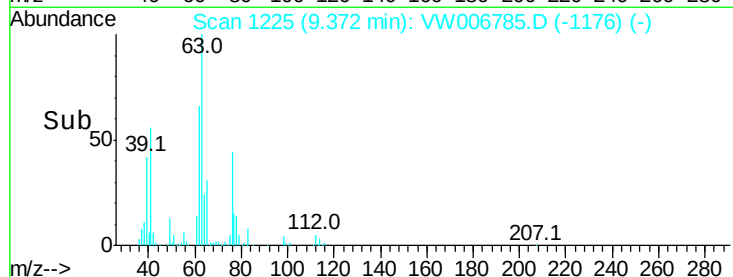
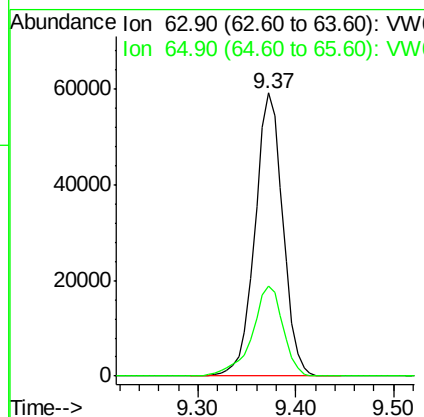
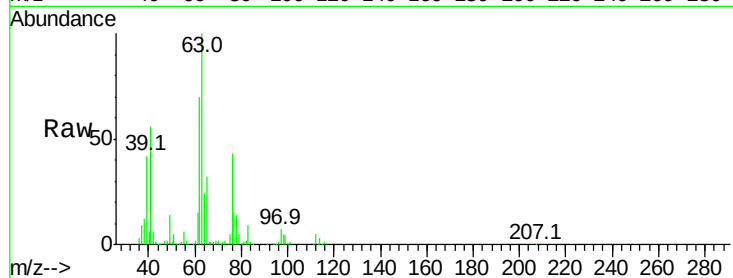




#45
 1,2-Dichloropropane
 Concen: 48.535 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

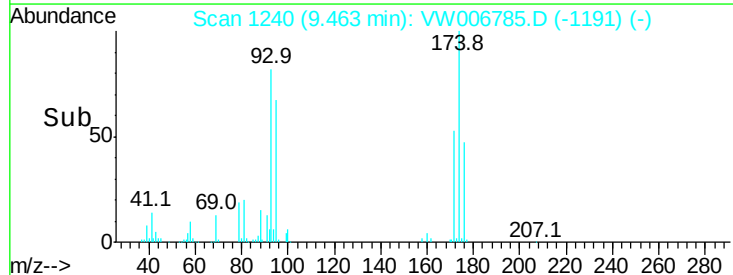
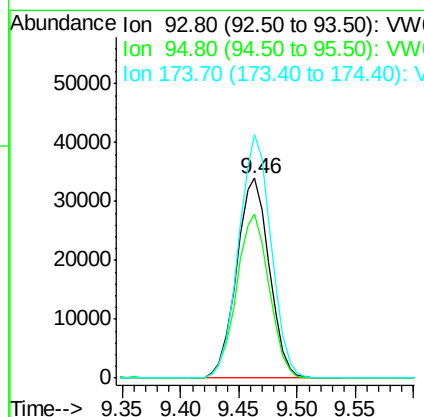
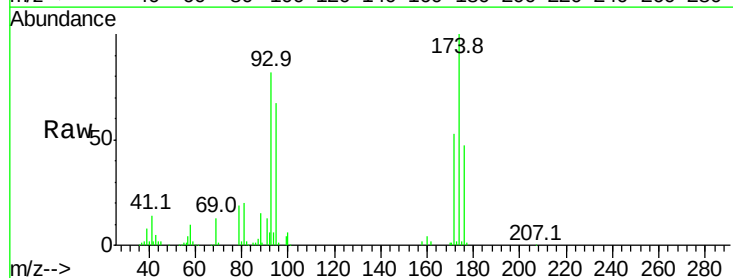
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

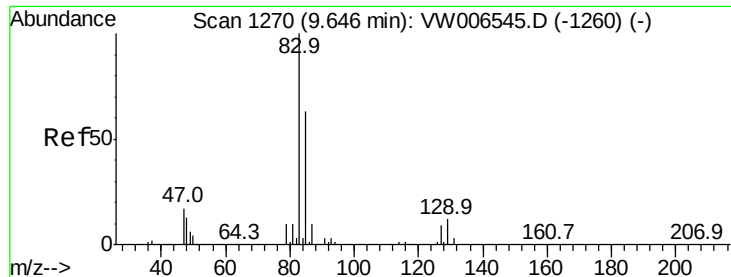
Tgt Ion: 63 Resp: 117607
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.1 37.7



#46
 Dibromomethane
 Concen: 46.747 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

Tgt Ion: 93 Resp: 66588
 Ion Ratio Lower Upper
 93 100
 95 81.7 67.2 100.8
 174 120.5 97.3 145.9





#47

Bromodichloromethane

Concen: 48.415 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

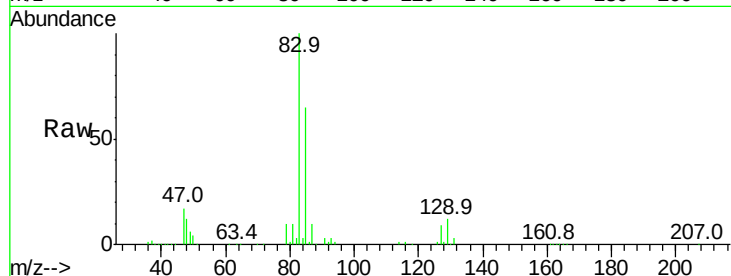
Tgt Ion: 83 Resp: 160126

Ion Ratio Lower Upper

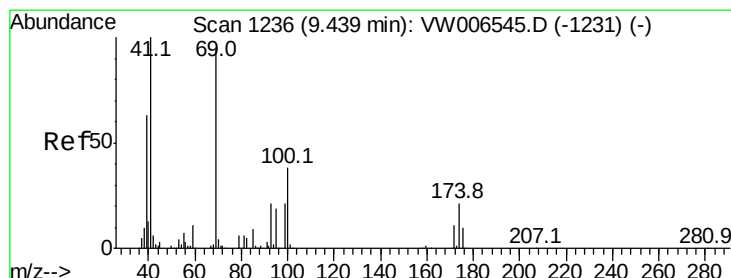
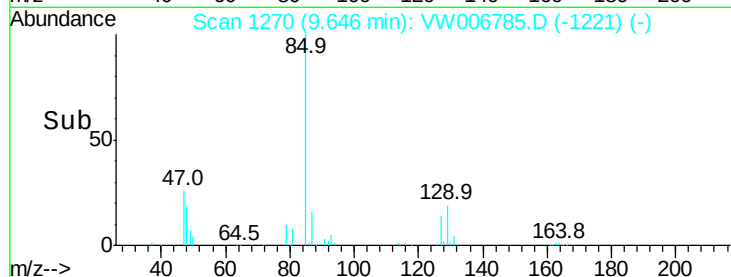
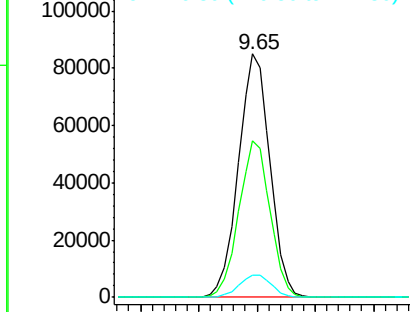
83 100

85 64.5 50.6 75.8

127 9.3 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: 47.350 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

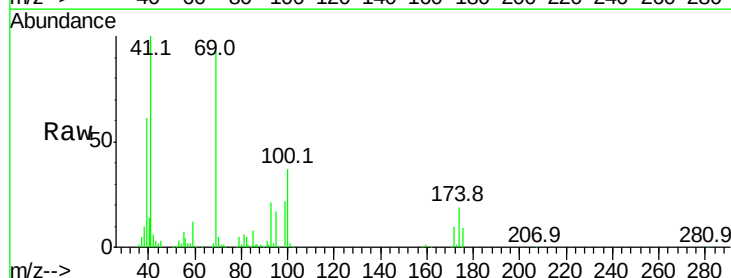
Tgt Ion: 41 Resp: 57831

Ion Ratio Lower Upper

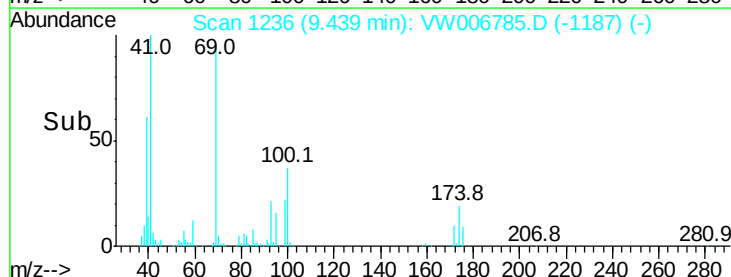
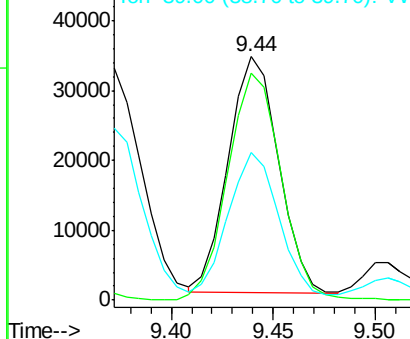
41 100

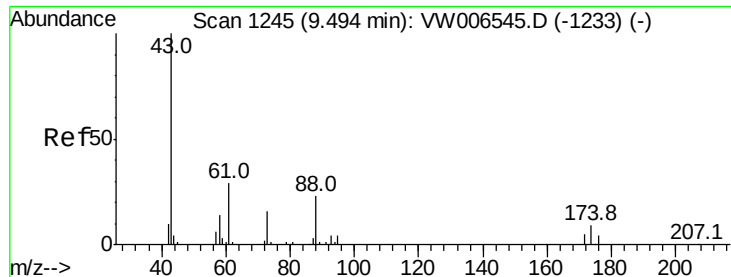
69 101.9 77.8 116.8

39 60.0 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

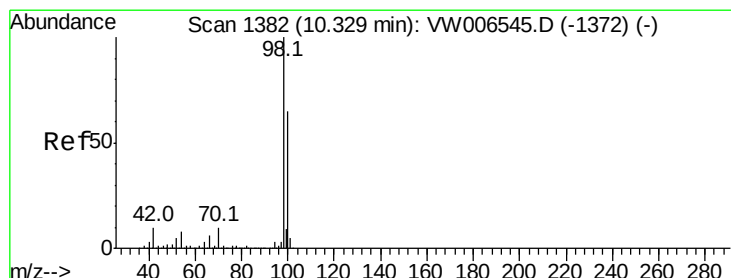
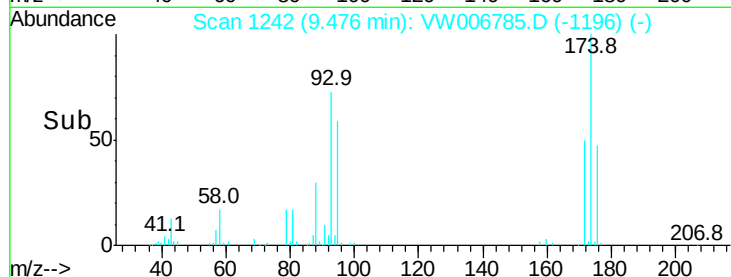
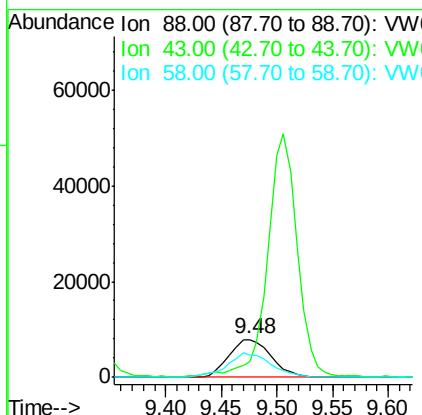
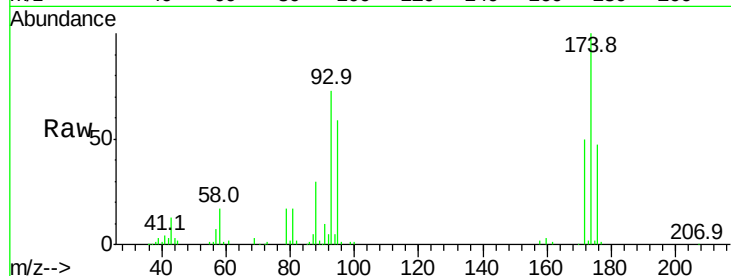




#49
1,4-Dioxane
Concen: 1002.918 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. -0.02 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

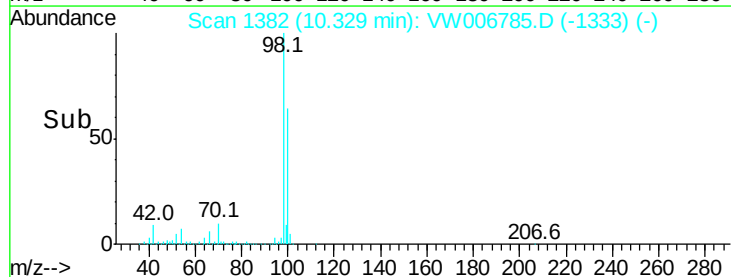
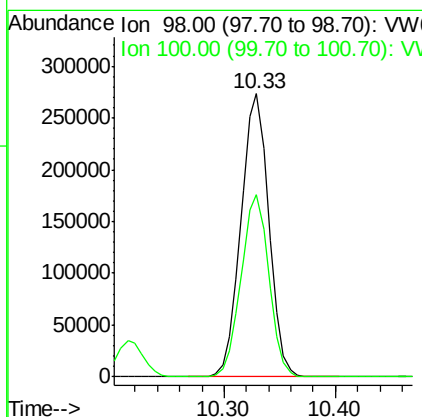
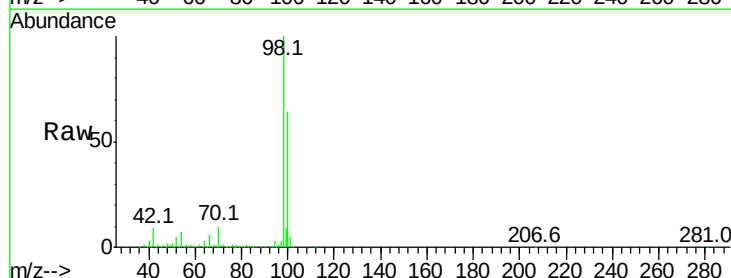
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

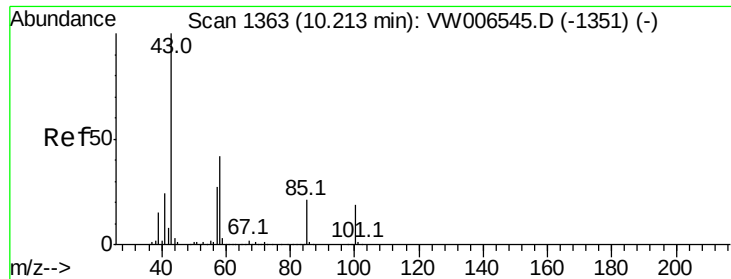
Tgt Ion: 88 Resp: 20907
Ion Ratio Lower Upper
88 100
43 0.0 356.6 534.8#
58 67.1 51.4 77.2



#50
Toluene-d8
Concen: 47.568 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Tgt Ion: 98 Resp: 473728
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4

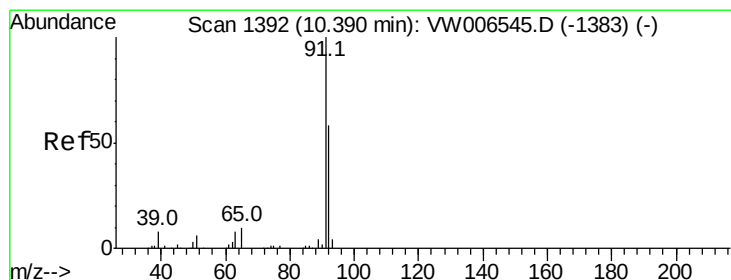
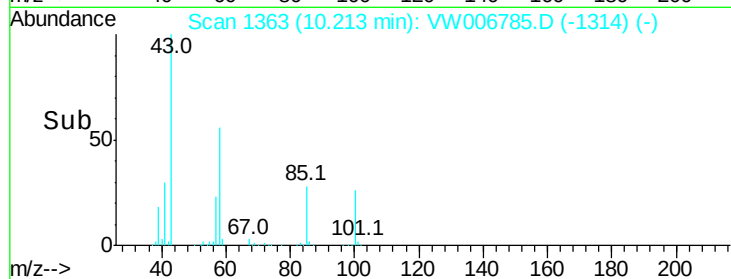
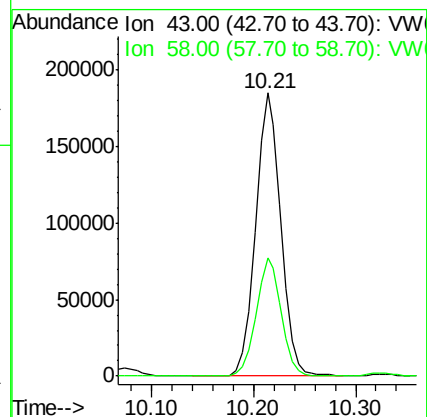
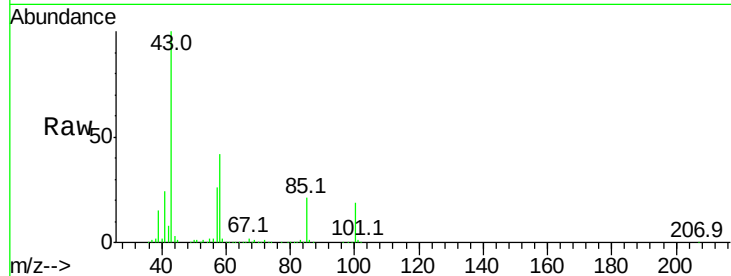




#51
4-Methyl-2-Pentanone
Concen: 243.216 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

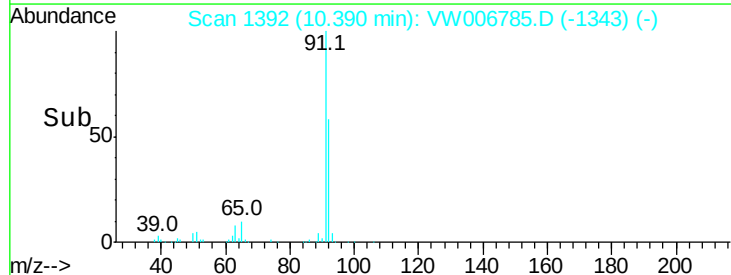
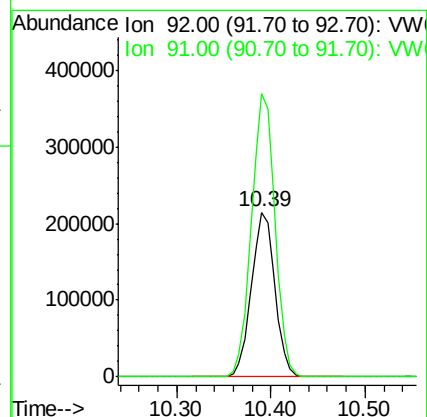
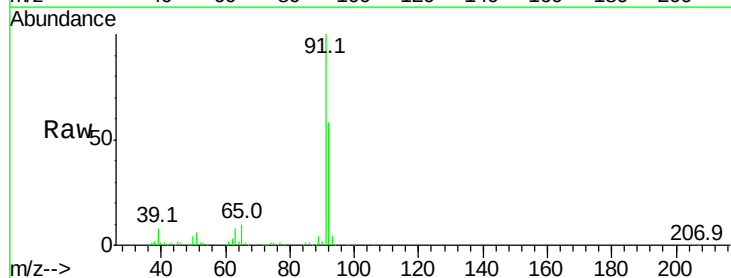
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

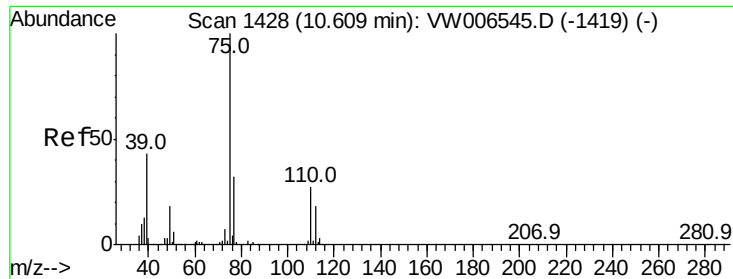
Tgt Ion: 43 Resp: 316652
Ion Ratio Lower Upper
43 100
58 41.5 33.4 50.0



#52
Toluene
Concen: 53.562 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Tgt Ion: 92 Resp: 374062
Ion Ratio Lower Upper
92 100
91 173.2 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 51.105 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampled :

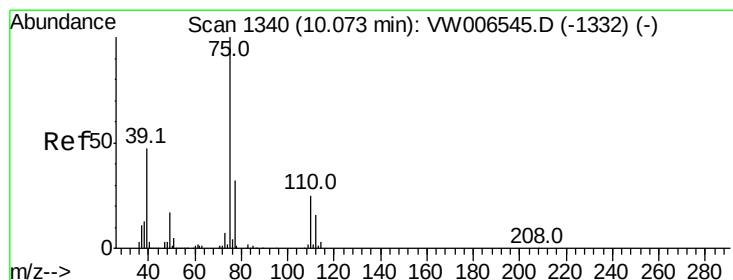
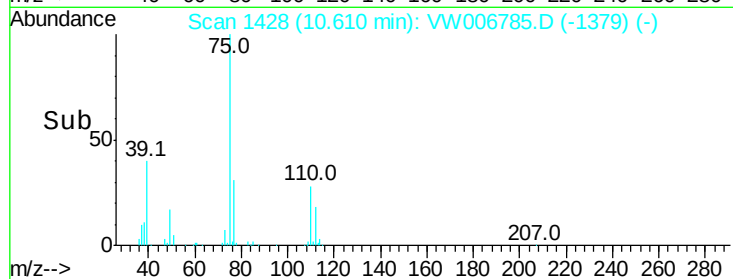
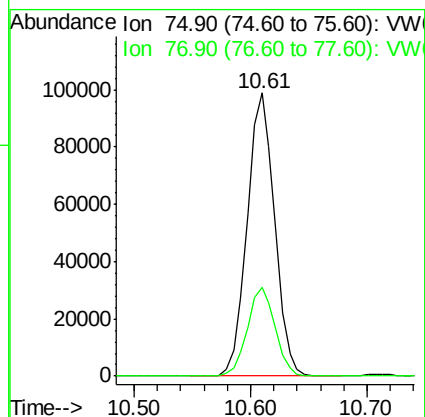
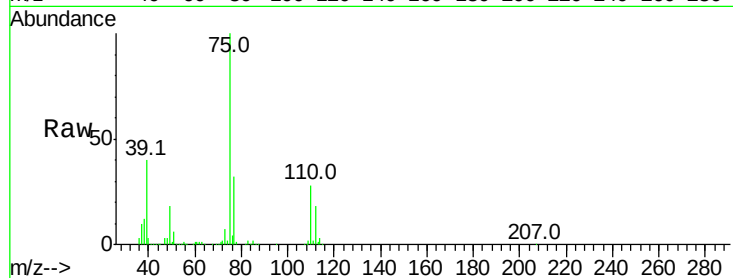
VSTDICCC050

Tgt Ion: 75 Resp: 162670

Ion Ratio Lower Upper

75 100

77 31.4 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 49.918 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

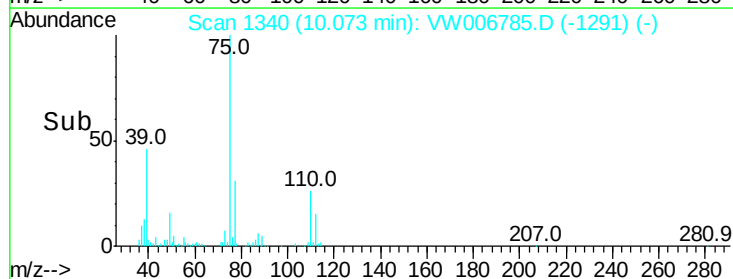
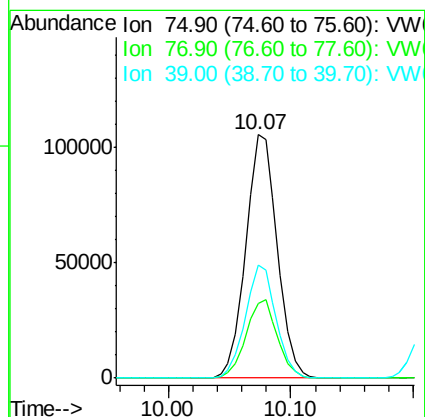
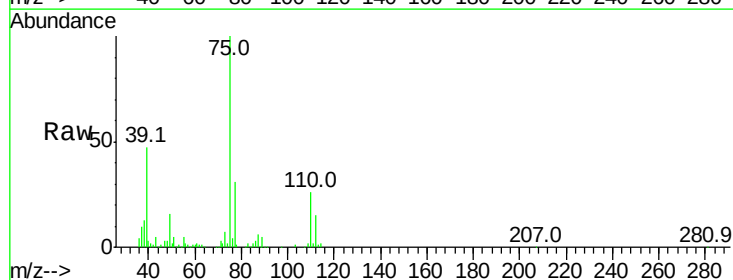
Tgt Ion: 75 Resp: 187766

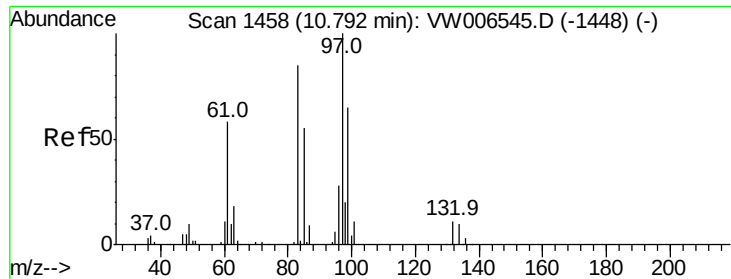
Ion Ratio Lower Upper

75 100

77 30.8 25.7 38.5

39 46.4 37.3 55.9

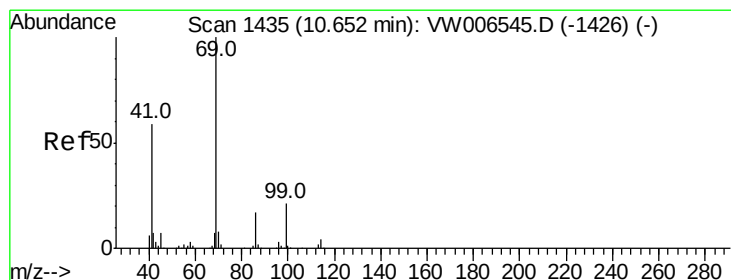
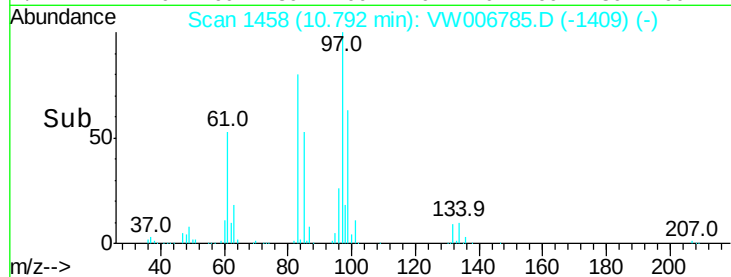
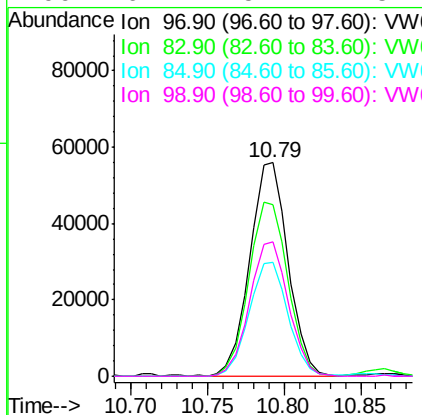
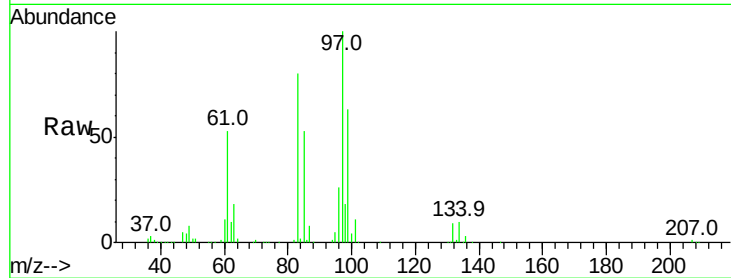




#55
 1,1,2-Trichloroethane
 Concen: 48.167 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

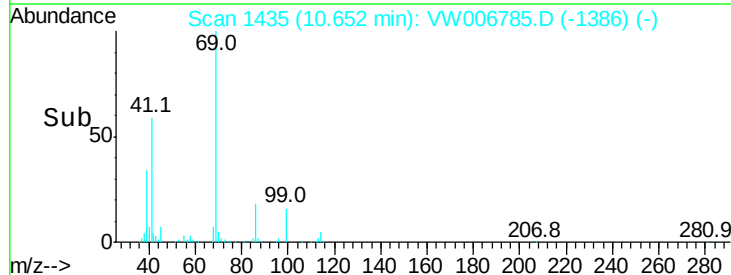
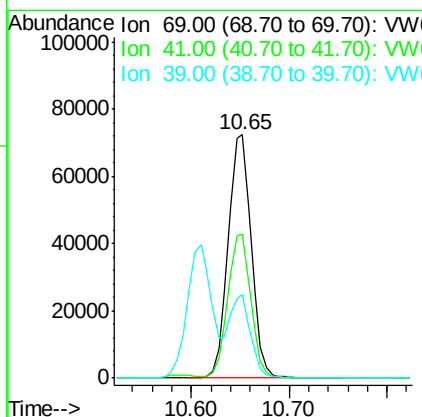
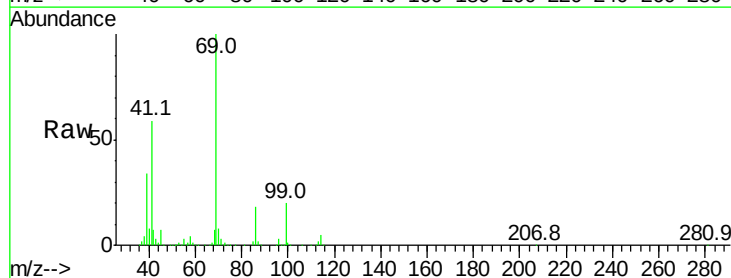
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

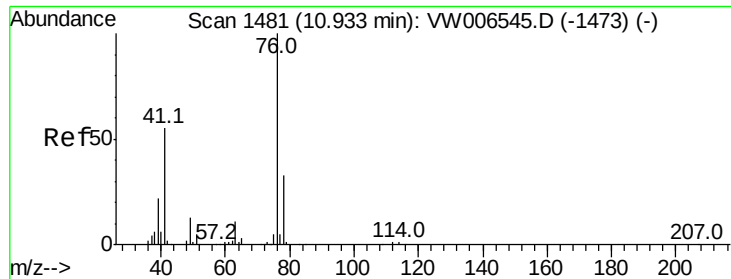
Tgt Ion:	97	Resp:	97348
Ion	Ratio	Lower	Upper
97	100		
83	80.5	67.9	101.9
85	53.2	44.0	66.0
99	62.7	52.2	78.2



#56
 Ethyl methacrylate
 Concen: 51.702 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

Tgt Ion:	69	Resp:	118766
Ion	Ratio	Lower	Upper
69	100		
41	59.0	47.4	71.2
39	29.2	25.3	37.9





#57

1,3-Dichloropropane

Concen: 48.163 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. 0.01 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampled :

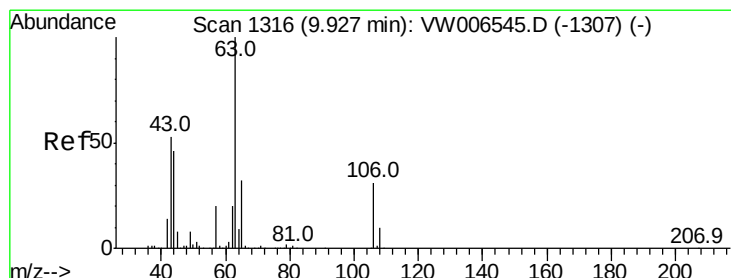
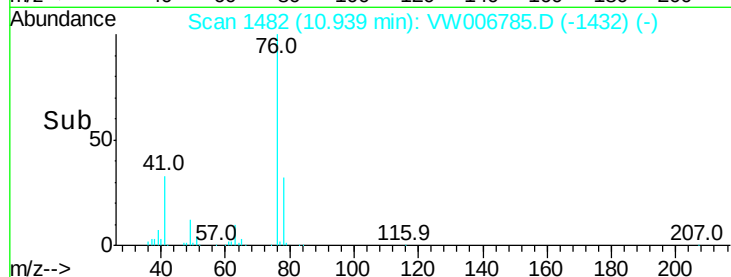
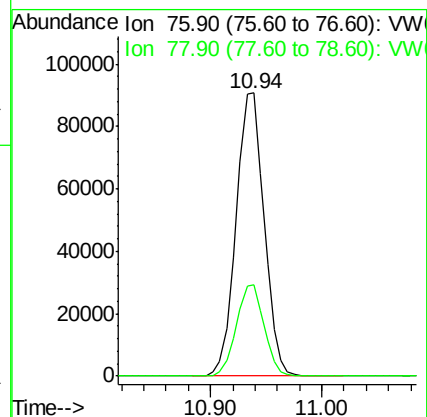
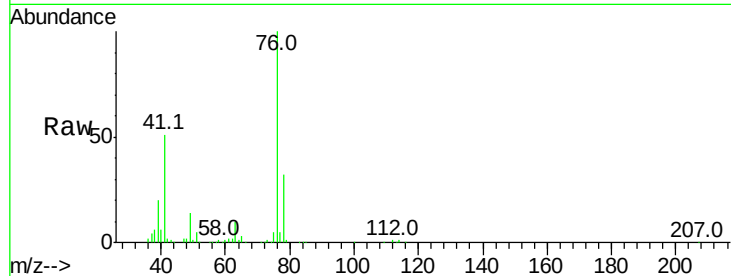
VSTDICCC050

Tgt Ion: 76 Resp: 158062

Ion Ratio Lower Upper

76 100

78 31.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 248.630 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW006785.D

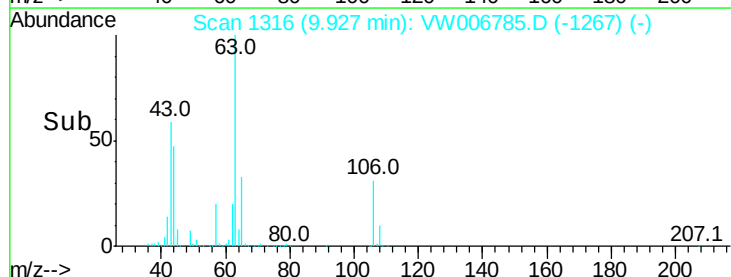
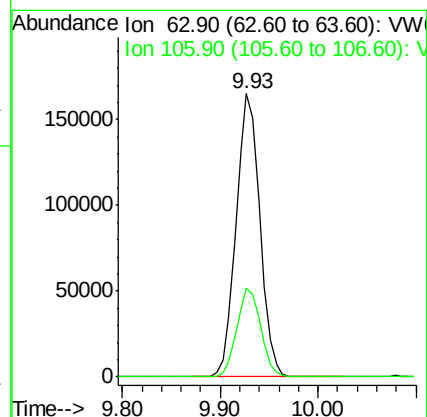
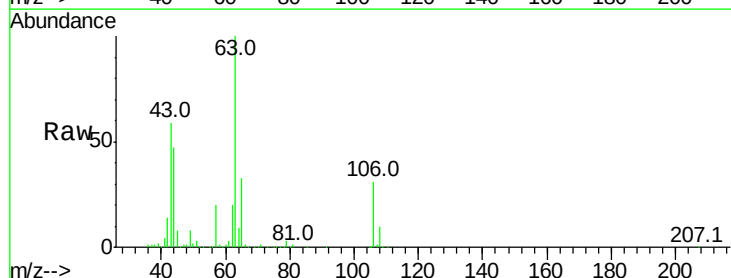
Acq: 09 Nov 2018 13:32

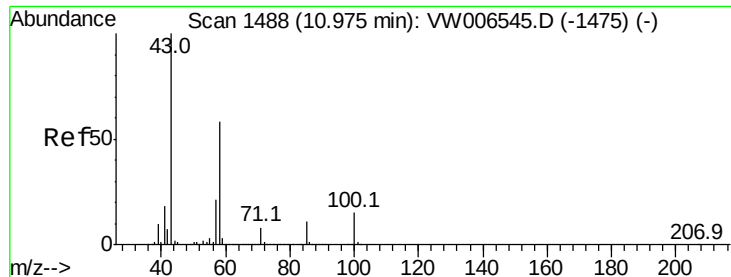
Tgt Ion: 63 Resp: 277633

Ion Ratio Lower Upper

63 100

106 31.6 25.4 38.2

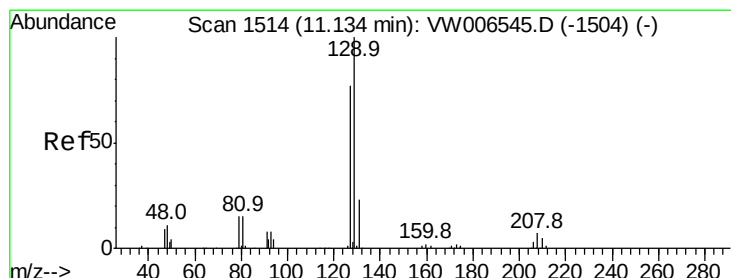
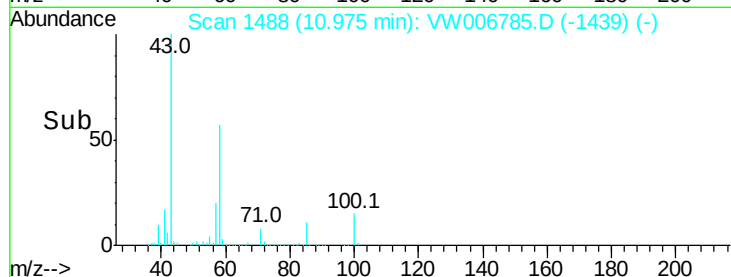
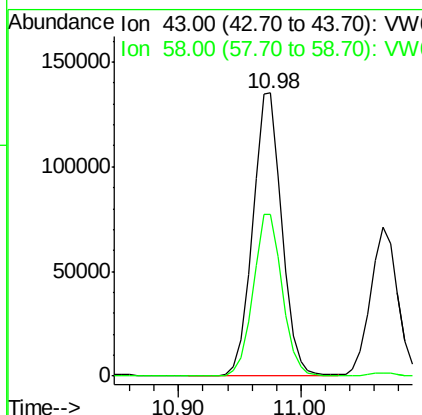
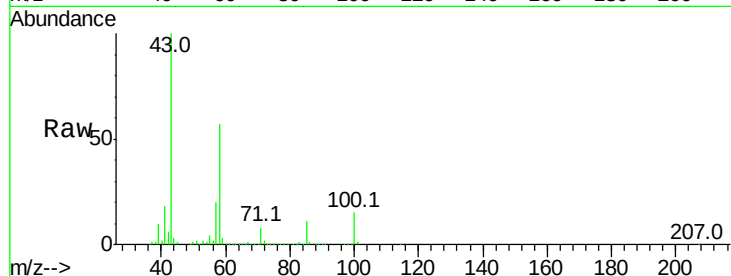




#59
2-Hexanone
Concen: 253.852 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

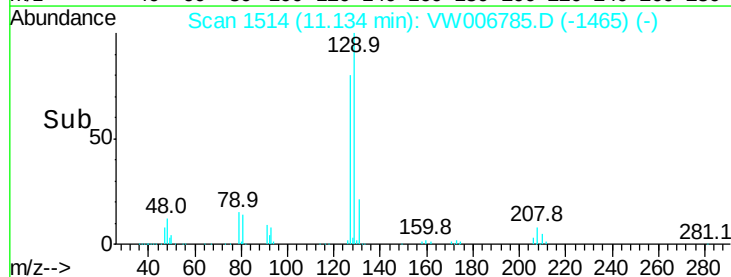
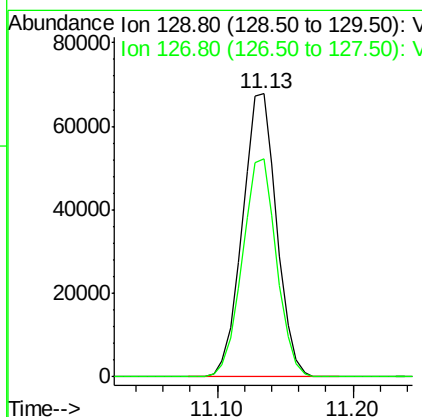
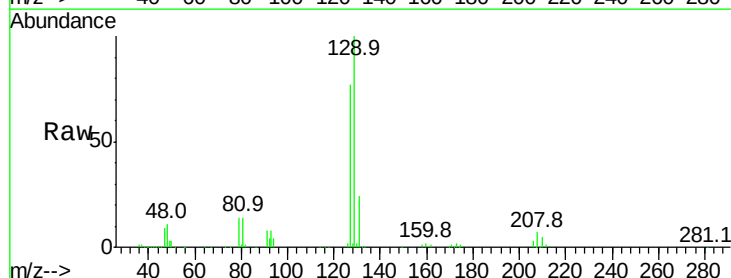
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

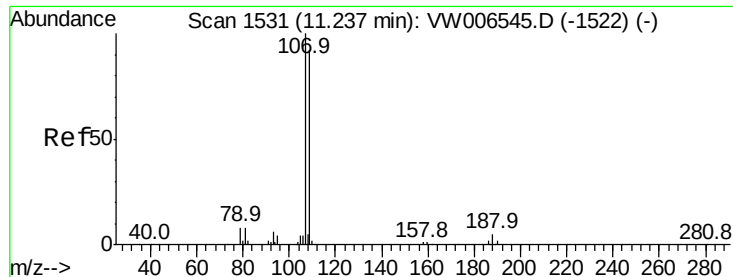
Tgt Ion: 43 Resp: 224472
Ion Ratio Lower Upper
43 100
58 57.0 28.8 86.4



#60
Dibromochloromethane
Concen: 49.736 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Tgt Ion: 129 Resp: 119095
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.3

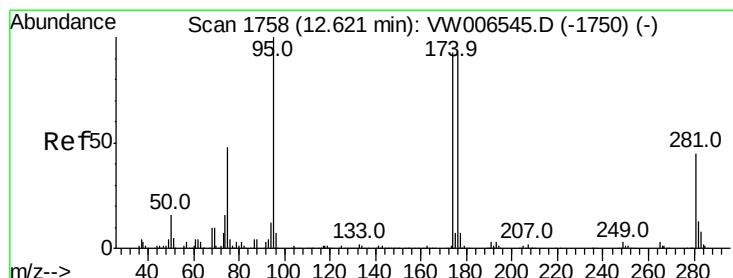
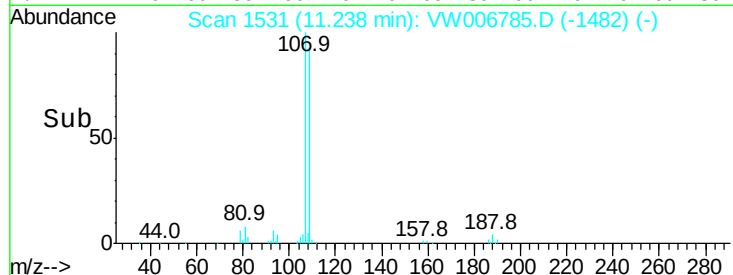
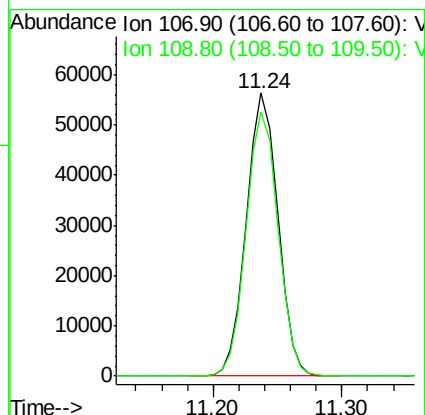
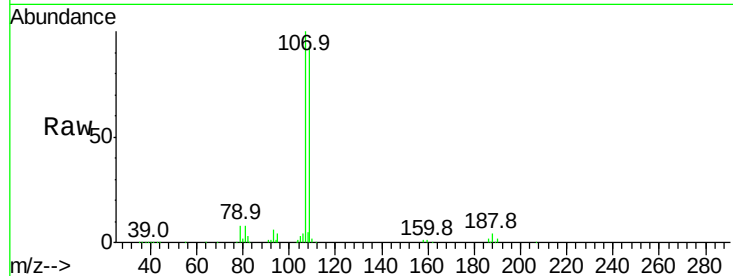




#61
 1,2-Dibromoethane
 Concen: 47.635 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

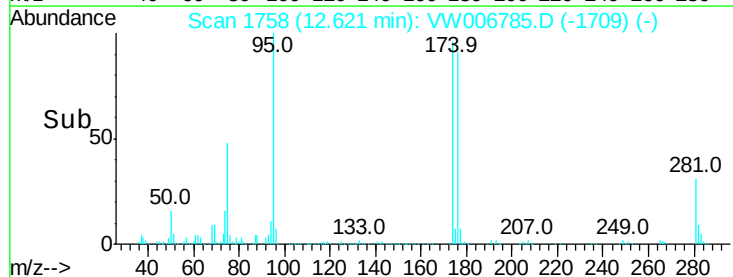
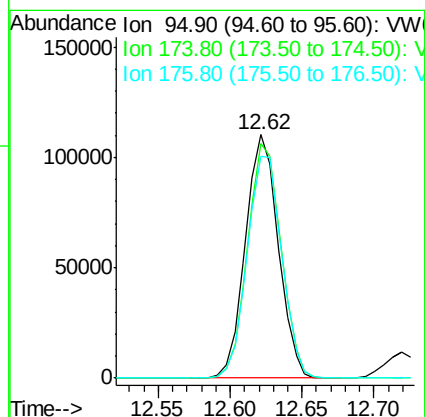
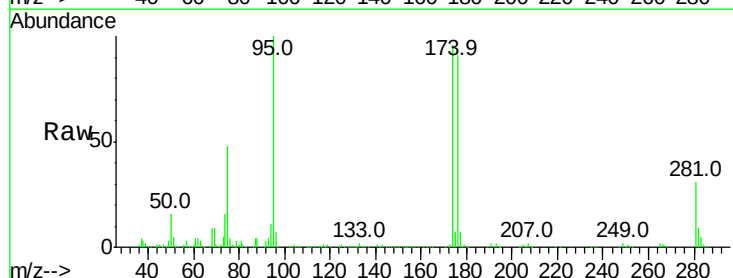
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

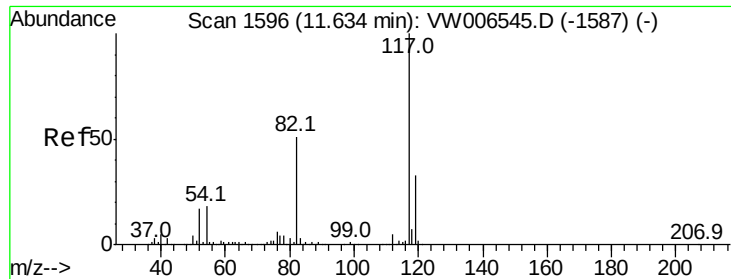
Tgt Ion: 107 Resp: 95604
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 48.234 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

Tgt Ion: 95 Resp: 174149
 Ion Ratio Lower Upper
 95 100
 174 98.1 0.0 192.4
 176 95.4 0.0 187.4

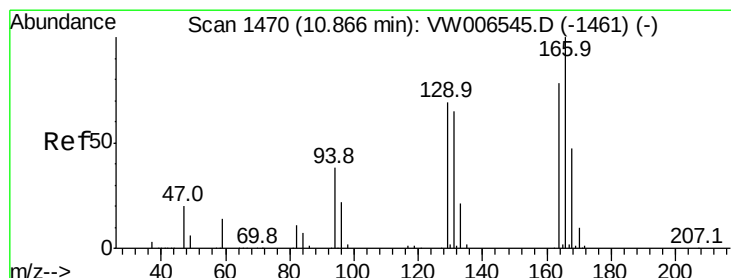
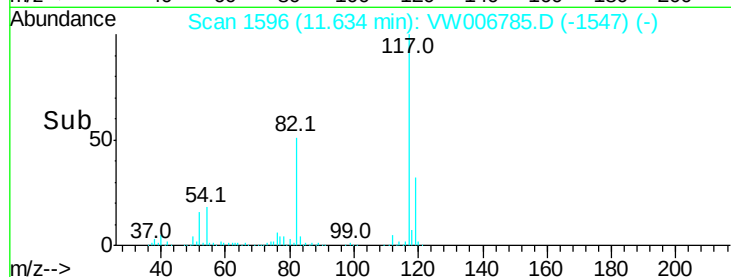
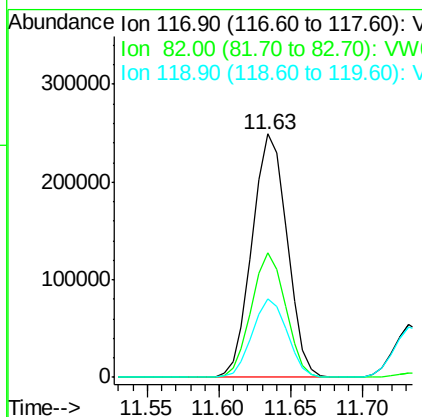
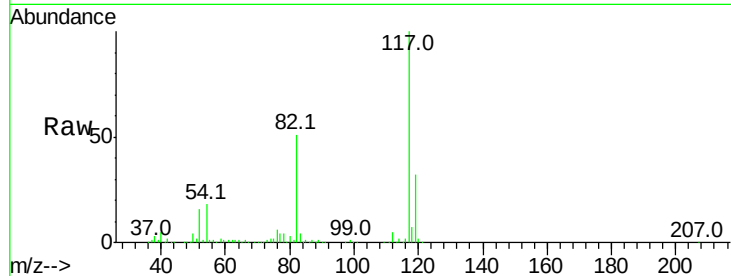




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

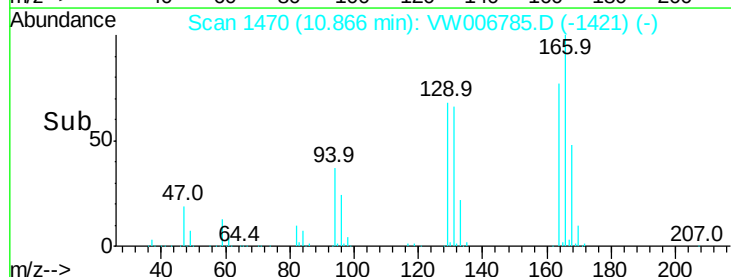
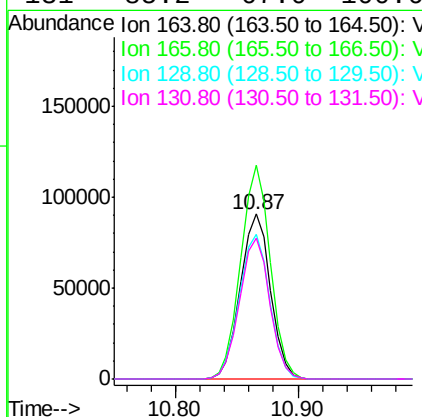
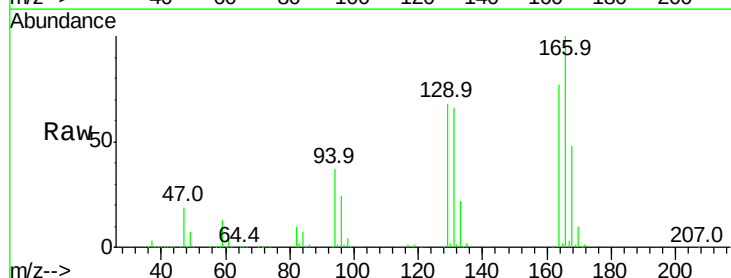
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

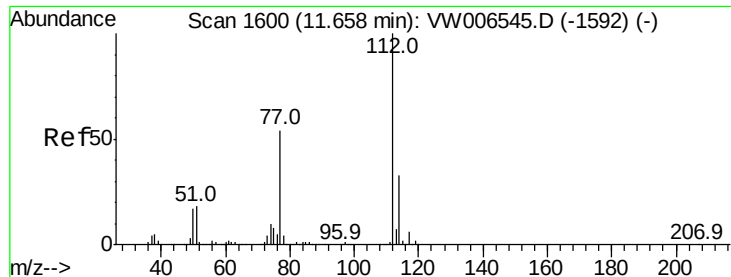
Tgt Ion:117 Resp: 419230
Ion Ratio Lower Upper
117 100
82 51.1 40.8 61.2
119 32.3 26.1 39.1



#64
Tetrachloroethene
Concen: 46.358 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Tgt Ion:164 Resp: 154923
Ion Ratio Lower Upper
164 100
166 129.6 102.8 154.2
129 88.0 70.9 106.3
131 85.2 67.0 100.6





#65

Chlorobenzene

Concen: 48.950 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

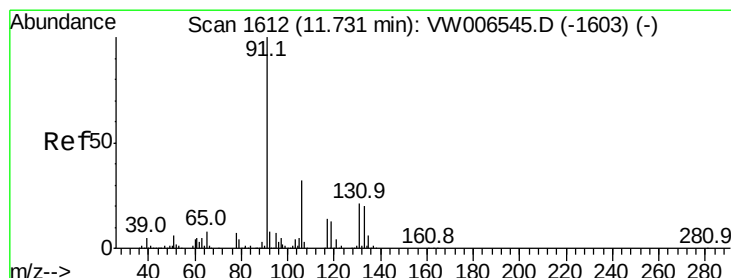
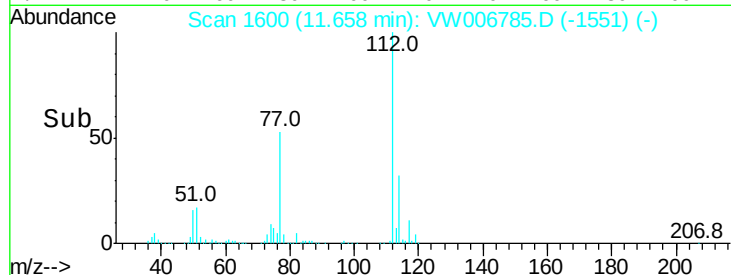
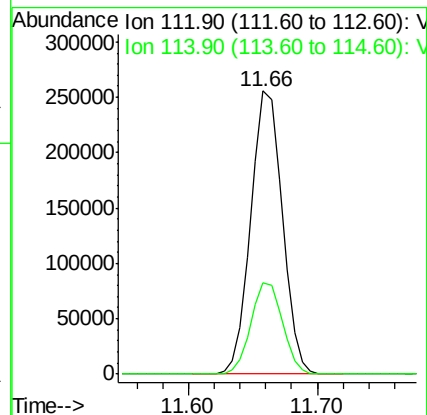
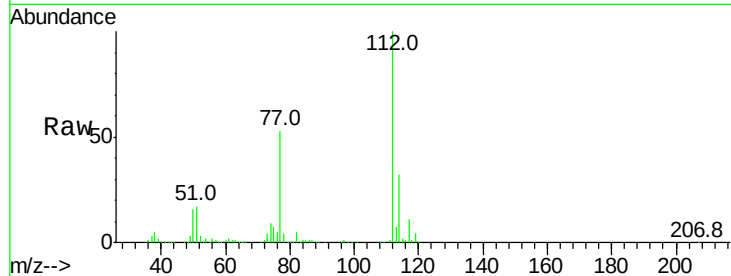
VSTDICCC050

Tgt Ion:112 Resp: 431833

Ion Ratio Lower Upper

112 100

114 32.4 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 43.962 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

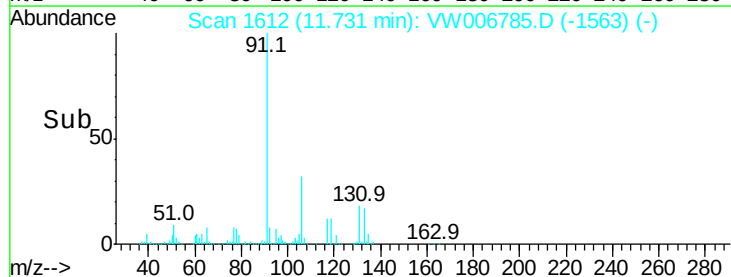
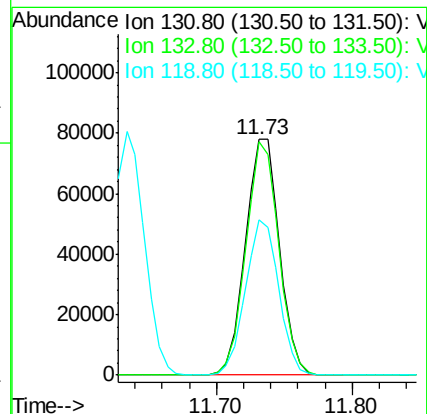
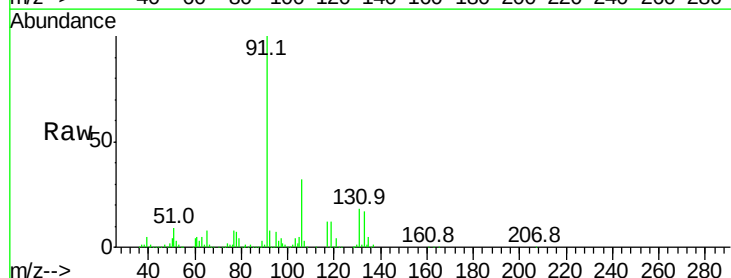
Tgt Ion:131 Resp: 136312

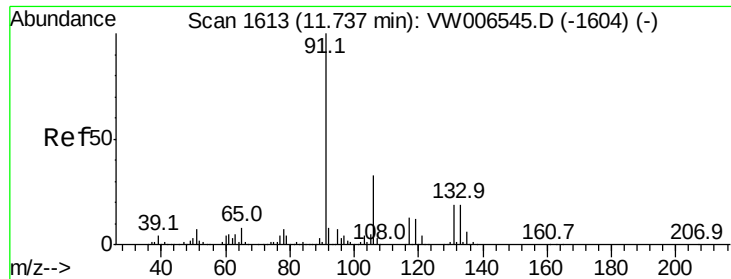
Ion Ratio Lower Upper

131 100

133 95.7 47.5 142.5

119 64.5 31.9 95.5

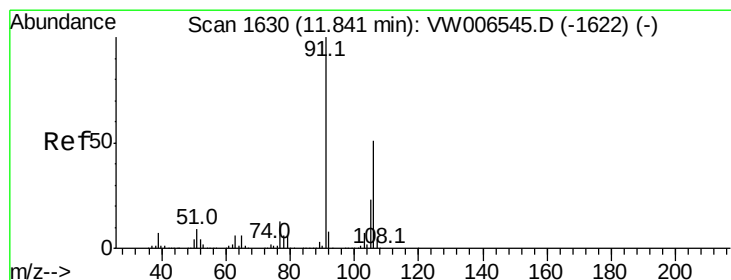
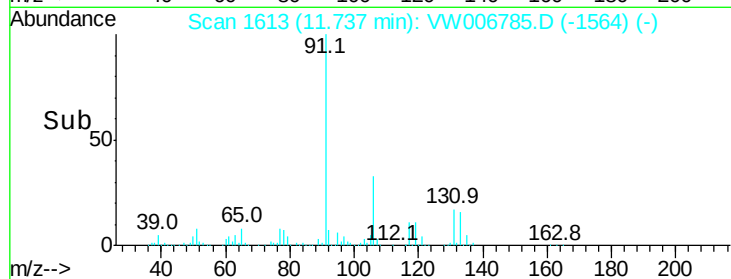
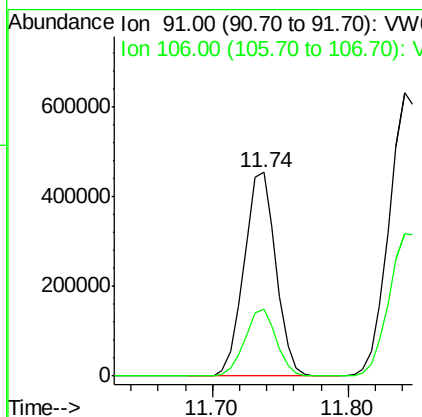
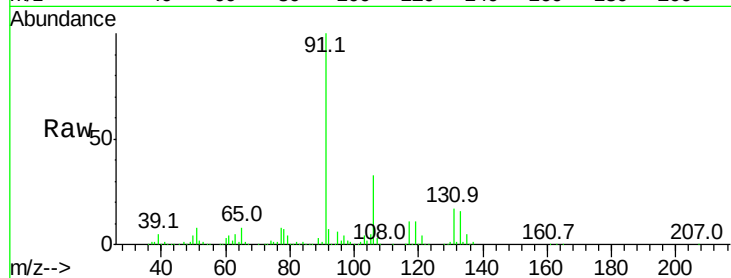




#67
Ethyl Benzene
Concen: 50.356 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

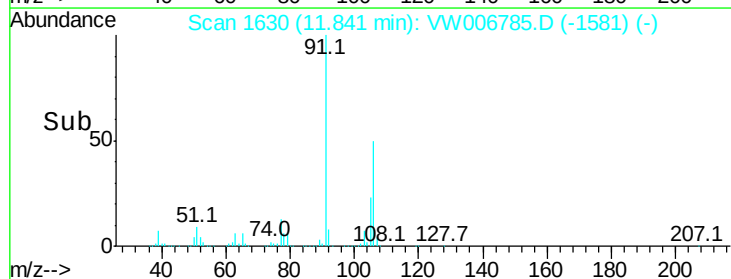
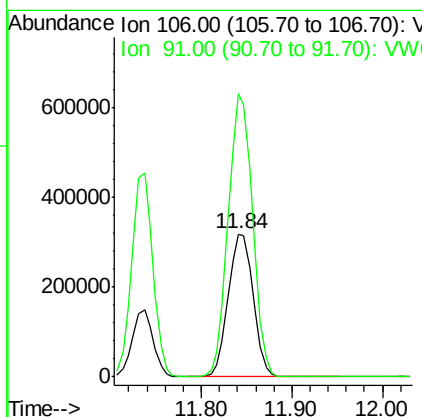
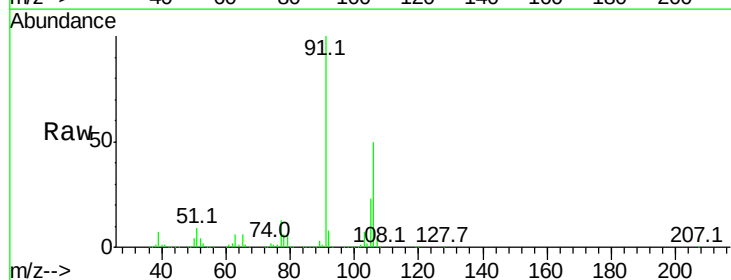
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

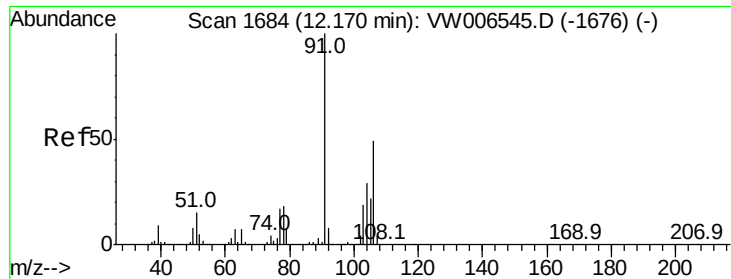
Tgt Ion: 91 Resp: 742523
Ion Ratio Lower Upper
91 100
106 32.9 26.3 39.5



#68
m/p-Xylenes
Concen: 102.661 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Tgt Ion: 106 Resp: 604788
Ion Ratio Lower Upper
106 100
91 194.1 156.7 235.1

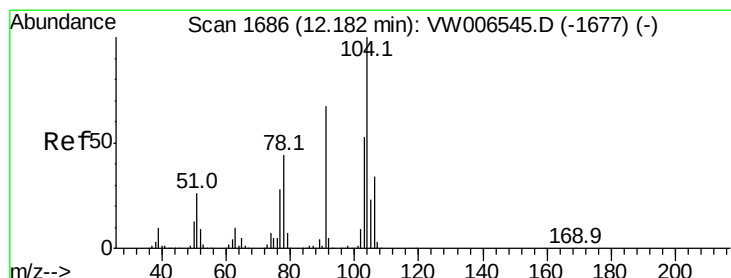
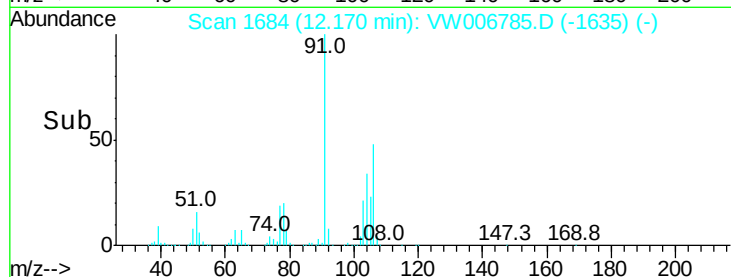
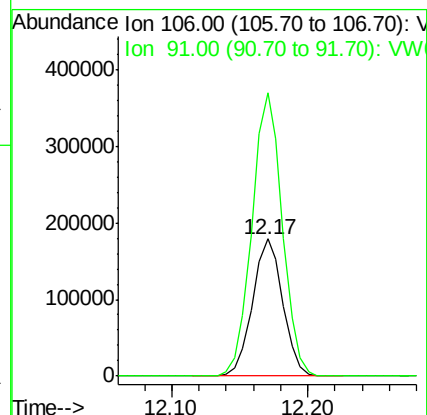
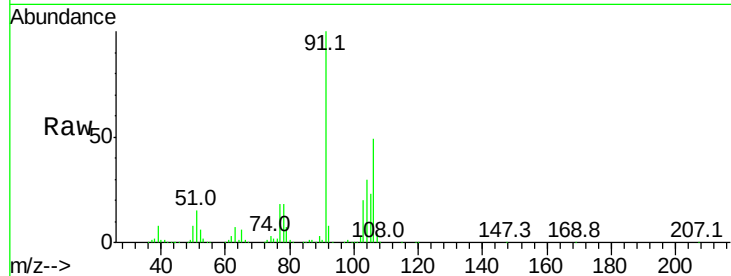




#69
o-Xylene
Concen: 49.916 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

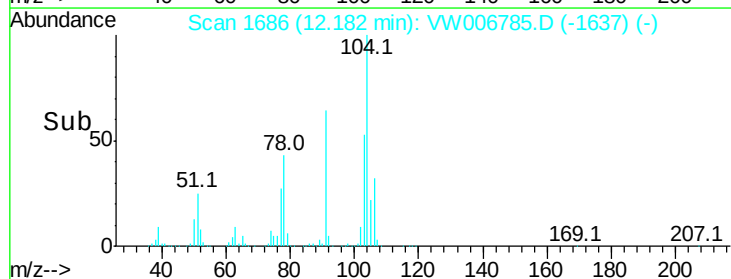
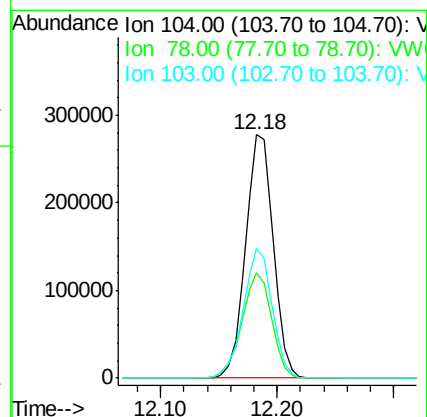
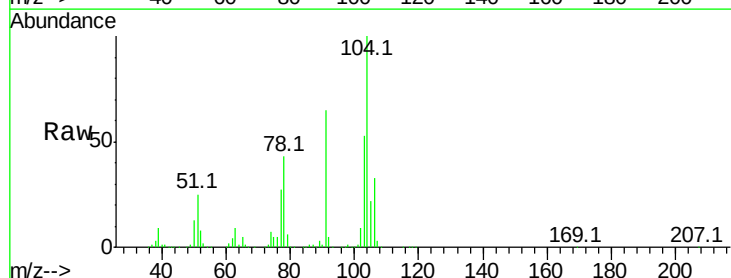
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

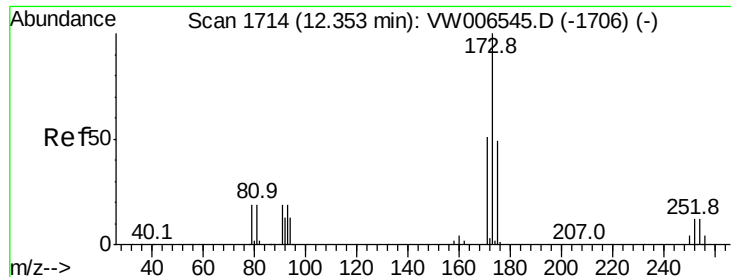
Tgt Ion:106 Resp: 279954
Ion Ratio Lower Upper
106 100
91 205.9 102.8 308.4



#70
Styrene
Concen: 50.581 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Tgt Ion:104 Resp: 462500
Ion Ratio Lower Upper
104 100
78 46.4 37.2 55.8
103 55.5 44.2 66.2





#71

Bromoform

Concen: 46.303 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

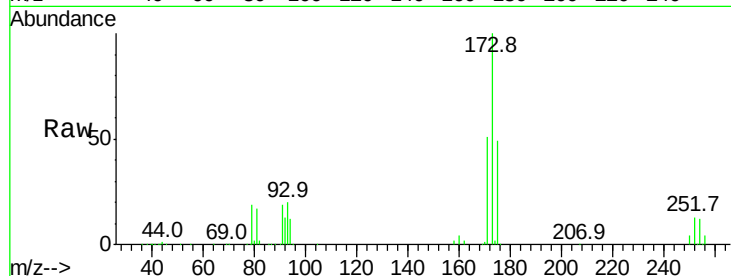
Tgt Ion:173 Resp: 76106

Ion Ratio Lower Upper

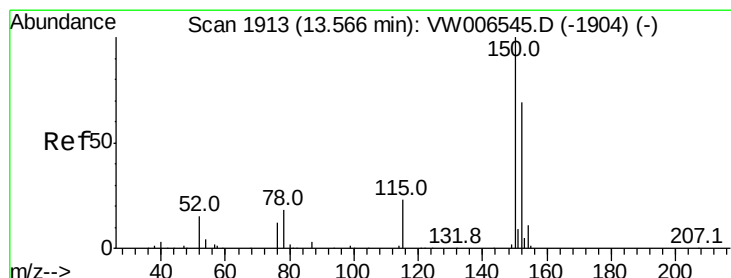
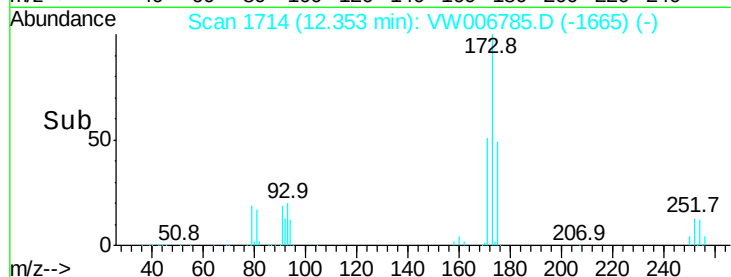
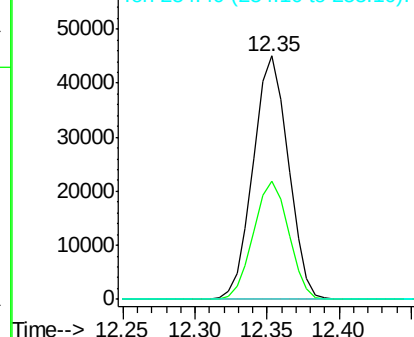
173 100

175 48.5 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: VW006785.D

Acq: 09 Nov 2018 13:32

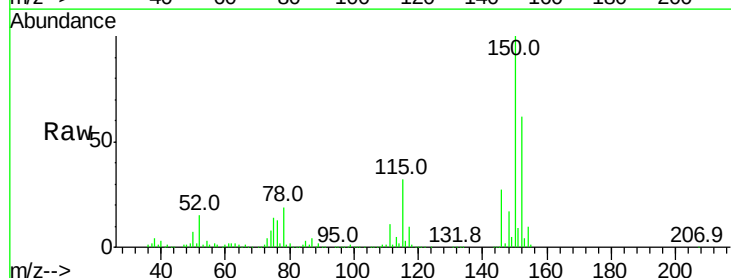
Tgt Ion:152 Resp: 241481

Ion Ratio Lower Upper

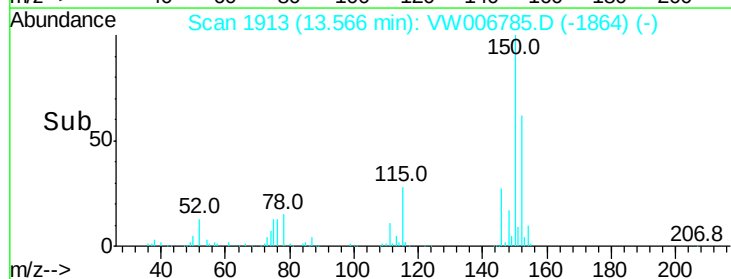
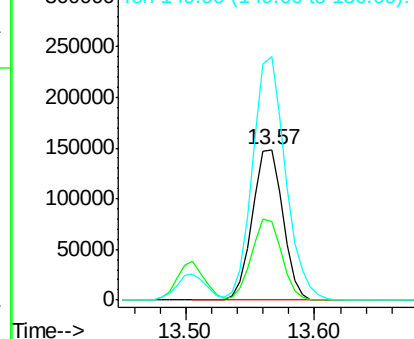
152 100

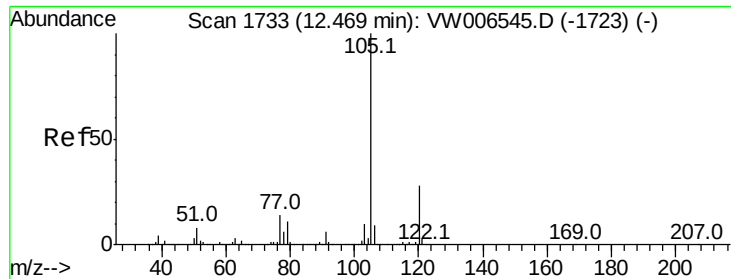
115 53.3 26.6 79.8

150 174.0 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

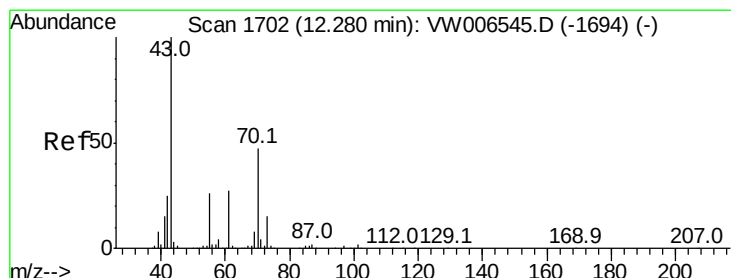
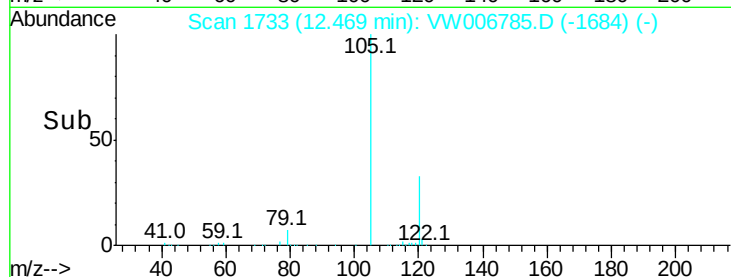
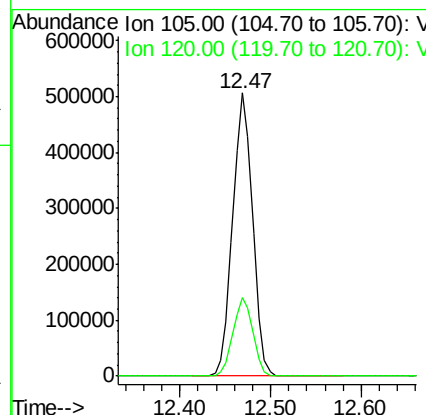
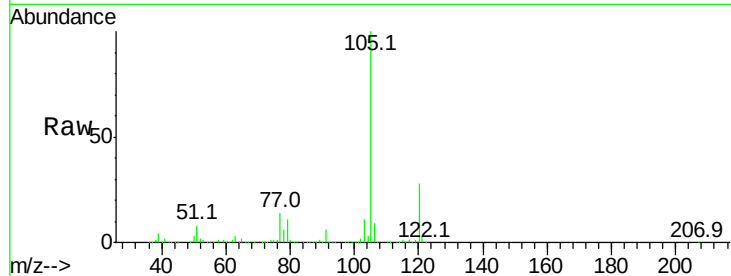




#73
Isopropylbenzene
Concen: 48.608 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

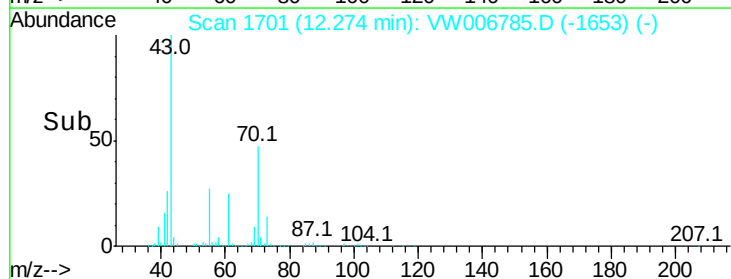
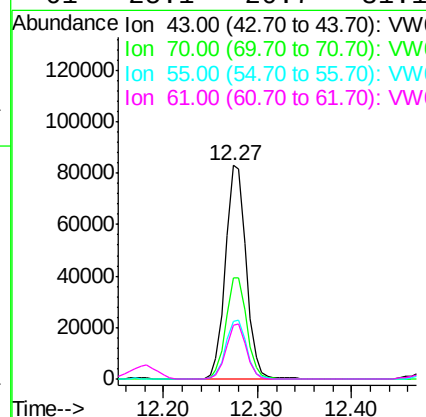
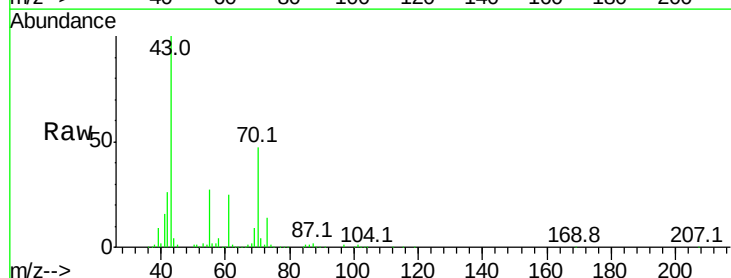
Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

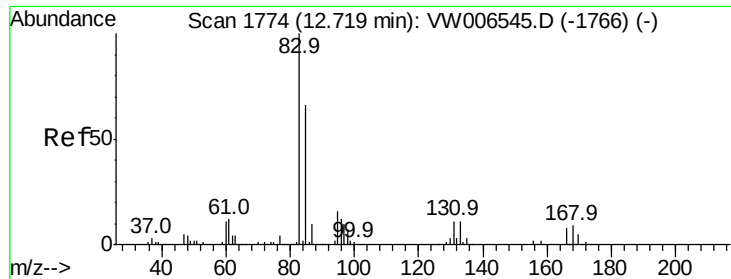
Tgt Ion:105 Resp: 773234
Ion Ratio Lower Upper
105 100
120 27.7 13.7 41.1



#74
N-ethyl acetate
Concen: 46.066 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.01 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Tgt Ion: 43 Resp: 126629
Ion Ratio Lower Upper
43 100
70 47.9 36.9 55.3
55 27.9 20.7 31.1
61 25.1 20.7 31.1

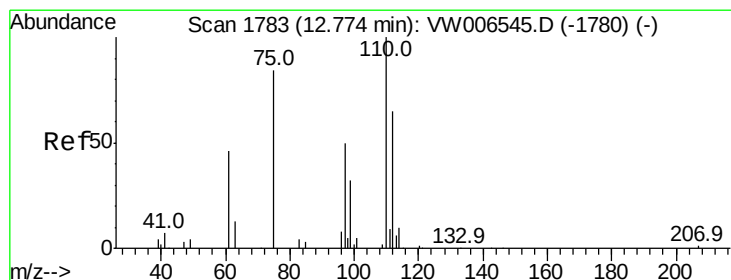
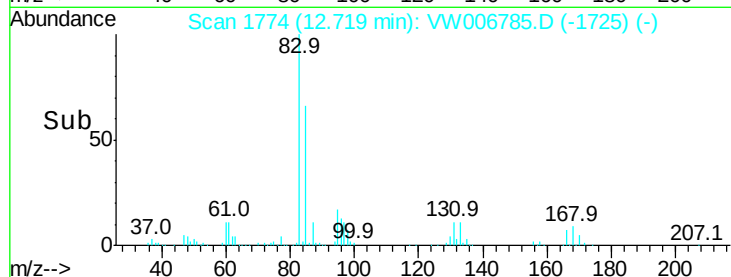
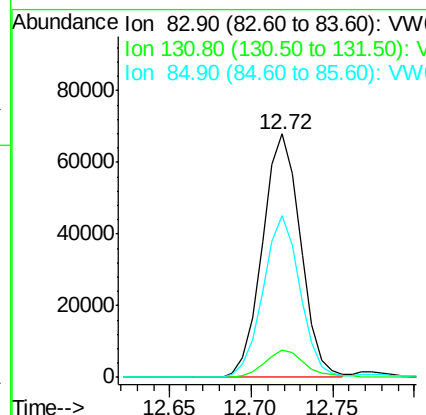
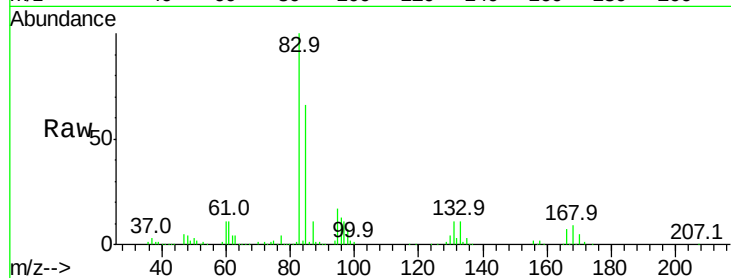




#75
 1,1,2,2-Tetrachloroethane
 Concen: 44.089 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

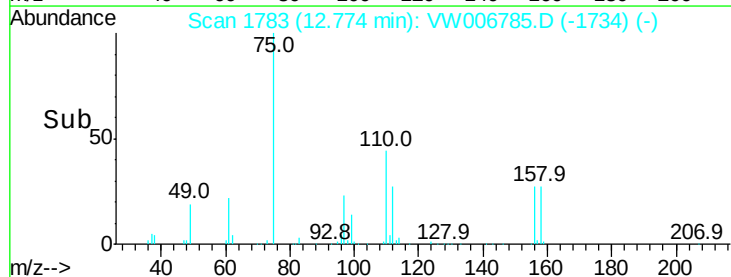
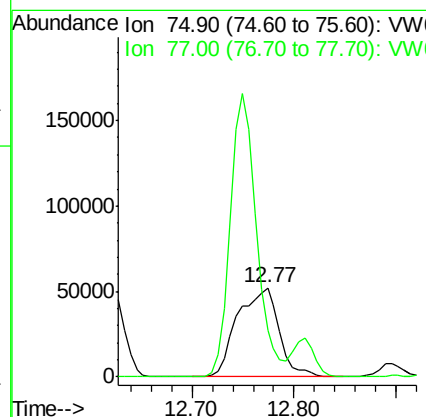
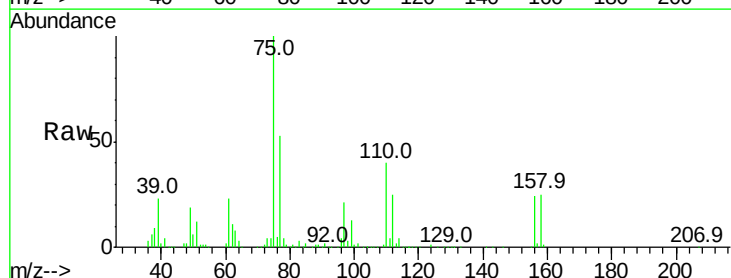
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

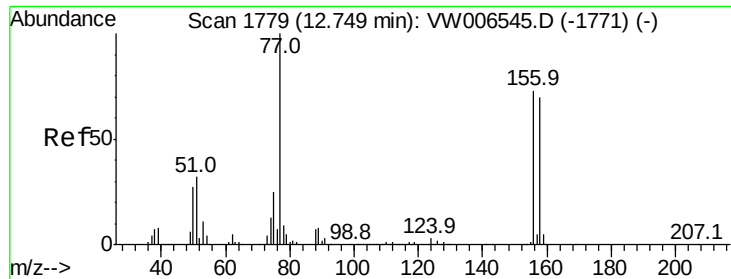
Tgt Ion: 83 Resp: 110773
 Ion Ratio Lower Upper
 83 100
 131 12.0 5.9 17.7
 85 64.5 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 78.182 ug/l
 RT: 12.77 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

Tgt Ion: 75 Resp: 147302
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

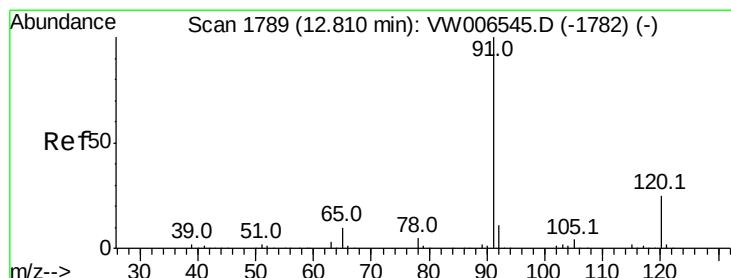
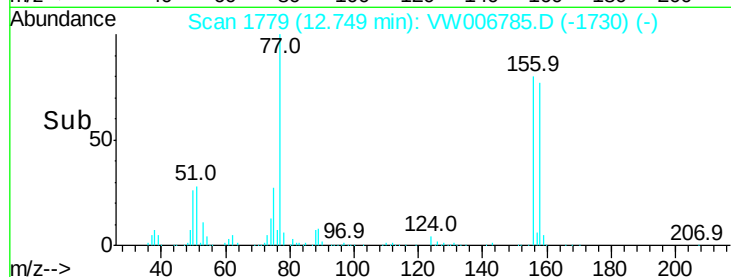
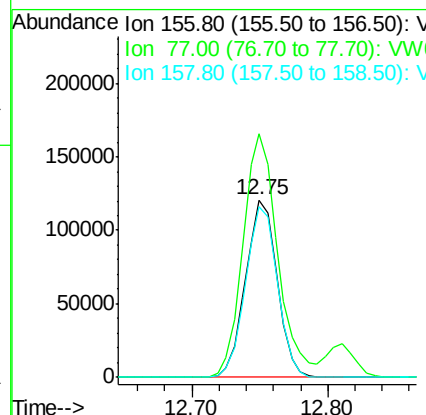
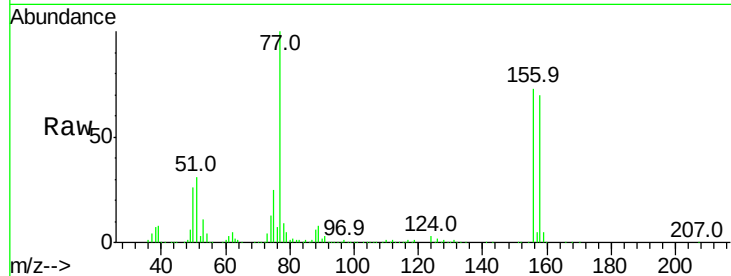




#77
 Bromobenzene
 Concen: 47.541 ug/l
 RT: 12.75 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

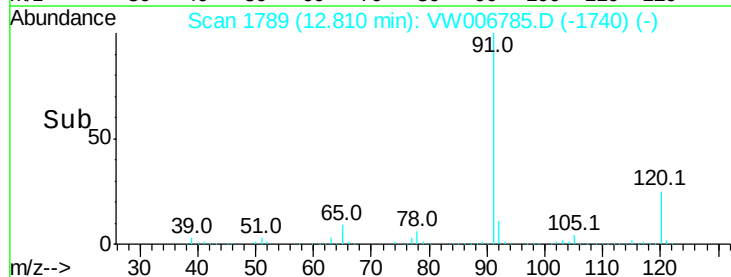
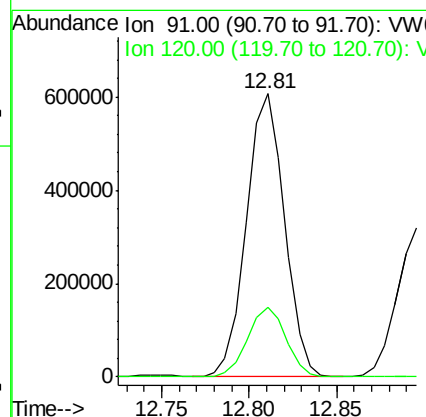
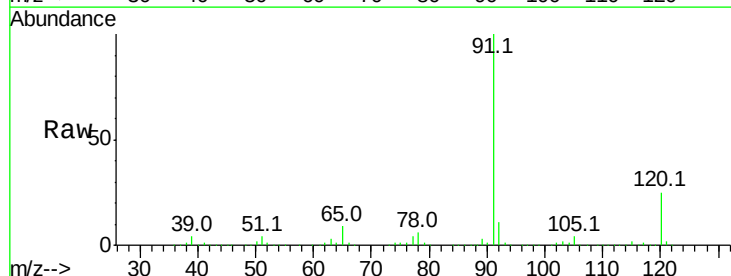
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

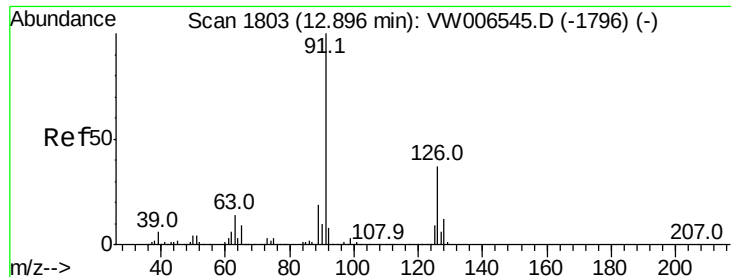
Tgt Ion: 156 Resp: 195805
 Ion Ratio Lower Upper
 156 100
 77 150.9 75.9 227.8
 158 97.4 48.6 145.9



#78
 n-propylbenzene
 Concen: 50.176 ug/l
 RT: 12.81 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

Tgt Ion: 91 Resp: 918084
 Ion Ratio Lower Upper
 91 100
 120 24.7 12.4 37.0





#79

2-Chlorotoluene

Concen: 48.425 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampled :

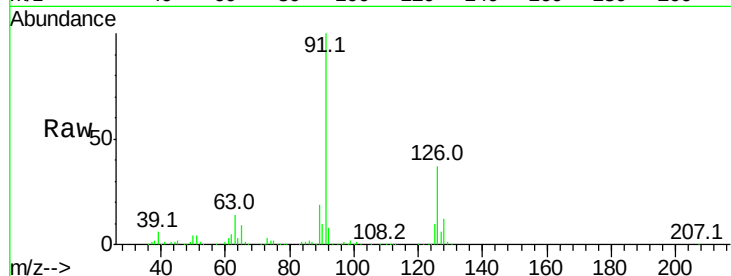
VSTDICCC050

Tgt Ion: 91 Resp: 508503

Ion Ratio Lower Upper

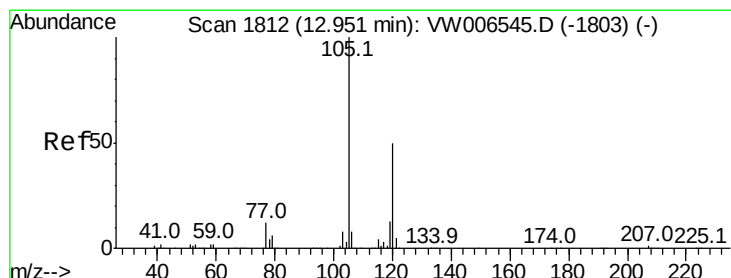
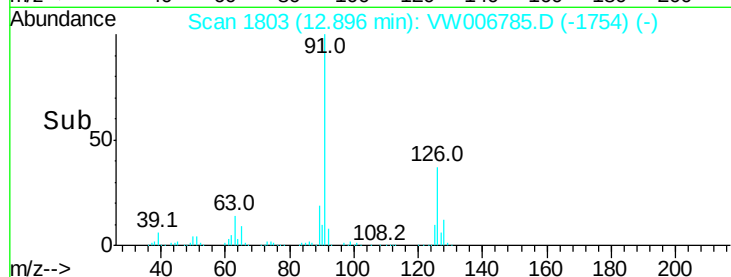
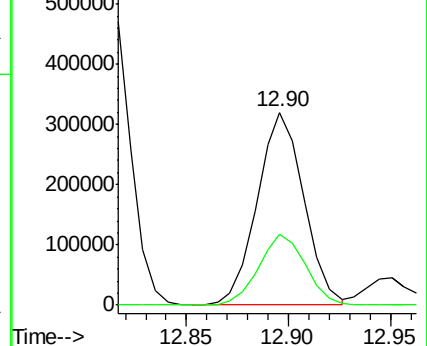
91 100

126 36.8 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: 49.882 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006785.D

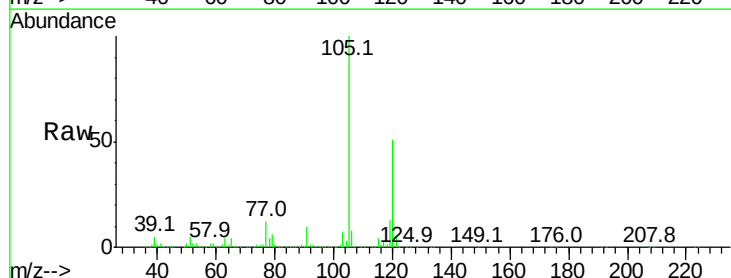
Acq: 09 Nov 2018 13:32

Tgt Ion: 105 Resp: 666646

Ion Ratio Lower Upper

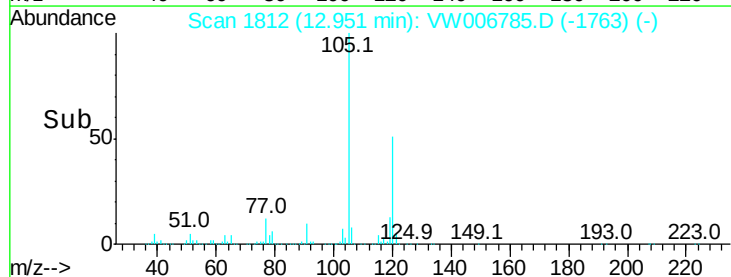
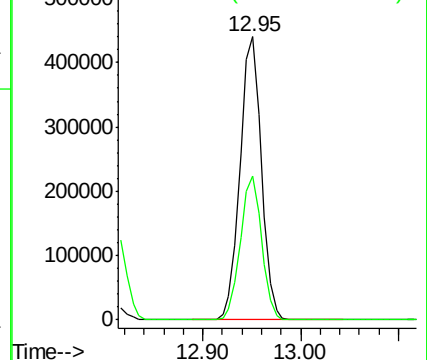
105 100

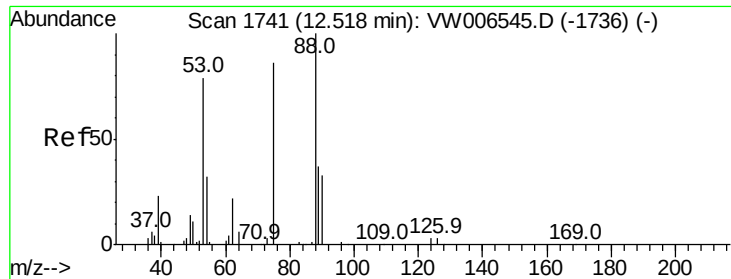
120 50.7 25.1 75.3



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: 50.407 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

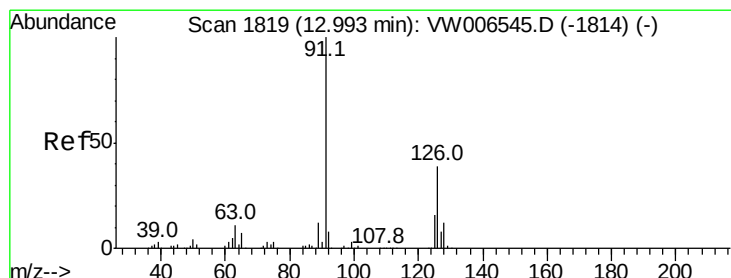
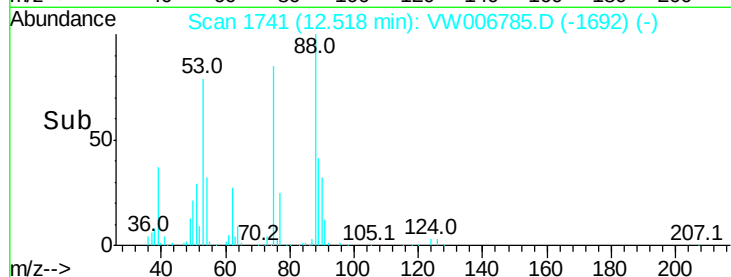
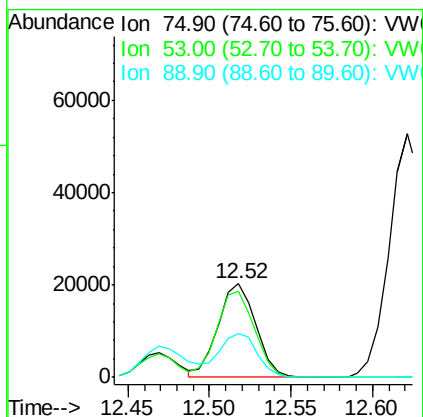
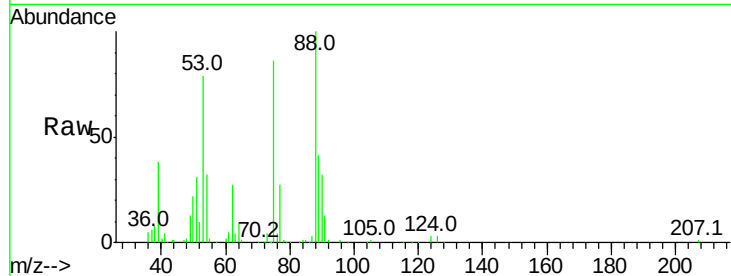
Tgt Ion: 75 Resp: 32704

Ion Ratio Lower Upper

75 100

53 92.5 77.2 115.8

89 47.6 38.6 58.0



#82

4-Chlorotoluene

Concen: 48.940 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW006785.D

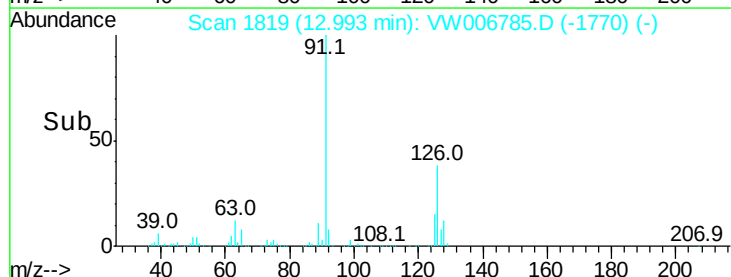
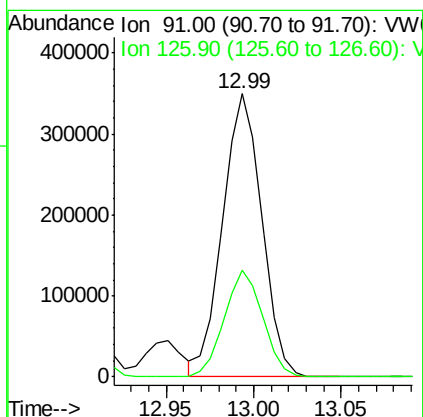
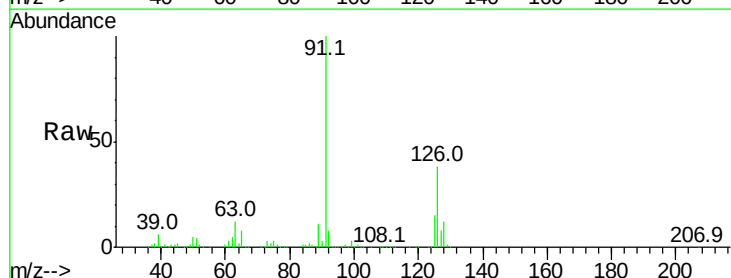
Acq: 09 Nov 2018 13:32

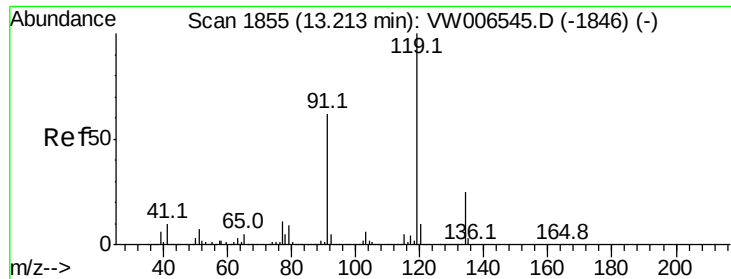
Tgt Ion: 91 Resp: 543696

Ion Ratio Lower Upper

91 100

126 37.1 18.5 55.5





#83

tert-Butylbenzene

Concen: 48.771 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

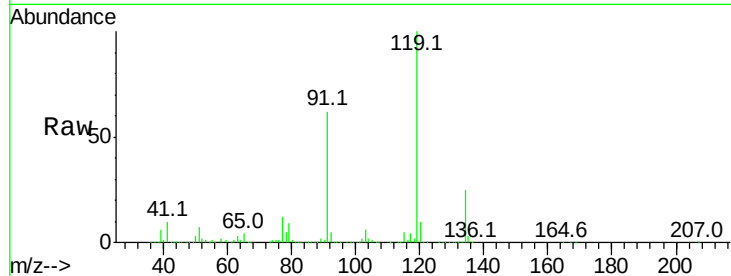
Tgt Ion:119 Resp: 581254

Ion Ratio Lower Upper

119 100

91 60.8 30.4 91.3

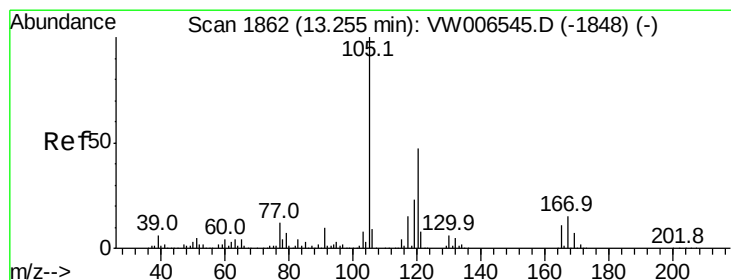
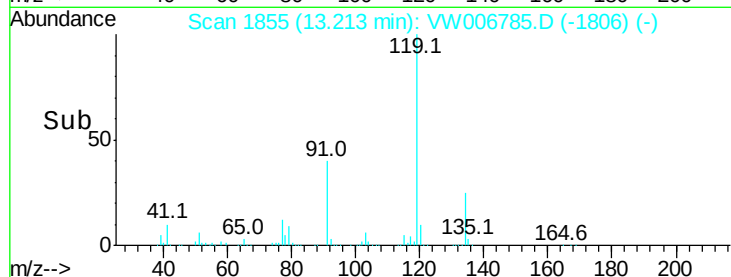
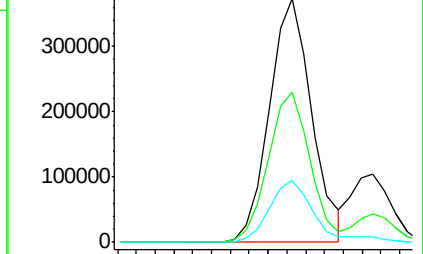
134 27.1 13.5 40.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.106 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW006785.D

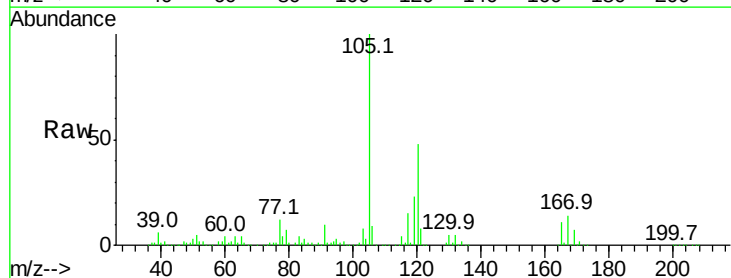
Acq: 09 Nov 2018 13:32

Tgt Ion:105 Resp: 686851

Ion Ratio Lower Upper

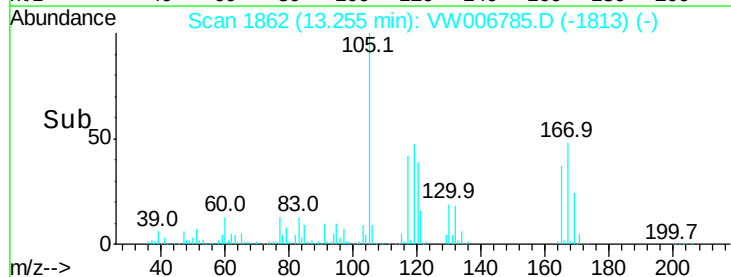
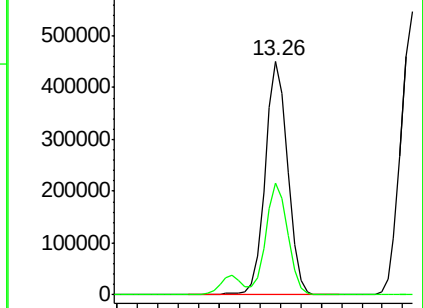
105 100

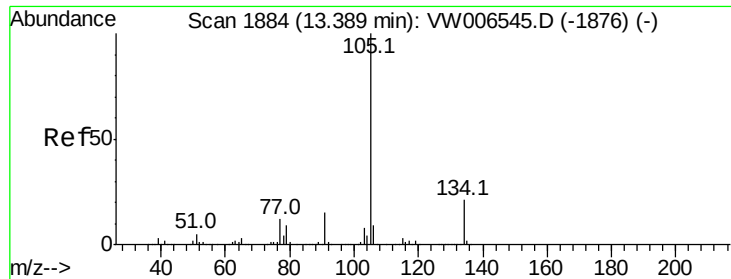
120 46.7 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

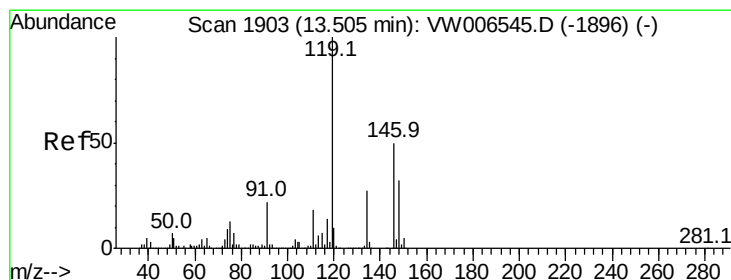
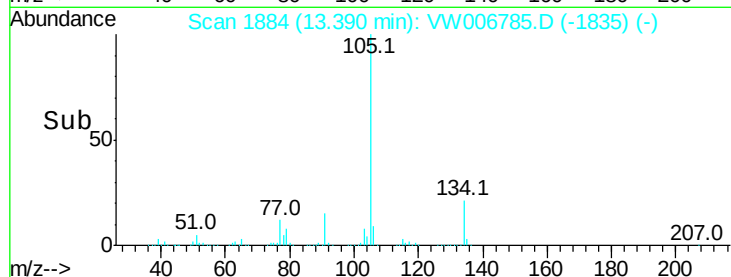
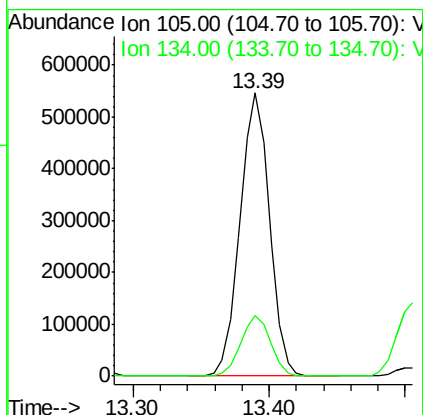
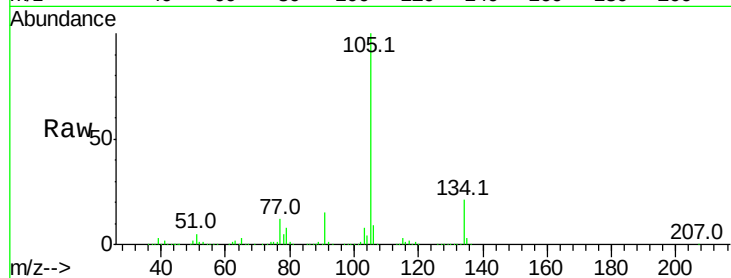




#85
 sec-Butylbenzene
 Concen: 49.591 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

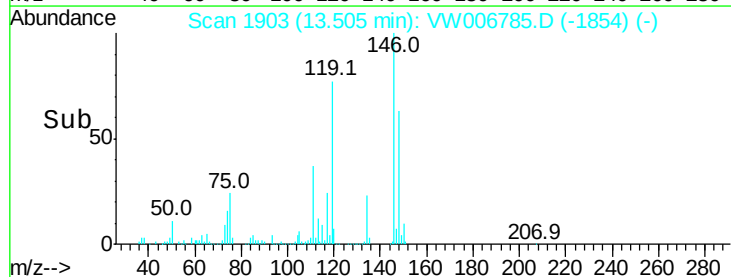
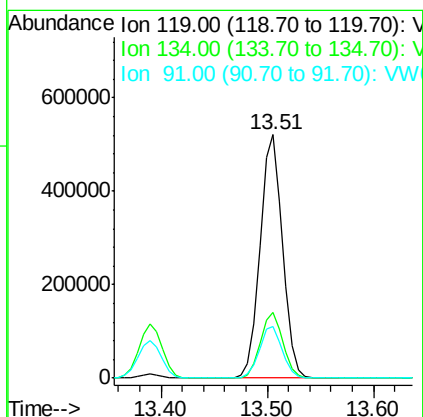
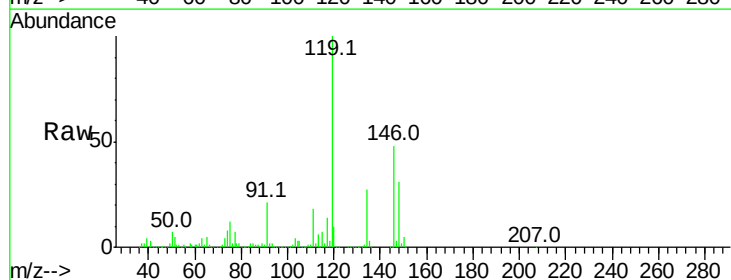
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

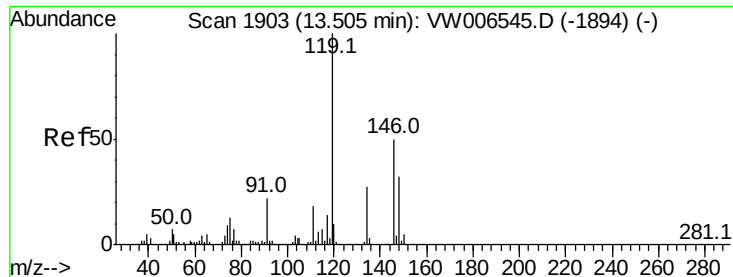
Tgt Ion:105 Resp: 827776
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 50.492 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

Tgt Ion:119 Resp: 766887
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.6 40.7
 91 21.6 10.9 32.6

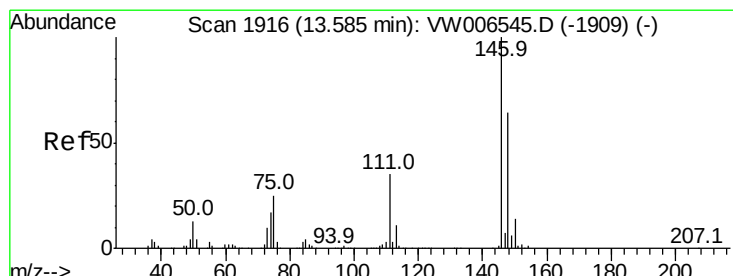
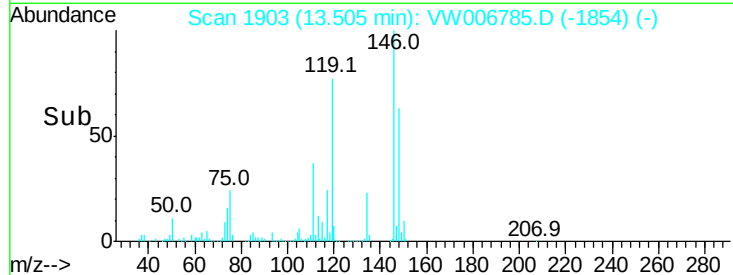
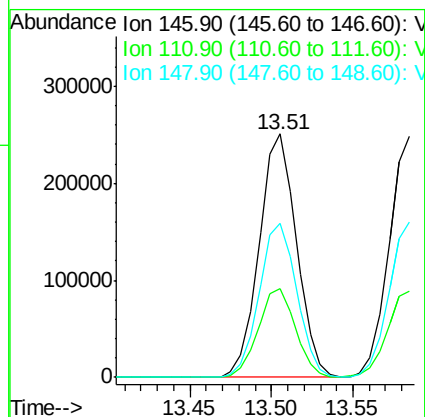
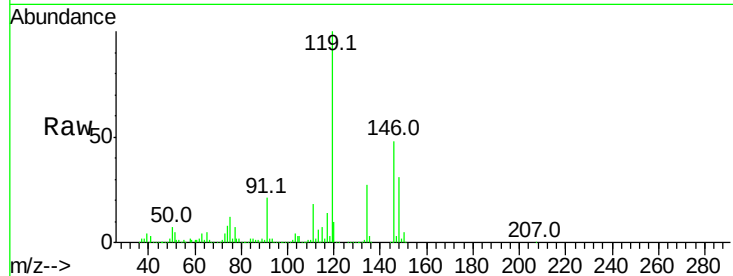




#87
 1,3-Dichlorobenzene
 Concen: 48.971 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

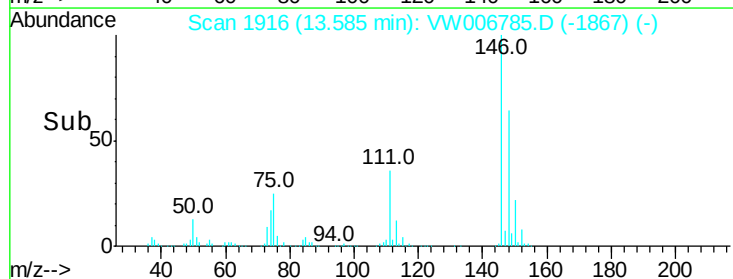
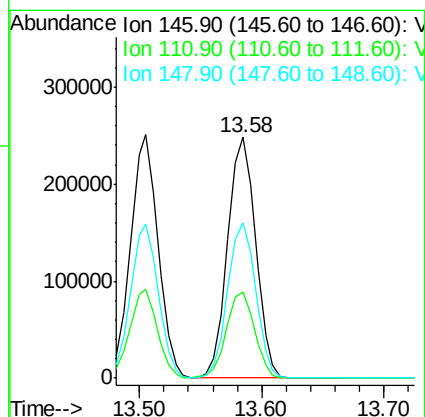
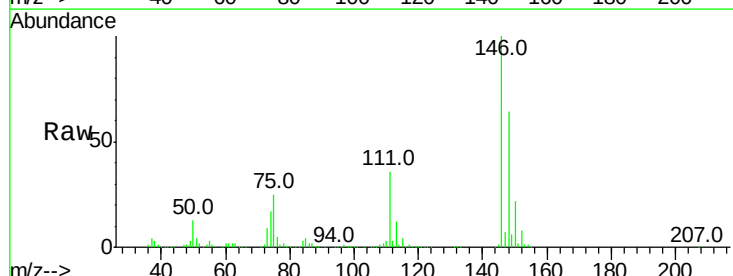
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

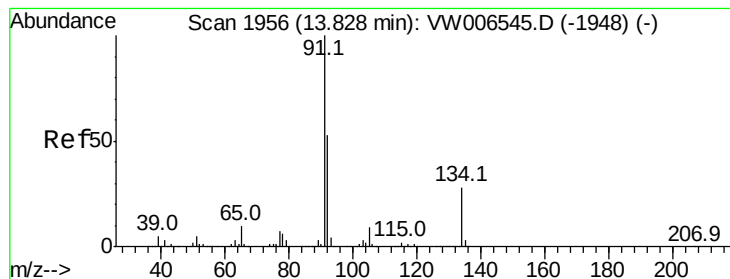
Tgt Ion:146 Resp: 397218
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.6 55.6
 148 63.9 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 48.938 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

Tgt Ion:146 Resp: 393474
 Ion Ratio Lower Upper
 146 100
 111 36.1 17.9 53.7
 148 64.4 32.1 96.5





#89

n-Butylbenzene

Concen: 51.920 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

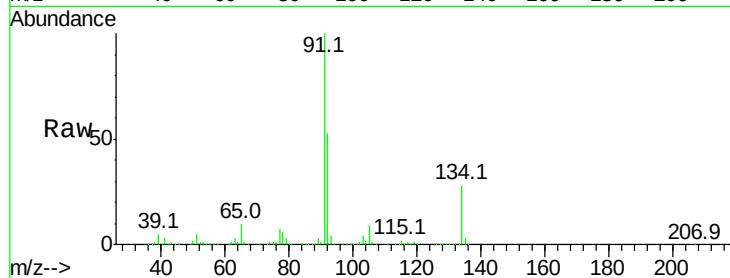
Tgt Ion: 91 Resp: 700004

Ion Ratio Lower Upper

91 100

92 52.1 26.4 79.0

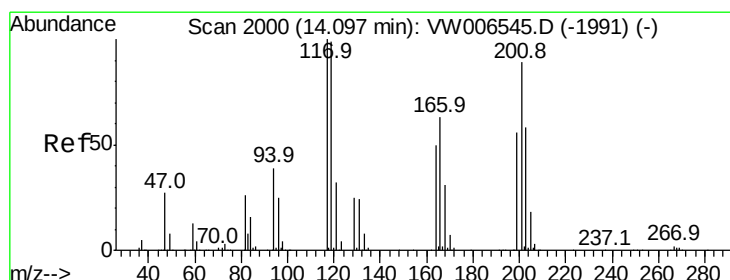
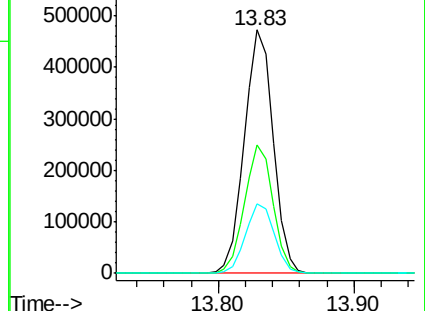
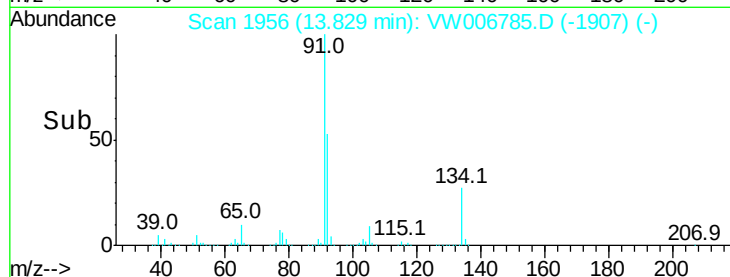
134 28.5 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 48.003 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW006785.D

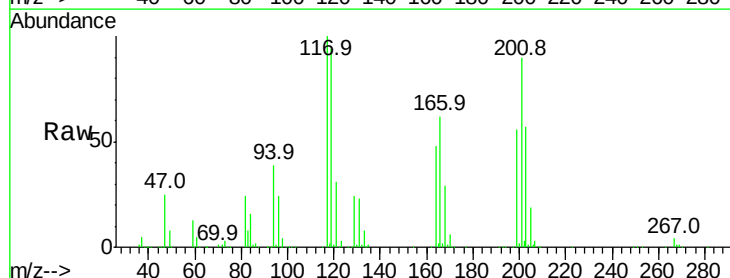
Acq: 09 Nov 2018 13:32

Tgt Ion: 117 Resp: 119827

Ion Ratio Lower Upper

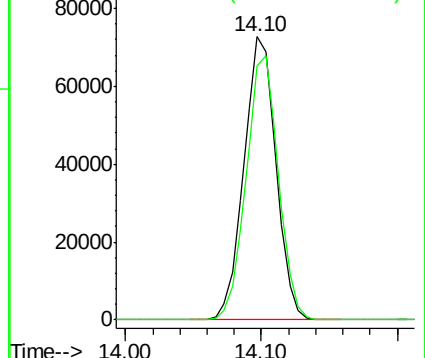
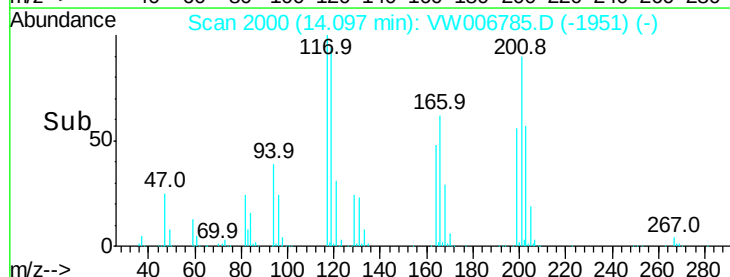
117 100

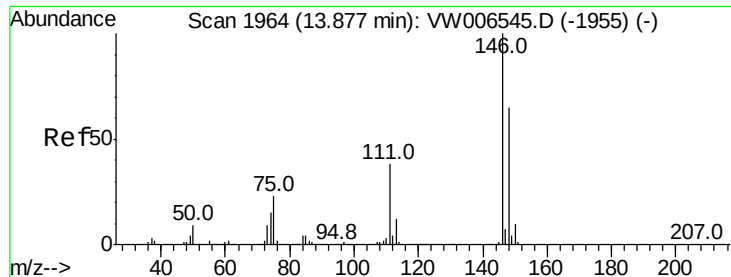
201 94.1 46.8 140.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

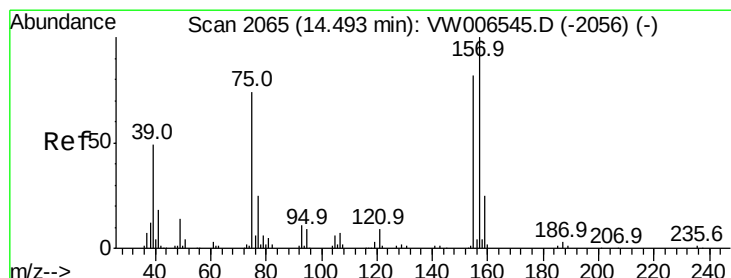
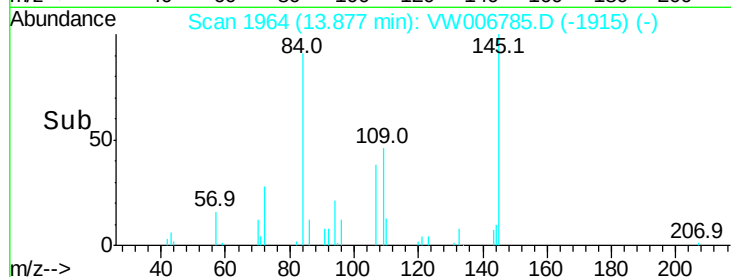
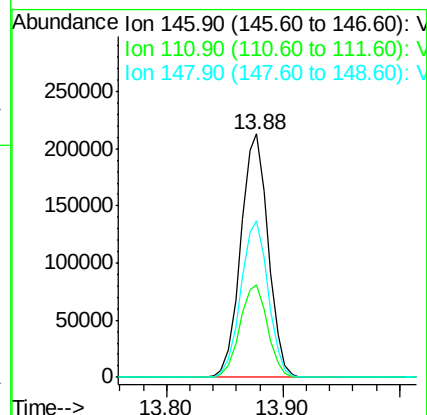
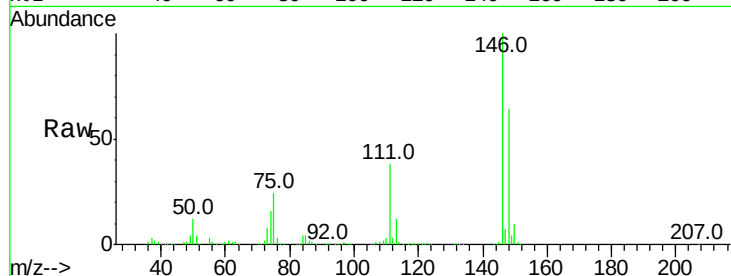




#91
 1,2-Dichlorobenzene
 Concen: 47.841 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

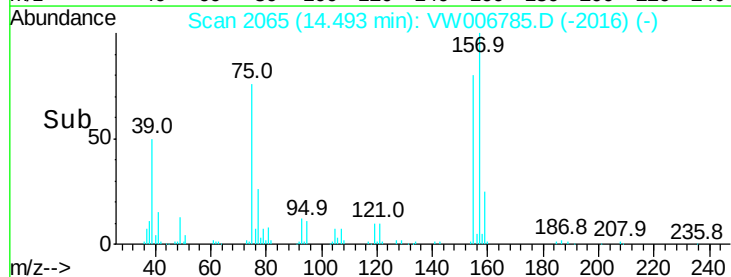
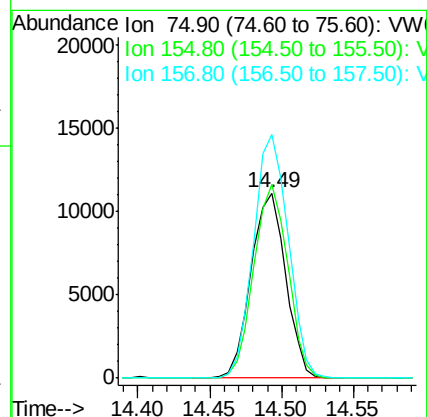
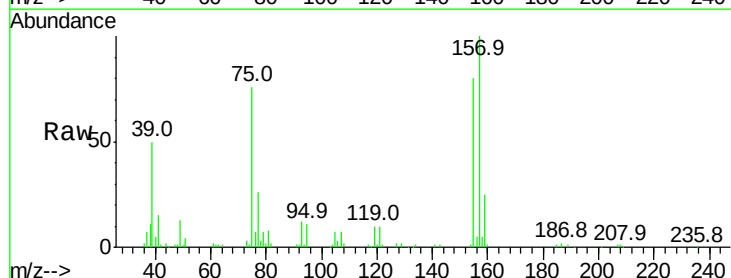
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

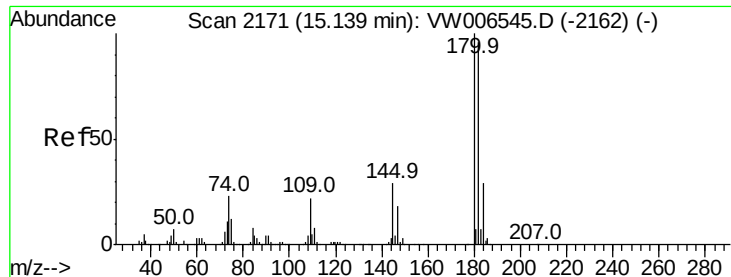
Tgt Ion:146 Resp: 349054
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.1 57.5
 148 64.1 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.394 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

Tgt Ion: 75 Resp: 18506
 Ion Ratio Lower Upper
 75 100
 155 102.1 50.6 151.8
 157 131.0 65.0 195.0

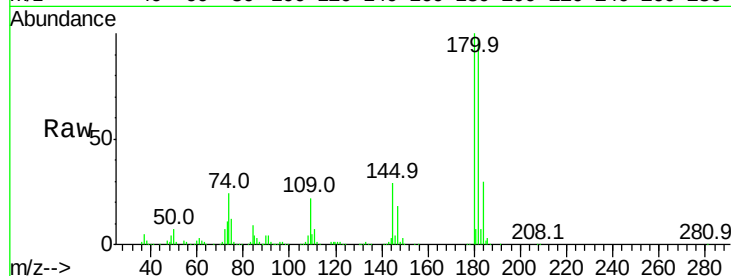




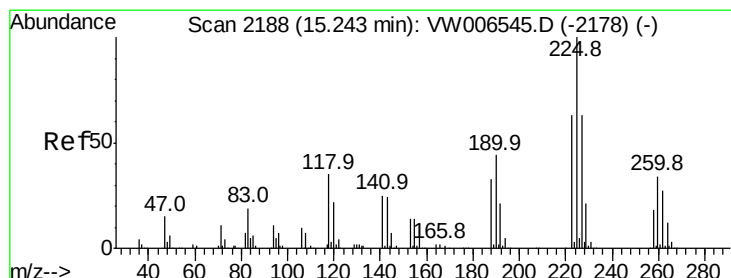
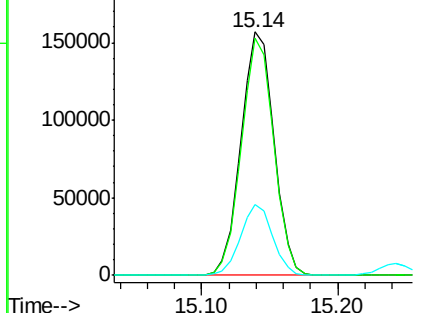
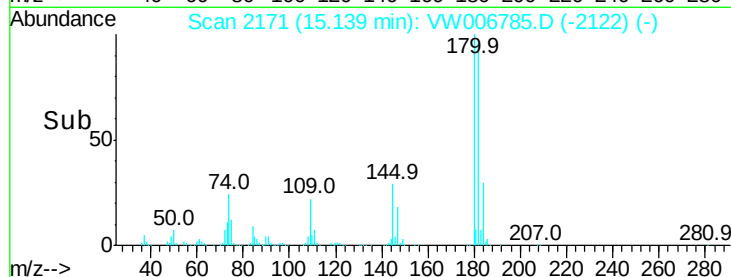
#93
 1,2,4-Trichlorobenzene
 Concen: 48.975 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion:180 Resp: 265700
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.5 142.6
 145 28.2 14.0 42.0

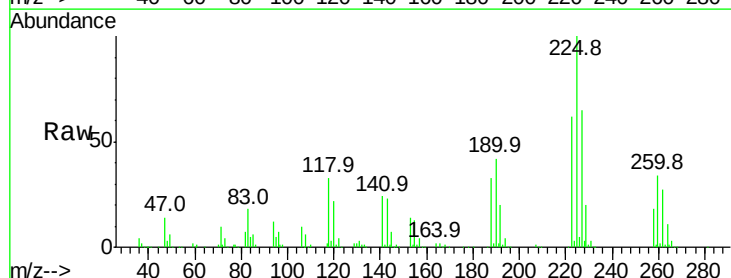


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

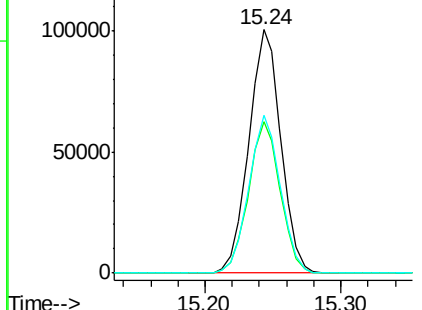
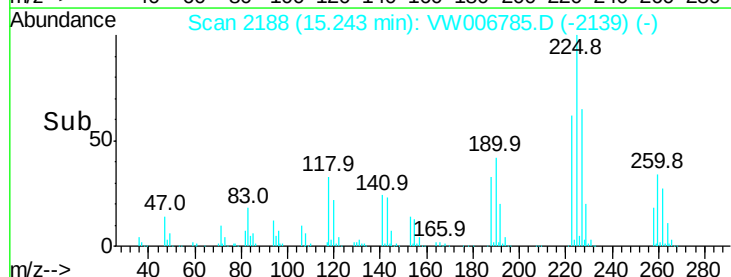


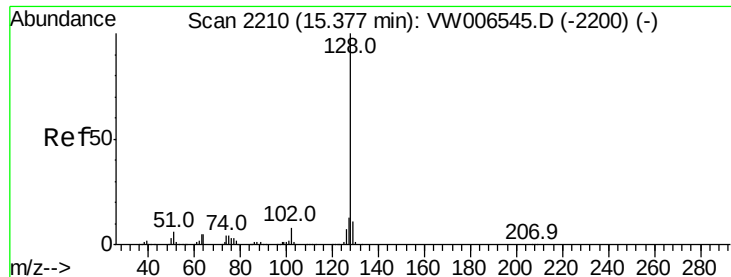
#94
 Hexachlorobutadiene
 Concen: 48.948 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

Tgt Ion:225 Resp: 165507
 Ion Ratio Lower Upper
 225 100
 223 61.7 31.4 94.2
 227 63.8 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

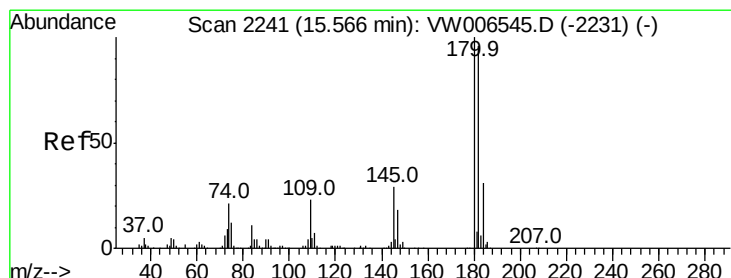
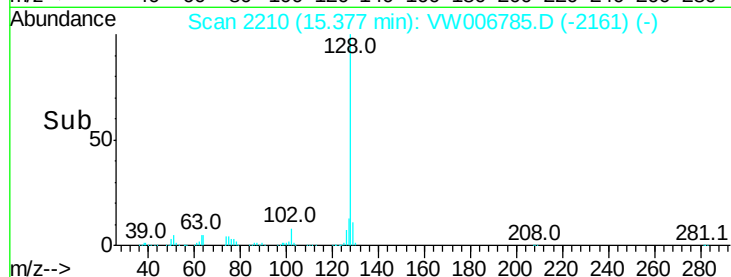
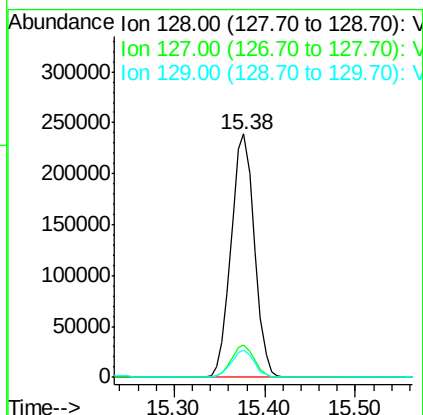
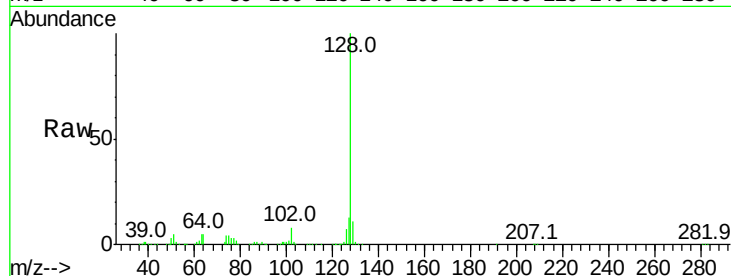




#95
Naphthalene
Concen: 48.749 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 425064
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.760 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Tgt Ion:180 Resp: 232493
Ion Ratio Lower Upper
180 100
182 95.6 48.2 144.6
145 29.1 14.9 44.5

