

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091119\
 Data File : VW012925.D
 Acq On : 11 Sep 2019 19:23
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 12 07:54:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	265574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	393762	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	344624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	171495	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	136730	46.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.16%	
35) Dibromofluoromethane	7.88	113	119352	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
50) Toluene-d8	10.32	98	487947	53.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.40%	
62) 4-Bromofluorobenzene	12.62	95	169808	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	59872	41.585 ug/l	95
3) Chloromethane	2.21	50	79532	45.454 ug/l	94
4) Vinyl Chloride	2.35	62	110648	51.575 ug/l	98
5) Bromomethane	2.81	94	2011	1.726 ug/l #	76
6) Chloroethane	2.89	64	68591	53.577 ug/l	100
7) Trichlorofluoromethane	3.24	101	64116	43.308 ug/l	100
8) Diethyl Ether	3.67	74	60196	48.378 ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.06	101	120479	51.857 ug/l	96
10) Methyl Iodide	4.26	142	155619	53.208 ug/l	97
11) Tert butyl alcohol	5.17	59	48153	212.097 ug/l	98
12) 1,1-Dichloroethene	4.03	96	109577	49.963 ug/l	95
13) Acrolein	3.89	56	43494	180.530 ug/l	94
14) Allyl chloride	4.65	41	209624	46.204 ug/l	98
15) Acrylonitrile	5.36	53	154396	212.444 ug/l	99
16) Acetone	4.12	43	133525	165.058 ug/l	98
17) Carbon Disulfide	4.37	76	213038	45.762 ug/l	100
18) Methyl Acetate	4.66	43	76159	40.127 ug/l	95
19) Methyl tert-butyl Ether	5.42	73	223113	51.296 ug/l	95
20) Methylene Chloride	4.91	84	122888	48.556 ug/l	92
21) trans-1,2-Dichloroethene	5.41	96	115102	51.435 ug/l	88
22) Diisopropyl ether	6.31	45	455584	50.630 ug/l	98
23) Vinyl Acetate	6.25	43	1290146	226.237 ug/l	97
24) 1,1-Dichloroethane	6.21	63	245488	50.668 ug/l	97
25) 2-Butanone	7.16	43	203048	176.730 ug/l	99
26) 2,2-Dichloropropane	7.16	77	146915	48.010 ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	140815	54.269 ug/l	96
28) Bromochloromethane	7.51	49	114357	51.403 ug/l	90
29) Tetrahydrofuran	7.52	42	132776	203.250 ug/l	96
30) Chloroform	7.67	83	247044	51.449 ug/l	98
31) Cyclohexane	7.95	56	197301	45.234 ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	197572	50.760 ug/l	98
36) 1,1-Dichloropropene	8.08	75	177965	50.866 ug/l	98
37) Ethyl Acetate	7.24	43	91300	40.936 ug/l	98
38) Carbon Tetrachloride	8.06	117	178668	51.805 ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	202946	51.647	ug/l	96
40) Benzene	8.32	78	509840	52.522	ug/l	100
41) Methacrylonitrile	7.47	41	60838	40.886	ug/l	98
42) 1,2-Dichloroethane	8.40	62	162150	47.464	ug/l	98
43) Isopropyl Acetate	8.42	43	180156	42.636	ug/l	96
44) Trichloroethene	9.09	130	138662	55.416	ug/l	87
45) 1,2-Dichloropropane	9.37	63	138293	51.366	ug/l	97
46) Dibromomethane	9.46	93	63097	49.492	ug/l	96
47) Bromodichloromethane	9.64	83	183528	52.324	ug/l	99
48) Methyl methacrylate	9.43	41	86954	43.061	ug/l	99
49) 1,4-Dioxane	9.44	88	19157	760.708	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	472033	212.894	ug/l	97
52) Toluene	10.38	92	328636	54.243	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	184491	51.152	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	214074	52.321	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	98343	51.524	ug/l	98
56) Ethyl methacrylate	10.65	69	137929	49.367	ug/l	93
57) 1,3-Dichloropropane	10.93	76	175701	49.759	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	379661	255.965	ug/l	96
59) 2-Hexanone	10.97	43	319336	197.137	ug/l	98
60) Dibromochloromethane	11.13	129	119366	53.175	ug/l	99
61) 1,2-Dibromoethane	11.23	107	90195	51.543	ug/l	100
64) Tetrachloroethene	10.86	164	118137	56.495	ug/l	97
65) Chlorobenzene	11.65	112	358152	54.986	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	135890	56.022	ug/l	99
67) Ethyl Benzene	11.73	91	667788	54.643	ug/l	100
68) m/p-Xylenes	11.83	106	494336	112.064	ug/l	98
69) o-Xylene	12.16	106	231859	55.713	ug/l	98
70) Styrene	12.18	104	418576	56.919	ug/l	98
71) Bromoform	12.35	173	69419	51.511	ug/l #	99
73) Isopropylbenzene	12.46	105	673626	54.766	ug/l	99
74) N-amyl acetate	12.27	43	173617	44.469	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	112270	45.449	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	147138	83.906	ug/l #	100
77) Bromobenzene	12.74	156	153818	55.197	ug/l	92
78) n-propylbenzene	12.80	91	793440	53.936	ug/l	99
79) 2-Chlorotoluene	12.89	91	452181	53.543	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	568842	54.883	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	37218	44.889	ug/l	97
82) 4-Chlorotoluene	12.99	91	473087	52.960	ug/l	98
83) tert-Butylbenzene	13.21	119	505481	55.157	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	565996	54.195	ug/l	98
85) sec-Butylbenzene	13.38	105	689963	54.256	ug/l	99
86) p-Isopropyltoluene	13.50	119	635748	54.731	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	299754	54.726	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	296619	54.422	ug/l	99
89) n-Butylbenzene	13.82	91	606255	53.760	ug/l	99
90) Hexachloroethane	14.09	117	110124	54.307	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	261351	53.012	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	18858	41.716	ug/l	96

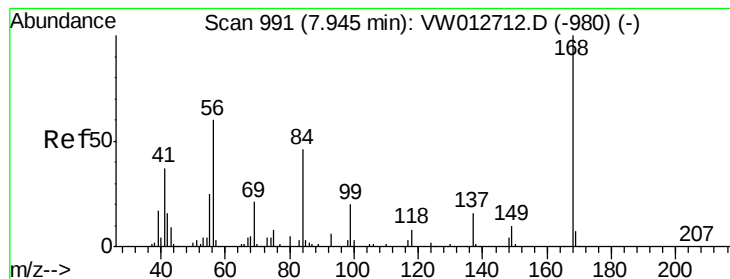
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	191447	55.777	ug/l	97
94) Hexachlorobutadiene	15.24	225	130366	54.873	ug/l	97
95) Naphthalene	15.36	128	306582	43.266	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	159403	52.612	ug/l	99

(#) = 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: VW012925.D

Acq: 11 Sep 2019 19:23

Instrument :

MSVOA_W

ClientSampleId :

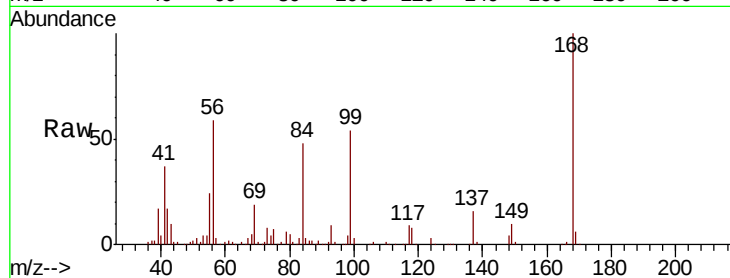
VSTDCCC050EC

Tgt Ion:168 Resp: 265574

Ion Ratio Lower Upper

168 100

99 54.1 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

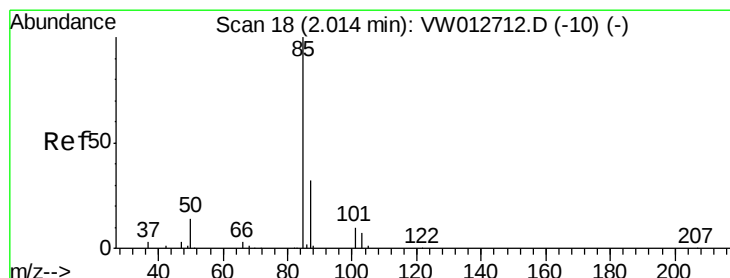
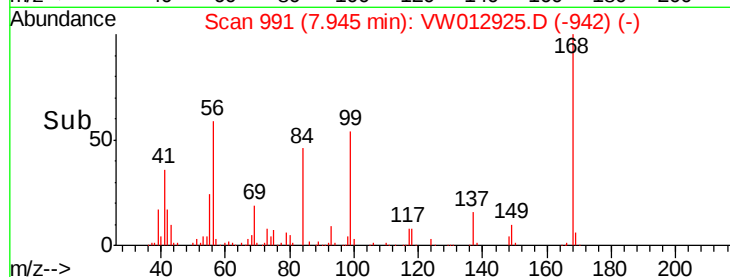
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 41.585 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW012925.D

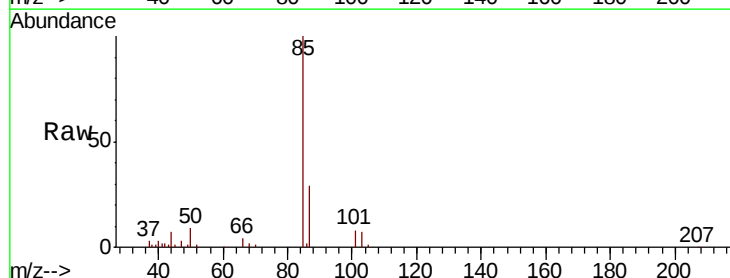
Acq: 11 Sep 2019 19:23

Tgt Ion: 85 Resp: 59872

Ion Ratio Lower Upper

85 100

87 29.0 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

25000

20000

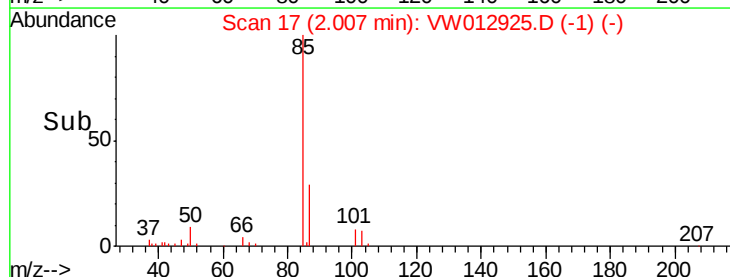
15000

10000

5000

0

Time-->





#3

Chloromethane

Concen: 45.454 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW012925.D

Acq: 11 Sep 2019 19:23

Instrument :

MSVOA_W

ClientSampleId :

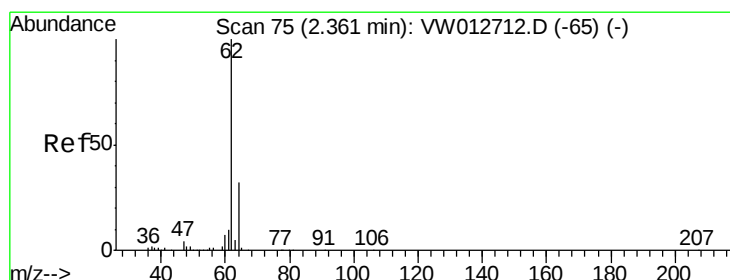
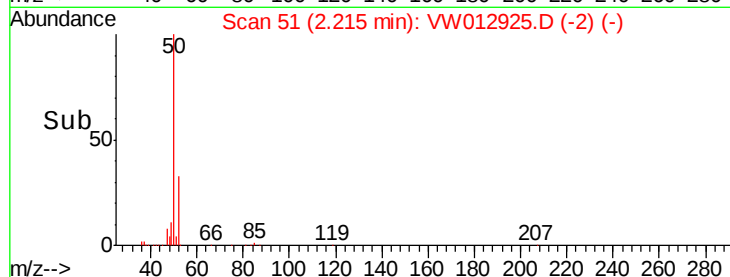
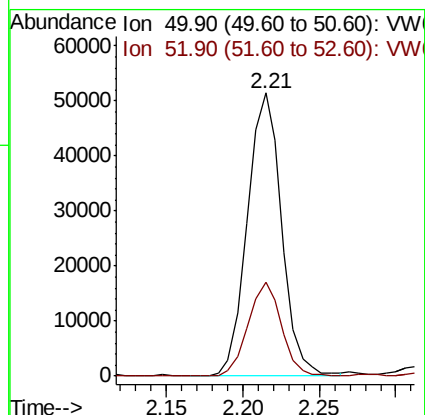
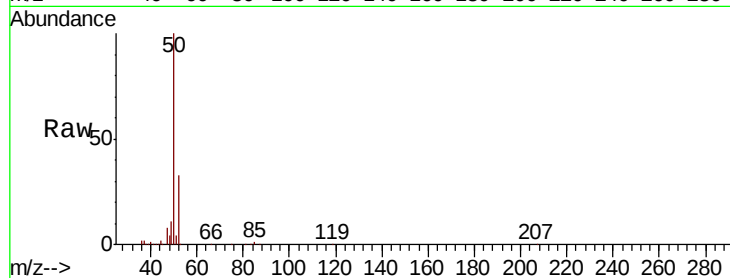
VSTDCCC050EC

Tgt Ion: 50 Resp: 79532

Ion Ratio Lower Upper

50 100

52 33.5 24.2 36.2



#4

Vinyl Chloride

Concen: 51.575 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012925.D

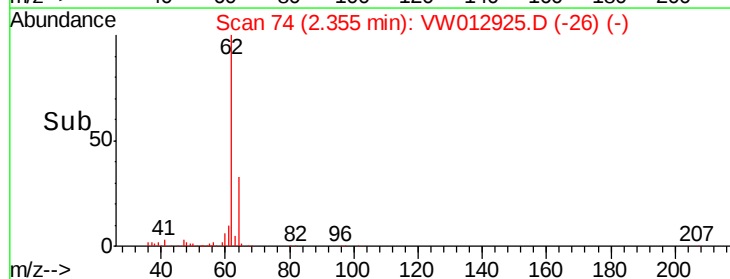
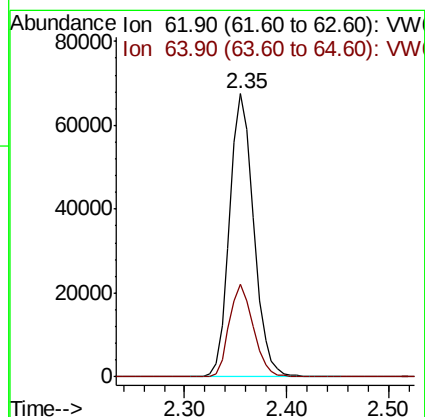
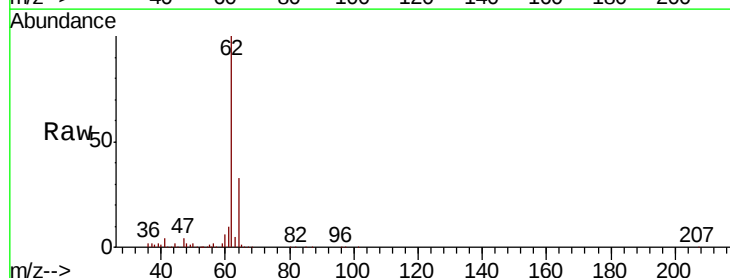
Acq: 11 Sep 2019 19:23

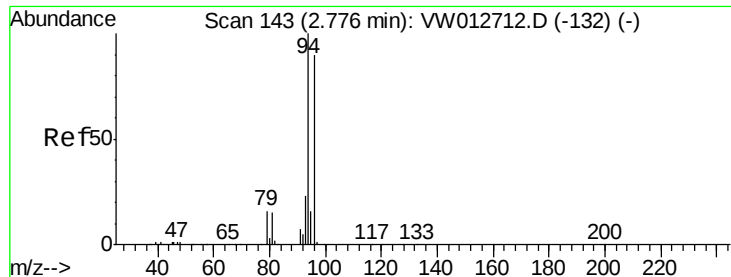
Tgt Ion: 62 Resp: 110648

Ion Ratio Lower Upper

62 100

64 32.8 25.3 37.9





#5

Bromomethane

Concen: 1.726 ug/l

RT: 2.81 min Scan# 148

Delta R.T. 0.03 min

Lab File: VW012925.D

Acq: 11 Sep 2019 19:23

Instrument :

MSVOA_W

ClientSampleId :

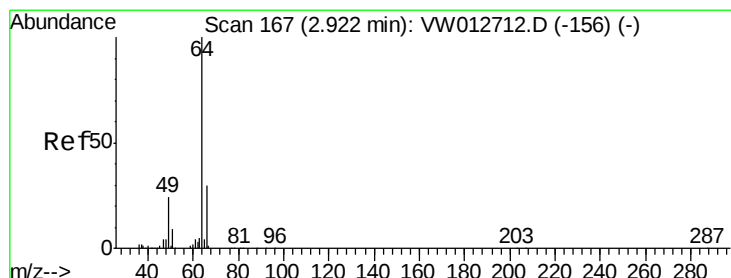
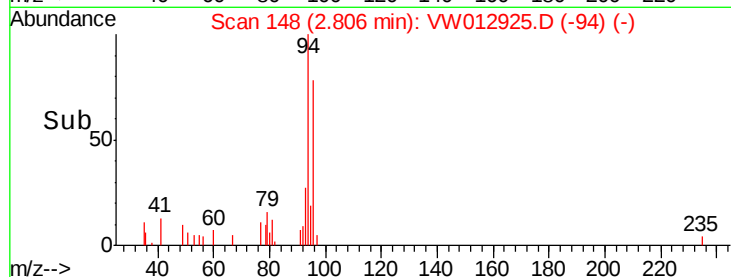
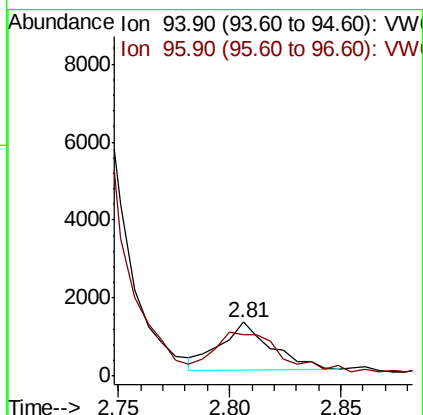
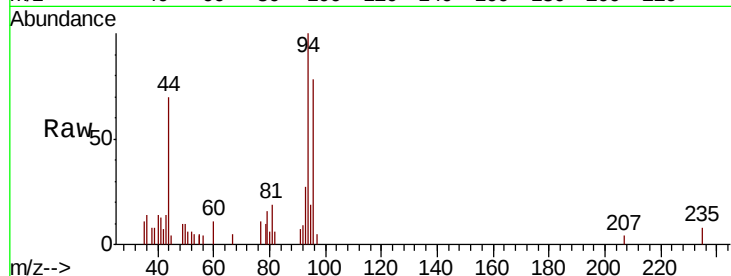
VSTDCCC050EC

Tgt Ion: 94 Resp: 2011

Ion Ratio Lower Upper

94 100

96 67.5 72.1 108.1#



#6

Chloroethane

Concen: 53.577 ug/l

RT: 2.89 min Scan# 161

Delta R.T. -0.04 min

Lab File: VW012925.D

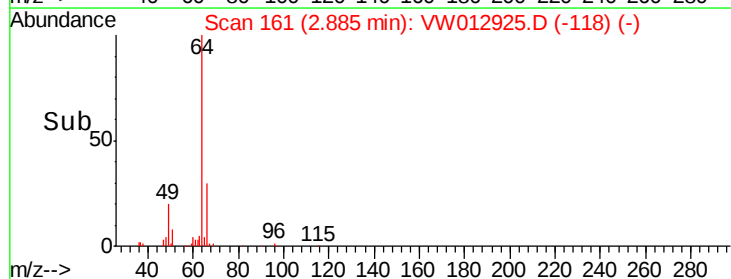
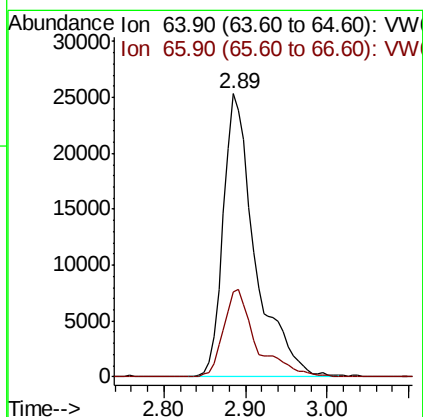
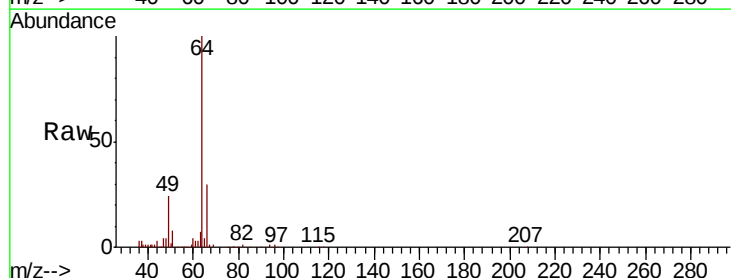
Acq: 11 Sep 2019 19:23

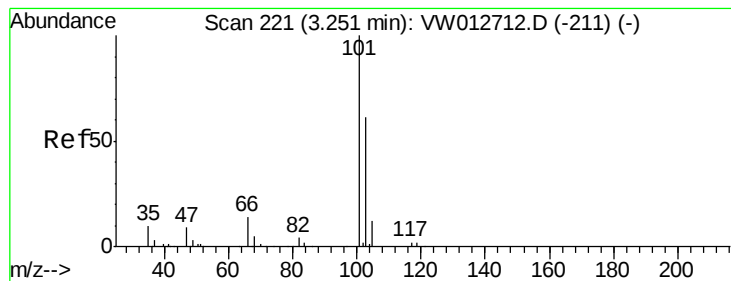
Tgt Ion: 64 Resp: 68591

Ion Ratio Lower Upper

64 100

66 29.9 23.8 35.6



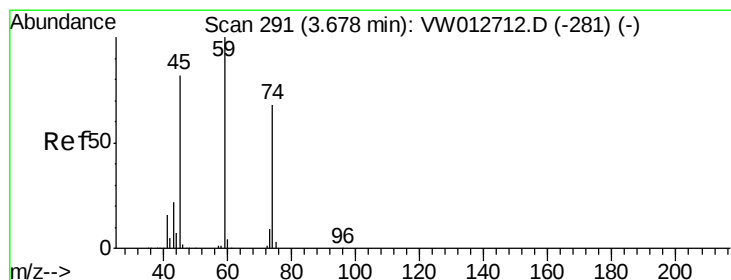
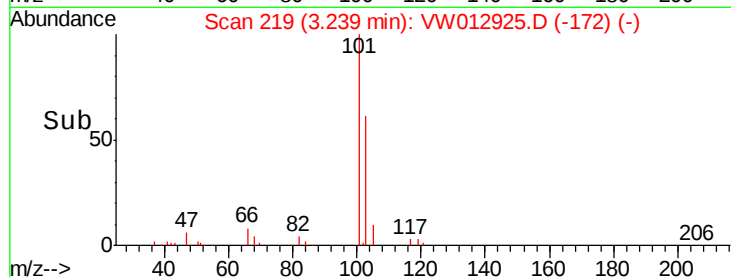
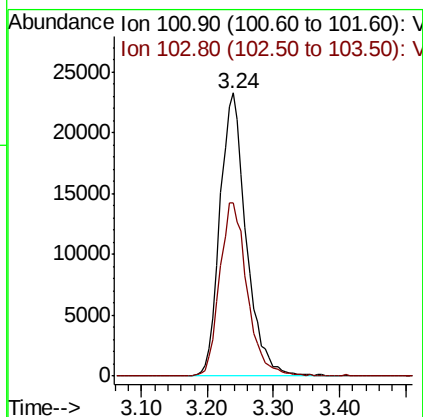
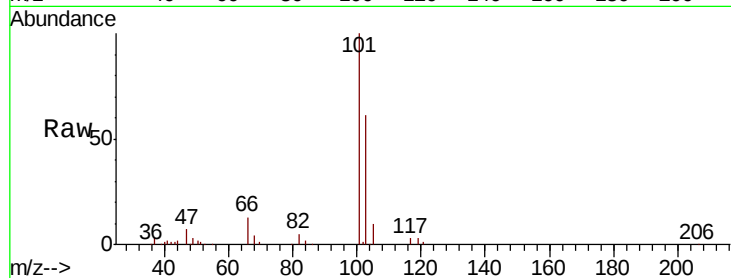


#7

Trichlorofluoromethane
Concen: 43.308 ug/l
RT: 3.24 min Scan# 219
Delta R.T. -0.01 min
Lab File: VW012925.D
Acq: 11 Sep 2019 19:23

Instrument :
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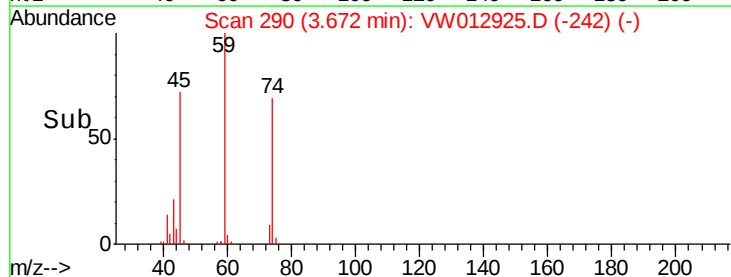
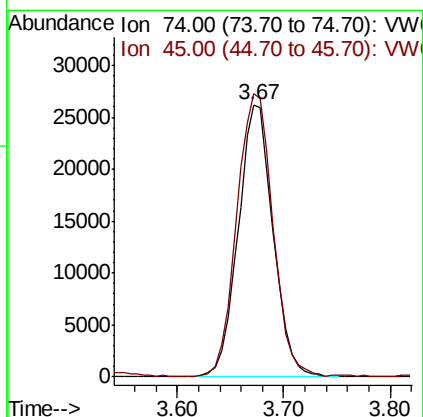
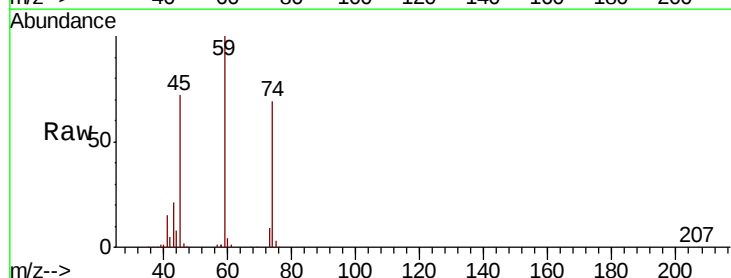
Tgt Ion:101 Resp: 64116
Ion Ratio Lower Upper
101 100
103 61.3 49.0 73.4

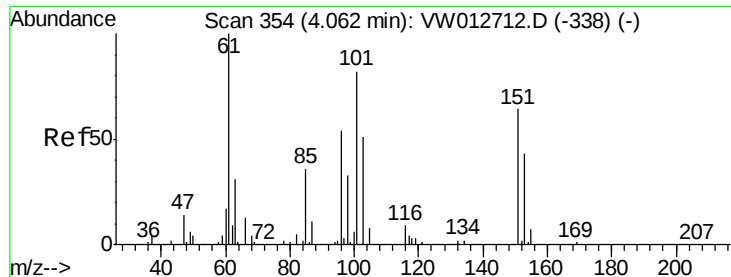


#8

Diethyl Ether
Concen: 48.378 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW012925.D
Acq: 11 Sep 2019 19:23

Tgt Ion: 74 Resp: 60196
Ion Ratio Lower Upper
74 100
45 108.1 58.8 176.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.857 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012925.D

Acq: 11 Sep 2019 19:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

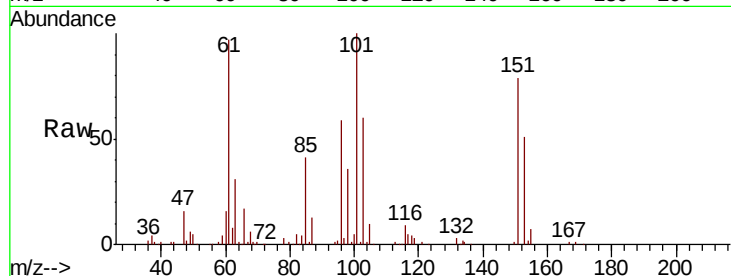
Tgt Ion:101 Resp: 120479

Ion Ratio Lower Upper

101 100

85 43.1 36.2 54.2

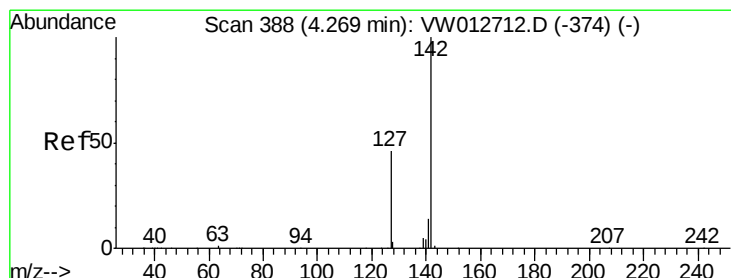
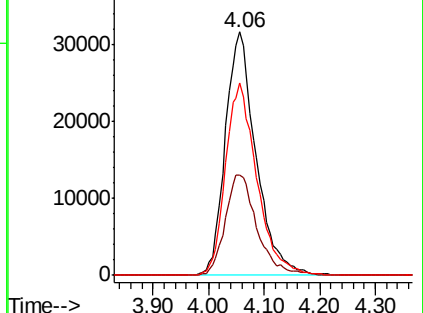
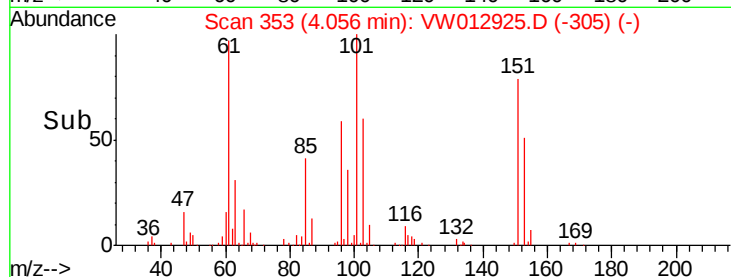
151 80.6 61.9 92.9



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: 53.208 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW012925.D

Acq: 11 Sep 2019 19:23

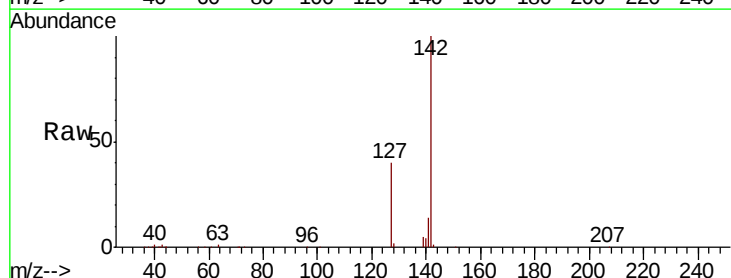
Tgt Ion:142 Resp: 155619

Ion Ratio Lower Upper

142 100

127 42.5 36.0 54.0

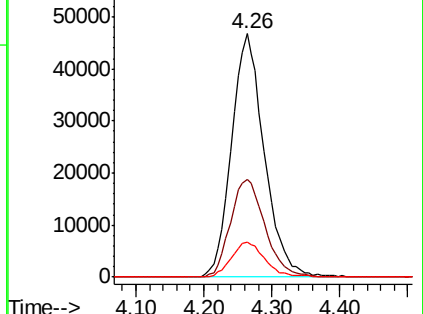
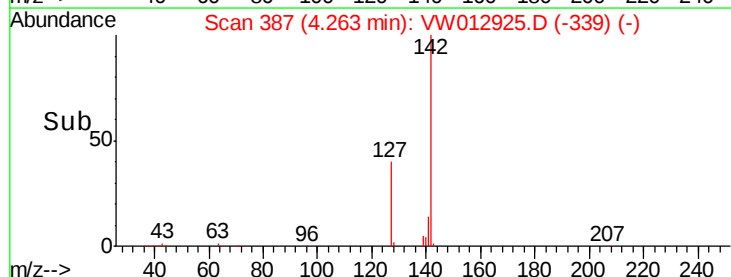
141 14.9 12.2 18.4

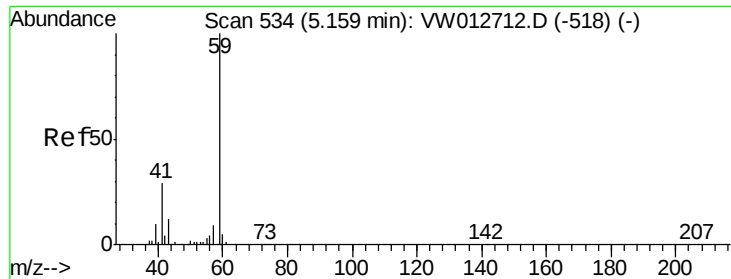


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

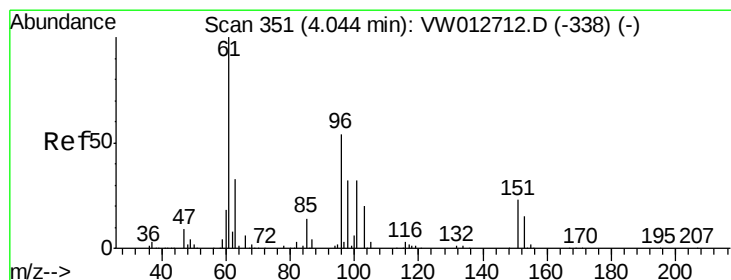
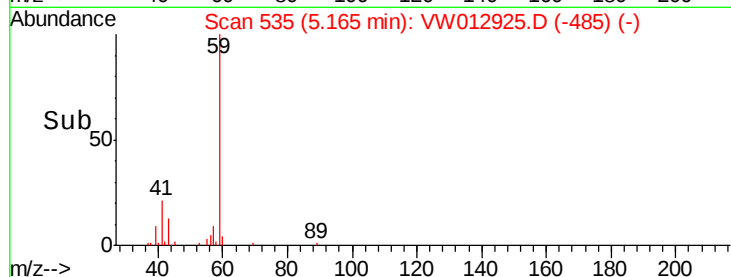
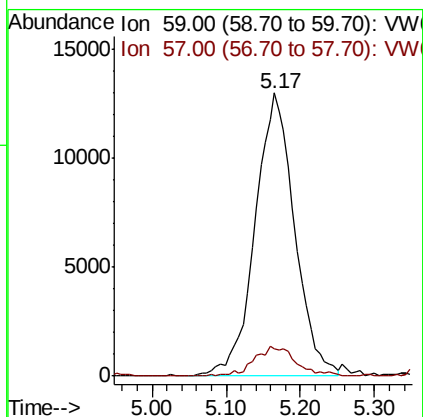
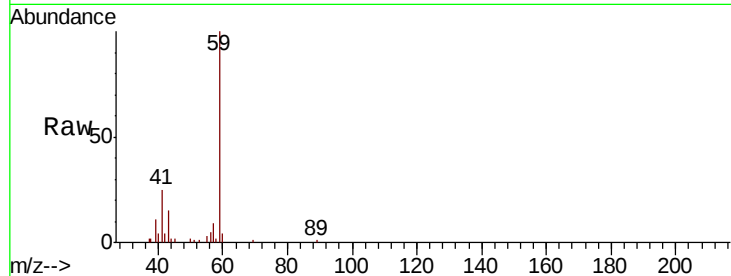




#11
Tert butyl alcohol
Concen: 212.097 ug/l
RT: 5.17 min Scan# 535
Delta R.T. 0.01 min
Lab File: VW012925.D
Acq: 11 Sep 2019 19:23

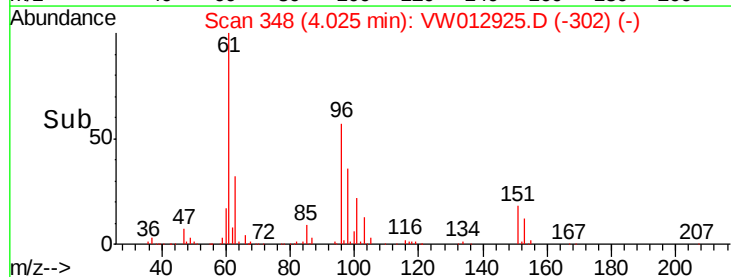
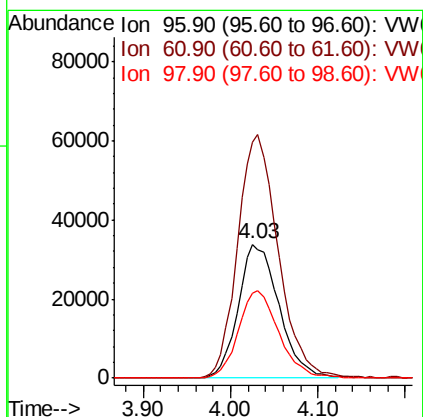
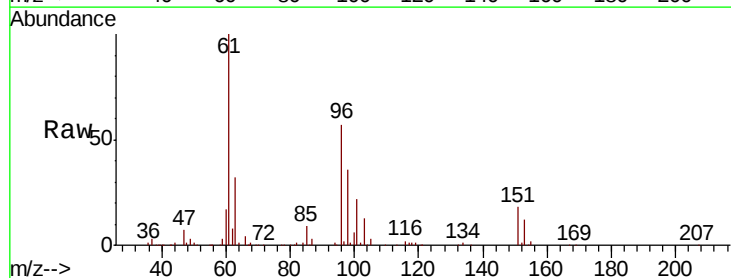
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

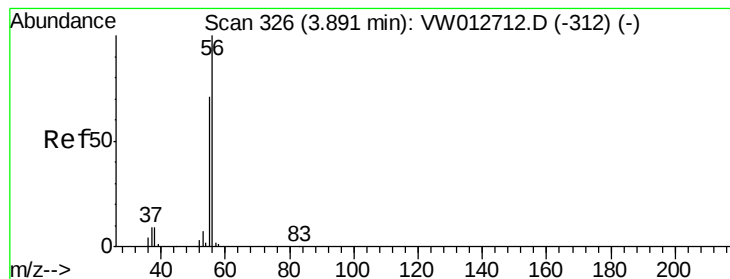
Tgt Ion: 59 Resp: 48153
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.4



#12
1,1-Dichloroethene
Concen: 49.963 ug/l
RT: 4.03 min Scan# 348
Delta R.T. -0.02 min
Lab File: VW012925.D
Acq: 11 Sep 2019 19:23

Tgt Ion: 96 Resp: 109577
Ion Ratio Lower Upper
96 100
61 176.4 147.8 221.6
98 63.3 47.9 71.9





#13

Acrolein

Concen: 180.530 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW012925.D

Acq: 11 Sep 2019 19:23

Instrument :

MSVOA_W

ClientSampleId :

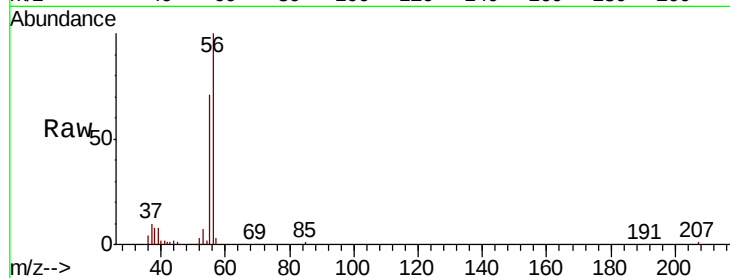
VSTDCCC050EC

Tgt Ion: 56 Resp: 43494

Ion Ratio Lower Upper

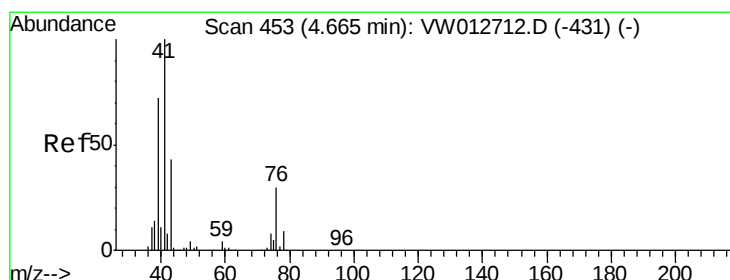
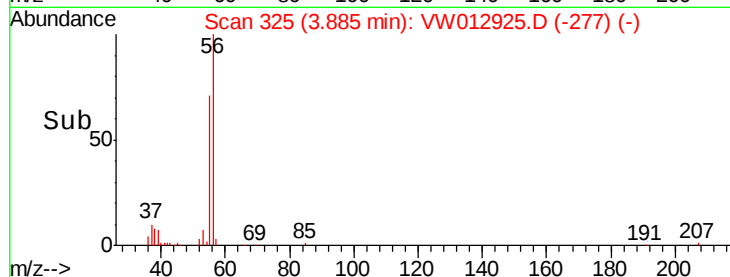
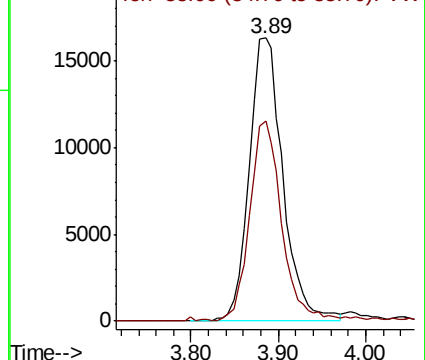
56 100

55 65.8 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 46.204 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.01 min

Lab File: VW012925.D

Acq: 11 Sep 2019 19:23

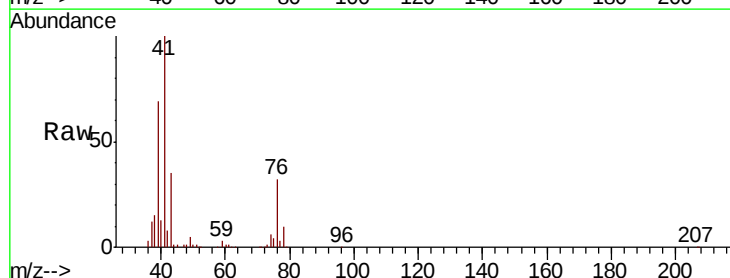
Tgt Ion: 41 Resp: 209624

Ion Ratio Lower Upper

41 100

39 69.2 55.0 82.6

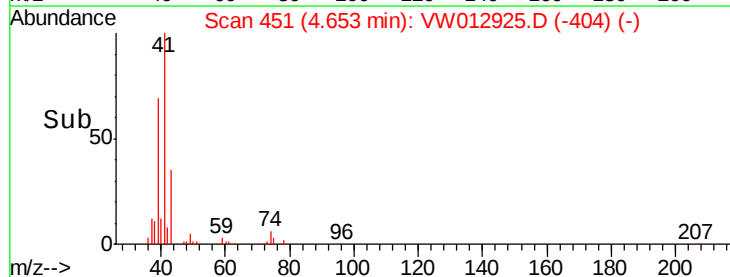
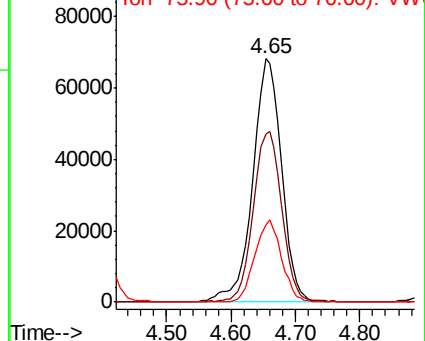
76 31.4 23.0 34.4

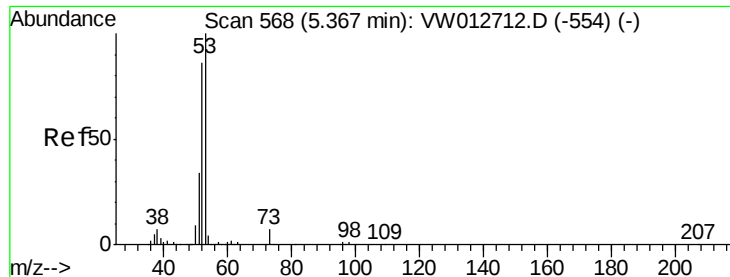


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 212.444 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012925.D

Acq: 11 Sep 2019 19:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

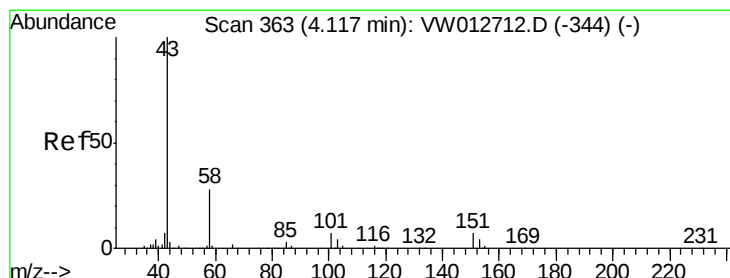
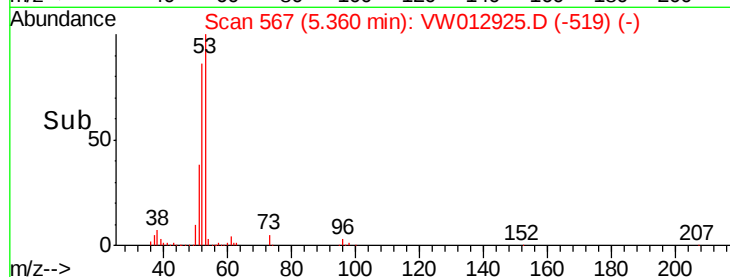
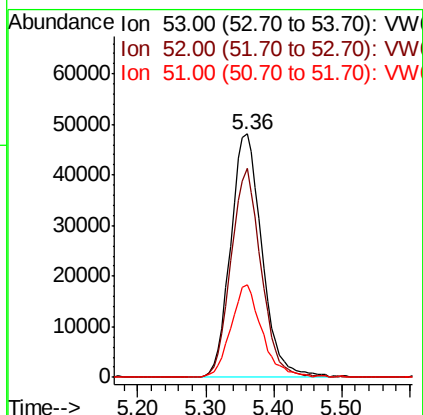
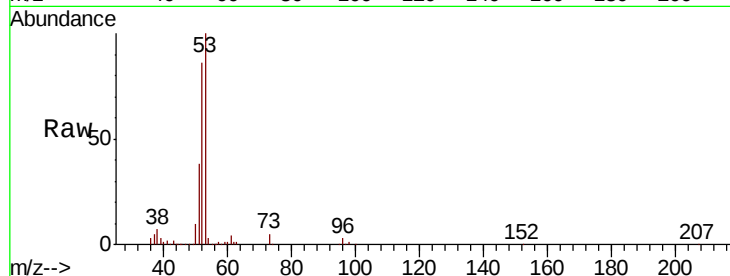
Tgt Ion: 53 Resp: 154396

Ion Ratio Lower Upper

53 100

52 82.2 67.0 100.4

51 37.6 29.8 44.8



#16

Acetone

Concen: 165.058 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW012925.D

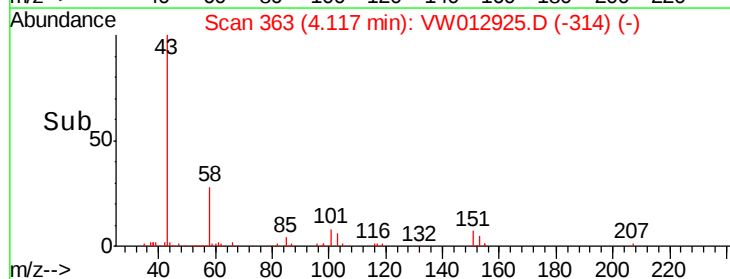
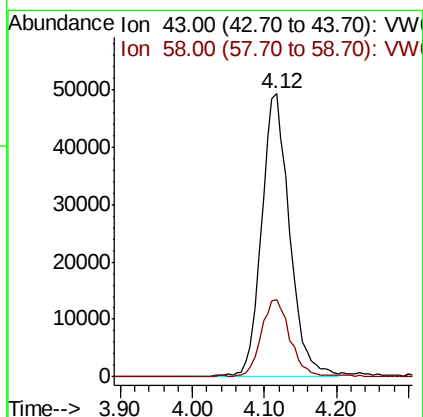
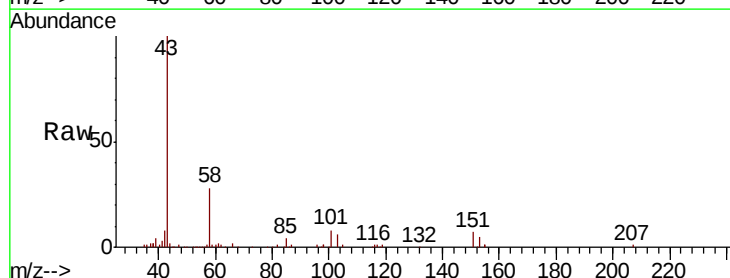
Acq: 11 Sep 2019 19:23

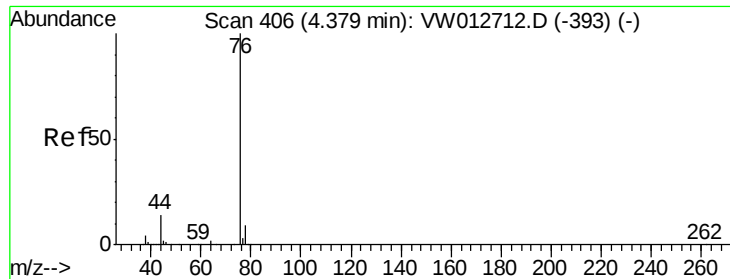
Tgt Ion: 43 Resp: 133525

Ion Ratio Lower Upper

43 100

58 27.4 22.6 33.8





#17

Carbon Disulfide

Concen: 45.762 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW012925.D

Acq: 11 Sep 2019 19:23

Instrument :

MSVOA_W

ClientSampleId :

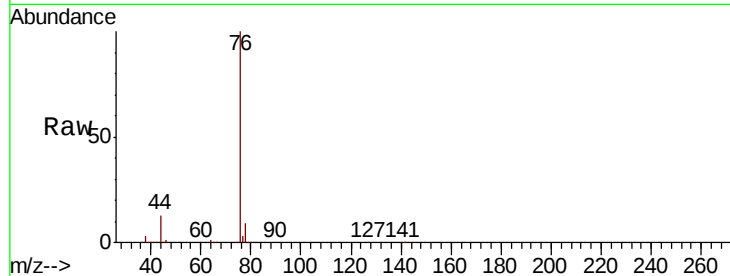
VSTDCCC050EC

Tgt Ion: 76 Resp: 213038

Ion Ratio Lower Upper

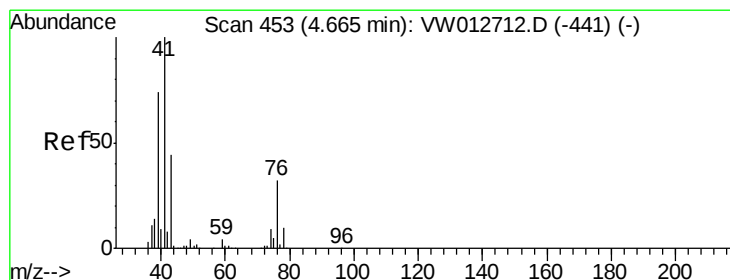
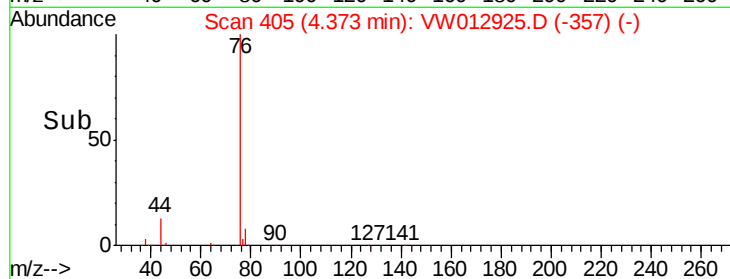
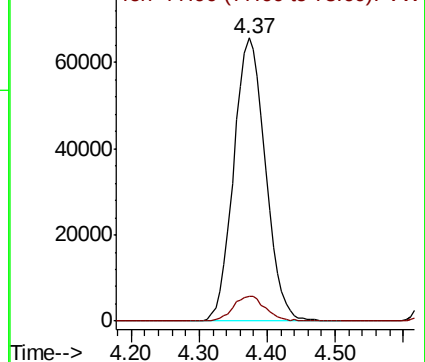
76 100

78 8.9 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 40.127 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012925.D

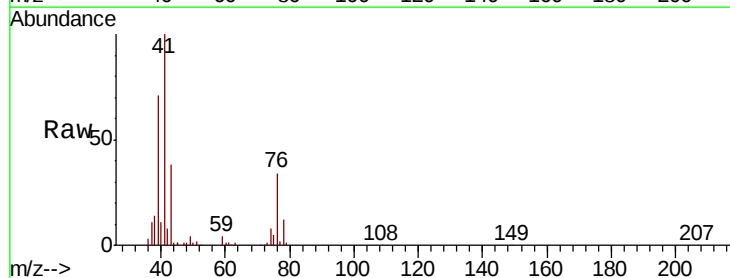
Acq: 11 Sep 2019 19:23

Tgt Ion: 43 Resp: 76159

Ion Ratio Lower Upper

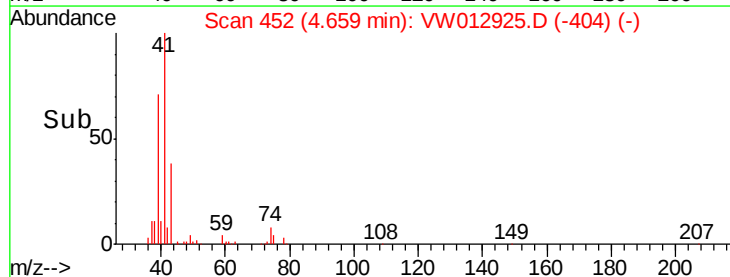
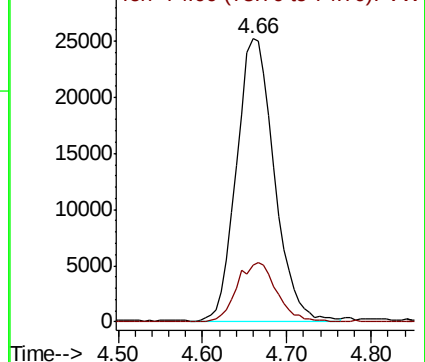
43 100

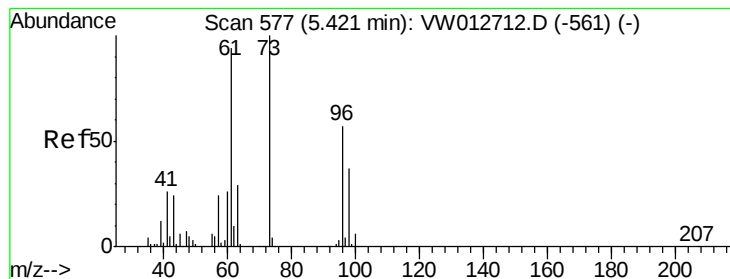
74 22.1 15.8 23.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#19

Methyl tert-butyl Ether

Concen: 51.296 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW012925.D

Acq: 11 Sep 2019 19:23

Instrument :

MSVOA_W

ClientSampleId :

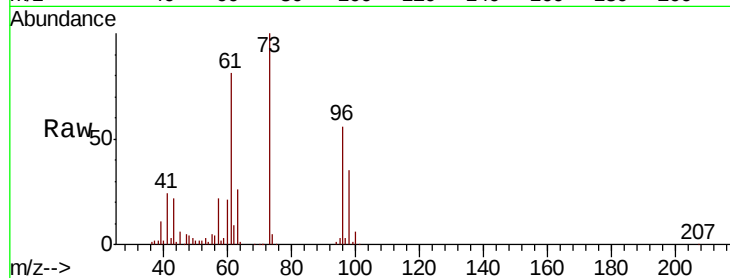
VSTDCCC050EC

Tgt Ion: 73 Resp: 223113

Ion Ratio Lower Upper

73 100

57 21.8 19.2 28.8



Abundance Ion 73.00 (72.70 to 73.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.42

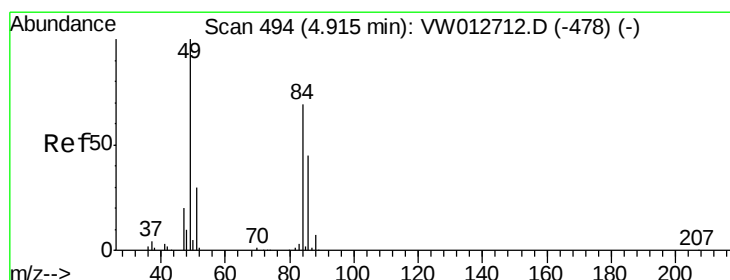
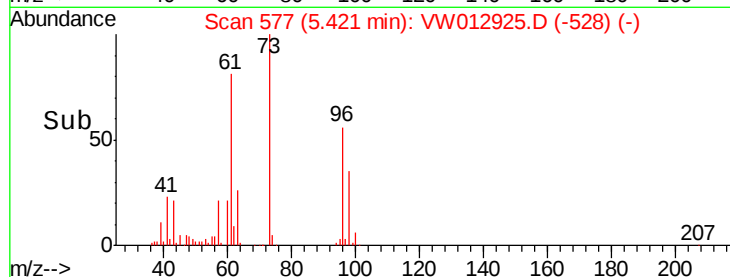
60000

40000

20000

0

Time--> 5.20 5.30 5.40 5.50 5.60



#20

Methylene Chloride

Concen: 48.556 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012925.D

Acq: 11 Sep 2019 19:23

Tgt Ion: 84 Resp: 122888

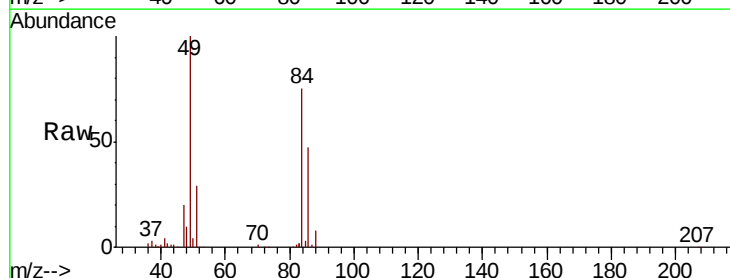
Ion Ratio Lower Upper

84 100

49 132.5 115.4 173.0

51 38.0 34.9 52.3

86 62.7 52.2 78.4



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

4.91

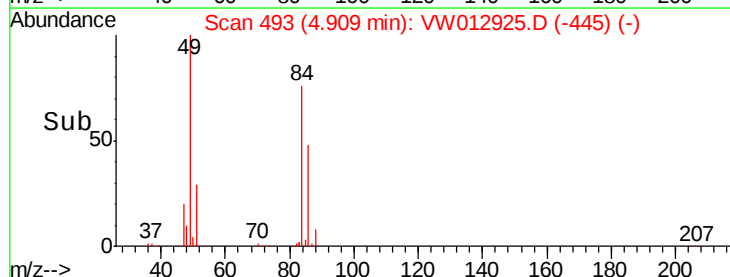
60000

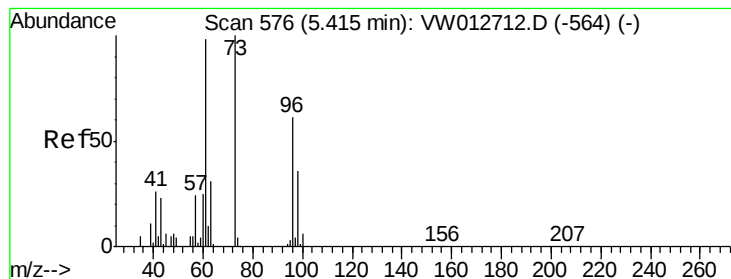
40000

20000

0

Time--> 4.70 4.80 4.90 5.00 5.10





#21

trans-1,2-Dichloroethene

Concen: 51.435 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW012925.D

Acq: 11 Sep 2019 19:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

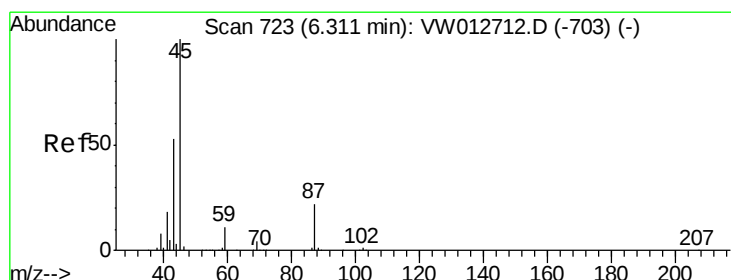
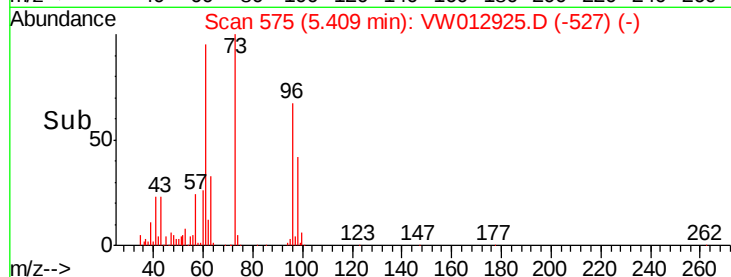
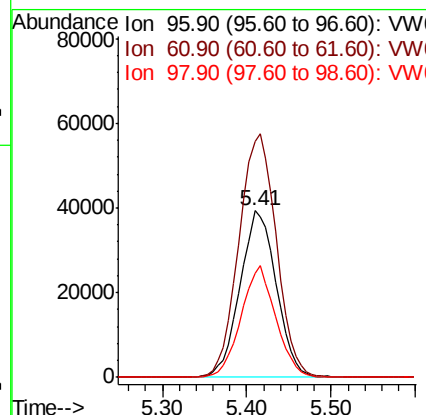
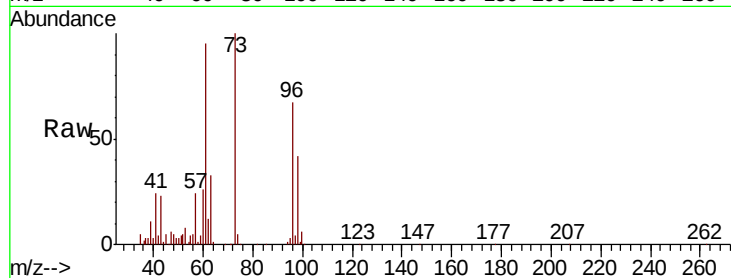
Tgt Ion: 96 Resp: 115102

Ion Ratio Lower Upper

96 100

61 141.8 129.2 193.8

98 62.4 48.0 72.0



#22

Diisopropyl ether

Concen: 50.630 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW012925.D

Acq: 11 Sep 2019 19:23

Tgt Ion: 45 Resp: 455584

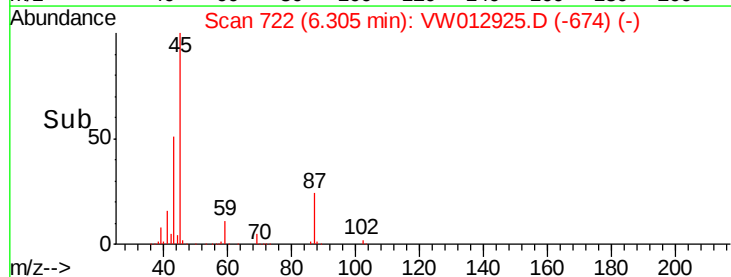
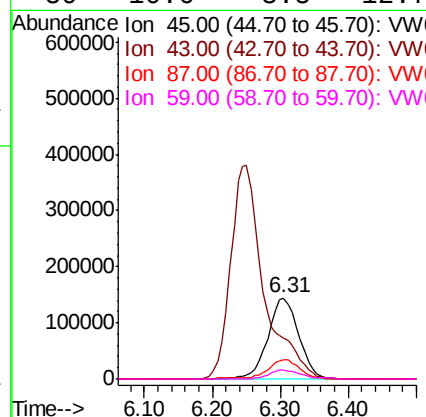
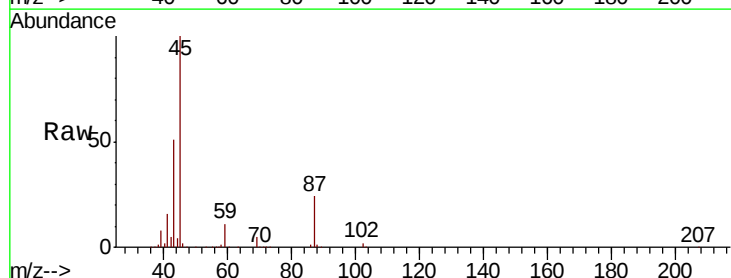
Ion Ratio Lower Upper

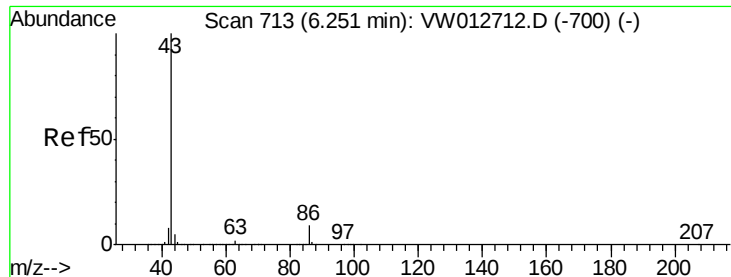
45 100

43 50.9 42.3 63.5

87 23.6 18.2 27.2

59 10.6 8.5 12.7





#23

Vinyl Acetate

Concen: 226.237 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012925.D

Acq: 11 Sep 2019 19:23

Instrument :

MSVOA_W

ClientSampleId :

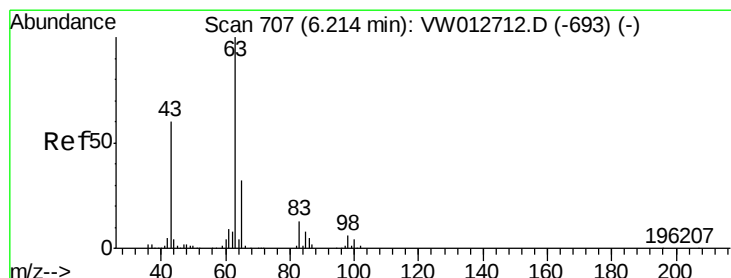
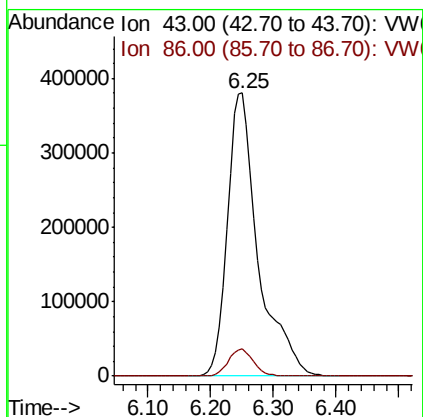
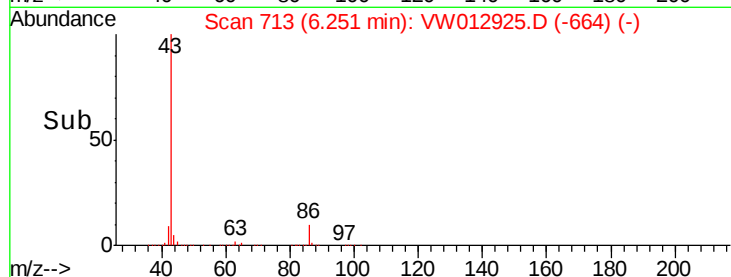
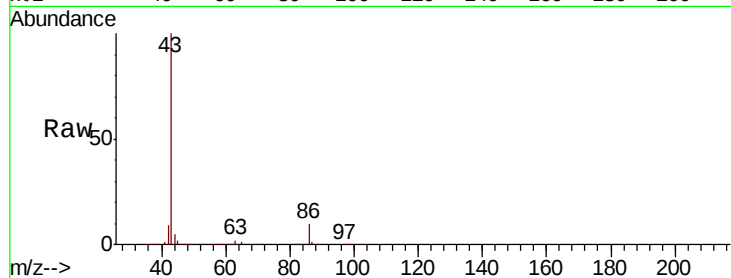
VSTDCCC050EC

Tgt Ion: 43 Resp: 1290146

Ion Ratio Lower Upper

43 100

86 9.8 7.0 10.6



#24

1,1-Dichloroethane

Concen: 50.668 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012925.D

Acq: 11 Sep 2019 19:23

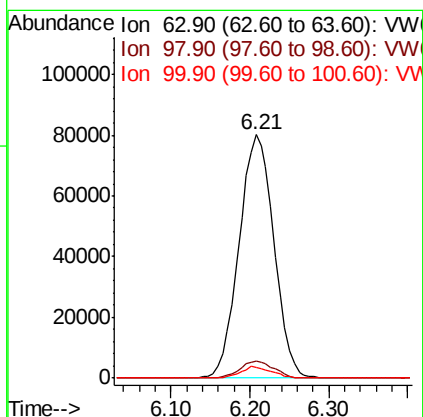
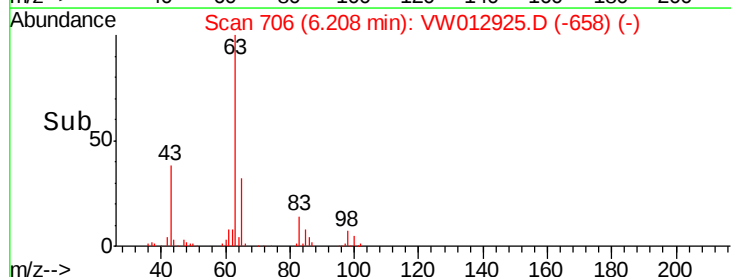
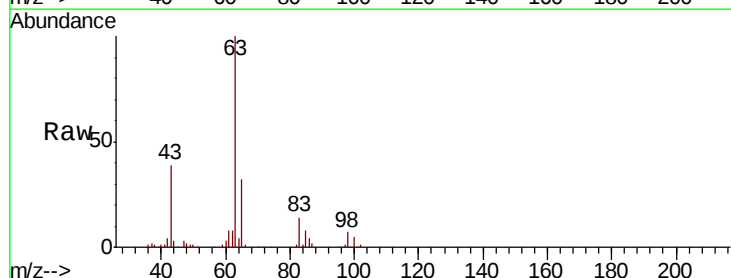
Tgt Ion: 63 Resp: 245488

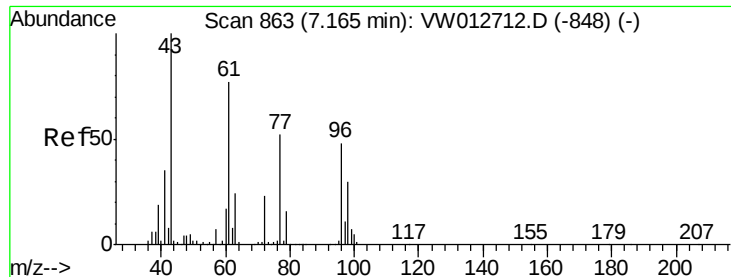
Ion Ratio Lower Upper

63 100

98 7.2 3.1 9.3

100 4.6 1.8 5.5





#25

2-Butanone

Concen: 176.730 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012925.D

Acq: 11 Sep 2019 19:23

Instrument :

MSVOA_W

ClientSampleId :

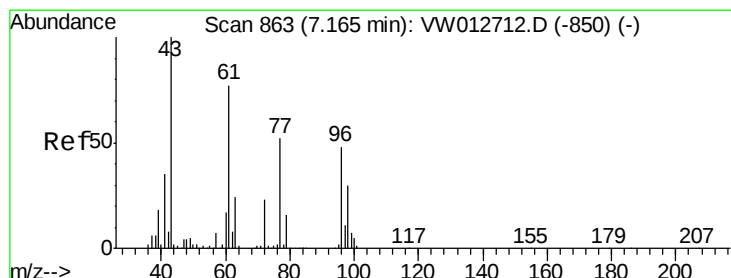
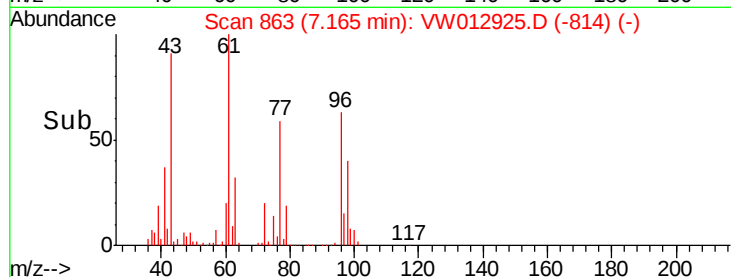
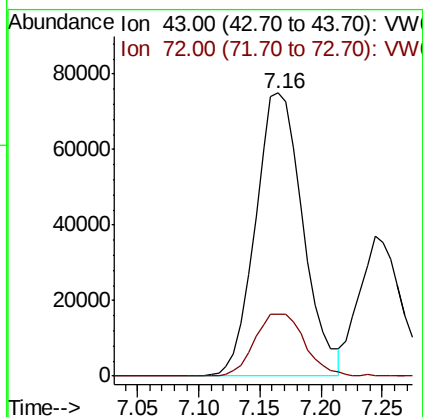
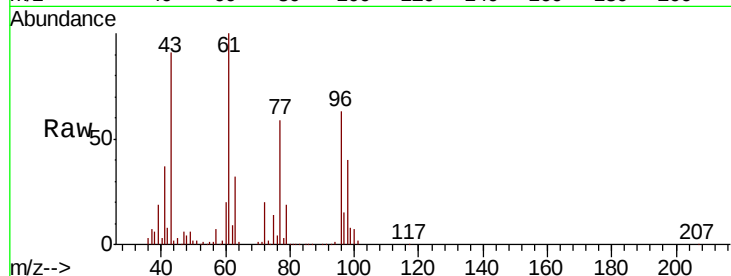
VSTDCCC050EC

Tgt Ion: 43 Resp: 203048

Ion Ratio Lower Upper

43 100

72 22.1 18.0 27.0



#26

2,2-Dichloropropane

Concen: 48.010 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012925.D

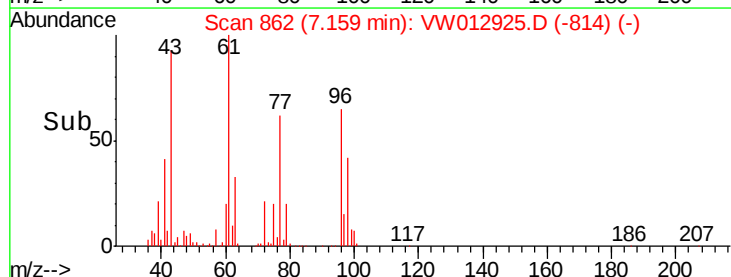
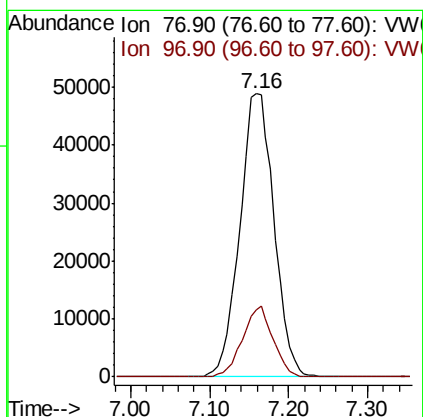
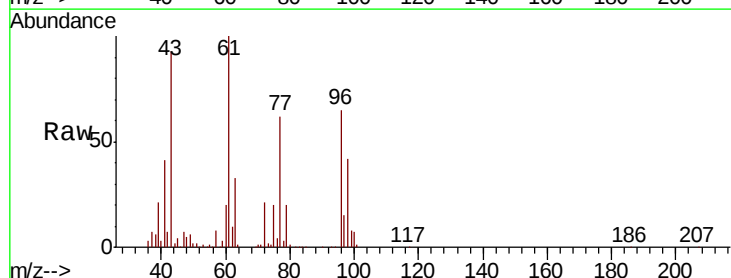
Acq: 11 Sep 2019 19:23

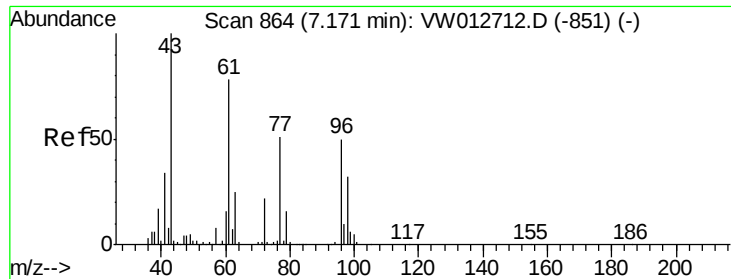
Tgt Ion: 77 Resp: 146915

Ion Ratio Lower Upper

77 100

97 22.4 10.7 32.1



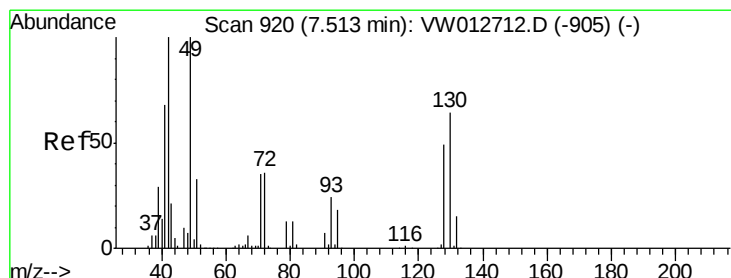
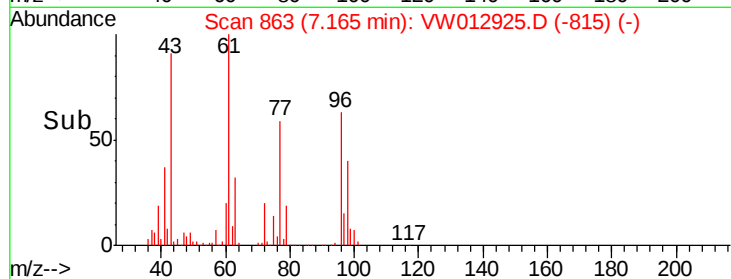
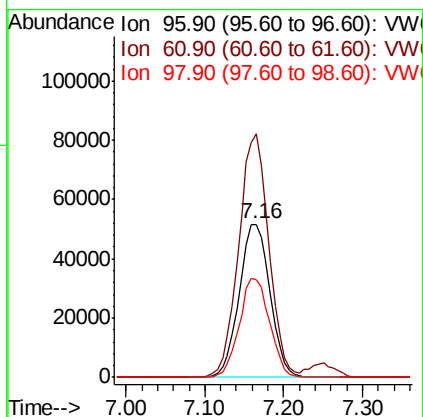
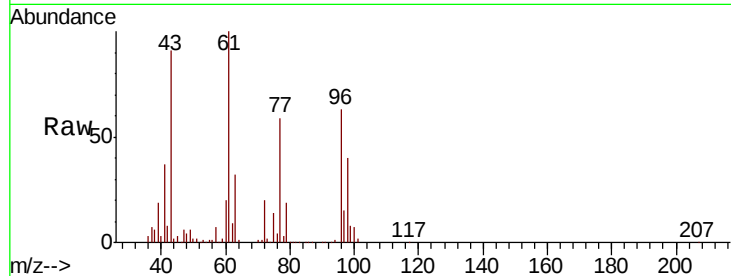


#27

cis-1,2-Dichloroethene
Concen: 54.269 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012925.D
Acq: 11 Sep 2019 19:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

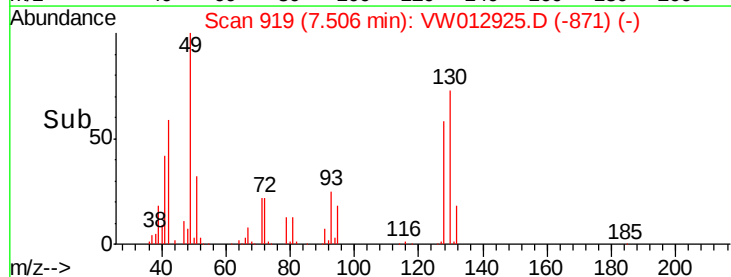
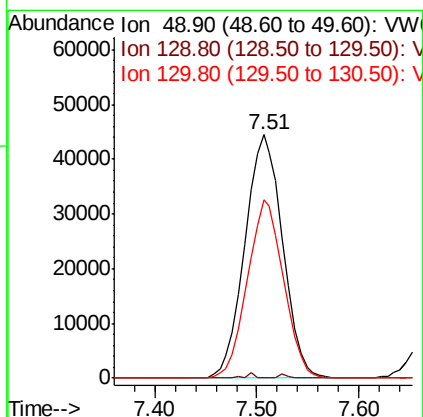
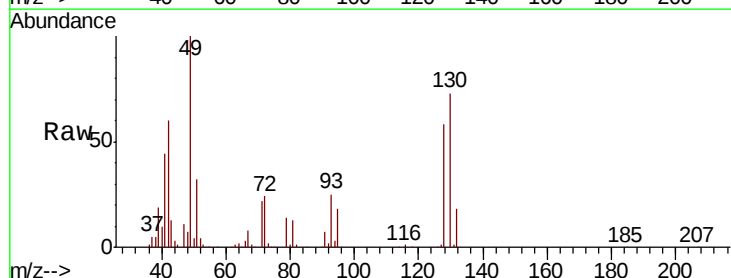
Tgt Ion: 96 Resp: 140815
Ion Ratio Lower Upper
96 100
61 154.8 0.0 325.8
98 63.6 0.0 127.0

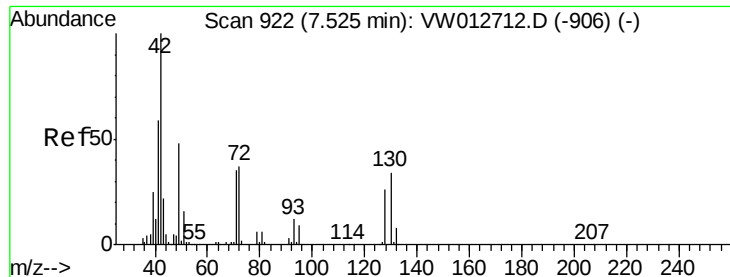


#28

Bromochloromethane
Concen: 51.403 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW012925.D
Acq: 11 Sep 2019 19:23

Tgt Ion: 49 Resp: 114357
Ion Ratio Lower Upper
49 100
129 0.5 0.0 0.8
130 70.4 49.8 74.8

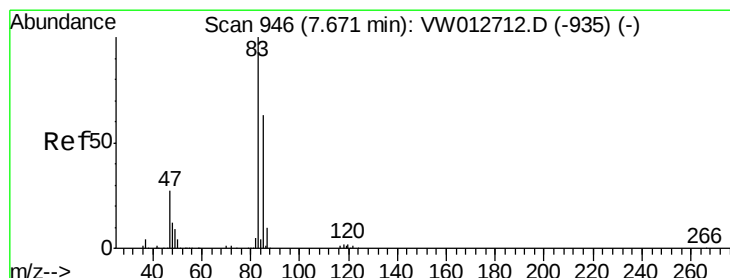
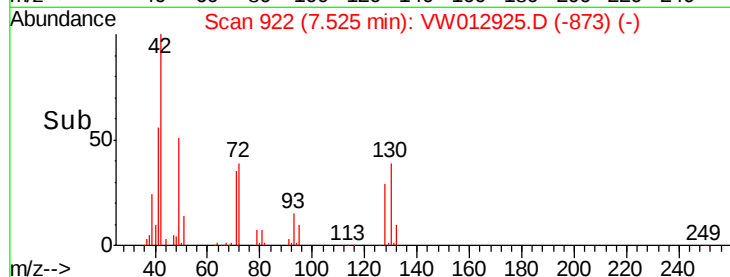
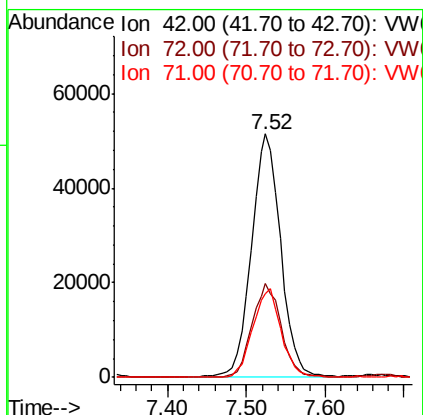
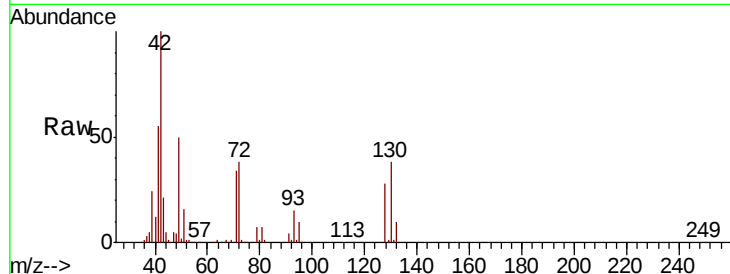




#29
Tetrahydrofuran
Concen: 203.250 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW012925.D
Acq: 11 Sep 2019 19:23

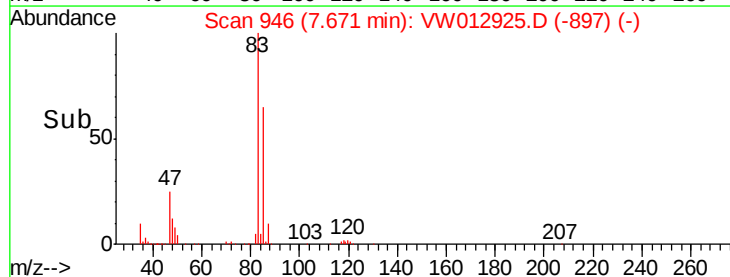
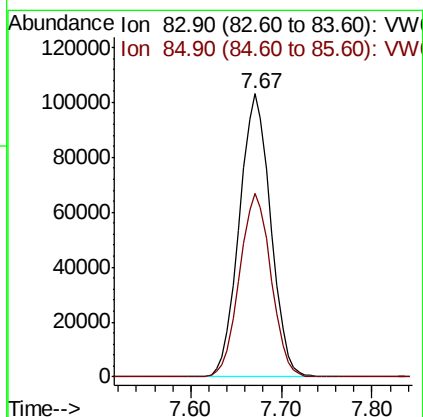
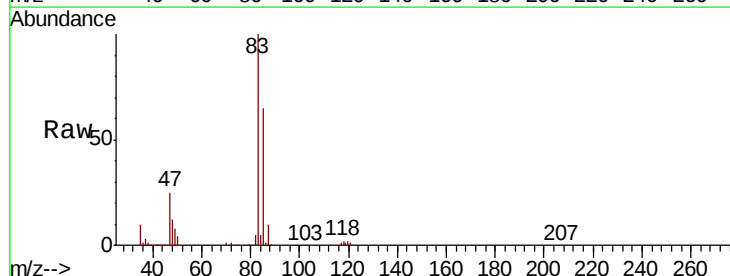
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

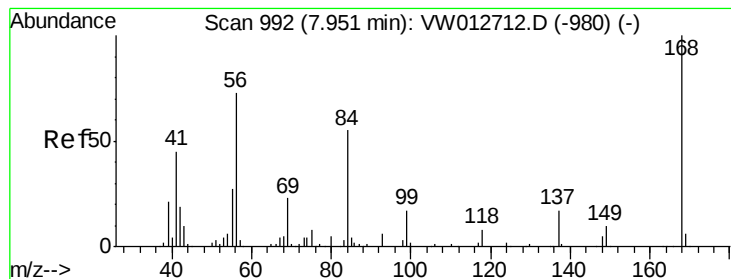
Tgt Ion: 42 Resp: 132776
Ion Ratio Lower Upper
42 100
72 38.1 28.4 42.6
71 35.4 27.1 40.7



#30
Chloroform
Concen: 51.449 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW012925.D
Acq: 11 Sep 2019 19:23

Tgt Ion: 83 Resp: 247044
Ion Ratio Lower Upper
83 100
85 64.8 50.6 76.0





#31

Cyclohexane

Concen: 45.234 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW012925.D

Acq: 11 Sep 2019 19:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

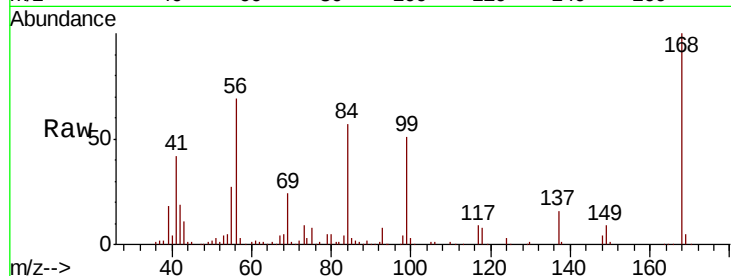
Tgt Ion: 56 Resp: 197301

Ion Ratio Lower Upper

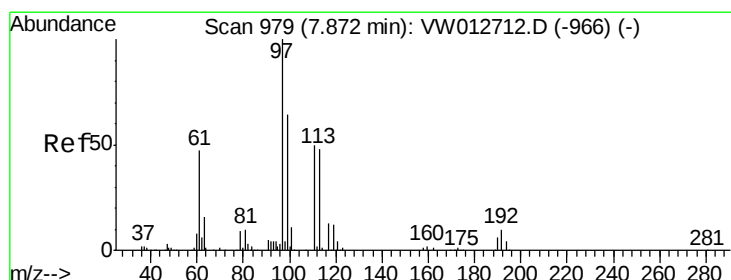
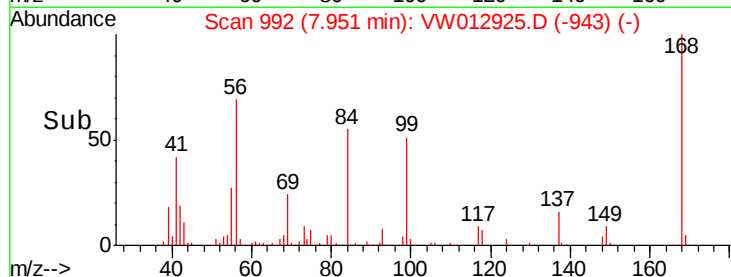
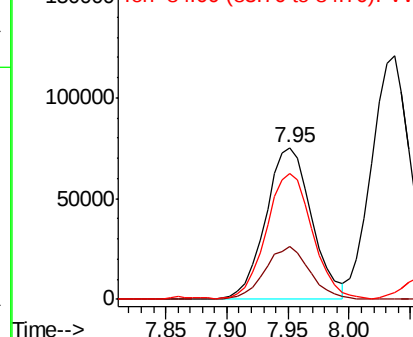
56 100

69 34.9 25.7 38.5

84 81.1 60.4 90.6



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: 50.760 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW012925.D

Acq: 11 Sep 2019 19:23

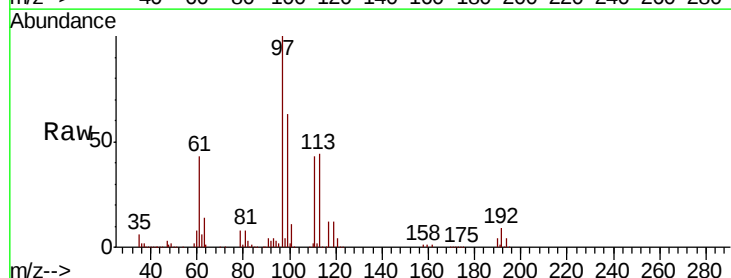
Tgt Ion: 97 Resp: 197572

Ion Ratio Lower Upper

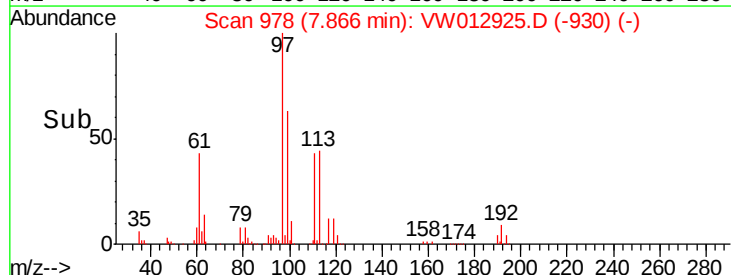
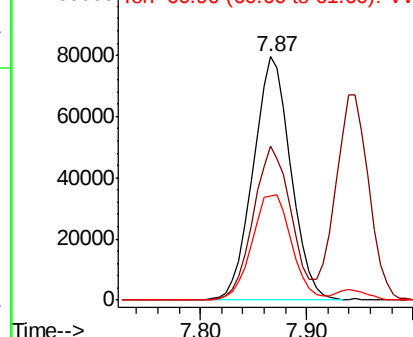
97 100

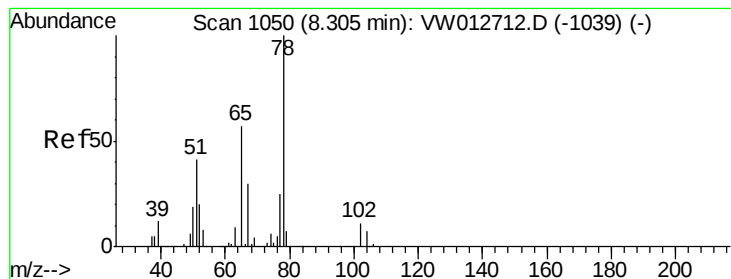
99 62.9 51.5 77.3

61 45.6 37.9 56.9



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: 46.078 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012925.D

Acq: 11 Sep 2019 19:23

Instrument :

MSVOA_W

ClientSampleId :

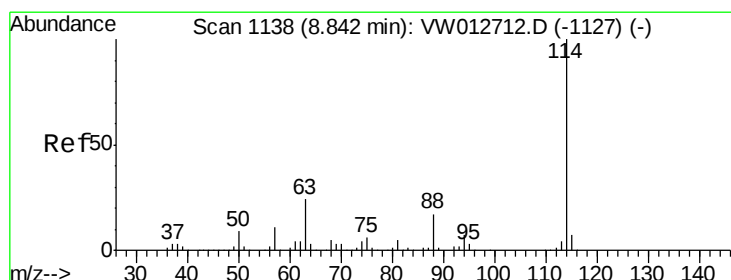
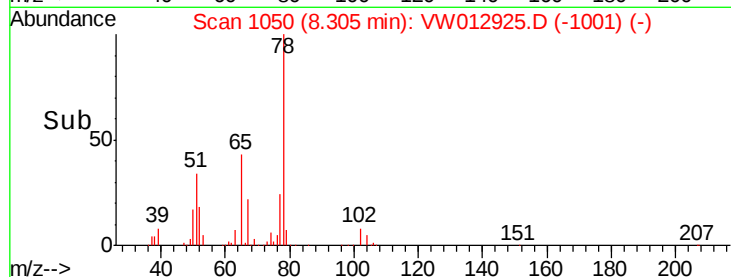
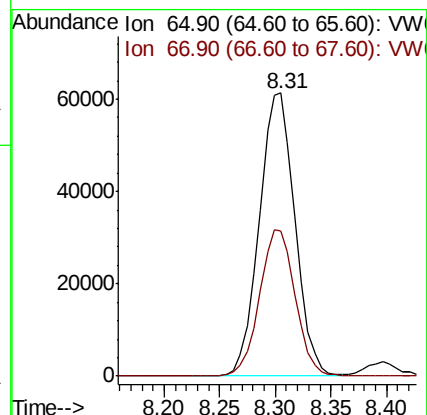
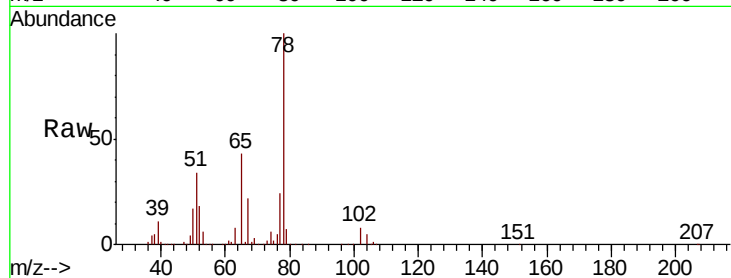
VSTDCCC050EC

Tgt Ion: 65 Resp: 136730

Ion Ratio Lower Upper

65 100

67 51.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012925.D

Acq: 11 Sep 2019 19:23

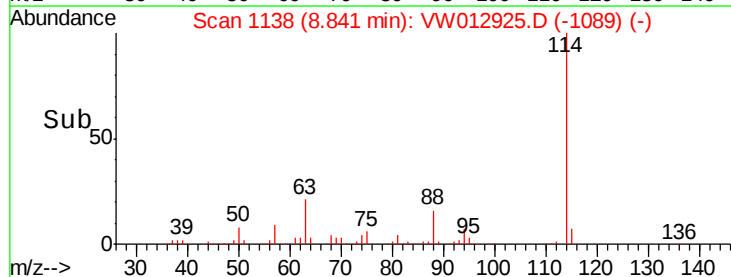
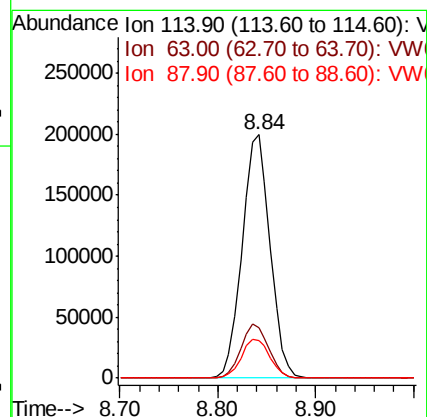
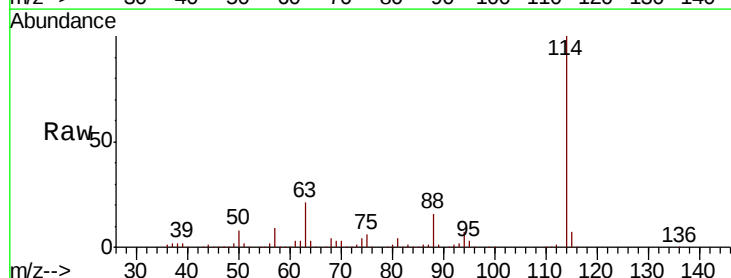
Tgt Ion: 114 Resp: 393762

Ion Ratio Lower Upper

114 100

63 20.6 0.0 47.2

88 15.6 0.0 34.0





#35

Dibromofluoromethane

Concen: 50.983 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012925.D

Acq: 11 Sep 2019 19:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

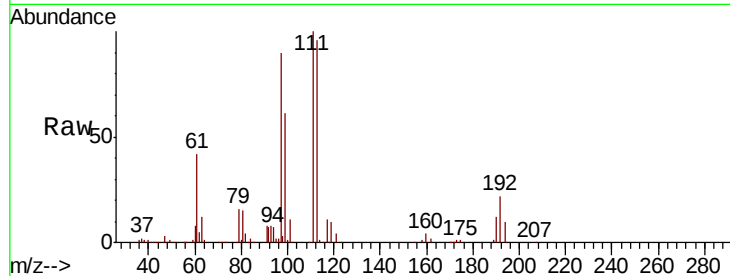
Tgt Ion:113 Resp: 119352

Ion Ratio Lower Upper

113 100

111 102.6 80.2 120.4

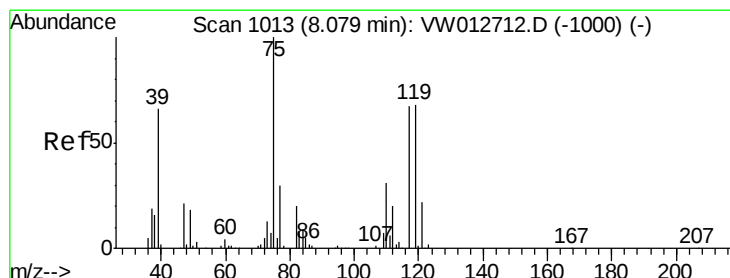
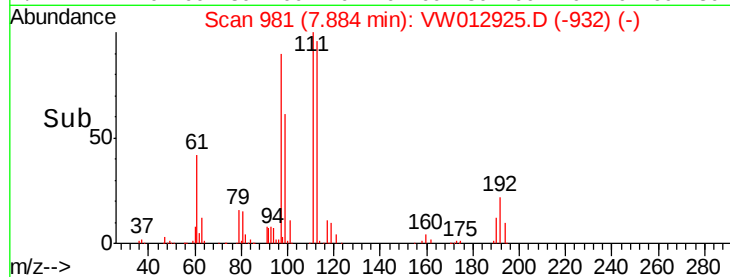
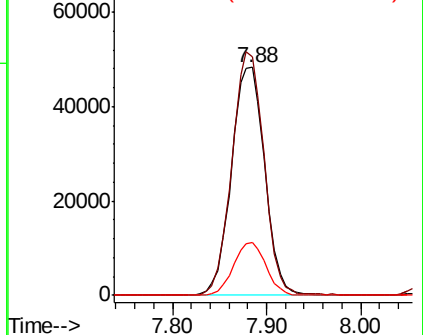
192 22.4 17.3 25.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.866 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW012925.D

Acq: 11 Sep 2019 19:23

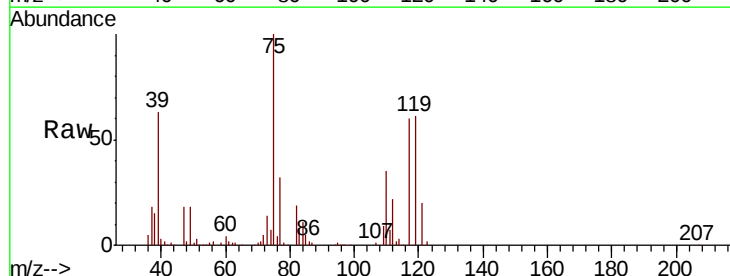
Tgt Ion: 75 Resp: 177965

Ion Ratio Lower Upper

75 100

110 34.2 15.9 47.7

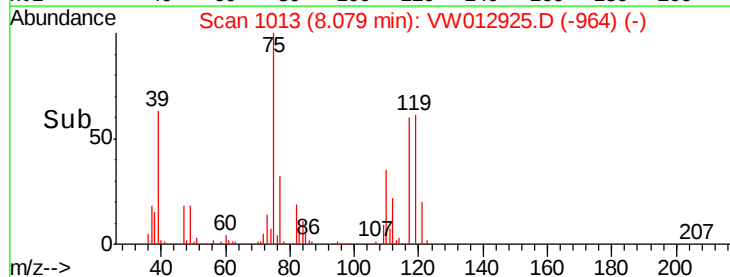
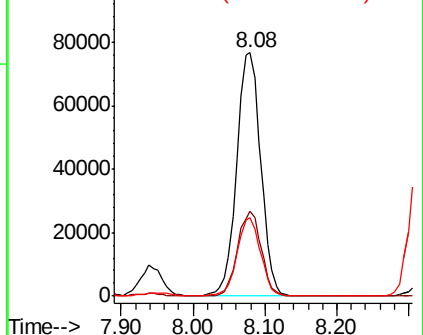
77 31.4 25.0 37.4

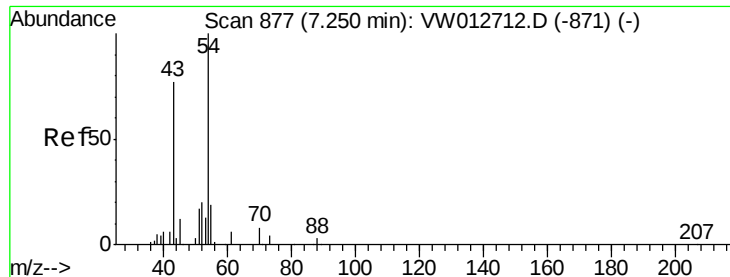


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

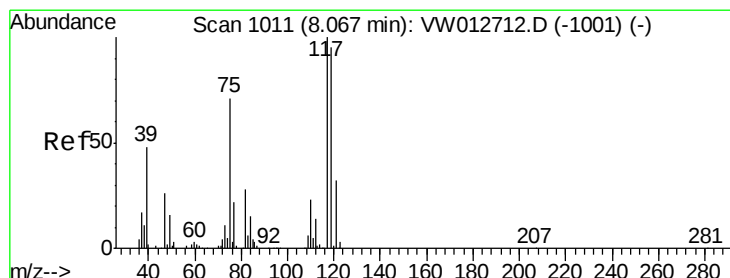
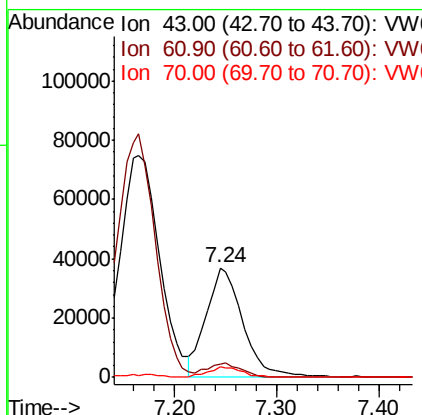
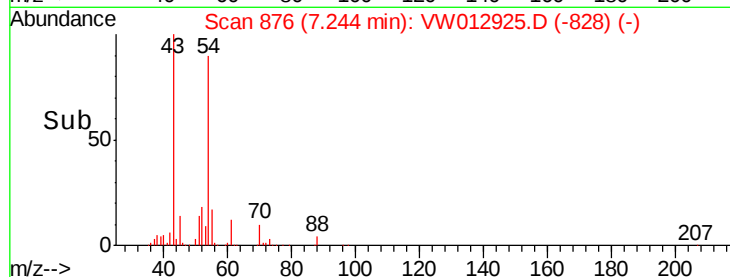
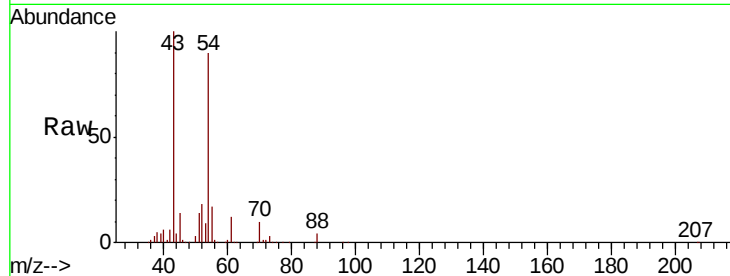




#37
 Ethyl Acetate
 Concen: 40.936 ug/l
 RT: 7.24 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: VW012925.D
 Acq: 11 Sep 2019 19:23

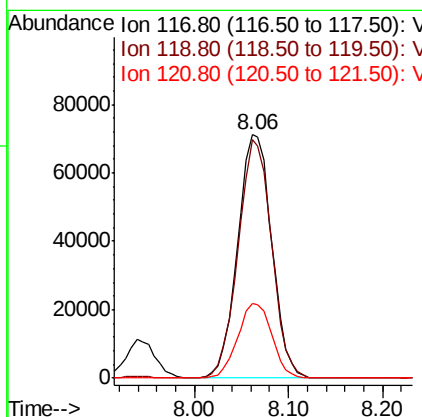
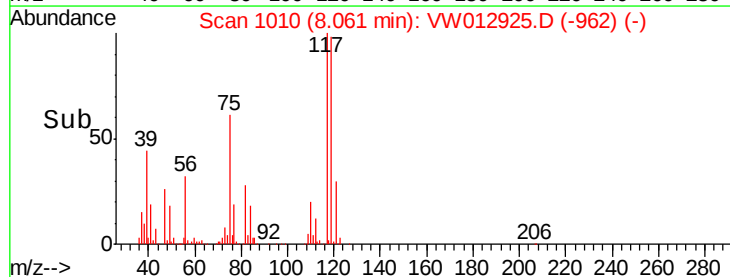
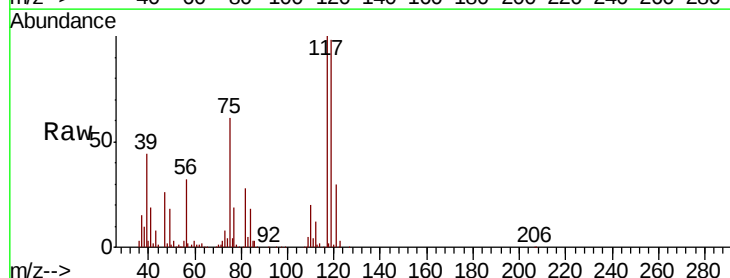
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

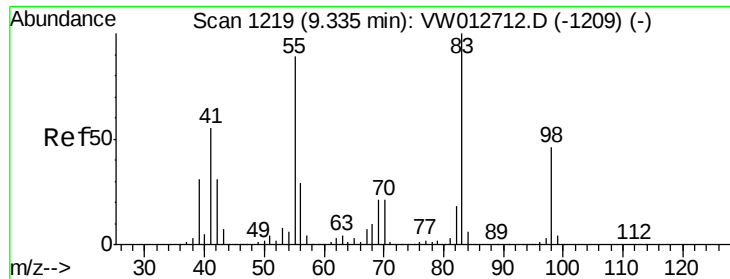
Tgt Ion: 43 Resp: 91300
 Ion Ratio Lower Upper
 43 100
 61 12.4 9.5 14.3
 70 9.5 7.0 10.6



#38
 Carbon Tetrachloride
 Concen: 51.805 ug/l
 RT: 8.06 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: VW012925.D
 Acq: 11 Sep 2019 19:23

Tgt Ion: 117 Resp: 178668
 Ion Ratio Lower Upper
 117 100
 119 97.9 76.2 114.2
 121 30.5 25.4 38.2

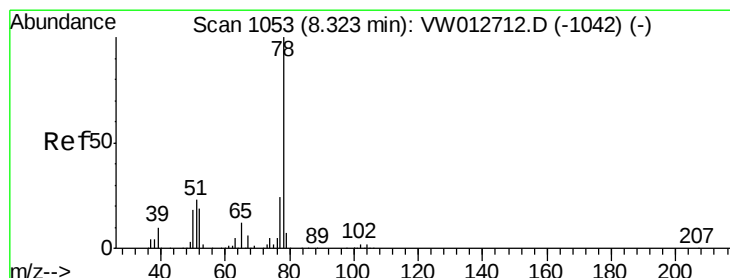
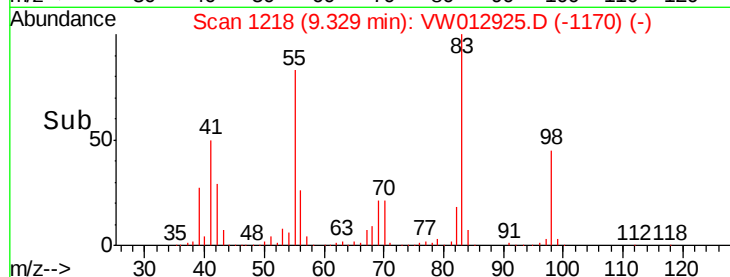
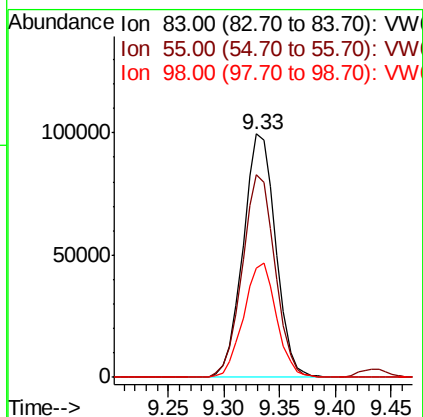
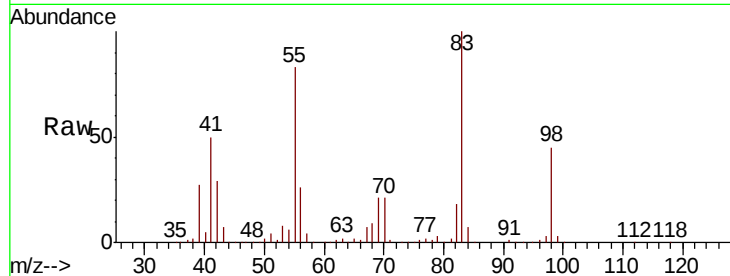




#39
Methylcyclohexane
Concen: 51.647 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW012925.D
Acq: 11 Sep 2019 19:23

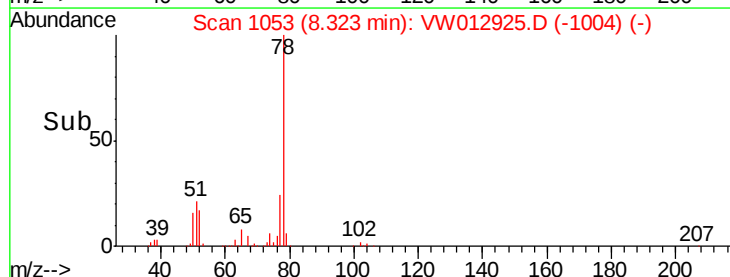
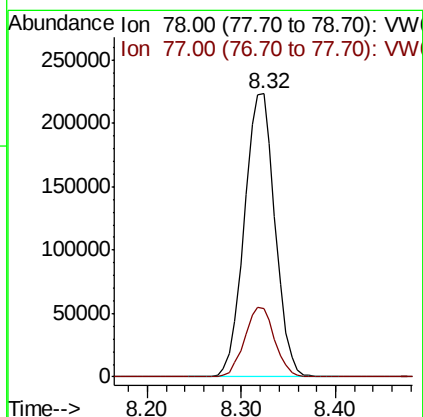
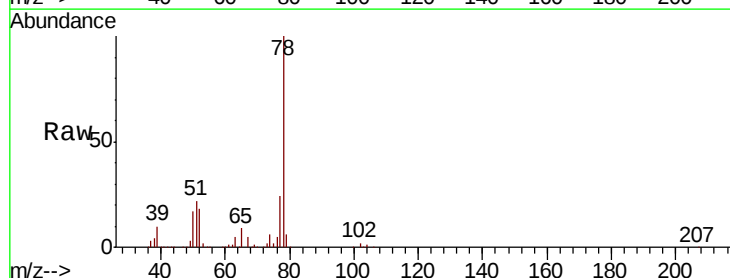
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

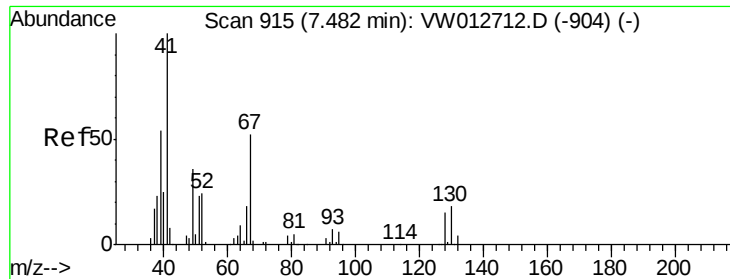
Tgt Ion: 83 Resp: 202946
Ion Ratio Lower Upper
83 100
55 83.3 71.0 106.4
98 45.0 36.9 55.3



#40
Benzene
Concen: 52.522 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012925.D
Acq: 11 Sep 2019 19:23

Tgt Ion: 78 Resp: 509840
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9

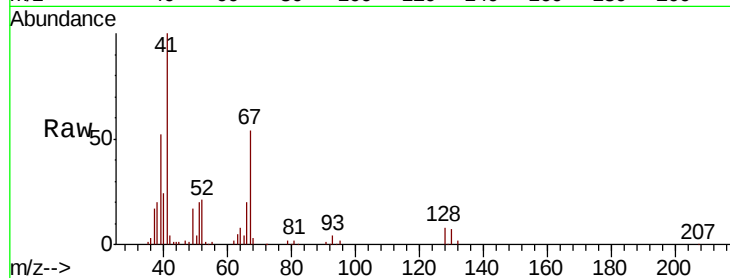




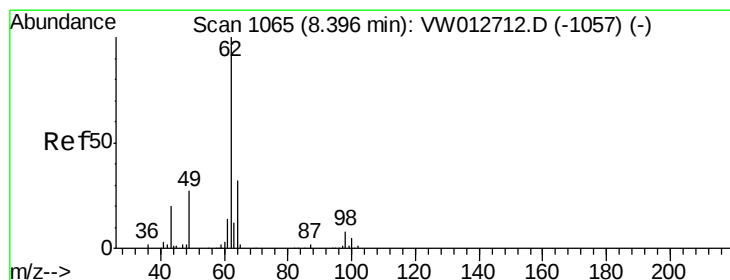
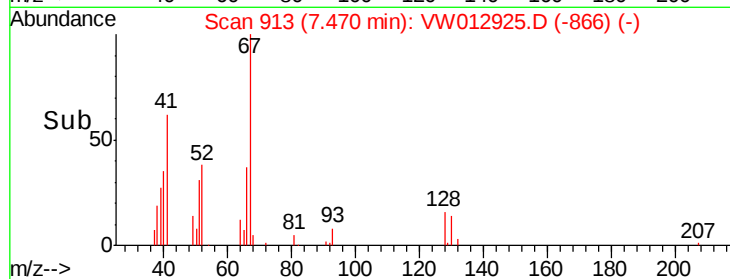
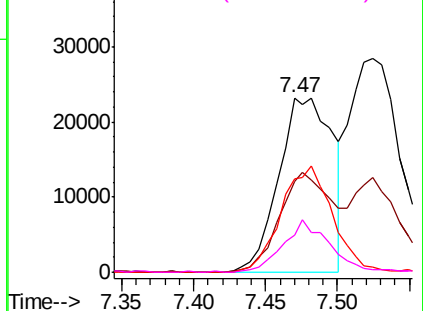
#41
Methacrylonitrile
Concen: 40.886 ug/l
RT: 7.47 min Scan# 913
Delta R.T. -0.01 min
Lab File: VW012925.D
Acq: 11 Sep 2019 19:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	60838
Ion	Ratio	Lower	Upper
41	100		
39	59.1	47.5	71.3
67	58.4	45.1	67.7
52	25.9	20.2	30.2

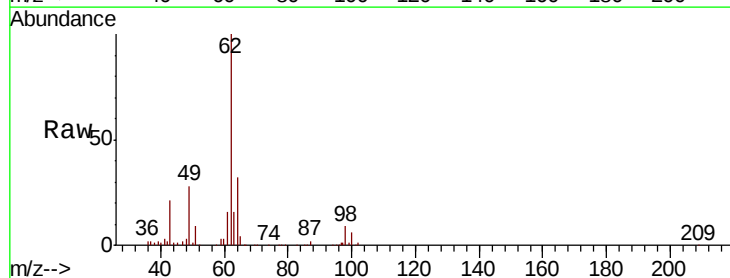


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

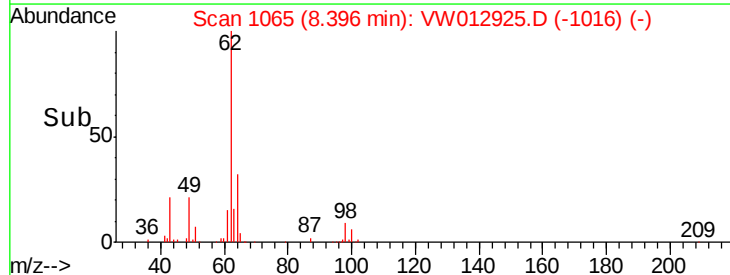
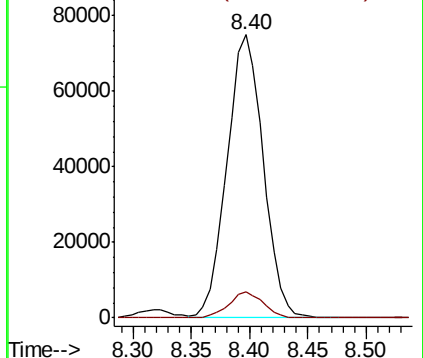


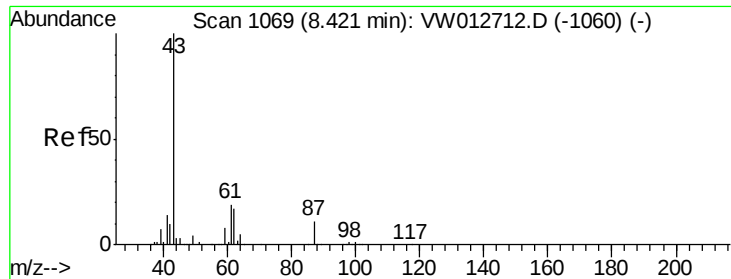
#42
1,2-Dichloroethane
Concen: 47.464 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012925.D
Acq: 11 Sep 2019 19:23

Tgt Ion:	62	Resp:	162150
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	16.2



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





#43

Isopropyl Acetate

Concen: 42.636 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012925.D

Acq: 11 Sep 2019 19:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

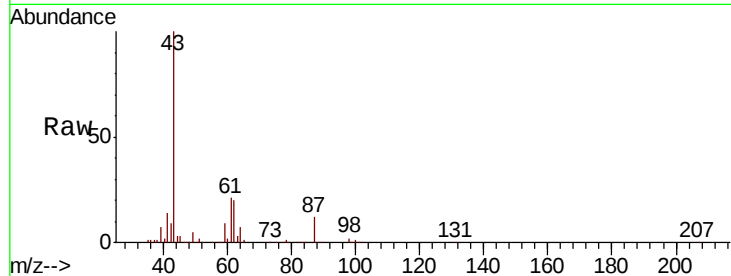
Tgt Ion: 43 Resp: 180156

Ion Ratio Lower Upper

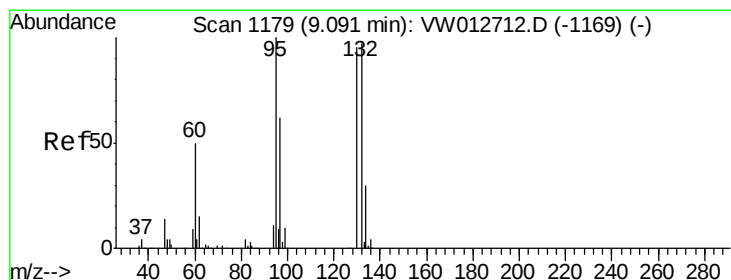
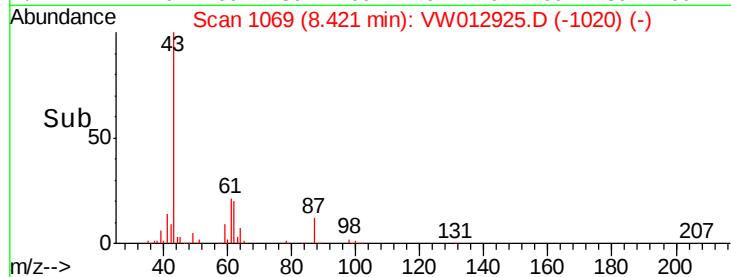
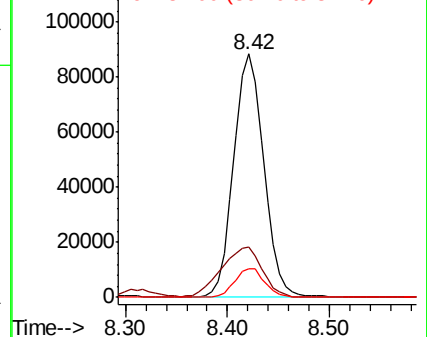
43 100

61 28.1 20.6 30.8

87 11.8 8.6 13.0



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: 55.416 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012925.D

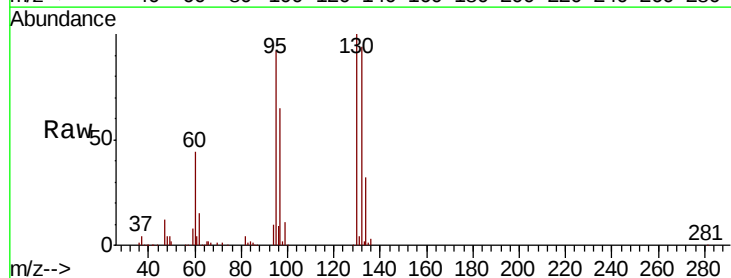
Acq: 11 Sep 2019 19:23

Tgt Ion: 130 Resp: 138662

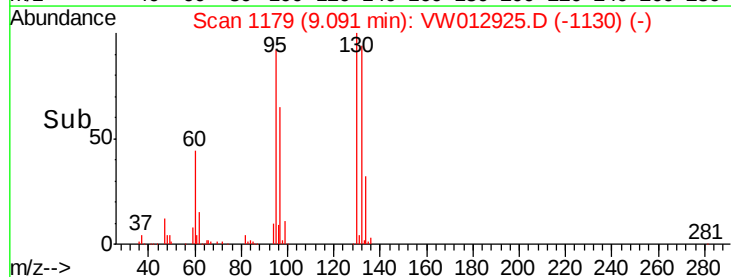
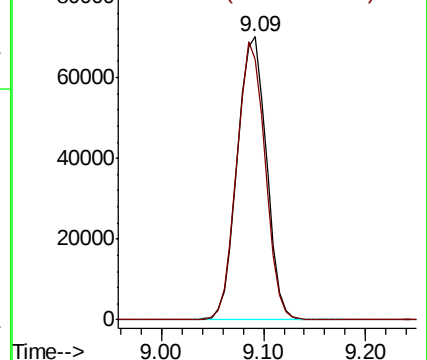
Ion Ratio Lower Upper

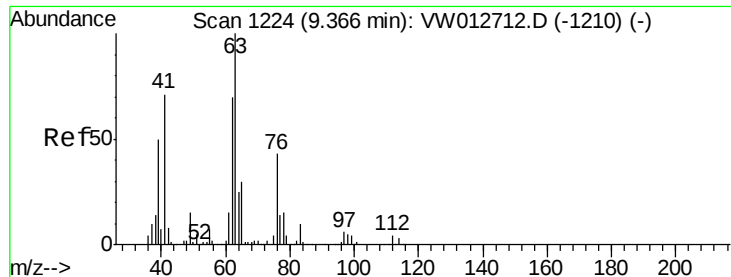
130 100

95 91.9 0.0 210.6



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

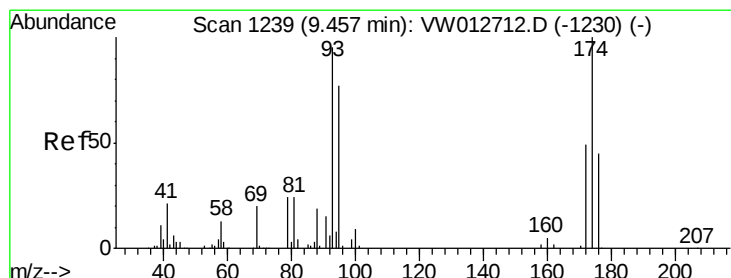
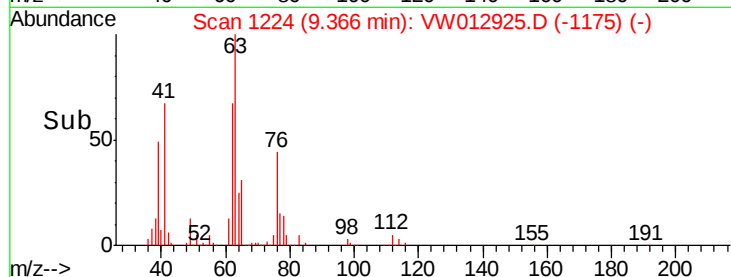
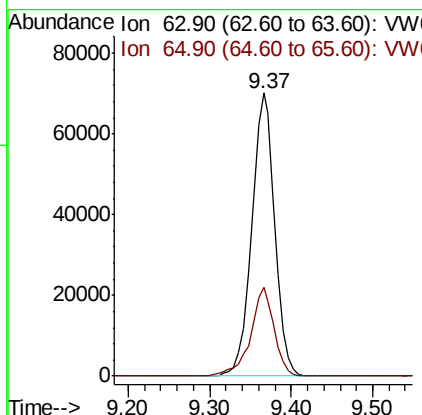
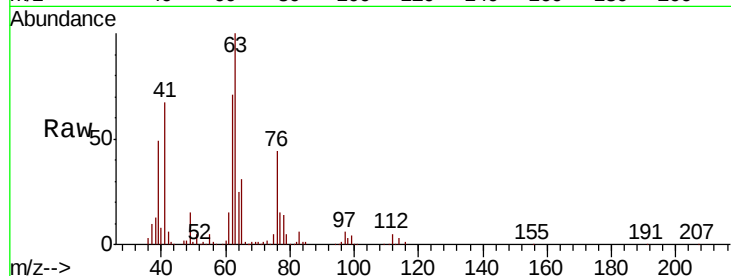




#45
 1,2-Dichloropropane
 Concen: 51.366 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012925.D
 Acq: 11 Sep 2019 19:23

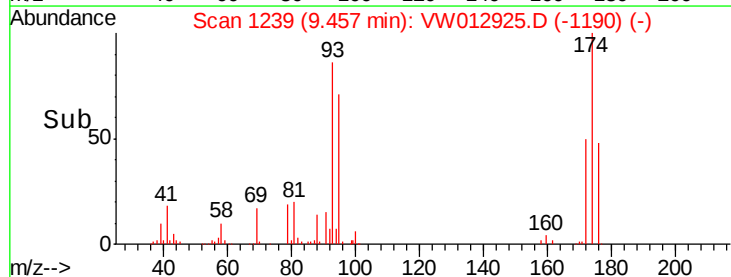
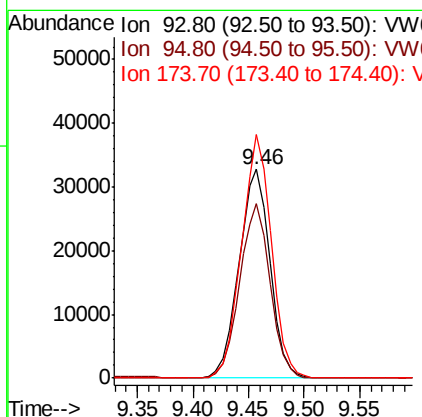
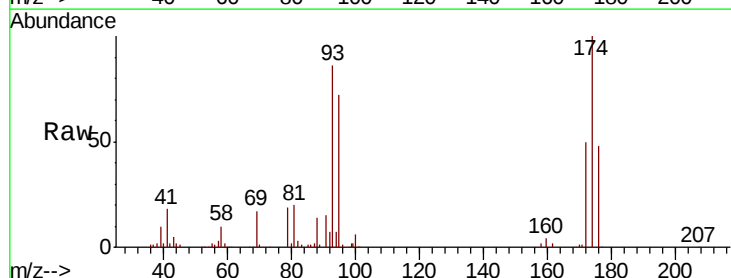
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

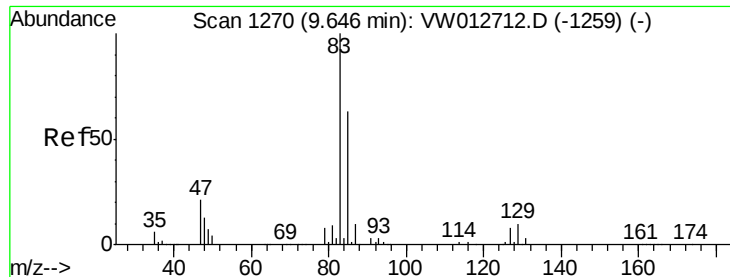
Tgt Ion: 63 Resp: 138293
 Ion Ratio Lower Upper
 63 100
 65 31.3 23.8 35.8



#46
 Dibromomethane
 Concen: 49.492 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012925.D
 Acq: 11 Sep 2019 19:23

Tgt Ion: 93 Resp: 63097
 Ion Ratio Lower Upper
 93 100
 95 82.3 65.2 97.8
 174 112.7 84.2 126.4





#47

Bromodichloromethane

Concen: 52.324 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012925.D

Acq: 11 Sep 2019 19:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

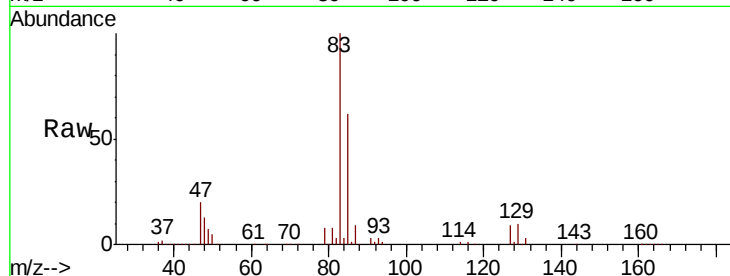
Tgt Ion: 83 Resp: 183528

Ion Ratio Lower Upper

83 100

85 61.8 50.2 75.2

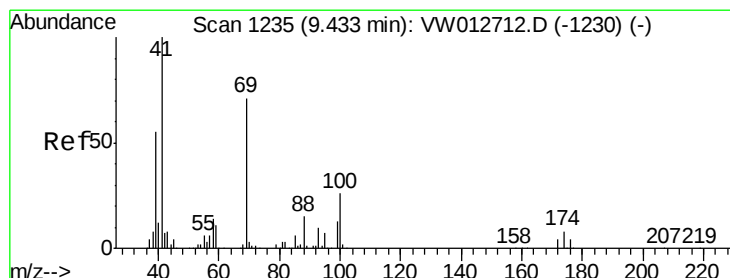
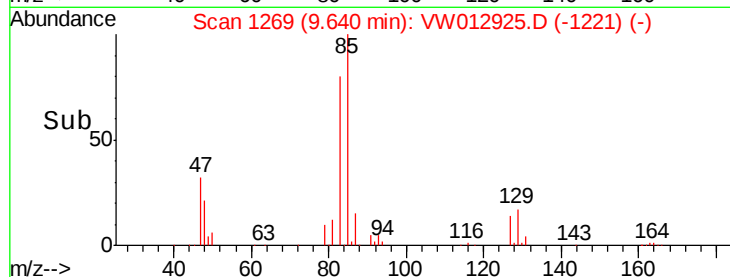
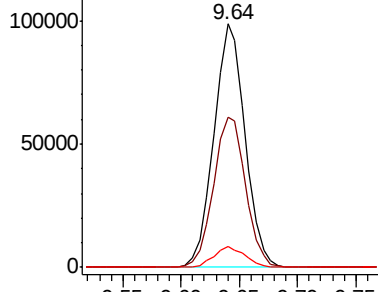
127 8.7 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 43.061 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW012925.D

Acq: 11 Sep 2019 19:23

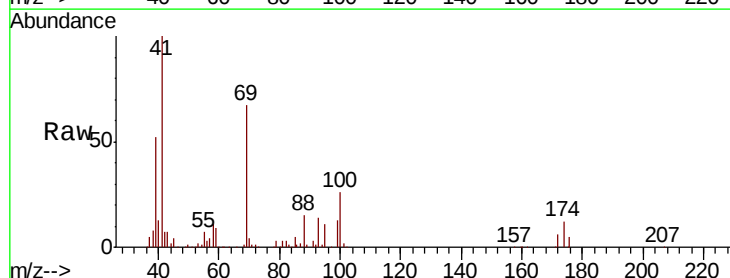
Tgt Ion: 41 Resp: 86954

Ion Ratio Lower Upper

41 100

69 74.5 59.8 89.8

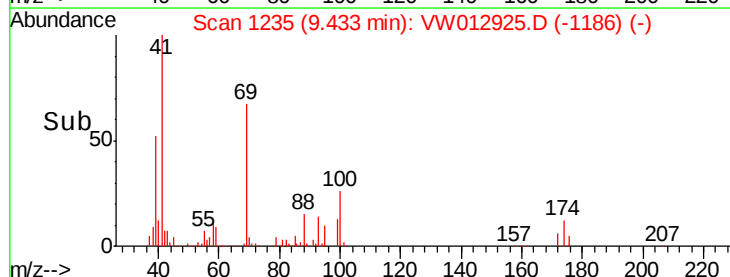
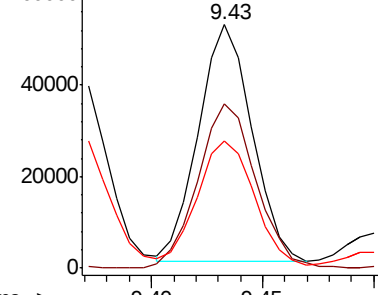
39 58.1 47.0 70.6

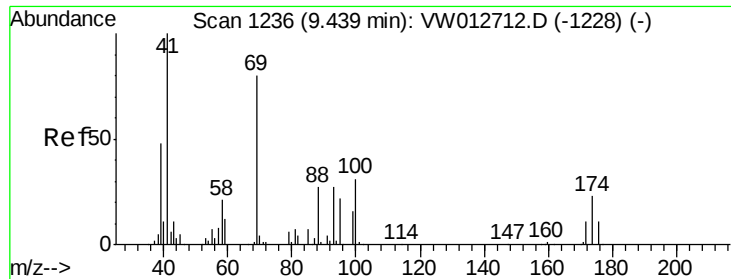


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

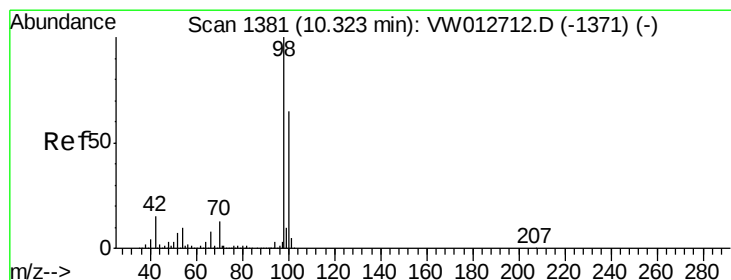
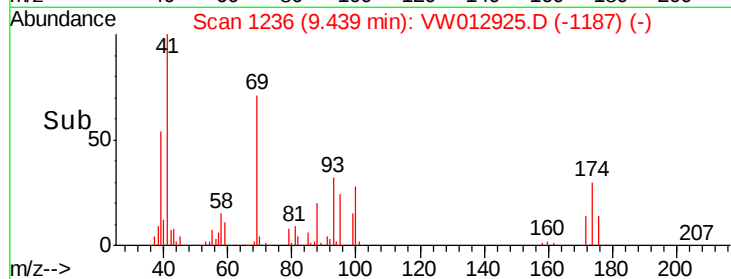
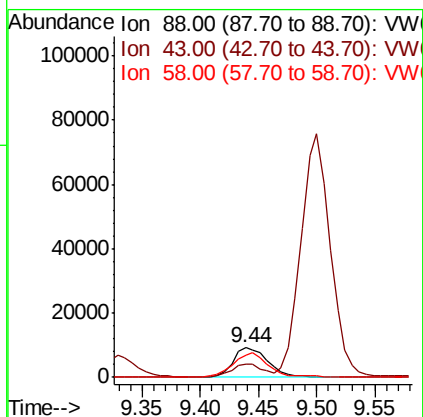
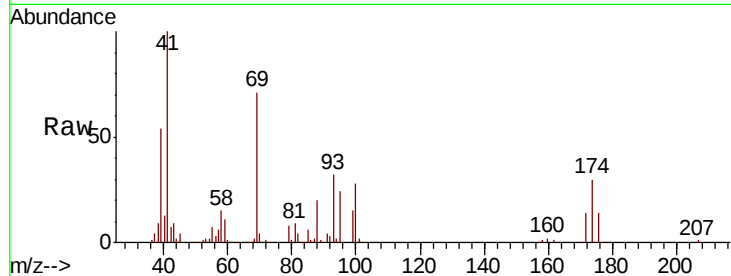




#49
 1,4-Dioxane
 Concen: 760.708 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VW012925.D
 Acq: 11 Sep 2019 19:23

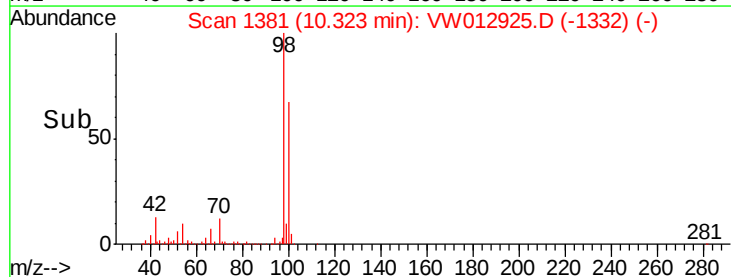
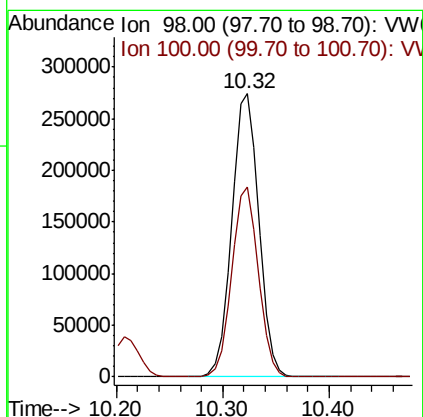
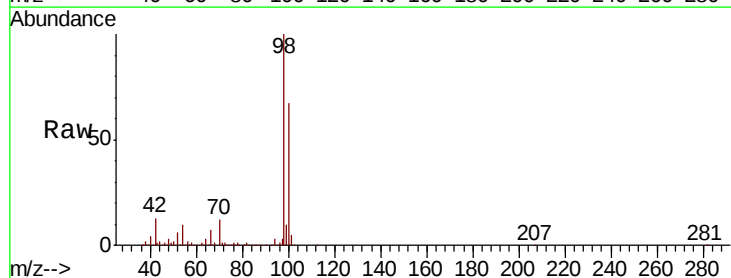
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

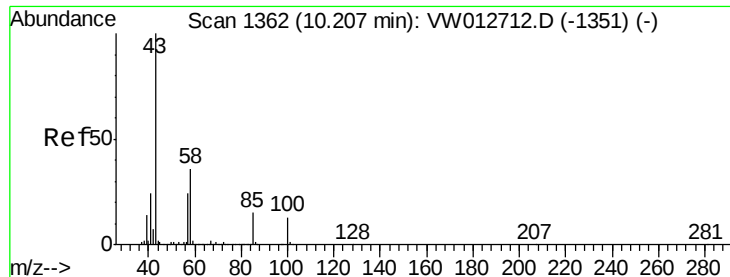
Tgt Ion: 88 Resp: 19157
 Ion Ratio Lower Upper
 88 100
 43 40.8 34.8 52.2
 58 84.6 64.1 96.1



#50
 Toluene-d8
 Concen: 53.202 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012925.D
 Acq: 11 Sep 2019 19:23

Tgt Ion: 98 Resp: 487947
 Ion Ratio Lower Upper
 98 100
 100 66.0 52.2 78.4

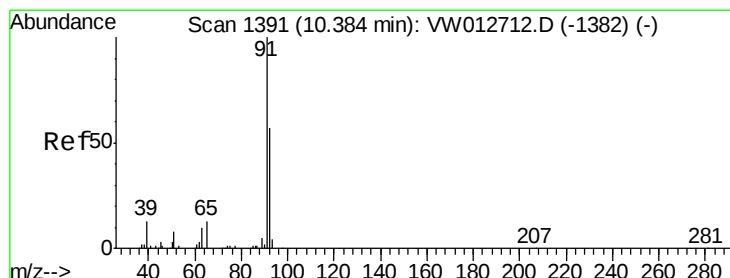
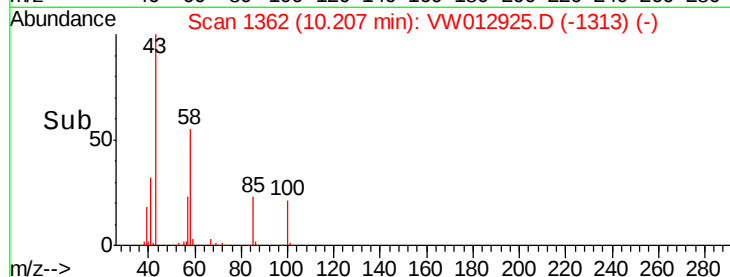
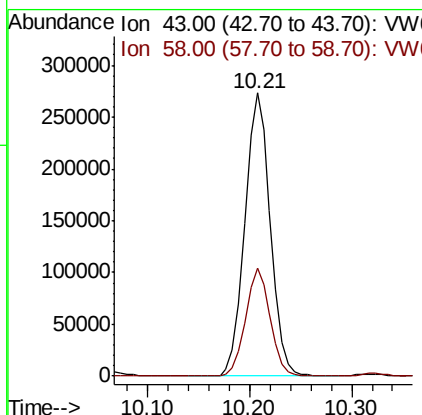
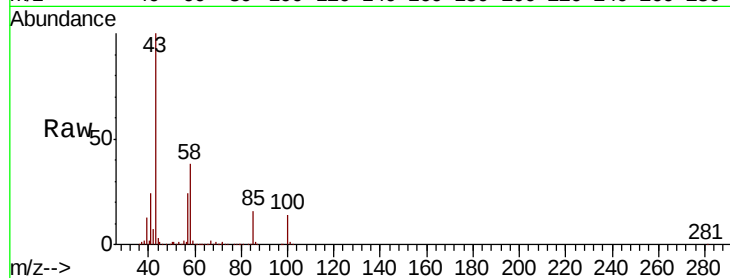




#51
 4-Methyl-2-Pentanone
 Concen: 212.894 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW012925.D
 Acq: 11 Sep 2019 19:23

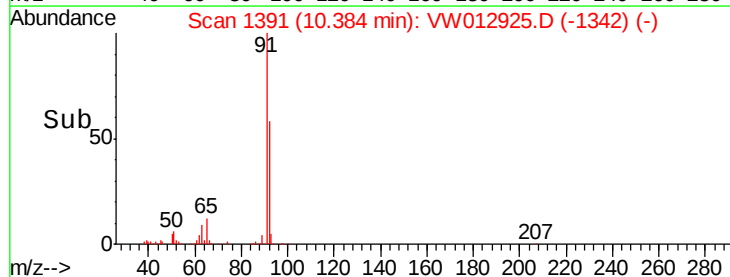
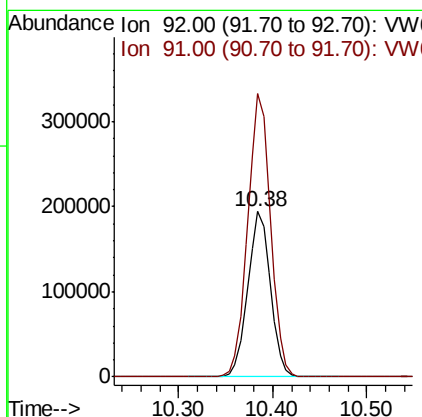
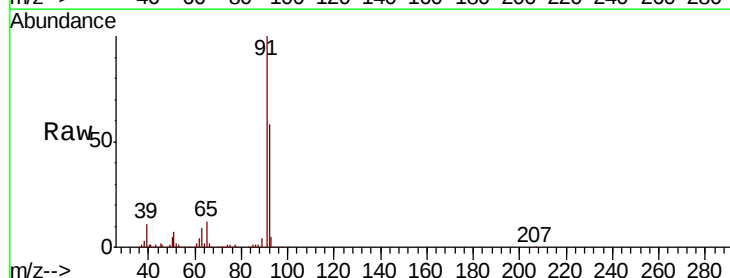
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

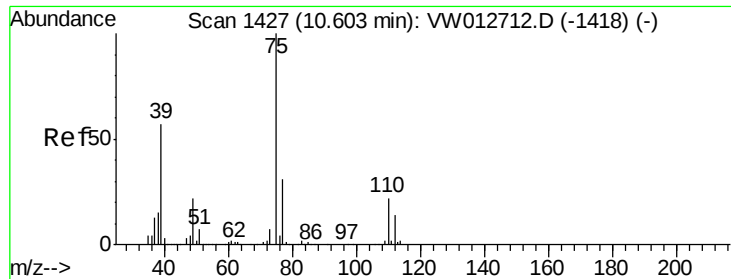
Tgt Ion: 43 Resp: 472033
 Ion Ratio Lower Upper
 43 100
 58 37.0 28.4 42.6



#52
 Toluene
 Concen: 54.243 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW012925.D
 Acq: 11 Sep 2019 19:23

Tgt Ion: 92 Resp: 328636
 Ion Ratio Lower Upper
 92 100
 91 172.4 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 51.152 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012925.D

Acq: 11 Sep 2019 19:23

Instrument :

MSVOA_W

ClientSampleId :

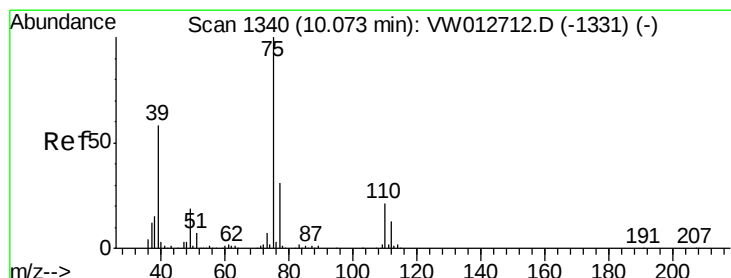
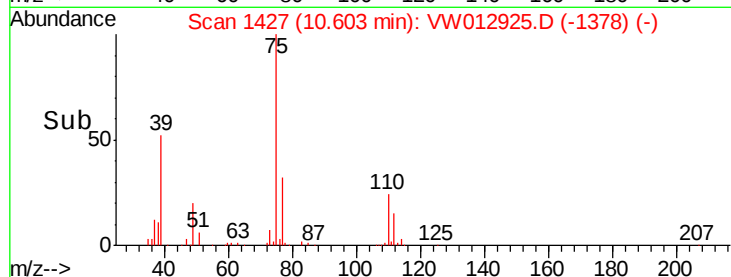
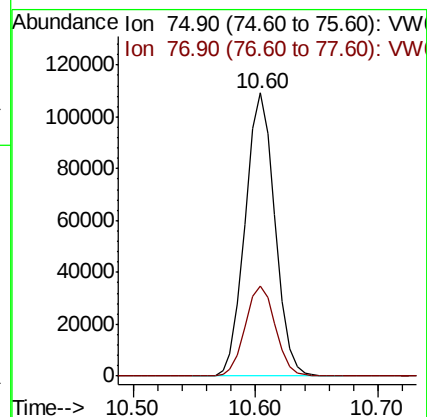
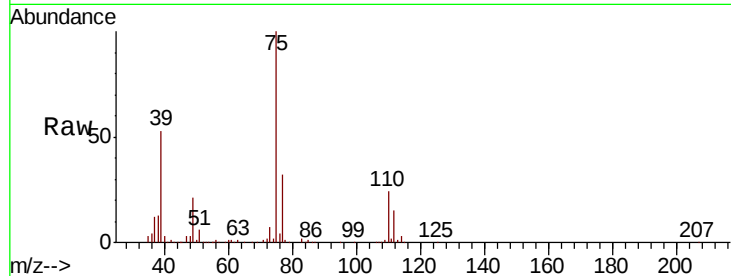
VSTDCCC050EC

Tgt Ion: 75 Resp: 184491

Ion Ratio Lower Upper

75 100

77 31.9 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 52.321 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012925.D

Acq: 11 Sep 2019 19:23

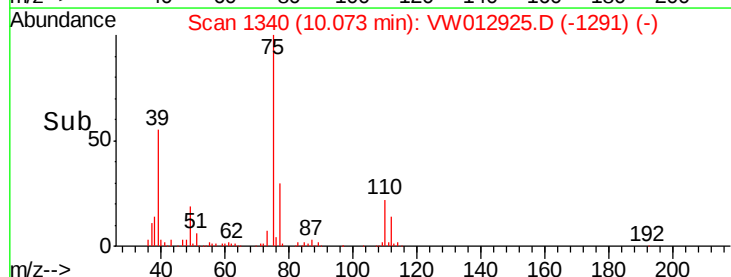
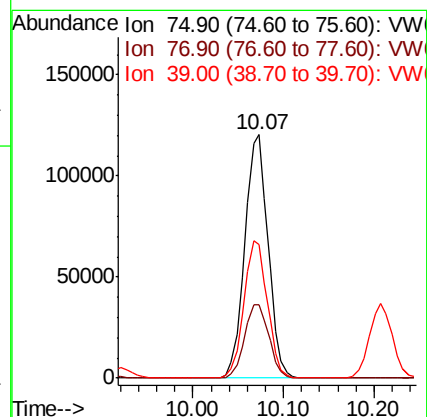
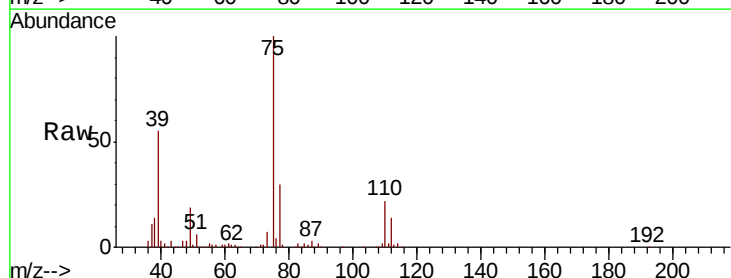
Tgt Ion: 75 Resp: 214074

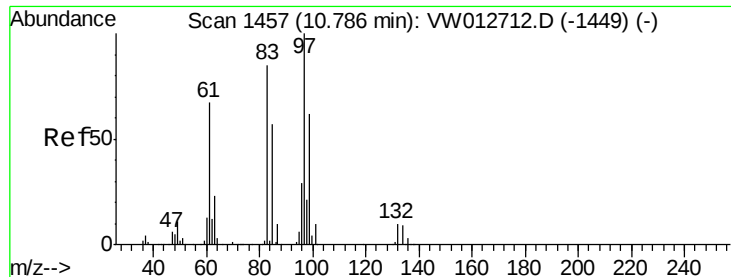
Ion Ratio Lower Upper

75 100

77 30.0 24.6 36.8

39 54.6 46.3 69.5

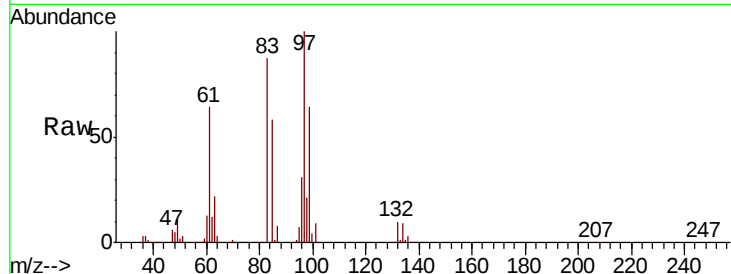




#55
 1,1,2-Trichloroethane
 Concen: 51.524 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012925.D
 Acq: 11 Sep 2019 19:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	98343
Ion	Ratio	Lower	Upper
97	100		
83	87.4	68.1	102.1
85	57.8	45.3	67.9
99	64.2	50.0	75.0



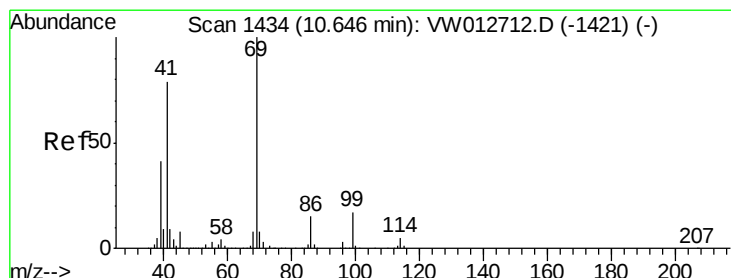
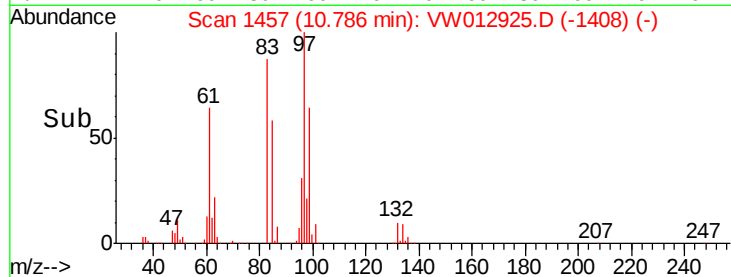
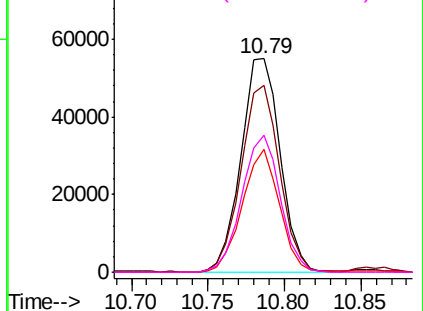
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

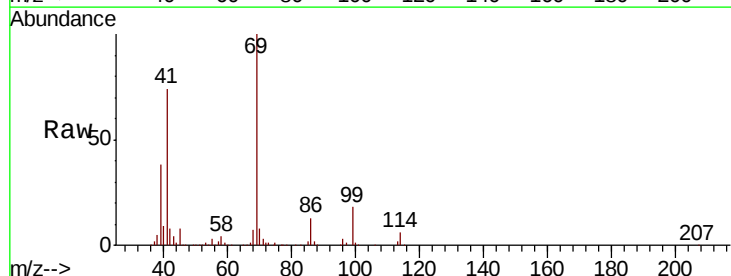
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 49.367 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012925.D
 Acq: 11 Sep 2019 19:23

Tgt Ion:	69	Resp:	137929
Ion	Ratio	Lower	Upper
69	100		
41	75.1	64.4	96.6
39	33.5	31.1	46.7

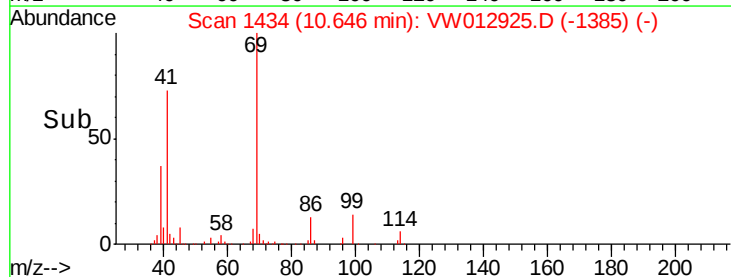
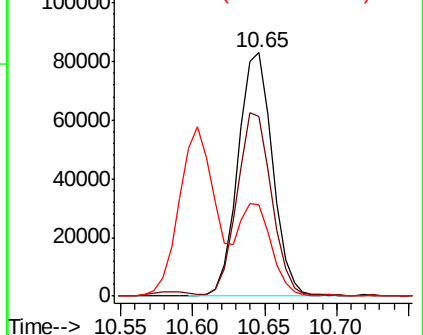


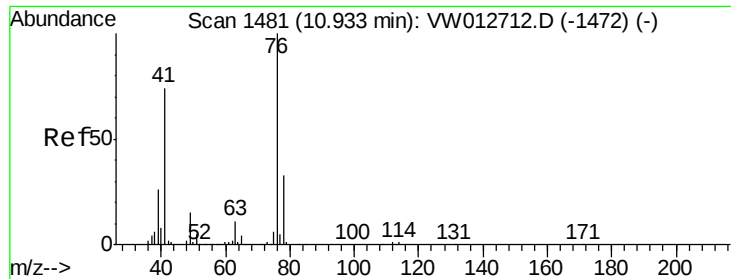
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

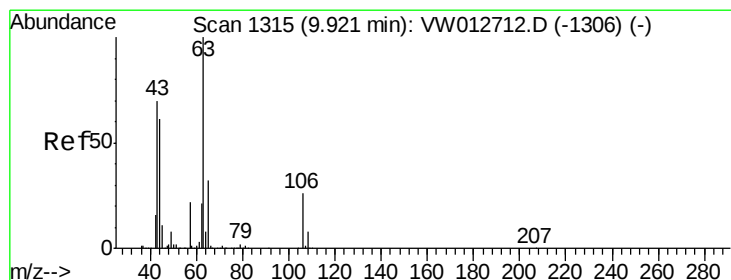
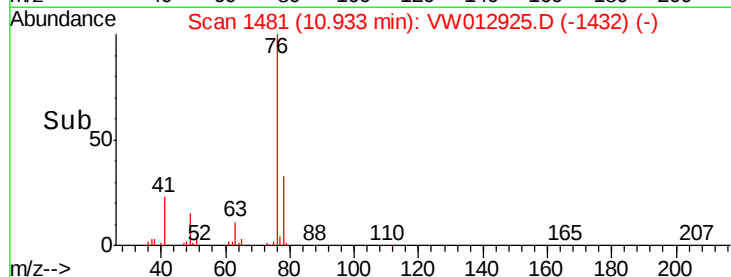
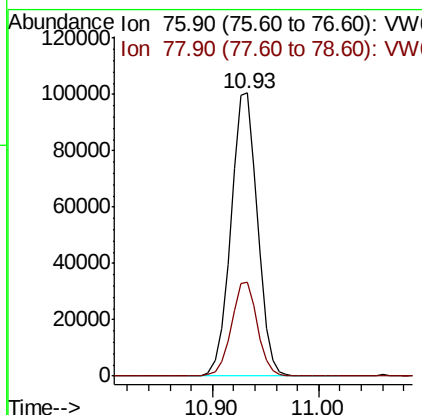
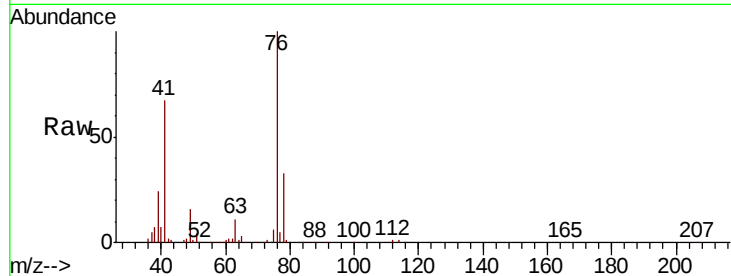




#57
 1,3-Dichloropropane
 Concen: 49.759 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012925.D
 Acq: 11 Sep 2019 19:23

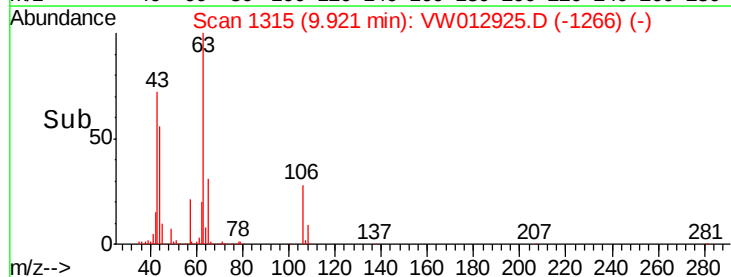
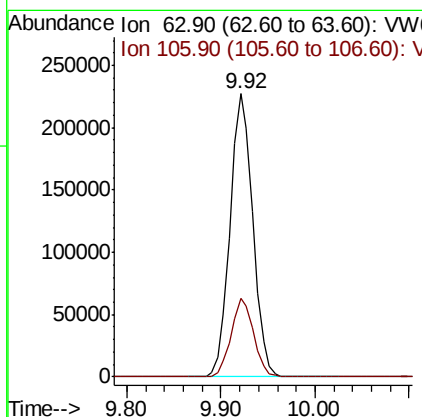
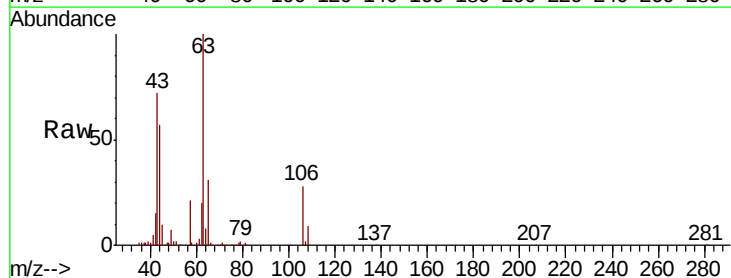
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

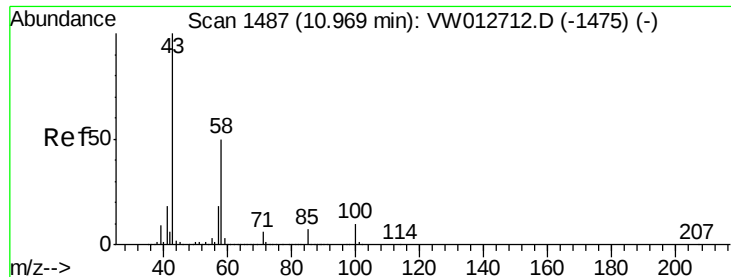
Tgt Ion: 76 Resp: 175701
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 255.965 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012925.D
 Acq: 11 Sep 2019 19:23

Tgt Ion: 63 Resp: 379661
 Ion Ratio Lower Upper
 63 100
 106 27.5 20.5 30.7

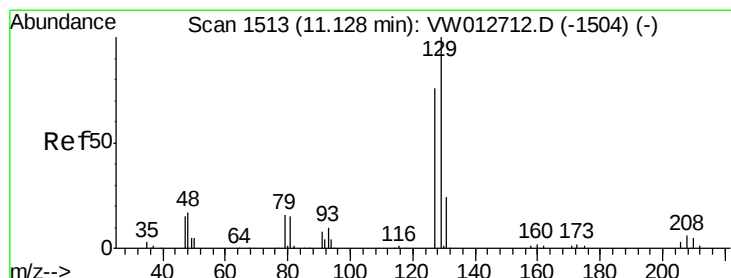
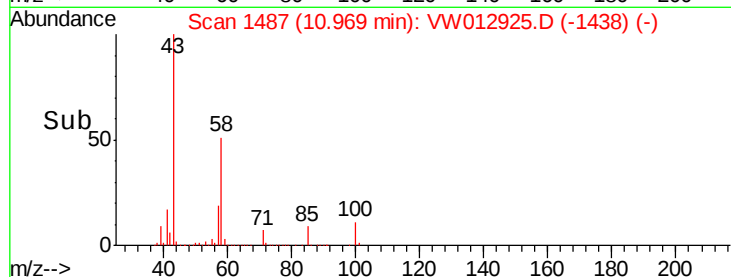
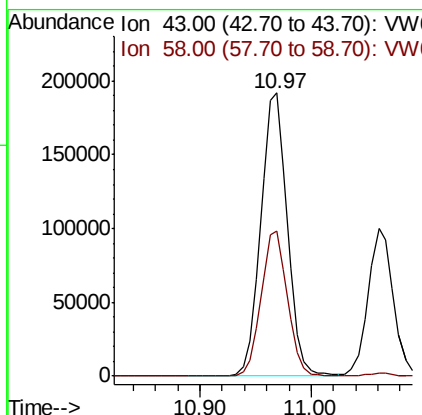
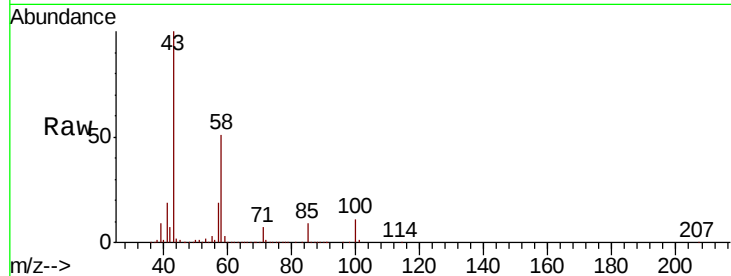




#59
2-Hexanone
Concen: 197.137 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012925.D
Acq: 11 Sep 2019 19:23

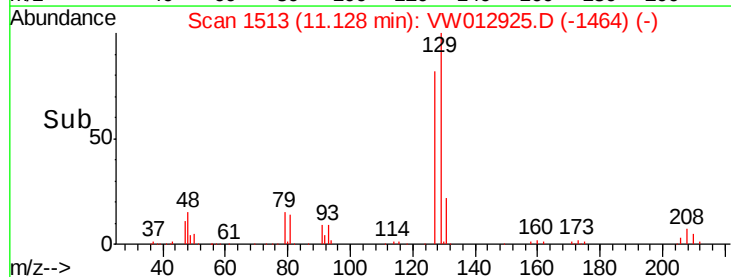
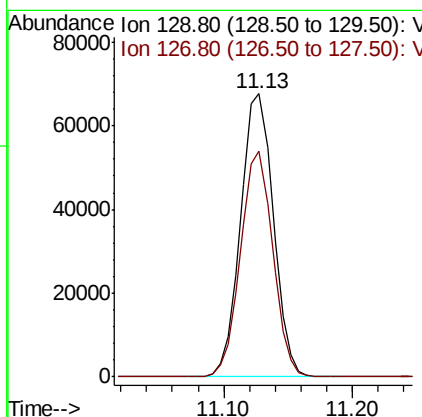
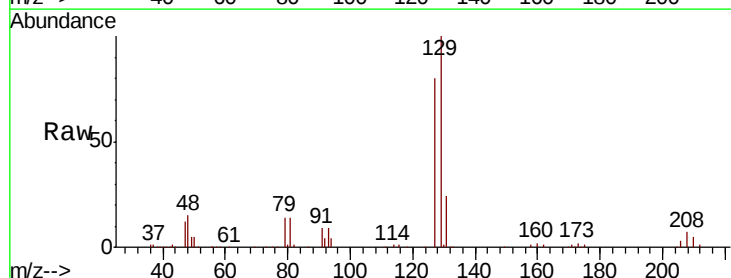
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

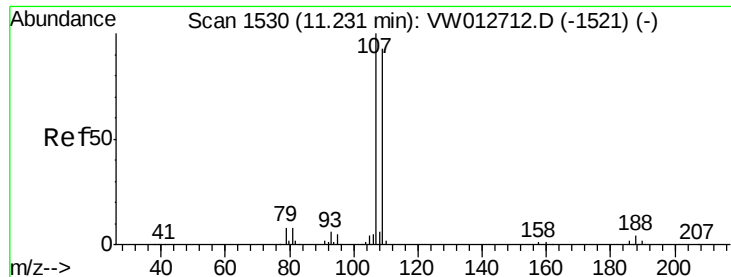
Tgt Ion: 43 Resp: 319336
Ion Ratio Lower Upper
43 100
58 50.8 24.7 74.1



#60
Dibromochloromethane
Concen: 53.175 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012925.D
Acq: 11 Sep 2019 19:23

Tgt Ion: 129 Resp: 119366
Ion Ratio Lower Upper
129 100
127 78.4 38.6 115.8

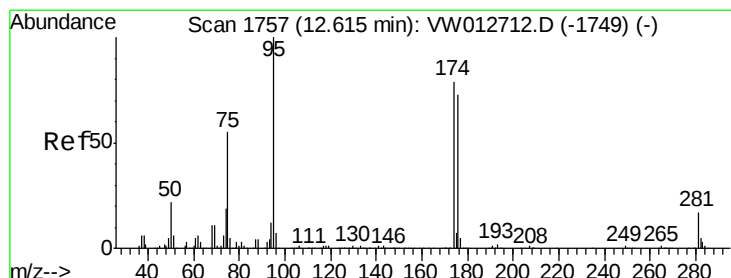
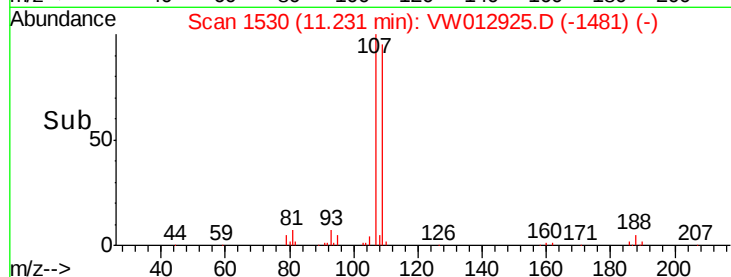
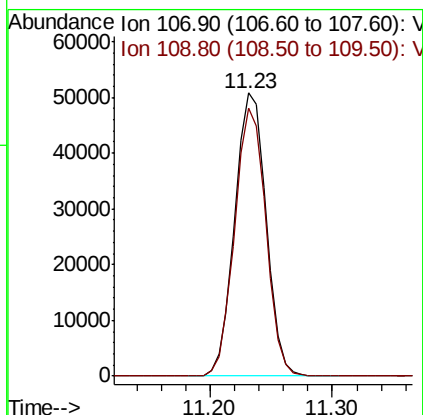
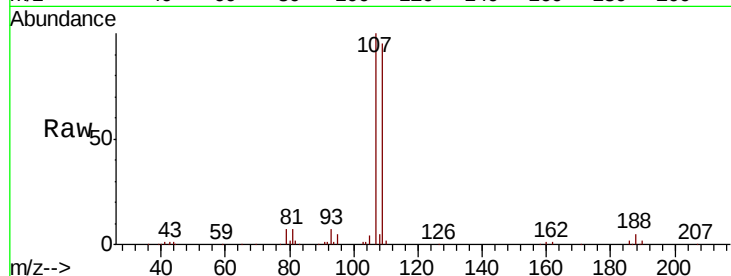




#61
 1,2-Dibromoethane
 Concen: 51.543 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW012925.D
 Acq: 11 Sep 2019 19:23

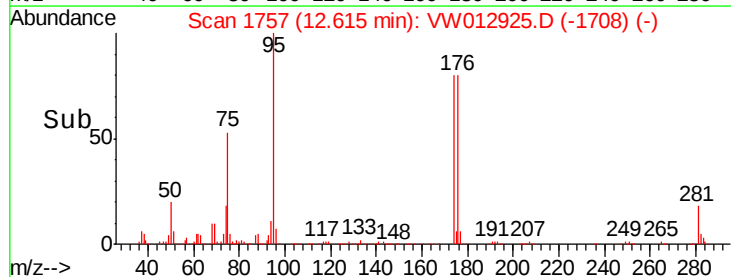
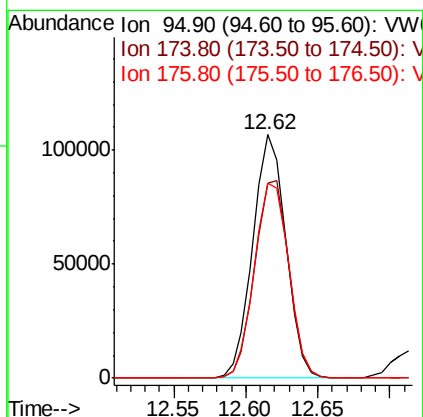
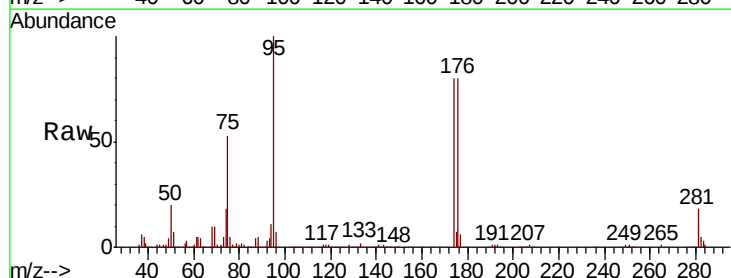
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

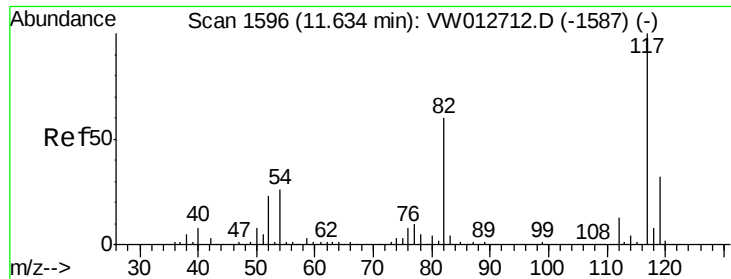
Tgt Ion: 107 Resp: 90195
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 51.000 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012925.D
 Acq: 11 Sep 2019 19:23

Tgt Ion: 95 Resp: 169808
 Ion Ratio Lower Upper
 95 100
 174 83.6 0.0 161.0
 176 83.5 0.0 156.4

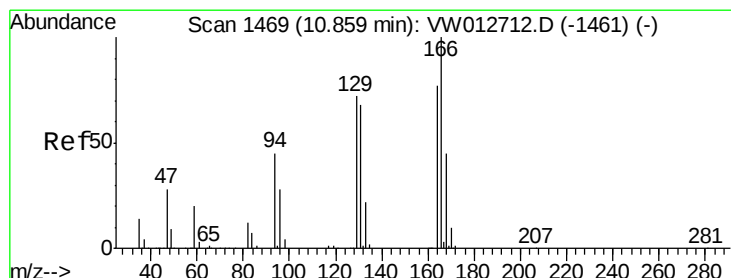
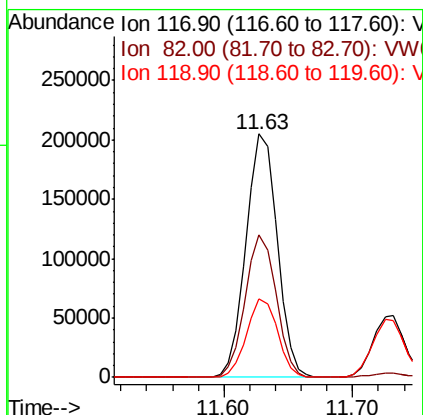
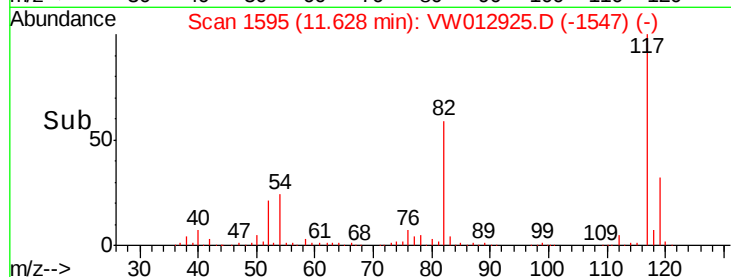
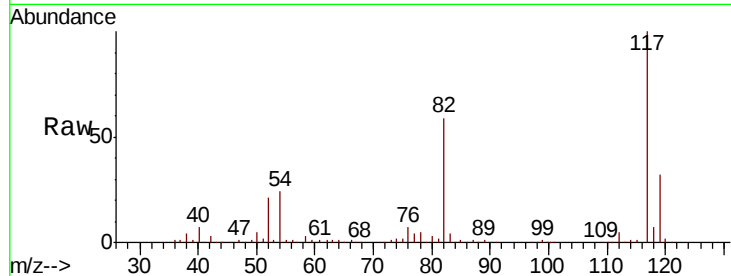




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012925.D
Acq: 11 Sep 2019 19:23

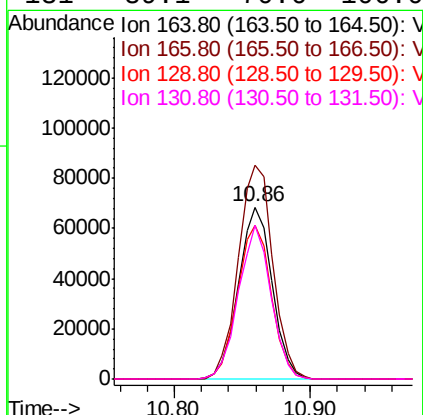
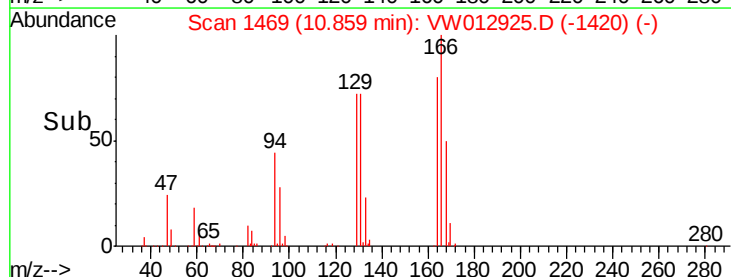
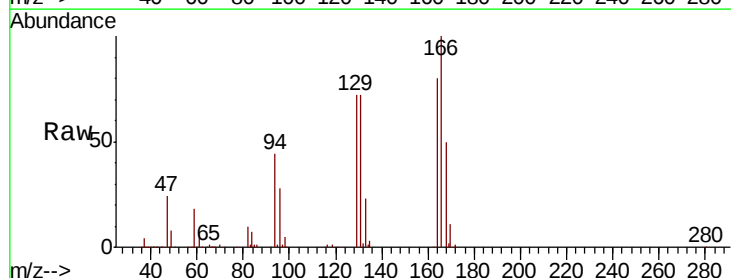
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

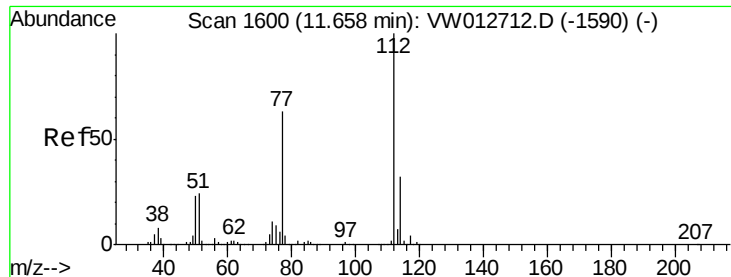
Tgt Ion:117 Resp: 344624
Ion Ratio Lower Upper
117 100
82 58.6 48.2 72.4
119 32.4 25.8 38.6



#64
Tetrachloroethene
Concen: 56.495 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012925.D
Acq: 11 Sep 2019 19:23

Tgt Ion:164 Resp: 118137
Ion Ratio Lower Upper
164 100
166 124.3 103.6 155.4
129 89.6 74.6 112.0
131 89.1 70.6 106.0





#65

Chlorobenzene

Concen: 54.986 ug/l

RT: 11.65 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VW012925.D

Acq: 11 Sep 2019 19:23

Instrument :

MSVOA_W

ClientSampleId :

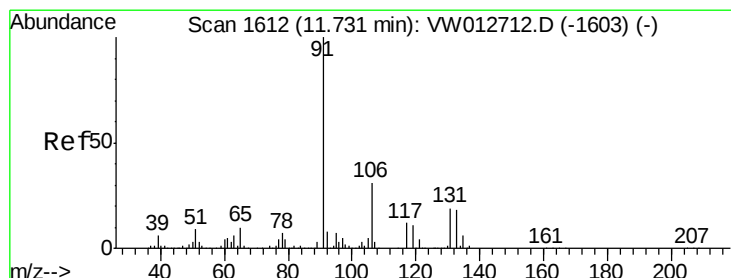
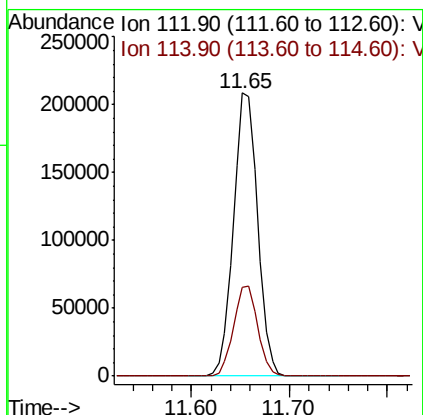
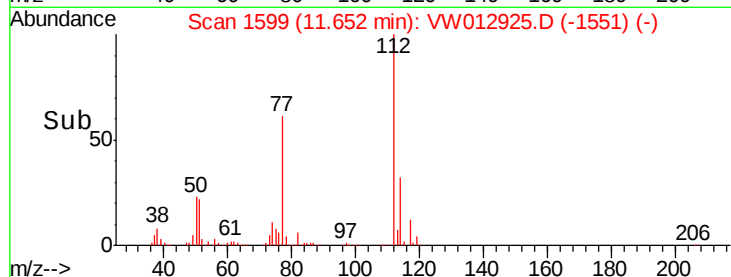
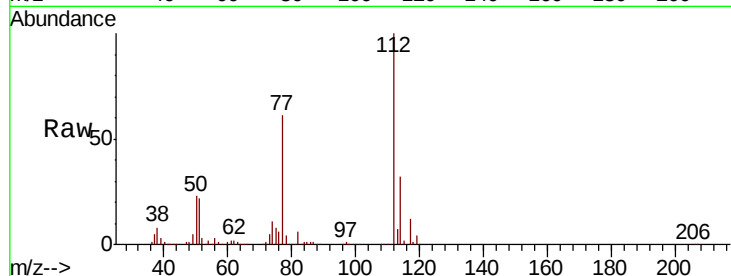
VSTDCCC050EC

Tgt Ion:112 Resp: 358152

Ion Ratio Lower Upper

112 100

114 31.6 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 56.022 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW012925.D

Acq: 11 Sep 2019 19:23

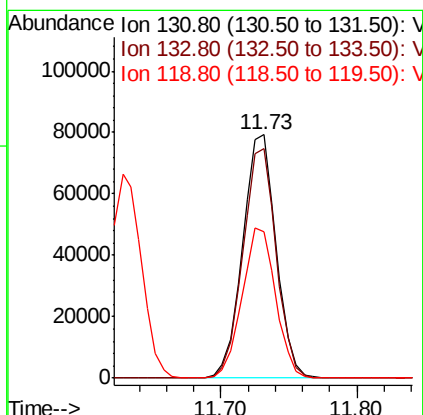
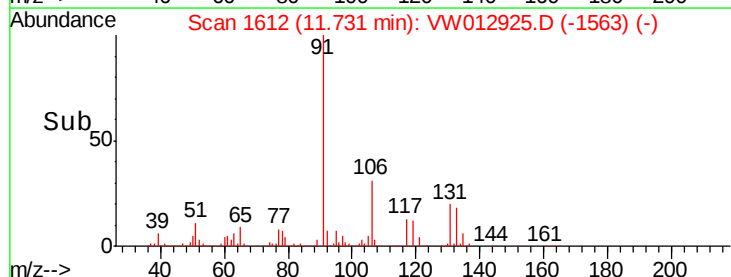
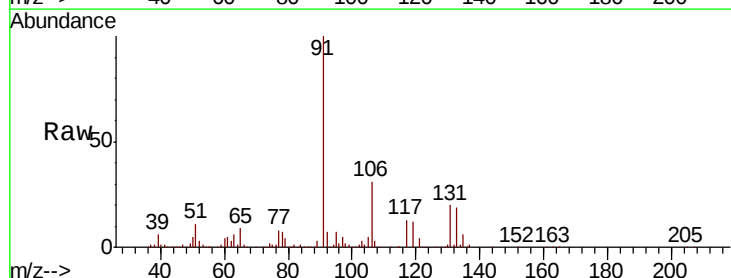
Tgt Ion:131 Resp: 135890

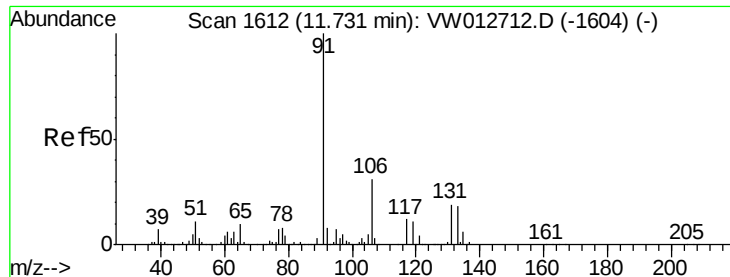
Ion Ratio Lower Upper

131 100

133 94.2 47.6 142.8

119 62.0 30.6 92.0

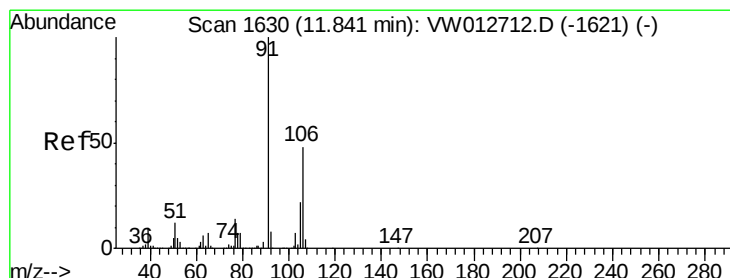
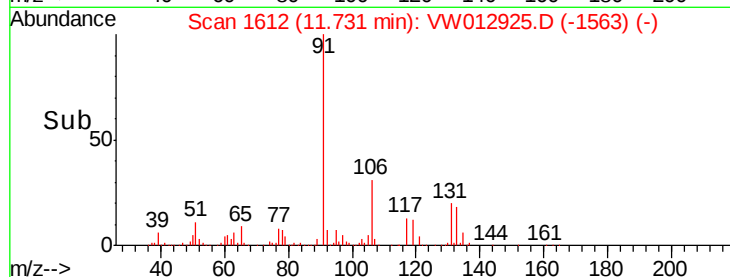
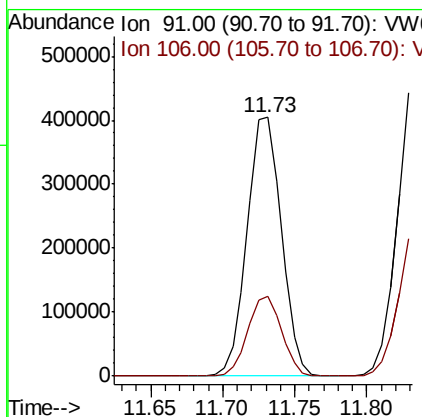
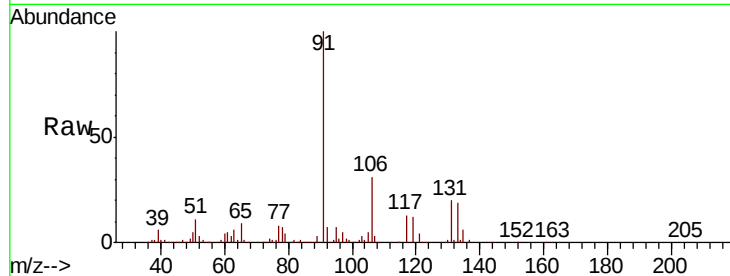




#67
Ethyl Benzene
Concen: 54.643 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012925.D
Acq: 11 Sep 2019 19:23

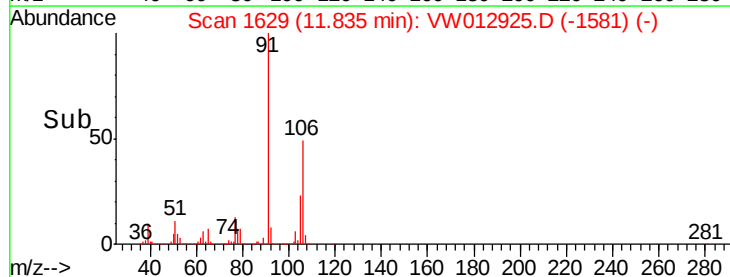
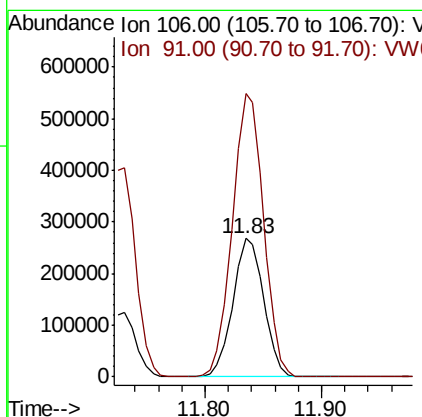
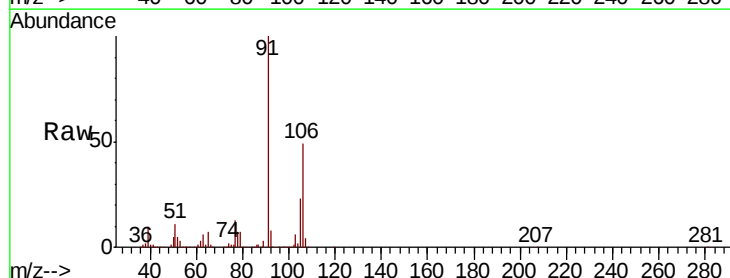
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

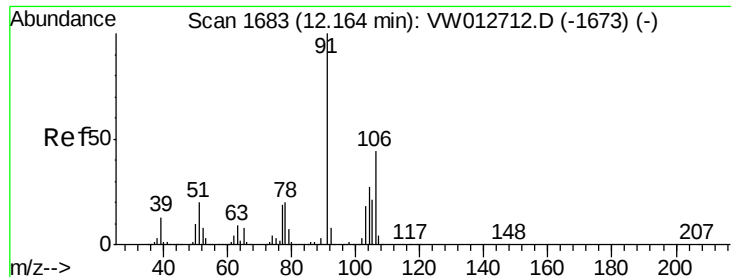
Tgt Ion: 91 Resp: 667788
Ion Ratio Lower Upper
91 100
106 30.7 24.4 36.6



#68
m/p-Xylenes
Concen: 112.064 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012925.D
Acq: 11 Sep 2019 19:23

Tgt Ion: 106 Resp: 494336
Ion Ratio Lower Upper
106 100
91 206.7 168.2 252.4

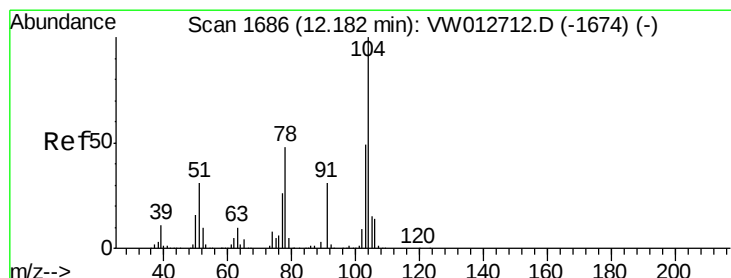
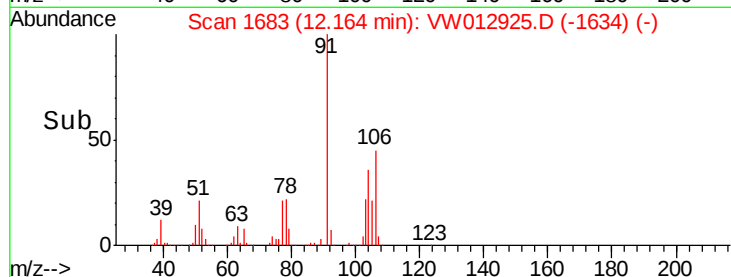
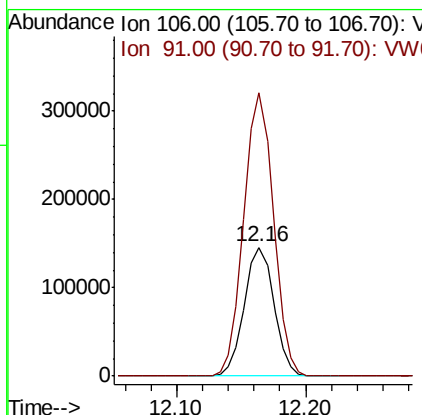
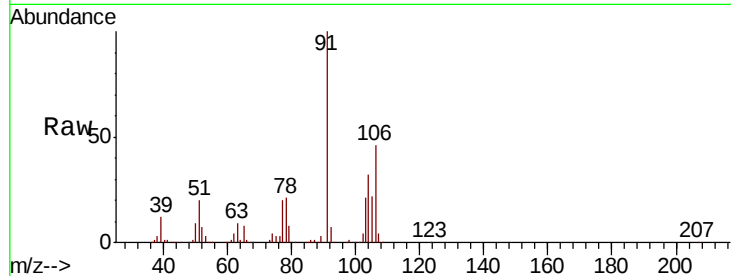




#69
o-Xylene
Concen: 55.713 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012925.D
Acq: 11 Sep 2019 19:23

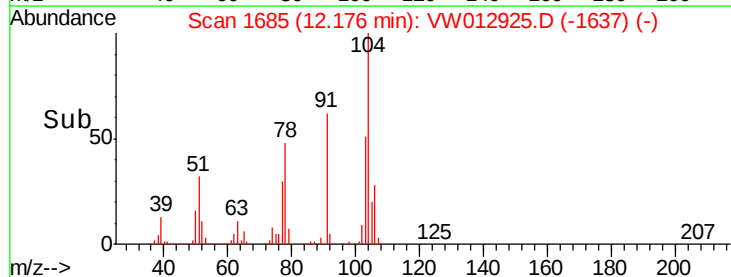
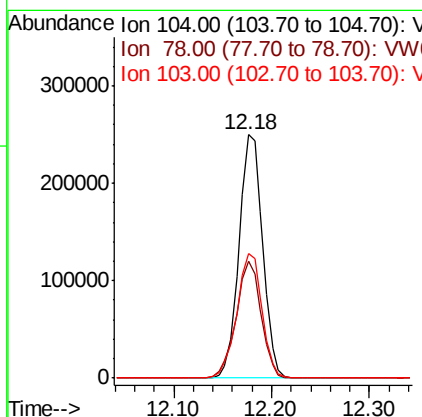
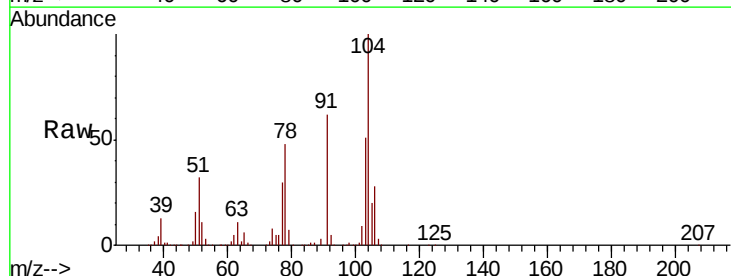
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

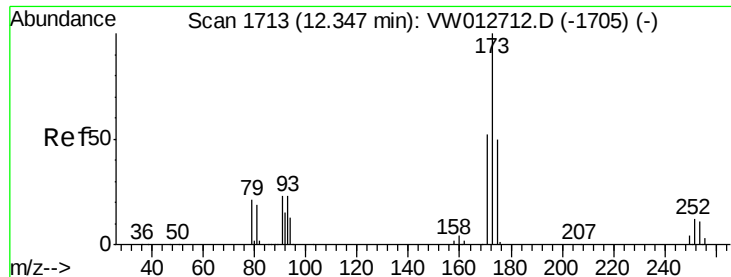
Tgt Ion:106 Resp: 231859
Ion Ratio Lower Upper
106 100
91 220.7 112.3 336.8



#70
Styrene
Concen: 56.919 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW012925.D
Acq: 11 Sep 2019 19:23

Tgt Ion:104 Resp: 418576
Ion Ratio Lower Upper
104 100
78 51.0 43.3 64.9
103 54.6 44.0 66.0





#71

Bromoform

Concen: 51.511 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012925.D

Acq: 11 Sep 2019 19:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

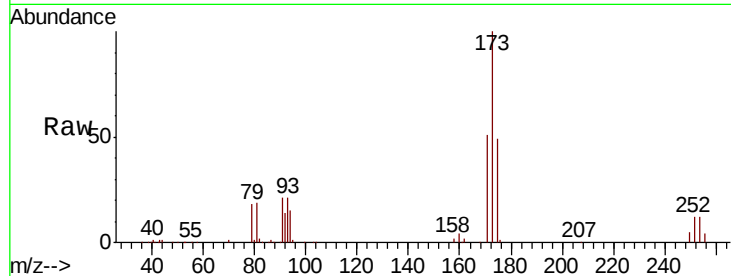
Tgt Ion:173 Resp: 69419

Ion Ratio Lower Upper

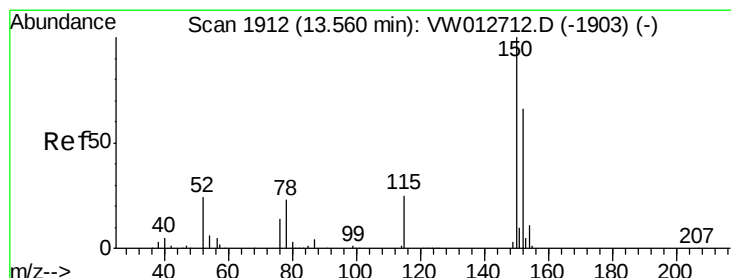
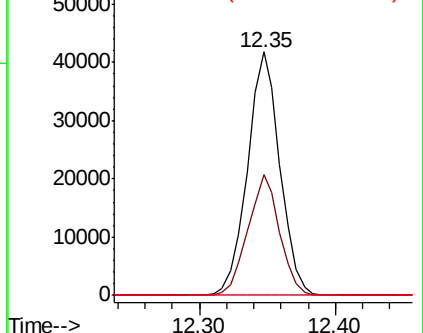
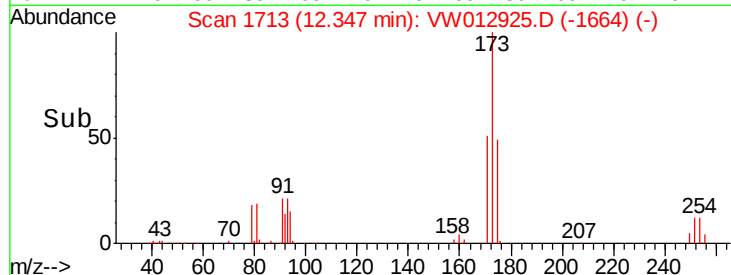
173 100

175 48.5 24.8 74.3

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012925.D

Acq: 11 Sep 2019 19:23

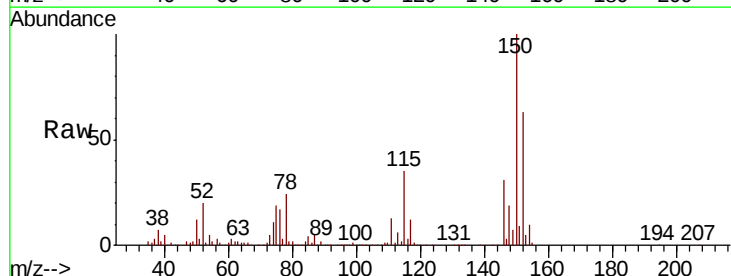
Tgt Ion:152 Resp: 171495

Ion Ratio Lower Upper

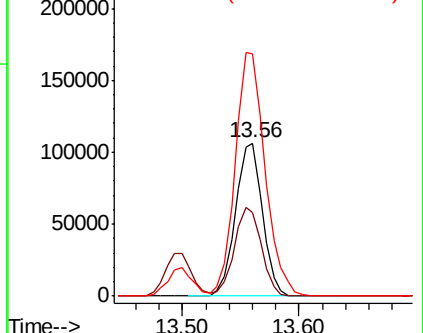
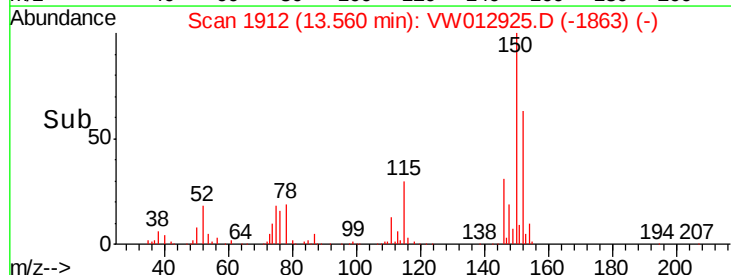
152 100

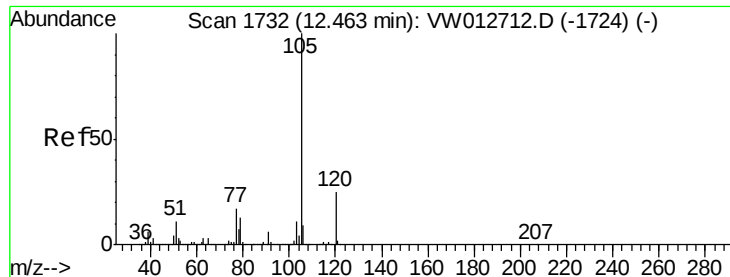
115 58.5 30.0 90.1

150 176.3 0.0 349.0



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





#73

Isopropylbenzene

Concen: 54.766 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012925.D

Acq: 11 Sep 2019 19:23

Instrument :

MSVOA_W

ClientSampleId :

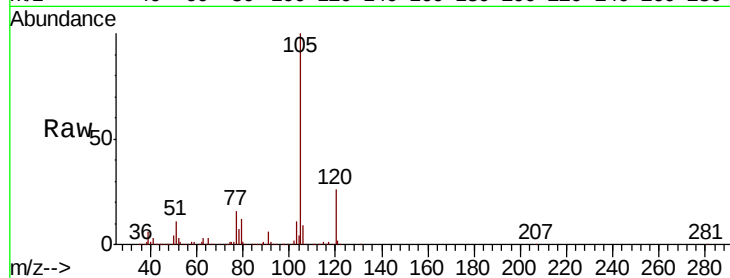
VSTDCCC050EC

Tgt Ion: 105 Resp: 673626

Ion Ratio Lower Upper

105 100

120 26.4 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

500000

400000

300000

200000

100000

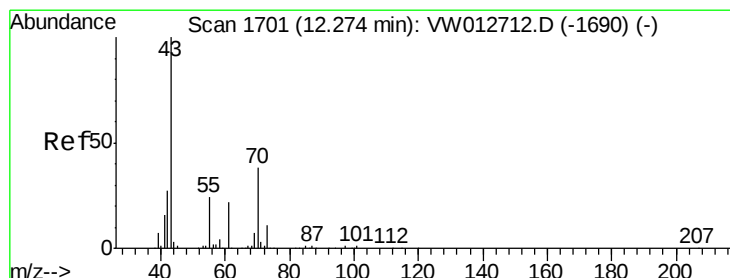
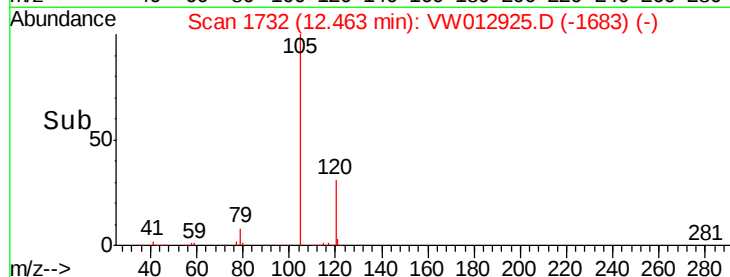
0

12.46

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 44.469 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012925.D

Acq: 11 Sep 2019 19:23

Tgt Ion: 43 Resp: 173617

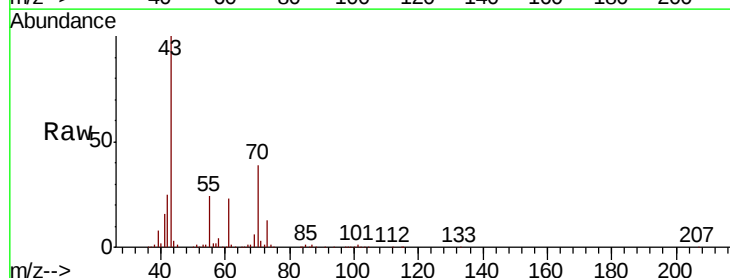
Ion Ratio Lower Upper

43 100

70 39.0 29.4 44.0

55 23.7 18.6 27.8

61 23.7 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

150000

100000

50000

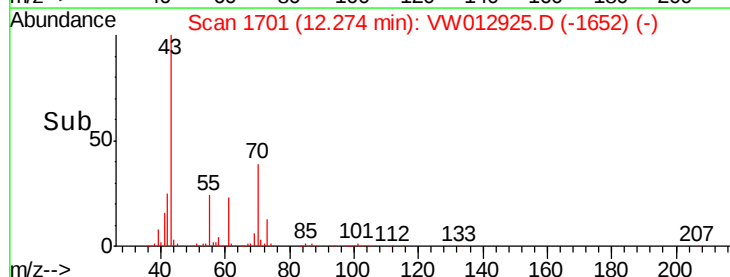
0

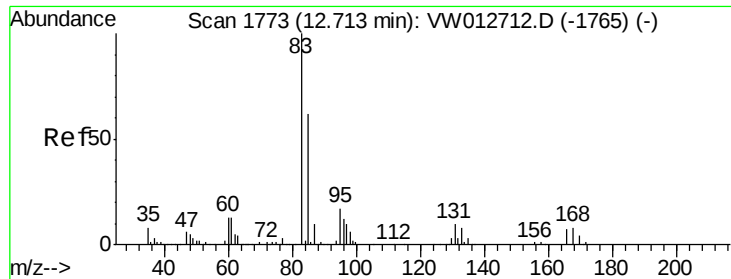
12.27

12.20

12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 45.449 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012925.D

Acq: 11 Sep 2019 19:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

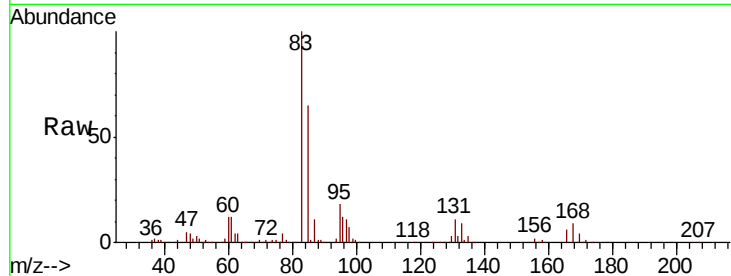
Tgt Ion: 83 Resp: 112270

Ion Ratio Lower Upper

83 100

131 10.9 5.1 15.4

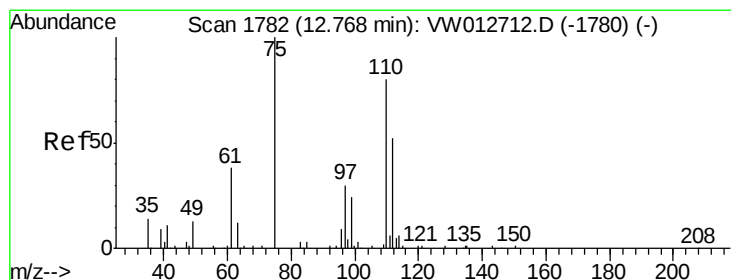
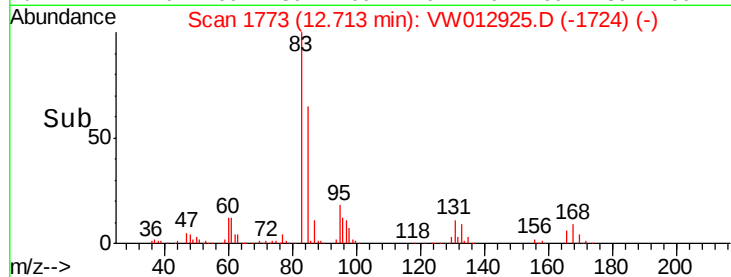
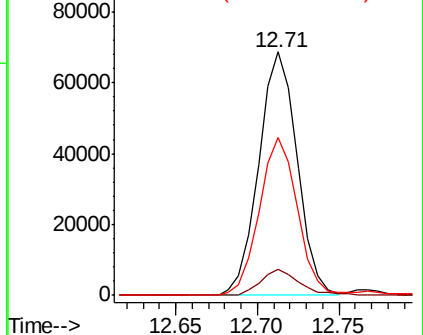
85 64.6 31.4 94.2



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: 83.906 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012925.D

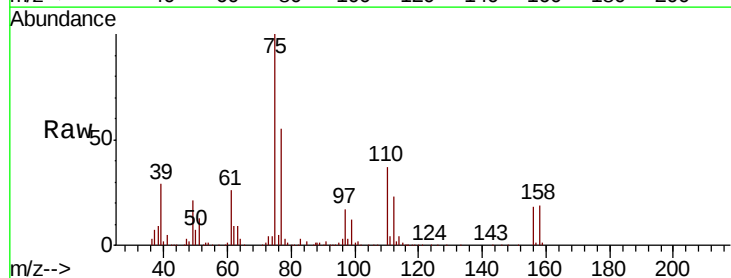
Acq: 11 Sep 2019 19:23

Tgt Ion: 75 Resp: 147138

Ion Ratio Lower Upper

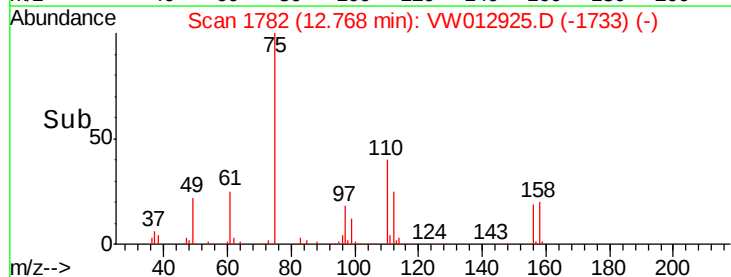
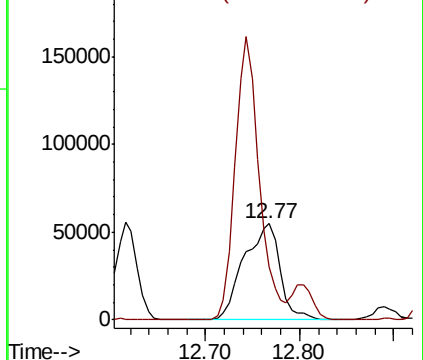
75 100

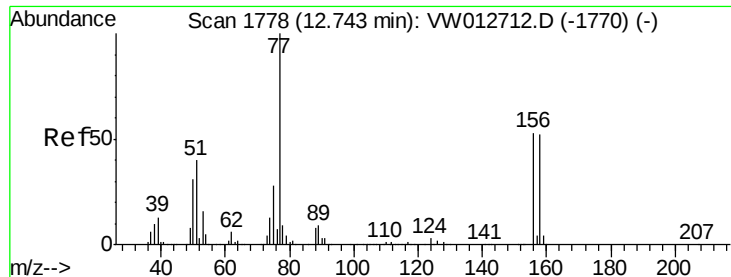
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 55.197 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW012925.D

Acq: 11 Sep 2019 19:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

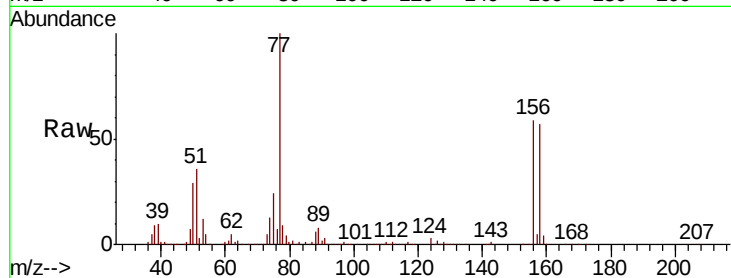
Tgt Ion:156 Resp: 153818

Ion Ratio Lower Upper

156 100

77 187.3 102.3 306.9

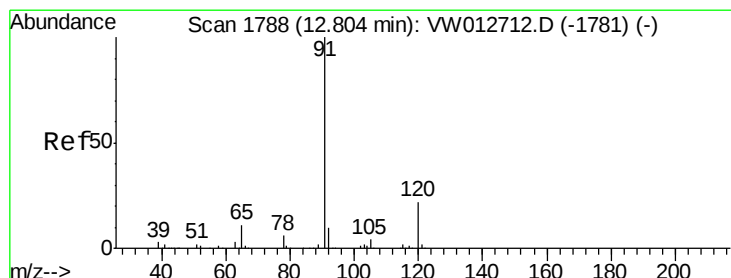
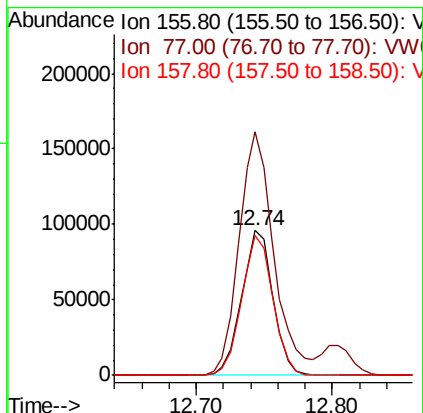
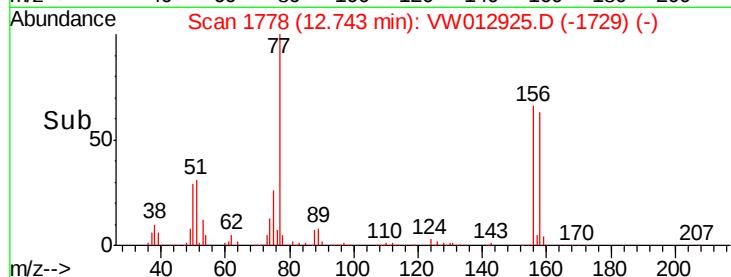
158 96.5 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.936 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012925.D

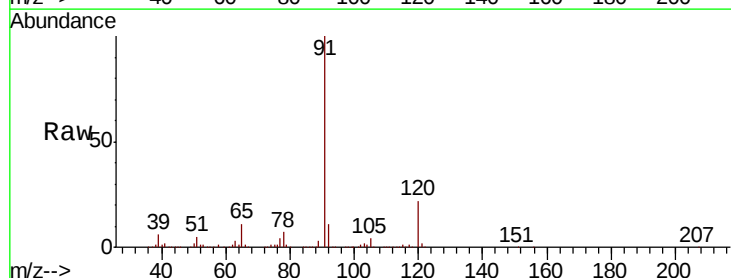
Acq: 11 Sep 2019 19:23

Tgt Ion: 91 Resp: 793440

Ion Ratio Lower Upper

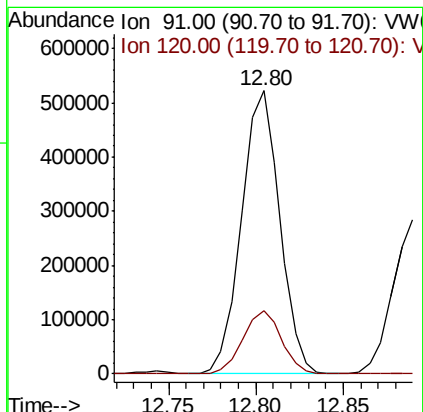
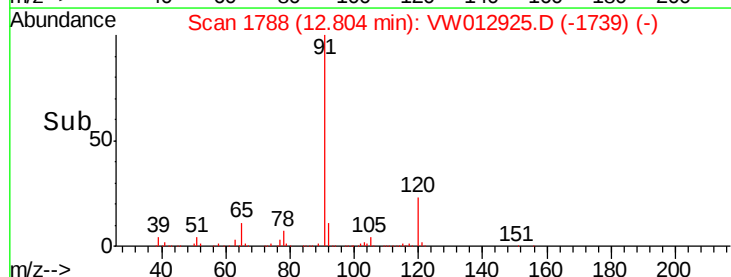
91 100

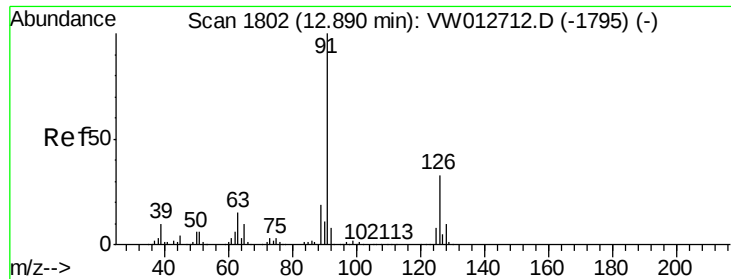
120 22.4 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.543 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012925.D

Acq: 11 Sep 2019 19:23

Instrument :

MSVOA_W

ClientSampleId :

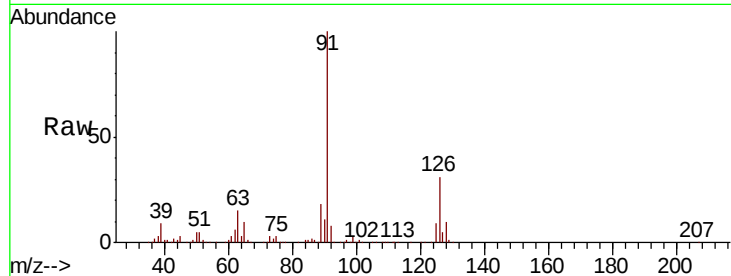
VSTDCCC050EC

Tgt Ion: 91 Resp: 452181

Ion Ratio Lower Upper

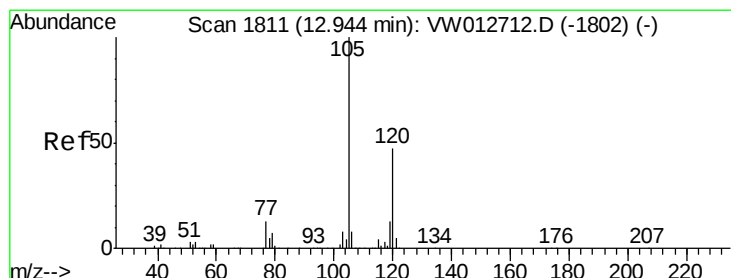
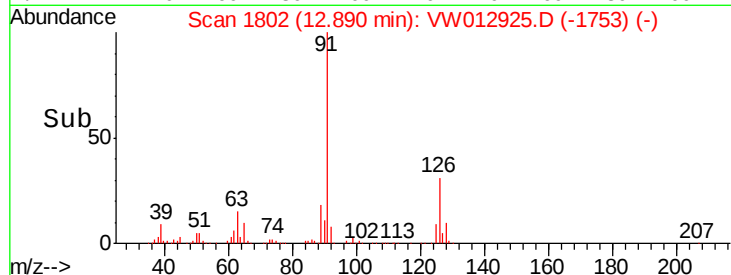
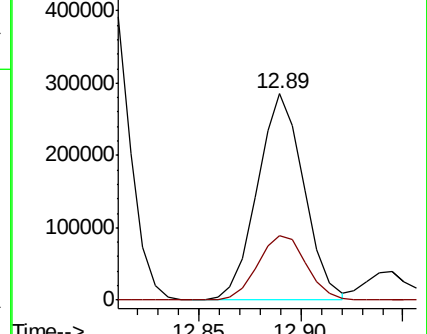
91 100

126 32.7 16.1 48.3



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: 54.883 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012925.D

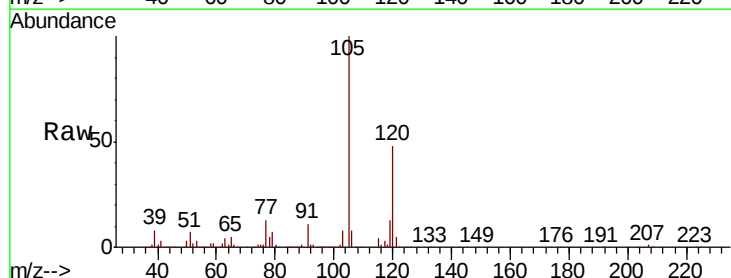
Acq: 11 Sep 2019 19:23

Tgt Ion: 105 Resp: 568842

Ion Ratio Lower Upper

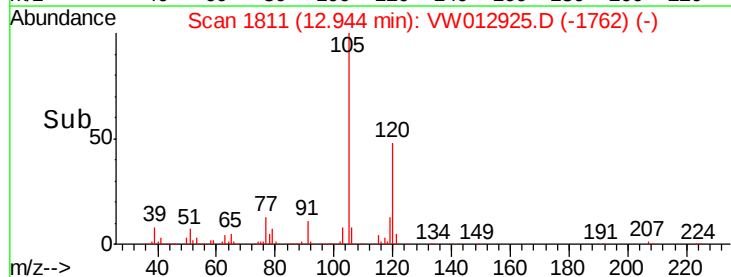
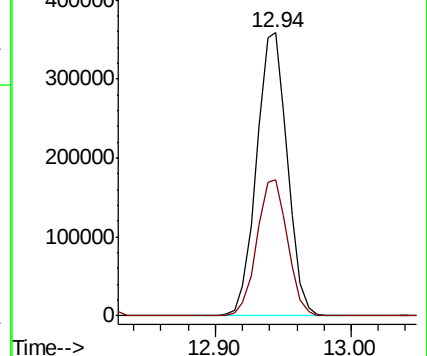
105 100

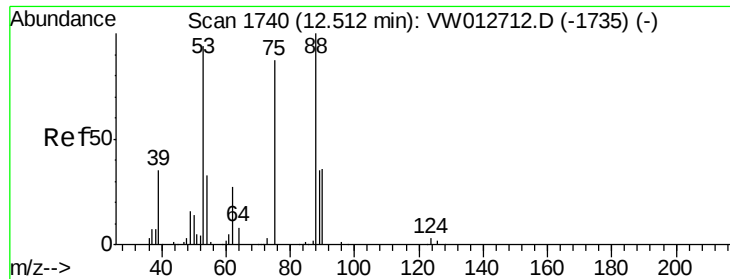
120 48.0 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

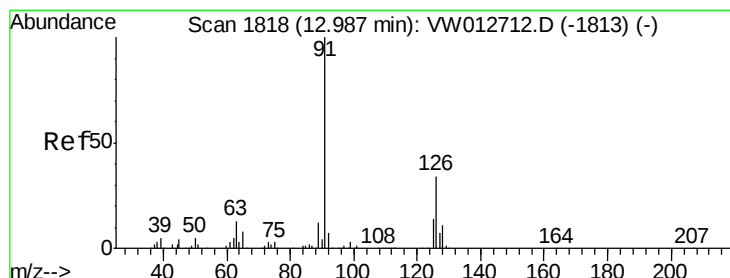
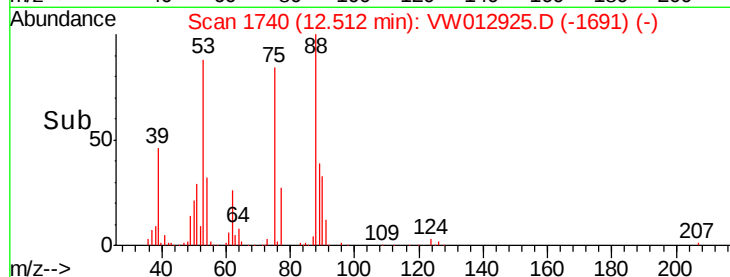
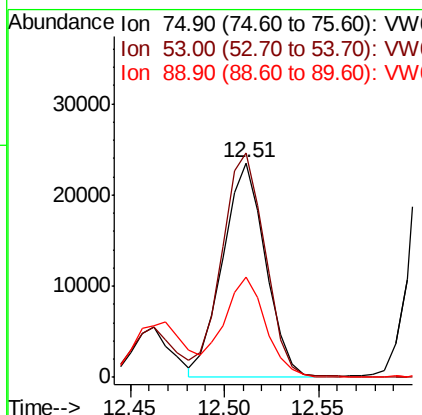
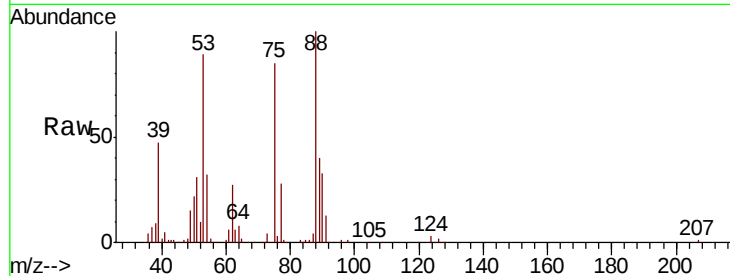




#81
trans-1,4-Dichloro-2-butene
Concen: 44.889 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012925.D
Acq: 11 Sep 2019 19:23

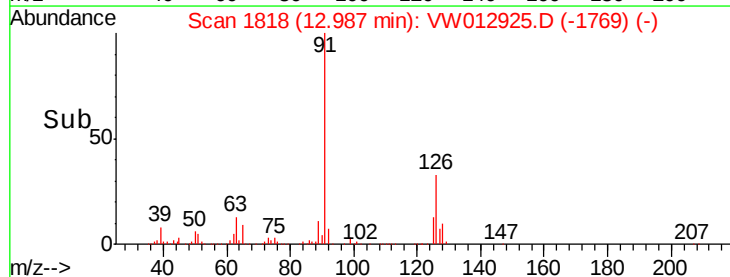
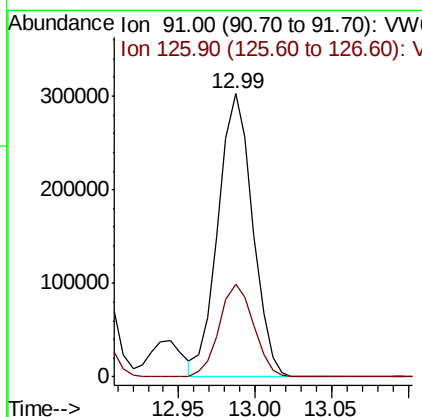
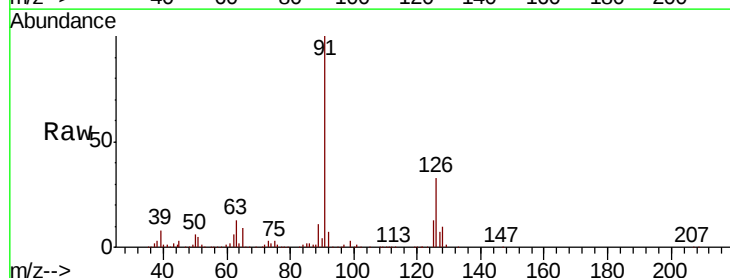
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

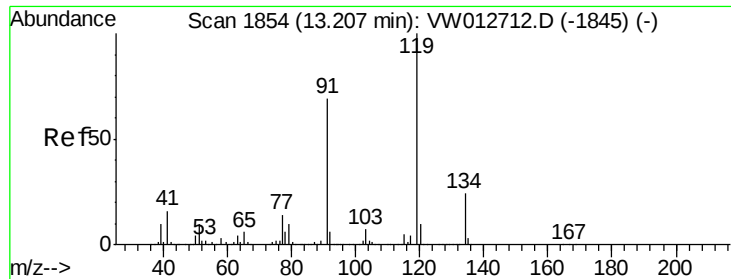
Tgt Ion: 75 Resp: 37218
Ion Ratio Lower Upper
75 100
53 106.0 87.6 131.4
89 45.6 35.5 53.3



#82
4-Chlorotoluene
Concen: 52.960 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012925.D
Acq: 11 Sep 2019 19:23

Tgt Ion: 91 Resp: 473087
Ion Ratio Lower Upper
91 100
126 32.8 15.9 47.6

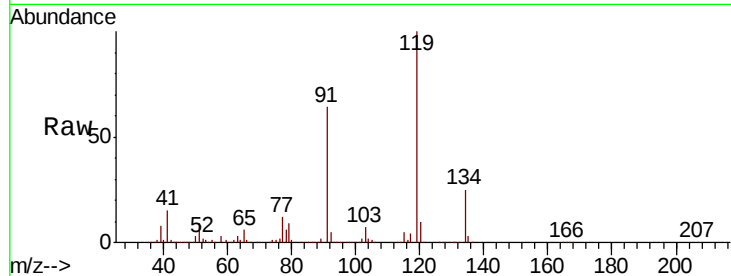




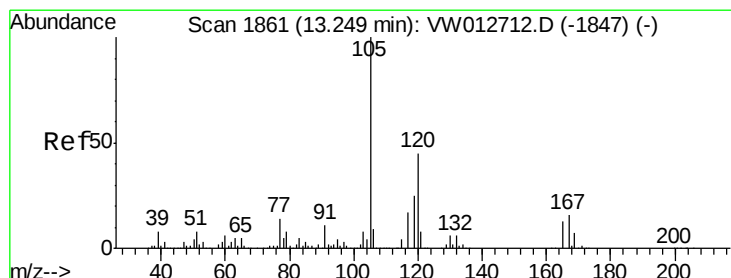
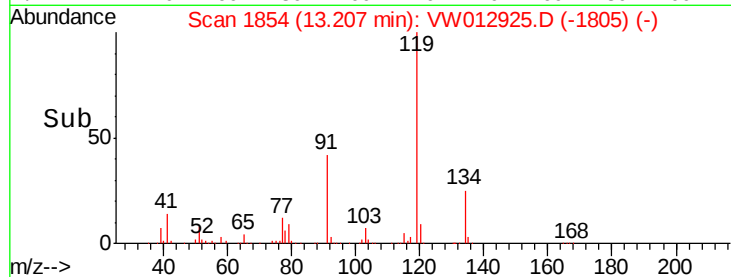
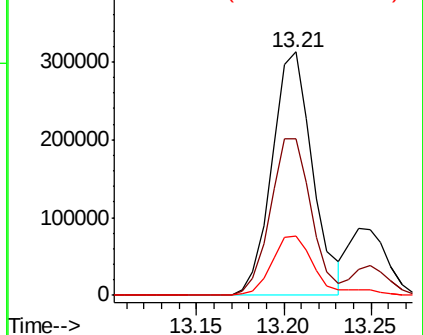
#83
tert-Butylbenzene
Concen: 55.157 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW012925.D
Acq: 11 Sep 2019 19:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 505481
Ion Ratio Lower Upper
119 100
91 65.0 34.2 102.5
134 24.8 12.3 36.9

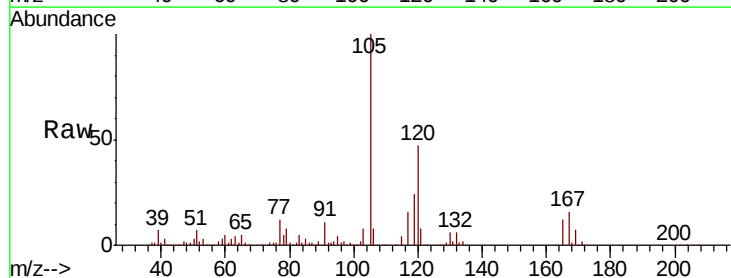


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VW
Ion 134.00 (133.70 to 134.70): V

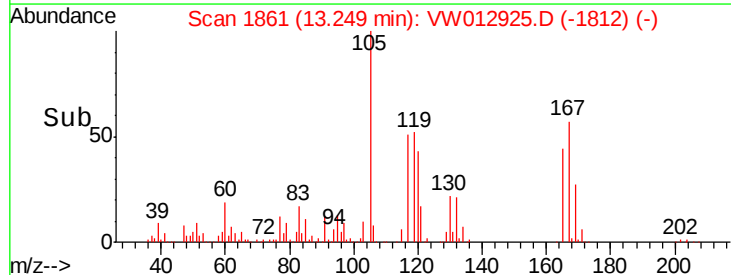
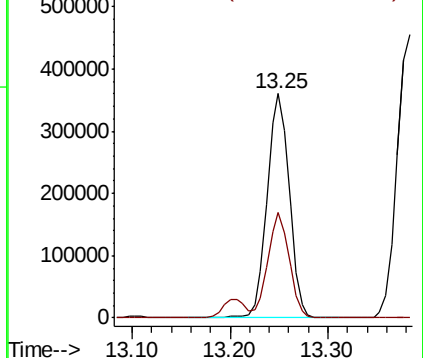


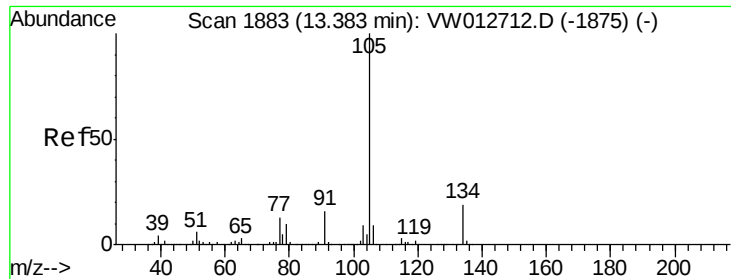
#84
1,2,4-Trimethylbenzene
Concen: 54.195 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW012925.D
Acq: 11 Sep 2019 19:23

Tgt Ion:105 Resp: 565996
Ion Ratio Lower Upper
105 100
120 45.2 22.1 66.3



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

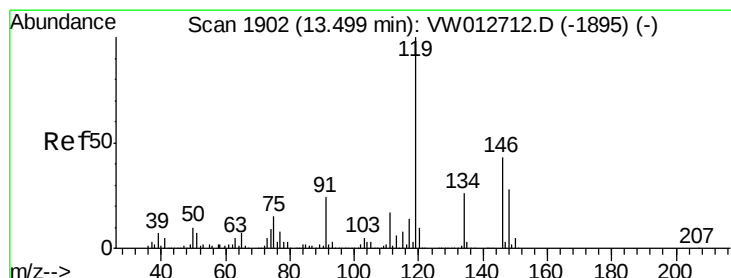
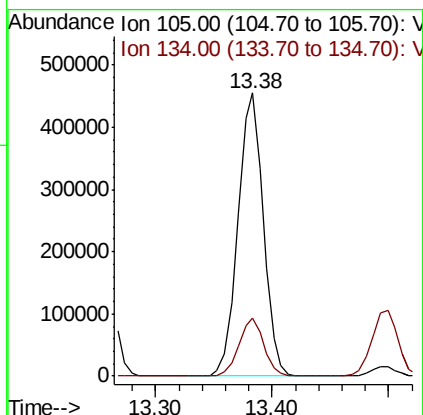
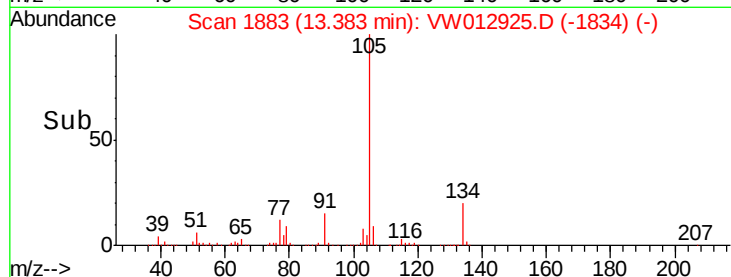
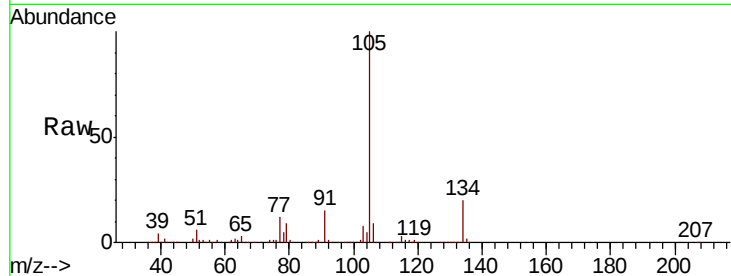




#85
 sec-Butylbenzene
 Concen: 54.256 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012925.D
 Acq: 11 Sep 2019 19:23

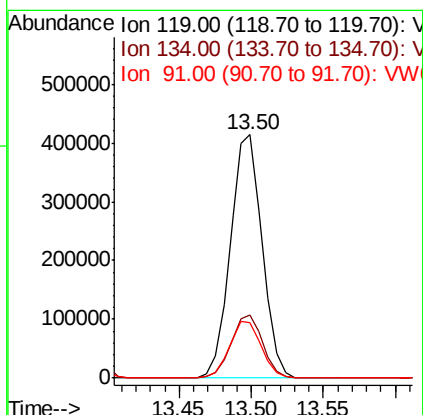
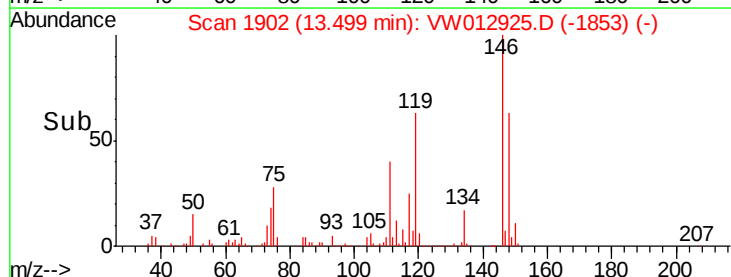
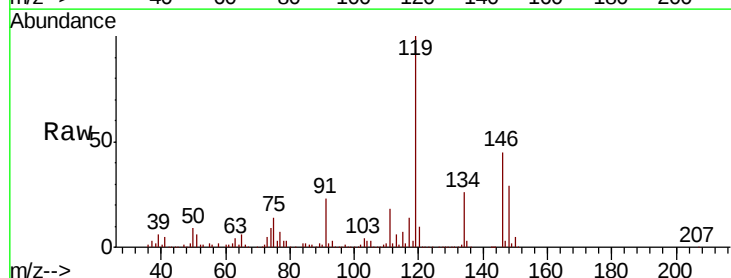
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

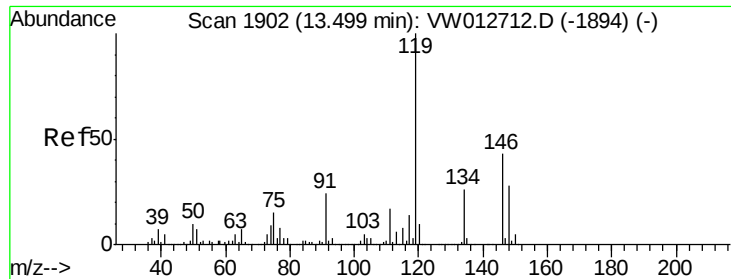
Tgt Ion:105 Resp: 689963
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 54.731 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012925.D
 Acq: 11 Sep 2019 19:23

Tgt Ion:119 Resp: 635748
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.7 38.1
 91 23.5 12.2 36.6

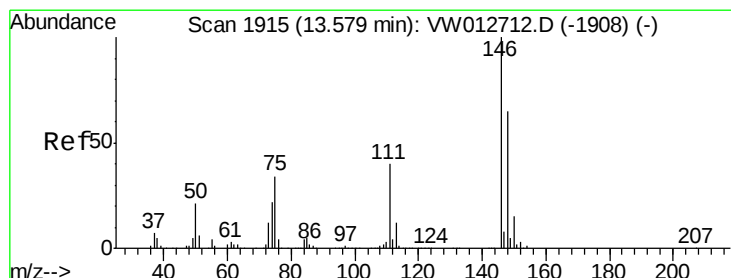
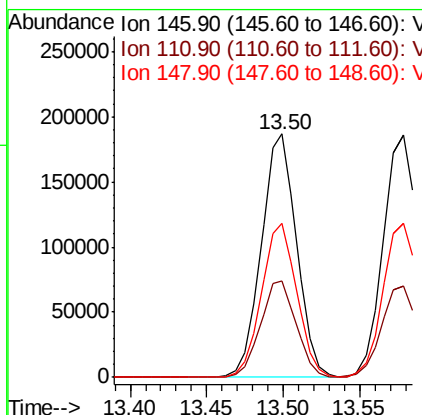
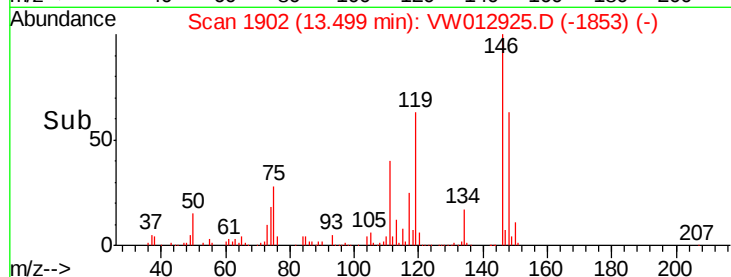
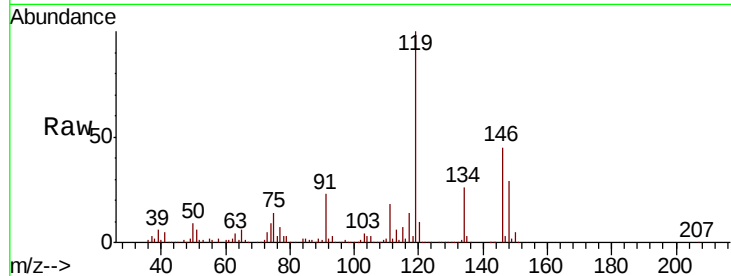




#87
 1,3-Dichlorobenzene
 Concen: 54.726 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012925.D
 Acq: 11 Sep 2019 19:23

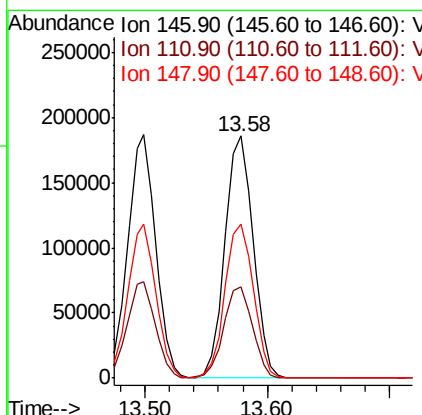
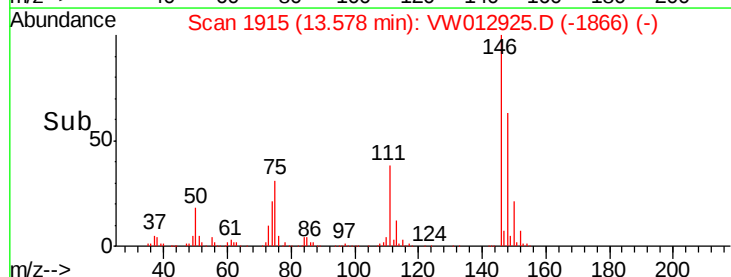
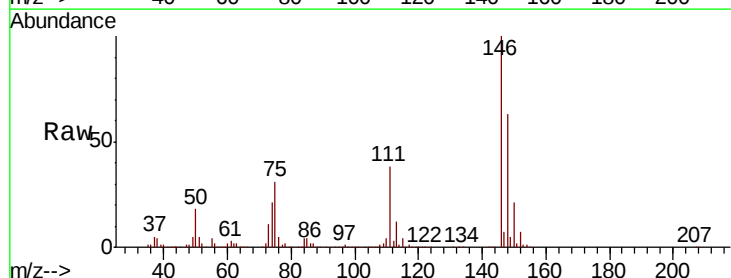
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

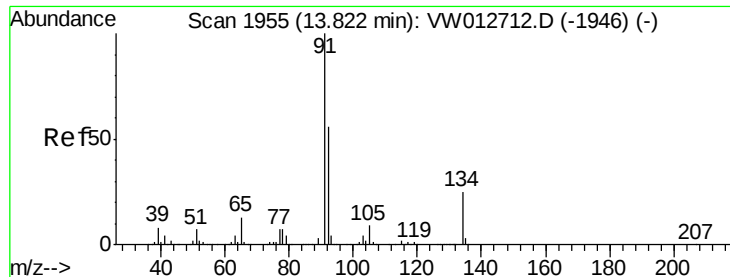
Tgt Ion:146 Resp: 299754
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.4 61.2
 148 63.2 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 54.422 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012925.D
 Acq: 11 Sep 2019 19:23

Tgt Ion:146 Resp: 296619
 Ion Ratio Lower Upper
 146 100
 111 38.4 20.0 60.0
 148 64.2 32.2 96.6





#89

n-Butylbenzene

Concen: 53.760 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012925.D

Acq: 11 Sep 2019 19:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

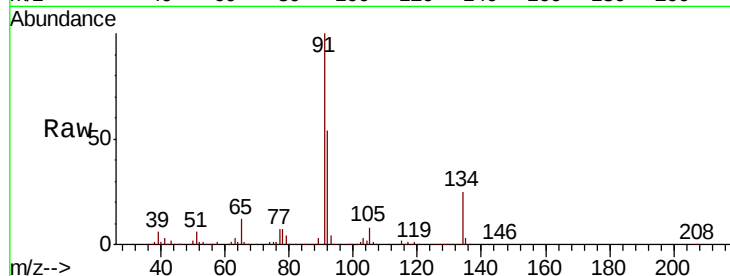
Tgt Ion: 91 Resp: 606255

Ion Ratio Lower Upper

91 100

92 53.6 27.2 81.5

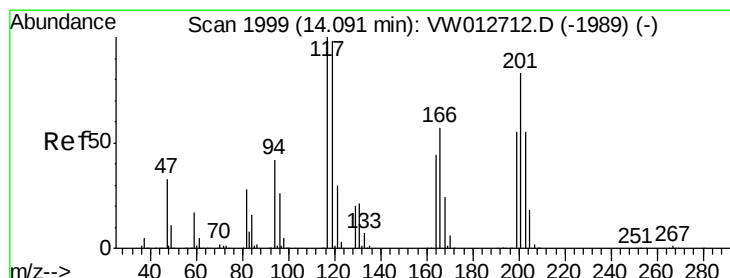
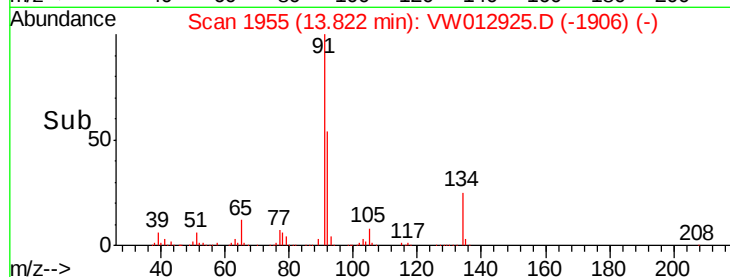
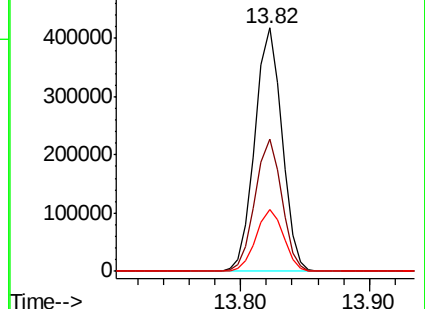
134 25.8 12.7 38.1



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: 54.307 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012925.D

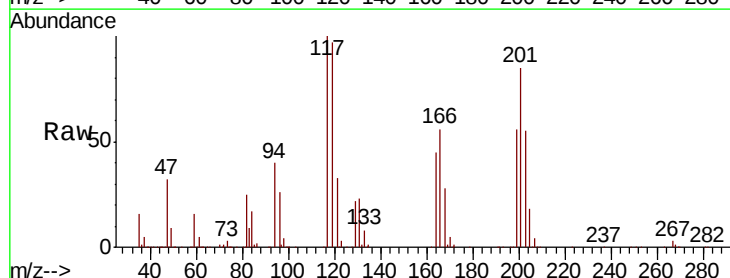
Acq: 11 Sep 2019 19:23

Tgt Ion: 117 Resp: 110124

Ion Ratio Lower Upper

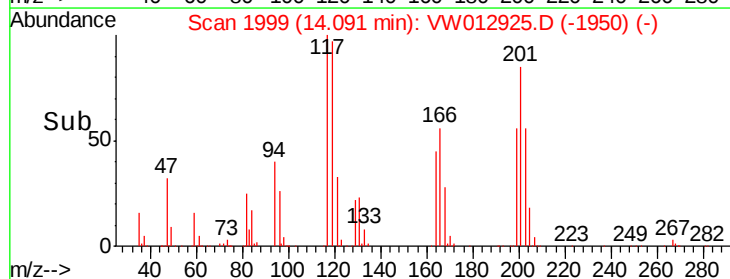
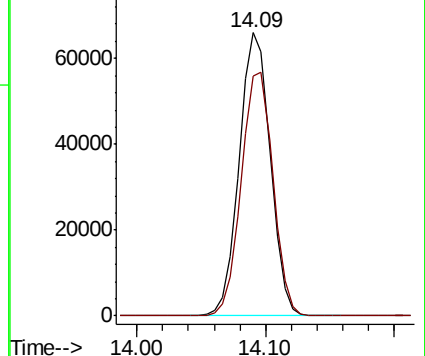
117 100

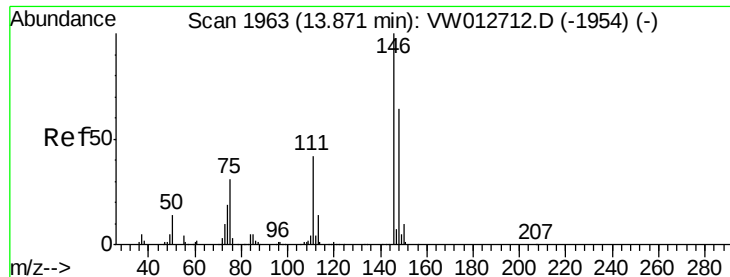
201 87.5 42.8 128.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

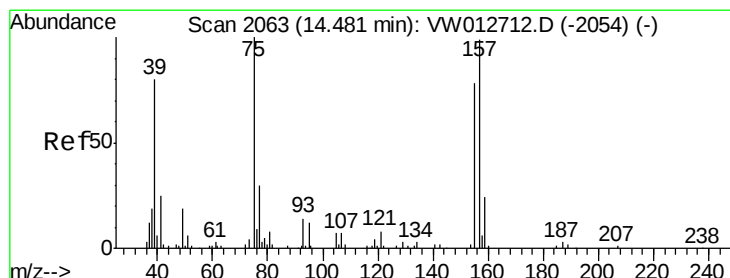
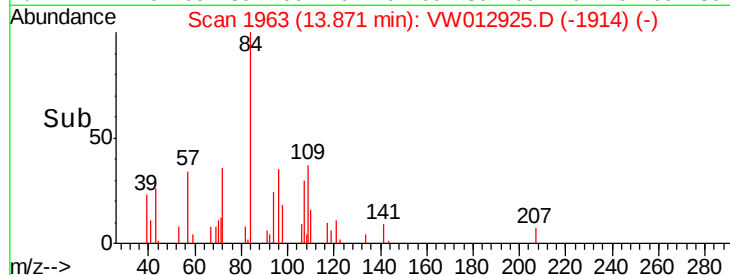
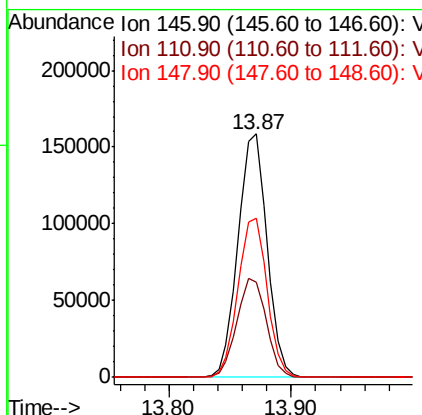
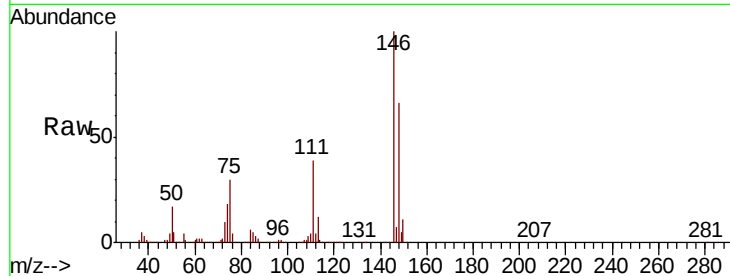




#91
 1,2-Dichlorobenzene
 Concen: 53.012 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012925.D
 Acq: 11 Sep 2019 19:23

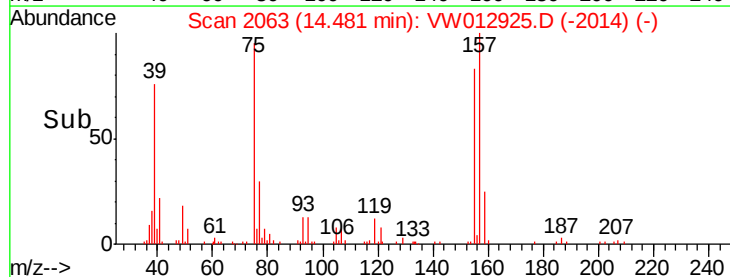
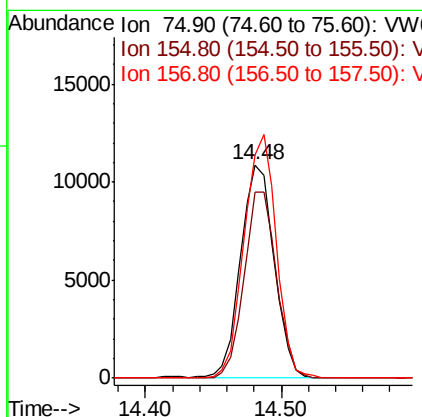
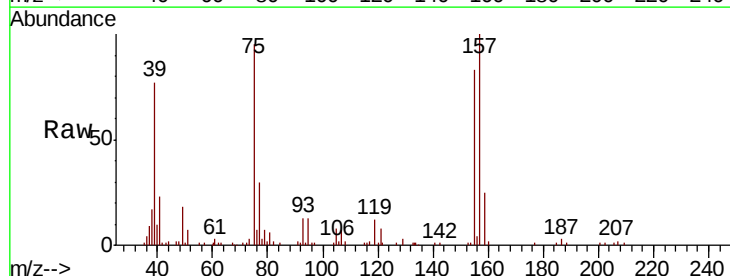
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

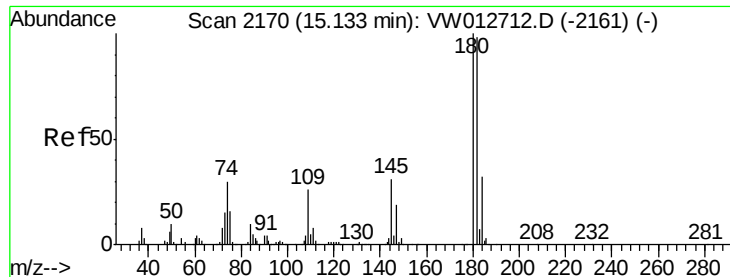
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	21.3	63.9
148	65.5	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.716 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW012925.D
 Acq: 11 Sep 2019 19:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.3	40.6	122.0
157	109.4	52.5	157.5

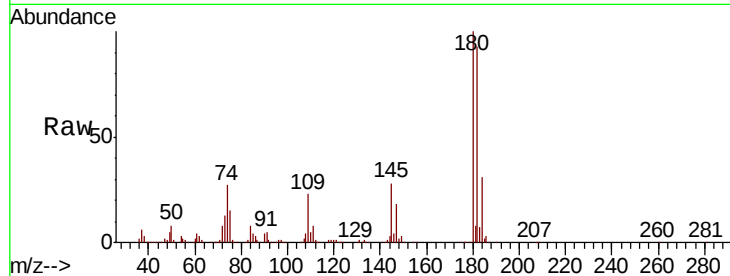




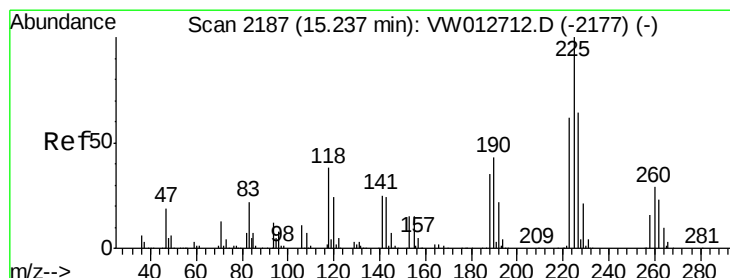
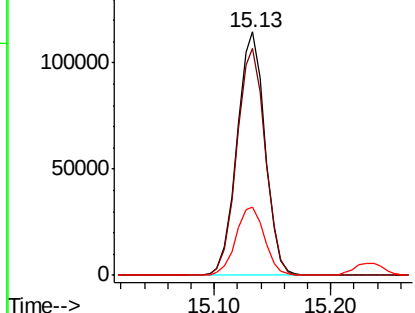
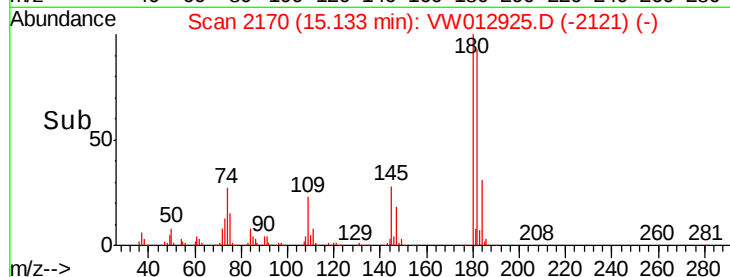
#93
 1,2,4-Trichlorobenzene
 Concen: 55.777 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012925.D
 Acq: 11 Sep 2019 19:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 191447
 Ion Ratio Lower Upper
 180 100
 182 94.8 48.7 146.1
 145 28.7 15.0 45.1

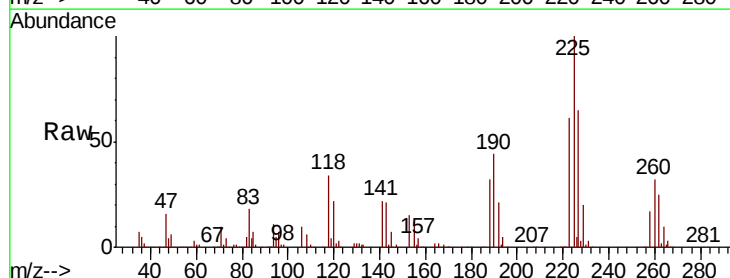


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

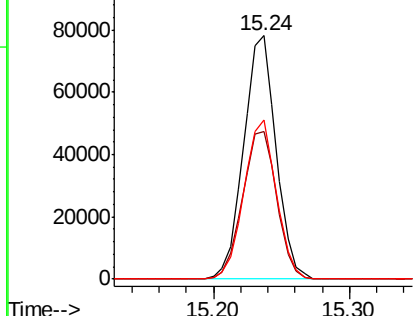
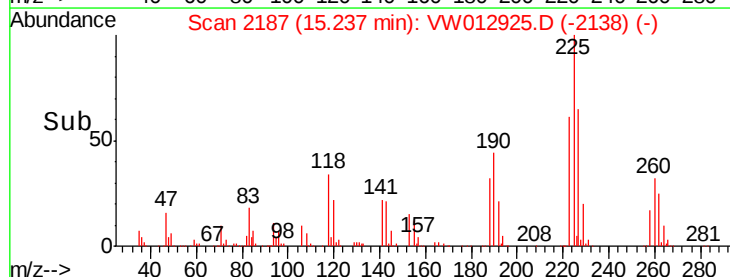


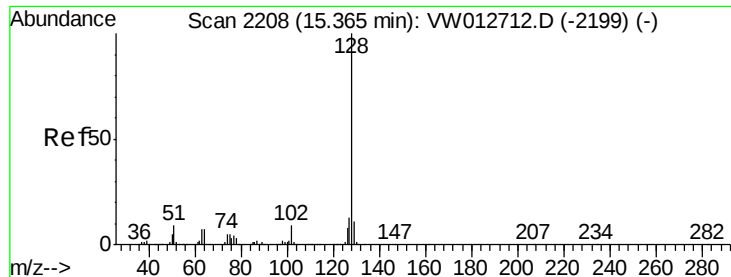
#94
 Hexachlorobutadiene
 Concen: 54.873 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012925.D
 Acq: 11 Sep 2019 19:23

Tgt Ion:225 Resp: 130366
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.1 93.3
 227 65.2 31.4 94.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

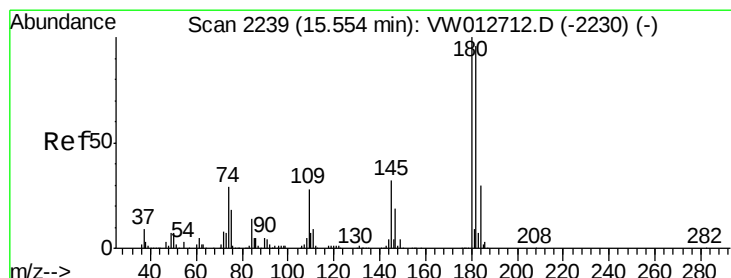
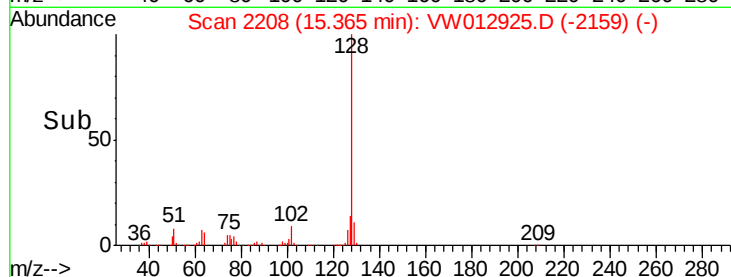
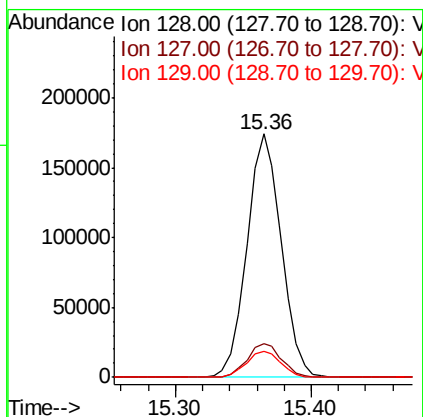
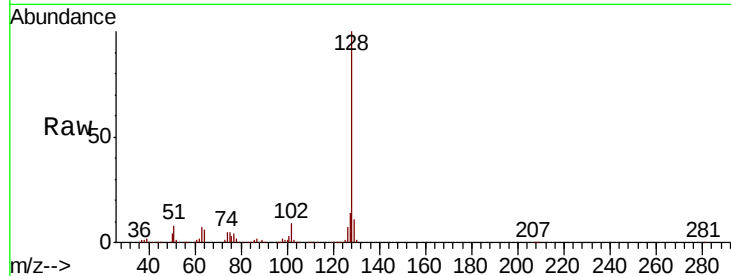




#95
Naphthalene
Concen: 43.266 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012925.D
Acq: 11 Sep 2019 19:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 306582
Ion Ratio Lower Upper
128 100
127 13.8 10.7 16.1
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 52.612 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW012925.D
Acq: 11 Sep 2019 19:23

Tgt Ion:180 Resp: 159403
Ion Ratio Lower Upper
180 100
182 96.3 47.8 143.3
145 31.2 15.4 46.2

