

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071119\
 Data File : VW011198.D
 Acq On : 10 Jul 2019 18:42
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 11 08:06:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 10 06:41:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	208643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	340960	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	309631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	153044	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	128906	49.17	ug/l	0.00
Spiked Amount			Recovery	=	98.34%	
35) Dibromofluoromethane	7.88	113	101379	49.88	ug/l	0.00
Spiked Amount			Recovery	=	99.76%	
50) Toluene-d8	10.32	98	410329	49.95	ug/l	0.00
Spiked Amount			Recovery	=	99.90%	
62) 4-Bromofluorobenzene	12.62	95	149406	49.62	ug/l	0.00
Spiked Amount			Recovery	=	99.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	70558	45.344	ug/l	100
3) Chloromethane	2.21	50	95927	47.842	ug/l	95
4) Vinyl Chloride	2.36	62	124983	47.624	ug/l	95
5) Bromomethane	2.77	94	66178	50.183	ug/l	94
6) Chloroethane	2.92	64	70536	49.900	ug/l	96
7) Trichlorofluoromethane	3.24	101	41289	44.287	ug/l	99
8) Diethyl Ether	3.68	74	64618	50.092	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	110240	49.365	ug/l	99
10) Methyl Iodide	4.27	142	153929	50.116	ug/l	100
11) Tert butyl alcohol	5.17	59	46161	237.820	ug/l	98
12) 1,1-Dichloroethene	4.04	96	115667	49.903	ug/l	95
13) Acrolein	3.89	56	47015	304.185	ug/l	99
14) Allyl chloride	4.66	41	203456	48.137	ug/l	99
15) Acrylonitrile	5.36	53	166071	252.780	ug/l	100
16) Acetone	4.12	43	160195	253.953	ug/l	99
17) Carbon Disulfide	4.38	76	340346	48.435	ug/l	100
18) Methyl Acetate	4.67	43	79479	40.289	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	176510	50.189	ug/l	100
20) Methylene Chloride	4.92	84	126404	50.796	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	121093	50.279	ug/l	98
22) Diisopropyl ether	6.31	45	468216	51.505	ug/l	98
23) Vinyl Acetate	6.25	43	1531065	272.142	ug/l	100
24) 1,1-Dichloroethane	6.21	63	242525	50.805	ug/l	99
25) 2-Butanone	7.17	43	250342	252.820	ug/l	98
26) 2,2-Dichloropropane	7.16	77	116387	46.904	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	132574	51.029	ug/l	99
28) Bromochloromethane	7.51	49	99448	45.816	ug/l	100
29) Tetrahydrofuran	7.52	42	164493	253.346	ug/l	100
30) Chloroform	7.67	83	222060	50.230	ug/l	100
31) Cyclohexane	7.95	56	239245	47.110	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	165669	49.263	ug/l	99
36) 1,1-Dichloropropene	8.08	75	180625	49.747	ug/l	99
37) Ethyl Acetate	7.25	43	112233	51.447	ug/l	99
38) Carbon Tetrachloride	8.07	117	154484	50.190	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	223120	50.699	ug/l	98
40) Benzene	8.32	78	509143	50.740	ug/l	100
41) Methacrylonitrile	7.48	41	68285	54.729	ug/l	96
42) 1,2-Dichloroethane	8.40	62	167353	51.412	ug/l	100
43) Isopropyl Acetate	8.42	43	213108	51.741	ug/l	99
44) Trichloroethene	9.09	130	120623	49.954	ug/l	98
45) 1,2-Dichloropropane	9.37	63	141018	51.897	ug/l	99
46) Dibromomethane	9.46	93	65609	51.400	ug/l	99
47) Bromodichloromethane	9.64	83	169409	51.871	ug/l	97
48) Methyl methacrylate	9.43	41	102865	51.912	ug/l	99
49) 1,4-Dioxane	9.45	88	22679	1064.437	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	563051	261.700	ug/l	100
52) Toluene	10.38	92	312874	51.400	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	176980	50.908	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	207678	50.753	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	94556	52.217	ug/l	98
56) Ethyl methacrylate	10.65	69	145485	52.770	ug/l	99
57) 1,3-Dichloropropane	10.93	76	178768	52.206	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	346055	270.752	ug/l	100
59) 2-Hexanone	10.97	43	392794	263.253	ug/l	99
60) Dibromochloromethane	11.13	129	103847	52.297	ug/l	100
61) 1,2-Dibromoethane	11.24	107	89085	51.936	ug/l	100
64) Tetrachloroethene	10.86	164	101649	48.652	ug/l	99
65) Chlorobenzene	11.66	112	316871	50.336	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	112399	50.710	ug/l	98
67) Ethyl Benzene	11.73	91	607227	50.387	ug/l	99
68) m/p-Xylenes	11.84	106	442682	101.518	ug/l	100
69) o-Xylene	12.16	106	209382	50.945	ug/l	99
70) Styrene	12.18	104	366788	51.711	ug/l	99
71) Bromoform	12.35	173	57772	49.022	ug/l #	99
73) Isopropylbenzene	12.46	105	572024	49.999	ug/l	100
74) N-amyl acetate	12.27	43	204829	51.407	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	116911	49.852	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	152316	86.121	ug/l #	100
77) Bromobenzene	12.75	156	127974	49.844	ug/l	100
78) n-propylbenzene	12.80	91	707522	50.203	ug/l	100
79) 2-Chlorotoluene	12.89	91	406752	50.155	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	490205	50.436	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	36576	46.775	ug/l	97
82) 4-Chlorotoluene	12.99	91	420454	49.775	ug/l	100
83) tert-Butylbenzene	13.21	119	409416	50.508	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	493978	50.616	ug/l	100
85) sec-Butylbenzene	13.38	105	587162	50.200	ug/l	100
86) p-Isopropyltoluene	13.50	119	532186	50.729	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	253409	51.299	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	250478	50.354	ug/l	100
89) n-Butylbenzene	13.82	91	541593	51.751	ug/l	99
90) Hexachloroethane	14.10	117	94939	49.524	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	226293	50.495	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20188	48.531	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Jul 10 06:41:08 2019
Response via : Initial Calibration

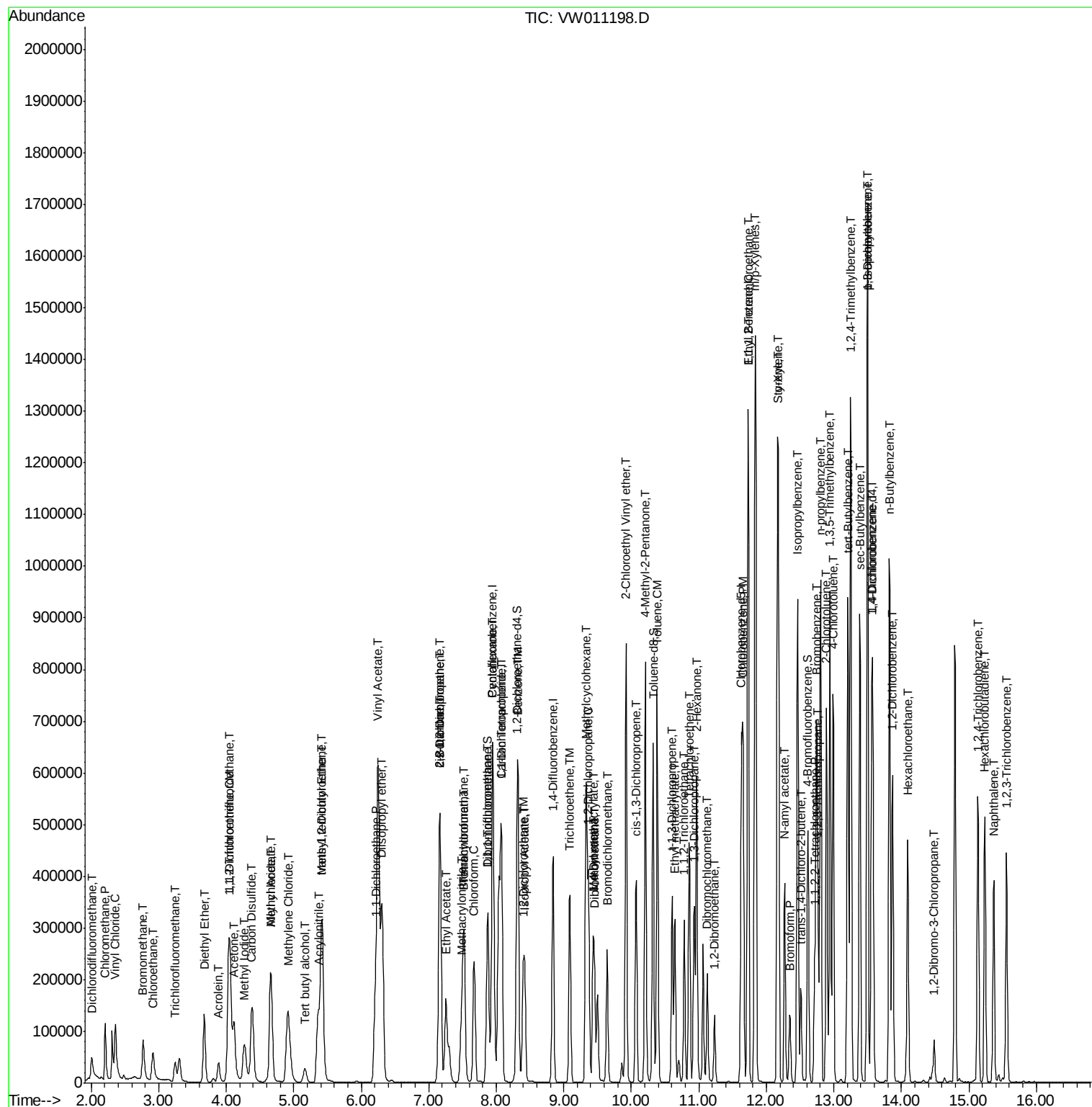
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	164706	53.359	ug/l	99
94) Hexachlorobutadiene	15.24	225	97844	51.631	ug/l	100
95) Naphthalene	15.37	128	321730	54.392	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	147687	54.213	ug/l	99

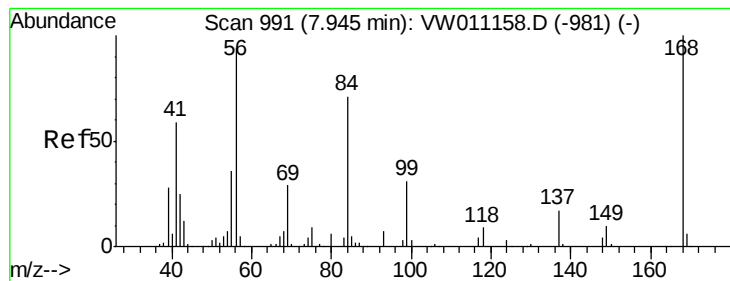
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011198.D

Acq: 10 Jul 2019 18:42

Instrument :

MSVOA_W

ClientSampleId :

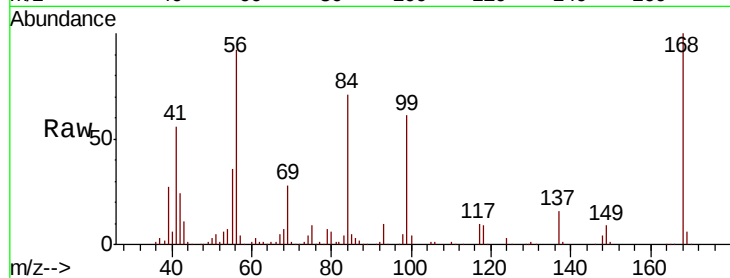
VSTDCCC050

Tot Ion:168 Resp: 208643

Ion Ratio Lower Upper

168 100

99 60.5 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

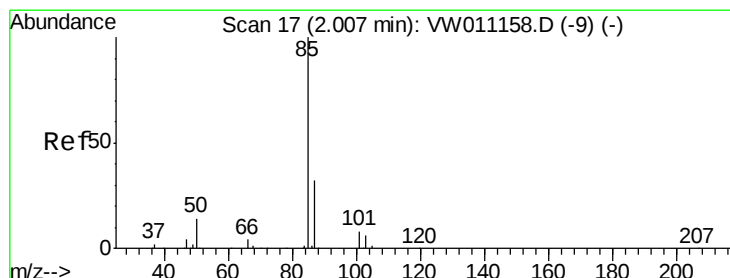
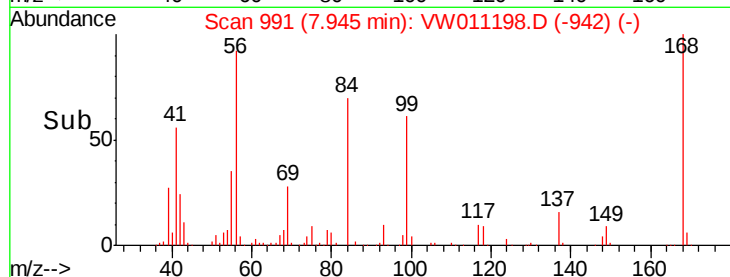
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 45.344 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW011198.D

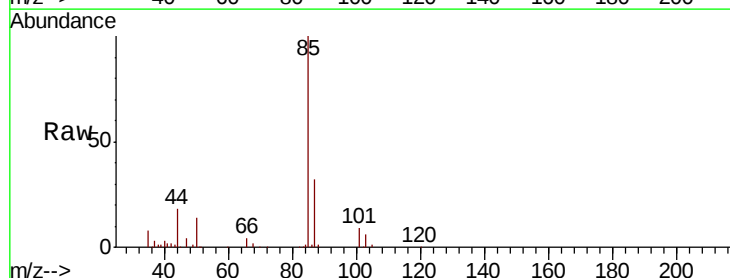
Acq: 10 Jul 2019 18:42

Tgt Ion: 85 Resp: 70558

Ion Ratio Lower Upper

85 100

87 31.6 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

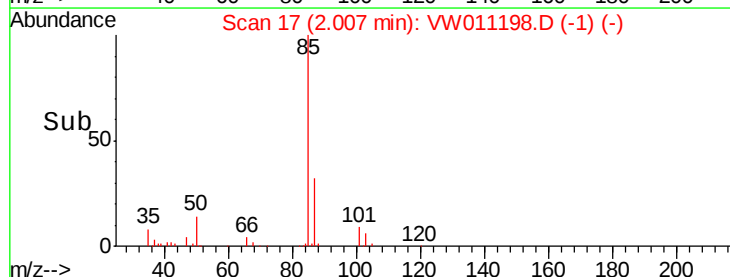
15000

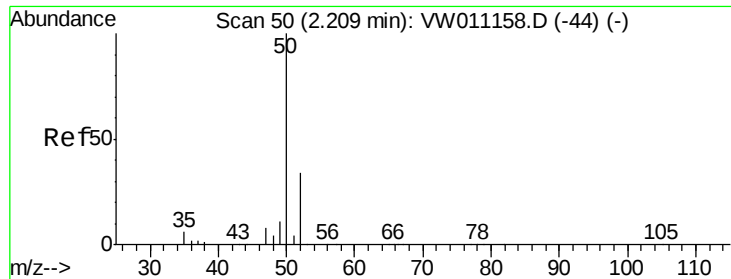
10000

5000

0

Time--> 1.90 2.00 2.10 2.20 2.30





#3

Chloromethane

Concen: 47.842 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW011198.D

Acq: 10 Jul 2019 18:42

Instrument :

MSVOA_W

ClientSampleId :

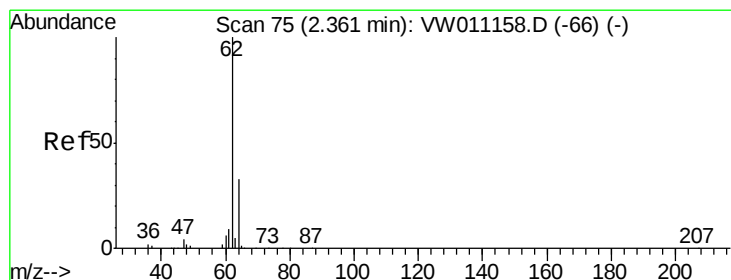
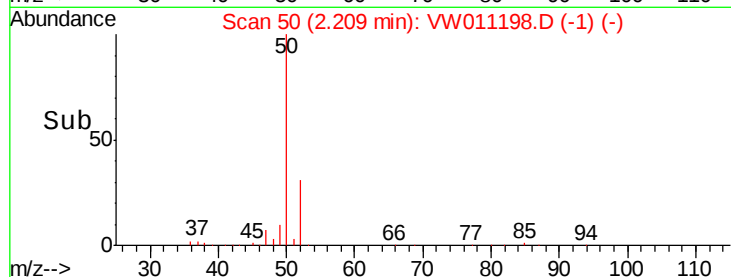
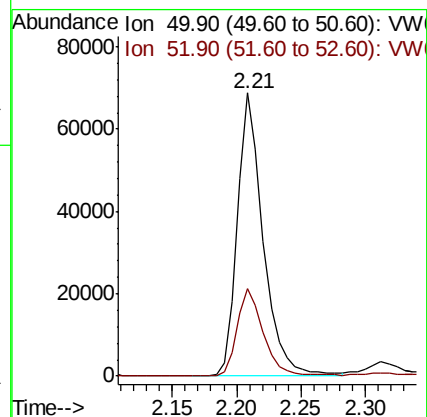
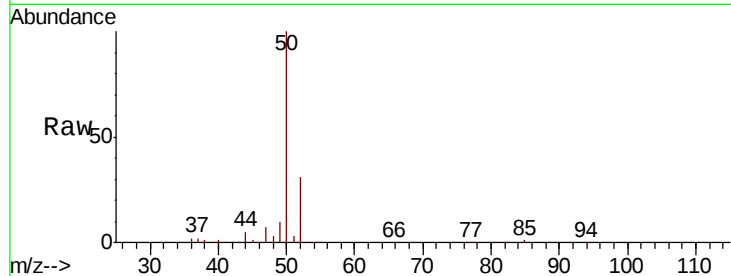
VSTDCCC050

Tot Ion: 50 Resp: 95927

Ion Ratio Lower Upper

50 100

52 30.8 26.9 40.3



#4

Vinyl Chloride

Concen: 47.624 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW011198.D

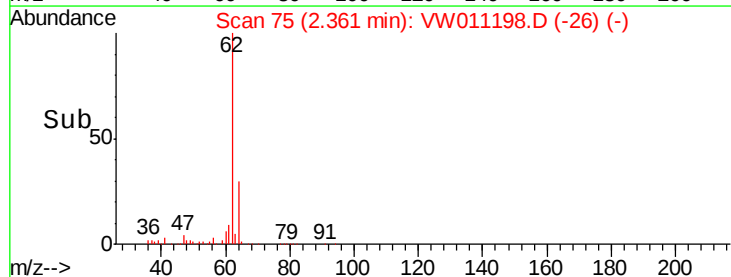
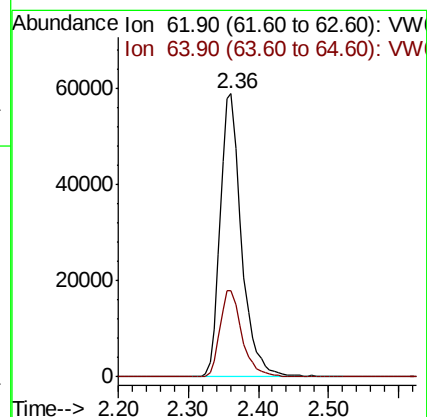
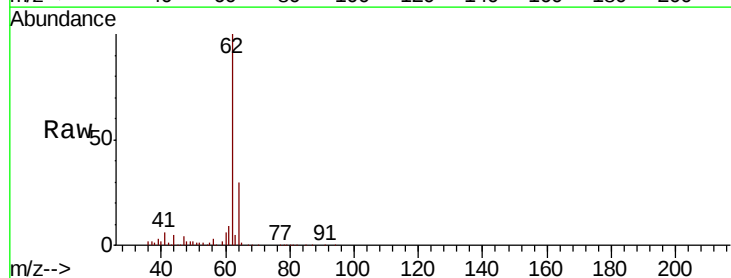
Acq: 10 Jul 2019 18:42

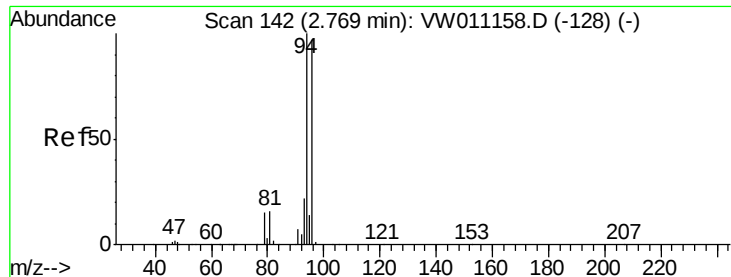
Tgt Ion: 62 Resp: 124983

Ion Ratio Lower Upper

62 100

64 30.4 26.6 40.0





#5

Bromomethane

Concen: 50.183 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW011198.D

Acq: 10 Jul 2019 18:42

Instrument :

MSVOA_W

ClientSampleId :

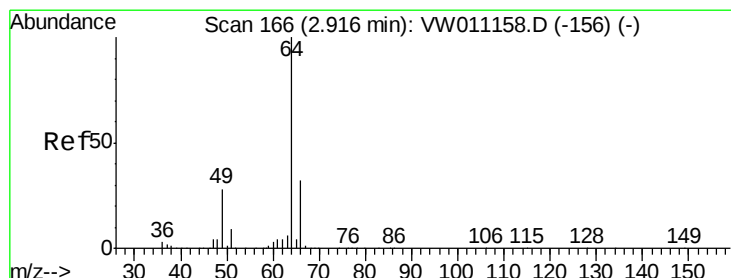
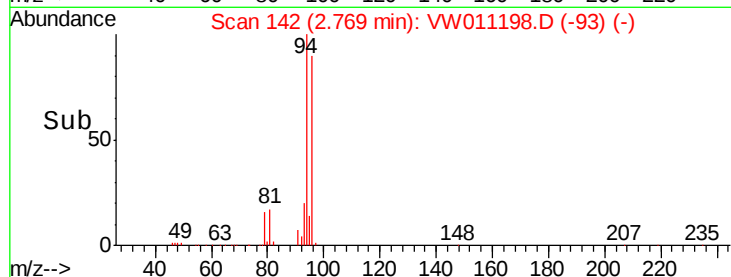
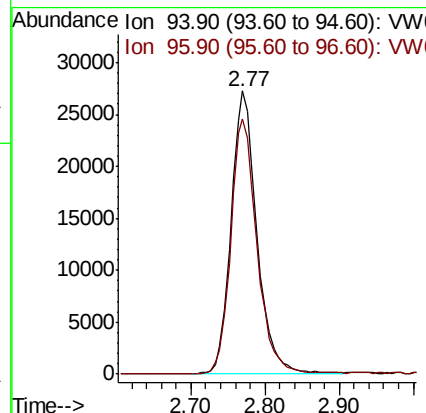
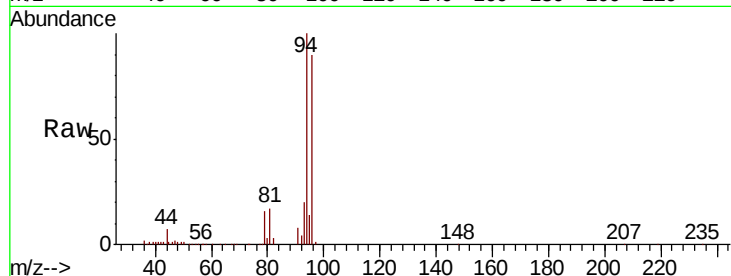
VSTDCCC050

Tot Ion: 94 Resp: 66178

Ion Ratio Lower Upper

94 100

96 90.4 77.4 116.0



#6

Chloroethane

Concen: 49.900 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW011198.D

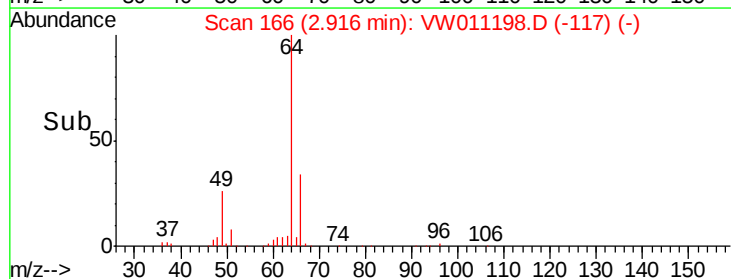
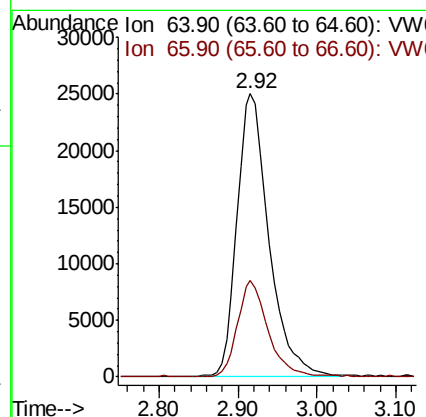
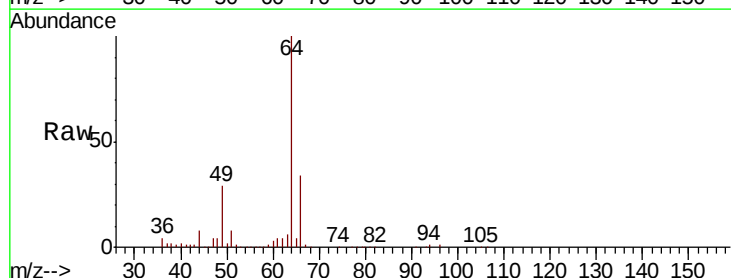
Acq: 10 Jul 2019 18:42

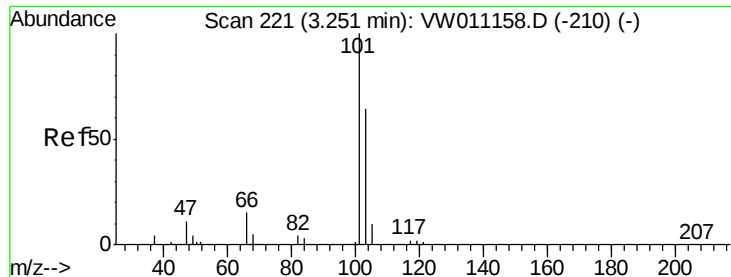
Tgt Ion: 64 Resp: 70536

Ion Ratio Lower Upper

64 100

66 34.3 25.8 38.8



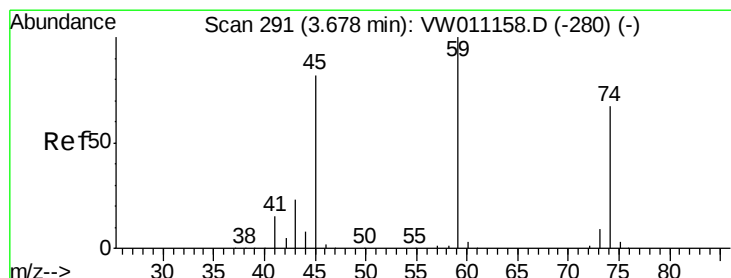
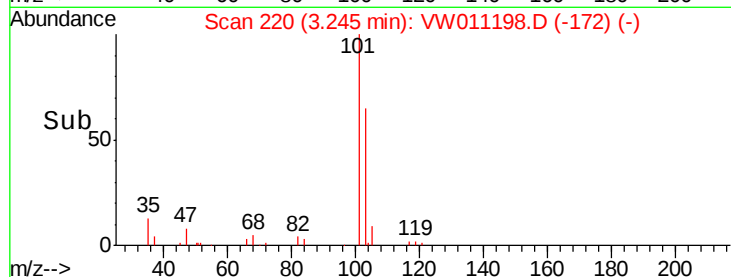
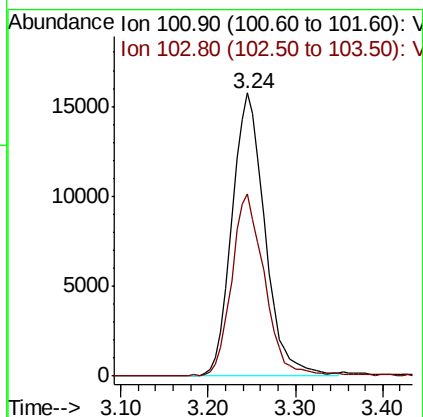
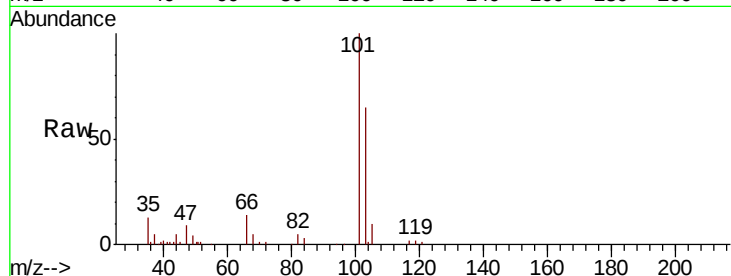


#7

Trichlorofluoromethane
 Concen: 44.287 ug/l
 RT: 3.24 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW011198.D
 Acq: 10 Jul 2019 18:42

Instrument :
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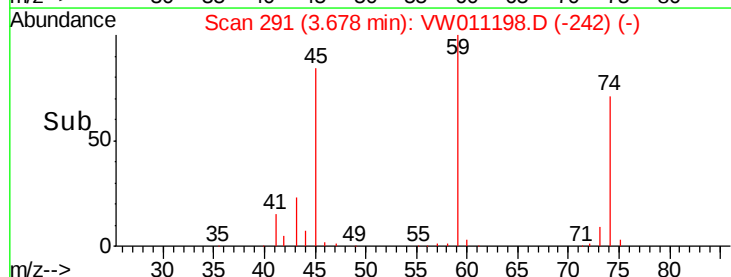
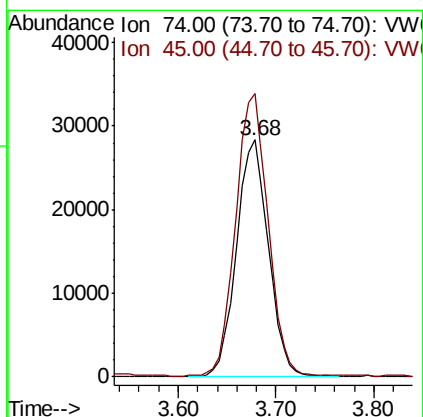
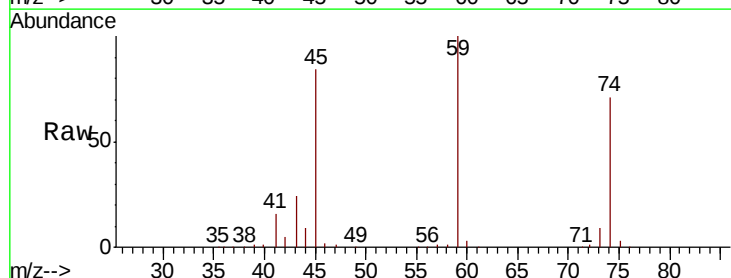
Tot Ion:101 Resp: 41289
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.3 76.9

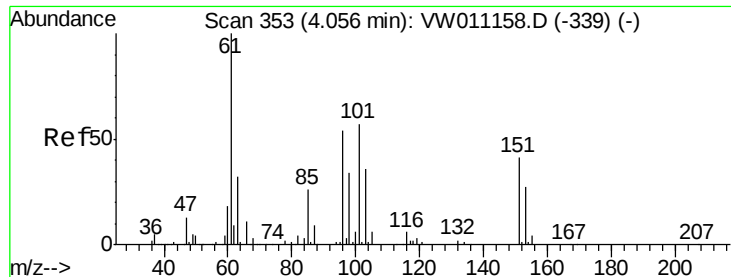


#8

Diethyl Ether
 Concen: 50.092 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW011198.D
 Acq: 10 Jul 2019 18:42

Tgt Ion: 74 Resp: 64618
 Ion Ratio Lower Upper
 74 100
 45 120.3 59.9 179.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.365 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.00 min

Lab File: VW011198.D

Acq: 10 Jul 2019 18:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

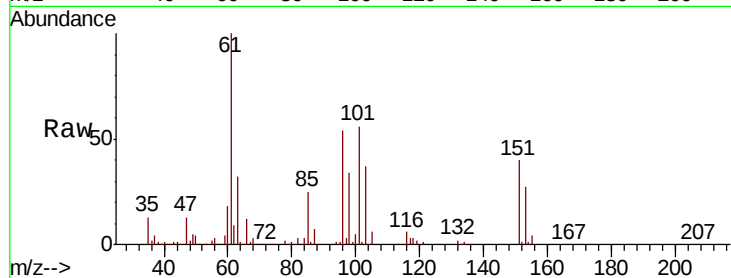
Tot Ion:101 Resp: 110240

Ion Ratio Lower Upper

101 100

85 44.7 36.5 54.7

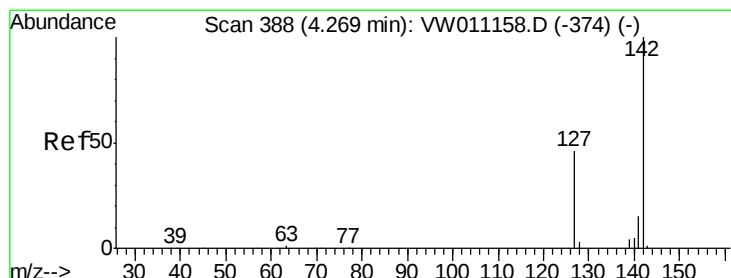
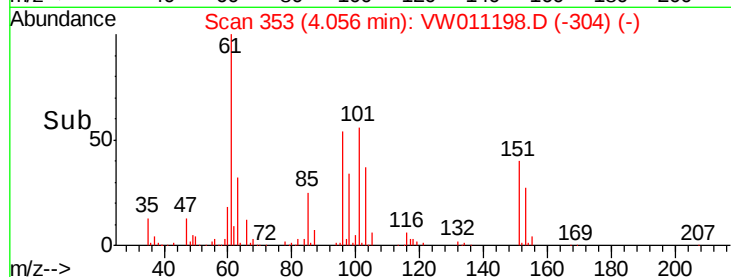
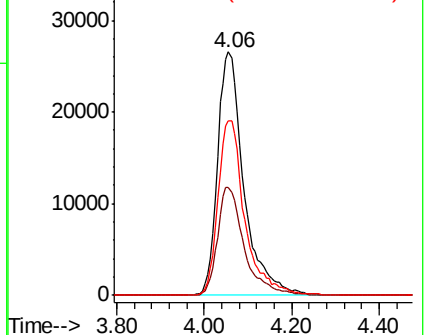
151 73.0 59.1 88.7



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: 50.116 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW011198.D

Acq: 10 Jul 2019 18:42

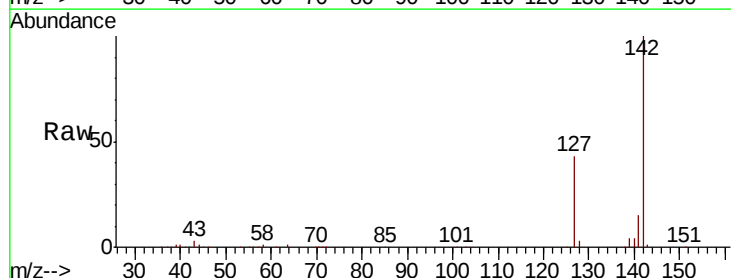
Tgt Ion:142 Resp: 153929

Ion Ratio Lower Upper

142 100

127 44.7 35.7 53.5

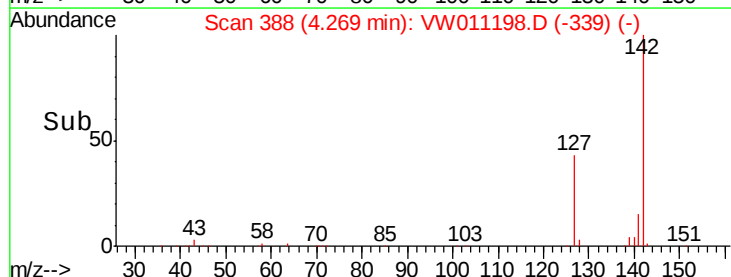
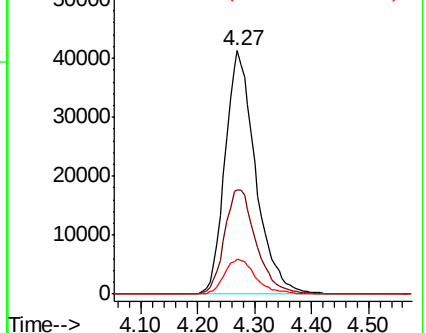
141 14.9 11.5 17.3

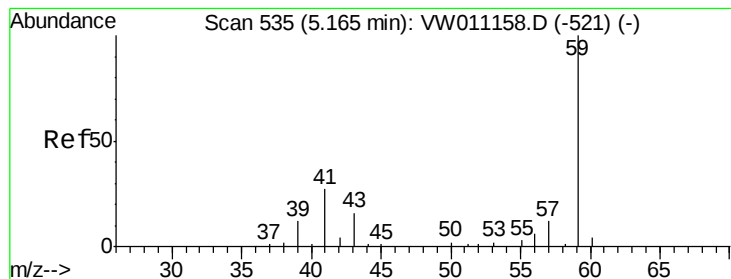


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



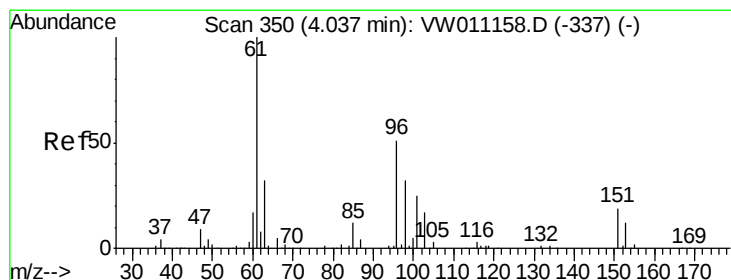
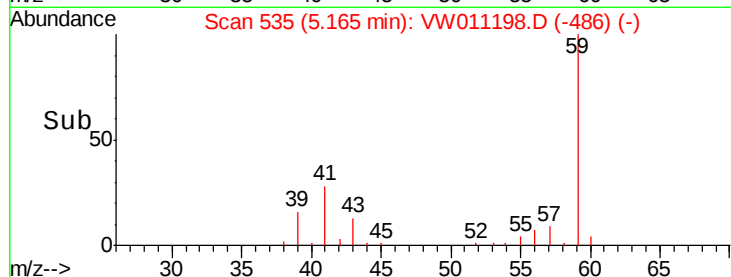
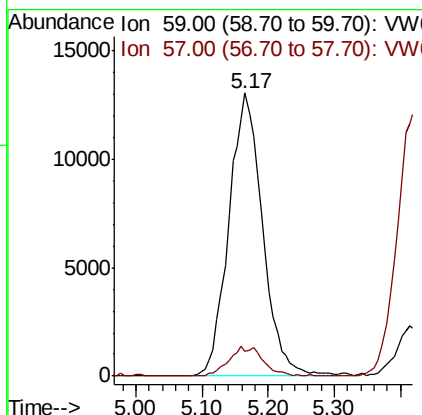
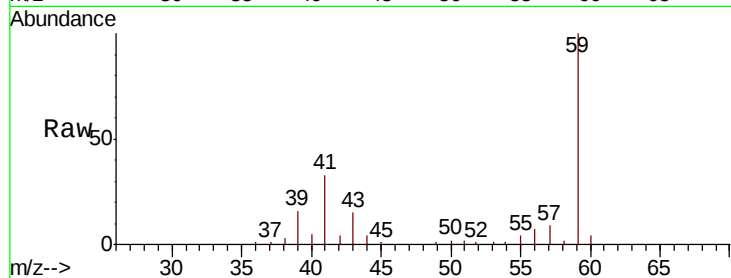


#11

Tert butyl alcohol
 Concen: 237.820 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: VW011198.D
 Acq: 10 Jul 2019 18:42

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

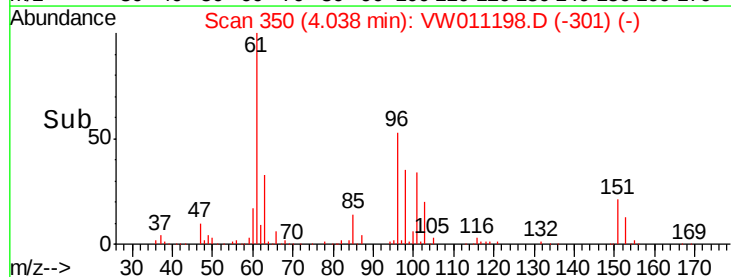
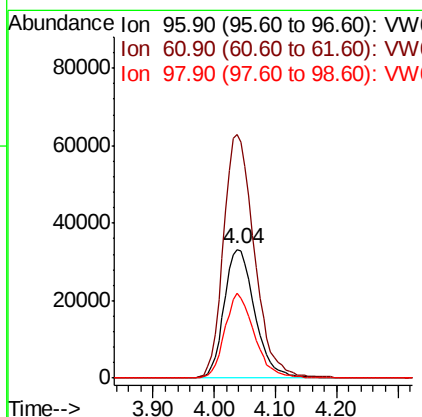
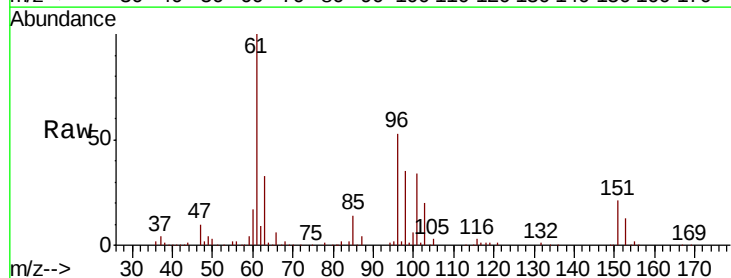
Tot Ion: 59 Resp: 46161
 Ion Ratio Lower Upper
 59 100
 57 10.5 9.0 13.6

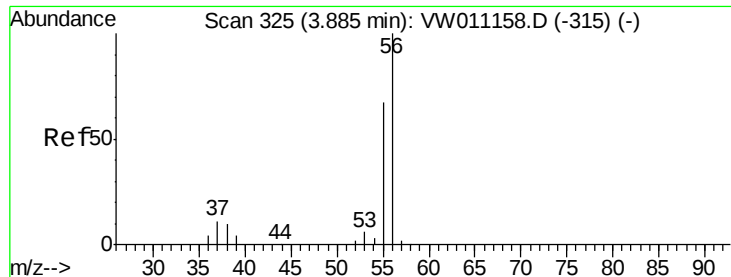


#12

1,1-Dichloroethene
 Concen: 49.903 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW011198.D
 Acq: 10 Jul 2019 18:42

Tgt Ion: 96 Resp: 115667
 Ion Ratio Lower Upper
 96 100
 61 188.9 157.7 236.5
 98 65.8 50.9 76.3

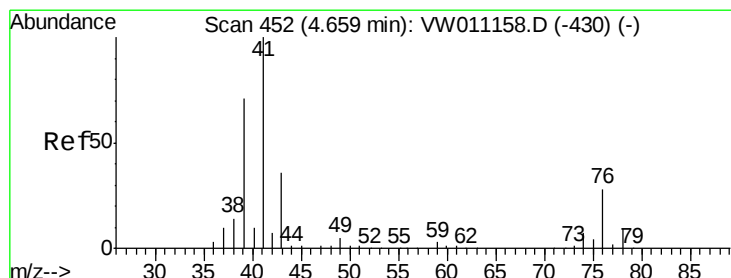
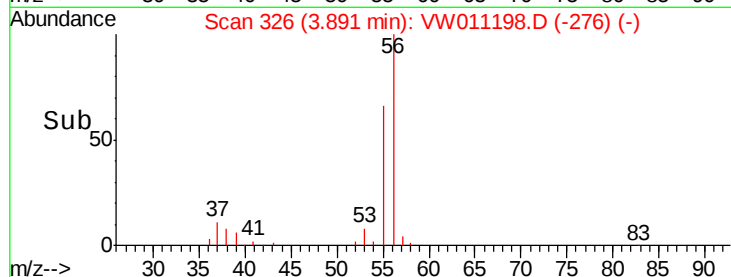
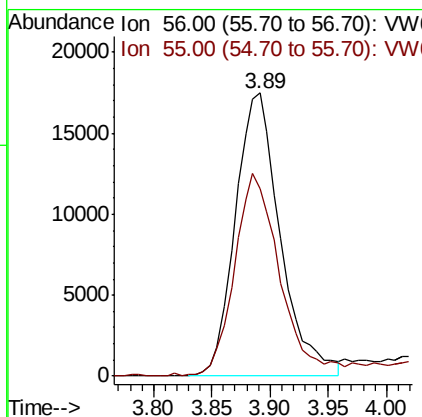
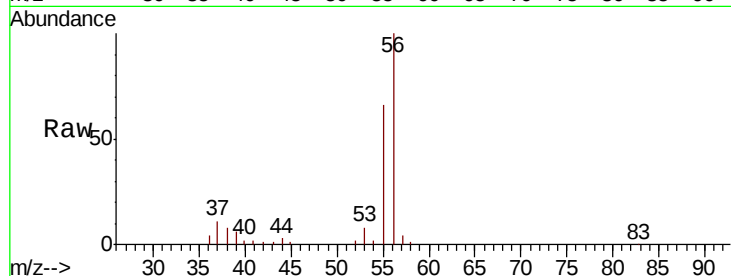




#13
 Acrolein
 Concen: 304.185 ug/l
 RT: 3.89 min Scan# 326
 Delta R.T. 0.01 min
 Lab File: VW011198.D
 Acq: 10 Jul 2019 18:42

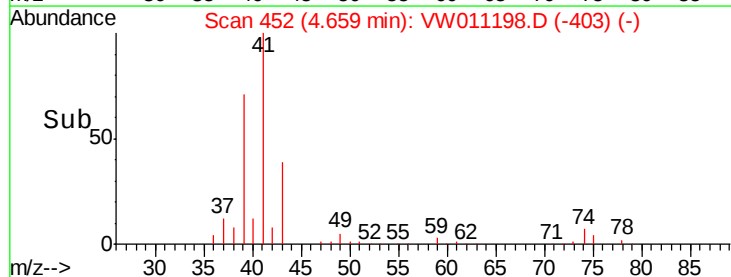
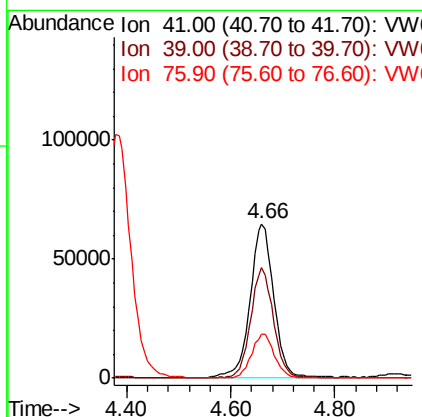
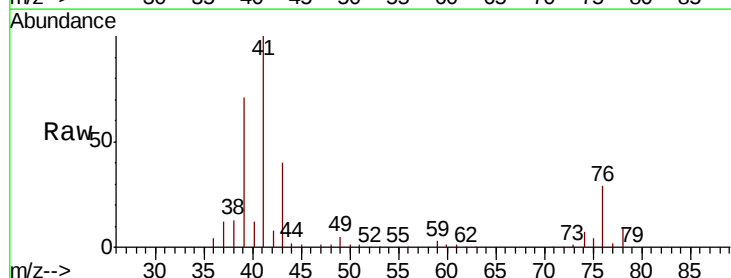
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

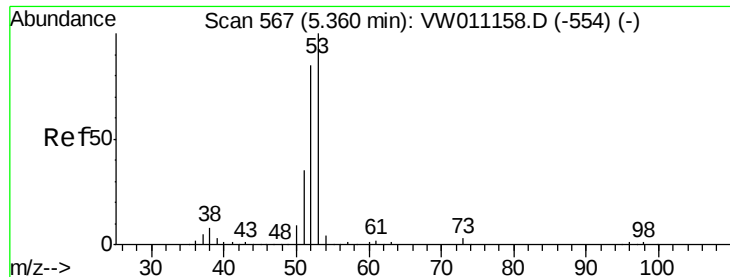
Tot Ion: 56 Resp: 47015
 Ion Ratio Lower Upper
 56 100
 55 71.3 56.4 84.6



#14
 Allyl chloride
 Concen: 48.137 ug/l
 RT: 4.66 min Scan# 452
 Delta R.T. 0.00 min
 Lab File: VW011198.D
 Acq: 10 Jul 2019 18:42

Tgt Ion: 41 Resp: 203456
 Ion Ratio Lower Upper
 41 100
 39 68.4 55.1 82.7
 76 27.5 22.5 33.7





#15

Acrylonitrile

Concen: 252.780 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW011198.D

Acq: 10 Jul 2019 18:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

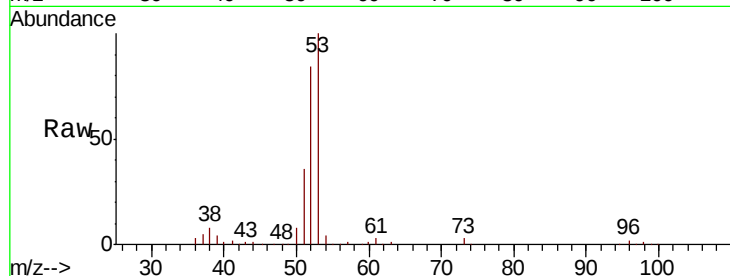
Tot Ion: 53 Resp: 166071

Ion Ratio Lower Upper

53 100

52 82.6 66.2 99.4

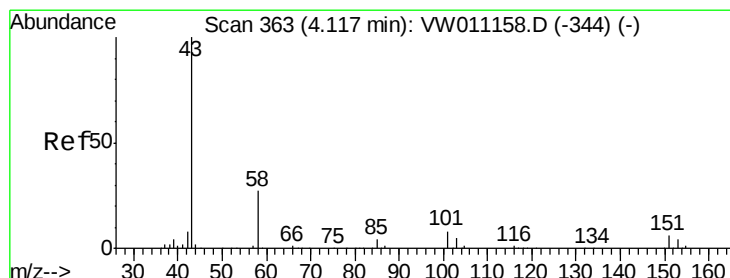
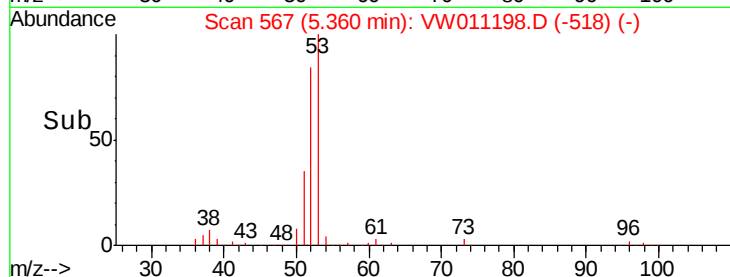
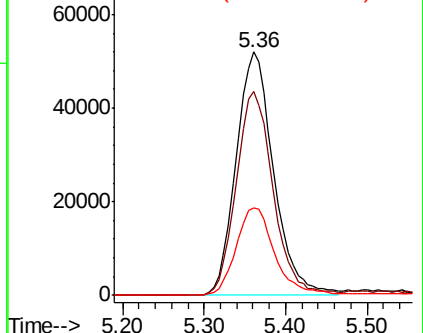
51 36.9 29.1 43.7



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: 253.953 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW011198.D

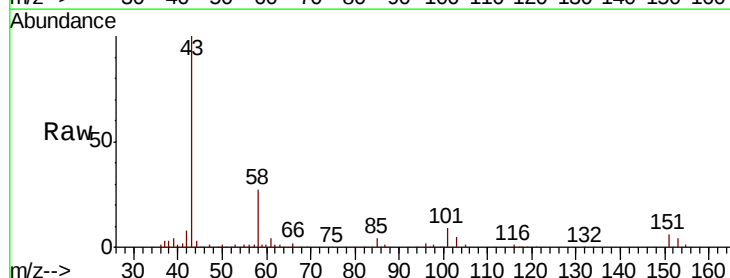
Acq: 10 Jul 2019 18:42

Tgt Ion: 43 Resp: 160195

Ion Ratio Lower Upper

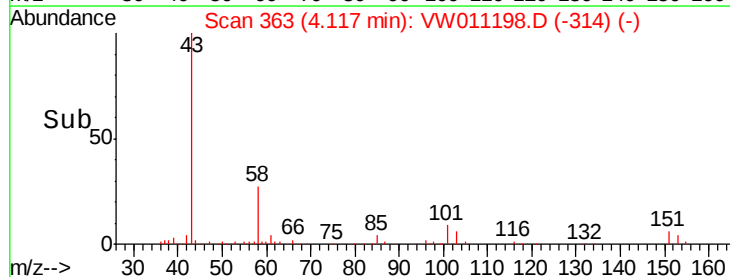
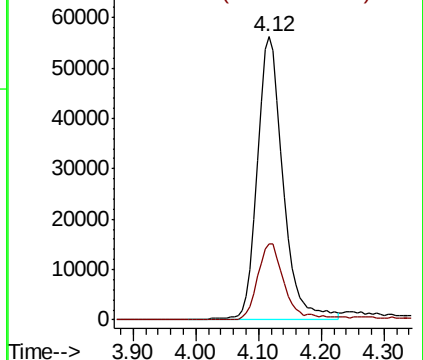
43 100

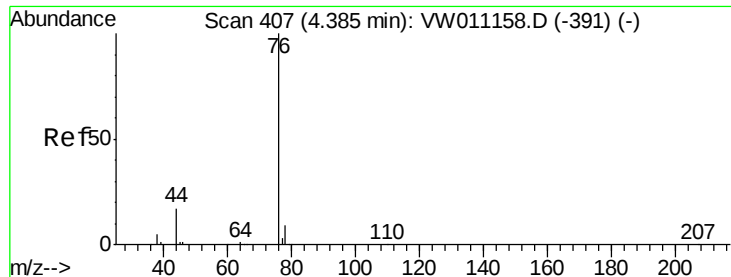
58 26.9 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

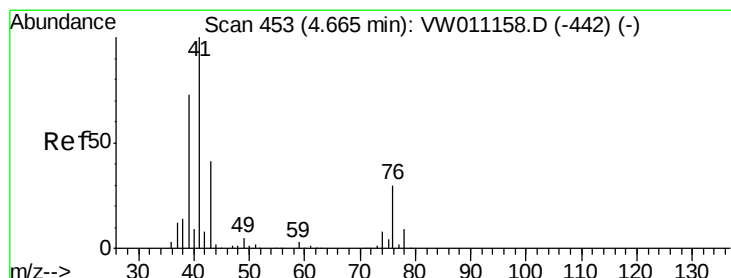
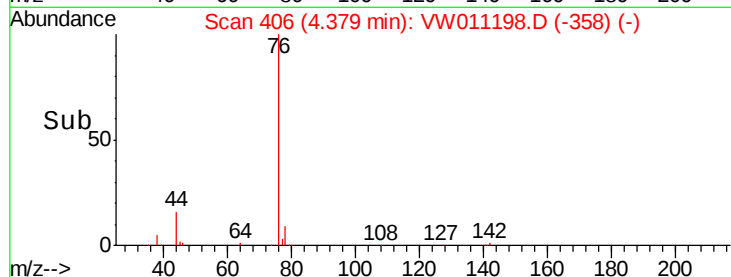
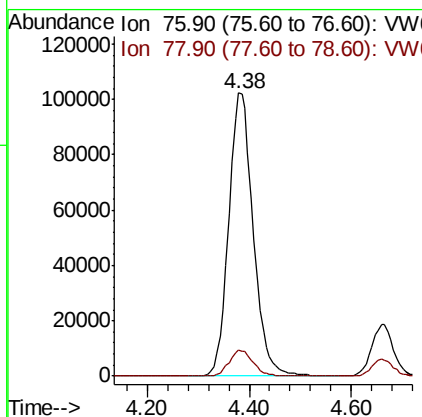
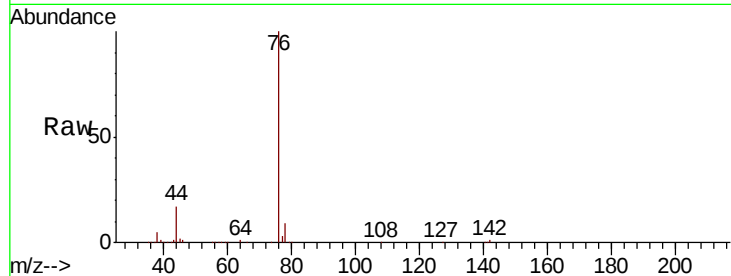




#17
Carbon Disulfide
Concen: 48.435 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW011198.D
Acq: 10 Jul 2019 18:42

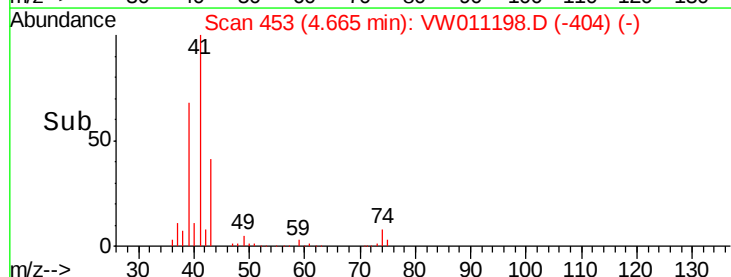
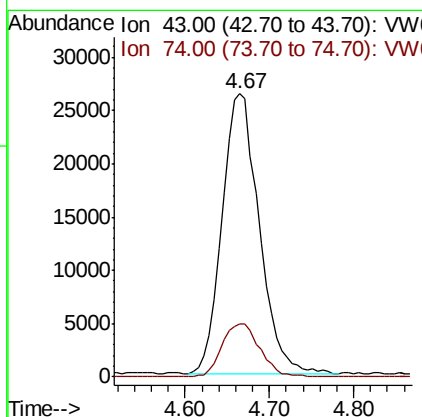
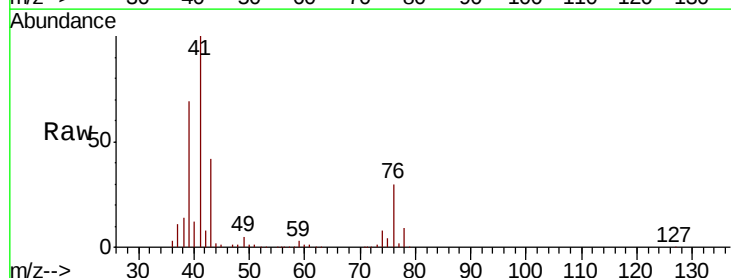
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

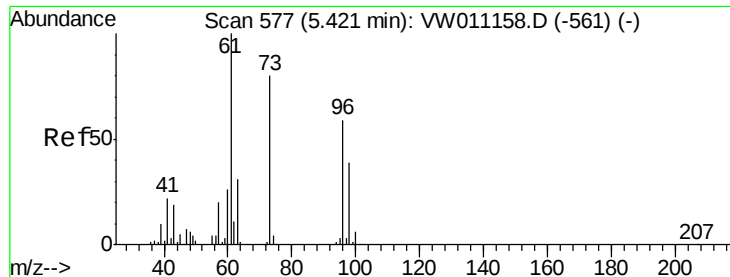
Tot Ion: 76 Resp: 340346
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 40.289 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW011198.D
Acq: 10 Jul 2019 18:42

Tgt Ion: 43 Resp: 79479
Ion Ratio Lower Upper
43 100
74 19.6 15.7 23.5

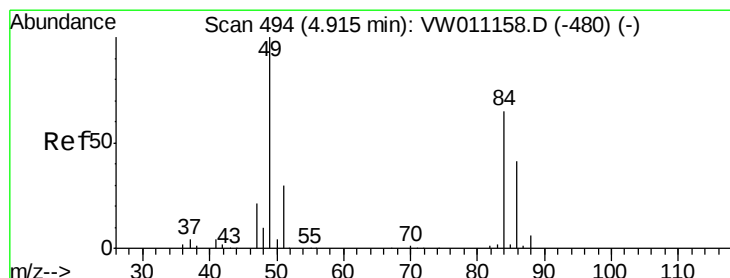
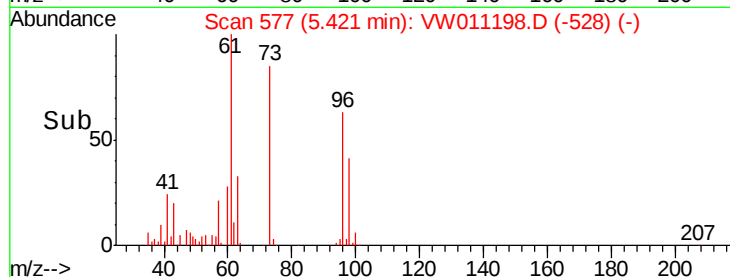
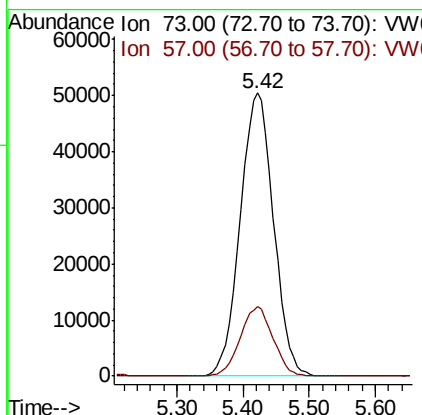
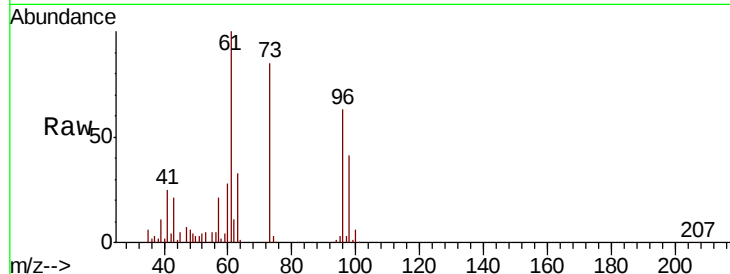




#19
Methvl tert-butvl Ether
Concen: 50.189 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW011198.D
Acq: 10 Jul 2019 18:42

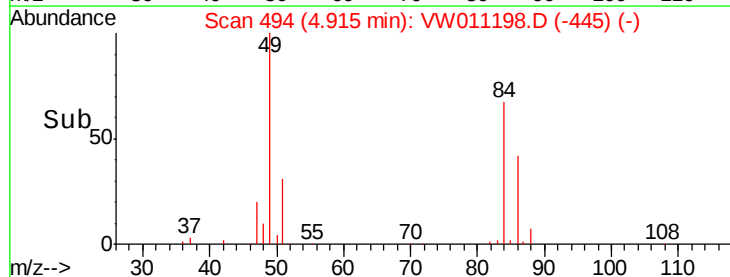
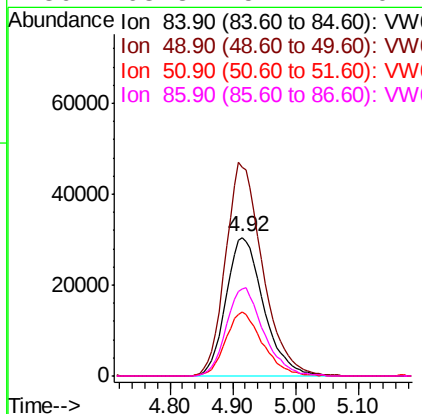
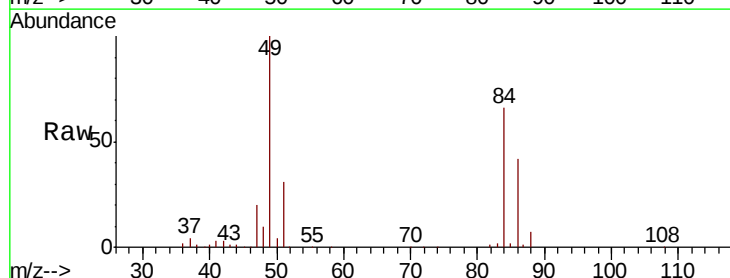
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

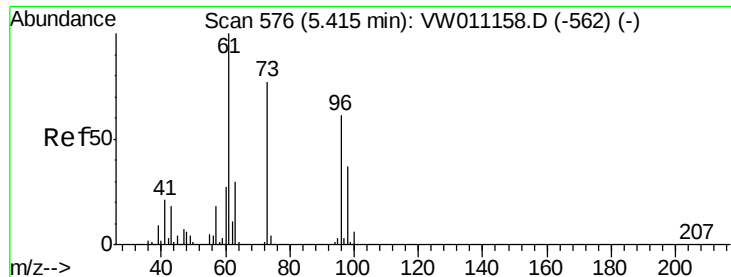
Tot Ion: 73 Resp: 176510
Ion Ratio Lower Upper
73 100
57 24.8 19.7 29.5



#20
Methylene Chloride
Concen: 50.796 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW011198.D
Acq: 10 Jul 2019 18:42

Tgt Ion: 84 Resp: 126404
Ion Ratio Lower Upper
84 100
49 150.5 123.8 185.6
51 46.3 37.4 56.2
86 63.3 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 50.279 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW011198.D

Acq: 10 Jul 2019 18:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

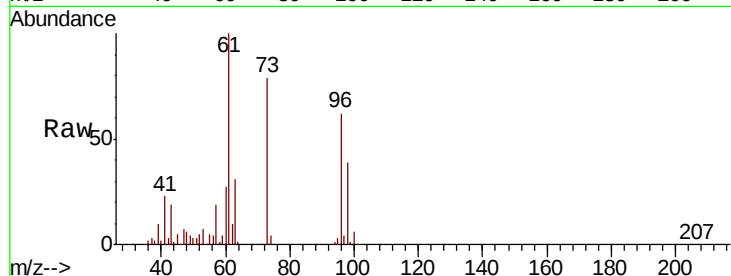
Tot Ion: 96 Resp: 121093

Ion Ratio Lower Upper

96 100

61 162.5 132.2 198.2

98 63.5 49.4 74.0

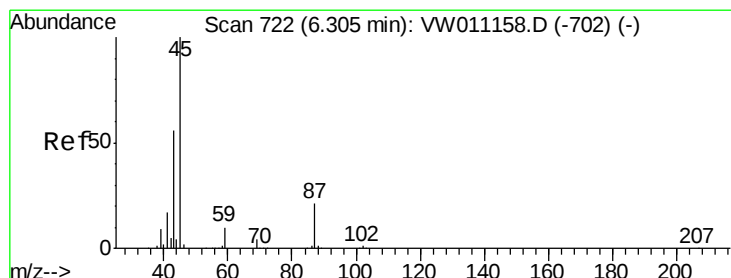
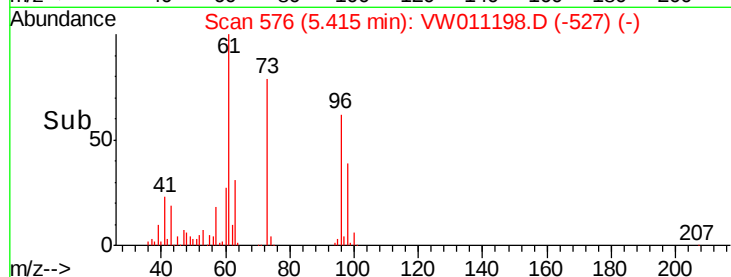
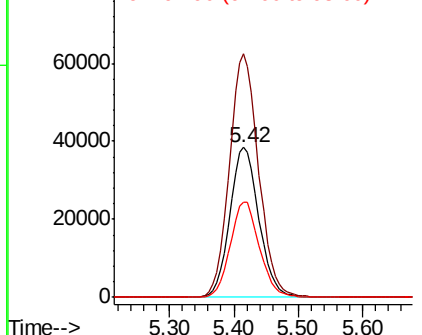


Abundance

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: 51.505 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW011198.D

Acq: 10 Jul 2019 18:42

Tgt Ion: 45 Resp: 468216

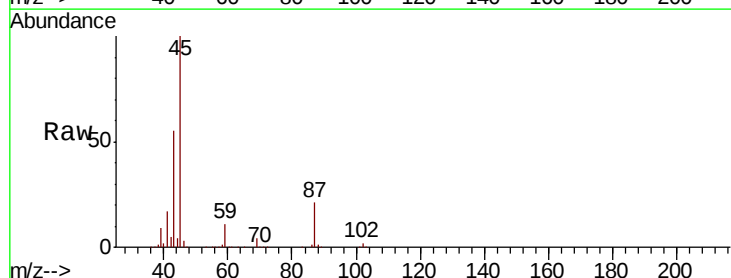
Ion Ratio Lower Upper

45 100

43 54.3 44.6 66.8

87 20.5 17.3 25.9

59 10.6 8.2 12.2



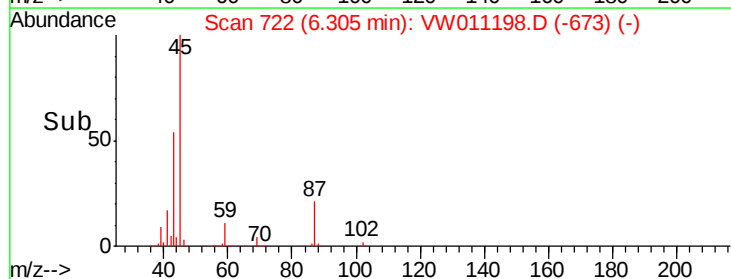
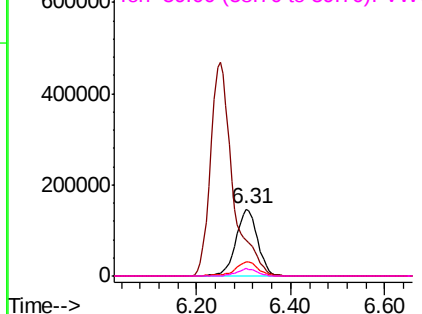
Abundance

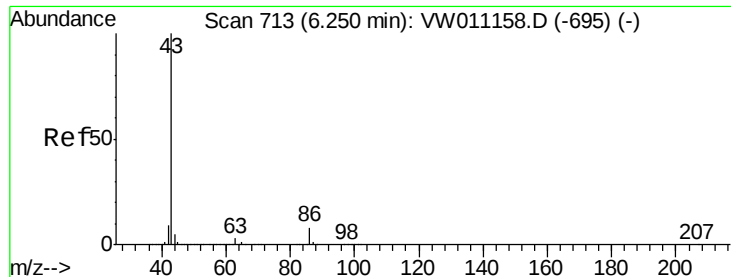
Ion 45.00 (44.70 to 45.70): VW

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: 272.142 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW011198.D

Acq: 10 Jul 2019 18:42

Instrument :

MSVOA_W

ClientSampleId :

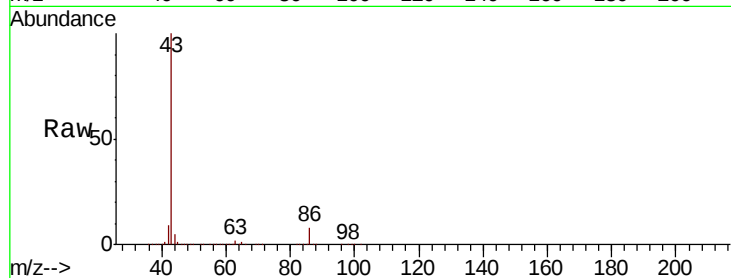
VSTDCCC050

Tot Ion: 43 Resp: 1531065

Ion Ratio Lower Upper

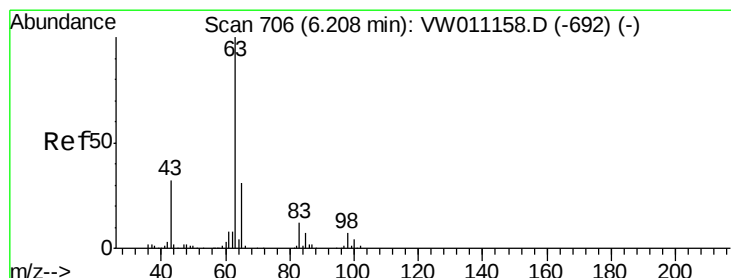
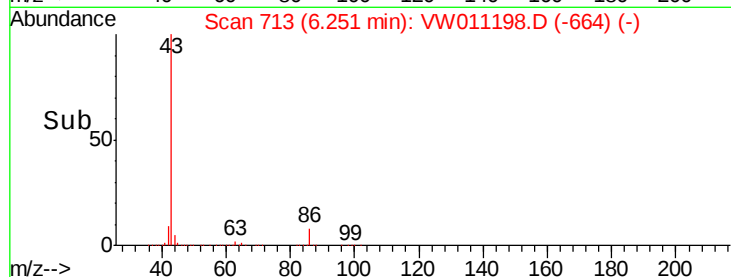
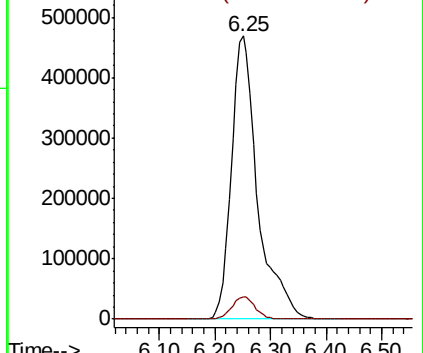
43 100

86 8.1 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 50.805 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW011198.D

Acq: 10 Jul 2019 18:42

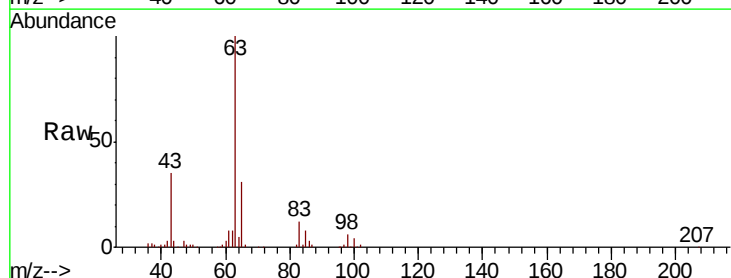
Tgt Ion: 63 Resp: 242525

Ion Ratio Lower Upper

63 100

98 6.1 3.3 9.9

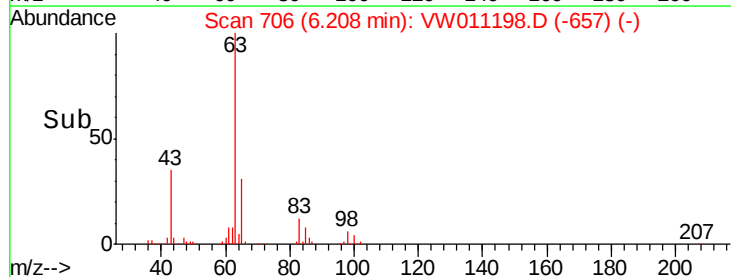
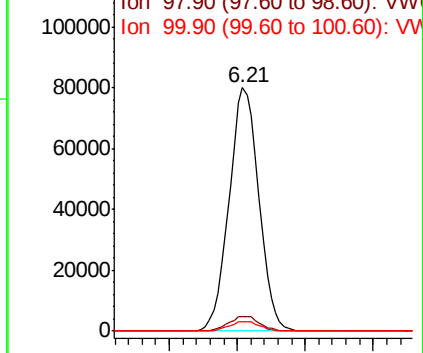
100 3.7 2.1 6.2



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





#25

2-Butanone

Concen: 252.820 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW011198.D

Acq: 10 Jul 2019 18:42

Instrument :

MSVOA_W

ClientSampled :

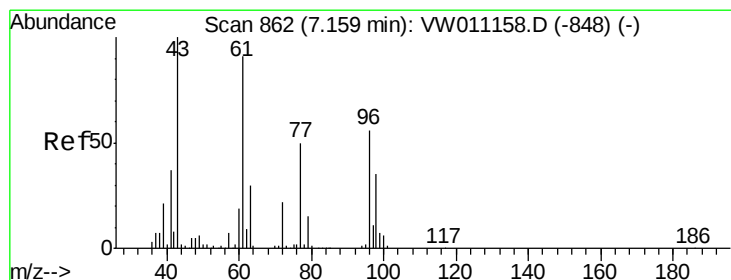
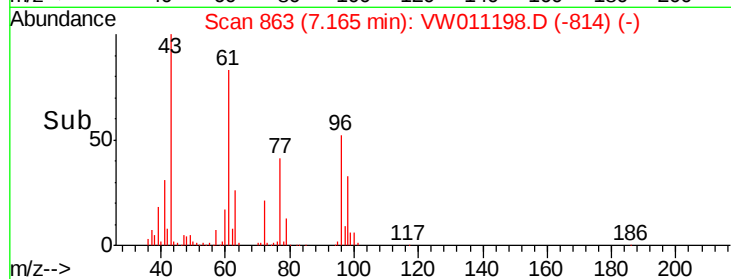
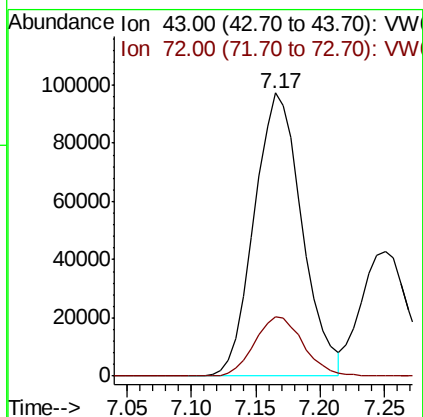
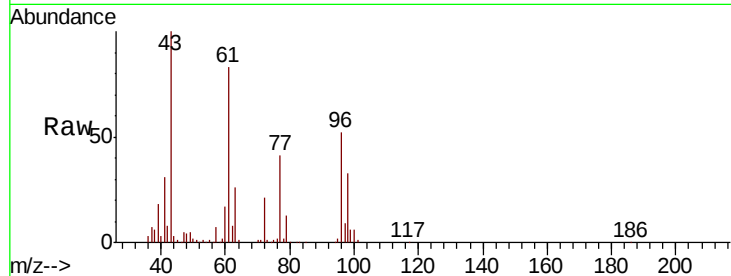
VSTDCCC050

Tot Ion: 43 Resp: 250342

Ion Ratio Lower Upper

43 100

72 20.9 17.6 26.4



#26

2,2-Dichloropropane

Concen: 46.904 ug/l

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW011198.D

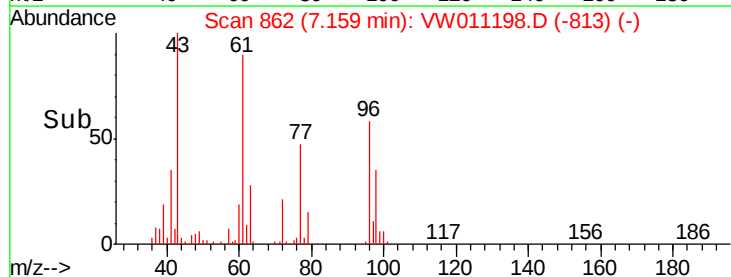
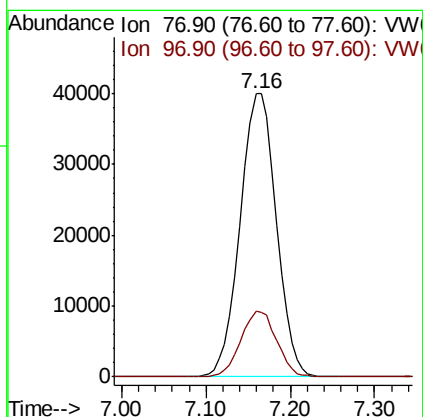
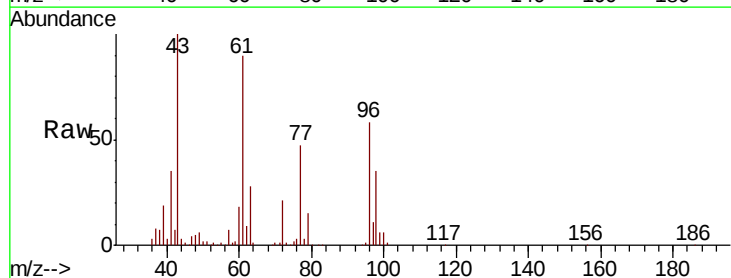
Acq: 10 Jul 2019 18:42

Tgt Ion: 77 Resp: 116387

Ion Ratio Lower Upper

77 100

97 22.8 11.2 33.5



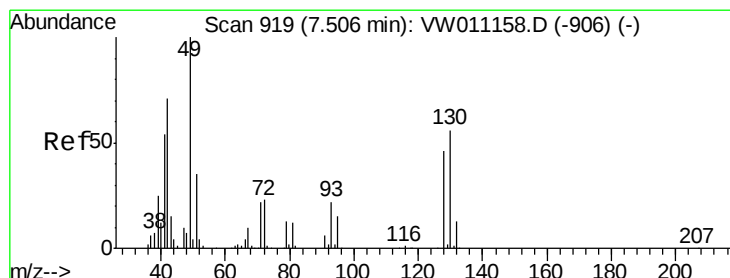
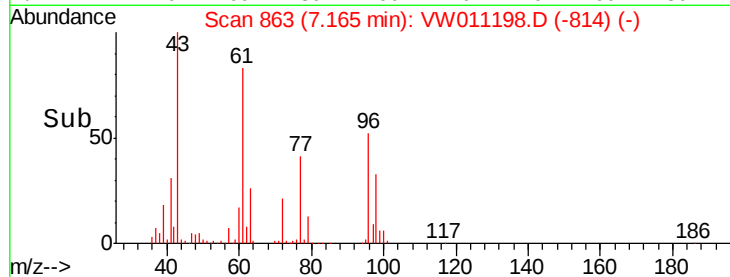
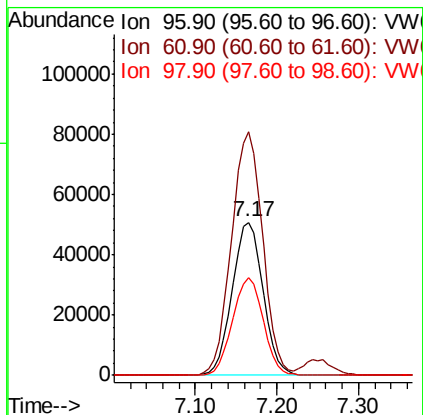
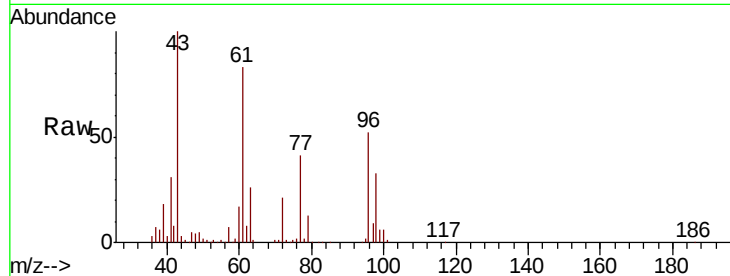


#27

cis-1,2-Dichloroethene
Concen: 51.029 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW011198.D
Acq: 10 Jul 2019 18:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

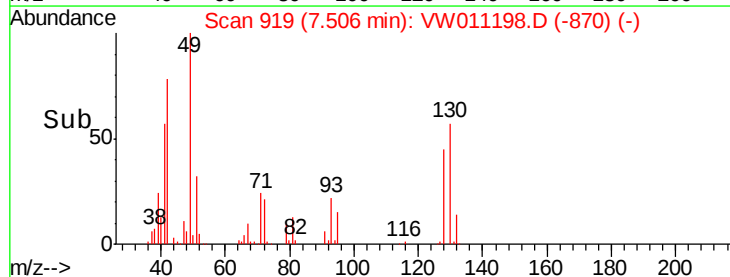
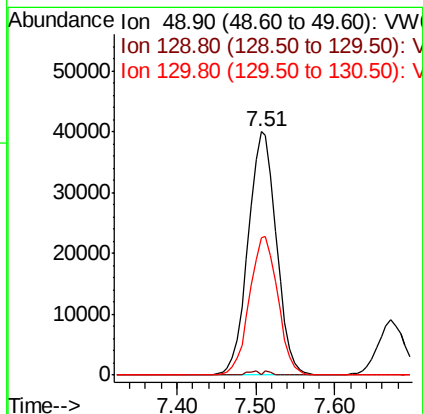
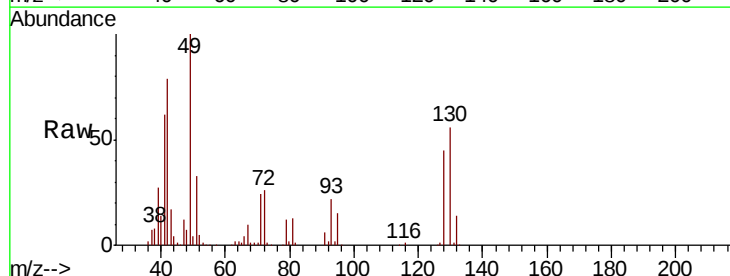
Tot Ion	96	Resp	132574
Ion	Ratio	Lower	Upper
96	100		
61	161.2	0.0	325.6
98	63.4	0.0	128.2

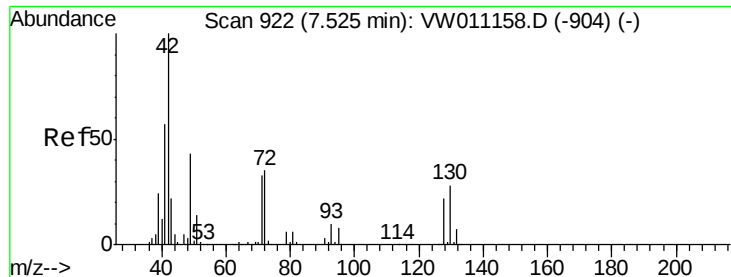


#28

Bromochloromethane
Concen: 45.816 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW011198.D
Acq: 10 Jul 2019 18:42

Tgt Ion	49	Resp	99448
Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	1.4
130	57.1	45.8	68.8

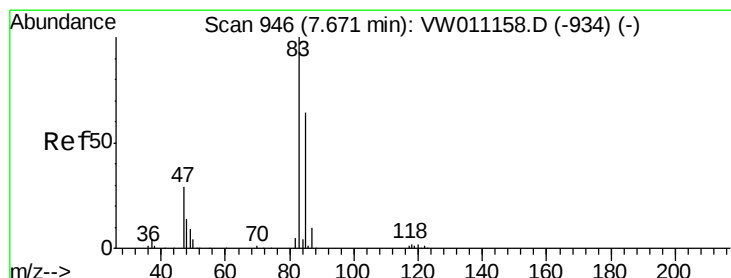
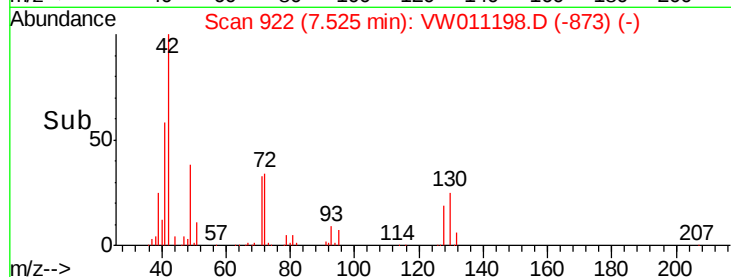
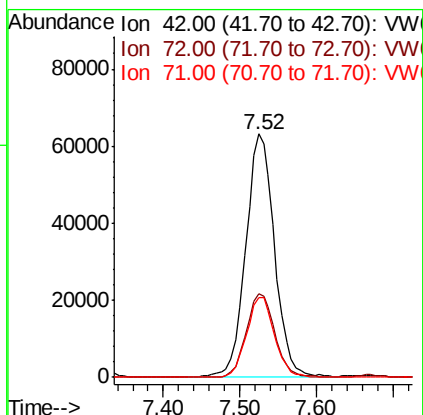
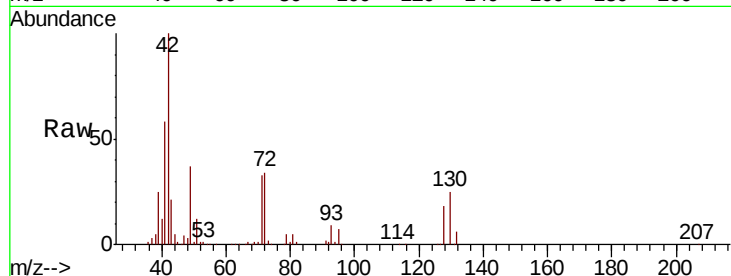




#29
Tetrahydrofuran
Concen: 253.346 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW011198.D
Acq: 10 Jul 2019 18:42

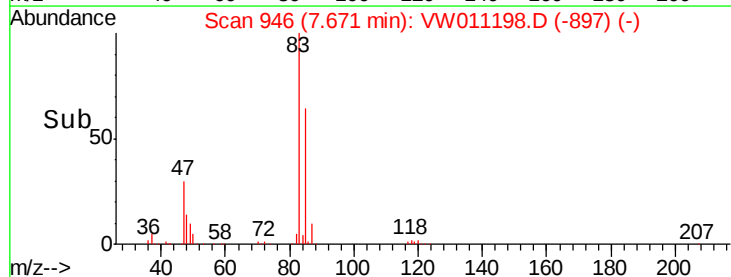
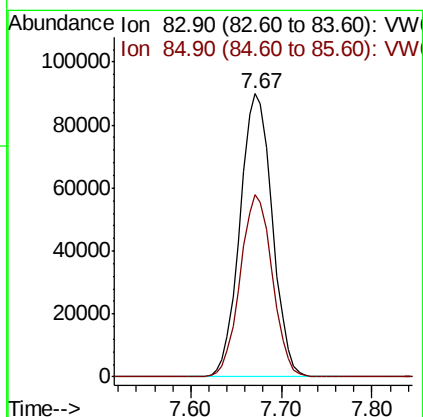
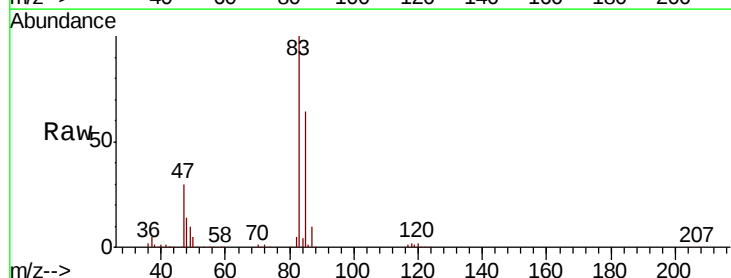
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

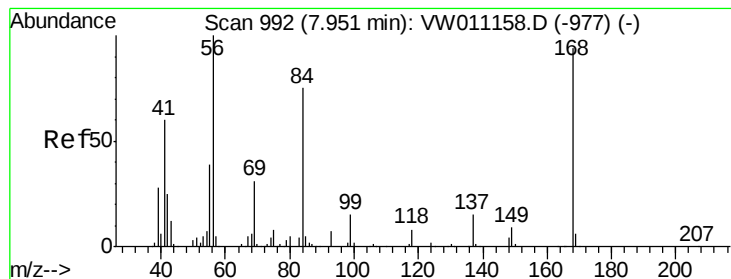
Tot Ion: 42 Resp: 164493
Ion Ratio Lower Upper
42 100
72 34.3 27.4 41.2
71 32.2 25.9 38.9



#30
Chloroform
Concen: 50.230 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW011198.D
Acq: 10 Jul 2019 18:42

Tgt Ion: 83 Resp: 222060
Ion Ratio Lower Upper
83 100
85 64.3 51.4 77.2





#31

Cyclohexane

Concen: 47.110 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW011198.D

Acq: 10 Jul 2019 18:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

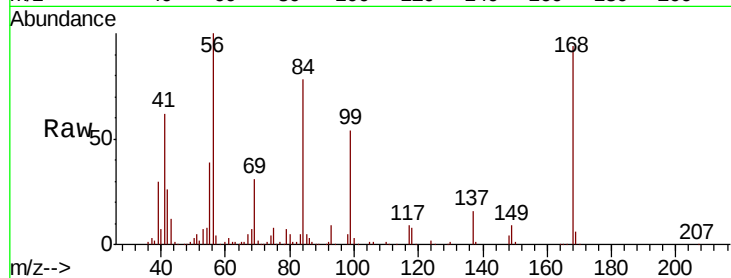
Tot Ion: 56 Resp: 239245

Ion Ratio Lower Upper

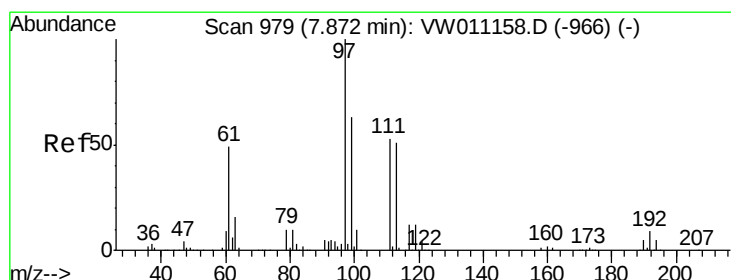
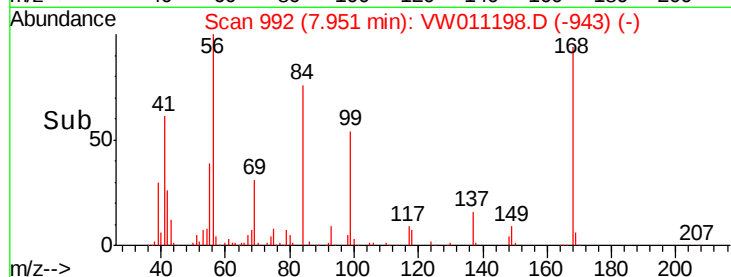
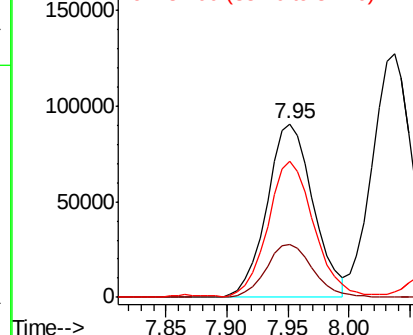
56 100

69 30.6 24.6 36.8

84 77.1 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: 49.263 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW011198.D

Acq: 10 Jul 2019 18:42

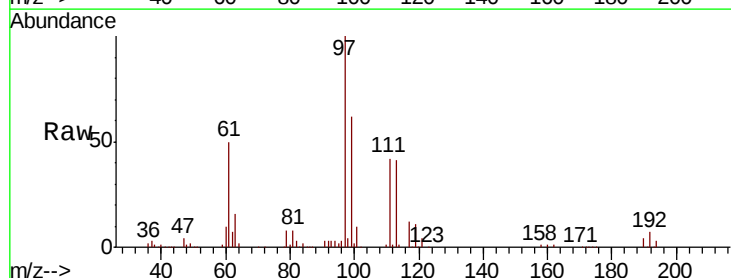
Tgt Ion: 97 Resp: 165669

Ion Ratio Lower Upper

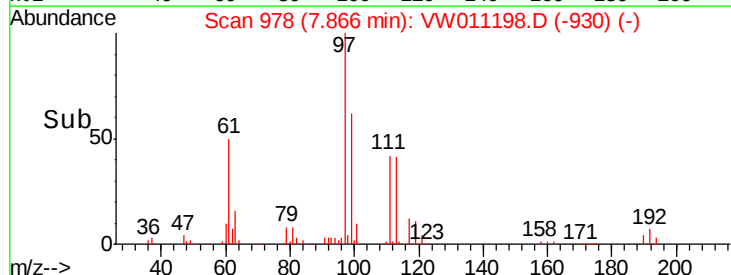
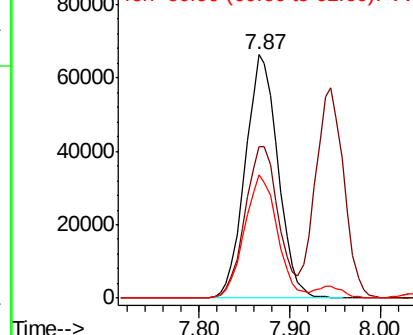
97 100

99 64.3 51.0 76.4

61 50.9 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

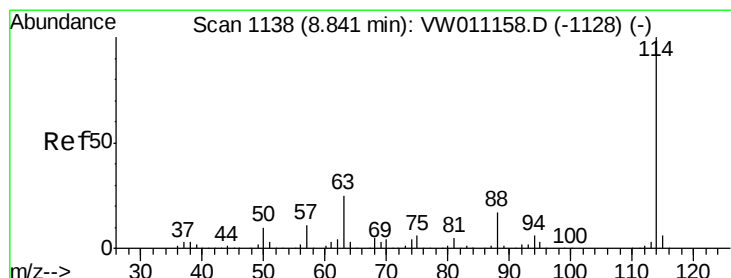
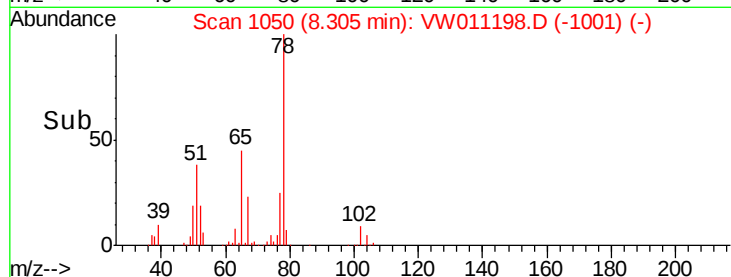
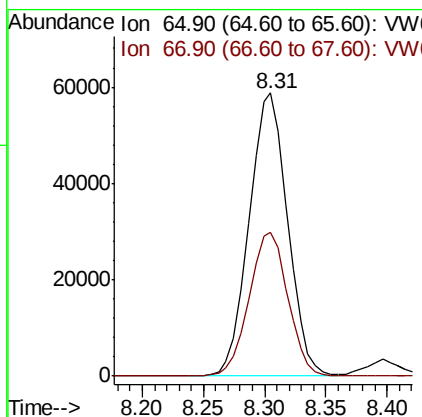
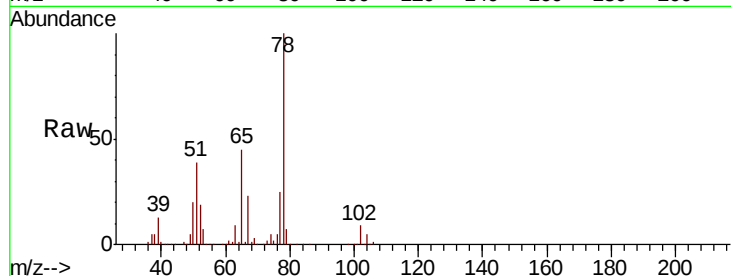




#33
 1,2-Dichloroethane-d4
 Concen: 49.169 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011198.D
 Acq: 10 Jul 2019 18:42

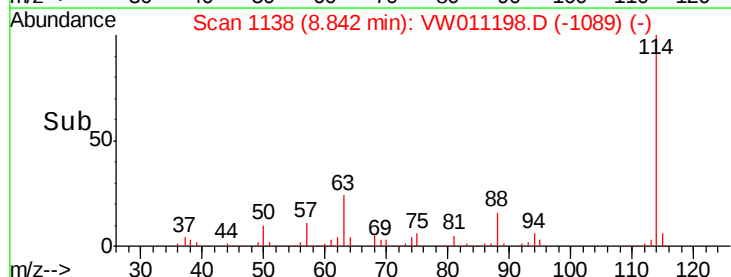
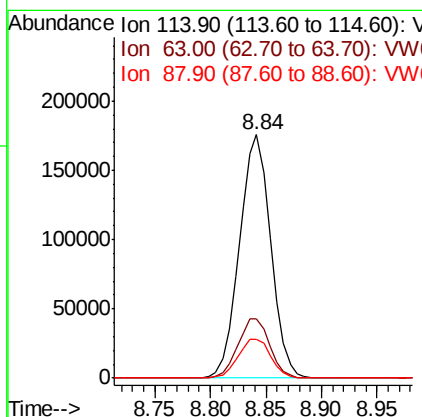
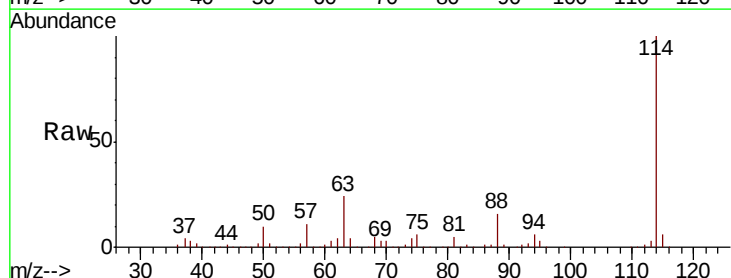
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

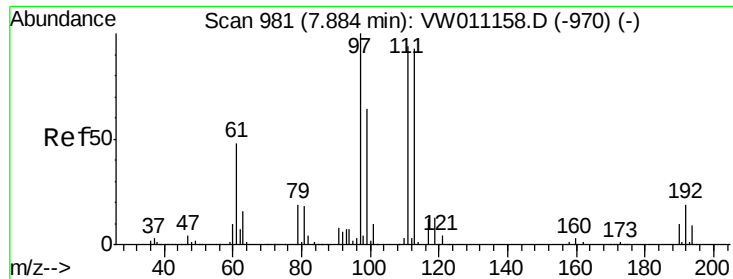
Tot Ion: 65 Resp: 128906
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011198.D
 Acq: 10 Jul 2019 18:42

Tgt Ion: 114 Resp: 340960
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 50.8
 88 16.2 0.0 34.2

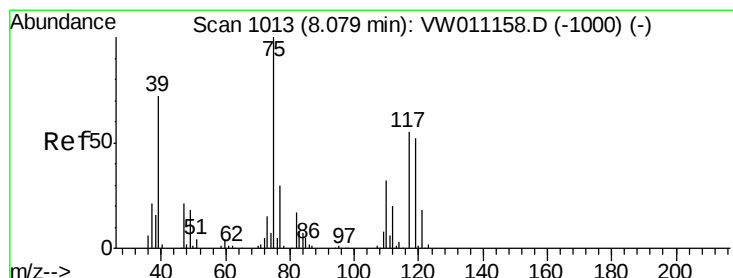
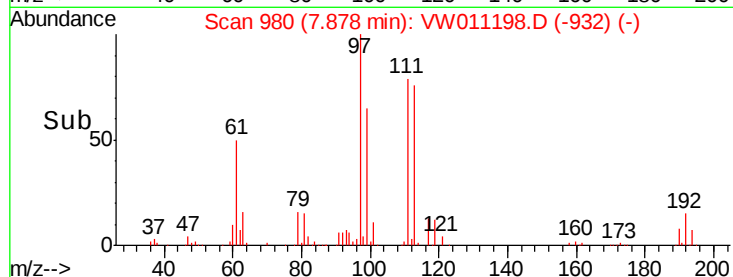
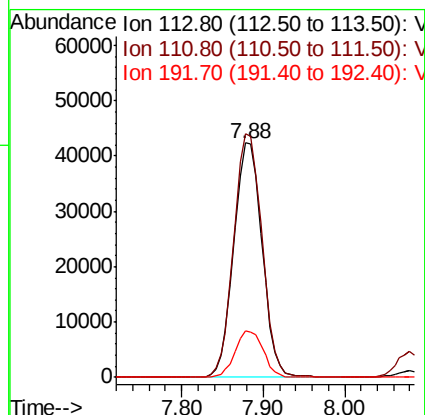
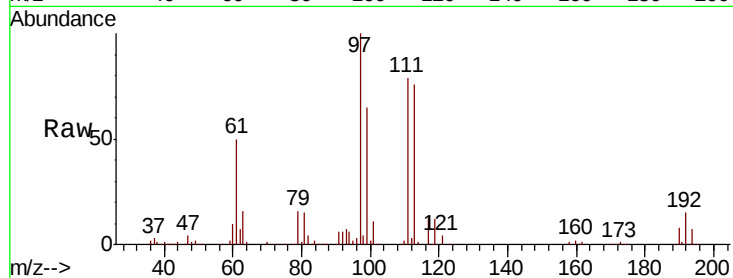




#35
 Dibromofluoromethane
 Concen: 49.885 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011198.D
 Acq: 10 Jul 2019 18:42

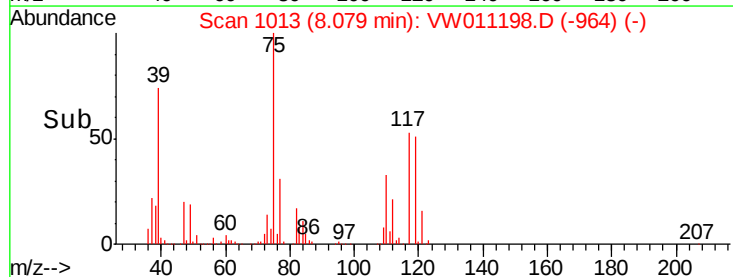
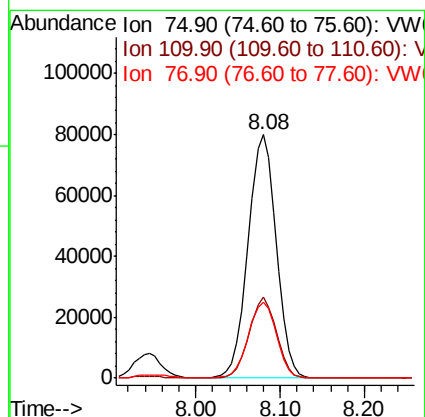
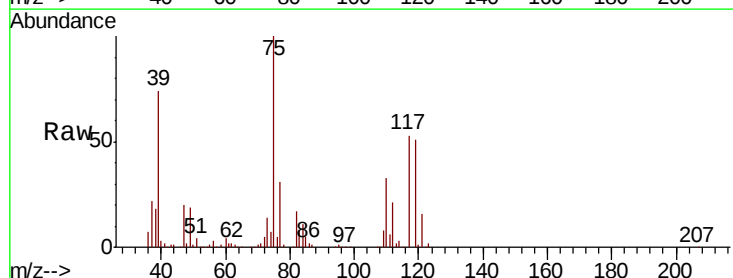
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

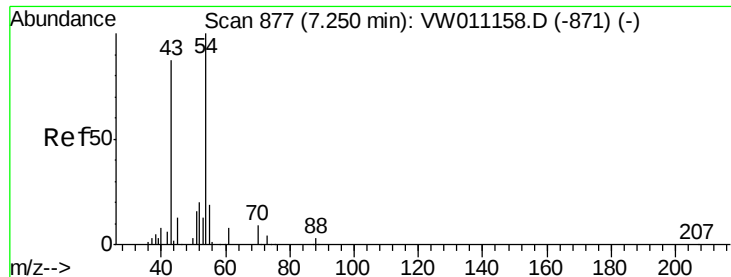
Tot Ion:113 Resp: 101379
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.4 123.6
 192 19.6 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 49.747 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW011198.D
 Acq: 10 Jul 2019 18:42

Tgt Ion: 75 Resp: 180625
 Ion Ratio Lower Upper
 75 100
 110 32.3 15.9 47.6
 77 31.4 24.6 36.8

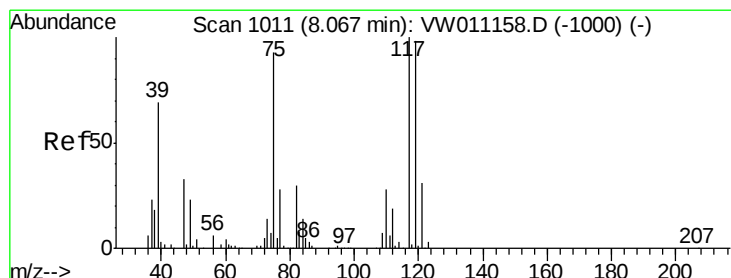
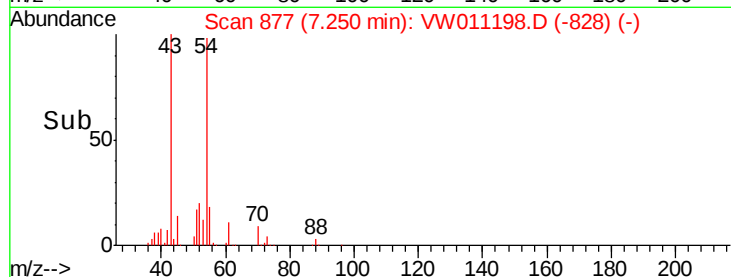
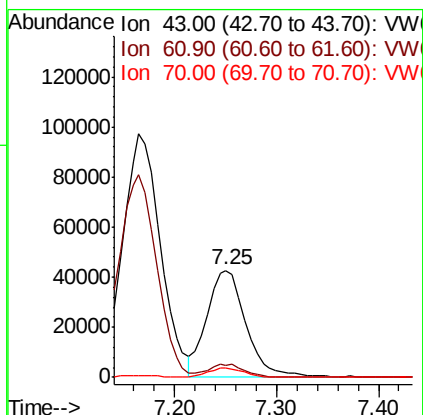
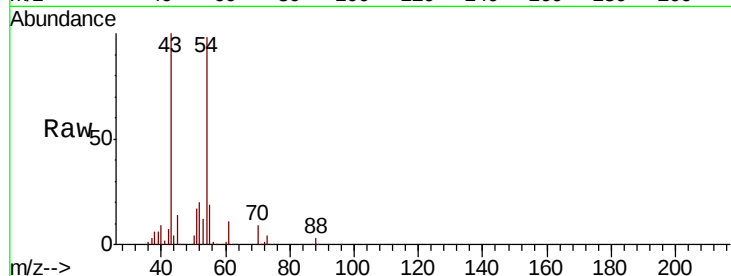




#37
Ethyl Acetate
Concen: 51.447 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW011198.D
Acq: 10 Jul 2019 18:42

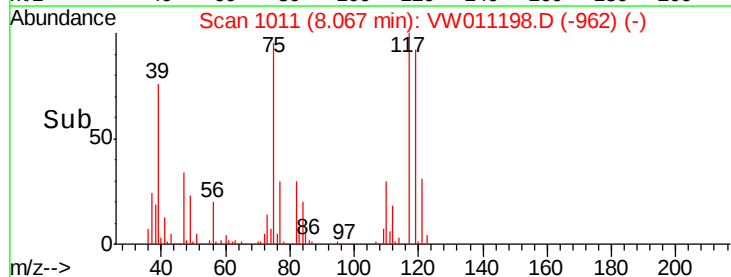
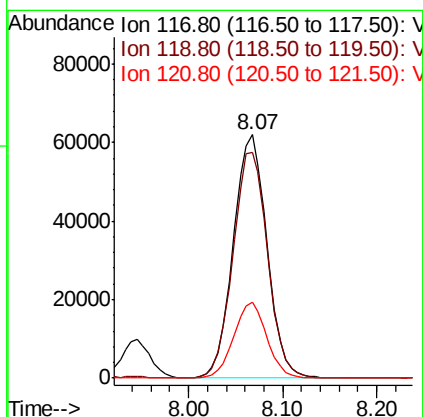
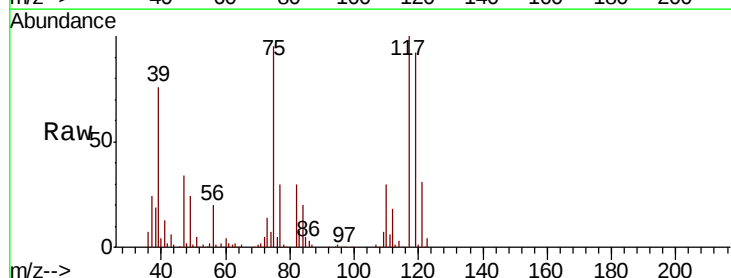
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 112233
Ion Ratio Lower Upper
43 100
61 11.5 9.5 14.3
70 8.5 7.1 10.7



#38
Carbon Tetrachloride
Concen: 50.190 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW011198.D
Acq: 10 Jul 2019 18:42

Tgt Ion: 117 Resp: 154484
Ion Ratio Lower Upper
117 100
119 92.5 78.1 117.1
121 31.0 25.1 37.7

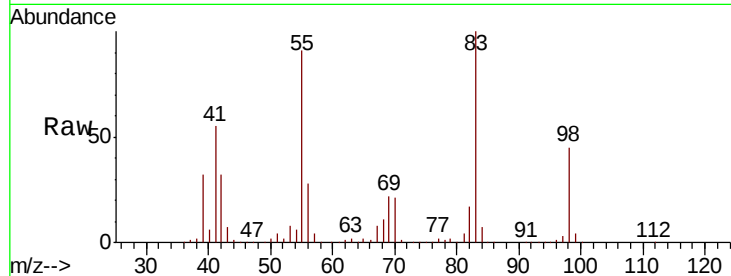




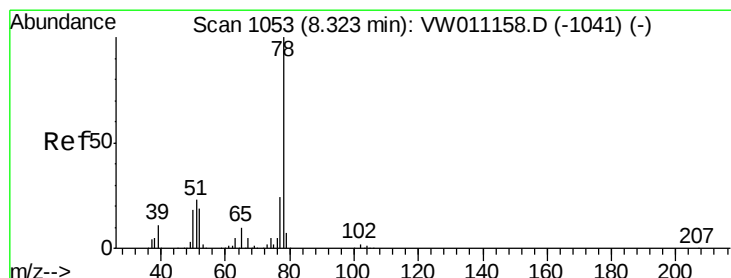
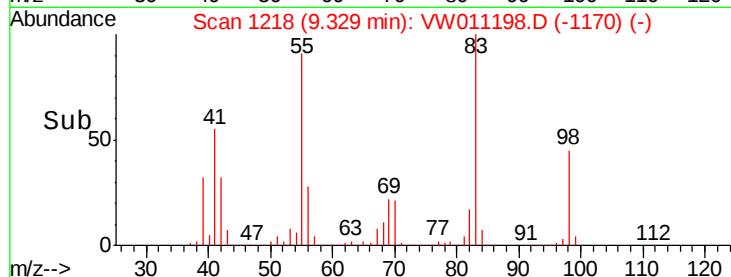
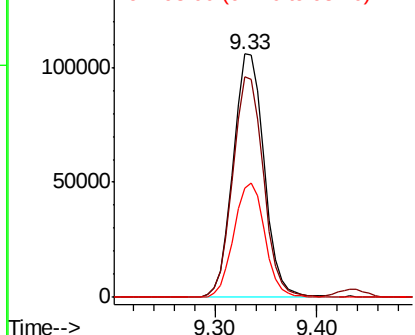
#39
Methvlcvclohexane
Concen: 50.699 ug/l
RT: 9.33 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW011198.D
Acq: 10 Jul 2019 18:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 223120
Ion Ratio Lower Upper
83 100
55 90.6 71.2 106.8
98 45.0 37.5 56.3

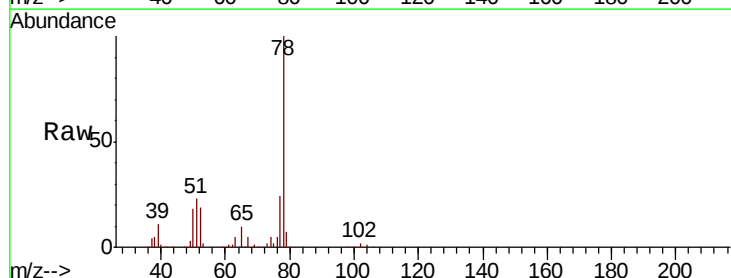


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

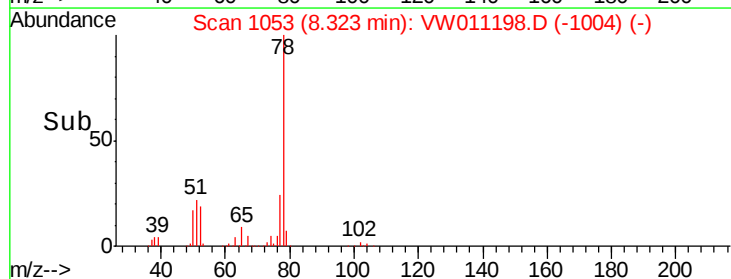
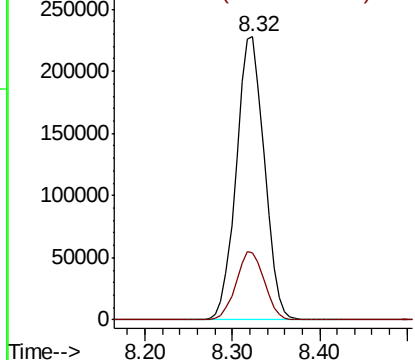


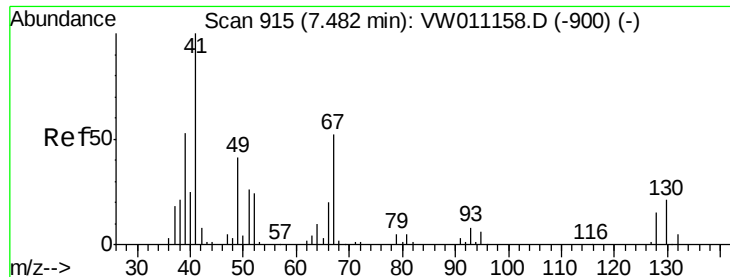
#40
Benzene
Concen: 50.740 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW011198.D
Acq: 10 Jul 2019 18:42

Tgt Ion: 78 Resp: 509143
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW





#41

Methacrylonitrile

Concen: 54.729 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW011198.D

Acq: 10 Jul 2019 18:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 68285

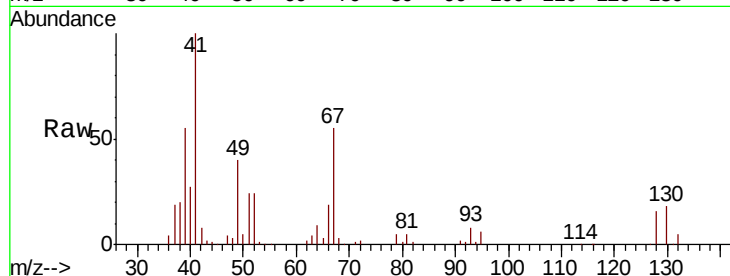
Ion Ratio Lower Upper

41 100

39 59.5 48.0 72.0

67 56.7 49.7 74.5

52 25.5 23.4 35.0

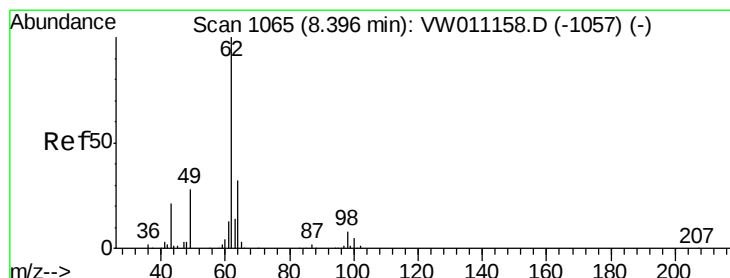
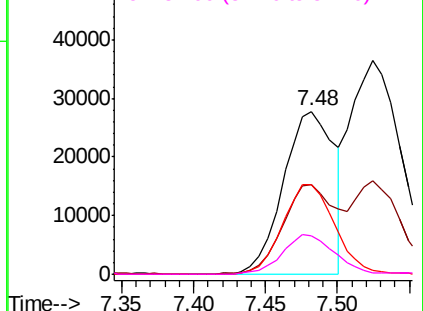
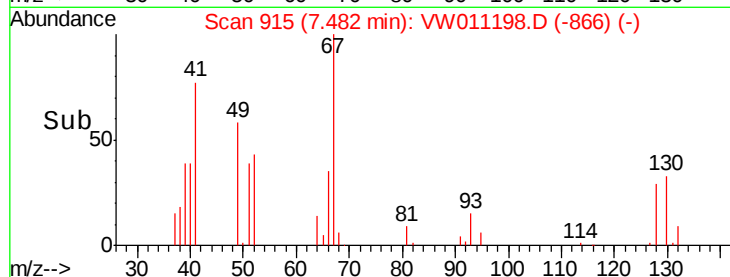


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 51.412 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW011198.D

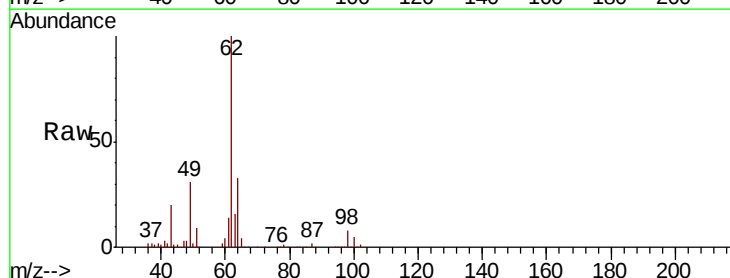
Acq: 10 Jul 2019 18:42

Tgt Ion: 62 Resp: 167353

Ion Ratio Lower Upper

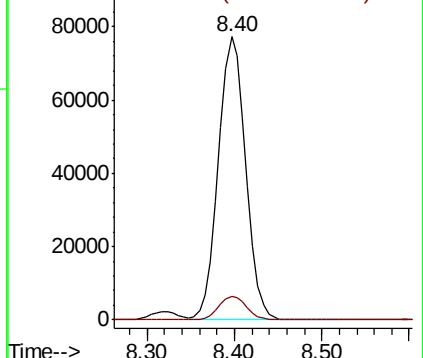
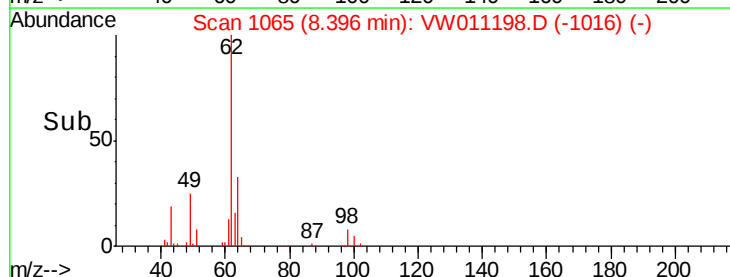
62 100

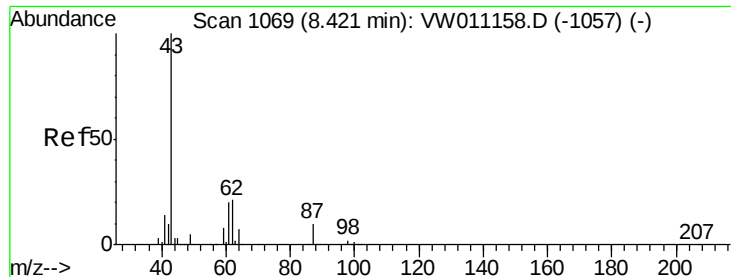
98 8.5 0.0 16.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 51.741 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW011198.D

Acq: 10 Jul 2019 18:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

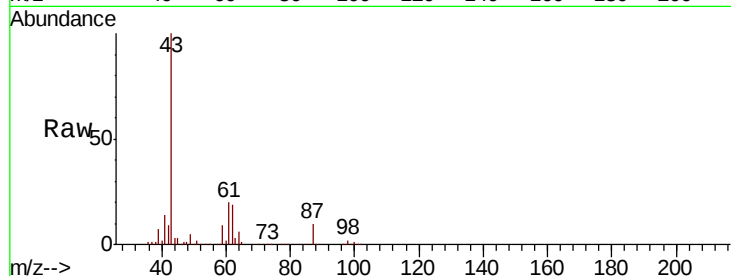
Tot Ion: 43 Resp: 213108

Ion Ratio Lower Upper

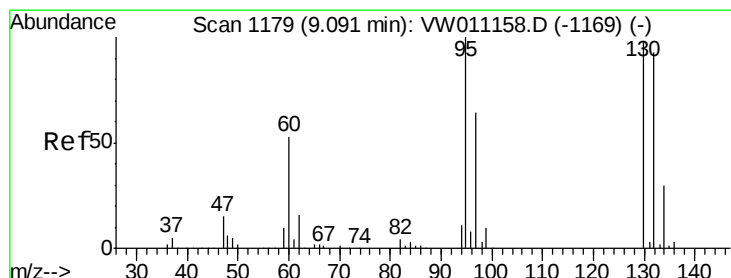
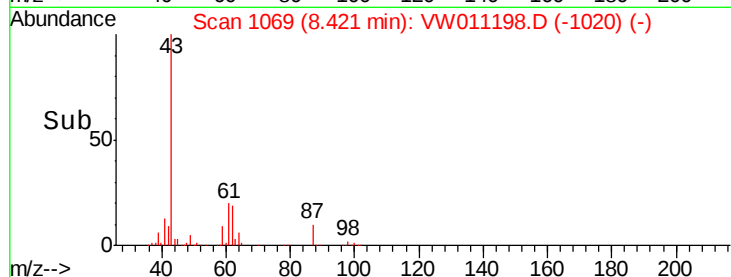
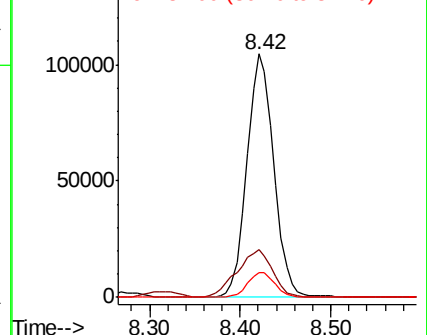
43 100

61 25.7 20.7 31.1

87 10.5 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 49.954 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW011198.D

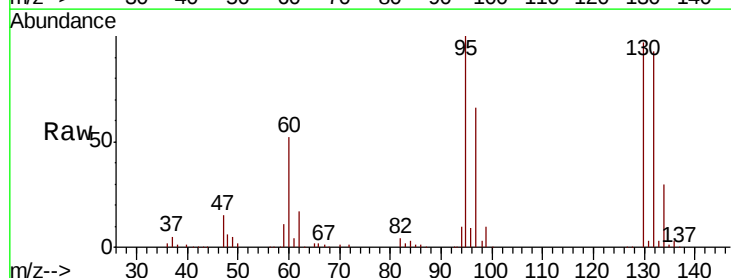
Acq: 10 Jul 2019 18:42

Tgt Ion:130 Resp: 120623

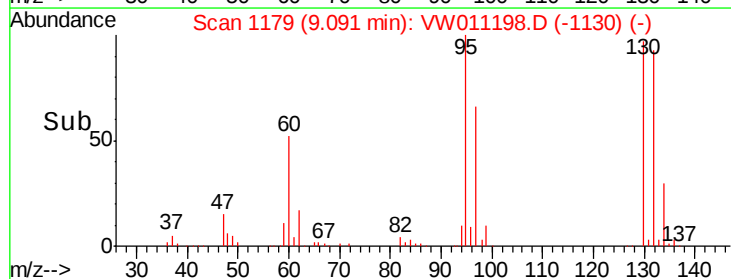
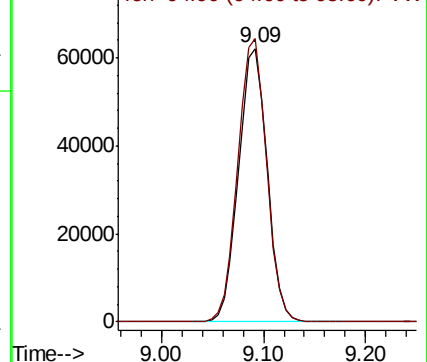
Ion Ratio Lower Upper

130 100

95 103.5 0.0 203.6



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

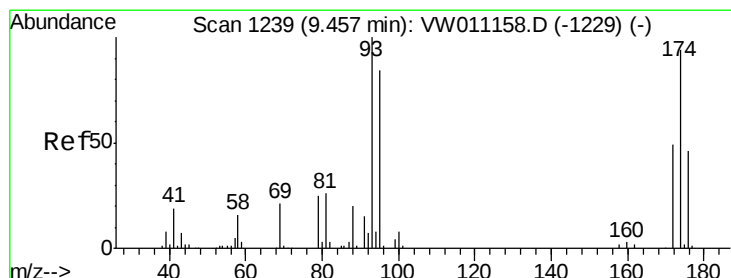
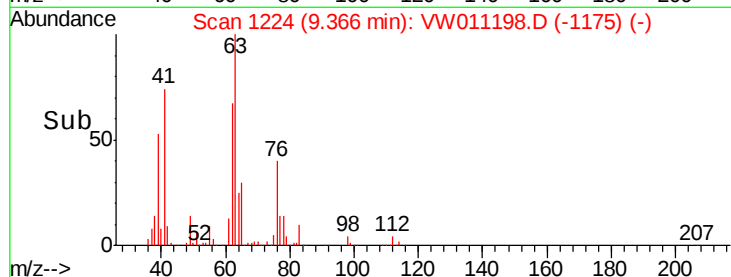
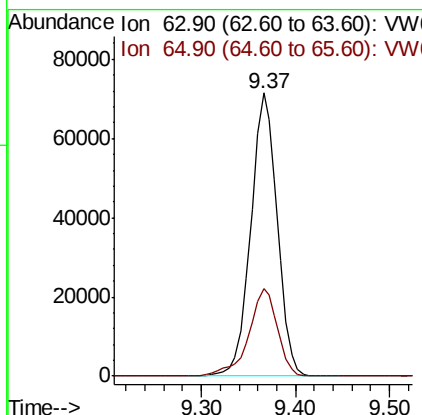
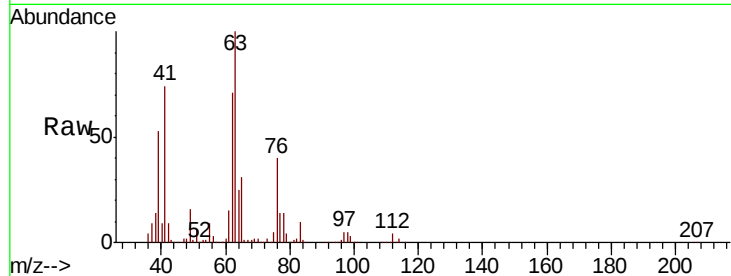




#45
 1,2-Dichloropropane
 Concen: 51.897 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW011198.D
 Acq: 10 Jul 2019 18:42

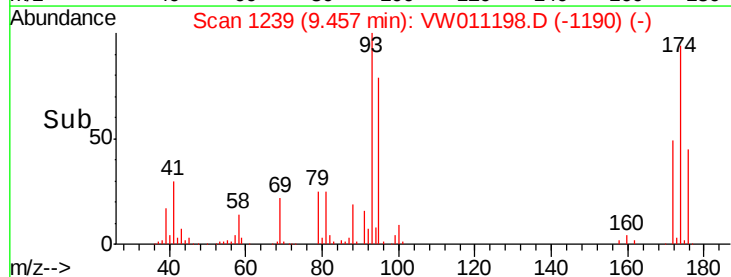
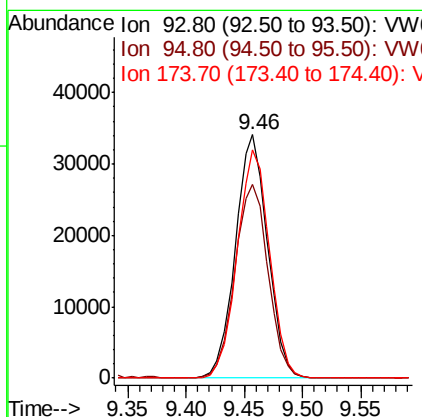
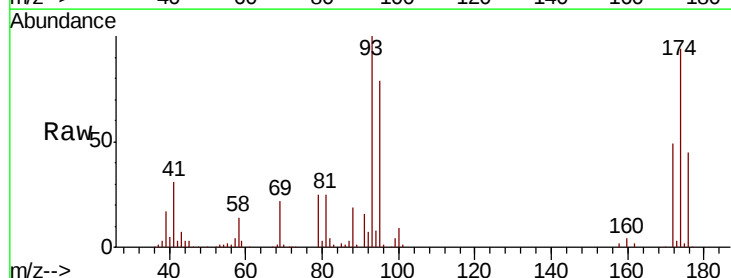
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 141018
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.4 36.6



#46
 Dibromomethane
 Concen: 51.400 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW011198.D
 Acq: 10 Jul 2019 18:42

Tgt Ion: 93 Resp: 65609
 Ion Ratio Lower Upper
 93 100
 95 82.2 67.2 100.8
 174 94.3 76.3 114.5

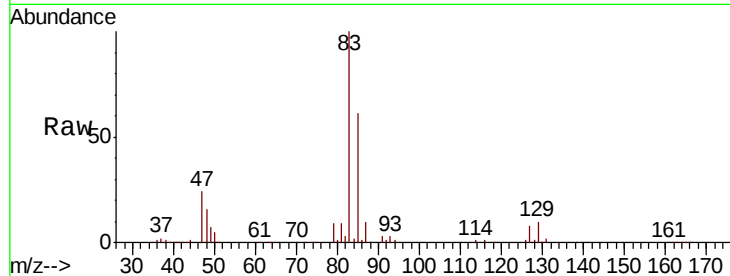




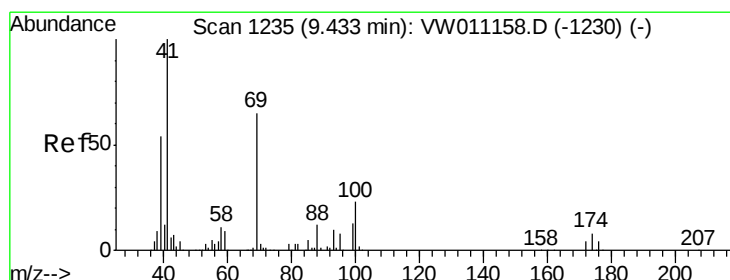
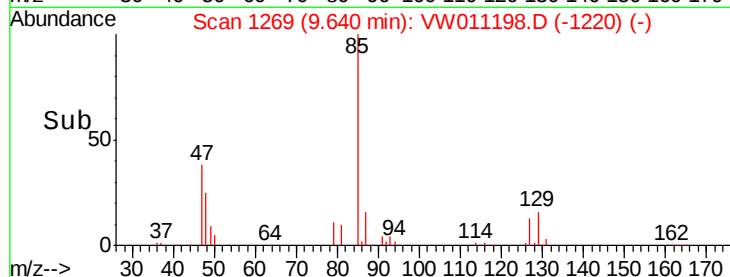
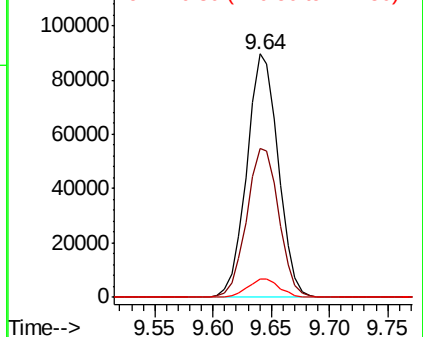
#47
Bromodichloromethane
Concen: 51.871 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW011198.D
Acq: 10 Jul 2019 18:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 169409
Ion Ratio Lower Upper
83 100
85 61.4 51.0 76.4
127 7.7 6.0 9.0

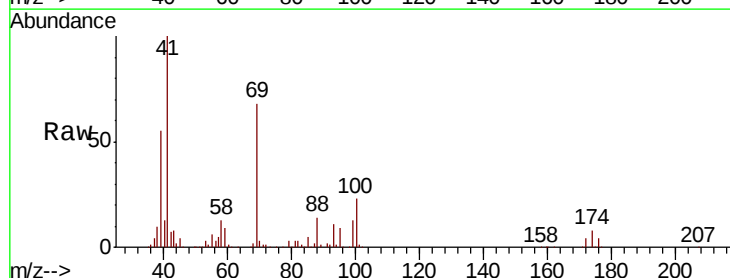


Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): VW

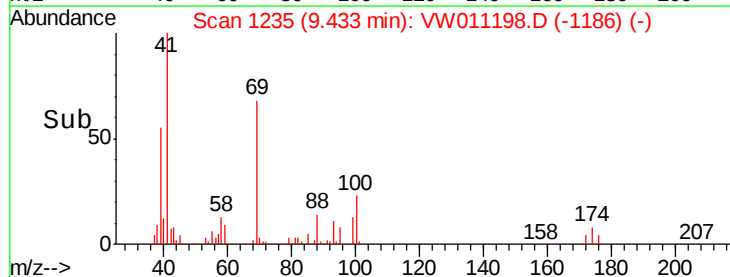
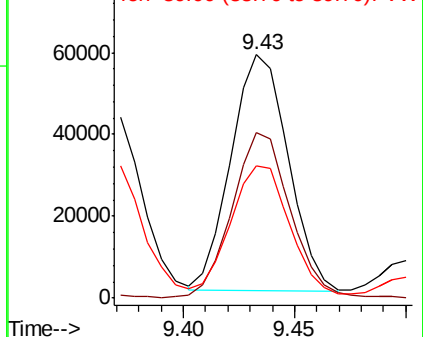


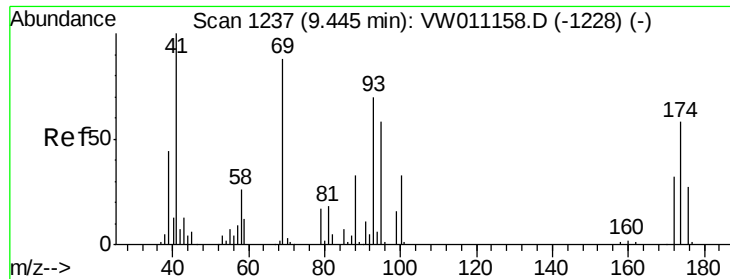
#48
Methyl methacrylate
Concen: 51.912 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW011198.D
Acq: 10 Jul 2019 18:42

Tgt Ion: 41 Resp: 102865
Ion Ratio Lower Upper
41 100
69 71.4 56.0 84.0
39 55.3 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: 1064.437 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VW011198.D

Acq: 10 Jul 2019 18:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

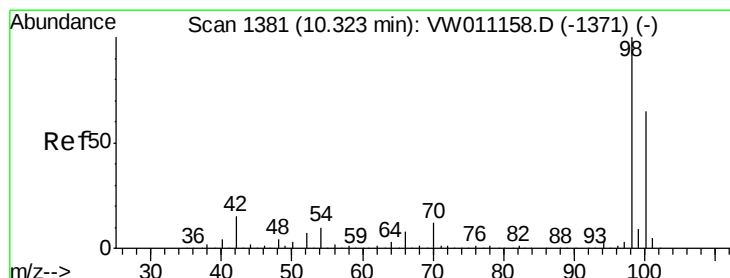
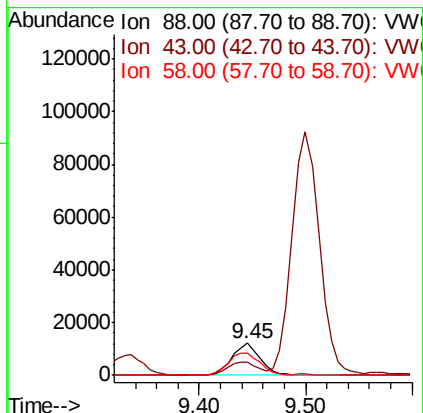
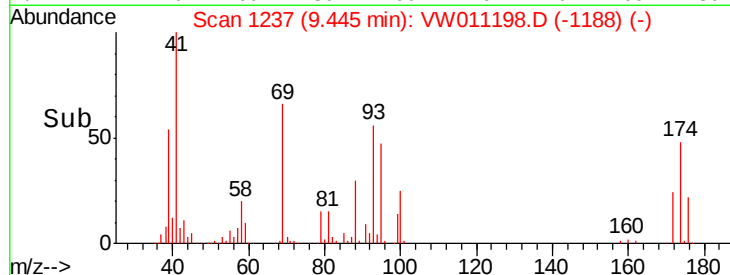
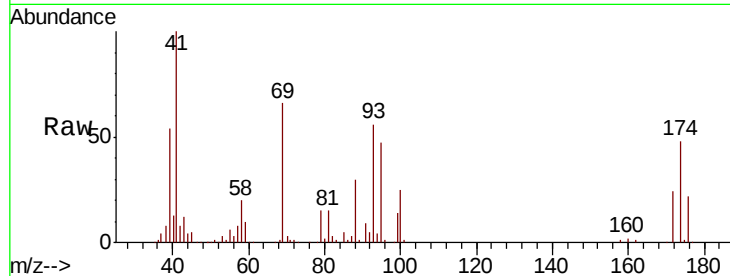
Tot Ion: 88 Resp: 22679

Ion Ratio Lower Upper

88 100

43 42.6 33.4 50.0

58 79.0 64.5 96.7



#50

Toluene-d8

Concen: 49.950 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011198.D

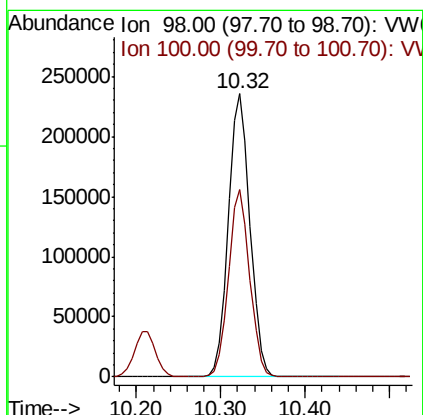
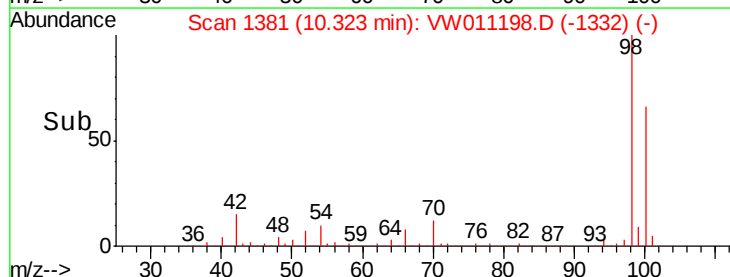
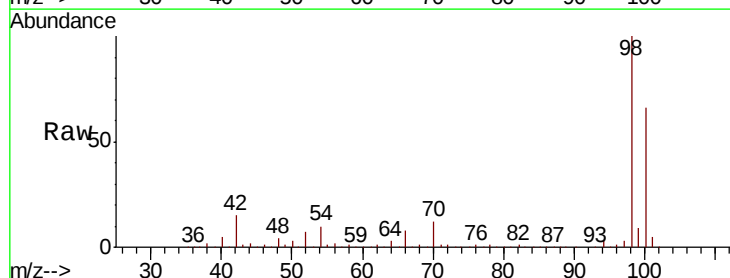
Acq: 10 Jul 2019 18:42

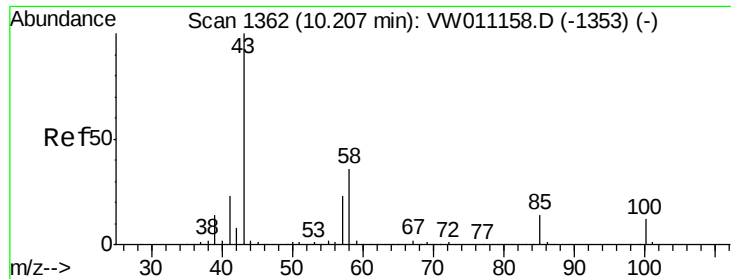
Tgt Ion: 98 Resp: 410329

Ion Ratio Lower Upper

98 100

100 64.7 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 261.700 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW011198.D

Acq: 10 Jul 2019 18:42

Instrument :

MSVOA_W

ClientSampleId :

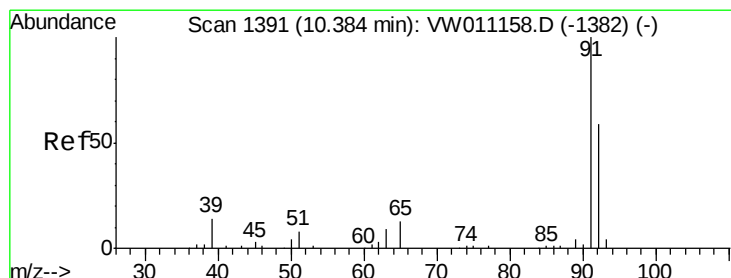
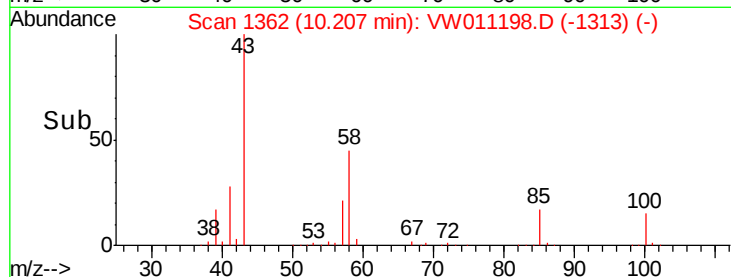
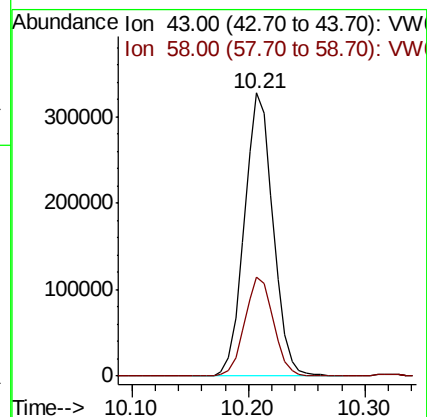
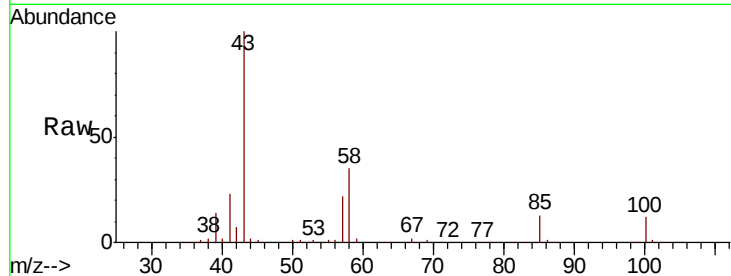
VSTDCCC050

Tot Ion: 43 Resp: 563051

Ion Ratio Lower Upper

43 100

58 35.1 28.2 42.2



#52

Toluene

Concen: 51.400 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW011198.D

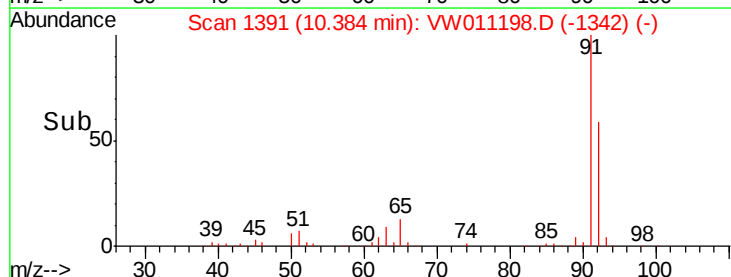
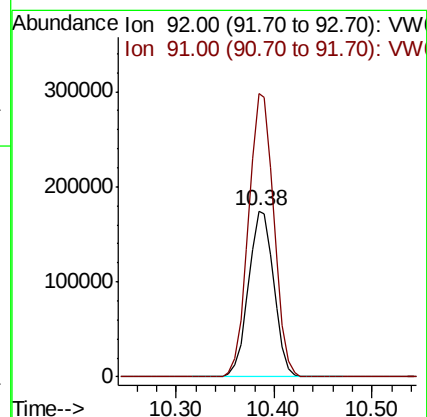
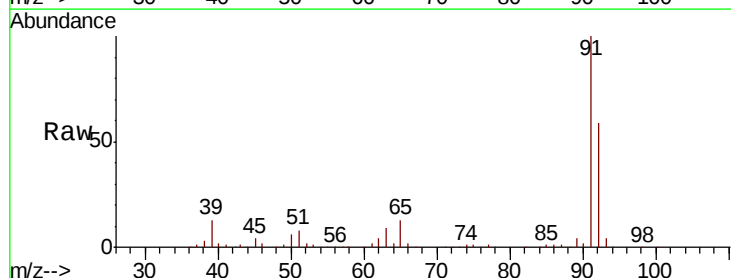
Acq: 10 Jul 2019 18:42

Tgt Ion: 92 Resp: 312874

Ion Ratio Lower Upper

92 100

91 171.1 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 50.908 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW011198.D

Acq: 10 Jul 2019 18:42

Instrument :

MSVOA_W

ClientSampleId :

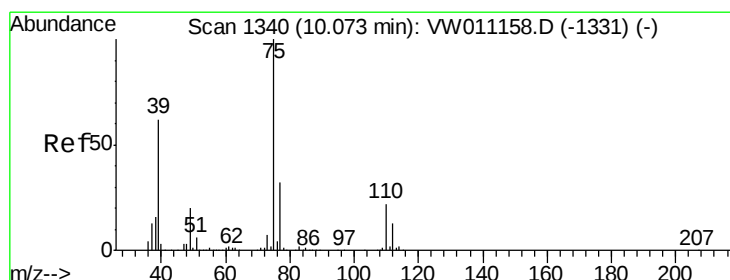
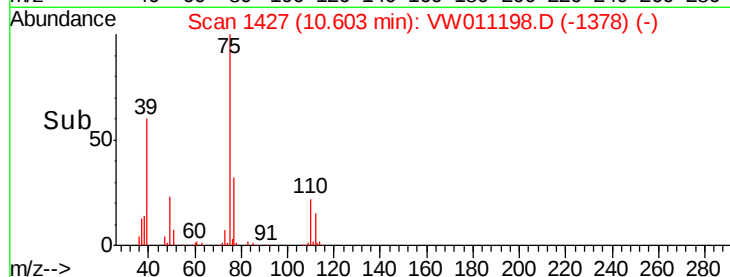
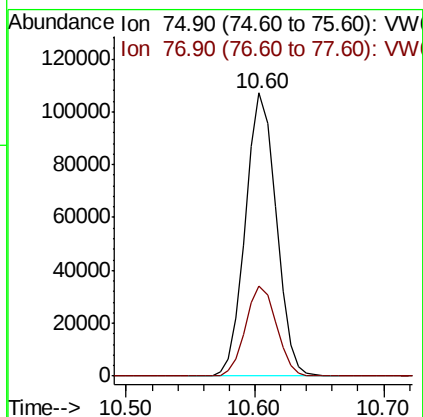
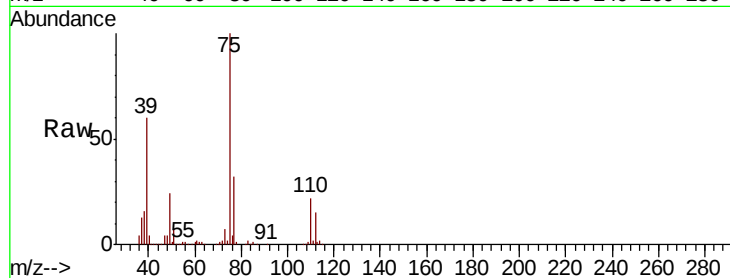
VSTDCCC050

Tot Ion: 75 Resp: 176980

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 50.753 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW011198.D

Acq: 10 Jul 2019 18:42

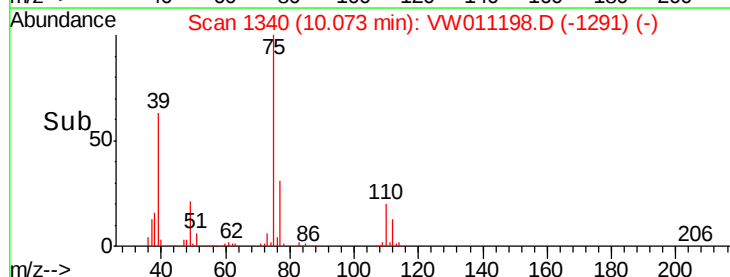
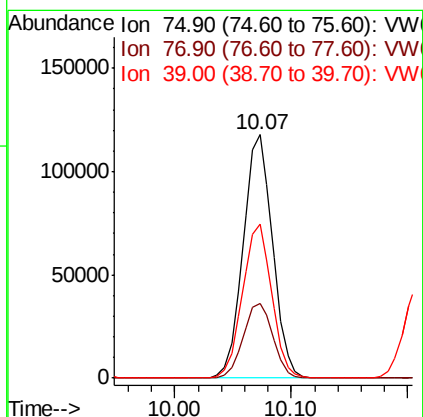
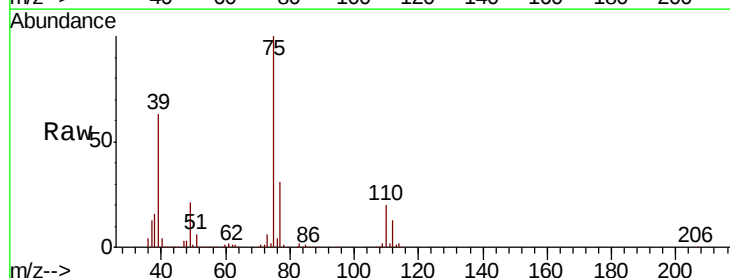
Tgt Ion: 75 Resp: 207678

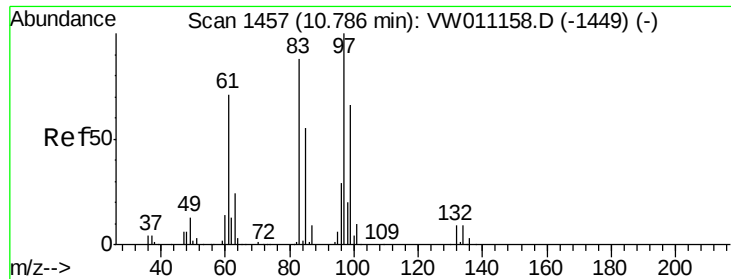
Ion Ratio Lower Upper

75 100

77 30.8 25.7 38.5

39 63.4 49.8 74.8

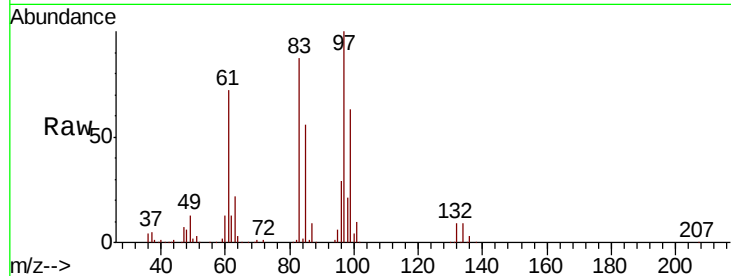




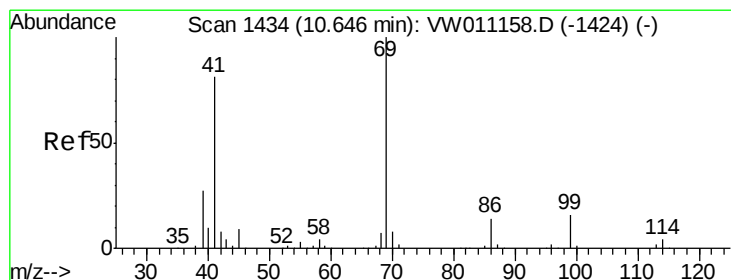
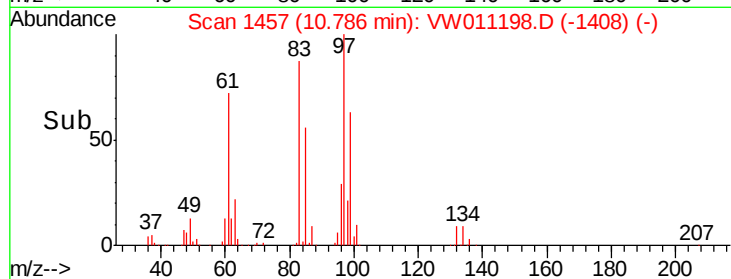
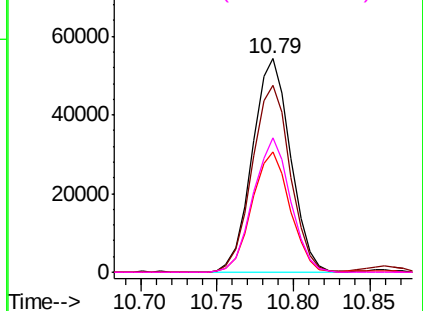
#55
 1,1,2-Trichloroethane
 Concen: 52.217 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW011198.D
 Acq: 10 Jul 2019 18:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 94556
 Ion Ratio Lower Upper
 97 100
 83 87.3 70.2 105.4
 85 56.3 44.2 66.2
 99 63.0 52.6 79.0

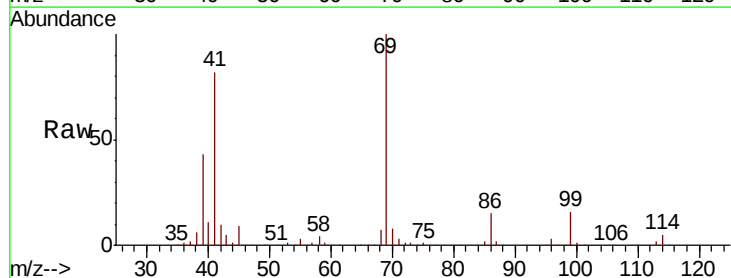


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

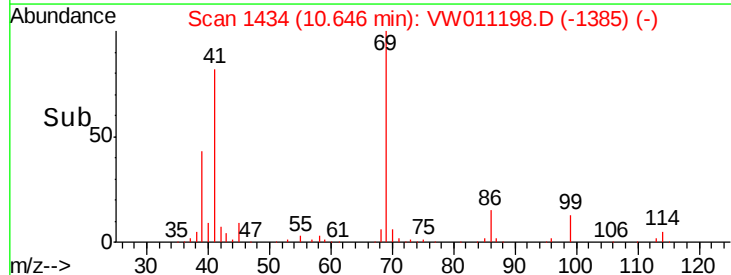
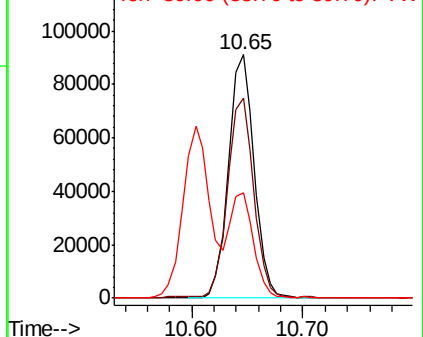


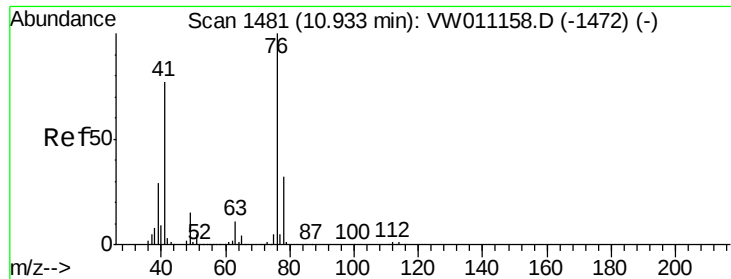
#56
 Ethyl methacrylate
 Concen: 52.770 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW011198.D
 Acq: 10 Jul 2019 18:42

Tgt Ion: 69 Resp: 145485
 Ion Ratio Lower Upper
 69 100
 41 82.7 66.5 99.7
 39 39.7 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: 52.206 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW011198.D

Acq: 10 Jul 2019 18:42

Instrument :

MSVOA_W

ClientSampleId :

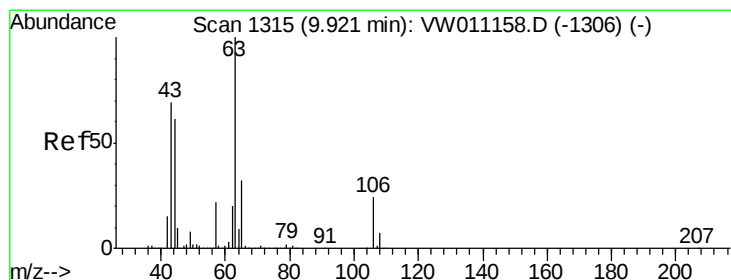
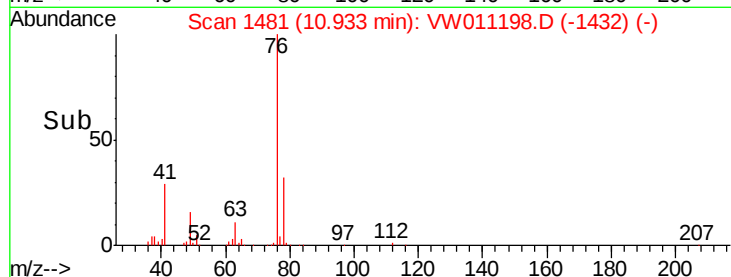
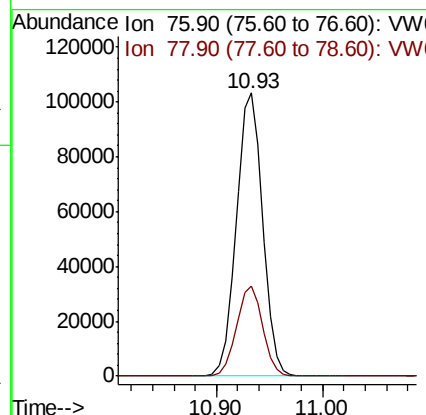
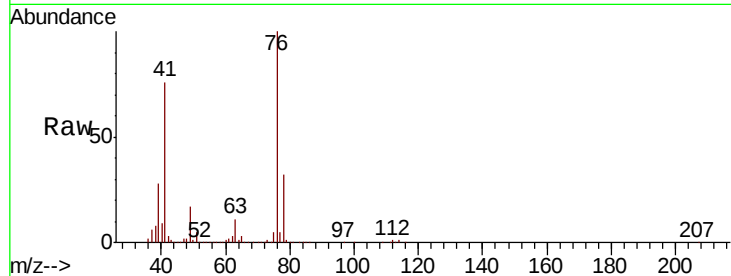
VSTDCCC050

Tot Ion: 76 Resp: 178768

Ion Ratio Lower Upper

76 100

78 31.8 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 270.752 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW011198.D

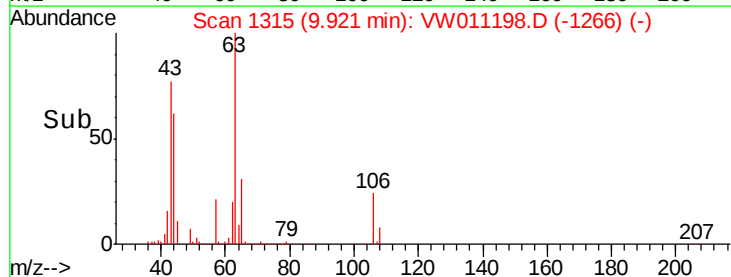
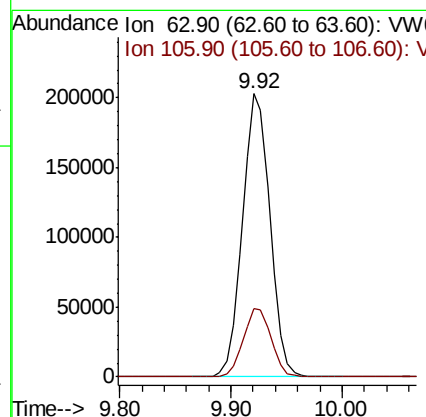
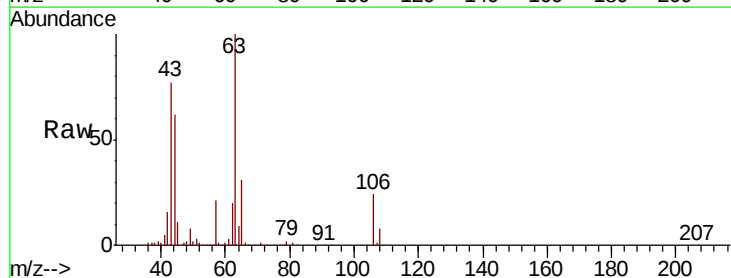
Acq: 10 Jul 2019 18:42

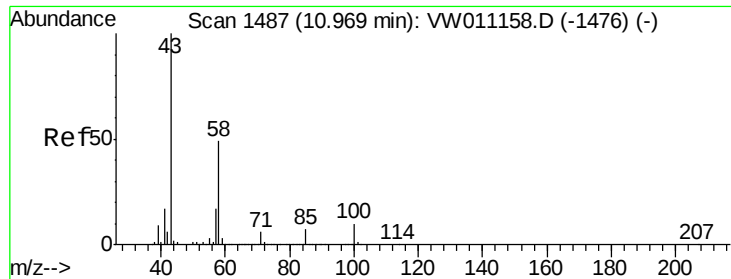
Tgt Ion: 63 Resp: 346055

Ion Ratio Lower Upper

63 100

106 24.4 19.4 29.0

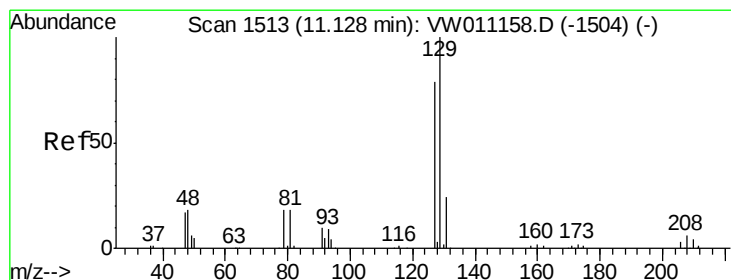
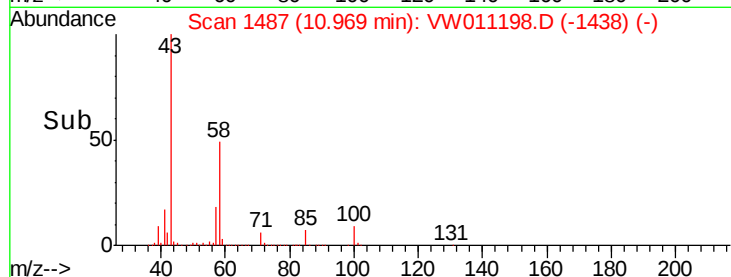
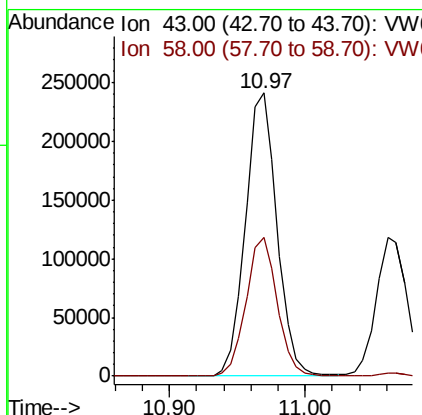
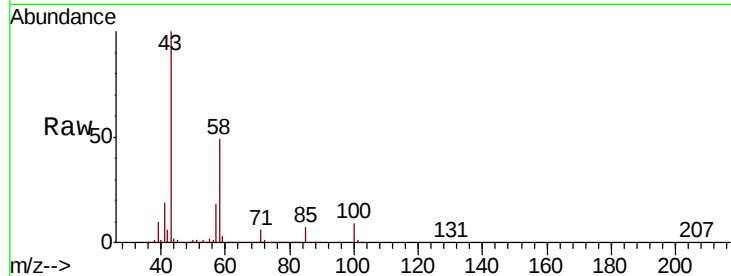




#59
2-Hexanone
Concen: 263.253 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW011198.D
Acq: 10 Jul 2019 18:42

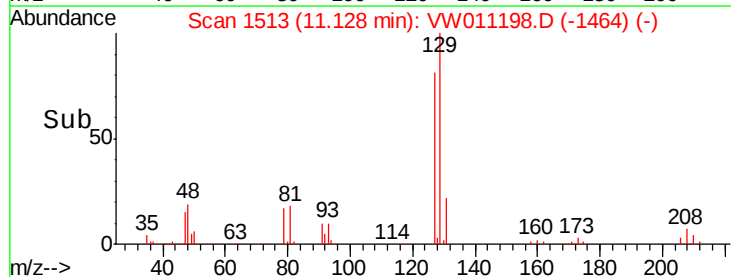
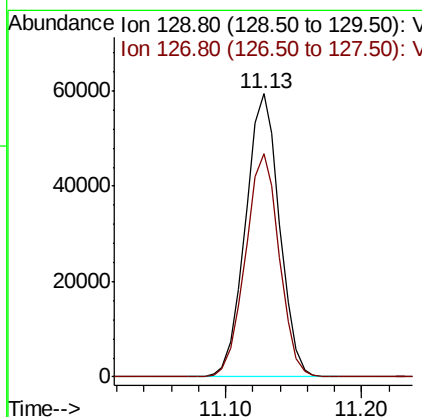
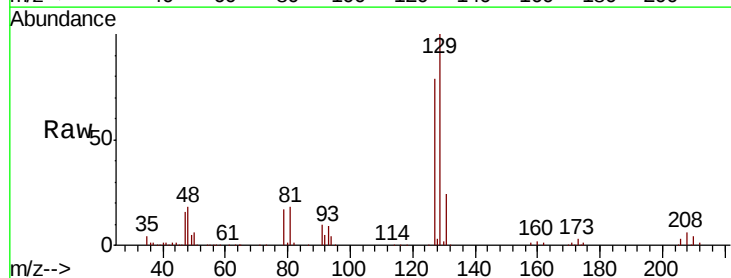
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

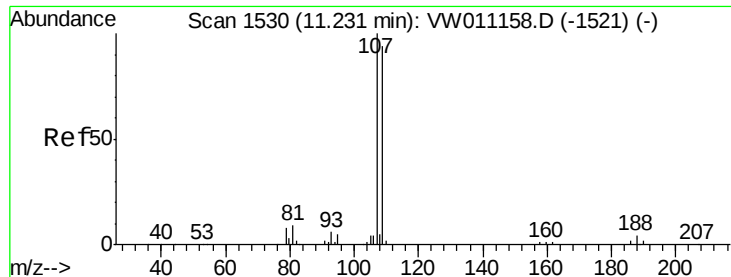
Tot Ion: 43 Resp: 392794
Ion Ratio Lower Upper
43 100
58 48.5 24.4 73.4



#60
Dibromochloromethane
Concen: 52.297 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW011198.D
Acq: 10 Jul 2019 18:42

Tgt Ion: 129 Resp: 103847
Ion Ratio Lower Upper
129 100
127 78.5 39.1 117.3

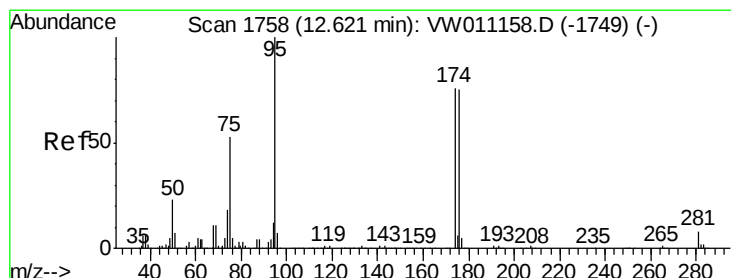
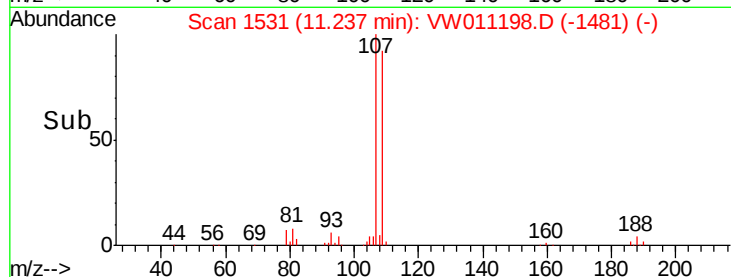
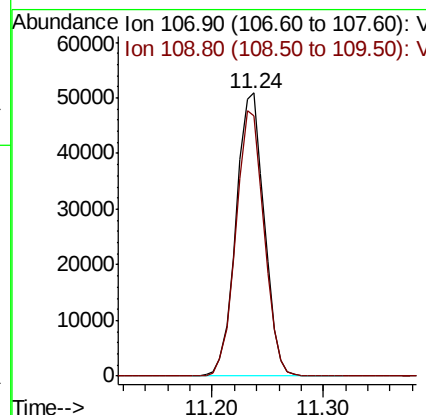
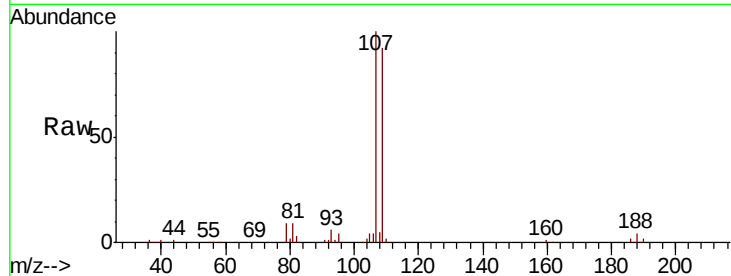




#61
 1,2-Dibromoethane
 Concen: 51.936 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: VW011198.D
 Acq: 10 Jul 2019 18:42

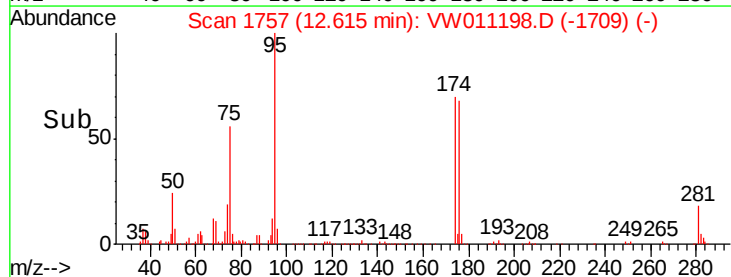
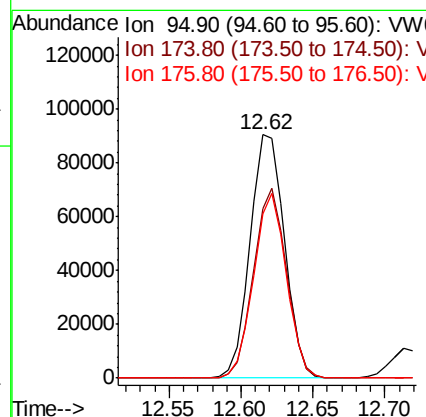
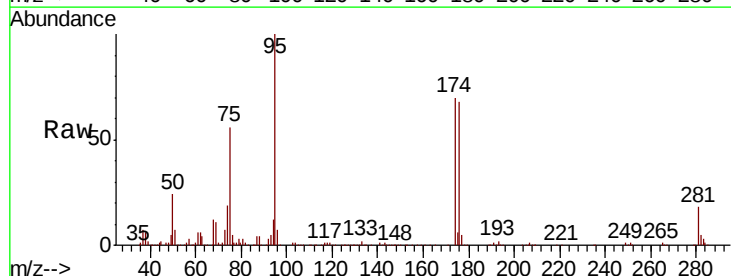
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

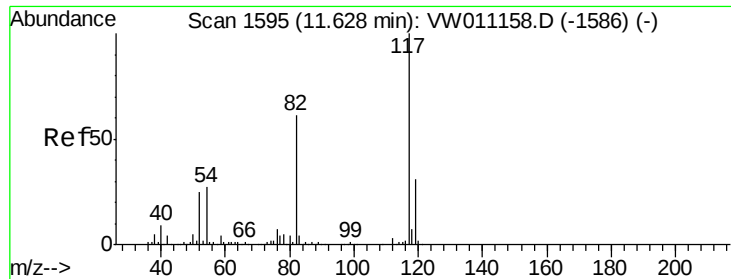
Tot Ion: 107 Resp: 89085
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 49.620 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VW011198.D
 Acq: 10 Jul 2019 18:42

Tgt Ion: 95 Resp: 149406
 Ion Ratio Lower Upper
 95 100
 174 74.8 0.0 147.6
 176 71.9 0.0 144.6

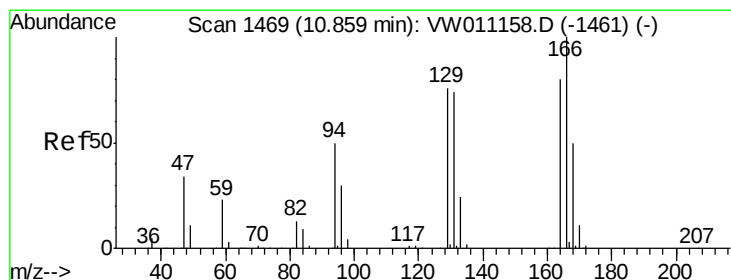
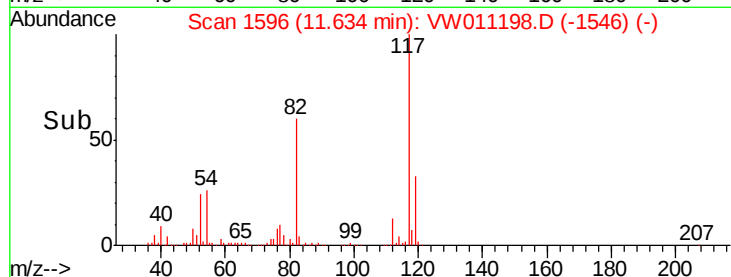
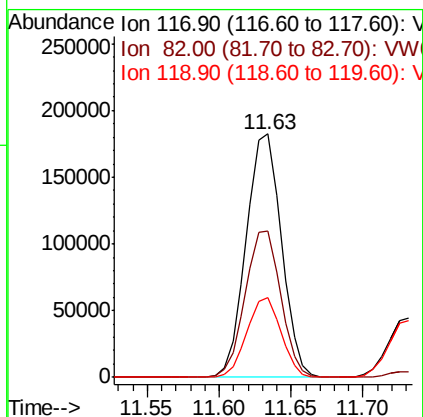
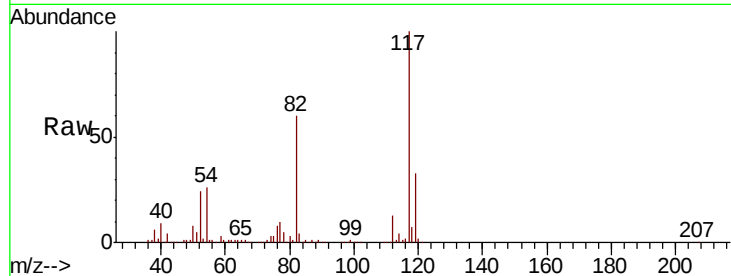




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011198.D
Acq: 10 Jul 2019 18:42

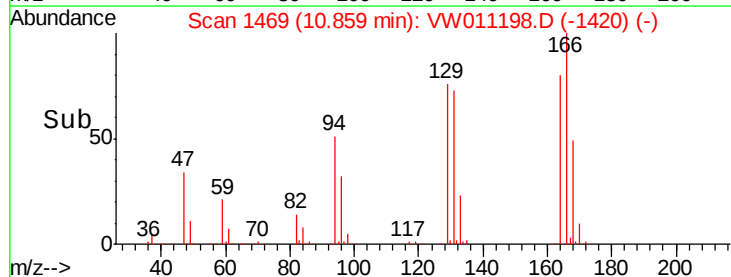
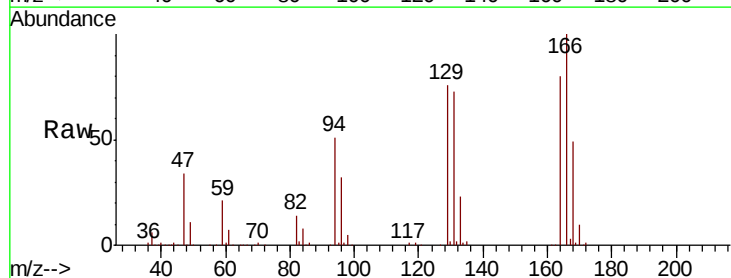
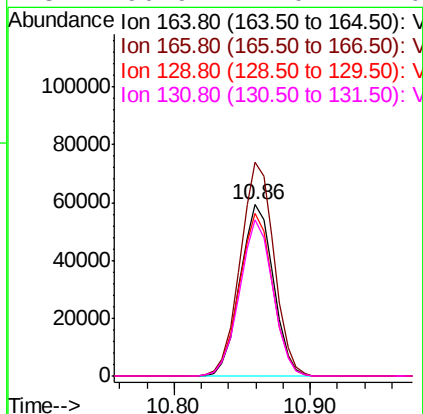
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

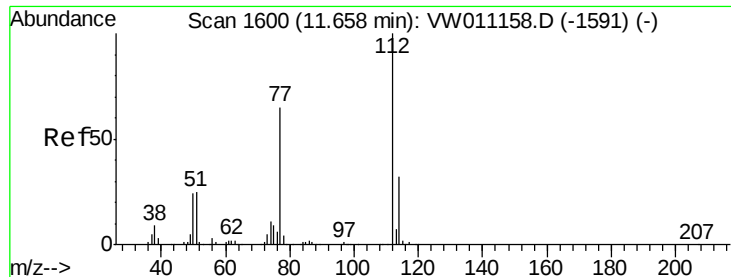
Tot Ion:117 Resp: 309631
Ion Ratio Lower Upper
117 100
82 60.3 48.9 73.3
119 32.5 25.0 37.6



#64
Tetrachloroethene
Concen: 48.652 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW011198.D
Acq: 10 Jul 2019 18:42

Tgt Ion:164 Resp: 101649
Ion Ratio Lower Upper
164 100
166 124.7 99.7 149.5
129 95.3 76.2 114.2
131 90.9 74.0 111.0

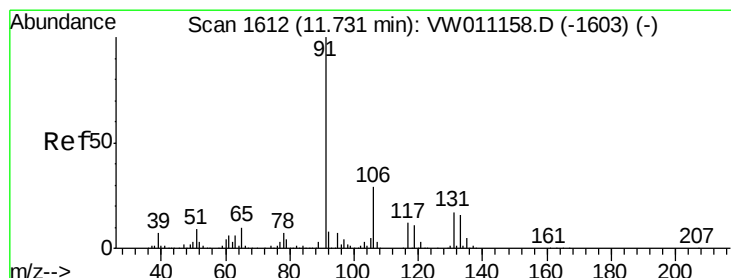
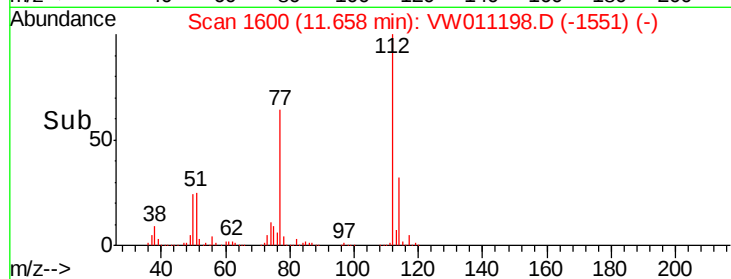
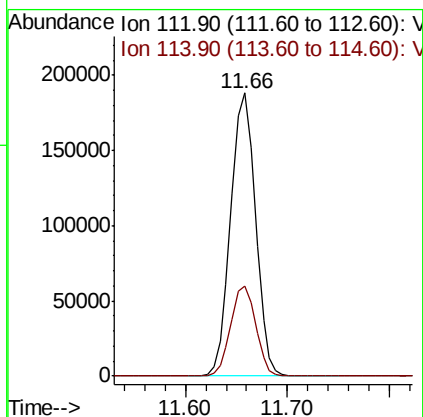
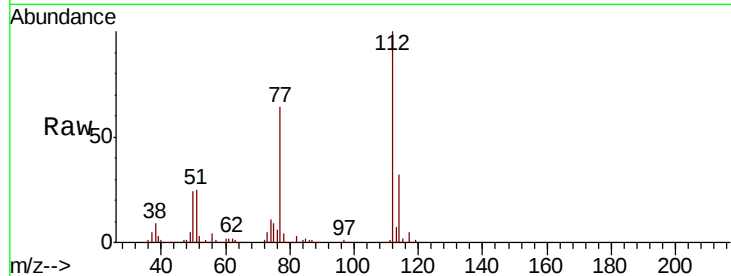




#65
Chlorobenzene
Concen: 50.336 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW011198.D
Acq: 10 Jul 2019 18:42

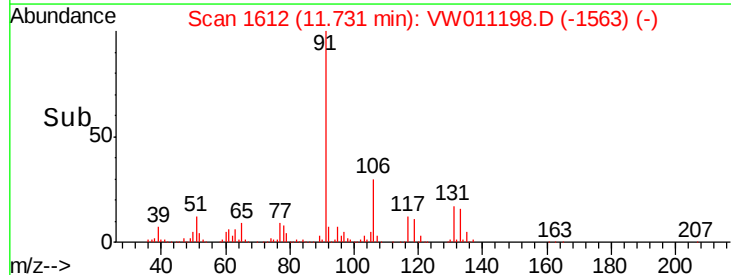
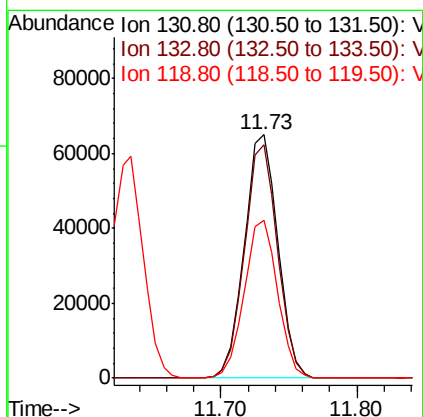
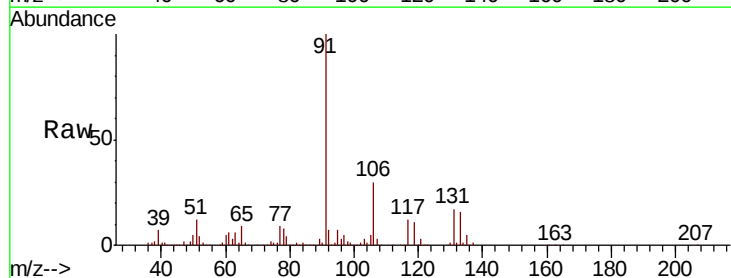
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

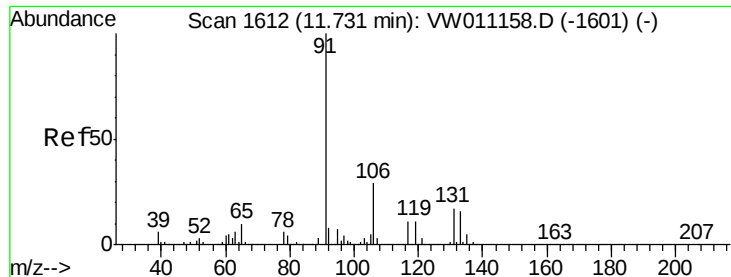
Tot Ion:112 Resp: 316871
Ion Ratio Lower Upper
112 100
114 31.7 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.710 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011198.D
Acq: 10 Jul 2019 18:42

Tgt Ion:131 Resp: 112399
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.8
119 64.4 33.1 99.2

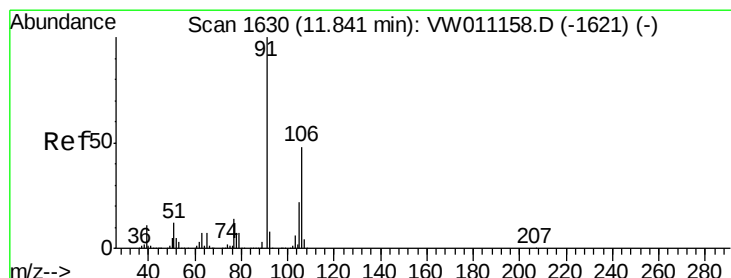
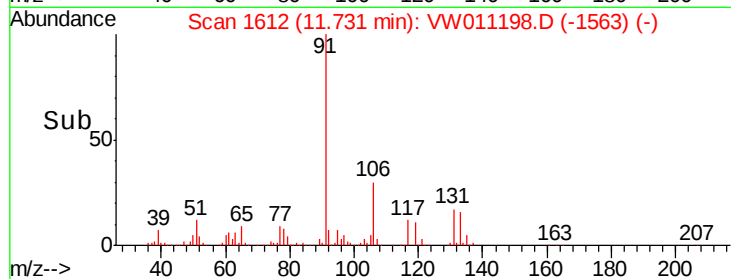
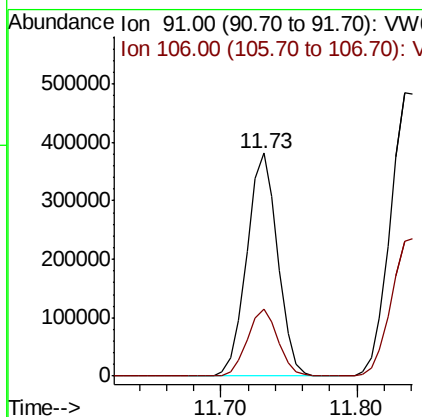
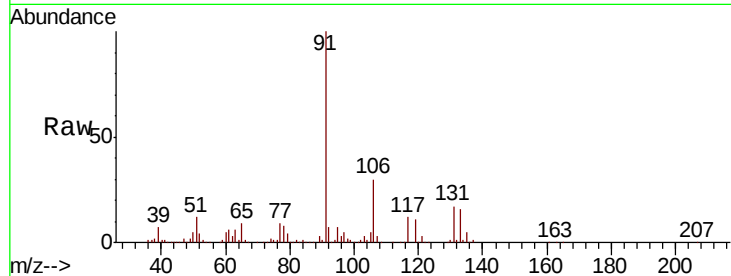




#67
Ethyl Benzene
Concen: 50.387 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011198.D
Acq: 10 Jul 2019 18:42

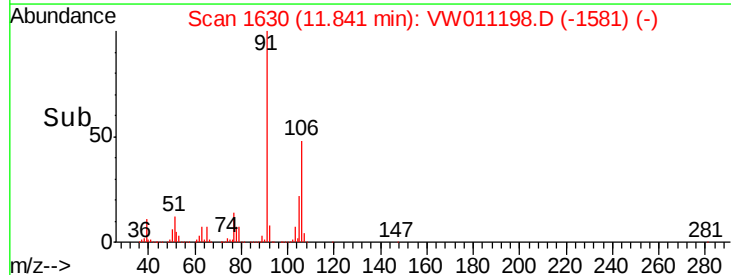
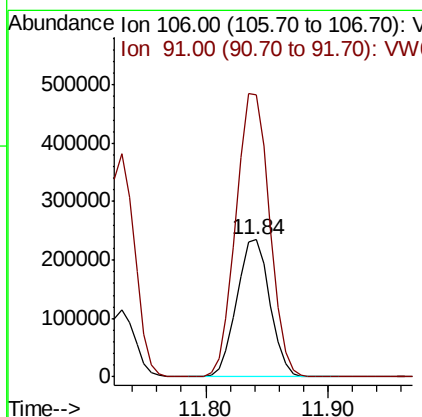
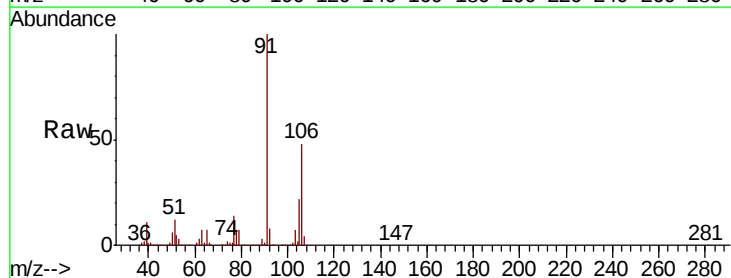
Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

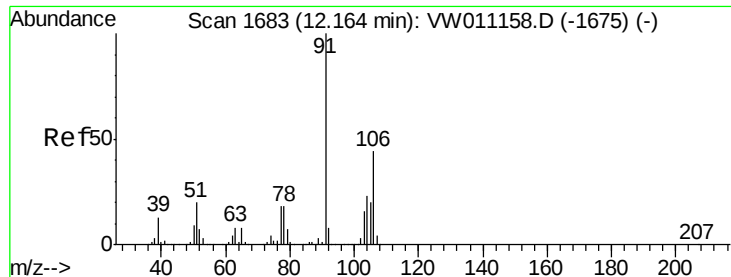
Tot Ion: 91 Resp: 607227
Ion Ratio Lower Upper
91 100
106 29.9 23.5 35.3



#68
m/p-Xylenes
Concen: 101.518 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW011198.D
Acq: 10 Jul 2019 18:42

Tgt Ion: 106 Resp: 442682
Ion Ratio Lower Upper
106 100
91 208.9 167.7 251.5

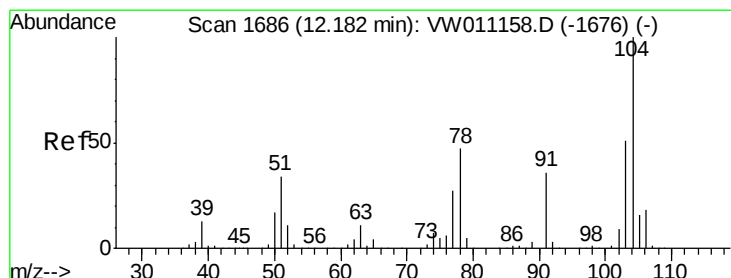
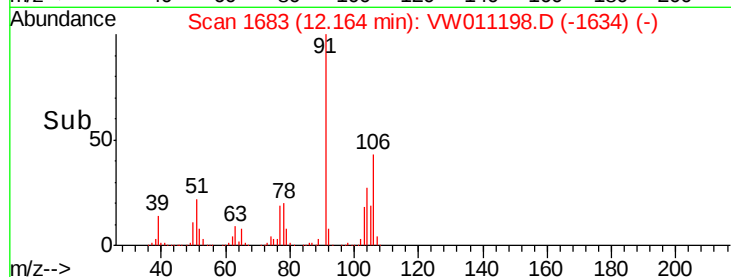
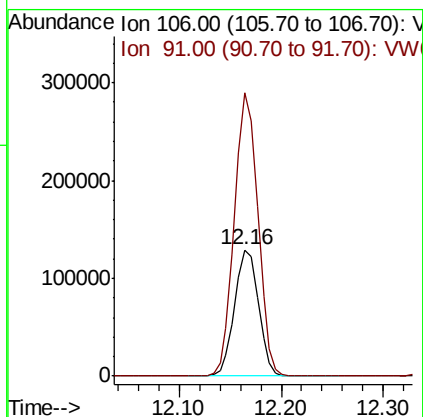
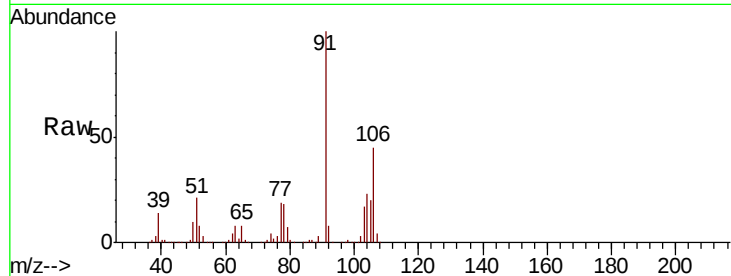




#69
o-Xylene
Concen: 50.945 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW011198.D
Acq: 10 Jul 2019 18:42

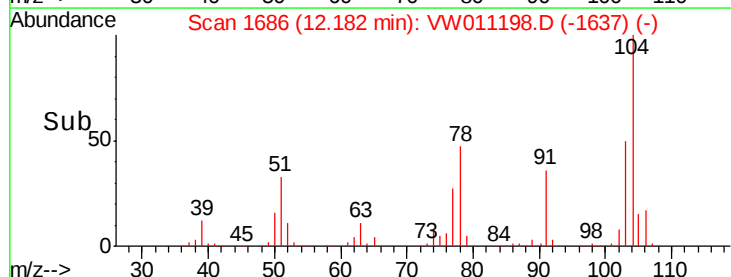
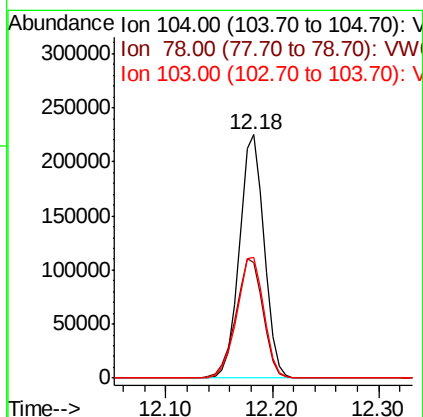
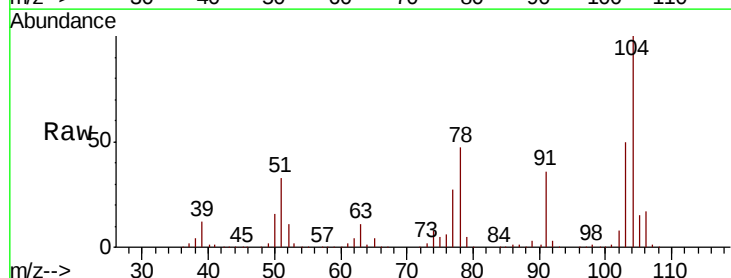
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

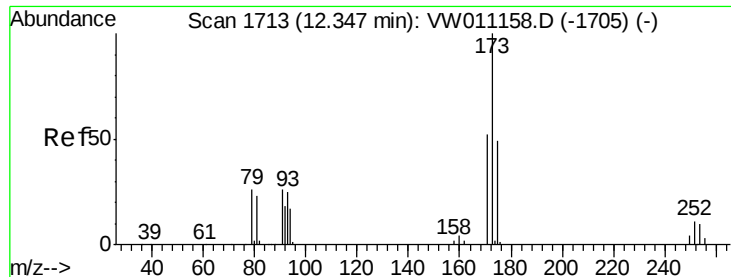
Tot Ion:106 Resp: 209382
Ion Ratio Lower Upper
106 100
91 220.5 110.7 332.1



#70
Styrene
Concen: 51.711 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW011198.D
Acq: 10 Jul 2019 18:42

Tgt Ion:104 Resp: 366788
Ion Ratio Lower Upper
104 100
78 54.1 43.1 64.7
103 54.5 44.1 66.1

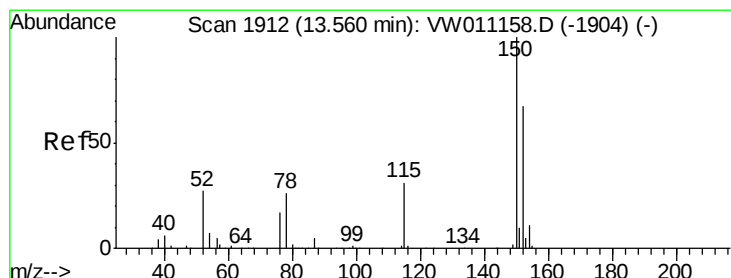
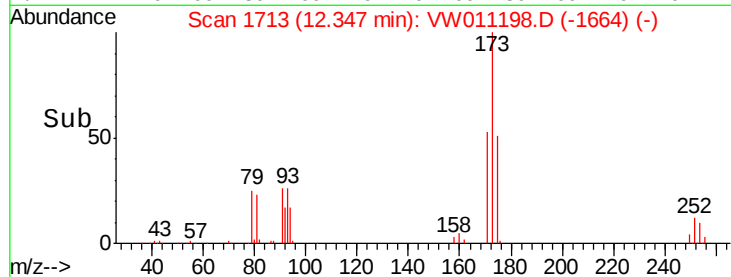
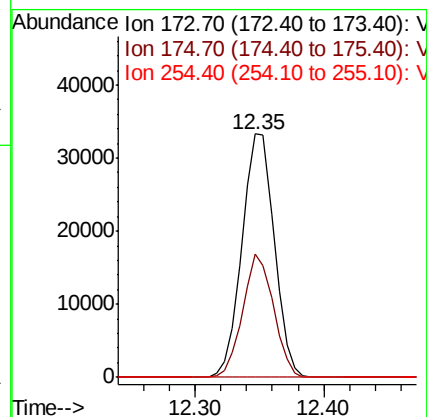
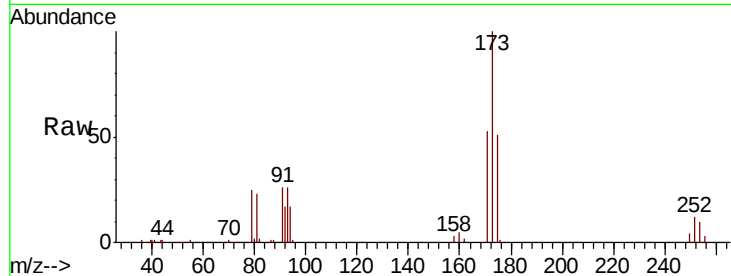




#71
Bromoform
Concen: 49.022 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW011198.D
Acq: 10 Jul 2019 18:42

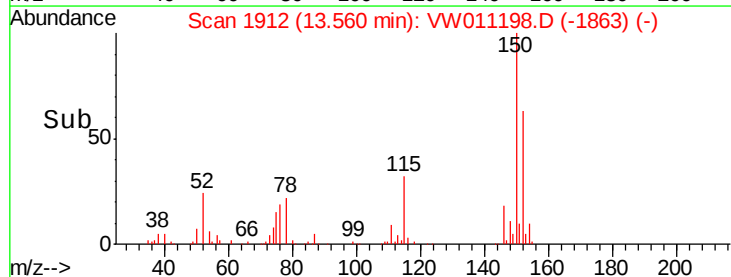
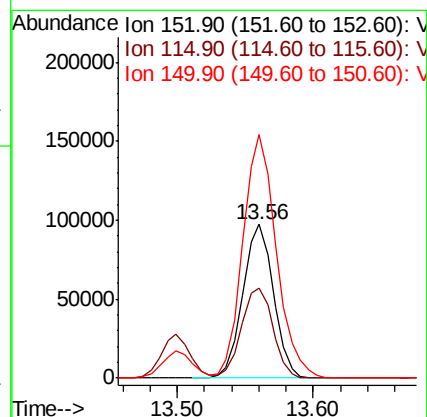
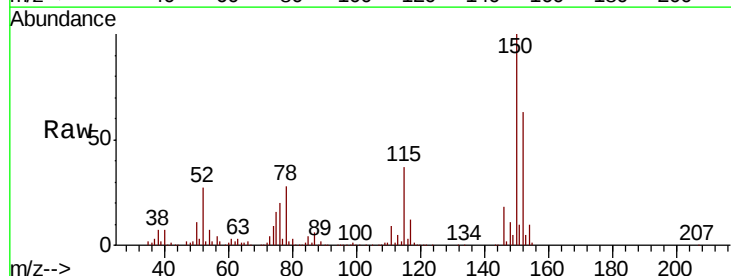
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

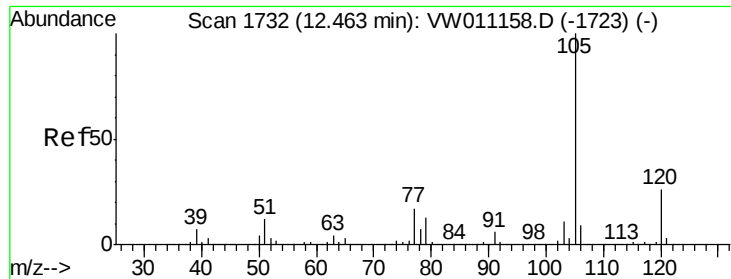
Tot Ion:173 Resp: 57772
Ion Ratio Lower Upper
173 100
175 48.5 24.8 74.3
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011198.D
Acq: 10 Jul 2019 18:42

Tgt Ion:152 Resp: 153044
Ion Ratio Lower Upper
152 100
115 60.9 30.1 90.3
150 173.1 0.0 346.0





#73

Isopropylbenzene

Concen: 49.999 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW011198.D

Acq: 10 Jul 2019 18:42

Instrument :

MSVOA_W

ClientSampleId :

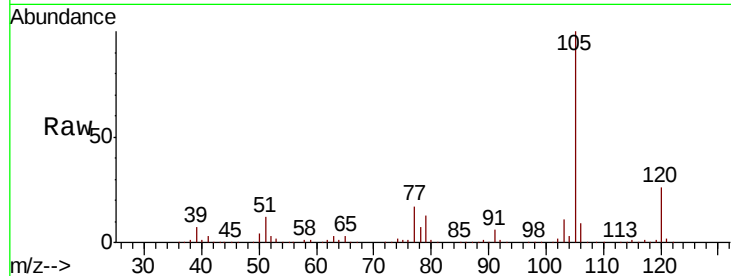
VSTDCCC050

Tot Ion:105 Resp: 572024

Ion Ratio Lower Upper

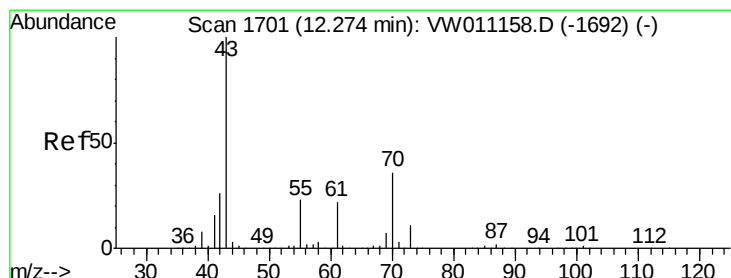
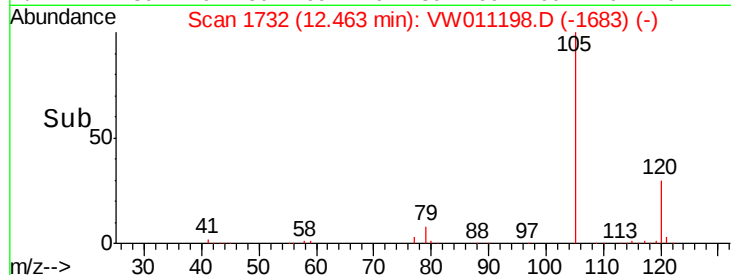
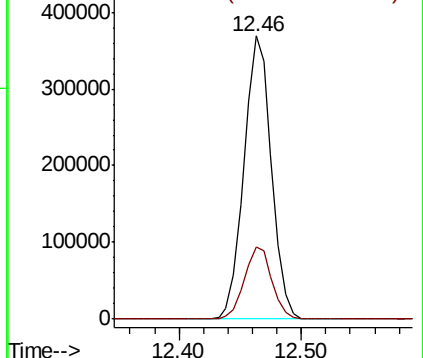
105 100

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: 51.407 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW011198.D

Acq: 10 Jul 2019 18:42

Tgt Ion: 43 Resp: 204829

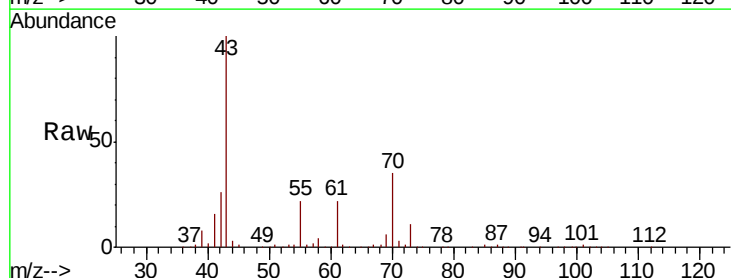
Ion Ratio Lower Upper

43 100

70 35.7 28.5 42.7

55 22.7 18.1 27.1

61 21.5 17.2 25.8

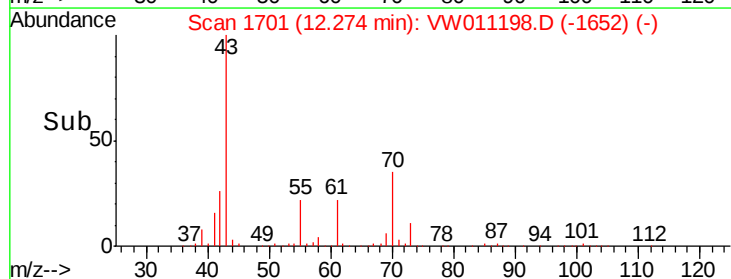
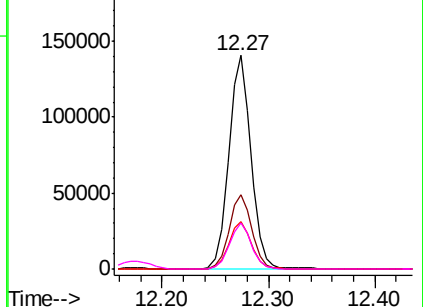


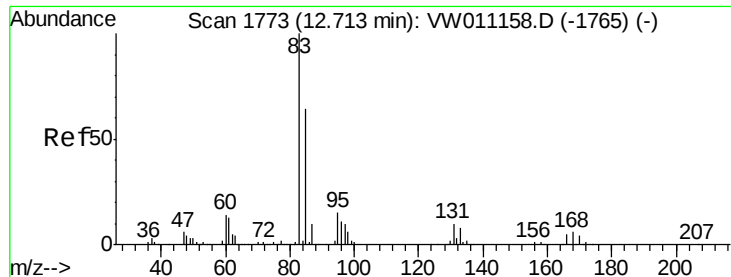
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 49.852 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW011198.D

Acq: 10 Jul 2019 18:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

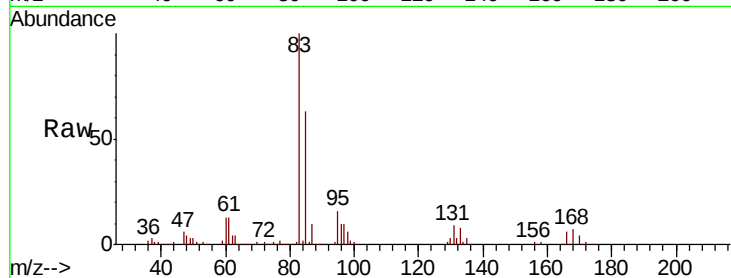
Tot Ion: 83 Resp: 116911

Ion Ratio Lower Upper

83 100

131 9.8 5.0 15.0

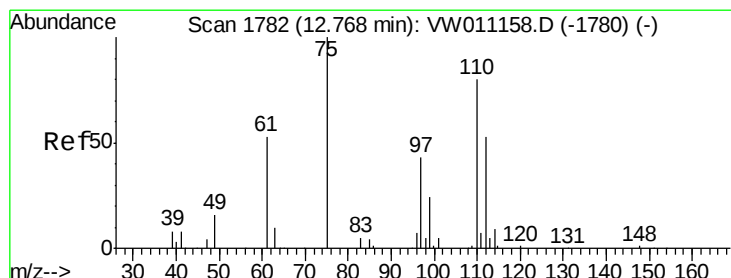
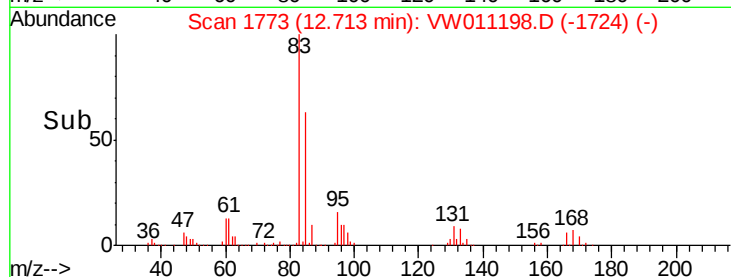
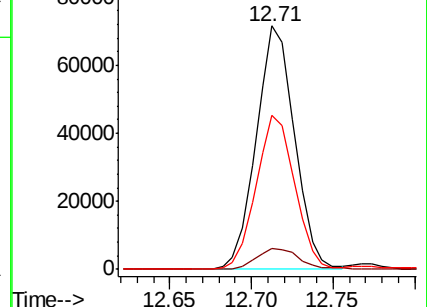
85 63.7 31.6 94.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 86.121 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW011198.D

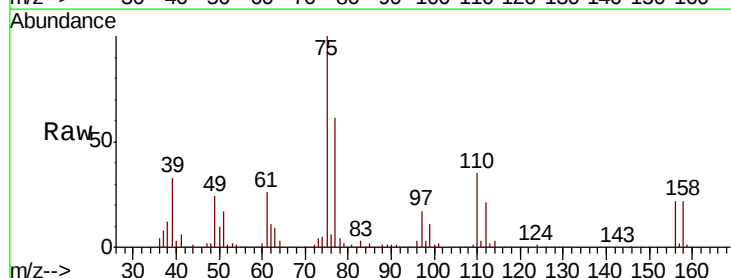
Acq: 10 Jul 2019 18:42

Tgt Ion: 75 Resp: 152316

Ion Ratio Lower Upper

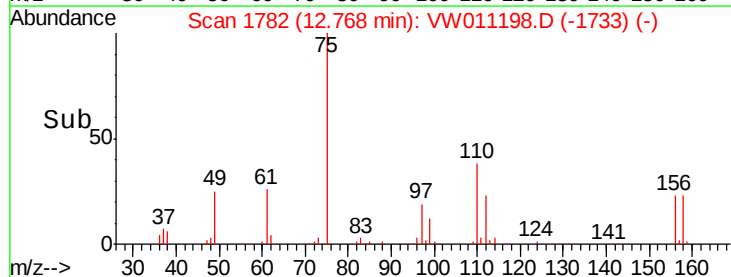
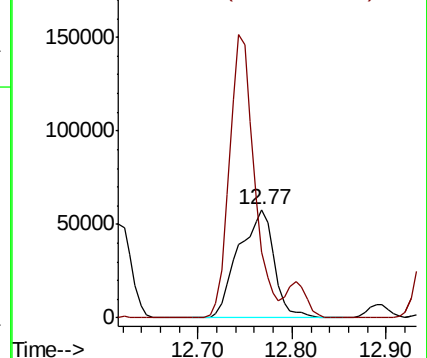
75 100

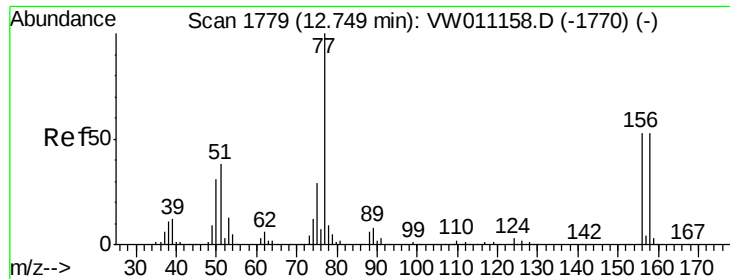
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 49.844 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW011198.D

Acq: 10 Jul 2019 18:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

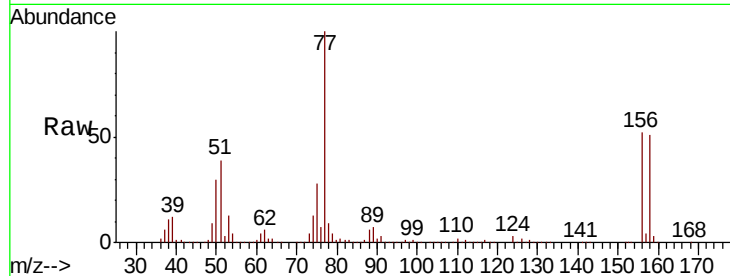
Tot Ion:156 Resp: 127974

Ion Ratio Lower Upper

156 100

77 218.1 109.0 327.0

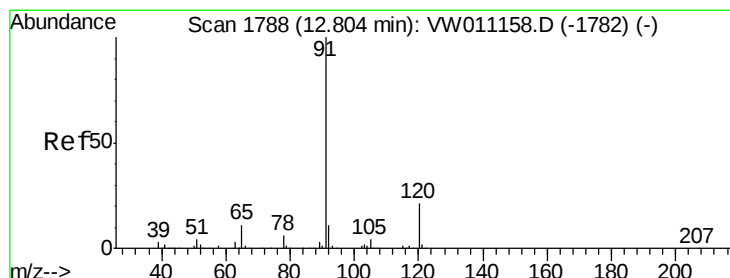
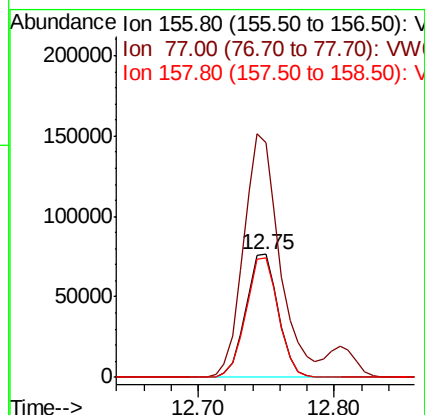
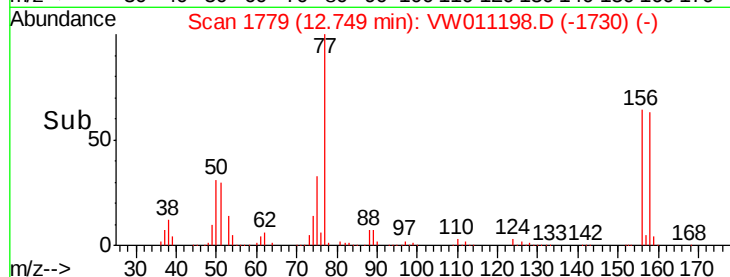
158 97.1 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.203 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW011198.D

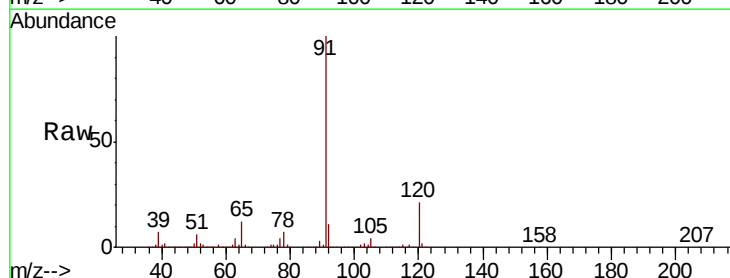
Acq: 10 Jul 2019 18:42

Tgt Ion: 91 Resp: 707522

Ion Ratio Lower Upper

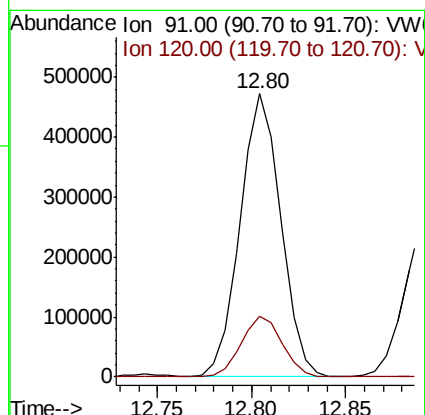
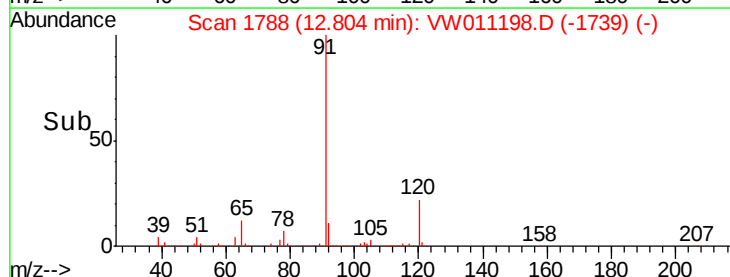
91 100

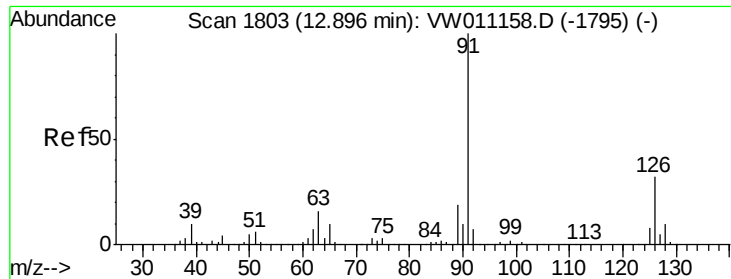
120 21.6 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

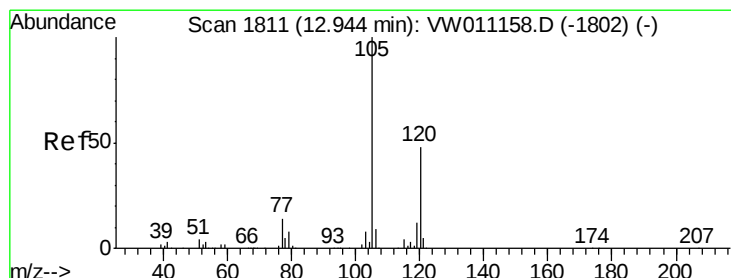
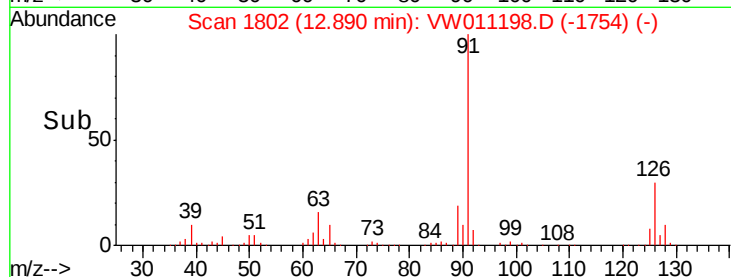
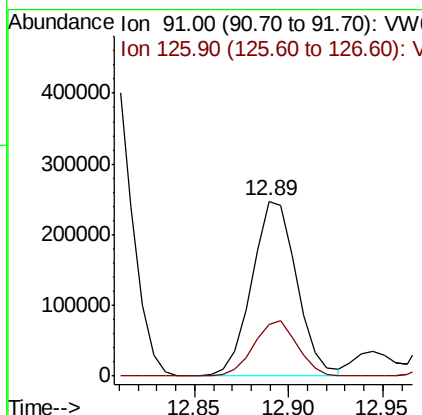
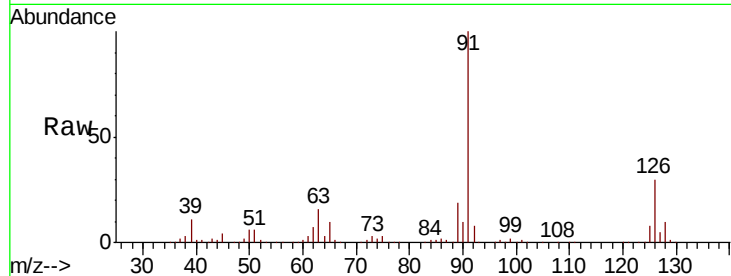




#79
2-Chlorotoluene
Concen: 50.155 ug/l
RT: 12.89 min Scan# 1802
Delta R.T. -0.01 min
Lab File: VW011198.D
Acq: 10 Jul 2019 18:42

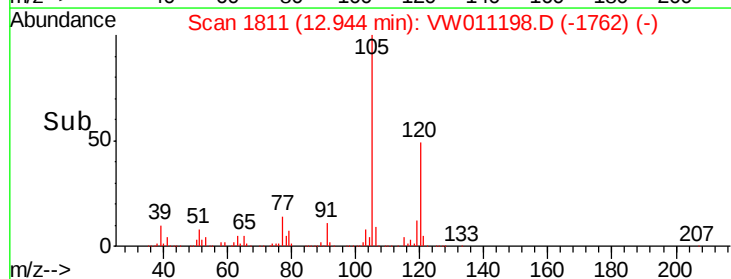
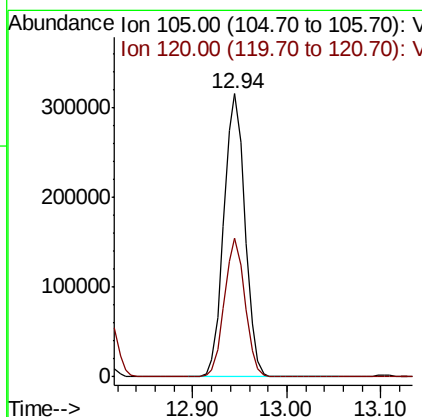
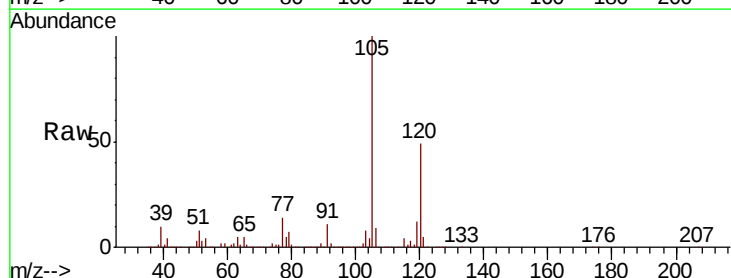
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

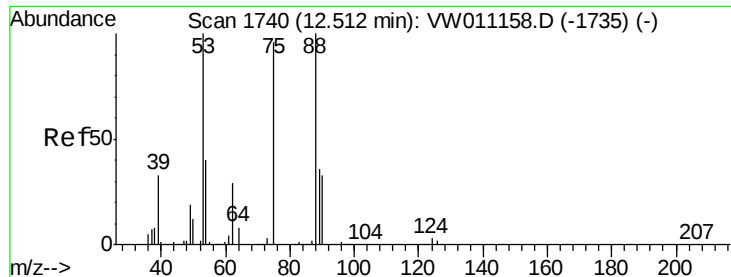
Tot Ion: 91 Resp: 406752
Ion Ratio Lower Upper
91 100
126 31.1 15.8 47.3



#80
1,3,5-Trimethylbenzene
Concen: 50.436 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW011198.D
Acq: 10 Jul 2019 18:42

Tgt Ion:105 Resp: 490205
Ion Ratio Lower Upper
105 100
120 47.9 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 46.775 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW011198.D

Acq: 10 Jul 2019 18:42

Instrument :

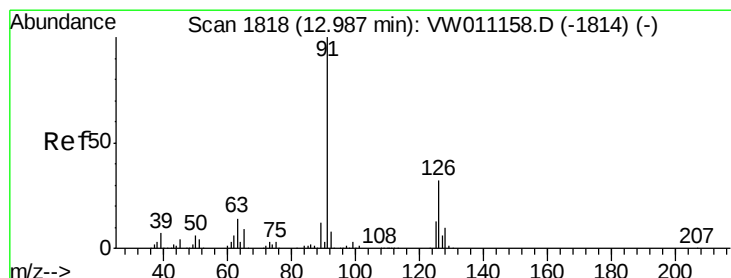
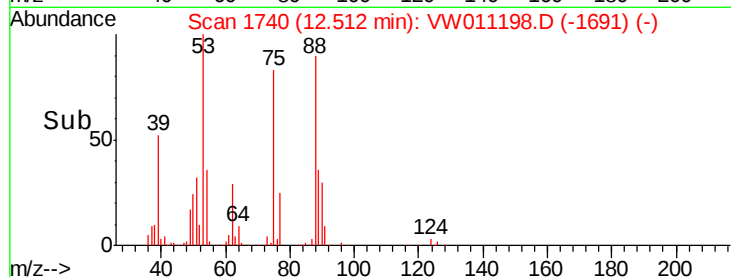
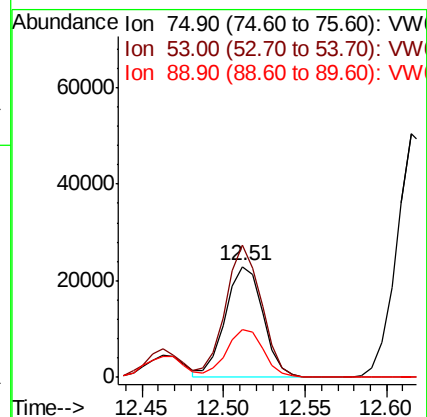
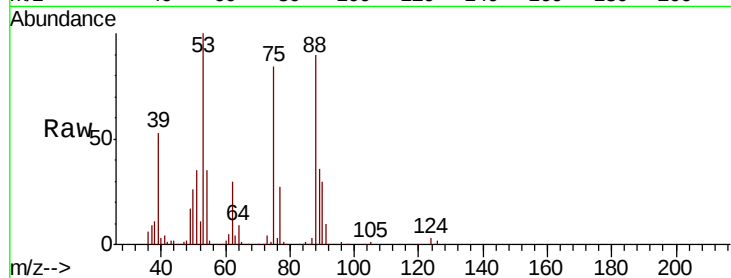
MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 36576

Ion	Ratio	Lower	Upper
75	100		
53	116.2	89.8	134.6
89	42.9	34.3	51.5



#82

4-Chlorotoluene

Concen: 49.775 ug/l

RT: 12.99 min Scan# 1818

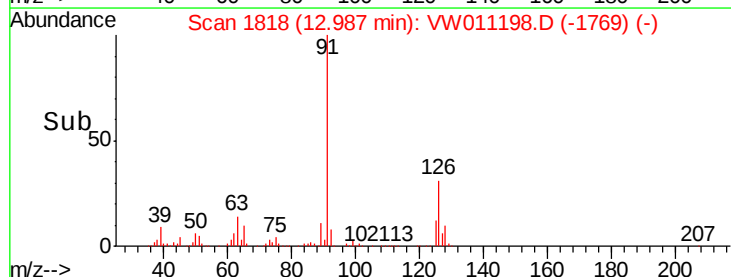
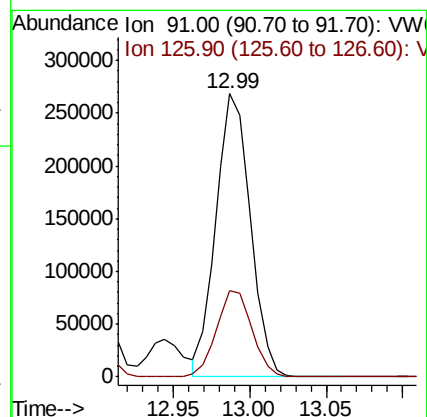
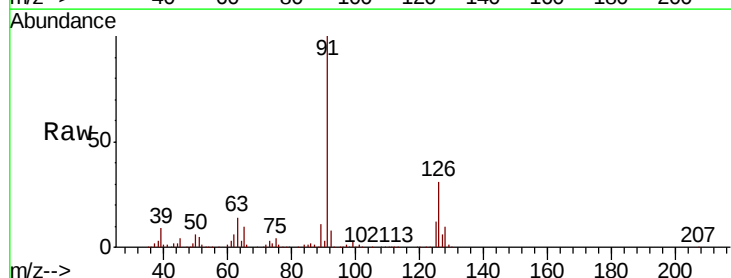
Delta R.T. 0.00 min

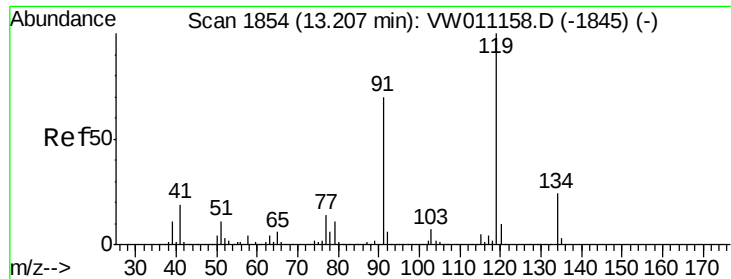
Lab File: VW011198.D

Acq: 10 Jul 2019 18:42

Tgt Ion: 91 Resp: 420454

Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.7	47.1

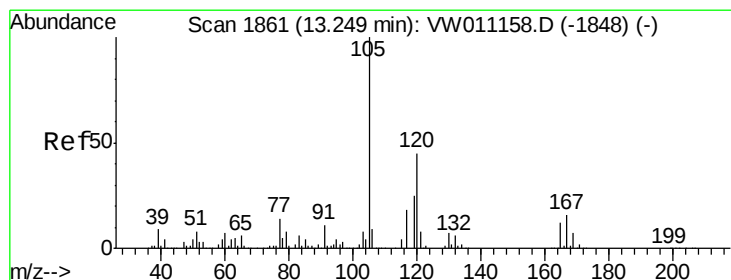
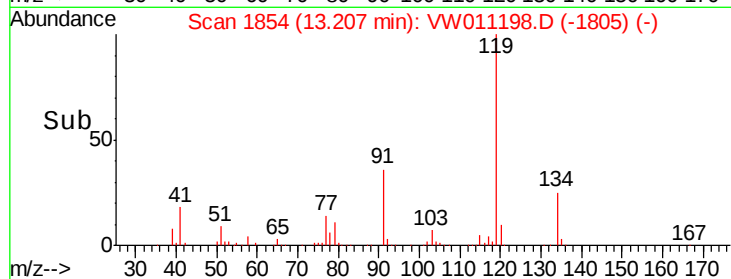
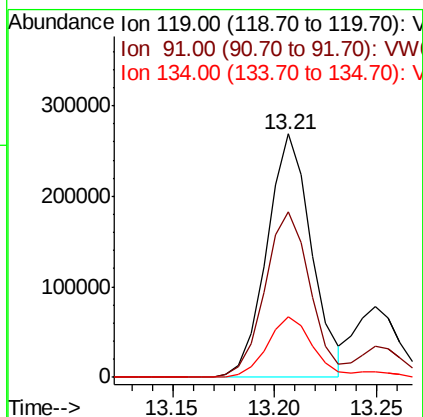
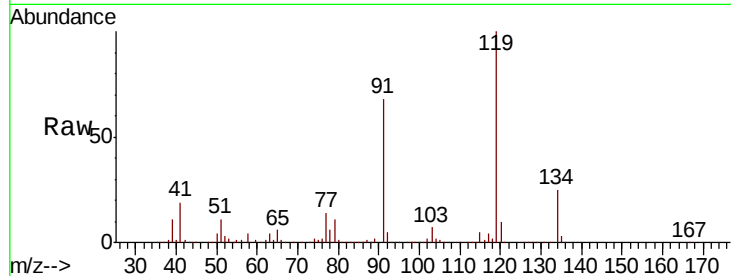




#83
tert-Butylbenzene
Concen: 50.508 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW011198.D
Acq: 10 Jul 2019 18:42

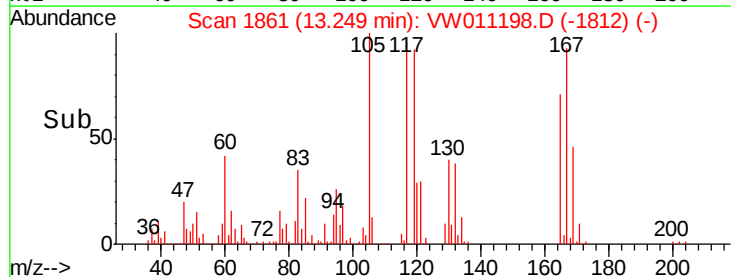
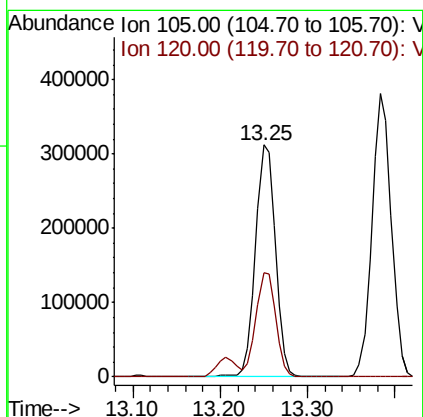
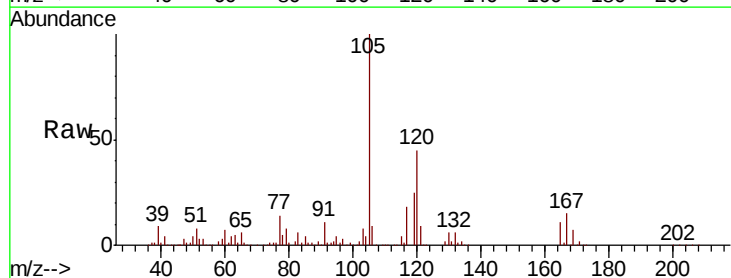
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

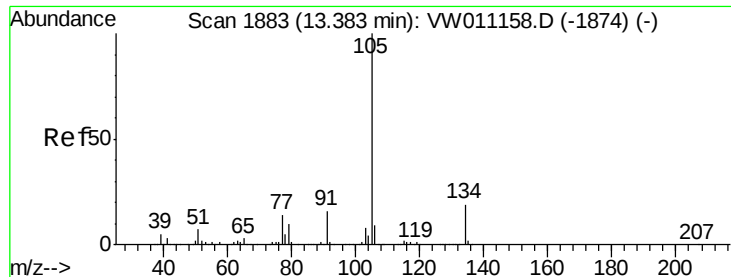
Tot Ion:119 Resp: 409416
Ion Ratio Lower Upper
119 100
91 69.0 35.4 106.3
134 25.3 13.4 40.2



#84
1,2,4-Trimethylbenzene
Concen: 50.616 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW011198.D
Acq: 10 Jul 2019 18:42

Tgt Ion:105 Resp: 493978
Ion Ratio Lower Upper
105 100
120 44.6 22.3 66.9





#85

sec-Butylbenzene

Concen: 50.200 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW011198.D

Acq: 10 Jul 2019 18:42

Instrument :

MSVOA_W

ClientSampleId :

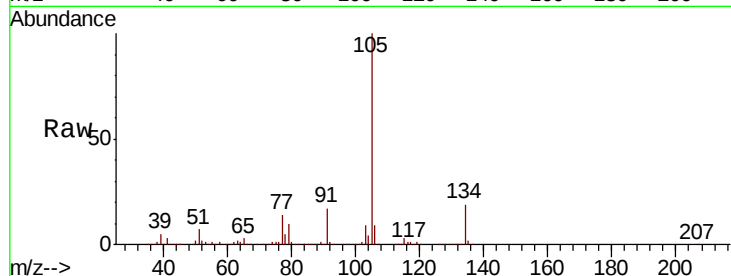
VSTDCCC050

Tot Ion:105 Resp: 587162

Ion Ratio Lower Upper

105 100

134 19.4 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.38

400000

300000

200000

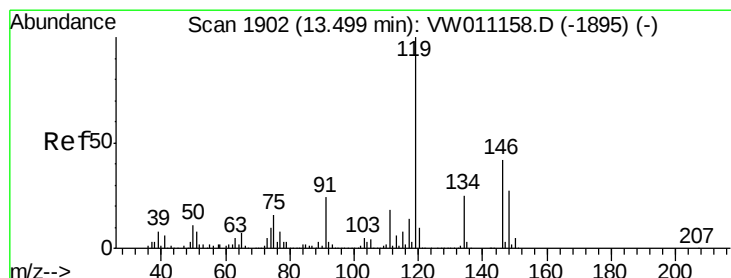
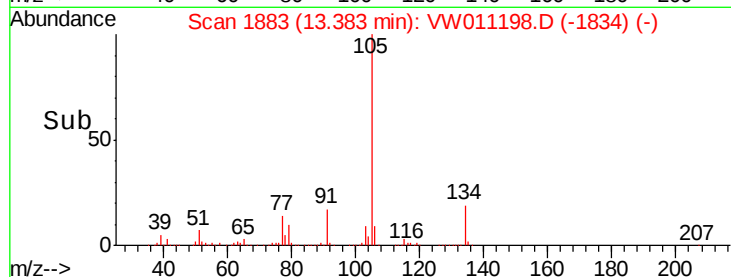
100000

0

Time-->

13.30

13.40



#86

p-Isopropyltoluene

Concen: 50.729 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW011198.D

Acq: 10 Jul 2019 18:42

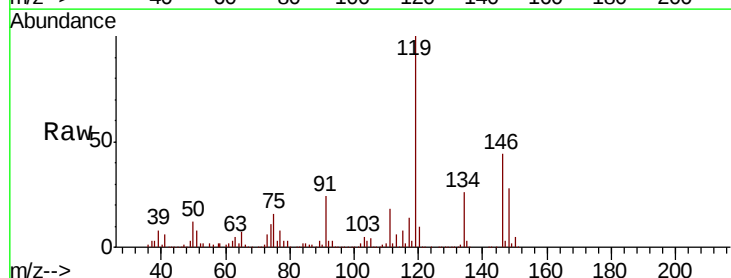
Tgt Ion:119 Resp: 532186

Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.6

91 24.7 12.3 36.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

500000

400000

300000

200000

100000

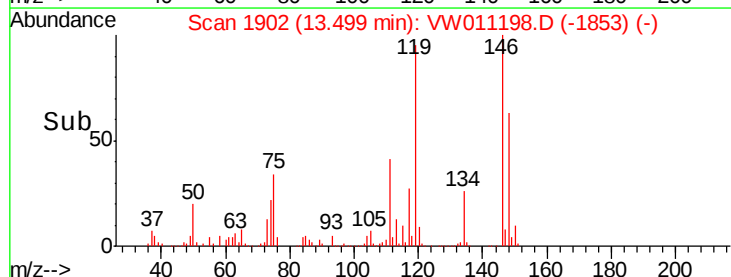
0

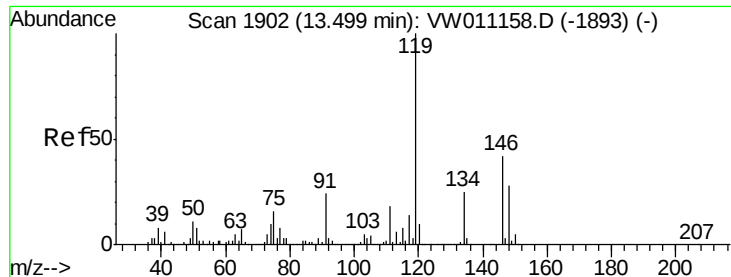
Time-->

13.40

13.50

13.60

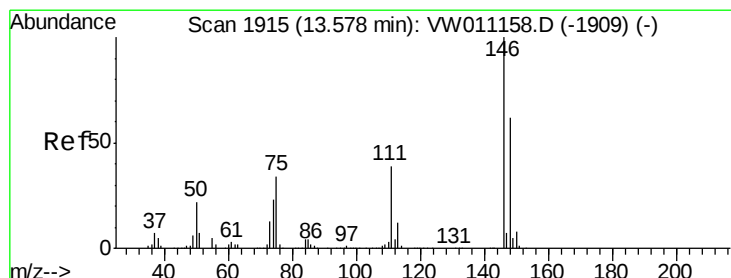
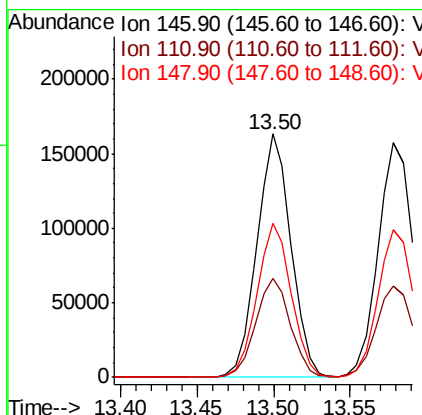
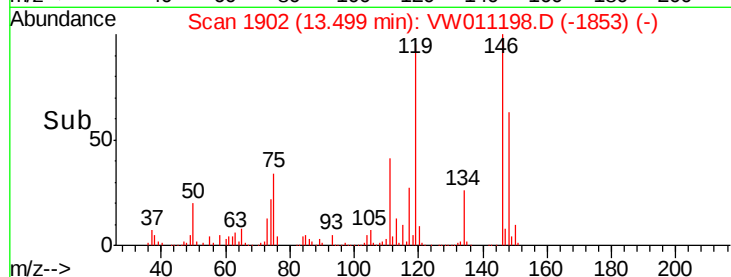
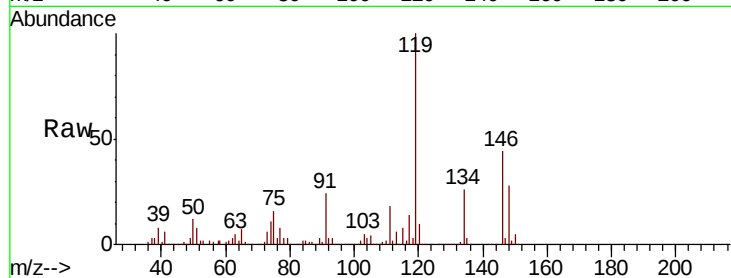




#87
 1,3-Dichlorobenzene
 Concen: 51.299 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW011198.D
 Acq: 10 Jul 2019 18:42

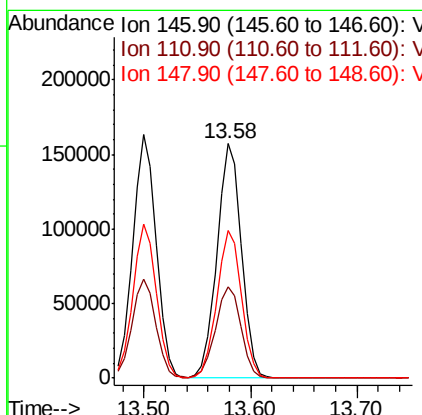
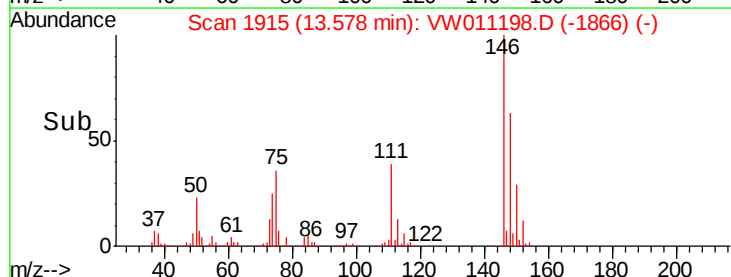
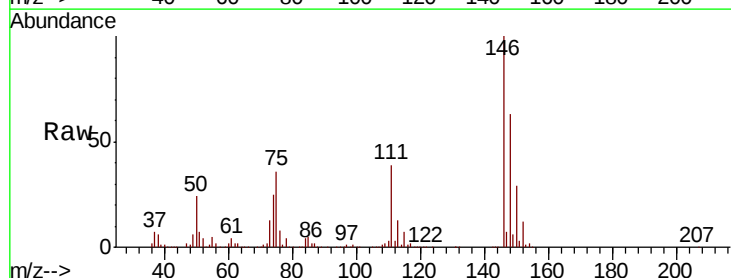
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

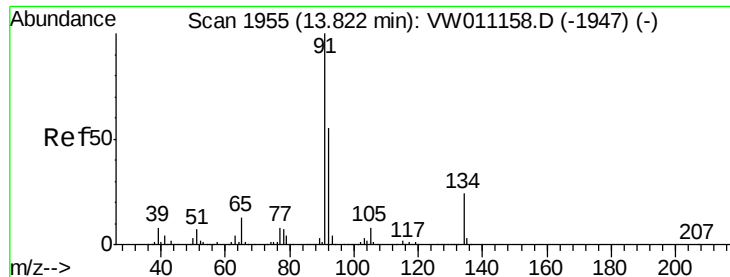
Tot Ion:146 Resp: 253409
 Ion Ratio Lower Upper
 146 100
 111 41.3 21.1 63.1
 148 63.4 32.6 97.7



#88
 1,4-Dichlorobenzene
 Concen: 50.354 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW011198.D
 Acq: 10 Jul 2019 18:42

Tgt Ion:146 Resp: 250478
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.9 59.7
 148 63.2 31.5 94.5





#89

n-Butylbenzene

Concen: 51.751 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW011198.D

Acq: 10 Jul 2019 18:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

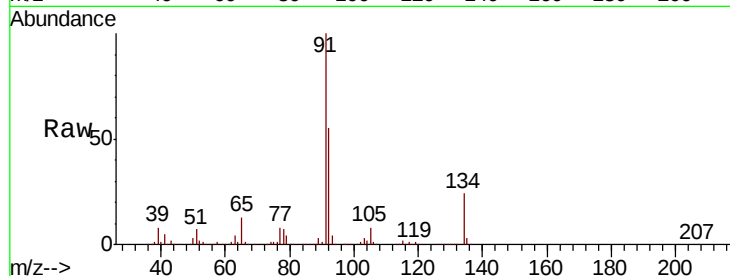
Tot Ion: 91 Resp: 541593

Ion Ratio Lower Upper

91 100

92 54.3 26.9 80.7

134 24.4 12.2 36.4

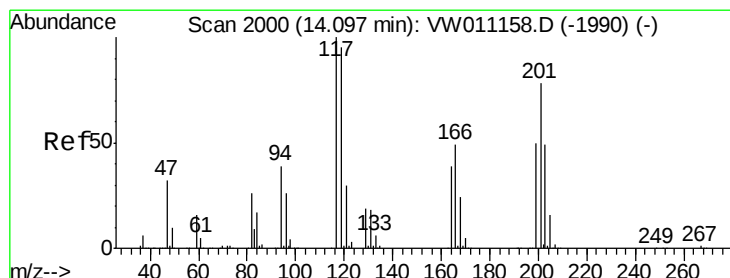
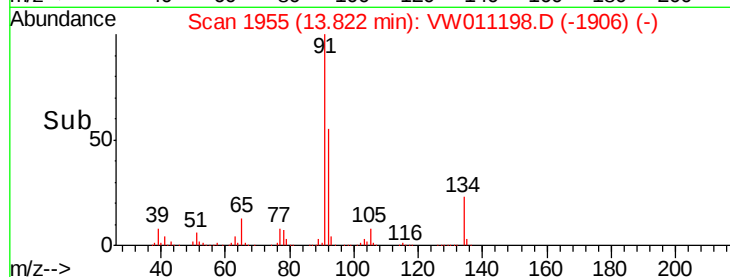
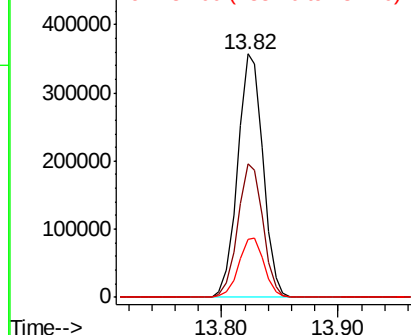


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 49.524 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW011198.D

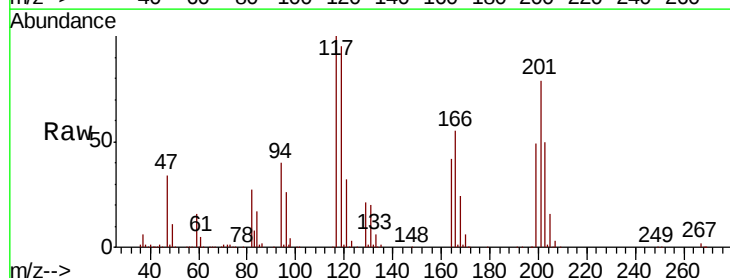
Acq: 10 Jul 2019 18:42

Tgt Ion: 117 Resp: 94939

Ion Ratio Lower Upper

117 100

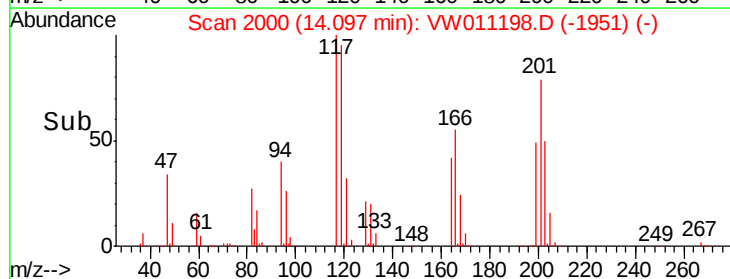
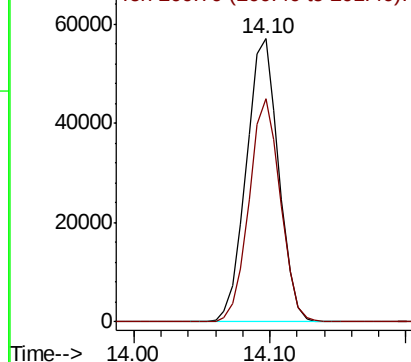
201 76.7 38.3 114.8

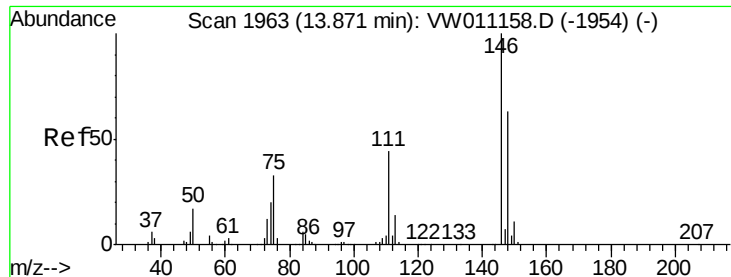


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 50.495 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW011198.D

Acq: 10 Jul 2019 18:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

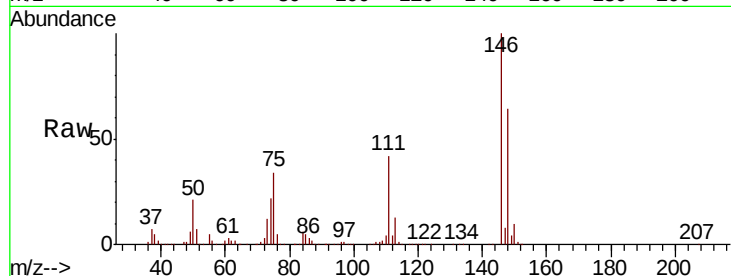
Tot Ion:146 Resp: 226293

Ion Ratio Lower Upper

146 100

111 43.6 21.6 65.0

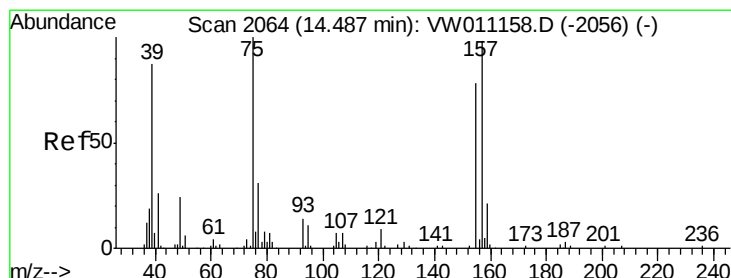
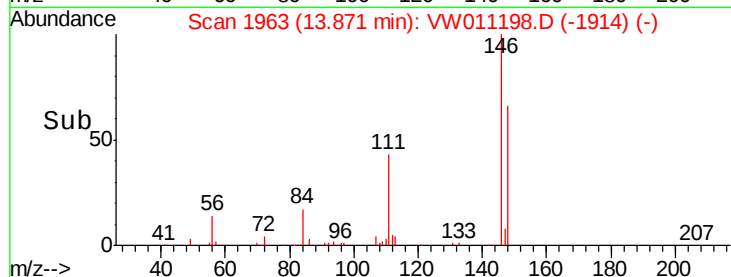
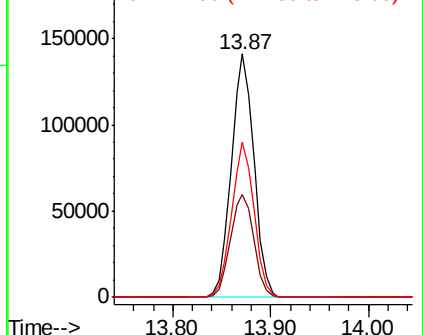
148 63.0 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.531 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW011198.D

Acq: 10 Jul 2019 18:42

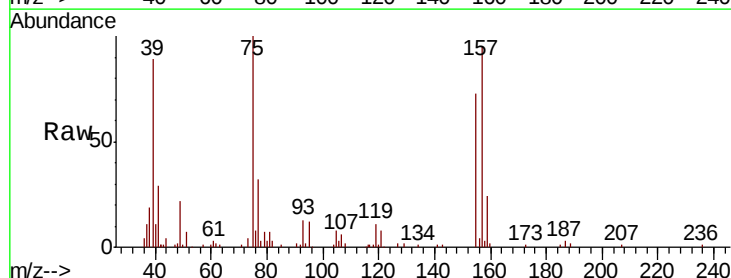
Tgt Ion: 75 Resp: 20188

Ion Ratio Lower Upper

75 100

155 74.2 37.1 111.3

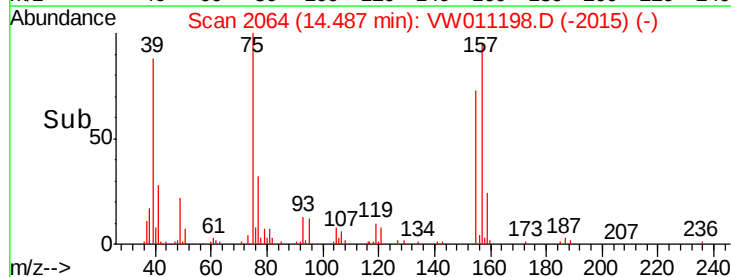
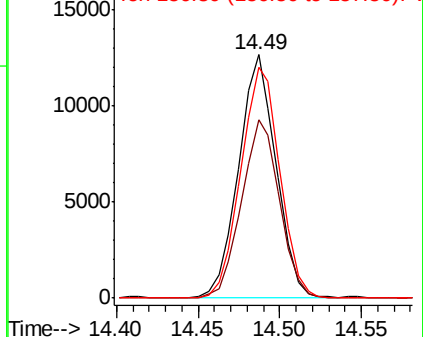
157 98.6 48.5 145.6

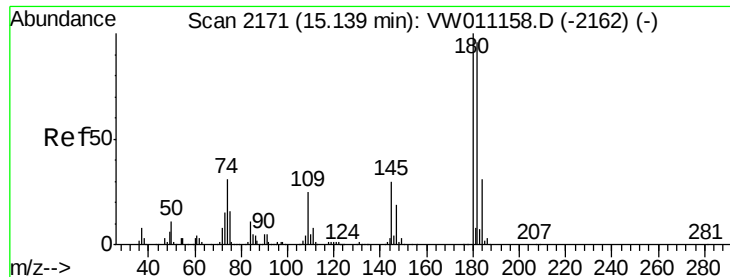


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

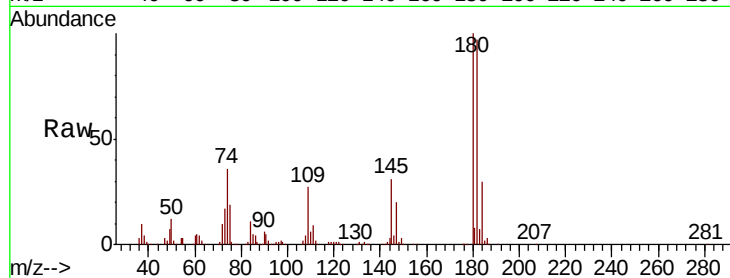




#93
 1,2,4-Trichlorobenzene
 Concen: 53.359 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: VW011198.D
 Acq: 10 Jul 2019 18:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.3	144.9
145	30.4	15.5	46.5

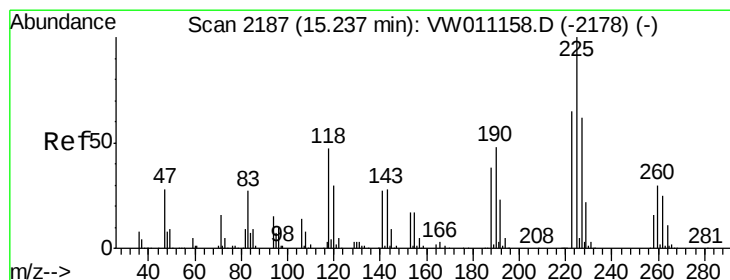
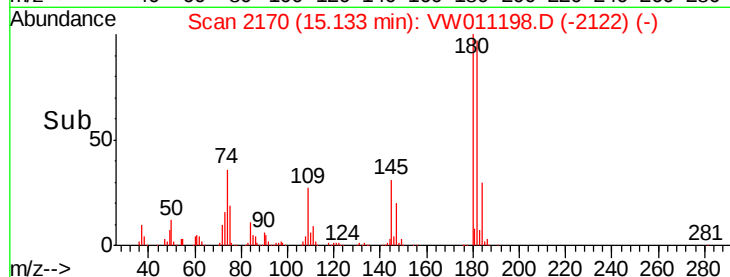
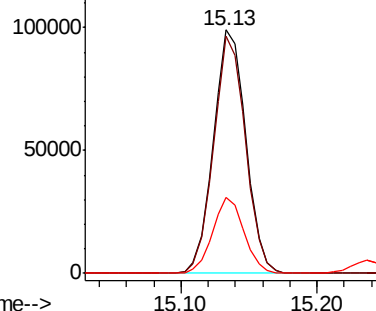


Abundance

Ion 179.80 (179.50 to 180.50): V

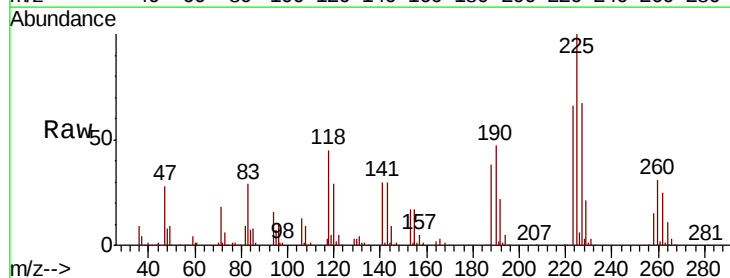
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 51.631 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW011198.D
 Acq: 10 Jul 2019 18:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.6	95.0
227	64.0	32.0	96.0

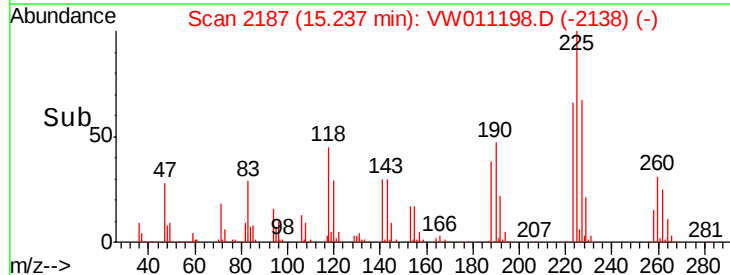
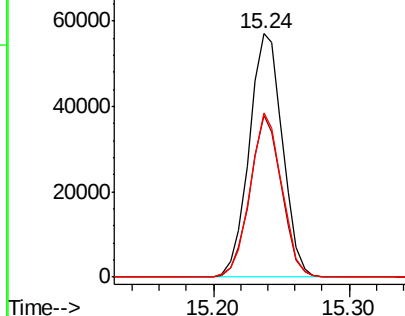


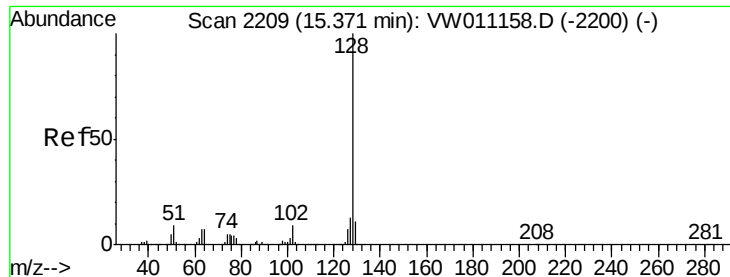
Abundance

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: 54.392 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW011198.D

Acq: 10 Jul 2019 18:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

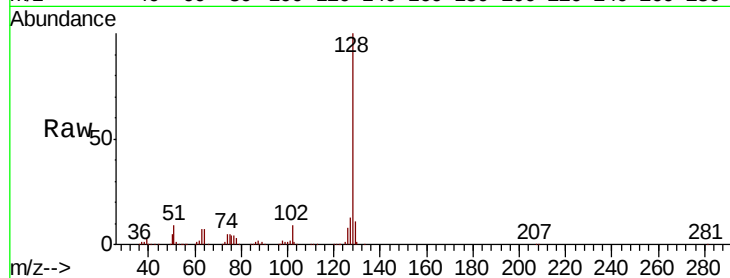
Tot Ion:128 Resp: 321730

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

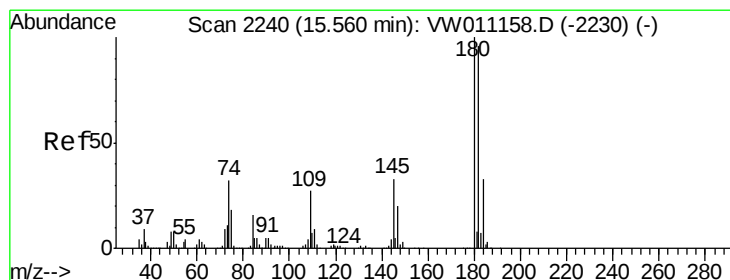
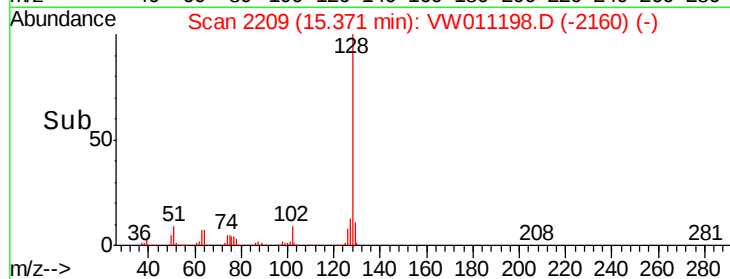
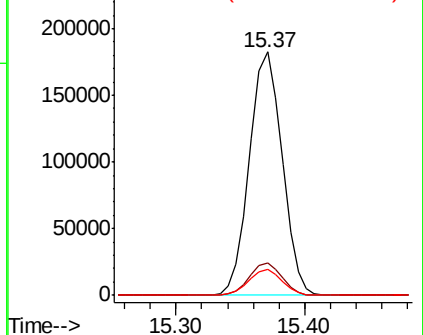
129 10.7 8.7 13.1



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: 54.213 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. 0.00 min

Lab File: VW011198.D

Acq: 10 Jul 2019 18:42

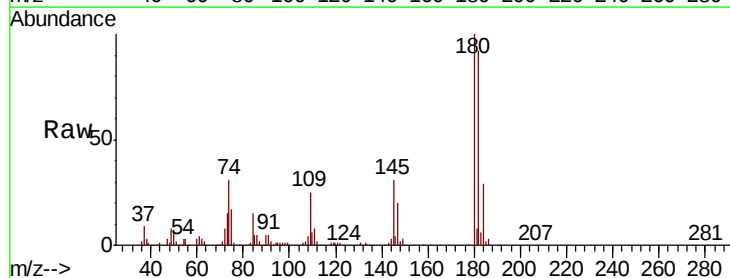
Tgt Ion:180 Resp: 147687

Ion Ratio Lower Upper

180 100

182 94.6 47.6 142.8

145 31.7 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

