

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080819\
 Data File : VW011741.D
 Acq On : 07 Aug 2019 10:34
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 07 10:55:23 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	230101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	357031	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	309331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	151023	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	140611	53.22	ug/l	0.00
Spiked Amount			Recovery	=	106.44%	
35) Dibromofluoromethane	7.88	113	113074	56.45	ug/l	0.00
Spiked Amount			Recovery	=	112.90%	
50) Toluene-d8	10.32	98	463690	56.54	ug/l	0.00
Spiked Amount			Recovery	=	113.08%	
62) 4-Bromofluorobenzene	12.62	95	161709	55.31	ug/l	0.00
Spiked Amount			Recovery	=	110.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	71728	55.933	ug/l	96
3) Chloromethane	2.21	50	101424	45.611	ug/l	96
4) Vinyl Chloride	2.36	62	135306	50.541	ug/l	99
5) Bromomethane	2.78	94	68133	45.978	ug/l	97
6) Chloroethane	2.92	64	76585	50.080	ug/l	99
7) Trichlorofluoromethane	3.26	101	74637	62.382	ug/l	98
8) Diethyl Ether	3.68	74	64326	47.419	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	120538	53.109	ug/l	100
10) Methyl Iodide	4.28	142	159903	49.854	ug/l	99
11) Tert butyl alcohol	5.18	59	40039	201.904	ug/l #	87
12) 1,1-Dichloroethene	4.04	96	121643	50.761	ug/l	96
13) Acrolein	3.89	56	63224	333.485	ug/l	100
14) Allyl chloride	4.66	41	260902	51.188	ug/l	99
15) Acrylonitrile	5.36	53	164937	243.565	ug/l	99
16) Acetone	4.12	43	207813	247.256	ug/l	99
17) Carbon Disulfide	4.39	76	382751	51.031	ug/l	98
18) Methyl Acetate	4.67	43	85605	45.339	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	187681	49.353	ug/l	97
20) Methylene Chloride	4.92	84	129747	44.761	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	130474	50.501	ug/l	97
22) Diisopropyl ether	6.31	45	472362	49.155	ug/l	95
23) Vinyl Acetate	6.25	43	1514808	250.870	ug/l	99
24) 1,1-Dichloroethane	6.21	63	258237	50.177	ug/l	99
25) 2-Butanone	7.17	43	265978	241.844	ug/l	99
26) 2,2-Dichloropropane	7.17	77	153124	48.379	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	138478	48.700	ug/l	99
28) Bromochloromethane	7.51	49	96671	42.318	ug/l	100
29) Tetrahydrofuran	7.53	42	149815	238.313	ug/l	99
30) Chloroform	7.68	83	233493	49.176	ug/l	96
31) Cyclohexane	7.95	56	241684	48.921	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	191372	52.924	ug/l	100
36) 1,1-Dichloropropene	8.08	75	200167	53.917	ug/l	99
37) Ethyl Acetate	7.25	43	105627	49.454	ug/l	98
38) Carbon Tetrachloride	8.07	117	176626	55.575	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080819\
 Data File : VW011741.D
 Acq On : 07 Aug 2019 10:34
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 07 10:55:23 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	226149	55.322	ug/l	99
40) Benzene	8.32	78	531715	51.132	ug/l	99
41) Methacrylonitrile	7.48	41	64223	50.301	ug/l	99
42) 1,2-Dichloroethane	8.40	62	166384	51.105	ug/l	99
43) Isopropyl Acetate	8.42	43	199552	50.802	ug/l	99
44) Trichloroethene	9.09	130	131118	52.461	ug/l	99
45) 1,2-Dichloropropane	9.37	63	145185	52.180	ug/l	99
46) Dibromomethane	9.46	93	64486	50.779	ug/l	99
47) Bromodichloromethane	9.64	83	174467	52.374	ug/l	100
48) Methyl methacrylate	9.43	41	96159	50.962	ug/l	98
49) 1,4-Dioxane	9.46	88	17751	965.368	ug/l #	77
51) 4-Methyl-2-Pentanone	10.21	43	516598	252.841	ug/l	100
52) Toluene	10.38	92	330036	52.555	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	181223	52.079	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	214463	51.834	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	90916	50.457	ug/l	98
56) Ethyl methacrylate	10.65	69	136844	51.900	ug/l	98
57) 1,3-Dichloropropane	10.93	76	171919	50.432	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	380667	317.976	ug/l	99
59) 2-Hexanone	10.97	43	388842	269.540	ug/l	99
60) Dibromochloromethane	11.13	129	104939	52.467	ug/l	99
61) 1,2-Dibromoethane	11.23	107	85925	50.392	ug/l	98
64) Tetrachloroethene	10.86	164	107815	53.531	ug/l	97
65) Chlorobenzene	11.66	112	322548	51.865	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	116217	53.650	ug/l	99
67) Ethyl Benzene	11.73	91	637097	53.789	ug/l	99
68) m/p-Xylenes	11.84	106	459077	106.578	ug/l	100
69) o-Xylene	12.16	106	211571	52.857	ug/l	100
70) Styrene	12.18	104	369838	53.439	ug/l	100
71) Bromoform	12.35	173	59591	53.954	ug/l #	99
73) Isopropylbenzene	12.46	105	600856	53.330	ug/l	100
74) N-amyl acetate	12.27	43	183924	52.143	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	108257	51.083	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	147916	92.563	ug/l #	100
77) Bromobenzene	12.74	156	129818	52.130	ug/l	100
78) n-propylbenzene	12.80	91	744060	54.265	ug/l	100
79) 2-Chlorotoluene	12.89	91	413233	52.313	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	511188	54.127	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	37815	54.537	ug/l	98
82) 4-Chlorotoluene	12.99	91	439397	53.016	ug/l	100
83) tert-Butylbenzene	13.21	119	432168	54.720	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	508624	53.462	ug/l	99
85) sec-Butylbenzene	13.38	105	620177	55.034	ug/l	100
86) p-Isopropyltoluene	13.50	119	558797	54.652	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	253455	51.907	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	248938	51.250	ug/l	99
89) n-Butylbenzene	13.82	91	565648	55.436	ug/l	99
90) Hexachloroethane	14.09	117	99849	55.226	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	222645	51.554	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	18883	52.251	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080819\
Data File : VW011741.D
Acq On : 07 Aug 2019 10:34
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Quant Time: Aug 07 10:55:23 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	159549	52.420	ug/l	99
94) Hexachlorobutadiene	15.24	225	104302	54.951	ug/l	96
95) Naphthalene	15.36	128	287194	48.246	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	139148	52.155	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011741.D

Acq: 07 Aug 2019 10:34

Instrument :

MSVOA_W

ClientSampleId :

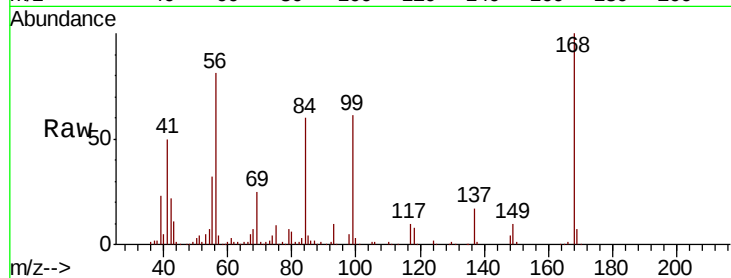
VSTDCCC050

Tgt Ion:168 Resp: 230101

Ion Ratio Lower Upper

168 100

99 60.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

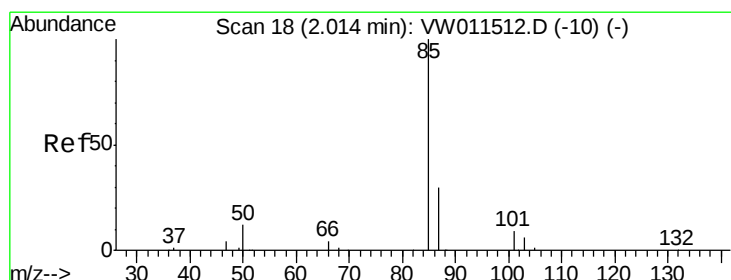
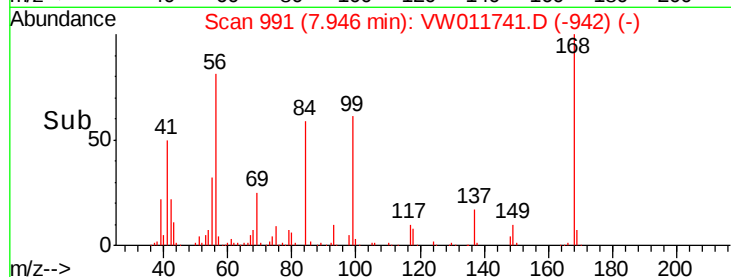
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 55.933 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW011741.D

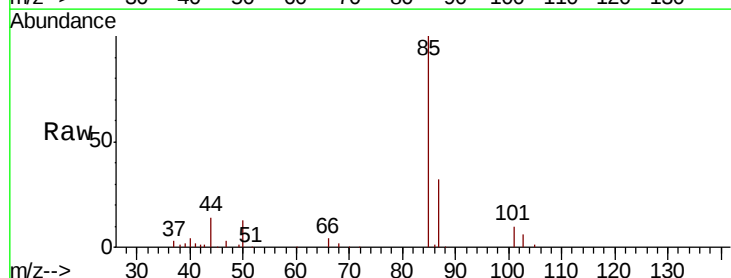
Acq: 07 Aug 2019 10:34

Tgt Ion: 85 Resp: 71728

Ion Ratio Lower Upper

85 100

87 32.4 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

25000

20000

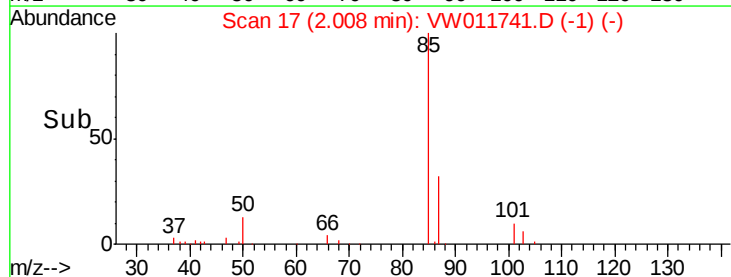
15000

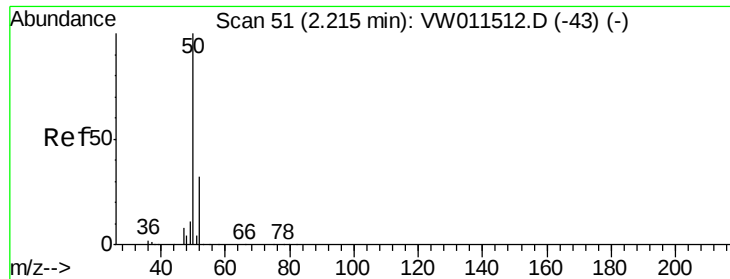
10000

5000

0

Time--> 2.00 2.20





#3

Chloromethane

Concen: 45.611 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW011741.D

Acq: 07 Aug 2019 10:34

Instrument :

MSVOA_W

ClientSampleId :

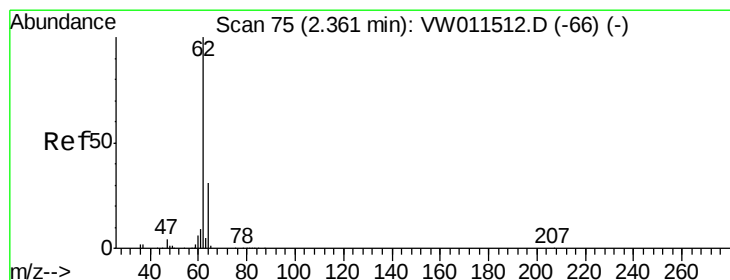
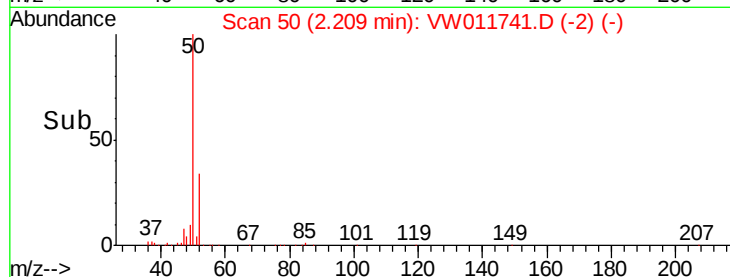
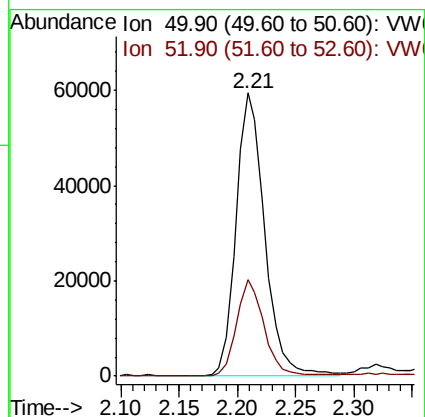
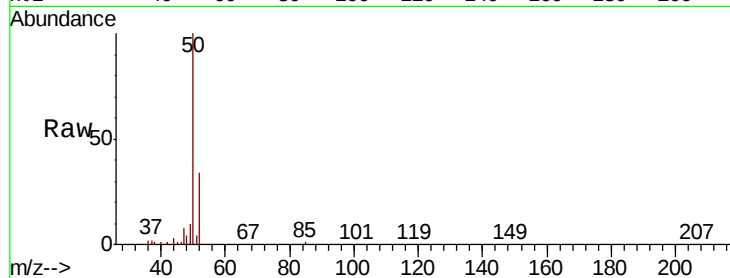
VSTDCCC050

Tgt Ion: 50 Resp: 101424

Ion Ratio Lower Upper

50 100

52 34.0 25.4 38.2



#4

Vinyl Chloride

Concen: 50.541 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW011741.D

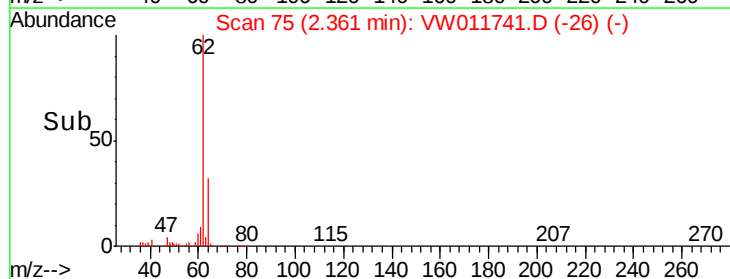
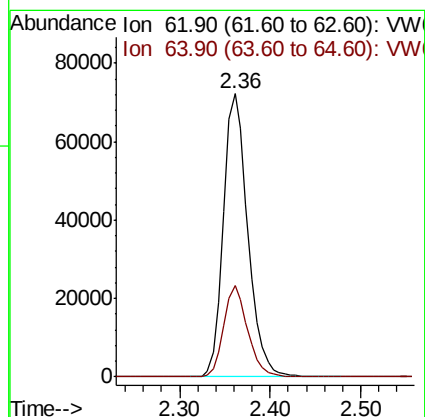
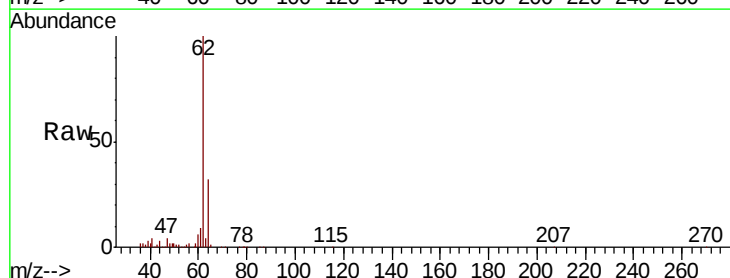
Acq: 07 Aug 2019 10:34

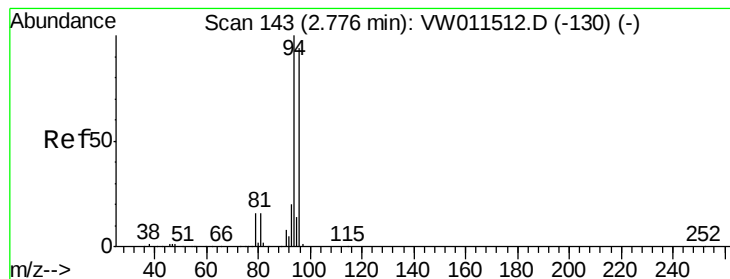
Tgt Ion: 62 Resp: 135306

Ion Ratio Lower Upper

62 100

64 32.0 25.0 37.4





#5

Bromomethane

Concen: 45.978 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW011741.D

Acq: 07 Aug 2019 10:34

Instrument :

MSVOA_W

ClientSampleId :

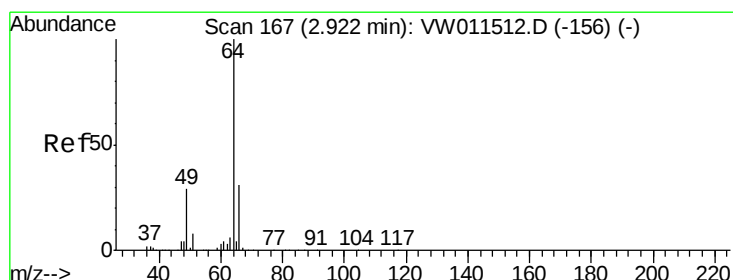
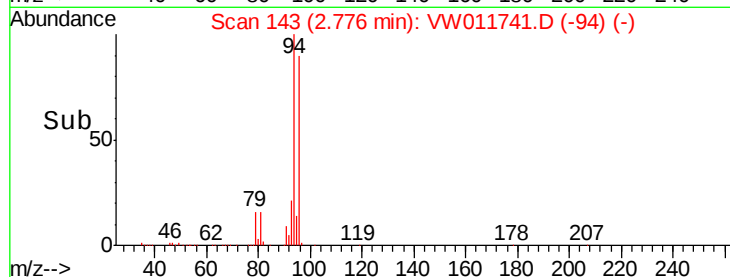
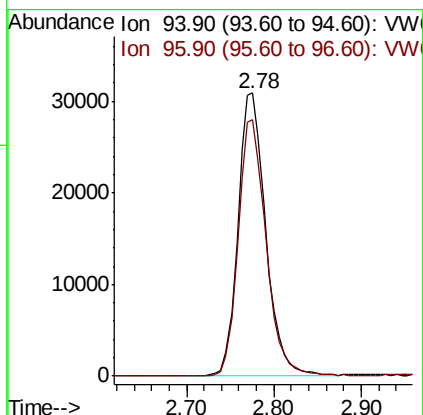
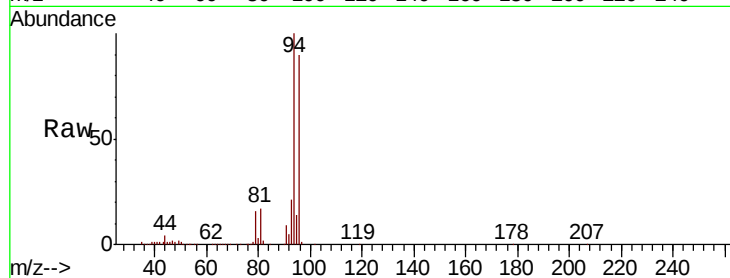
VSTDCCC050

Tgt Ion: 94 Resp: 68133

Ion Ratio Lower Upper

94 100

96 90.5 75.0 112.6



#6

Chloroethane

Concen: 50.080 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW011741.D

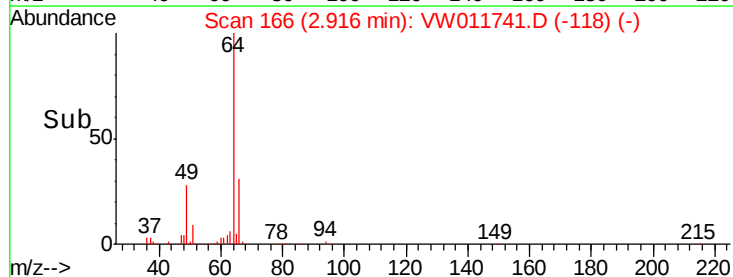
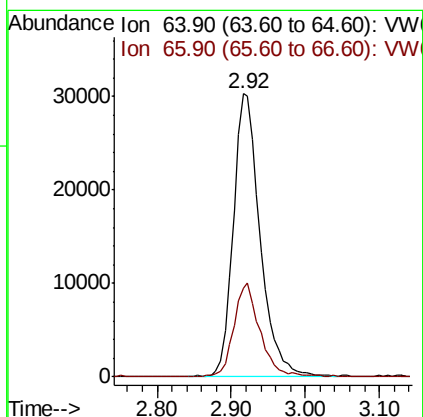
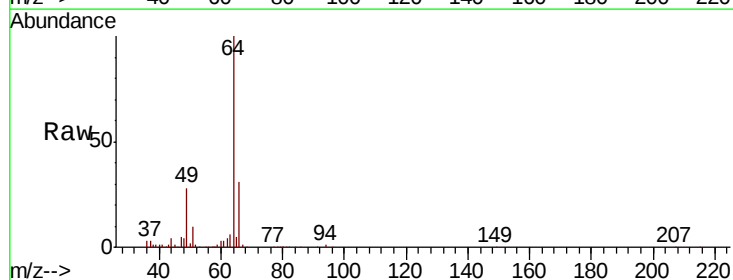
Acq: 07 Aug 2019 10:34

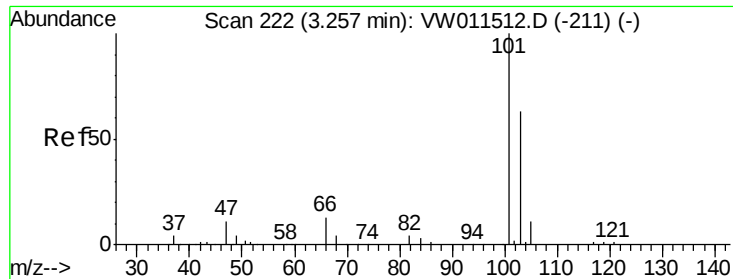
Tgt Ion: 64 Resp: 76585

Ion Ratio Lower Upper

64 100

66 31.2 24.6 36.8



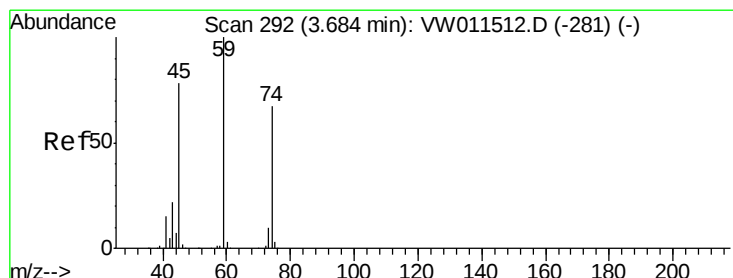
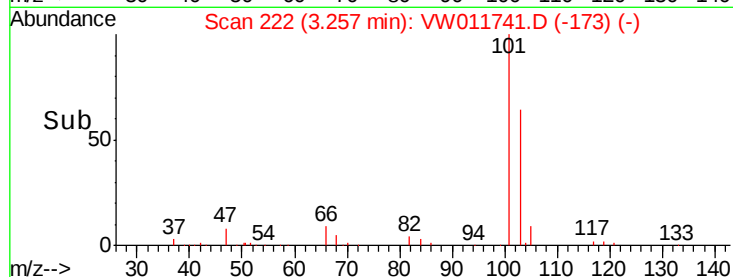
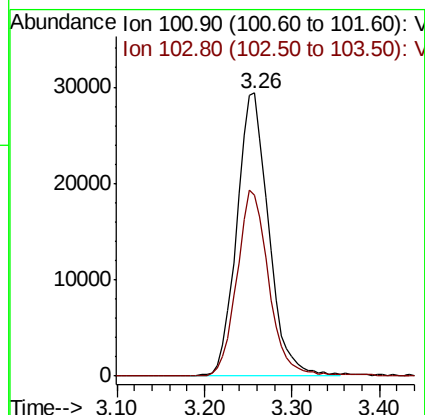
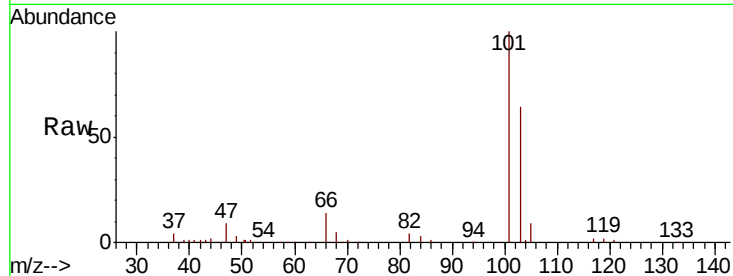


#7

Trichlorofluoromethane
 Concen: 62.382 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW011741.D
 Acq: 07 Aug 2019 10:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

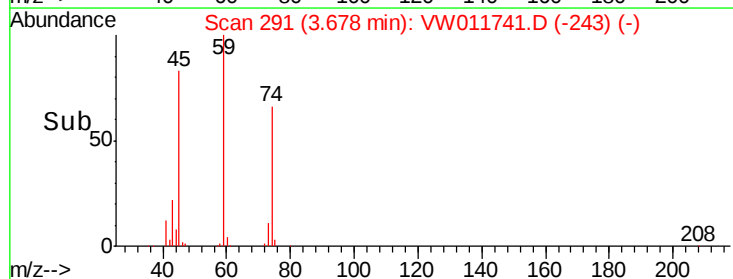
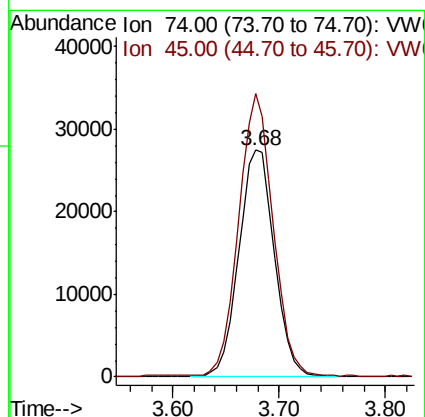
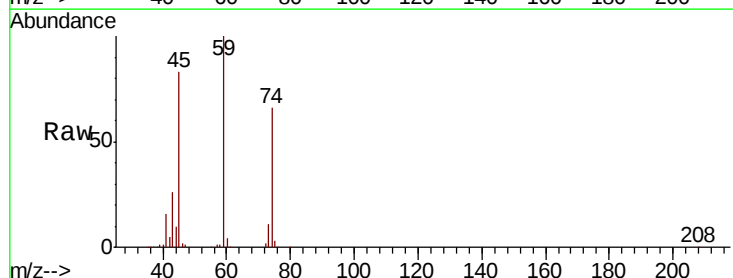
Tgt Ion:101 Resp: 74637
 Ion Ratio Lower Upper
 101 100
 103 64.0 50.2 75.4

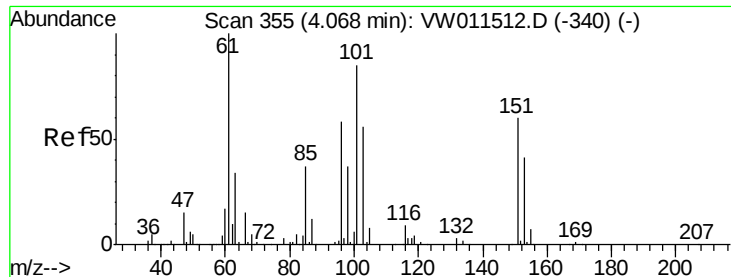


#8

Diethyl Ether
 Concen: 47.419 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW011741.D
 Acq: 07 Aug 2019 10:34

Tgt Ion: 74 Resp: 64326
 Ion Ratio Lower Upper
 74 100
 45 120.0 59.6 178.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.109 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW011741.D

Acq: 07 Aug 2019 10:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

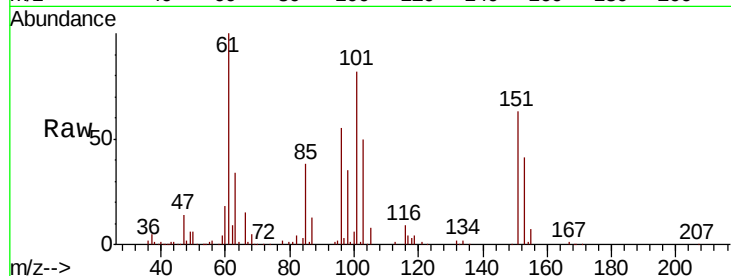
Tgt Ion:101 Resp: 120538

Ion Ratio Lower Upper

101 100

85 45.8 36.6 54.8

151 74.9 60.2 90.2

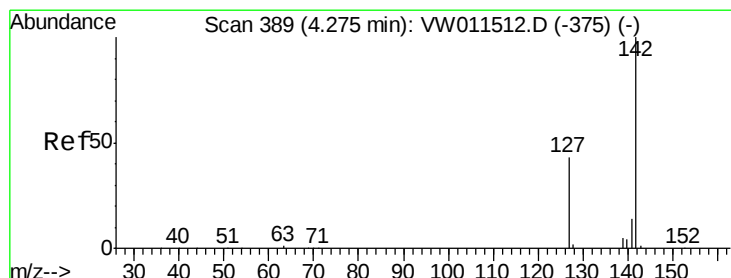
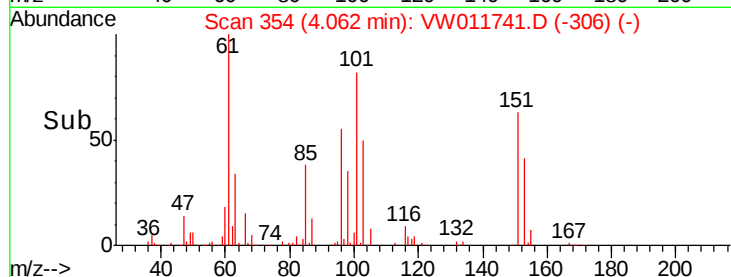
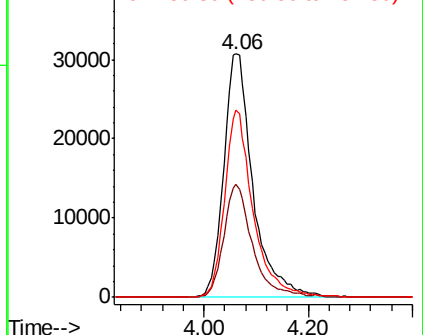


Abundance

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: 49.854 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

Lab File: VW011741.D

Acq: 07 Aug 2019 10:34

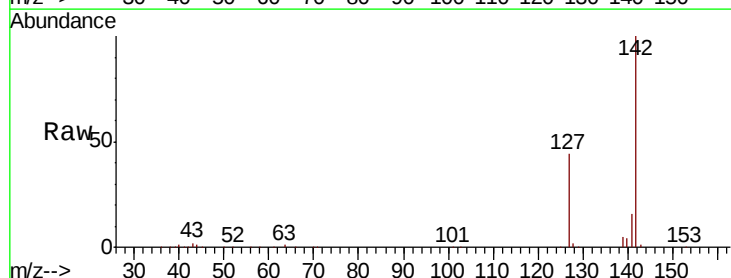
Tgt Ion:142 Resp: 159903

Ion Ratio Lower Upper

142 100

127 44.4 35.0 52.6

141 15.1 11.9 17.9

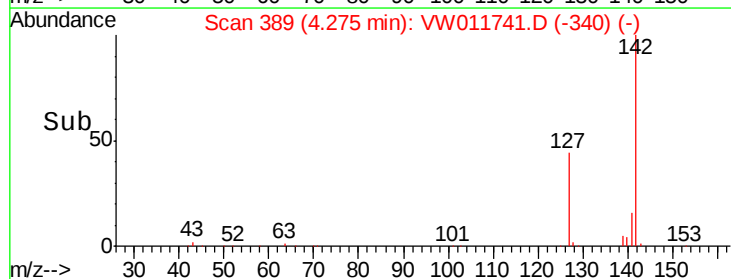
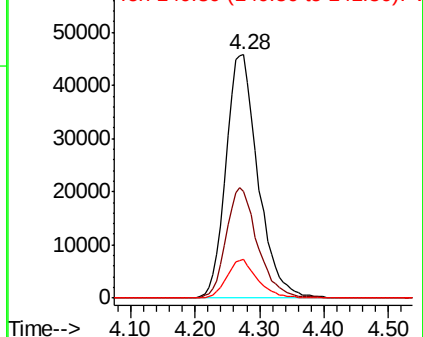


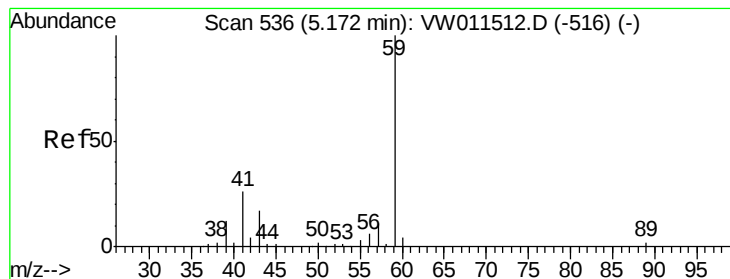
Abundance

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



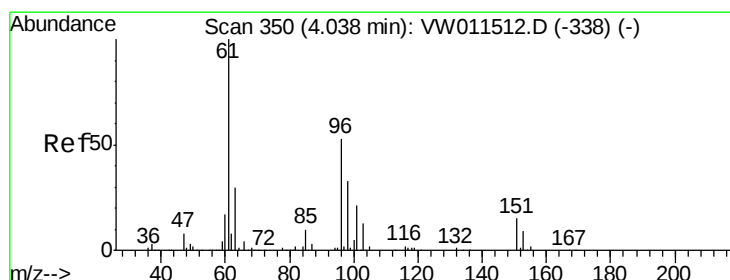
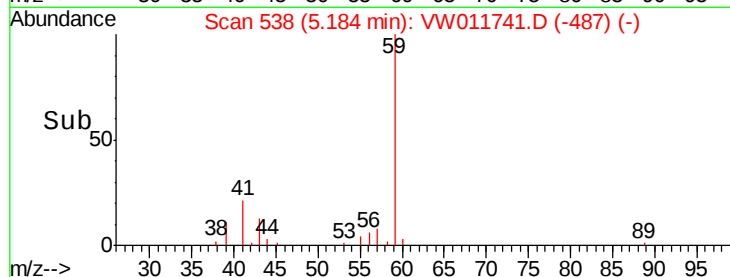
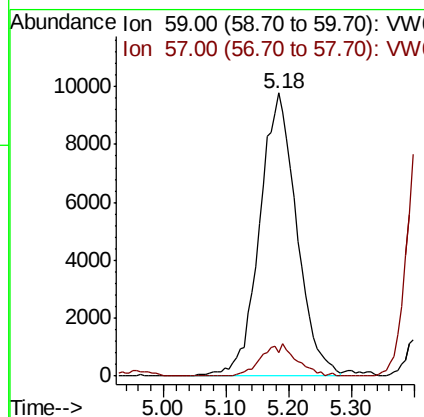
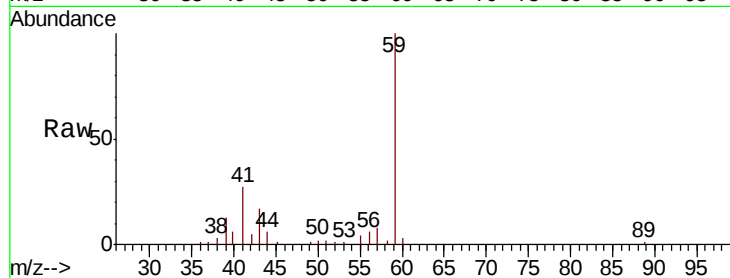


#11

Tert butyl alcohol
 Concen: 201.904 ug/l
 RT: 5.18 min Scan# 538
 Delta R.T. 0.01 min
 Lab File: VW011741.D
 Acq: 07 Aug 2019 10:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

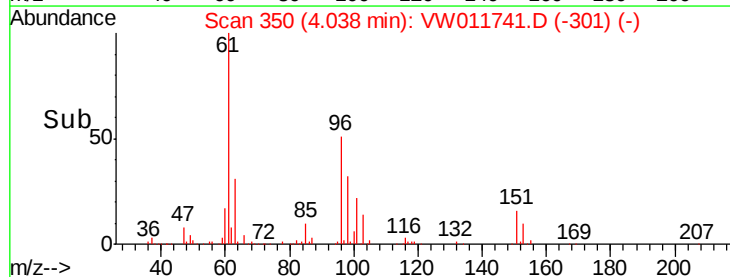
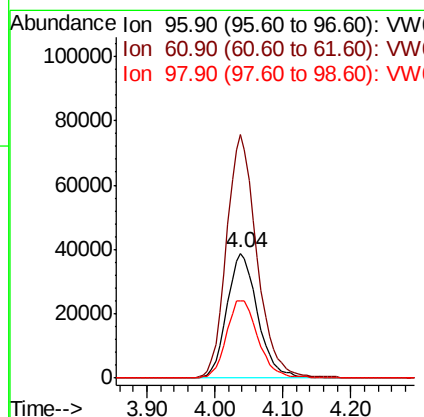
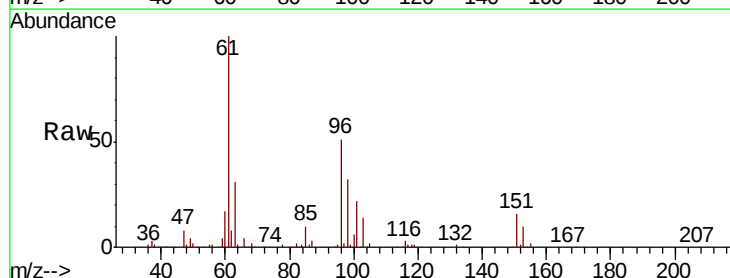
Tgt Ion: 59 Resp: 40039
 Ion Ratio Lower Upper
 59 100
 57 5.7 8.5 12.7#

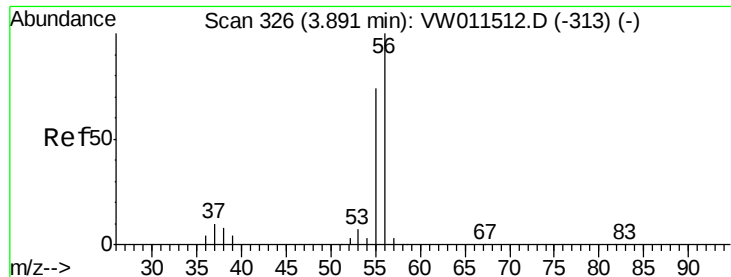


#12

1,1-Dichloroethene
 Concen: 50.761 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW011741.D
 Acq: 07 Aug 2019 10:34

Tgt Ion: 96 Resp: 121643
 Ion Ratio Lower Upper
 96 100
 61 195.5 149.9 224.9
 98 61.5 49.1 73.7

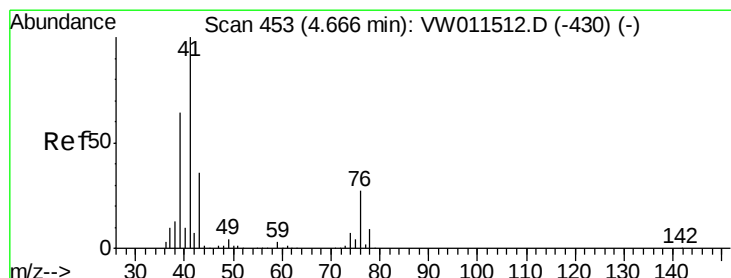
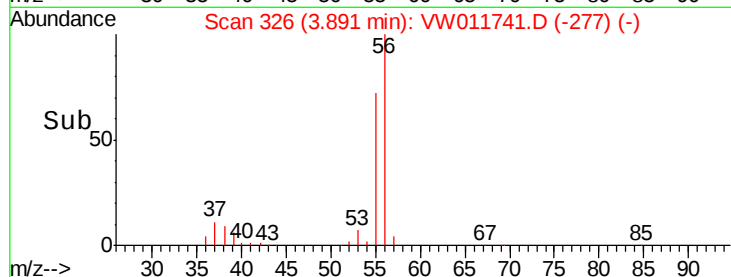
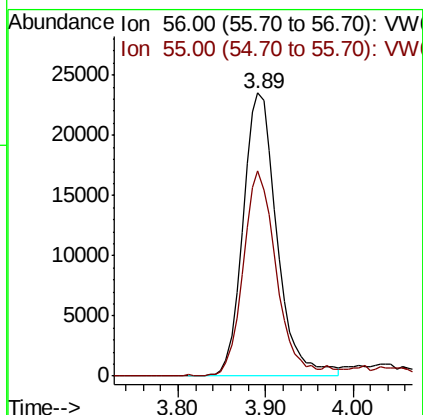
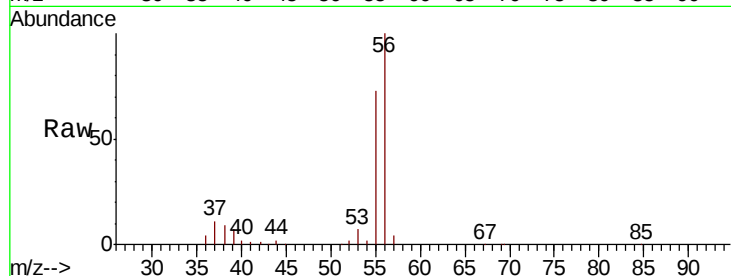




#13
 Acrolein
 Concen: 333.485 ug/l
 RT: 3.89 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VW011741.D
 Acq: 07 Aug 2019 10:34

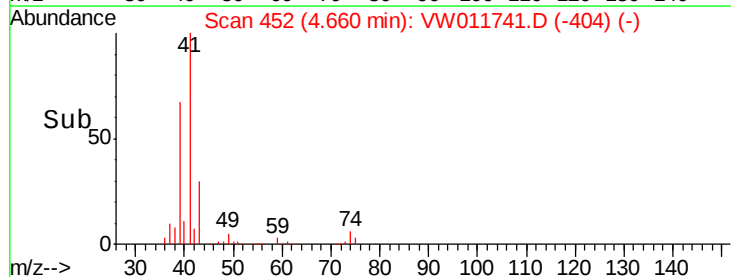
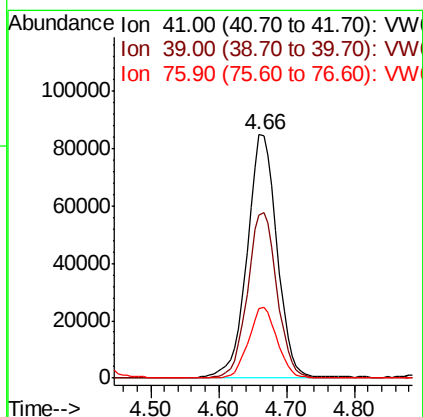
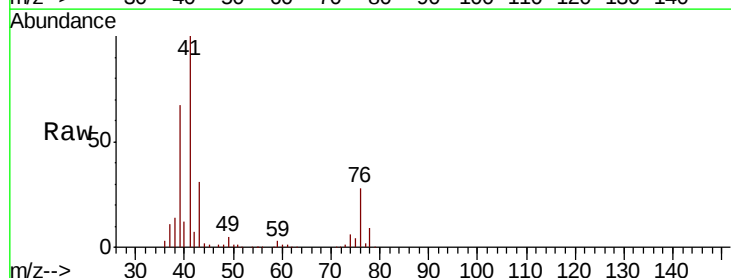
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

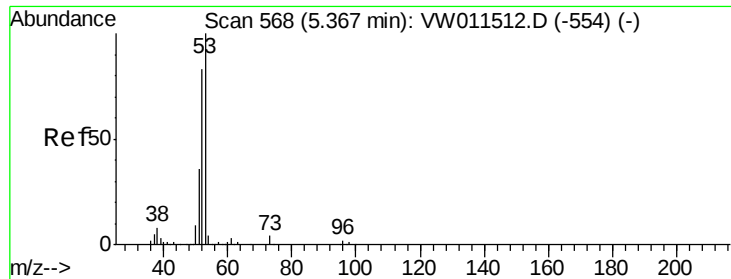
Tgt Ion: 56 Resp: 63224
 Ion Ratio Lower Upper
 56 100
 55 69.9 56.0 84.0



#14
 Allyl chloride
 Concen: 51.188 ug/l
 RT: 4.66 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: VW011741.D
 Acq: 07 Aug 2019 10:34

Tgt Ion: 41 Resp: 260902
 Ion Ratio Lower Upper
 41 100
 39 66.6 52.6 78.8
 76 27.5 22.0 33.0





#15

Acrylonitrile

Concen: 243.565 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW011741.D

Acq: 07 Aug 2019 10:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

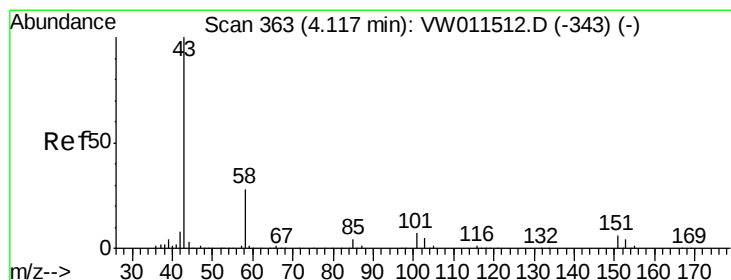
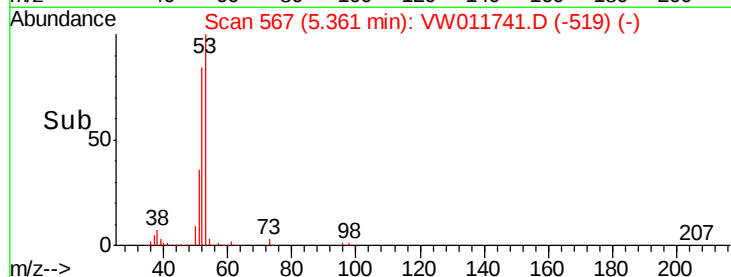
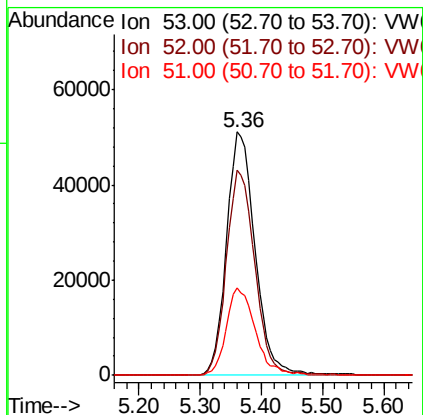
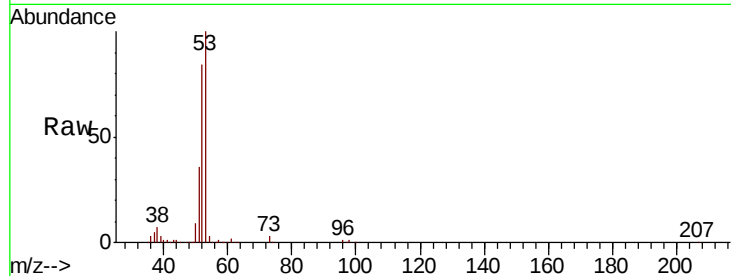
Tgt Ion: 53 Resp: 164937

Ion Ratio Lower Upper

53 100

52 83.7 67.2 100.8

51 36.8 30.0 45.0



#16

Acetone

Concen: 247.256 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011741.D

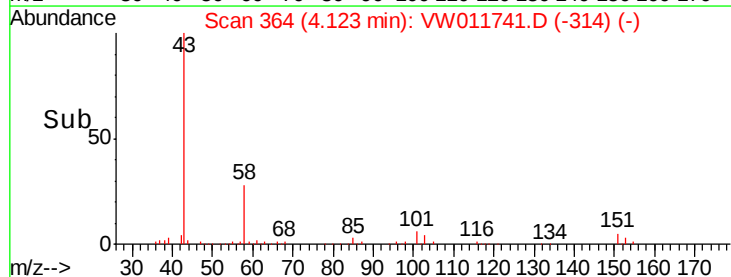
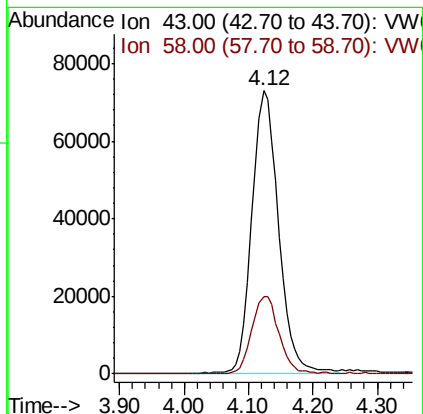
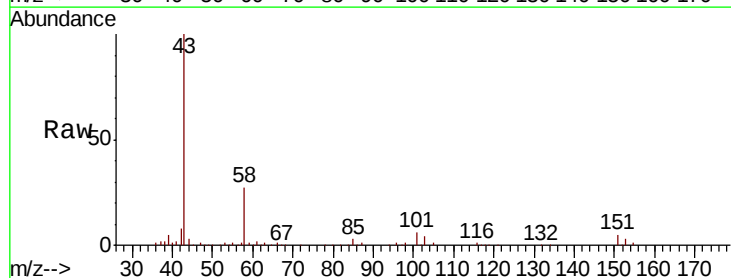
Acq: 07 Aug 2019 10:34

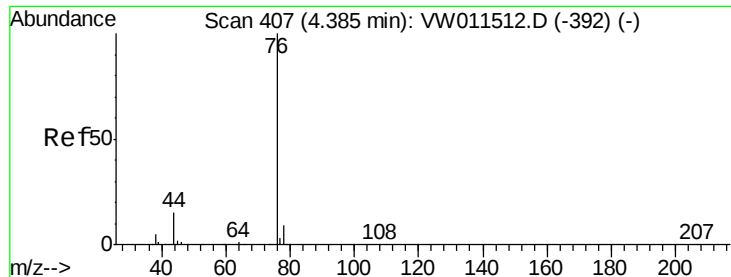
Tgt Ion: 43 Resp: 207813

Ion Ratio Lower Upper

43 100

58 27.3 22.3 33.5





#17

Carbon Disulfide

Concen: 51.031 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW011741.D

Acq: 07 Aug 2019 10:34

Instrument :

MSVOA_W

ClientSampleId :

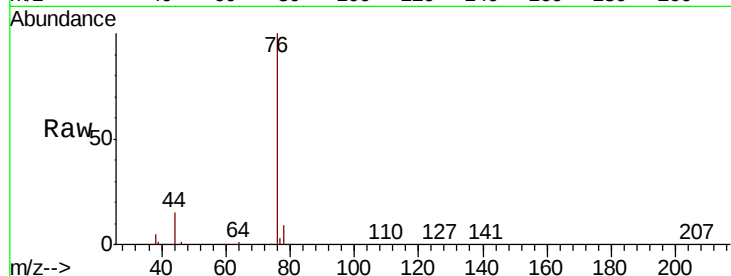
VSTDCCC050

Tgt Ion: 76 Resp: 382751

Ion Ratio Lower Upper

76 100

78 9.5 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

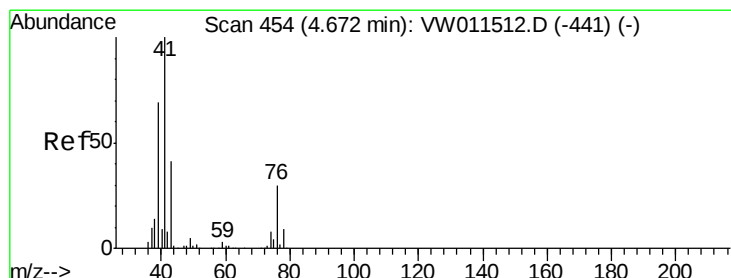
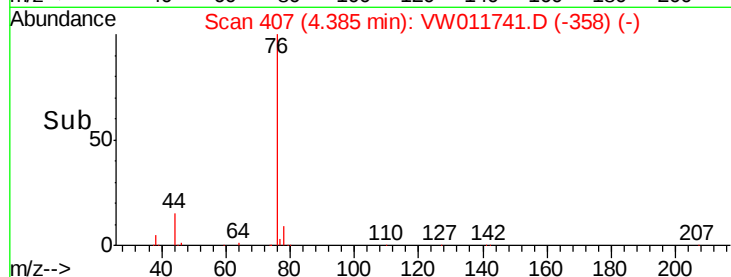
4.39

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 45.339 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW011741.D

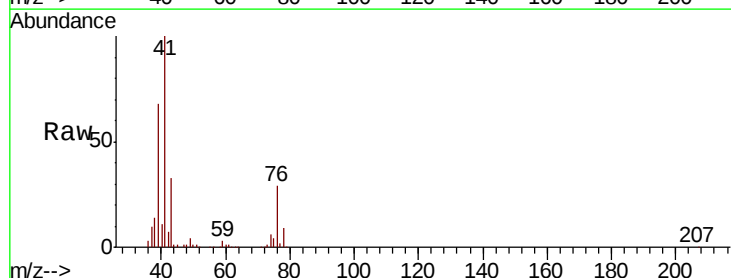
Acq: 07 Aug 2019 10:34

Tgt Ion: 43 Resp: 85605

Ion Ratio Lower Upper

43 100

74 18.6 15.9 23.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

30000

25000

20000

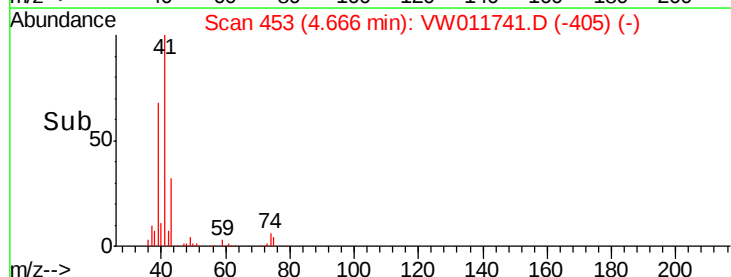
15000

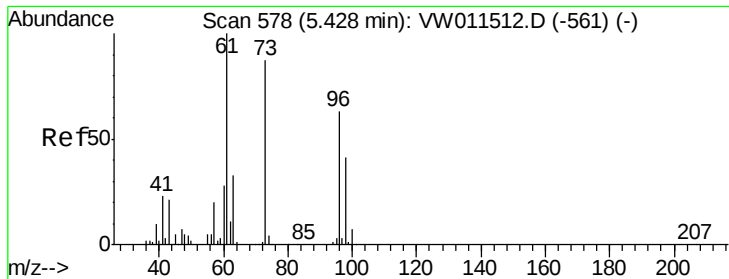
10000

5000

0

Time-->

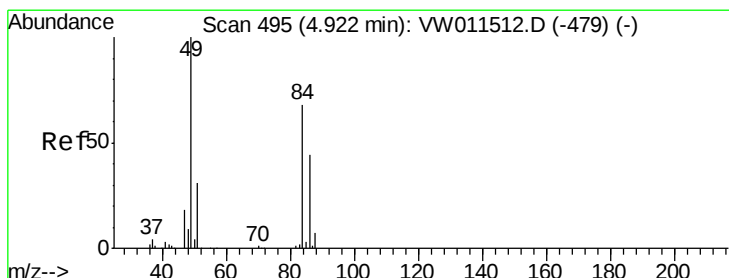
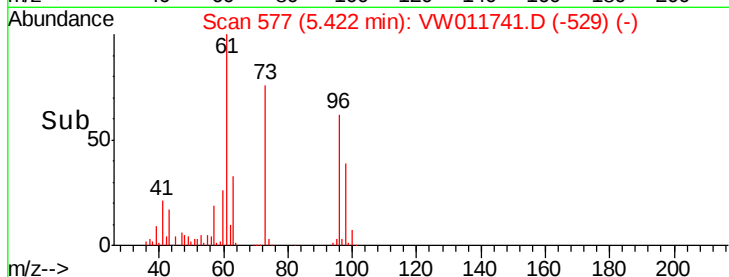
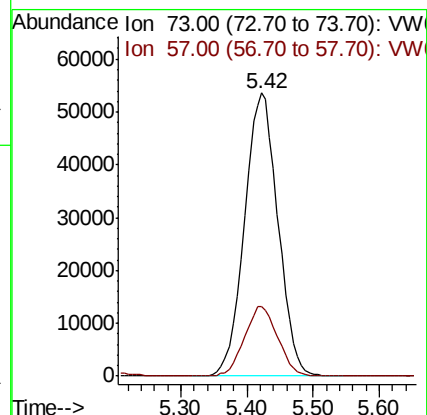
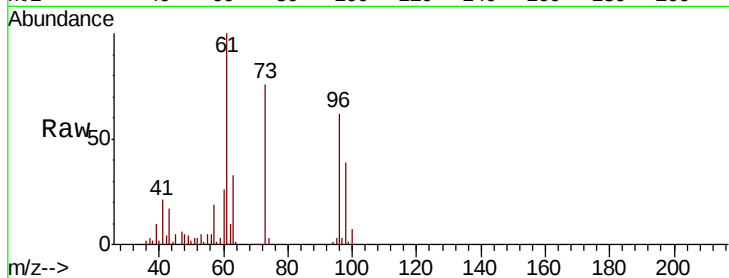




#19
Methyl tert-butyl Ether
Concen: 49.353 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW011741.D
Acq: 07 Aug 2019 10:34

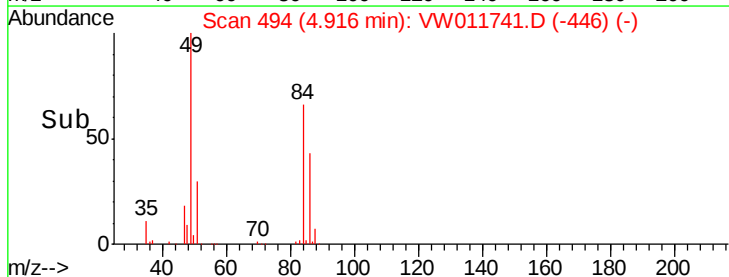
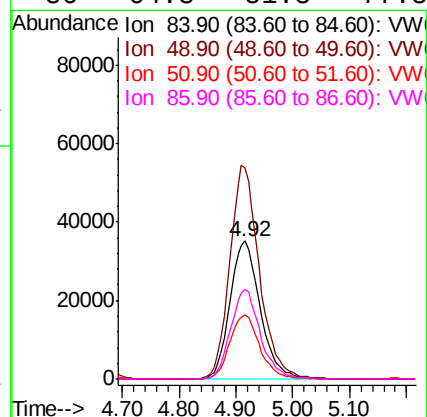
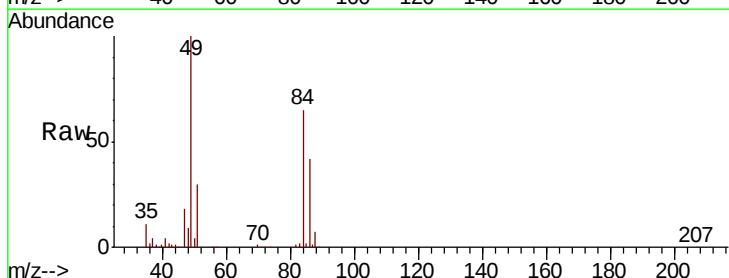
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

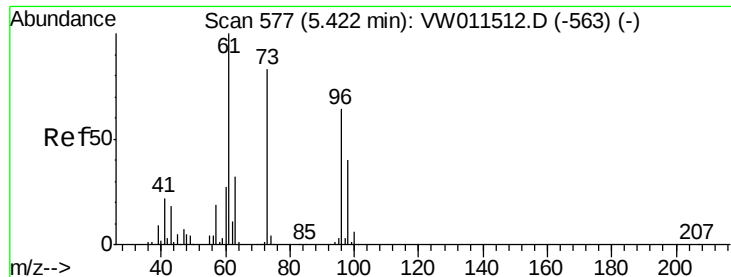
Tgt Ion: 73 Resp: 187681
Ion Ratio Lower Upper
73 100
57 24.6 18.4 27.6



#20
Methylene Chloride
Concen: 44.761 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011741.D
Acq: 07 Aug 2019 10:34

Tgt Ion: 84 Resp: 129747
Ion Ratio Lower Upper
84 100
49 153.3 117.8 176.6
51 46.1 37.0 55.4
86 64.8 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 50.501 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW011741.D

Acq: 07 Aug 2019 10:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

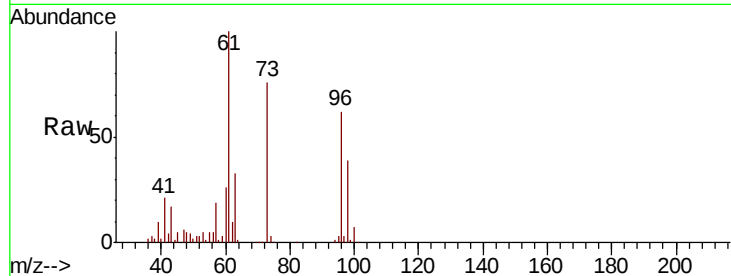
Tgt Ion: 96 Resp: 130474

Ion Ratio Lower Upper

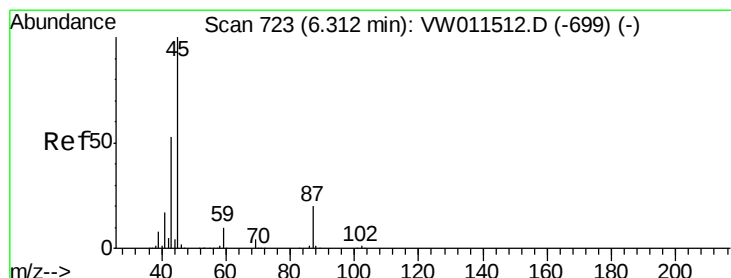
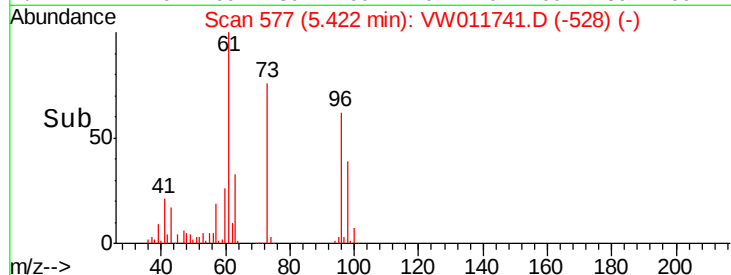
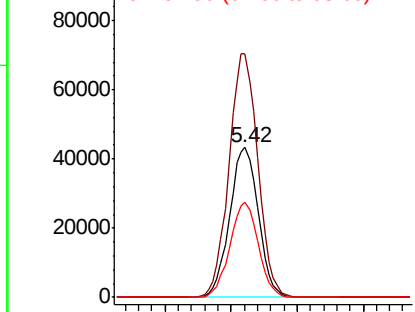
96 100

61 162.5 125.7 188.5

98 63.5 50.3 75.5



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 49.155 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW011741.D

Acq: 07 Aug 2019 10:34

Tgt Ion: 45 Resp: 472362

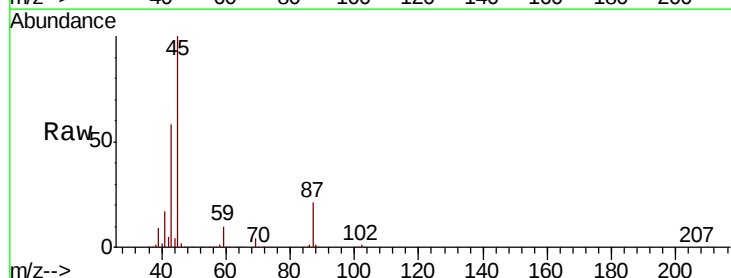
Ion Ratio Lower Upper

45 100

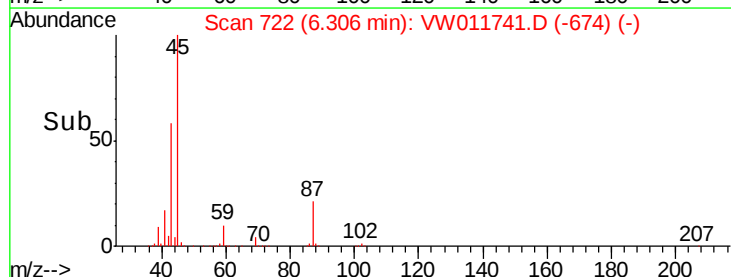
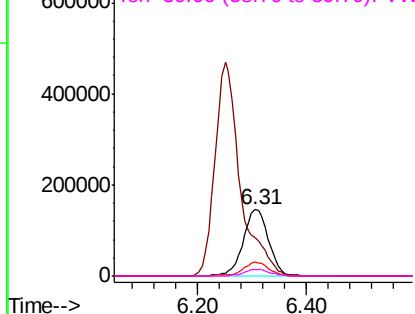
43 58.3 42.6 63.8

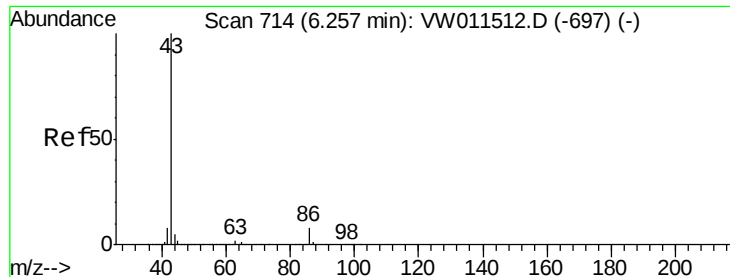
87 20.8 16.4 24.6

59 10.1 8.2 12.2



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 250.870 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW011741.D

Acq: 07 Aug 2019 10:34

Instrument :

MSVOA_W

ClientSampleId :

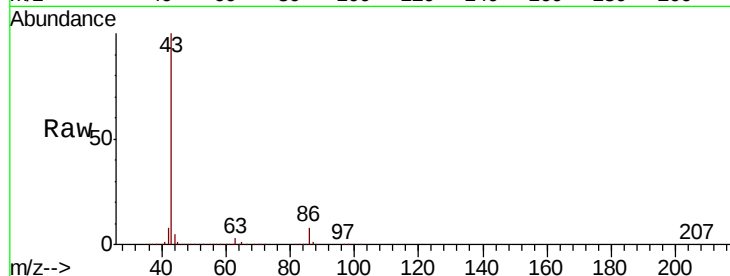
VSTDCCC050

Tgt Ion: 43 Resp: 1514808

Ion Ratio Lower Upper

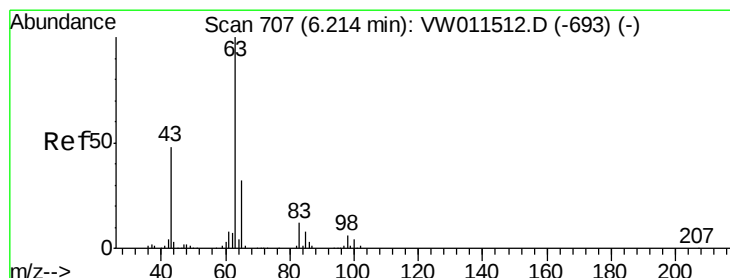
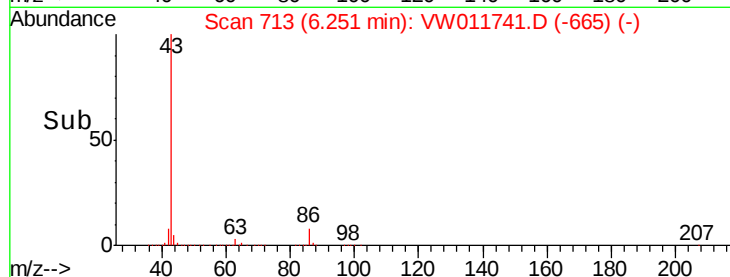
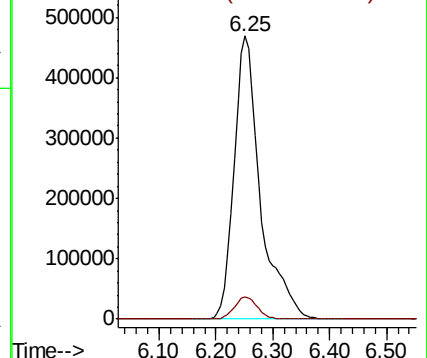
43 100

86 7.9 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 50.177 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW011741.D

Acq: 07 Aug 2019 10:34

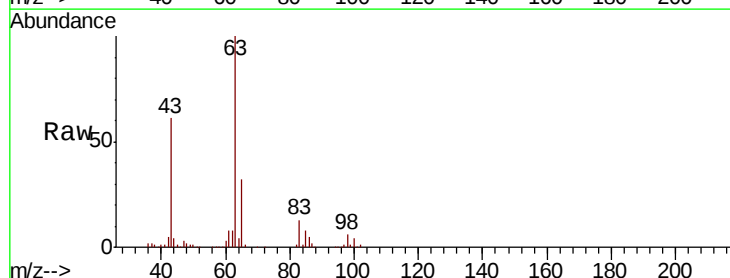
Tgt Ion: 63 Resp: 258237

Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.8

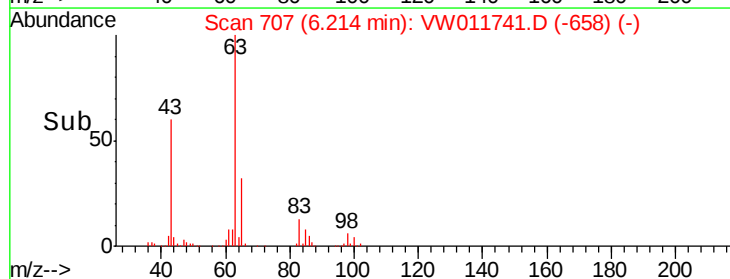
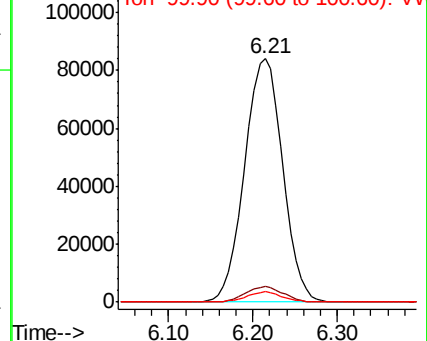
100 4.3 2.1 6.3

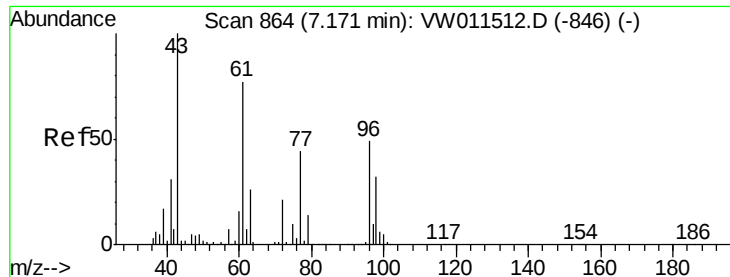


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 241.844 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW011741.D

Acq: 07 Aug 2019 10:34

Instrument :

MSVOA_W

ClientSampleId :

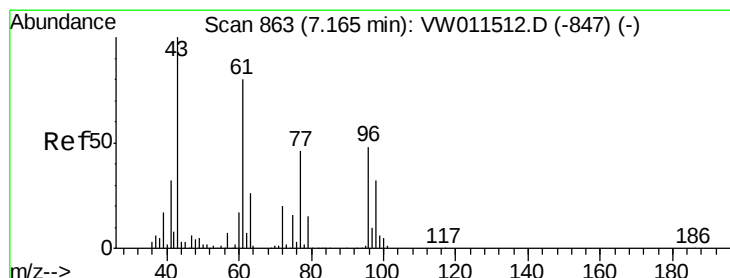
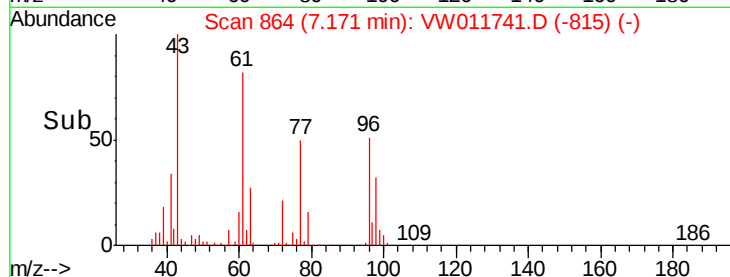
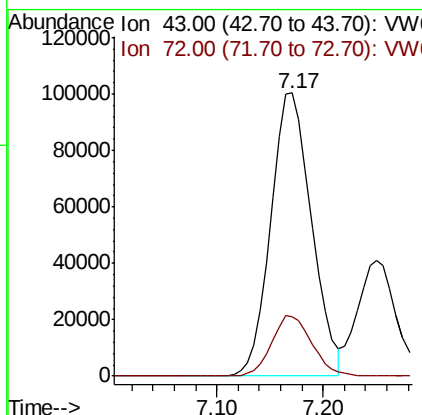
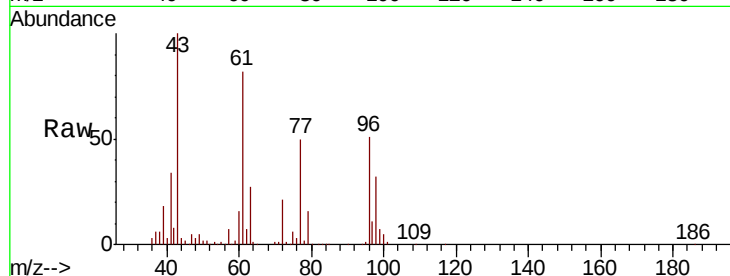
VSTDCCC050

Tgt Ion: 43 Resp: 265978

Ion Ratio Lower Upper

43 100

72 21.1 16.6 24.8



#26

2,2-Dichloropropane

Concen: 48.379 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW011741.D

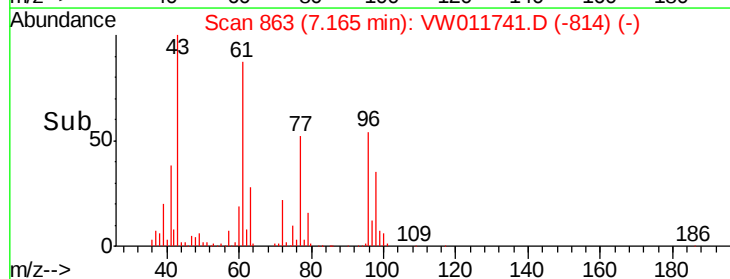
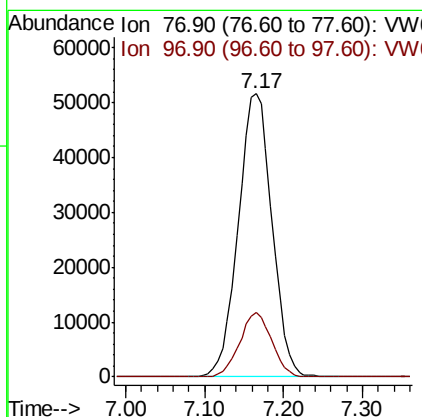
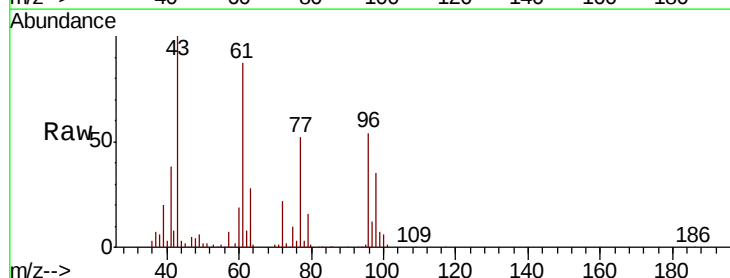
Acq: 07 Aug 2019 10:34

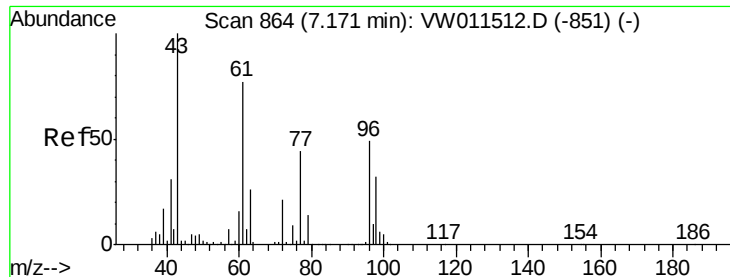
Tgt Ion: 77 Resp: 153124

Ion Ratio Lower Upper

77 100

97 21.6 10.8 32.4



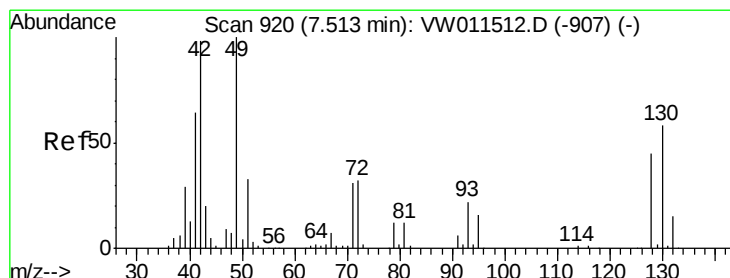
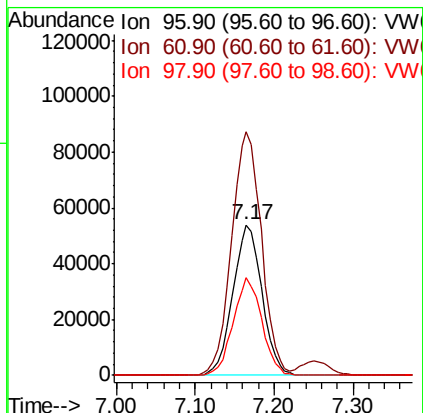
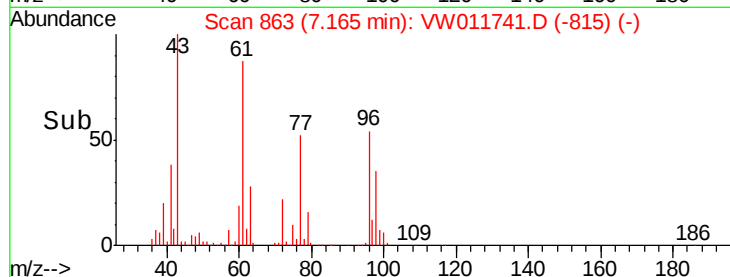
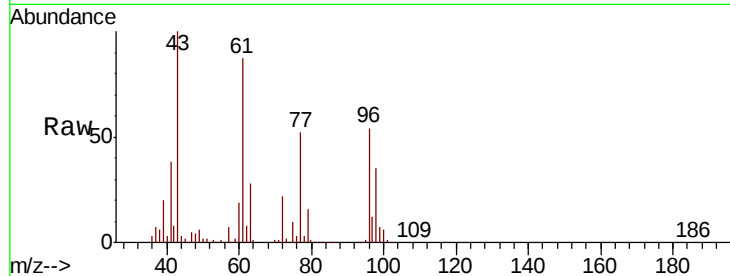


#27

cis-1,2-Dichloroethene
Concen: 48.700 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW011741.D
Acq: 07 Aug 2019 10:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

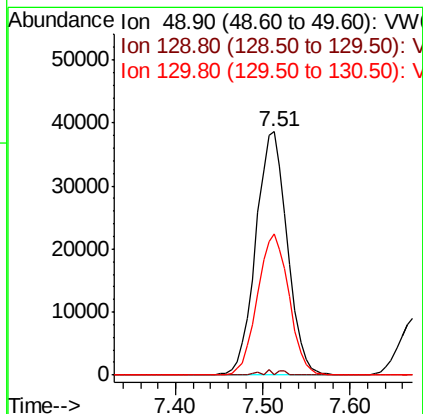
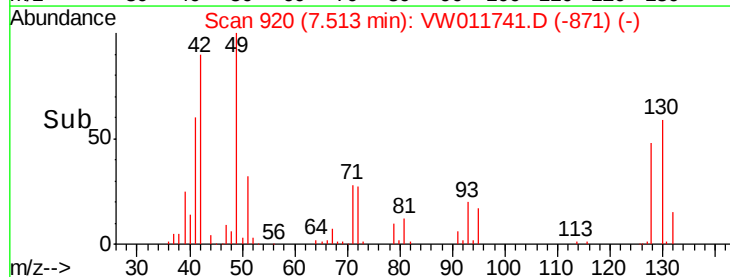
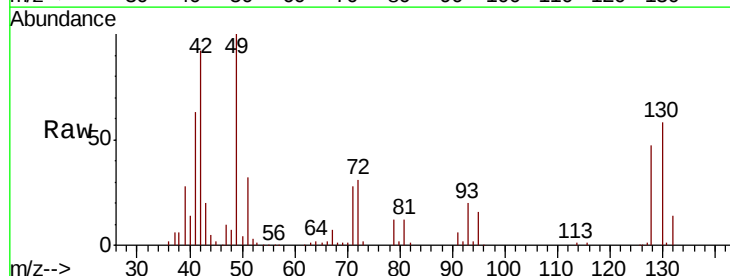
Tgt Ion: 96 Resp: 138478
Ion Ratio Lower Upper
96 100
61 166.0 0.0 328.4
98 63.7 0.0 128.8

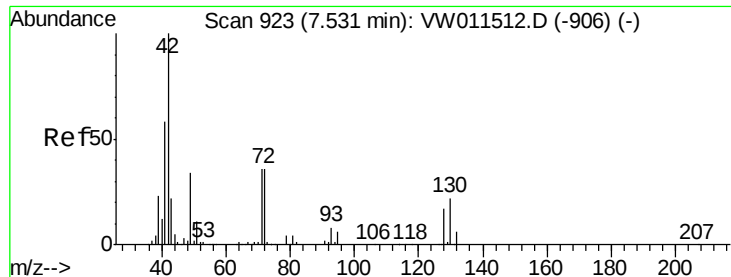


#28

Bromochloromethane
Concen: 42.318 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW011741.D
Acq: 07 Aug 2019 10:34

Tgt Ion: 49 Resp: 96671
Ion Ratio Lower Upper
49 100
129 0.3 0.0 1.0
130 58.2 46.3 69.5

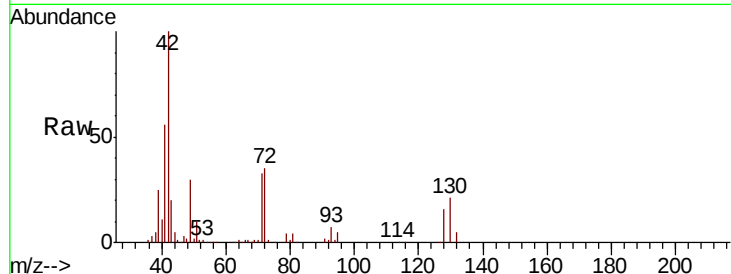




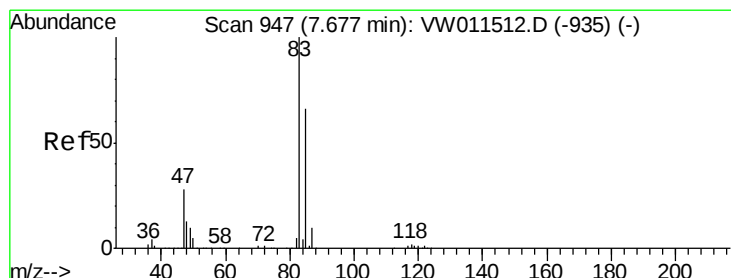
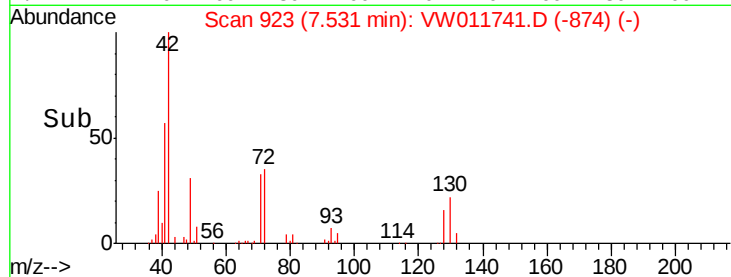
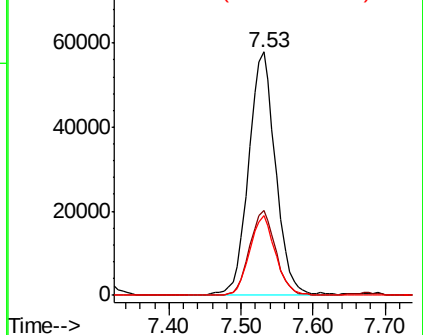
#29
Tetrahydrofuran
Concen: 238.313 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW011741.D
Acq: 07 Aug 2019 10:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 149815
Ion Ratio Lower Upper
42 100
72 34.0 27.1 40.7
71 31.6 26.2 39.4

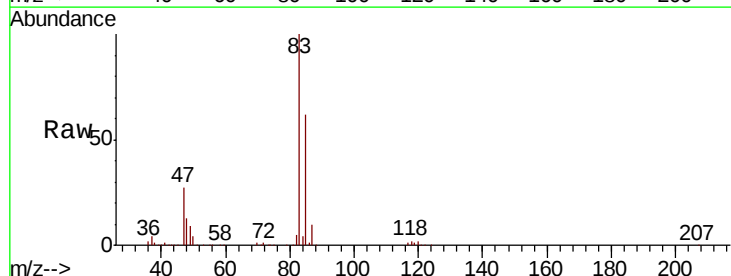


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

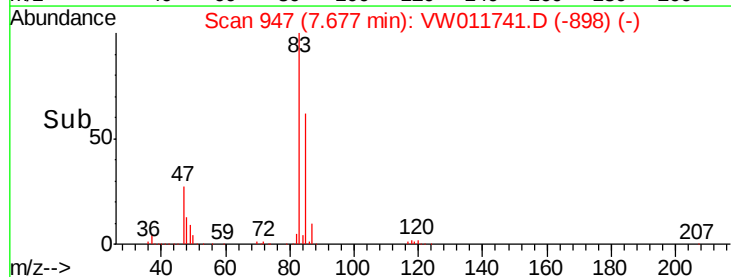
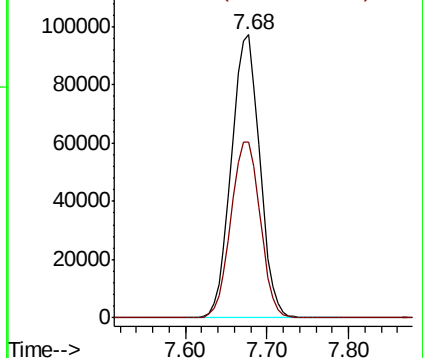


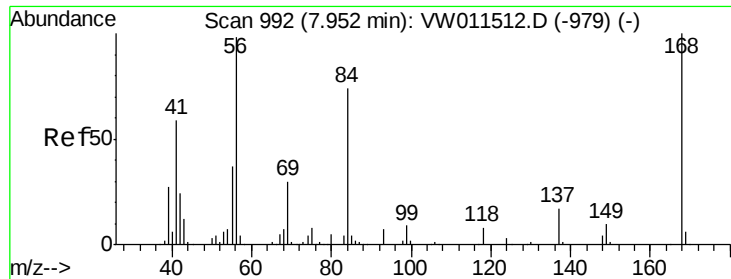
#30
Chloroform
Concen: 49.176 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW011741.D
Acq: 07 Aug 2019 10:34

Tgt Ion: 83 Resp: 233493
Ion Ratio Lower Upper
83 100
85 62.1 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW

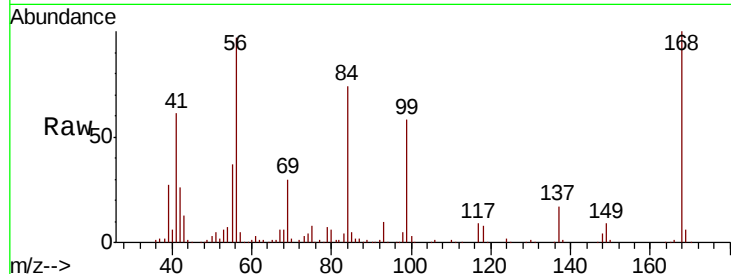




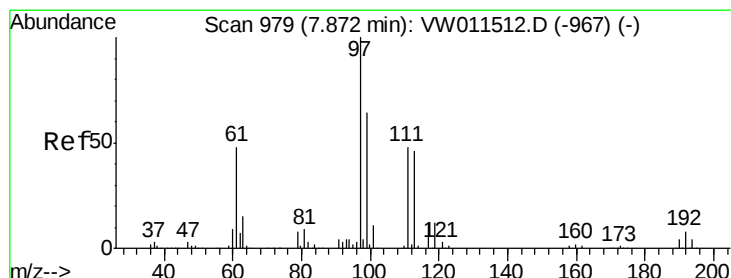
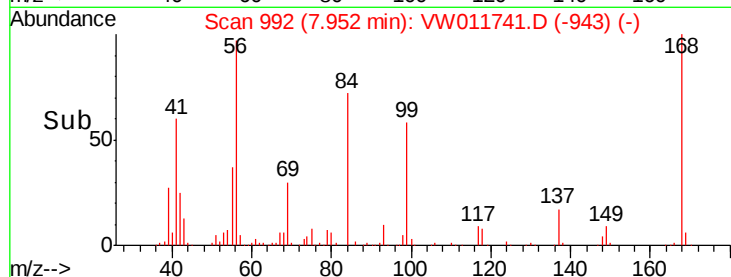
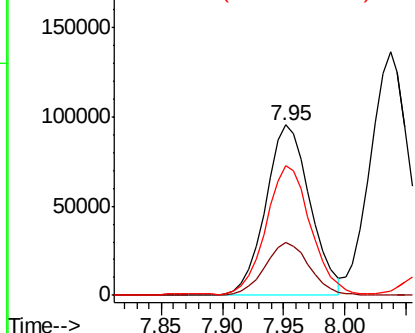
#31
Cyclohexane
Concen: 48.921 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW011741.D
Acq: 07 Aug 2019 10:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 241684
Ion Ratio Lower Upper
56 100
69 31.2 24.3 36.5
84 74.8 60.4 90.6

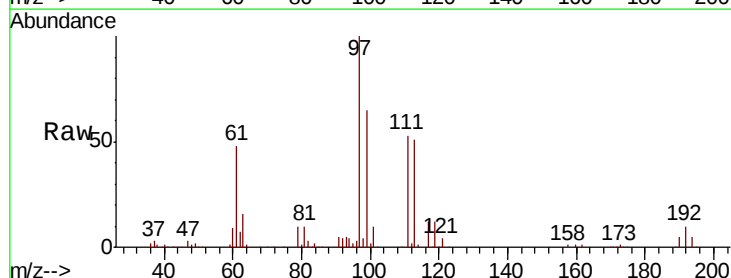


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

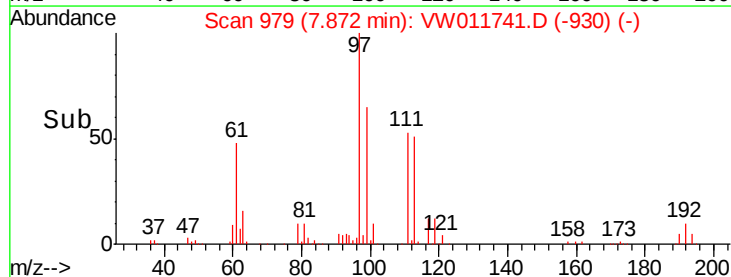
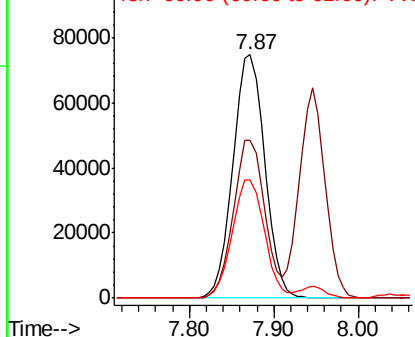


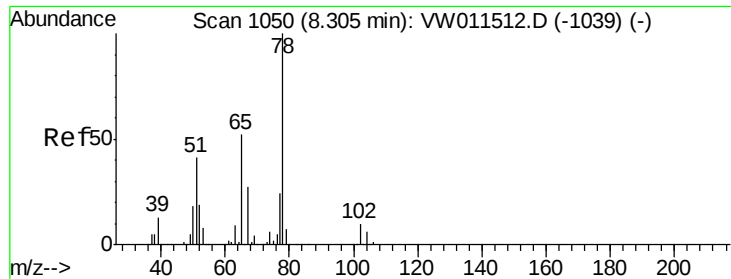
#32
1,1,1-Trichloroethane
Concen: 52.924 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW011741.D
Acq: 07 Aug 2019 10:34

Tgt Ion: 97 Resp: 191372
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.6
61 49.4 39.8 59.6



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

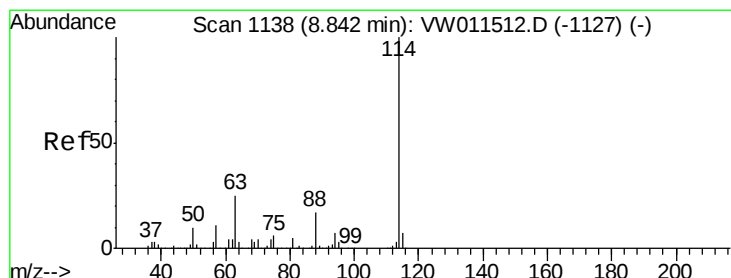
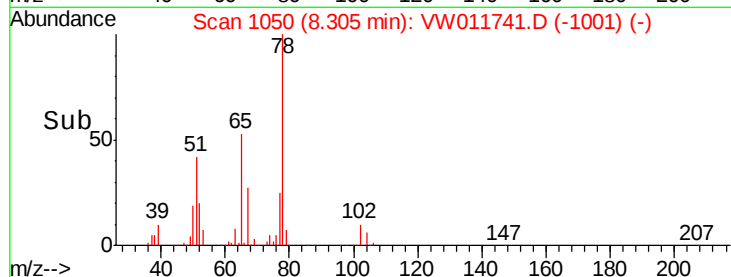
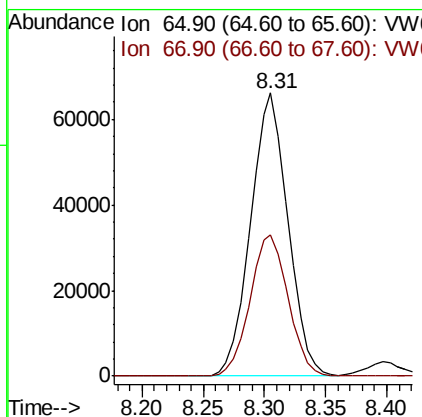
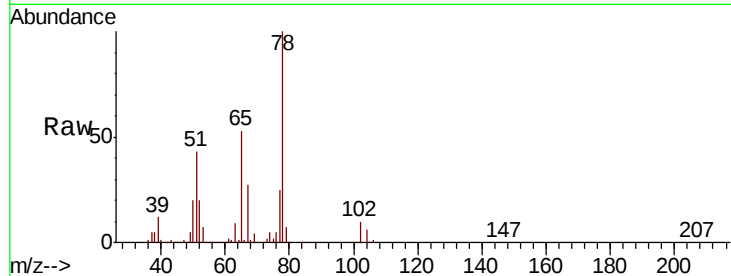




#33
 1,2-Dichloroethane-d4
 Concen: 53.217 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011741.D
 Acq: 07 Aug 2019 10:34

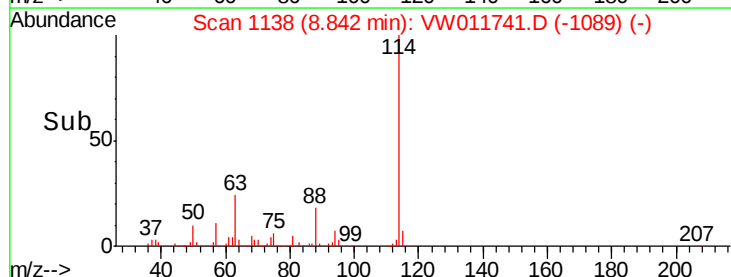
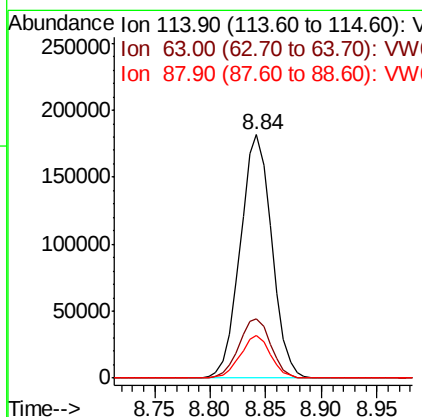
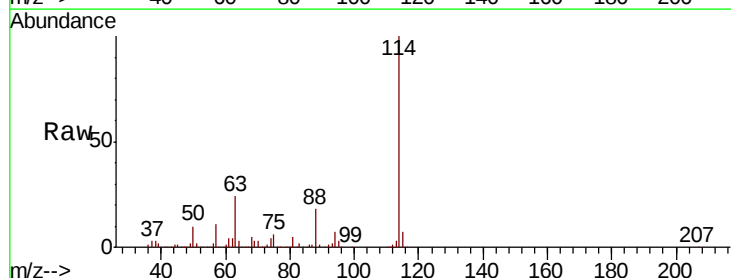
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

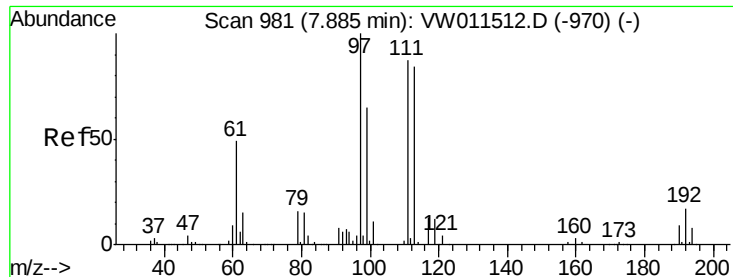
Tgt Ion: 65 Resp: 140611
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011741.D
 Acq: 07 Aug 2019 10:34

Tgt Ion: 114 Resp: 357031
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 49.2
 88 17.5 0.0 33.8

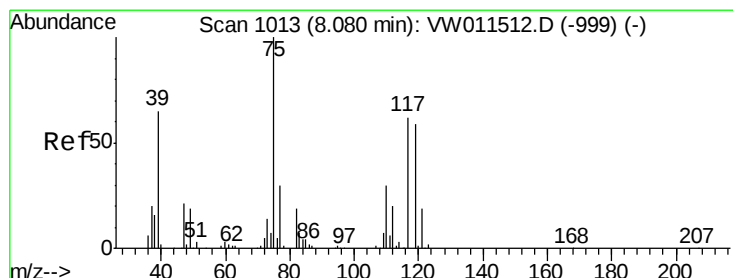
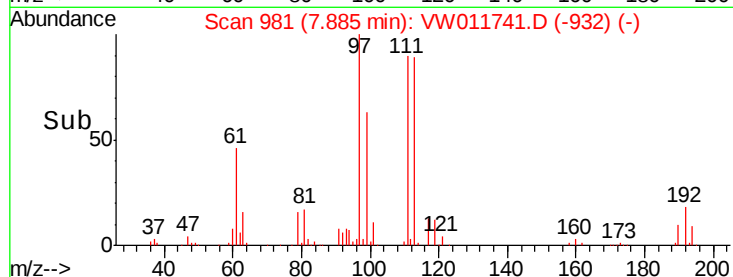
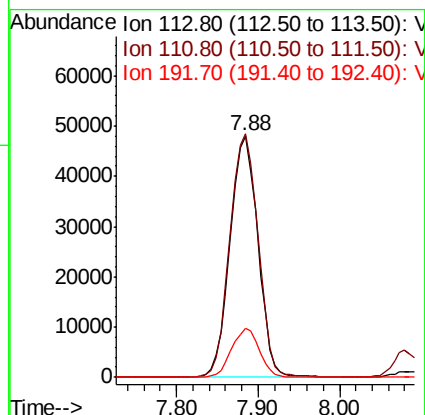
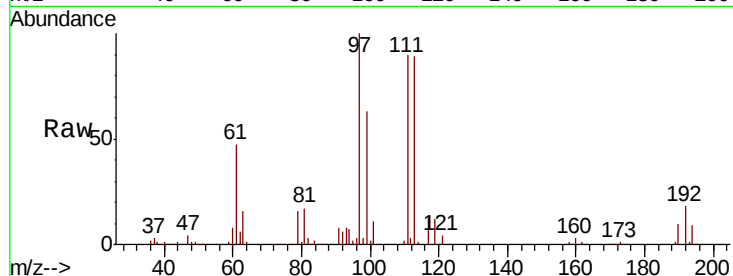




#35
 Dibromofluoromethane
 Concen: 56.452 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011741.D
 Acq: 07 Aug 2019 10:34

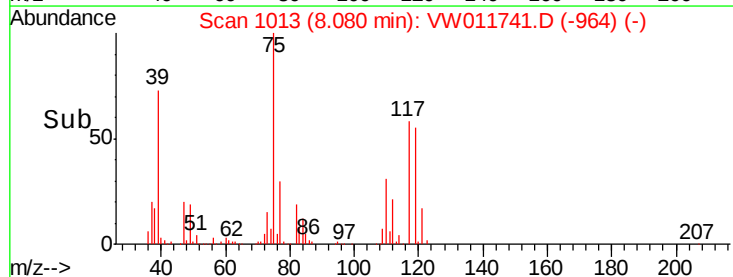
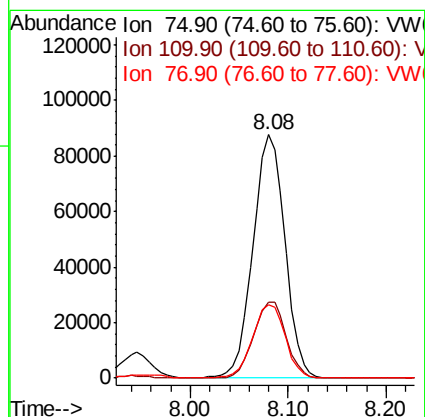
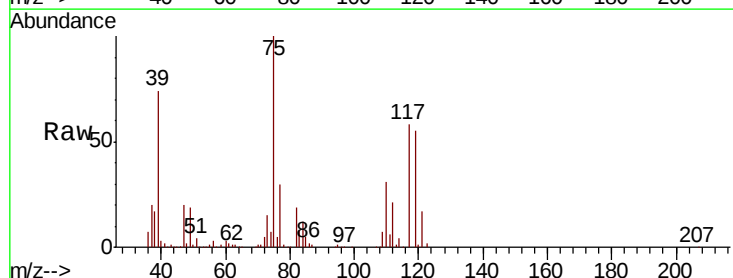
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

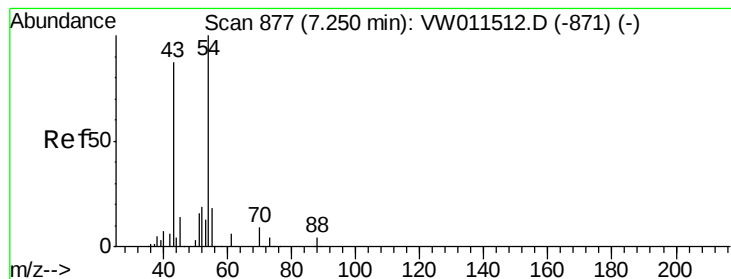
Tgt Ion: 113 Resp: 113074
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.7 124.1
 192 20.3 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 53.917 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW011741.D
 Acq: 07 Aug 2019 10:34

Tgt Ion: 75 Resp: 200167
 Ion Ratio Lower Upper
 75 100
 110 31.8 15.6 46.8
 77 31.1 24.3 36.5





#37

Ethyl Acetate

Concen: 49.454 ug/l

RT: 7.25 min Scan# 877

Delta R.T. 0.00 min

Lab File: VW011741.D

Acq: 07 Aug 2019 10:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

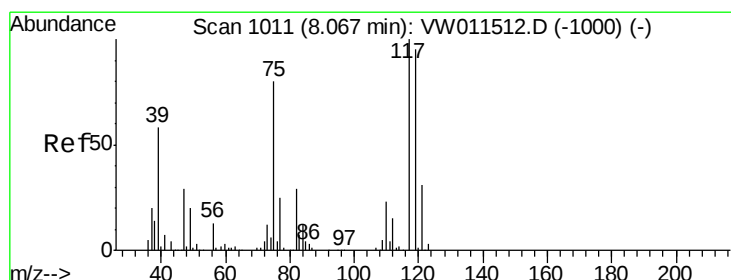
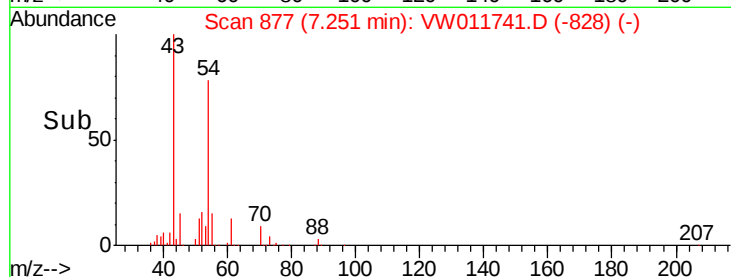
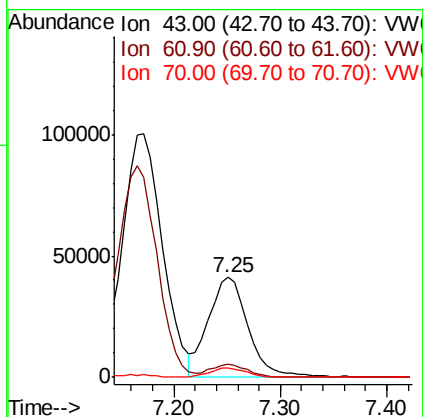
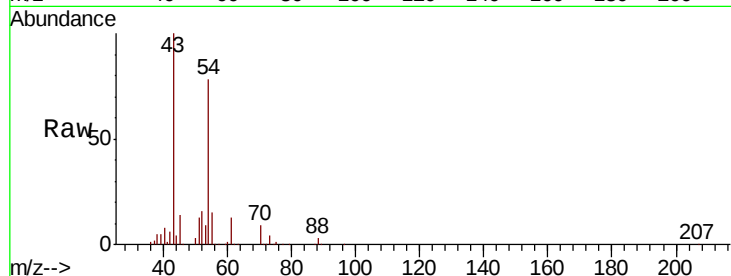
Tgt Ion: 43 Resp: 105627

Ion Ratio Lower Upper

43 100

61 12.4 8.8 13.2

70 8.9 7.1 10.7



#38

Carbon Tetrachloride

Concen: 55.575 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VW011741.D

Acq: 07 Aug 2019 10:34

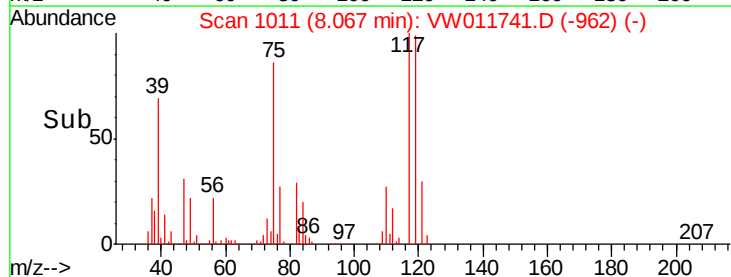
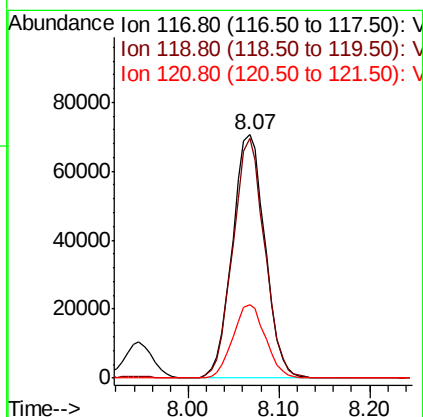
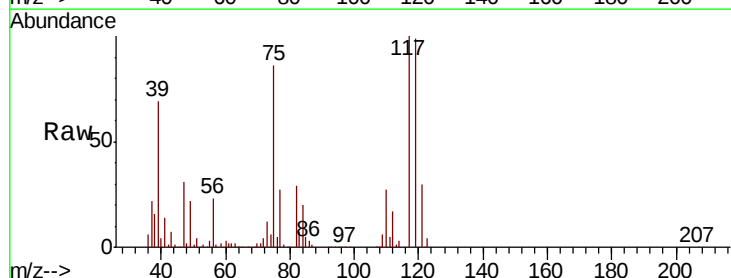
Tgt Ion: 117 Resp: 176626

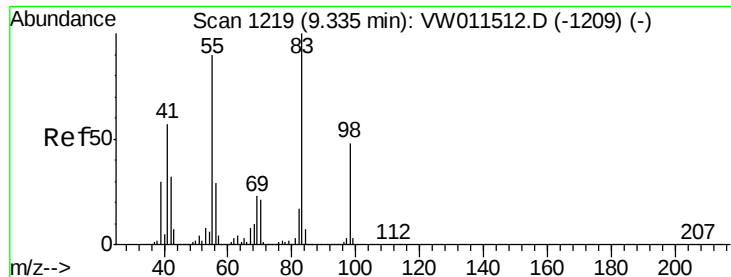
Ion Ratio Lower Upper

117 100

119 98.6 75.8 113.6

121 29.9 24.7 37.1

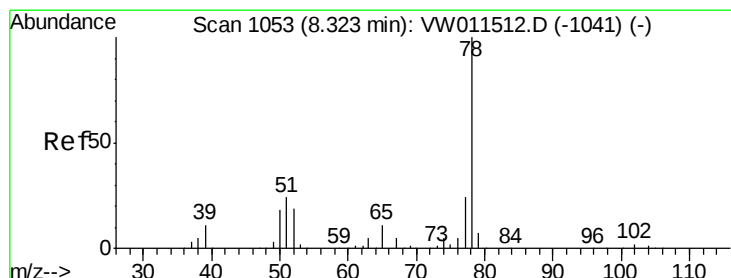
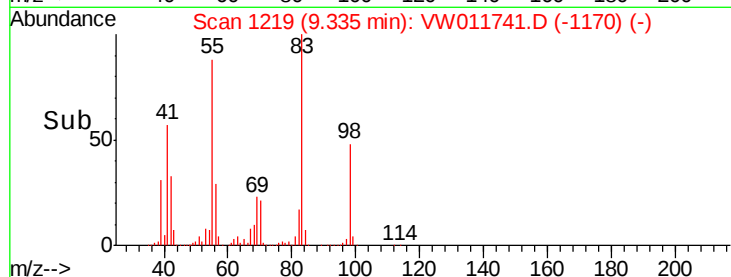
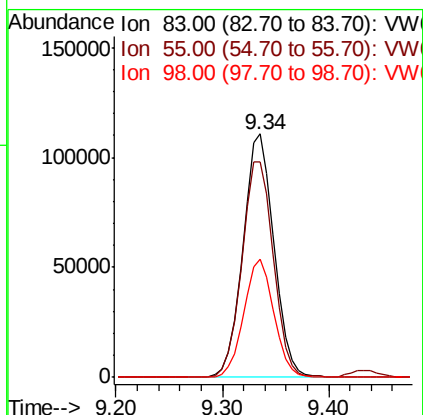
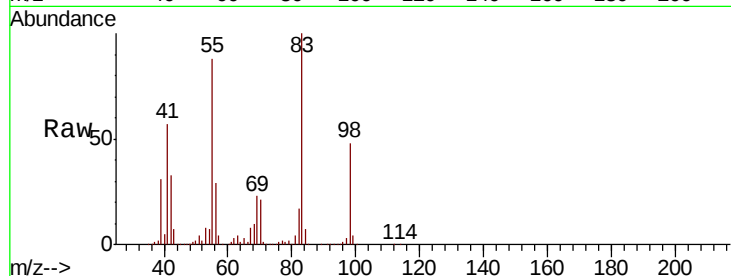




#39
Methylcyclohexane
Concen: 55.322 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW011741.D
Acq: 07 Aug 2019 10:34

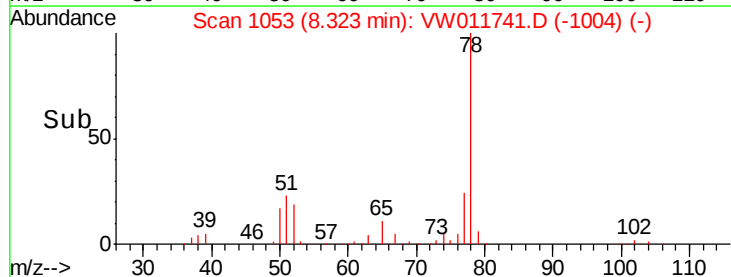
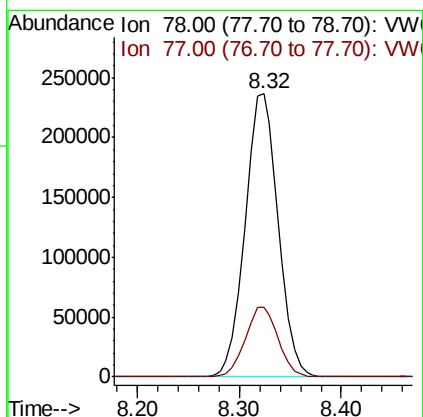
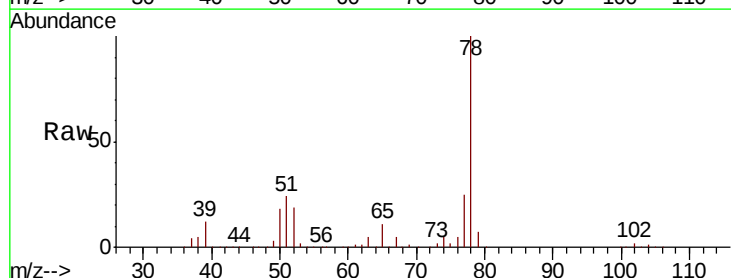
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

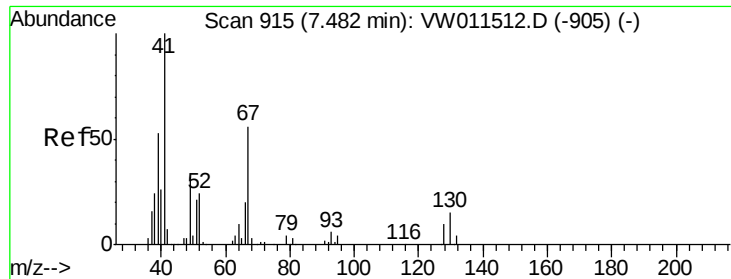
Tgt Ion: 83 Resp: 226149
Ion Ratio Lower Upper
83 100
55 88.4 72.1 108.1
98 48.3 38.6 57.8



#40
Benzene
Concen: 51.132 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW011741.D
Acq: 07 Aug 2019 10:34

Tgt Ion: 78 Resp: 531715
Ion Ratio Lower Upper
78 100
77 24.6 19.4 29.0

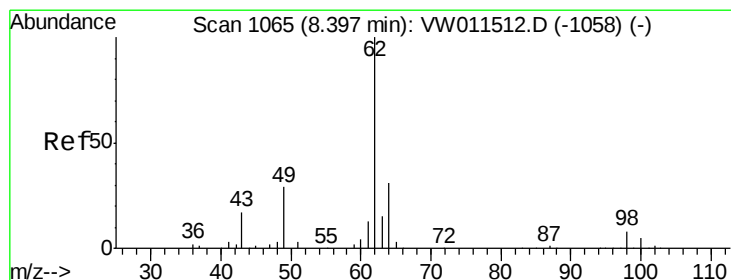
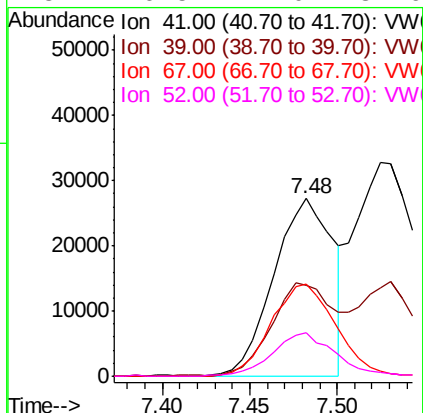
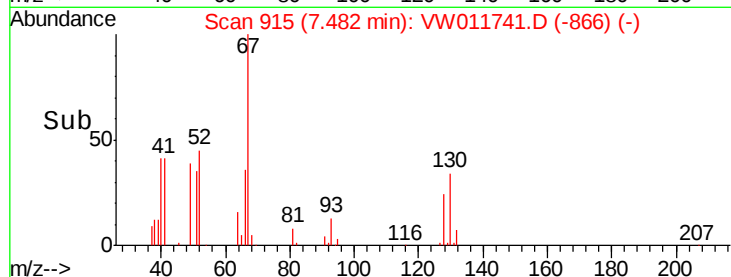
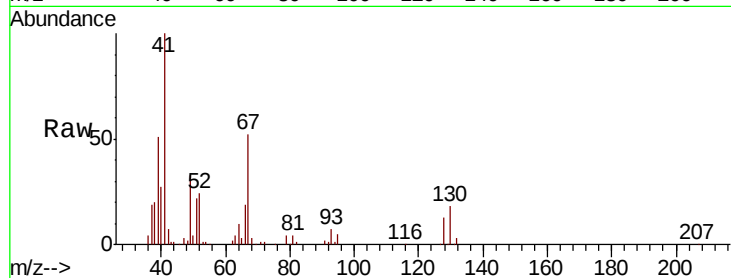




#41
Methacrylonitrile
Concen: 50.301 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW011741.D
Acq: 07 Aug 2019 10:34

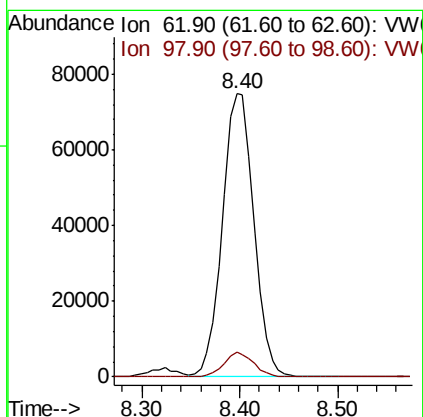
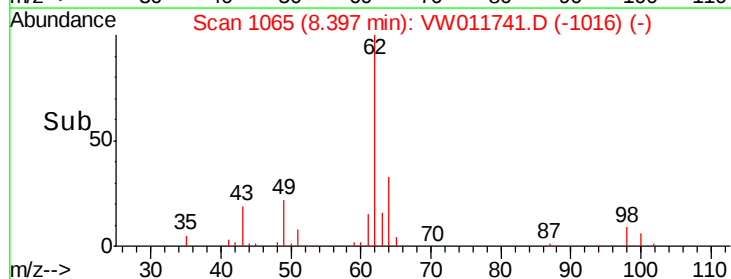
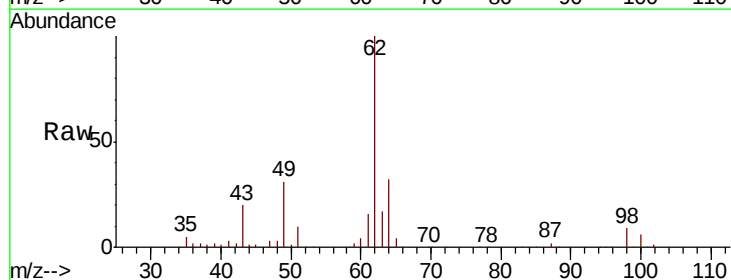
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

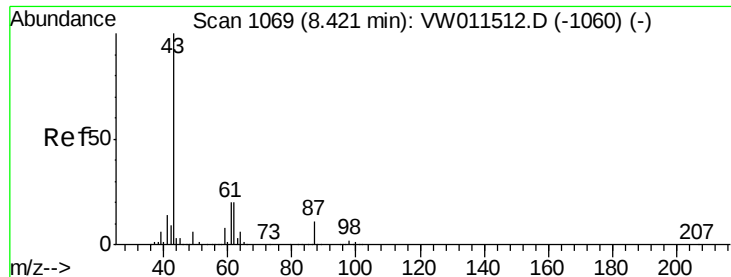
Tgt Ion:	41	Resp:	64223
Ion	Ratio	Lower	Upper
41	100		
39	53.7	43.0	64.4
67	57.3	47.5	71.3
52	26.5	21.0	31.6



#42
1,2-Dichloroethane
Concen: 51.105 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW011741.D
Acq: 07 Aug 2019 10:34

Tgt Ion:	62	Resp:	166384
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.8





#43

Isopropyl Acetate

Concen: 50.802 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW011741.D

Acq: 07 Aug 2019 10:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

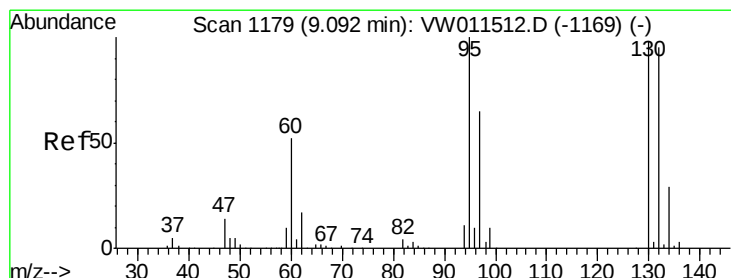
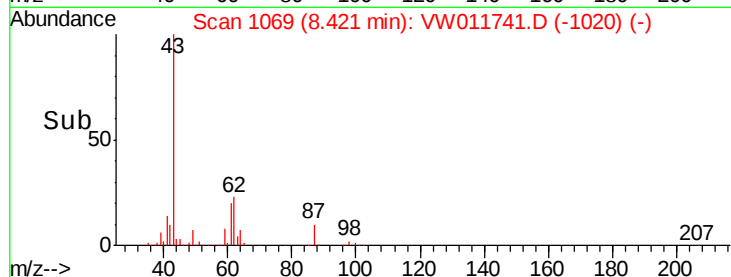
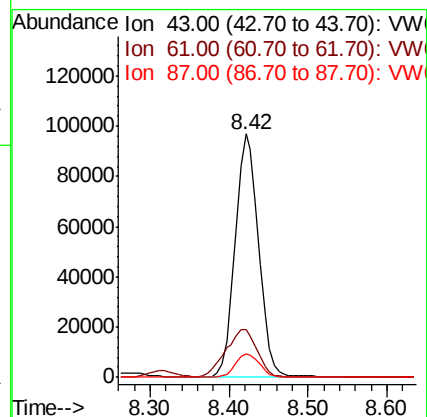
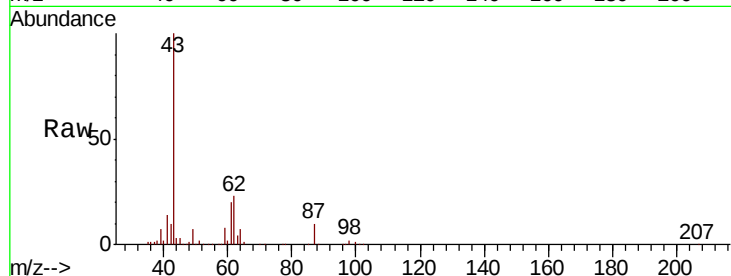
Tgt Ion: 43 Resp: 199552

Ion Ratio Lower Upper

43 100

61 26.7 21.5 32.3

87 10.1 8.4 12.6



#44

Trichloroethene

Concen: 52.461 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW011741.D

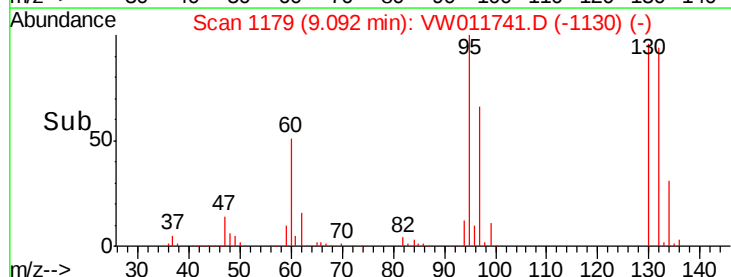
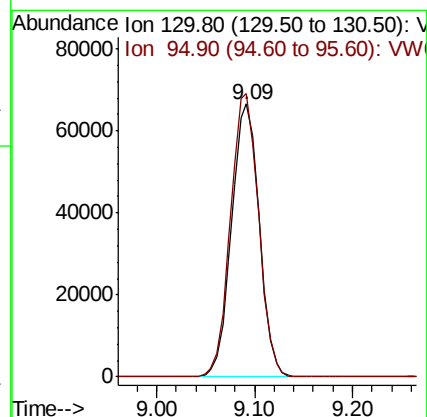
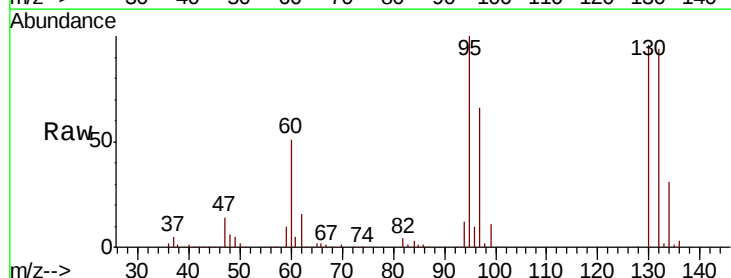
Acq: 07 Aug 2019 10:34

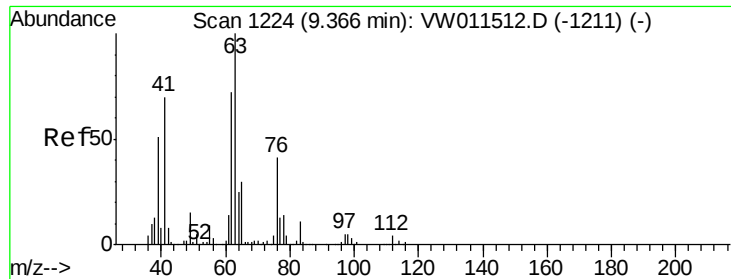
Tgt Ion: 130 Resp: 131118

Ion Ratio Lower Upper

130 100

95 103.7 0.0 204.8

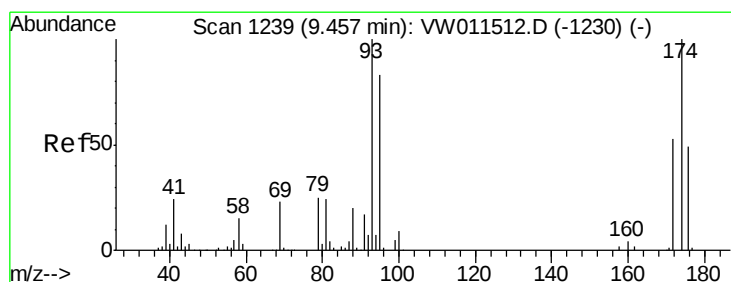
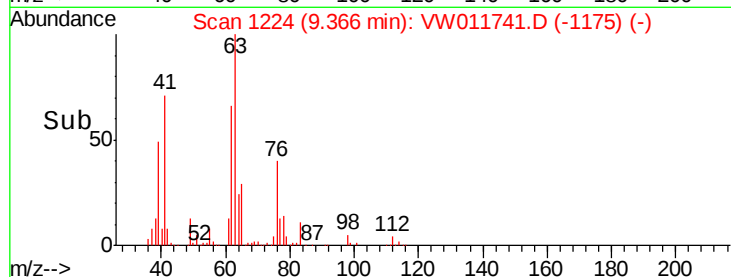
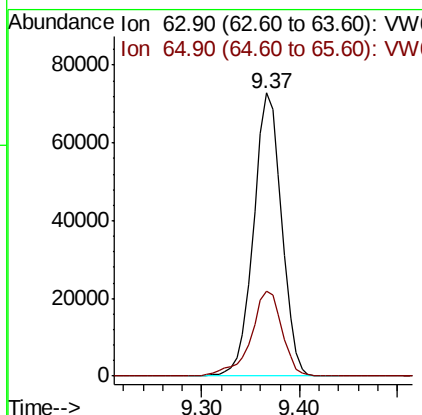
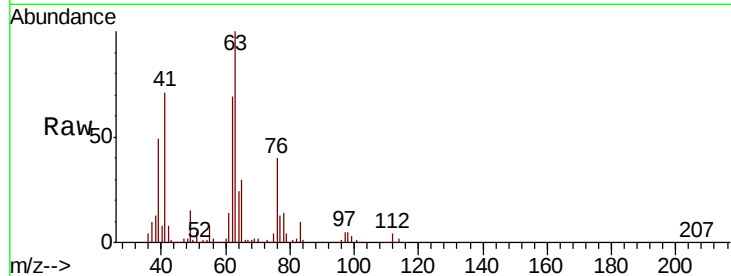




#45
 1,2-Dichloropropane
 Concen: 52.180 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW011741.D
 Acq: 07 Aug 2019 10:34

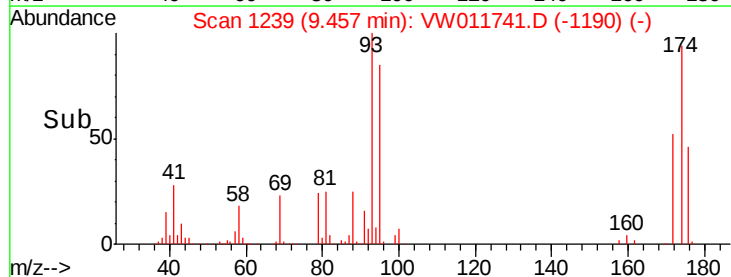
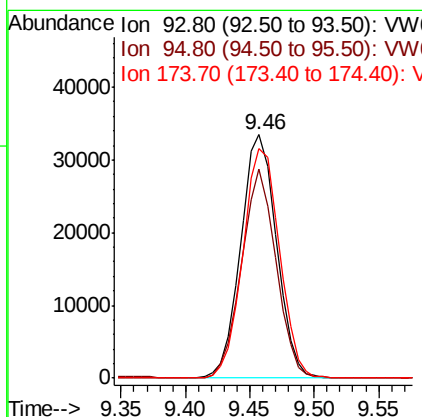
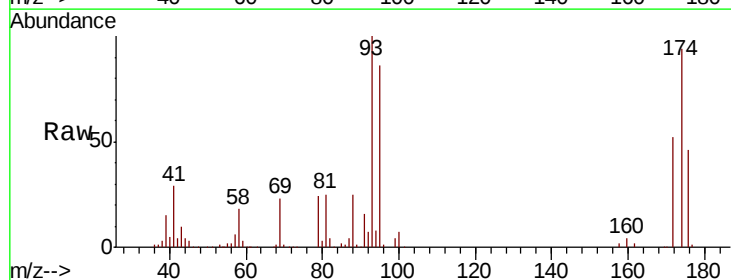
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

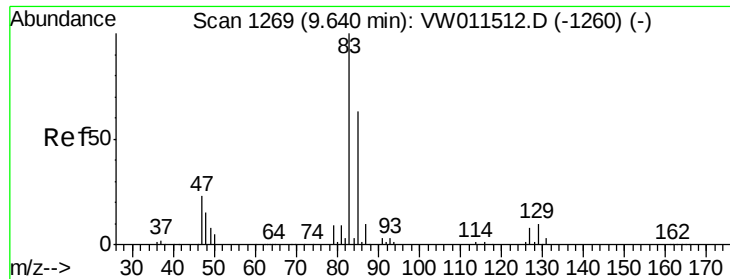
Tgt Ion: 63 Resp: 145185
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.2 36.4



#46
 Dibromomethane
 Concen: 50.779 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW011741.D
 Acq: 07 Aug 2019 10:34

Tgt Ion: 93 Resp: 64486
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.2 99.2
 174 96.5 78.2 117.4

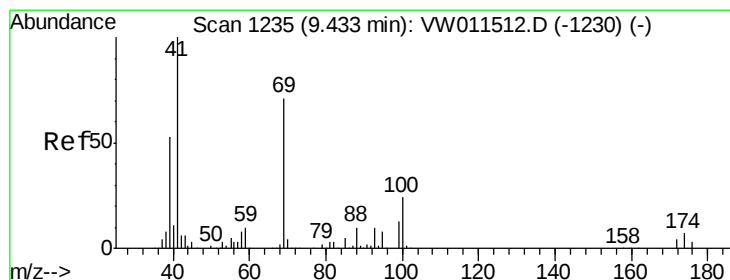
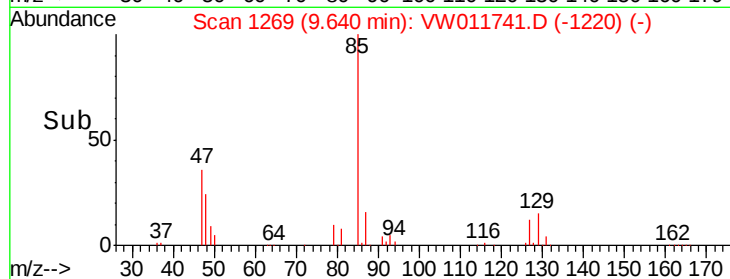
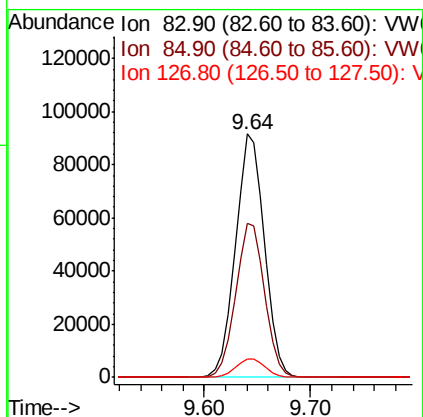
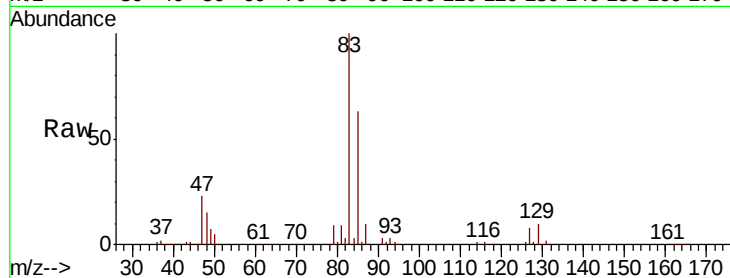




#47
Bromodichloromethane
Concen: 52.374 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW011741.D
Acq: 07 Aug 2019 10:34

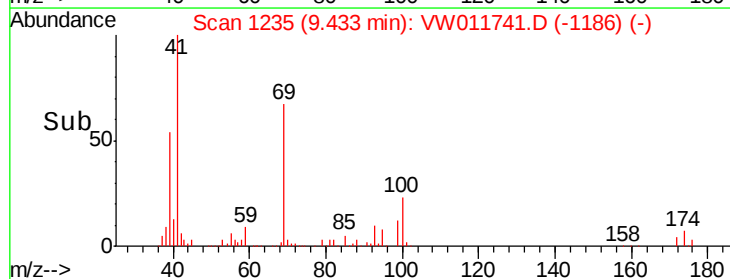
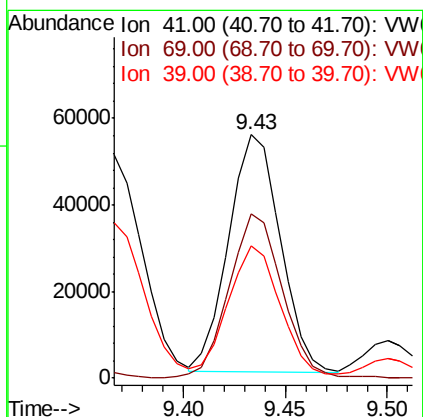
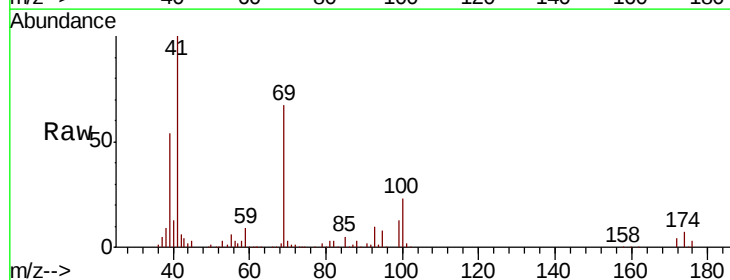
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

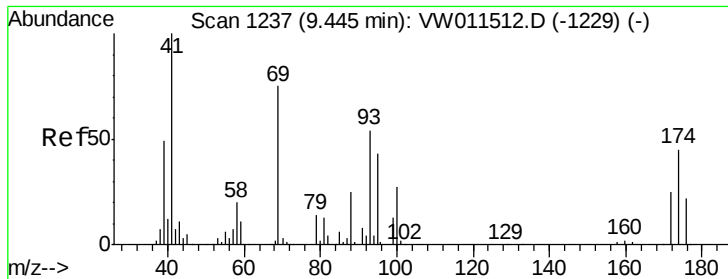
Tgt Ion: 83 Resp: 174467
Ion Ratio Lower Upper
83 100
85 63.1 50.5 75.7
127 7.7 6.4 9.6



#48
Methyl methacrylate
Concen: 50.962 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW011741.D
Acq: 07 Aug 2019 10:34

Tgt Ion: 41 Resp: 96159
Ion Ratio Lower Upper
41 100
69 71.1 57.1 85.7
39 53.1 45.4 68.2





#49

1,4-Dioxane

Concen: 965.368 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW011741.D

Acq: 07 Aug 2019 10:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

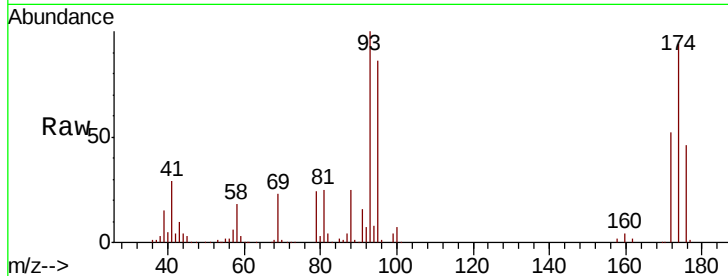
Tgt Ion: 88 Resp: 17751

Ion Ratio Lower Upper

88 100

43 0.0 34.0 51.0#

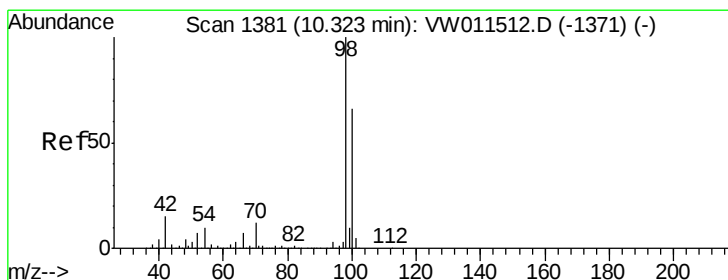
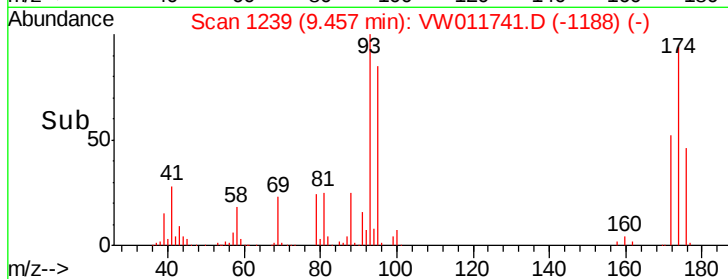
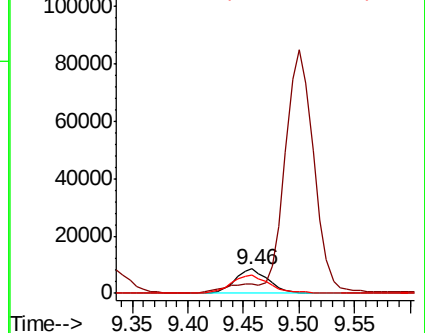
58 85.3 69.7 104.5



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: 56.541 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011741.D

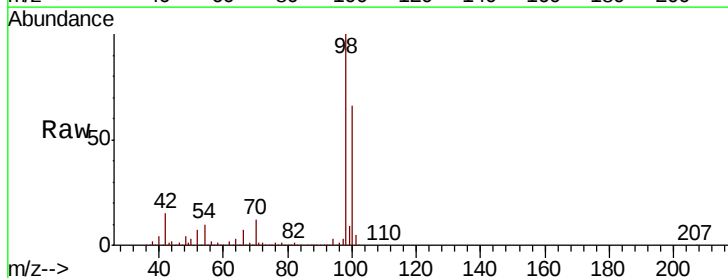
Acq: 07 Aug 2019 10:34

Tgt Ion: 98 Resp: 463690

Ion Ratio Lower Upper

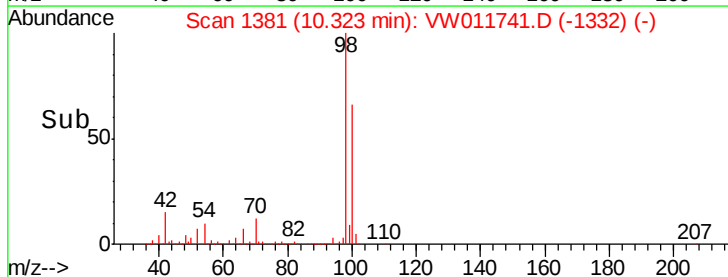
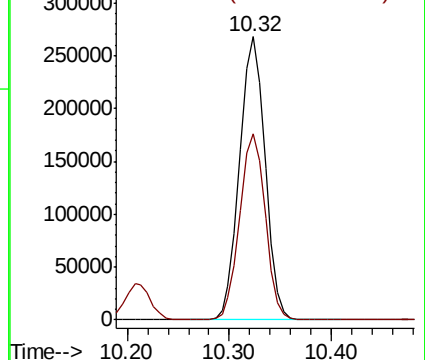
98 100

100 65.7 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

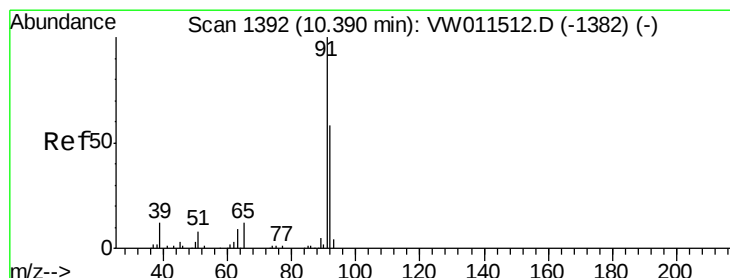
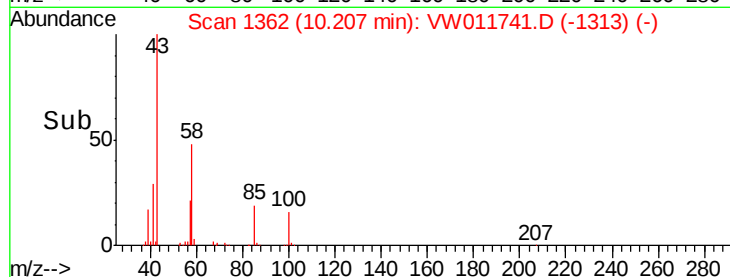
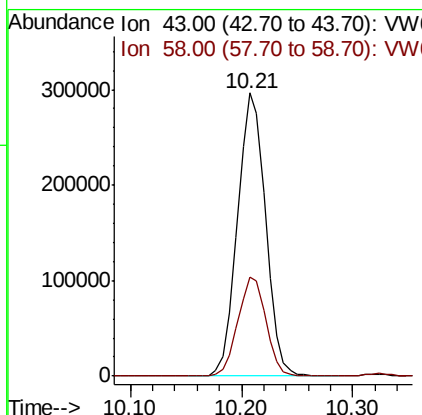
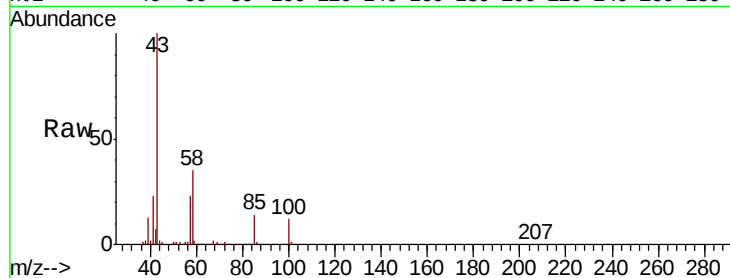




#51
 4-Methyl-2-Pentanone
 Concen: 252.841 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW011741.D
 Acq: 07 Aug 2019 10:34

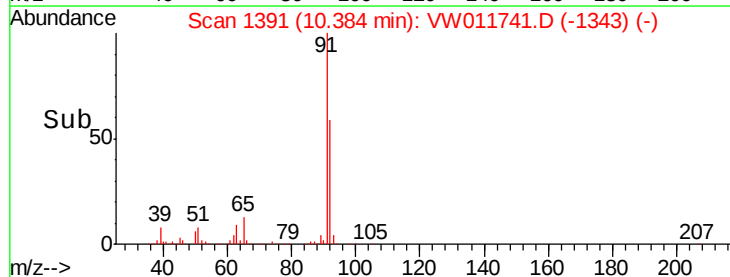
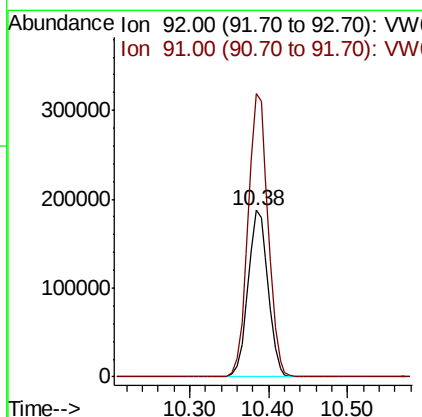
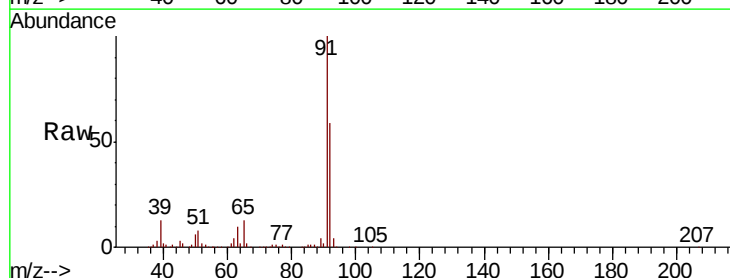
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

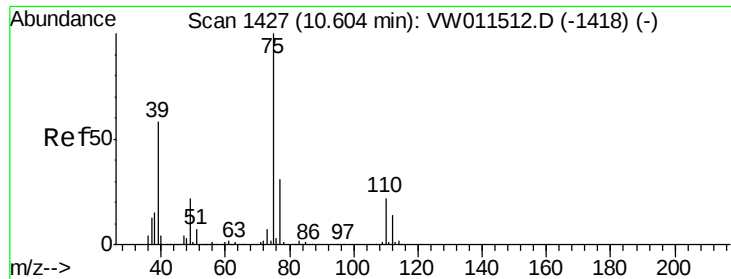
Tgt Ion: 43 Resp: 516598
 Ion Ratio Lower Upper
 43 100
 58 34.9 28.2 42.2



#52
 Toluene
 Concen: 52.555 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW011741.D
 Acq: 07 Aug 2019 10:34

Tgt Ion: 92 Resp: 330036
 Ion Ratio Lower Upper
 92 100
 91 170.2 136.7 205.1

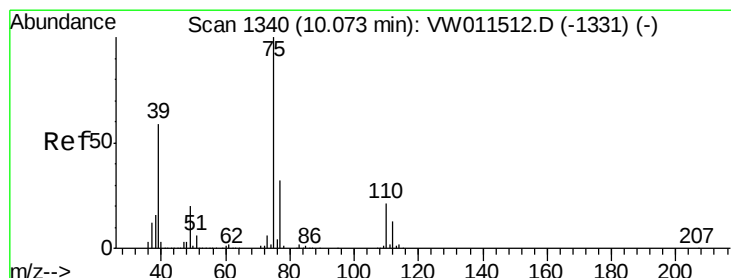
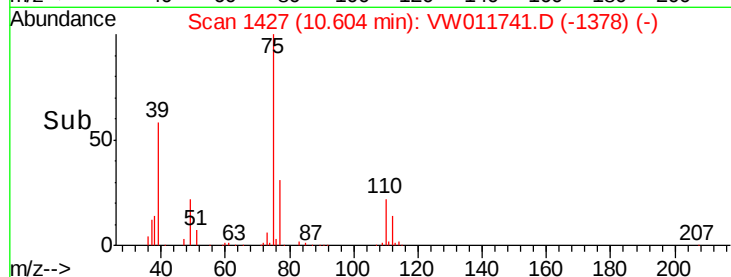
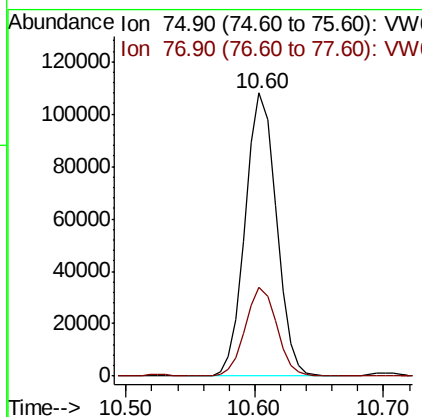
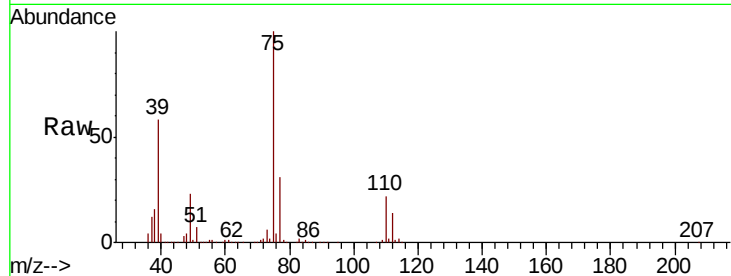




#53
 t-1,3-Dichloropropene
 Concen: 52.079 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: VW011741.D
 Acq: 07 Aug 2019 10:34

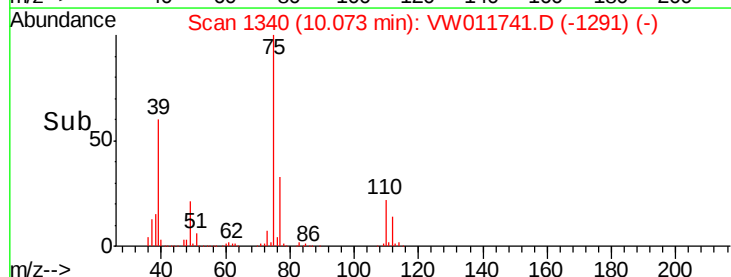
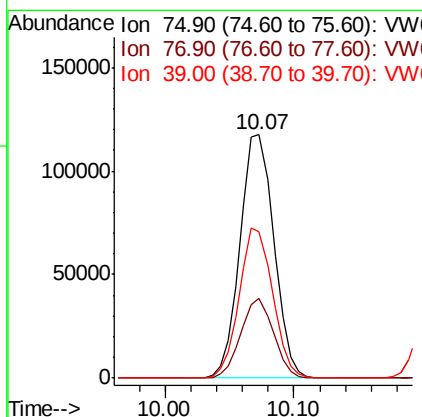
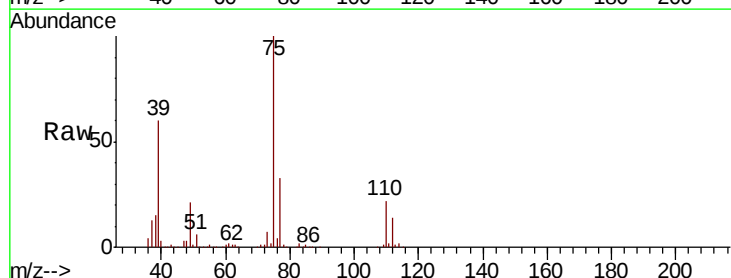
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

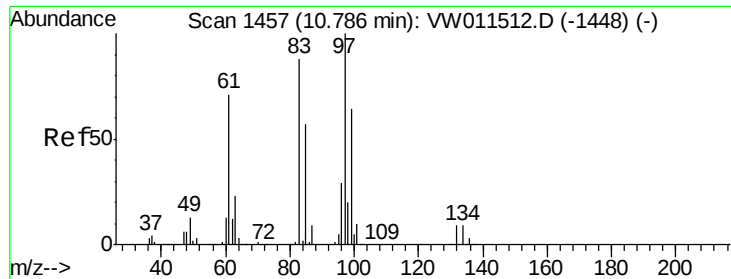
Tgt Ion: 75 Resp: 181223
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 51.834 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW011741.D
 Acq: 07 Aug 2019 10:34

Tgt Ion: 75 Resp: 214463
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.6 38.4
 39 60.2 47.0 70.4

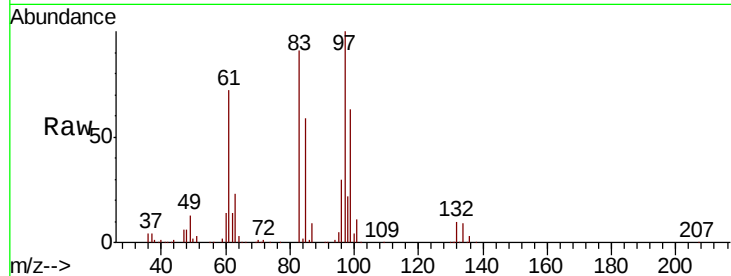




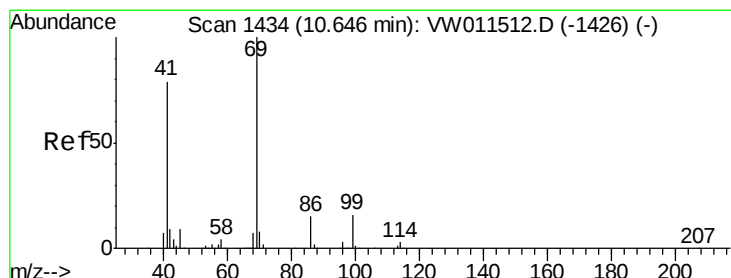
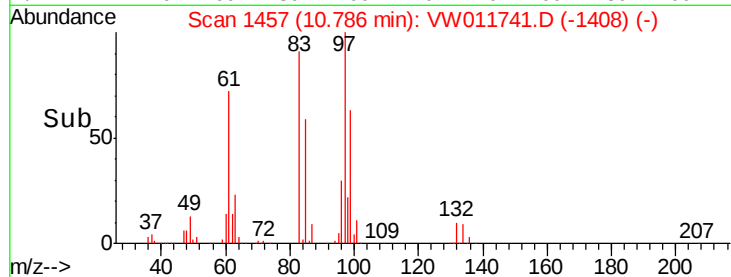
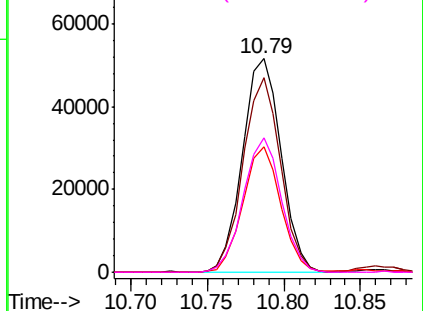
#55
 1,1,2-Trichloroethane
 Concen: 50.457 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW011741.D
 Acq: 07 Aug 2019 10:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	90916
Ion	Ratio	Lower	Upper
97	100		
83	90.9	70.5	105.7
85	58.8	45.8	68.6
99	62.8	51.0	76.4

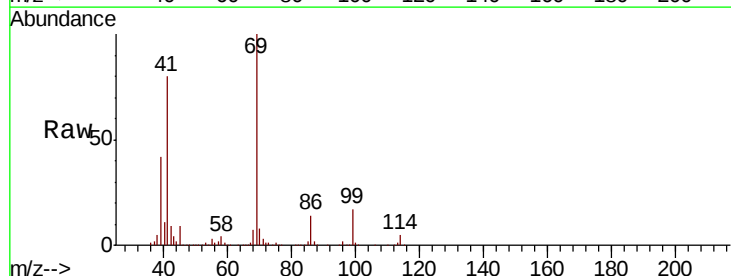


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

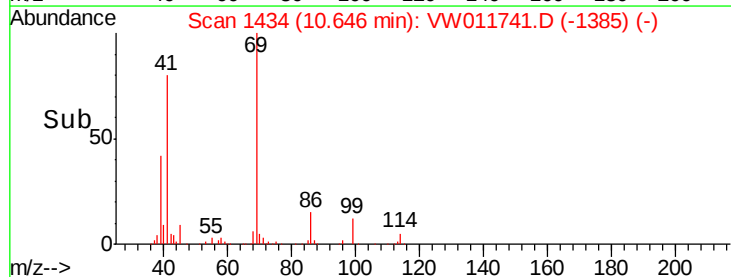
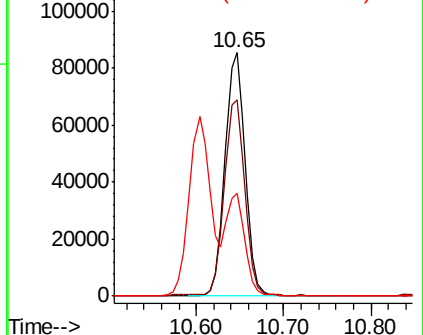


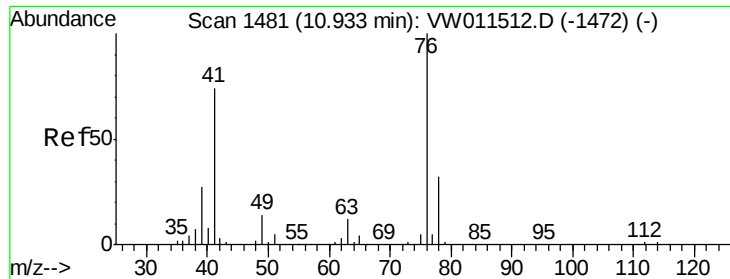
#56
 Ethyl methacrylate
 Concen: 51.900 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW011741.D
 Acq: 07 Aug 2019 10:34

Tgt Ion:	69	Resp:	136844
Ion	Ratio	Lower	Upper
69	100		
41	80.4	66.6	99.8
39	38.2	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

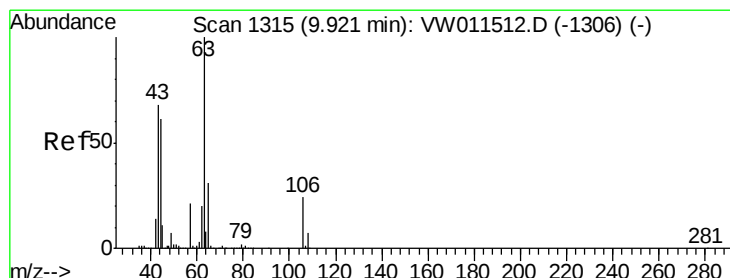
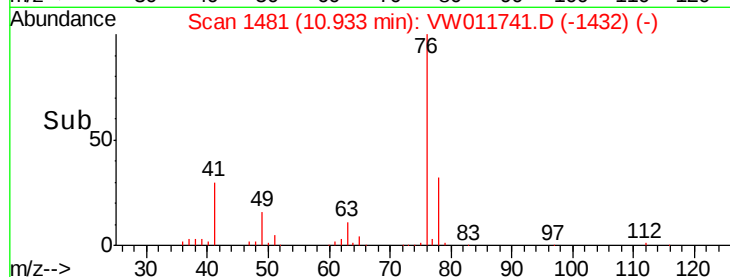
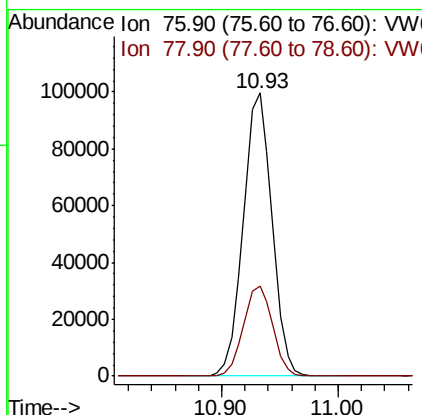
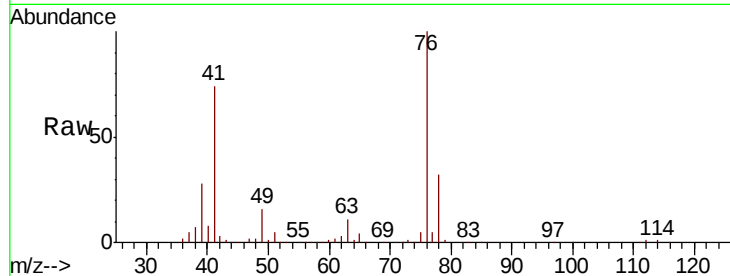




#57
 1,3-Dichloropropane
 Concen: 50.432 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW011741.D
 Acq: 07 Aug 2019 10:34

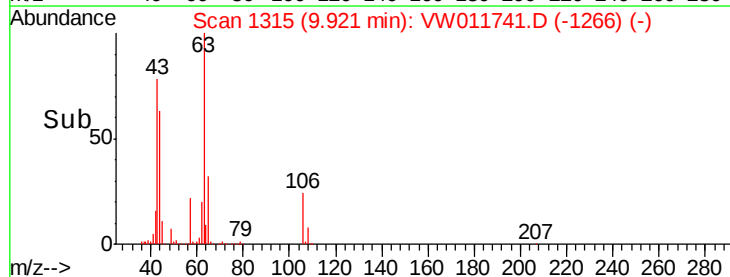
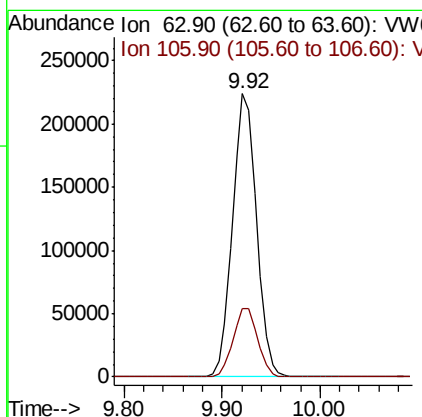
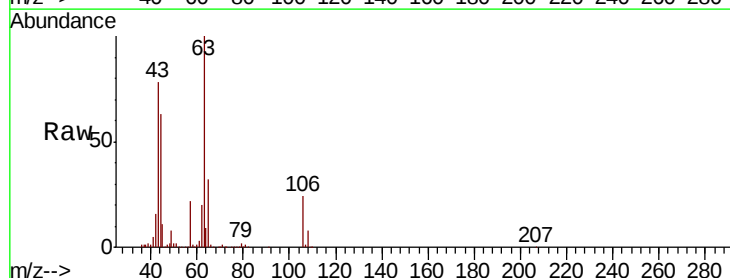
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 171919
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 317.976 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW011741.D
 Acq: 07 Aug 2019 10:34

Tgt Ion: 63 Resp: 380667
 Ion Ratio Lower Upper
 63 100
 106 24.9 19.7 29.5

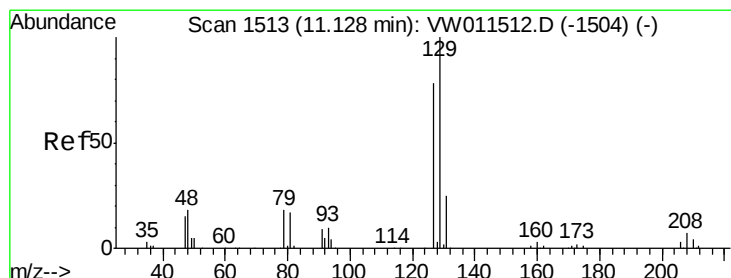
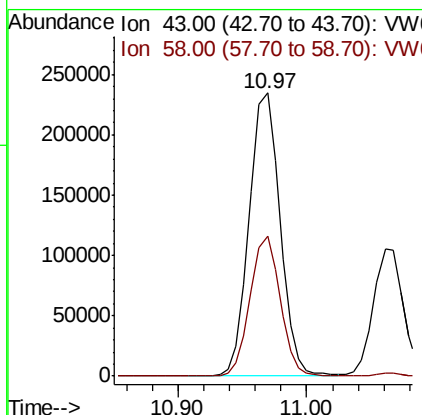
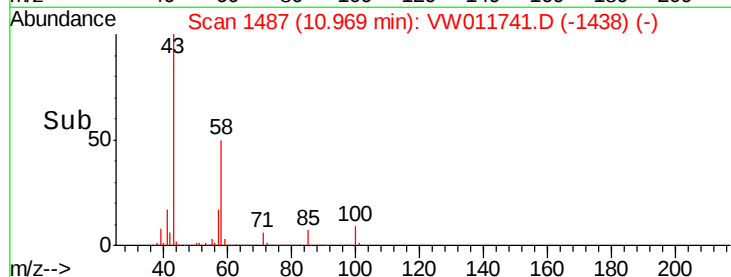
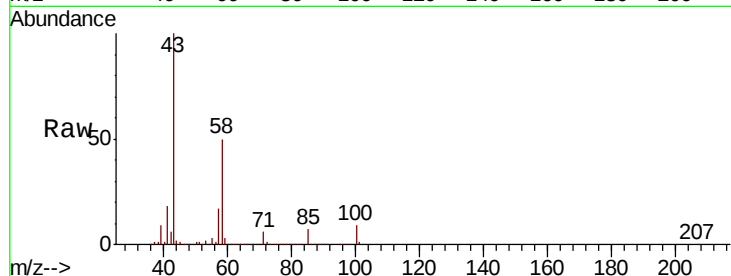




#59
2-Hexanone
Concen: 269.540 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW011741.D
Acq: 07 Aug 2019 10:34

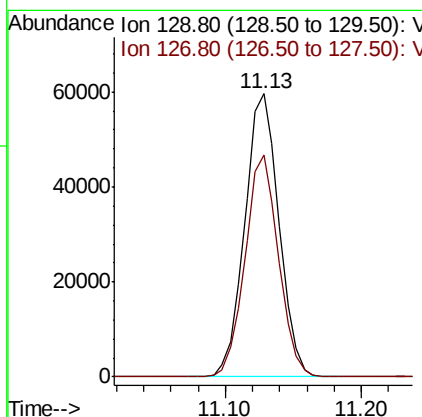
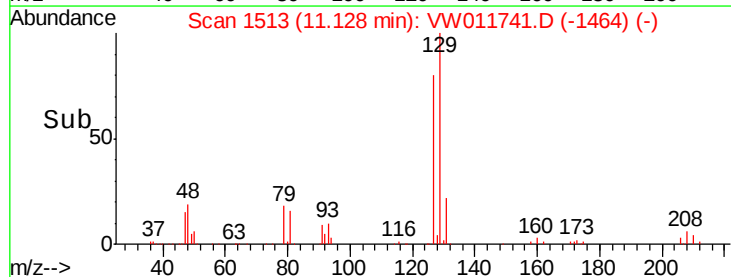
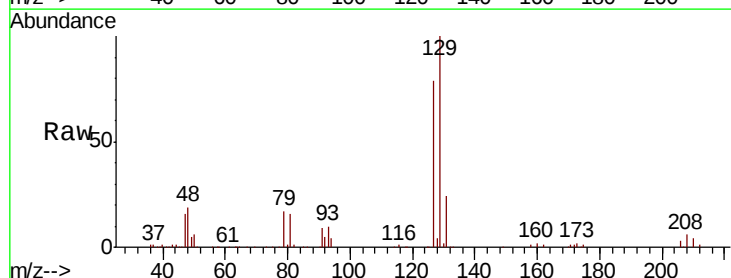
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

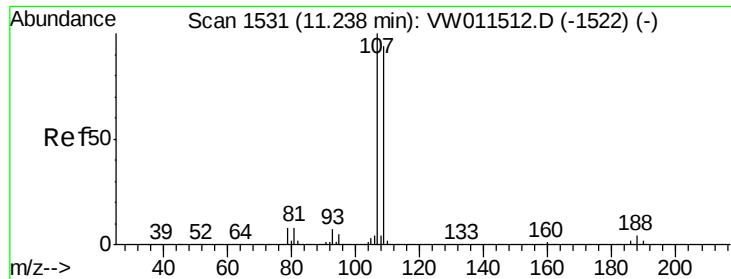
Tgt Ion: 43 Resp: 388842
Ion Ratio Lower Upper
43 100
58 48.1 24.3 72.9



#60
Dibromochloromethane
Concen: 52.467 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW011741.D
Acq: 07 Aug 2019 10:34

Tgt Ion: 129 Resp: 104939
Ion Ratio Lower Upper
129 100
127 76.5 38.9 116.7

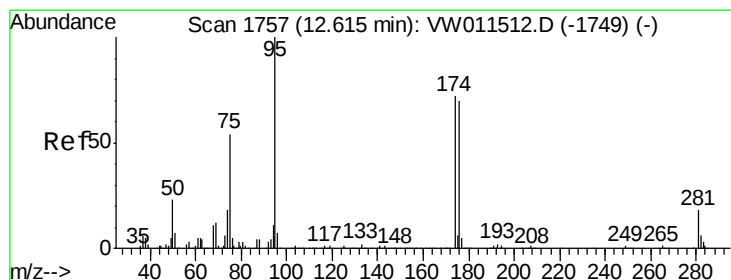
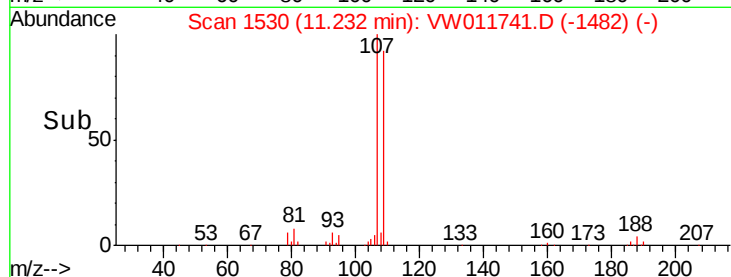
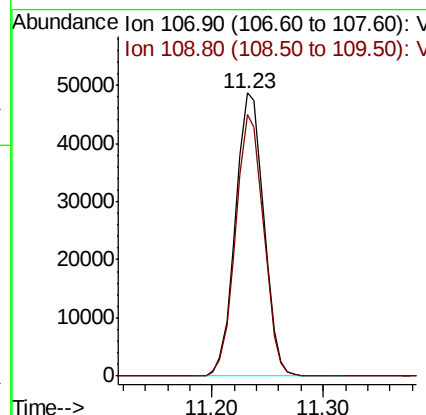
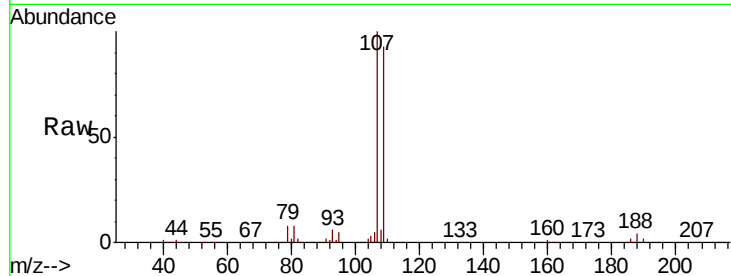




#61
 1,2-Dibromoethane
 Concen: 50.392 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW011741.D
 Acq: 07 Aug 2019 10:34

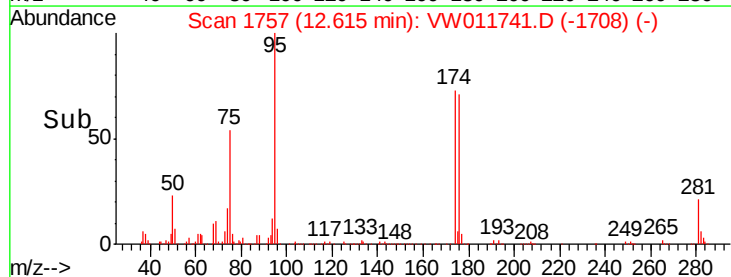
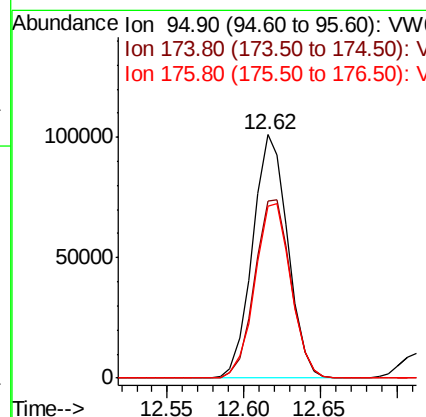
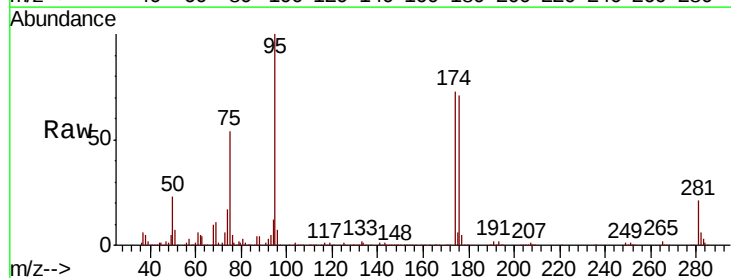
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 107 Resp: 85925
 Ion Ratio Lower Upper
 107 100
 109 91.6 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 55.308 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW011741.D
 Acq: 07 Aug 2019 10:34

Tgt Ion: 95 Resp: 161709
 Ion Ratio Lower Upper
 95 100
 174 75.2 0.0 150.2
 176 73.3 0.0 144.4

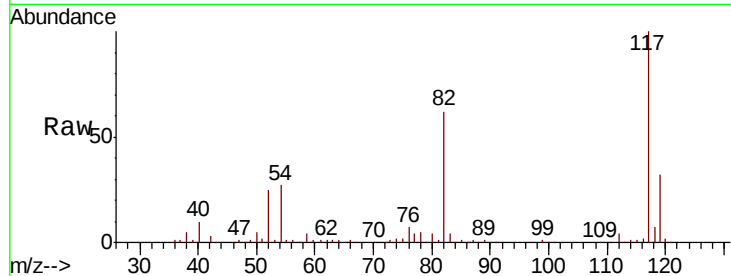




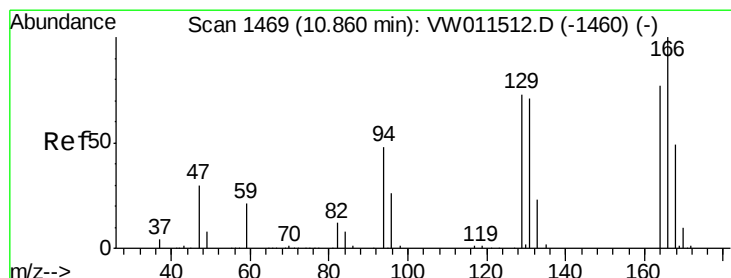
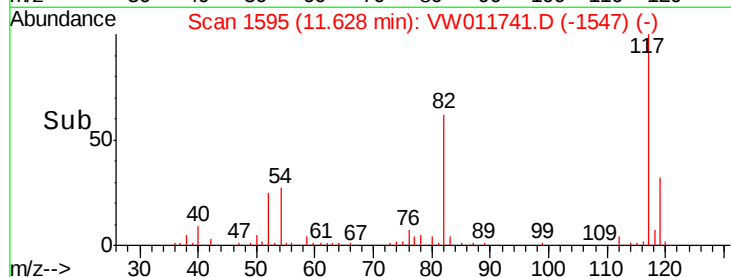
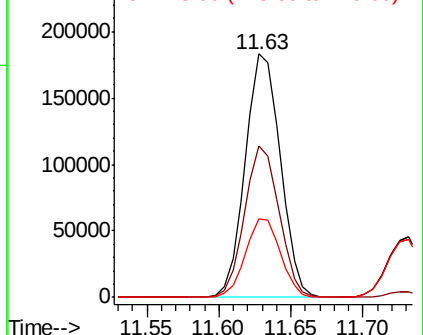
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011741.D
Acq: 07 Aug 2019 10:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 309331
Ion Ratio Lower Upper
117 100
82 62.1 47.9 71.9
119 32.4 26.2 39.2

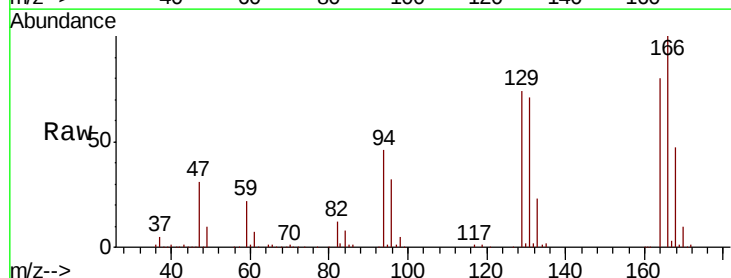


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

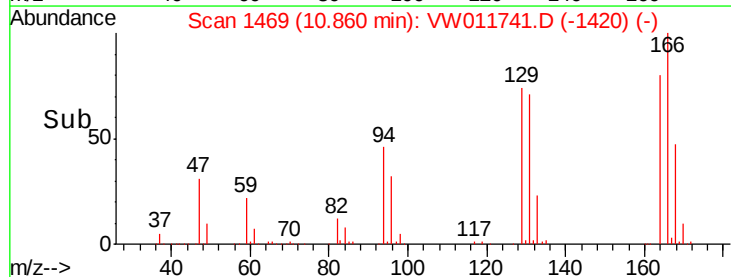
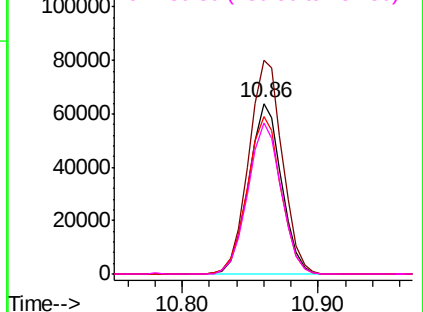


#64
Tetrachloroethene
Concen: 53.531 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW011741.D
Acq: 07 Aug 2019 10:34

Tgt Ion:164 Resp: 107815
Ion Ratio Lower Upper
164 100
166 125.2 103.5 155.3
129 92.1 75.2 112.8
131 88.6 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

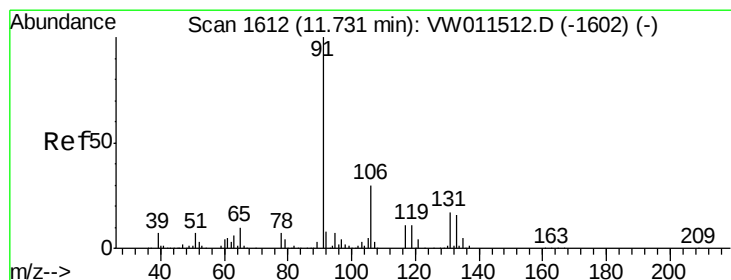
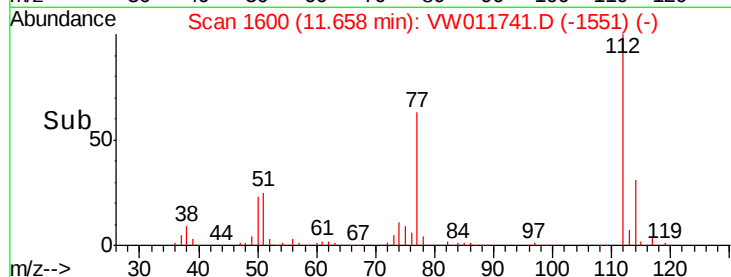
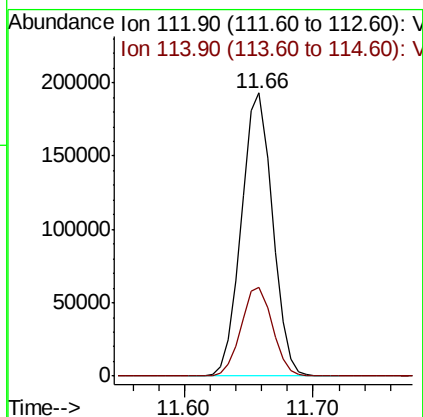
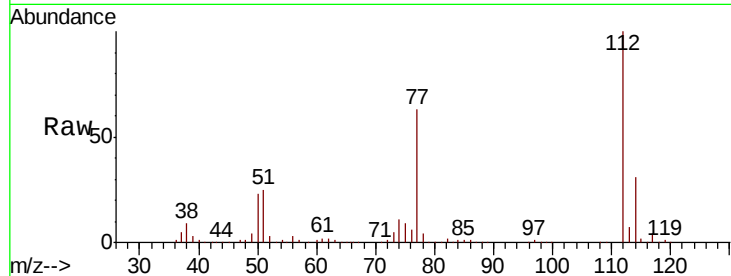




#65
Chlorobenzene
Concen: 51.865 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW011741.D
Acq: 07 Aug 2019 10:34

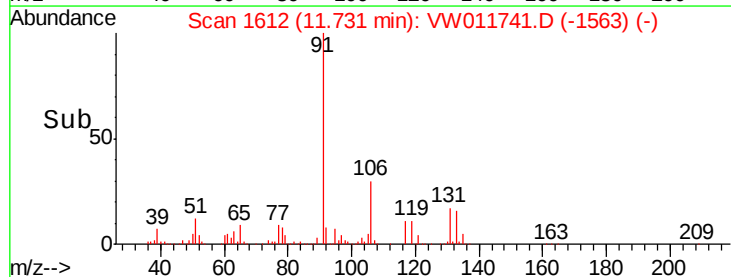
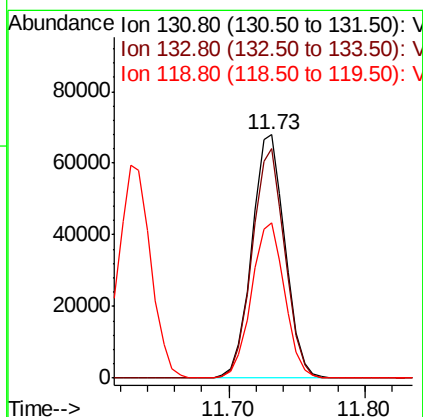
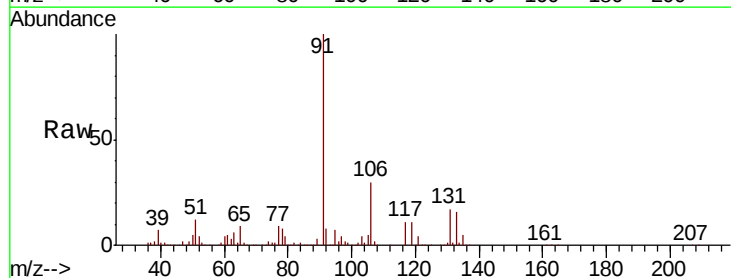
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 322548
Ion Ratio Lower Upper
112 100
114 31.5 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 53.650 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011741.D
Acq: 07 Aug 2019 10:34

Tgt Ion:131 Resp: 116217
Ion Ratio Lower Upper
131 100
133 93.1 47.4 142.2
119 63.7 32.3 96.9

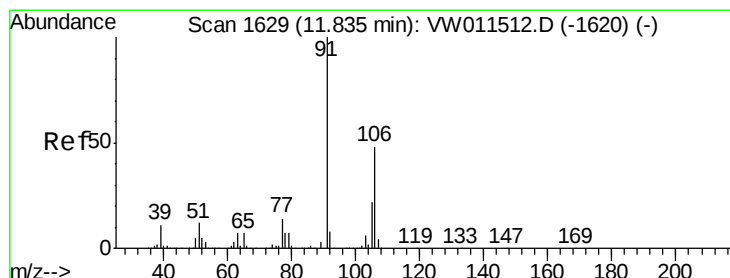
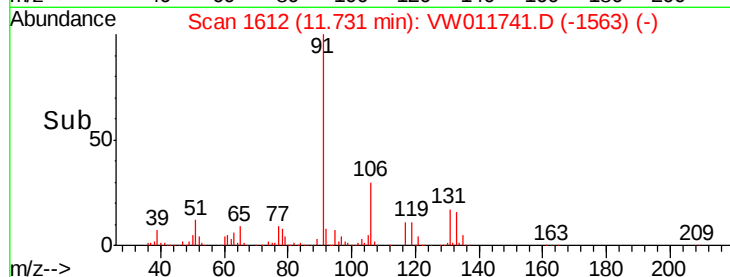
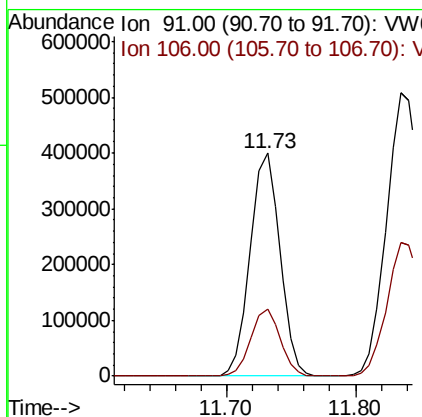
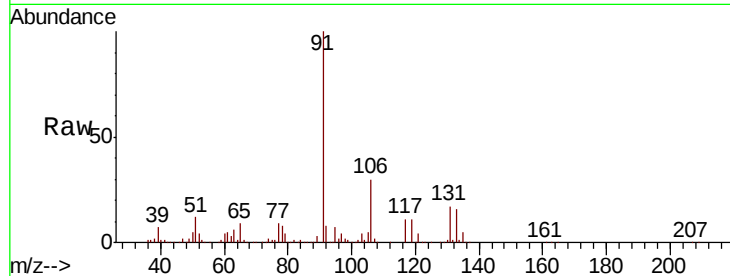




#67
Ethyl Benzene
Concen: 53.789 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011741.D
Acq: 07 Aug 2019 10:34

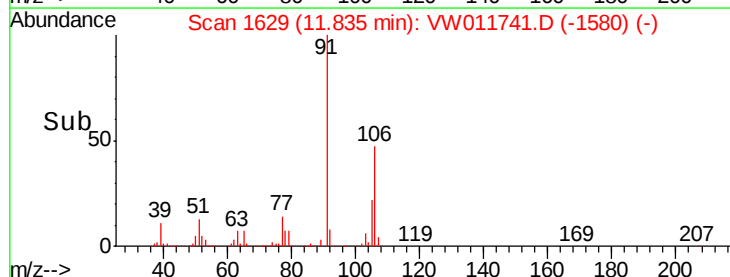
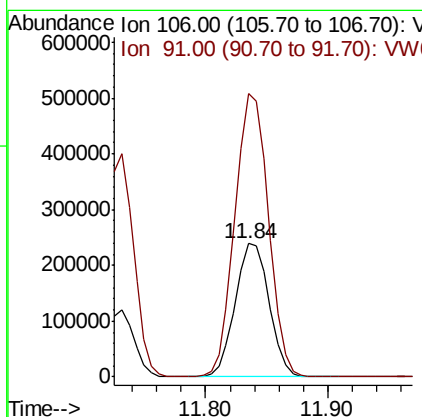
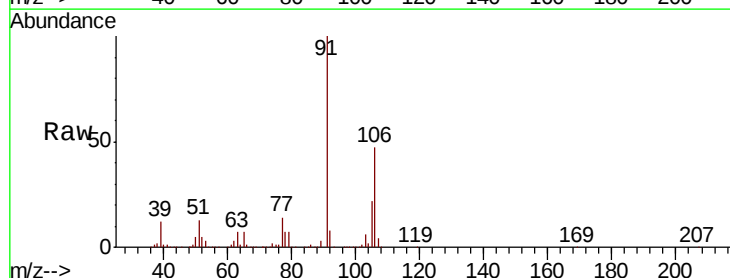
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 637097
Ion Ratio Lower Upper
91 100
106 30.0 23.8 35.6



#68
m/p-Xylenes
Concen: 106.578 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW011741.D
Acq: 07 Aug 2019 10:34

Tgt Ion: 106 Resp: 459077
Ion Ratio Lower Upper
106 100
91 210.8 168.2 252.2

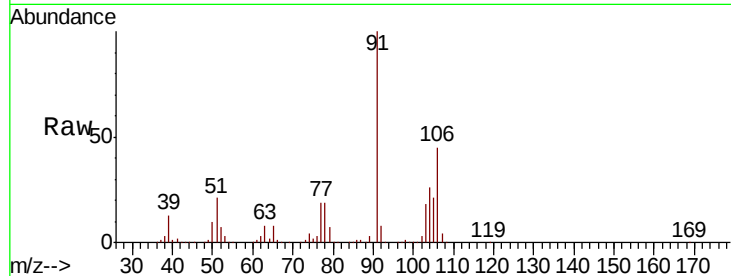




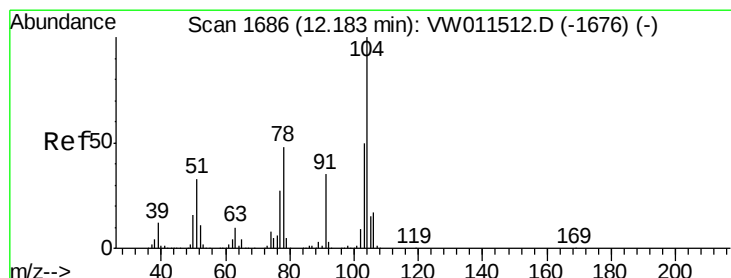
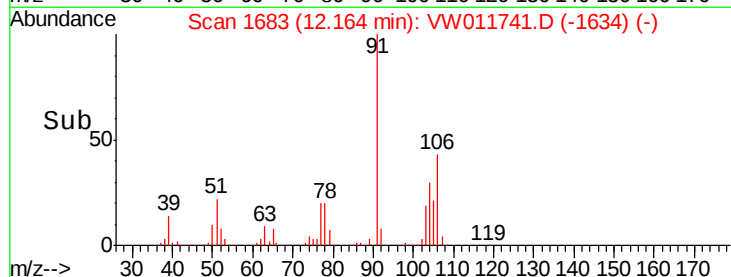
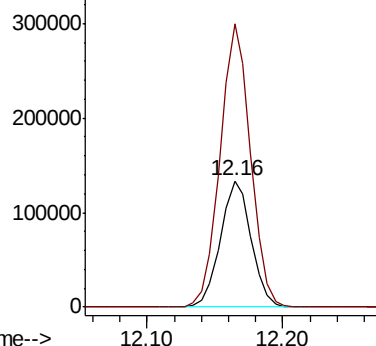
#69
o-Xylene
Concen: 52.857 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW011741.D
Acq: 07 Aug 2019 10:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 211571
Ion Ratio Lower Upper
106 100
91 221.6 110.5 331.5

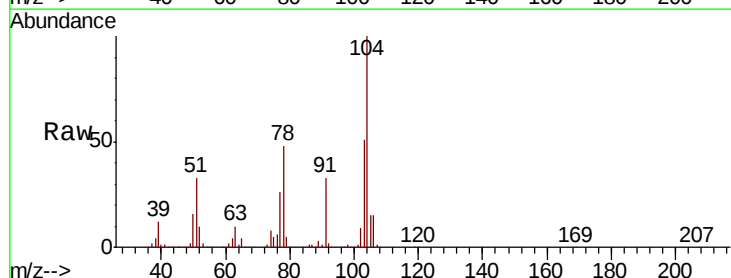


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

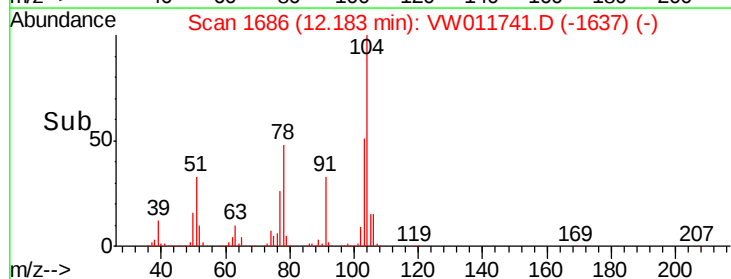
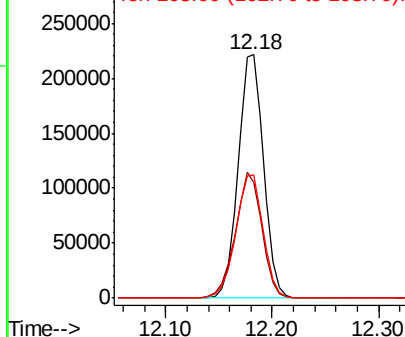


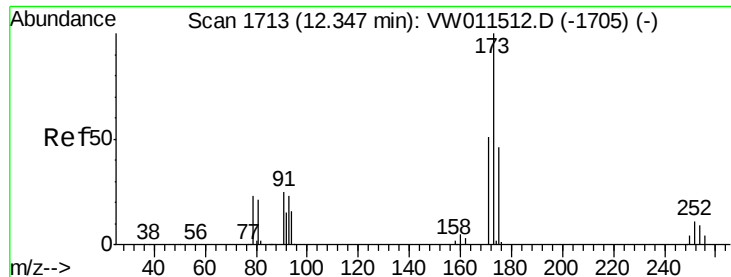
#70
Styrene
Concen: 53.439 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW011741.D
Acq: 07 Aug 2019 10:34

Tgt Ion:104 Resp: 369838
Ion Ratio Lower Upper
104 100
78 54.1 43.4 65.0
103 54.5 43.9 65.9



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

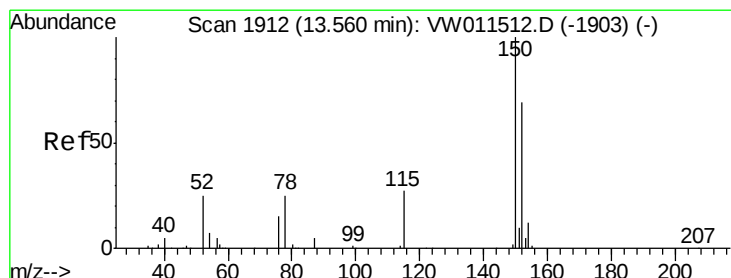
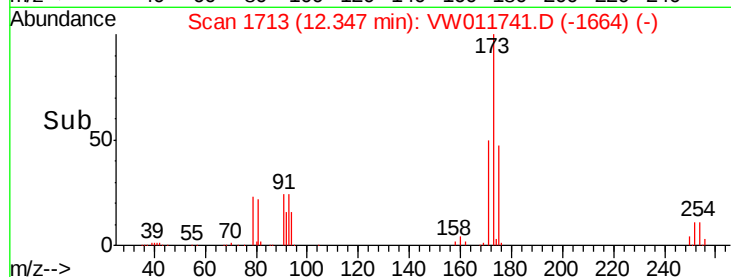
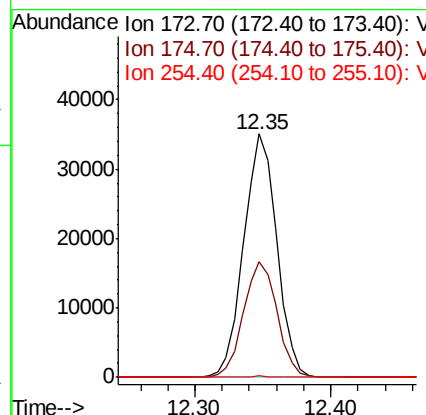
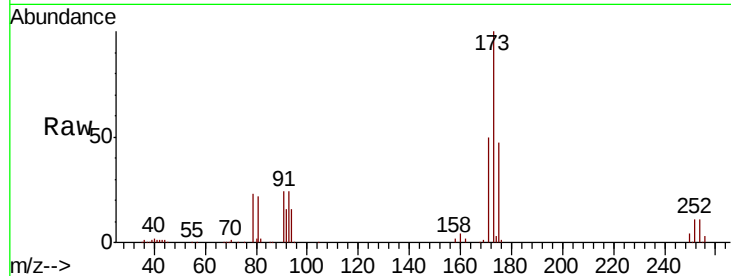




#71
Bromoform
Concen: 53.954 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW011741.D
Acq: 07 Aug 2019 10:34

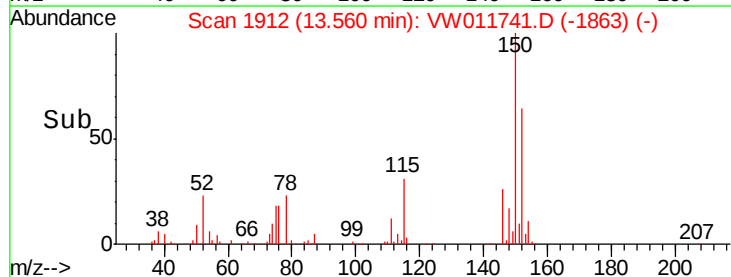
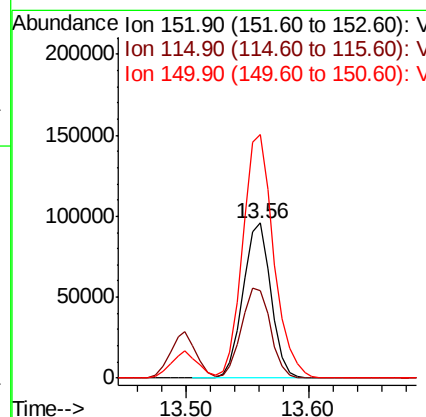
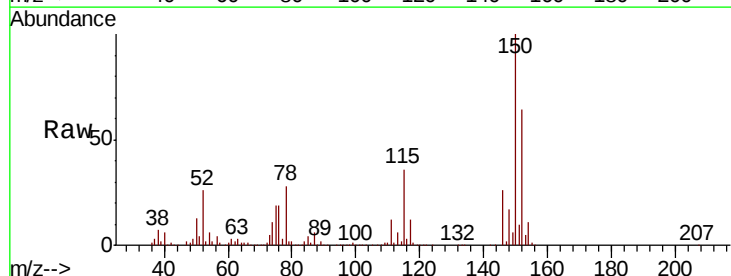
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

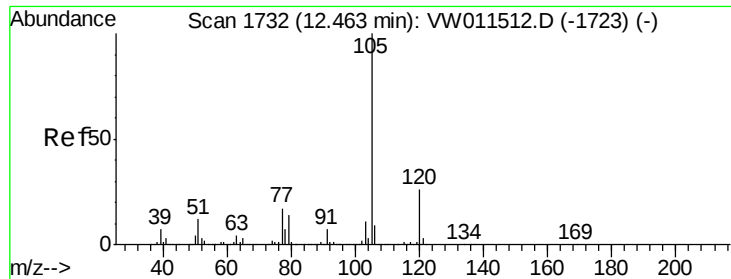
Tgt Ion:173 Resp: 59591
Ion Ratio Lower Upper
173 100
175 48.3 23.6 71.0
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011741.D
Acq: 07 Aug 2019 10:34

Tgt Ion:152 Resp: 151023
Ion Ratio Lower Upper
152 100
115 60.4 30.5 91.5
150 174.0 0.0 352.6





#73

Isopropylbenzene

Concen: 53.330 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW011741.D

Acq: 07 Aug 2019 10:34

Instrument :

MSVOA_W

ClientSampleId :

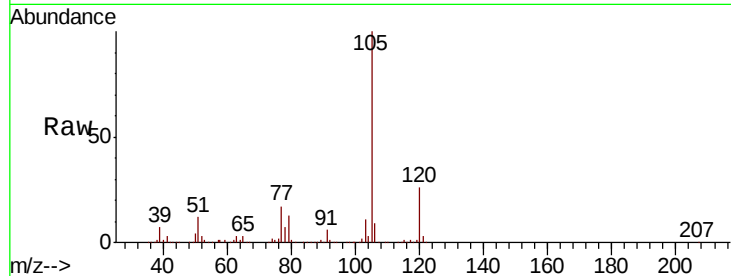
VSTDCCC050

Tgt Ion: 105 Resp: 600856

Ion Ratio Lower Upper

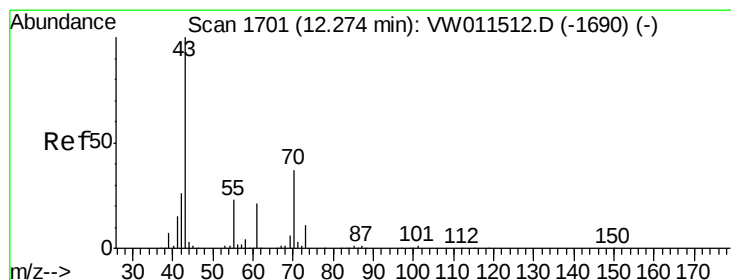
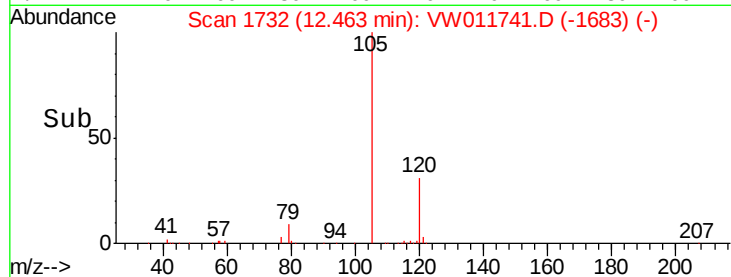
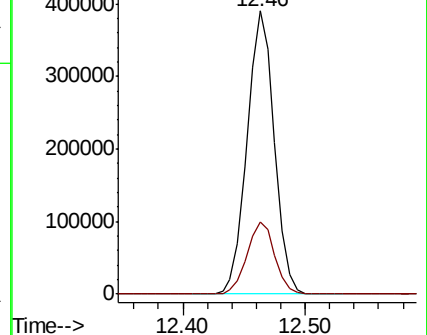
105 100

120 25.8 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.143 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VW011741.D

Acq: 07 Aug 2019 10:34

Tgt Ion: 43 Resp: 183924

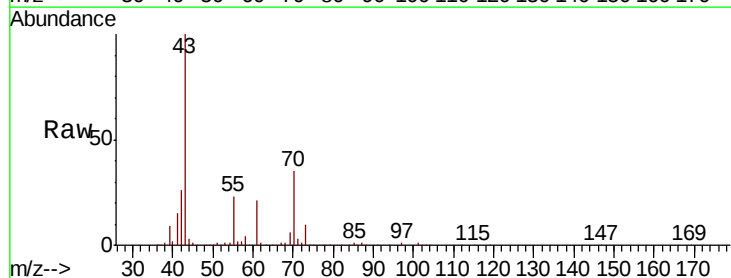
Ion Ratio Lower Upper

43 100

70 36.3 28.6 43.0

55 23.3 17.8 26.8

61 21.4 17.0 25.6

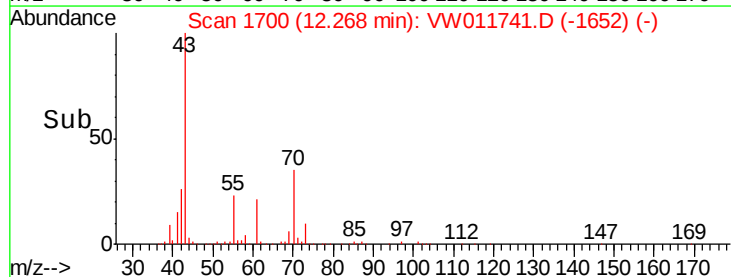
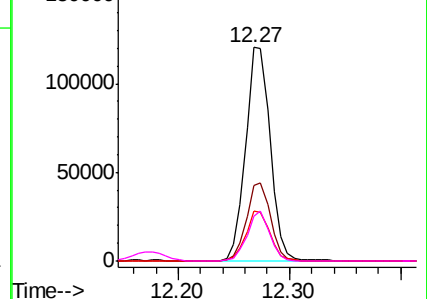


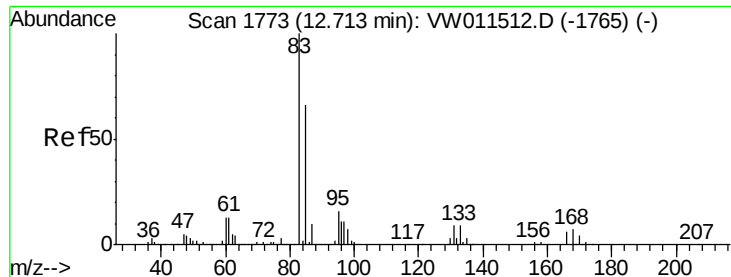
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 51.083 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW011741.D

Acq: 07 Aug 2019 10:34

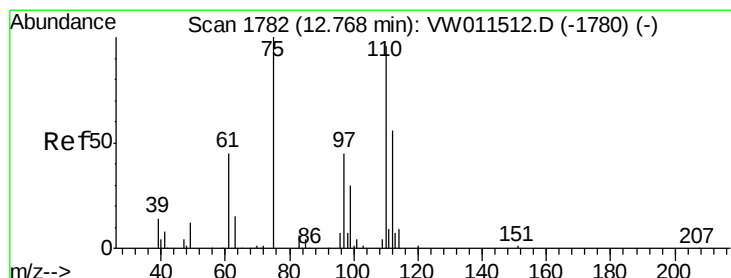
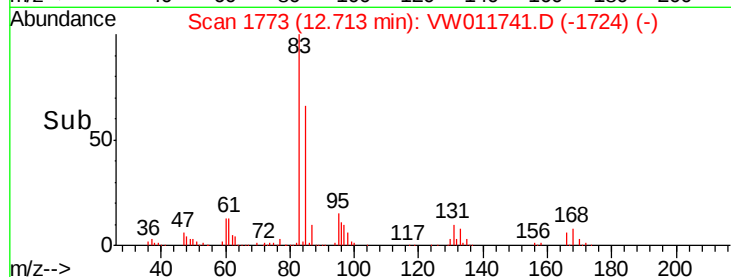
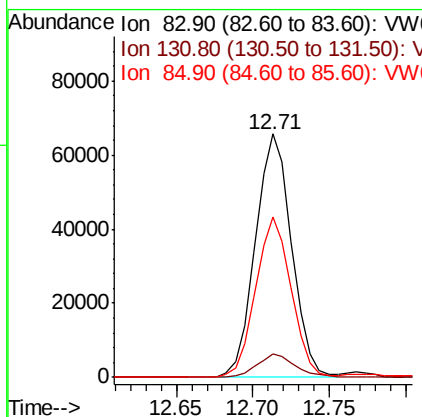
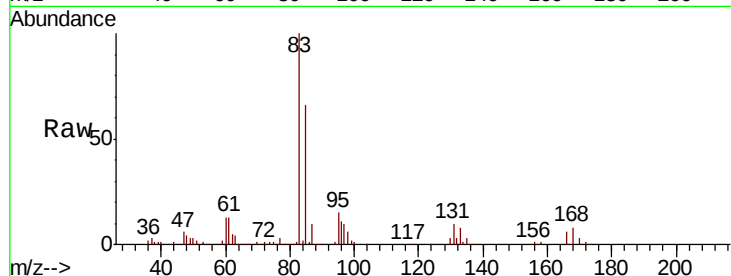
Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	108257
Ion Ratio	Lower	Upper	
83	100		
131	10.1	4.9	14.6
85	64.7	31.8	95.4



#76

1,2,3-Trichloropropane

Concen: 92.563 ug/l

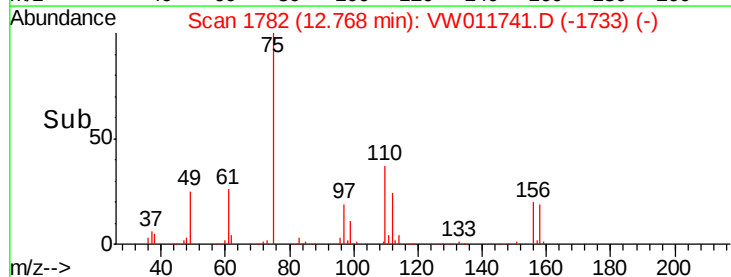
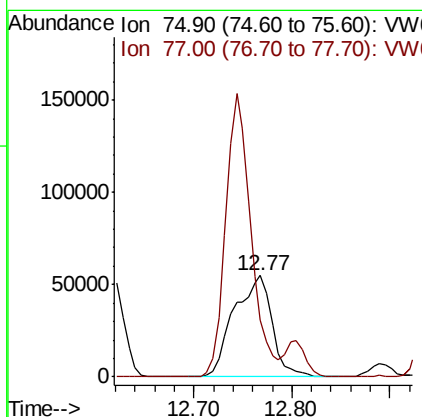
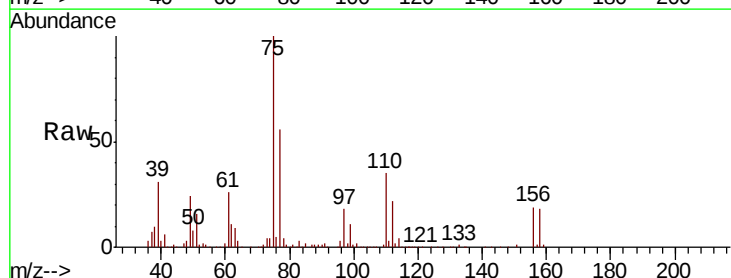
RT: 12.77 min Scan# 1782

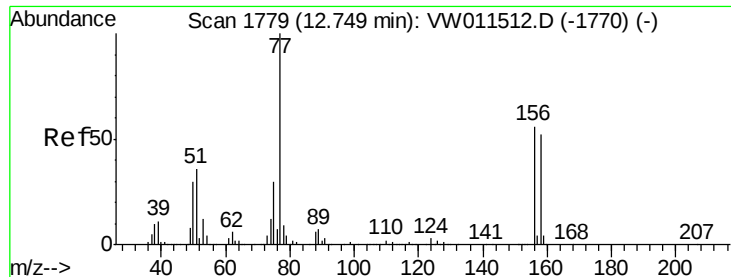
Delta R.T. 0.00 min

Lab File: VW011741.D

Acq: 07 Aug 2019 10:34

Tgt Ion:	75	Resp:	147916
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0

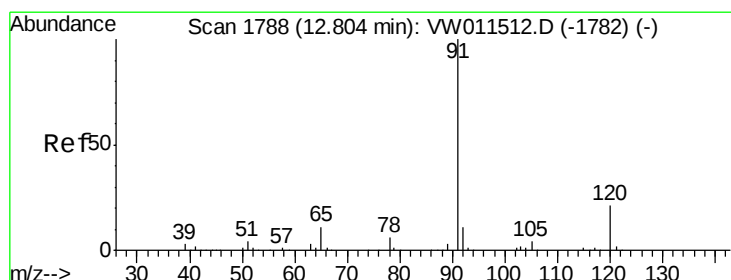
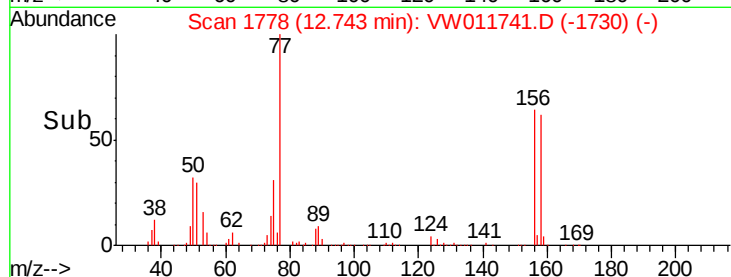
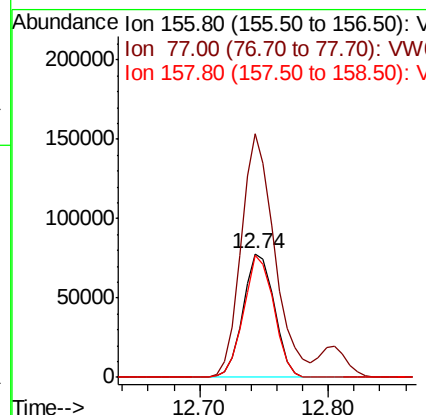
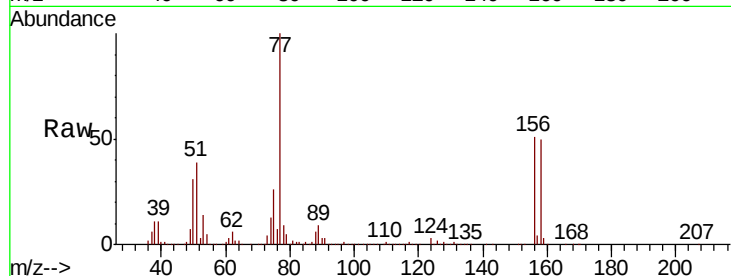




#77
Bromobenzene
Concen: 52.130 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. -0.01 min
Lab File: VW011741.D
Acq: 07 Aug 2019 10:34

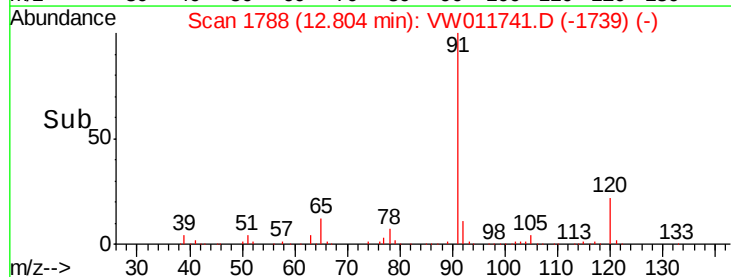
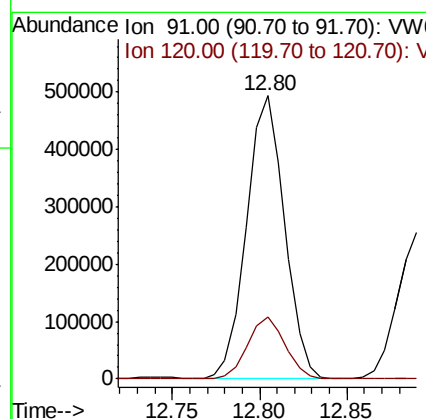
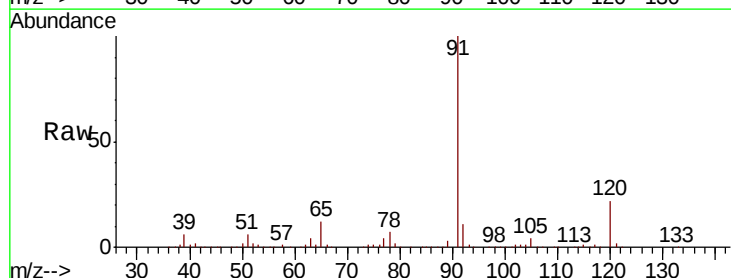
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

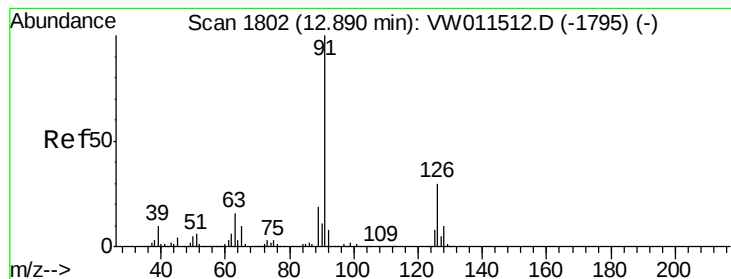
Tgt Ion:156 Resp: 129818
Ion Ratio Lower Upper
156 100
77 213.2 106.5 319.4
158 95.7 48.0 144.2



#78
n-propylbenzene
Concen: 54.265 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW011741.D
Acq: 07 Aug 2019 10:34

Tgt Ion: 91 Resp: 744060
Ion Ratio Lower Upper
91 100
120 21.6 10.9 32.7





#79

2-Chlorotoluene

Concen: 52.313 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW011741.D

Acq: 07 Aug 2019 10:34

Instrument :

MSVOA_W

ClientSampleId :

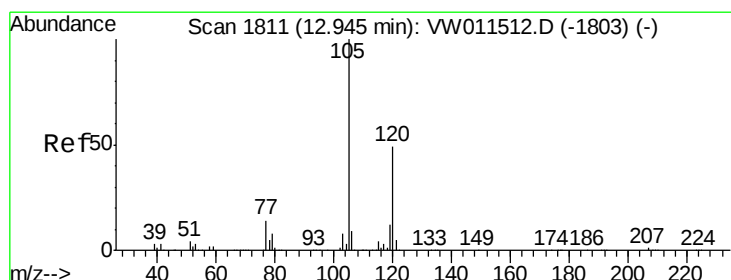
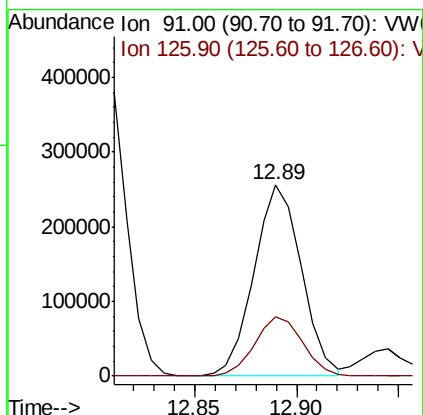
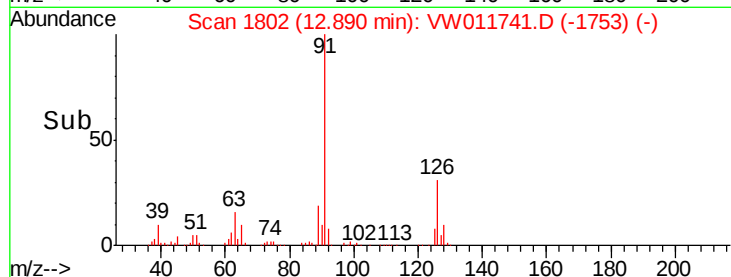
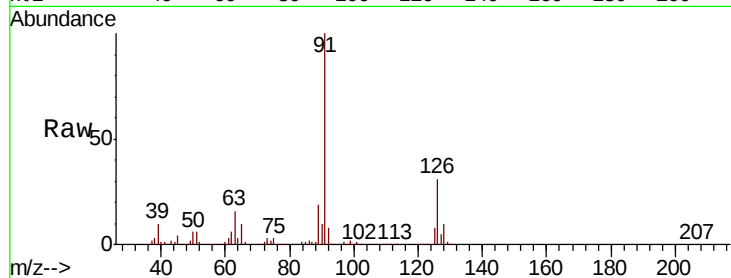
VSTDCCC050

Tgt Ion: 91 Resp: 413233

Ion Ratio Lower Upper

91 100

126 31.3 15.7 47.1



#80

1,3,5-Trimethylbenzene

Concen: 54.127 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW011741.D

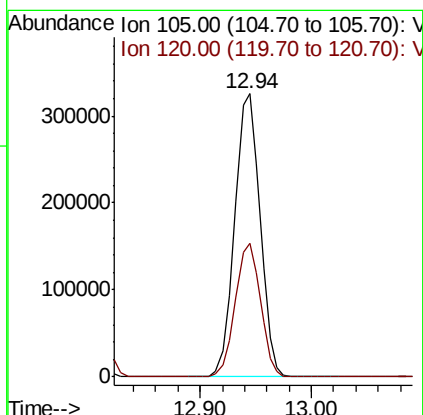
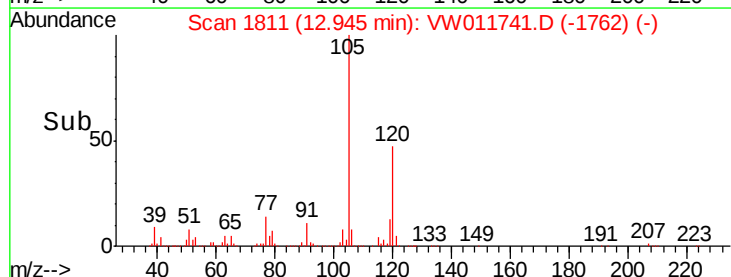
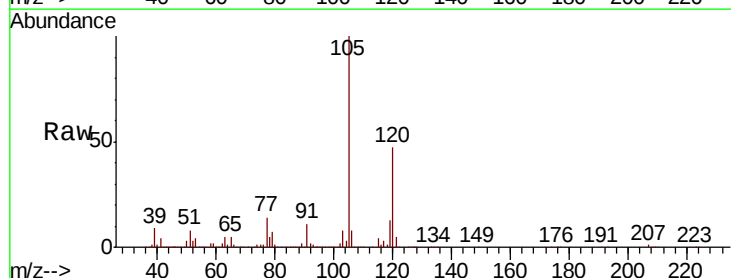
Acq: 07 Aug 2019 10:34

Tgt Ion: 105 Resp: 511188

Ion Ratio Lower Upper

105 100

120 47.2 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 54.537 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW011741.D

Acq: 07 Aug 2019 10:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

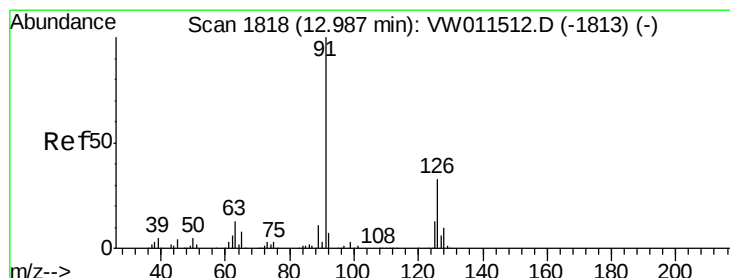
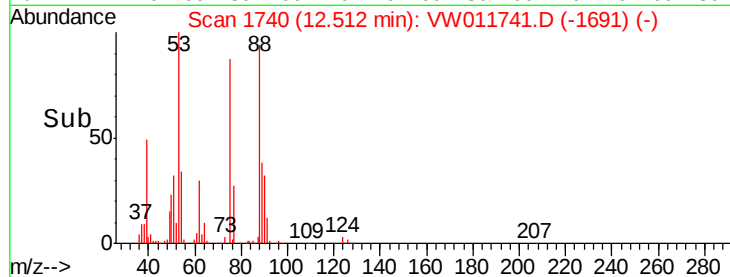
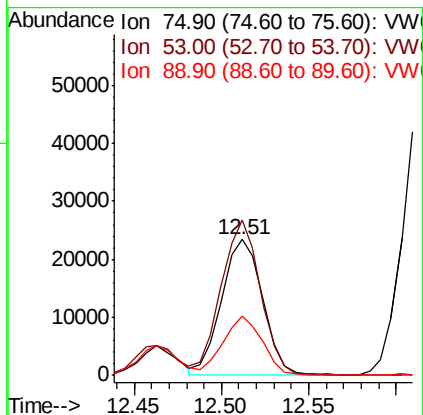
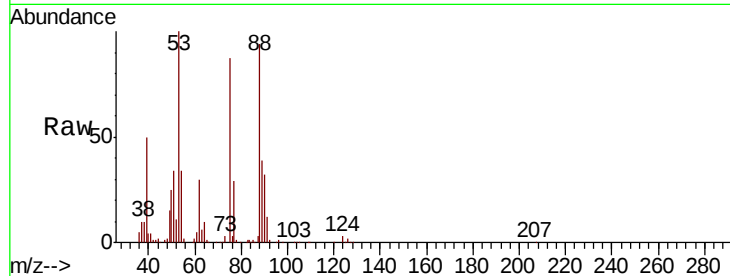
Tgt Ion: 75 Resp: 37815

Ion Ratio Lower Upper

75 100

53 111.4 88.0 132.0

89 42.0 35.3 52.9



#82

4-Chlorotoluene

Concen: 53.016 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW011741.D

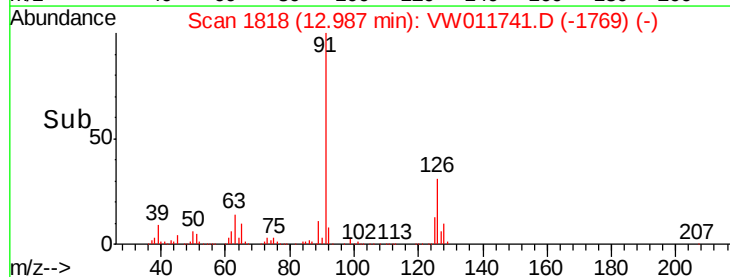
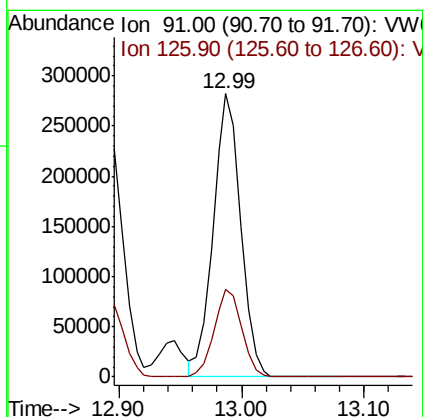
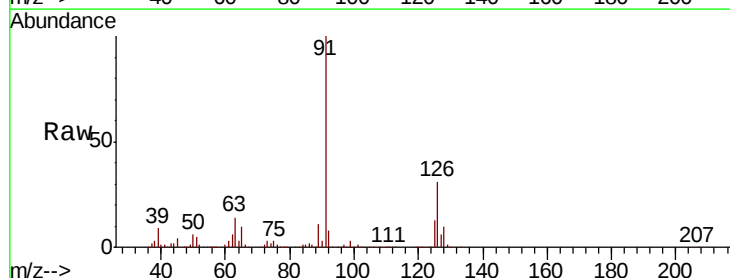
Acq: 07 Aug 2019 10:34

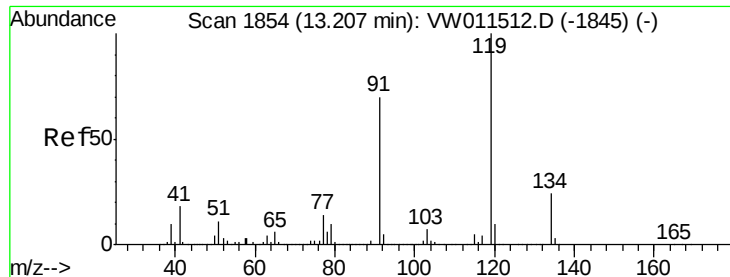
Tgt Ion: 91 Resp: 439397

Ion Ratio Lower Upper

91 100

126 31.1 15.6 46.8

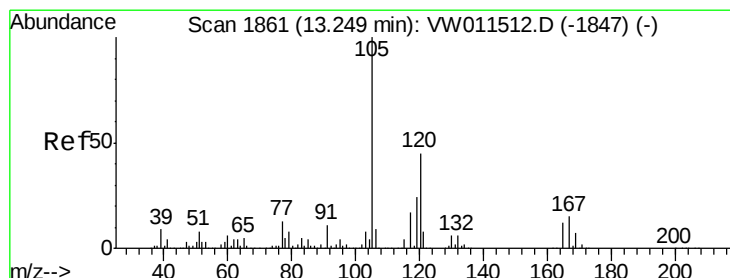
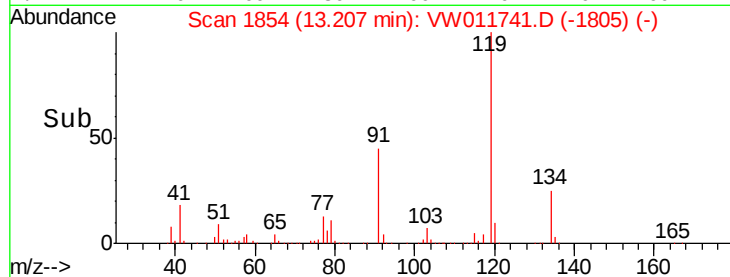
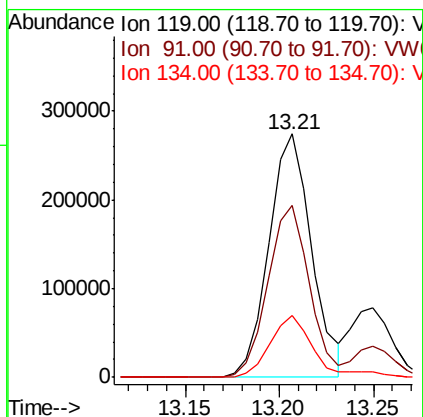
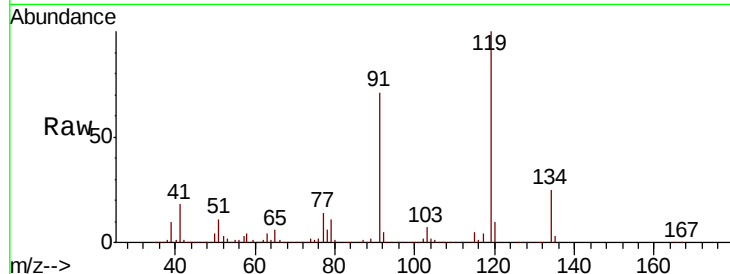




#83
 tert-Butylbenzene
 Concen: 54.720 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW011741.D
 Acq: 07 Aug 2019 10:34

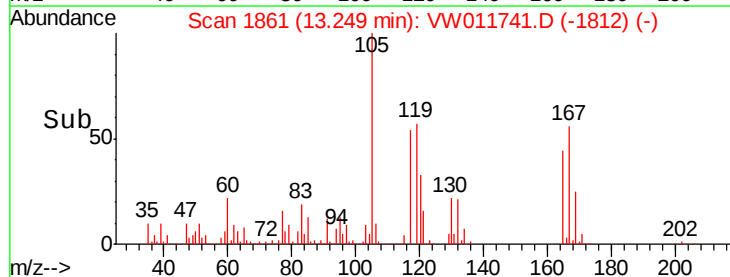
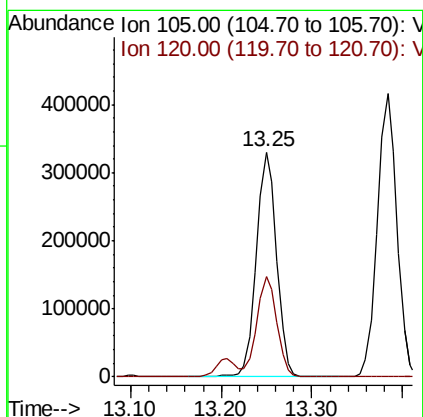
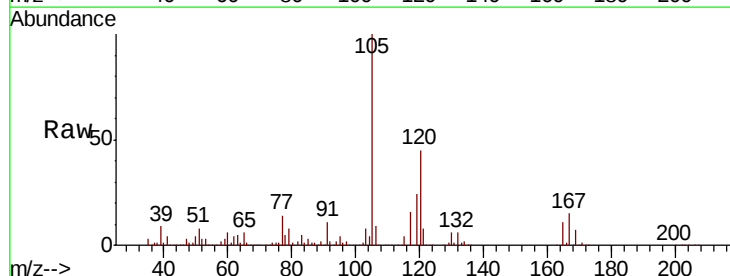
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

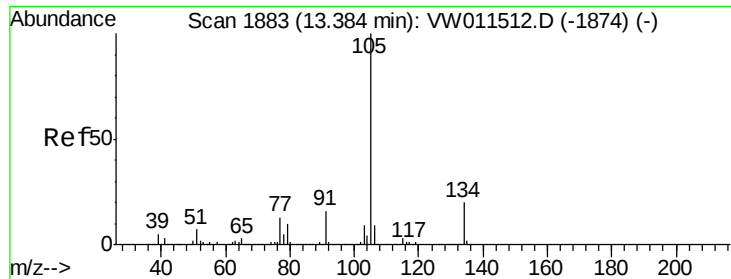
Tgt Ion:119 Resp: 432168
 Ion Ratio Lower Upper
 119 100
 91 68.6 34.5 103.6
 134 26.3 12.4 37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 53.462 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW011741.D
 Acq: 07 Aug 2019 10:34

Tgt Ion:105 Resp: 508624
 Ion Ratio Lower Upper
 105 100
 120 43.6 22.1 66.5

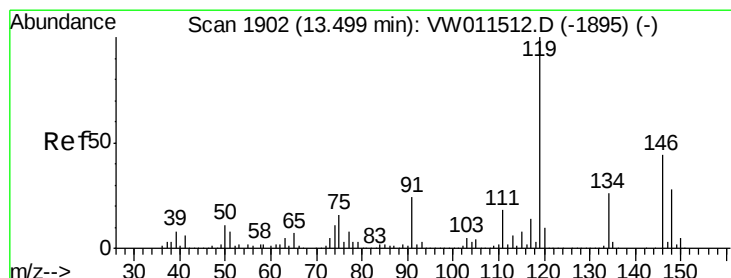
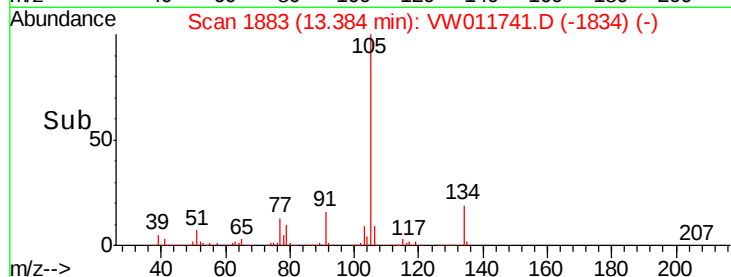
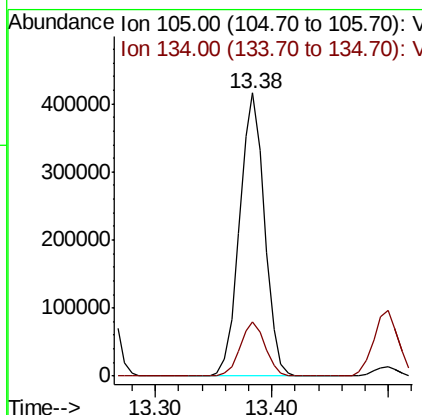
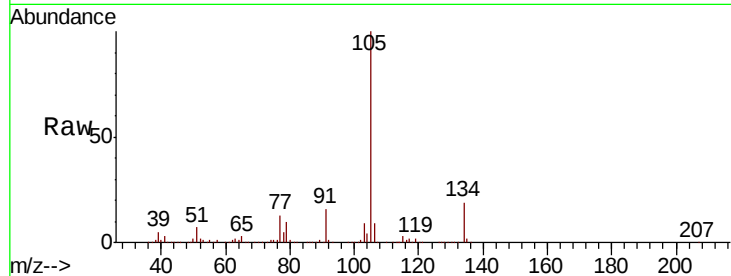




#85
 sec-Butylbenzene
 Concen: 55.034 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW011741.D
 Acq: 07 Aug 2019 10:34

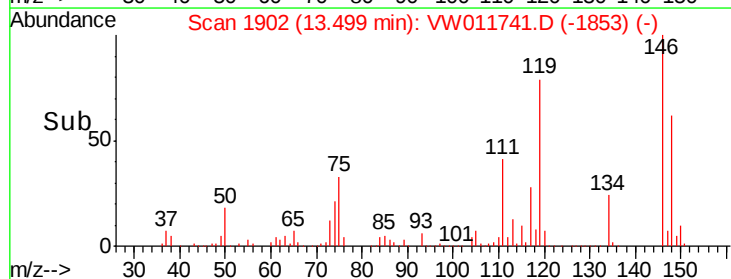
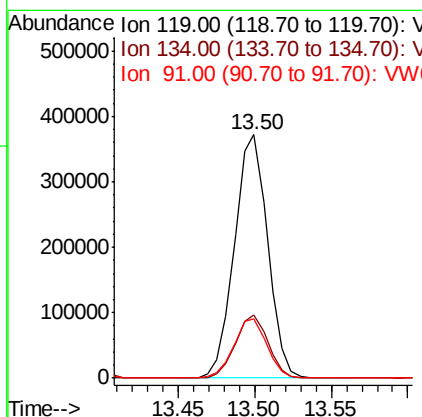
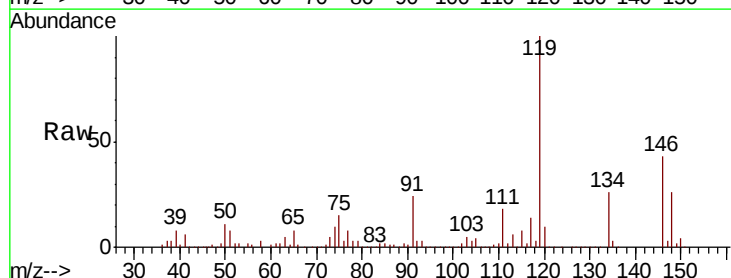
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

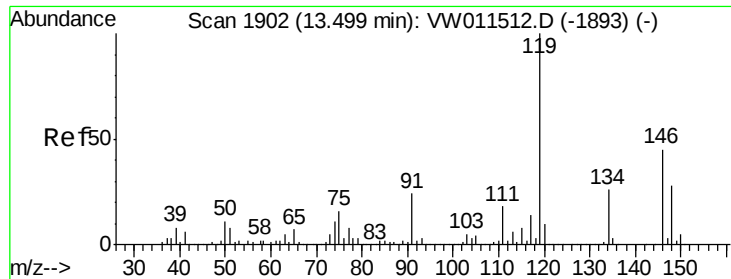
Tgt Ion:105 Resp: 620177
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 54.652 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW011741.D
 Acq: 07 Aug 2019 10:34

Tgt Ion:119 Resp: 558797
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.4
 91 24.3 12.1 36.3

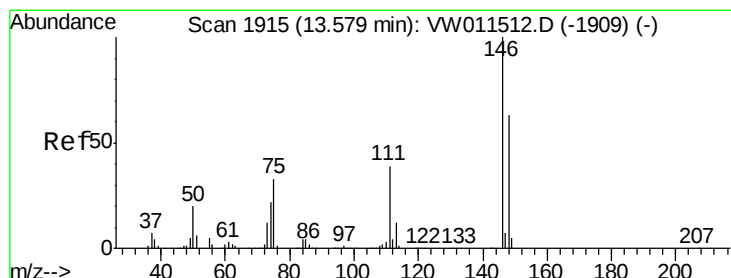
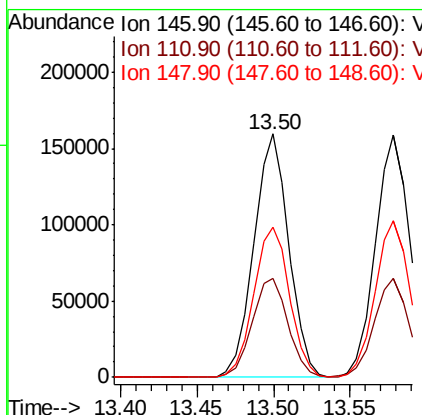
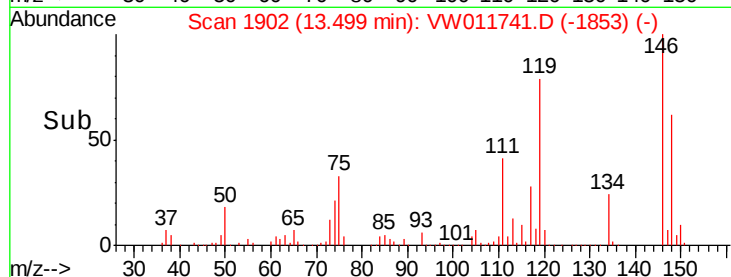
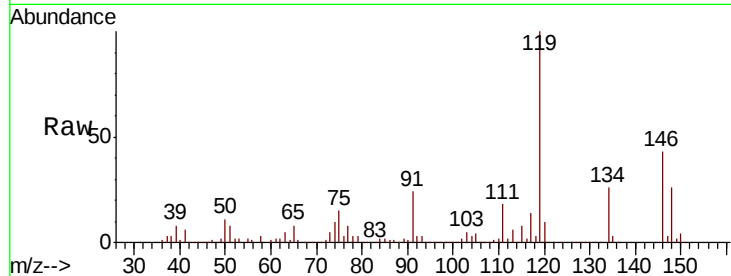




#87
 1,3-Dichlorobenzene
 Concen: 51.907 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW011741.D
 Acq: 07 Aug 2019 10:34

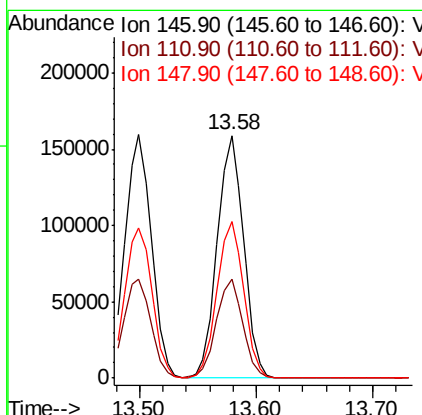
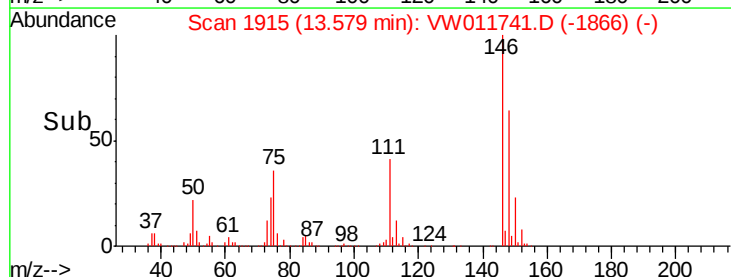
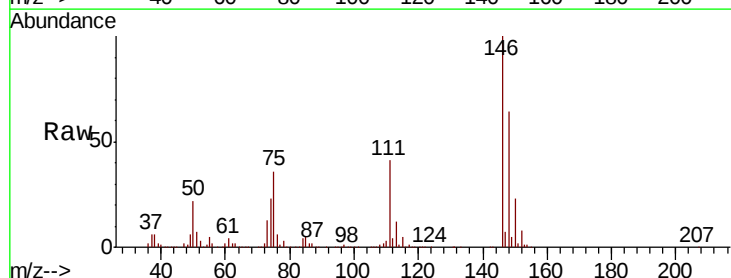
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

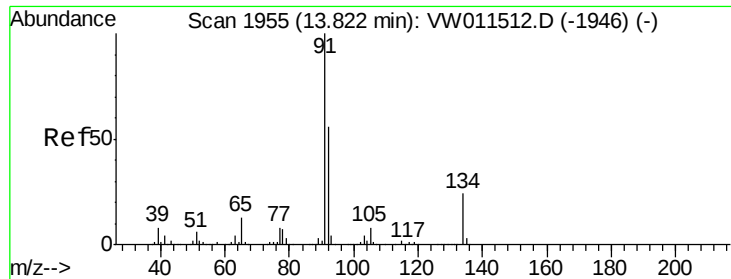
Tgt Ion:146 Resp: 253455
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.5 61.6
 148 63.3 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 51.250 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW011741.D
 Acq: 07 Aug 2019 10:34

Tgt Ion:146 Resp: 248938
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.1 60.2
 148 65.2 31.9 95.9





#89

n-Butylbenzene

Concen: 55.436 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW011741.D

Acq: 07 Aug 2019 10:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

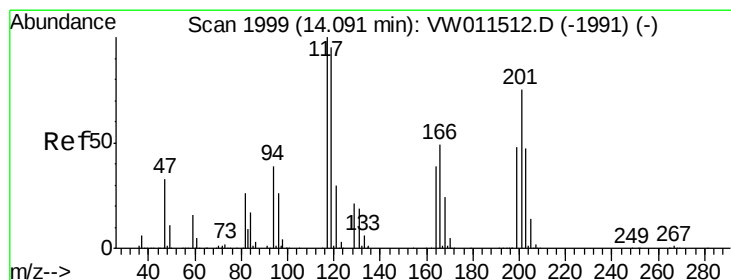
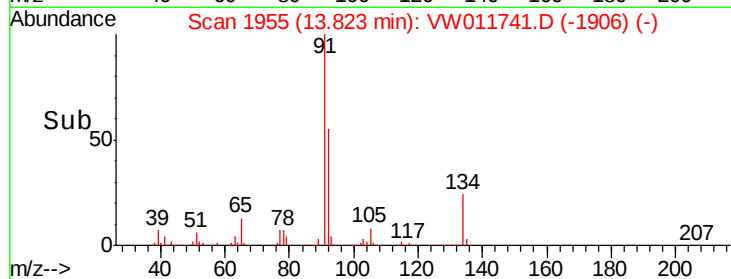
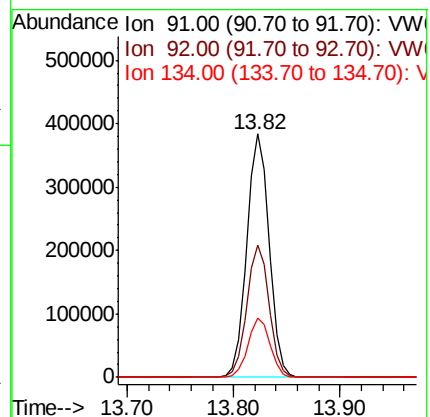
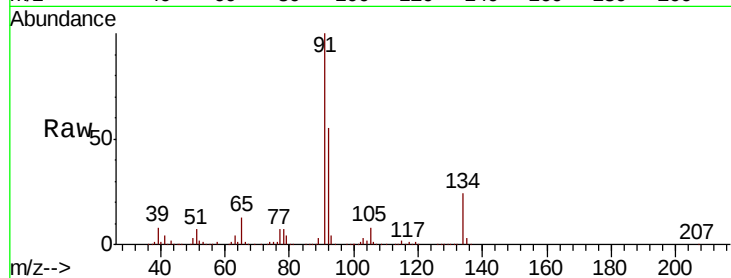
Tgt Ion: 91 Resp: 565648

Ion Ratio Lower Upper

91 100

92 54.2 27.5 82.4

134 24.2 12.2 36.6



#90

Hexachloroethane

Concen: 55.226 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW011741.D

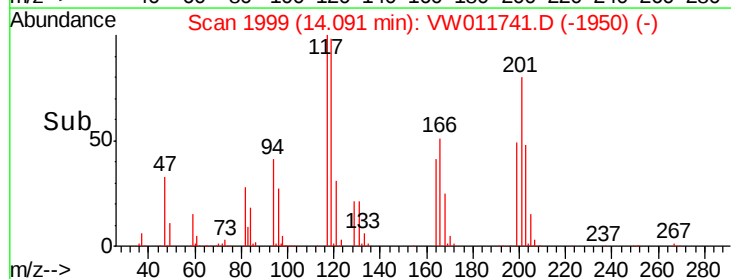
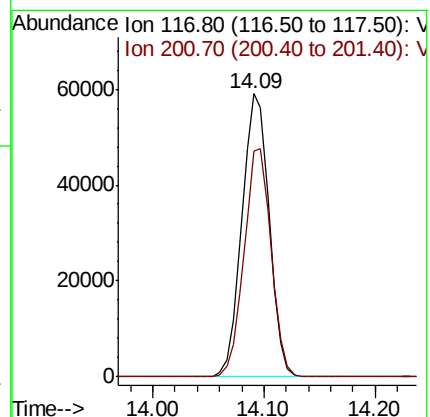
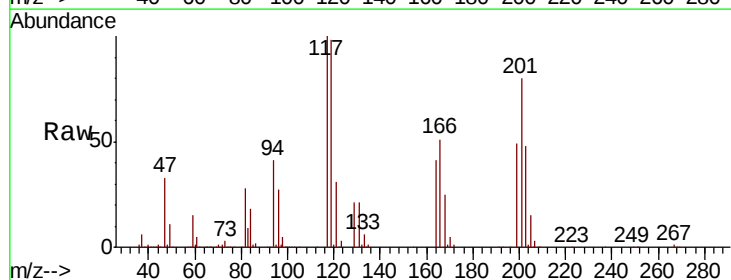
Acq: 07 Aug 2019 10:34

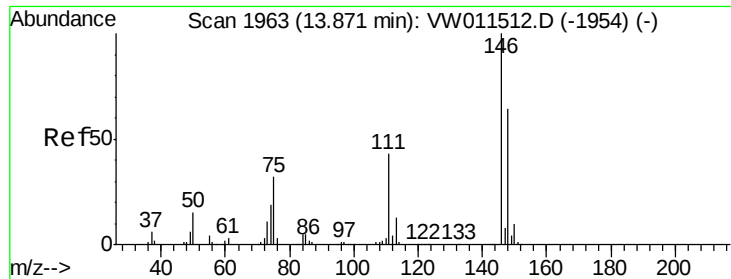
Tgt Ion: 117 Resp: 99849

Ion Ratio Lower Upper

117 100

201 80.1 39.4 118.2





#91

1,2-Dichlorobenzene

Concen: 51.554 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW011741.D

Acq: 07 Aug 2019 10:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

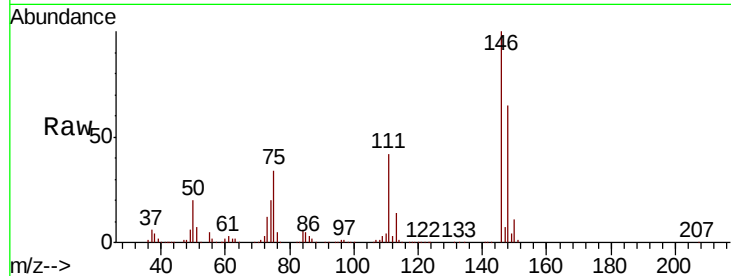
Tgt Ion:146 Resp: 222645

Ion Ratio Lower Upper

146 100

111 43.2 21.6 65.0

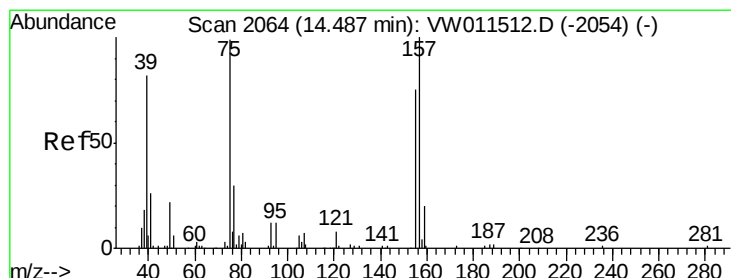
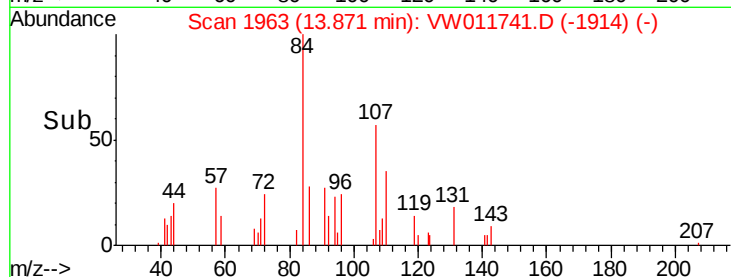
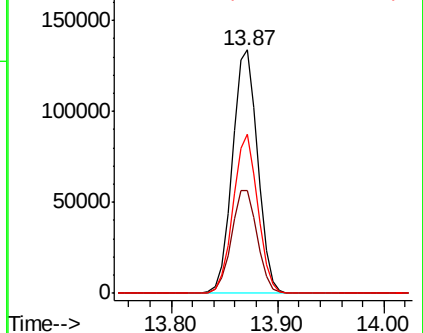
148 63.8 32.0 96.2



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: 52.251 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. -0.01 min

Lab File: VW011741.D

Acq: 07 Aug 2019 10:34

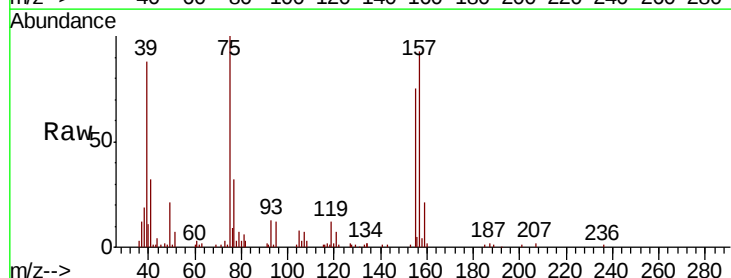
Tgt Ion: 75 Resp: 18883

Ion Ratio Lower Upper

75 100

155 73.8 38.2 114.6

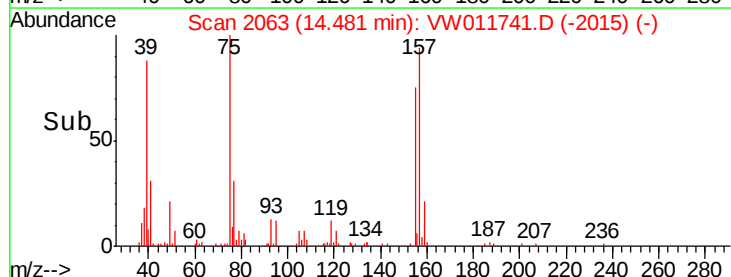
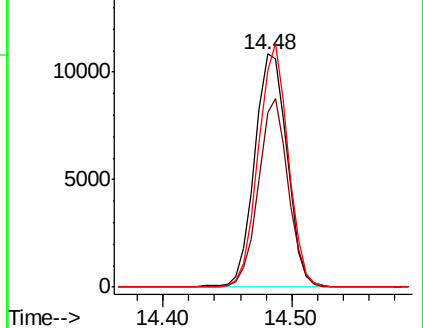
157 95.8 48.9 146.7

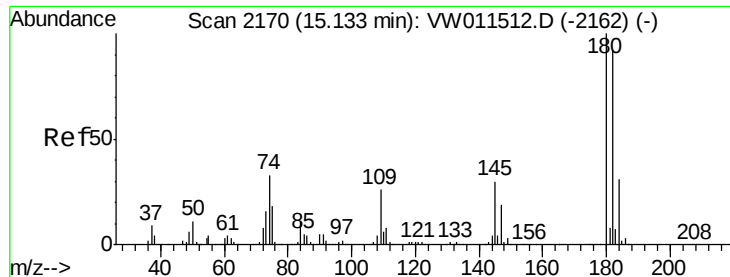


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

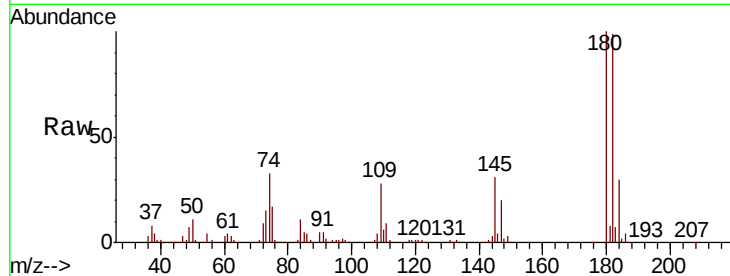




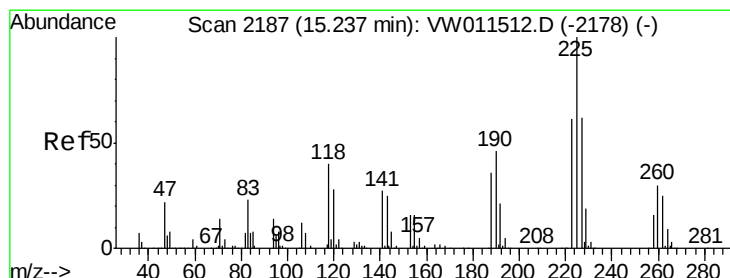
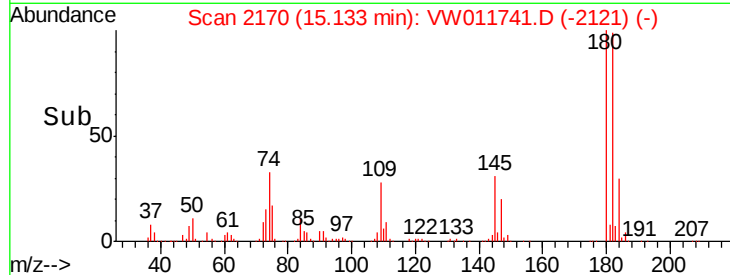
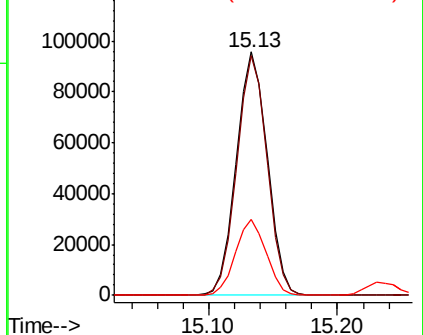
#93
 1,2,4-Trichlorobenzene
 Concen: 52.420 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW011741.D
 Acq: 07 Aug 2019 10:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 159549
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.4 142.2
 145 30.8 15.4 46.1

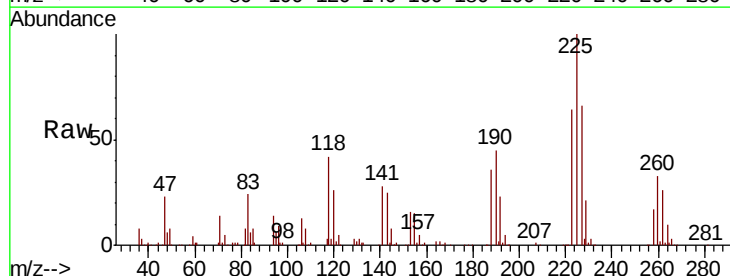


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

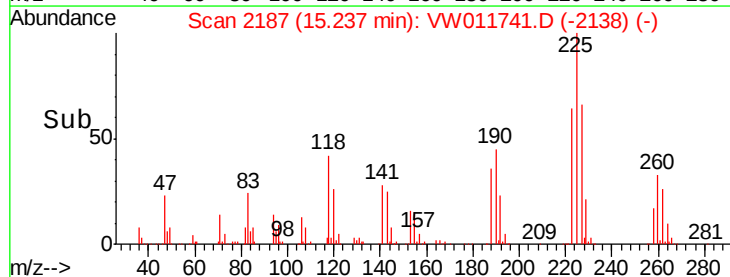
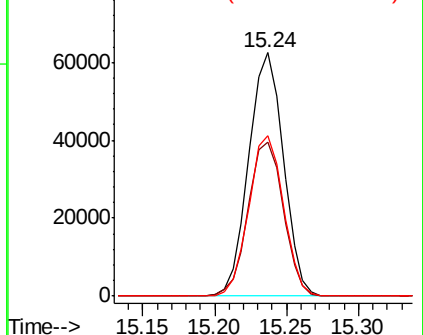


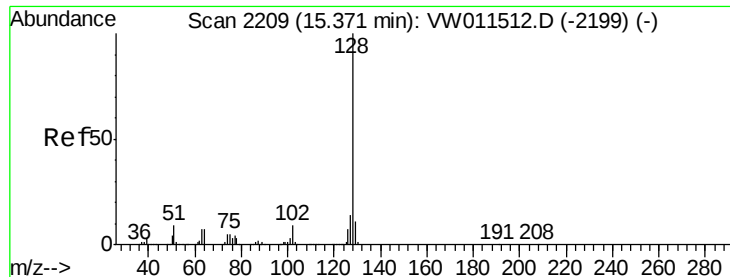
#94
 Hexachlorobutadiene
 Concen: 54.951 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW011741.D
 Acq: 07 Aug 2019 10:34

Tgt Ion:225 Resp: 104302
 Ion Ratio Lower Upper
 225 100
 223 64.4 30.8 92.3
 227 65.8 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

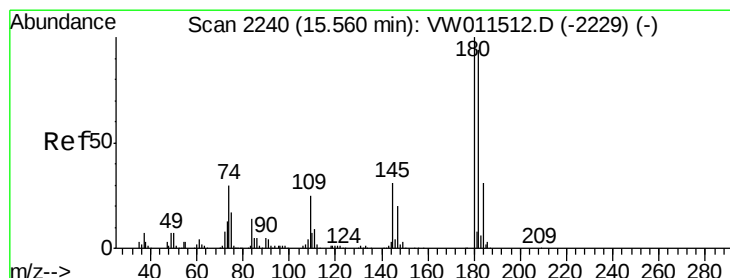
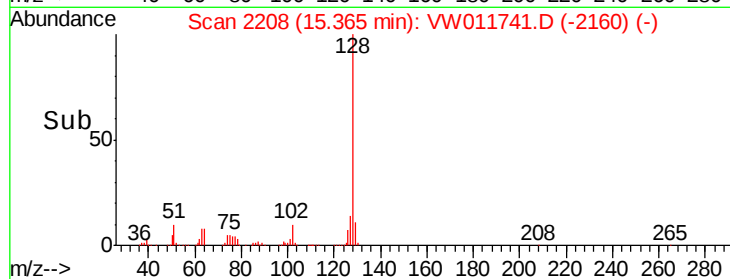
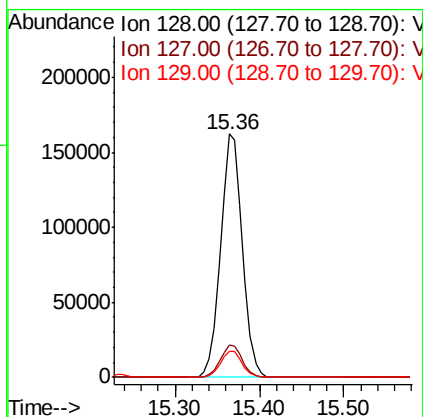
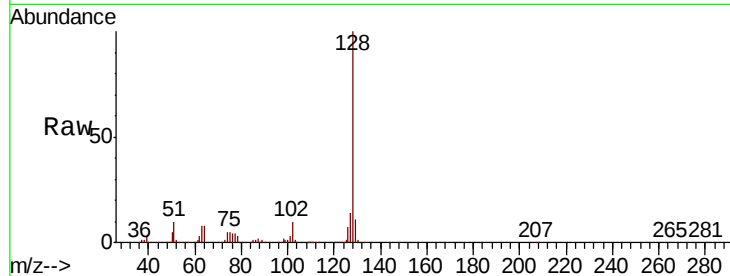




#95
Naphthalene
Concen: 48.246 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW011741.D
Acq: 07 Aug 2019 10:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 287194
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 52.155 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW011741.D
Acq: 07 Aug 2019 10:34

Tgt Ion:180 Resp: 139148
Ion Ratio Lower Upper
180 100
182 94.6 47.4 142.2
145 32.2 15.9 47.7

