

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011519\
 Data File : VW008278.D
 Acq On : 15 Jan 2019 12:14
 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: Jan 16 01:04:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	86923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	148195	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	138273	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	68746	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	45739	46.82	ug/l	0.00
Spiked Amount			Recovery	=	93.64%	
35) Dibromofluoromethane	7.88	113	45073	52.15	ug/l	0.00
Spiked Amount			Recovery	=	104.30%	
50) Toluene-d8	10.32	98	186379	51.39	ug/l	0.00
Spiked Amount			Recovery	=	102.78%	
62) 4-Bromofluorobenzene	12.62	95	66093	50.83	ug/l	0.00
Spiked Amount			Recovery	=	101.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	34873	49.158	ug/l	97
3) Chloromethane	2.21	50	45758	49.718	ug/l	97
4) Vinyl Chloride	2.36	62	62038	51.647	ug/l	99
5) Bromomethane	2.78	94	46769	51.976	ug/l	97
6) Chloroethane	2.92	64	42262	46.756	ug/l	93
7) Trichlorofluoromethane	3.26	101	52826	54.095	ug/l	95
8) Diethyl Ether	3.68	74	25645	46.453	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	4.06	101	48451	49.973	ug/l	99
10) Methyl Iodide	4.26	142	65630	46.445	ug/l	97
11) Tert butyl alcohol	5.21	59	12809m	209.610	ug/l	
12) 1,1-Dichloroethene	4.03	96	47230	49.616	ug/l	96
13) Acrolein	3.90	56	17758	273.170	ug/l	95
14) Allyl chloride	4.66	41	80734	46.714	ug/l	98
15) Acrylonitrile	5.37	53	50023	238.002	ug/l	98
16) Acetone	4.13	43	51355	296.370	ug/l	93
17) Carbon Disulfide	4.37	76	144766	48.683	ug/l	100
18) Methyl Acetate	4.67	43	31963	51.766	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	68556	44.300	ug/l	99
20) Methylene Chloride	4.90	84	48929	50.962	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	52197	50.459	ug/l	95
22) Diisopropyl ether	6.31	45	155513	47.181	ug/l	98
23) Vinyl Acetate	6.25	43	413601	238.922	ug/l	100
24) 1,1-Dichloroethane	6.21	63	94002	48.946	ug/l	97
25) 2-Butanone	7.17	43	66000	242.812	ug/l	98
26) 2,2-Dichloropropane	7.16	77	63555	48.840	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	56092	49.699	ug/l	97
28) Bromochloromethane	7.51	49	37918	49.917	ug/l	99
29) Tetrahydrofuran	7.53	42	41335	227.655	ug/l	99
30) Chloroform	7.67	83	93219	50.994	ug/l	93
31) Cyclohexane	7.95	56	91972	44.735	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	80007	50.300	ug/l	99
36) 1,1-Dichloropropene	8.08	75	78592	51.483	ug/l	98
37) Ethyl Acetate	7.25	43	27927	45.663	ug/l	99
38) Carbon Tetrachloride	8.07	117	75670	54.157	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011519\
 Data File : VW008278.D
 Acq On : 15 Jan 2019 12:14
 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: Jan 16 01:04:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	99712	51.514	ug/l	93
40) Benzene	8.32	78	216308	52.242	ug/l	98
41) Methacrylonitrile	7.48	41	19044	49.294	ug/l	92
42) 1,2-Dichloroethane	8.40	62	56818	48.791	ug/l	99
43) Isopropyl Acetate	8.42	43	58218	47.610	ug/l	99
44) Trichloroethene	9.09	130	56849	53.636	ug/l	95
45) 1,2-Dichloropropane	9.37	63	53337	51.952	ug/l	100
46) Dibromomethane	9.46	93	26852	53.257	ug/l	99
47) Bromodichloromethane	9.64	83	67429	52.669	ug/l #	95
48) Methyl methacrylate	9.43	41	27982	48.497	ug/l	90
49) 1,4-Dioxane	9.47	88	7225	891.052	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	144736	244.528	ug/l	100
52) Toluene	10.38	92	141396	53.473	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	68726	51.608	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	82254	52.088	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	38311	54.120	ug/l	96
56) Ethyl methacrylate	10.65	69	45539	51.946	ug/l	98
57) 1,3-Dichloropropane	10.93	76	66433	51.314	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	112091	247.529	ug/l	99
59) 2-Hexanone	10.97	43	104813	261.855	ug/l	99
60) Dibromochloromethane	11.13	129	44867	57.719	ug/l	99
61) 1,2-Dibromoethane	11.23	107	36364	54.138	ug/l	99
64) Tetrachloroethene	10.86	164	46473	51.644	ug/l	98
65) Chlorobenzene	11.66	112	150450	51.358	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	51252	53.791	ug/l	99
67) Ethyl Benzene	11.73	91	275891	51.472	ug/l	97
68) m/p-Xylenes	11.84	106	214382	104.788	ug/l	99
69) o-Xylene	12.16	106	99361	52.446	ug/l	96
70) Styrene	12.18	104	161035	54.267	ug/l	99
71) Bromoform	12.35	173	23852	55.935	ug/l #	99
73) Isopropylbenzene	12.47	105	276149	51.165	ug/l	100
74) N-amyl acetate	12.27	43	54743	45.801	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	43210	50.017	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	36286m	57.901	ug/l	
77) Bromobenzene	12.75	156	57797	50.681	ug/l	94
78) n-propylbenzene	12.80	91	335751	50.771	ug/l	99
79) 2-Chlorotoluene	12.90	91	184565	50.025	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	225911	50.936	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	13596	50.521	ug/l	99
82) 4-Chlorotoluene	12.99	91	191418	49.261	ug/l	97
83) tert-Butylbenzene	13.21	119	196305	50.030	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	228633	49.981	ug/l	99
85) sec-Butylbenzene	13.39	105	293741	51.105	ug/l	99
86) p-Isopropyltoluene	13.50	119	257856	51.951	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	123180	53.247	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	118236	50.942	ug/l	98
89) n-Butylbenzene	13.83	91	249155	51.254	ug/l	99
90) Hexachloroethane	14.10	117	45516	54.292	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	104775	51.535	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7061	50.788	ug/l	98

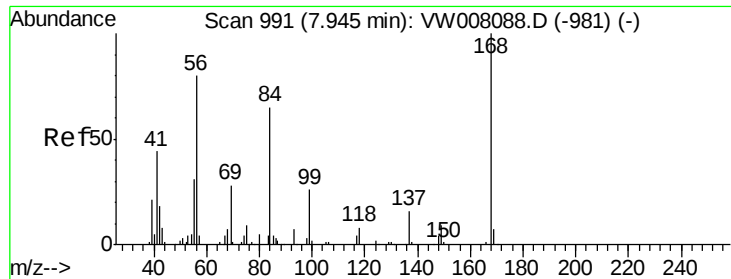
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011519\
Data File : VW008278.D
Acq On : 15 Jan 2019 12:14
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Quant Time: Jan 16 01:04:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	67298	49.857	ug/l	98
94) Hexachlorobutadiene	15.24	225	39209	54.271	ug/l	98
95) Naphthalene	15.38	128	123113	48.847	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	57799	50.230	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008278.D

Acq: 15 Jan 2019 12:14

Instrument :

MSVOA_W

ClientSampleId :

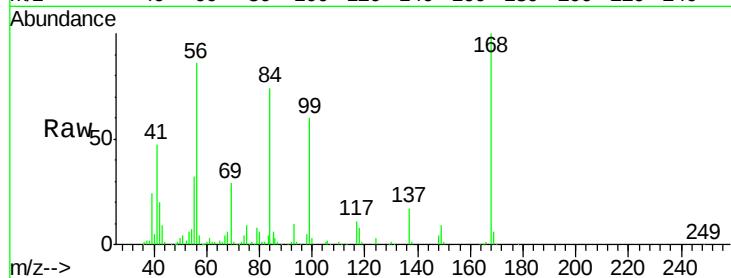
VSTDCCC050

Tot Ion:168 Resp: 86923

Ion Ratio Lower Upper

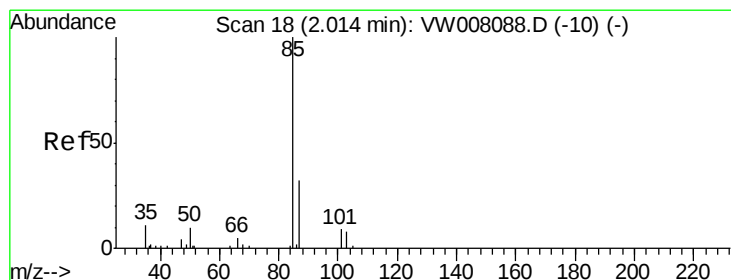
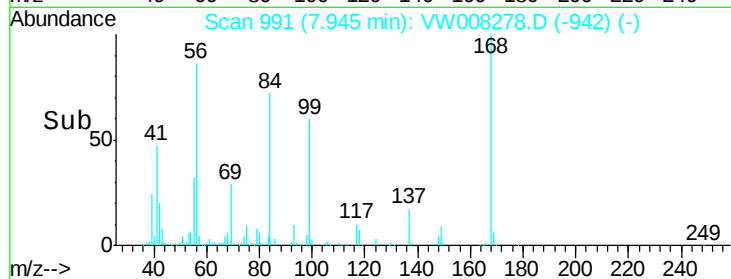
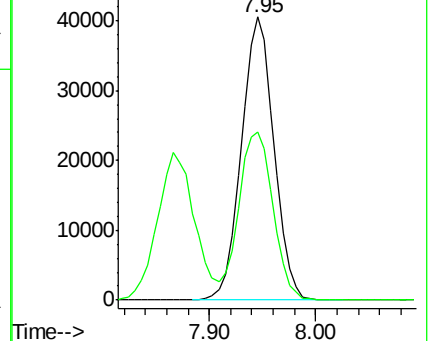
168 100

99 59.6 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 49.158 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008278.D

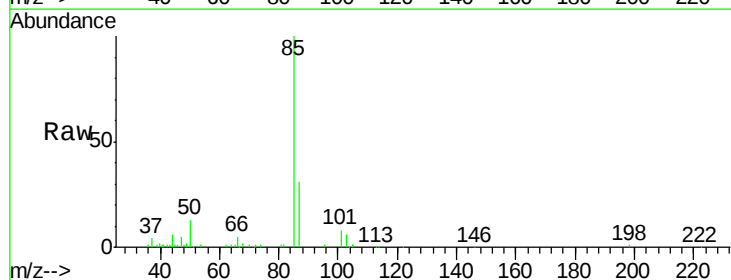
Acq: 15 Jan 2019 12:14

Tgt Ion: 85 Resp: 34873

Ion Ratio Lower Upper

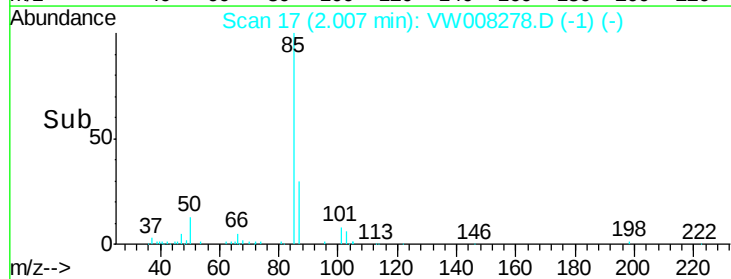
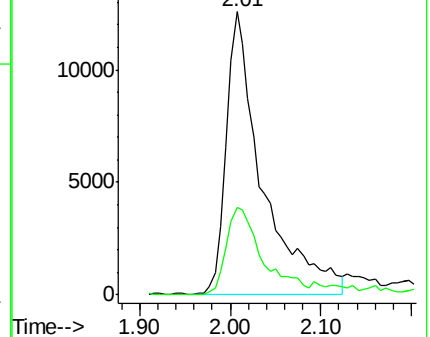
85 100

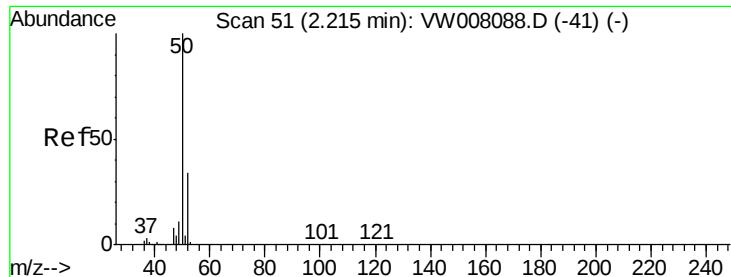
87 30.8 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 49.718 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008278.D

Acq: 15 Jan 2019 12:14

Instrument :

MSVOA_W

ClientSampleId :

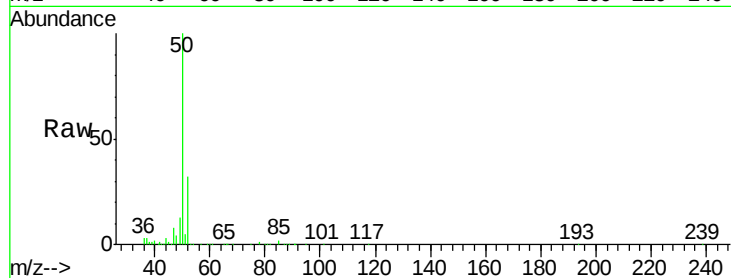
VSTDCCC050

Tot Ion: 50 Resp: 45758

Ion Ratio Lower Upper

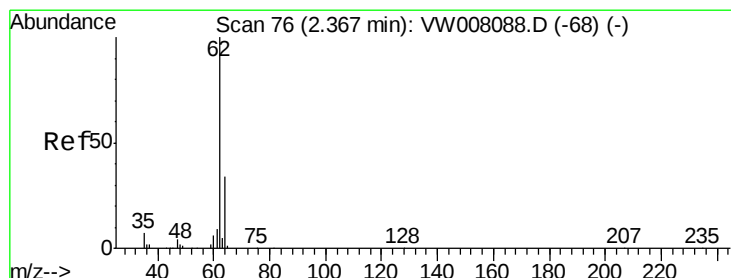
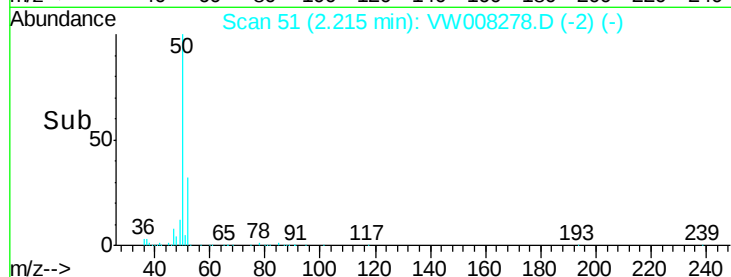
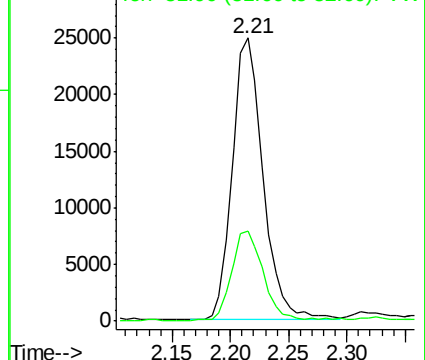
50 100

52 31.9 26.8 40.2



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 51.647 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW008278.D

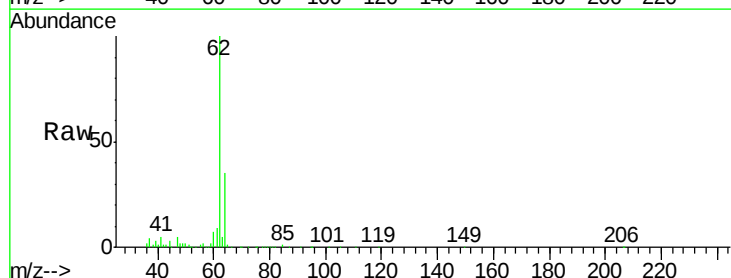
Acq: 15 Jan 2019 12:14

Tgt Ion: 62 Resp: 62038

Ion Ratio Lower Upper

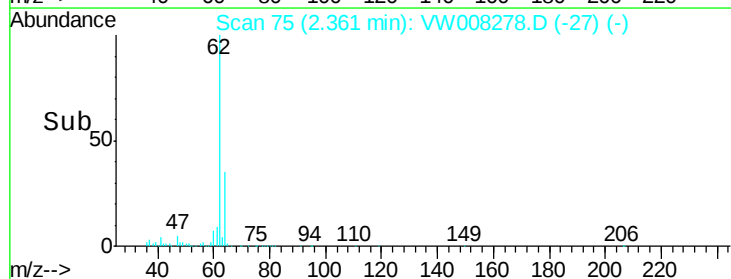
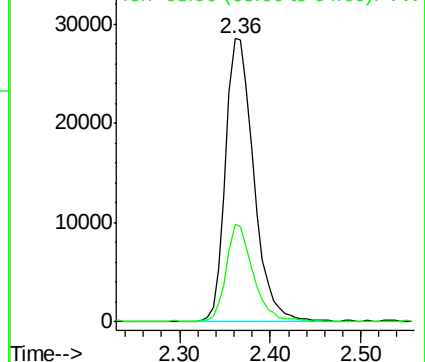
62 100

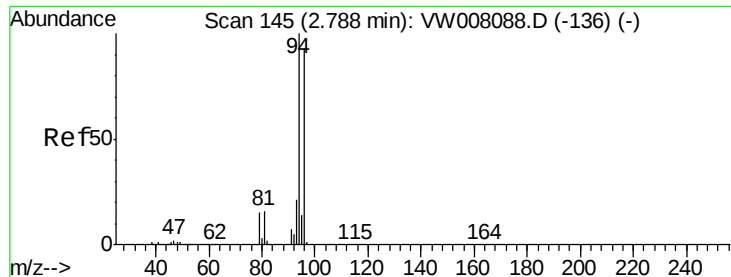
64 34.3 27.0 40.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 51.976 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW008278.D

Acq: 15 Jan 2019 12:14

Instrument :

MSVOA_W

ClientSampleId :

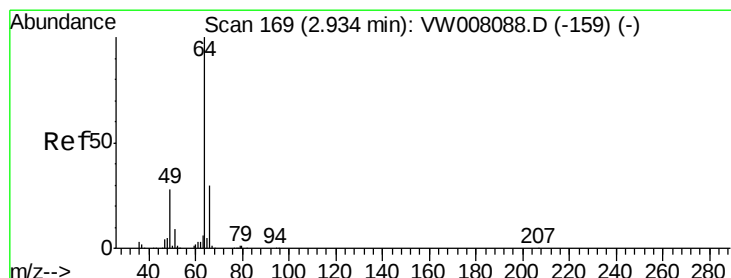
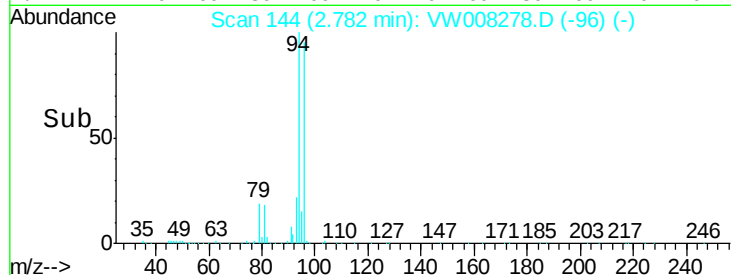
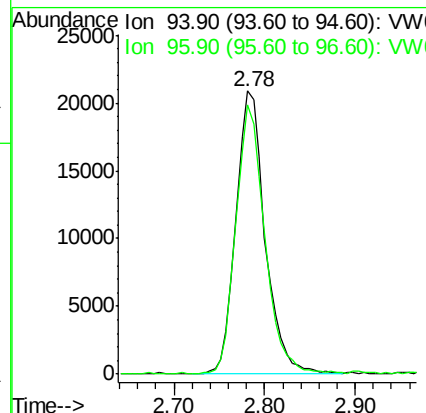
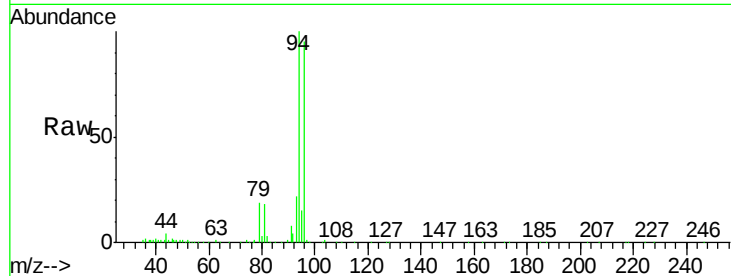
VSTDCCC050

Tot Ion: 94 Resp: 46769

Ion Ratio Lower Upper

94 100

96 95.3 74.1 111.1



#6

Chloroethane

Concen: 46.756 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008278.D

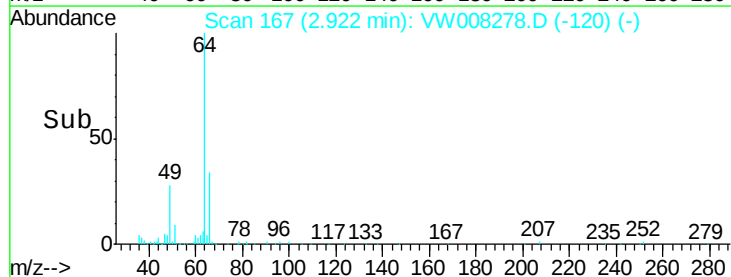
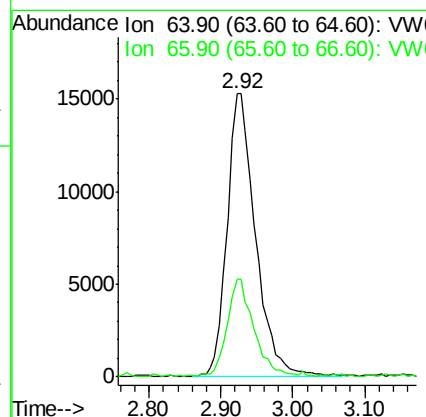
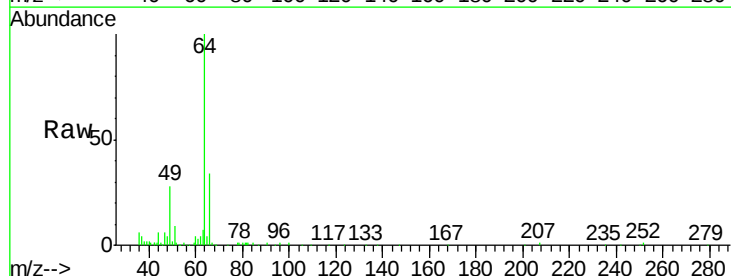
Acq: 15 Jan 2019 12:14

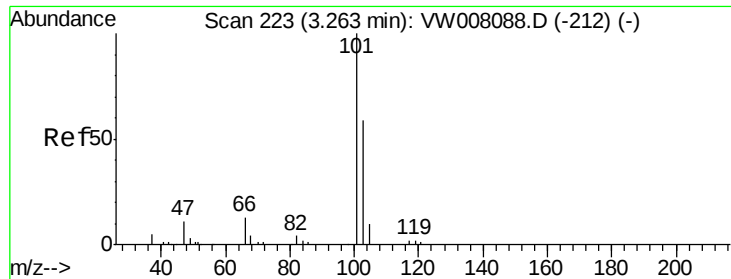
Tgt Ion: 64 Resp: 42262

Ion Ratio Lower Upper

64 100

66 34.0 24.2 36.2



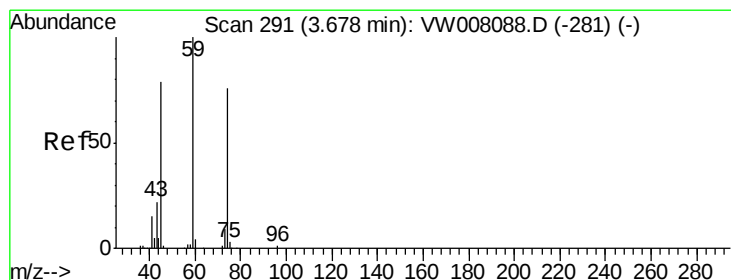
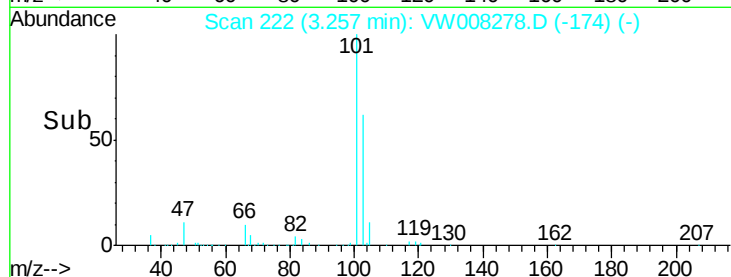
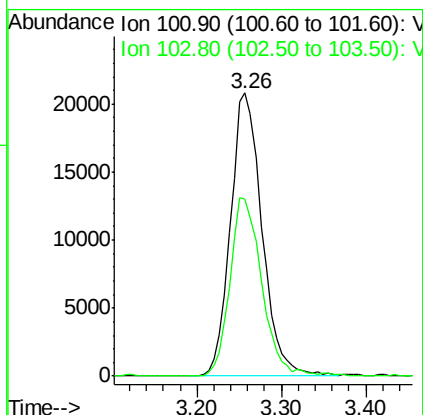
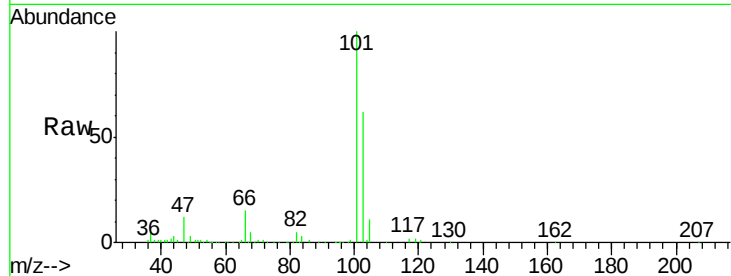


#7

Trichlorofluoromethane
Concen: 54.095 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW008278.D
Acq: 15 Jan 2019 12:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

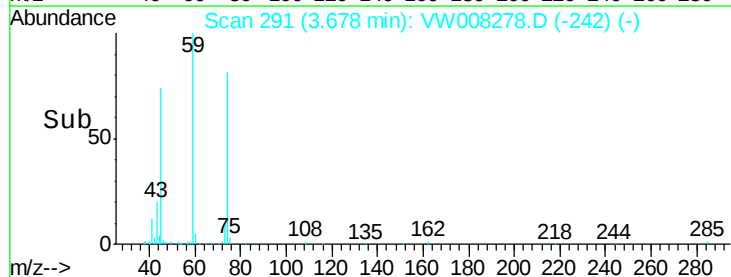
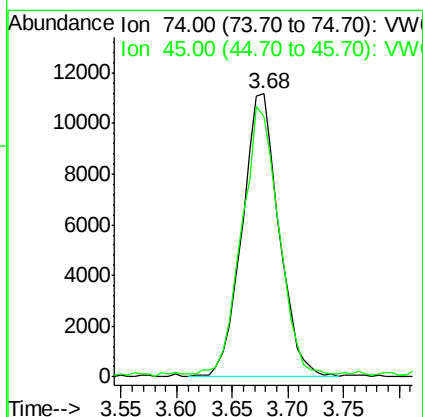
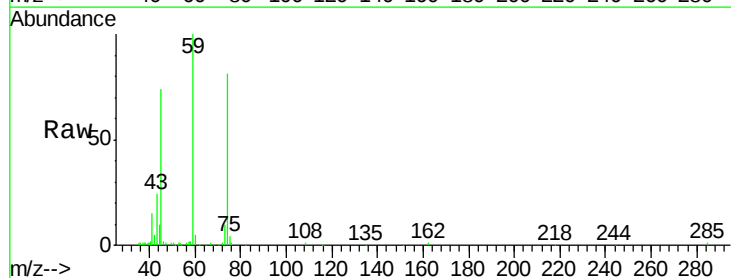
Tot Ion:101 Resp: 52826
Ion Ratio Lower Upper
101 100
103 62.5 47.0 70.6

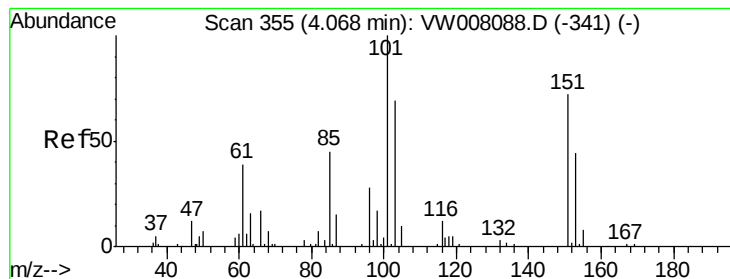


#8

Diethyl Ether
Concen: 46.453 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW008278.D
Acq: 15 Jan 2019 12:14

Tgt Ion: 74 Resp: 25645
Ion Ratio Lower Upper
74 100
45 94.7 52.4 157.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.973 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW008278.D

Acq: 15 Jan 2019 12:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

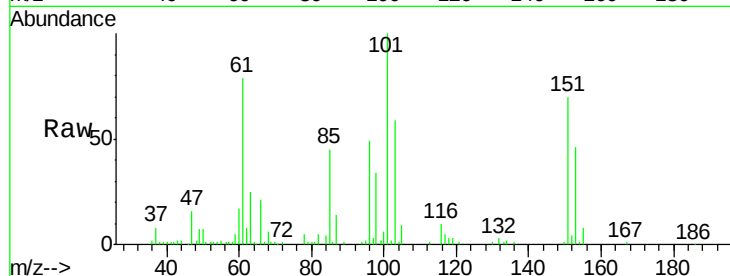
Tot Ion:101 Resp: 48451

Ion Ratio Lower Upper

101 100

85 43.5 35.9 53.9

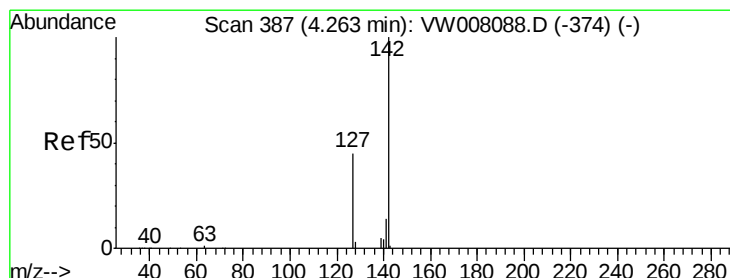
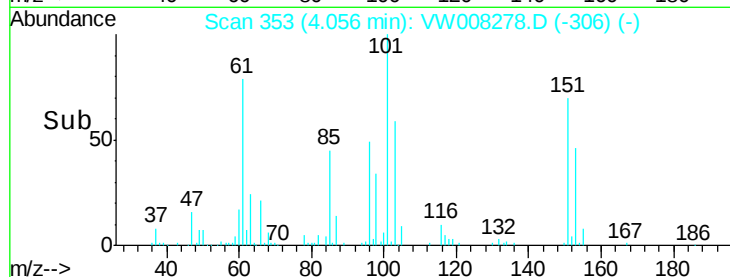
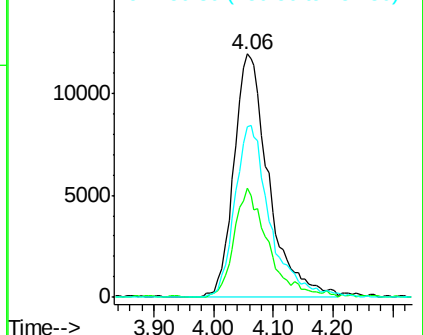
151 70.1 55.8 83.8



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: 46.445 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW008278.D

Acq: 15 Jan 2019 12:14

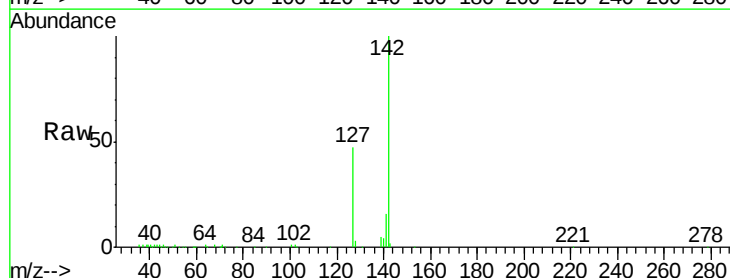
Tgt Ion:142 Resp: 65630

Ion Ratio Lower Upper

142 100

127 46.1 35.0 52.4

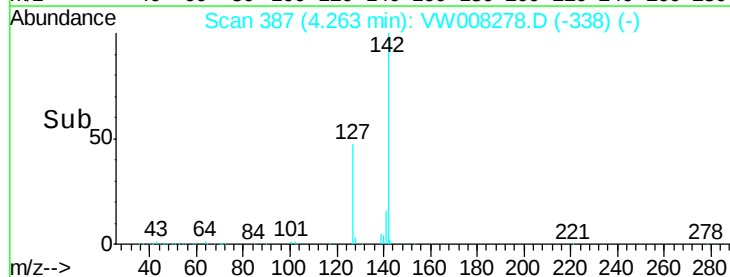
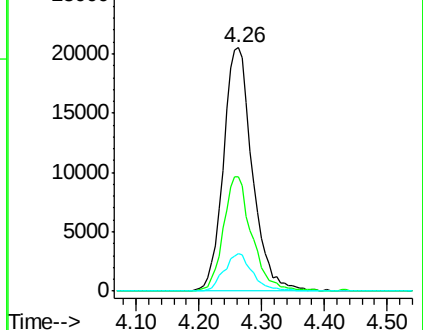
141 15.1 11.8 17.6

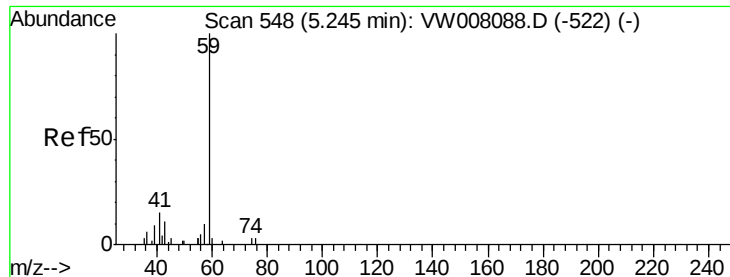


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

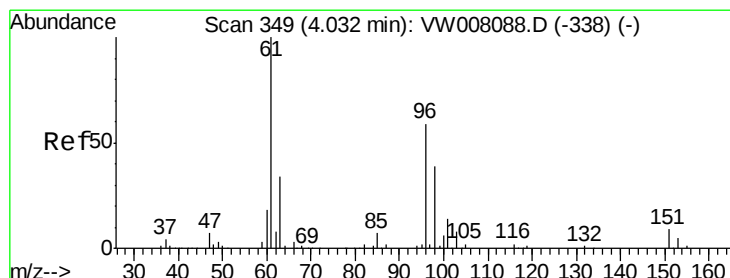
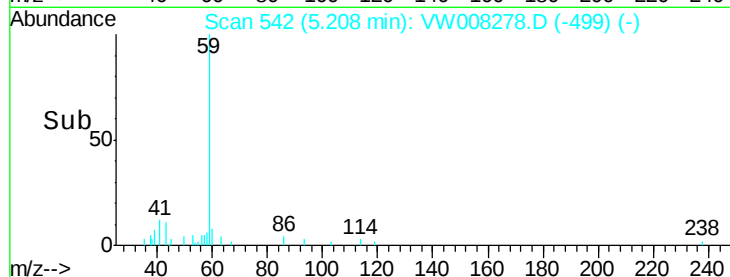
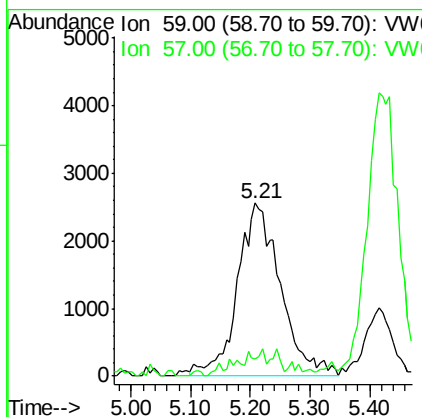
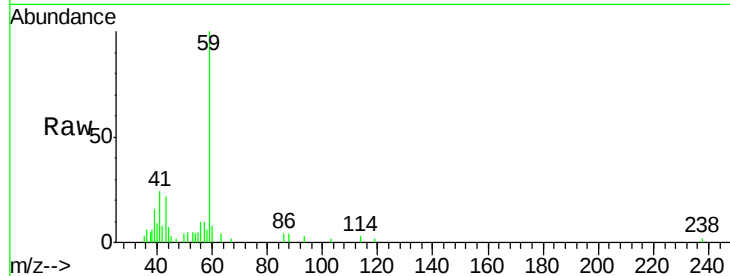




#11
Tert butyl alcohol
Concen: 209.610 ug/l m
RT: 5.21 min Scan# 542
Delta R.T. -0.04 min
Lab File: VW008278.D
Acq: 15 Jan 2019 12:14

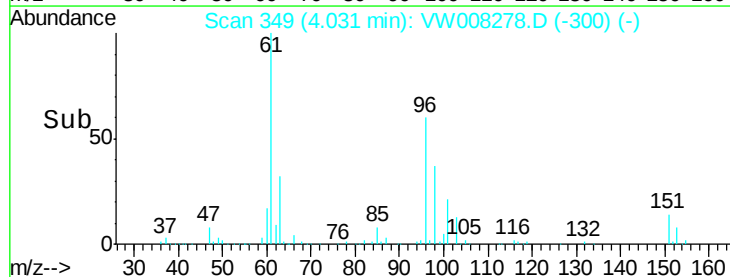
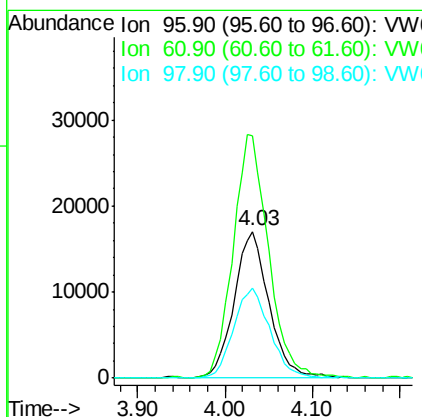
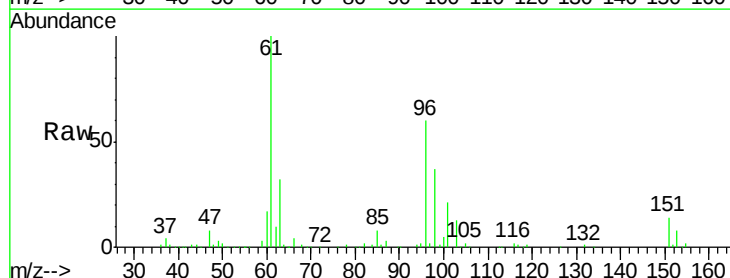
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

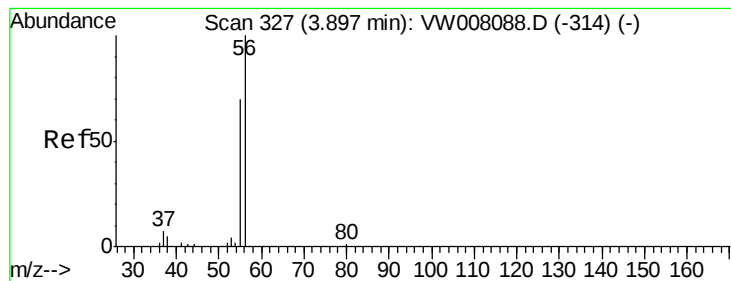
Tot Ion: 59 Resp: 12809
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0



#12
1,1-Dichloroethene
Concen: 49.616 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW008278.D
Acq: 15 Jan 2019 12:14

Tgt Ion: 96 Resp: 47230
Ion Ratio Lower Upper
96 100
61 165.4 135.4 203.2
98 61.3 52.5 78.7





#13

Acrolein

Concen: 273.170 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW008278.D

Acq: 15 Jan 2019 12:14

Instrument :

MSVOA_W

ClientSampleId :

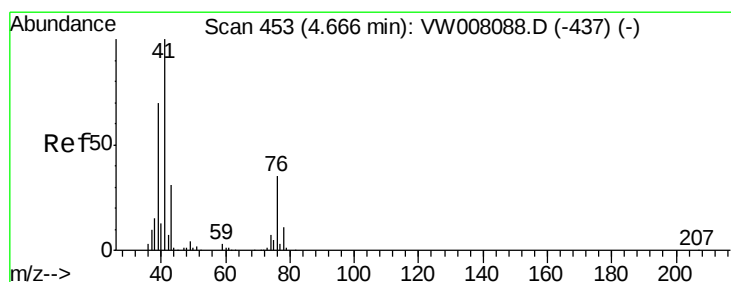
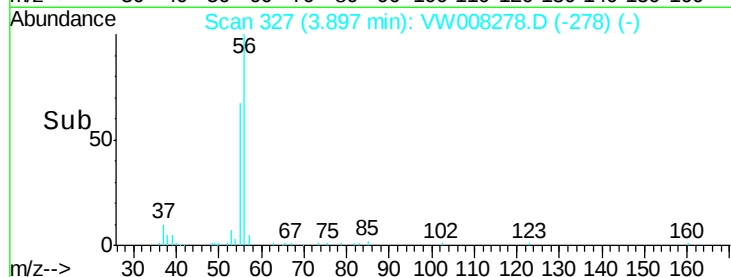
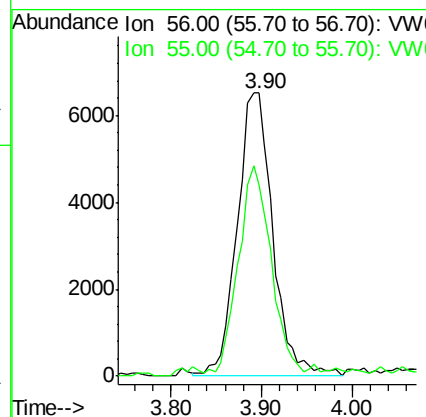
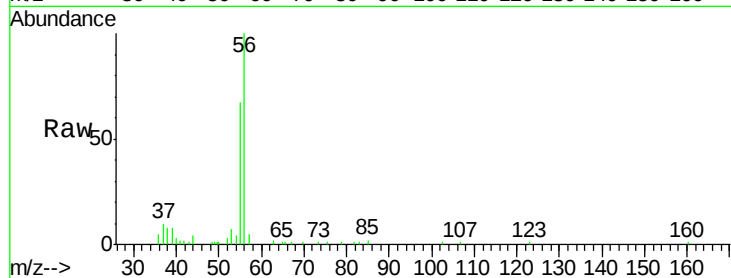
VSTDCCC050

Tot Ion: 56 Resp: 17758

Ion Ratio Lower Upper

56 100

55 66.9 56.6 84.8



#14

Allyl chloride

Concen: 46.714 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW008278.D

Acq: 15 Jan 2019 12:14

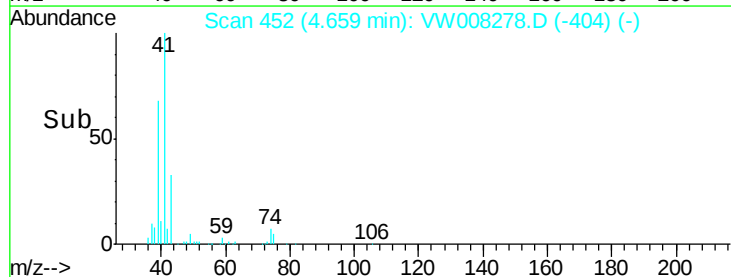
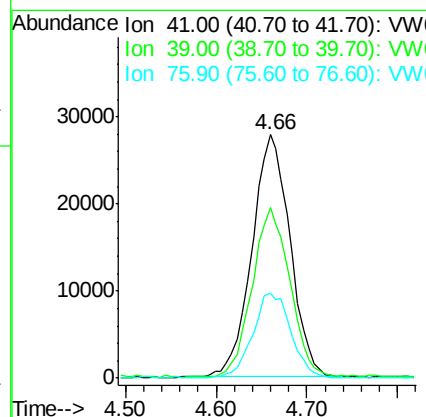
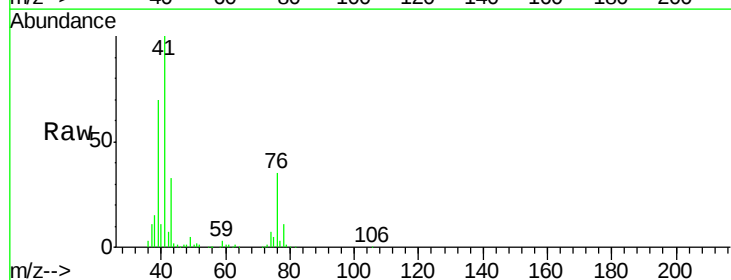
Tgt Ion: 41 Resp: 80734

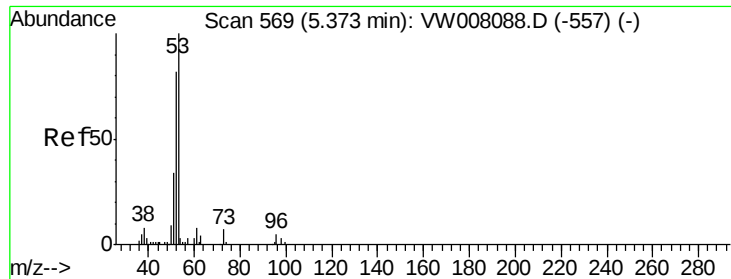
Ion Ratio Lower Upper

41 100

39 68.9 53.8 80.8

76 35.3 27.6 41.4





#15

Acrylonitrile

Concen: 238.002 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW008278.D

Acq: 15 Jan 2019 12:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

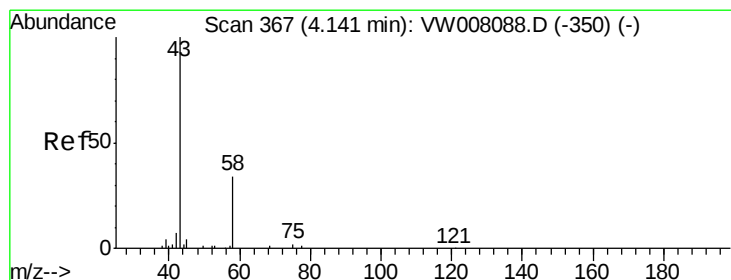
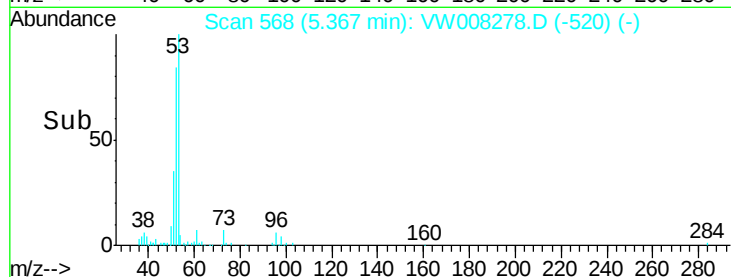
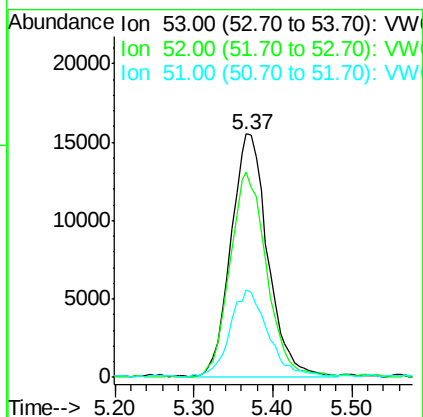
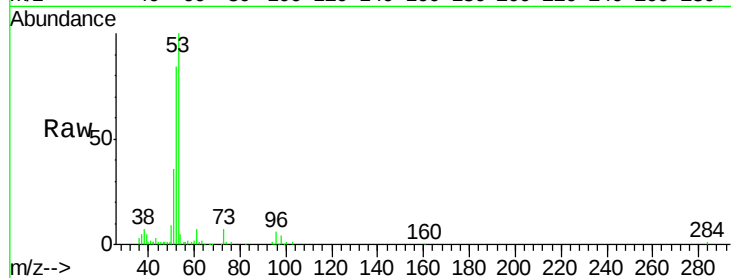
Tot Ion: 53 Resp: 50023

Ion Ratio Lower Upper

53 100

52 85.1 66.8 100.2

51 38.0 29.7 44.5



#16

Acetone

Concen: 296.370 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW008278.D

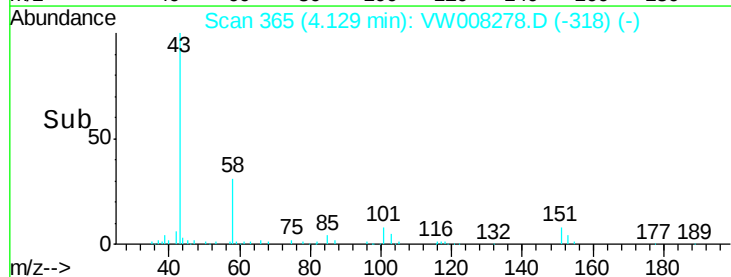
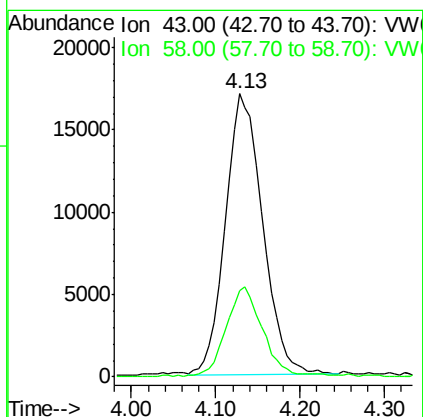
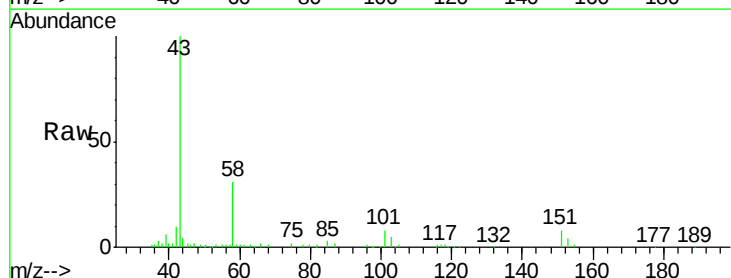
Acq: 15 Jan 2019 12:14

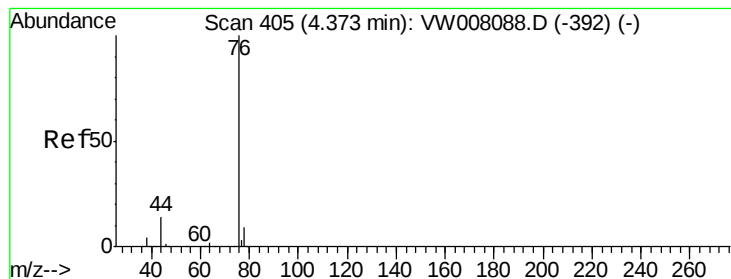
Tgt Ion: 43 Resp: 51355

Ion Ratio Lower Upper

43 100

58 30.2 27.5 41.3





#17

Carbon Disulfide

Concen: 48.683 ug/l

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW008278.D

Acq: 15 Jan 2019 12:14

Instrument :

MSVOA_W

ClientSampleId :

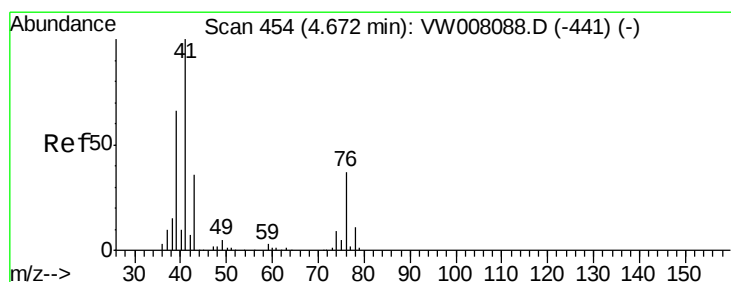
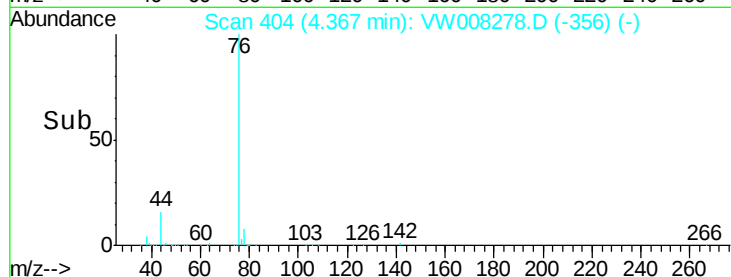
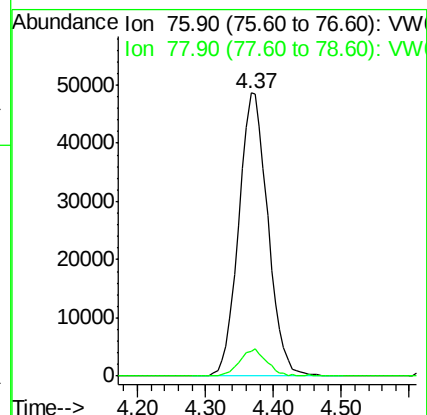
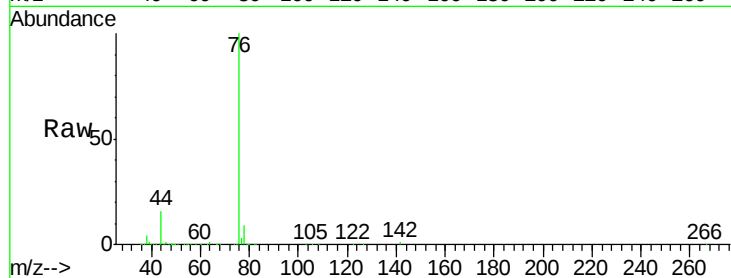
VSTDCCC050

Tot Ion: 76 Resp: 144766

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.6



#18

Methyl Acetate

Concen: 51.766 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW008278.D

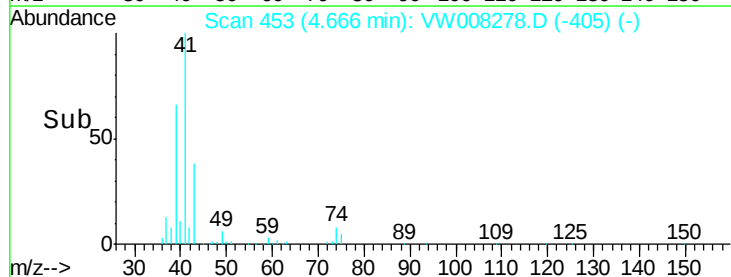
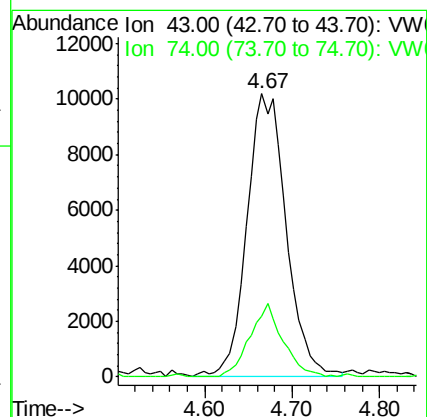
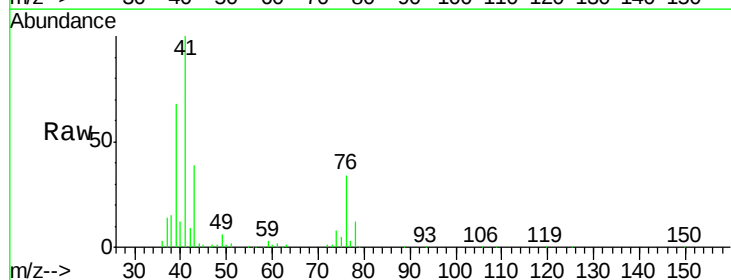
Acq: 15 Jan 2019 12:14

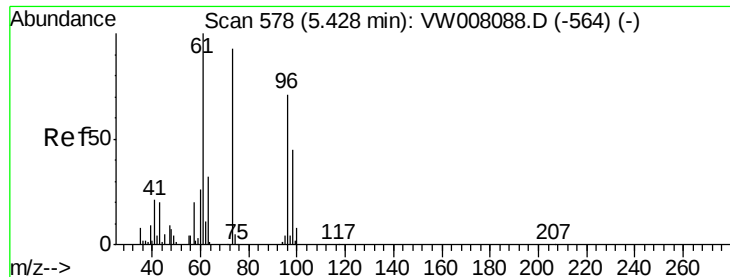
Tgt Ion: 43 Resp: 31963

Ion Ratio Lower Upper

43 100

74 21.8 19.0 28.4

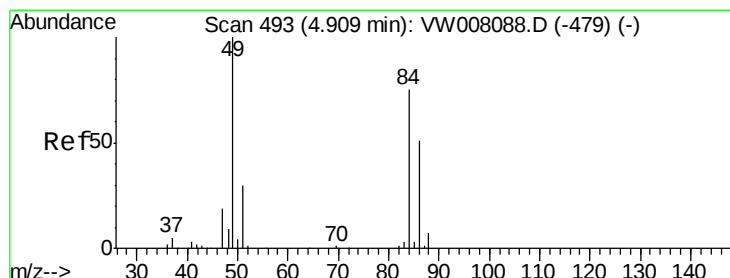
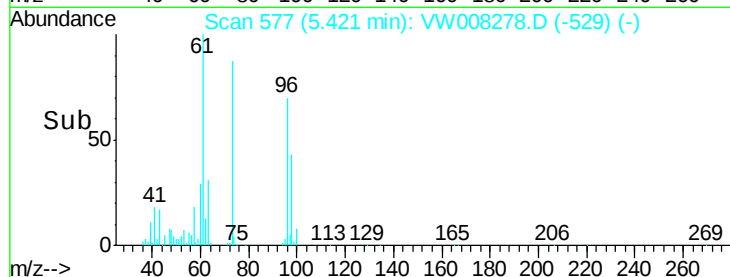
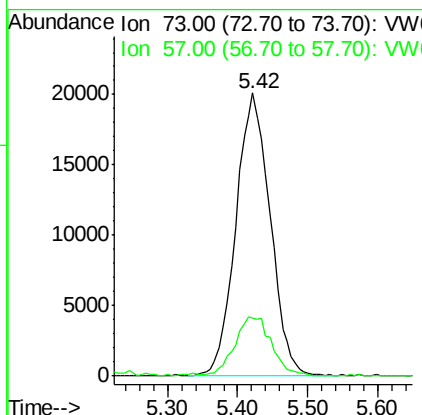
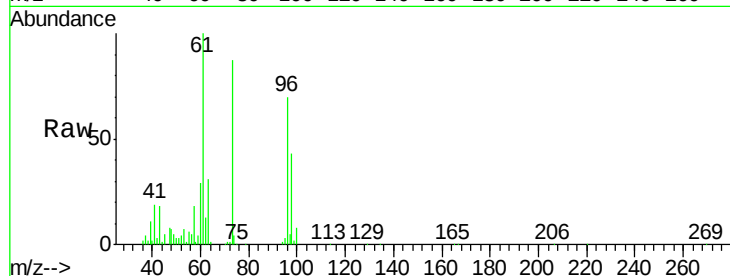




#19
Methvl tert-butvl Ether
Concen: 44.300 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW008278.D
Acq: 15 Jan 2019 12:14

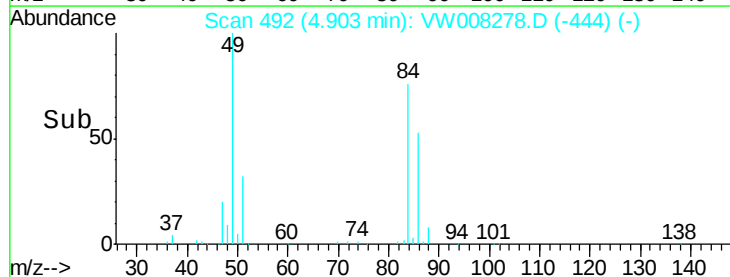
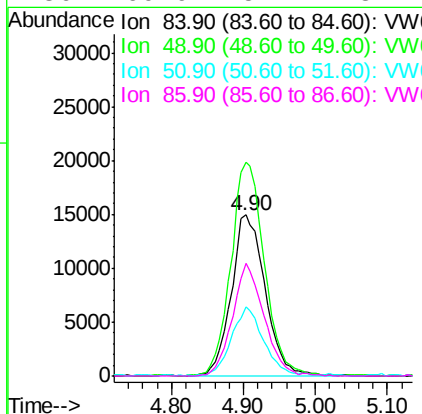
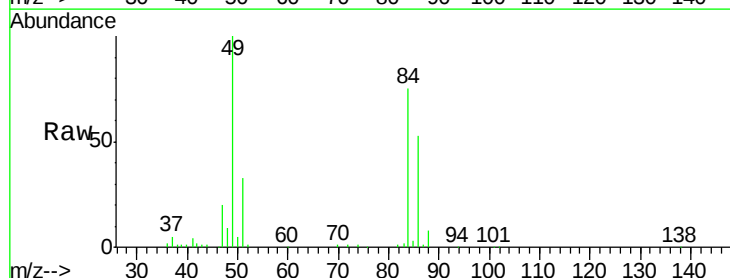
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

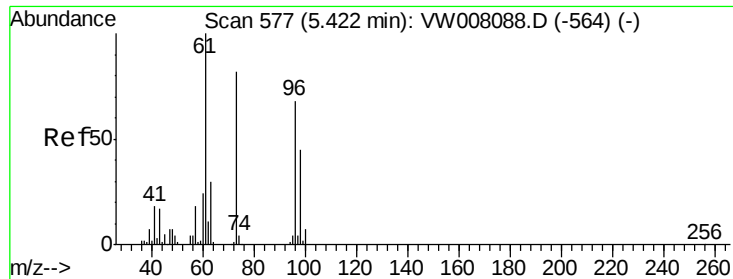
Tot Ion: 73 Resp: 68556
Ion Ratio Lower Upper
73 100
57 20.5 16.7 25.1



#20
Methylene Chloride
Concen: 50.962 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008278.D
Acq: 15 Jan 2019 12:14

Tgt Ion: 84 Resp: 48929
Ion Ratio Lower Upper
84 100
49 132.0 107.1 160.7
51 42.7 32.4 48.6
86 69.9 54.2 81.4





#21

trans-1,2-Dichloroethene

Concen: 50.459 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW008278.D

Acq: 15 Jan 2019 12:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

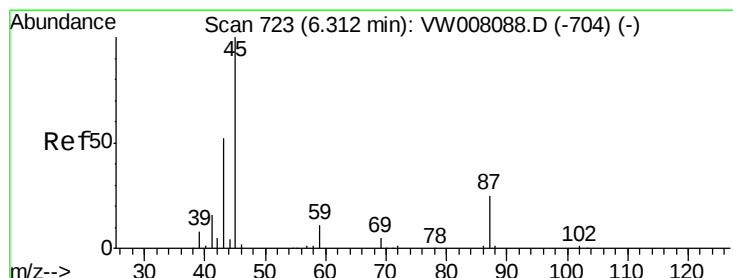
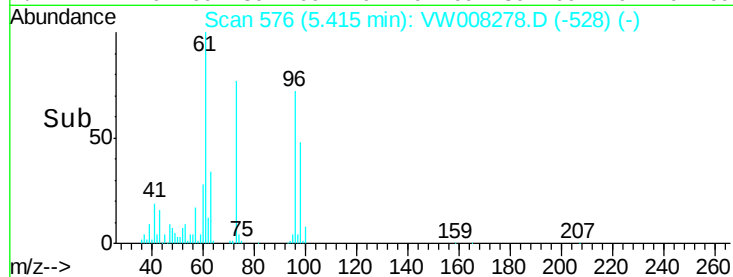
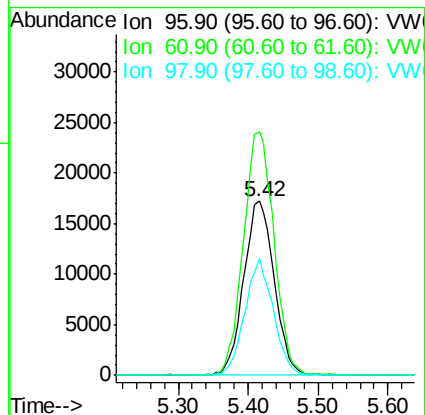
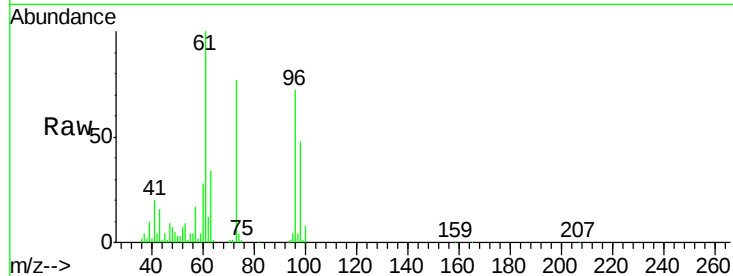
Tot Ion: 96 Resp: 52197

Ion Ratio Lower Upper

96 100

61 139.8 117.4 176.0

98 67.5 52.2 78.4



#22

Diisopropyl ether

Concen: 47.181 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW008278.D

Acq: 15 Jan 2019 12:14

Tgt Ion: 45 Resp: 155513

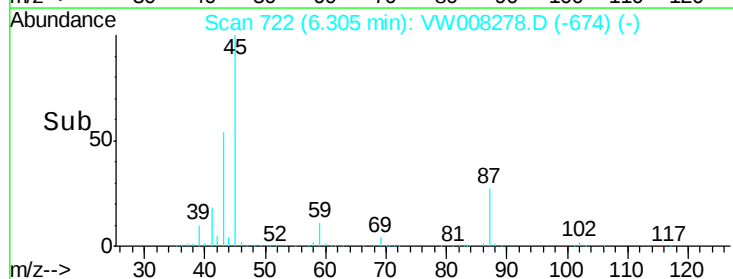
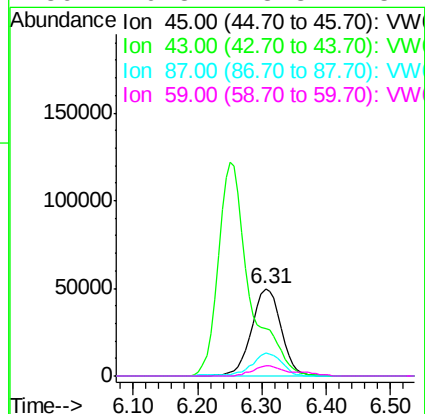
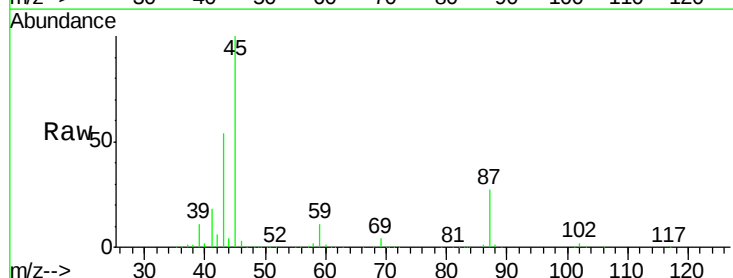
Ion Ratio Lower Upper

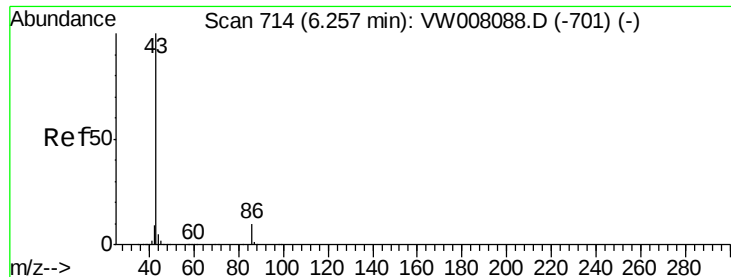
45 100

43 53.5 41.7 62.5

87 26.8 20.1 30.1

59 10.8 8.8 13.2





#23

Vinyl Acetate

Concen: 238.922 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW008278.D

Acq: 15 Jan 2019 12:14

Instrument :

MSVOA_W

ClientSampleId :

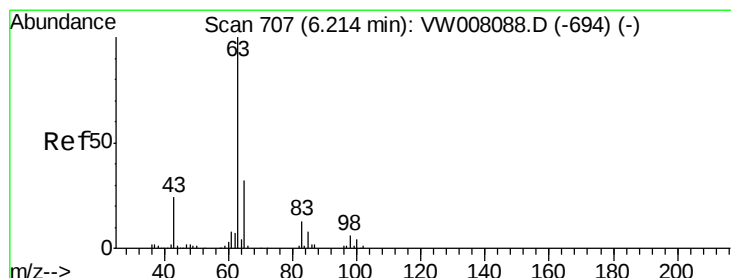
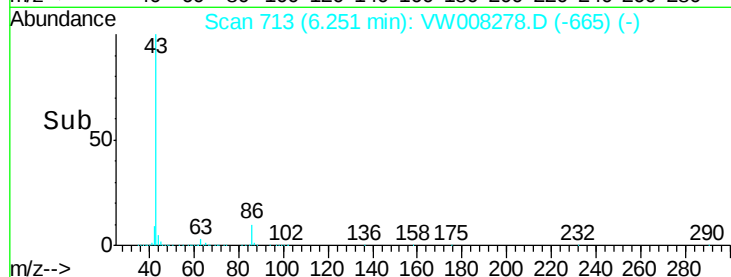
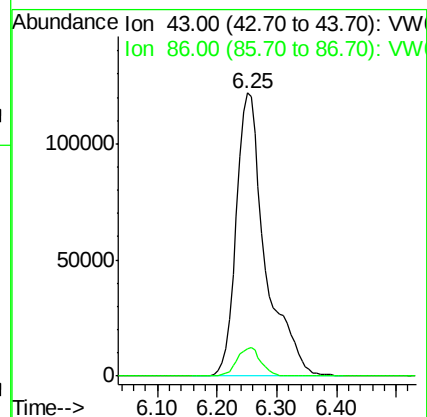
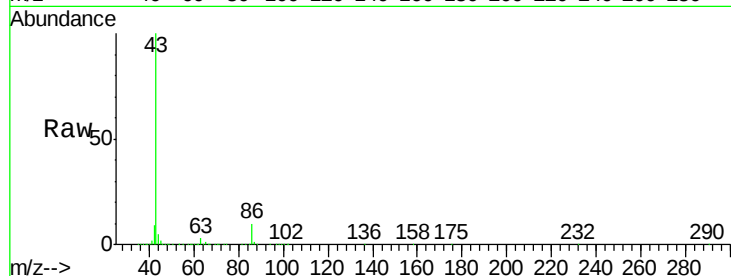
VSTDCCC050

Tot Ion: 43 Resp: 413601

Ion Ratio Lower Upper

43 100

86 9.7 7.7 11.5



#24

1,1-Dichloroethane

Concen: 48.946 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW008278.D

Acq: 15 Jan 2019 12:14

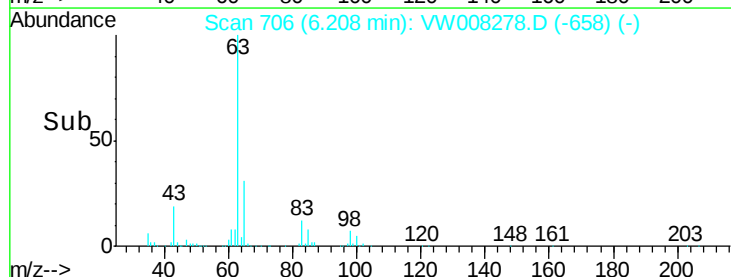
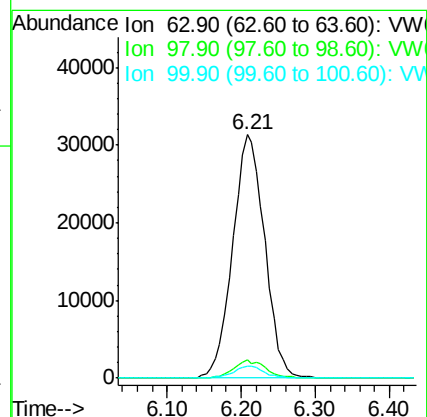
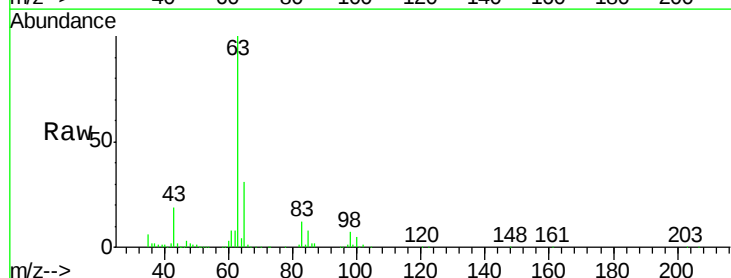
Tgt Ion: 63 Resp: 94002

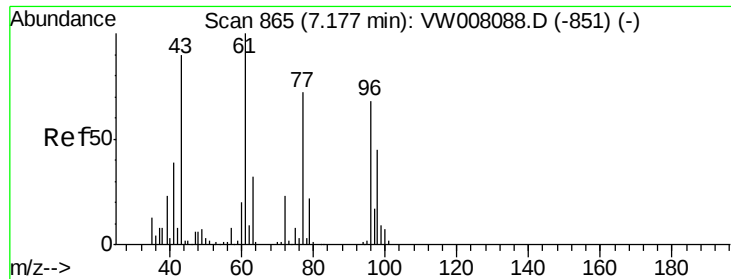
Ion Ratio Lower Upper

63 100

98 7.3 3.2 9.6

100 5.1 2.0 6.0





#25

2-Butanone

Concen: 242.812 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW008278.D

Acq: 15 Jan 2019 12:14

Instrument :

MSVOA_W

ClientSampleId :

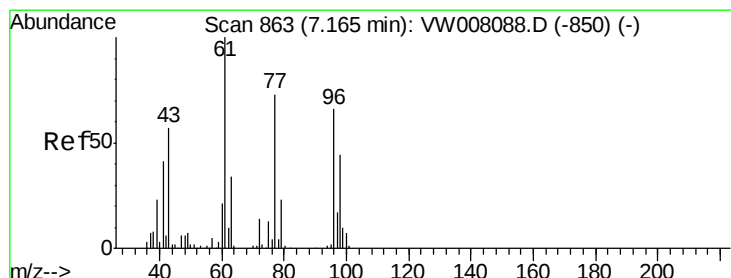
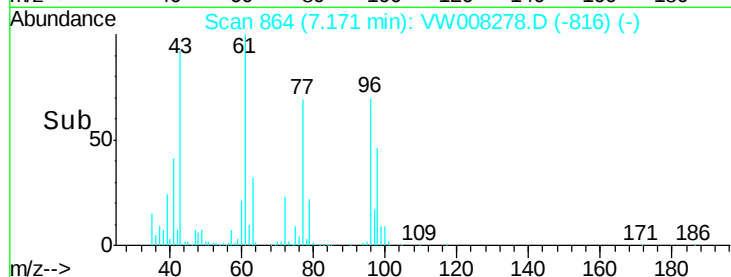
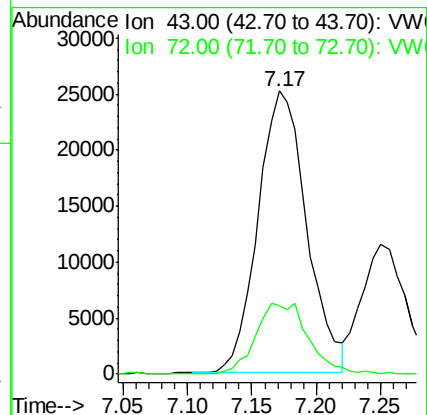
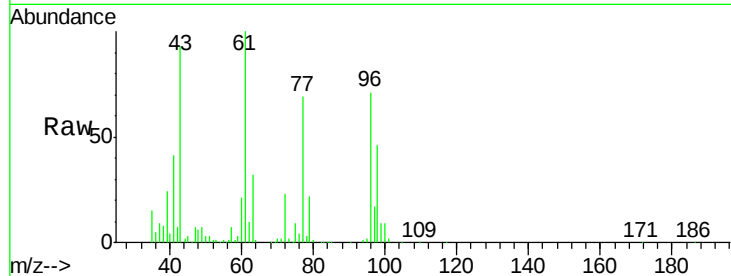
VSTDCCC050

Tot Ion: 43 Resp: 66000

Ion Ratio Lower Upper

43 100

72 24.5 20.5 30.7



#26

2,2-Dichloropropane

Concen: 48.840 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008278.D

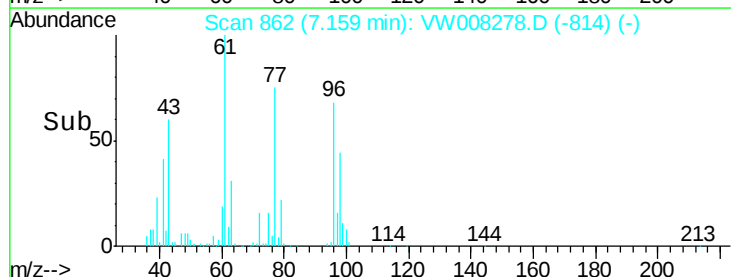
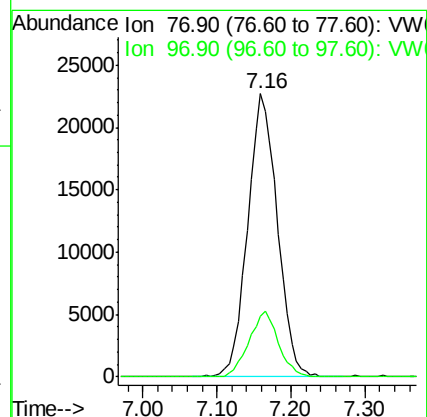
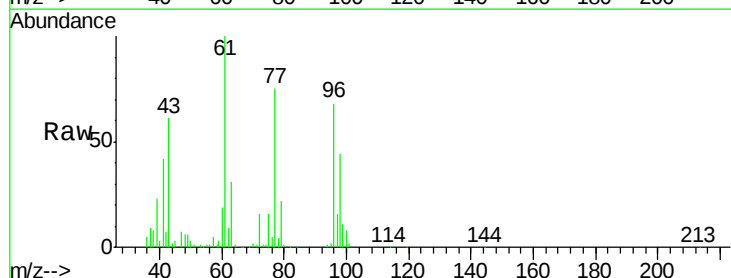
Acq: 15 Jan 2019 12:14

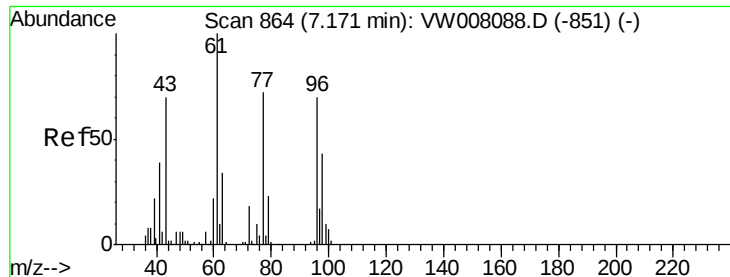
Tgt Ion: 77 Resp: 63555

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.1



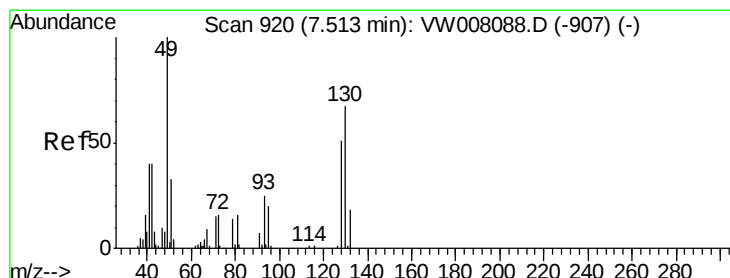
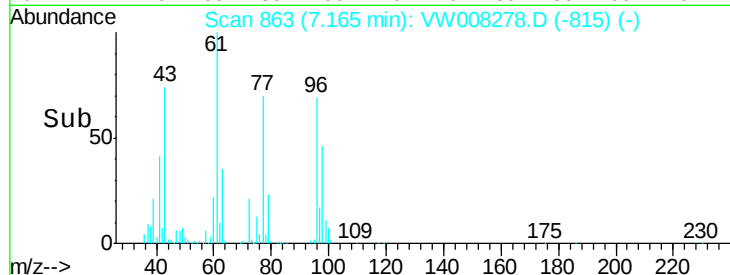
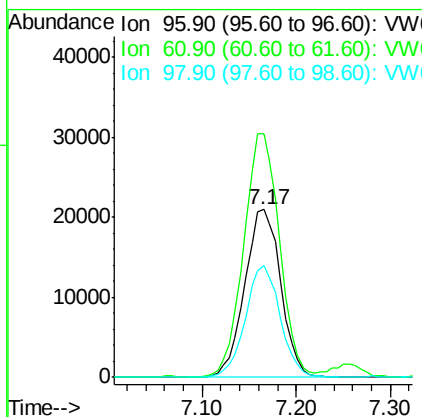
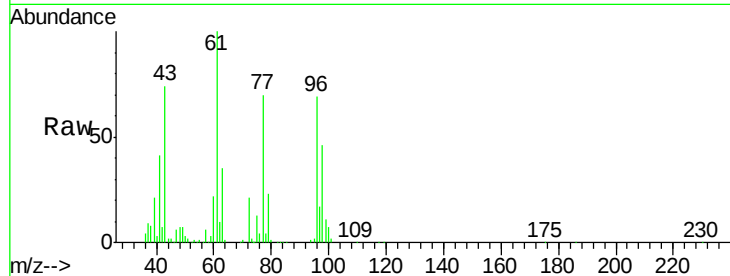


#27

cis-1,2-Dichloroethene
 Concen: 49.699 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW008278.D
 Acq: 15 Jan 2019 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

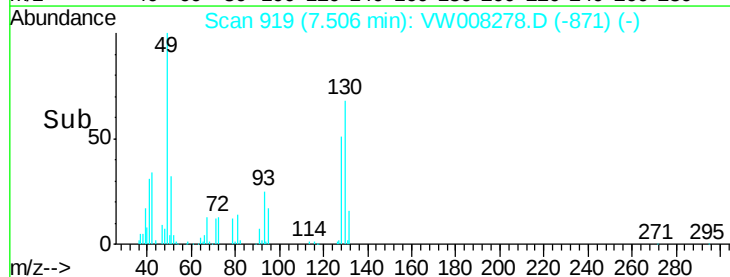
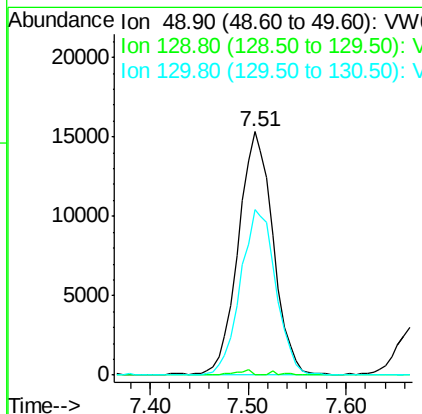
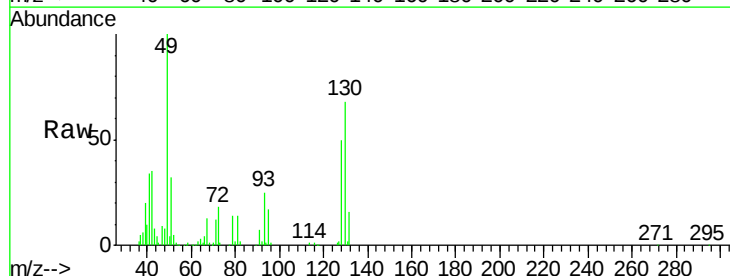
Tot Ion: 96 Resp: 56092
 Ion Ratio Lower Upper
 96 100
 61 144.5 0.0 300.4
 98 64.3 0.0 128.4

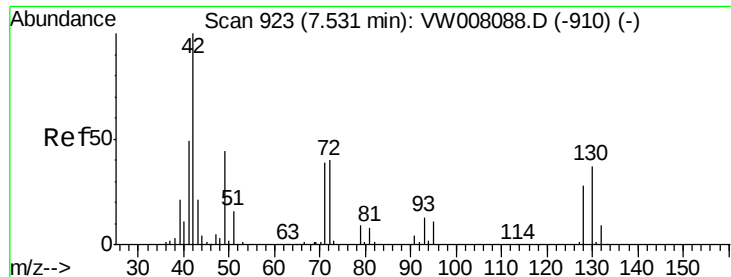


#28

Bromochloromethane
 Concen: 49.917 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW008278.D
 Acq: 15 Jan 2019 12:14

Tgt Ion: 49 Resp: 37918
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 2.8
 130 68.8 54.3 81.5

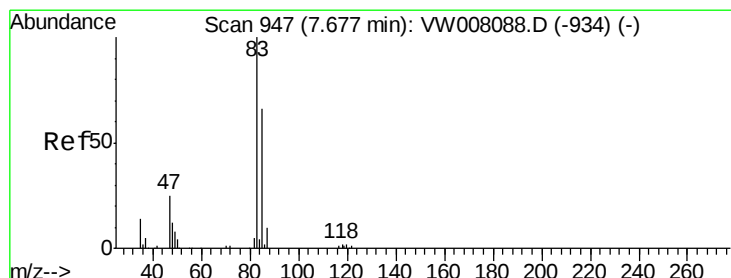
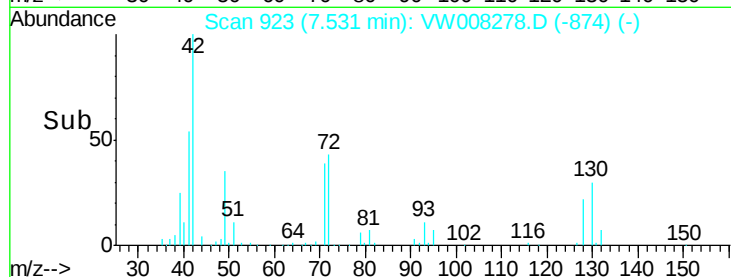
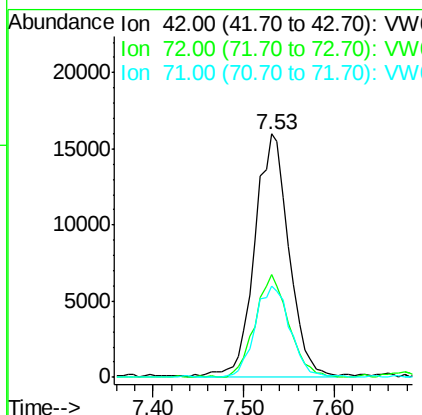
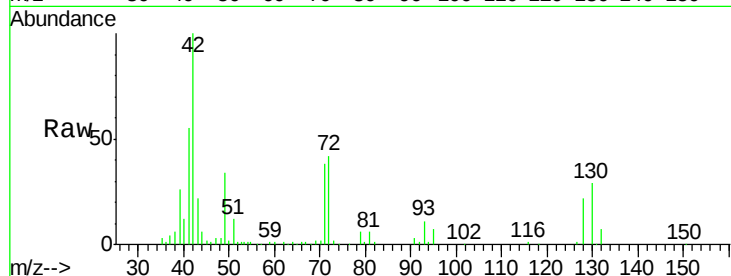




#29
Tetrahydrofuran
Concen: 227.655 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW008278.D
Acq: 15 Jan 2019 12:14

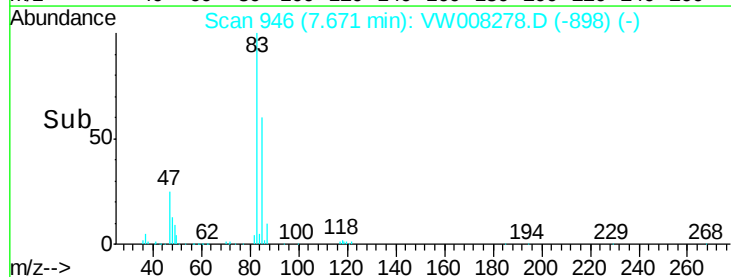
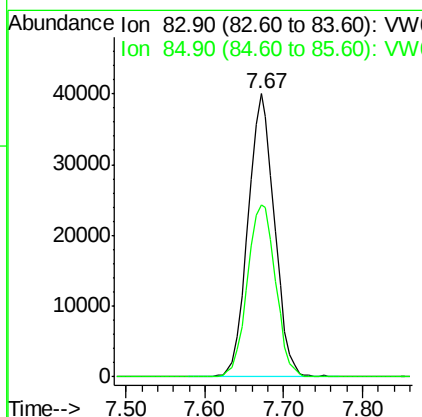
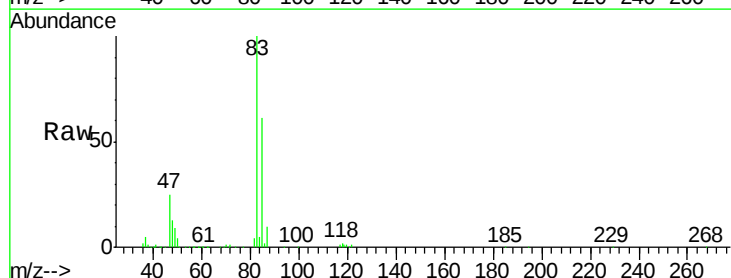
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

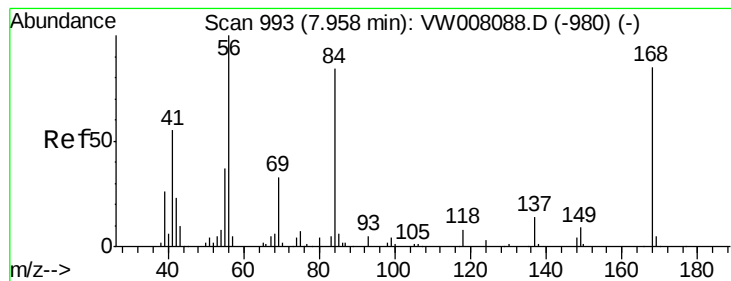
Tot Ion	Ratio	Lower	Upper
42	100		
72	41.9	32.4	48.6
71	39.0	31.3	46.9



#30
Chloroform
Concen: 50.994 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW008278.D
Acq: 15 Jan 2019 12:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.7	53.2	79.8





#31

Cyclohexane

Concen: 44.735 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW008278.D

Acq: 15 Jan 2019 12:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

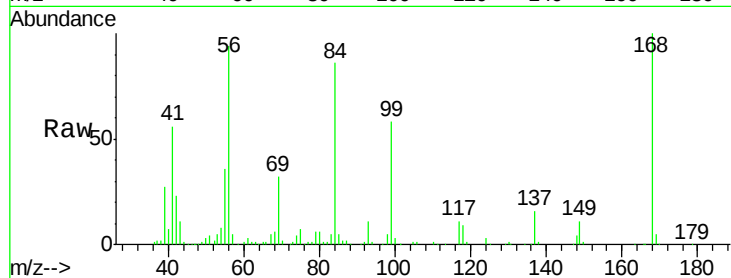
Tot Ion: 56 Resp: 91972

Ion Ratio Lower Upper

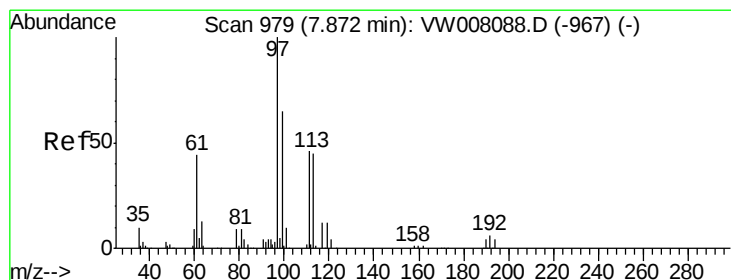
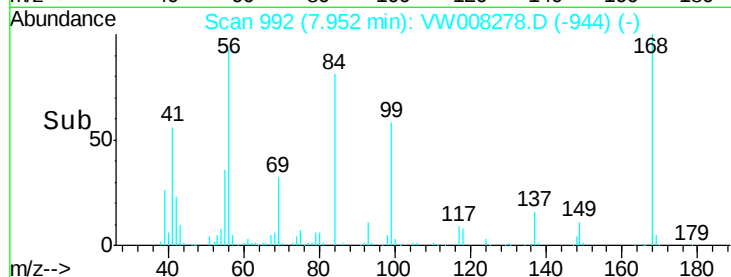
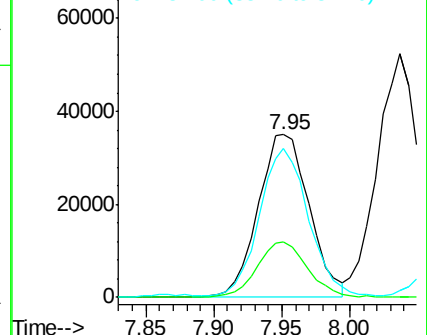
56 100

69 34.5 26.2 39.4

84 90.9 67.4 101.2



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



#32

1,1,1-Trichloroethane

Concen: 50.300 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW008278.D

Acq: 15 Jan 2019 12:14

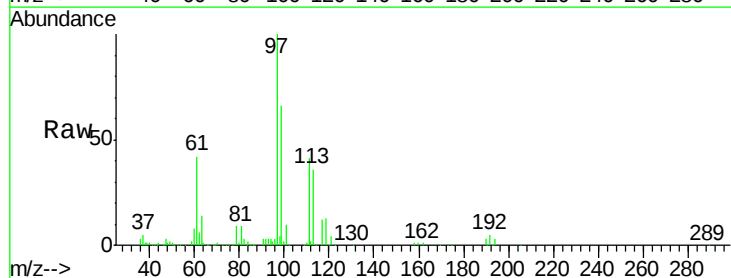
Tgt Ion: 97 Resp: 80007

Ion Ratio Lower Upper

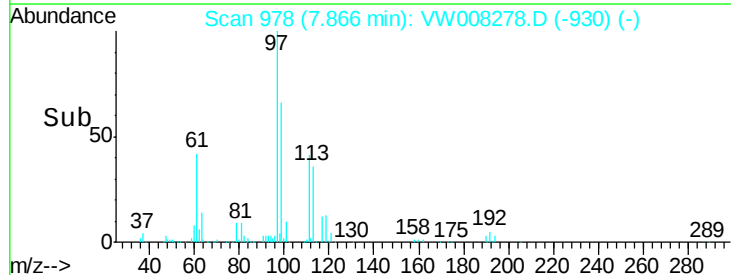
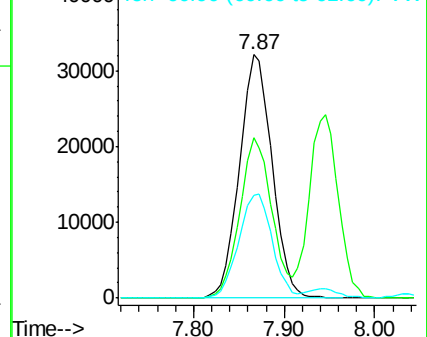
97 100

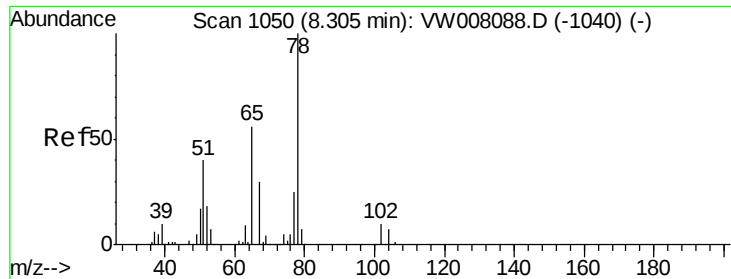
99 65.3 51.4 77.0

61 43.9 35.6 53.4



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

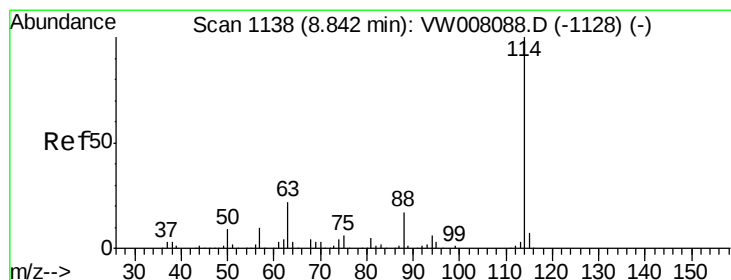
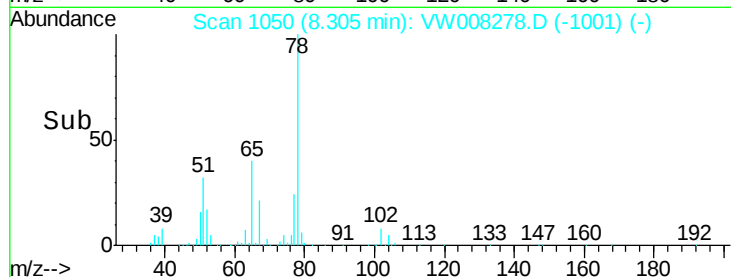
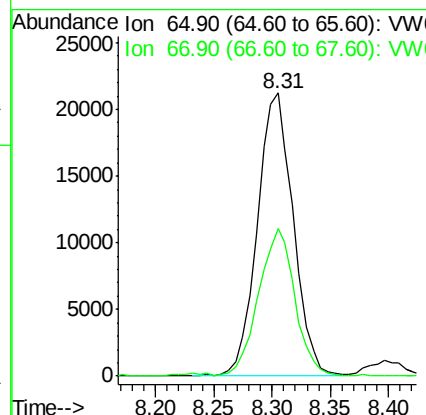
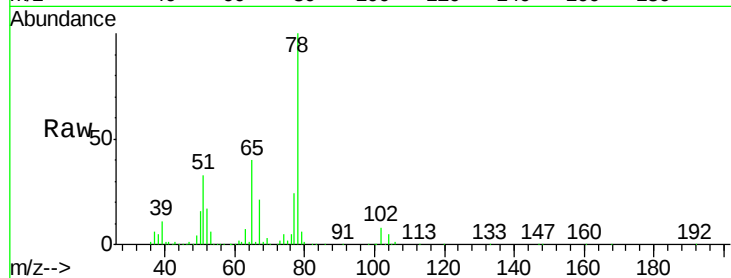




#33
 1,2-Dichloroethane-d4
 Concen: 46.819 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008278.D
 Acq: 15 Jan 2019 12:14

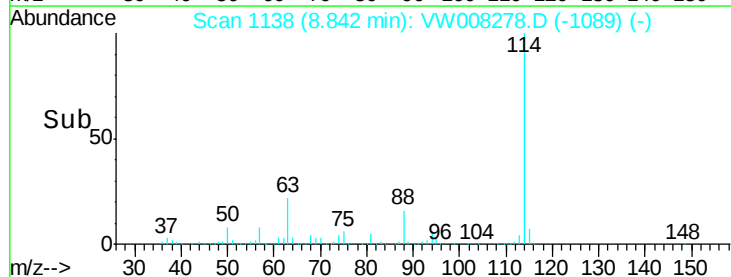
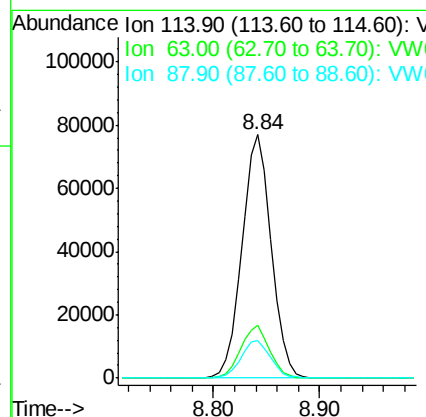
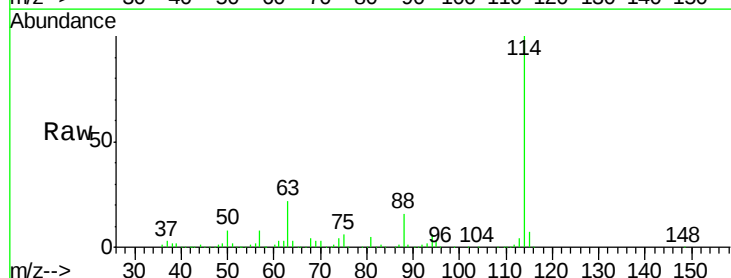
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

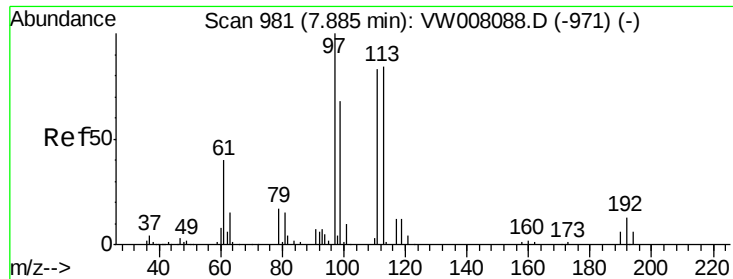
Tot Ion: 65 Resp: 45739
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008278.D
 Acq: 15 Jan 2019 12:14

Tgt Ion: 114 Resp: 148195
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 43.4
 88 15.7 0.0 33.4

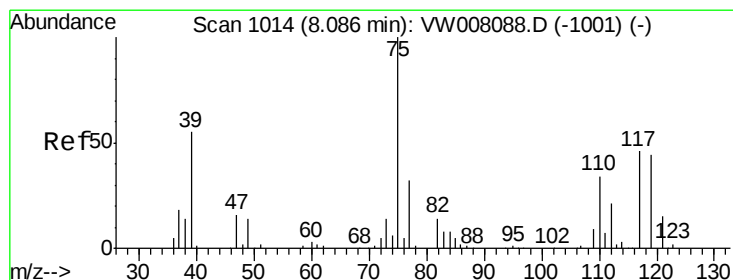
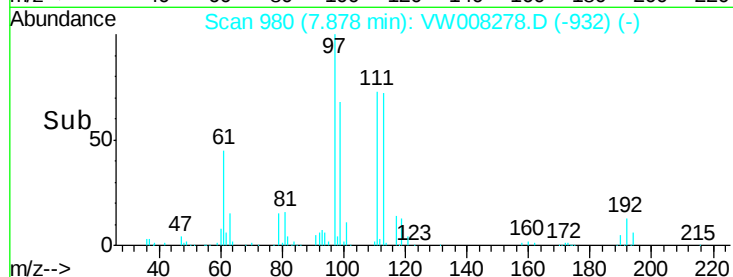
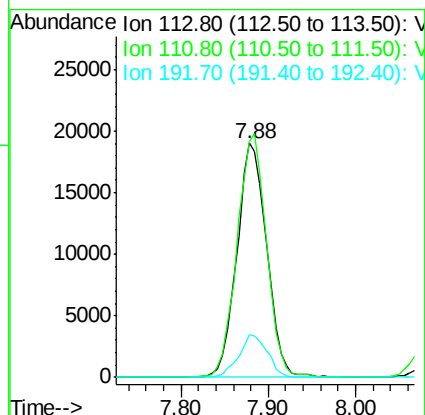
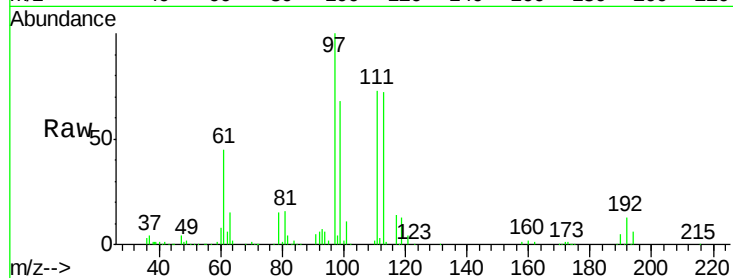




#35
 Dibromofluoromethane
 Concen: 52.148 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008278.D
 Acq: 15 Jan 2019 12:14

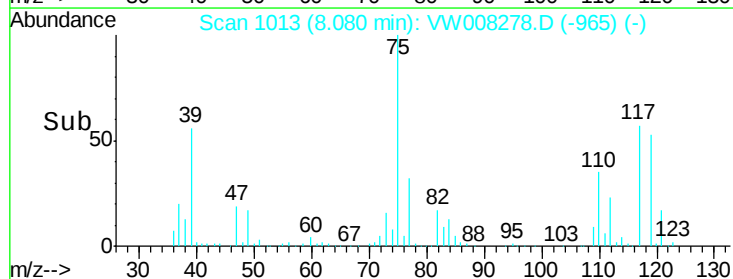
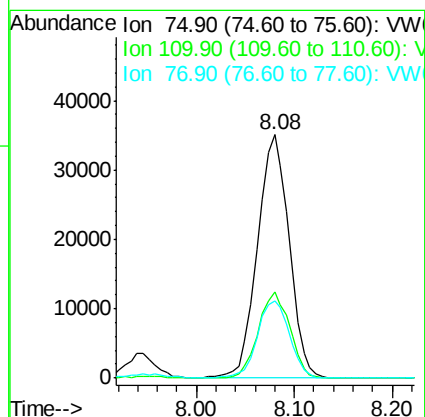
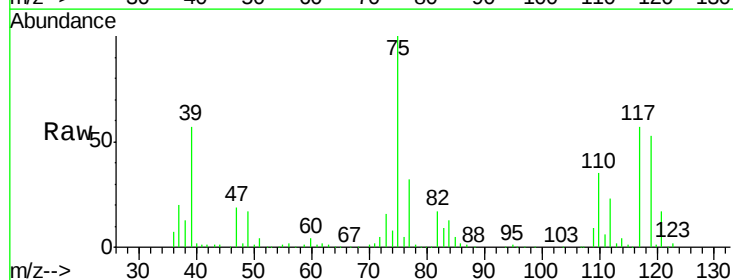
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

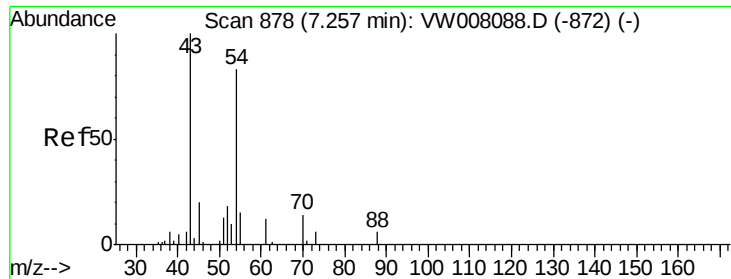
Tot Ion:113 Resp: 45073
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.8 122.8
 192 17.5 12.8 19.2



#36
 1,1-Dichloropropene
 Concen: 51.483 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW008278.D
 Acq: 15 Jan 2019 12:14

Tgt Ion: 75 Resp: 78592
 Ion Ratio Lower Upper
 75 100
 110 35.4 17.1 51.3
 77 32.5 25.5 38.3

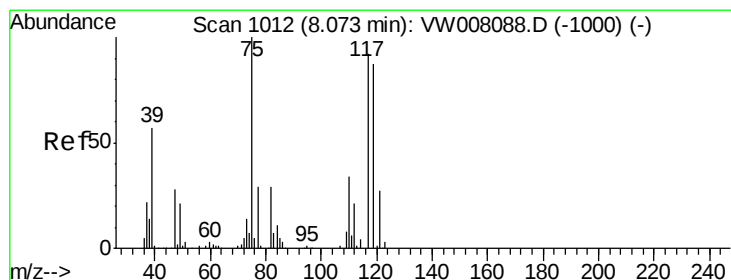
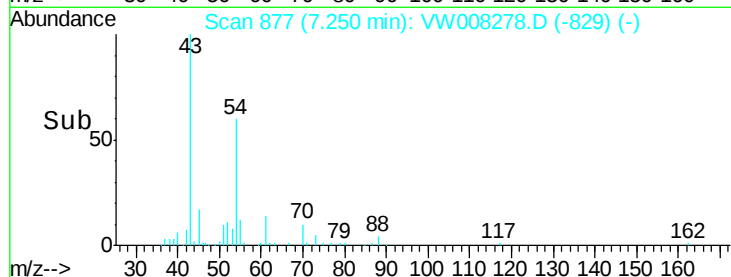
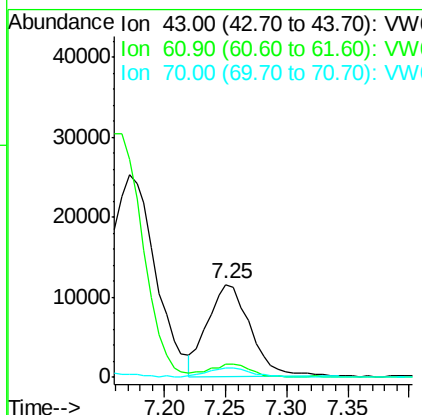
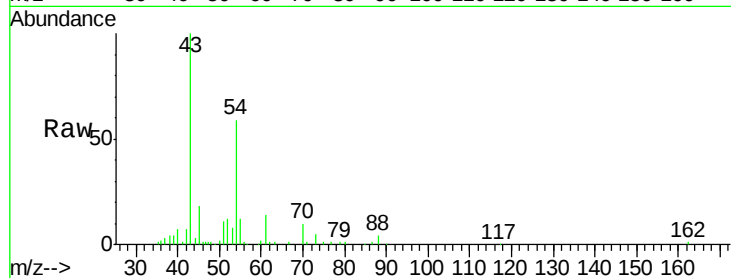




#37
Ethyl Acetate
Concen: 45.663 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW008278.D
Acq: 15 Jan 2019 12:14

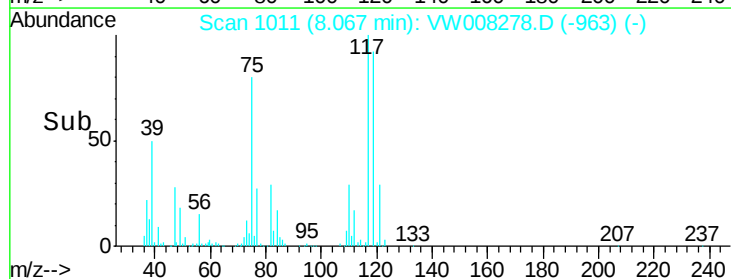
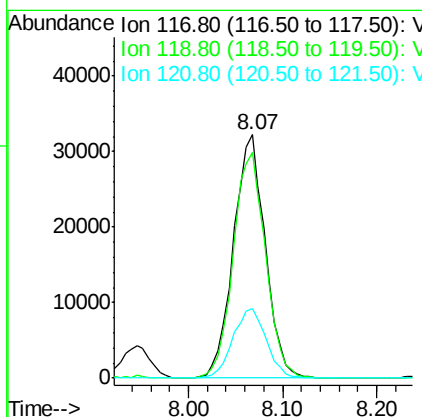
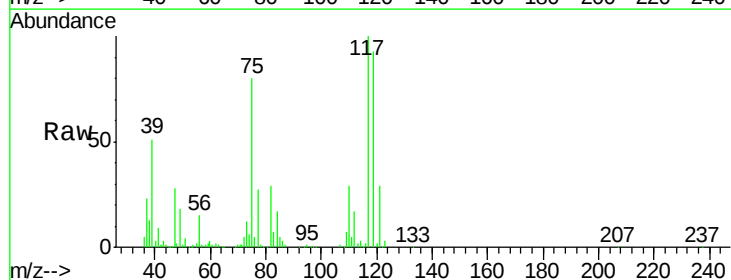
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

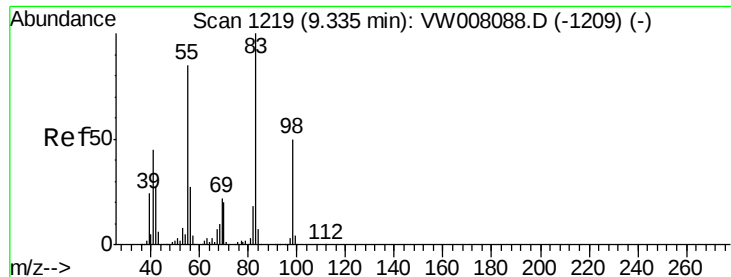
Tot Ion: 43 Resp: 27927
Ion Ratio Lower Upper
43 100
61 13.9 10.6 16.0
70 11.0 8.9 13.3



#38
Carbon Tetrachloride
Concen: 54.157 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW008278.D
Acq: 15 Jan 2019 12:14

Tgt Ion: 117 Resp: 75670
Ion Ratio Lower Upper
117 100
119 92.5 75.8 113.8
121 28.7 23.7 35.5

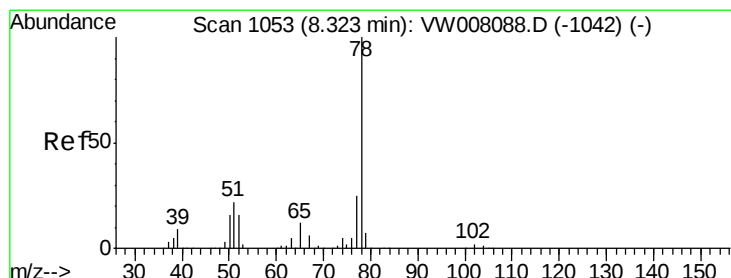
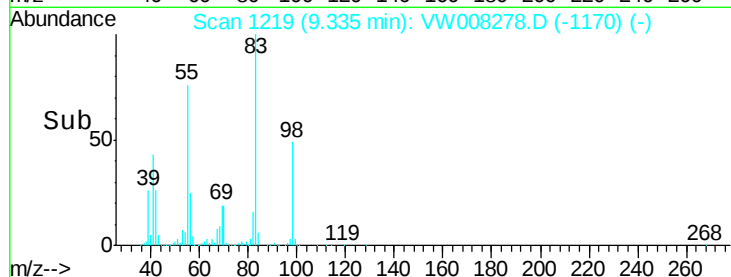
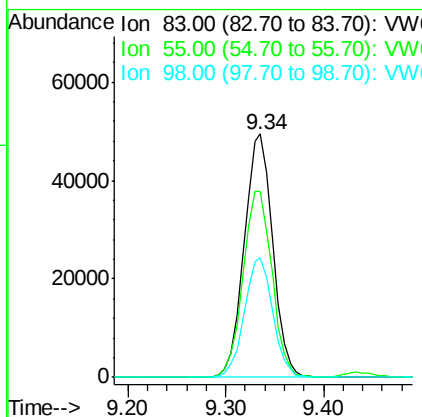
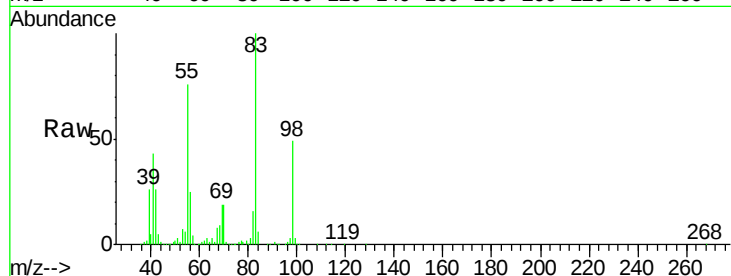




#39
Methvlcvclohexane
Concen: 51.514 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008278.D
Acq: 15 Jan 2019 12:14

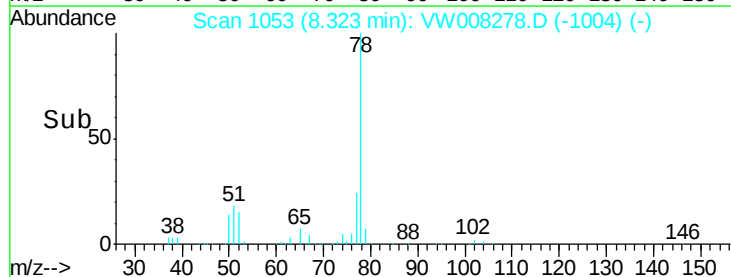
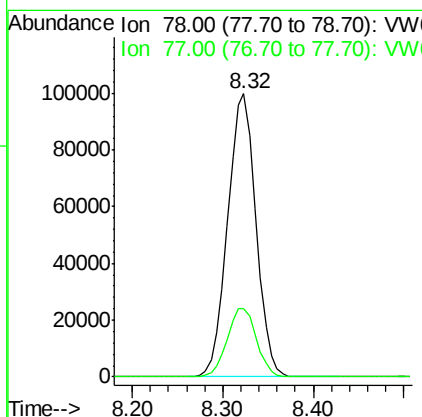
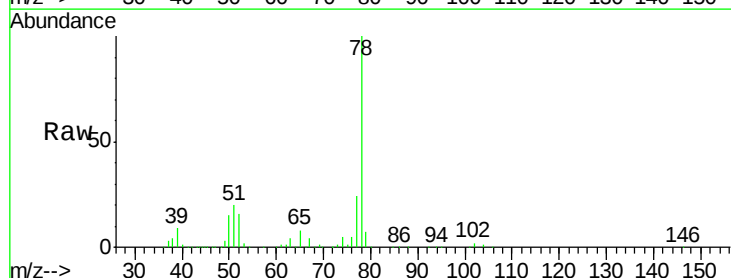
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

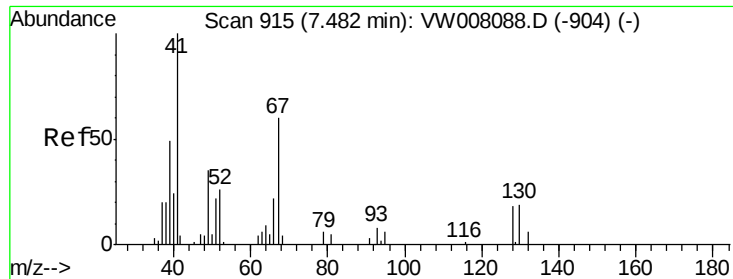
Tot Ion: 83 Resp: 99712
Ion Ratio Lower Upper
83 100
55 76.1 67.8 101.6
98 49.2 40.2 60.4



#40
Benzene
Concen: 52.242 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008278.D
Acq: 15 Jan 2019 12:14

Tgt Ion: 78 Resp: 216308
Ion Ratio Lower Upper
78 100
77 24.3 20.2 30.4

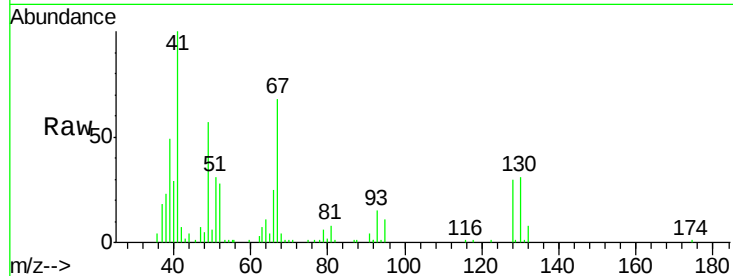




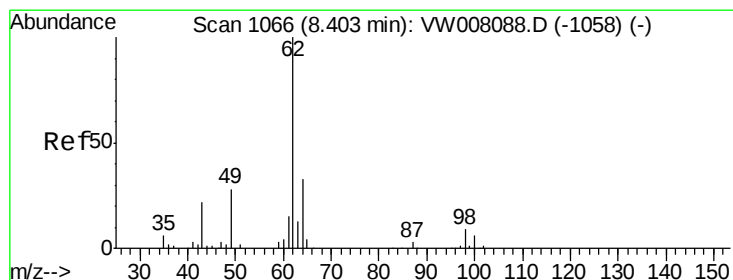
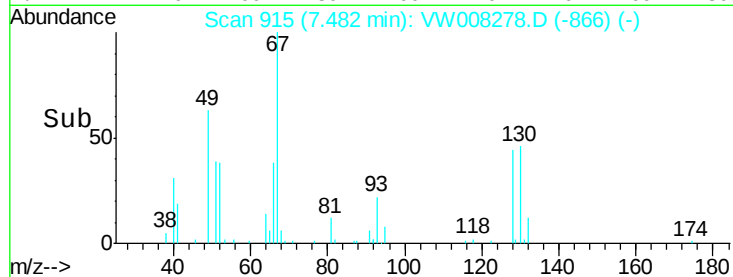
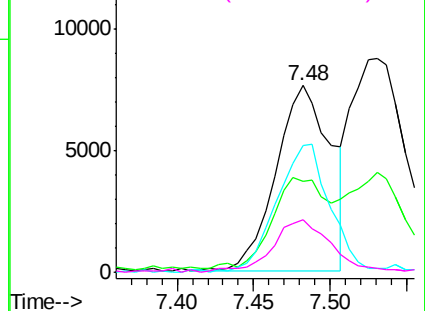
#41
Methacrylonitrile
Concen: 49.294 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW008278.D
Acq: 15 Jan 2019 12:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	19044
Ion	Ratio	Lower	Upper
41	100		
39	48.3	47.9	71.9
67	66.9	56.3	84.5
52	30.4	24.5	36.7

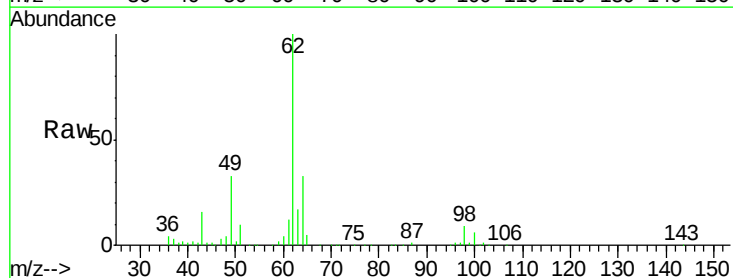


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

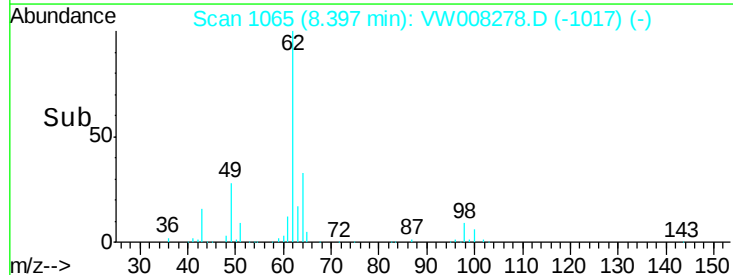
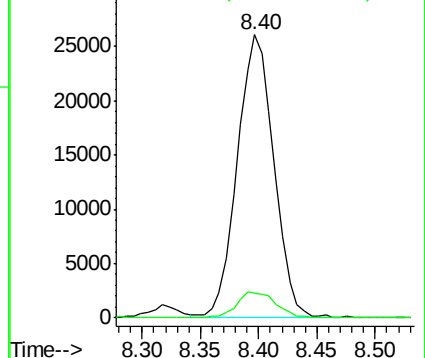


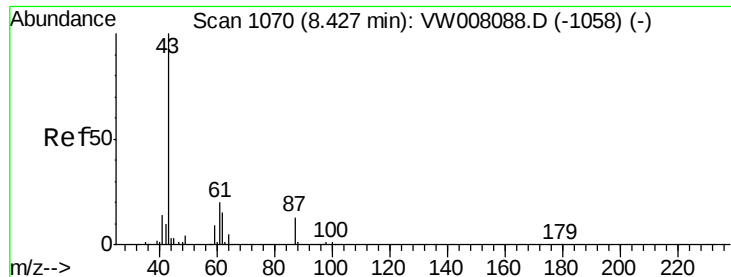
#42
1,2-Dichloroethane
Concen: 48.791 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW008278.D
Acq: 15 Jan 2019 12:14

Tgt Ion:	62	Resp:	56818
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	18.6



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





#43

Isopropyl Acetate

Concen: 47.610 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW008278.D

Acq: 15 Jan 2019 12:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

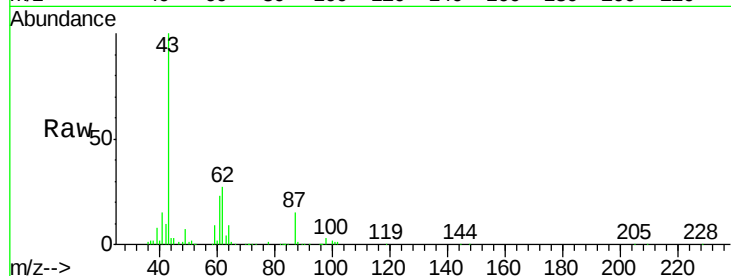
Tot Ion: 43 Resp: 58218

Ion Ratio Lower Upper

43 100

61 30.6 24.8 37.2

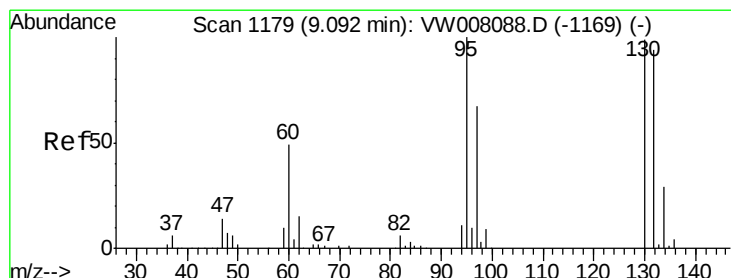
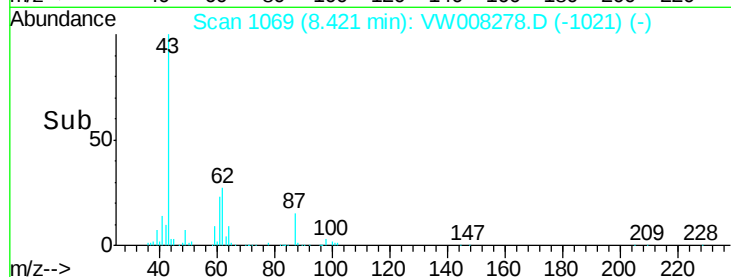
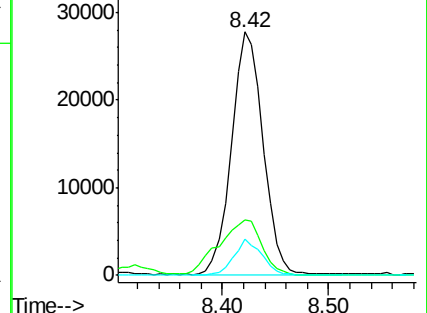
87 13.2 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 53.636 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW008278.D

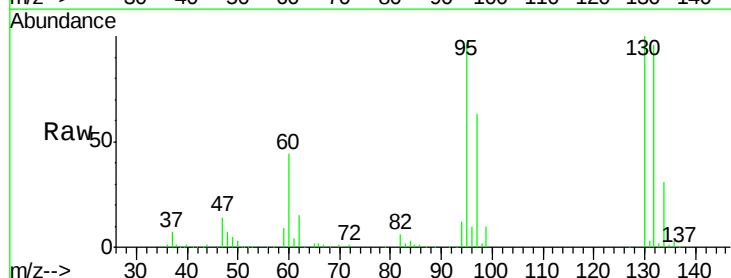
Acq: 15 Jan 2019 12:14

Tgt Ion: 130 Resp: 56849

Ion Ratio Lower Upper

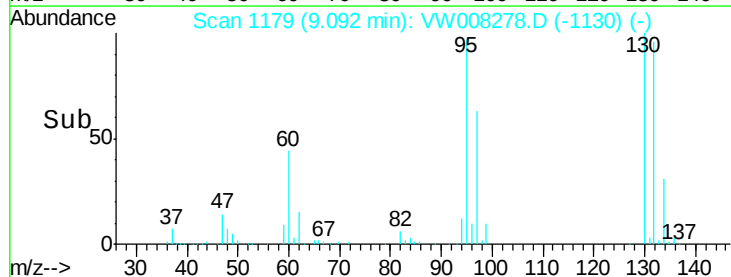
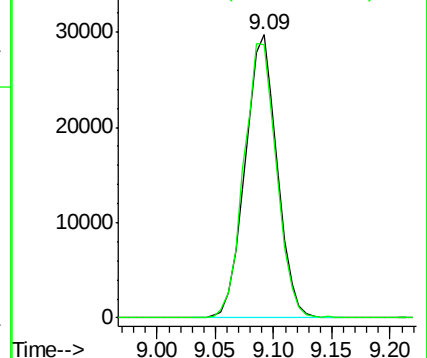
130 100

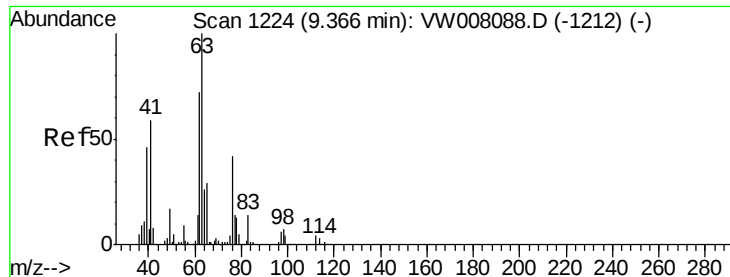
95 96.6 0.0 202.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 51.952 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW008278.D

Acq: 15 Jan 2019 12:14

Instrument :

MSVOA_W

ClientSampleId :

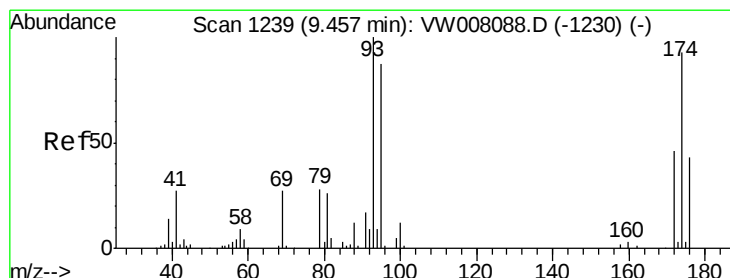
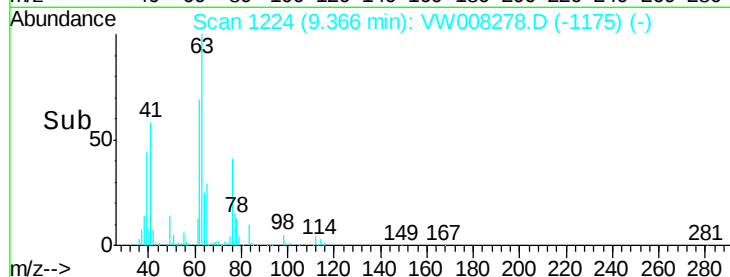
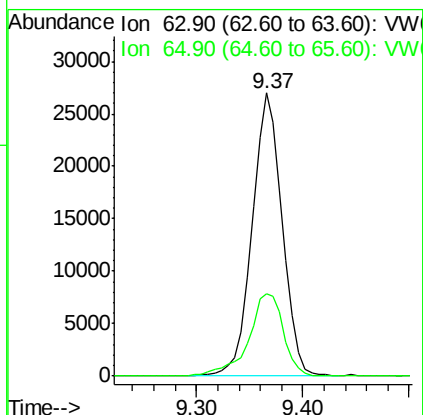
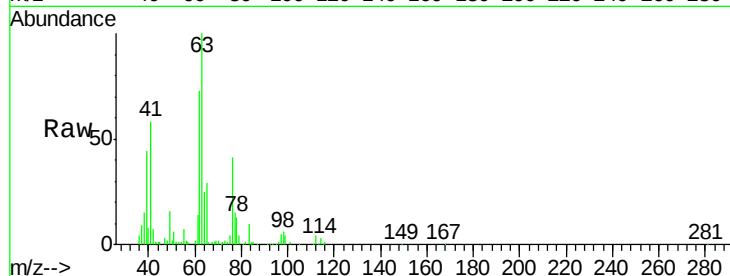
VSTDCCC050

Tot Ion: 63 Resp: 53337

Ion Ratio Lower Upper

63 100

65 29.3 23.3 34.9



#46

Dibromomethane

Concen: 53.257 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW008278.D

Acq: 15 Jan 2019 12:14

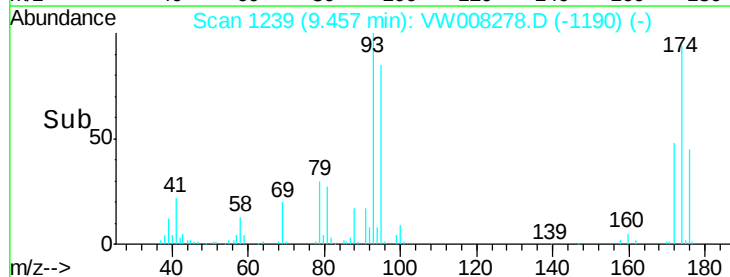
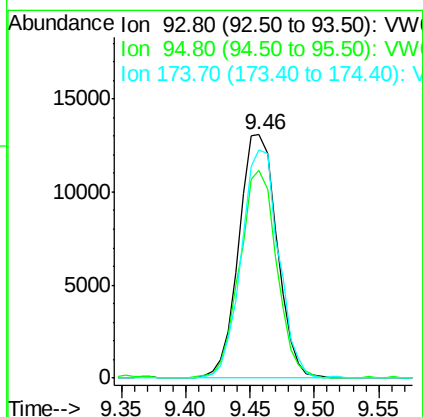
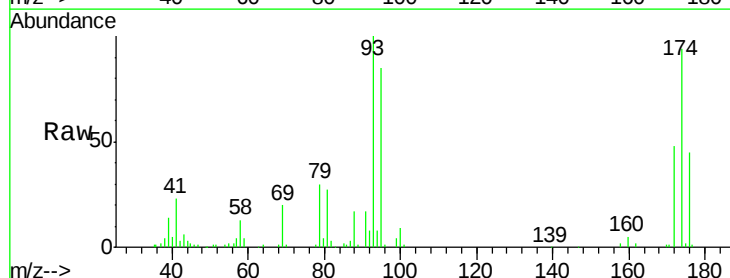
Tgt Ion: 93 Resp: 26852

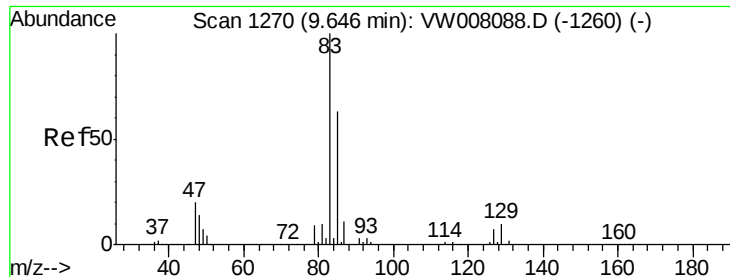
Ion Ratio Lower Upper

93 100

95 82.9 67.5 101.3

174 91.5 72.5 108.7





#47

Bromodichloromethane

Concen: 52.669 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008278.D

Acq: 15 Jan 2019 12:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

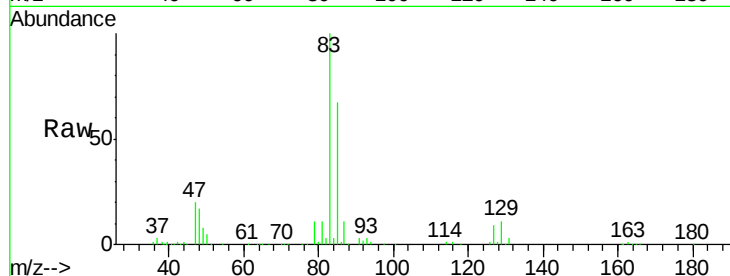
Tot Ion: 83 Resp: 67429

Ion Ratio Lower Upper

83 100

85 67.1 50.7 76.1

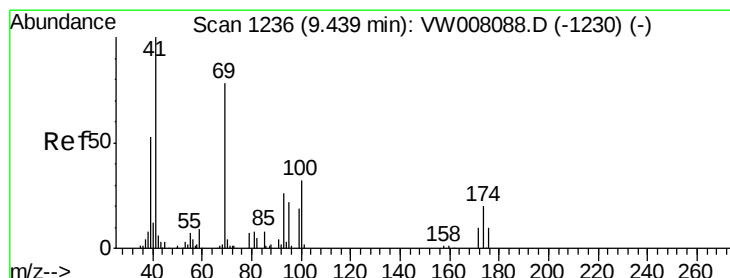
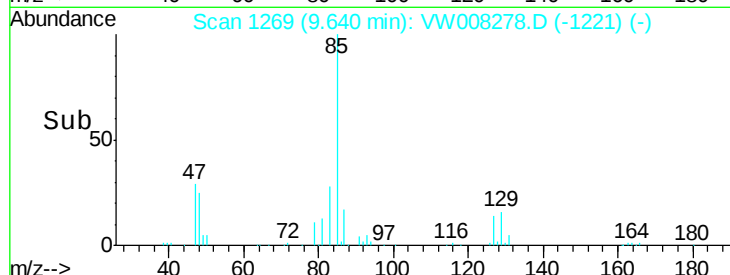
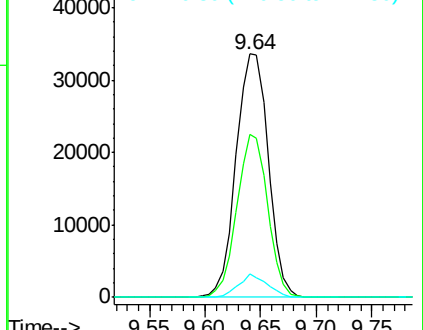
127 9.4 6.0 9.0#



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: 48.497 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW008278.D

Acq: 15 Jan 2019 12:14

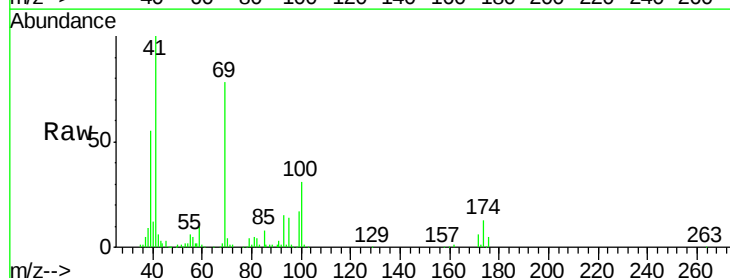
Tgt Ion: 41 Resp: 27982

Ion Ratio Lower Upper

41 100

69 88.1 61.9 92.9

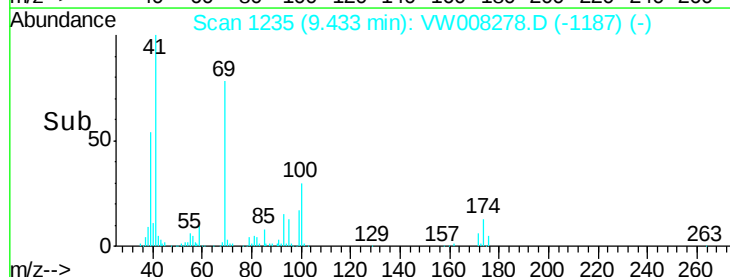
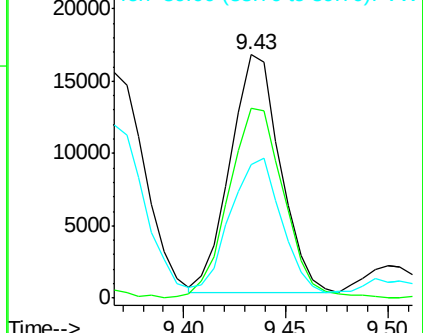
39 57.7 43.0 64.4

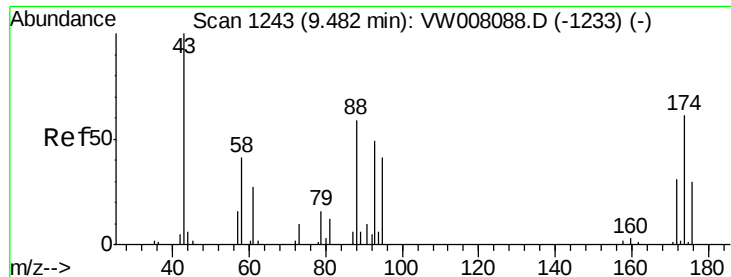


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

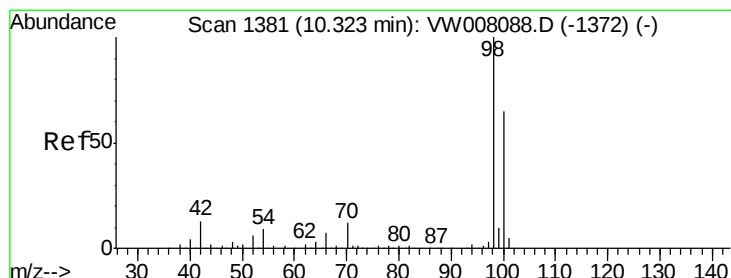
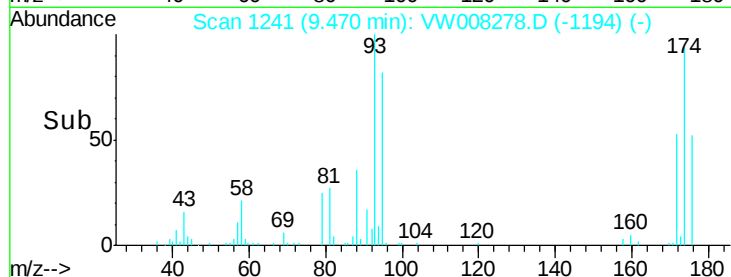
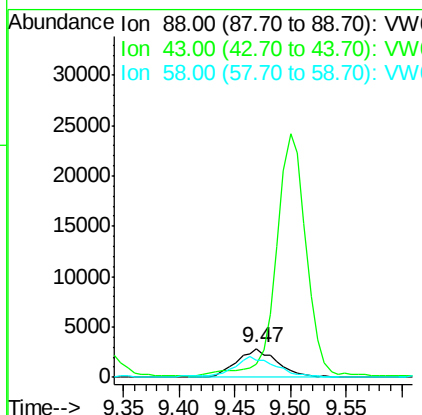
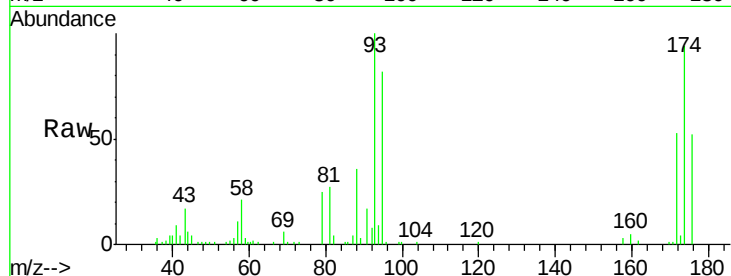




#49
 1,4-Dioxane
 Concen: 891.052 ug/l
 RT: 9.47 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VW008278.D
 Acq: 15 Jan 2019 12:14

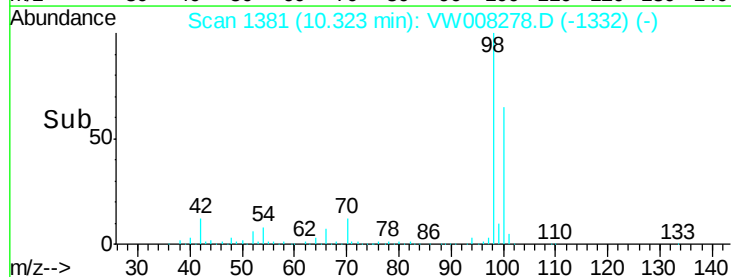
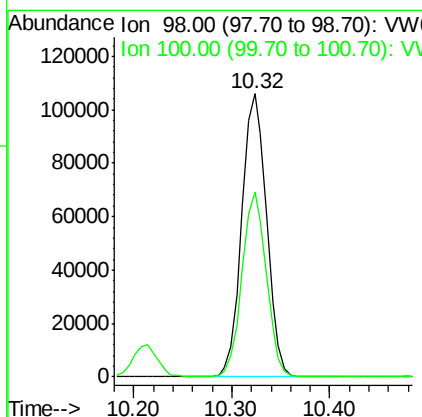
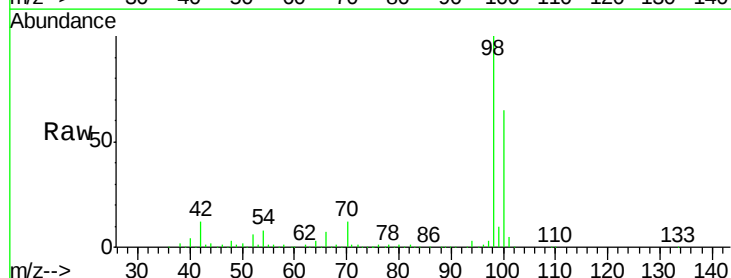
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

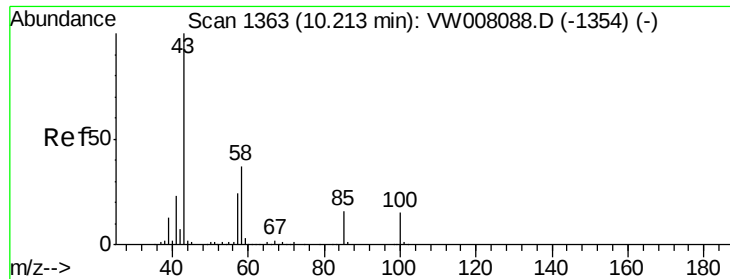
Tot Ion: 88 Resp: 7225
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 76.4 61.7 92.5



#50
 Toluene-d8
 Concen: 51.386 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW008278.D
 Acq: 15 Jan 2019 12:14

Tgt Ion: 98 Resp: 186379
 Ion Ratio Lower Upper
 98 100
 100 64.1 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 244.528 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.01 min

Lab File: VW008278.D

Acq: 15 Jan 2019 12:14

Instrument :

MSVOA_W

ClientSampleId :

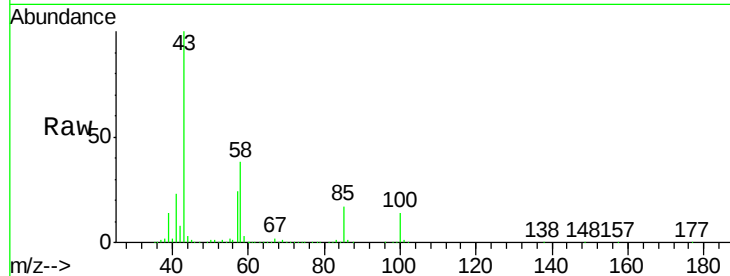
VSTDCCC050

Tot Ion: 43 Resp: 144736

Ion Ratio Lower Upper

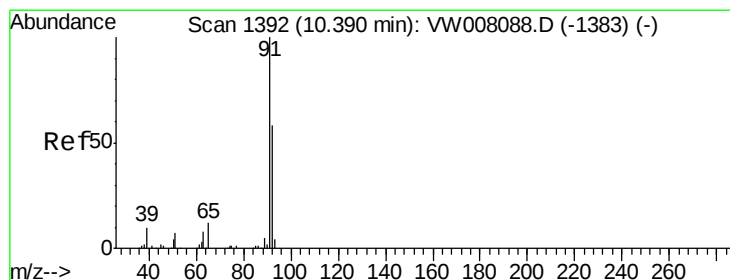
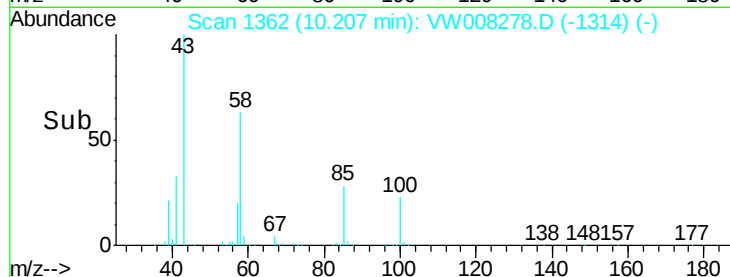
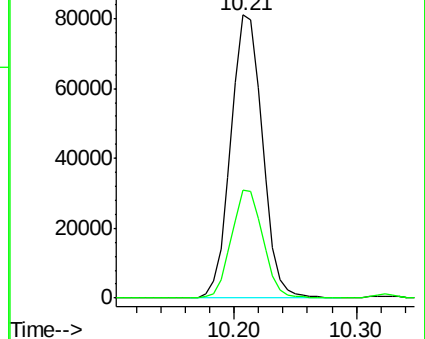
43 100

58 38.3 30.6 46.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 53.473 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008278.D

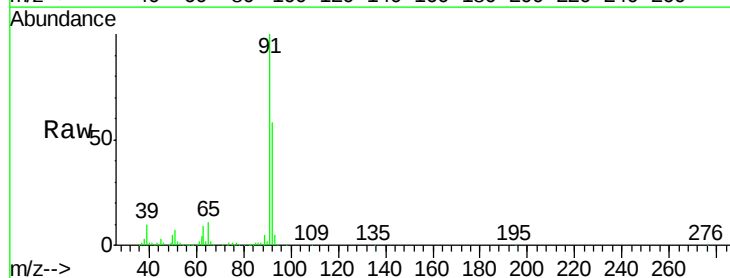
Acq: 15 Jan 2019 12:14

Tgt Ion: 92 Resp: 141396

Ion Ratio Lower Upper

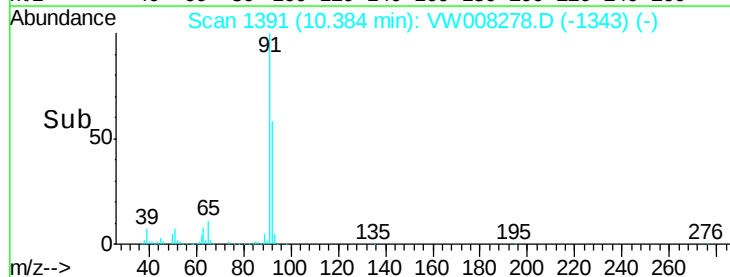
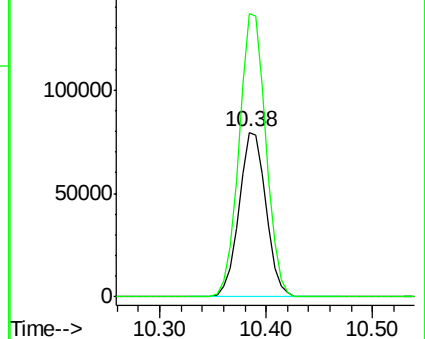
92 100

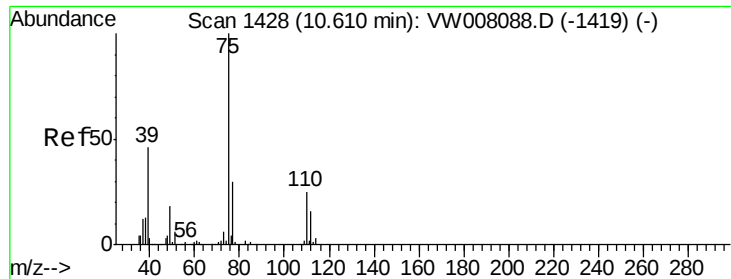
91 171.1 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 51.608 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.01 min

Lab File: VW008278.D

Acq: 15 Jan 2019 12:14

Instrument :

MSVOA_W

ClientSampleId :

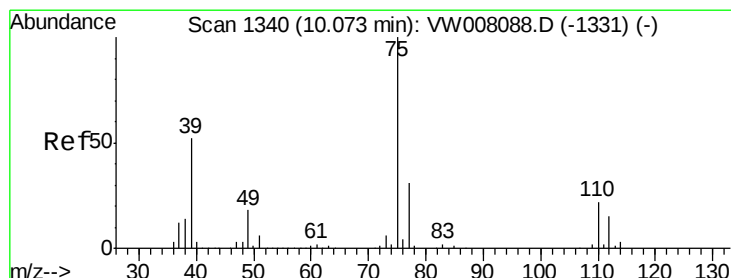
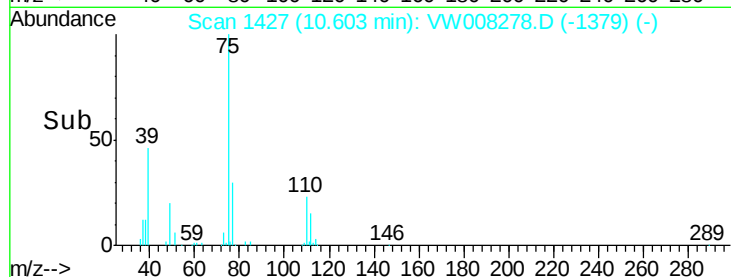
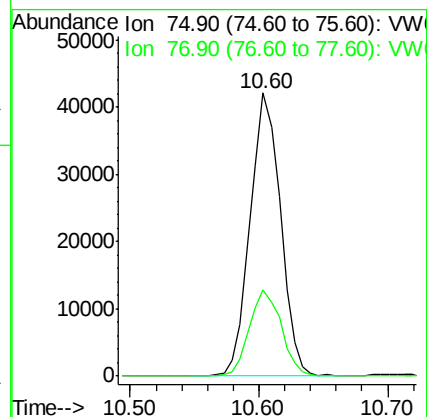
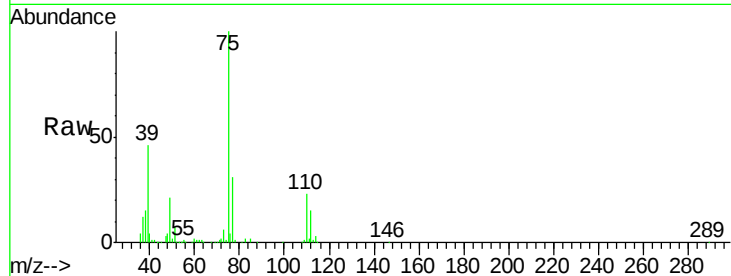
VSTDCCC050

Tot Ion: 75 Resp: 68726

Ion Ratio Lower Upper

75 100

77 30.3 24.4 36.6



#54

cis-1,3-Dichloropropene

Concen: 52.088 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW008278.D

Acq: 15 Jan 2019 12:14

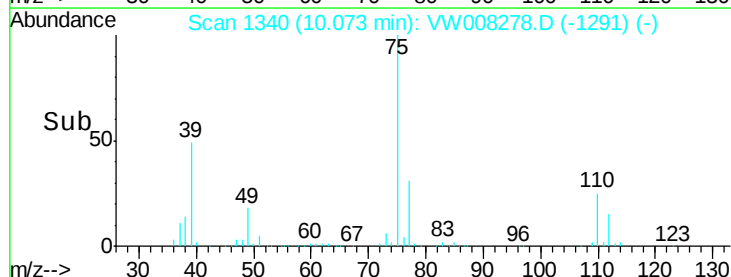
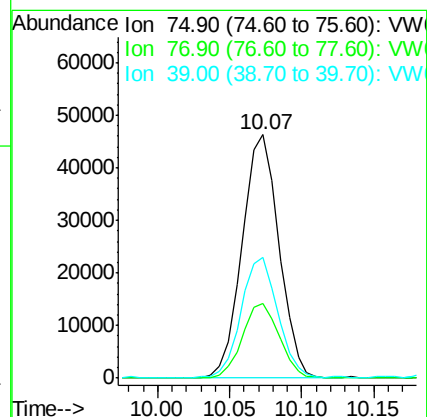
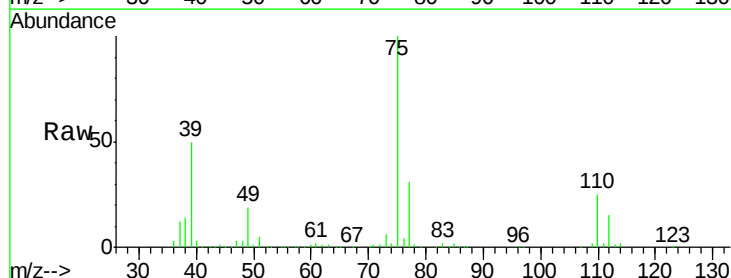
Tgt Ion: 75 Resp: 82254

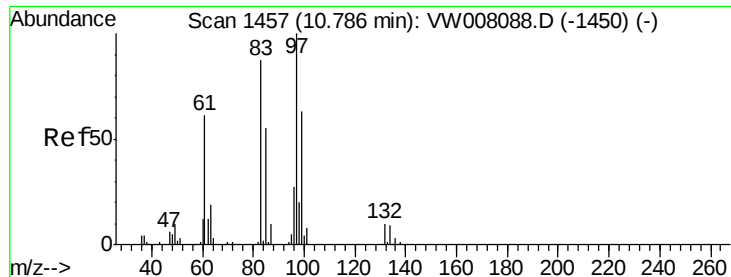
Ion Ratio Lower Upper

75 100

77 30.5 25.2 37.8

39 49.5 41.4 62.0





#55

1,1,2-Trichloroethane

Concen: 54.120 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW008278.D

Acq: 15 Jan 2019 12:14

Instrument :

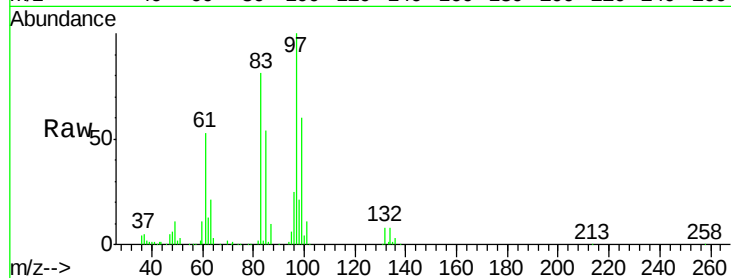
MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 38311

Ion	Ratio	Lower	Upper
97	100		
83	80.7	69.3	103.9
85	54.5	43.8	65.6
99	60.6	50.0	75.0

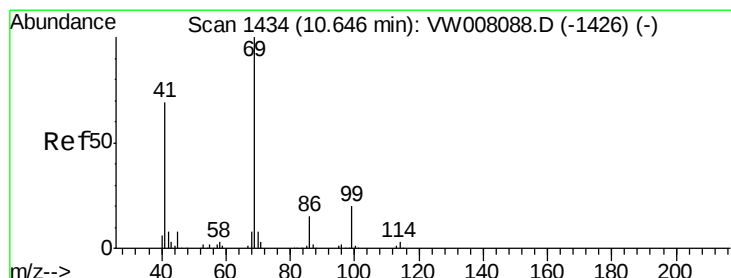
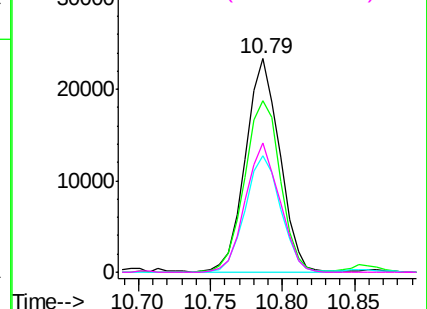
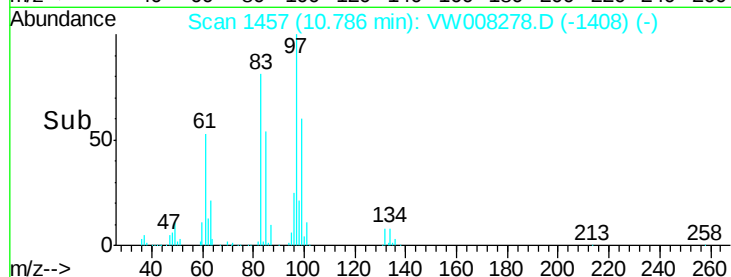


Abundance Ion 96.90 (96.60 to 97.60): VW

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: 51.946 ug/l

RT: 10.65 min Scan# 1434

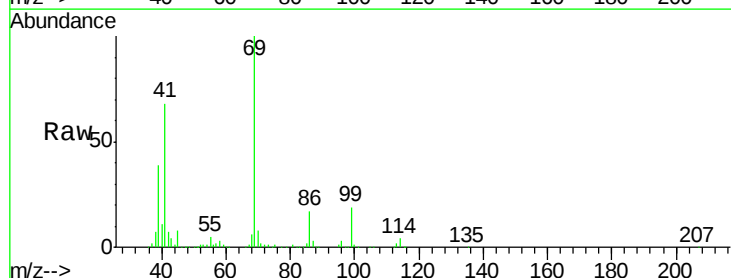
Delta R.T. -0.00 min

Lab File: VW008278.D

Acq: 15 Jan 2019 12:14

Tgt Ion: 69 Resp: 45539

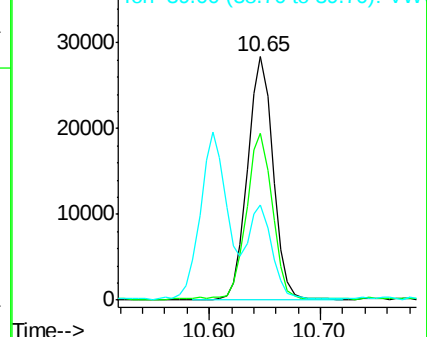
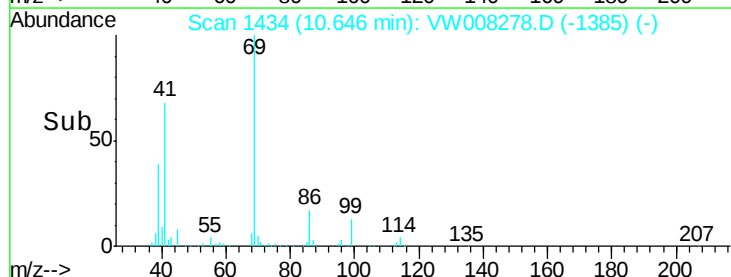
Ion	Ratio	Lower	Upper
69	100		
41	68.5	56.4	84.6
39	34.9	28.1	42.1

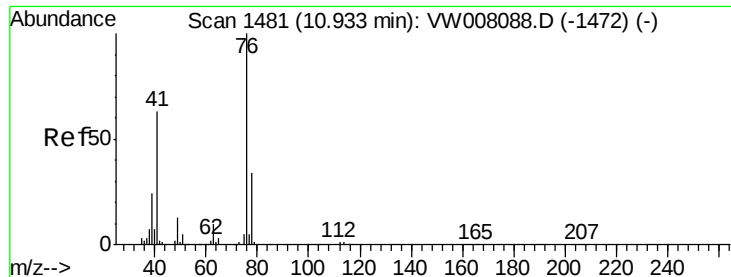


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 51.314 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW008278.D

Acq: 15 Jan 2019 12:14

Instrument :

MSVOA_W

ClientSampleId :

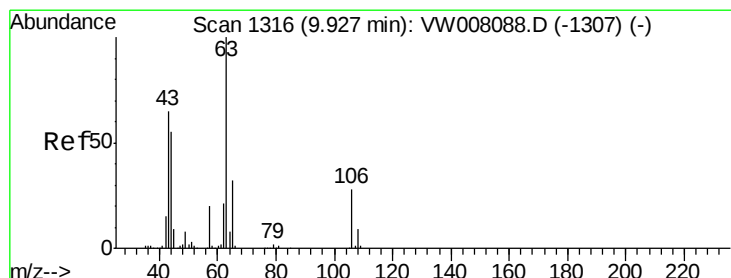
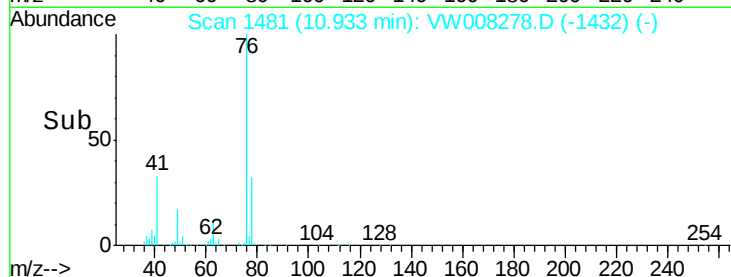
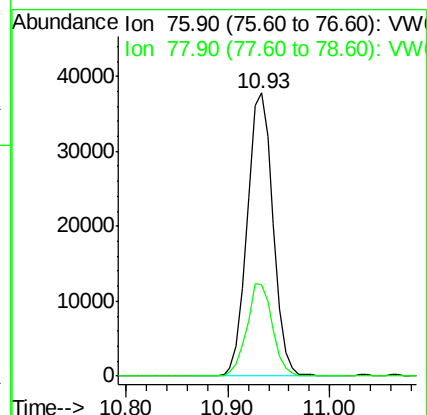
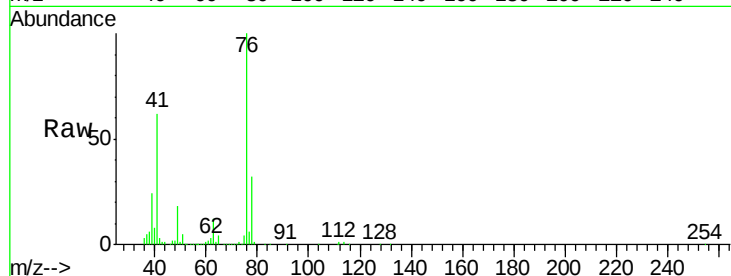
VSTDCCC050

Tot Ion: 76 Resp: 66433

Ion Ratio Lower Upper

76 100

78 32.4 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 247.529 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VW008278.D

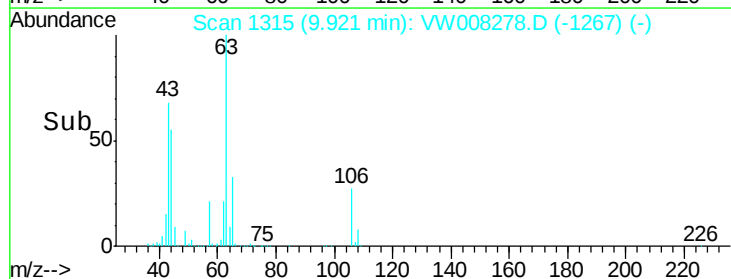
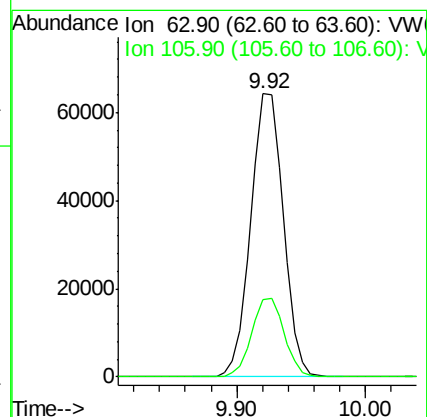
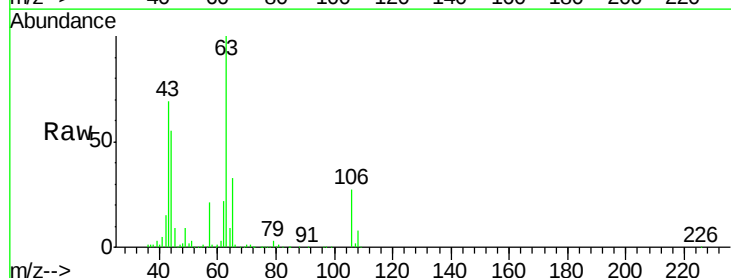
Acq: 15 Jan 2019 12:14

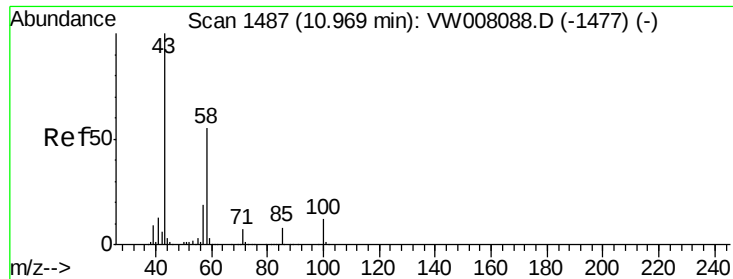
Tgt Ion: 63 Resp: 112091

Ion Ratio Lower Upper

63 100

106 27.5 21.8 32.6

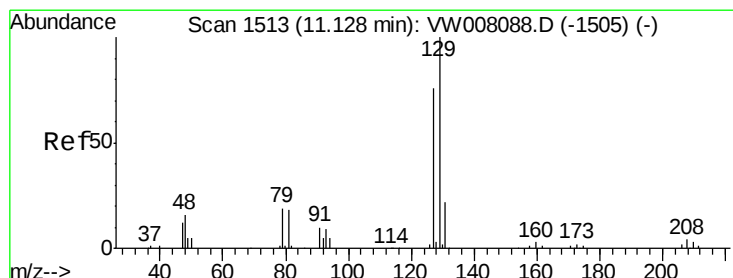
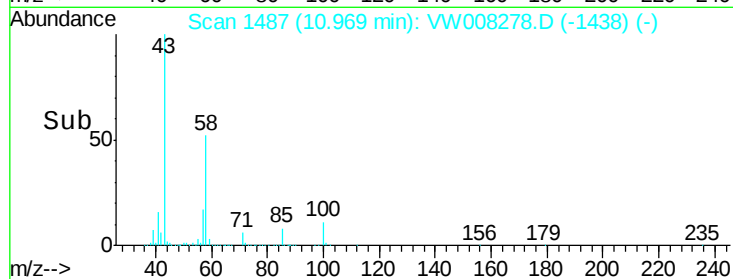
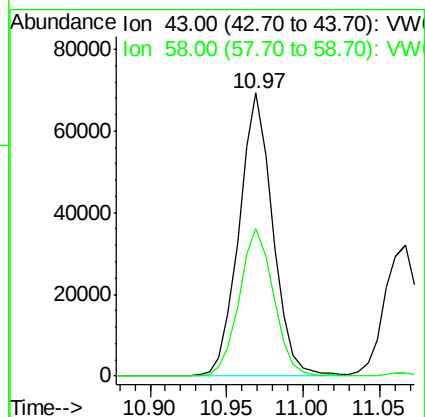
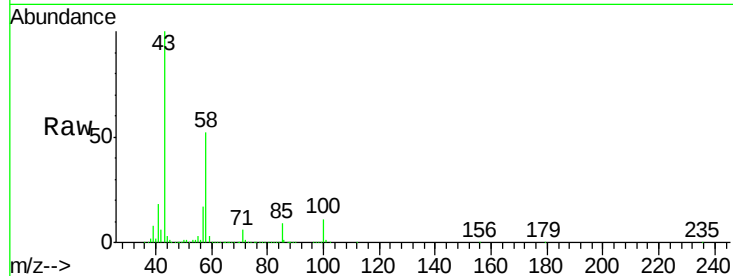




#59
2-Hexanone
Concen: 261.855 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008278.D
Acq: 15 Jan 2019 12:14

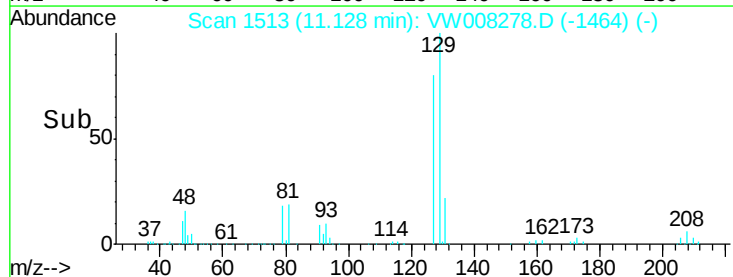
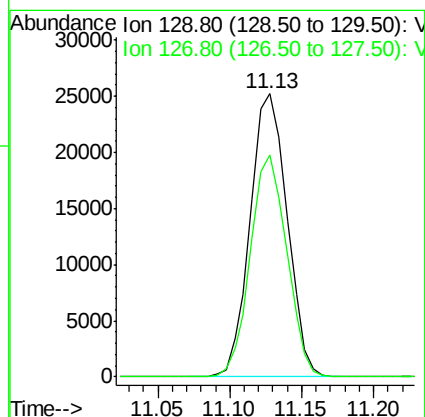
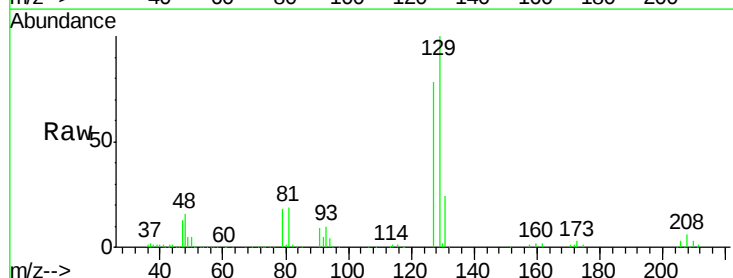
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

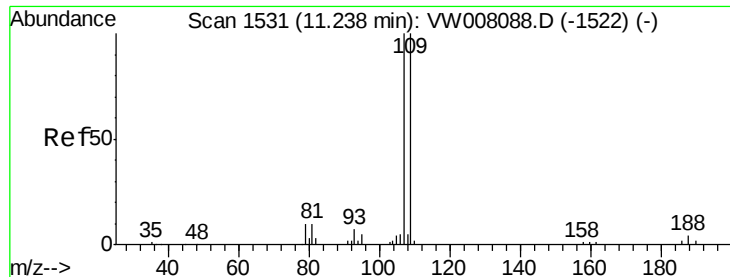
Tot Ion: 43 Resp: 104813
Ion Ratio Lower Upper
43 100
58 53.6 27.2 81.5



#60
Dibromochloromethane
Concen: 57.719 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008278.D
Acq: 15 Jan 2019 12:14

Tgt Ion: 129 Resp: 44867
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.6





#61

1,2-Dibromoethane

Concen: 54.138 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW008278.D

Acq: 15 Jan 2019 12:14

Instrument :

MSVOA_W

ClientSampleId :

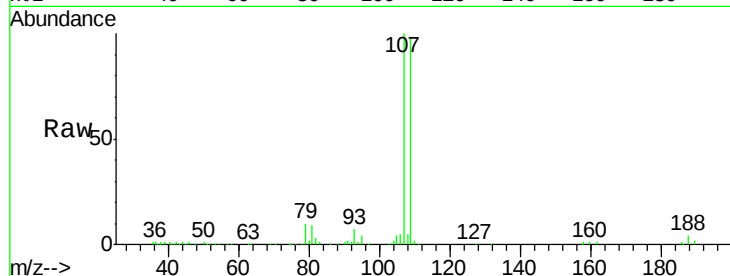
VSTDCCC050

Tot Ion:107 Resp: 36364

Ion Ratio Lower Upper

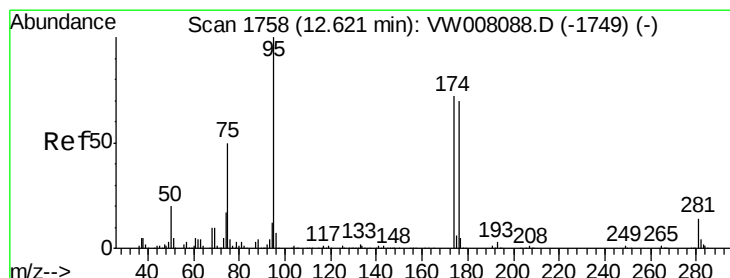
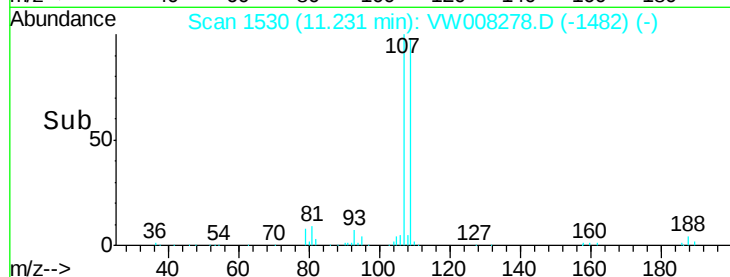
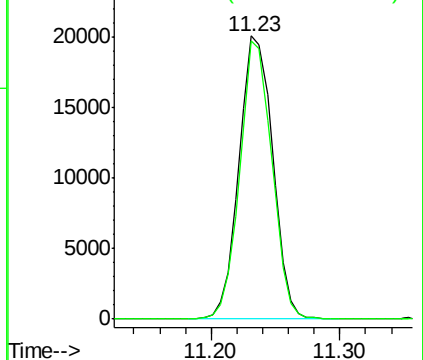
107 100

109 93.7 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.829 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008278.D

Acq: 15 Jan 2019 12:14

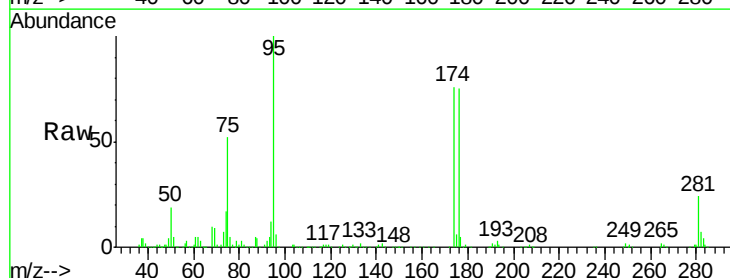
Tgt Ion: 95 Resp: 66093

Ion Ratio Lower Upper

95 100

174 74.3 0.0 143.0

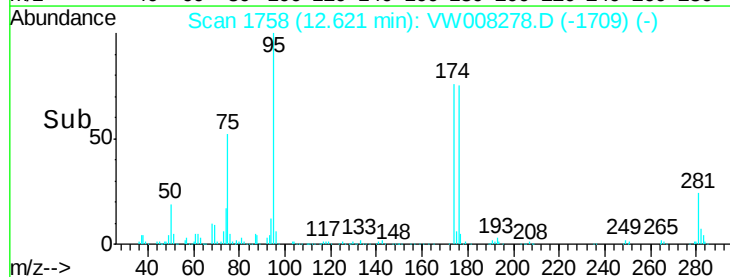
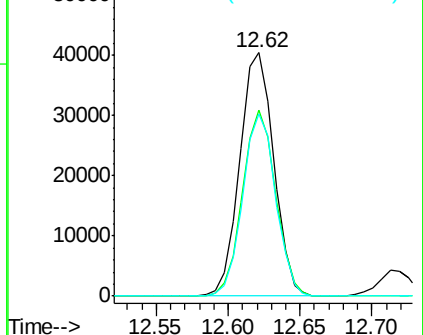
176 72.1 0.0 140.2

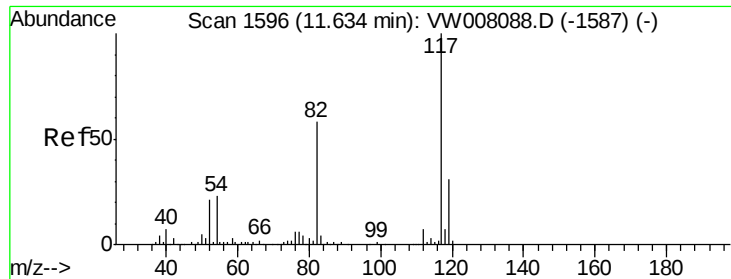


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

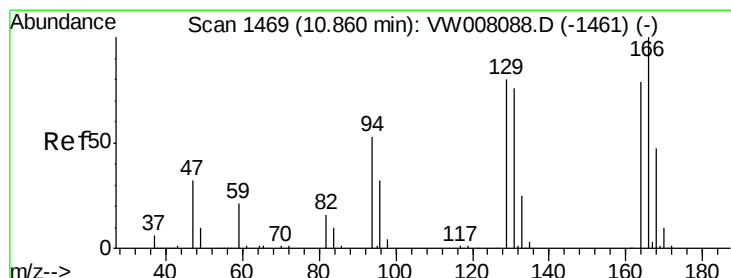
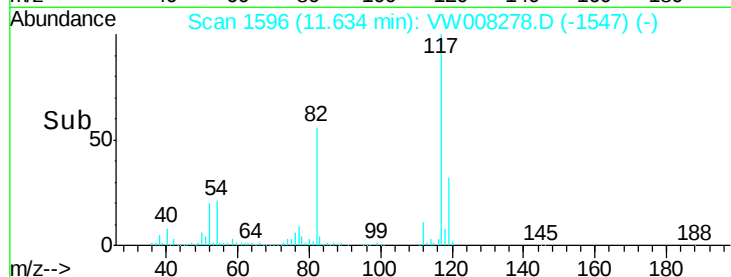
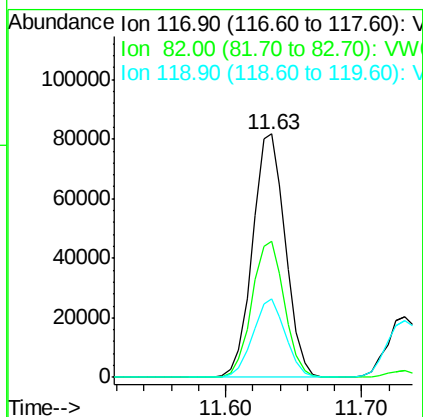
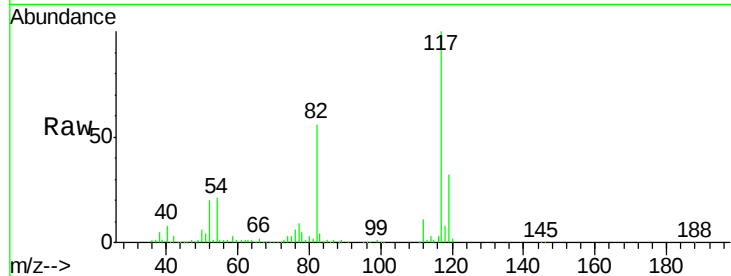




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008278.D
Acq: 15 Jan 2019 12:14

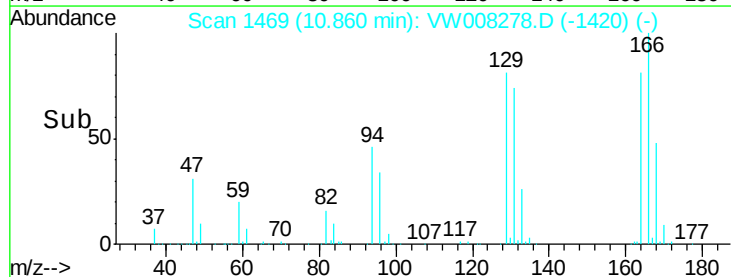
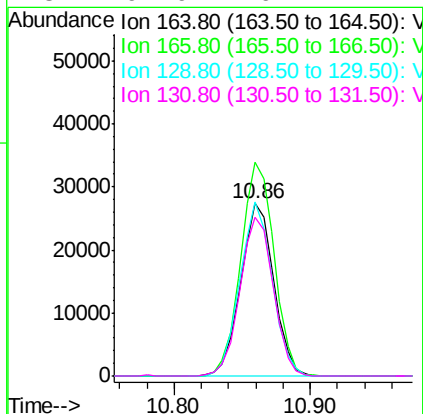
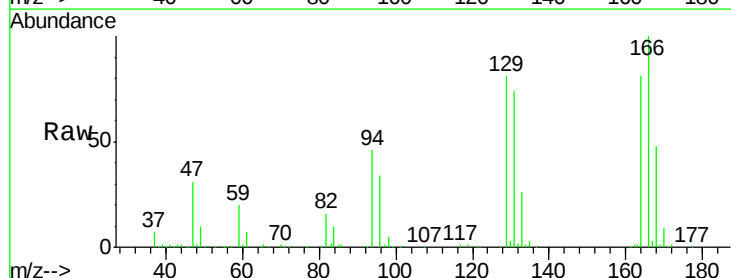
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

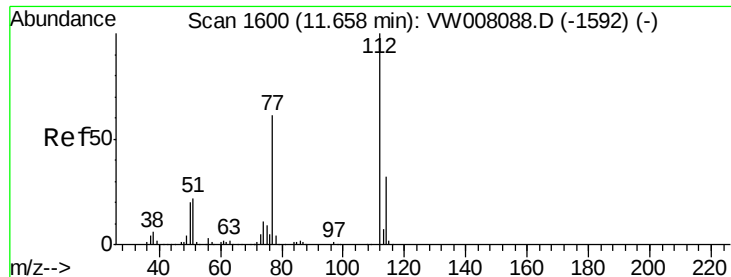
Tot Ion:117 Resp: 138273
Ion Ratio Lower Upper
117 100
82 55.7 46.4 69.6
119 32.3 24.7 37.1



#64
Tetrachloroethene
Concen: 51.644 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW008278.D
Acq: 15 Jan 2019 12:14

Tgt Ion:164 Resp: 46473
Ion Ratio Lower Upper
164 100
166 123.9 100.7 151.1
129 100.8 81.0 121.4
131 91.9 76.1 114.1





#65

Chlorobenzene

Concen: 51.358 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW008278.D

Acq: 15 Jan 2019 12:14

Instrument :

MSVOA_W

ClientSampleId :

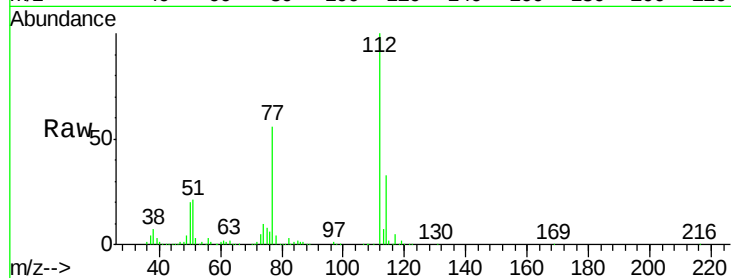
VSTDCCC050

Tot Ion:112 Resp: 150450

Ion Ratio Lower Upper

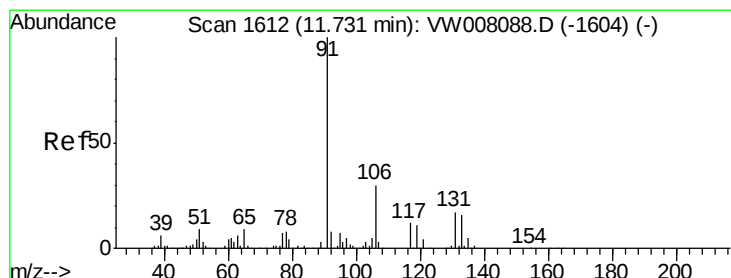
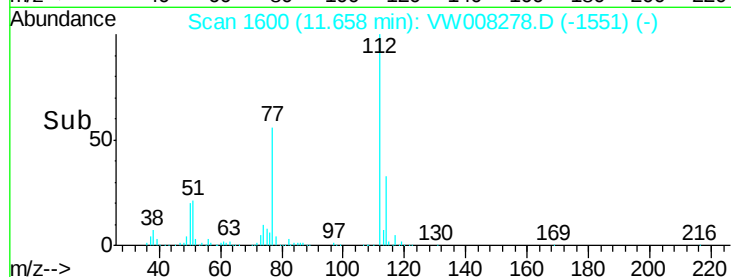
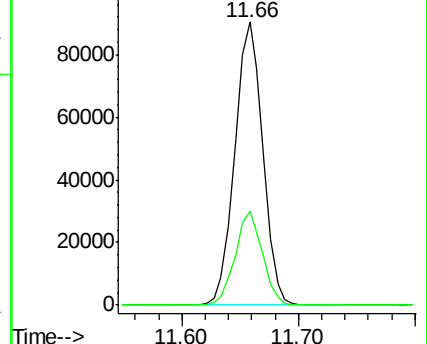
112 100

114 33.0 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 53.791 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW008278.D

Acq: 15 Jan 2019 12:14

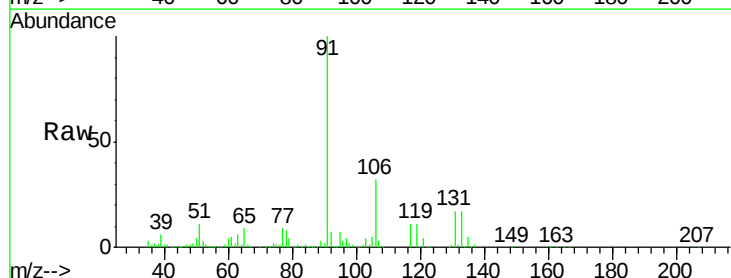
Tgt Ion:131 Resp: 51252

Ion Ratio Lower Upper

131 100

133 95.0 47.9 143.7

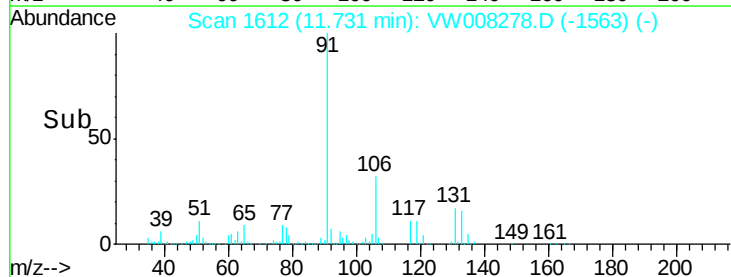
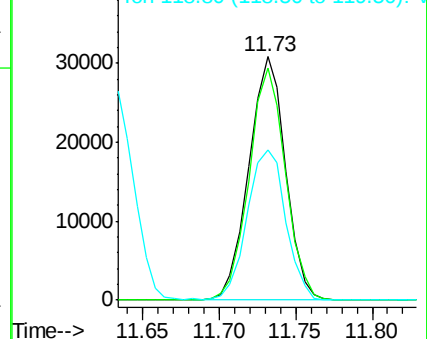
119 65.0 32.5 97.4

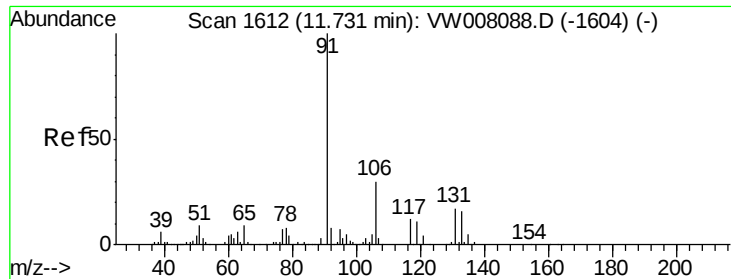


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

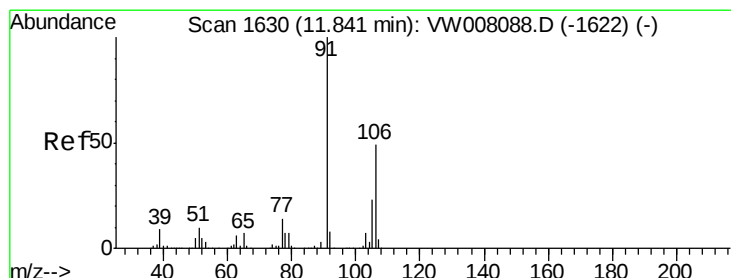
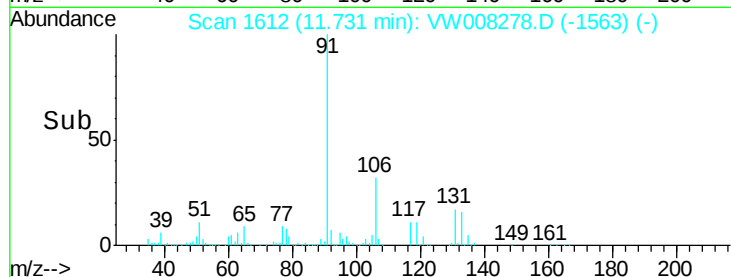
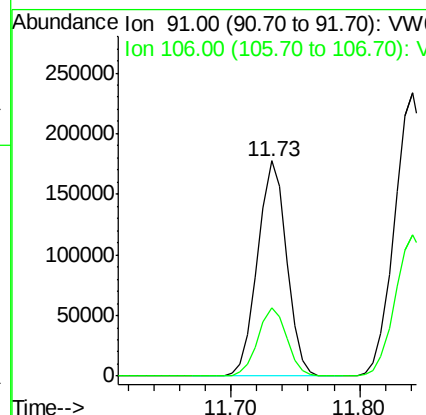
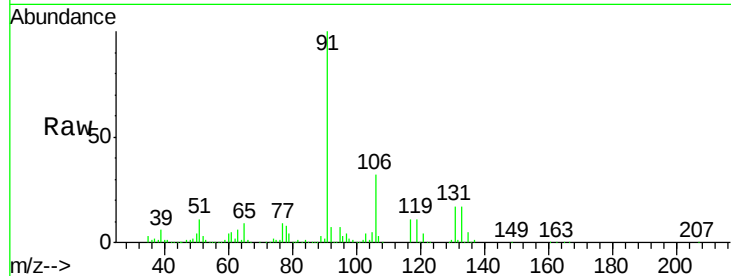




#67
Ethyl Benzene
Concen: 51.472 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008278.D
Acq: 15 Jan 2019 12:14

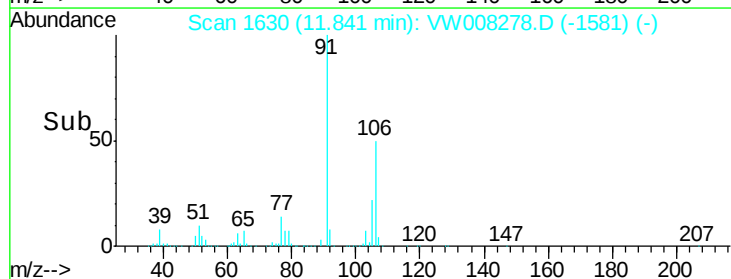
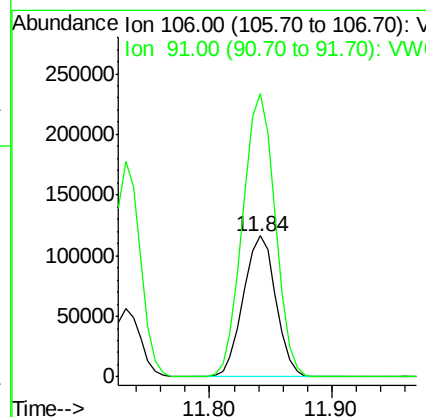
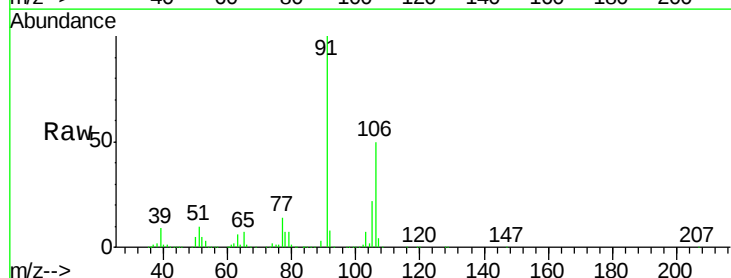
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

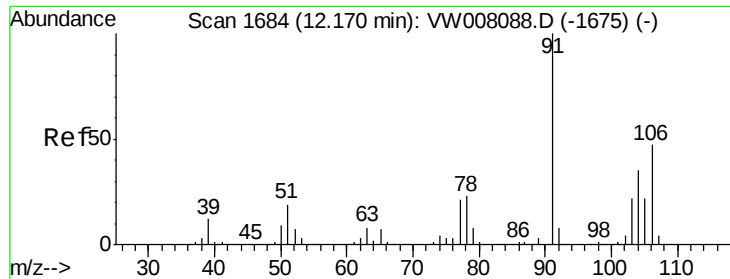
Tot Ion: 91 Resp: 275891
Ion Ratio Lower Upper
91 100
106 31.8 24.2 36.4



#68
m/p-Xylenes
Concen: 104.788 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008278.D
Acq: 15 Jan 2019 12:14

Tgt Ion: 106 Resp: 214382
Ion Ratio Lower Upper
106 100
91 200.9 162.4 243.6

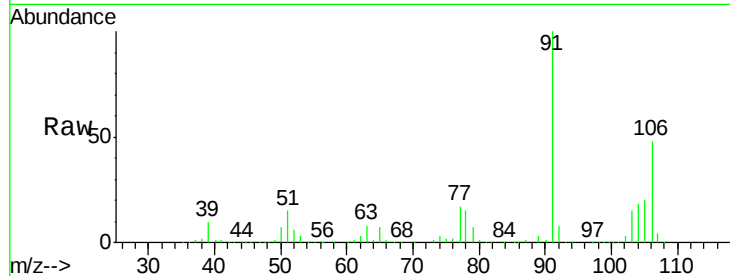




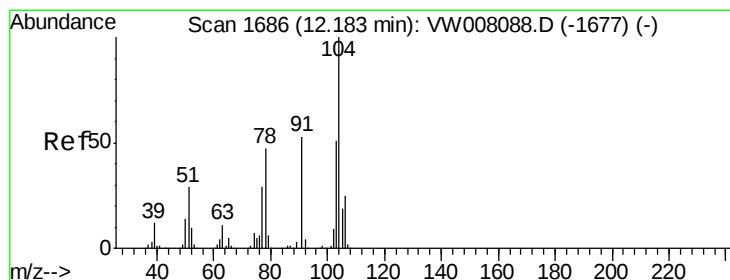
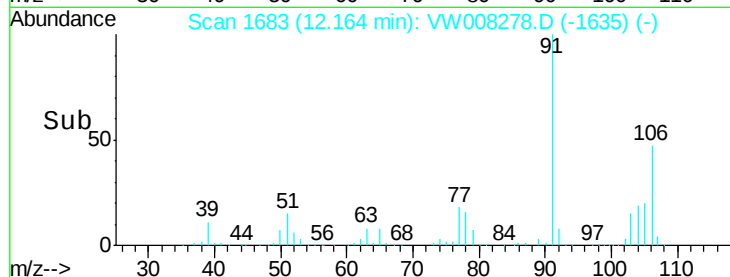
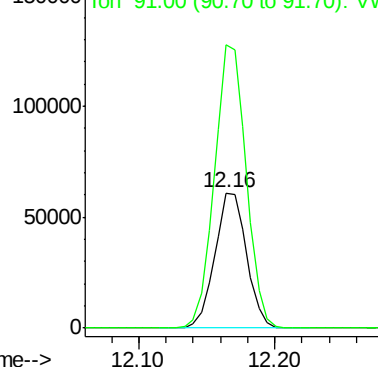
#69
o-Xylene
Concen: 52.446 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008278.D
Acq: 15 Jan 2019 12:14

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 99361
Ion Ratio Lower Upper
106 100
91 209.6 107.8 323.6

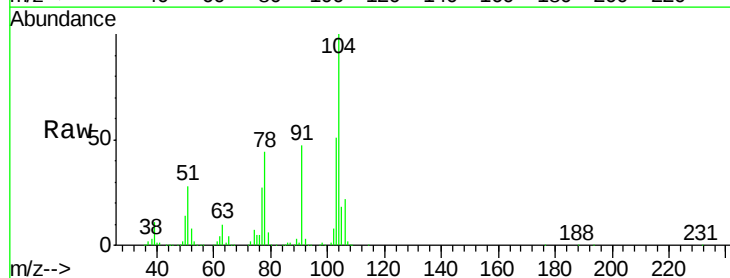


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

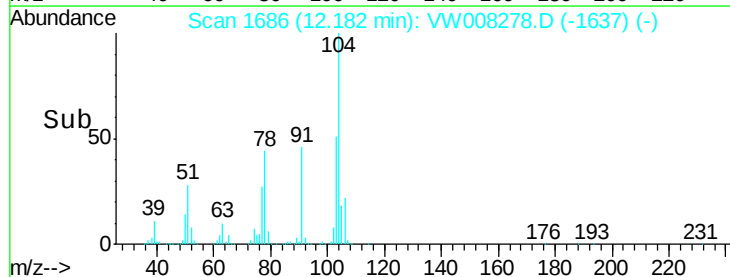
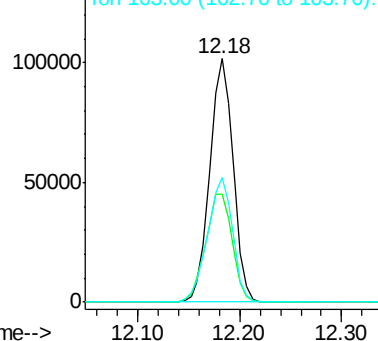


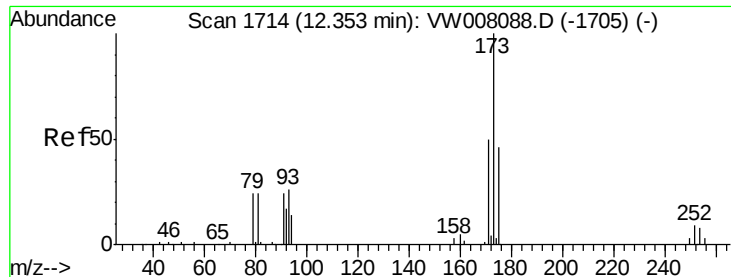
#70
Styrene
Concen: 54.267 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008278.D
Acq: 15 Jan 2019 12:14

Tgt Ion:104 Resp: 161035
Ion Ratio Lower Upper
104 100
78 50.3 41.8 62.8
103 54.7 43.8 65.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 55.935 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW008278.D

Acq: 15 Jan 2019 12:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

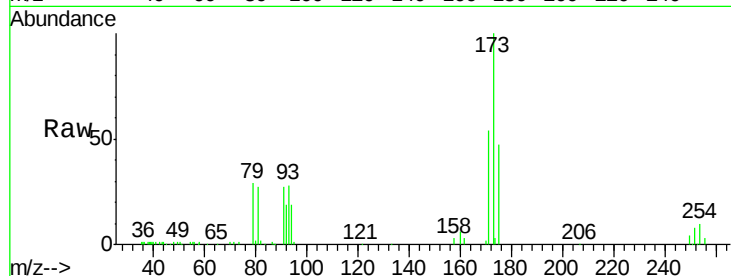
Tot Ion:173 Resp: 23852

Ion Ratio Lower Upper

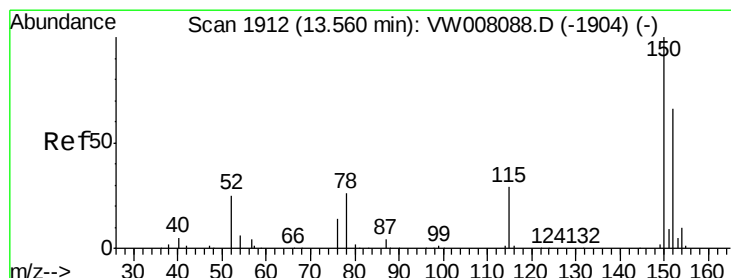
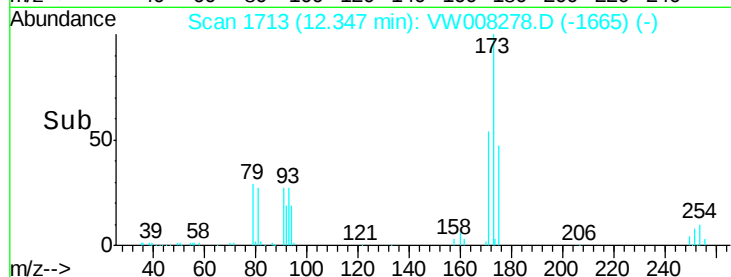
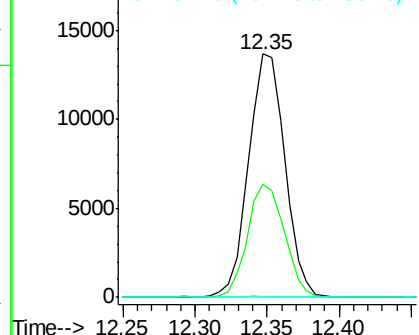
173 100

175 47.0 23.3 69.8

254 0.2 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008278.D

Acq: 15 Jan 2019 12:14

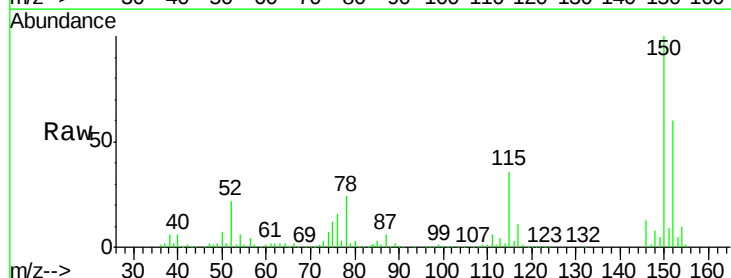
Tgt Ion:152 Resp: 68746

Ion Ratio Lower Upper

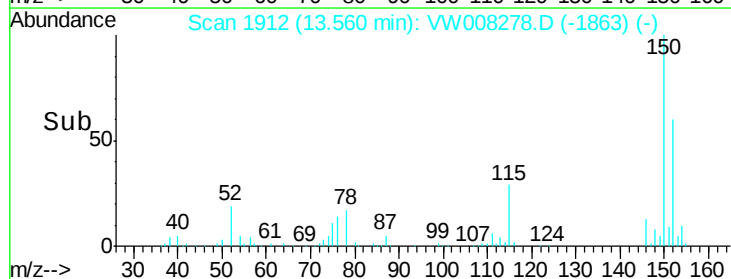
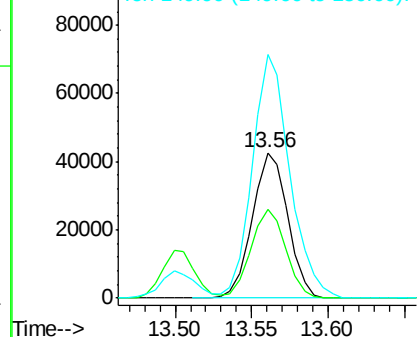
152 100

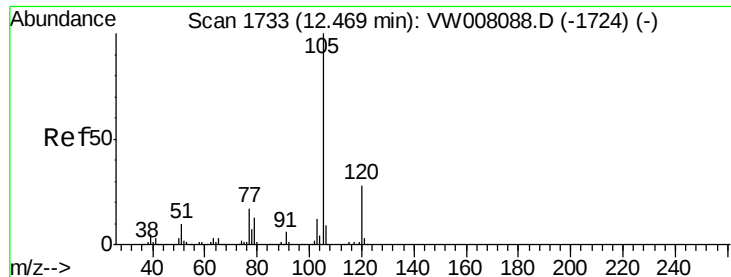
115 60.1 30.8 92.4

150 177.0 0.0 350.2



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: 51.165 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008278.D

Acq: 15 Jan 2019 12:14

Instrument :

MSVOA_W

ClientSampleId :

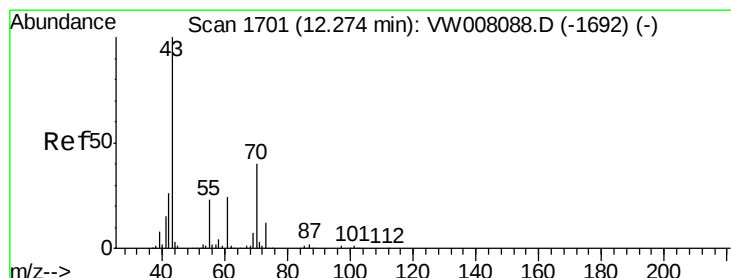
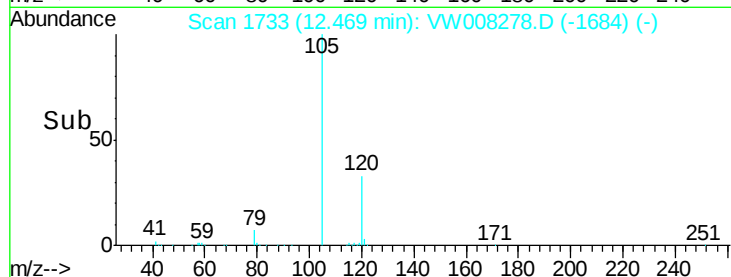
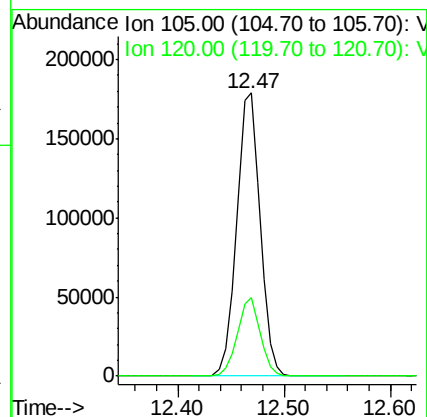
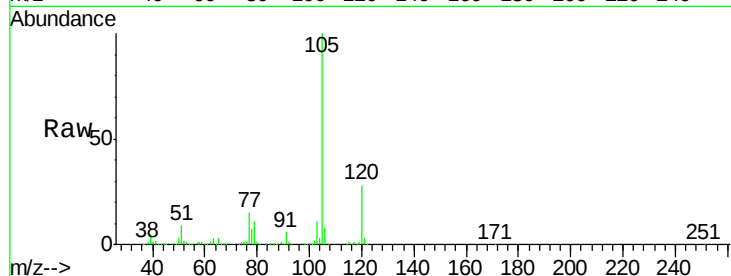
VSTDCCC050

Tot Ion:105 Resp: 276149

Ion Ratio Lower Upper

105 100

120 27.0 13.6 40.8



#74

N-ethyl acetate

Concen: 45.801 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008278.D

Acq: 15 Jan 2019 12:14

Tgt Ion: 43 Resp: 54743

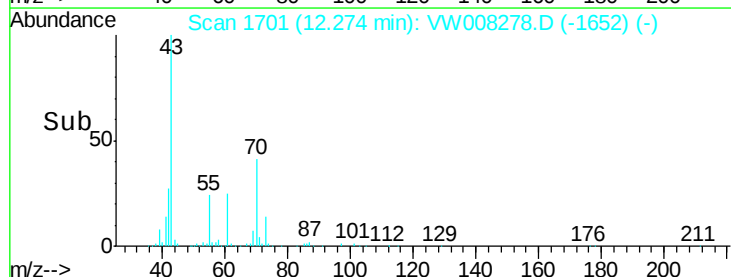
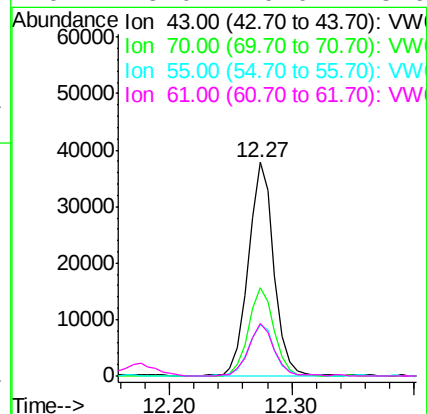
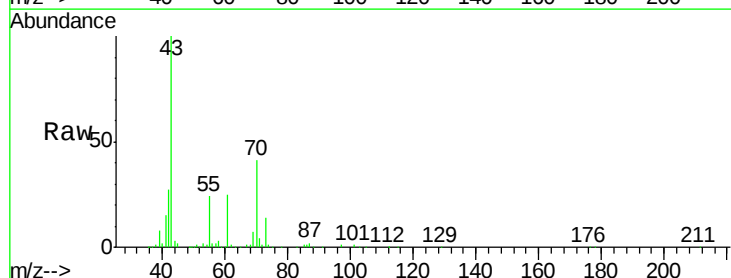
Ion Ratio Lower Upper

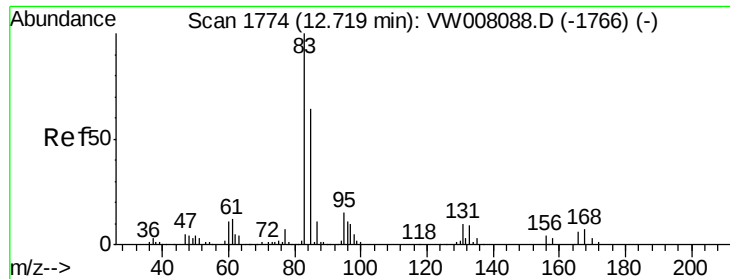
43 100

70 41.3 32.4 48.6

55 25.3 18.7 28.1

61 25.0 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 50.017 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW008278.D

Acq: 15 Jan 2019 12:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

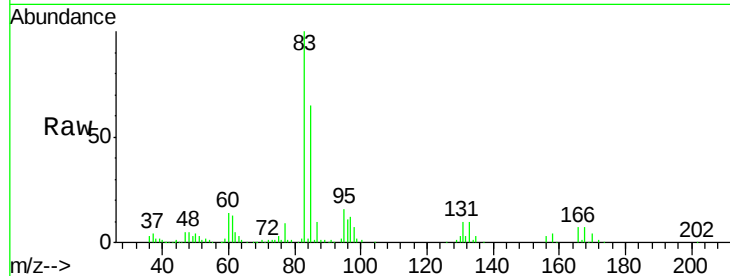
Tot Ion: 83 Resp: 43210

Ion Ratio Lower Upper

83 100

131 10.9 5.3 16.1

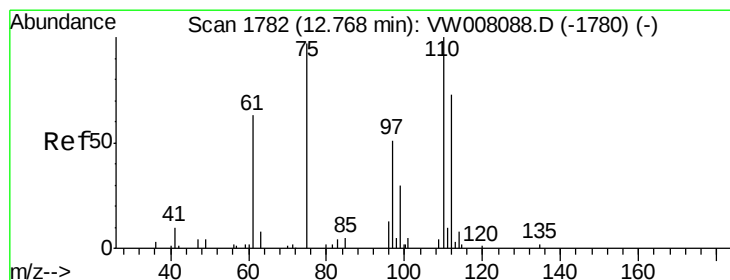
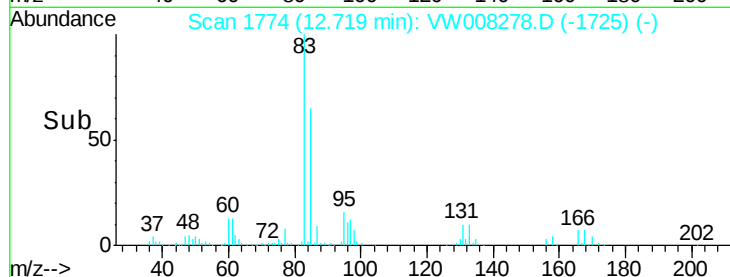
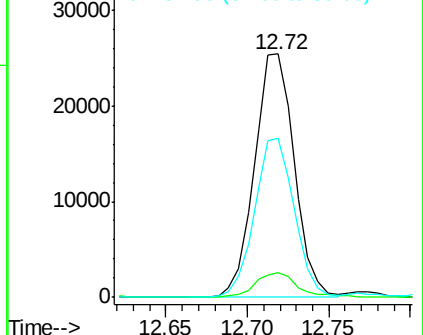
85 65.1 32.4 97.2



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: 57.901 ug/l m

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW008278.D

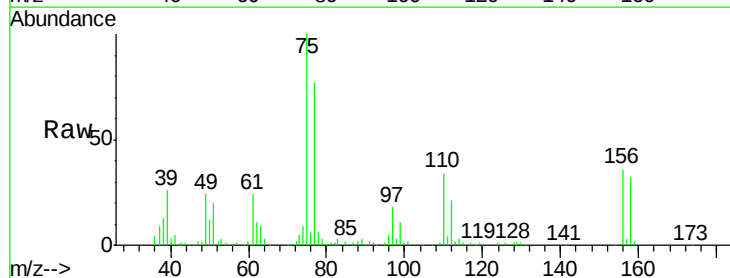
Acq: 15 Jan 2019 12:14

Tgt Ion: 75 Resp: 36286

Ion Ratio Lower Upper

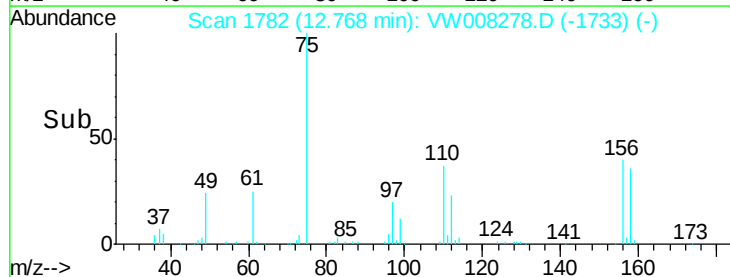
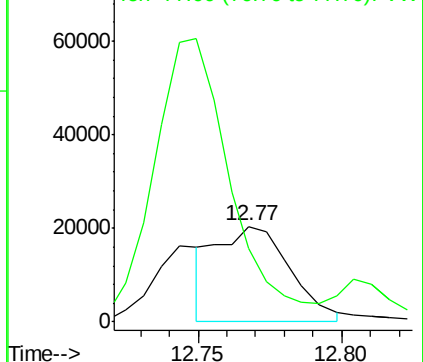
75 100

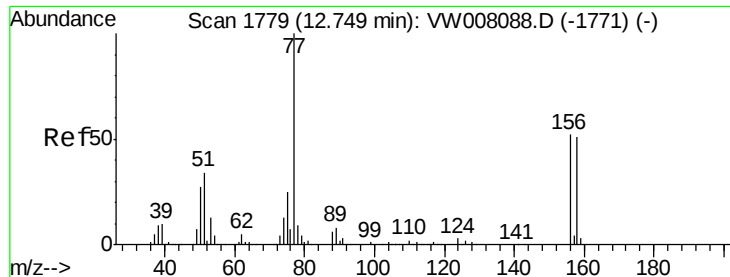
77 310.1 179.4 538.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 50.681 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008278.D

Acq: 15 Jan 2019 12:14

Instrument :

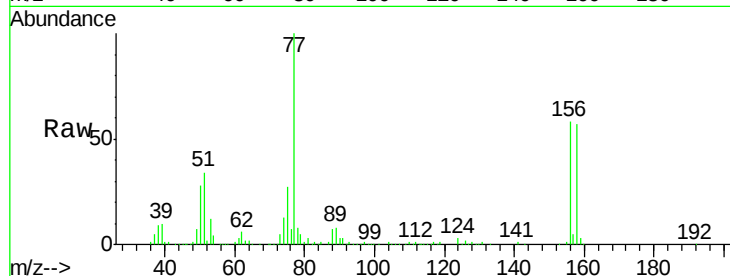
MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 57797

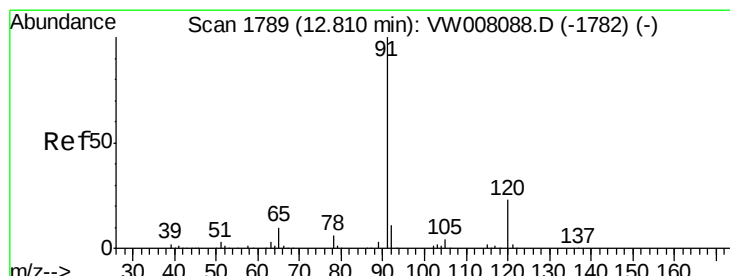
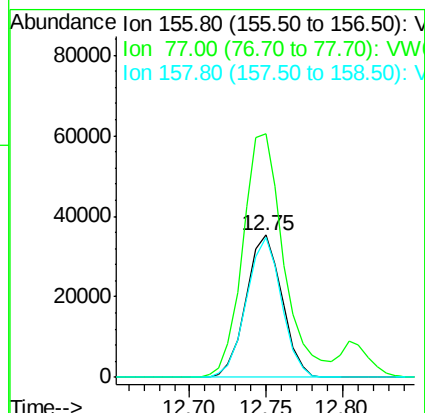
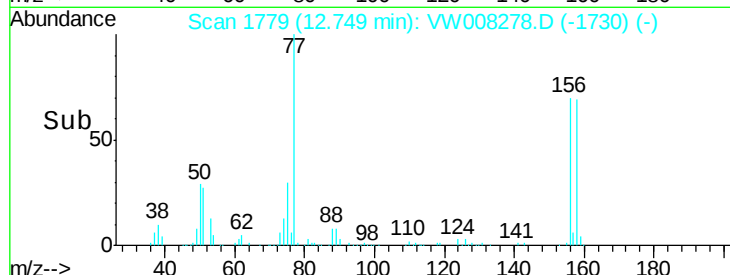
Ion	Ratio	Lower	Upper
156	100		
77	194.7	104.2	312.5
158	95.8	47.9	143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.771 ug/l

RT: 12.80 min Scan# 1788

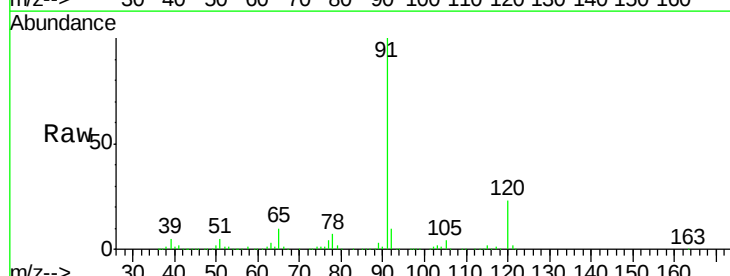
Delta R.T. -0.01 min

Lab File: VW008278.D

Acq: 15 Jan 2019 12:14

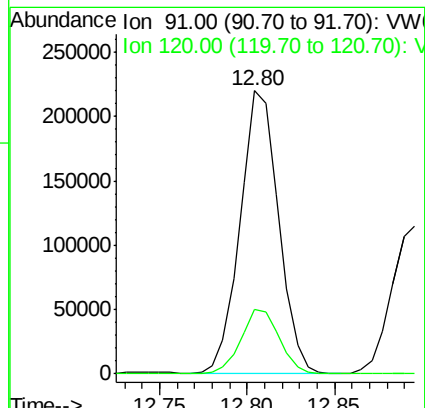
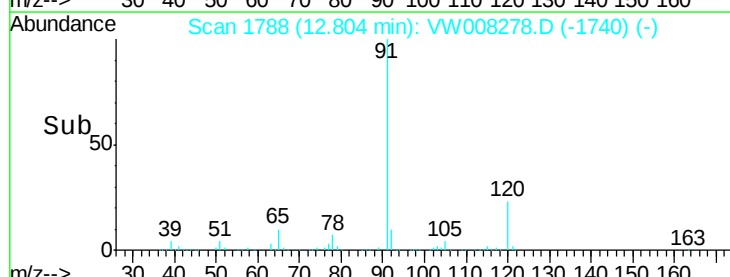
Tgt Ion: 91 Resp: 335751

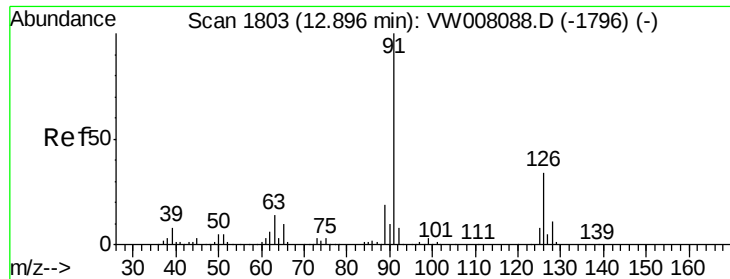
Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.3	33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.025 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW008278.D

Acq: 15 Jan 2019 12:14

Instrument :

MSVOA_W

ClientSampleId :

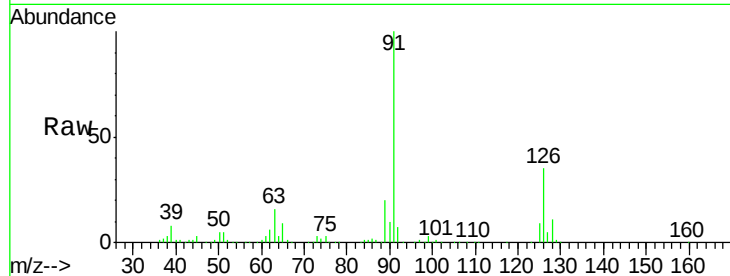
VSTDCCC050

Tot Ion: 91 Resp: 184565

Ion Ratio Lower Upper

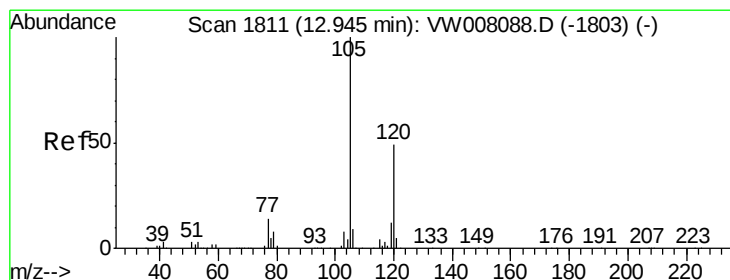
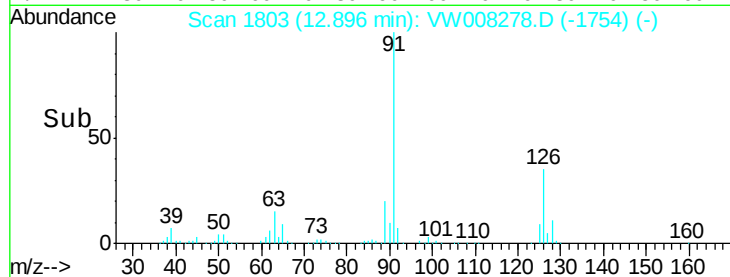
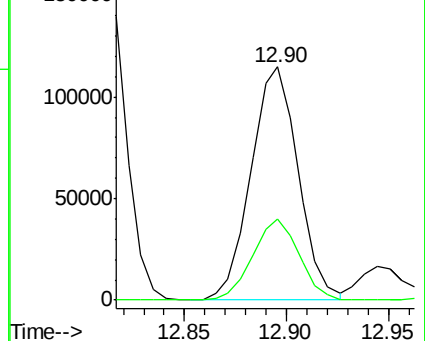
91 100

126 34.2 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.936 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008278.D

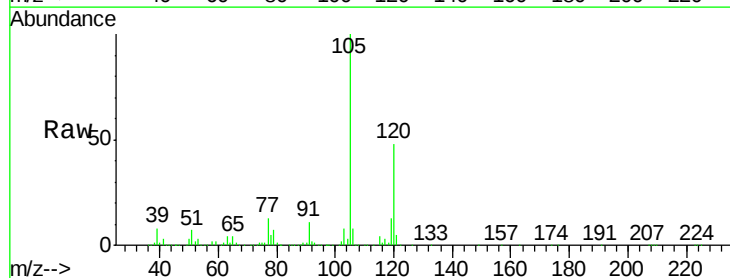
Acq: 15 Jan 2019 12:14

Tgt Ion:105 Resp: 225911

Ion Ratio Lower Upper

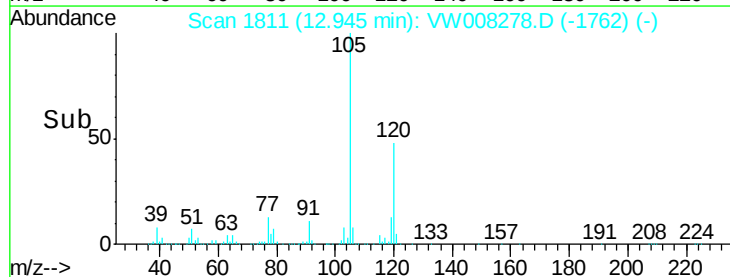
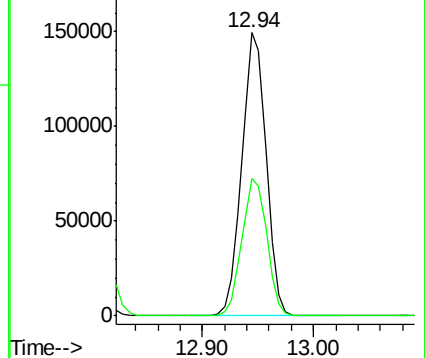
105 100

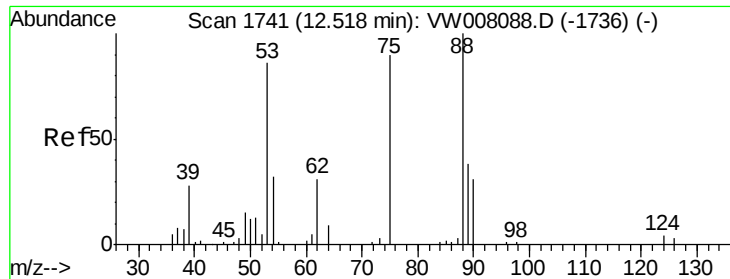
120 49.9 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 50.521 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.01 min

Lab File: VW008278.D

Acq: 15 Jan 2019 12:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

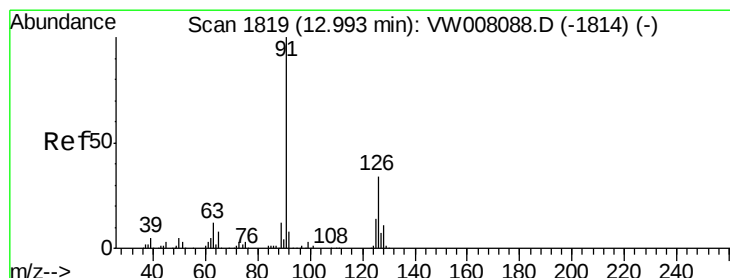
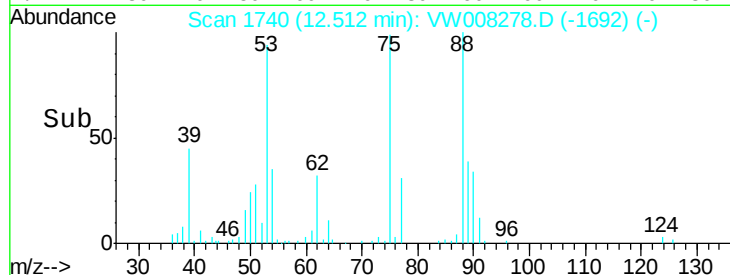
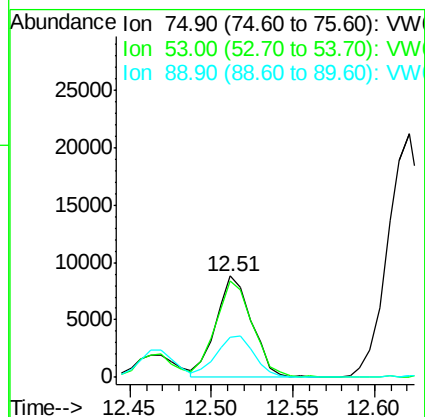
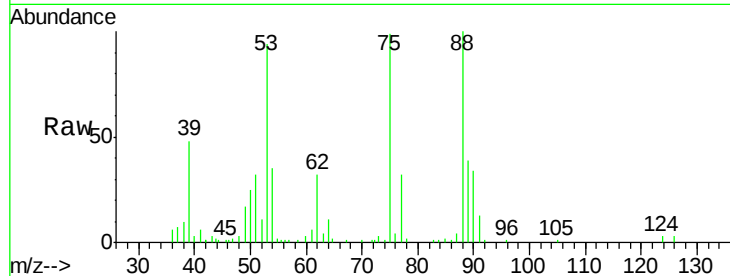
Tot Ion: 75 Resp: 13596

Ion Ratio Lower Upper

75 100

53 97.5 78.8 118.2

89 43.4 35.4 53.2



#82

4-Chlorotoluene

Concen: 49.261 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW008278.D

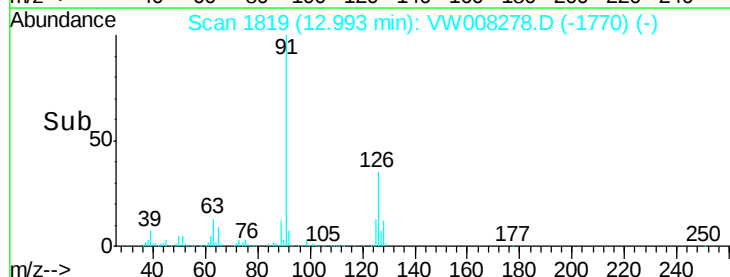
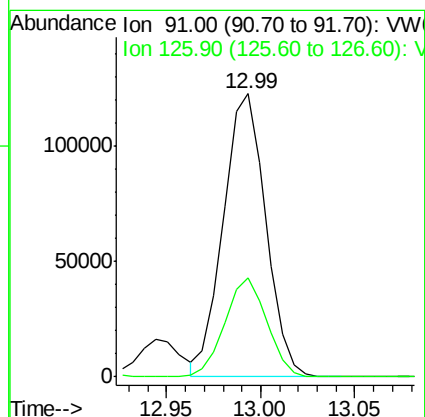
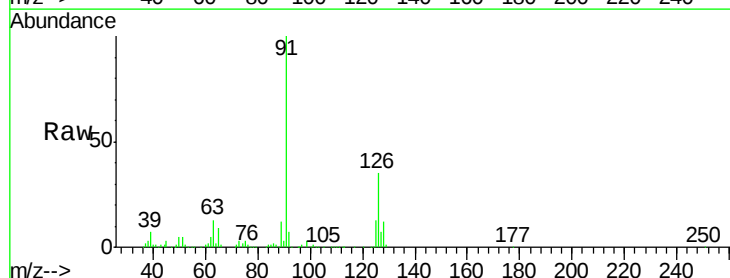
Acq: 15 Jan 2019 12:14

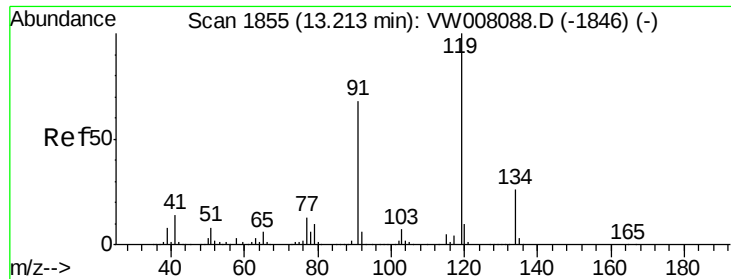
Tgt Ion: 91 Resp: 191418

Ion Ratio Lower Upper

91 100

126 34.7 16.5 49.5

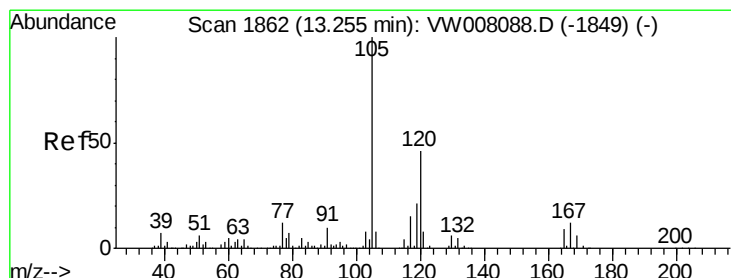
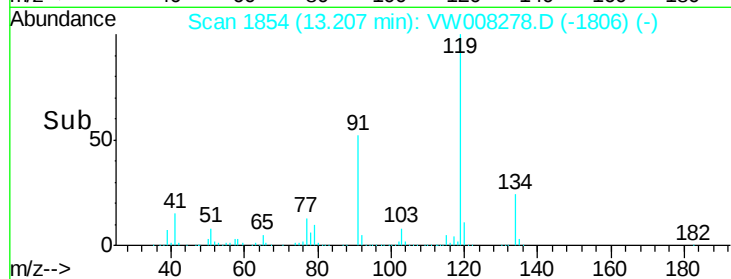
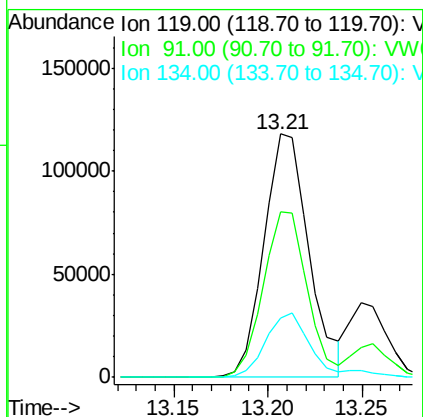
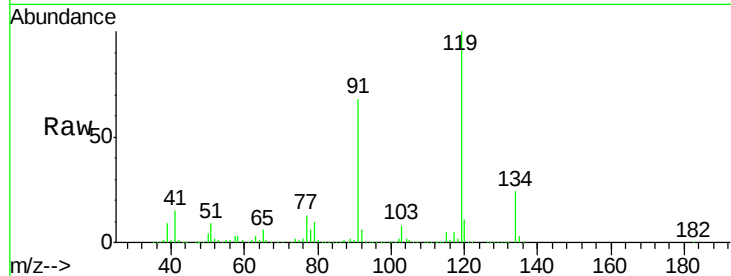




#83
tert-Butylbenzene
Concen: 50.030 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW008278.D
Acq: 15 Jan 2019 12:14

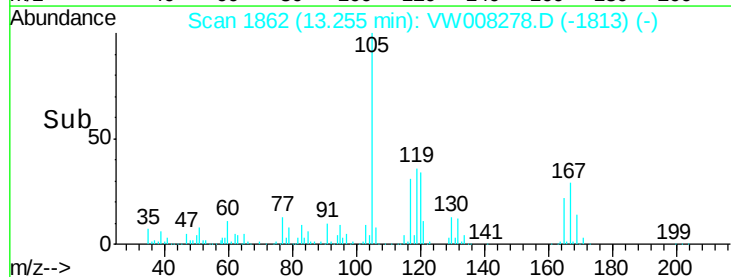
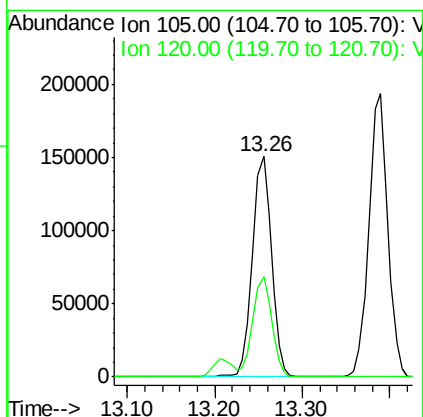
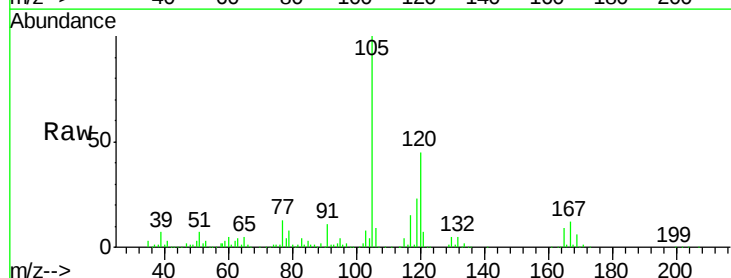
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

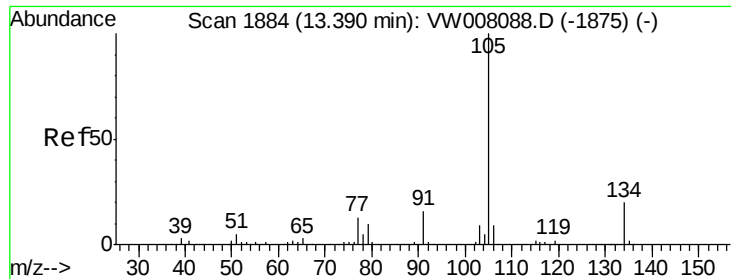
Tot Ion:119 Resp: 196305
Ion Ratio Lower Upper
119 100
91 66.3 33.9 101.6
134 27.2 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 49.981 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW008278.D
Acq: 15 Jan 2019 12:14

Tgt Ion:105 Resp: 228633
Ion Ratio Lower Upper
105 100
120 45.0 22.7 68.1





#85

sec-Butylbenzene

Concen: 51.105 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW008278.D

Acq: 15 Jan 2019 12:14

Instrument :

MSVOA_W

ClientSampleId :

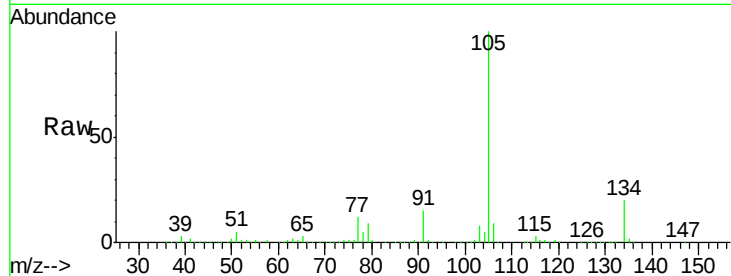
VSTDCCC050

Tot Ion:105 Resp: 293741

Ion Ratio Lower Upper

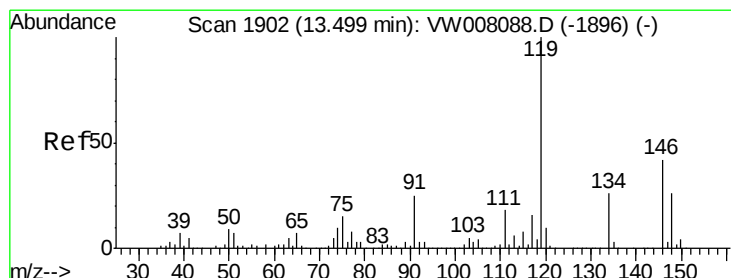
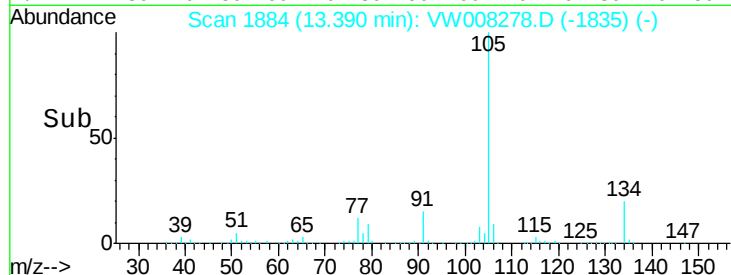
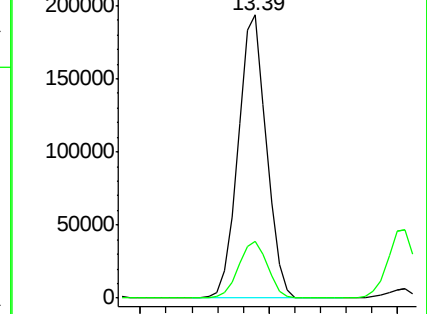
105 100

134 20.6 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.951 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW008278.D

Acq: 15 Jan 2019 12:14

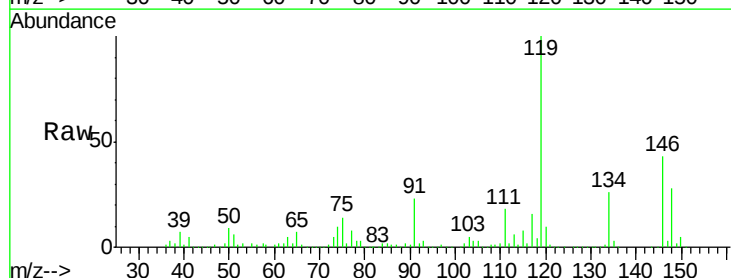
Tgt Ion:119 Resp: 257856

Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

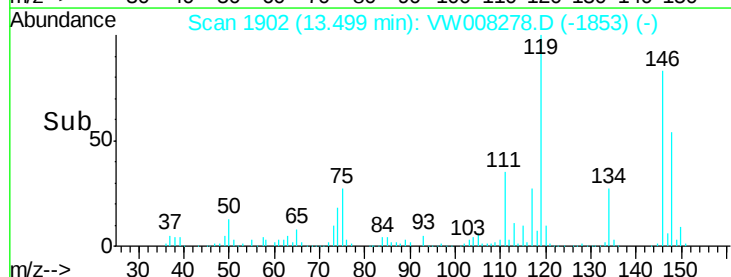
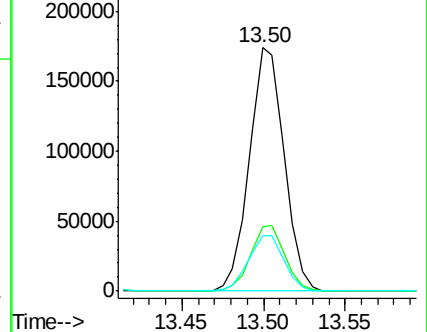
91 23.5 12.3 36.9

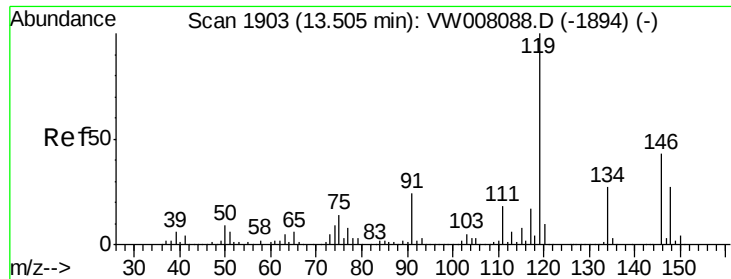


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

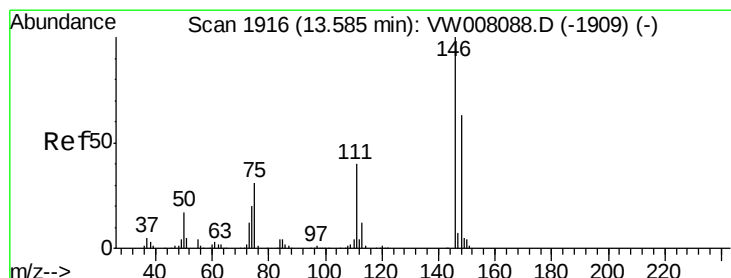
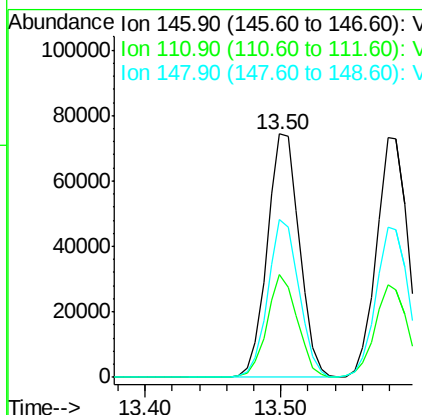
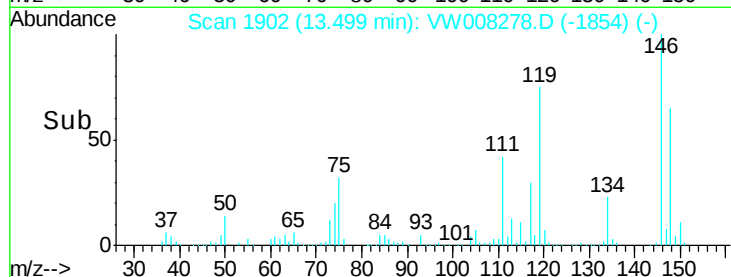
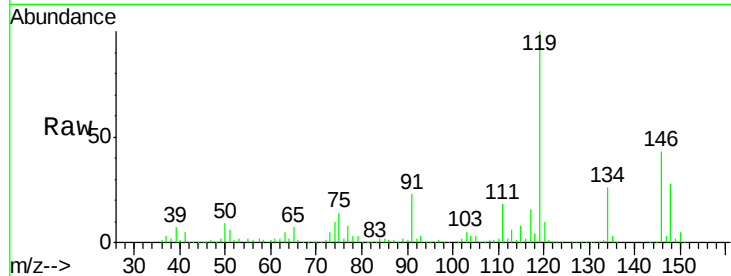




#87
 1,3-Dichlorobenzene
 Concen: 53.247 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008278.D
 Acq: 15 Jan 2019 12:14

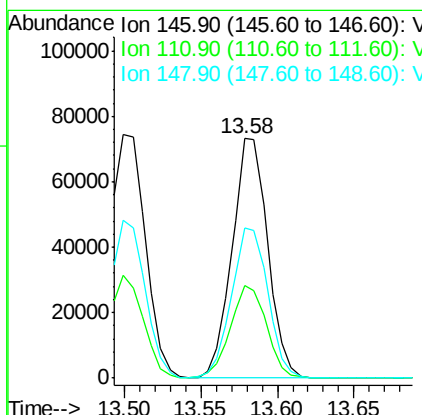
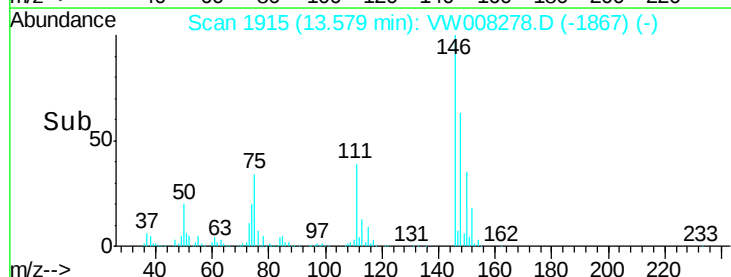
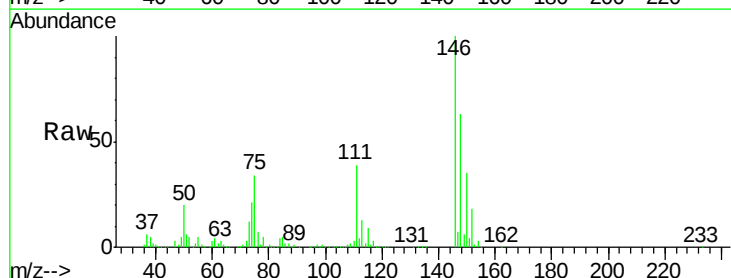
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

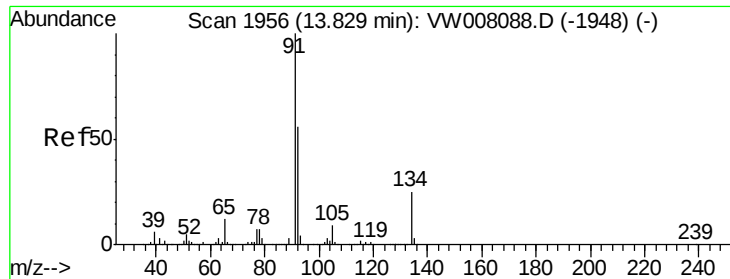
Tot Ion:146 Resp: 123180
 Ion Ratio Lower Upper
 146 100
 111 39.8 21.1 63.1
 148 62.7 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 50.942 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.01 min
 Lab File: VW008278.D
 Acq: 15 Jan 2019 12:14

Tgt Ion:146 Resp: 118236
 Ion Ratio Lower Upper
 146 100
 111 39.3 20.5 61.5
 148 64.0 31.6 94.8





#89

n-Butylbenzene

Concen: 51.254 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008278.D

Acq: 15 Jan 2019 12:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

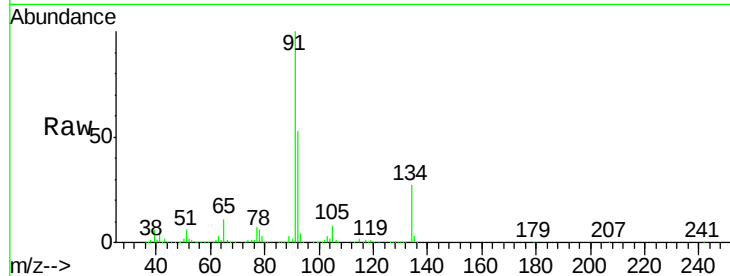
Tot Ion: 91 Resp: 249155

Ion Ratio Lower Upper

91 100

92 53.9 27.4 82.2

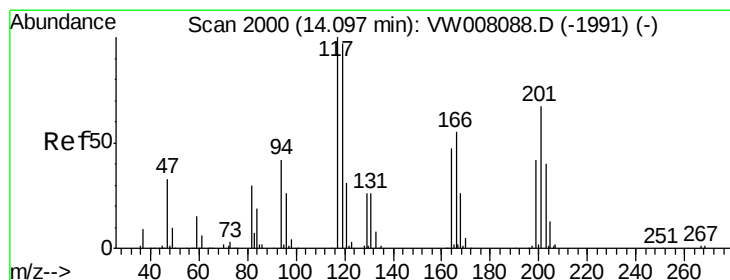
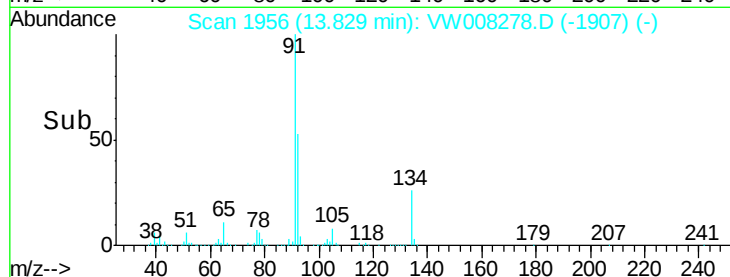
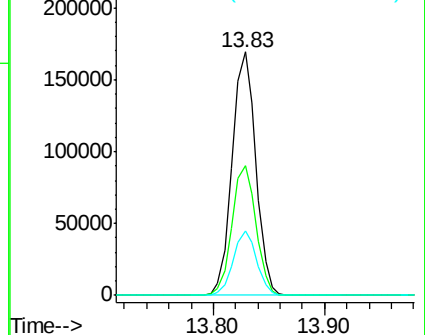
134 26.0 12.6 37.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 54.292 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW008278.D

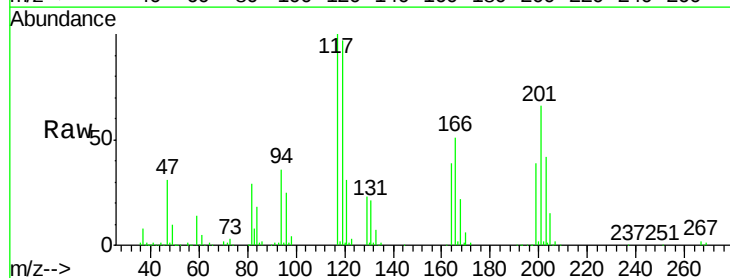
Acq: 15 Jan 2019 12:14

Tgt Ion: 117 Resp: 45516

Ion Ratio Lower Upper

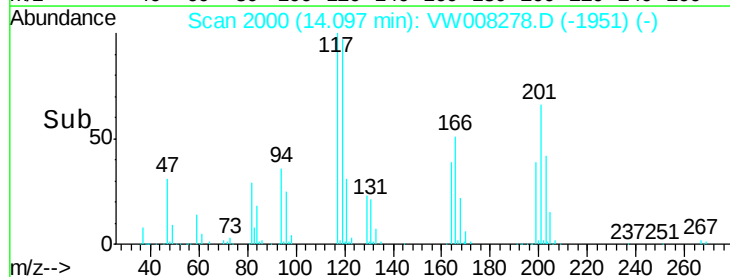
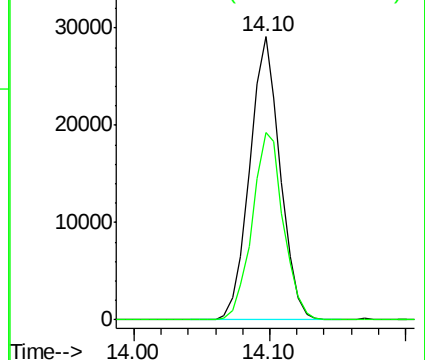
117 100

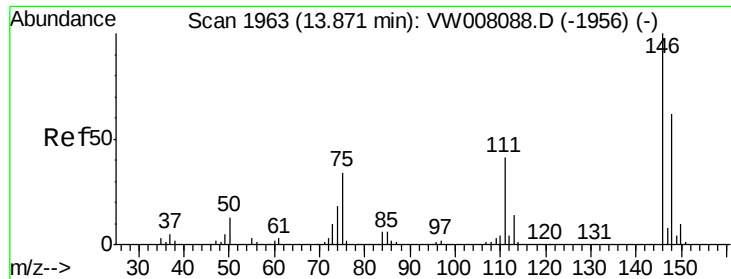
201 68.0 33.0 98.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

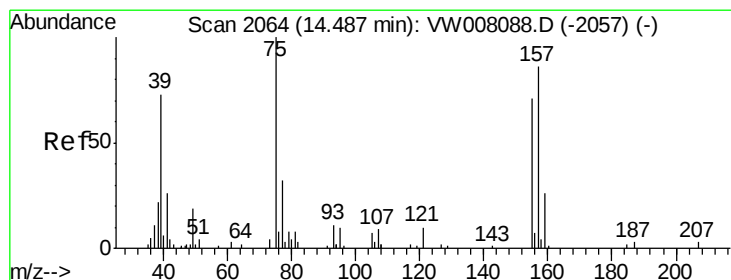
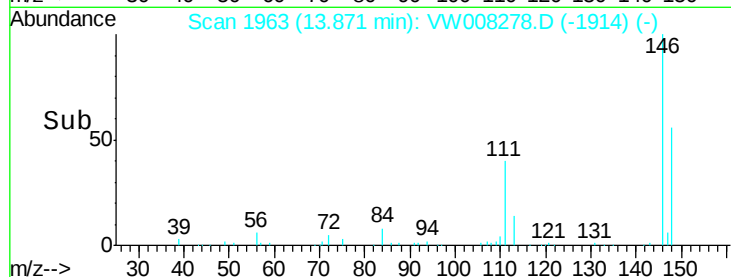
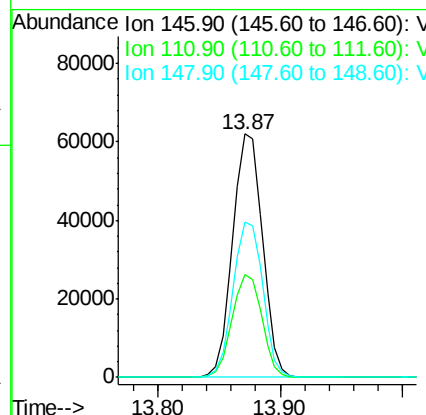
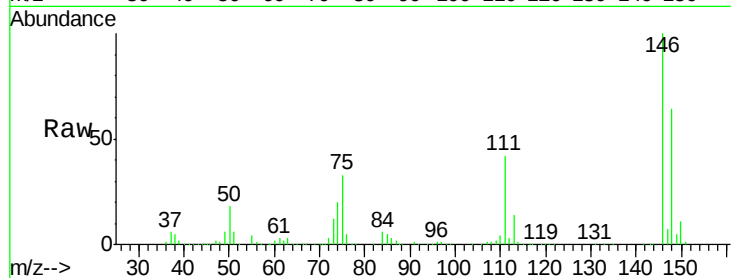




#91
 1,2-Dichlorobenzene
 Concen: 51.535 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW008278.D
 Acq: 15 Jan 2019 12:14

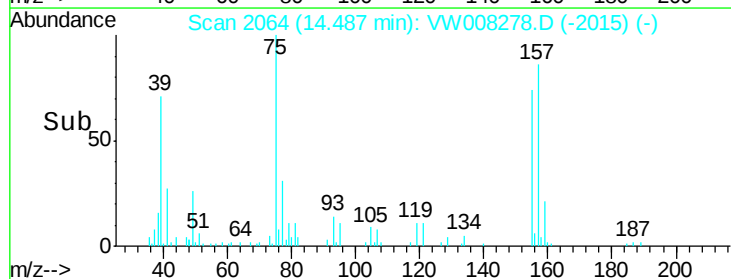
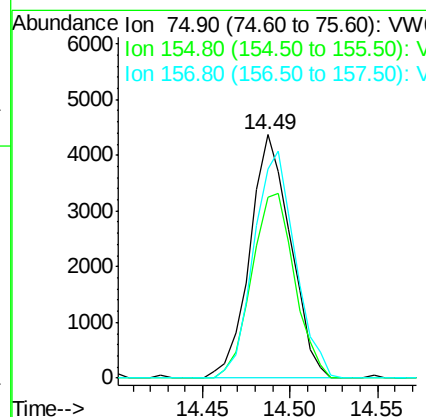
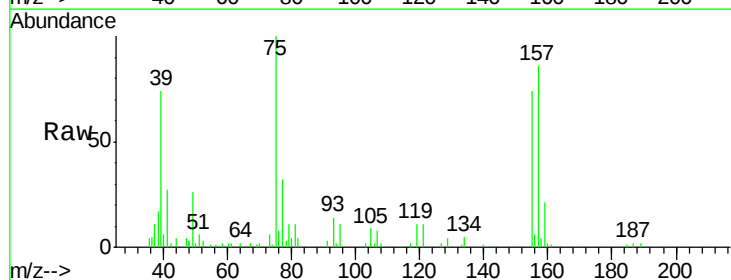
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

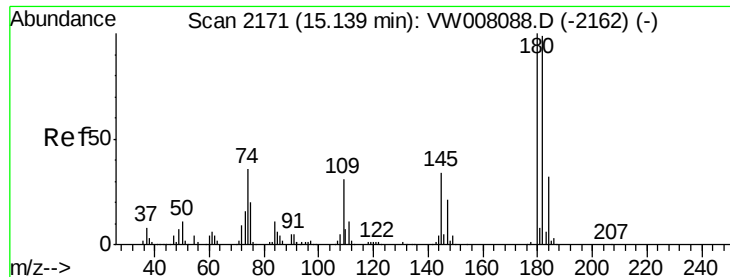
Tot Ion:146 Resp: 104775
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.3 63.7
 148 63.4 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.788 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW008278.D
 Acq: 15 Jan 2019 12:14

Tgt Ion: 75 Resp: 7061
 Ion Ratio Lower Upper
 75 100
 155 80.0 38.6 115.7
 157 95.3 47.5 142.6

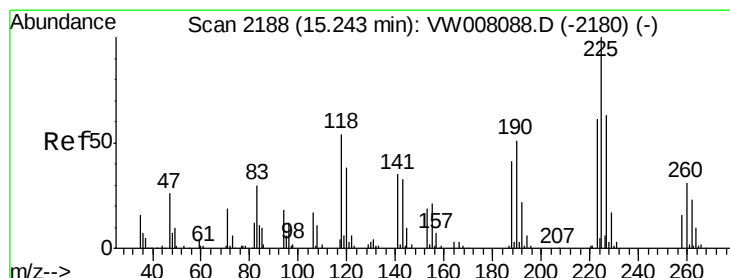
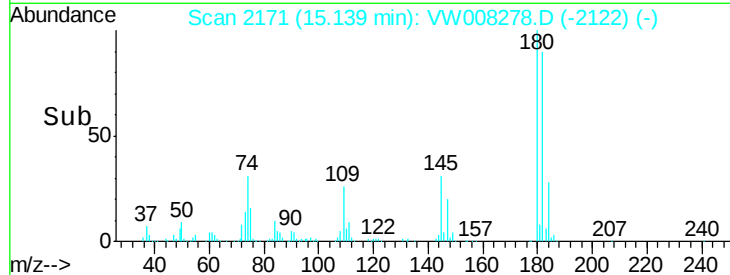
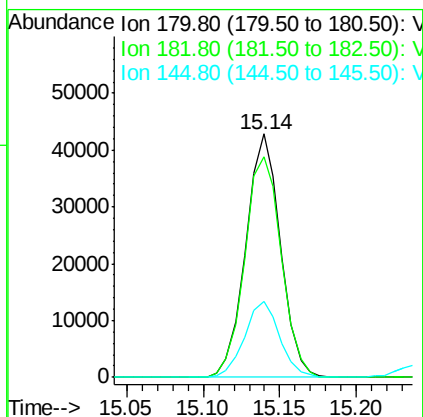
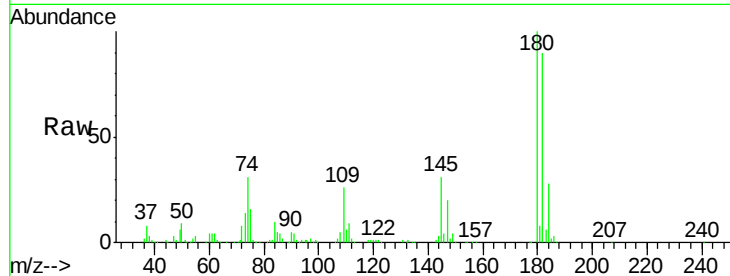




#93
 1,2,4-Trichlorobenzene
 Concen: 49.857 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008278.D
 Acq: 15 Jan 2019 12:14

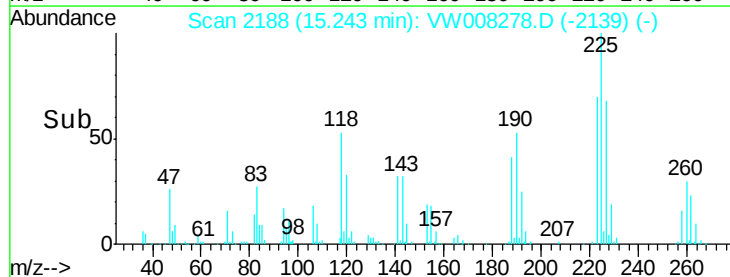
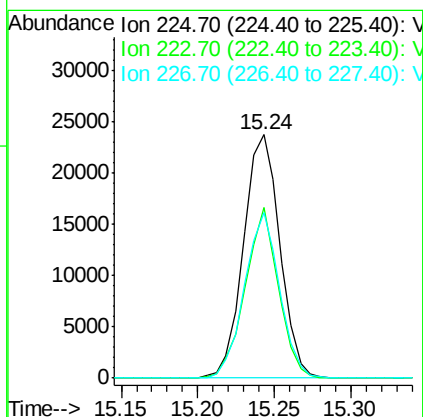
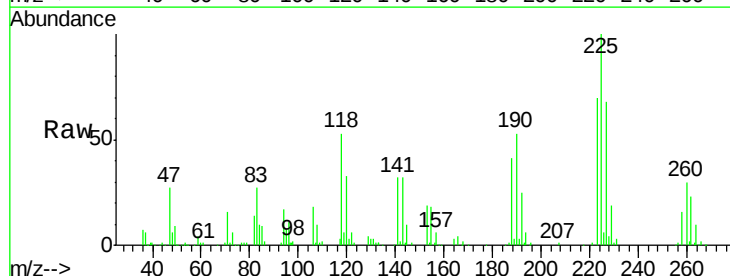
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

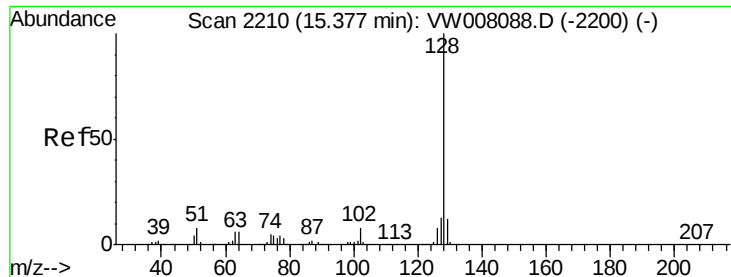
Tot Ion:180 Resp: 67298
 Ion Ratio Lower Upper
 180 100
 182 95.9 48.6 145.9
 145 31.9 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 54.271 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008278.D
 Acq: 15 Jan 2019 12:14

Tgt Ion:225 Resp: 39209
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.4 94.3
 227 65.7 32.0 96.2

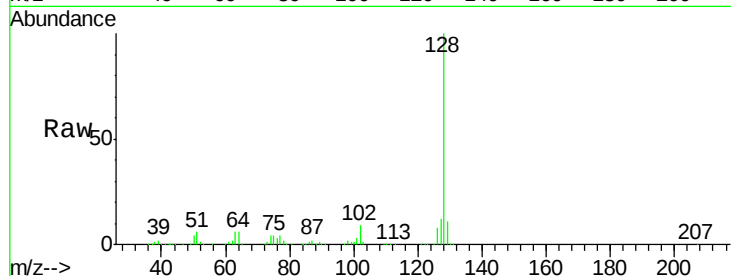




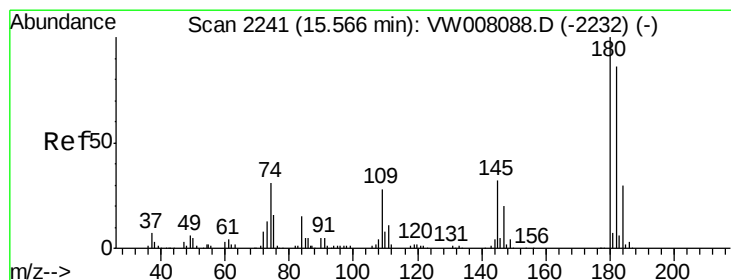
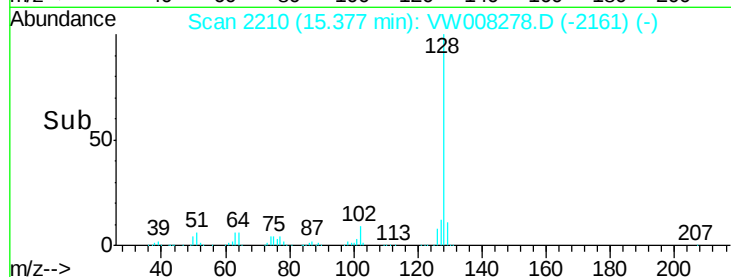
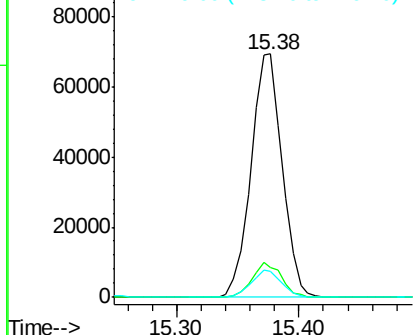
#95
Naphthalene
Concen: 48.847 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW008278.D
Acq: 15 Jan 2019 12:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 123113
Ion Ratio Lower Upper
128 100
127 13.7 11.0 16.4
129 11.0 9.0 13.6

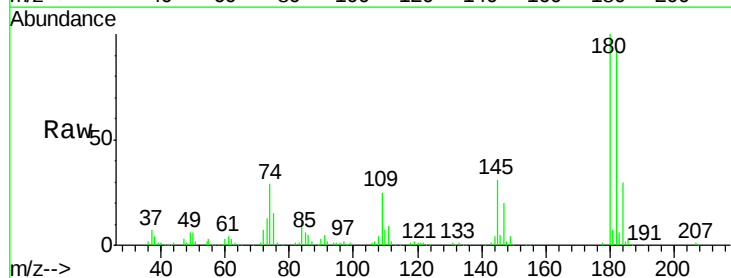


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 50.230 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW008278.D
Acq: 15 Jan 2019 12:14

Tgt Ion:180 Resp: 57799
Ion Ratio Lower Upper
180 100
182 96.9 46.5 139.3
145 33.8 17.4 52.2



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

