

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072519\
 Data File : VW011464.D
 Acq On : 24 Jul 2019 10:11
 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: Jul 24 10:32:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	246196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	404491	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	352784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	167954	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	138436	44.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.50%	
35) Dibromofluoromethane	7.88	113	116198	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
50) Toluene-d8	10.32	98	463166	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	
62) 4-Bromofluorobenzene	12.62	95	170592	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	71547	38.966	ug/l	96
3) Chloromethane	2.21	50	106164	44.871	ug/l	98
4) Vinyl Chloride	2.36	62	136529	44.088	ug/l	96
5) Bromomethane	2.77	94	70762	45.474	ug/l	96
6) Chloroethane	2.92	64	78553	47.095	ug/l	99
7) Trichlorofluoromethane	3.25	101	64481	58.613	ug/l	99
8) Diethyl Ether	3.68	74	75570	49.646	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	121464	46.095	ug/l	99
10) Methyl Iodide	4.27	142	177561	48.993	ug/l	97
11) Tert butyl alcohol	5.18	59	49724	217.101	ug/l	98
12) 1,1-Dichloroethene	4.04	96	127779	46.720	ug/l	93
13) Acrolein	3.89	56	47455	260.199	ug/l	98
14) Allyl chloride	4.66	41	280148	56.171	ug/l	96
15) Acrylonitrile	5.36	53	187503	241.869	ug/l	99
16) Acetone	4.12	43	216017	290.212	ug/l	98
17) Carbon Disulfide	4.38	76	366959	44.257	ug/l	99
18) Methyl Acetate	4.67	43	91161	42.865	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	215751	51.990	ug/l	99
20) Methylene Chloride	4.92	84	142807	48.634	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	138208	48.632	ug/l	94
22) Diisopropyl ether	6.31	45	534805	49.856	ug/l	97
23) Vinyl Acetate	6.25	43	1711933	257.877	ug/l	99
24) 1,1-Dichloroethane	6.21	63	281804	50.029	ug/l	99
25) 2-Butanone	7.17	43	292476	250.317	ug/l	99
26) 2,2-Dichloropropane	7.16	77	157051	53.637	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	154746	50.478	ug/l	100
28) Bromochloromethane	7.51	49	115771	45.201	ug/l	98
29) Tetrahydrofuran	7.52	42	174117	227.264	ug/l	99
30) Chloroform	7.67	83	254405	48.768	ug/l	100
31) Cyclohexane	7.95	56	267319	44.609	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	195472	49.259	ug/l	98
36) 1,1-Dichloropropene	8.08	75	207645	48.206	ug/l	100
37) Ethyl Acetate	7.25	43	119755	46.273	ug/l	99
38) Carbon Tetrachloride	8.07	117	176181	48.249	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	250982	48.073	ug/l	99
40) Benzene	8.32	78	589110	49.488	ug/l	99
41) Methacrylonitrile	7.48	41	77202	52.157	ug/l	93
42) 1,2-Dichloroethane	8.40	62	180431	46.724	ug/l	98
43) Isopropyl Acetate	8.42	43	228066	46.676	ug/l	99
44) Trichloroethene	9.09	130	143677	50.156	ug/l	100
45) 1,2-Dichloropropane	9.37	63	159950	49.619	ug/l	100
46) Dibromomethane	9.46	93	71621	47.297	ug/l	97
47) Bromodichloromethane	9.64	83	189624	48.941	ug/l	99
48) Methyl methacrylate	9.43	41	109733	46.681	ug/l	97
49) 1,4-Dioxane	9.45	88	21549	852.546	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	591481	231.735	ug/l	100
52) Toluene	10.38	92	361584	50.073	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	199271	48.317	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	239273	49.290	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	103031	47.960	ug/l	99
56) Ethyl methacrylate	10.64	69	158887	48.579	ug/l	96
57) 1,3-Dichloropropane	10.93	76	196280	48.317	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	361112	238.157	ug/l	100
59) 2-Hexanone	10.97	43	417553	235.893	ug/l	98
60) Dibromochloromethane	11.13	129	116572	49.485	ug/l	99
61) 1,2-Dibromoethane	11.23	107	98216	48.266	ug/l	100
64) Tetrachloroethene	10.86	164	115728	48.615	ug/l	98
65) Chlorobenzene	11.66	112	361776	50.439	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	127170	50.356	ug/l	99
67) Ethyl Benzene	11.73	91	694762	50.599	ug/l	99
68) m/p-Xylenes	11.84	106	504659	101.575	ug/l	100
69) o-Xylene	12.16	106	235692	50.332	ug/l	99
70) Styrene	12.18	104	415405	51.401	ug/l	99
71) Bromoform	12.35	173	65754	48.970	ug/l #	98
73) Isopropylbenzene	12.46	105	653139	52.021	ug/l	100
74) N-amyl acetate	12.27	43	208102	47.592	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	124709	48.456	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	164711	84.862	ug/l #	100
77) Bromobenzene	12.74	156	143543	50.945	ug/l	97
78) n-propylbenzene	12.80	91	797451	51.561	ug/l	99
79) 2-Chlorotoluene	12.89	91	454274	51.042	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	547801	51.358	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	41254	48.074	ug/l	95
82) 4-Chlorotoluene	12.99	91	475425	51.287	ug/l	100
83) tert-Butylbenzene	13.21	119	465275	52.304	ug/l	96
84) 1,2,4-Trimethylbenzene	13.25	105	548254	51.190	ug/l	100
85) sec-Butylbenzene	13.38	105	658231	51.280	ug/l	100
86) p-Isopropyltoluene	13.50	119	595160	51.696	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	275742	50.865	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	274782	50.336	ug/l	99
89) n-Butylbenzene	13.82	91	590895	51.450	ug/l	99
90) Hexachloroethane	14.10	117	105072	49.944	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	245716	49.962	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20599	45.123	ug/l	96

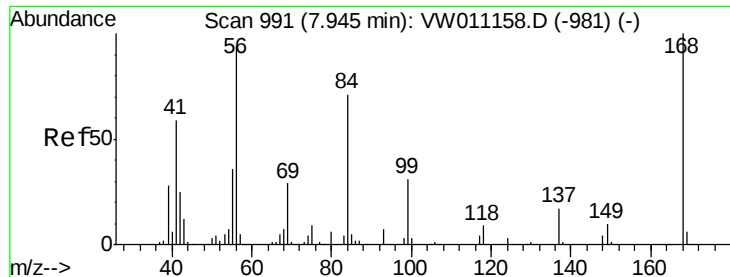
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QLast Update : Thu Jul 11 08:14:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	173756	51.294	ug/l	99
94) Hexachlorobutadiene	15.24	225	106422	51.172	ug/l	99
95) Naphthalene	15.37	128	325956	50.214	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	150209	50.244	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

Instrument :

MSVOA_W

ClientSampleId :

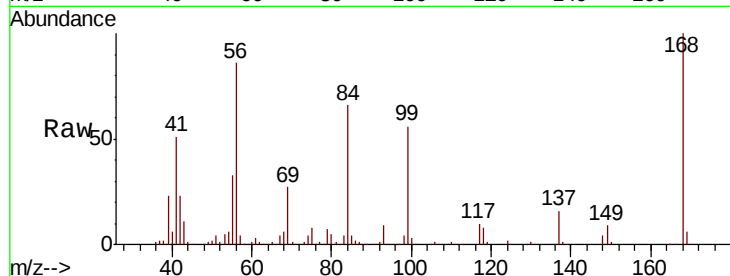
VSTDCCC050

Tgt Ion:168 Resp: 246196

Ion Ratio Lower Upper

168 100

99 56.4 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

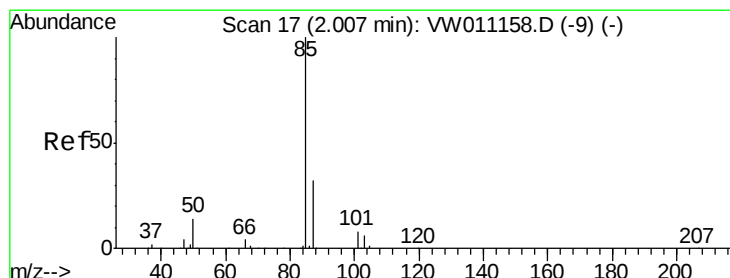
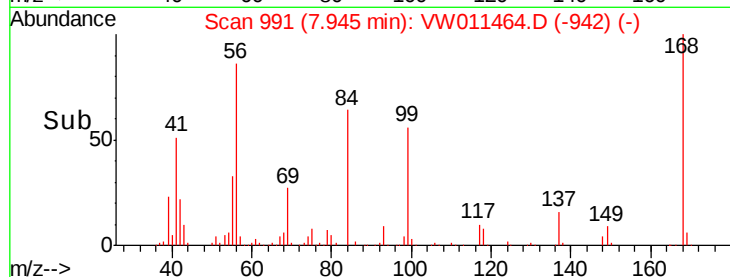
7.95

100000

50000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 38.966 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW011464.D

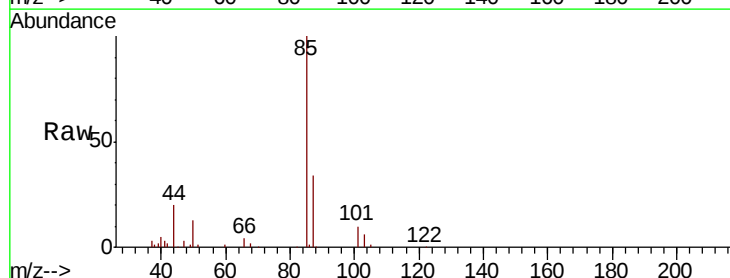
Acq: 24 Jul 2019 10:11

Tgt Ion: 85 Resp: 71547

Ion Ratio Lower Upper

85 100

87 34.1 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

25000

20000

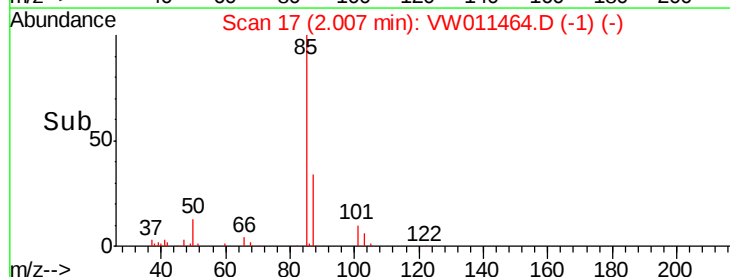
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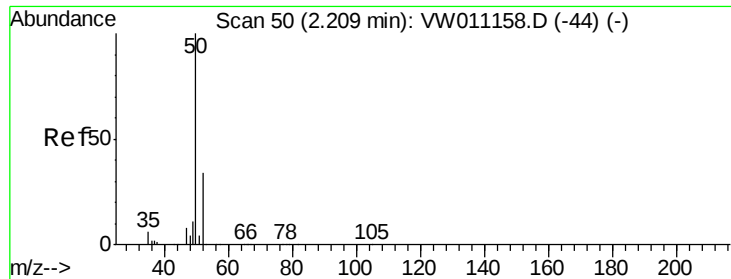
10000

5000

0

Time--> 2.00 2.20





#3

Chloromethane

Concen: 44.871 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

Instrument :

MSVOA_W

ClientSampleId :

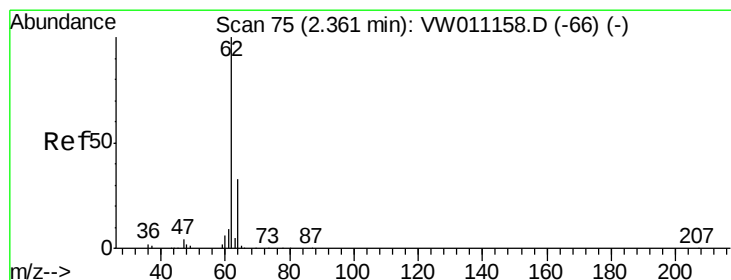
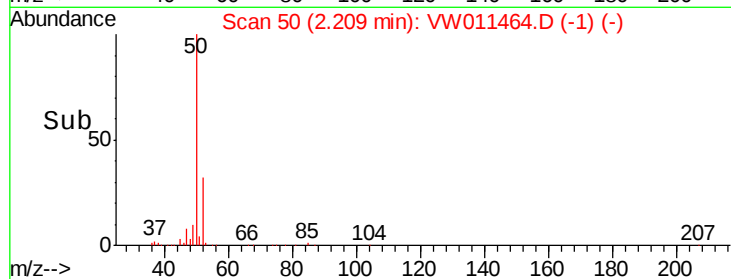
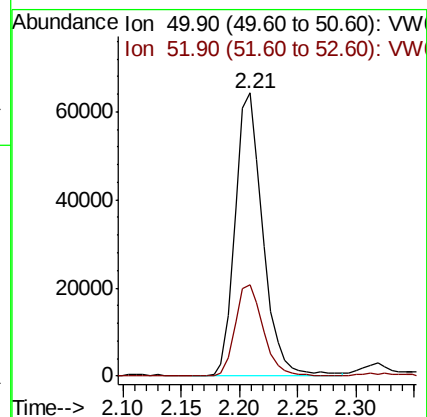
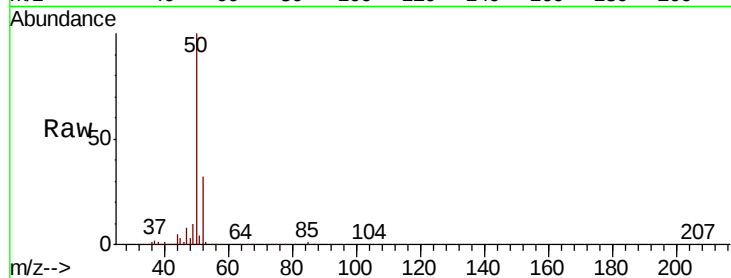
VSTDCCC050

Tgt Ion: 50 Resp: 106164

Ion Ratio Lower Upper

50 100

52 32.4 26.9 40.3



#4

Vinyl Chloride

Concen: 44.088 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW011464.D

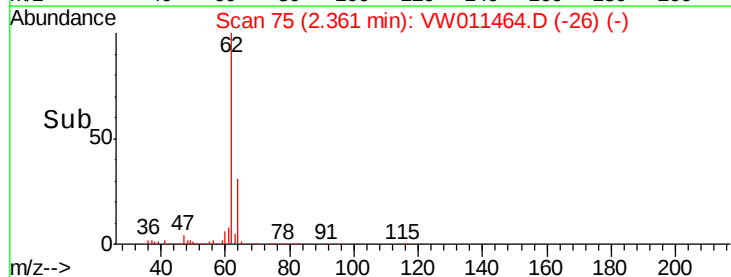
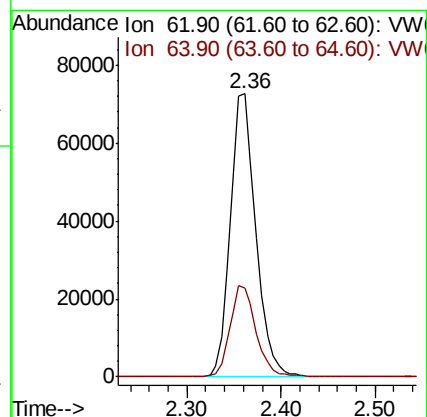
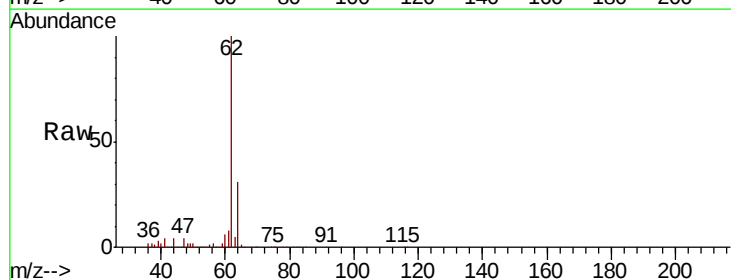
Acq: 24 Jul 2019 10:11

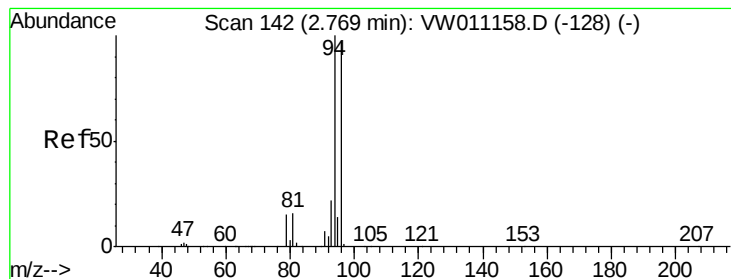
Tgt Ion: 62 Resp: 136529

Ion Ratio Lower Upper

62 100

64 31.0 26.6 40.0





#5

Bromomethane

Concen: 45.474 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

Instrument :

MSVOA_W

ClientSampleId :

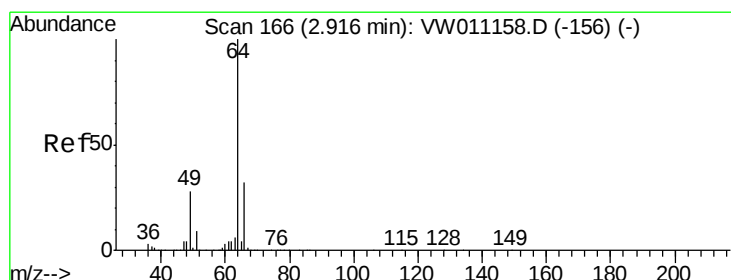
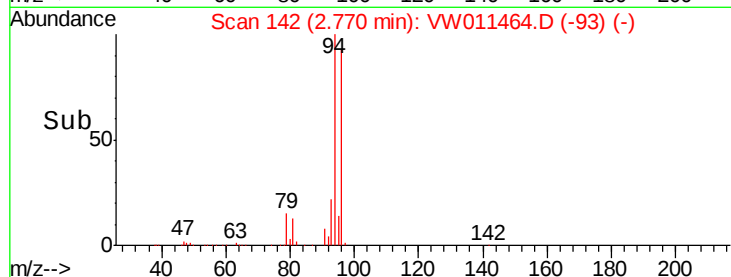
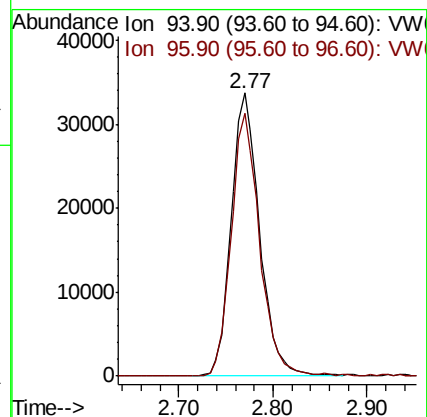
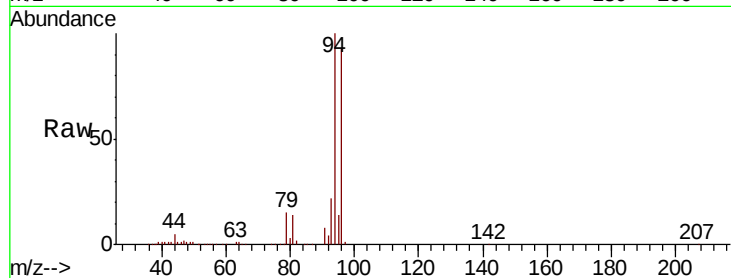
VSTDCCC050

Tgt Ion: 94 Resp: 70762

Ion Ratio Lower Upper

94 100

96 92.9 77.4 116.0



#6

Chloroethane

Concen: 47.095 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW011464.D

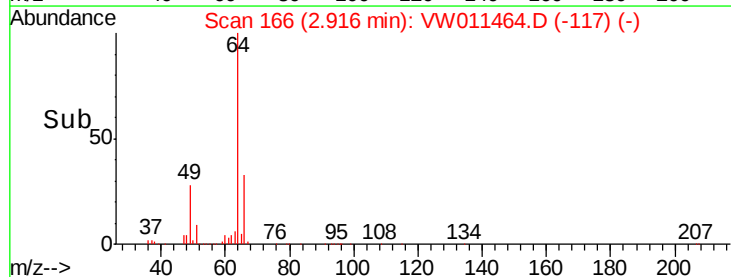
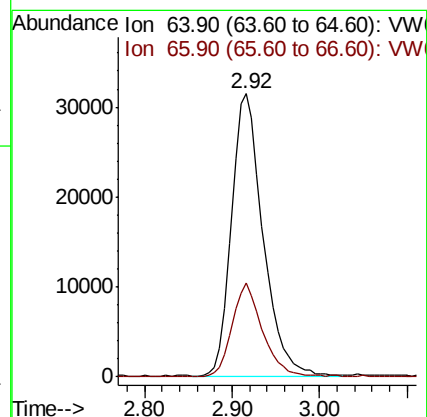
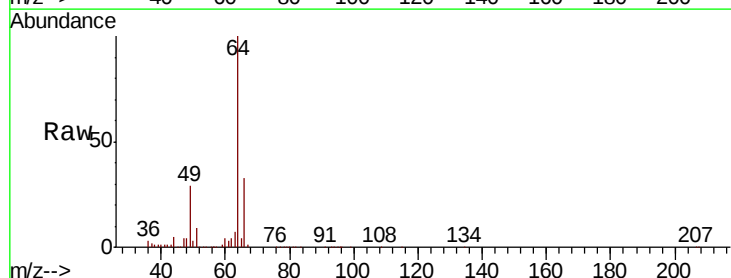
Acq: 24 Jul 2019 10:11

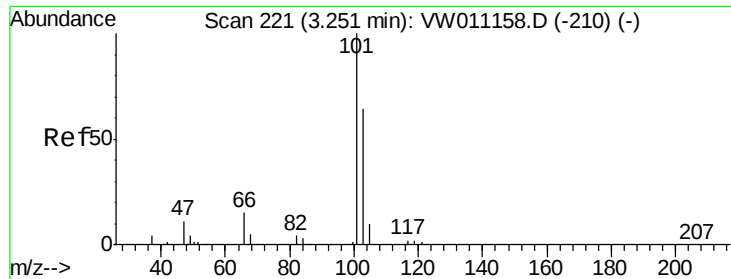
Tgt Ion: 64 Resp: 78553

Ion Ratio Lower Upper

64 100

66 33.1 25.8 38.8



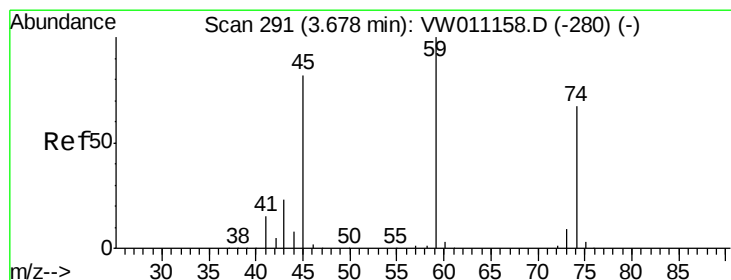
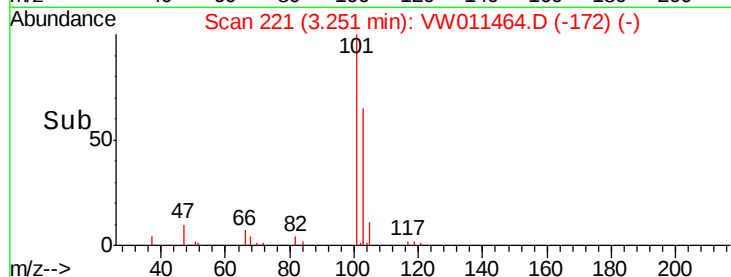
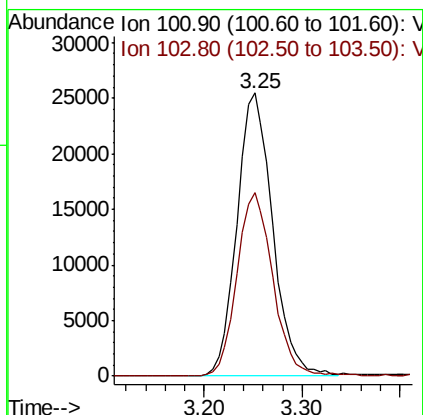
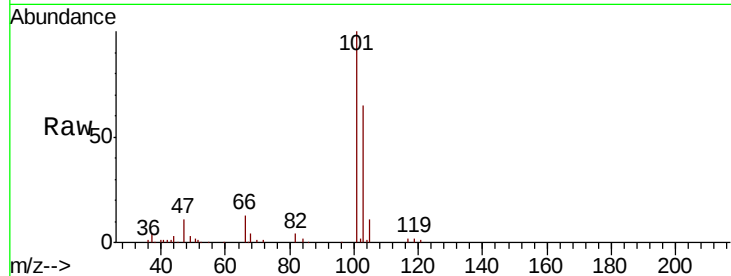


#7

Trichlorofluoromethane
Concen: 58.613 ug/l
RT: 3.25 min Scan# 221
Delta R.T. 0.00 min
Lab File: VW011464.D
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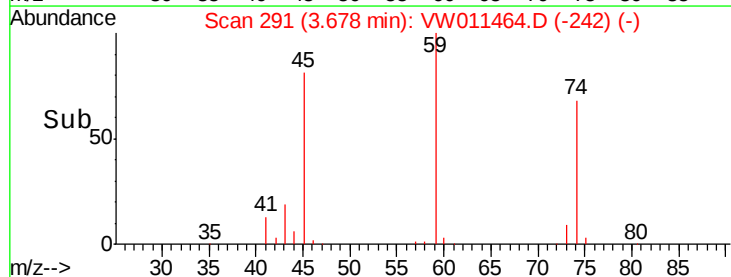
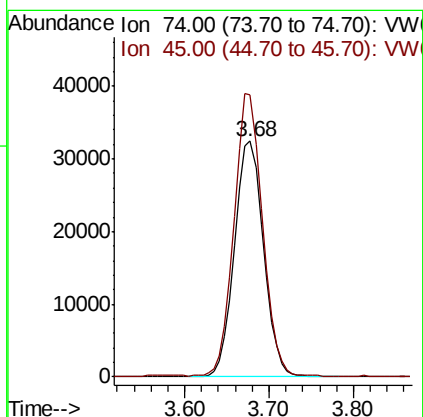
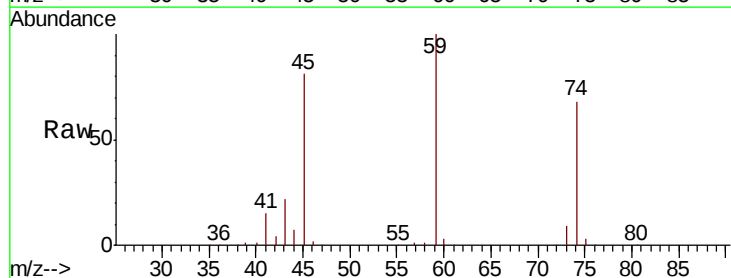
Tgt Ion:101 Resp: 64481
Ion Ratio Lower Upper
101 100
103 64.9 51.3 76.9

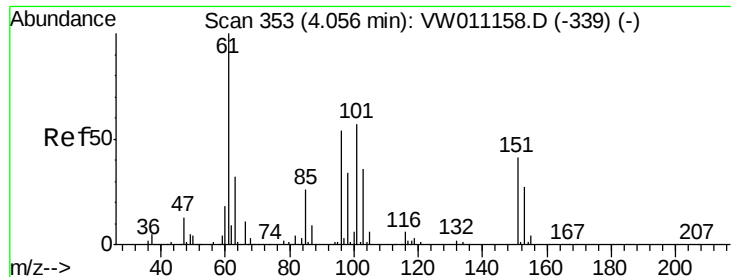


#8

Diethyl Ether
Concen: 49.646 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion: 74 Resp: 75570
Ion Ratio Lower Upper
74 100
45 117.0 59.9 179.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.095 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.00 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

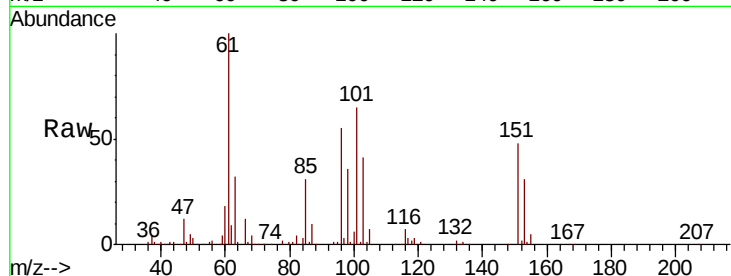
Tgt Ion:101 Resp: 121464

Ion Ratio Lower Upper

101 100

85 45.7 36.5 54.7

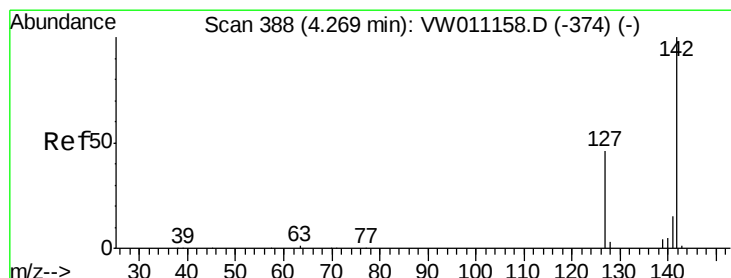
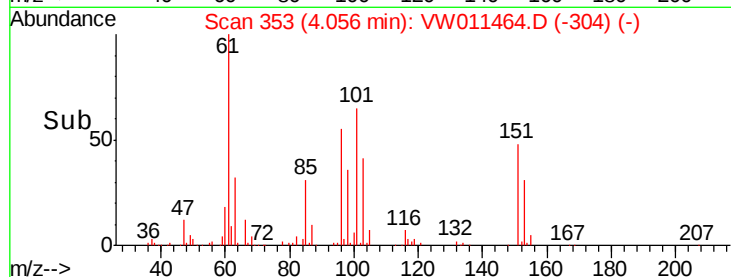
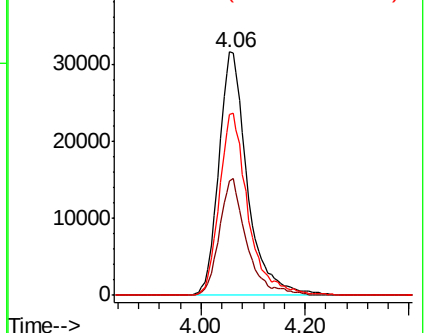
151 75.2 59.1 88.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.993 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

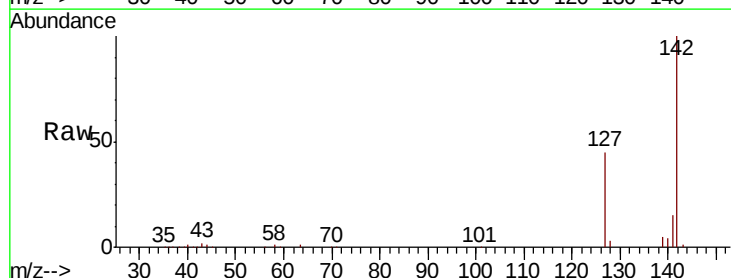
Tgt Ion:142 Resp: 177561

Ion Ratio Lower Upper

142 100

127 42.4 35.7 53.5

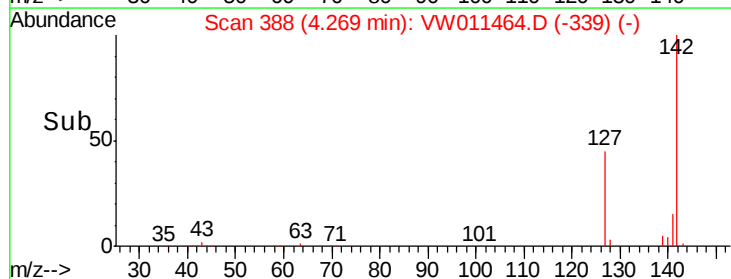
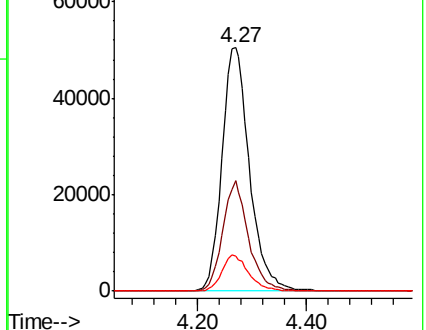
141 14.5 11.5 17.3

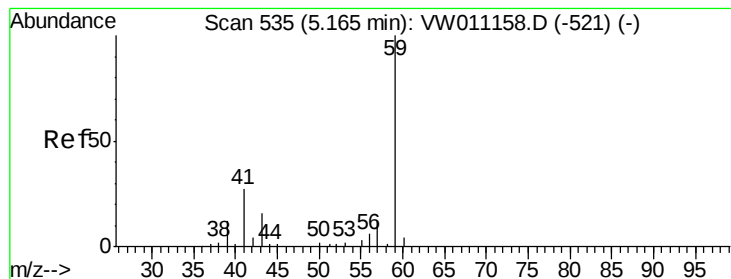


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



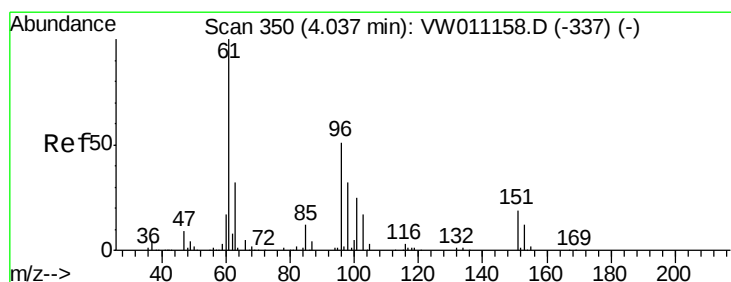
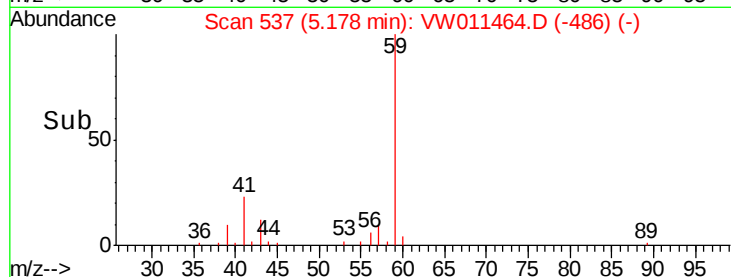
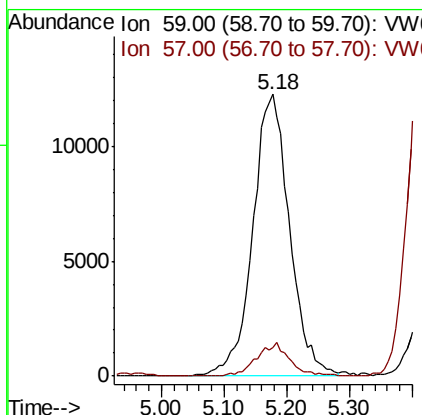
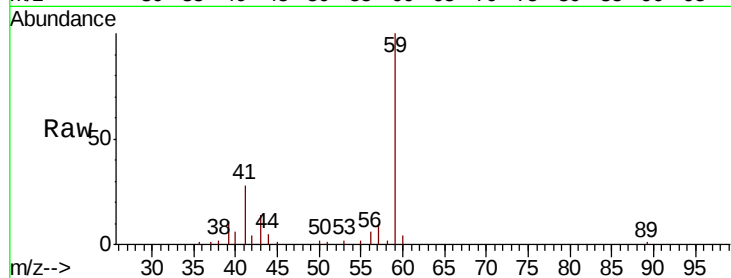


#11

Tert butyl alcohol
 Concen: 217.101 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VW011464.D
 Acq: 24 Jul 2019 10:11

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

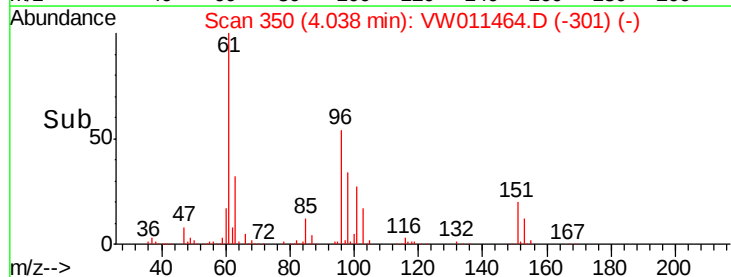
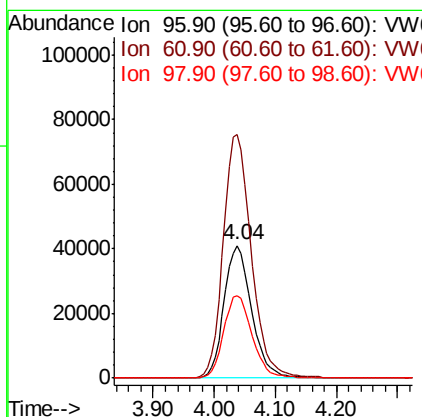
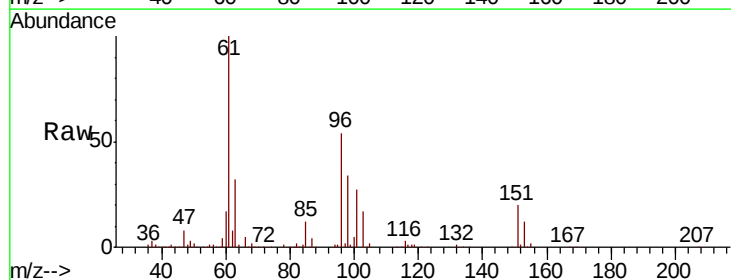
Tgt Ion: 59 Resp: 49724
 Ion Ratio Lower Upper
 59 100
 57 10.7 9.0 13.6

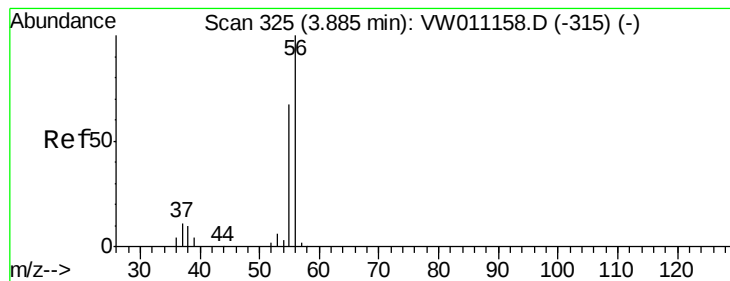


#12

1,1-Dichloroethene
 Concen: 46.720 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW011464.D
 Acq: 24 Jul 2019 10:11

Tgt Ion: 96 Resp: 127779
 Ion Ratio Lower Upper
 96 100
 61 183.7 157.7 236.5
 98 62.4 50.9 76.3





#13

Acrolein

Concen: 260.199 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

Instrument :

MSVOA_W

ClientSampleId :

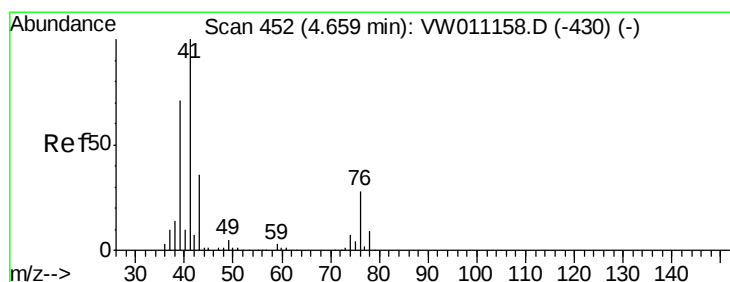
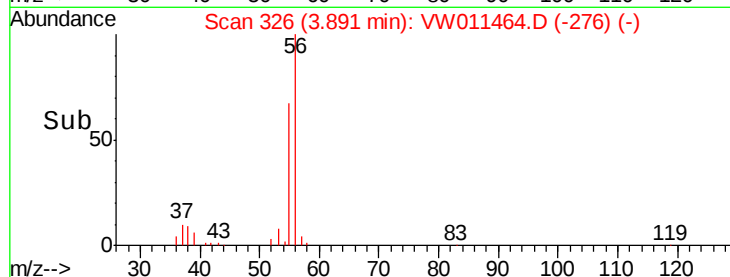
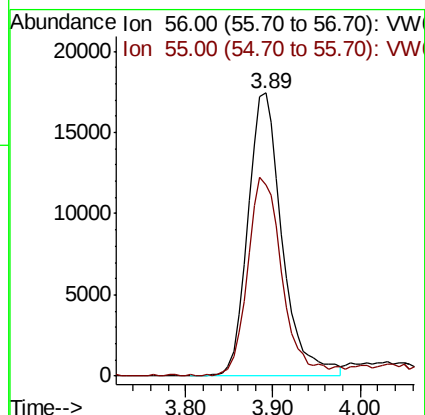
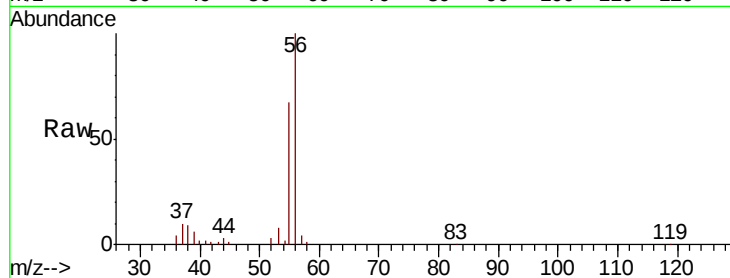
VSTDCCC050

Tgt Ion: 56 Resp: 47455

Ion Ratio Lower Upper

56 100

55 72.0 56.4 84.6



#14

Allyl chloride

Concen: 56.171 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

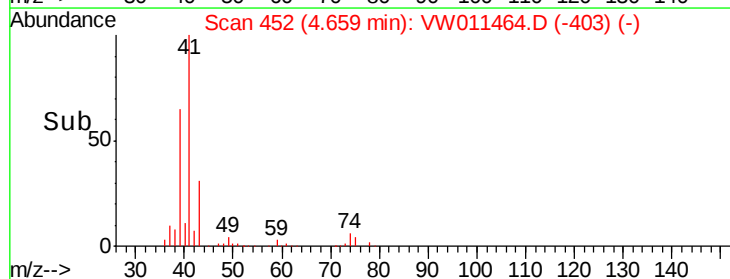
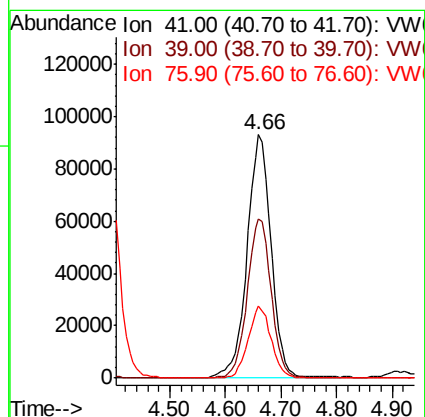
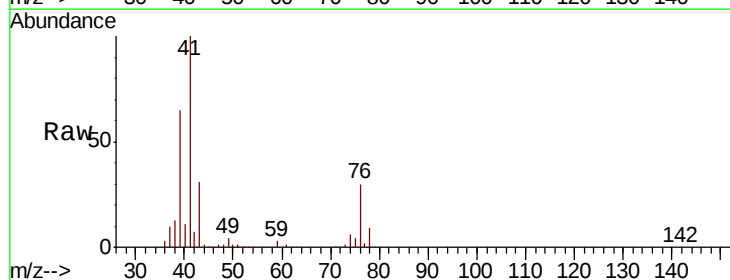
Tgt Ion: 41 Resp: 280148

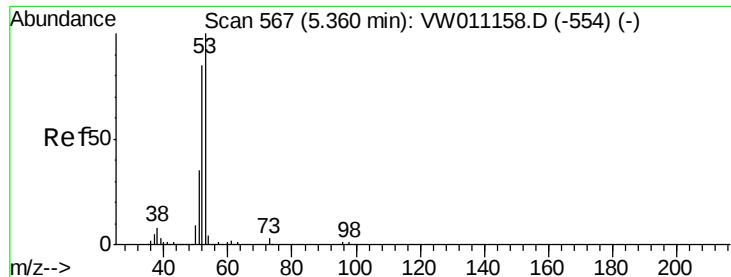
Ion Ratio Lower Upper

41 100

39 64.8 55.1 82.7

76 28.2 22.5 33.7





#15

Acrylonitrile

Concen: 241.869 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

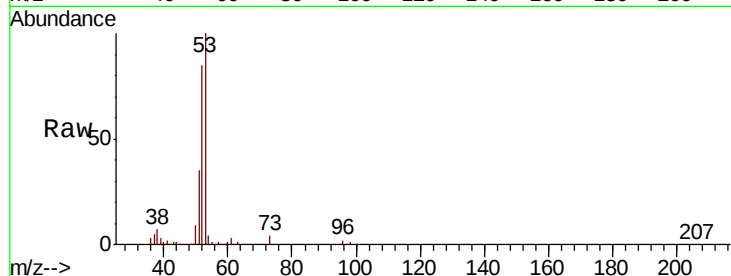
Tgt Ion: 53 Resp: 187503

Ion Ratio Lower Upper

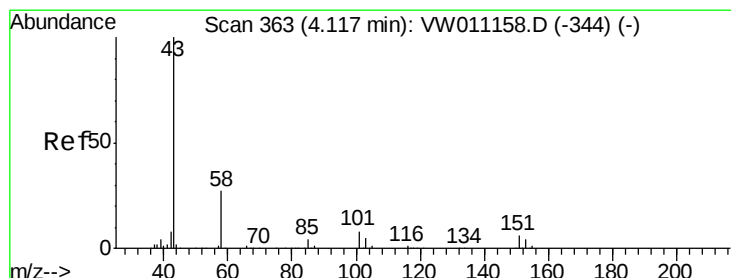
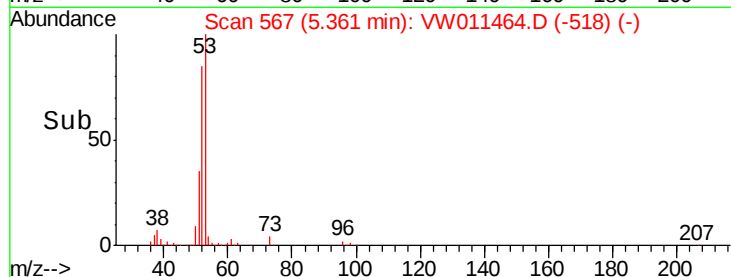
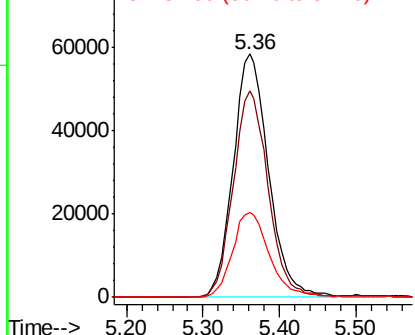
53 100

52 83.8 66.2 99.4

51 36.5 29.1 43.7



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



#16

Acetone

Concen: 290.212 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011464.D

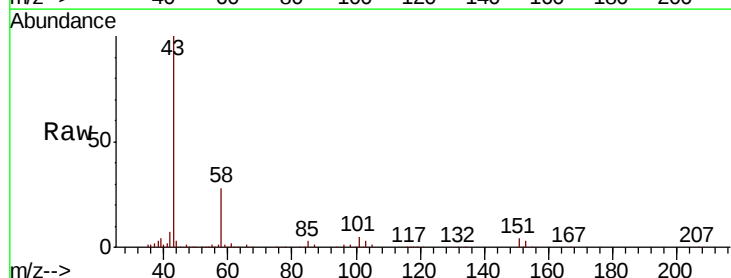
Acq: 24 Jul 2019 10:11

Tgt Ion: 43 Resp: 216017

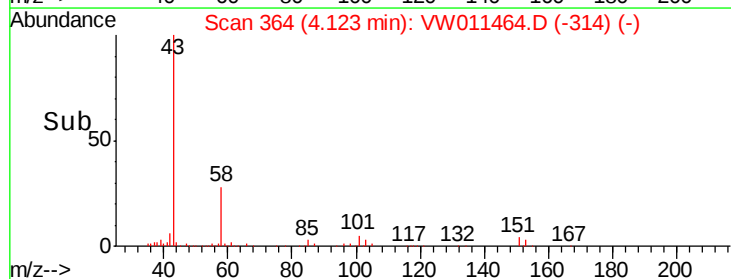
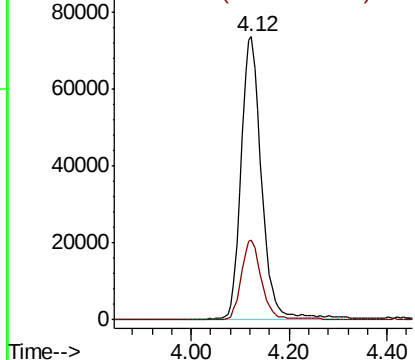
Ion Ratio Lower Upper

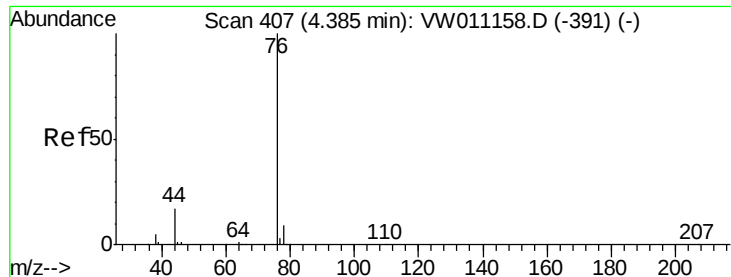
43 100

58 28.1 21.8 32.6



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

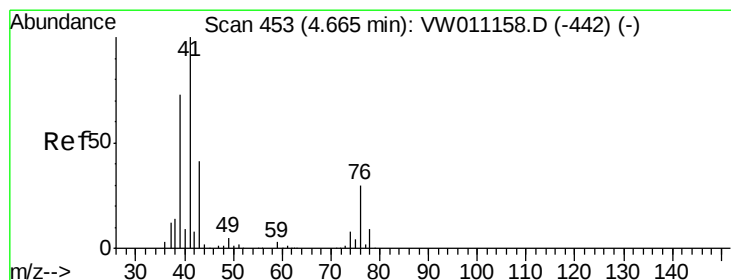
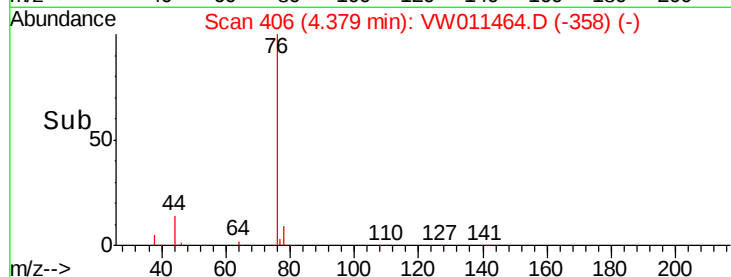
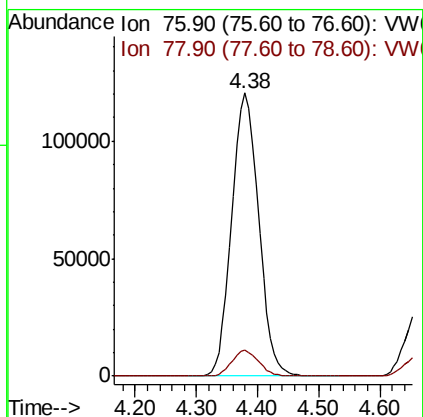
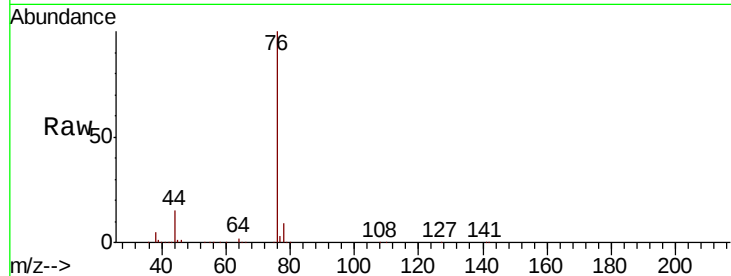




#17
Carbon Disulfide
Concen: 44.257 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

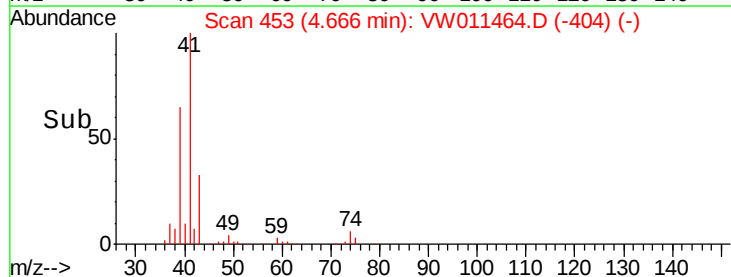
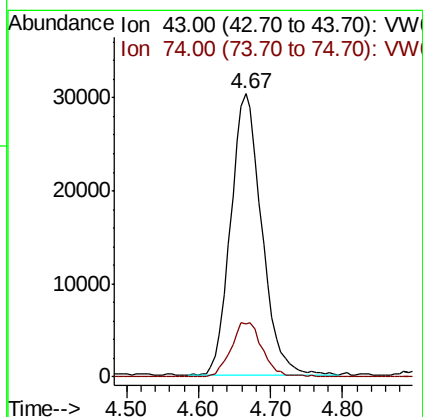
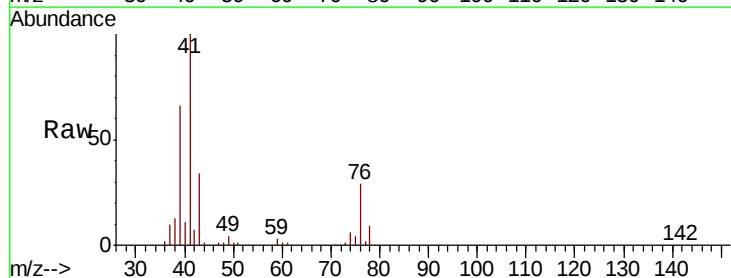
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

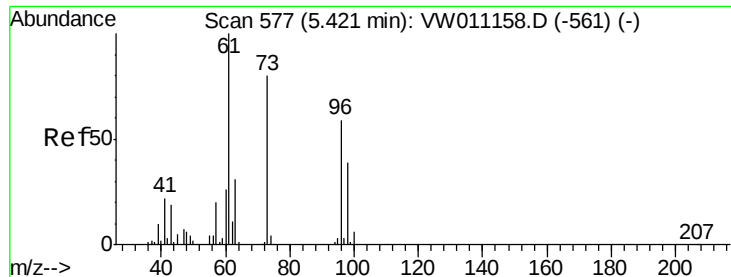
Tgt Ion: 76 Resp: 366959
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 42.865 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion: 43 Resp: 91161
Ion Ratio Lower Upper
43 100
74 19.4 15.7 23.5

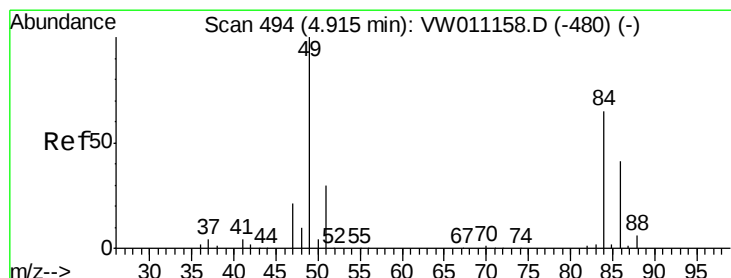
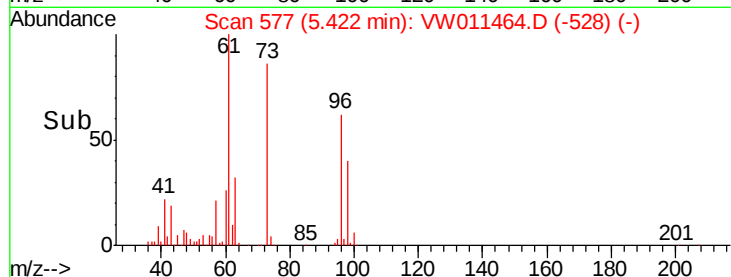
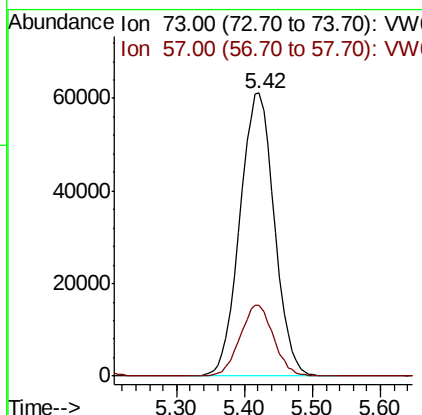
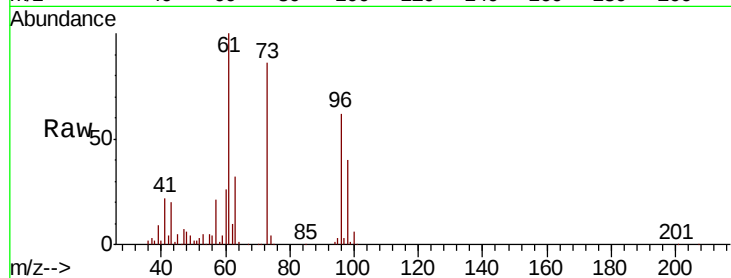




#19
Methyl tert-butyl Ether
Concen: 51.990 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

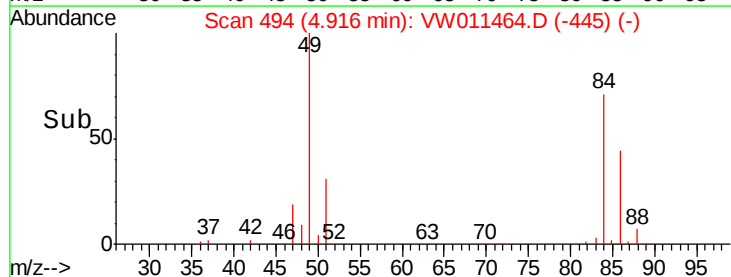
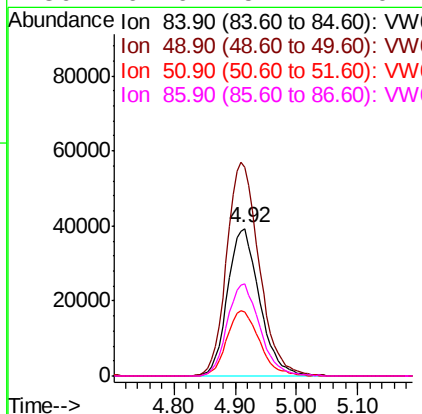
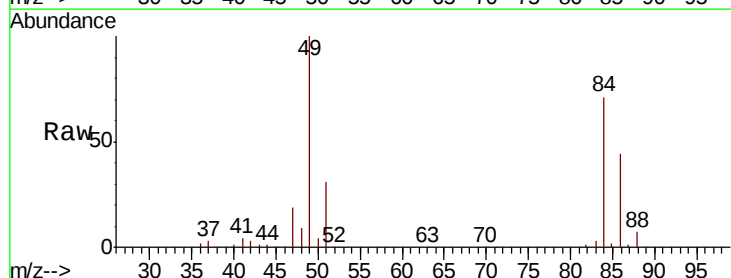
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

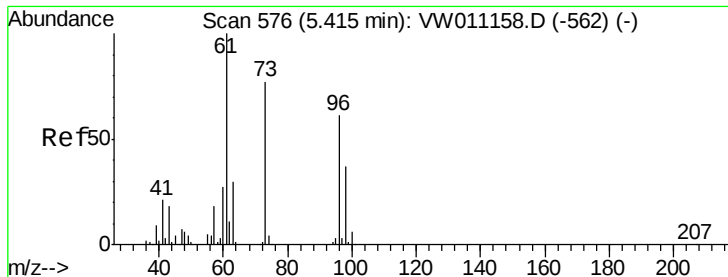
Tgt Ion: 73 Resp: 215751
Ion Ratio Lower Upper
73 100
57 25.0 19.7 29.5



#20
Methylene Chloride
Concen: 48.634 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion: 84 Resp: 142807
Ion Ratio Lower Upper
84 100
49 141.6 123.8 185.6
51 43.4 37.4 56.2
86 62.6 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 48.632 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

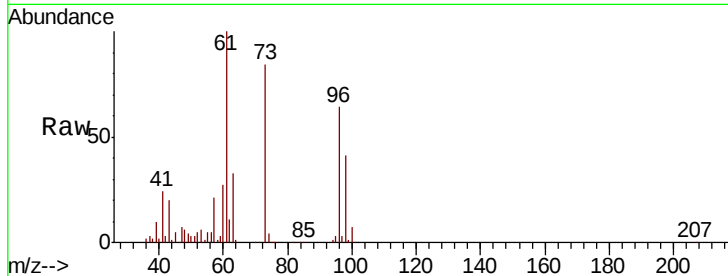
Tgt Ion: 96 Resp: 138208

Ion Ratio Lower Upper

96 100

61 155.4 132.2 198.2

98 64.2 49.4 74.0

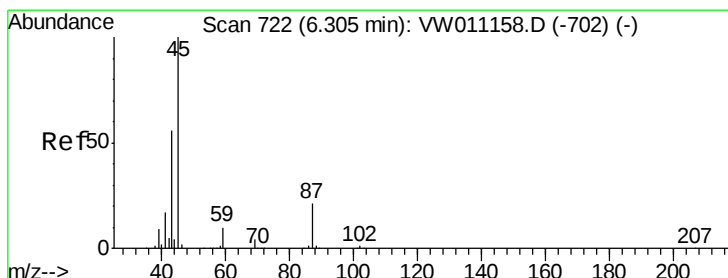
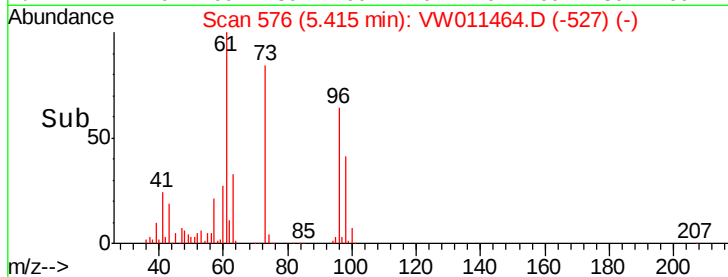
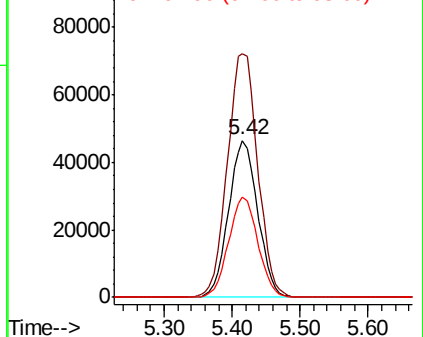


Abundance

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: 49.856 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

Tgt Ion: 45 Resp: 534805

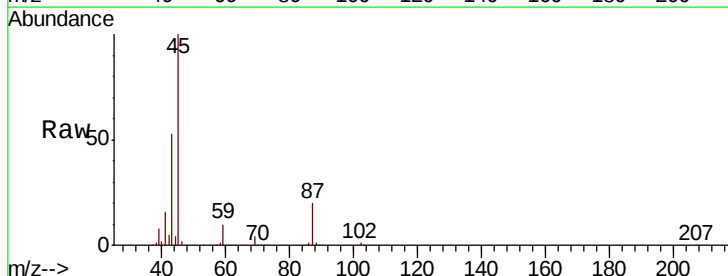
Ion Ratio Lower Upper

45 100

43 52.7 44.6 66.8

87 20.2 17.3 25.9

59 10.2 8.2 12.2



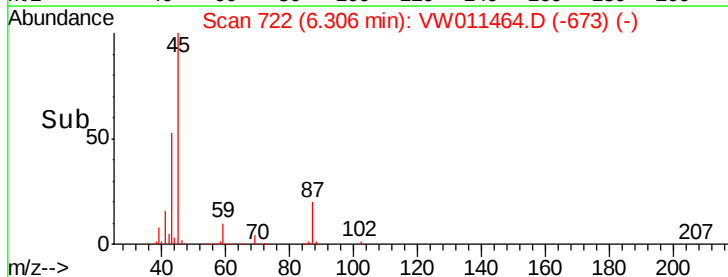
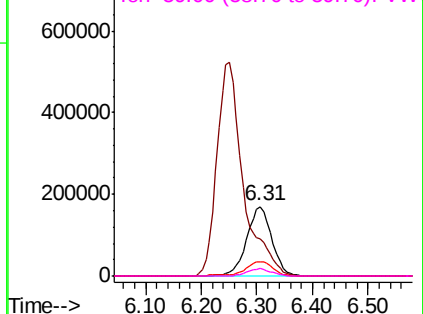
Abundance

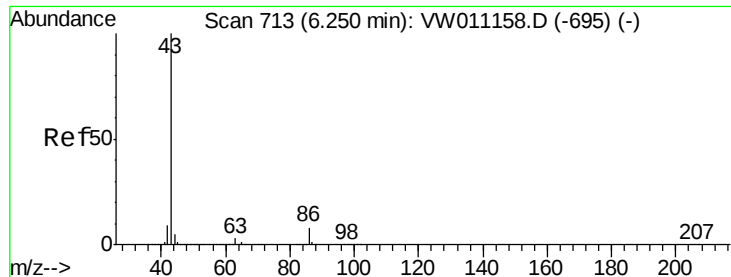
Ion 45.00 (44.70 to 45.70): VW

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: 257.877 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

Instrument :

MSVOA_W

ClientSampleId :

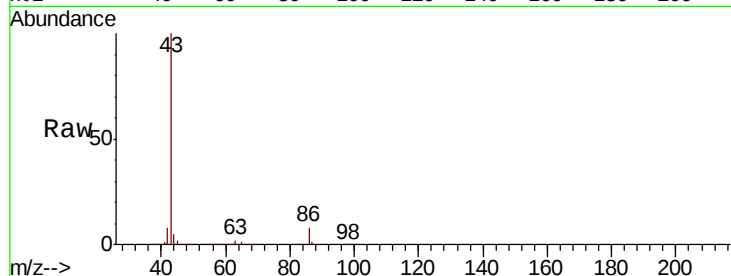
VSTDCCC050

Tgt Ion: 43 Resp: 1711933

Ion Ratio Lower Upper

43 100

86 8.5 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

500000

400000

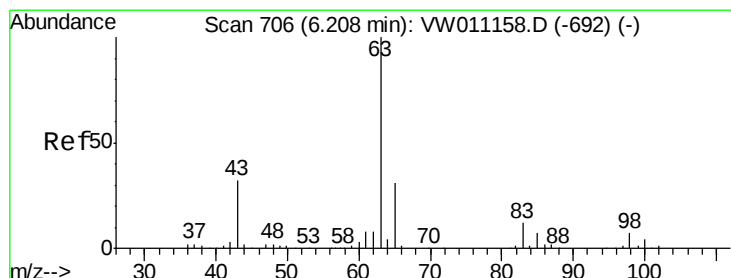
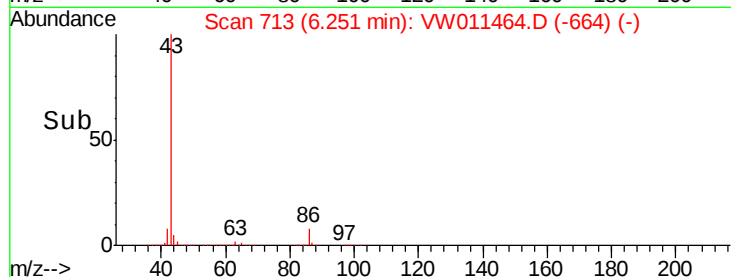
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.029 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

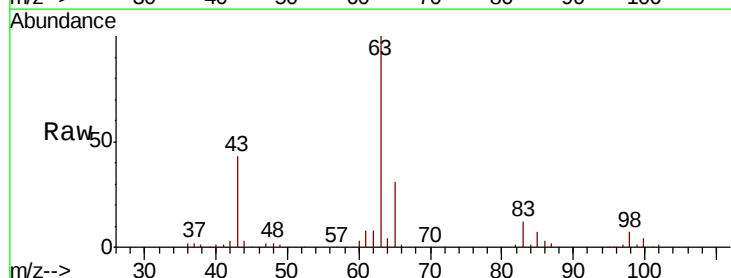
Tgt Ion: 63 Resp: 281804

Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.9

100 3.7 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

120000

100000

80000

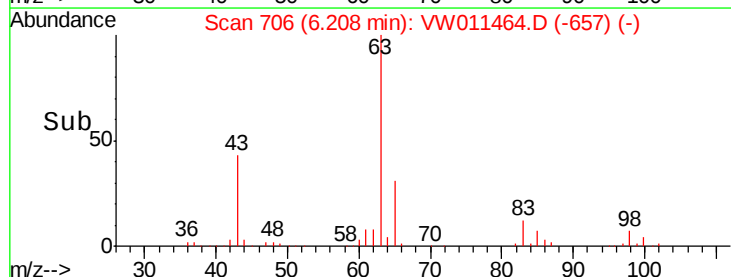
60000

40000

20000

0

Time-->

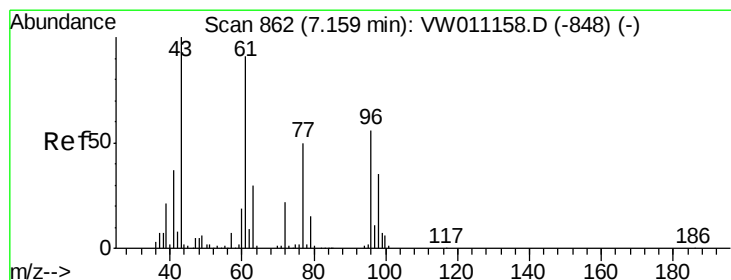
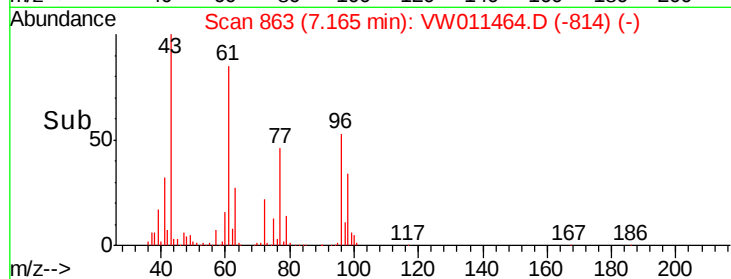
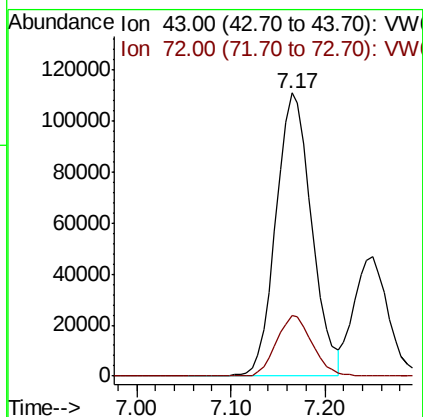
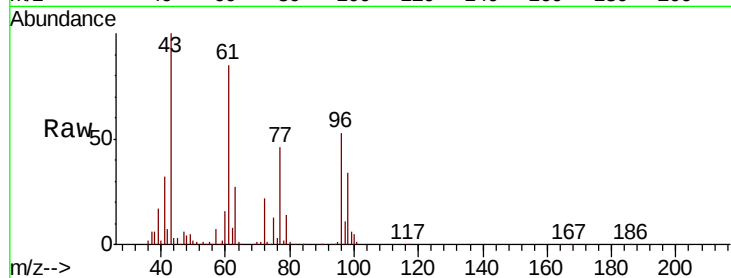




#25
2-Butanone
Concen: 250.317 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

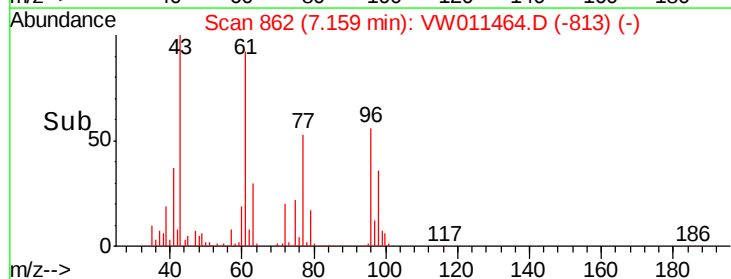
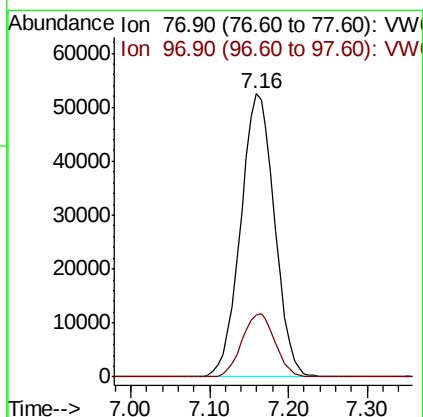
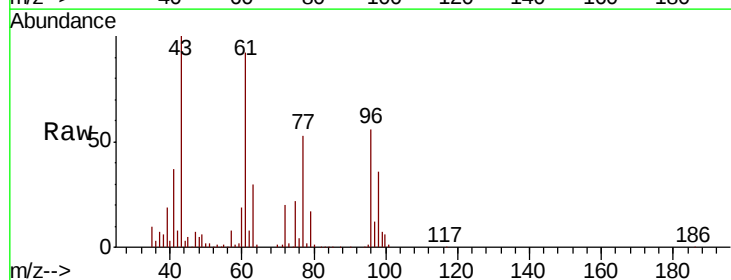
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 292476
Ion Ratio Lower Upper
43 100
72 21.6 17.6 26.4



#26
2,2-Dichloropropane
Concen: 53.637 ug/l
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion: 77 Resp: 157051
Ion Ratio Lower Upper
77 100
97 21.7 11.2 33.5



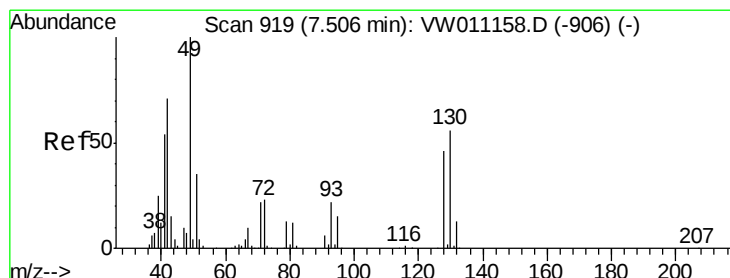
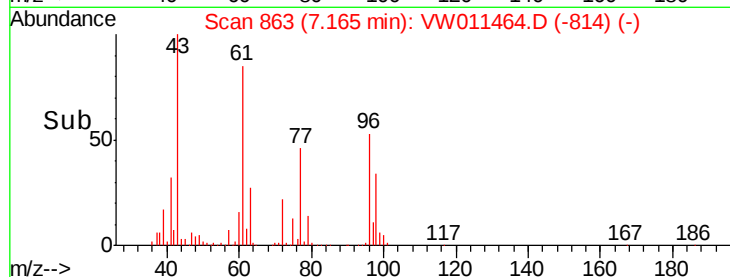
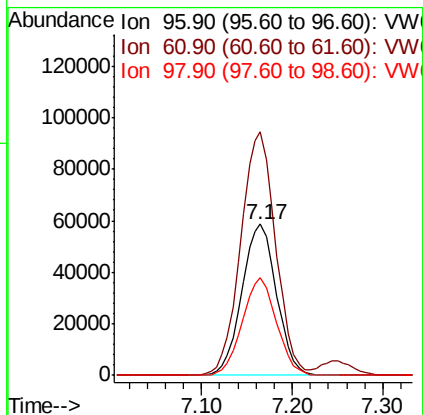
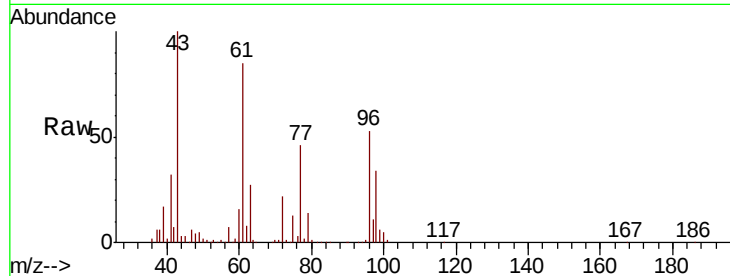


#27

cis-1,2-Dichloroethene
Concen: 50.478 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

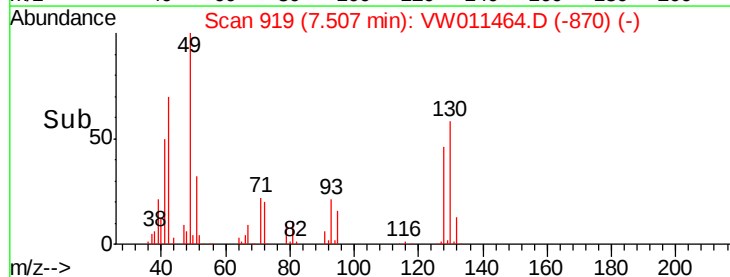
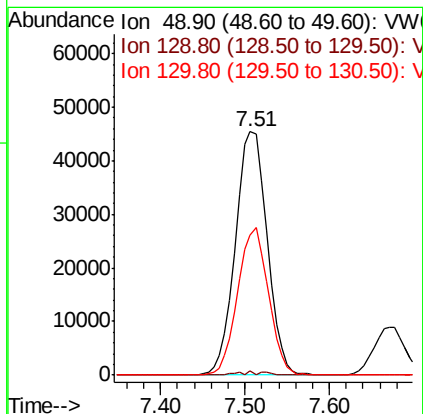
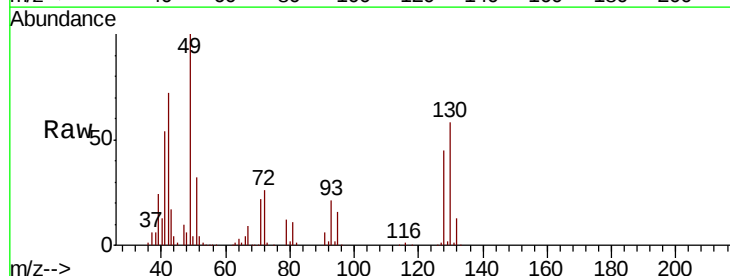
Tgt Ion: 96 Resp: 154746
Ion Ratio Lower Upper
96 100
61 162.5 0.0 325.6
98 63.6 0.0 128.2

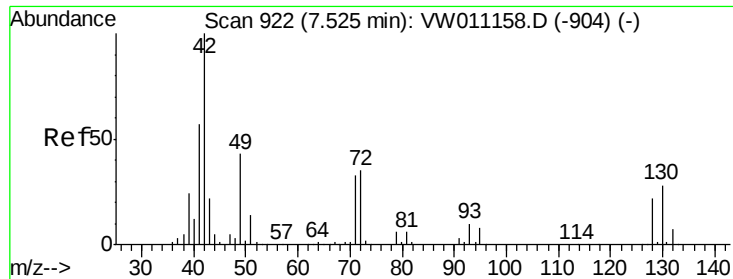


#28

Bromochloromethane
Concen: 45.201 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion: 49 Resp: 115771
Ion Ratio Lower Upper
49 100
129 0.2 0.0 1.4
130 58.6 45.8 68.8

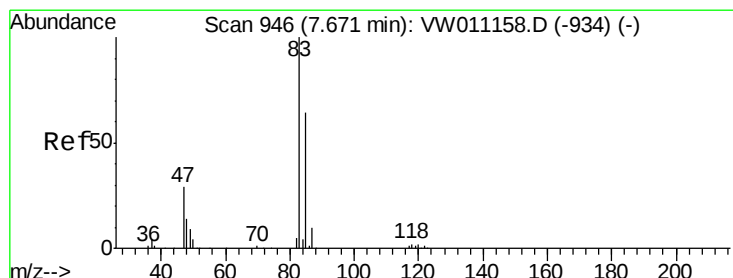
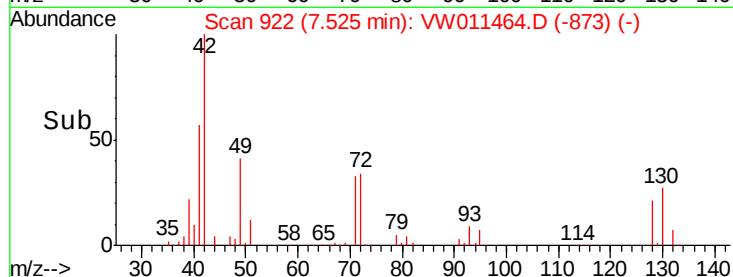
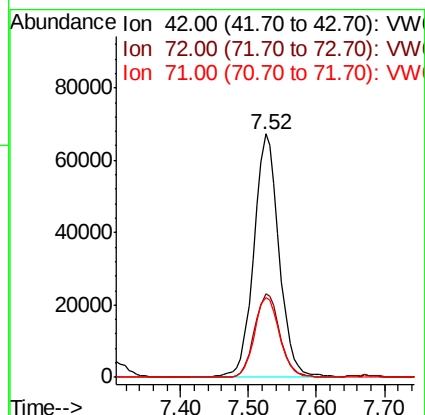
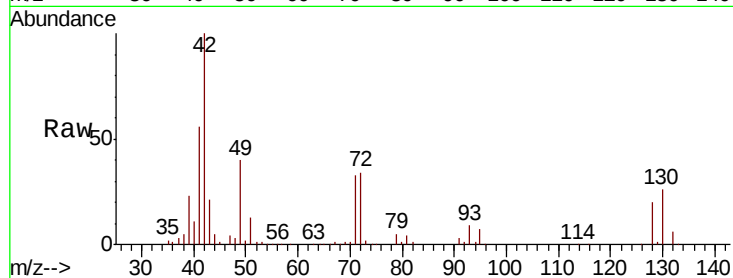




#29
Tetrahydrofuran
Concen: 227.264 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

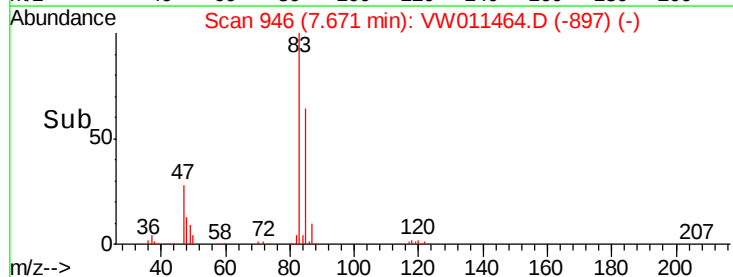
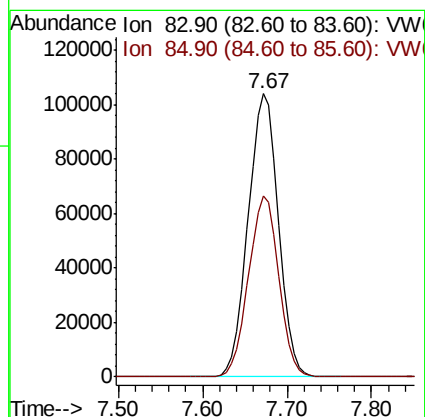
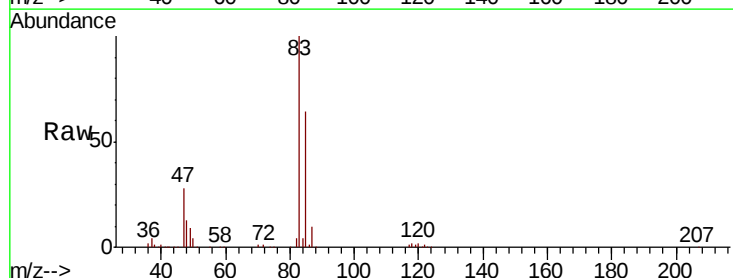
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

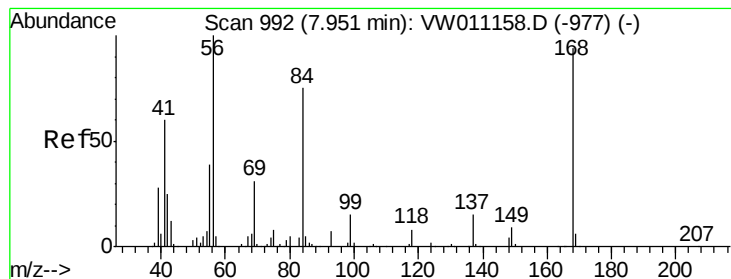
Tgt Ion: 42 Resp: 174117
Ion Ratio Lower Upper
42 100
72 34.7 27.4 41.2
71 32.7 25.9 38.9



#30
Chloroform
Concen: 48.768 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion: 83 Resp: 254405
Ion Ratio Lower Upper
83 100
85 64.1 51.4 77.2





#31

Cyclohexane

Concen: 44.609 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

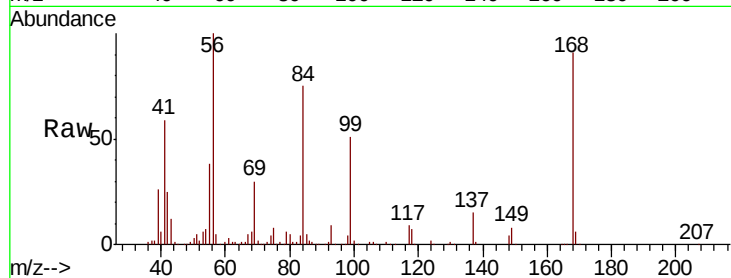
Tgt Ion: 56 Resp: 267319

Ion Ratio Lower Upper

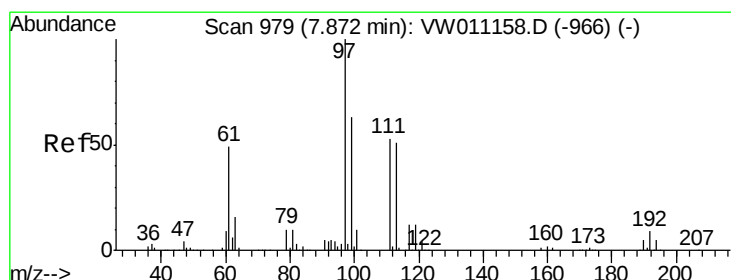
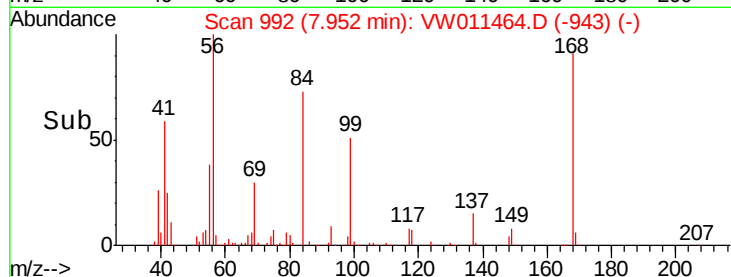
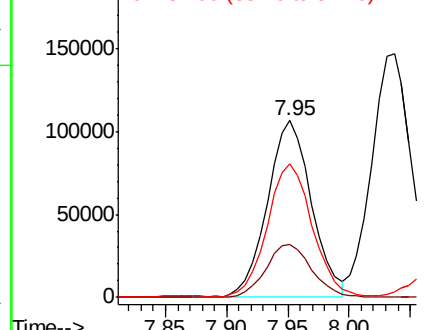
56 100

69 30.1 24.6 36.8

84 74.1 60.1 90.1



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: 49.259 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

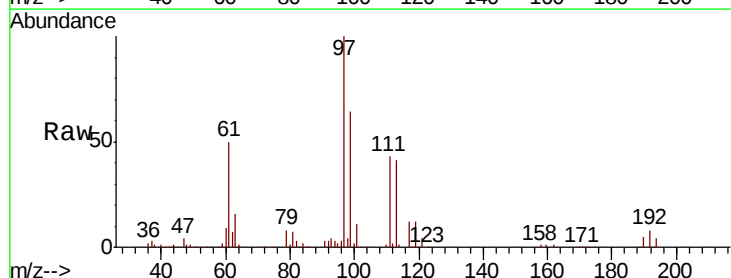
Tgt Ion: 97 Resp: 195472

Ion Ratio Lower Upper

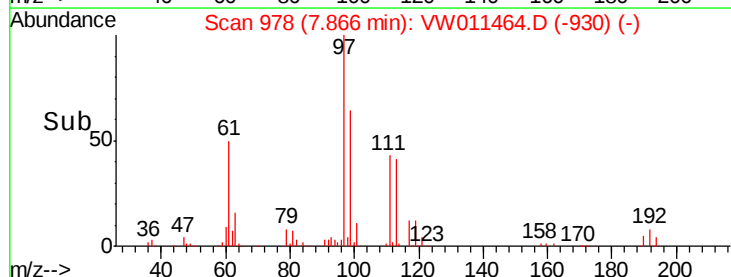
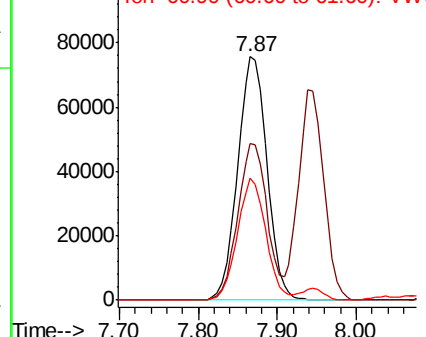
97 100

99 65.0 51.0 76.4

61 48.6 40.4 60.6



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: 44.750 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

Instrument :

MSVOA_W

ClientSampleId :

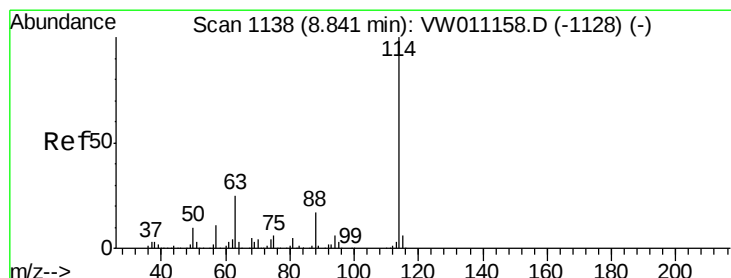
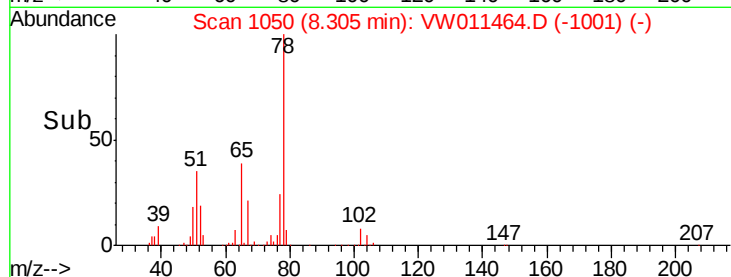
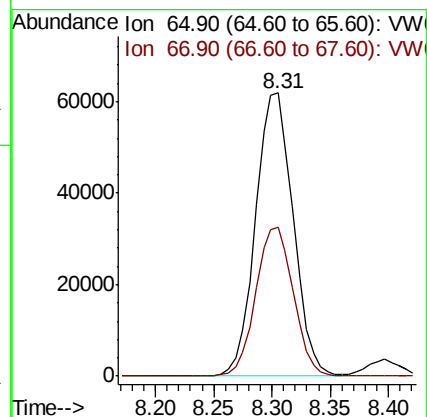
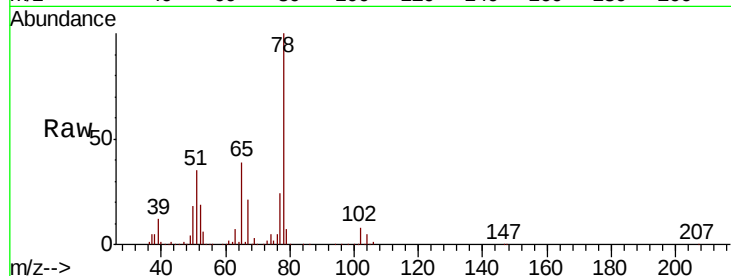
VSTDCCC050

Tgt Ion: 65 Resp: 138436

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

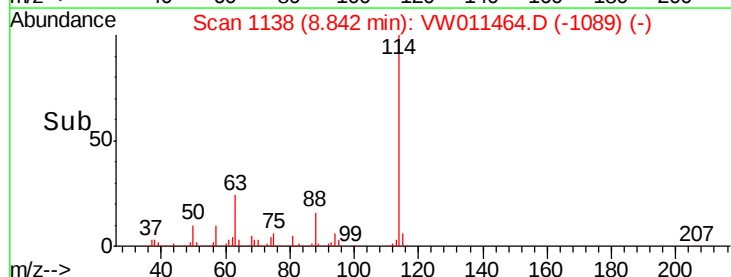
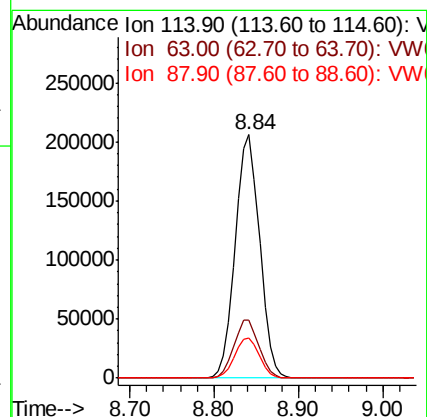
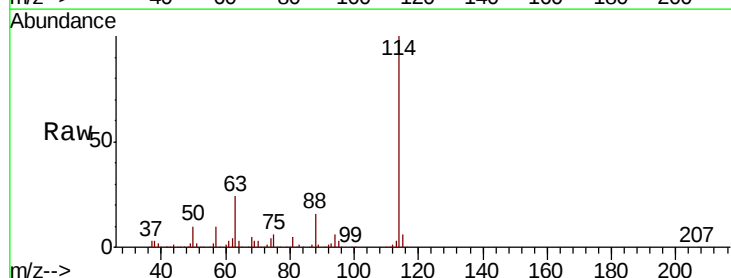
Tgt Ion: 114 Resp: 404491

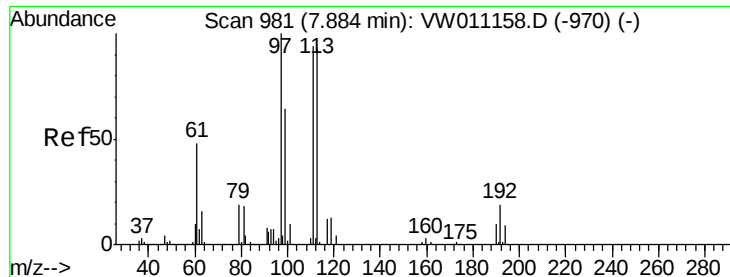
Ion Ratio Lower Upper

114 100

63 24.0 0.0 50.8

88 16.2 0.0 34.2

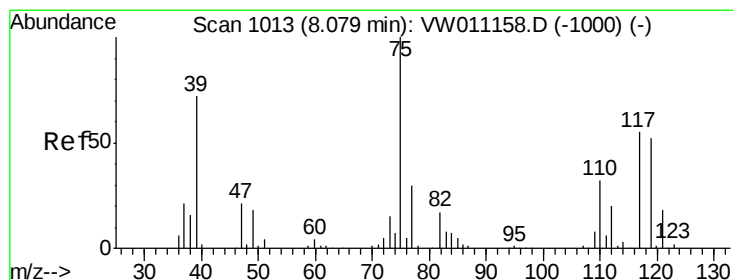
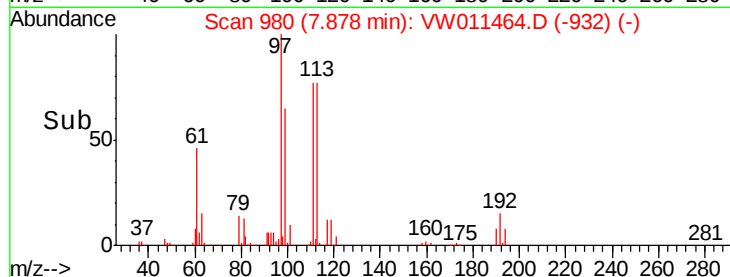
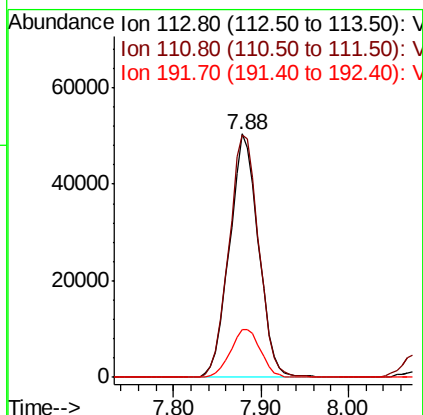
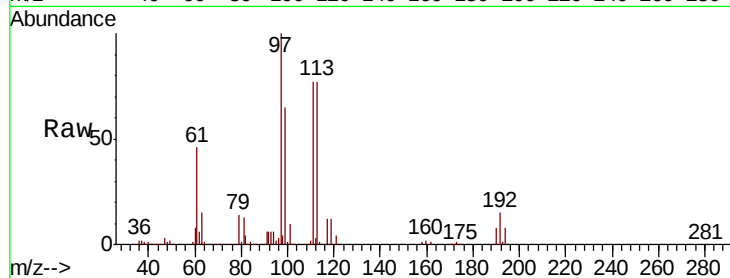




#35
 Dibromofluoromethane
 Concen: 48.196 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011464.D
 Acq: 24 Jul 2019 10:11

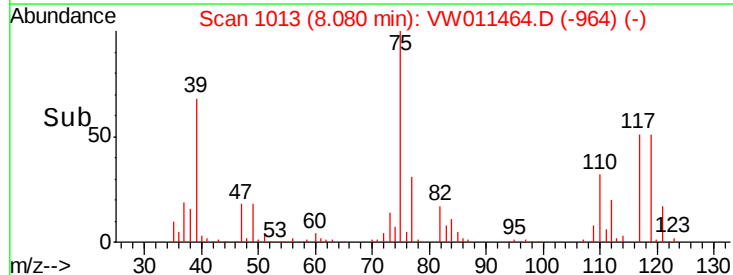
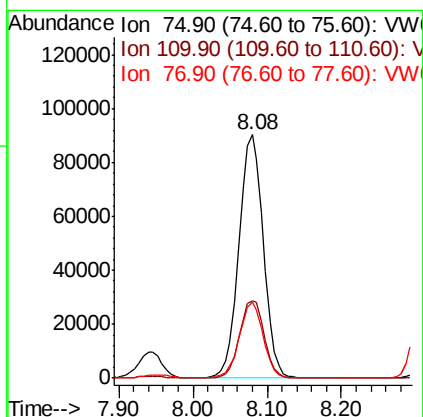
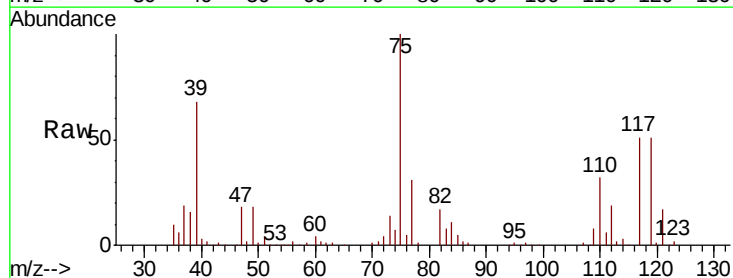
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

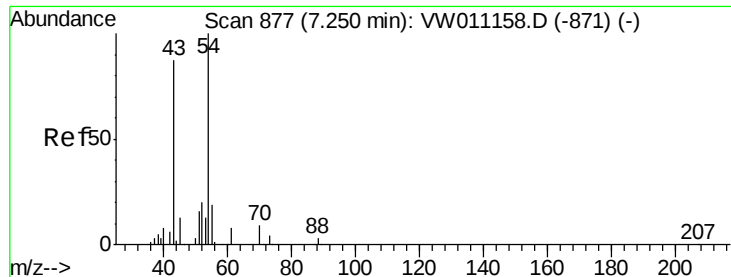
Tgt Ion: 113 Resp: 116198
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.4 123.6
 192 20.5 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 48.206 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW011464.D
 Acq: 24 Jul 2019 10:11

Tgt Ion: 75 Resp: 207645
 Ion Ratio Lower Upper
 75 100
 110 32.2 15.9 47.6
 77 30.7 24.6 36.8

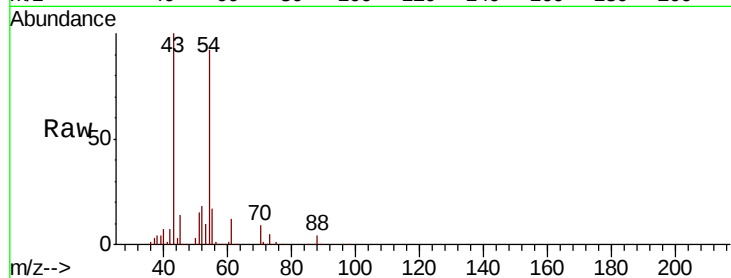




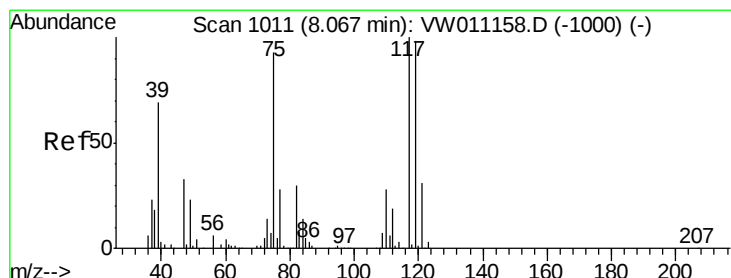
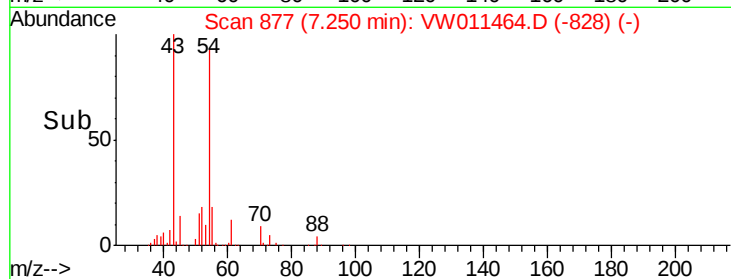
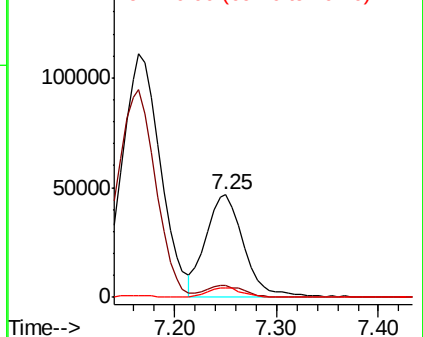
#37
Ethyl Acetate
Concen: 46.273 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 119755
Ion Ratio Lower Upper
43 100
61 11.5 9.5 14.3
70 9.1 7.1 10.7

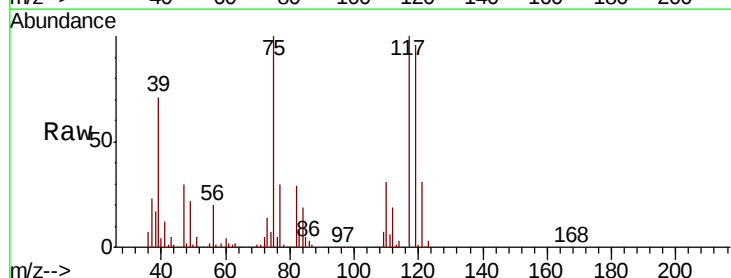


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

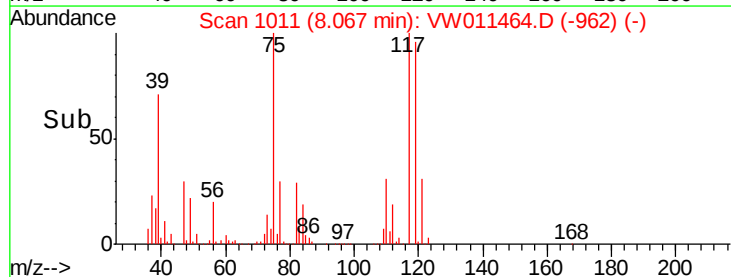
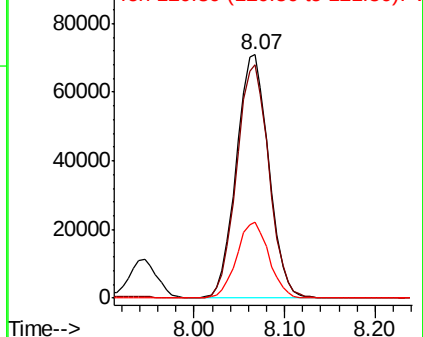


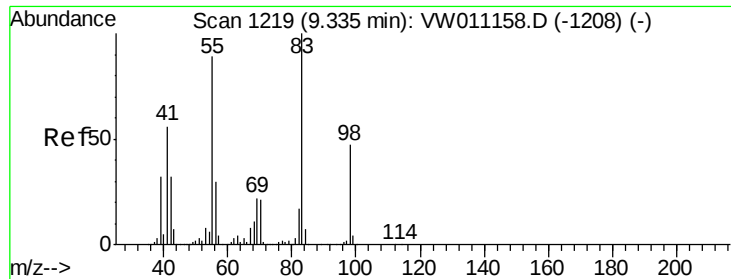
#38
Carbon Tetrachloride
Concen: 48.249 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion: 117 Resp: 176181
Ion Ratio Lower Upper
117 100
119 95.9 78.1 117.1
121 31.4 25.1 37.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

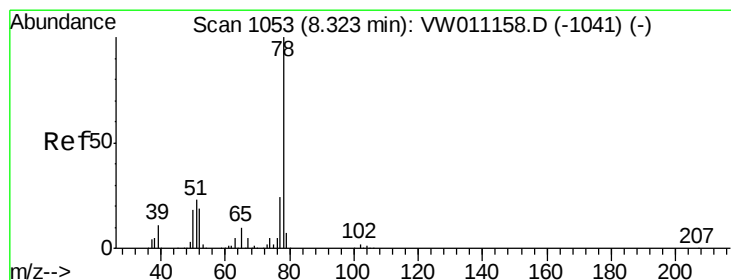
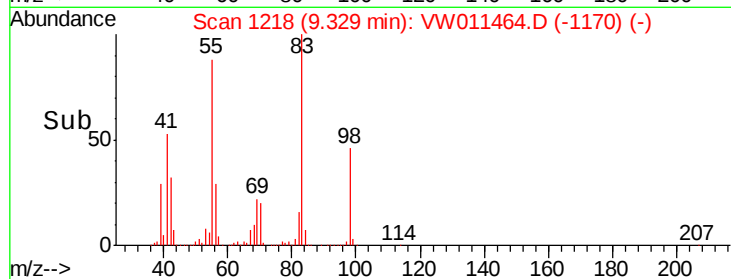
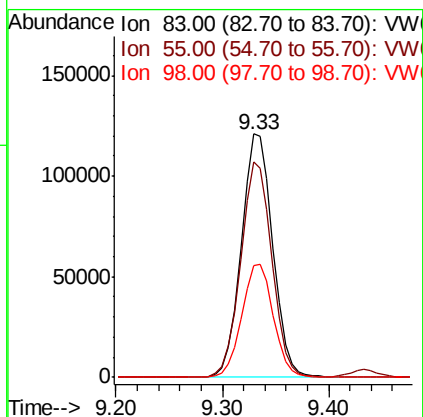
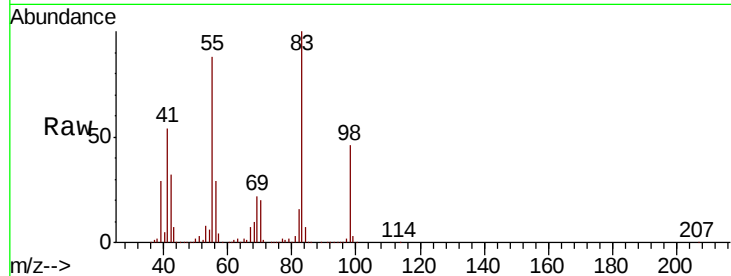




#39
Methylcyclohexane
Concen: 48.073 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

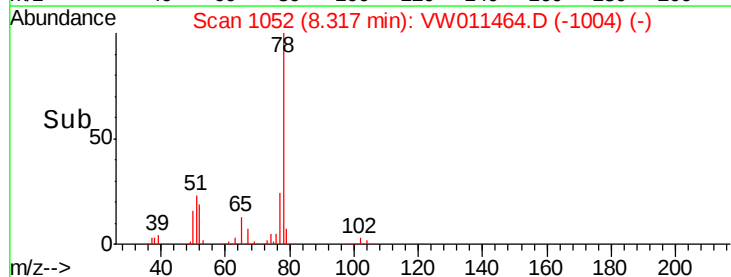
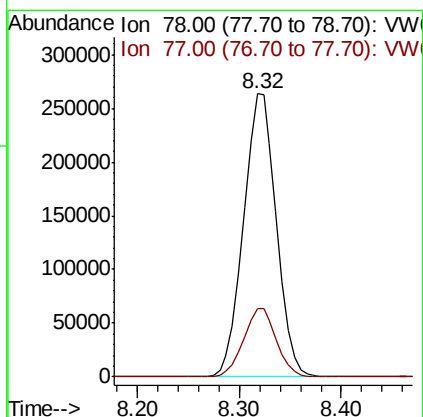
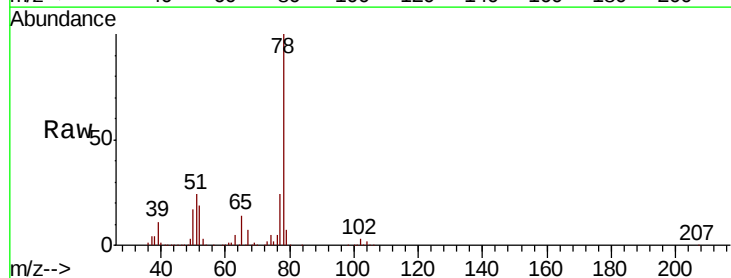
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

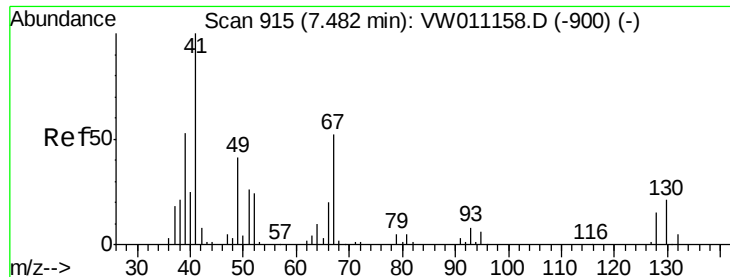
Tgt Ion: 83 Resp: 250982
Ion Ratio Lower Upper
83 100
55 88.4 71.2 106.8
98 46.0 37.5 56.3



#40
Benzene
Concen: 49.488 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion: 78 Resp: 589110
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.6

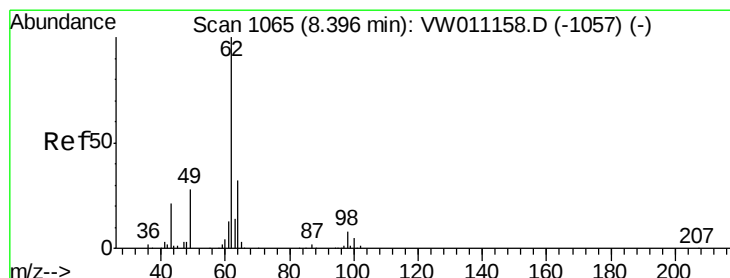
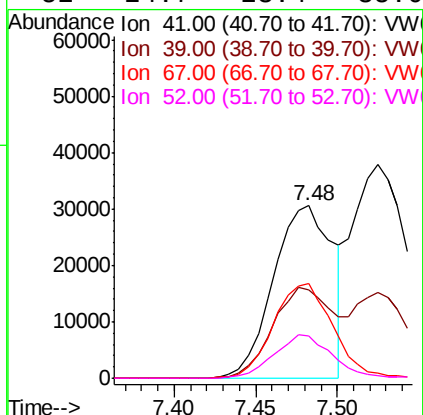
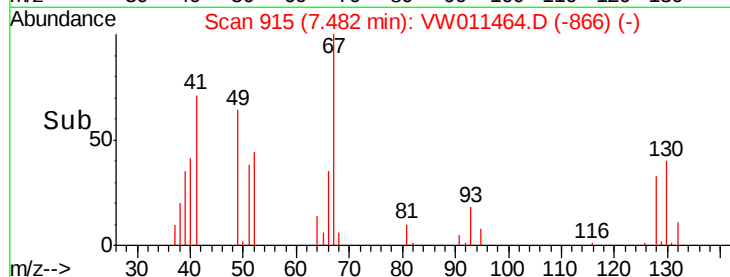
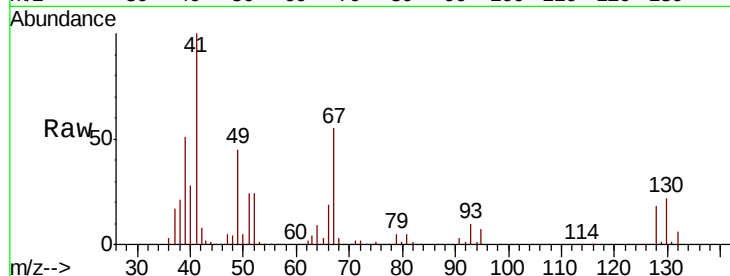




#41
Methacrylonitrile
Concen: 52.157 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

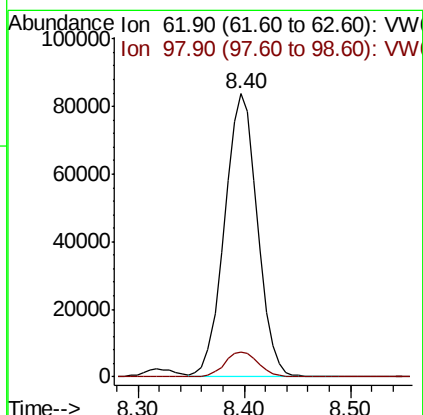
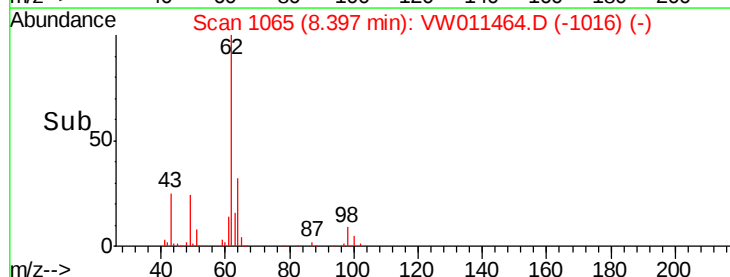
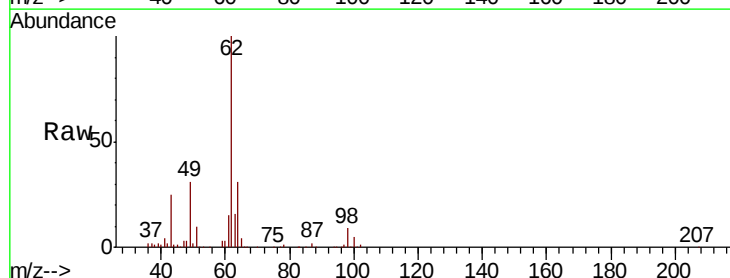
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

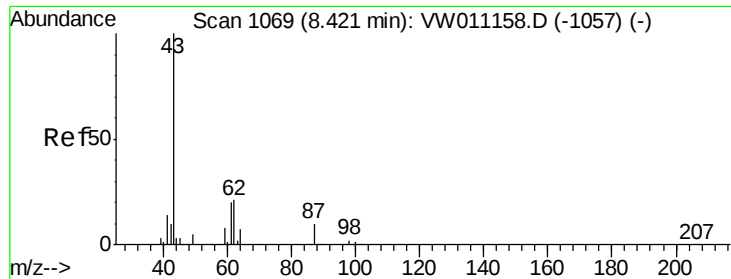
Tgt Ion: 41 Resp: 77202
Ion Ratio Lower Upper
41 100
39 57.5 48.0 72.0
67 55.0 49.7 74.5
52 24.7 23.4 35.0



#42
1,2-Dichloroethane
Concen: 46.724 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion: 62 Resp: 180431
Ion Ratio Lower Upper
62 100
98 9.1 0.0 16.8

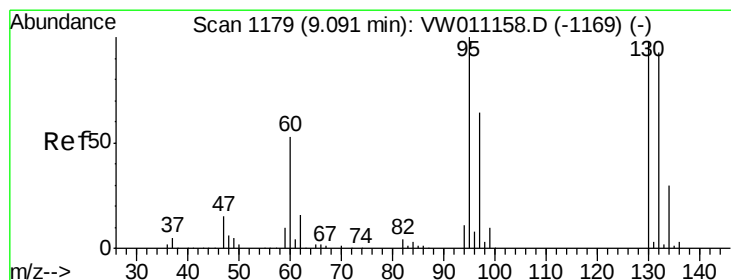
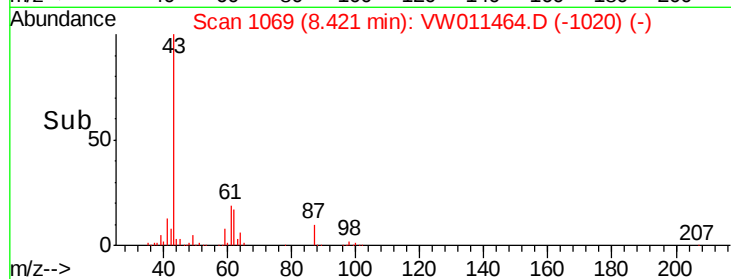
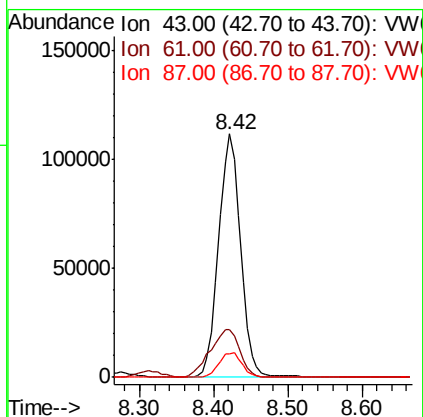
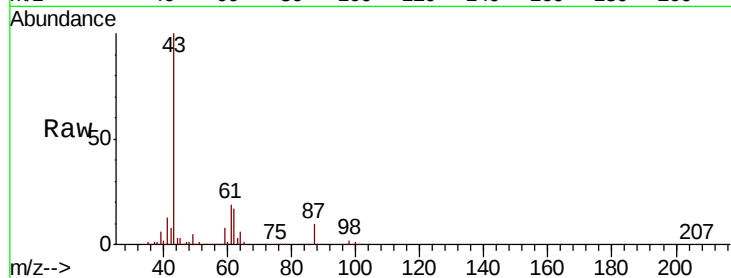




#43
Isopropyl Acetate
Concen: 46.676 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

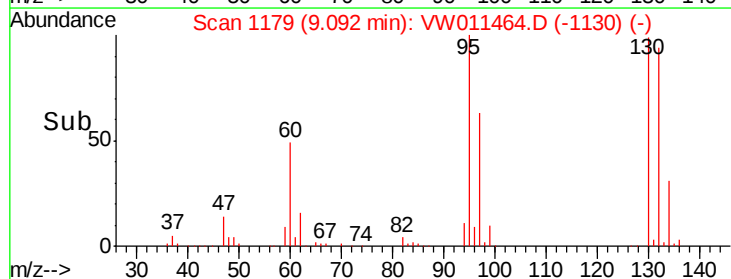
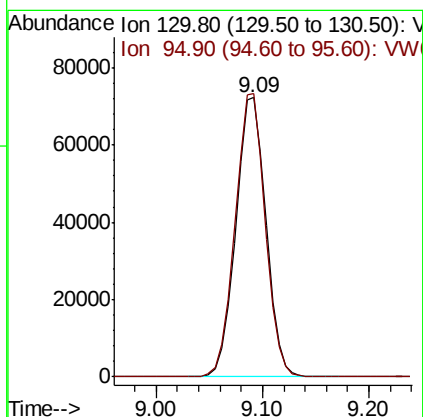
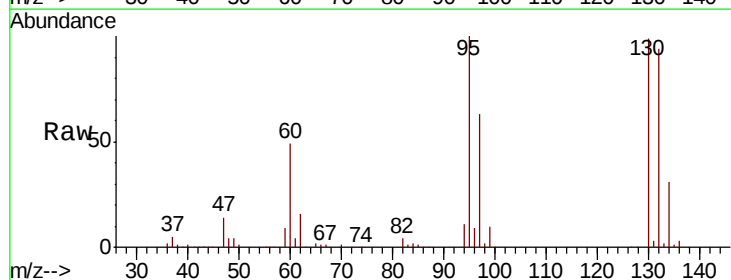
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 228066
Ion Ratio Lower Upper
43 100
61 26.5 20.7 31.1
87 10.7 8.1 12.1



#44
Trichloroethene
Concen: 50.156 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion: 130 Resp: 143677
Ion Ratio Lower Upper
130 100
95 101.4 0.0 203.6

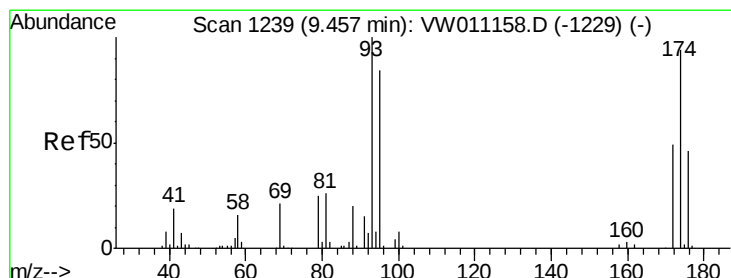
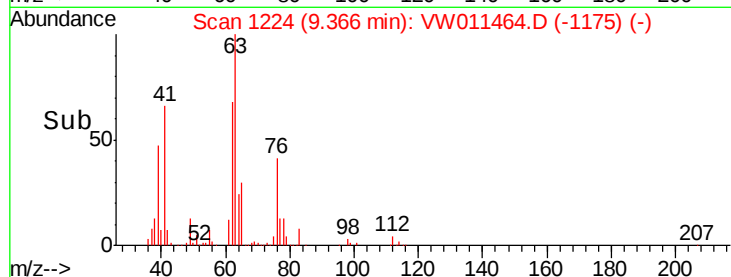
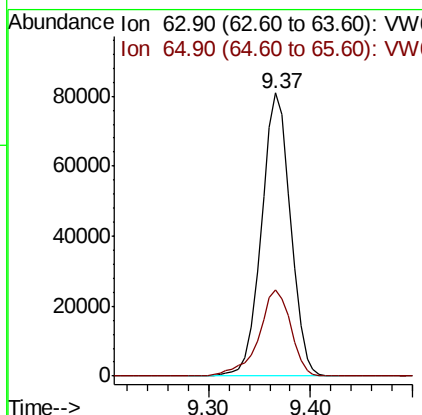
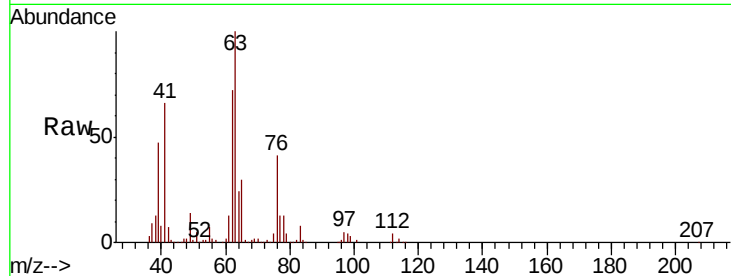




#45
 1,2-Dichloropropane
 Concen: 49.619 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW011464.D
 Acq: 24 Jul 2019 10:11

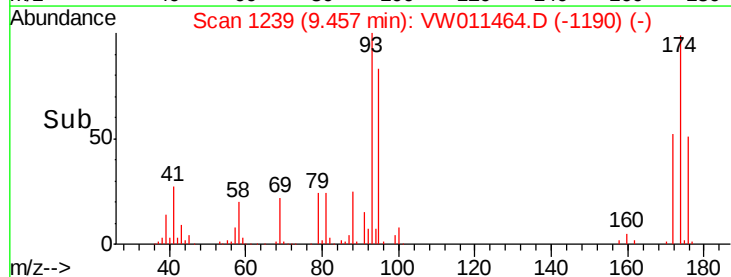
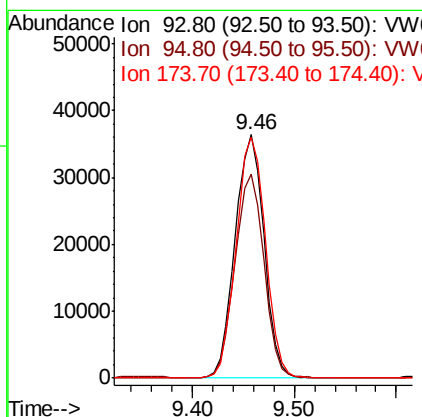
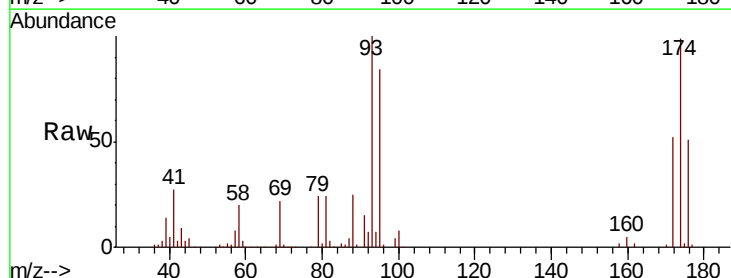
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

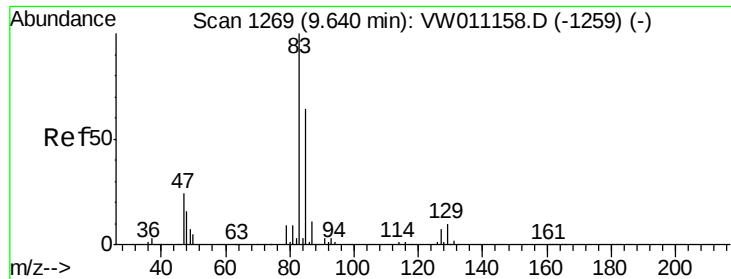
Tgt Ion: 63 Resp: 159950
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.4 36.6



#46
 Dibromomethane
 Concen: 47.297 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW011464.D
 Acq: 24 Jul 2019 10:11

Tgt Ion: 93 Resp: 71621
 Ion Ratio Lower Upper
 93 100
 95 84.0 67.2 100.8
 174 100.1 76.3 114.5

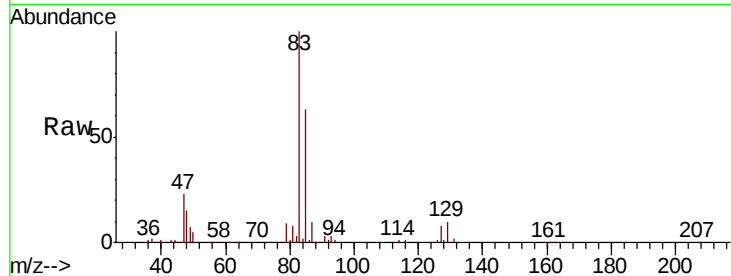




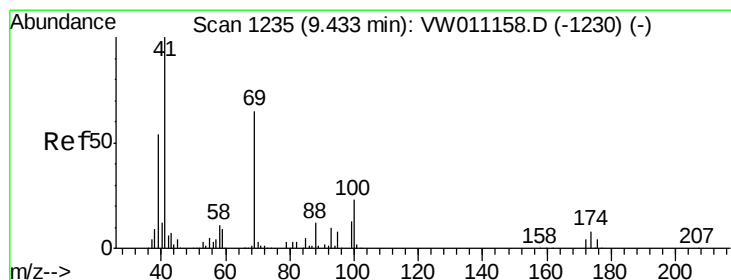
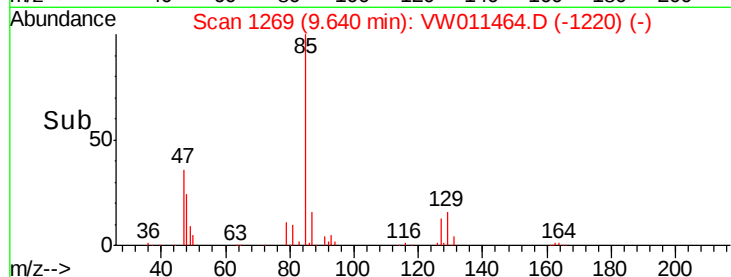
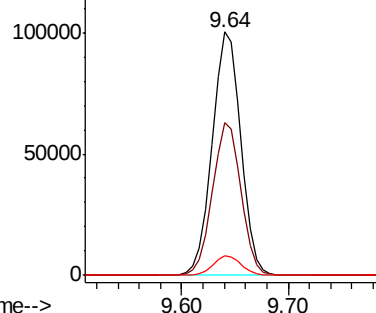
#47
 Bromodichloromethane
 Concen: 48.941 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VW011464.D
 Acq: 24 Jul 2019 10:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 83 Resp: 189624
 Ion Ratio Lower Upper
 83 100
 85 62.7 51.0 76.4
 127 8.1 6.0 9.0

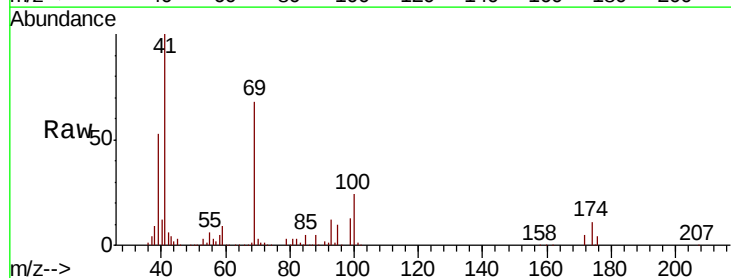


Abundance Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 126.80 (126.50 to 127.50): VW

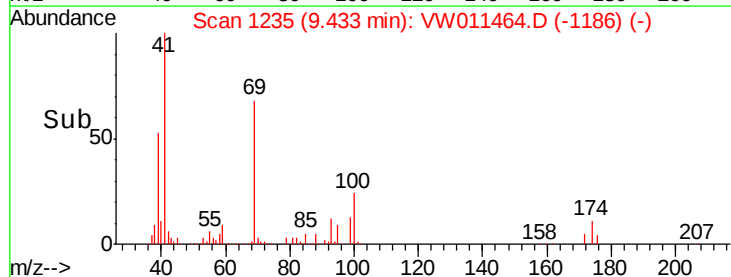
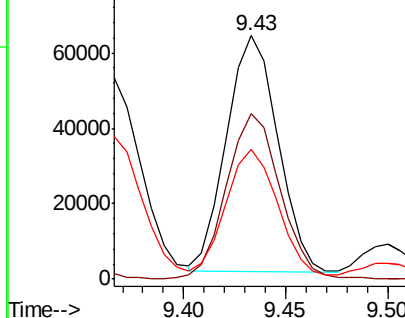


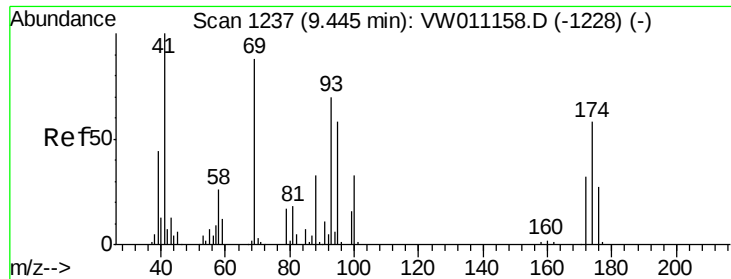
#48
 Methyl methacrylate
 Concen: 46.681 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VW011464.D
 Acq: 24 Jul 2019 10:11

Tgt Ion: 41 Resp: 109733
 Ion Ratio Lower Upper
 41 100
 69 73.4 56.0 84.0
 39 53.2 43.5 65.3



Abundance Ion 41.00 (40.70 to 41.70): VW
 Ion 69.00 (68.70 to 69.70): VW
 Ion 39.00 (38.70 to 39.70): VW

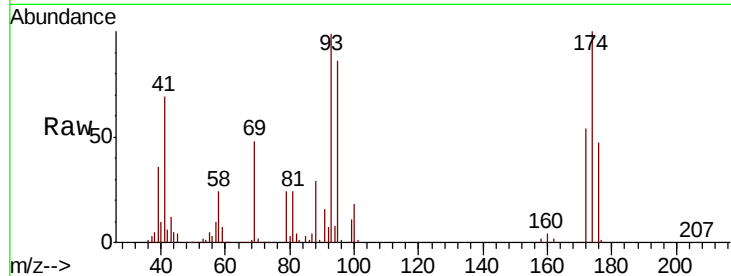




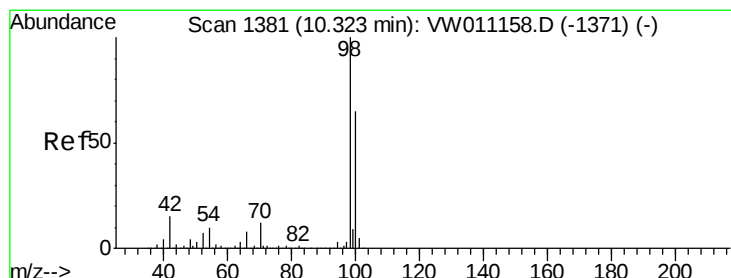
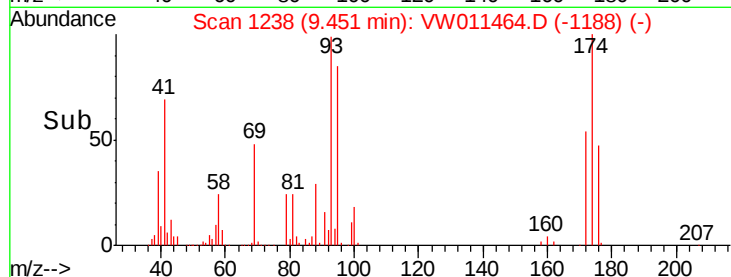
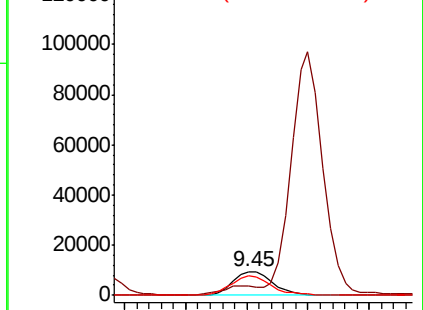
#49
1,4-Dioxane
Concen: 852.546 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 21549
Ion Ratio Lower Upper
88 100
43 37.9 33.4 50.0
58 86.2 64.5 96.7

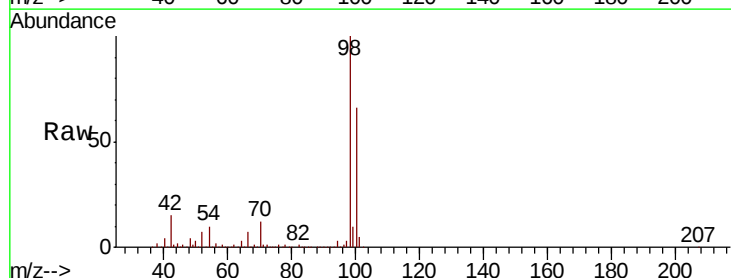


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

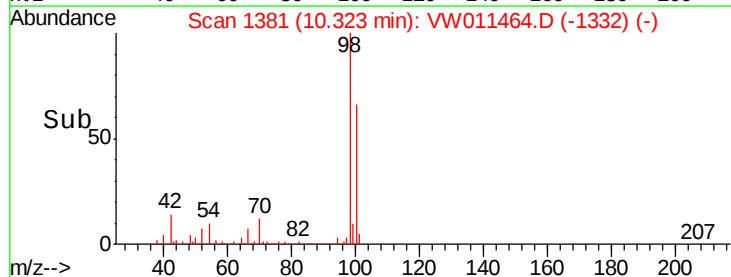
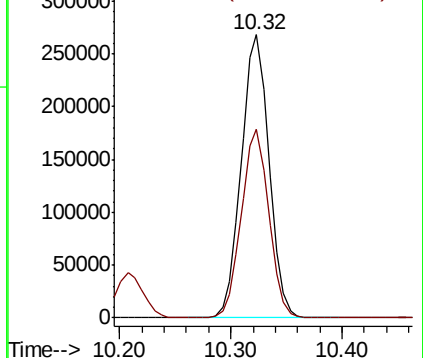


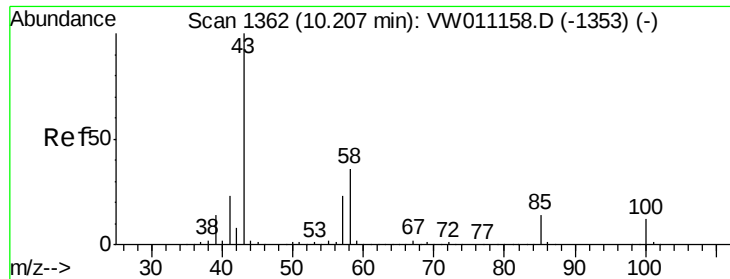
#50
Toluene-d8
Concen: 47.527 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion: 98 Resp: 463166
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6



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: 231.735 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

Instrument :

MSVOA_W

ClientSampleId :

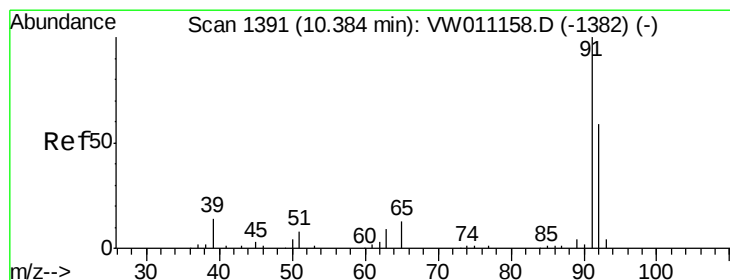
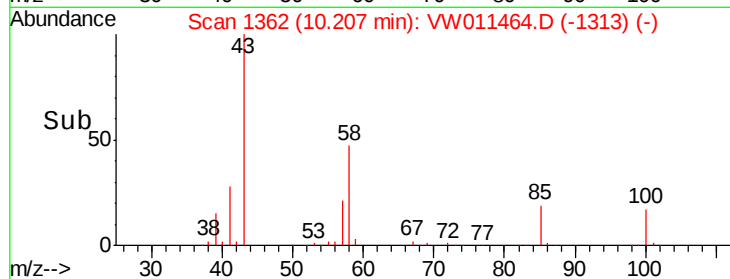
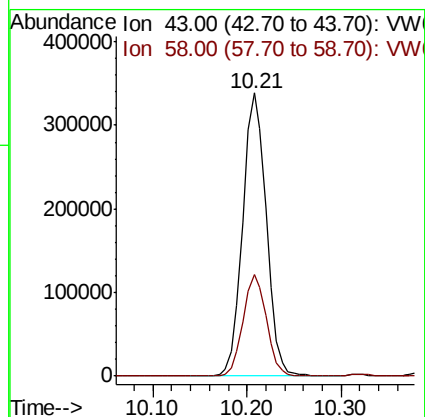
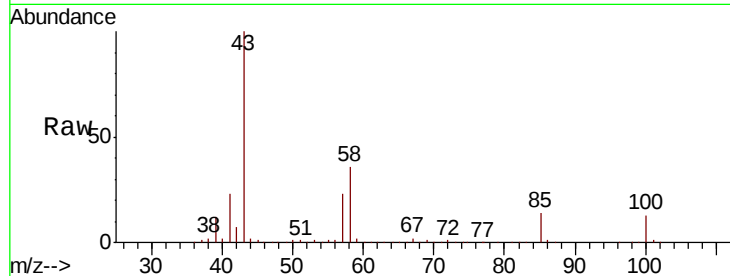
VSTDCCC050

Tgt Ion: 43 Resp: 591481

Ion Ratio Lower Upper

43 100

58 35.5 28.2 42.2



#52

Toluene

Concen: 50.073 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW011464.D

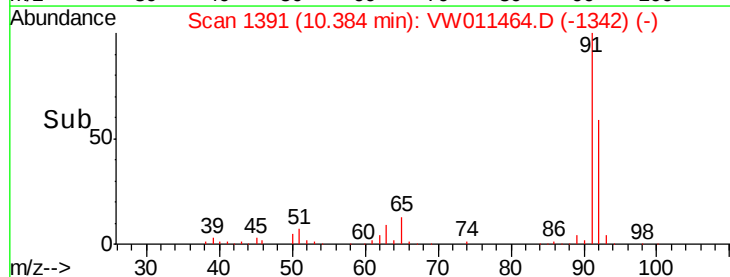
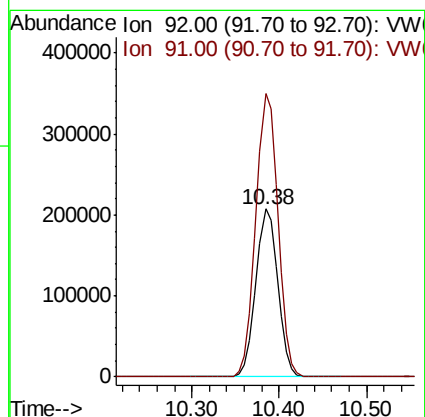
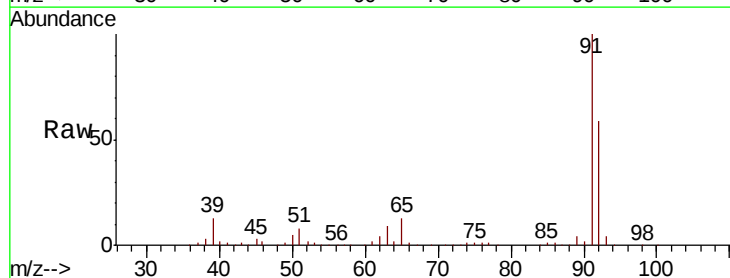
Acq: 24 Jul 2019 10:11

Tgt Ion: 92 Resp: 361584

Ion Ratio Lower Upper

92 100

91 170.5 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 48.317 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

Instrument :

MSVOA_W

ClientSampled :

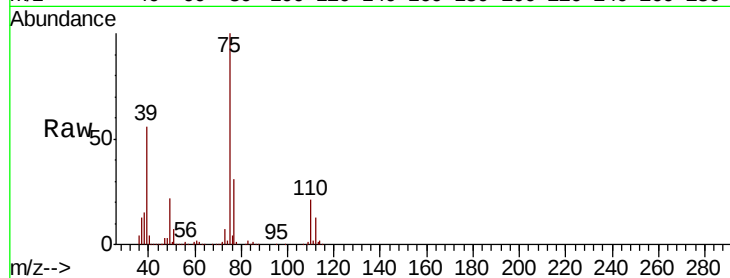
VSTDCCC050

Tgt Ion: 75 Resp: 199271

Ion Ratio Lower Upper

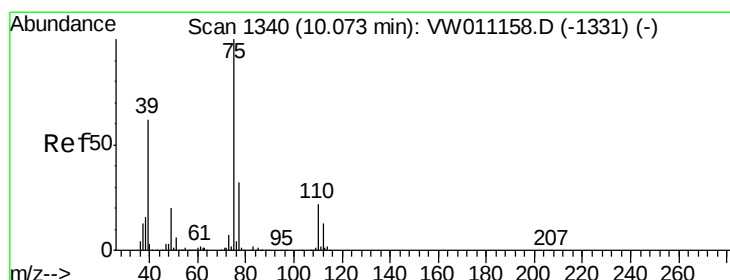
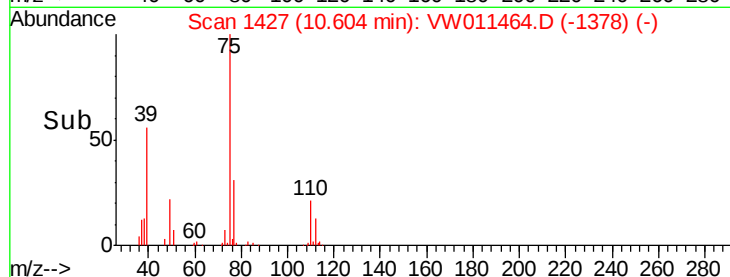
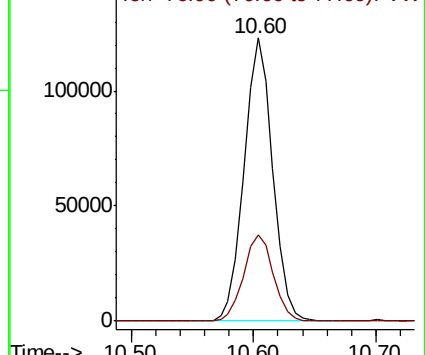
75 100

77 30.6 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 49.290 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

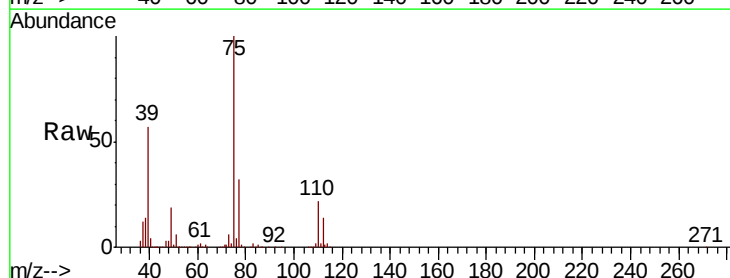
Tgt Ion: 75 Resp: 239273

Ion Ratio Lower Upper

75 100

77 32.3 25.7 38.5

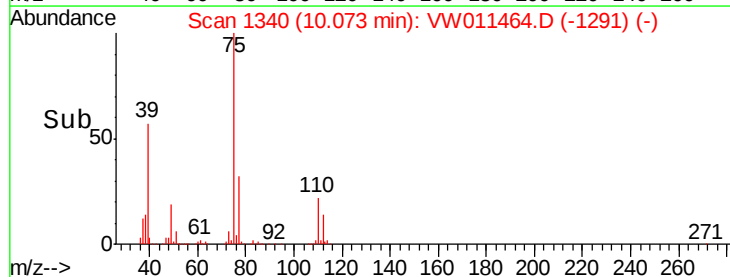
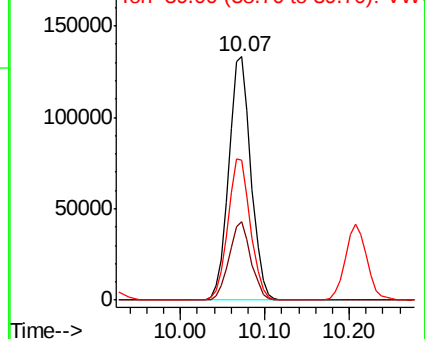
39 57.3 49.8 74.8

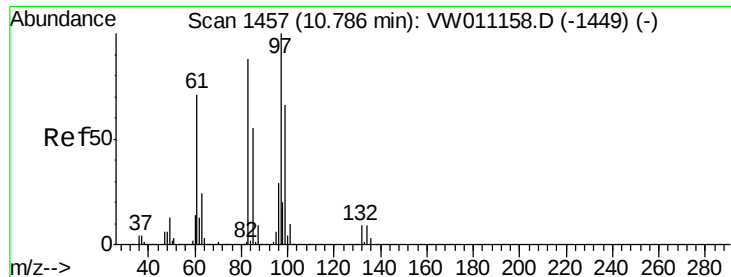


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

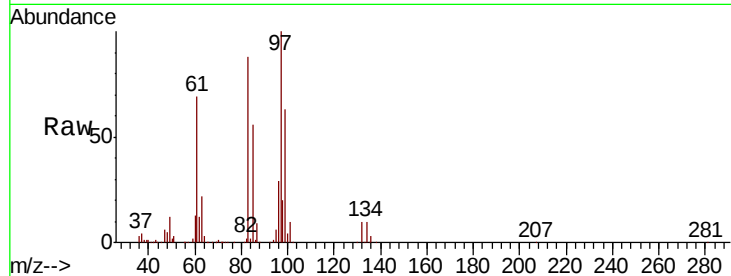




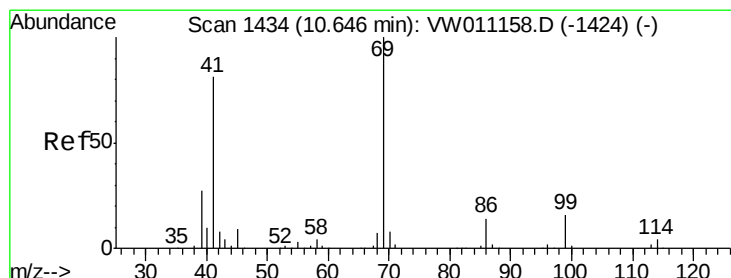
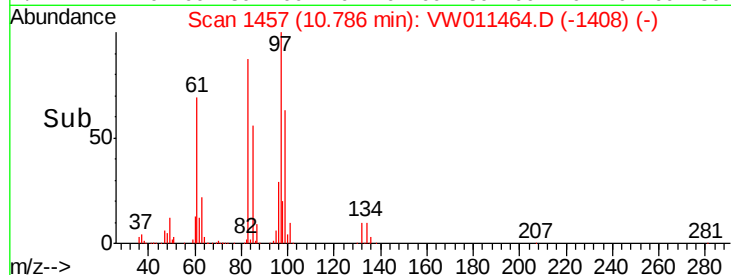
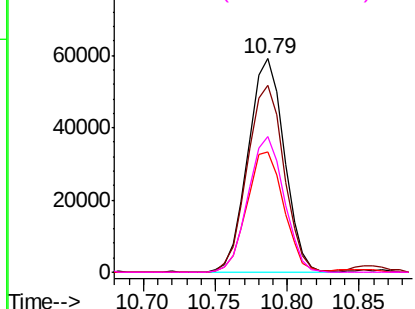
#55
 1,1,2-Trichloroethane
 Concen: 47.960 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW011464.D
 Acq: 24 Jul 2019 10:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 97 Resp: 103031
 Ion Ratio Lower Upper
 97 100
 83 87.6 70.2 105.4
 85 56.3 44.2 66.2
 99 63.3 52.6 79.0

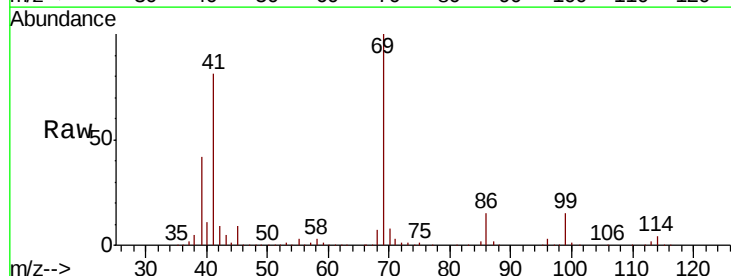


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

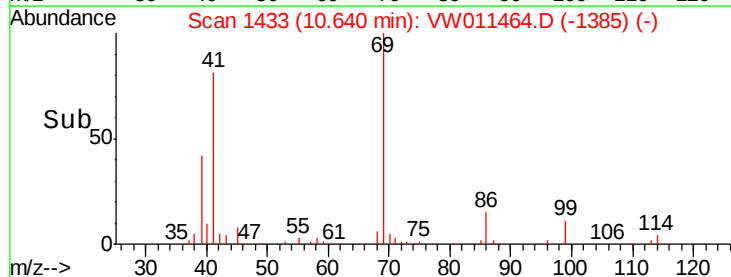
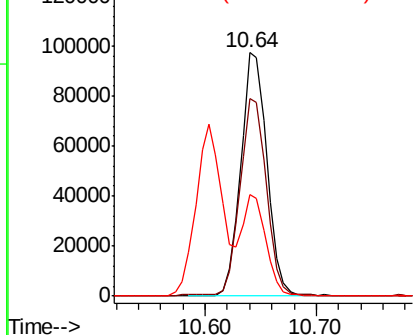


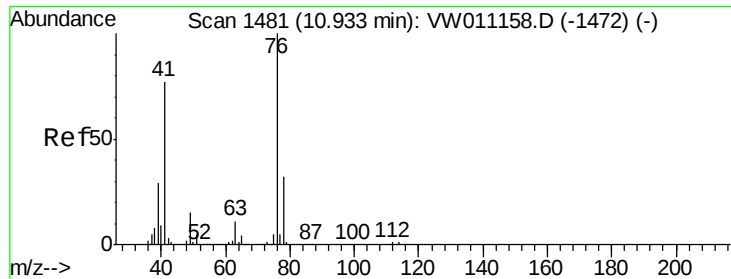
#56
 Ethyl methacrylate
 Concen: 48.579 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: VW011464.D
 Acq: 24 Jul 2019 10:11

Tgt Ion: 69 Resp: 158887
 Ion Ratio Lower Upper
 69 100
 41 81.0 66.5 99.7
 39 36.1 32.5 48.7



Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW

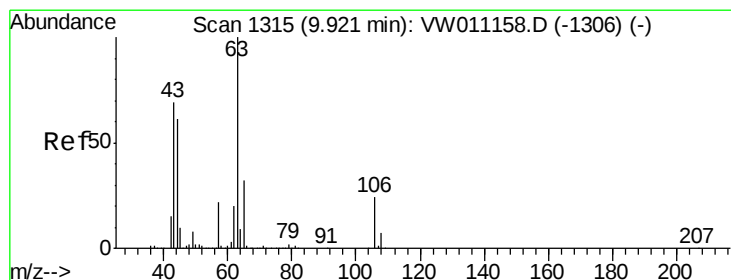
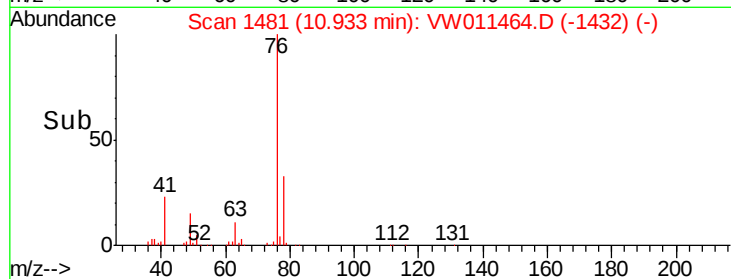
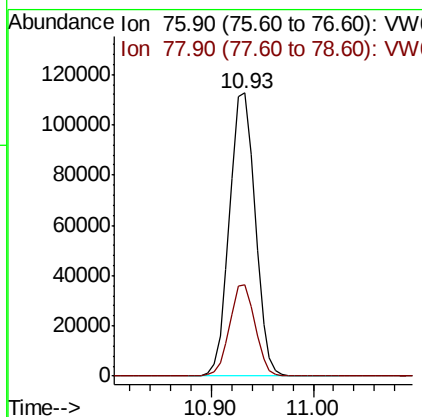
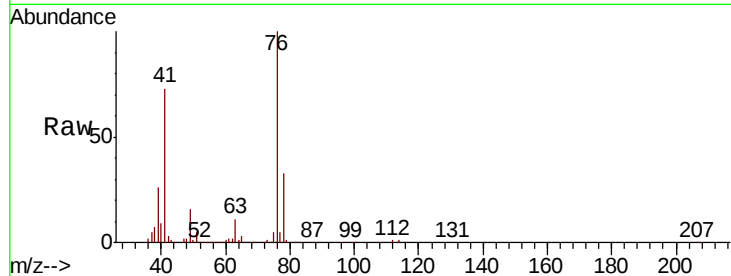




#57
 1,3-Dichloropropane
 Concen: 48.317 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW011464.D
 Acq: 24 Jul 2019 10:11

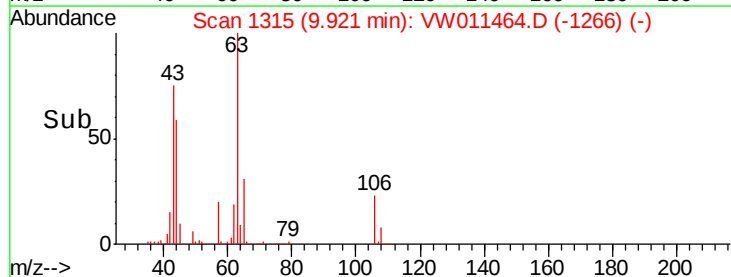
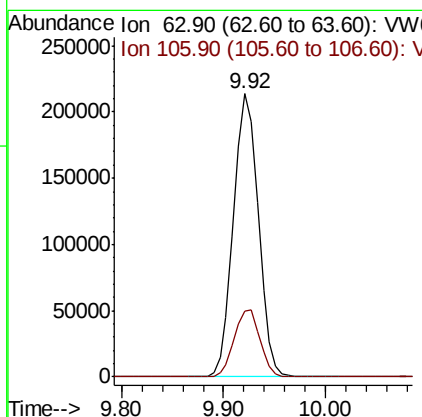
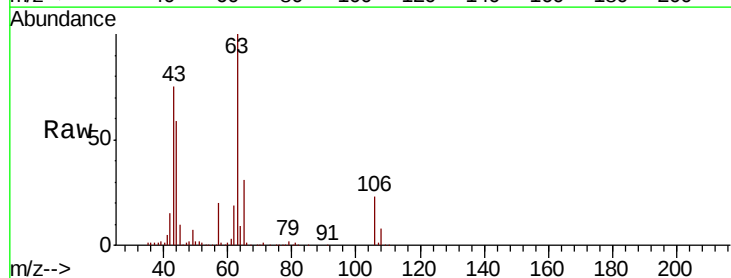
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

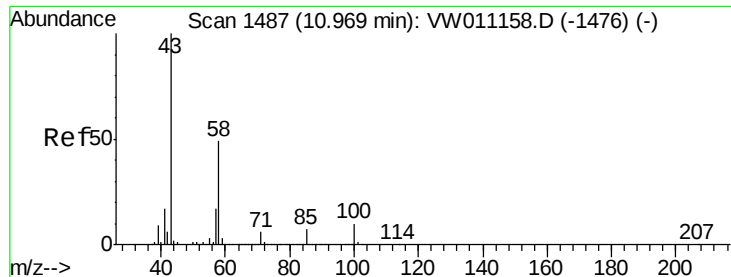
Tgt Ion: 76 Resp: 196280
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 238.157 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW011464.D
 Acq: 24 Jul 2019 10:11

Tgt Ion: 63 Resp: 361112
 Ion Ratio Lower Upper
 63 100
 106 24.4 19.4 29.0

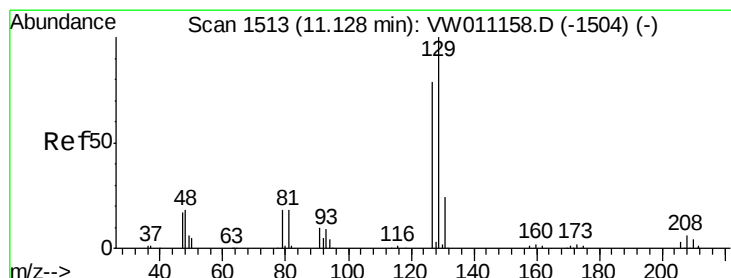
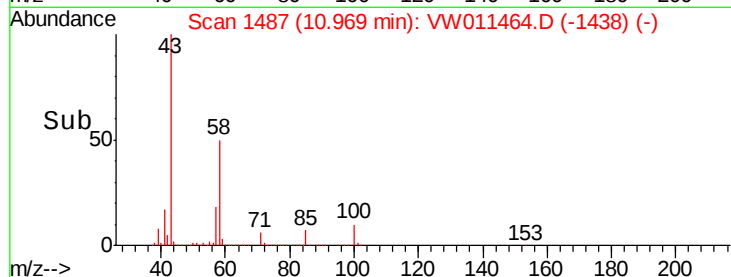
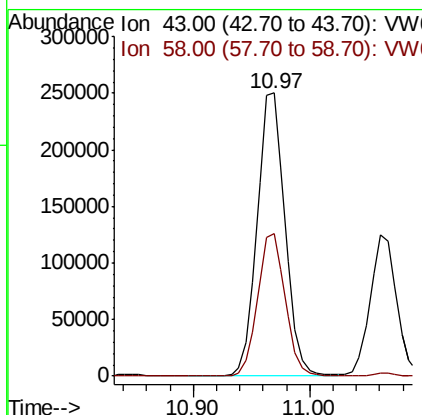
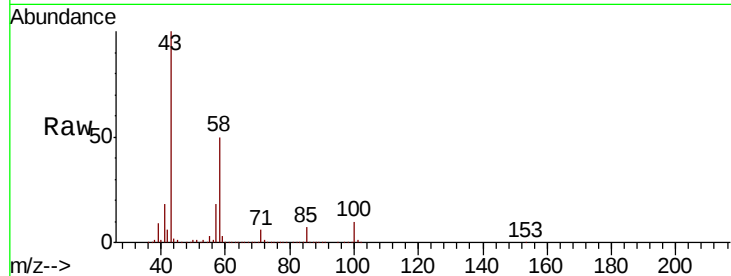




#59
2-Hexanone
Concen: 235.893 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

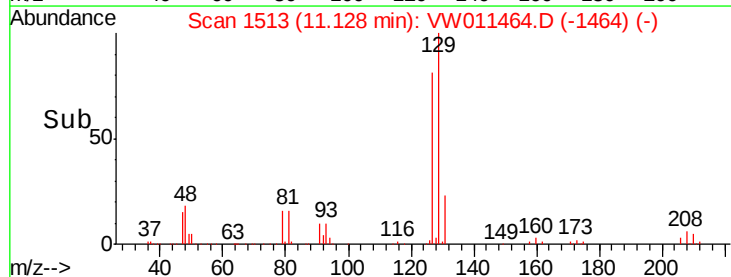
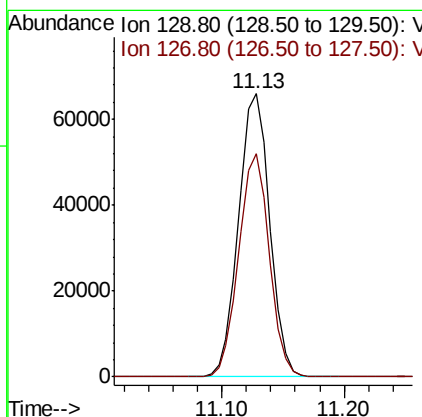
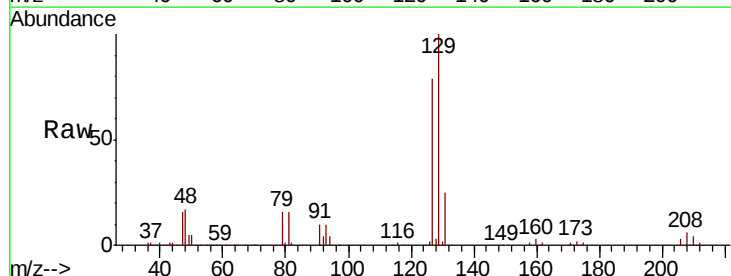
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

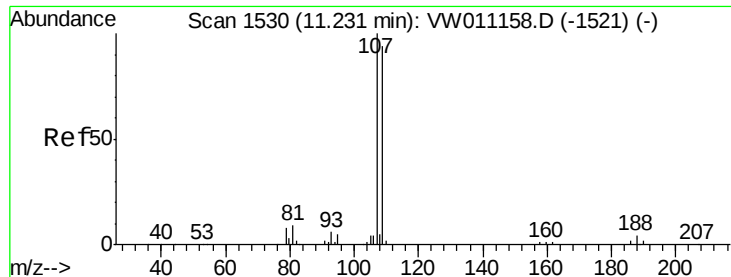
Tgt Ion: 43 Resp: 417553
Ion Ratio Lower Upper
43 100
58 49.9 24.4 73.4



#60
Dibromochloromethane
Concen: 49.485 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion: 129 Resp: 116572
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.3

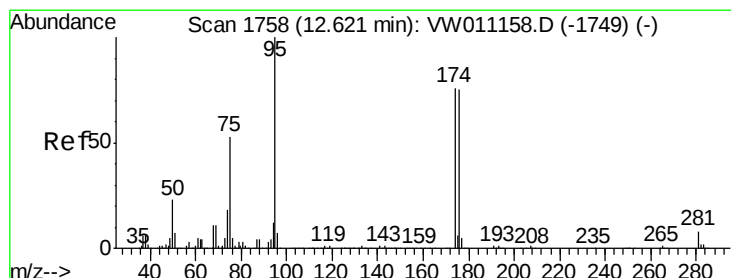
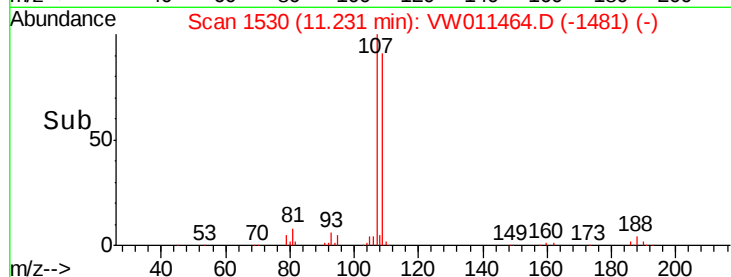
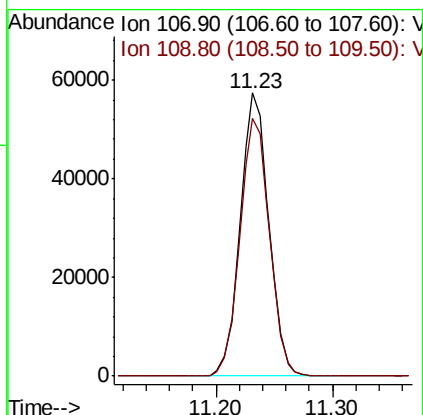
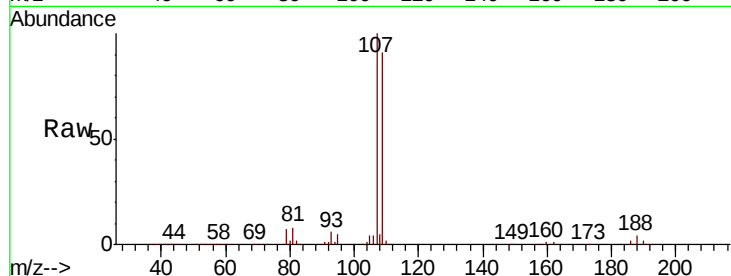




#61
 1,2-Dibromoethane
 Concen: 48.266 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW011464.D
 Acq: 24 Jul 2019 10:11

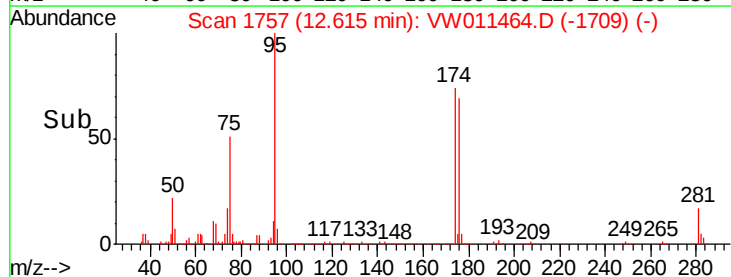
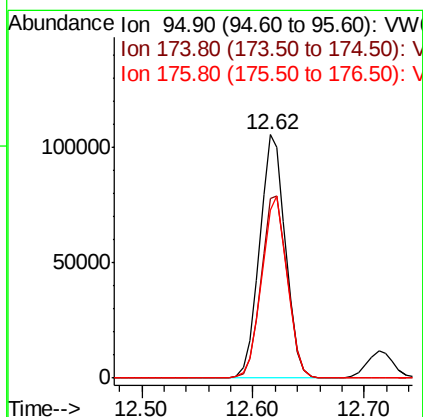
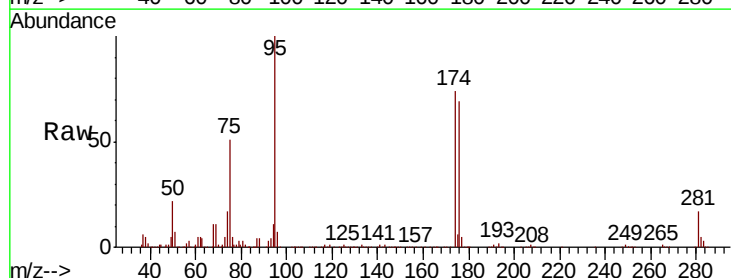
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

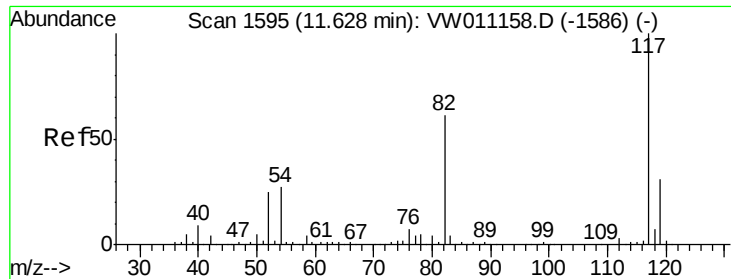
Tgt Ion: 107 Resp: 98216
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 47.758 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VW011464.D
 Acq: 24 Jul 2019 10:11

Tgt Ion: 95 Resp: 170592
 Ion Ratio Lower Upper
 95 100
 174 76.2 0.0 147.6
 176 73.9 0.0 144.6

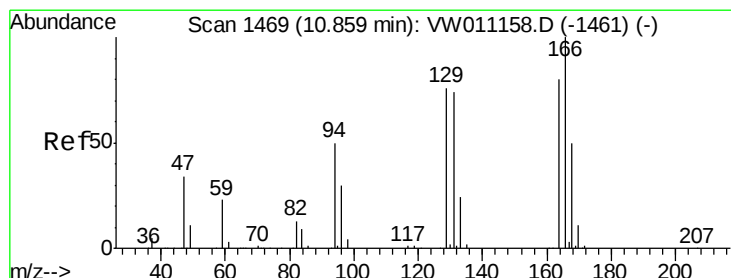
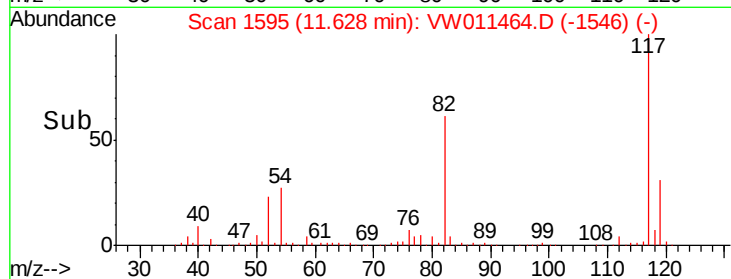
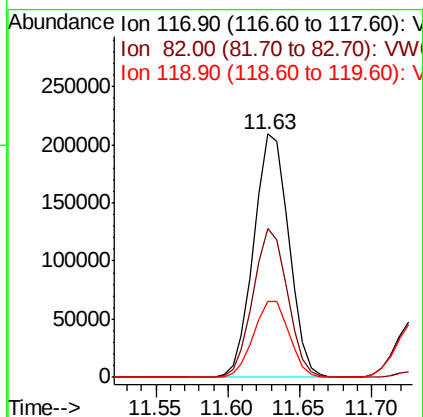
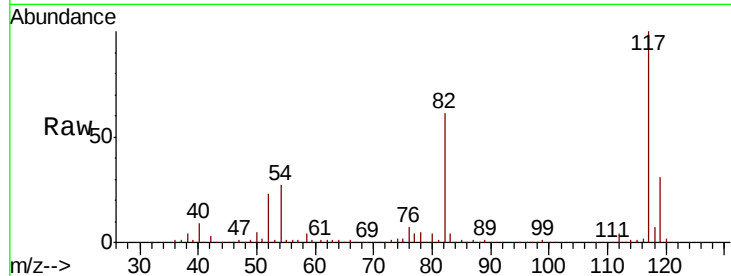




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

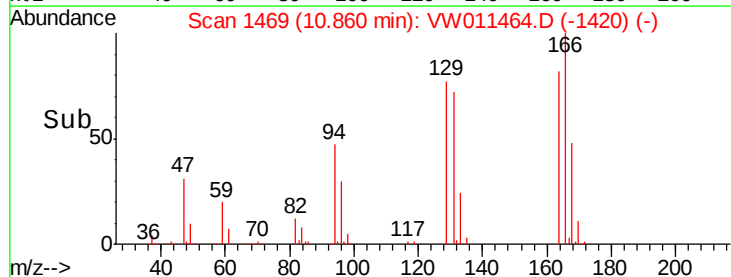
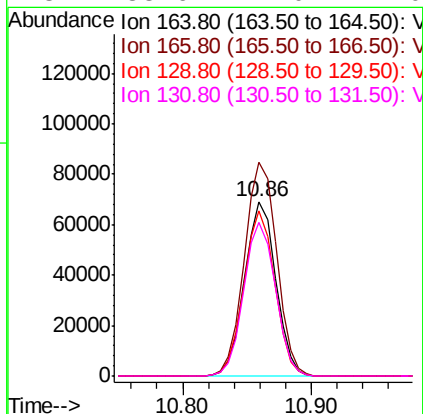
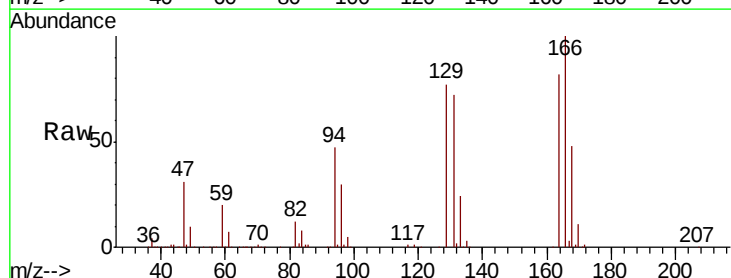
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

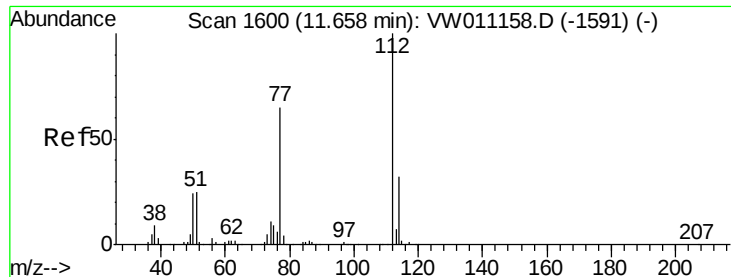
Tgt Ion:117 Resp: 352784
Ion Ratio Lower Upper
117 100
82 61.0 48.9 73.3
119 31.3 25.0 37.6



#64
Tetrachloroethene
Concen: 48.615 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion:164 Resp: 115728
Ion Ratio Lower Upper
164 100
166 122.7 99.7 149.5
129 94.8 76.2 114.2
131 88.6 74.0 111.0

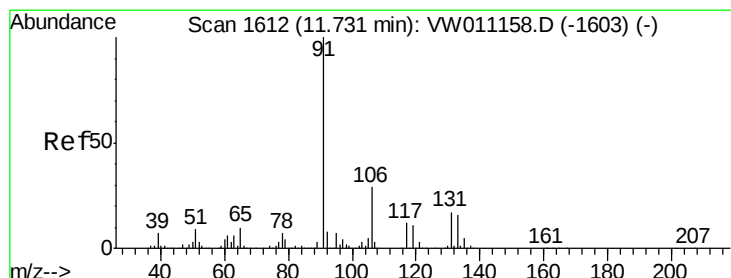
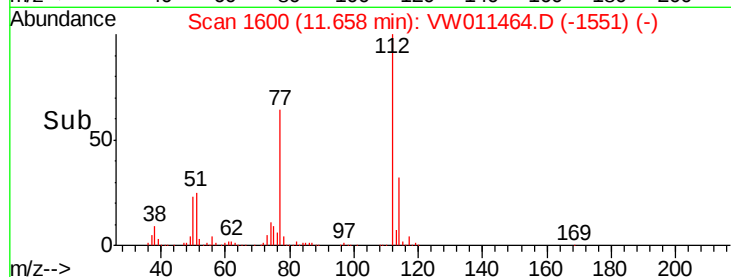
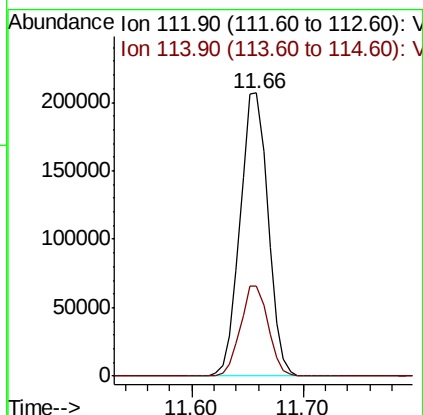
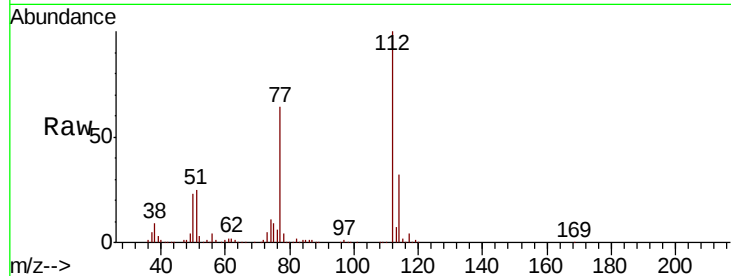




#65
Chlorobenzene
Concen: 50.439 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

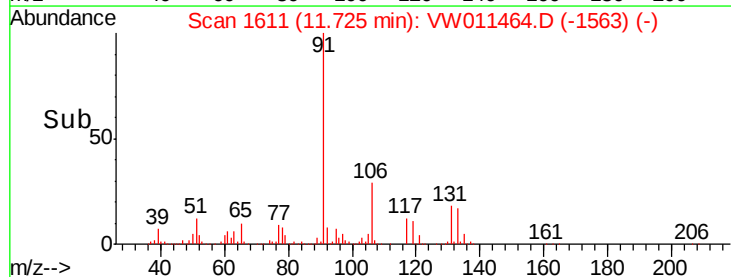
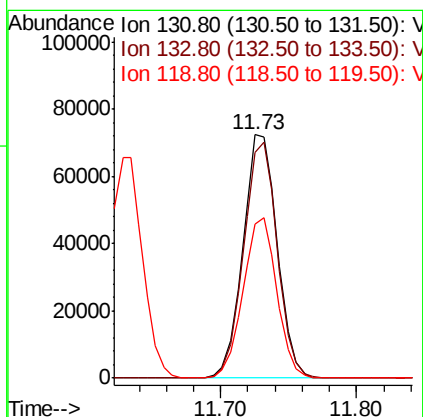
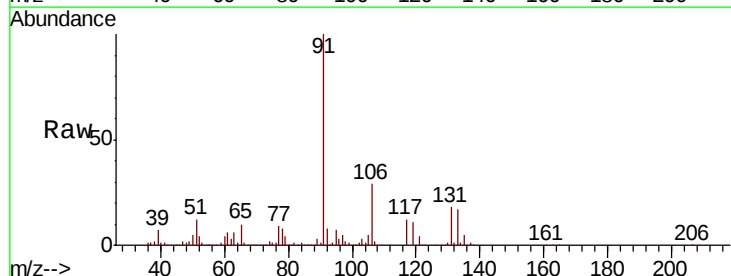
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

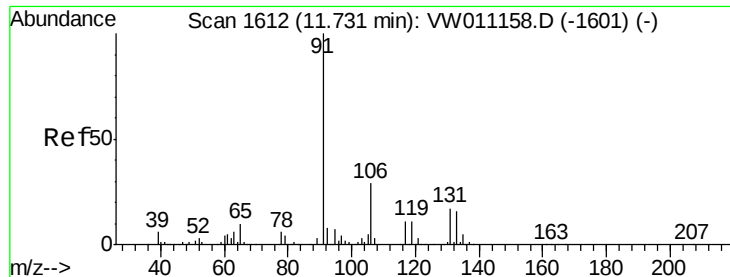
Tgt Ion:112 Resp: 361776
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.356 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion:131 Resp: 127170
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.8
119 64.9 33.1 99.2

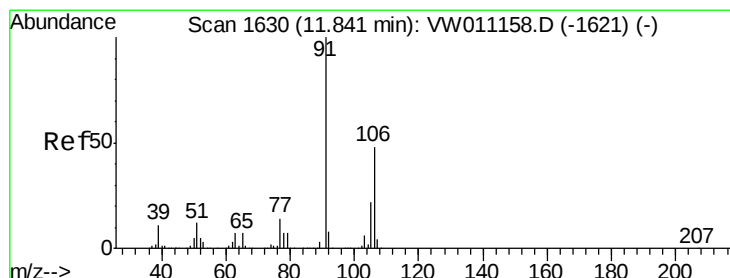
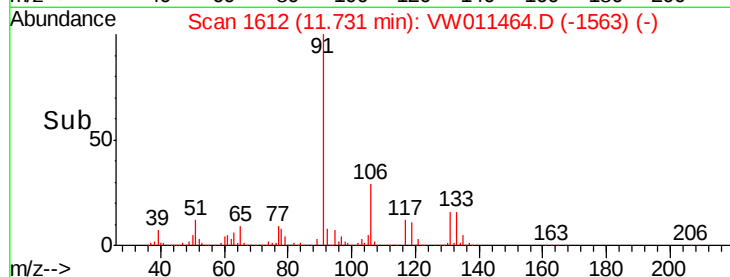
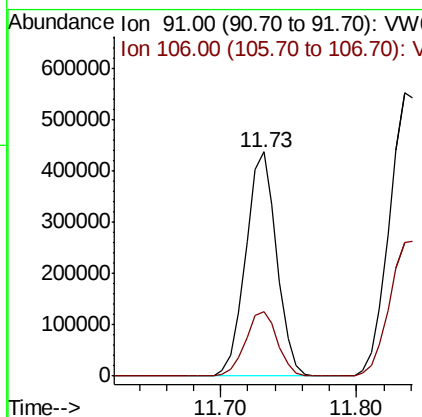
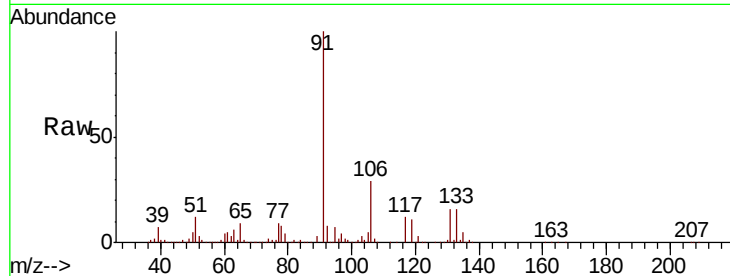




#67
Ethyl Benzene
Concen: 50.599 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

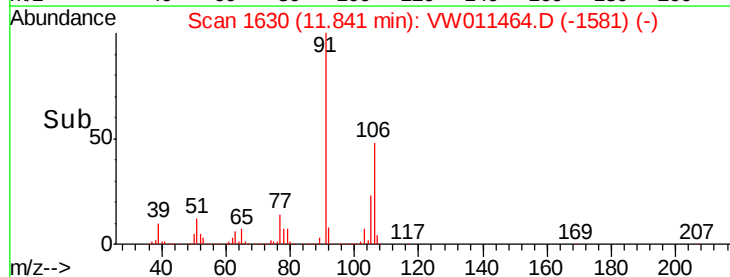
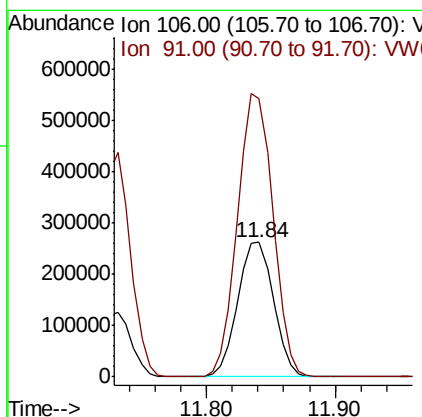
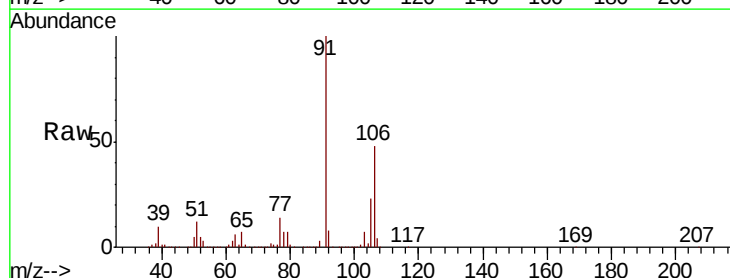
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

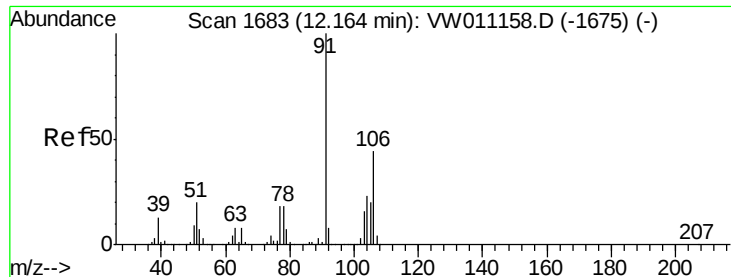
Tgt Ion: 91 Resp: 694762
Ion Ratio Lower Upper
91 100
106 29.0 23.5 35.3



#68
m/p-Xylenes
Concen: 101.575 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion: 106 Resp: 504659
Ion Ratio Lower Upper
106 100
91 209.1 167.7 251.5

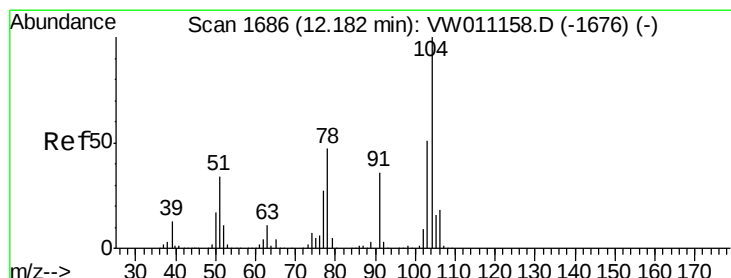
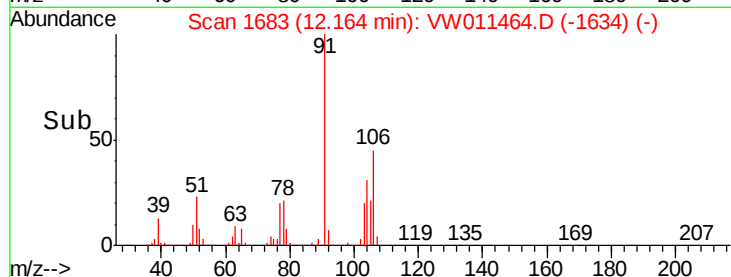
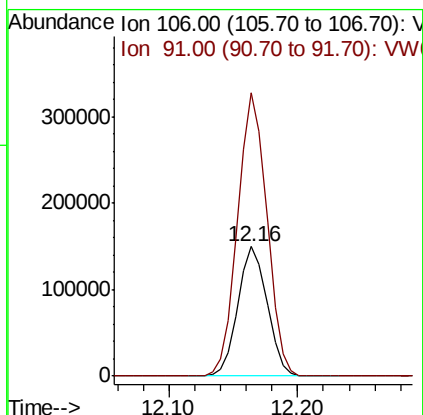
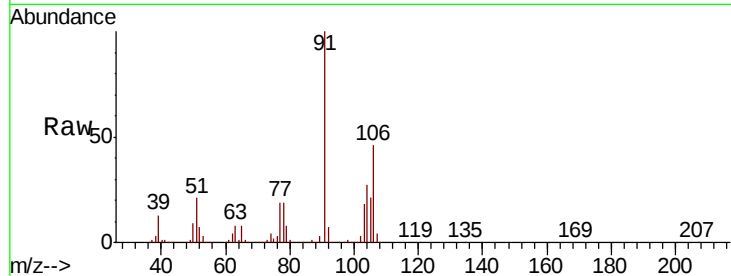




#69
o-Xylene
Concen: 50.332 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

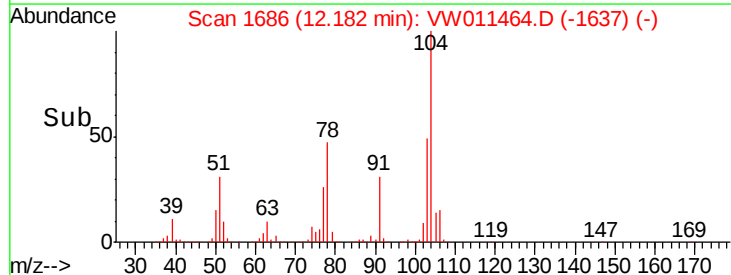
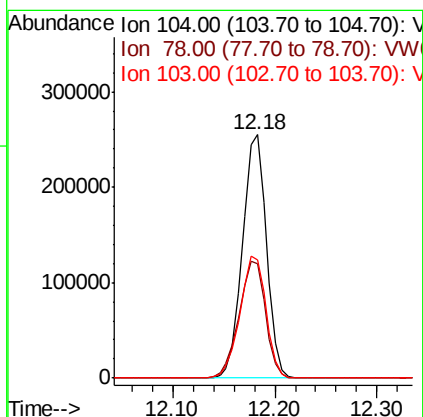
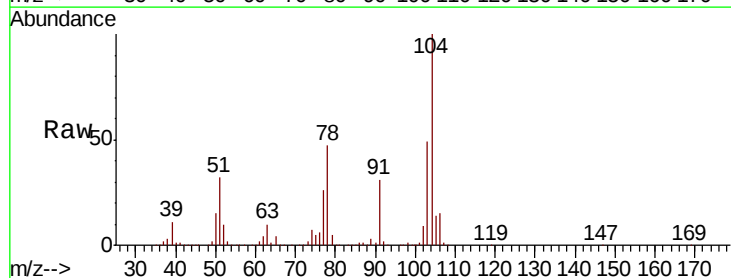
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

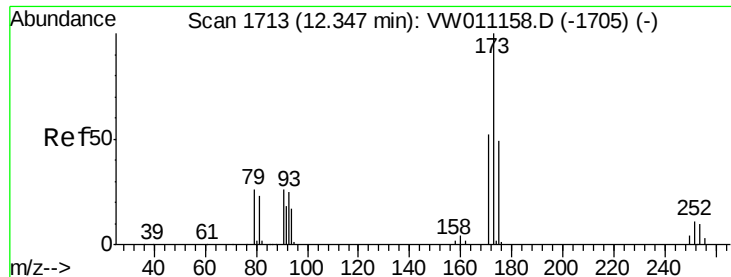
Tgt Ion:106 Resp: 235692
Ion Ratio Lower Upper
106 100
91 219.7 110.7 332.1



#70
Styrene
Concen: 51.401 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion:104 Resp: 415405
Ion Ratio Lower Upper
104 100
78 53.1 43.1 64.7
103 54.4 44.1 66.1

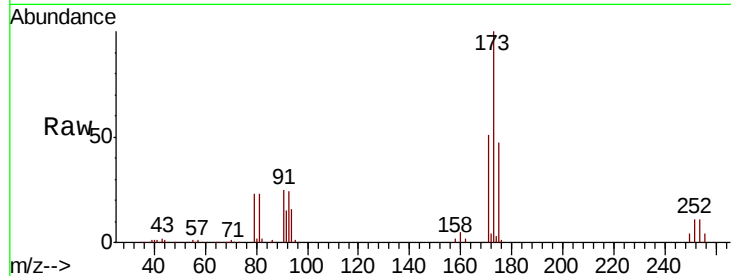




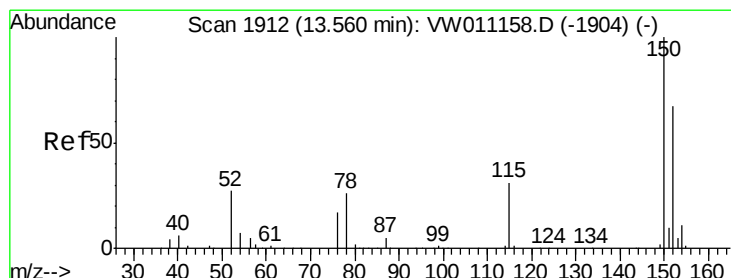
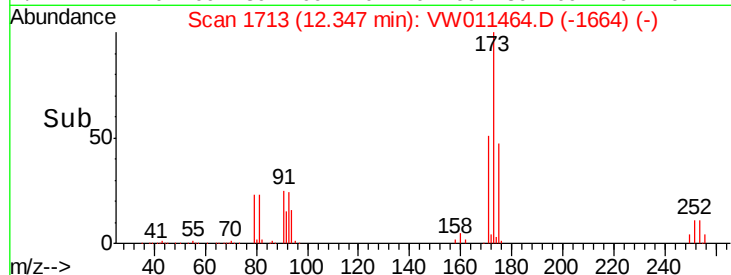
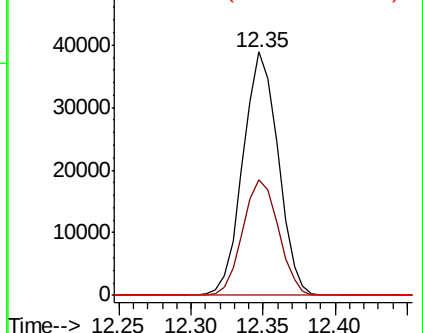
#71
Bromoform
Concen: 48.970 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 65754
Ion Ratio Lower Upper
173 100
175 48.3 24.8 74.3
254 0.1 0.0 0.0#

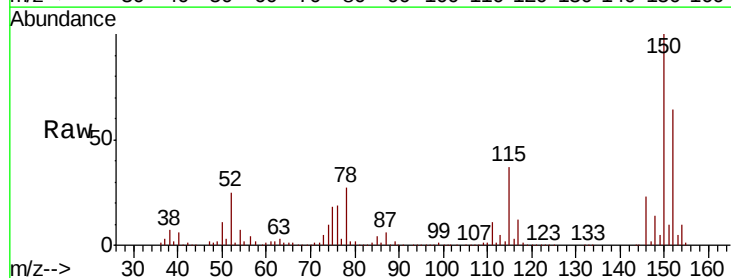


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

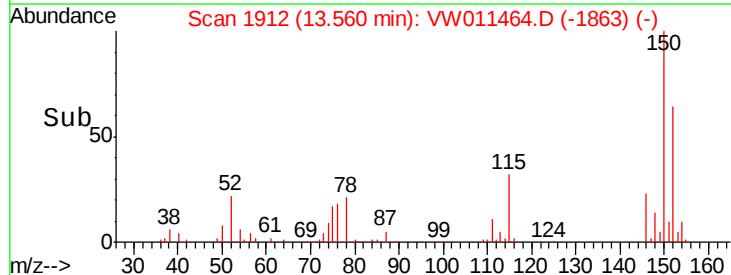
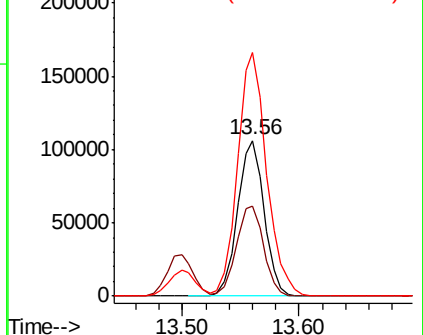


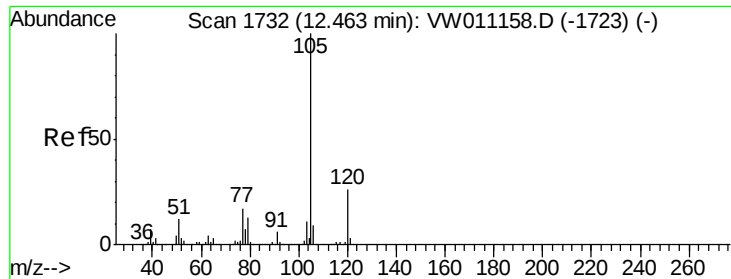
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion:152 Resp: 167954
Ion Ratio Lower Upper
152 100
115 59.7 30.1 90.3
150 171.4 0.0 346.0



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





#73

Isopropylbenzene

Concen: 52.021 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

Instrument :

MSVOA_W

ClientSampleId :

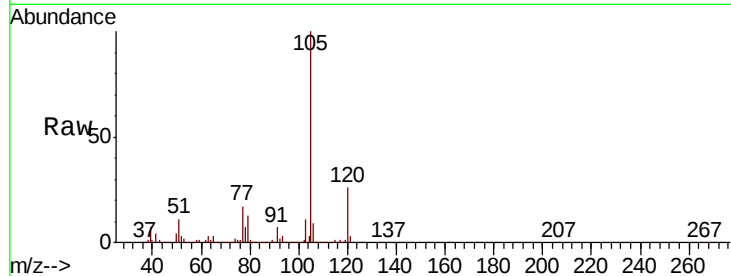
VSTDCCC050

Tgt Ion: 105 Resp: 653139

Ion Ratio Lower Upper

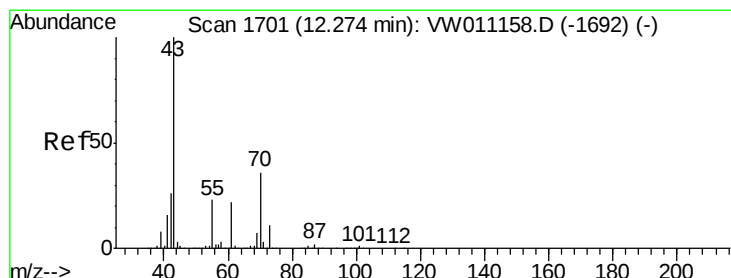
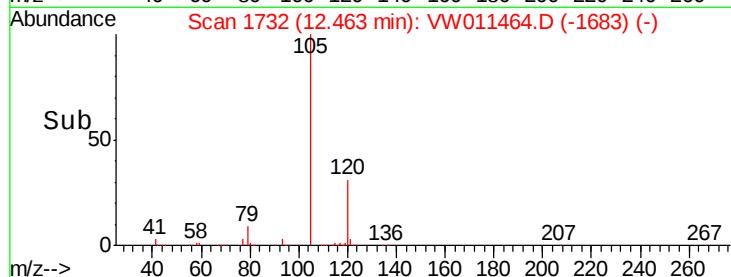
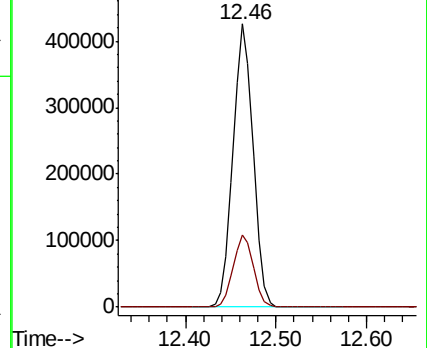
105 100

120 25.7 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.592 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

Tgt Ion: 43 Resp: 208102

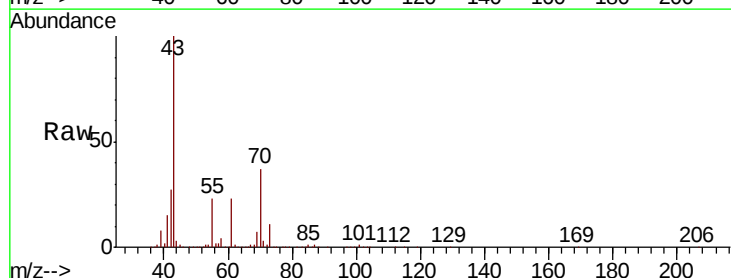
Ion Ratio Lower Upper

43 100

70 36.2 28.5 42.7

55 22.4 18.1 27.1

61 21.9 17.2 25.8

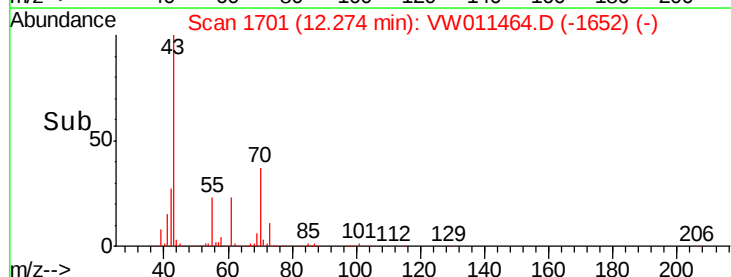
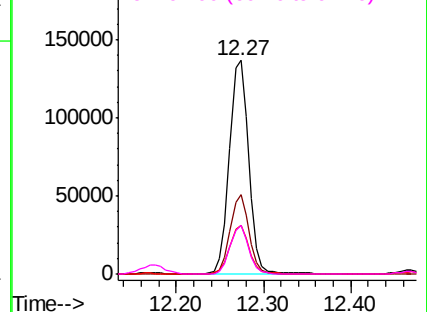


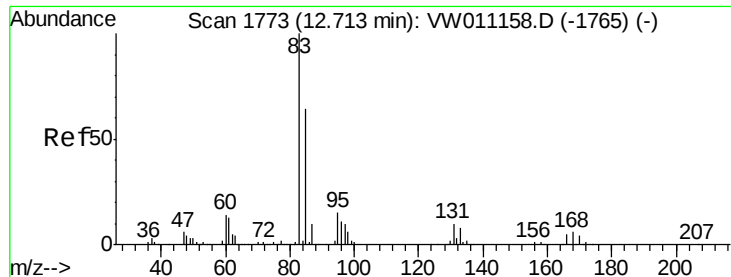
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 48.456 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

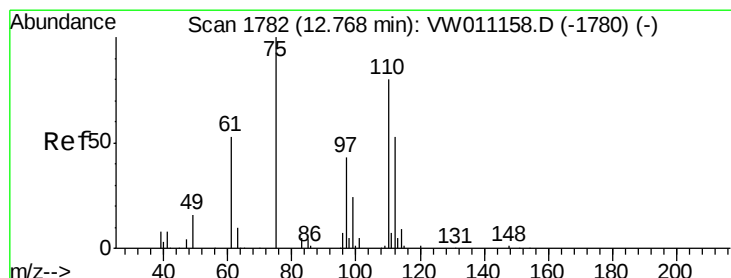
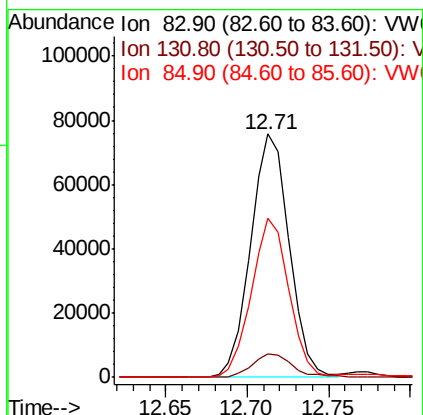
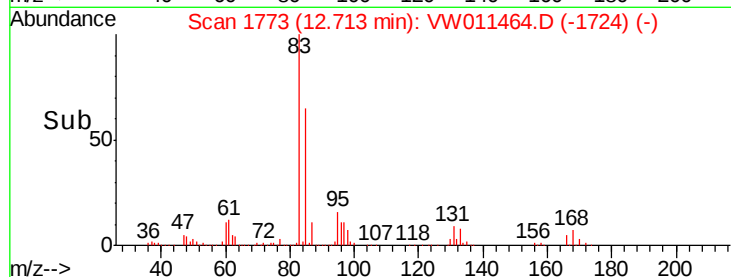
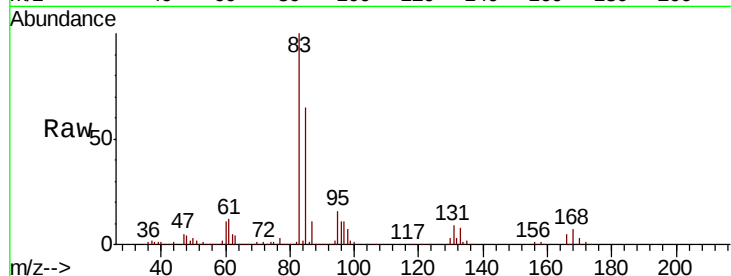
Tgt Ion: 83 Resp: 124709

Ion Ratio Lower Upper

83 100

131 10.1 5.0 15.0

85 63.7 31.6 94.8



#76

1,2,3-Trichloropropane

Concen: 84.862 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW011464.D

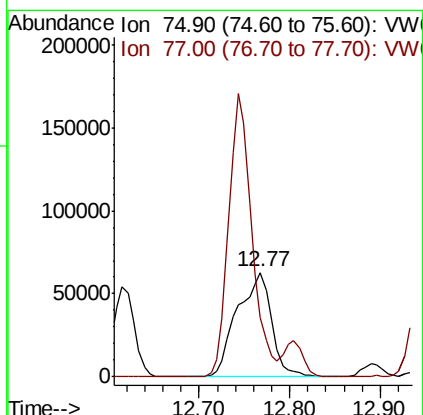
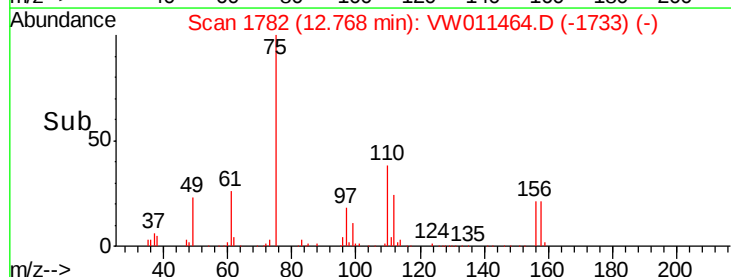
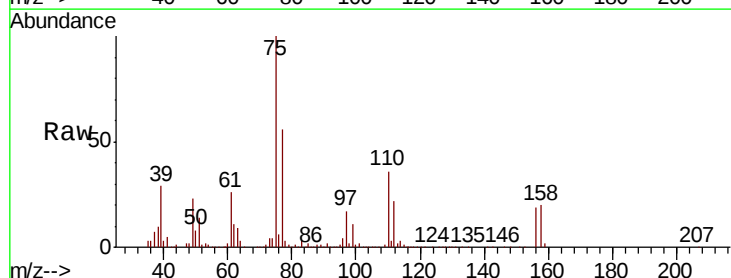
Acq: 24 Jul 2019 10:11

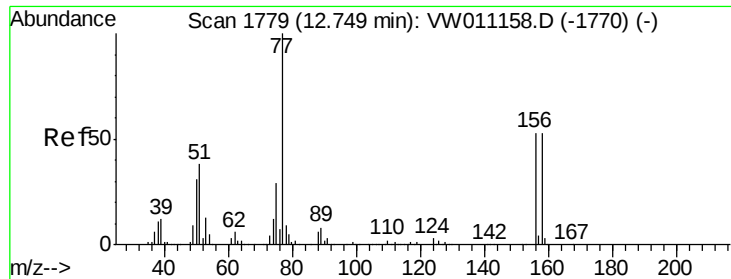
Tgt Ion: 75 Resp: 164711

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

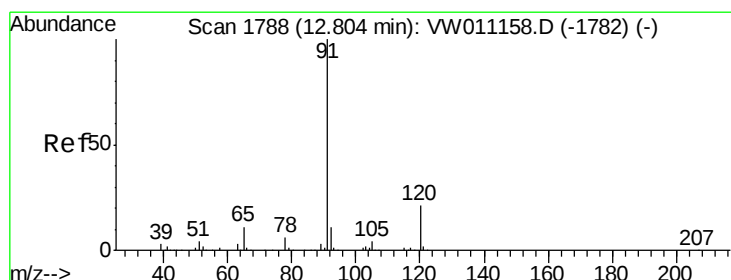
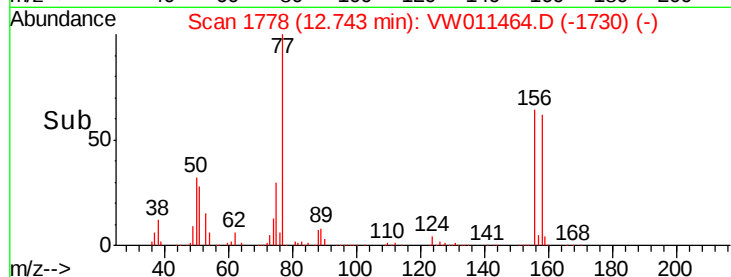
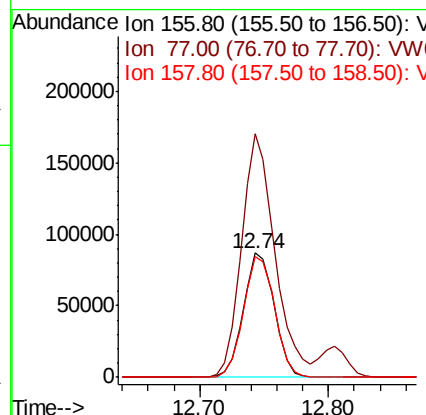
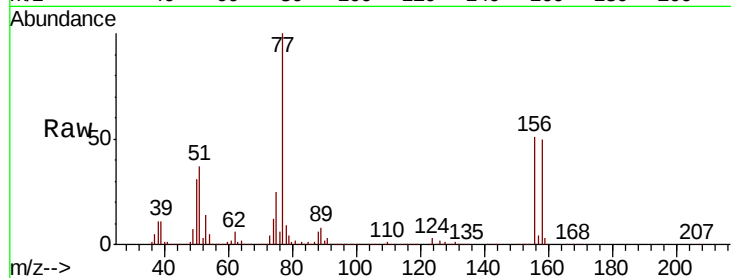




#77
Bromobenzene
Concen: 50.945 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. -0.01 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

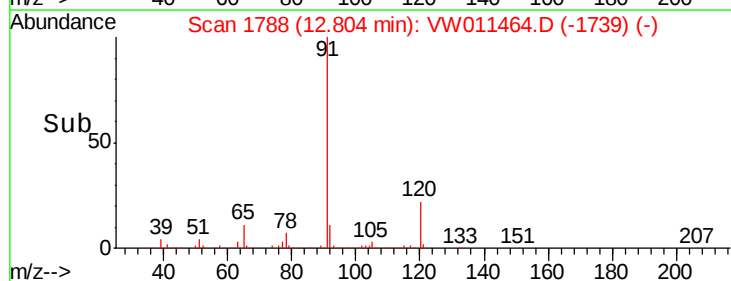
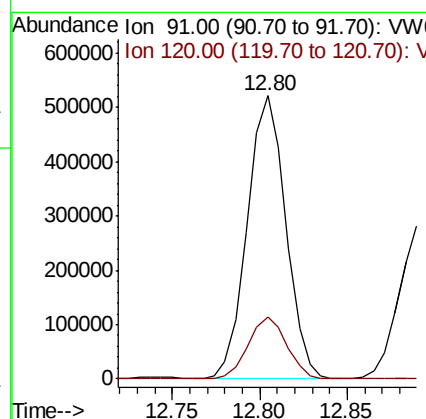
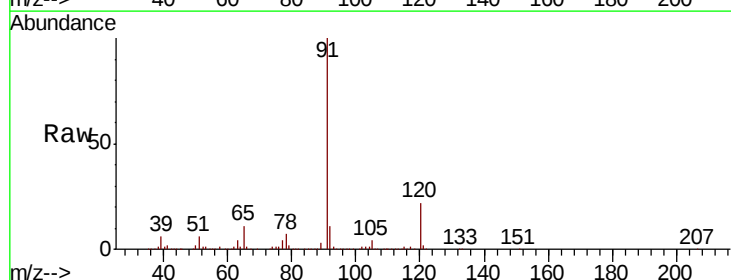
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

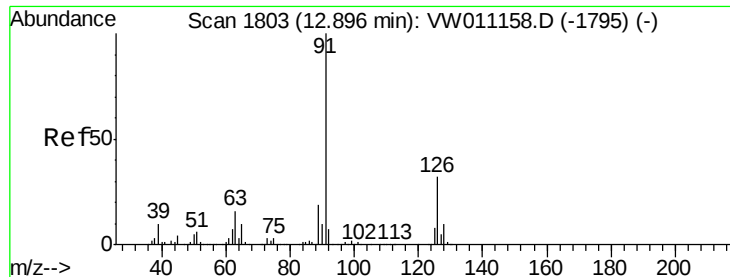
Tgt Ion:156 Resp: 143543
Ion Ratio Lower Upper
156 100
77 212.1 109.0 327.0
158 98.2 48.8 146.3



#78
n-propylbenzene
Concen: 51.561 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion: 91 Resp: 797451
Ion Ratio Lower Upper
91 100
120 21.8 10.8 32.3

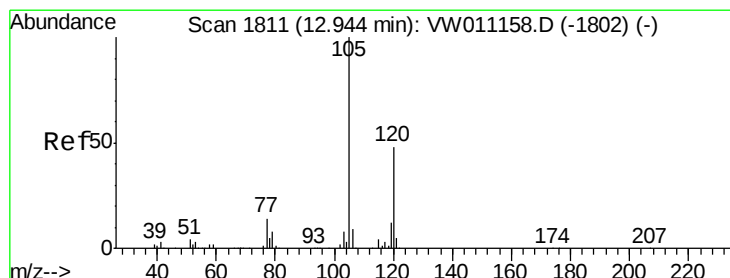
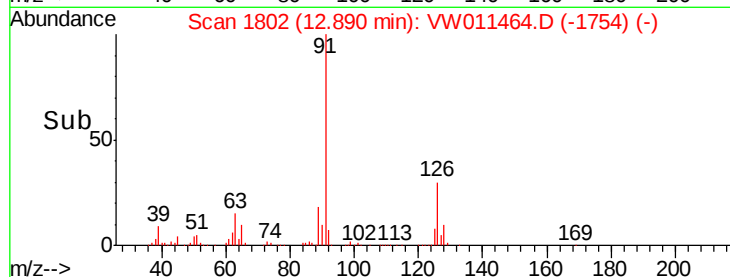
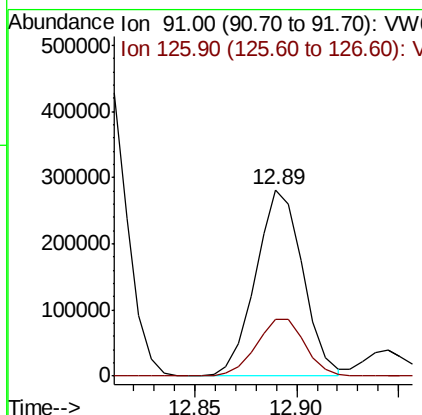
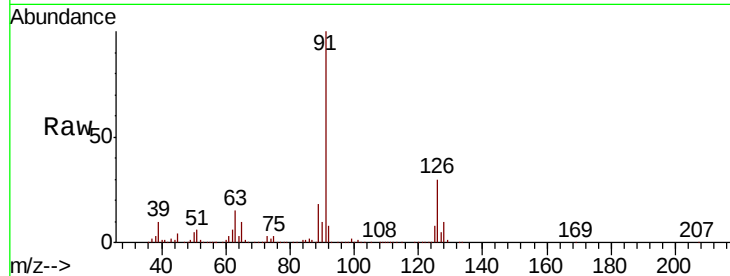




#79
 2-Chlorotoluene
 Concen: 51.042 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: VW011464.D
 Acq: 24 Jul 2019 10:11

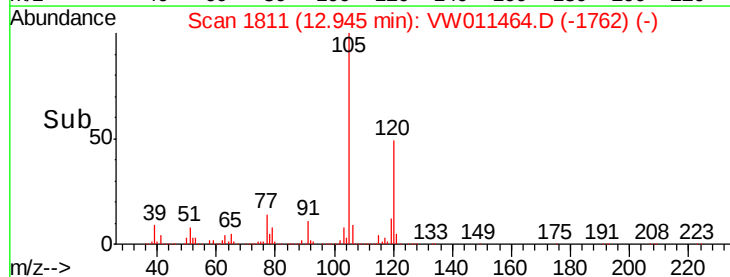
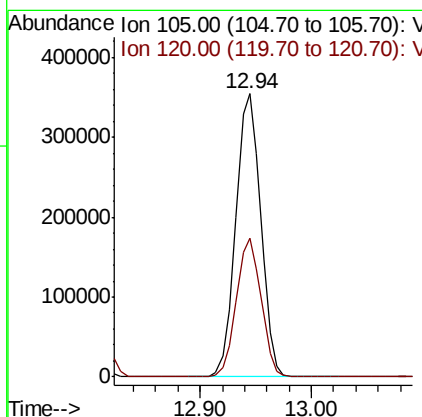
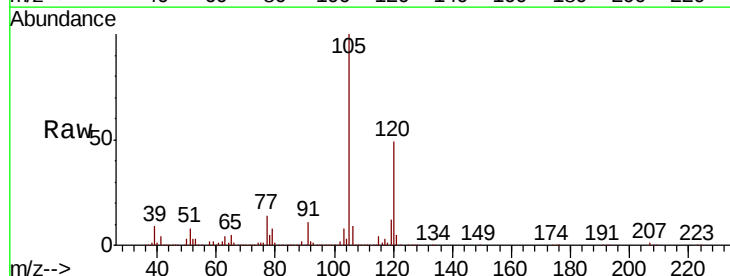
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

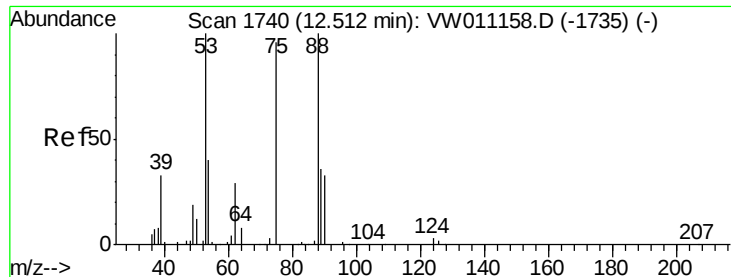
Tgt Ion: 91 Resp: 454274
 Ion Ratio Lower Upper
 91 100
 126 31.6 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 51.358 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW011464.D
 Acq: 24 Jul 2019 10:11

Tgt Ion: 105 Resp: 547801
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.1 72.2

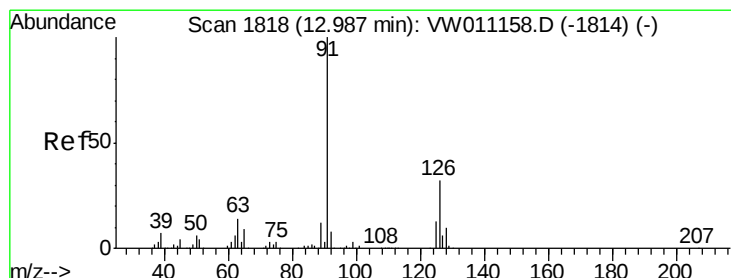
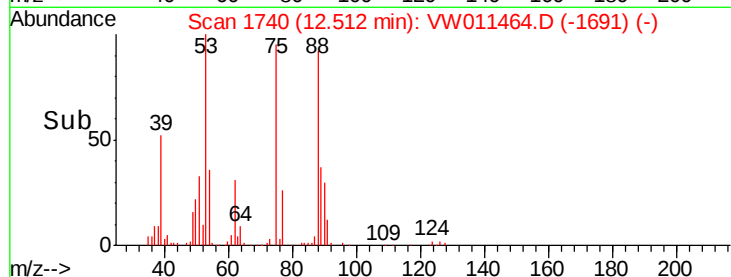
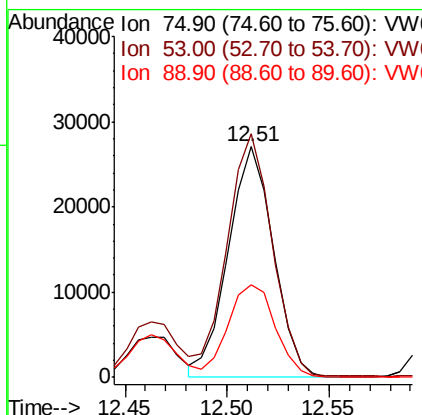
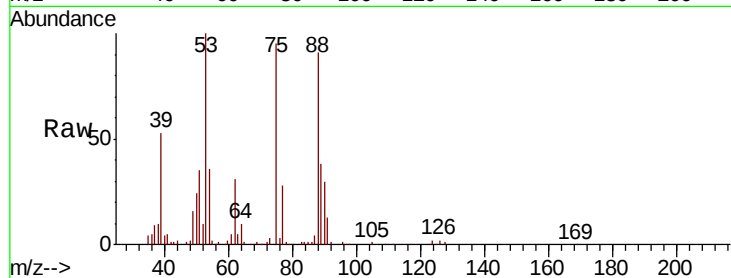




#81
trans-1,4-Dichloro-2-butene
Concen: 48.074 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

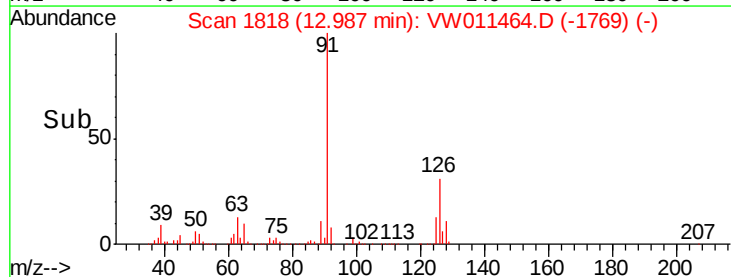
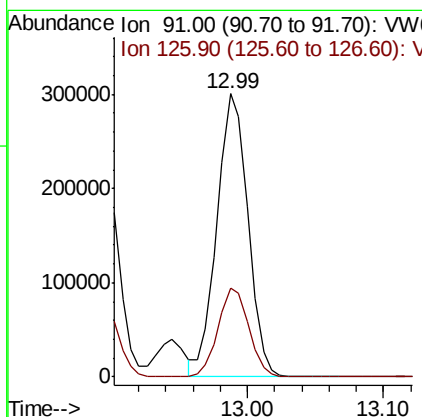
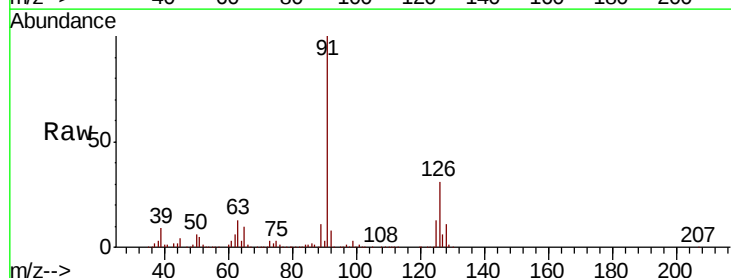
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

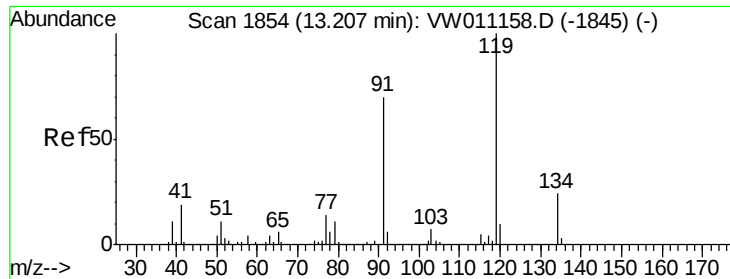
Tgt Ion: 75 Resp: 41254
Ion Ratio Lower Upper
75 100
53 105.9 89.8 134.6
89 41.8 34.3 51.5



#82
4-Chlorotoluene
Concen: 51.287 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion: 91 Resp: 475425
Ion Ratio Lower Upper
91 100
126 31.2 15.7 47.1

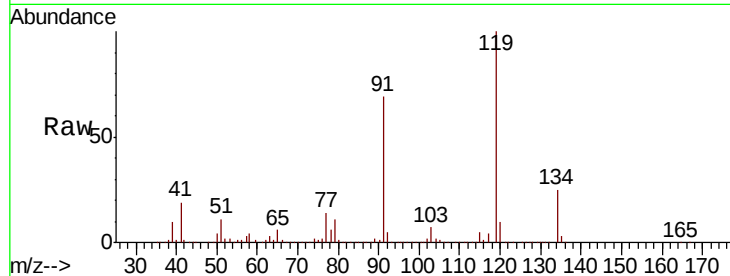




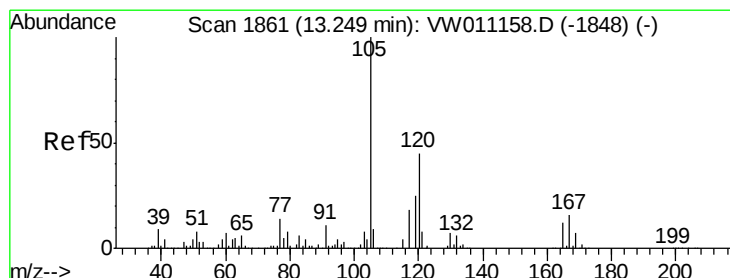
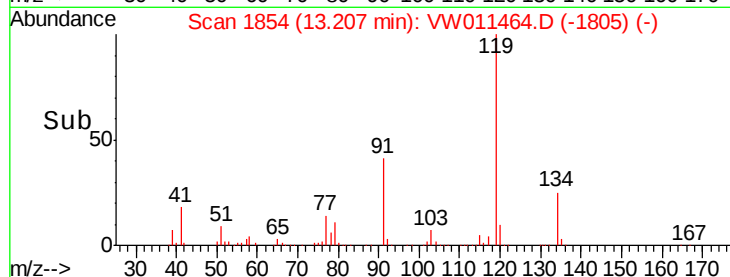
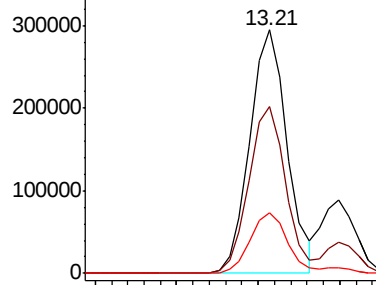
#83
tert-Butylbenzene
Concen: 52.304 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 465275
Ion Ratio Lower Upper
119 100
91 67.8 35.4 106.3
134 25.1 13.4 40.2

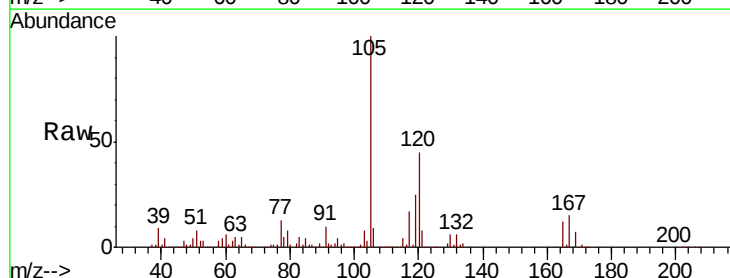


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

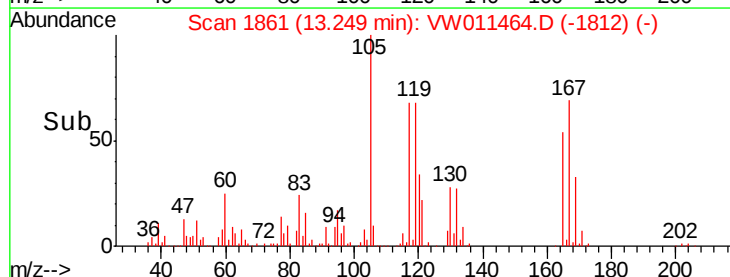
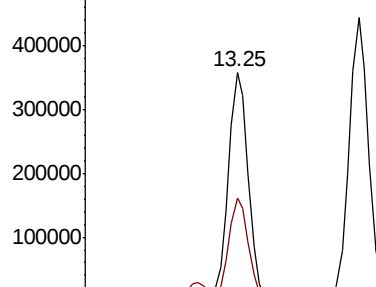


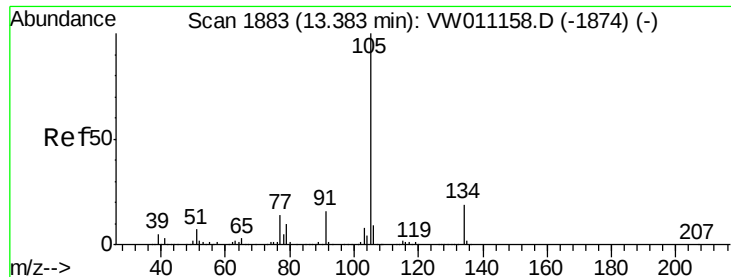
#84
1,2,4-Trimethylbenzene
Concen: 51.190 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion:105 Resp: 548254
Ion Ratio Lower Upper
105 100
120 44.3 22.3 66.9



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

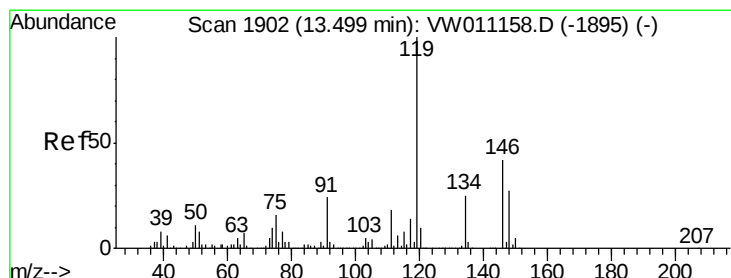
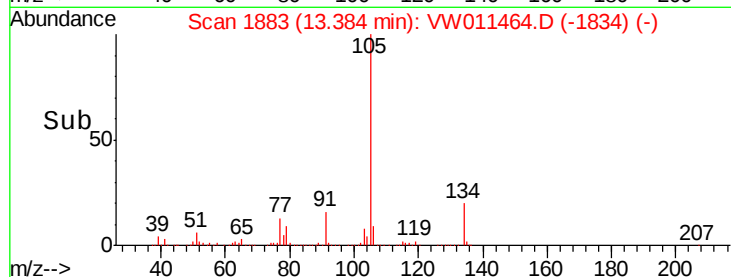
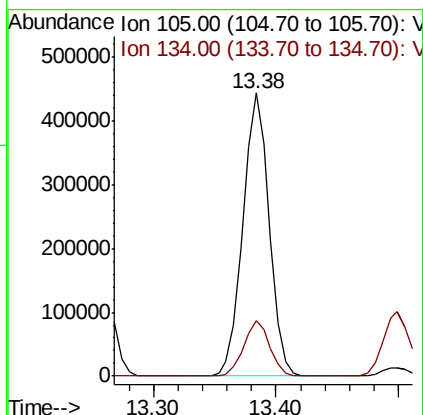
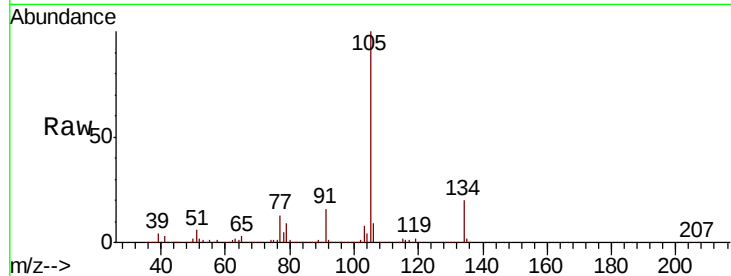




#85
 sec-Butylbenzene
 Concen: 51.280 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW011464.D
 Acq: 24 Jul 2019 10:11

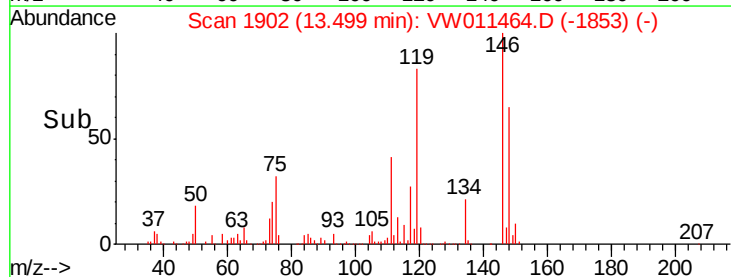
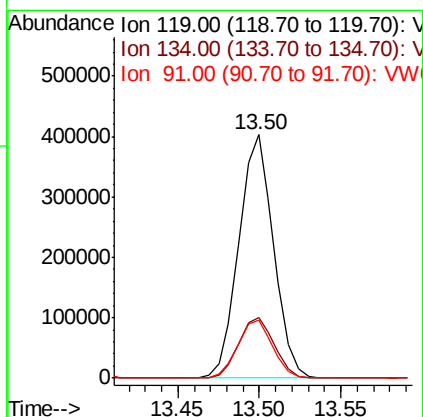
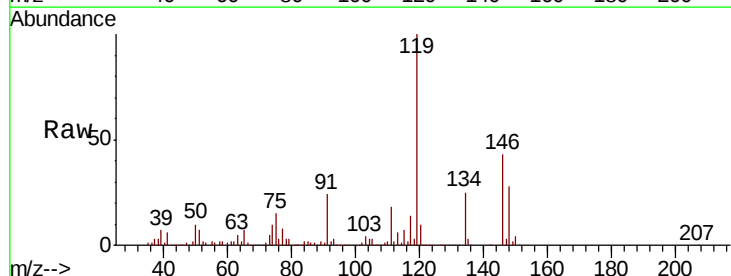
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

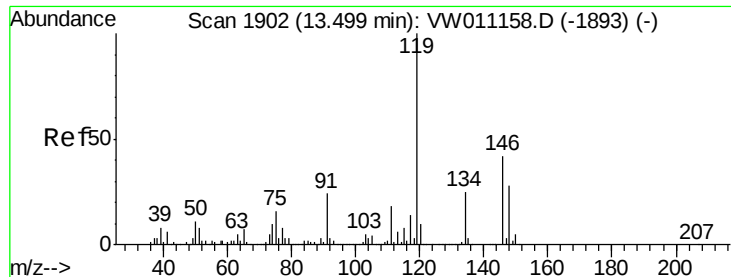
Tgt Ion:105 Resp: 658231
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 51.696 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW011464.D
 Acq: 24 Jul 2019 10:11

Tgt Ion:119 Resp: 595160
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.9 38.6
 91 24.1 12.3 36.8

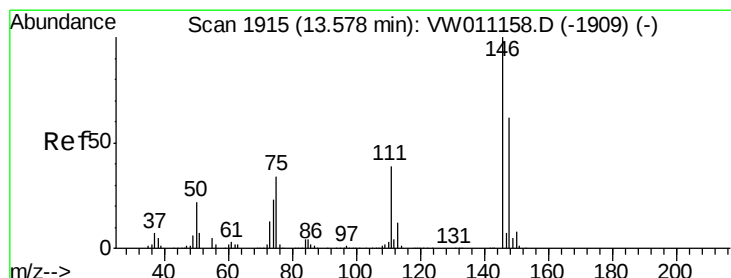
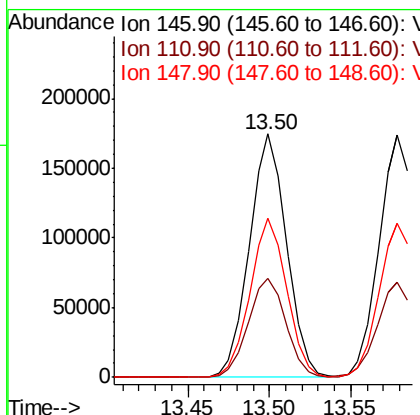
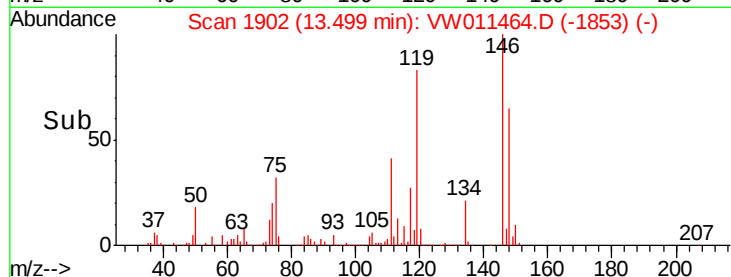
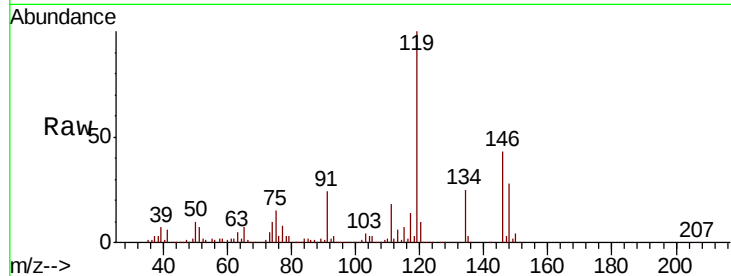




#87
 1,3-Dichlorobenzene
 Concen: 50.865 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW011464.D
 Acq: 24 Jul 2019 10:11

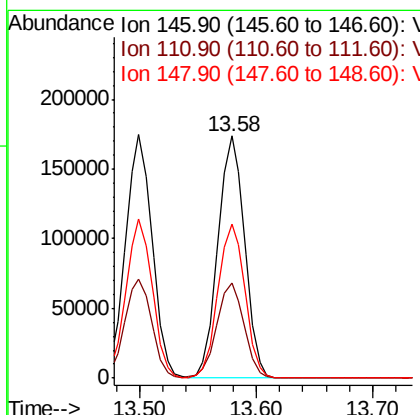
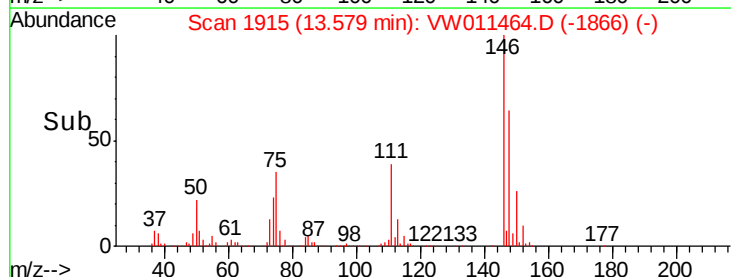
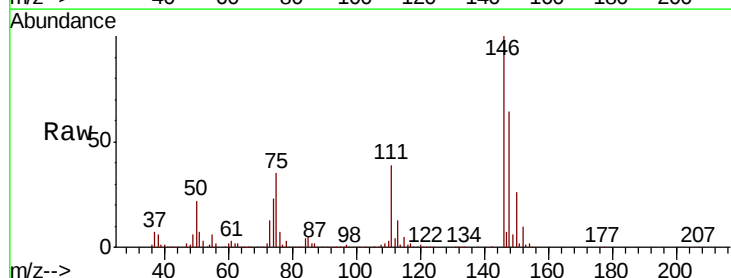
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

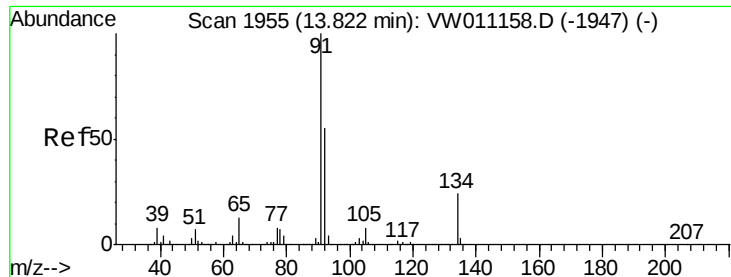
Tgt Ion:146 Resp: 275742
 Ion Ratio Lower Upper
 146 100
 111 41.1 21.1 63.1
 148 64.4 32.6 97.7



#88
 1,4-Dichlorobenzene
 Concen: 50.336 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW011464.D
 Acq: 24 Jul 2019 10:11

Tgt Ion:146 Resp: 274782
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.9 59.7
 148 64.1 31.5 94.5





#89

n-Butylbenzene

Concen: 51.450 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW011464.D

Acq: 24 Jul 2019 10:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

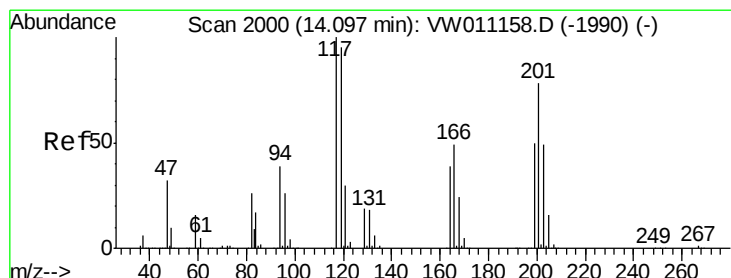
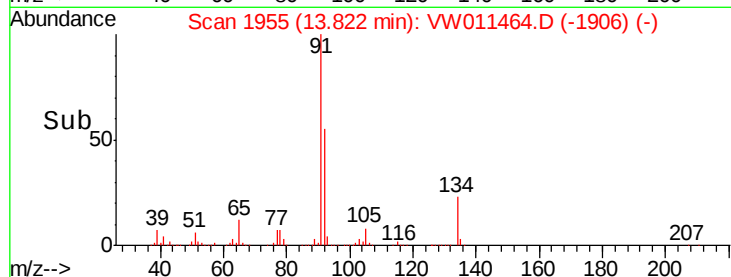
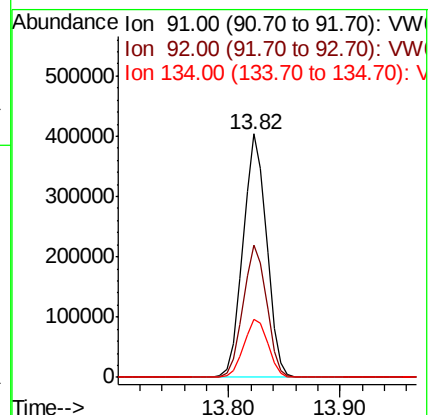
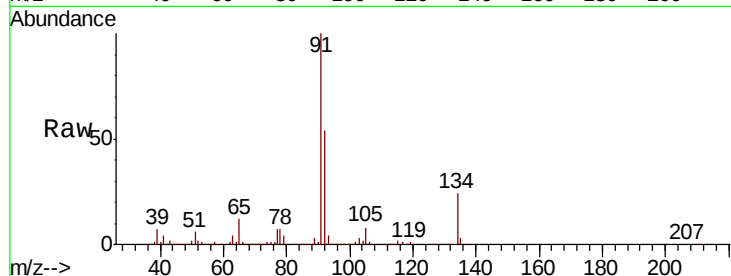
Tgt Ion: 91 Resp: 590895

Ion Ratio Lower Upper

91 100

92 54.4 26.9 80.7

134 24.6 12.2 36.4



#90

Hexachloroethane

Concen: 49.944 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW011464.D

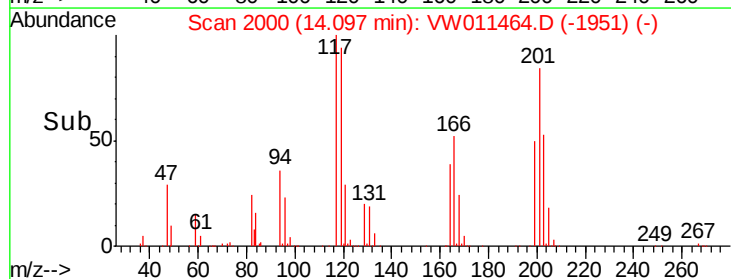
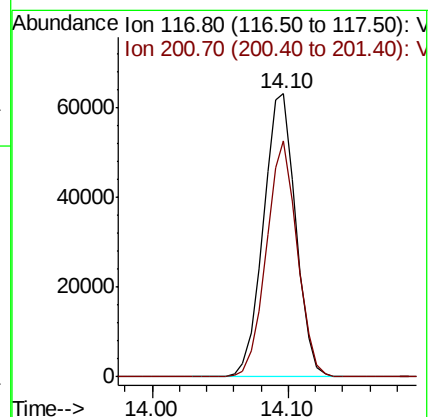
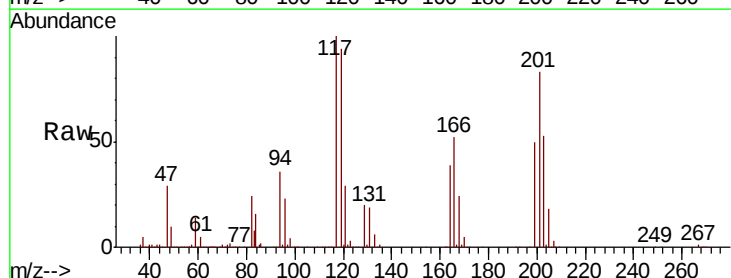
Acq: 24 Jul 2019 10:11

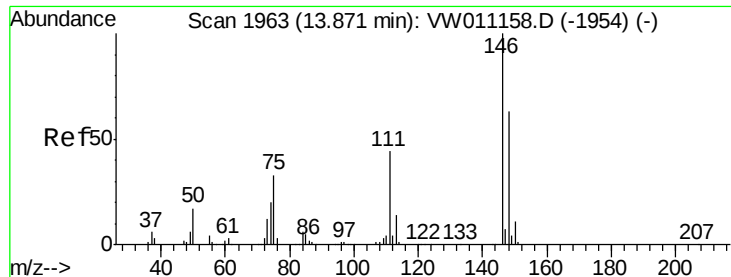
Tgt Ion: 117 Resp: 105072

Ion Ratio Lower Upper

117 100

201 79.6 38.3 114.8

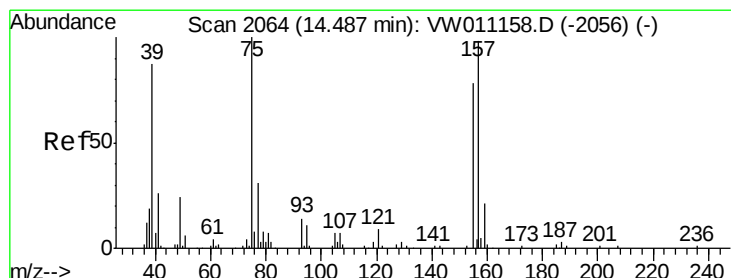
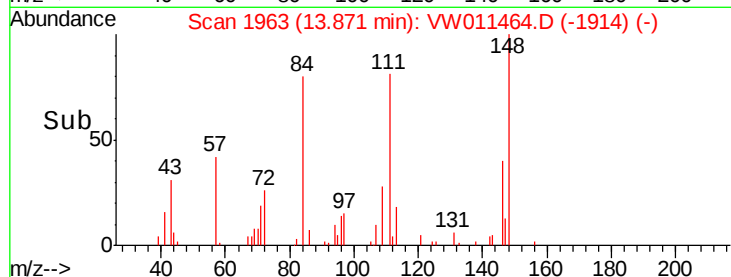
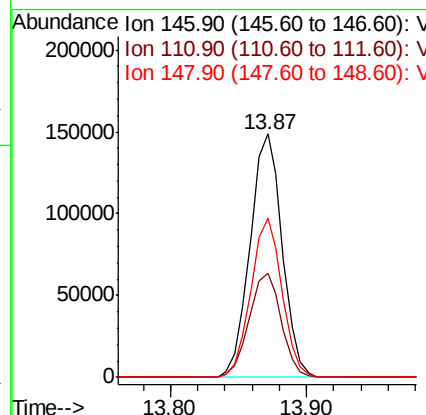
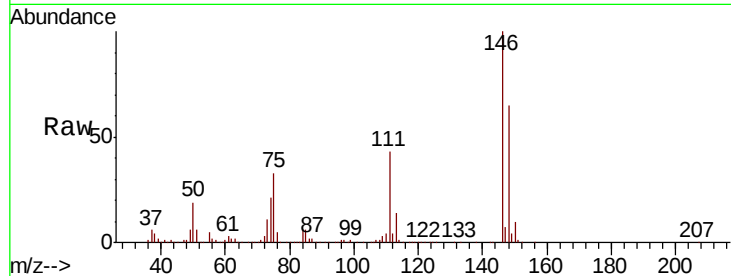




#91
 1,2-Dichlorobenzene
 Concen: 49.962 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW011464.D
 Acq: 24 Jul 2019 10:11

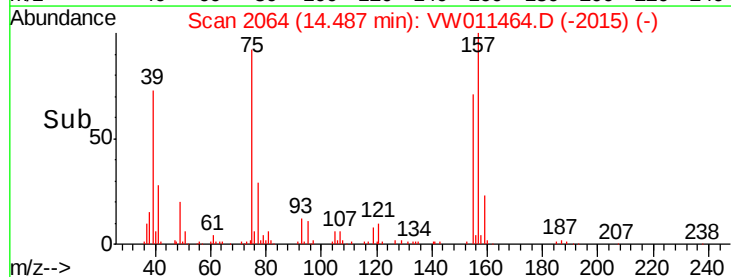
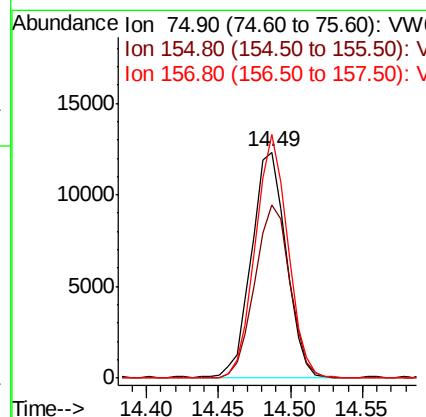
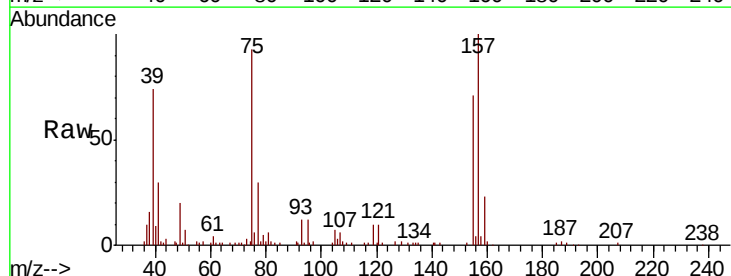
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

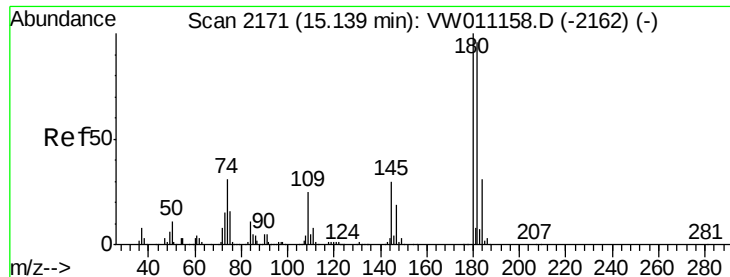
Tgt Ion:146 Resp: 245716
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.6 65.0
 148 63.7 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.123 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW011464.D
 Acq: 24 Jul 2019 10:11

Tgt Ion: 75 Resp: 20599
 Ion Ratio Lower Upper
 75 100
 155 77.3 37.1 111.3
 157 100.7 48.5 145.6

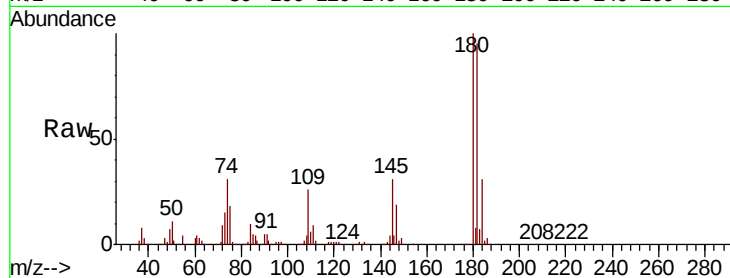




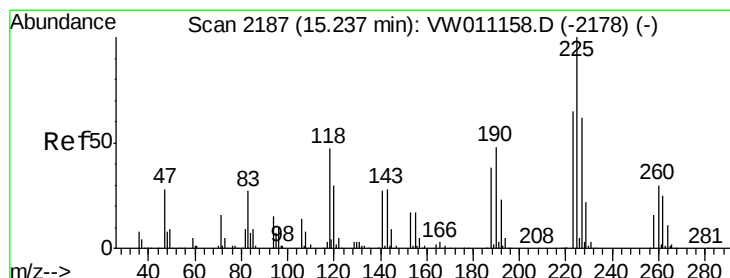
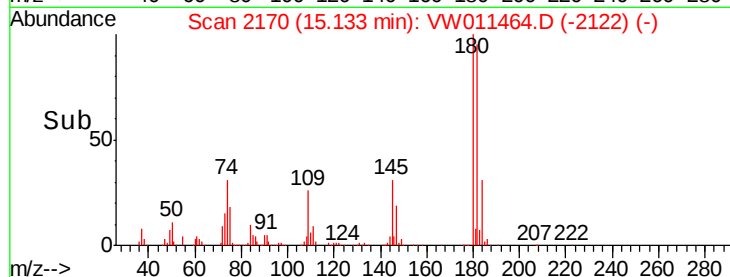
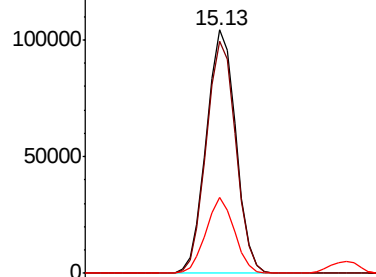
#93
 1,2,4-Trichlorobenzene
 Concen: 51.294 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: VW011464.D
 Acq: 24 Jul 2019 10:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	173756		
182	95.6	48.3	144.9	
145	30.0	15.5	46.5	

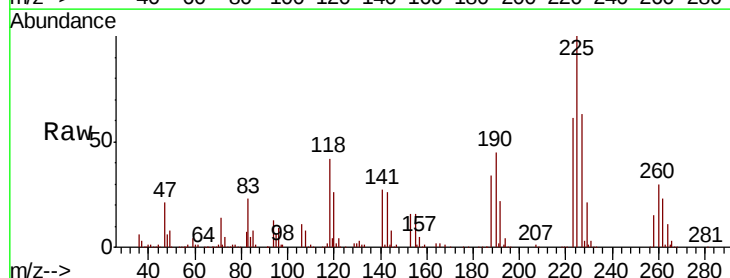


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

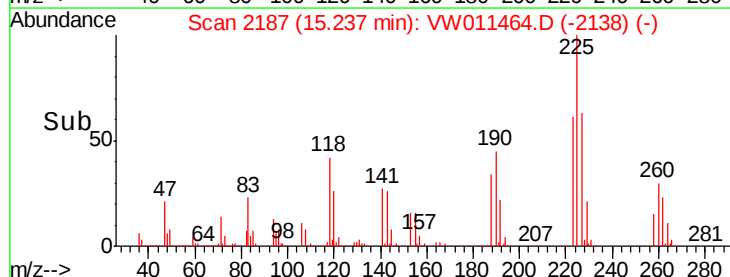
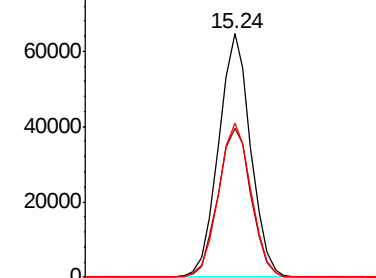


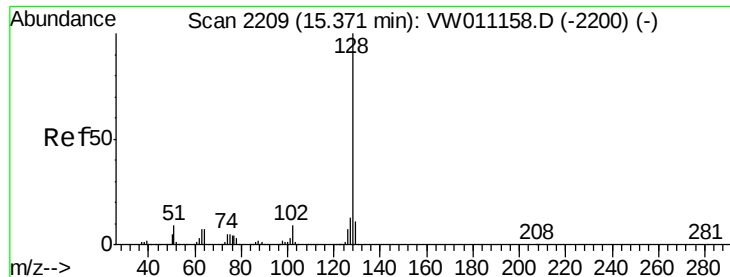
#94
 Hexachlorobutadiene
 Concen: 51.172 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW011464.D
 Acq: 24 Jul 2019 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	106422		
223	63.5	31.6	95.0	
227	64.6	32.0	96.0	



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

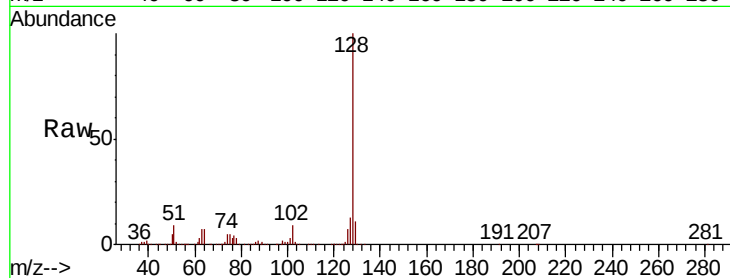




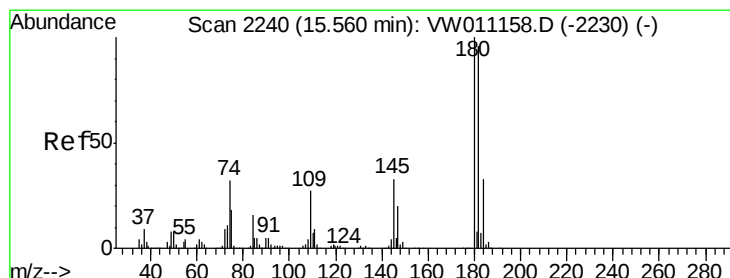
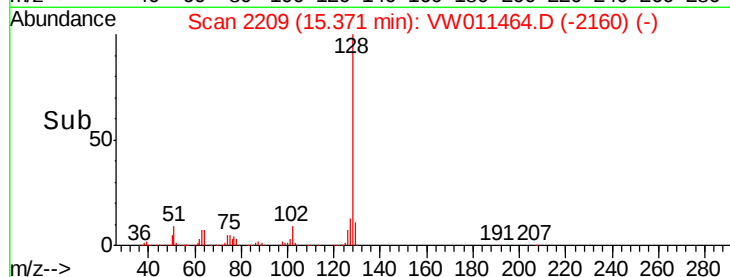
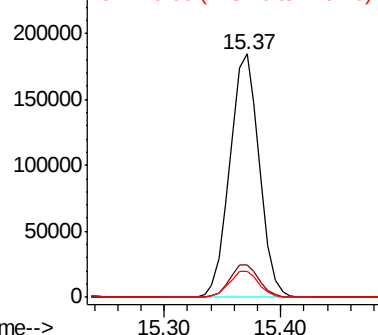
#95
Naphthalene
Concen: 50.214 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 325956
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 10.9 8.7 13.1

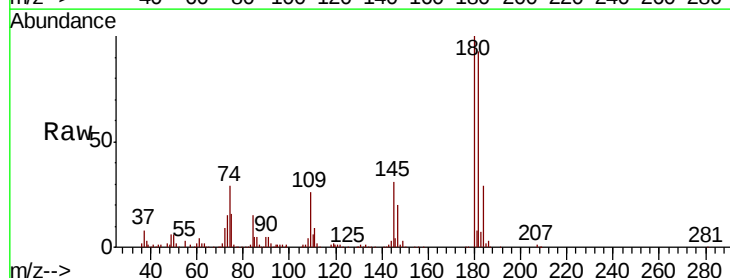


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 50.244 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW011464.D
Acq: 24 Jul 2019 10:11

Tgt Ion:180 Resp: 150209
Ion Ratio Lower Upper
180 100
182 95.0 47.6 142.8
145 32.2 16.5 49.5



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

