

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101618\
 Data File : VW006092.D
 Acq On : 16 Oct 2018 21:28
 Operator : VA/AP
 Sample : VSTDCCC050EC
 Misc : 6.97G/5ML/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 17 01:22:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	279782	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	407950	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	379961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	213992	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	116060	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
35) Dibromofluoromethane	7.89	113	119961	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
50) Toluene-d8	10.33	98	457156	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
62) 4-Bromofluorobenzene	12.62	95	173059	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	65524	47.326	ug/l	100
3) Chloromethane	2.21	50	85793	48.139	ug/l	97
4) Vinyl Chloride	2.37	62	130038	51.093	ug/l	98
5) Bromomethane	2.79	94	123286	53.257	ug/l	100
6) Chloroethane	2.93	64	90382	49.553	ug/l	97
7) Trichlorofluoromethane	3.26	101	122076	51.487	ug/l	98
8) Diethyl Ether	3.68	74	63808	50.638	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	123024	49.512	ug/l	99
10) Methyl Iodide	4.27	142	217564	52.607	ug/l	99
11) Tert butyl alcohol	5.20	59	38663	247.840	ug/l	99
12) 1,1-Dichloroethene	4.04	96	117803	50.393	ug/l	95
13) Acrolein	3.90	56	35027	232.043	ug/l	98
14) Allyl chloride	4.67	41	171108	51.192	ug/l	100
15) Acrylonitrile	5.38	53	116790	258.407	ug/l	99
16) Acetone	4.13	43	104538	239.613	ug/l	96
17) Carbon Disulfide	4.38	76	359092	50.897	ug/l	99
18) Methyl Acetate	4.68	43	58123	49.793	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	185430	52.080	ug/l	98
20) Methylene Chloride	4.92	84	126455	51.574	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	135232	51.827	ug/l	99
22) Diisopropyl ether	6.32	45	350345	53.040	ug/l	99
23) Vinyl Acetate	6.26	43	1014069	260.143	ug/l	100
24) 1,1-Dichloroethane	6.22	63	225412	52.887	ug/l	99
25) 2-Butanone	7.18	43	151566	241.878	ug/l	98
26) 2,2-Dichloropropane	7.17	77	147555	49.086	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	152660	53.017	ug/l	99
28) Bromochloromethane	7.52	49	90052	54.728	ug/l	98
29) Tetrahydrofuran	7.54	42	98153	254.830	ug/l	99
30) Chloroform	7.68	83	244756	52.708	ug/l	100
31) Cyclohexane	7.96	56	200202	47.168	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	216473	51.679	ug/l	99
36) 1,1-Dichloropropene	8.09	75	190177	50.577	ug/l	100
37) Ethyl Acetate	7.26	43	69825	49.981	ug/l	99
38) Carbon Tetrachloride	8.07	117	207092	50.240	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	248562	49.730	ug/l	99
40) Benzene	8.33	78	536264	51.992	ug/l	98
41) Methacrylonitrile	7.49	41	39799	47.256	ug/l	94
42) 1,2-Dichloroethane	8.40	62	157787	52.069	ug/l	100
43) Isopropyl Acetate	8.43	43	144982	50.756	ug/l	99
44) Trichloroethene	9.10	130	162373	51.312	ug/l	99
45) 1,2-Dichloropropane	9.37	63	125914	51.015	ug/l	99
46) Dibromomethane	9.46	93	73252	52.072	ug/l	99
47) Bromodichloromethane	9.65	83	179189	52.539	ug/l	99
48) Methyl methacrylate	9.44	41	69183	51.095	ug/l	98
49) 1,4-Dioxane	9.46	88	22878	1056.417	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	360632	251.980	ug/l	100
52) Toluene	10.39	92	358299	51.815	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	176792	52.028	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	202910	52.030	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	102798	52.219	ug/l	98
56) Ethyl methacrylate	10.65	69	125477	51.993	ug/l	98
57) 1,3-Dichloropropane	10.94	76	169059	51.878	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	221792	240.516	ug/l	99
59) 2-Hexanone	10.98	43	249271	243.992	ug/l	99
60) Dibromochloromethane	11.13	129	129868	52.963	ug/l	100
61) 1,2-Dibromoethane	11.24	107	103403	52.570	ug/l	99
64) Tetrachloroethene	10.87	164	149595	50.716	ug/l	99
65) Chlorobenzene	11.66	112	415852	51.126	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	150166	51.950	ug/l	99
67) Ethyl Benzene	11.74	91	719805	51.064	ug/l	98
68) m/p-Xylenes	11.85	106	569639	102.240	ug/l	100
69) o-Xylene	12.17	106	274444	51.686	ug/l	99
70) Styrene	12.19	104	448650	51.960	ug/l	100
71) Bromoform	12.35	173	83652	51.884	ug/l #	100
73) Isopropylbenzene	12.47	105	763059	50.474	ug/l	99
74) N-amyl acetate	12.28	43	146251	49.808	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	117732	51.202	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	154848	94.739	ug/l #	100
77) Bromobenzene	12.75	156	190280	51.387	ug/l	100
78) n-propylbenzene	12.81	91	889168	50.554	ug/l	100
79) 2-Chlorotoluene	12.90	91	507970	51.402	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	650894	51.072	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	33148	48.478	ug/l	94
82) 4-Chlorotoluene	12.99	91	529197	51.121	ug/l	100
83) tert-Butylbenzene	13.21	119	580204	50.883	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	663892	51.479	ug/l	100
85) sec-Butylbenzene	13.39	105	817882	50.772	ug/l	100
86) p-Isopropyltoluene	13.51	119	738128	50.659	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	376604	51.104	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	373538	50.909	ug/l	100
89) n-Butylbenzene	13.83	91	667045	50.058	ug/l	99
90) Hexachloroethane	14.10	117	127277	51.570	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	336162	51.140	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19815	48.132	ug/l	96

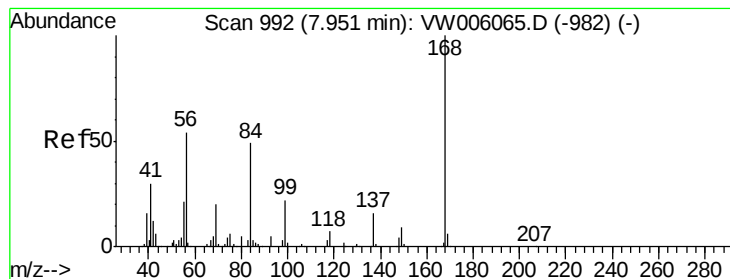
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101618\
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Quant Title : SW846 8260
QLast Update : Tue Oct 16 05:36:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	245473	48.533	ug/l	99
94) Hexachlorobutadiene	15.24	225	155999	49.098	ug/l	99
95) Naphthalene	15.38	128	416796	49.537	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	217067	49.618	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006092.D

Acq: 16 Oct 2018 21:28

Instrument :

MSVOA_W

ClientSampleId :

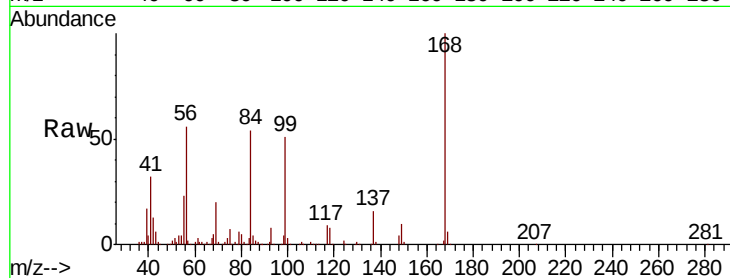
VSTDCCC050EC

Tgt Ion:168 Resp: 279782

Ion Ratio Lower Upper

168 100

99 50.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

100000

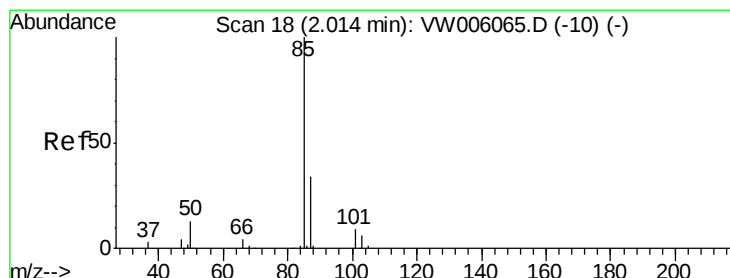
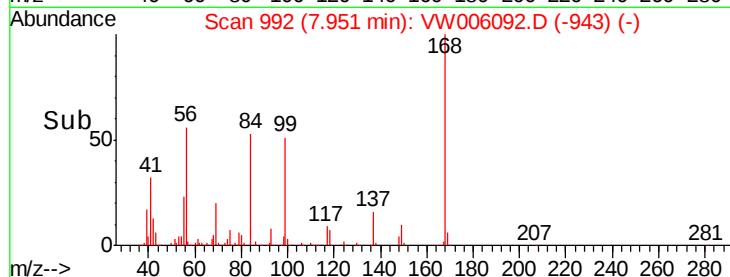
50000

0

Time-->

7.90

8.00



#2

Dichlorodifluoromethane

Concen: 47.326 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW006092.D

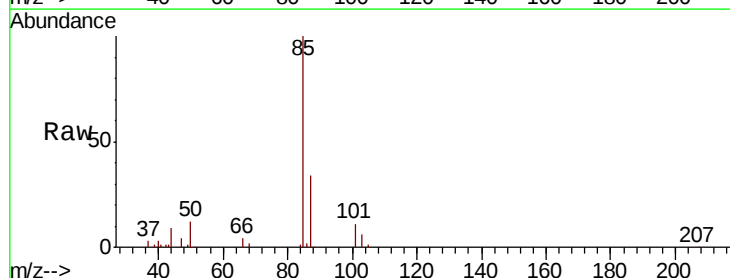
Acq: 16 Oct 2018 21:28

Tgt Ion: 85 Resp: 65524

Ion Ratio Lower Upper

85 100

87 34.0 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

20000

15000

10000

5000

0

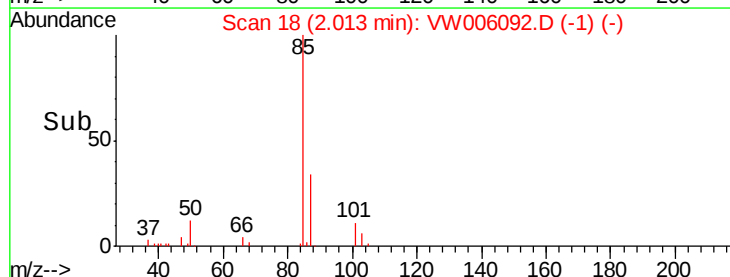
Time-->

1.90

2.00

2.10

2.20





#3

Chloromethane

Concen: 48.139 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006092.D

Acq: 16 Oct 2018 21:28

Instrument :

MSVOA_W

ClientSampleId :

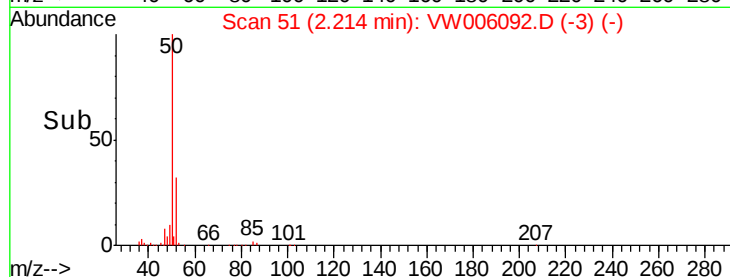
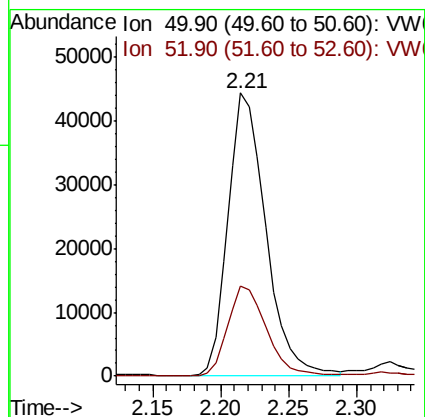
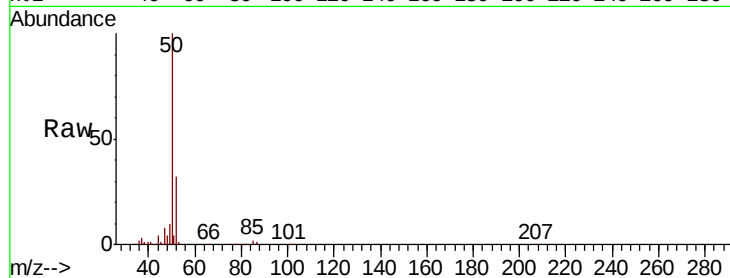
VSTDCCC050EC

Tgt Ion: 50 Resp: 85793

Ion Ratio Lower Upper

50 100

52 31.9 26.8 40.2



#4

Vinyl Chloride

Concen: 51.093 ug/l

RT: 2.37 min Scan# 77

Delta R.T. -0.00 min

Lab File: VW006092.D

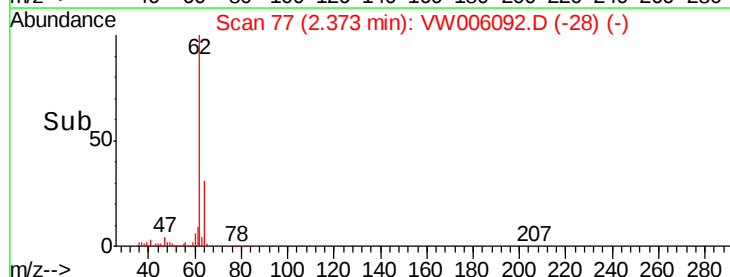
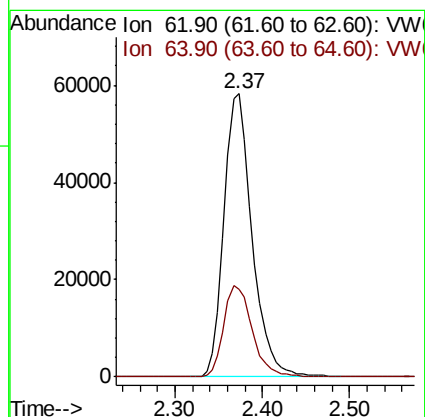
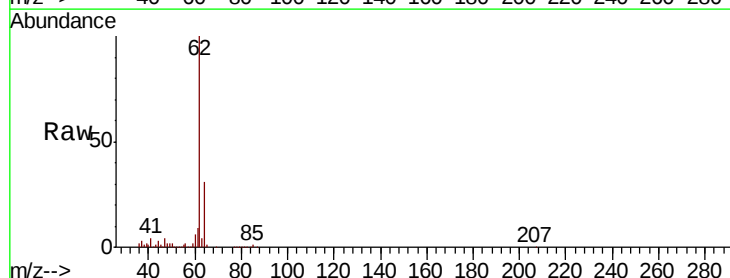
Acq: 16 Oct 2018 21:28

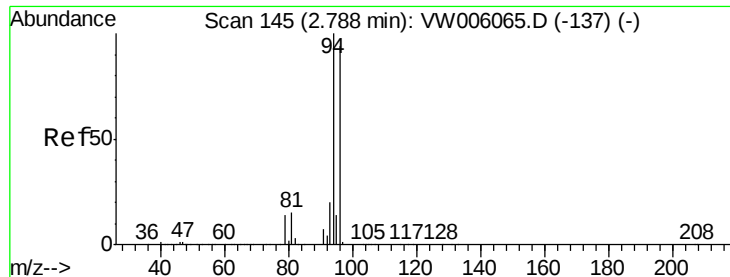
Tgt Ion: 62 Resp: 130038

Ion Ratio Lower Upper

62 100

64 31.2 25.9 38.9





#5

Bromomethane

Concen: 53.257 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.00 min

Lab File: VW006092.D

Acq: 16 Oct 2018 21:28

Instrument :

MSVOA_W

ClientSampleId :

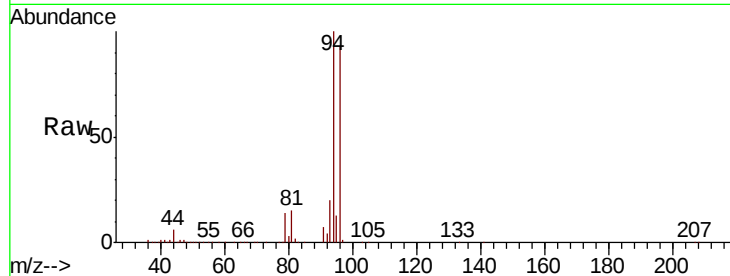
VSTDCCC050EC

Tgt Ion: 94 Resp: 123286

Ion Ratio Lower Upper

94 100

96 93.4 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.79

60000

50000

40000

30000

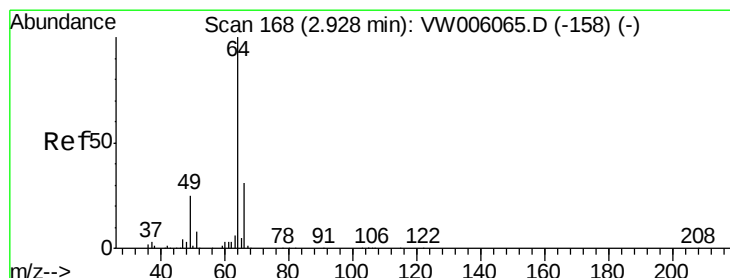
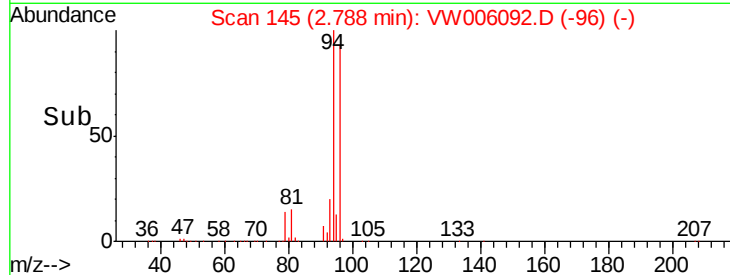
20000

10000

0

Time-->

2.70 2.80 2.90



#6

Chloroethane

Concen: 49.553 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW006092.D

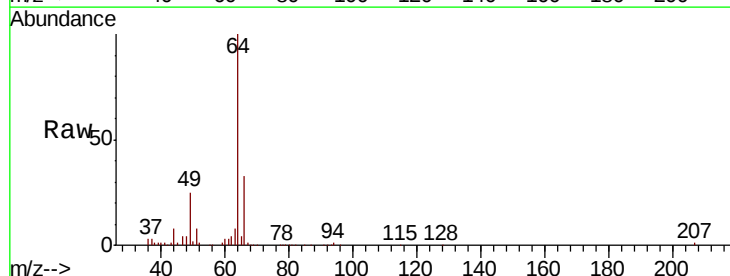
Acq: 16 Oct 2018 21:28

Tgt Ion: 64 Resp: 90382

Ion Ratio Lower Upper

64 100

66 32.9 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.93

30000

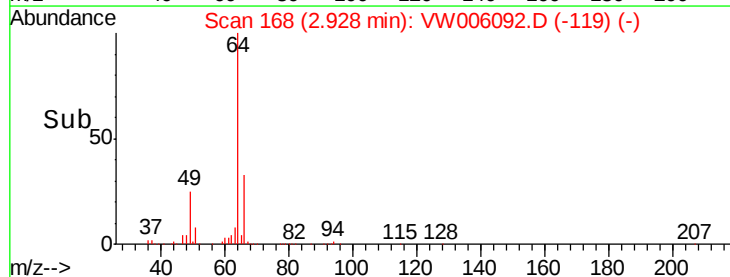
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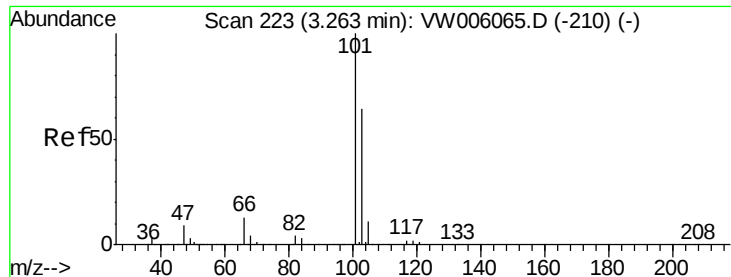
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0

Time-->

2.80 2.90 3.00 3.10



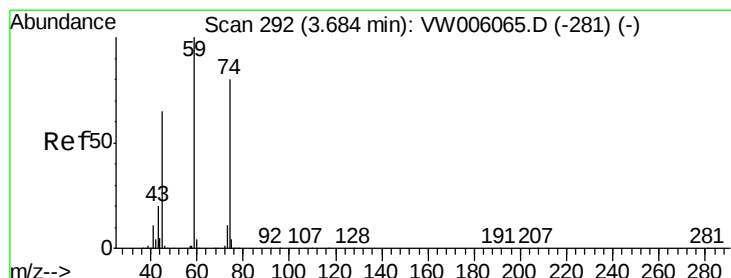
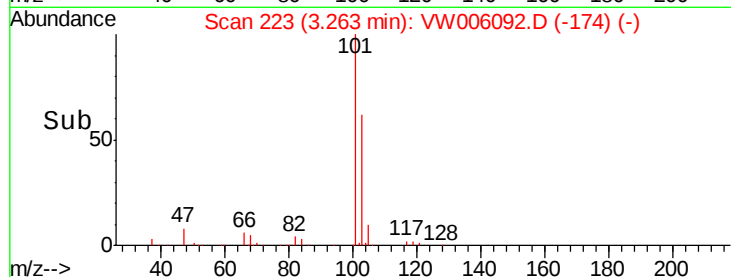
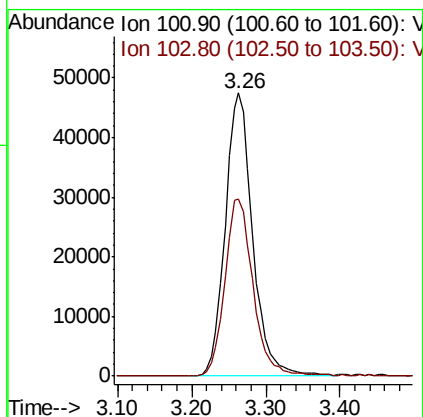
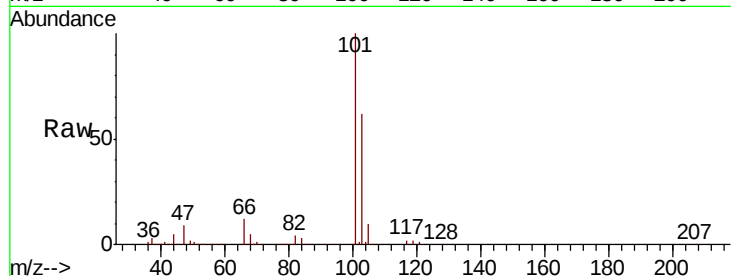


#7

Trichlorofluoromethane
 Concen: 51.487 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW006092.D
 Acq: 16 Oct 2018 21:28

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 MSVOA_W
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 VSTDCCC050EC

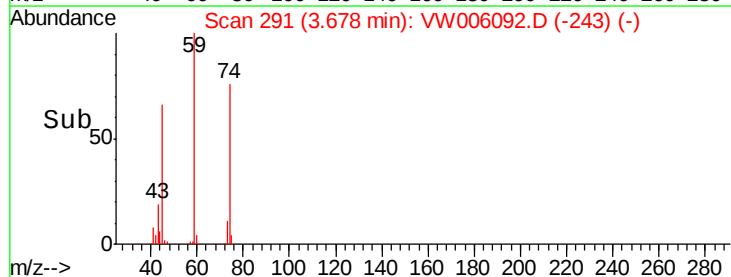
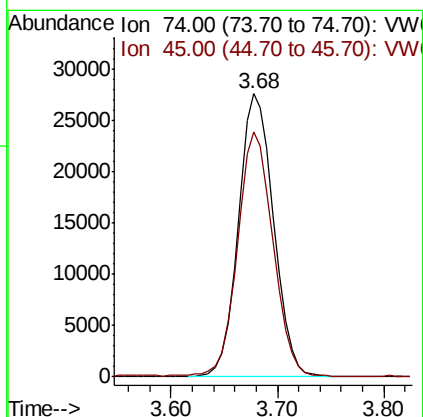
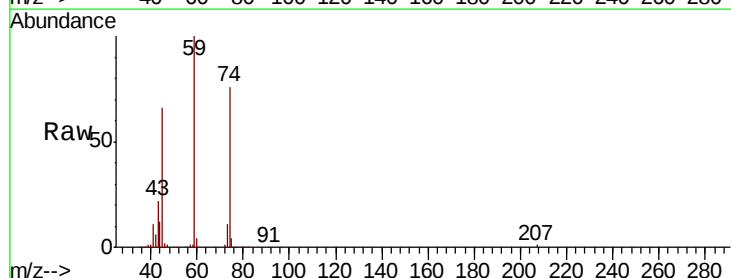
Tgt Ion:101 Resp: 122076
 Ion Ratio Lower Upper
 101 100
 103 62.5 51.2 76.8

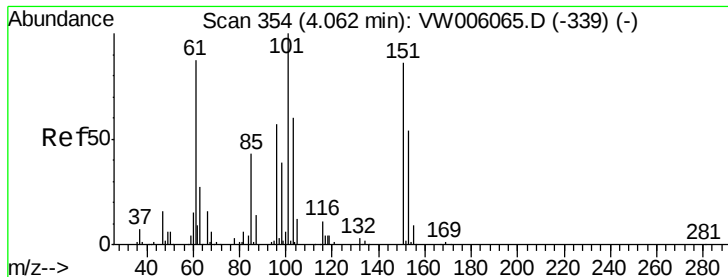


#8

Diethyl Ether
 Concen: 50.638 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006092.D
 Acq: 16 Oct 2018 21:28

Tgt Ion: 74 Resp: 63808
 Ion Ratio Lower Upper
 74 100
 45 87.4 42.8 128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.512 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW006092.D

Acq: 16 Oct 2018 21:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

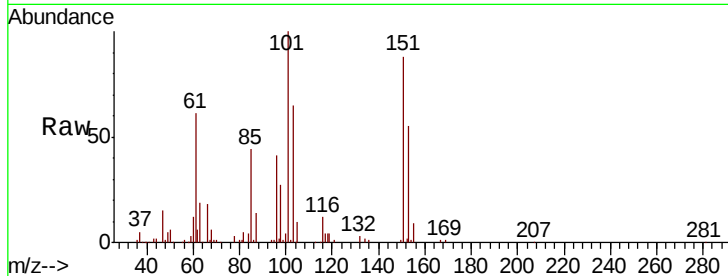
Tgt Ion:101 Resp: 123024

Ion Ratio Lower Upper

101 100

85 43.7 34.9 52.3

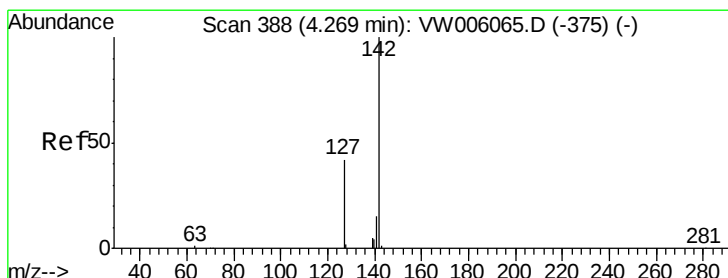
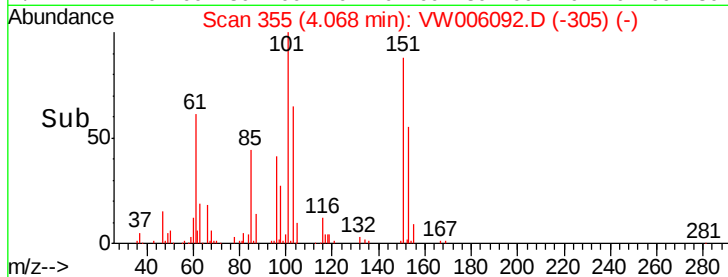
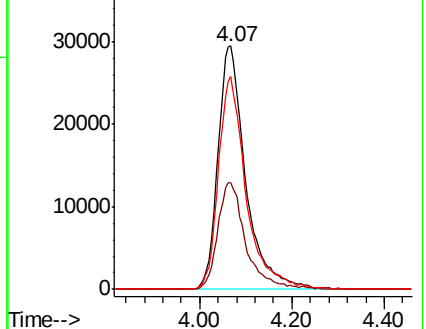
151 87.1 70.4 105.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.607 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW006092.D

Acq: 16 Oct 2018 21:28

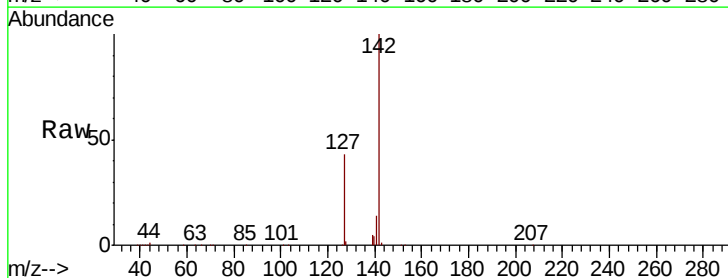
Tgt Ion:142 Resp: 217564

Ion Ratio Lower Upper

142 100

127 42.7 33.6 50.4

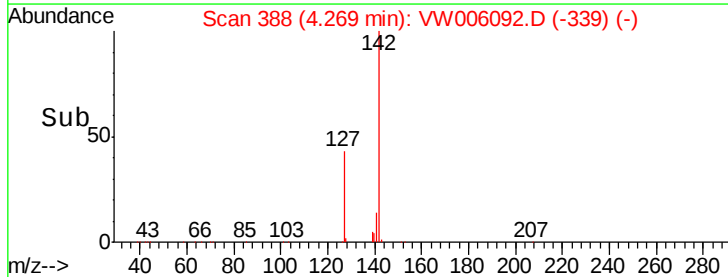
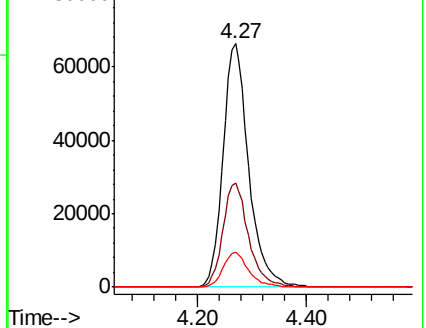
141 14.2 11.6 17.4

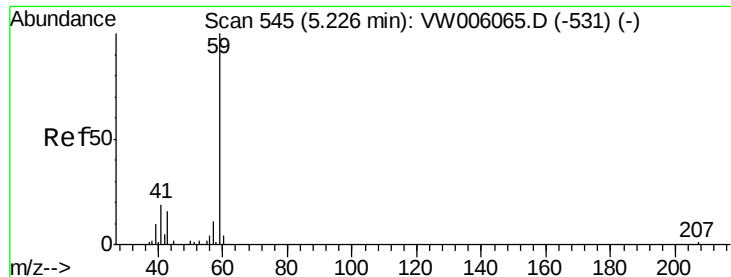


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



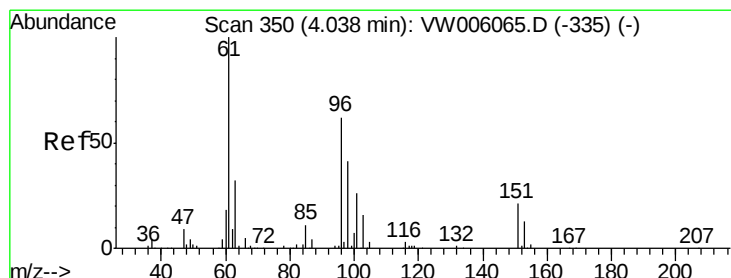
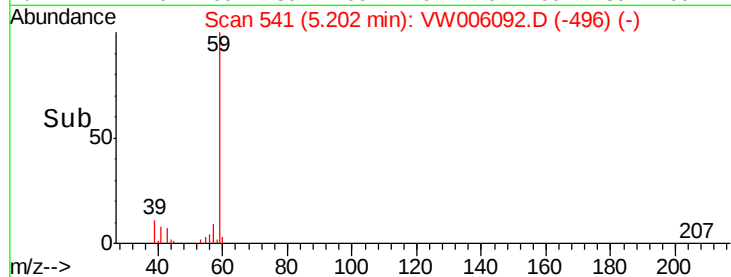
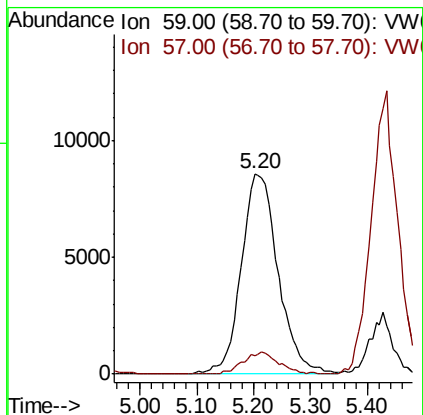
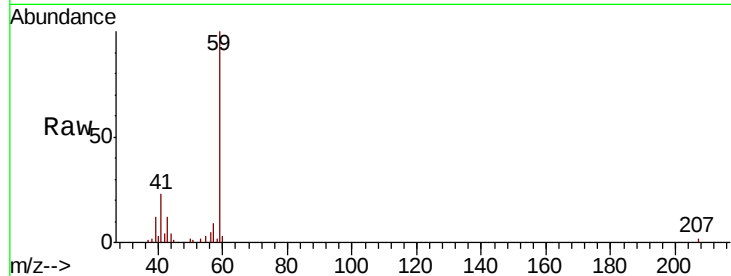


#11

Tert butyl alcohol
 Concen: 247.840 ug/l
 RT: 5.20 min Scan# 541
 Delta R.T. -0.02 min
 Lab File: VW006092.D
 Acq: 16 Oct 2018 21:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

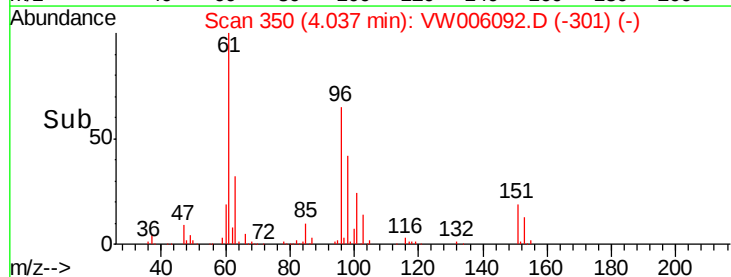
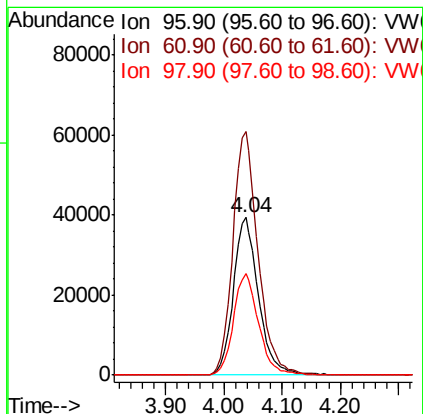
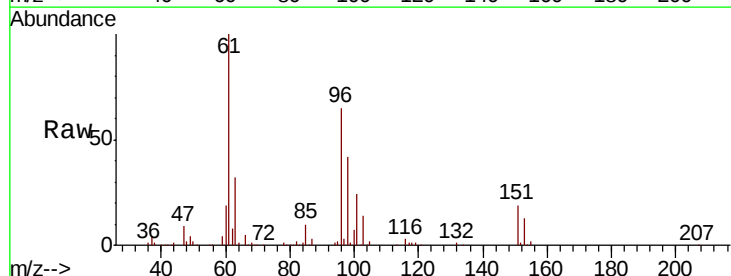
Tgt Ion: 59 Resp: 38663
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.7 13.1

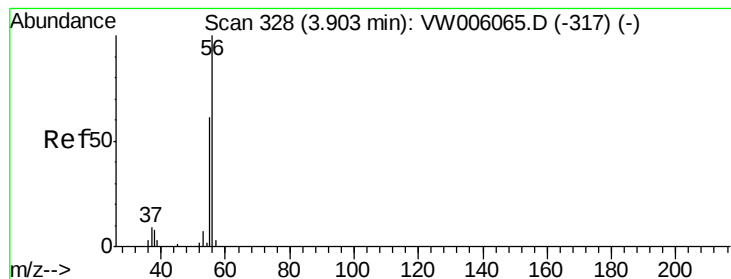


#12

1,1-Dichloroethene
 Concen: 50.393 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW006092.D
 Acq: 16 Oct 2018 21:28

Tgt Ion: 96 Resp: 117803
 Ion Ratio Lower Upper
 96 100
 61 154.3 129.3 193.9
 98 64.2 53.1 79.7





#13

Acrolein

Concen: 232.043 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006092.D

Acq: 16 Oct 2018 21:28

Instrument :

MSVOA_W

ClientSampleId :

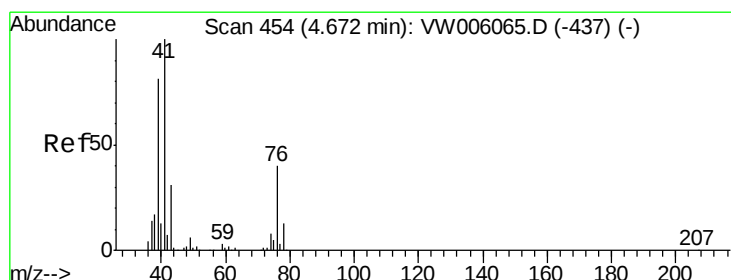
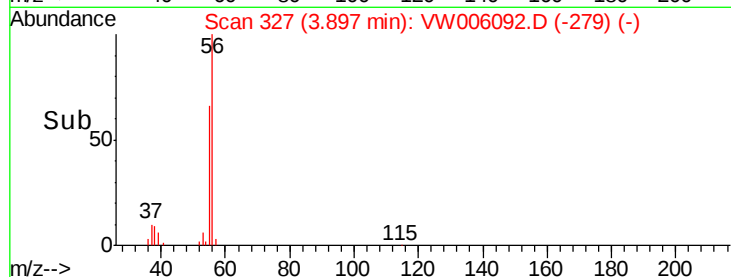
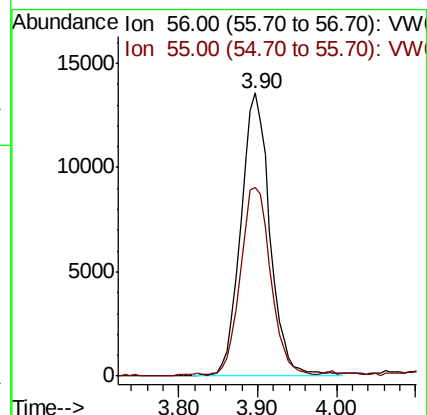
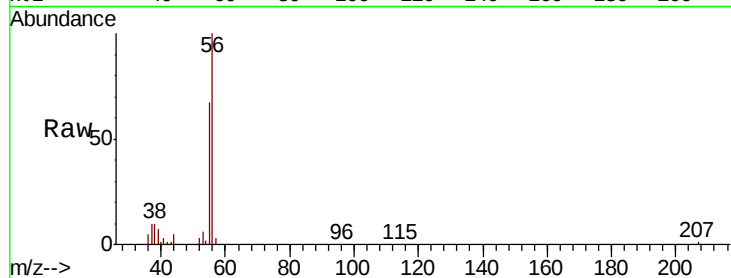
VSTDCCC050EC

Tgt Ion: 56 Resp: 35027

Ion Ratio Lower Upper

56 100

55 69.8 54.5 81.7



#14

Allyl chloride

Concen: 51.192 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW006092.D

Acq: 16 Oct 2018 21:28

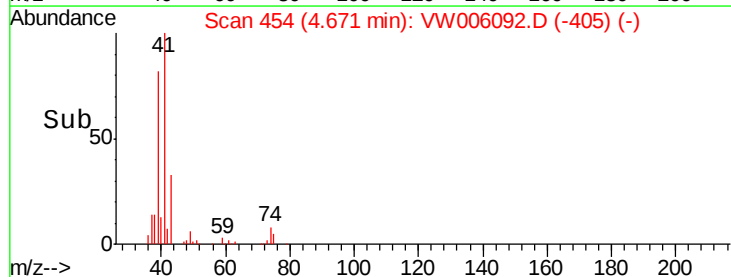
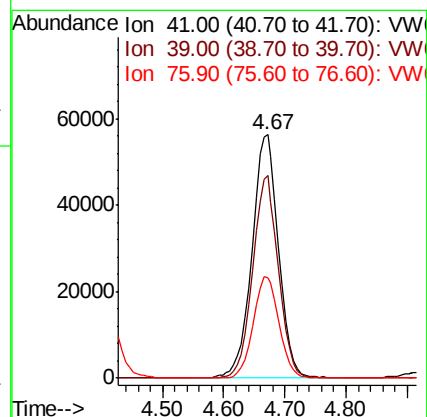
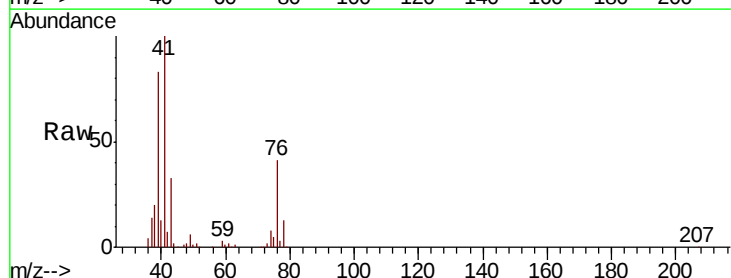
Tgt Ion: 41 Resp: 171108

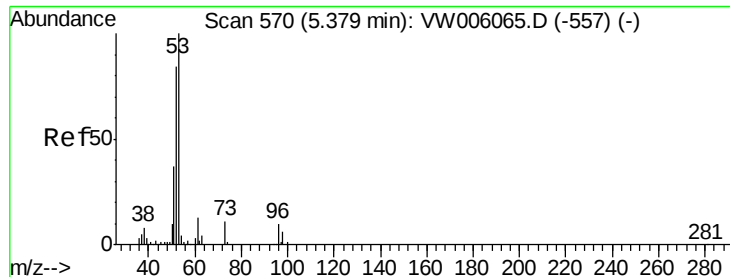
Ion Ratio Lower Upper

41 100

39 80.0 64.1 96.1

76 40.5 32.2 48.4





#15

Acrylonitrile

Concen: 258.407 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW006092.D

Acq: 16 Oct 2018 21:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

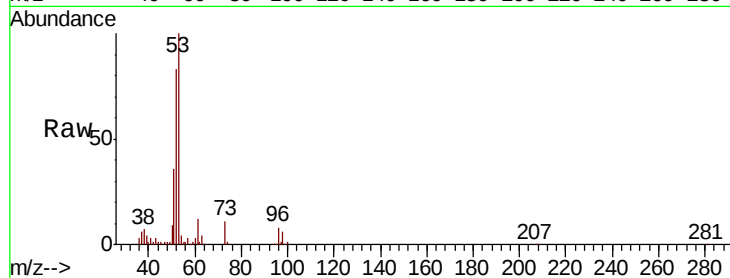
Tgt Ion: 53 Resp: 116790

Ion Ratio Lower Upper

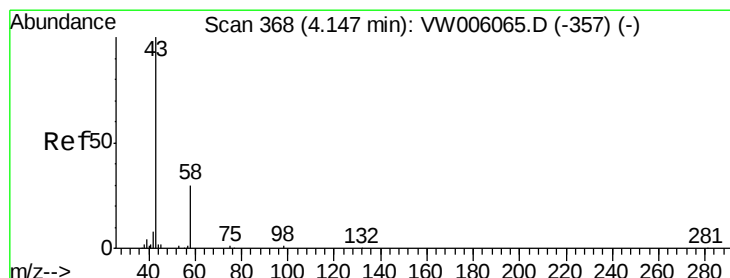
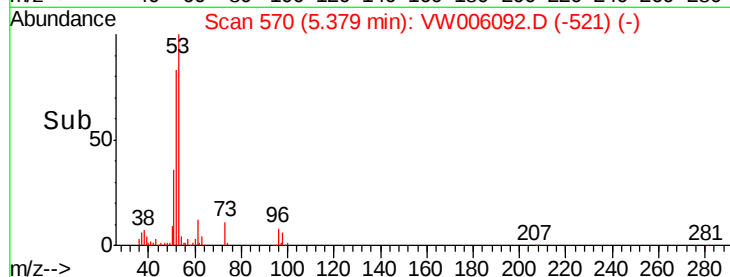
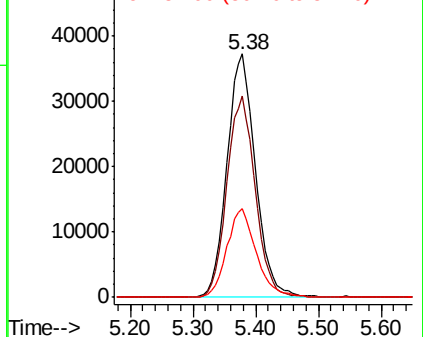
53 100

52 82.0 66.9 100.3

51 37.6 30.1 45.1



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 239.613 ug/l

RT: 4.13 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW006092.D

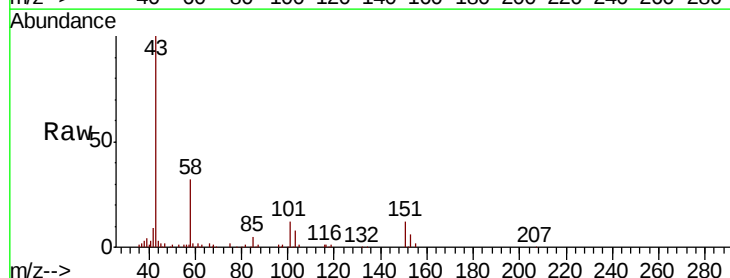
Acq: 16 Oct 2018 21:28

Tgt Ion: 43 Resp: 104538

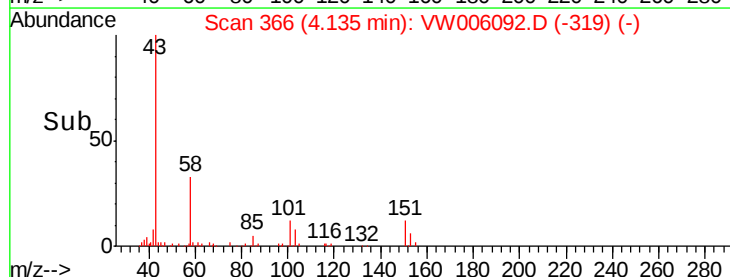
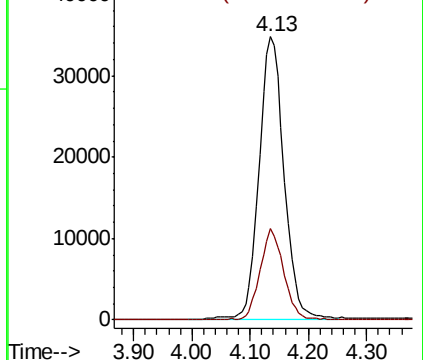
Ion Ratio Lower Upper

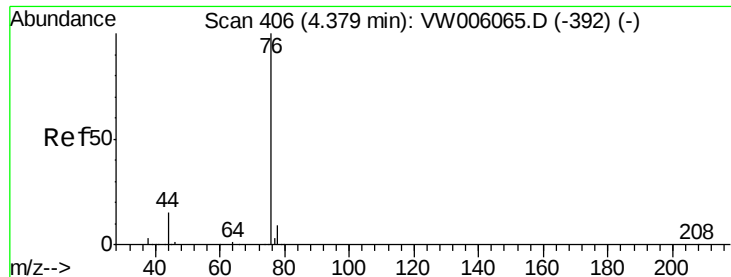
43 100

58 32.4 24.0 36.0



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

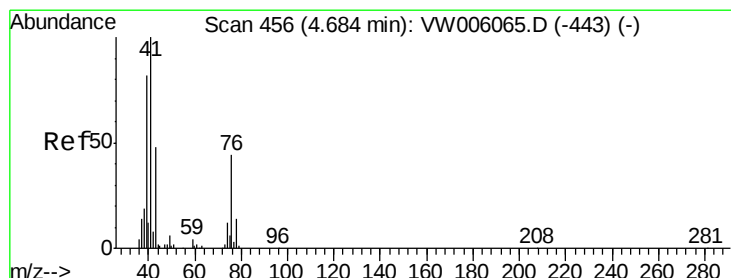
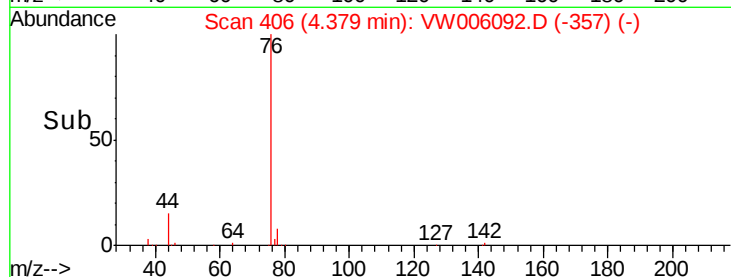
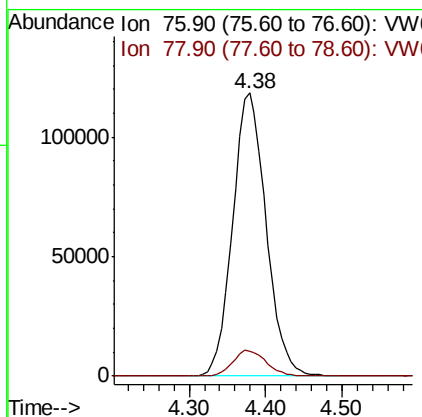
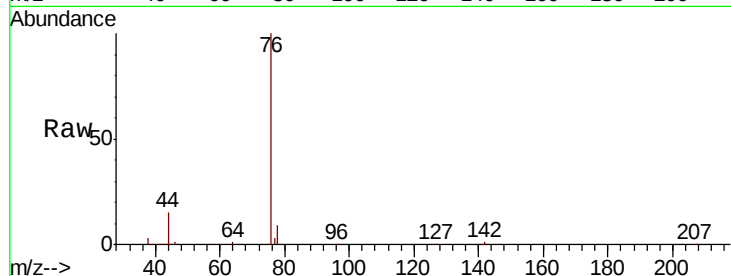




#17
Carbon Disulfide
Concen: 50.897 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW006092.D
Acq: 16 Oct 2018 21:28

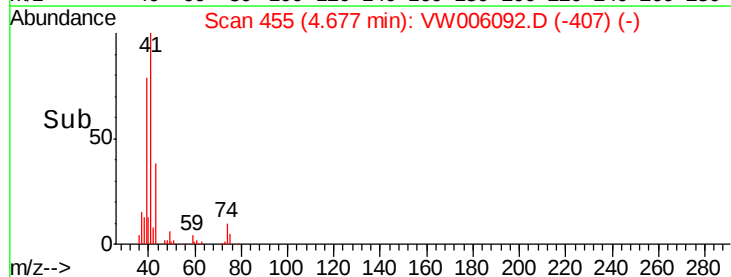
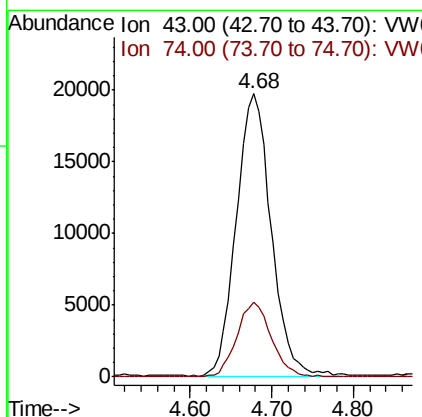
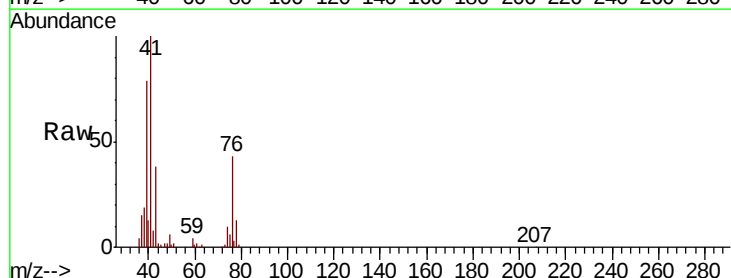
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 359092
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 49.793 ug/l
RT: 4.68 min Scan# 456
Delta R.T. -0.01 min
Lab File: VW006092.D
Acq: 16 Oct 2018 21:28

Tgt Ion: 43 Resp: 58123
Ion Ratio Lower Upper
43 100
74 26.4 20.5 30.7

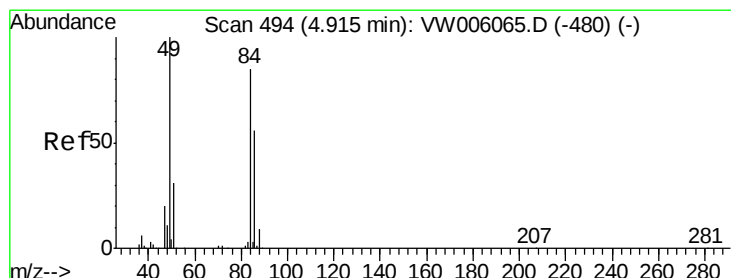
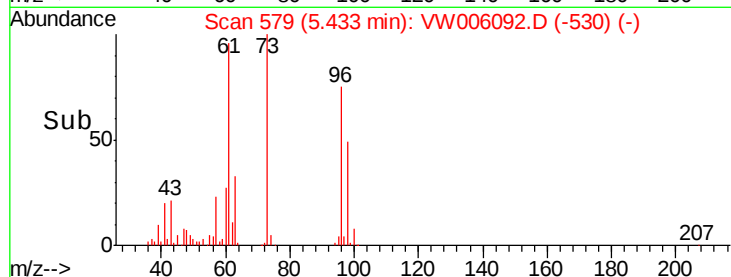
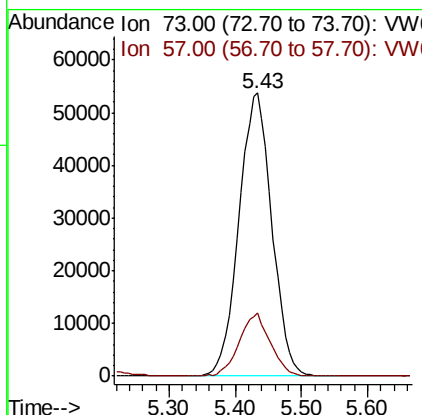
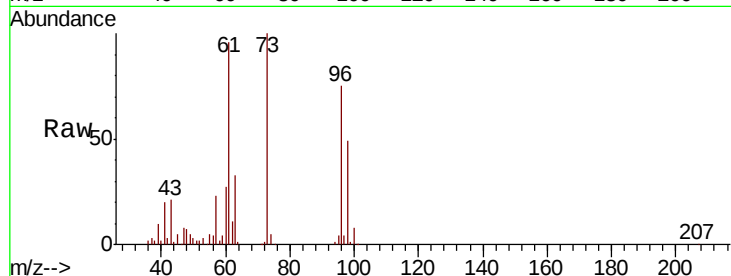




#19
Methyl tert-butyl Ether
Concen: 52.080 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW006092.D
Acq: 16 Oct 2018 21:28

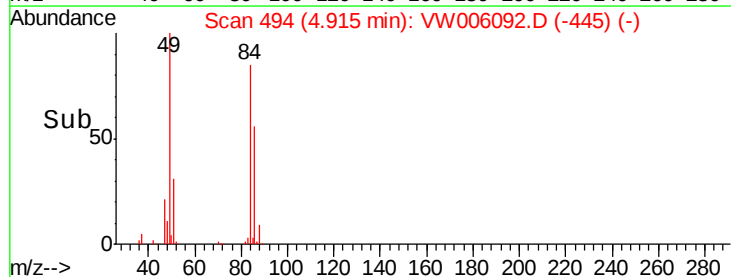
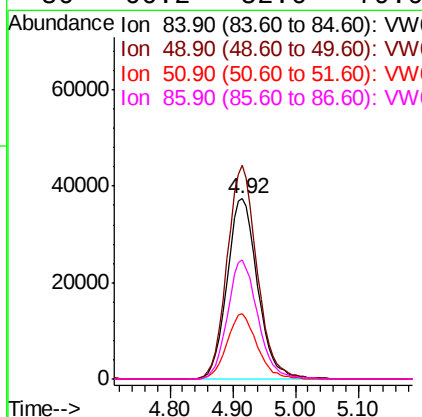
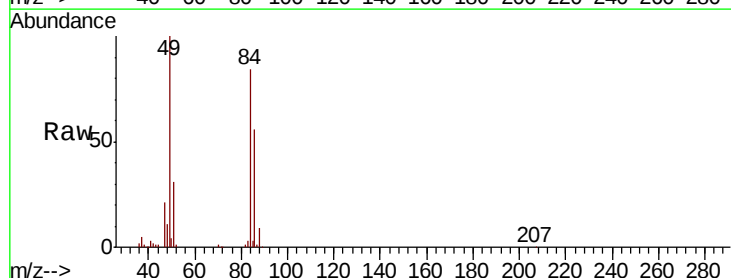
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

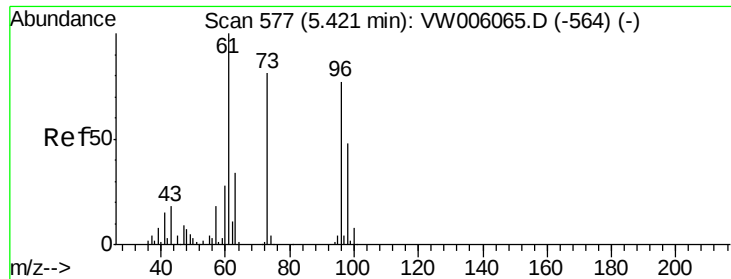
Tgt Ion: 73 Resp: 185430
Ion Ratio Lower Upper
73 100
57 22.6 17.4 26.2



#20
Methylene Chloride
Concen: 51.574 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006092.D
Acq: 16 Oct 2018 21:28

Tgt Ion: 84 Resp: 126455
Ion Ratio Lower Upper
84 100
49 118.4 93.6 140.4
51 36.4 29.0 43.4
86 66.2 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 51.827 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW006092.D

Acq: 16 Oct 2018 21:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

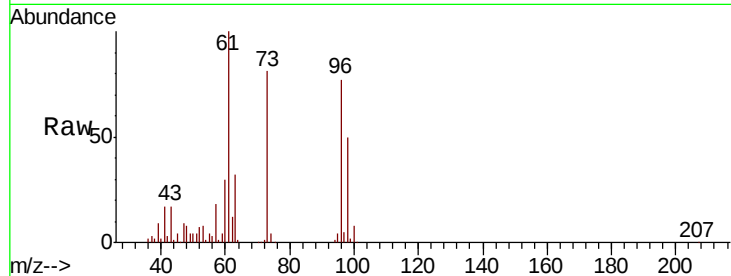
Tgt Ion: 96 Resp: 135232

Ion Ratio Lower Upper

96 100

61 129.9 104.5 156.7

98 65.0 50.6 75.8

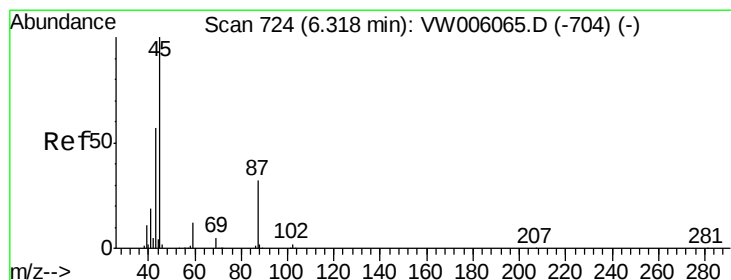
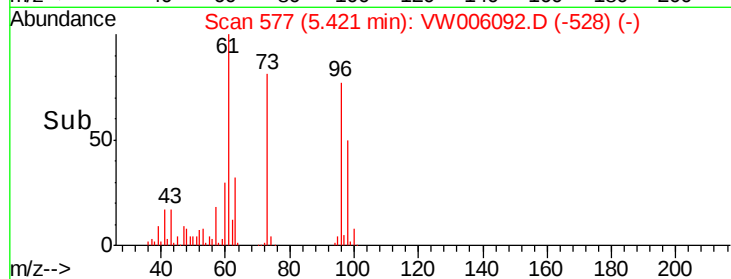
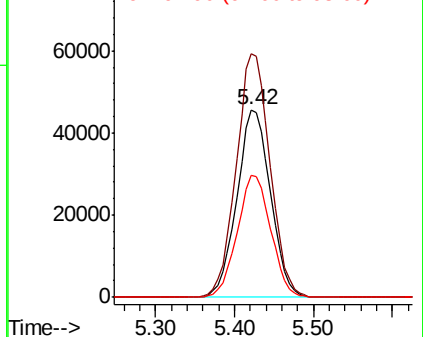


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 53.040 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW006092.D

Acq: 16 Oct 2018 21:28

Tgt Ion: 45 Resp: 350345

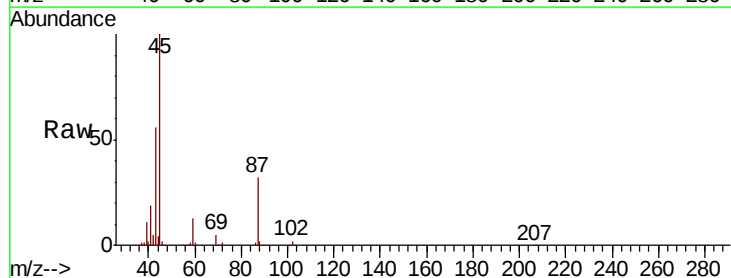
Ion Ratio Lower Upper

45 100

43 56.0 45.7 68.5

87 32.3 25.9 38.9

59 12.7 9.6 14.4



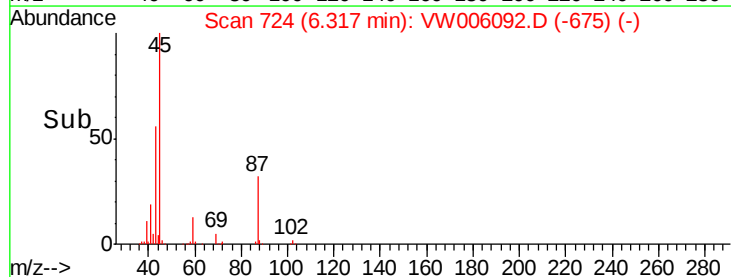
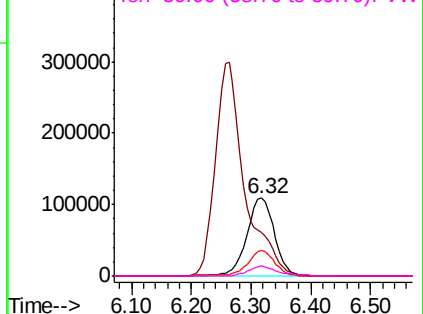
Abundance

Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 260.143 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW006092.D

Acq: 16 Oct 2018 21:28

Instrument :

MSVOA_W

ClientSampleId :

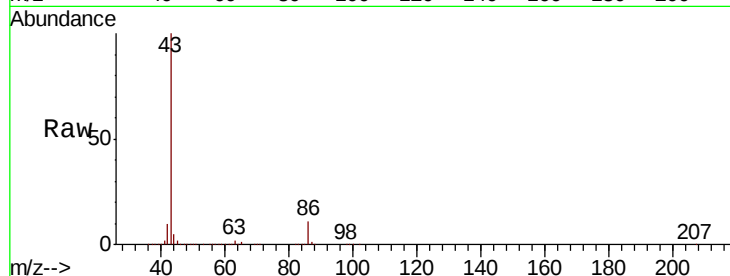
VSTDCCC050EC

Tgt Ion: 43 Resp: 1014069

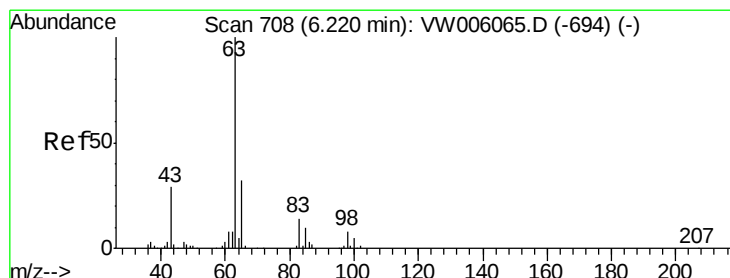
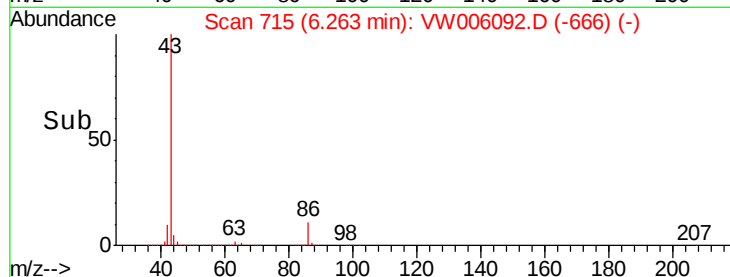
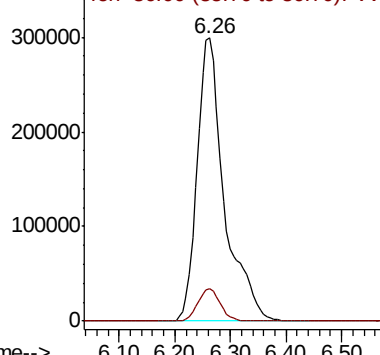
Ion Ratio Lower Upper

43 100

86 11.3 9.0 13.6



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



#24

1,1-Dichloroethane

Concen: 52.887 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW006092.D

Acq: 16 Oct 2018 21:28

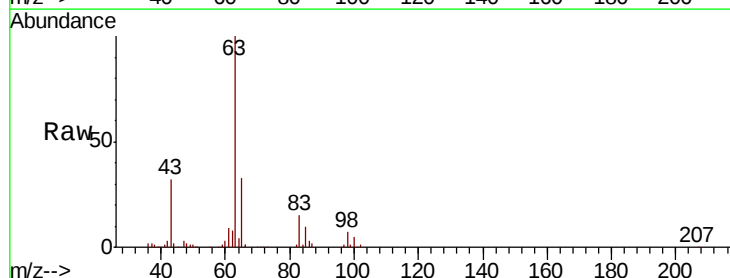
Tgt Ion: 63 Resp: 225412

Ion Ratio Lower Upper

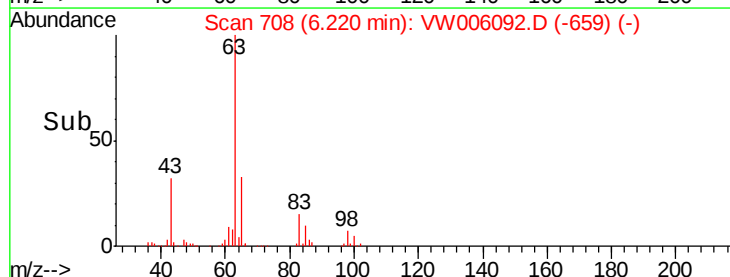
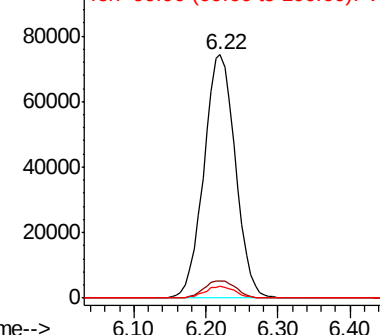
63 100

98 7.2 3.8 11.2

100 4.8 2.5 7.5



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: 241.878 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW006092.D

Acq: 16 Oct 2018 21:28

Instrument :

MSVOA_W

ClientSampleId :

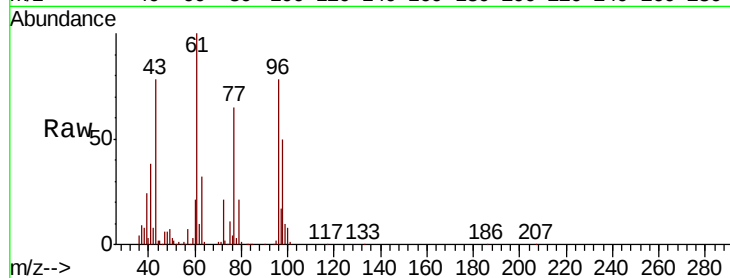
VSTDCCC050EC

Tgt Ion: 43 Resp: 151566

Ion Ratio Lower Upper

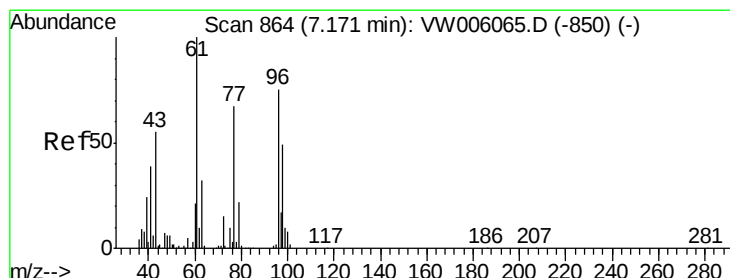
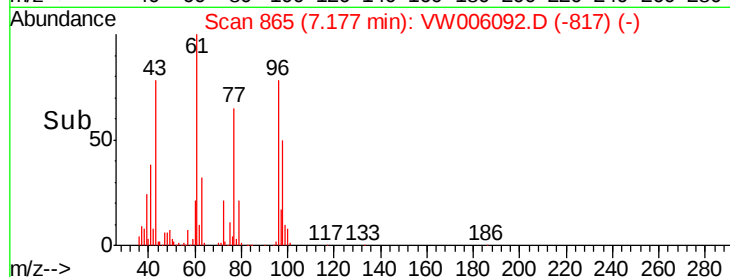
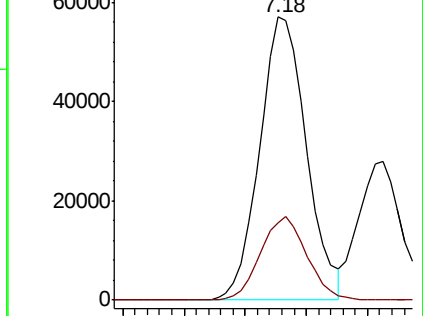
43 100

72 27.2 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 49.086 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006092.D

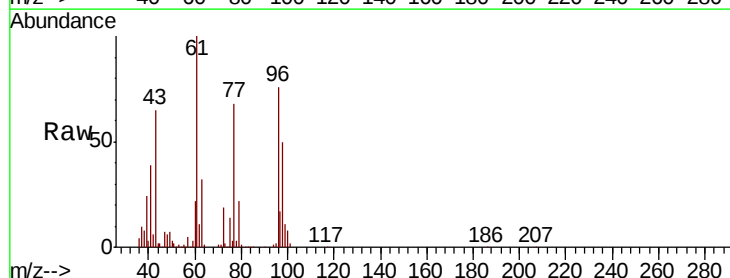
Acq: 16 Oct 2018 21:28

Tgt Ion: 77 Resp: 147555

Ion Ratio Lower Upper

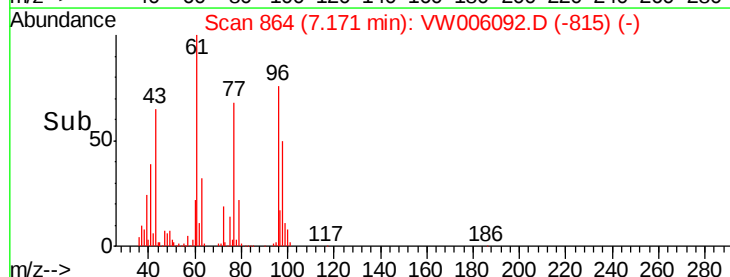
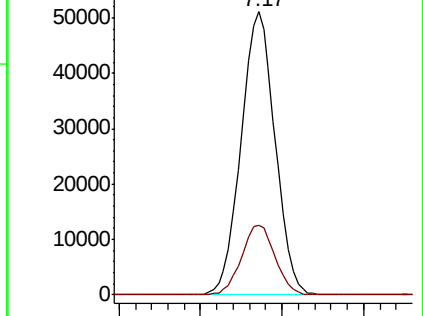
77 100

97 24.4 12.2 36.4



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



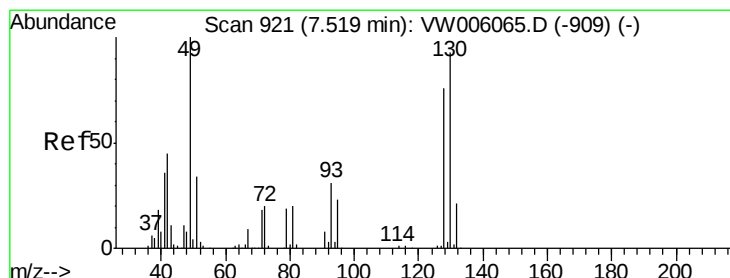
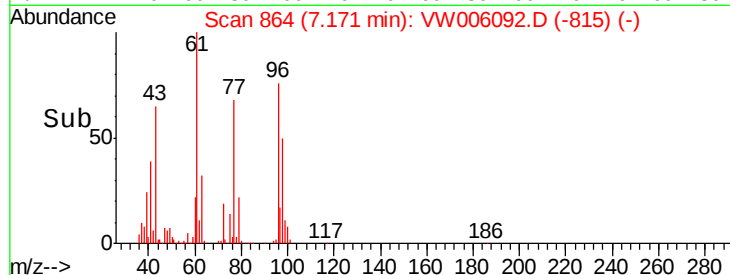
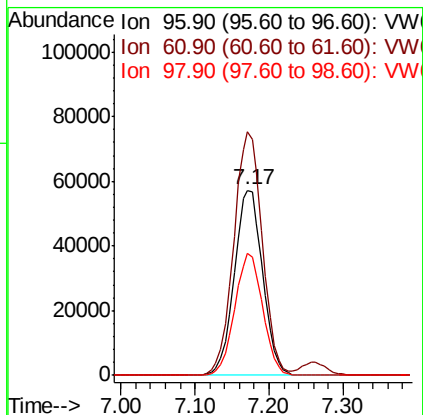
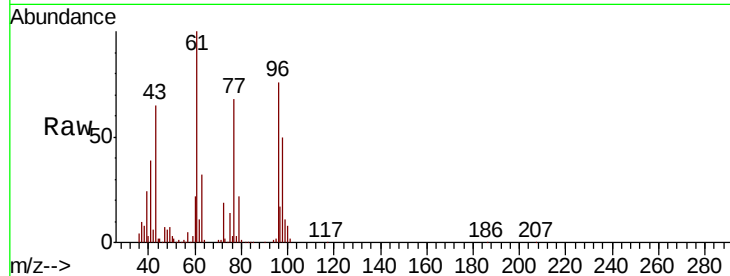


#27

cis-1,2-Dichloroethene
Concen: 53.017 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW006092.D
Acq: 16 Oct 2018 21:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

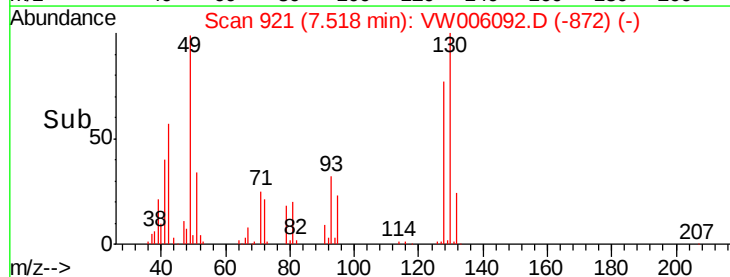
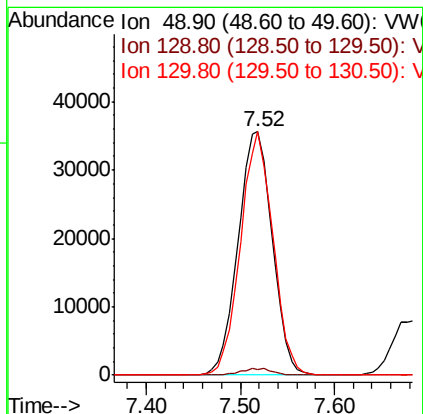
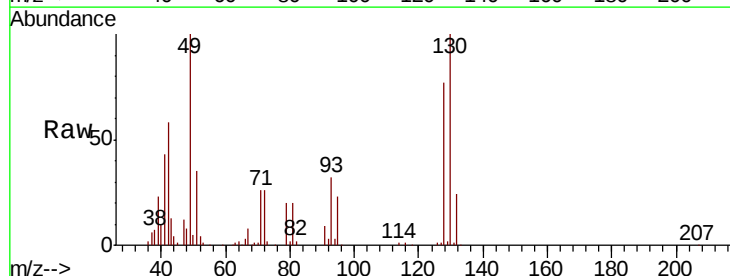
Tgt Ion: 96 Resp: 152660
Ion Ratio Lower Upper
96 100
61 132.8 0.0 267.2
98 65.0 0.0 128.6

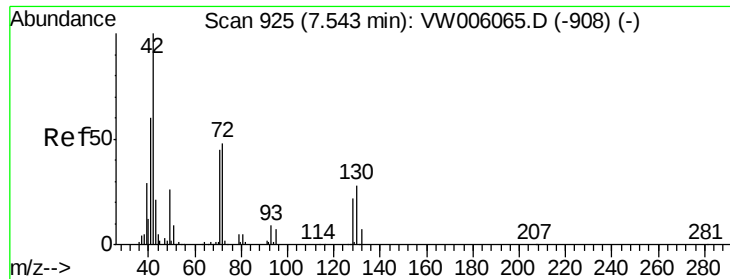


#28

Bromochloromethane
Concen: 54.728 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW006092.D
Acq: 16 Oct 2018 21:28

Tgt Ion: 49 Resp: 90052
Ion Ratio Lower Upper
49 100
129 2.5 0.0 5.0
130 94.7 73.8 110.8





#29

Tetrahydrofuran

Concen: 254.830 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.01 min

Lab File: VW006092.D

Acq: 16 Oct 2018 21:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

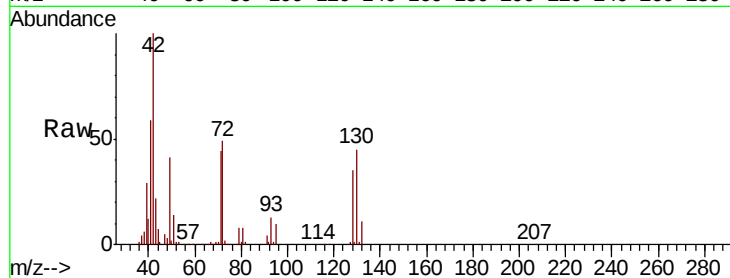
Tgt Ion: 42 Resp: 98153

Ion Ratio Lower Upper

42 100

72 48.0 38.0 57.0

71 45.0 35.3 52.9

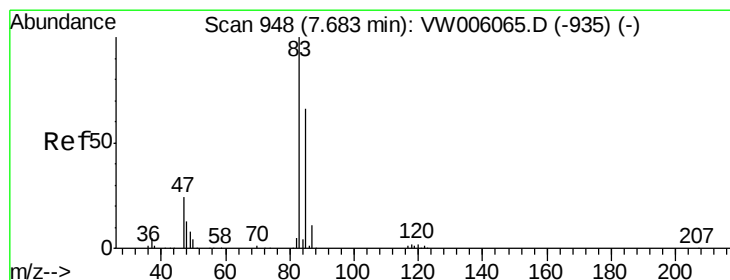
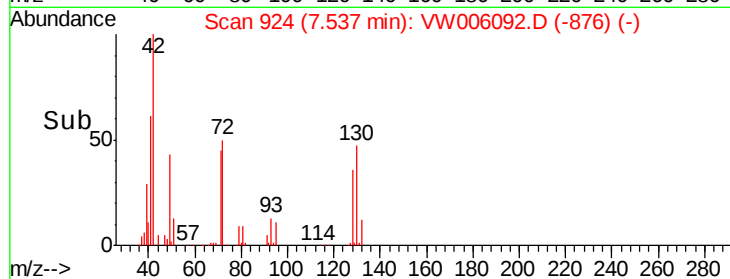
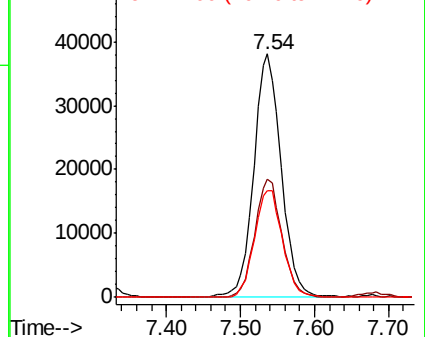


Abundance

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: 52.708 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.01 min

Lab File: VW006092.D

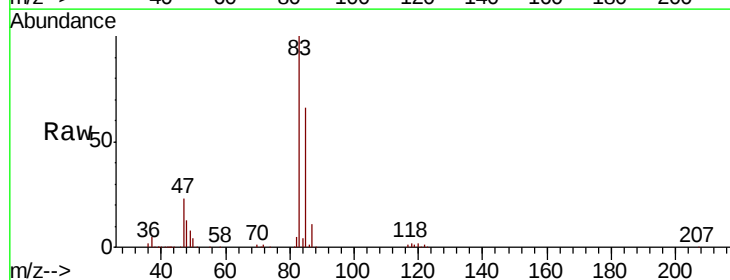
Acq: 16 Oct 2018 21:28

Tgt Ion: 83 Resp: 244756

Ion Ratio Lower Upper

83 100

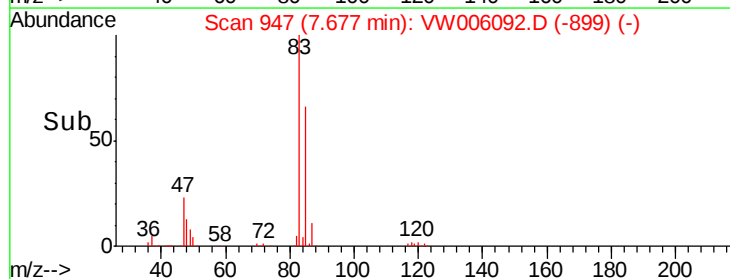
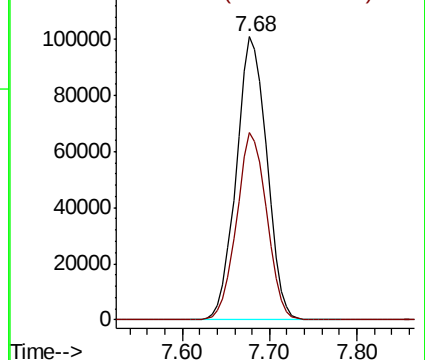
85 66.0 52.6 79.0

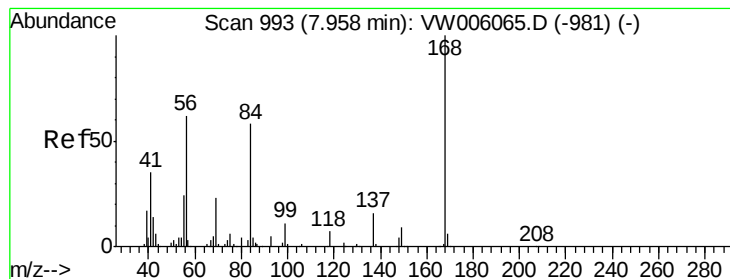


Abundance

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 47.168 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW006092.D

Acq: 16 Oct 2018 21:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

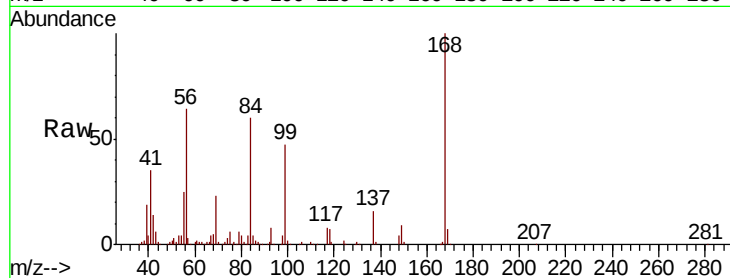
Tgt Ion: 56 Resp: 200202

Ion Ratio Lower Upper

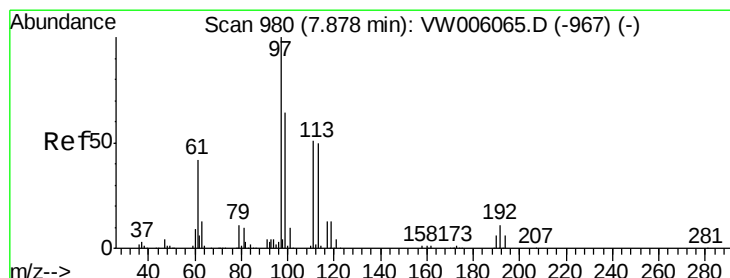
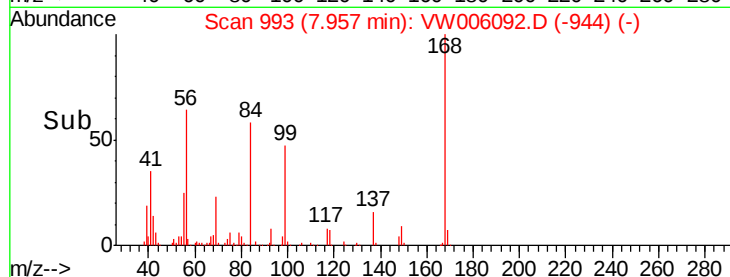
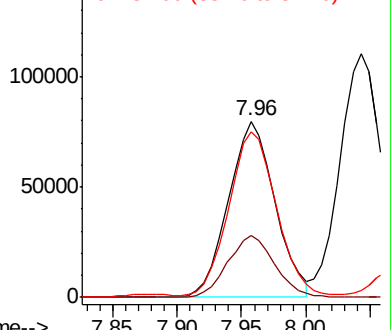
56 100

69 35.3 29.4 44.0

84 92.1 74.0 111.0



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: 51.679 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW006092.D

Acq: 16 Oct 2018 21:28

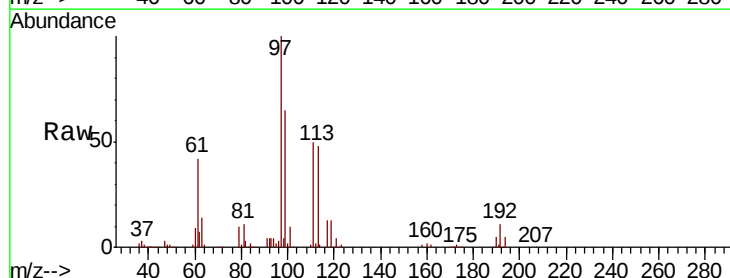
Tgt Ion: 97 Resp: 216473

Ion Ratio Lower Upper

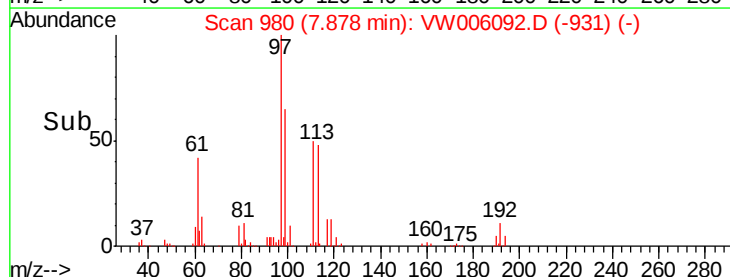
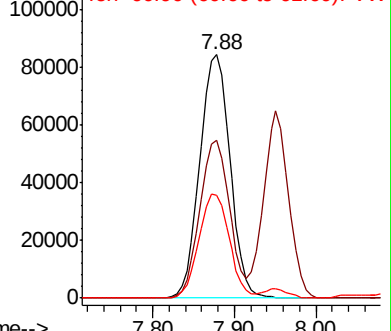
97 100

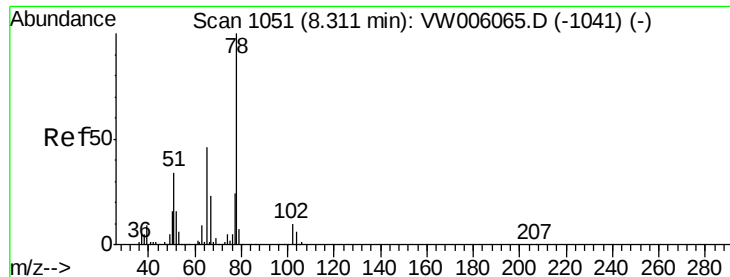
99 64.1 50.9 76.3

61 43.1 33.7 50.5



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: 50.036 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006092.D

Acq: 16 Oct 2018 21:28

Instrument :

MSVOA_W

ClientSampleId :

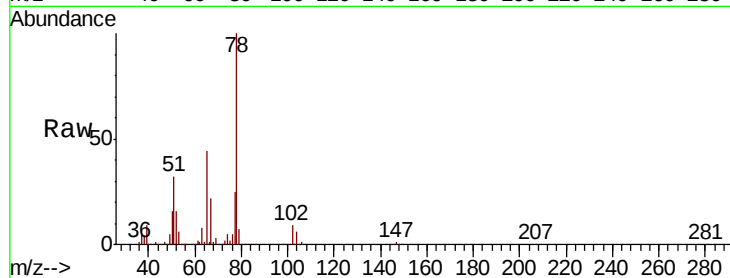
VSTDCCC050EC

Tgt Ion: 65 Resp: 116060

Ion Ratio Lower Upper

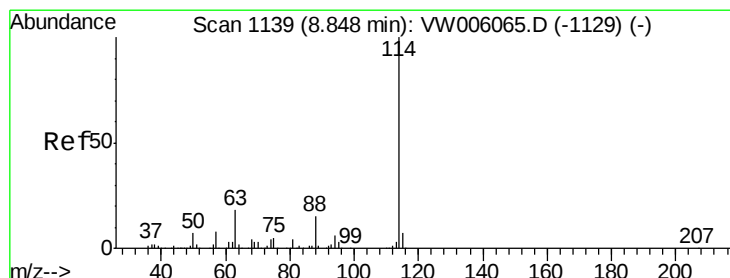
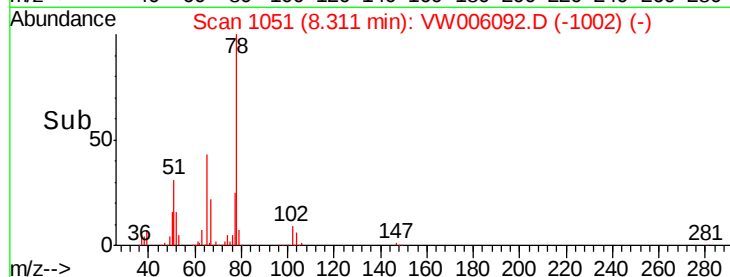
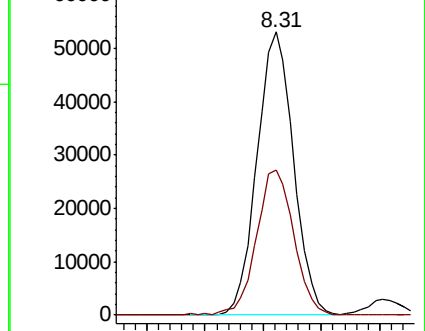
65 100

67 52.4 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW006092.D

Acq: 16 Oct 2018 21:28

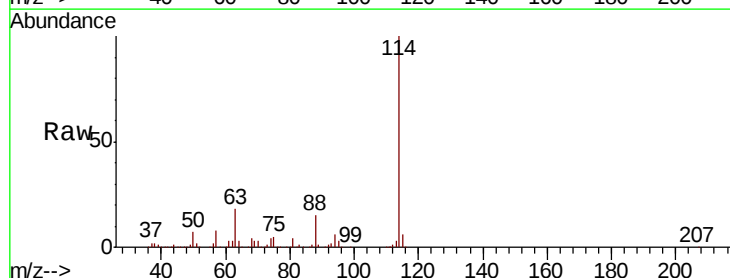
Tgt Ion: 114 Resp: 407950

Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.8

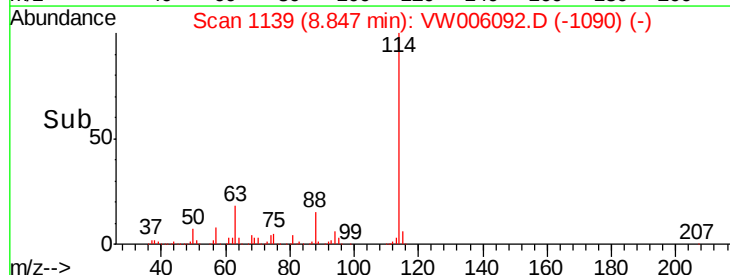
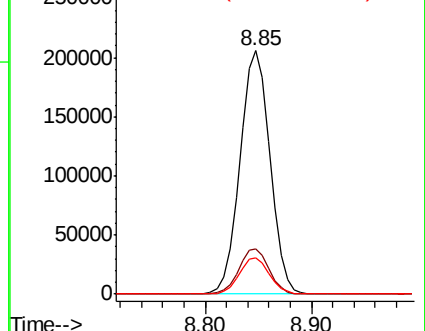
88 15.1 0.0 29.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

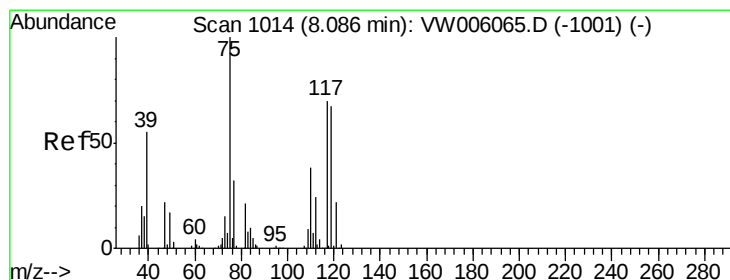
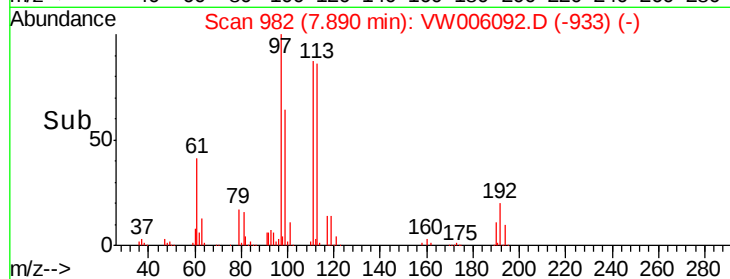
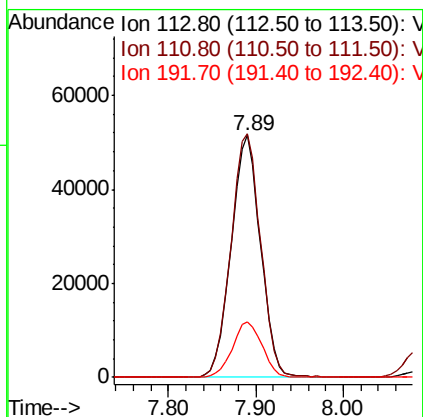
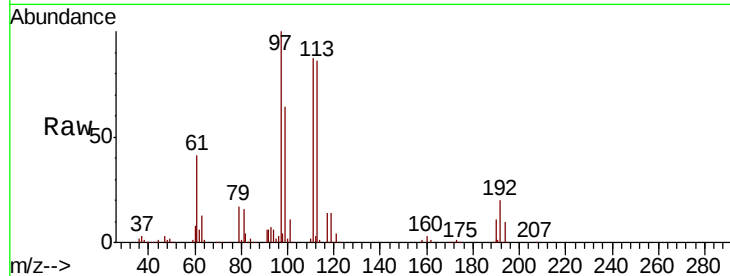




#35
 Dibromofluoromethane
 Concen: 49.765 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006092.D
 Acq: 16 Oct 2018 21:28

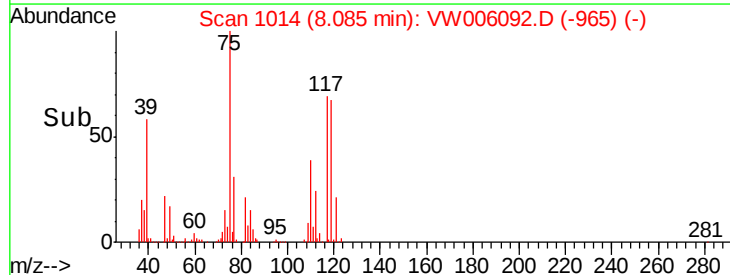
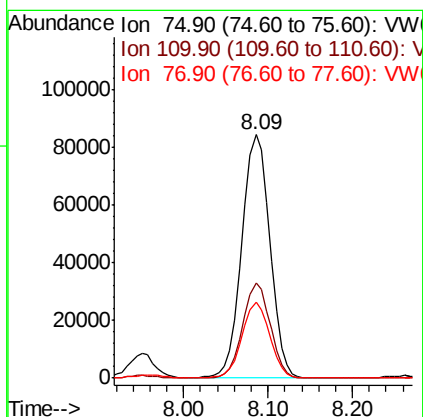
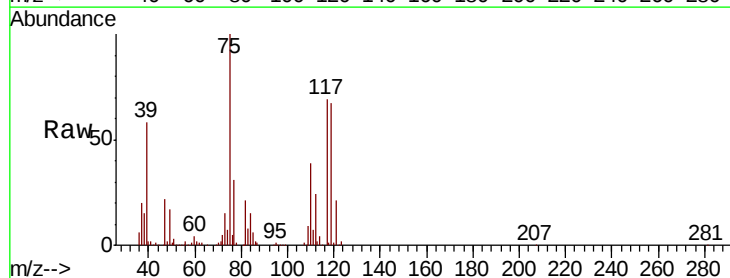
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

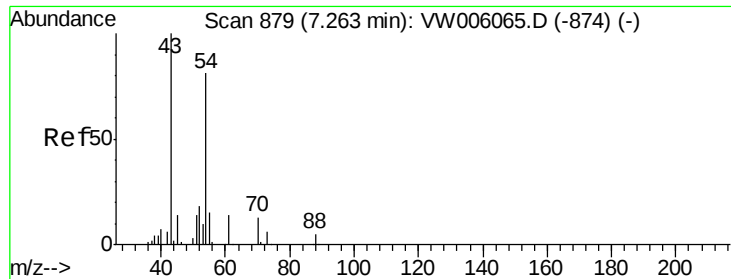
Tgt Ion: 113 Resp: 119961
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.4 122.0
 192 23.2 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 50.577 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW006092.D
 Acq: 16 Oct 2018 21:28

Tgt Ion: 75 Resp: 190177
 Ion Ratio Lower Upper
 75 100
 110 38.0 19.1 57.1
 77 31.0 25.0 37.4

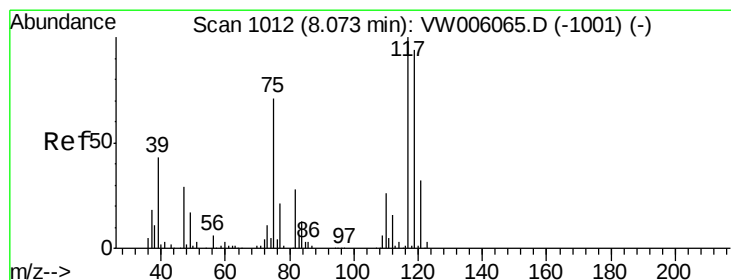
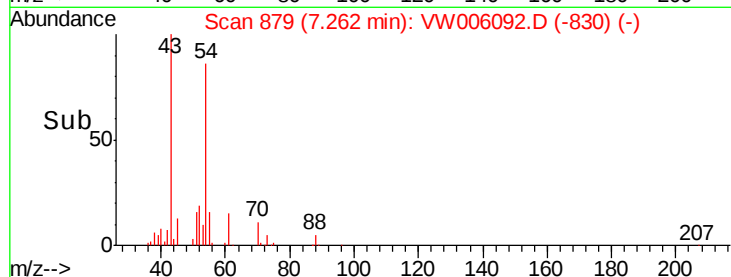
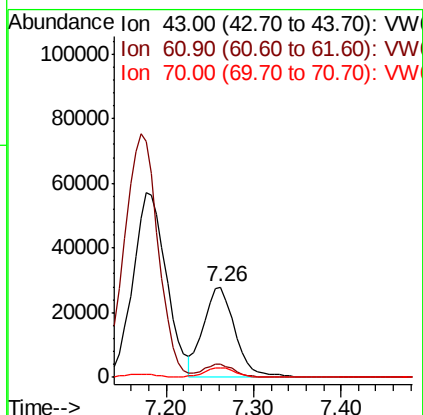
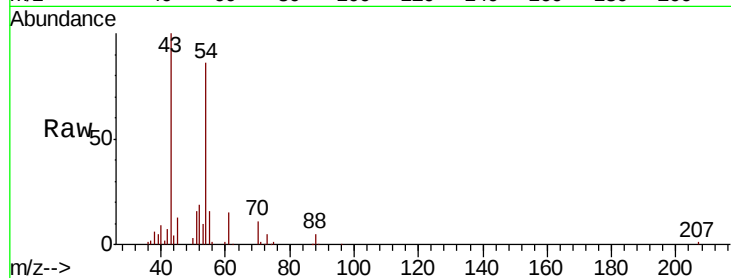




#37
Ethyl Acetate
Concen: 49.981 ug/l
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: VW006092.D
Acq: 16 Oct 2018 21:28

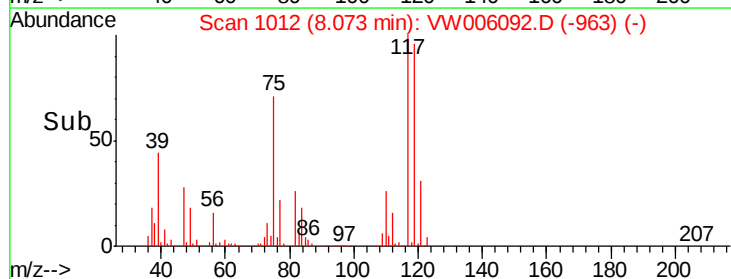
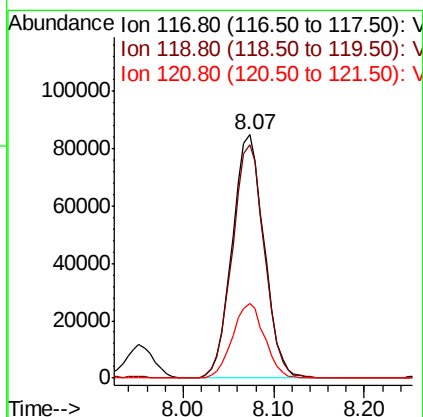
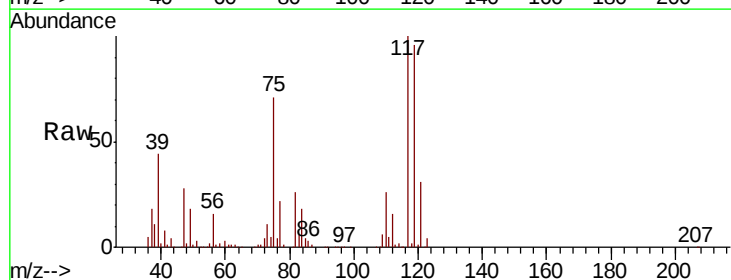
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

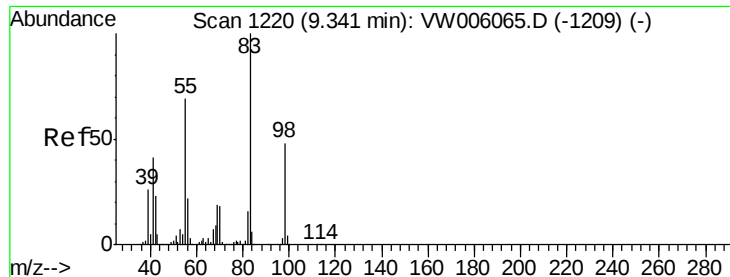
Tgt Ion: 43 Resp: 69825
Ion Ratio Lower Upper
43 100
61 13.9 11.5 17.3
70 10.9 9.2 13.8



#38
Carbon Tetrachloride
Concen: 50.240 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW006092.D
Acq: 16 Oct 2018 21:28

Tgt Ion: 117 Resp: 207092
Ion Ratio Lower Upper
117 100
119 95.9 75.2 112.8
121 30.9 25.3 37.9

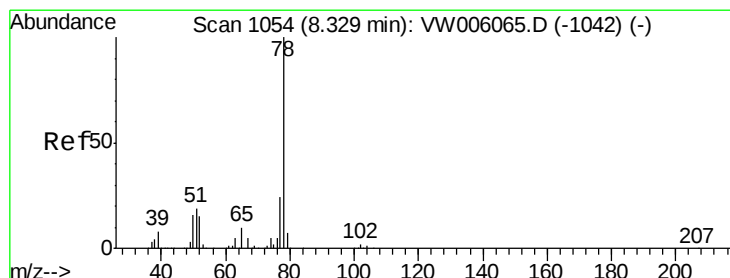
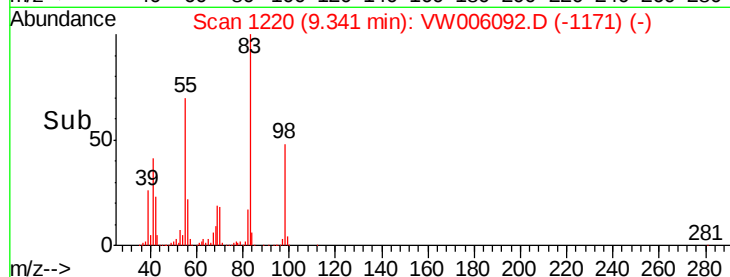
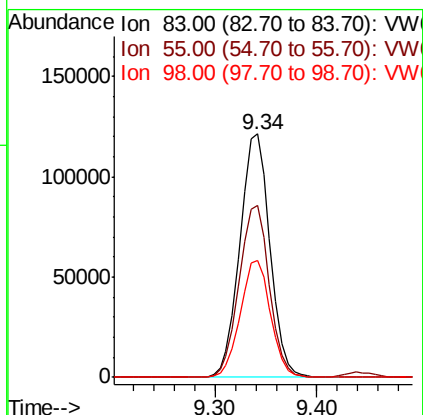
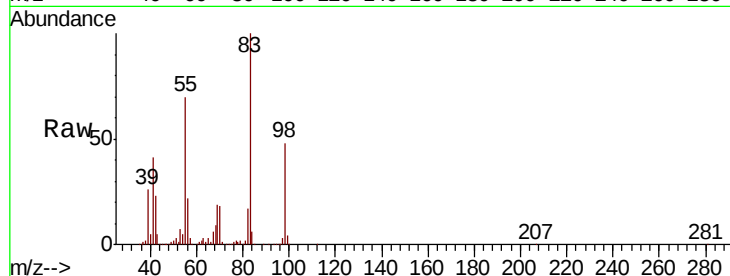




#39
Methylcyclohexane
Concen: 49.730 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW006092.D
Acq: 16 Oct 2018 21:28

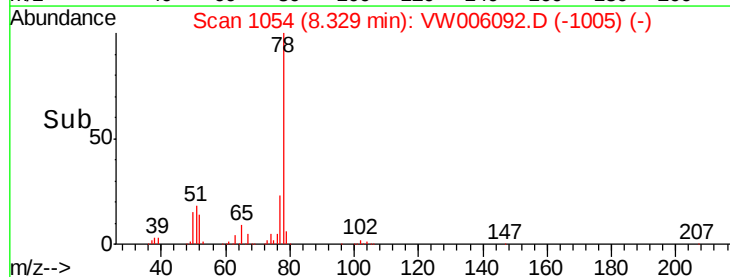
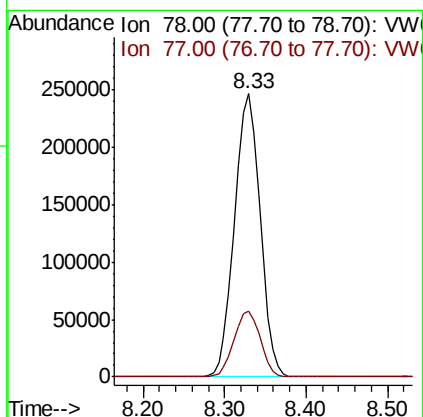
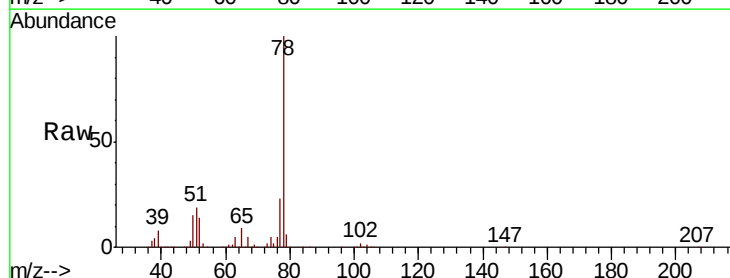
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

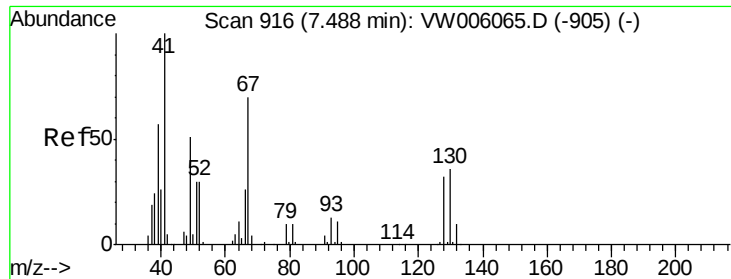
Tgt Ion: 83 Resp: 248562
Ion Ratio Lower Upper
83 100
55 70.4 55.0 82.6
98 47.8 38.6 57.8



#40
Benzene
Concen: 51.992 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006092.D
Acq: 16 Oct 2018 21:28

Tgt Ion: 78 Resp: 536264
Ion Ratio Lower Upper
78 100
77 23.3 19.4 29.0

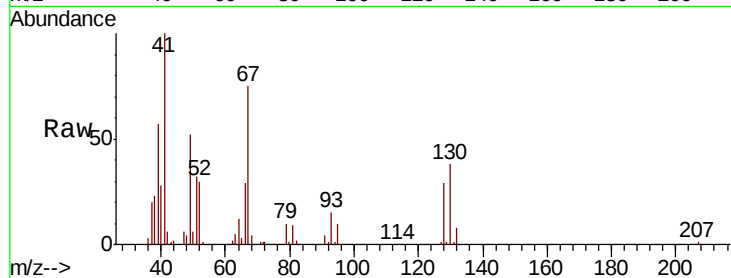




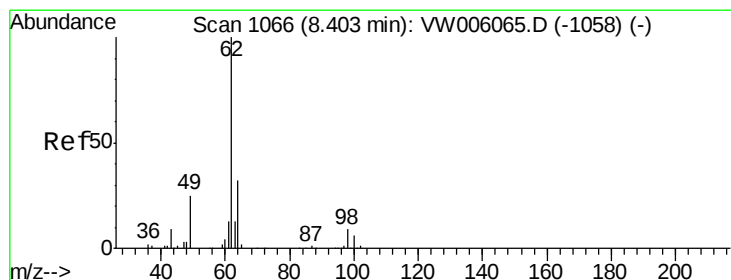
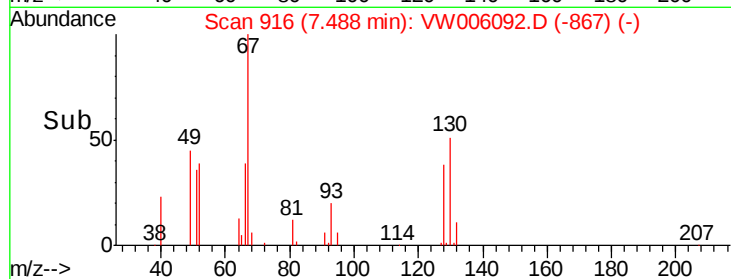
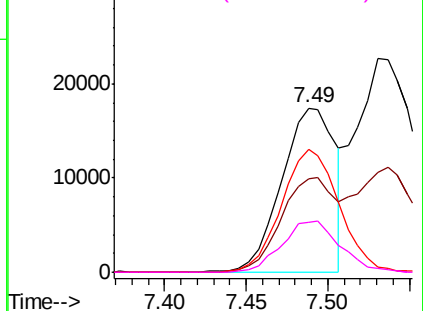
#41
Methacrylonitrile
Concen: 47.256 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW006092.D
Acq: 16 Oct 2018 21:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	39799
Ion	Ratio	Lower	Upper
41	100		
39	58.0	46.2	69.4
67	80.4	57.7	86.5
52	34.1	24.7	37.1

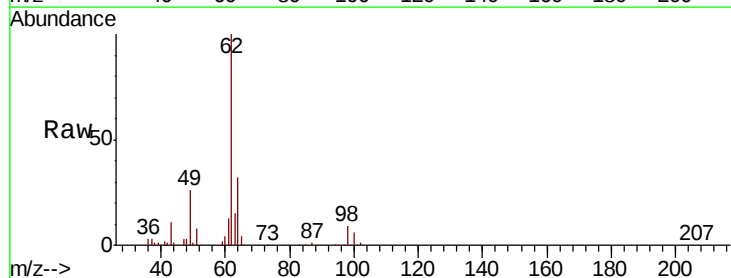


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

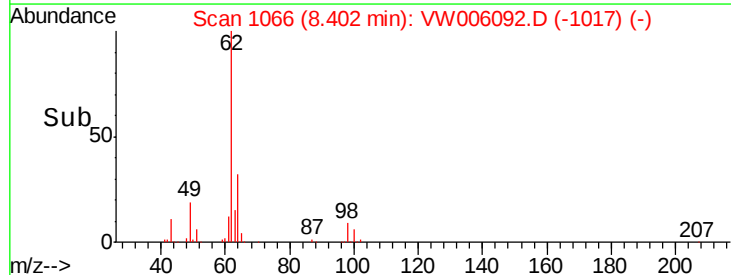
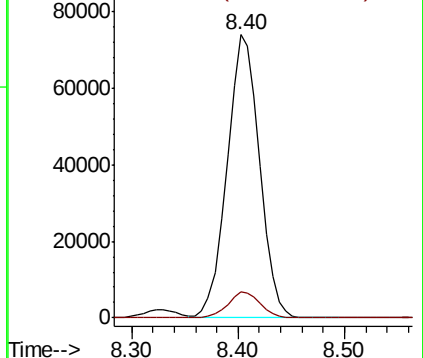


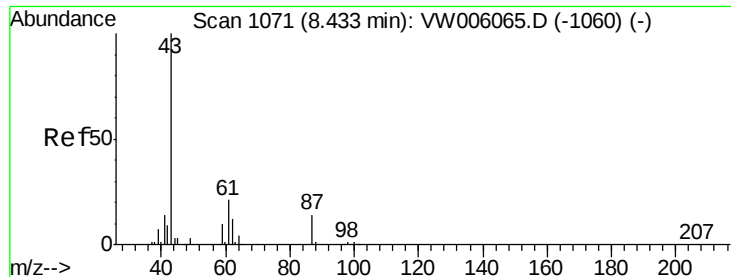
#42
1,2-Dichloroethane
Concen: 52.069 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006092.D
Acq: 16 Oct 2018 21:28

Tgt Ion:	62	Resp:	157787
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.4



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





#43

Isopropyl Acetate

Concen: 50.756 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW006092.D

Acq: 16 Oct 2018 21:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

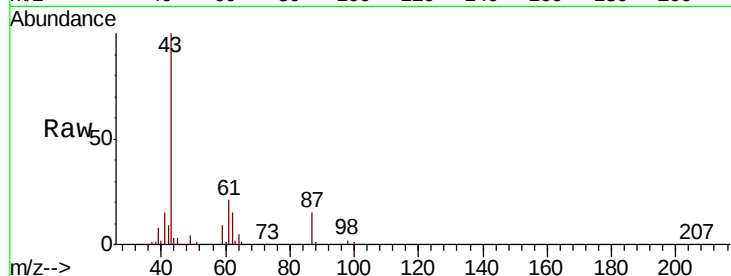
Tgt Ion: 43 Resp: 144982

Ion Ratio Lower Upper

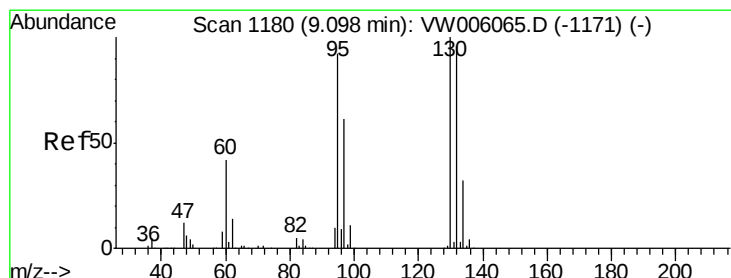
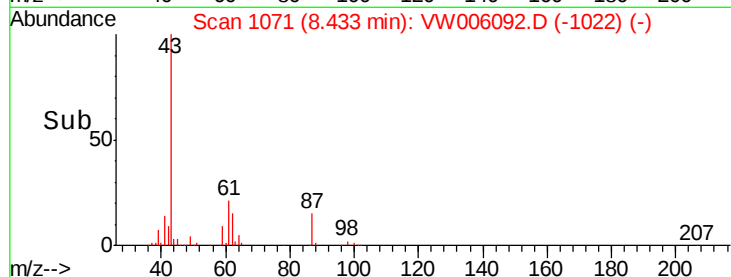
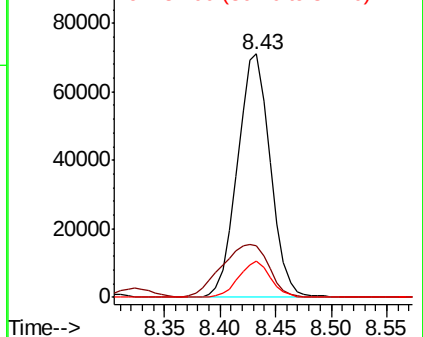
43 100

61 31.6 25.5 38.3

87 14.3 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 51.312 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW006092.D

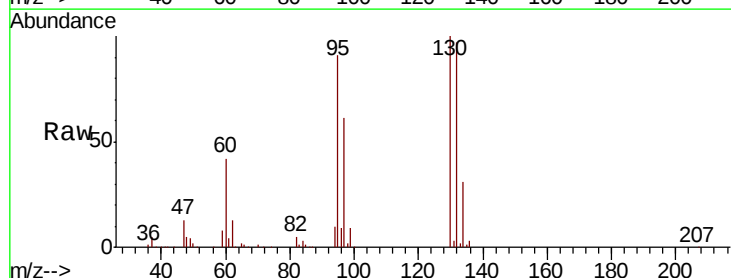
Acq: 16 Oct 2018 21:28

Tgt Ion: 130 Resp: 162373

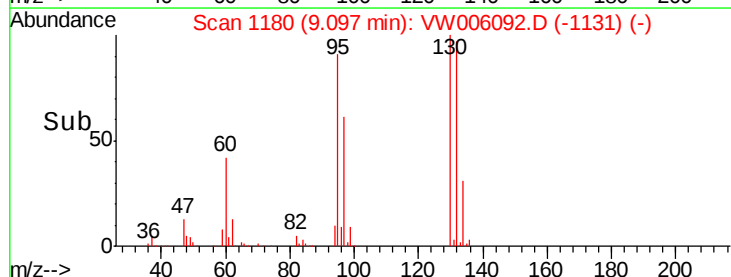
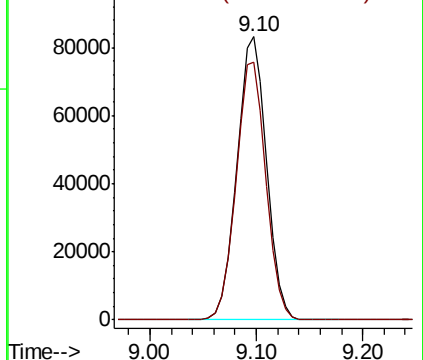
Ion Ratio Lower Upper

130 100

95 91.0 0.0 183.2



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

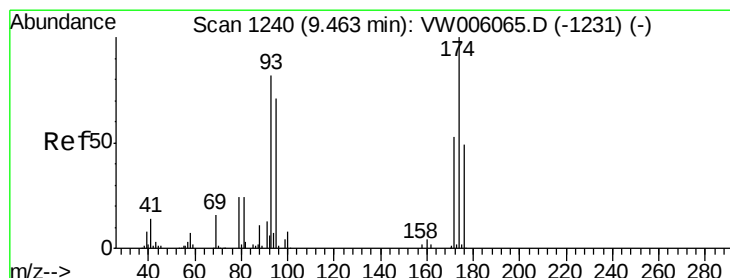
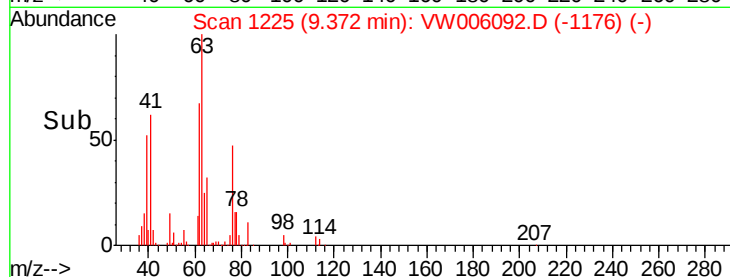
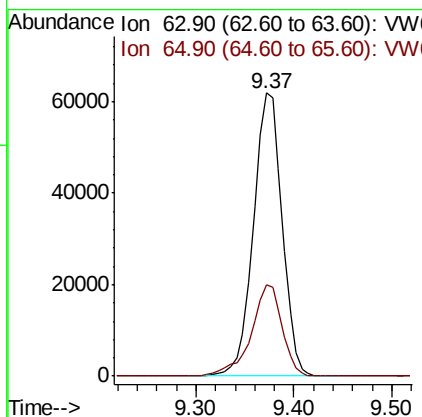
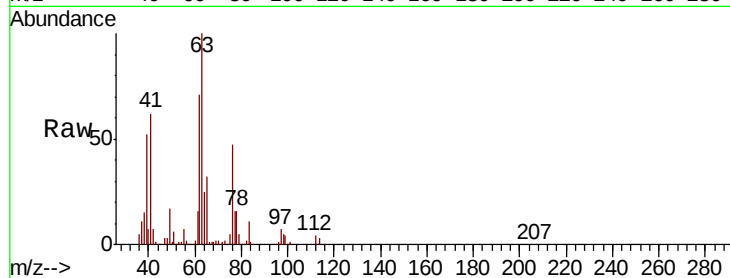




#45
 1,2-Dichloropropane
 Concen: 51.015 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006092.D
 Acq: 16 Oct 2018 21:28

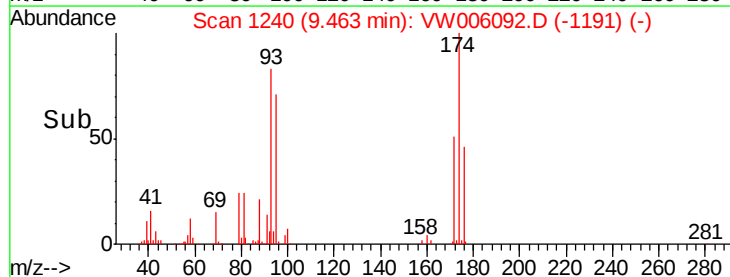
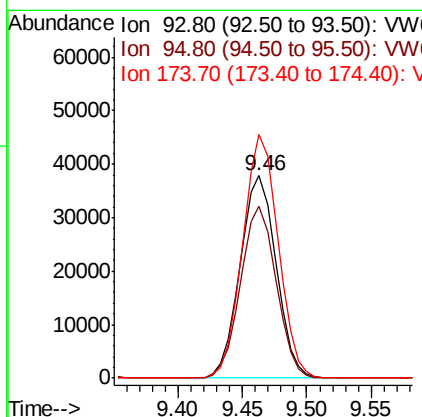
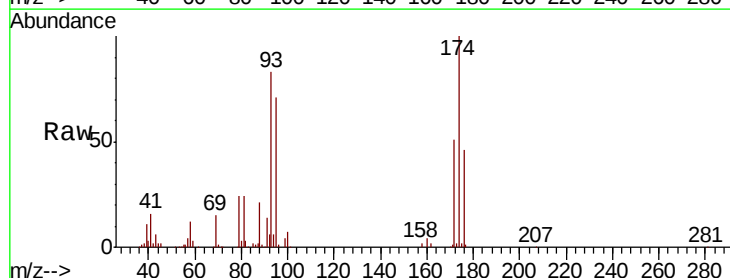
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 125914
 Ion Ratio Lower Upper
 63 100
 65 32.2 25.4 38.0



#46
 Dibromomethane
 Concen: 52.072 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW006092.D
 Acq: 16 Oct 2018 21:28

Tgt Ion: 93 Resp: 73252
 Ion Ratio Lower Upper
 93 100
 95 84.1 67.7 101.5
 174 118.4 93.7 140.5





#47

Bromodichloromethane

Concen: 52.539 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006092.D

Acq: 16 Oct 2018 21:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

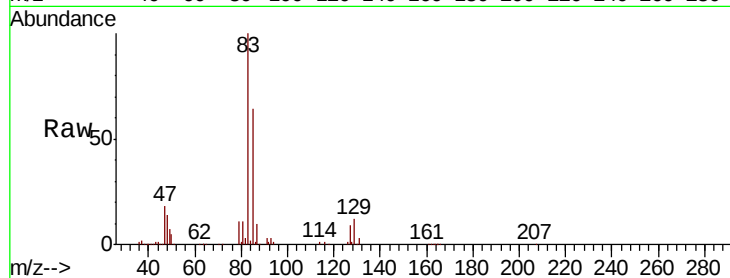
Tgt Ion: 83 Resp: 179189

Ion Ratio Lower Upper

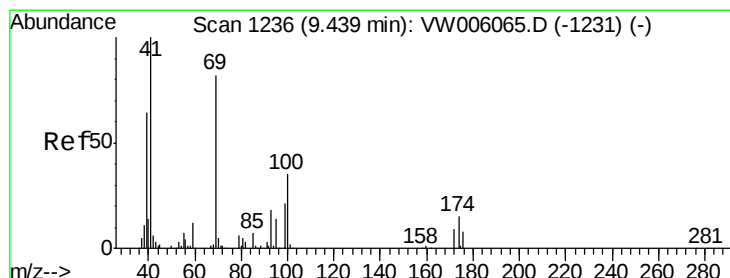
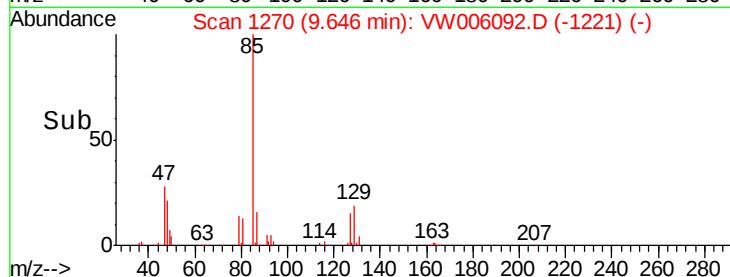
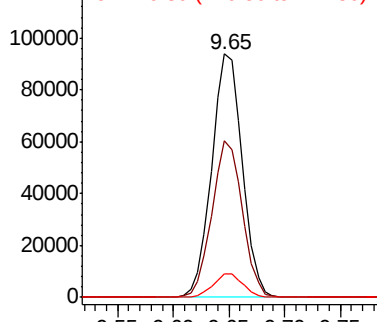
83 100

85 64.4 51.8 77.8

127 9.5 6.9 10.3



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



#48

Methyl methacrylate

Concen: 51.095 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW006092.D

Acq: 16 Oct 2018 21:28

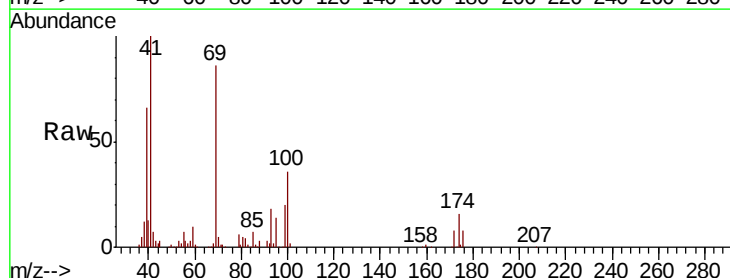
Tgt Ion: 41 Resp: 69183

Ion Ratio Lower Upper

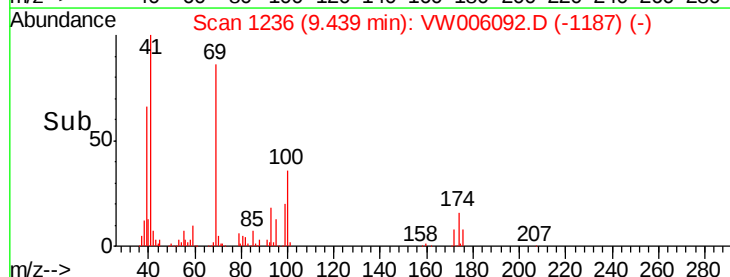
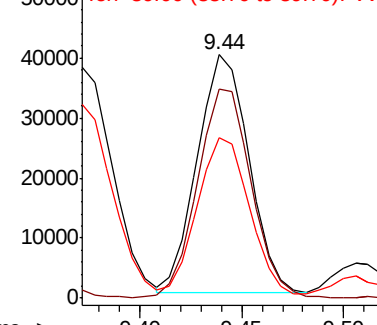
41 100

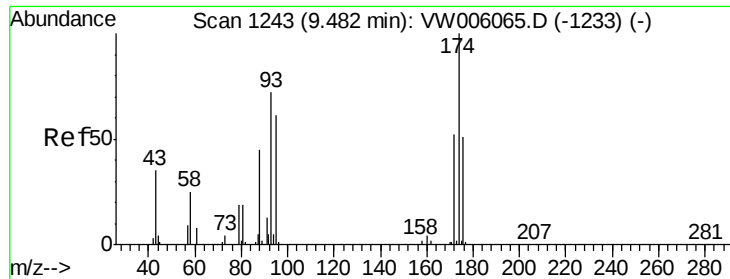
69 92.0 71.8 107.8

39 65.9 52.5 78.7



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

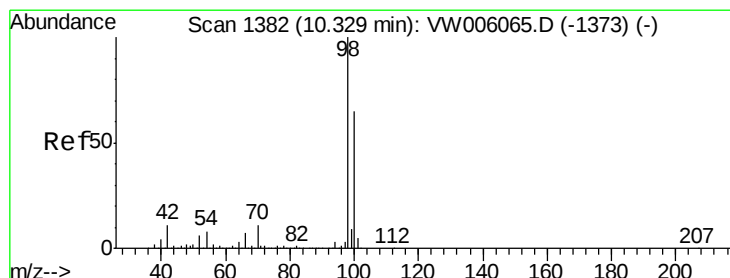
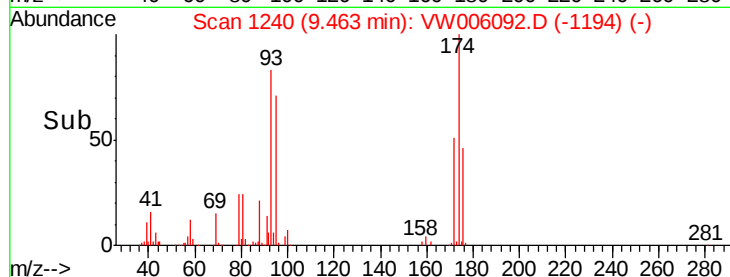
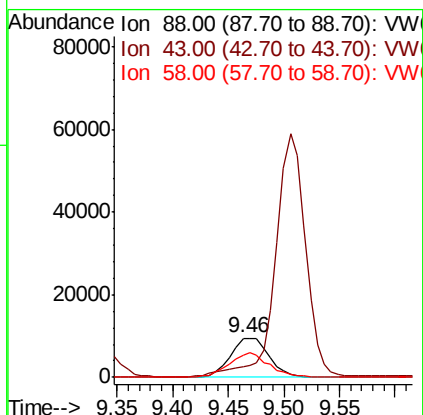
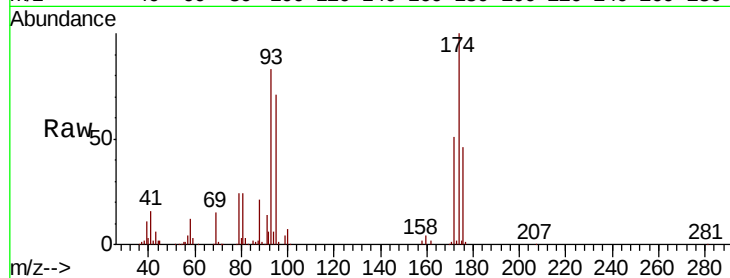




#49
1,4-Dioxane
Concen: 1056.417 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. -0.02 min
Lab File: VW006092.D
Acq: 16 Oct 2018 21:28

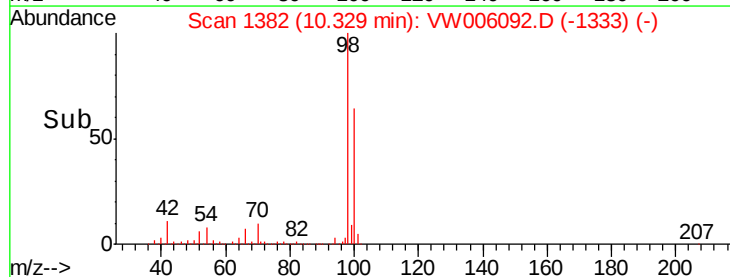
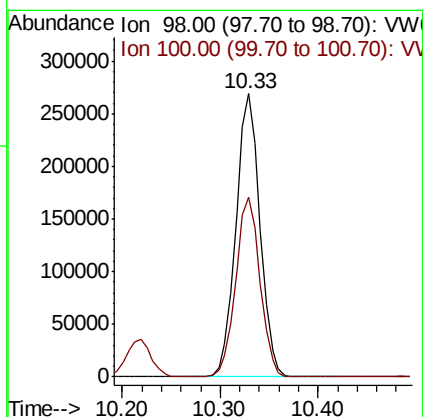
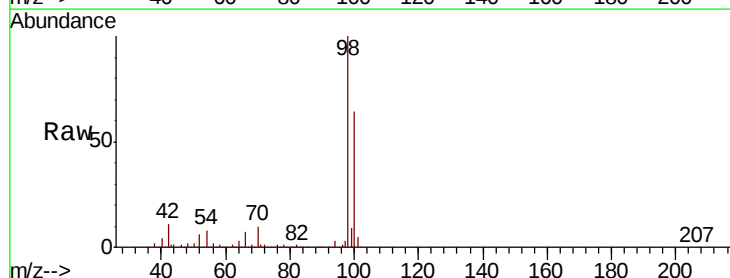
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

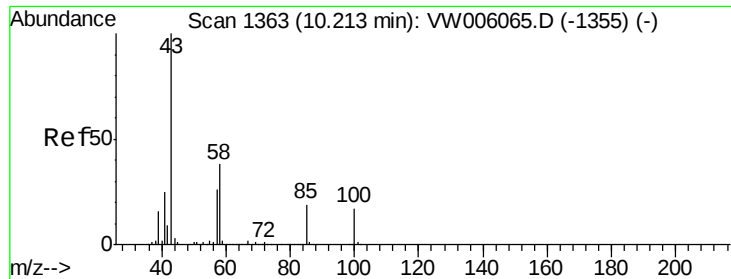
Tgt Ion: 88 Resp: 22878
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 64.4 51.2 76.8



#50
Toluene-d8
Concen: 49.848 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006092.D
Acq: 16 Oct 2018 21:28

Tgt Ion: 98 Resp: 457156
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4

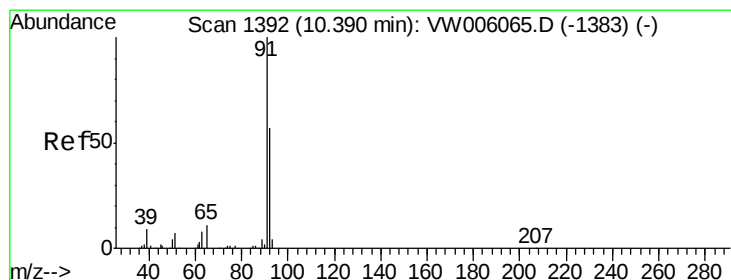
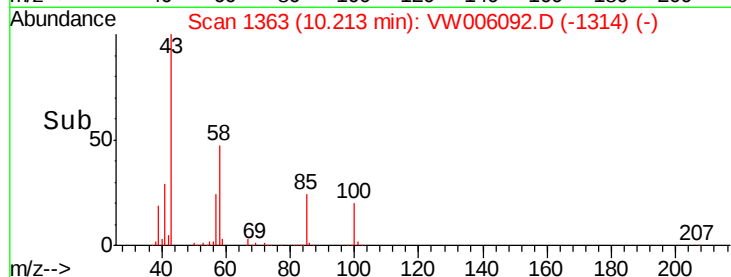
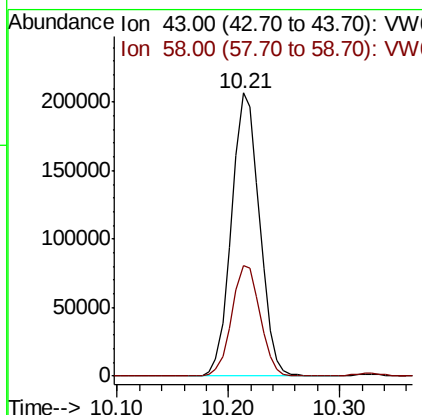
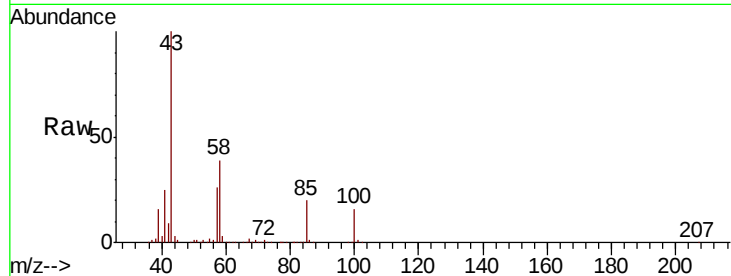




#51
 4-Methyl-2-Pentanone
 Concen: 251.980 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW006092.D
 Acq: 16 Oct 2018 21:28

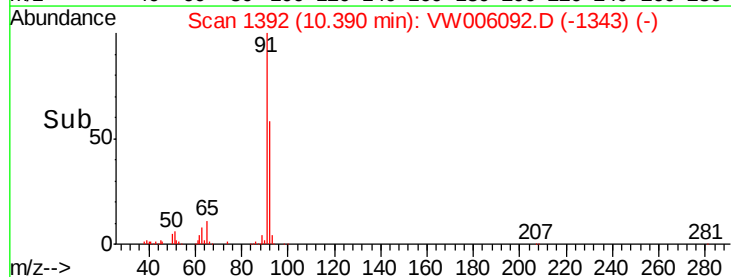
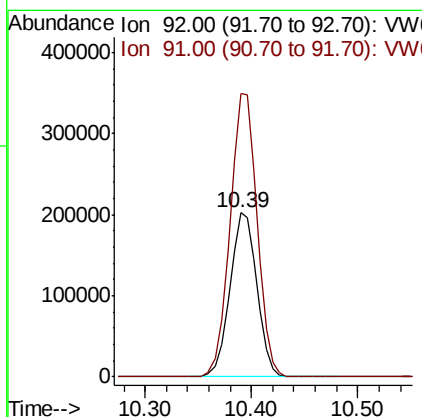
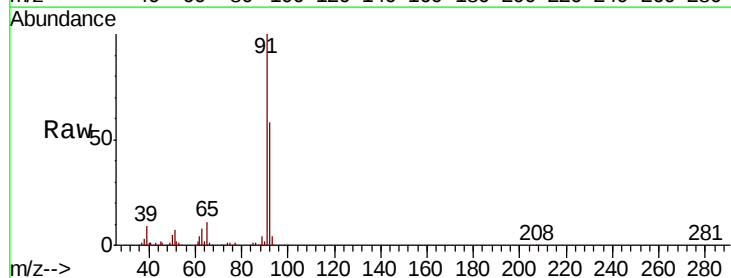
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

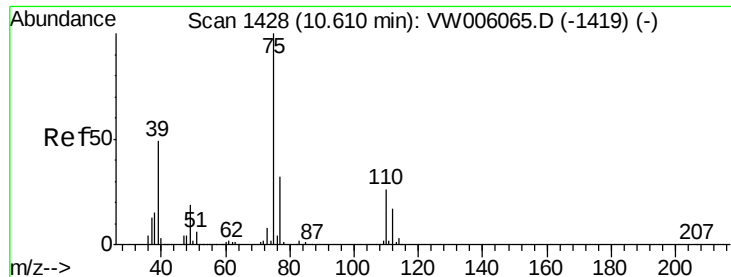
Tgt Ion: 43 Resp: 360632
 Ion Ratio Lower Upper
 43 100
 58 39.4 31.5 47.3



#52
 Toluene
 Concen: 51.815 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW006092.D
 Acq: 16 Oct 2018 21:28

Tgt Ion: 92 Resp: 358299
 Ion Ratio Lower Upper
 92 100
 91 173.9 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 52.028 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006092.D

Acq: 16 Oct 2018 21:28

Instrument :

MSVOA_W

ClientSampleId :

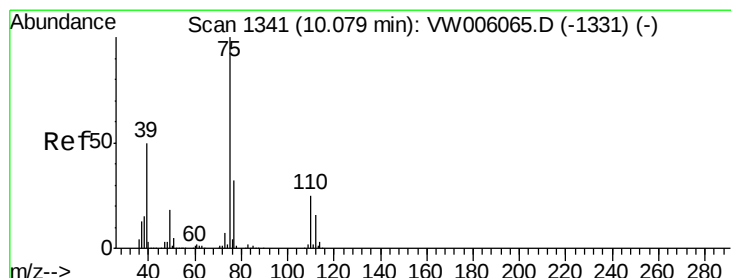
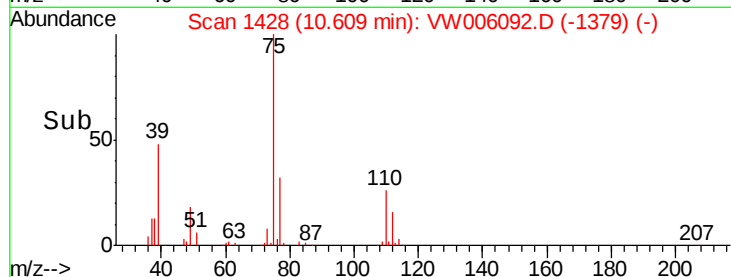
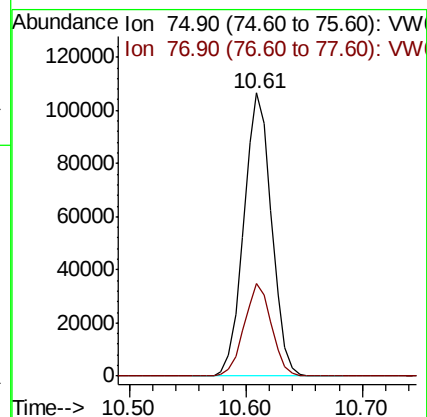
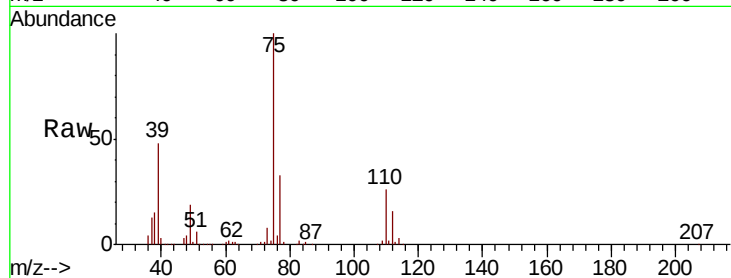
VSTDCCC050EC

Tgt Ion: 75 Resp: 176792

Ion Ratio Lower Upper

75 100

77 32.6 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 52.030 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW006092.D

Acq: 16 Oct 2018 21:28

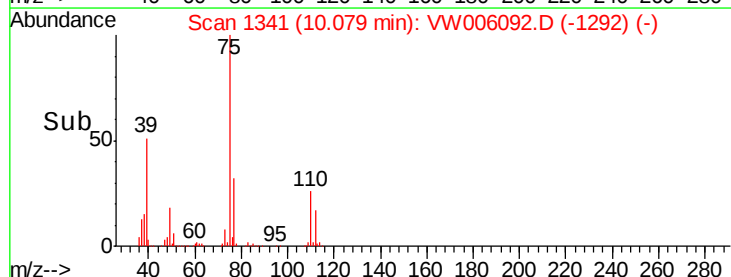
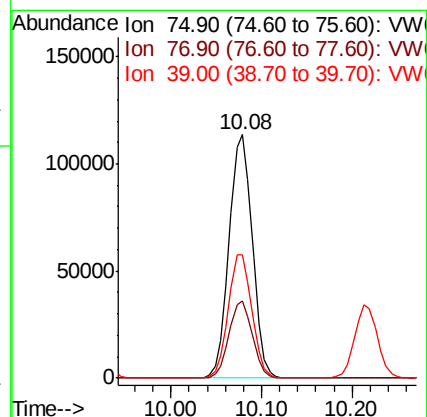
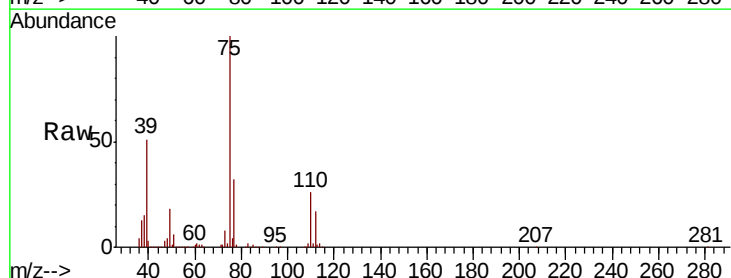
Tgt Ion: 75 Resp: 202910

Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8

39 50.7 39.9 59.9

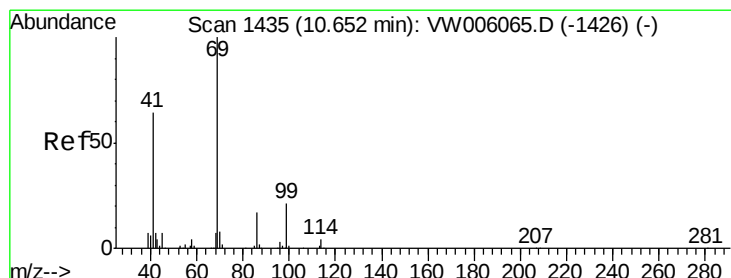
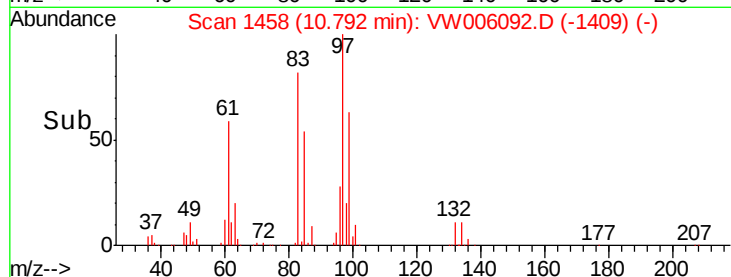
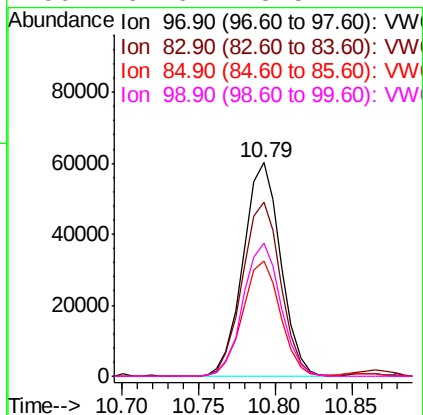
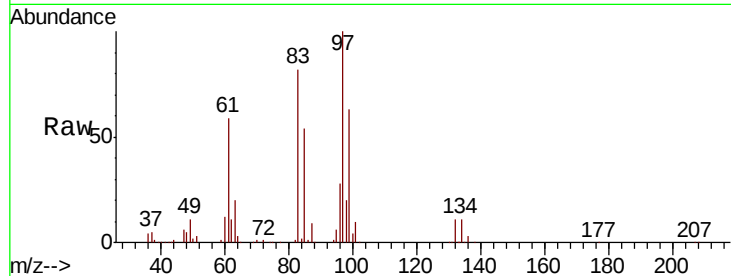




#55
 1,1,2-Trichloroethane
 Concen: 52.219 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW006092.D
 Acq: 16 Oct 2018 21:28

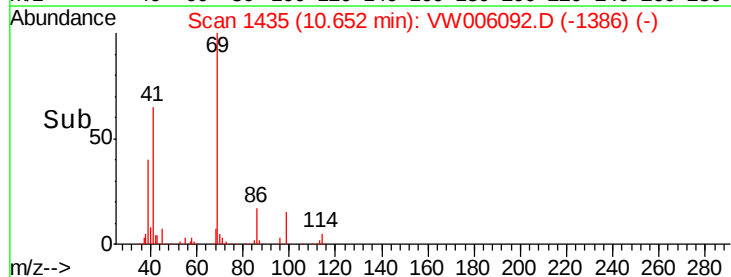
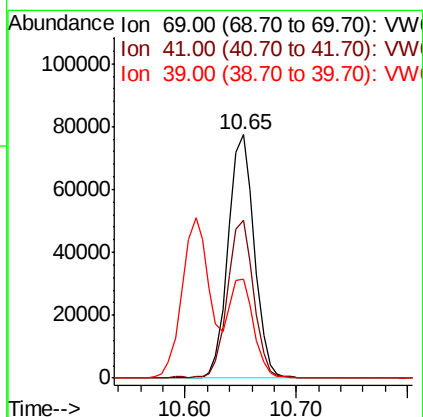
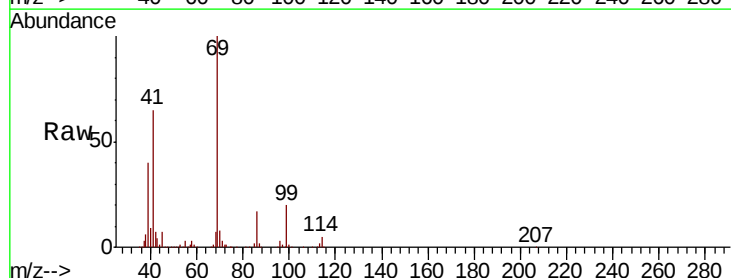
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

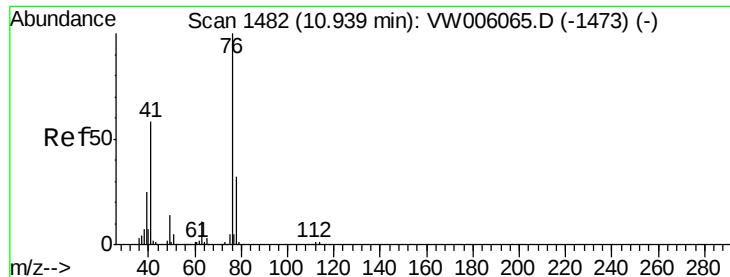
Tgt Ion:	97	Resp:	102798
Ion	Ratio	Lower	Upper
97	100		
83	81.7	67.2	100.8
85	54.2	43.7	65.5
99	62.6	48.5	72.7



#56
 Ethyl methacrylate
 Concen: 51.993 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW006092.D
 Acq: 16 Oct 2018 21:28

Tgt Ion:	69	Resp:	125477
Ion	Ratio	Lower	Upper
69	100		
41	64.5	52.8	79.2
39	37.3	30.6	45.8

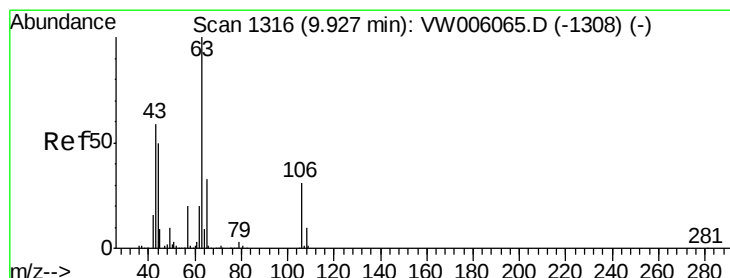
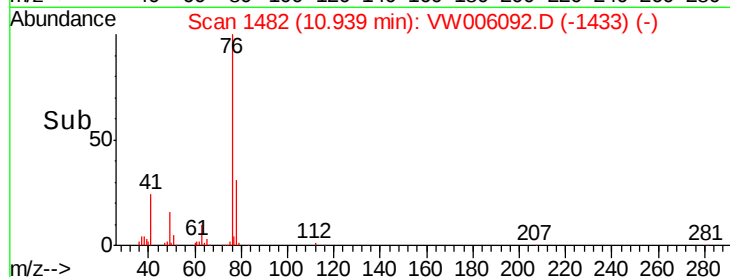
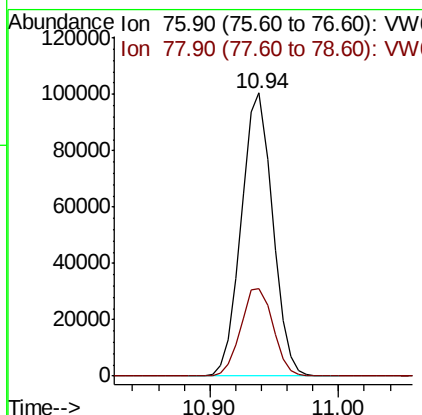
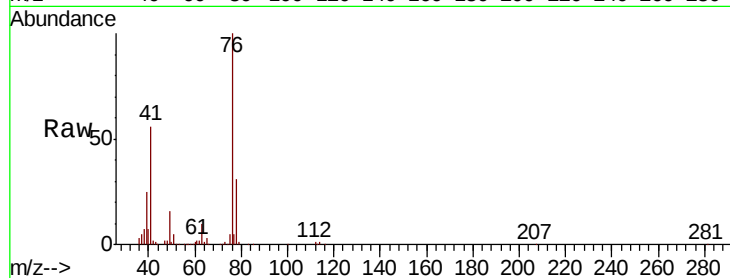




#57
 1,3-Dichloropropane
 Concen: 51.878 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW006092.D
 Acq: 16 Oct 2018 21:28

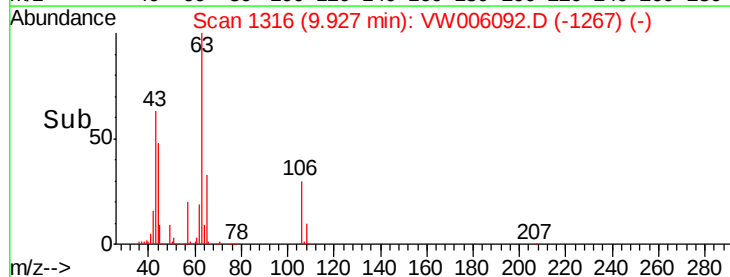
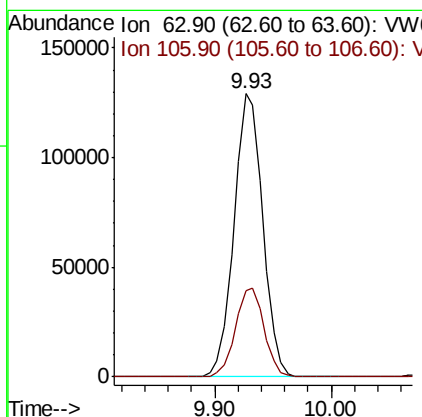
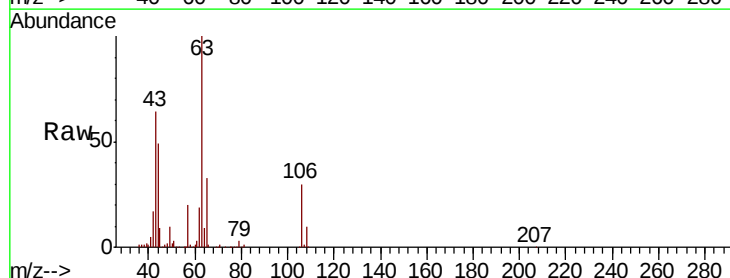
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

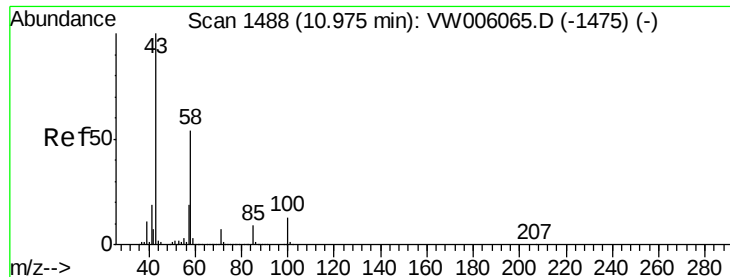
Tgt Ion: 76 Resp: 169059
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 240.516 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006092.D
 Acq: 16 Oct 2018 21:28

Tgt Ion: 63 Resp: 221792
 Ion Ratio Lower Upper
 63 100
 106 31.3 24.5 36.7

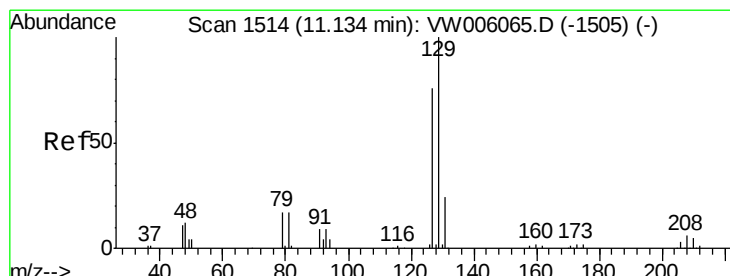
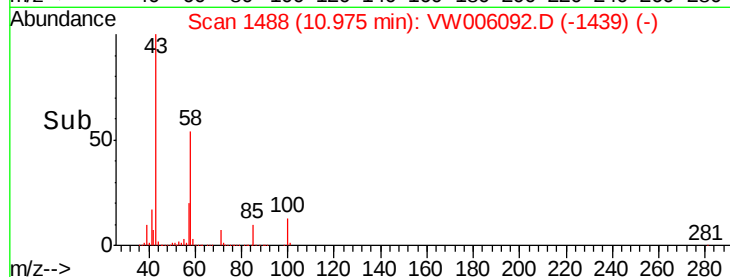
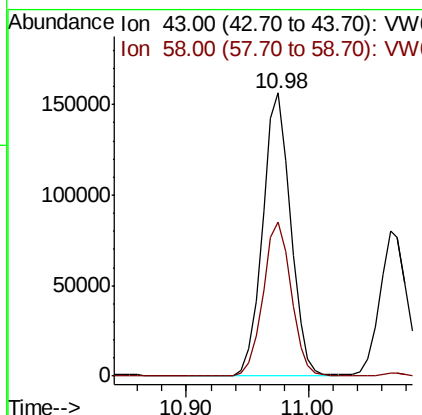
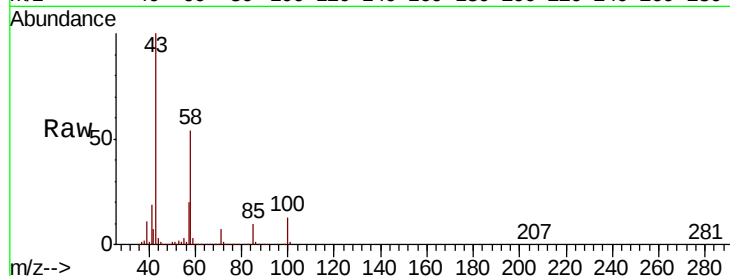




#59
2-Hexanone
Concen: 243.992 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW006092.D
Acq: 16 Oct 2018 21:28

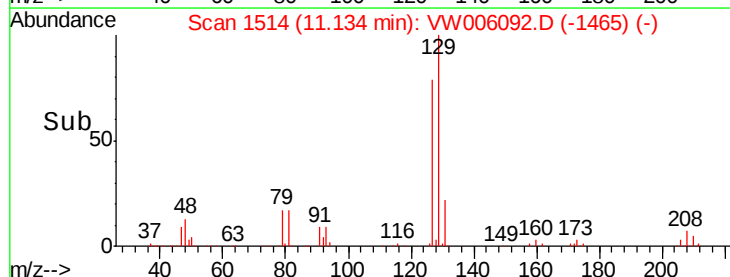
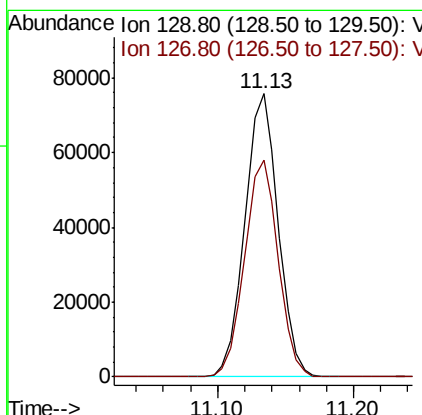
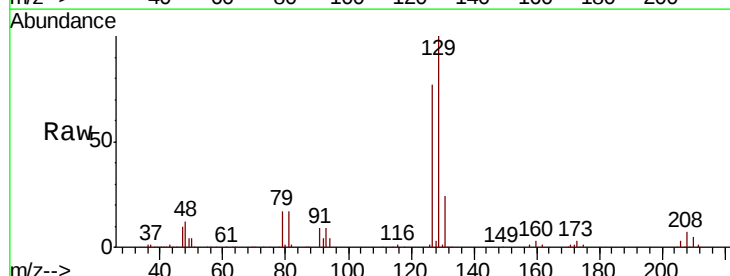
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

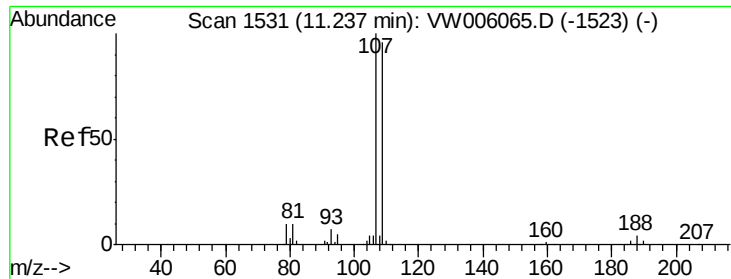
Tgt Ion: 43 Resp: 249271
Ion Ratio Lower Upper
43 100
58 54.7 26.9 80.6



#60
Dibromochloromethane
Concen: 52.963 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW006092.D
Acq: 16 Oct 2018 21:28

Tgt Ion: 129 Resp: 129868
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.7

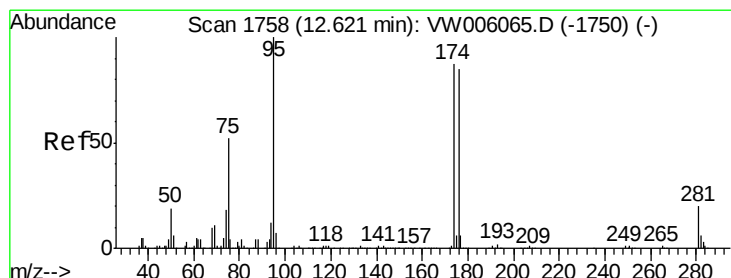
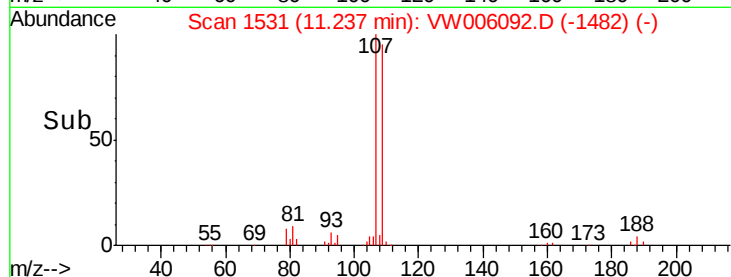
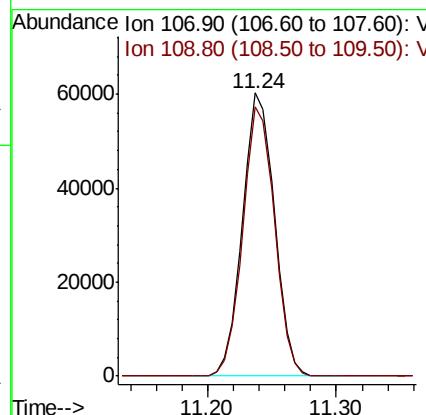
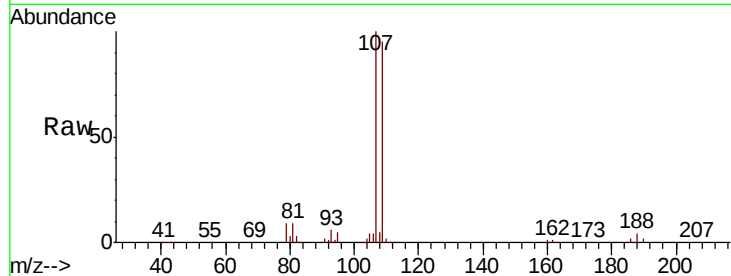




#61
 1,2-Dibromoethane
 Concen: 52.570 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006092.D
 Acq: 16 Oct 2018 21:28

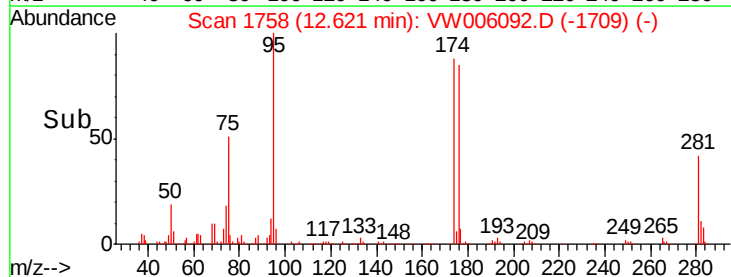
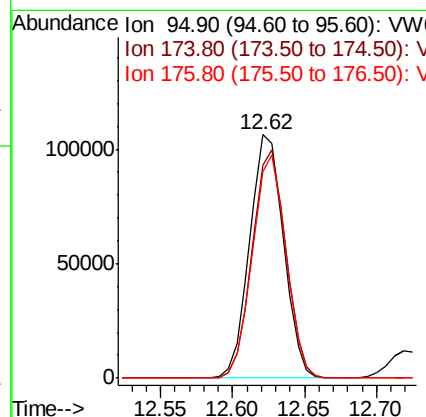
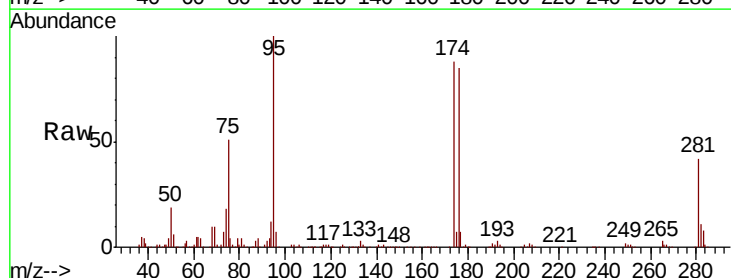
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

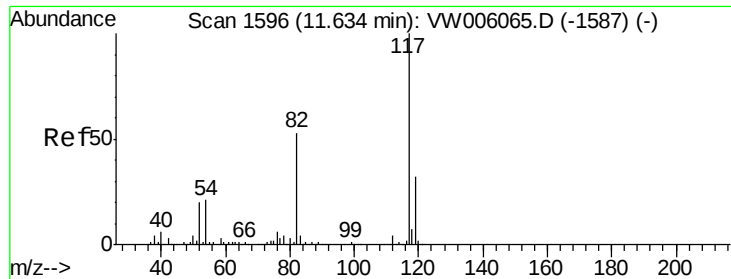
Tgt Ion: 107 Resp: 103403
 Ion Ratio Lower Upper
 107 100
 109 94.5 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 50.242 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006092.D
 Acq: 16 Oct 2018 21:28

Tgt Ion: 95 Resp: 173059
 Ion Ratio Lower Upper
 95 100
 174 93.1 0.0 186.0
 176 90.6 0.0 181.6

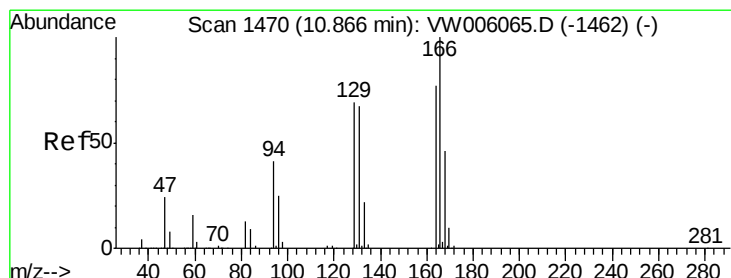
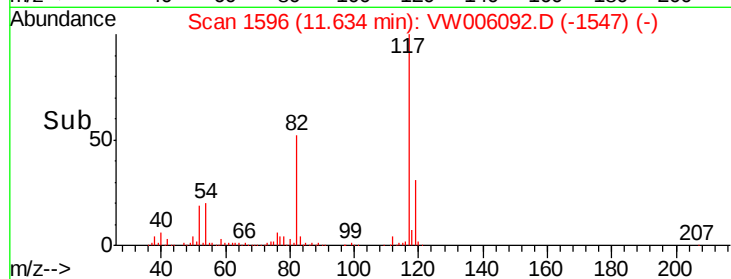
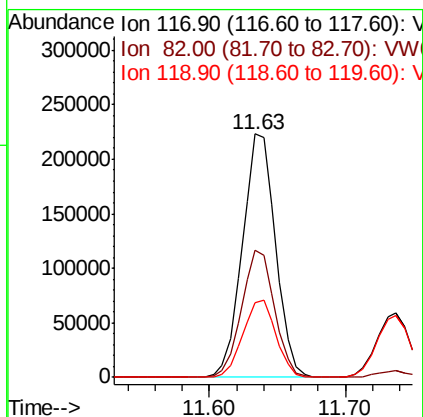
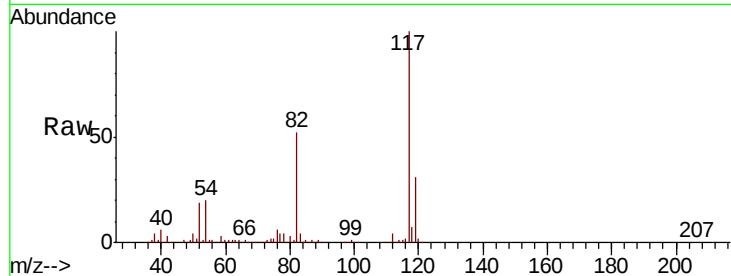




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006092.D
Acq: 16 Oct 2018 21:28

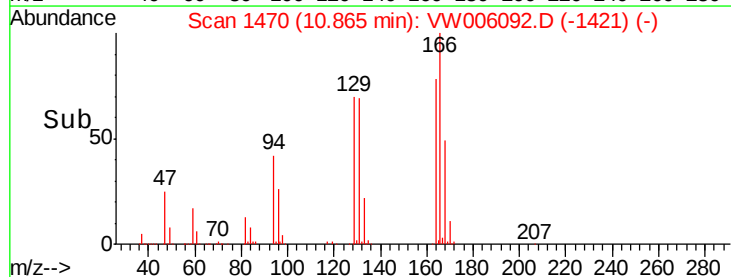
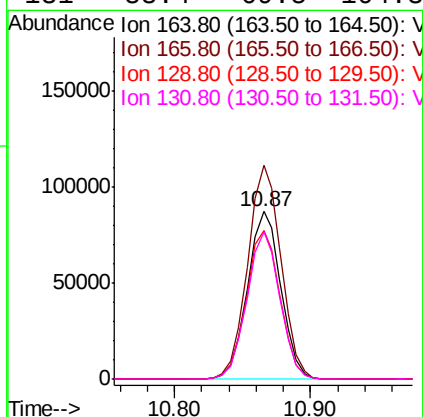
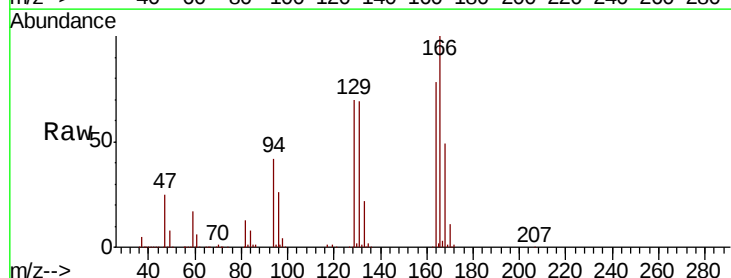
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

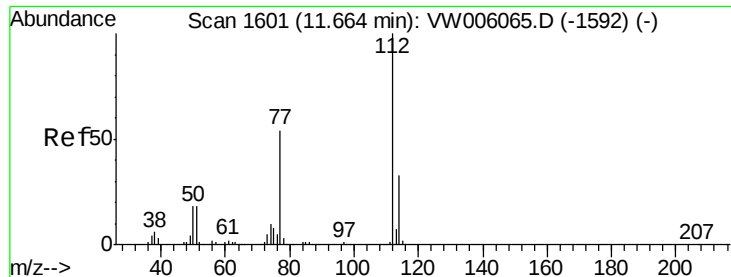
Tgt Ion:117 Resp: 379961
Ion Ratio Lower Upper
117 100
82 52.3 42.1 63.1
119 30.8 25.8 38.6



#64
Tetrachloroethene
Concen: 50.716 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006092.D
Acq: 16 Oct 2018 21:28

Tgt Ion:164 Resp: 149595
Ion Ratio Lower Upper
164 100
166 127.8 103.4 155.0
129 88.9 71.8 107.8
131 88.4 69.5 104.3

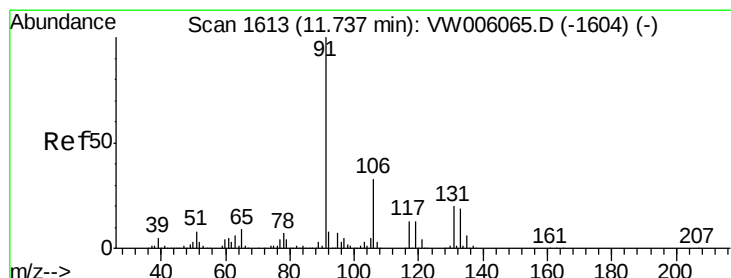
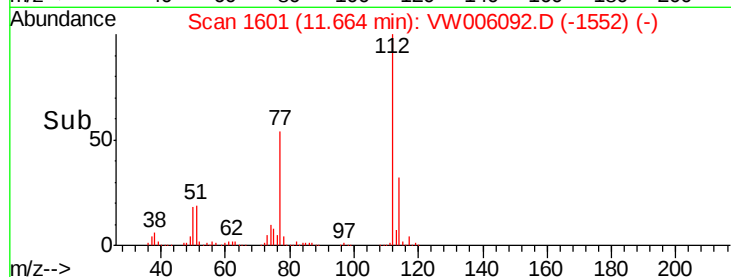
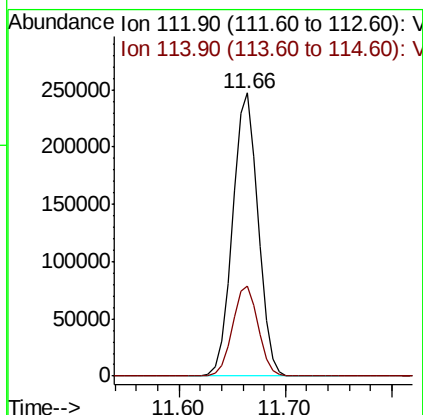
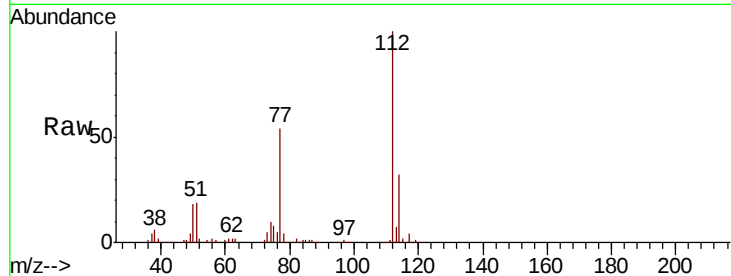




#65
Chlorobenzene
Concen: 51.126 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW006092.D
Acq: 16 Oct 2018 21:28

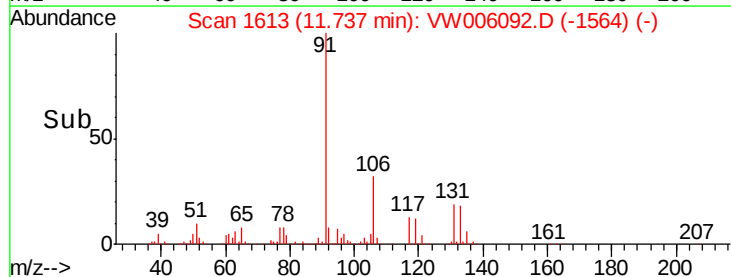
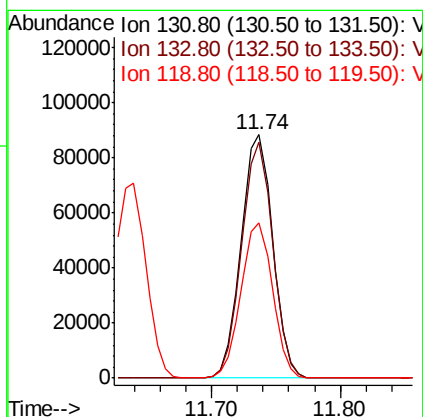
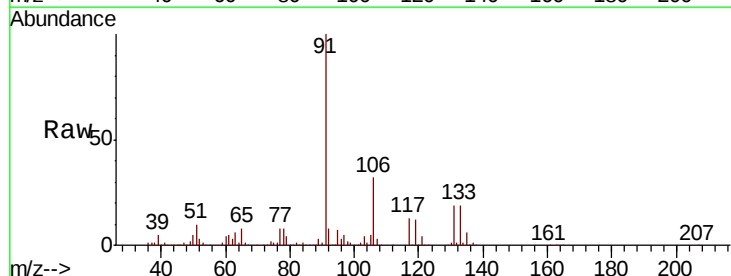
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

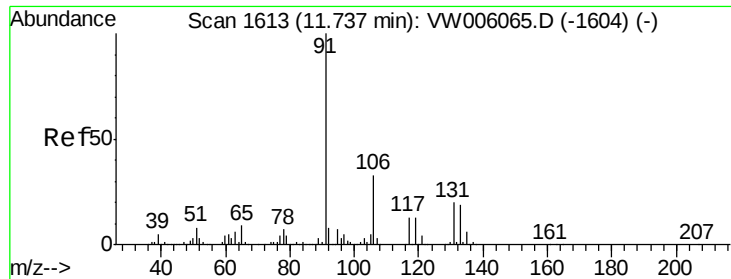
Tgt Ion:112 Resp: 415852
Ion Ratio Lower Upper
112 100
114 31.7 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 51.950 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006092.D
Acq: 16 Oct 2018 21:28

Tgt Ion:131 Resp: 150166
Ion Ratio Lower Upper
131 100
133 95.6 48.1 144.3
119 64.1 31.6 94.7

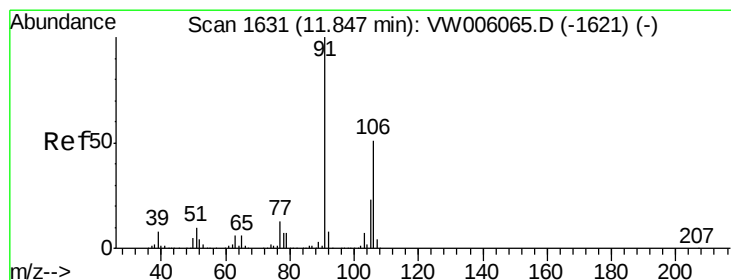
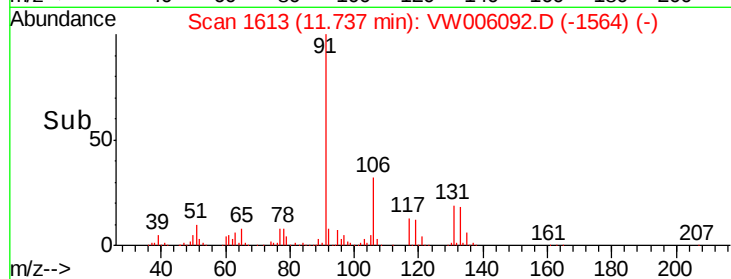
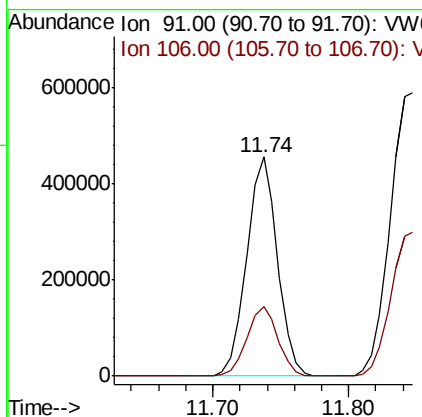
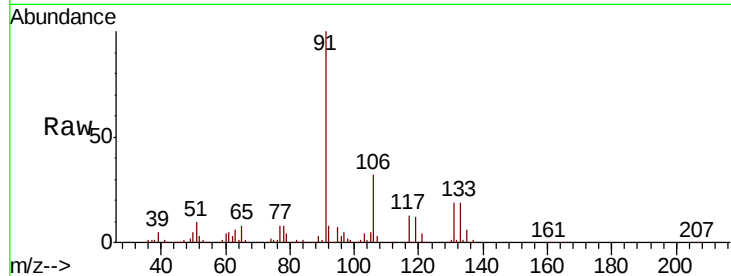




#67
Ethyl Benzene
Concen: 51.064 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006092.D
Acq: 16 Oct 2018 21:28

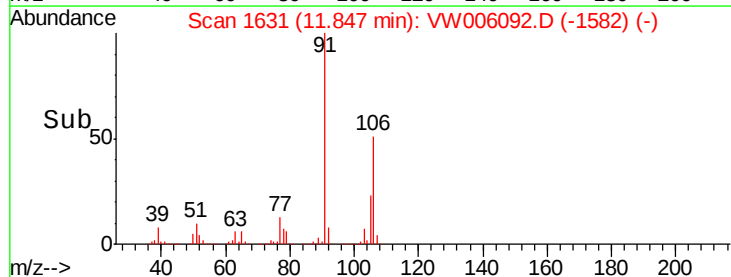
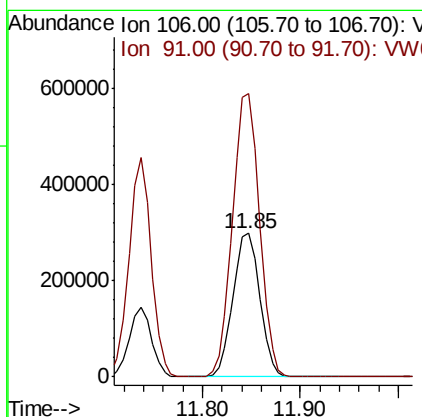
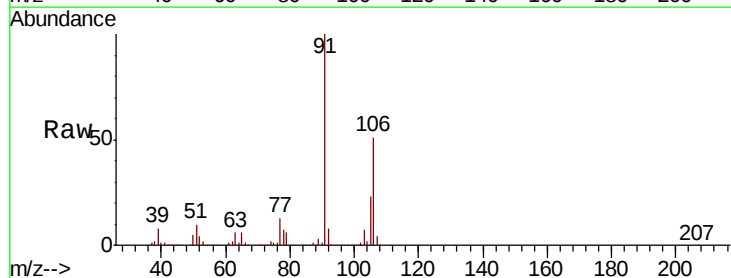
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 719805
Ion Ratio Lower Upper
91 100
106 31.7 26.1 39.1



#68
m/p-Xylenes
Concen: 102.240 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW006092.D
Acq: 16 Oct 2018 21:28

Tgt Ion: 106 Resp: 569639
Ion Ratio Lower Upper
106 100
91 198.4 159.1 238.7

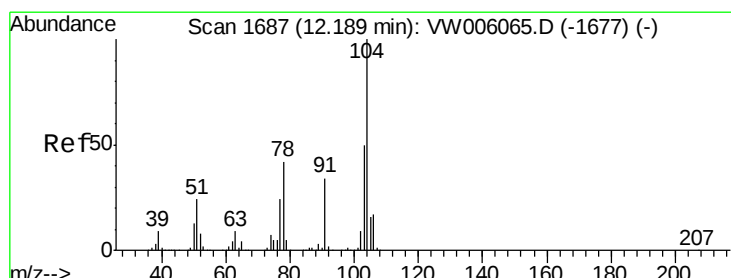
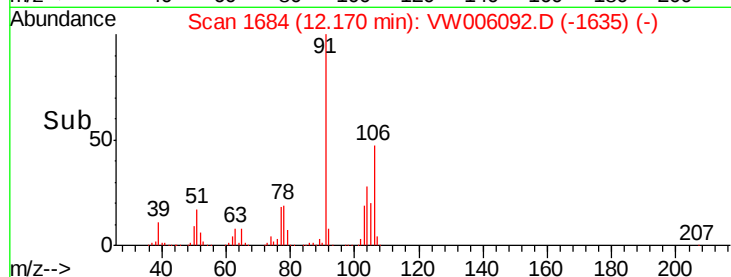
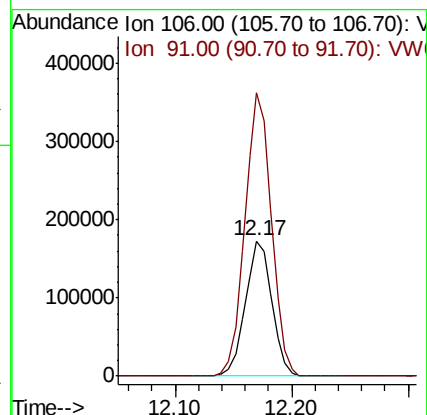
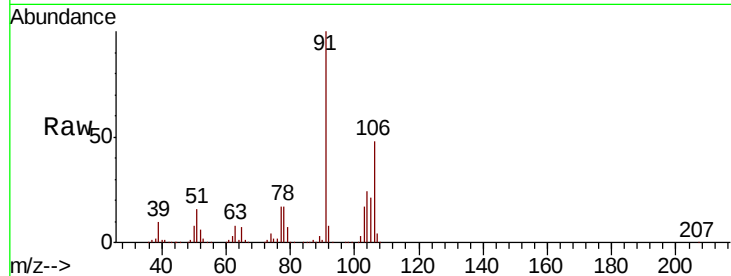




#69
o-Xylene
Concen: 51.686 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006092.D
Acq: 16 Oct 2018 21:28

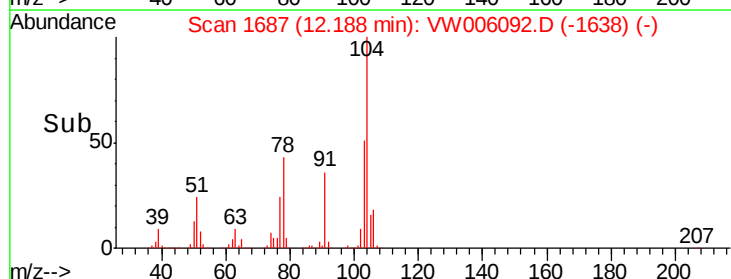
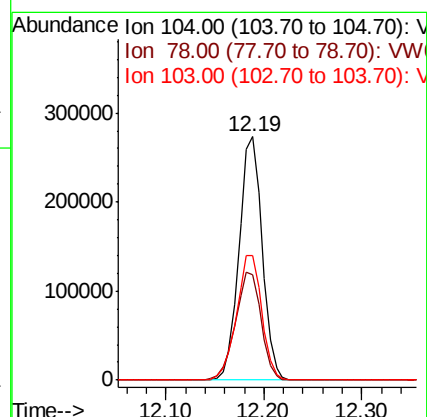
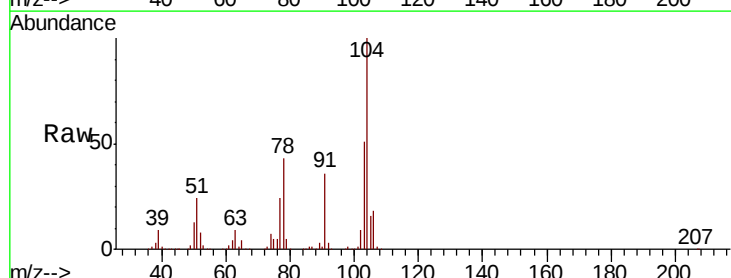
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 274444
Ion Ratio Lower Upper
106 100
91 209.7 105.4 316.1



#70
Styrene
Concen: 51.960 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW006092.D
Acq: 16 Oct 2018 21:28

Tgt Ion:104 Resp: 448650
Ion Ratio Lower Upper
104 100
78 49.1 39.1 58.7
103 55.8 44.3 66.5

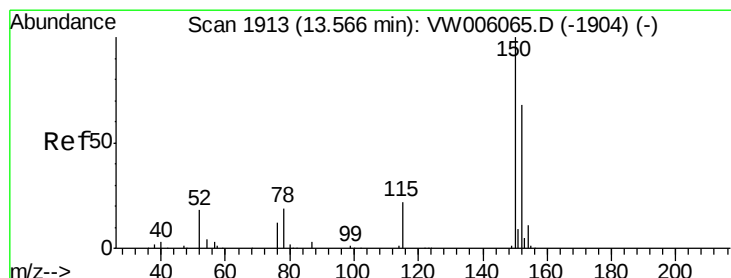
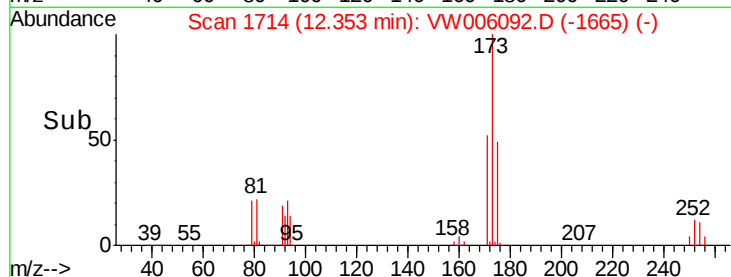
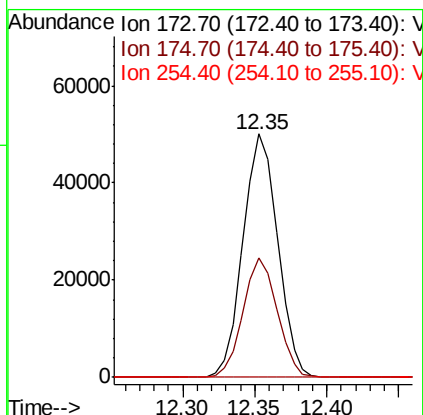
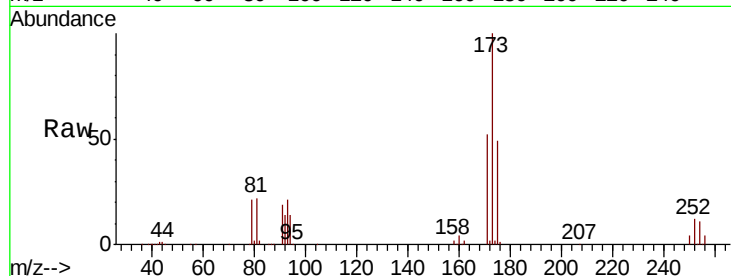




#71
Bromoform
Concen: 51.884 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW006092.D
Acq: 16 Oct 2018 21:28

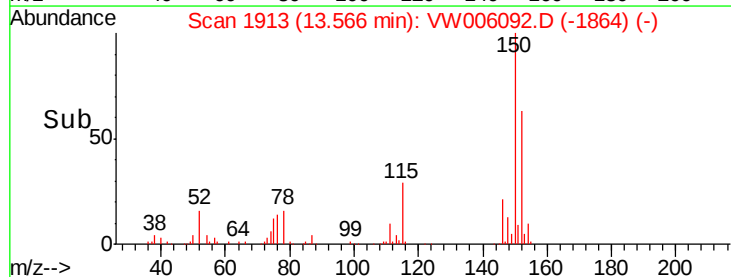
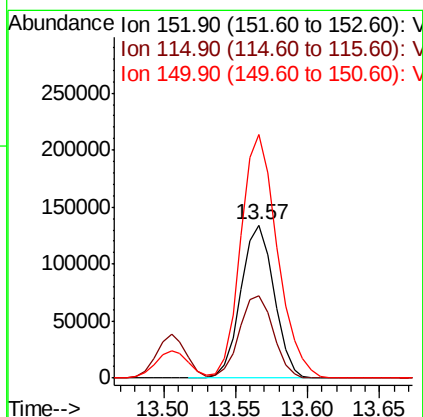
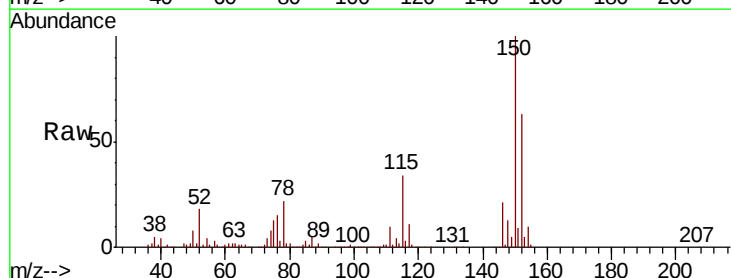
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

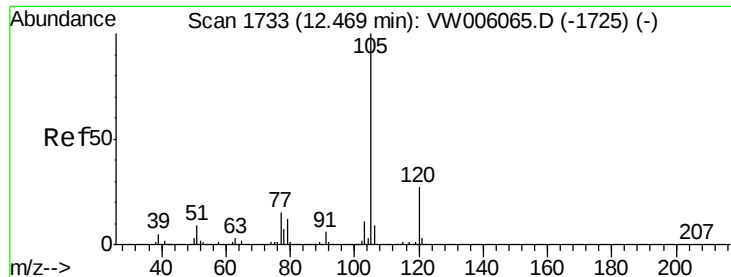
Tgt Ion:173 Resp: 83652
Ion Ratio Lower Upper
173 100
175 48.4 24.2 72.6
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006092.D
Acq: 16 Oct 2018 21:28

Tgt Ion:152 Resp: 213992
Ion Ratio Lower Upper
152 100
115 55.3 27.8 83.3
150 175.9 0.0 349.2





#73

Isopropylbenzene

Concen: 50.474 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006092.D

Acq: 16 Oct 2018 21:28

Instrument :

MSVOA_W

ClientSampleId :

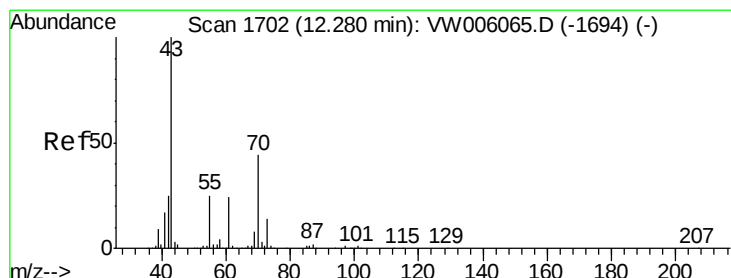
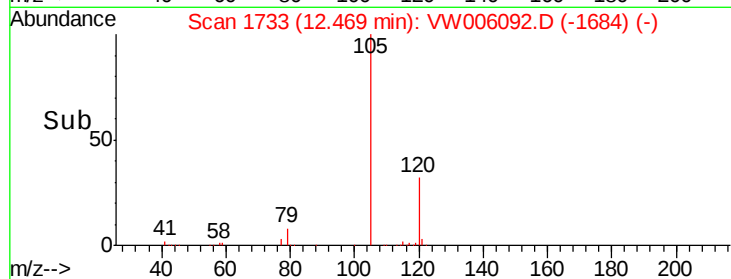
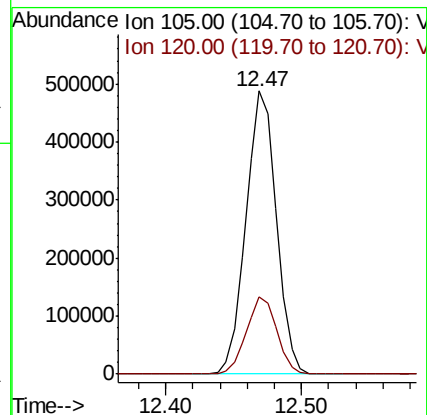
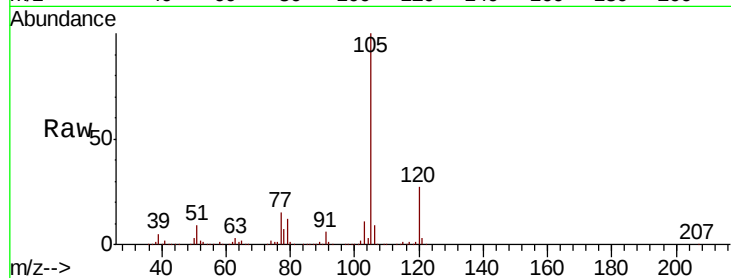
VSTDCCC050EC

Tgt Ion: 105 Resp: 763059

Ion Ratio Lower Upper

105 100

120 27.4 13.6 40.7



#74

N-ethyl acetate

Concen: 49.808 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW006092.D

Acq: 16 Oct 2018 21:28

Tgt Ion: 43 Resp: 146251

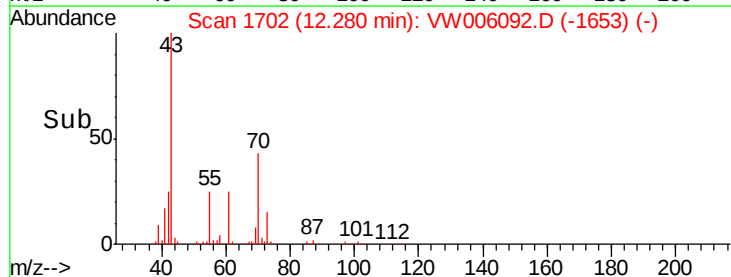
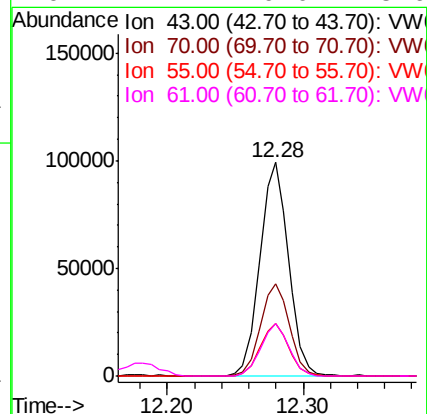
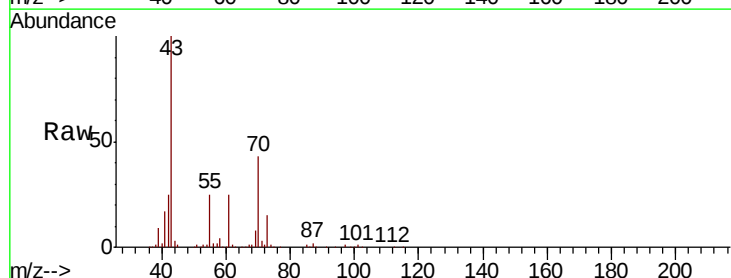
Ion Ratio Lower Upper

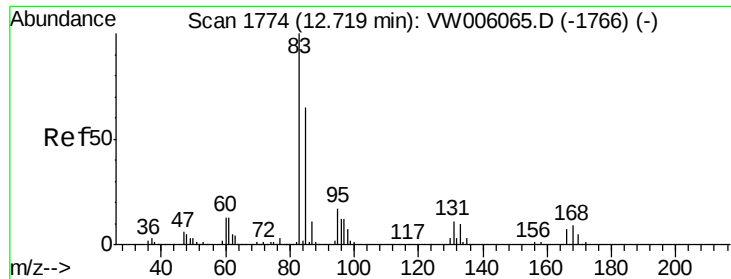
43 100

70 43.8 34.2 51.4

55 24.6 19.2 28.8

61 24.2 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 51.202 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006092.D

Acq: 16 Oct 2018 21:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

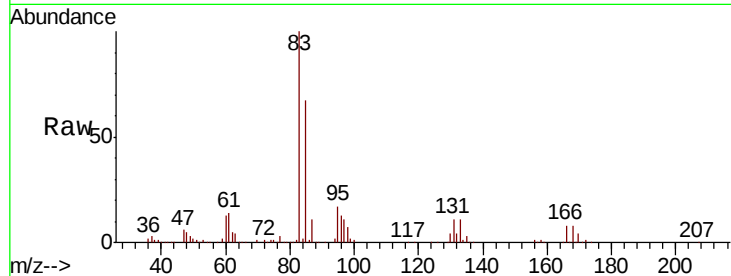
Tgt Ion: 83 Resp: 117732

Ion Ratio Lower Upper

83 100

131 11.6 5.9 17.7

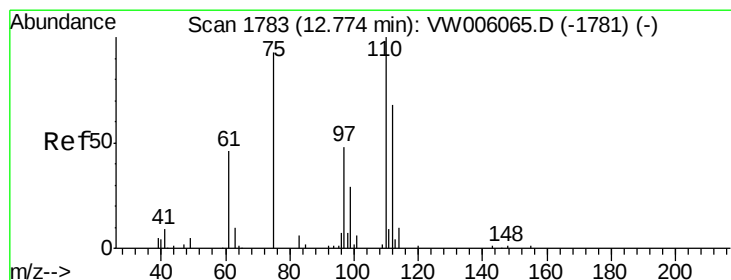
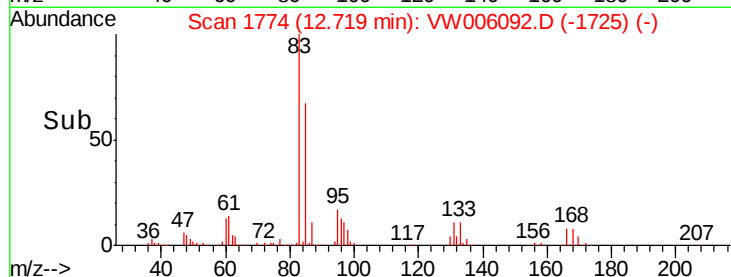
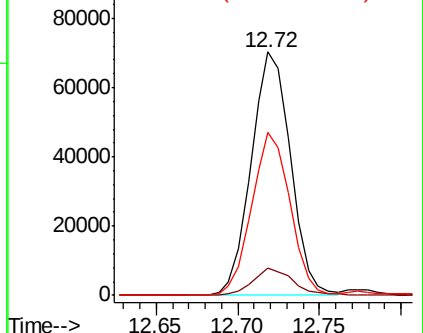
85 65.4 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 94.739 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW006092.D

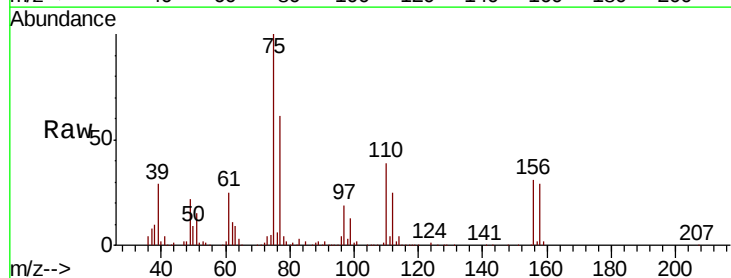
Acq: 16 Oct 2018 21:28

Tgt Ion: 75 Resp: 154848

Ion Ratio Lower Upper

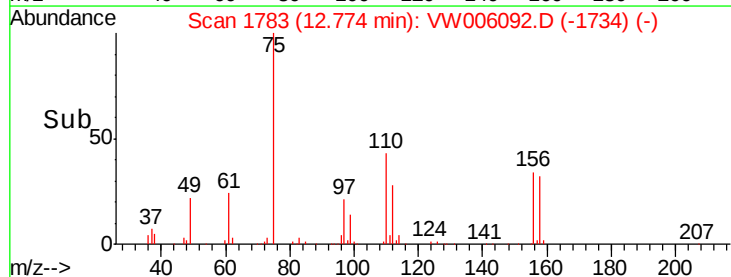
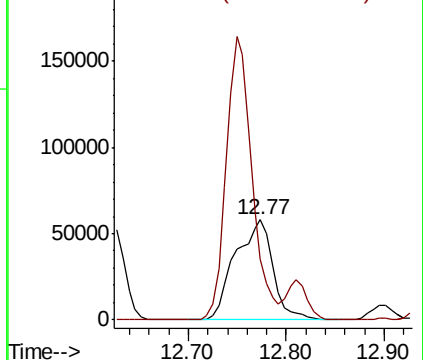
75 100

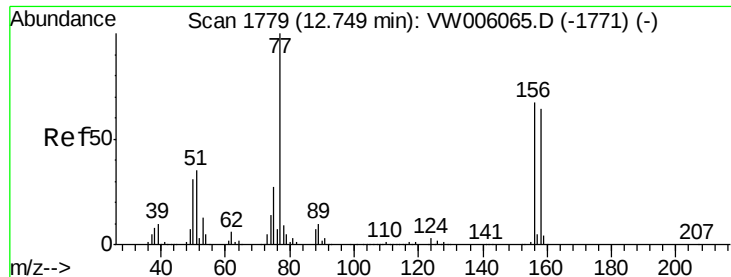
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 51.387 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006092.D

Acq: 16 Oct 2018 21:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

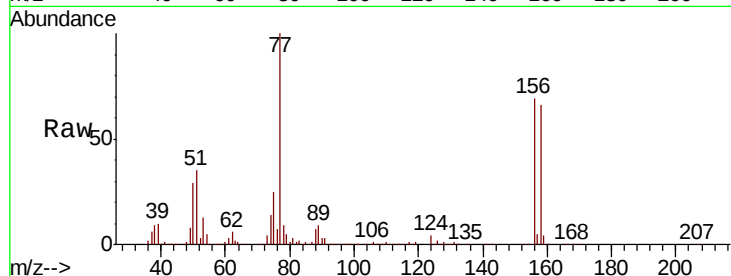
Tgt Ion:156 Resp: 190280

Ion Ratio Lower Upper

156 100

77 157.7 79.1 237.4

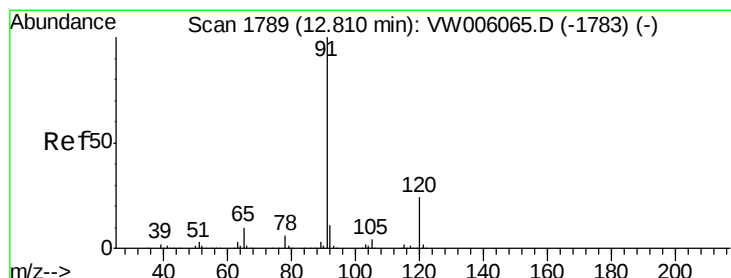
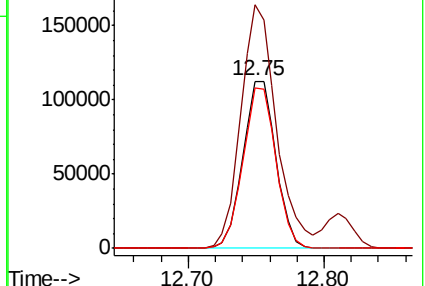
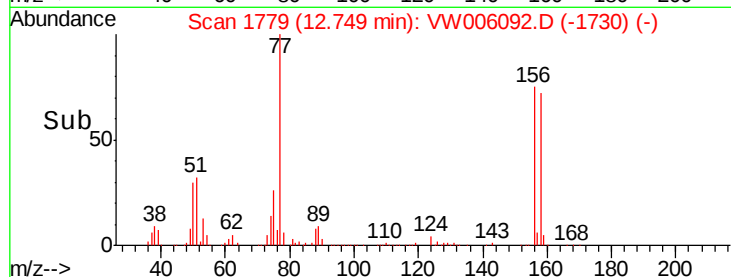
158 96.5 48.5 145.6



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: 50.554 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006092.D

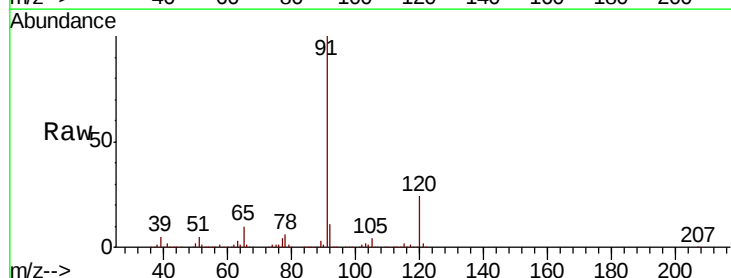
Acq: 16 Oct 2018 21:28

Tgt Ion: 91 Resp: 889168

Ion Ratio Lower Upper

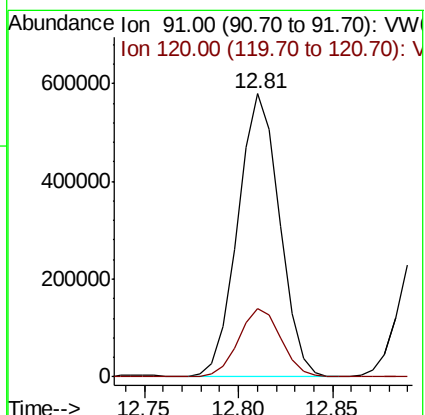
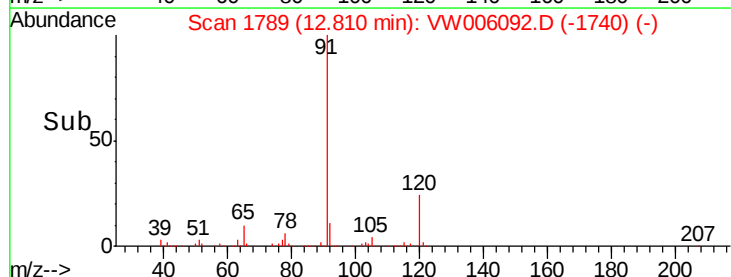
91 100

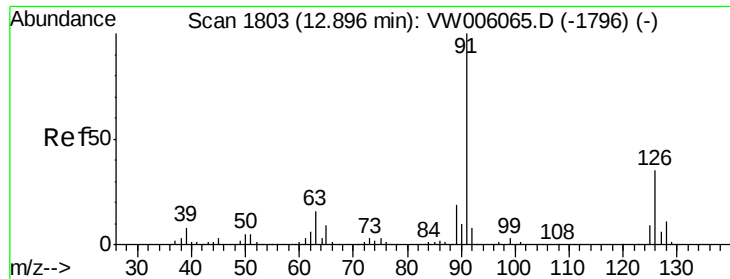
120 24.4 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

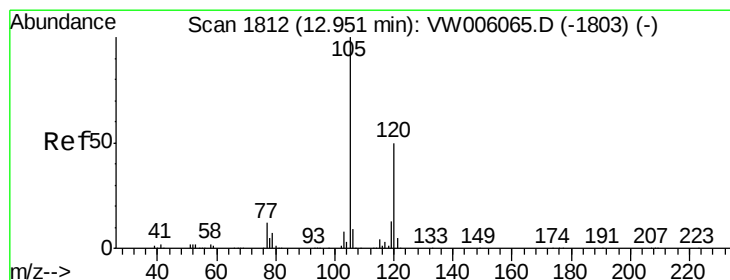
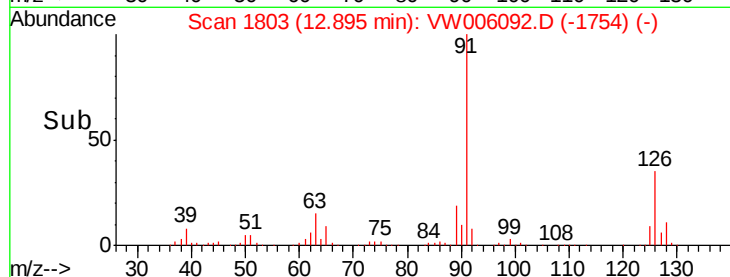
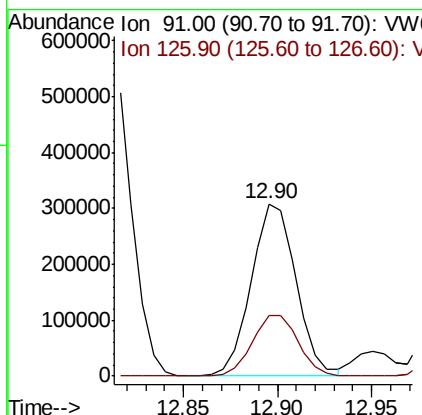
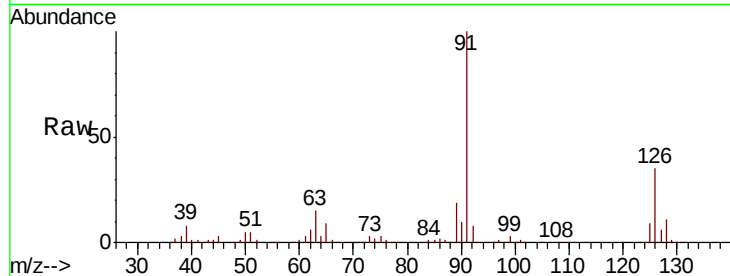




#79
2-Chlorotoluene
Concen: 51.402 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW006092.D
Acq: 16 Oct 2018 21:28

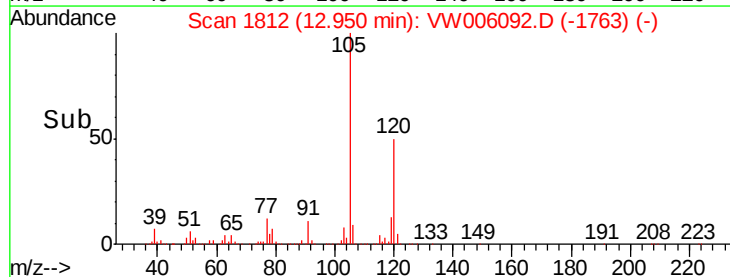
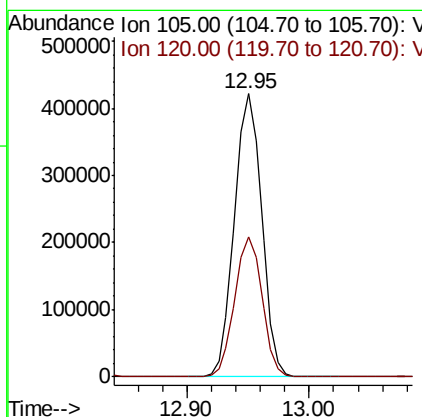
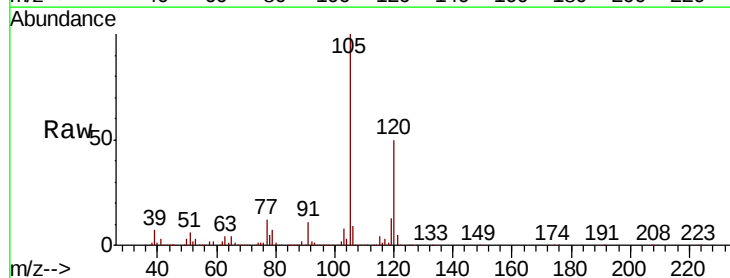
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

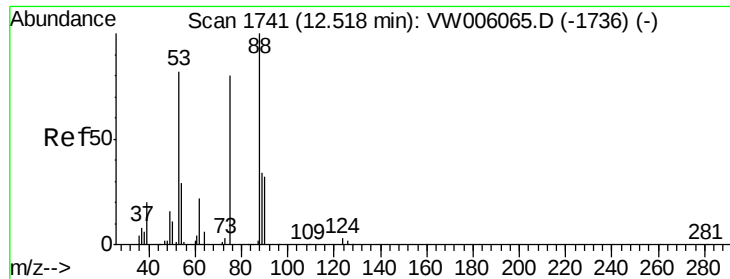
Tgt Ion: 91 Resp: 507970
Ion Ratio Lower Upper
91 100
126 36.1 17.9 53.8



#80
1,3,5-Trimethylbenzene
Concen: 51.072 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. -0.00 min
Lab File: VW006092.D
Acq: 16 Oct 2018 21:28

Tgt Ion: 105 Resp: 650894
Ion Ratio Lower Upper
105 100
120 49.5 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 48.478 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW006092.D

Acq: 16 Oct 2018 21:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

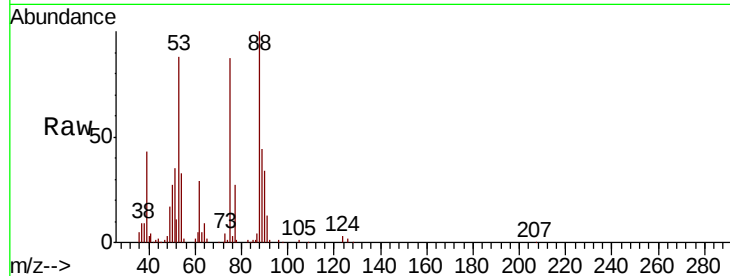
Tgt Ion: 75 Resp: 33148

Ion Ratio Lower Upper

75 100

53 106.6 79.8 119.6

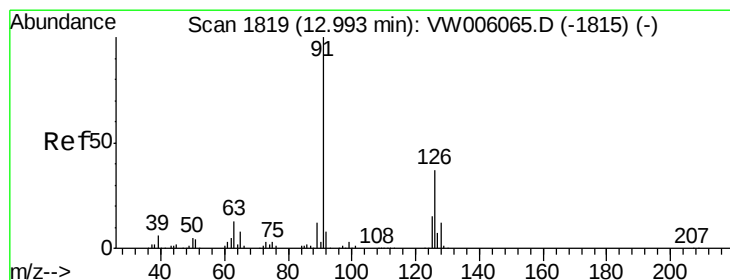
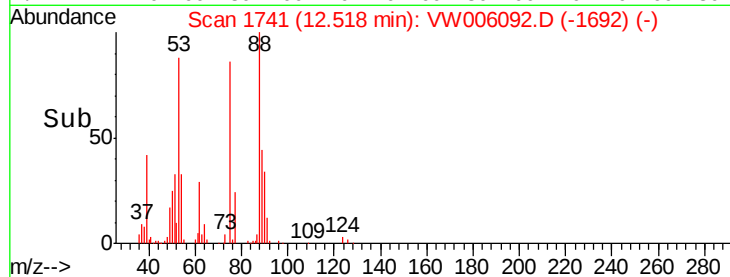
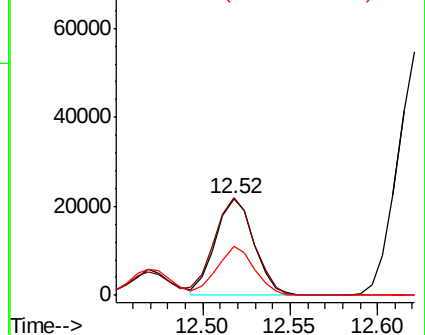
89 49.8 37.5 56.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 51.121 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW006092.D

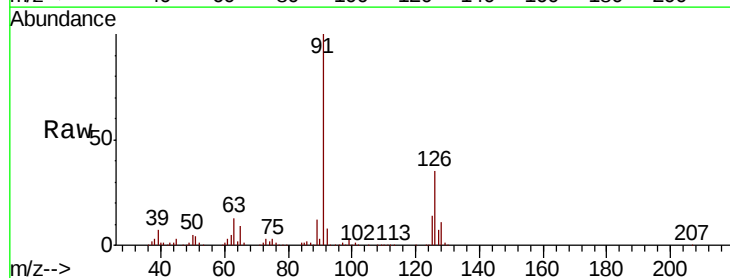
Acq: 16 Oct 2018 21:28

Tgt Ion: 91 Resp: 529197

Ion Ratio Lower Upper

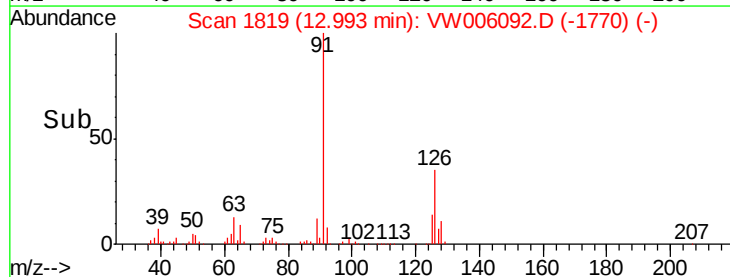
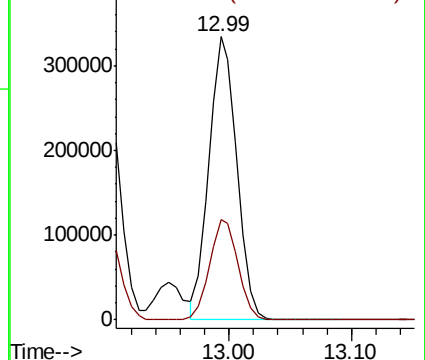
91 100

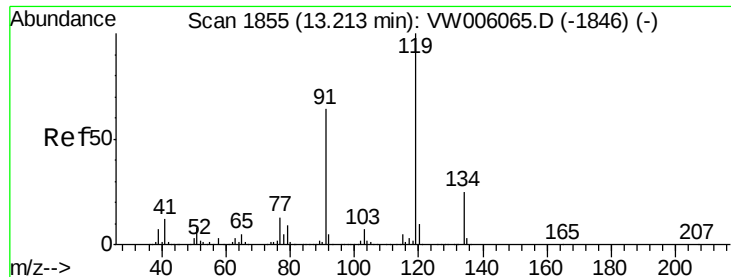
126 36.2 18.1 54.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

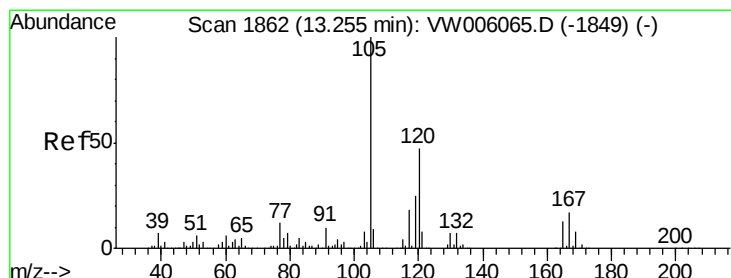
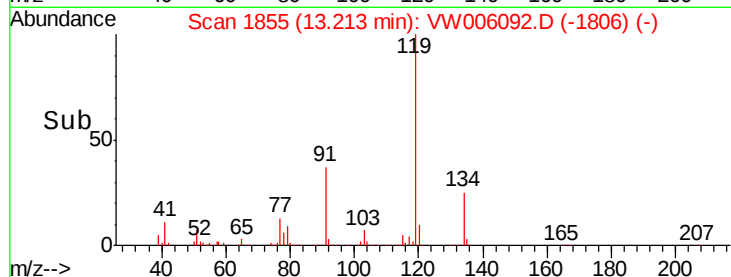
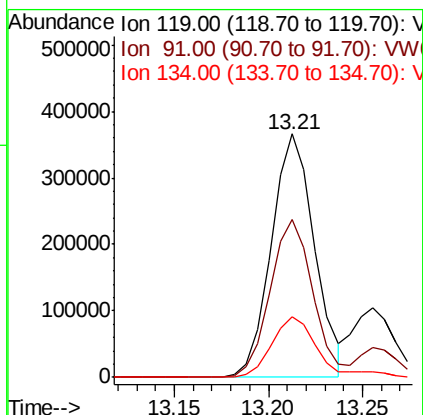
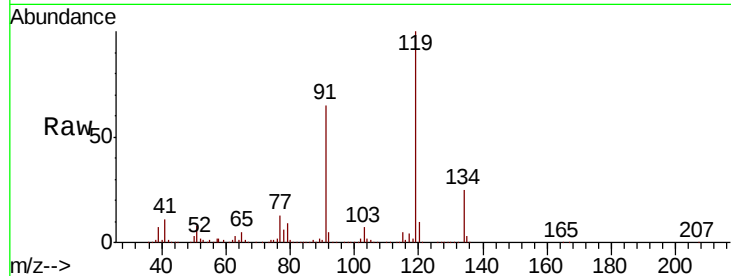




#83
 tert-Butylbenzene
 Concen: 50.883 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW006092.D
 Acq: 16 Oct 2018 21:28

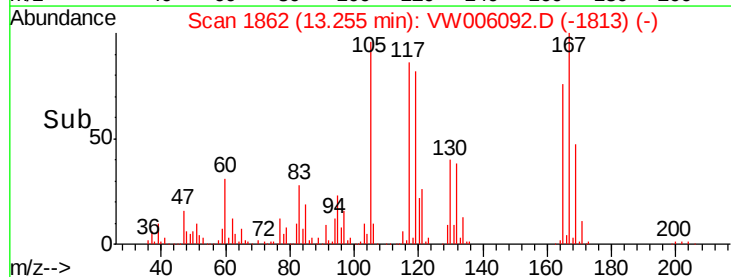
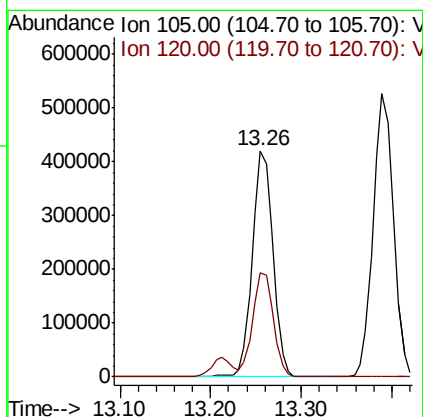
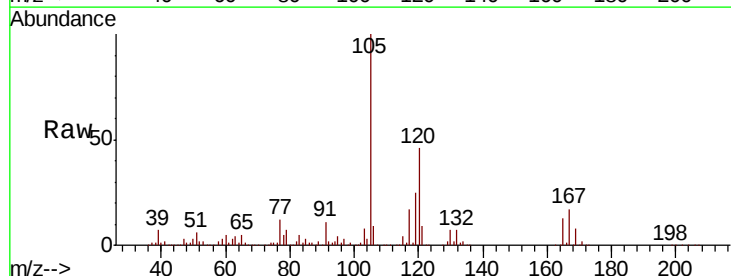
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

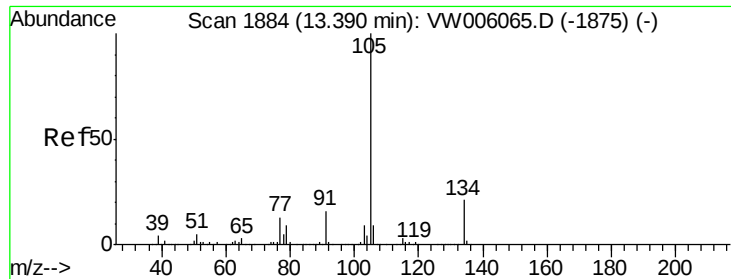
Tgt Ion:119 Resp: 580204
 Ion Ratio Lower Upper
 119 100
 91 64.8 32.3 96.9
 134 26.9 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 51.479 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006092.D
 Acq: 16 Oct 2018 21:28

Tgt Ion:105 Resp: 663892
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.1 69.3

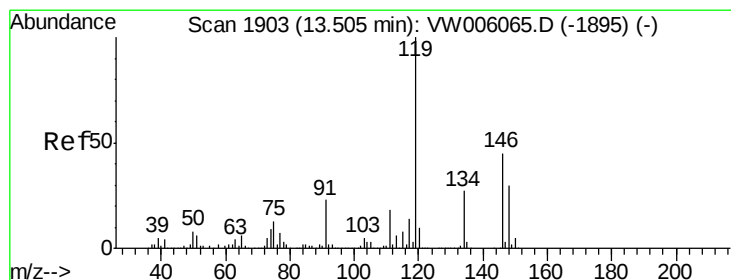
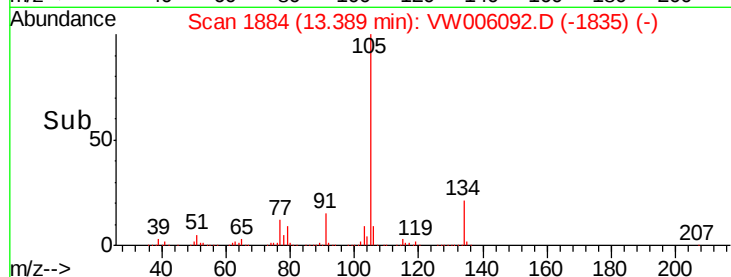
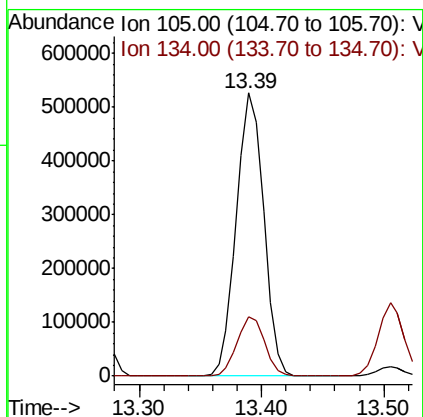
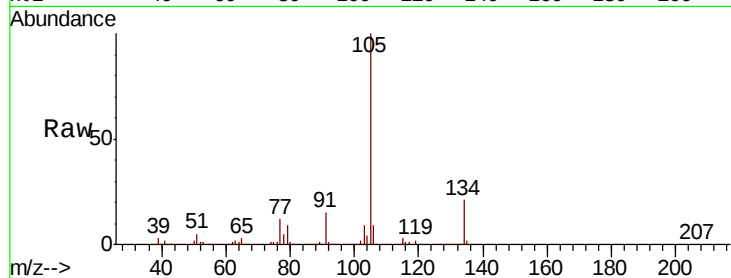




#85
 sec-Butylbenzene
 Concen: 50.772 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006092.D
 Acq: 16 Oct 2018 21:28

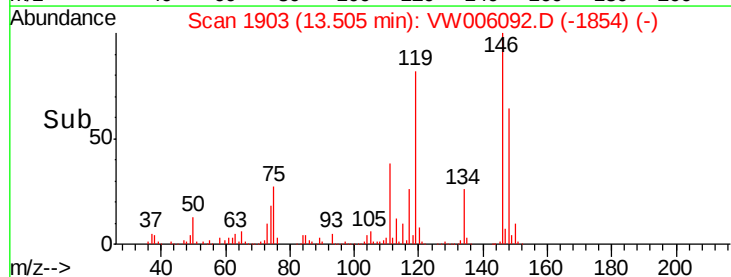
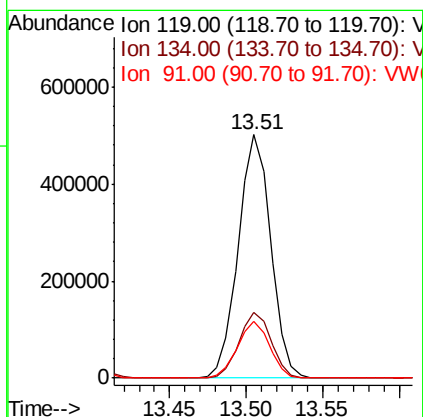
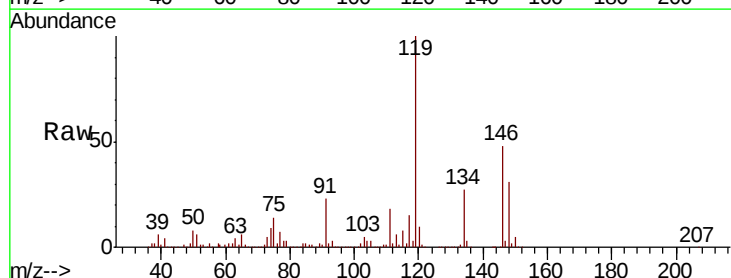
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

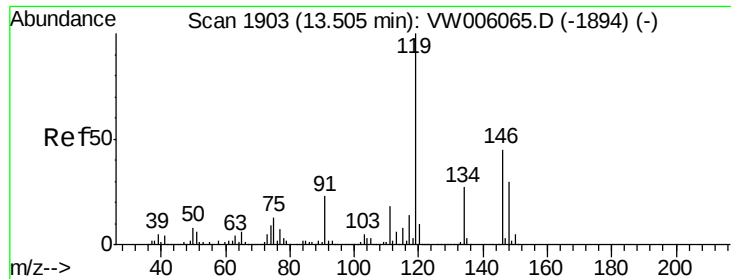
Tgt Ion:105 Resp: 817882
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 50.659 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006092.D
 Acq: 16 Oct 2018 21:28

Tgt Ion:119 Resp: 738128
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.4 40.2
 91 22.9 11.4 34.1

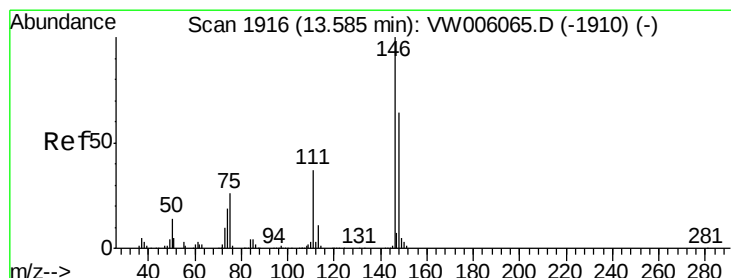
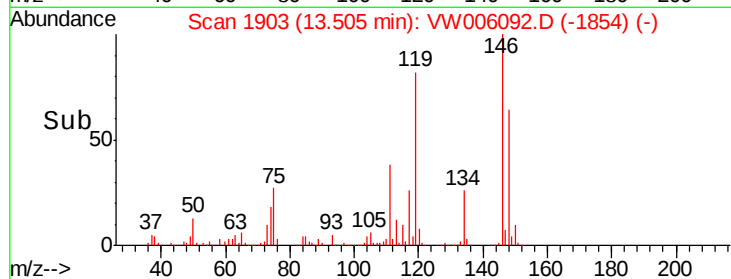
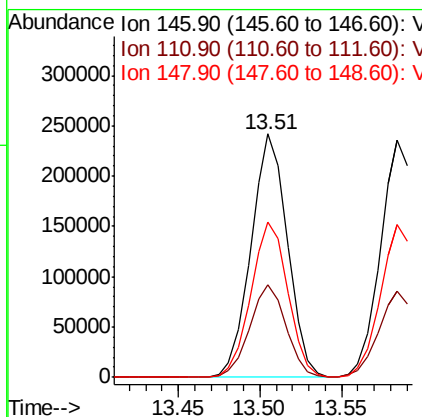
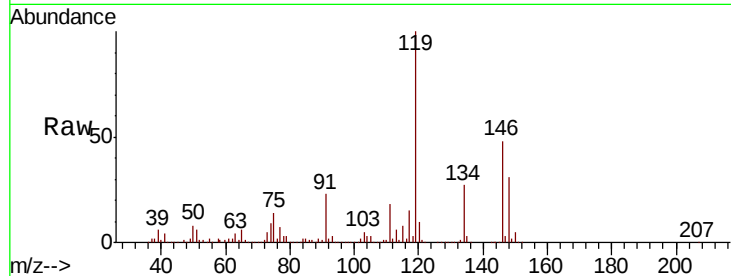




#87
 1,3-Dichlorobenzene
 Concen: 51.104 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006092.D
 Acq: 16 Oct 2018 21:28

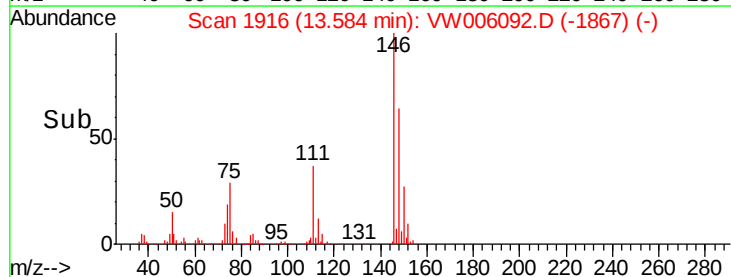
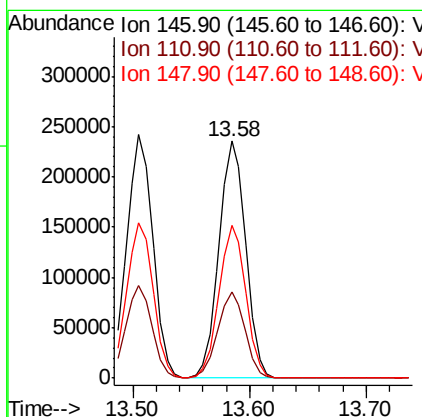
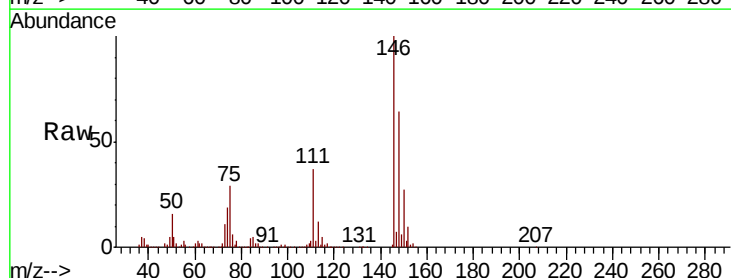
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

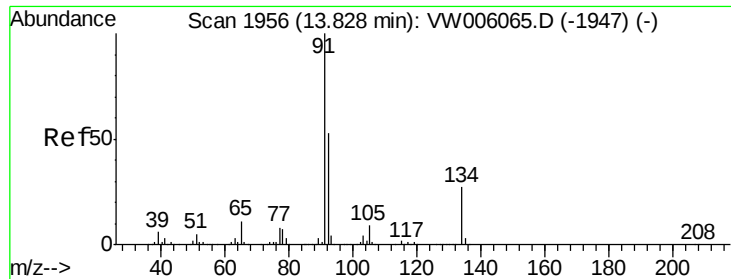
Tgt Ion:146 Resp: 376604
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.1 57.5
 148 64.4 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 50.909 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006092.D
 Acq: 16 Oct 2018 21:28

Tgt Ion:146 Resp: 373538
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.6 56.0
 148 64.2 32.1 96.5





#89

n-Butylbenzene

Concen: 50.058 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW006092.D

Acq: 16 Oct 2018 21:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

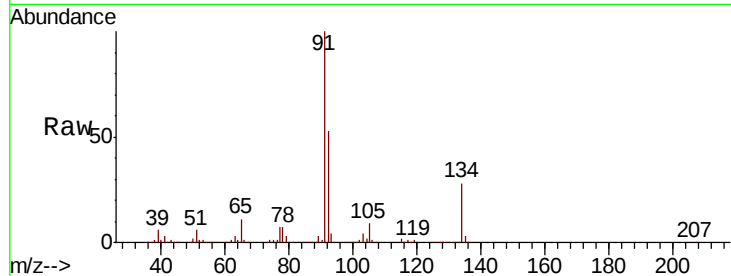
Tgt Ion: 91 Resp: 667045

Ion Ratio Lower Upper

91 100

92 52.6 26.6 79.7

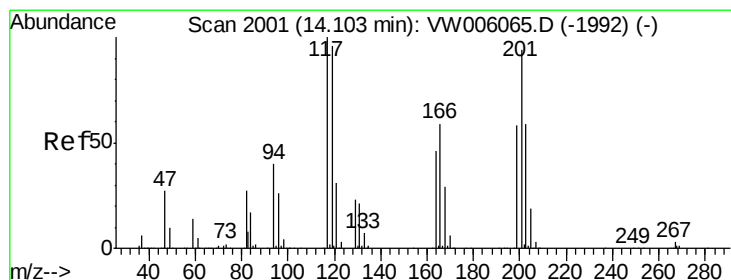
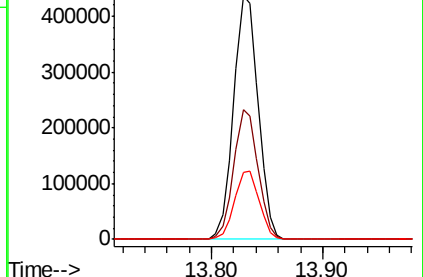
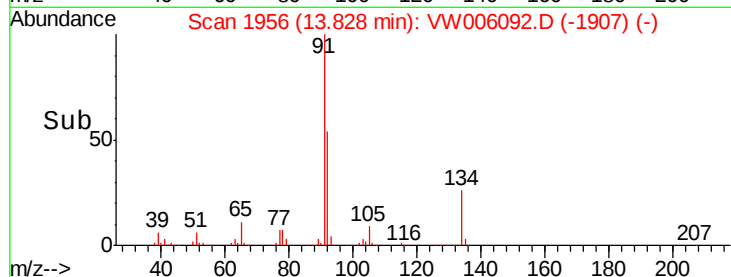
134 28.1 14.0 41.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 51.570 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. -0.00 min

Lab File: VW006092.D

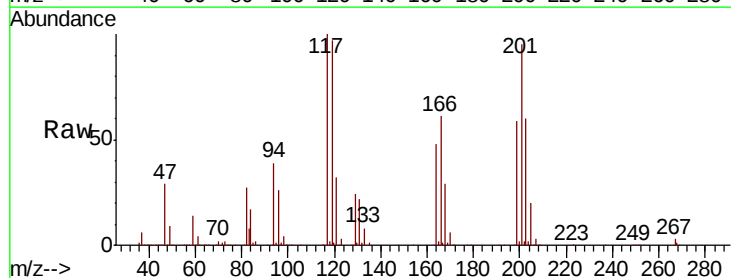
Acq: 16 Oct 2018 21:28

Tgt Ion: 117 Resp: 127277

Ion Ratio Lower Upper

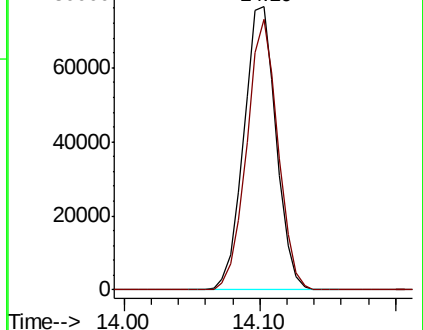
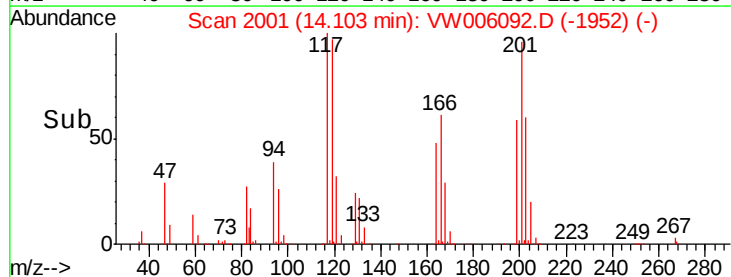
117 100

201 91.9 45.3 135.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 51.140 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW006092.D

Acq: 16 Oct 2018 21:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

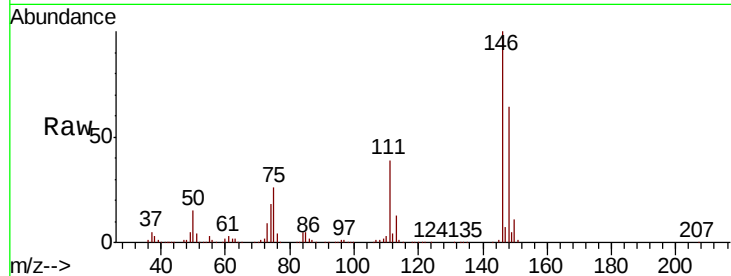
Tgt Ion:146 Resp: 336162

Ion Ratio Lower Upper

146 100

111 39.1 19.6 58.7

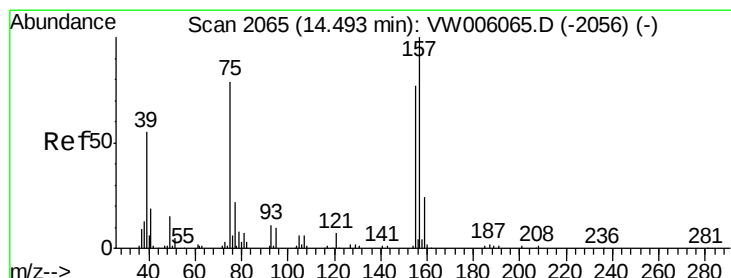
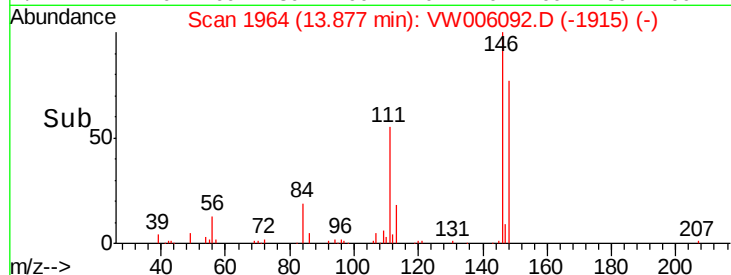
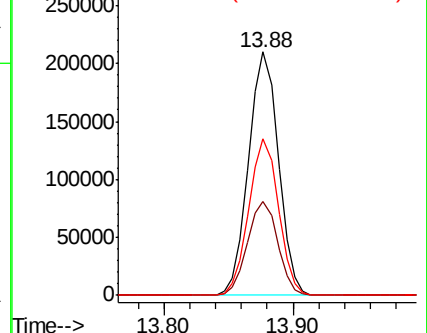
148 63.8 32.2 96.6



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: 48.132 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. -0.00 min

Lab File: VW006092.D

Acq: 16 Oct 2018 21:28

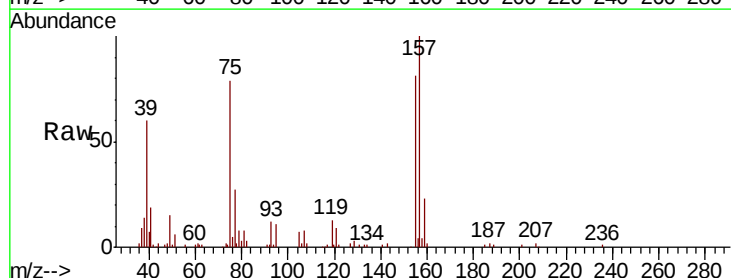
Tgt Ion: 75 Resp: 19815

Ion Ratio Lower Upper

75 100

155 97.3 46.5 139.5

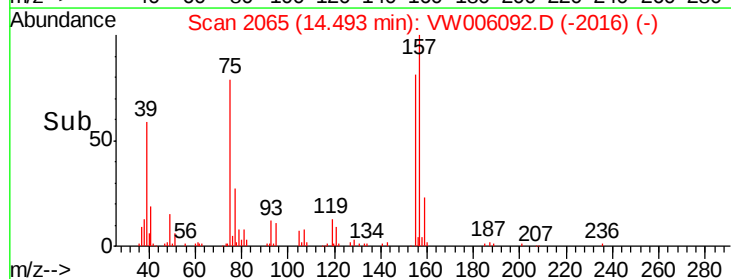
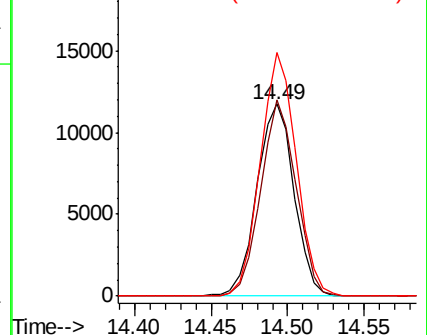
157 122.9 59.8 179.4

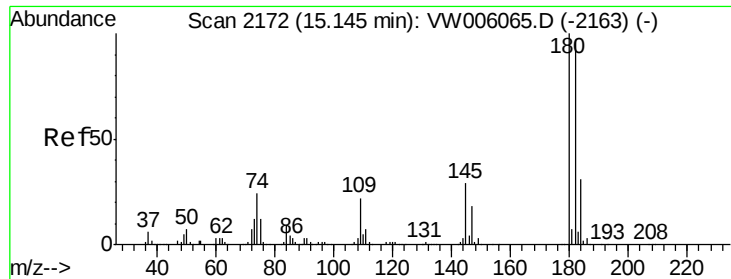


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

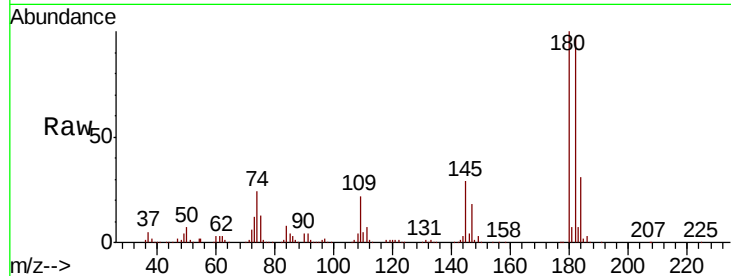




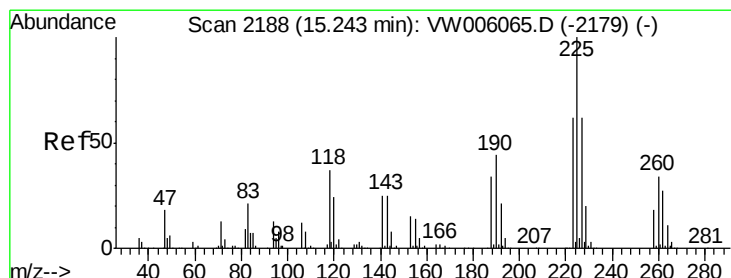
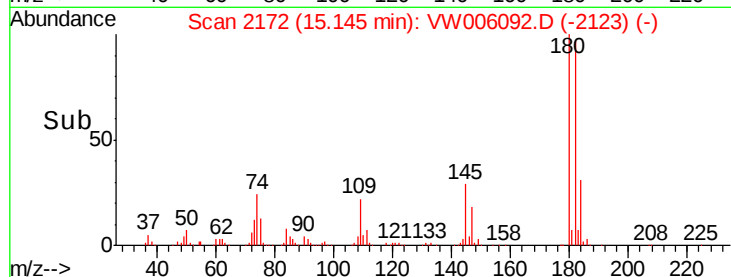
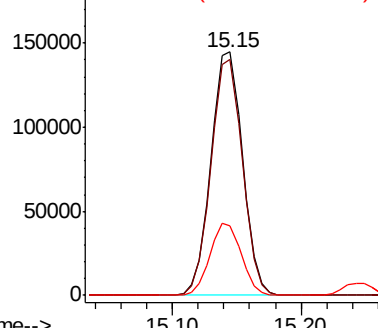
#93
 1,2,4-Trichlorobenzene
 Concen: 48.533 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW006092.D
 Acq: 16 Oct 2018 21:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 245473
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.9 143.6
 145 29.3 14.2 42.8

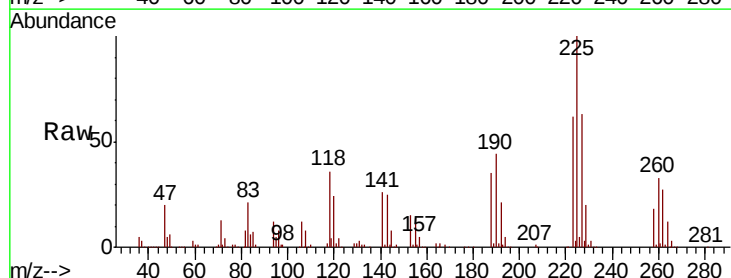


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

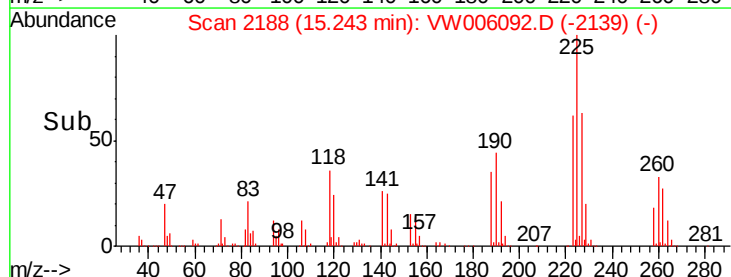
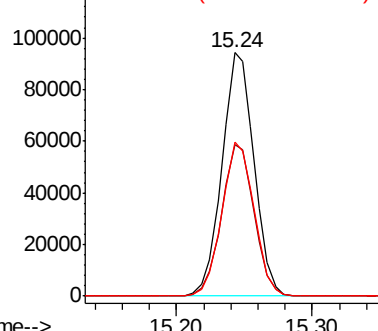


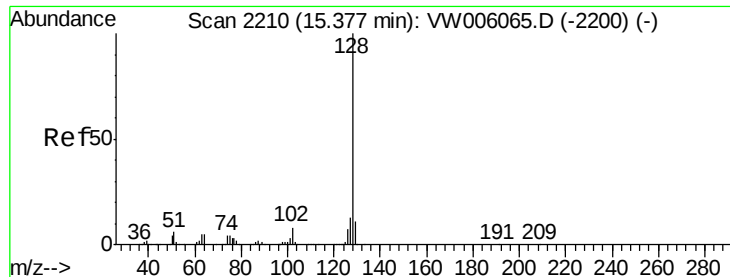
#94
 Hexachlorobutadiene
 Concen: 49.098 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006092.D
 Acq: 16 Oct 2018 21:28

Tgt Ion:225 Resp: 155999
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.1 93.5
 227 63.3 32.4 97.0



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

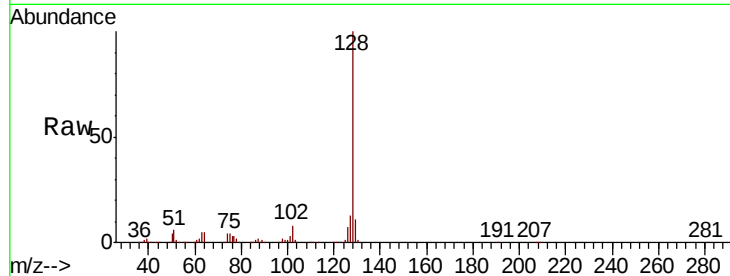




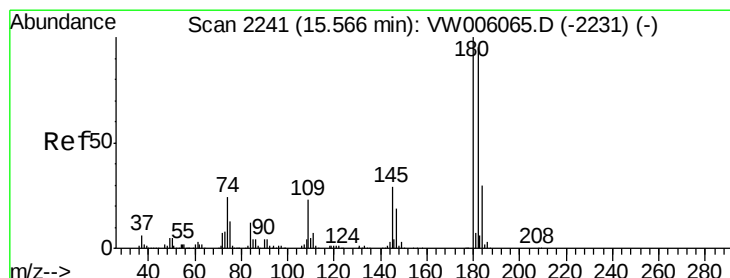
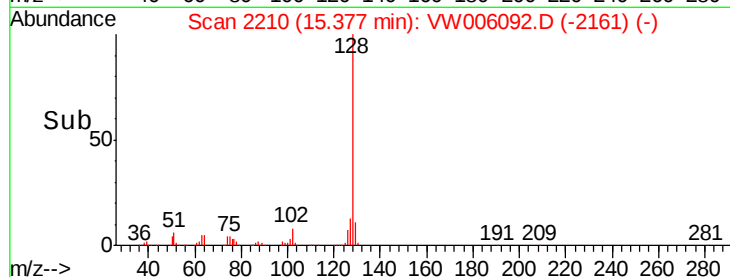
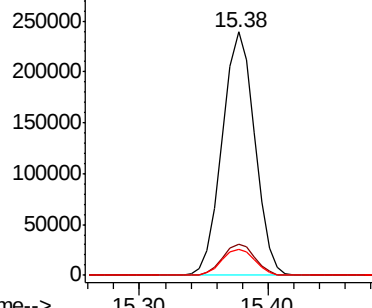
#95
Naphthalene
Concen: 49.537 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006092.D
Acq: 16 Oct 2018 21:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 416796
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.9 8.7 13.1

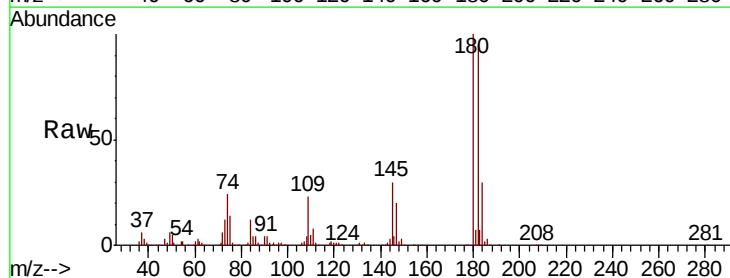


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 49.618 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006092.D
Acq: 16 Oct 2018 21:28

Tgt Ion:180 Resp: 217067
Ion Ratio Lower Upper
180 100
182 94.4 47.8 143.3
145 30.1 15.0 45.1



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

