

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112018\
 Data File : VW006948.D
 Acq On : 19 Nov 2018 17:36
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 20 04:33:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 17 04:45:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	131478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	204534	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	194348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	96093	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	62139	42.41	ug/l	0.00
Spiked Amount			Recovery	=	84.82%	
35) Dibromofluoromethane	7.89	113	57986	48.42	ug/l	0.00
Spiked Amount			Recovery	=	96.84%	
50) Toluene-d8	10.33	98	259813	50.48	ug/l	0.00
Spiked Amount			Recovery	=	100.96%	
62) 4-Bromofluorobenzene	12.62	95	100713	50.19	ug/l	0.00
Spiked Amount			Recovery	=	100.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	60033	47.691	ug/l	96
3) Chloromethane	2.21	50	52193	46.059	ug/l	98
4) Vinyl Chloride	2.36	62	51355	47.808	ug/l	97
5) Bromomethane	2.78	94	28079	48.663	ug/l	98
6) Chloroethane	2.92	64	29267	49.473	ug/l	98
7) Trichlorofluoromethane	3.27	101	98835	47.274	ug/l	100
8) Diethyl Ether	3.69	74	30950	40.909	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	62468	46.268	ug/l	98
10) Methyl Iodide	4.28	142	76317	45.984	ug/l	99
11) Tert butyl alcohol	5.21	59	18880	169.370	ug/l #	71
12) 1,1-Dichloroethene	4.04	96	55725	46.003	ug/l	99
13) Acrolein	3.90	56	29236	289.245	ug/l	99
14) Allyl chloride	4.68	41	93166	43.721	ug/l	99
15) Acrylonitrile	5.38	53	63794	216.652	ug/l	99
16) Acetone	4.14	43	46638	208.092	ug/l	94
17) Carbon Disulfide	4.38	76	179421	46.820	ug/l	99
18) Methyl Acetate	4.68	43	30855	37.620	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	152925	43.065	ug/l	97
20) Methylene Chloride	4.92	84	71410	45.993	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	63243	43.768	ug/l	97
22) Diisopropyl ether	6.32	45	187622	43.135	ug/l	99
23) Vinyl Acetate	6.26	43	495896	205.885	ug/l	99
24) 1,1-Dichloroethane	6.22	63	110241	44.016	ug/l	99
25) 2-Butanone	7.18	43	78514	210.937	ug/l	99
26) 2,2-Dichloropropane	7.17	77	97678	44.697	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	69896	43.506	ug/l	99
28) Bromochloromethane	7.52	49	38202	41.529	ug/l #	100
29) Tetrahydrofuran	7.54	42	50873	210.165	ug/l	99
30) Chloroform	7.68	83	116316	42.361	ug/l	99
31) Cyclohexane	7.96	56	112758	44.939	ug/l	93
32) 1,1,1-Trichloroethane	7.88	97	107428	45.446	ug/l	99
36) 1,1-Dichloropropene	8.09	75	96937	49.749	ug/l	99
37) Ethyl Acetate	7.26	43	34548	41.701	ug/l	99
38) Carbon Tetrachloride	8.07	117	93361	48.754	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	123666	51.140	ug/l	98
40) Benzene	8.33	78	267339	48.545	ug/l	100
41) Methacrylonitrile	7.49	41	24008	47.313	ug/l	98
42) 1,2-Dichloroethane	8.40	62	74006	44.891	ug/l	99
43) Isopropyl Acetate	8.43	43	67864	42.691	ug/l	98
44) Trichloroethene	9.10	130	73350	49.538	ug/l	100
45) 1,2-Dichloropropane	9.37	63	65393	47.010	ug/l	99
46) Dibromomethane	9.46	93	32518	46.160	ug/l	97
47) Bromodichloromethane	9.65	83	86770	46.777	ug/l	98
48) Methyl methacrylate	9.44	41	33720	43.959	ug/l	97
49) 1,4-Dioxane	9.47	88	10144	950.249	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	178995	228.463	ug/l	98
52) Toluene	10.39	92	188149	51.069	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	84876	46.820	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	102314	47.162	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	47761	45.981	ug/l	94
56) Ethyl methacrylate	10.65	69	58959	45.655	ug/l	96
57) 1,3-Dichloropropane	10.93	76	82206	46.517	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	142482	224.421	ug/l	98
59) 2-Hexanone	10.97	43	128761	245.560	ug/l	98
60) Dibromochloromethane	11.13	129	56747	47.908	ug/l	98
61) 1,2-Dibromoethane	11.24	107	45642	47.279	ug/l	99
64) Tetrachloroethene	10.87	164	62070	49.613	ug/l	95
65) Chlorobenzene	11.66	112	206518	50.325	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	61104	46.724	ug/l	100
67) Ethyl Benzene	11.74	91	376145	50.839	ug/l	98
68) m/p-Xylenes	11.84	106	291537	101.188	ug/l	100
69) o-Xylene	12.17	106	136911	50.068	ug/l	99
70) Styrene	12.18	104	225257	51.225	ug/l	99
71) Bromoform	12.35	173	29711	48.733	ug/l #	100
73) Isopropylbenzene	12.47	105	379627	49.885	ug/l	100
74) N-amyl acetate	12.27	43	65216	42.819	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	52281	46.704	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	71065	92.026	ug/l #	100
77) Bromobenzene	12.75	156	81273	50.389	ug/l	97
78) n-propylbenzene	12.81	91	453925	49.640	ug/l	99
79) 2-Chlorotoluene	12.90	91	260750	48.656	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	325976	49.746	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	15584	45.938	ug/l	98
82) 4-Chlorotoluene	12.99	91	277842	49.174	ug/l	99
83) tert-Butylbenzene	13.21	119	280303	50.371	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	325206	49.401	ug/l	99
85) sec-Butylbenzene	13.39	105	400149	50.396	ug/l	100
86) p-Isopropyltoluene	13.51	119	353001	50.868	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	165732	50.250	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	163984	49.888	ug/l	100
89) n-Butylbenzene	13.83	91	336198	51.181	ug/l	99
90) Hexachloroethane	14.10	117	52512	46.417	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	146665	49.731	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8810	45.480	ug/l	94

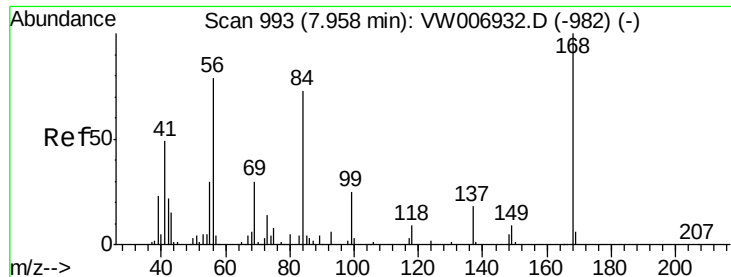
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	94369	50.857	ug/l	100
94) Hexachlorobutadiene	15.24	225	50688	51.712	ug/l	99
95) Naphthalene	15.38	128	176168	49.274	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	80018	50.303	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. -0.01 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

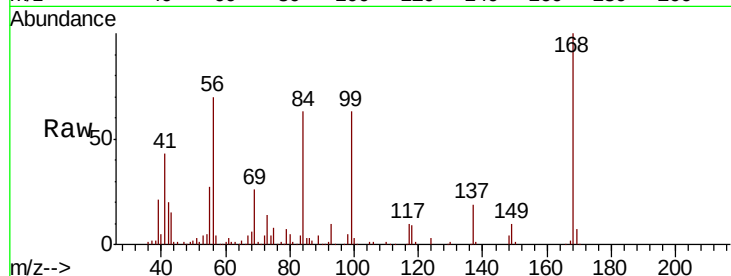
VSTDCCC050

Tot Ion:168 Resp: 131478

Ion Ratio Lower Upper

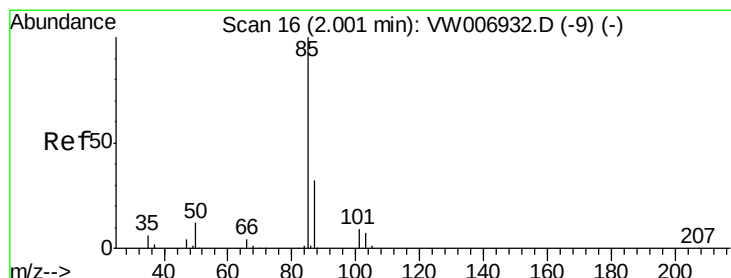
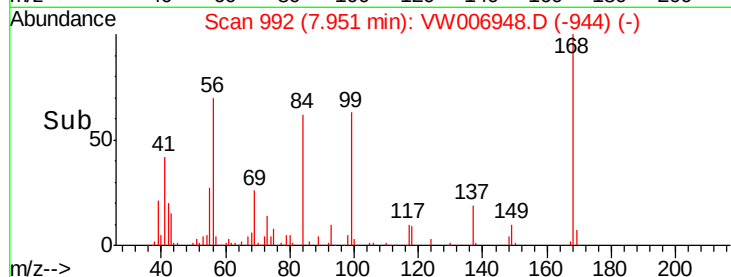
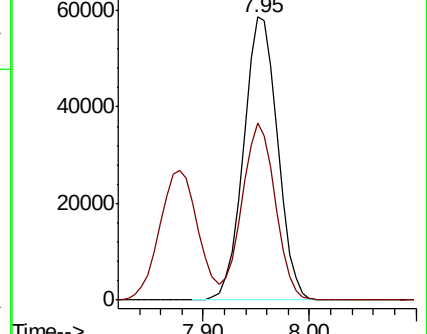
168 100

99 62.7 49.3 73.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 47.691 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW006948.D

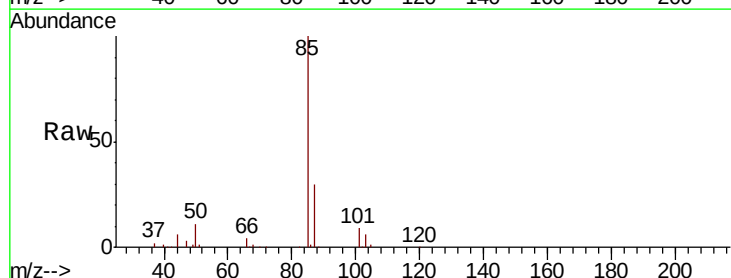
Acq: 19 Nov 2018 17:36

Tgt Ion: 85 Resp: 60033

Ion Ratio Lower Upper

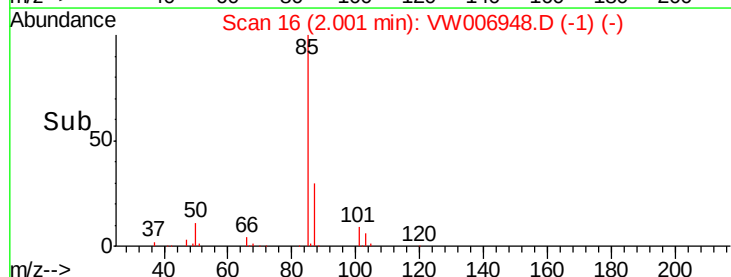
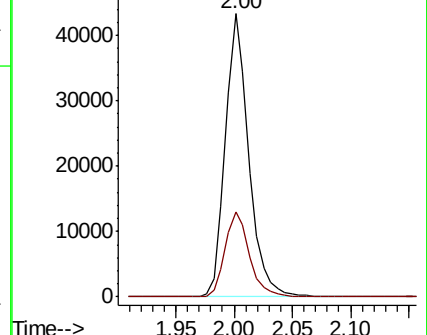
85 100

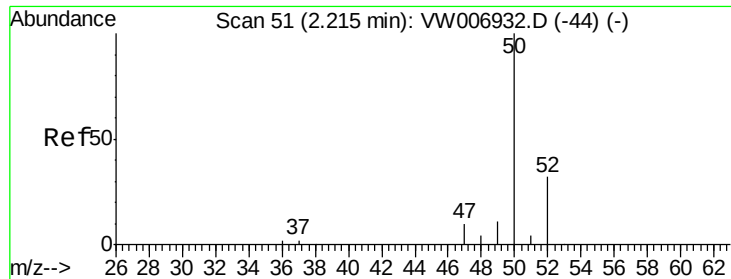
87 29.9 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

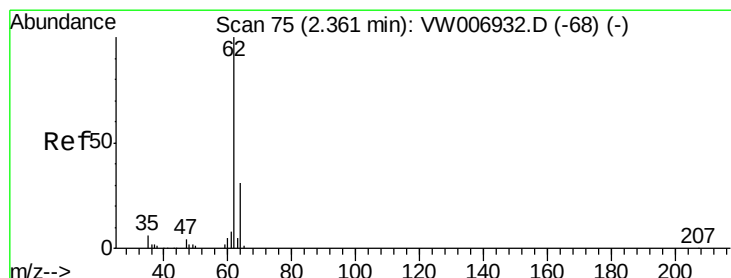
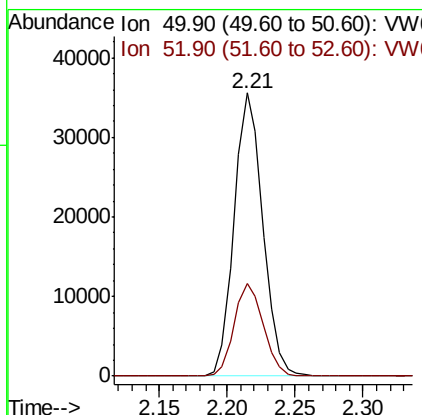
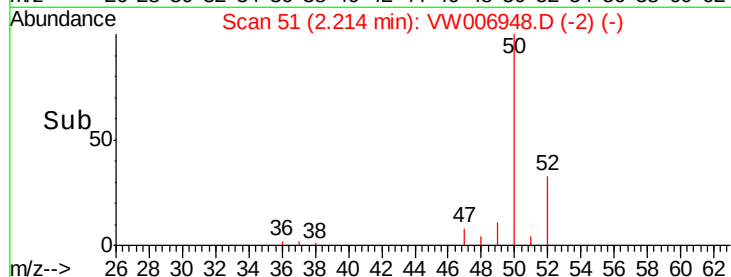
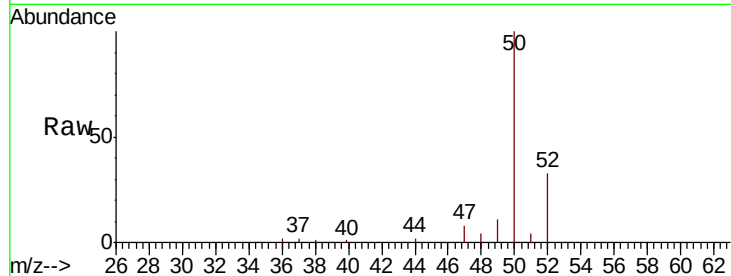




#3
Chloromethane
Concen: 46.059 ug/l
RT: 2.21 min Scan# 51
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

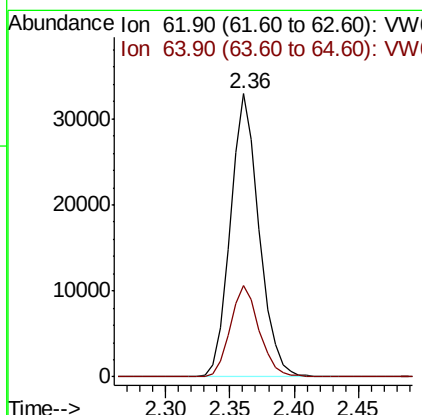
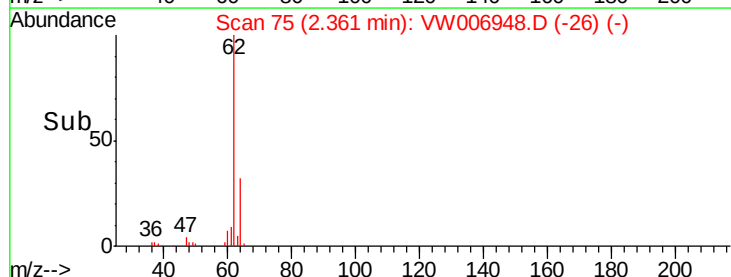
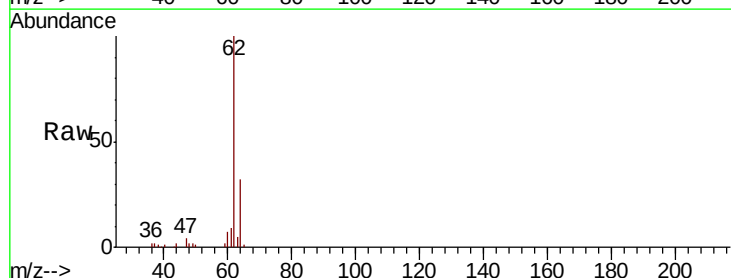
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

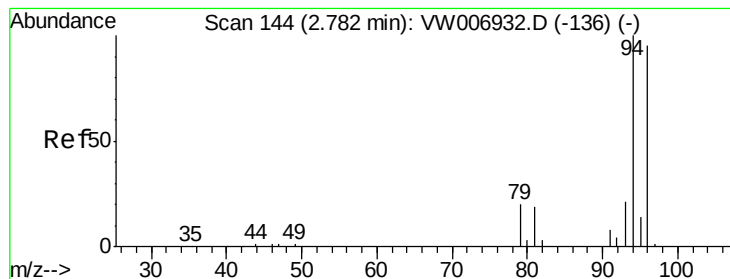
Tot Ion: 50 Resp: 52193
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.2



#4
Vinyl Chloride
Concen: 47.808 ug/l
RT: 2.36 min Scan# 75
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Tgt Ion: 62 Resp: 51355
Ion Ratio Lower Upper
62 100
64 32.4 24.6 37.0





#5

Bromomethane

Concen: 48.663 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

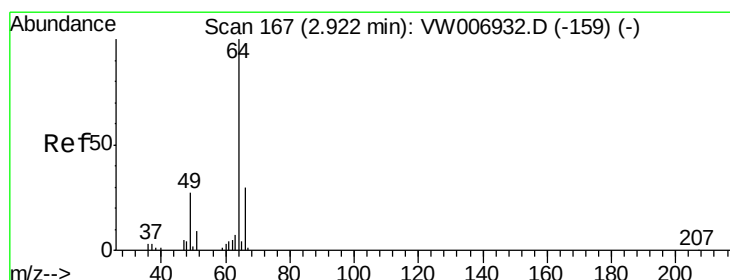
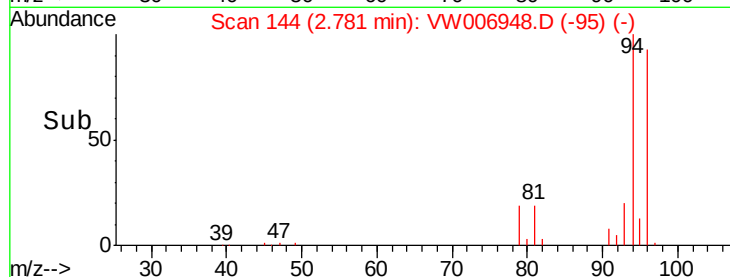
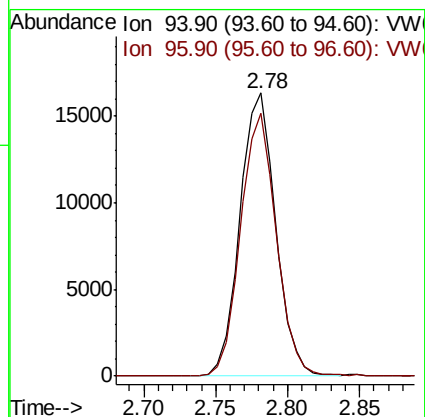
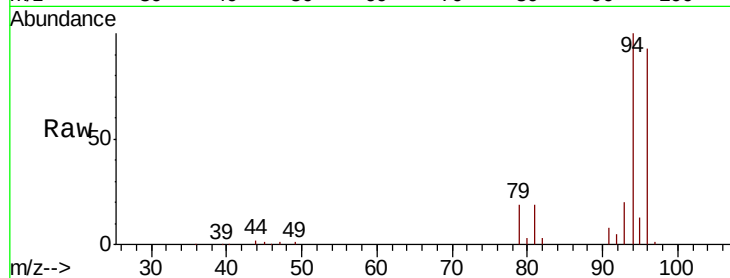
VSTDCCC050

Tot Ion: 94 Resp: 28079

Ion Ratio Lower Upper

94 100

96 93.0 76.2 114.4



#6

Chloroethane

Concen: 49.473 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW006948.D

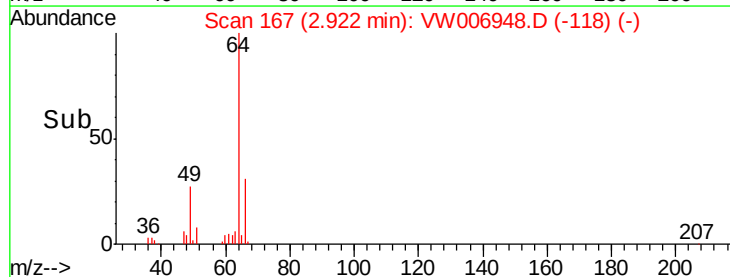
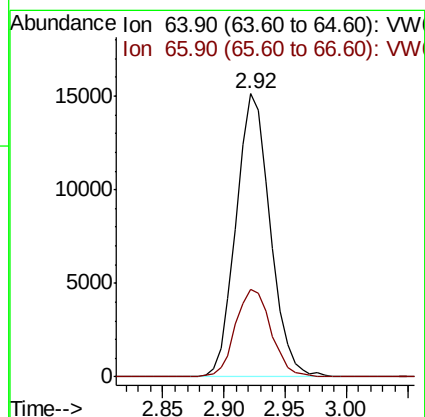
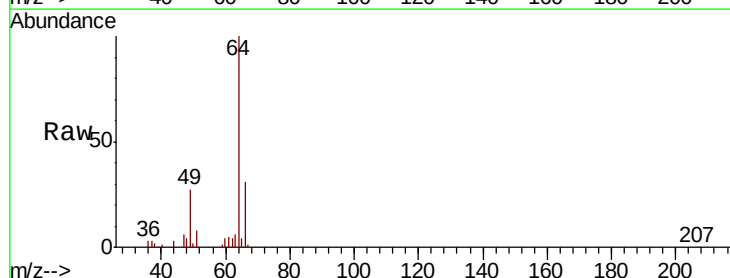
Acq: 19 Nov 2018 17:36

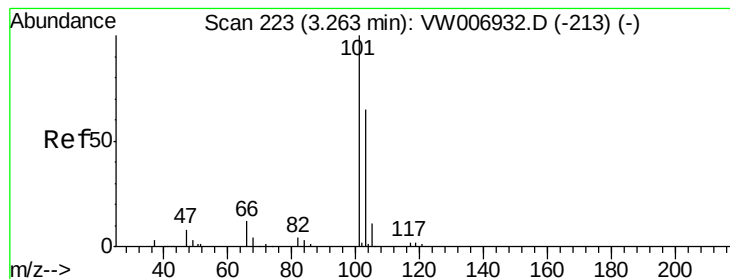
Tgt Ion: 64 Resp: 29267

Ion Ratio Lower Upper

64 100

66 30.8 24.0 36.0



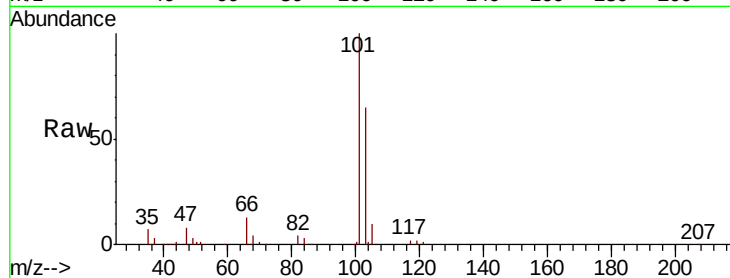


#7

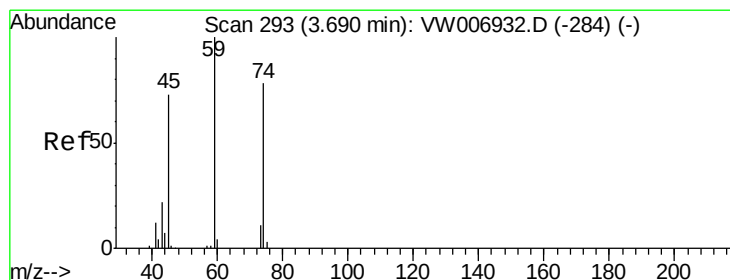
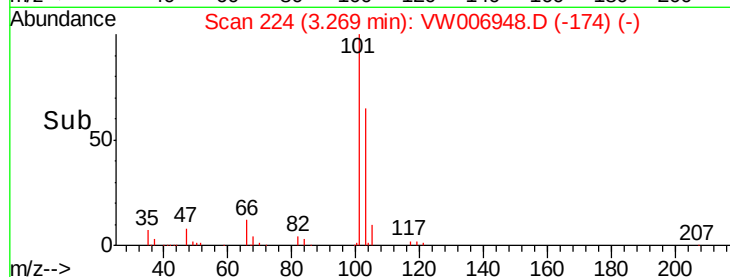
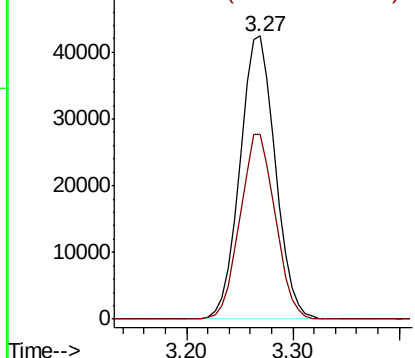
Trichlorofluoromethane
 Concen: 47.274 ug/l
 RT: 3.27 min Scan# 224
 Delta R.T. 0.01 min
 Lab File: VW006948.D
 Acq: 19 Nov 2018 17:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:101 Resp: 98835
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.2 78.2



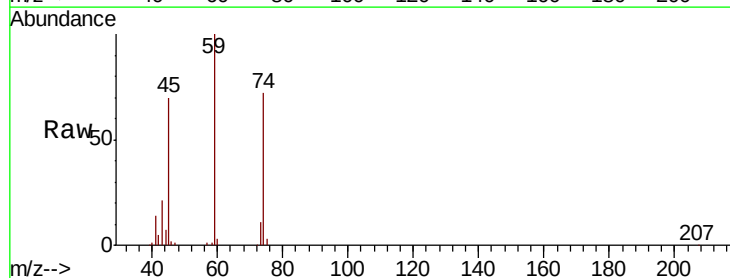
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



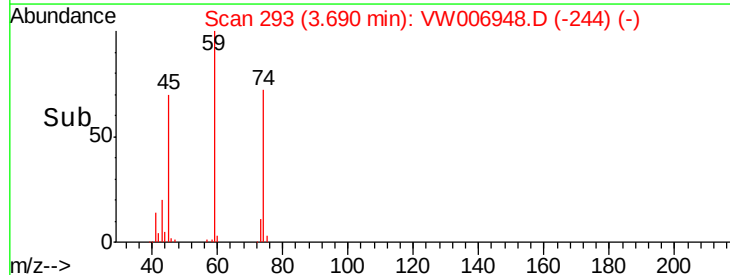
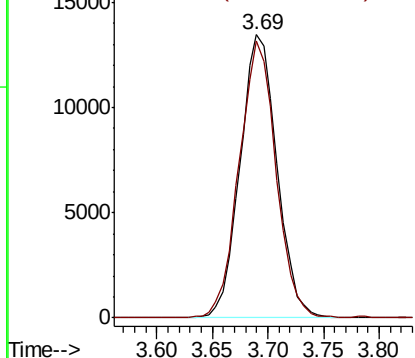
#8

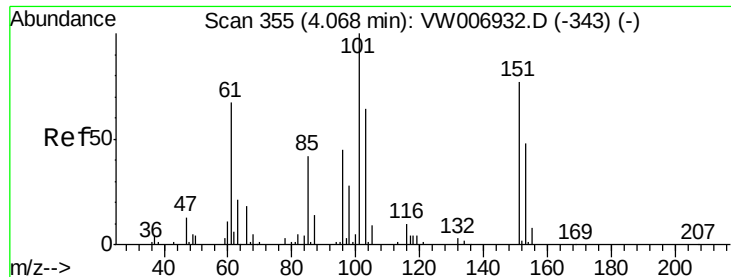
Diethyl Ether
 Concen: 40.909 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW006948.D
 Acq: 19 Nov 2018 17:36

Tgt Ion: 74 Resp: 30950
 Ion Ratio Lower Upper
 74 100
 45 97.6 48.0 144.2



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.268 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

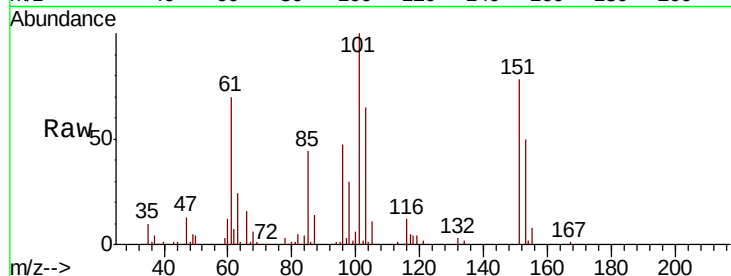
Tot Ion:101 Resp: 62468

Ion Ratio Lower Upper

101 100

85 43.3 34.5 51.7

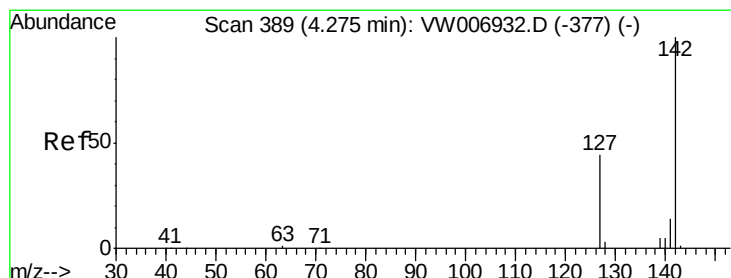
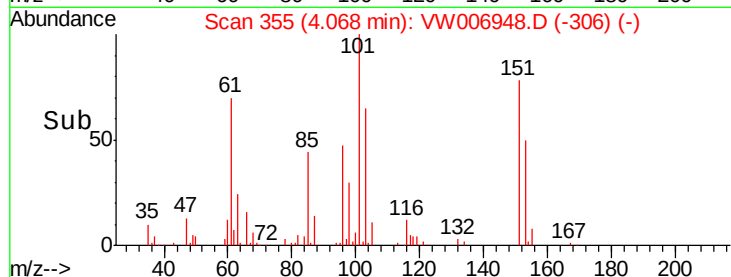
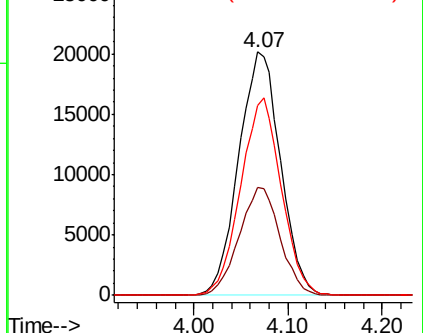
151 79.0 61.5 92.3



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: 45.984 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

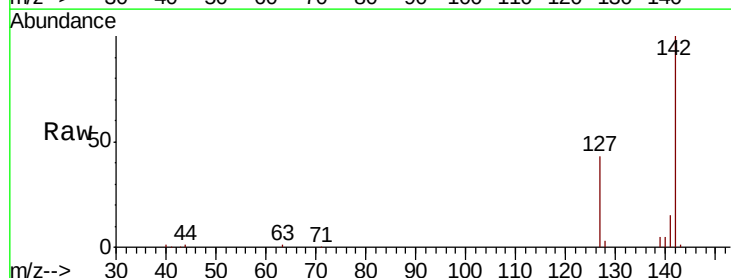
Tgt Ion:142 Resp: 76317

Ion Ratio Lower Upper

142 100

127 43.6 34.4 51.6

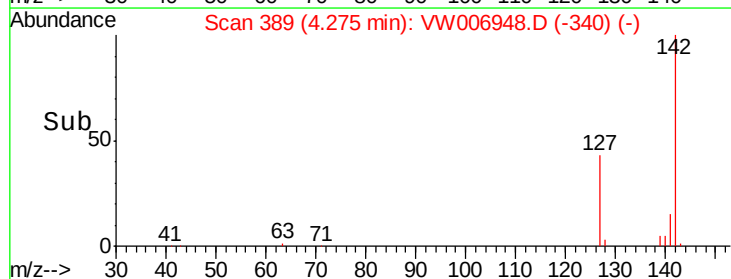
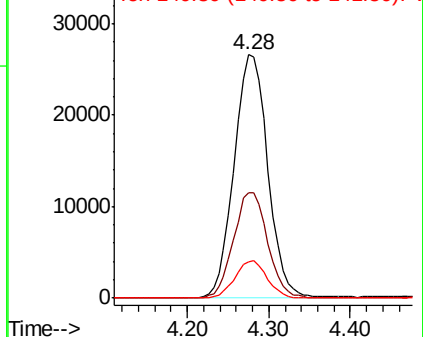
141 14.7 11.5 17.3

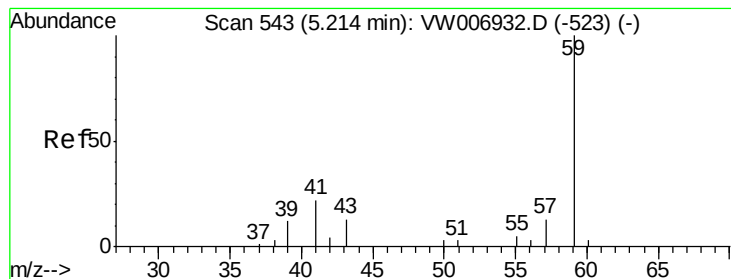


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



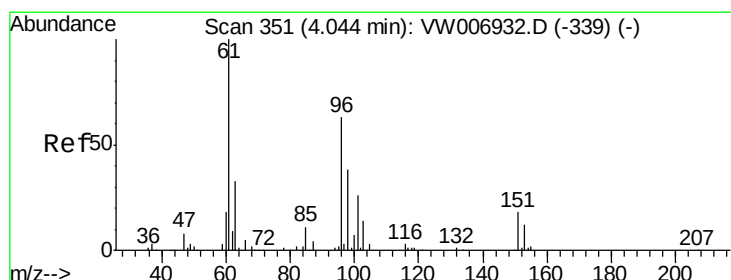
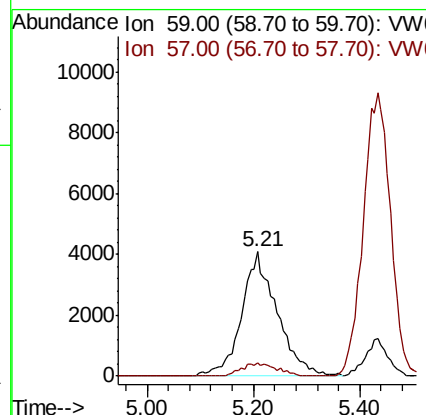
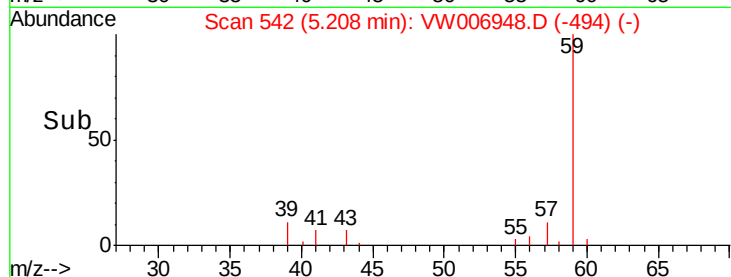
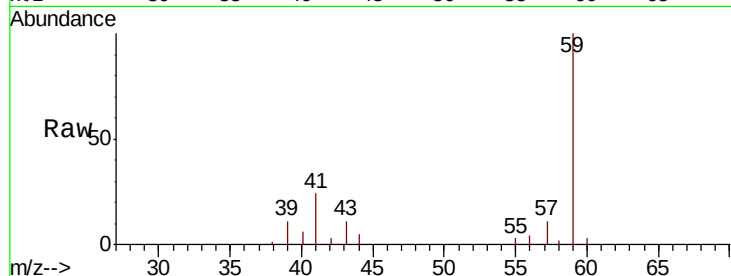


#11

Tert butyl alcohol
 Concen: 169.370 ug/l
 RT: 5.21 min Scan# 542
 Delta R.T. -0.01 min
 Lab File: VW006948.D
 Acq: 19 Nov 2018 17:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

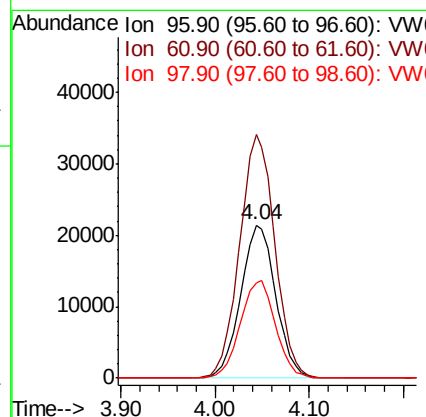
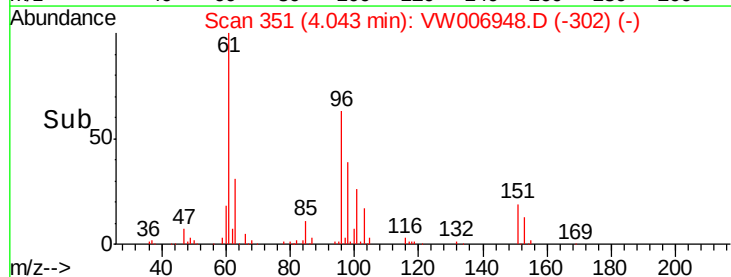
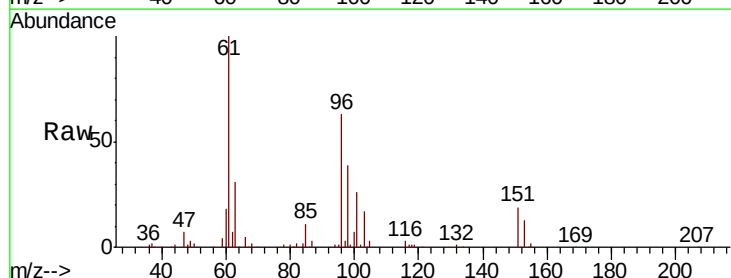
Tot Ion: 59 Resp: 18880
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.8 13.2#

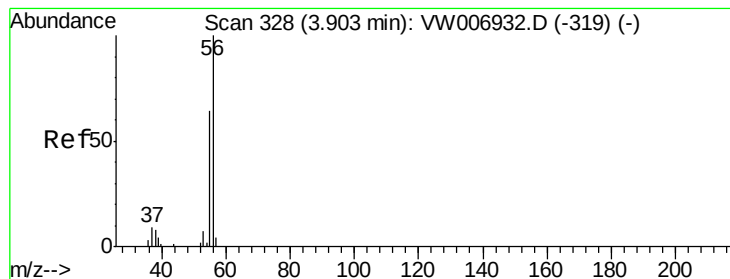


#12

1,1-Dichloroethene
 Concen: 46.003 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VW006948.D
 Acq: 19 Nov 2018 17:36

Tgt Ion: 96 Resp: 55725
 Ion Ratio Lower Upper
 96 100
 61 158.8 127.8 191.8
 98 62.0 48.3 72.5





#13

Acrolein

Concen: 289.245 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

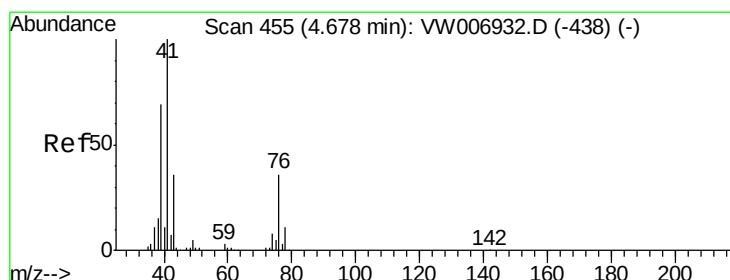
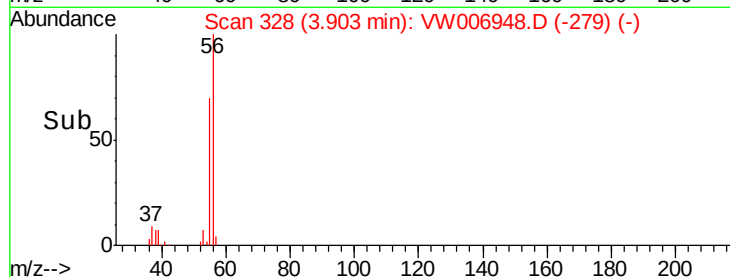
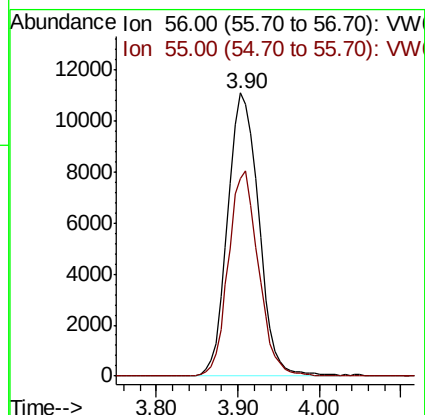
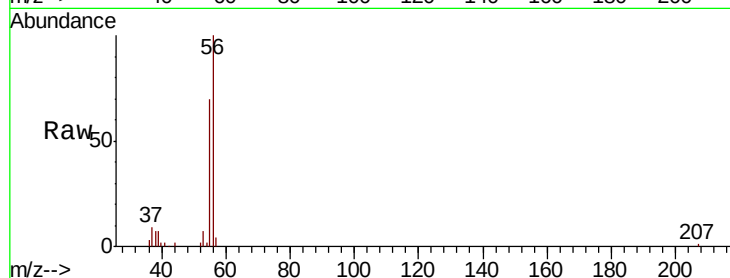
VSTDCCC050

Tot Ion: 56 Resp: 29236

Ion Ratio Lower Upper

56 100

55 70.0 56.5 84.7



#14

Allyl chloride

Concen: 43.721 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

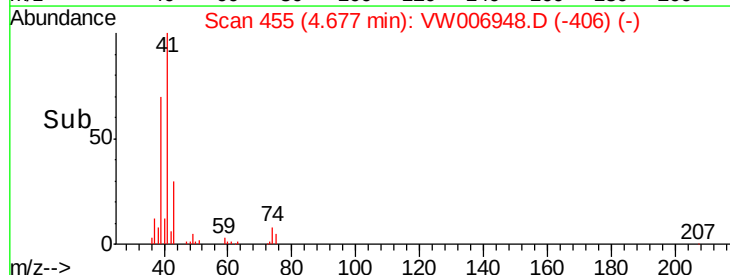
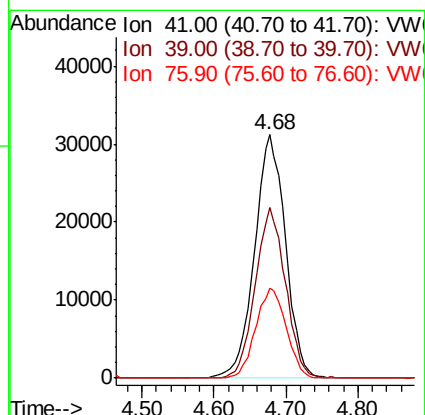
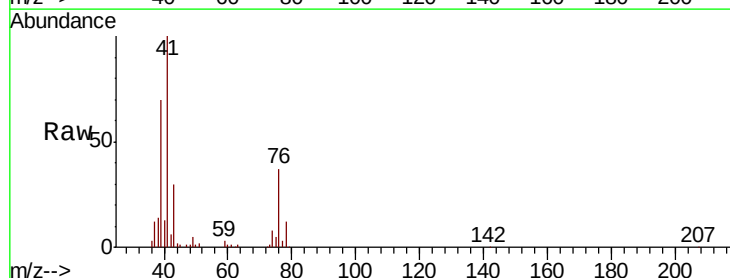
Tgt Ion: 41 Resp: 93166

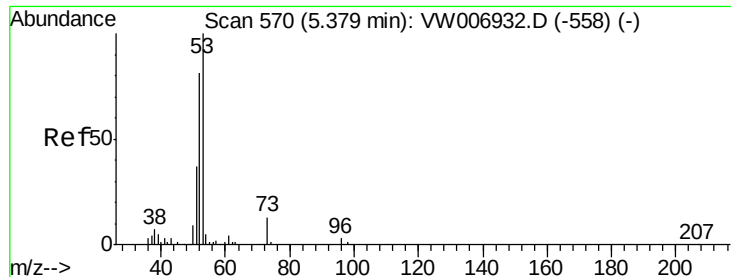
Ion Ratio Lower Upper

41 100

39 68.4 55.0 82.4

76 36.4 28.0 42.0





#15

Acrylonitrile

Concen: 216.652 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

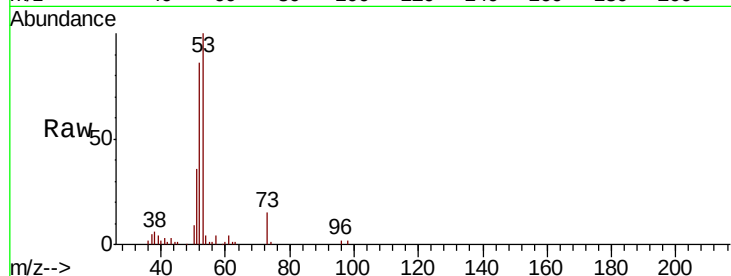
Tot Ion: 53 Resp: 63794

Ion Ratio Lower Upper

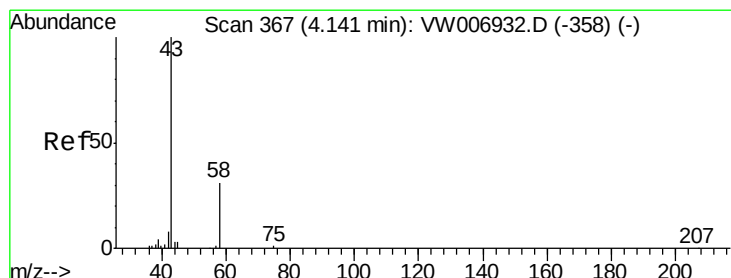
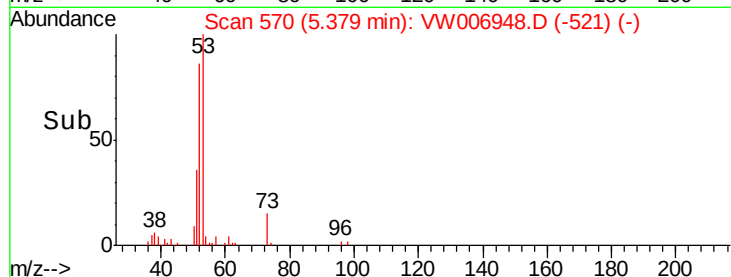
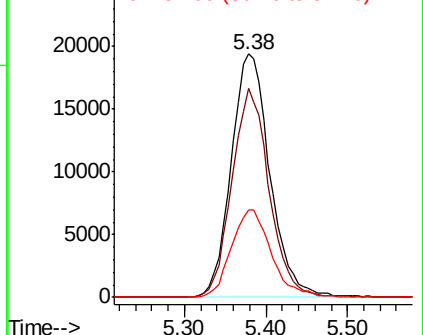
53 100

52 82.6 67.0 100.6

51 37.2 29.8 44.6



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: 208.092 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.00 min

Lab File: VW006948.D

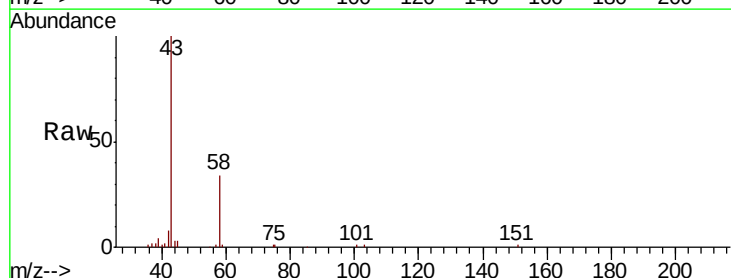
Acq: 19 Nov 2018 17:36

Tgt Ion: 43 Resp: 46638

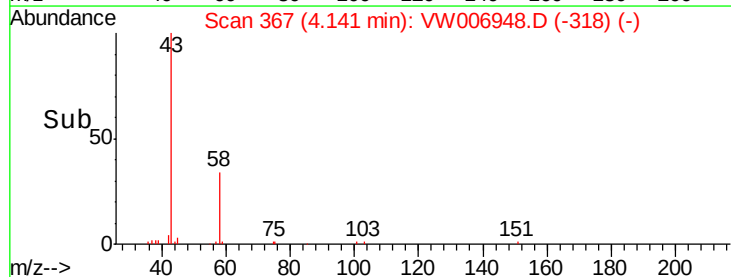
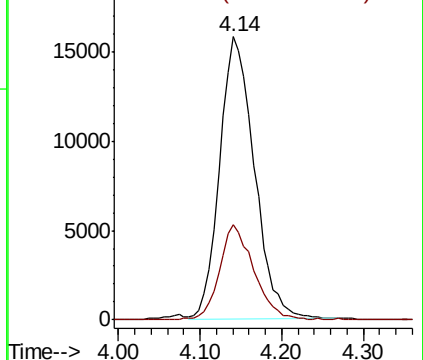
Ion Ratio Lower Upper

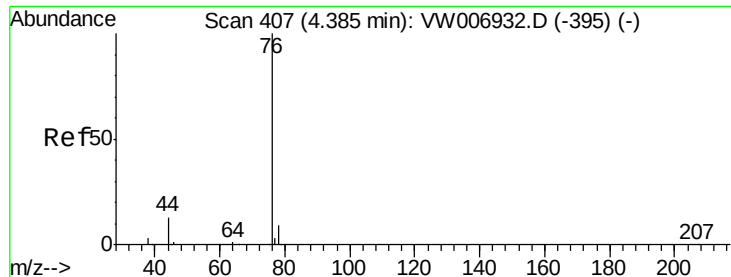
43 100

58 33.4 24.2 36.4



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

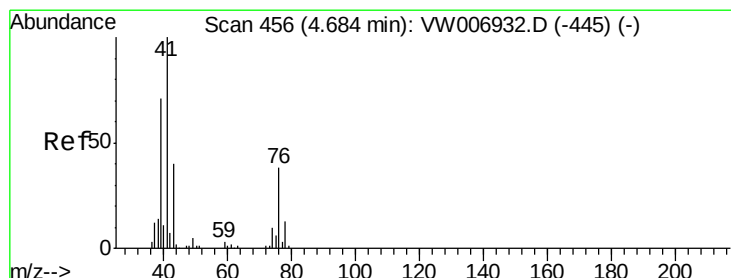
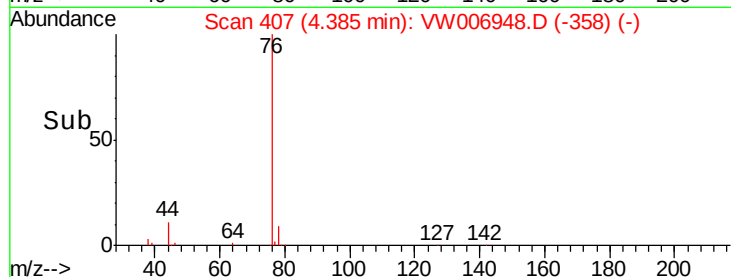
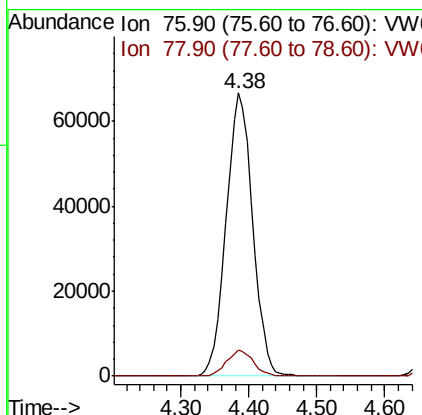
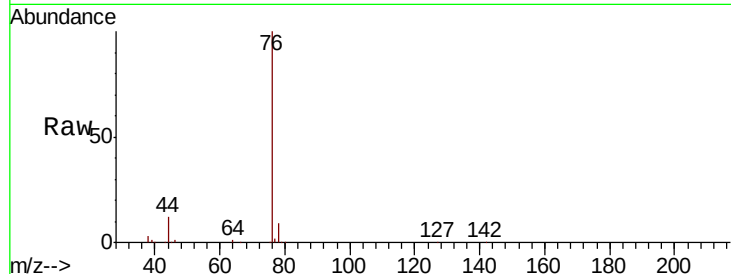




#17
Carbon Disulfide
Concen: 46.820 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

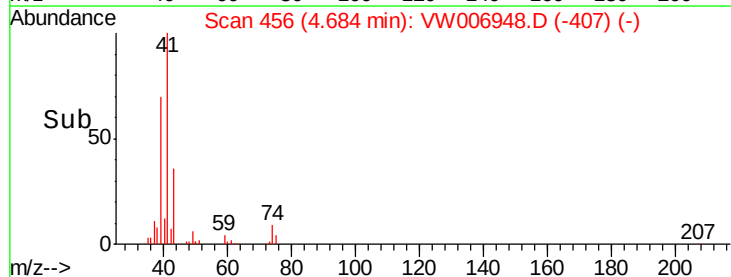
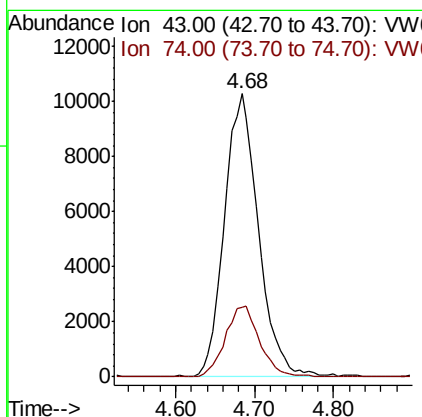
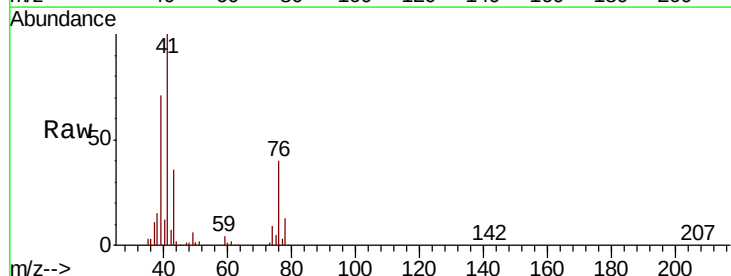
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

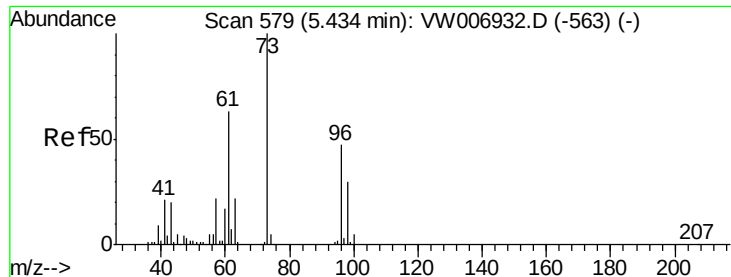
Tot Ion: 76 Resp: 179421
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 37.620 ug/l
RT: 4.68 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Tgt Ion: 43 Resp: 30855
Ion Ratio Lower Upper
43 100
74 25.1 20.3 30.5

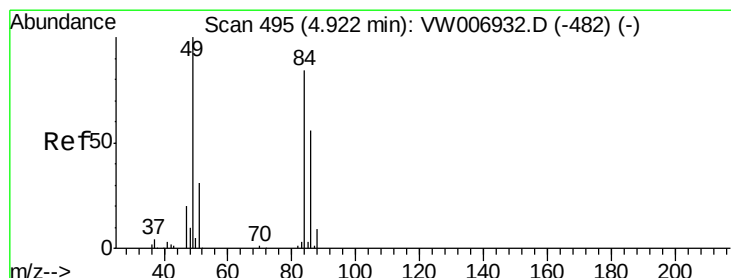
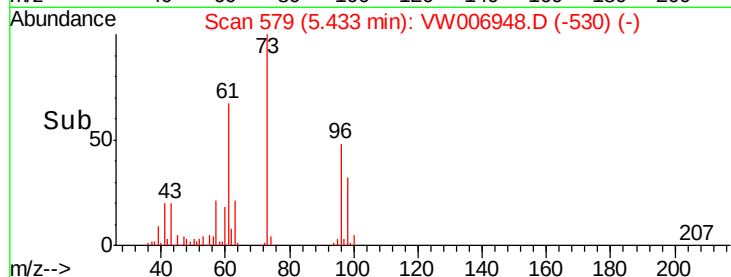
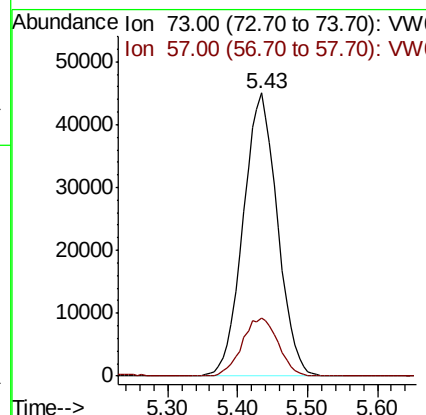
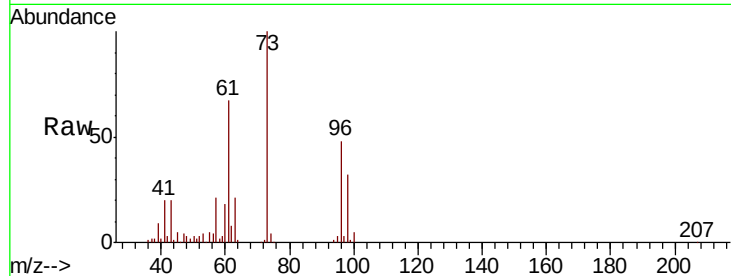




#19
Methyl tert-butyl Ether
Concen: 43.065 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

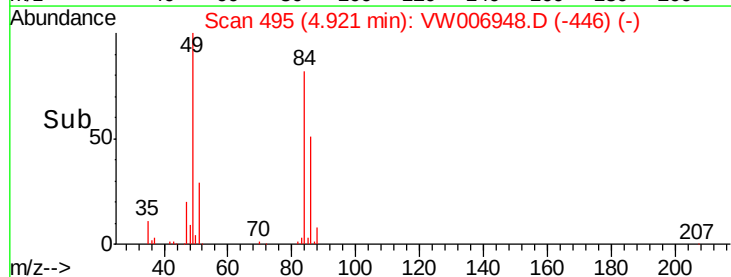
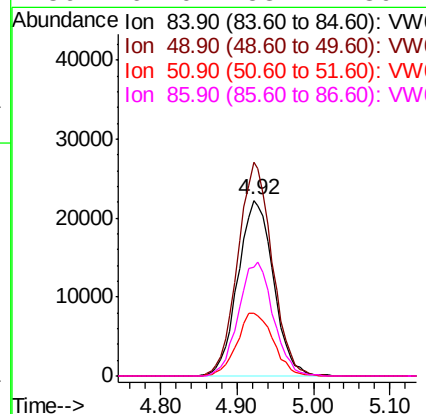
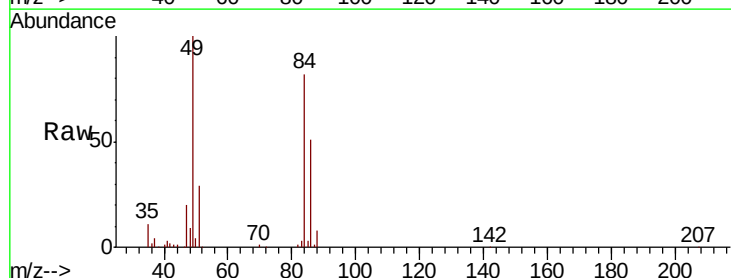
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

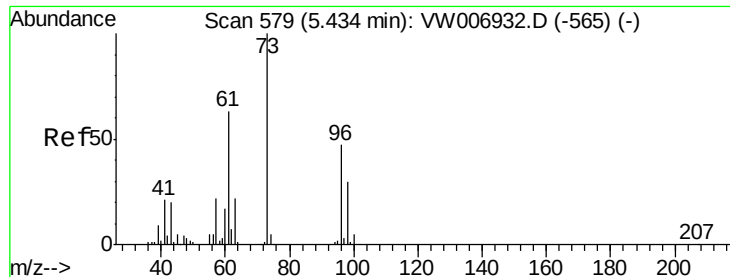
Tot Ion: 73 Resp: 152925
Ion Ratio Lower Upper
73 100
57 20.7 17.5 26.3



#20
Methylene Chloride
Concen: 45.993 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Tgt Ion: 84 Resp: 71410
Ion Ratio Lower Upper
84 100
49 121.7 95.4 143.2
51 35.7 29.5 44.3
86 62.0 53.4 80.2





#21

trans-1,2-Dichloroethene

Concen: 43.768 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

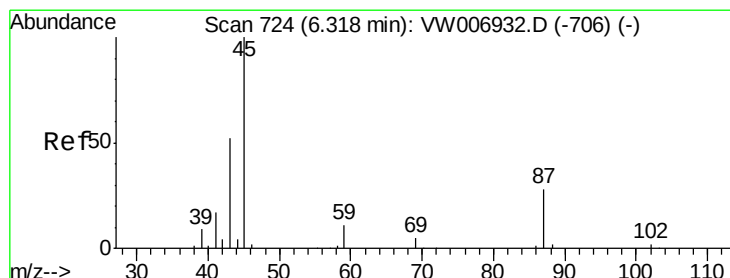
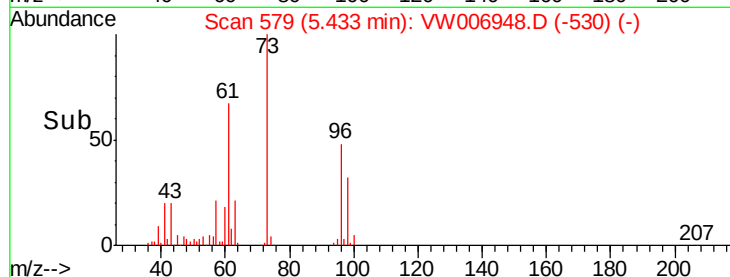
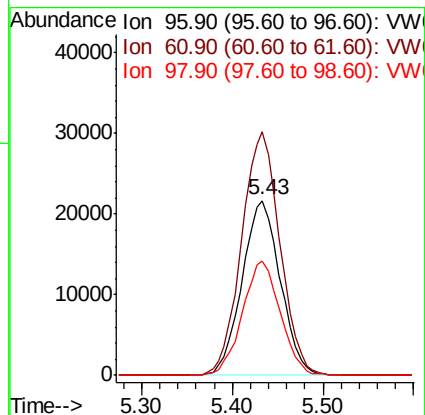
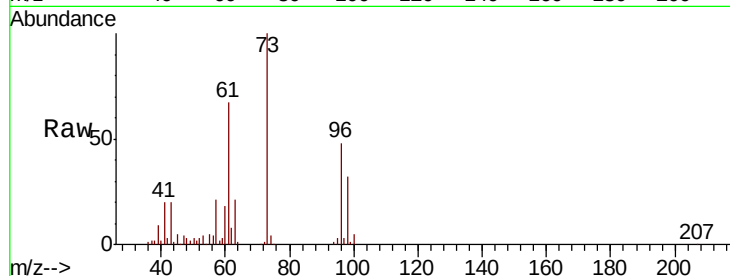
Tot Ion: 96 Resp: 63243

Ion Ratio Lower Upper

96 100

61 139.4 108.2 162.4

98 65.6 50.6 76.0



#22

Diisopropyl ether

Concen: 43.135 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

Tgt Ion: 45 Resp: 187622

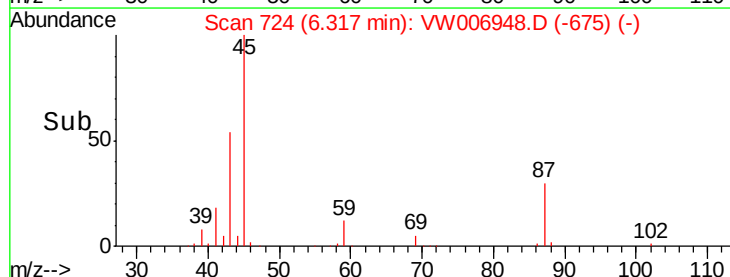
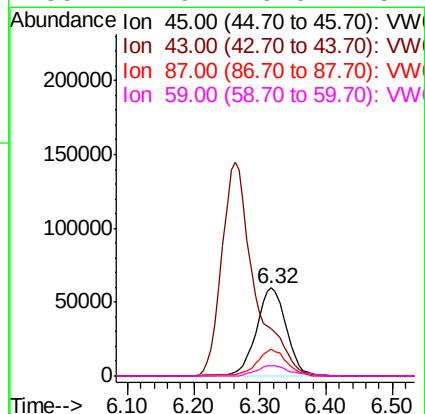
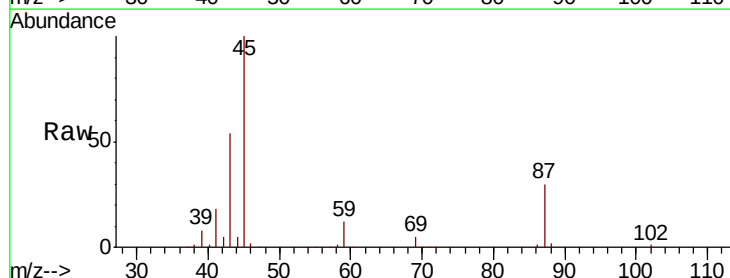
Ion Ratio Lower Upper

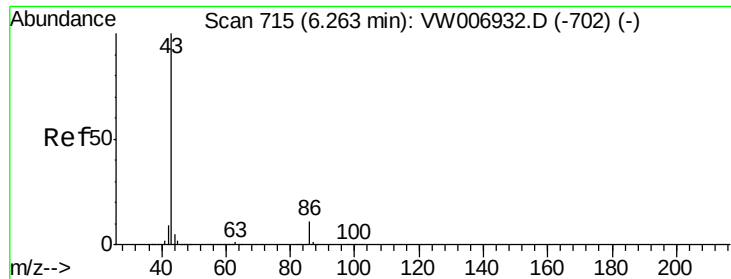
45 100

43 53.5 43.1 64.7

87 30.0 22.7 34.1

59 11.6 9.0 13.4





#23

Vinyl Acetate

Concen: 205.885 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

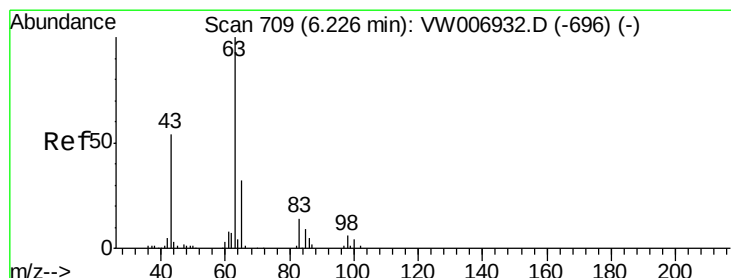
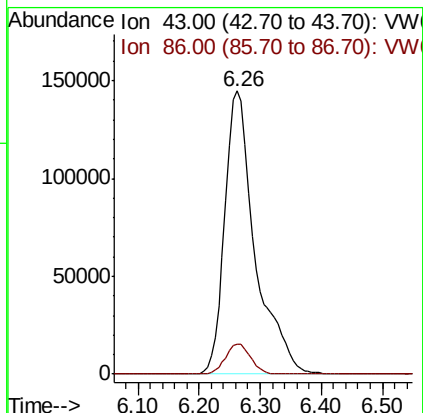
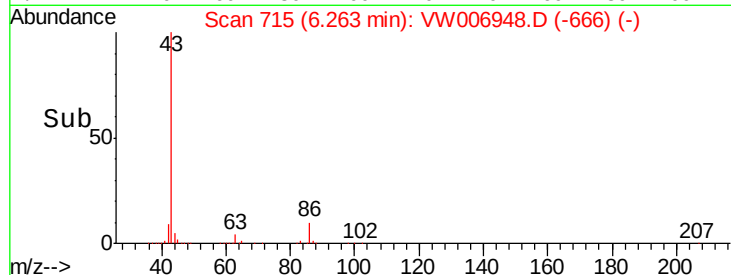
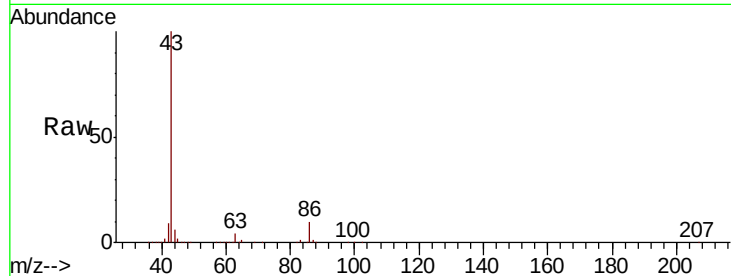
VSTDCCC050

Tot Ion: 43 Resp: 495896

Ion Ratio Lower Upper

43 100

86 10.5 8.7 13.1



#24

1,1-Dichloroethane

Concen: 44.016 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

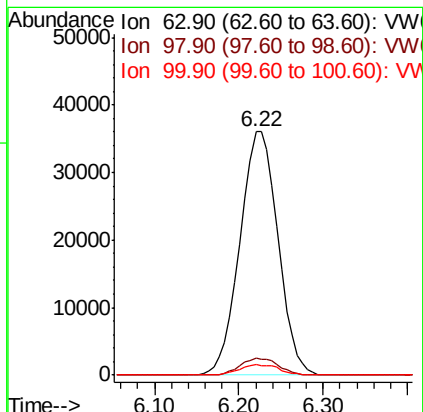
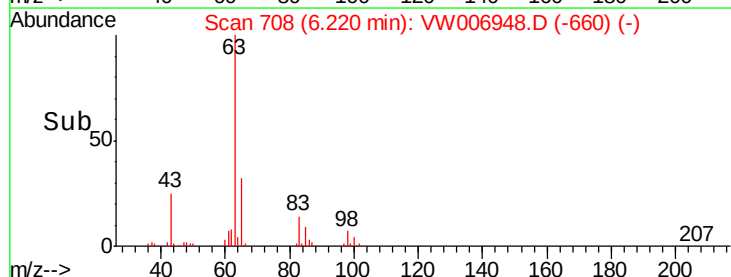
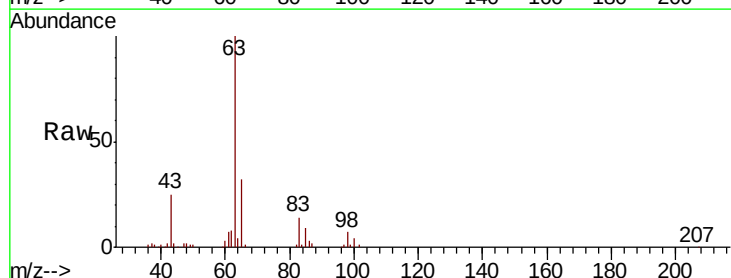
Tgt Ion: 63 Resp: 110241

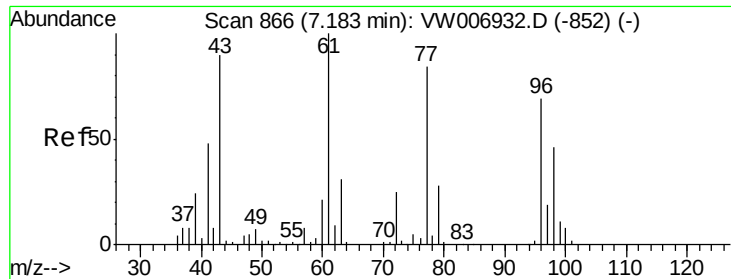
Ion Ratio Lower Upper

63 100

98 6.9 3.2 9.6

100 4.5 2.1 6.5





#25

2-Butanone

Concen: 210.937 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

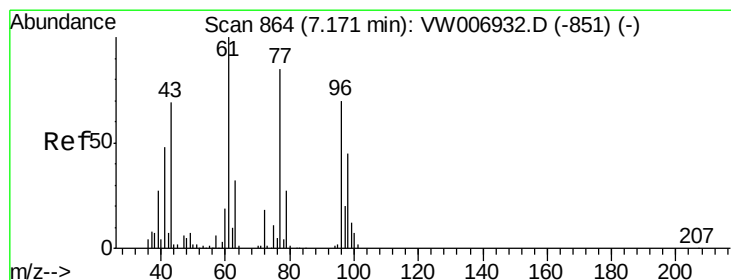
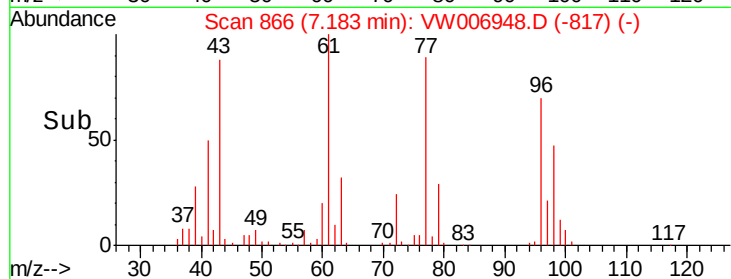
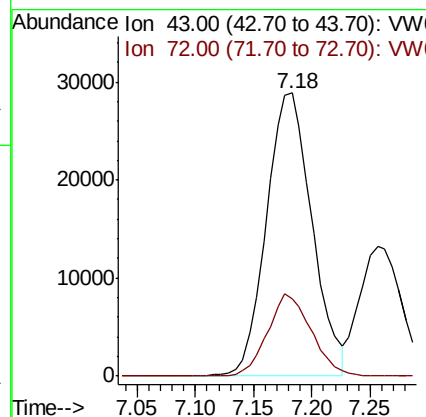
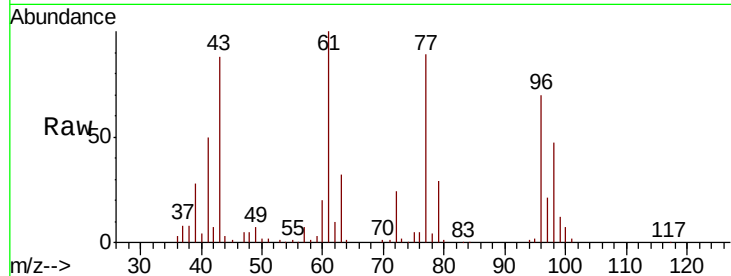
VSTDCCC050

Tot Ion: 43 Resp: 78514

Ion Ratio Lower Upper

43 100

72 27.3 22.1 33.1



#26

2,2-Dichloropropane

Concen: 44.697 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006948.D

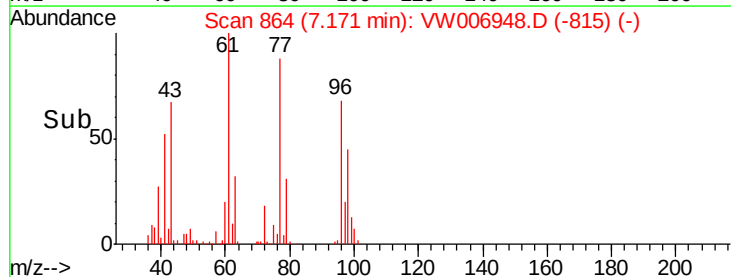
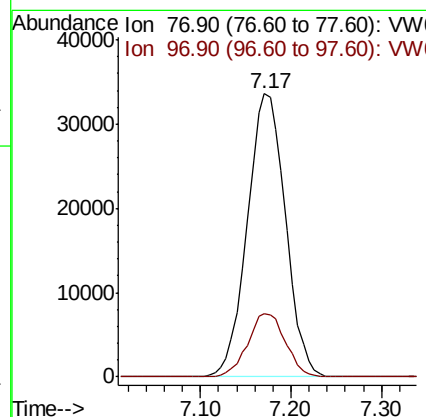
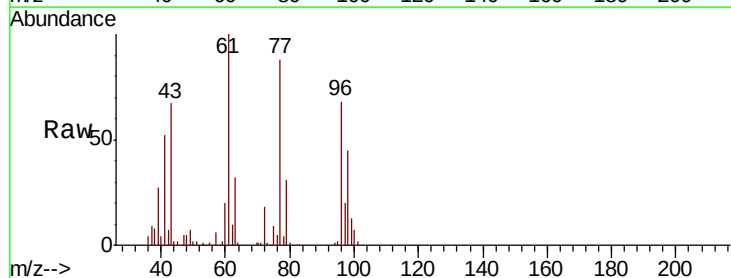
Acq: 19 Nov 2018 17:36

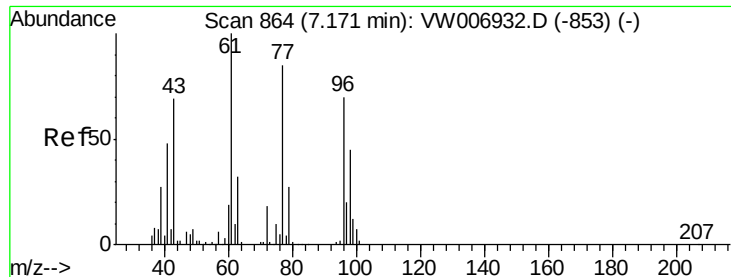
Tgt Ion: 77 Resp: 97678

Ion Ratio Lower Upper

77 100

97 22.2 11.3 33.9



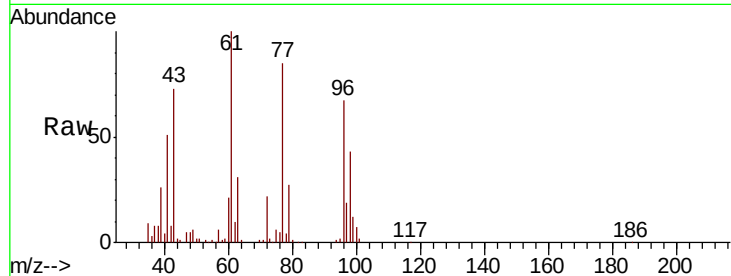


#27

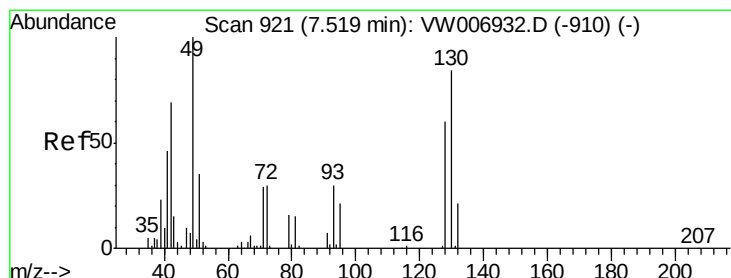
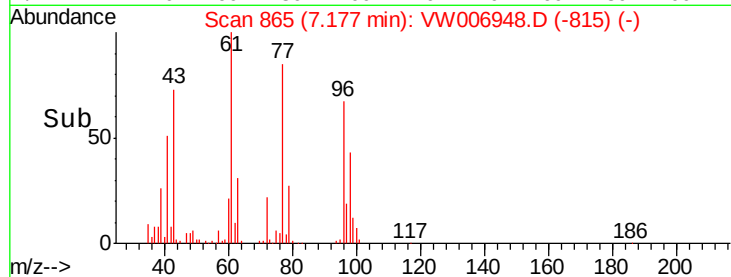
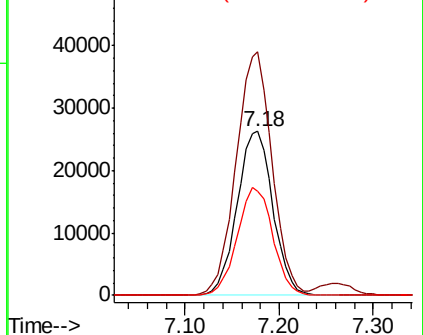
cis-1,2-Dichloroethene
Concen: 43.506 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.8	0.0	293.8
98	65.3	0.0	131.0



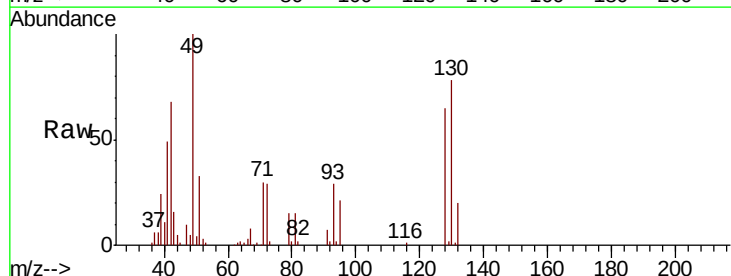
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



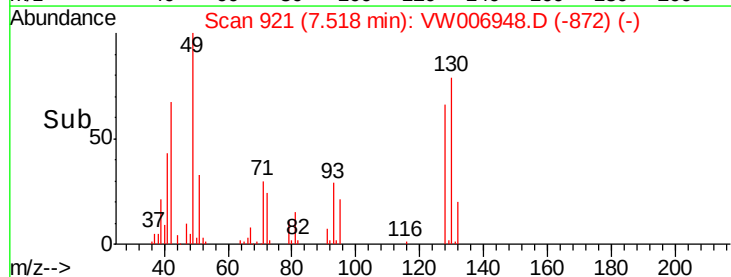
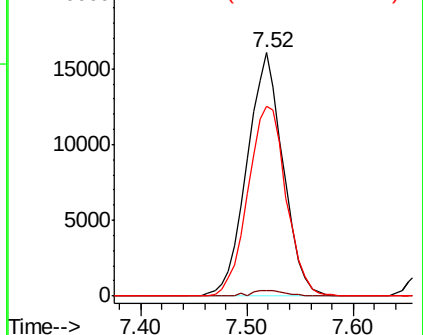
#28

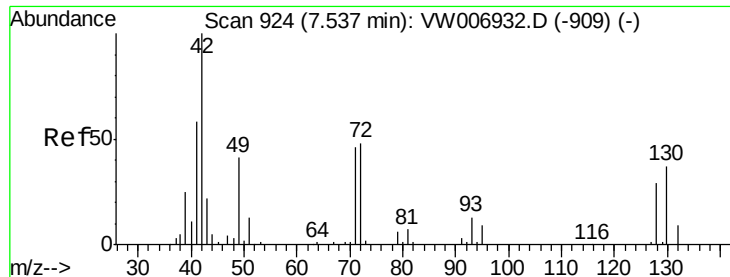
Bromochloromethane
Concen: 41.529 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	1.6#
130	82.5	66.1	99.1



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





#29

Tetrahydrofuran

Concen: 210.165 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

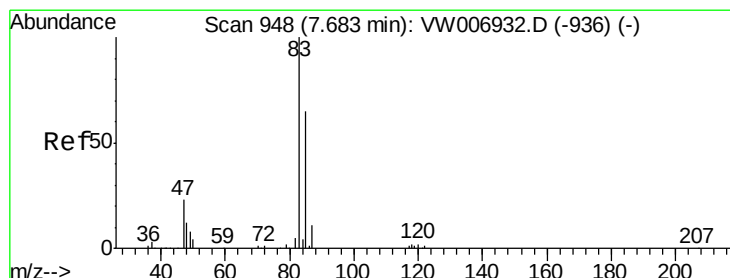
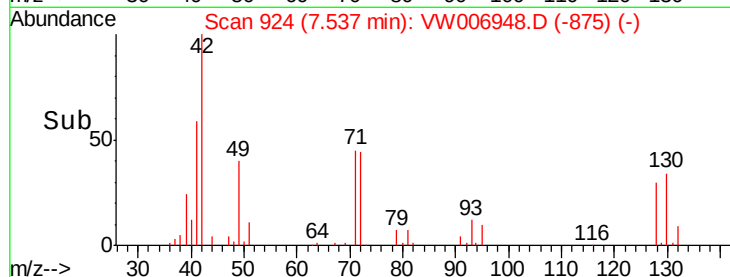
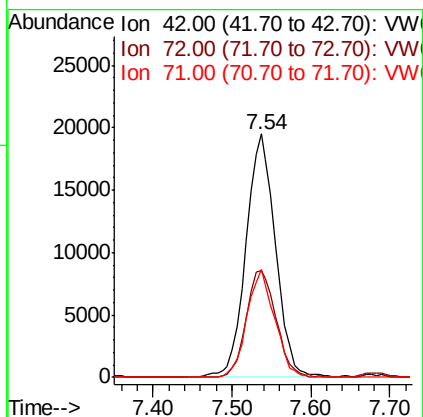
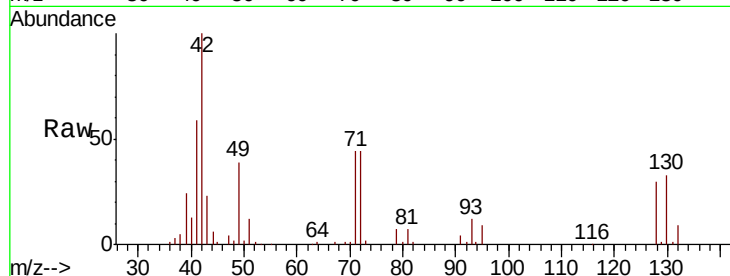
Tot Ion: 42 Resp: 50873

Ion Ratio Lower Upper

42 100

72 44.3 35.7 53.5

71 41.6 33.7 50.5



#30

Chloroform

Concen: 42.361 ug/l

RT: 7.68 min Scan# 948

Delta R.T. -0.00 min

Lab File: VW006948.D

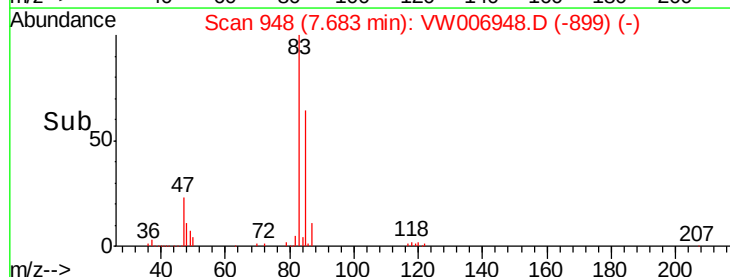
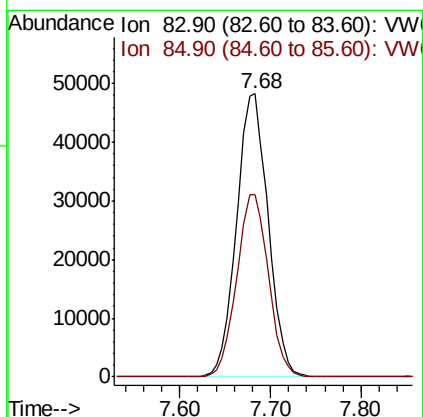
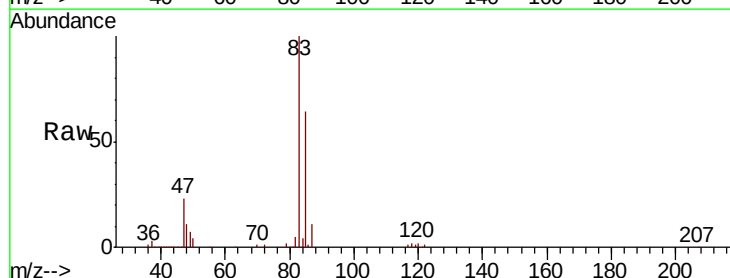
Acq: 19 Nov 2018 17:36

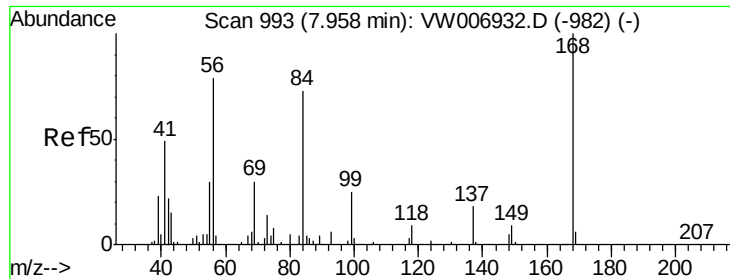
Tgt Ion: 83 Resp: 116316

Ion Ratio Lower Upper

83 100

85 64.3 52.2 78.4

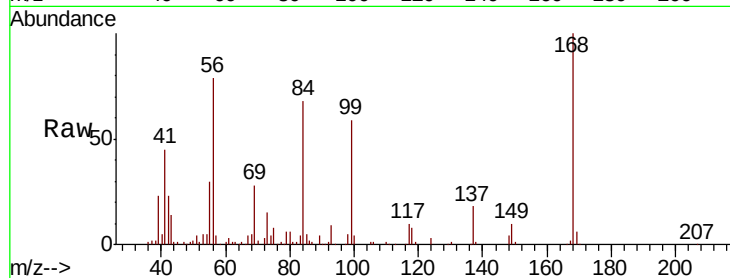




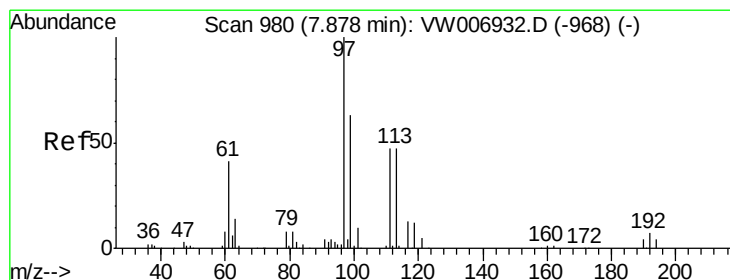
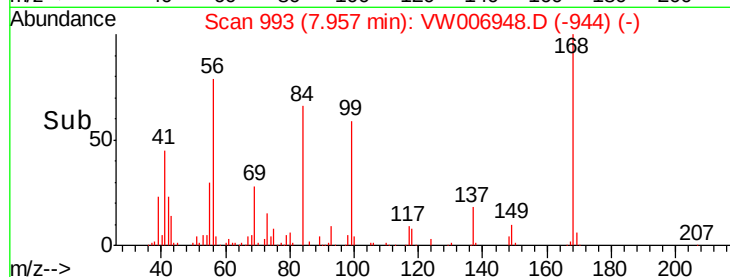
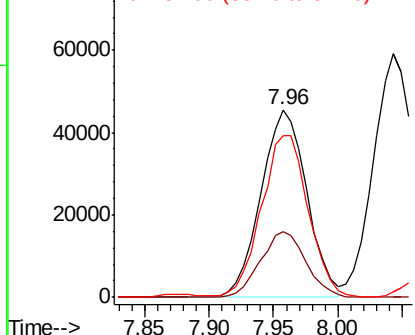
#31
Cyclohexane
Concen: 44.939 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 112758
Ion Ratio Lower Upper
56 100
69 35.3 30.2 45.2
84 84.4 73.6 110.4

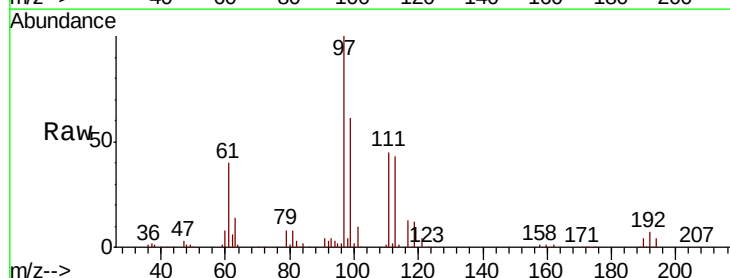


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

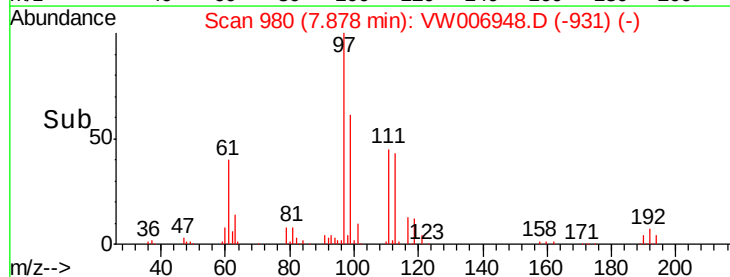
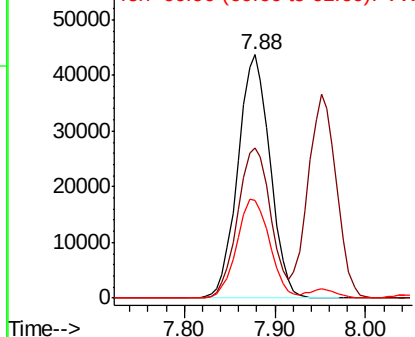


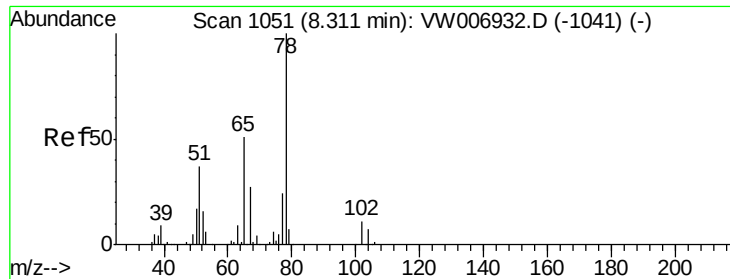
#32
1,1,1-Trichloroethane
Concen: 45.446 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Tgt Ion: 97 Resp: 107428
Ion Ratio Lower Upper
97 100
99 63.5 51.0 76.6
61 41.8 34.2 51.2



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

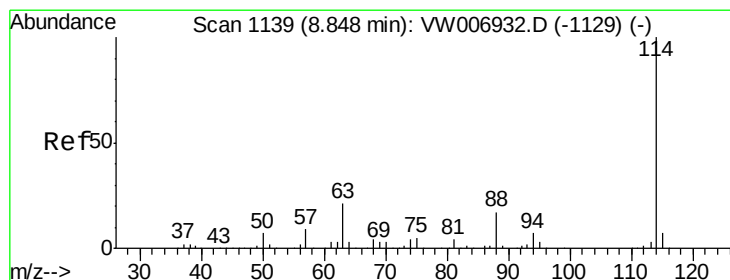
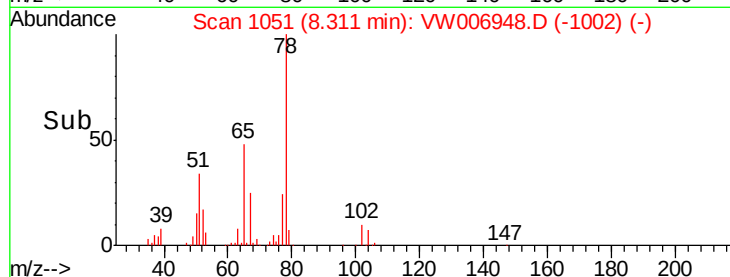
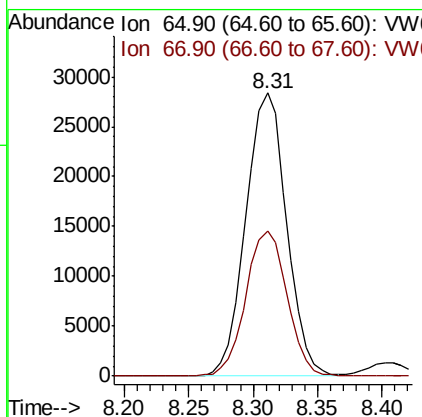
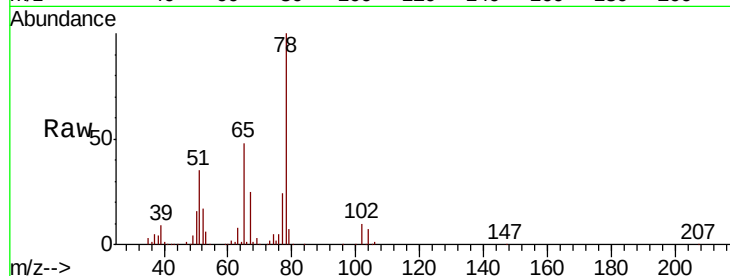




#33
 1,2-Dichloroethane-d4
 Concen: 42.408 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006948.D
 Acq: 19 Nov 2018 17:36

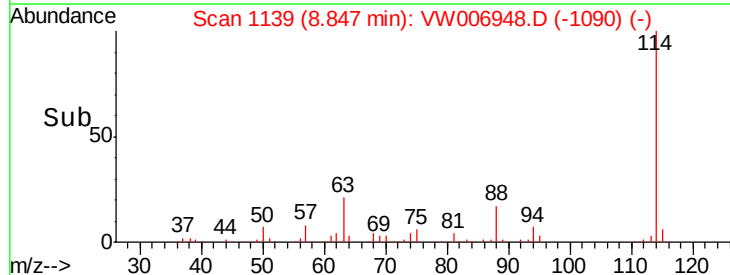
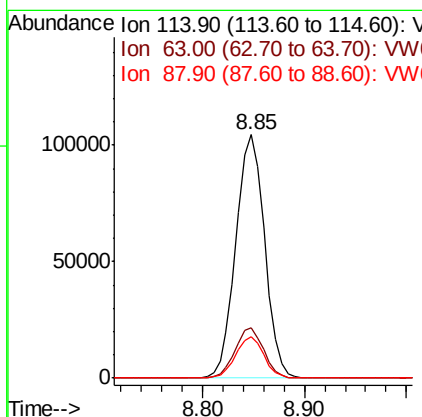
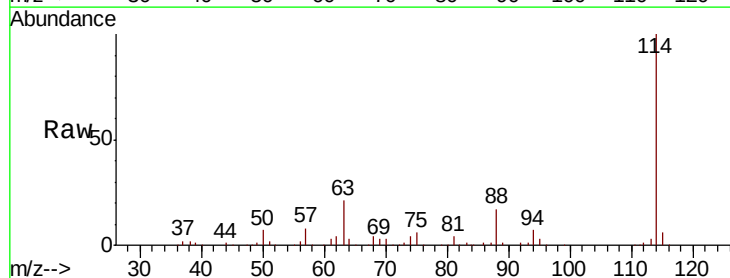
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

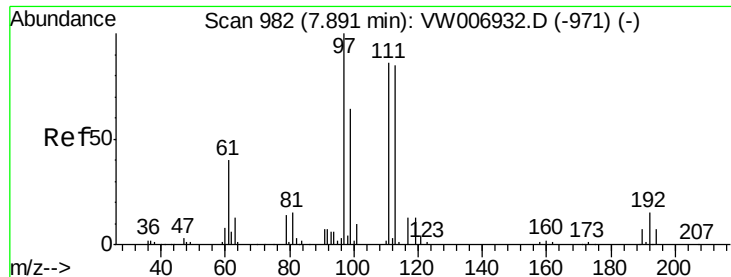
Tot Ion: 65 Resp: 62139
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006948.D
 Acq: 19 Nov 2018 17:36

Tgt Ion: 114 Resp: 204534
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.2
 88 17.1 0.0 33.4

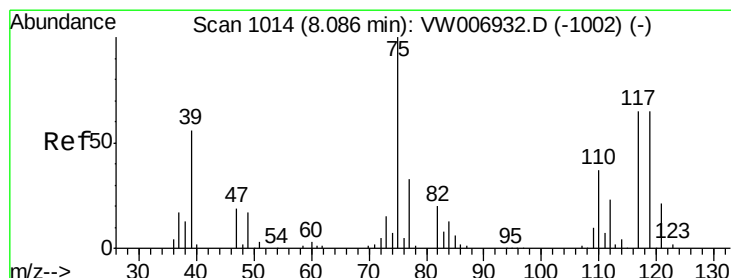
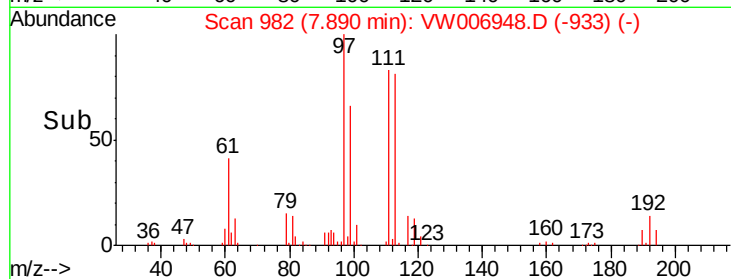
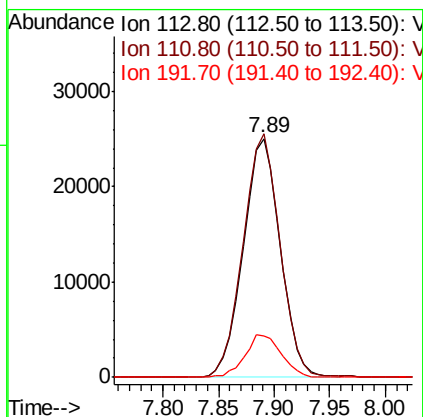
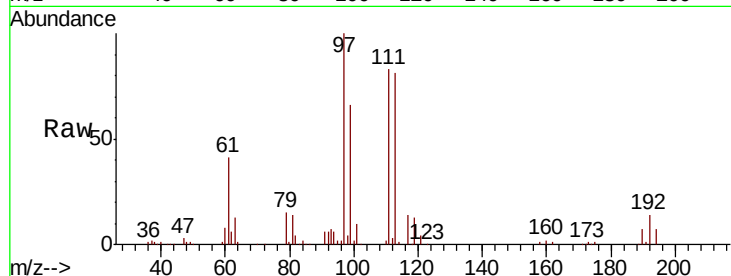




#35
 Dibromofluoromethane
 Concen: 48.418 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006948.D
 Acq: 19 Nov 2018 17:36

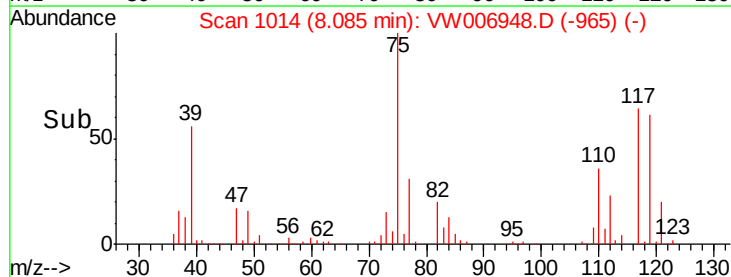
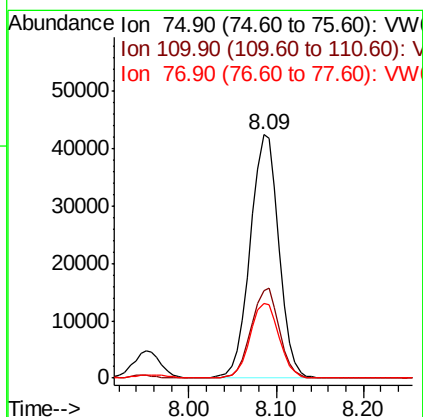
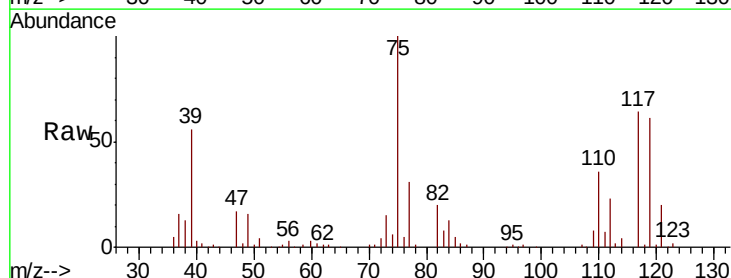
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

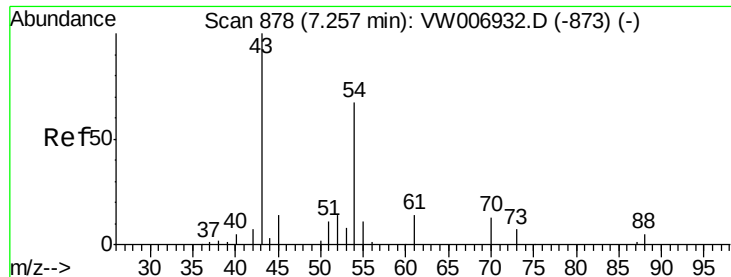
Tot Ion:113 Resp: 57986
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.7 122.5
 192 17.4 13.9 20.9



#36
 1,1-Dichloropropene
 Concen: 49.749 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW006948.D
 Acq: 19 Nov 2018 17:36

Tgt Ion: 75 Resp: 96937
 Ion Ratio Lower Upper
 75 100
 110 35.8 18.1 54.1
 77 31.3 25.4 38.0

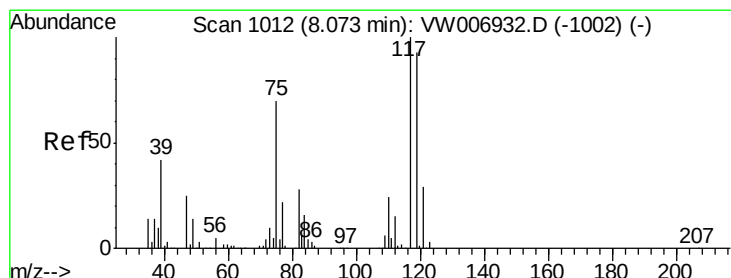
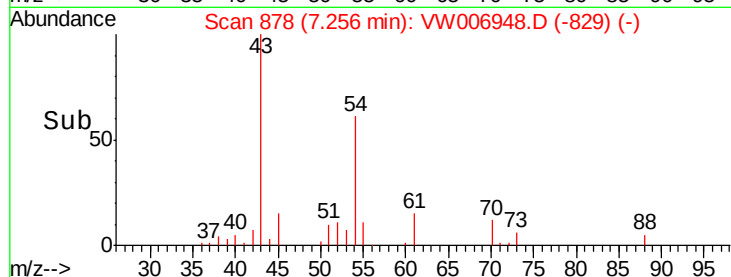
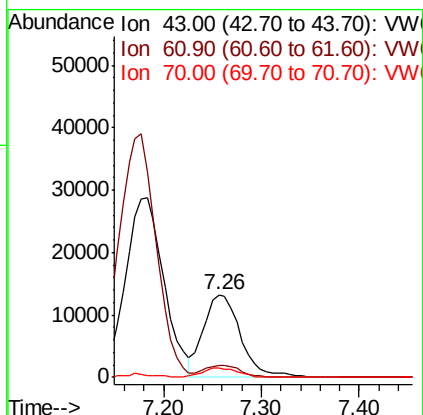
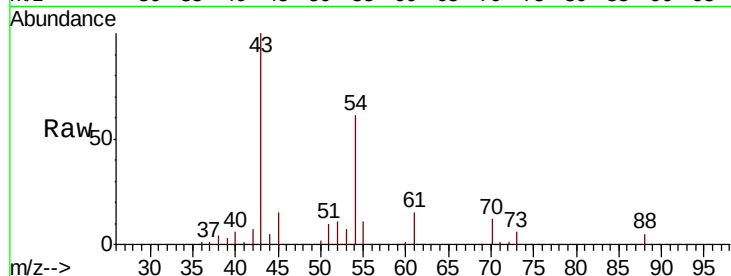




#37
Ethyl Acetate
Concen: 41.701 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

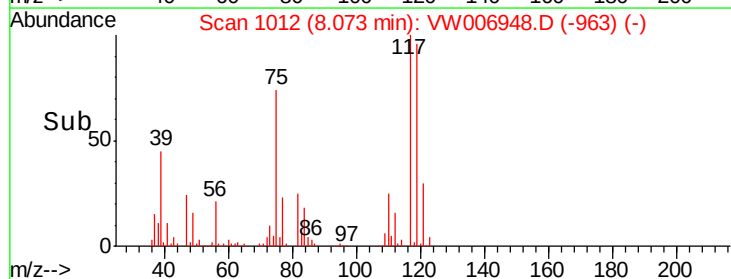
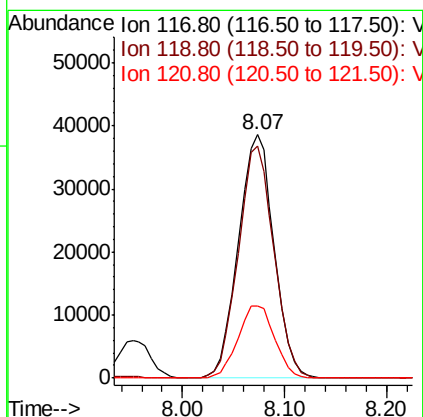
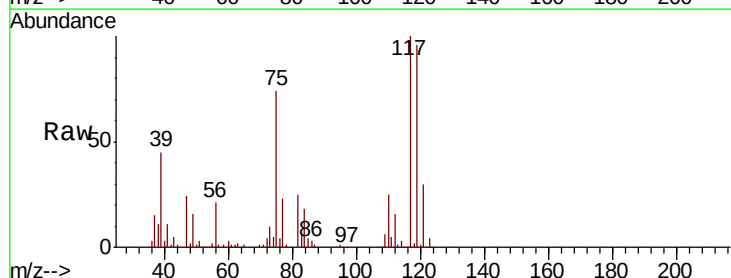
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

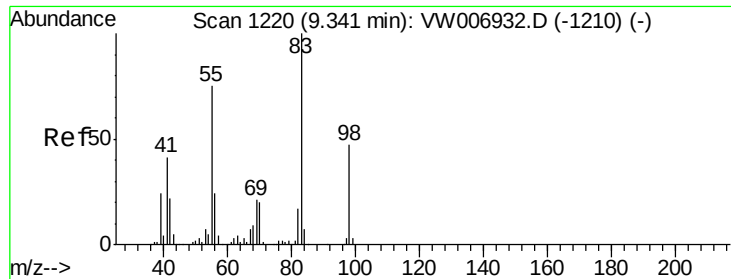
Tot Ion: 43 Resp: 34548
Ion Ratio Lower Upper
43 100
61 14.1 11.0 16.6
70 11.4 8.8 13.2



#38
Carbon Tetrachloride
Concen: 48.754 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Tgt Ion: 117 Resp: 93361
Ion Ratio Lower Upper
117 100
119 95.5 74.2 111.4
121 29.7 23.5 35.3

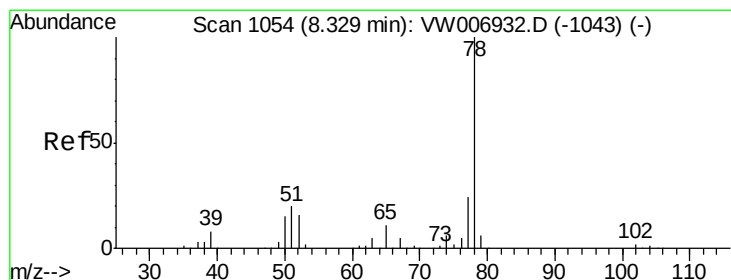
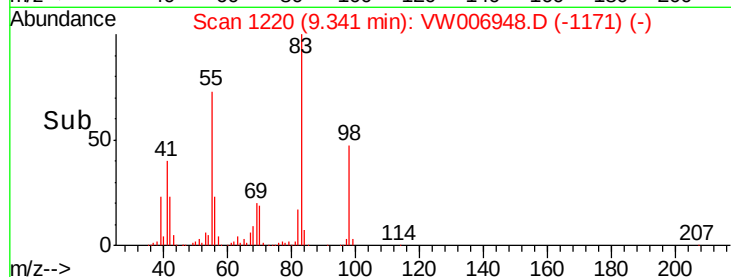
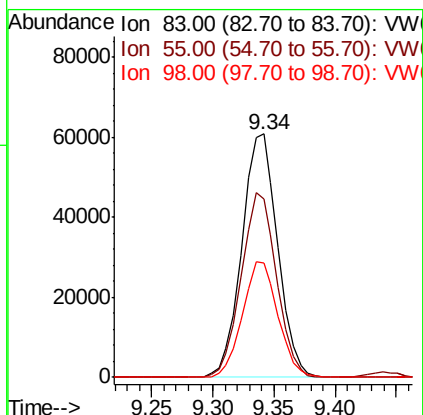
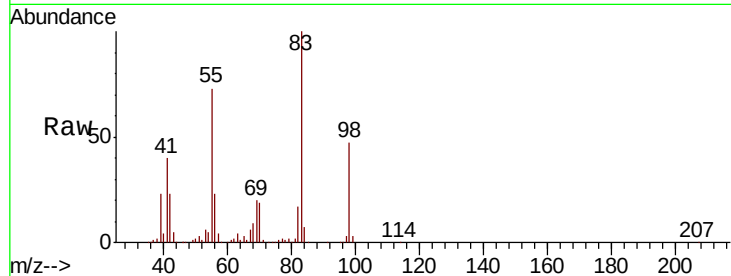




#39
Methylvlcyclohexane
Concen: 51.140 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

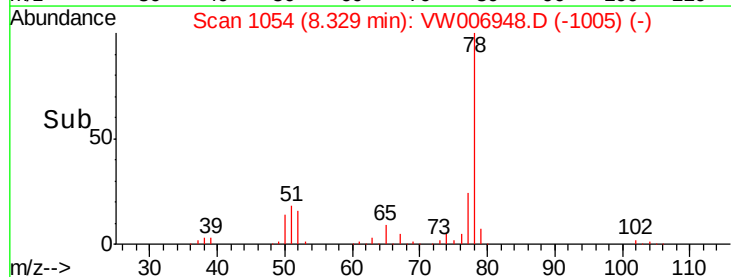
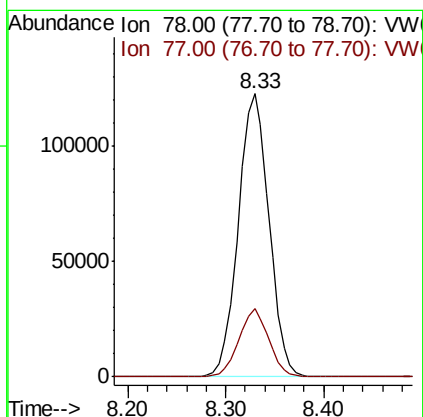
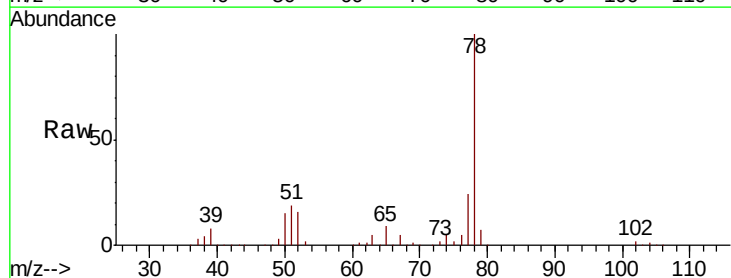
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

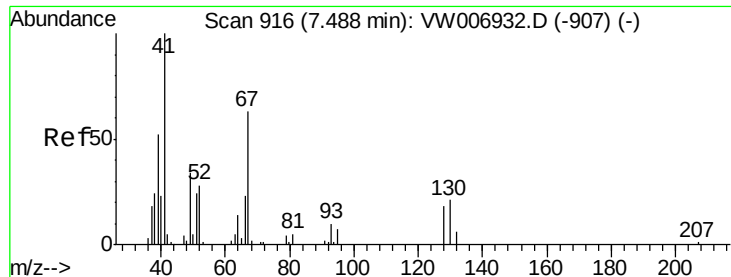
Tot Ion: 83 Resp: 123666
Ion Ratio Lower Upper
83 100
55 73.3 60.2 90.4
98 46.7 37.3 55.9



#40
Benzene
Concen: 48.545 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Tgt Ion: 78 Resp: 267339
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9

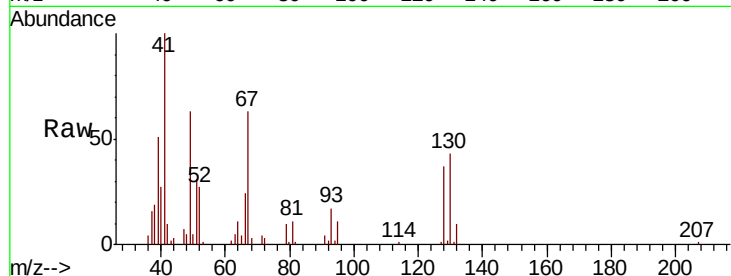




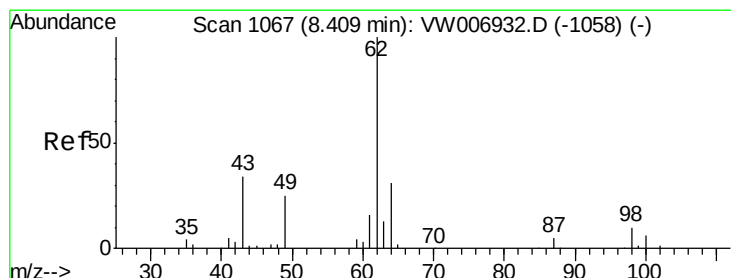
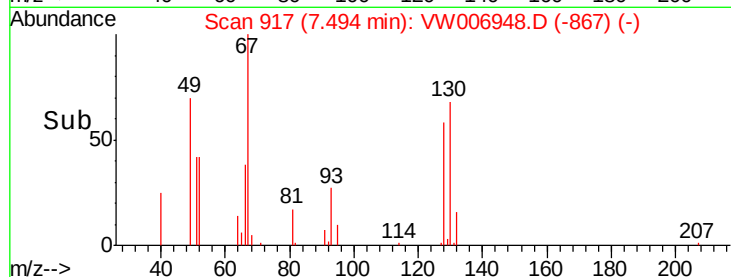
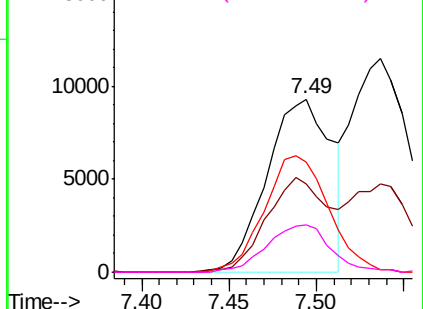
#41
Methacrylonitrile
Concen: 47.313 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	24008
Ion	Ratio	Lower	Upper
41	100		
39	52.6	41.8	62.6
67	66.9	54.7	82.1
52	27.3	23.8	35.8

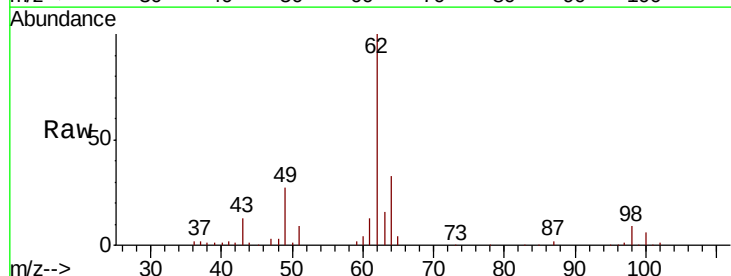


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

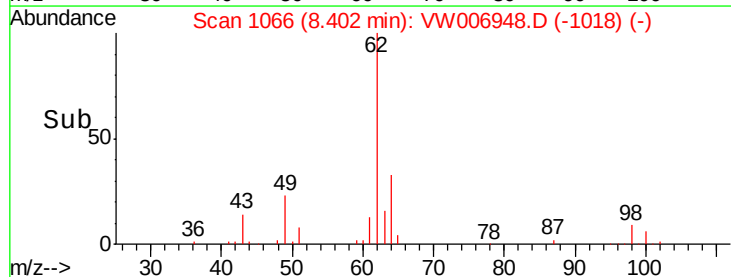
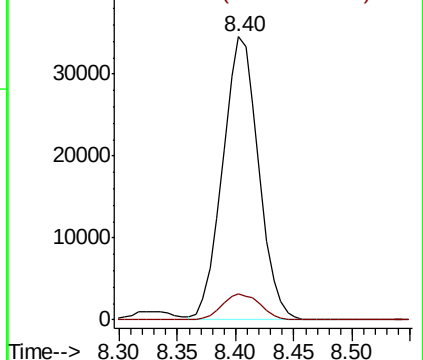


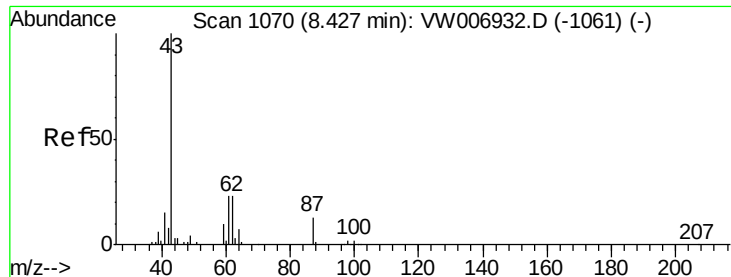
#42
1,2-Dichloroethane
Concen: 44.891 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Tgt Ion:	62	Resp:	74006
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.2



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





#43

Isopropyl Acetate

Concen: 42.691 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

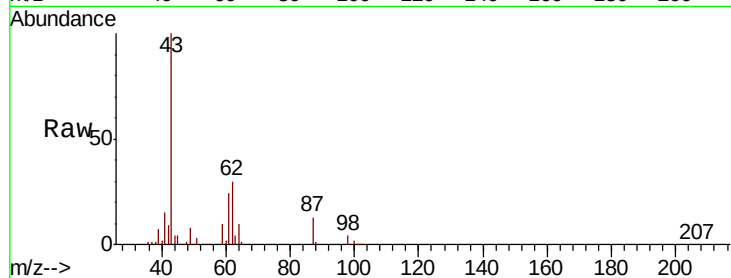
Tot Ion: 43 Resp: 67864

Ion Ratio Lower Upper

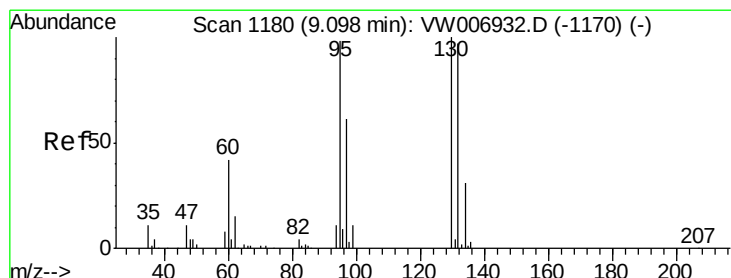
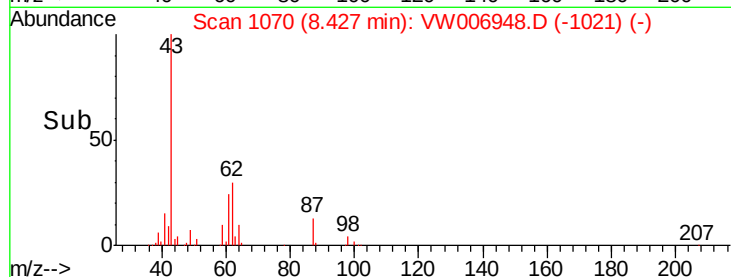
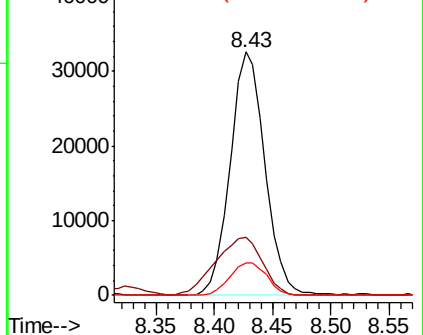
43 100

61 32.1 24.6 37.0

87 14.1 11.0 16.6



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: 49.538 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW006948.D

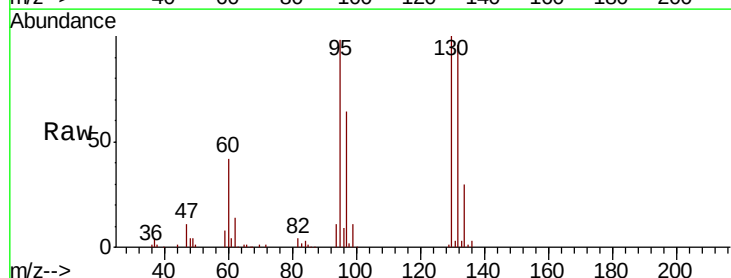
Acq: 19 Nov 2018 17:36

Tgt Ion: 130 Resp: 73350

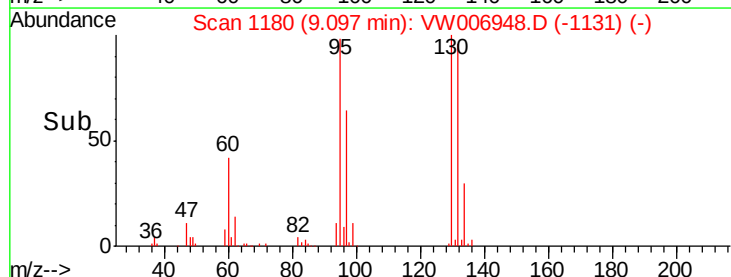
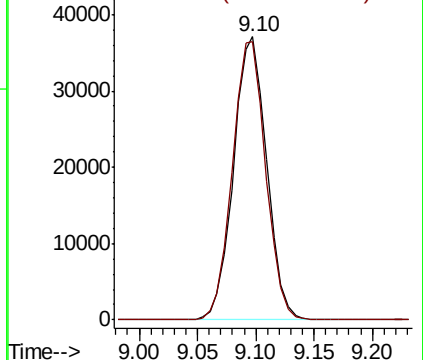
Ion Ratio Lower Upper

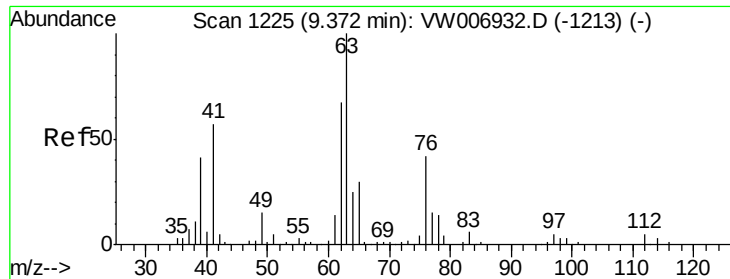
130 100

95 98.4 0.0 196.4



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

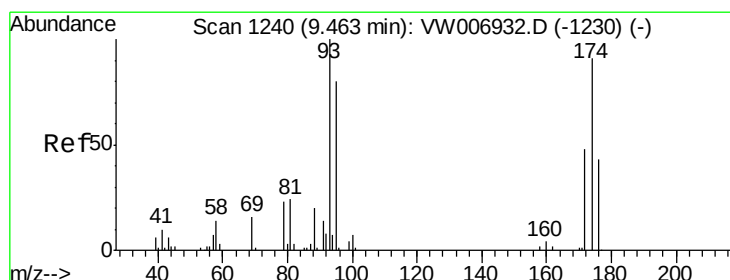
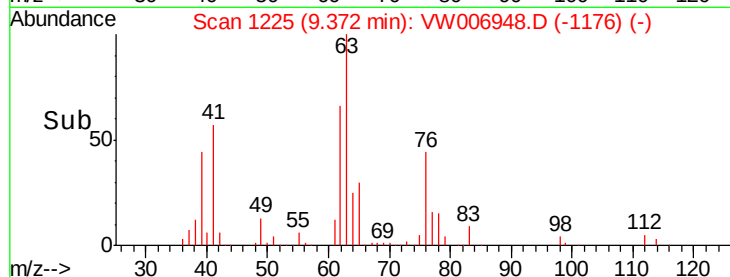
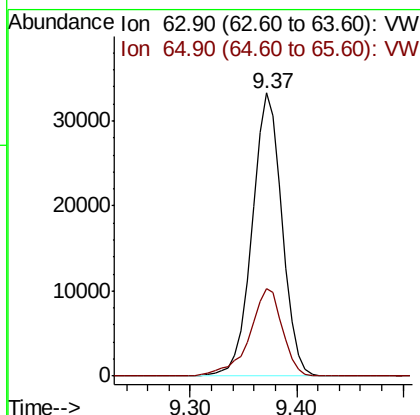
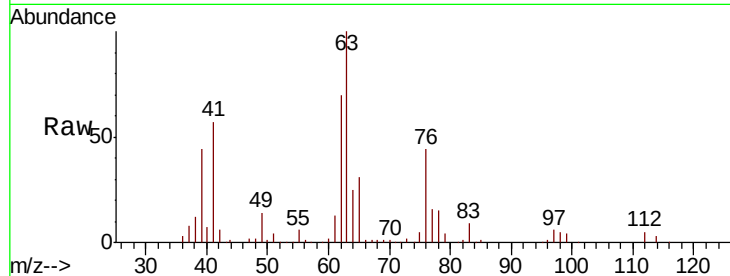




#45
 1,2-Dichloropropane
 Concen: 47.010 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006948.D
 Acq: 19 Nov 2018 17:36

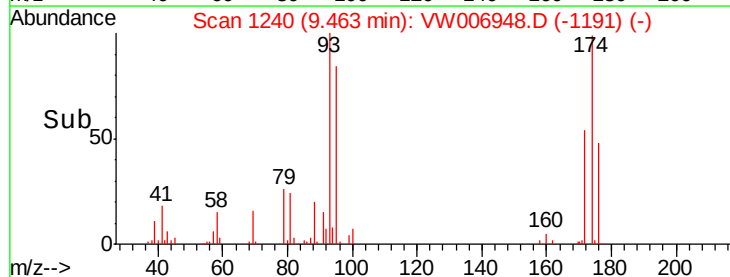
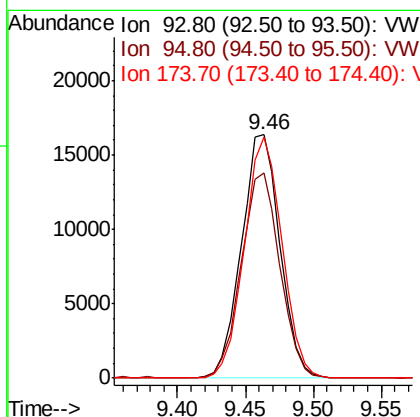
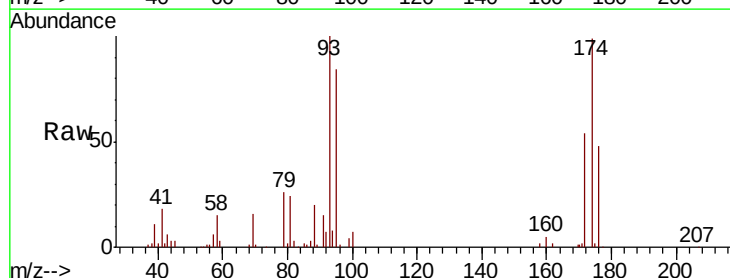
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

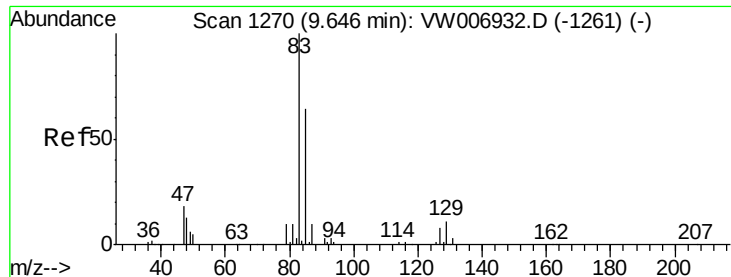
Tot Ion: 63 Resp: 65393
 Ion Ratio Lower Upper
 63 100
 65 30.7 23.9 35.9



#46
 Dibromomethane
 Concen: 46.160 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW006948.D
 Acq: 19 Nov 2018 17:36

Tgt Ion: 93 Resp: 32518
 Ion Ratio Lower Upper
 93 100
 95 84.5 65.7 98.5
 174 96.6 75.0 112.4

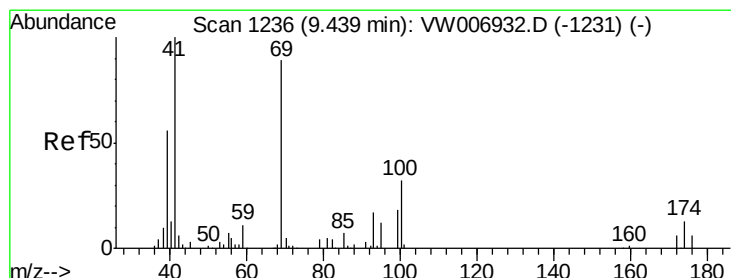
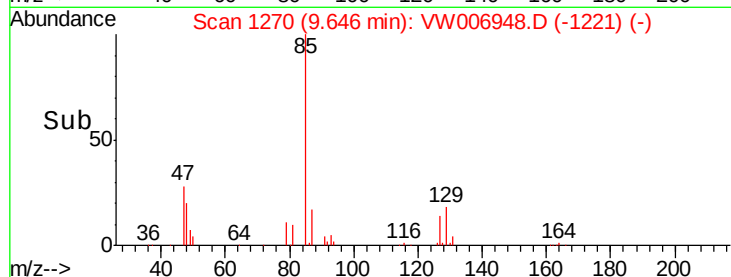
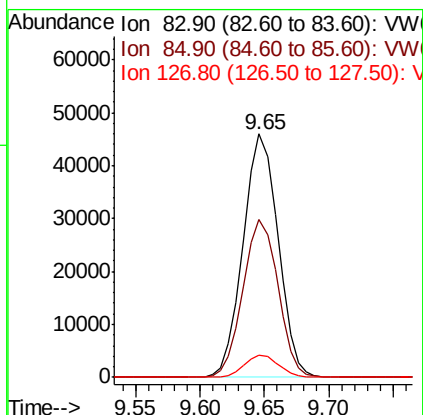
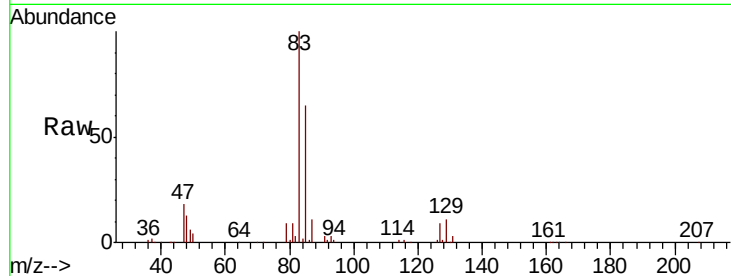




#47
 Bromodichloromethane
 Concen: 46.777 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW006948.D
 Acq: 19 Nov 2018 17:36

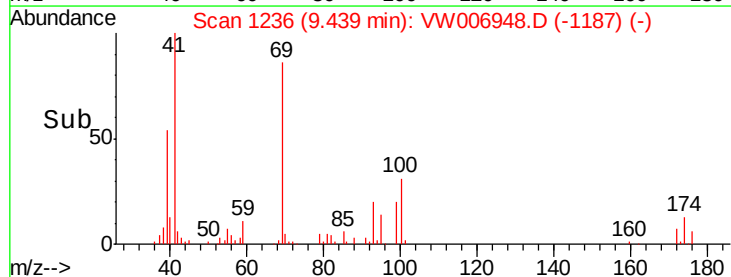
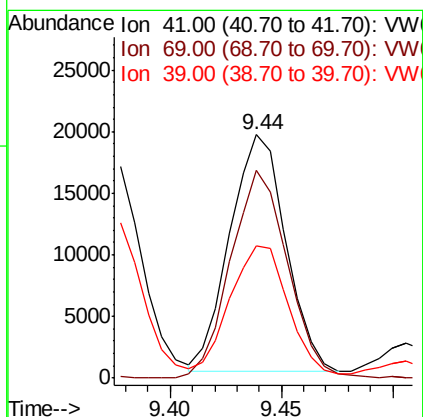
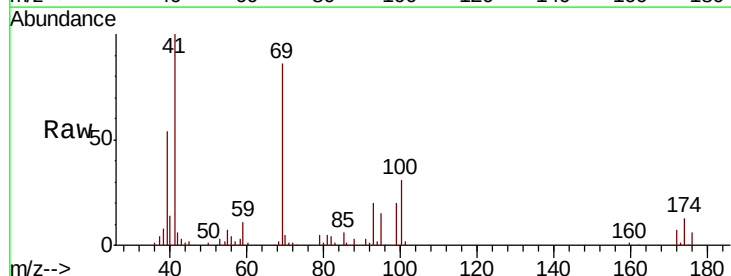
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

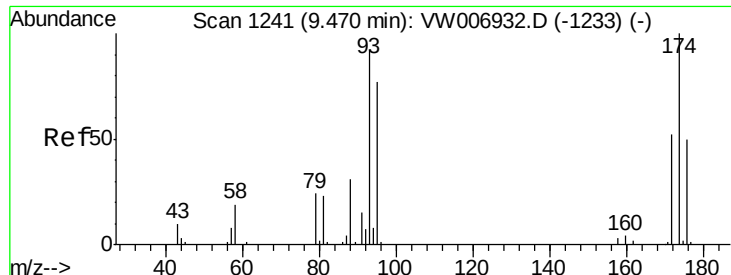
Tot Ion	83	Resp	86770
Ion Ratio	100		
Lower	50.8		
Upper	76.2		
85	64.9		
127	9.0		



#48
 Methyl methacrylate
 Concen: 43.959 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VW006948.D
 Acq: 19 Nov 2018 17:36

Tgt Ion	41	Resp	33720
Ion Ratio	100		
Lower	73.4		
Upper	110.0		
69	89.3		
39	55.6		

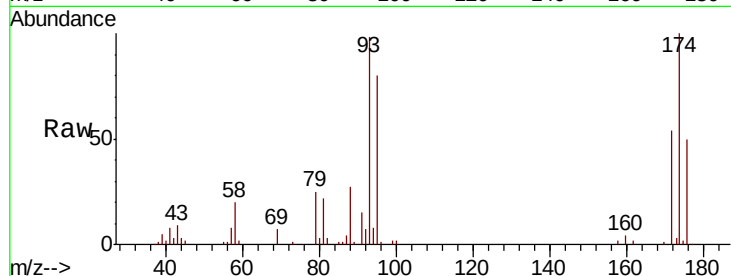




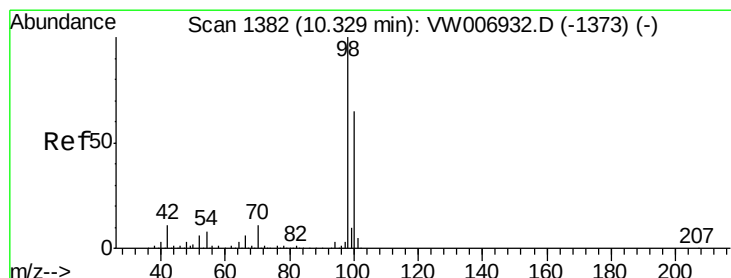
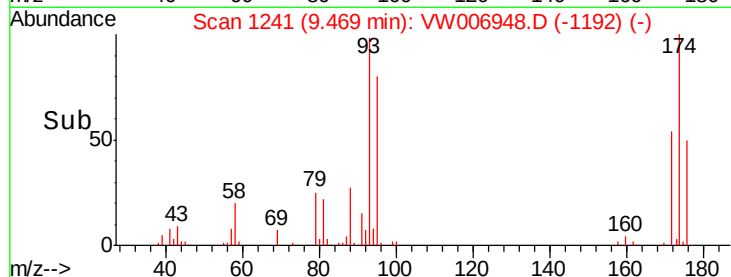
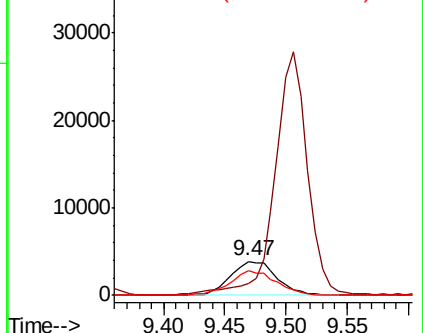
#49
1,4-Dioxane
Concen: 950.249 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 10144
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 72.2 57.4 86.2

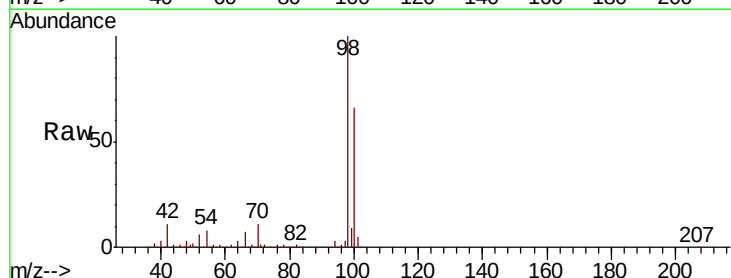


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

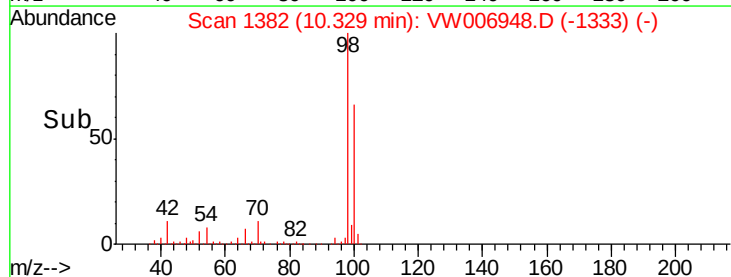
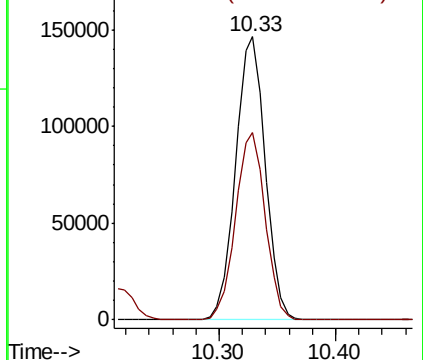


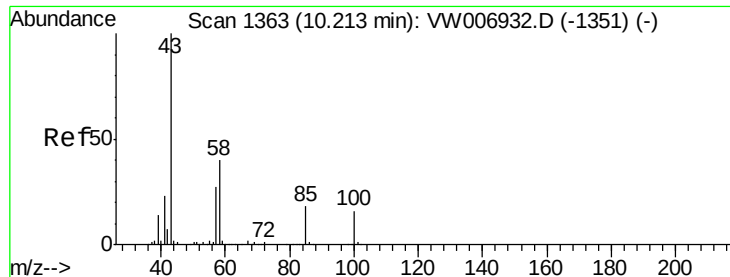
#50
Toluene-d8
Concen: 50.482 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Tgt Ion: 98 Resp: 259813
Ion Ratio Lower Upper
98 100
100 66.2 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

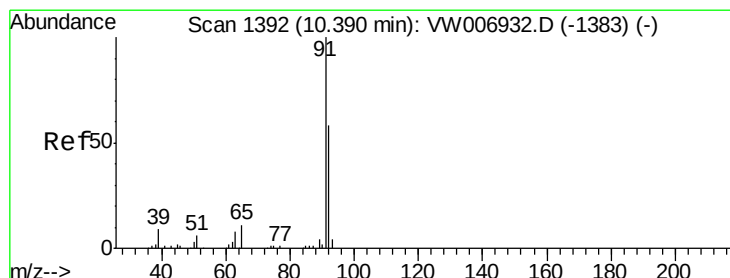
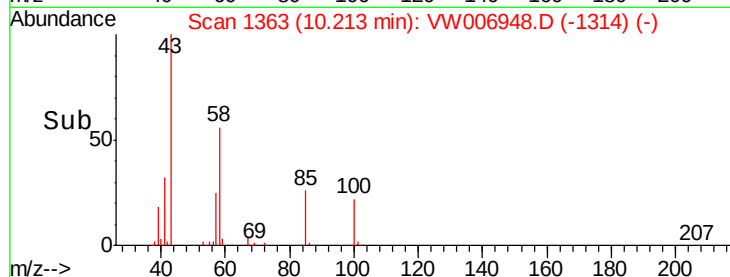
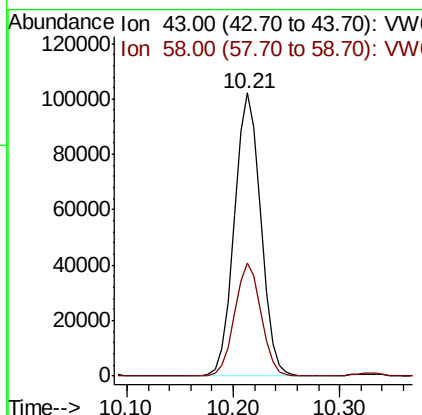
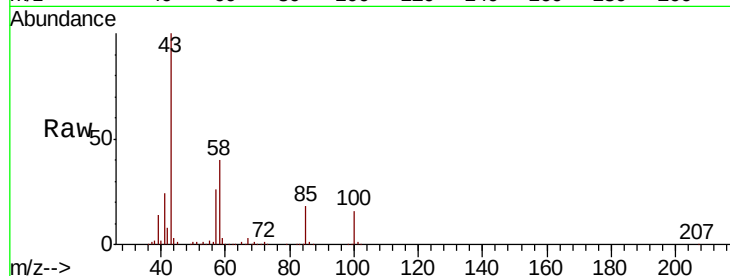




#51
 4-Methyl-2-Pentanone
 Concen: 228.463 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW006948.D
 Acq: 19 Nov 2018 17:36

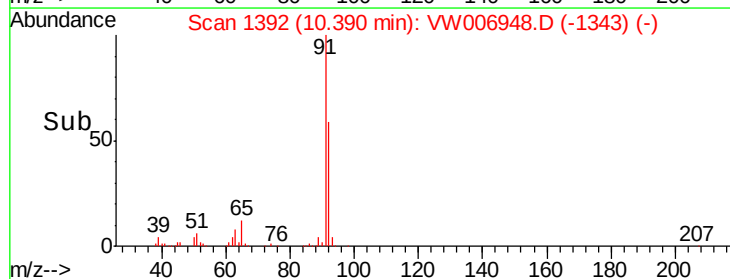
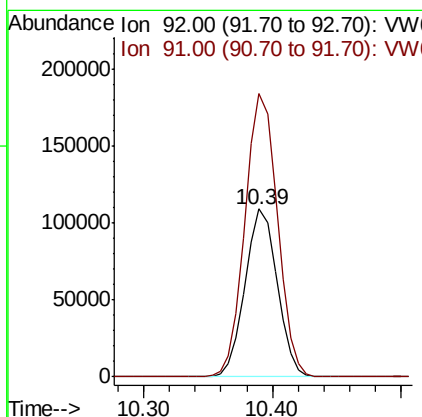
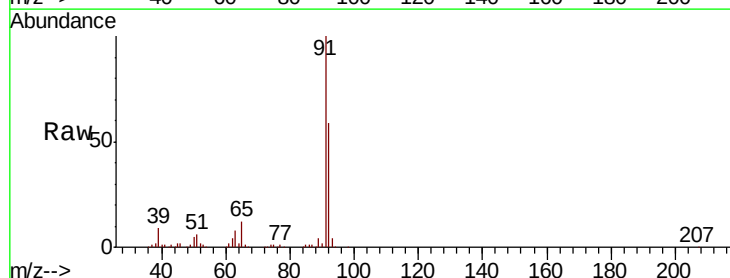
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

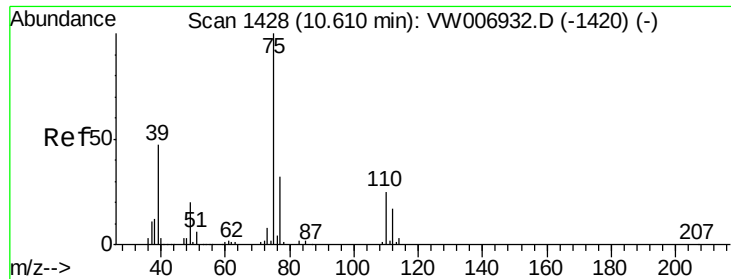
Tot Ion: 43 Resp: 178995
 Ion Ratio Lower Upper
 43 100
 58 39.8 31.0 46.4



#52
 Toluene
 Concen: 51.069 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW006948.D
 Acq: 19 Nov 2018 17:36

Tgt Ion: 92 Resp: 188149
 Ion Ratio Lower Upper
 92 100
 91 170.6 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 46.820 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

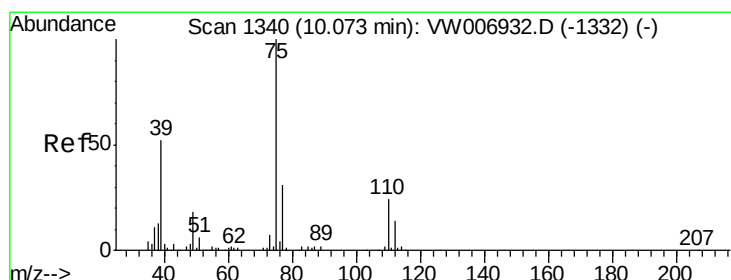
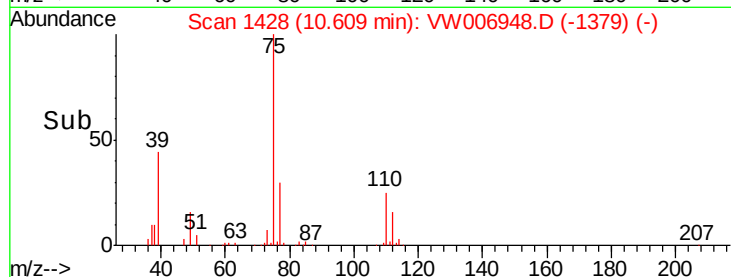
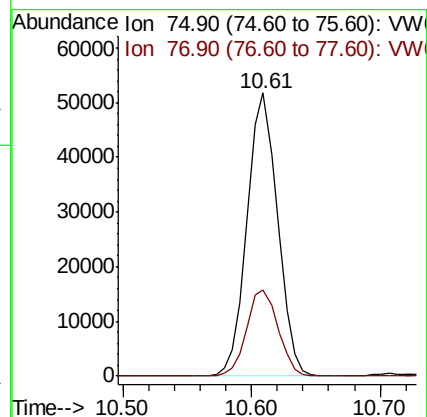
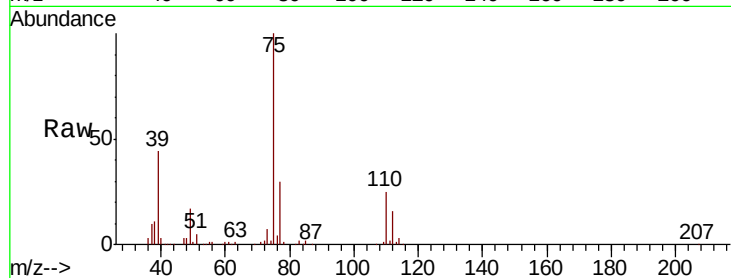
VSTDCCC050

Tot Ion: 75 Resp: 84876

Ion Ratio Lower Upper

75 100

77 30.5 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 47.162 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

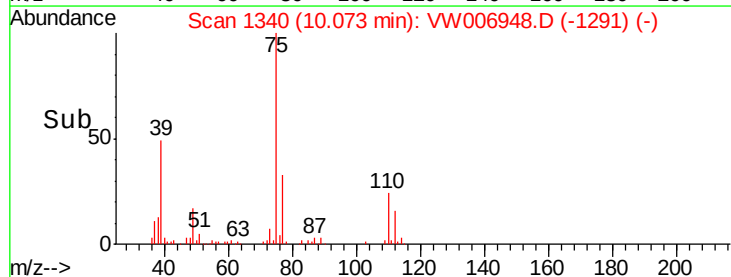
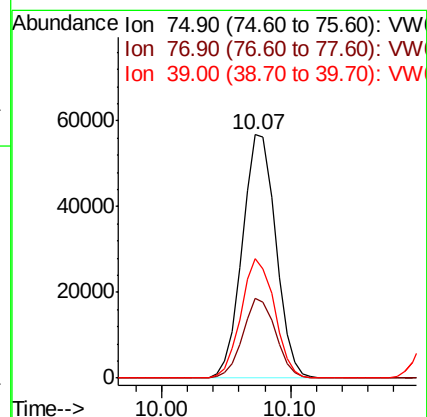
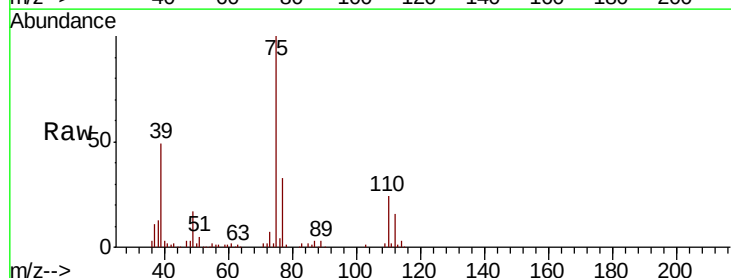
Tgt Ion: 75 Resp: 102314

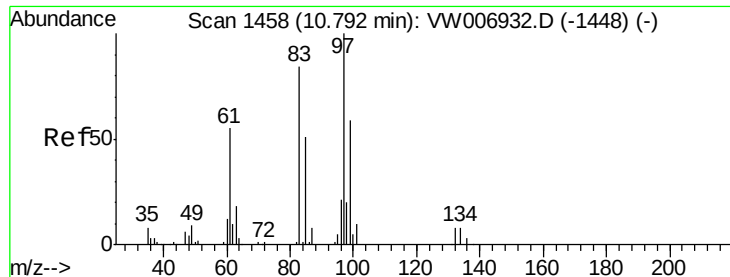
Ion Ratio Lower Upper

75 100

77 32.7 24.6 37.0

39 49.1 41.4 62.2





#55

1,1,2-Trichloroethane

Concen: 45.981 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 47761

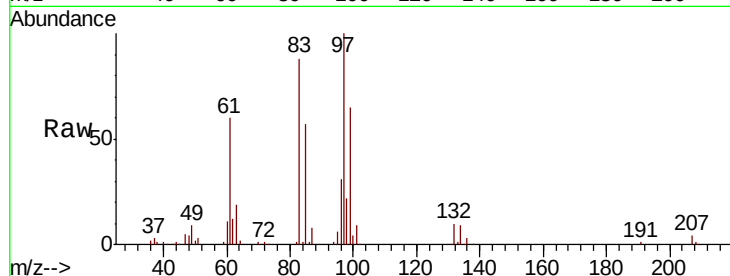
Ion Ratio Lower Upper

97 100

83 87.6 67.5 101.3

85 56.7 41.0 61.6

99 64.7 47.4 71.2

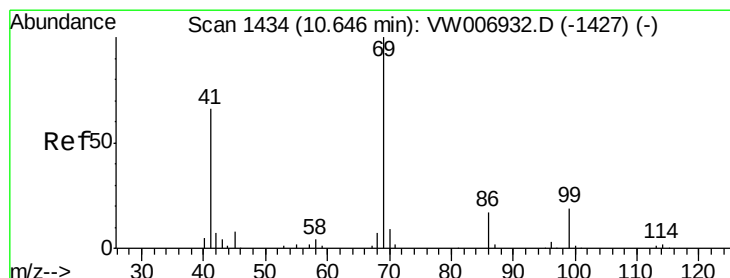
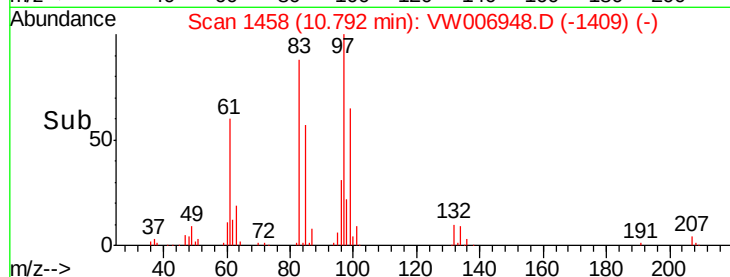
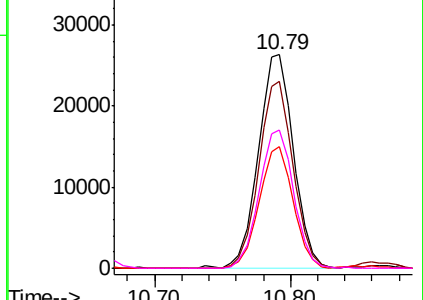


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 45.655 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

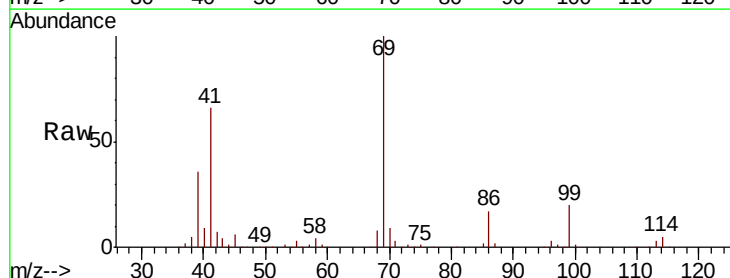
Tgt Ion: 69 Resp: 58959

Ion Ratio Lower Upper

69 100

41 66.0 53.8 80.6

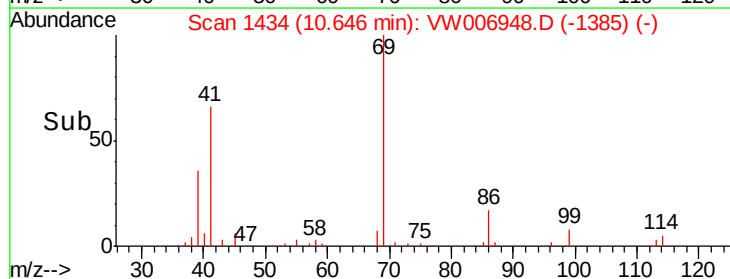
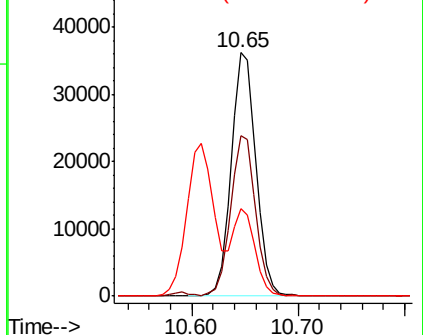
39 30.7 29.0 43.6

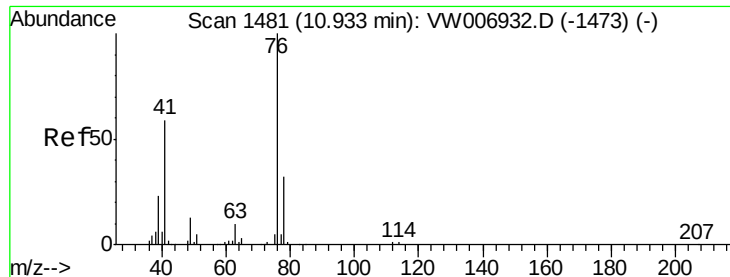


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

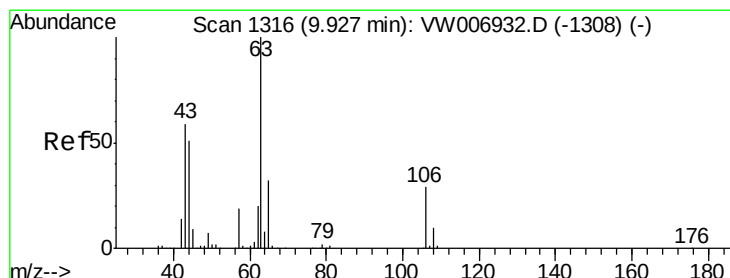
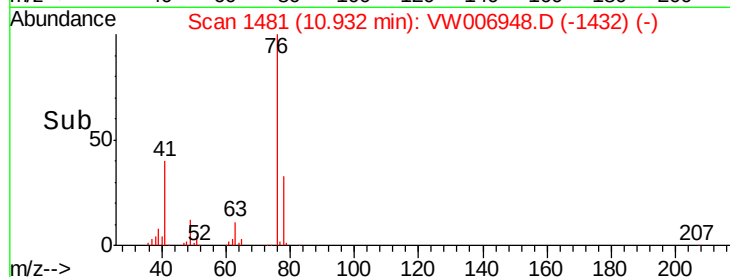
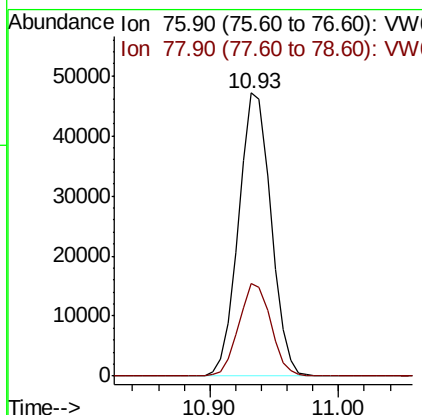
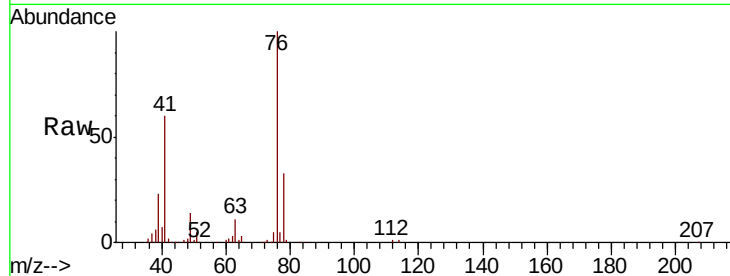




#57
 1,3-Dichloropropane
 Concen: 46.517 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW006948.D
 Acq: 19 Nov 2018 17:36

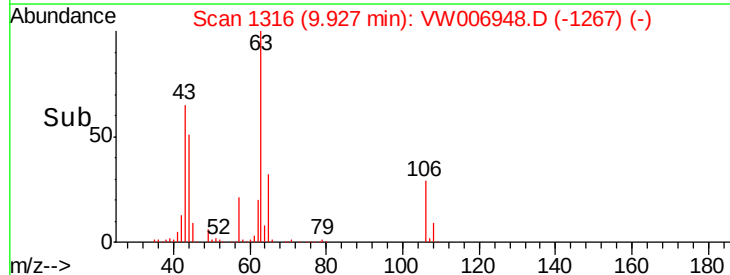
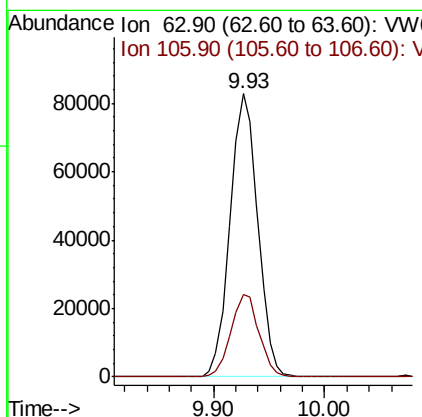
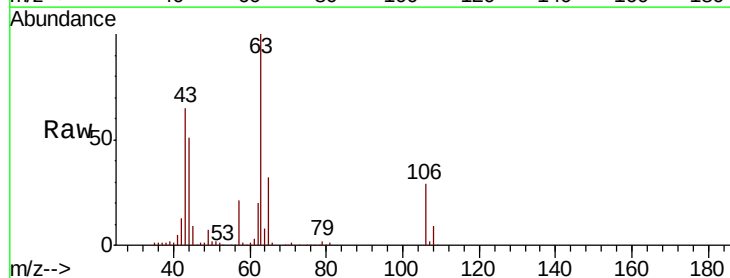
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

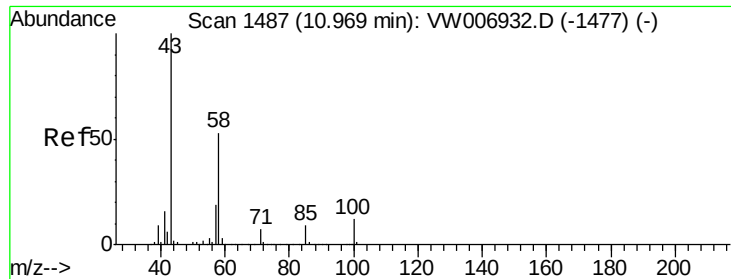
Tot Ion: 76 Resp: 82206
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 224.421 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006948.D
 Acq: 19 Nov 2018 17:36

Tgt Ion: 63 Resp: 142482
 Ion Ratio Lower Upper
 63 100
 106 29.4 22.6 33.8

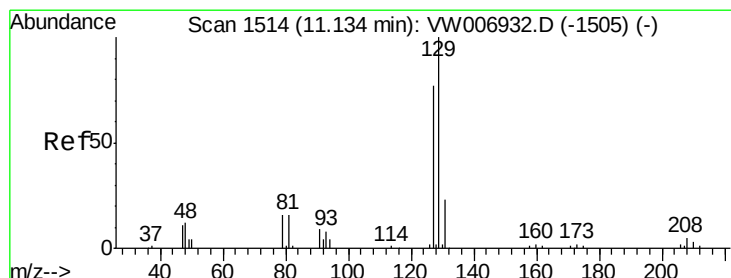
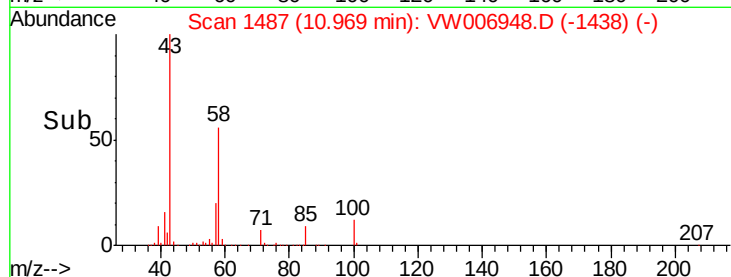
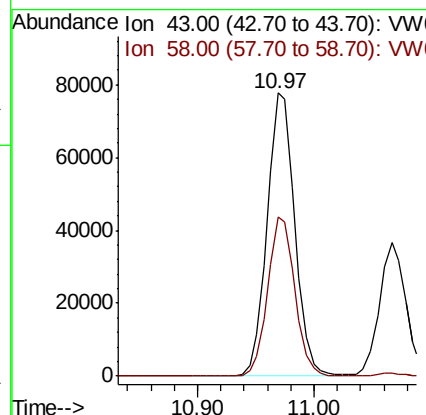
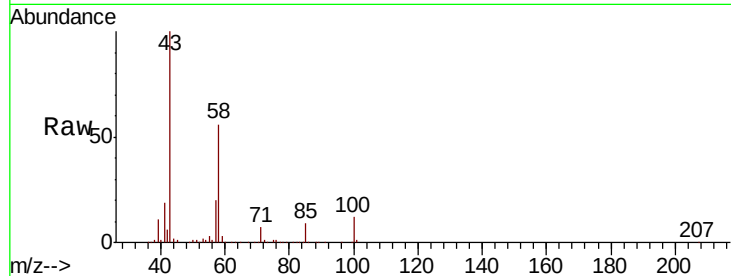




#59
2-Hexanone
Concen: 245.560 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

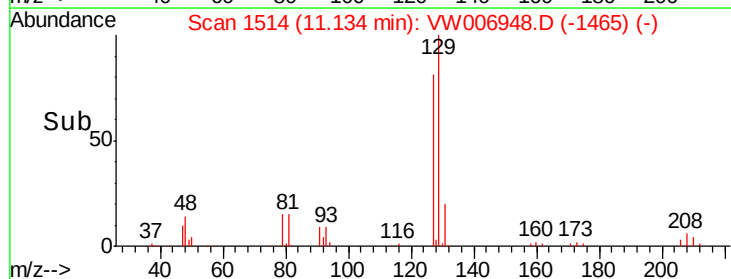
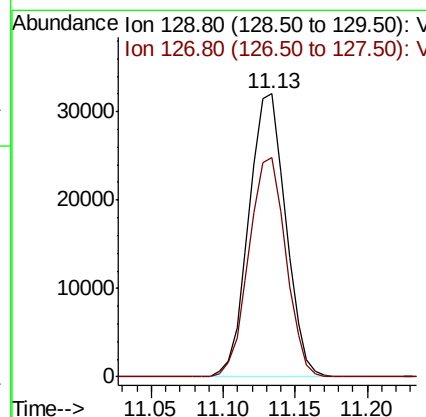
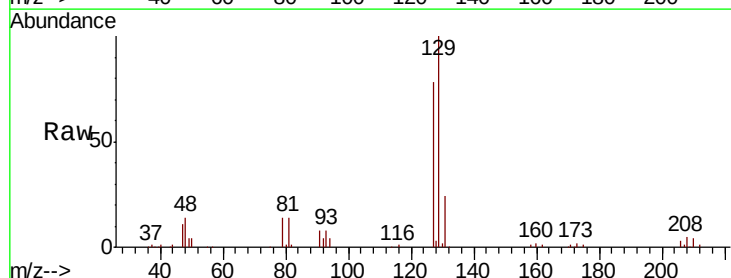
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

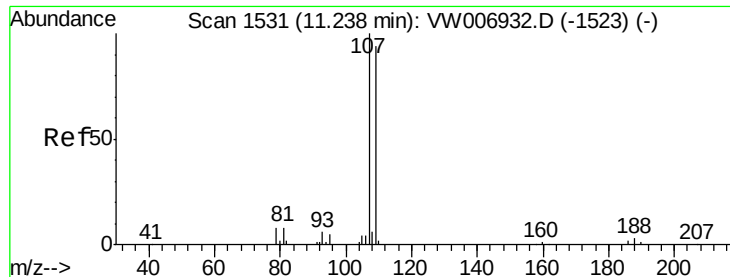
Tot Ion: 43 Resp: 128761
Ion Ratio Lower Upper
43 100
58 55.1 26.8 80.4



#60
Dibromochloromethane
Concen: 47.908 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Tgt Ion: 129 Resp: 56747
Ion Ratio Lower Upper
129 100
127 77.7 38.1 114.3

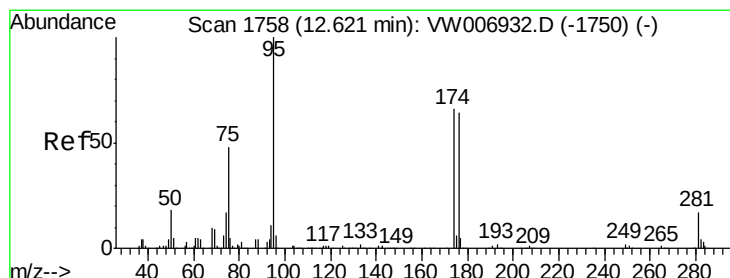
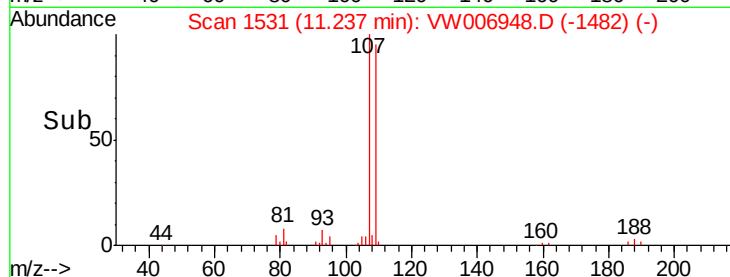
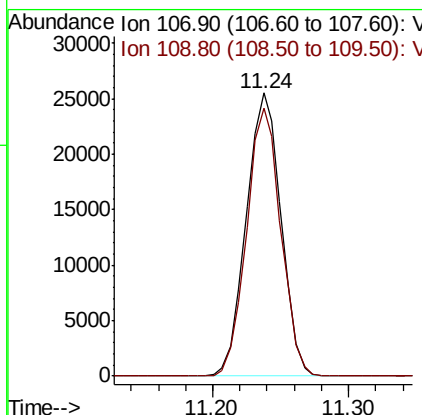
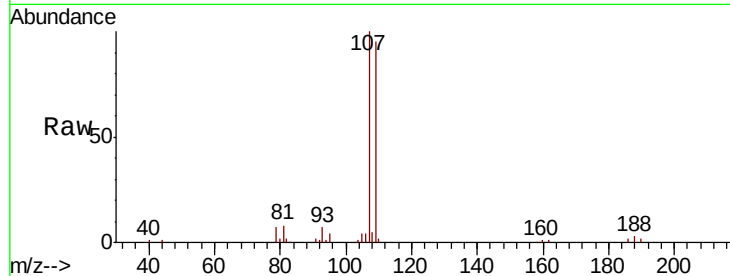




#61
 1,2-Dibromoethane
 Concen: 47.279 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006948.D
 Acq: 19 Nov 2018 17:36

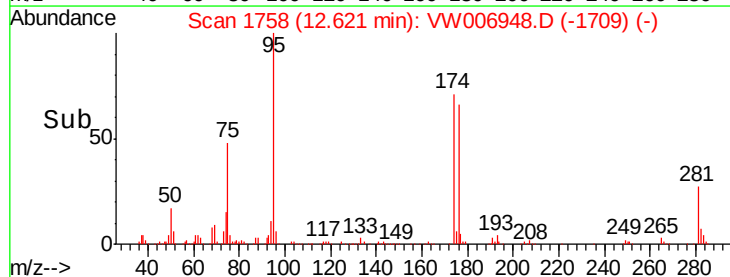
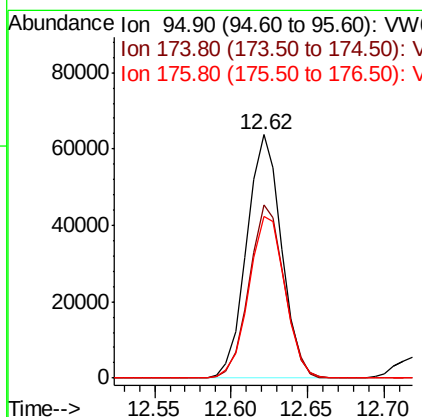
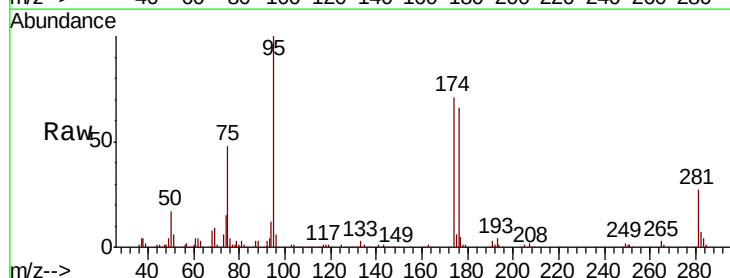
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

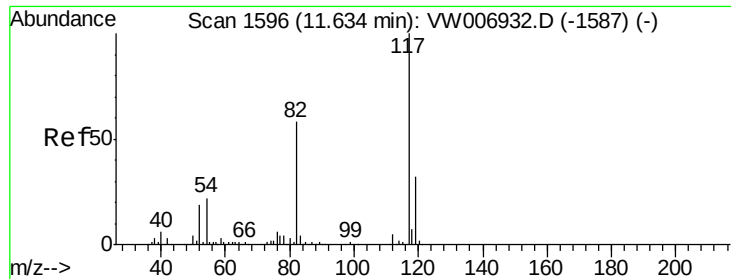
Tot Ion:107 Resp: 45642
 Ion Ratio Lower Upper
 107 100
 109 93.2 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 50.186 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006948.D
 Acq: 19 Nov 2018 17:36

Tgt Ion: 95 Resp: 100713
 Ion Ratio Lower Upper
 95 100
 174 71.9 0.0 138.4
 176 69.2 0.0 133.4

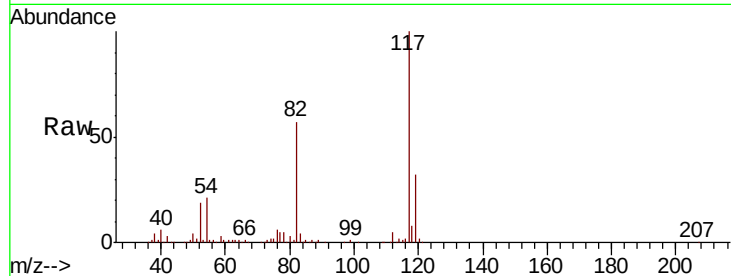




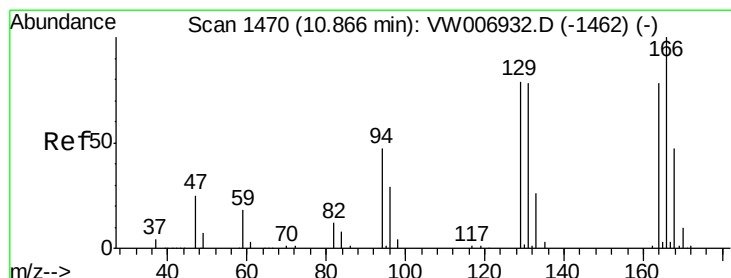
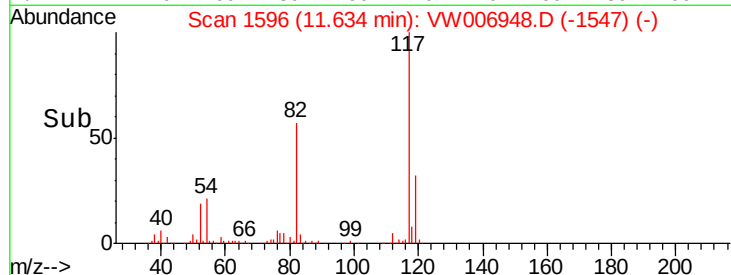
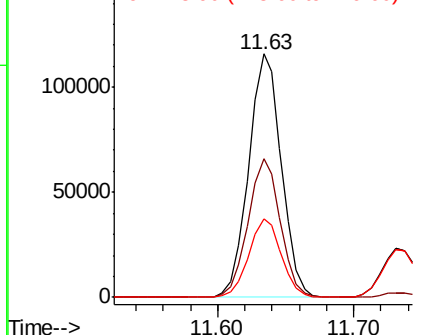
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 194348
Ion Ratio Lower Upper
117 100
82 56.7 46.2 69.2
119 32.0 25.5 38.3

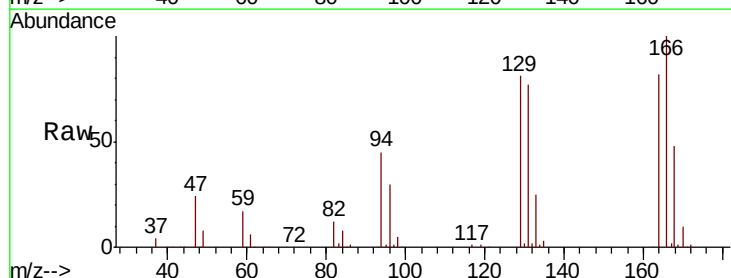


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

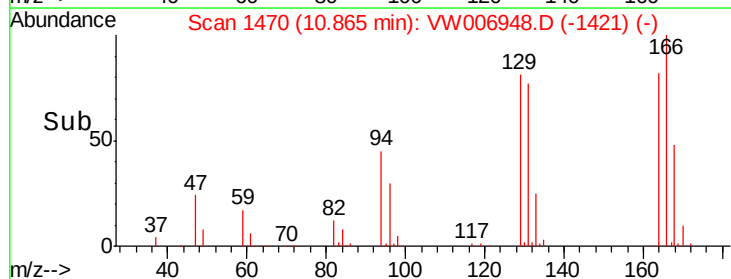
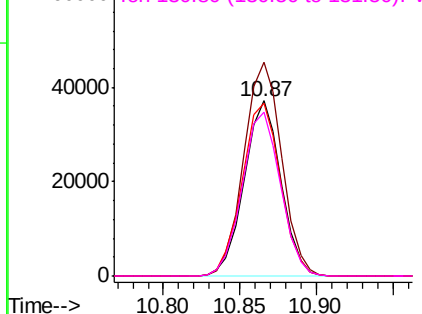


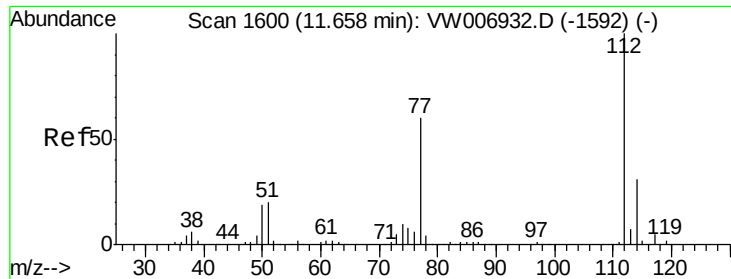
#64
Tetrachloroethene
Concen: 49.613 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Tgt Ion:164 Resp: 62070
Ion Ratio Lower Upper
164 100
166 121.8 102.6 154.0
129 98.6 81.0 121.4
131 93.5 80.2 120.2



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

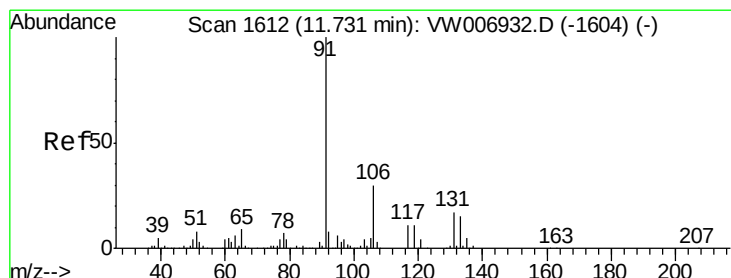
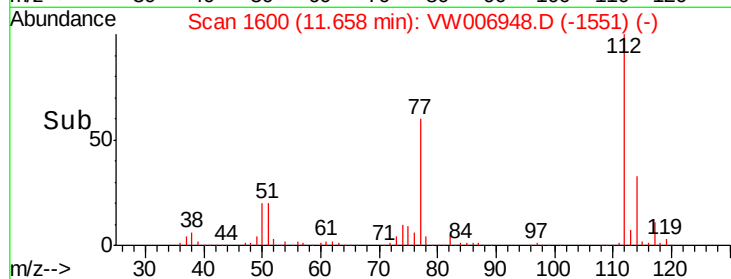
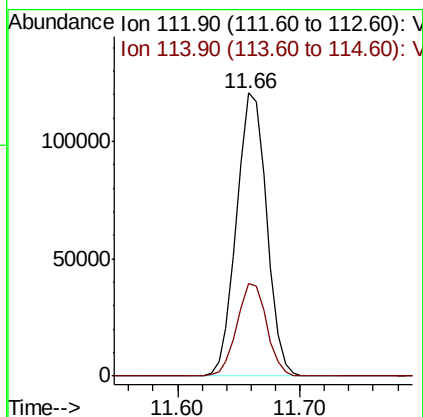
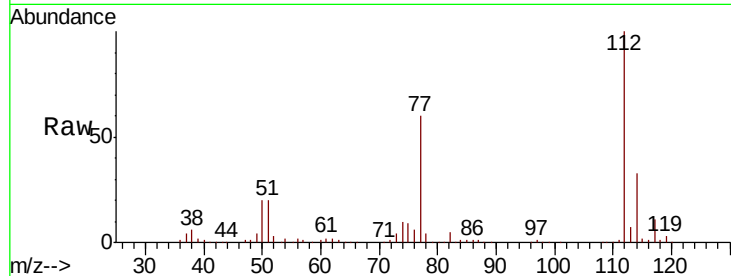




#65
Chlorobenzene
Concen: 50.325 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

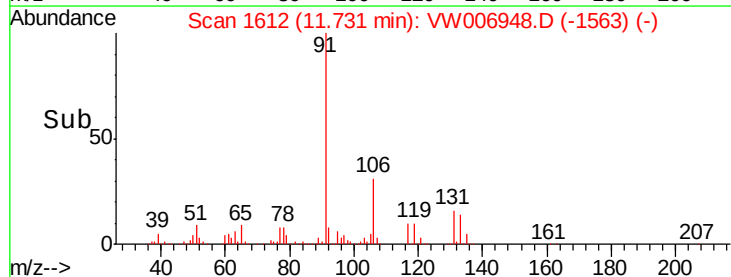
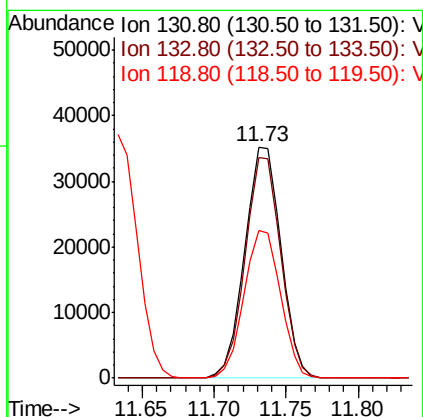
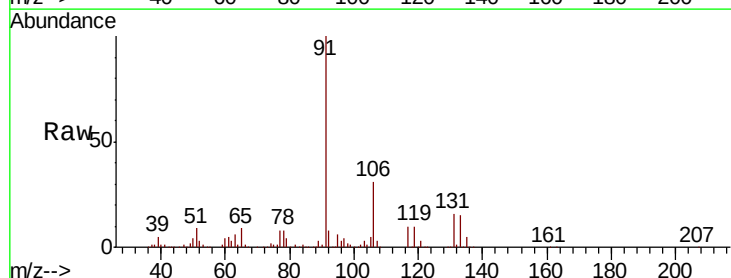
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

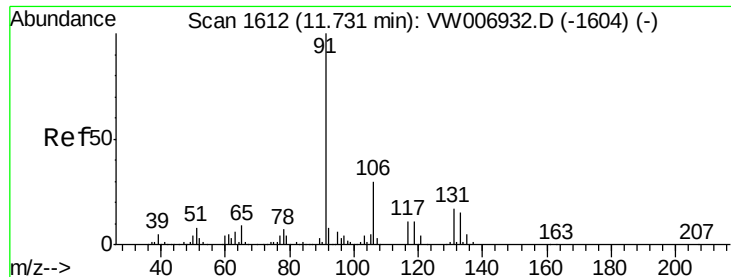
Tot Ion:112 Resp: 206518
Ion Ratio Lower Upper
112 100
114 32.6 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 46.724 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Tgt Ion:131 Resp: 61104
Ion Ratio Lower Upper
131 100
133 94.2 47.2 141.6
119 64.4 32.5 97.4

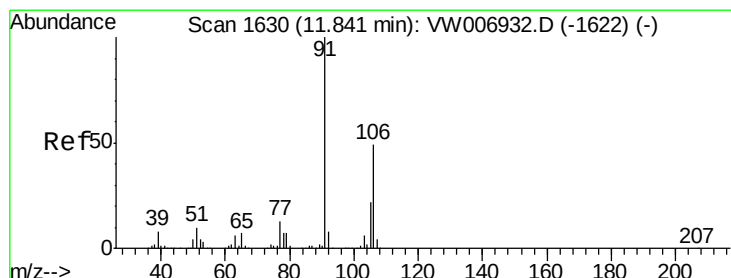
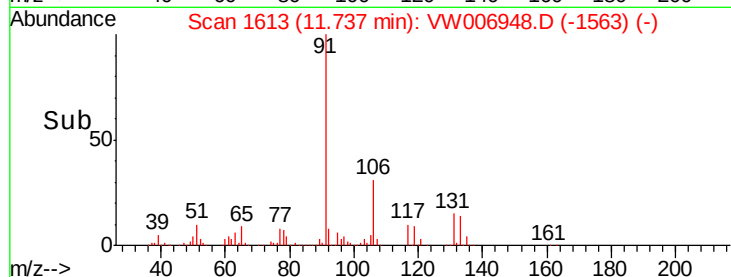
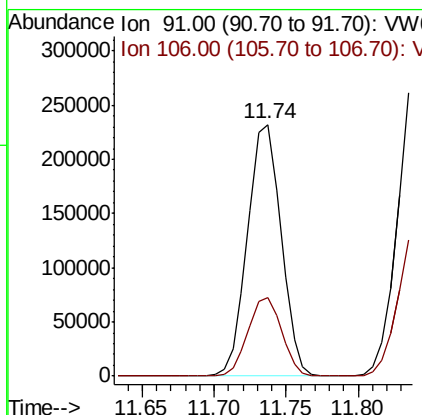
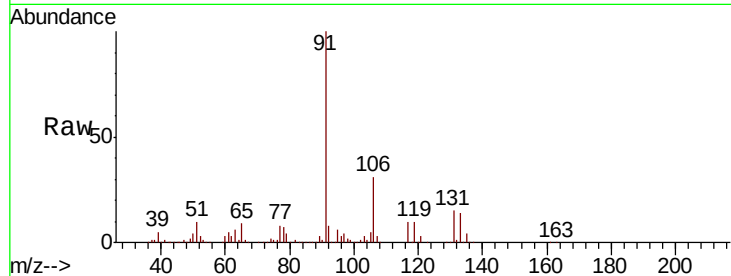




#67
Ethyl Benzene
Concen: 50.839 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

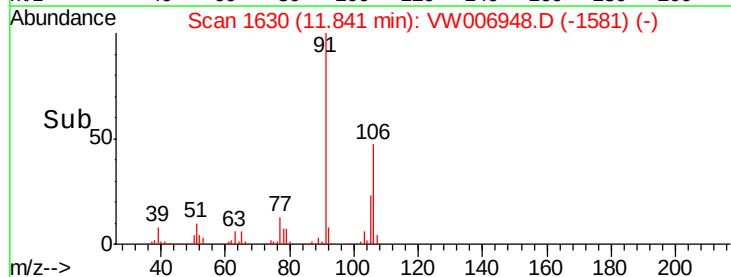
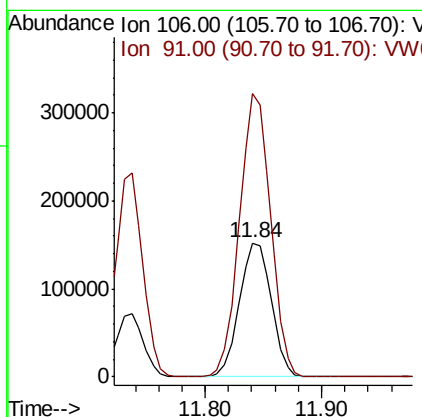
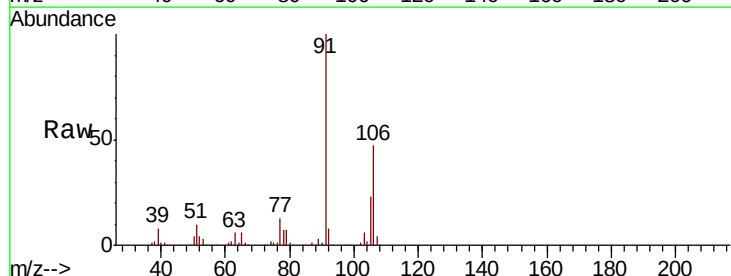
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

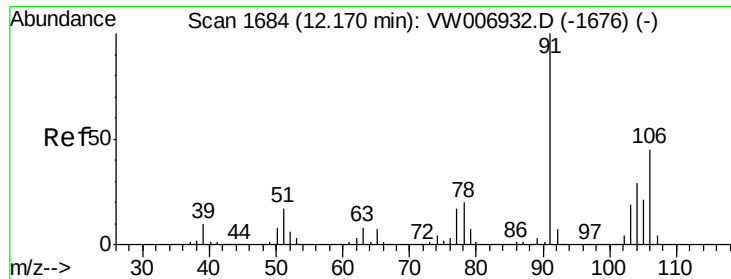
Tot Ion: 91 Resp: 376145
Ion Ratio Lower Upper
91 100
106 31.2 24.0 36.0



#68
m/p-Xylenes
Concen: 101.188 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Tgt Ion: 106 Resp: 291537
Ion Ratio Lower Upper
106 100
91 206.5 165.0 247.4

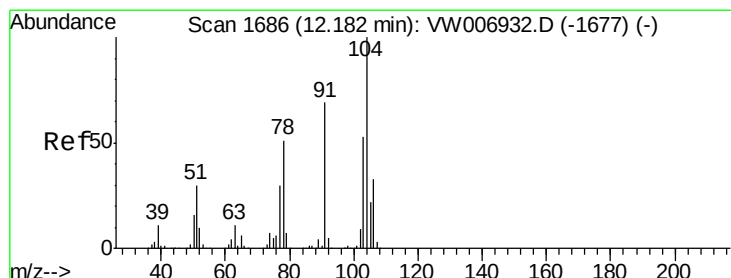
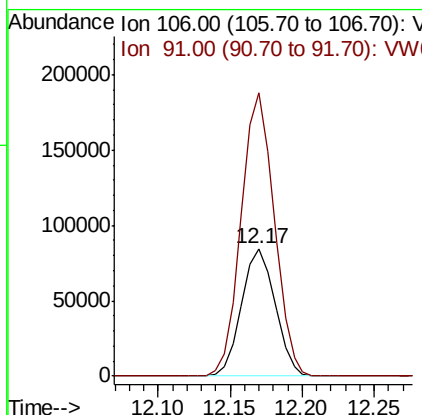
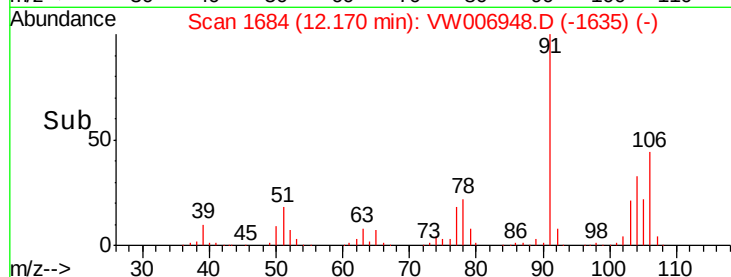
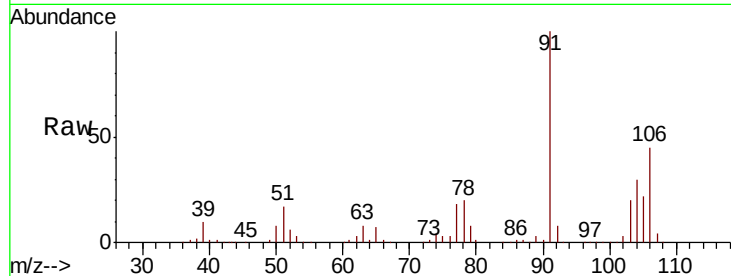




#69
o-Xylene
Concen: 50.068 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

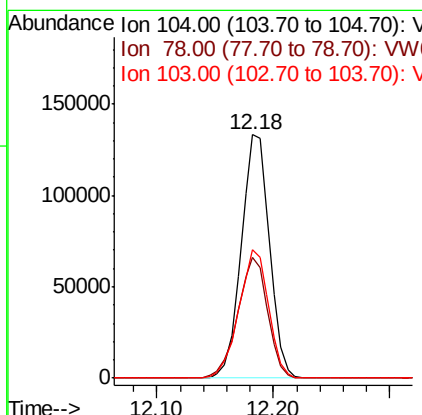
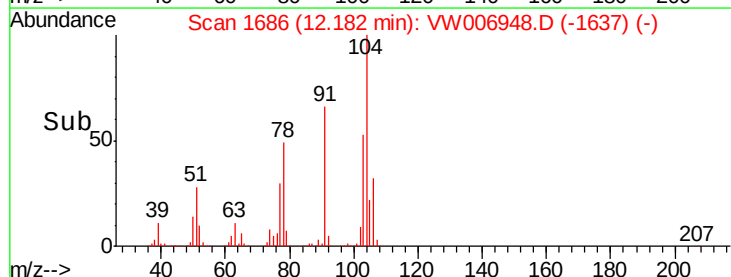
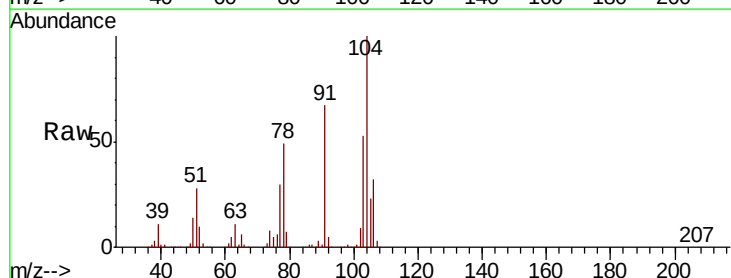
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

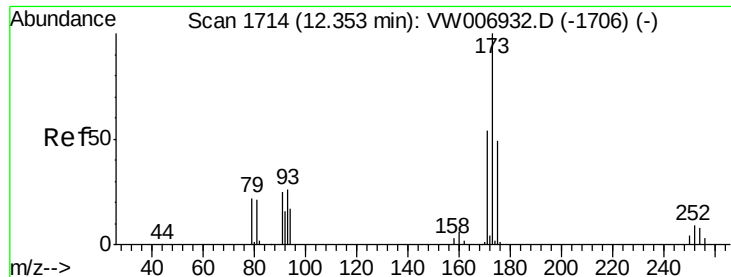
Tot Ion:106 Resp: 136911
Ion Ratio Lower Upper
106 100
91 219.3 109.2 327.6



#70
Styrene
Concen: 51.225 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Tgt Ion:104 Resp: 225257
Ion Ratio Lower Upper
104 100
78 52.4 42.5 63.7
103 55.3 44.3 66.5





#71

Bromoform

Concen: 48.733 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

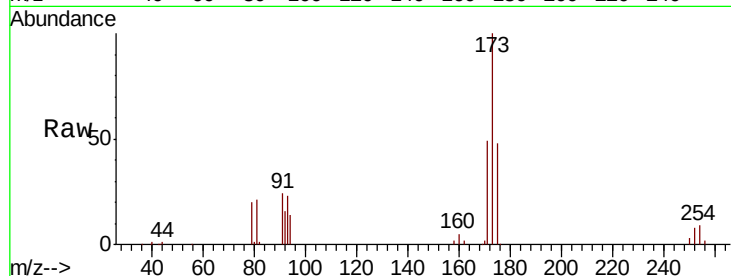
Tot Ion:173 Resp: 29711

Ion Ratio Lower Upper

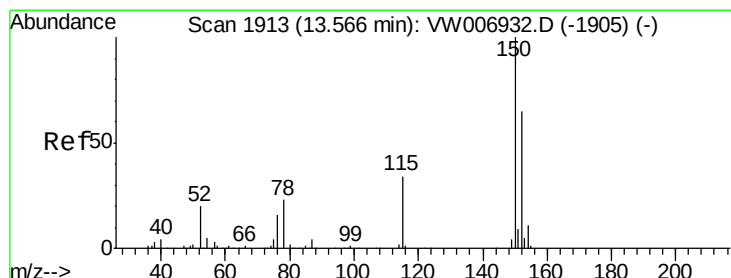
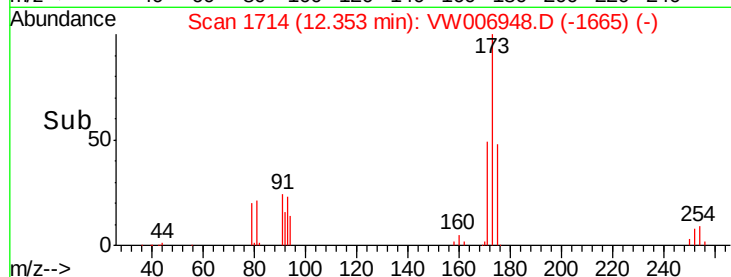
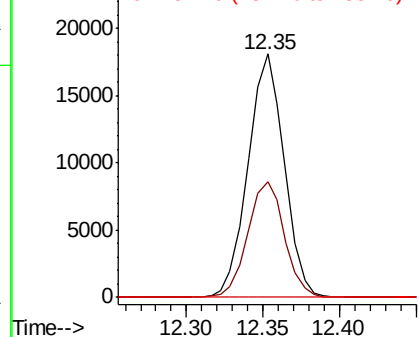
173 100

175 48.2 24.0 72.0

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

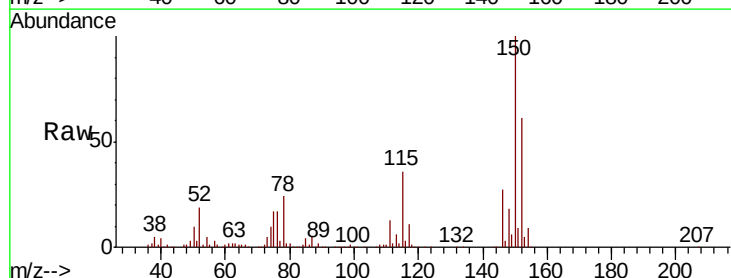
Tgt Ion:152 Resp: 96093

Ion Ratio Lower Upper

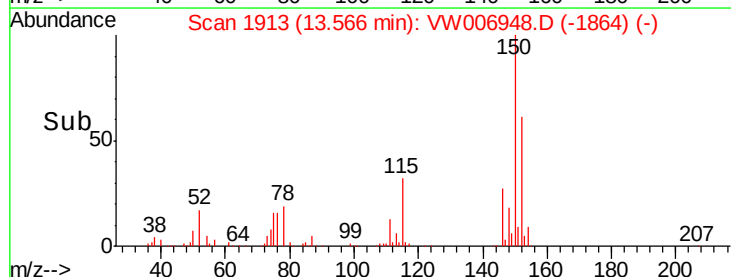
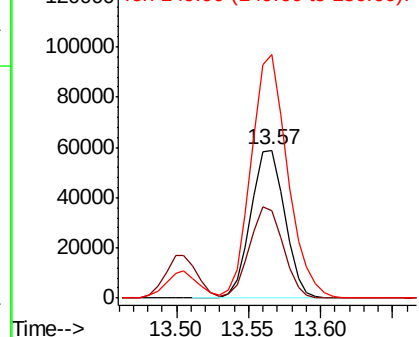
152 100

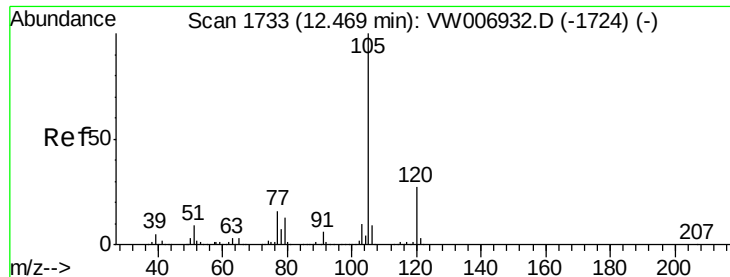
115 61.7 31.6 94.7

150 176.1 0.0 350.0



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





#73

Isopropylbenzene

Concen: 49.885 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

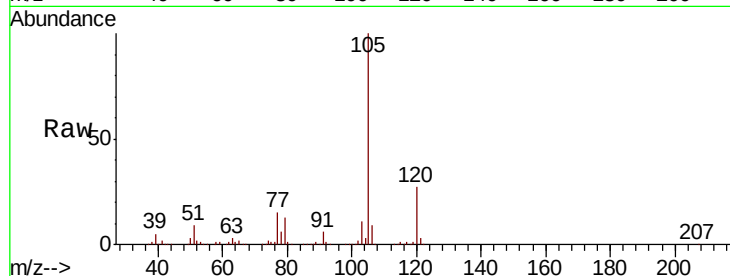
VSTDCCC050

Tot Ion:105 Resp: 379627

Ion Ratio Lower Upper

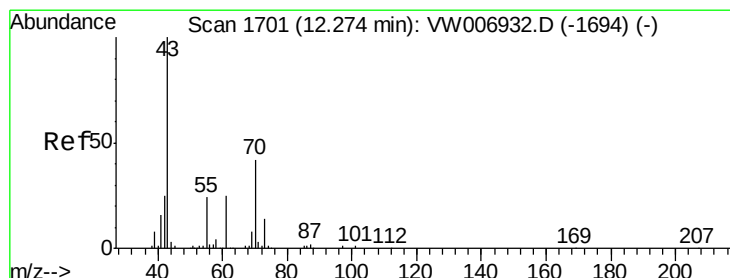
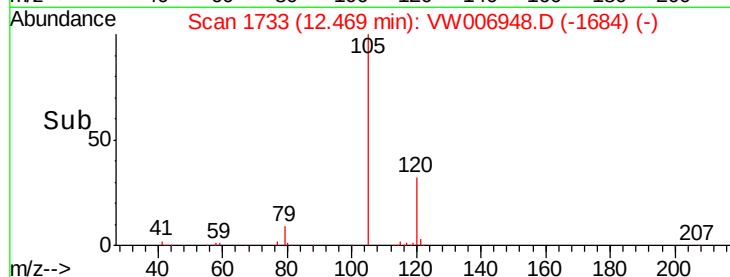
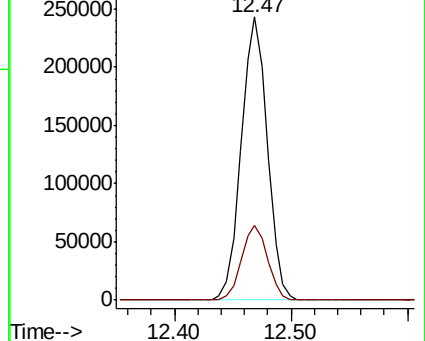
105 100

120 26.5 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 42.819 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

Tgt Ion: 43 Resp: 65216

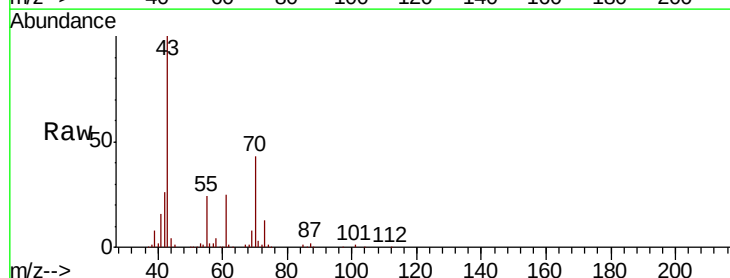
Ion Ratio Lower Upper

43 100

70 42.5 34.2 51.4

55 24.2 19.5 29.3

61 24.3 19.7 29.5

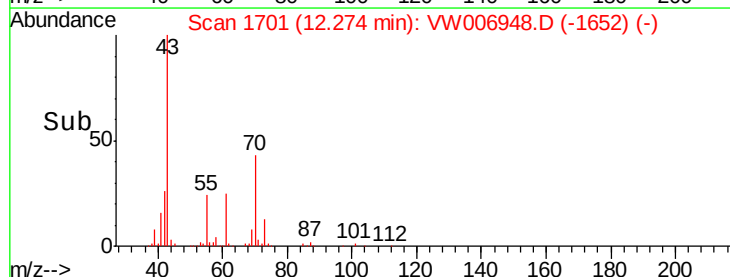
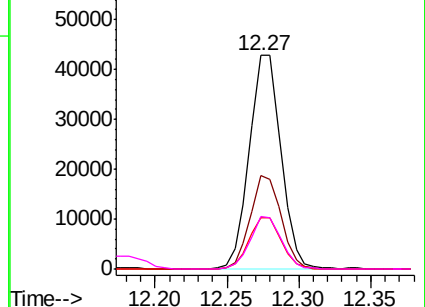


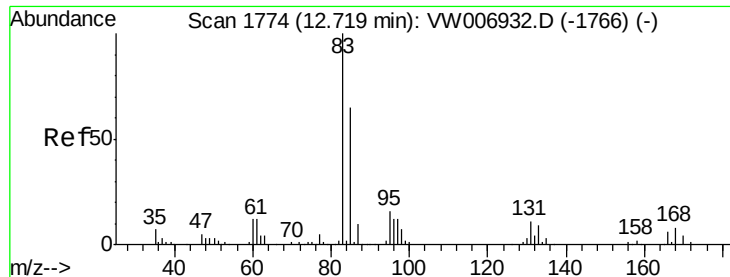
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 46.704 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

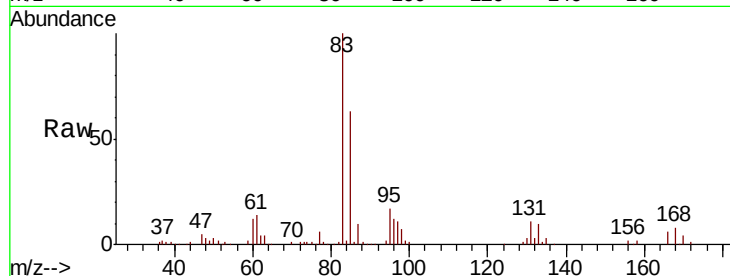
Tot Ion: 83 Resp: 52281

Ion Ratio Lower Upper

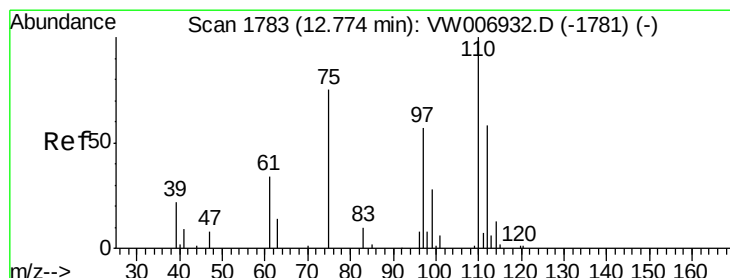
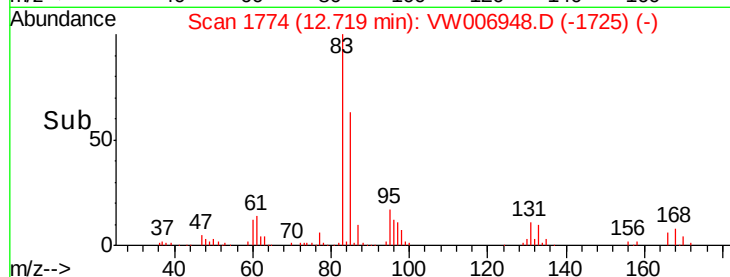
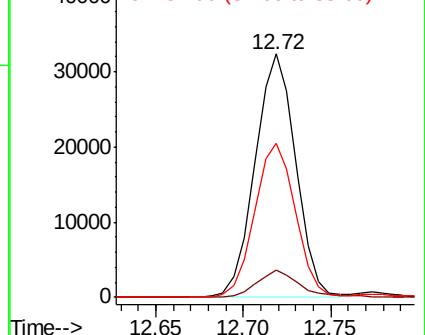
83 100

131 11.4 5.6 16.8

85 63.3 32.5 97.5



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



#76

1,2,3-Trichloropropane

Concen: 92.026 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW006948.D

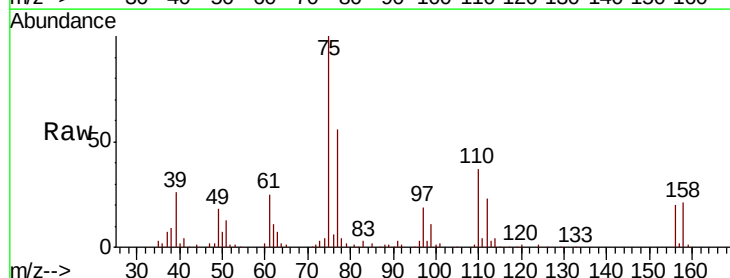
Acq: 19 Nov 2018 17:36

Tgt Ion: 75 Resp: 71065

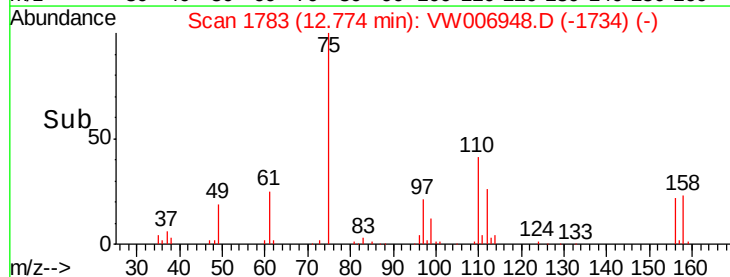
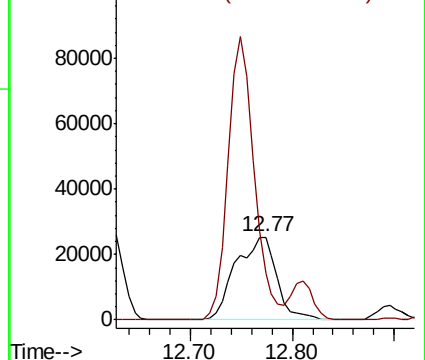
Ion Ratio Lower Upper

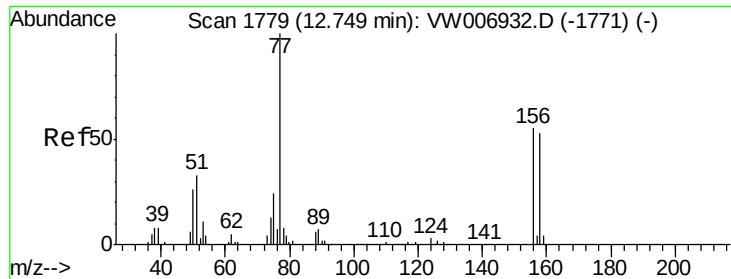
75 100

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: 50.389 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

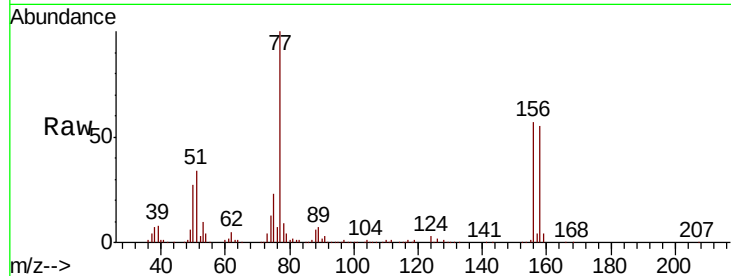
Tot Ion:156 Resp: 81273

Ion Ratio Lower Upper

156 100

77 190.3 97.8 293.3

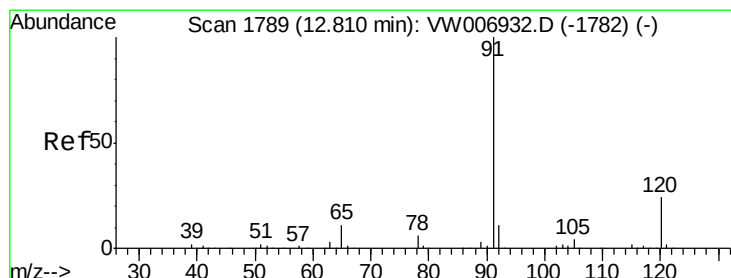
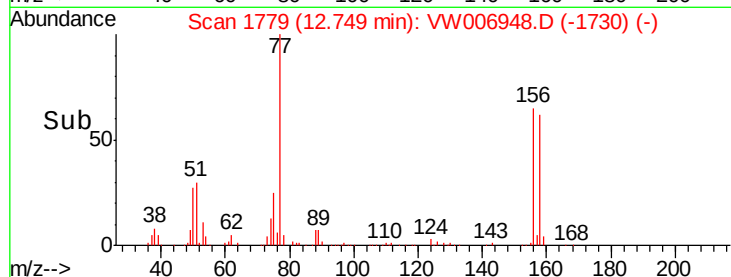
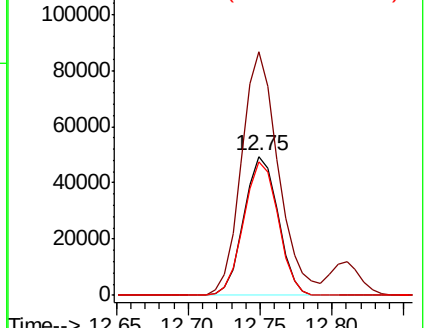
158 96.7 47.9 143.7



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: 49.640 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006948.D

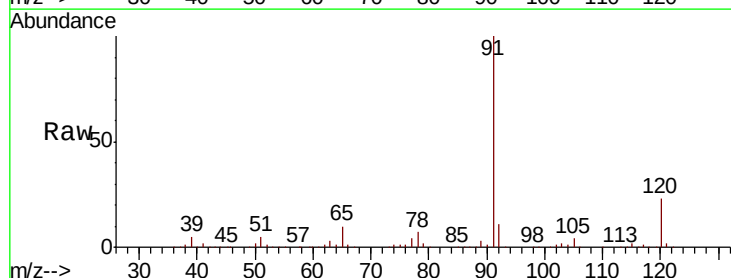
Acq: 19 Nov 2018 17:36

Tgt Ion: 91 Resp: 453925

Ion Ratio Lower Upper

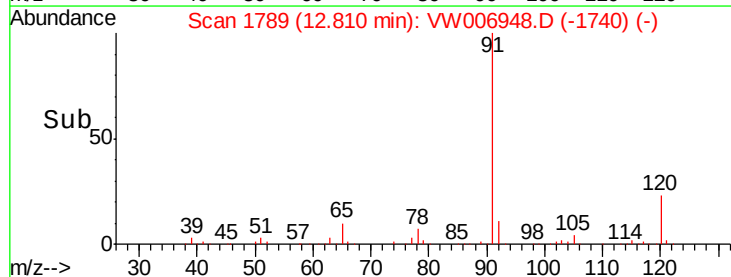
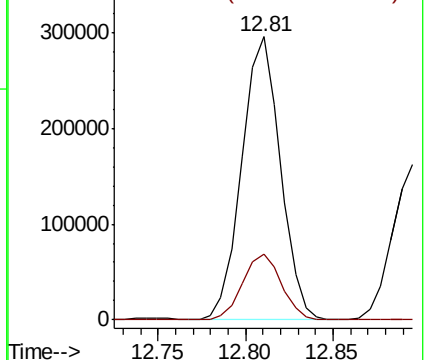
91 100

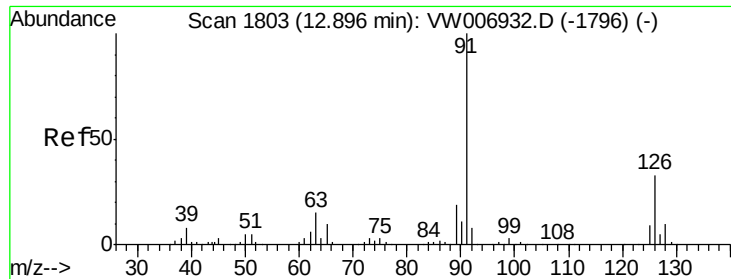
120 23.3 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.656 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

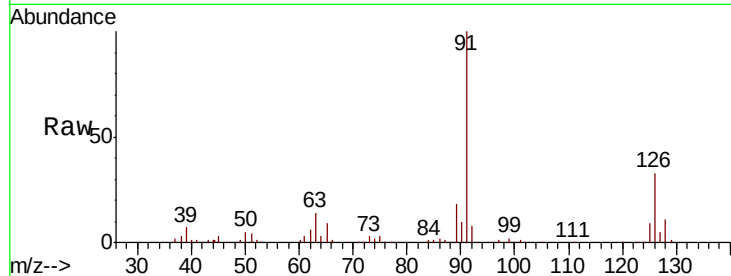
VSTDCCC050

Tot Ion: 91 Resp: 260750

Ion Ratio Lower Upper

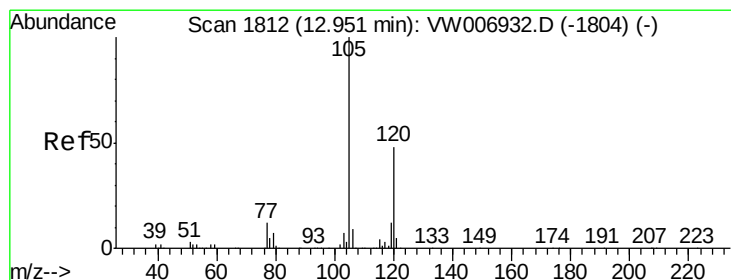
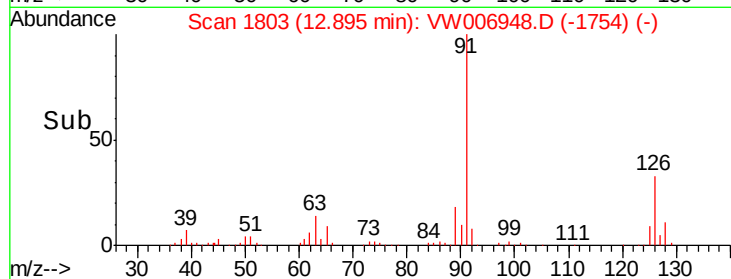
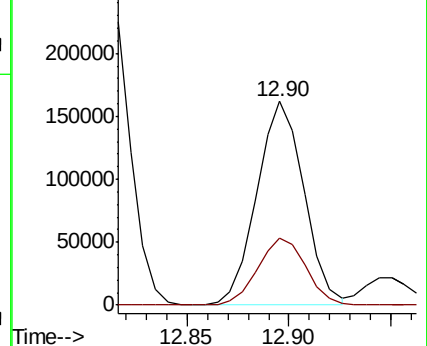
91 100

126 33.4 16.6 49.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.746 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006948.D

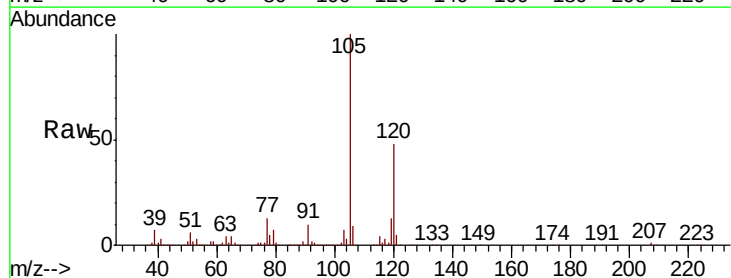
Acq: 19 Nov 2018 17:36

Tgt Ion:105 Resp: 325976

Ion Ratio Lower Upper

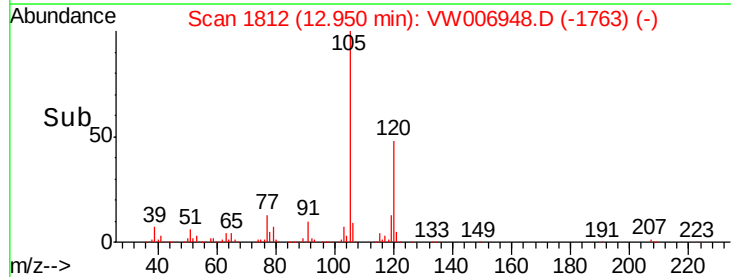
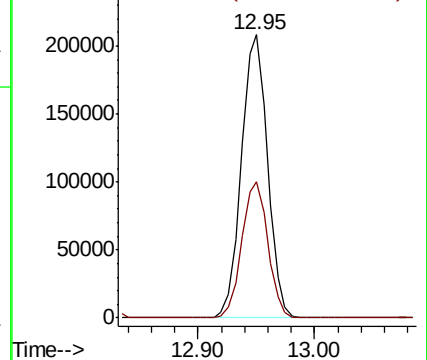
105 100

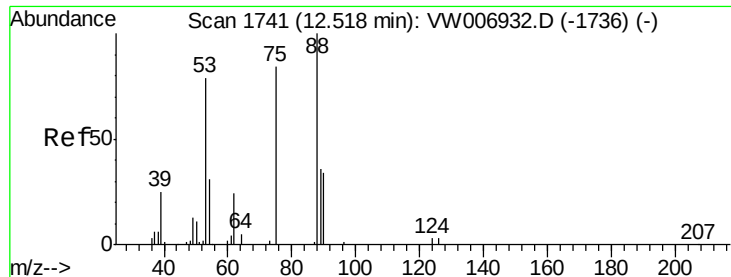
120 47.9 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 45.938 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

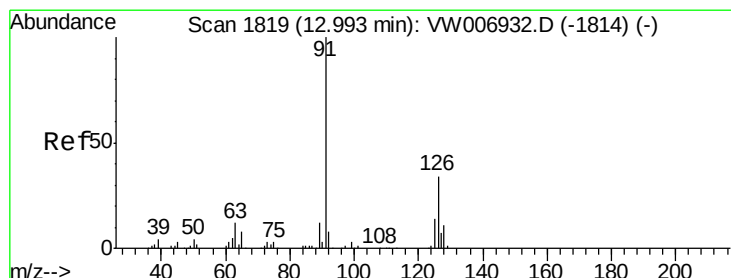
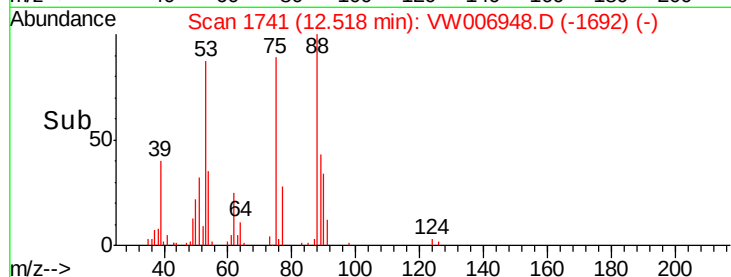
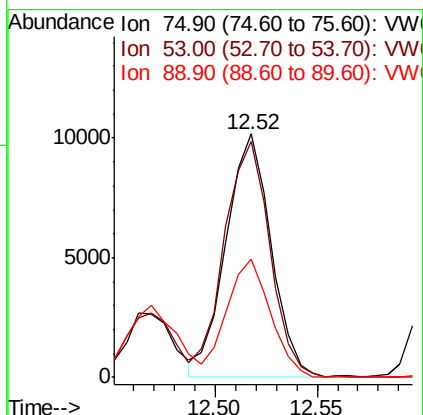
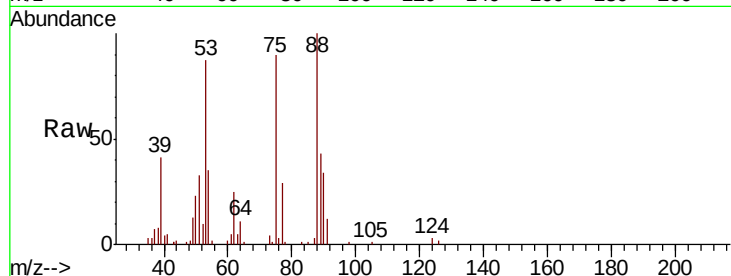
Tot Ion: 75 Resp: 15584

Ion Ratio Lower Upper

75 100

53 98.3 79.3 118.9

89 46.7 39.5 59.3



#82

4-Chlorotoluene

Concen: 49.174 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW006948.D

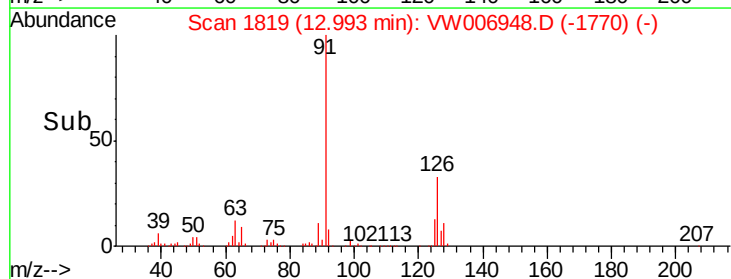
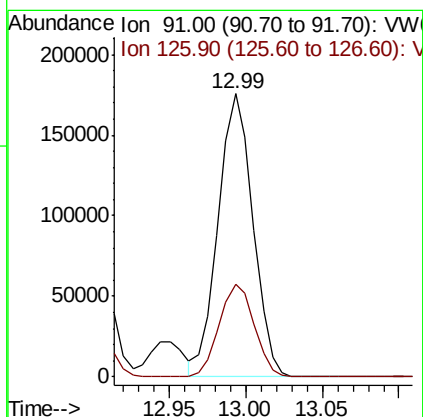
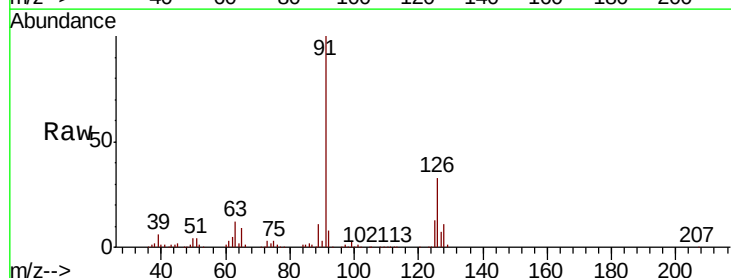
Acq: 19 Nov 2018 17:36

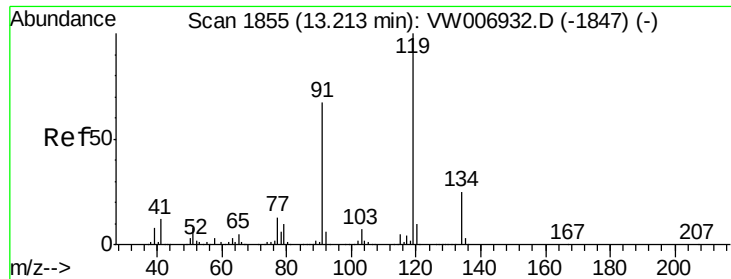
Tgt Ion: 91 Resp: 277842

Ion Ratio Lower Upper

91 100

126 33.1 16.2 48.6

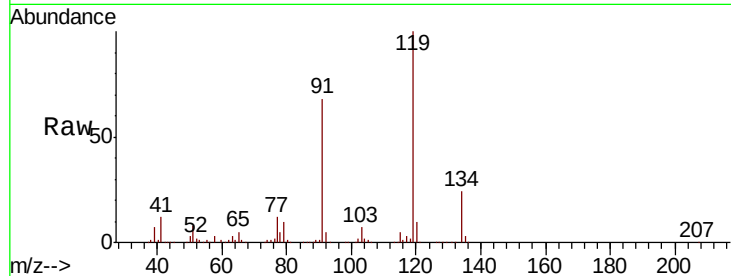




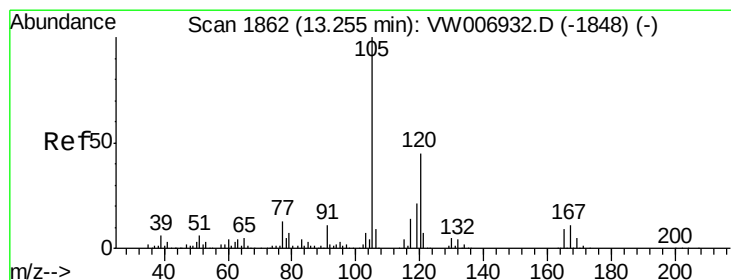
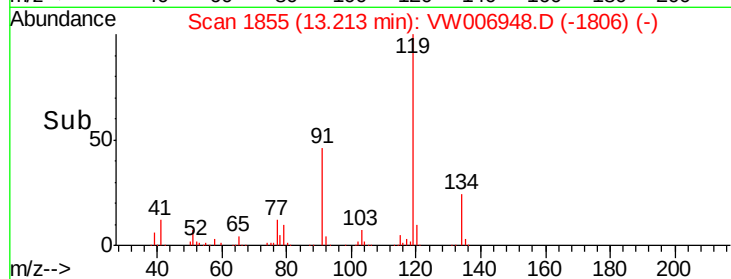
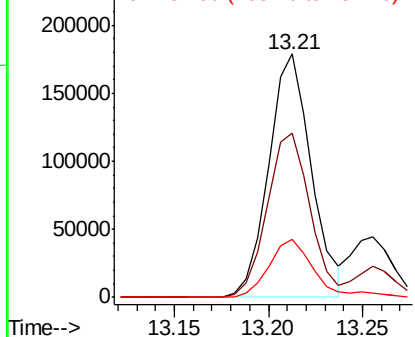
#83
tert-Butylbenzene
Concen: 50.371 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:119 Resp: 280303
Ion Ratio Lower Upper
119 100
91 67.7 33.8 101.4
134 25.7 12.6 37.8

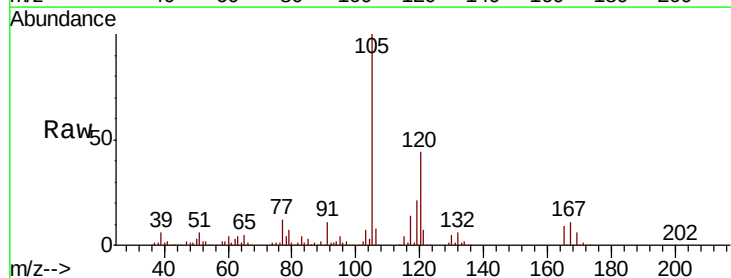


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

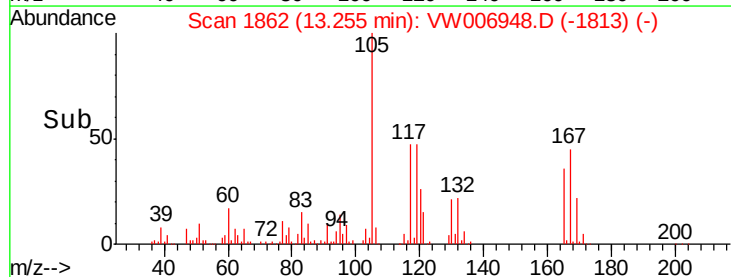
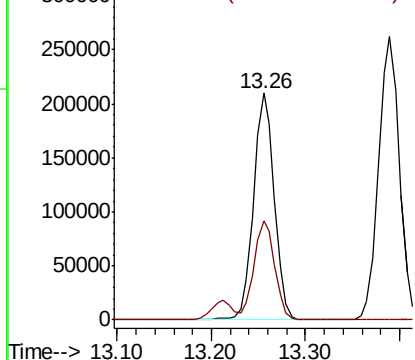


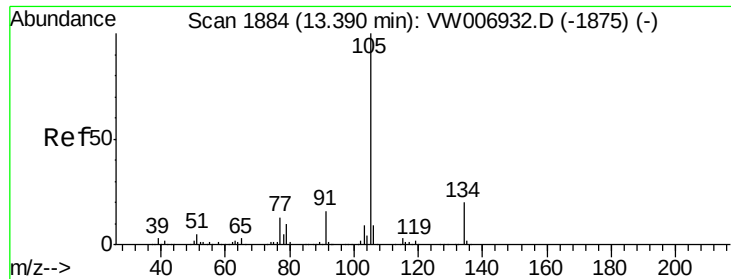
#84
1,2,4-Trimethylbenzene
Concen: 49.401 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Tgt Ion:105 Resp: 325206
Ion Ratio Lower Upper
105 100
120 43.6 21.9 65.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

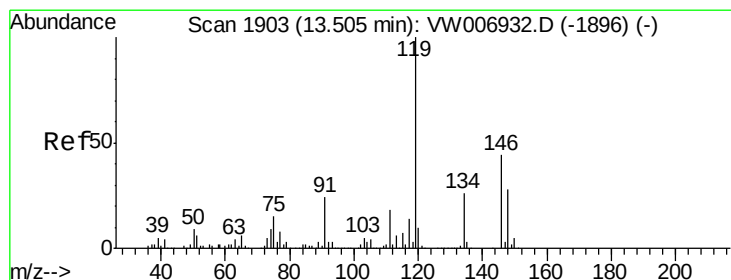
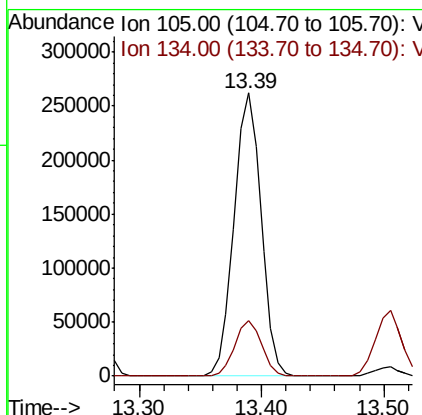
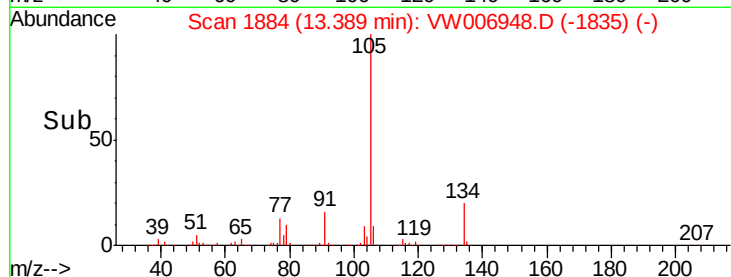
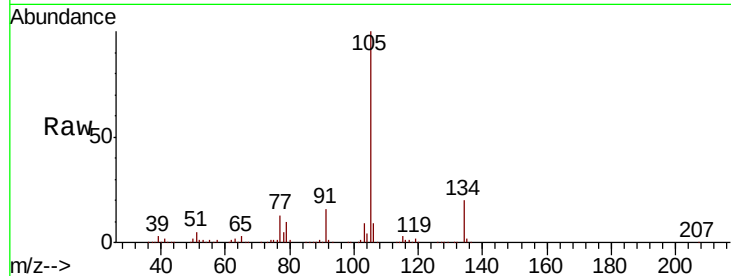




#85
 sec-Butylbenzene
 Concen: 50.396 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006948.D
 Acq: 19 Nov 2018 17:36

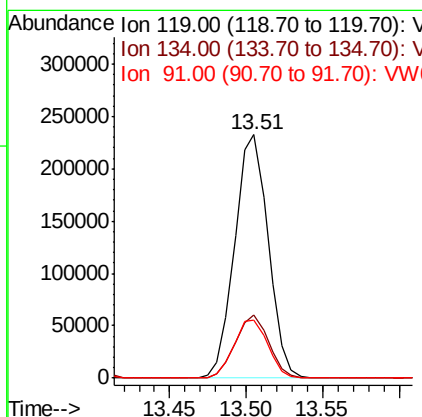
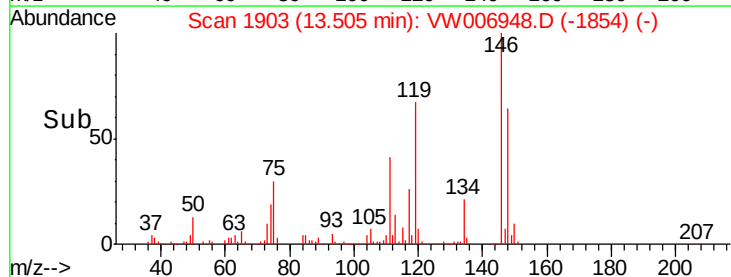
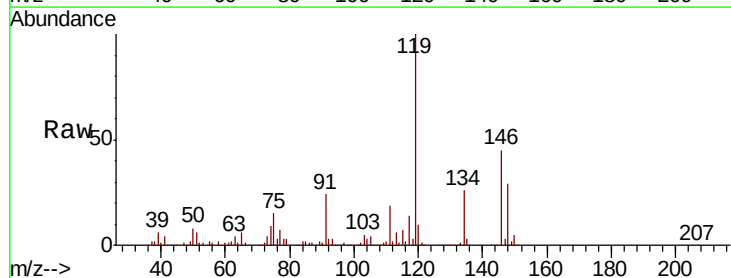
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

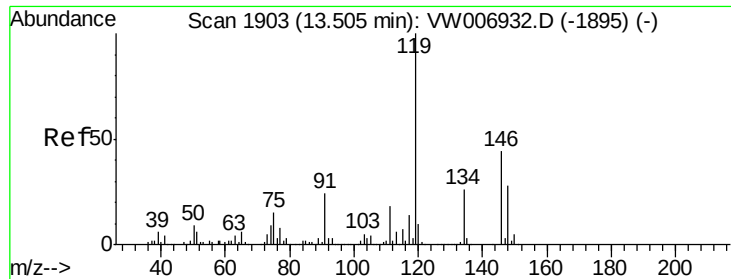
Tot Ion:105 Resp: 400149
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 50.868 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006948.D
 Acq: 19 Nov 2018 17:36

Tgt Ion:119 Resp: 353001
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.7 38.1
 91 24.4 12.4 37.2

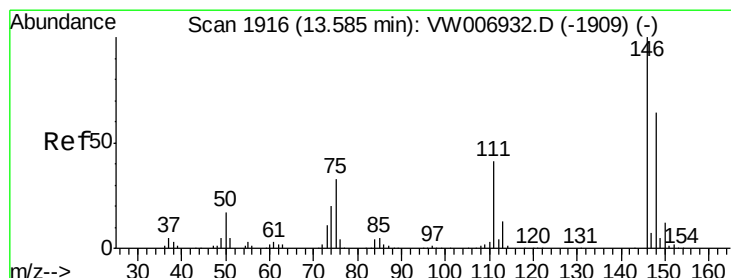
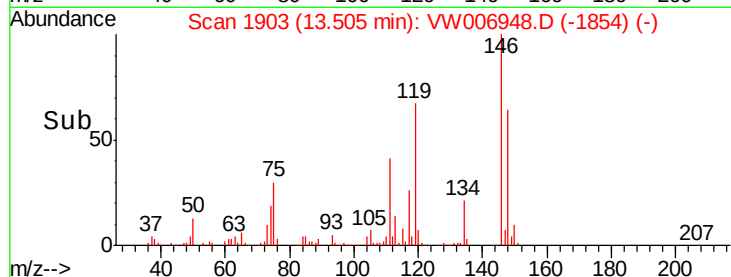
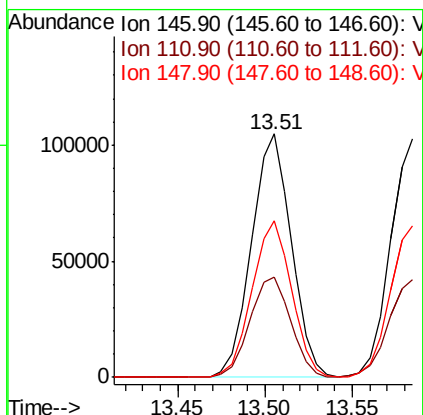
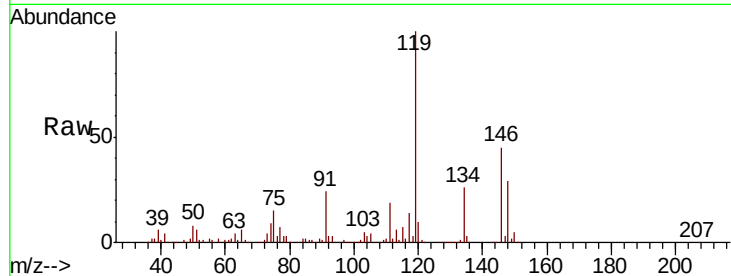




#87
 1,3-Dichlorobenzene
 Concen: 50.250 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006948.D
 Acq: 19 Nov 2018 17:36

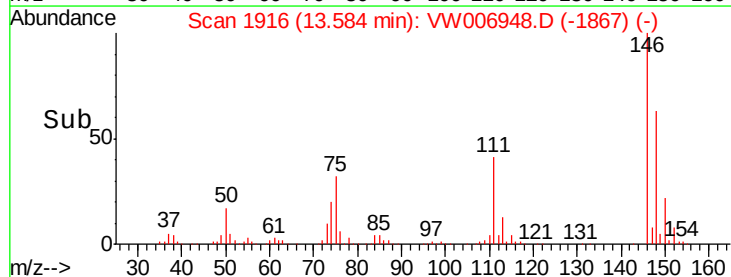
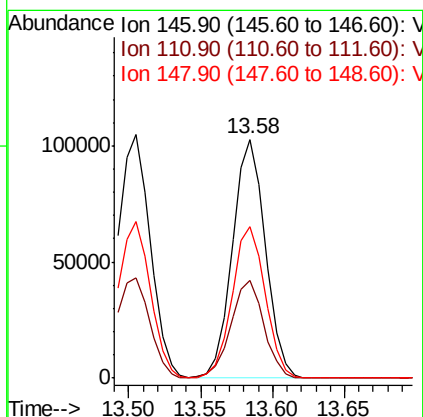
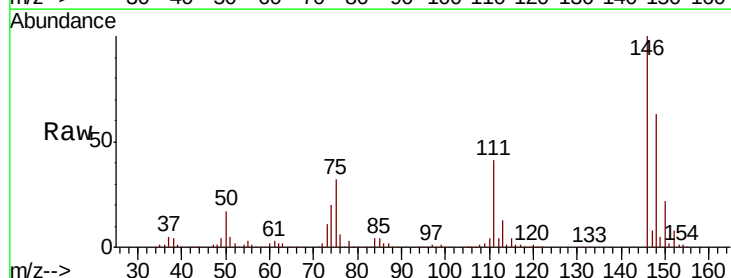
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

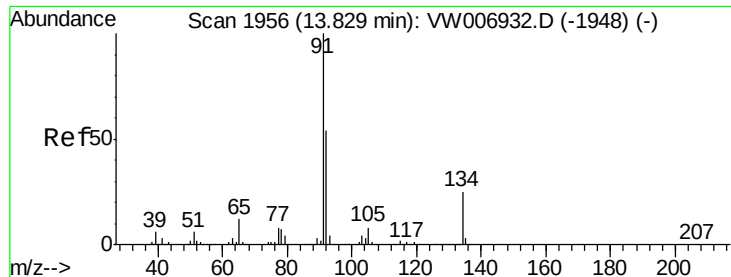
Tot Ion:146 Resp: 165732
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.3 63.9
 148 63.9 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 49.888 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006948.D
 Acq: 19 Nov 2018 17:36

Tgt Ion:146 Resp: 163984
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.7 62.1
 148 64.0 31.9 95.9





#89

n-Butylbenzene

Concen: 51.181 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW006948.D

Acq: 19 Nov 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

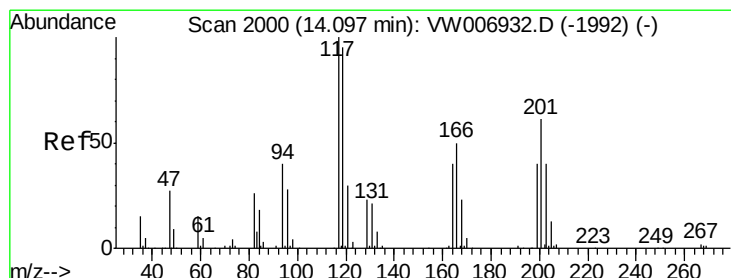
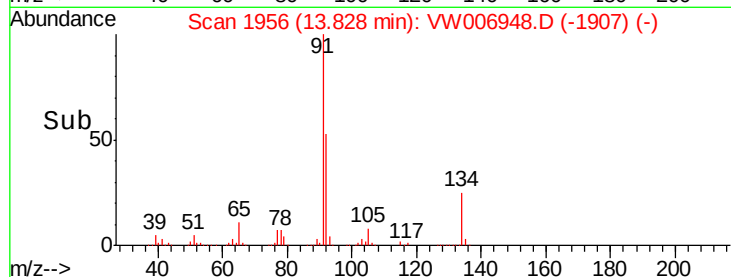
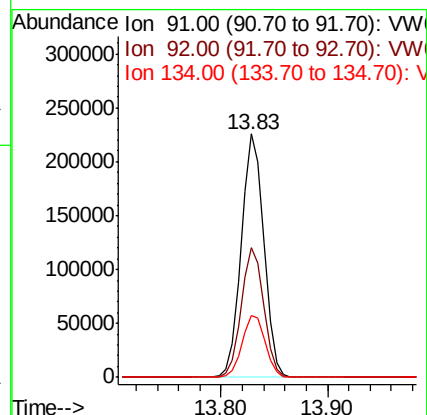
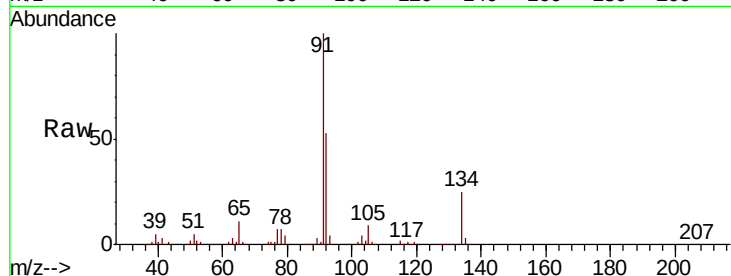
Tot Ion: 91 Resp: 336198

Ion Ratio Lower Upper

91 100

92 53.2 26.4 79.2

134 26.2 12.9 38.6



#90

Hexachloroethane

Concen: 46.417 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW006948.D

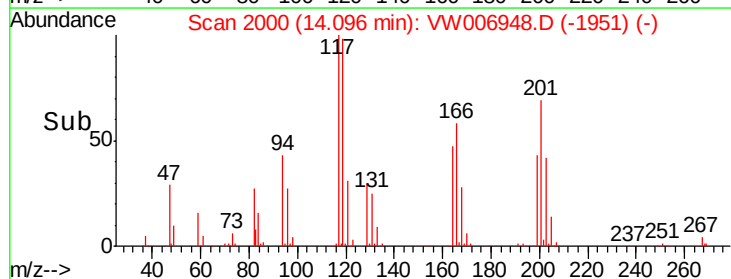
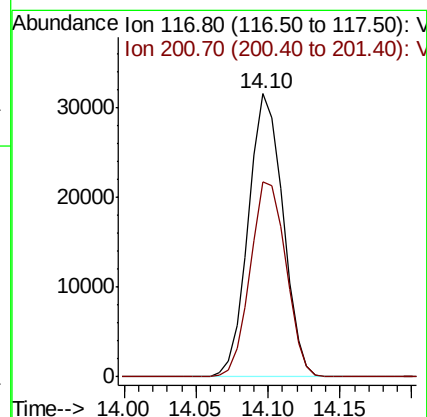
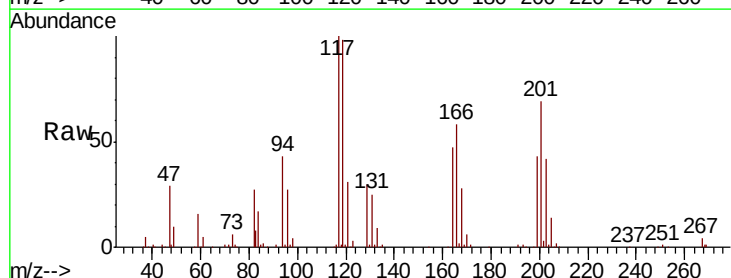
Acq: 19 Nov 2018 17:36

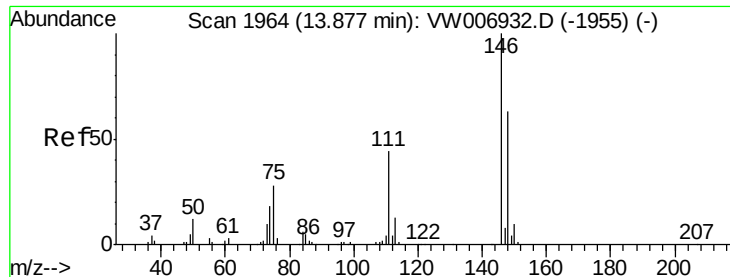
Tgt Ion: 117 Resp: 52512

Ion Ratio Lower Upper

117 100

201 70.6 33.8 101.4

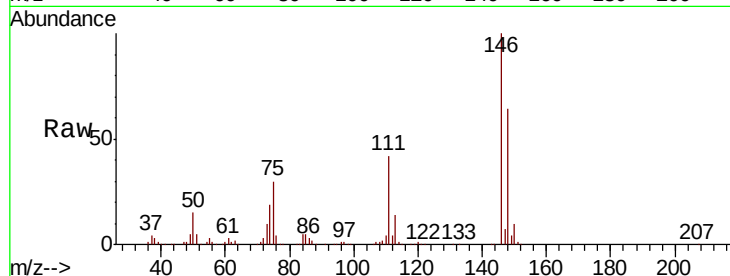




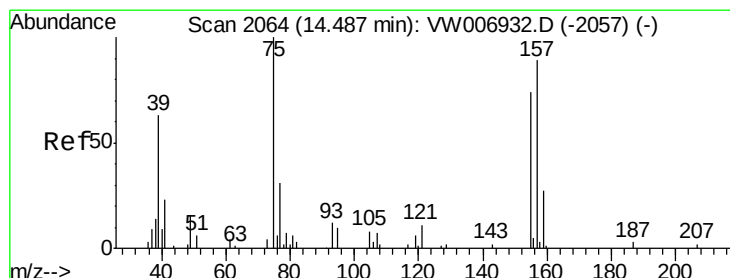
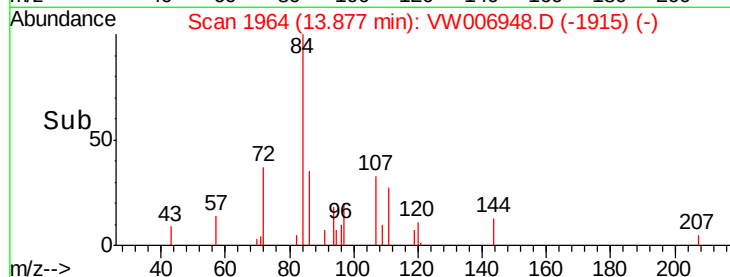
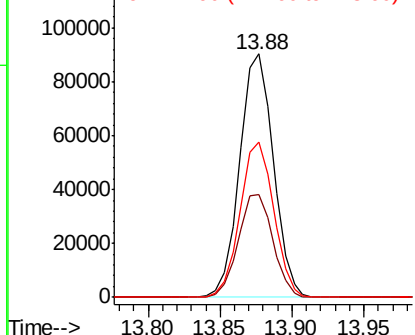
#91
 1,2-Dichlorobenzene
 Concen: 49.731 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006948.D
 Acq: 19 Nov 2018 17:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 146665
 Ion Ratio Lower Upper
 146 100
 111 43.4 22.6 67.7
 148 63.8 31.7 95.1

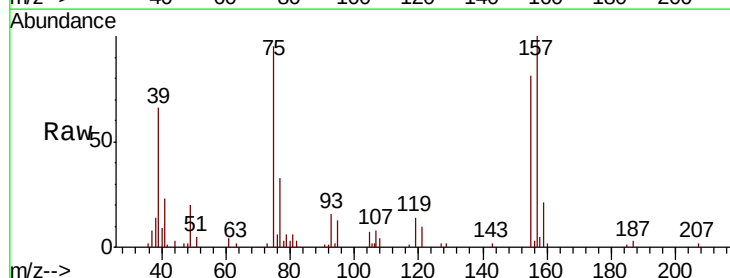


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

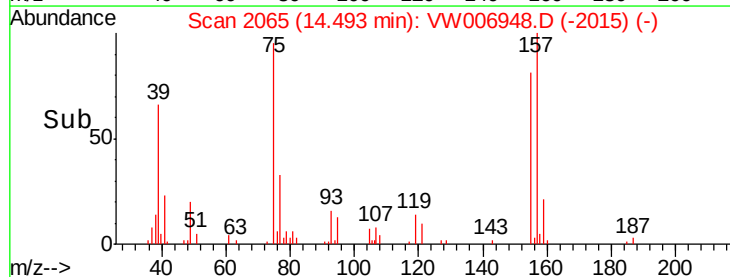
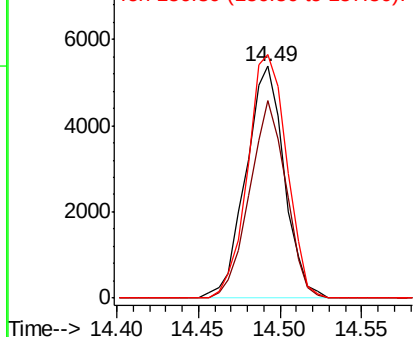


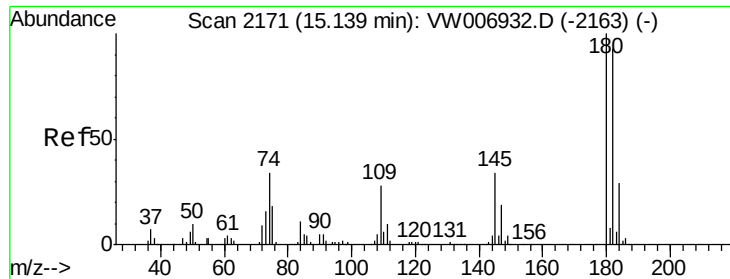
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.480 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW006948.D
 Acq: 19 Nov 2018 17:36

Tgt Ion: 75 Resp: 8810
 Ion Ratio Lower Upper
 75 100
 155 81.0 38.6 115.7
 157 106.8 49.7 149.1



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

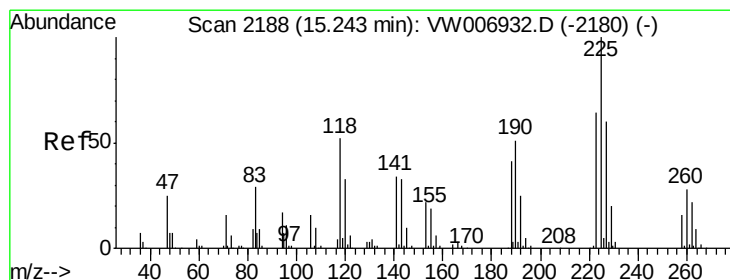
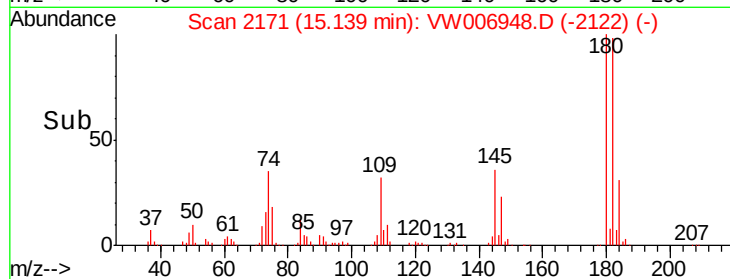
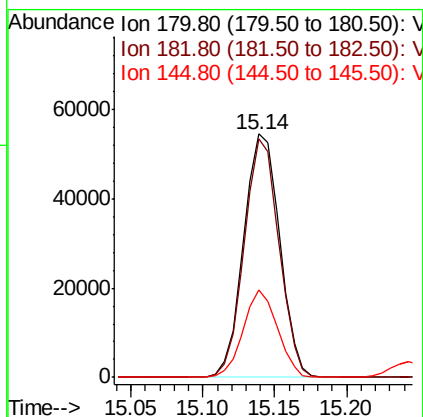
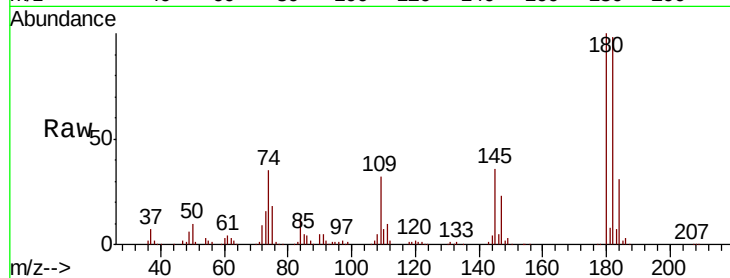




#93
 1,2,4-Trichlorobenzene
 Concen: 50.857 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW006948.D
 Acq: 19 Nov 2018 17:36

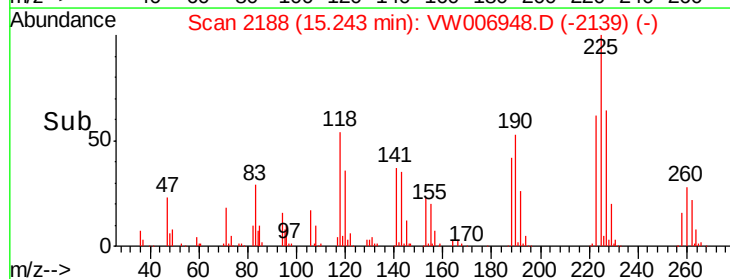
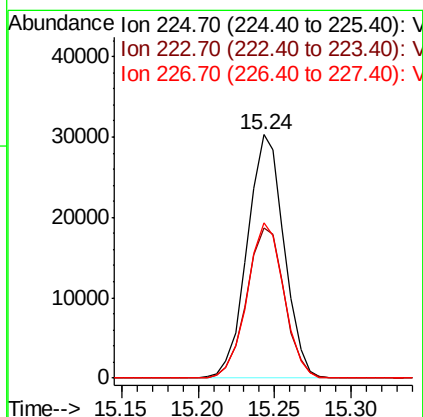
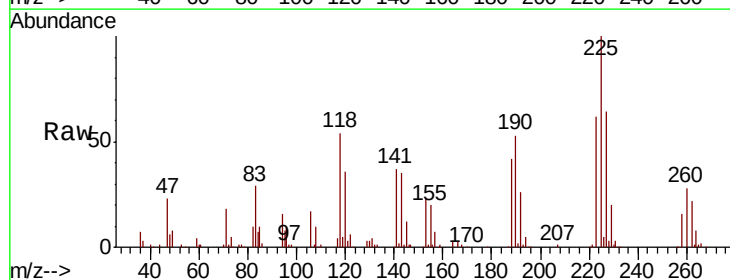
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

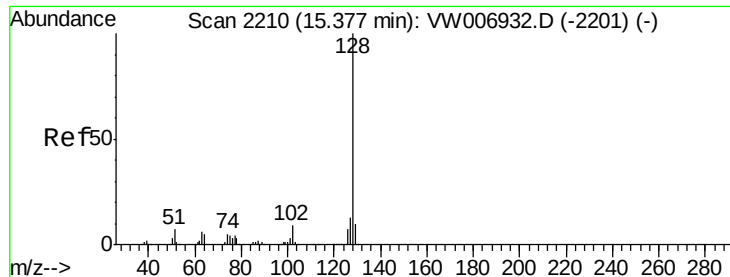
Tot Ion:180 Resp: 94369
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.3 141.9
 145 34.0 16.8 50.4



#94
 Hexachlorobutadiene
 Concen: 51.712 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006948.D
 Acq: 19 Nov 2018 17:36

Tgt Ion:225 Resp: 50688
 Ion Ratio Lower Upper
 225 100
 223 63.1 32.1 96.3
 227 63.3 31.6 95.0

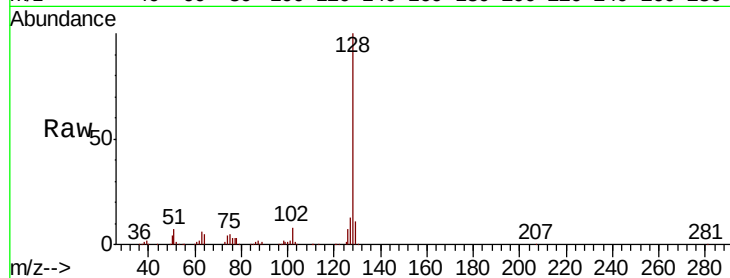




#95
Naphthalene
Concen: 49.274 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

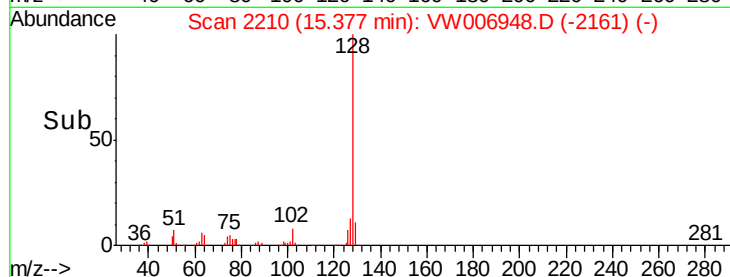
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 176168
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.9 8.5 12.7

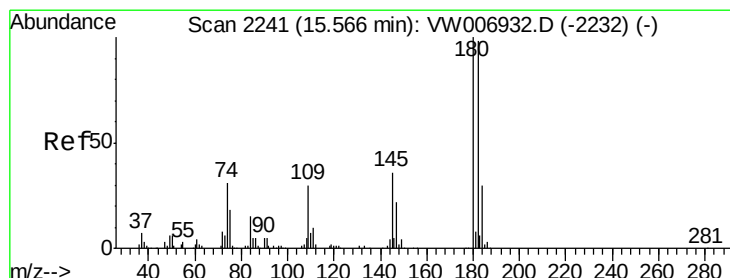


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

15.38

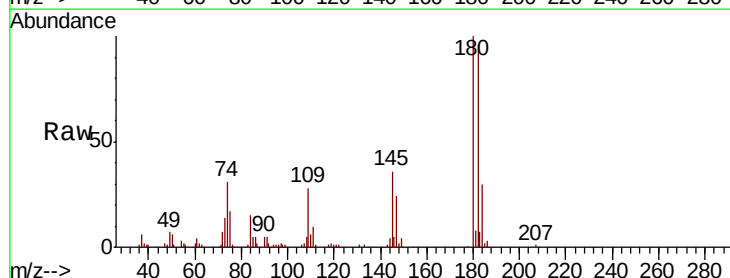


Time-->



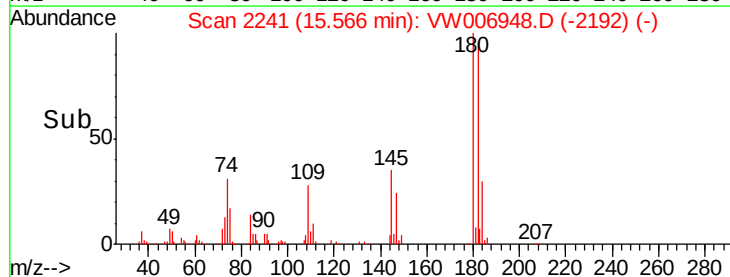
#96
1,2,3-Trichlorobenzene
Concen: 50.303 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006948.D
Acq: 19 Nov 2018 17:36

Tgt Ion:180 Resp: 80018
Ion Ratio Lower Upper
180 100
182 94.0 47.4 142.2
145 35.1 17.6 52.9



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

15.57



Time-->