

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011020\
 Data File : VW014595.D
 Acq On : 10 Jan 2020 10:16
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 11 03:57:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	764512	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1105918	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	936146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	460284	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	302193	45.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.42%	
35) Dibromofluoromethane	7.88	113	319434	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
50) Toluene-d8	10.32	98	1346742	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
62) 4-Bromofluorobenzene	12.62	95	448476	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	196553	45.534	ug/l	97
3) Chloromethane	2.21	50	249879	47.293	ug/l	100
4) Vinyl Chloride	2.36	62	405413	52.168	ug/l	100
5) Bromomethane	2.78	94	253152	52.732	ug/l	100
6) Chloroethane	2.92	64	240838	54.366	ug/l	100
7) Trichlorofluoromethane	3.25	101	224616	57.768	ug/l	98
8) Diethyl Ether	3.68	74	179035	46.278	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	380515	52.376	ug/l	99
10) Methyl Iodide	4.27	142	566580	51.687	ug/l	100
11) Tert butyl alcohol	5.16	59	103609	196.090	ug/l	98
12) 1,1-Dichloroethene	4.04	96	398224	52.342	ug/l	97
13) Acrolein	3.89	56	181061	310.352	ug/l	98
14) Allyl chloride	4.66	41	603365	51.897	ug/l	98
15) Acrylonitrile	5.36	53	380822	215.353	ug/l	99
16) Acetone	4.11	43	450873	238.885	ug/l	99
17) Carbon Disulfide	4.38	76	1146653	50.005	ug/l	99
18) Methyl Acetate	4.67	43	184248	40.420	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	459236	48.627	ug/l	100
20) Methylene Chloride	4.91	84	391943	51.475	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	408522	50.570	ug/l	98
22) Diisopropyl ether	6.31	45	1075279	49.412	ug/l	99
23) Vinyl Acetate	6.24	43	3026276	230.296	ug/l	100
24) 1,1-Dichloroethane	6.21	63	692772	50.469	ug/l	99
25) 2-Butanone	7.17	43	510747	210.864	ug/l	99
26) 2,2-Dichloropropane	7.16	77	393971	51.840	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	431246	50.804	ug/l	99
28) Bromochloromethane	7.51	49	275340	51.163	ug/l	97
29) Tetrahydrofuran	7.52	42	302564	201.636	ug/l	98
30) Chloroform	7.67	83	648605	50.528	ug/l	98
31) Cyclohexane	7.95	56	690437	48.399	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	535575	51.878	ug/l	99
36) 1,1-Dichloropropene	8.08	75	567069	53.188	ug/l	100
37) Ethyl Acetate	7.24	43	206776	42.763	ug/l	99
38) Carbon Tetrachloride	8.06	117	491873	53.178	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	729604	53.326	ug/l	99
40) Benzene	8.32	78	1586117	52.581	ug/l	100
41) Methacrylonitrile	7.48	41	133572	49.556	ug/l	93
42) 1,2-Dichloroethane	8.40	62	380582	48.617	ug/l	100
43) Isopropyl Acetate	8.42	43	386523	44.021	ug/l	98
44) Trichloroethene	9.09	130	433395	53.096	ug/l	98
45) 1,2-Dichloropropane	9.37	63	380041	51.341	ug/l	97
46) Dibromomethane	9.46	93	174612	47.783	ug/l	98
47) Bromodichloromethane	9.64	83	465536	51.601	ug/l	99
48) Methyl methacrylate	9.43	41	192288	44.854	ug/l	99
49) 1,4-Dioxane	9.44	88	64684	946.397	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	985869	216.213	ug/l	99
52) Toluene	10.38	92	1005069	52.961	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	468173	50.119	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	591372	51.799	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	258888	48.508	ug/l	98
56) Ethyl methacrylate	10.64	69	331104	47.737	ug/l	98
57) 1,3-Dichloropropane	10.93	76	454893	48.496	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	576377	273.236	ug/l	99
59) 2-Hexanone	10.96	43	717121	228.234	ug/l	100
60) Dibromochloromethane	11.13	129	302371	50.213	ug/l	99
61) 1,2-Dibromoethane	11.23	107	242039	47.777	ug/l	99
64) Tetrachloroethene	10.86	164	368648	54.394	ug/l	98
65) Chlorobenzene	11.65	112	1020939	53.233	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	343141	53.139	ug/l	99
67) Ethyl Benzene	11.73	91	1891861	54.737	ug/l	99
68) m/p-Xylenes	11.83	106	1446995	109.388	ug/l	99
69) o-Xylene	12.16	106	664391	54.374	ug/l	100
70) Styrene	12.18	104	1137190	55.023	ug/l	100
71) Bromoform	12.35	173	168892	47.950	ug/l #	99
73) Isopropylbenzene	12.46	105	1864514	55.206	ug/l	100
74) N-amyl acetate	12.27	43	353023	46.618	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	281172	46.124	ug/l	99
76) 1,2,3-Trichloropropane	12.76	75	361692	83.111	ug/l #	100
77) Bromobenzene	12.74	156	407622	51.965	ug/l	98
78) n-propylbenzene	12.80	91	2200233	55.402	ug/l	100
79) 2-Chlorotoluene	12.89	91	1209952	53.537	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1558056	54.944	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	92790	47.506	ug/l	99
82) 4-Chlorotoluene	12.99	91	1258592	53.602	ug/l	100
83) tert-Butylbenzene	13.21	119	1379587	55.566	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	1531812	54.282	ug/l	100
85) sec-Butylbenzene	13.38	105	1906799	55.485	ug/l	100
86) p-Isopropyltoluene	13.49	119	1765739	56.370	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	810674	53.147	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	800187	53.137	ug/l	100
89) n-Butylbenzene	13.82	91	1653045	56.828	ug/l	99
90) Hexachloroethane	14.09	117	302979	55.368	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	704506	52.549	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	42951	44.493	ug/l	98

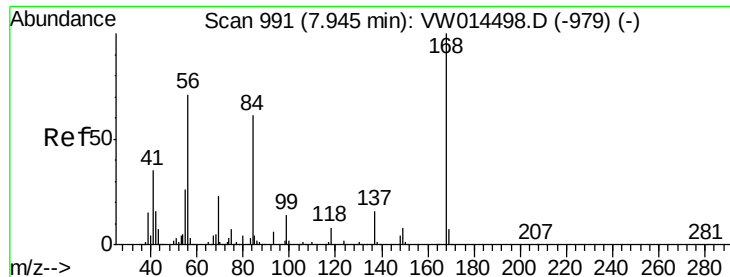
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011020\
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Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	503126	55.573	ug/l	98
94) Hexachlorobutadiene	15.24	225	336059	55.390	ug/l	99
95) Naphthalene	15.36	128	795534	51.523	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	427315	54.149	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW014595.D

Acq: 10 Jan 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

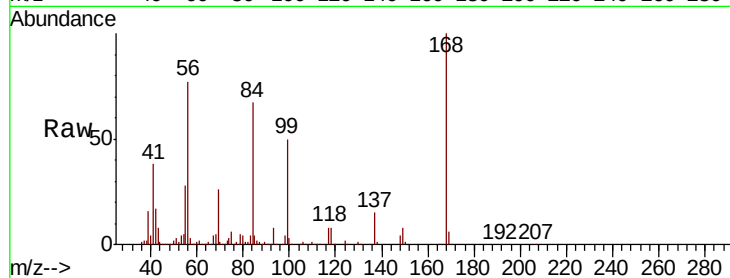
VSTDCCC050

Tot Ion:168 Resp: 764512

Ion Ratio Lower Upper

168 100

99 49.5 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

300000

200000

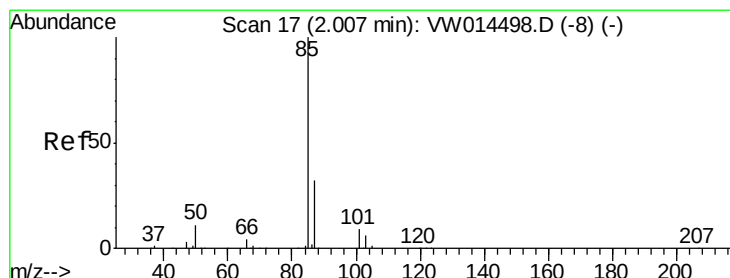
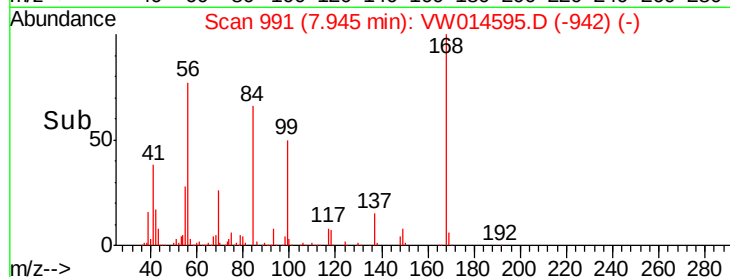
100000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 45.534 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW014595.D

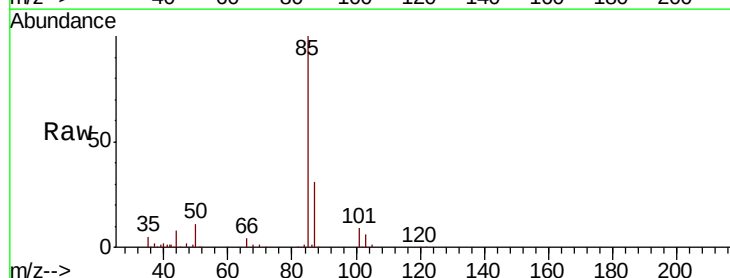
Acq: 10 Jan 2020 10:16

Tgt Ion: 85 Resp: 196553

Ion Ratio Lower Upper

85 100

87 30.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

60000

40000

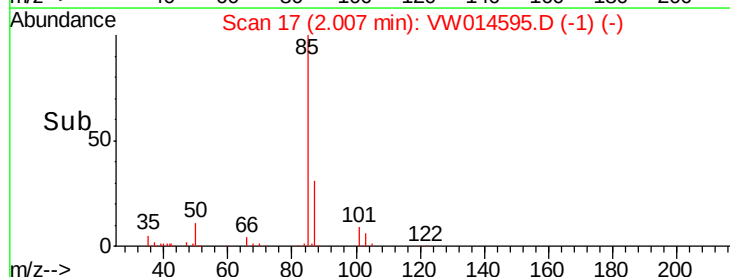
20000

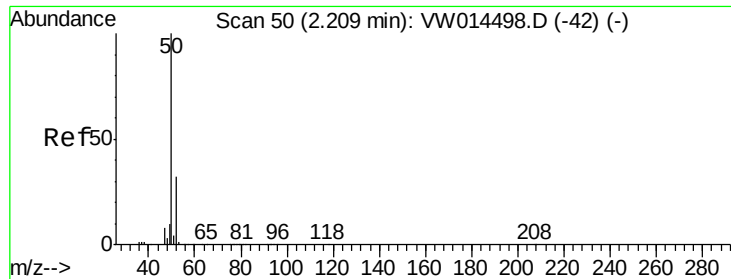
0

2.00

2.20

Time-->





#3

Chloromethane

Concen: 47.293 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW014595.D

Acq: 10 Jan 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

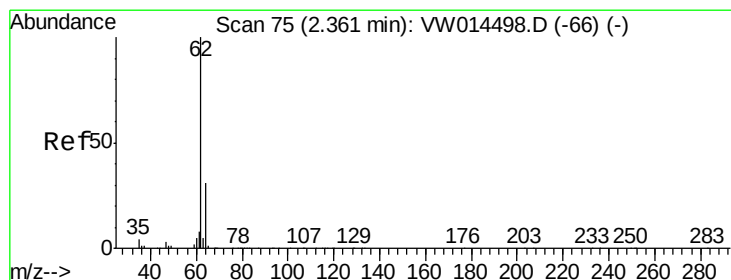
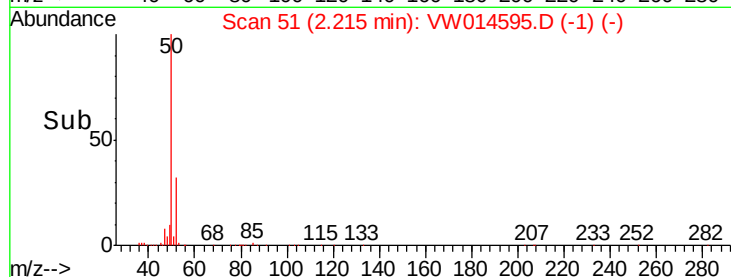
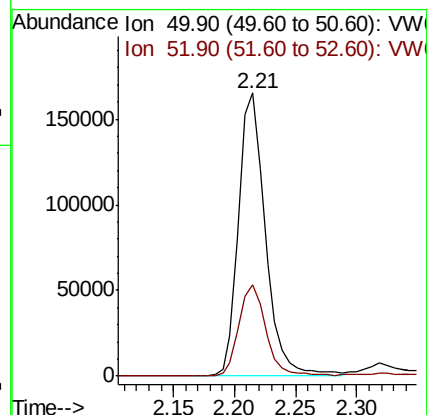
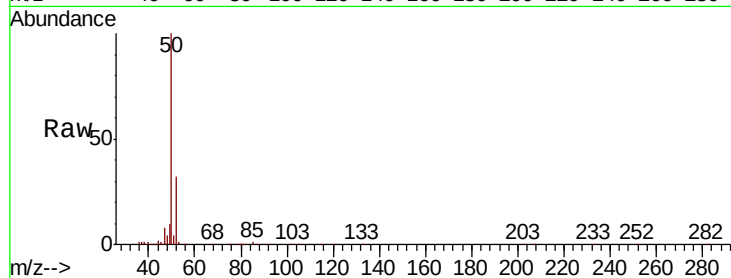
VSTDCCC050

Tot Ion: 50 Resp: 249879

Ion Ratio Lower Upper

50 100

52 32.3 25.8 38.8



#4

Vinyl Chloride

Concen: 52.168 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW014595.D

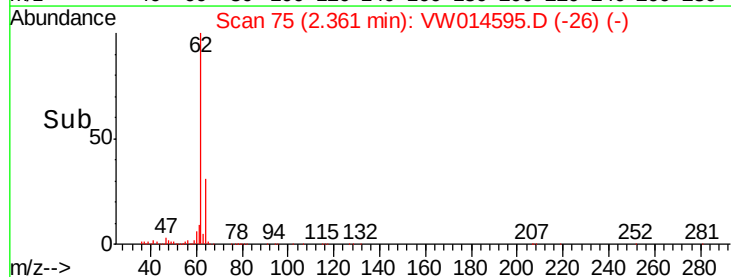
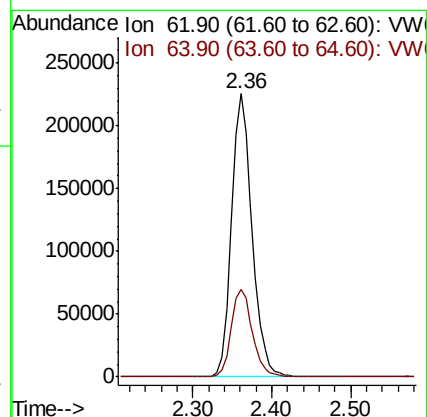
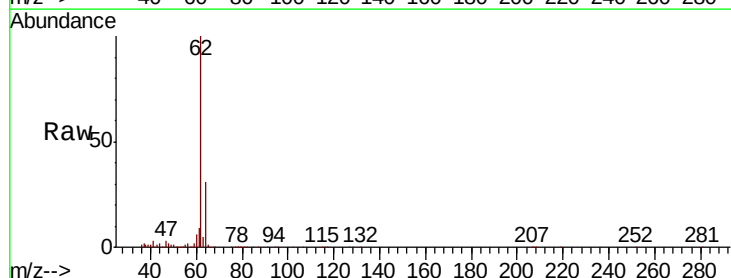
Acq: 10 Jan 2020 10:16

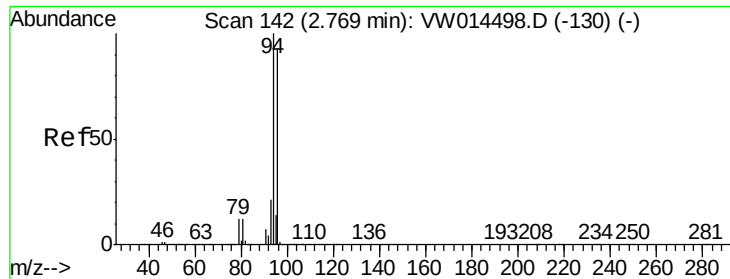
Tgt Ion: 62 Resp: 405413

Ion Ratio Lower Upper

62 100

64 31.0 25.0 37.4





#5

Bromomethane

Concen: 52.732 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW014595.D

Acq: 10 Jan 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

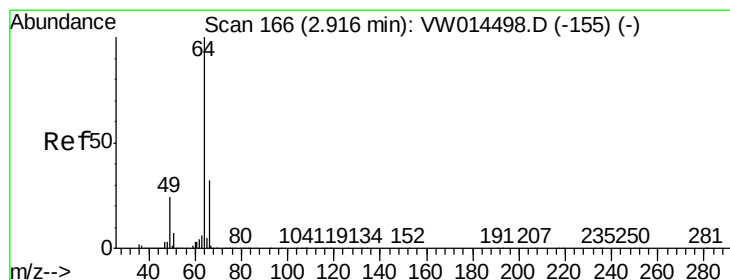
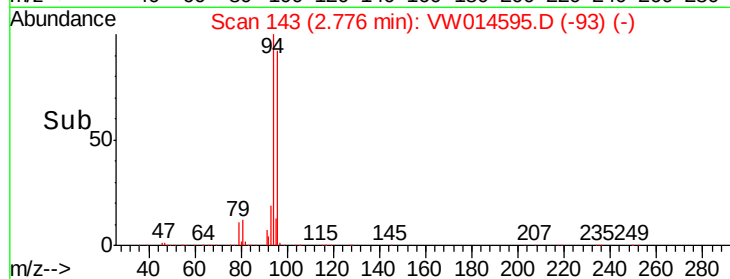
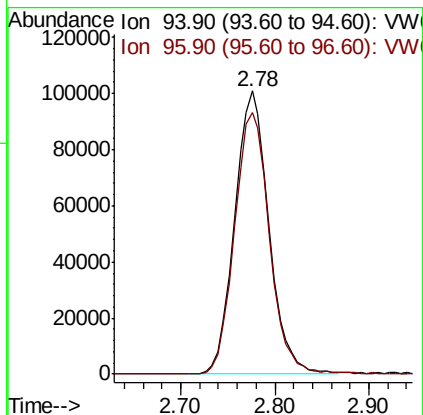
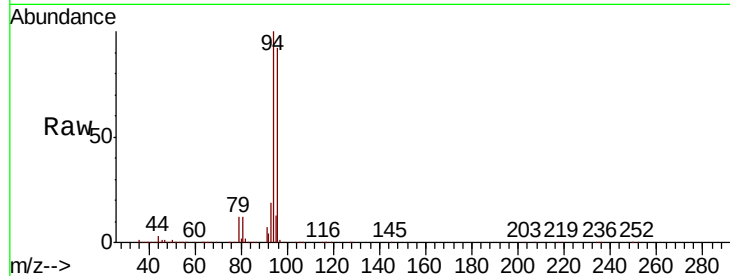
VSTDCCC050

Tot Ion: 94 Resp: 253152

Ion Ratio Lower Upper

94 100

96 92.3 74.2 111.2



#6

Chloroethane

Concen: 54.366 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.01 min

Lab File: VW014595.D

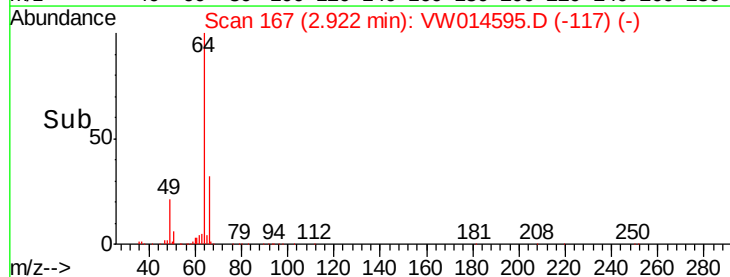
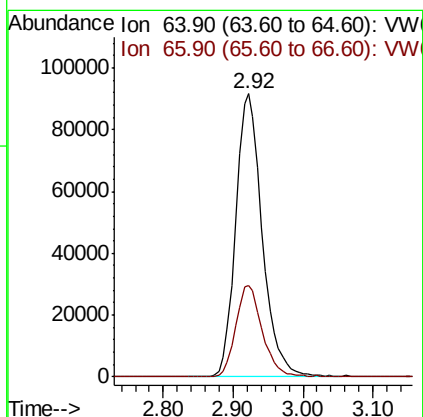
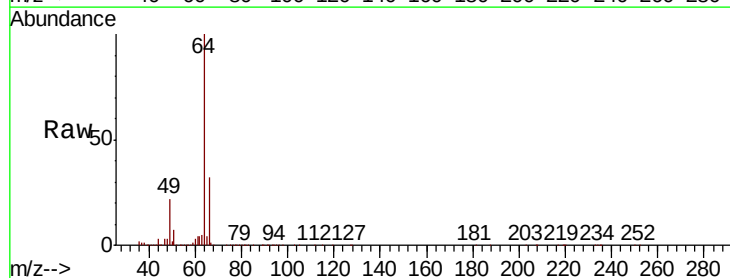
Acq: 10 Jan 2020 10:16

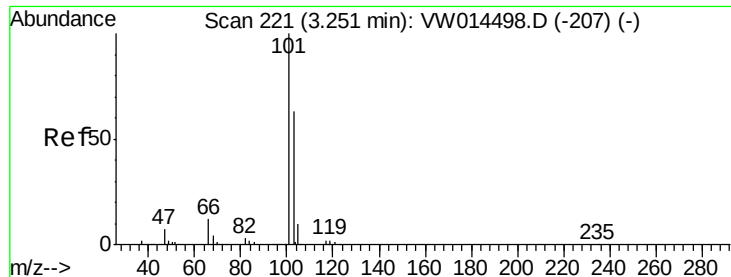
Tgt Ion: 64 Resp: 240838

Ion Ratio Lower Upper

64 100

66 32.3 25.7 38.5



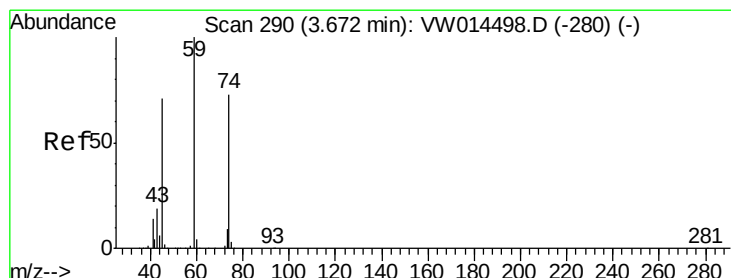
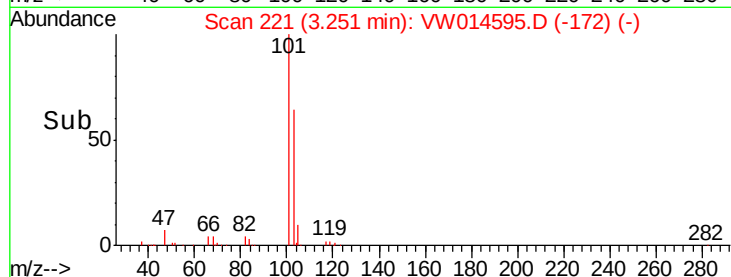
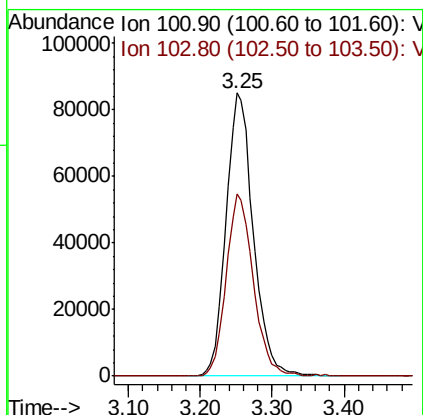
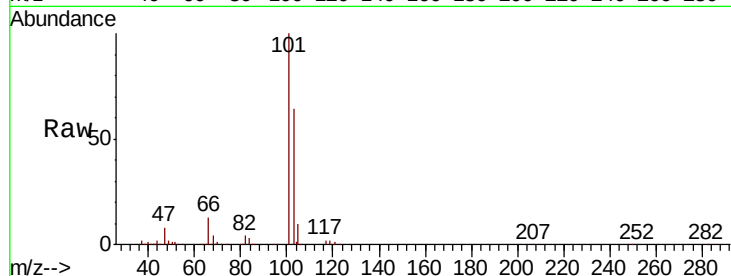


#7

Trichlorofluoromethane
Concen: 57.768 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.00 min
Lab File: VW014595.D
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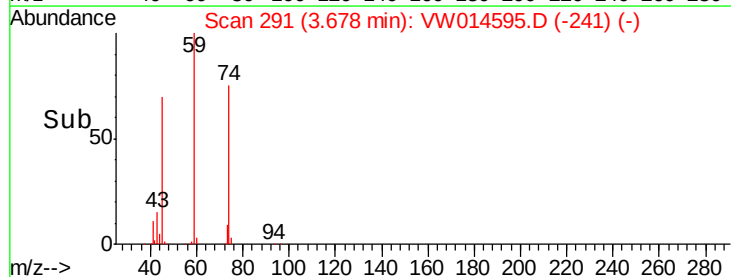
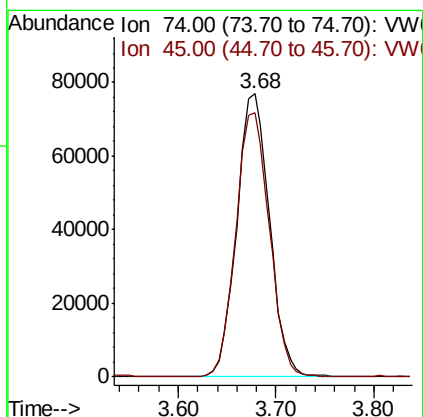
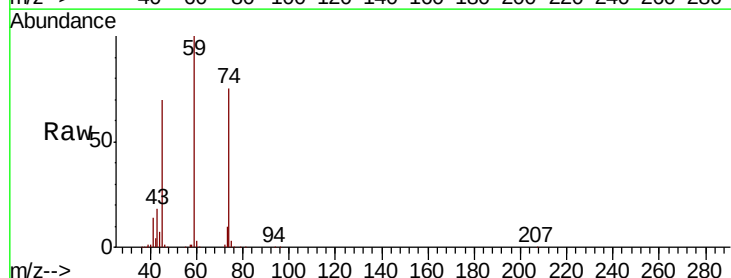
Tot Ion:101 Resp: 224616
Ion Ratio Lower Upper
101 100
103 64.2 50.1 75.1

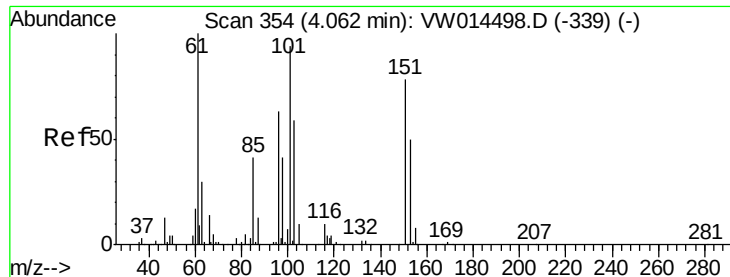


#8

Diethyl Ether
Concen: 46.278 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.01 min
Lab File: VW014595.D
Acq: 10 Jan 2020 10:16

Tgt Ion: 74 Resp: 179035
Ion Ratio Lower Upper
74 100
45 95.3 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.376 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW014595.D

Acq: 10 Jan 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

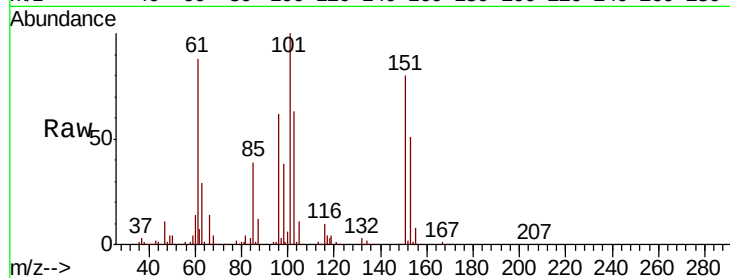
Tot Ion:101 Resp: 380515

Ion Ratio Lower Upper

101 100

85 41.6 33.7 50.5

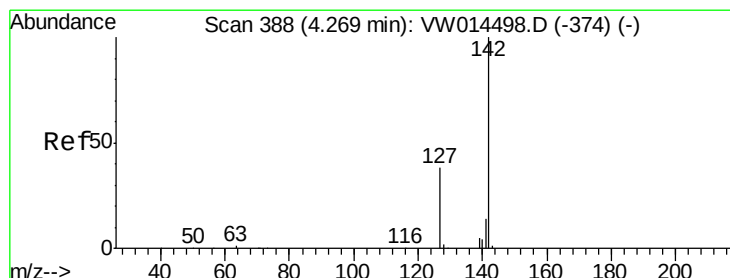
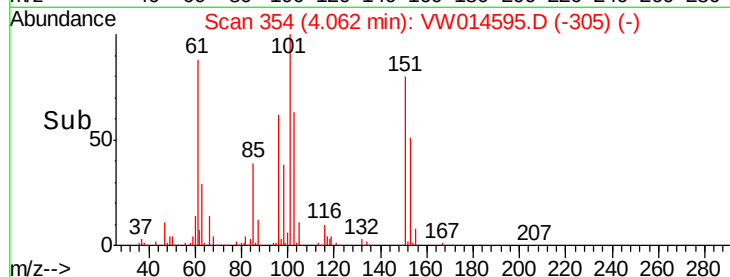
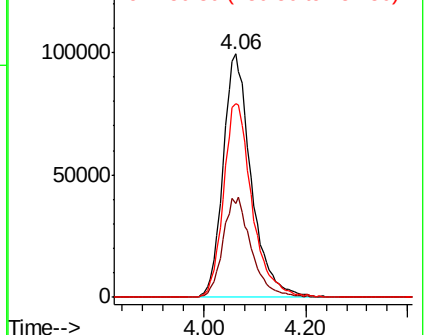
151 80.6 63.5 95.3



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: 51.687 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW014595.D

Acq: 10 Jan 2020 10:16

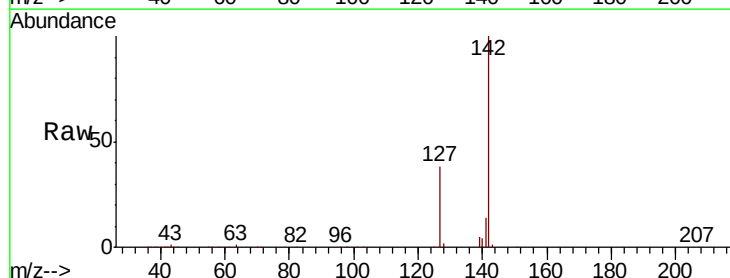
Tgt Ion:142 Resp: 566580

Ion Ratio Lower Upper

142 100

127 38.1 30.2 45.4

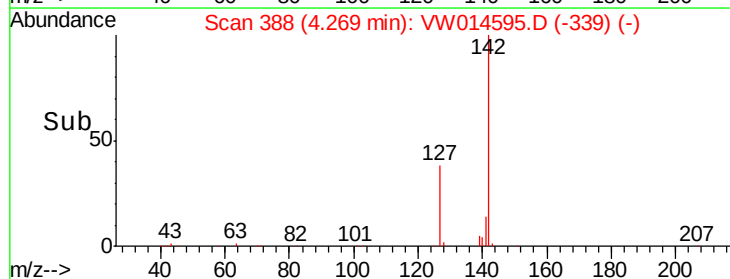
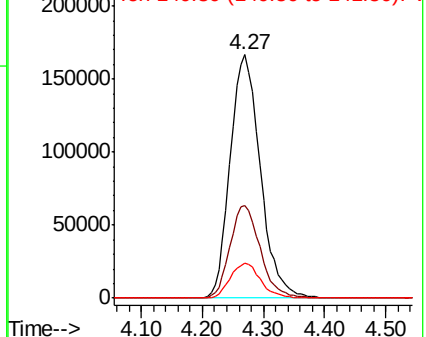
141 14.3 11.4 17.2

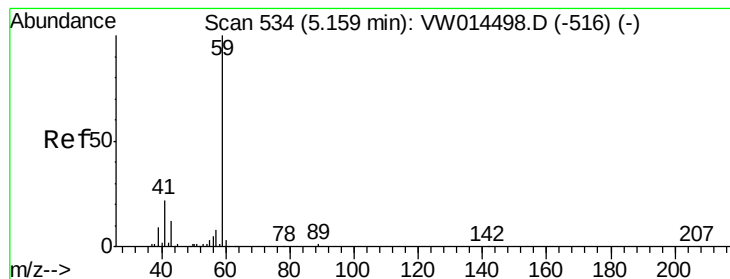


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



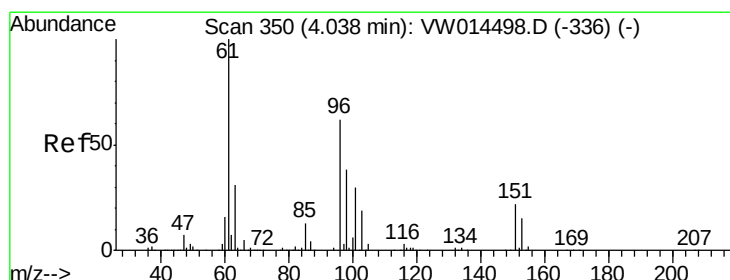
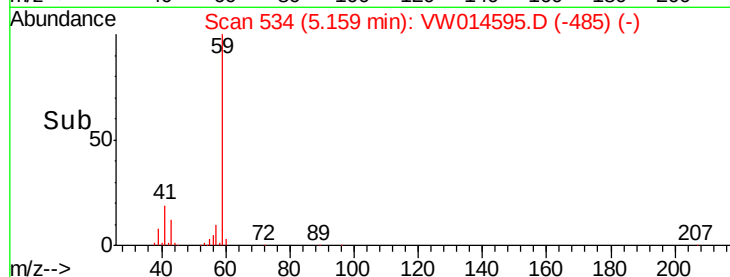
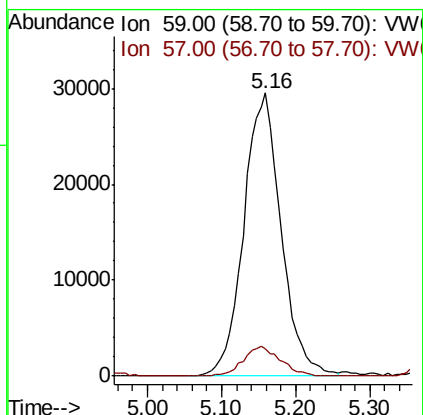
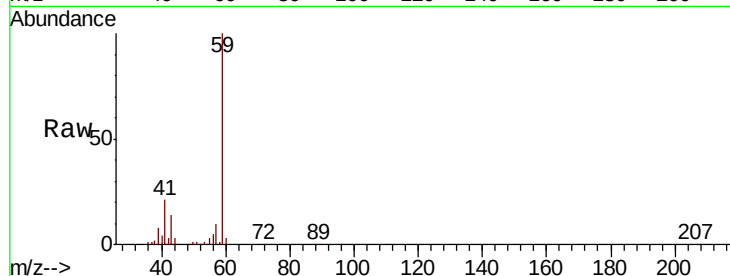


#11

Tert butyl alcohol
 Concen: 196.090 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: VW014595.D
 Acq: 10 Jan 2020 10:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

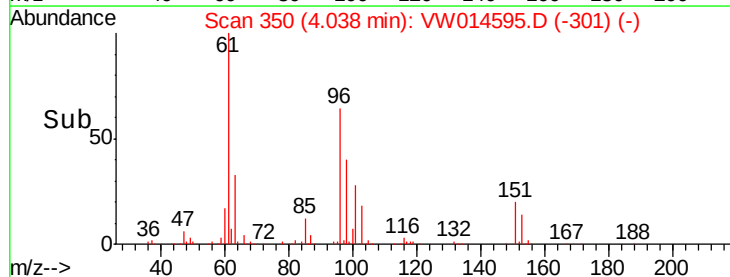
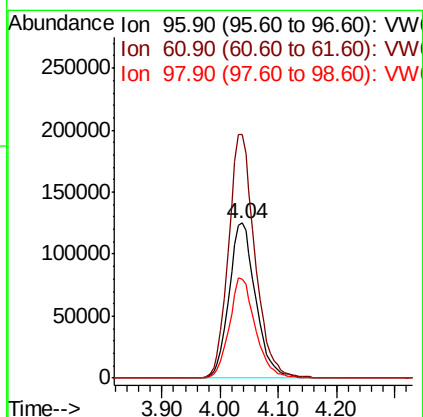
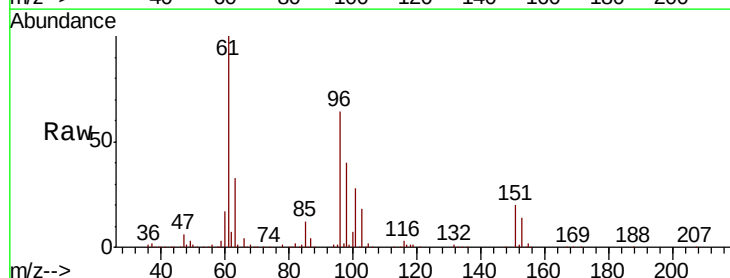
Tot Ion: 59 Resp: 103609
 Ion Ratio Lower Upper
 59 100
 57 10.4 7.8 11.8

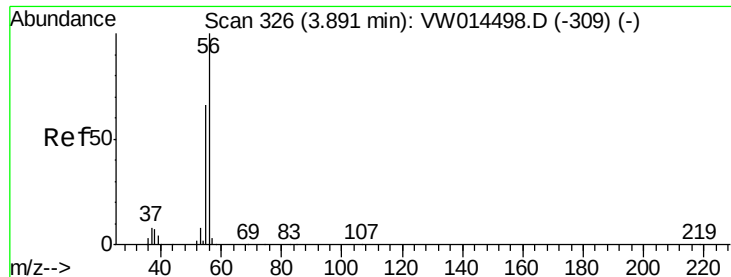


#12

1,1-Dichloroethene
 Concen: 52.342 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW014595.D
 Acq: 10 Jan 2020 10:16

Tgt Ion: 96 Resp: 398224
 Ion Ratio Lower Upper
 96 100
 61 157.4 128.4 192.6
 98 63.6 49.1 73.7





#13

Acrolein

Concen: 310.352 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW014595.D

Acq: 10 Jan 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

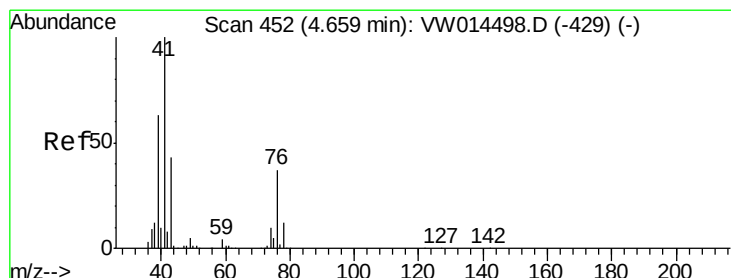
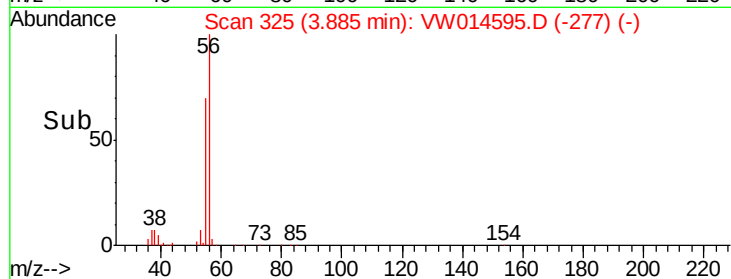
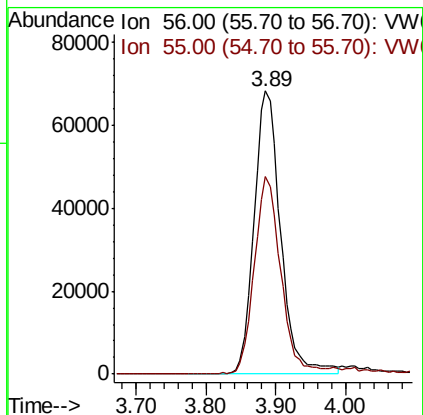
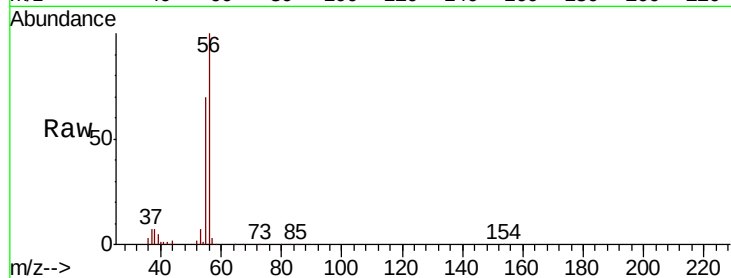
VSTDCCC050

Tot Ion: 56 Resp: 181061

Ion Ratio Lower Upper

56 100

55 69.0 56.7 85.1



#14

Allyl chloride

Concen: 51.897 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW014595.D

Acq: 10 Jan 2020 10:16

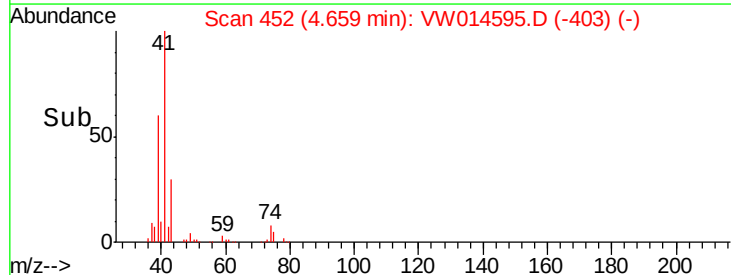
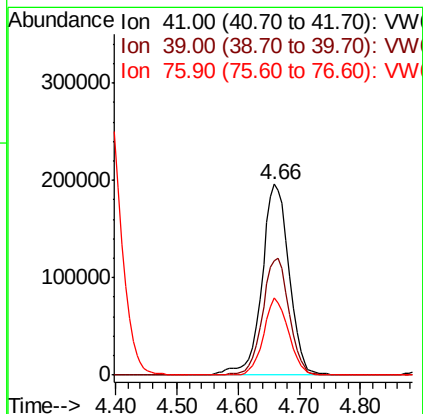
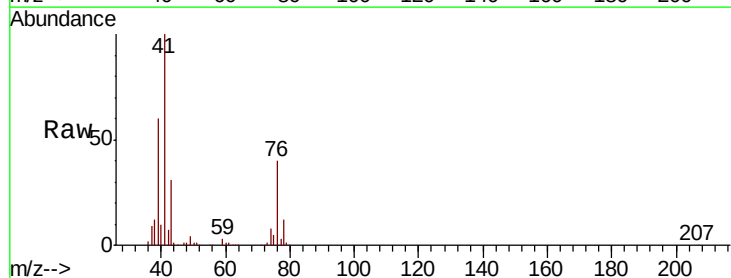
Tgt Ion: 41 Resp: 603365

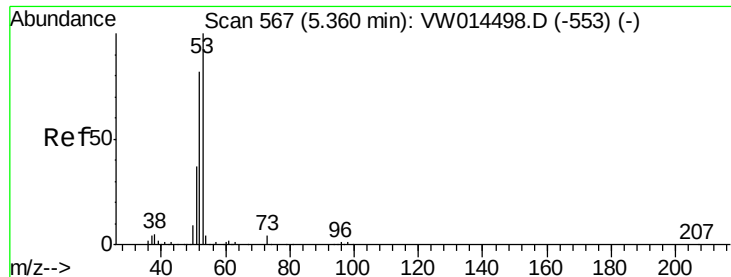
Ion Ratio Lower Upper

41 100

39 60.0 48.5 72.7

76 37.1 28.1 42.1





#15

Acrylonitrile

Concen: 215.353 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW014595.D

Acq: 10 Jan 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

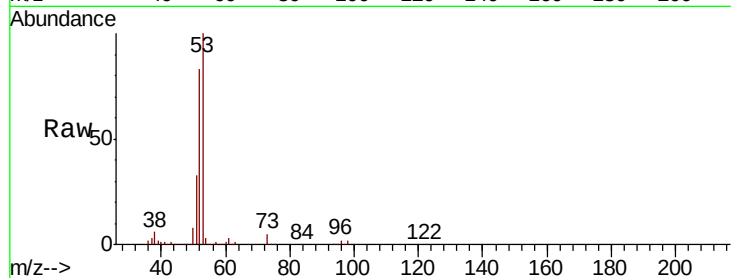
Tot Ion: 53 Resp: 380822

Ion Ratio Lower Upper

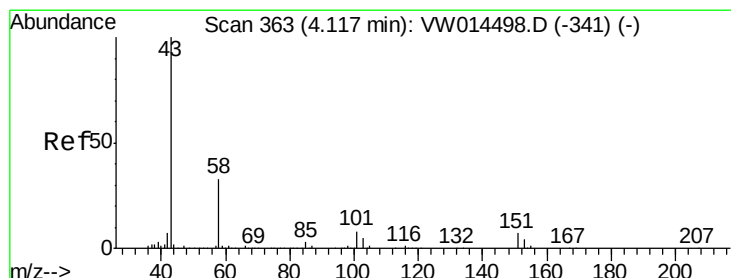
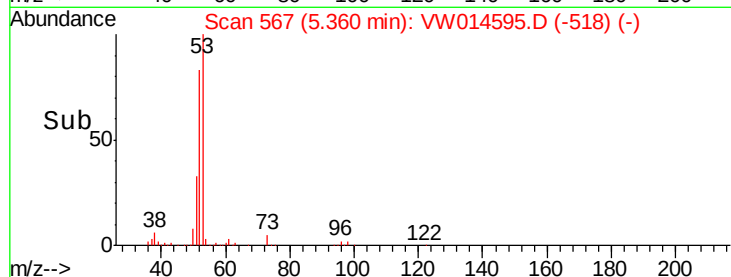
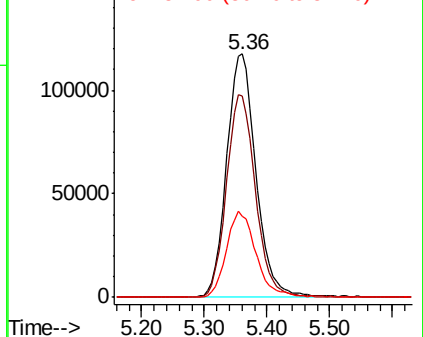
53 100

52 82.3 66.5 99.7

51 35.7 28.4 42.6



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: 238.885 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW014595.D

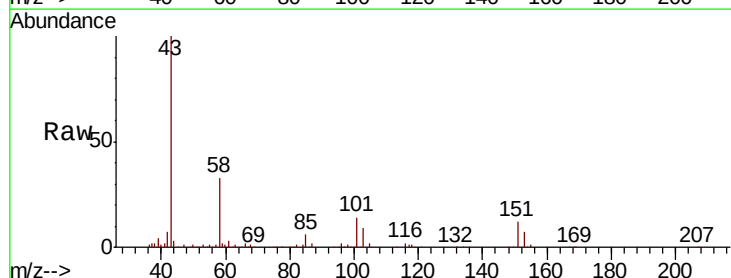
Acq: 10 Jan 2020 10:16

Tgt Ion: 43 Resp: 450873

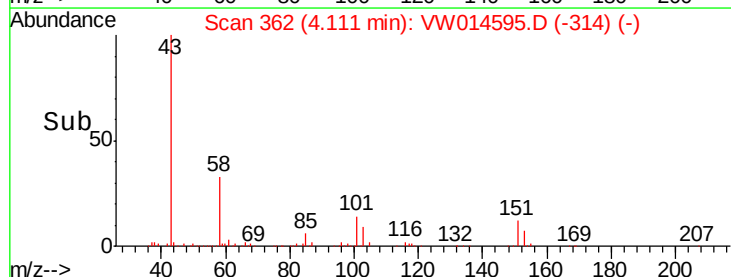
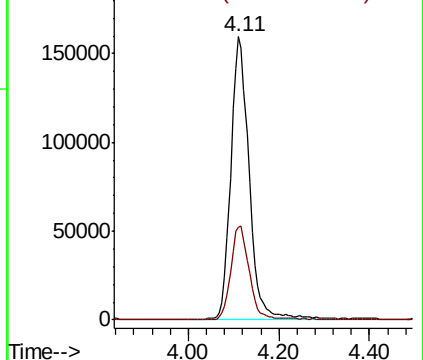
Ion Ratio Lower Upper

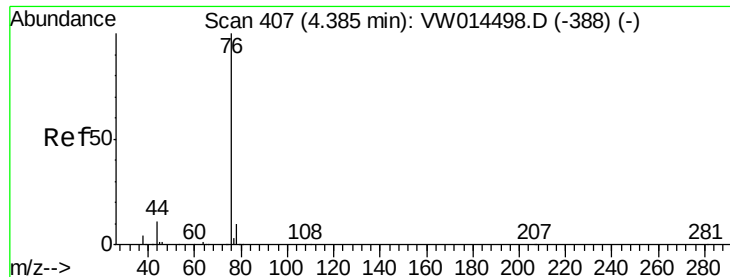
43 100

58 32.5 26.6 39.8



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

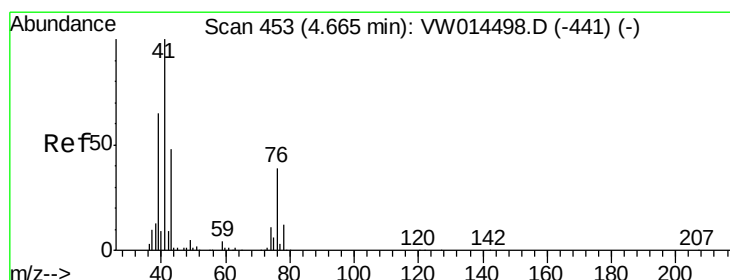
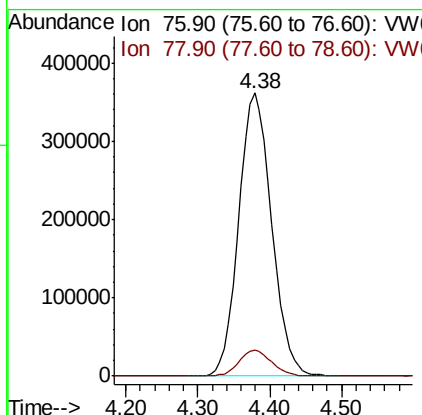
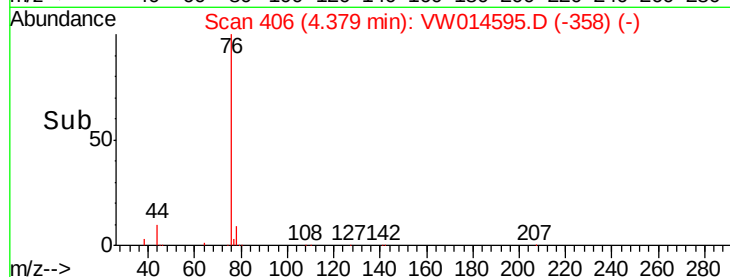
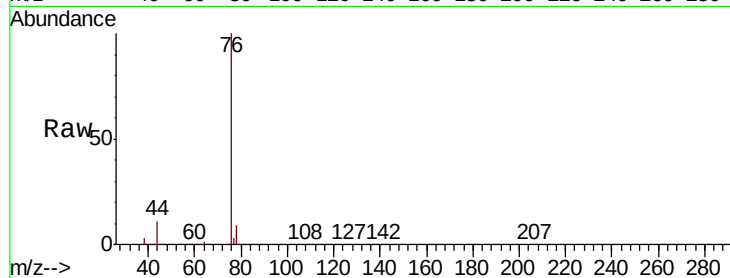




#17
Carbon Disulfide
Concen: 50.005 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW014595.D
Acq: 10 Jan 2020 10:16

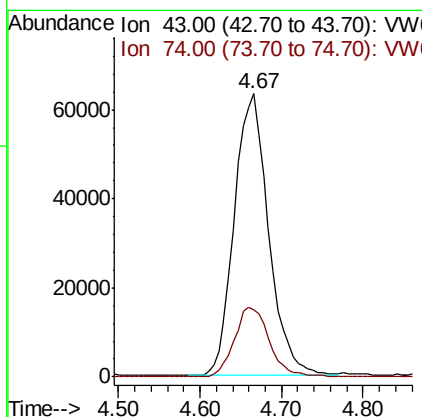
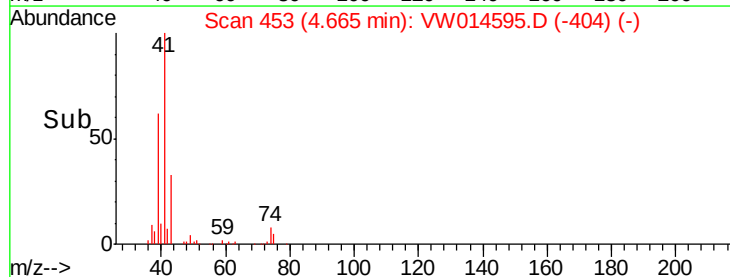
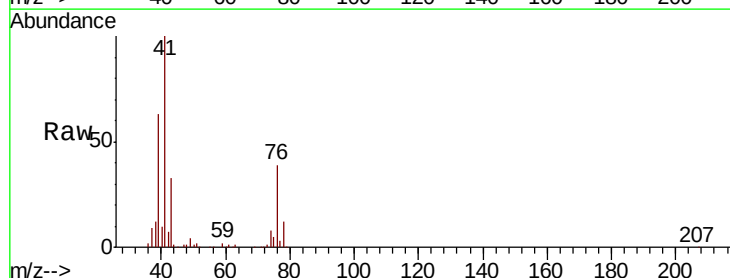
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

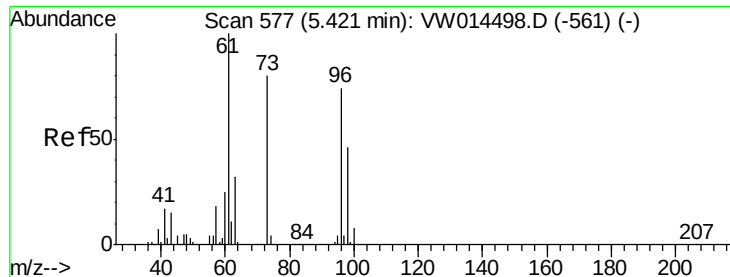
Tot Ion: 76 Resp: 1146653
Ion Ratio Lower Upper
76 100
78 9.4 7.8 11.6



#18
Methyl Acetate
Concen: 40.420 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW014595.D
Acq: 10 Jan 2020 10:16

Tgt Ion: 43 Resp: 184248
Ion Ratio Lower Upper
43 100
74 25.4 19.3 28.9

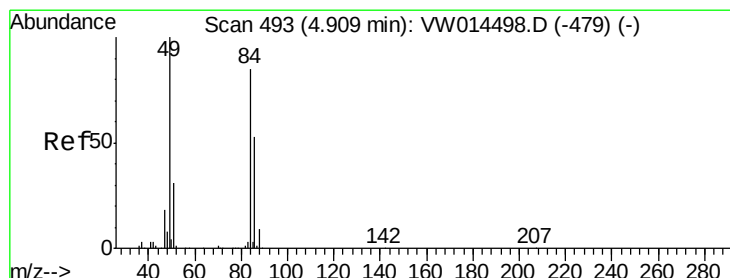
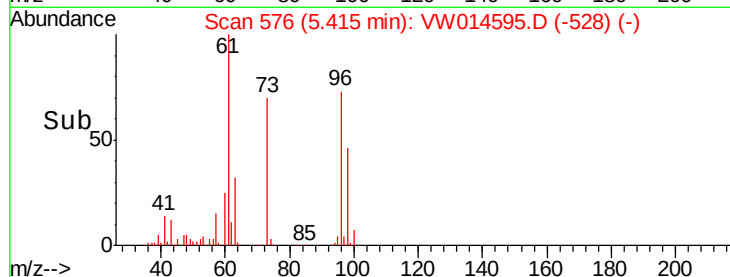
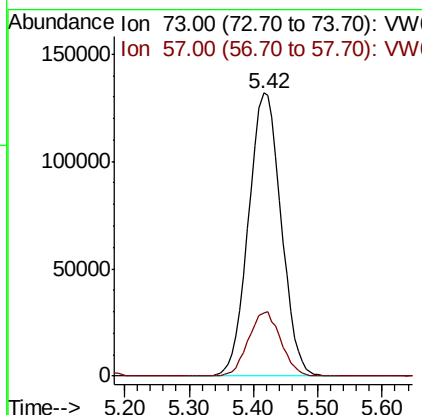
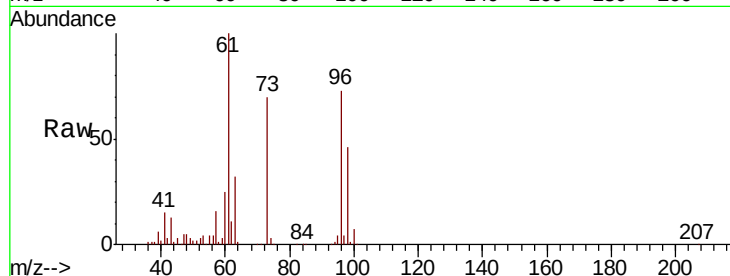




#19
Methyl tert-butyl Ether
Concen: 48.627 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW014595.D
Acq: 10 Jan 2020 10:16

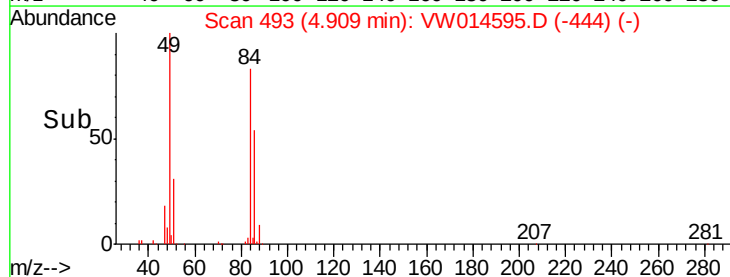
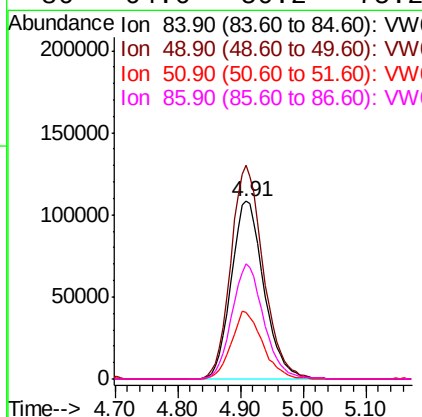
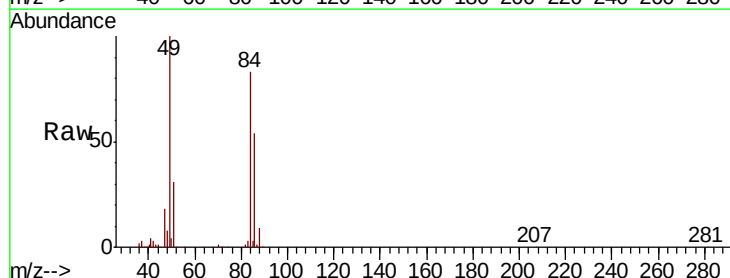
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

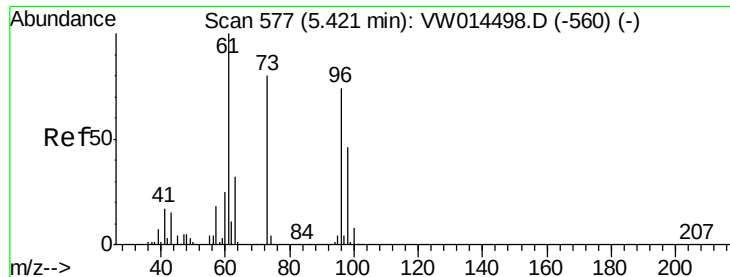
Tot Ion: 73 Resp: 459236
Ion Ratio Lower Upper
73 100
57 22.4 18.1 27.1



#20
Methylene Chloride
Concen: 51.475 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW014595.D
Acq: 10 Jan 2020 10:16

Tgt Ion: 84 Resp: 391943
Ion Ratio Lower Upper
84 100
49 120.4 94.4 141.6
51 37.5 29.5 44.3
86 64.6 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 50.570 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW014595.D

Acq: 10 Jan 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

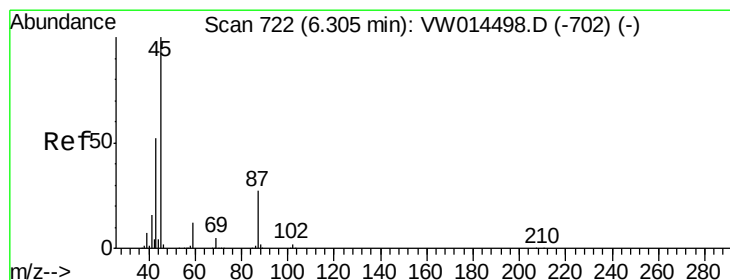
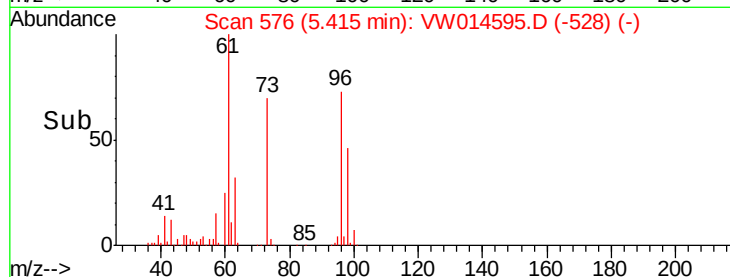
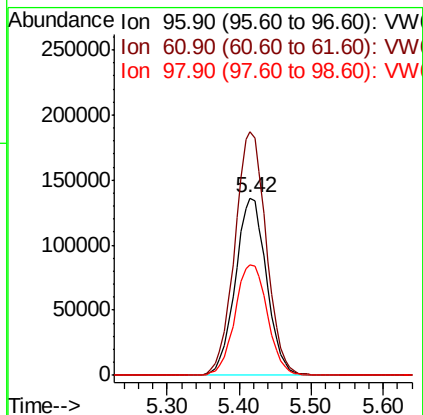
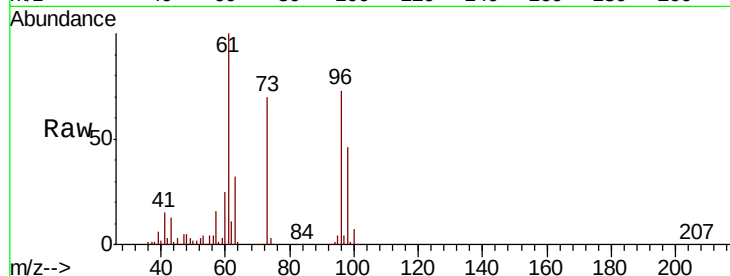
Tot Ion: 96 Resp: 408522

Ion Ratio Lower Upper

96 100

61 137.4 107.8 161.6

98 62.5 49.4 74.0



#22

Diisopropyl ether

Concen: 49.412 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW014595.D

Acq: 10 Jan 2020 10:16

Tgt Ion: 45 Resp: 1075279

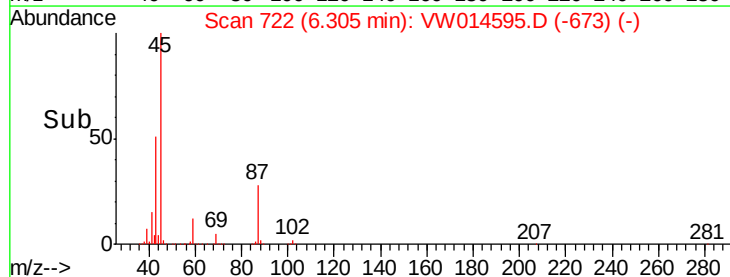
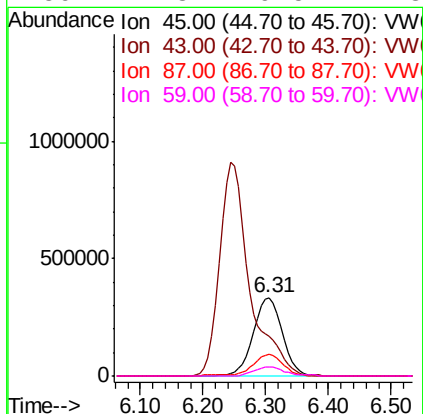
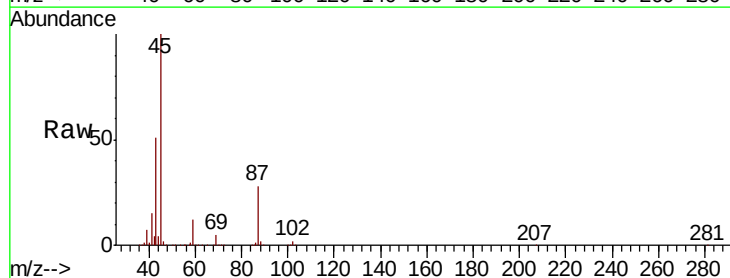
Ion Ratio Lower Upper

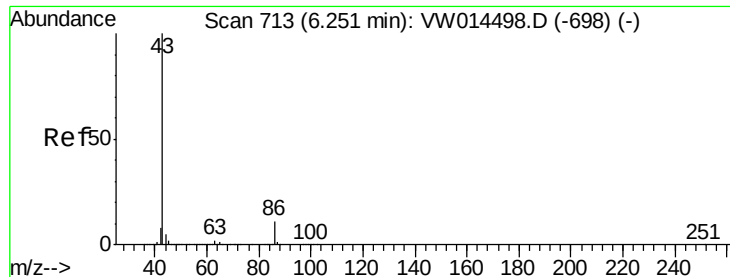
45 100

43 50.7 41.4 62.0

87 28.2 22.2 33.2

59 11.8 9.5 14.3

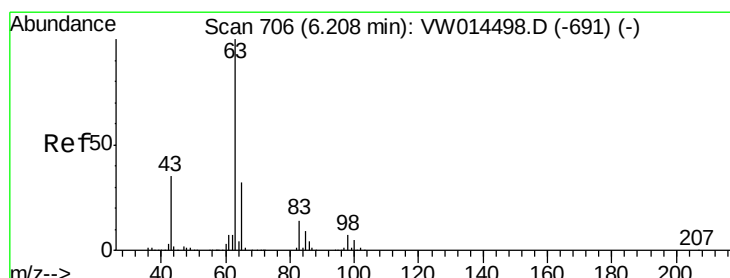
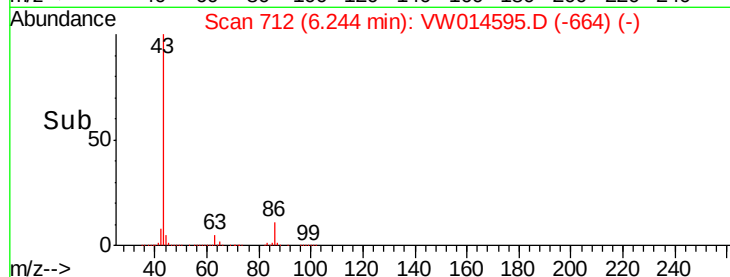
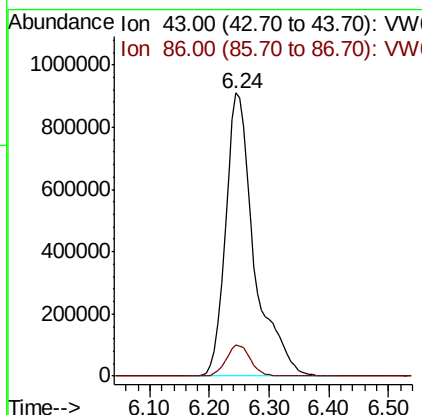
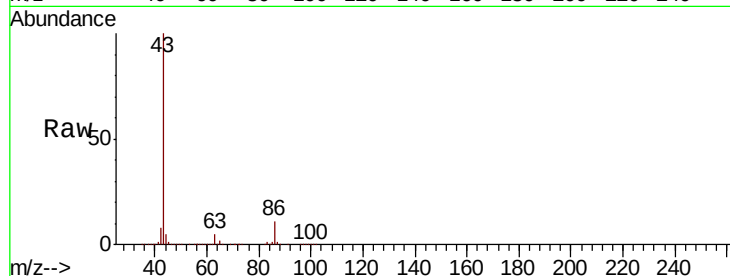




#23
 Vinyl Acetate
 Concen: 230.296 ug/l
 RT: 6.24 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VW014595.D
 Acq: 10 Jan 2020 10:16

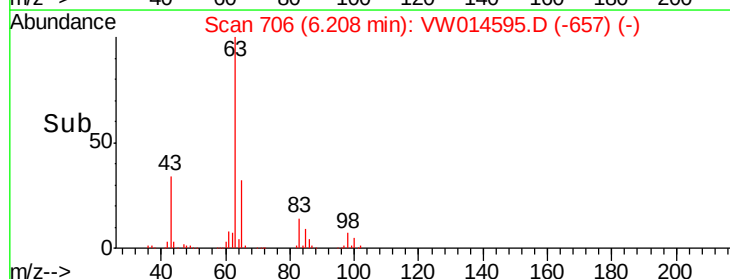
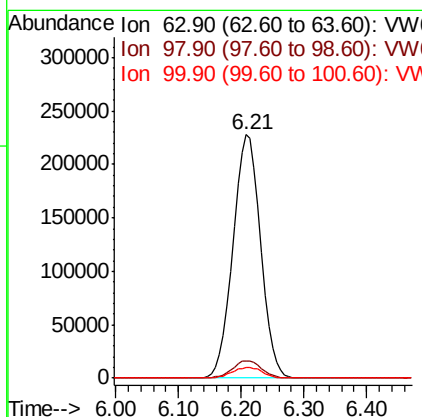
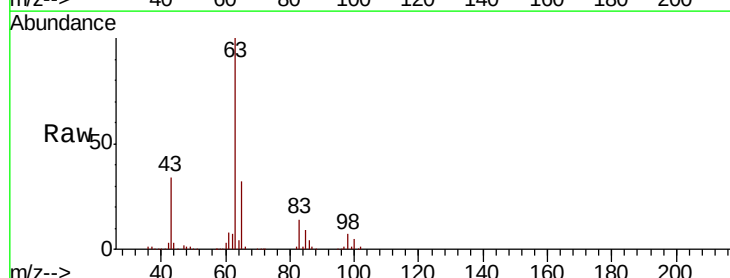
Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050

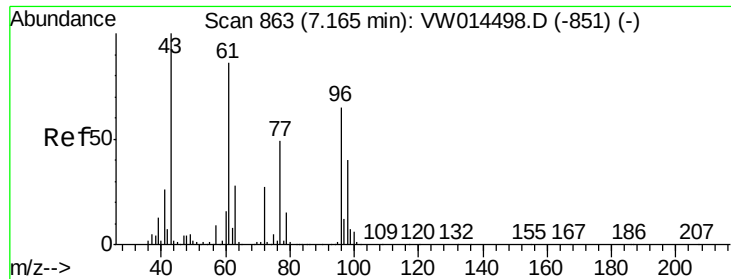
Tot Ion: 43 Resp: 3026276
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 50.469 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: VW014595.D
 Acq: 10 Jan 2020 10:16

Tgt Ion: 63 Resp: 692772
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.4
 100 4.6 2.5 7.4

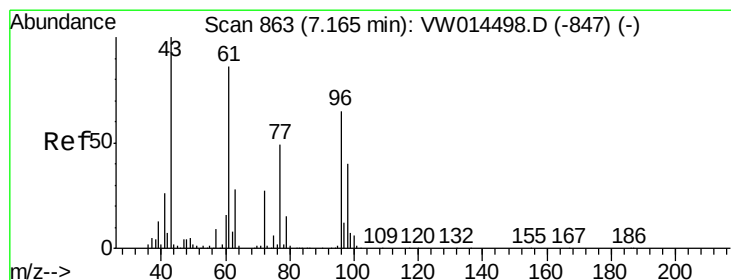
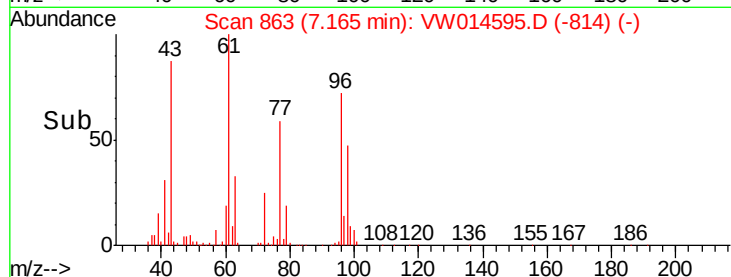
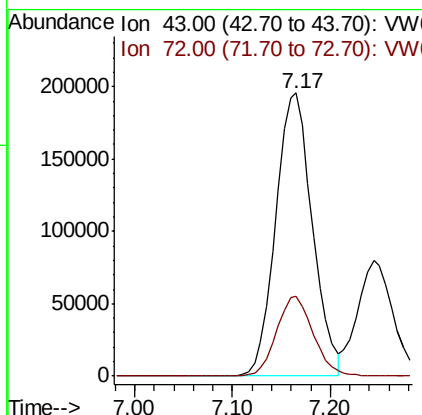
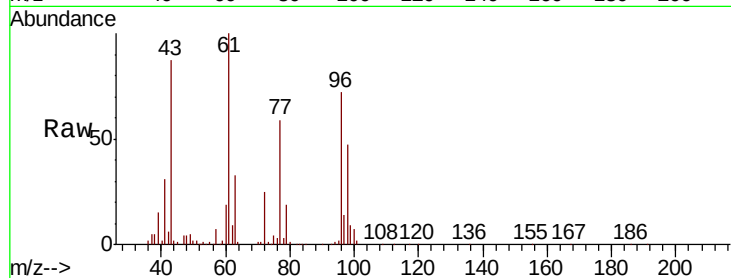




#25
 2-Butanone
 Concen: 210.864 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW014595.D
 Acq: 10 Jan 2020 10:16

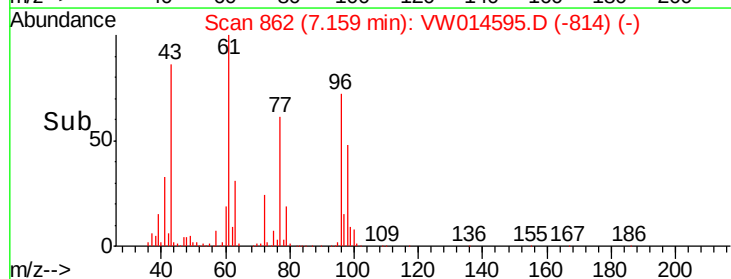
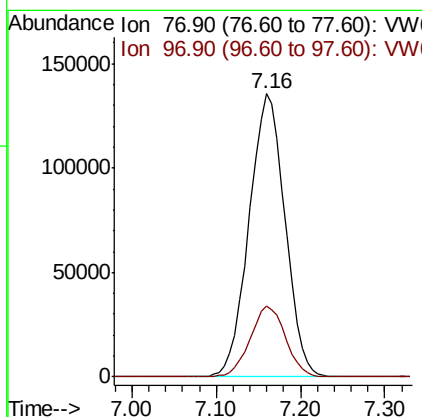
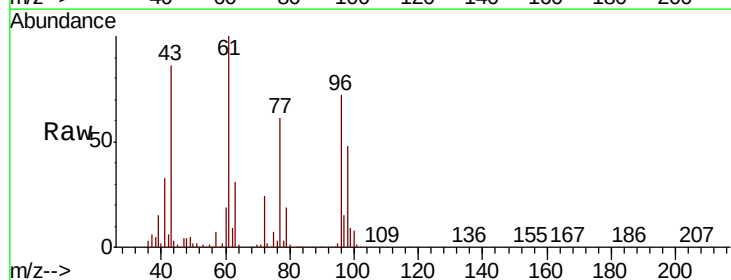
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

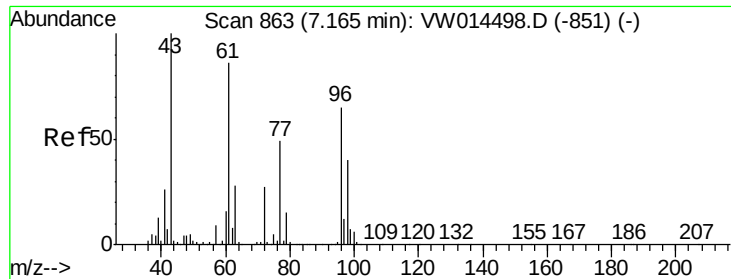
Tot Ion: 43 Resp: 510747
 Ion Ratio Lower Upper
 43 100
 72 28.2 21.9 32.9



#26
 2,2-Dichloropropane
 Concen: 51.840 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VW014595.D
 Acq: 10 Jan 2020 10:16

Tgt Ion: 77 Resp: 393971
 Ion Ratio Lower Upper
 77 100
 97 24.6 12.5 37.5

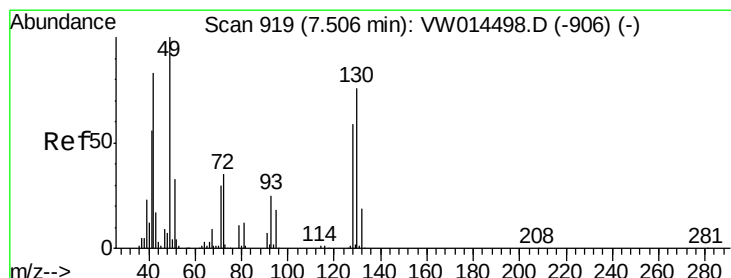
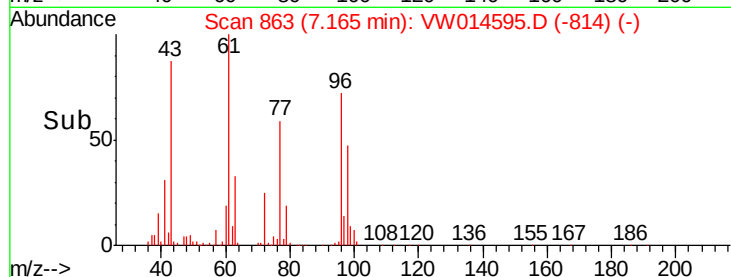
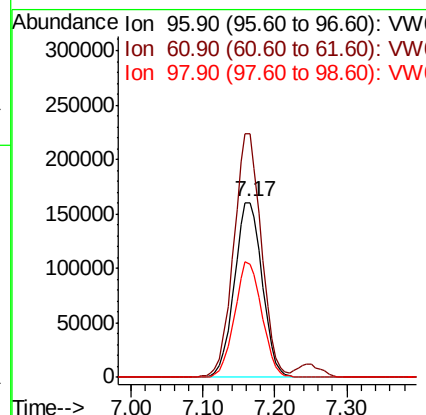
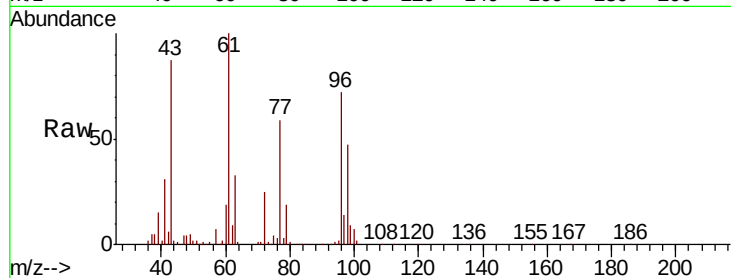




#27
 cis-1,2-Dichloroethene
 Concen: 50.804 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW014595.D
 Acq: 10 Jan 2020 10:16

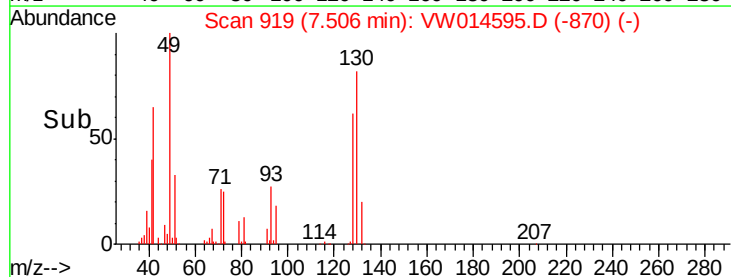
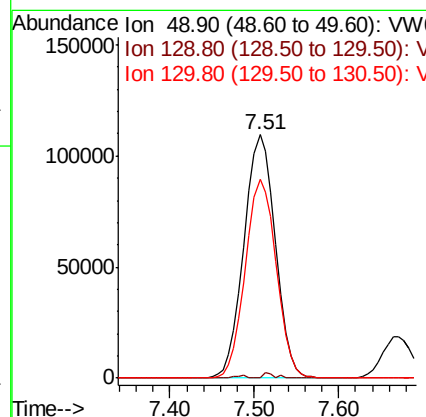
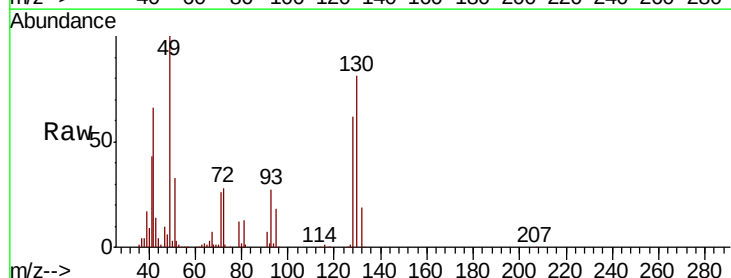
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

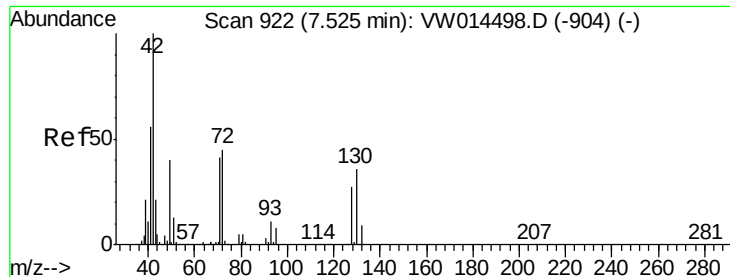
Tot Ion	Ratio	Lower	Upper
96	100		
61	138.0	0.0	274.8
98	64.7	0.0	128.6



#28
 Bromochloromethane
 Concen: 51.163 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VW014595.D
 Acq: 10 Jan 2020 10:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	2.0
130	80.9	62.5	93.7





#29

Tetrahydrofuran

Concen: 201.636 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.00 min

Lab File: VW014595.D

Acq: 10 Jan 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

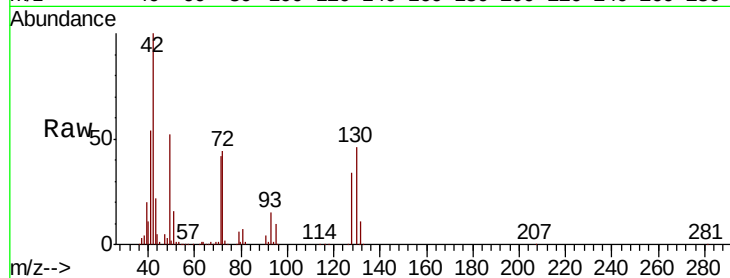
Tot Ion: 42 Resp: 302564

Ion Ratio Lower Upper

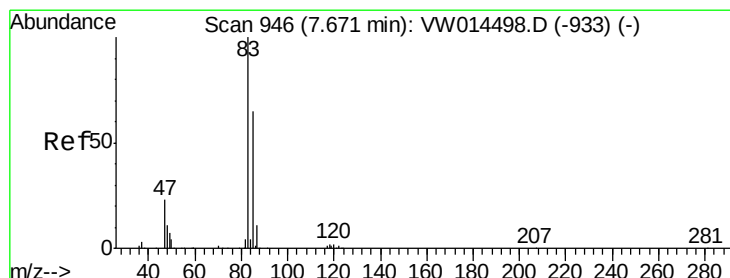
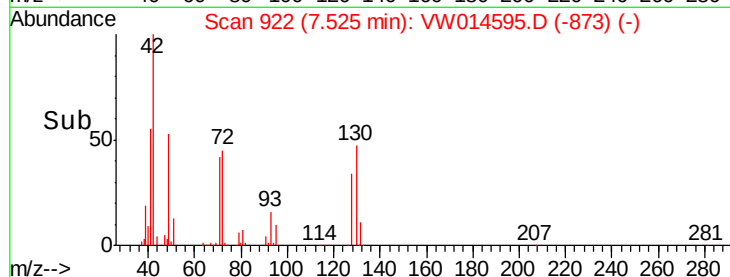
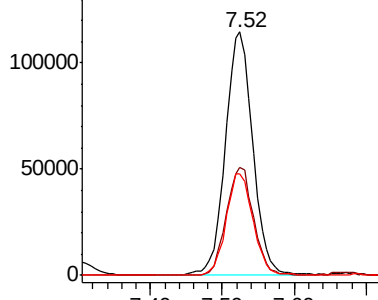
42 100

72 44.1 34.5 51.7

71 41.2 32.0 48.0



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



#30

Chloroform

Concen: 50.528 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.00 min

Lab File: VW014595.D

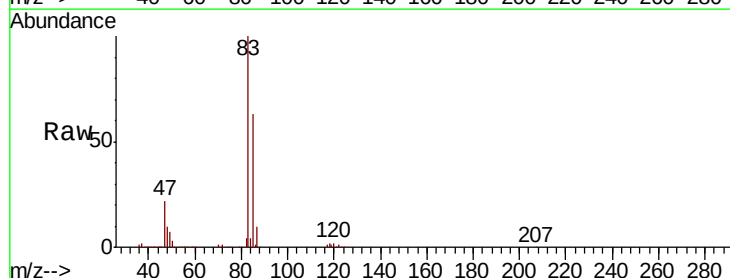
Acq: 10 Jan 2020 10:16

Tgt Ion: 83 Resp: 648605

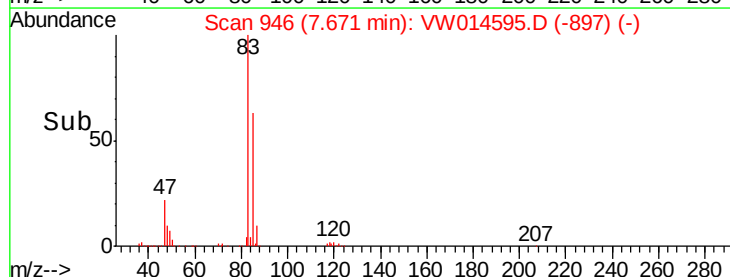
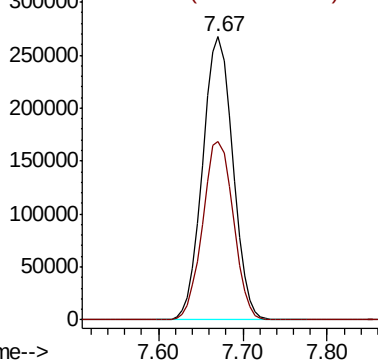
Ion Ratio Lower Upper

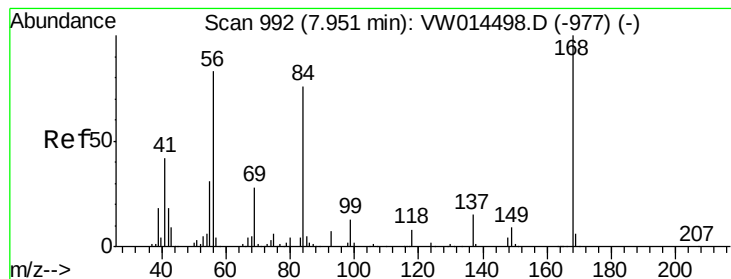
83 100

85 63.2 52.2 78.2



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





#31

Cyclohexane

Concen: 48.399 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW014595.D

Acq: 10 Jan 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

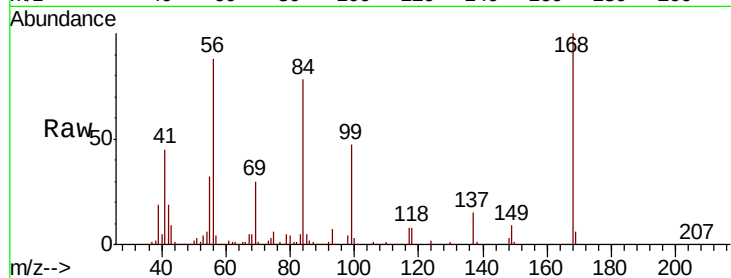
Tot Ion: 56 Resp: 690437

Ion Ratio Lower Upper

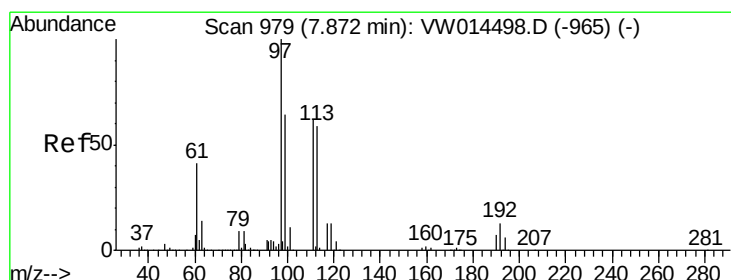
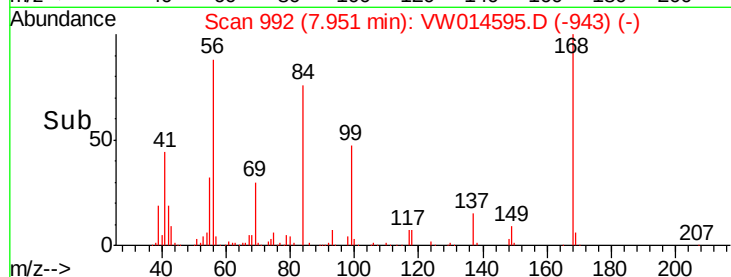
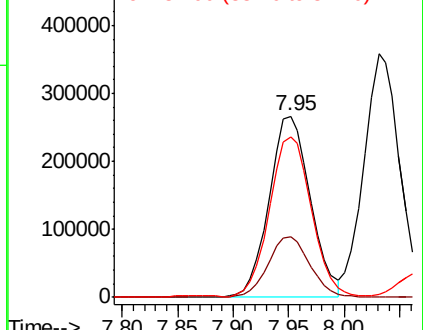
56 100

69 33.5 26.8 40.2

84 87.6 71.8 107.6



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



#32

1,1,1-Trichloroethane

Concen: 51.878 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW014595.D

Acq: 10 Jan 2020 10:16

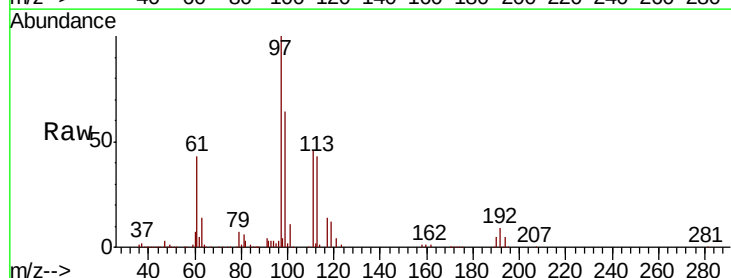
Tgt Ion: 97 Resp: 535575

Ion Ratio Lower Upper

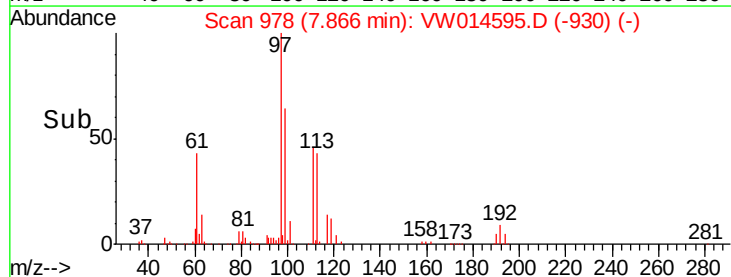
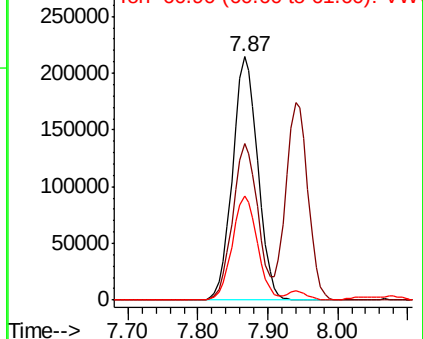
97 100

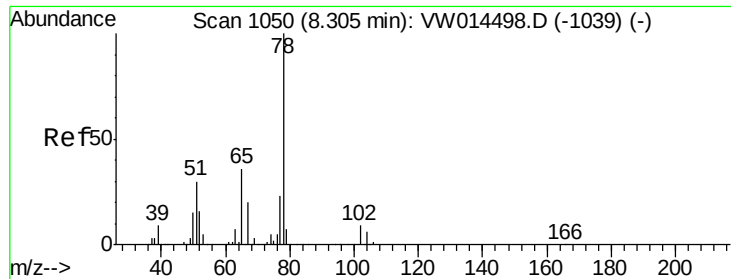
99 63.6 51.8 77.6

61 42.7 33.8 50.8



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

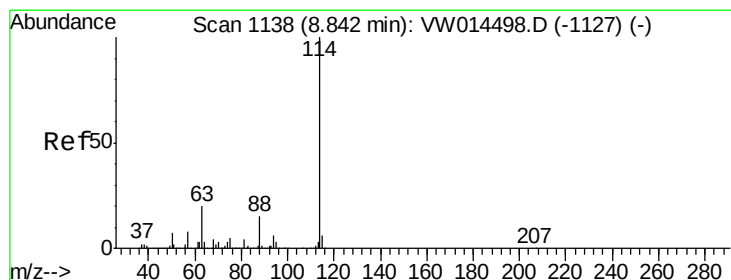
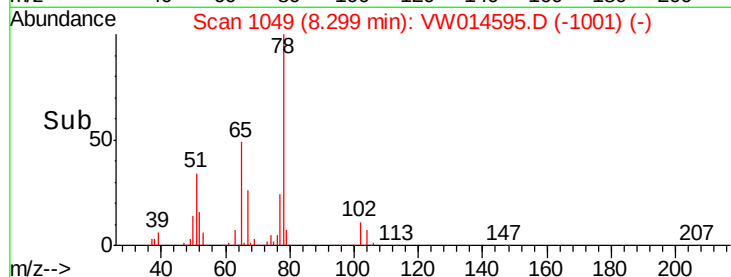
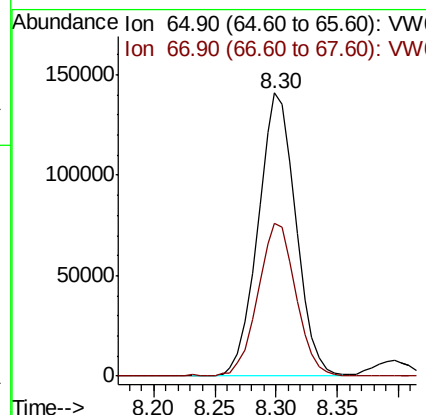
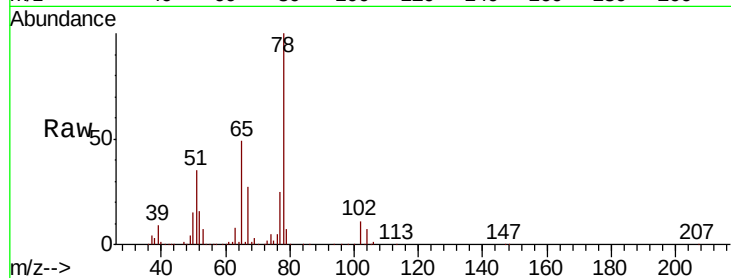




#33
 1,2-Dichloroethane-d4
 Concen: 45.210 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW014595.D
 Acq: 10 Jan 2020 10:16

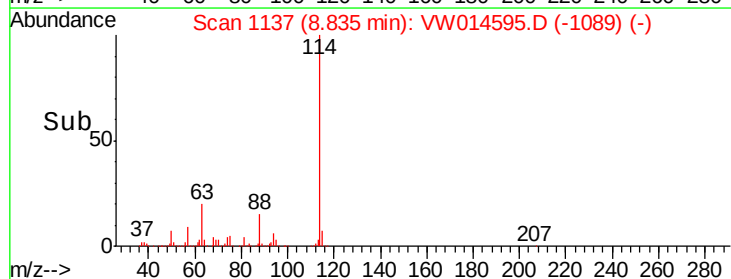
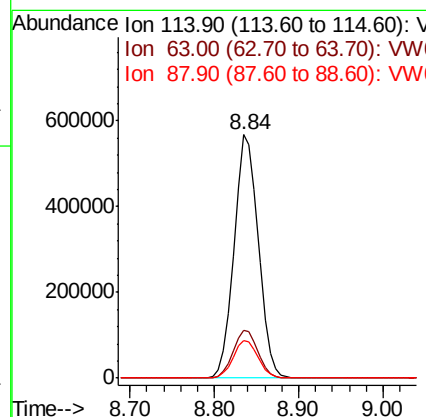
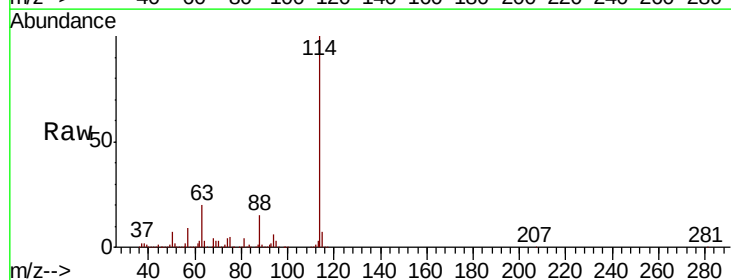
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

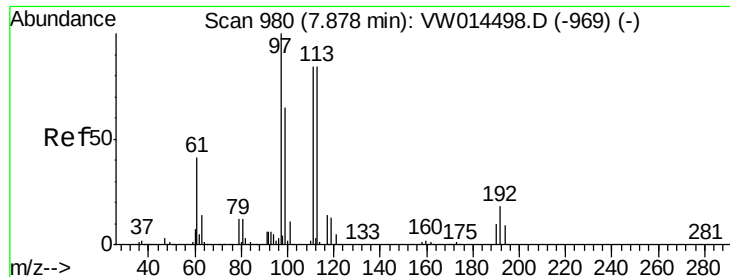
Tot Ion: 65 Resp: 302193
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW014595.D
 Acq: 10 Jan 2020 10:16

Tgt Ion: 114 Resp: 1105918
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.4
 88 15.3 0.0 30.6

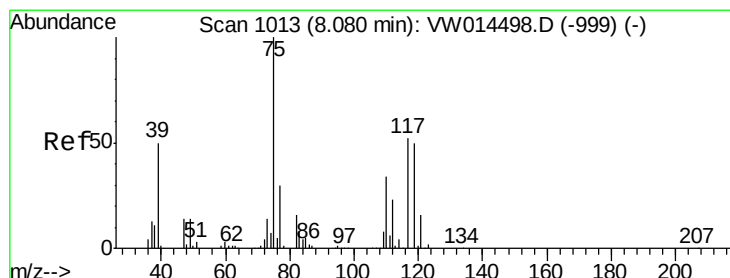
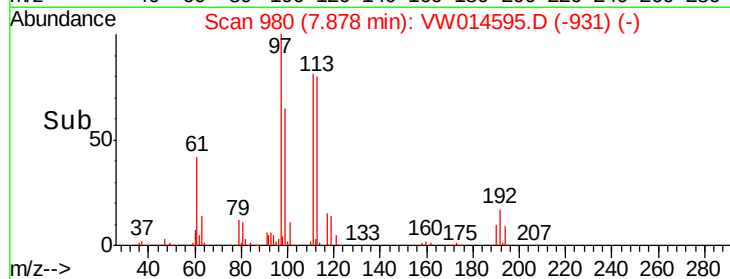
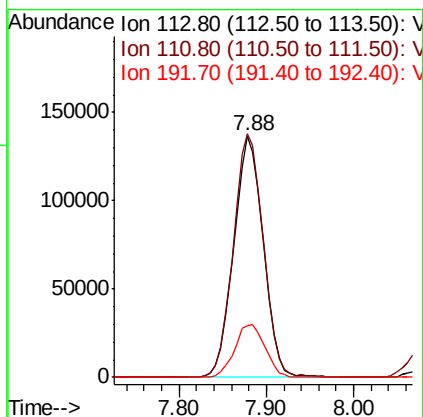
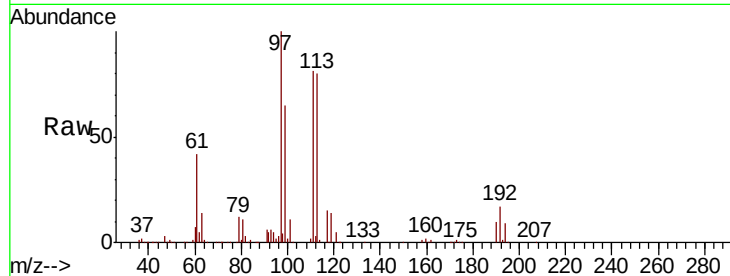




#35
 Dibromofluoromethane
 Concen: 50.539 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW014595.D
 Acq: 10 Jan 2020 10:16

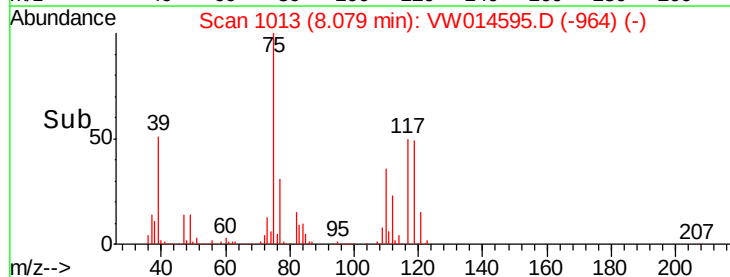
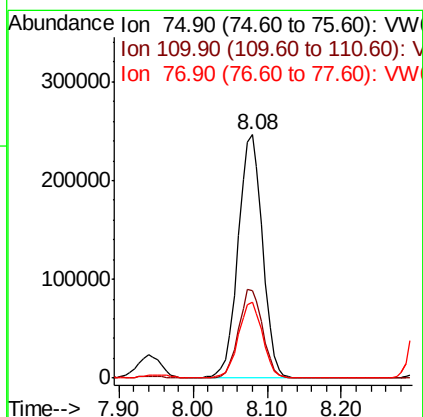
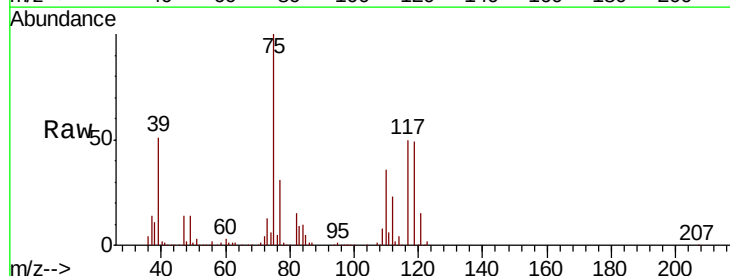
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

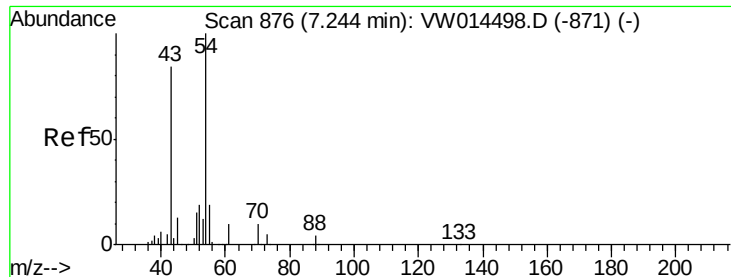
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.4	122.2
192	22.7	17.8	26.8



#36
 1,1-Dichloropropene
 Concen: 53.188 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW014595.D
 Acq: 10 Jan 2020 10:16

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.8	17.8	53.5
77	31.0	24.7	37.1

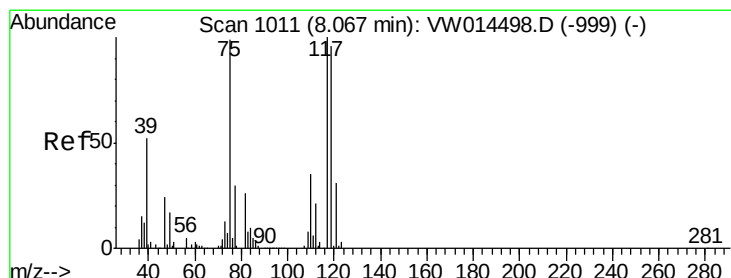
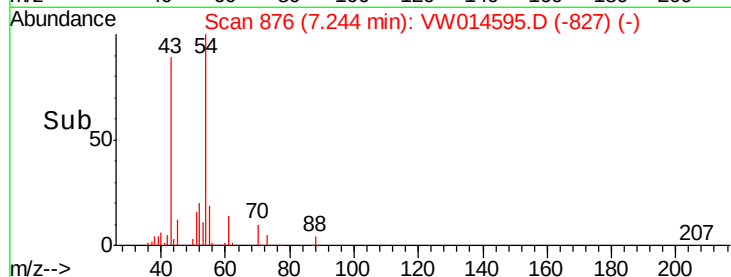
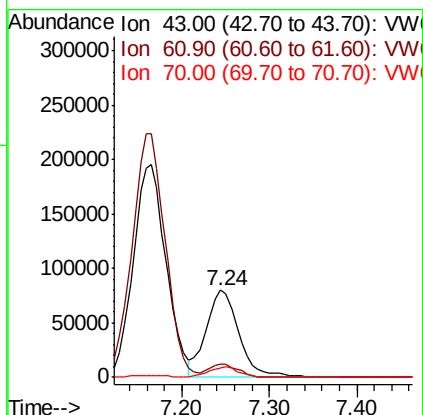
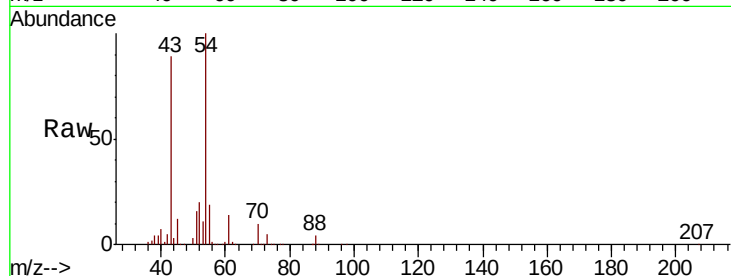




#37
Ethyl Acetate
Concen: 42.763 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: VW014595.D
Acq: 10 Jan 2020 10:16

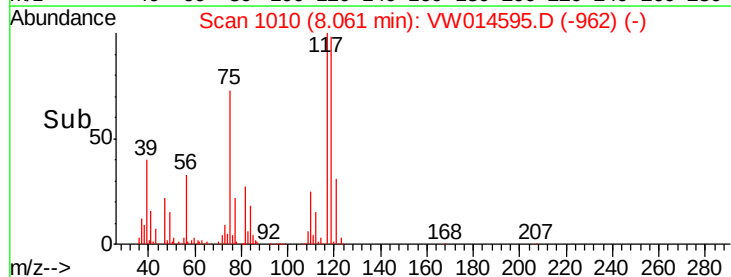
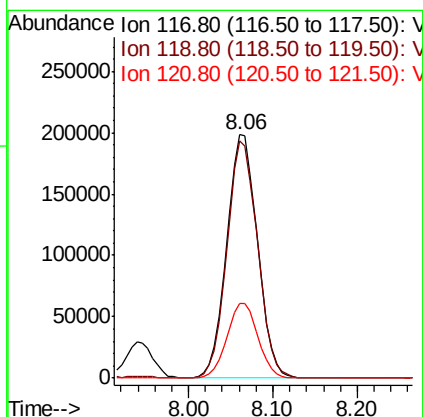
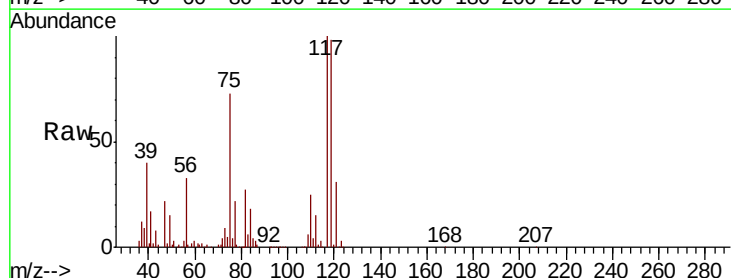
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

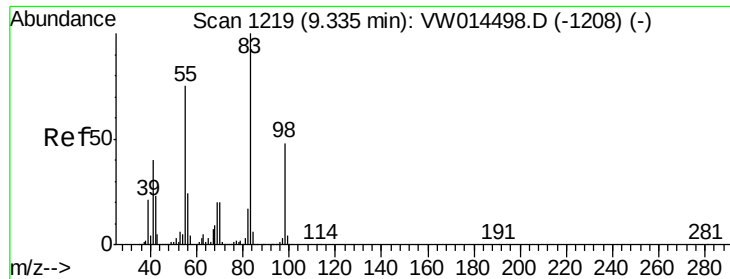
Tot Ion: 43 Resp: 206776
Ion Ratio Lower Upper
43 100
61 13.8 11.7 17.5
70 11.4 9.0 13.6



#38
Carbon Tetrachloride
Concen: 53.178 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW014595.D
Acq: 10 Jan 2020 10:16

Tgt Ion: 117 Resp: 491873
Ion Ratio Lower Upper
117 100
119 97.5 77.0 115.6
121 30.7 24.6 36.8

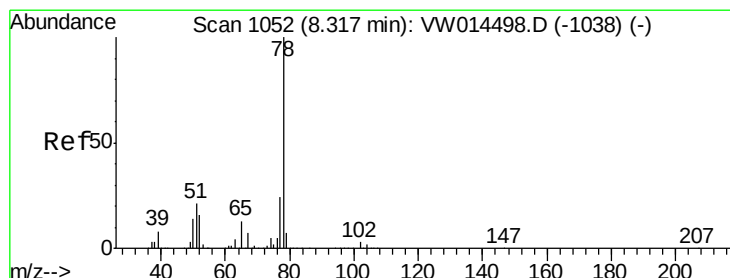
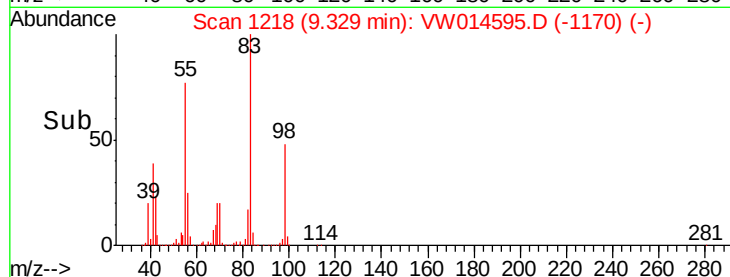
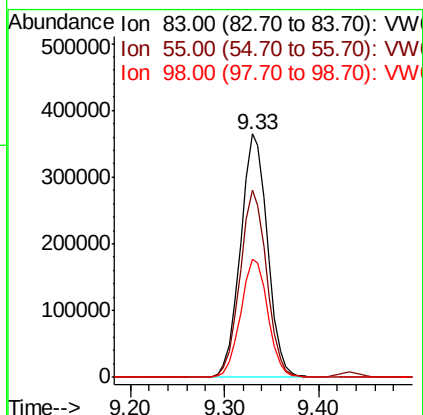
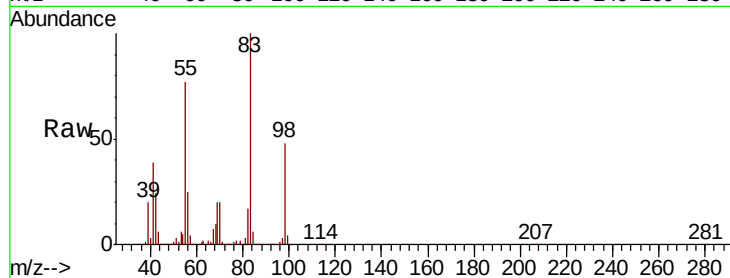




#39
Methylvlcyclohexane
Concen: 53.326 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW014595.D
Acq: 10 Jan 2020 10:16

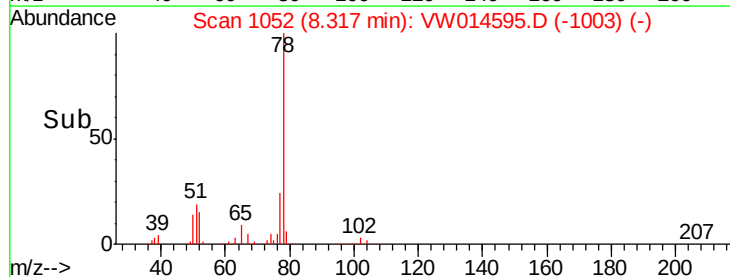
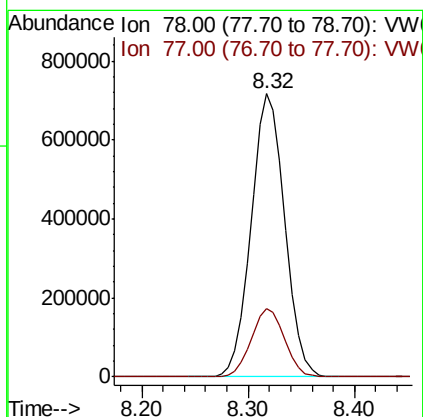
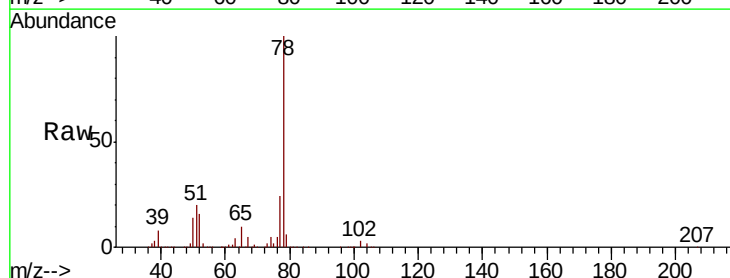
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

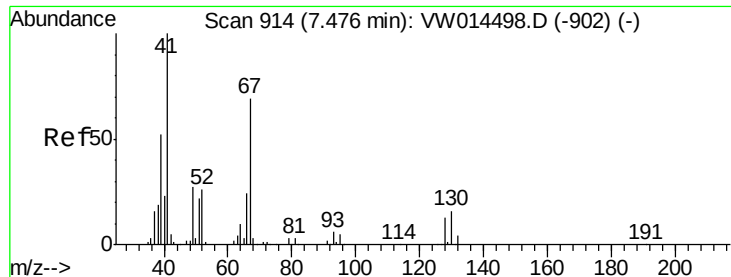
Tot Ion: 83 Resp: 729604
Ion Ratio Lower Upper
83 100
55 77.0 60.1 90.1
98 48.3 38.8 58.2



#40
Benzene
Concen: 52.581 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW014595.D
Acq: 10 Jan 2020 10:16

Tgt Ion: 78 Resp: 1586117
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9

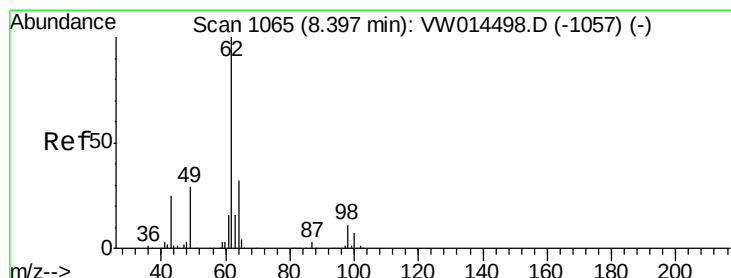
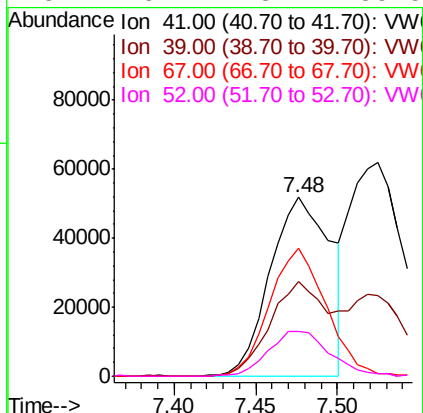
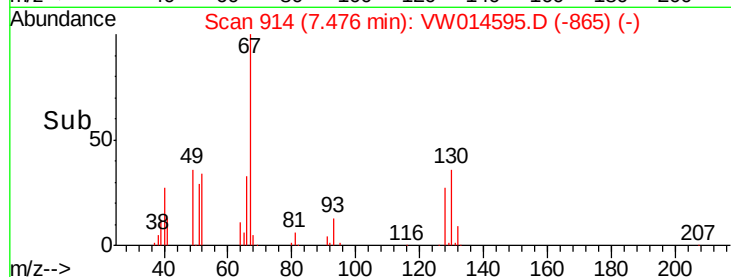
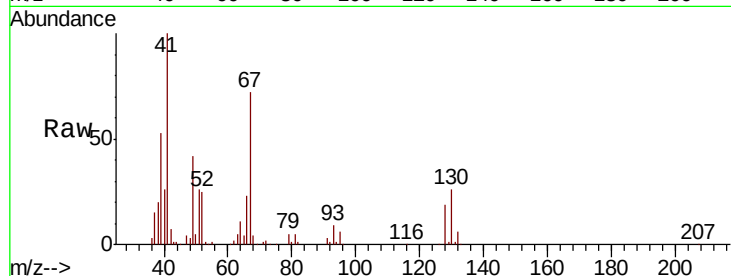




#41
Methacrylonitrile
Concen: 49.556 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.00 min
Lab File: VW014595.D
Acq: 10 Jan 2020 10:16

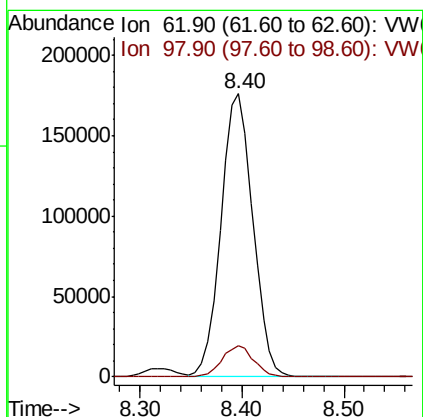
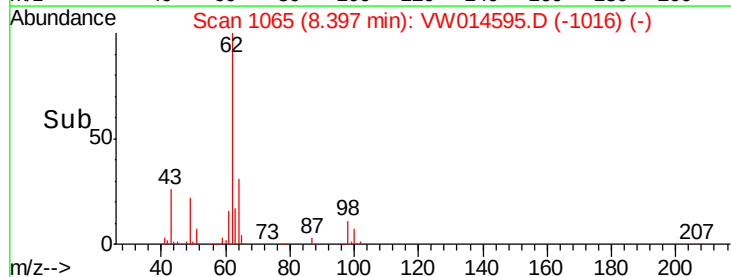
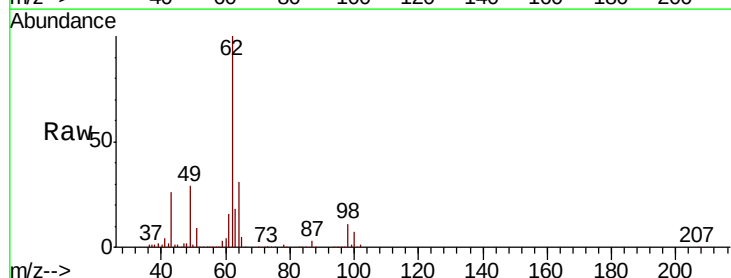
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

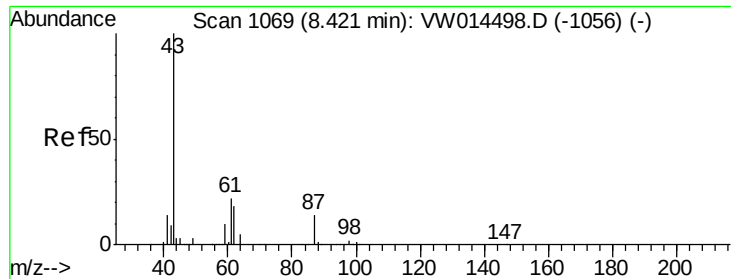
Tot Ion:	41	Resp:	133572
Ion	Ratio	Lower	Upper
41	100		
39	56.1	46.0	69.0
67	67.0	60.8	91.2
52	25.4	23.7	35.5



#42
1,2-Dichloroethane
Concen: 48.617 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW014595.D
Acq: 10 Jan 2020 10:16

Tgt Ion:	62	Resp:	380582
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	22.0





#43

Isopropyl Acetate

Concen: 44.021 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW014595.D

Acq: 10 Jan 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

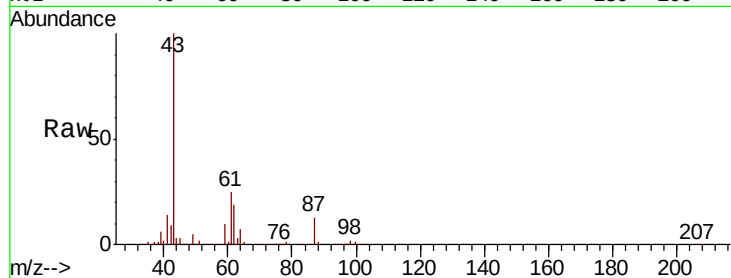
Tot Ion: 43 Resp: 386523

Ion Ratio Lower Upper

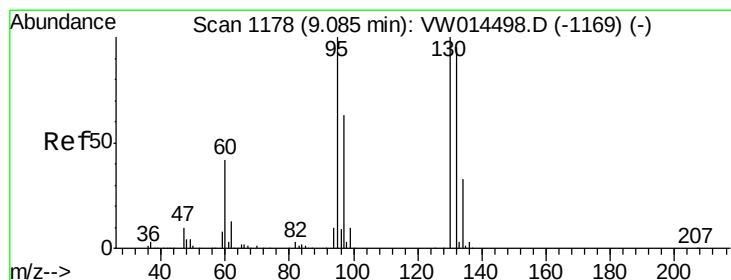
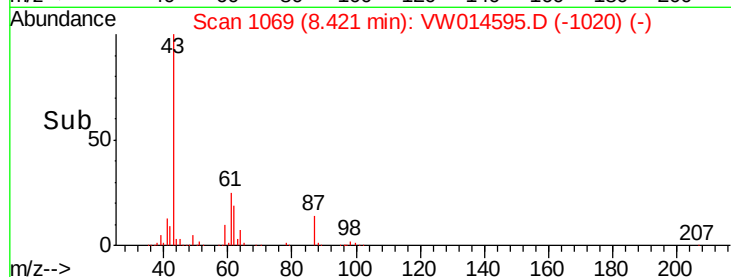
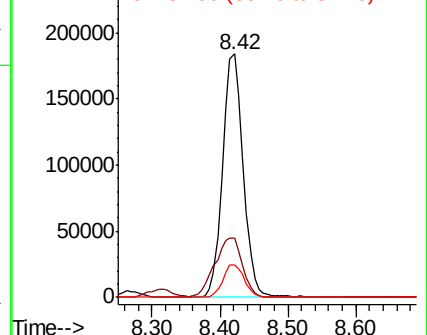
43 100

61 32.7 24.7 37.1

87 13.9 11.1 16.7



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: 53.096 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VW014595.D

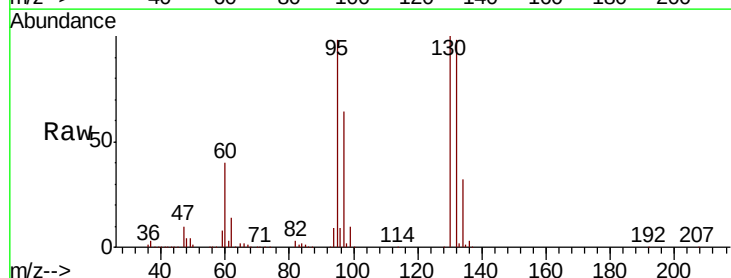
Acq: 10 Jan 2020 10:16

Tgt Ion:130 Resp: 433395

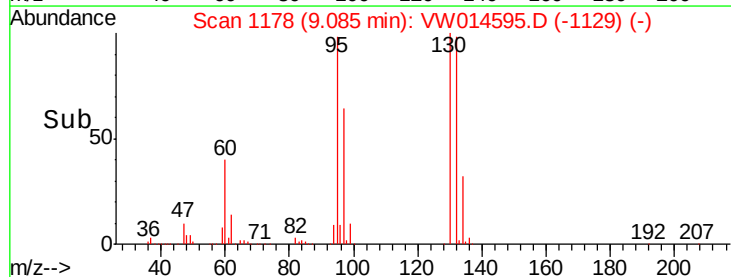
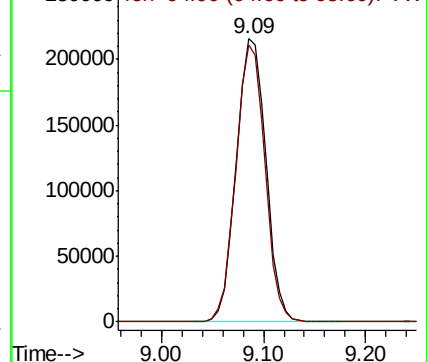
Ion Ratio Lower Upper

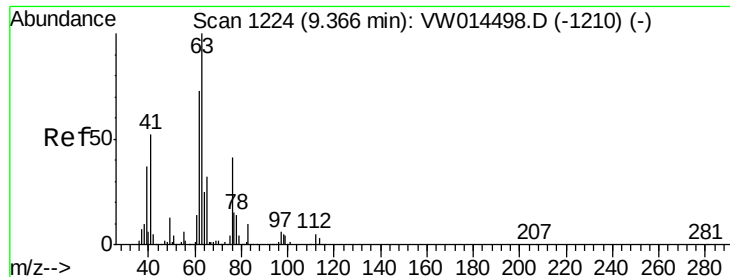
130 100

95 98.0 0.0 199.4



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

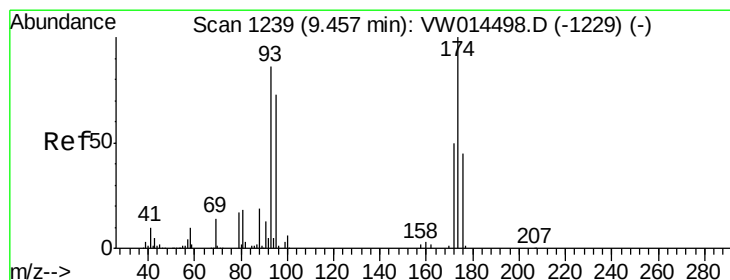
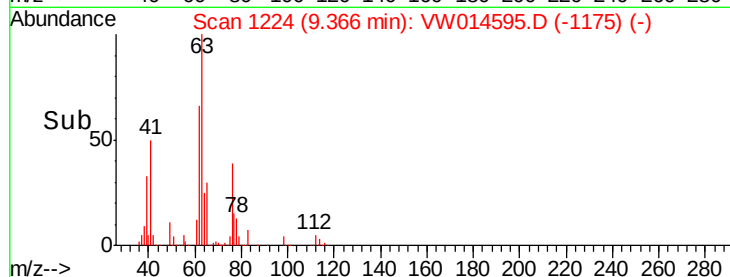
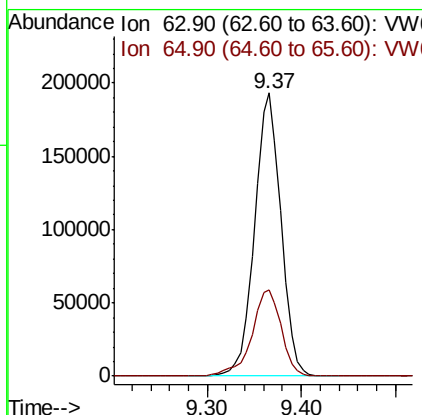
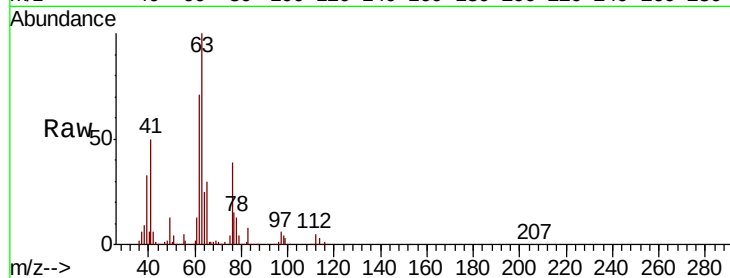




#45
 1,2-Dichloropropane
 Concen: 51.341 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW014595.D
 Acq: 10 Jan 2020 10:16

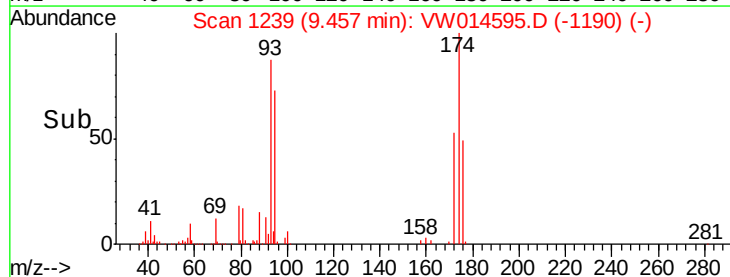
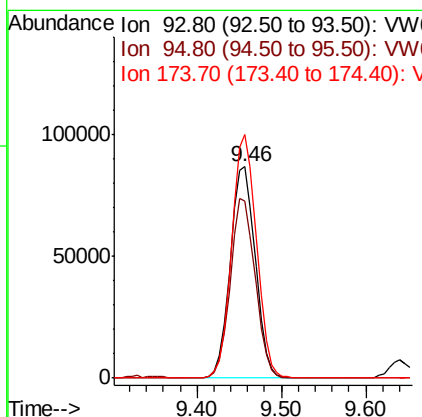
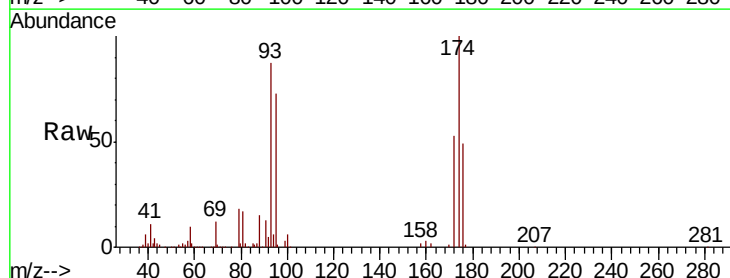
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

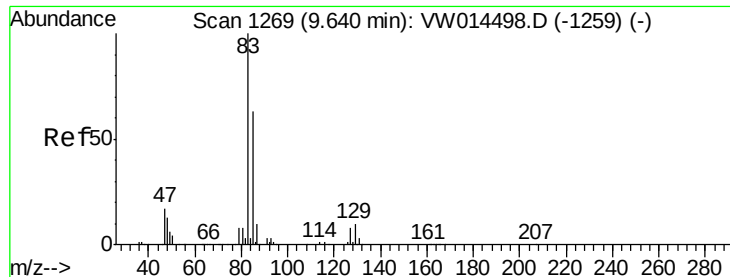
Tot Ion: 63 Resp: 380041
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.6 38.4



#46
 Dibromomethane
 Concen: 47.783 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW014595.D
 Acq: 10 Jan 2020 10:16

Tgt Ion: 93 Resp: 174612
 Ion Ratio Lower Upper
 93 100
 95 84.3 66.4 99.6
 174 113.6 89.1 133.7

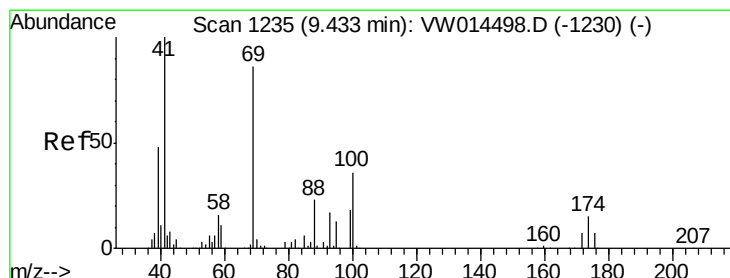
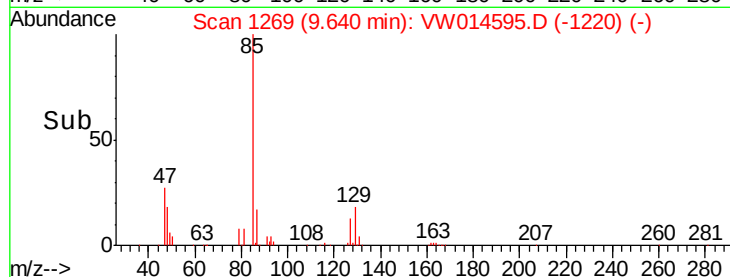
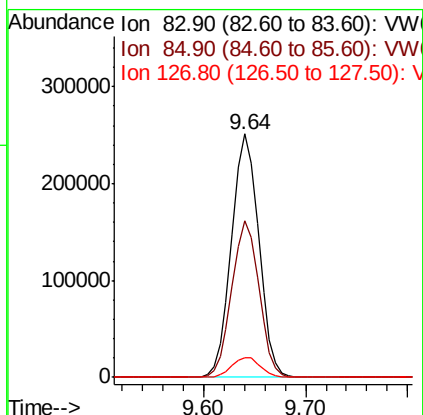
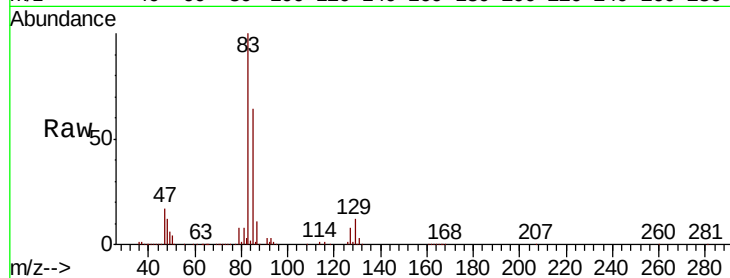




#47
Bromodichloromethane
Concen: 51.601 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW014595.D
Acq: 10 Jan 2020 10:16

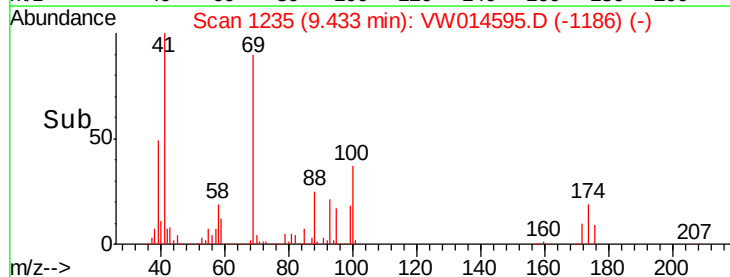
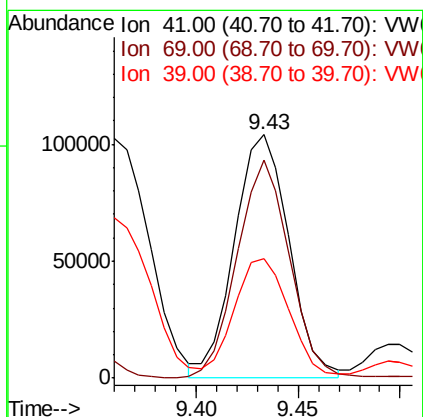
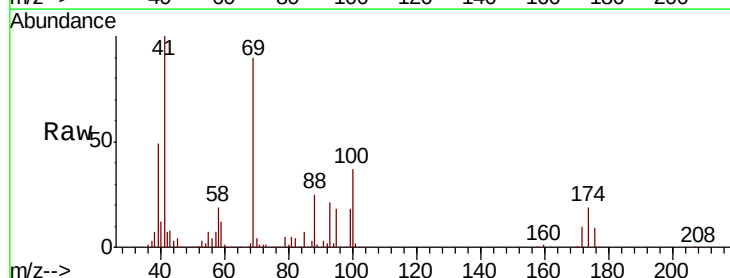
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

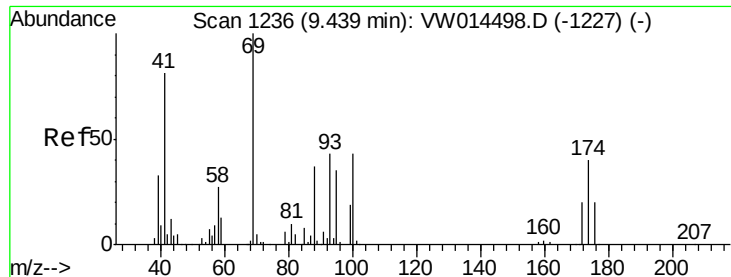
Tot Ion: 83 Resp: 465536
Ion Ratio Lower Upper
83 100
85 64.4 50.6 76.0
127 8.2 6.6 9.8



#48
Methyl methacrylate
Concen: 44.854 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW014595.D
Acq: 10 Jan 2020 10:16

Tgt Ion: 41 Resp: 192288
Ion Ratio Lower Upper
41 100
69 87.0 68.3 102.5
39 46.2 36.8 55.2





#49

1,4-Dioxane

Concen: 946.397 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW014595.D

Acq: 10 Jan 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

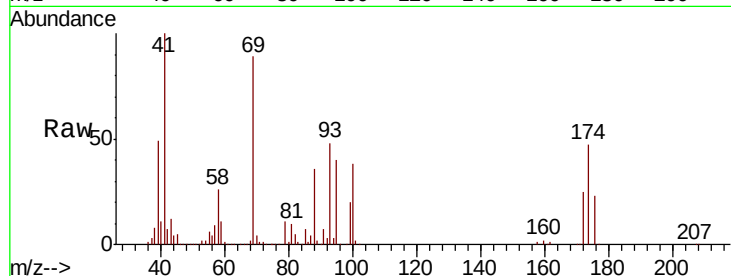
Tot Ion: 88 Resp: 64684

Ion Ratio Lower Upper

88 100

43 29.7 24.9 37.3

58 70.1 56.9 85.3

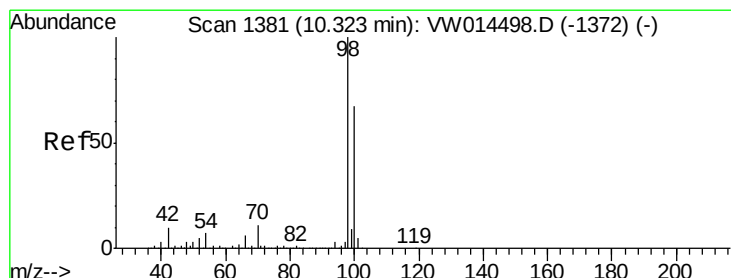
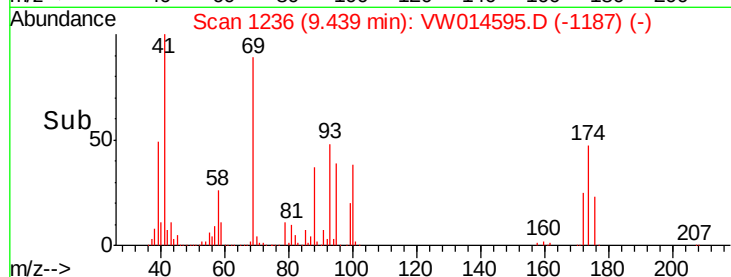
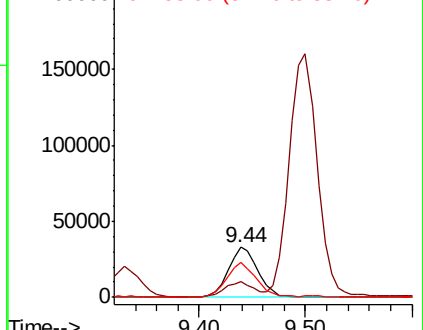


Abundance

Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 51.057 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW014595.D

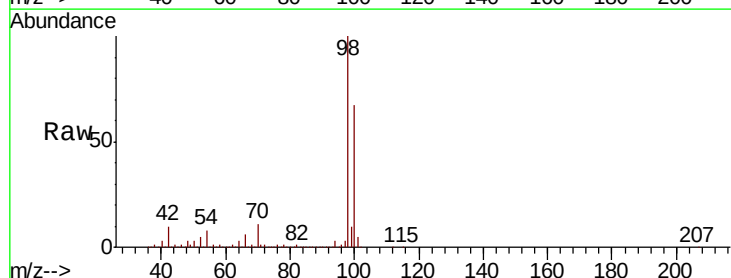
Acq: 10 Jan 2020 10:16

Tgt Ion: 98 Resp: 1346742

Ion Ratio Lower Upper

98 100

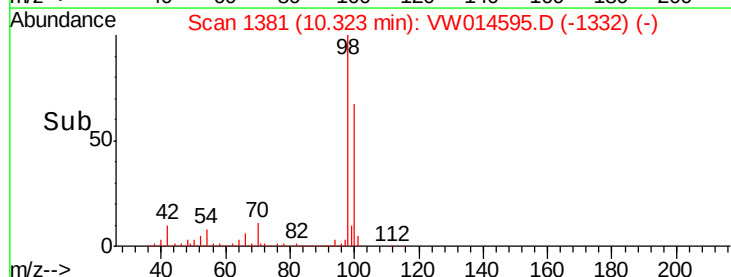
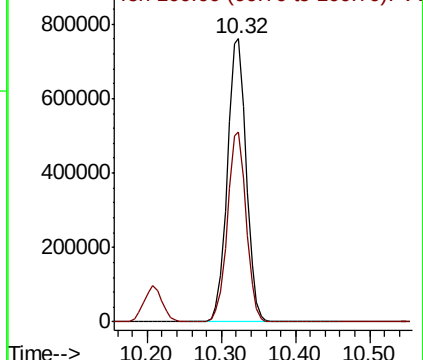
100 66.7 53.8 80.6

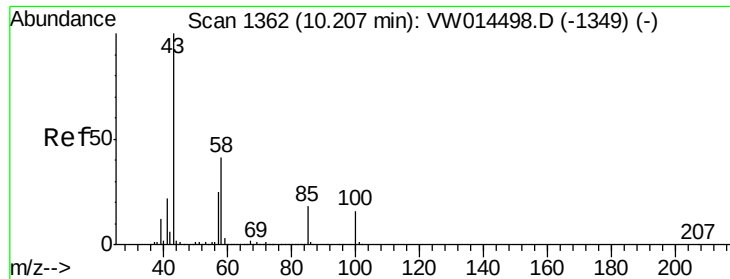


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

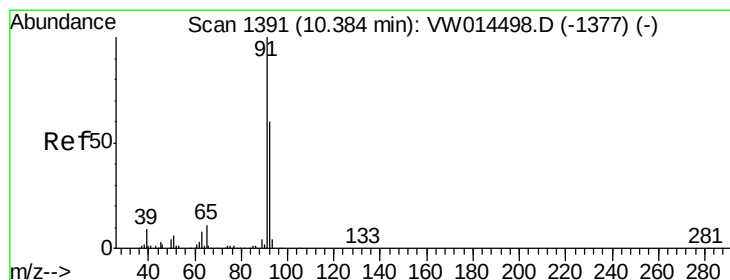
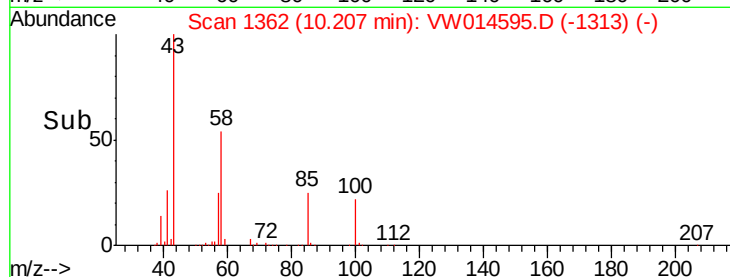
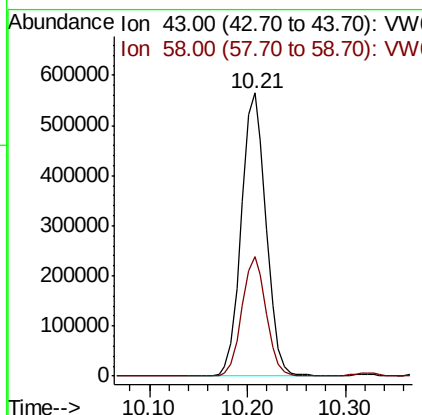
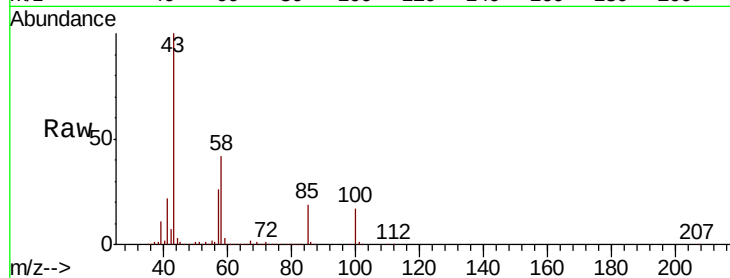




#51
 4-Methyl-2-Pentanone
 Concen: 216.213 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW014595.D
 Acq: 10 Jan 2020 10:16

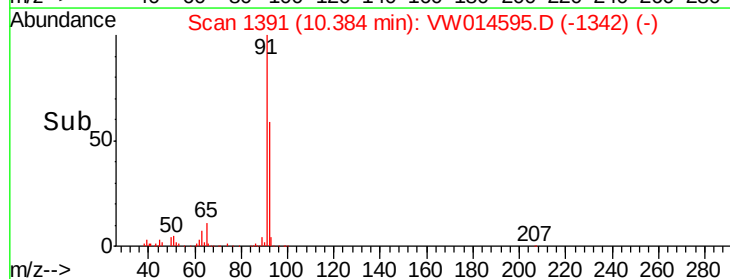
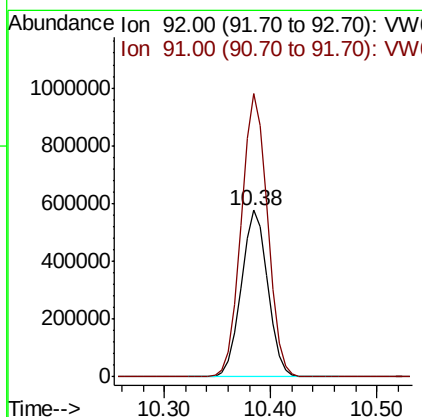
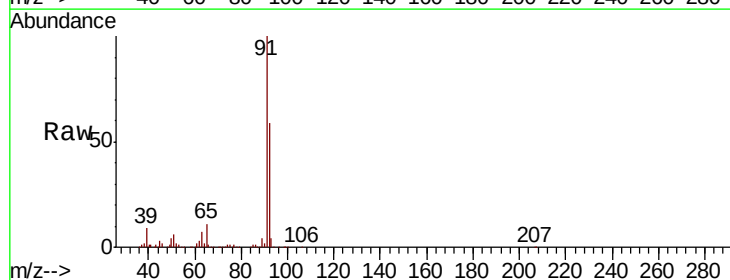
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

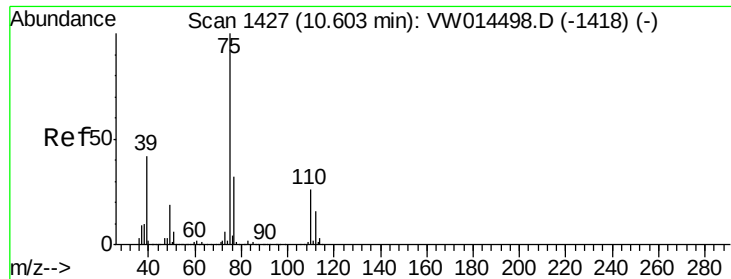
Tot Ion: 43 Resp: 985869
 Ion Ratio Lower Upper
 43 100
 58 41.5 32.7 49.1



#52
 Toluene
 Concen: 52.961 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW014595.D
 Acq: 10 Jan 2020 10:16

Tgt Ion: 92 Resp: 1005069
 Ion Ratio Lower Upper
 92 100
 91 169.2 134.1 201.1





#53

t-1,3-Dichloropropene

Concen: 50.119 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW014595.D

Acq: 10 Jan 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

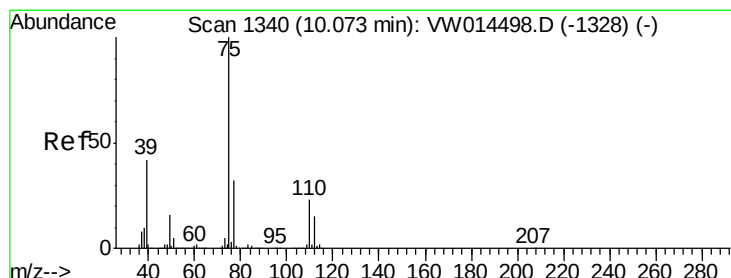
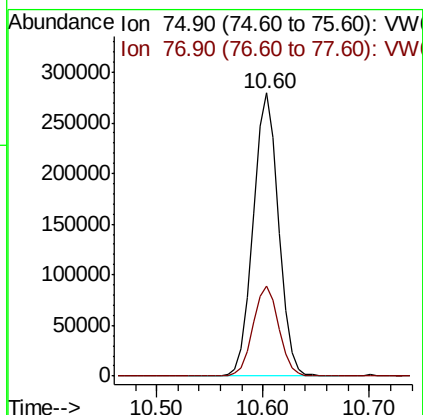
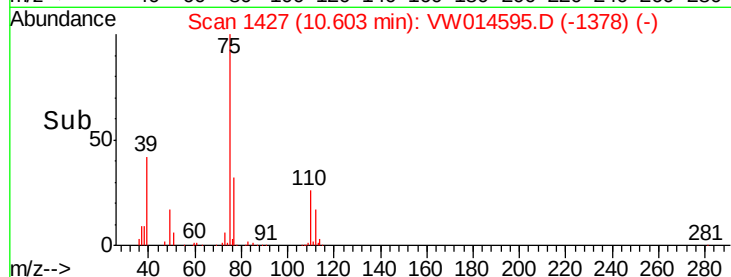
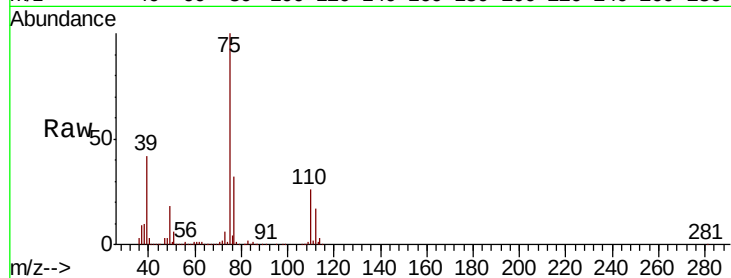
VSTDCCC050

Tot Ion: 75 Resp: 468173

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 51.799 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.01 min

Lab File: VW014595.D

Acq: 10 Jan 2020 10:16

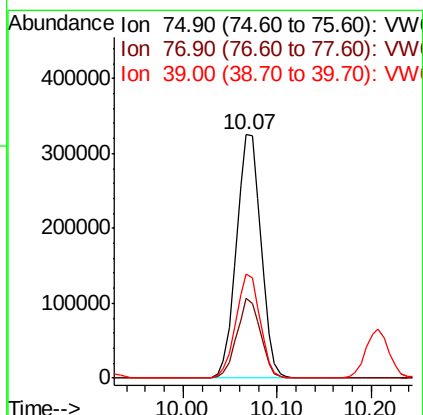
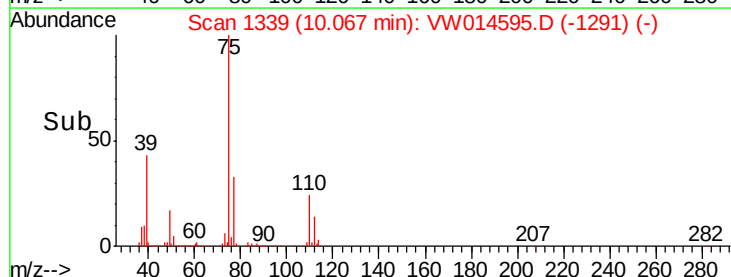
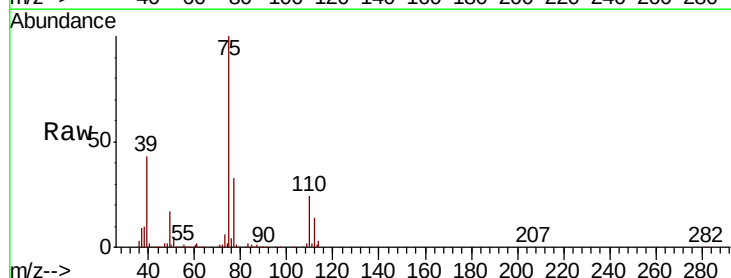
Tgt Ion: 75 Resp: 591372

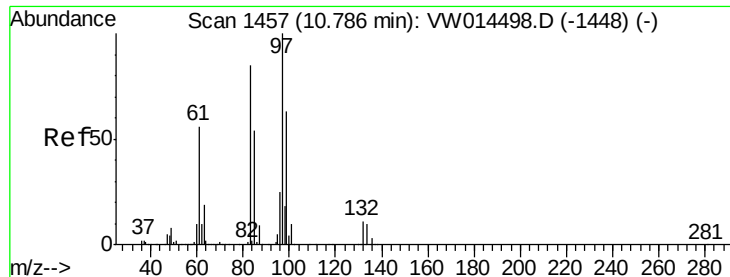
Ion Ratio Lower Upper

75 100

77 32.6 25.4 38.0

39 43.0 33.4 50.2

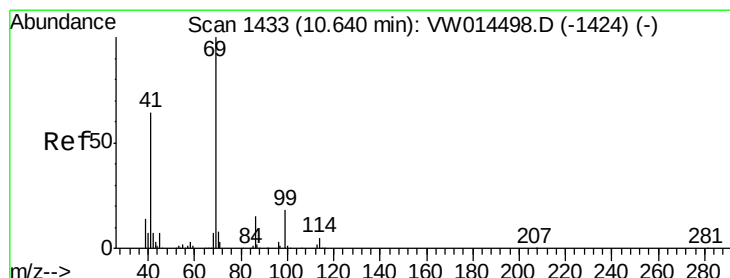
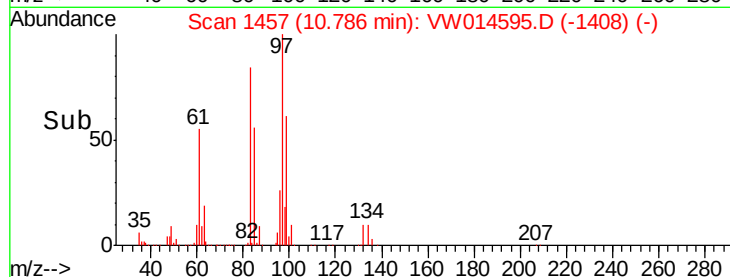
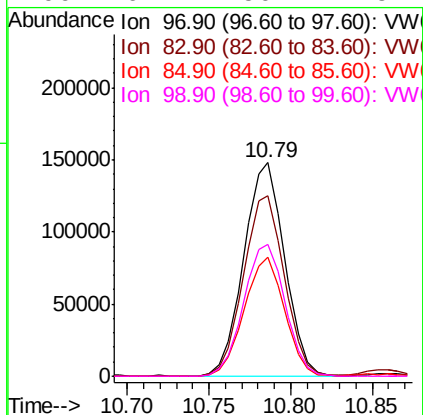
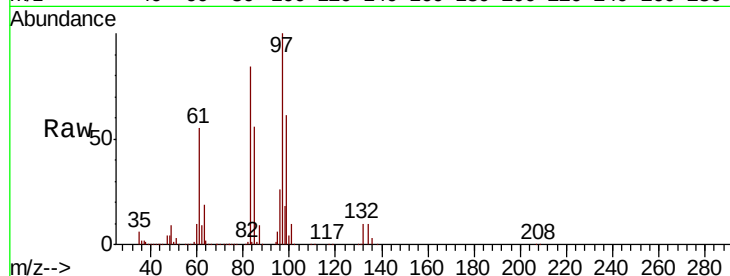




#55
 1,1,2-Trichloroethane
 Concen: 48.508 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW014595.D
 Acq: 10 Jan 2020 10:16

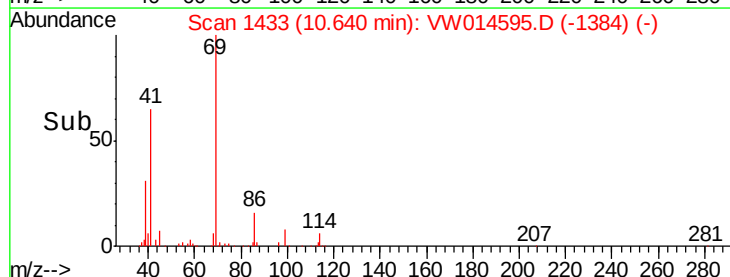
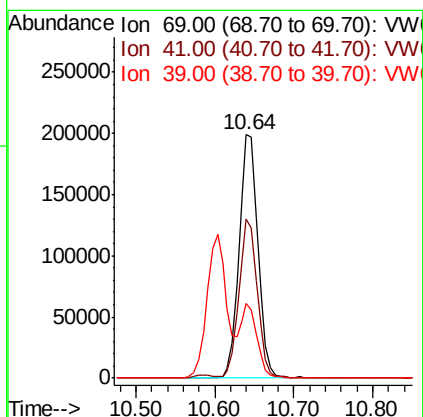
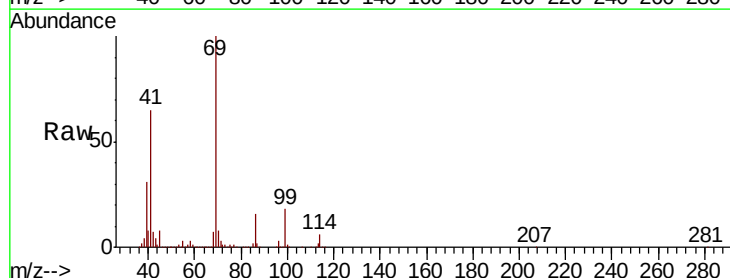
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

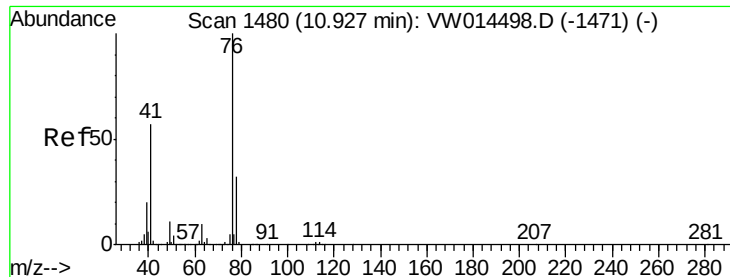
Tot Ion:	97	Resp:	258888
Ion	Ratio	Lower	Upper
97	100		
83	84.3	68.2	102.4
85	55.4	43.0	64.4
99	61.4	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 47.737 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: VW014595.D
 Acq: 10 Jan 2020 10:16

Tgt Ion:	69	Resp:	331104
Ion	Ratio	Lower	Upper
69	100		
41	62.9	51.3	76.9
39	25.2	21.0	31.6





#57

1,3-Dichloropropane

Concen: 48.496 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW014595.D

Acq: 10 Jan 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

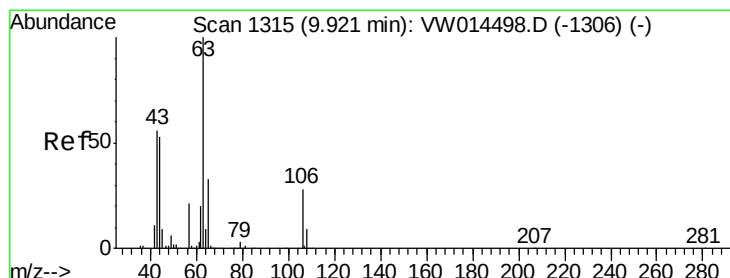
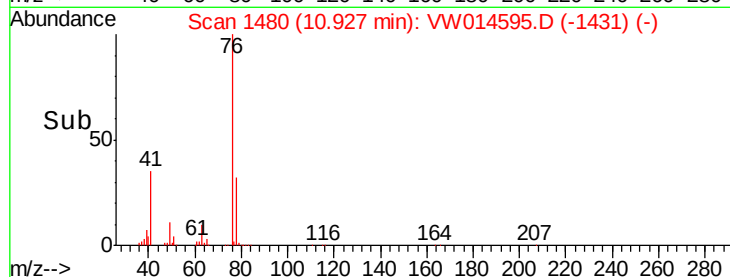
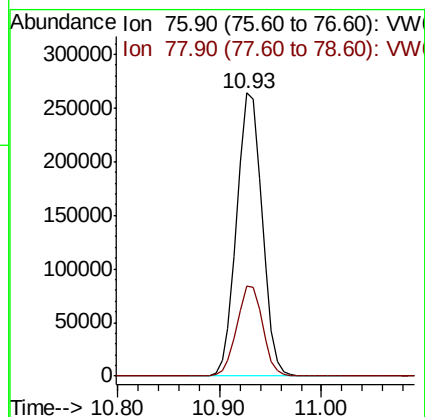
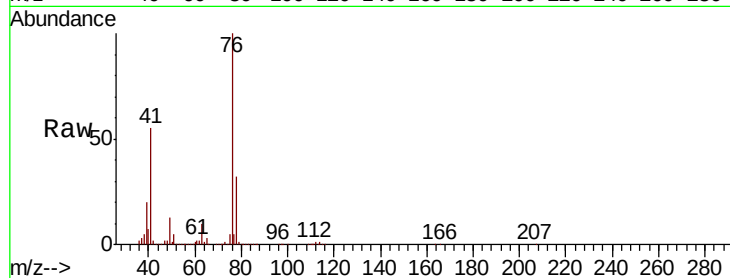
VSTDCCC050

Tot Ion: 76 Resp: 454893

Ion Ratio Lower Upper

76 100

78 32.2 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 273.236 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW014595.D

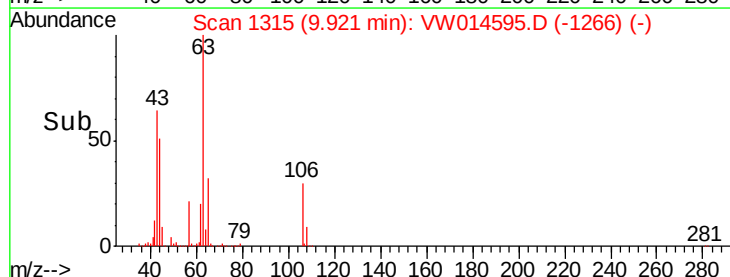
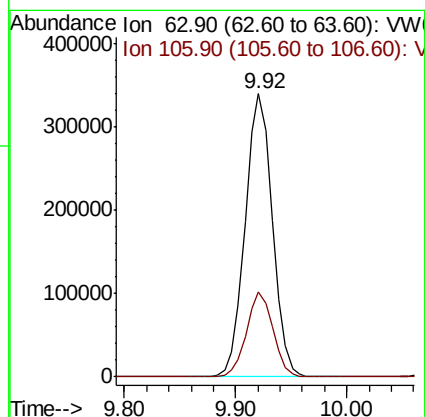
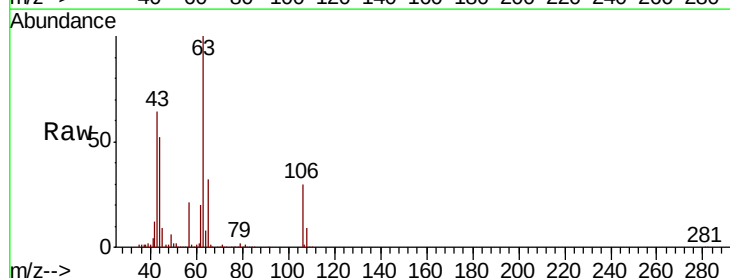
Acq: 10 Jan 2020 10:16

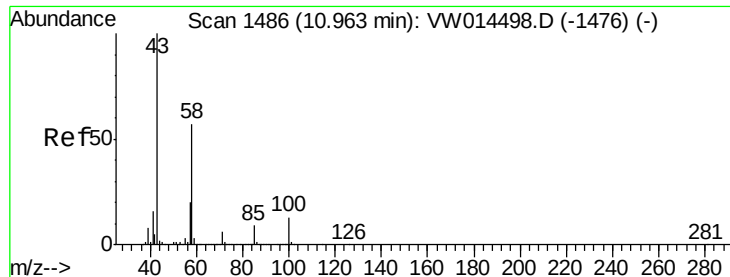
Tgt Ion: 63 Resp: 576377

Ion Ratio Lower Upper

63 100

106 29.2 23.0 34.6

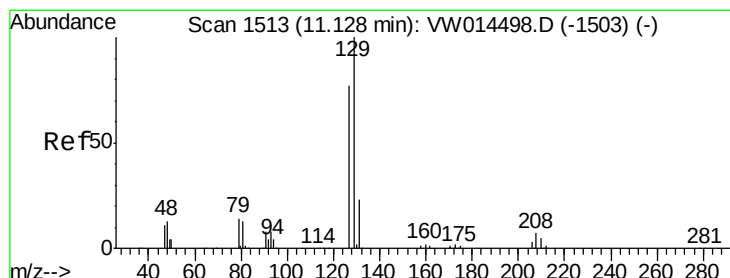
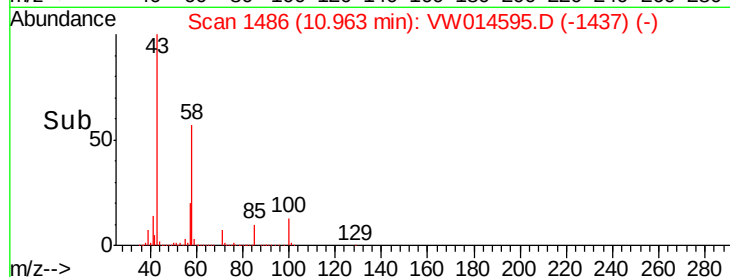
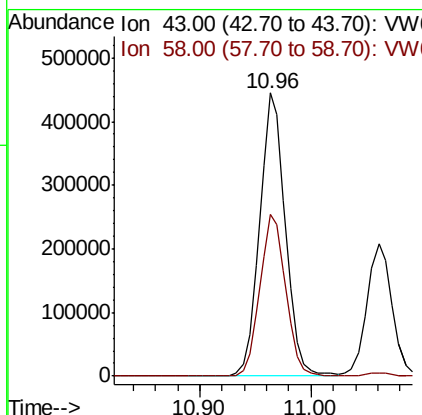
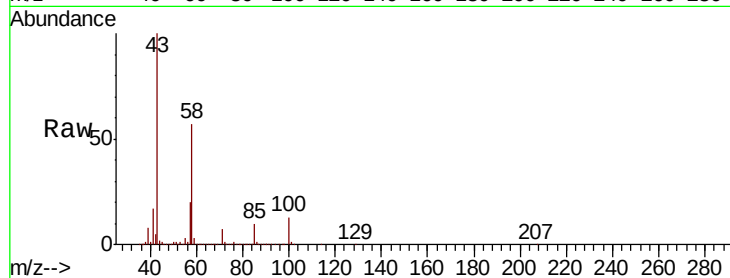




#59
2-Hexanone
Concen: 228.234 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VW014595.D
Acq: 10 Jan 2020 10:16

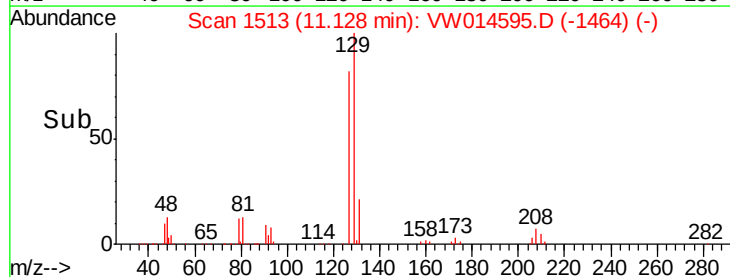
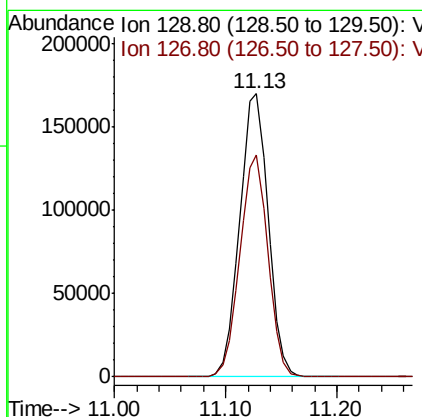
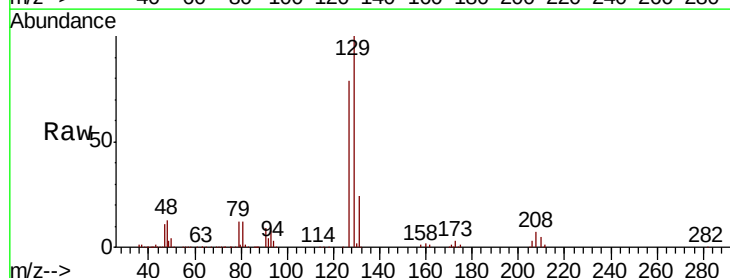
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

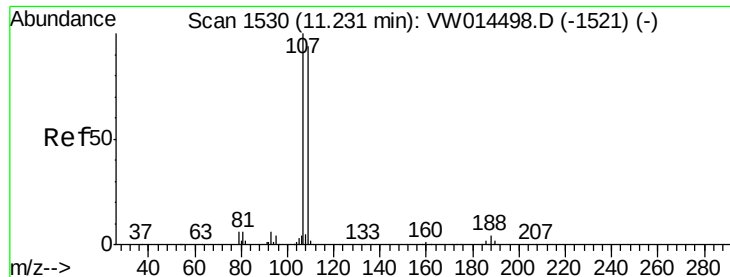
Tot Ion: 43 Resp: 717121
Ion Ratio Lower Upper
43 100
58 57.5 28.7 86.3



#60
Dibromochloromethane
Concen: 50.213 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW014595.D
Acq: 10 Jan 2020 10:16

Tgt Ion: 129 Resp: 302371
Ion Ratio Lower Upper
129 100
127 77.2 38.1 114.5





#61

1,2-Dibromoethane

Concen: 47.777 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VW014595.D

Acq: 10 Jan 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

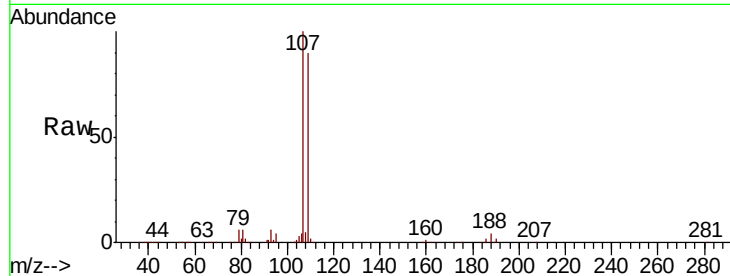
VSTDCCC050

Tot Ion:107 Resp: 242039

Ion Ratio Lower Upper

107 100

109 93.0 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.23

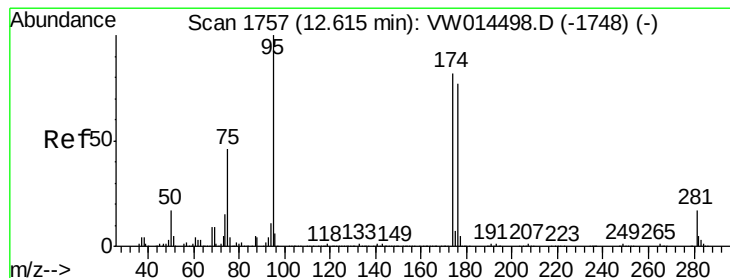
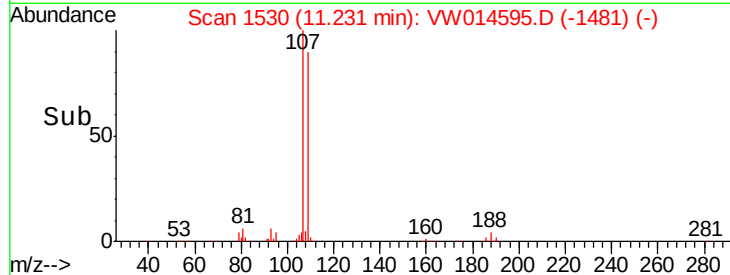
150000

100000

50000

0

Time--> 11.10 11.20 11.30



#62

4-Bromofluorobenzene

Concen: 50.127 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW014595.D

Acq: 10 Jan 2020 10:16

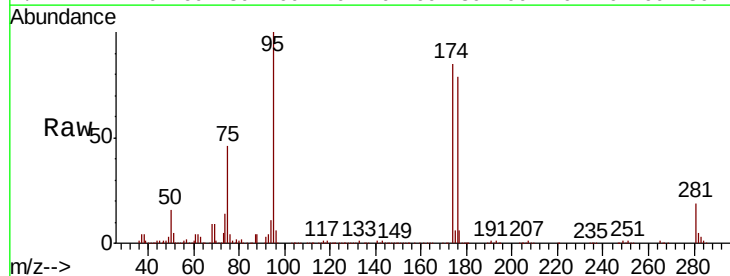
Tgt Ion: 95 Resp: 448476

Ion Ratio Lower Upper

95 100

174 84.8 0.0 168.6

176 81.8 0.0 162.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

400000

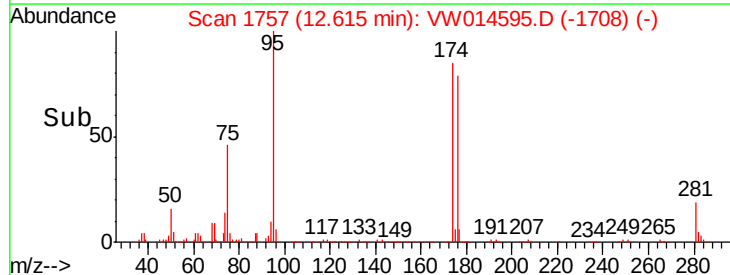
300000

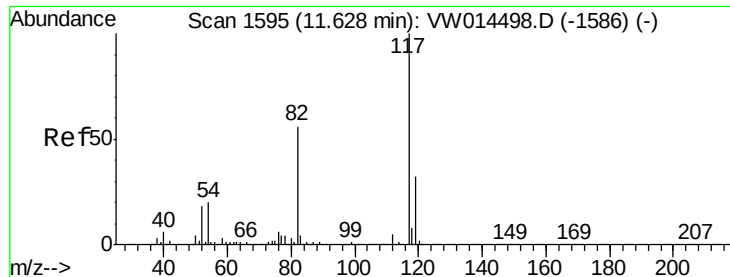
200000

100000

0

Time--> 12.50 12.60 12.70

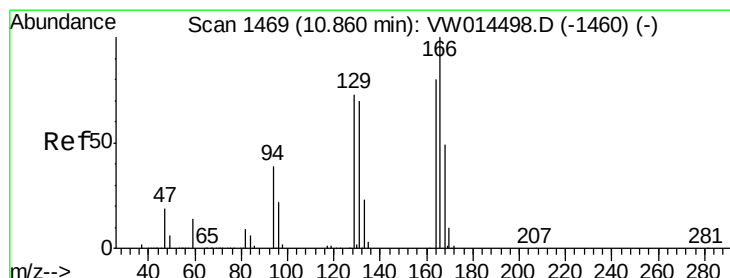
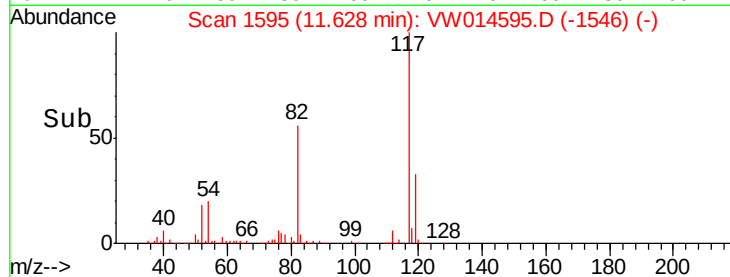
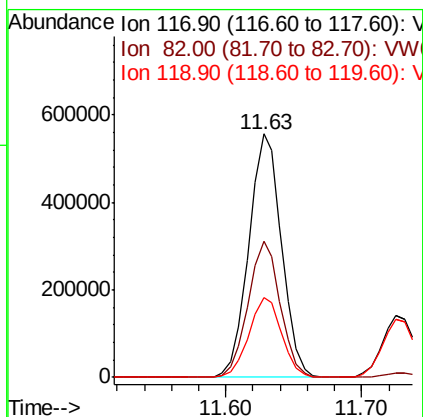
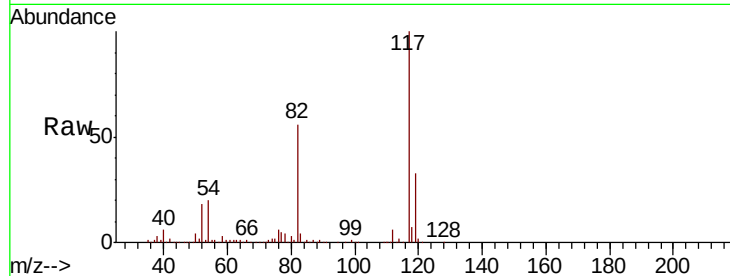




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014595.D
Acq: 10 Jan 2020 10:16

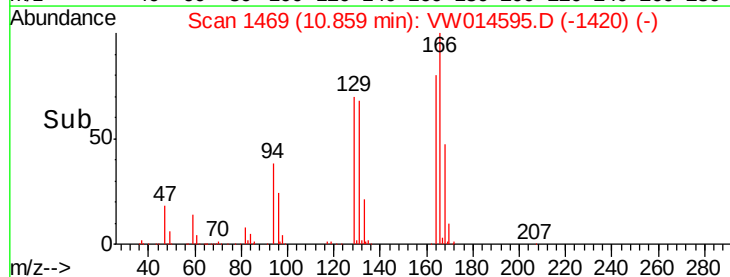
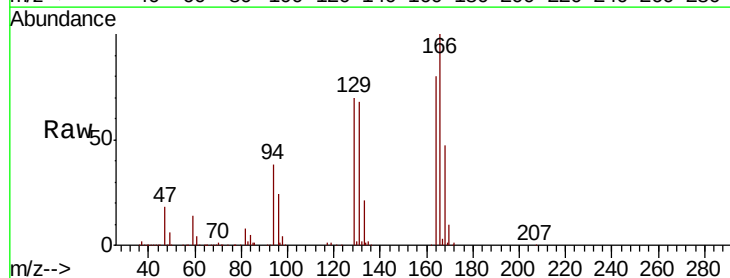
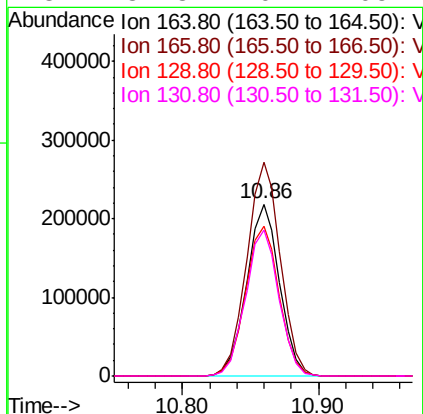
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

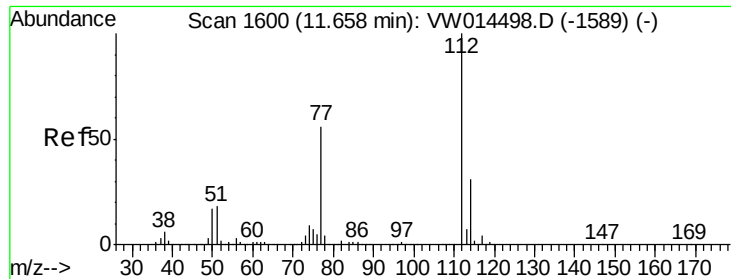
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.6	67.0
119	32.6	25.7	38.5



#64
Tetrachloroethene
Concen: 54.394 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW014595.D
Acq: 10 Jan 2020 10:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.3	99.8	149.6
129	87.0	72.4	108.6
131	84.8	70.1	105.1





#65

Chlorobenzene

Concen: 53.233 ug/l

RT: 11.65 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VW014595.D

Acq: 10 Jan 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

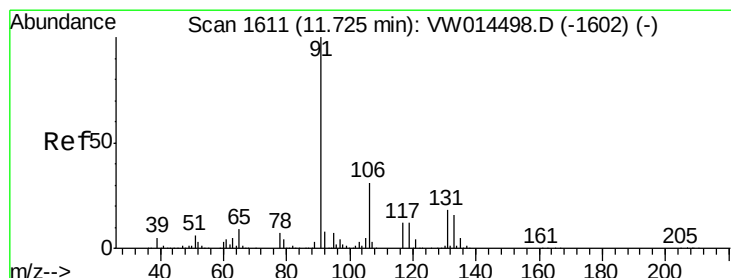
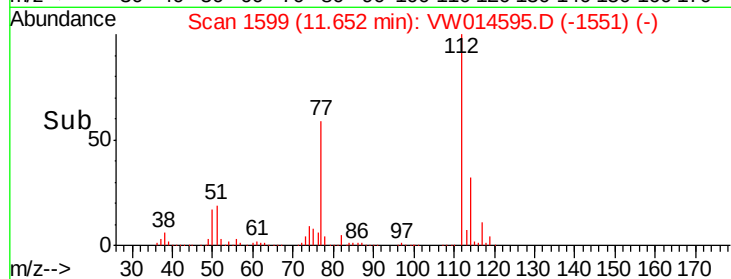
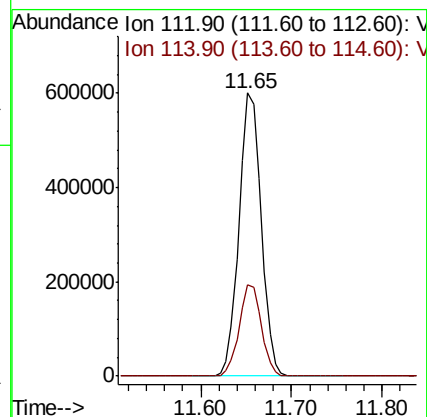
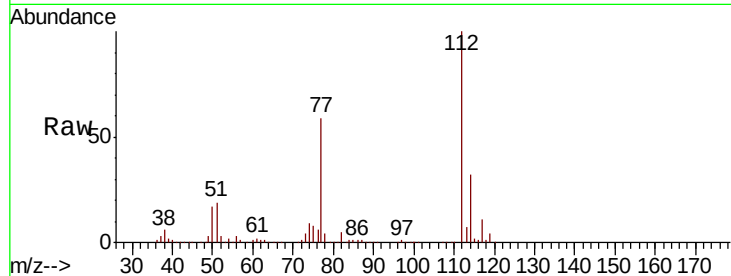
VSTDCCC050

Tot Ion:112 Resp: 1020939

Ion Ratio Lower Upper

112 100

114 32.2 24.6 37.0



#66

1,1,1,2-Tetrachloroethane

Concen: 53.139 ug/l

RT: 11.73 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VW014595.D

Acq: 10 Jan 2020 10:16

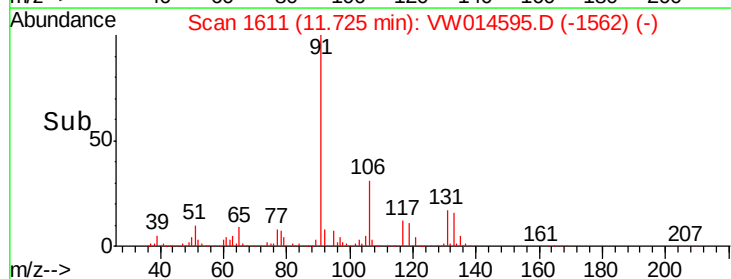
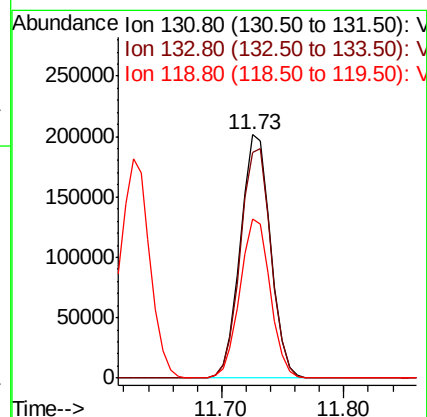
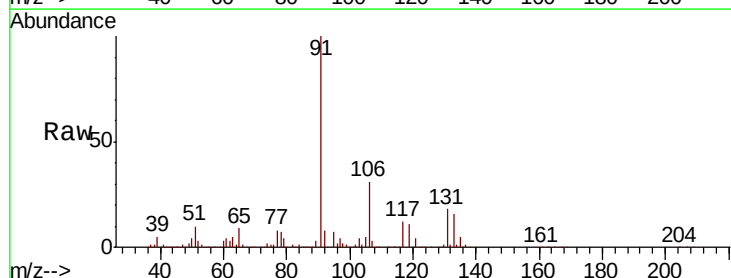
Tgt Ion:131 Resp: 343141

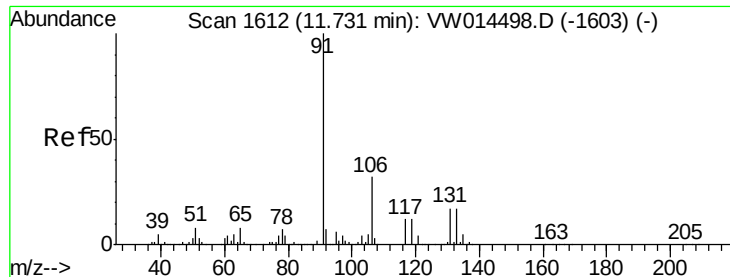
Ion Ratio Lower Upper

131 100

133 96.1 47.3 142.0

119 65.6 33.1 99.3

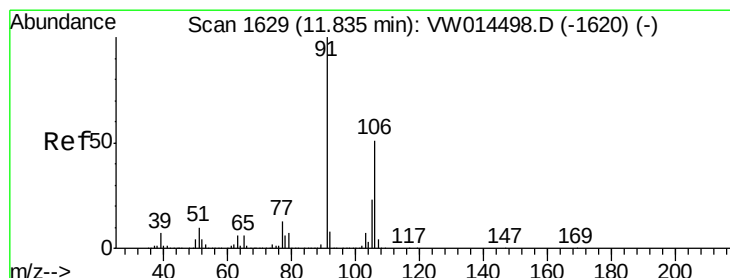
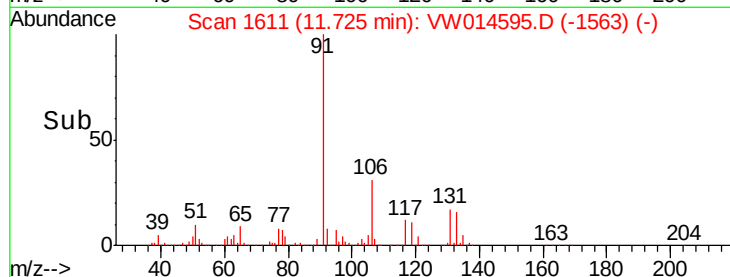
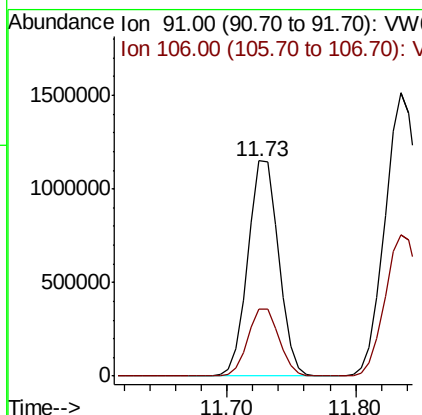
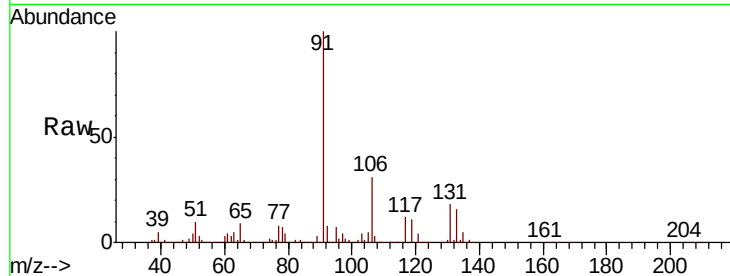




#67
Ethyl Benzene
Concen: 54.737 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW014595.D
Acq: 10 Jan 2020 10:16

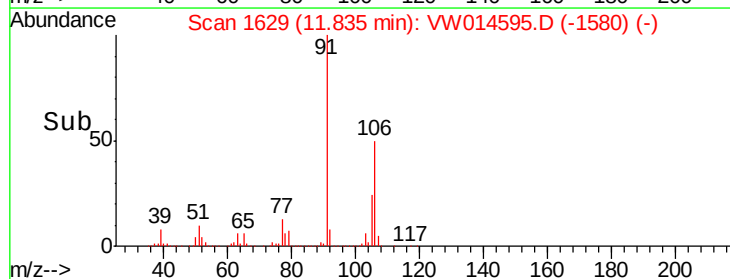
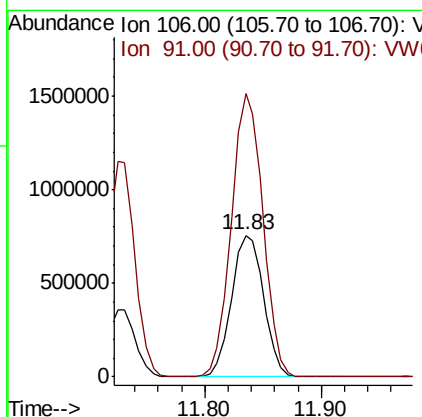
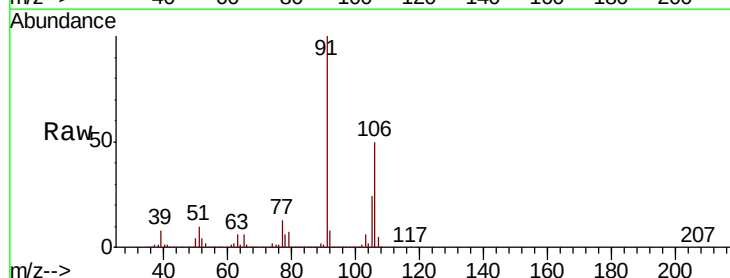
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

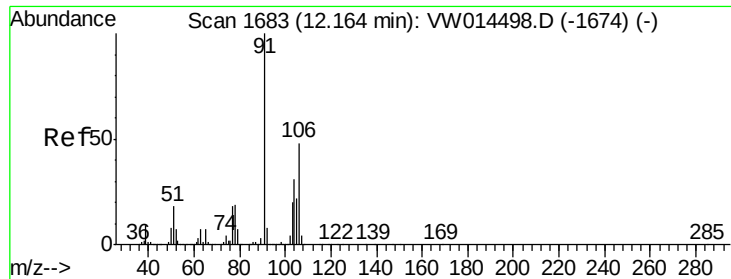
Tot Ion: 91 Resp: 1891861
Ion Ratio Lower Upper
91 100
106 31.3 25.5 38.3



#68
m/p-Xylenes
Concen: 109.388 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW014595.D
Acq: 10 Jan 2020 10:16

Tgt Ion:106 Resp: 1446995
Ion Ratio Lower Upper
106 100
91 197.2 159.0 238.6

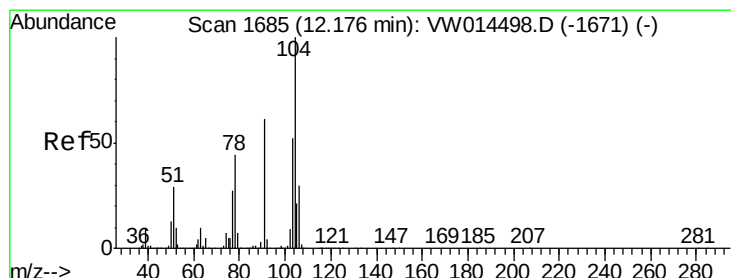
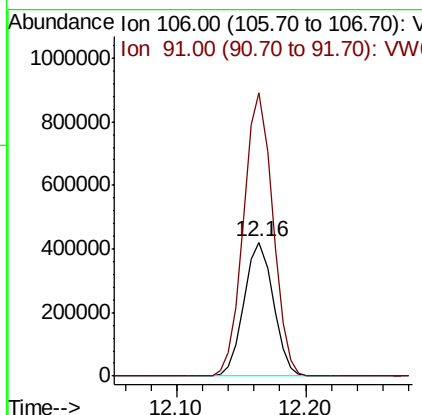
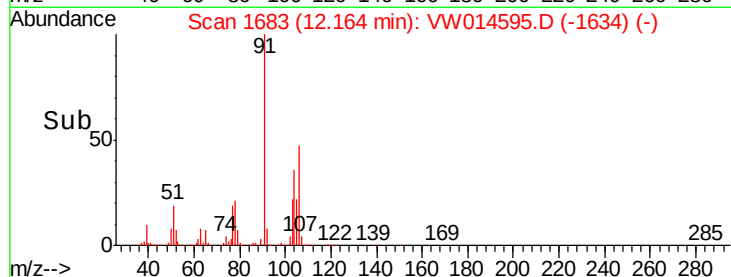
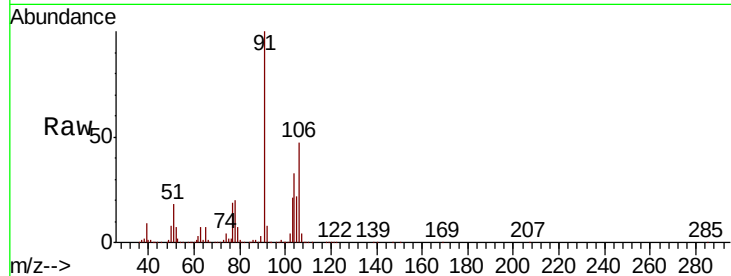




#69
o-Xylene
Concen: 54.374 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014595.D
Acq: 10 Jan 2020 10:16

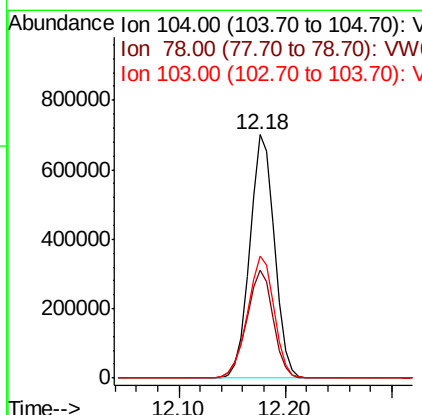
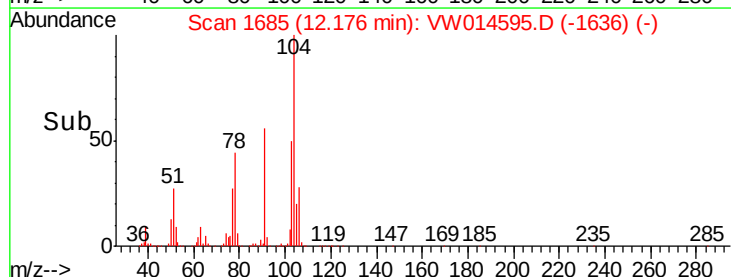
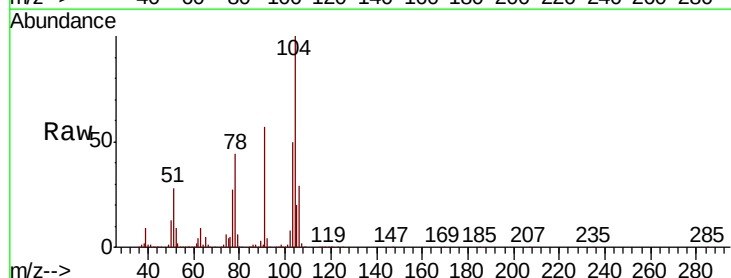
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

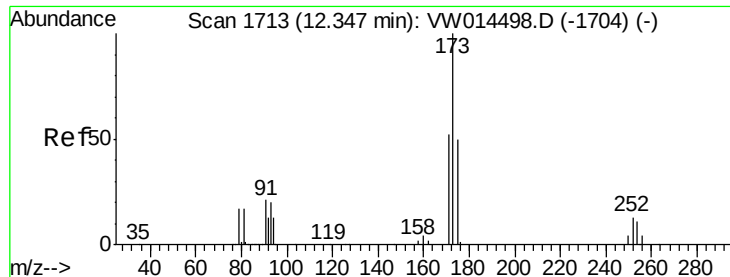
Tot Ion:106 Resp: 664391
Ion Ratio Lower Upper
106 100
91 210.1 105.2 315.6



#70
Styrene
Concen: 55.023 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW014595.D
Acq: 10 Jan 2020 10:16

Tgt Ion:104 Resp: 1137190
Ion Ratio Lower Upper
104 100
78 47.7 38.4 57.6
103 54.2 43.7 65.5





#71

Bromoform

Concen: 47.950 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW014595.D

Acq: 10 Jan 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

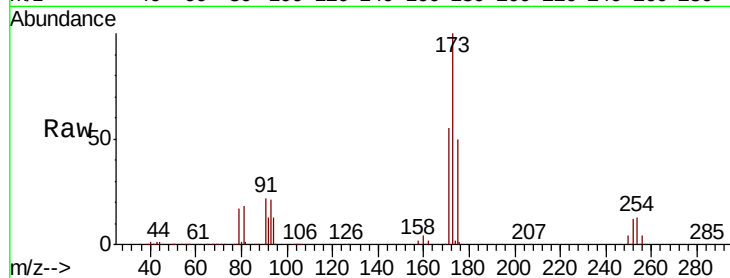
Tot Ion:173 Resp: 168892

Ion Ratio Lower Upper

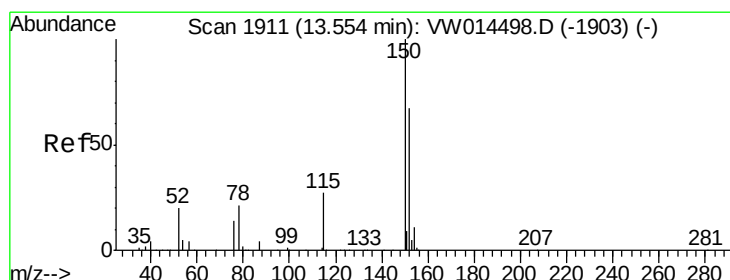
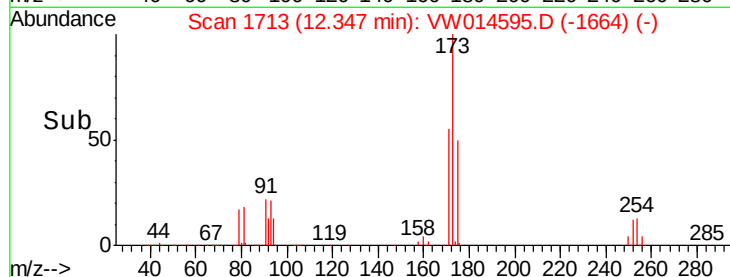
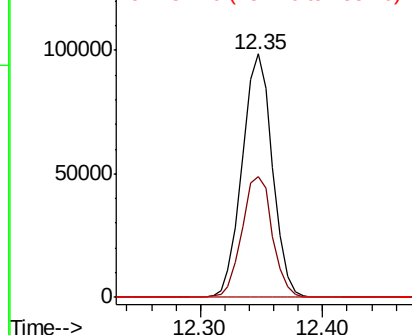
173 100

175 50.0 24.5 73.5

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. 0.00 min

Lab File: VW014595.D

Acq: 10 Jan 2020 10:16

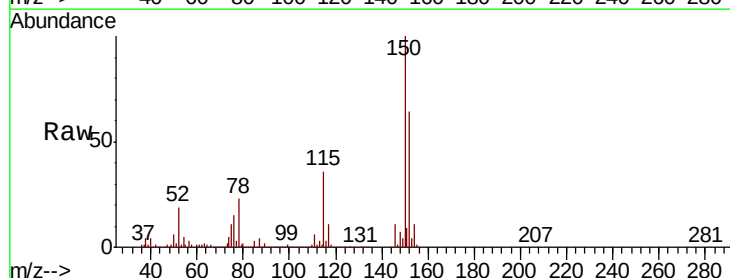
Tgt Ion:152 Resp: 460284

Ion Ratio Lower Upper

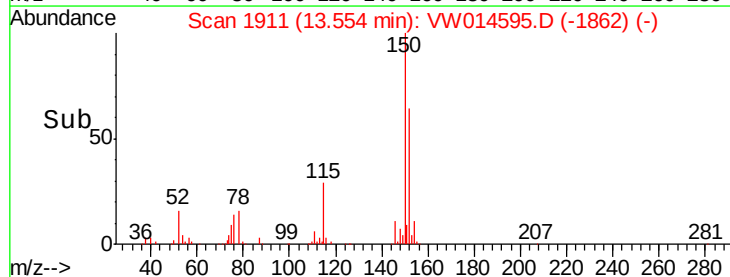
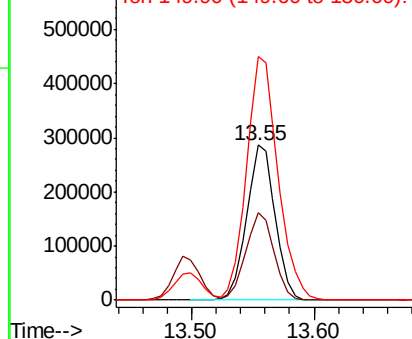
152 100

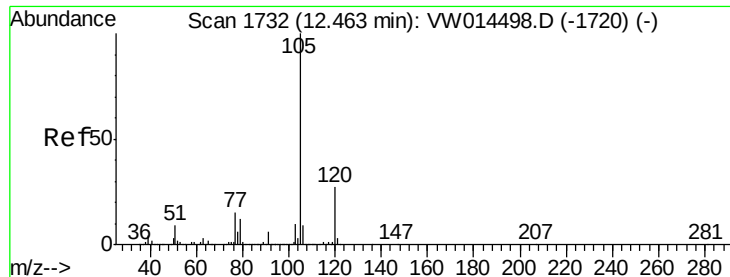
115 56.2 27.7 83.1

150 174.1 0.0 343.4



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





#73

Isopropylbenzene

Concen: 55.206 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW014595.D

Acq: 10 Jan 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

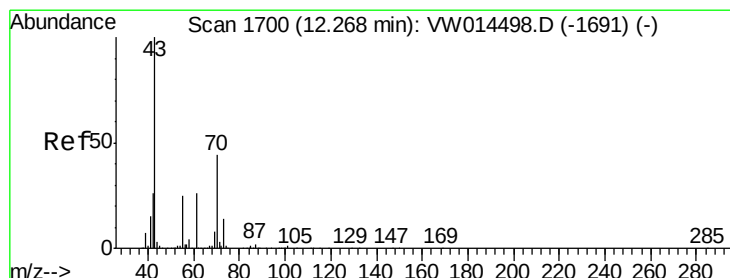
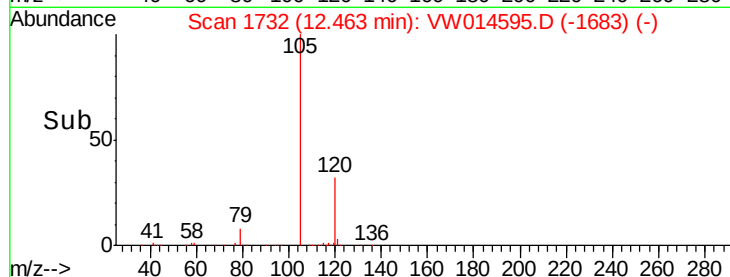
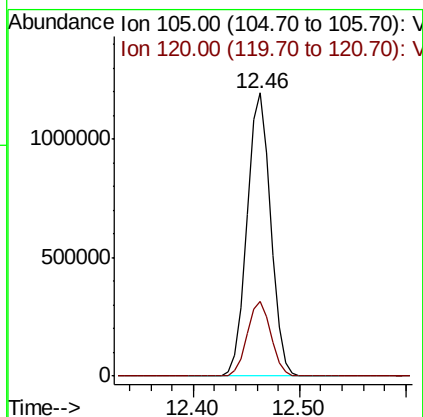
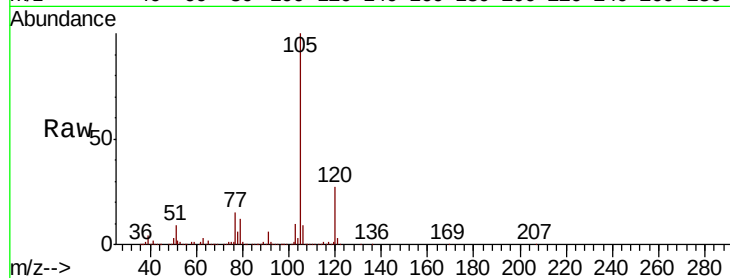
VSTDCCC050

Tot Ion:105 Resp: 1864514

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.1



#74

N-ethyl acetate

Concen: 46.618 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VW014595.D

Acq: 10 Jan 2020 10:16

Tgt Ion: 43 Resp: 353023

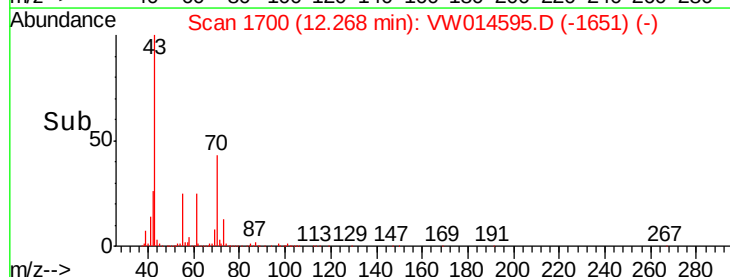
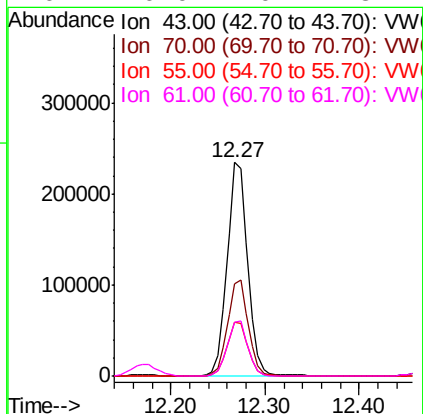
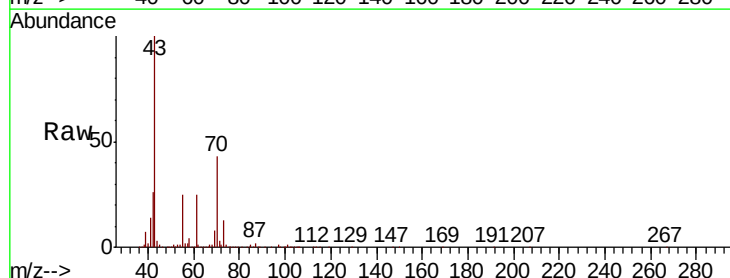
Ion Ratio Lower Upper

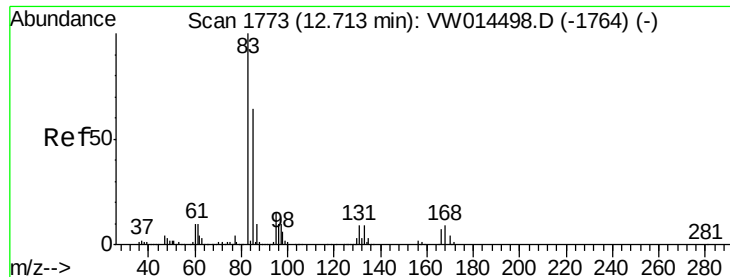
43 100

70 45.5 36.5 54.7

55 25.6 20.9 31.3

61 26.0 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 46.124 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW014595.D

Acq: 10 Jan 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

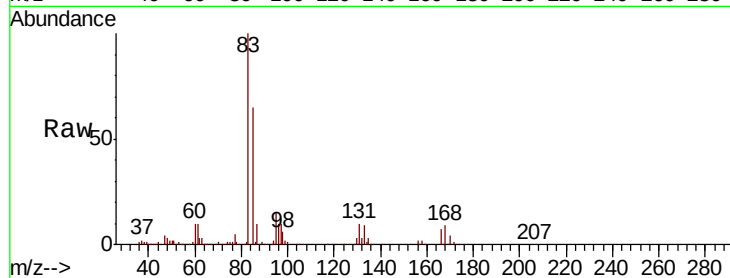
Tot Ion: 83 Resp: 281172

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.4

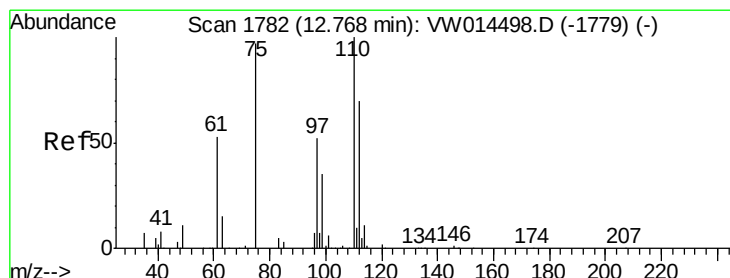
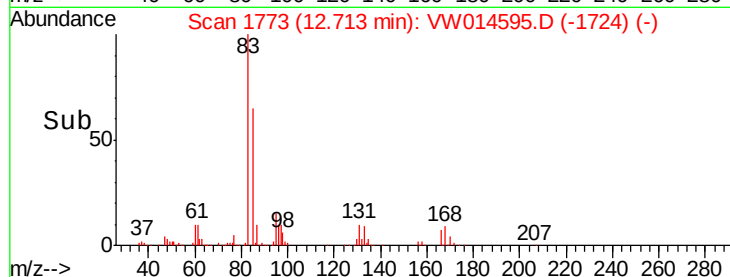
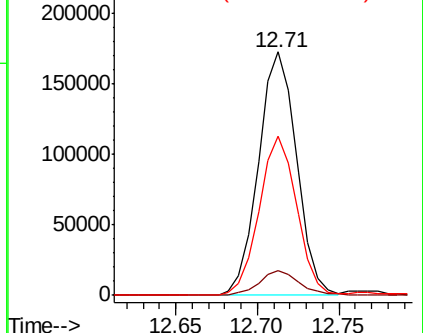
85 64.6 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 83.111 ug/l

RT: 12.76 min Scan# 1781

Delta R.T. -0.01 min

Lab File: VW014595.D

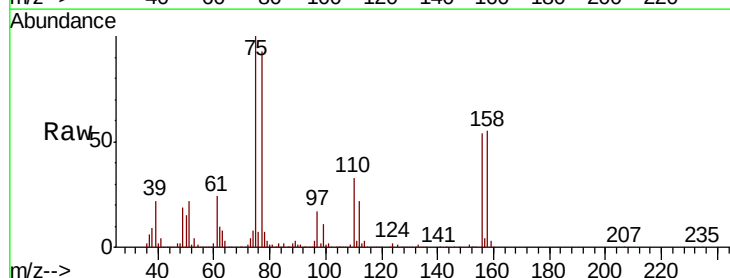
Acq: 10 Jan 2020 10:16

Tgt Ion: 75 Resp: 361692

Ion Ratio Lower Upper

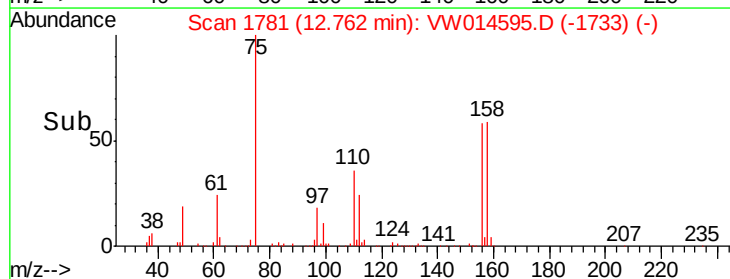
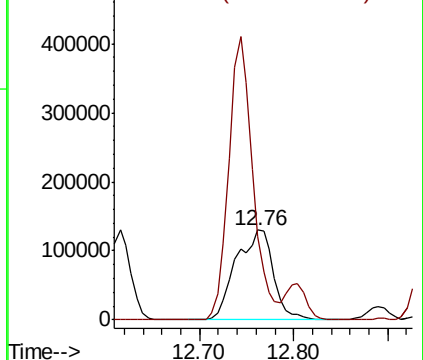
75 100

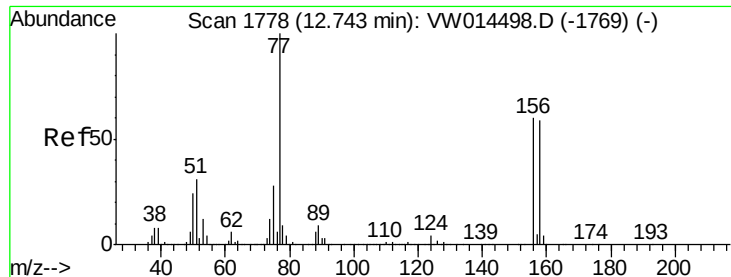
77 203.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 51.965 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW014595.D

Acq: 10 Jan 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

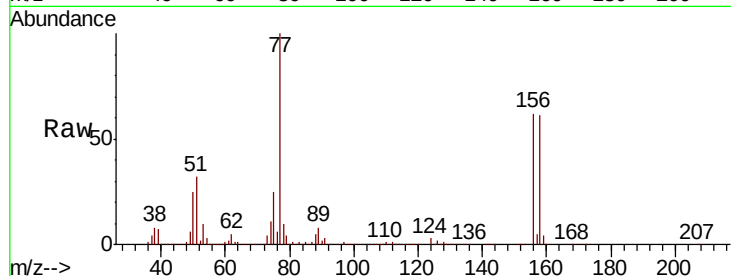
Tot Ion:156 Resp: 407622

Ion Ratio Lower Upper

156 100

77 180.7 92.3 277.1

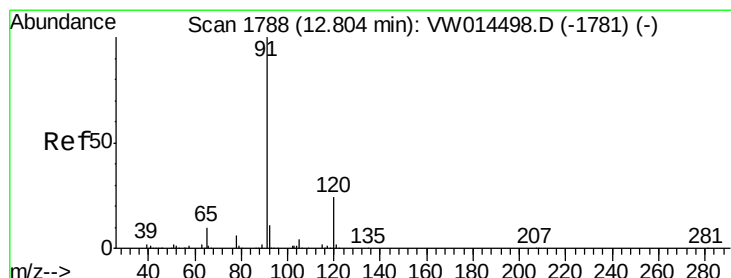
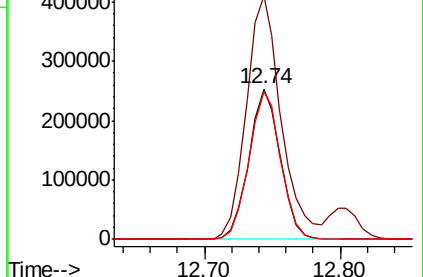
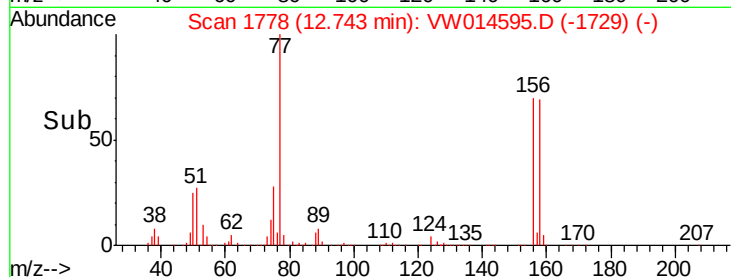
158 99.1 48.6 145.9



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: 55.402 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW014595.D

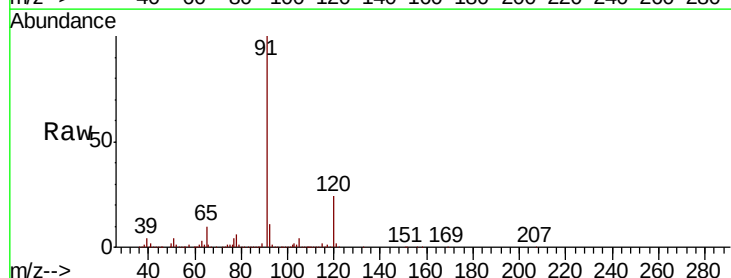
Acq: 10 Jan 2020 10:16

Tgt Ion: 91 Resp: 2200233

Ion Ratio Lower Upper

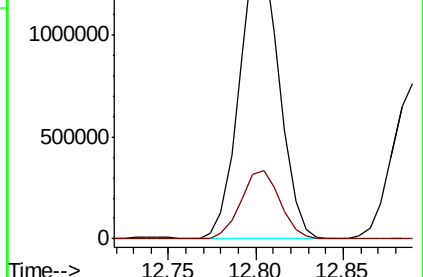
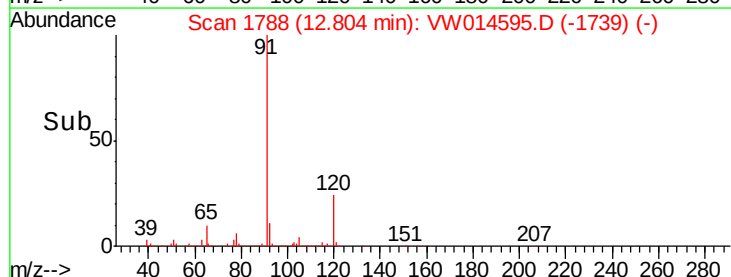
91 100

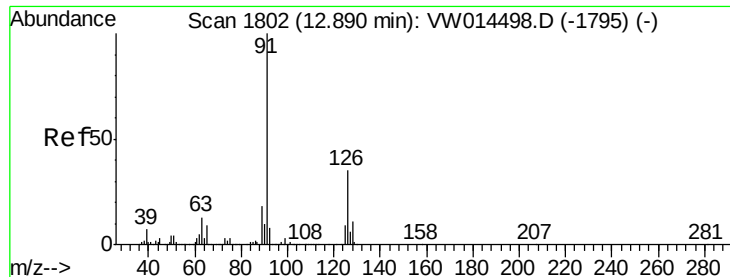
120 23.6 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.537 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW014595.D

Acq: 10 Jan 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

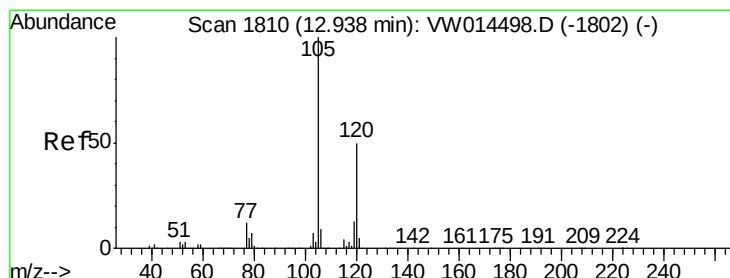
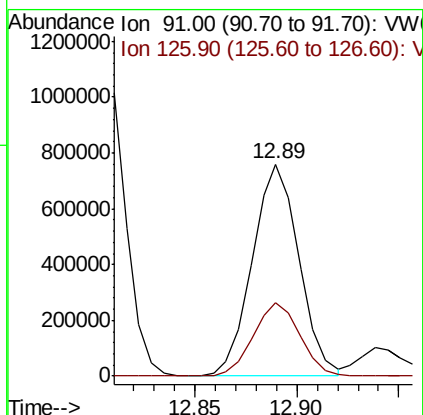
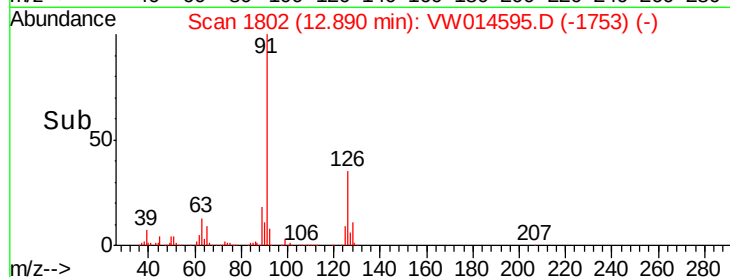
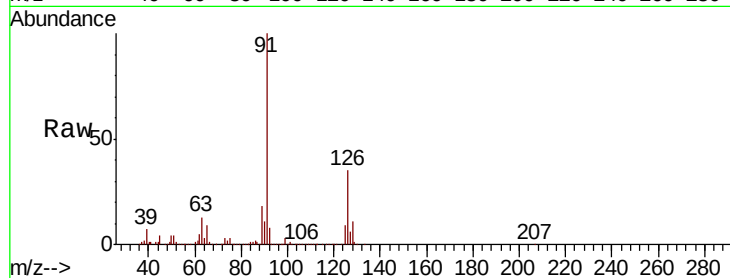
VSTDCCC050

Tot Ion: 91 Resp: 1209952

Ion Ratio Lower Upper

91 100

126 34.5 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 54.944 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW014595.D

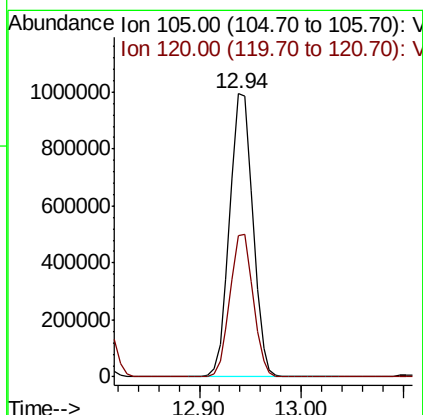
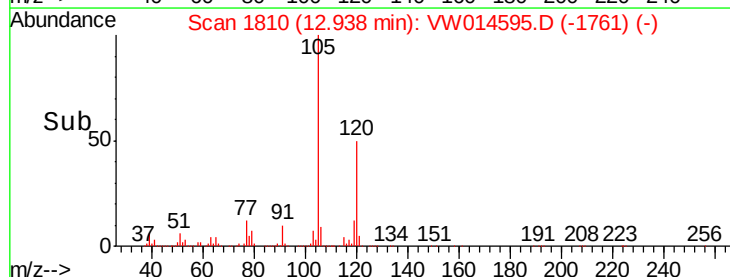
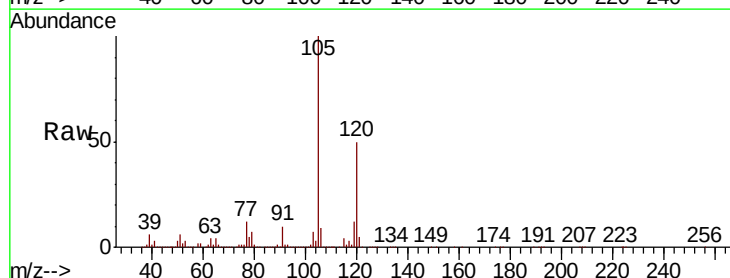
Acq: 10 Jan 2020 10:16

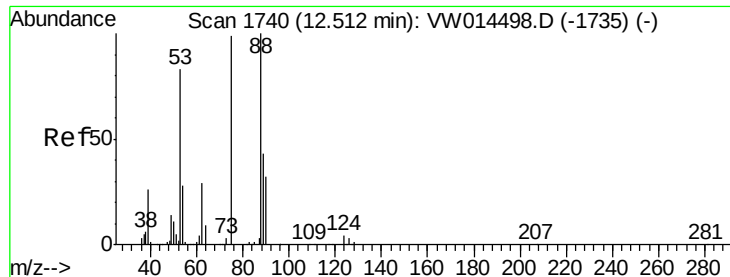
Tgt Ion:105 Resp: 1558056

Ion Ratio Lower Upper

105 100

120 50.3 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 47.506 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW014595.D

Acq: 10 Jan 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

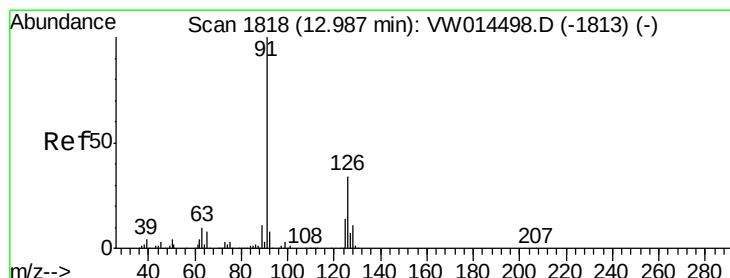
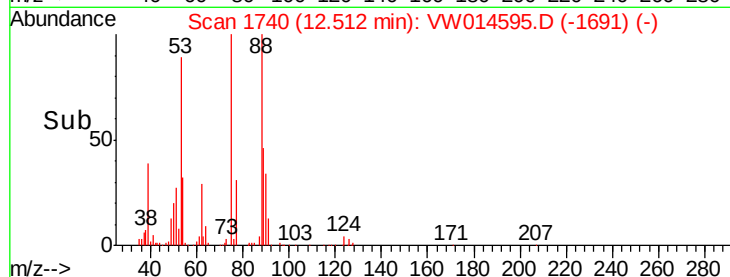
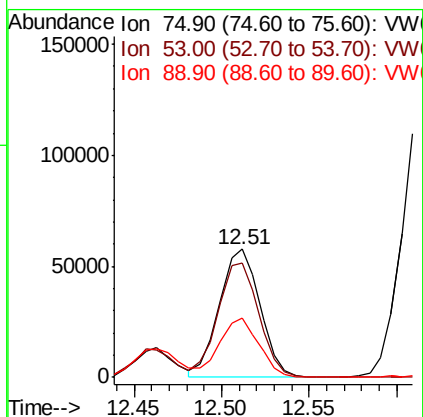
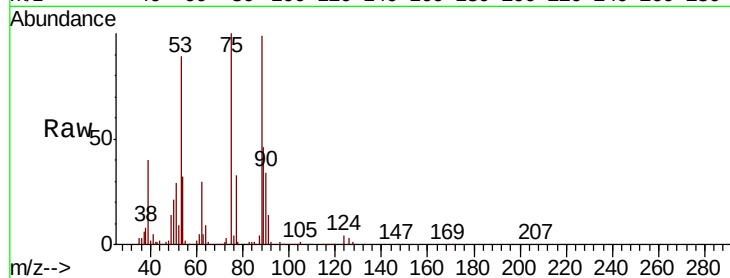
Tot Ion: 75 Resp: 92790

Ion Ratio Lower Upper

75 100

53 89.5 70.9 106.3

89 44.6 35.8 53.8



#82

4-Chlorotoluene

Concen: 53.602 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW014595.D

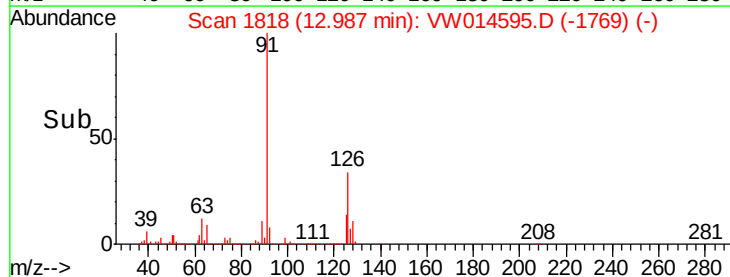
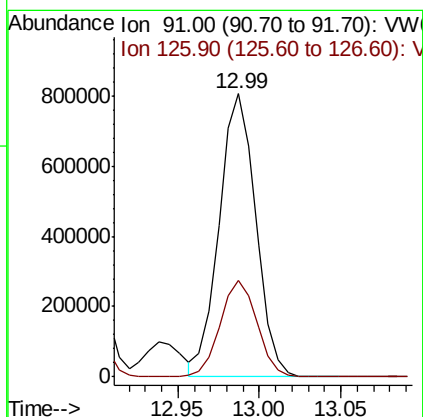
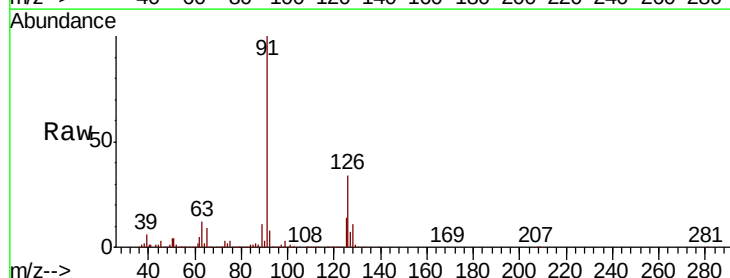
Acq: 10 Jan 2020 10:16

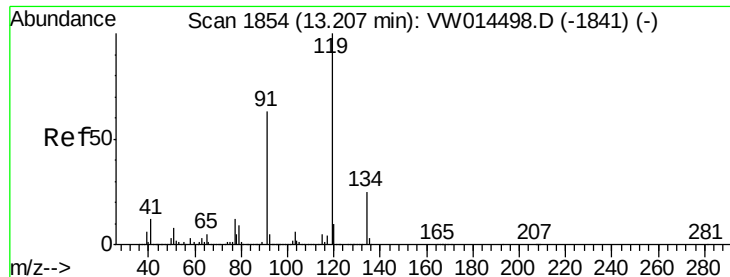
Tgt Ion: 91 Resp: 1258592

Ion Ratio Lower Upper

91 100

126 34.3 17.1 51.2

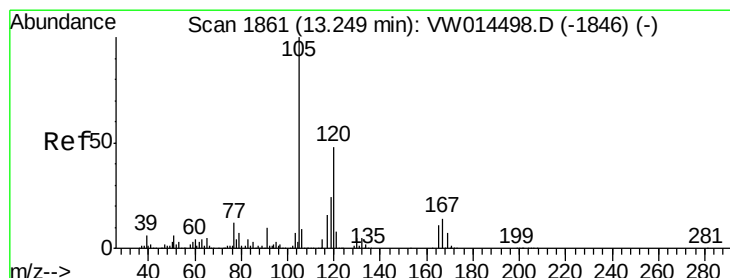
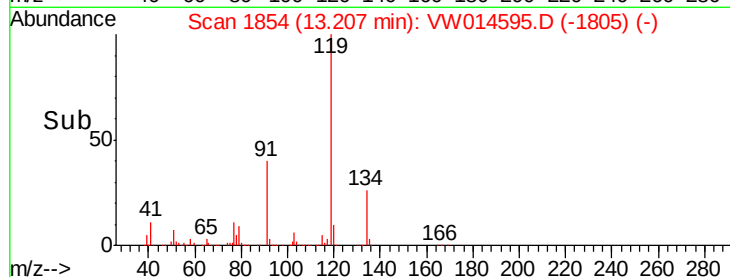
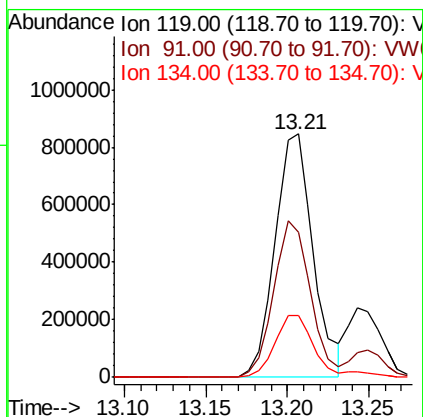
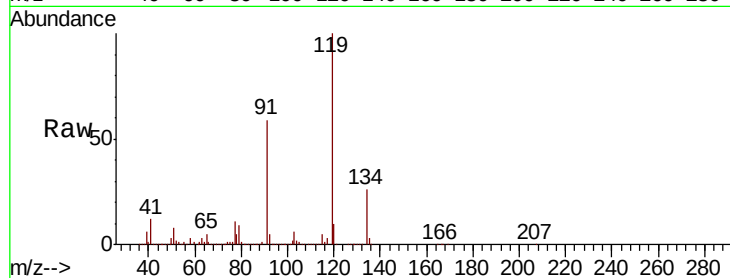




#83
 tert-Butylbenzene
 Concen: 55.566 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW014595.D
 Acq: 10 Jan 2020 10:16

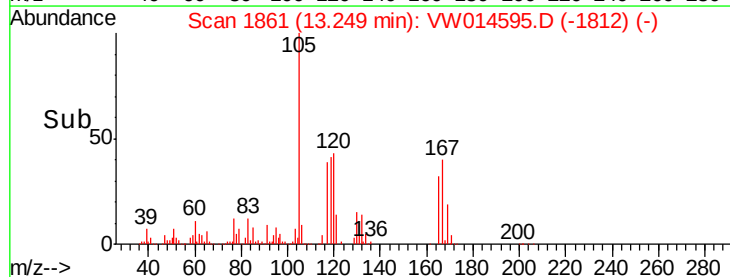
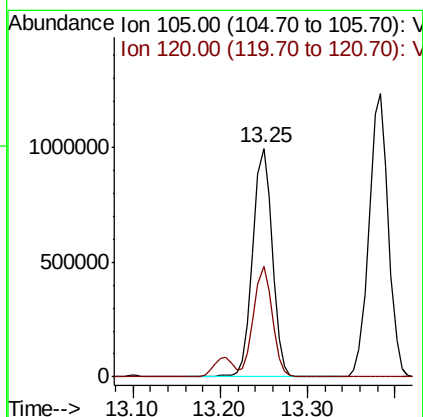
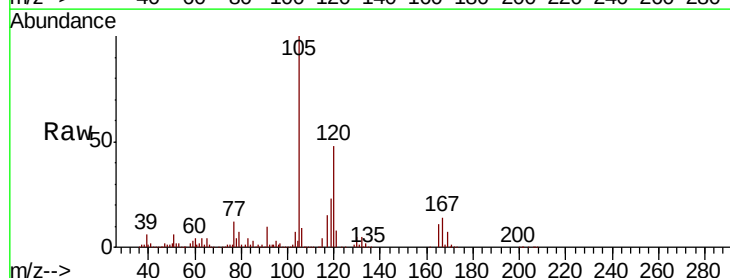
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

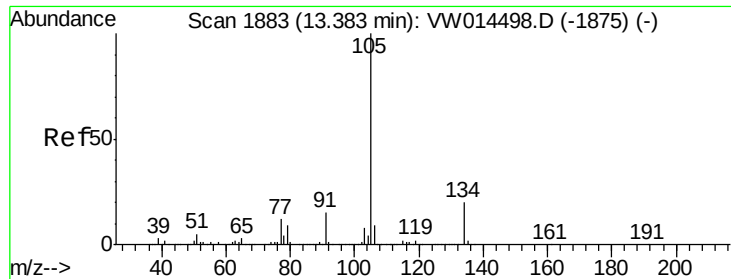
Tot Ion:119 Resp: 1379587
 Ion Ratio Lower Upper
 119 100
 91 62.0 31.1 93.3
 134 27.0 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 54.282 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW014595.D
 Acq: 10 Jan 2020 10:16

Tgt Ion:105 Resp: 1531812
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.4 70.0





#85

sec-Butylbenzene

Concen: 55.485 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW014595.D

Acq: 10 Jan 2020 10:16

Instrument :

MSVOA_W

ClientSampled :

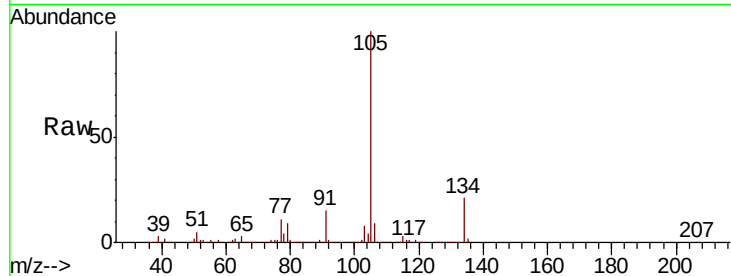
VSTDCCC050

Tot Ion:105 Resp: 1906799

Ion Ratio Lower Upper

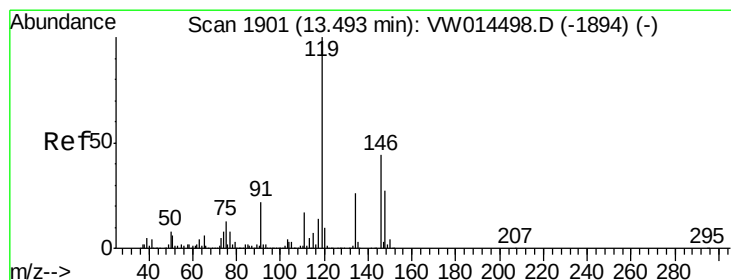
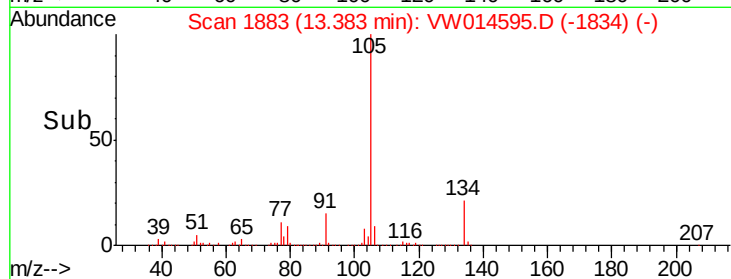
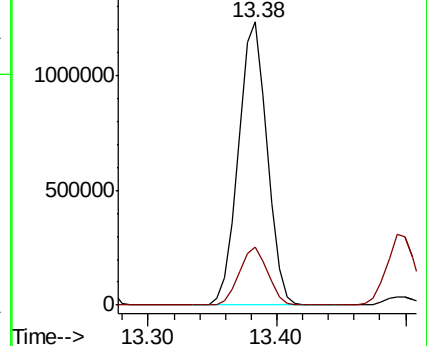
105 100

134 20.4 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 56.370 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. 0.00 min

Lab File: VW014595.D

Acq: 10 Jan 2020 10:16

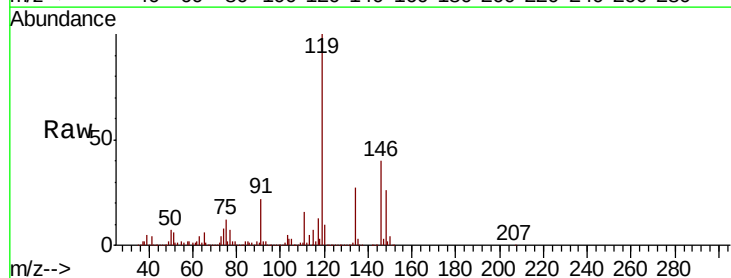
Tgt Ion:119 Resp: 1765739

Ion Ratio Lower Upper

119 100

134 26.6 13.2 39.5

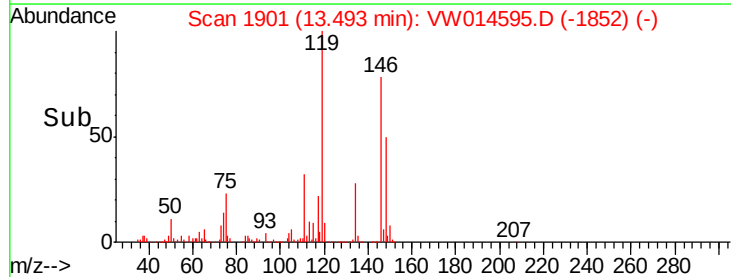
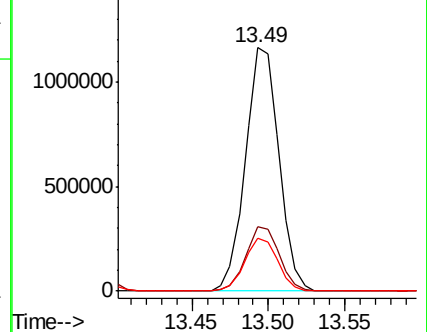
91 21.6 11.1 33.3

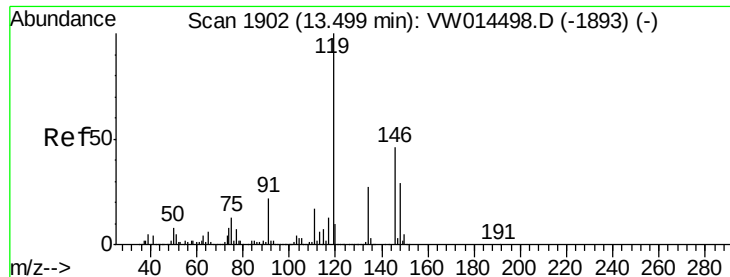


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 53.147 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

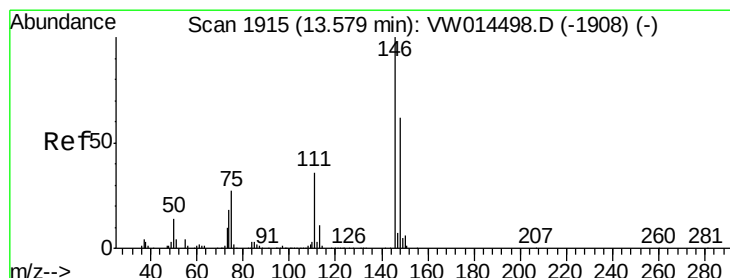
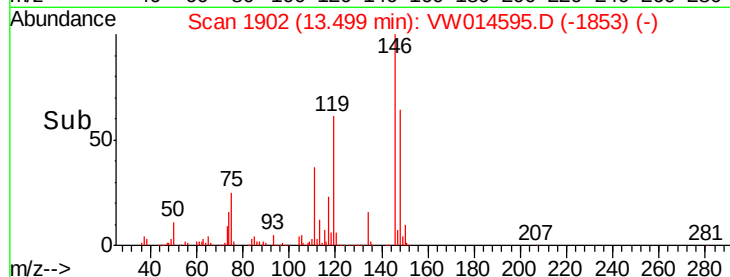
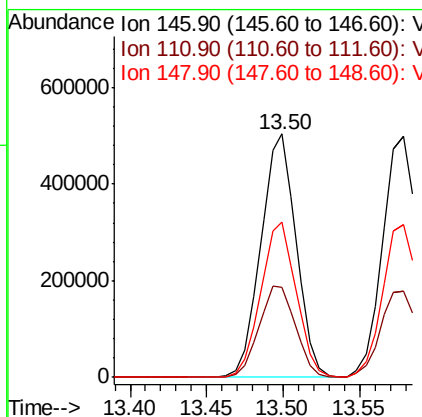
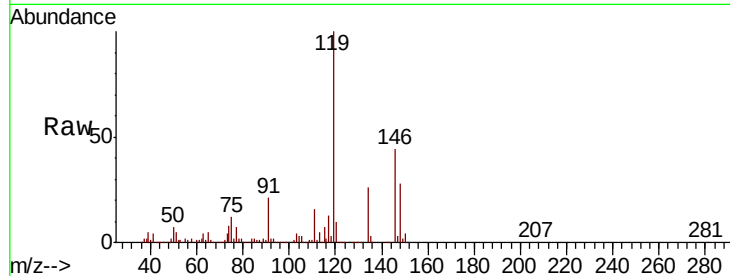
Lab File: VW014595.D

Acq: 10 Jan 2020 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:146 Resp: 810674

Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.3	57.9
148	64.0	31.8	95.4



#88

1,4-Dichlorobenzene

Concen: 53.137 ug/l

RT: 13.58 min Scan# 1915

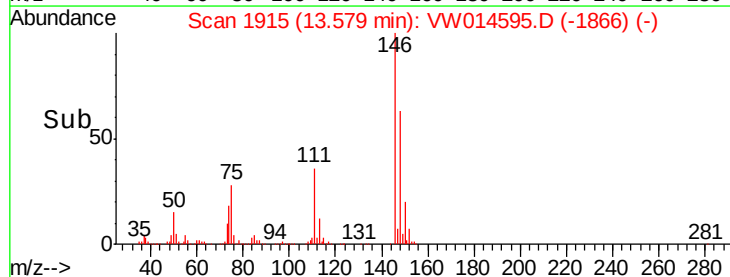
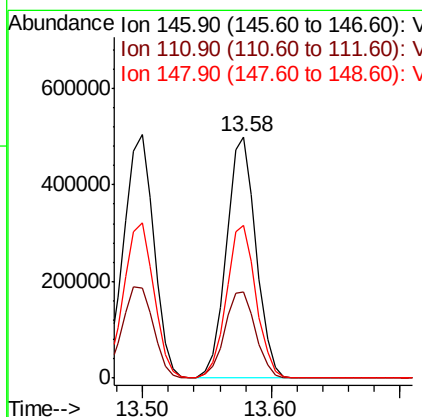
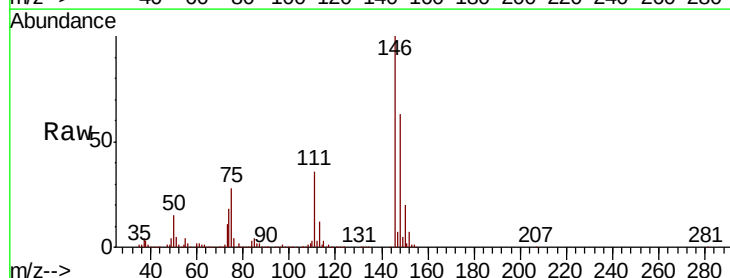
Delta R.T. -0.00 min

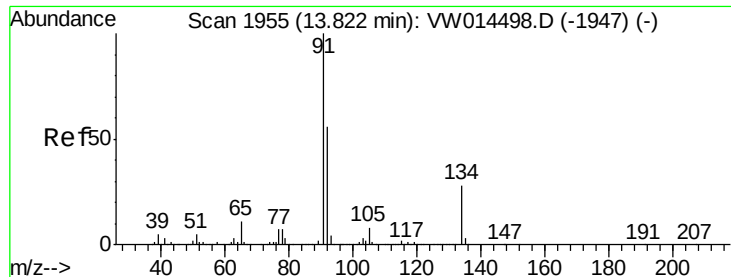
Lab File: VW014595.D

Acq: 10 Jan 2020 10:16

Tgt Ion:146 Resp: 800187

Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.7	56.1
148	63.4	31.7	95.1





#89

n-Butylbenzene

Concen: 56.828 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW014595.D

Acq: 10 Jan 2020 10:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

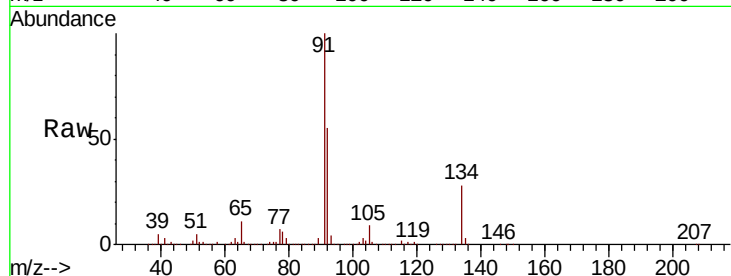
Tot Ion: 91 Resp: 1653045

Ion Ratio Lower Upper

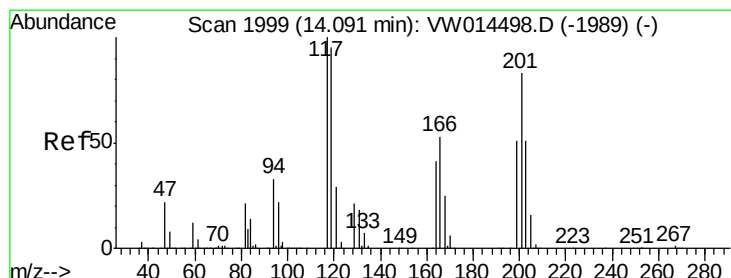
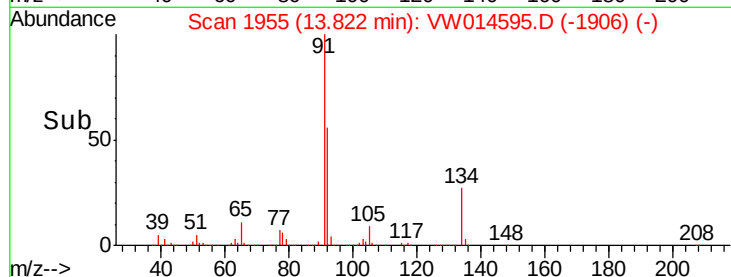
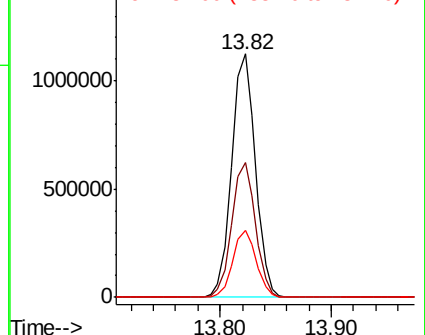
91 100

92 55.4 27.5 82.5

134 27.1 13.7 41.1



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 55.368 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW014595.D

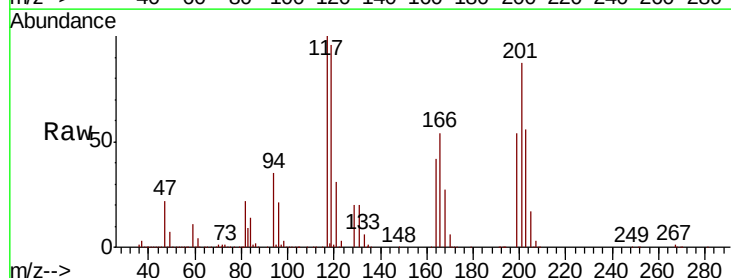
Acq: 10 Jan 2020 10:16

Tgt Ion: 117 Resp: 302979

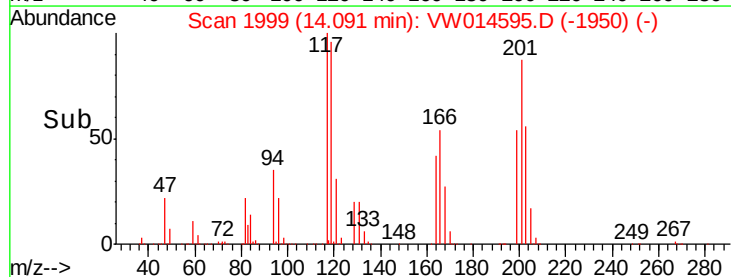
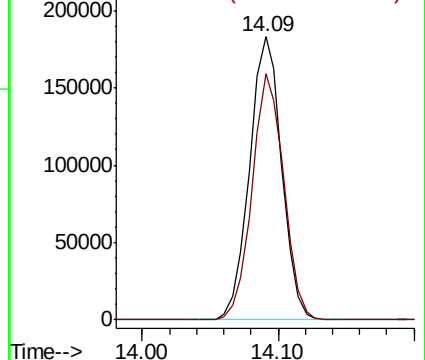
Ion Ratio Lower Upper

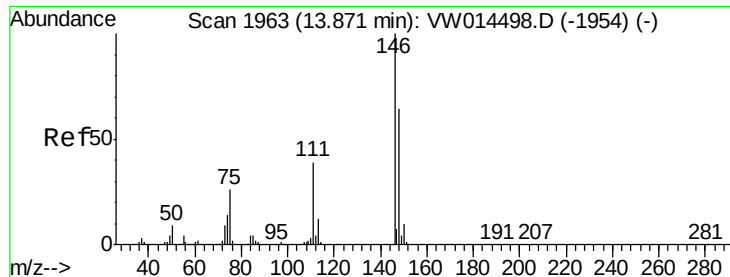
117 100

201 85.6 43.0 128.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

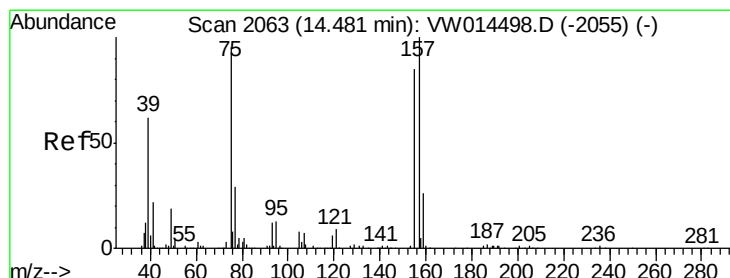
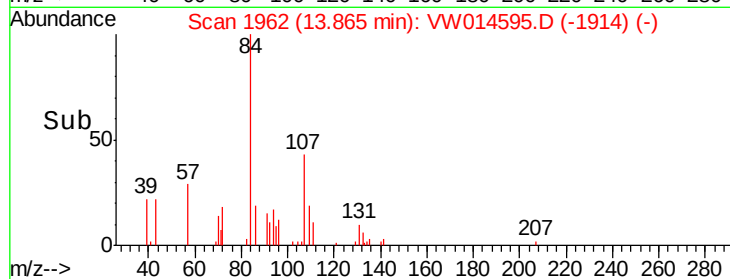
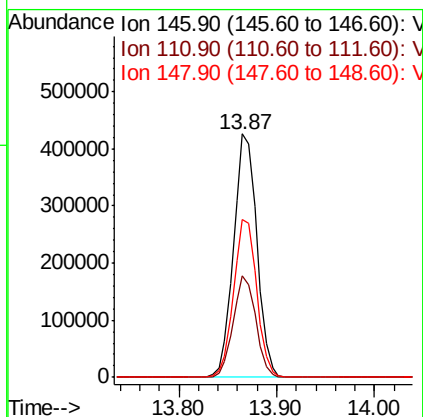
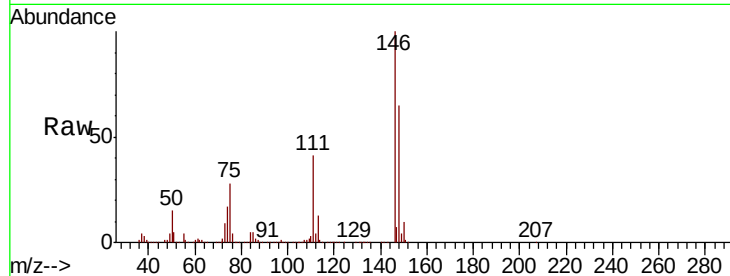




#91
 1,2-Dichlorobenzene
 Concen: 52.549 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW014595.D
 Acq: 10 Jan 2020 10:16

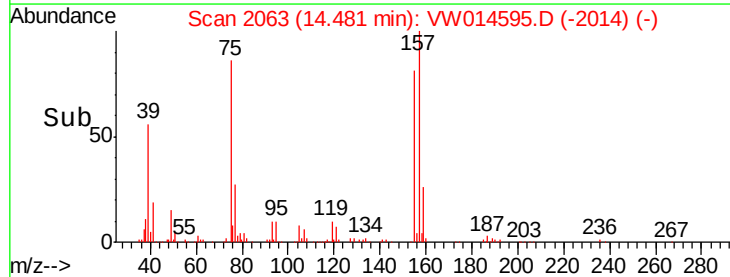
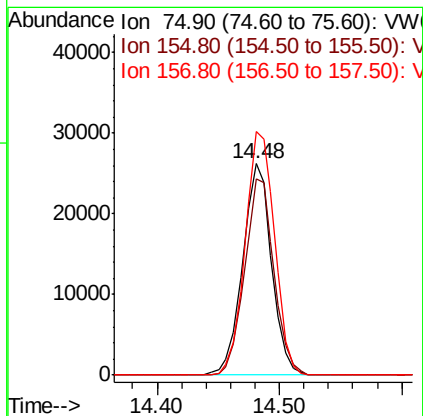
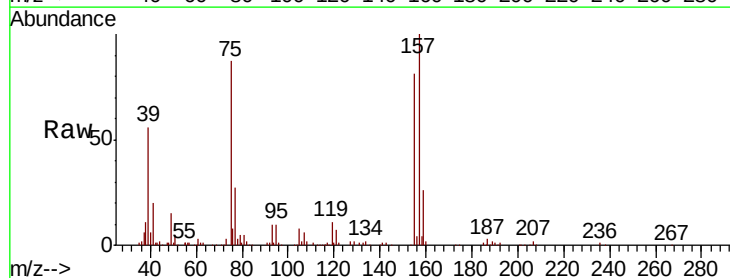
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

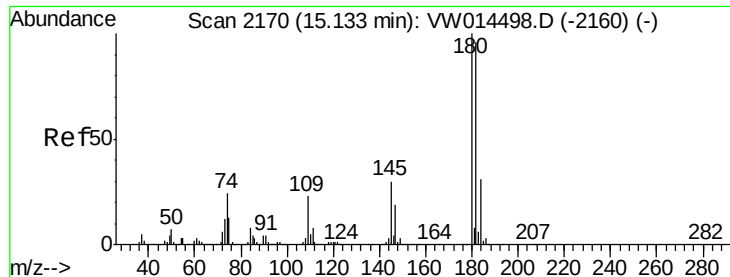
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.4	61.3
148	64.4	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.493 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW014595.D
 Acq: 10 Jan 2020 10:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.1	45.8	137.4
157	117.7	58.1	174.2

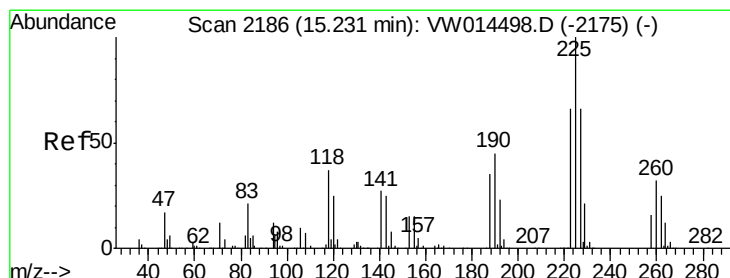
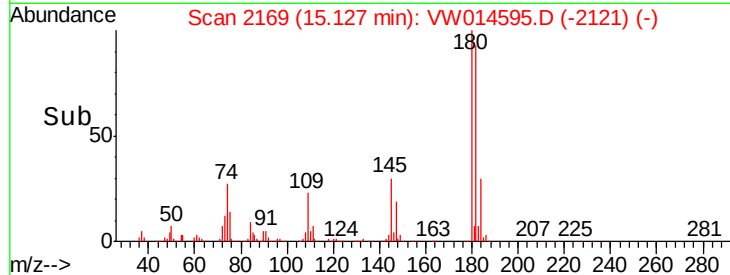
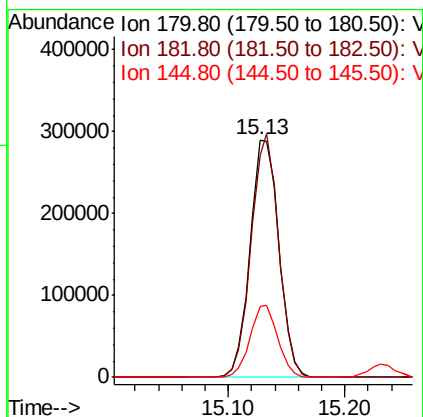
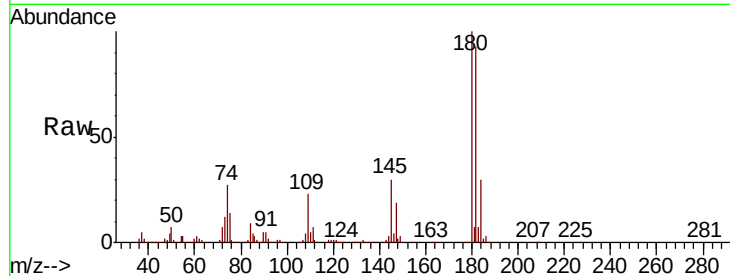




#93
 1,2,4-Trichlorobenzene
 Concen: 55.573 ug/l
 RT: 15.13 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: VW014595.D
 Acq: 10 Jan 2020 10:16

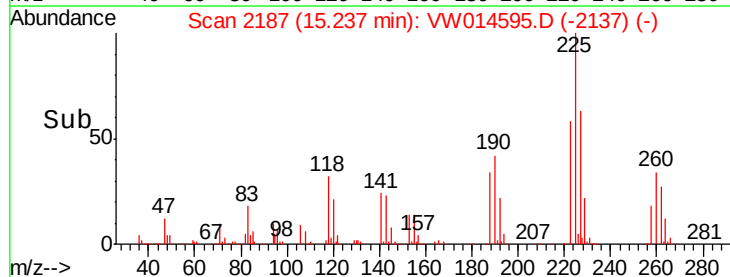
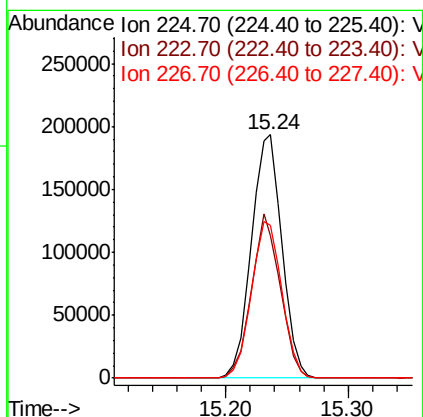
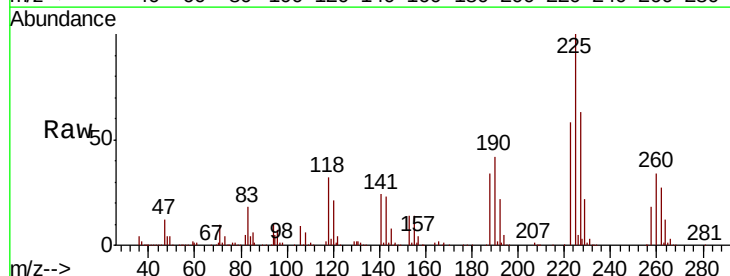
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

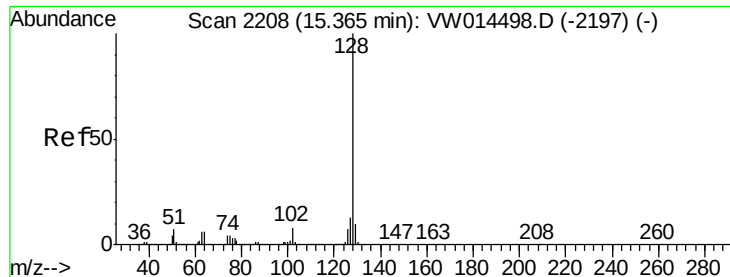
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.3	47.3	141.8
145	29.2	14.7	44.1



#94
 Hexachlorobutadiene
 Concen: 55.390 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.01 min
 Lab File: VW014595.D
 Acq: 10 Jan 2020 10:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	32.4	97.2
227	64.3	32.6	97.8

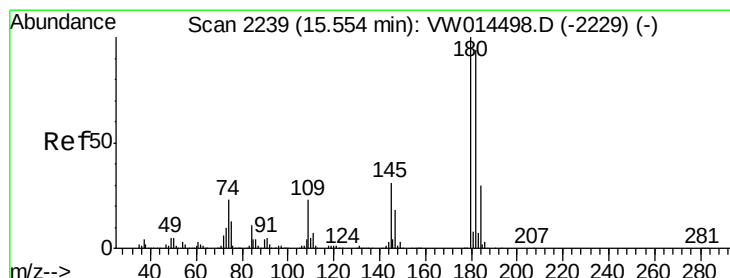
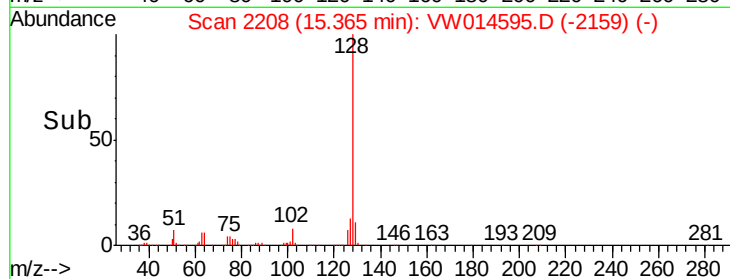
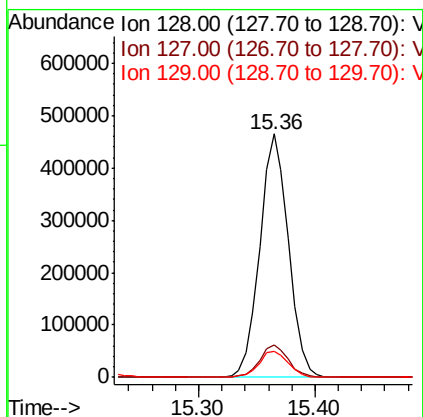
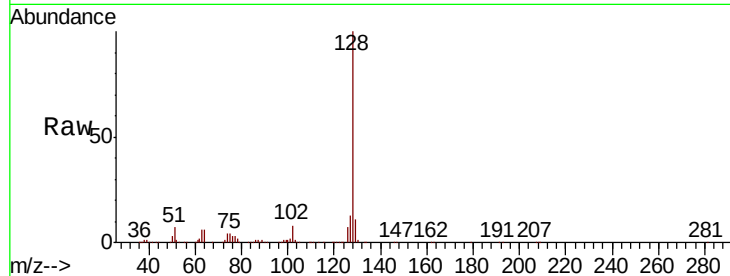




#95
Naphthalene
Concen: 51.523 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW014595.D
Acq: 10 Jan 2020 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 795534
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 54.149 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW014595.D
Acq: 10 Jan 2020 10:16

Tgt Ion:180 Resp: 427315
Ion Ratio Lower Upper
180 100
182 96.6 47.4 142.2
145 30.5 15.5 46.5

