

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080319\
 Data File : VW011634.D
 Acq On : 02 Aug 2019 21:48
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 04 00:04:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	220403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	364956	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	330755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	161208	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	151717	59.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.90%	
35) Dibromofluoromethane	7.88	113	120956	59.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.16%	
50) Toluene-d8	10.32	98	484420	57.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.58%	
62) 4-Bromofluorobenzene	12.62	95	174337	58.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	55419	45.117	ug/l	96
3) Chloromethane	2.21	50	95067	44.633	ug/l	99
4) Vinyl Chloride	2.36	62	117030	45.638	ug/l	97
5) Bromomethane	2.77	94	66158	46.610	ug/l	99
6) Chloroethane	2.92	64	68218	46.572	ug/l	98
7) Trichlorofluoromethane	3.25	101	55740	48.637	ug/l	100
8) Diethyl Ether	3.68	74	65776	50.621	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	106850	49.149	ug/l	99
10) Methyl Iodide	4.28	142	149909	48.795	ug/l	99
11) Tert butyl alcohol	5.16	59	44801	239.087	ug/l	100
12) 1,1-Dichloroethene	4.04	96	109761	47.818	ug/l	97
13) Acrolein	3.89	56	77441	426.448	ug/l	98
14) Allyl chloride	4.66	41	243050	49.784	ug/l	99
15) Acrylonitrile	5.36	53	169870	261.887	ug/l	99
16) Acetone	4.12	43	169779	210.891	ug/l	100
17) Carbon Disulfide	4.39	76	342755	47.709	ug/l	99
18) Methyl Acetate	4.67	43	96955	53.609	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	189428	52.004	ug/l	98
20) Methylene Chloride	4.92	84	130633	47.050	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	123098	49.742	ug/l	97
22) Diisopropyl ether	6.31	45	478194	51.952	ug/l	98
23) Vinyl Acetate	6.25	43	1502499	259.780	ug/l	99
24) 1,1-Dichloroethane	6.21	63	250681	50.852	ug/l	99
25) 2-Butanone	7.17	43	250700	237.983	ug/l	99
26) 2,2-Dichloropropane	7.16	77	128990	42.547	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	135340	49.691	ug/l	100
28) Bromochloromethane	7.51	49	122360	55.921	ug/l #	99
29) Tetrahydrofuran	7.52	42	157446	261.471	ug/l	99
30) Chloroform	7.67	83	231094	50.813	ug/l	97
31) Cyclohexane	7.95	56	216245	45.698	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	174833	50.478	ug/l	100
36) 1,1-Dichloropropene	8.08	75	181878	47.927	ug/l	99
37) Ethyl Acetate	7.25	43	110050	50.405	ug/l	99
38) Carbon Tetrachloride	8.07	117	159533	49.107	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080319\
 Data File : VW011634.D
 Acq On : 02 Aug 2019 21:48
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 04 00:04:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	203539	48.710	ug/l	98
40) Benzene	8.32	78	524094	49.305	ug/l	99
41) Methacrylonitrile	7.48	41	68303	52.335	ug/l	97
42) 1,2-Dichloroethane	8.40	62	170509	51.235	ug/l	100
43) Isopropyl Acetate	8.42	43	207625	51.709	ug/l	100
44) Trichloroethene	9.09	130	124272	48.642	ug/l	97
45) 1,2-Dichloropropane	9.37	63	146102	51.369	ug/l	99
46) Dibromomethane	9.46	93	66886	51.525	ug/l	99
47) Bromodichloromethane	9.65	83	176729	51.901	ug/l	98
48) Methyl methacrylate	9.43	41	102102	52.936	ug/l	97
49) 1,4-Dioxane	9.45	88	19799	1053.365	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	540854	258.964	ug/l	100
52) Toluene	10.39	92	318371	49.596	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	181901	51.138	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	217164	51.347	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	94561	51.340	ug/l	99
56) Ethyl methacrylate	10.65	69	140875	52.269	ug/l	98
57) 1,3-Dichloropropane	10.93	76	178980	51.364	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	350854	286.709	ug/l	100
59) 2-Hexanone	10.97	43	368890	250.157	ug/l	99
60) Dibromochloromethane	11.13	129	107432	52.547	ug/l	99
61) 1,2-Dibromoethane	11.23	107	89066	51.099	ug/l	100
64) Tetrachloroethene	10.86	164	104478	48.514	ug/l	99
65) Chlorobenzene	11.66	112	322755	48.537	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	117708	50.818	ug/l	99
67) Ethyl Benzene	11.73	91	614891	48.552	ug/l	99
68) m/p-Xylenes	11.84	106	450805	97.878	ug/l	100
69) o-Xylene	12.16	106	212761	49.711	ug/l	100
70) Styrene	12.18	104	374002	50.540	ug/l	99
71) Bromoform	12.35	173	61336	51.937	ug/l #	97
73) Isopropylbenzene	12.46	105	584421	48.594	ug/l	99
74) N-amyl acetate	12.27	43	193299	51.338	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	114882	50.784	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	151939	89.074	ug/l #	100
77) Bromobenzene	12.74	156	131872	49.609	ug/l	100
78) n-propylbenzene	12.80	91	711602	48.619	ug/l	100
79) 2-Chlorotoluene	12.89	91	407909	48.376	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	496331	49.233	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	35712	48.250	ug/l	97
82) 4-Chlorotoluene	12.99	91	431581	48.783	ug/l	100
83) tert-Butylbenzene	13.21	119	418216	49.608	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	504415	49.670	ug/l	99
85) sec-Butylbenzene	13.38	105	591241	49.151	ug/l	100
86) p-Isopropyltoluene	13.50	119	538093	49.302	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	252732	48.489	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	250357	48.286	ug/l	99
89) n-Butylbenzene	13.82	91	524949	48.197	ug/l	100
90) Hexachloroethane	14.09	117	97901	50.728	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	228737	49.618	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19337	50.127	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080319\
Data File : VW011634.D
Acq On : 02 Aug 2019 21:48
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Quant Time: Aug 04 00:04:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration

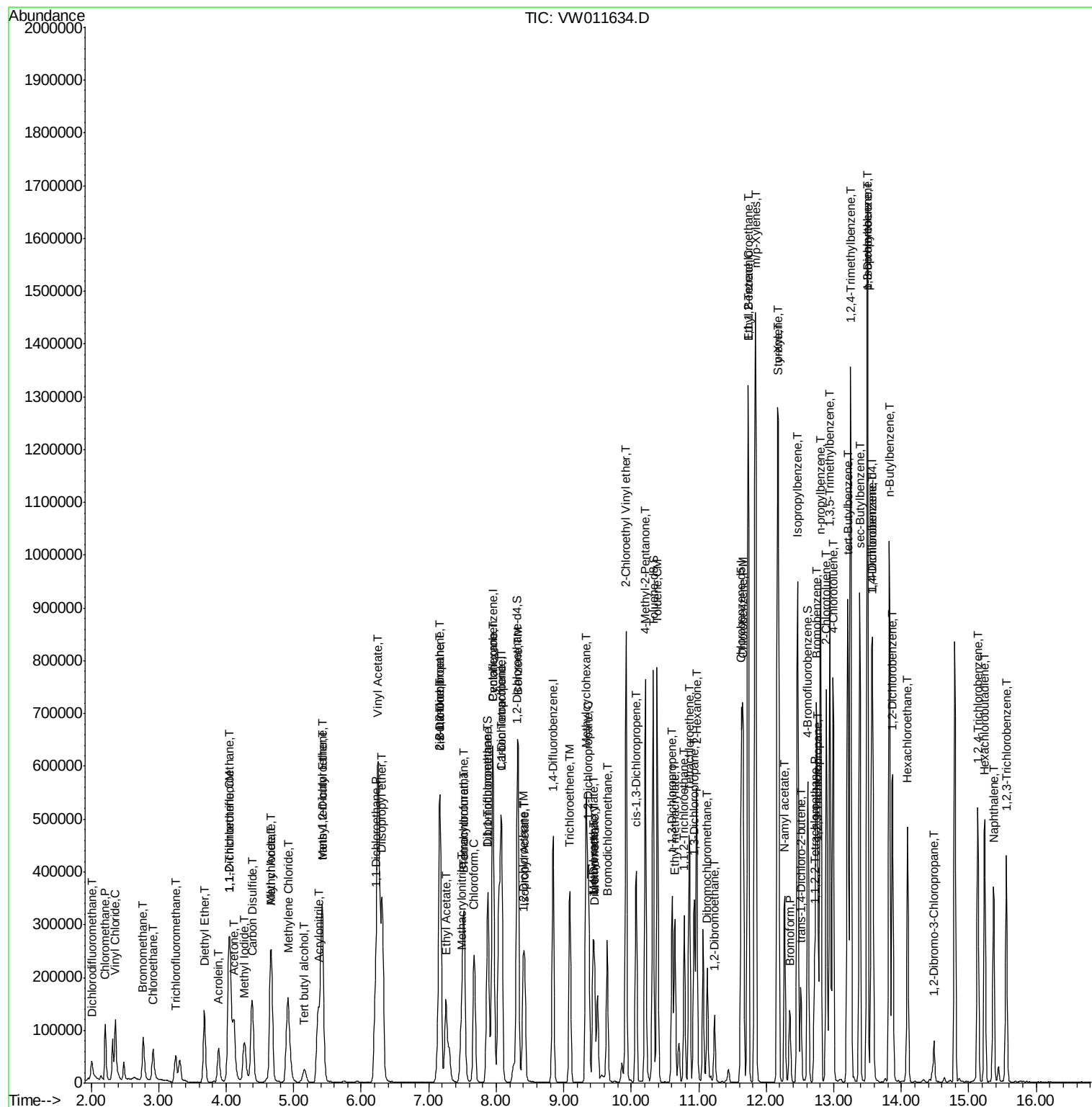
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	158033	48.641	ug/l	100
94) Hexachlorobutadiene	15.24	225	97134	47.941	ug/l	96
95) Naphthalene	15.36	128	299850	47.234	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	142307	49.969	ug/l	100

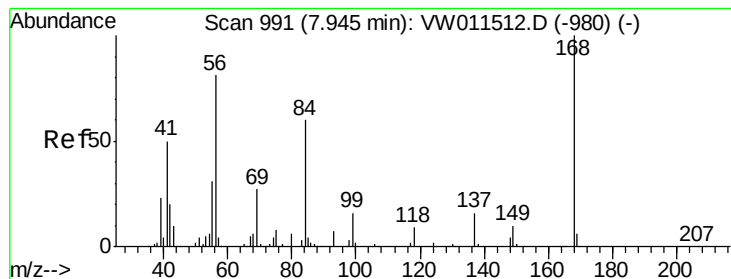
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080319\
 Data File : VW011634.D
 Acq On : 02 Aug 2019 21:48
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 04 00:04:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011634.D

Acq: 02 Aug 2019 21:48

Instrument :

MSVOA_W

ClientSampleId :

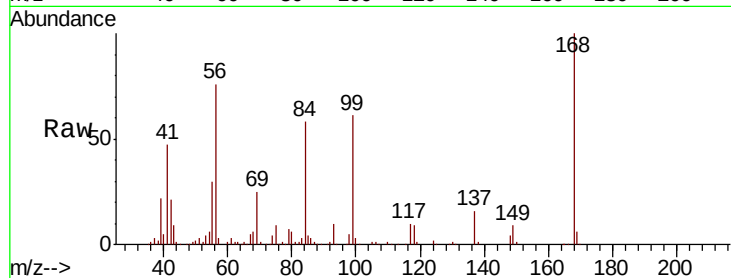
VSTDCCC050

Tgt Ion:168 Resp: 220403

Ion Ratio Lower Upper

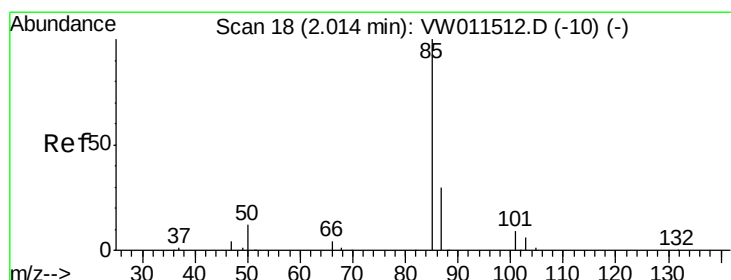
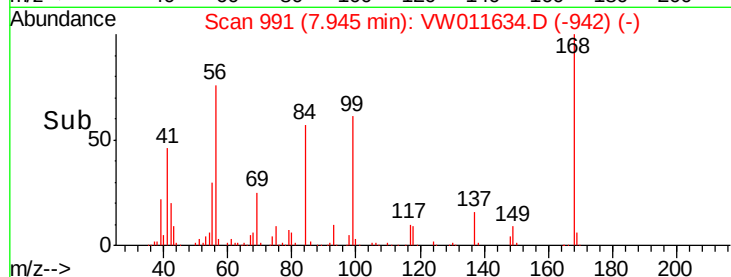
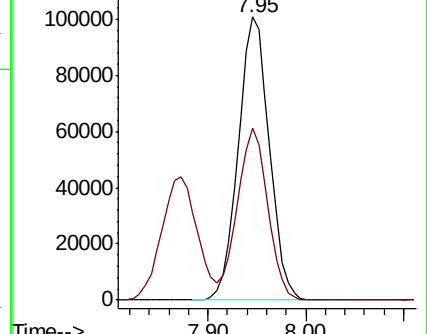
168 100

99 60.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 45.117 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW011634.D

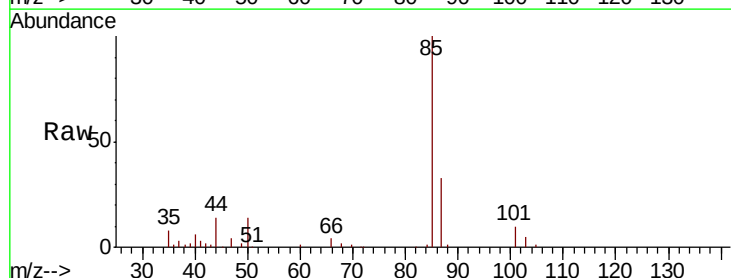
Acq: 02 Aug 2019 21:48

Tgt Ion: 85 Resp: 55419

Ion Ratio Lower Upper

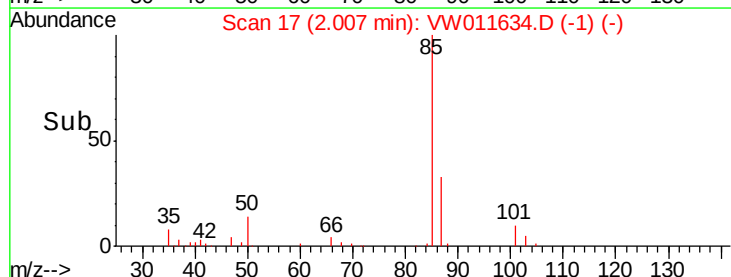
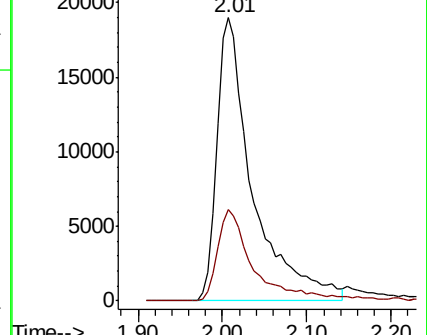
85 100

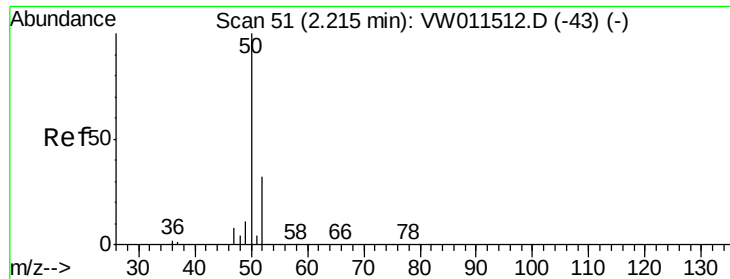
87 32.5 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 44.633 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW011634.D

Acq: 02 Aug 2019 21:48

Instrument :

MSVOA_W

ClientSampleId :

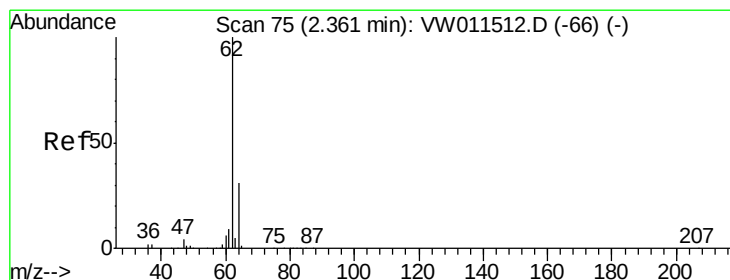
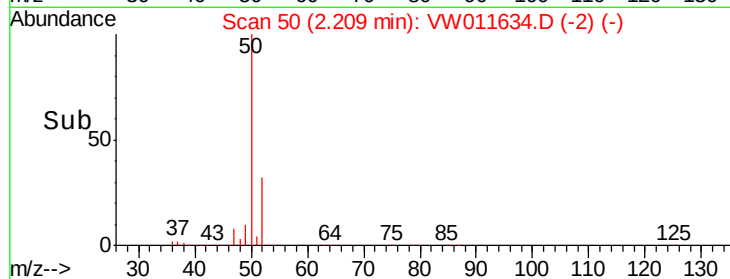
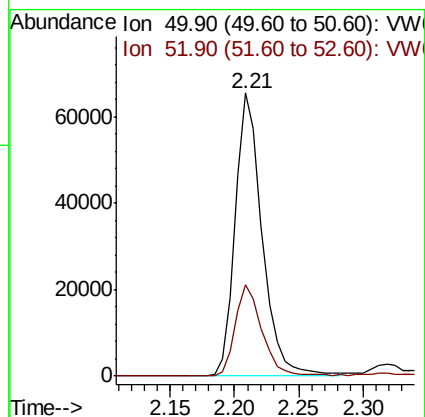
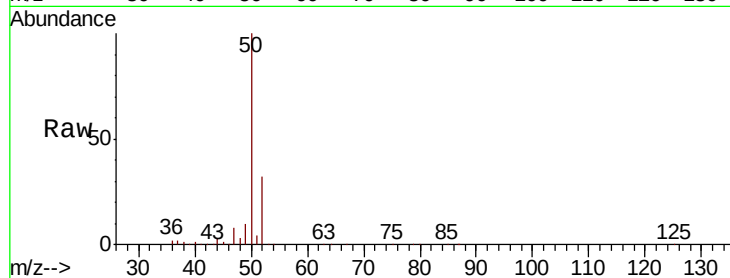
VSTDCCC050

Tgt Ion: 50 Resp: 95067

Ion Ratio Lower Upper

50 100

52 32.2 25.4 38.2



#4

Vinyl Chloride

Concen: 45.638 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW011634.D

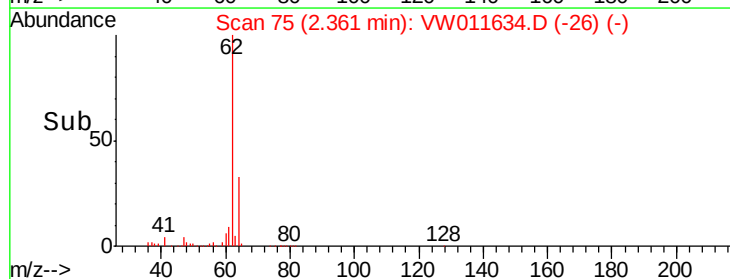
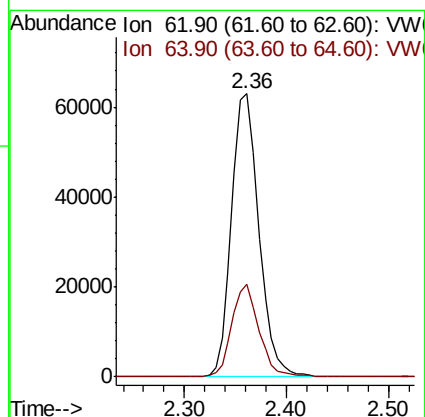
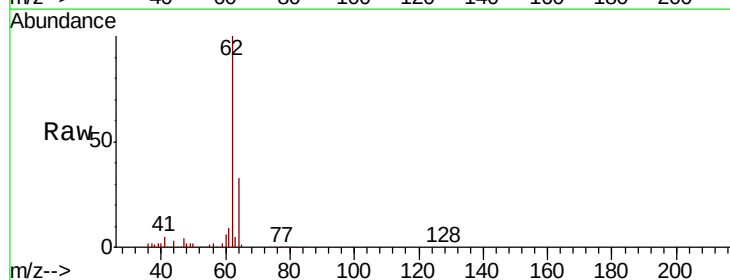
Acq: 02 Aug 2019 21:48

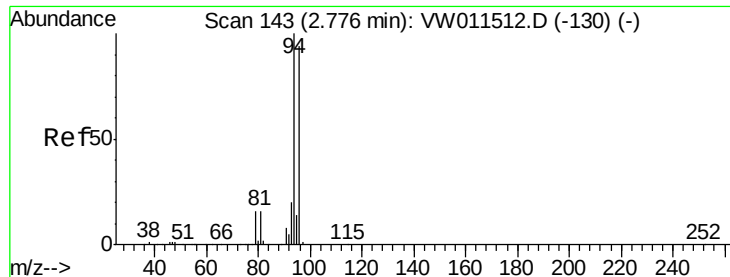
Tgt Ion: 62 Resp: 117030

Ion Ratio Lower Upper

62 100

64 32.7 25.0 37.4





#5

Bromomethane

Concen: 46.610 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW011634.D

Acq: 02 Aug 2019 21:48

Instrument :

MSVOA_W

ClientSampleId :

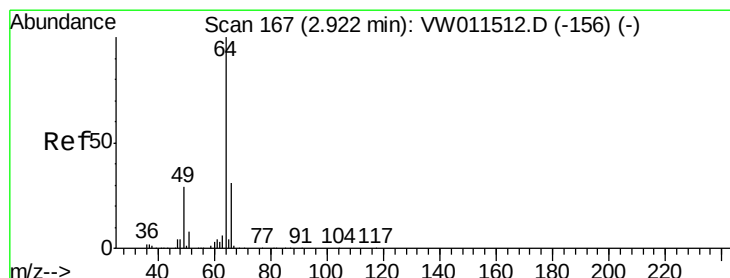
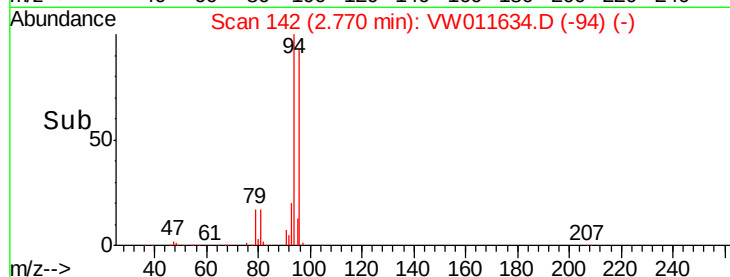
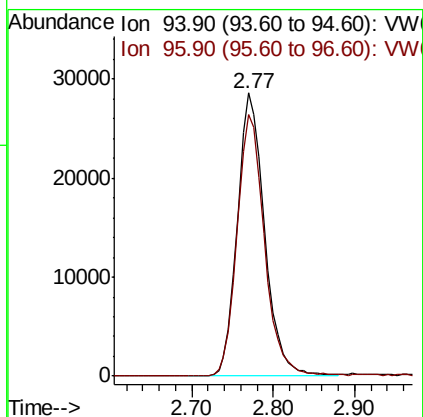
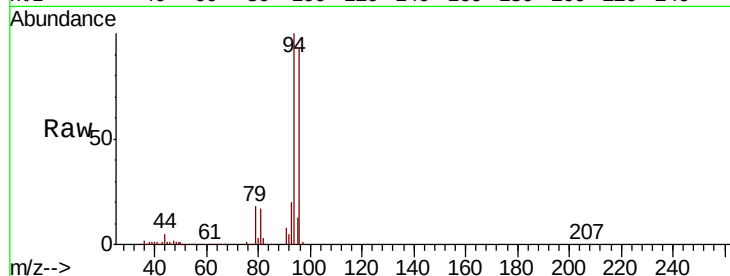
VSTDCCC050

Tgt Ion: 94 Resp: 66158

Ion Ratio Lower Upper

94 100

96 92.6 75.0 112.6



#6

Chloroethane

Concen: 46.572 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW011634.D

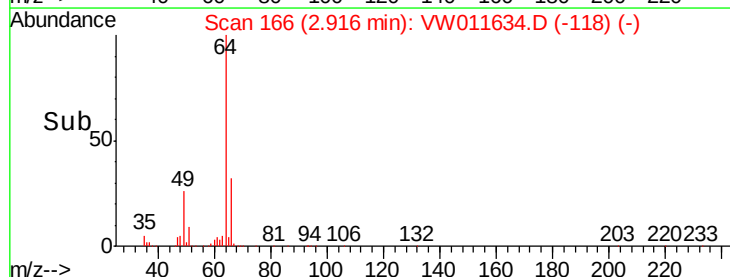
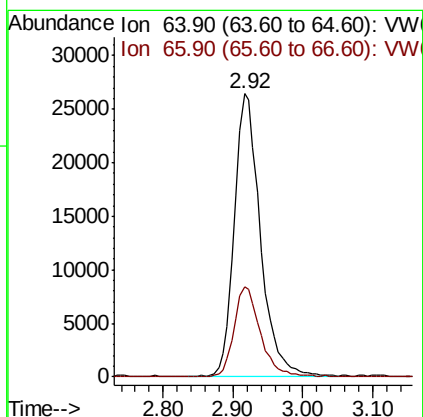
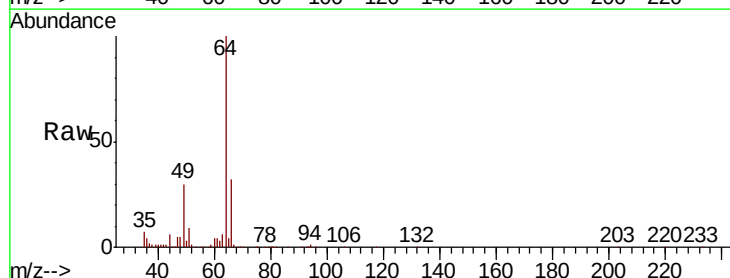
Acq: 02 Aug 2019 21:48

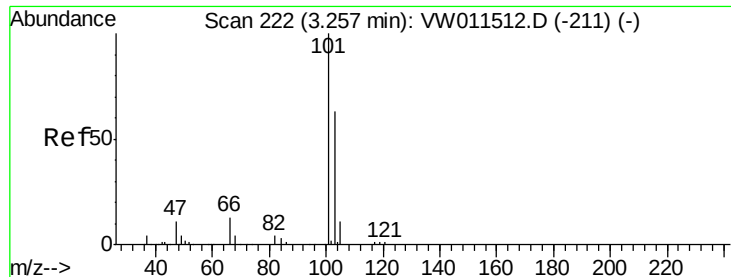
Tgt Ion: 64 Resp: 68218

Ion Ratio Lower Upper

64 100

66 31.9 24.6 36.8



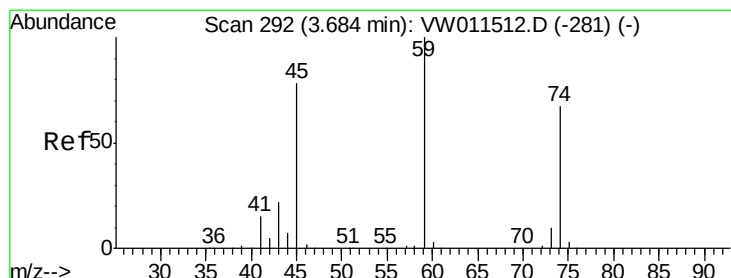
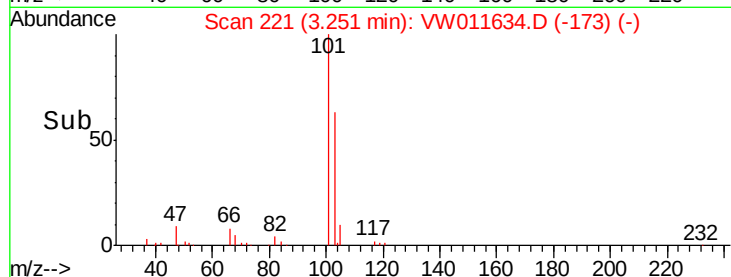
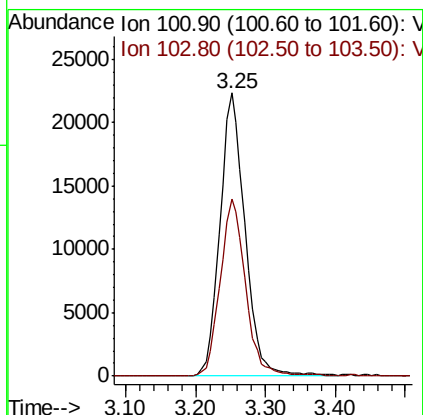
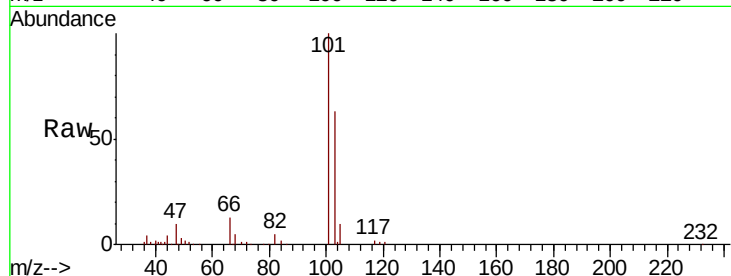


#7

Trichlorofluoromethane
 Concen: 48.637 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW011634.D
 Acq: 02 Aug 2019 21:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

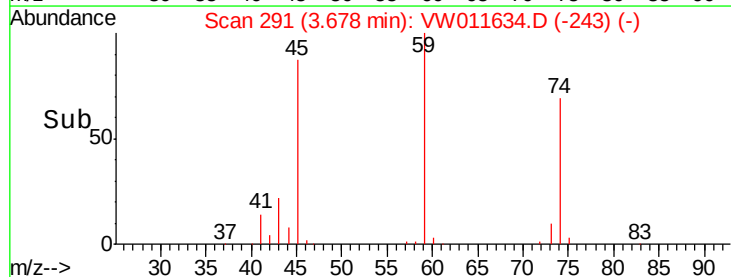
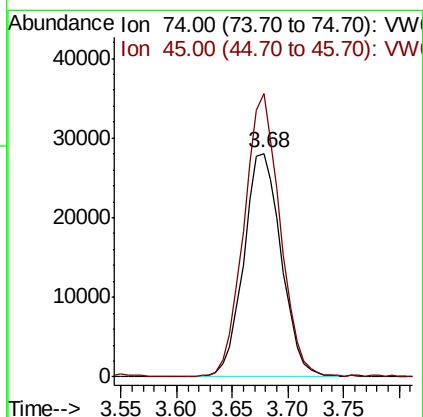
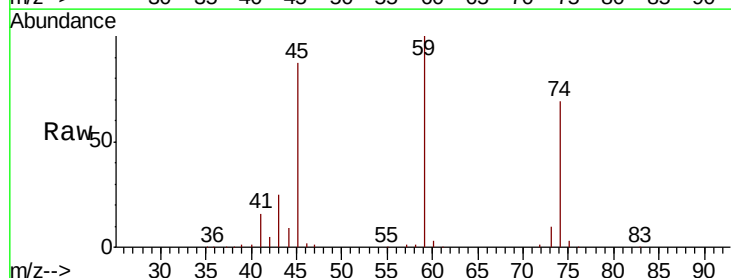
Tgt Ion: 101 Resp: 55740
 Ion Ratio Lower Upper
 101 100
 103 62.7 50.2 75.4

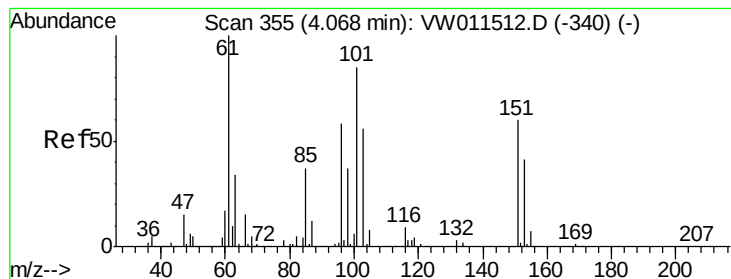


#8

Diethyl Ether
 Concen: 50.621 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW011634.D
 Acq: 02 Aug 2019 21:48

Tgt Ion: 74 Resp: 65776
 Ion Ratio Lower Upper
 74 100
 45 121.8 59.6 178.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.149 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW011634.D

Acq: 02 Aug 2019 21:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

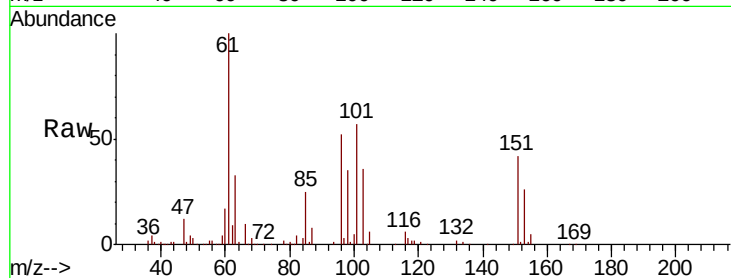
Tgt Ion:101 Resp: 106850

Ion Ratio Lower Upper

101 100

85 45.0 36.6 54.8

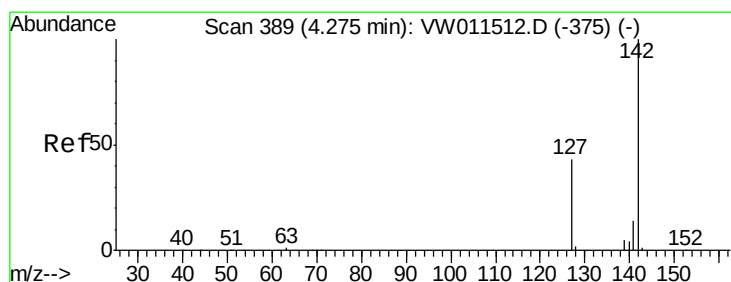
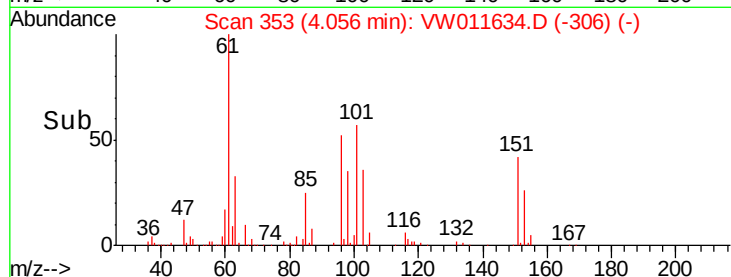
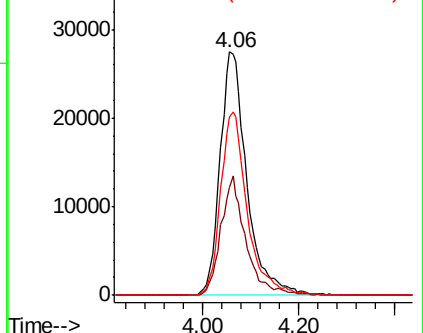
151 74.7 60.2 90.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.795 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.00 min

Lab File: VW011634.D

Acq: 02 Aug 2019 21:48

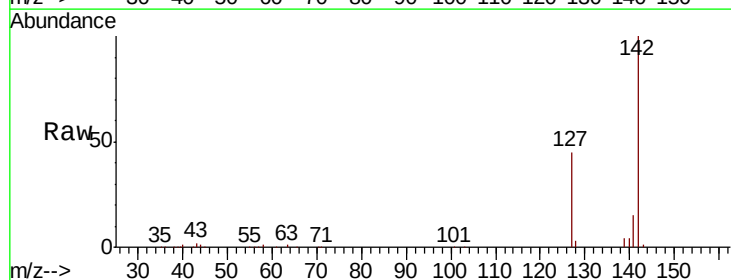
Tgt Ion:142 Resp: 149909

Ion Ratio Lower Upper

142 100

127 44.2 35.0 52.6

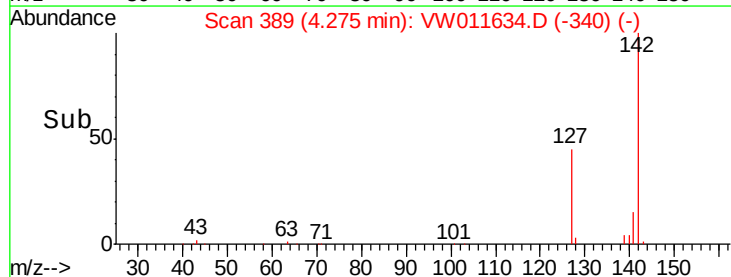
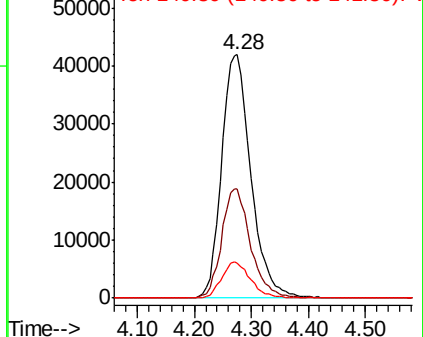
141 14.8 11.9 17.9

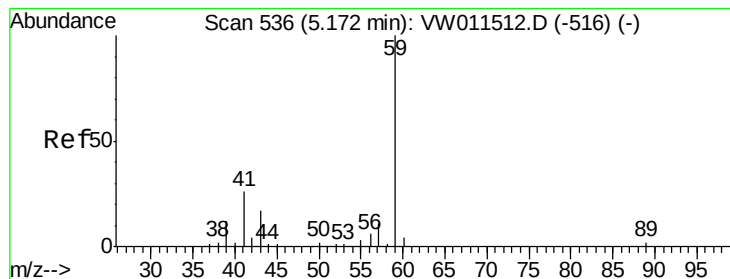


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



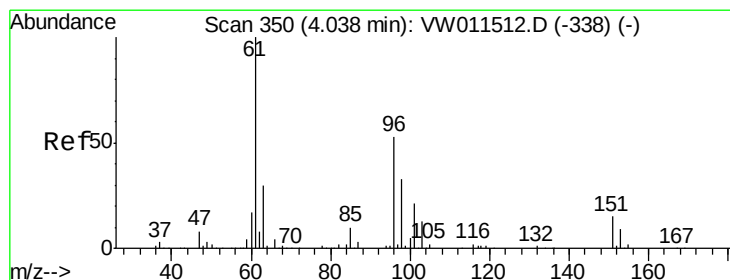
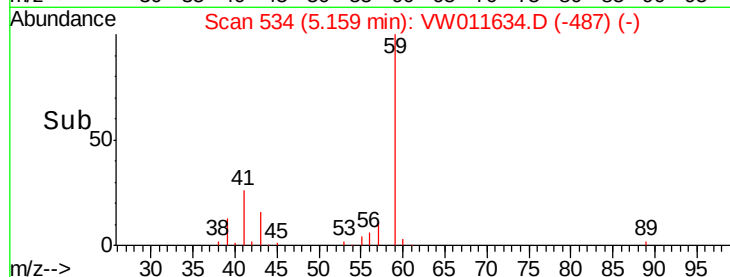
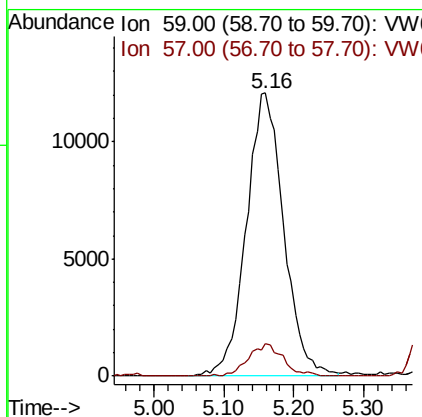
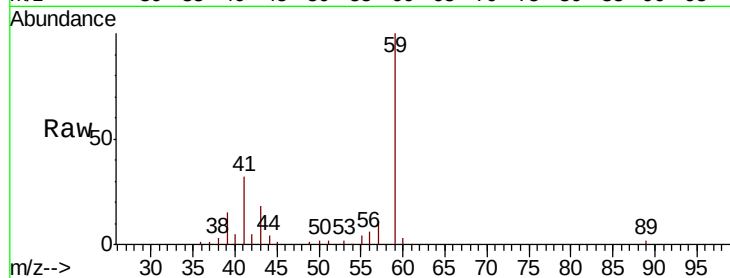


#11

Tert butyl alcohol
 Concen: 239.087 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VW011634.D
 Acq: 02 Aug 2019 21:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

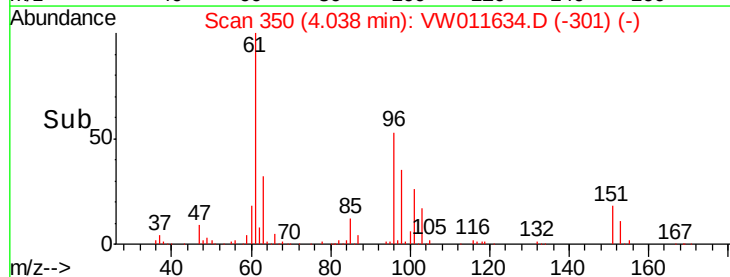
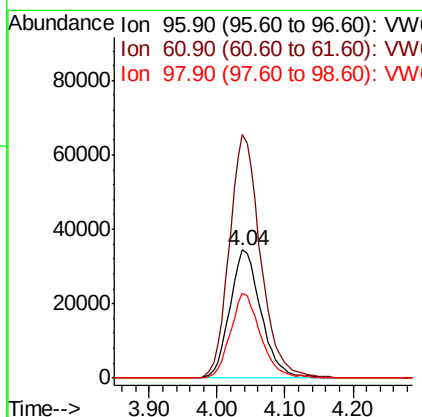
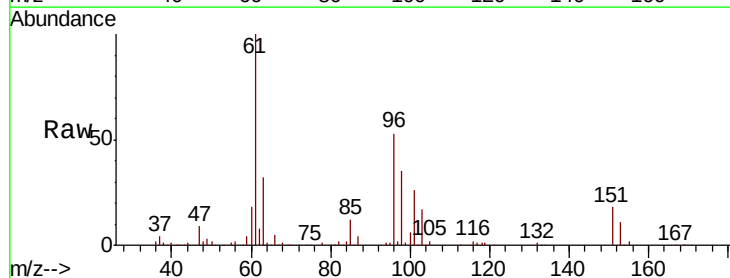
Tgt Ion: 59 Resp: 44801
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.5 12.7

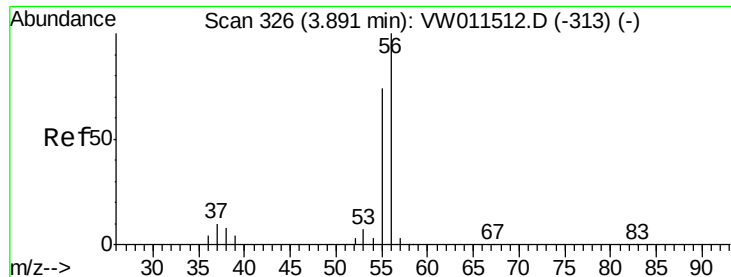


#12

1,1-Dichloroethene
 Concen: 47.818 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW011634.D
 Acq: 02 Aug 2019 21:48

Tgt Ion: 96 Resp: 109761
 Ion Ratio Lower Upper
 96 100
 61 190.2 149.9 224.9
 98 65.8 49.1 73.7

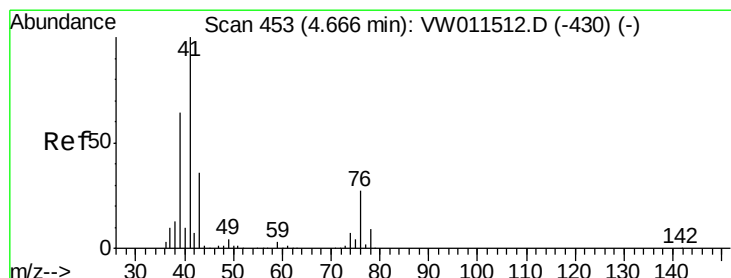
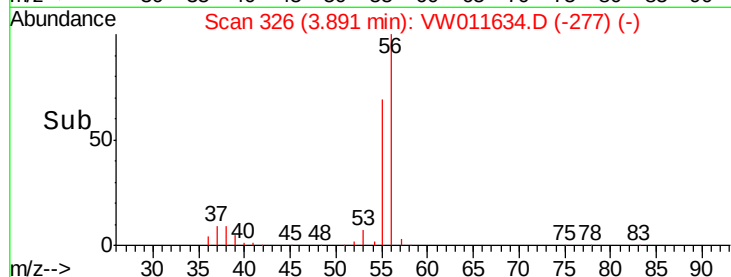
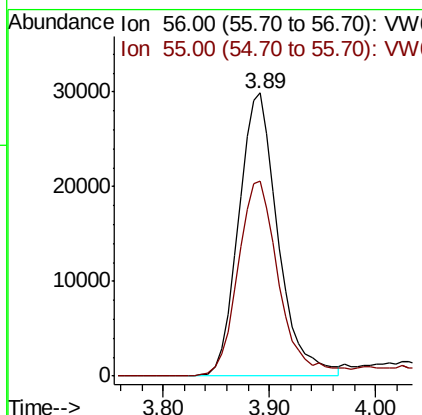
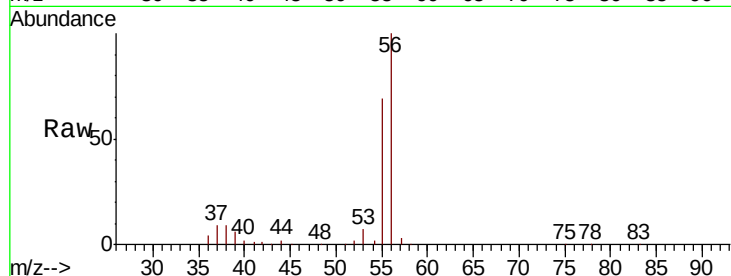




#13
 Acrolein
 Concen: 426.448 ug/l
 RT: 3.89 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: VW011634.D
 Acq: 02 Aug 2019 21:48

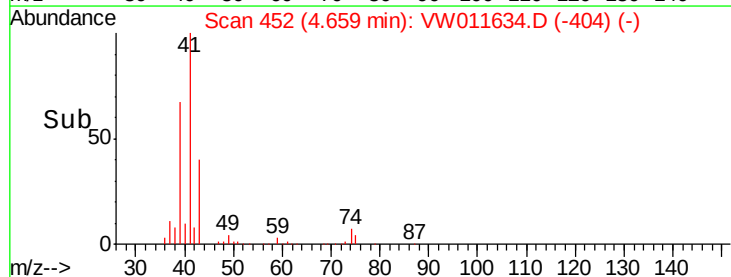
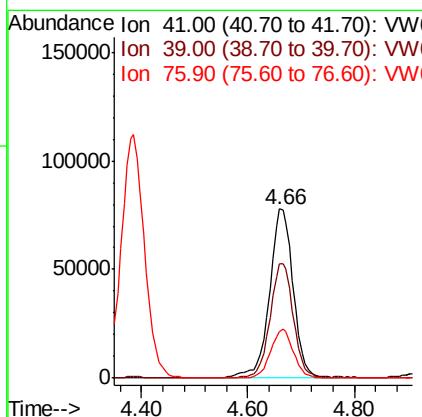
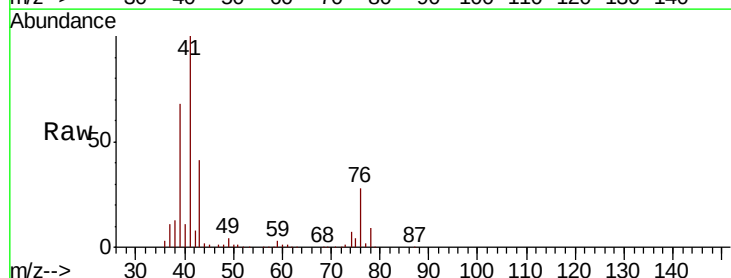
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

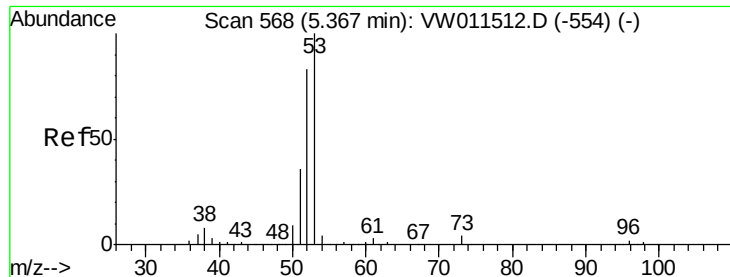
Tgt Ion: 56 Resp: 77441
 Ion Ratio Lower Upper
 56 100
 55 72.0 56.0 84.0



#14
 Allyl chloride
 Concen: 49.784 ug/l
 RT: 4.66 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: VW011634.D
 Acq: 02 Aug 2019 21:48

Tgt Ion: 41 Resp: 243050
 Ion Ratio Lower Upper
 41 100
 39 66.4 52.6 78.8
 76 27.6 22.0 33.0





#15

Acrylonitrile

Concen: 261.887 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW011634.D

Acq: 02 Aug 2019 21:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

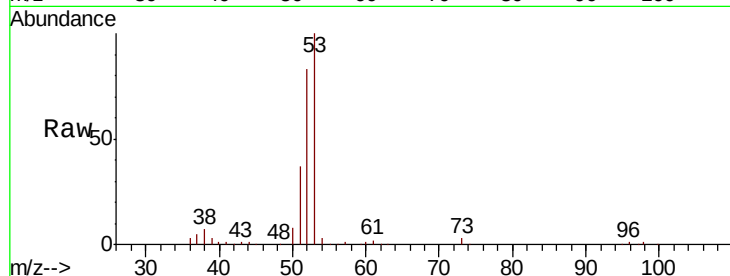
Tgt Ion: 53 Resp: 169870

Ion Ratio Lower Upper

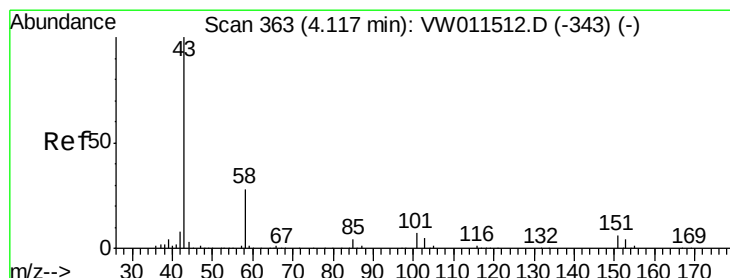
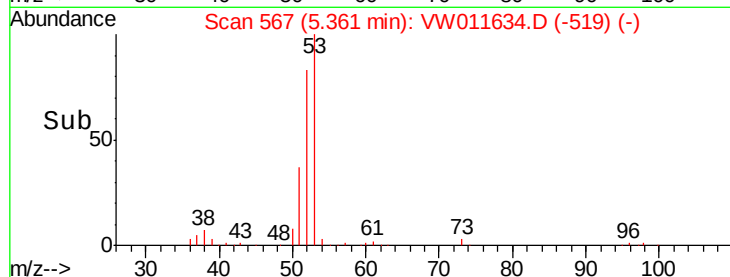
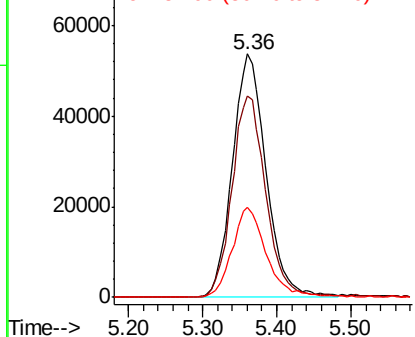
53 100

52 83.1 67.2 100.8

51 37.4 30.0 45.0



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 210.891 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW011634.D

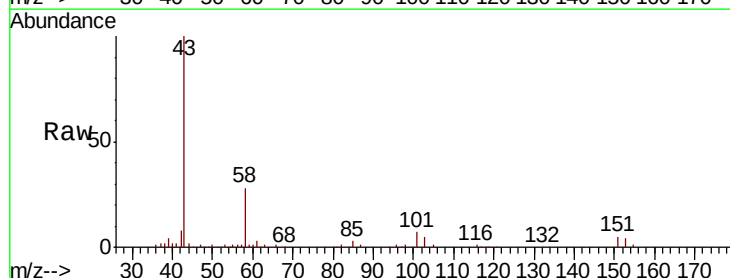
Acq: 02 Aug 2019 21:48

Tgt Ion: 43 Resp: 169779

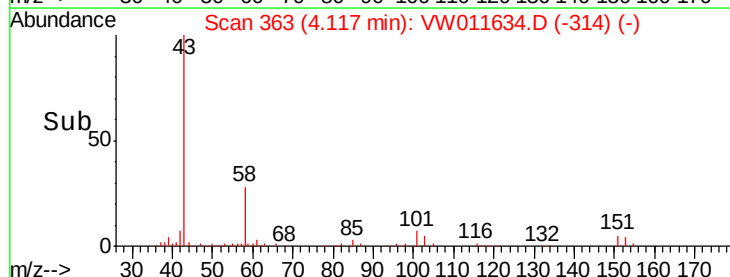
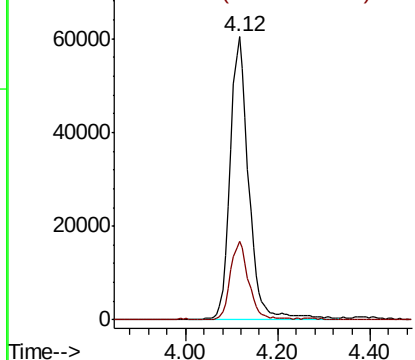
Ion Ratio Lower Upper

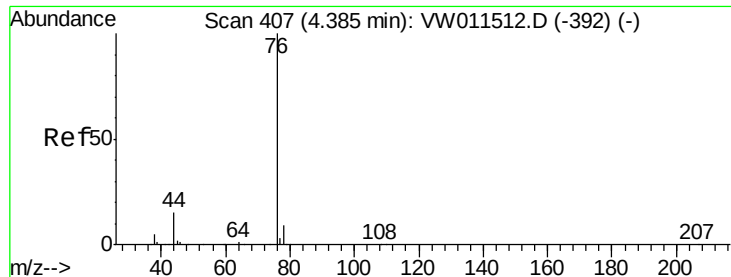
43 100

58 27.7 22.3 33.5



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

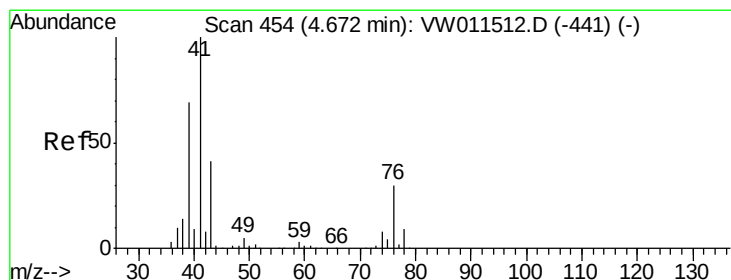
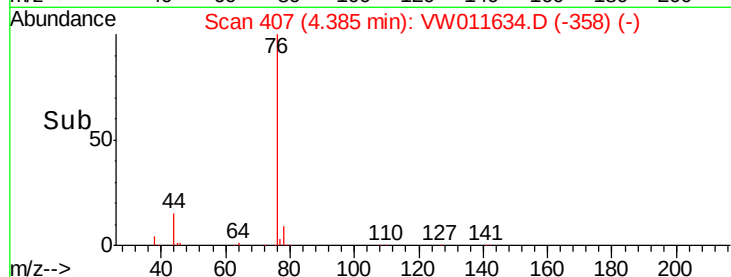
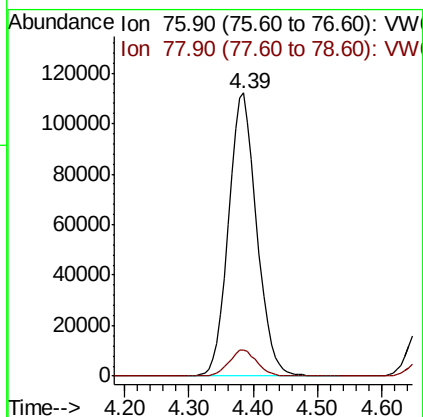
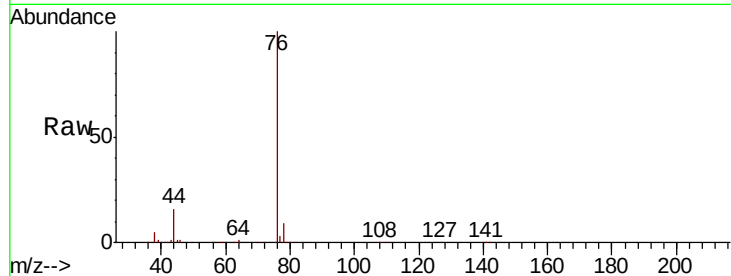




#17
Carbon Disulfide
Concen: 47.709 ug/l
RT: 4.39 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW011634.D
Acq: 02 Aug 2019 21:48

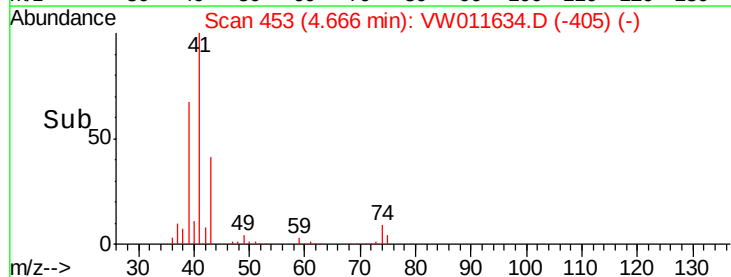
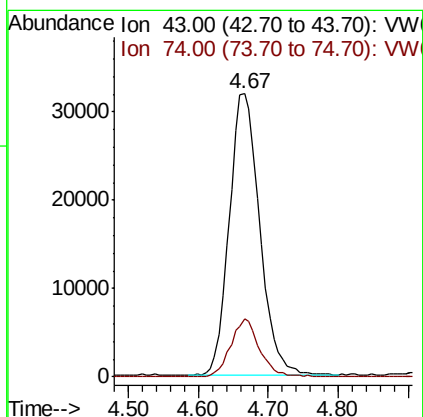
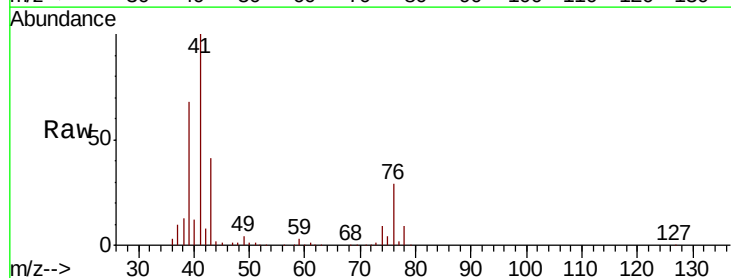
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

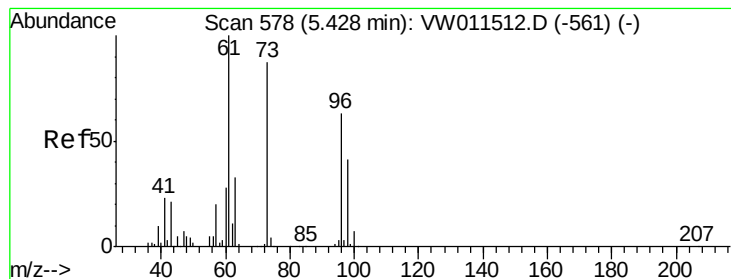
Tgt Ion: 76 Resp: 342755
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 53.609 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW011634.D
Acq: 02 Aug 2019 21:48

Tgt Ion: 43 Resp: 96955
Ion Ratio Lower Upper
43 100
74 19.2 15.9 23.9



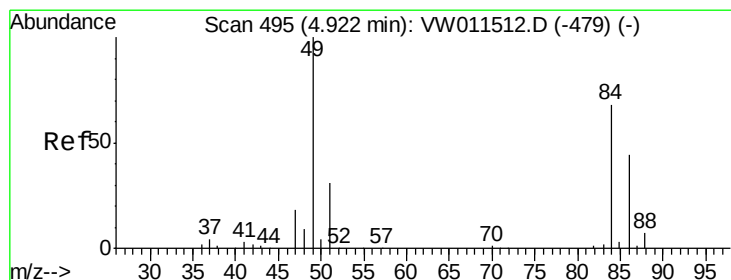
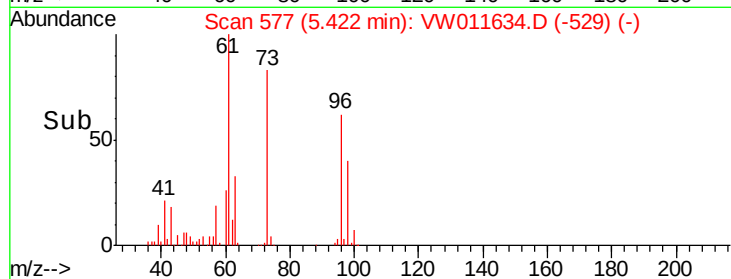
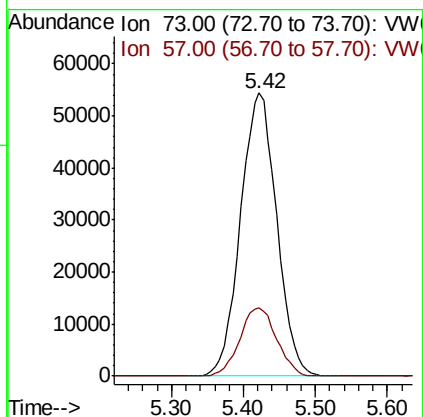
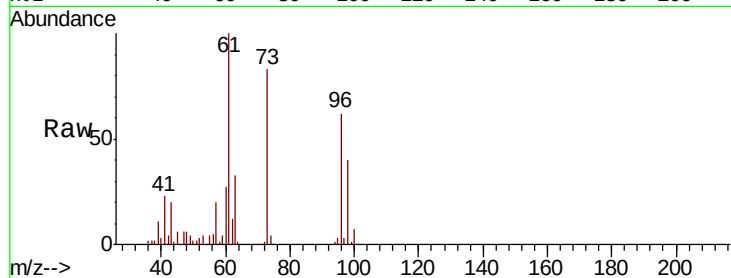


#19

Methyl tert-butyl Ether
 Concen: 52.004 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW011634.D
 Acq: 02 Aug 2019 21:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

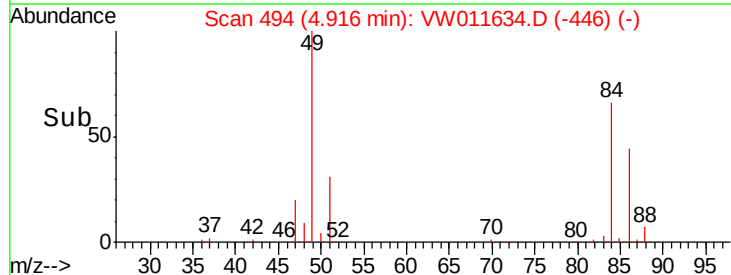
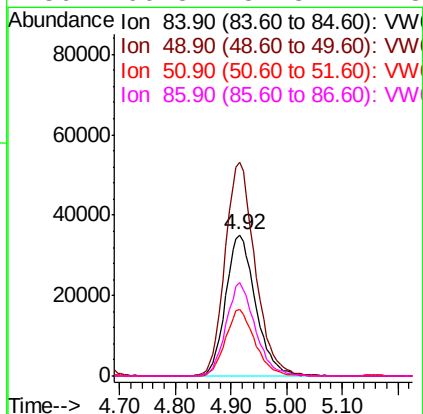
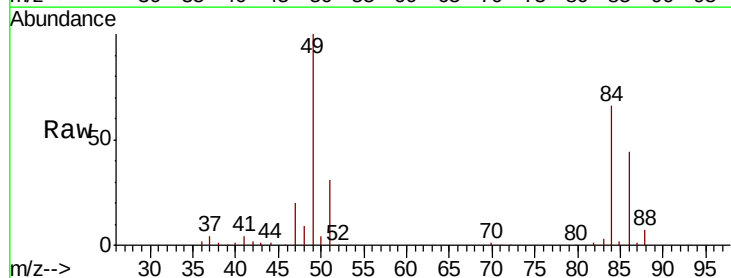
Tgt Ion: 73 Resp: 189428
 Ion Ratio Lower Upper
 73 100
 57 24.2 18.4 27.6

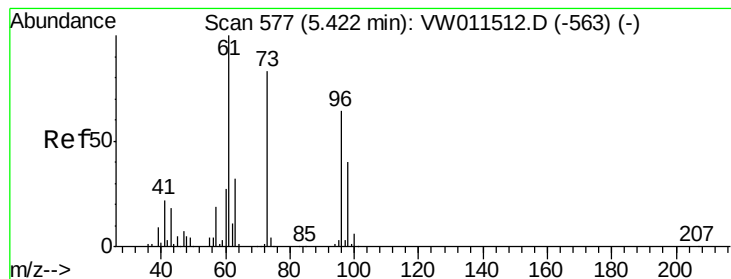


#20

Methylene Chloride
 Concen: 47.050 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: VW011634.D
 Acq: 02 Aug 2019 21:48

Tgt Ion: 84 Resp: 130633
 Ion Ratio Lower Upper
 84 100
 49 151.7 117.8 176.6
 51 47.5 37.0 55.4
 86 66.3 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 49.742 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW011634.D

Acq: 02 Aug 2019 21:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

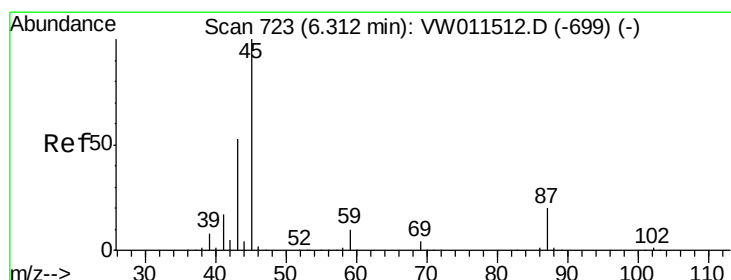
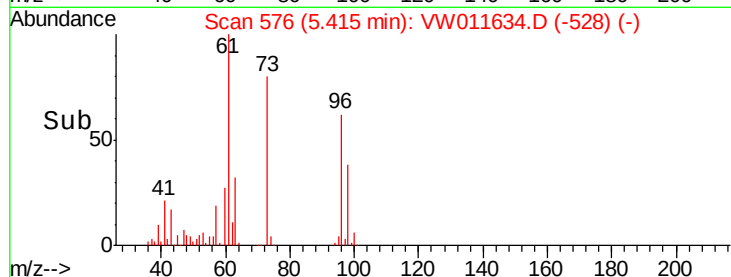
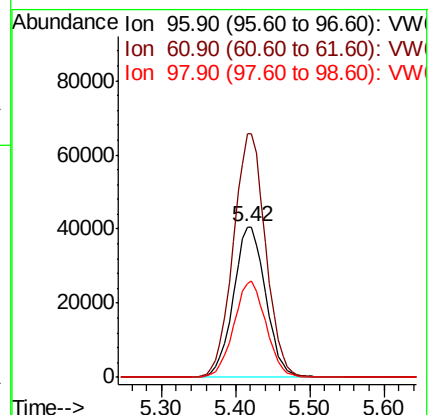
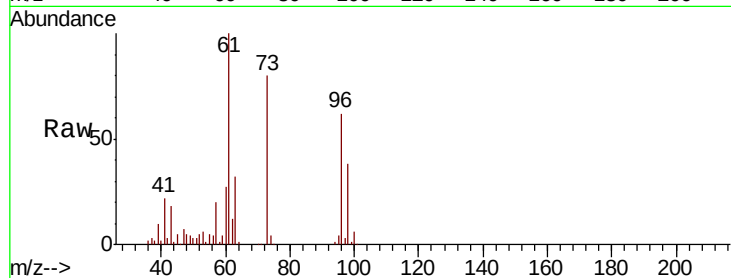
Tgt Ion: 96 Resp: 123098

Ion Ratio Lower Upper

96 100

61 161.6 125.7 188.5

98 62.2 50.3 75.5



#22

Diisopropyl ether

Concen: 51.952 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW011634.D

Acq: 02 Aug 2019 21:48

Tgt Ion: 45 Resp: 478194

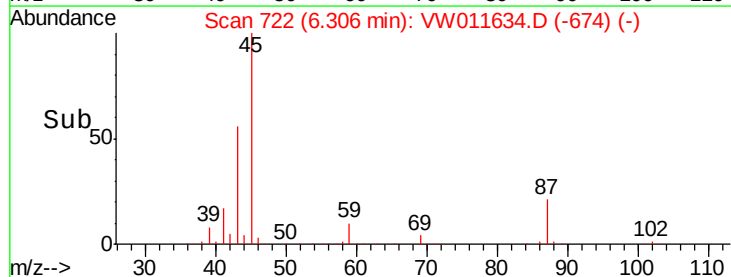
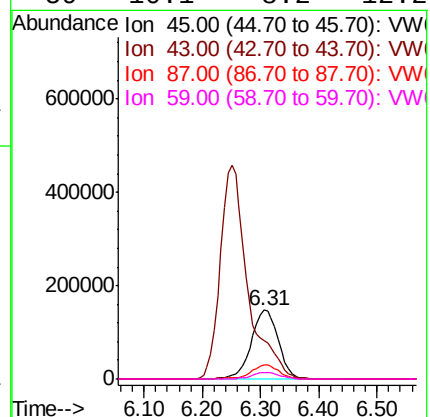
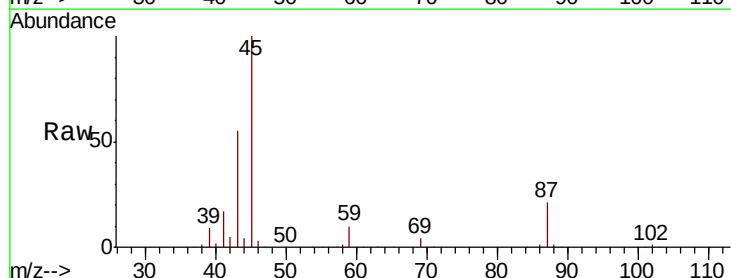
Ion Ratio Lower Upper

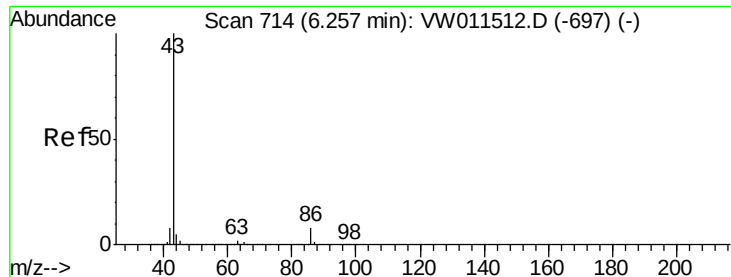
45 100

43 55.4 42.6 63.8

87 21.0 16.4 24.6

59 10.1 8.2 12.2





#23

Vinyl Acetate

Concen: 259.780 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW011634.D

Acq: 02 Aug 2019 21:48

Instrument :

MSVOA_W

ClientSampleId :

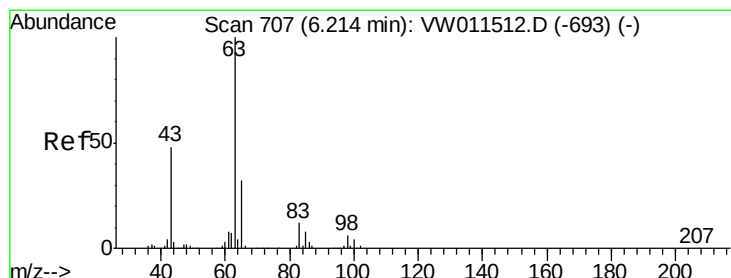
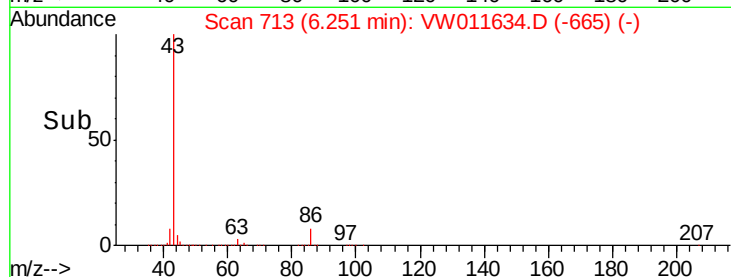
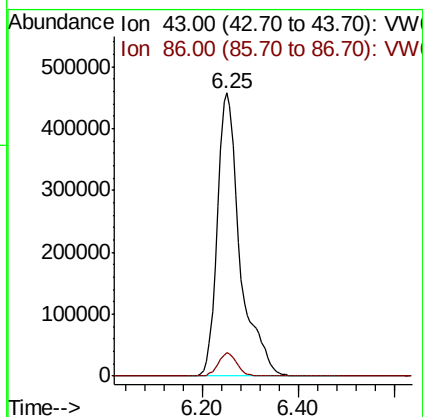
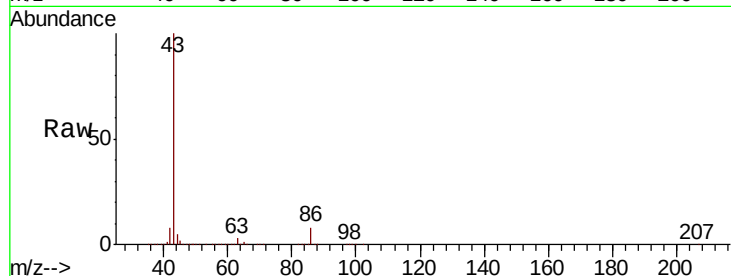
VSTDCCC050

Tgt Ion: 43 Resp: 1502499

Ion Ratio Lower Upper

43 100

86 8.5 6.5 9.7



#24

1,1-Dichloroethane

Concen: 50.852 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW011634.D

Acq: 02 Aug 2019 21:48

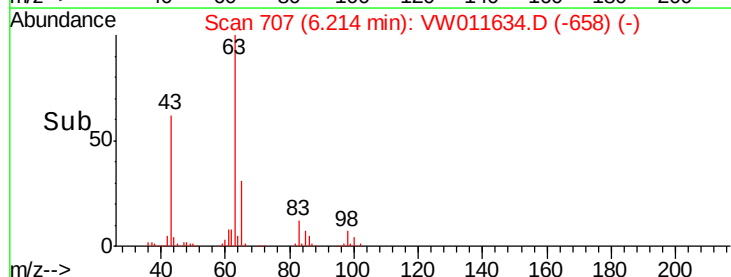
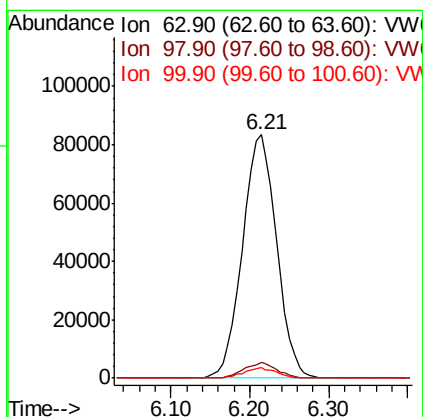
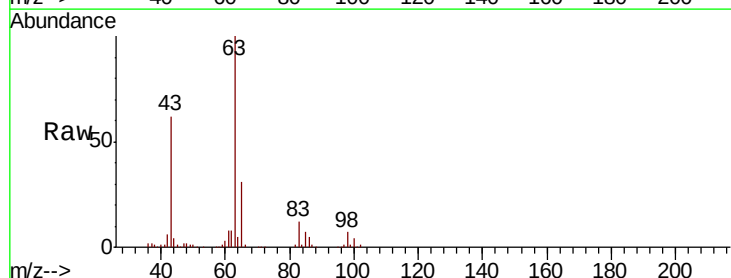
Tgt Ion: 63 Resp: 250681

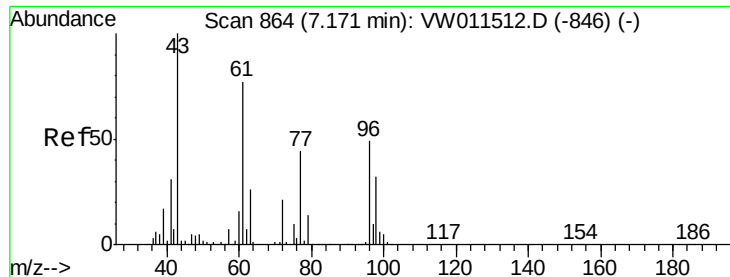
Ion Ratio Lower Upper

63 100

98 6.6 2.9 8.8

100 4.2 2.1 6.3

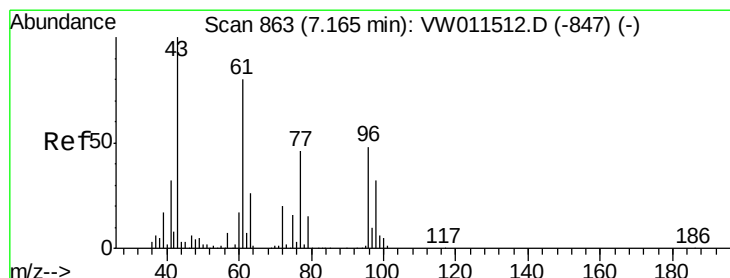
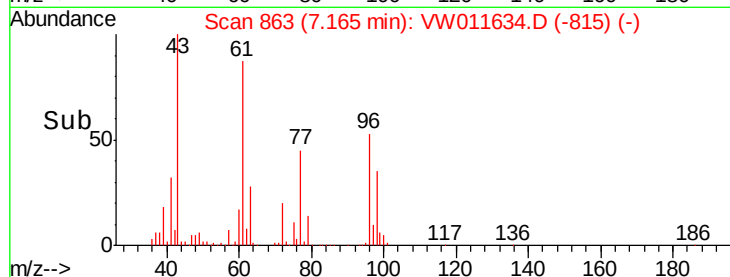
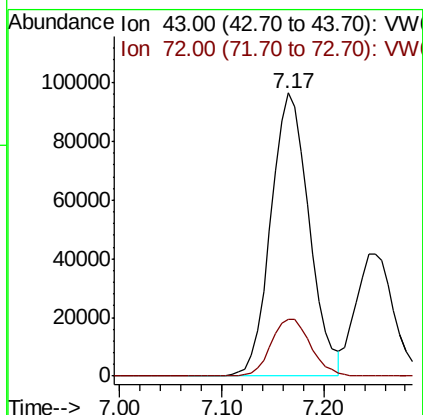
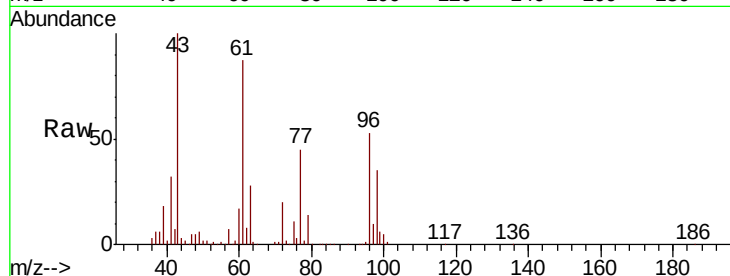




#25
2-Butanone
Concen: 237.983 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW011634.D
Acq: 02 Aug 2019 21:48

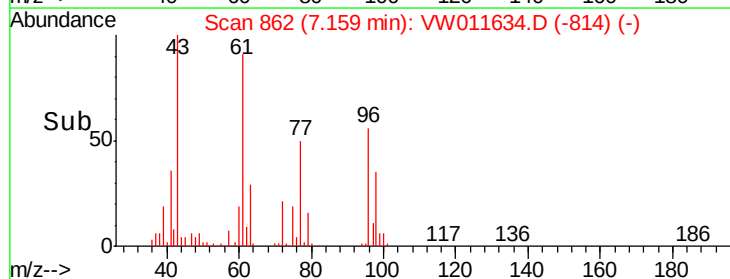
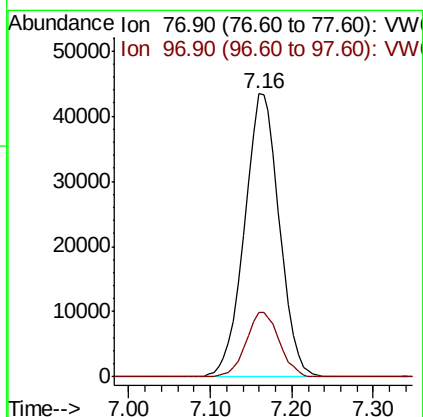
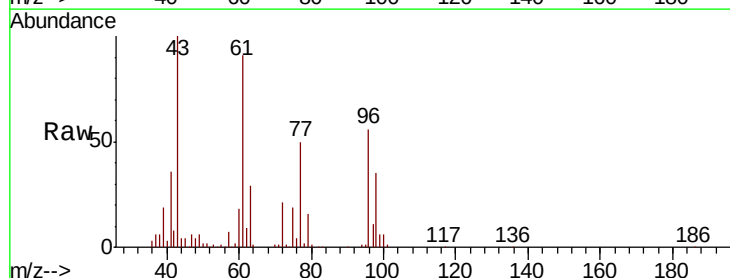
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

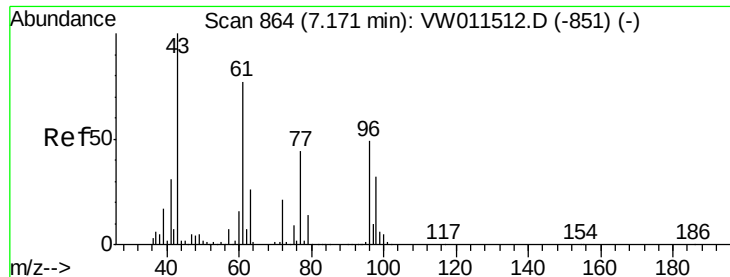
Tgt Ion: 43 Resp: 250700
Ion Ratio Lower Upper
43 100
72 20.2 16.6 24.8



#26
2,2-Dichloropropane
Concen: 42.547 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW011634.D
Acq: 02 Aug 2019 21:48

Tgt Ion: 77 Resp: 128990
Ion Ratio Lower Upper
77 100
97 21.9 10.8 32.4



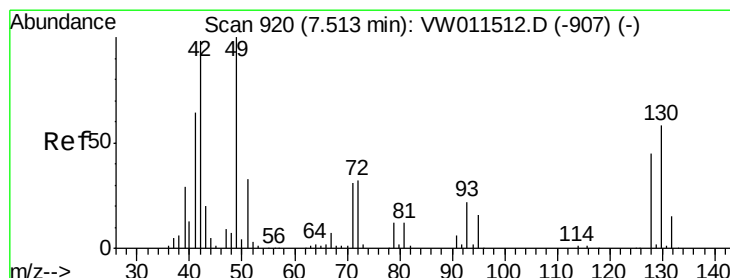
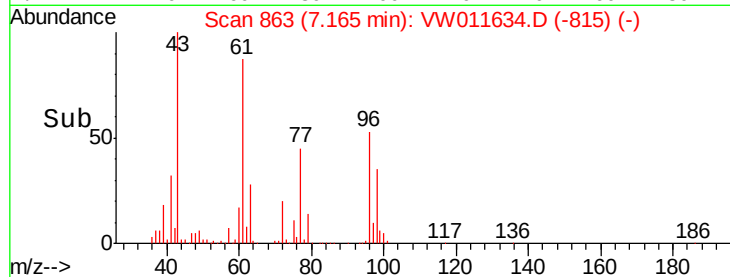
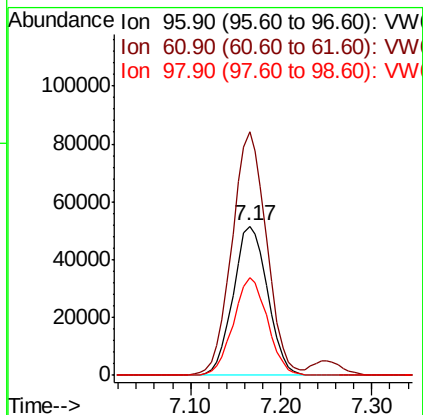
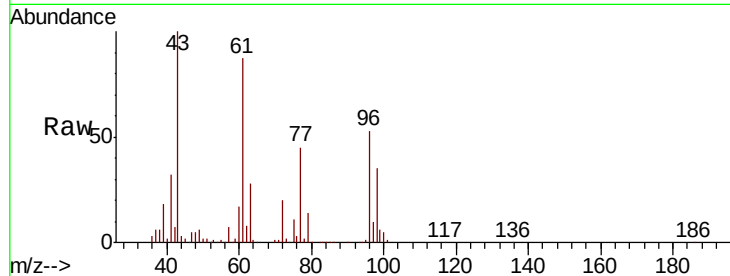


#27

cis-1,2-Dichloroethene
 Concen: 49.691 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW011634.D
 Acq: 02 Aug 2019 21:48

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

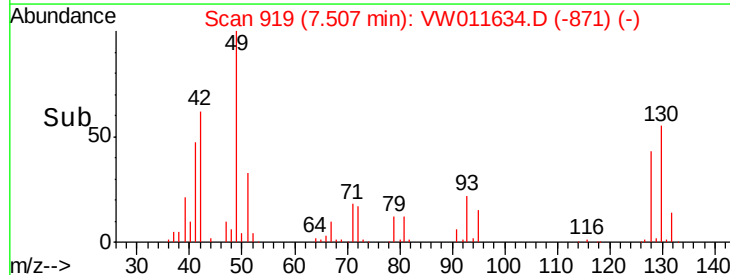
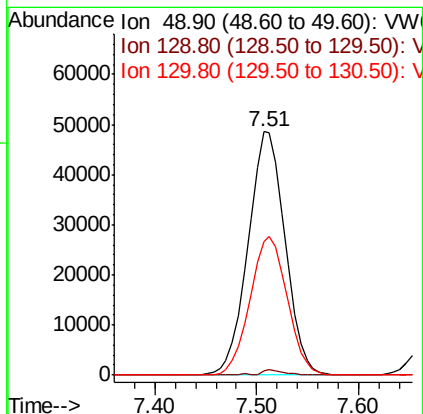
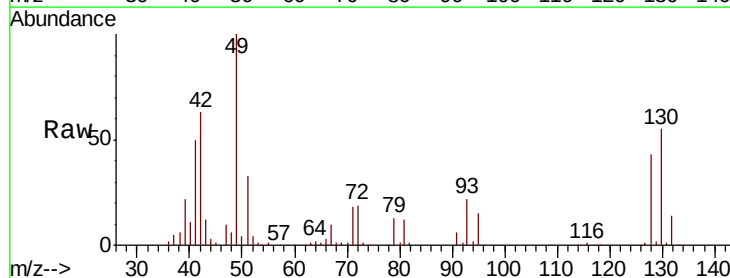
Tgt Ion: 96 Resp: 135340
 Ion Ratio Lower Upper
 96 100
 61 164.6 0.0 328.4
 98 64.7 0.0 128.8

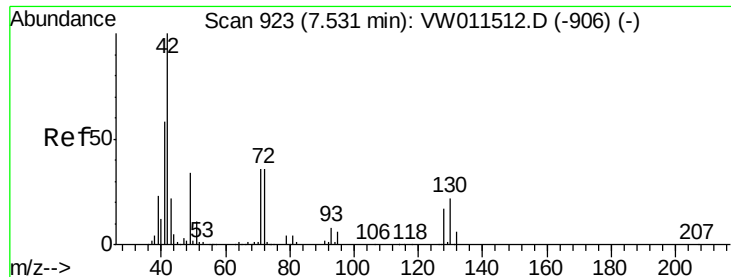


#28

Bromochloromethane
 Concen: 55.921 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW011634.D
 Acq: 02 Aug 2019 21:48

Tgt Ion: 49 Resp: 122360
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 1.0#
 130 57.4 46.3 69.5

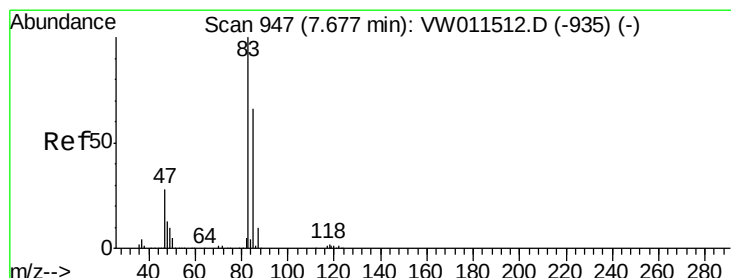
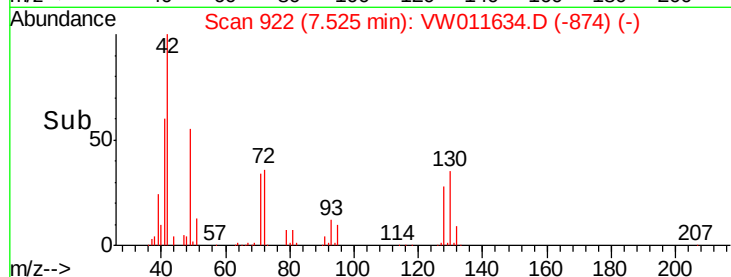
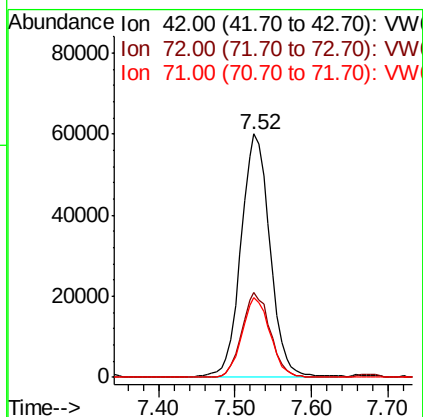
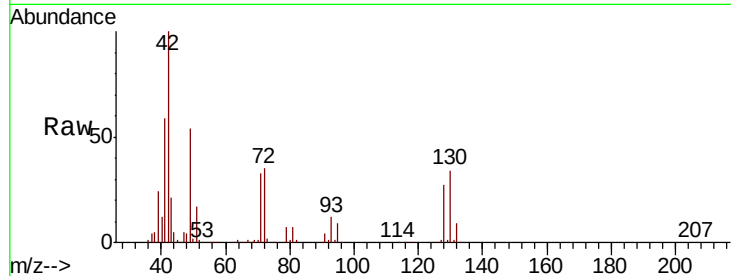




#29
Tetrahydrofuran
Concen: 261.471 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW011634.D
Acq: 02 Aug 2019 21:48

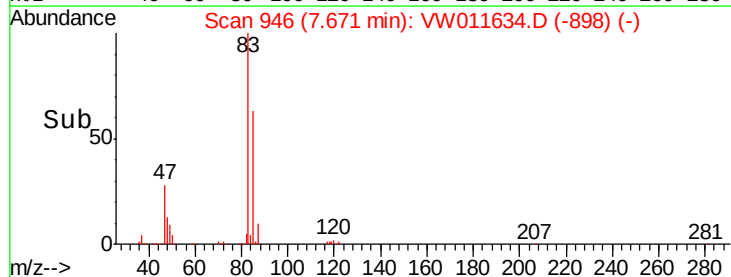
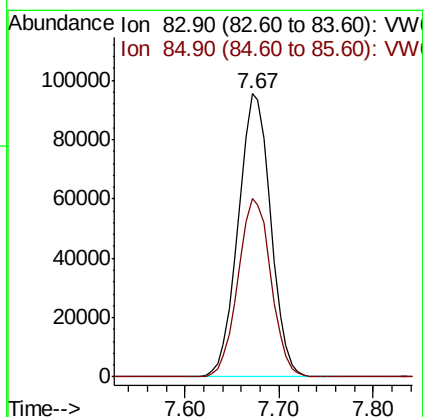
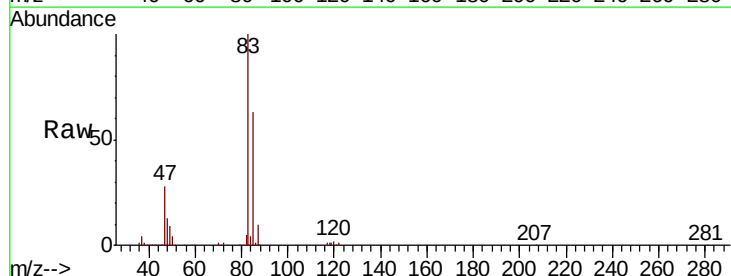
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

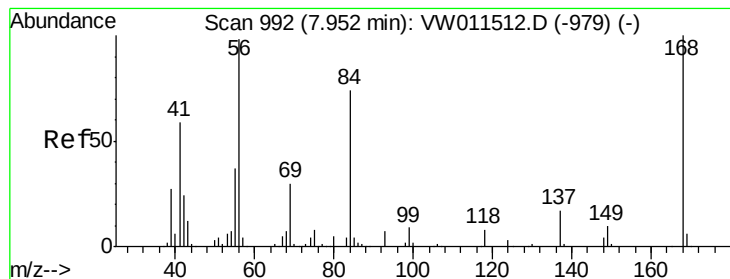
Tgt Ion: 42 Resp: 157446
Ion Ratio Lower Upper
42 100
72 34.3 27.1 40.7
71 32.1 26.2 39.4



#30
Chloroform
Concen: 50.813 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW011634.D
Acq: 02 Aug 2019 21:48

Tgt Ion: 83 Resp: 231094
Ion Ratio Lower Upper
83 100
85 62.9 52.5 78.7

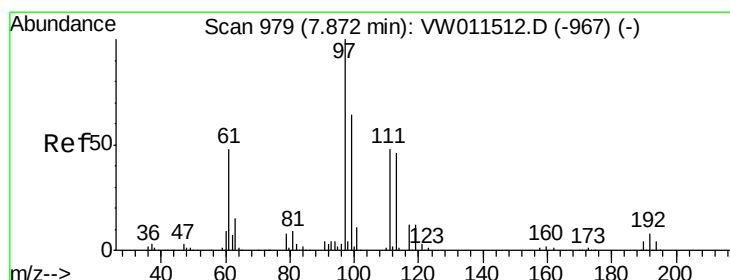
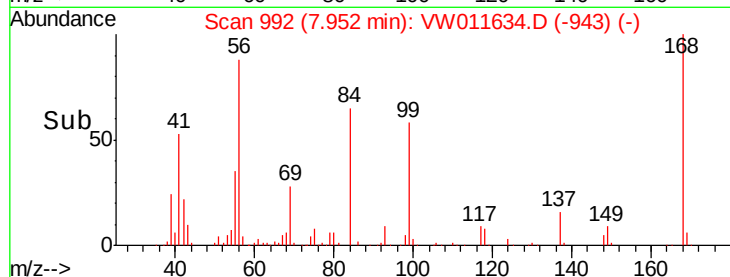
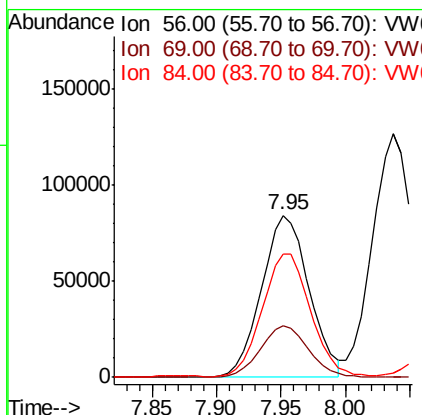
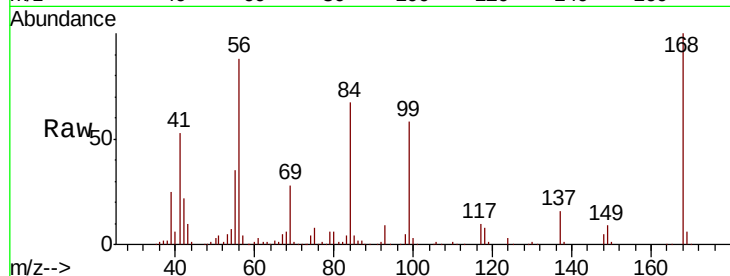




#31
Cyclohexane
Concen: 45.698 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW011634.D
Acq: 02 Aug 2019 21:48

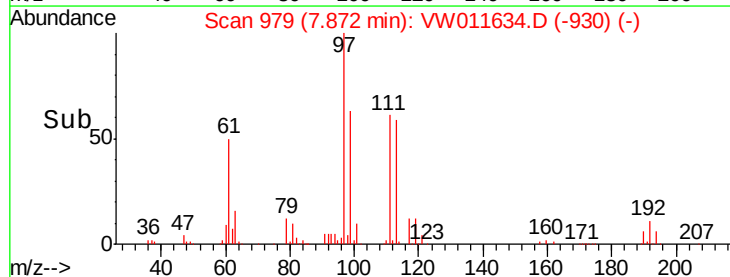
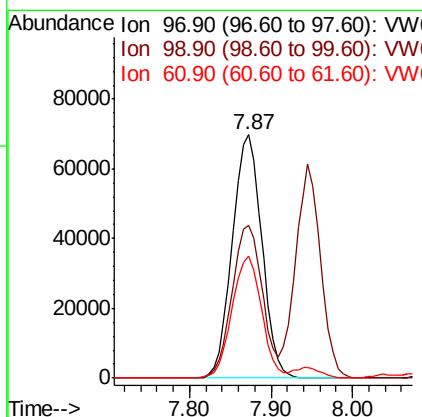
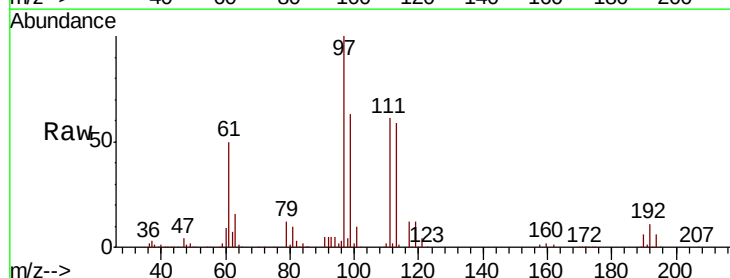
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

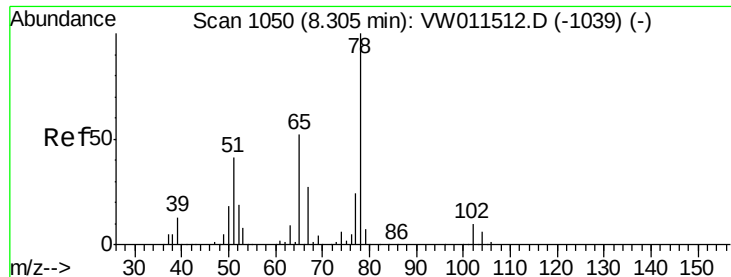
Tgt Ion: 56 Resp: 216245
Ion Ratio Lower Upper
56 100
69 31.5 24.3 36.5
84 74.7 60.4 90.6



#32
1,1,1-Trichloroethane
Concen: 50.478 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW011634.D
Acq: 02 Aug 2019 21:48

Tgt Ion: 97 Resp: 174833
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.6
61 50.0 39.8 59.6

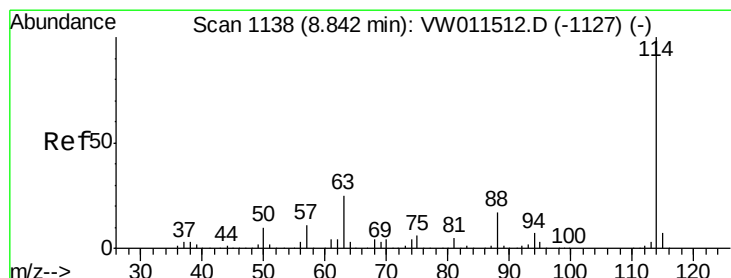
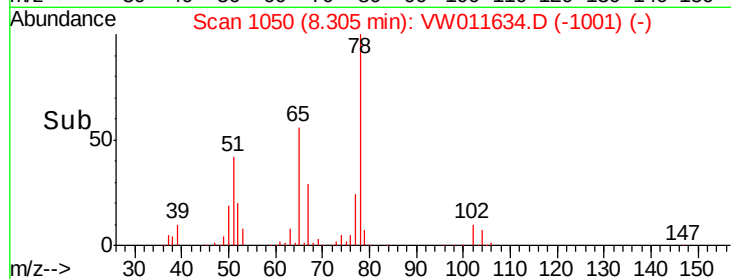
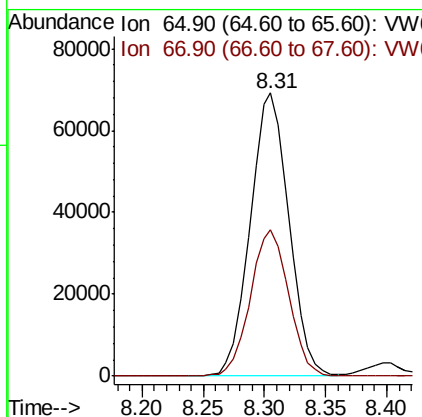
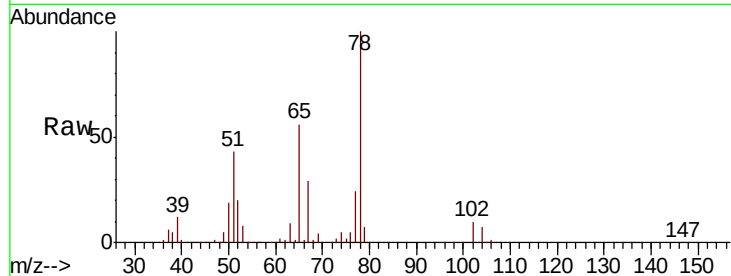




#33
 1,2-Dichloroethane-d4
 Concen: 59.947 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011634.D
 Acq: 02 Aug 2019 21:48

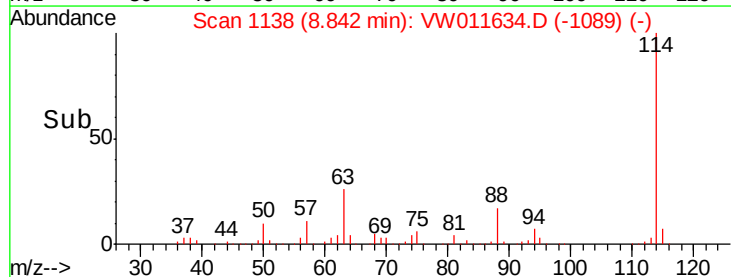
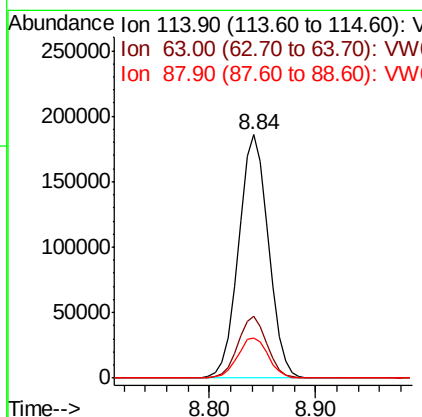
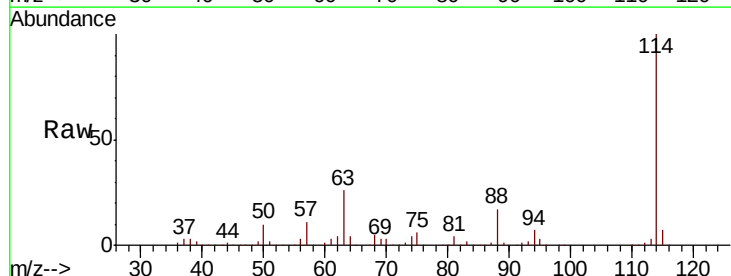
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

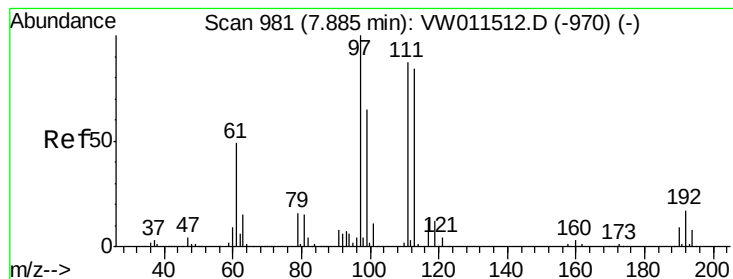
Tgt Ion: 65 Resp: 151717
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011634.D
 Acq: 02 Aug 2019 21:48

Tgt Ion: 114 Resp: 364956
 Ion Ratio Lower Upper
 114 100
 63 25.6 0.0 49.2
 88 16.7 0.0 33.8





#35

Dibromofluoromethane

Concen: 59.076 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW011634.D

Acq: 02 Aug 2019 21:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

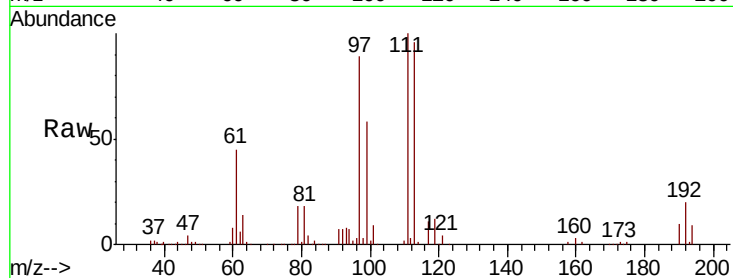
Tgt Ion:113 Resp: 120956

Ion Ratio Lower Upper

113 100

111 102.9 82.7 124.1

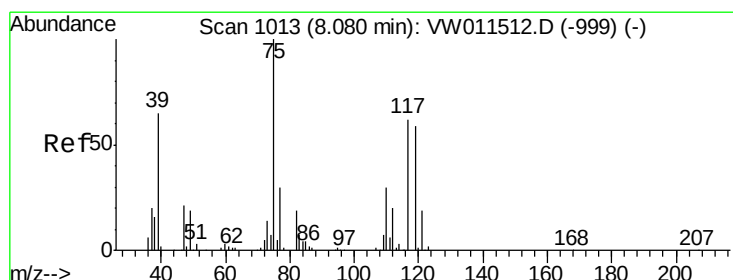
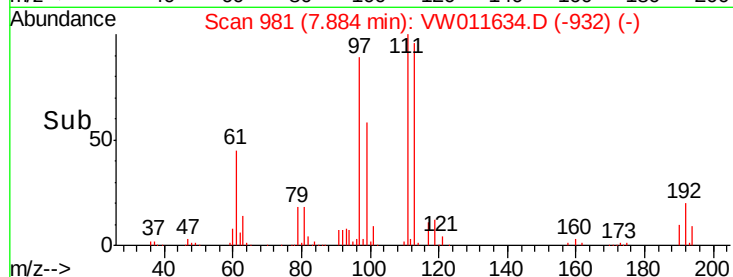
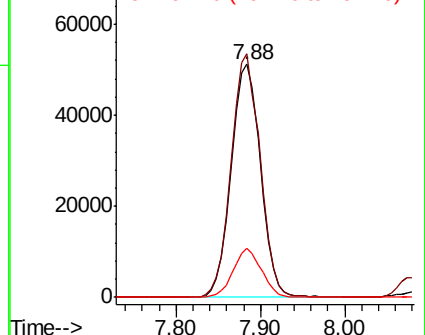
192 20.0 16.1 24.1



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: 47.927 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW011634.D

Acq: 02 Aug 2019 21:48

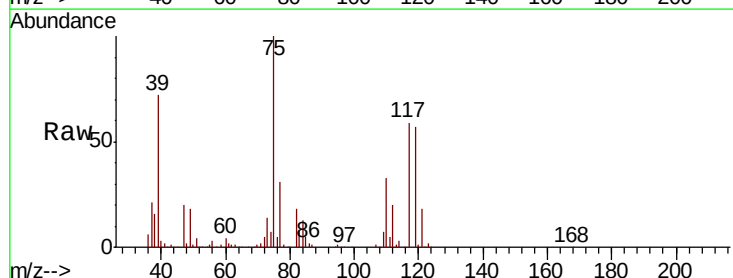
Tgt Ion: 75 Resp: 181878

Ion Ratio Lower Upper

75 100

110 31.6 15.6 46.8

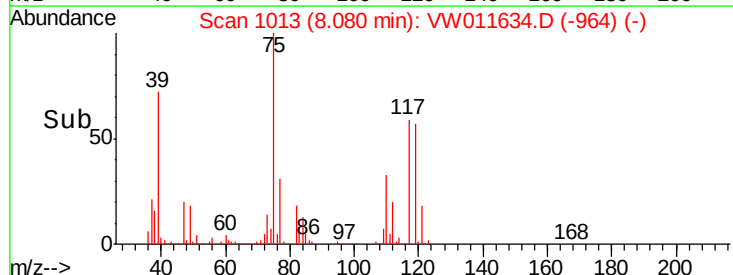
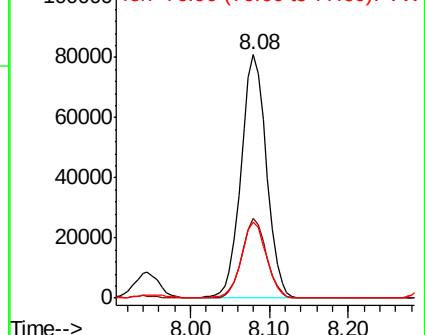
77 30.9 24.3 36.5

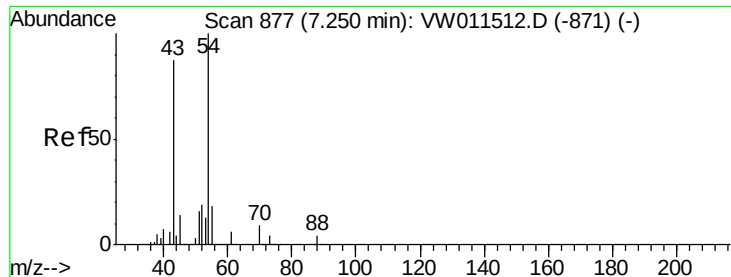


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

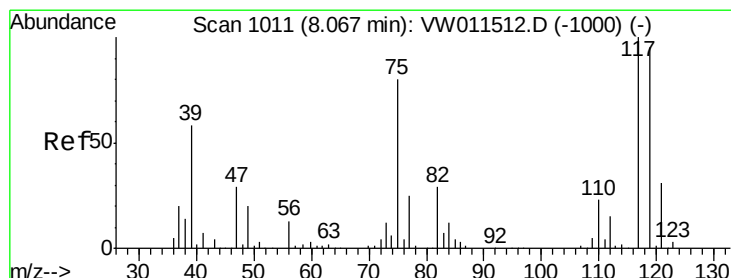
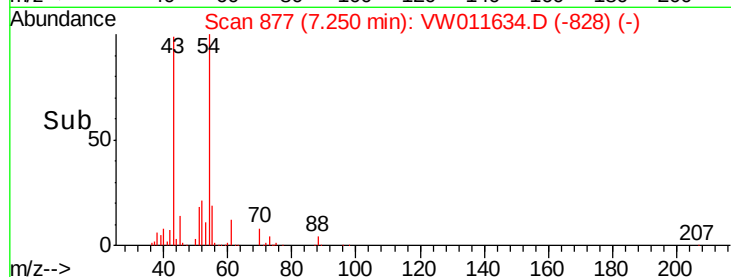
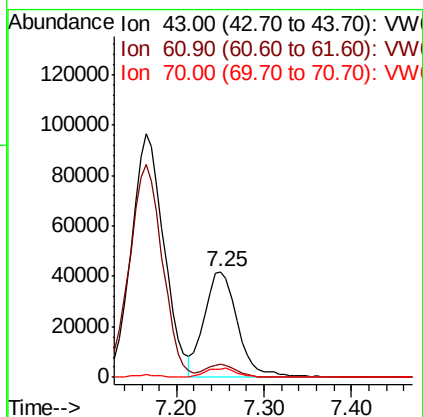
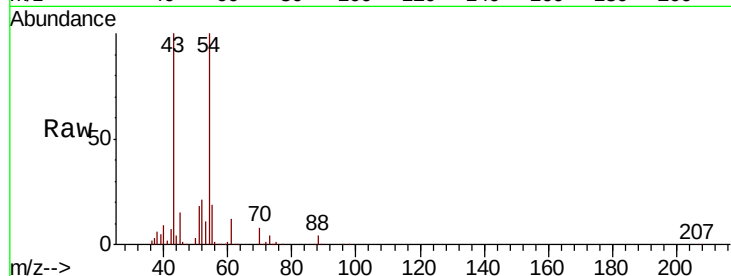




#37
Ethyl Acetate
 Concen: 50.405 ug/l
 RT: 7.25 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: VW011634.D
 Acq: 02 Aug 2019 21:48

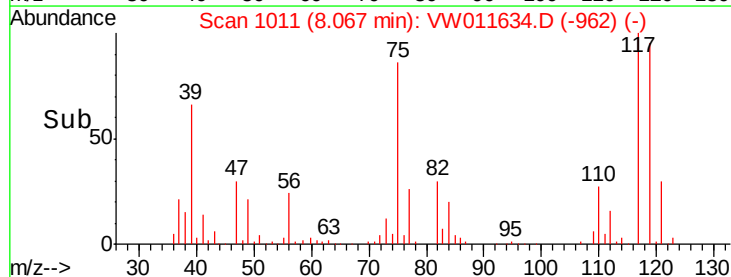
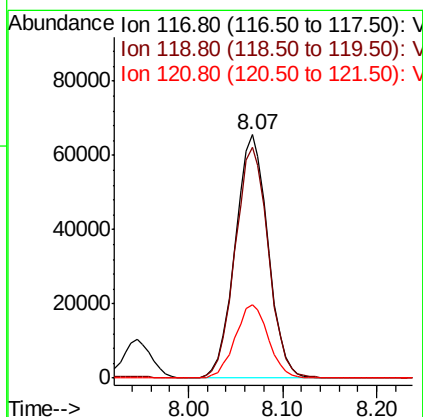
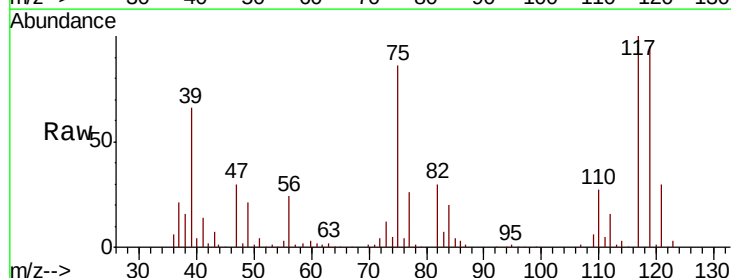
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

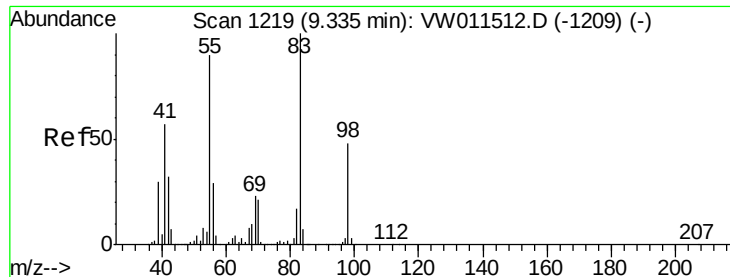
Tgt Ion: 43 Resp: 110050
 Ion Ratio Lower Upper
 43 100
 61 11.3 8.8 13.2
 70 8.4 7.1 10.7



#38
Carbon Tetrachloride
 Concen: 49.107 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: VW011634.D
 Acq: 02 Aug 2019 21:48

Tgt Ion: 117 Resp: 159533
 Ion Ratio Lower Upper
 117 100
 119 94.9 75.8 113.6
 121 30.4 24.7 37.1

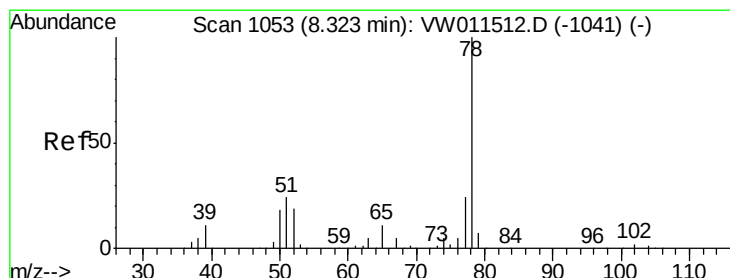
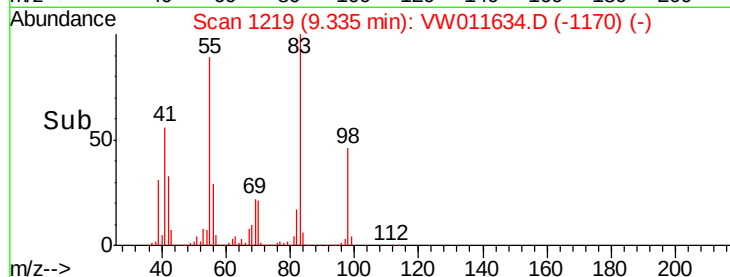
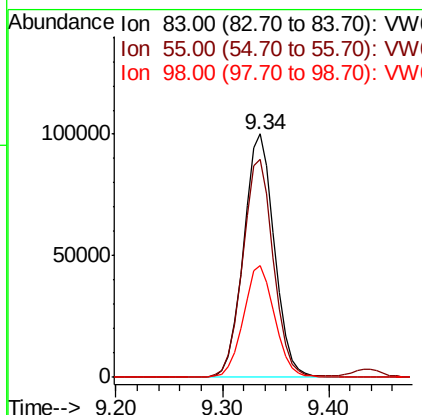
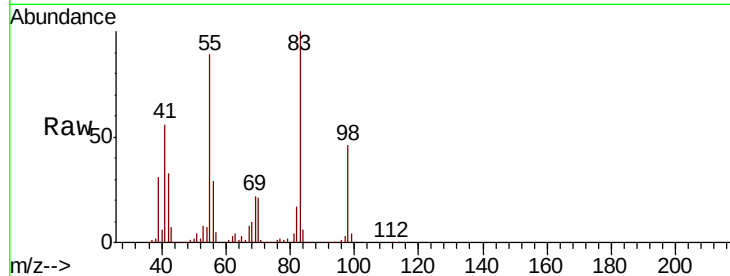




#39
Methylcyclohexane
Concen: 48.710 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW011634.D
Acq: 02 Aug 2019 21:48

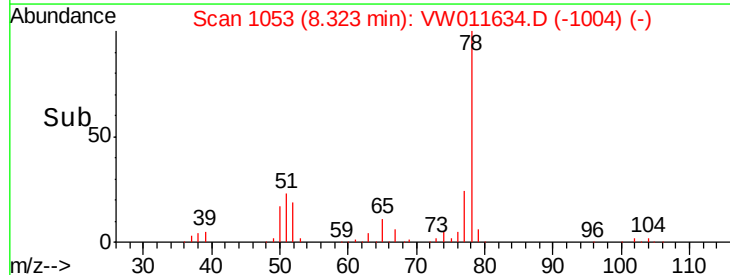
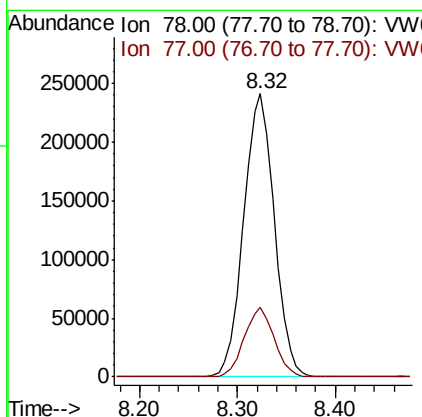
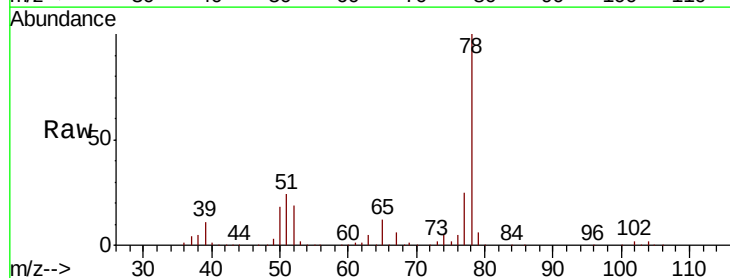
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

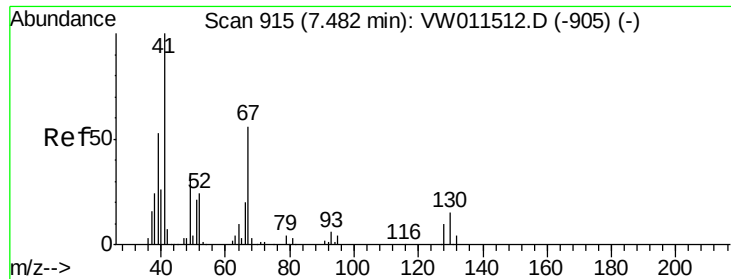
Tgt Ion: 83 Resp: 203539
Ion Ratio Lower Upper
83 100
55 89.5 72.1 108.1
98 46.1 38.6 57.8



#40
Benzene
Concen: 49.305 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW011634.D
Acq: 02 Aug 2019 21:48

Tgt Ion: 78 Resp: 524094
Ion Ratio Lower Upper
78 100
77 24.6 19.4 29.0

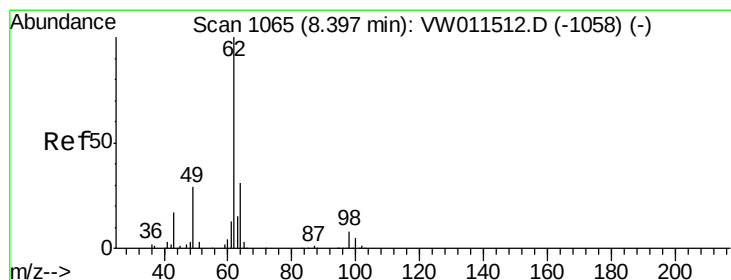
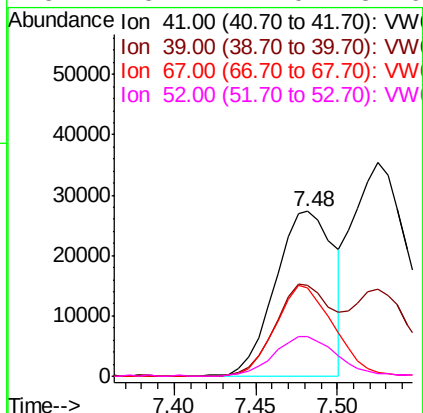
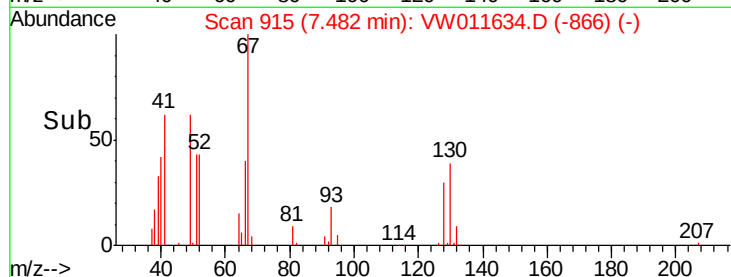
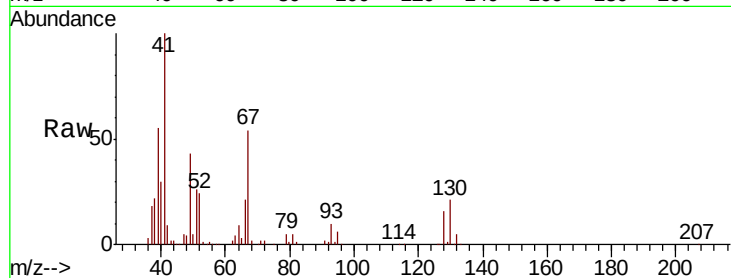




#41
Methacrylonitrile
Concen: 52.335 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW011634.D
Acq: 02 Aug 2019 21:48

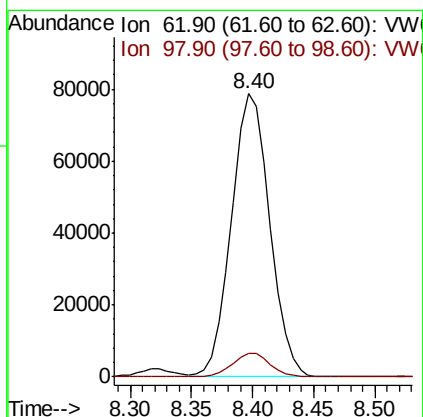
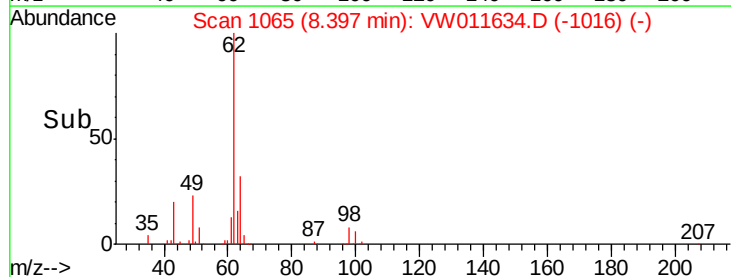
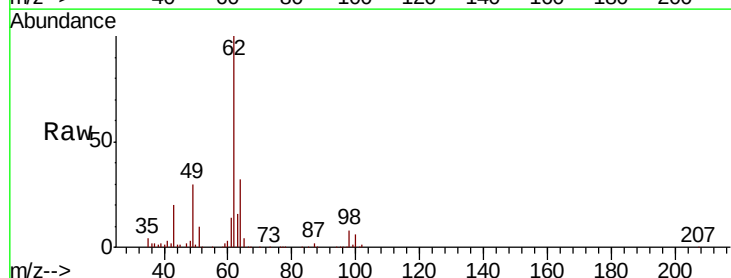
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

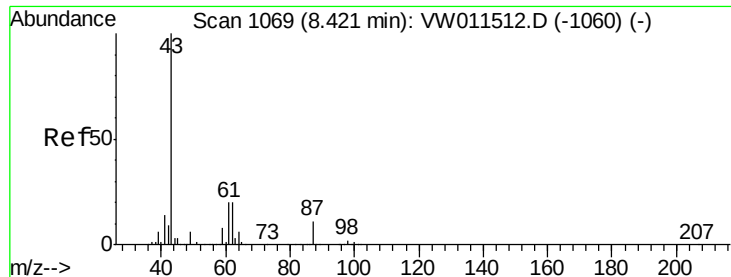
Tgt Ion:	41	Resp:	68303
Ion	Ratio	Lower	Upper
41	100		
39	53.4	43.0	64.4
67	54.9	47.5	71.3
52	25.1	21.0	31.6



#42
1,2-Dichloroethane
Concen: 51.235 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW011634.D
Acq: 02 Aug 2019 21:48

Tgt Ion:	62	Resp:	170509
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.8





#43

Isopropyl Acetate

Concen: 51.709 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW011634.D

Acq: 02 Aug 2019 21:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

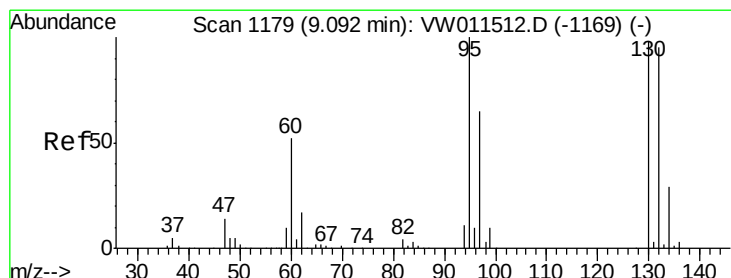
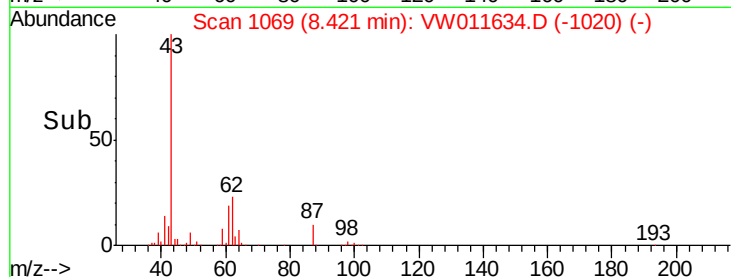
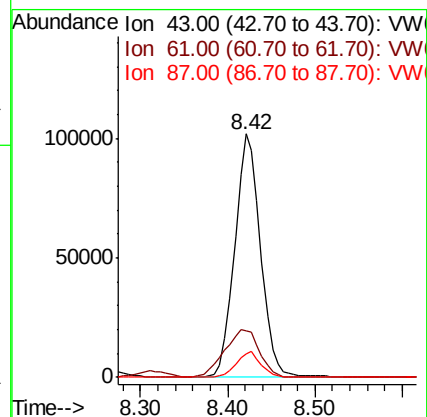
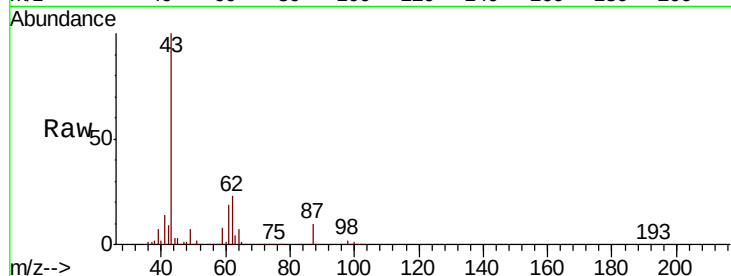
Tgt Ion: 43 Resp: 207625

Ion Ratio Lower Upper

43 100

61 26.8 21.5 32.3

87 10.2 8.4 12.6



#44

Trichloroethene

Concen: 48.642 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW011634.D

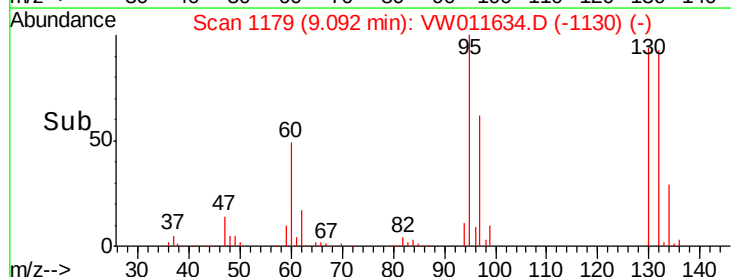
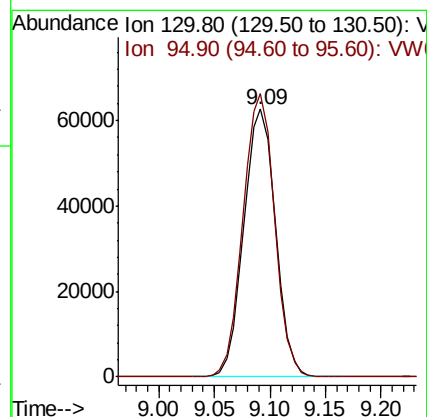
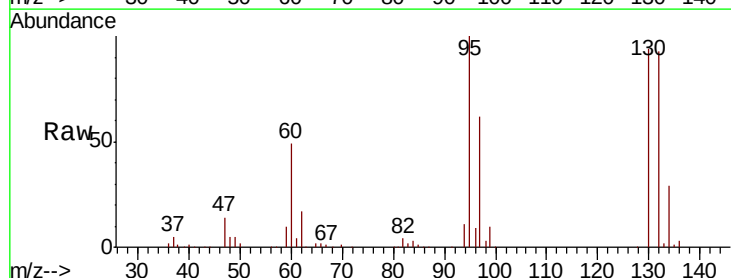
Acq: 02 Aug 2019 21:48

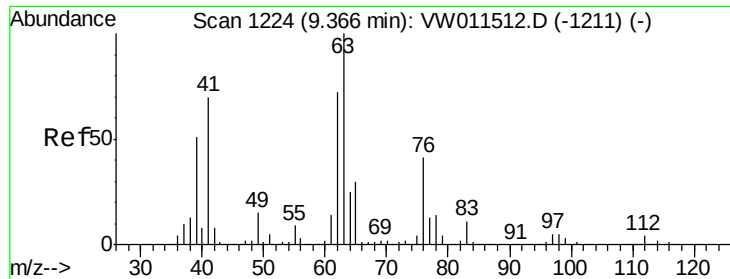
Tgt Ion: 130 Resp: 124272

Ion Ratio Lower Upper

130 100

95 105.8 0.0 204.8

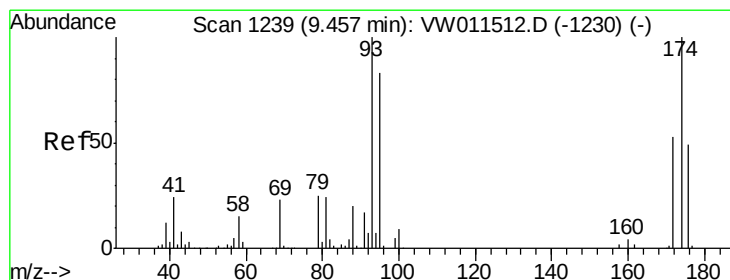
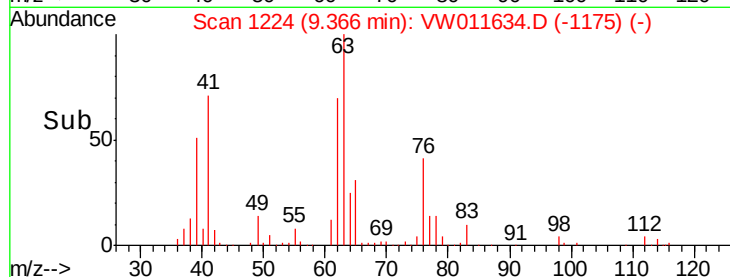
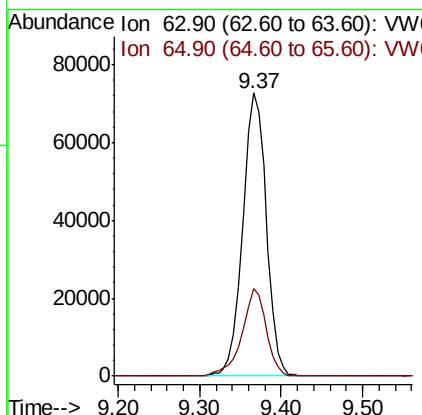
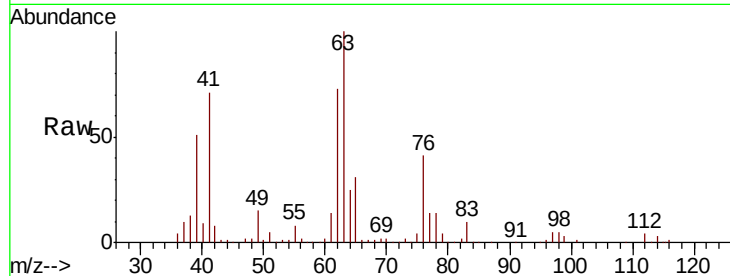




#45
 1,2-Dichloropropane
 Concen: 51.369 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW011634.D
 Acq: 02 Aug 2019 21:48

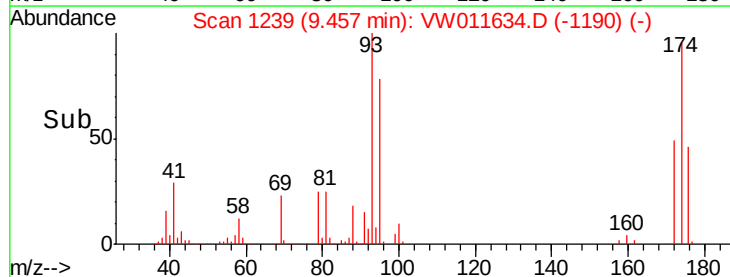
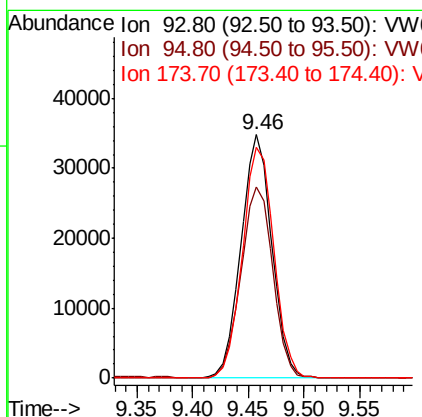
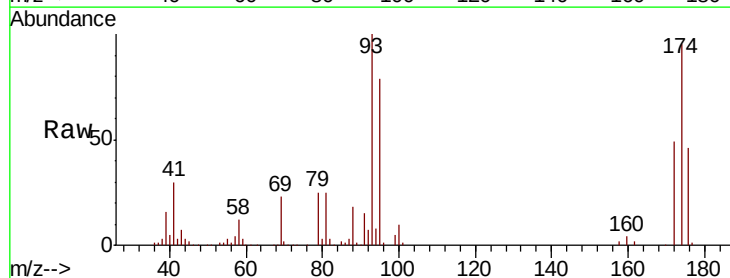
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

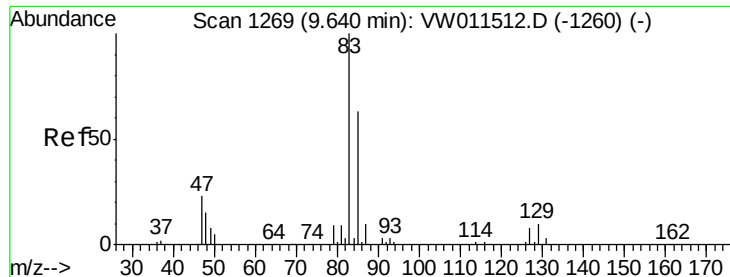
Tgt Ion: 63 Resp: 146102
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.2 36.4



#46
 Dibromomethane
 Concen: 51.525 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW011634.D
 Acq: 02 Aug 2019 21:48

Tgt Ion: 93 Resp: 66886
 Ion Ratio Lower Upper
 93 100
 95 81.7 66.2 99.2
 174 97.4 78.2 117.4





#47

Bromodichloromethane

Concen: 51.901 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW011634.D

Acq: 02 Aug 2019 21:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

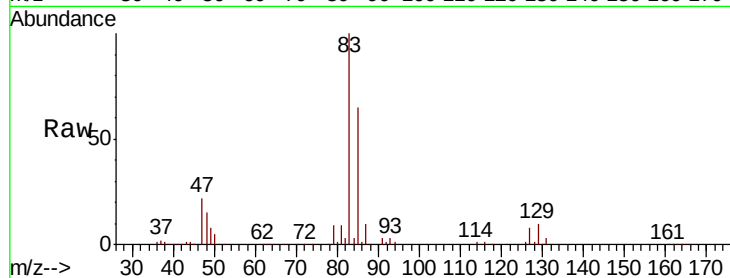
Tgt Ion: 83 Resp: 176729

Ion Ratio Lower Upper

83 100

85 64.6 50.5 75.7

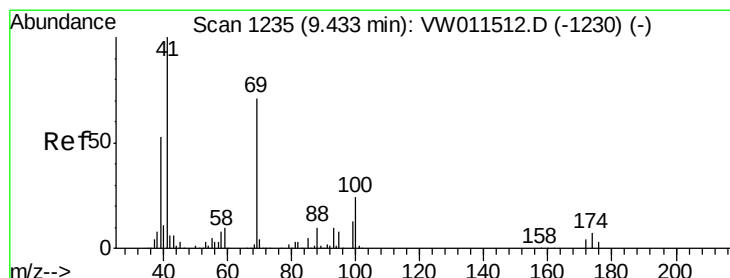
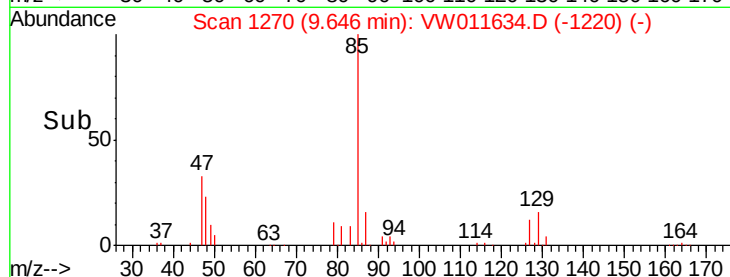
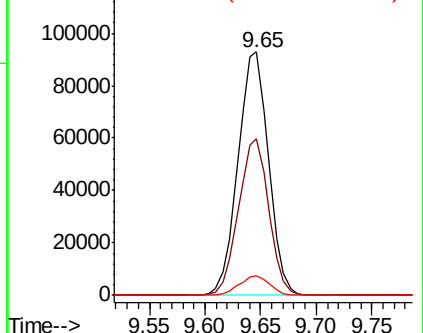
127 7.9 6.4 9.6



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: 52.936 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW011634.D

Acq: 02 Aug 2019 21:48

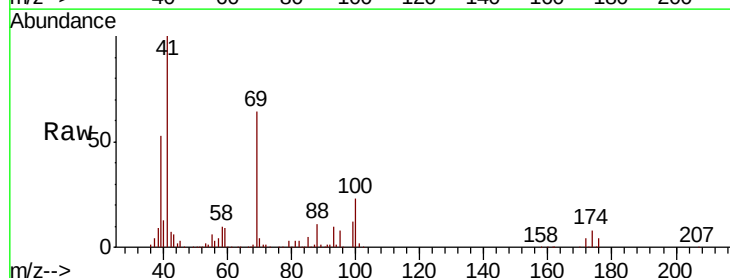
Tgt Ion: 41 Resp: 102102

Ion Ratio Lower Upper

41 100

69 70.2 57.1 85.7

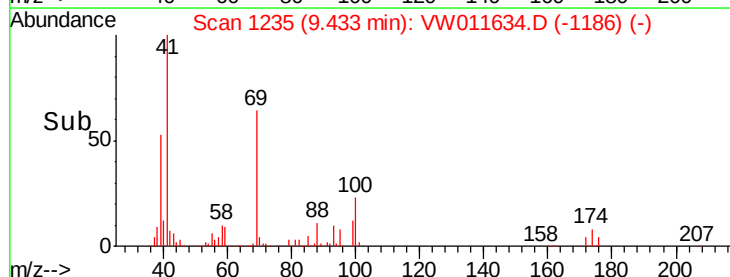
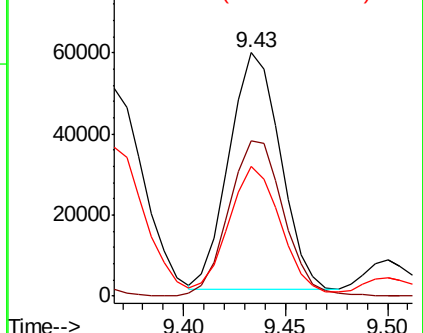
39 52.8 45.4 68.2

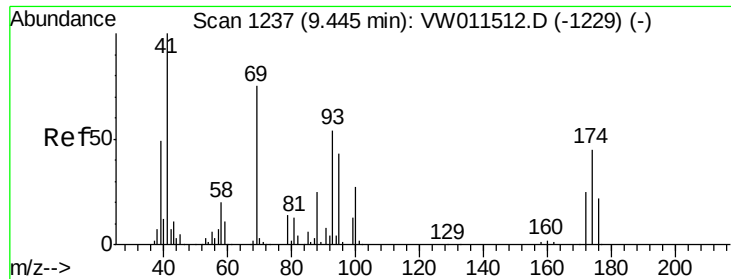


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

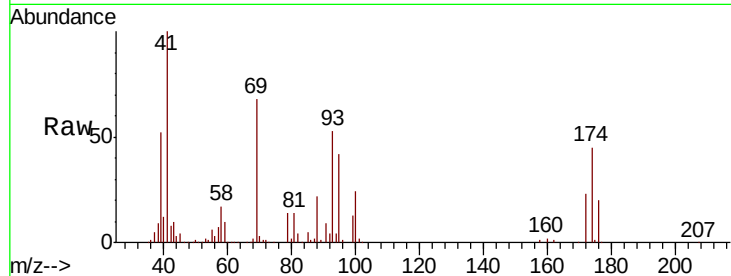




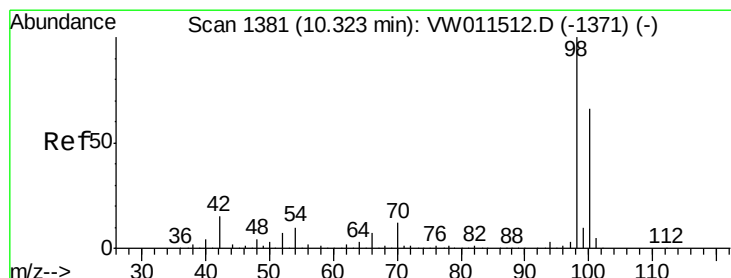
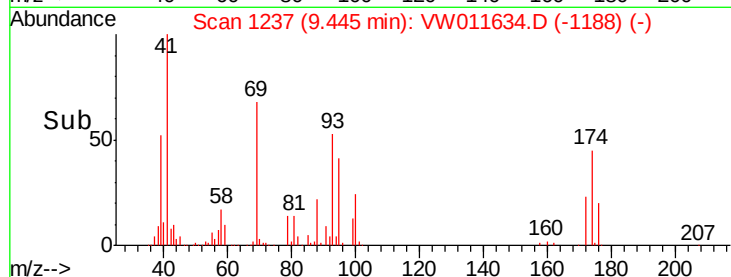
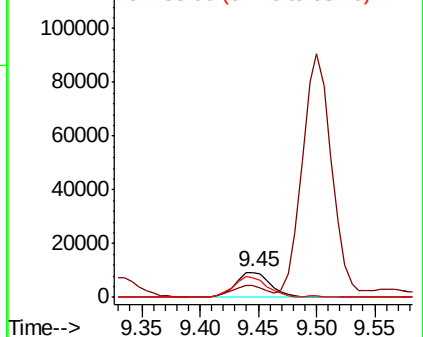
#49
 1,4-Dioxane
 Concen: 1053.365 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VW011634.D
 Acq: 02 Aug 2019 21:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 88 Resp: 19799
 Ion Ratio Lower Upper
 88 100
 43 43.5 34.0 51.0
 58 81.3 69.7 104.5

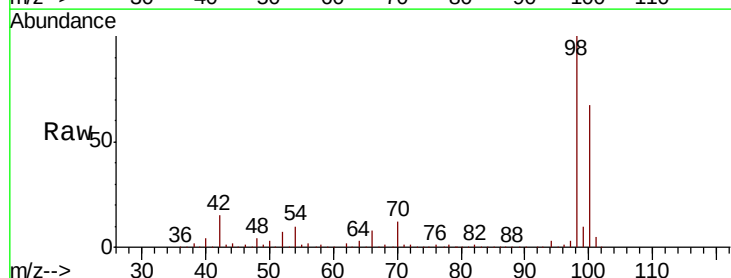


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

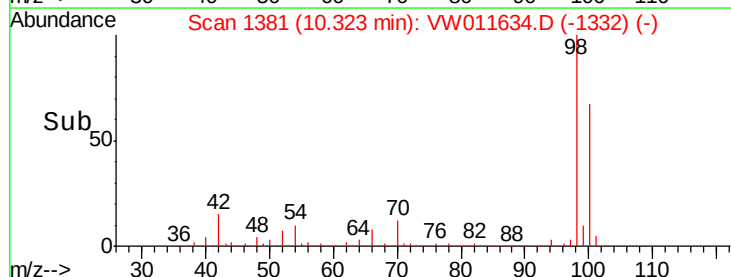
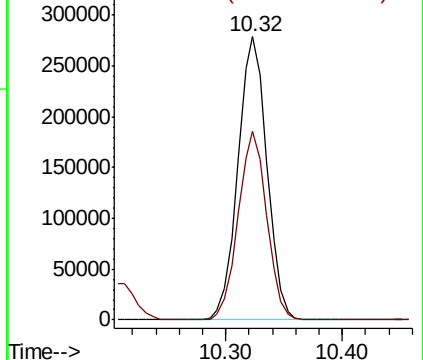


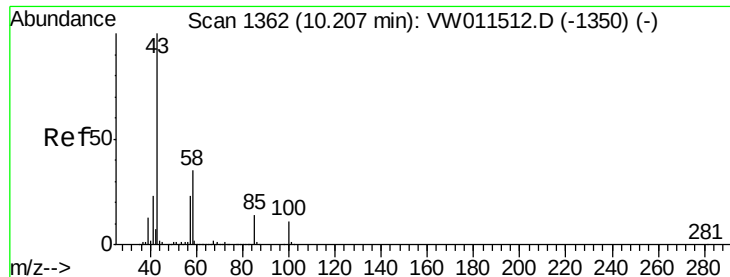
#50
 Toluene-d8
 Concen: 57.786 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW011634.D
 Acq: 02 Aug 2019 21:48

Tgt Ion: 98 Resp: 484420
 Ion Ratio Lower Upper
 98 100
 100 65.8 52.7 79.1



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

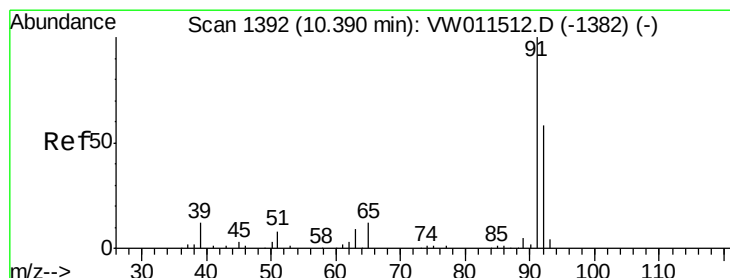
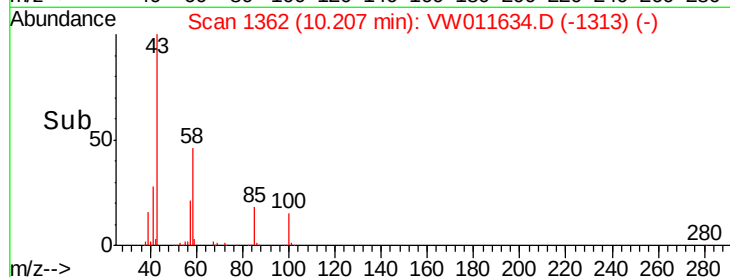
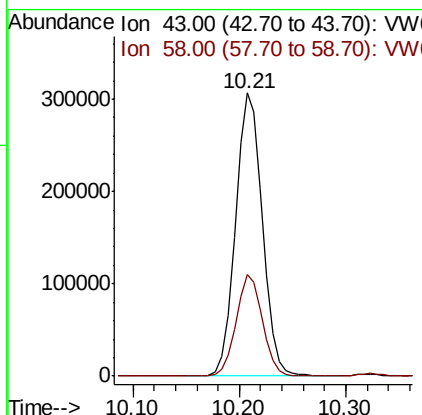
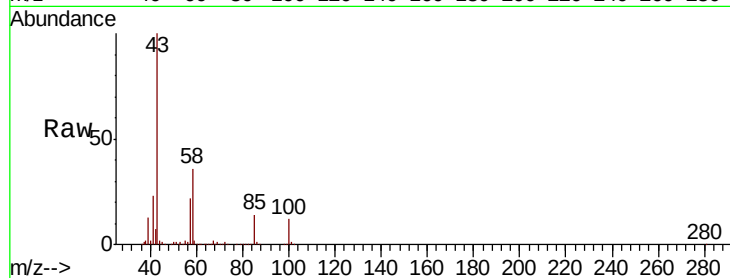




#51
 4-Methyl-2-Pentanone
 Concen: 258.964 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW011634.D
 Acq: 02 Aug 2019 21:48

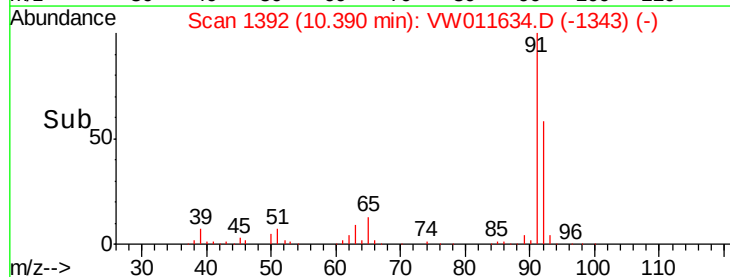
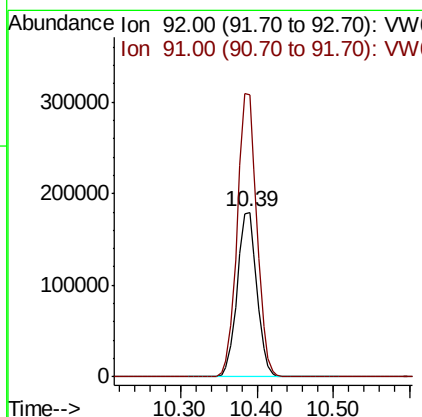
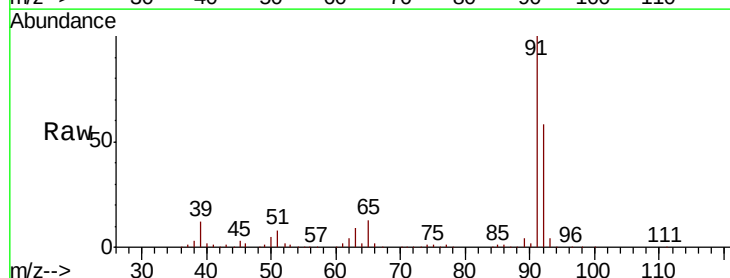
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

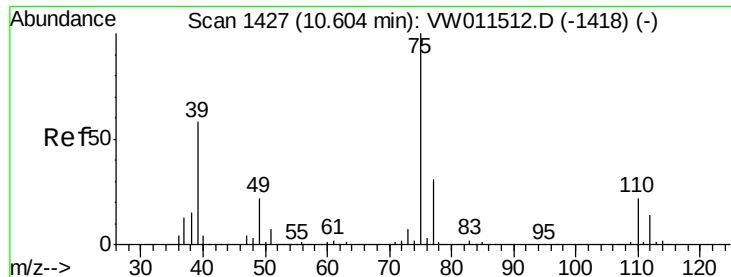
Tgt Ion: 43 Resp: 540854
 Ion Ratio Lower Upper
 43 100
 58 35.2 28.2 42.2



#52
 Toluene
 Concen: 49.596 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW011634.D
 Acq: 02 Aug 2019 21:48

Tgt Ion: 92 Resp: 318371
 Ion Ratio Lower Upper
 92 100
 91 172.0 136.7 205.1

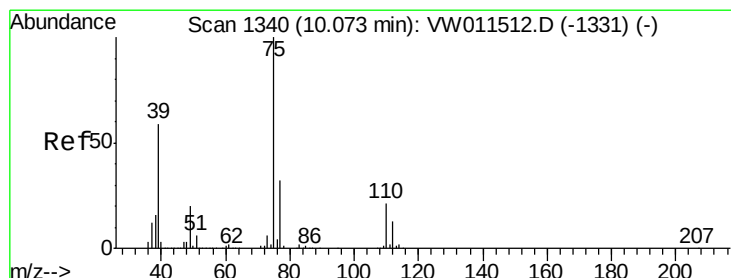
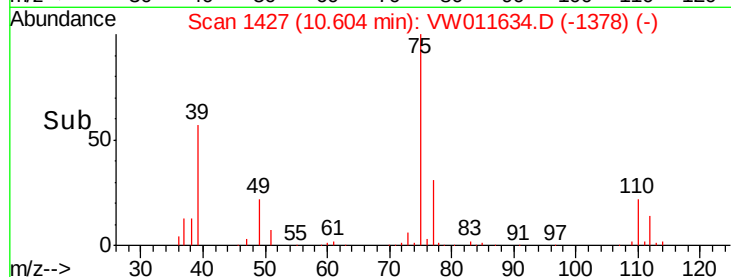
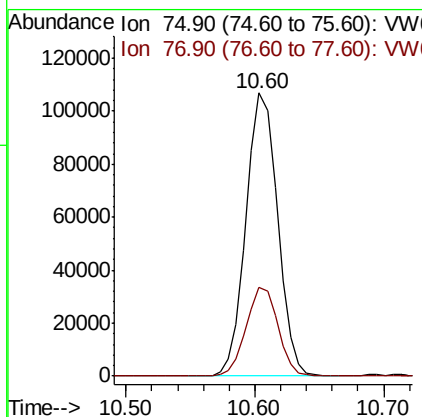
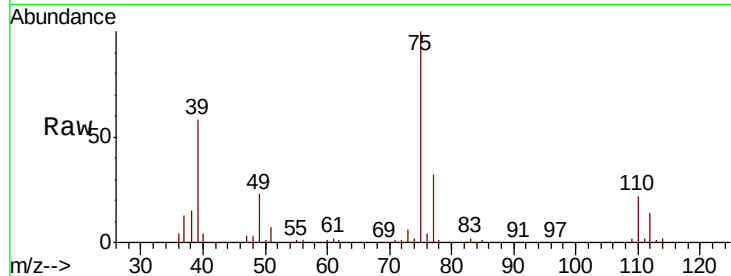




#53
t-1,3-Dichloropropene
Concen: 51.138 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW011634.D
Acq: 02 Aug 2019 21:48

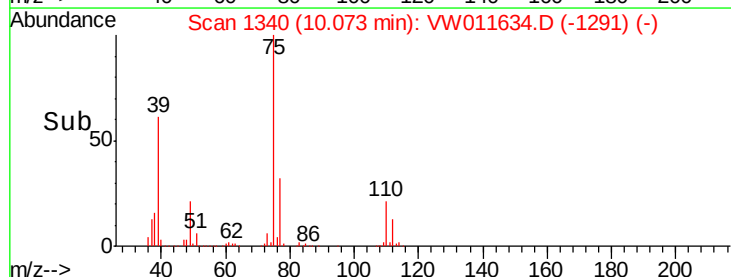
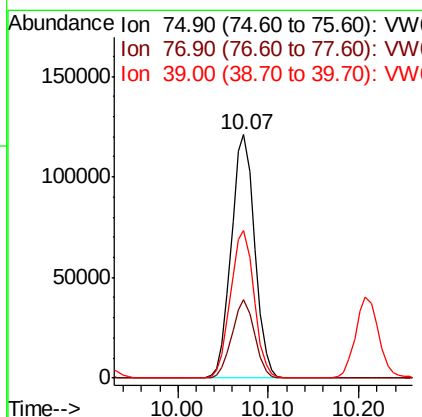
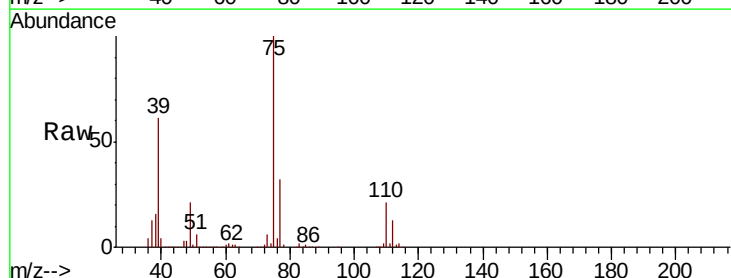
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

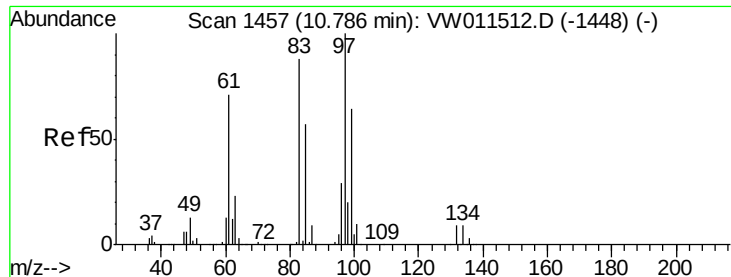
Tgt Ion: 75 Resp: 181901
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 51.347 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW011634.D
Acq: 02 Aug 2019 21:48

Tgt Ion: 75 Resp: 217164
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4
39 60.8 47.0 70.4

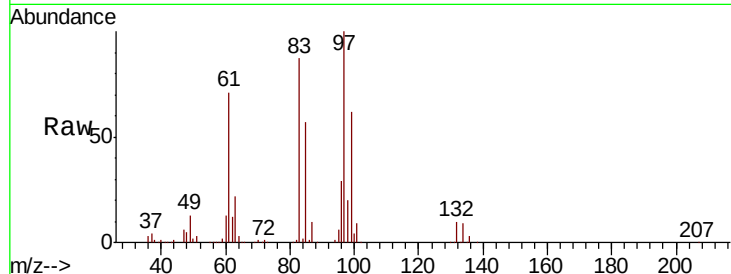




#55
 1,1,2-Trichloroethane
 Concen: 51.340 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW011634.D
 Acq: 02 Aug 2019 21:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	94561
Ion	Ratio	Lower	Upper
97	100		
83	86.8	70.5	105.7
85	56.8	45.8	68.6
99	61.9	51.0	76.4



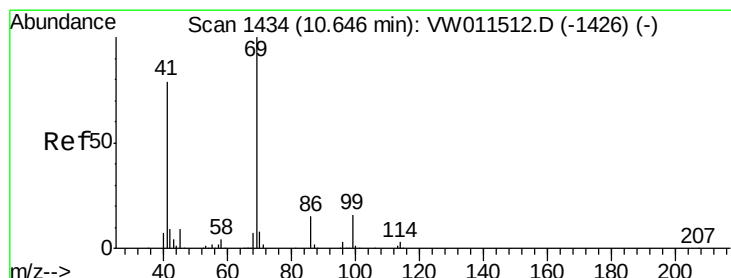
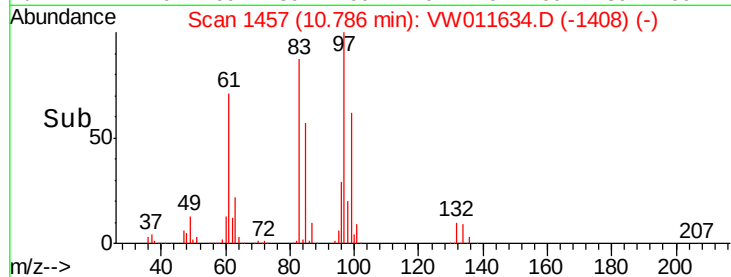
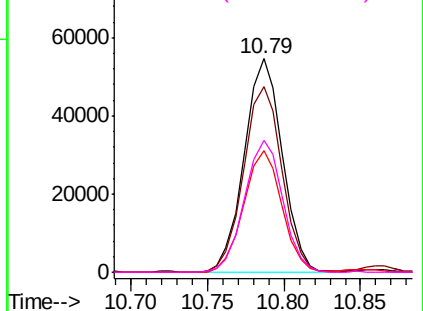
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

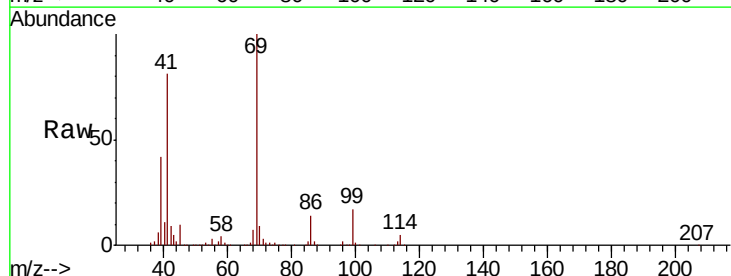
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 52.269 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW011634.D
 Acq: 02 Aug 2019 21:48

Tgt Ion:	69	Resp:	140875
Ion	Ratio	Lower	Upper
69	100		
41	85.1	66.6	99.8
39	39.8	30.3	45.5

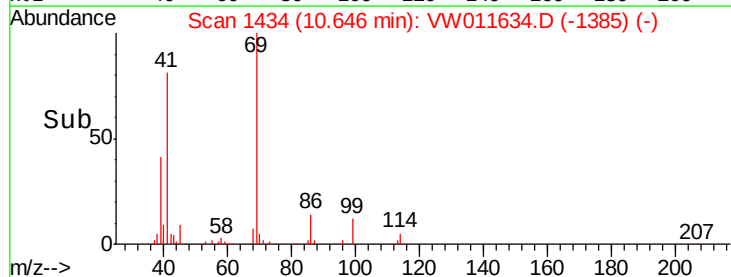
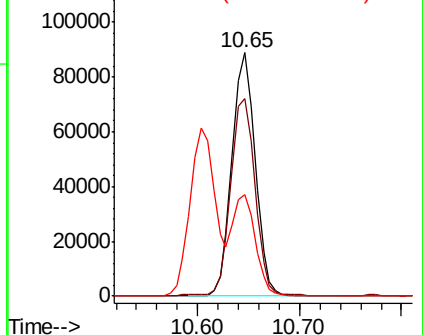


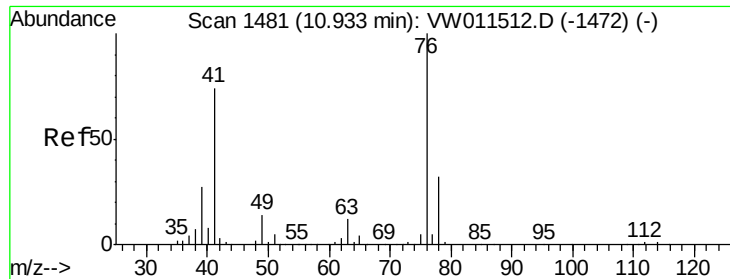
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

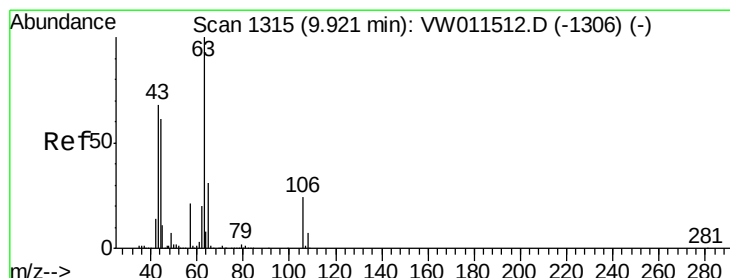
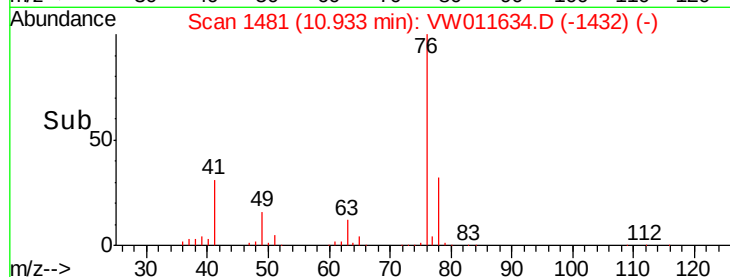
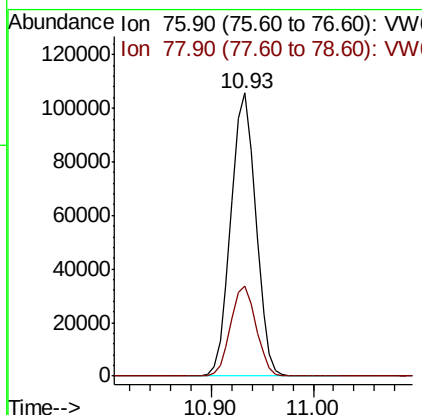
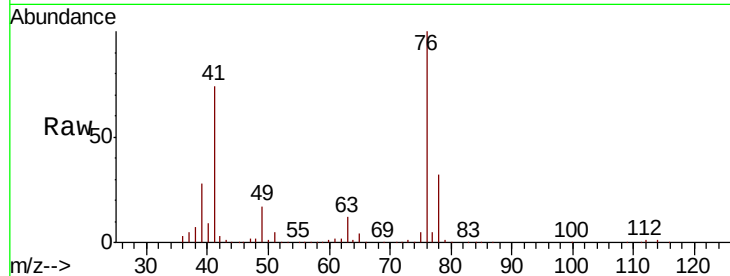




#57
 1,3-Dichloropropane
 Concen: 51.364 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW011634.D
 Acq: 02 Aug 2019 21:48

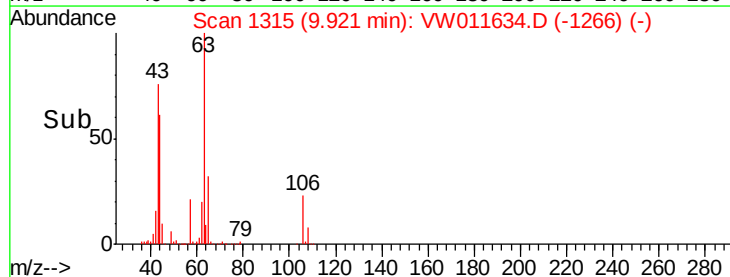
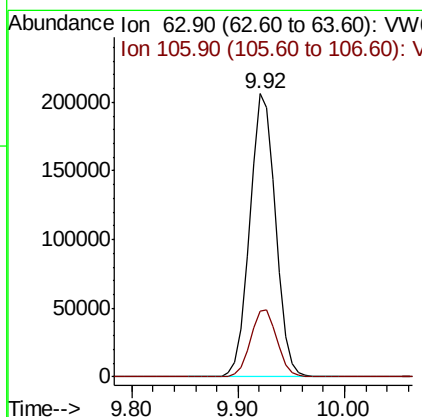
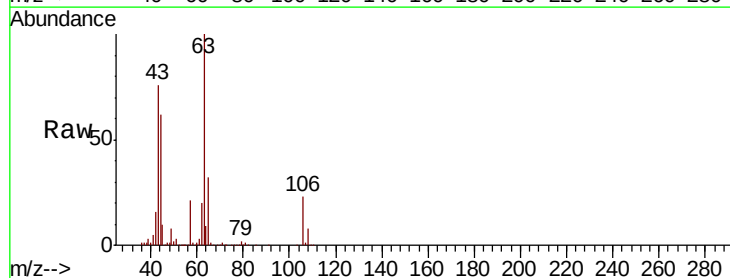
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

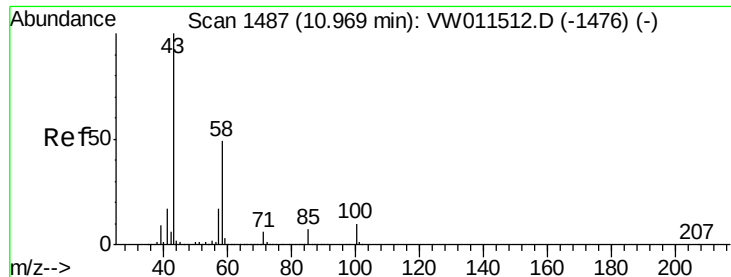
Tgt Ion: 76 Resp: 178980
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 286.709 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW011634.D
 Acq: 02 Aug 2019 21:48

Tgt Ion: 63 Resp: 350854
 Ion Ratio Lower Upper
 63 100
 106 24.4 19.7 29.5

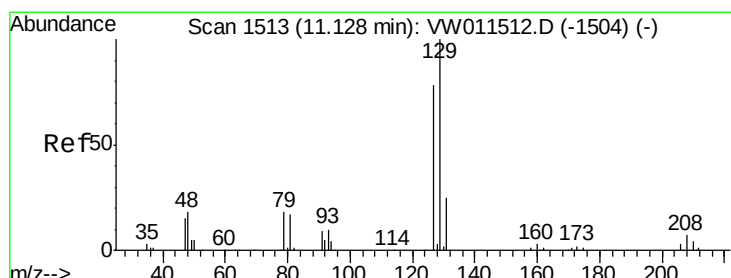
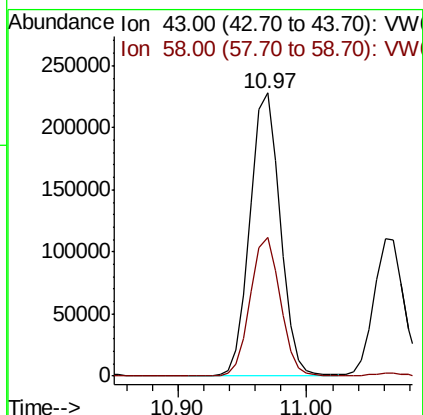
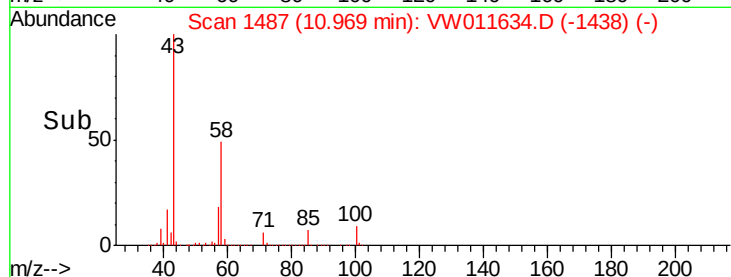
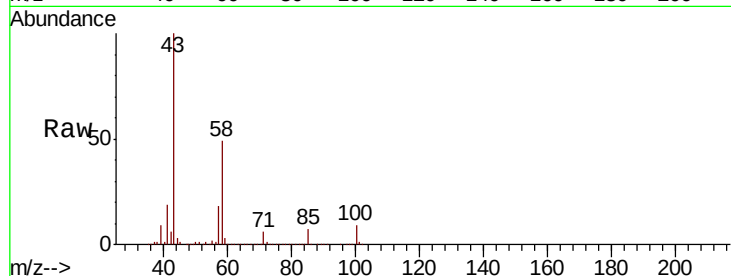




#59
2-Hexanone
Concen: 250.157 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW011634.D
Acq: 02 Aug 2019 21:48

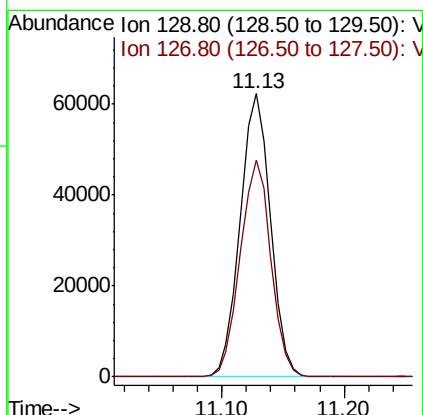
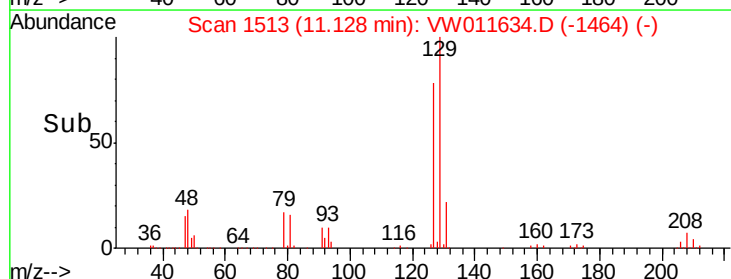
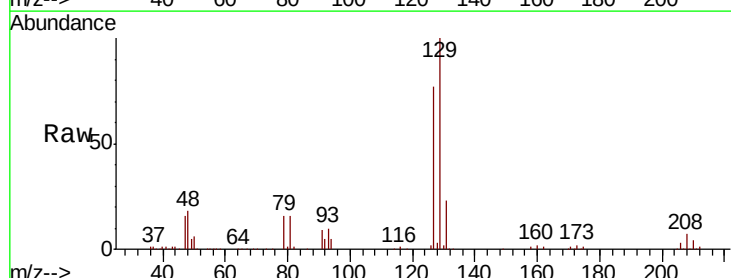
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

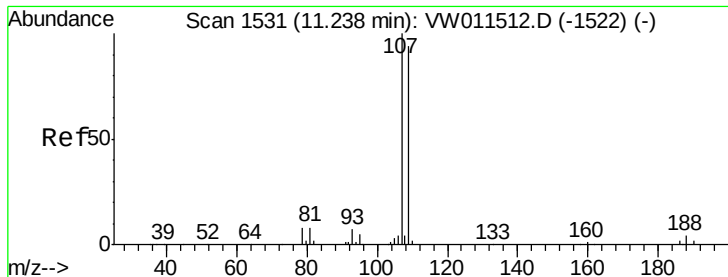
Tgt Ion: 43 Resp: 368890
Ion Ratio Lower Upper
43 100
58 49.0 24.3 72.9



#60
Dibromochloromethane
Concen: 52.547 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW011634.D
Acq: 02 Aug 2019 21:48

Tgt Ion: 129 Resp: 107432
Ion Ratio Lower Upper
129 100
127 77.2 38.9 116.7





#61

1,2-Dibromoethane

Concen: 51.099 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW011634.D

Acq: 02 Aug 2019 21:48

Instrument :

MSVOA_W

ClientSampleId :

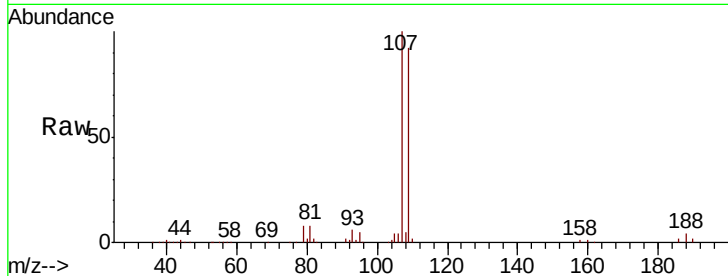
VSTDCCC050

Tgt Ion: 107 Resp: 89066

Ion Ratio Lower Upper

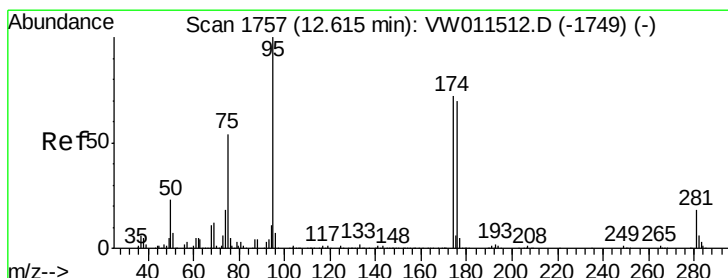
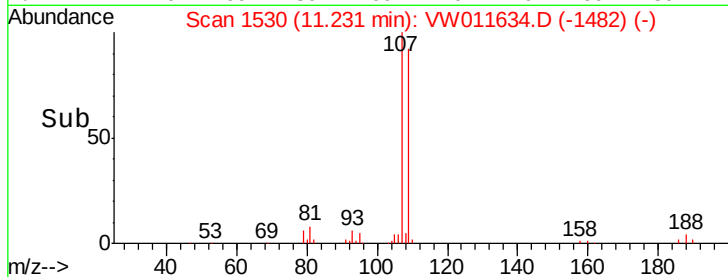
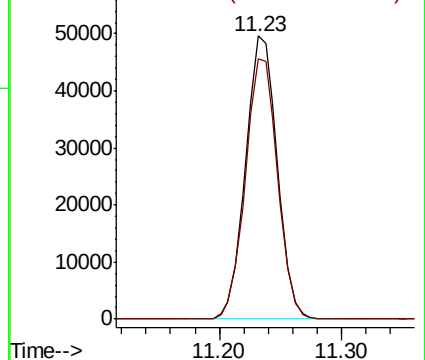
107 100

109 93.8 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 58.332 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW011634.D

Acq: 02 Aug 2019 21:48

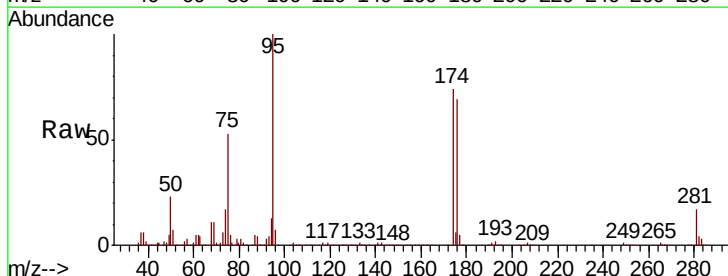
Tgt Ion: 95 Resp: 174337

Ion Ratio Lower Upper

95 100

174 75.8 0.0 150.2

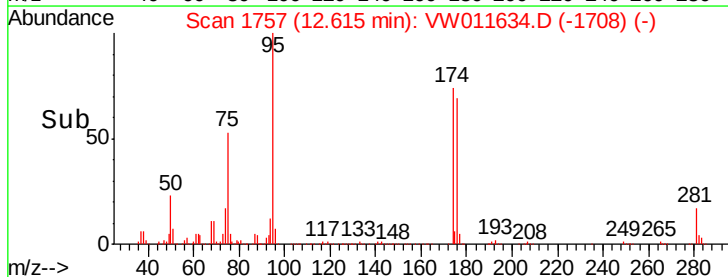
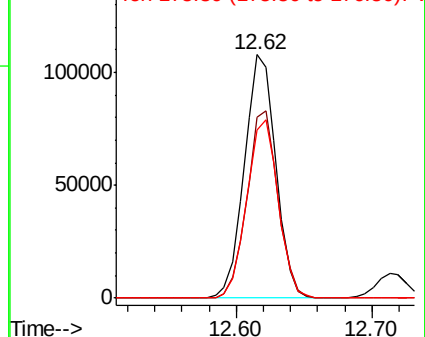
176 73.6 0.0 144.4

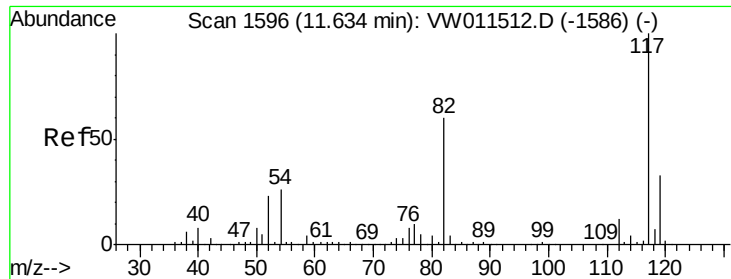


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

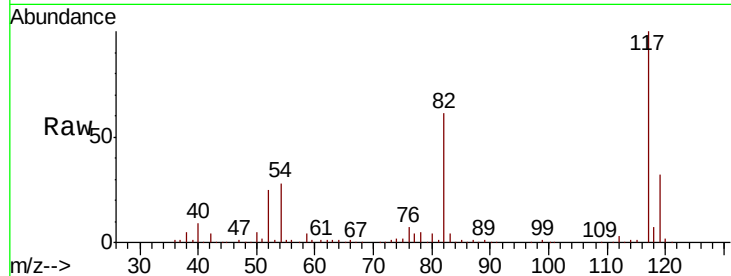




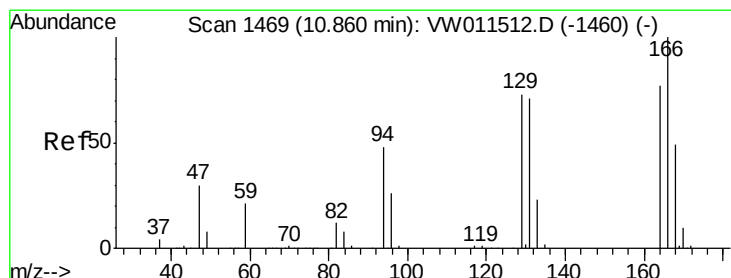
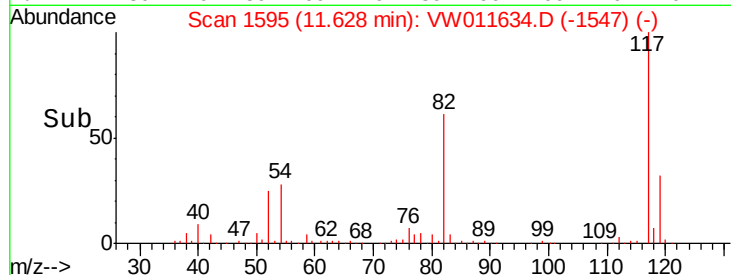
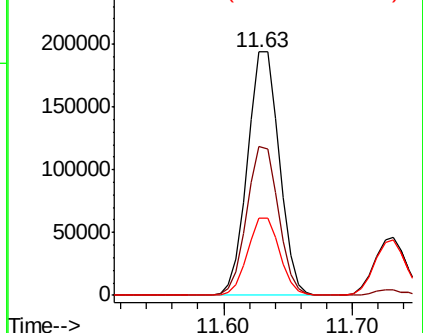
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011634.D
Acq: 02 Aug 2019 21:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 330755
Ion Ratio Lower Upper
117 100
82 61.1 47.9 71.9
119 31.9 26.2 39.2

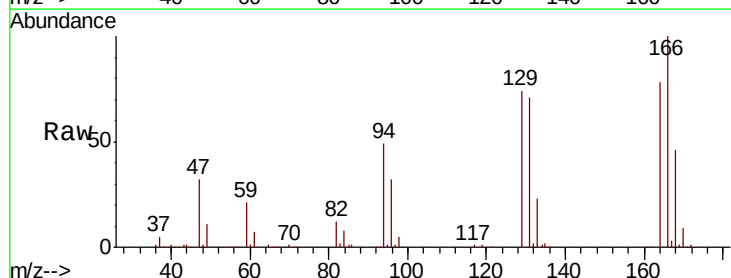


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV
Ion 118.90 (118.60 to 119.60): V

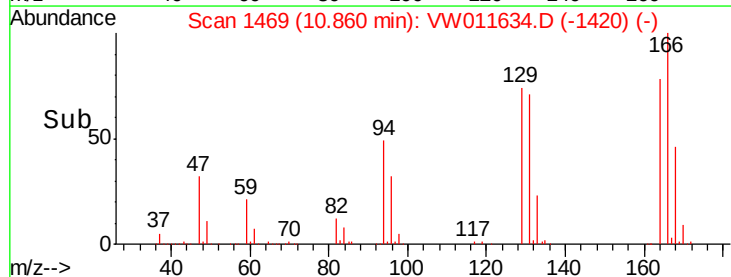
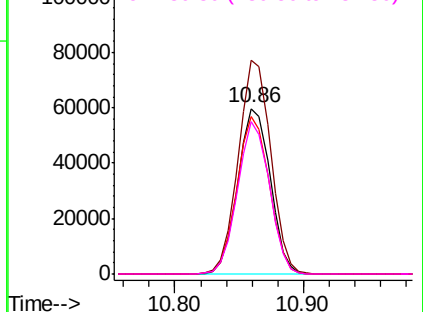


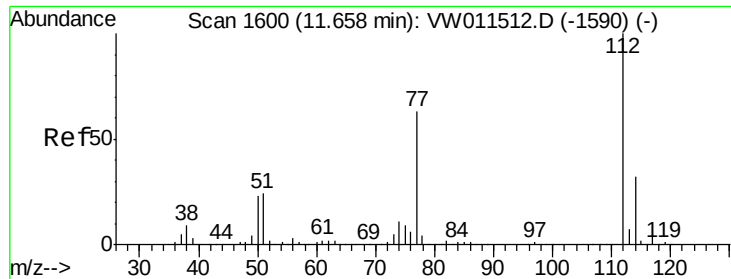
#64
Tetrachloroethene
Concen: 48.514 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011634.D
Acq: 02 Aug 2019 21:48

Tgt Ion:164 Resp: 104478
Ion Ratio Lower Upper
164 100
166 129.0 103.5 155.3
129 95.2 75.2 112.8
131 92.0 73.4 110.2



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

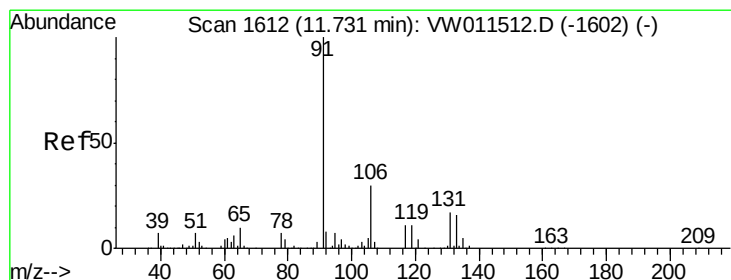
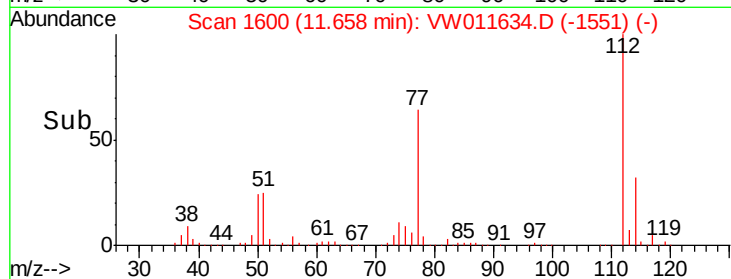
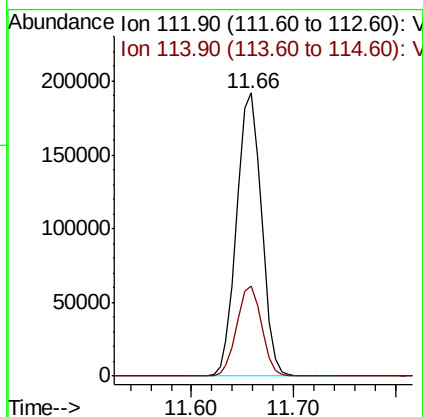
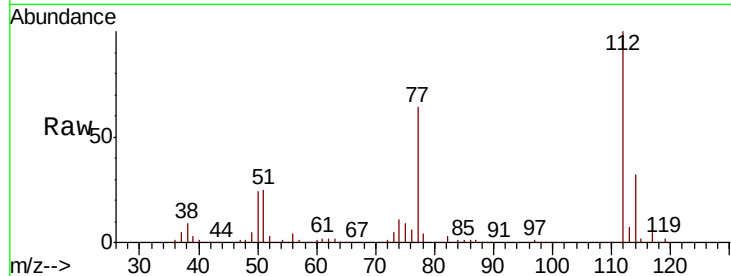




#65
Chlorobenzene
Concen: 48.537 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW011634.D
Acq: 02 Aug 2019 21:48

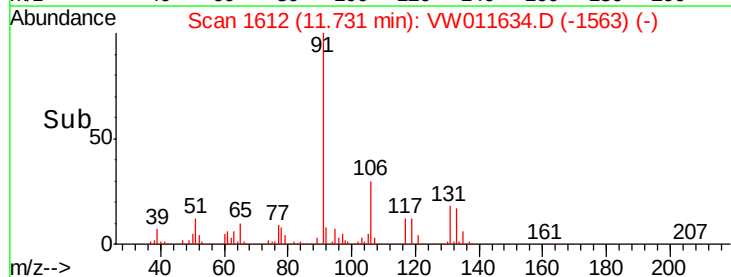
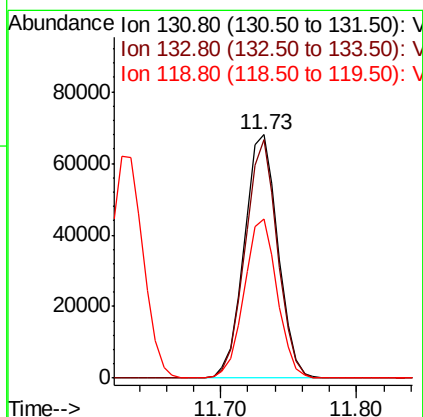
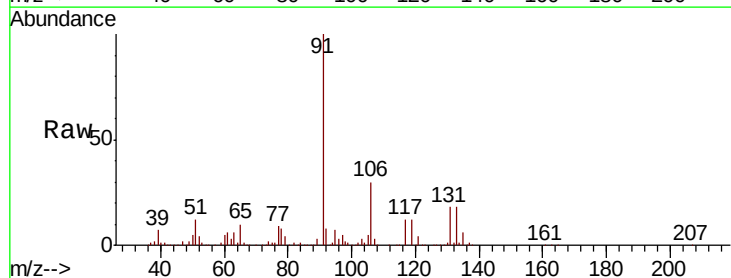
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

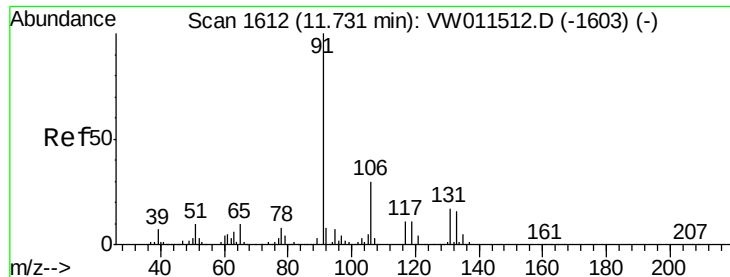
Tgt Ion:112 Resp: 322755
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.818 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011634.D
Acq: 02 Aug 2019 21:48

Tgt Ion:131 Resp: 117708
Ion Ratio Lower Upper
131 100
133 94.2 47.4 142.2
119 64.0 32.3 96.9

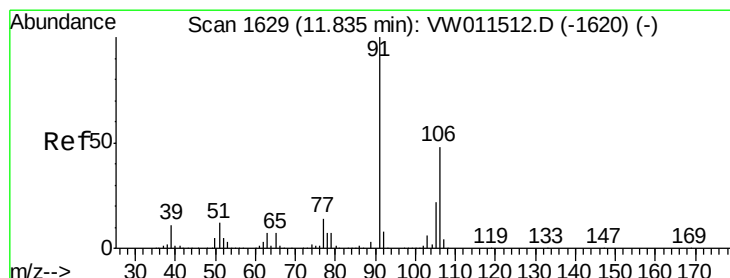
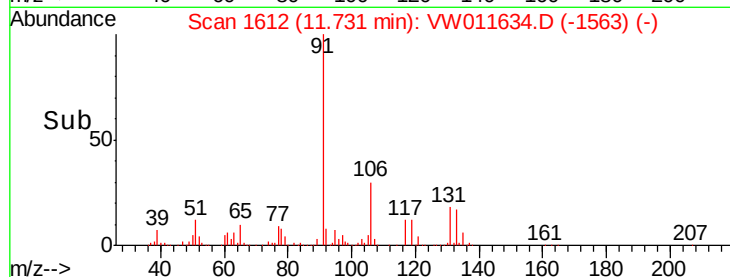
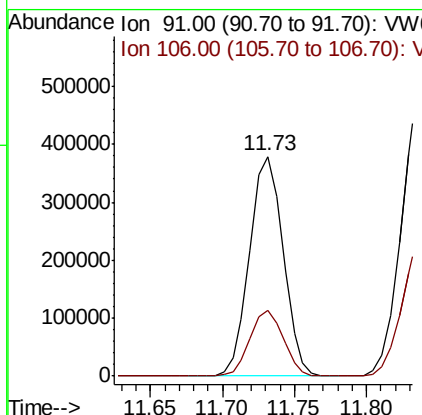
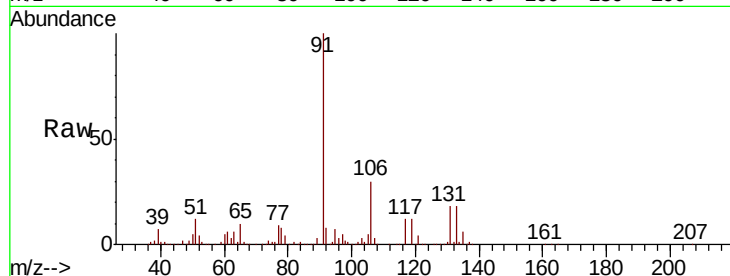




#67
Ethyl Benzene
Concen: 48.552 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011634.D
Acq: 02 Aug 2019 21:48

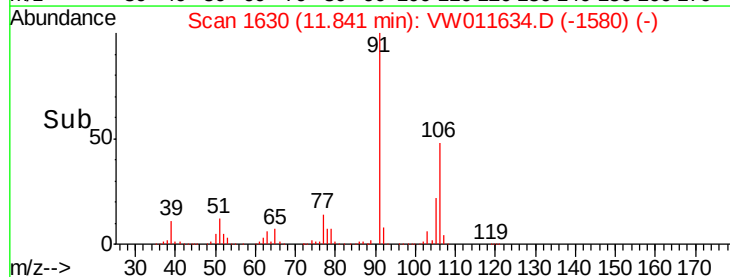
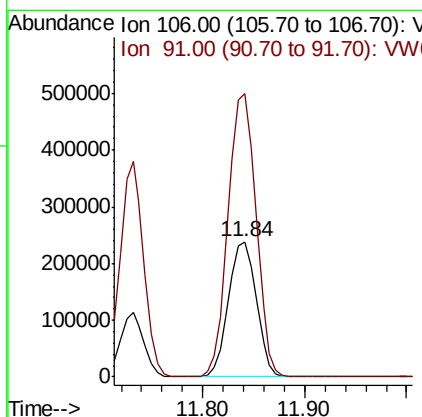
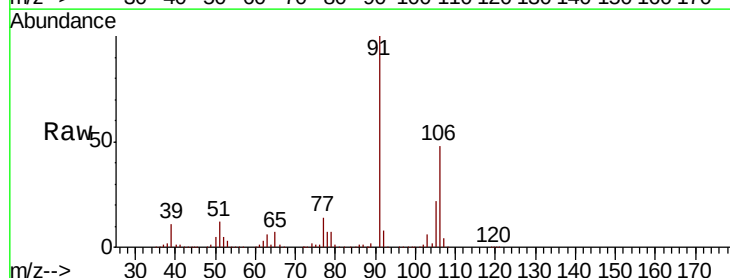
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

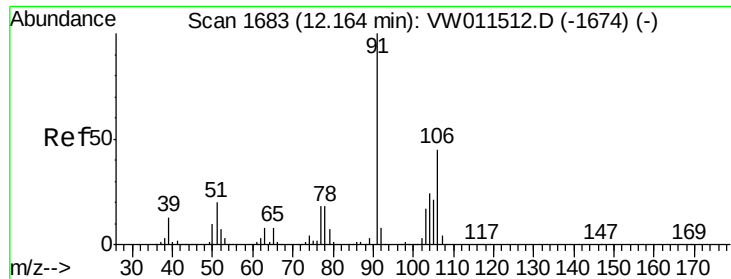
Tgt Ion: 91 Resp: 614891
Ion Ratio Lower Upper
91 100
106 30.1 23.8 35.6



#68
m/p-Xylenes
Concen: 97.878 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW011634.D
Acq: 02 Aug 2019 21:48

Tgt Ion: 106 Resp: 450805
Ion Ratio Lower Upper
106 100
91 210.2 168.2 252.2

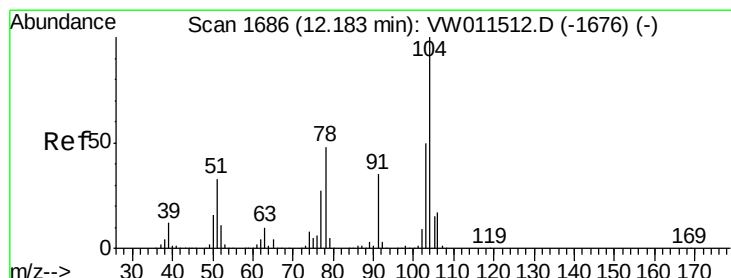
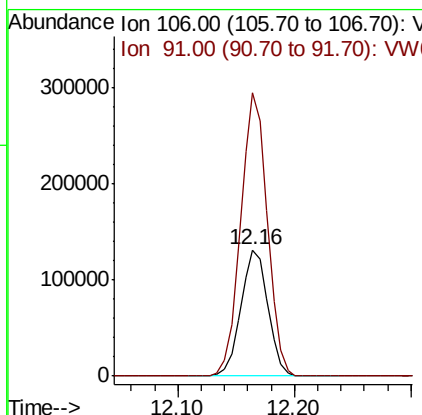
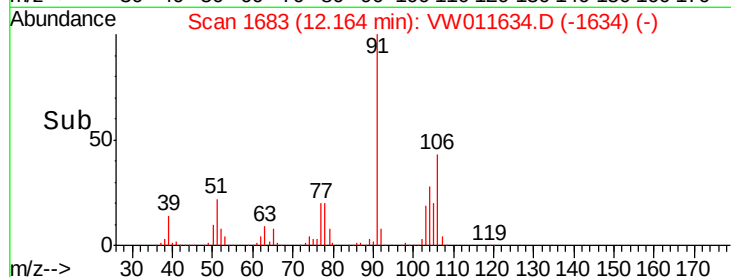
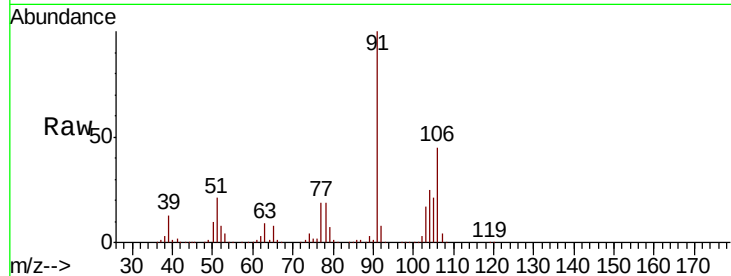




#69
o-Xylene
Concen: 49.711 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW011634.D
Acq: 02 Aug 2019 21:48

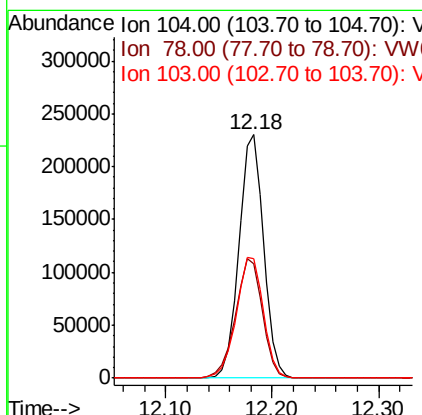
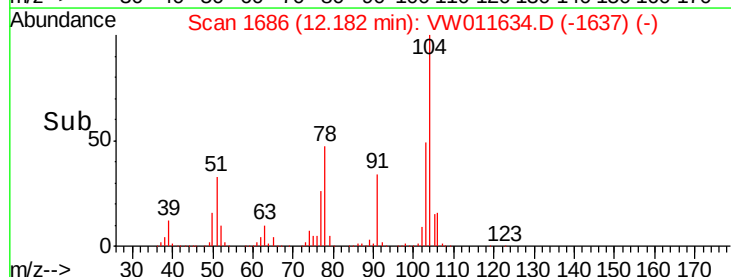
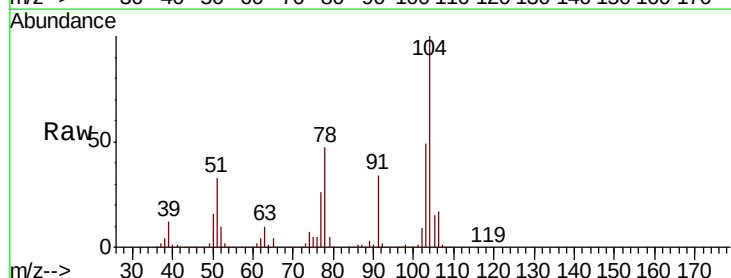
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

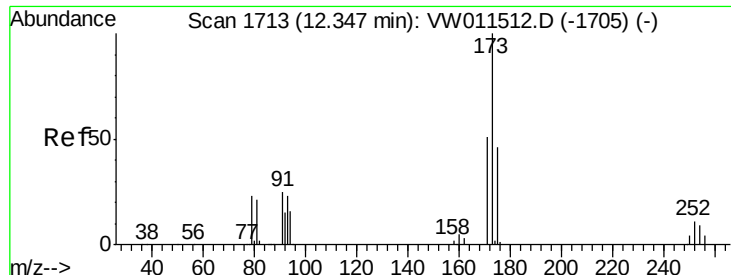
Tgt Ion:106 Resp: 212761
Ion Ratio Lower Upper
106 100
91 221.4 110.5 331.5



#70
Styrene
Concen: 50.540 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011634.D
Acq: 02 Aug 2019 21:48

Tgt Ion:104 Resp: 374002
Ion Ratio Lower Upper
104 100
78 53.7 43.4 65.0
103 54.6 43.9 65.9





#71

Bromoform

Concen: 51.937 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW011634.D

Acq: 02 Aug 2019 21:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

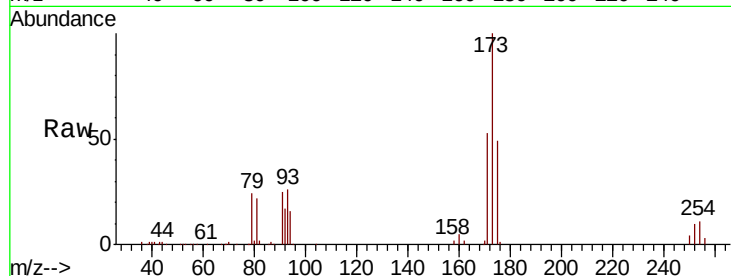
Tgt Ion:173 Resp: 61336

Ion Ratio Lower Upper

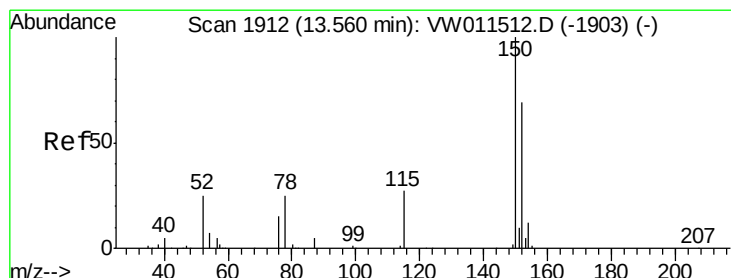
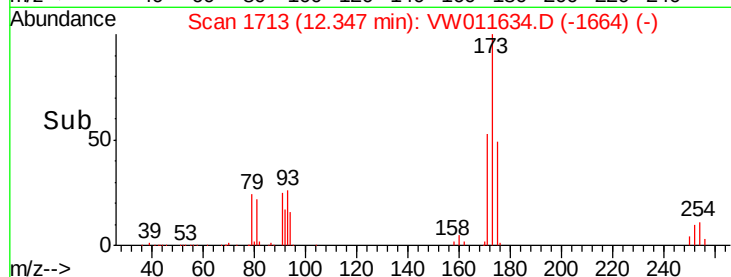
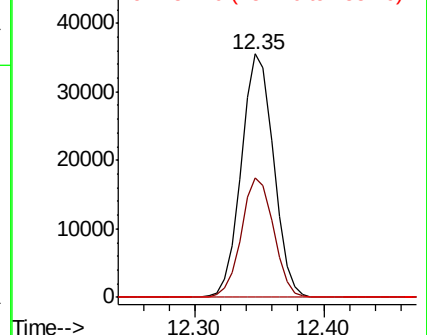
173 100

175 49.0 23.6 71.0

254 0.0 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: VW011634.D

Acq: 02 Aug 2019 21:48

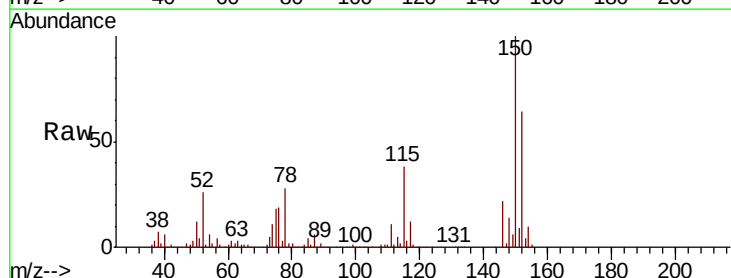
Tgt Ion:152 Resp: 161208

Ion Ratio Lower Upper

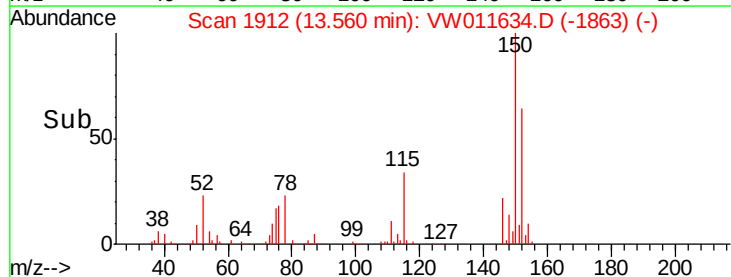
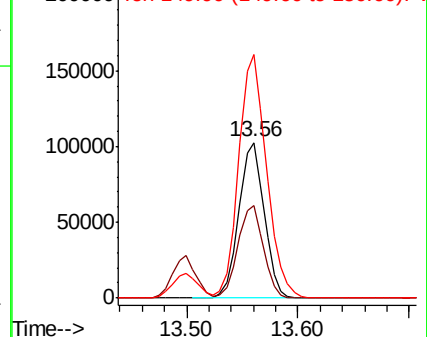
152 100

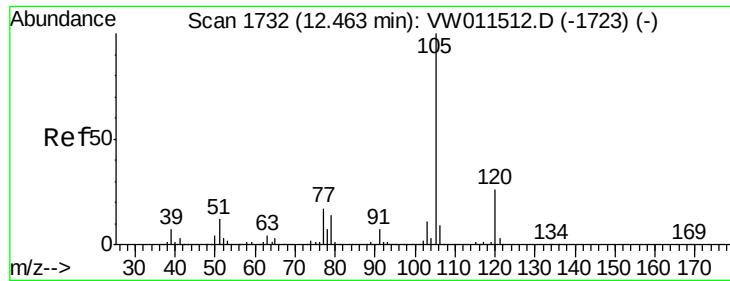
115 59.8 30.5 91.5

150 172.3 0.0 352.6



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: 48.594 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW011634.D

Acq: 02 Aug 2019 21:48

Instrument :

MSVOA_W

ClientSampleId :

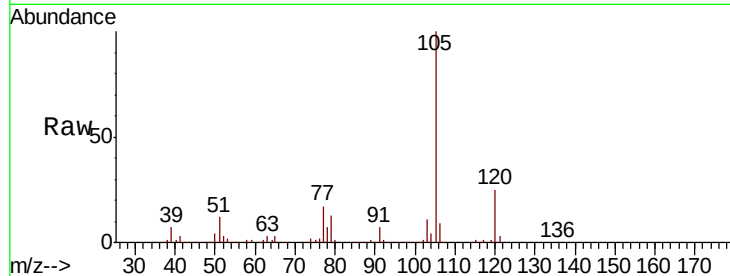
VSTDCCC050

Tgt Ion: 105 Resp: 584421

Ion Ratio Lower Upper

105 100

120 25.3 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

400000

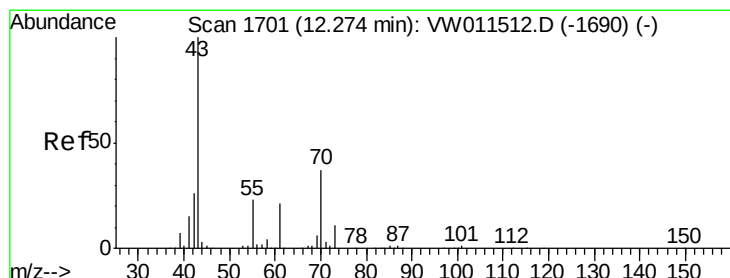
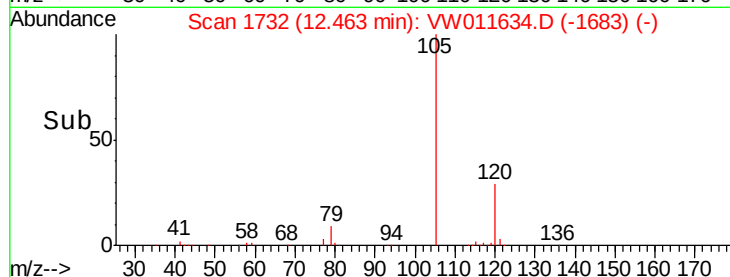
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 51.338 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW011634.D

Acq: 02 Aug 2019 21:48

Tgt Ion: 43 Resp: 193299

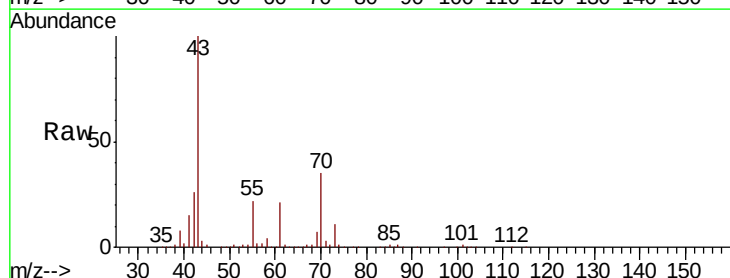
Ion Ratio Lower Upper

43 100

70 35.8 28.6 43.0

55 22.7 17.8 26.8

61 21.4 17.0 25.6



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

200000

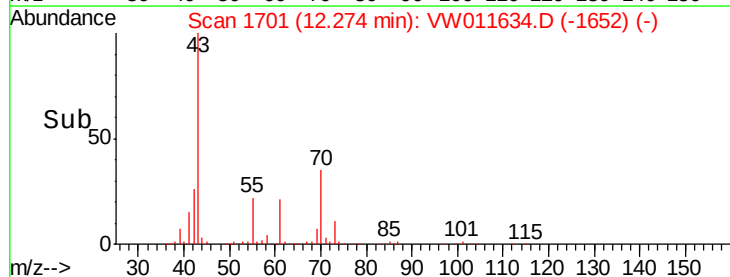
150000

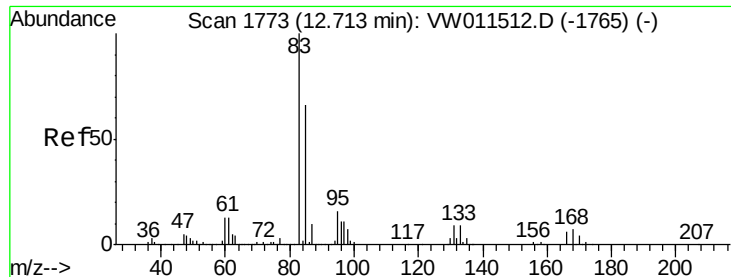
100000

50000

0

Time-->

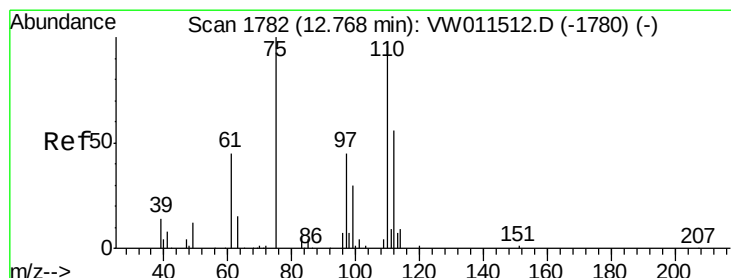
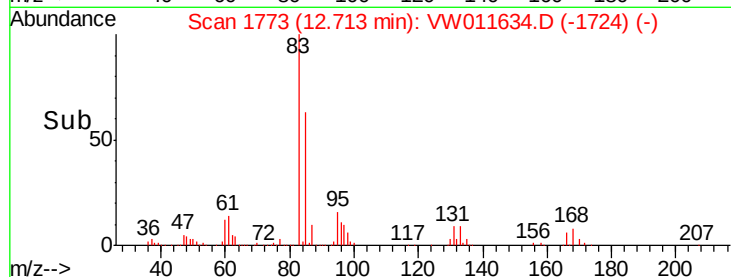
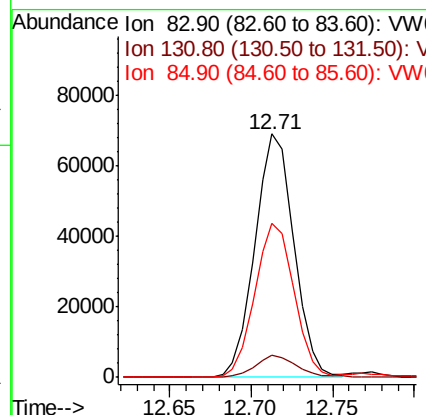
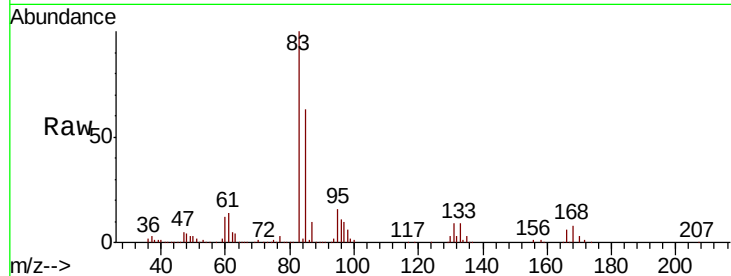




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.784 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: VW011634.D
 Acq: 02 Aug 2019 21:48

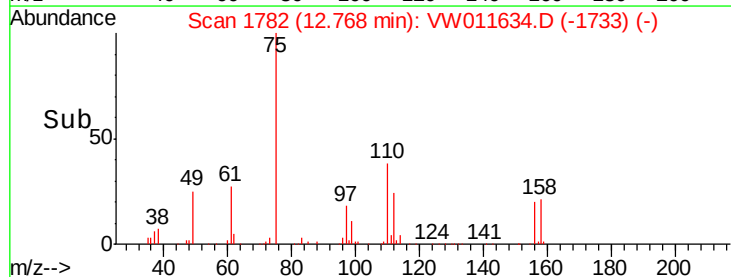
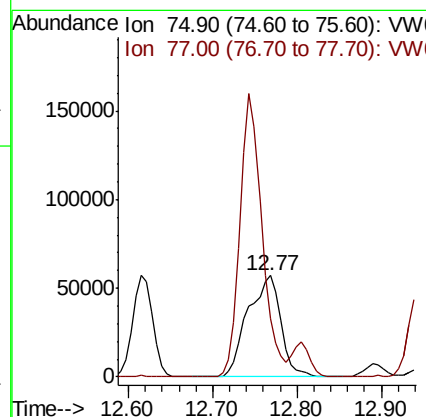
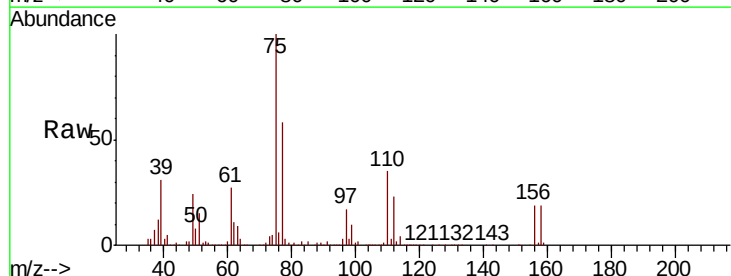
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

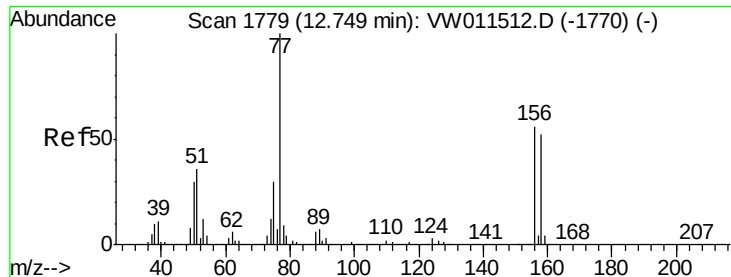
Tgt Ion: 83 Resp: 114882
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.9 14.6
 85 63.5 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 89.074 ug/l
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: VW011634.D
 Acq: 02 Aug 2019 21:48

Tgt Ion: 75 Resp: 151939
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.609 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW011634.D

Acq: 02 Aug 2019 21:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

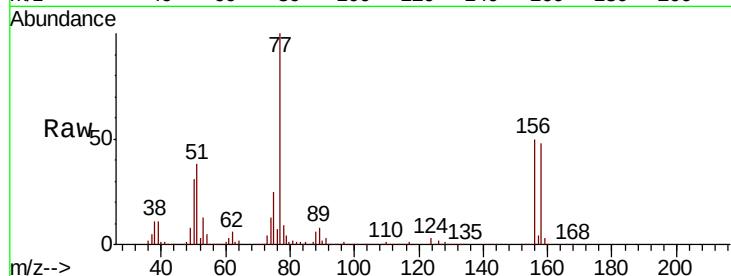
Tgt Ion:156 Resp: 131872

Ion Ratio Lower Upper

156 100

77 213.9 106.5 319.4

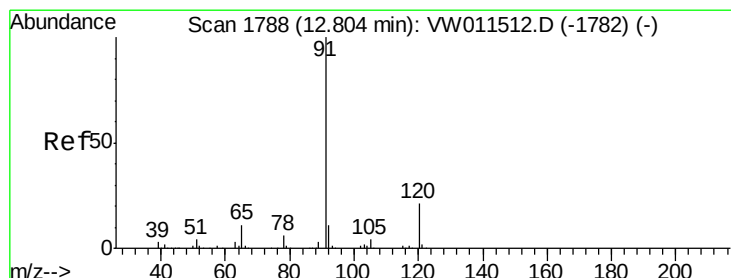
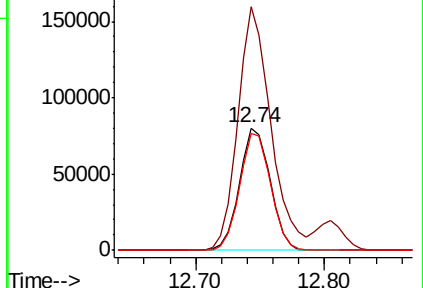
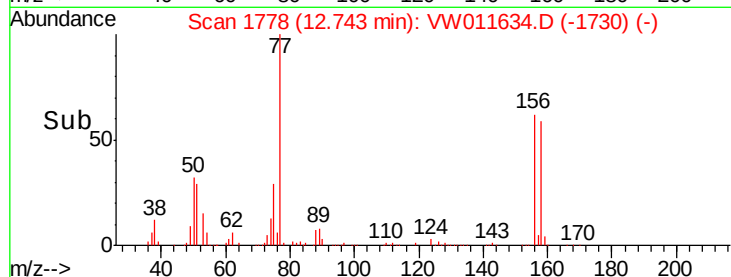
158 96.2 48.0 144.2



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: 48.619 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW011634.D

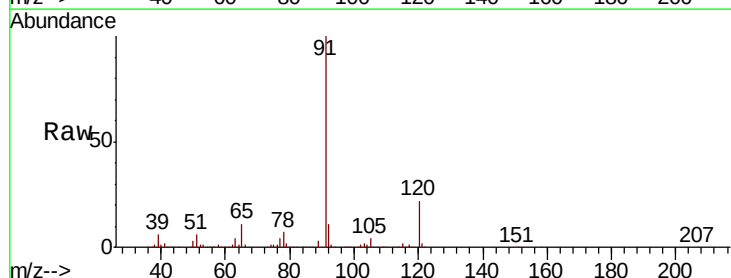
Acq: 02 Aug 2019 21:48

Tgt Ion: 91 Resp: 711602

Ion Ratio Lower Upper

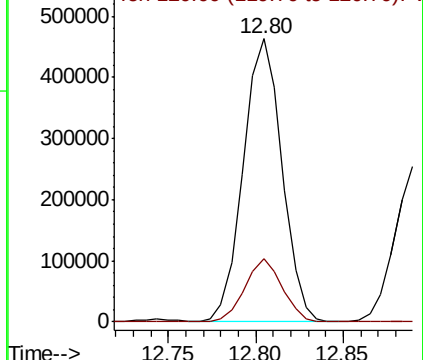
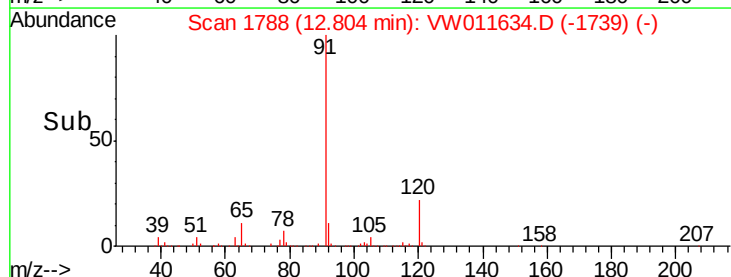
91 100

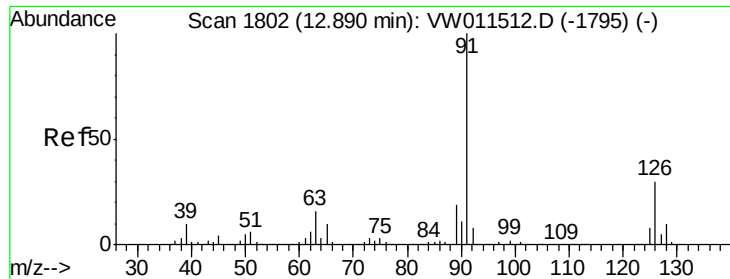
120 21.6 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

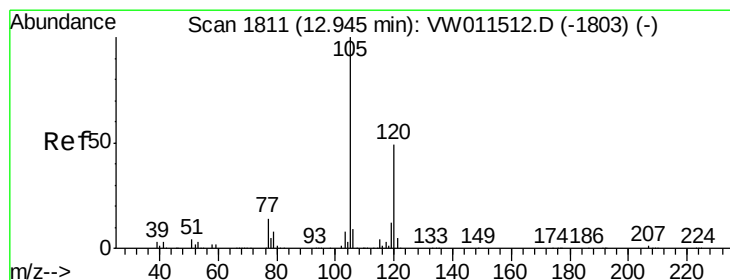
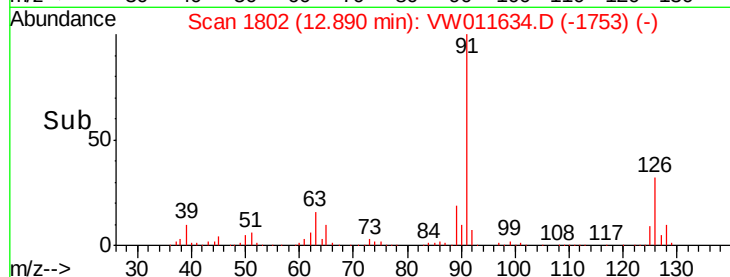
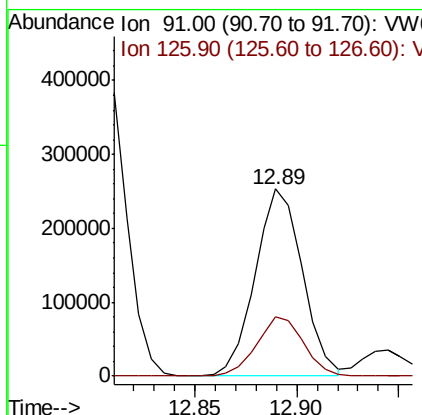
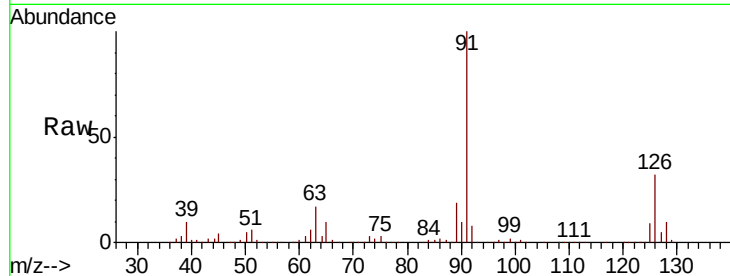




#79
 2-Chlorotoluene
 Concen: 48.376 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW011634.D
 Acq: 02 Aug 2019 21:48

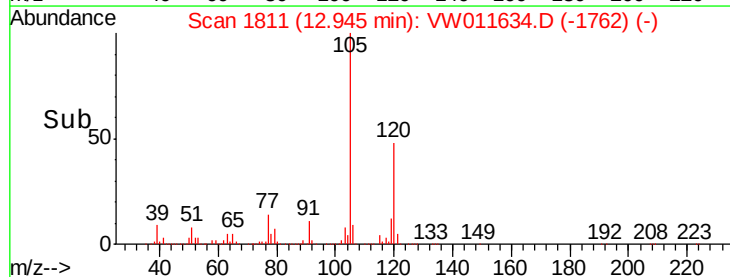
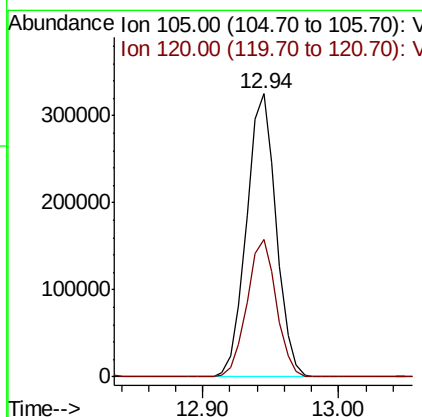
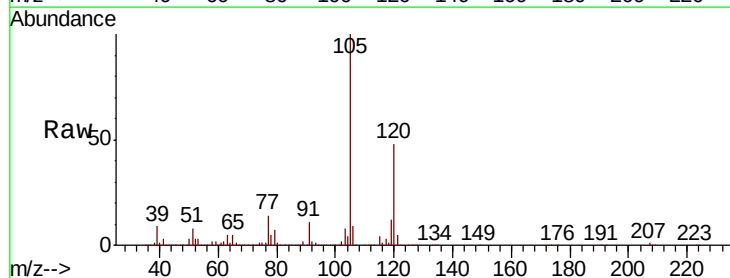
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

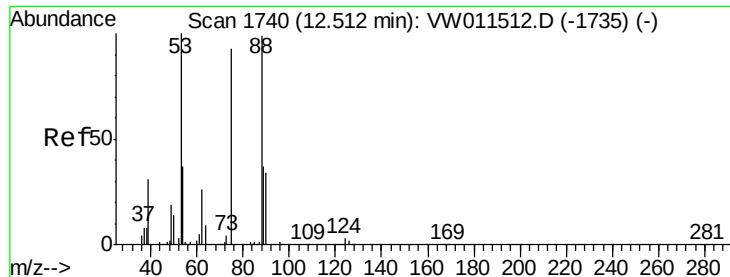
Tgt Ion: 91 Resp: 407909
 Ion Ratio Lower Upper
 91 100
 126 31.4 15.7 47.1



#80
 1,3,5-Trimethylbenzene
 Concen: 49.233 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW011634.D
 Acq: 02 Aug 2019 21:48

Tgt Ion: 105 Resp: 496331
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 48.250 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW011634.D

Acq: 02 Aug 2019 21:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

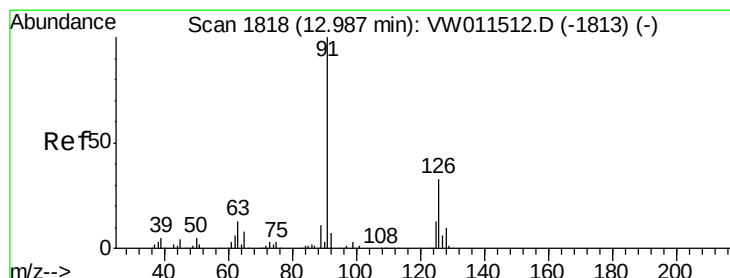
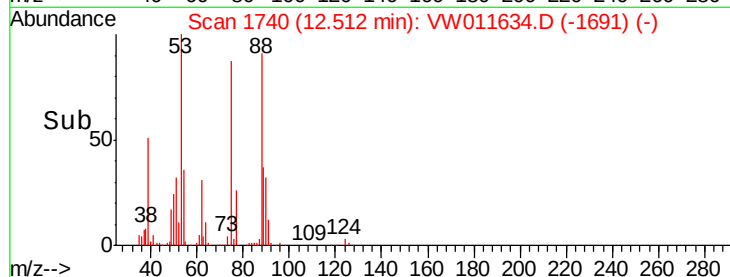
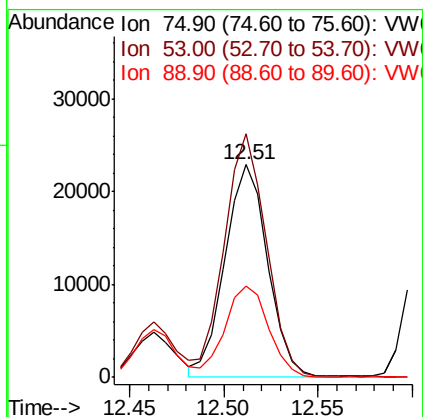
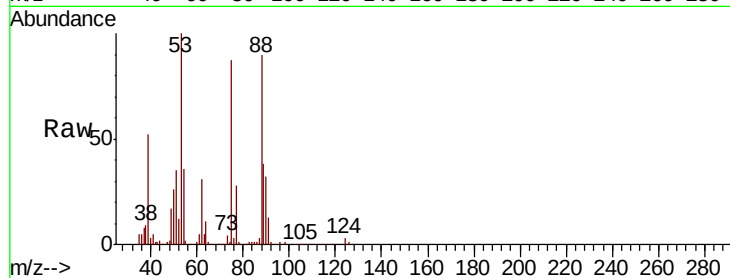
Tgt Ion: 75 Resp: 35712

Ion Ratio Lower Upper

75 100

53 114.6 88.0 132.0

89 43.8 35.3 52.9



#82

4-Chlorotoluene

Concen: 48.783 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW011634.D

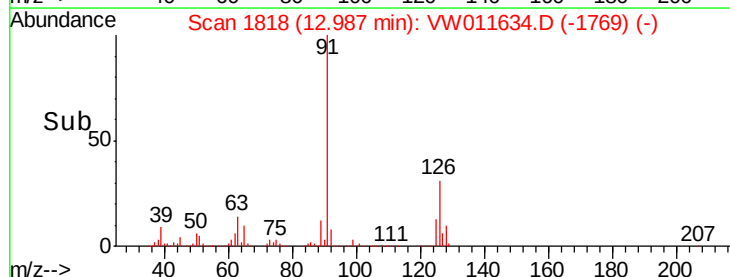
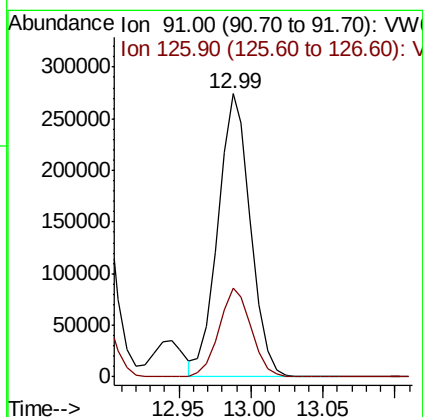
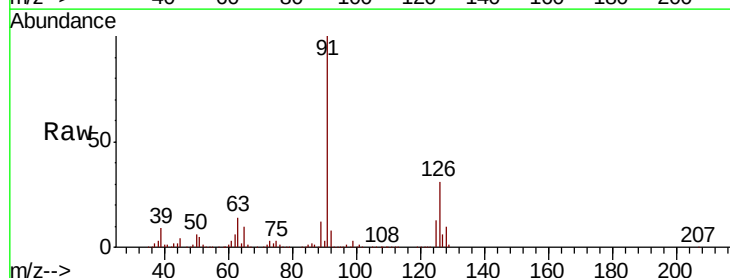
Acq: 02 Aug 2019 21:48

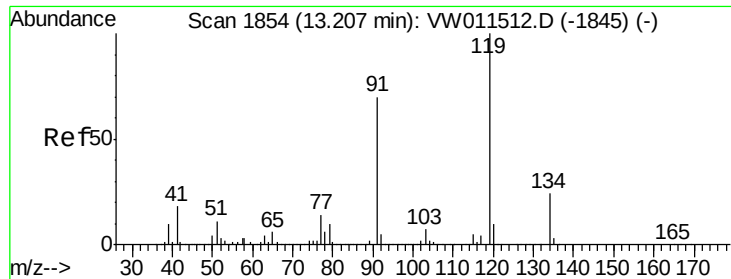
Tgt Ion: 91 Resp: 431581

Ion Ratio Lower Upper

91 100

126 31.0 15.6 46.8

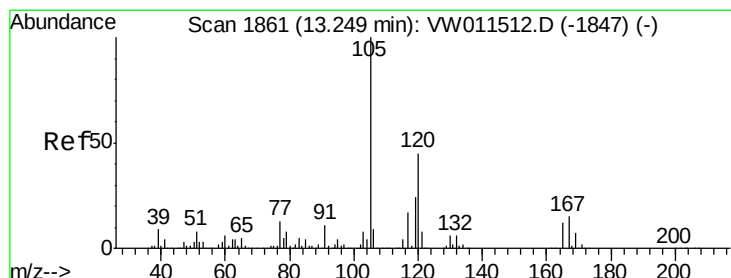
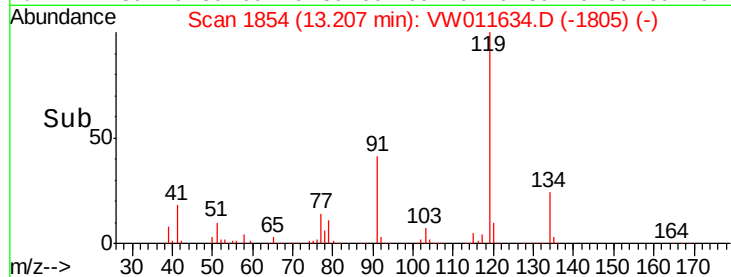
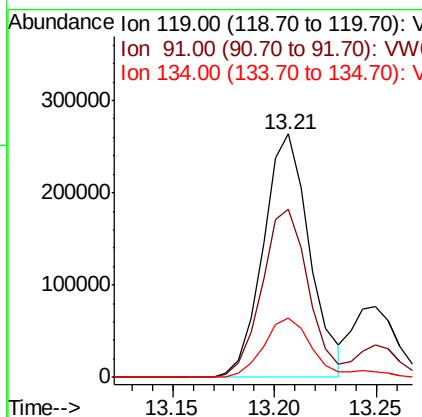
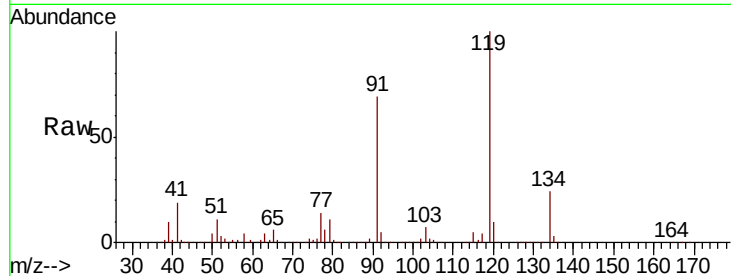




#83
 tert-Butylbenzene
 Concen: 49.608 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW011634.D
 Acq: 02 Aug 2019 21:48

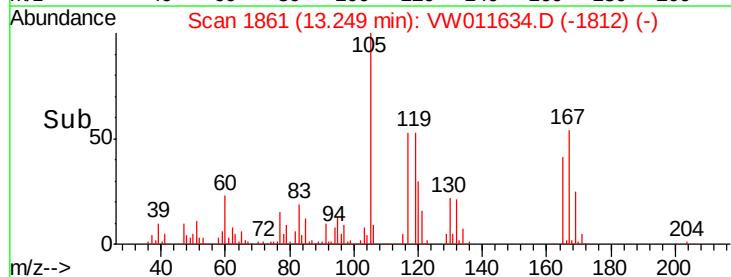
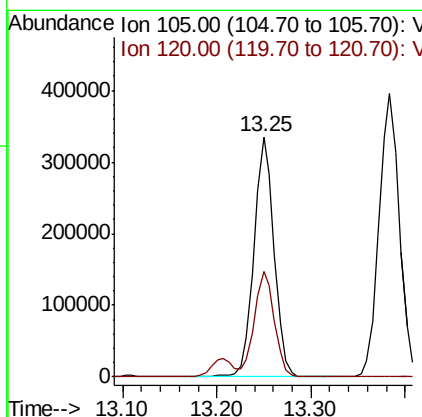
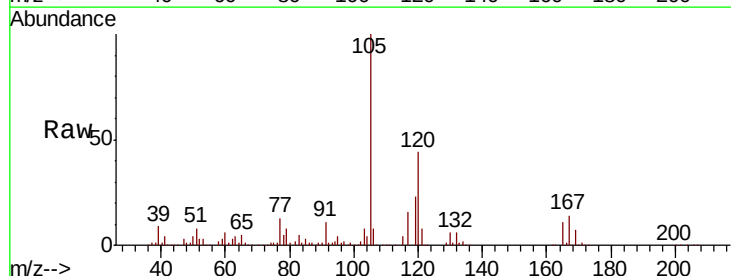
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

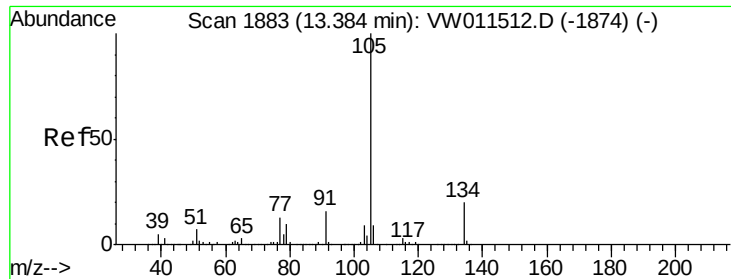
Tgt Ion:	119	Resp:	418216
Ion	Ratio	Lower	Upper
119	100		
91	69.1	34.5	103.6
134	24.8	12.4	37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 49.670 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW011634.D
 Acq: 02 Aug 2019 21:48

Tgt Ion:	105	Resp:	504415
Ion	Ratio	Lower	Upper
105	100		
120	43.5	22.1	66.5

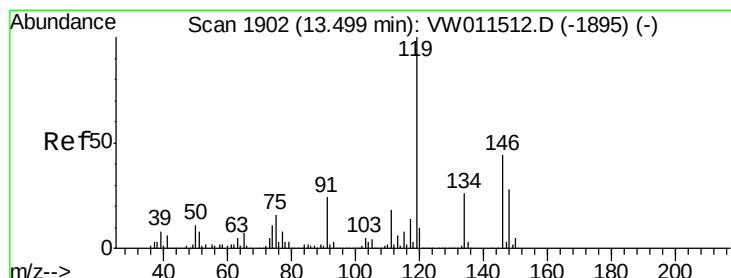
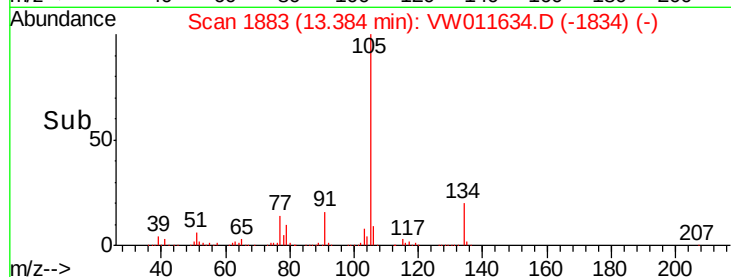
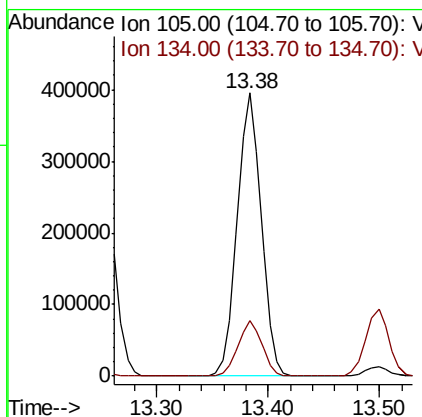
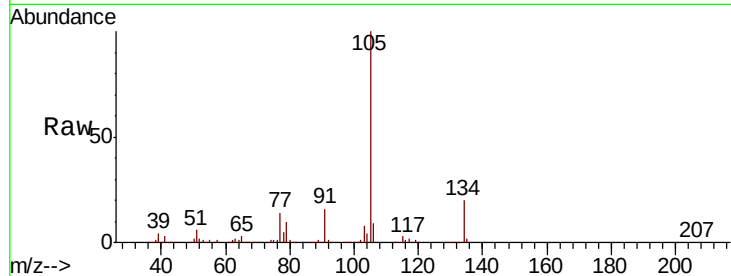




#85
 sec-Butylbenzene
 Concen: 49.151 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW011634.D
 Acq: 02 Aug 2019 21:48

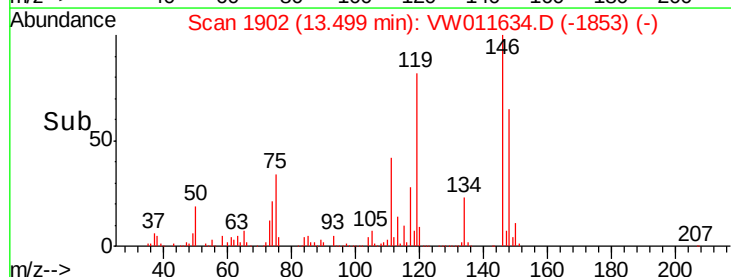
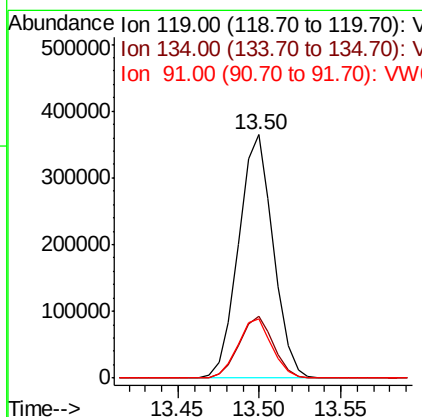
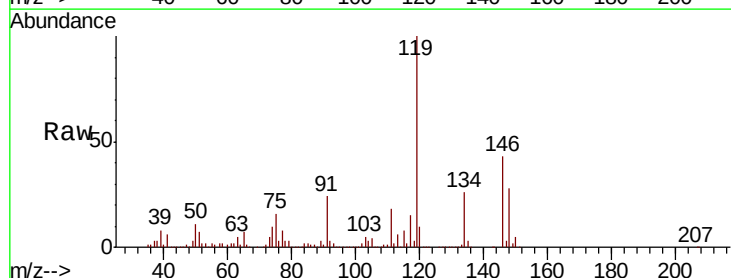
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

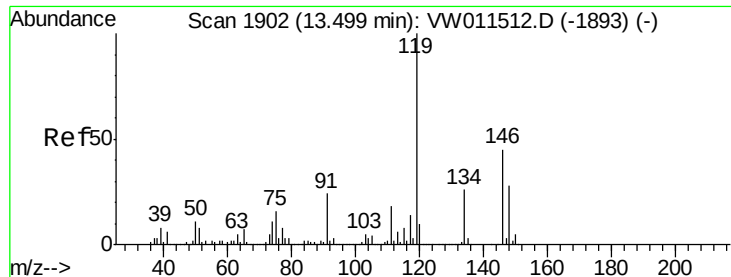
Tgt Ion:105 Resp: 591241
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 49.302 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011634.D
 Acq: 02 Aug 2019 21:48

Tgt Ion:119 Resp: 538093
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.8 38.4
 91 24.2 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 48.489 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW011634.D

Acq: 02 Aug 2019 21:48

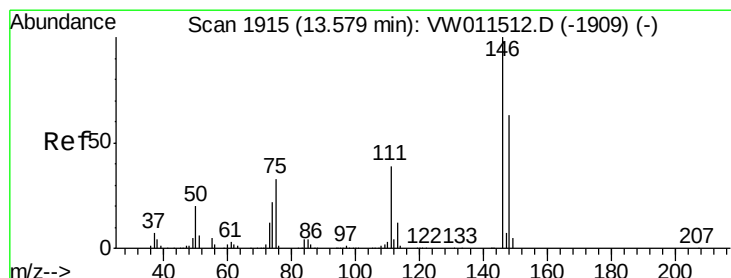
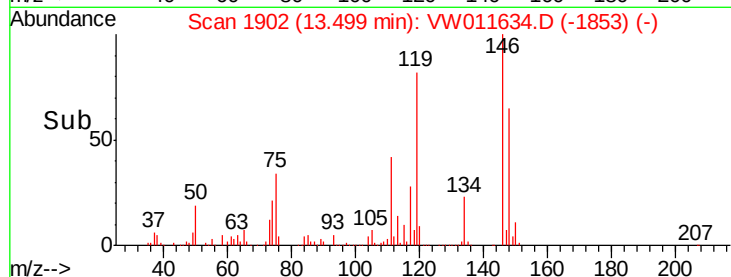
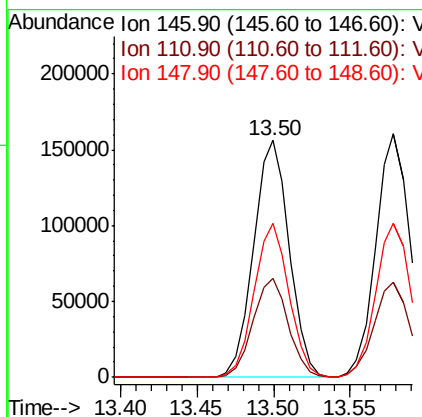
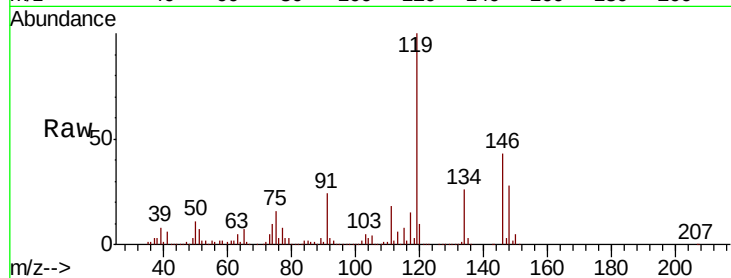
Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion:	146	Resp:	252732
Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.5	61.6
148	63.6	31.8	95.3



#88

1,4-Dichlorobenzene

Concen: 48.286 ug/l

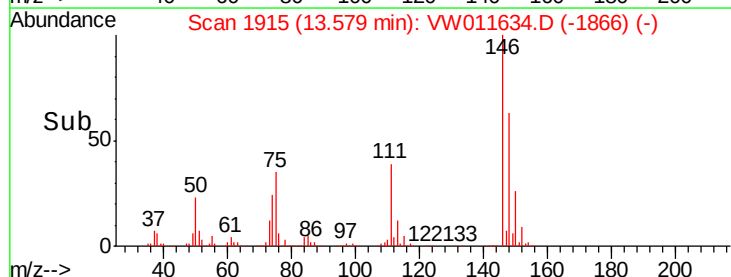
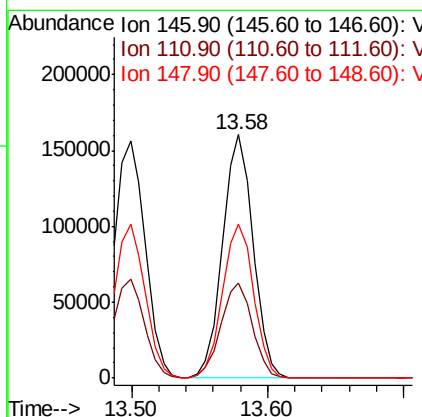
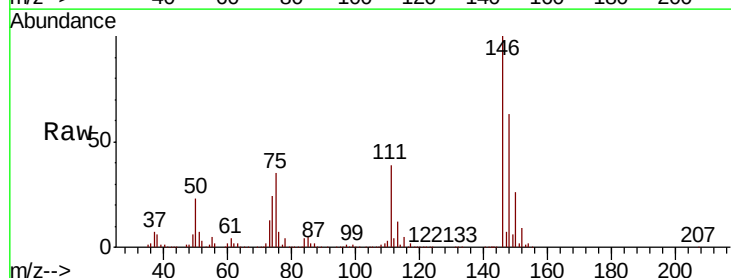
RT: 13.58 min Scan# 1915

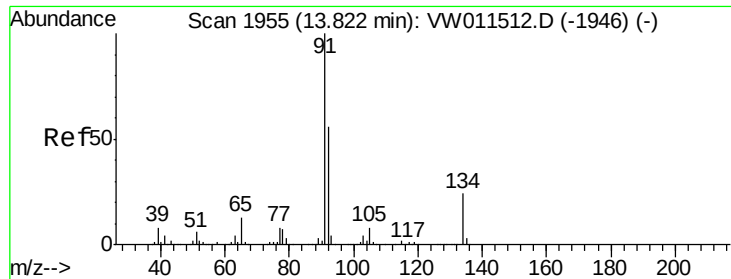
Delta R.T. -0.00 min

Lab File: VW011634.D

Acq: 02 Aug 2019 21:48

Tgt Ion:	146	Resp:	250357
Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.1	60.2
148	64.6	31.9	95.9

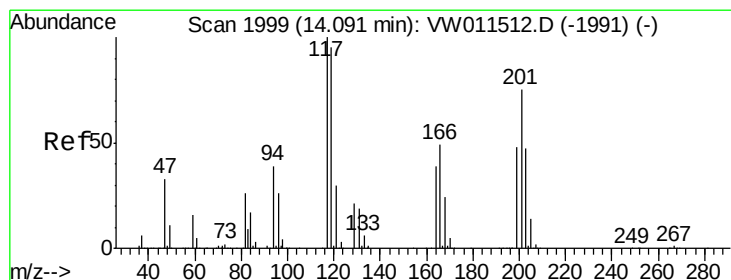
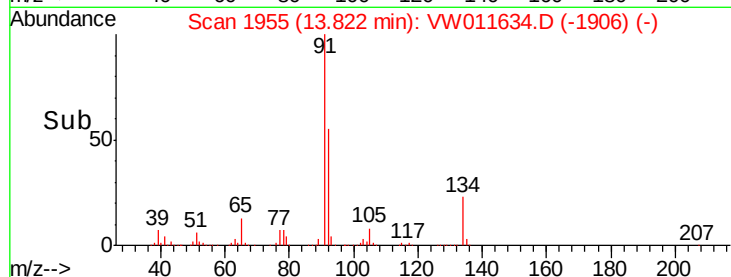
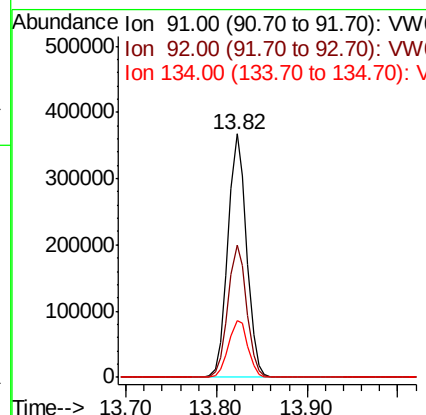
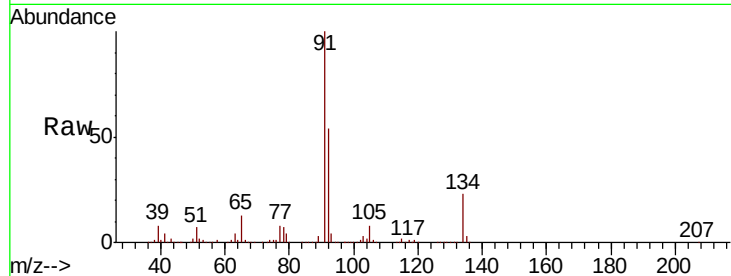




#89
n-Butylbenzene
Concen: 48.197 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW011634.D
Acq: 02 Aug 2019 21:48

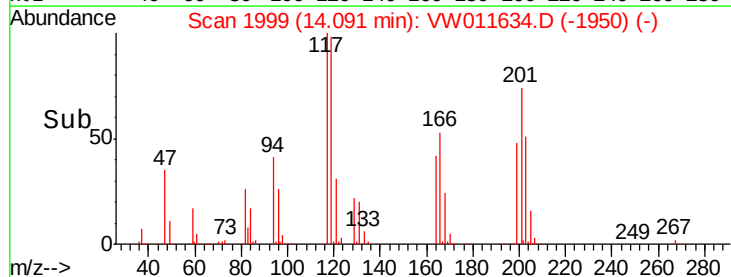
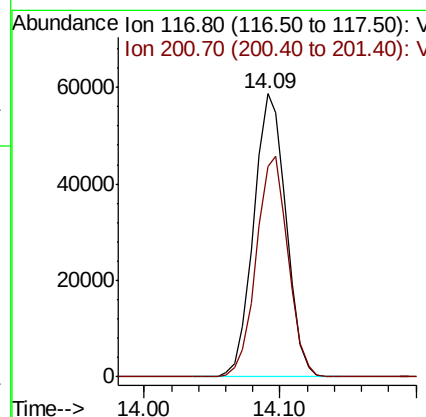
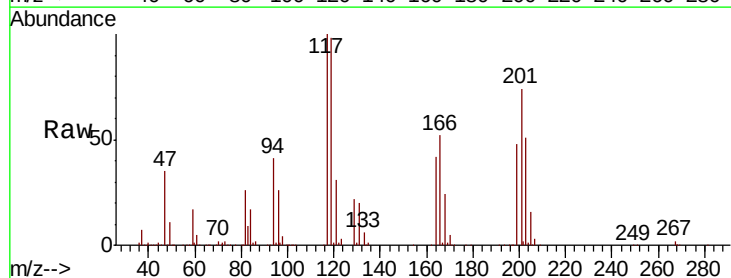
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

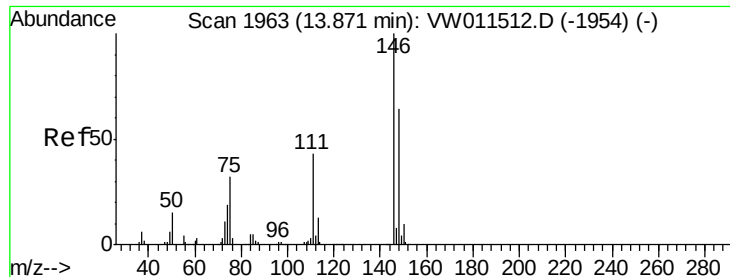
Tgt Ion: 91 Resp: 524949
Ion Ratio Lower Upper
91 100
92 54.7 27.5 82.4
134 24.3 12.2 36.6



#90
Hexachloroethane
Concen: 50.728 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW011634.D
Acq: 02 Aug 2019 21:48

Tgt Ion: 117 Resp: 97901
Ion Ratio Lower Upper
117 100
201 76.7 39.4 118.2

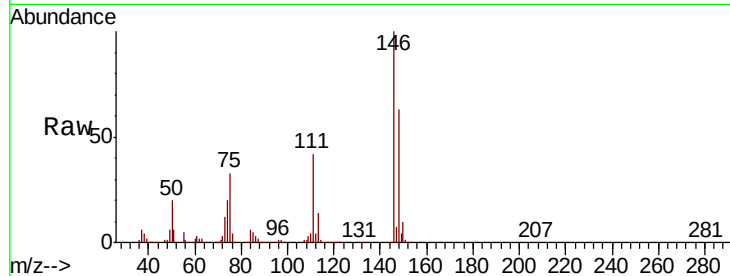




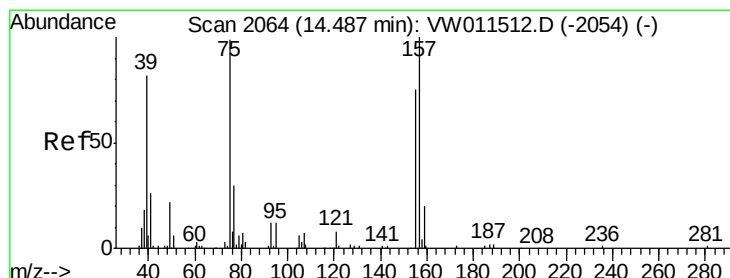
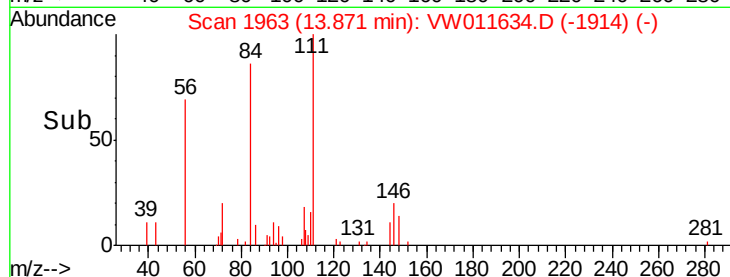
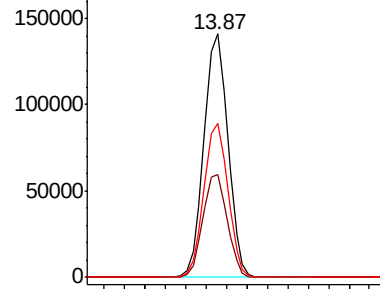
#91
 1,2-Dichlorobenzene
 Concen: 49.618 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW011634.D
 Acq: 02 Aug 2019 21:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.6	65.0
148	63.5	32.0	96.2

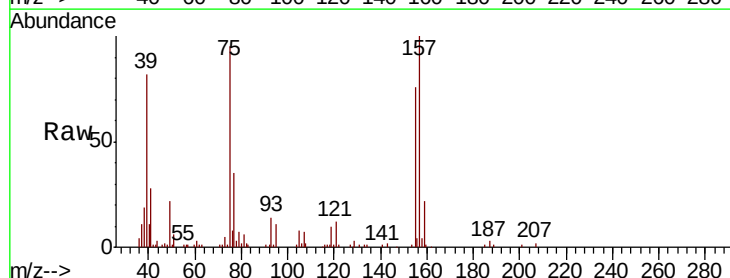


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

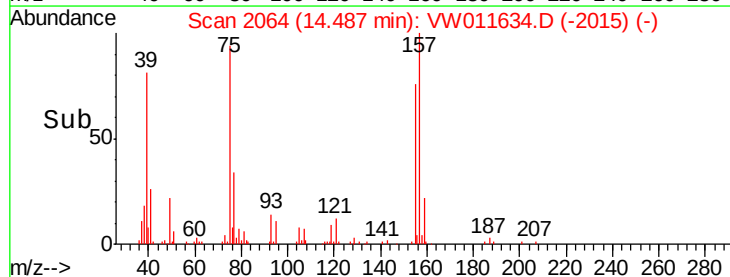
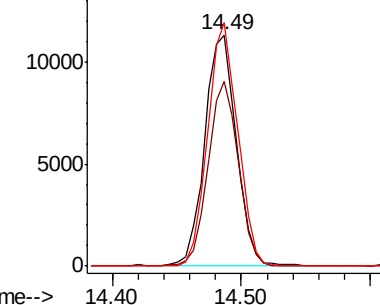


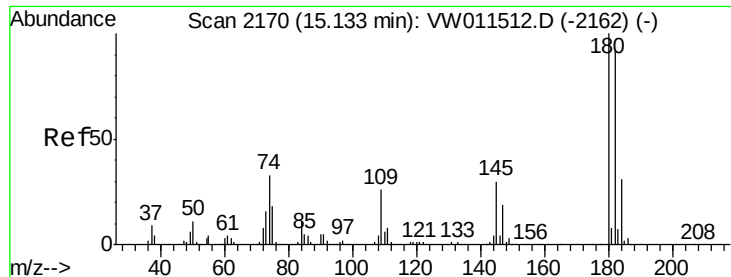
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.127 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW011634.D
 Acq: 02 Aug 2019 21:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.0	38.2	114.6
157	99.4	48.9	146.7



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

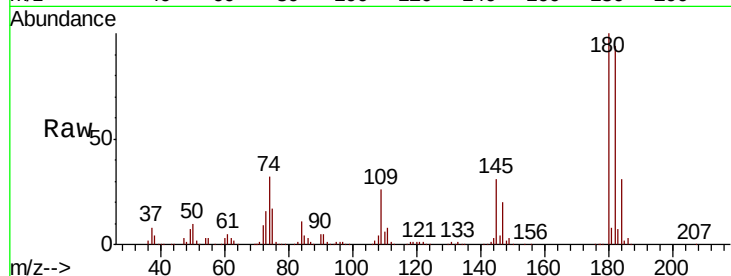




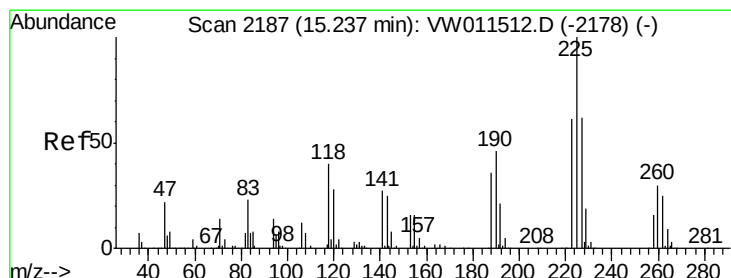
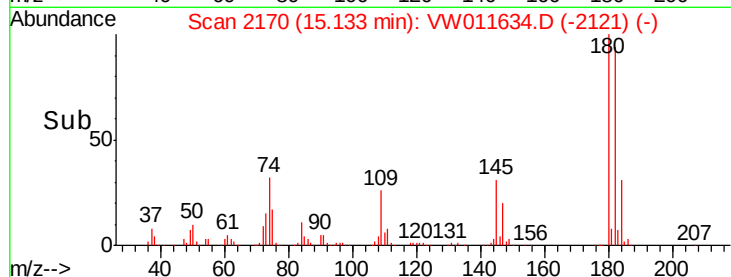
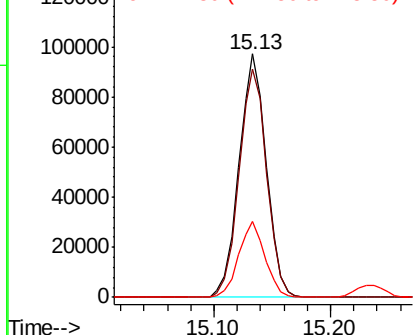
#93
 1,2,4-Trichlorobenzene
 Concen: 48.641 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW011634.D
 Acq: 02 Aug 2019 21:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 158033
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.4 142.2
 145 30.2 15.4 46.1

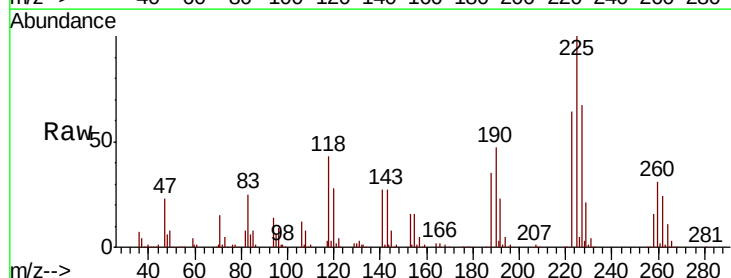


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

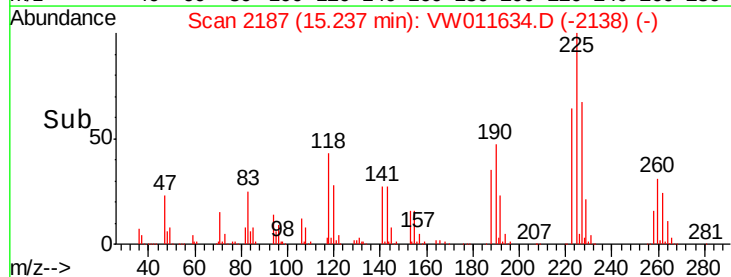
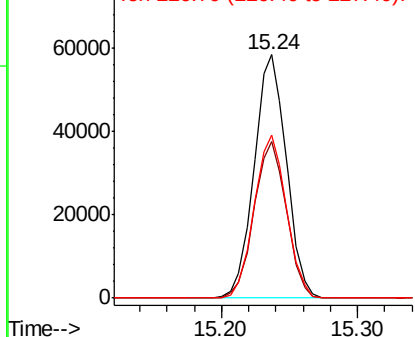


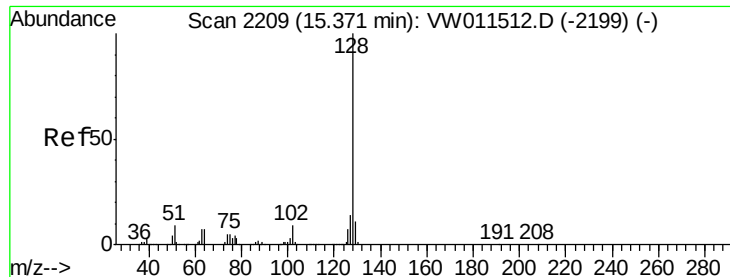
#94
 Hexachlorobutadiene
 Concen: 47.941 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW011634.D
 Acq: 02 Aug 2019 21:48

Tgt Ion:225 Resp: 97134
 Ion Ratio Lower Upper
 225 100
 223 64.5 30.8 92.3
 227 66.7 31.6 94.7



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

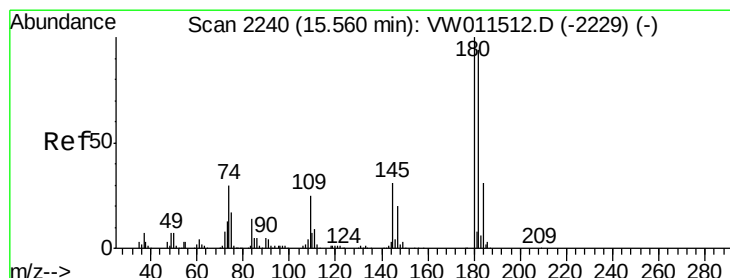
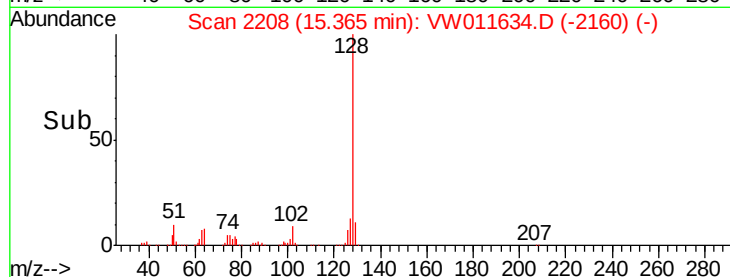
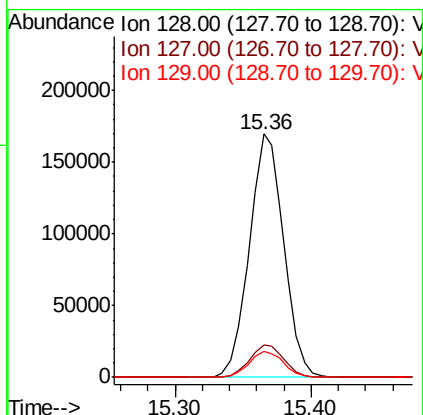
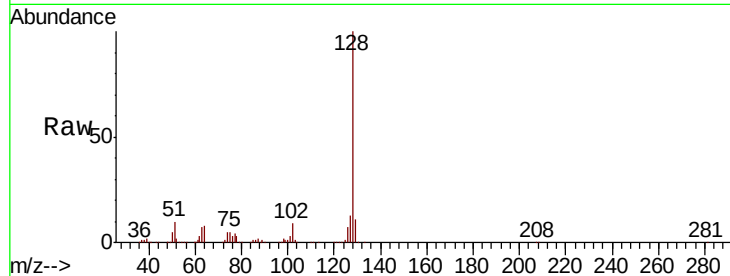




#95
Naphthalene
Concen: 47.234 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW011634.D
Acq: 02 Aug 2019 21:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 299850
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.969 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW011634.D
Acq: 02 Aug 2019 21:48

Tgt Ion:180 Resp: 142307
Ion Ratio Lower Upper
180 100
182 94.3 47.4 142.2
145 31.9 15.9 47.7

