

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110918\
 Data File : VW006800.D
 Acq On : 09 Nov 2018 21:57
 Operator : SY/AP
 Sample : VSTDCCC050EC
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 12 04:40:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110918S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	295959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	400214	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	399520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	229530	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	103960	47.93	ug/l	0.00
Spiked Amount			Recovery	=	95.86%	
35) Dibromofluoromethane	7.89	113	111290	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	
50) Toluene-d8	10.33	98	469971	49.02	ug/l	0.00
Spiked Amount			Recovery	=	98.04%	
62) 4-Bromofluorobenzene	12.62	95	179671	51.46	ug/l	0.00
Spiked Amount			Recovery	=	102.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	117027	48.634	ug/l	97
3) Chloromethane	2.21	50	147719	51.135	ug/l	99
4) Vinyl Chloride	2.35	62	155740	51.280	ug/l	99
5) Bromomethane	2.78	94	111160	53.474	ug/l	97
6) Chloroethane	2.92	64	99703	50.165	ug/l	99
7) Trichlorofluoromethane	3.26	101	188519	49.403	ug/l	97
8) Diethyl Ether	3.69	74	57915	52.171	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	119028	46.945	ug/l	100
10) Methyl Iodide	4.28	142	196205	55.700	ug/l	100
11) Tert butyl alcohol	5.21	59	38173	267.391	ug/l	99
12) 1,1-Dichloroethene	4.04	96	107602	50.894	ug/l	99
13) Acrolein	3.90	56	35884	241.346	ug/l	100
14) Allyl chloride	4.68	41	146361	51.354	ug/l	99
15) Acrylonitrile	5.38	53	121998	274.558	ug/l	99
16) Acetone	4.15	43	82729	263.489	ug/l	99
17) Carbon Disulfide	4.39	76	368856	52.889	ug/l	100
18) Methyl Acetate	4.68	43	54070	49.074	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	280229	54.115	ug/l	98
20) Methylene Chloride	4.93	84	138441	54.346	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	127435	50.391	ug/l	98
22) Diisopropyl ether	6.32	45	324311	53.995	ug/l	98
23) Vinyl Acetate	6.26	43	938954	274.101	ug/l	100
24) 1,1-Dichloroethane	6.23	63	202400	51.513	ug/l	98
25) 2-Butanone	7.18	43	142083	274.076	ug/l	100
26) 2,2-Dichloropropane	7.18	77	177138	47.318	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	141104	52.073	ug/l	99
28) Bromochloromethane	7.52	49	73916	50.226	ug/l	99
29) Tetrahydrofuran	7.54	42	92694	272.808	ug/l	99
30) Chloroform	7.68	83	221490	50.875	ug/l	98
31) Cyclohexane	7.96	56	190653	47.115	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	204061	49.387	ug/l	100
36) 1,1-Dichloropropene	8.09	75	179697	49.481	ug/l	100
37) Ethyl Acetate	7.26	43	66425	51.505	ug/l	99
38) Carbon Tetrachloride	8.07	117	186191	47.986	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	232732	50.333	ug/l	98
40) Benzene	8.33	78	524221	51.119	ug/l	99
41) Methacrylonitrile	7.49	41	36135	48.294	ug/l	99
42) 1,2-Dichloroethane	8.40	62	141984	50.865	ug/l	99
43) Isopropyl Acetate	8.43	43	128871	53.302	ug/l	100
44) Trichloroethene	9.09	130	157306	49.891	ug/l	96
45) 1,2-Dichloropropane	9.37	63	123704	51.362	ug/l	98
46) Dibromomethane	9.46	93	69174	51.157	ug/l	98
47) Bromodichloromethane	9.65	83	167820	51.146	ug/l	98
48) Methyl methacrylate	9.44	41	61712	54.197	ug/l	99
49) 1,4-Dioxane	9.48	88	22841	1128.298	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	337679	271.849	ug/l	99
52) Toluene	10.39	92	378840	52.545	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	168900	53.086	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	196802	52.171	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	104006	52.212	ug/l	99
56) Ethyl methacrylate	10.65	69	125639	57.116	ug/l	97
57) 1,3-Dichloropropane	10.93	76	166847	52.394	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	284305	259.526	ug/l	100
59) 2-Hexanone	10.97	43	238043	282.772	ug/l	99
60) Dibromochloromethane	11.13	129	126070	52.651	ug/l	98
61) 1,2-Dibromoethane	11.24	107	100529	52.454	ug/l	100
64) Tetrachloroethene	10.87	164	156831	51.405	ug/l	98
65) Chlorobenzene	11.66	112	442924	52.084	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	141204	51.833	ug/l	100
67) Ethyl Benzene	11.74	91	758423	53.014	ug/l	99
68) m/p-Xylenes	11.84	106	618454	105.985	ug/l	99
69) o-Xylene	12.17	106	292600	54.466	ug/l	100
70) Styrene	12.18	104	484273	55.460	ug/l	99
71) Bromoform	12.35	173	79405	52.619	ug/l #	99
73) Isopropylbenzene	12.47	105	788788	53.412	ug/l	99
74) N-amyl acetate	12.27	43	133152	55.315	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	117388	53.354	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	152973	91.390	ug/l #	100
77) Bromobenzene	12.75	156	202437	53.014	ug/l	99
78) n-propylbenzene	12.81	91	927949	52.882	ug/l	100
79) 2-Chlorotoluene	12.90	91	524011	53.010	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	681930	53.294	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	33233	52.789	ug/l	97
82) 4-Chlorotoluene	12.99	91	557529	52.772	ug/l	100
83) tert-Butylbenzene	13.21	119	590213	53.382	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	704656	53.750	ug/l	100
85) sec-Butylbenzene	13.39	105	837319	52.914	ug/l	100
86) p-Isopropyltoluene	13.51	119	776998	53.831	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	406184	52.358	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	400573	51.843	ug/l	99
89) n-Butylbenzene	13.83	91	701273	52.641	ug/l	99
90) Hexachloroethane	14.10	117	122296	54.007	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	361517	53.269	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18878	53.137	ug/l	97

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QLast Update : Mon Nov 12 00:52:45 2018
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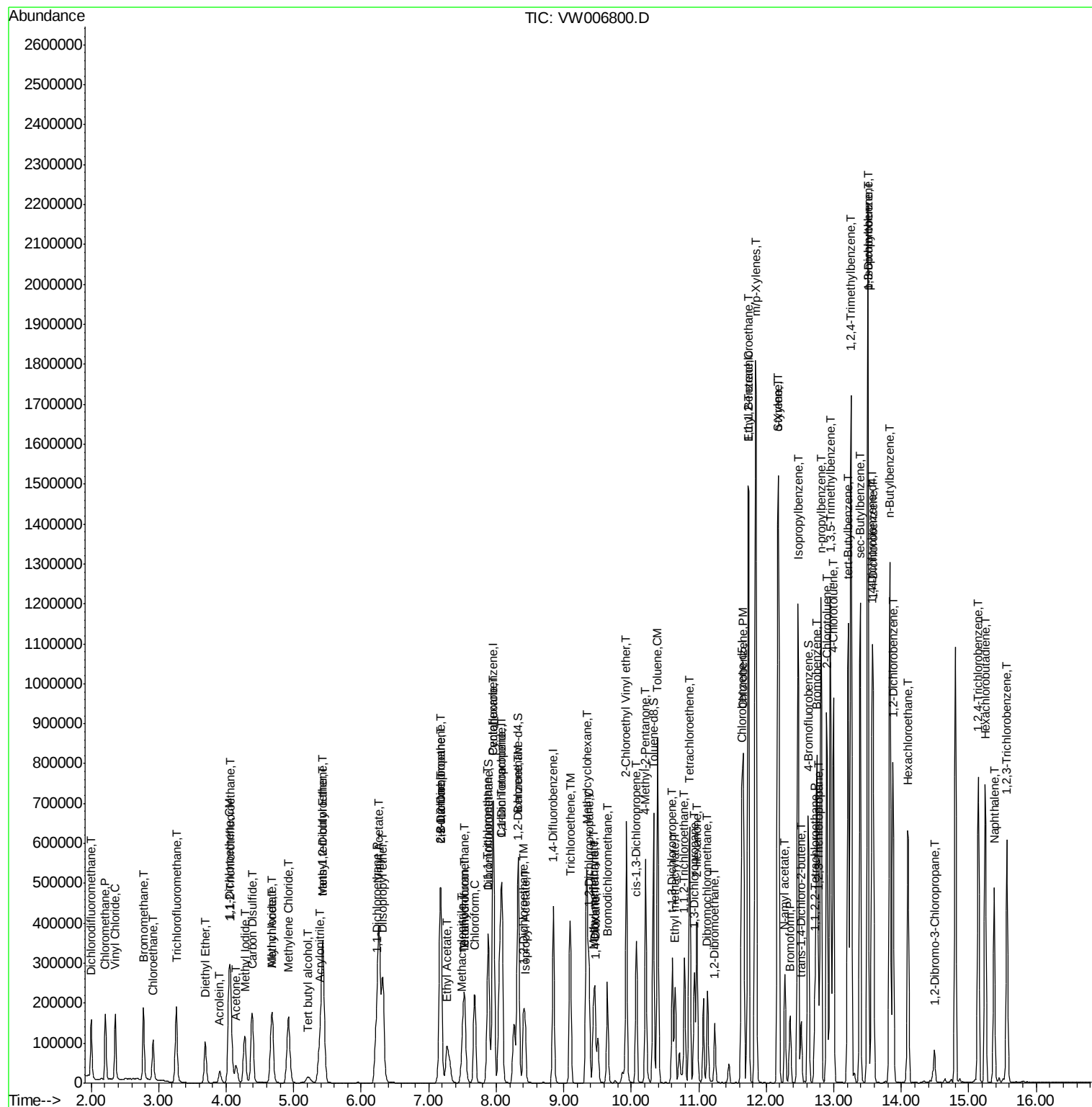
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	274108	54.559	ug/l	100
94) Hexachlorobutadiene	15.24	225	161288	51.011	ug/l	99
95) Naphthalene	15.38	128	448183	58.302	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	237466	54.641	ug/l	100

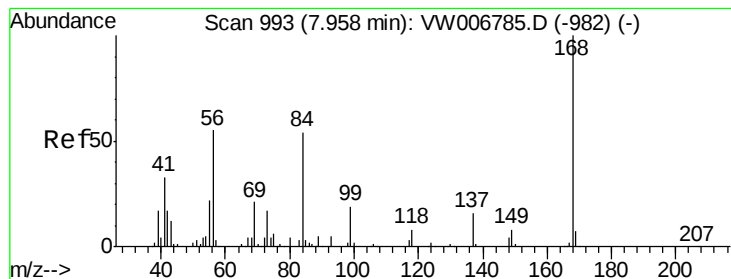
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110918\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Instrument :

MSVOA_W

ClientSampleId :

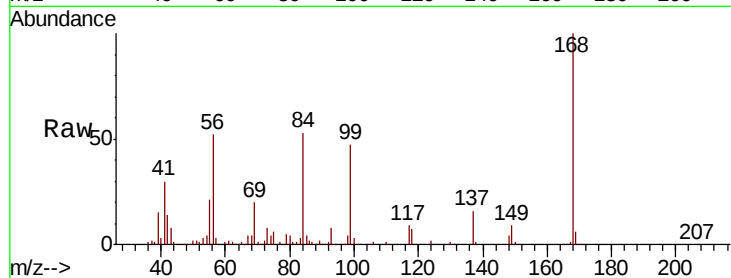
VSTDCCC050EC

Tot Ion:168 Resp: 295959

Ion Ratio Lower Upper

168 100

99 47.4 36.8 55.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

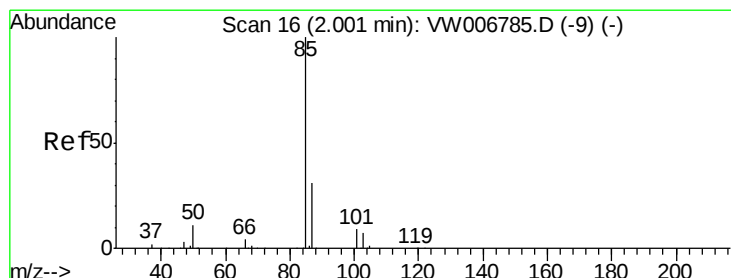
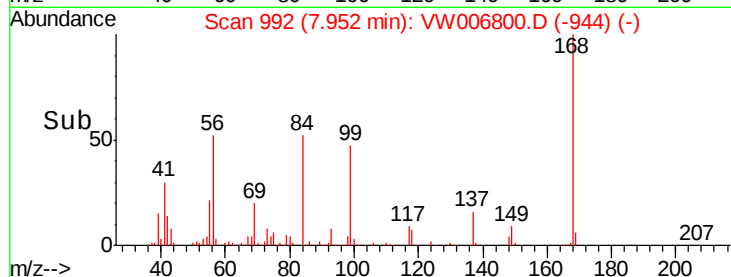
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 48.634 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW006800.D

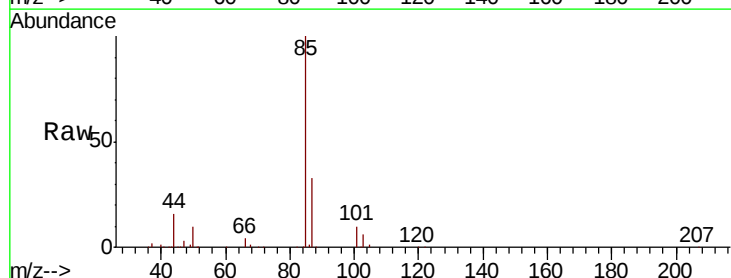
Acq: 09 Nov 2018 21:57

Tgt Ion: 85 Resp: 117027

Ion Ratio Lower Upper

85 100

87 32.8 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

80000

60000

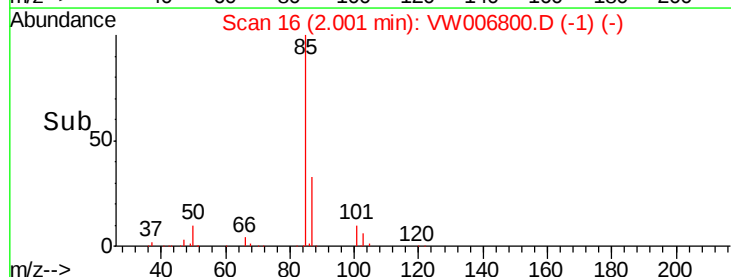
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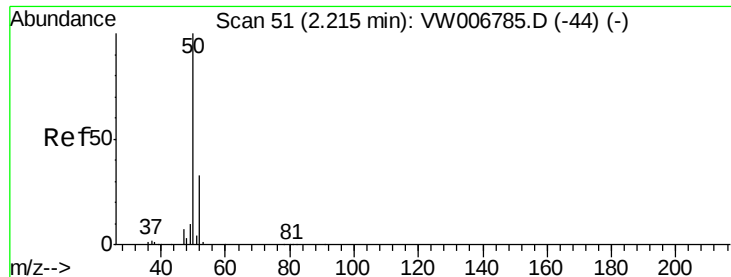
20000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 51.135 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Instrument :

MSVOA_W

ClientSampleId :

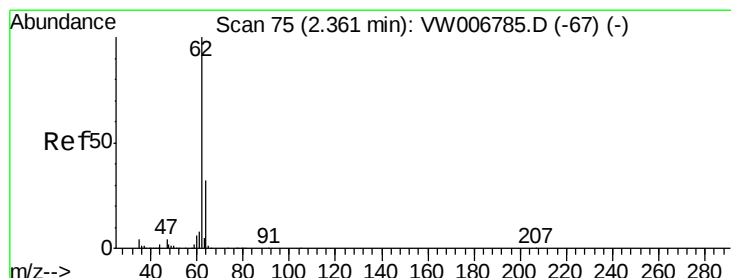
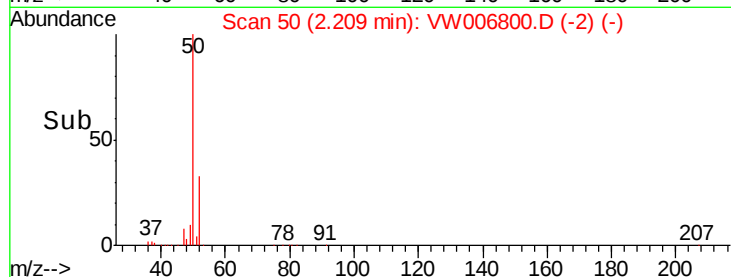
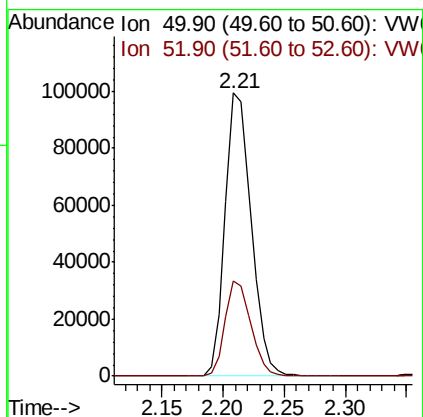
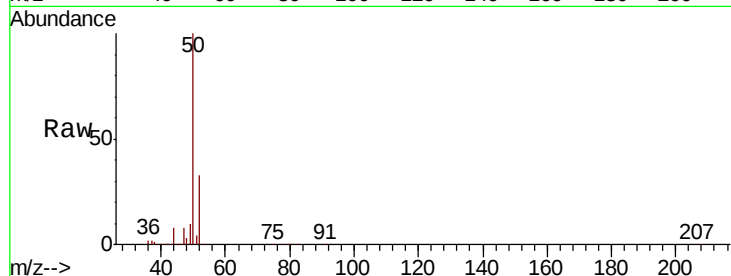
VSTDCCC050EC

Tot Ion: 50 Resp: 147719

Ion Ratio Lower Upper

50 100

52 33.5 26.2 39.4



#4

Vinyl Chloride

Concen: 51.280 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW006800.D

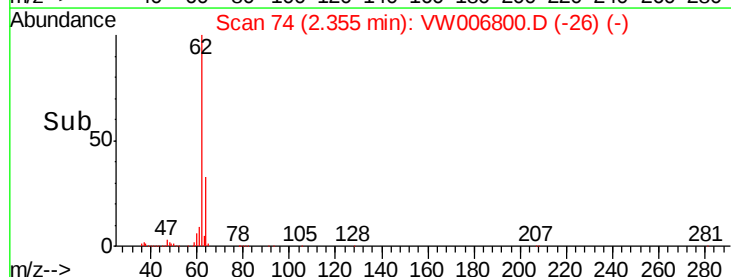
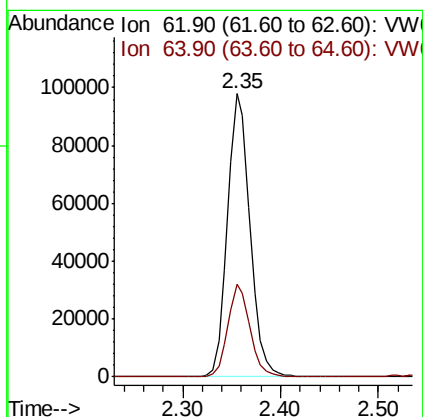
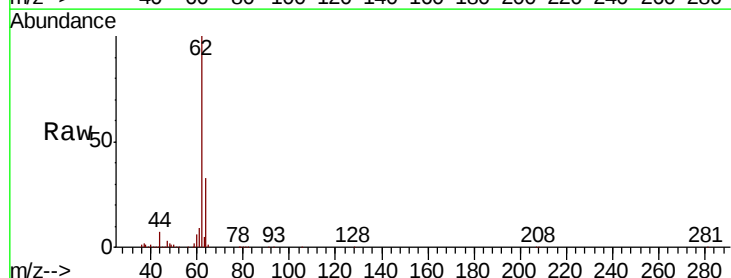
Acq: 09 Nov 2018 21:57

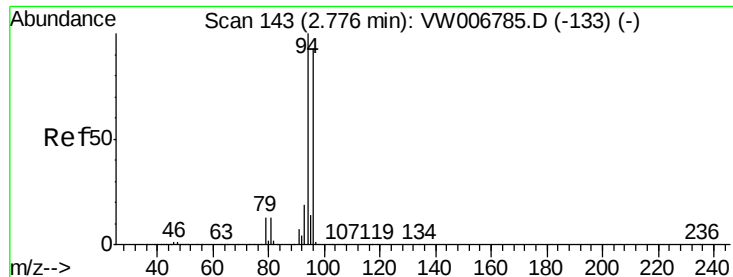
Tgt Ion: 62 Resp: 155740

Ion Ratio Lower Upper

62 100

64 32.9 25.8 38.6





#5

Bromomethane

Concen: 53.474 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Instrument :

MSVOA_W

ClientSampleId :

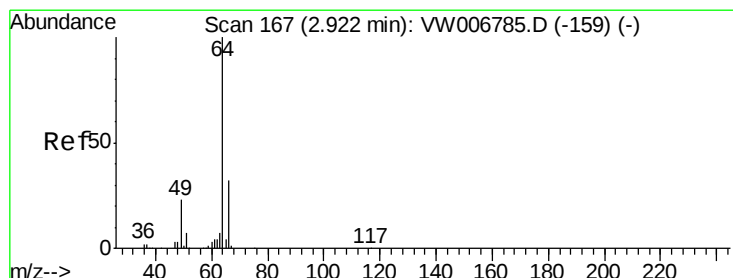
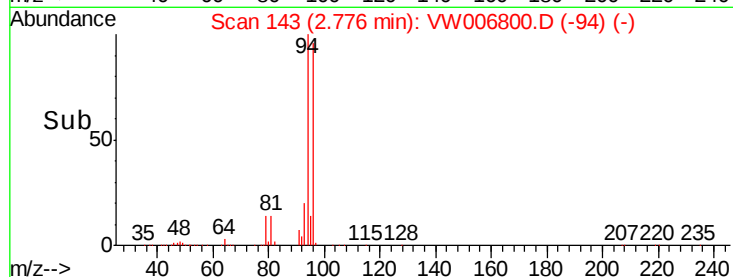
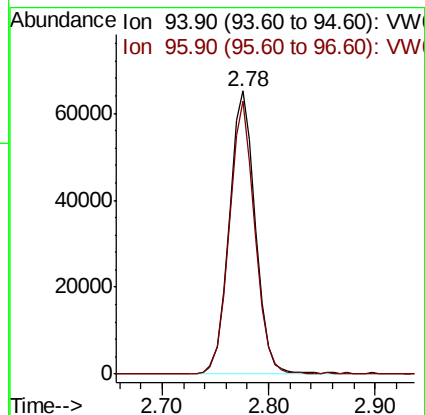
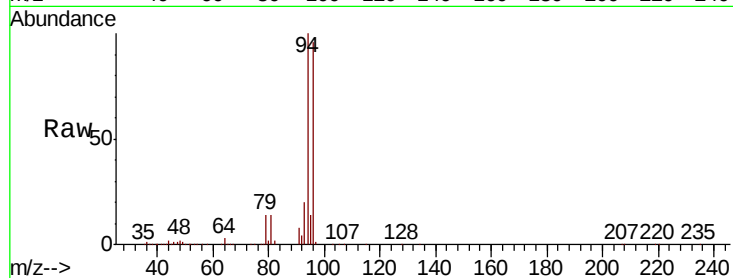
VSTDCCC050EC

Tot Ion: 94 Resp: 111160

Ion Ratio Lower Upper

94 100

96 96.2 74.5 111.7



#6

Chloroethane

Concen: 50.165 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW006800.D

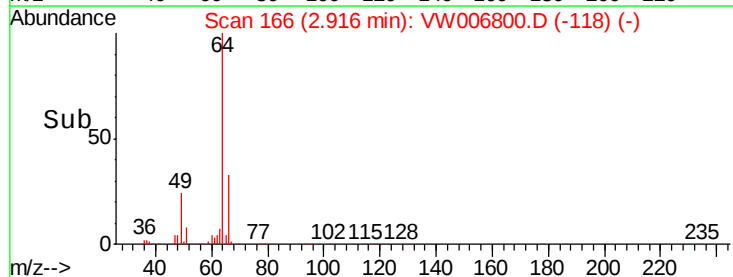
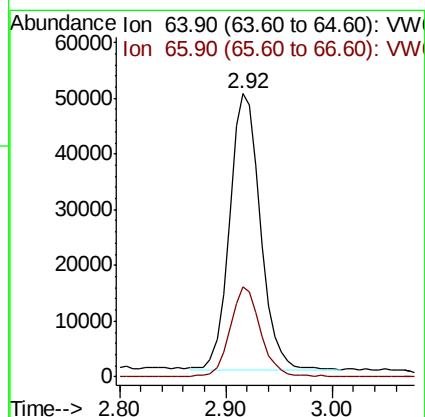
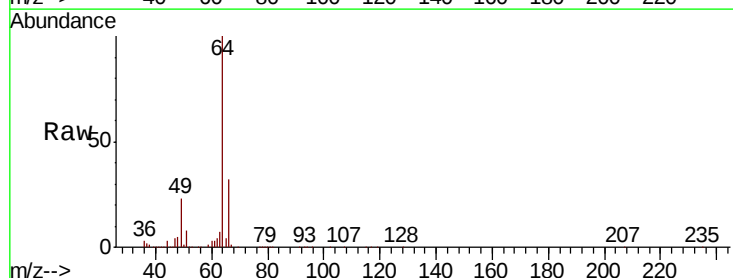
Acq: 09 Nov 2018 21:57

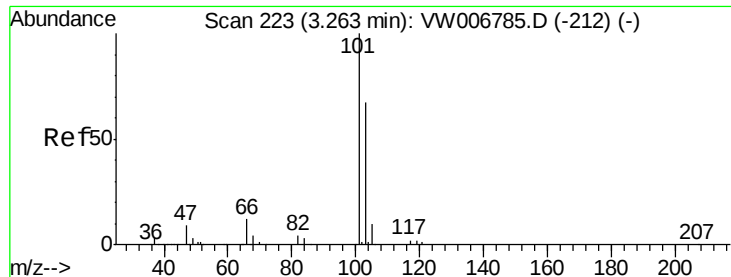
Tgt Ion: 64 Resp: 99703

Ion Ratio Lower Upper

64 100

66 32.4 25.4 38.2



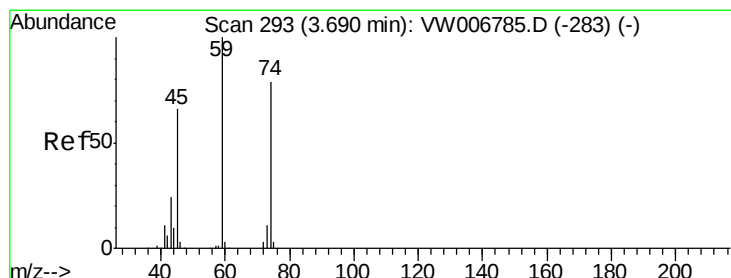
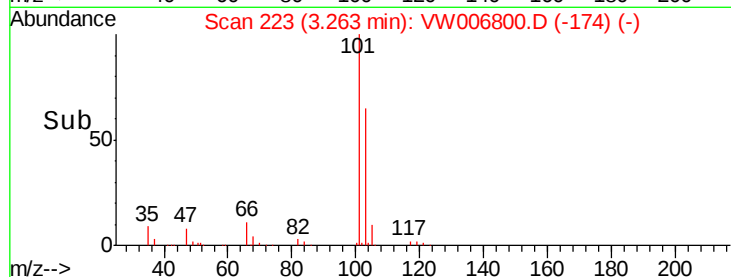
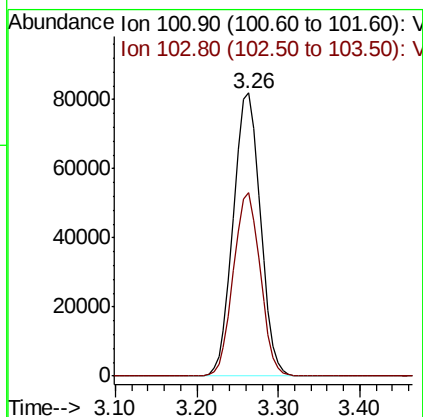
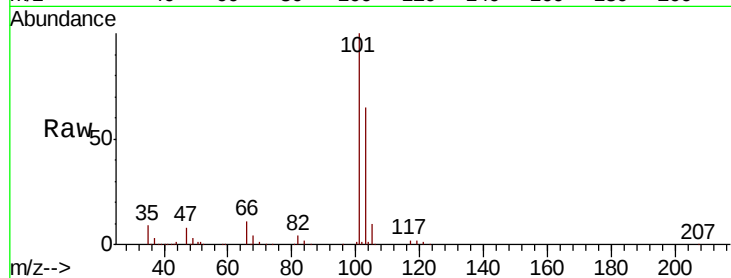


#7

Trichlorofluoromethane
 Concen: 49.403 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW006800.D
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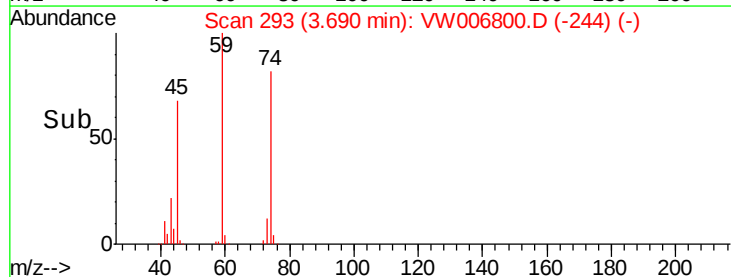
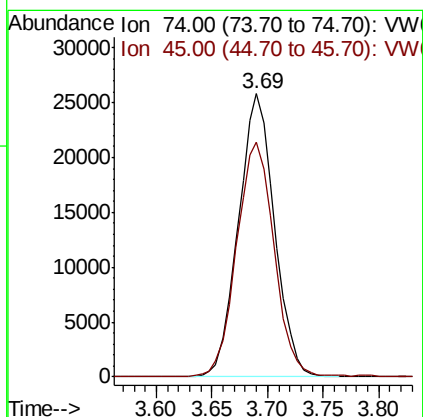
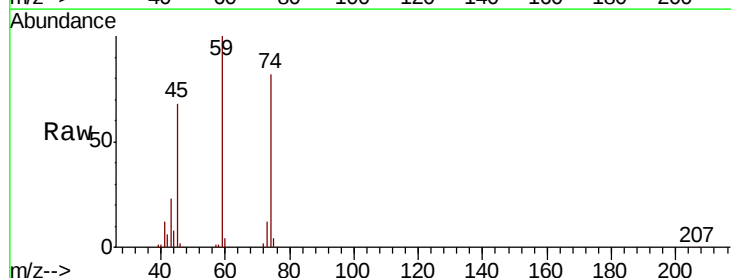
Tot Ion:101 Resp: 188519
 Ion Ratio Lower Upper
 101 100
 103 64.6 53.4 80.0

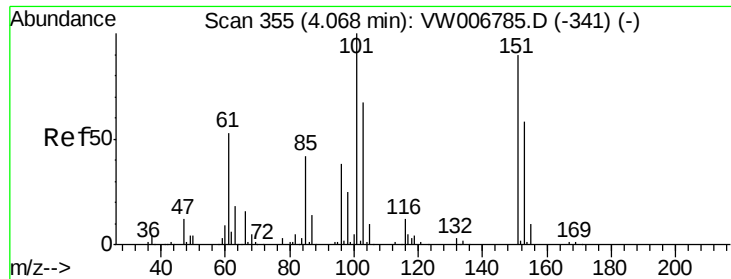


#8

Diethyl Ether
 Concen: 52.171 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW006800.D
 Acq: 09 Nov 2018 21:57

Tgt Ion: 74 Resp: 57915
 Ion Ratio Lower Upper
 74 100
 45 86.5 44.0 132.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.945 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

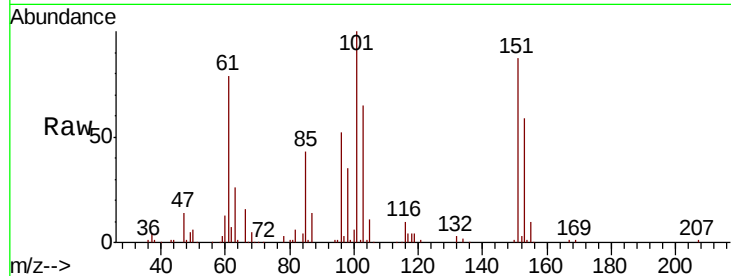
Tot Ion:101 Resp: 119028

Ion Ratio Lower Upper

101 100

85 42.2 34.0 51.0

151 88.4 70.7 106.1

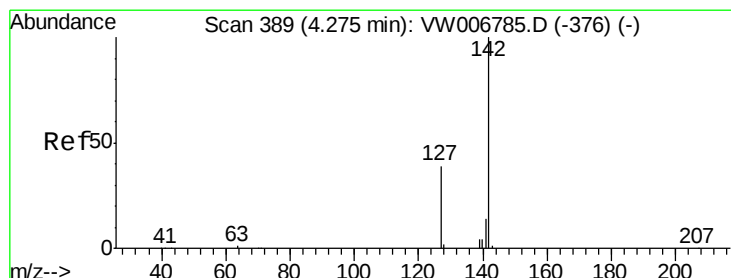
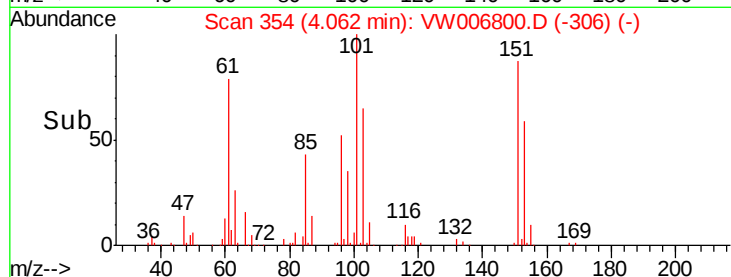
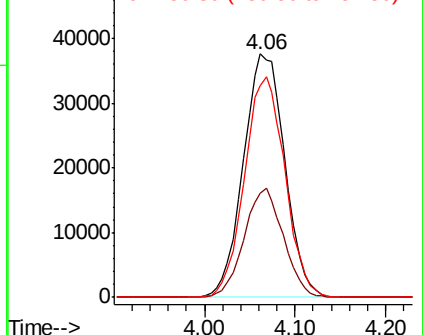


Abundance

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: 55.700 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

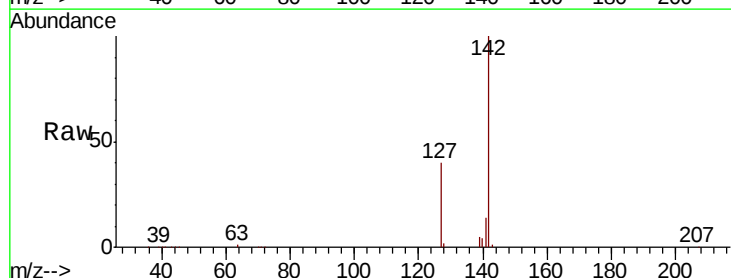
Tgt Ion:142 Resp: 196205

Ion Ratio Lower Upper

142 100

127 40.0 32.3 48.5

141 14.2 11.4 17.0

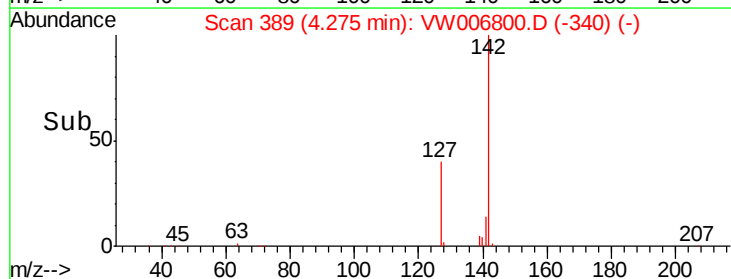
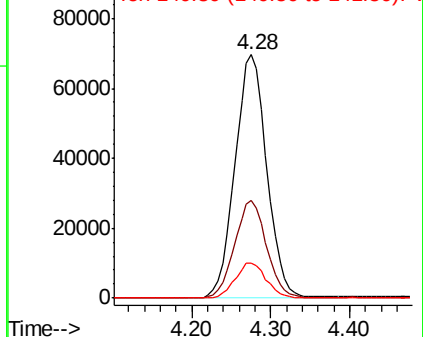


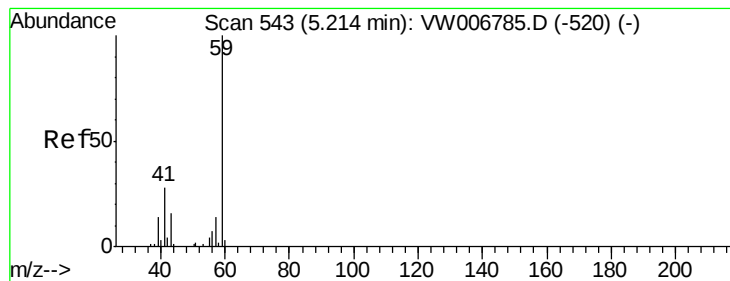
Abundance

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



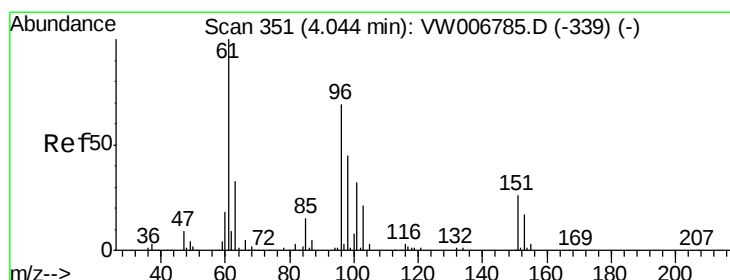
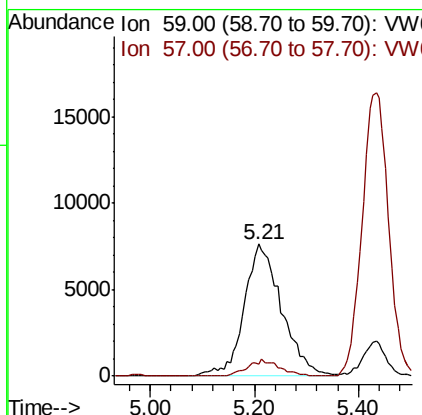
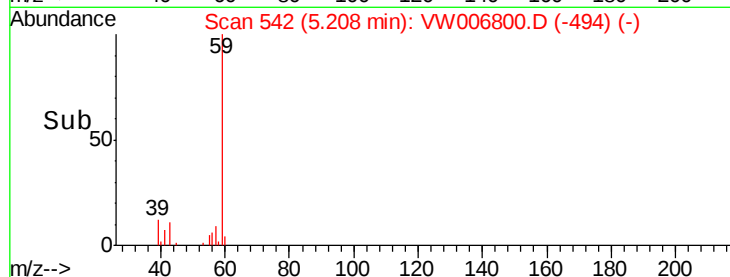
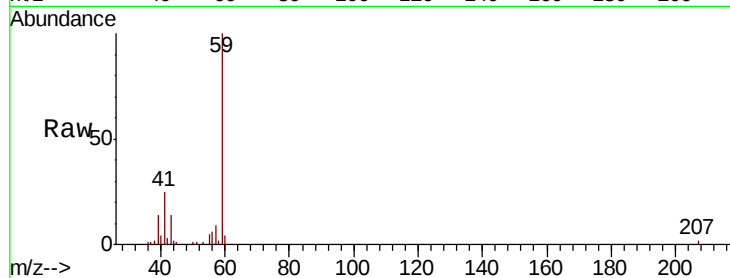


#11

Tert butyl alcohol
Concen: 267.391 ug/l
RT: 5.21 min Scan# 542
Delta R.T. -0.01 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

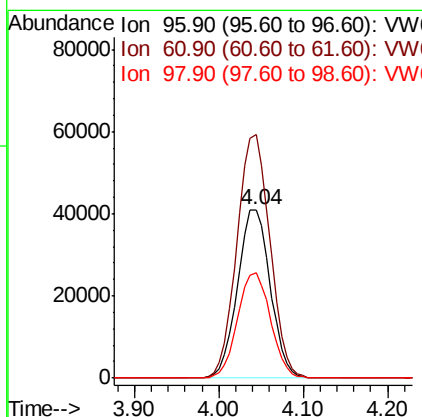
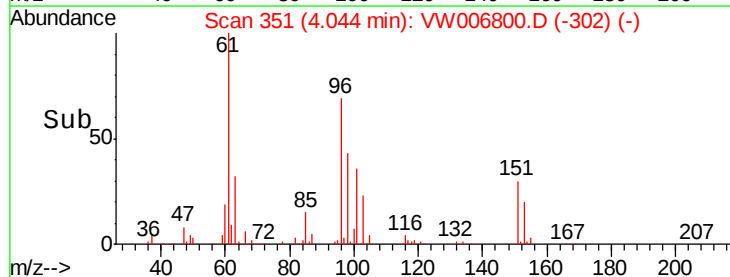
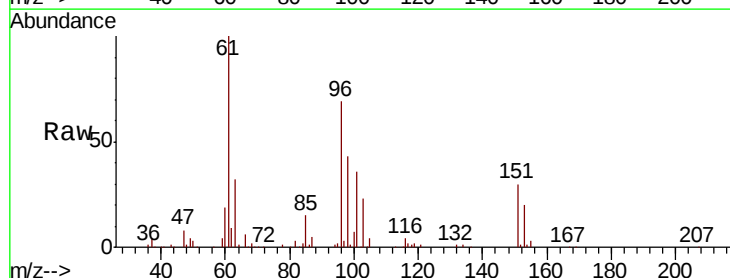
Tot Ion: 59 Resp: 38173
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1

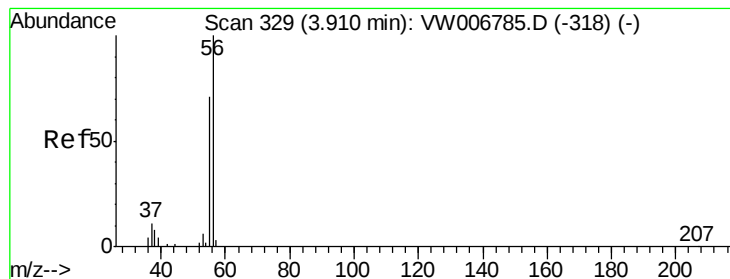


#12

1,1-Dichloroethene
Concen: 50.894 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Tgt Ion: 96 Resp: 107602
Ion Ratio Lower Upper
96 100
61 144.7 116.0 174.0
98 62.8 52.0 78.0





#13

Acrolein

Concen: 241.346 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.01 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Instrument :

MSVOA_W

ClientSampleId :

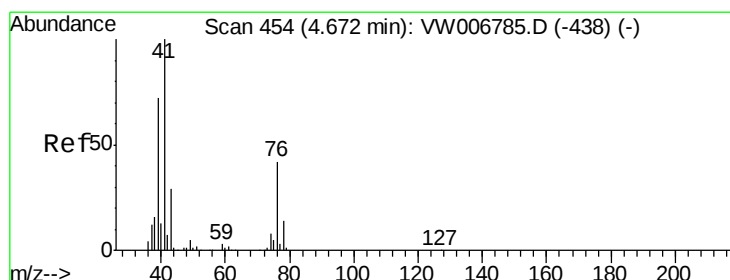
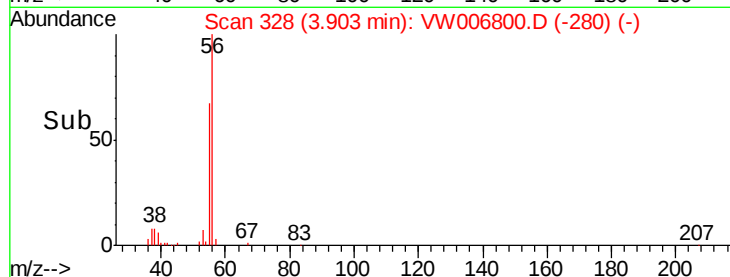
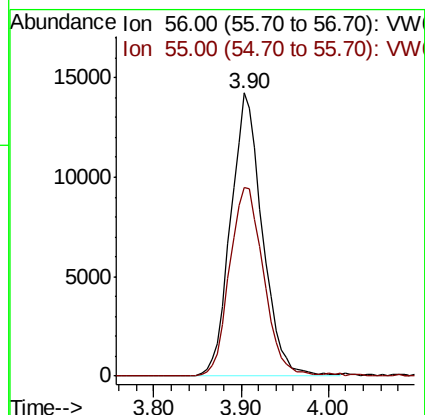
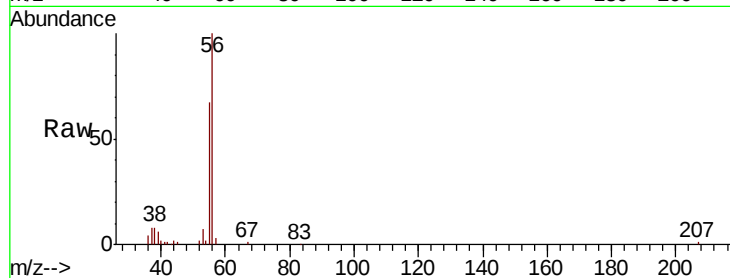
VSTDCCC050EC

Tot Ion: 56 Resp: 35884

Ion Ratio Lower Upper

56 100

55 71.4 56.9 85.3



#14

Allyl chloride

Concen: 51.354 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

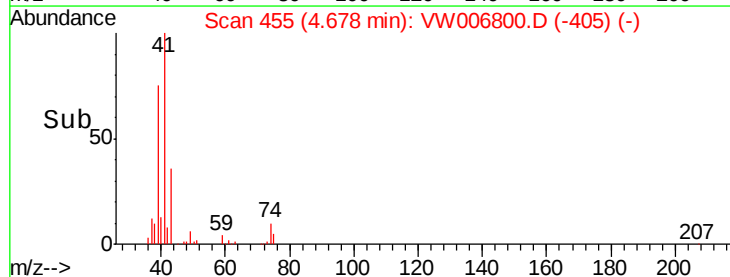
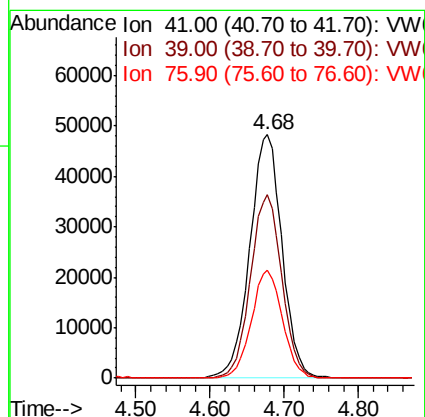
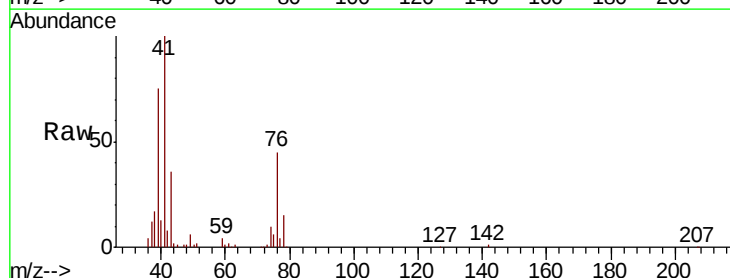
Tgt Ion: 41 Resp: 146361

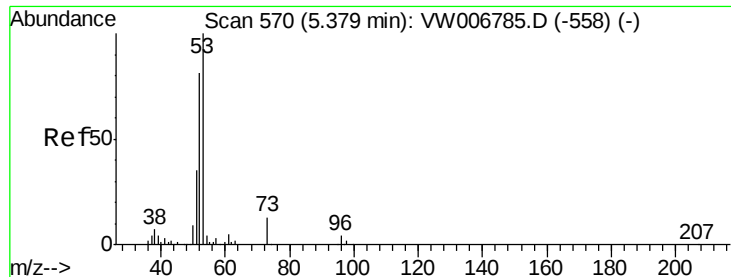
Ion Ratio Lower Upper

41 100

39 73.7 60.0 90.0

76 42.8 34.2 51.4





#15

Acrylonitrile

Concen: 274.558 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

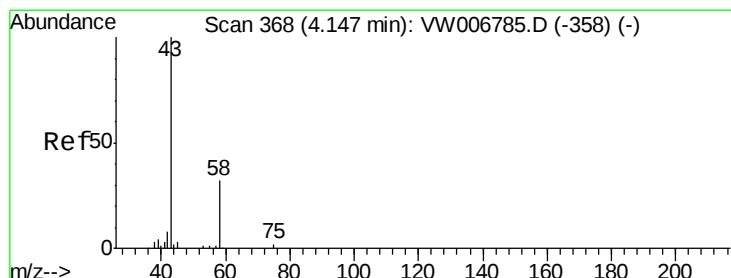
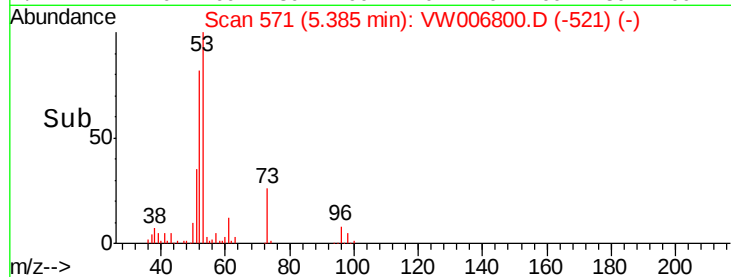
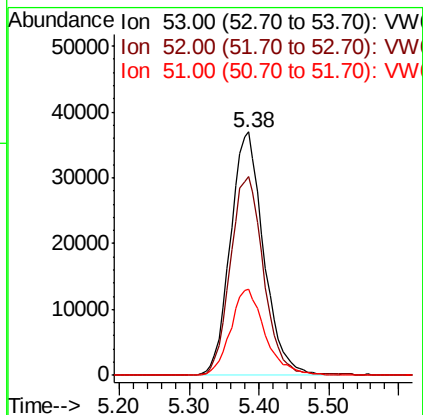
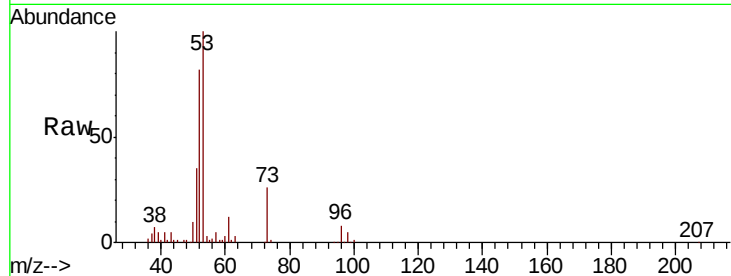
Tot Ion: 53 Resp: 121998

Ion Ratio Lower Upper

53 100

52 81.4 65.2 97.8

51 36.9 30.2 45.4



#16

Acetone

Concen: 263.489 ug/l

RT: 4.15 min Scan# 368

Delta R.T. -0.00 min

Lab File: VW006800.D

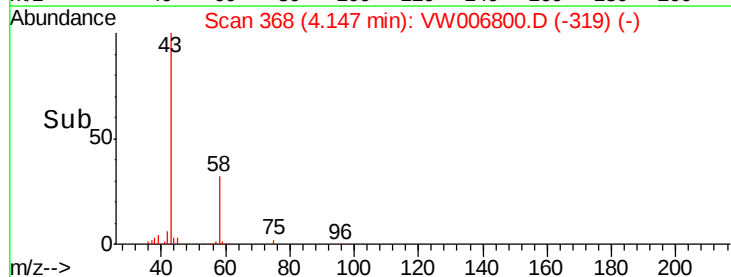
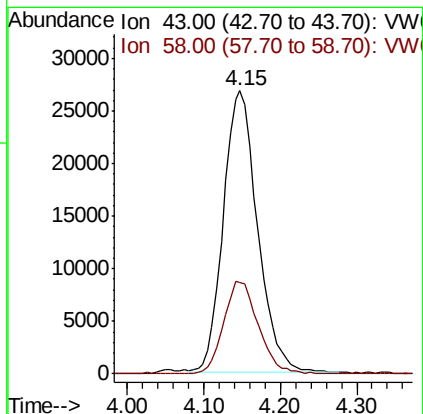
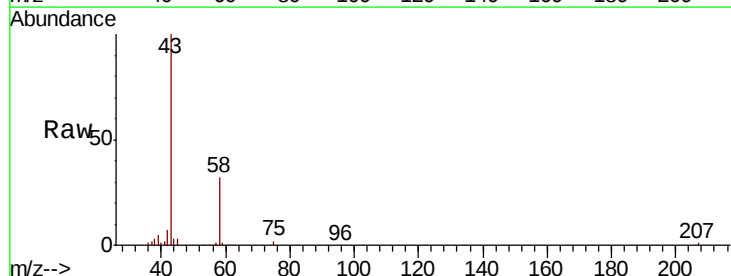
Acq: 09 Nov 2018 21:57

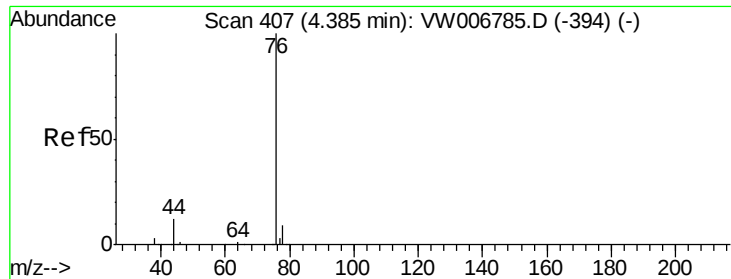
Tgt Ion: 43 Resp: 82729

Ion Ratio Lower Upper

43 100

58 32.3 25.4 38.0

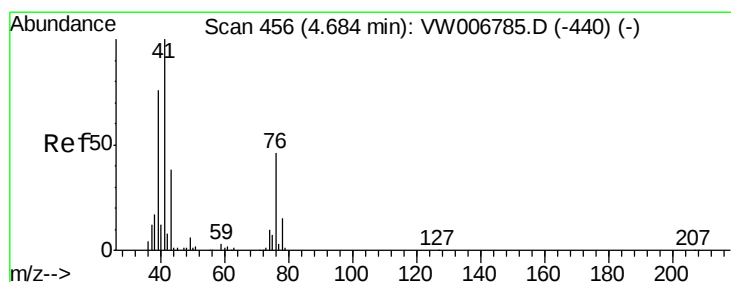
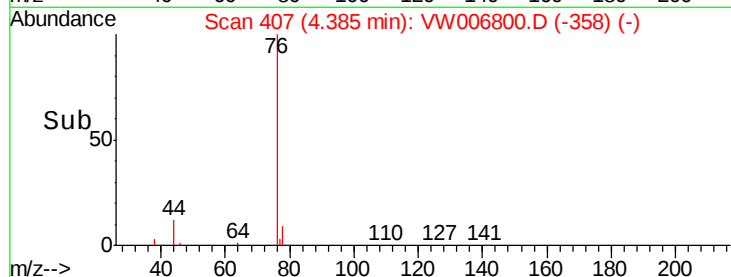
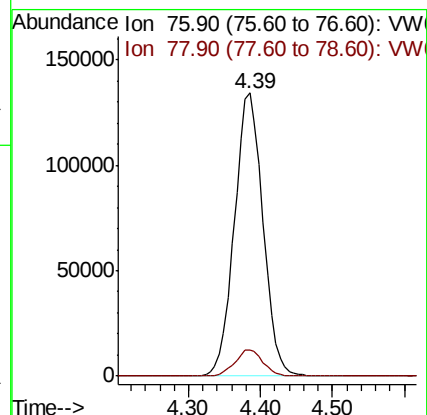
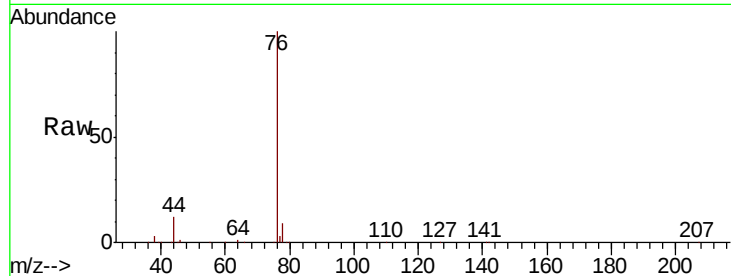




#17
Carbon Disulfide
Concen: 52.889 ug/l
RT: 4.39 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

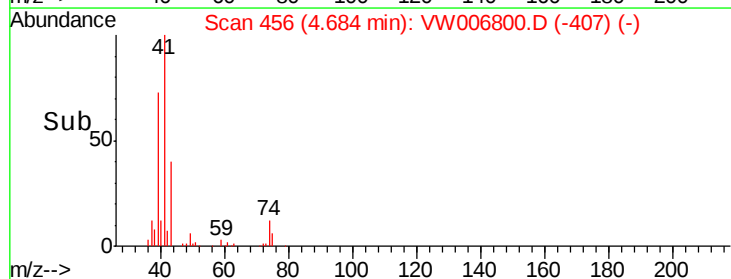
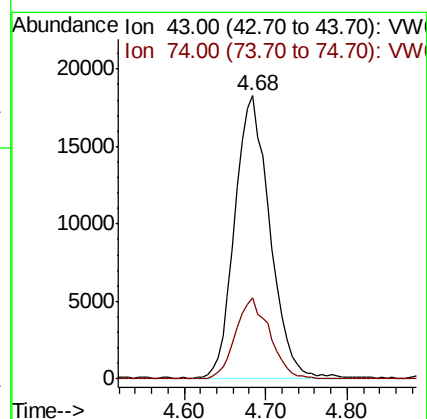
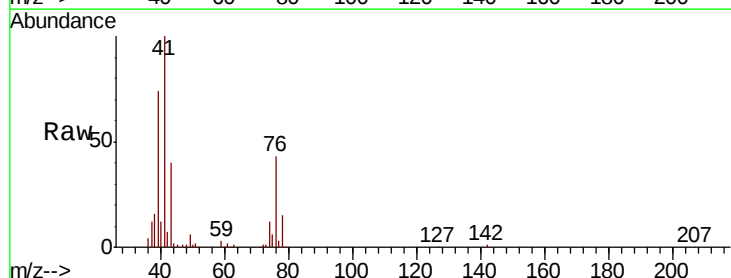
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

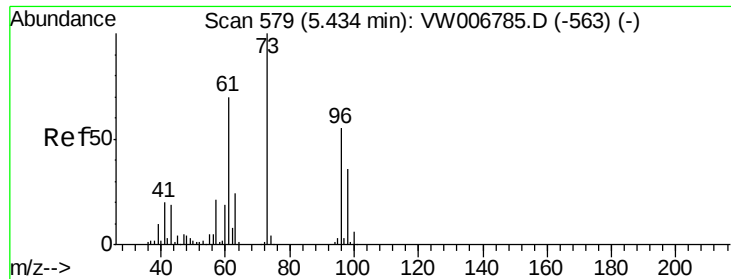
Tot Ion: 76 Resp: 368856
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 49.074 ug/l
RT: 4.68 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Tgt Ion: 43 Resp: 54070
Ion Ratio Lower Upper
43 100
74 28.1 21.8 32.8

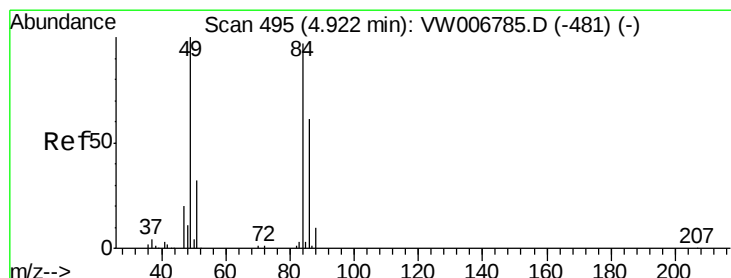
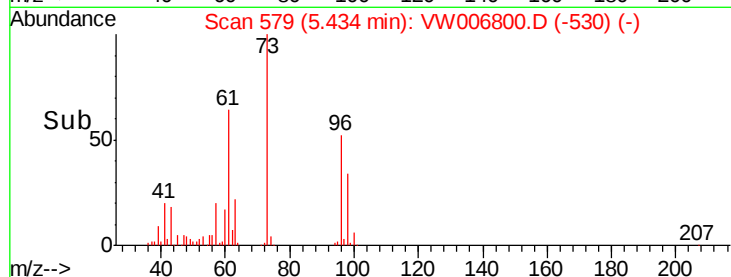
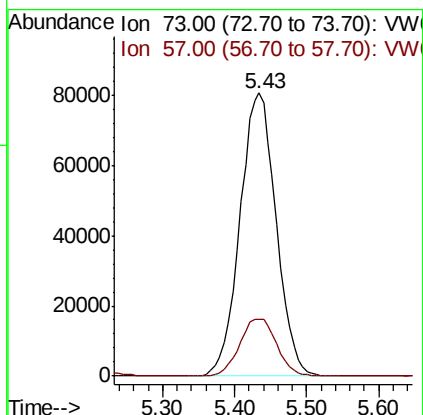
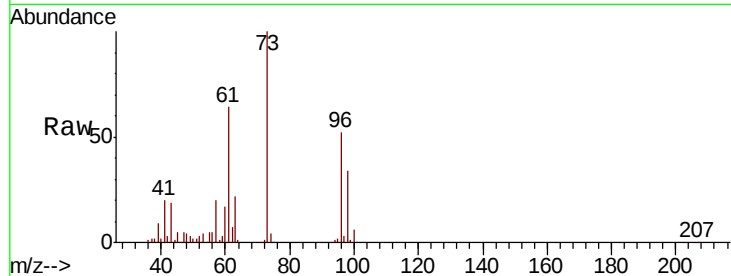




#19
Methyl tert-butyl Ether
Concen: 54.115 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

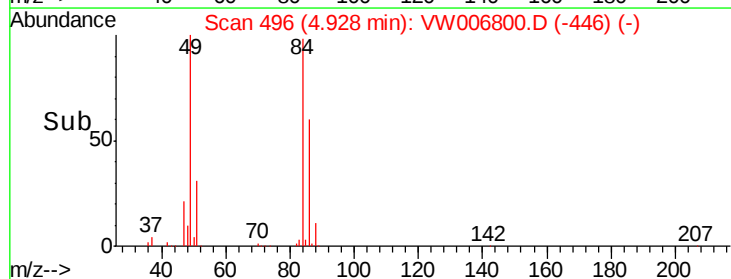
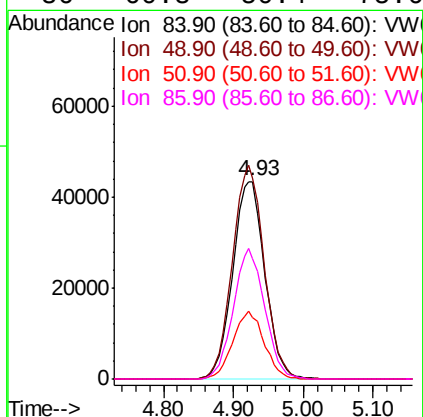
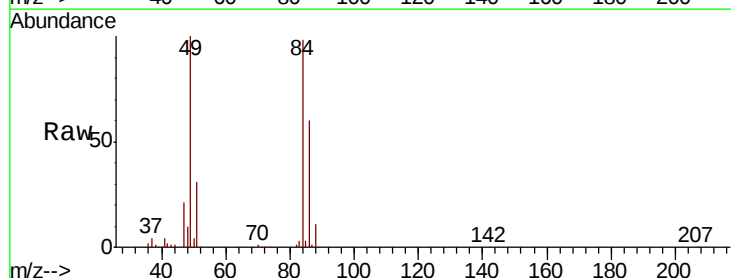
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

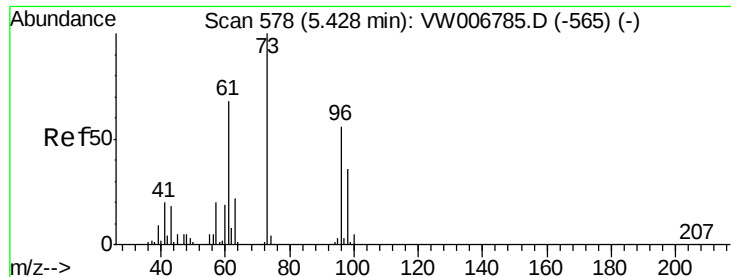
Tot Ion: 73 Resp: 280229
Ion Ratio Lower Upper
73 100
57 20.3 17.0 25.6



#20
Methylene Chloride
Concen: 54.346 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Tgt Ion: 84 Resp: 138441
Ion Ratio Lower Upper
84 100
49 101.6 82.4 123.6
51 31.4 26.7 40.1
86 60.8 50.4 75.6

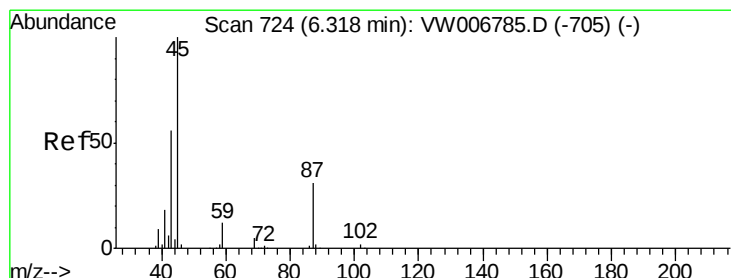
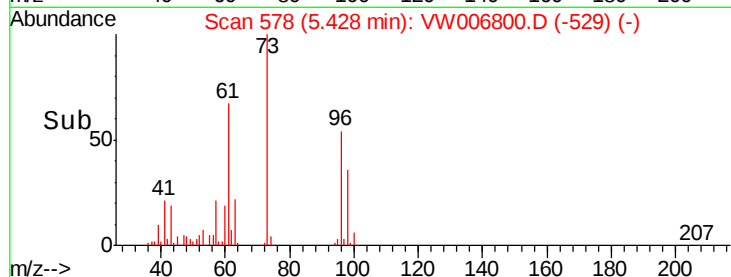
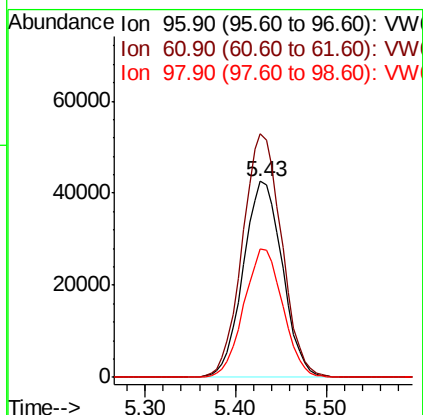
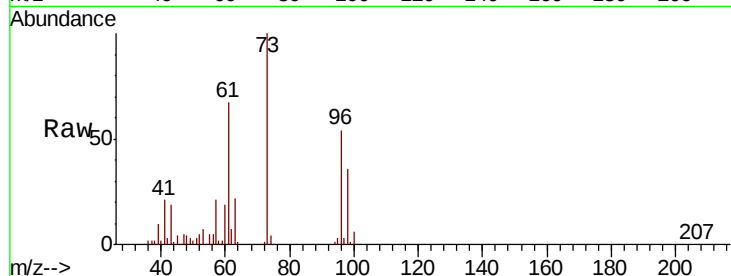




#21
trans-1,2-Dichloroethene
Concen: 50.391 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

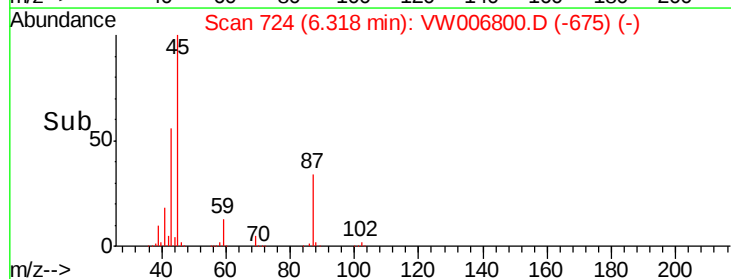
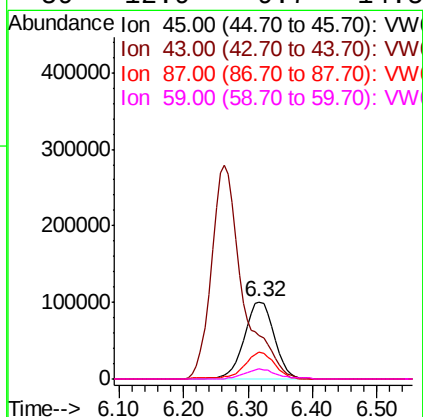
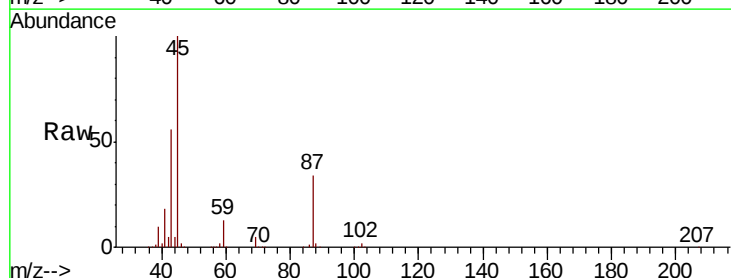
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

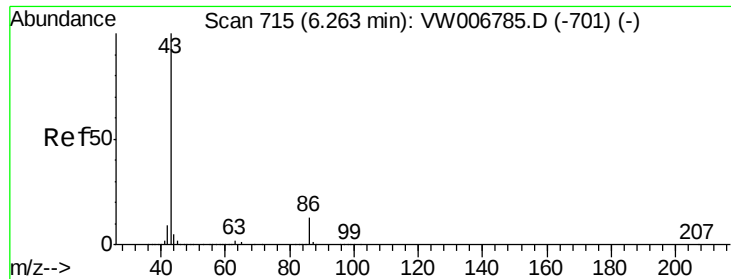
Tot Ion: 96 Resp: 127435
Ion Ratio Lower Upper
96 100
61 124.3 97.6 146.4
98 65.9 51.6 77.4



#22
Diisopropyl ether
Concen: 53.995 ug/l
RT: 6.32 min Scan# 724
Delta R.T. 0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Tgt Ion: 45 Resp: 324311
Ion Ratio Lower Upper
45 100
43 55.7 44.6 66.8
87 34.3 25.5 38.3
59 12.9 9.7 14.5





#23

Vinyl Acetate

Concen: 274.101 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Instrument :

MSVOA_W

ClientSampleId :

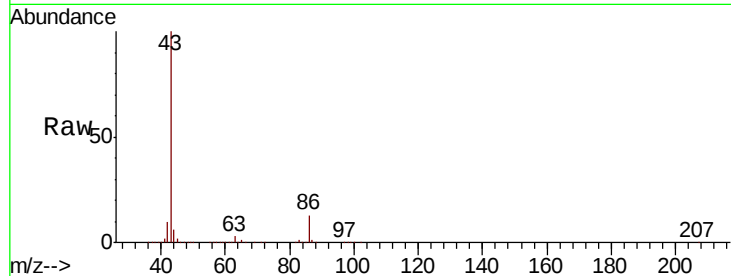
VSTDCCC050EC

Tot Ion: 43 Resp: 938954

Ion Ratio Lower Upper

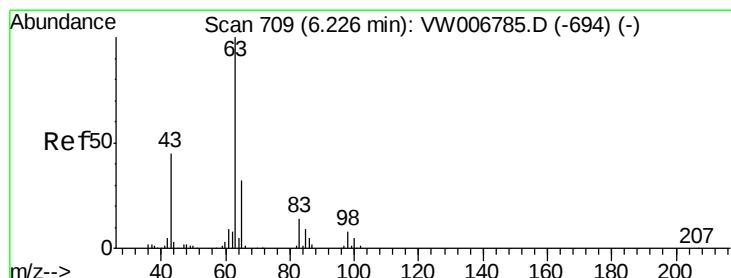
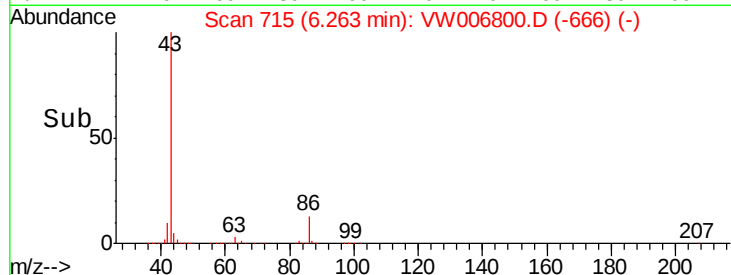
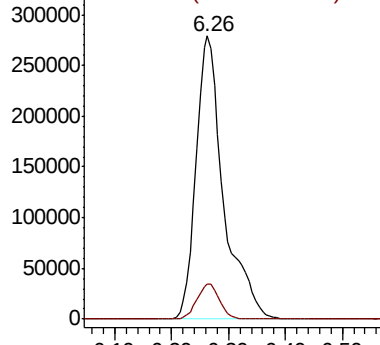
43 100

86 12.6 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 51.513 ug/l

RT: 6.23 min Scan# 709

Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

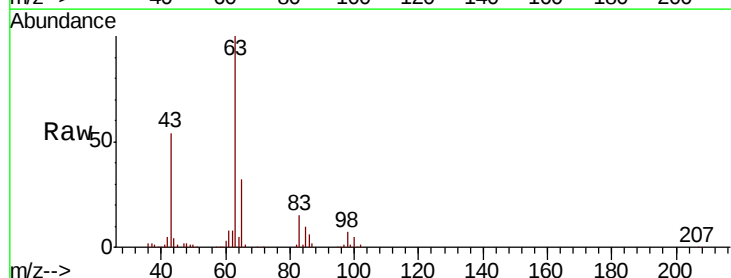
Tgt Ion: 63 Resp: 202400

Ion Ratio Lower Upper

63 100

98 7.4 4.0 12.2

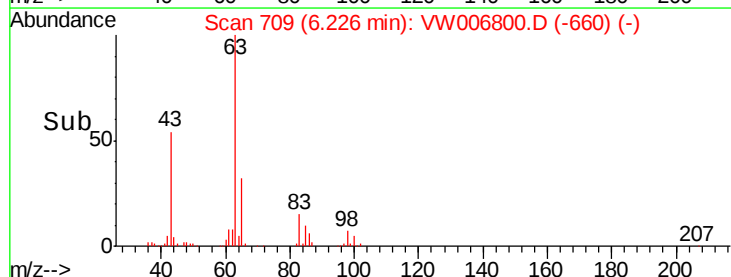
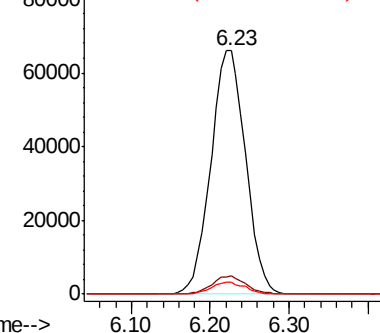
100 4.8 2.3 6.9

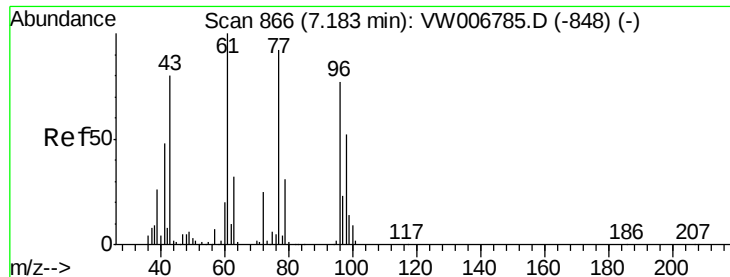


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 274.076 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Instrument :

MSVOA_W

ClientSampleId :

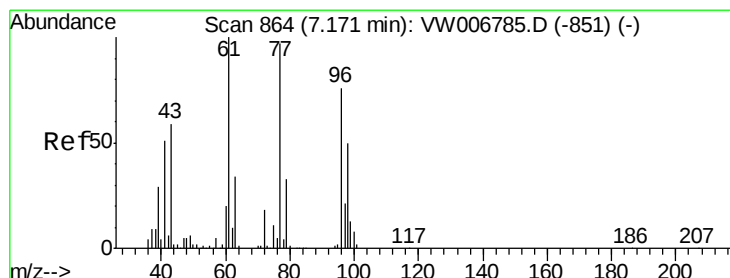
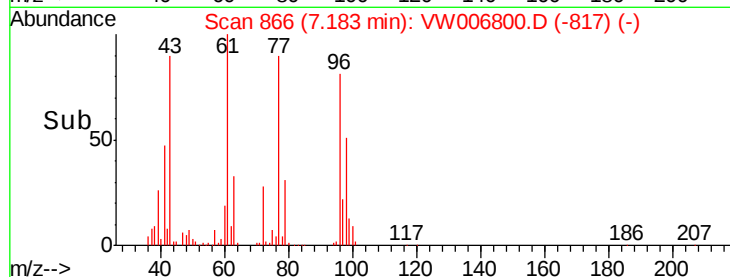
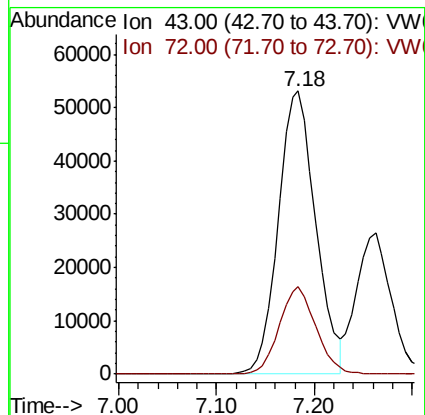
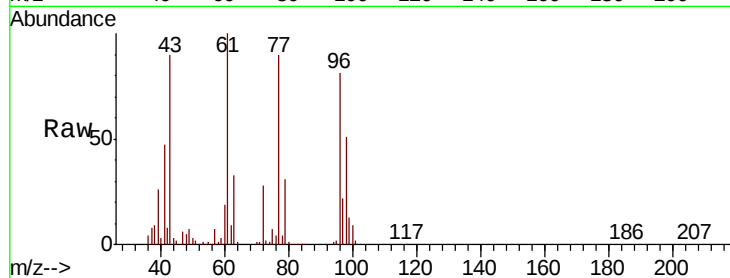
VSTDCCC050EC

Tot Ion: 43 Resp: 142083

Ion Ratio Lower Upper

43 100

72 30.7 24.5 36.7



#26

2,2-Dichloropropane

Concen: 47.318 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW006800.D

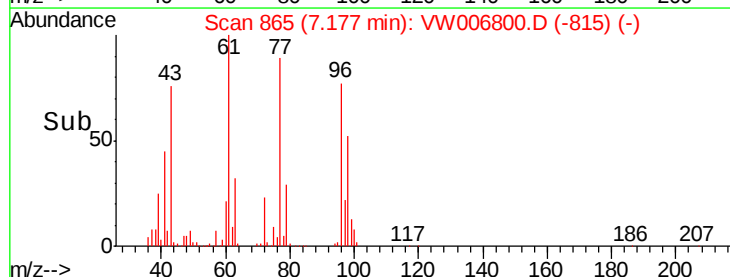
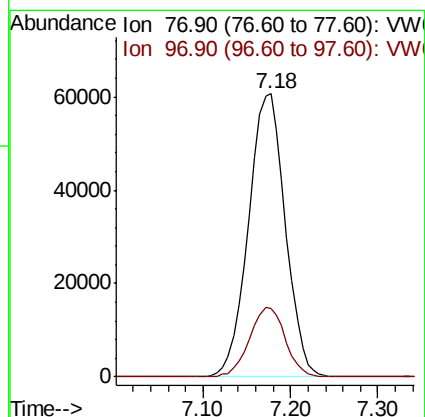
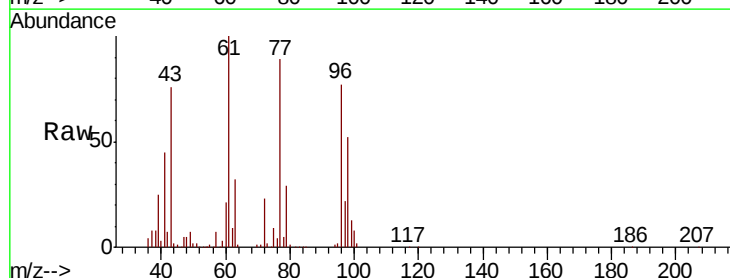
Acq: 09 Nov 2018 21:57

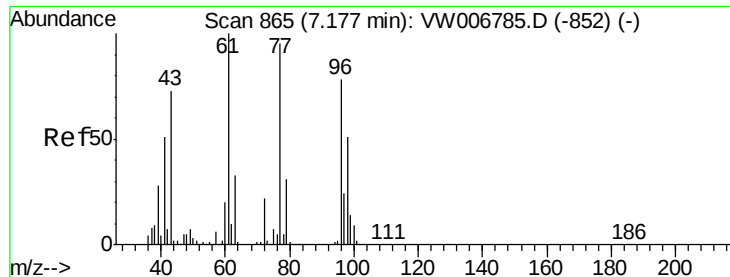
Tgt Ion: 77 Resp: 177138

Ion Ratio Lower Upper

77 100

97 24.0 11.9 35.5



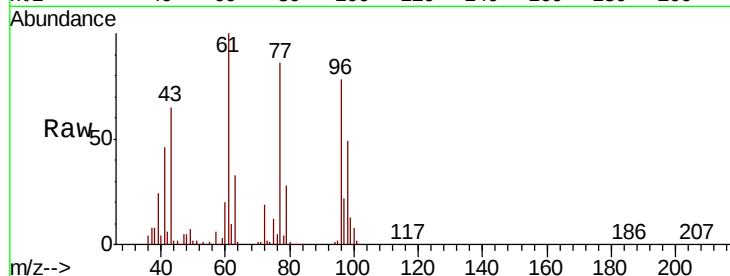


#27

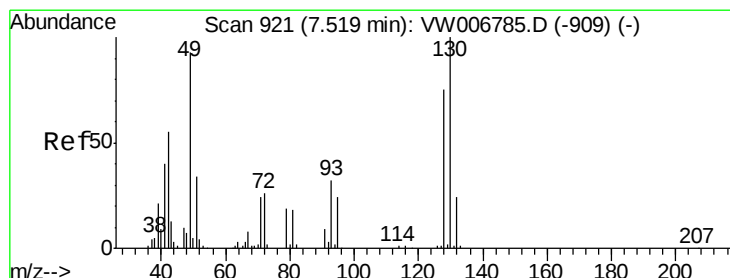
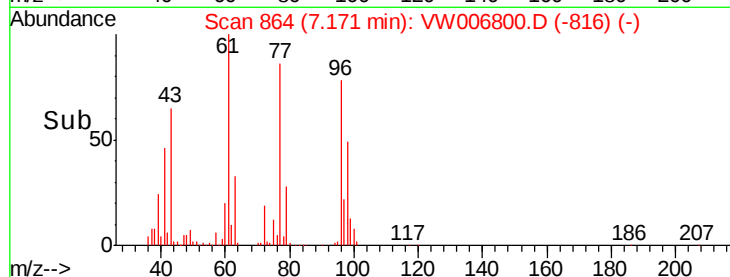
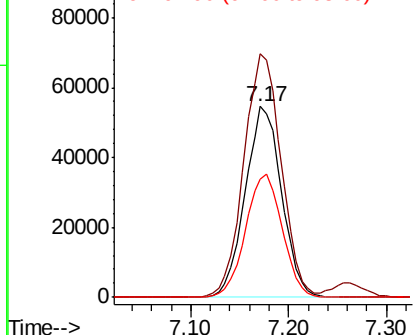
cis-1,2-Dichloroethene
Concen: 52.073 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 141104
Ion Ratio Lower Upper
96 100
61 130.7 0.0 264.4
98 64.9 0.0 130.0



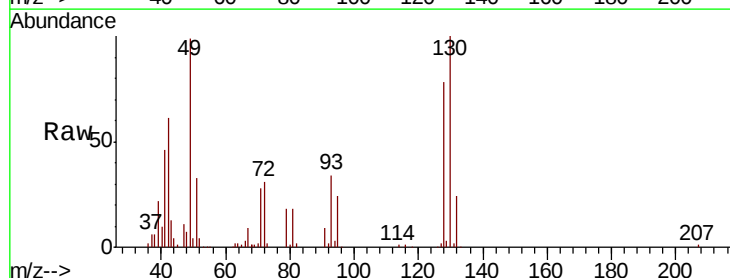
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



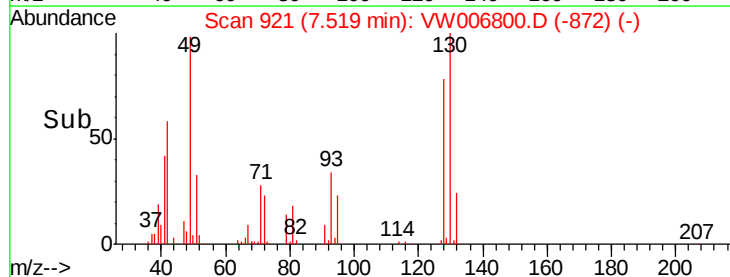
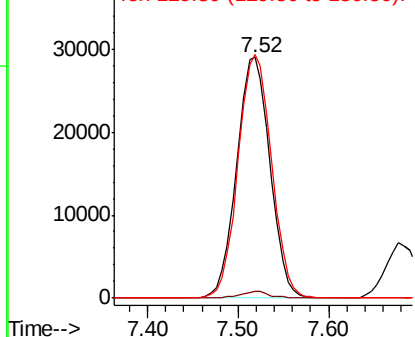
#28

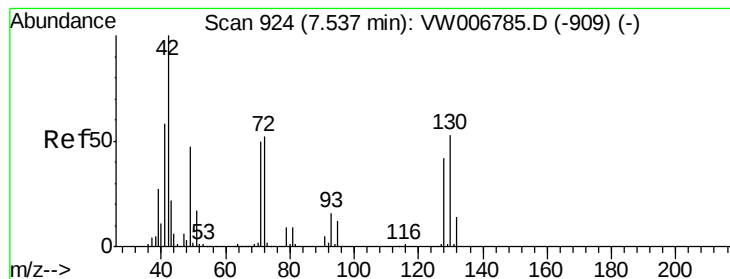
Bromochloromethane
Concen: 50.226 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Tgt Ion: 49 Resp: 73916
Ion Ratio Lower Upper
49 100
129 2.5 0.0 5.6
130 101.3 81.5 122.3



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 272.808 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

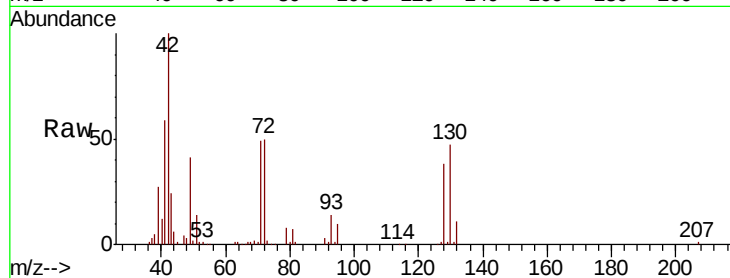
Tot Ion: 42 Resp: 92694

Ion Ratio Lower Upper

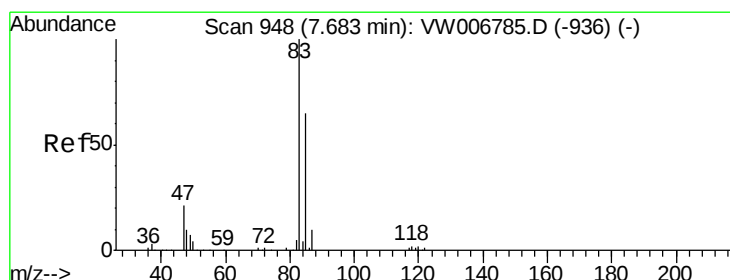
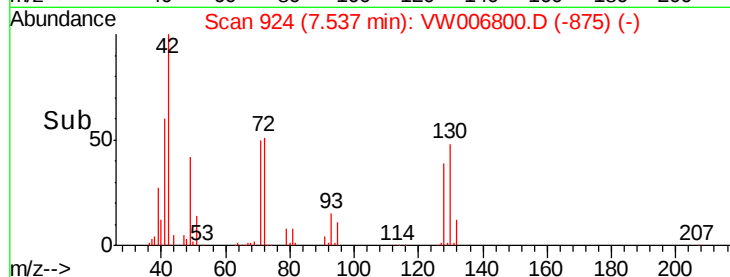
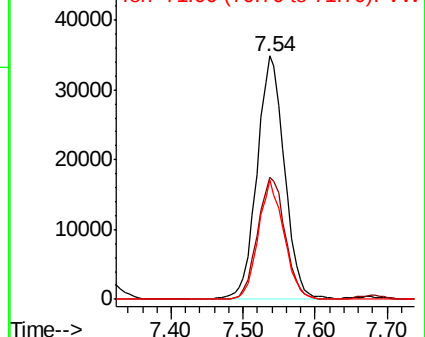
42 100

72 50.0 39.8 59.8

71 45.9 37.8 56.6



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



#30

Chloroform

Concen: 50.875 ug/l

RT: 7.68 min Scan# 948

Delta R.T. -0.00 min

Lab File: VW006800.D

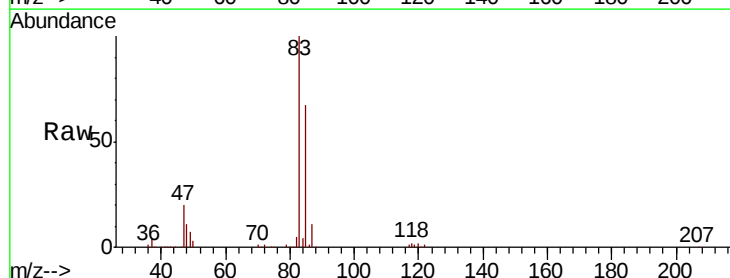
Acq: 09 Nov 2018 21:57

Tgt Ion: 83 Resp: 221490

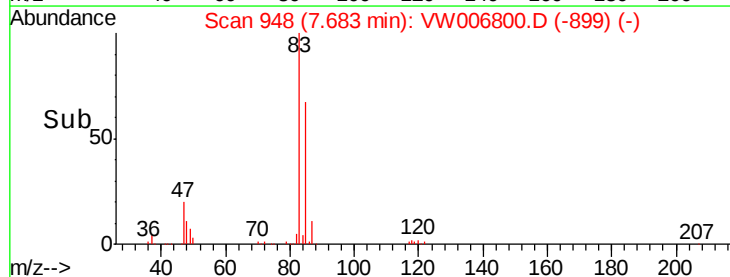
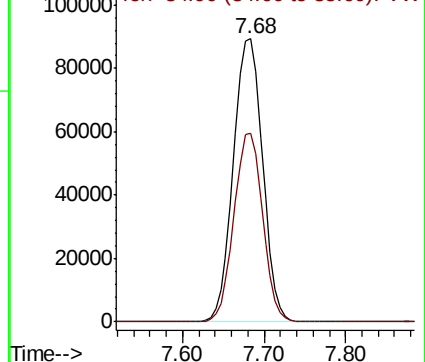
Ion Ratio Lower Upper

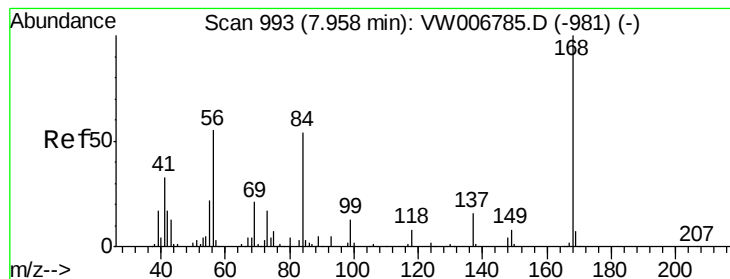
83 100

85 66.8 52.1 78.1



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





#31

Cyclohexane

Concen: 47.115 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

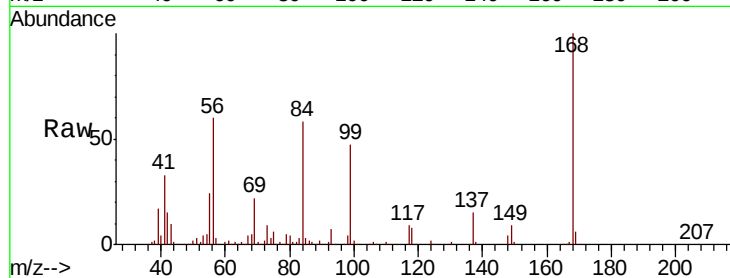
Tot Ion: 56 Resp: 190653

Ion Ratio Lower Upper

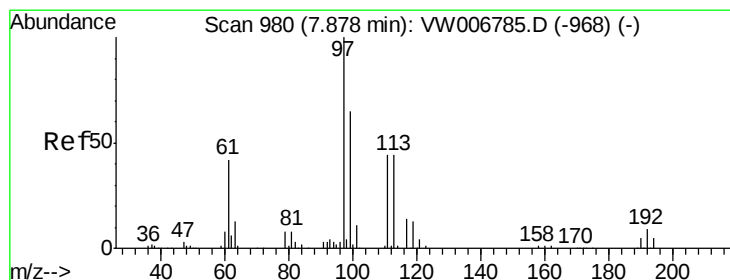
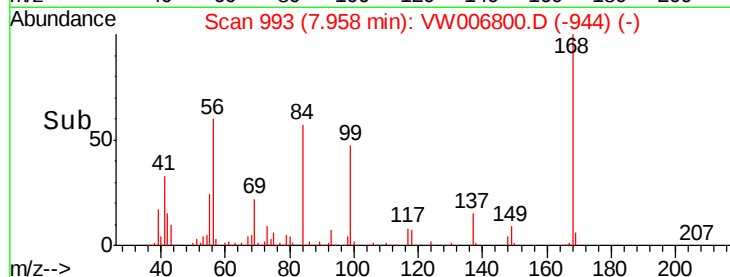
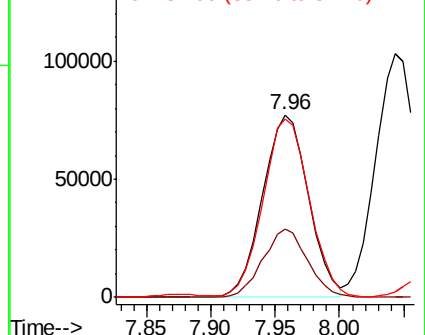
56 100

69 37.2 30.3 45.5

84 96.3 78.2 117.2



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: 49.387 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

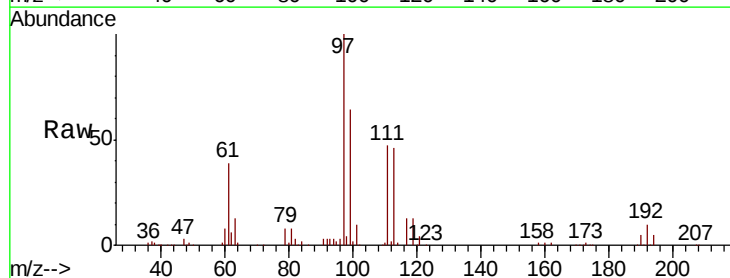
Tgt Ion: 97 Resp: 204061

Ion Ratio Lower Upper

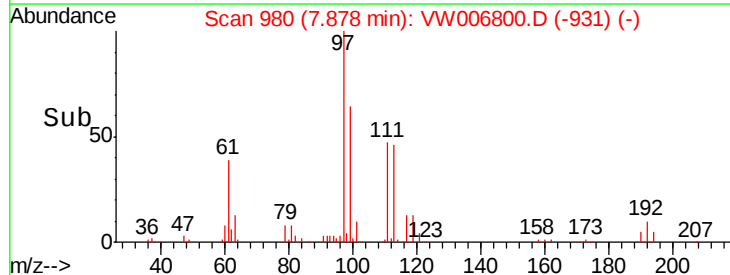
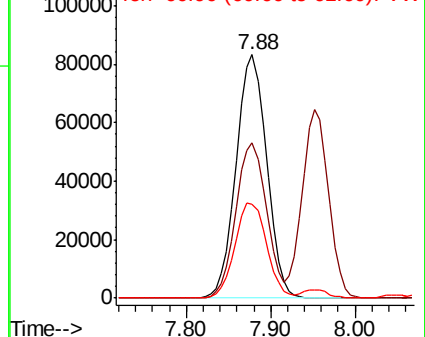
97 100

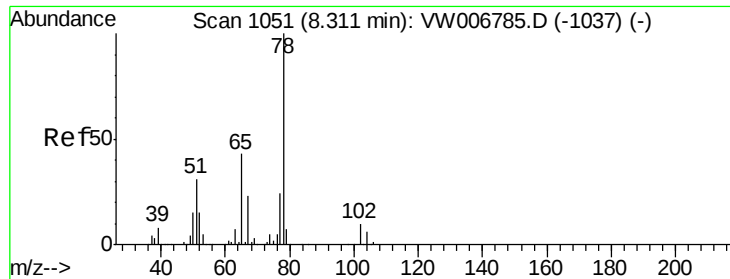
99 64.3 51.4 77.2

61 40.7 32.7 49.1



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

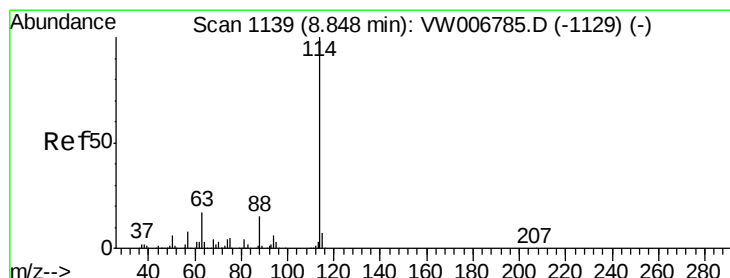
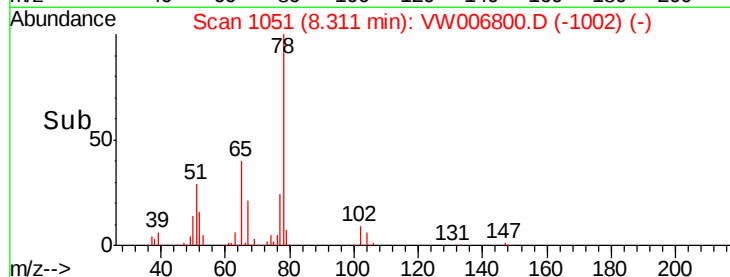
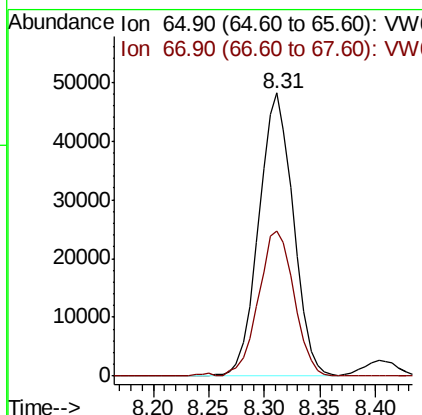
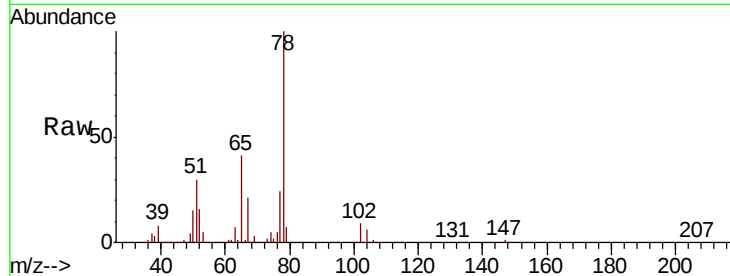




#33
 1,2-Dichloroethane-d4
 Concen: 47.929 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006800.D
 Acq: 09 Nov 2018 21:57

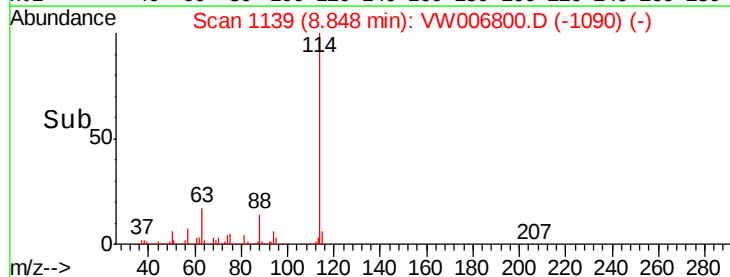
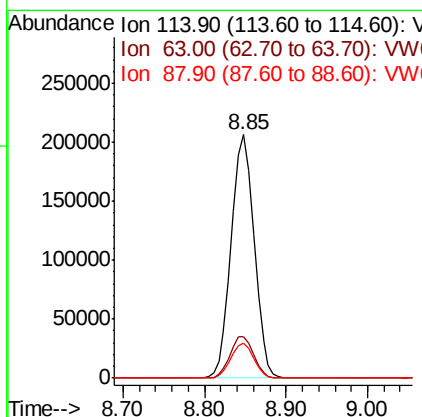
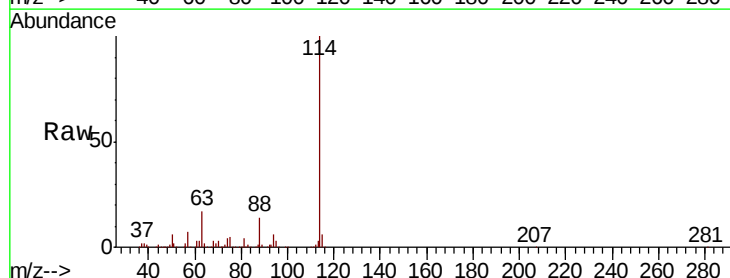
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

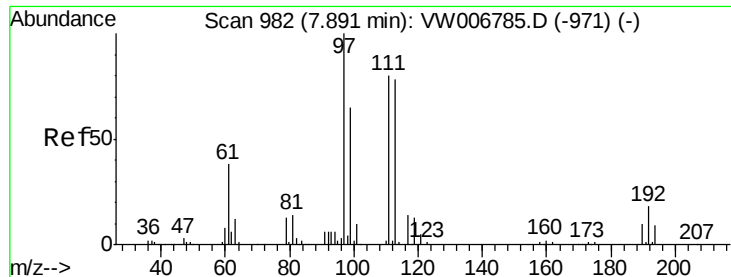
Tot Ion: 65 Resp: 103960
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006800.D
 Acq: 09 Nov 2018 21:57

Tgt Ion: 114 Resp: 400214
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 34.0
 88 14.2 0.0 29.2

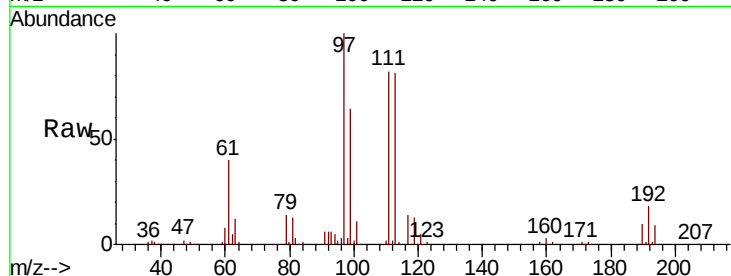




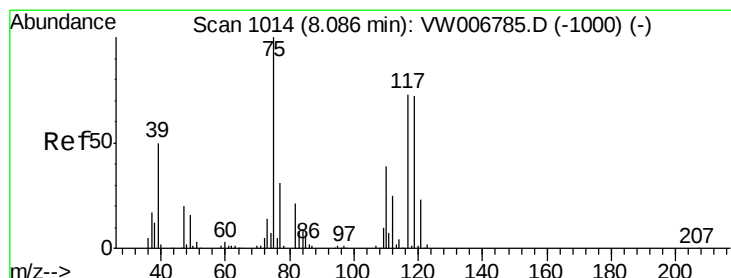
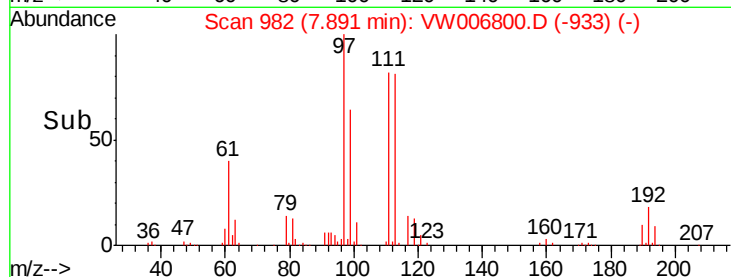
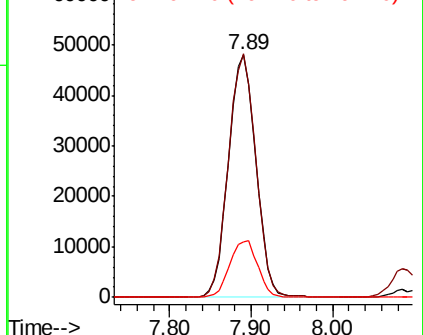
#35
Dibromofluoromethane
Concen: 48.855 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:113 Resp: 111290
Ion Ratio Lower Upper
113 100
111 100.6 81.4 122.2
192 23.7 19.1 28.7

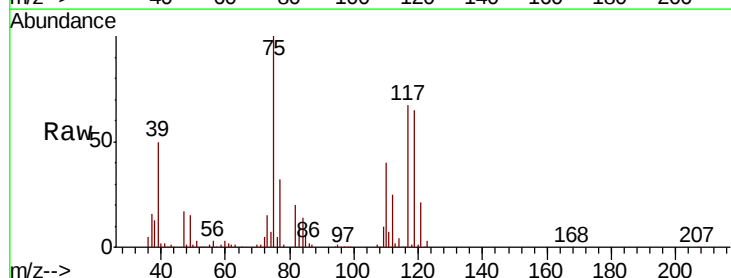


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

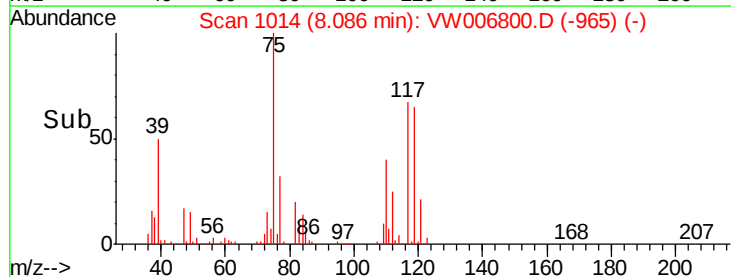
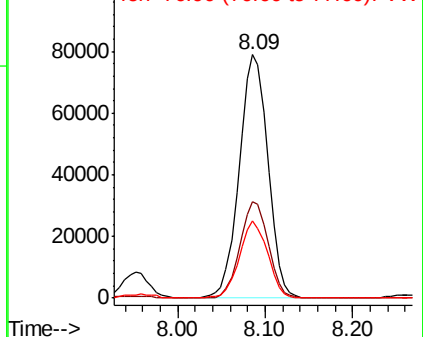


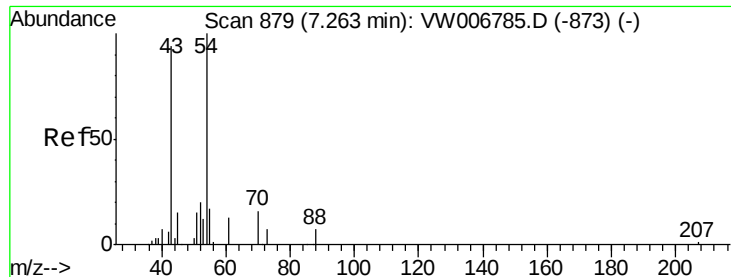
#36
1,1-Dichloropropene
Concen: 49.481 ug/l
RT: 8.09 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Tgt Ion: 75 Resp: 179697
Ion Ratio Lower Upper
75 100
110 39.1 19.6 58.7
77 31.5 24.9 37.3



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

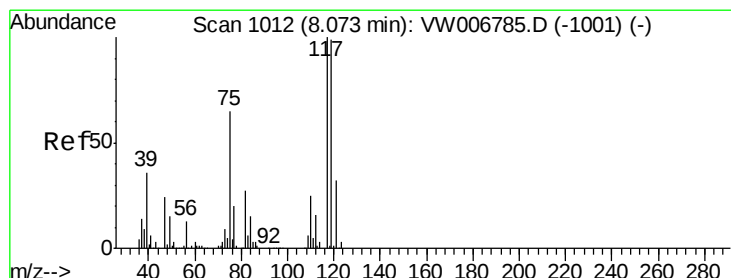
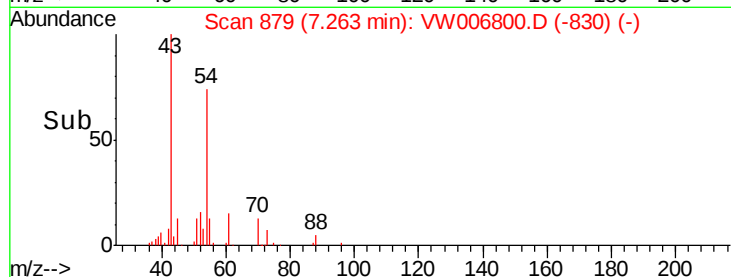
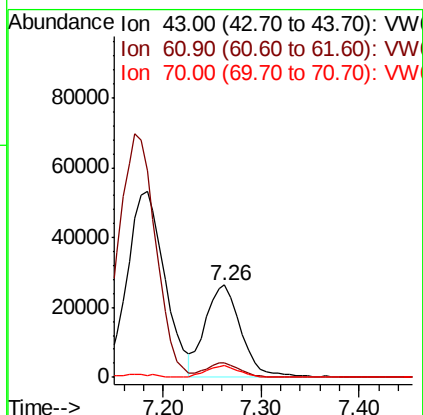
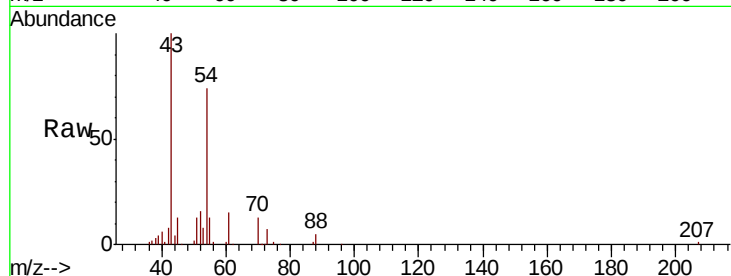




#37
Ethyl Acetate
Concen: 51.505 ug/l
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

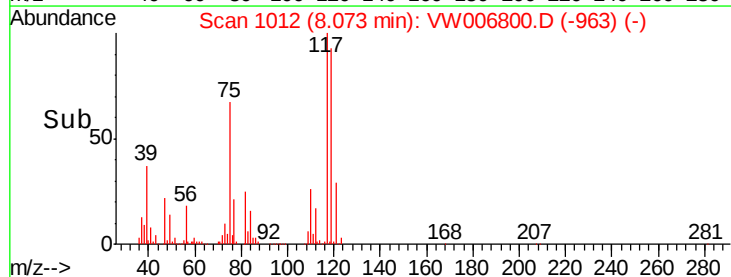
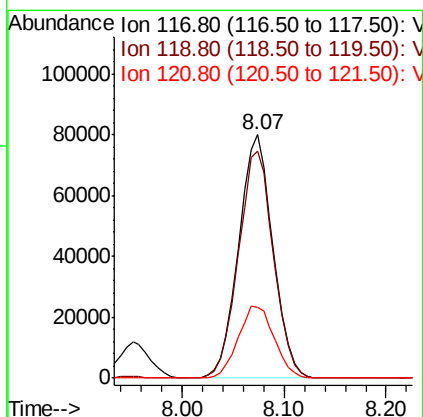
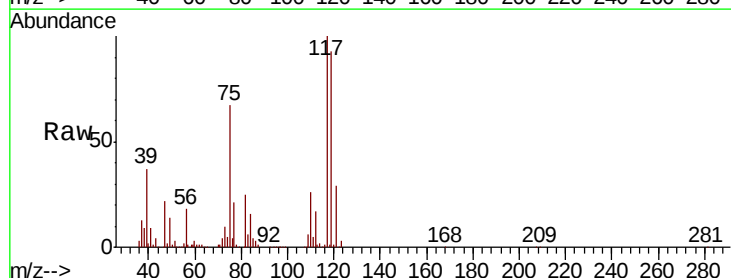
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

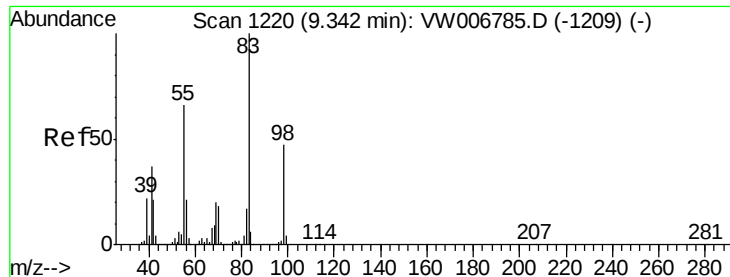
Tot Ion: 43 Resp: 66425
Ion Ratio Lower Upper
43 100
61 14.7 12.2 18.2
70 12.1 9.8 14.8



#38
Carbon Tetrachloride
Concen: 47.986 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Tgt Ion: 117 Resp: 186191
Ion Ratio Lower Upper
117 100
119 93.2 78.9 118.3
121 29.2 25.3 37.9





#39

Methvlcvclohexane

Concen: 50.333 ug/l

RT: 9.34 min Scan# 1220

Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

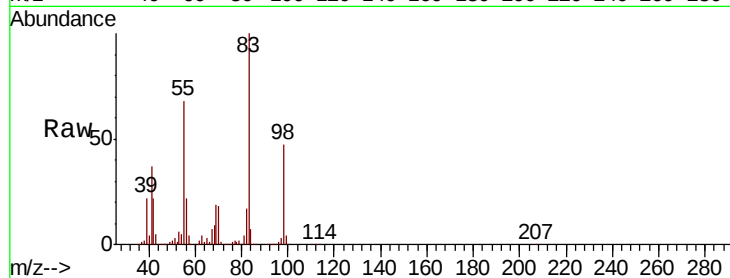
Tot Ion: 83 Resp: 232732

Ion Ratio Lower Upper

83 100

55 68.4 53.0 79.4

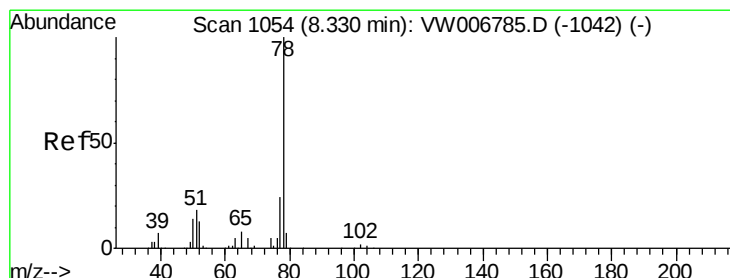
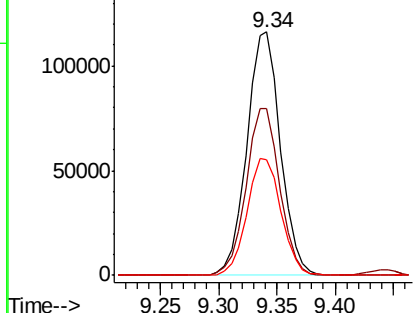
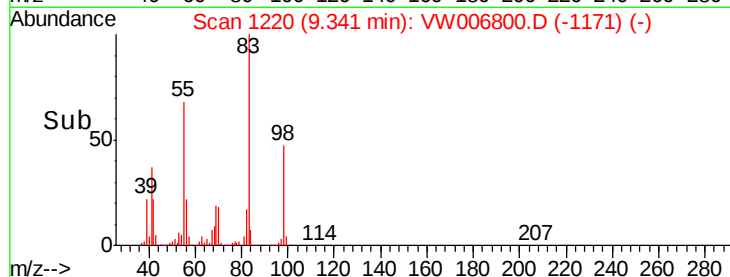
98 47.4 37.9 56.9



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW



#40

Benzene

Concen: 51.119 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VW006800.D

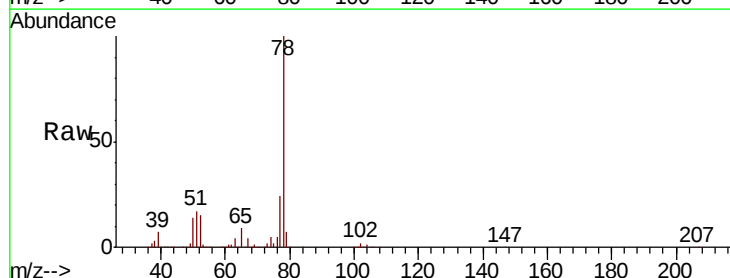
Acq: 09 Nov 2018 21:57

Tgt Ion: 78 Resp: 524221

Ion Ratio Lower Upper

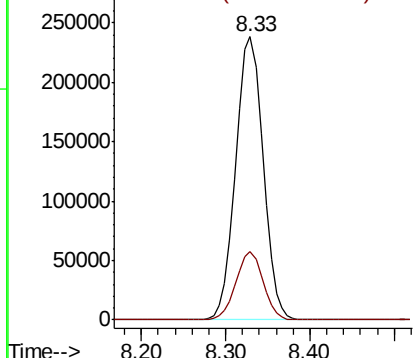
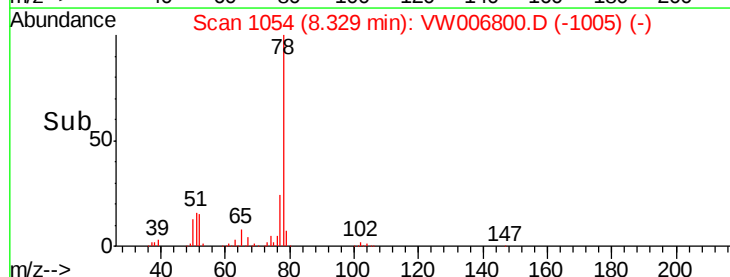
78 100

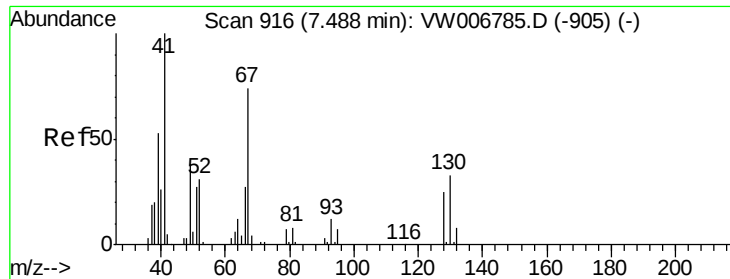
77 23.9 19.4 29.2



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW

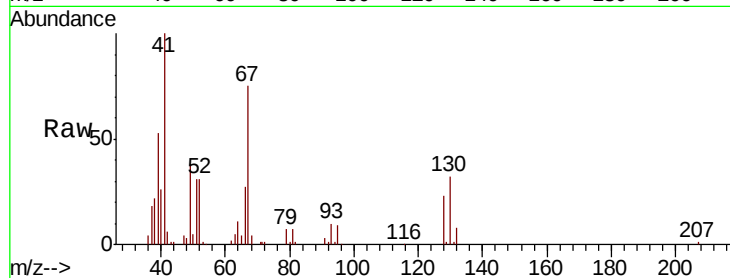




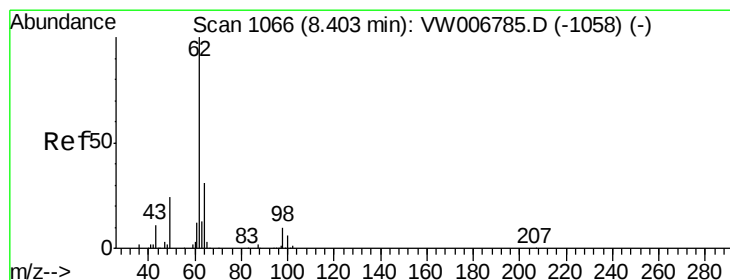
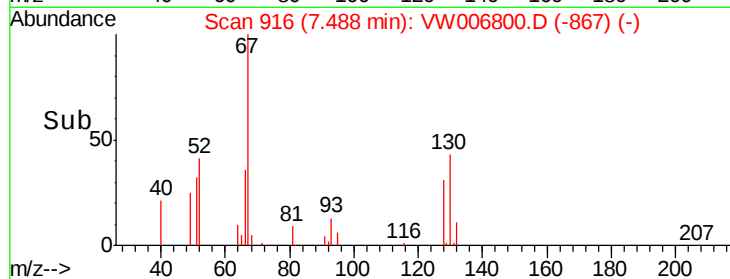
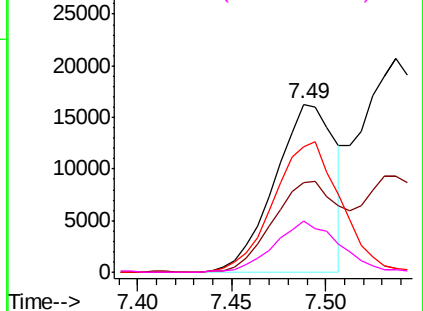
#41
Methacrylonitrile
Concen: 48.294 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	36135
Ion	Ratio	Lower	Upper
41	100		
39	60.8	49.3	73.9
67	86.2	69.3	103.9
52	33.2	28.2	42.4

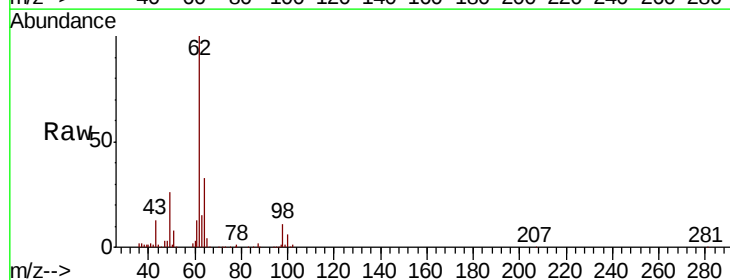


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

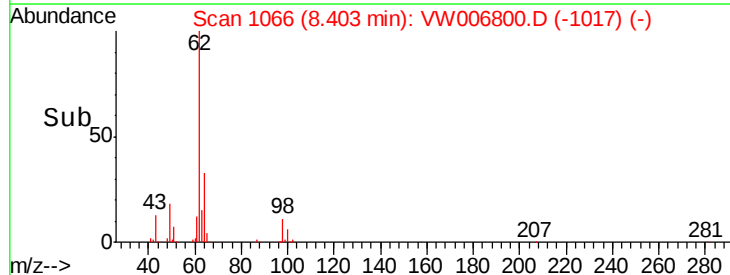
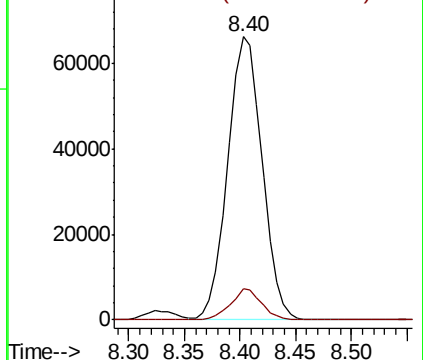


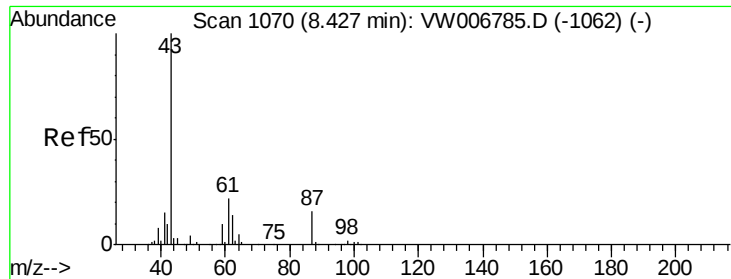
#42
1,2-Dichloroethane
Concen: 50.865 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Tgt Ion:	62	Resp:	141984
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.4



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

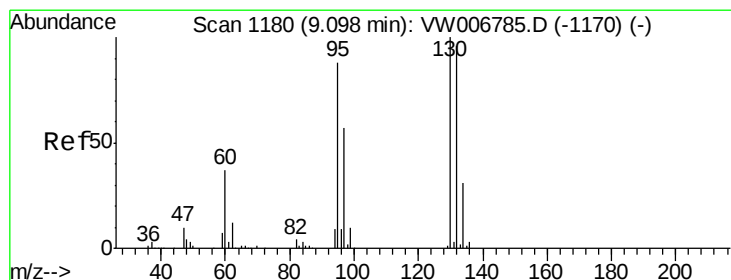
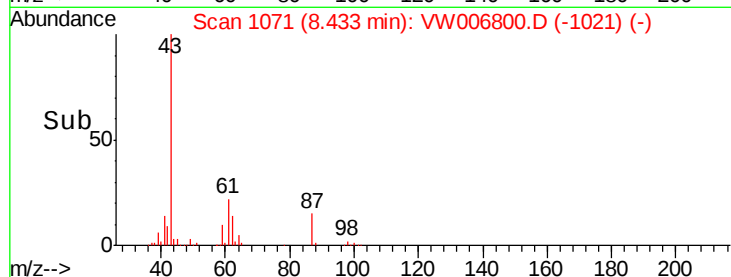
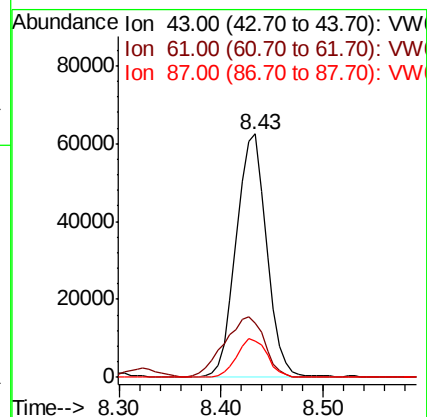
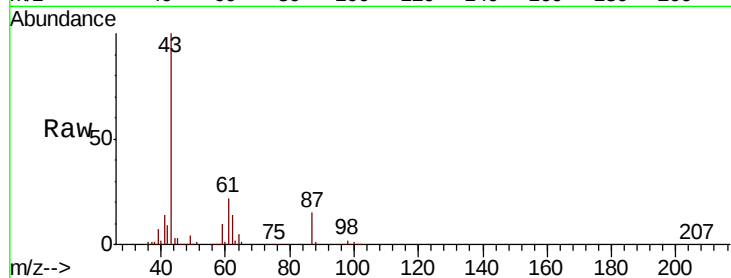




#43
Isopropyl Acetate
Concen: 53.302 ug/l
RT: 8.43 min Scan# 1071
Delta R.T. 0.01 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

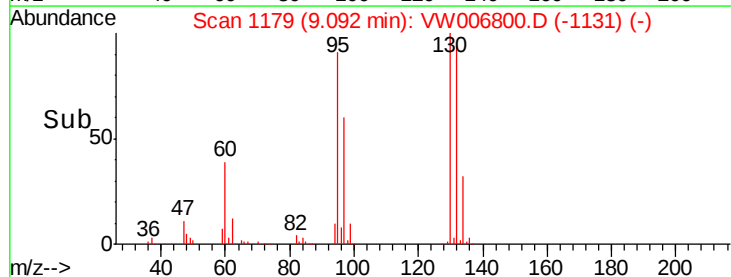
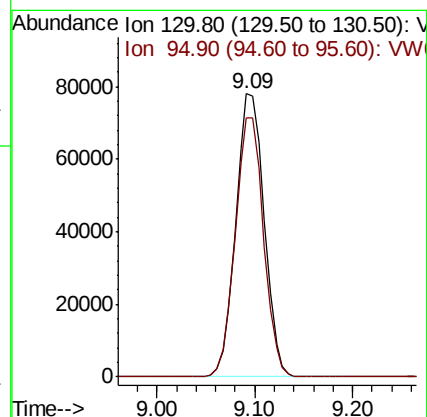
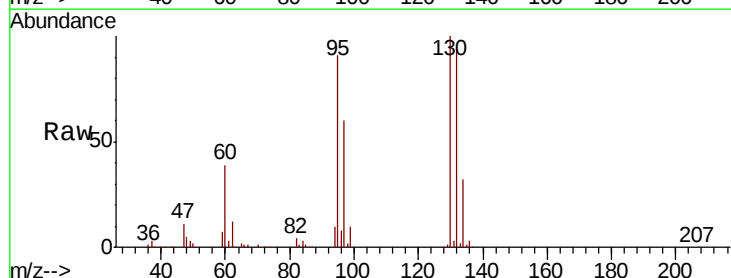
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

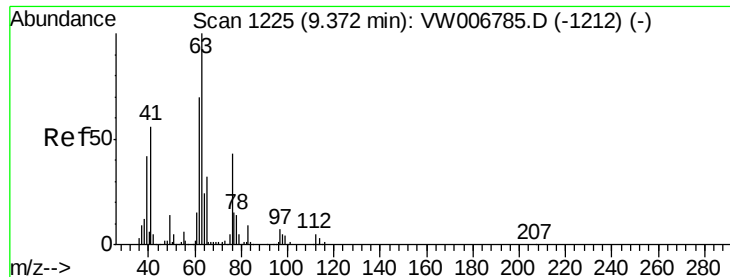
Tot Ion: 43 Resp: 128871
Ion Ratio Lower Upper
43 100
61 33.2 26.5 39.7
87 15.9 12.8 19.2



#44
Trichloroethene
Concen: 49.891 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.01 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Tgt Ion:130 Resp: 157306
Ion Ratio Lower Upper
130 100
95 91.4 0.0 175.0

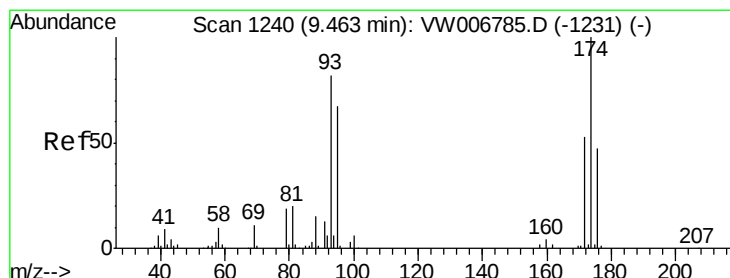
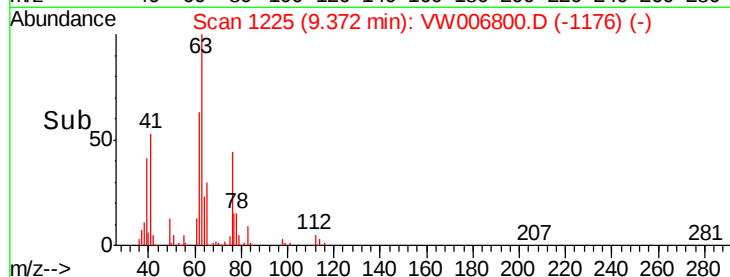
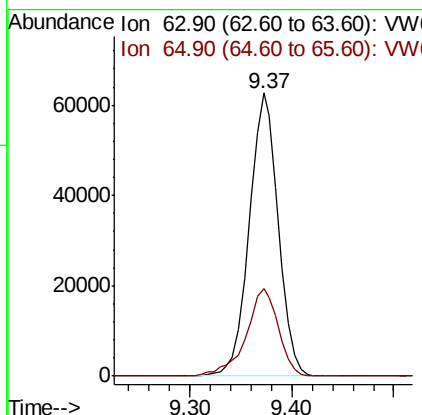
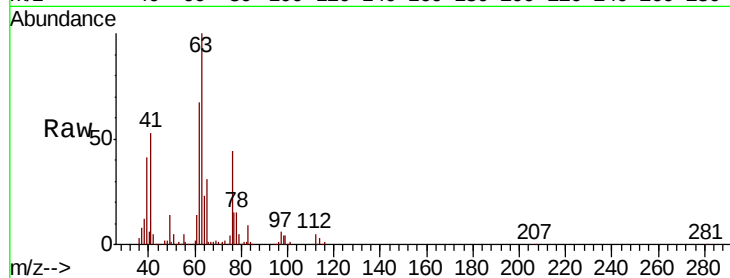




#45
 1,2-Dichloropropane
 Concen: 51.362 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006800.D
 Acq: 09 Nov 2018 21:57

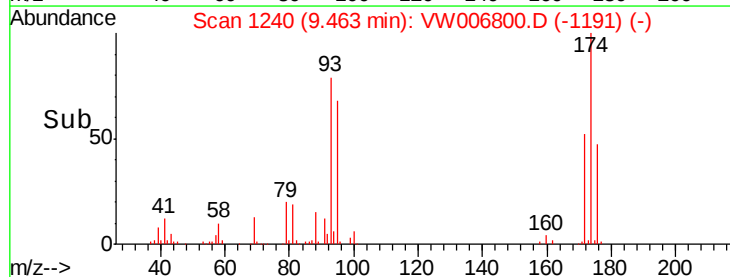
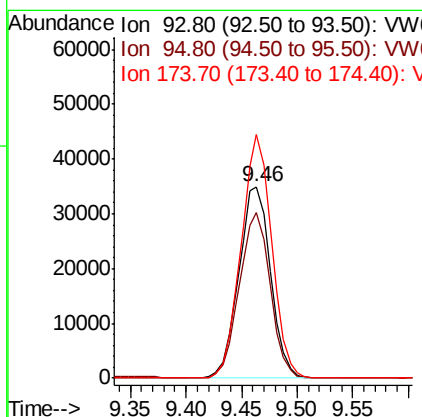
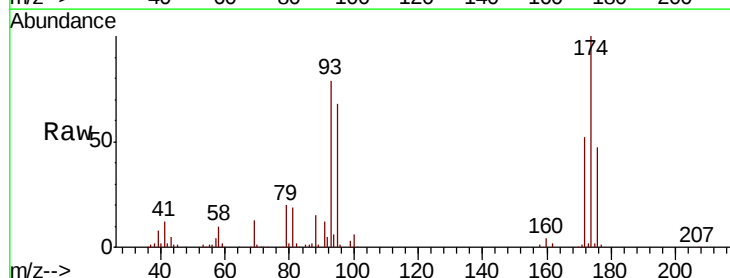
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

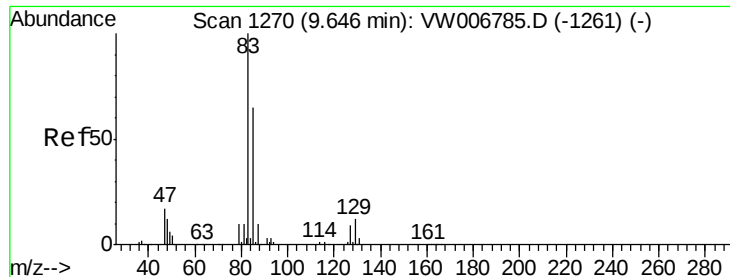
Tot Ion: 63 Resp: 123704
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.5 38.3



#46
 Dibromomethane
 Concen: 51.157 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW006800.D
 Acq: 09 Nov 2018 21:57

Tgt Ion: 93 Resp: 69174
 Ion Ratio Lower Upper
 93 100
 95 84.1 65.4 98.0
 174 122.6 96.4 144.6





#47

Bromodichloromethane

Concen: 51.146 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

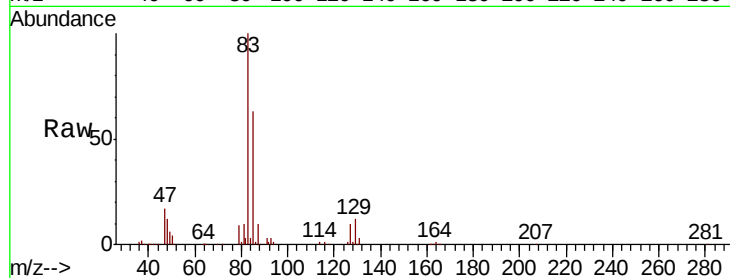
Tot Ion: 83 Resp: 167820

Ion Ratio Lower Upper

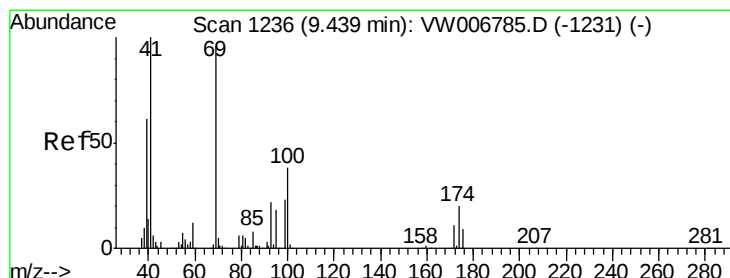
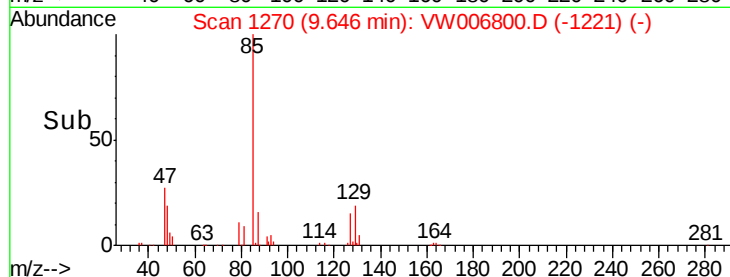
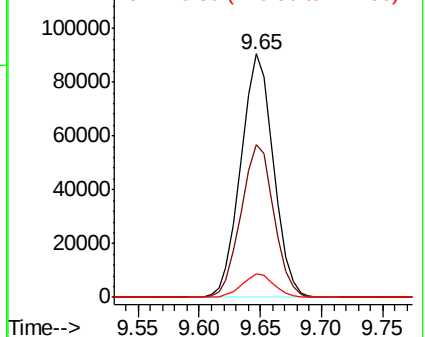
83 100

85 62.6 51.6 77.4

127 9.6 7.4 11.2



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: 54.197 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

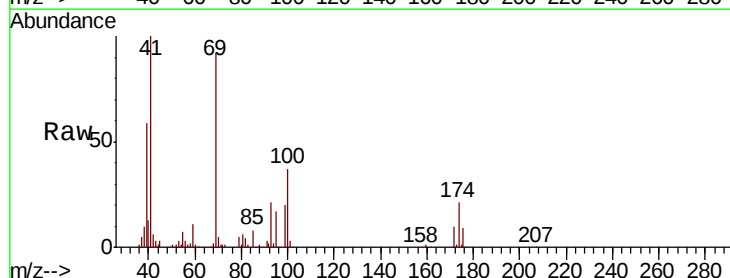
Tgt Ion: 41 Resp: 61712

Ion Ratio Lower Upper

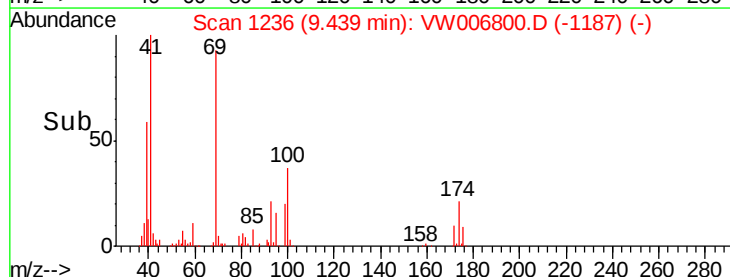
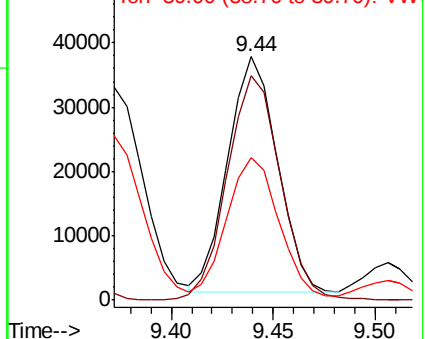
41 100

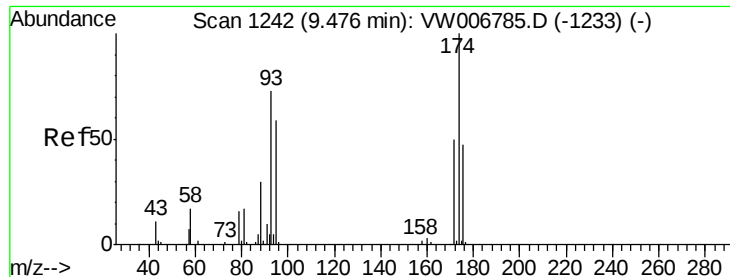
69 102.8 81.5 122.3

39 60.9 48.0 72.0



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: 1128.298 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

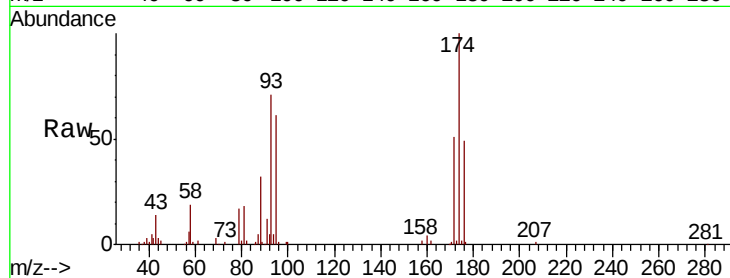
Tot Ion: 88 Resp: 22841

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

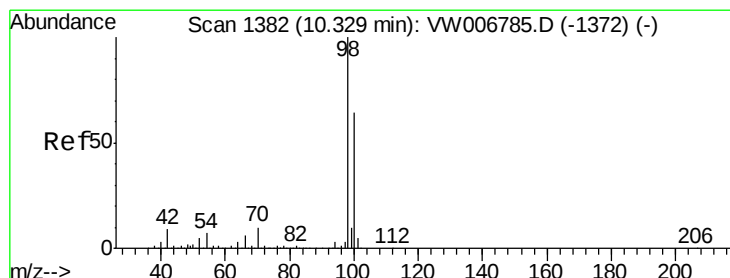
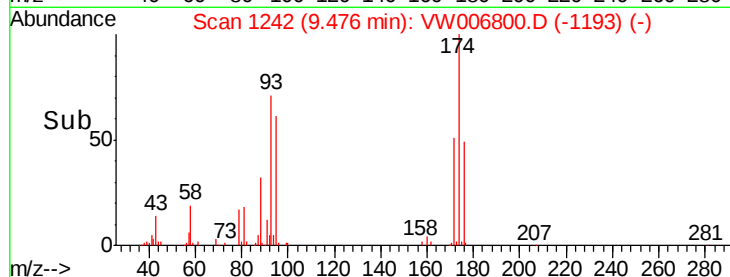
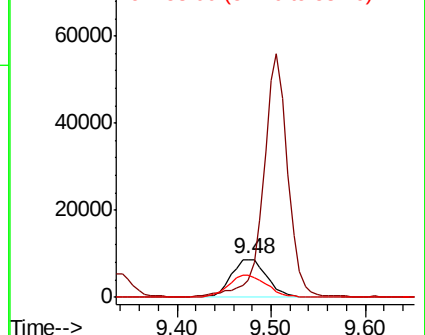
58 63.9 53.7 80.5



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 49.021 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006800.D

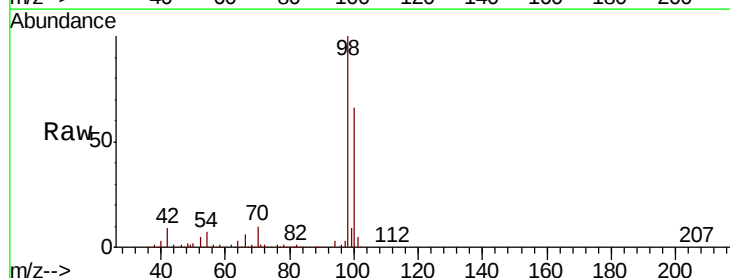
Acq: 09 Nov 2018 21:57

Tgt Ion: 98 Resp: 469971

Ion Ratio Lower Upper

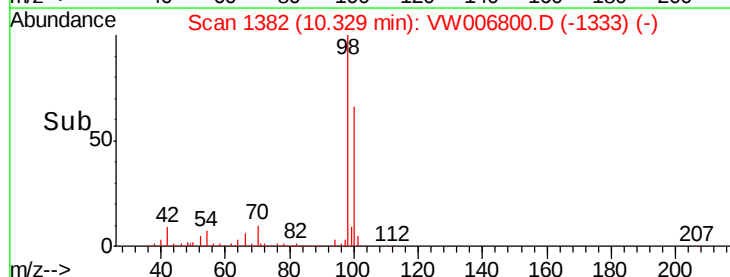
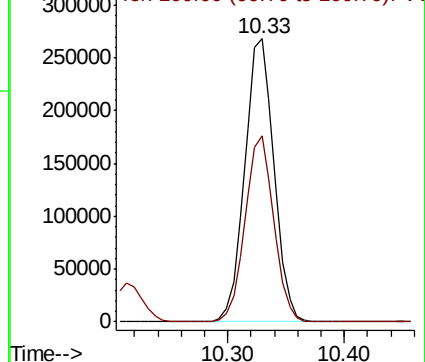
98 100

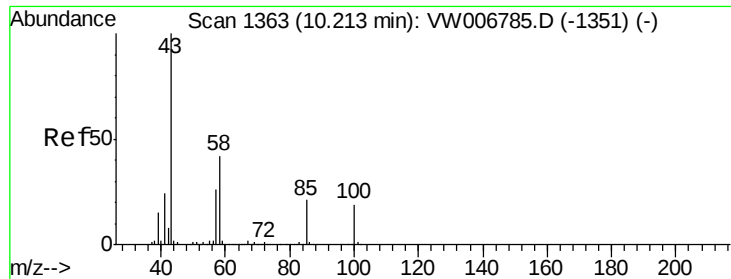
100 64.3 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 271.849 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Instrument :

MSVOA_W

ClientSampleId :

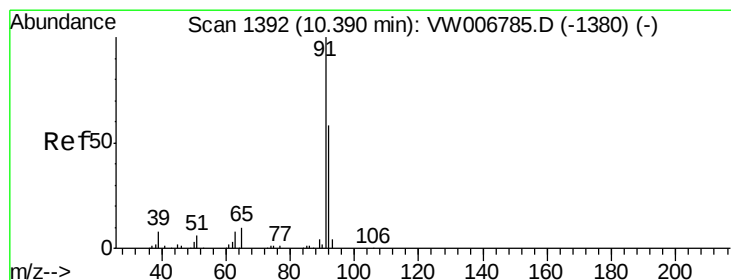
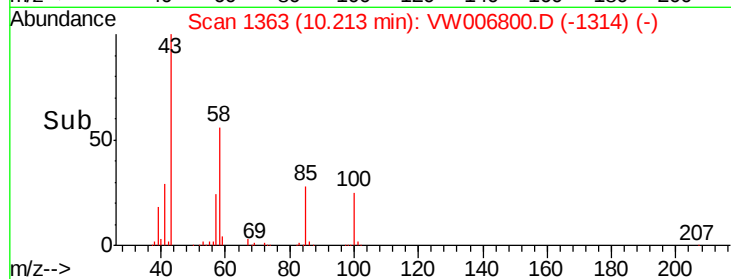
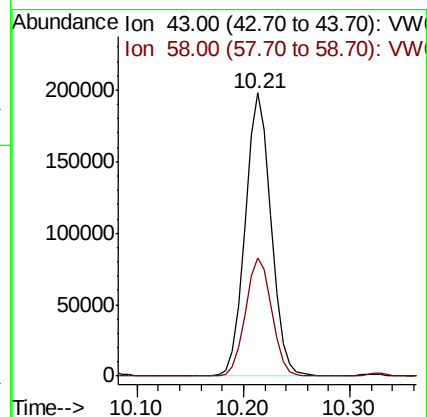
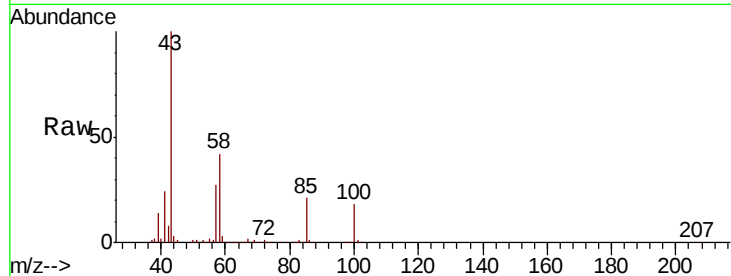
VSTDCCC050EC

Tot Ion: 43 Resp: 337679

Ion Ratio Lower Upper

43 100

58 42.4 33.2 49.8



#52

Toluene

Concen: 52.545 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006800.D

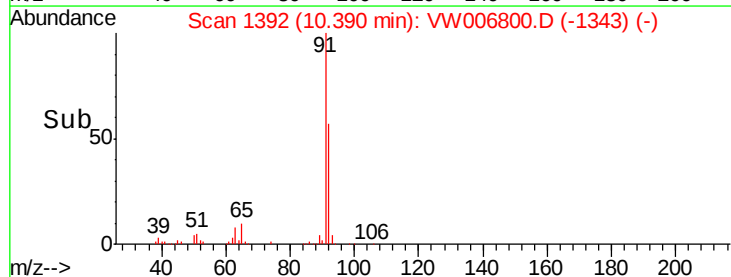
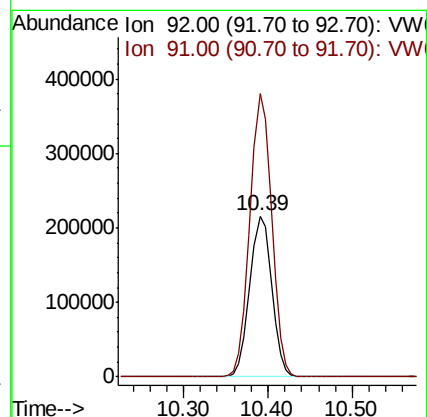
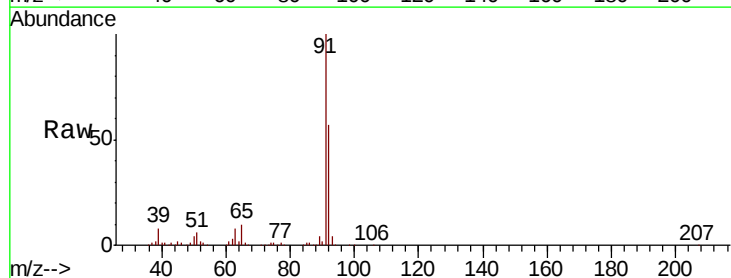
Acq: 09 Nov 2018 21:57

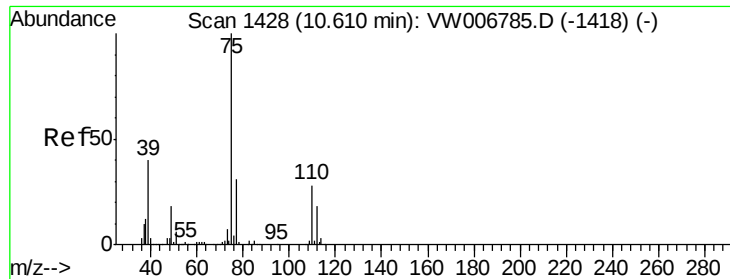
Tgt Ion: 92 Resp: 378840

Ion Ratio Lower Upper

92 100

91 174.3 138.6 207.8





#53

t-1,3-Dichloropropene

Concen: 53.086 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Instrument :

MSVOA_W

ClientSampleId :

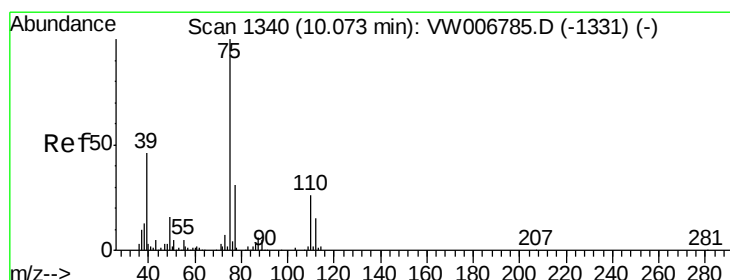
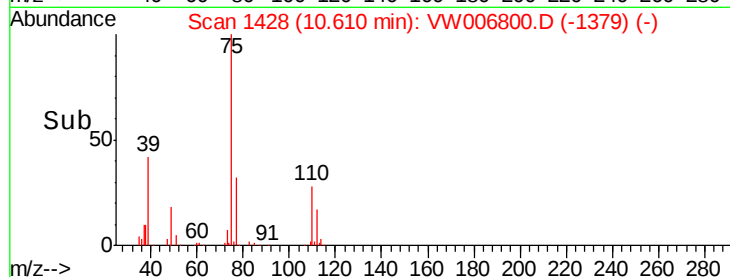
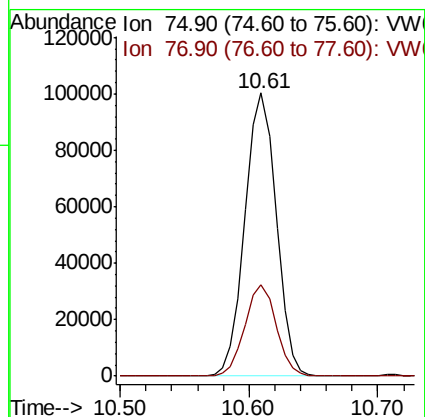
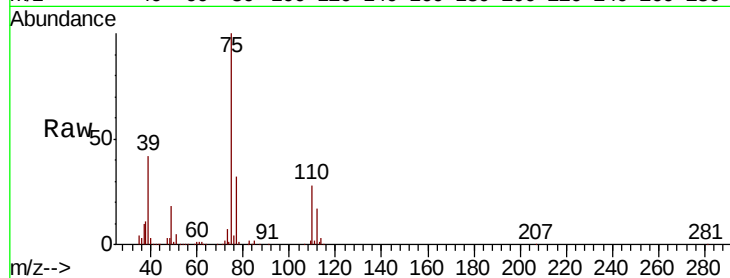
VSTDCCC050EC

Tot Ion: 75 Resp: 168900

Ion Ratio Lower Upper

75 100

77 32.3 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 52.171 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

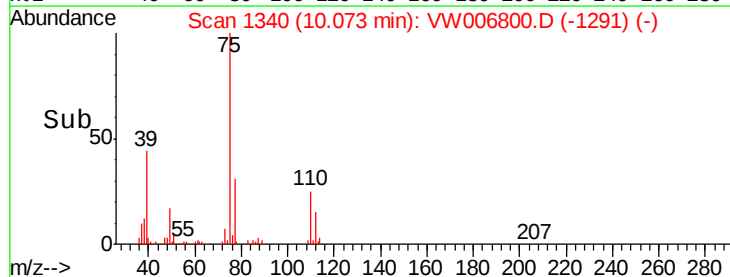
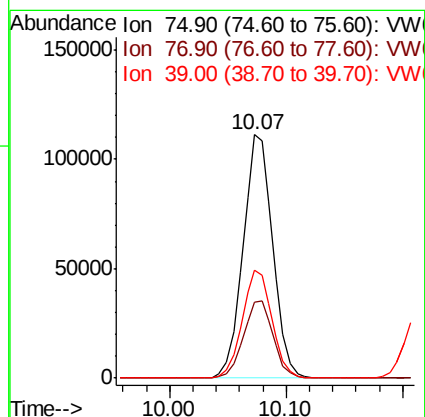
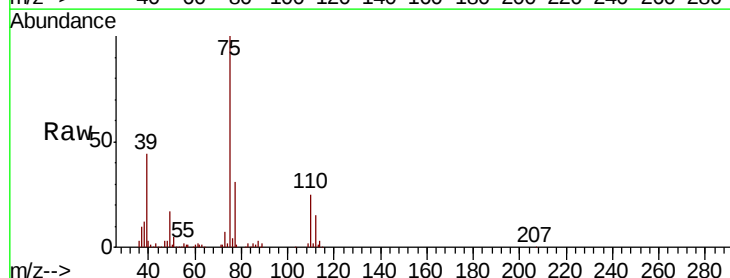
Tgt Ion: 75 Resp: 196802

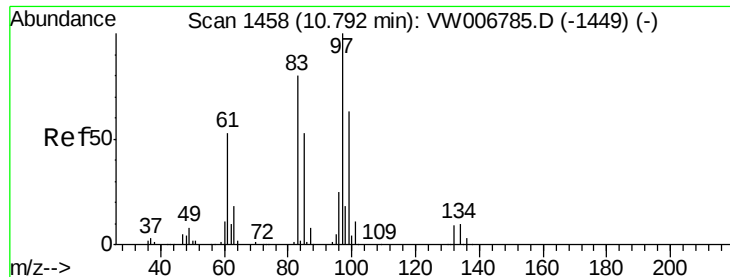
Ion Ratio Lower Upper

75 100

77 31.2 24.6 37.0

39 44.3 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 52.212 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 104006

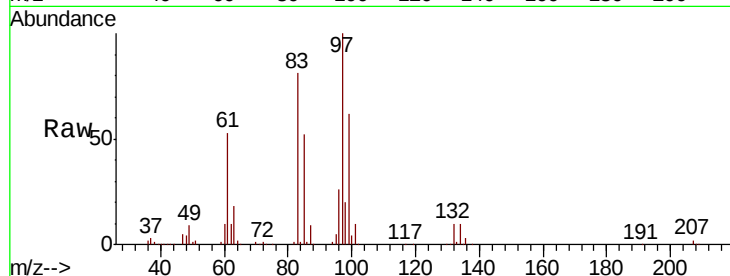
Ion Ratio Lower Upper

97 100

83 80.8 64.4 96.6

85 52.2 42.6 63.8

99 61.7 50.2 75.2

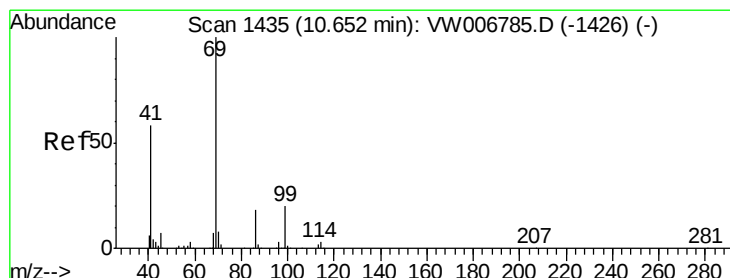
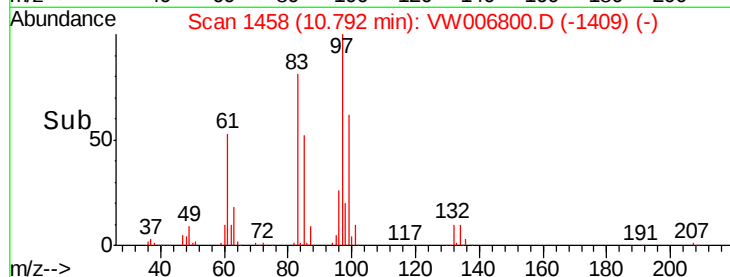
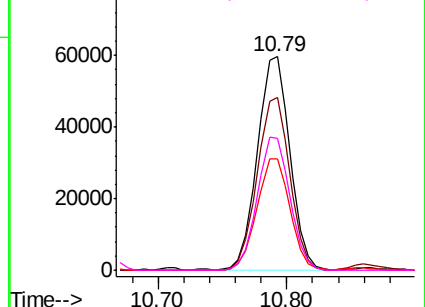


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 57.116 ug/l

RT: 10.65 min Scan# 1435

Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

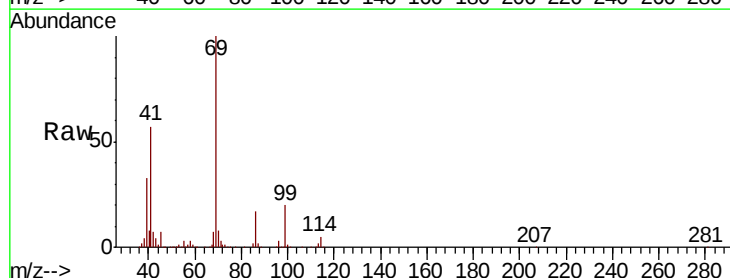
Tgt Ion: 69 Resp: 125639

Ion Ratio Lower Upper

69 100

41 59.6 47.2 70.8

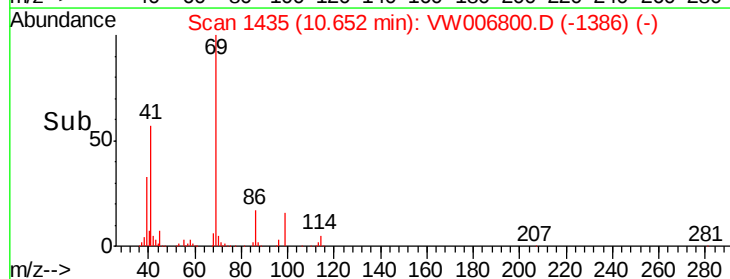
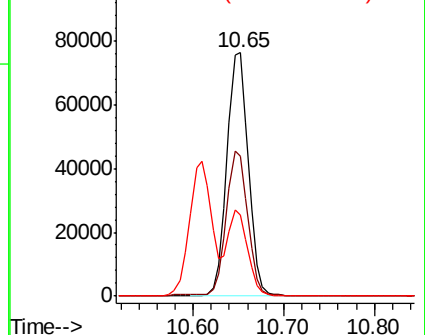
39 34.0 23.4 35.0

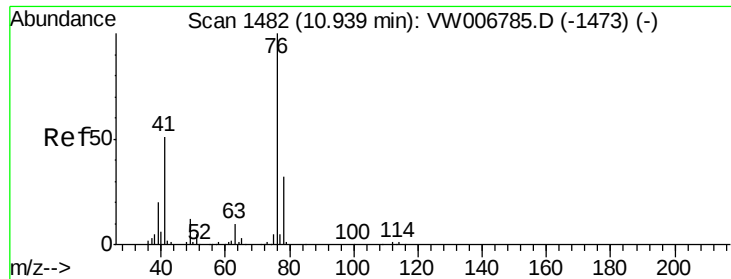


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

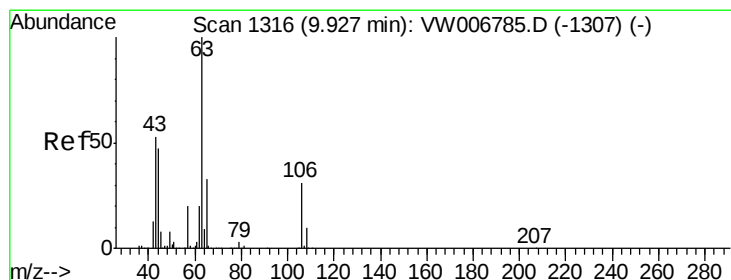
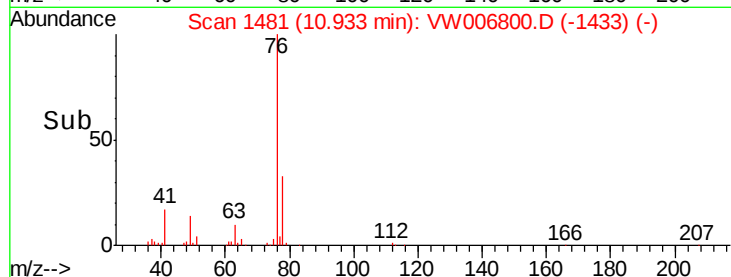
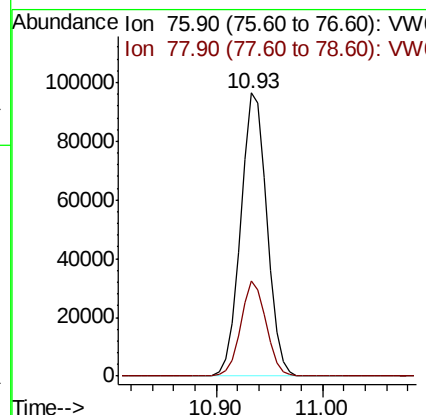
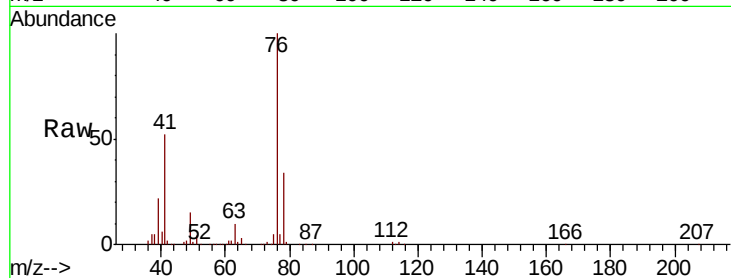




#57
 1,3-Dichloropropane
 Concen: 52.394 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW006800.D
 Acq: 09 Nov 2018 21:57

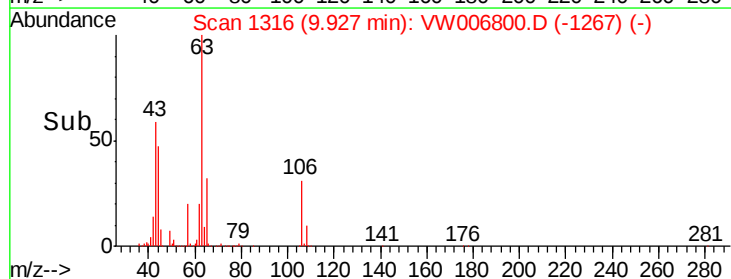
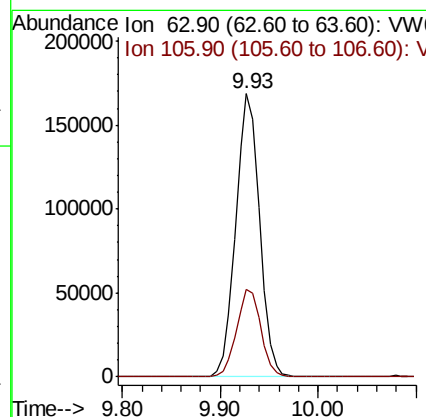
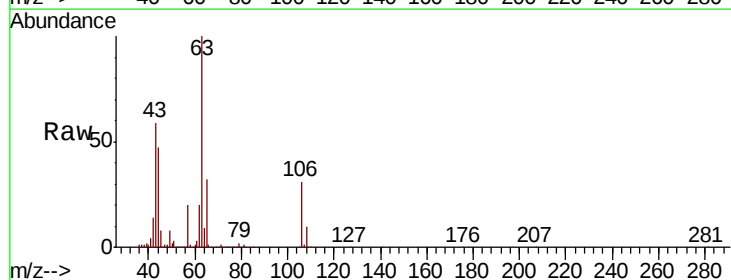
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

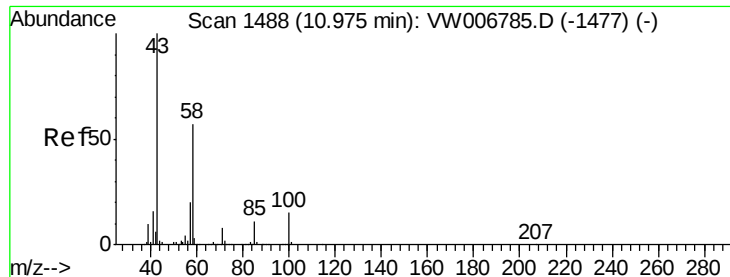
Tot Ion: 76 Resp: 166847
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 259.526 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006800.D
 Acq: 09 Nov 2018 21:57

Tgt Ion: 63 Resp: 284305
 Ion Ratio Lower Upper
 63 100
 106 31.4 25.3 37.9

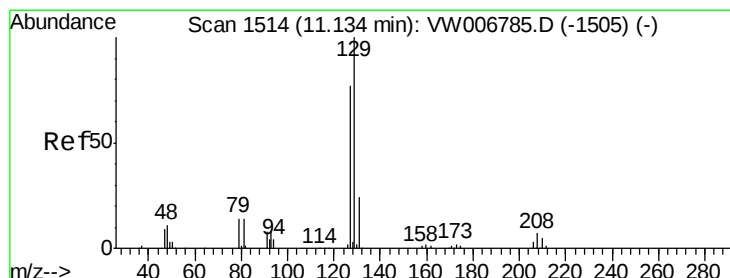
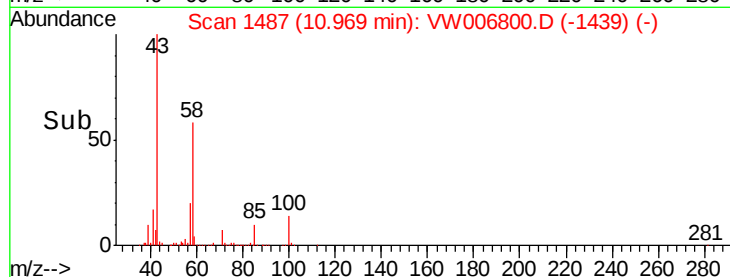
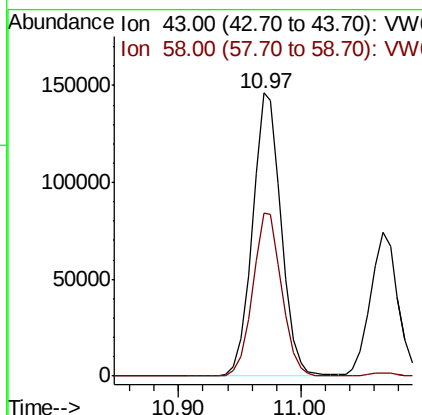
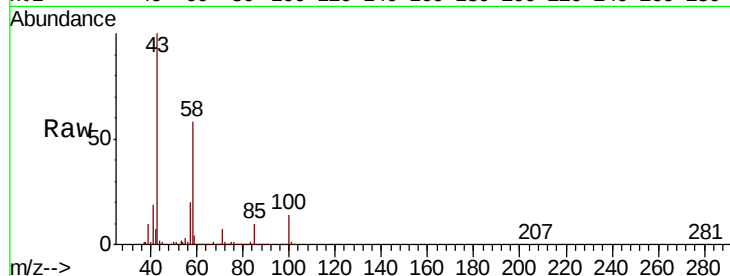




#59
2-Hexanone
Concen: 282.772 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

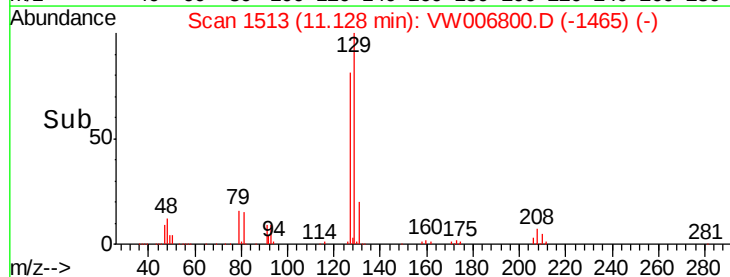
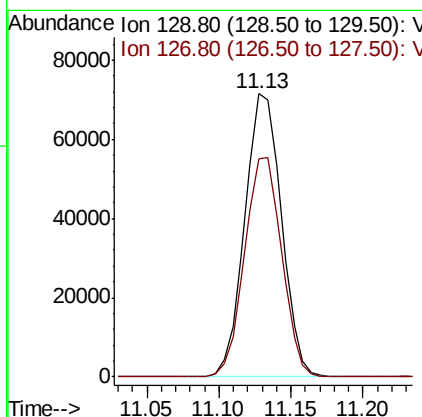
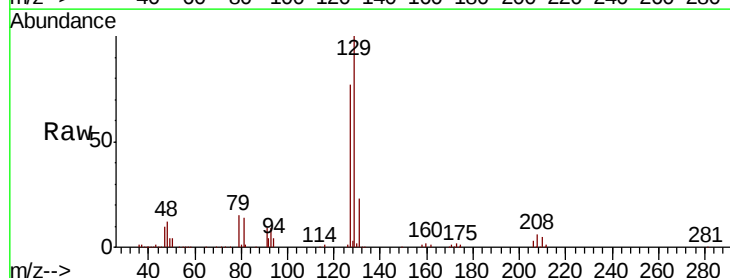
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

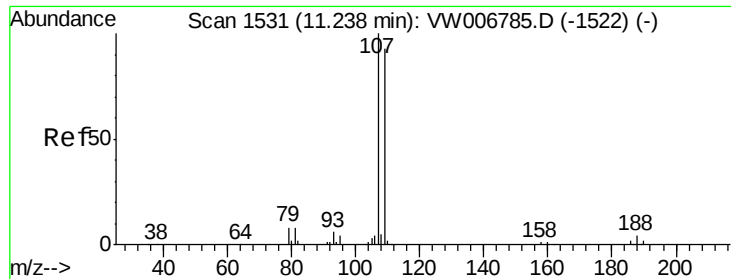
Tot Ion: 43 Resp: 238043
Ion Ratio Lower Upper
43 100
58 58.0 28.5 85.5



#60
Dibromochloromethane
Concen: 52.651 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Tgt Ion: 129 Resp: 126070
Ion Ratio Lower Upper
129 100
127 78.5 38.5 115.3

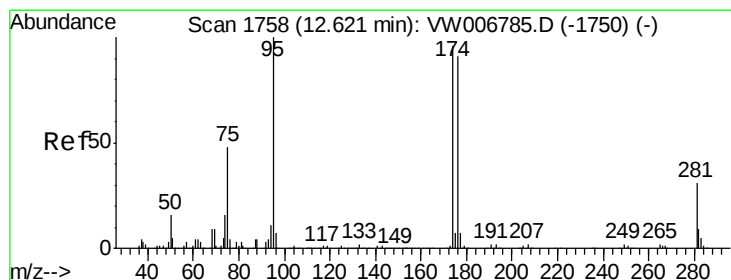
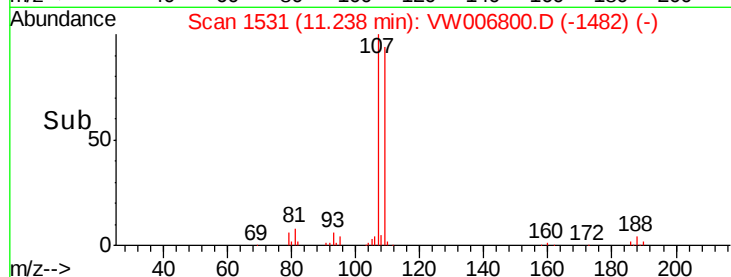
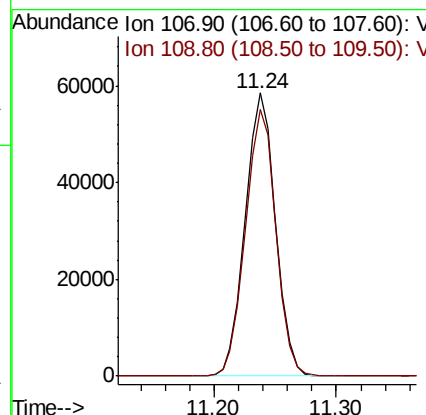
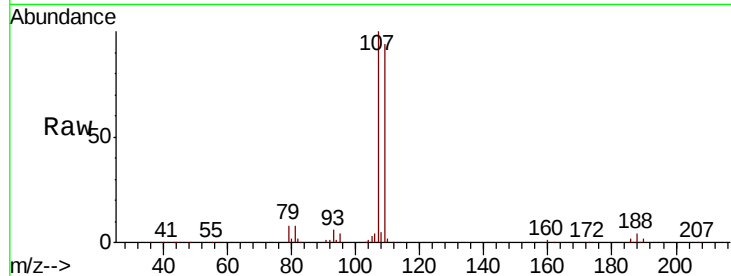




#61
 1,2-Dibromoethane
 Concen: 52.454 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006800.D
 Acq: 09 Nov 2018 21:57

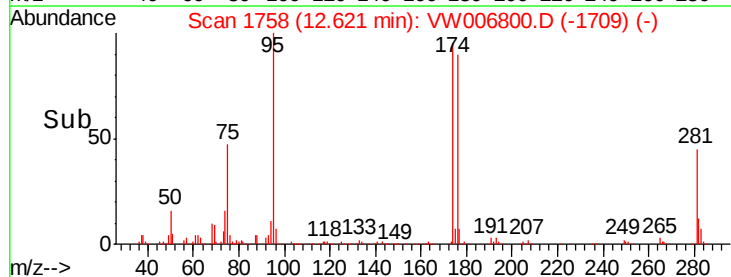
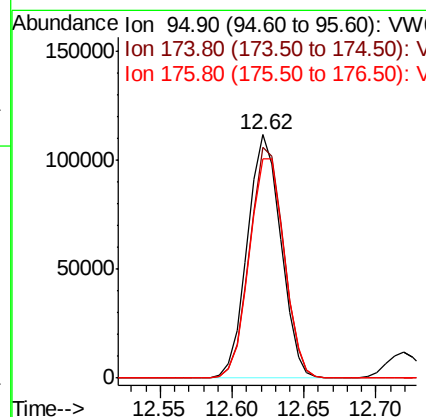
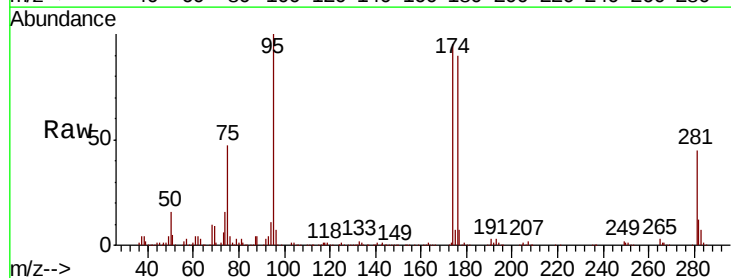
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

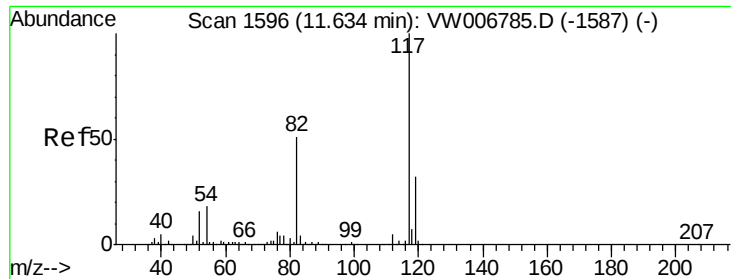
Tot Ion: 107 Resp: 100529
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 51.459 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006800.D
 Acq: 09 Nov 2018 21:57

Tgt Ion: 95 Resp: 179671
 Ion Ratio Lower Upper
 95 100
 174 95.8 0.0 196.2
 176 93.8 0.0 190.8

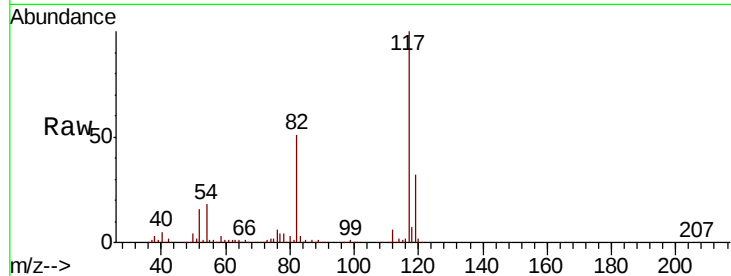




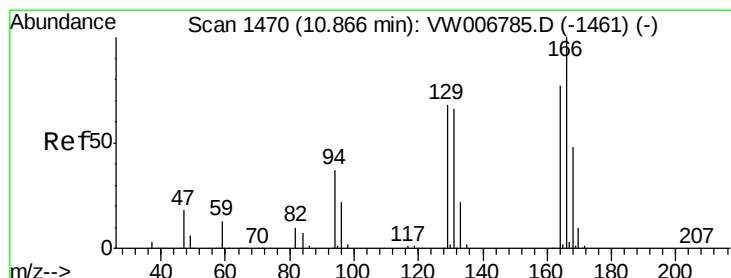
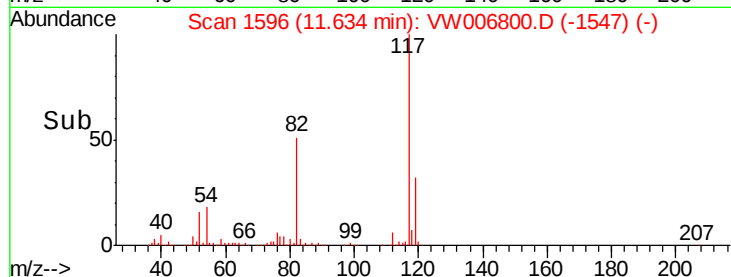
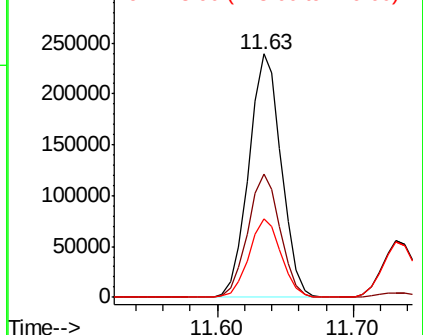
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 399520
Ion Ratio Lower Upper
117 100
82 50.8 40.9 61.3
119 32.5 25.8 38.8

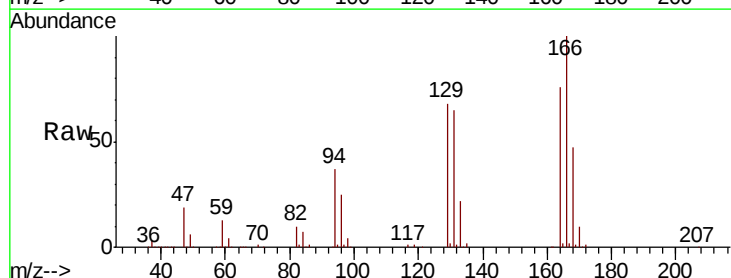


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

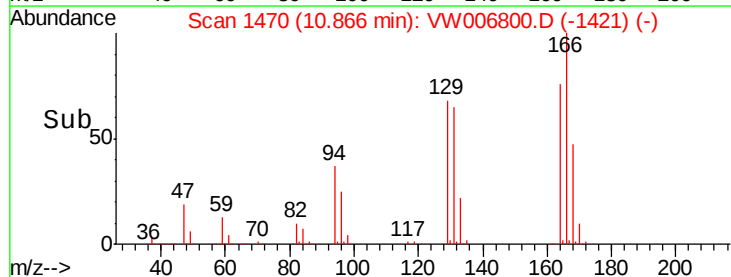
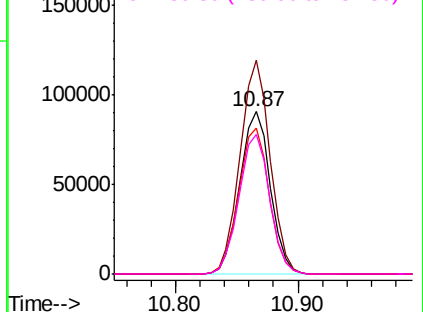


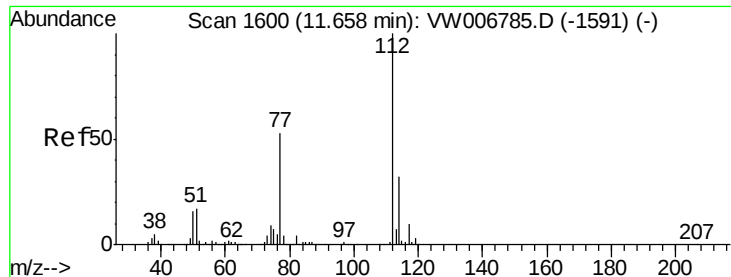
#64
Tetrachloroethene
Concen: 51.405 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Tgt Ion:164 Resp: 156831
Ion Ratio Lower Upper
164 100
166 131.4 103.7 155.5
129 90.0 70.4 105.6
131 86.0 68.2 102.2



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

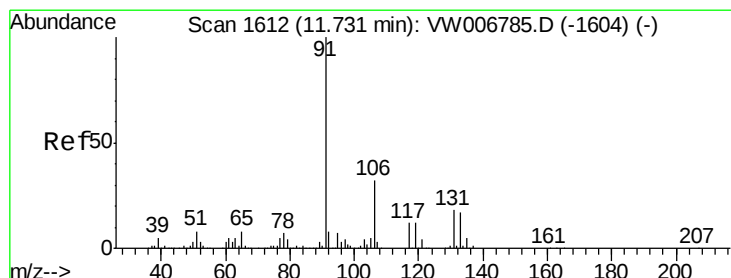
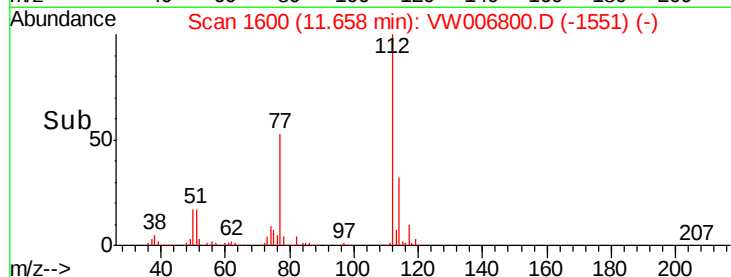
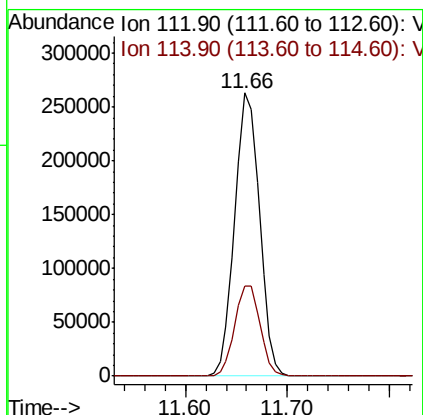
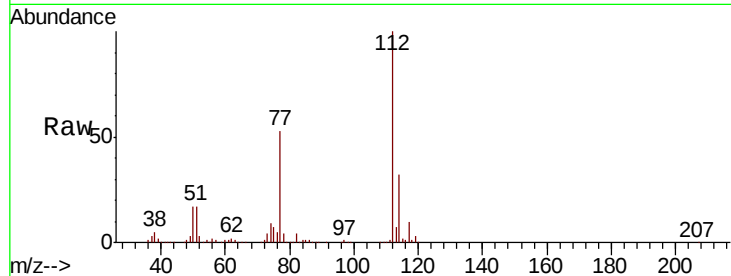




#65
Chlorobenzene
Concen: 52.084 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

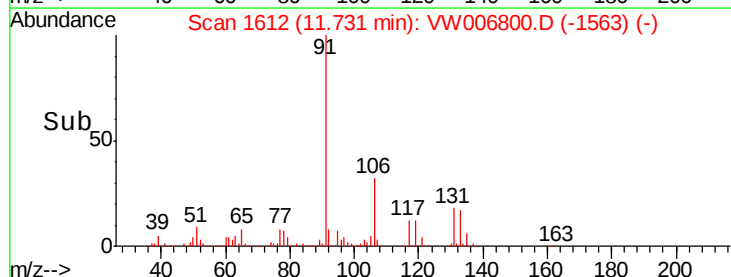
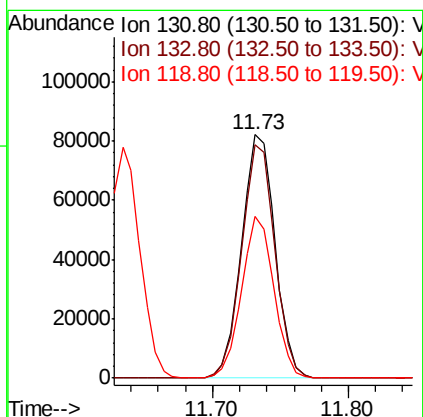
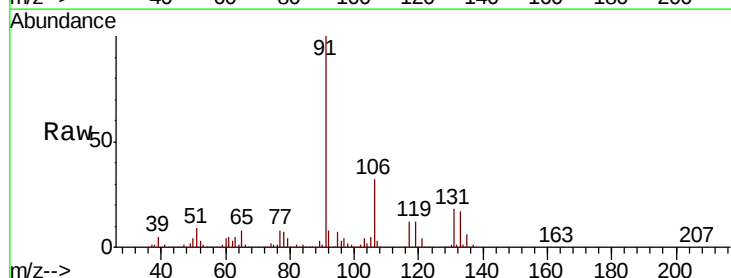
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

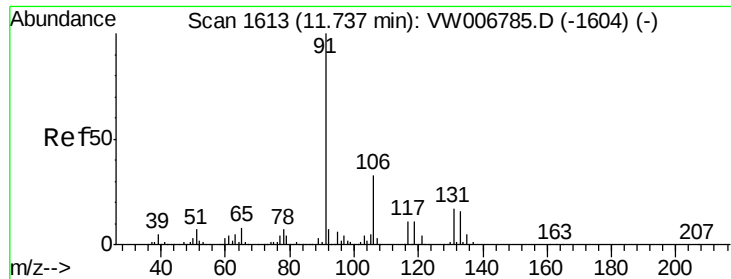
Tot Ion:112 Resp: 442924
Ion Ratio Lower Upper
112 100
114 31.7 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 51.833 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Tgt Ion:131 Resp: 141204
Ion Ratio Lower Upper
131 100
133 95.4 47.9 143.6
119 64.3 32.3 96.8

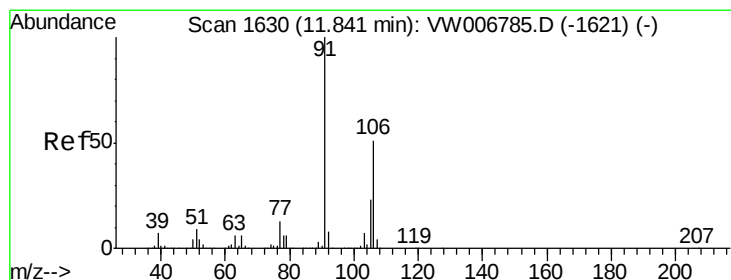
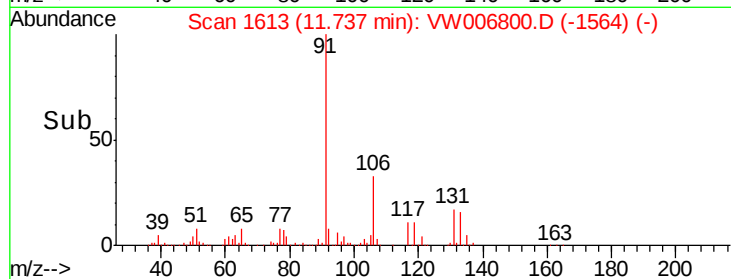
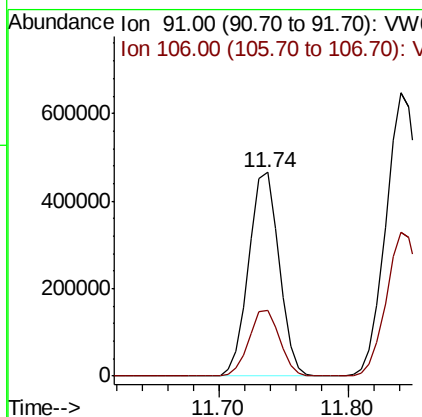
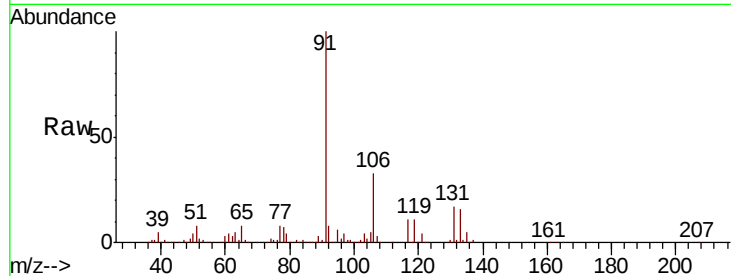




#67
Ethyl Benzene
Concen: 53.014 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

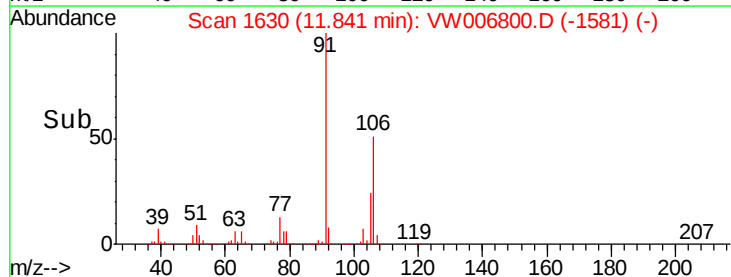
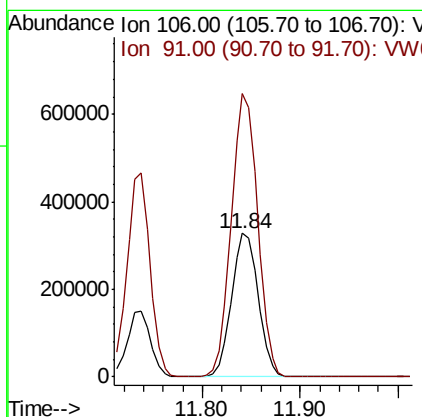
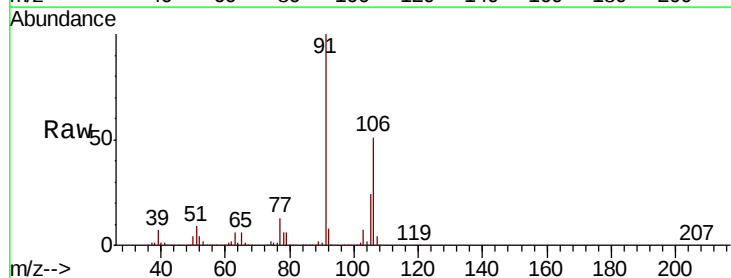
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

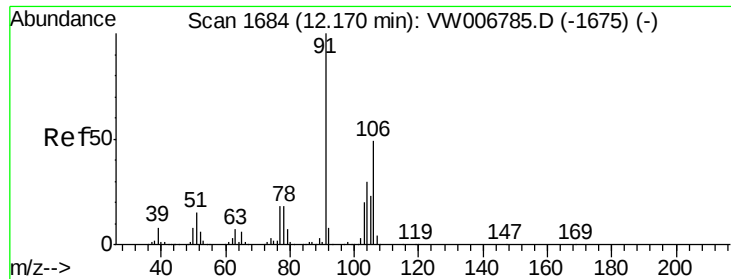
Tot Ion: 91 Resp: 758423
Ion Ratio Lower Upper
91 100
106 32.5 26.3 39.5



#68
m/p-Xylenes
Concen: 105.985 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Tgt Ion:106 Resp: 618454
Ion Ratio Lower Upper
106 100
91 195.7 155.3 232.9

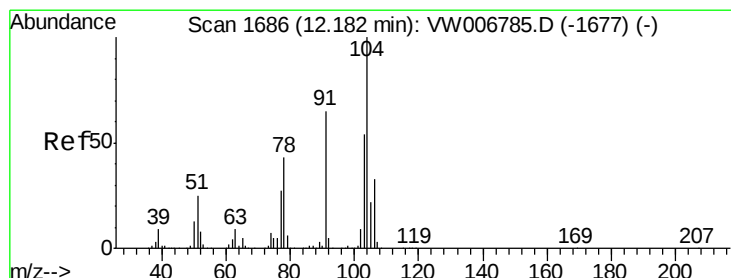
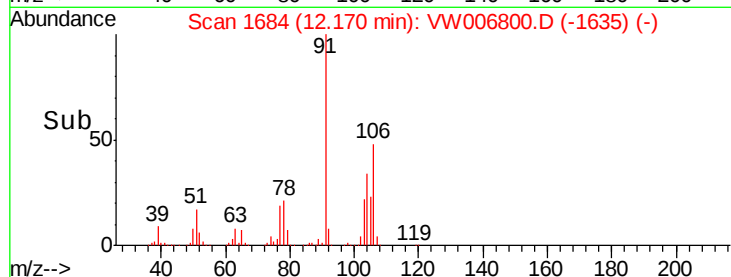
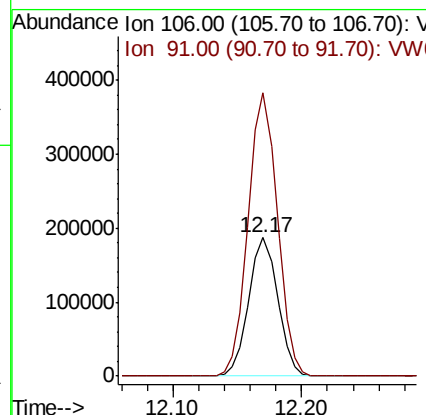
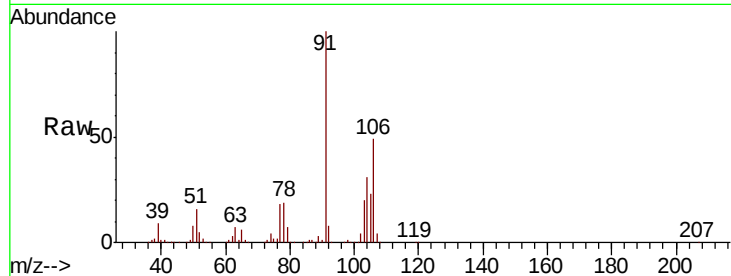




#69
o-Xylene
Concen: 54.466 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

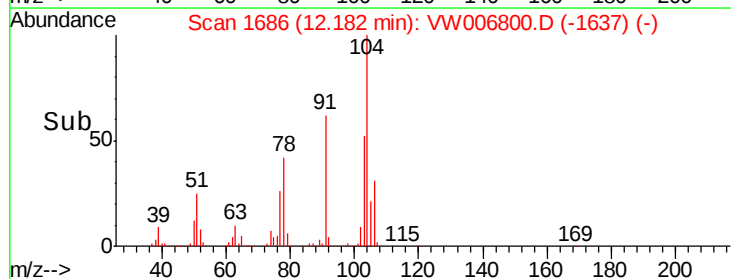
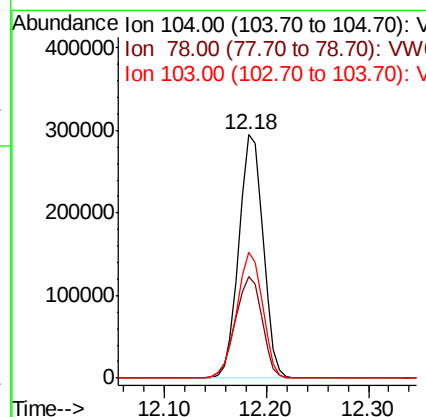
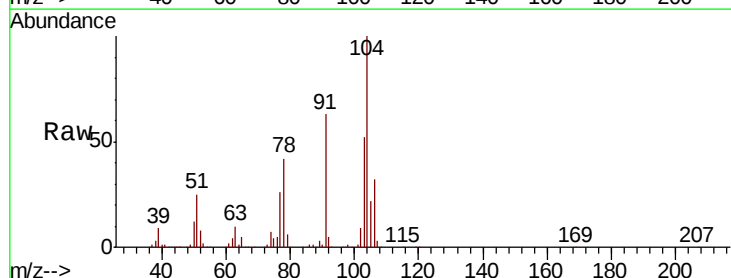
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

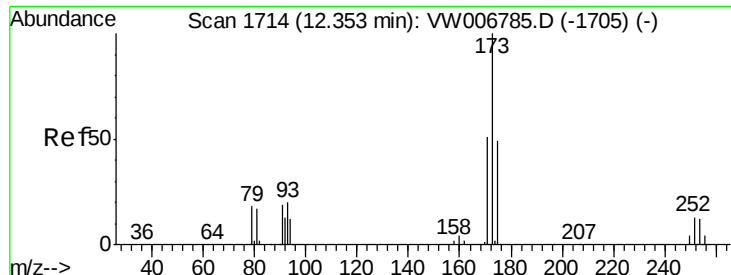
Tot Ion:106 Resp: 292600
Ion Ratio Lower Upper
106 100
91 205.2 103.0 308.9



#70
Styrene
Concen: 55.460 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Tgt Ion:104 Resp: 484273
Ion Ratio Lower Upper
104 100
78 45.9 37.1 55.7
103 55.0 44.4 66.6

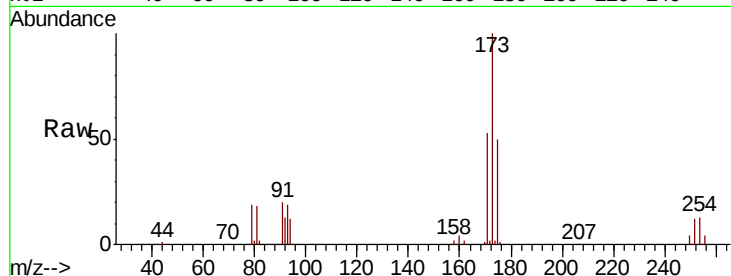




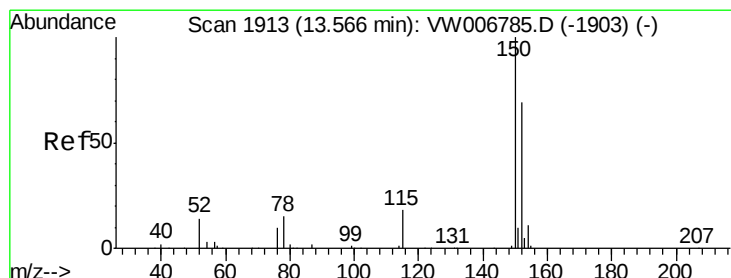
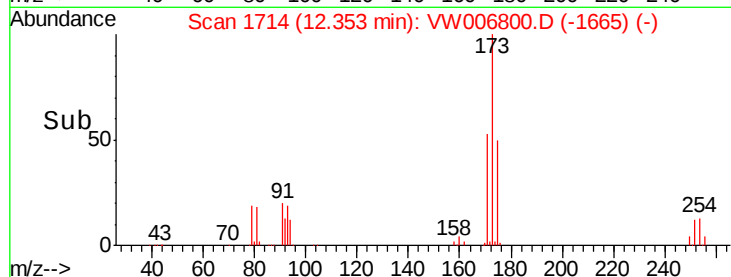
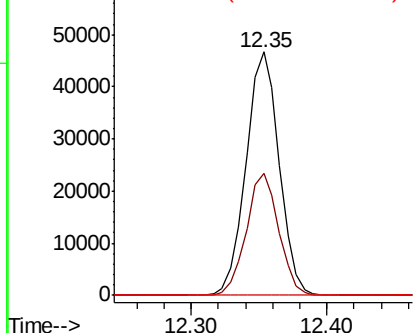
#71
Bromoform
Concen: 52.619 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 79405
Ion Ratio Lower Upper
173 100
175 49.1 24.3 72.8
254 0.1 0.1 0.1#

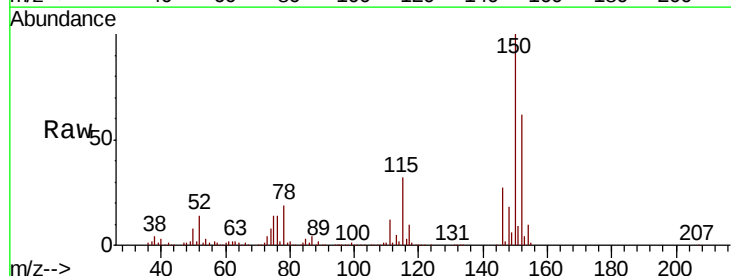


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

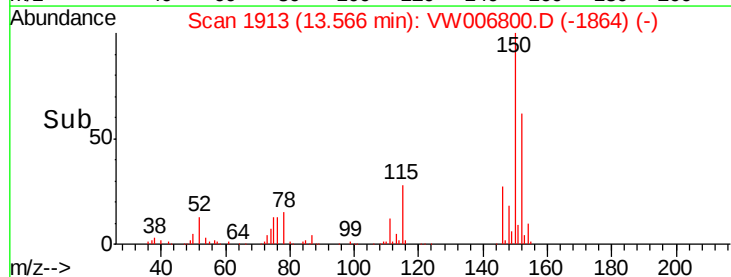
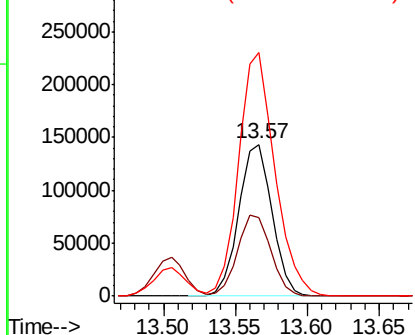


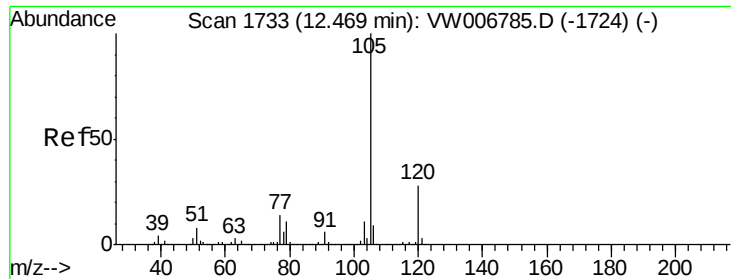
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Tgt Ion:152 Resp: 229530
Ion Ratio Lower Upper
152 100
115 54.0 26.7 80.0
150 174.5 0.0 348.0



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





#73

Isopropylbenzene

Concen: 53.412 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Instrument :

MSVOA_W

ClientSampleId :

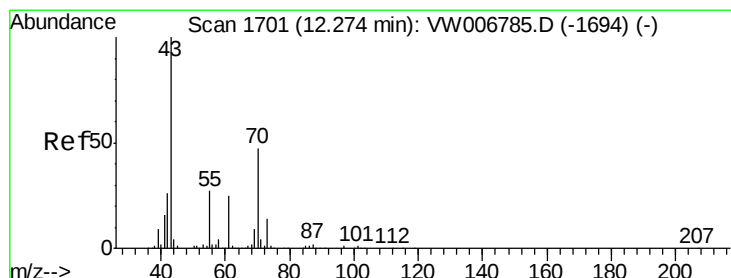
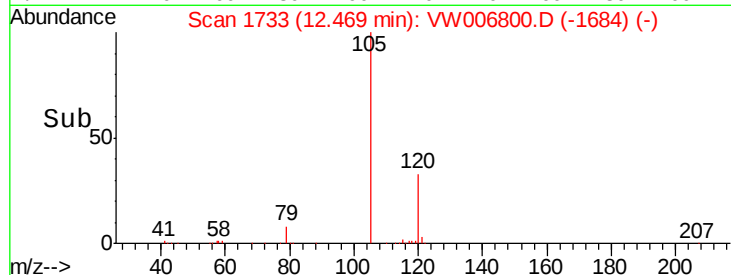
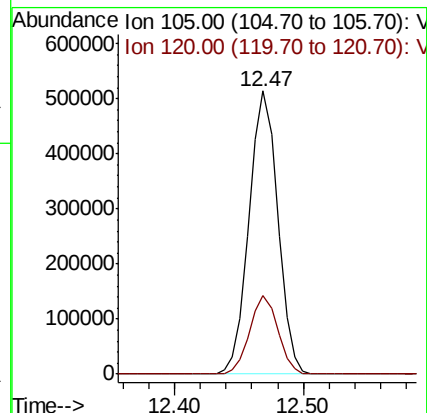
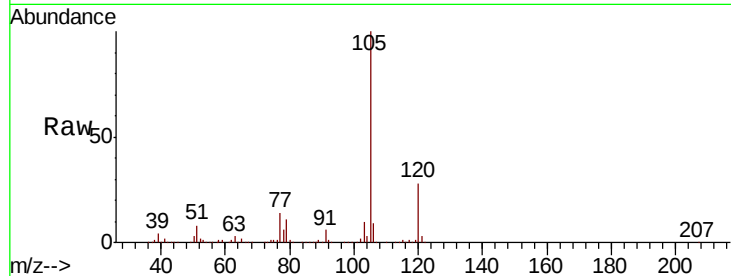
VSTDCCC050EC

Tot Ion:105 Resp: 788788

Ion Ratio Lower Upper

105 100

120 27.3 13.9 41.6



#74

N-ethyl acetate

Concen: 55.315 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Tgt Ion: 43 Resp: 133152

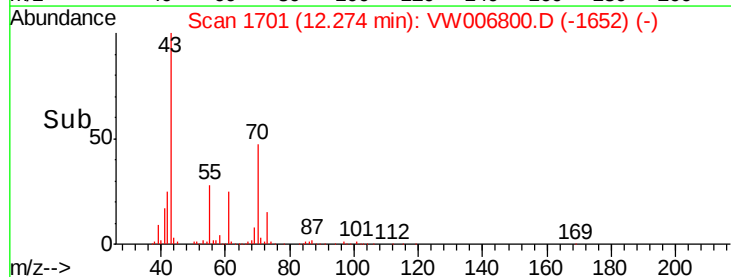
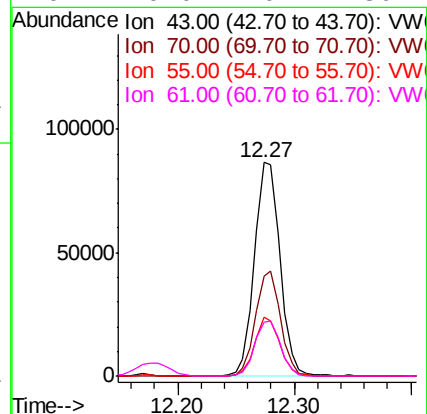
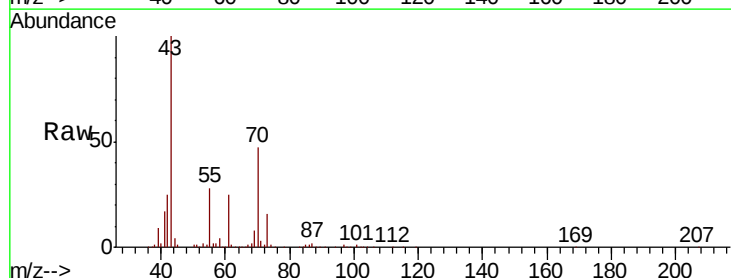
Ion Ratio Lower Upper

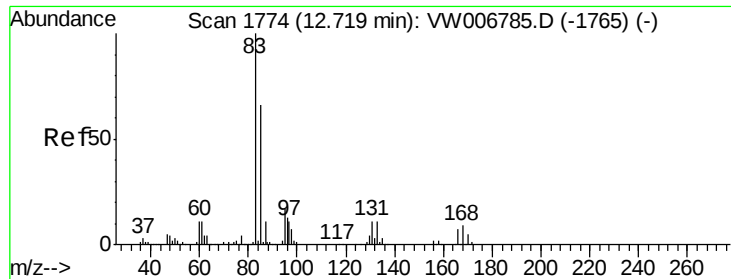
43 100

70 48.2 38.3 57.5

55 27.3 22.3 33.5

61 26.0 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 53.354 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

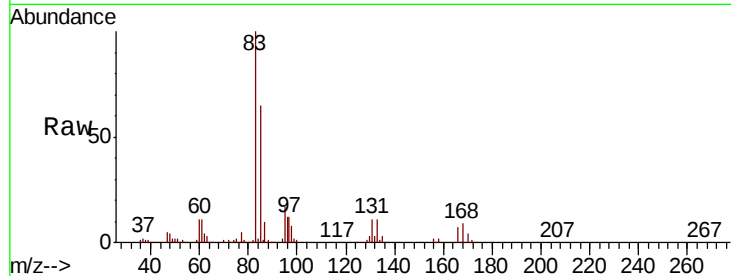
Tot Ion: 83 Resp: 117388

Ion Ratio Lower Upper

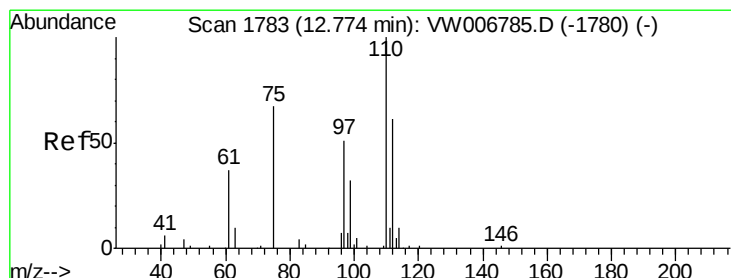
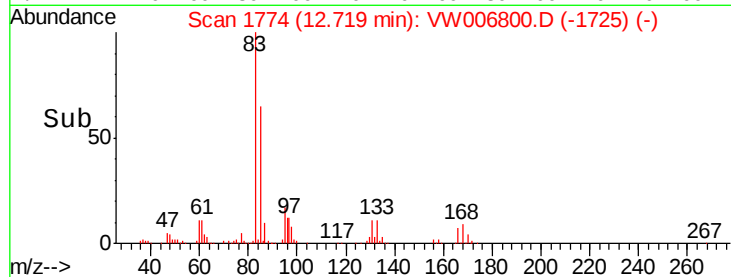
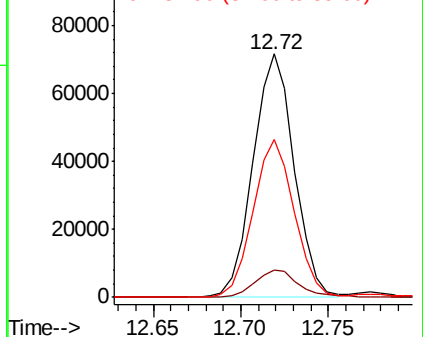
83 100

131 12.0 6.0 18.0

85 64.9 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 91.390 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW006800.D

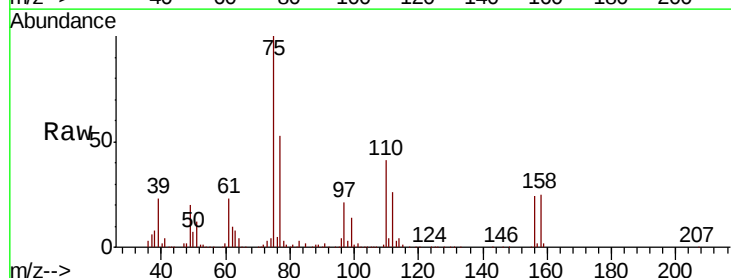
Acq: 09 Nov 2018 21:57

Tgt Ion: 75 Resp: 152973

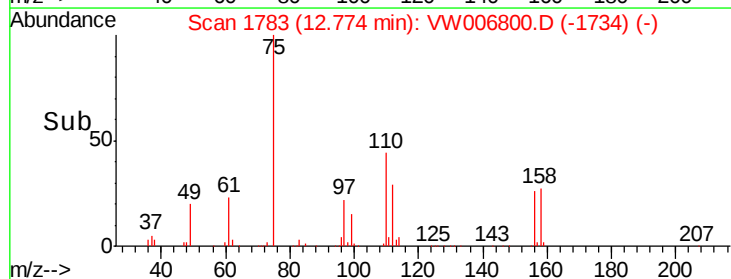
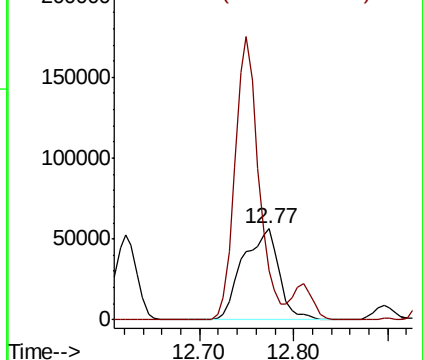
Ion Ratio Lower Upper

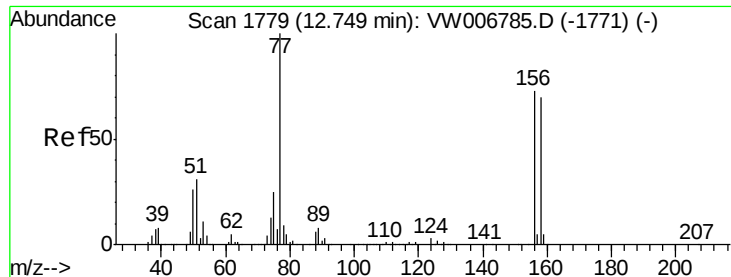
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 53.014 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

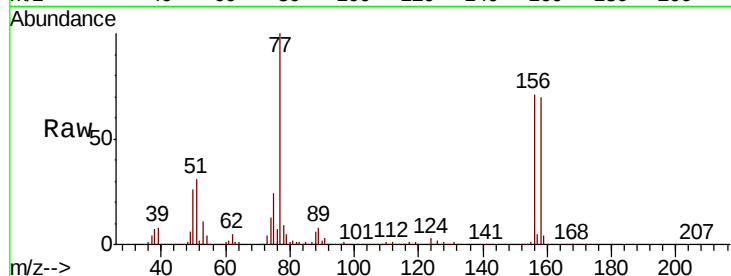
Tot Ion:156 Resp: 202437

Ion Ratio Lower Upper

156 100

77 153.0 75.4 226.3

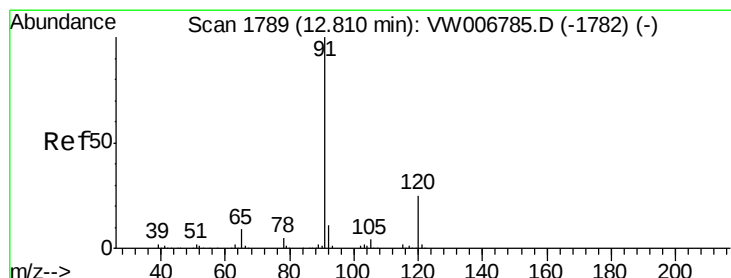
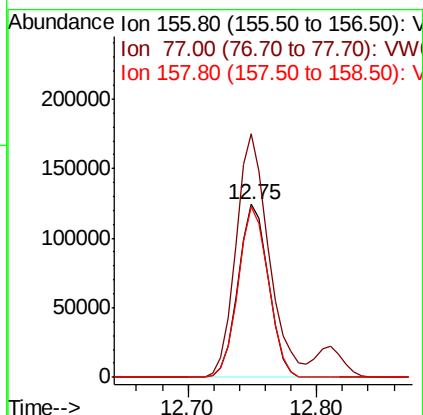
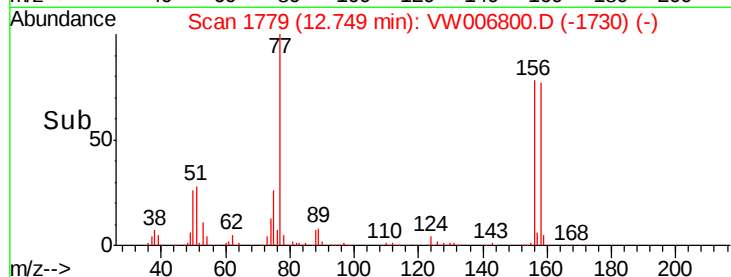
158 98.4 48.7 146.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.882 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006800.D

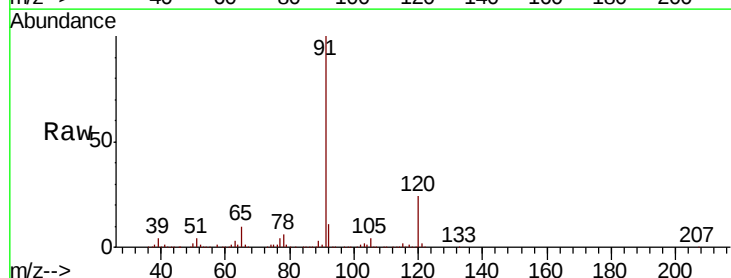
Acq: 09 Nov 2018 21:57

Tgt Ion: 91 Resp: 927949

Ion Ratio Lower Upper

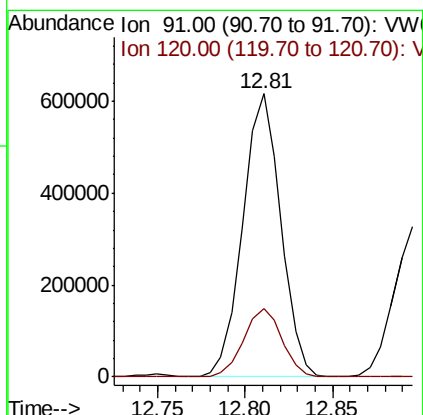
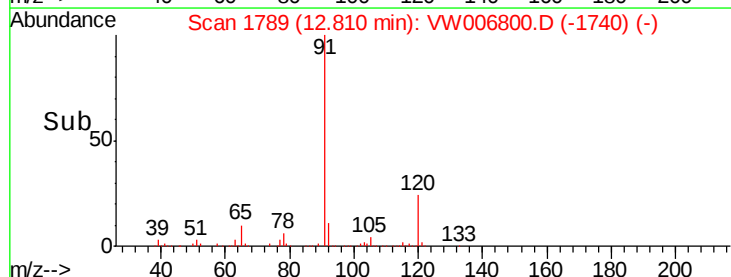
91 100

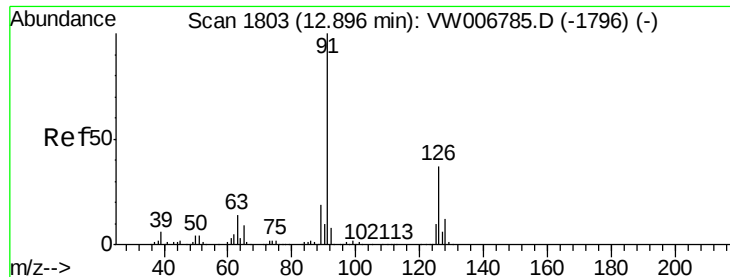
120 24.5 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.010 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Instrument :

MSVOA_W

ClientSampleId :

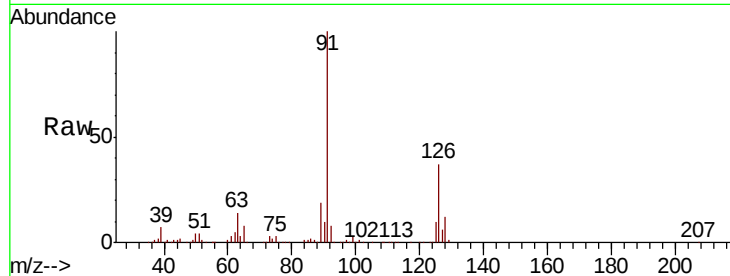
VSTDCCC050EC

Tot Ion: 91 Resp: 524011

Ion Ratio Lower Upper

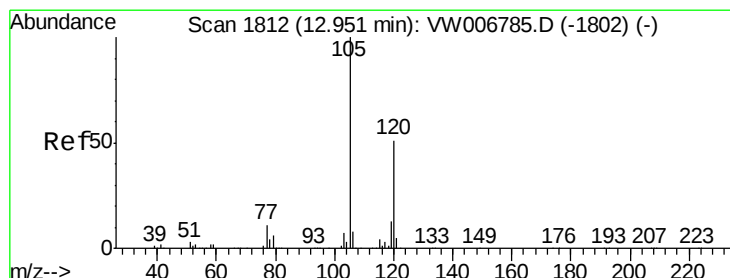
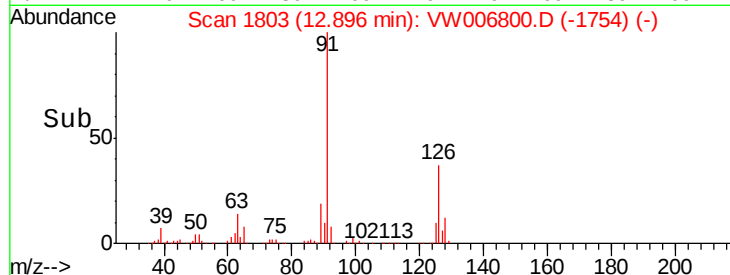
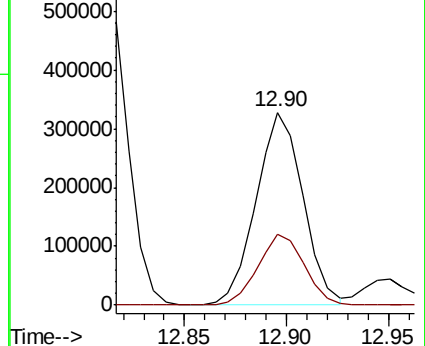
91 100

126 36.8 18.4 55.2



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: 53.294 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006800.D

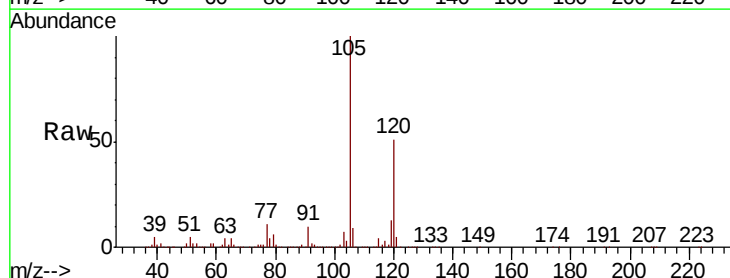
Acq: 09 Nov 2018 21:57

Tgt Ion:105 Resp: 681930

Ion Ratio Lower Upper

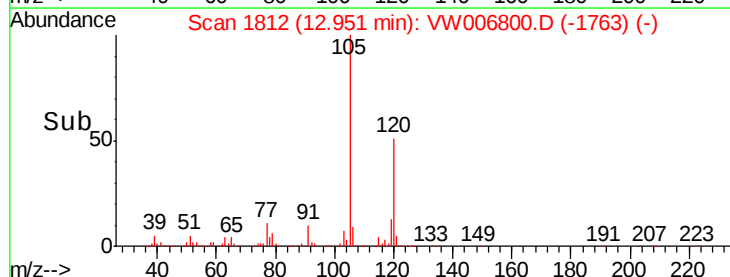
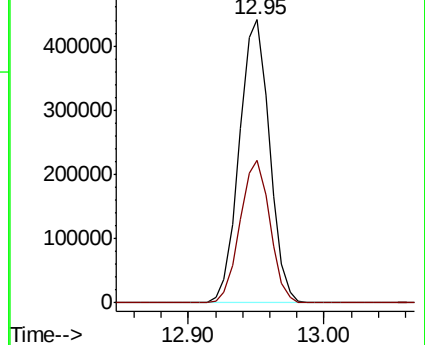
105 100

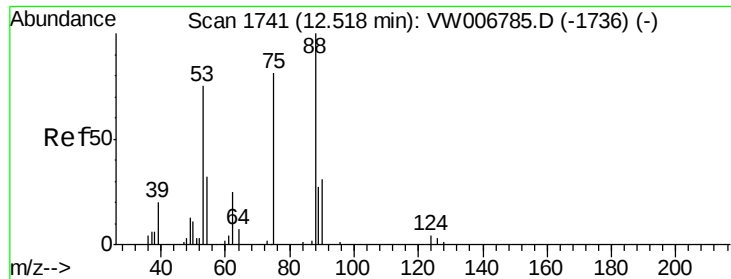
120 50.1 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

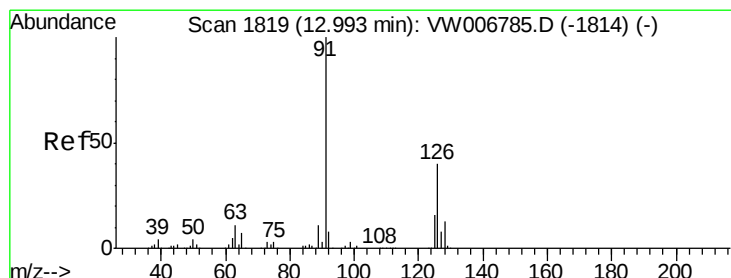
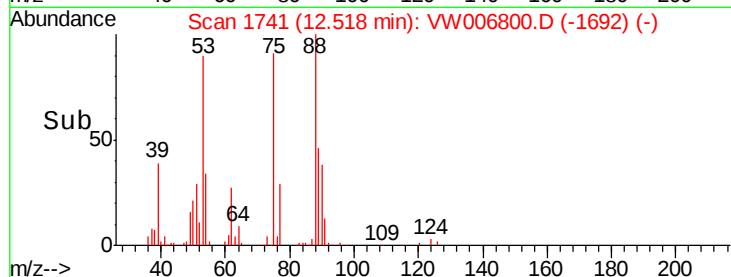
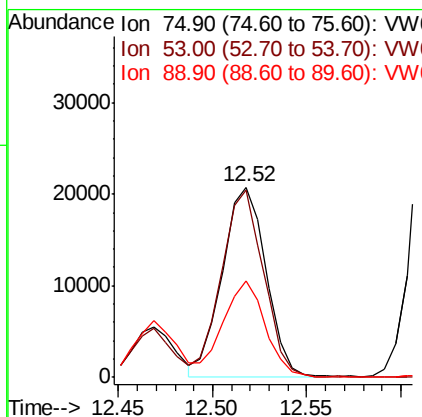
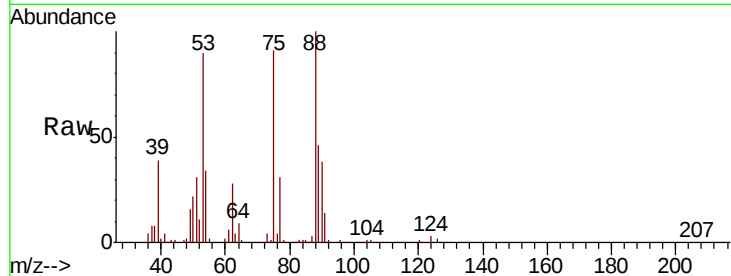




#81
trans-1,4-Dichloro-2-butene
Concen: 52.789 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

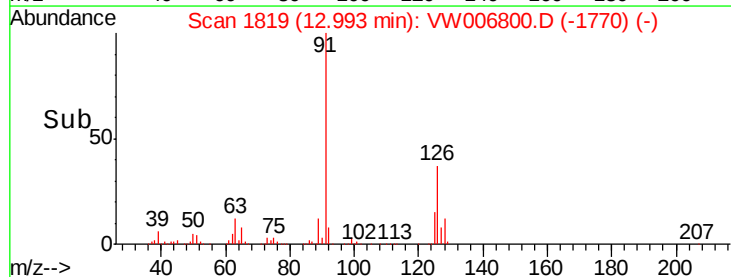
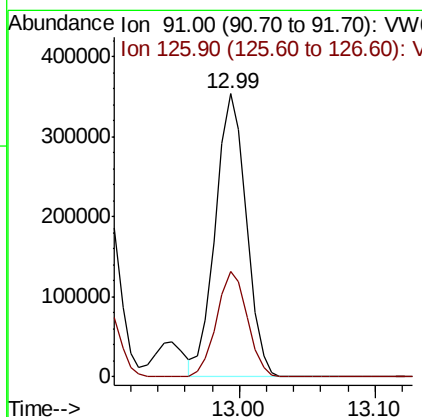
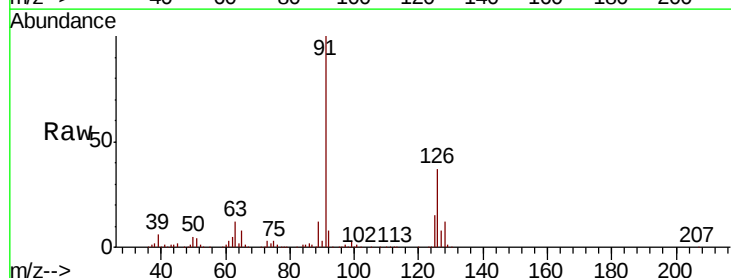
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

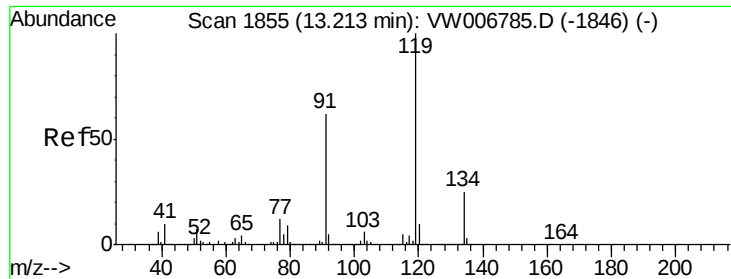
Tot Ion: 75 Resp: 33233
Ion Ratio Lower Upper
75 100
53 96.3 74.0 111.0
89 48.6 38.1 57.1



#82
4-Chlorotoluene
Concen: 52.772 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Tgt Ion: 91 Resp: 557529
Ion Ratio Lower Upper
91 100
126 37.1 18.6 55.6

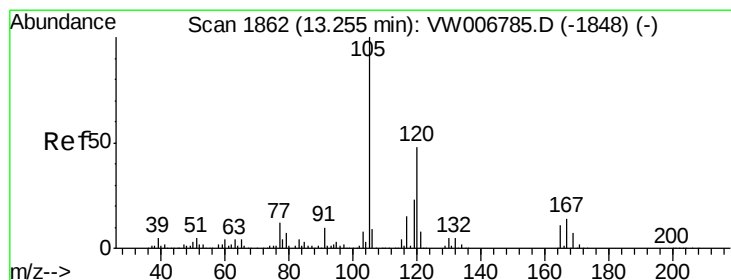
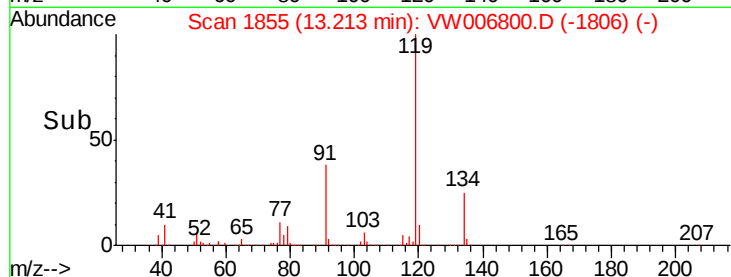
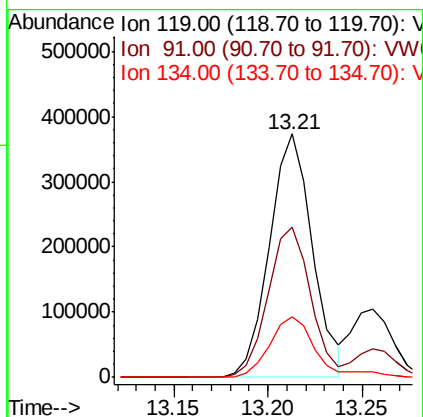
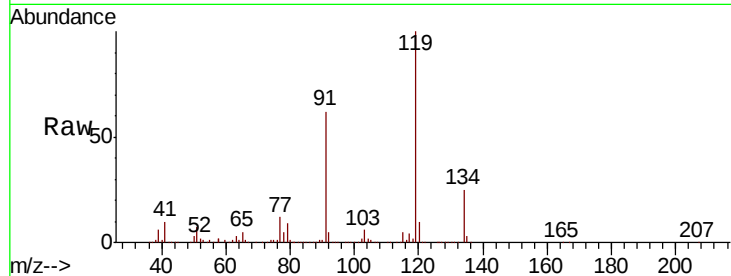




#83
tert-Butylbenzene
Concen: 53.382 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

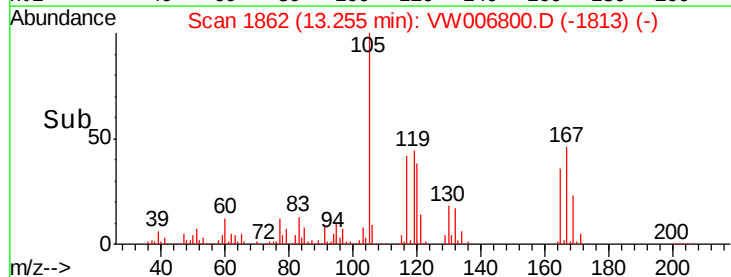
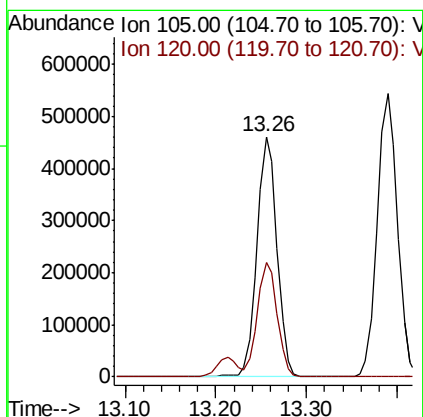
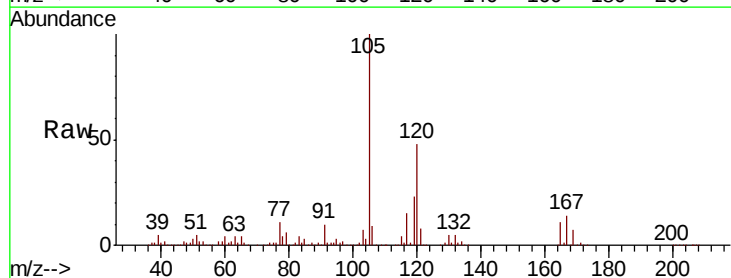
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

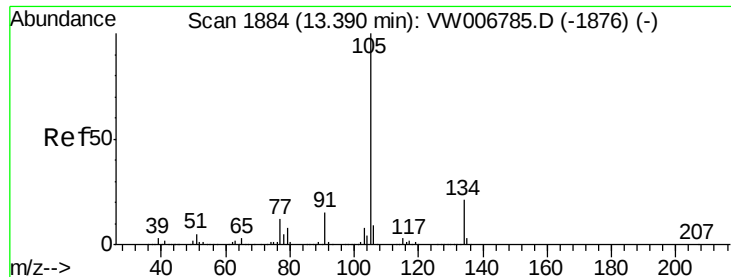
Tot Ion:119 Resp: 590213
Ion Ratio Lower Upper
119 100
91 61.2 30.4 91.2
134 27.0 13.6 40.7



#84
1,2,4-Trimethylbenzene
Concen: 53.750 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Tgt Ion:105 Resp: 704656
Ion Ratio Lower Upper
105 100
120 46.9 23.4 70.0





#85

sec-Butylbenzene

Concen: 52.914 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Instrument :

MSVOA_W

ClientSampleId :

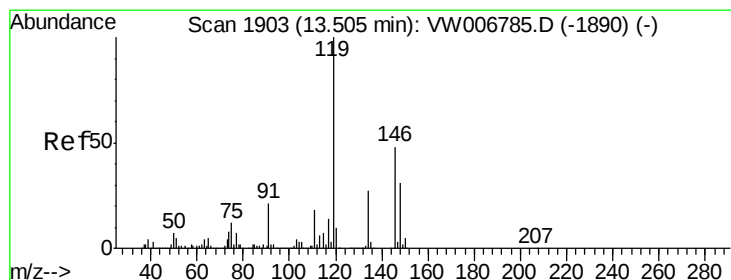
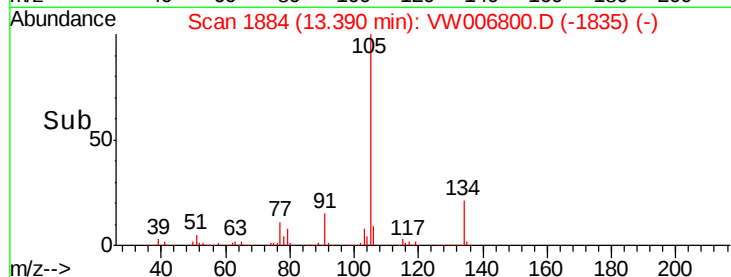
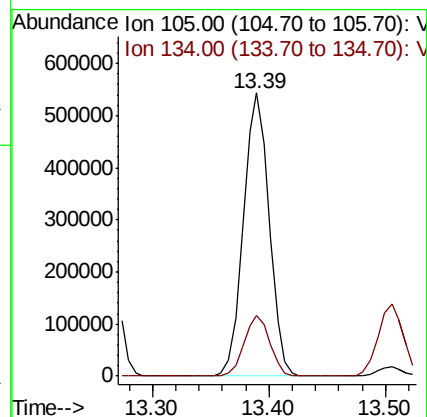
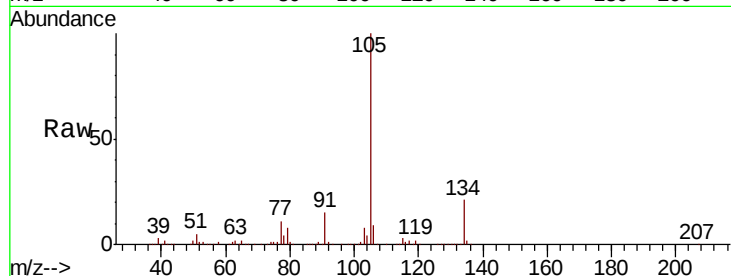
VSTDCCC050EC

Tot Ion:105 Resp: 837319

Ion Ratio Lower Upper

105 100

134 21.5 10.7 32.1



#86

p-Isopropyltoluene

Concen: 53.831 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

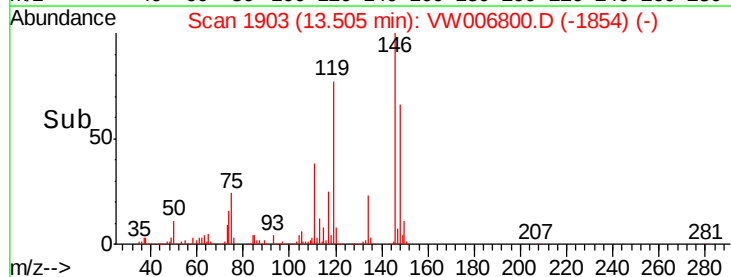
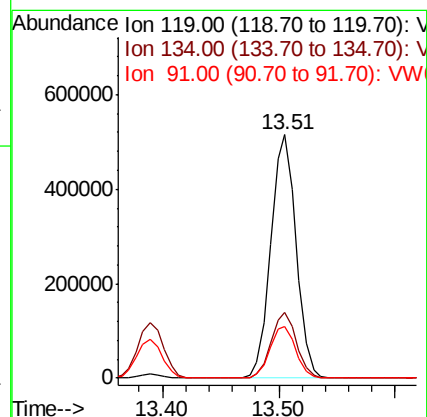
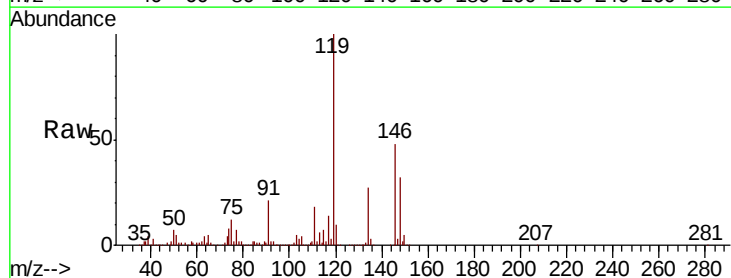
Tgt Ion:119 Resp: 776998

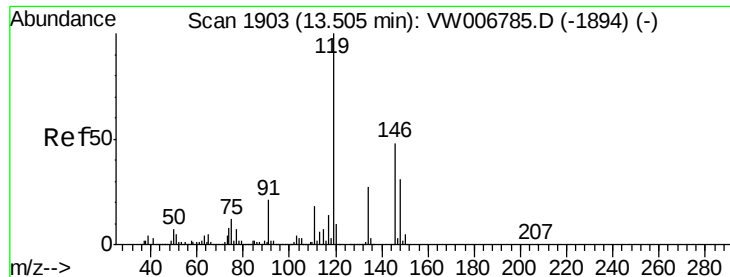
Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.7

91 21.7 10.8 32.4





#87

1,3-Dichlorobenzene

Concen: 52.358 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

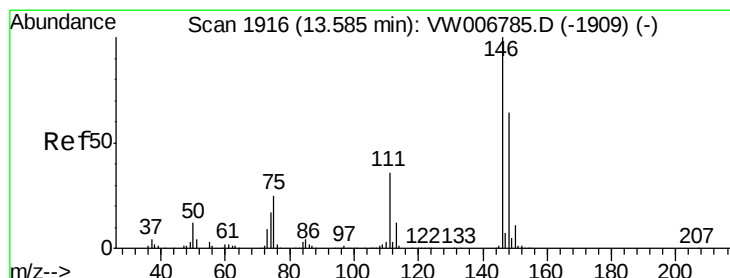
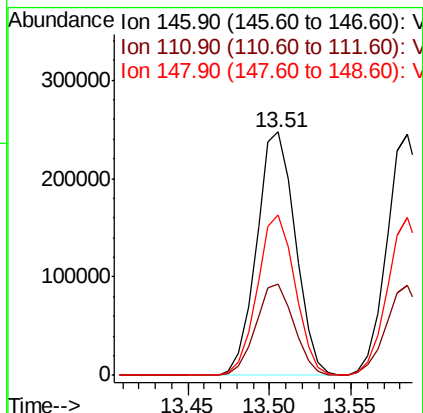
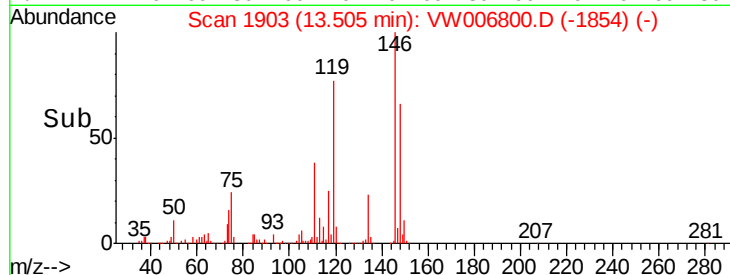
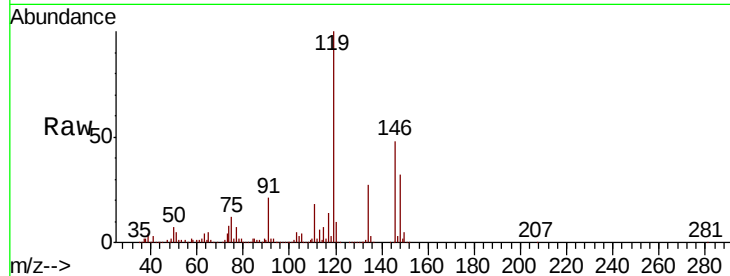
Tot Ion:146 Resp: 406184

Ion Ratio Lower Upper

146 100

111 37.1 18.4 55.0

148 64.5 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 51.843 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

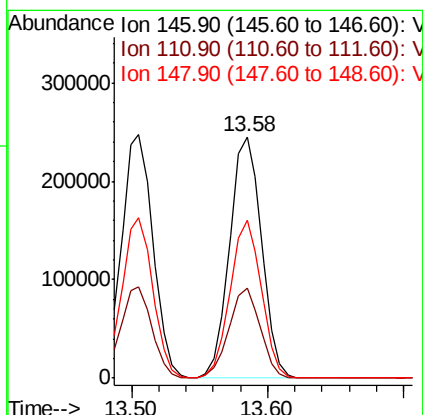
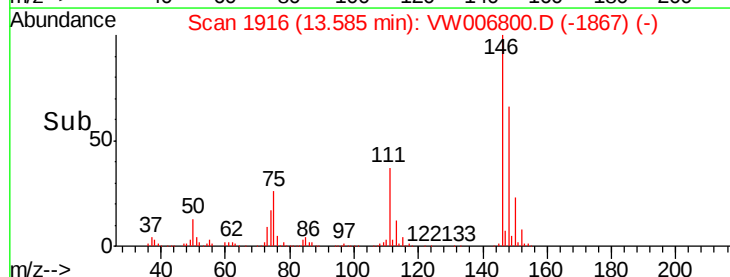
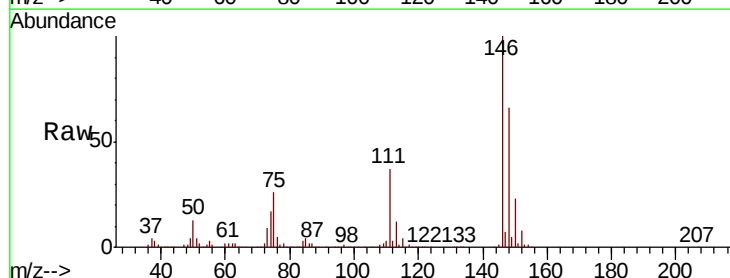
Tgt Ion:146 Resp: 400573

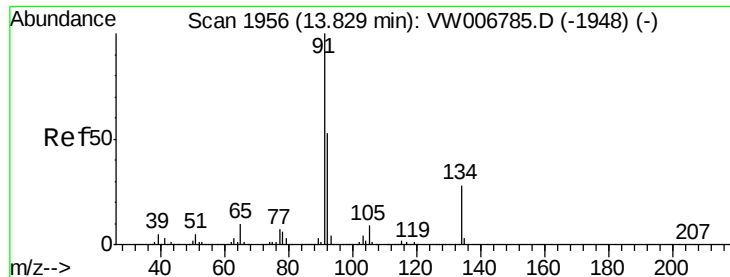
Ion Ratio Lower Upper

146 100

111 36.6 18.1 54.1

148 64.0 32.2 96.6

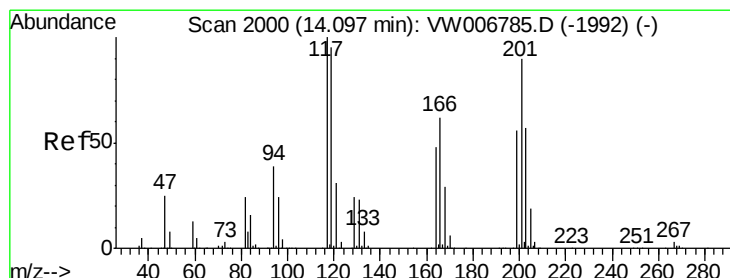
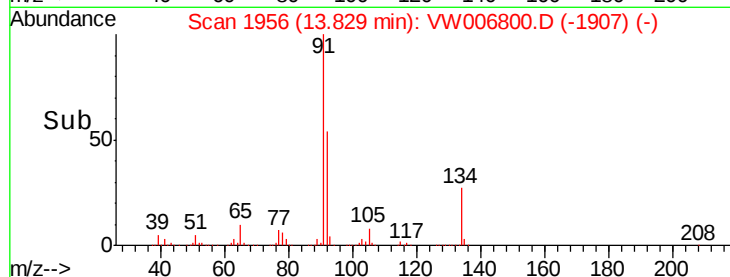
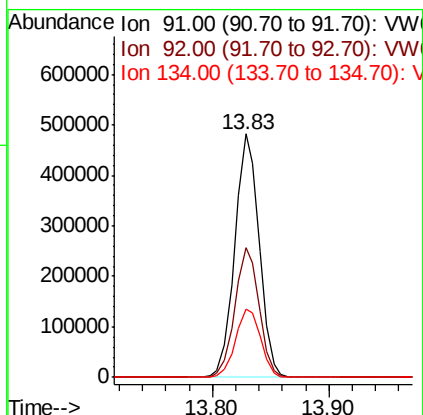
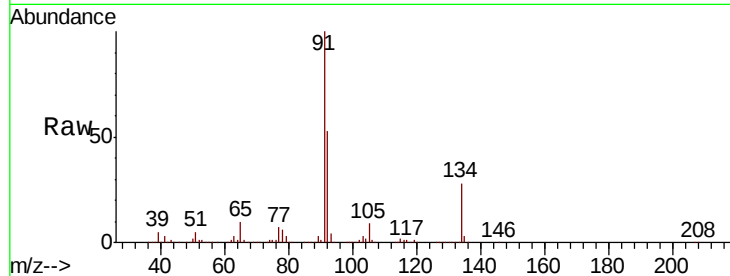




#89
n-Butylbenzene
Concen: 52.641 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

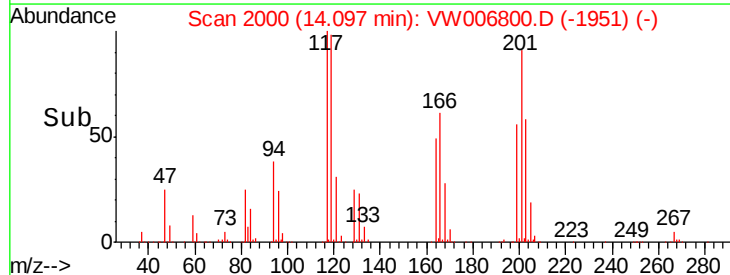
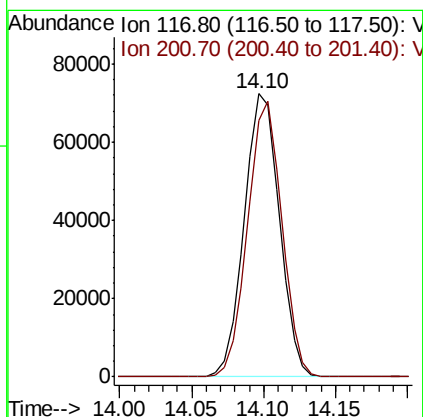
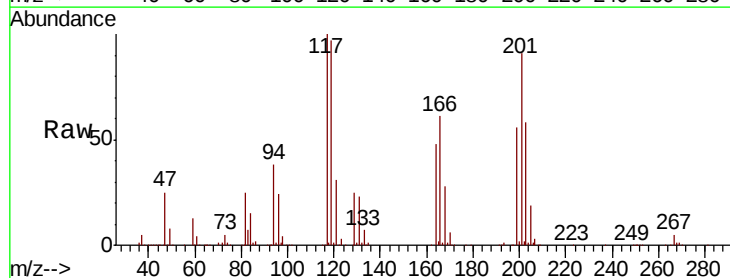
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

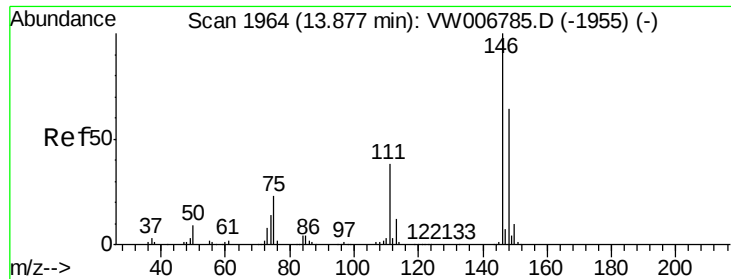
Tot Ion: 91 Resp: 701273
Ion Ratio Lower Upper
91 100
92 53.0 26.1 78.2
134 28.9 14.2 42.8



#90
Hexachloroethane
Concen: 54.007 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Tgt Ion: 117 Resp: 122296
Ion Ratio Lower Upper
117 100
201 94.7 47.0 141.2





#91

1,2-Dichlorobenzene

Concen: 53.269 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

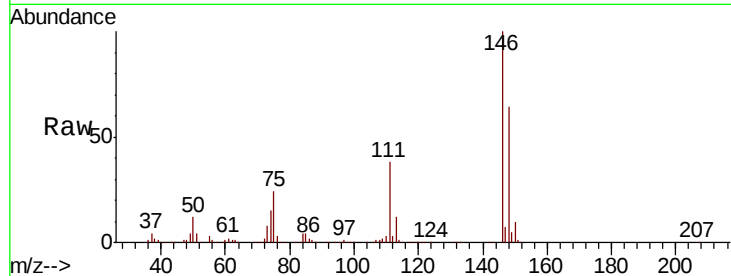
Tot Ion:146 Resp: 361517

Ion Ratio Lower Upper

146 100

111 38.1 19.1 57.3

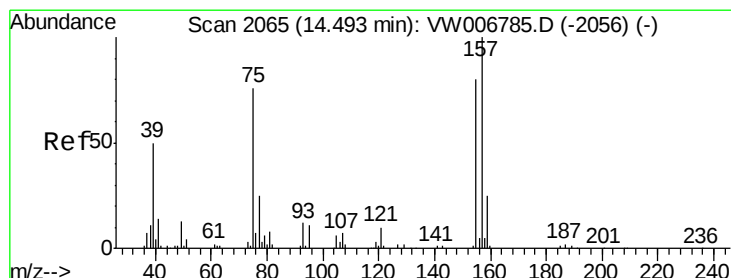
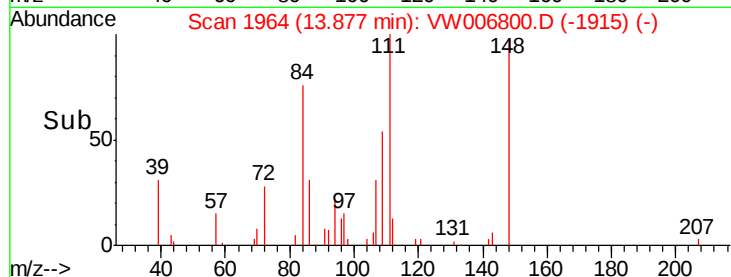
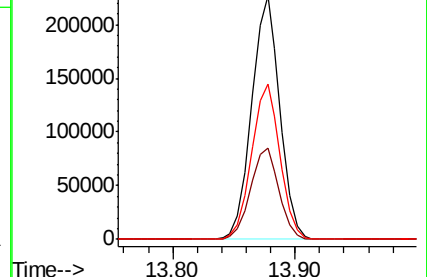
148 64.2 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.137 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. -0.00 min

Lab File: VW006800.D

Acq: 09 Nov 2018 21:57

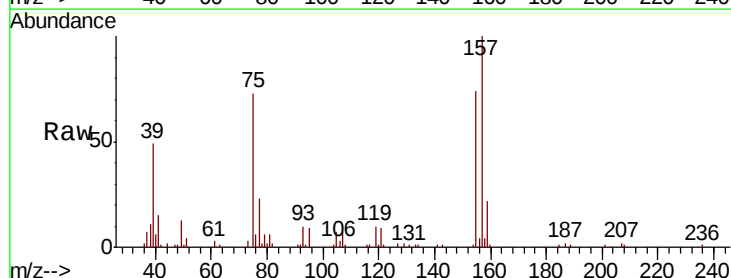
Tgt Ion: 75 Resp: 18878

Ion Ratio Lower Upper

75 100

155 104.5 51.0 153.1

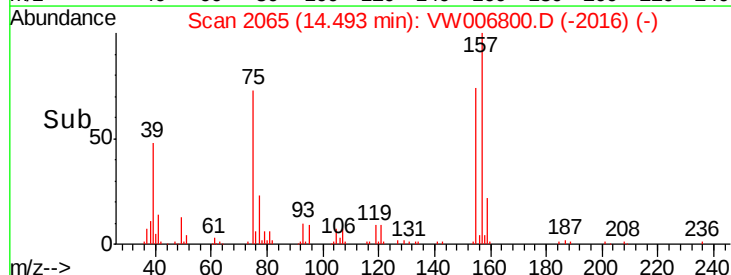
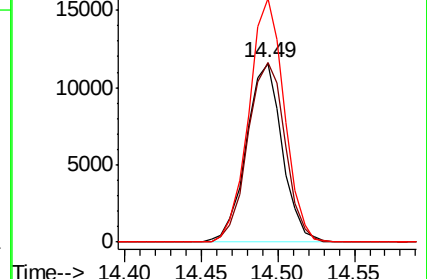
157 134.3 65.5 196.5

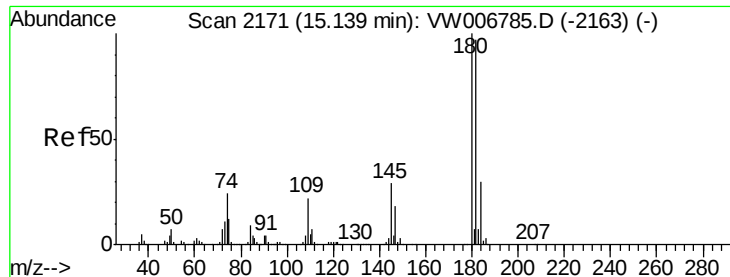


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

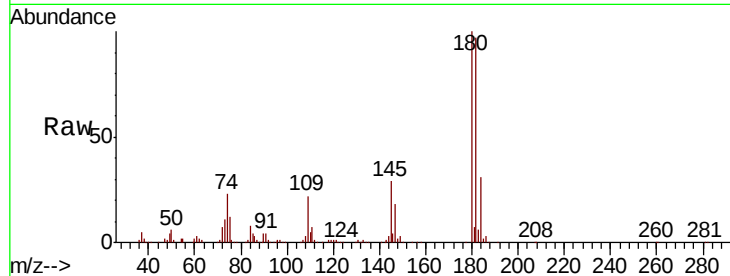




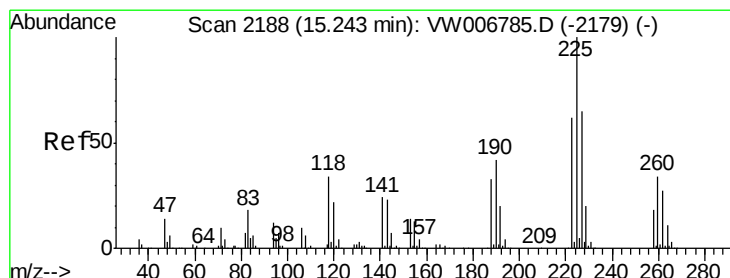
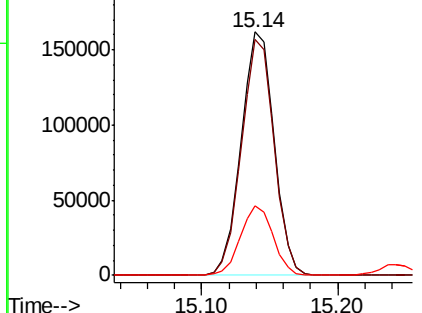
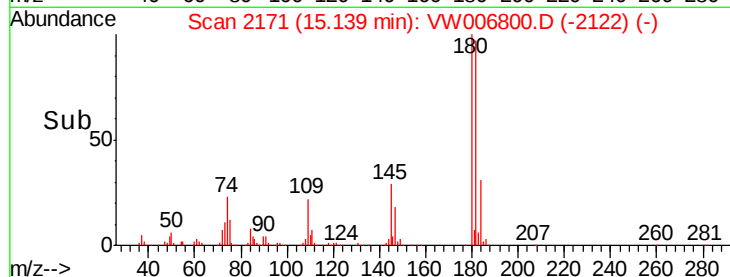
#93
 1,2,4-Trichlorobenzene
 Concen: 54.559 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW006800.D
 Acq: 09 Nov 2018 21:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 274108
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.9 143.8
 145 28.3 14.1 42.3

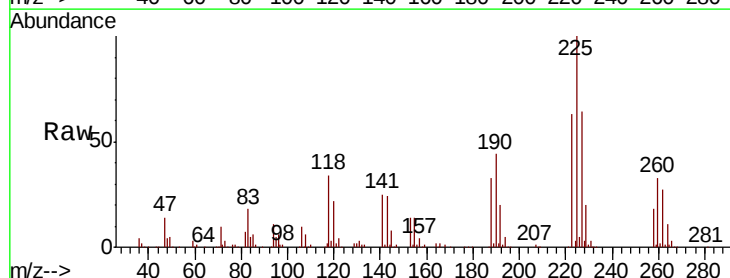


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

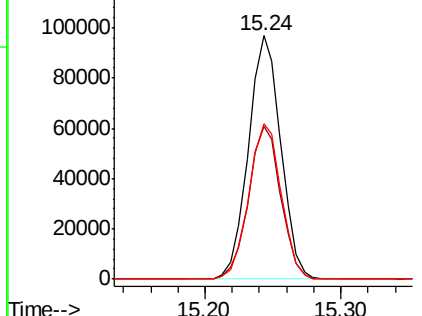
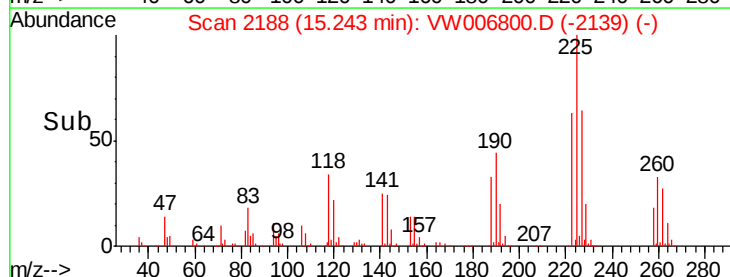


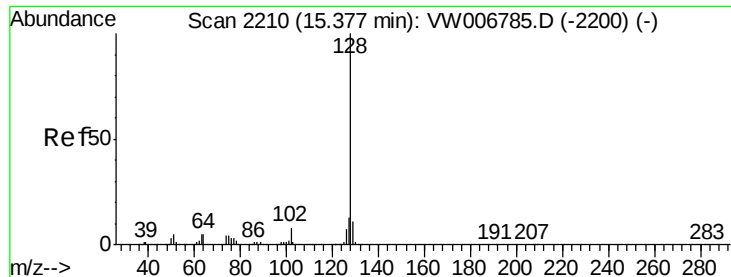
#94
 Hexachlorobutadiene
 Concen: 51.011 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006800.D
 Acq: 09 Nov 2018 21:57

Tgt Ion:225 Resp: 161288
 Ion Ratio Lower Upper
 225 100
 223 62.7 30.9 92.5
 227 63.8 31.9 95.7



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

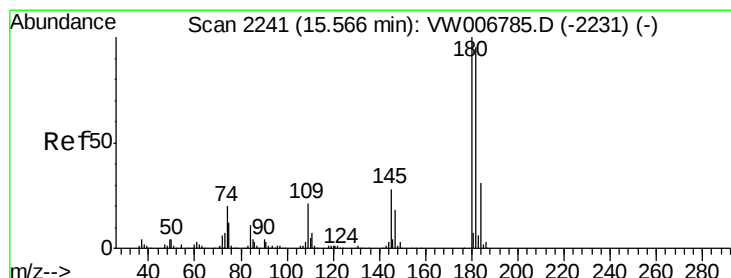
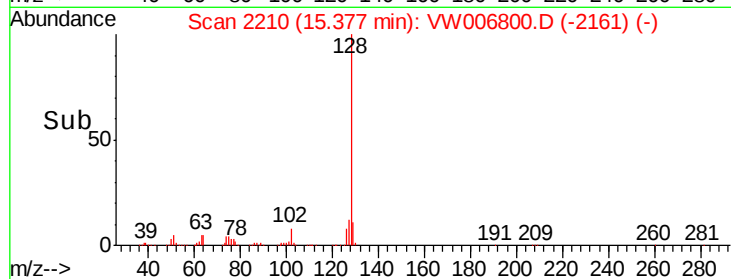
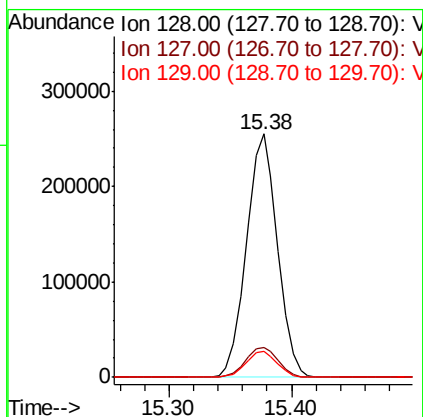
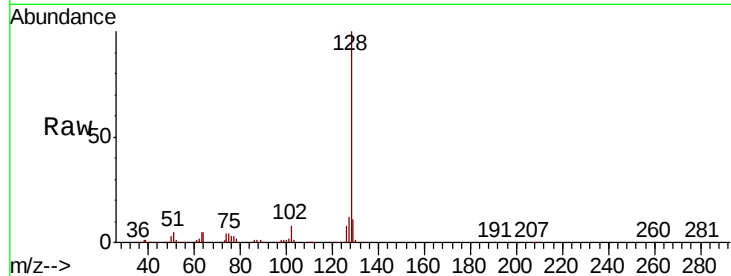




#95
Naphthalene
Concen: 58.302 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 448183
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 54.641 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006800.D
Acq: 09 Nov 2018 21:57

Tgt Ion:180 Resp: 237466
Ion Ratio Lower Upper
180 100
182 95.3 47.8 143.4
145 29.6 14.5 43.6

