

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020619\
 Data File : VW008517.D
 Acq On : 06 Feb 2019 10:15
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 07 01:56:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	603967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	905795	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	792474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	408511	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	268688	45.28	ug/l	0.00
Spiked Amount			Recovery	=	90.56%	
35) Dibromofluoromethane	7.88	113	265235	50.08	ug/l	0.00
Spiked Amount			Recovery	=	100.16%	
50) Toluene-d8	10.32	98	1009514	47.53	ug/l	0.00
Spiked Amount			Recovery	=	95.06%	
62) 4-Bromofluorobenzene	12.62	95	368165	45.10	ug/l	0.00
Spiked Amount			Recovery	=	90.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	161006	46.382	ug/l	98
3) Chloromethane	2.21	50	210002	42.597	ug/l	99
4) Vinyl Chloride	2.37	62	311404	49.620	ug/l	98
5) Bromomethane	2.78	94	227889	56.298	ug/l	96
6) Chloroethane	2.93	64	223903	58.337	ug/l	98
7) Trichlorofluoromethane	3.25	101	246921	45.686	ug/l	96
8) Diethyl Ether	3.67	74	146046	48.488	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	290779	53.231	ug/l	99
10) Methyl Iodide	4.26	142	438179	50.784	ug/l	100
11) Tert butyl alcohol	5.17	59	97209	203.491	ug/l	98
12) 1,1-Dichloroethene	4.03	96	274371	49.631	ug/l	97
13) Acrolein	3.89	56	86040	204.908	ug/l	99
14) Allyl chloride	4.65	41	478433	45.575	ug/l	97
15) Acrylonitrile	5.36	53	296868	228.255	ug/l	98
16) Acetone	4.12	43	357973	268.661	ug/l	97
17) Carbon Disulfide	4.37	76	768849	43.546	ug/l	98
18) Methyl Acetate	4.67	43	169710	47.753	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	443095	48.443	ug/l	99
20) Methylene Chloride	4.90	84	279577	45.524	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	301618	48.530	ug/l	94
22) Diisopropyl ether	6.31	45	896128	45.042	ug/l	96
23) Vinyl Acetate	6.25	43	2626725	223.593	ug/l	98
24) 1,1-Dichloroethane	6.21	63	537093	47.692	ug/l	98
25) 2-Butanone	7.17	43	447591	241.846	ug/l	97
26) 2,2-Dichloropropane	7.16	77	369172	48.498	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	332457	49.082	ug/l	97
28) Bromochloromethane	7.51	49	230970	44.653	ug/l	95
29) Tetrahydrofuran	7.52	42	262598	223.906	ug/l	98
30) Chloroform	7.67	83	540879	48.830	ug/l	97
31) Cyclohexane	7.95	56	488626	41.961	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	468896	49.010	ug/l	99
36) 1,1-Dichloropropene	8.08	75	437429	51.124	ug/l	99
37) Ethyl Acetate	7.25	43	180725	47.741	ug/l	98
38) Carbon Tetrachloride	8.06	117	457170	53.097	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	541951	48.216	ug/l	97
40) Benzene	8.32	78	1185904	49.949	ug/l	98
41) Methacrylonitrile	7.48	41	114704	51.174	ug/l	96
42) 1,2-Dichloroethane	8.40	62	344397	50.054	ug/l	100
43) Isopropyl Acetate	8.42	43	374068	47.564	ug/l	98
44) Trichloroethene	9.09	130	336393	52.102	ug/l	99
45) 1,2-Dichloropropane	9.37	63	297120	50.190	ug/l	99
46) Dibromomethane	9.45	93	153144	50.296	ug/l	98
47) Bromodichloromethane	9.64	83	402472	49.974	ug/l	97
48) Methyl methacrylate	9.43	41	180136	46.844	ug/l	100
49) 1,4-Dioxane	9.45	88	45030	874.930	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	918520	236.407	ug/l	100
52) Toluene	10.38	92	767351	48.961	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	416598	48.613	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	474080	48.747	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	212193	50.243	ug/l	97
56) Ethyl methacrylate	10.65	69	276164	46.667	ug/l	98
57) 1,3-Dichloropropane	10.93	76	373597	49.377	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	737550	256.512	ug/l	96
59) 2-Hexanone	10.97	43	728878	265.734	ug/l	99
60) Dibromochloromethane	11.13	129	277565	51.142	ug/l	98
61) 1,2-Dibromoethane	11.24	107	207008	49.433	ug/l	100
64) Tetrachloroethene	10.86	164	281157	52.400	ug/l	98
65) Chlorobenzene	11.66	112	837779	51.788	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	303345	52.410	ug/l	98
67) Ethyl Benzene	11.73	91	1511552	50.832	ug/l	100
68) m/p-Xylenes	11.84	106	1174732	101.818	ug/l	97
69) o-Xylene	12.16	106	552272	50.379	ug/l	99
70) Styrene	12.18	104	899120	49.654	ug/l	99
71) Bromoform	12.35	173	164072	50.383	ug/l	# 99
73) Isopropylbenzene	12.46	105	1556872	51.120	ug/l	99
74) N-amyl acetate	12.27	43	368401	46.955	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	243207	50.440	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	177495m	49.974	ug/l	
77) Bromobenzene	12.75	156	348891	52.456	ug/l	93
78) n-propylbenzene	12.80	91	1866466	51.026	ug/l	99
79) 2-Chlorotoluene	12.90	91	1032928	50.042	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	1290737	50.706	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	85984	47.815	ug/l	97
82) 4-Chlorotoluene	12.99	91	1081179	49.197	ug/l	98
83) tert-Butylbenzene	13.21	119	1180967	52.134	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	1319883	51.013	ug/l	100
85) sec-Butylbenzene	13.38	105	1671491	51.668	ug/l	100
86) p-Isopropyltoluene	13.50	119	1499974	52.933	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	705694	52.536	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	691091	51.770	ug/l	99
89) n-Butylbenzene	13.83	91	1434120	51.544	ug/l	99
90) Hexachloroethane	14.10	117	286871	51.766	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	613112	51.585	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	42253	46.185	ug/l	96

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Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration

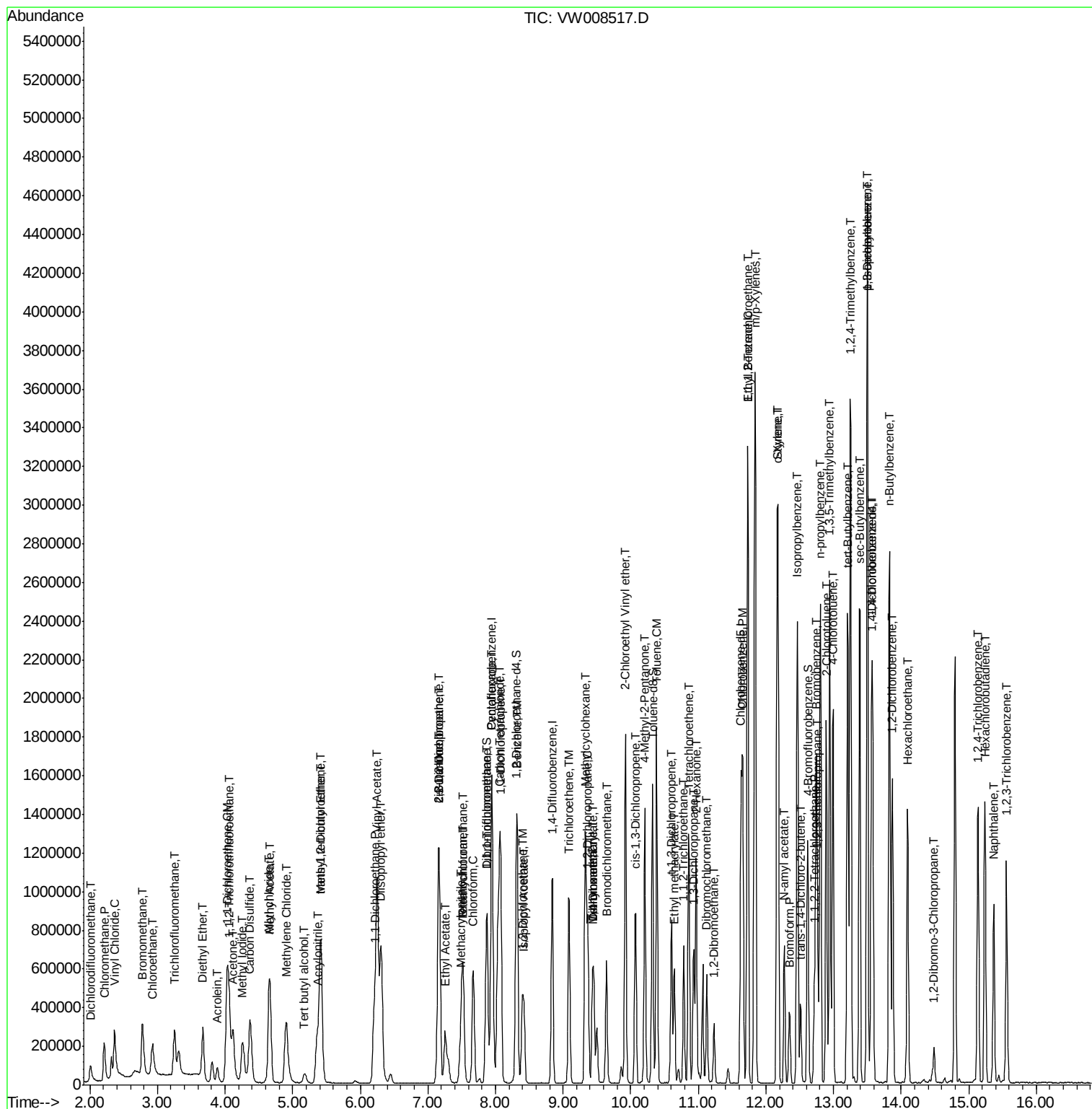
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	457093	53.893	ug/l	99
94) Hexachlorobutadiene	15.24	225	280937	54.962	ug/l	100
95) Naphthalene	15.37	128	782186	52.522	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	385221	53.542	ug/l	99

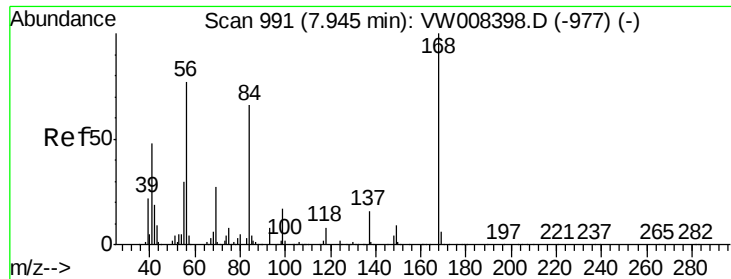
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008517.D

Acq: 06 Feb 2019 10:15

Instrument :

MSVOA_W

ClientSampleId :

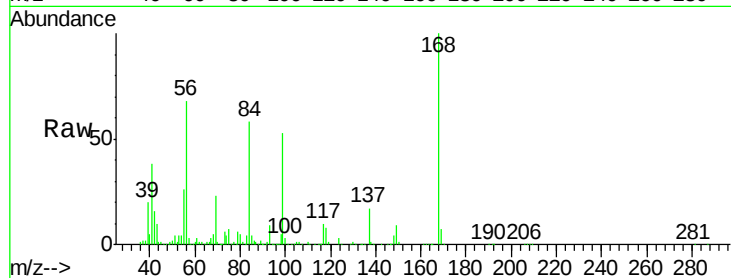
VSTDCCC050

Tot Ion:168 Resp: 603967

Ion Ratio Lower Upper

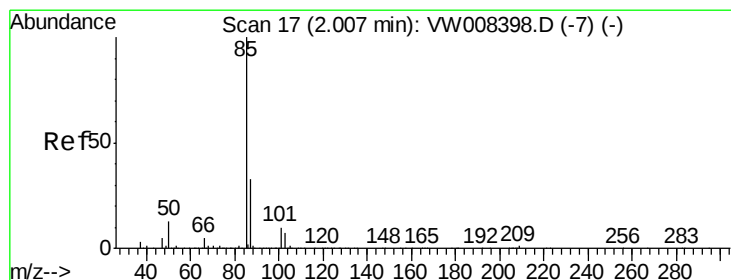
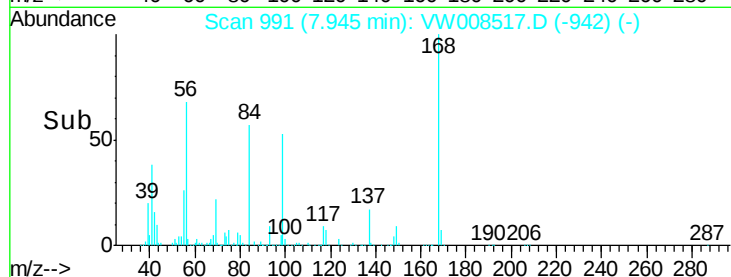
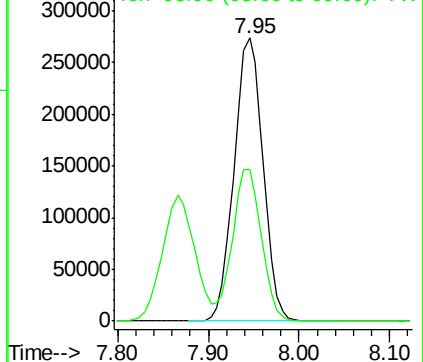
168 100

99 53.4 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 46.382 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW008517.D

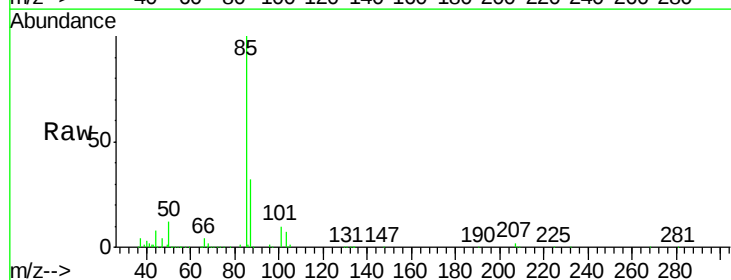
Acq: 06 Feb 2019 10:15

Tgt Ion: 85 Resp: 161006

Ion Ratio Lower Upper

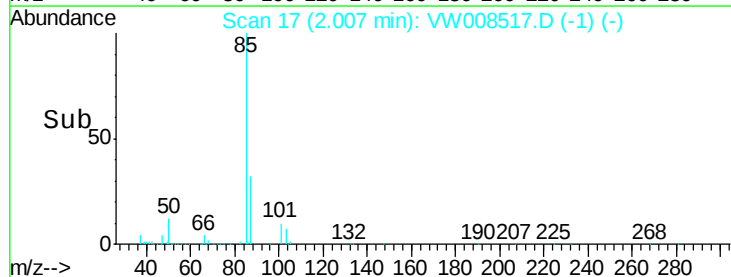
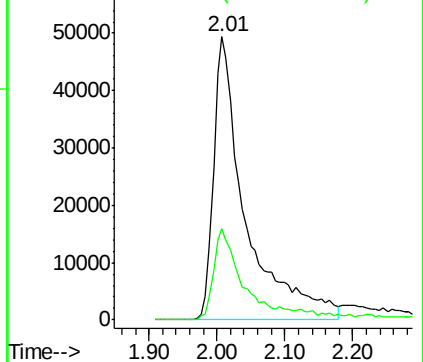
85 100

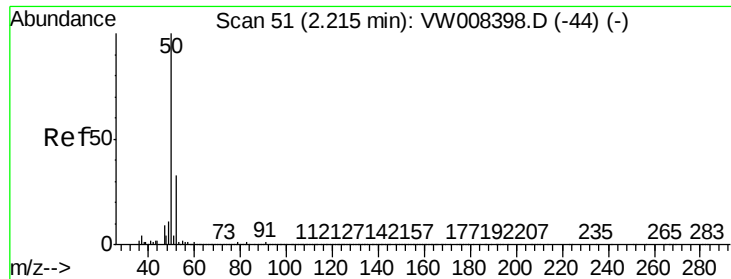
87 32.1 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 42.597 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008517.D

Acq: 06 Feb 2019 10:15

Instrument :

MSVOA_W

ClientSampleId :

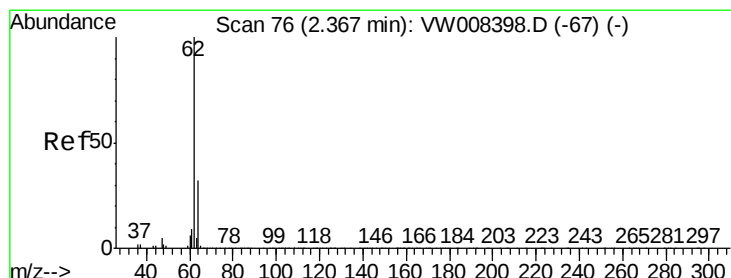
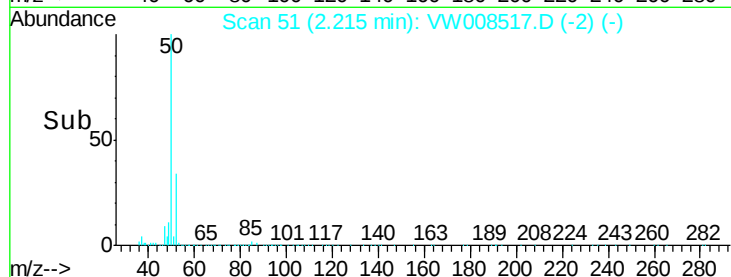
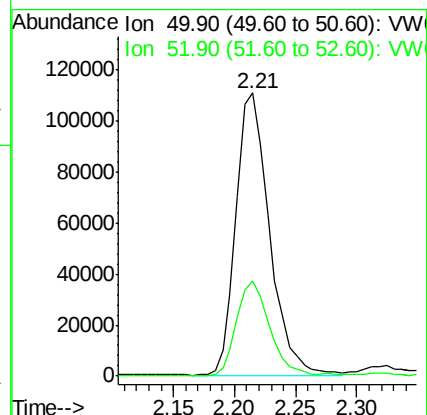
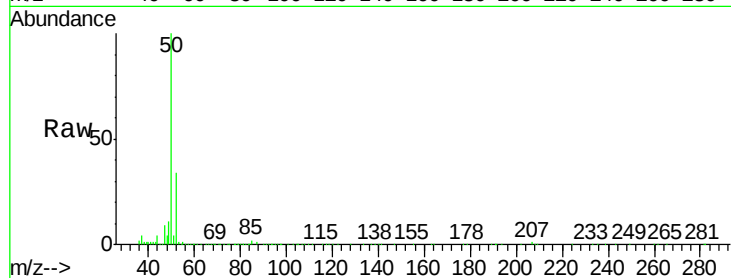
VSTDCCC050

Tot Ion: 50 Resp: 210002

Ion Ratio Lower Upper

50 100

52 33.6 26.3 39.5



#4

Vinyl Chloride

Concen: 49.620 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW008517.D

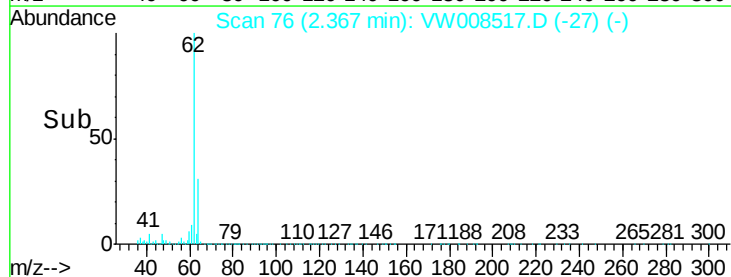
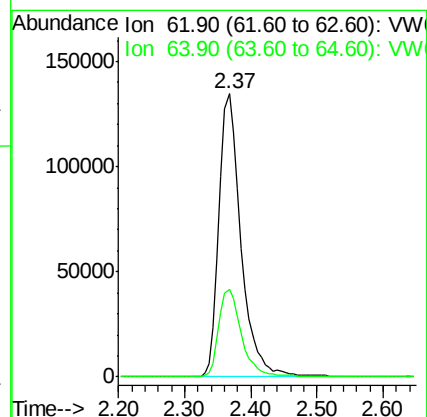
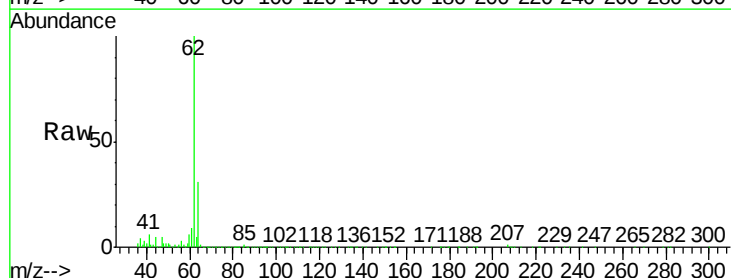
Acq: 06 Feb 2019 10:15

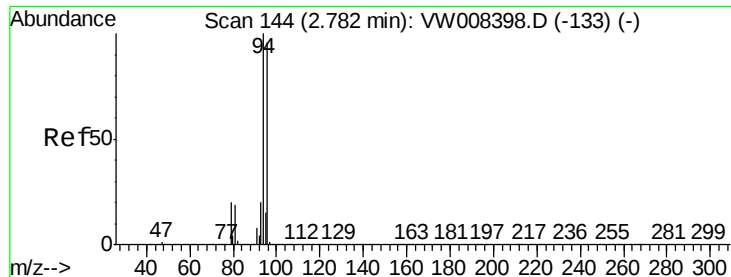
Tgt Ion: 62 Resp: 311404

Ion Ratio Lower Upper

62 100

64 30.7 25.5 38.3





#5

Bromomethane

Concen: 56.298 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW008517.D

Acq: 06 Feb 2019 10:15

Instrument :

MSVOA_W

ClientSampleId :

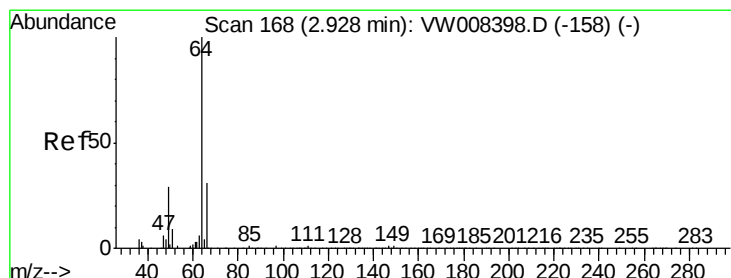
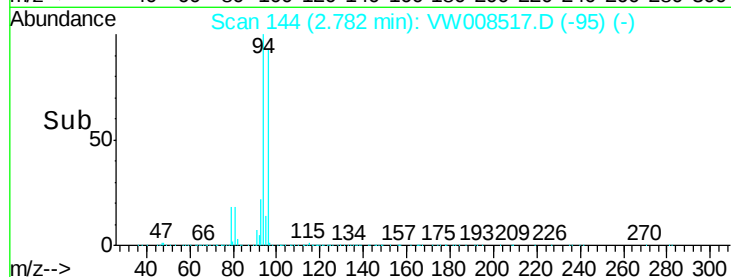
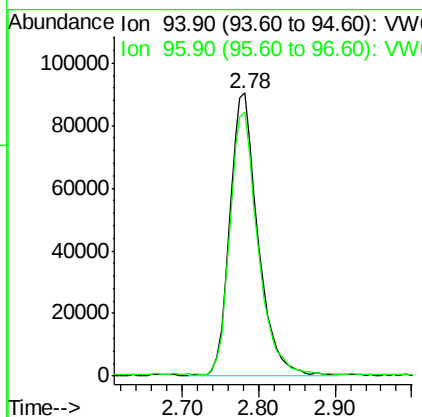
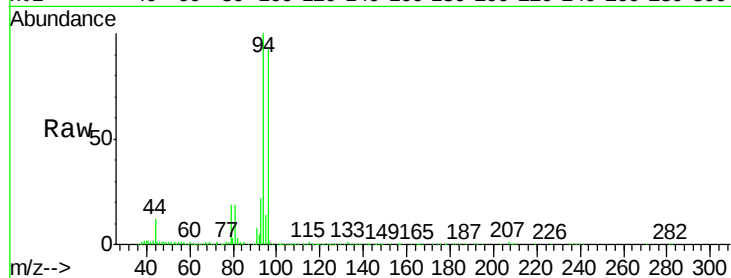
VSTDCCC050

Tot Ion: 94 Resp: 227889

Ion Ratio Lower Upper

94 100

96 92.8 77.2 115.8



#6

Chloroethane

Concen: 58.337 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW008517.D

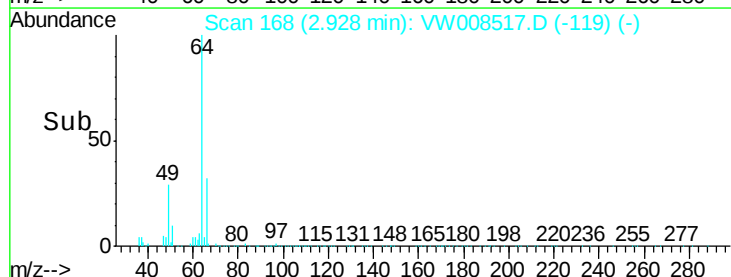
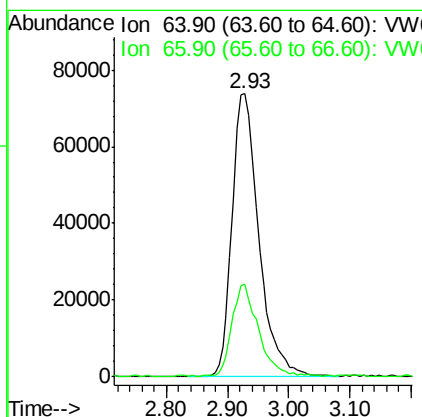
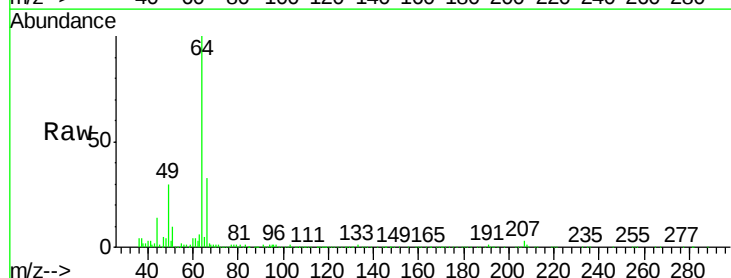
Acq: 06 Feb 2019 10:15

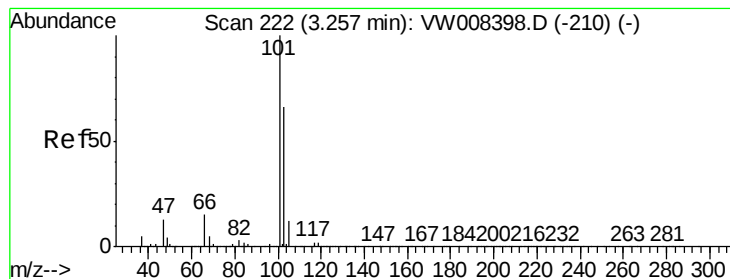
Tgt Ion: 64 Resp: 223903

Ion Ratio Lower Upper

64 100

66 32.2 24.9 37.3



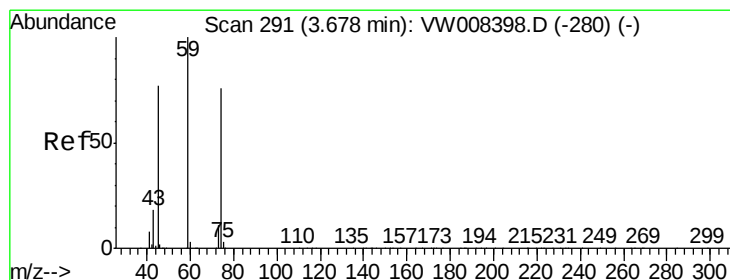
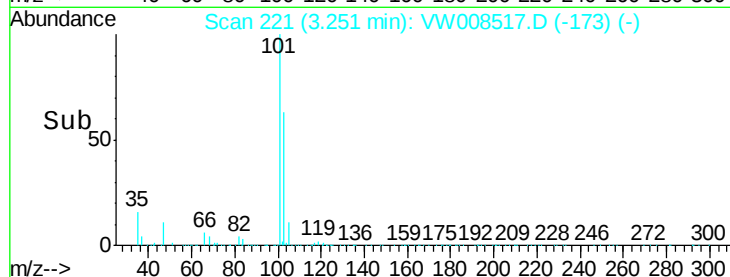
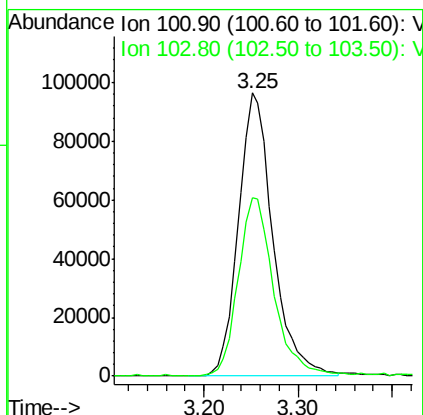
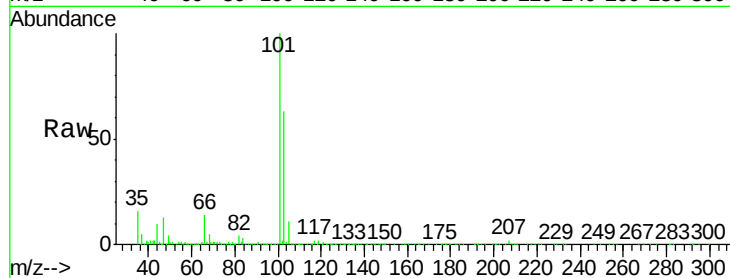


#7

Trichlorofluoromethane
Concen: 45.686 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW008517.D
Acq: 06 Feb 2019 10:15

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

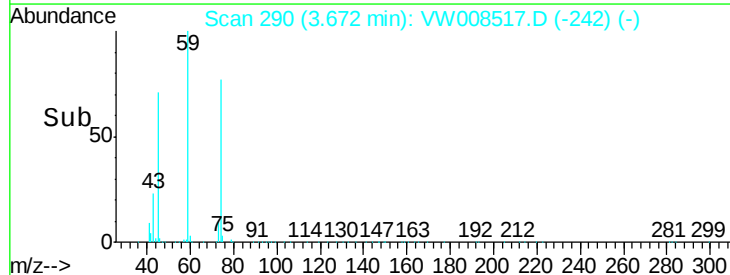
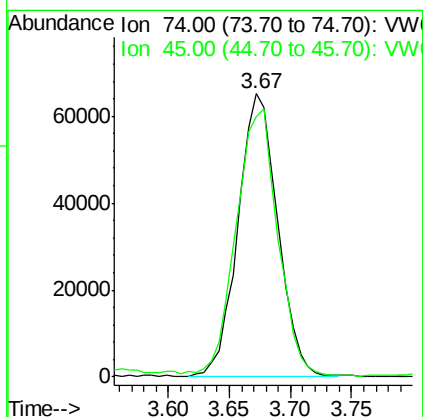
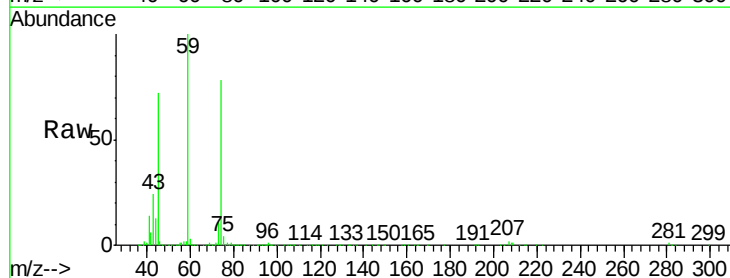
Tot Ion:101 Resp: 246921
Ion Ratio Lower Upper
101 100
103 62.5 52.5 78.7

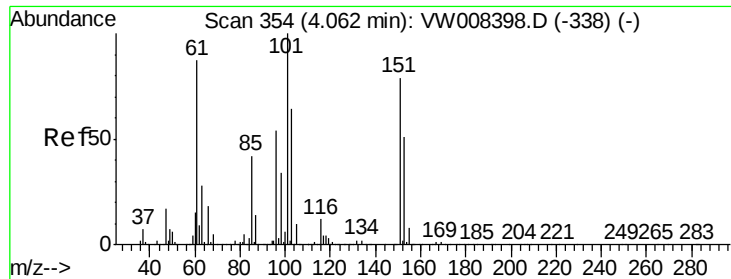


#8

Diethyl Ether
Concen: 48.488 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW008517.D
Acq: 06 Feb 2019 10:15

Tgt Ion: 74 Resp: 146046
Ion Ratio Lower Upper
74 100
45 99.9 51.7 155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.231 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW008517.D

Acq: 06 Feb 2019 10:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

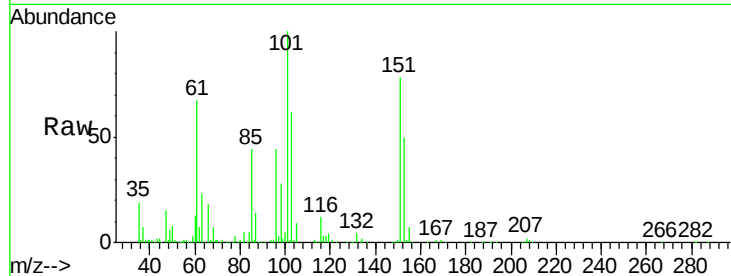
Tot Ion:101 Resp: 290779

Ion Ratio Lower Upper

101 100

85 43.8 35.0 52.4

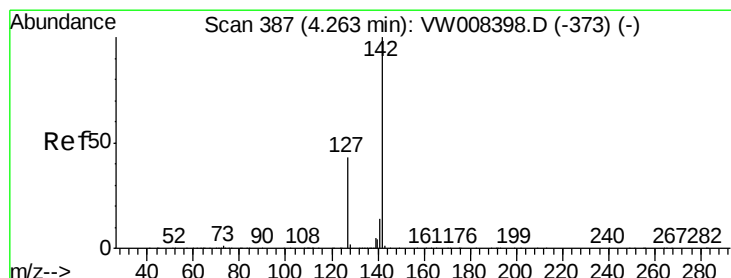
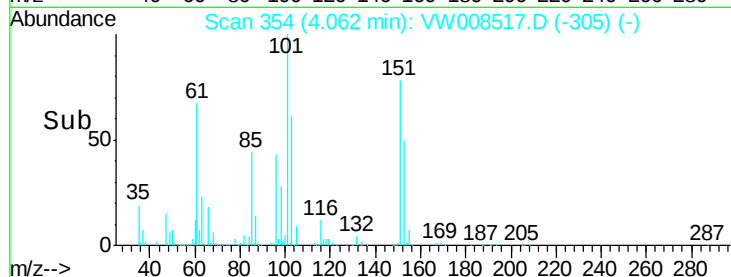
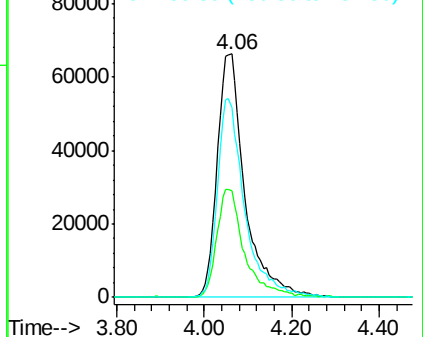
151 80.1 62.6 94.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.784 ug/l

RT: 4.26 min Scan# 387

Delta R.T. 0.00 min

Lab File: VW008517.D

Acq: 06 Feb 2019 10:15

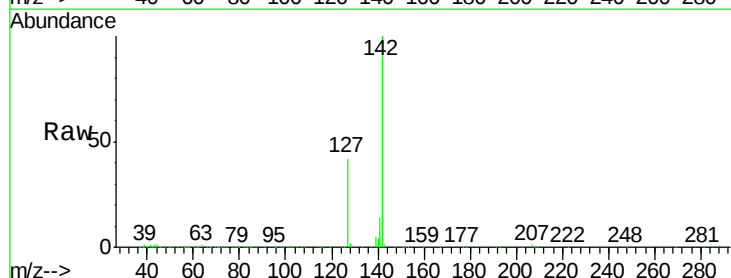
Tgt Ion:142 Resp: 438179

Ion Ratio Lower Upper

142 100

127 43.5 34.6 52.0

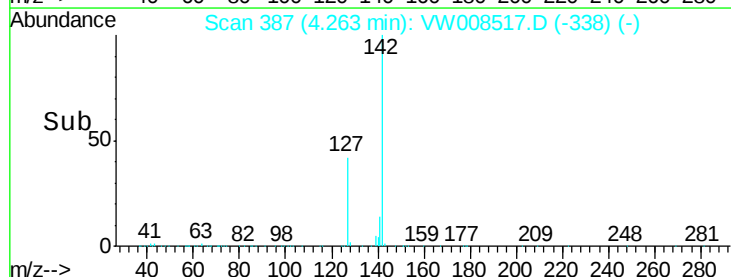
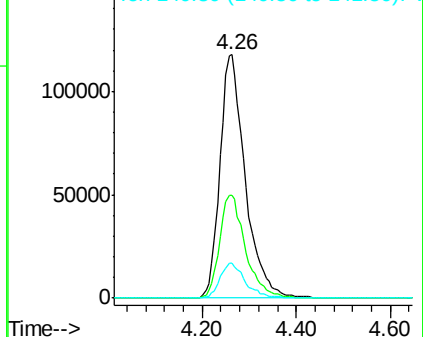
141 14.5 11.4 17.2

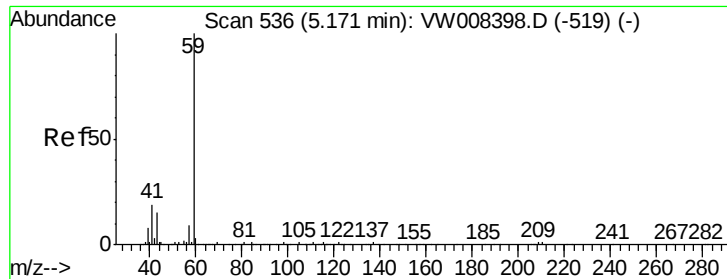


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

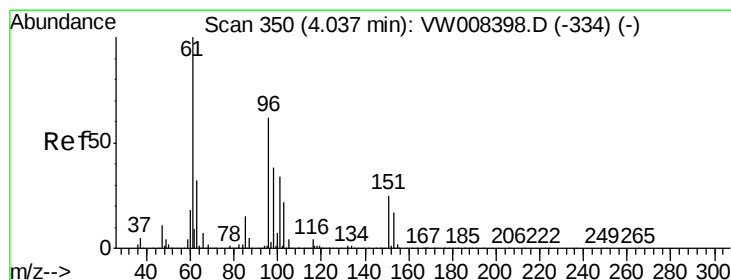
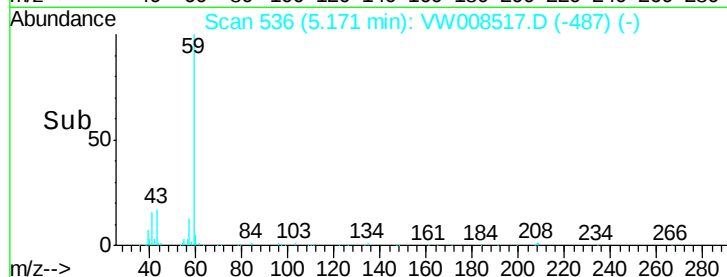
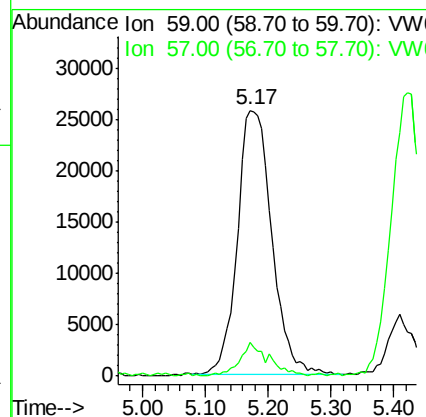
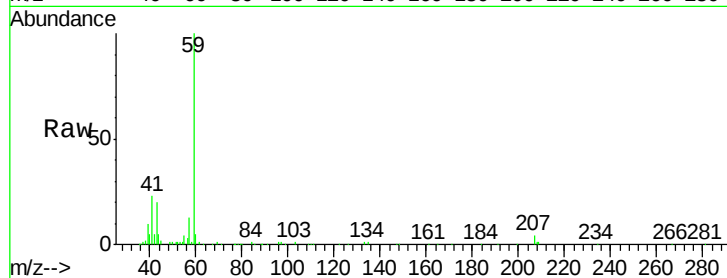




#11
Tert butyl alcohol
Concen: 203.491 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.00 min
Lab File: VW008517.D
Acq: 06 Feb 2019 10:15

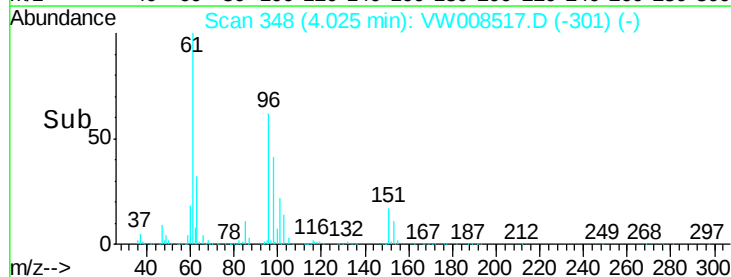
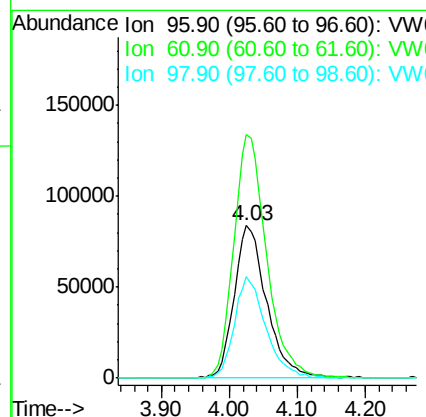
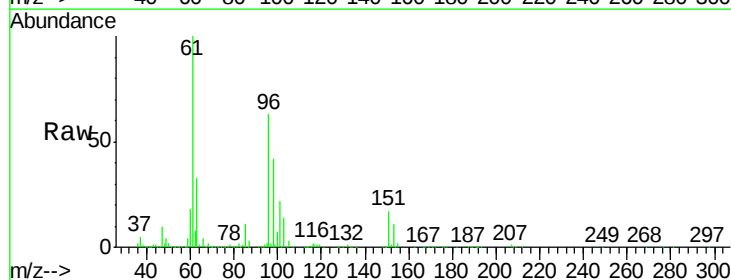
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

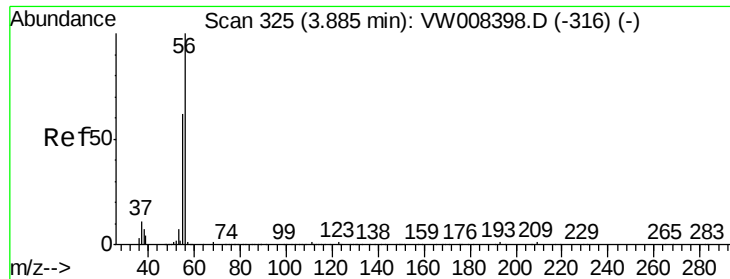
Tot Ion: 59 Resp: 97209
Ion Ratio Lower Upper
59 100
57 11.0 9.3 13.9



#12
1,1-Dichloroethene
Concen: 49.631 ug/l
RT: 4.03 min Scan# 348
Delta R.T. -0.01 min
Lab File: VW008517.D
Acq: 06 Feb 2019 10:15

Tgt Ion: 96 Resp: 274371
Ion Ratio Lower Upper
96 100
61 160.2 129.5 194.3
98 66.5 48.6 73.0





#13

Acrolein

Concen: 204.908 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW008517.D

Acq: 06 Feb 2019 10:15

Instrument :

MSVOA_W

ClientSampleId :

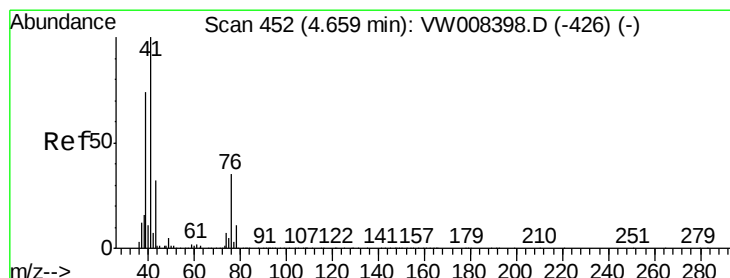
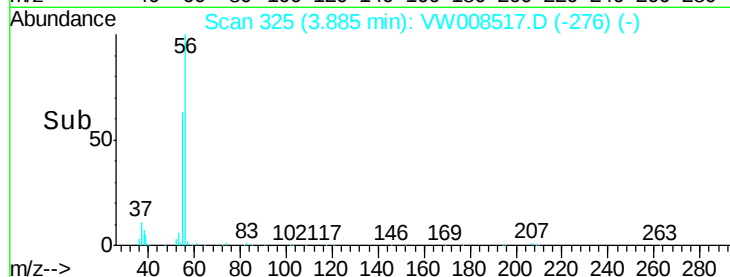
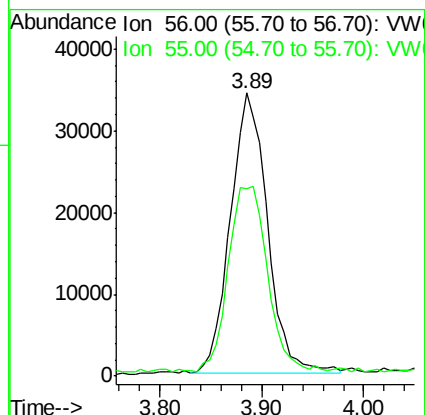
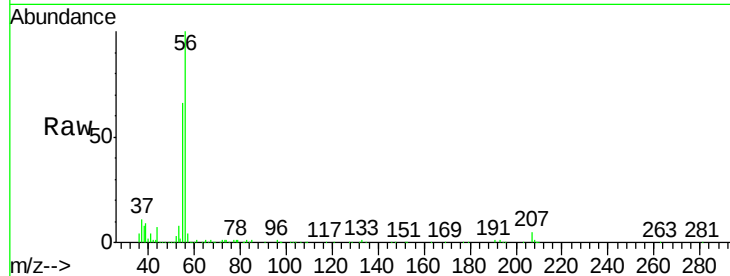
VSTDCCC050

Tot Ion: 56 Resp: 86040

Ion Ratio Lower Upper

56 100

55 70.2 56.7 85.1



#14

Allyl chloride

Concen: 45.575 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.01 min

Lab File: VW008517.D

Acq: 06 Feb 2019 10:15

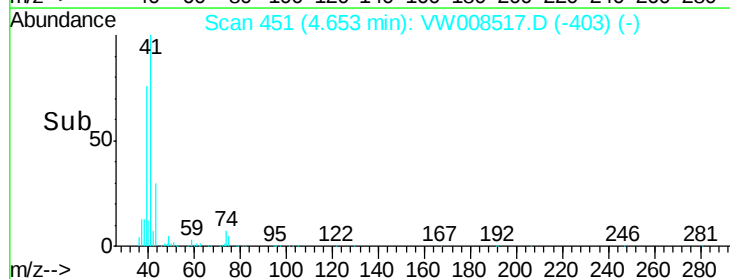
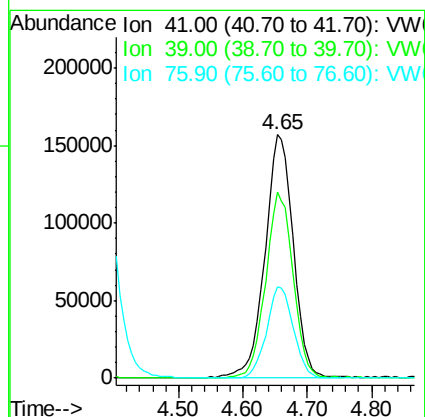
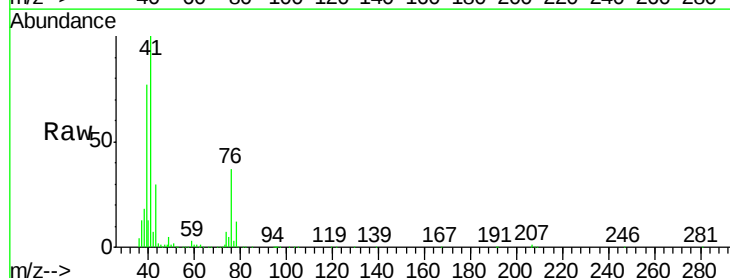
Tgt Ion: 41 Resp: 478433

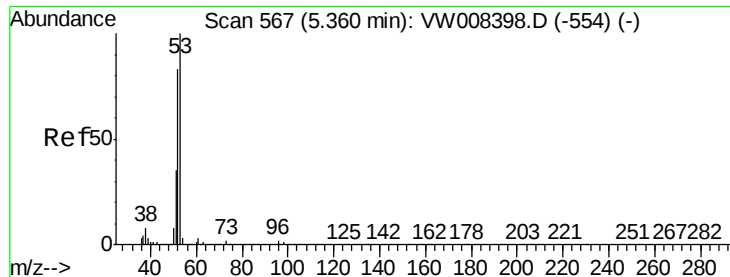
Ion Ratio Lower Upper

41 100

39 74.0 57.7 86.5

76 35.7 26.9 40.3





#15

Acrylonitrile

Concen: 228.255 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW008517.D

Acq: 06 Feb 2019 10:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

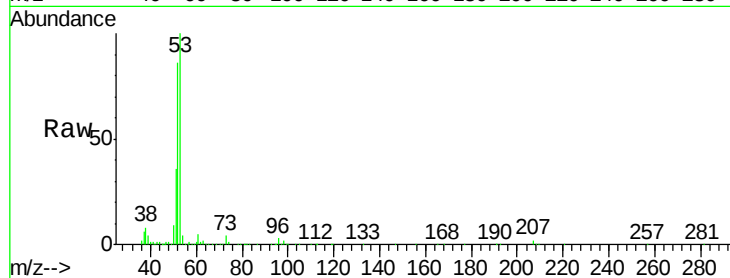
Tot Ion: 53 Resp: 296868

Ion Ratio Lower Upper

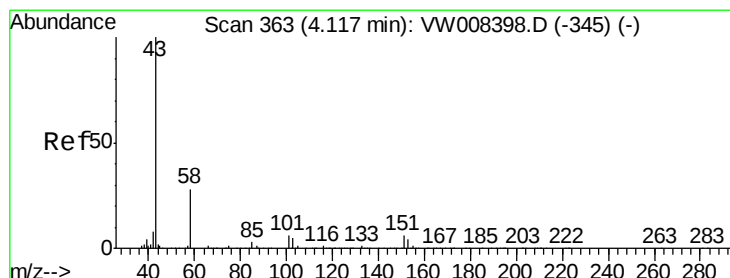
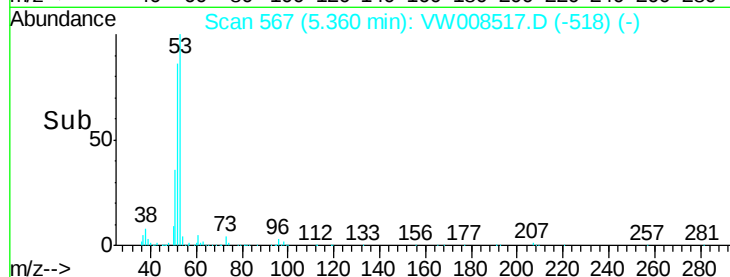
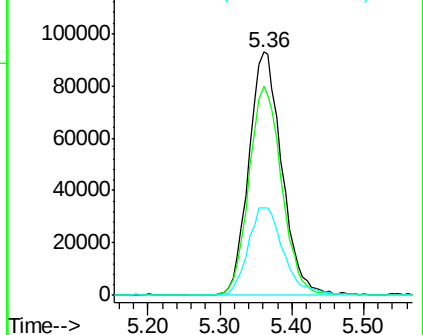
53 100

52 85.2 67.0 100.4

51 38.8 29.8 44.8



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: 268.661 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008517.D

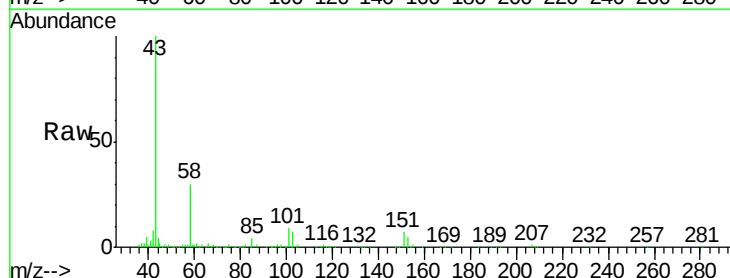
Acq: 06 Feb 2019 10:15

Tgt Ion: 43 Resp: 357973

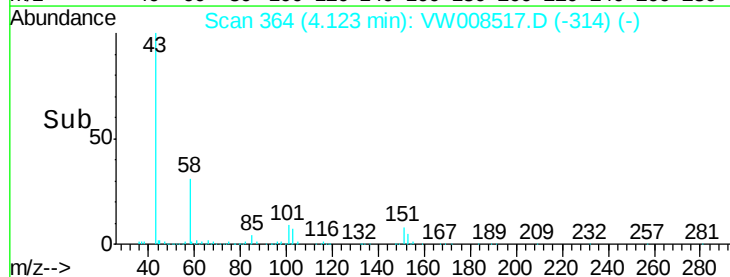
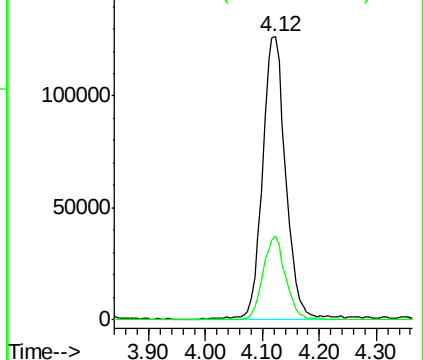
Ion Ratio Lower Upper

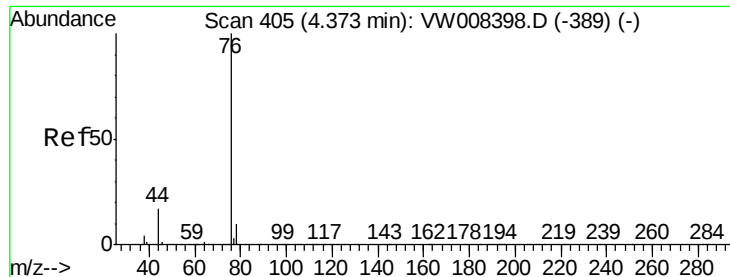
43 100

58 29.6 22.6 34.0



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





#17

Carbon Disulfide

Concen: 43.546 ug/l

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW008517.D

Acq: 06 Feb 2019 10:15

Instrument :

MSVOA_W

ClientSampleId :

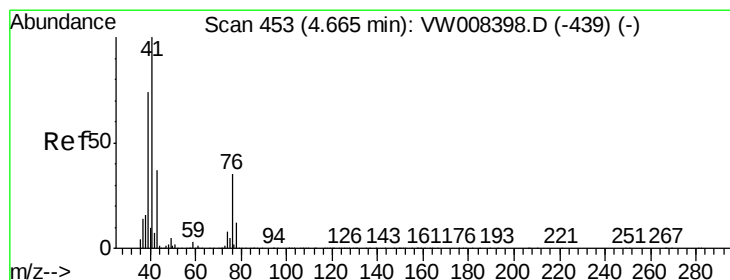
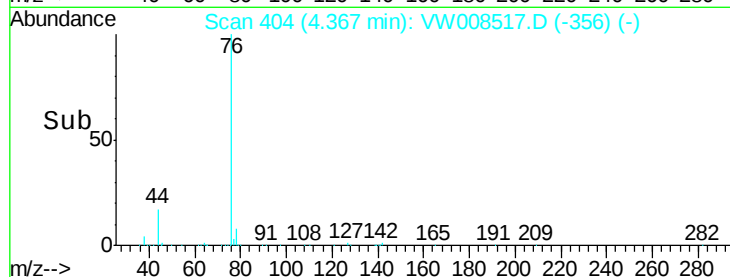
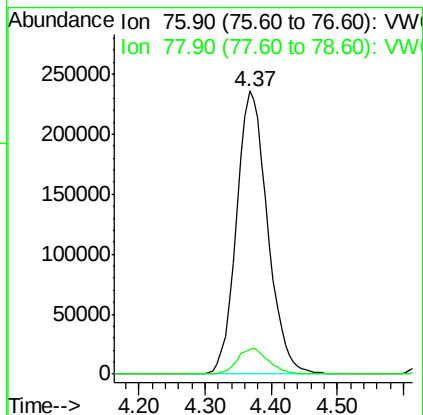
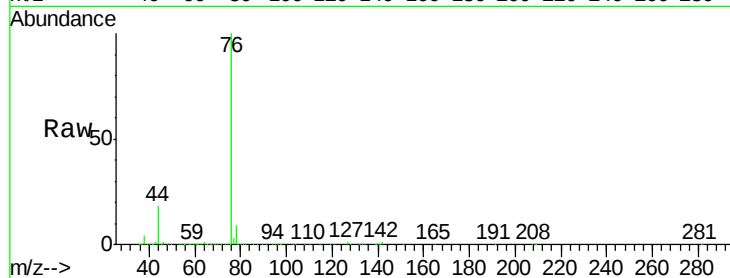
VSTDCCC050

Tot Ion: 76 Resp: 768849

Ion Ratio Lower Upper

76 100

78 8.8 7.7 11.5



#18

Methyl Acetate

Concen: 47.753 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW008517.D

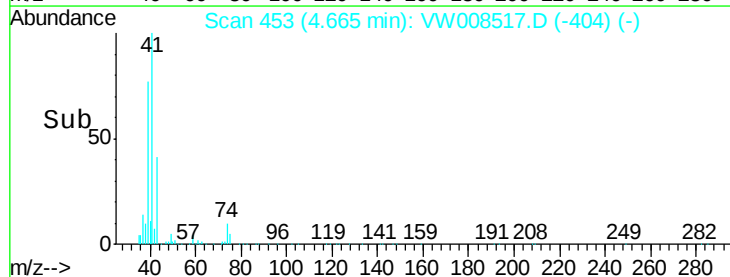
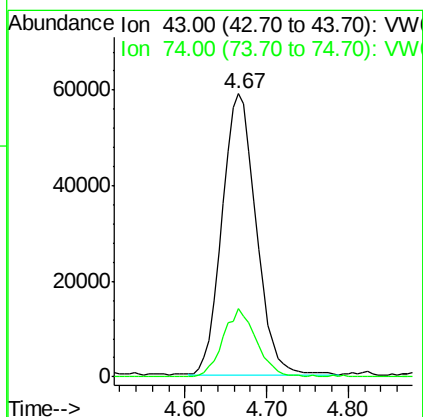
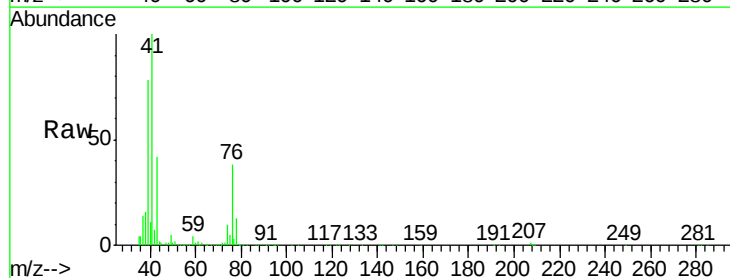
Acq: 06 Feb 2019 10:15

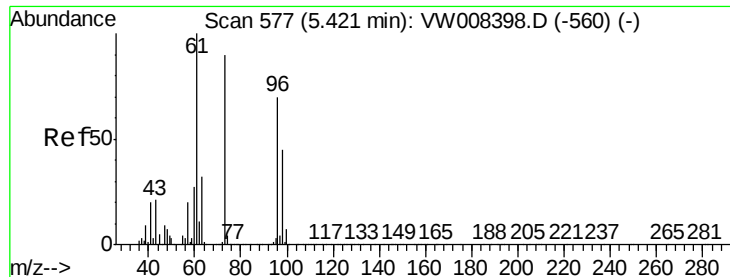
Tgt Ion: 43 Resp: 169710

Ion Ratio Lower Upper

43 100

74 23.8 17.5 26.3

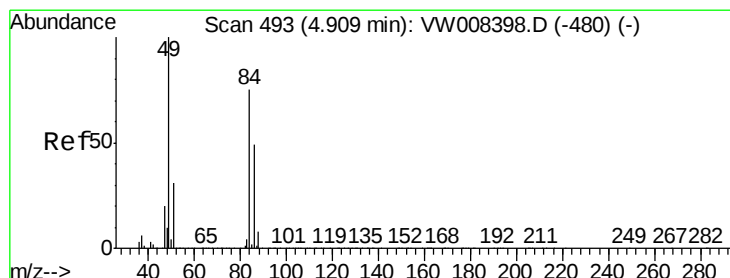
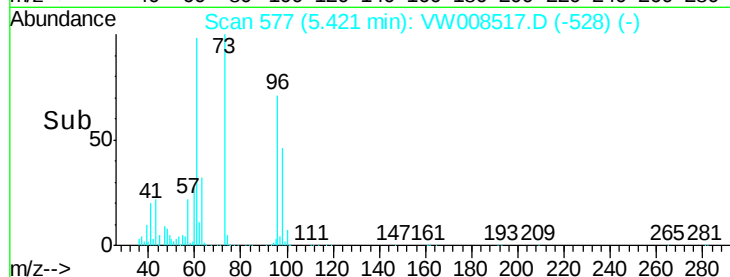
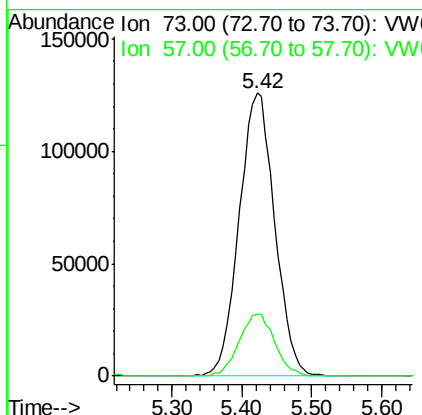
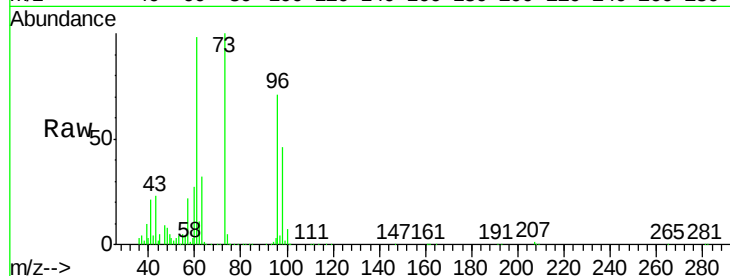




#19
Methvl tert-butvl Ether
Concen: 48.443 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW008517.D
Acq: 06 Feb 2019 10:15

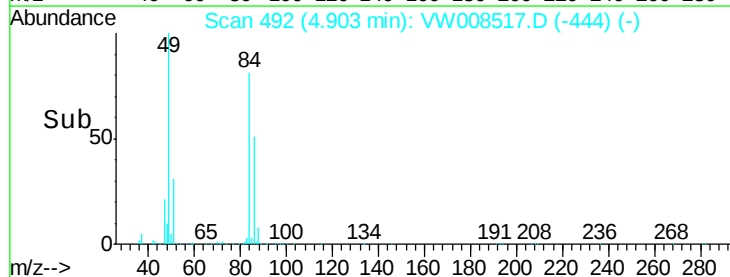
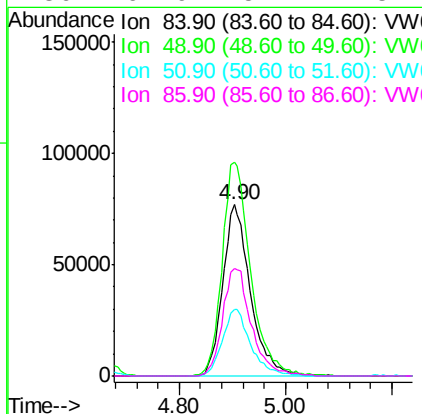
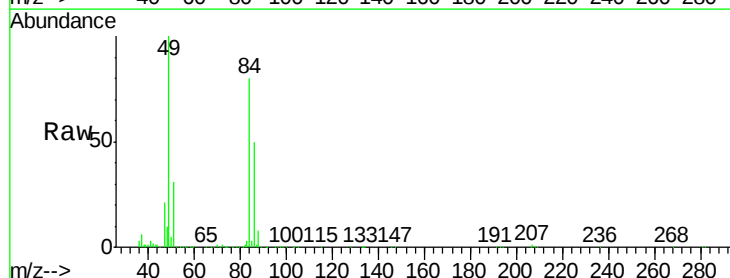
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

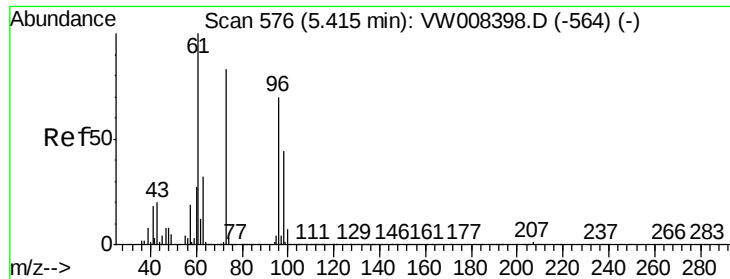
Tot Ion: 73 Resp: 443095
Ion Ratio Lower Upper
73 100
57 21.8 18.0 27.0



#20
Methylene Chloride
Concen: 45.524 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008517.D
Acq: 06 Feb 2019 10:15

Tgt Ion: 84 Resp: 279577
Ion Ratio Lower Upper
84 100
49 124.8 106.8 160.2
51 38.6 32.9 49.3
86 62.9 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 48.530 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW008517.D

Acq: 06 Feb 2019 10:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

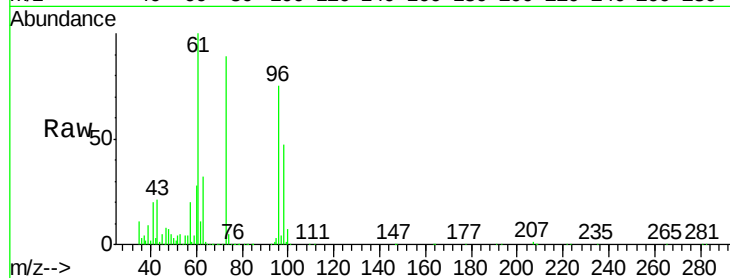
Tot Ion: 96 Resp: 301618

Ion Ratio Lower Upper

96 100

61 133.1 114.4 171.6

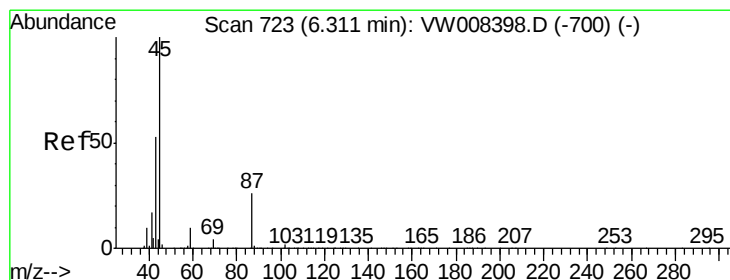
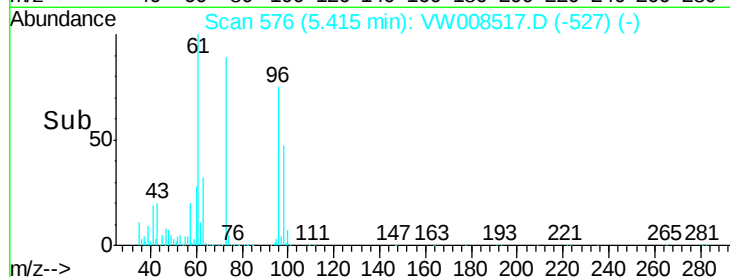
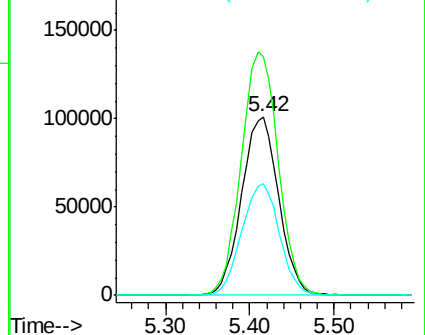
98 62.6 50.6 75.8



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 45.042 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW008517.D

Acq: 06 Feb 2019 10:15

Tgt Ion: 45 Resp: 896128

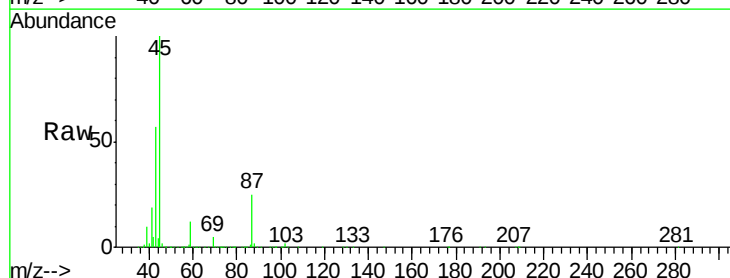
Ion Ratio Lower Upper

45 100

43 57.1 42.6 63.8

87 25.1 20.3 30.5

59 11.4 8.4 12.6

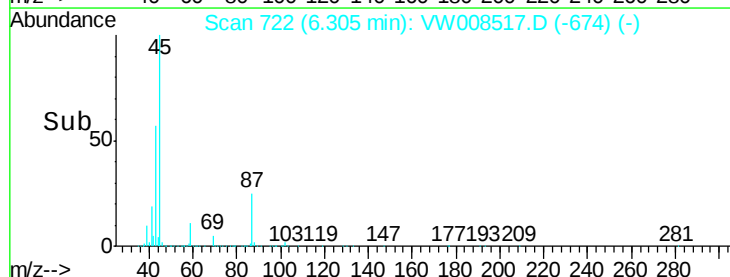
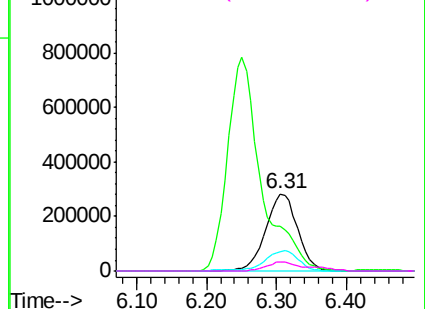


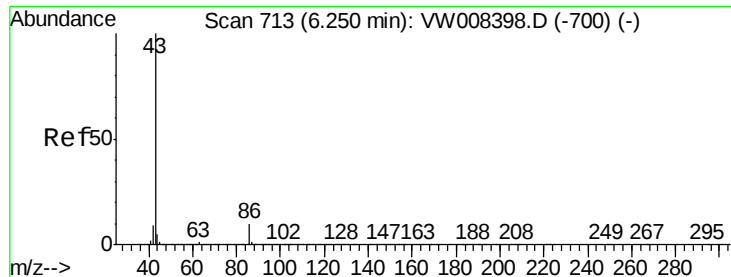
Abundance Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 223.593 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW008517.D

Acq: 06 Feb 2019 10:15

Instrument :

MSVOA_W

ClientSampleId :

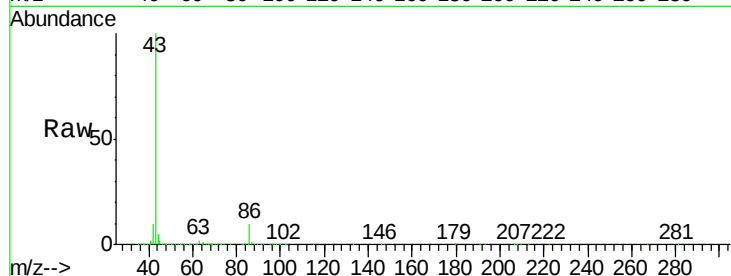
VSTDCCC050

Tot Ion: 43 Resp: 2626725

Ion Ratio Lower Upper

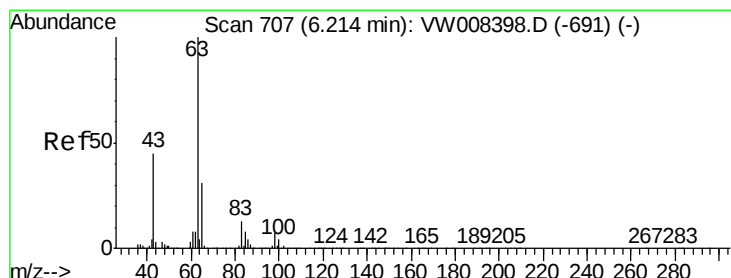
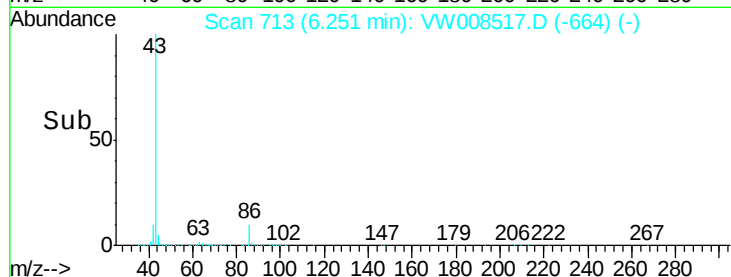
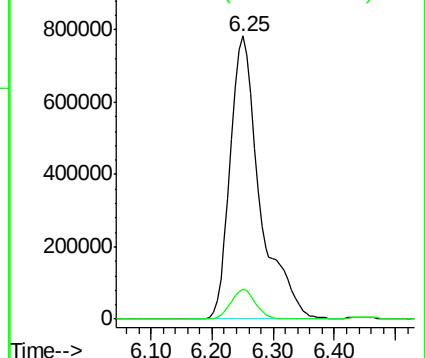
43 100

86 10.4 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 47.692 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW008517.D

Acq: 06 Feb 2019 10:15

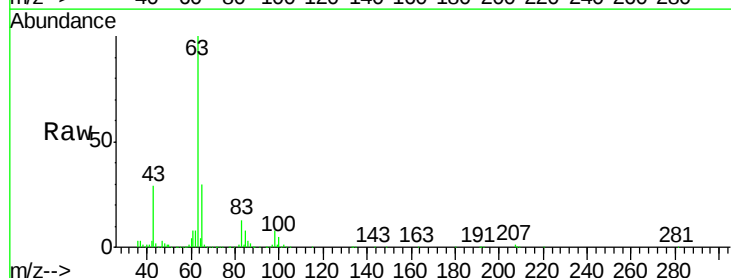
Tgt Ion: 63 Resp: 537093

Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.5

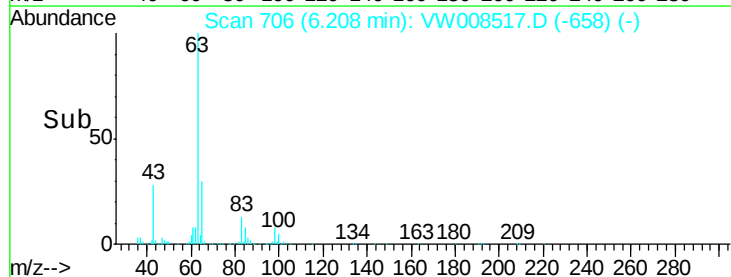
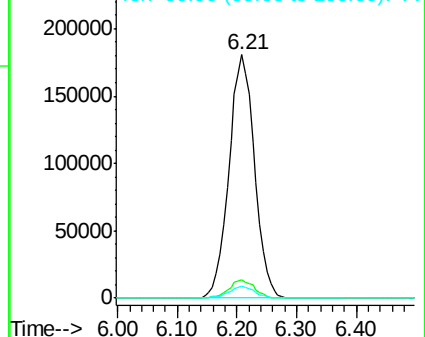
100 4.8 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 241.846 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008517.D

Acq: 06 Feb 2019 10:15

Instrument :

MSVOA_W

ClientSampleId :

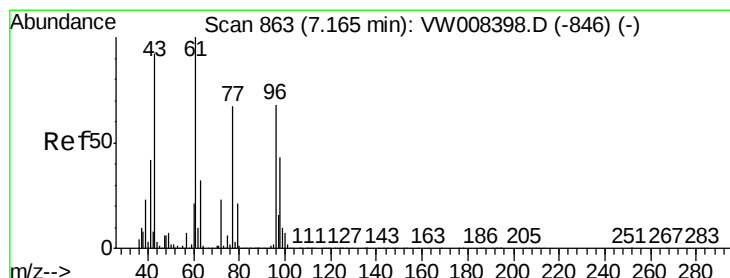
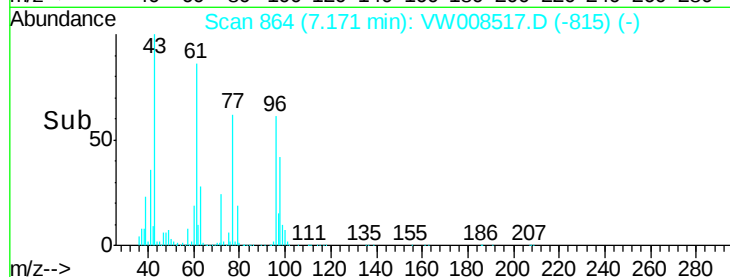
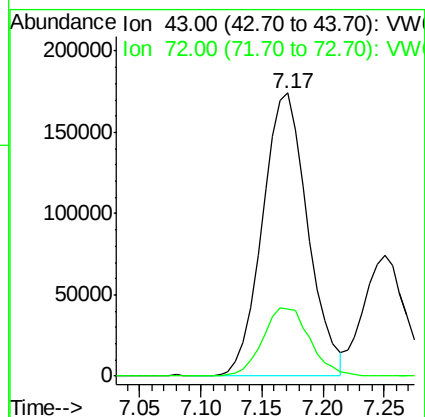
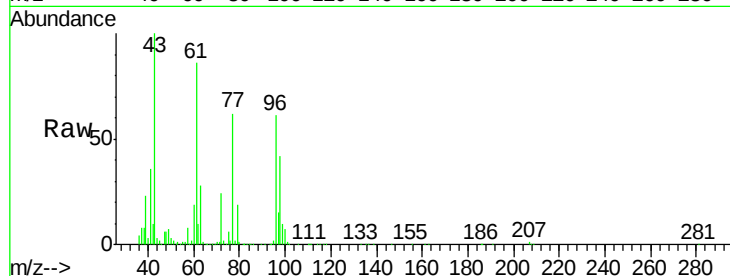
VSTDCCC050

Tot Ion: 43 Resp: 447591

Ion Ratio Lower Upper

43 100

72 23.6 20.1 30.1



#26

2,2-Dichloropropane

Concen: 48.498 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008517.D

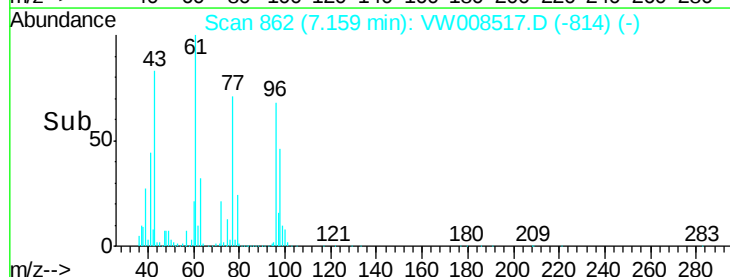
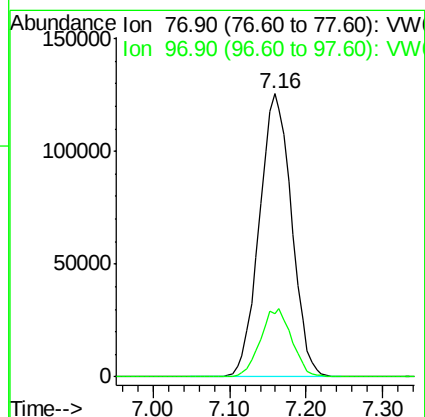
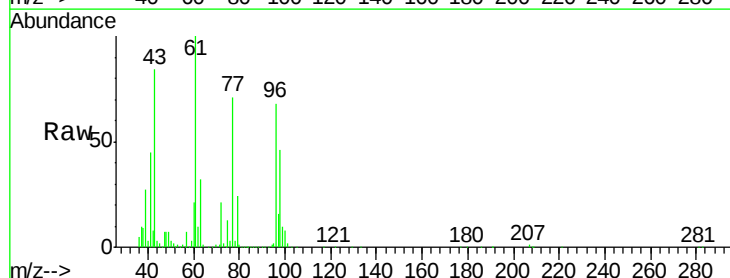
Acq: 06 Feb 2019 10:15

Tgt Ion: 77 Resp: 369172

Ion Ratio Lower Upper

77 100

97 23.6 11.5 34.5



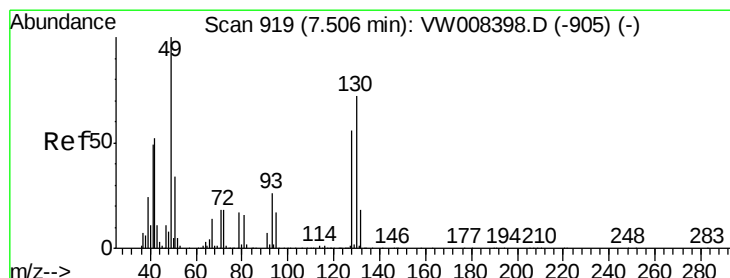
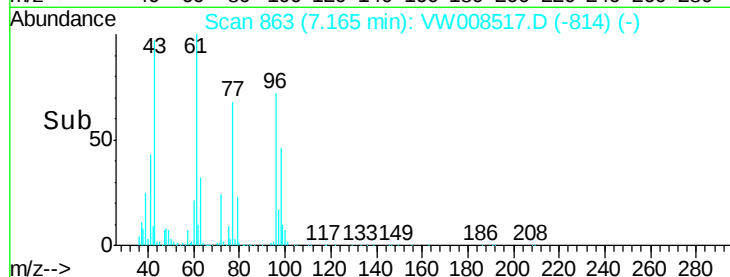
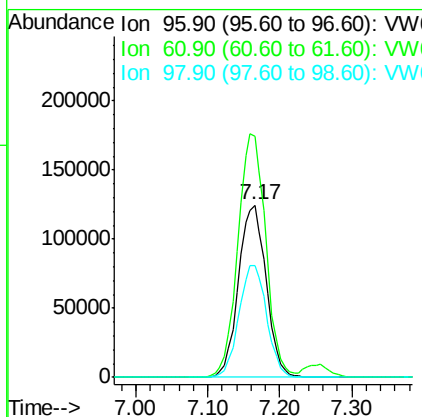
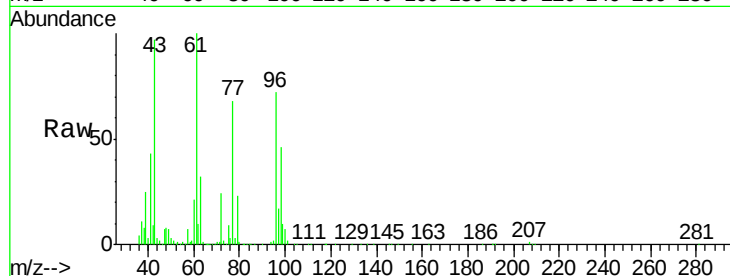


#27

cis-1,2-Dichloroethene
 Concen: 49.082 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW008517.D
 Acq: 06 Feb 2019 10:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

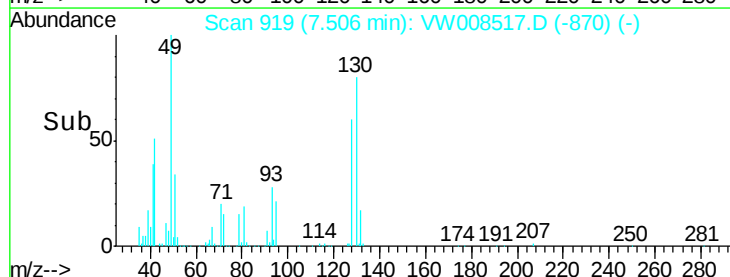
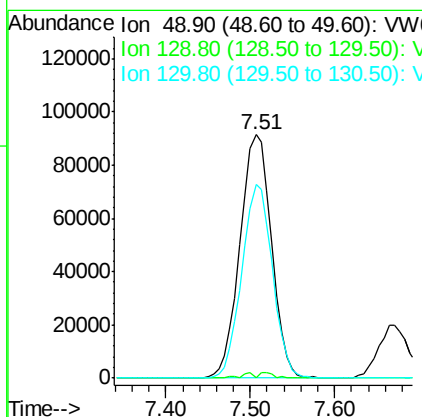
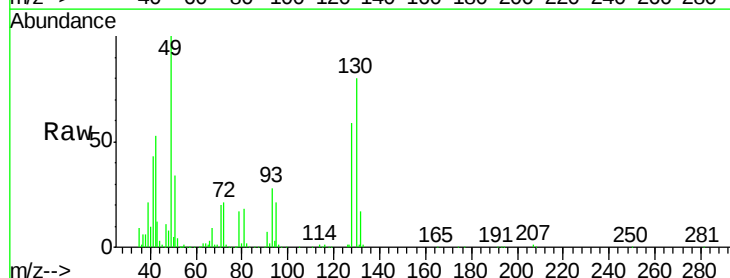
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.1	0.0	292.8
98	65.3	0.0	129.2

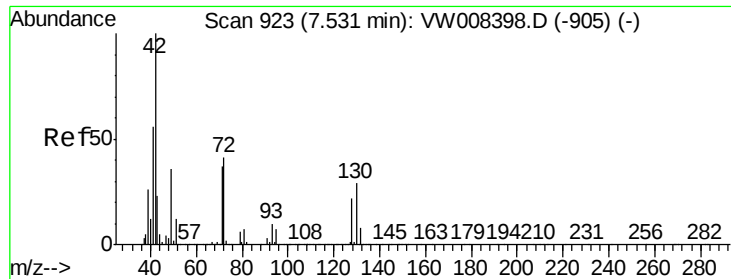


#28

Bromochloromethane
 Concen: 44.653 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VW008517.D
 Acq: 06 Feb 2019 10:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	4.6
130	77.5	58.6	87.8

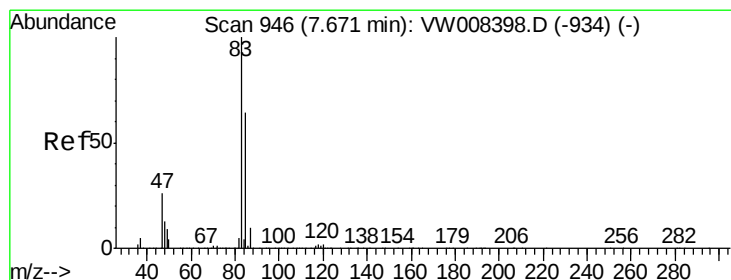
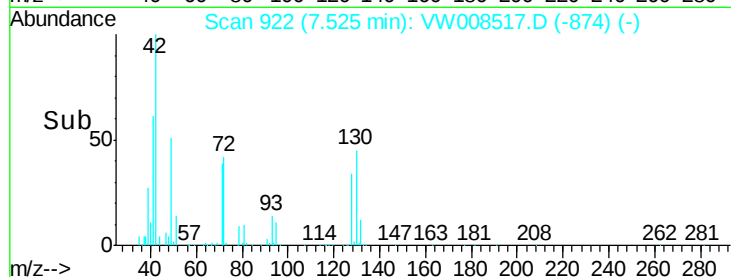
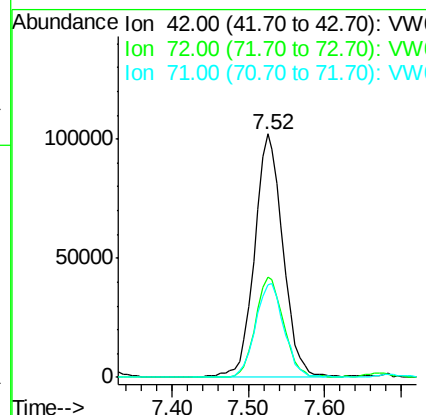
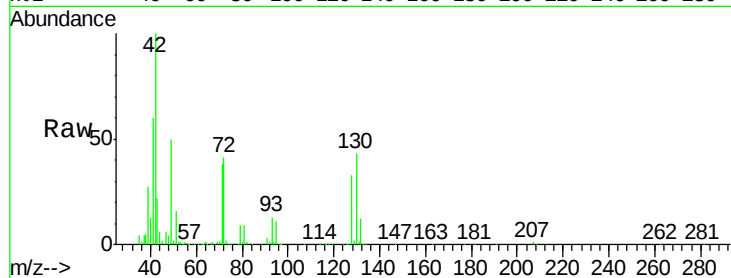




#29
Tetrahydrofuran
Concen: 223.906 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW008517.D
Acq: 06 Feb 2019 10:15

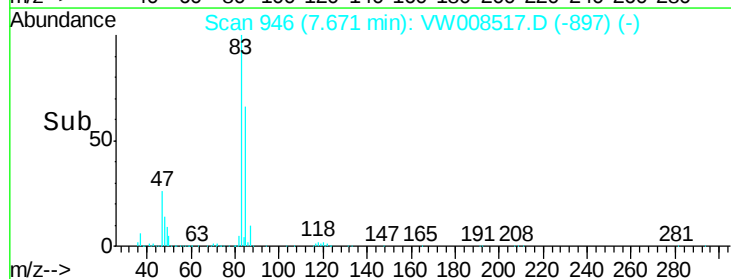
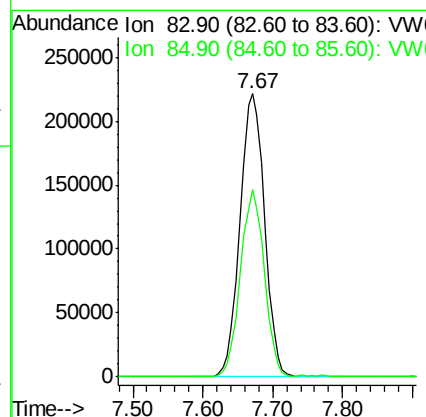
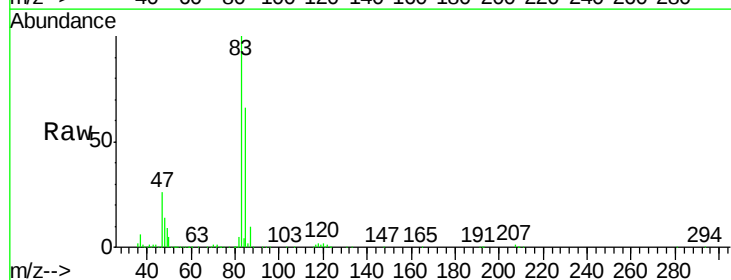
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

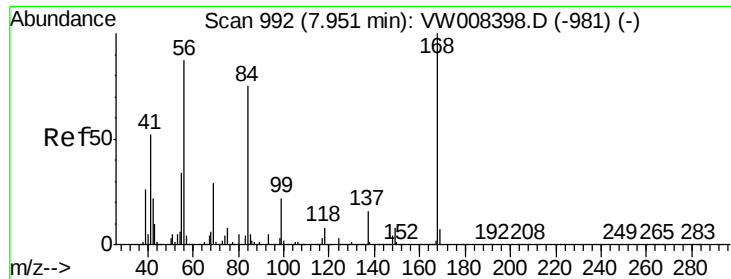
Tot Ion	Ratio	Lower	Upper
42	100		
72	41.1	31.9	47.9
71	39.0	29.9	44.9



#30
Chloroform
Concen: 48.830 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW008517.D
Acq: 06 Feb 2019 10:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	50.9	76.3

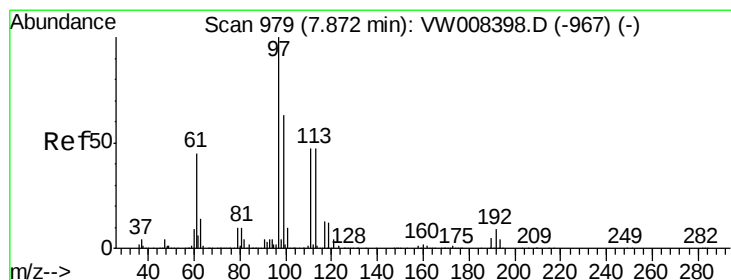
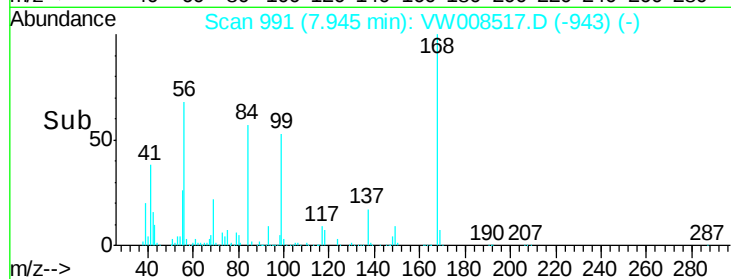
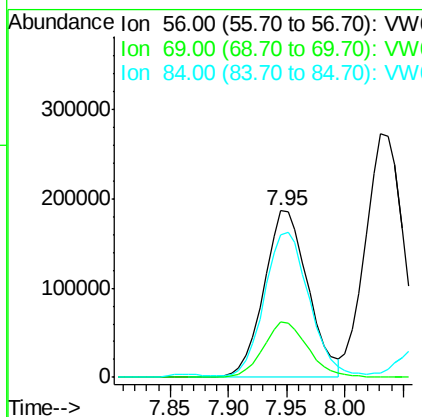
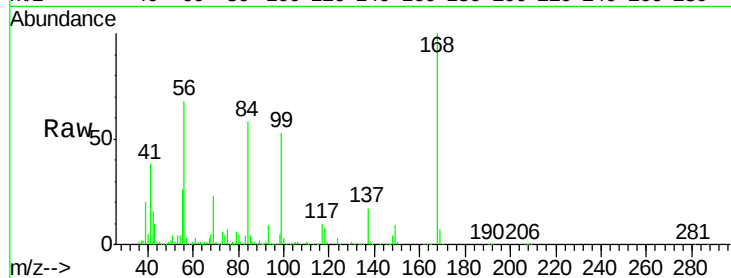




#31
Cyclohexane
Concen: 41.961 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008517.D
Acq: 06 Feb 2019 10:15

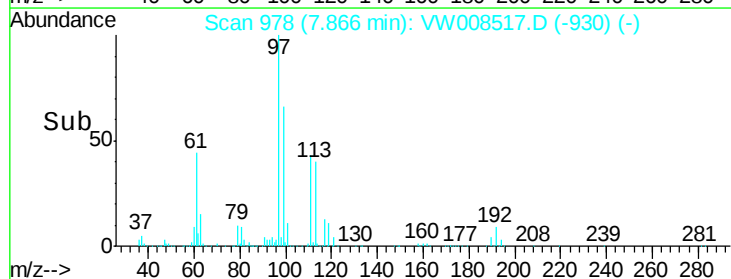
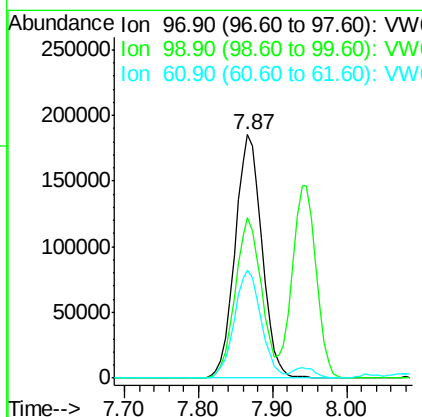
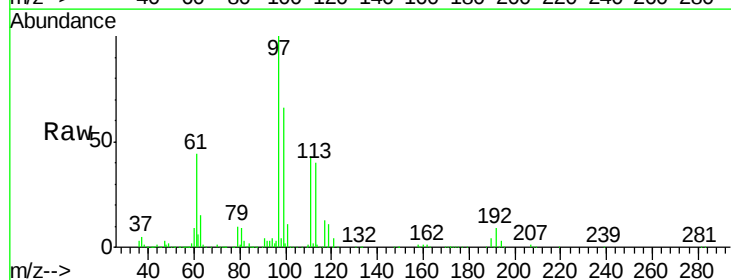
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

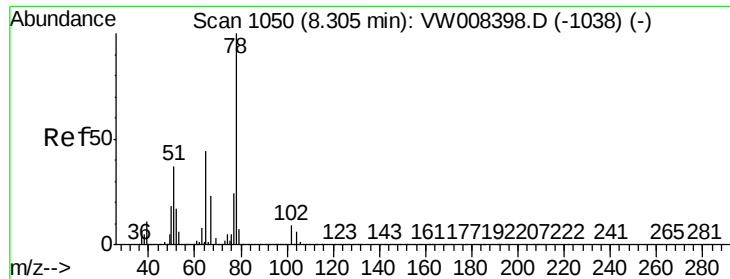
Tot Ion: 56 Resp: 488626
Ion Ratio Lower Upper
56 100
69 33.1 26.4 39.6
84 84.4 69.1 103.7



#32
1,1,1-Trichloroethane
Concen: 49.010 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW008517.D
Acq: 06 Feb 2019 10:15

Tgt Ion: 97 Resp: 468896
Ion Ratio Lower Upper
97 100
99 64.0 51.3 76.9
61 44.3 36.2 54.4

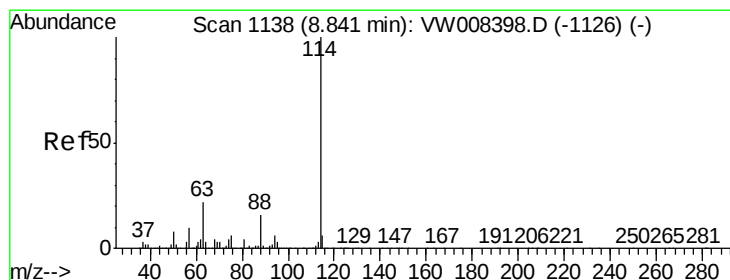
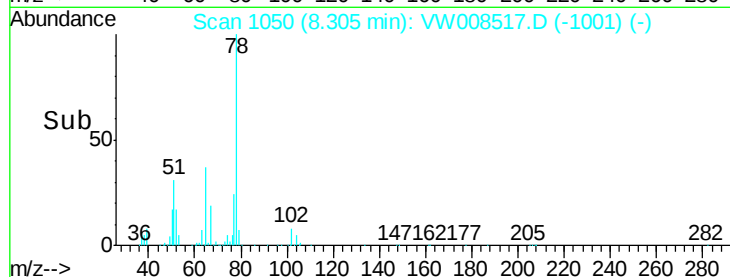
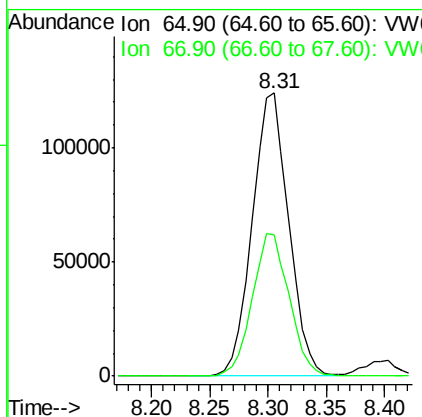
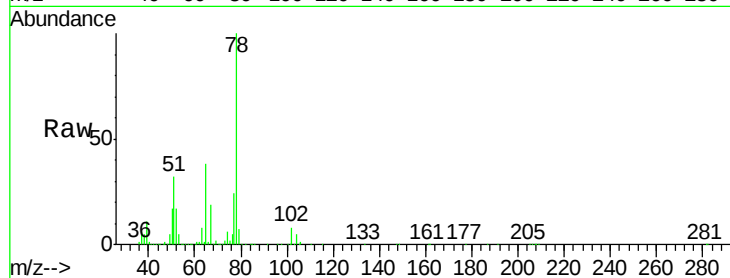




#33
 1,2-Dichloroethane-d4
 Concen: 45.284 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008517.D
 Acq: 06 Feb 2019 10:15

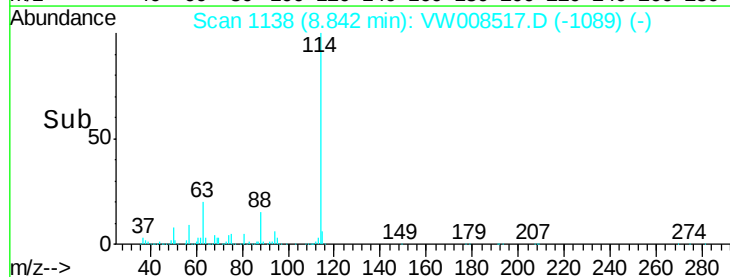
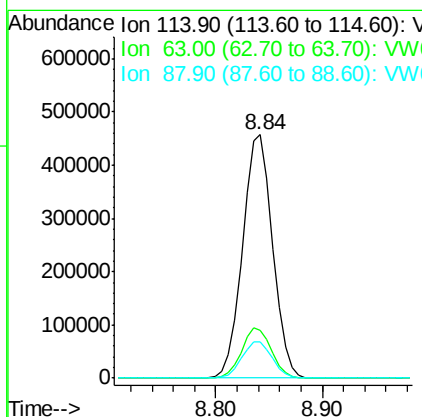
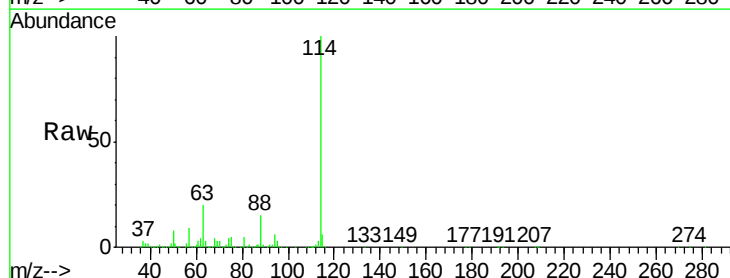
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

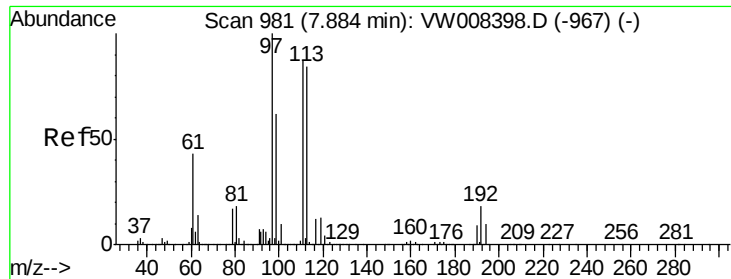
Tot Ion: 65 Resp: 268688
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008517.D
 Acq: 06 Feb 2019 10:15

Tgt Ion: 114 Resp: 905795
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 43.6
 88 15.0 0.0 31.8

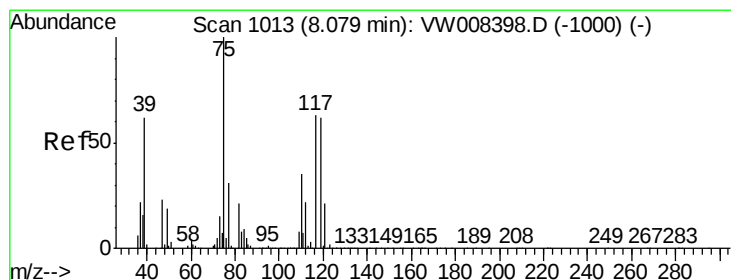
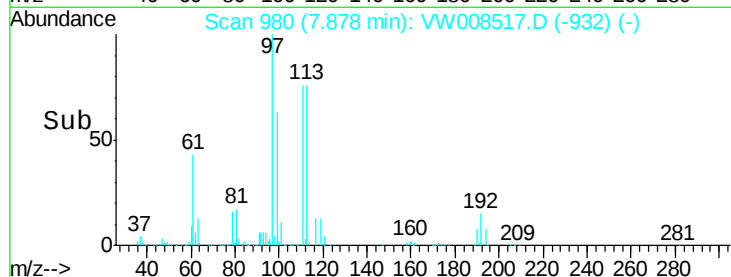
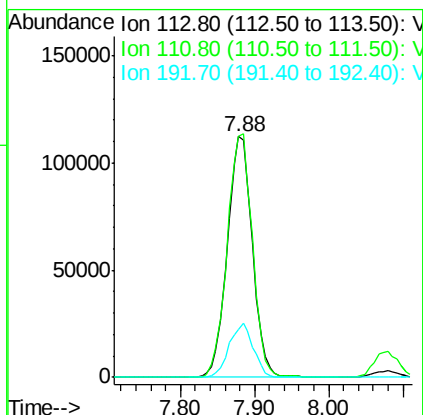
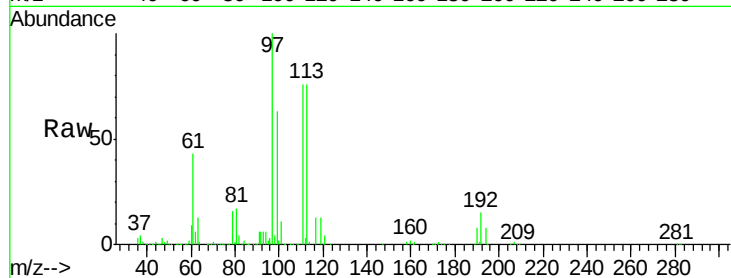




#35
 Dibromofluoromethane
 Concen: 50.077 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008517.D
 Acq: 06 Feb 2019 10:15

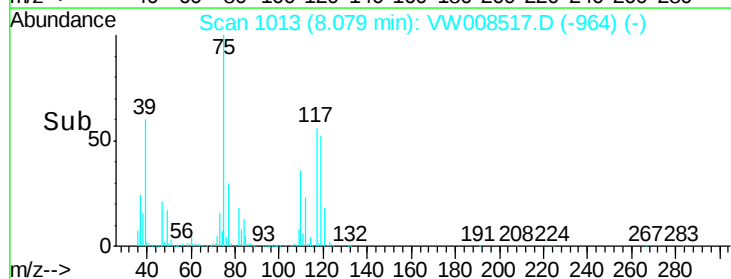
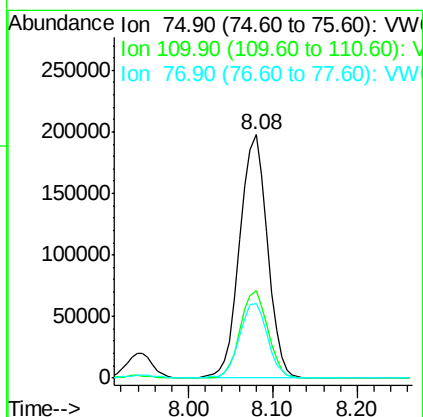
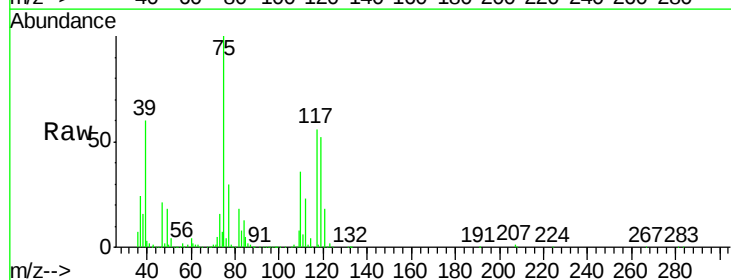
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

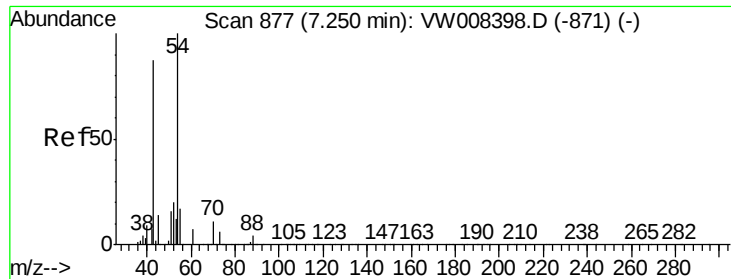
Tot Ion:113 Resp: 265235
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.0 121.4
 192 21.5 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 51.124 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW008517.D
 Acq: 06 Feb 2019 10:15

Tgt Ion: 75 Resp: 437429
 Ion Ratio Lower Upper
 75 100
 110 35.6 17.3 52.0
 77 30.9 24.7 37.1

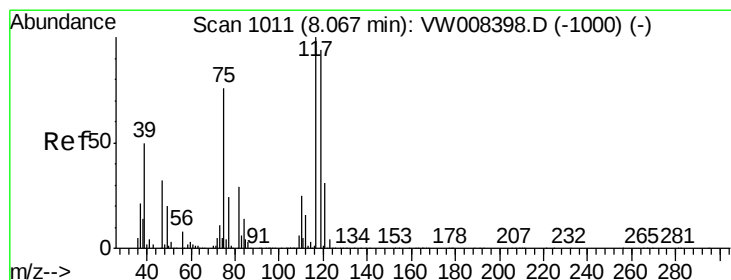
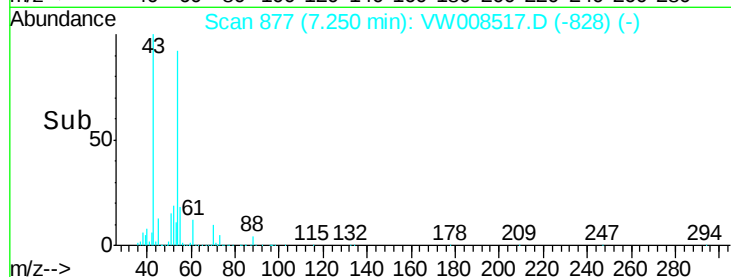
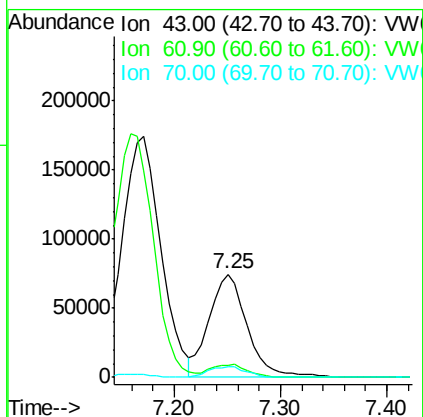
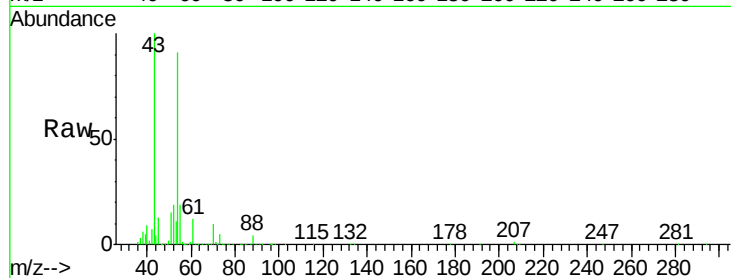




#37
Ethyl Acetate
Concen: 47.741 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW008517.D
Acq: 06 Feb 2019 10:15

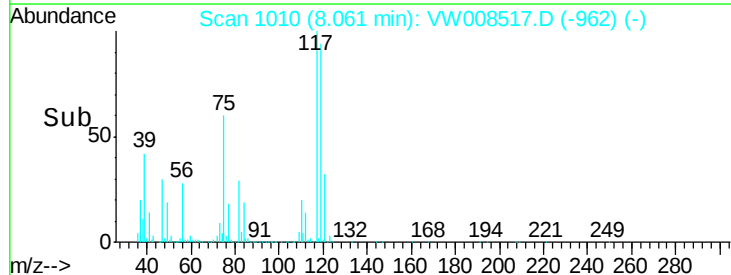
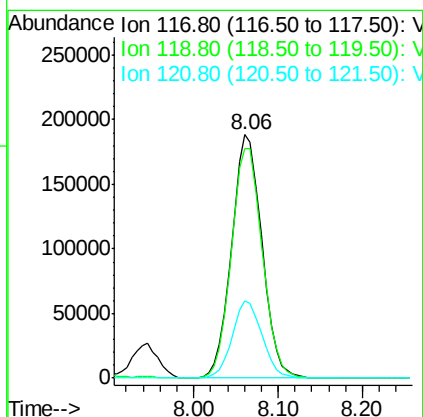
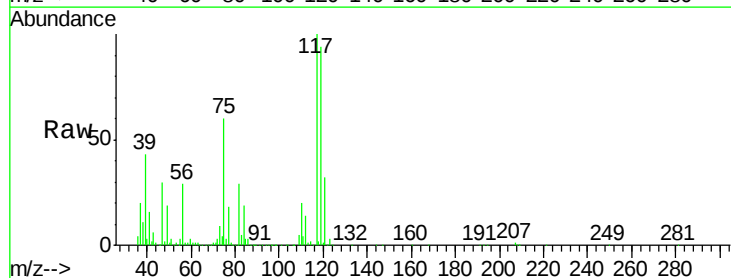
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

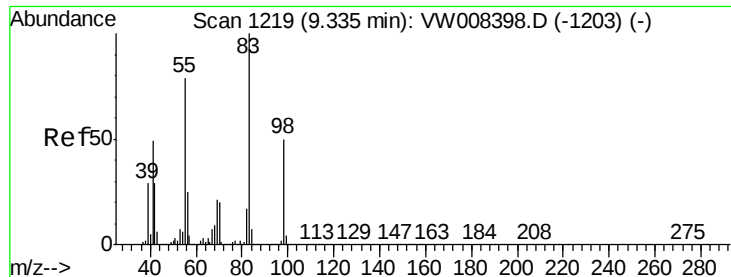
Tot Ion: 43 Resp: 180725
Ion Ratio Lower Upper
43 100
61 13.1 10.1 15.1
70 10.4 7.8 11.6



#38
Carbon Tetrachloride
Concen: 53.097 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW008517.D
Acq: 06 Feb 2019 10:15

Tgt Ion: 117 Resp: 457170
Ion Ratio Lower Upper
117 100
119 94.2 75.0 112.4
121 31.7 24.9 37.3

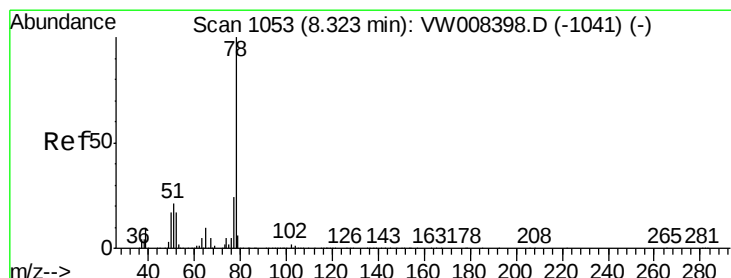
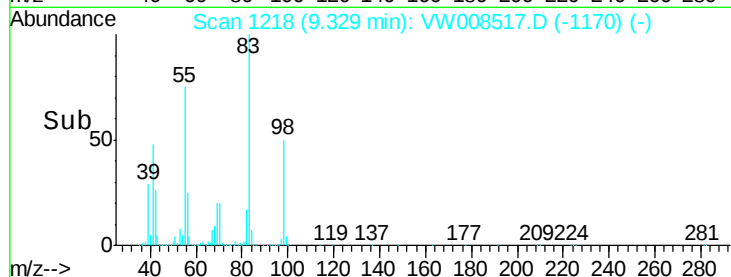
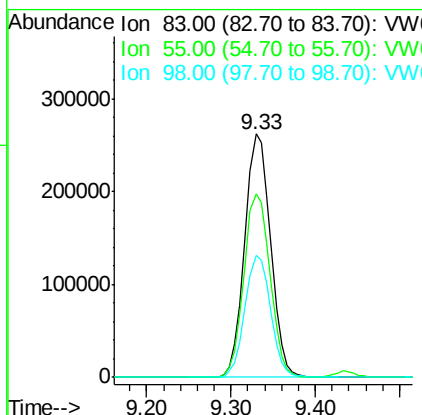
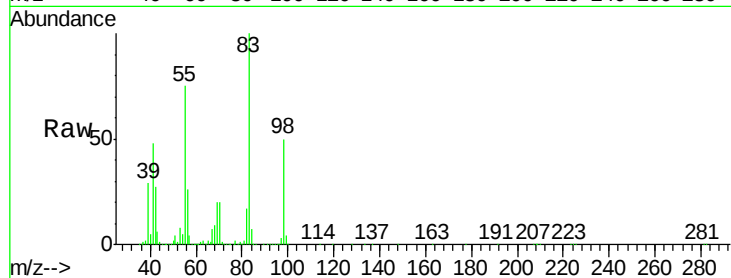




#39
Methvlcvclohexane
Concen: 48.216 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW008517.D
Acq: 06 Feb 2019 10:15

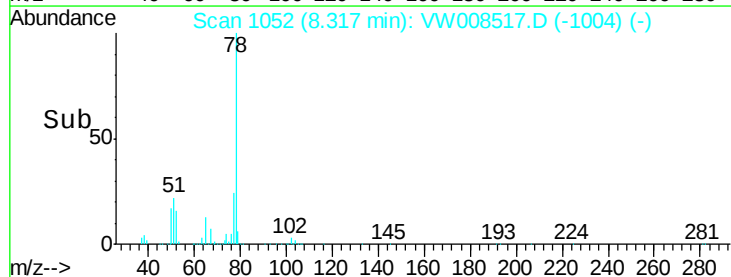
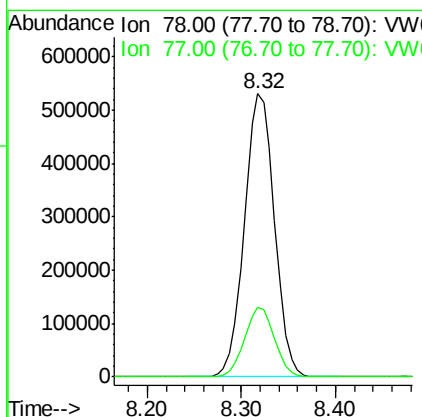
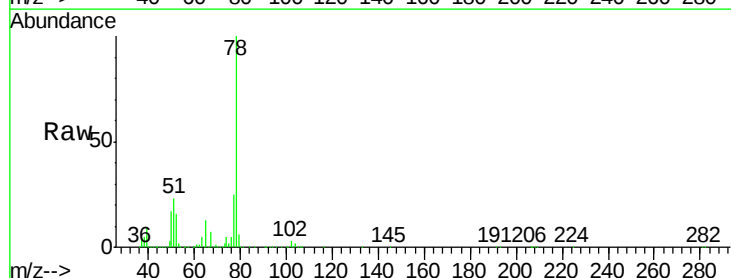
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 541951
Ion Ratio Lower Upper
83 100
55 75.0 63.3 94.9
98 50.2 39.7 59.5



#40
Benzene
Concen: 49.949 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW008517.D
Acq: 06 Feb 2019 10:15

Tgt Ion: 78 Resp: 1185904
Ion Ratio Lower Upper
78 100
77 24.6 19.0 28.6

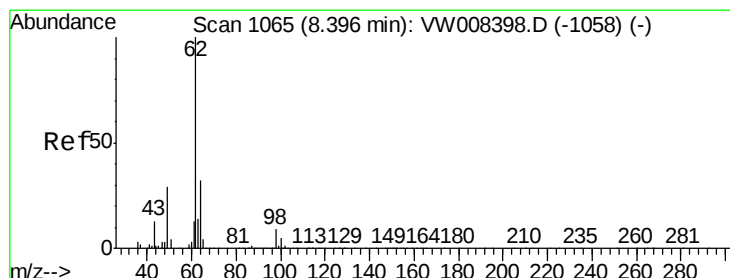
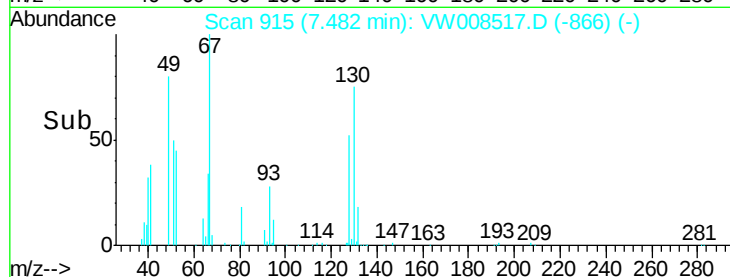
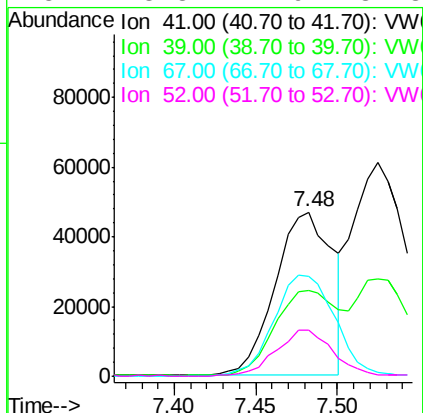
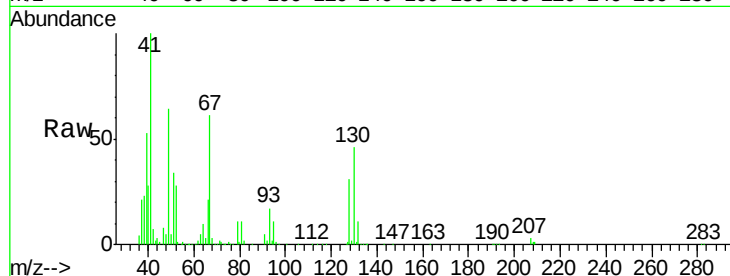




#41
Methacrylonitrile
Concen: 51.174 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW008517.D
Acq: 06 Feb 2019 10:15

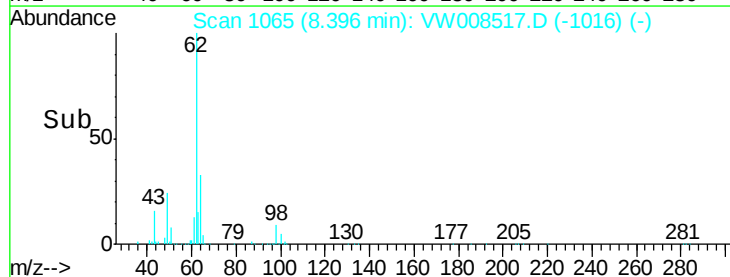
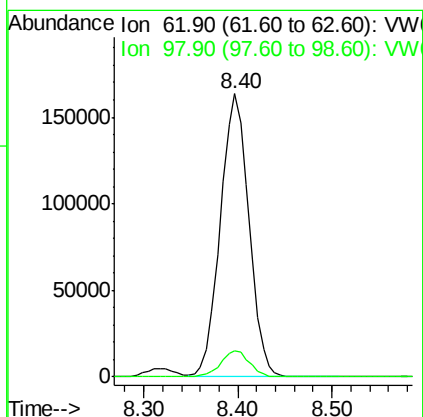
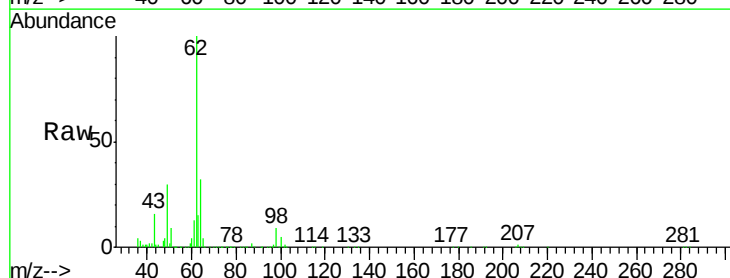
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

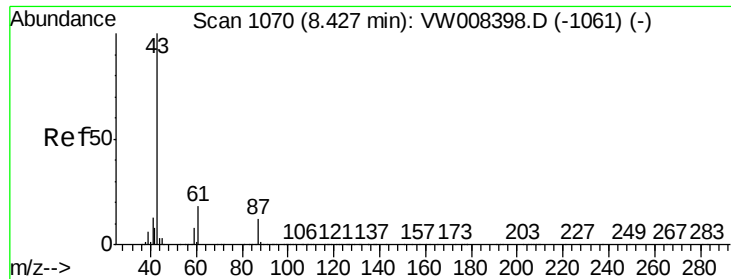
Tot Ion:	41	Resp:	114704
Ion	Ratio	Lower	Upper
41	100		
39	60.2	43.4	65.0
67	66.3	54.2	81.2
52	28.8	22.9	34.3



#42
1,2-Dichloroethane
Concen: 50.054 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW008517.D
Acq: 06 Feb 2019 10:15

Tgt Ion:	62	Resp:	344397
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.6



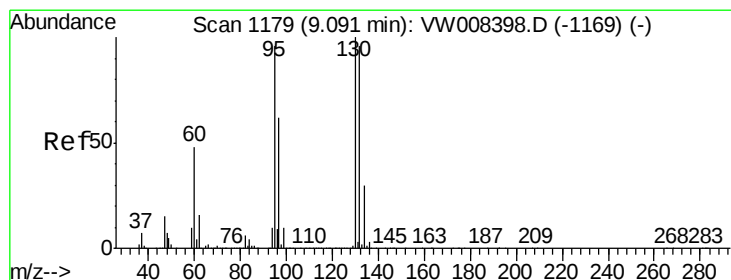
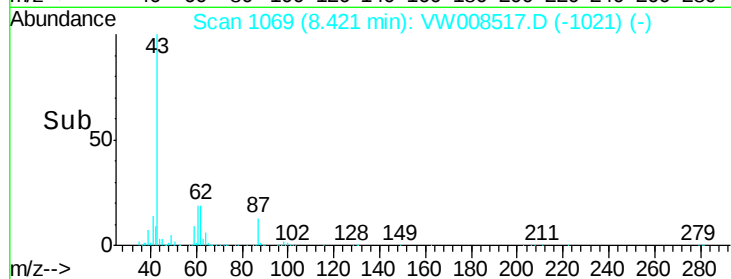
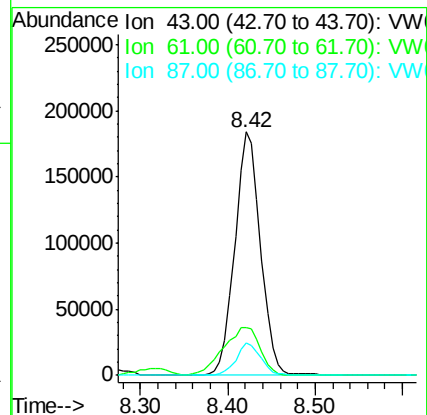
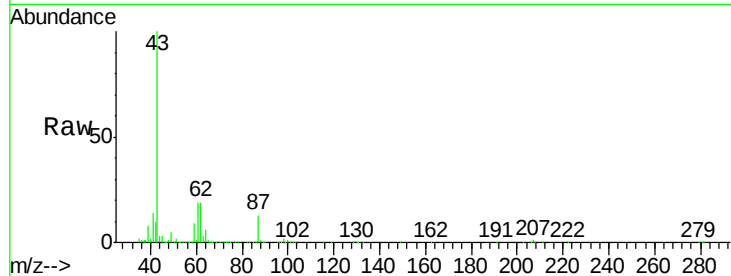


#43

Isopropyl Acetate
 Concen: 47.564 ug/l
 RT: 8.42 min Scan# 1069
 Delta R.T. -0.01 min
 Lab File: VW008517.D
 Acq: 06 Feb 2019 10:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

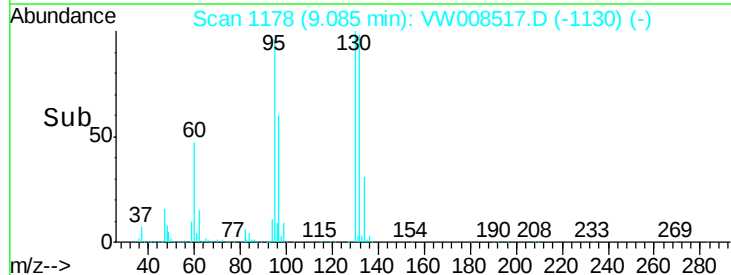
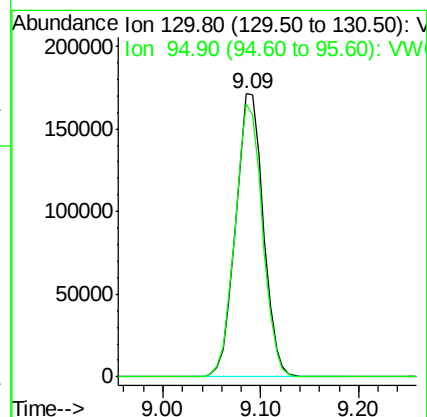
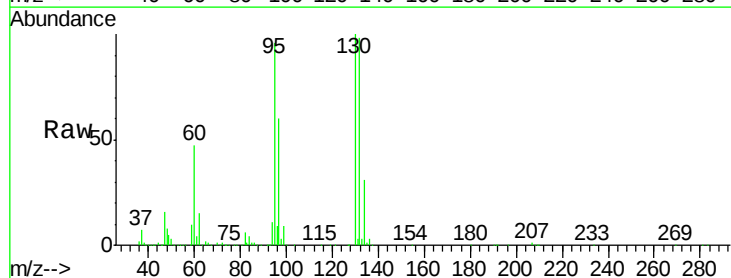
Tot Ion: 43 Resp: 374068
 Ion Ratio Lower Upper
 43 100
 61 28.1 22.0 33.0
 87 12.7 9.3 13.9

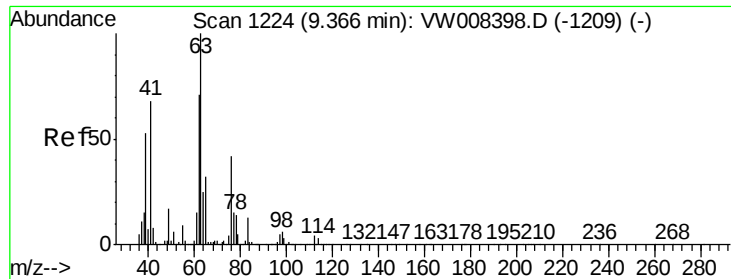


#44

Trichloroethene
 Concen: 52.102 ug/l
 RT: 9.09 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: VW008517.D
 Acq: 06 Feb 2019 10:15

Tgt Ion: 130 Resp: 336393
 Ion Ratio Lower Upper
 130 100
 95 96.4 0.0 191.6





#45

1,2-Dichloropropane

Concen: 50.190 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW008517.D

Acq: 06 Feb 2019 10:15

Instrument :

MSVOA_W

ClientSampleId :

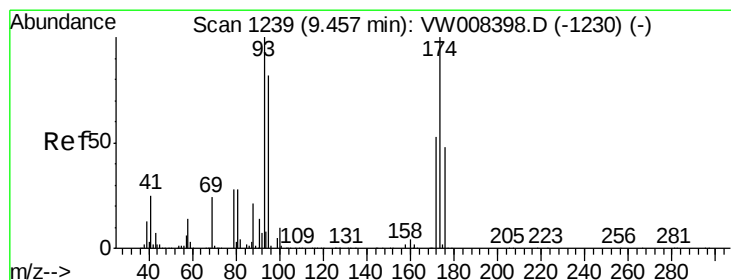
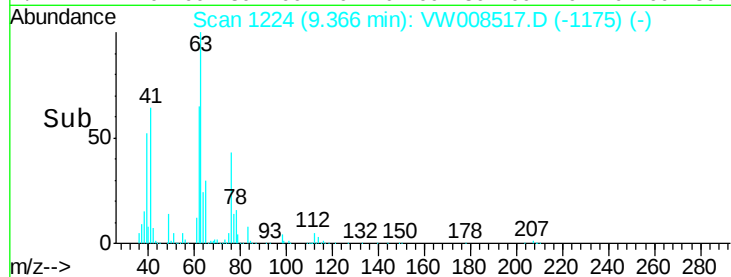
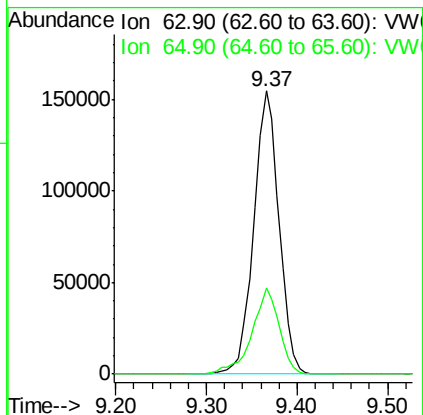
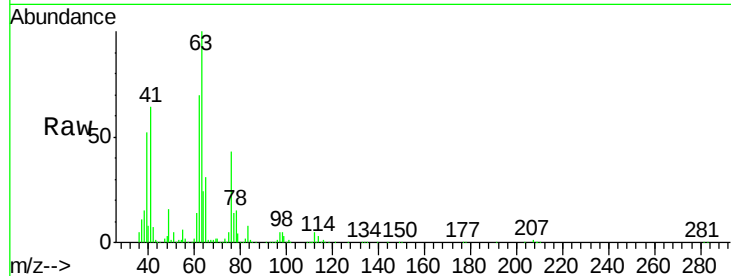
VSTDCCC050

Tot Ion: 63 Resp: 297120

Ion Ratio Lower Upper

63 100

65 30.7 25.2 37.8



#46

Dibromomethane

Concen: 50.296 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.01 min

Lab File: VW008517.D

Acq: 06 Feb 2019 10:15

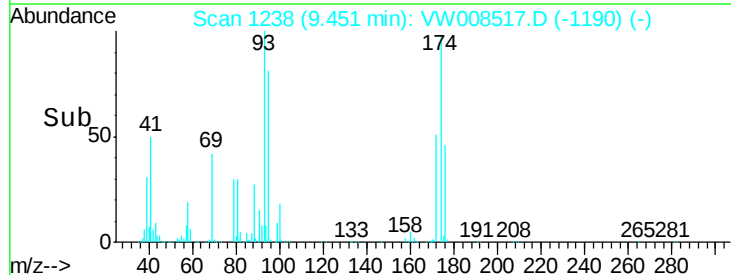
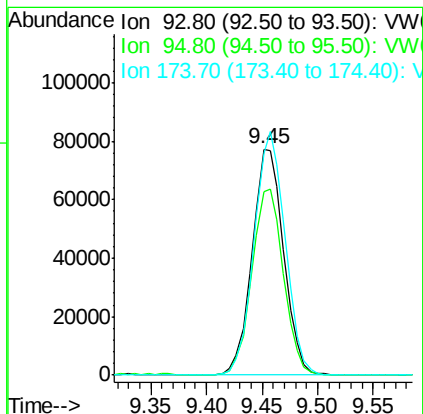
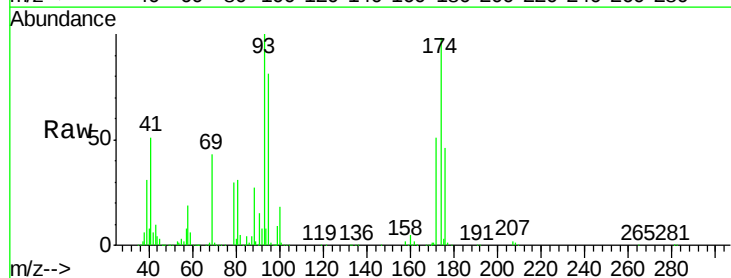
Tgt Ion: 93 Resp: 153144

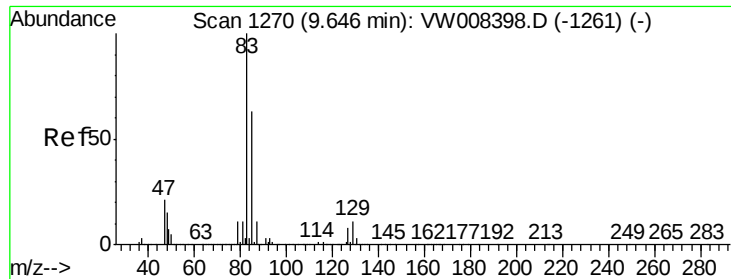
Ion Ratio Lower Upper

93 100

95 82.4 65.9 98.9

174 105.6 81.0 121.6





#47

Bromodichloromethane

Concen: 49.974 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008517.D

Acq: 06 Feb 2019 10:15

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

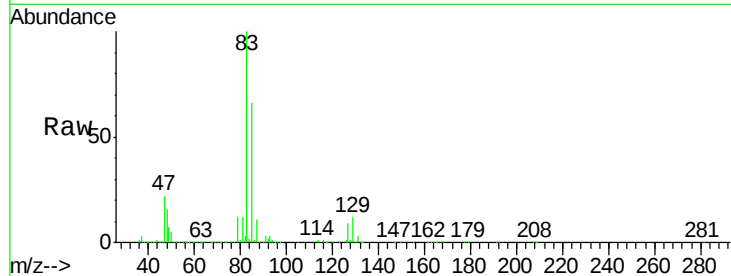
Tot Ion: 83 Resp: 402472

Ion Ratio Lower Upper

83 100

85 66.4 50.8 76.2

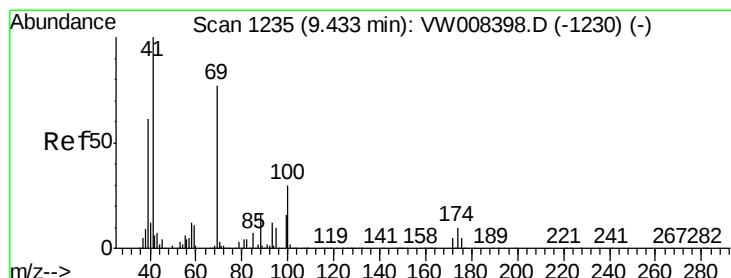
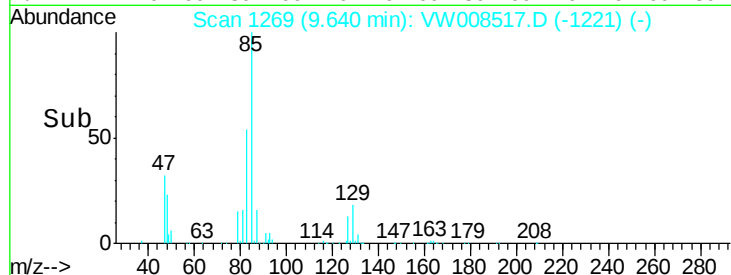
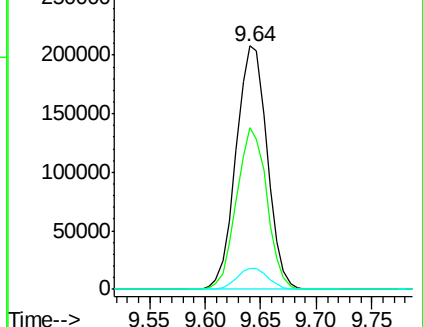
127 8.7 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 46.844 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW008517.D

Acq: 06 Feb 2019 10:15

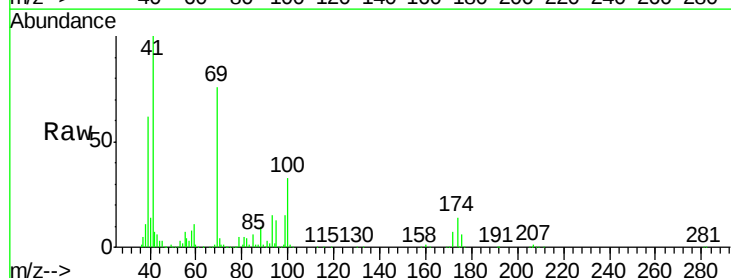
Tgt Ion: 41 Resp: 180136

Ion Ratio Lower Upper

41 100

69 81.5 64.8 97.2

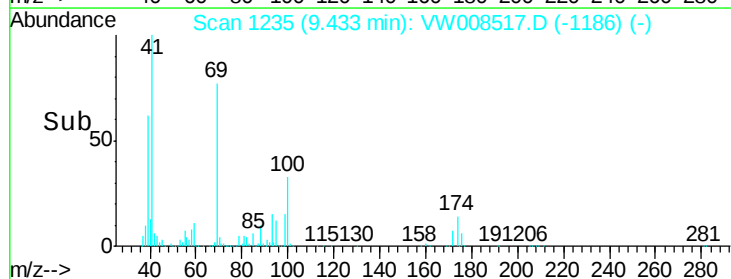
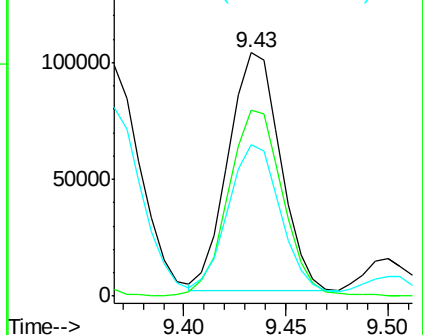
39 61.5 49.1 73.7

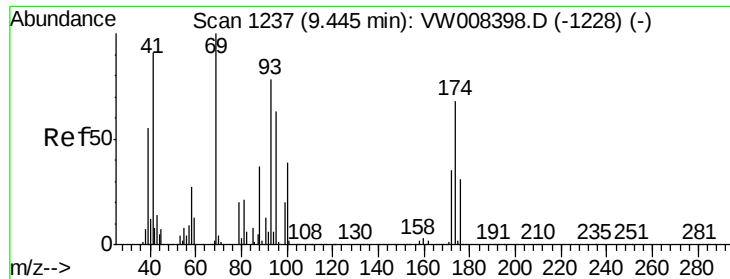


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

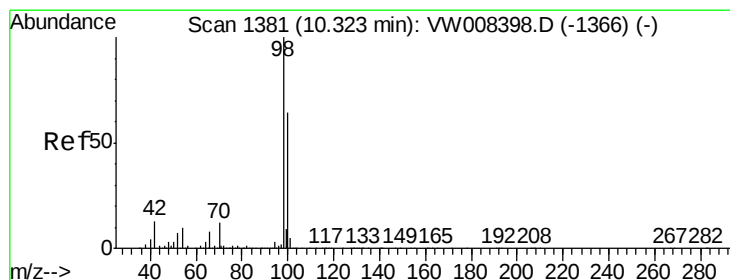
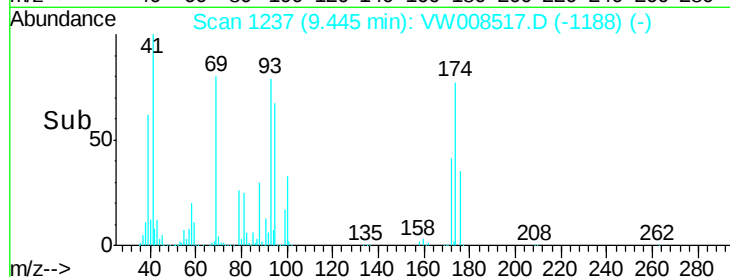
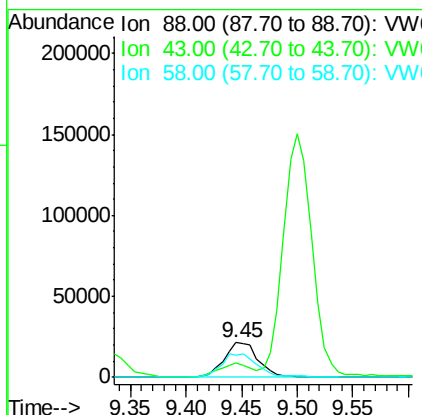
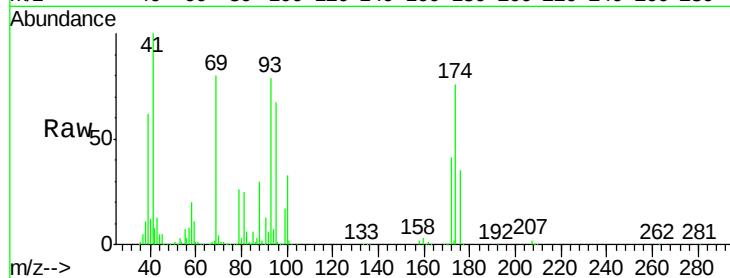




#49
1,4-Dioxane
Concen: 874.930 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW008517.D
Acq: 06 Feb 2019 10:15

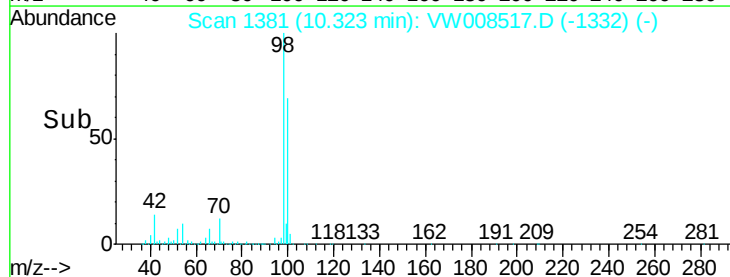
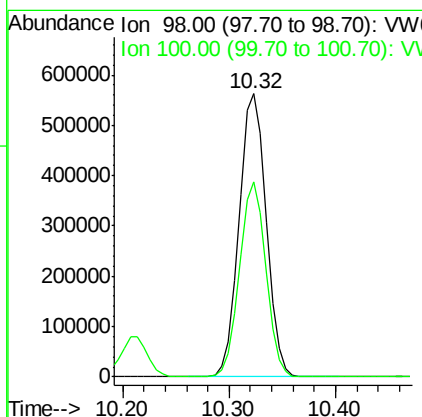
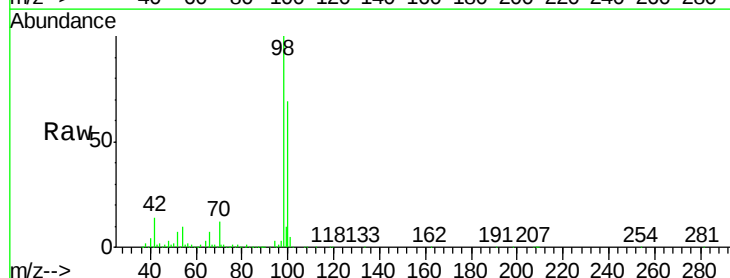
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

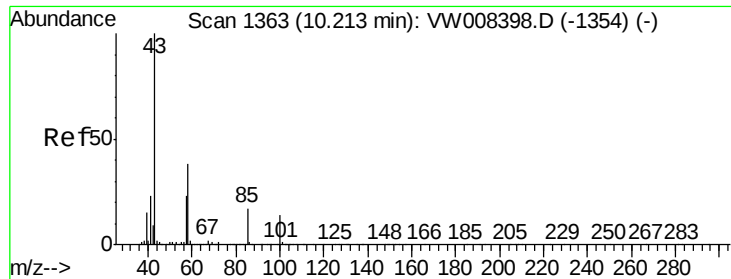
Tot Ion: 88 Resp: 45030
Ion Ratio Lower Upper
88 100
43 40.1 29.0 43.4
58 75.3 56.4 84.6



#50
Toluene-d8
Concen: 47.531 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008517.D
Acq: 06 Feb 2019 10:15

Tgt Ion: 98 Resp: 1009514
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8

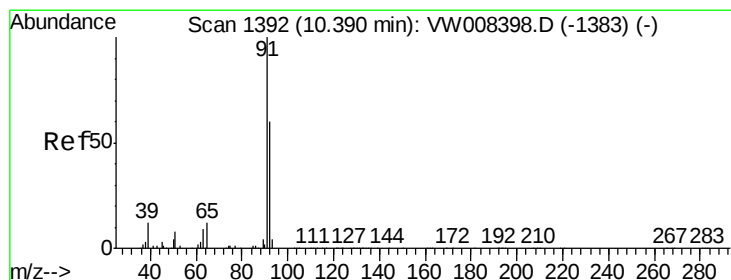
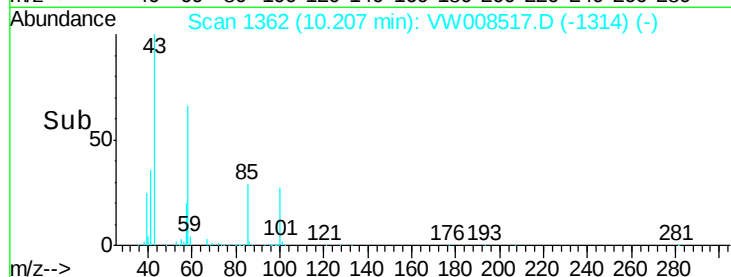
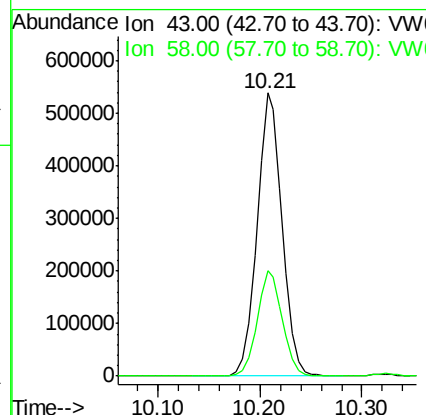
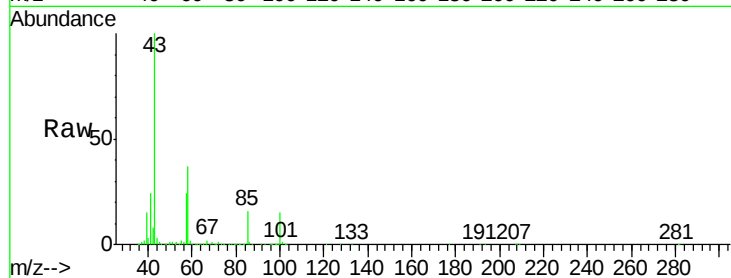




#51
4-Methyl-2-Pentanone
Concen: 236.407 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VW008517.D
Acq: 06 Feb 2019 10:15

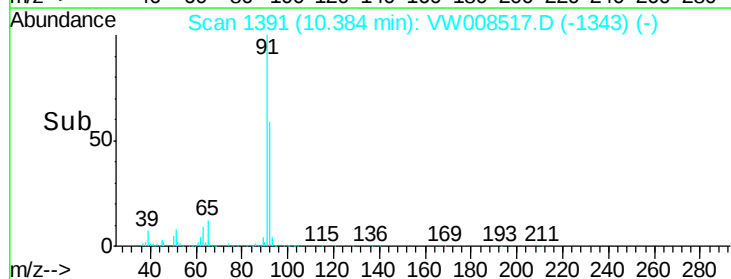
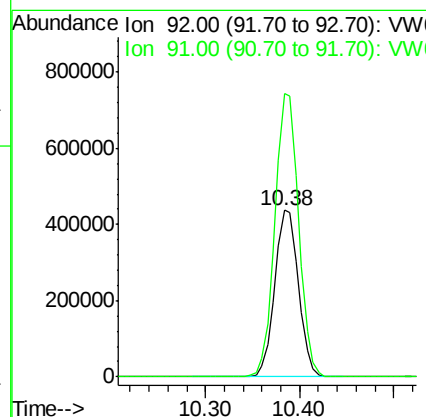
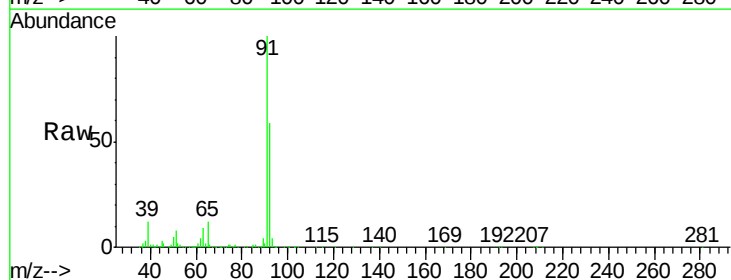
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

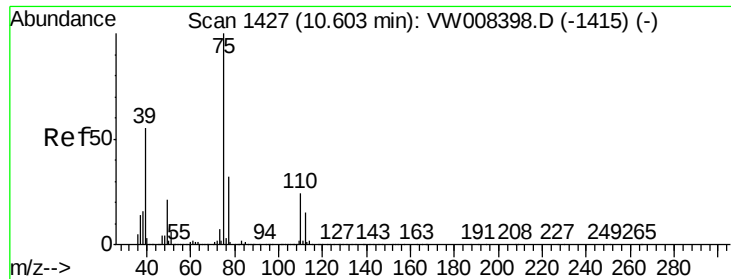
Tot Ion: 43 Resp: 918520
Ion Ratio Lower Upper
43 100
58 37.3 29.7 44.5



#52
Toluene
Concen: 48.961 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW008517.D
Acq: 06 Feb 2019 10:15

Tgt Ion: 92 Resp: 767351
Ion Ratio Lower Upper
92 100
91 170.4 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 48.613 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008517.D

Acq: 06 Feb 2019 10:15

Instrument :

MSVOA_W

ClientSampled :

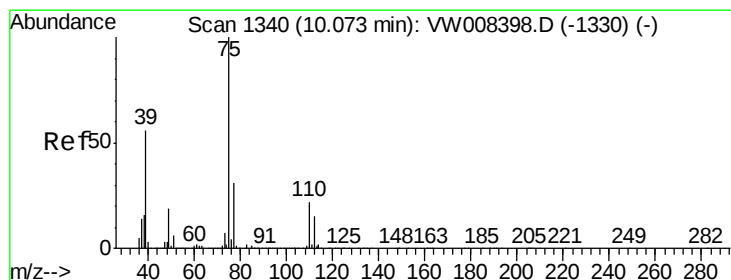
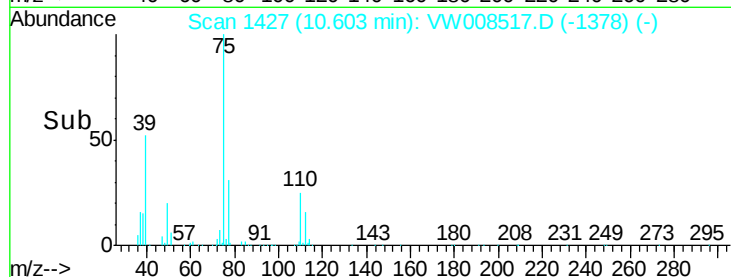
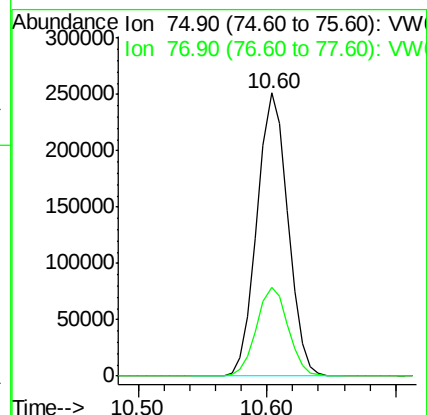
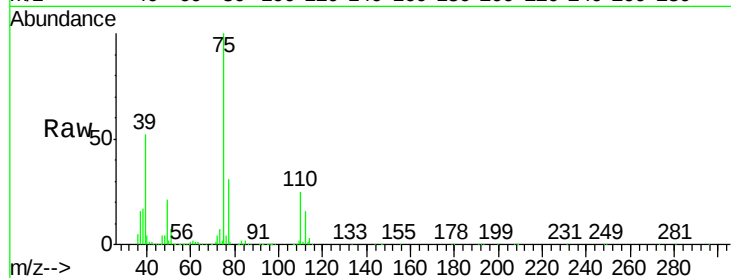
VSTDCCC050

Tot Ion: 75 Resp: 416598

Ion Ratio Lower Upper

75 100

77 31.2 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 48.747 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008517.D

Acq: 06 Feb 2019 10:15

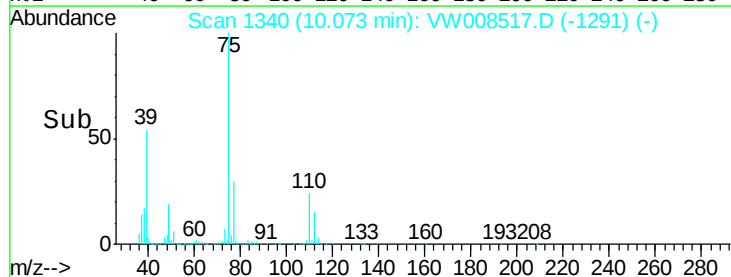
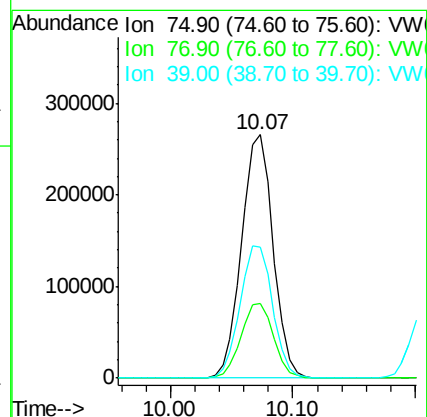
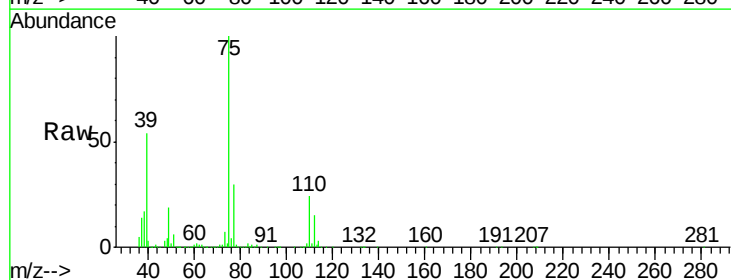
Tgt Ion: 75 Resp: 474080

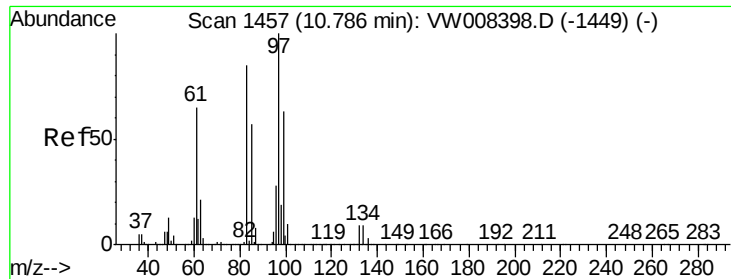
Ion Ratio Lower Upper

75 100

77 30.5 25.0 37.4

39 53.4 44.9 67.3

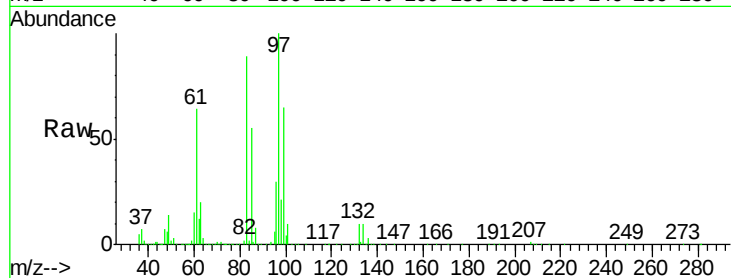




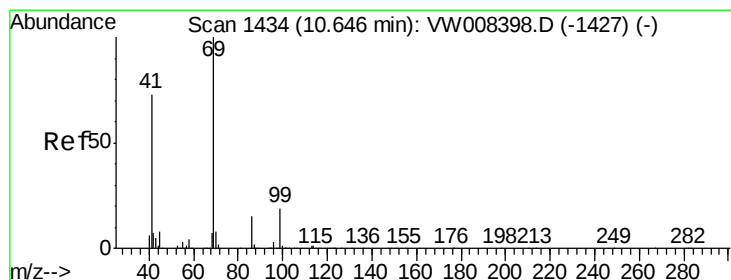
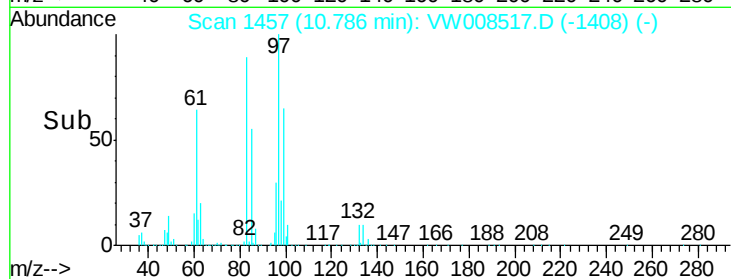
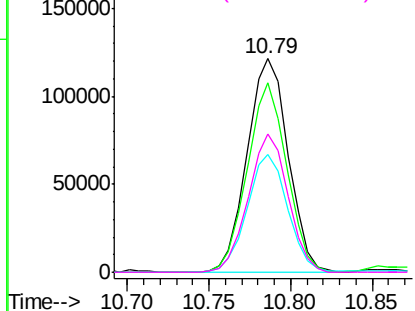
#55
 1,1,2-Trichloroethane
 Concen: 50.243 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008517.D
 Acq: 06 Feb 2019 10:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	212193
Ion	Ratio	Lower	Upper
97	100		
83	88.7	68.4	102.6
85	55.3	45.3	67.9
99	64.8	50.6	76.0

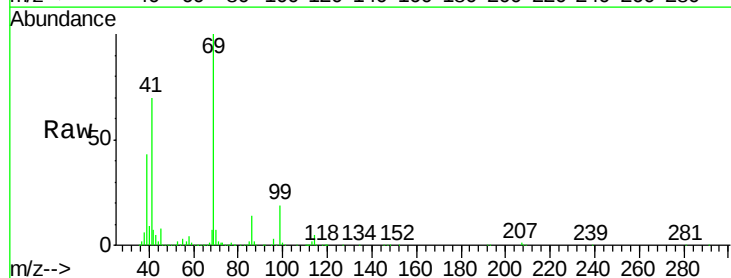


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

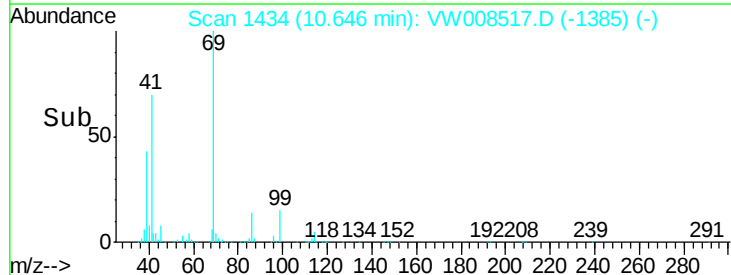
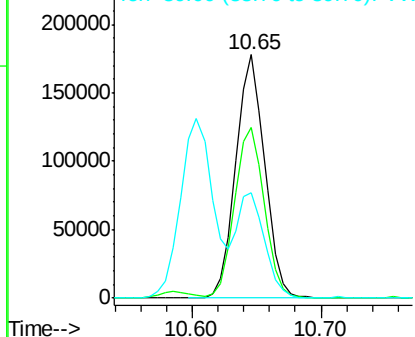


#56
 Ethyl methacrylate
 Concen: 46.667 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008517.D
 Acq: 06 Feb 2019 10:15

Tgt Ion:	69	Resp:	276164
Ion	Ratio	Lower	Upper
69	100		
41	71.7	58.7	88.1
39	41.4	32.6	48.8



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: 49.377 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW008517.D

Acq: 06 Feb 2019 10:15

Instrument :

MSVOA_W

ClientSampleId :

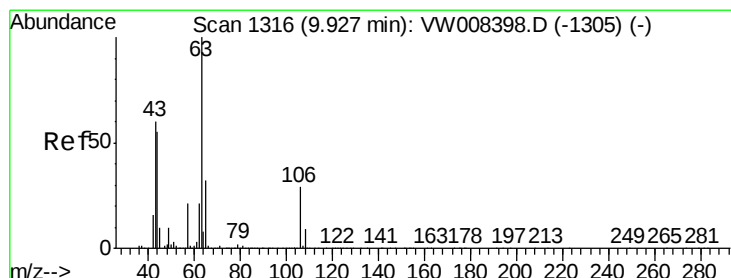
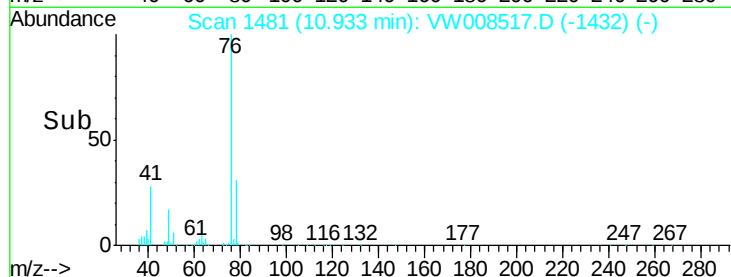
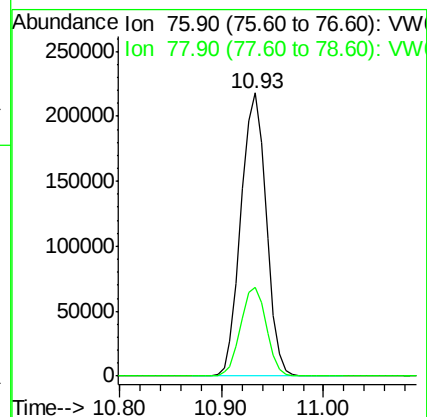
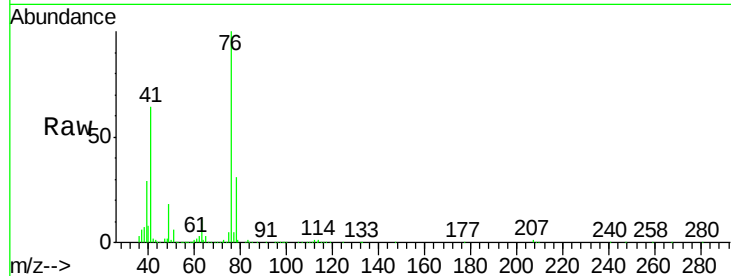
VSTDCCC050

Tot Ion: 76 Resp: 373597

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 256.512 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VW008517.D

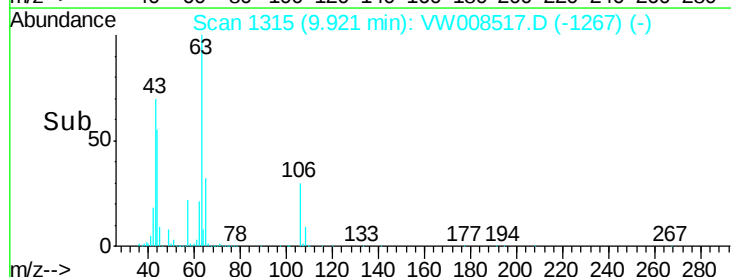
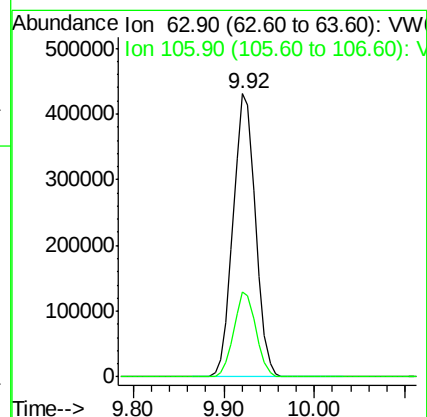
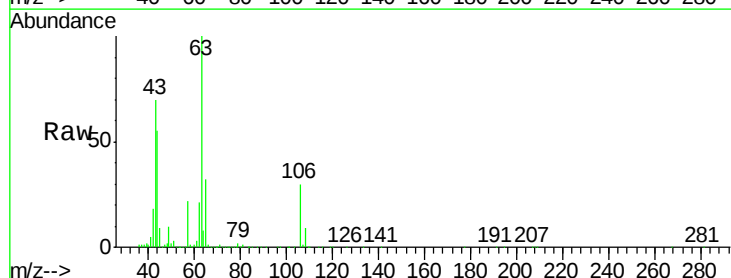
Acq: 06 Feb 2019 10:15

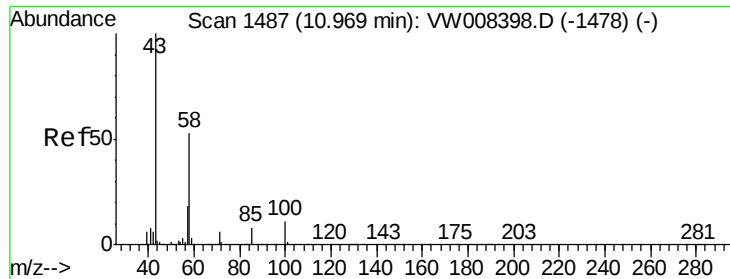
Tgt Ion: 63 Resp: 737550

Ion Ratio Lower Upper

63 100

106 29.8 22.4 33.6

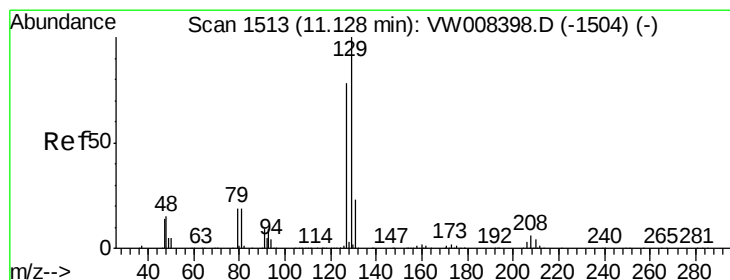
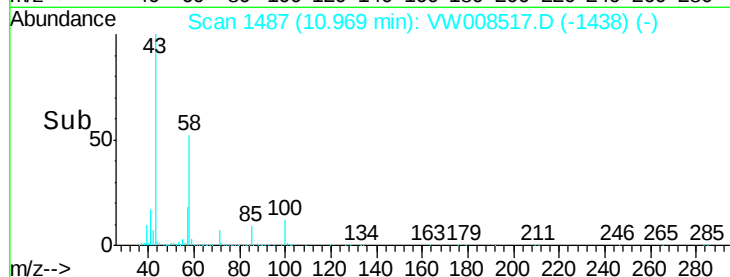
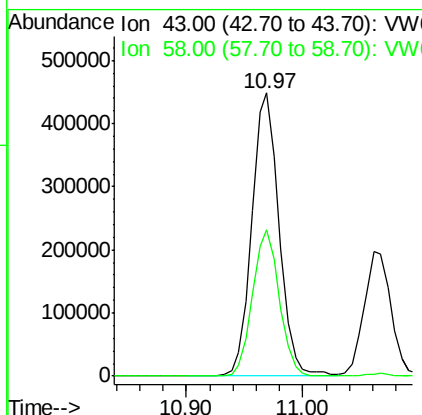
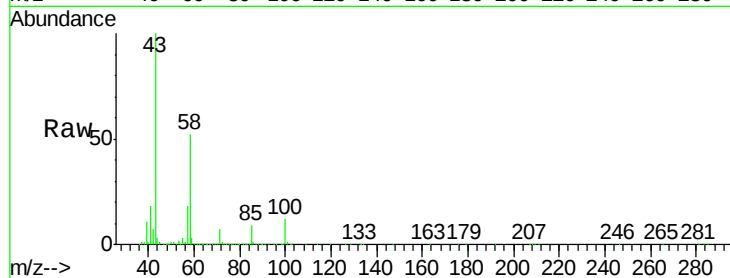




#59
2-Hexanone
Concen: 265.734 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008517.D
Acq: 06 Feb 2019 10:15

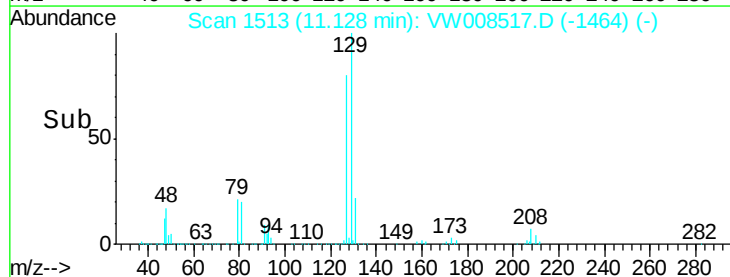
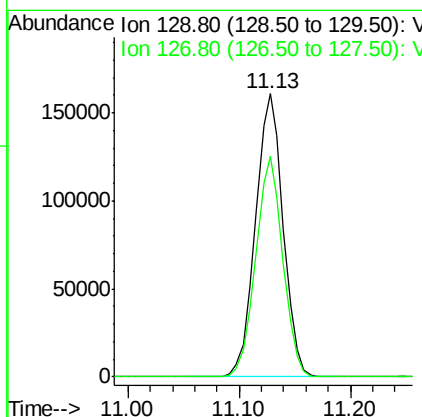
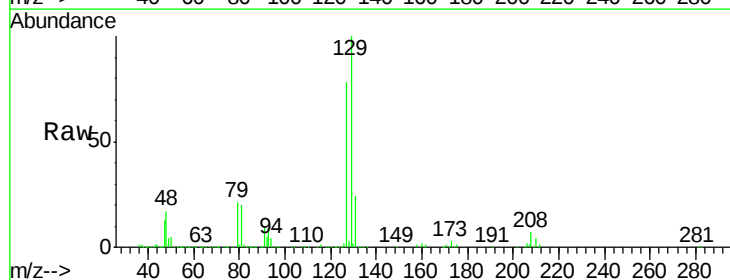
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 728878
Ion Ratio Lower Upper
43 100
58 50.8 25.9 77.7



#60
Dibromochloromethane
Concen: 51.142 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008517.D
Acq: 06 Feb 2019 10:15

Tgt Ion: 129 Resp: 277565
Ion Ratio Lower Upper
129 100
127 76.4 39.1 117.2

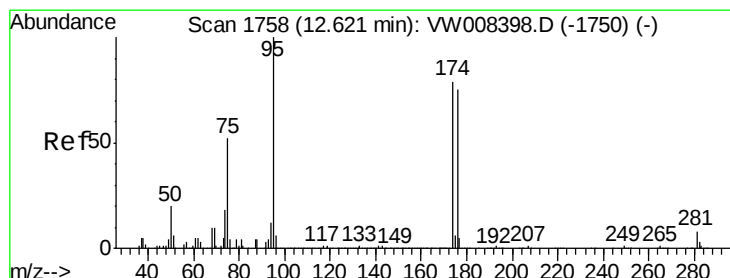
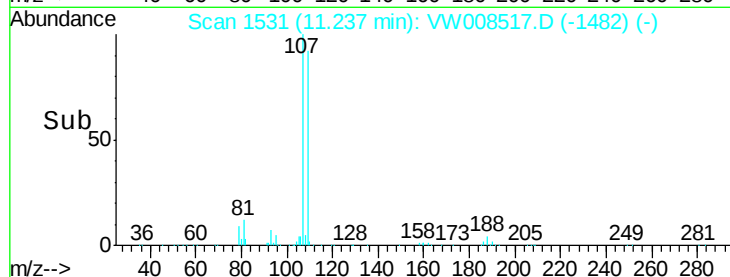
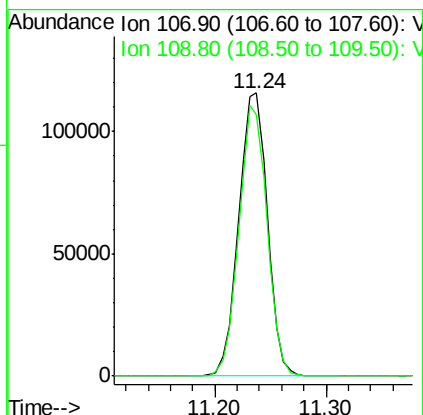
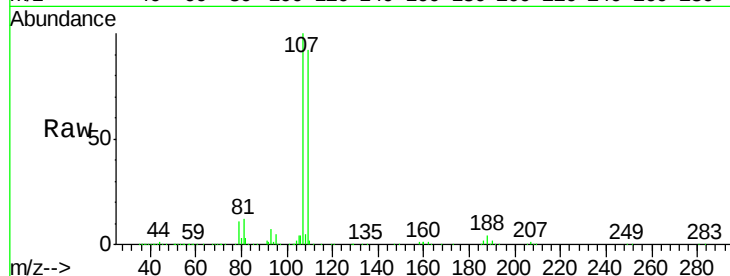




#61
 1,2-Dibromoethane
 Concen: 49.433 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW008517.D
 Acq: 06 Feb 2019 10:15

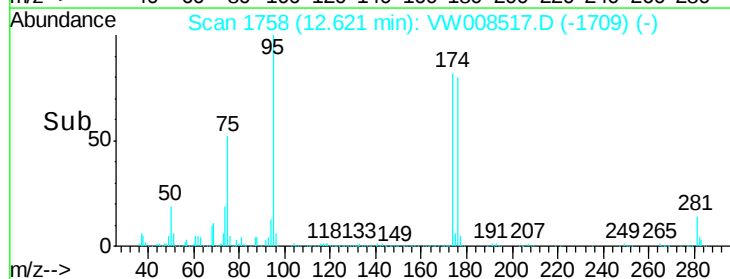
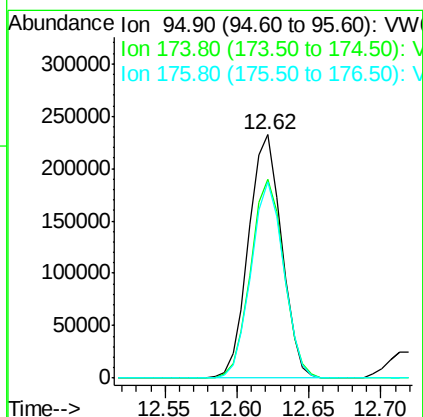
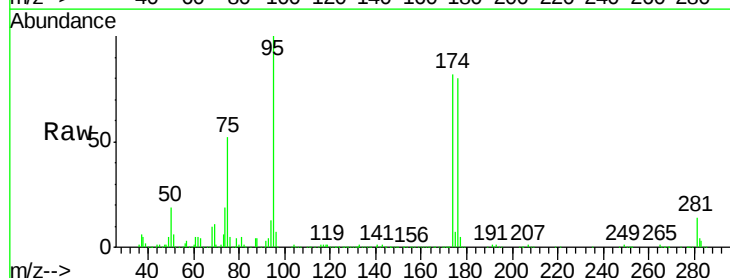
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

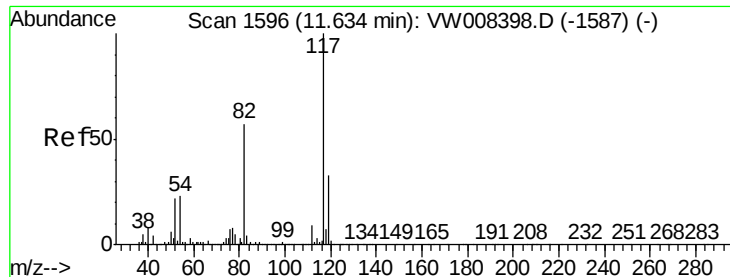
Tot Ion: 107 Resp: 207008
 Ion Ratio Lower Upper
 107 100
 109 93.4 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 45.096 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008517.D
 Acq: 06 Feb 2019 10:15

Tgt Ion: 95 Resp: 368165
 Ion Ratio Lower Upper
 95 100
 174 81.8 0.0 157.6
 176 79.7 0.0 151.8

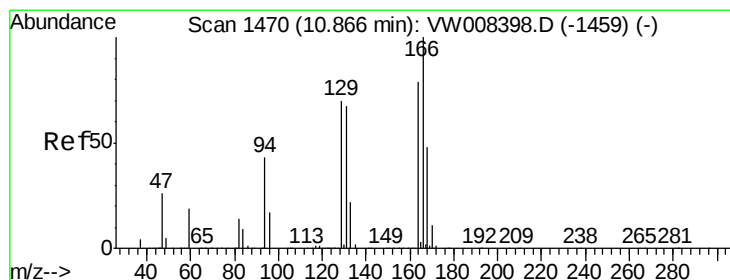
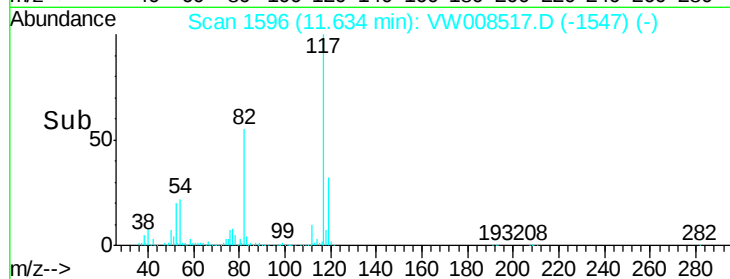
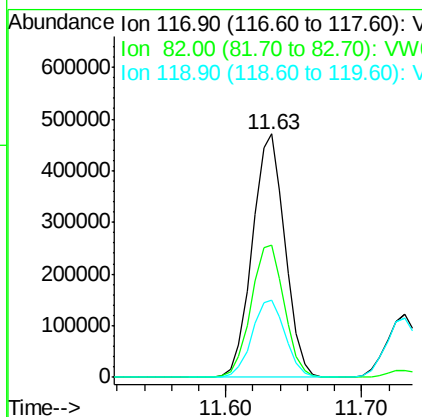
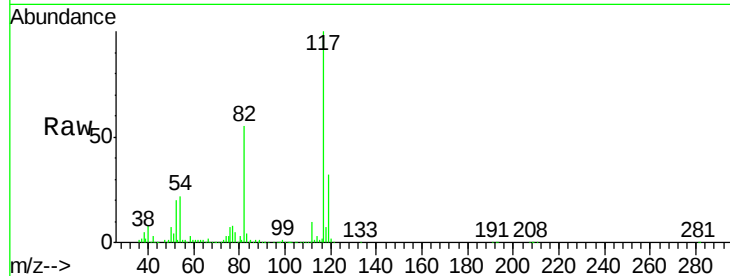




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008517.D
Acq: 06 Feb 2019 10:15

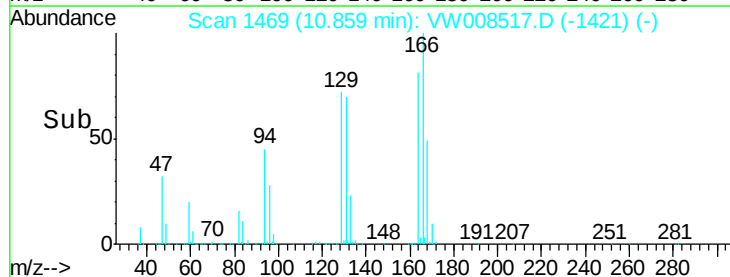
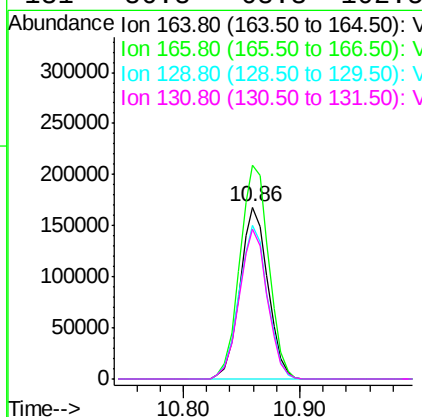
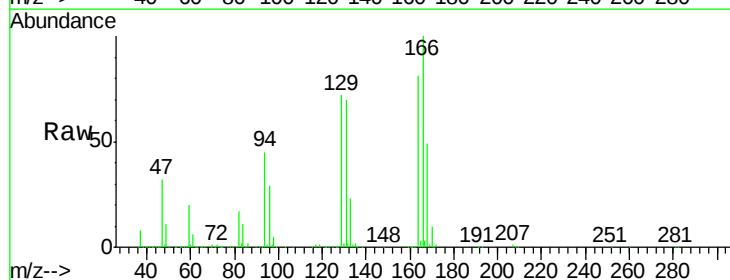
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

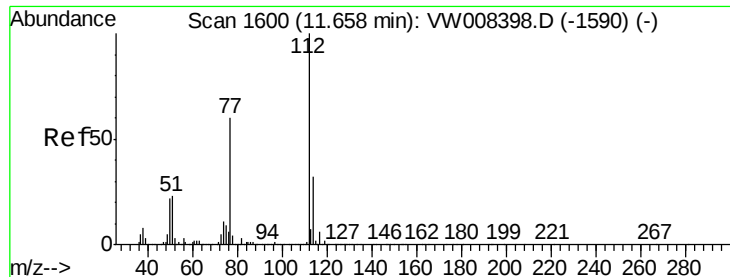
Tot Ion:117 Resp: 792474
Ion Ratio Lower Upper
117 100
82 54.6 45.4 68.0
119 31.8 26.2 39.4



#64
Tetrachloroethene
Concen: 52.400 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008517.D
Acq: 06 Feb 2019 10:15

Tgt Ion:164 Resp: 281157
Ion Ratio Lower Upper
164 100
166 124.1 101.4 152.0
129 89.2 71.0 106.6
131 86.8 68.3 102.5

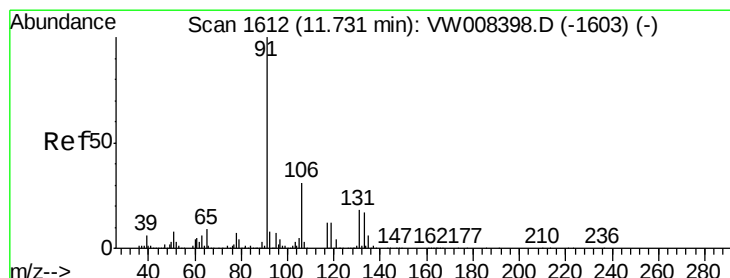
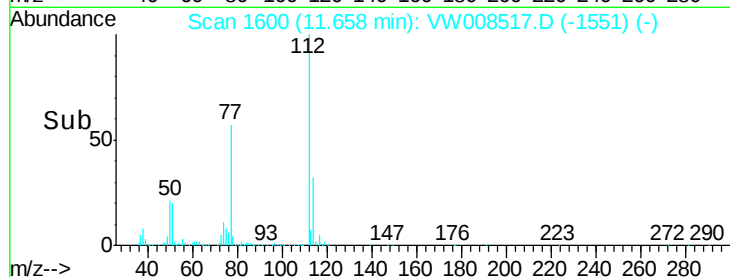
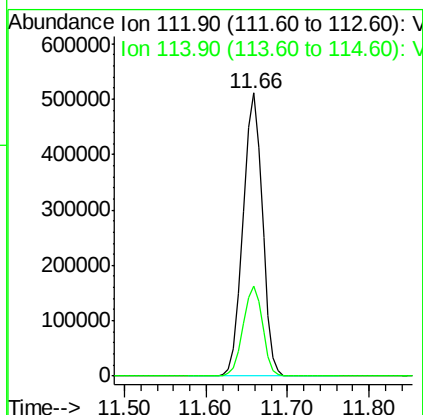
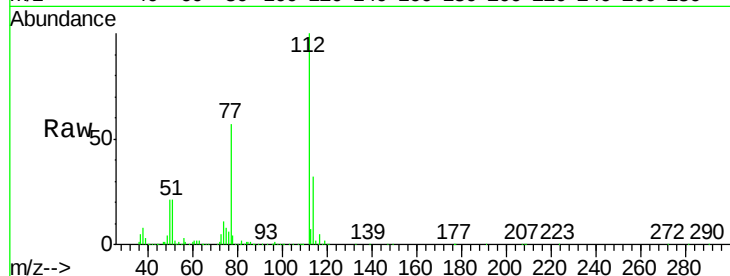




#65
Chlorobenzene
Concen: 51.788 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008517.D
Acq: 06 Feb 2019 10:15

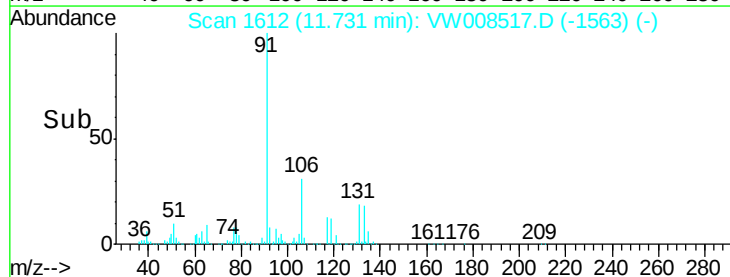
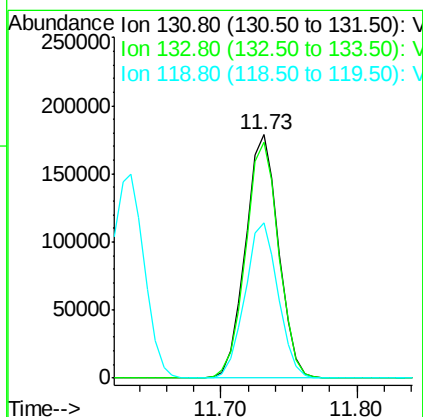
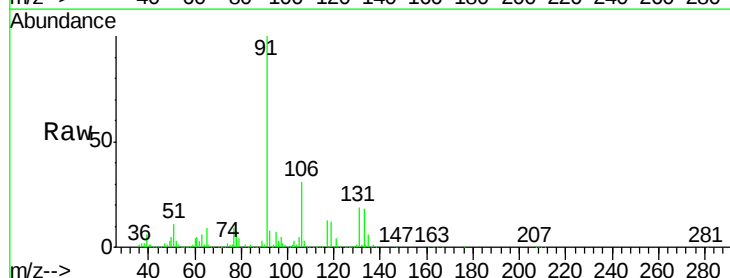
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

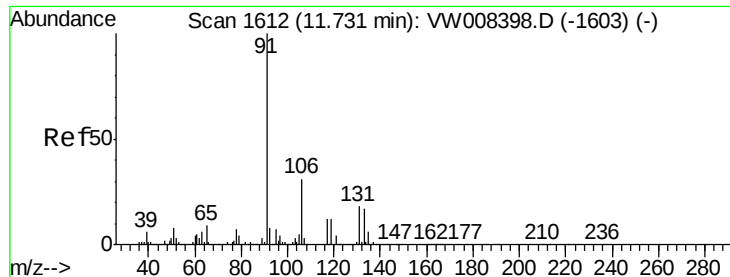
Tot Ion:112 Resp: 837779
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 52.410 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008517.D
Acq: 06 Feb 2019 10:15

Tgt Ion:131 Resp: 303345
Ion Ratio Lower Upper
131 100
133 97.5 47.0 141.2
119 63.8 32.1 96.3





#67

Ethyl Benzene

Concen: 50.832 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008517.D

Acq: 06 Feb 2019 10:15

Instrument :

MSVOA_W

ClientSampled :

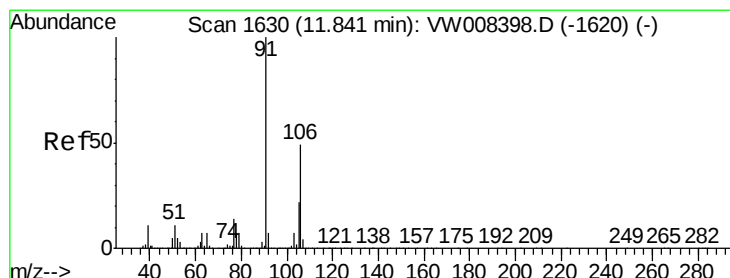
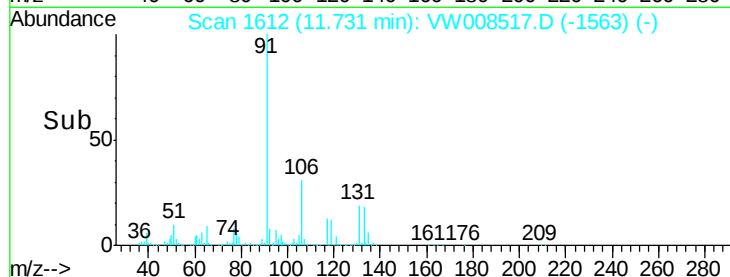
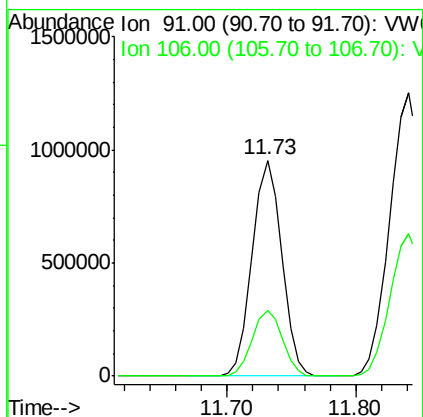
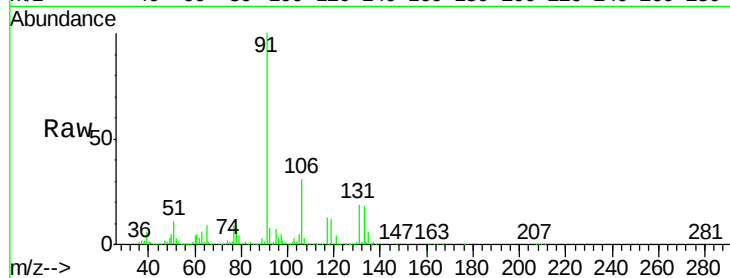
VSTDCCC050

Tot Ion: 91 Resp: 1511552

Ion Ratio Lower Upper

91 100

106 30.8 24.7 37.1



#68

m/p-Xylenes

Concen: 101.818 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW008517.D

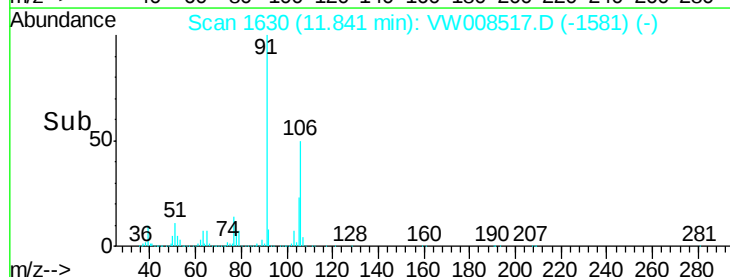
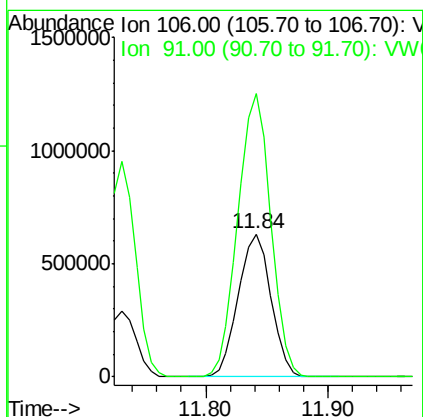
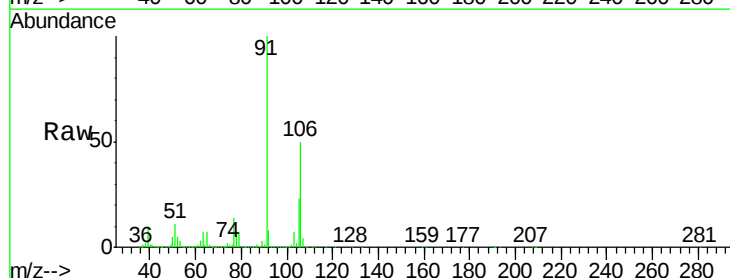
Acq: 06 Feb 2019 10:15

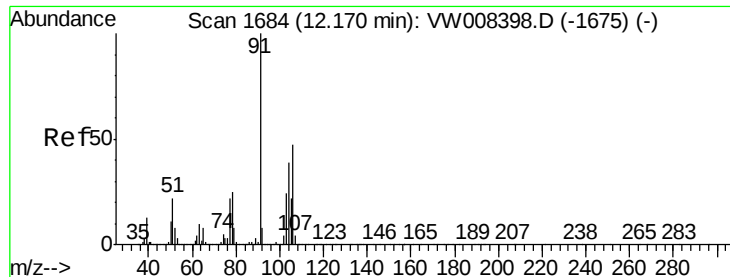
Tgt Ion: 106 Resp: 1174732

Ion Ratio Lower Upper

106 100

91 198.9 162.9 244.3

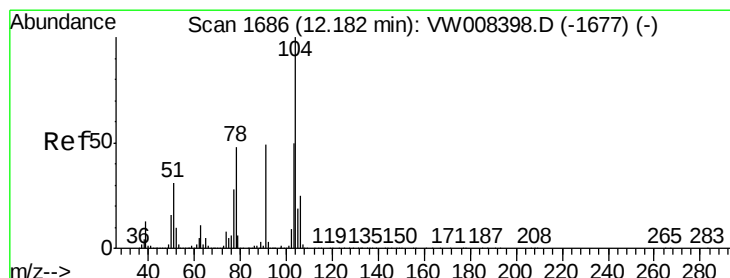
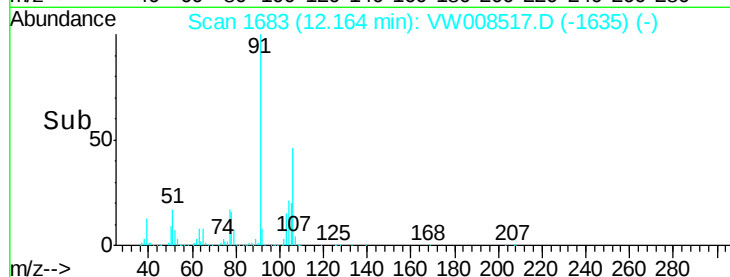
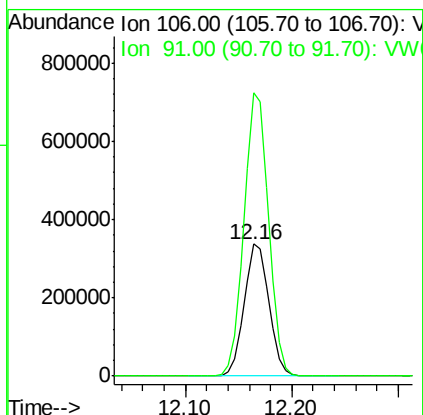
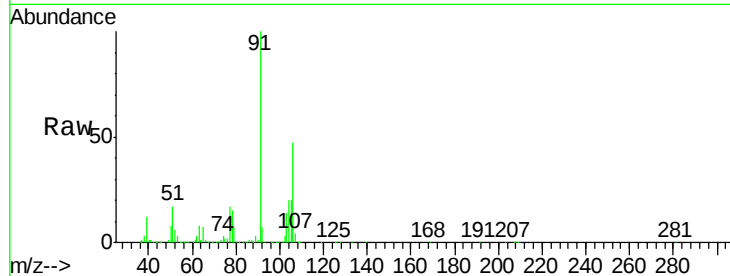




#69
o-Xylene
Concen: 50.379 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008517.D
Acq: 06 Feb 2019 10:15

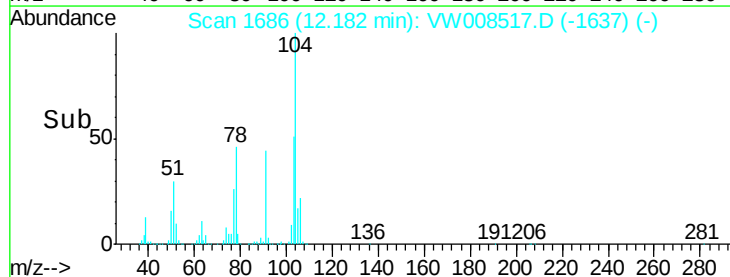
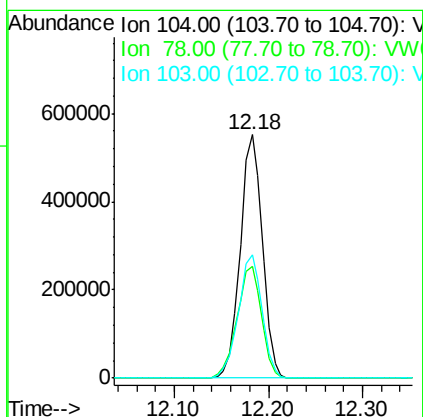
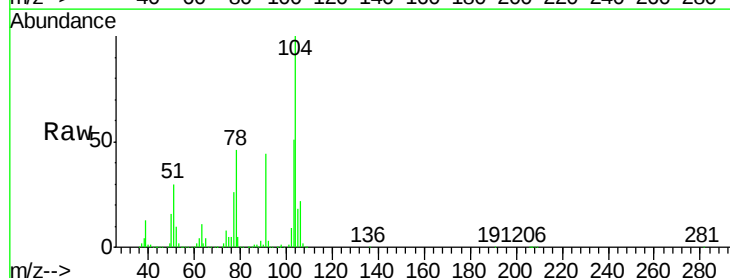
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

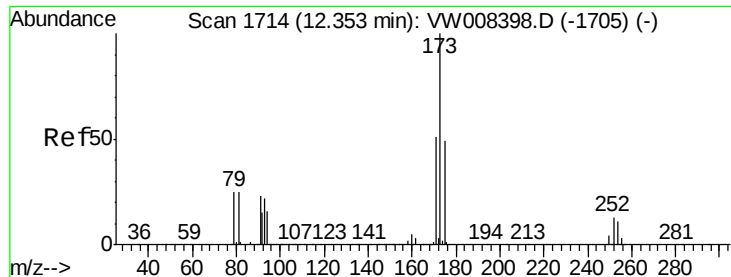
Tot Ion:106 Resp: 552272
Ion Ratio Lower Upper
106 100
91 212.9 107.5 322.4



#70
Styrene
Concen: 49.654 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008517.D
Acq: 06 Feb 2019 10:15

Tgt Ion:104 Resp: 899120
Ion Ratio Lower Upper
104 100
78 51.0 42.4 63.6
103 54.2 43.4 65.0





#71

Bromoform

Concen: 50.383 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW008517.D

Acq: 06 Feb 2019 10:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

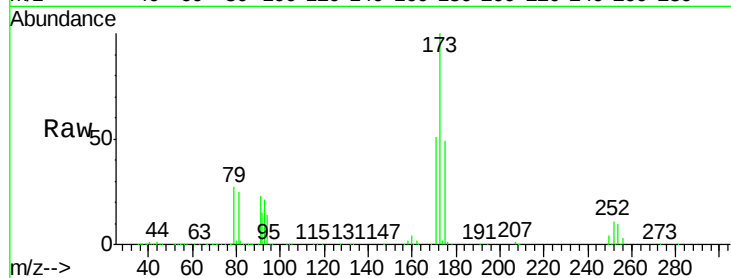
Tot Ion:173 Resp: 164072

Ion Ratio Lower Upper

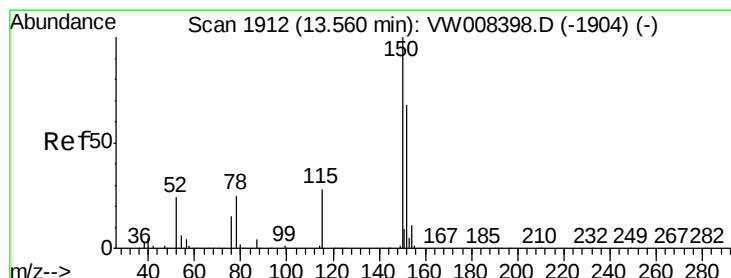
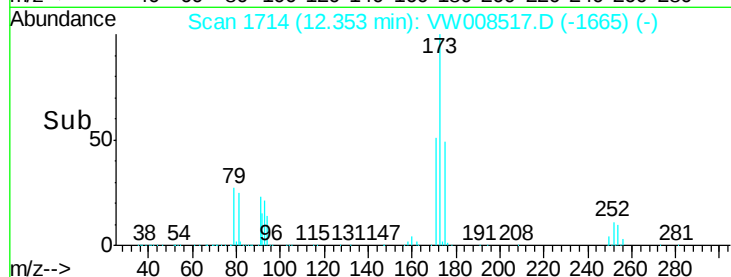
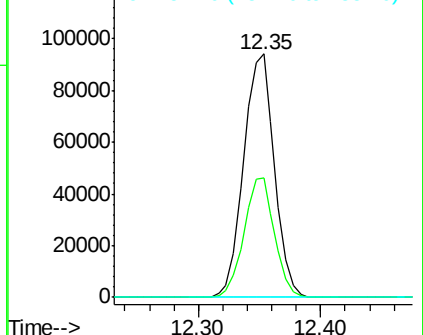
173 100

175 48.5 24.4 73.4

254 0.1 0.2 0.2#



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: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008517.D

Acq: 06 Feb 2019 10:15

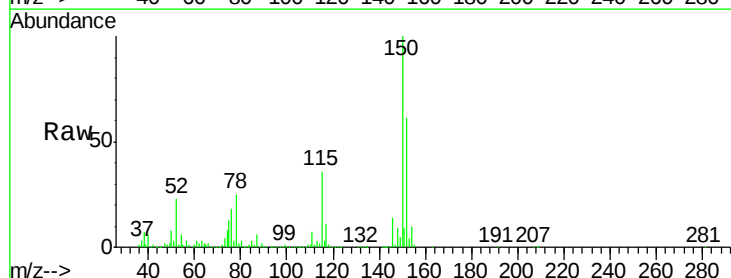
Tgt Ion:152 Resp: 408511

Ion Ratio Lower Upper

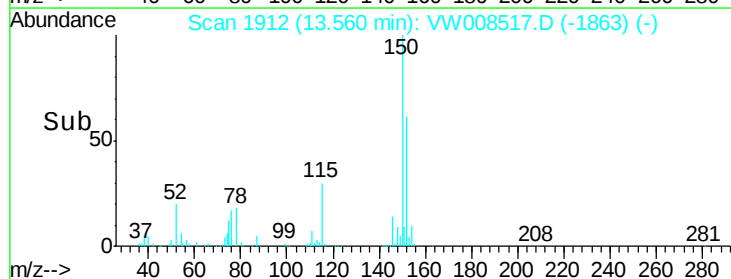
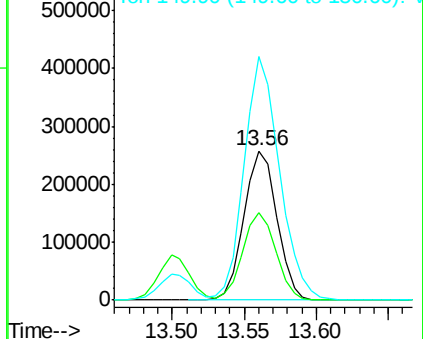
152 100

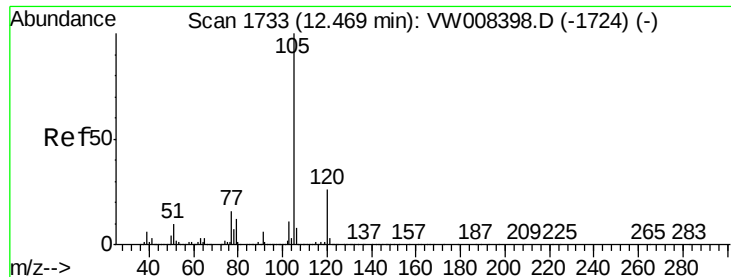
115 58.4 29.9 89.7

150 175.1 0.0 351.4



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: 51.120 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW008517.D

Acq: 06 Feb 2019 10:15

Instrument :

MSVOA_W

ClientSampleId :

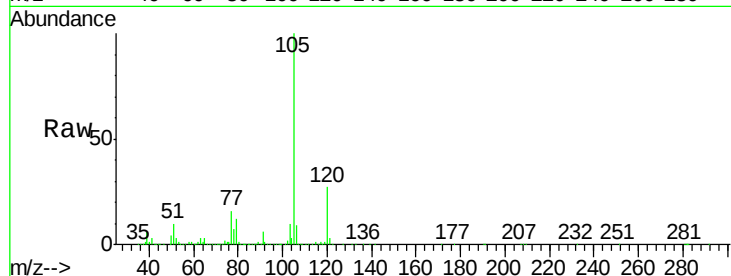
VSTDCCC050

Tot Ion:105 Resp: 1556872

Ion Ratio Lower Upper

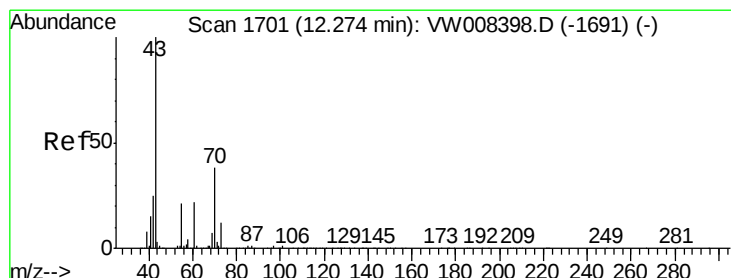
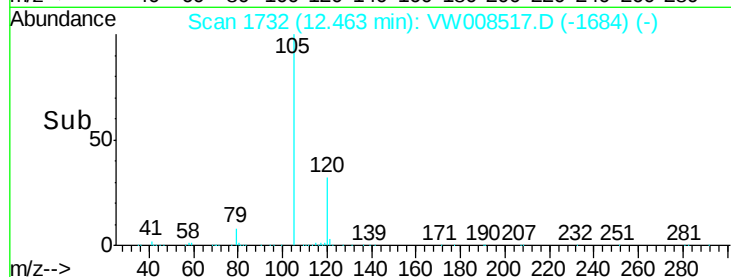
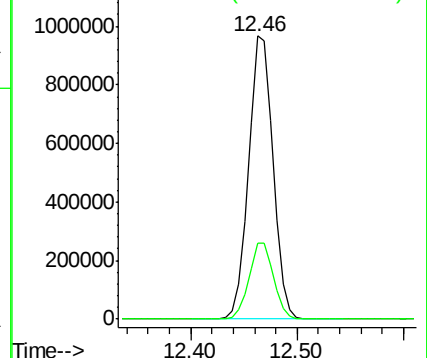
105 100

120 26.8 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.955 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008517.D

Acq: 06 Feb 2019 10:15

Tgt Ion: 43 Resp: 368401

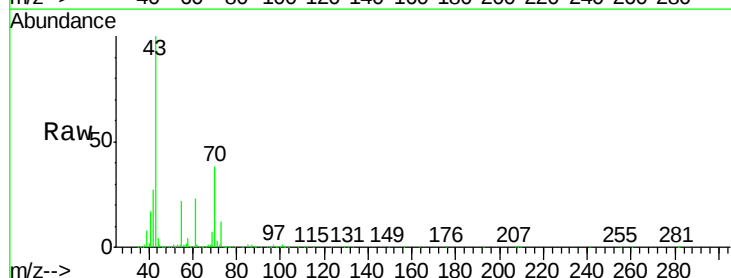
Ion Ratio Lower Upper

43 100

70 39.5 31.0 46.6

55 22.0 17.4 26.2

61 22.5 18.2 27.4

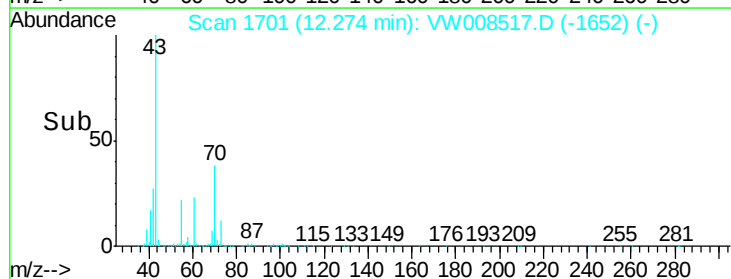
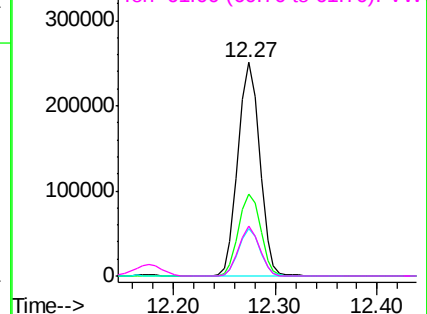


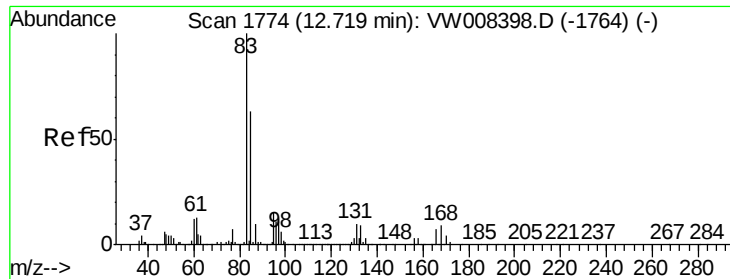
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 50.440 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW008517.D

Acq: 06 Feb 2019 10:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

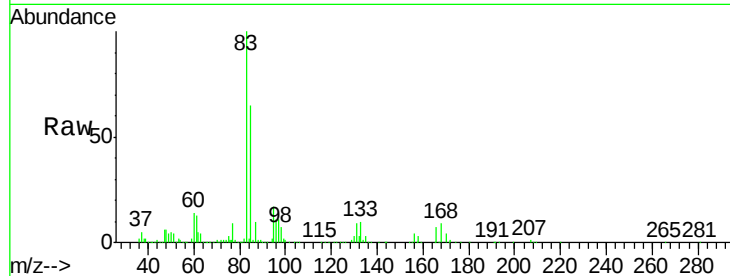
Tot Ion: 83 Resp: 243207

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.4

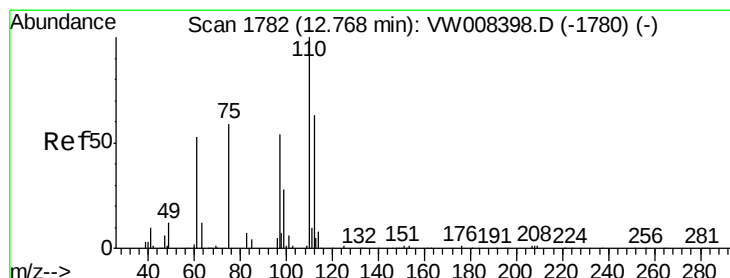
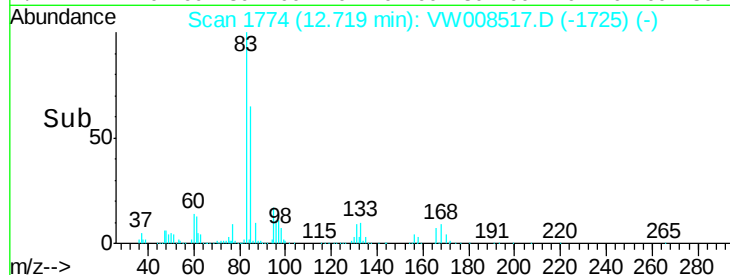
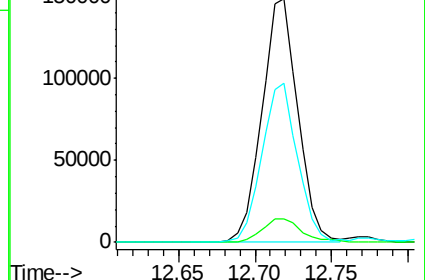
85 65.2 31.9 95.5



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: 49.974 ug/l m

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008517.D

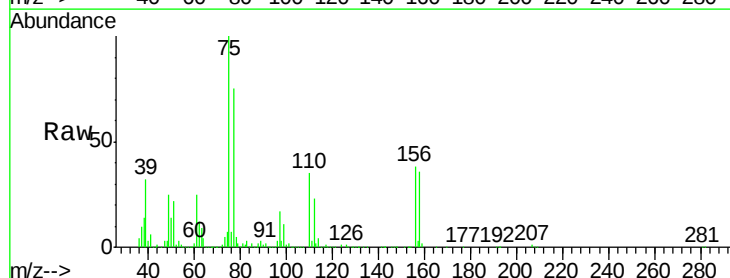
Acq: 06 Feb 2019 10:15

Tgt Ion: 75 Resp: 177495

Ion Ratio Lower Upper

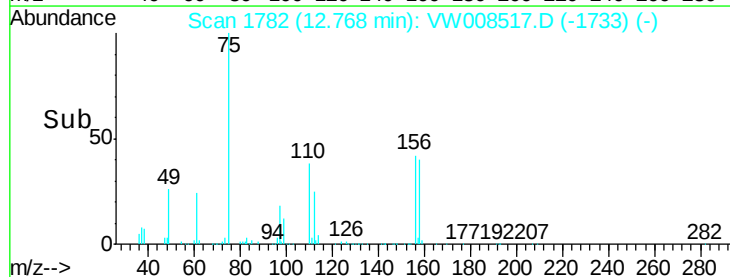
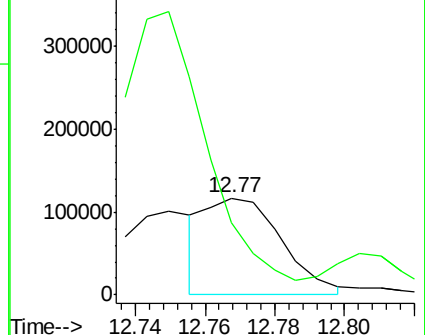
75 100

77 353.0 180.7 542.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 52.456 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008517.D

Acq: 06 Feb 2019 10:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

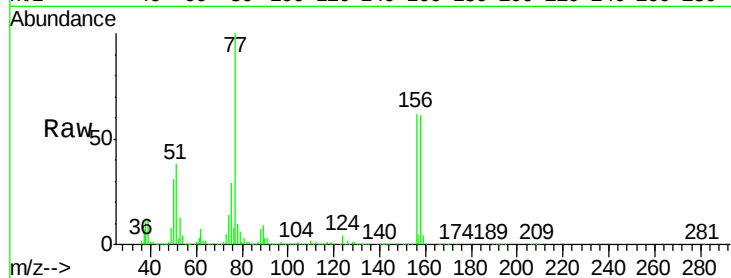
Tot Ion:156 Resp: 348891

Ion Ratio Lower Upper

156 100

77 179.6 96.9 290.7

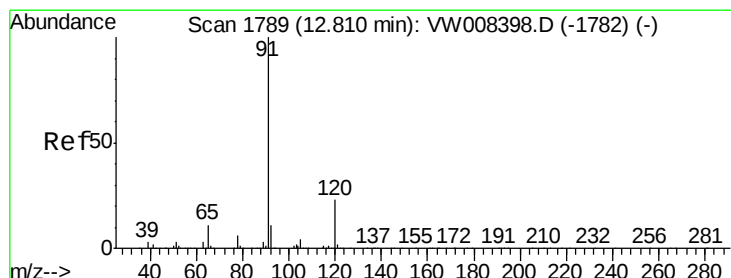
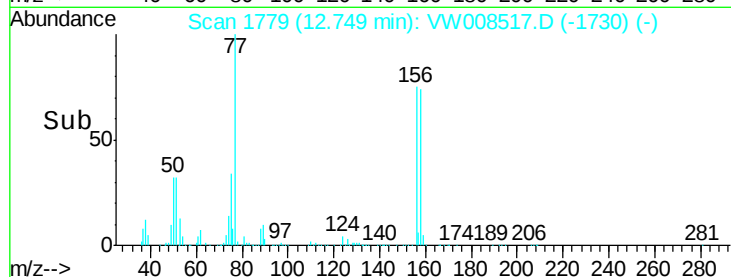
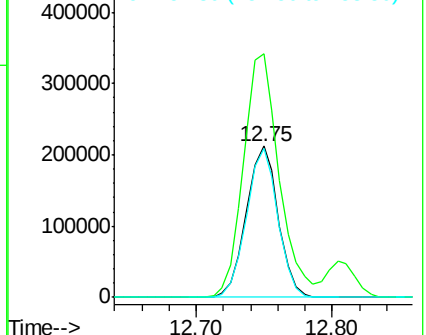
158 96.7 48.8 146.4



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: 51.026 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008517.D

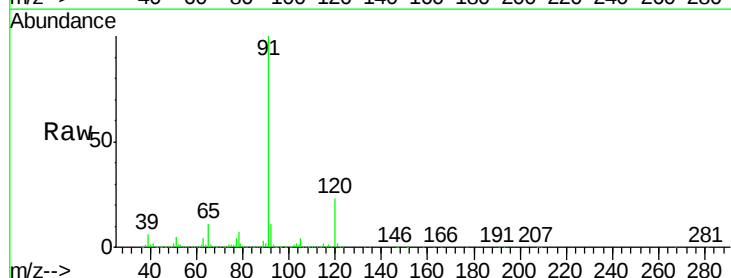
Acq: 06 Feb 2019 10:15

Tgt Ion: 91 Resp: 1866466

Ion Ratio Lower Upper

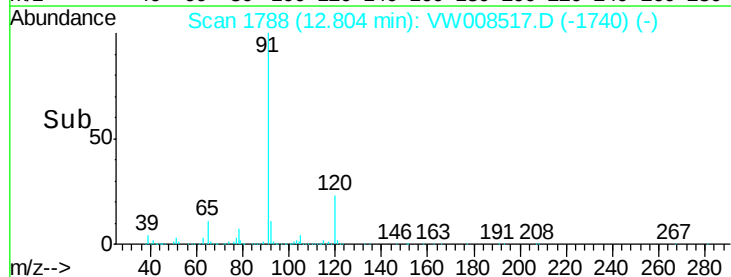
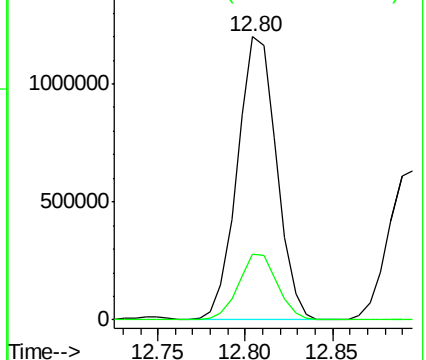
91 100

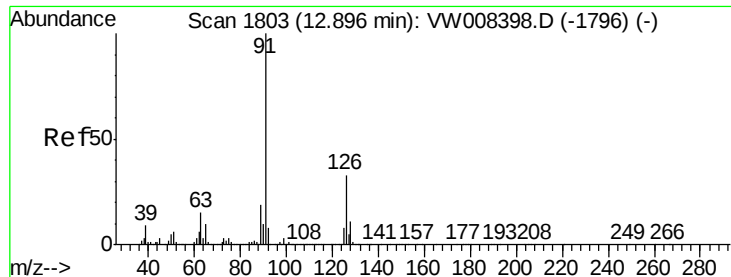
120 23.2 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

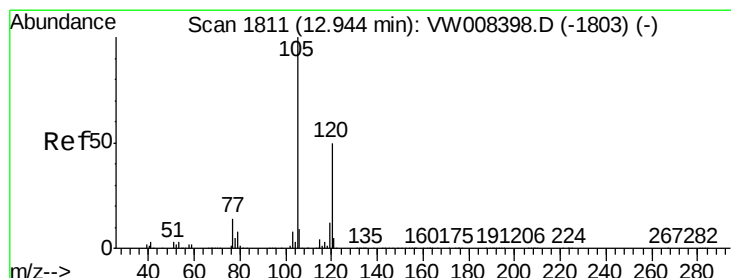
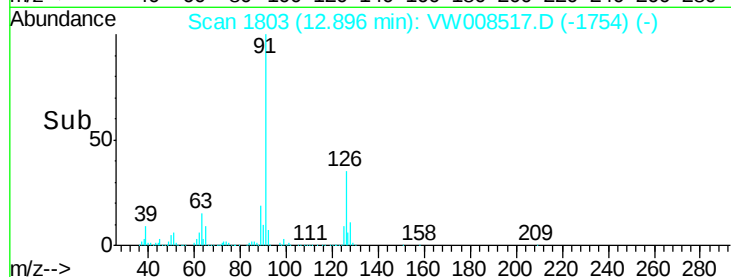
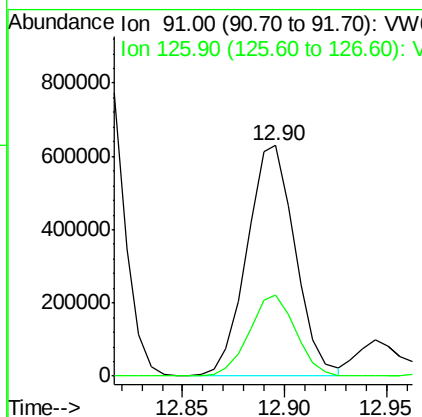
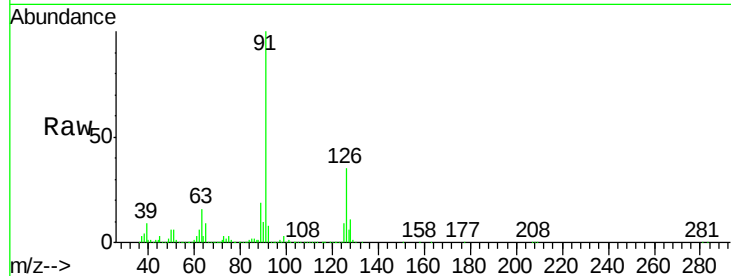




#79
2-Chlorotoluene
Concen: 50.042 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW008517.D
Acq: 06 Feb 2019 10:15

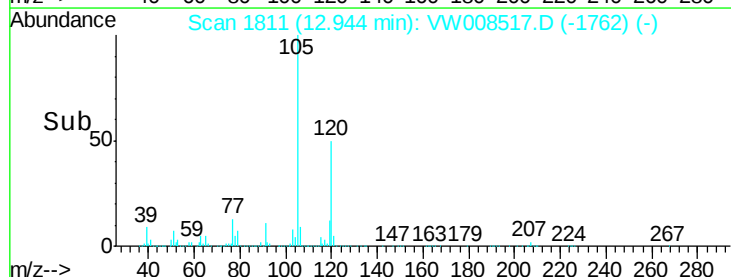
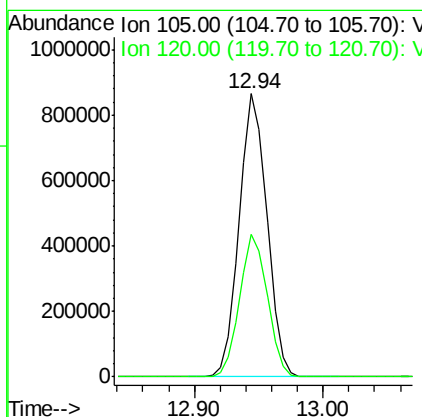
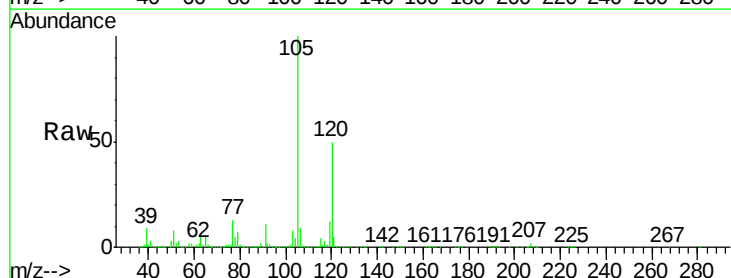
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

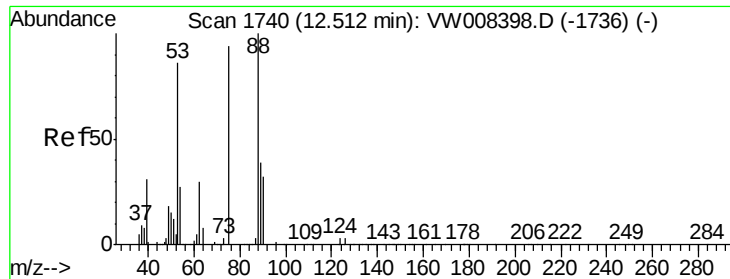
Tot Ion: 91 Resp: 1032928
Ion Ratio Lower Upper
91 100
126 34.1 16.5 49.5



#80
1,3,5-Trimethylbenzene
Concen: 50.706 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW008517.D
Acq: 06 Feb 2019 10:15

Tgt Ion: 105 Resp: 1290737
Ion Ratio Lower Upper
105 100
120 50.3 24.6 73.8

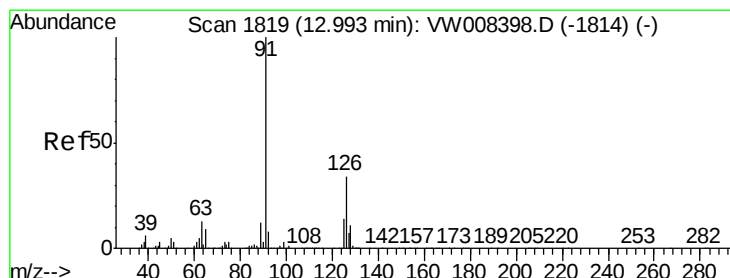
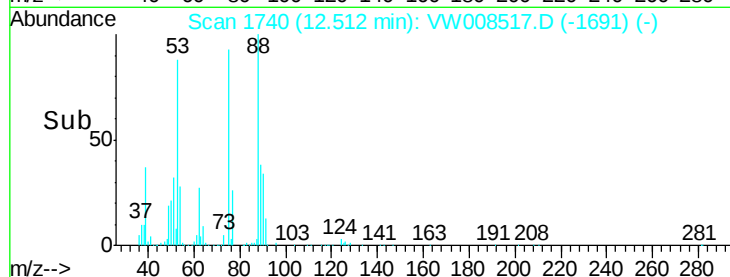
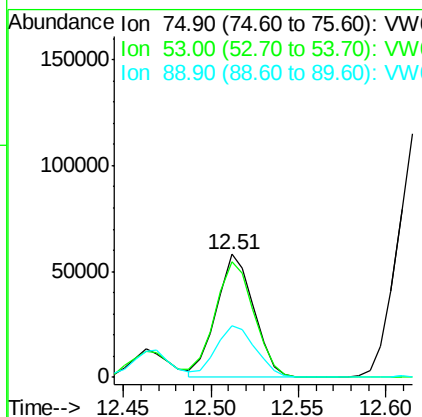
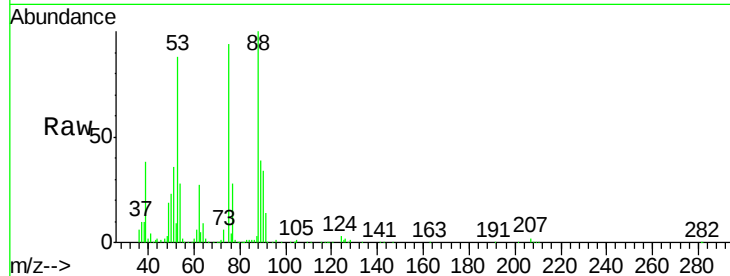




#81
trans-1,4-Dichloro-2-butene
Concen: 47.815 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW008517.D
Acq: 06 Feb 2019 10:15

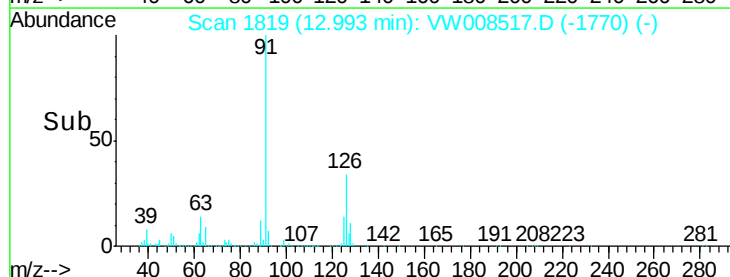
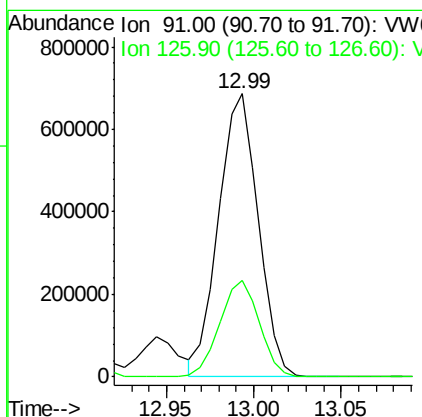
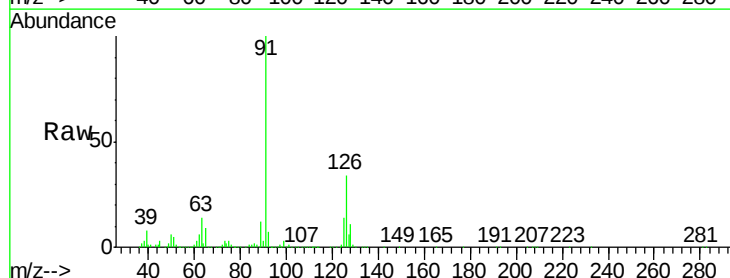
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

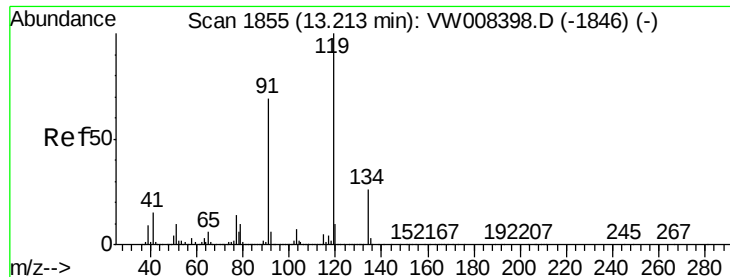
Tot Ion: 75 Resp: 85984
Ion Ratio Lower Upper
75 100
53 99.6 76.0 114.0
89 44.4 35.4 53.0



#82
4-Chlorotoluene
Concen: 49.197 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW008517.D
Acq: 06 Feb 2019 10:15

Tgt Ion: 91 Resp: 1081179
Ion Ratio Lower Upper
91 100
126 34.1 16.4 49.2





#83

tert-Butylbenzene

Concen: 52.134 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.01 min

Lab File: VW008517.D

Acq: 06 Feb 2019 10:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

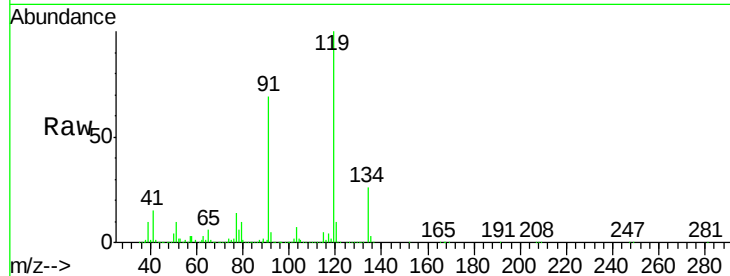
Tot Ion:119 Resp: 1180967

Ion Ratio Lower Upper

119 100

91 64.9 33.8 101.4

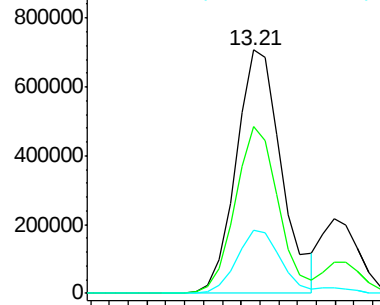
134 26.7 13.5 40.4



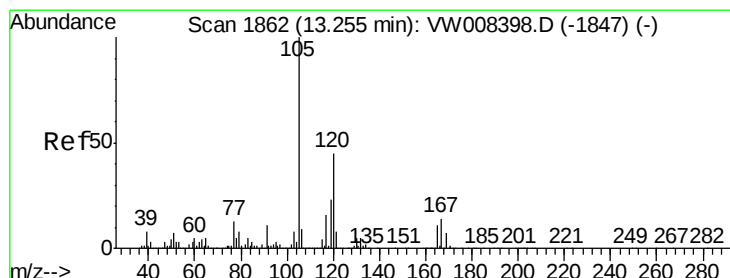
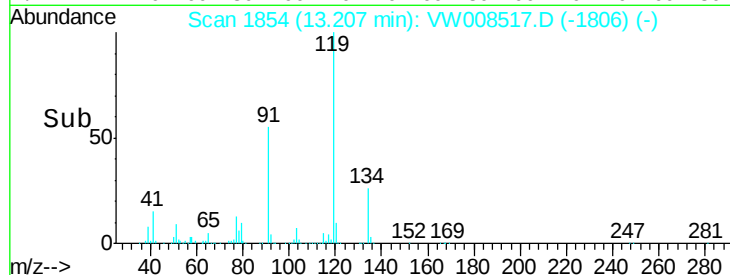
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



Time-->



#84

1,2,4-Trimethylbenzene

Concen: 51.013 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW008517.D

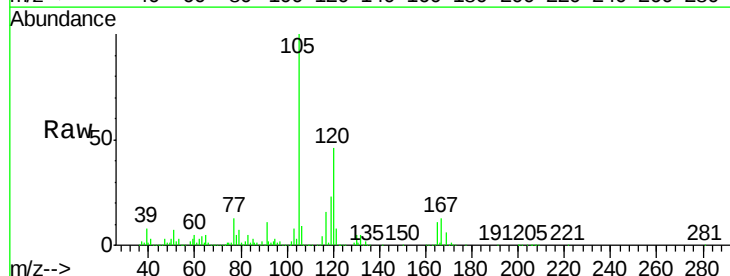
Acq: 06 Feb 2019 10:15

Tgt Ion:105 Resp: 1319883

Ion Ratio Lower Upper

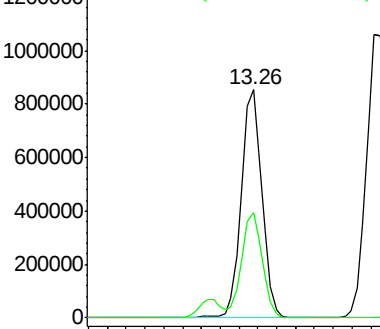
105 100

120 46.0 23.1 69.2

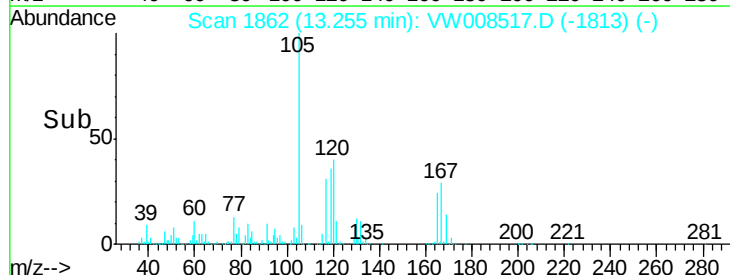


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





#85

sec-Butylbenzene

Concen: 51.668 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VW008517.D

Acq: 06 Feb 2019 10:15

Instrument :

MSVOA_W

ClientSampleId :

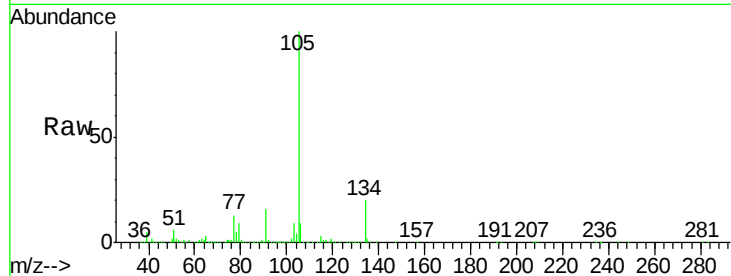
VSTDCCC050

Tot Ion:105 Resp: 1671491

Ion Ratio Lower Upper

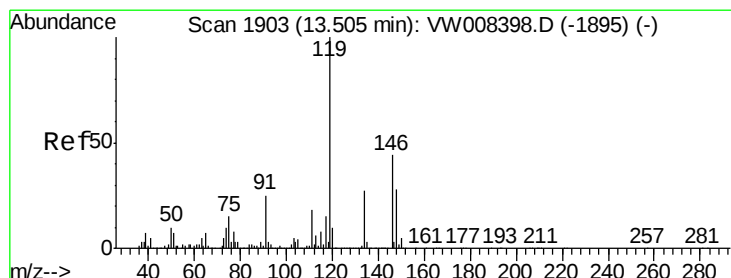
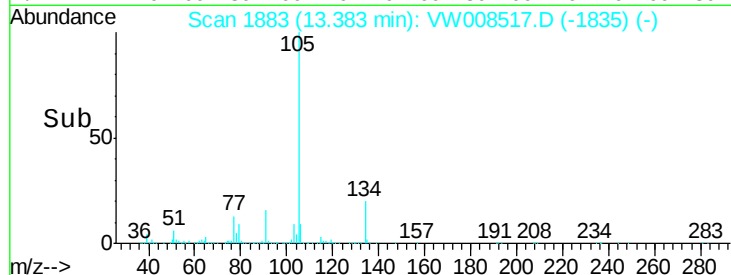
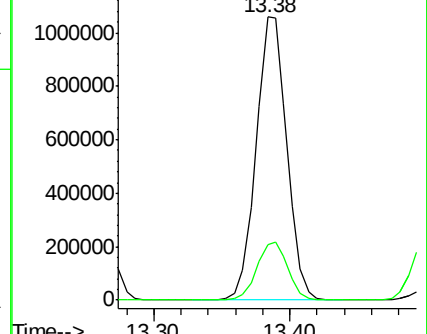
105 100

134 20.6 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.933 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008517.D

Acq: 06 Feb 2019 10:15

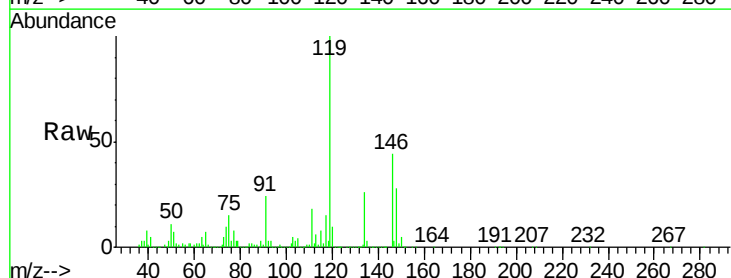
Tgt Ion:119 Resp: 1499974

Ion Ratio Lower Upper

119 100

134 26.1 13.4 40.2

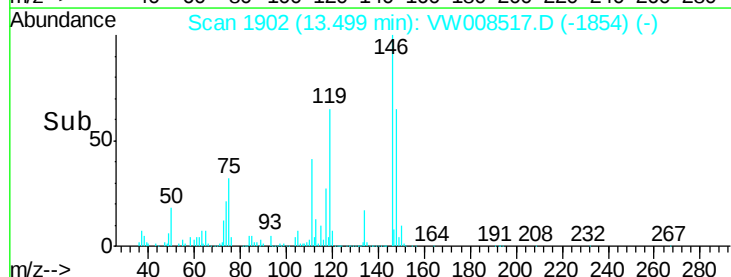
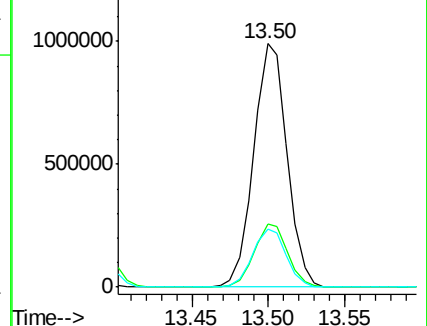
91 24.1 12.6 37.6



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

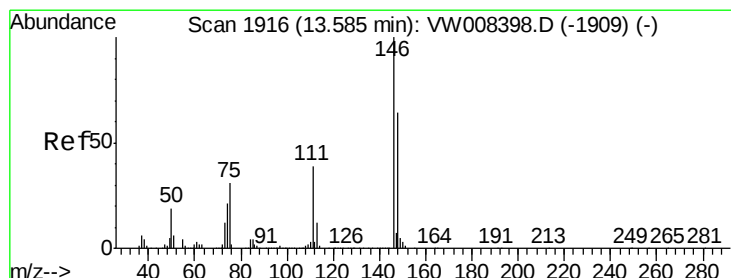
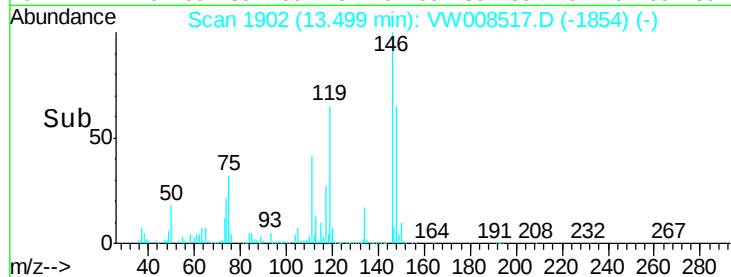
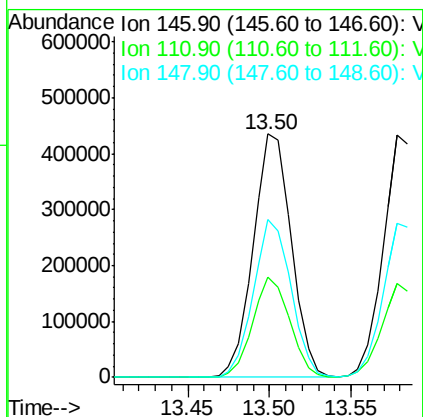
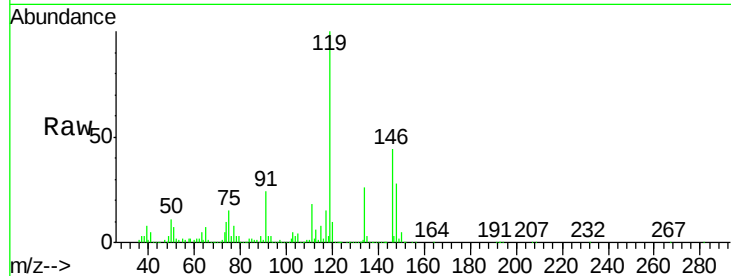




#87
 1,3-Dichlorobenzene
 Concen: 52.536 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008517.D
 Acq: 06 Feb 2019 10:15

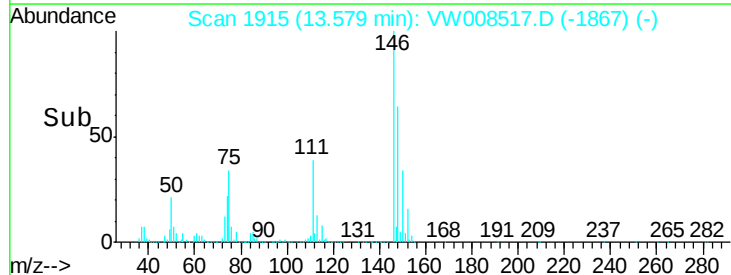
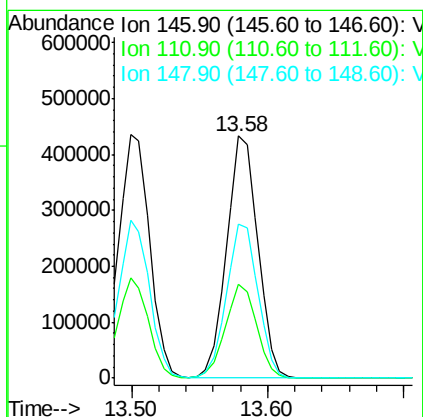
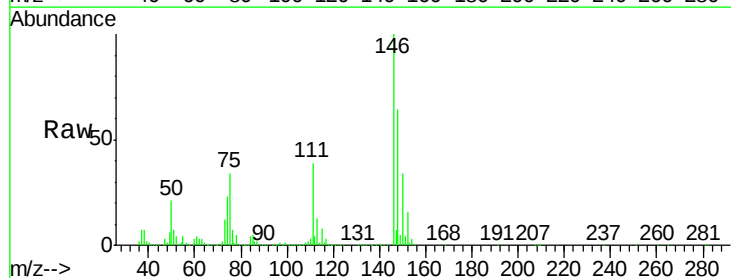
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

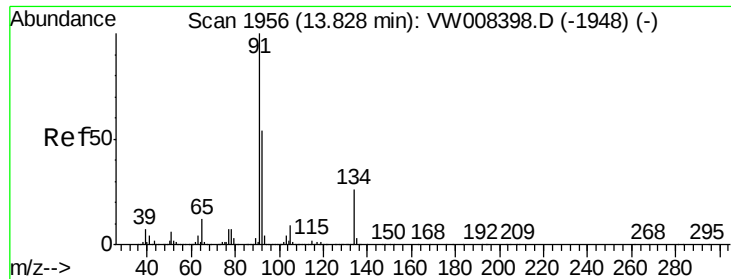
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.3	60.9
148	63.9	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 51.770 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.01 min
 Lab File: VW008517.D
 Acq: 06 Feb 2019 10:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	20.0	60.0
148	64.2	32.0	96.2

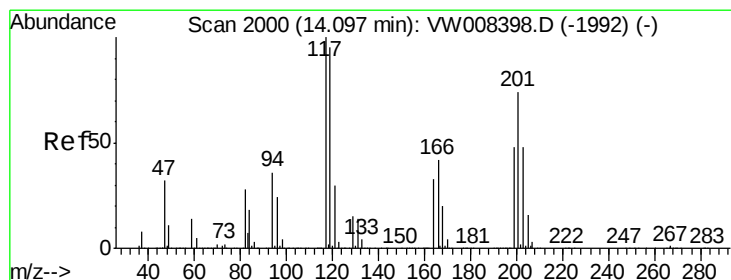
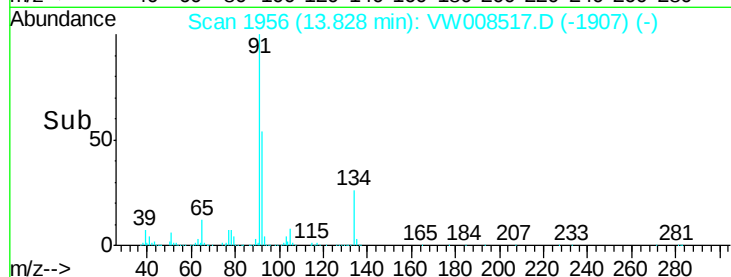
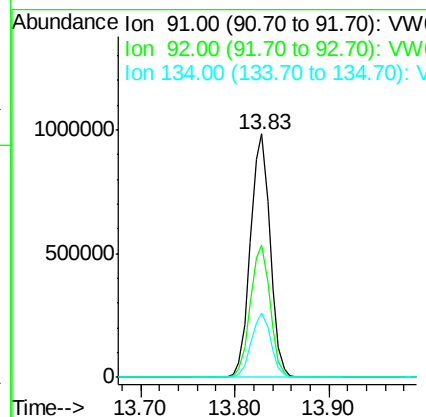
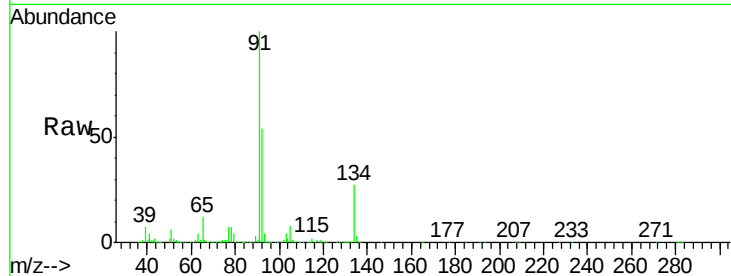




#89
n-Butylbenzene
Concen: 51.544 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW008517.D
Acq: 06 Feb 2019 10:15

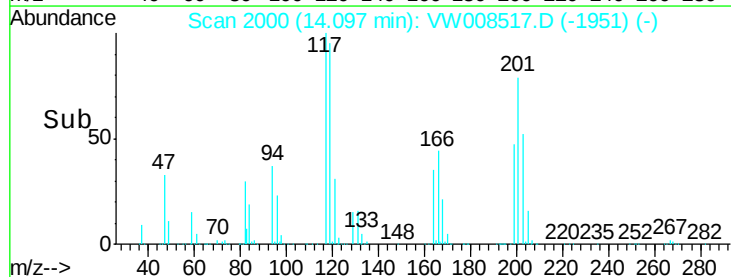
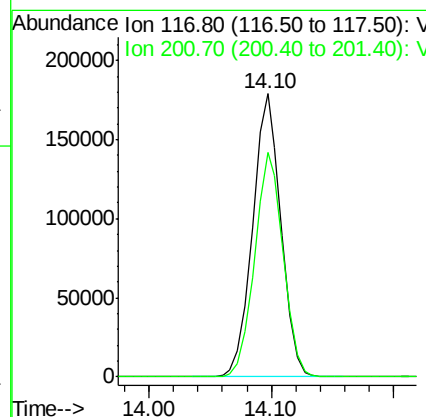
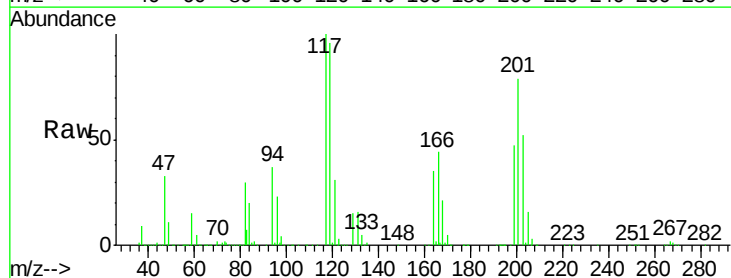
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

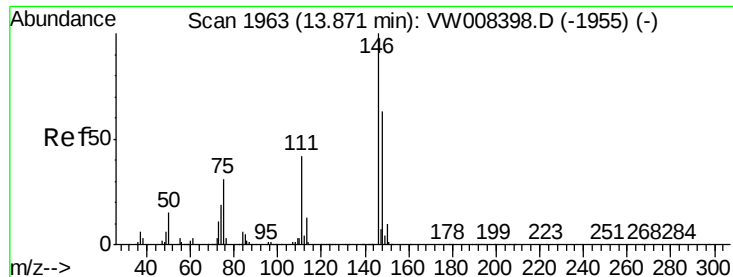
Tot Ion: 91 Resp: 1434120
Ion Ratio Lower Upper
91 100
92 54.4 27.4 82.2
134 26.4 13.0 39.0



#90
Hexachloroethane
Concen: 51.766 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW008517.D
Acq: 06 Feb 2019 10:15

Tgt Ion: 117 Resp: 286871
Ion Ratio Lower Upper
117 100
201 80.1 39.1 117.5

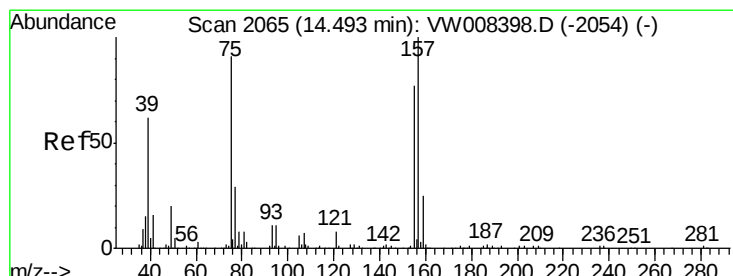
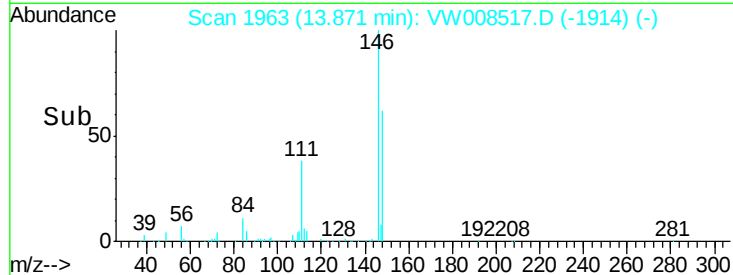
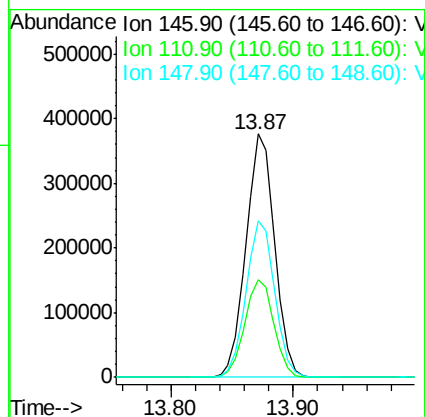
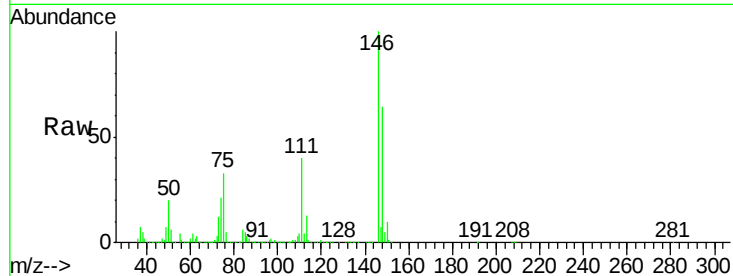




#91
 1,2-Dichlorobenzene
 Concen: 51.585 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW008517.D
 Acq: 06 Feb 2019 10:15

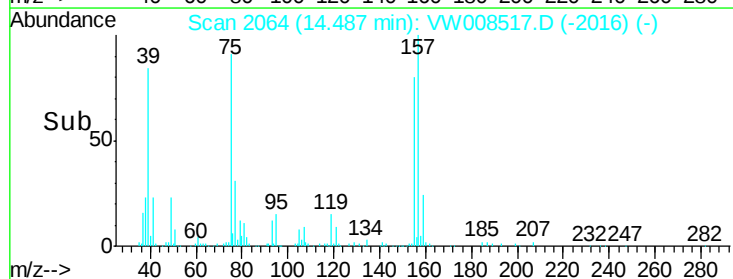
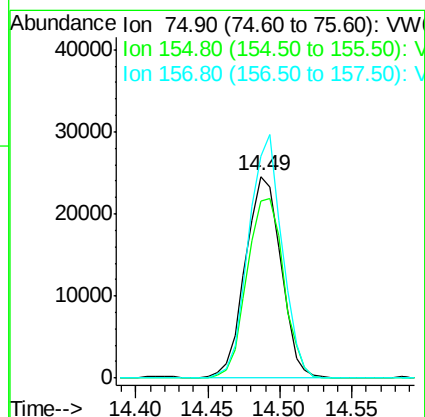
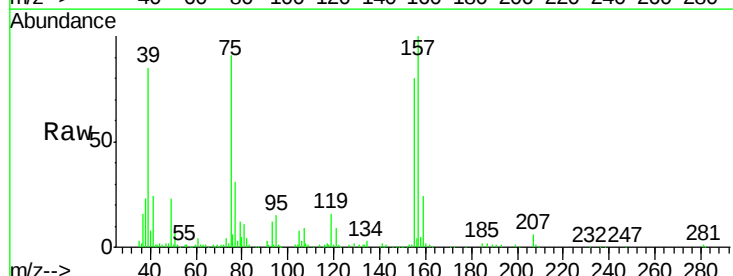
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

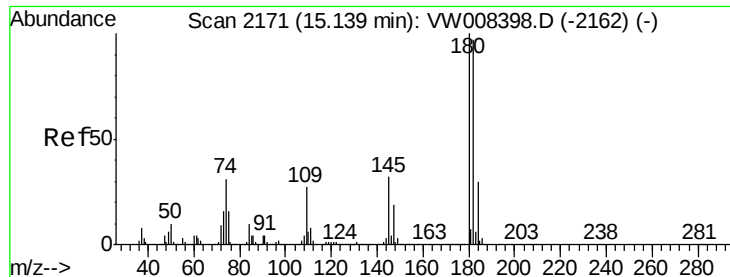
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	21.1	63.3
148	64.0	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.185 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW008517.D
 Acq: 06 Feb 2019 10:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.3	42.7	128.1
157	112.4	55.5	166.3

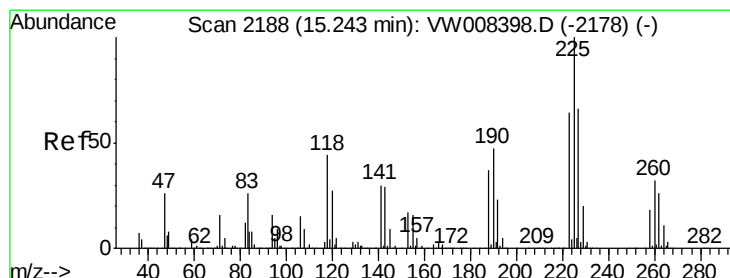
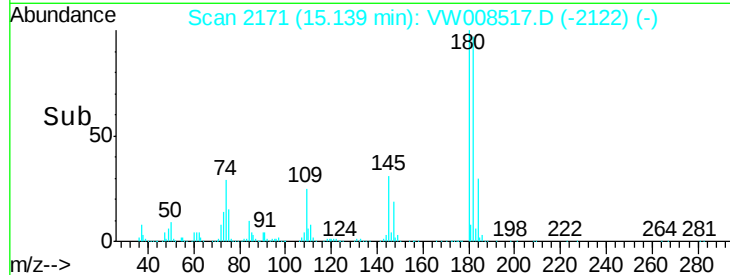
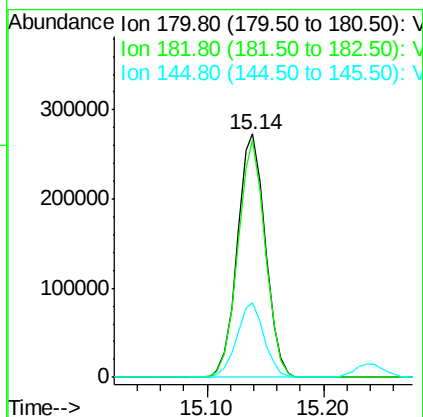
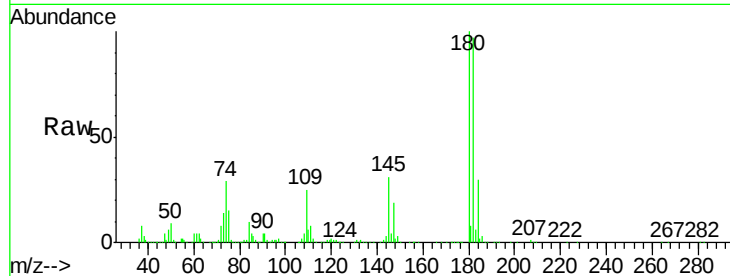




#93
 1,2,4-Trichlorobenzene
 Concen: 53.893 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008517.D
 Acq: 06 Feb 2019 10:15

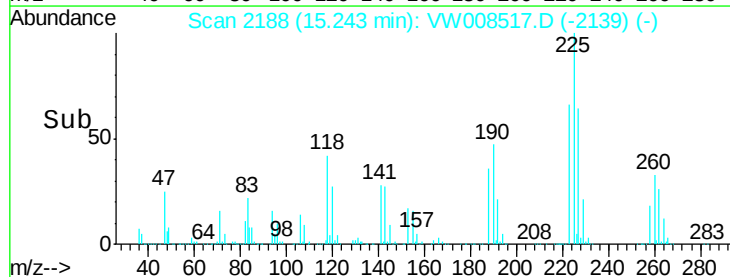
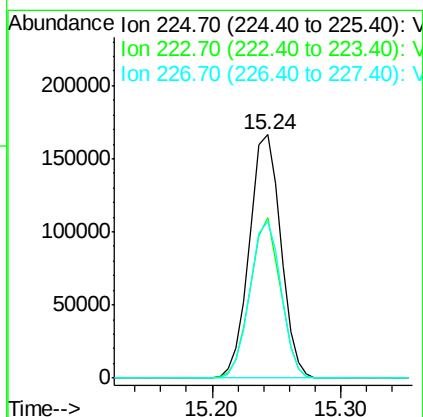
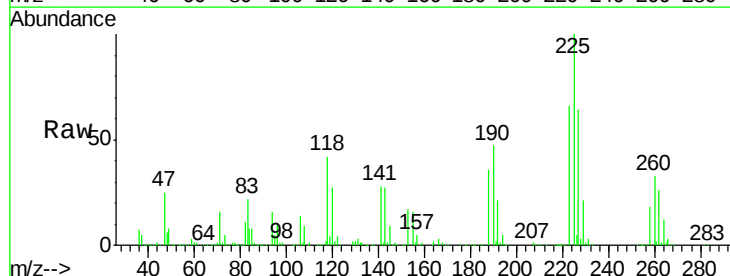
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.9	143.7
145	30.0	15.5	46.5



#94
 Hexachlorobutadiene
 Concen: 54.962 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008517.D
 Acq: 06 Feb 2019 10:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.7	95.1
227	63.9	32.1	96.3

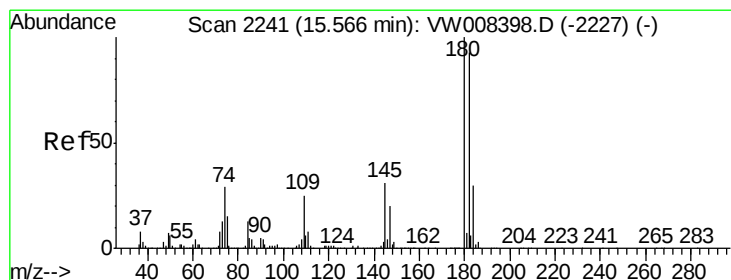
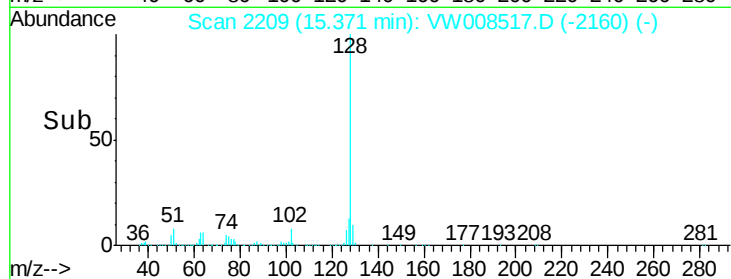
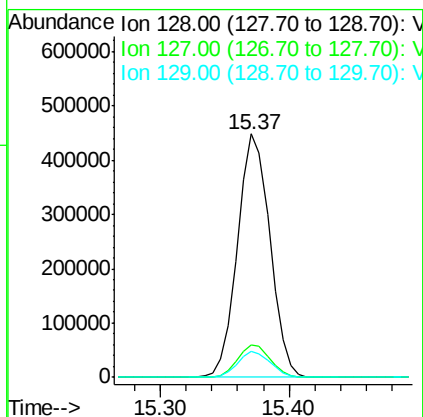
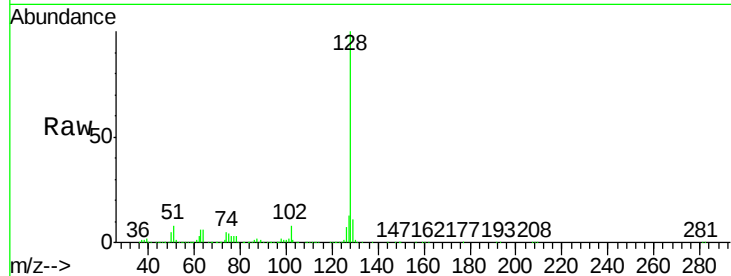




#95
Naphthalene
Concen: 52.522 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008517.D
Acq: 06 Feb 2019 10:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 782186
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 53.542 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008517.D
Acq: 06 Feb 2019 10:15

Tgt Ion:180 Resp: 385221
Ion Ratio Lower Upper
180 100
182 95.1 47.0 141.2
145 31.8 15.9 47.6

