

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091218\
 Data File : VW005342.D
 Acq On : 12 Sep 2018 22:47
 Operator : SY/AP
 Sample : VSTDCCC050EC
 Misc : 5.02G/5ML/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 13 01:02:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	393230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	552382	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	548309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	304537	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	153603	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	
35) Dibromofluoromethane	7.89	113	156490	54.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.16%	
50) Toluene-d8	10.33	98	778761	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
62) 4-Bromofluorobenzene	12.62	95	288357	53.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.84%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	153852	45.356	ug/l	99
3) Chloromethane	2.21	50	213198	47.011	ug/l	99
4) Vinyl Chloride	2.35	62	197401	47.414	ug/l	98
5) Bromomethane	2.75	94	139635	55.629	ug/l	96
6) Chloroethane	2.91	64	113980	49.700	ug/l	99
7) Trichlorofluoromethane	3.25	101	225235	47.824	ug/l	97
8) Diethyl Ether	3.68	74	83654	49.839	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	158711	47.178	ug/l	100
10) Methyl Iodide	4.27	142	185658	44.774	ug/l	100
11) Tert butyl alcohol	5.17	59	69037	287.026	ug/l	99
12) 1,1-Dichloroethene	4.04	96	146546	47.311	ug/l	95
13) Acrolein	3.90	56	54730	235.561	ug/l	100
14) Allyl chloride	4.67	41	221146	46.465	ug/l	98
15) Acrylonitrile	5.37	53	220576	291.283	ug/l	98
16) Acetone	4.13	43	158293	290.765	ug/l	96
17) Carbon Disulfide	4.38	76	555337	51.077	ug/l	99
18) Methyl Acetate	4.68	43	92575	56.965	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	399007	54.083	ug/l	98
20) Methylene Chloride	4.92	84	223128	55.512	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	174735	48.315	ug/l	95
22) Diisopropyl ether	6.32	45	495776	51.741	ug/l	97
23) Vinyl Acetate	6.26	43	1388190	259.966	ug/l	99
24) 1,1-Dichloroethane	6.22	63	289263	49.042	ug/l	98
25) 2-Butanone	7.18	43	245210	285.554	ug/l	99
26) 2,2-Dichloropropane	7.17	77	229836	44.944	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	194949	50.367	ug/l	98
28) Bromochloromethane	7.52	49	113306	52.073	ug/l #	97
29) Tetrahydrofuran	7.54	42	162009	279.960	ug/l	97
30) Chloroform	7.68	83	294836	49.810	ug/l	97
31) Cyclohexane	7.96	56	295468	47.079	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	267405	50.006	ug/l	100
36) 1,1-Dichloropropene	8.09	75	254547	50.298	ug/l	100
37) Ethyl Acetate	7.26	43	106186	55.164	ug/l	99
38) Carbon Tetrachloride	8.07	117	237635	50.127	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	332608	49.501	ug/l	97
40) Benzene	8.33	78	790359	53.010	ug/l	99
41) Methacrylonitrile	7.49	41	68011	68.867	ug/l	90
42) 1,2-Dichloroethane	8.40	62	186349	52.244	ug/l	99
43) Isopropyl Acetate	8.43	43	205607	57.519	ug/l	99
44) Trichloroethene	9.10	130	210053	51.355	ug/l	99
45) 1,2-Dichloropropane	9.37	63	186156	51.945	ug/l	98
46) Dibromomethane	9.46	93	91995	52.444	ug/l	99
47) Bromodichloromethane	9.65	83	221826	51.694	ug/l	97
48) Methyl methacrylate	9.44	41	101612	54.747	ug/l	90
49) 1,4-Dioxane	9.45	88	41745	1274.614	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	605281	300.898	ug/l	99
52) Toluene	10.40	92	562159	51.879	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	241955	52.174	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	285515	51.412	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	151691	54.235	ug/l	98
56) Ethyl methacrylate	10.65	69	211936	59.770	ug/l	97
57) 1,3-Dichloropropane	10.94	76	251333	54.115	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	452280	293.464	ug/l	99
59) 2-Hexanone	10.98	43	441197	304.234	ug/l	100
60) Dibromochloromethane	11.13	129	172811	55.682	ug/l	100
61) 1,2-Dibromoethane	11.24	107	143305	55.872	ug/l	100
64) Tetrachloroethene	10.87	164	233810	57.476	ug/l	98
65) Chlorobenzene	11.66	112	635274	52.889	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	191565	53.415	ug/l	100
67) Ethyl Benzene	11.74	91	1093239	52.264	ug/l	100
68) m/p-Xylenes	11.85	106	882007	104.636	ug/l	98
69) o-Xylene	12.17	106	416900	53.160	ug/l	99
70) Styrene	12.19	104	700057	54.706	ug/l	100
71) Bromoform	12.35	173	115433	59.363	ug/l #	98
73) Isopropylbenzene	12.47	105	1113508	51.750	ug/l	99
74) N-amyl acetate	12.28	43	237532	58.021	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	184634	57.096	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	242479	103.520	ug/l #	100
77) Bromobenzene	12.76	156	273002	53.855	ug/l	99
78) n-propylbenzene	12.81	91	1325793	51.303	ug/l	100
79) 2-Chlorotoluene	12.90	91	764694	51.601	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	959826	52.386	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	54551	54.618	ug/l	99
82) 4-Chlorotoluene	12.99	91	807878	51.865	ug/l	100
83) tert-Butylbenzene	13.21	119	825559	51.518	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	978963	53.170	ug/l	99
85) sec-Butylbenzene	13.39	105	1196268	51.944	ug/l	99
86) p-Isopropyltoluene	13.51	119	1064124	52.196	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	554633	52.107	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	551519	52.754	ug/l	99
89) n-Butylbenzene	13.83	91	992552	51.790	ug/l	99
90) Hexachloroethane	14.10	117	171018	52.358	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	508347	54.335	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	32984	61.337	ug/l	97

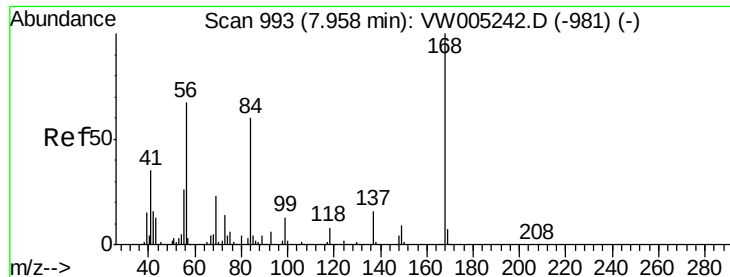
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091218\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	358763	54.211	ug/l	99
94) Hexachlorobutadiene	15.24	225	225610	53.237	ug/l	99
95) Naphthalene	15.38	128	665507	62.023	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	323038	56.728	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

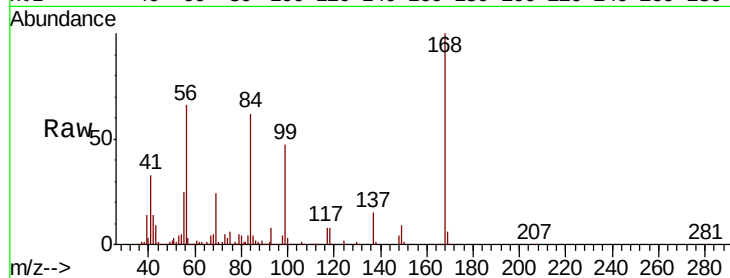
VSTDCCC050EC

Tgt Ion:168 Resp: 393230

Ion Ratio Lower Upper

168 100

99 47.4 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

150000

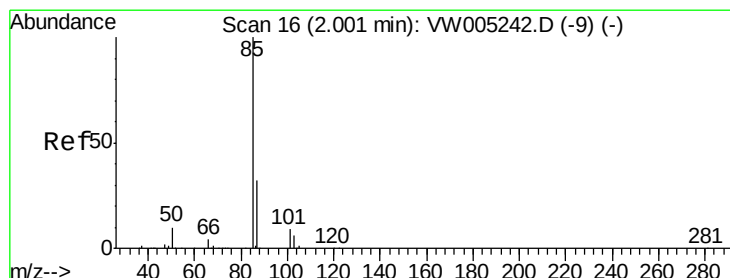
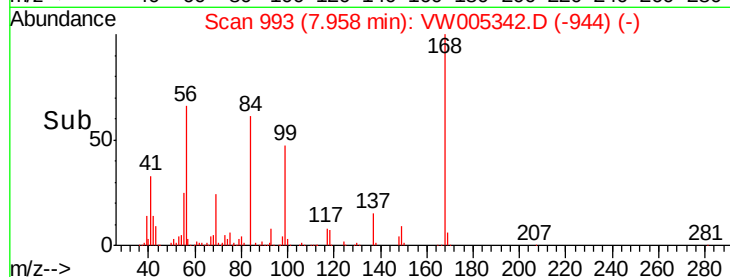
100000

50000

0

7.80 7.90 8.00 8.10 8.20

Time-->



#2

Dichlorodifluoromethane

Concen: 45.356 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW005342.D

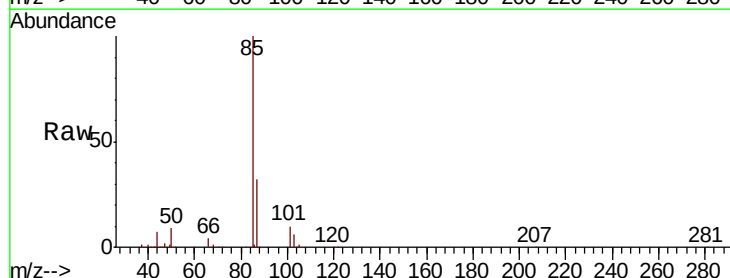
Acq: 12 Sep 2018 22:47

Tgt Ion: 85 Resp: 153852

Ion Ratio Lower Upper

85 100

87 31.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

100000

80000

60000

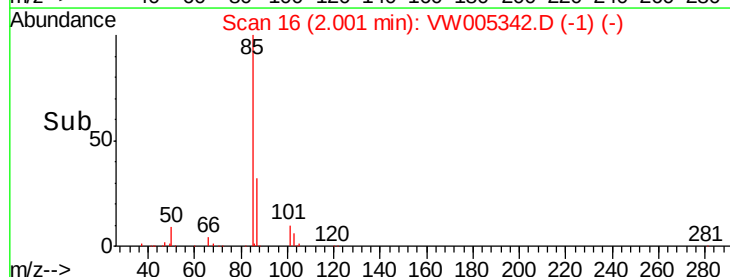
40000

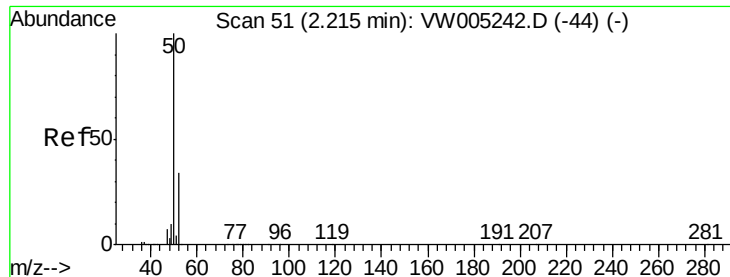
20000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 47.011 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

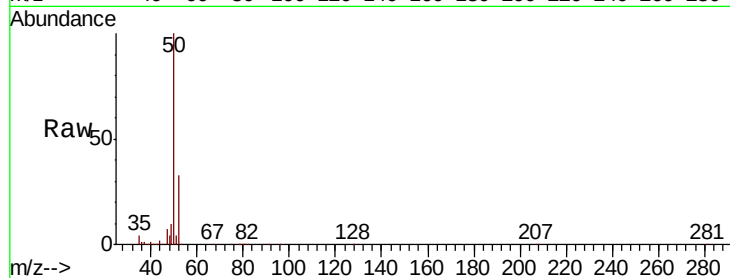
VSTDCCC050EC

Tgt Ion: 50 Resp: 213198

Ion Ratio Lower Upper

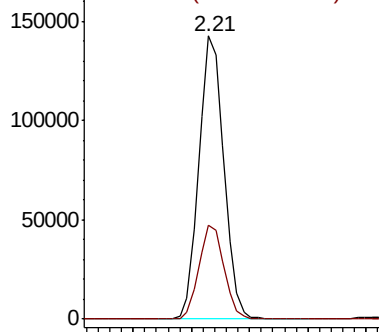
50 100

52 33.0 27.0 40.4

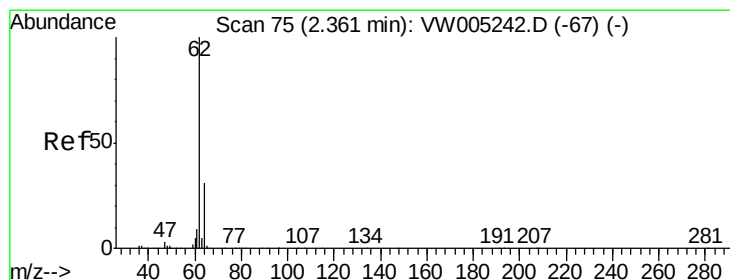
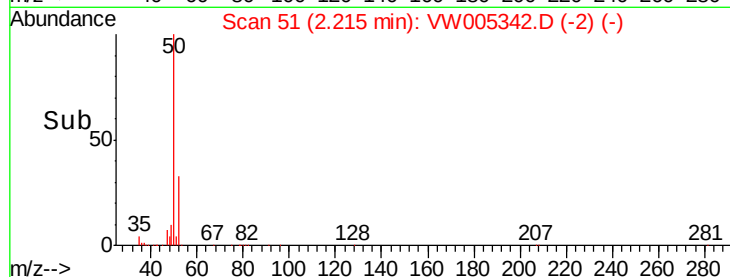


Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



Time-->



#4

Vinyl Chloride

Concen: 47.414 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW005342.D

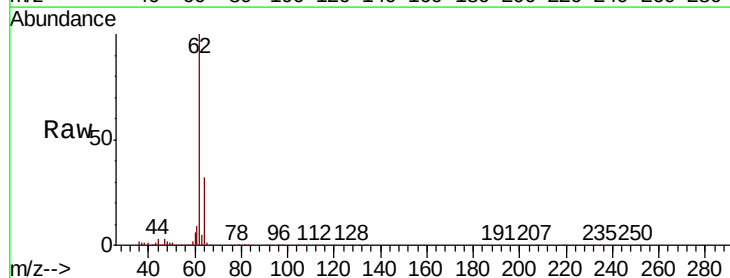
Acq: 12 Sep 2018 22:47

Tgt Ion: 62 Resp: 197401

Ion Ratio Lower Upper

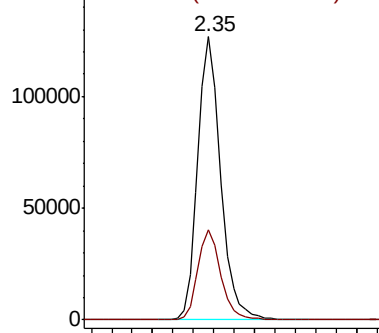
62 100

64 32.0 24.6 37.0

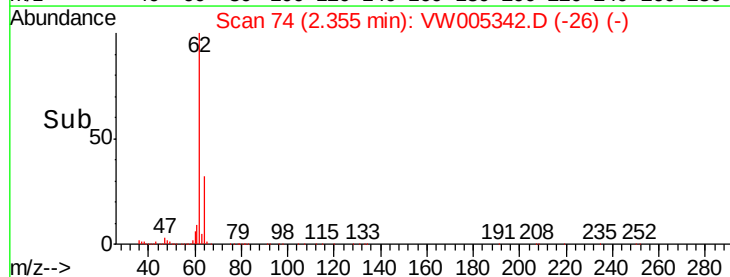


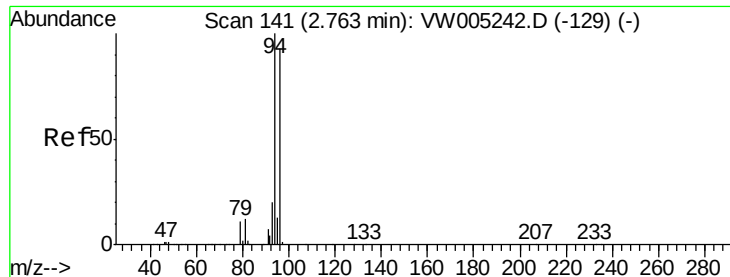
Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW



Time-->





#5

Bromomethane

Concen: 55.629 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.01 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

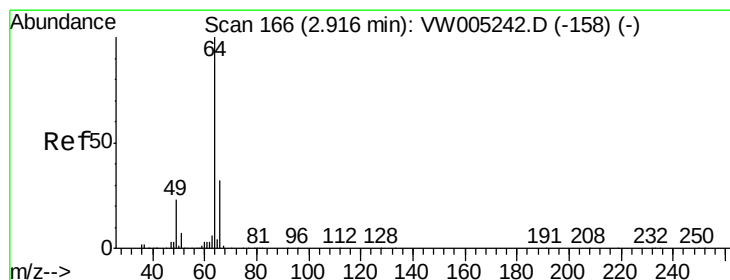
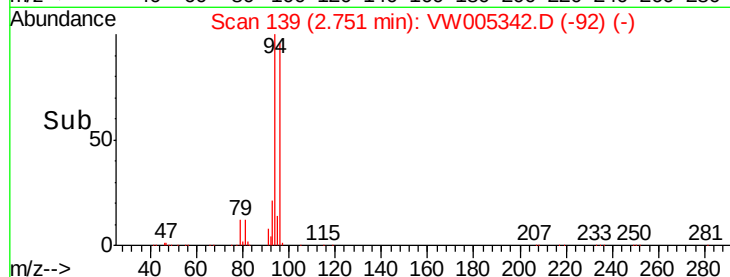
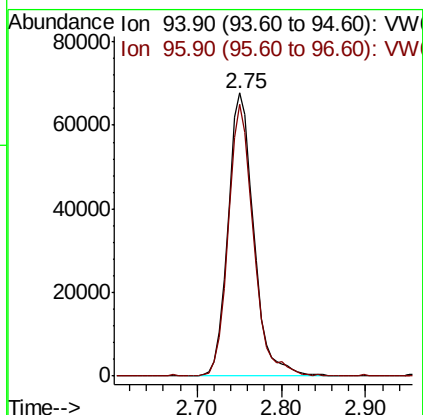
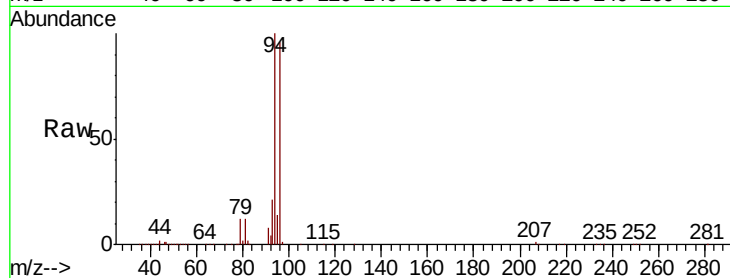
VSTDCCC050EC

Tgt Ion: 94 Resp: 139635

Ion Ratio Lower Upper

94 100

96 96.2 74.1 111.1



#6

Chloroethane

Concen: 49.700 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW005342.D

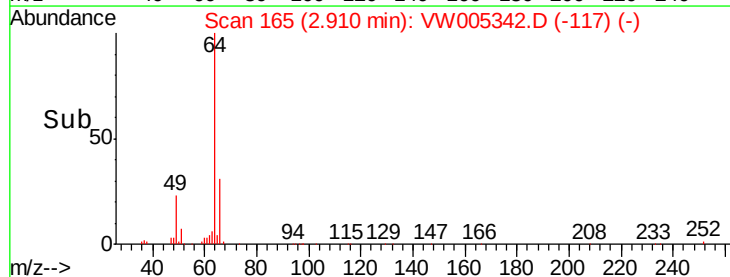
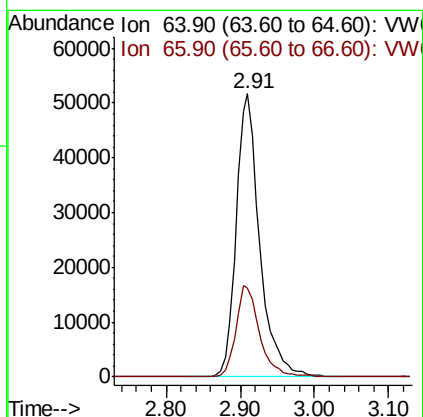
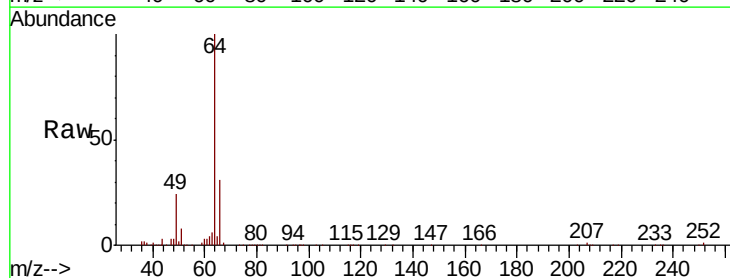
Acq: 12 Sep 2018 22:47

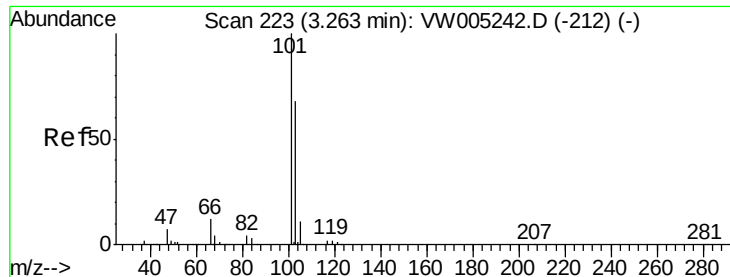
Tgt Ion: 64 Resp: 113980

Ion Ratio Lower Upper

64 100

66 31.3 25.3 37.9



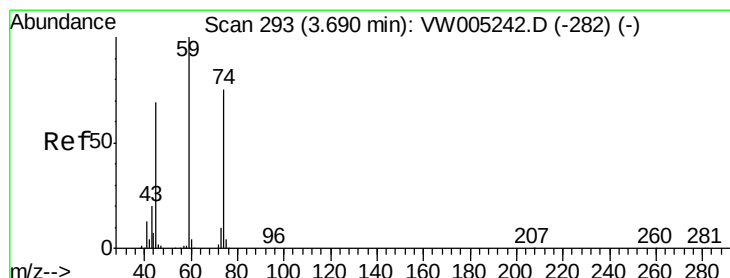
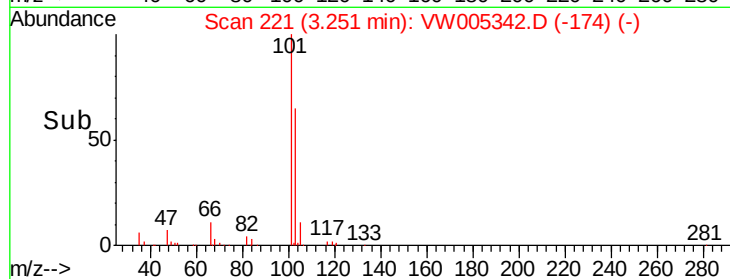
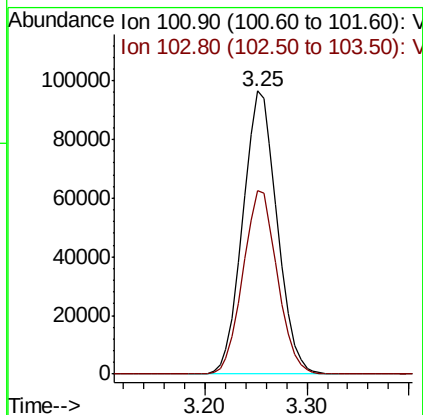
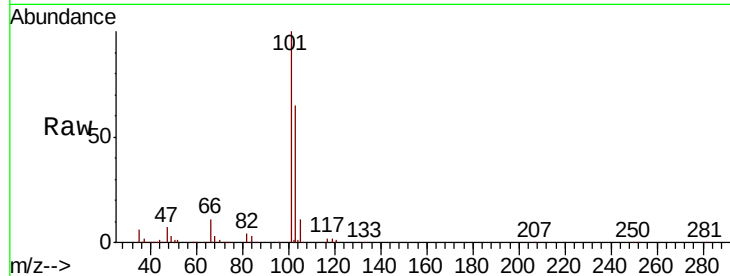


#7

Trichlorofluoromethane
Concen: 47.824 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW005342.D
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MSVOA_W
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VSTDCCC050EC

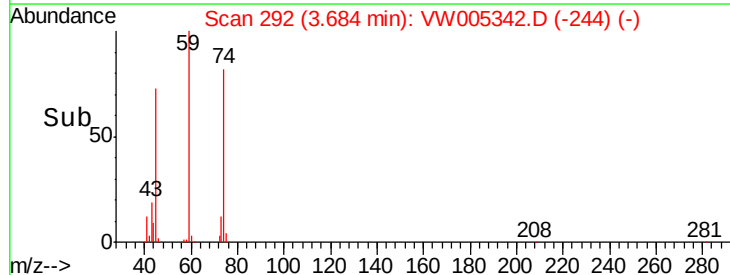
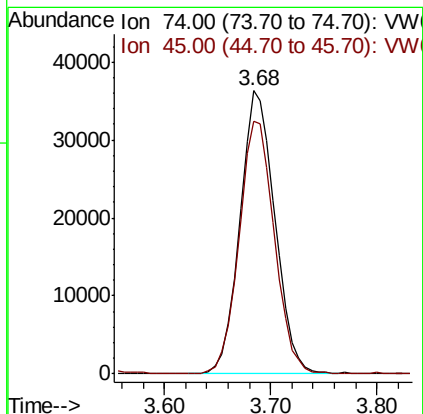
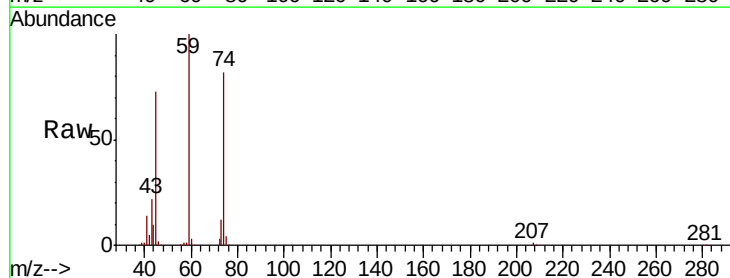
Tgt Ion: 101 Resp: 225235
Ion Ratio Lower Upper
101 100
103 64.9 54.1 81.1

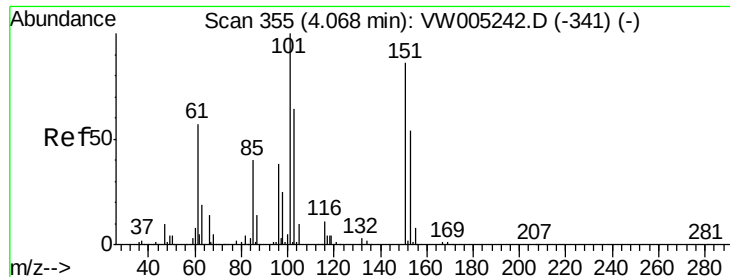


#8

Diethyl Ether
Concen: 49.839 ug/l
RT: 3.68 min Scan# 292
Delta R.T. -0.01 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

Tgt Ion: 74 Resp: 83654
Ion Ratio Lower Upper
74 100
45 90.2 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.178 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

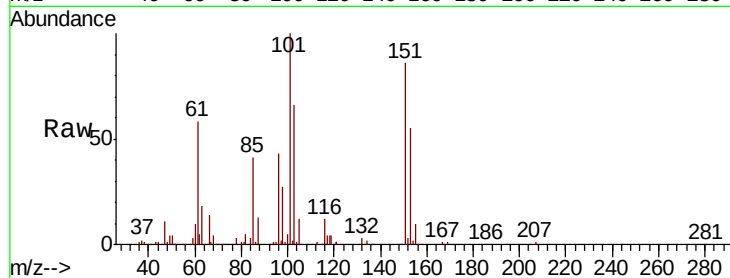
Tgt Ion:101 Resp: 158711

Ion Ratio Lower Upper

101 100

85 40.7 32.7 49.1

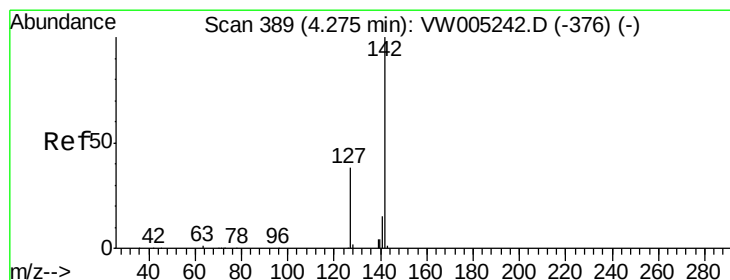
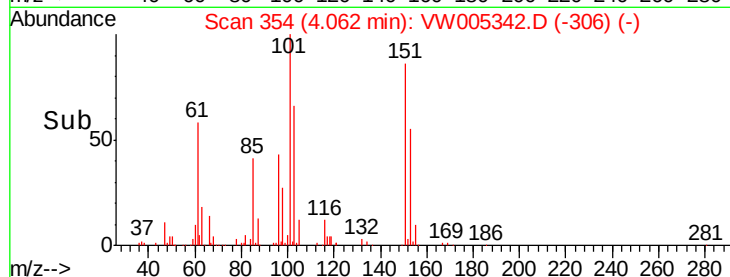
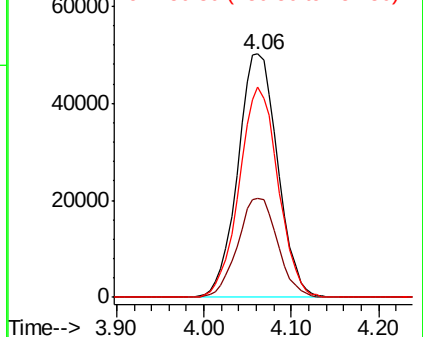
151 84.4 67.6 101.4



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: 44.774 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

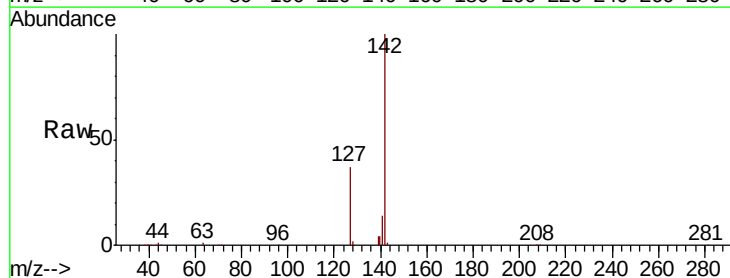
Tgt Ion:142 Resp: 185658

Ion Ratio Lower Upper

142 100

127 37.6 30.3 45.5

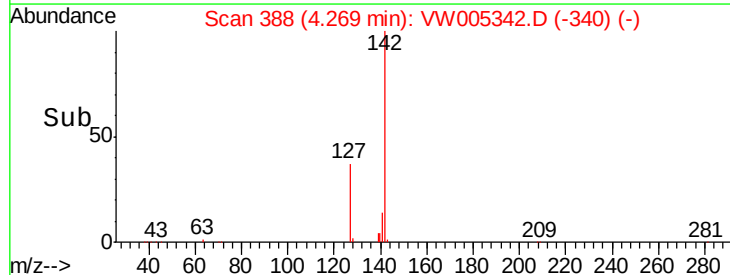
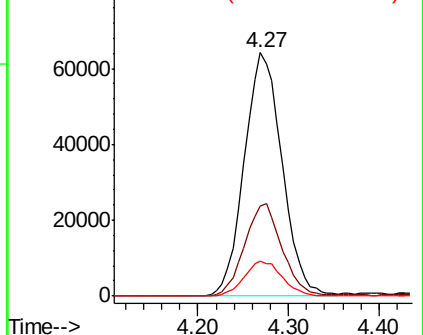
141 14.4 11.4 17.0

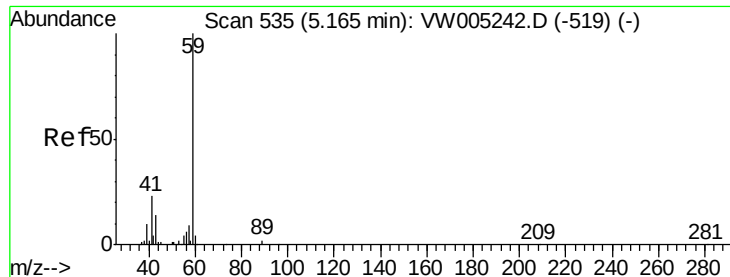


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



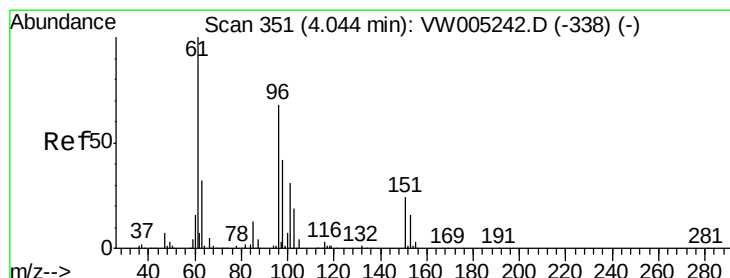
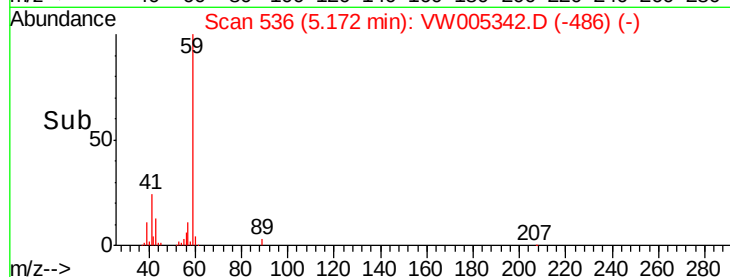
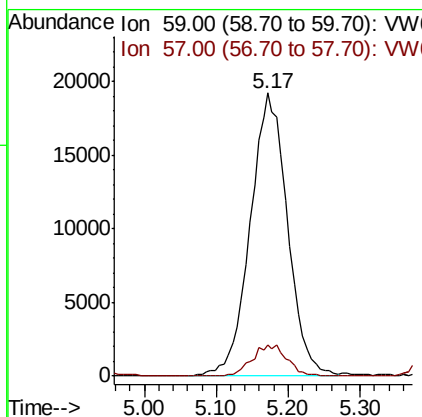
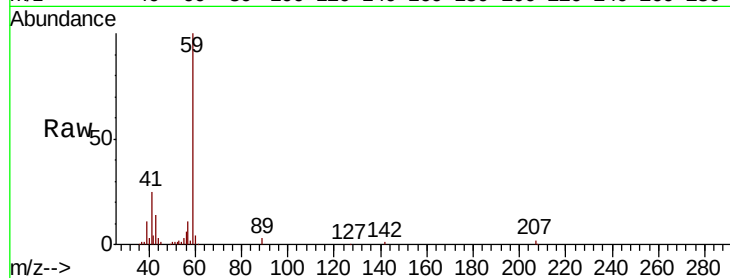


#11

Tert butyl alcohol
 Concen: 287.026 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW005342.D
 Acq: 12 Sep 2018 22:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

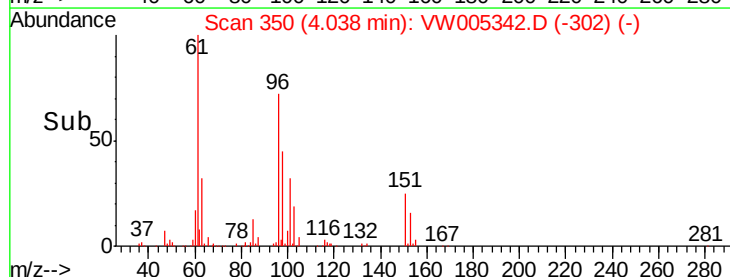
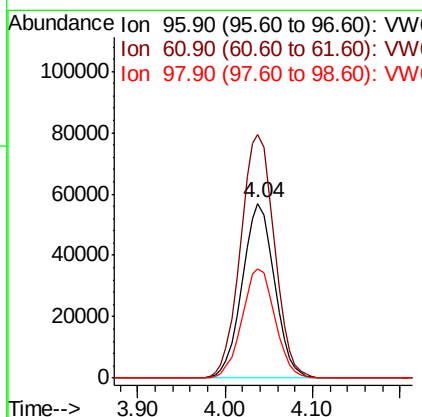
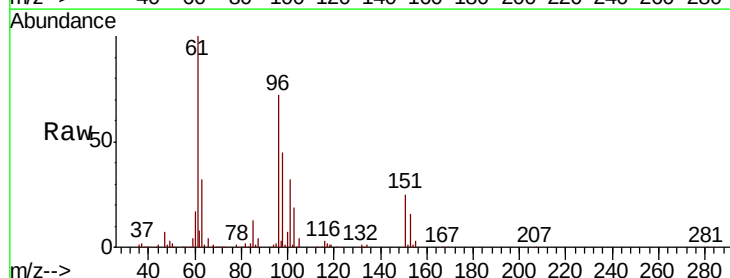
Tgt Ion: 59 Resp: 69037
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.1 12.1

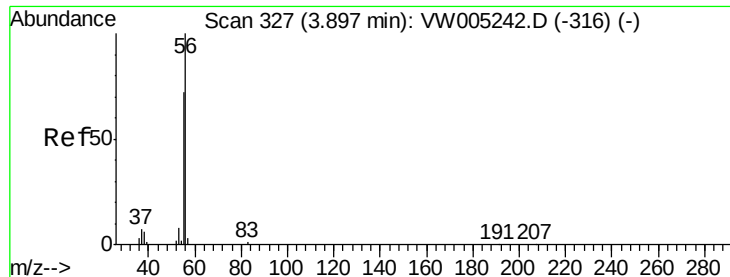


#12

1,1-Dichloroethene
 Concen: 47.311 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW005342.D
 Acq: 12 Sep 2018 22:47

Tgt Ion: 96 Resp: 146546
 Ion Ratio Lower Upper
 96 100
 61 139.2 118.2 177.2
 98 62.6 49.9 74.9





#13

Acrolein

Concen: 235.561 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

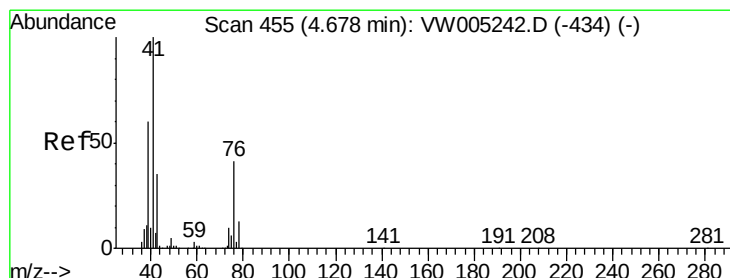
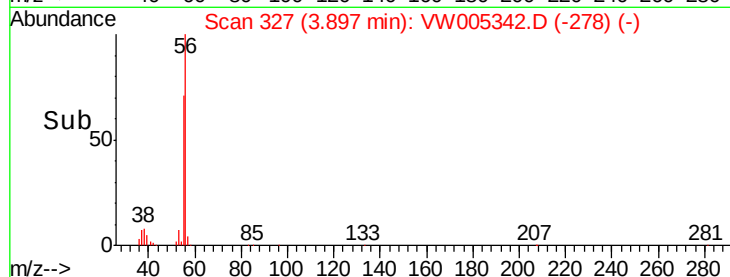
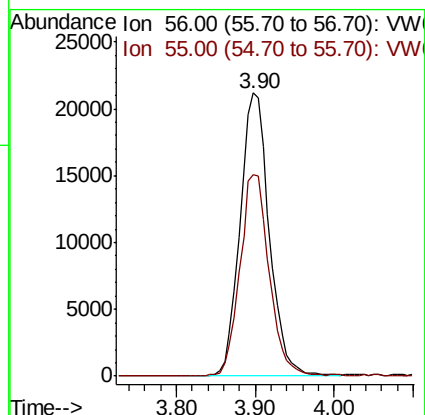
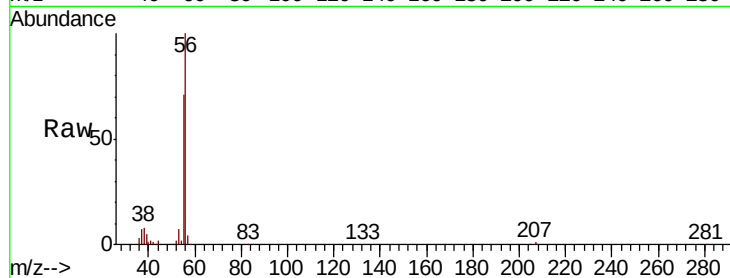
VSTDCCC050EC

Tgt Ion: 56 Resp: 54730

Ion Ratio Lower Upper

56 100

55 71.3 56.8 85.2



#14

Allyl chloride

Concen: 46.465 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

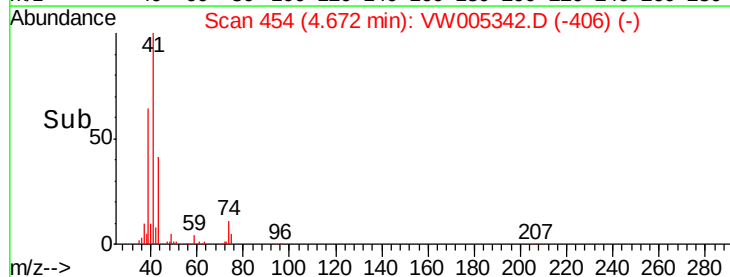
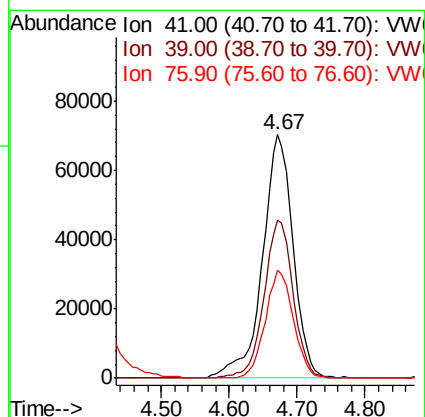
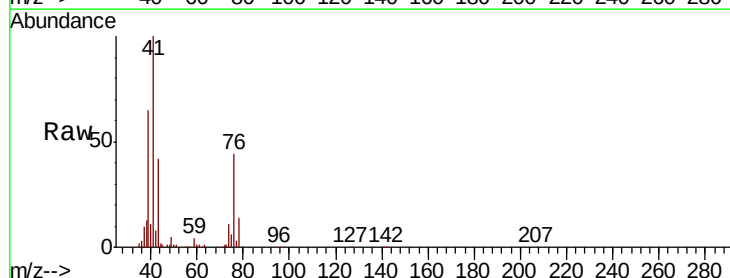
Tgt Ion: 41 Resp: 221146

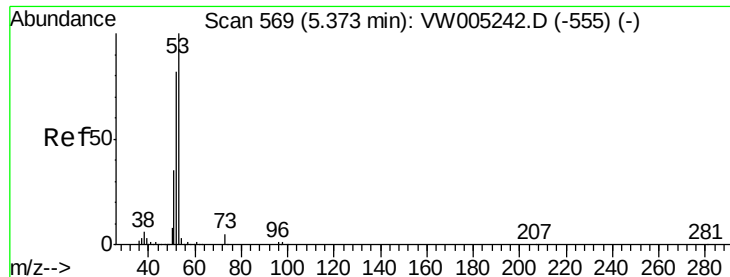
Ion Ratio Lower Upper

41 100

39 61.7 48.2 72.4

76 40.5 31.7 47.5





#15

Acrylonitrile

Concen: 291.283 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

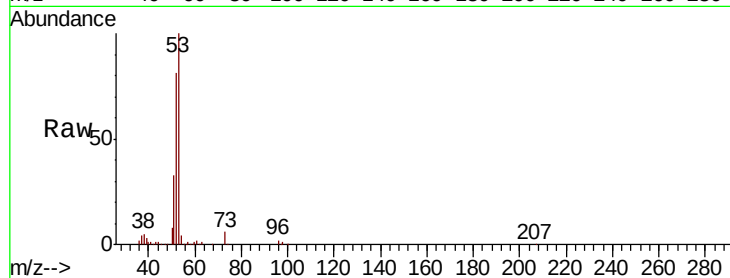
Tgt Ion: 53 Resp: 220576

Ion Ratio Lower Upper

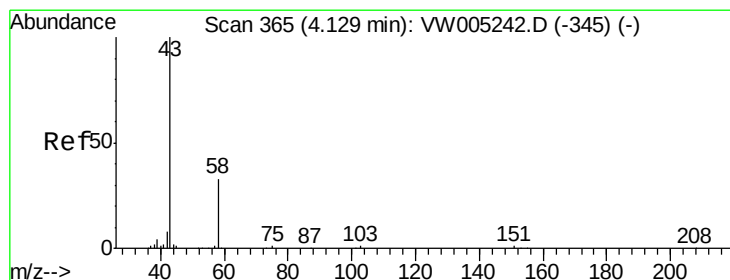
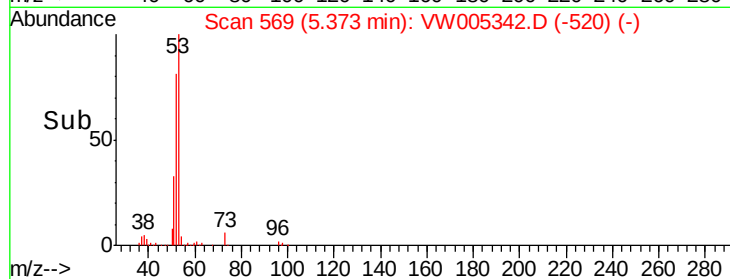
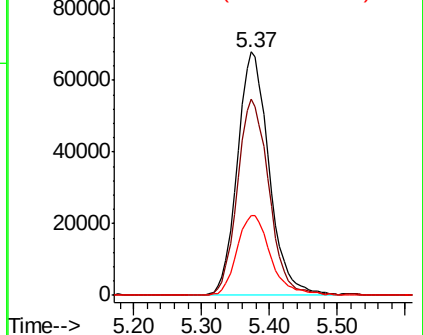
53 100

52 80.3 66.0 99.0

51 34.9 28.6 43.0



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: 290.765 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW005342.D

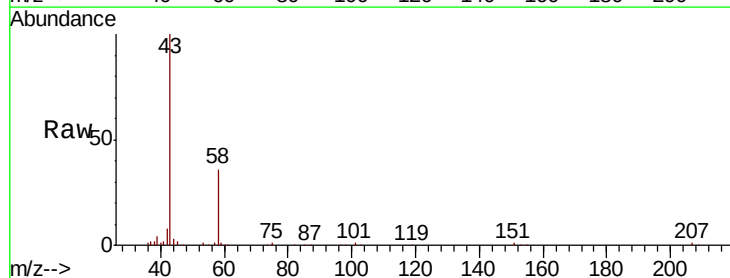
Acq: 12 Sep 2018 22:47

Tgt Ion: 43 Resp: 158293

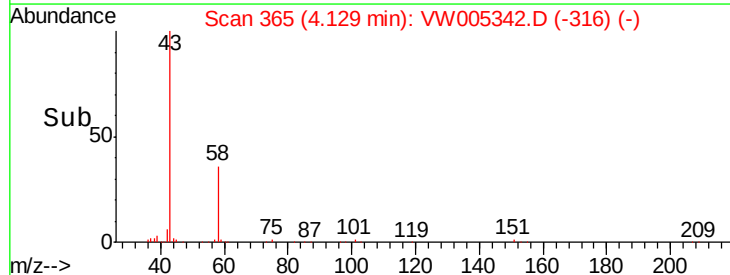
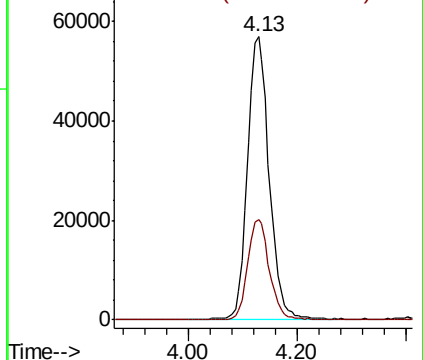
Ion Ratio Lower Upper

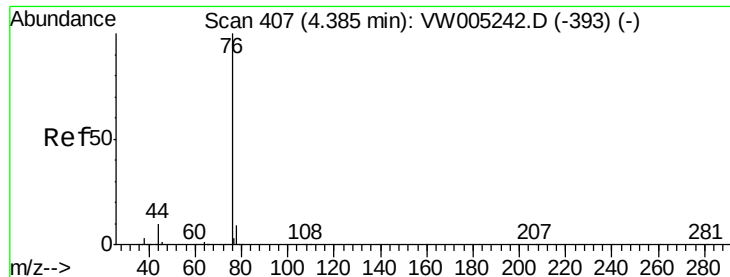
43 100

58 35.4 26.7 40.1



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

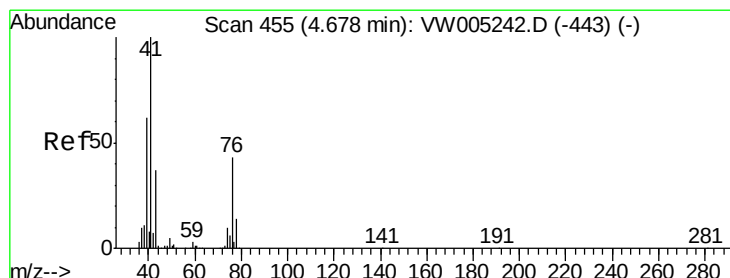
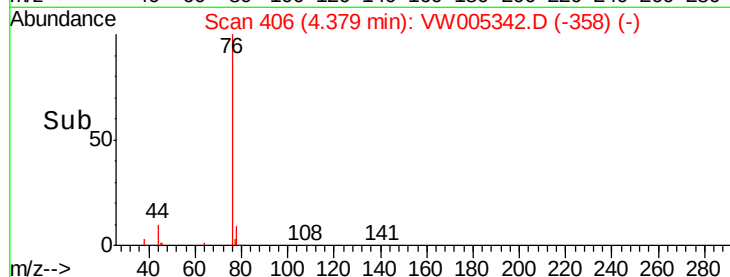
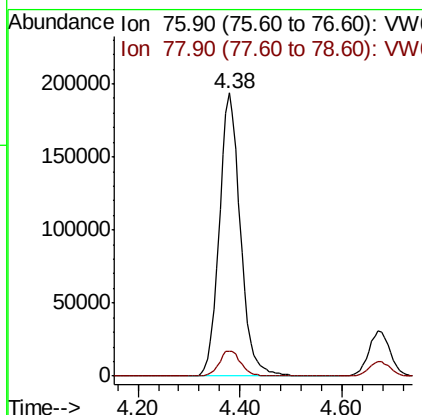
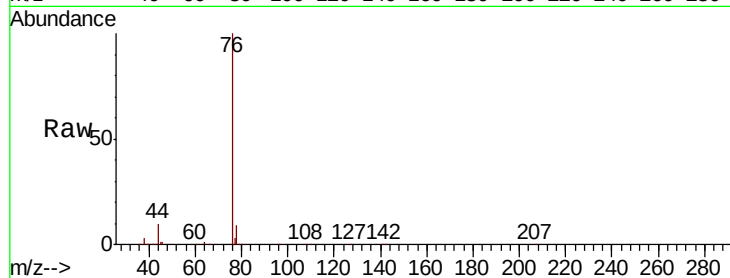




#17
Carbon Disulfide
Concen: 51.077 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

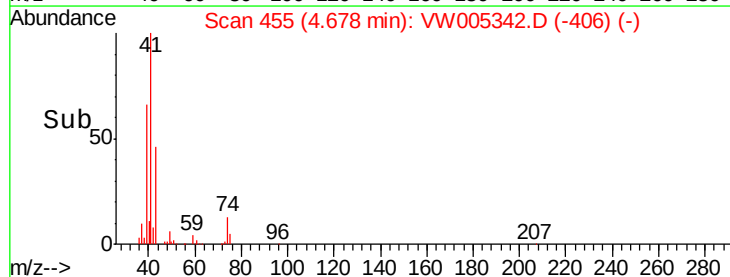
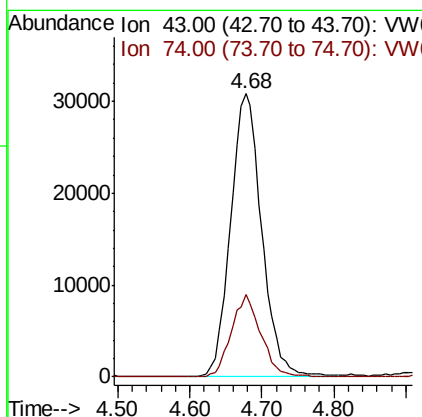
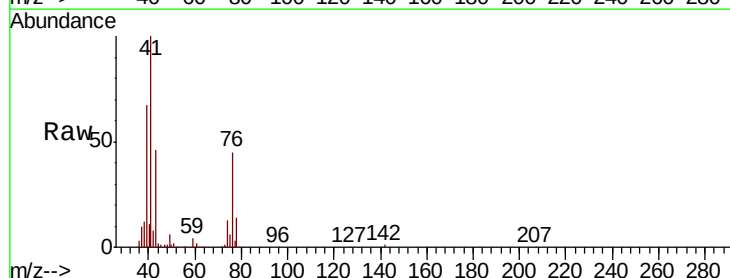
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

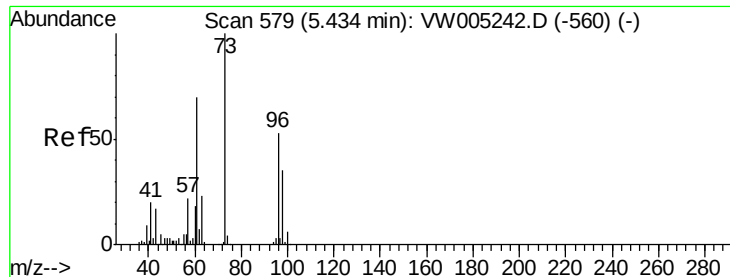
Tgt Ion: 76 Resp: 555337
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3



#18
Methyl Acetate
Concen: 56.965 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

Tgt Ion: 43 Resp: 92575
Ion Ratio Lower Upper
43 100
74 27.5 21.4 32.2

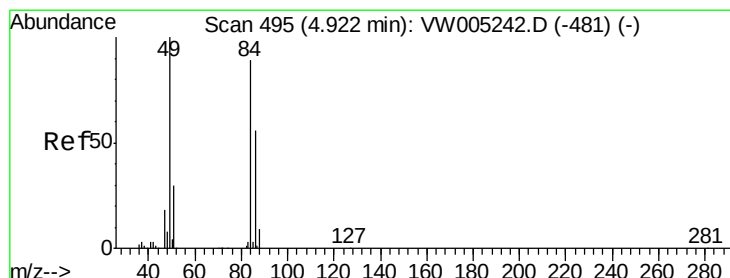
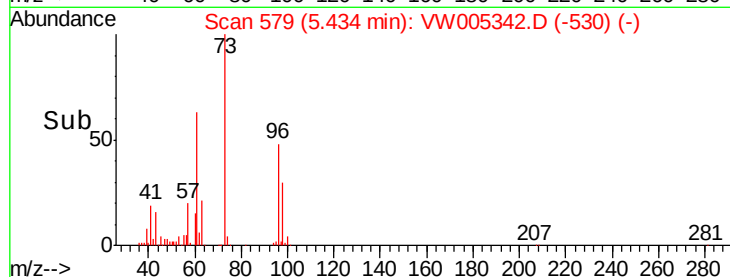
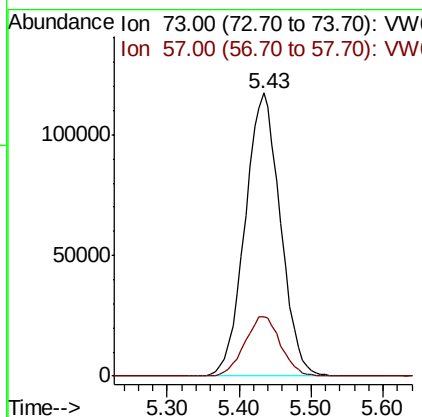
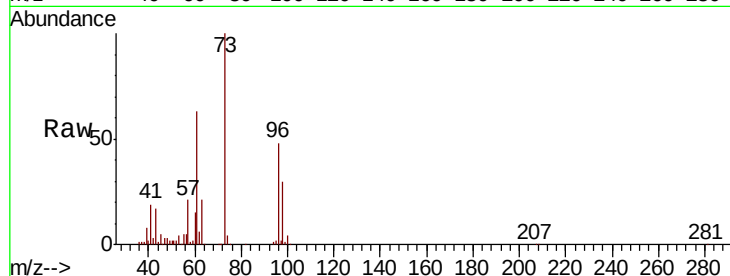




#19
Methyl tert-butyl Ether
Concen: 54.083 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

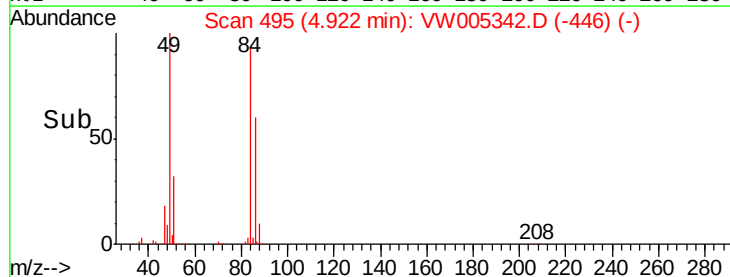
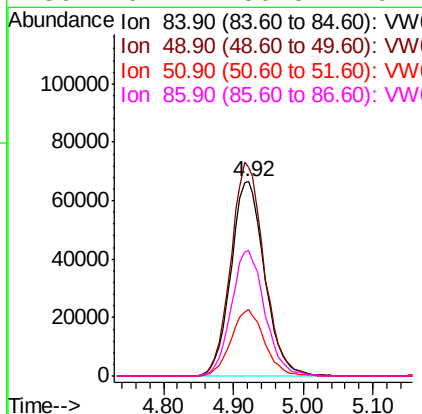
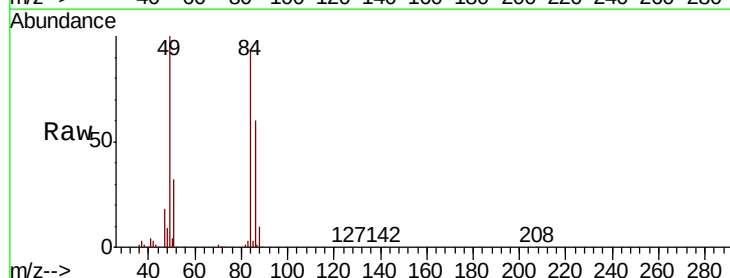
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

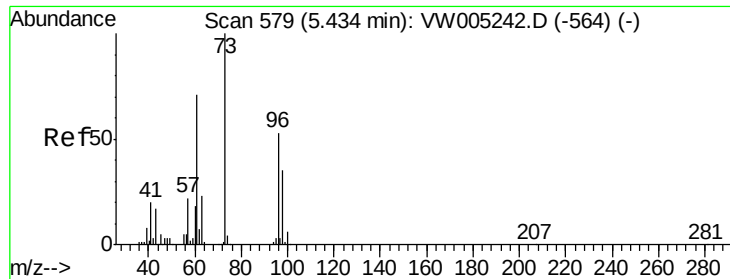
Tgt Ion: 73 Resp: 399007
Ion Ratio Lower Upper
73 100
57 20.9 17.4 26.2



#20
Methylene Chloride
Concen: 55.512 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

Tgt Ion: 84 Resp: 223128
Ion Ratio Lower Upper
84 100
49 107.4 90.3 135.5
51 34.5 26.9 40.3
86 64.4 50.8 76.2

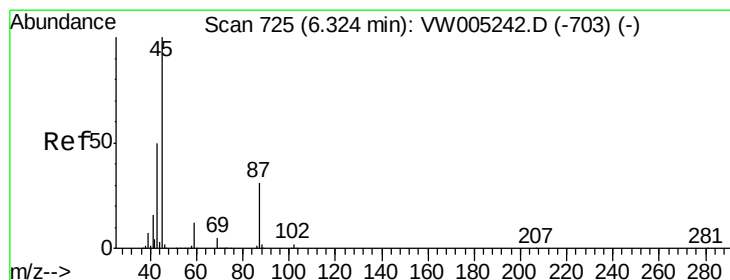
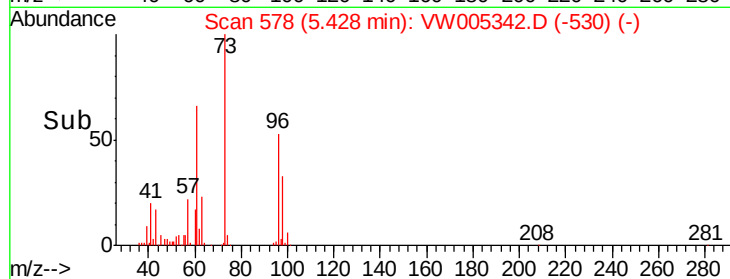
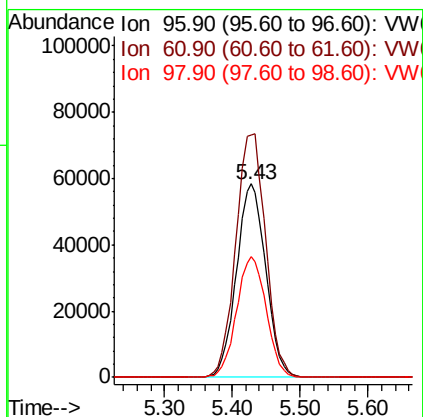
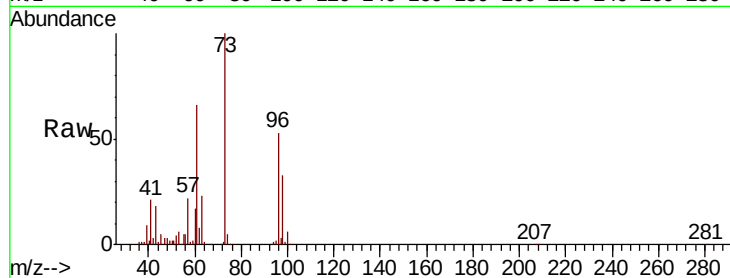




#21
trans-1,2-Dichloroethene
Concen: 48.315 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

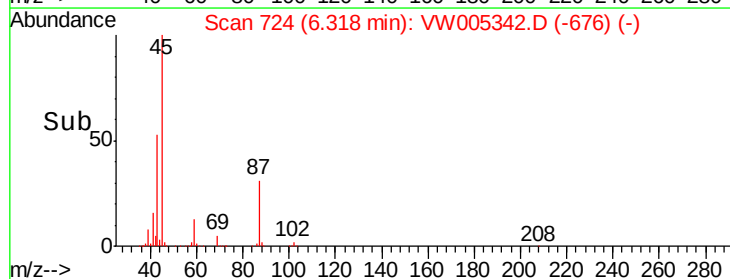
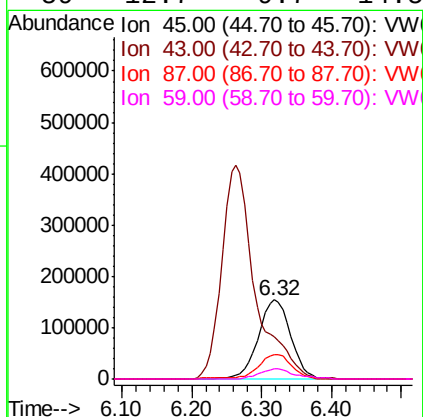
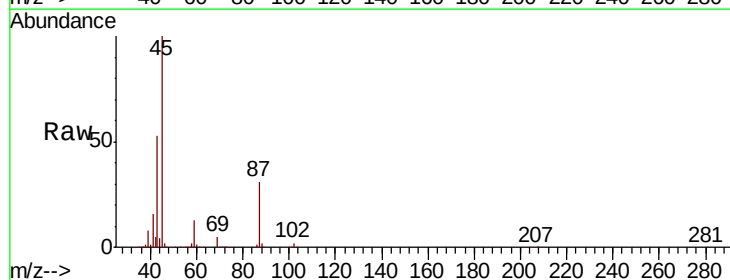
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

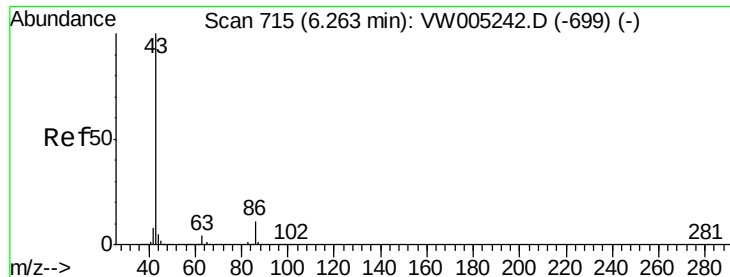
Tgt Ion: 96 Resp: 174735
Ion Ratio Lower Upper
96 100
61 125.2 105.7 158.5
98 62.7 52.8 79.2



#22
Diisopropyl ether
Concen: 51.741 ug/l
RT: 6.32 min Scan# 724
Delta R.T. -0.01 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

Tgt Ion: 45 Resp: 495776
Ion Ratio Lower Upper
45 100
43 52.4 39.6 59.4
87 31.1 24.7 37.1
59 12.7 9.7 14.5

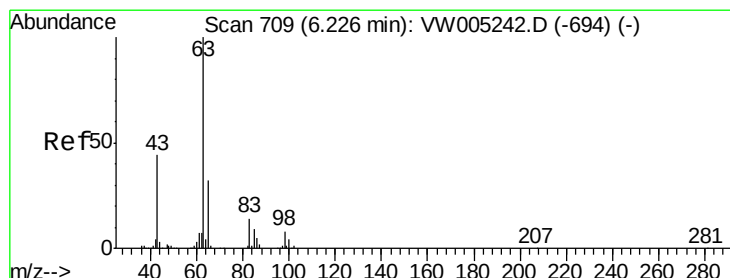
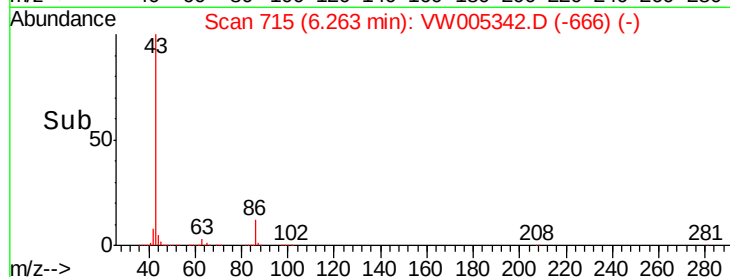
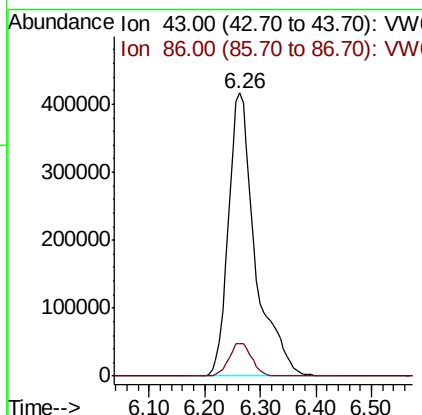
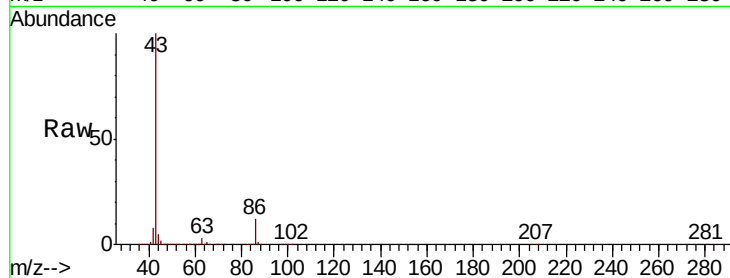




#23
 Vinyl Acetate
 Concen: 259.966 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: VW005342.D
 Acq: 12 Sep 2018 22:47

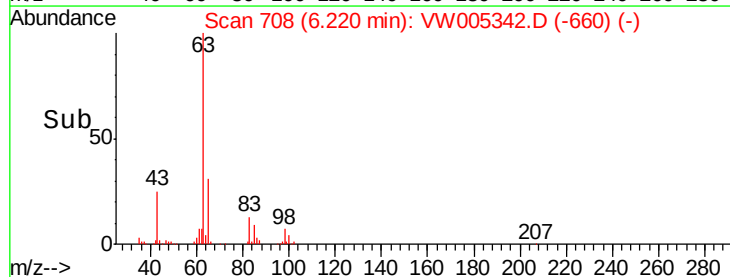
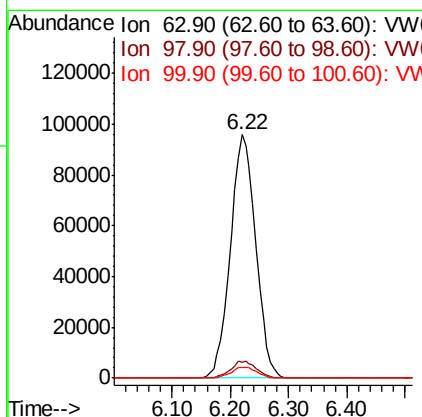
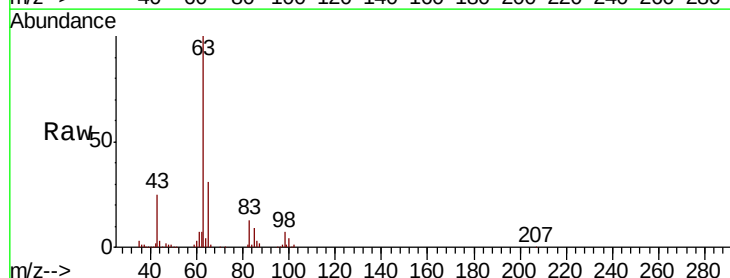
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

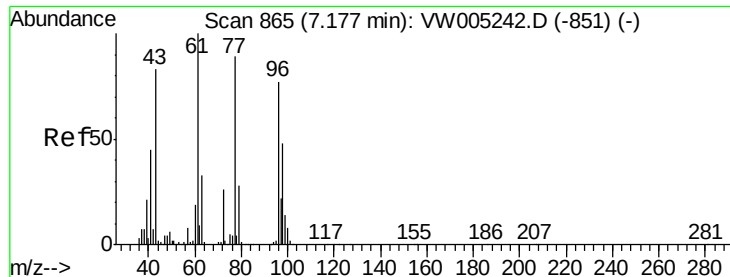
Tgt Ion: 43 Resp: 1388190
 Ion Ratio Lower Upper
 43 100
 86 11.6 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 49.042 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: VW005342.D
 Acq: 12 Sep 2018 22:47

Tgt Ion: 63 Resp: 289263
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.8 11.4
 100 4.3 2.2 6.6





#25

2-Butanone

Concen: 285.554 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

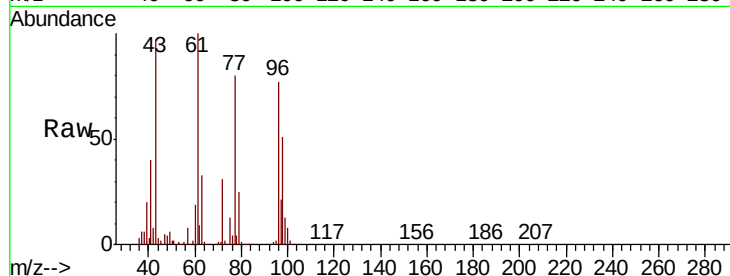
VSTDCCC050EC

Tgt Ion: 43 Resp: 245210

Ion Ratio Lower Upper

43 100

72 31.8 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.18

100000

80000

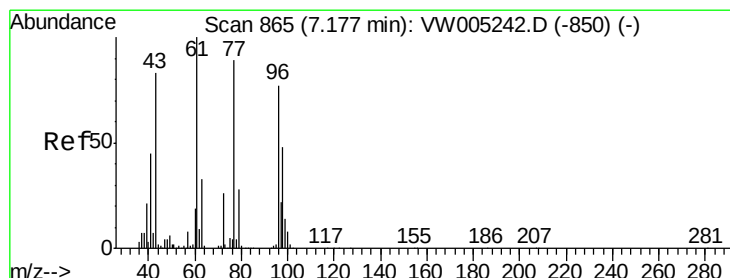
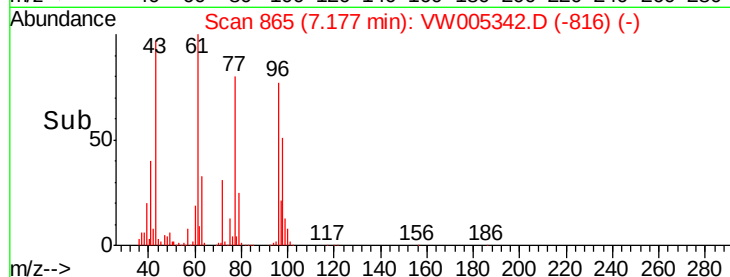
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 44.944 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005342.D

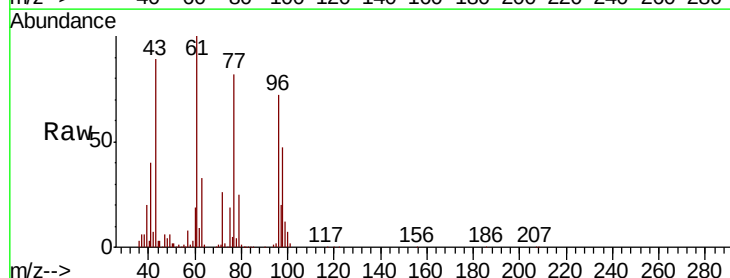
Acq: 12 Sep 2018 22:47

Tgt Ion: 77 Resp: 229836

Ion Ratio Lower Upper

77 100

97 24.5 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

7.17

80000

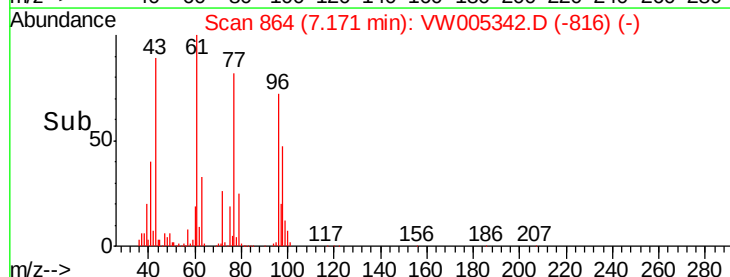
60000

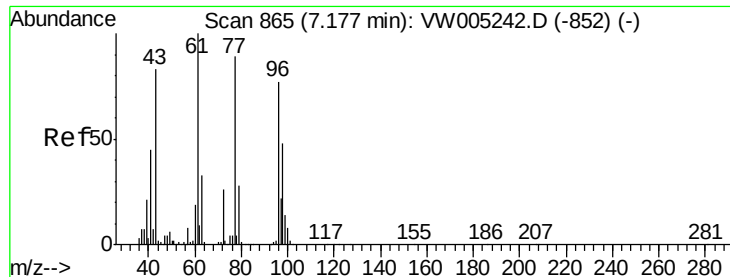
40000

20000

0

Time-->



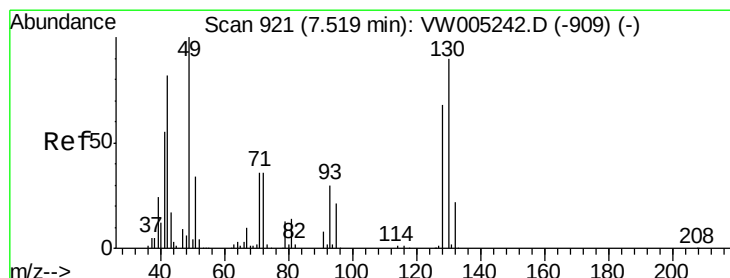
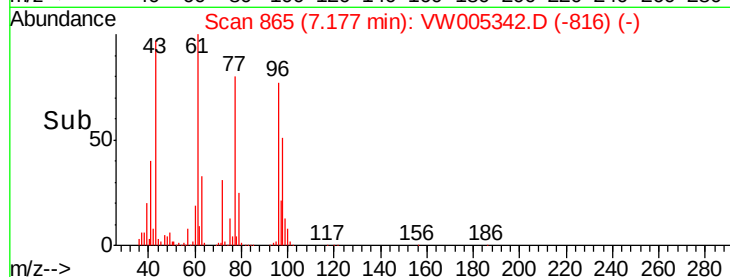
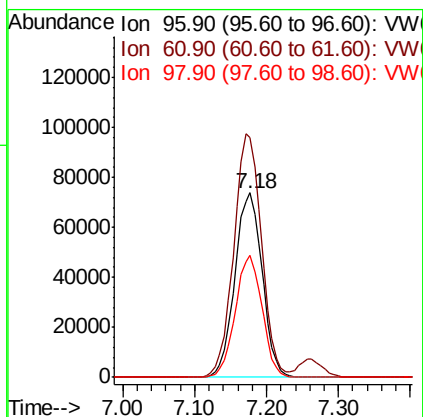
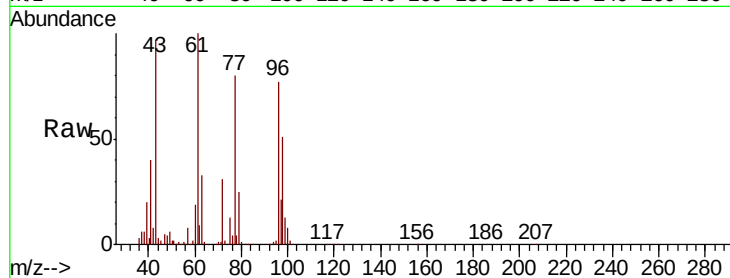


#27

cis-1,2-Dichloroethene
Concen: 50.367 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

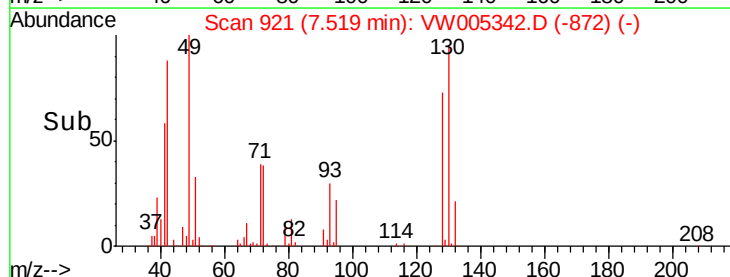
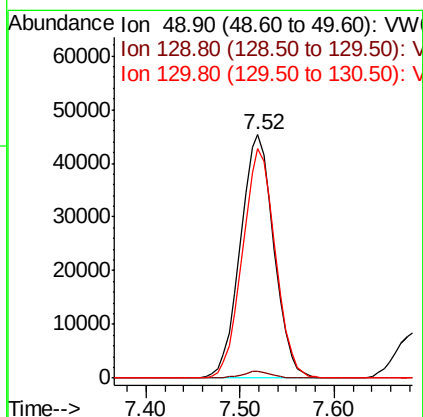
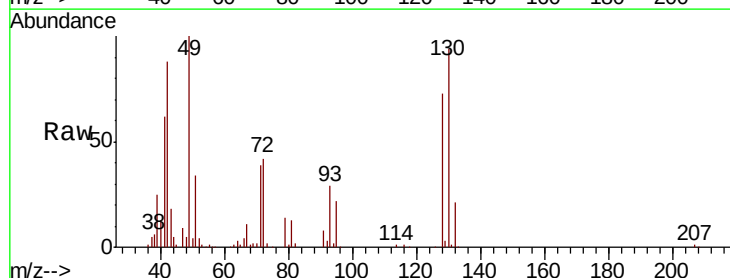
Tgt Ion	Ratio	Lower	Upper
96	100		
61	133.5	0.0	273.4
98	64.6	0.0	127.8

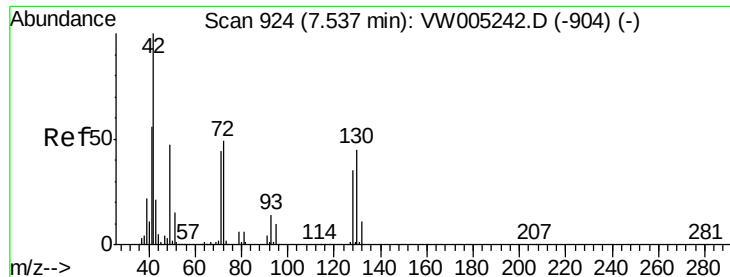


#28

Bromochloromethane
Concen: 52.073 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	2.0#
130	92.2	71.2	106.8





#29

Tetrahydrofuran

Concen: 279.960 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

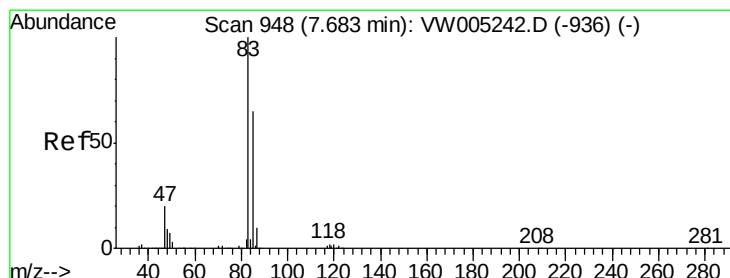
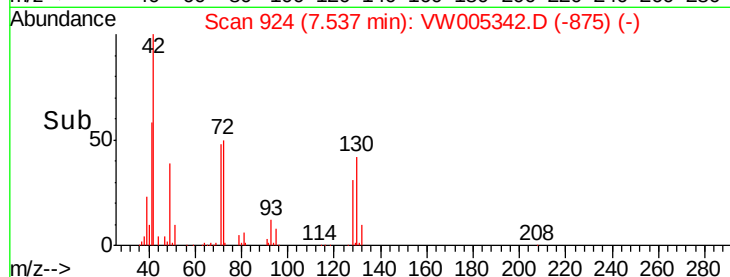
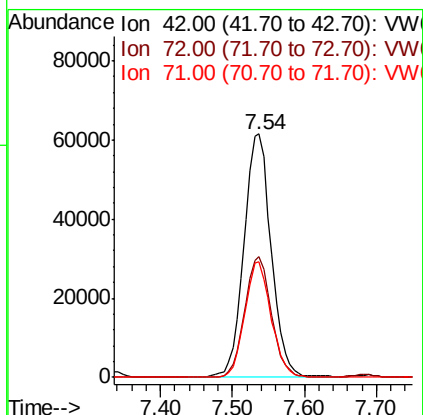
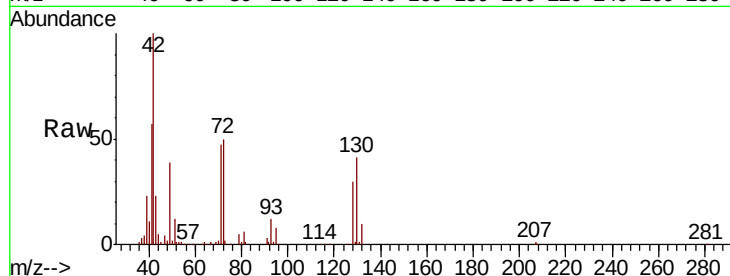
Tgt Ion: 42 Resp: 162009

Ion Ratio Lower Upper

42 100

72 48.3 37.5 56.3

71 45.9 34.8 52.2



#30

Chloroform

Concen: 49.810 ug/l

RT: 7.68 min Scan# 948

Delta R.T. -0.00 min

Lab File: VW005342.D

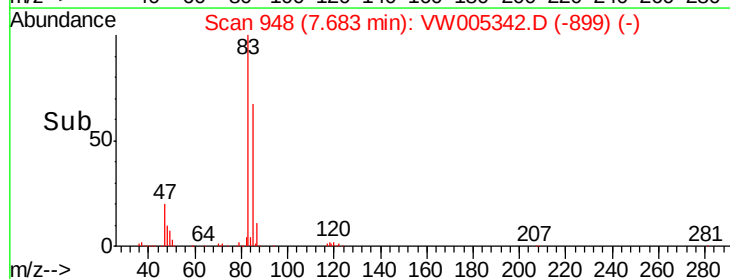
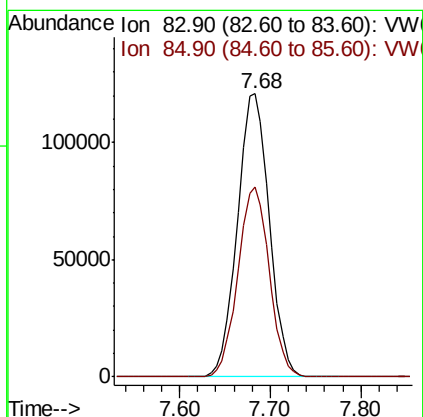
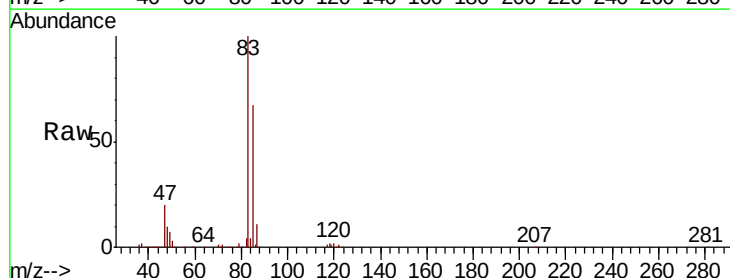
Acq: 12 Sep 2018 22:47

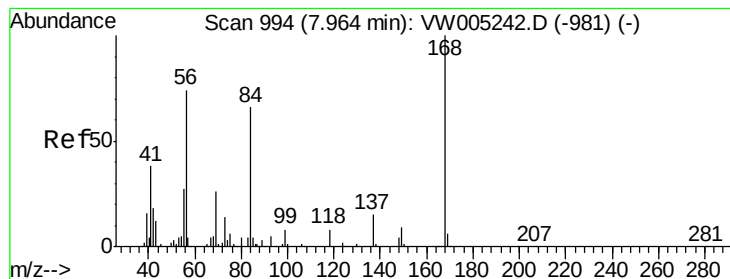
Tgt Ion: 83 Resp: 294836

Ion Ratio Lower Upper

83 100

85 67.3 51.7 77.5





#31

Cyclohexane

Concen: 47.079 ug/l

RT: 7.96 min Scan# 994

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

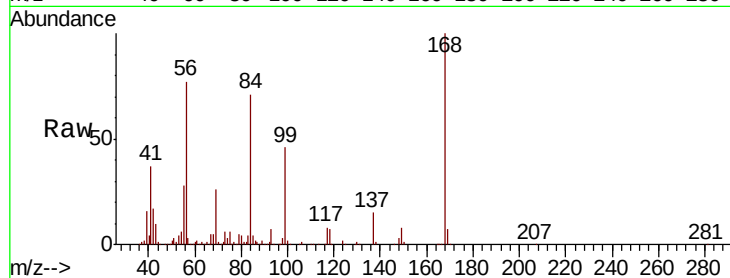
Tgt Ion: 56 Resp: 295468

Ion Ratio Lower Upper

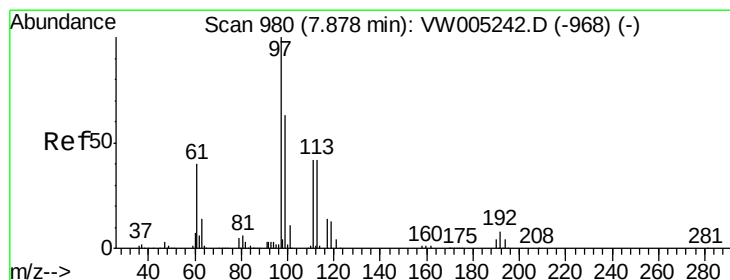
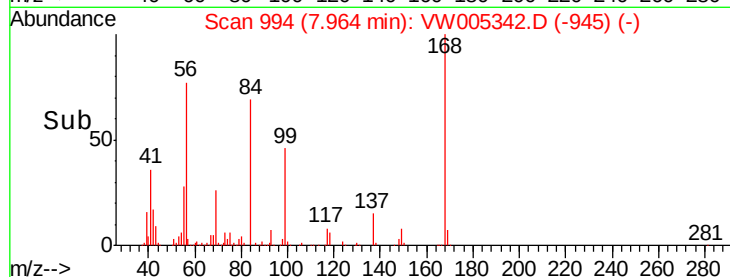
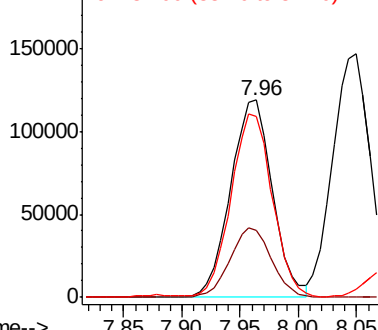
56 100

69 34.0 27.8 41.8

84 90.6 72.1 108.1



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: 50.006 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

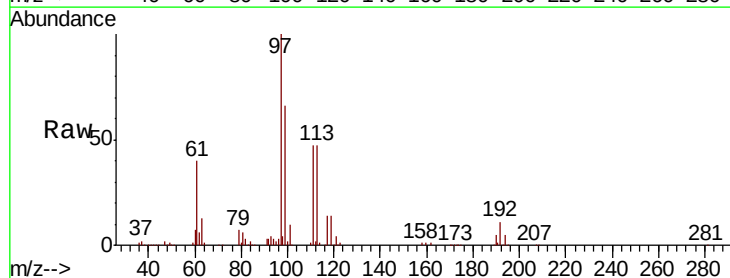
Tgt Ion: 97 Resp: 267405

Ion Ratio Lower Upper

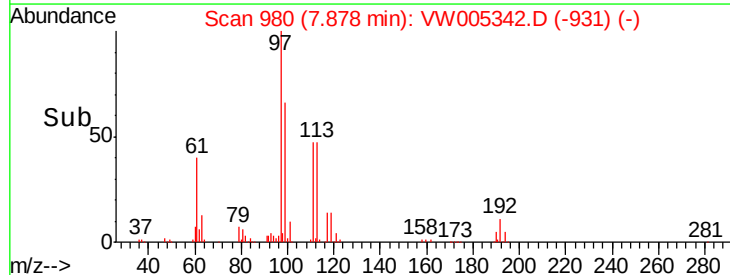
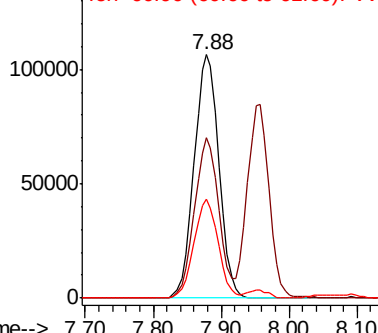
97 100

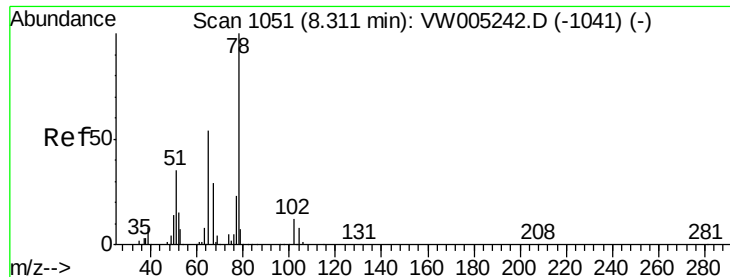
99 64.4 51.5 77.3

61 40.0 32.5 48.7



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

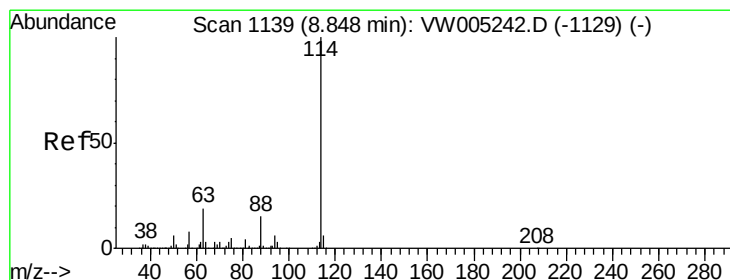
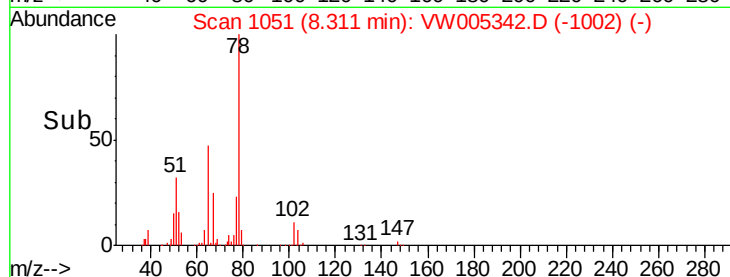
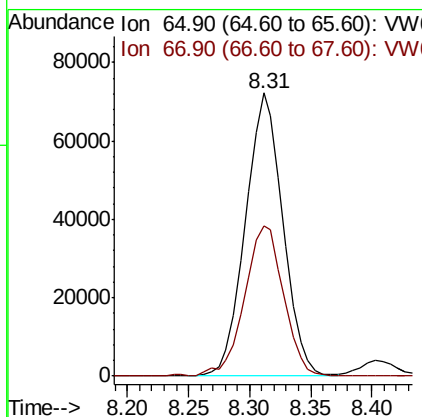
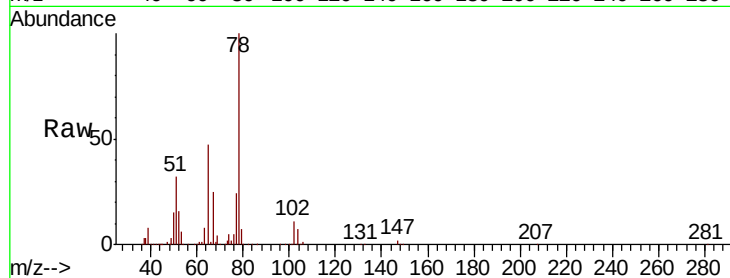




#33
 1,2-Dichloroethane-d4
 Concen: 52.372 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005342.D
 Acq: 12 Sep 2018 22:47

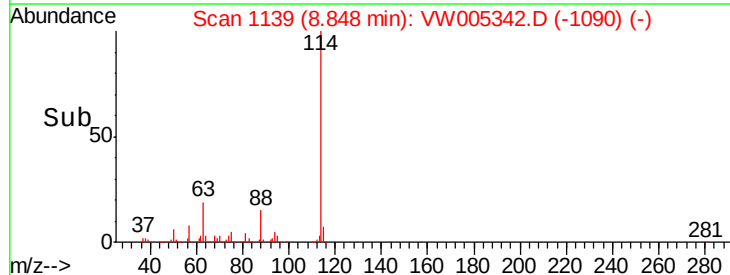
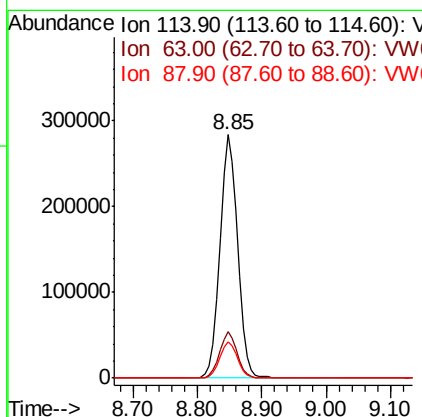
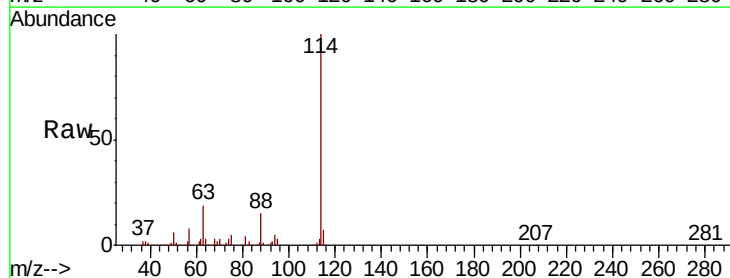
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

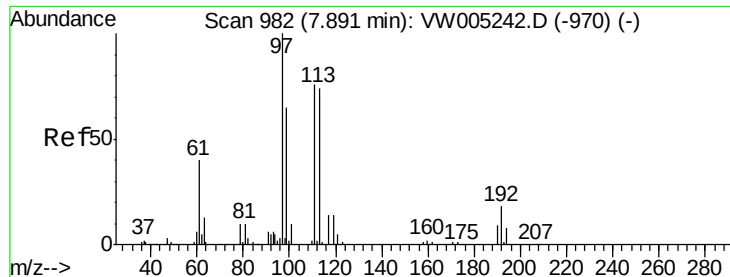
Tgt Ion: 65 Resp: 153603
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 112.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005342.D
 Acq: 12 Sep 2018 22:47

Tgt Ion: 114 Resp: 552382
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 37.0
 88 14.8 0.0 30.4

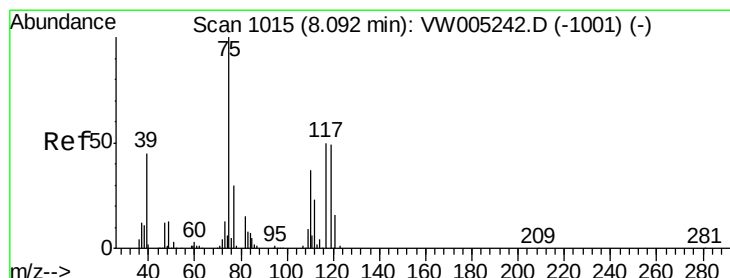
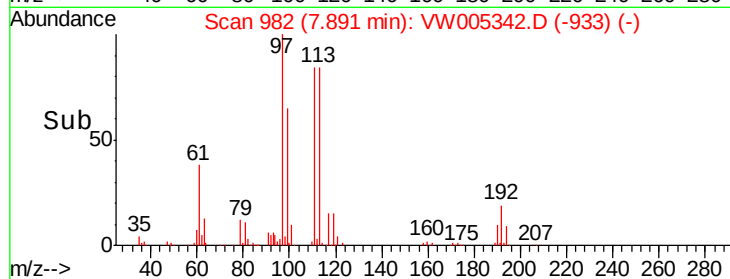
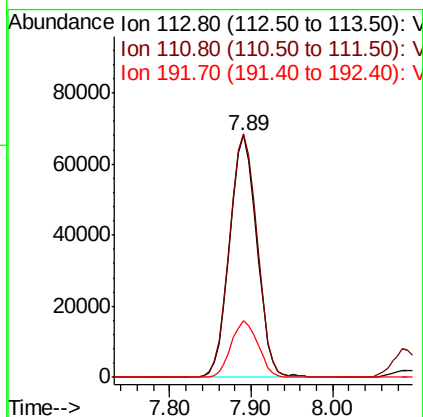
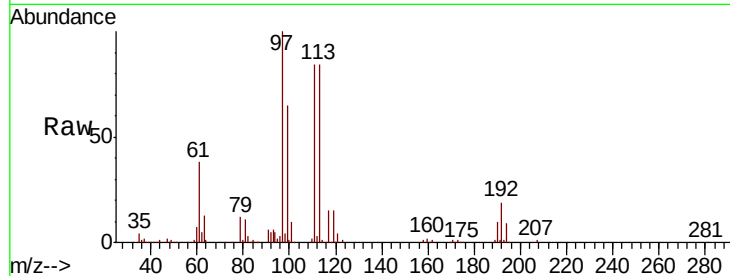




#35
 Dibromofluoromethane
 Concen: 54.082 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005342.D
 Acq: 12 Sep 2018 22:47

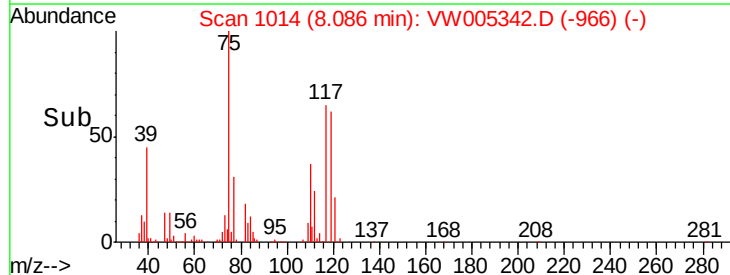
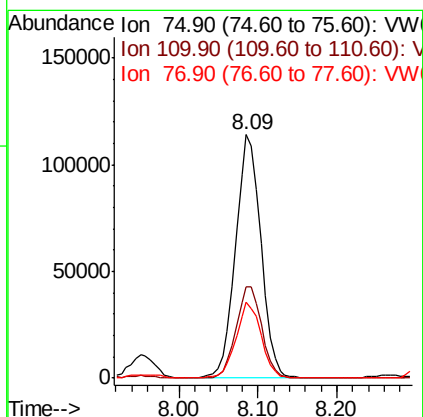
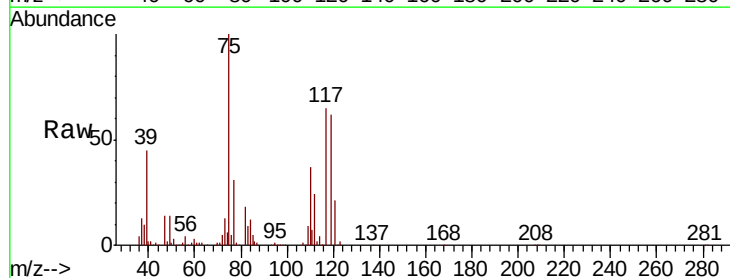
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

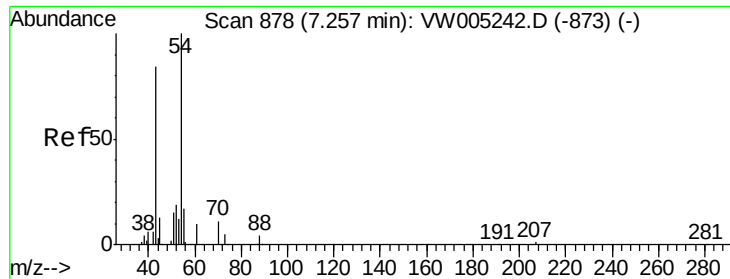
Tgt Ion: 113 Resp: 156490
 Ion Ratio Lower Upper
 113 100
 111 102.3 80.6 121.0
 192 23.0 18.3 27.5



#36
 1,1-Dichloropropene
 Concen: 50.298 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VW005342.D
 Acq: 12 Sep 2018 22:47

Tgt Ion: 75 Resp: 254547
 Ion Ratio Lower Upper
 75 100
 110 38.0 18.8 56.4
 77 31.1 24.9 37.3

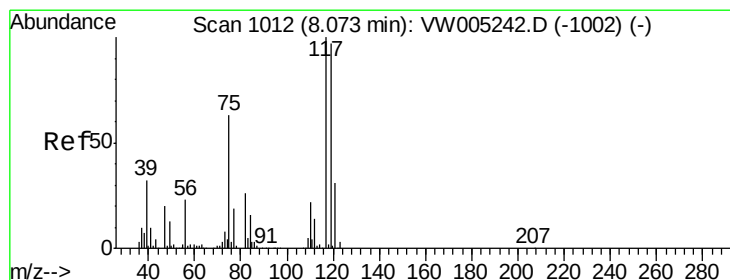
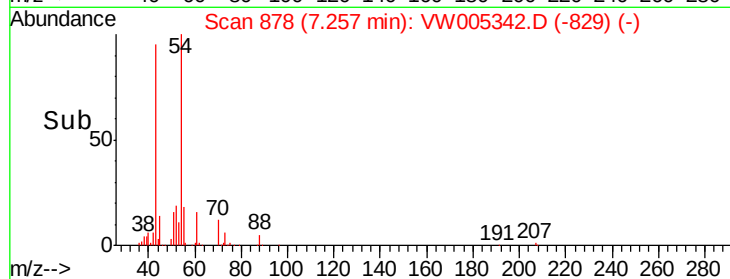
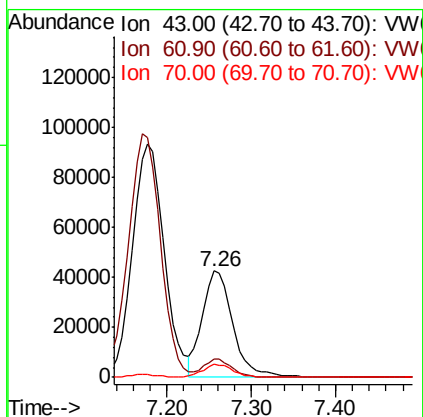
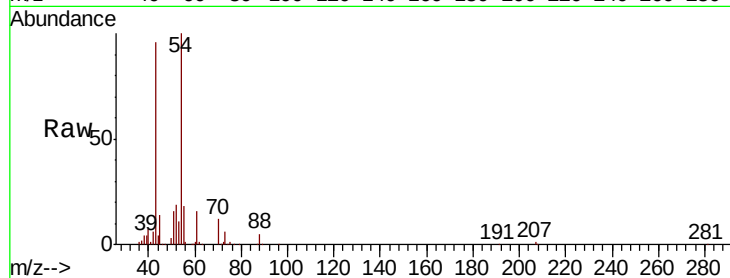




#37
Ethyl Acetate
Concen: 55.164 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

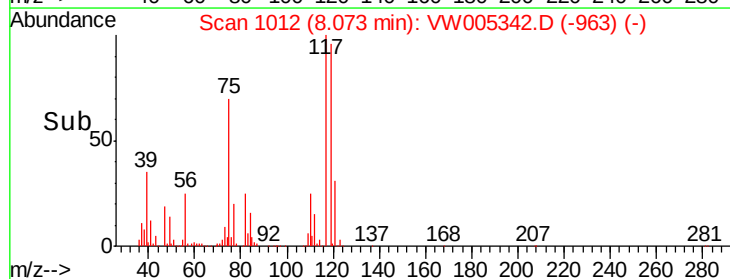
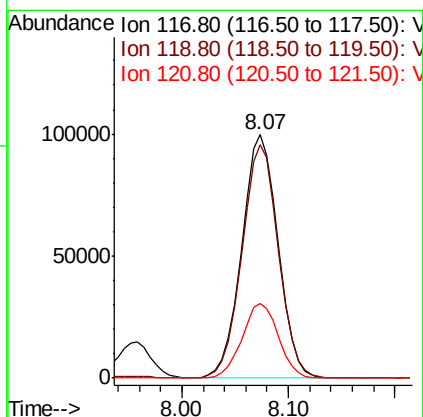
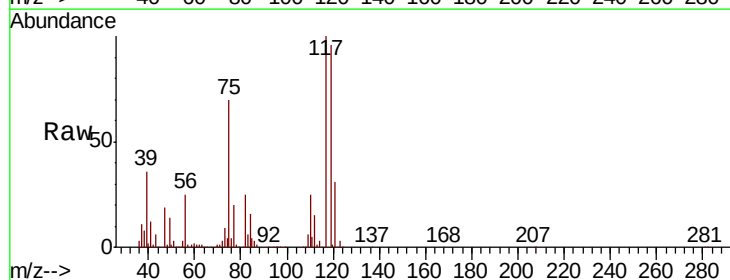
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

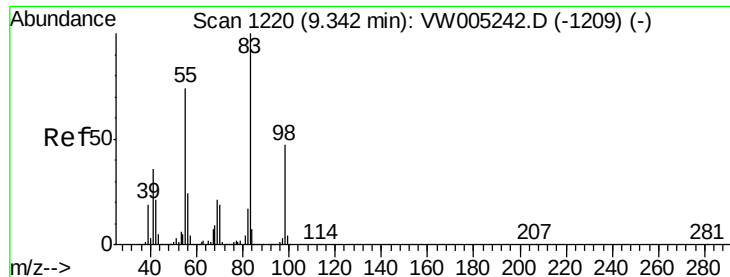
Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.9	12.3	18.5
70	12.4	9.5	14.3



#38
Carbon Tetrachloride
Concen: 50.127 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.5	116.3
121	30.8	24.7	37.1

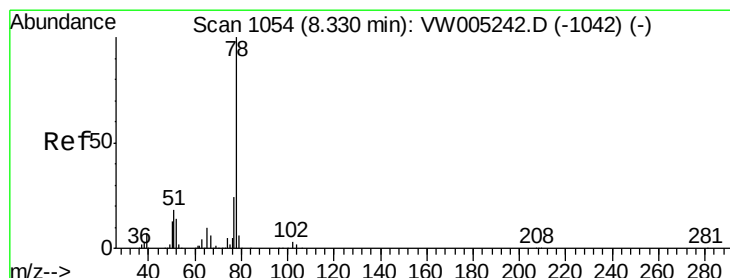
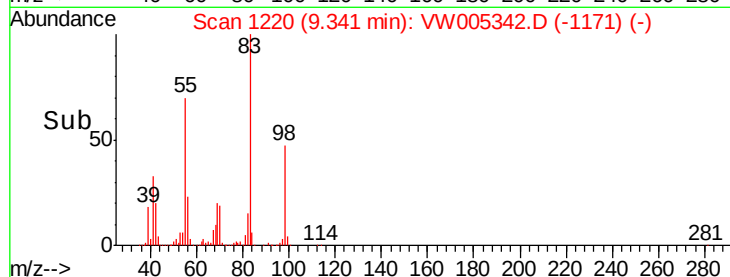
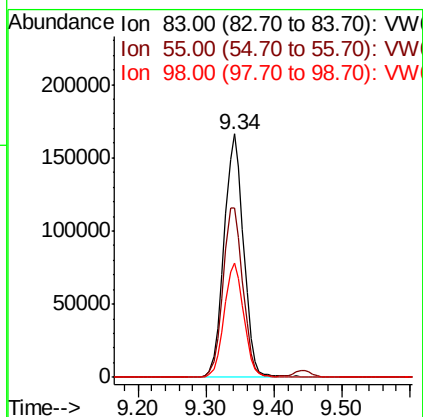
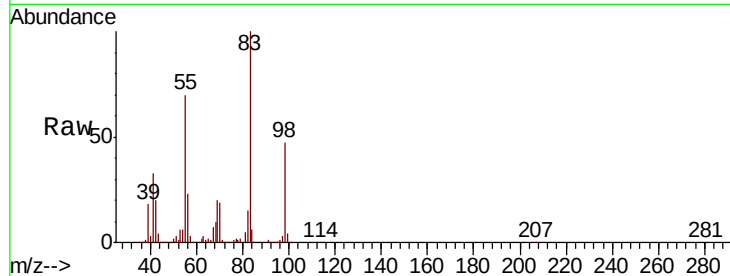




#39
Methylcyclohexane
Concen: 49.501 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

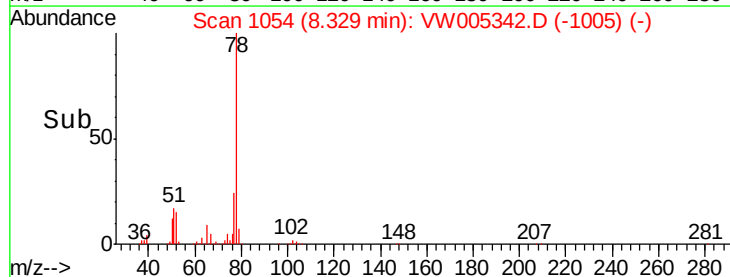
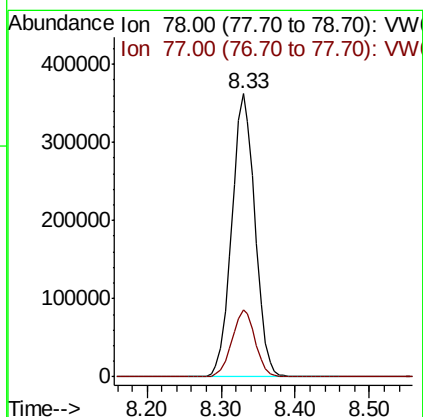
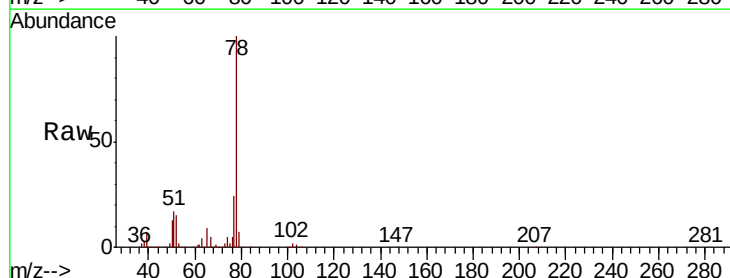
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

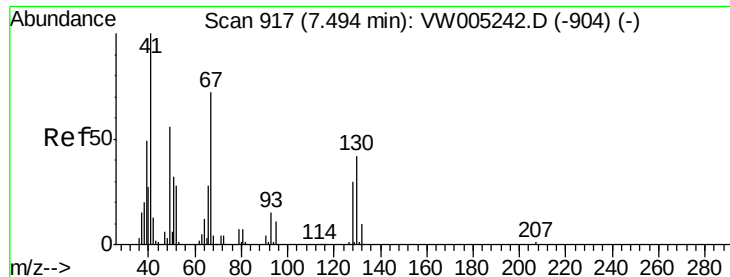
Tgt Ion: 83 Resp: 332608
Ion Ratio Lower Upper
83 100
55 69.7 58.9 88.3
98 46.8 37.6 56.4



#40
Benzene
Concen: 53.010 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

Tgt Ion: 78 Resp: 790359
Ion Ratio Lower Upper
78 100
77 23.9 18.9 28.3

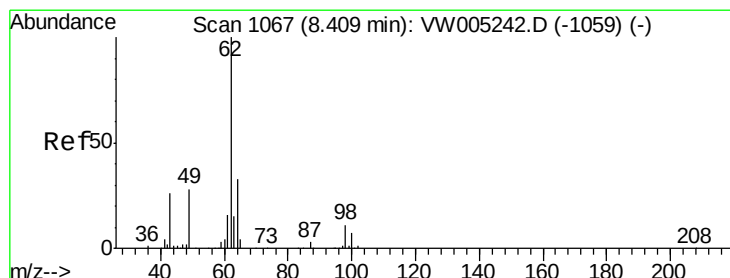
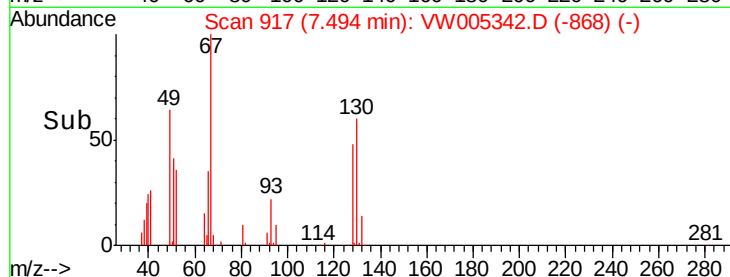
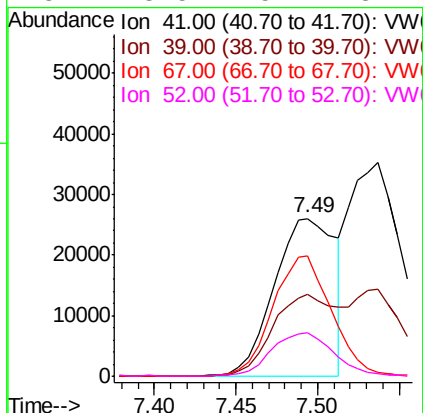
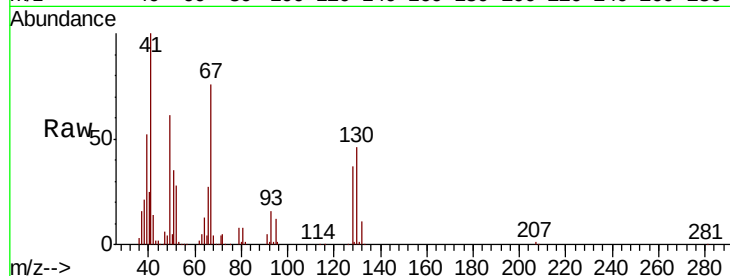




#41
Methacrylonitrile
Concen: 68.867 ug/l
RT: 7.49 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

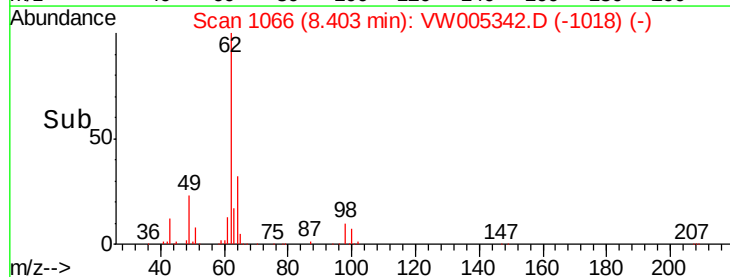
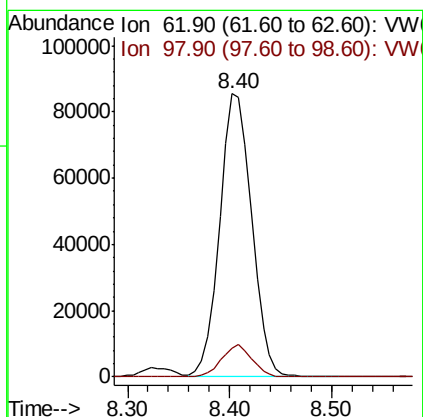
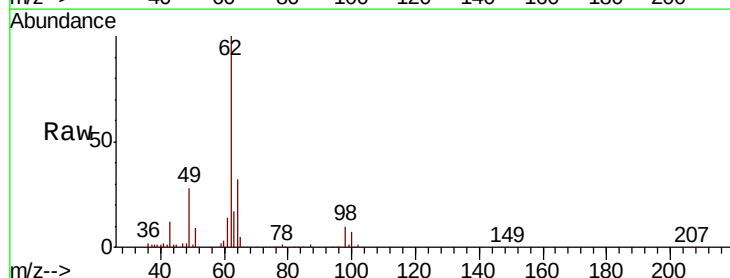
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

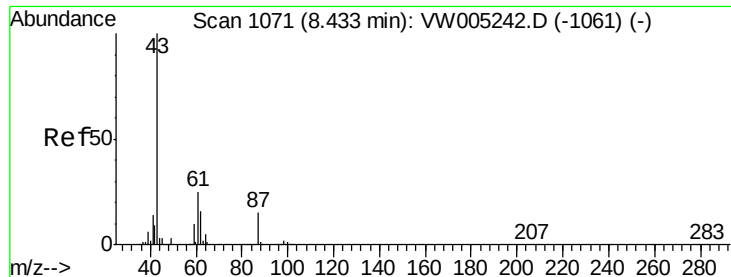
Tgt Ion:	41	Resp:	68011
Ion	Ratio	Lower	Upper
41	100		
39	58.2	39.9	59.9
67	73.5	65.7	98.5
52	28.5	25.1	37.7



#42
1,2-Dichloroethane
Concen: 52.244 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

Tgt Ion:	62	Resp:	186349
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	22.0





#43

Isopropyl Acetate

Concen: 57.519 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

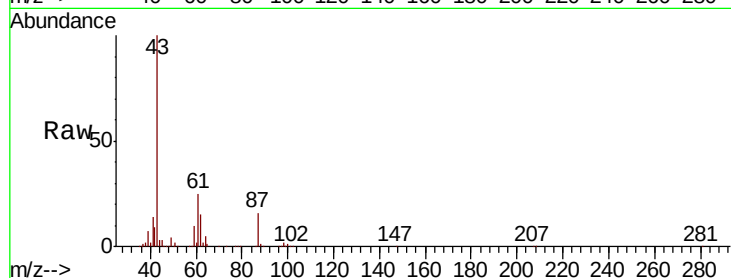
Tgt Ion: 43 Resp: 205607

Ion Ratio Lower Upper

43 100

61 32.2 25.4 38.0

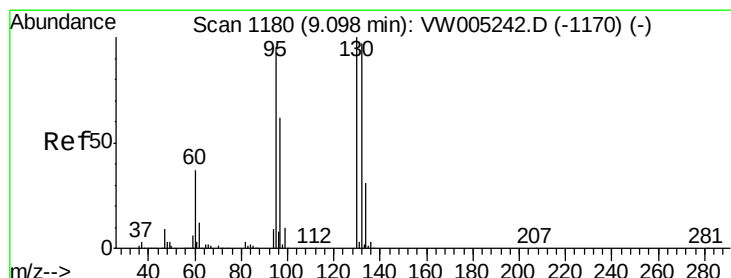
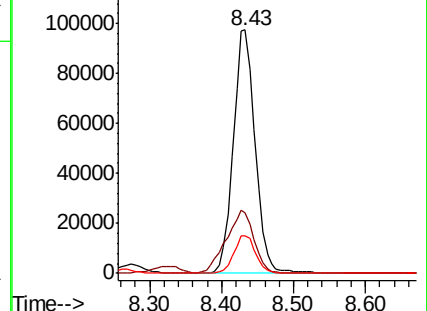
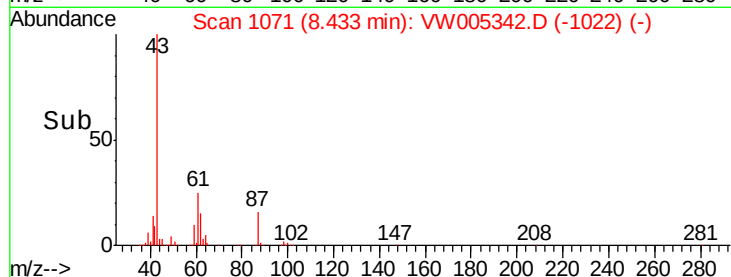
87 15.4 11.9 17.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 51.355 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW005342.D

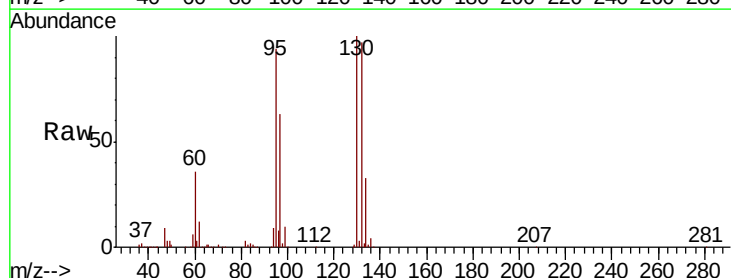
Acq: 12 Sep 2018 22:47

Tgt Ion: 130 Resp: 210053

Ion Ratio Lower Upper

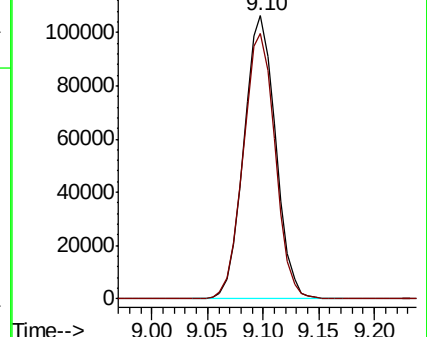
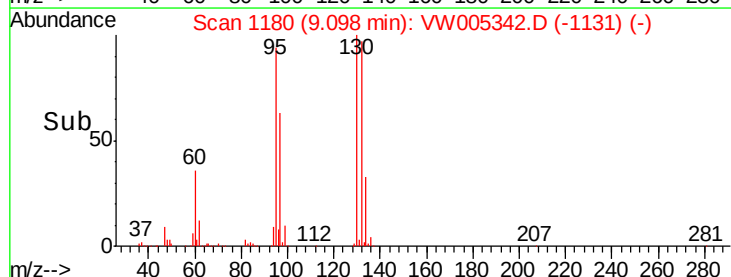
130 100

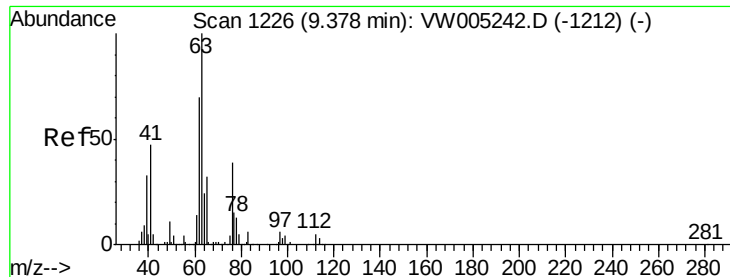
95 93.8 0.0 189.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

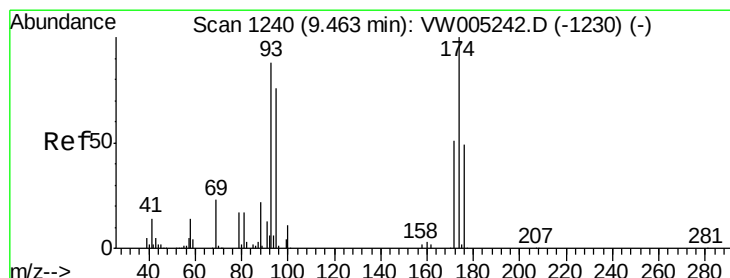
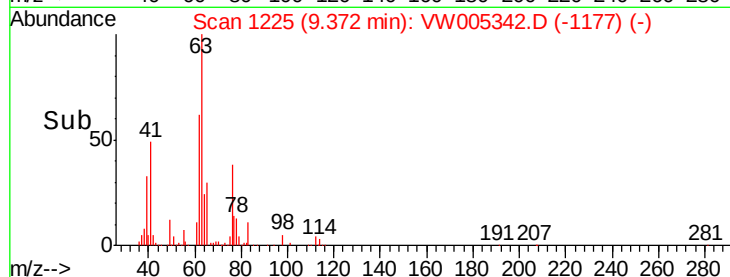
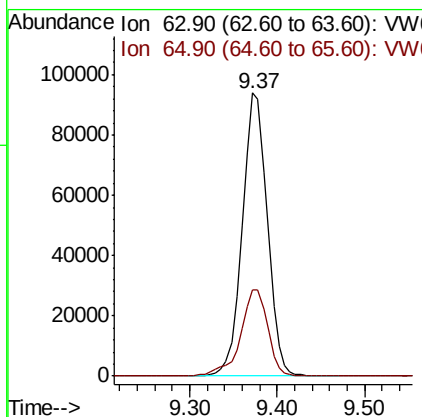
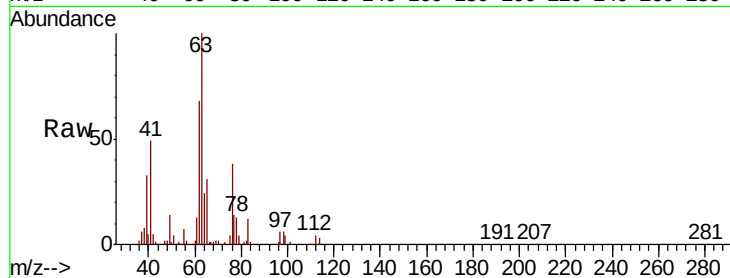




#45
 1,2-Dichloropropane
 Concen: 51.945 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: VW005342.D
 Acq: 12 Sep 2018 22:47

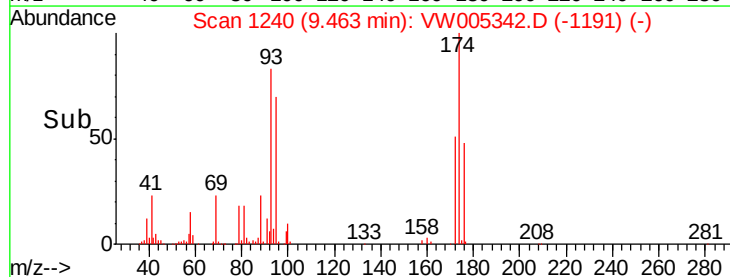
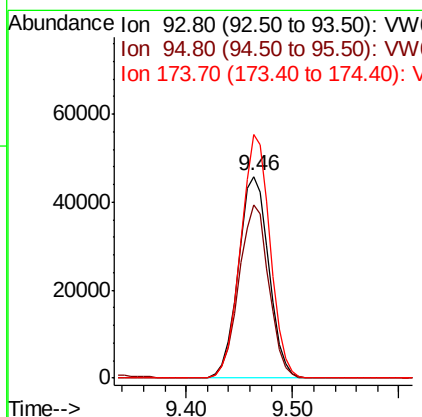
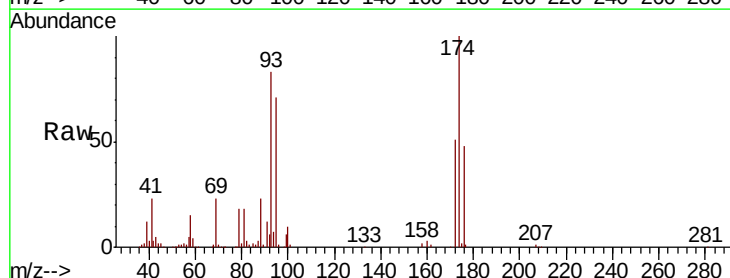
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

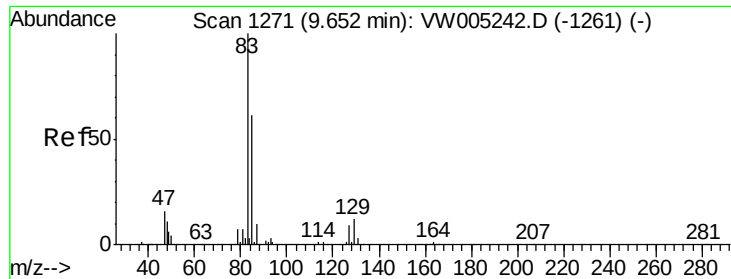
Tgt Ion: 63 Resp: 186156
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.4 38.2



#46
 Dibromomethane
 Concen: 52.444 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005342.D
 Acq: 12 Sep 2018 22:47

Tgt Ion: 93 Resp: 91995
 Ion Ratio Lower Upper
 93 100
 95 84.5 67.0 100.4
 174 117.0 92.2 138.2





#47

Bromodichloromethane

Concen: 51.694 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

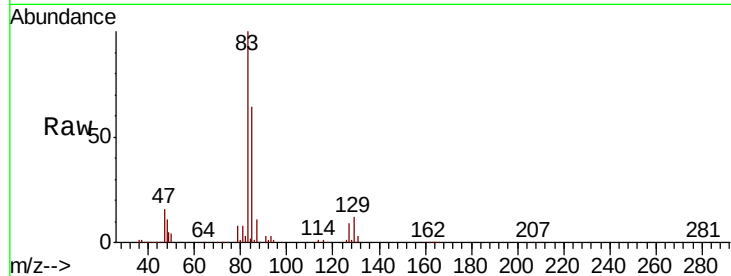
Tgt Ion: 83 Resp: 221826

Ion Ratio Lower Upper

83 100

85 64.3 49.0 73.6

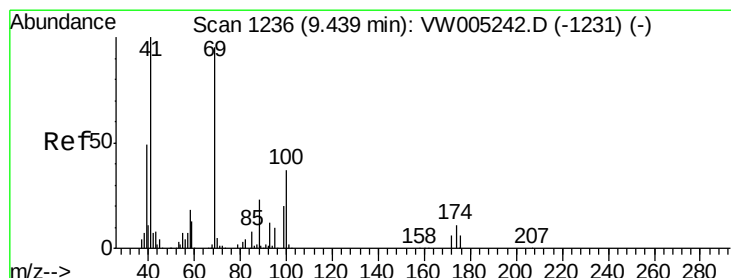
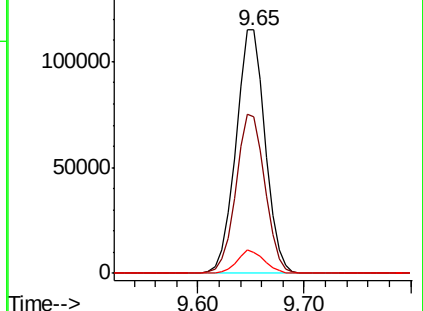
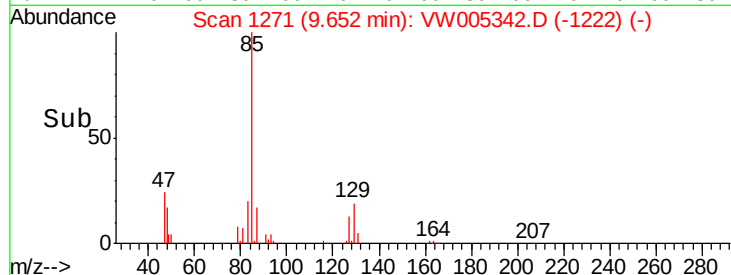
127 8.5 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 54.747 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

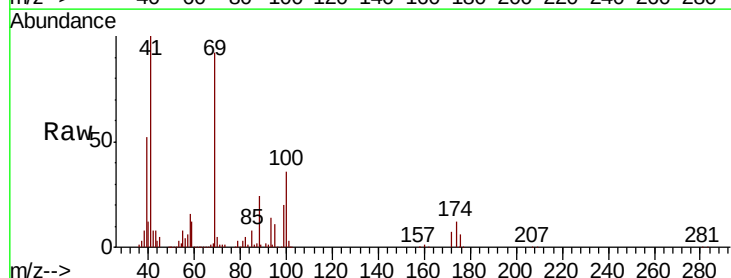
Tgt Ion: 41 Resp: 101612

Ion Ratio Lower Upper

41 100

69 103.6 74.6 112.0

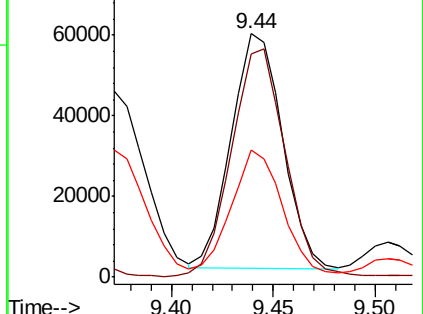
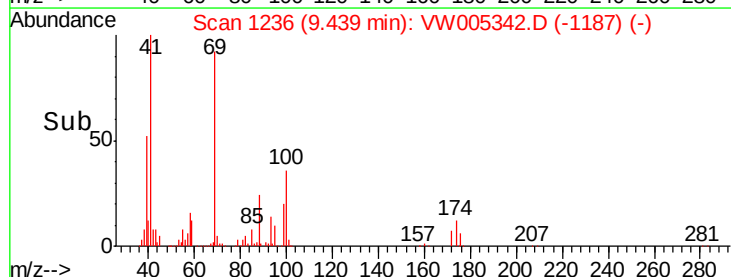
39 51.3 36.7 55.1

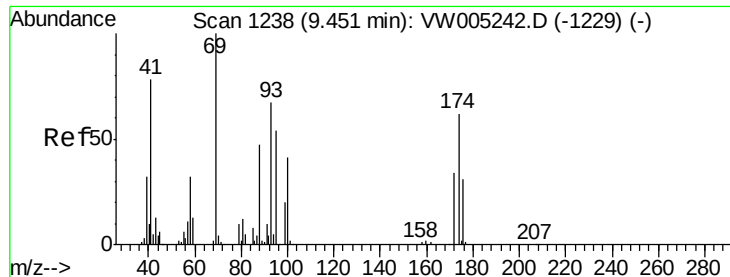


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 1274.614 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

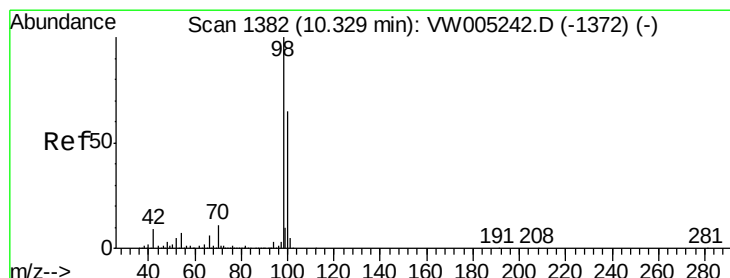
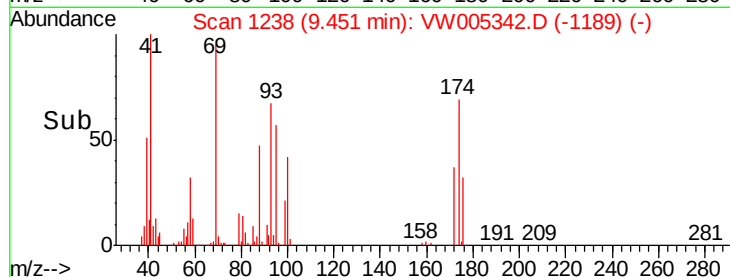
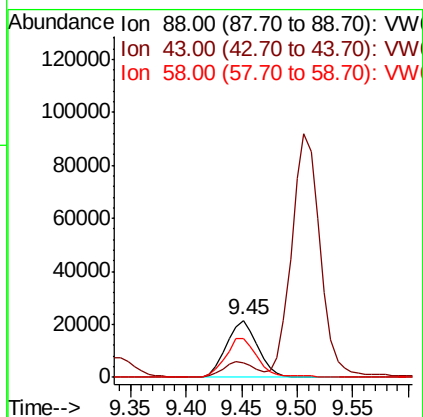
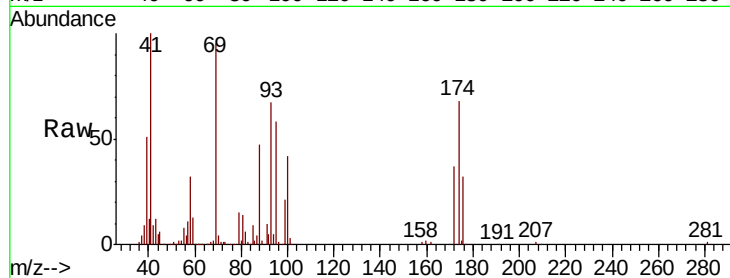
Tgt Ion: 88 Resp: 41745

Ion Ratio Lower Upper

88 100

43 26.2 22.7 34.1

58 69.4 56.6 85.0



#50

Toluene-d8

Concen: 53.261 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005342.D

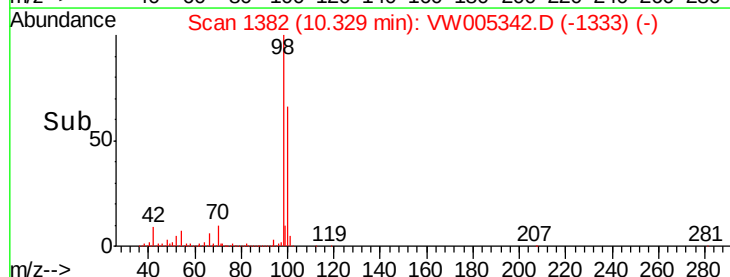
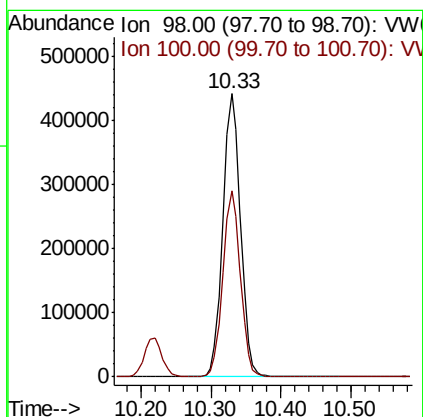
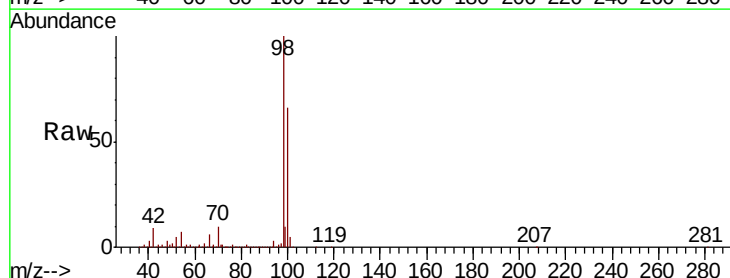
Acq: 12 Sep 2018 22:47

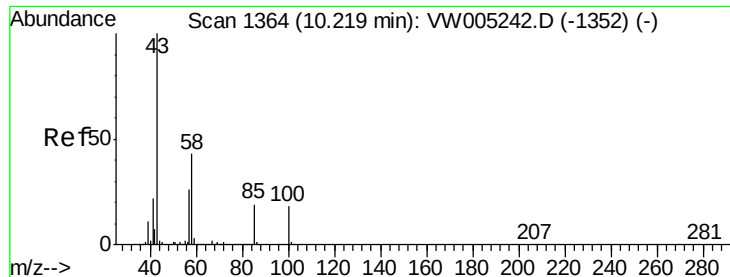
Tgt Ion: 98 Resp: 778761

Ion Ratio Lower Upper

98 100

100 65.4 52.0 78.0

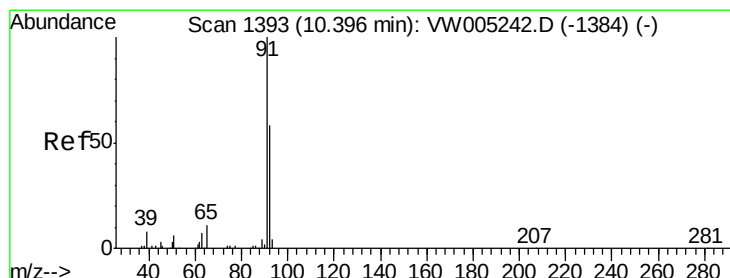
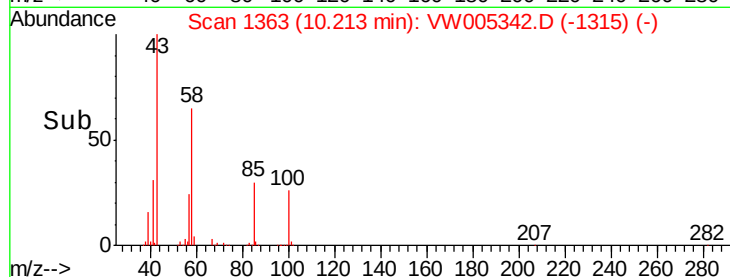
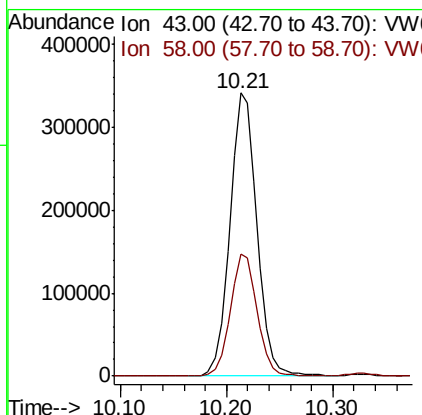
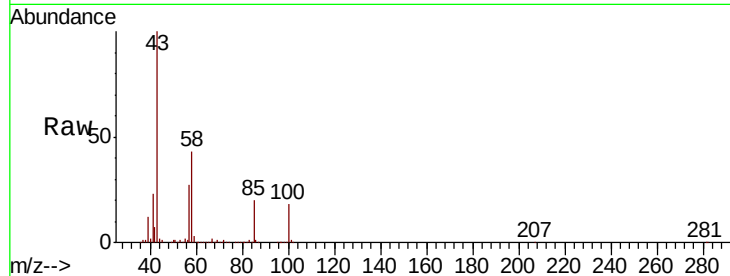




#51
 4-Methyl-2-Pentanone
 Concen: 300.898 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: VW005342.D
 Acq: 12 Sep 2018 22:47

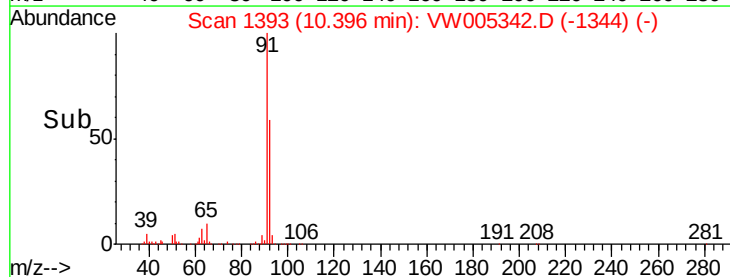
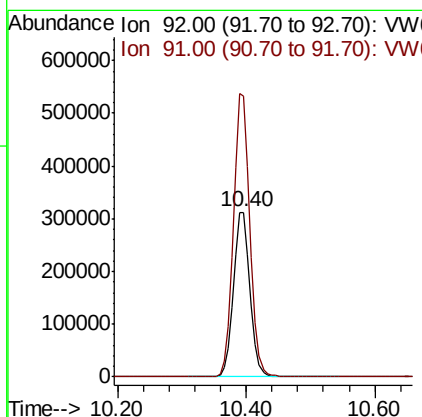
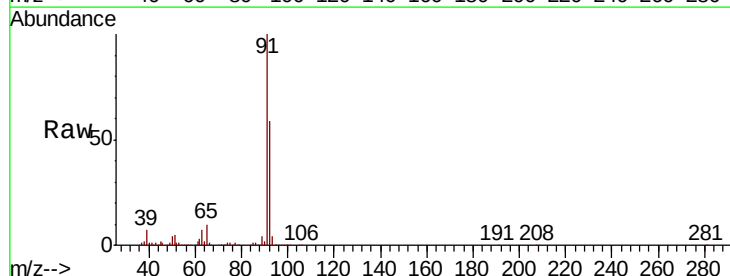
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

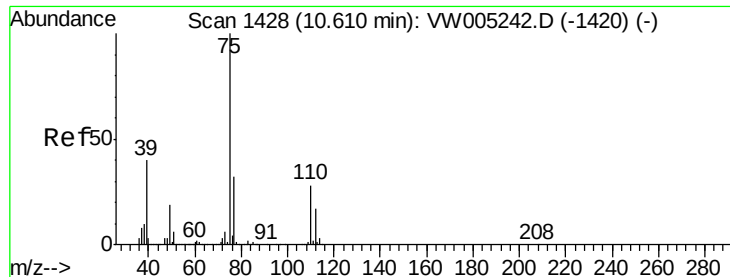
Tgt Ion: 43 Resp: 605281
 Ion Ratio Lower Upper
 43 100
 58 42.9 33.8 50.6



#52
 Toluene
 Concen: 51.879 ug/l
 RT: 10.40 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: VW005342.D
 Acq: 12 Sep 2018 22:47

Tgt Ion: 92 Resp: 562159
 Ion Ratio Lower Upper
 92 100
 91 171.3 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 52.174 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

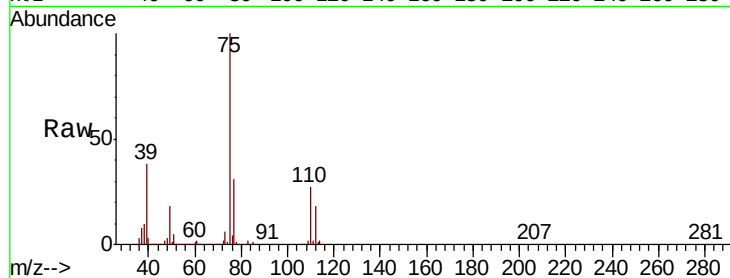
VSTDCCC050EC

Tgt Ion: 75 Resp: 241955

Ion Ratio Lower Upper

75 100

77 30.6 25.8 38.8



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.61

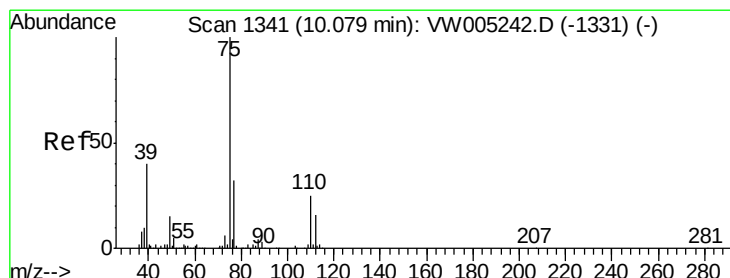
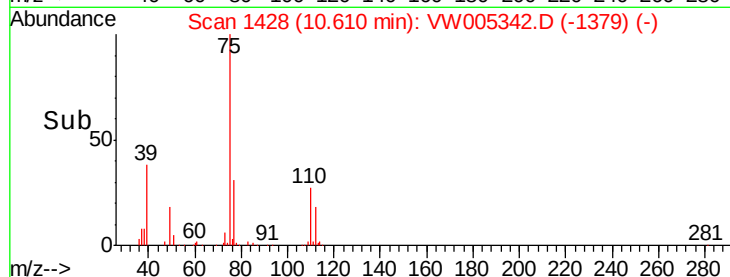
150000

100000

50000

0

Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 51.412 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

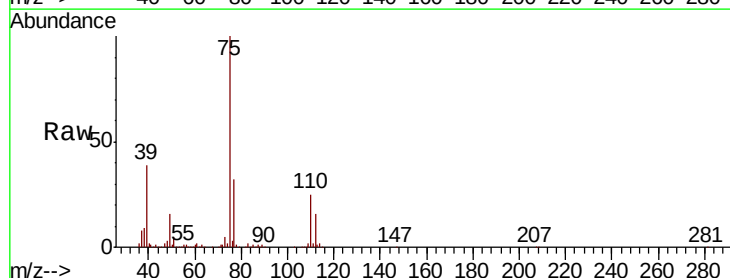
Tgt Ion: 75 Resp: 285515

Ion Ratio Lower Upper

75 100

77 32.0 25.5 38.3

39 38.5 31.8 47.6



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

200000

150000

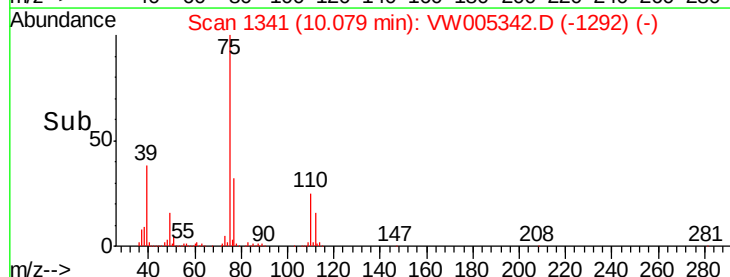
10.08

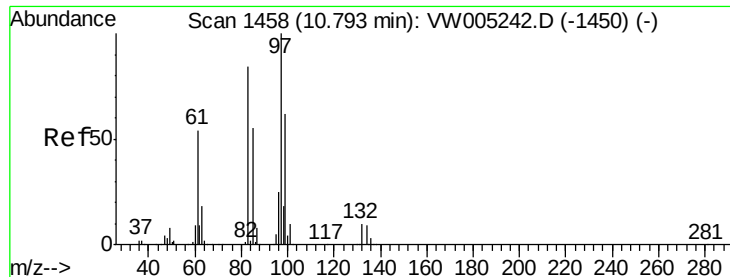
100000

50000

0

Time--> 10.00 10.10

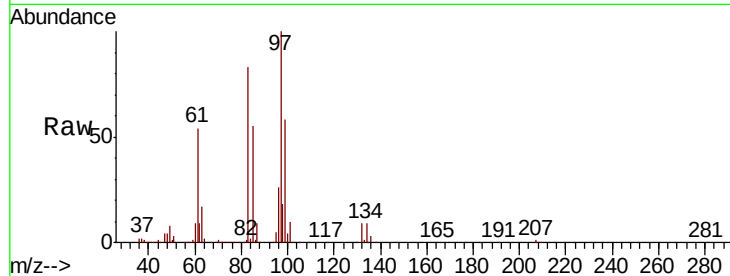




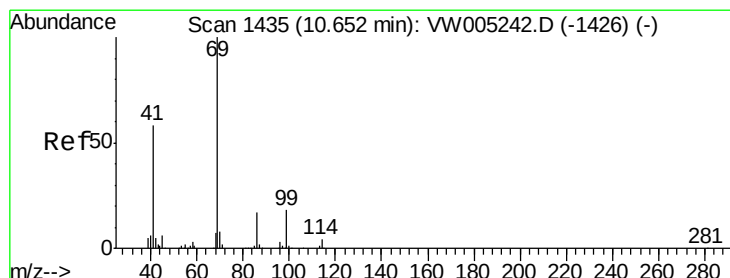
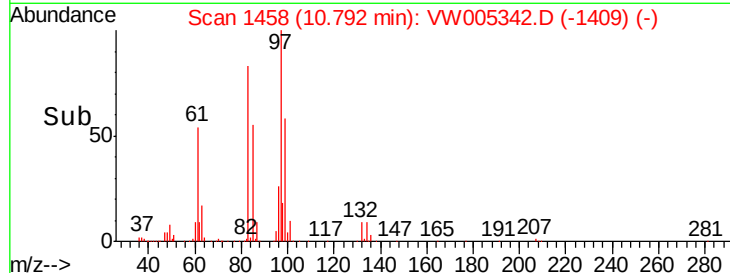
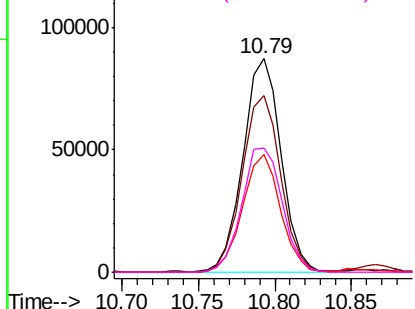
#55
 1,1,2-Trichloroethane
 Concen: 54.235 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005342.D
 Acq: 12 Sep 2018 22:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	151691
Ion	Ratio	Lower	Upper
97	100		
83	82.5	67.2	100.8
85	54.9	44.4	66.6
99	58.3	49.2	73.8

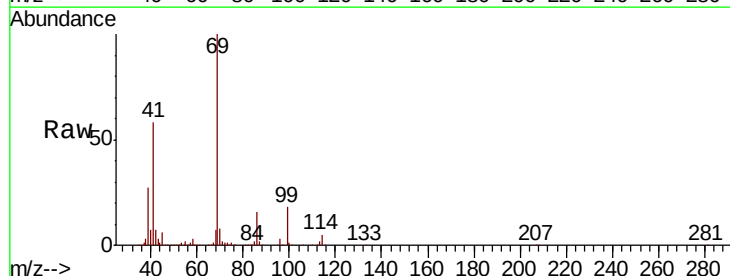


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

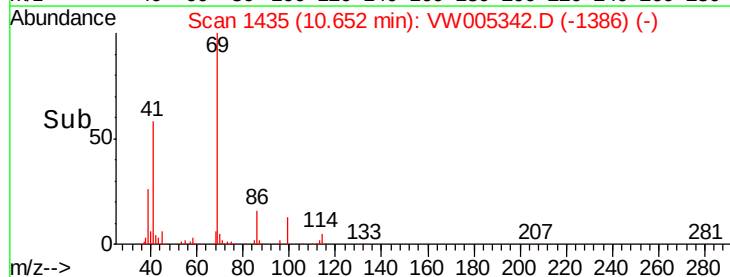
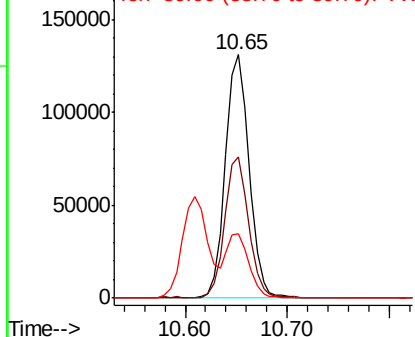


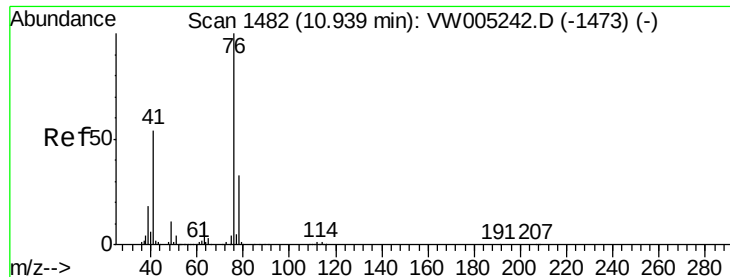
#56
 Ethyl methacrylate
 Concen: 59.770 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005342.D
 Acq: 12 Sep 2018 22:47

Tgt Ion:	69	Resp:	211936
Ion	Ratio	Lower	Upper
69	100		
41	57.9	48.7	73.1
39	25.2	20.9	31.3



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: 54.115 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

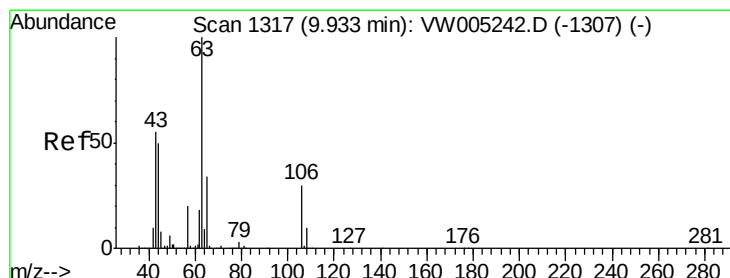
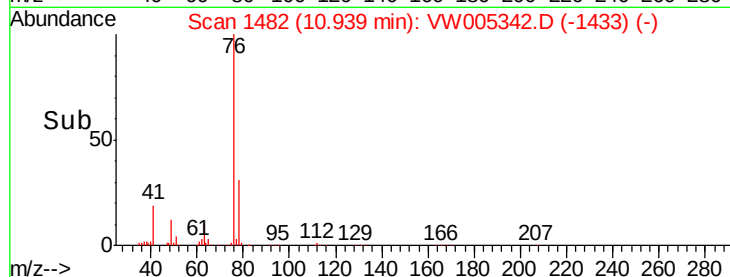
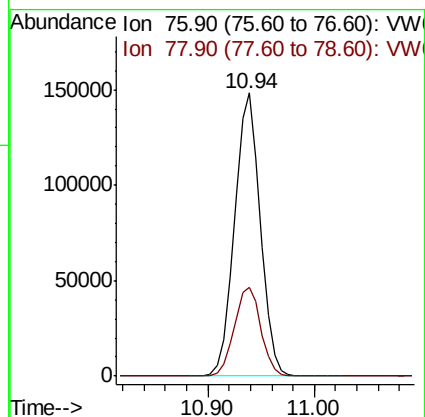
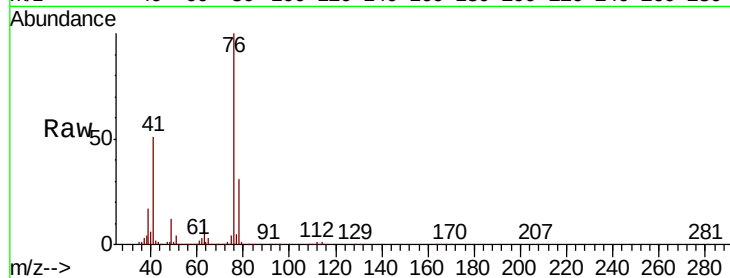
VSTDCCC050EC

Tgt Ion: 76 Resp: 251333

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 293.464 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VW005342.D

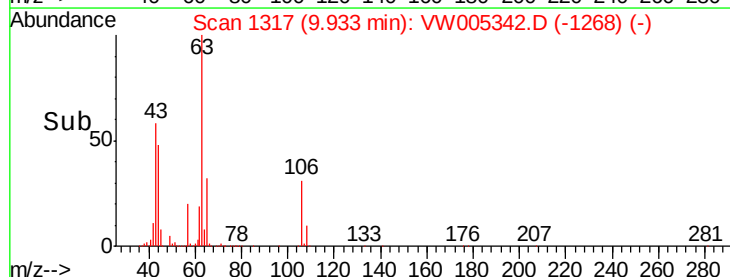
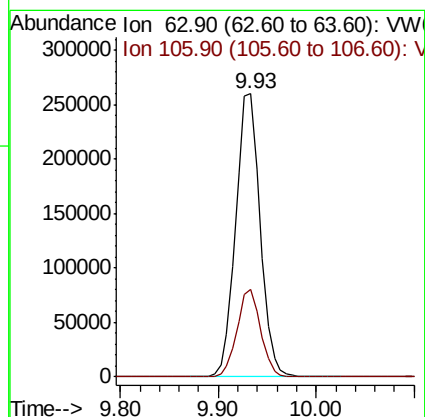
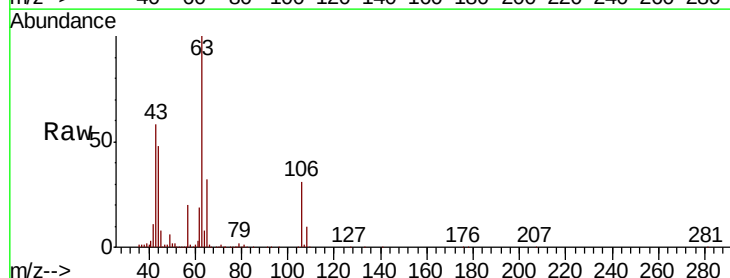
Acq: 12 Sep 2018 22:47

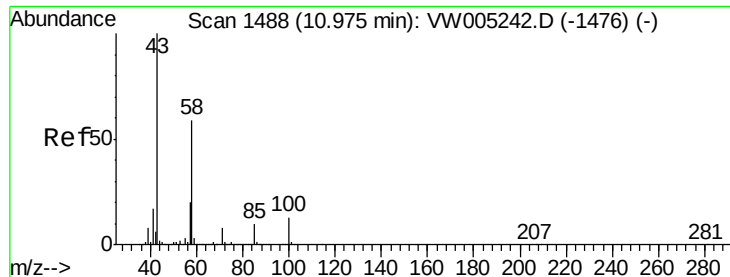
Tgt Ion: 63 Resp: 452280

Ion Ratio Lower Upper

63 100

106 29.8 23.4 35.0

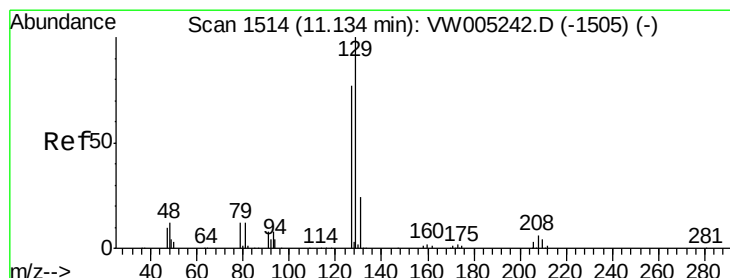
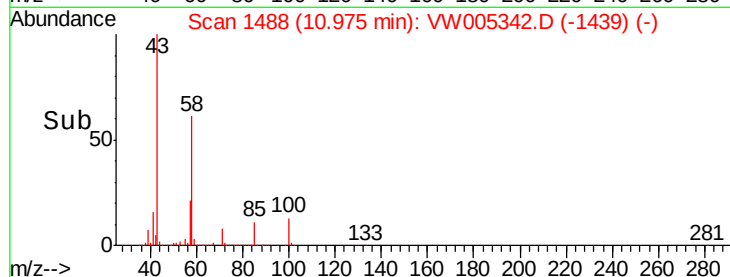
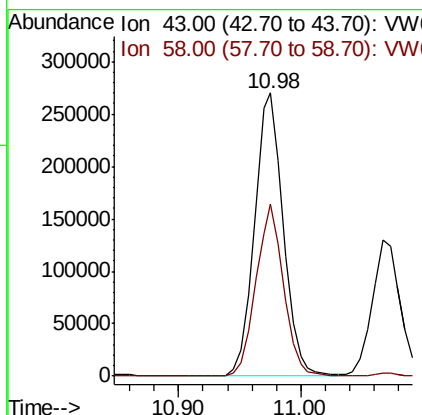
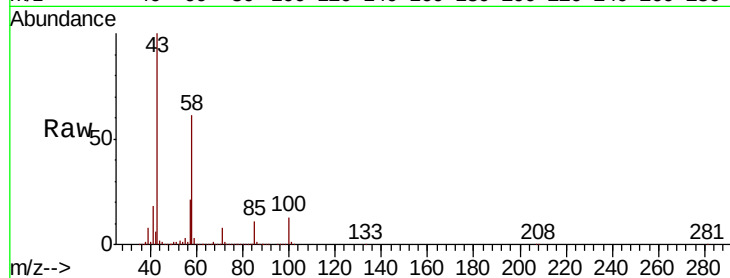




#59
2-Hexanone
Concen: 304.234 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

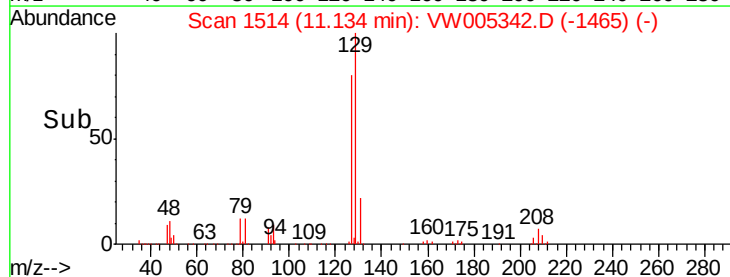
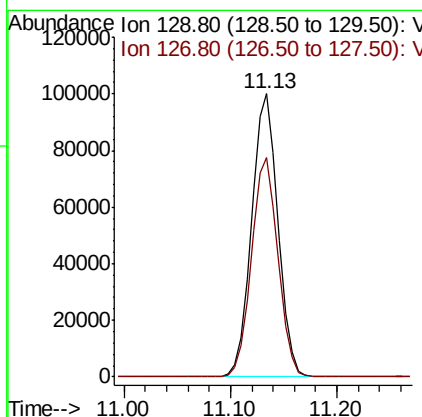
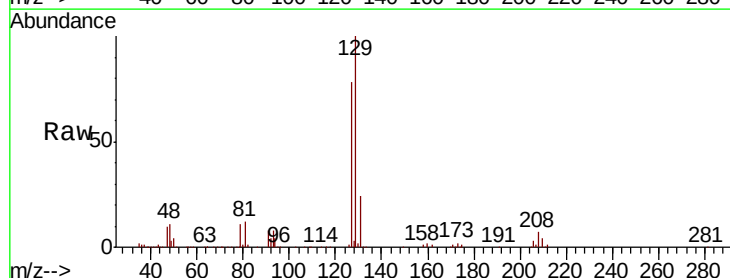
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

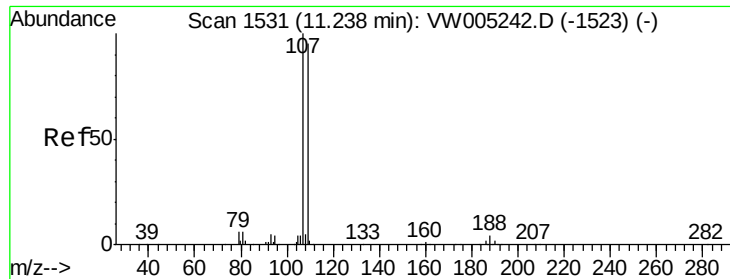
Tgt Ion: 43 Resp: 441197
Ion Ratio Lower Upper
43 100
58 58.5 29.3 87.9



#60
Dibromochloromethane
Concen: 55.682 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

Tgt Ion: 129 Resp: 172811
Ion Ratio Lower Upper
129 100
127 78.1 39.0 117.0

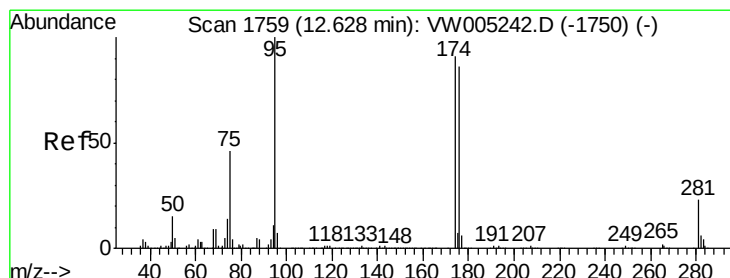
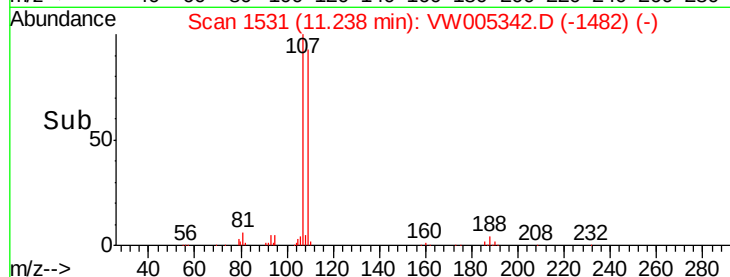
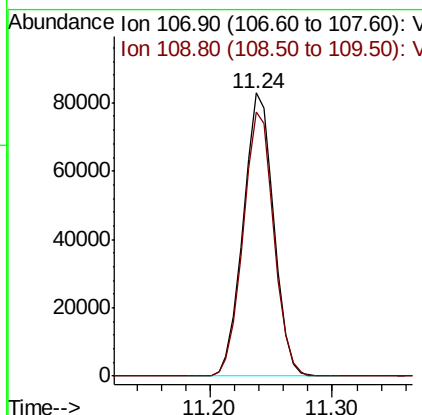
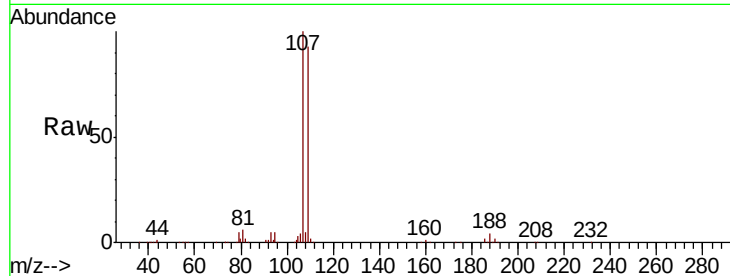




#61
 1,2-Dibromoethane
 Concen: 55.872 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005342.D
 Acq: 12 Sep 2018 22:47

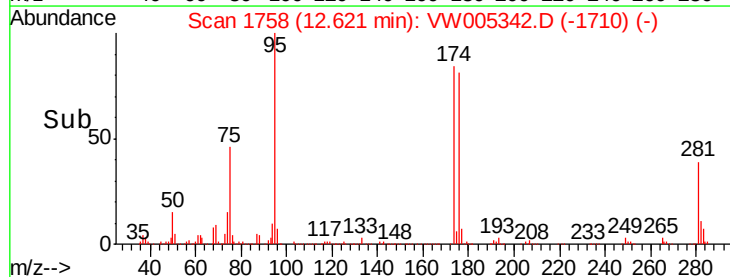
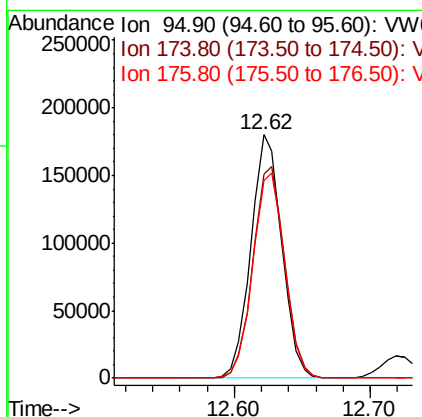
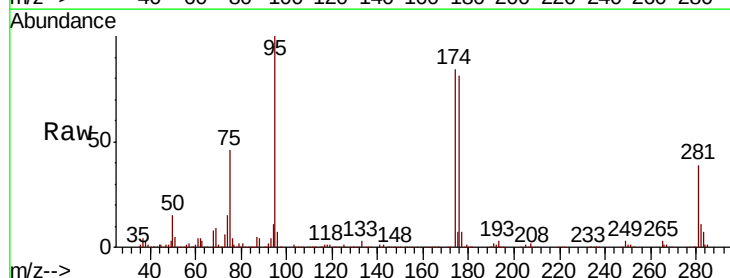
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

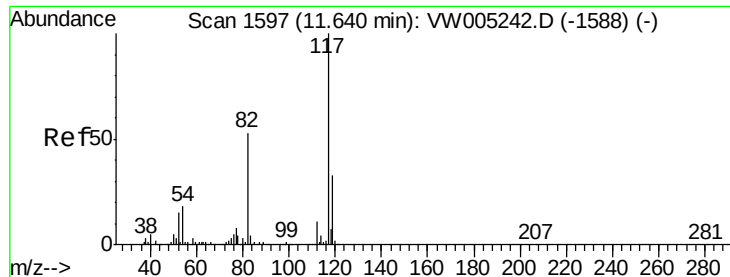
Tgt Ion: 107 Resp: 143305
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 53.917 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: VW005342.D
 Acq: 12 Sep 2018 22:47

Tgt Ion: 95 Resp: 288357
 Ion Ratio Lower Upper
 95 100
 174 88.9 0.0 174.6
 176 86.5 0.0 167.6

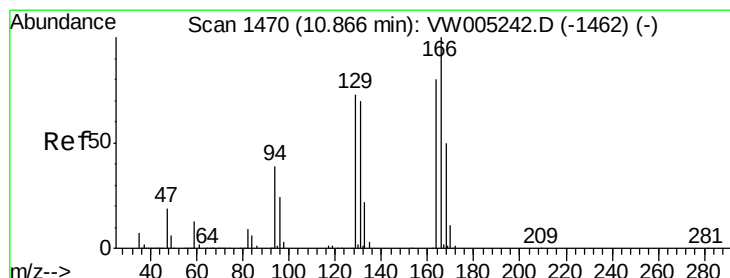
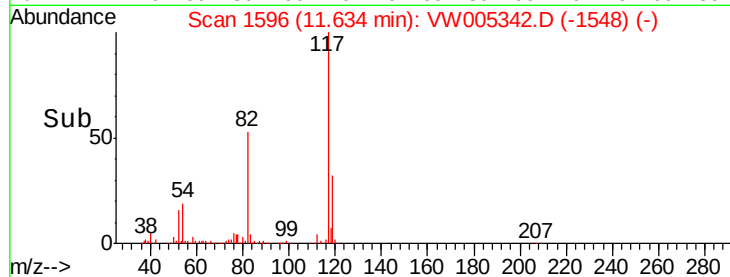
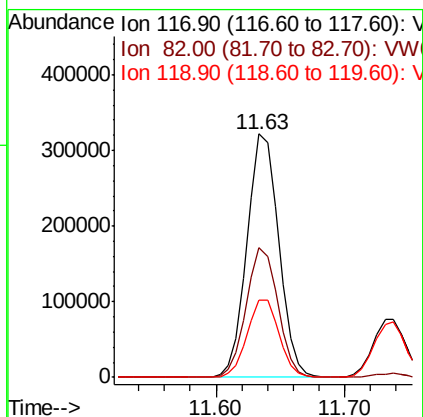
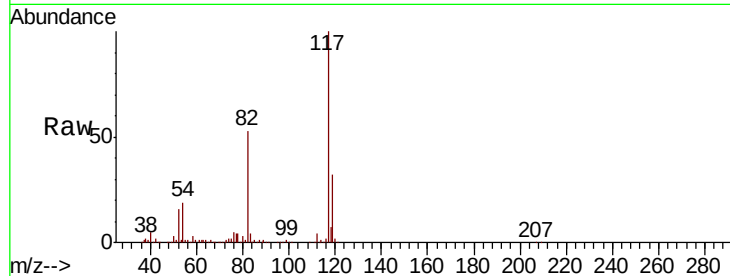




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

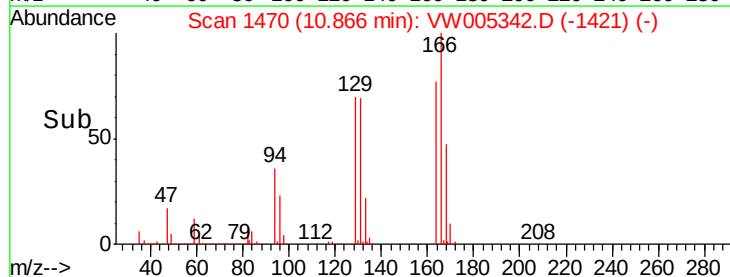
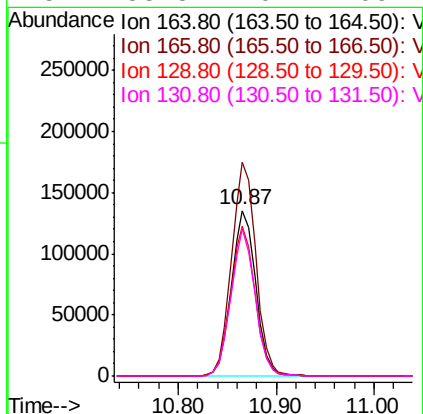
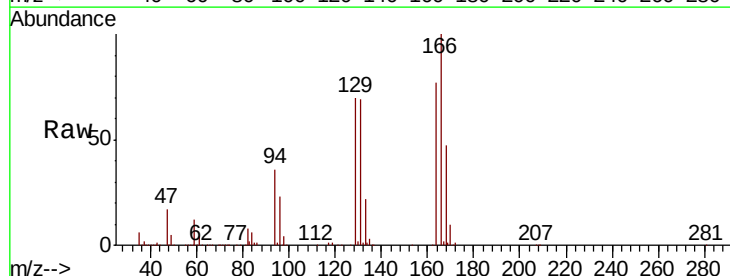
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

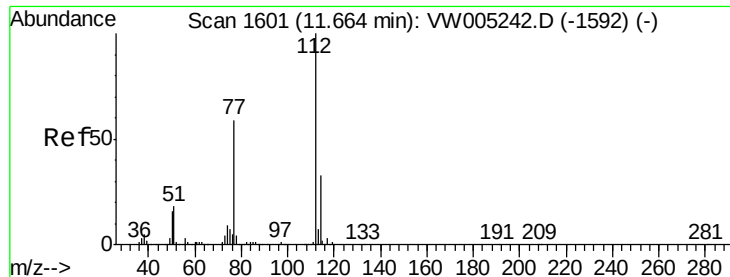
Tgt Ion:117 Resp: 548309
Ion Ratio Lower Upper
117 100
82 53.2 42.6 63.8
119 31.7 26.2 39.4



#64
Tetrachloroethene
Concen: 57.476 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

Tgt Ion:164 Resp: 233810
Ion Ratio Lower Upper
164 100
166 129.3 100.2 150.2
129 90.3 73.2 109.8
131 88.8 70.2 105.4

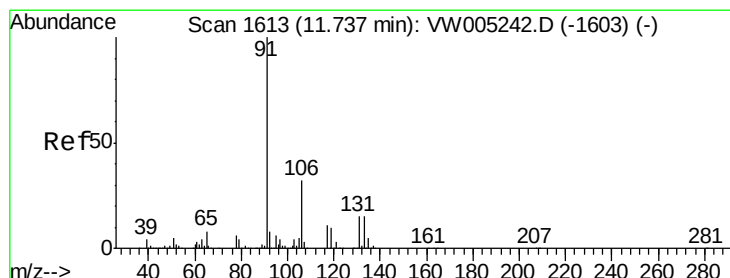
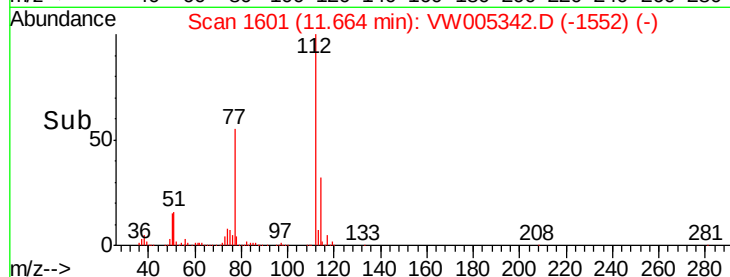
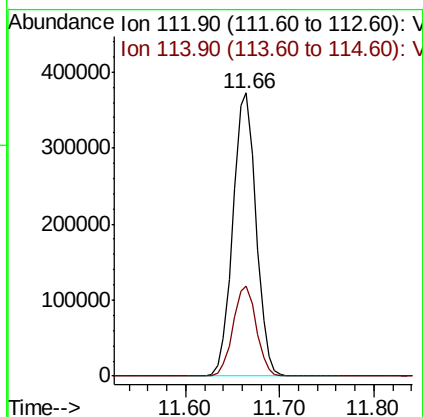
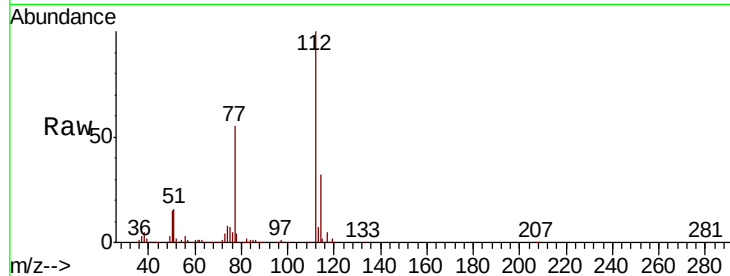




#65
Chlorobenzene
Concen: 52.889 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

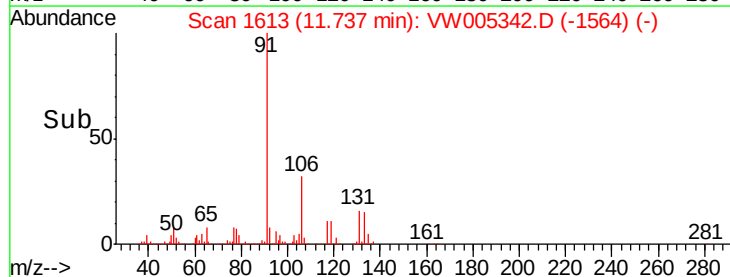
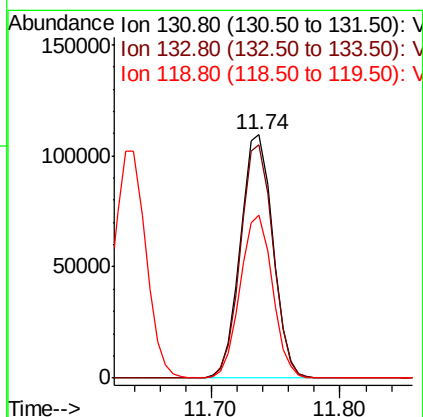
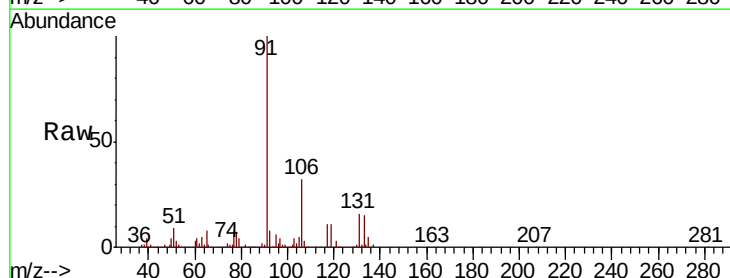
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

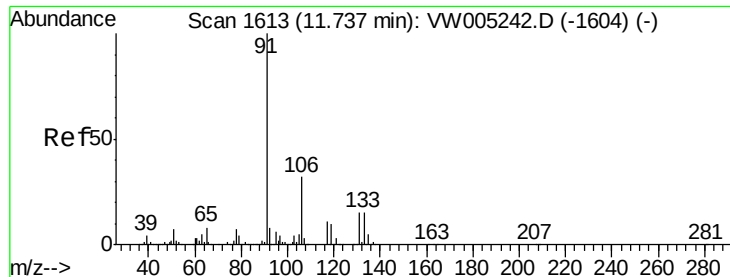
Tgt Ion:112 Resp: 635274
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 53.415 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

Tgt Ion:131 Resp: 191565
Ion Ratio Lower Upper
131 100
133 95.9 48.1 144.3
119 66.3 33.4 100.1

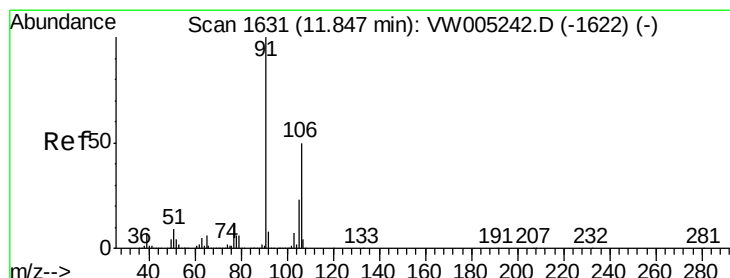
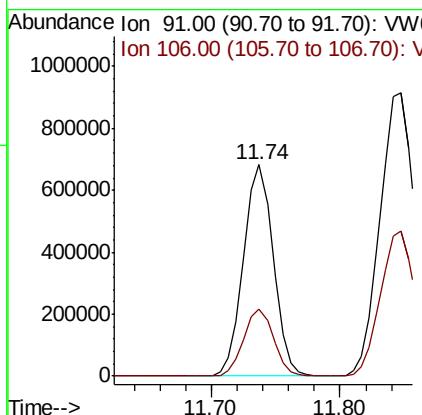
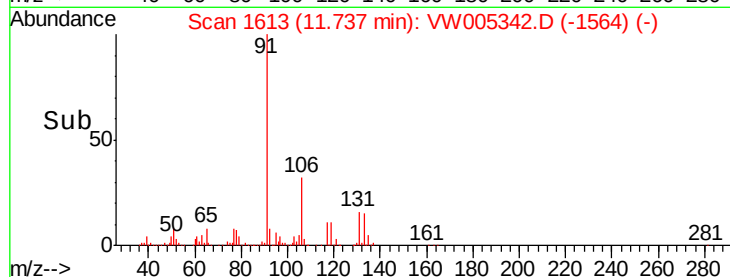
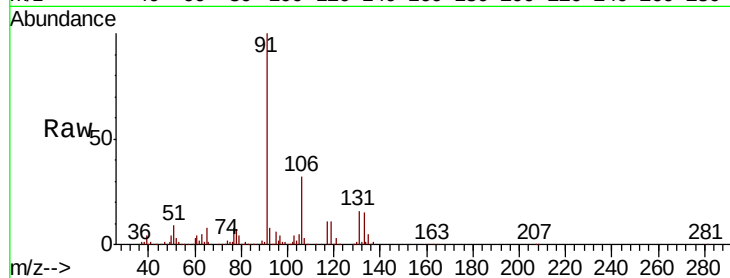




#67
Ethyl Benzene
Concen: 52.264 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

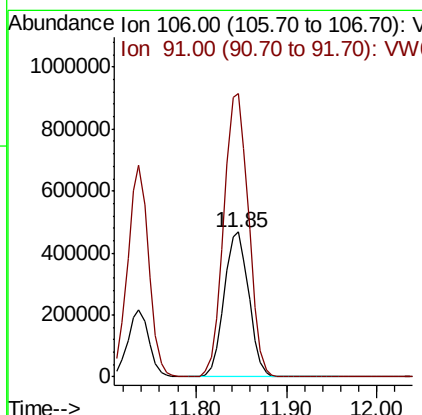
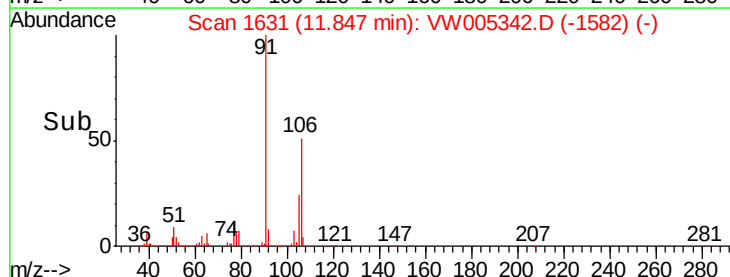
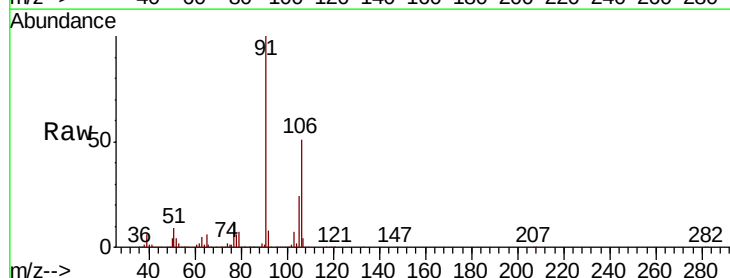
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

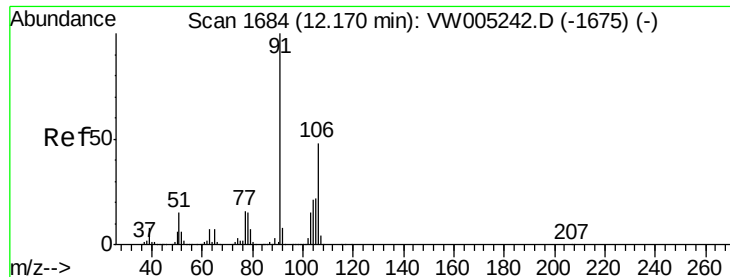
Tgt Ion: 91 Resp: 1093239
Ion Ratio Lower Upper
91 100
106 32.0 25.6 38.4



#68
m/p-Xylenes
Concen: 104.636 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

Tgt Ion: 106 Resp: 882007
Ion Ratio Lower Upper
106 100
91 196.9 160.2 240.2

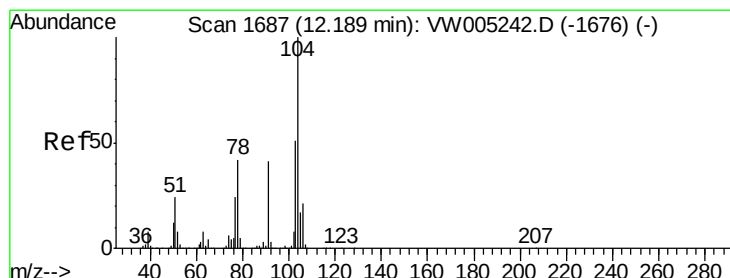
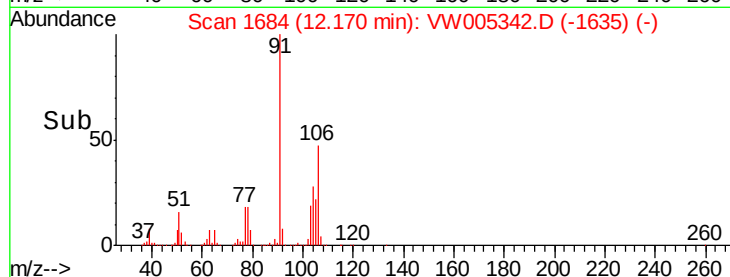
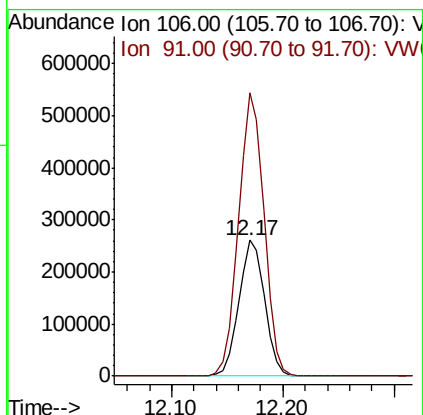
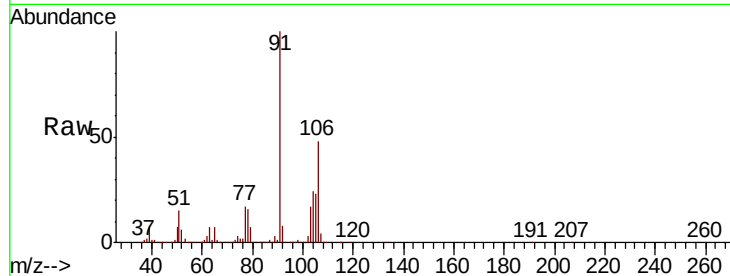




#69
o-Xylene
Concen: 53.160 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

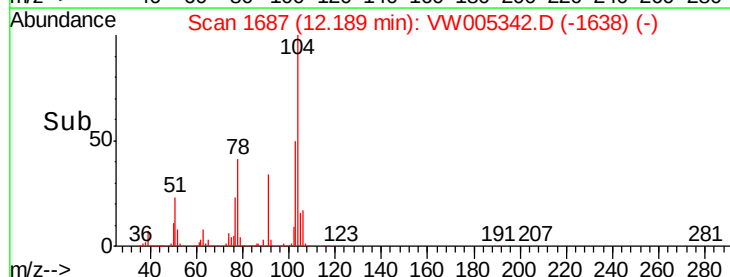
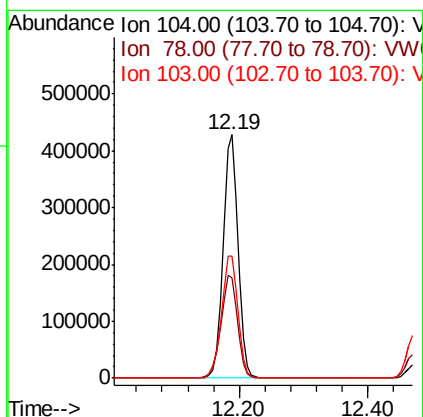
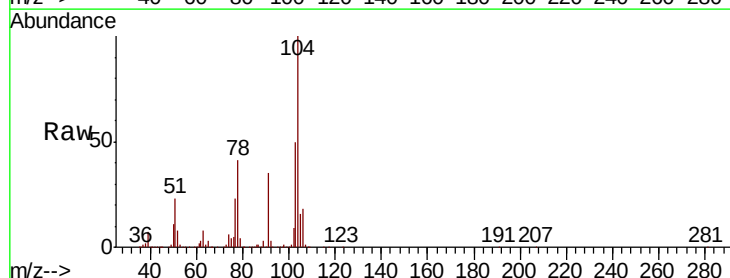
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

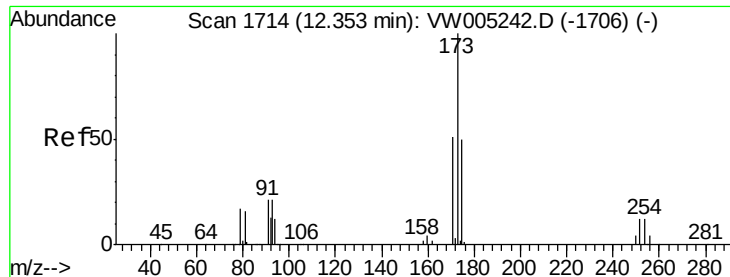
Tgt Ion:106 Resp: 416900
Ion Ratio Lower Upper
106 100
91 206.9 104.1 312.3



#70
Styrene
Concen: 54.706 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

Tgt Ion:104 Resp: 700057
Ion Ratio Lower Upper
104 100
78 46.7 37.4 56.2
103 55.1 44.1 66.1





#71

Bromoform

Concen: 59.363 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

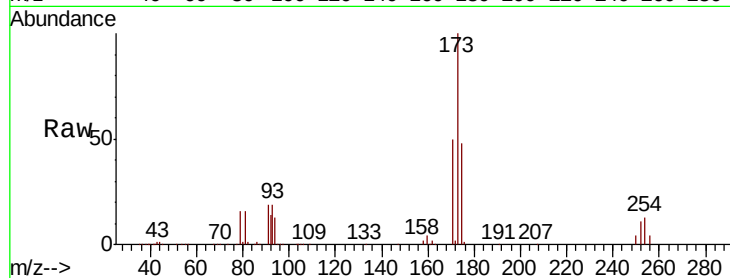
Tgt Ion:173 Resp: 115433

Ion Ratio Lower Upper

173 100

175 48.3 24.9 74.6

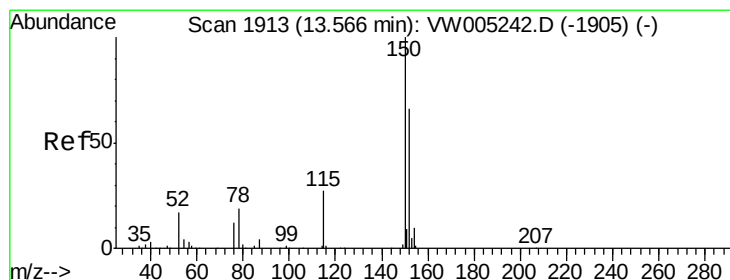
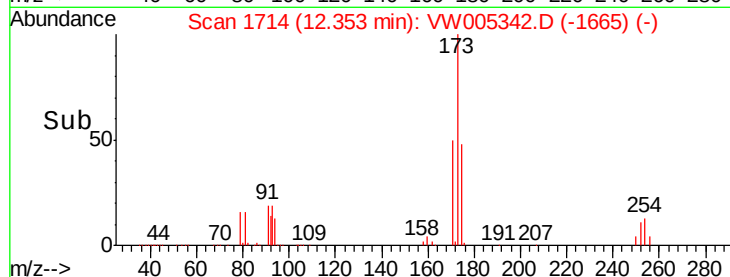
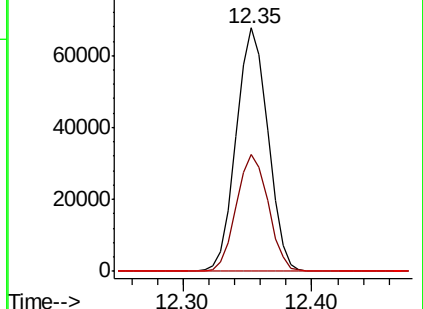
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

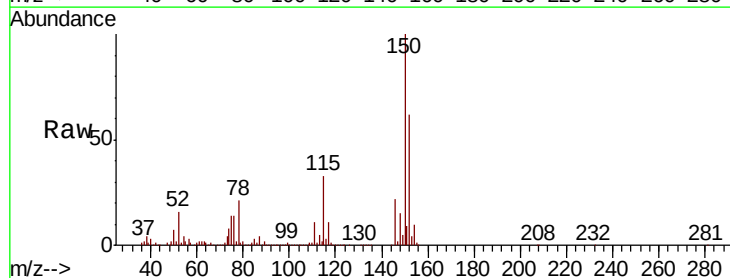
Tgt Ion:152 Resp: 304537

Ion Ratio Lower Upper

152 100

115 54.9 27.5 82.4

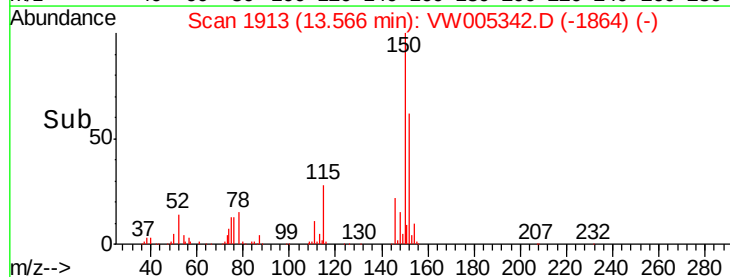
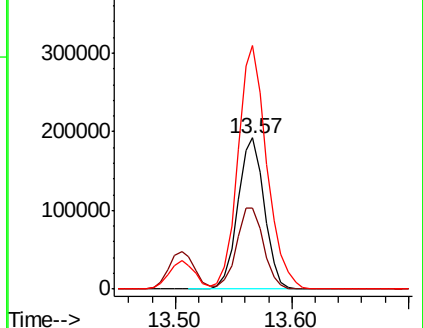
150 175.2 0.0 347.4

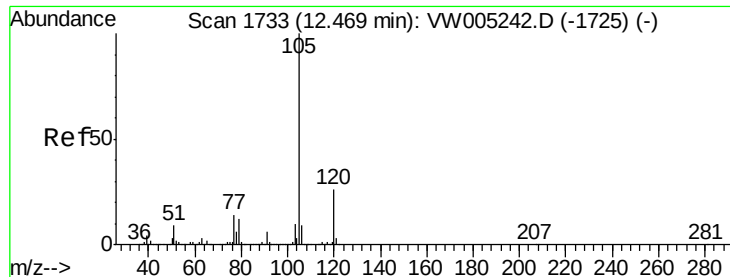


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.750 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

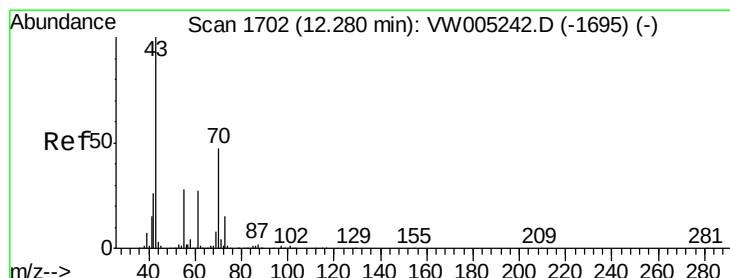
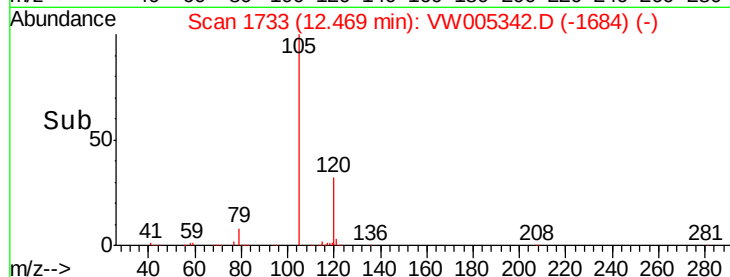
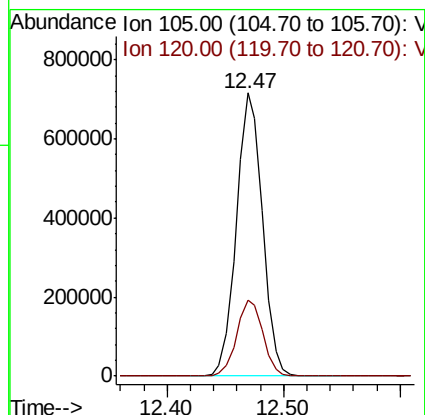
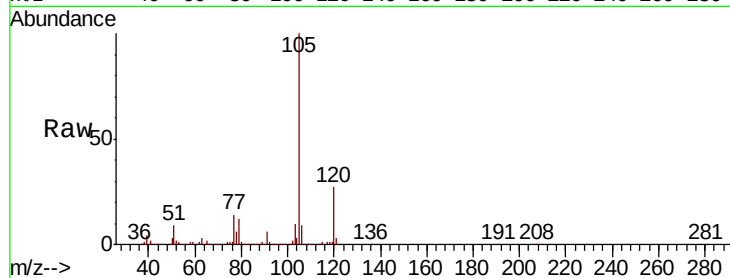
VSTDCCC050EC

Tgt Ion:105 Resp: 1113508

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.1



#74

N-ethyl acetate

Concen: 58.021 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Tgt Ion: 43 Resp: 237532

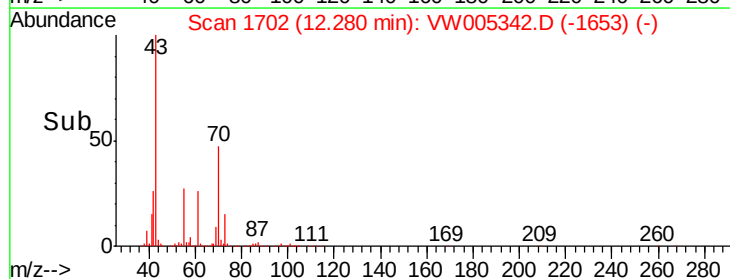
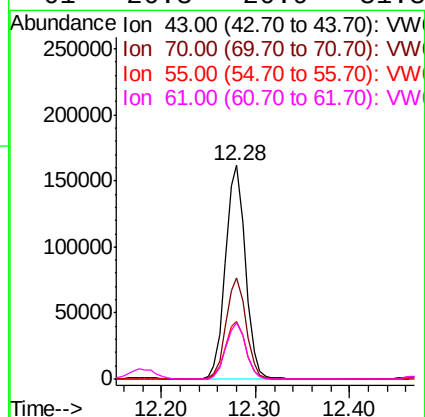
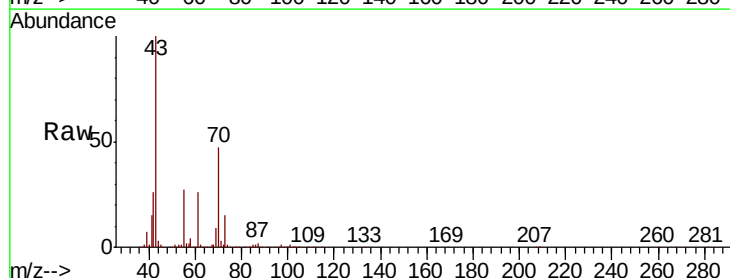
Ion Ratio Lower Upper

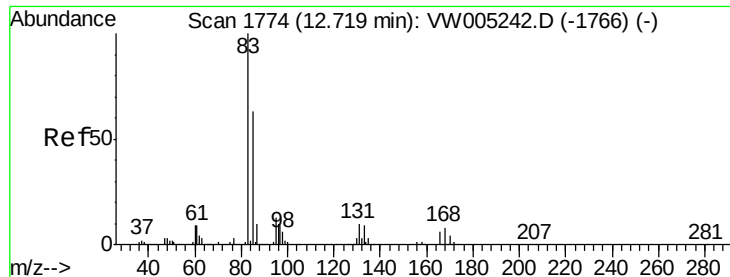
43 100

70 47.4 37.9 56.9

55 28.1 22.6 33.8

61 26.3 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 57.096 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

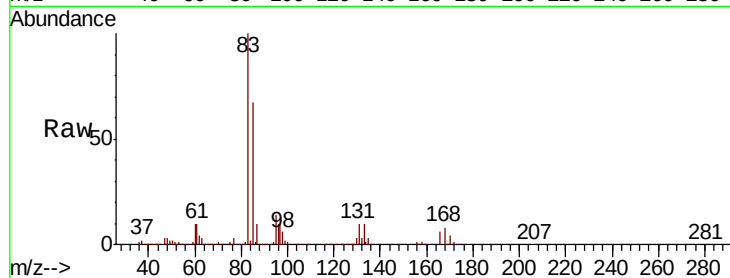
Tgt Ion: 83 Resp: 184634

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

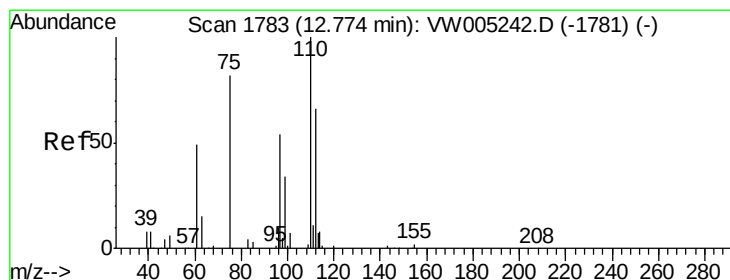
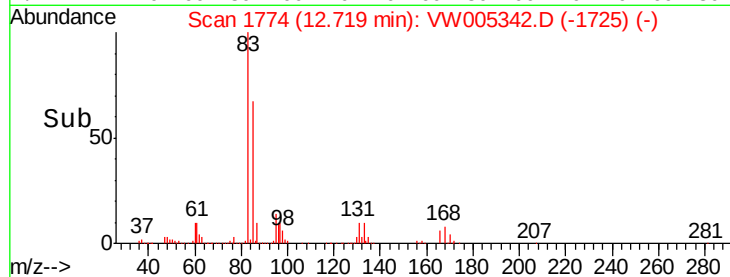
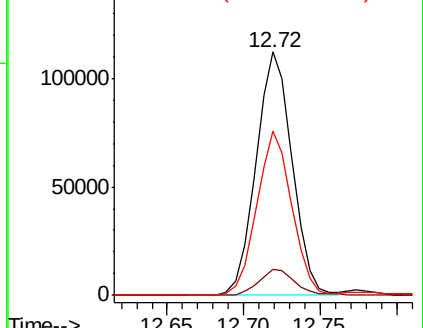
85 65.1 31.6 95.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 103.520 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005342.D

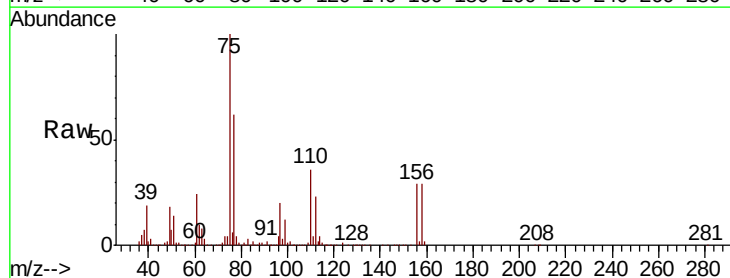
Acq: 12 Sep 2018 22:47

Tgt Ion: 75 Resp: 242479

Ion Ratio Lower Upper

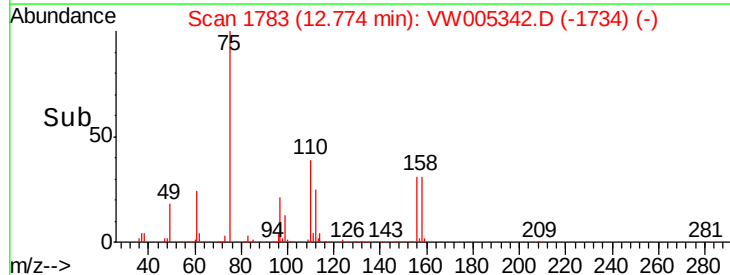
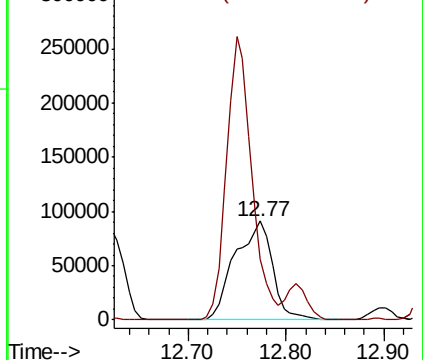
75 100

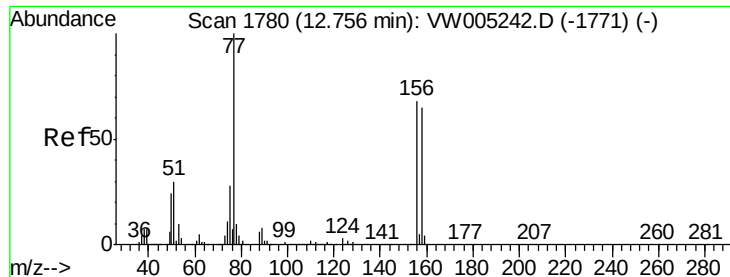
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 53.855 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

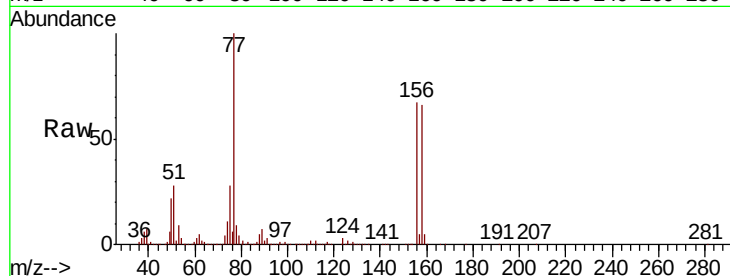
Tgt Ion:156 Resp: 273002

Ion Ratio Lower Upper

156 100

77 171.8 86.3 258.8

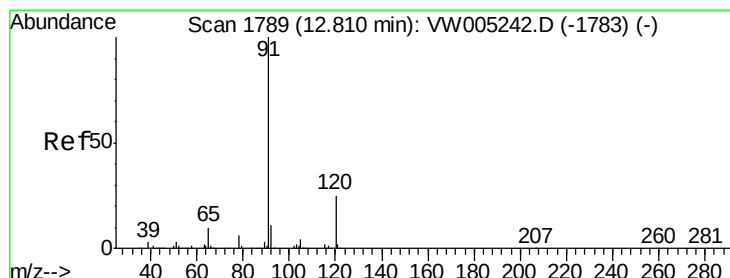
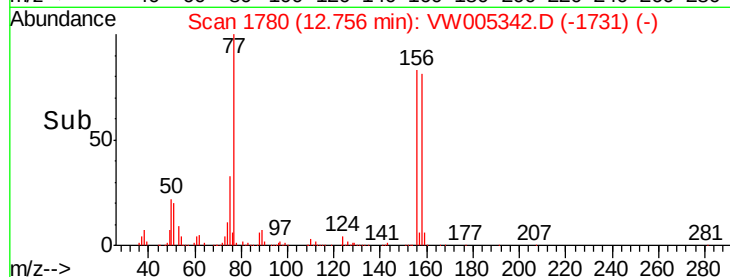
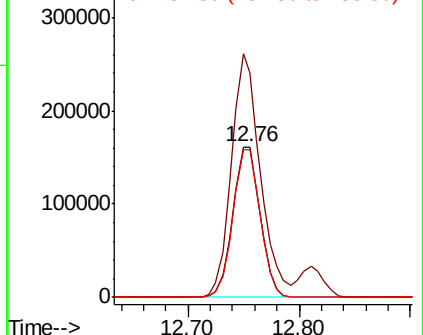
158 98.4 48.6 145.8



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: 51.303 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005342.D

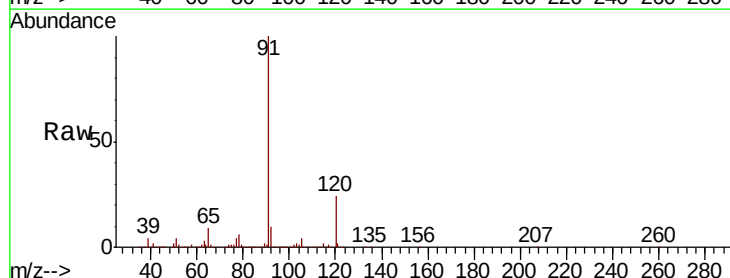
Acq: 12 Sep 2018 22:47

Tgt Ion: 91 Resp: 1325793

Ion Ratio Lower Upper

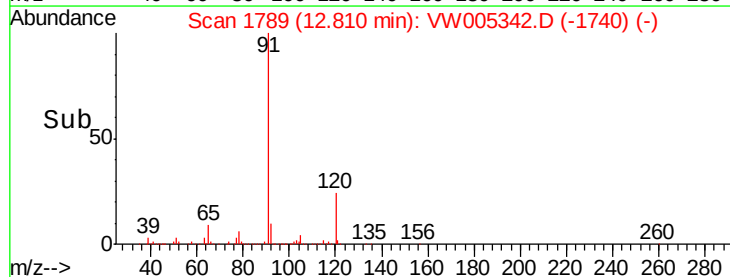
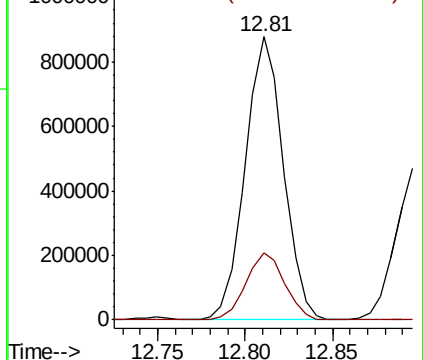
91 100

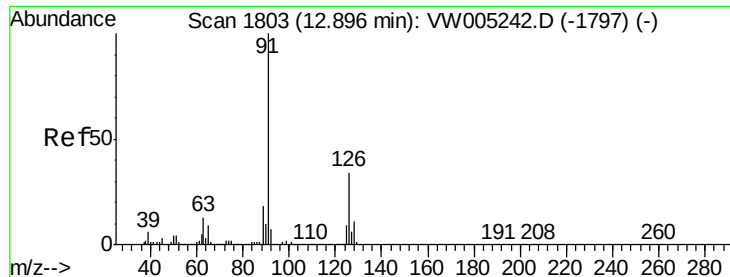
120 24.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.601 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

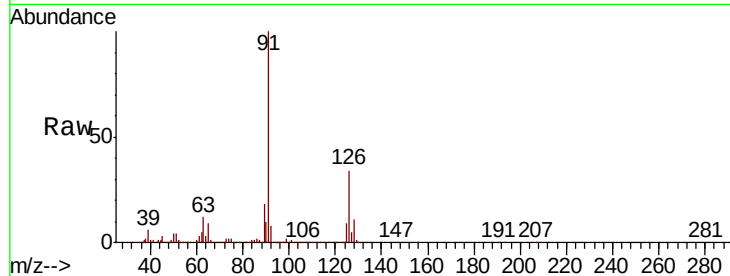
VSTDCCC050EC

Tgt Ion: 91 Resp: 764694

Ion Ratio Lower Upper

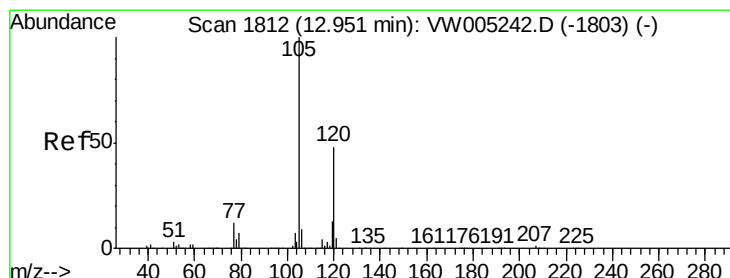
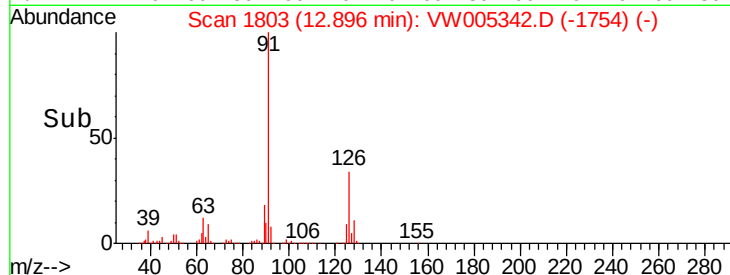
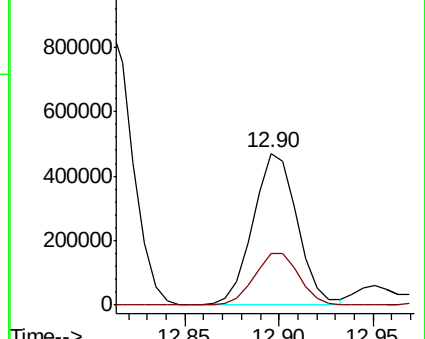
91 100

126 34.8 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.386 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005342.D

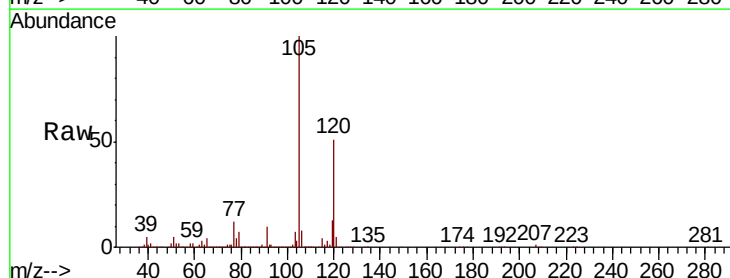
Acq: 12 Sep 2018 22:47

Tgt Ion: 105 Resp: 959826

Ion Ratio Lower Upper

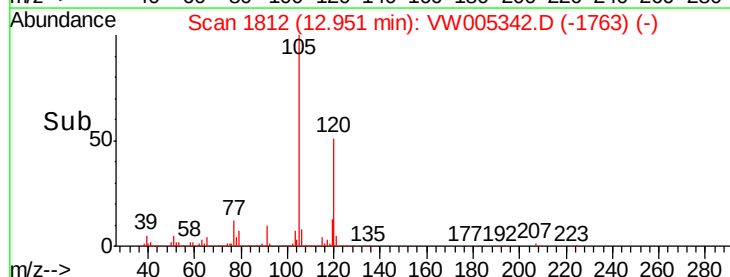
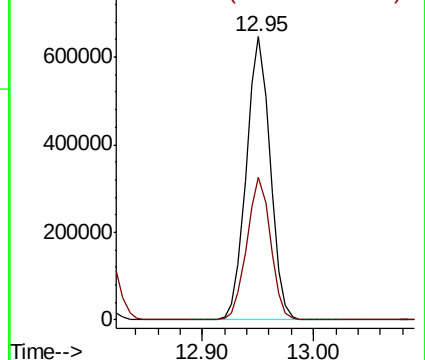
105 100

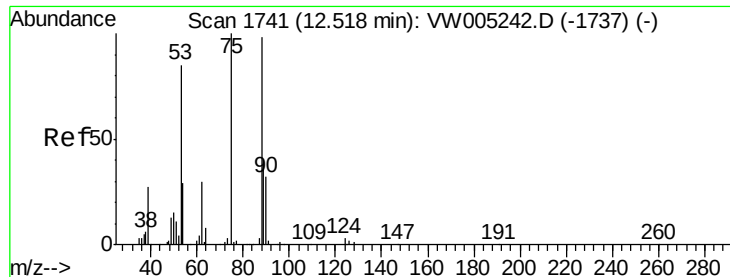
120 50.3 24.4 73.4



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: 54.618 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

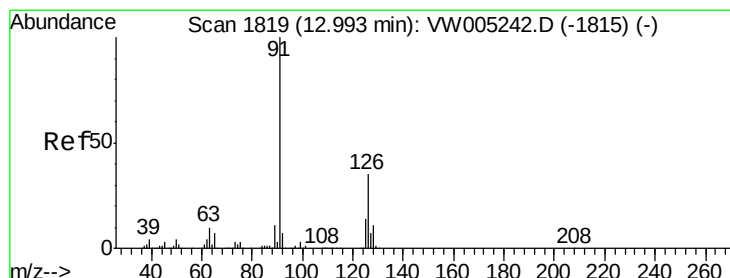
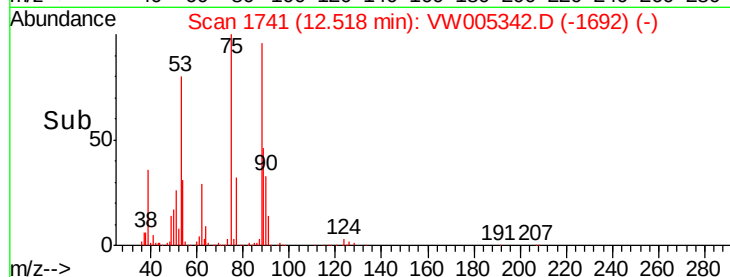
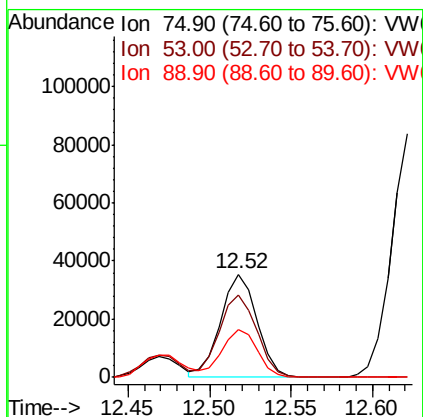
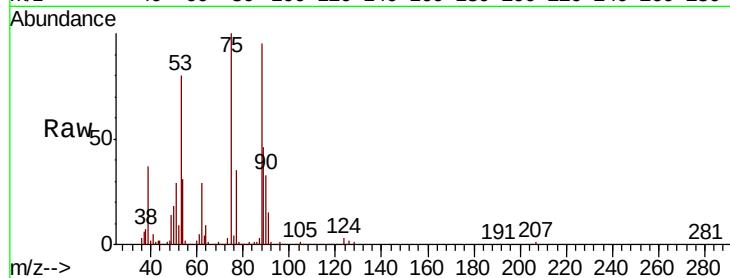
Tgt Ion: 75 Resp: 54551

Ion Ratio Lower Upper

75 100

53 82.5 67.0 100.6

89 45.6 37.0 55.4



#82

4-Chlorotoluene

Concen: 51.865 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW005342.D

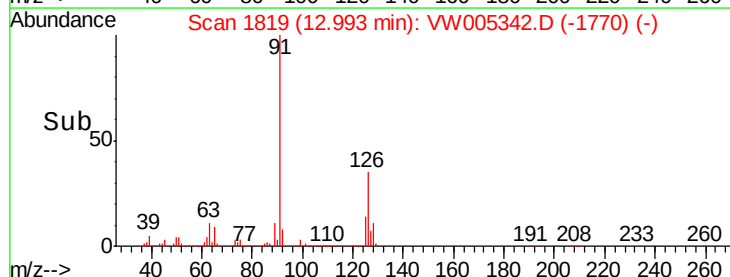
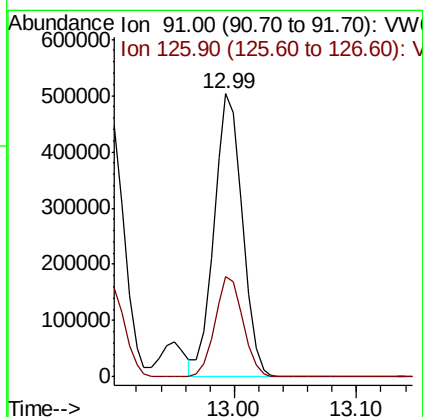
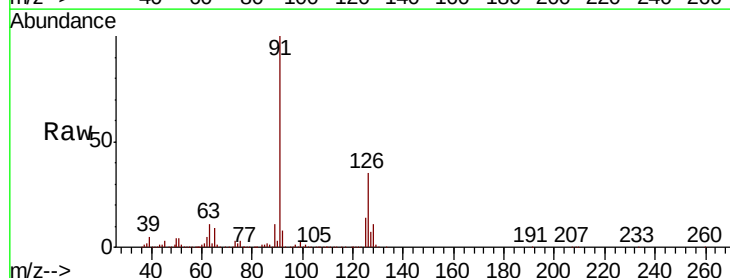
Acq: 12 Sep 2018 22:47

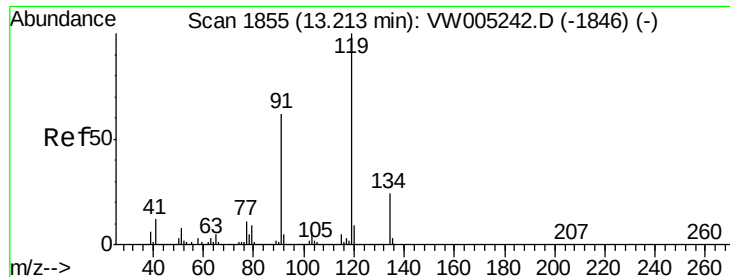
Tgt Ion: 91 Resp: 807878

Ion Ratio Lower Upper

91 100

126 35.1 17.5 52.5





#83

tert-Butylbenzene

Concen: 51.518 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

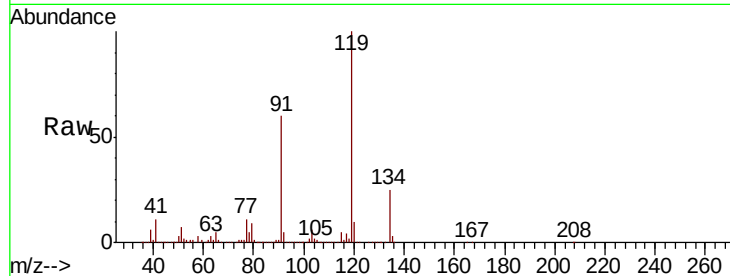
Tgt Ion:119 Resp: 825559

Ion Ratio Lower Upper

119 100

91 62.8 31.7 95.1

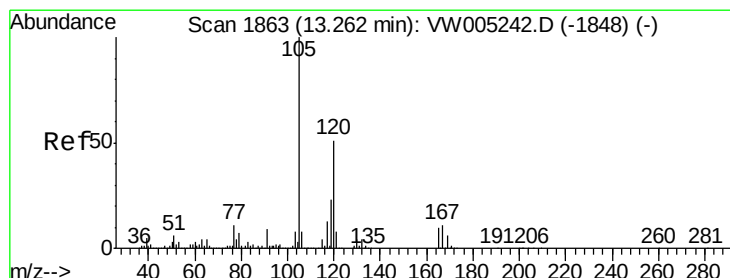
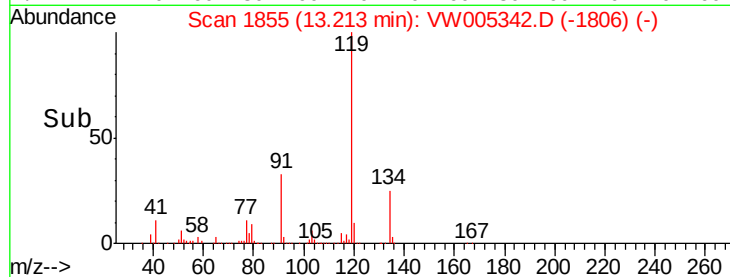
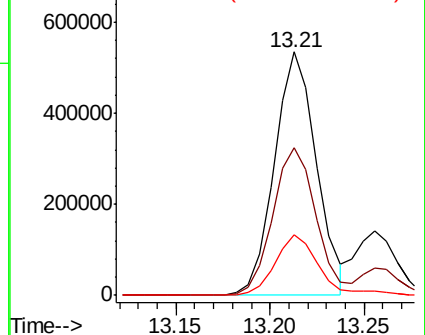
134 26.1 13.0 38.9



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: 53.170 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.01 min

Lab File: VW005342.D

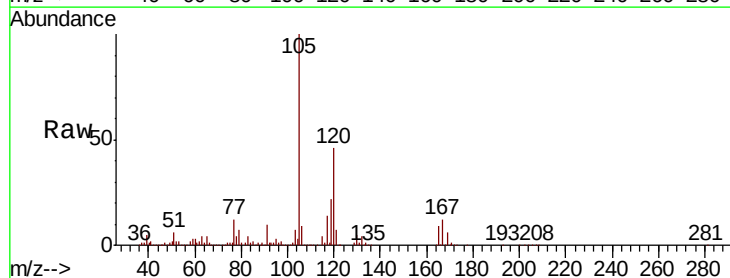
Acq: 12 Sep 2018 22:47

Tgt Ion:105 Resp: 978963

Ion Ratio Lower Upper

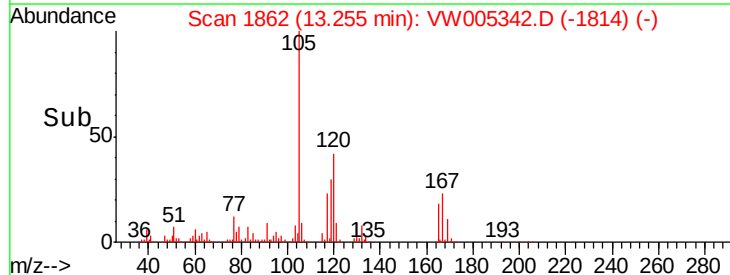
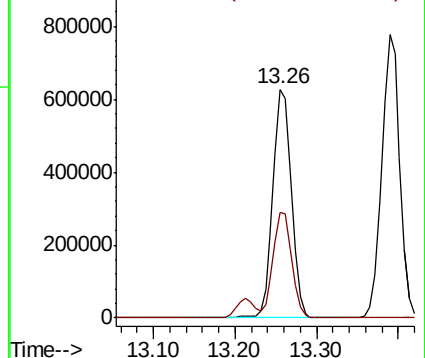
105 100

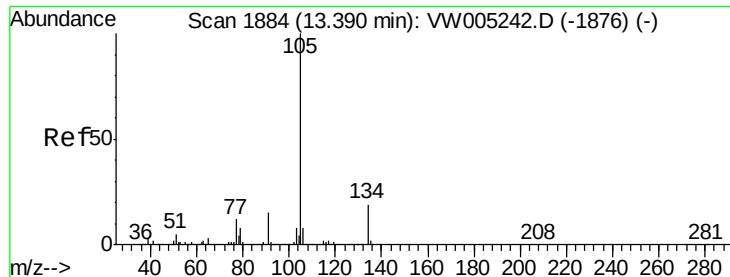
120 46.4 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.944 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

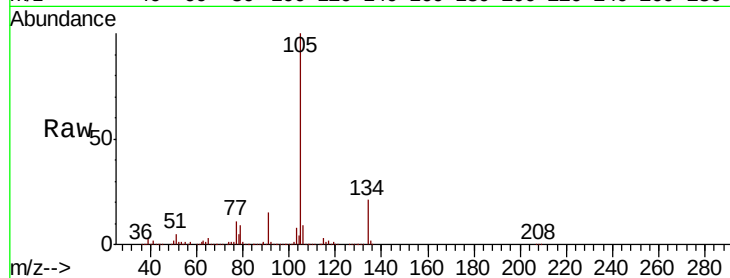
VSTDCCC050EC

Tgt Ion:105 Resp: 1196268

Ion Ratio Lower Upper

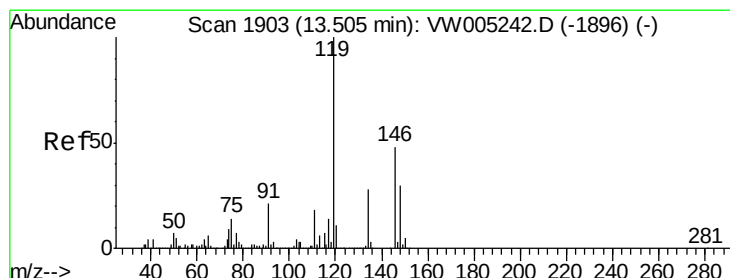
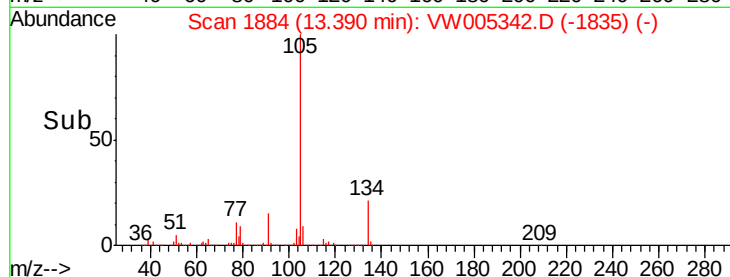
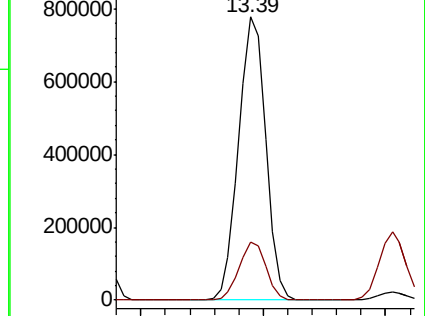
105 100

134 20.4 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.196 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

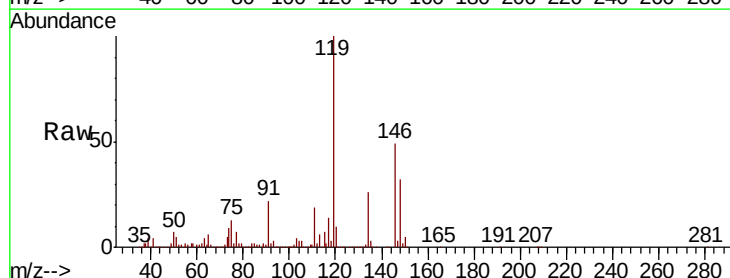
Tgt Ion:119 Resp: 1064124

Ion Ratio Lower Upper

119 100

134 26.5 13.2 39.5

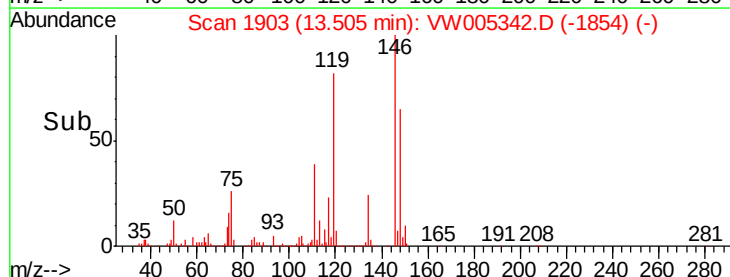
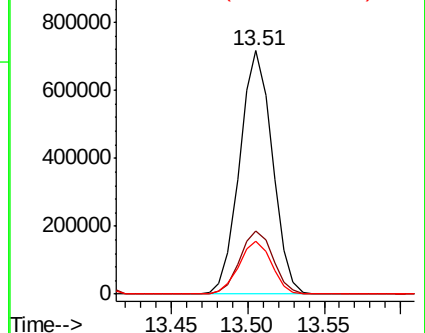
91 21.7 10.7 32.1

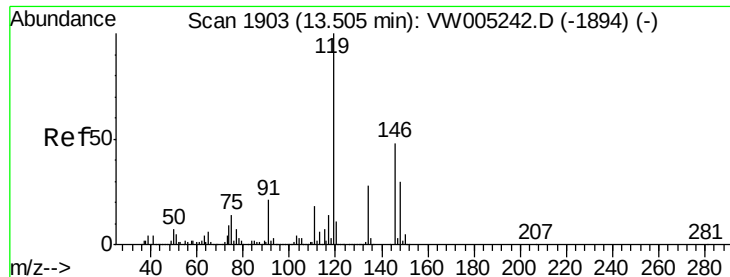


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 52.107 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

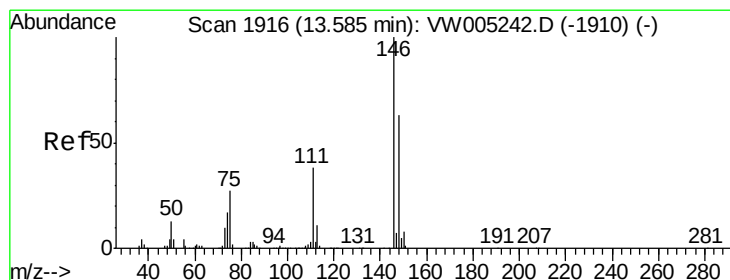
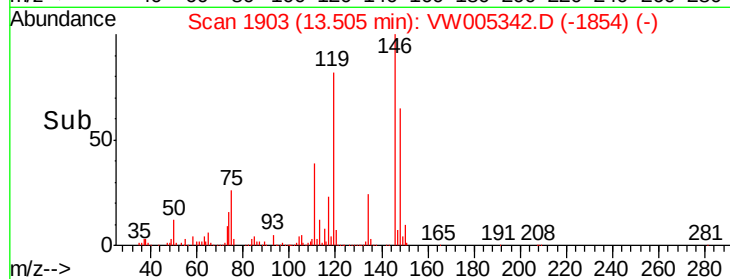
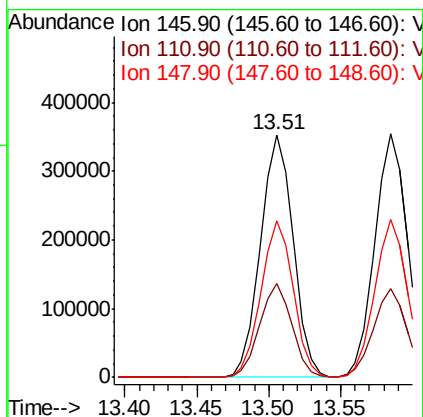
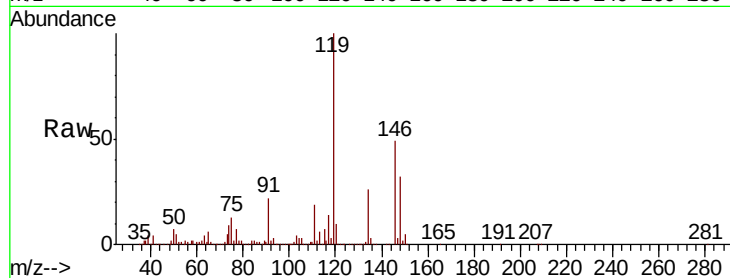
Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 554633

Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.8	56.3
148	63.5	31.6	94.8



#88

1,4-Dichlorobenzene

Concen: 52.754 ug/l

RT: 13.58 min Scan# 1916

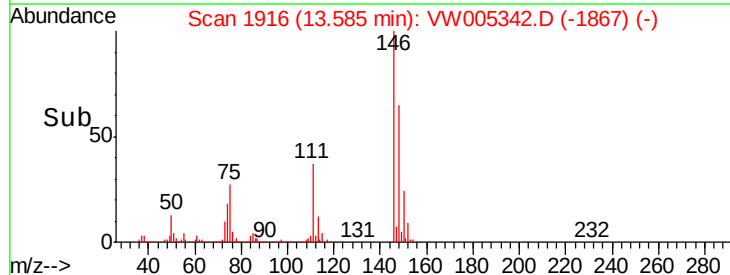
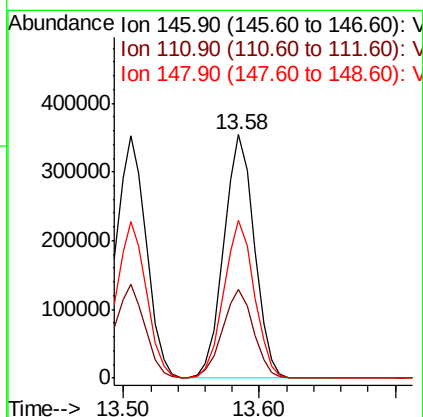
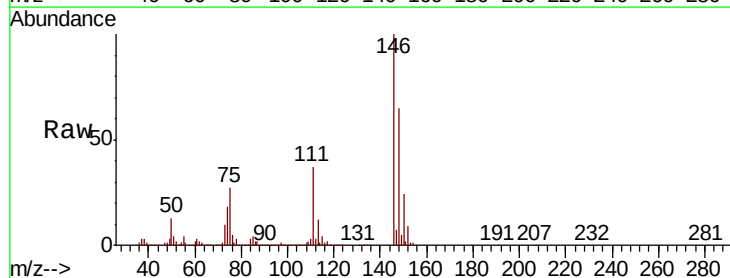
Delta R.T. -0.00 min

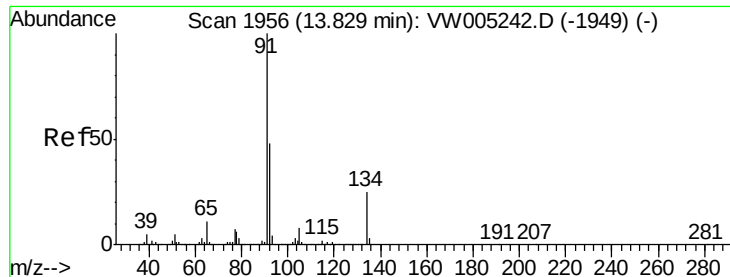
Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Tgt Ion:146 Resp: 551519

Ion	Ratio	Lower	Upper
146	100		
111	37.0	19.1	57.3
148	64.6	32.3	96.9





#89

n-Butylbenzene

Concen: 51.790 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW005342.D

Acq: 12 Sep 2018 22:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

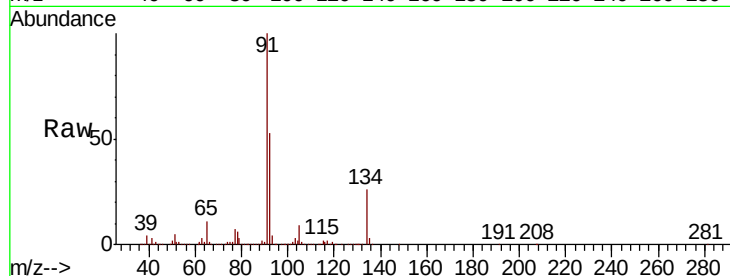
Tgt Ion: 91 Resp: 992552

Ion Ratio Lower Upper

91 100

92 53.0 25.8 77.3

134 27.2 13.6 40.8

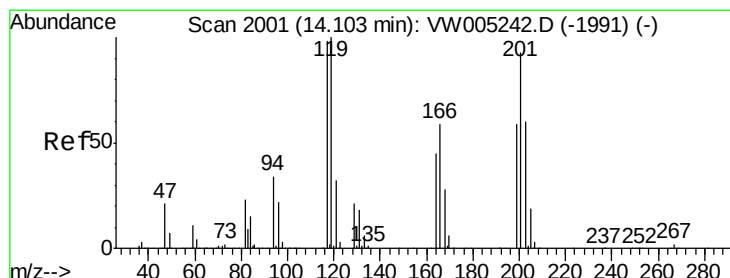
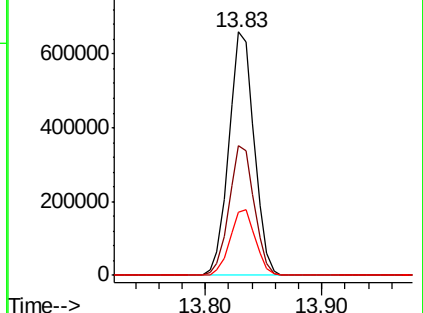
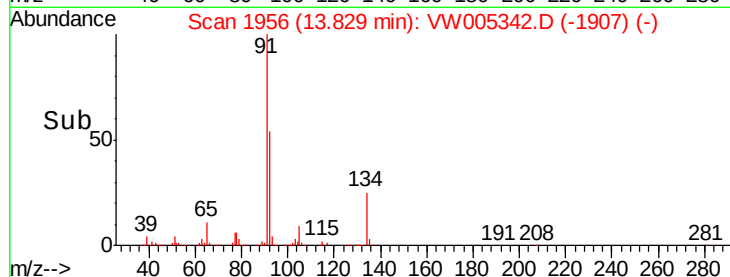


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 52.358 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: VW005342.D

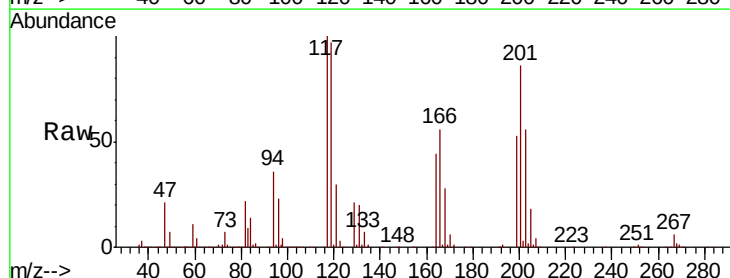
Acq: 12 Sep 2018 22:47

Tgt Ion: 117 Resp: 171018

Ion Ratio Lower Upper

117 100

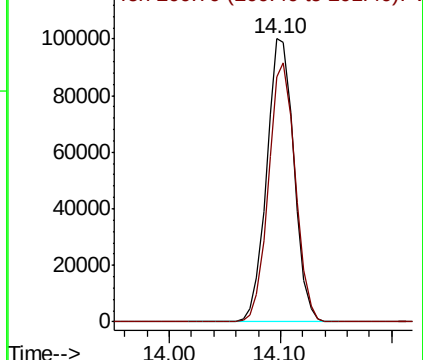
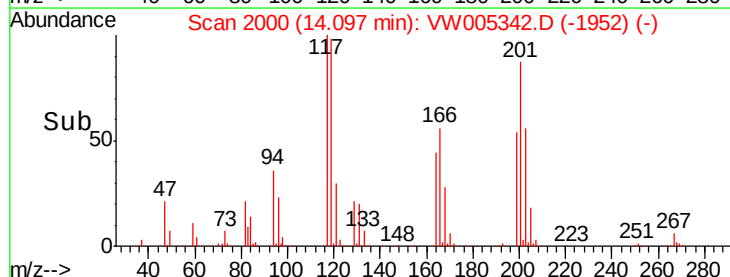
201 89.3 44.0 132.1

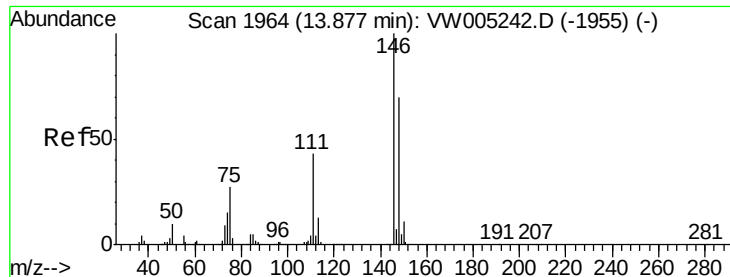


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

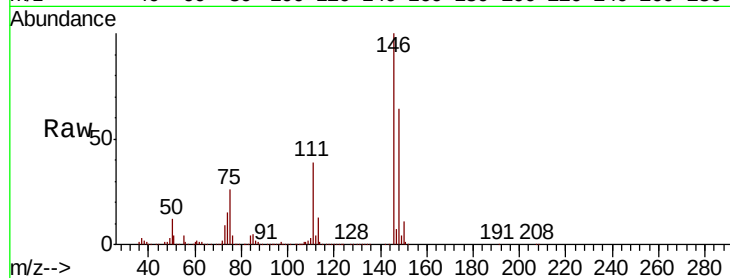




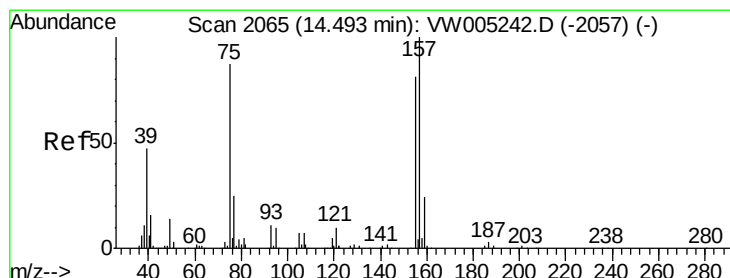
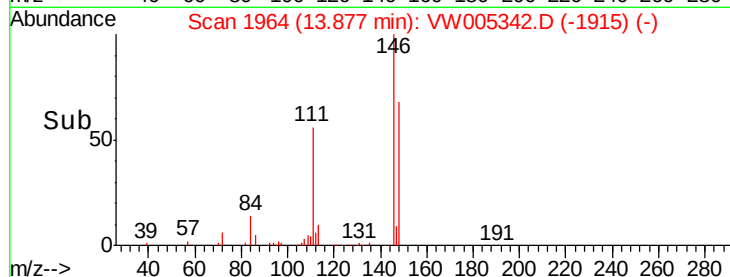
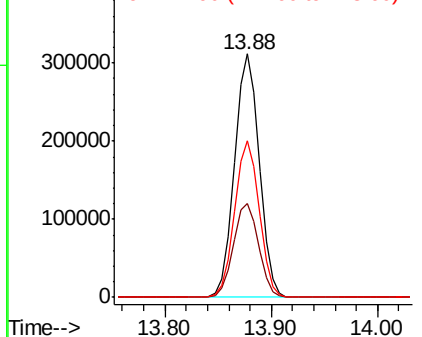
#91
 1,2-Dichlorobenzene
 Concen: 54.335 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005342.D
 Acq: 12 Sep 2018 22:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.5	61.5
148	63.9	32.7	98.1

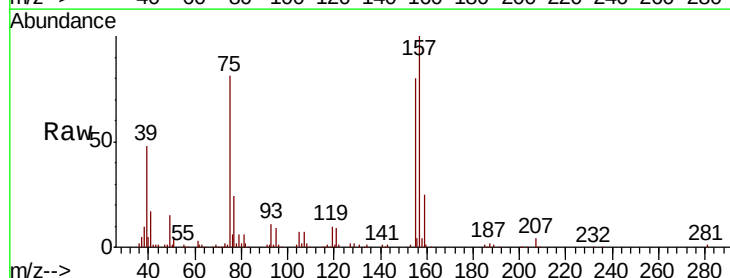


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

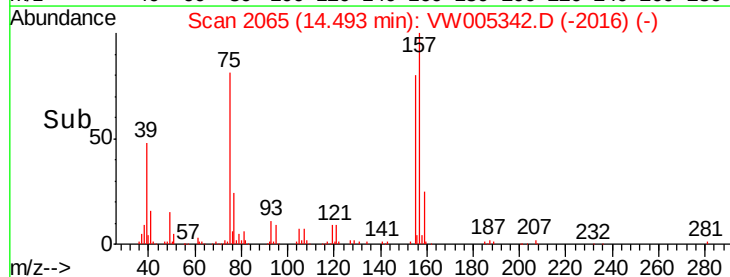
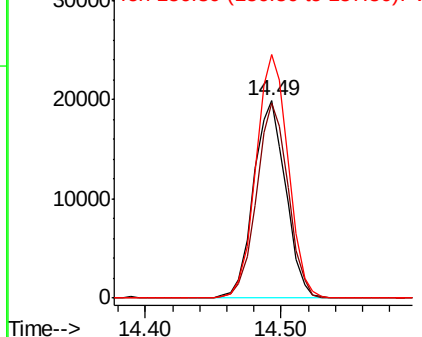


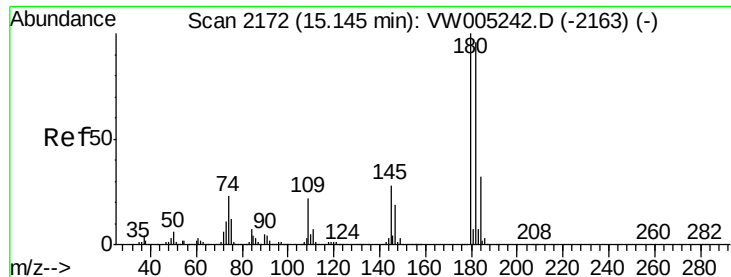
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 61.337 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005342.D
 Acq: 12 Sep 2018 22:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.0	47.4	142.2
157	123.0	59.4	178.2



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

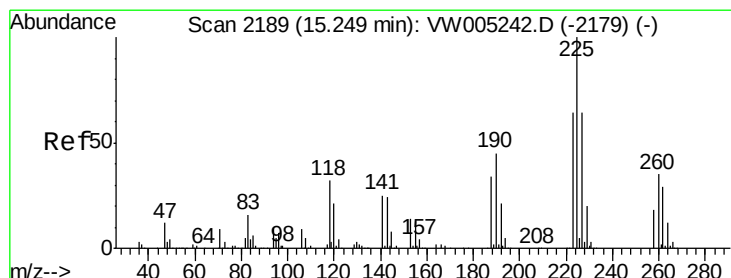
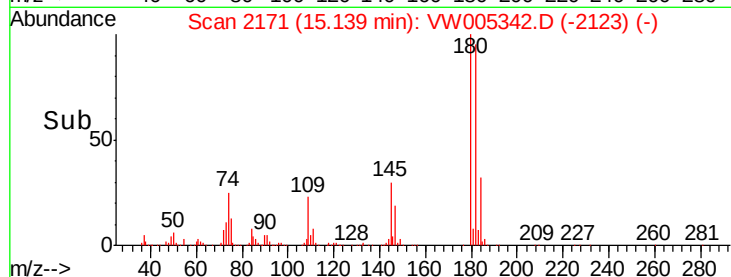
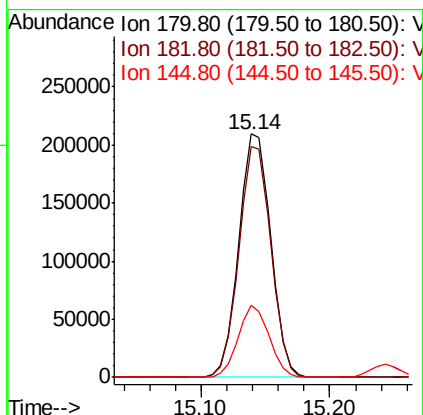
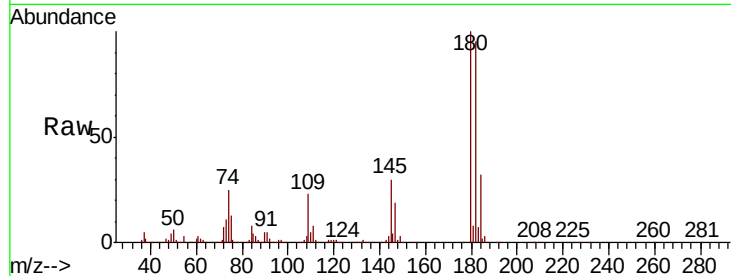




#93
 1,2,4-Trichlorobenzene
 Concen: 54.211 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW005342.D
 Acq: 12 Sep 2018 22:47

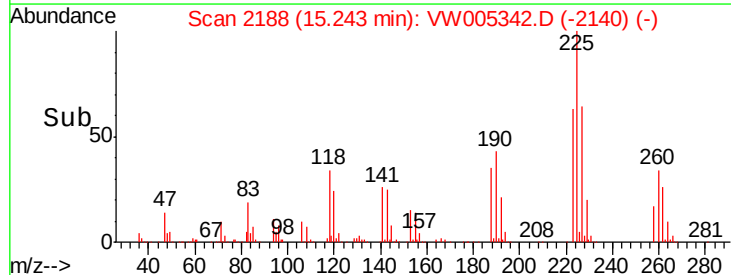
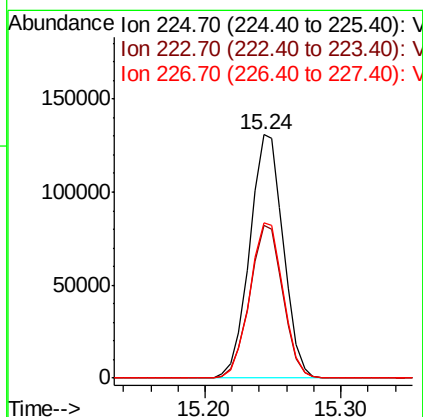
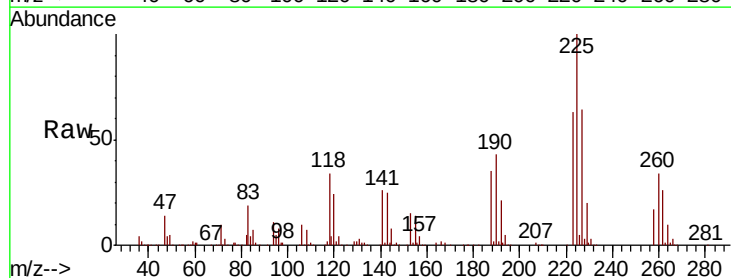
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

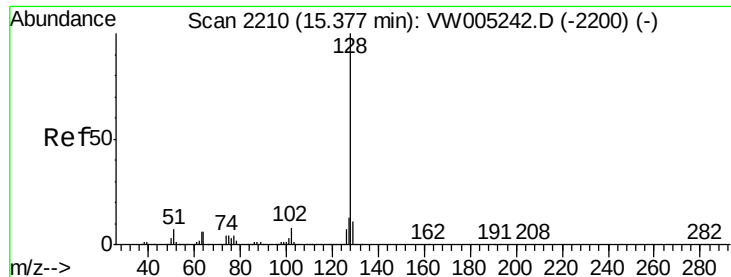
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.1	144.4
145	28.8	14.5	43.6



#94
 Hexachlorobutadiene
 Concen: 53.237 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.01 min
 Lab File: VW005342.D
 Acq: 12 Sep 2018 22:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.4	94.2
227	63.5	32.0	96.0

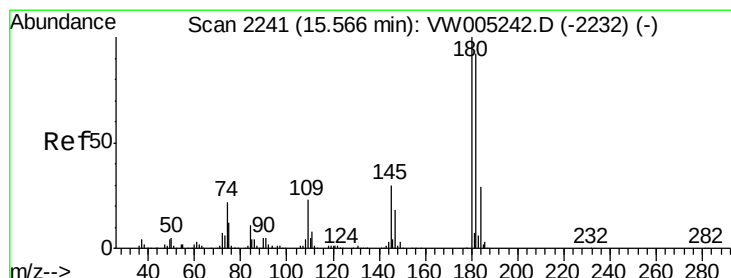
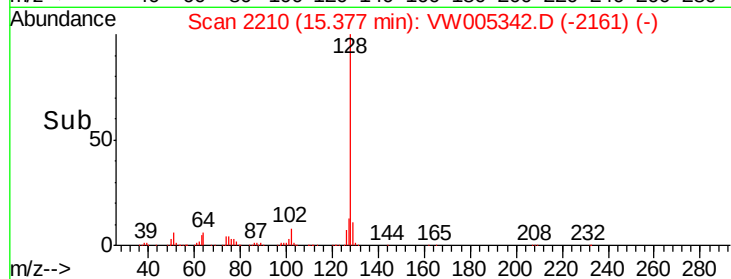
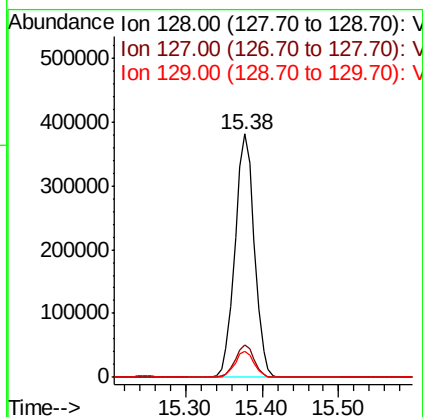
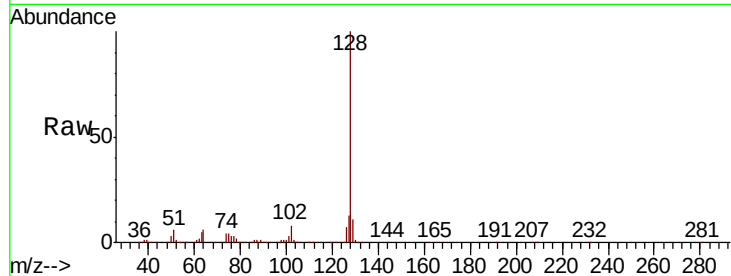




#95
Naphthalene
Concen: 62.023 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 665507
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 56.728 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005342.D
Acq: 12 Sep 2018 22:47

Tgt Ion:180 Resp: 323038
Ion Ratio Lower Upper
180 100
182 95.9 47.2 141.6
145 30.5 15.2 45.6

