

Data File : VW012742.D
Acq On : 08 Sep 2019 01:56
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Quant Time: Sep 08 05:17:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	219525	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	338529	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	306603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	148984	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	145141	59.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.34%	
35) Dibromofluoromethane	7.88	113	108254	53.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.58%	
50) Toluene-d8	10.32	98	422947	53.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.28%	
62) 4-Bromofluorobenzene	12.62	95	154776	54.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.14%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	52939	44.483	ug/l	97
3) Chloromethane	2.21	50	61821	42.743	ug/l	96
4) Vinyl Chloride	2.35	62	76539	43.160	ug/l	99
5) Bromomethane	2.78	94	47554	49.382	ug/l	98
6) Chloroethane	2.92	64	48591	45.917	ug/l	94
7) Trichlorofluoromethane	3.25	101	49405	40.371	ug/l	95
8) Diethyl Ether	3.68	74	49596	48.220	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	84221	43.855	ug/l	98
10) Methyl Iodide	4.27	142	116442	48.164	ug/l	98
11) Tert butyl alcohol	5.21	59	52694	280.785	ug/l	97
12) 1,1-Dichloroethene	4.04	96	80319	44.304	ug/l	98
13) Acrolein	3.89	56	34489	173.182	ug/l	100
14) Allyl chloride	4.67	41	178975	47.724	ug/l	99
15) Acrylonitrile	5.37	53	166722	277.525	ug/l	99
16) Acetone	4.14	43	128471	192.124	ug/l	94
17) Carbon Disulfide	4.38	76	169280	43.990	ug/l	100
18) Methyl Acetate	4.67	43	88019	56.104	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	211142	58.726	ug/l	99
20) Methylene Chloride	4.92	84	106428	50.874	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	97906	52.928	ug/l	96
22) Diisopropyl ether	6.31	45	424162	57.026	ug/l	97
23) Vinyl Acetate	6.25	43	1321585	280.364	ug/l	100
24) 1,1-Dichloroethane	6.21	63	221468	55.299	ug/l	99
25) 2-Butanone	7.17	43	226039	231.186	ug/l	99
26) 2,2-Dichloropropane	7.16	77	116908	46.218	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	118538	55.267	ug/l	98
28) Bromochloromethane	7.51	49	108634	59.074	ug/l #	98
29) Tetrahydrofuran	7.53	42	146601	271.487	ug/l	98
30) Chloroform	7.67	83	224732	56.620	ug/l	98
31) Cyclohexane	7.95	56	162810	45.156	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	173510	53.929	ug/l	100
36) 1,1-Dichloropropene	8.08	75	152860	50.819	ug/l	99
37) Ethyl Acetate	7.25	43	98798	51.525	ug/l	99
38) Carbon Tetrachloride	8.07	117	154841	52.222	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	158314	46.862	ug/l	98
40) Benzene	8.32	78	445820	53.420	ug/l	98
41) Methacrylonitrile	7.48	41	63102	48.534	ug/l	98
42) 1,2-Dichloroethane	8.40	62	165687	56.412	ug/l	100
43) Isopropyl Acetate	8.42	43	204044	56.168	ug/l	99
44) Trichloroethene	9.09	130	110571	51.399	ug/l	98
45) 1,2-Dichloropropane	9.37	63	124384	53.738	ug/l	99
46) Dibromomethane	9.46	93	61845	56.424	ug/l	98
47) Bromodichloromethane	9.64	83	169977	56.367	ug/l	100
48) Methyl methacrylate	9.43	41	96091	55.350	ug/l	97
49) 1,4-Dioxane	9.46	88	23330	1077.564	ug/l #	75
51) 4-Methyl-2-Pentanone	10.21	43	555351	291.337	ug/l	100
52) Toluene	10.38	92	280438	53.840	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	172190	55.531	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	189529	53.880	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	90767	55.314	ug/l	98
56) Ethyl methacrylate	10.65	69	139119	57.917	ug/l	98
57) 1,3-Dichloropropane	10.93	76	166071	54.705	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	350587	274.928	ug/l	99
59) 2-Hexanone	10.96	43	376336	270.231	ug/l	99
60) Dibromochloromethane	11.13	129	107985	55.954	ug/l	100
61) 1,2-Dibromoethane	11.23	107	84031	55.856	ug/l	98
64) Tetrachloroethene	10.86	164	100382	53.957	ug/l	97
65) Chlorobenzene	11.66	112	301883	52.095	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	119243	55.255	ug/l	100
67) Ethyl Benzene	11.73	91	561167	51.613	ug/l	100
68) m/p-Xylenes	11.83	106	404810	103.149	ug/l	99
69) o-Xylene	12.16	106	199067	53.766	ug/l	98
70) Styrene	12.18	104	355398	54.321	ug/l	99
71) Bromoform	12.35	173	66428	55.404	ug/l #	99
73) Isopropylbenzene	12.46	105	547097	51.200	ug/l	99
74) N-amyl acetate	12.27	43	168843	49.780	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	118064	55.017	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	155530	102.092	ug/l #	100
77) Bromobenzene	12.74	156	131779	54.434	ug/l	99
78) n-propylbenzene	12.80	91	668119	52.279	ug/l	100
79) 2-Chlorotoluene	12.89	91	388971	53.018	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	484264	53.783	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	35831	49.746	ug/l	94
82) 4-Chlorotoluene	12.99	91	415346	53.521	ug/l	100
83) tert-Butylbenzene	13.21	119	399715	50.206	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	479421	52.842	ug/l	99
85) sec-Butylbenzene	13.38	105	564808	51.125	ug/l	100
86) p-Isopropyltoluene	13.50	119	515291	51.064	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	253352	53.243	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	247230	52.214	ug/l	100
89) n-Butylbenzene	13.82	91	496557	50.686	ug/l	99
90) Hexachloroethane	14.09	117	95322	54.110	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	232896	54.378	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	22317	56.827	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090719\
Quantitation Report (Not Reviewed)

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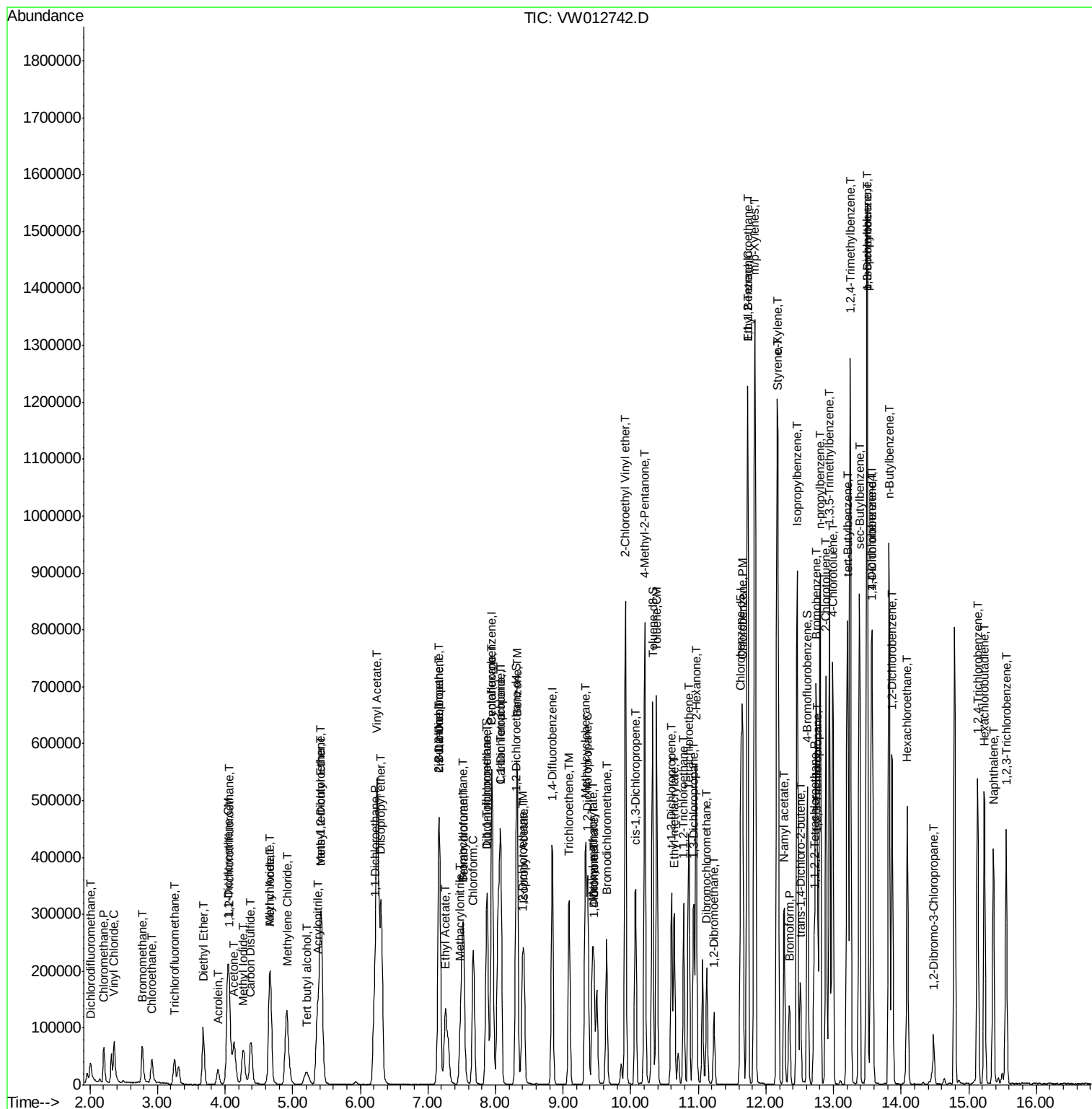
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	168295	56.440	ug/l	99
94) Hexachlorobutadiene	15.24	225	105493	51.113	ug/l	99
95) Naphthalene	15.36	128	332049	52.846	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	152464	57.926	ug/l	100

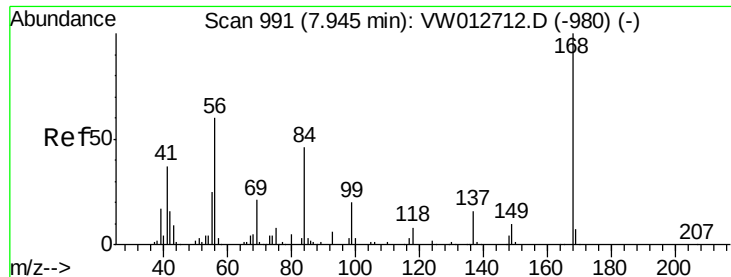
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012742.D

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Instrument :

MSVOA_W

ClientSampleId :

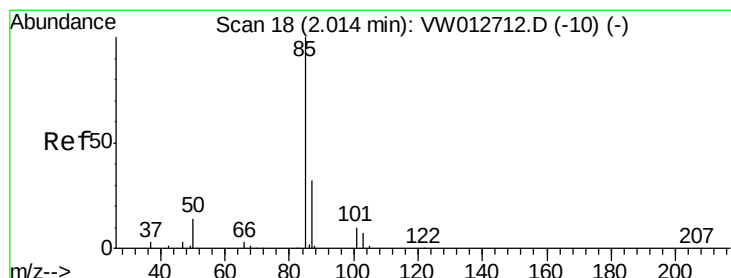
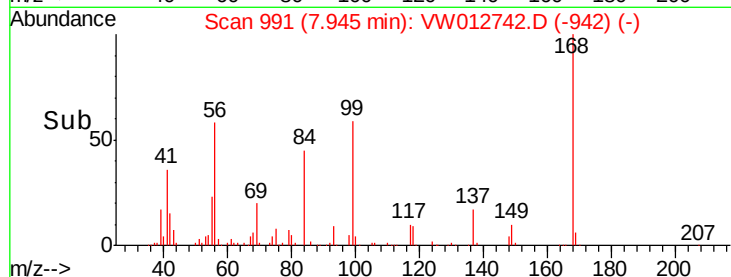
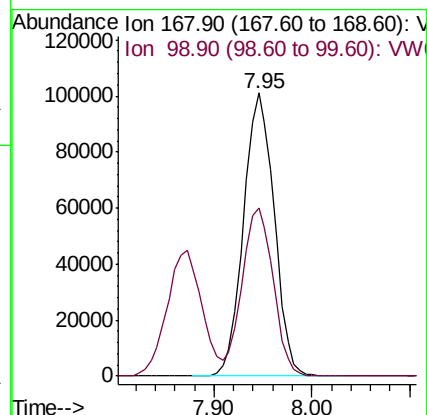
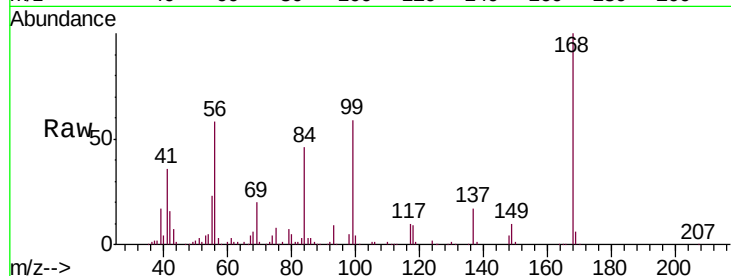
VSTDCCC050

Tgt Ion:168 Resp: 219525

Ion Ratio Lower Upper

168 100

99 59.4 47.8 71.6



#2

Dichlorodifluoromethane

Concen: 44.483 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW012742.D

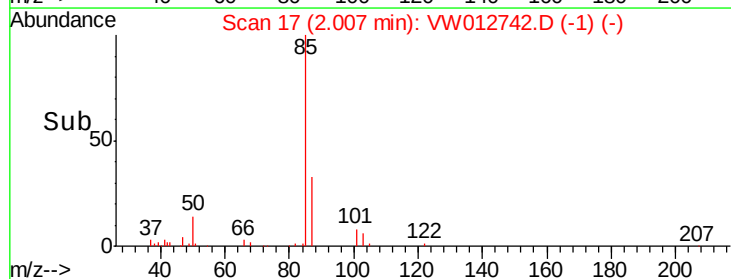
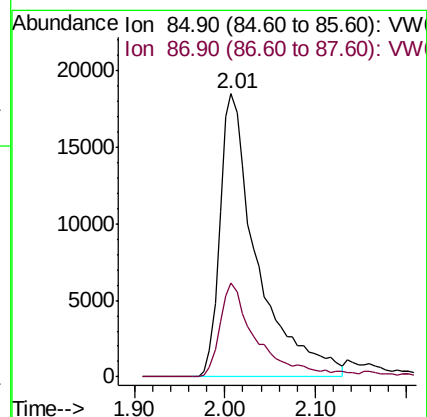
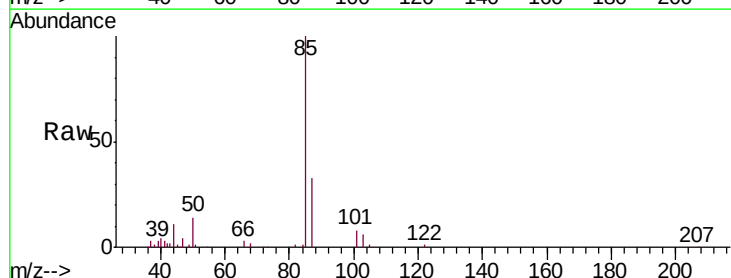
Acq: 08 Sep 2019 01:56

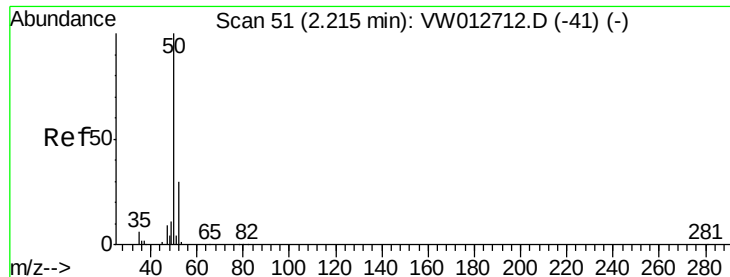
Tgt Ion: 85 Resp: 52939

Ion Ratio Lower Upper

85 100

87 33.4 15.8 47.4





#3

Chloromethane

Concen: 42.743 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW012742.D

Acq: 08 Sep 2019 01:56

Instrument :

MSVOA_W

ClientSampleId :

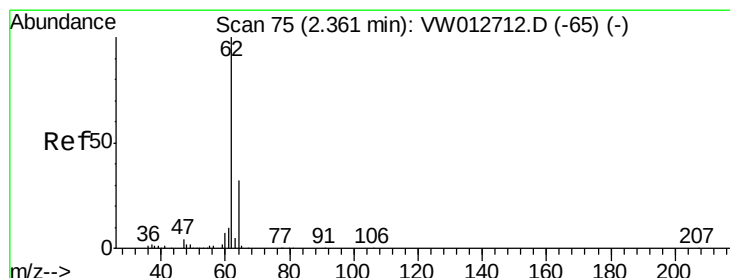
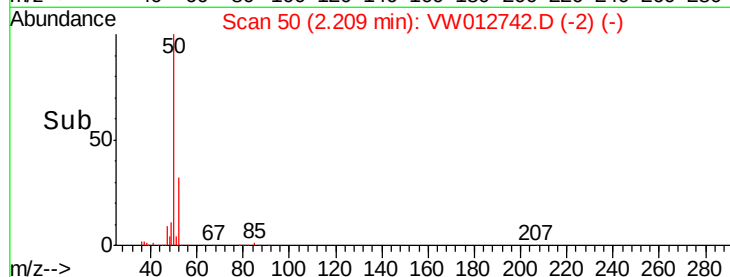
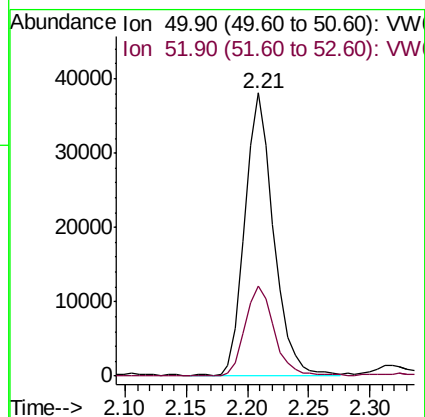
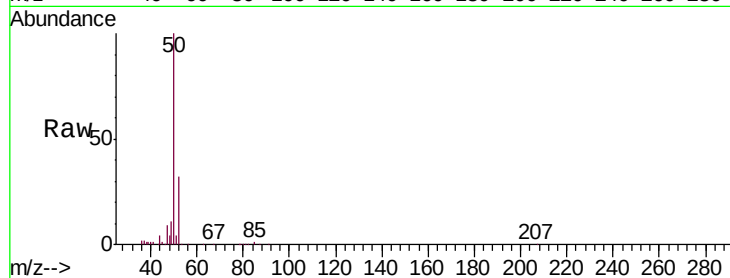
VSTDCCC050

Tgt Ion: 50 Resp: 61821

Ion Ratio Lower Upper

50 100

52 32.1 24.2 36.2



#4

Vinyl Chloride

Concen: 43.160 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012742.D

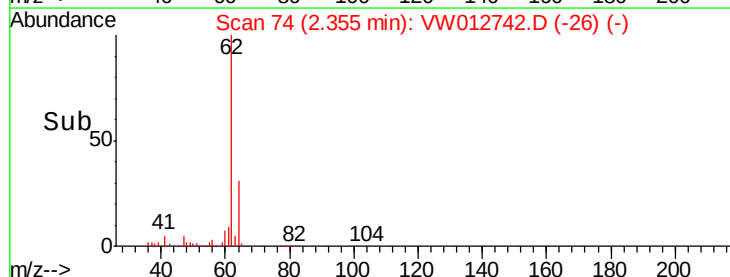
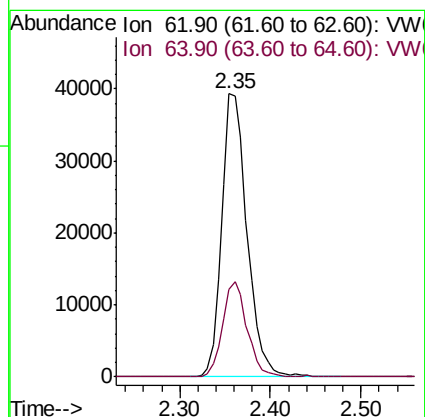
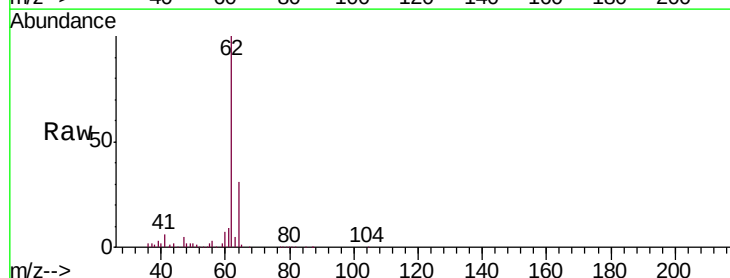
Acq: 08 Sep 2019 01:56

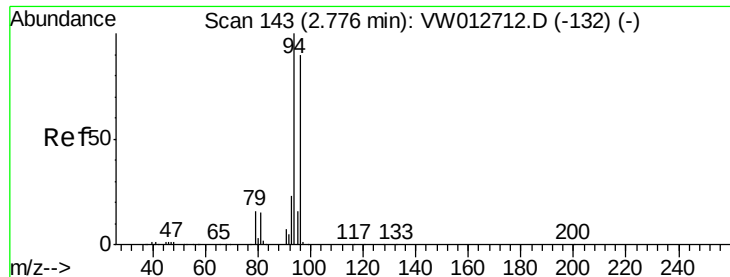
Tgt Ion: 62 Resp: 76539

Ion Ratio Lower Upper

62 100

64 31.1 25.3 37.9





#5

Bromomethane

Concen: 49.382 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW012742.D

Acq: 08 Sep 2019 01:56

Instrument :

MSVOA_W

ClientSampleId :

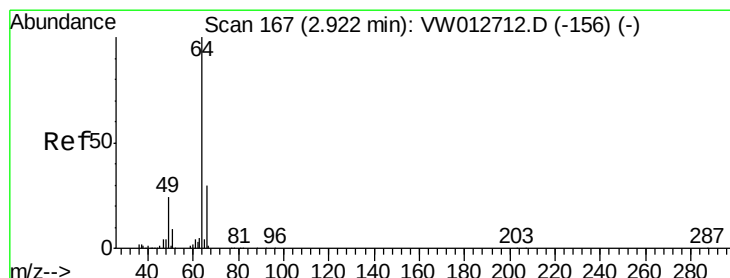
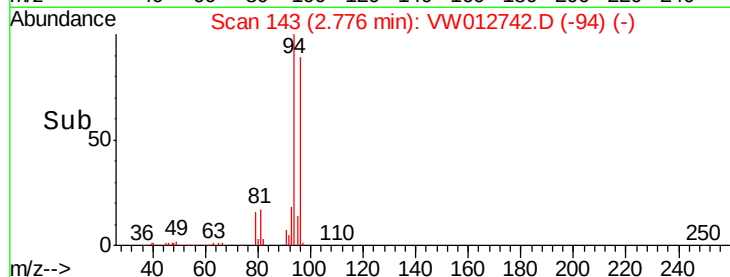
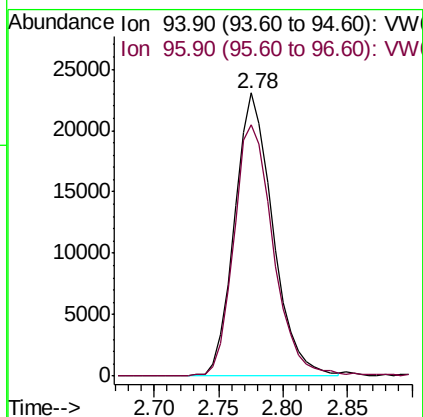
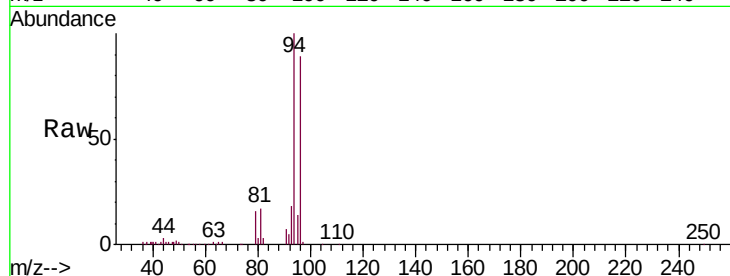
VSTDCCC050

Tgt Ion: 94 Resp: 47554

Ion Ratio Lower Upper

94 100

96 88.7 72.1 108.1



#6

Chloroethane

Concen: 45.917 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW012742.D

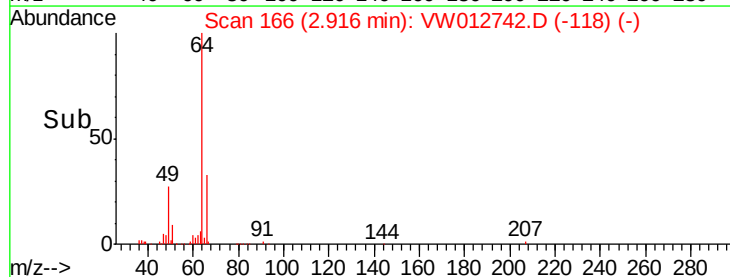
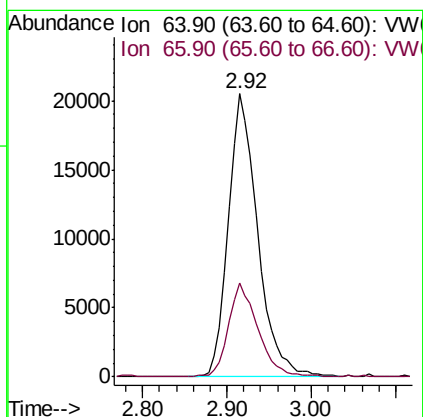
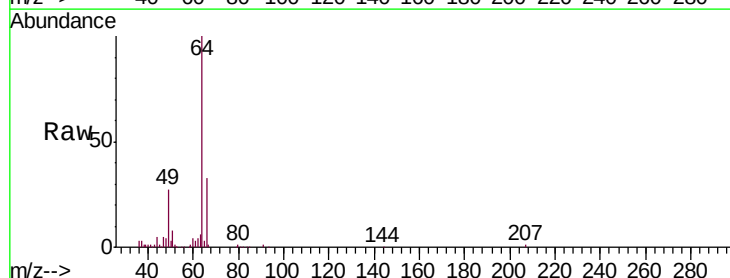
Acq: 08 Sep 2019 01:56

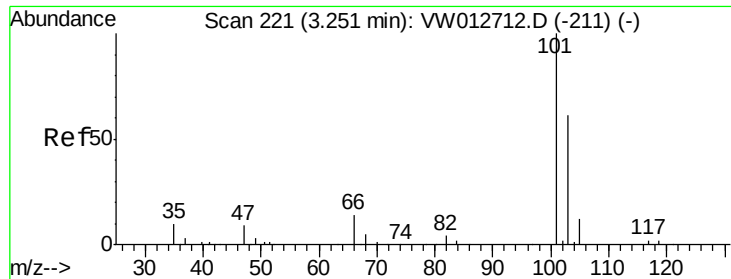
Tgt Ion: 64 Resp: 48591

Ion Ratio Lower Upper

64 100

66 33.2 23.8 35.6



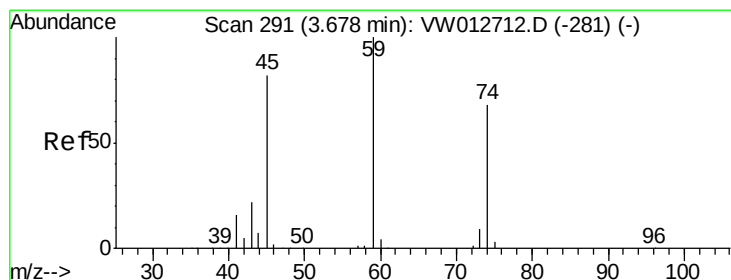
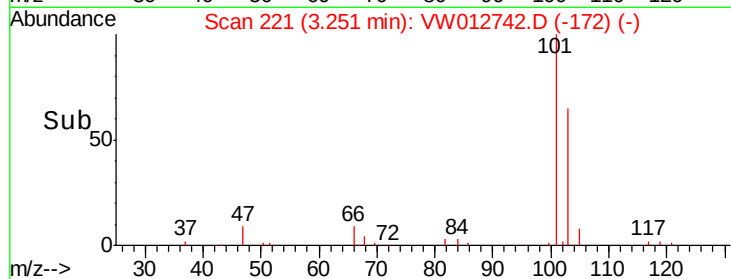
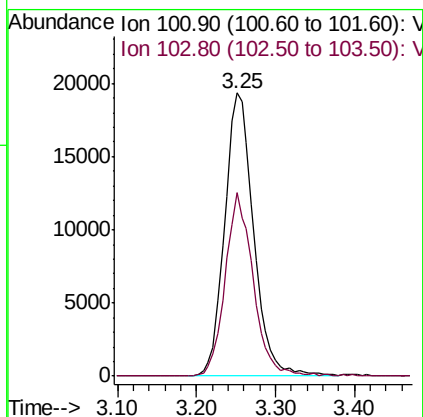
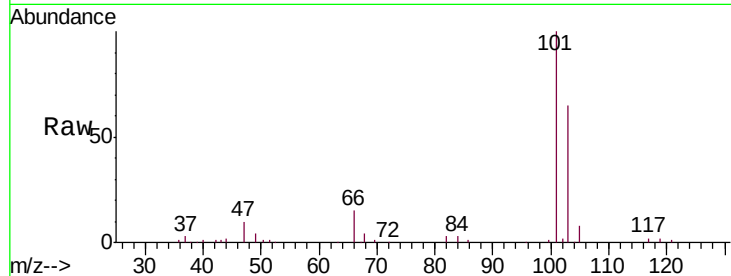


#7

Trichlorofluoromethane
 Concen: 40.371 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
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 VSTDCCC050

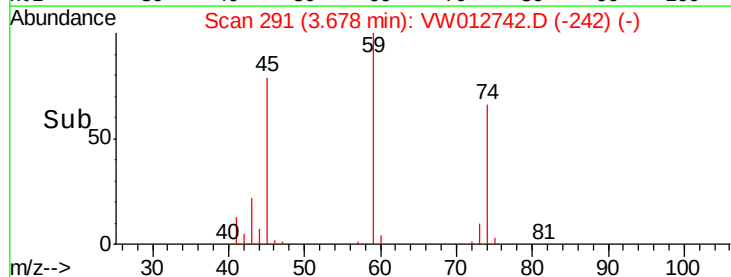
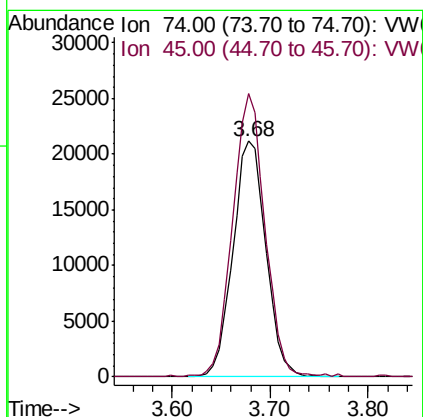
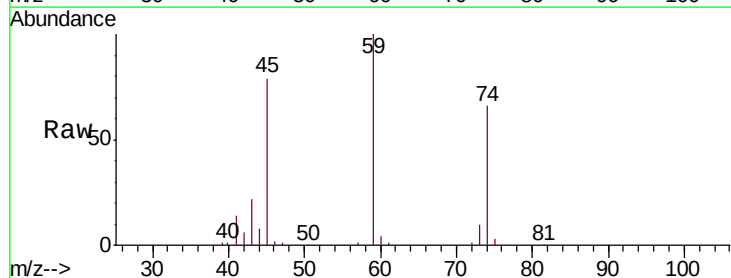
Tgt Ion: 101 Resp: 49405
 Ion Ratio Lower Upper
 101 100
 103 64.6 49.0 73.4

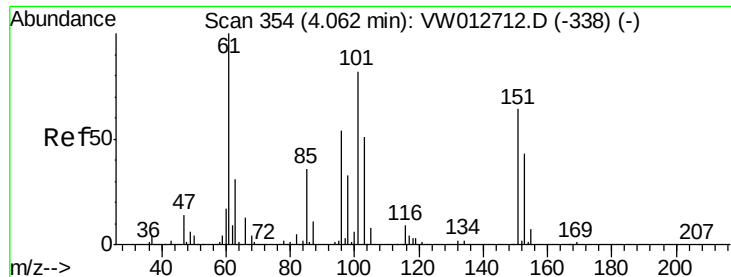


#8

Diethyl Ether
 Concen: 48.220 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012742.D
 Acq: 08 Sep 2019 01:56

Tgt Ion: 74 Resp: 49596
 Ion Ratio Lower Upper
 74 100
 45 117.6 58.8 176.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.855 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW012742.D

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MSVOA_W

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VSTDCCC050

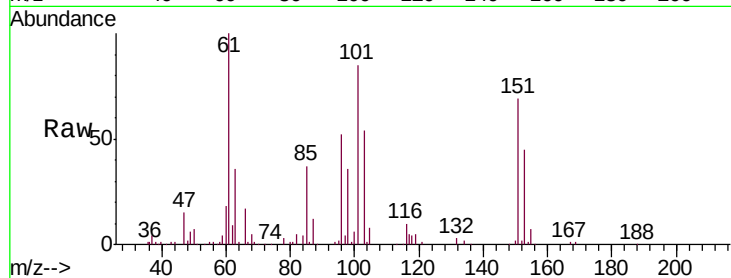
Tgt Ion:101 Resp: 84221

Ion Ratio Lower Upper

101 100

85 45.7 36.2 54.2

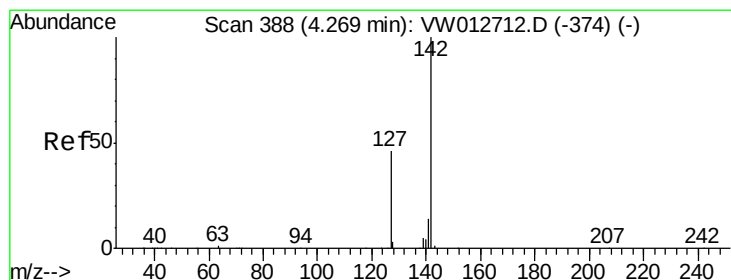
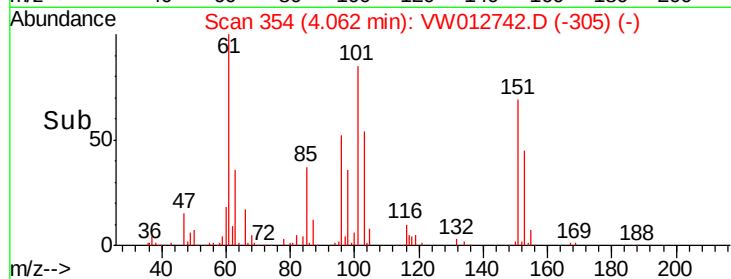
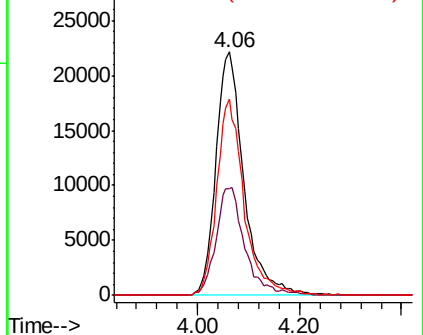
151 79.1 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.164 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW012742.D

Acq: 08 Sep 2019 01:56

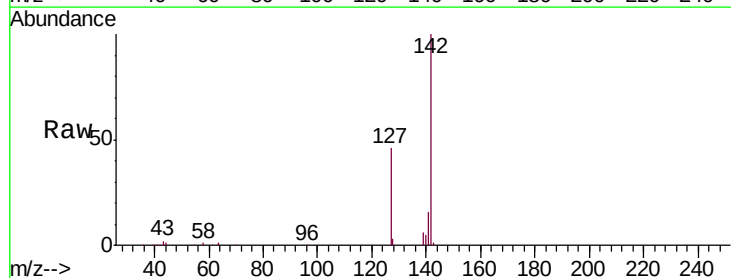
Tgt Ion:142 Resp: 116442

Ion Ratio Lower Upper

142 100

127 46.3 36.0 54.0

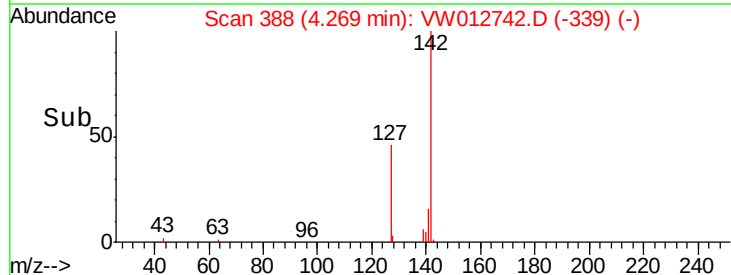
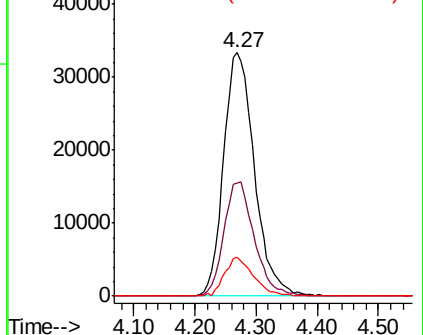
141 14.9 12.2 18.4

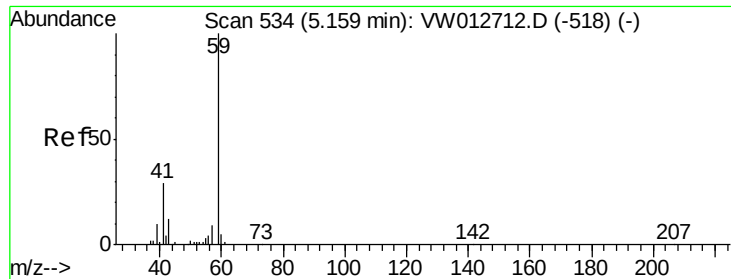


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 280.785 ug/l

RT: 5.21 min Scan# 542

Delta R.T. 0.05 min

Lab File: VW012742.D

Acq: 08 Sep 2019 01:56

Instrument :

MSVOA_W

ClientSampleId :

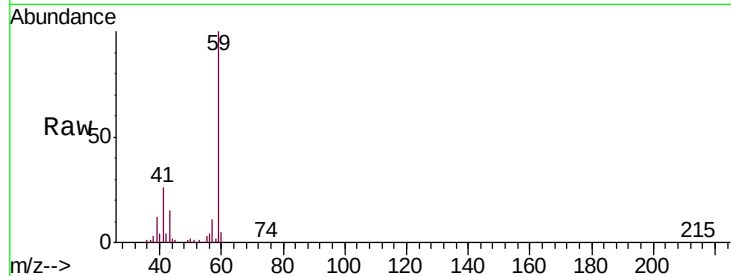
VSTDCCC050

Tgt Ion: 59 Resp: 52694

Ion Ratio Lower Upper

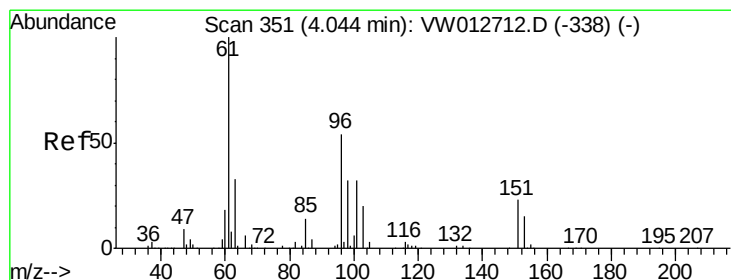
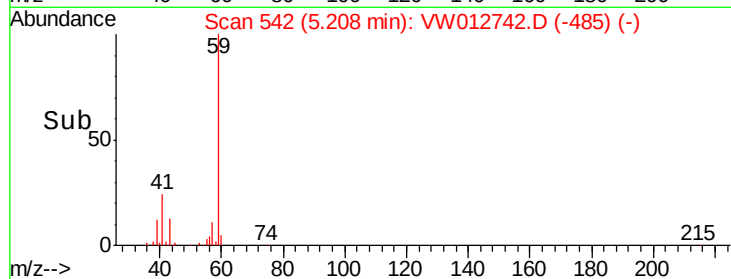
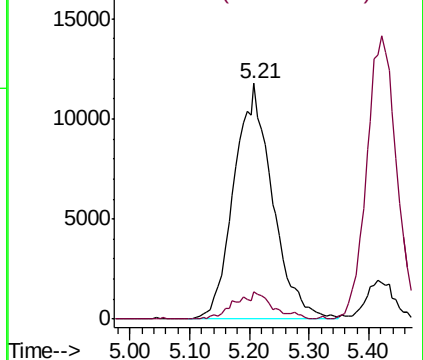
59 100

57 11.4 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



#12

1,1-Dichloroethene

Concen: 44.304 ug/l

RT: 4.04 min Scan# 350

Delta R.T. -0.01 min

Lab File: VW012742.D

Acq: 08 Sep 2019 01:56

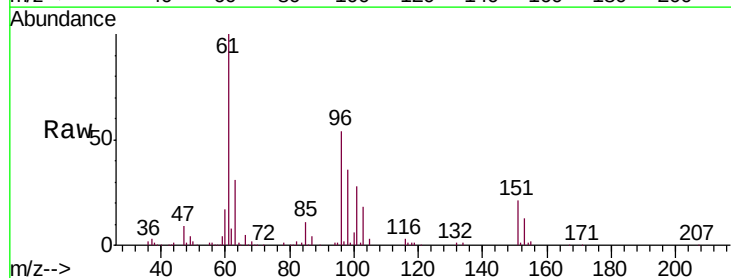
Tgt Ion: 96 Resp: 80319

Ion Ratio Lower Upper

96 100

61 185.0 147.8 221.6

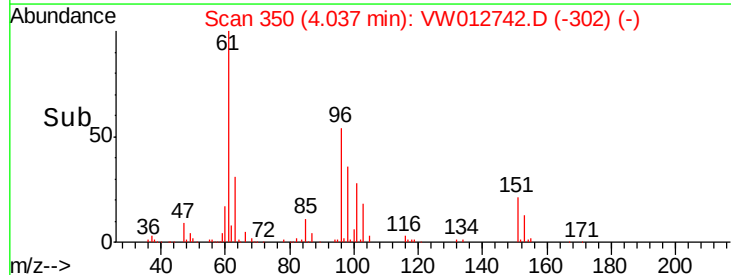
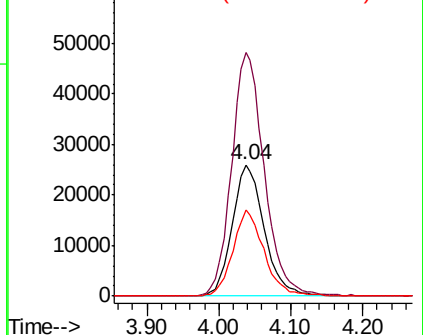
98 65.8 47.9 71.9

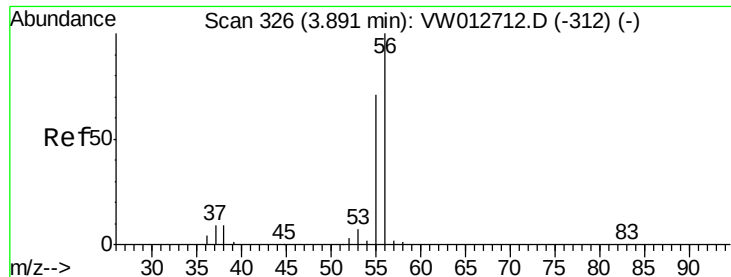


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#13

Acrolein

Concen: 173.182 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012742.D

Acq: 08 Sep 2019 01:56

Instrument :

MSVOA_W

ClientSampleId :

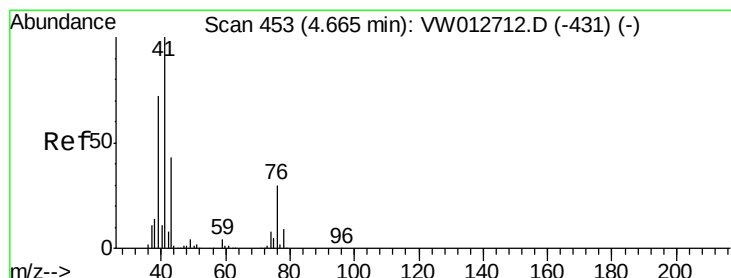
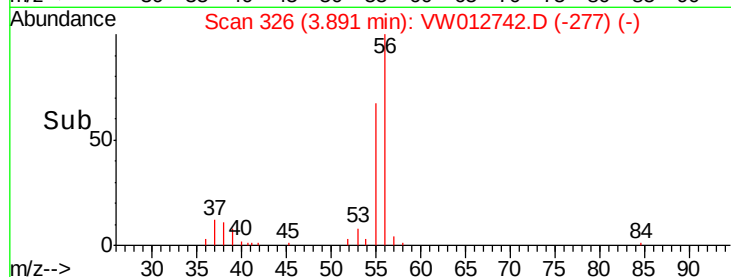
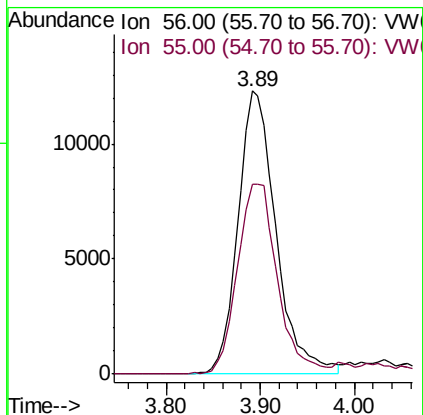
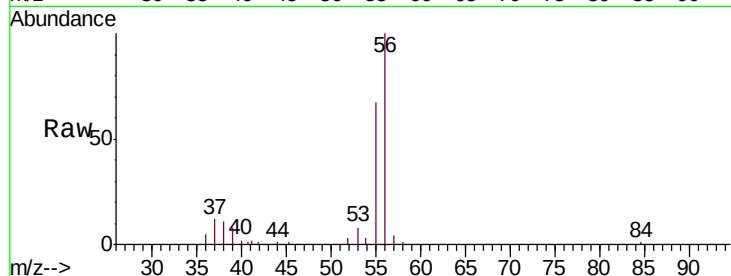
VSTDCCC050

Tgt Ion: 56 Resp: 34489

Ion Ratio Lower Upper

56 100

55 70.7 56.9 85.3



#14

Allyl chloride

Concen: 47.724 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012742.D

Acq: 08 Sep 2019 01:56

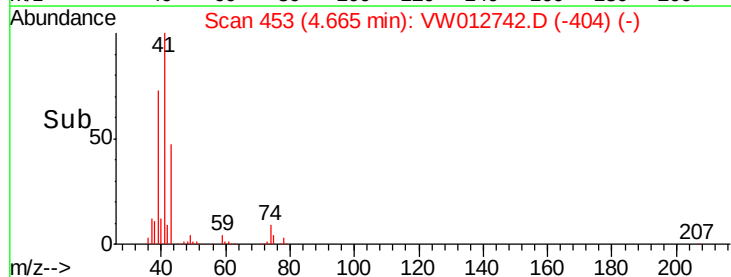
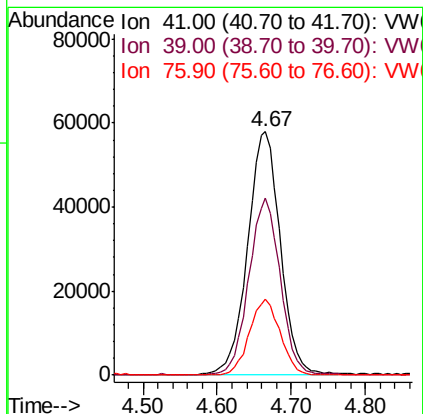
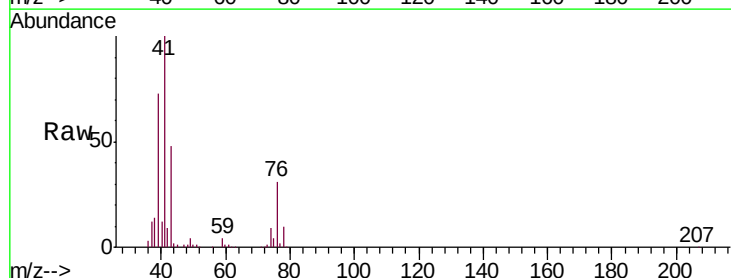
Tgt Ion: 41 Resp: 178975

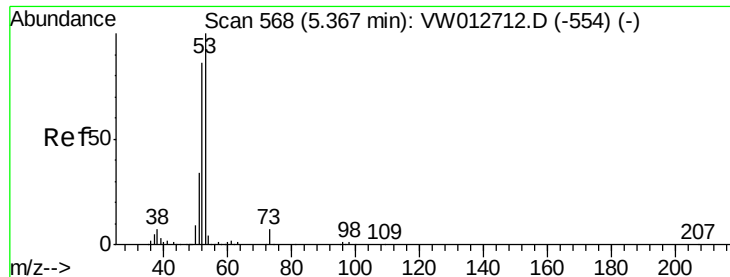
Ion Ratio Lower Upper

41 100

39 70.0 55.0 82.6

76 29.2 23.0 34.4





#15

Acrylonitrile

Concen: 277.525 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012742.D

Acq: 08 Sep 2019 01:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

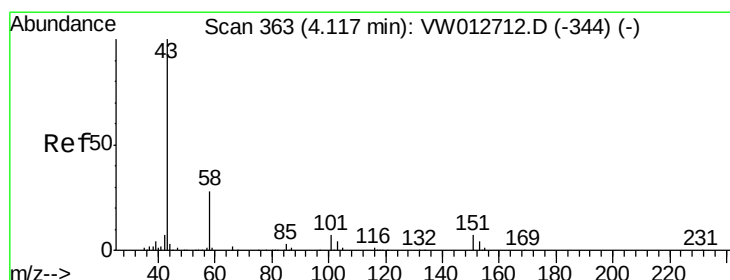
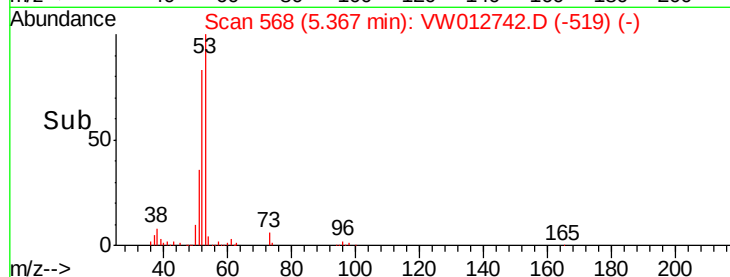
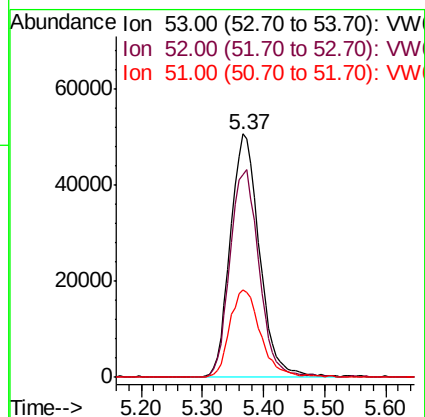
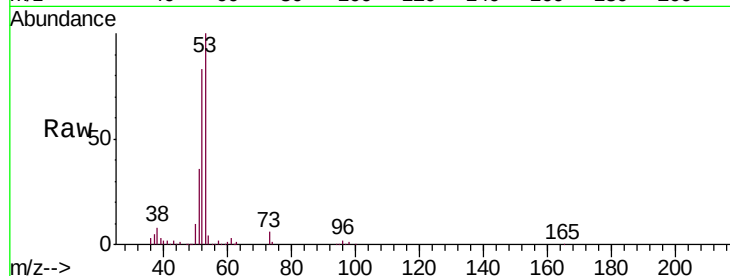
Tgt Ion: 53 Resp: 166722

Ion Ratio Lower Upper

53 100

52 84.6 67.0 100.4

51 37.7 29.8 44.8



#16

Acetone

Concen: 192.124 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW012742.D

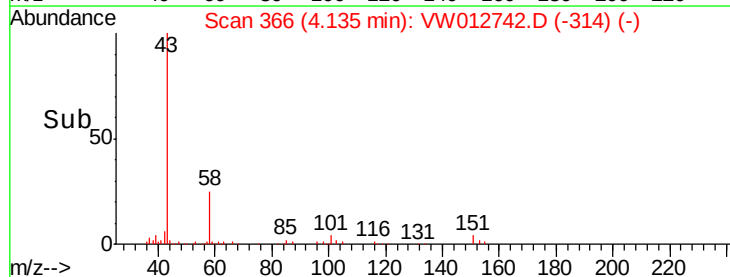
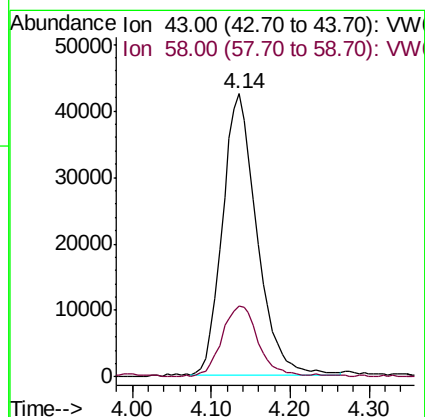
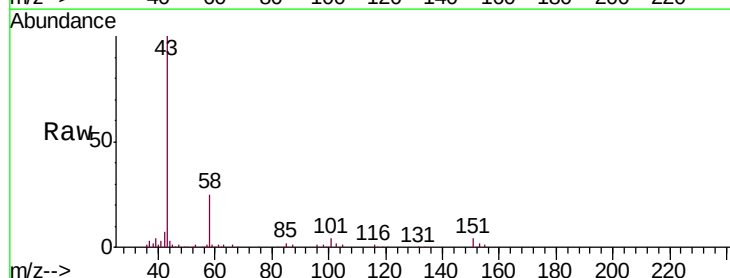
Acq: 08 Sep 2019 01:56

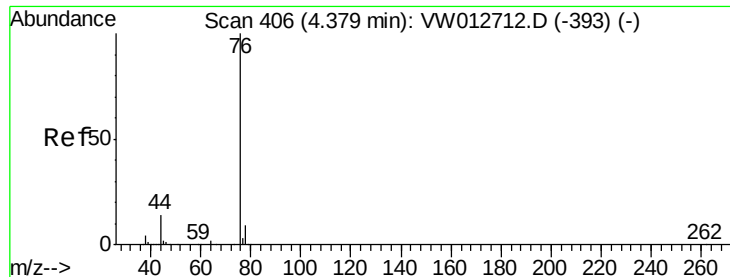
Tgt Ion: 43 Resp: 128471

Ion Ratio Lower Upper

43 100

58 25.1 22.6 33.8

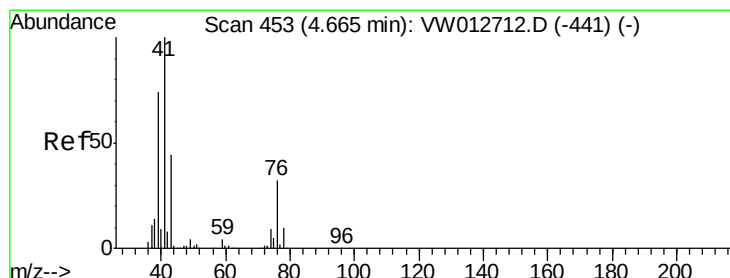
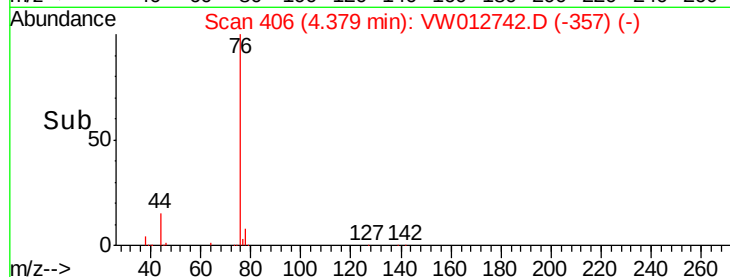
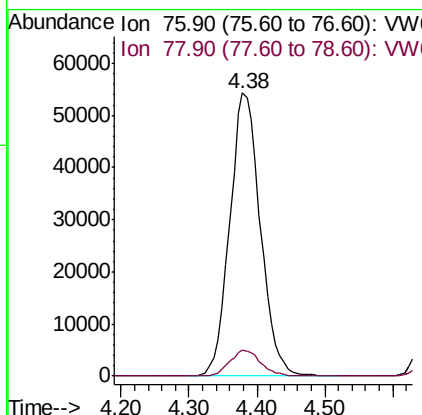
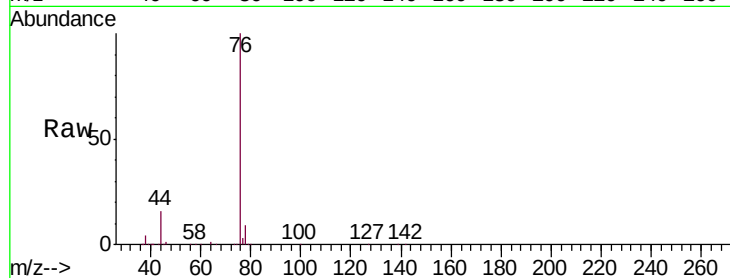




#17
Carbon Disulfide
Concen: 43.990 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW012742.D
Acq: 08 Sep 2019 01:56

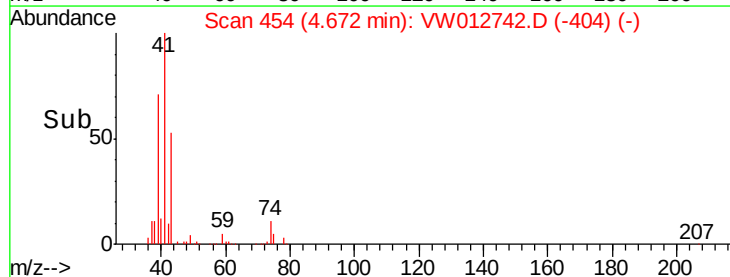
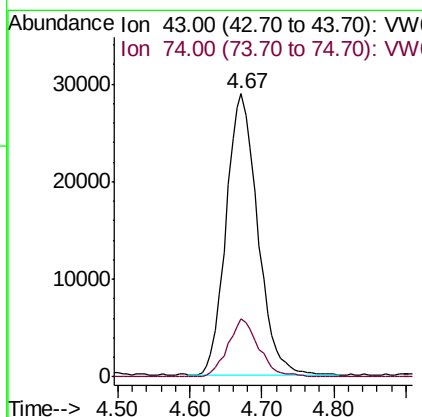
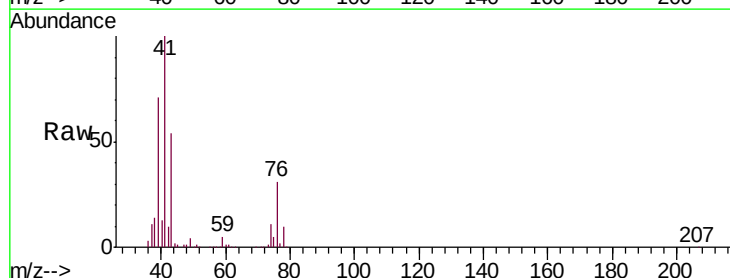
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

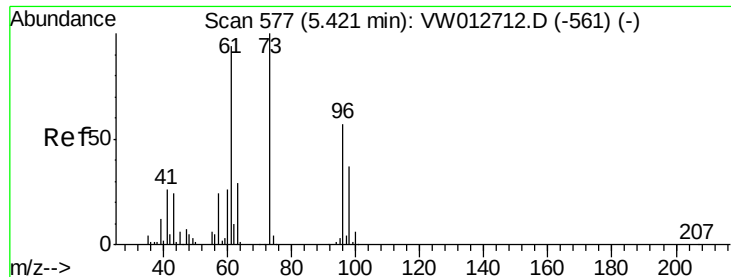
Tgt Ion: 76 Resp: 169280
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 56.104 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW012742.D
Acq: 08 Sep 2019 01:56

Tgt Ion: 43 Resp: 88019
Ion Ratio Lower Upper
43 100
74 20.2 15.8 23.6

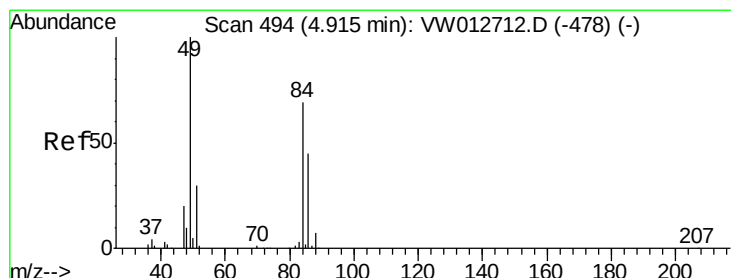
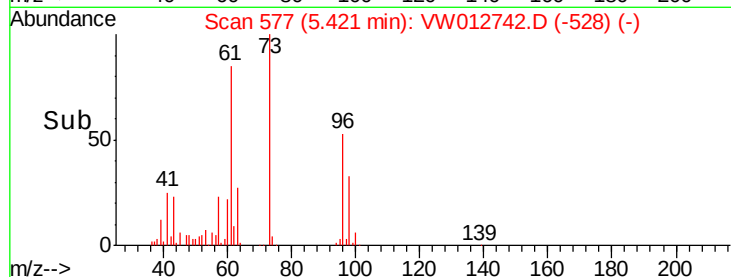
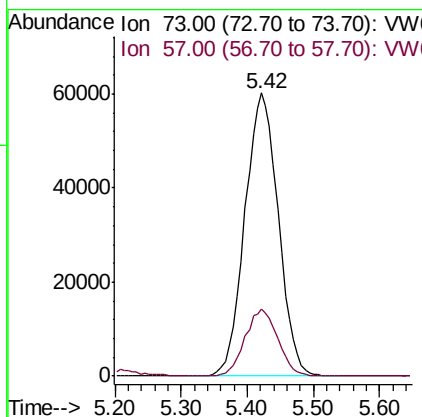
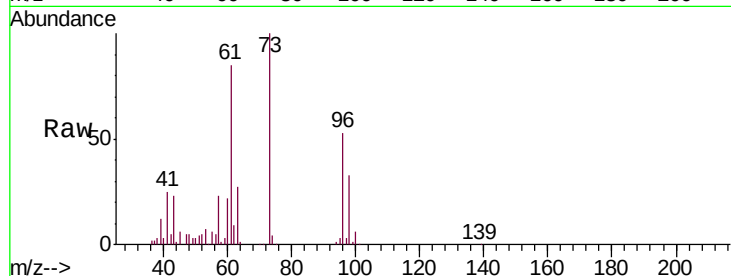




#19
Methyl tert-butyl Ether
Concen: 58.726 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW012742.D
Acq: 08 Sep 2019 01:56

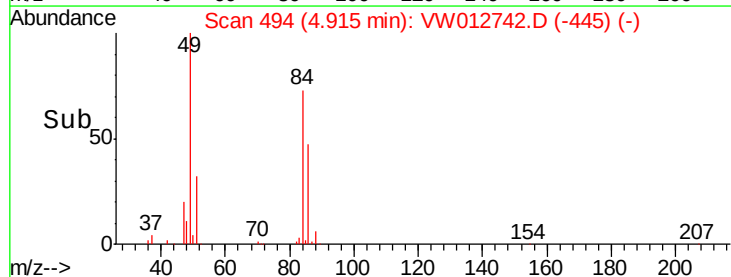
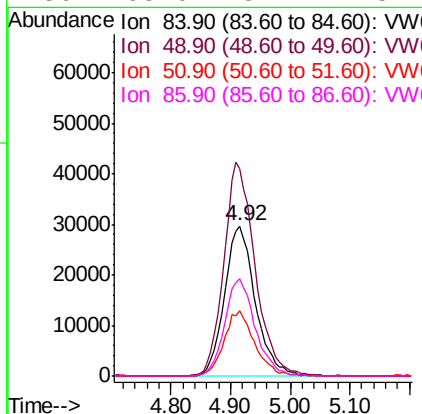
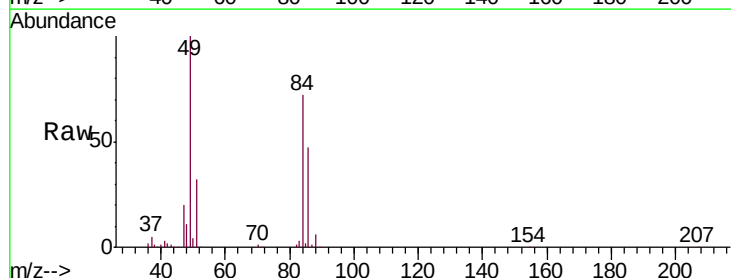
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

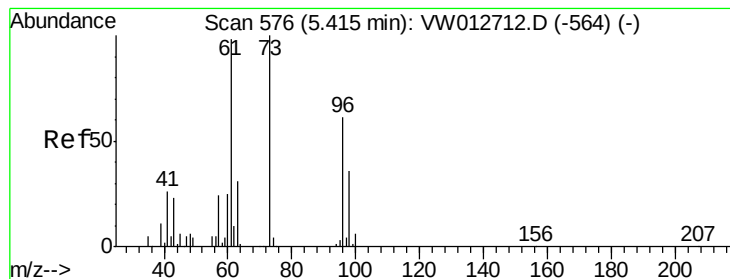
Tgt Ion: 73 Resp: 211142
Ion Ratio Lower Upper
73 100
57 23.5 19.2 28.8



#20
Methylene Chloride
Concen: 50.874 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW012742.D
Acq: 08 Sep 2019 01:56

Tgt Ion: 84 Resp: 106428
Ion Ratio Lower Upper
84 100
49 137.8 115.4 173.0
51 43.6 34.9 52.3
86 65.0 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 52.928 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW012742.D

Acq: 08 Sep 2019 01:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

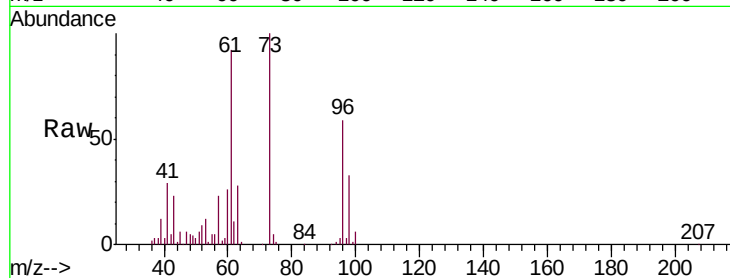
Tgt Ion: 96 Resp: 97906

Ion Ratio Lower Upper

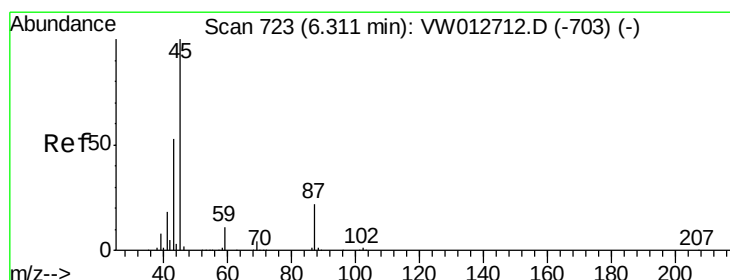
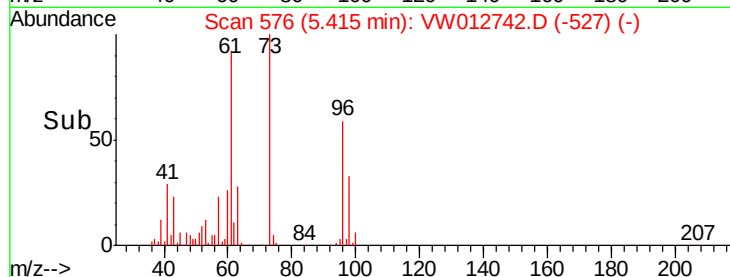
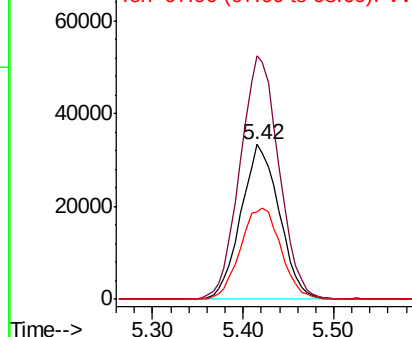
96 100

61 157.0 129.2 193.8

98 56.4 48.0 72.0



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



#22

Diisopropyl ether

Concen: 57.026 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW012742.D

Acq: 08 Sep 2019 01:56

Tgt Ion: 45 Resp: 424162

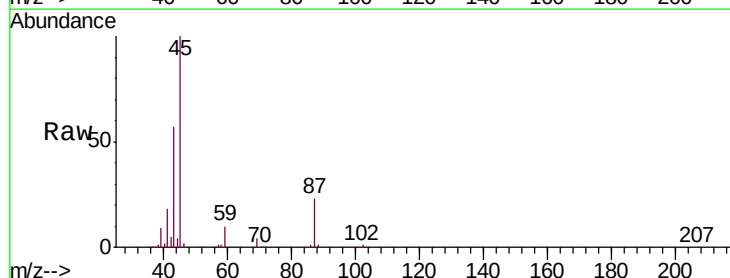
Ion Ratio Lower Upper

45 100

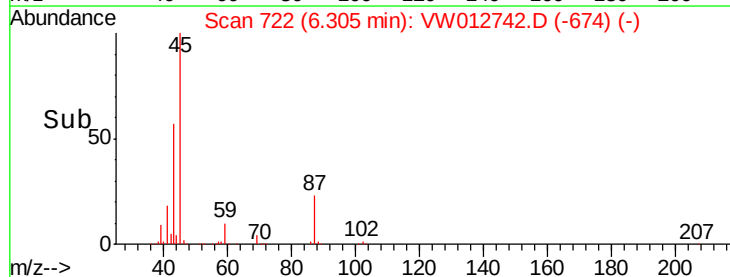
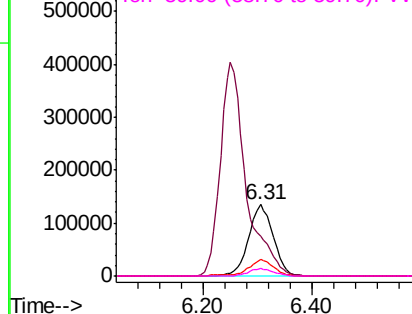
43 56.5 42.3 63.5

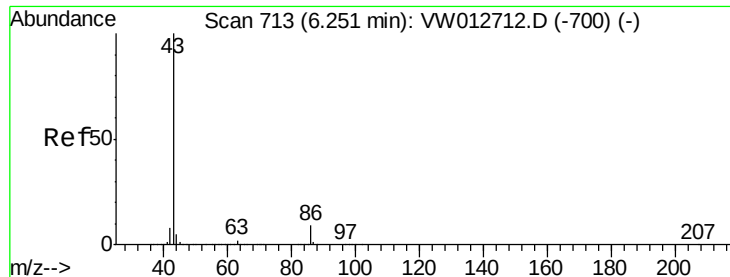
87 22.7 18.2 27.2

59 10.5 8.5 12.7



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

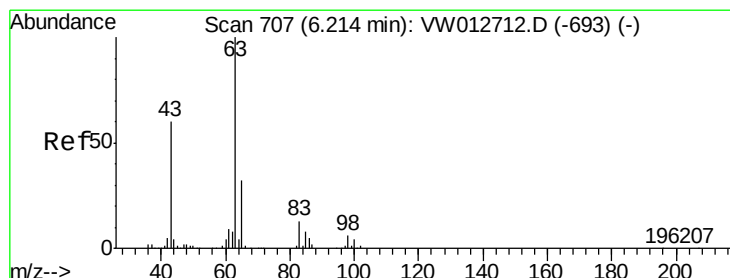
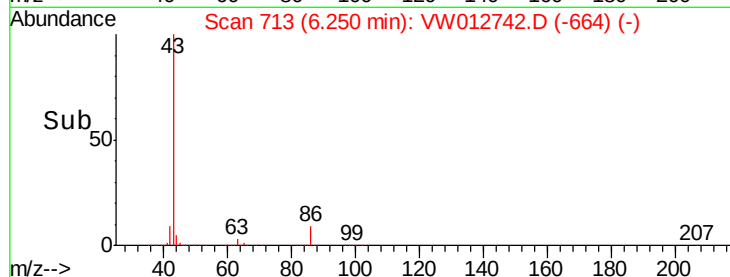
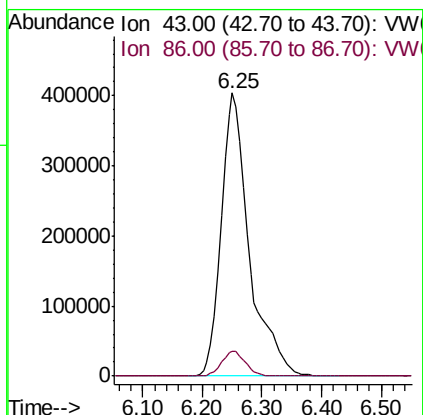
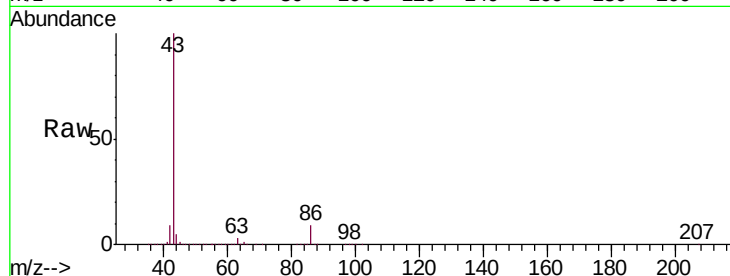




#23
 Vinyl Acetate
 Concen: 280.364 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VW012742.D
 Acq: 08 Sep 2019 01:56

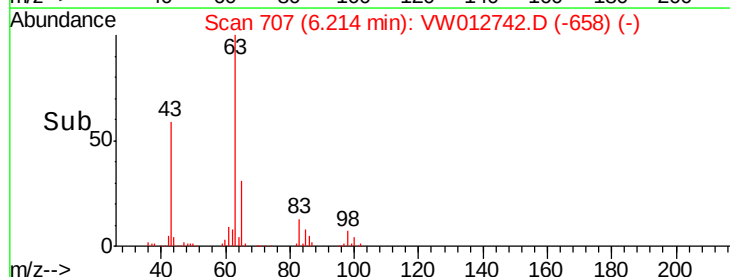
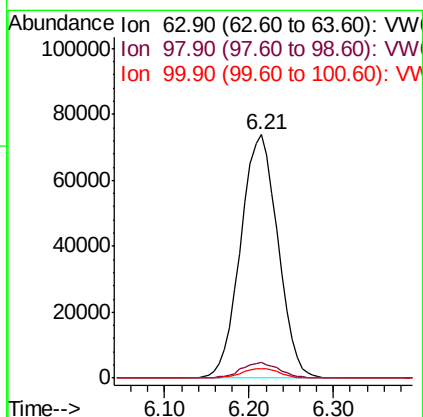
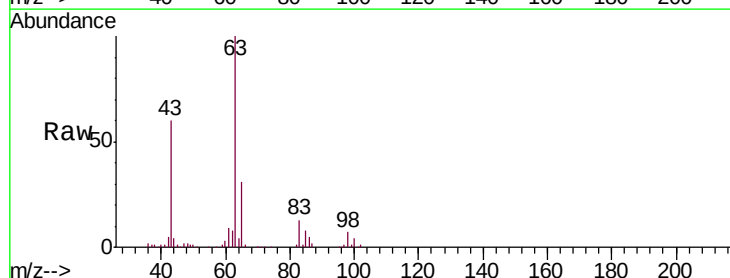
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

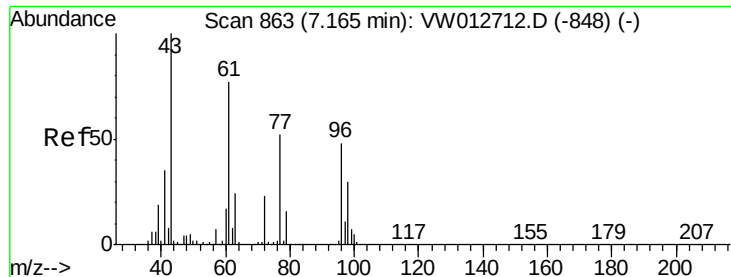
Tgt Ion: 43 Resp: 1321585
 Ion Ratio Lower Upper
 43 100
 86 8.7 7.0 10.6



#24
 1,1-Dichloroethane
 Concen: 55.299 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW012742.D
 Acq: 08 Sep 2019 01:56

Tgt Ion: 63 Resp: 221468
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.1 9.3
 100 3.7 1.8 5.5





#25

2-Butanone

Concen: 231.186 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW012742.D

Acq: 08 Sep 2019 01:56

Instrument :

MSVOA_W

ClientSampleId :

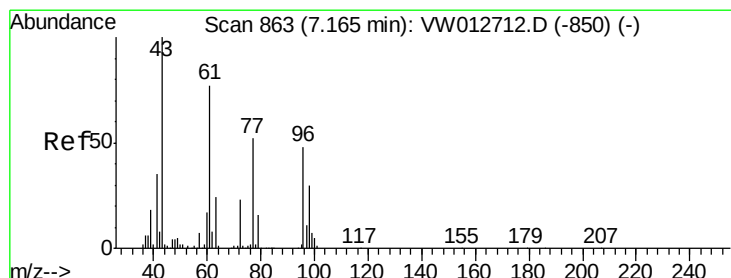
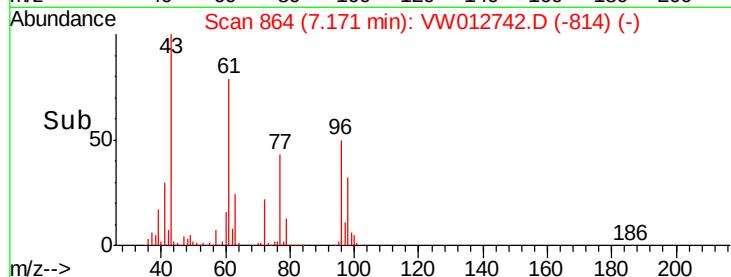
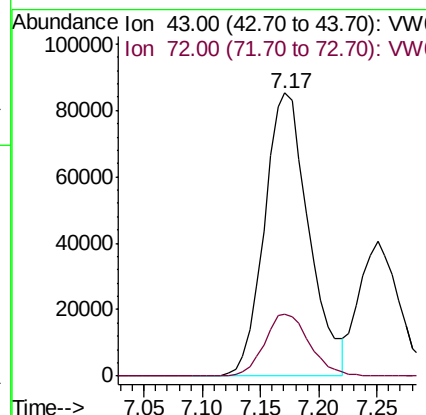
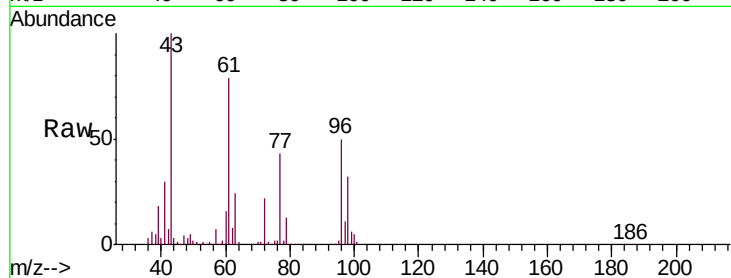
VSTDCCC050

Tgt Ion: 43 Resp: 226039

Ion Ratio Lower Upper

43 100

72 21.9 18.0 27.0



#26

2,2-Dichloropropane

Concen: 46.218 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012742.D

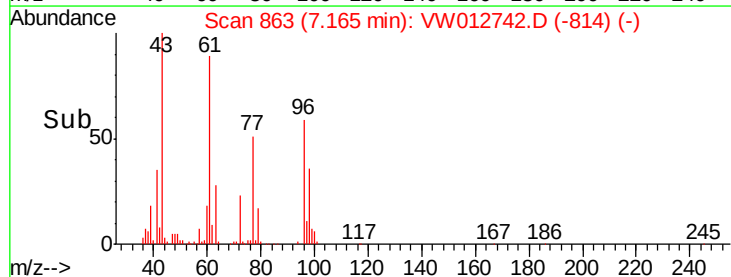
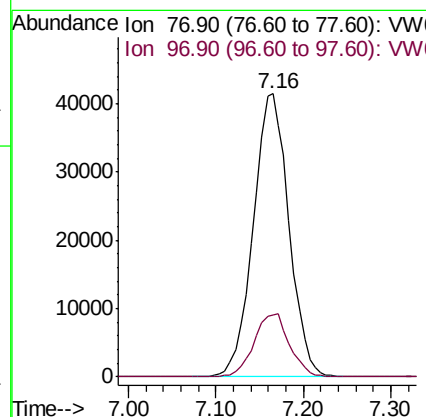
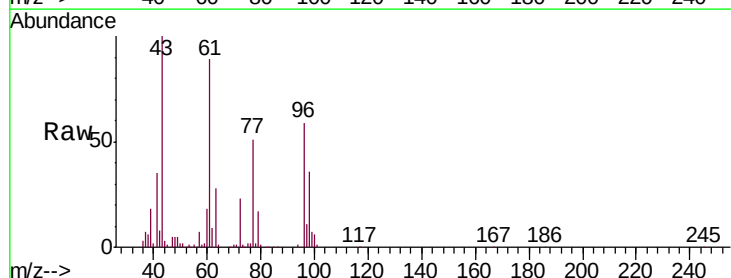
Acq: 08 Sep 2019 01:56

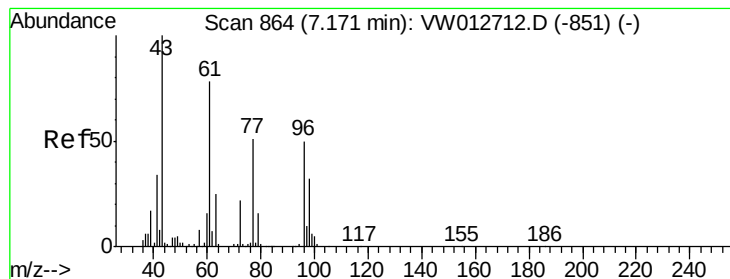
Tgt Ion: 77 Resp: 116908

Ion Ratio Lower Upper

77 100

97 22.2 10.7 32.1



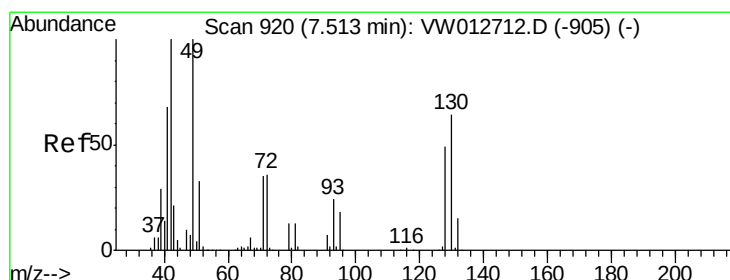
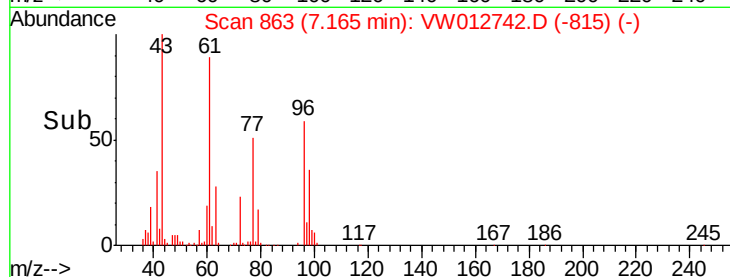
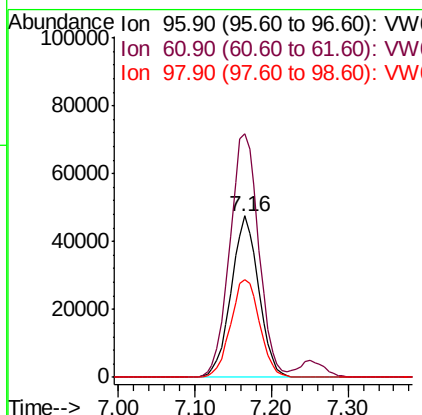
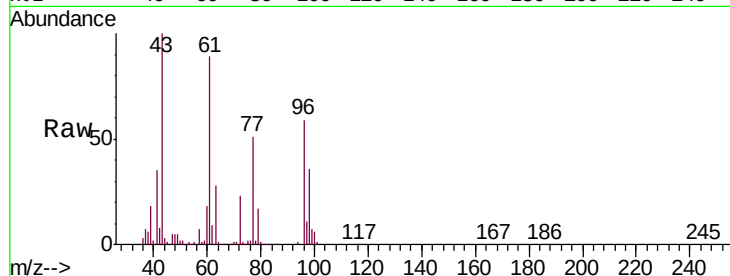


#27

cis-1,2-Dichloroethene
Concen: 55.267 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012742.D
Acq: 08 Sep 2019 01:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

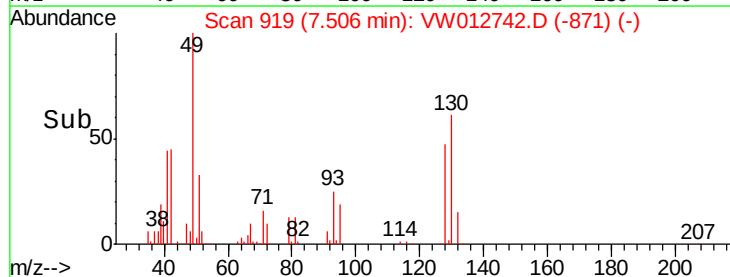
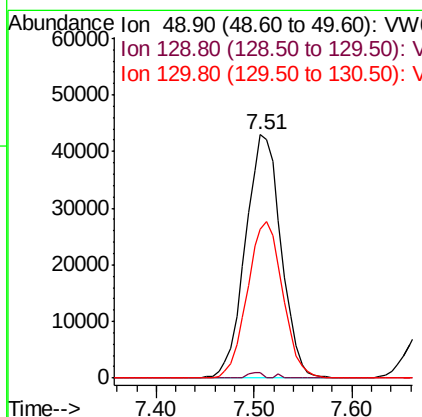
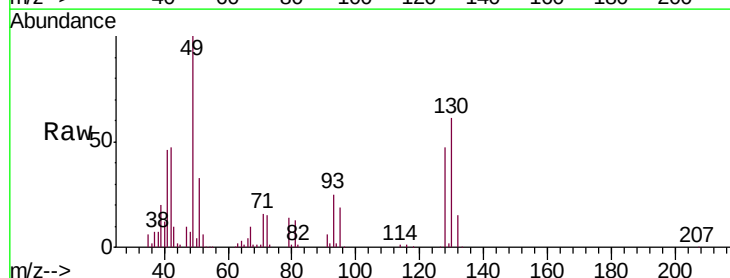
Tgt Ion: 96 Resp: 118538
Ion Ratio Lower Upper
96 100
61 158.6 0.0 325.8
98 63.7 0.0 127.0

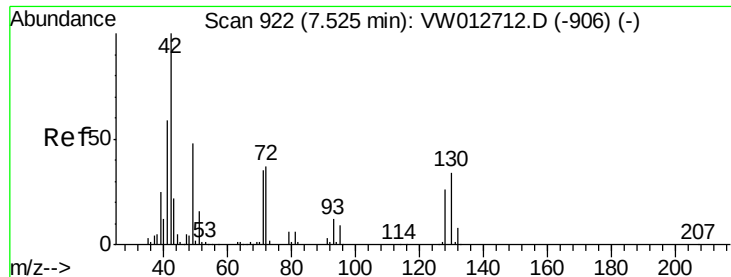


#28

Bromochloromethane
Concen: 59.074 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW012742.D
Acq: 08 Sep 2019 01:56

Tgt Ion: 49 Resp: 108634
Ion Ratio Lower Upper
49 100
129 0.9 0.0 0.8#
130 63.8 49.8 74.8

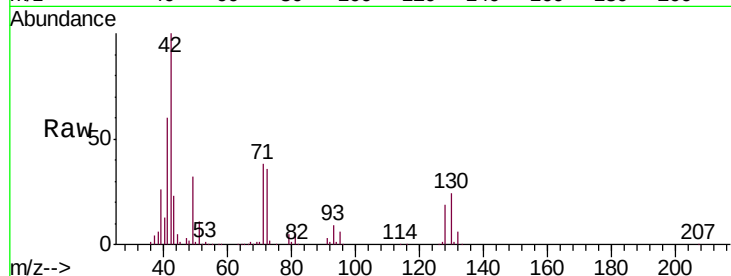




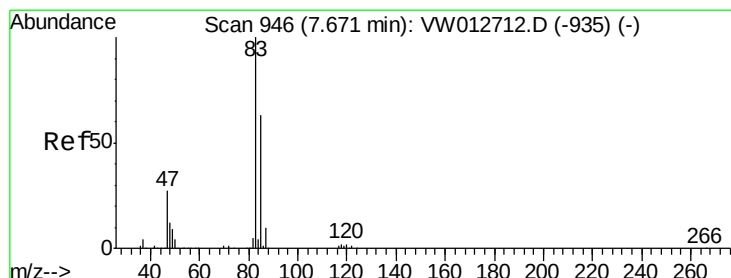
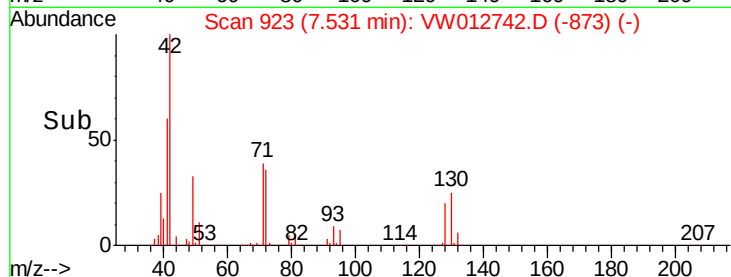
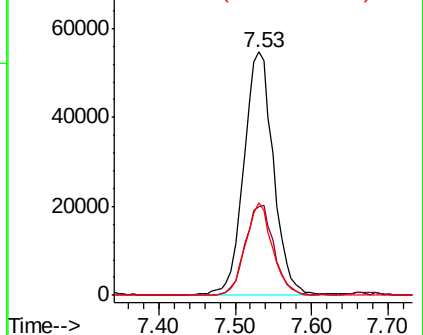
#29
Tetrahydrofuran
Concen: 271.487 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW012742.D
Acq: 08 Sep 2019 01:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 146601
Ion Ratio Lower Upper
42 100
72 36.4 28.4 42.6
71 35.0 27.1 40.7

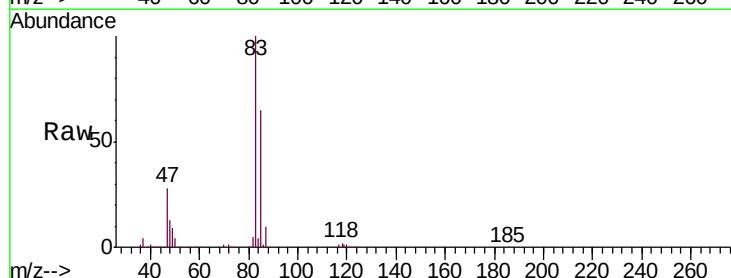


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

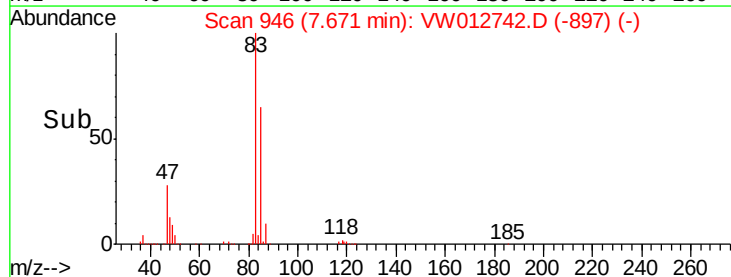
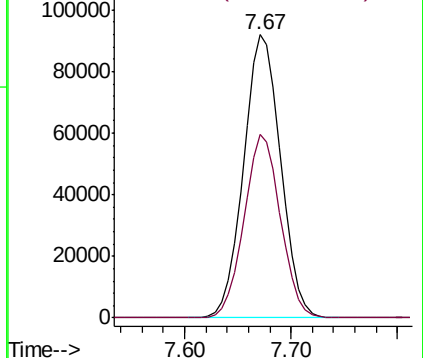


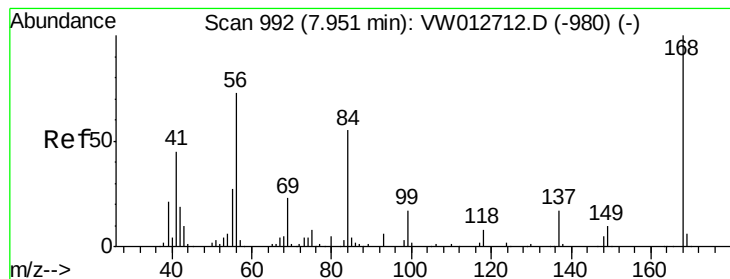
#30
Chloroform
Concen: 56.620 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW012742.D
Acq: 08 Sep 2019 01:56

Tgt Ion: 83 Resp: 224732
Ion Ratio Lower Upper
83 100
85 65.0 50.6 76.0



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

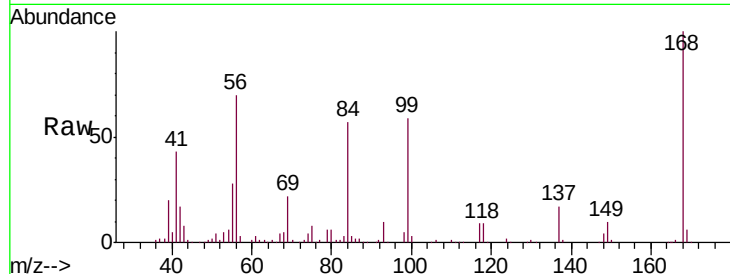




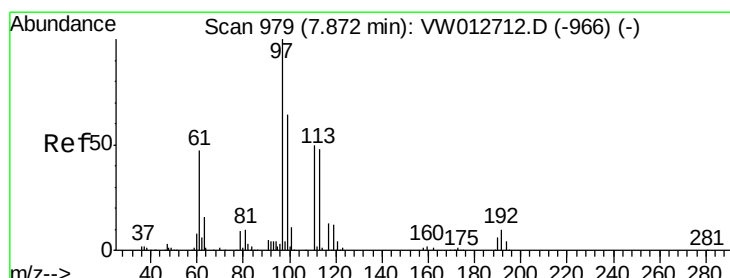
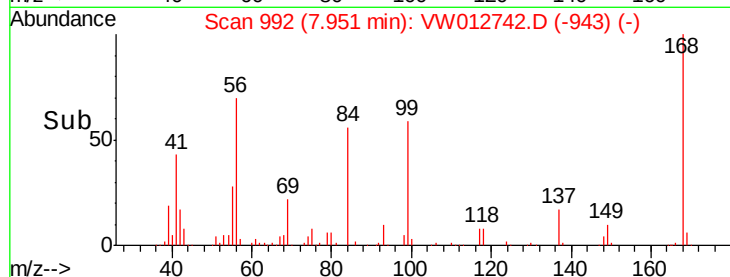
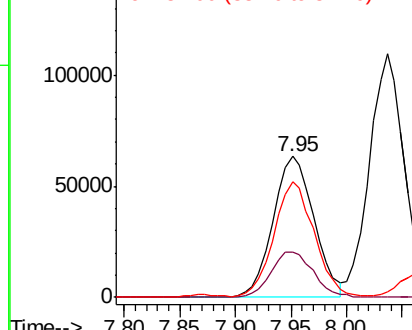
#31
Cyclohexane
Concen: 45.156 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW012742.D
Acq: 08 Sep 2019 01:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 162810
Ion Ratio Lower Upper
56 100
69 32.1 25.7 38.5
84 80.5 60.4 90.6

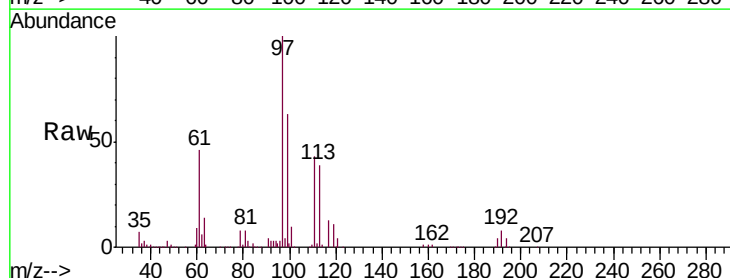


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

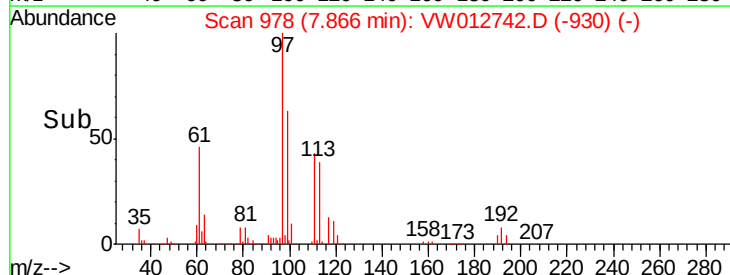
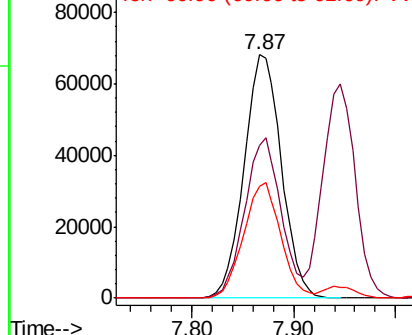


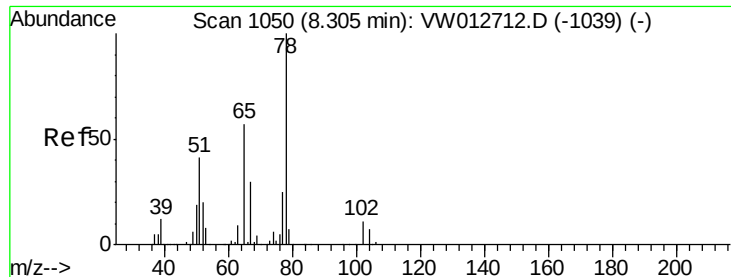
#32
1,1,1-Trichloroethane
Concen: 53.929 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW012742.D
Acq: 08 Sep 2019 01:56

Tgt Ion: 97 Resp: 173510
Ion Ratio Lower Upper
97 100
99 64.6 51.5 77.3
61 47.4 37.9 56.9



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

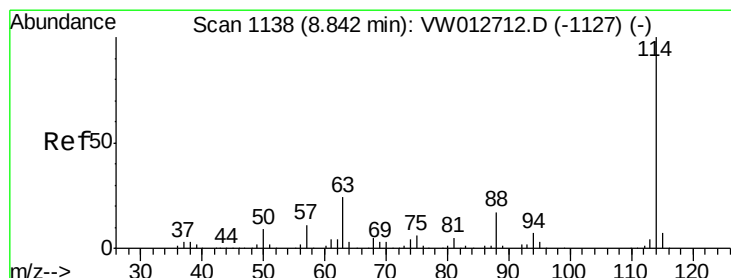
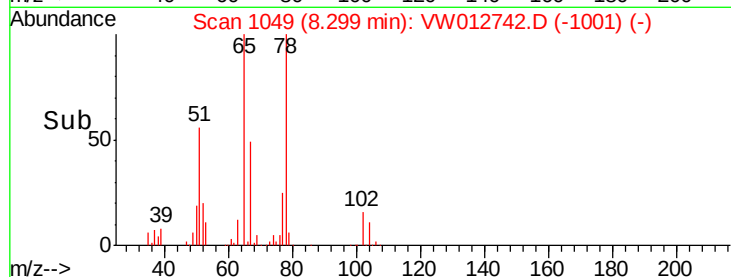
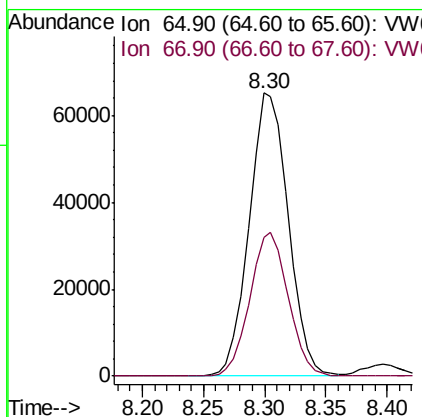
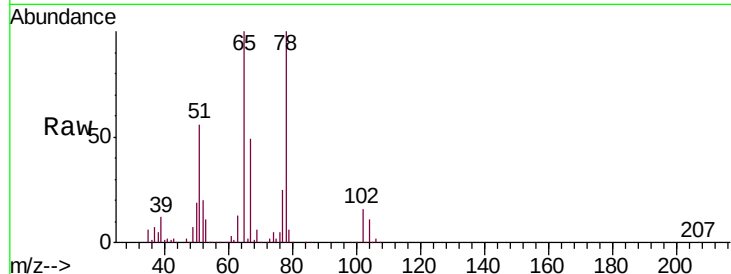




#33
 1,2-Dichloroethane-d4
 Concen: 59.173 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012742.D
 Acq: 08 Sep 2019 01:56

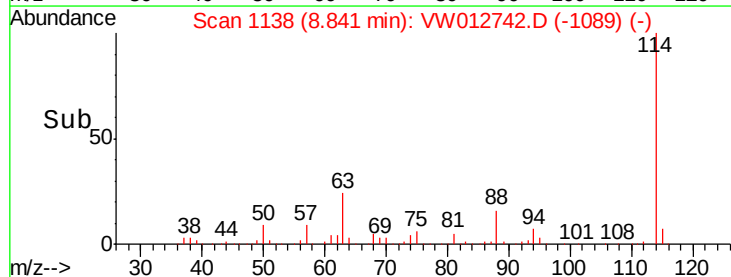
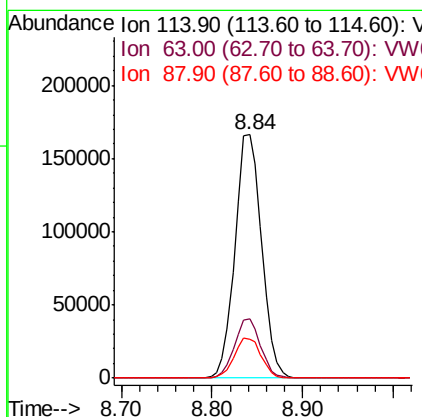
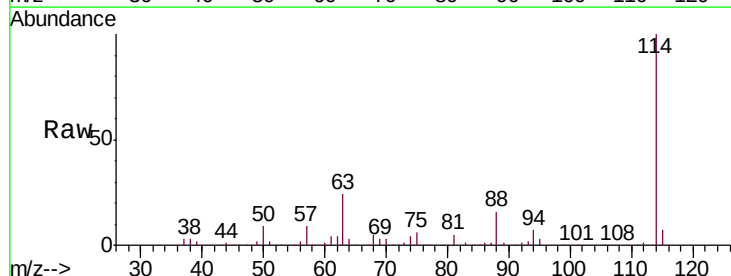
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

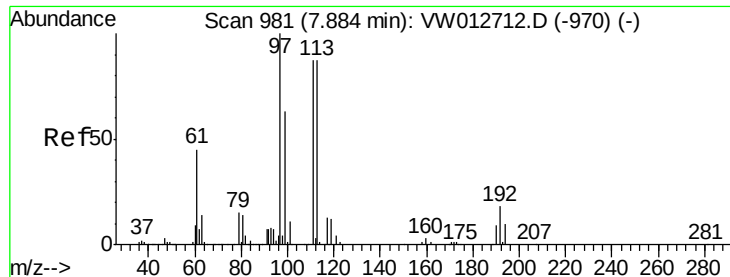
Tgt Ion: 65 Resp: 145141
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012742.D
 Acq: 08 Sep 2019 01:56

Tgt Ion: 114 Resp: 338529
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 47.2
 88 16.0 0.0 34.0

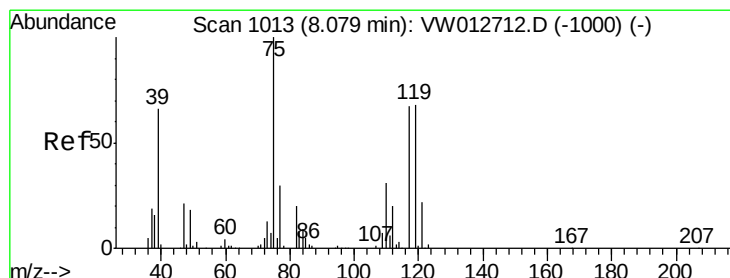
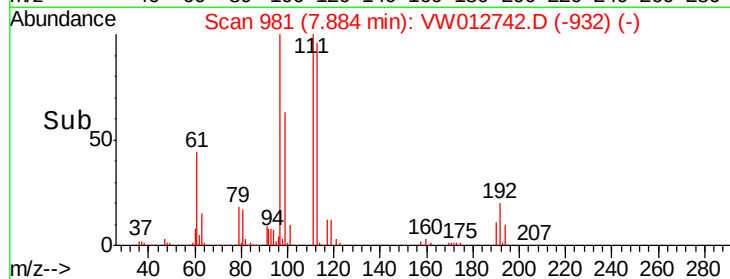
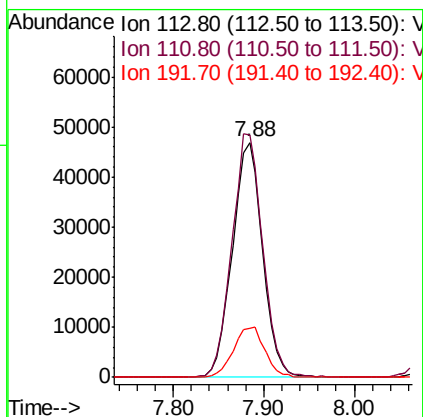
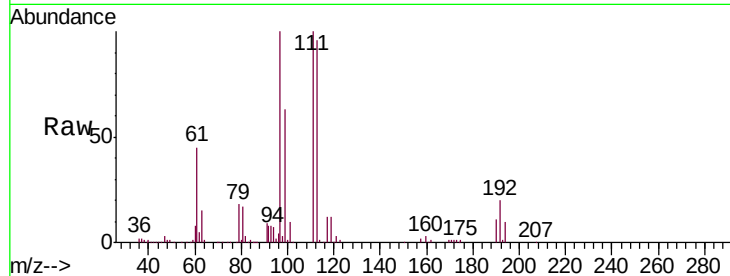




#35
 Dibromofluoromethane
 Concen: 53.787 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012742.D
 Acq: 08 Sep 2019 01:56

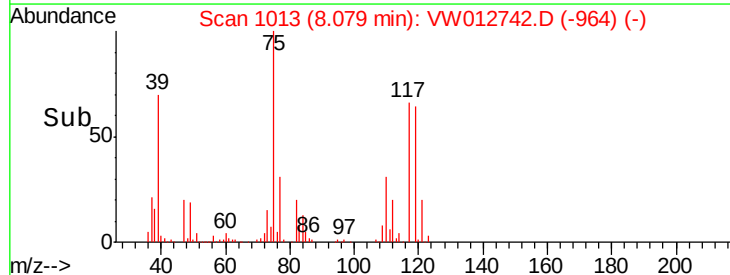
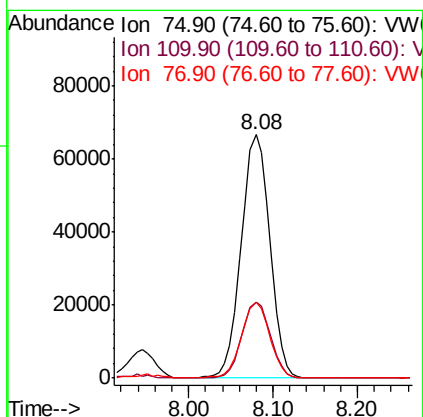
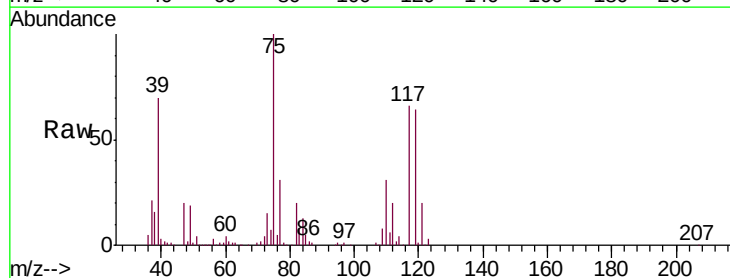
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

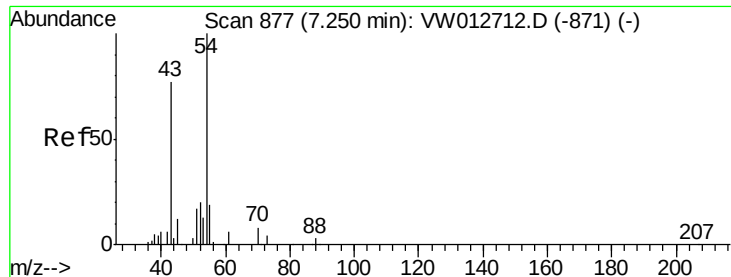
Tgt Ion: 113 Resp: 108254
 Ion Ratio Lower Upper
 113 100
 111 106.0 80.2 120.4
 192 22.3 17.3 25.9



#36
 1,1-Dichloropropene
 Concen: 50.819 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012742.D
 Acq: 08 Sep 2019 01:56

Tgt Ion: 75 Resp: 152860
 Ion Ratio Lower Upper
 75 100
 110 31.0 15.9 47.7
 77 30.8 25.0 37.4

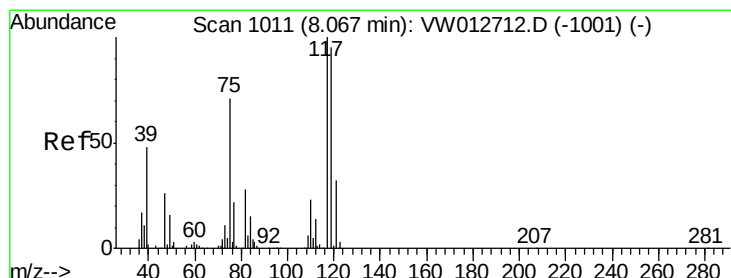
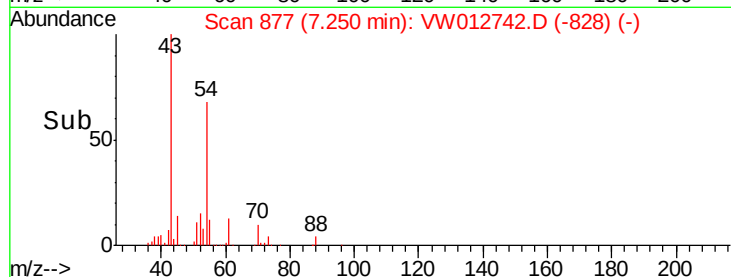
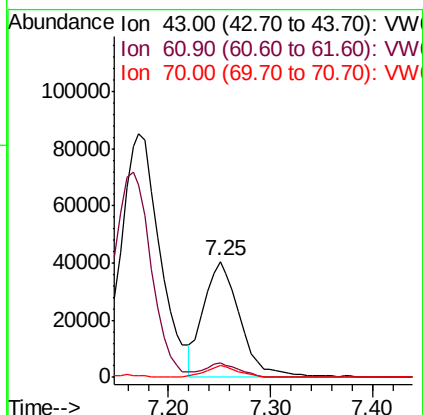
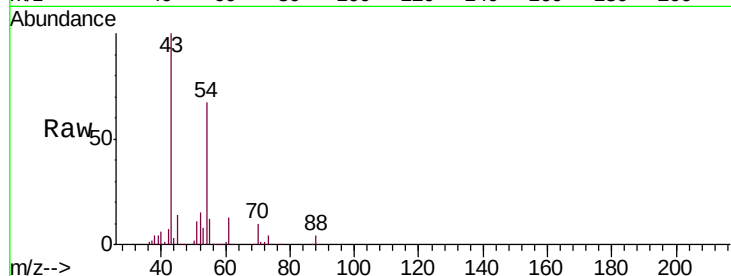




#37
 Ethyl Acetate
 Concen: 51.525 ug/l
 RT: 7.25 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: VW012742.D
 Acq: 08 Sep 2019 01:56

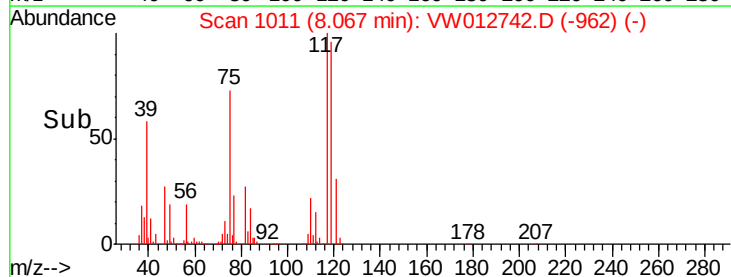
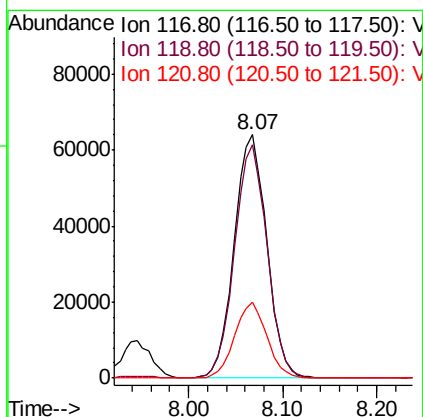
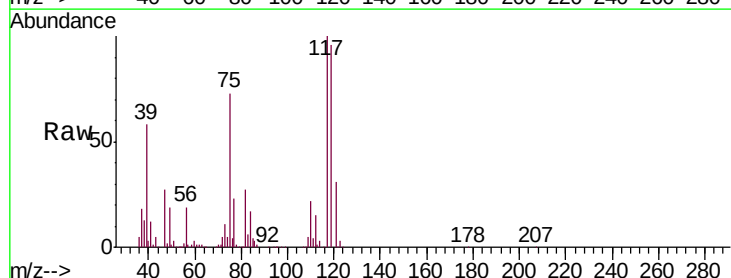
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

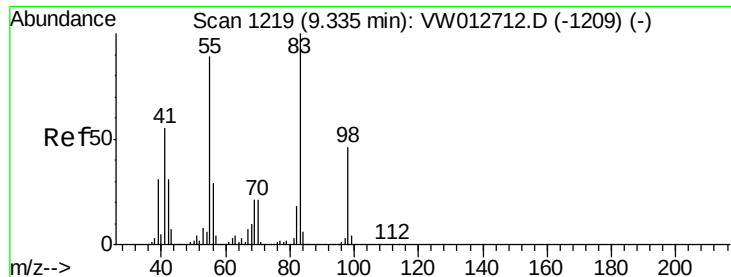
Tgt Ion: 43 Resp: 98798
 Ion Ratio Lower Upper
 43 100
 61 12.3 9.5 14.3
 70 9.4 7.0 10.6



#38
 Carbon Tetrachloride
 Concen: 52.222 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: VW012742.D
 Acq: 08 Sep 2019 01:56

Tgt Ion: 117 Resp: 154841
 Ion Ratio Lower Upper
 117 100
 119 96.1 76.2 114.2
 121 31.2 25.4 38.2

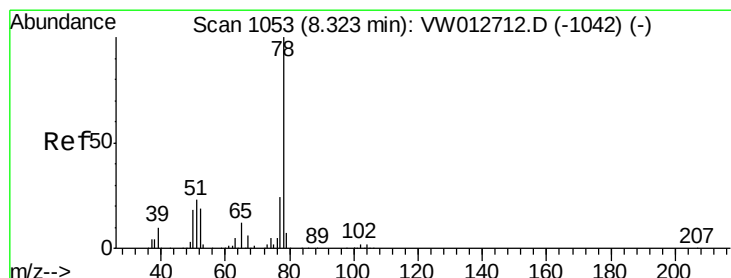
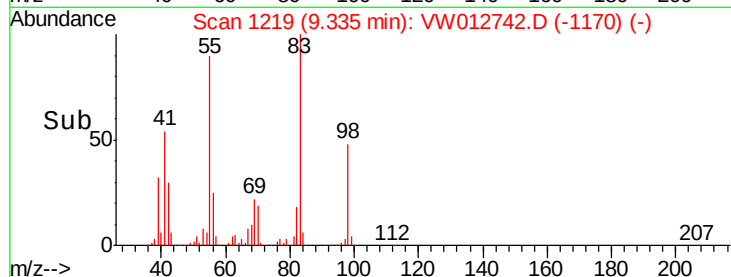
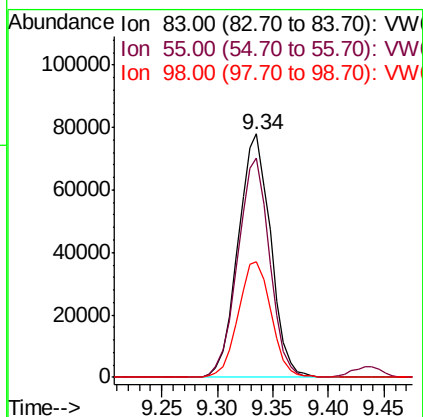
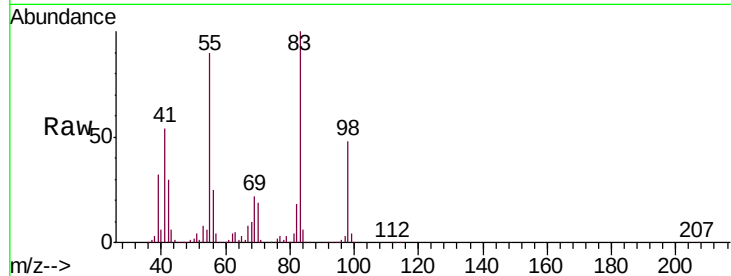




#39
Methylcyclohexane
Concen: 46.862 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012742.D
Acq: 08 Sep 2019 01:56

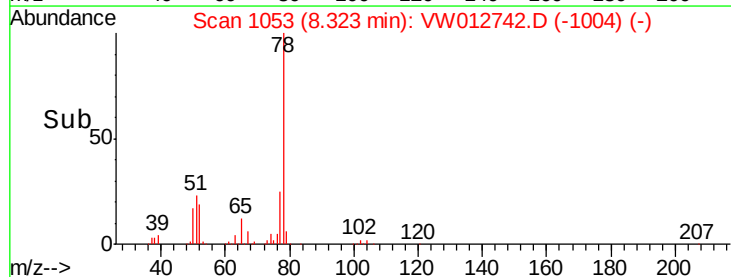
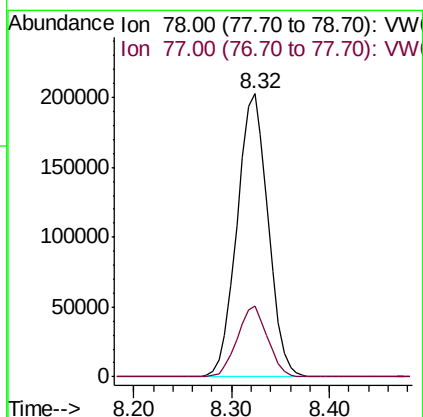
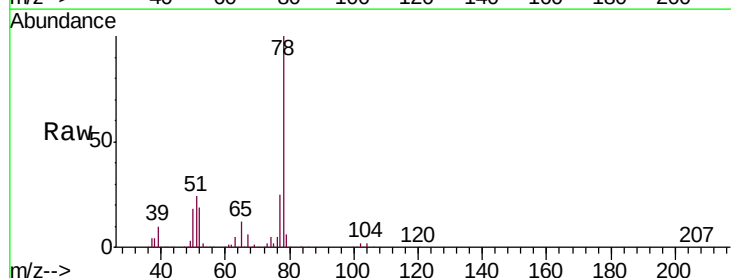
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

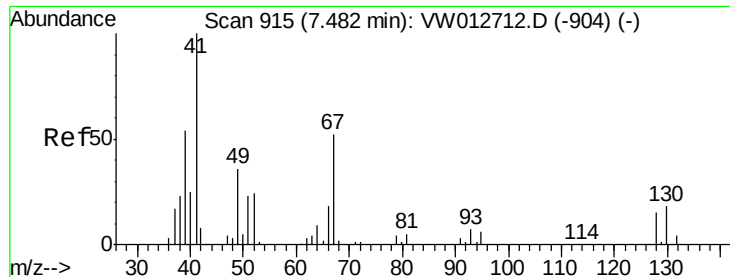
Tgt Ion: 83 Resp: 158314
Ion Ratio Lower Upper
83 100
55 89.9 71.0 106.4
98 47.6 36.9 55.3



#40
Benzene
Concen: 53.420 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012742.D
Acq: 08 Sep 2019 01:56

Tgt Ion: 78 Resp: 445820
Ion Ratio Lower Upper
78 100
77 25.1 19.3 28.9

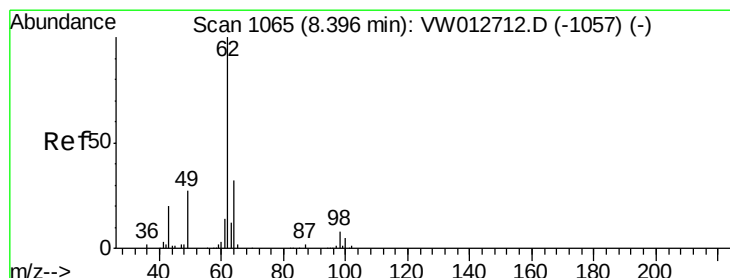
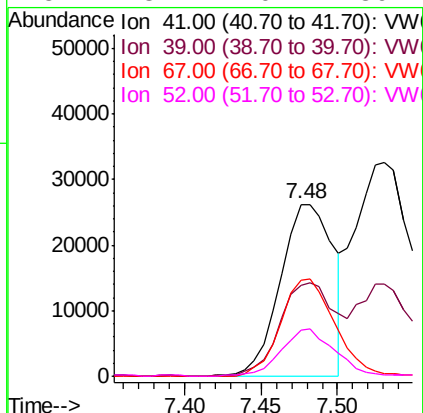
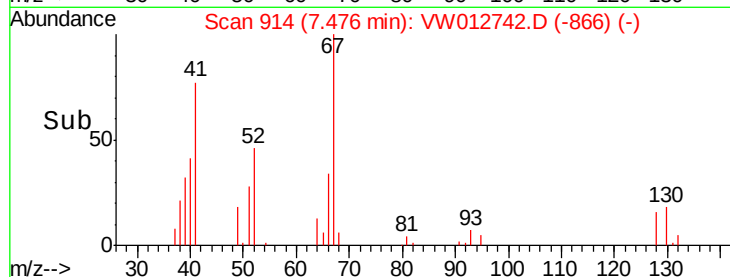
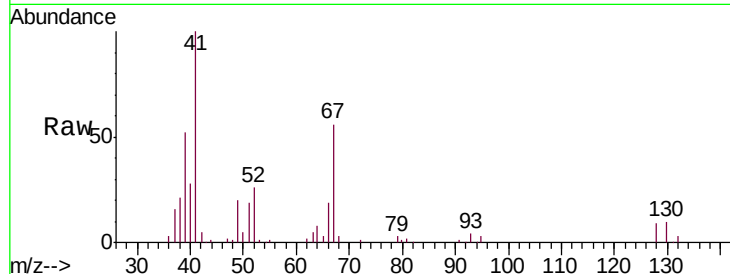




#41
Methacrylonitrile
Concen: 48.534 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW012742.D
Acq: 08 Sep 2019 01:56

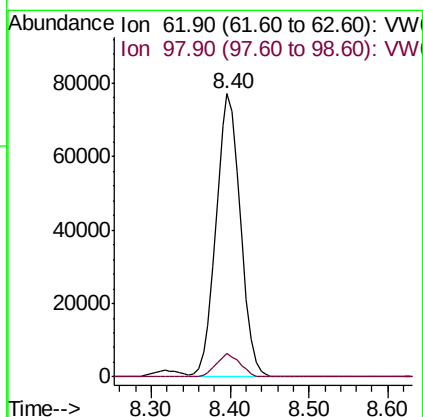
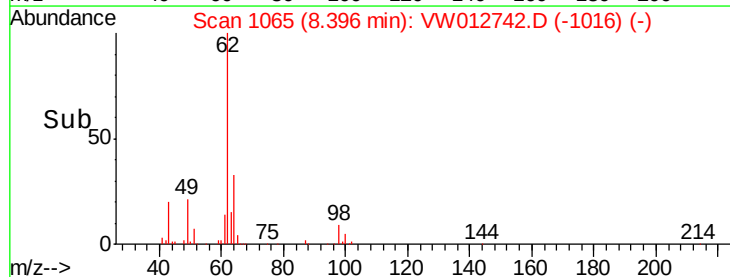
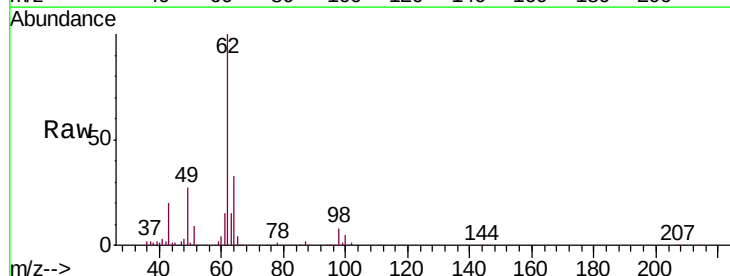
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

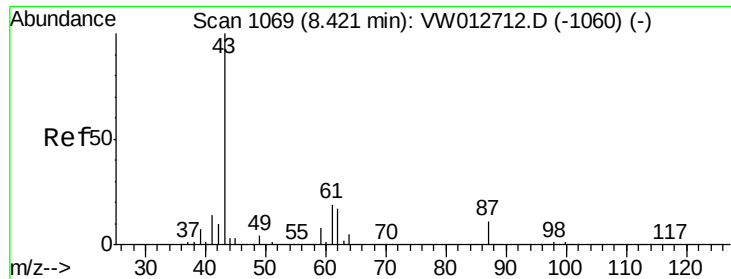
Tgt Ion:	41	Resp:	63102
Ion	Ratio	Lower	Upper
41	100		
39	59.1	47.5	71.3
67	58.5	45.1	67.7
52	28.1	20.2	30.2



#42
1,2-Dichloroethane
Concen: 56.412 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012742.D
Acq: 08 Sep 2019 01:56

Tgt Ion:	62	Resp:	165687
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.2





#43

Isopropyl Acetate

Concen: 56.168 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012742.D

Acq: 08 Sep 2019 01:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

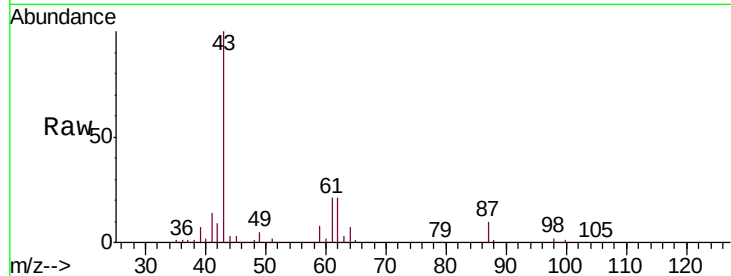
Tgt Ion: 43 Resp: 204044

Ion Ratio Lower Upper

43 100

61 26.5 20.6 30.8

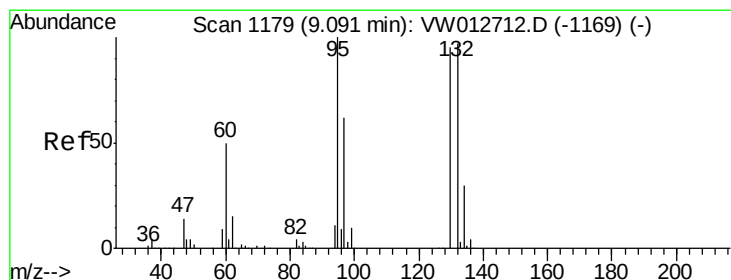
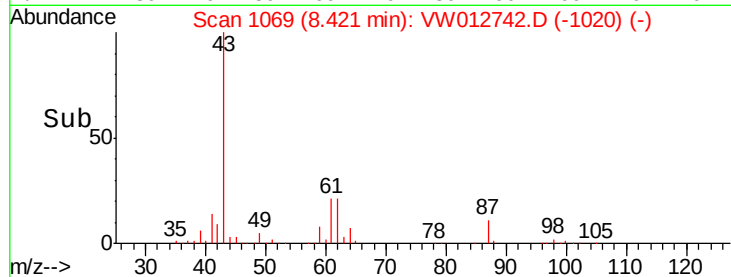
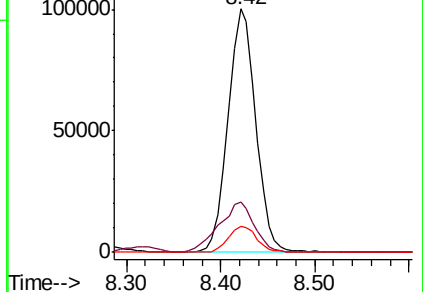
87 10.8 8.6 13.0



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: 51.399 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012742.D

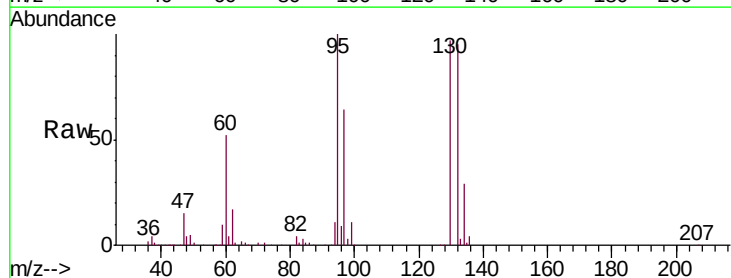
Acq: 08 Sep 2019 01:56

Tgt Ion: 130 Resp: 110571

Ion Ratio Lower Upper

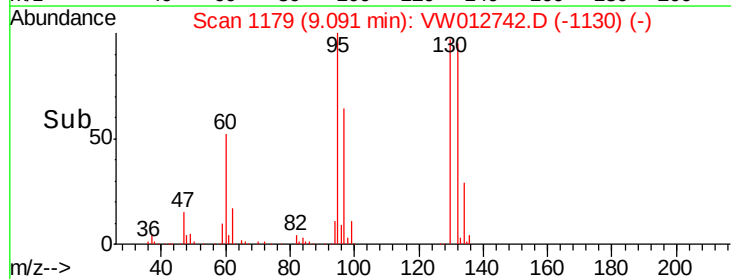
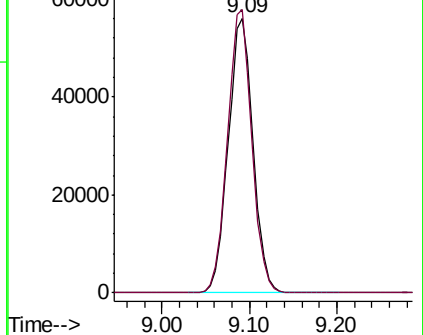
130 100

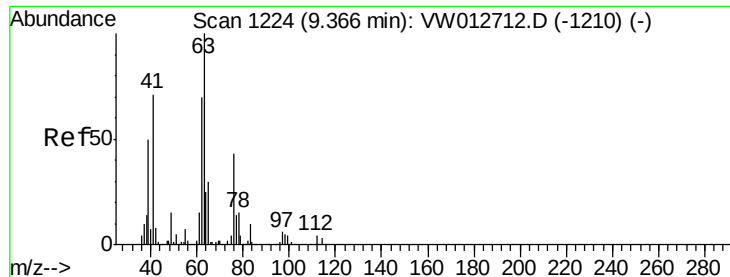
95 103.0 0.0 210.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

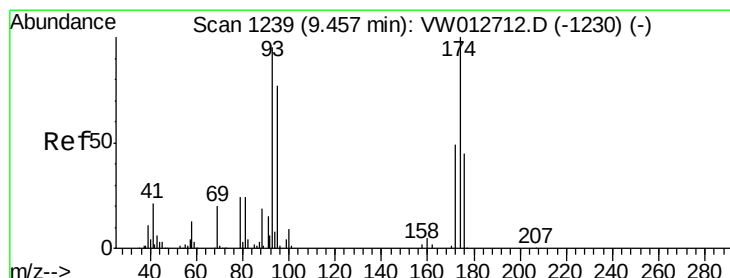
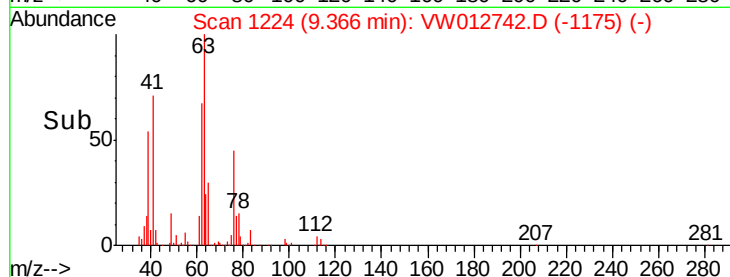
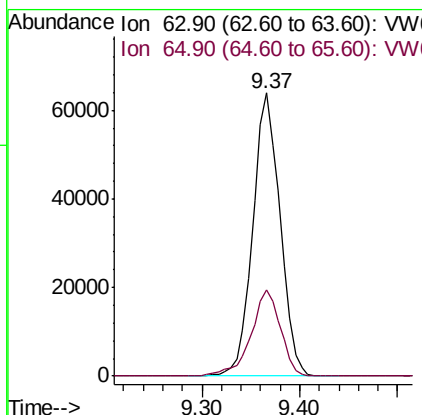
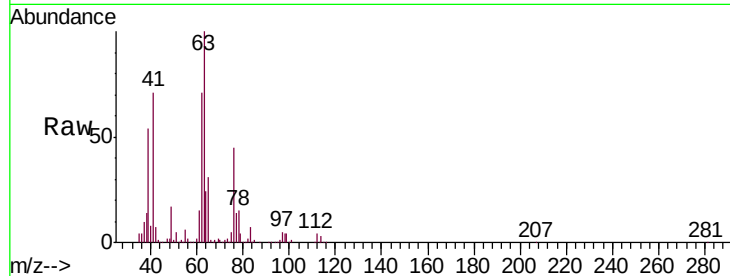




#45
 1,2-Dichloropropane
 Concen: 53.738 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012742.D
 Acq: 08 Sep 2019 01:56

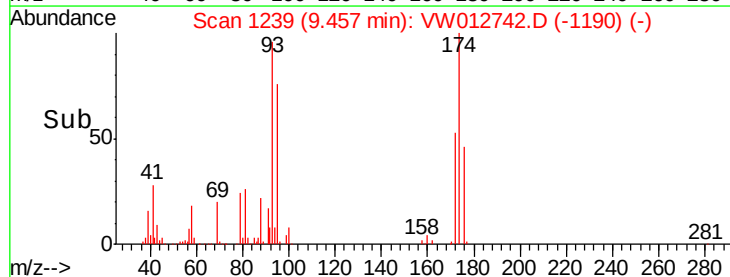
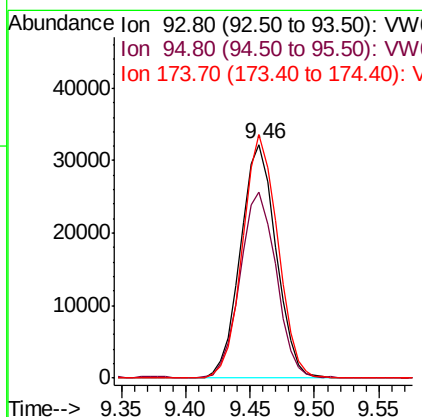
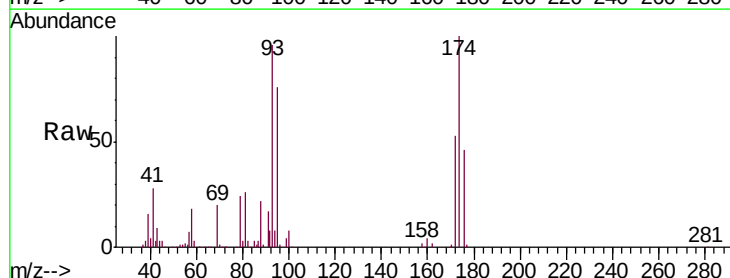
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

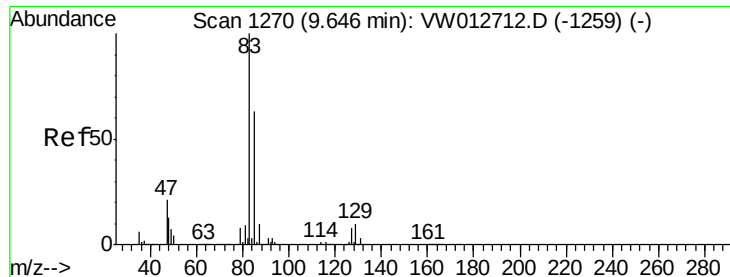
Tgt Ion: 63 Resp: 124384
 Ion Ratio Lower Upper
 63 100
 65 30.4 23.8 35.8



#46
 Dibromomethane
 Concen: 56.424 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012742.D
 Acq: 08 Sep 2019 01:56

Tgt Ion: 93 Resp: 61845
 Ion Ratio Lower Upper
 93 100
 95 80.6 65.2 97.8
 174 102.4 84.2 126.4





#47

Bromodichloromethane

Concen: 56.367 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012742.D

Acq: 08 Sep 2019 01:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

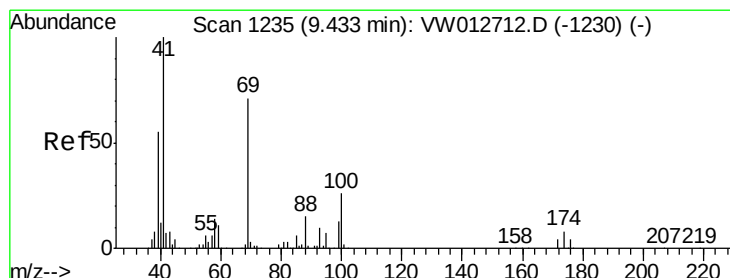
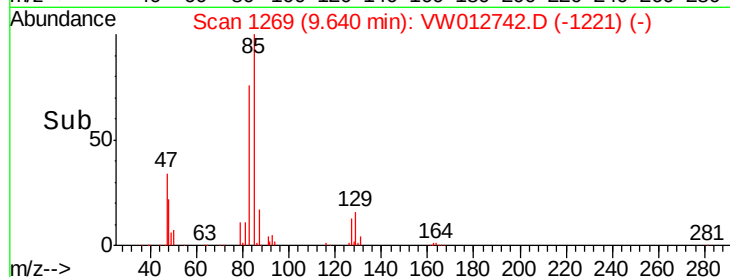
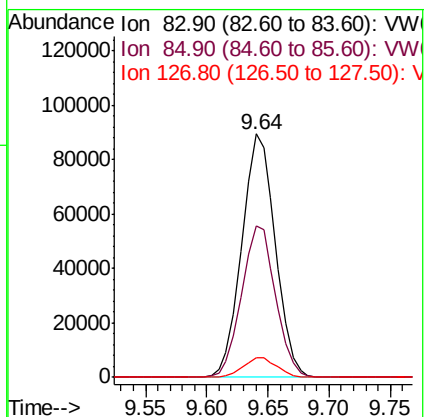
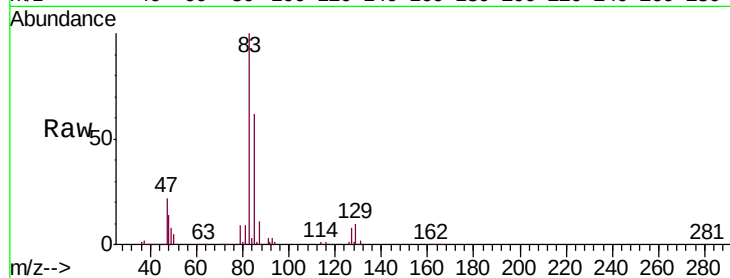
Tgt Ion: 83 Resp: 169977

Ion Ratio Lower Upper

83 100

85 62.3 50.2 75.2

127 8.2 6.6 9.8



#48

Methyl methacrylate

Concen: 55.350 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW012742.D

Acq: 08 Sep 2019 01:56

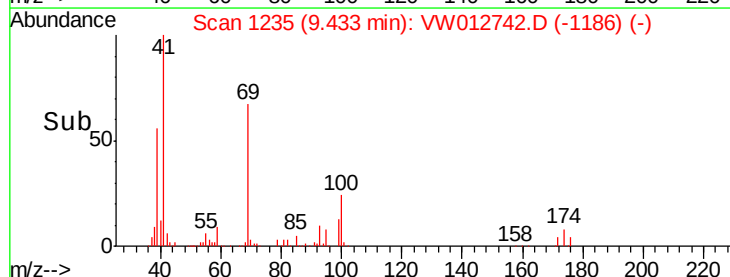
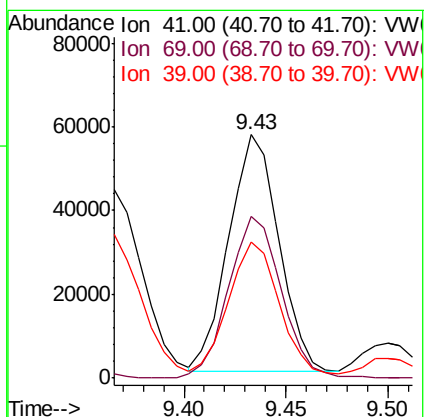
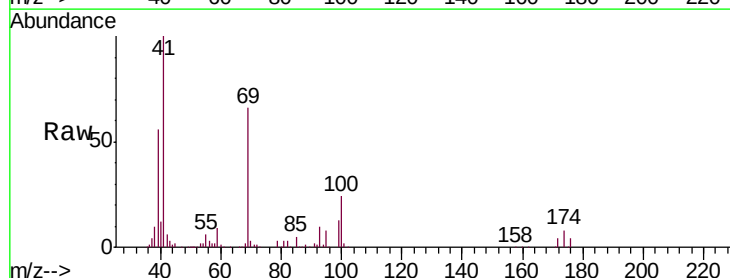
Tgt Ion: 41 Resp: 96091

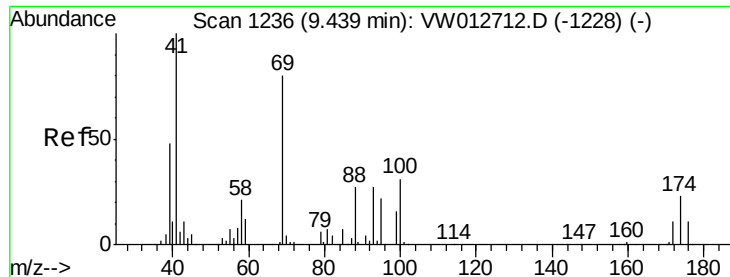
Ion Ratio Lower Upper

41 100

69 71.8 59.8 89.8

39 59.9 47.0 70.6





#49

1,4-Dioxane

Concen: 1077.564 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.02 min

Lab File: VW012742.D

Acq: 08 Sep 2019 01:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

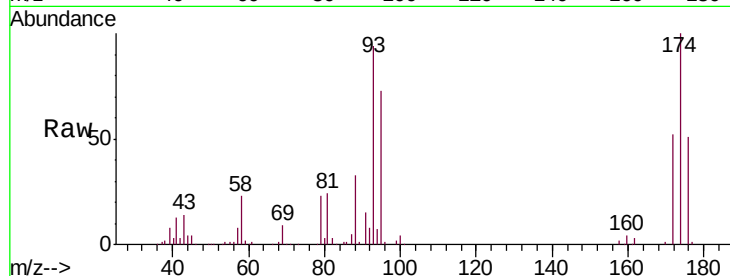
Tgt Ion: 88 Resp: 23330

Ion Ratio Lower Upper

88 100

43 0.0 34.8 52.2#

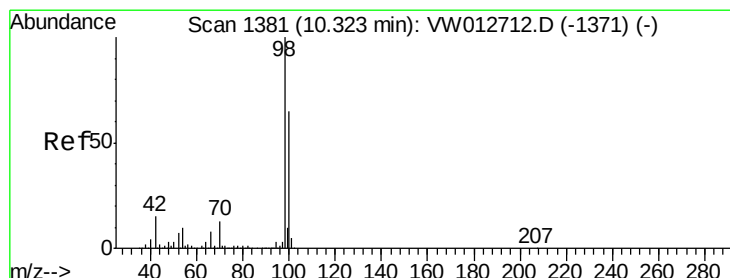
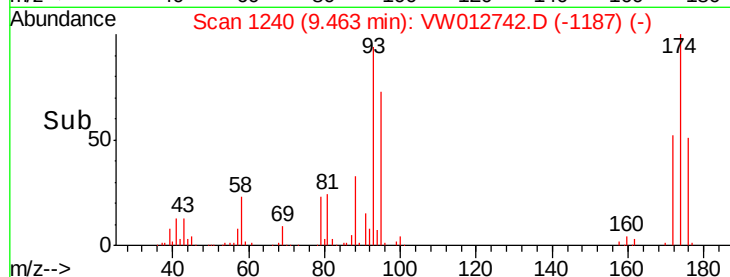
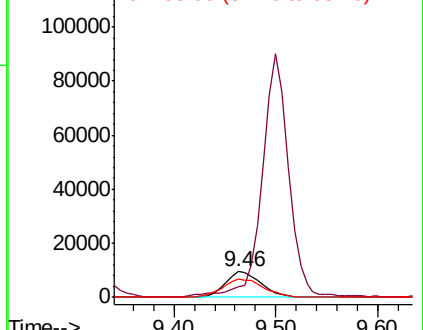
58 82.4 64.1 96.1



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: 53.639 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012742.D

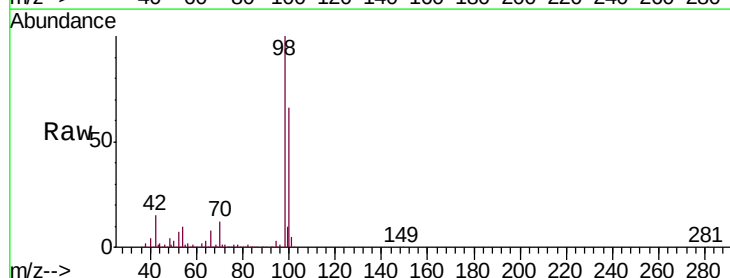
Acq: 08 Sep 2019 01:56

Tgt Ion: 98 Resp: 422947

Ion Ratio Lower Upper

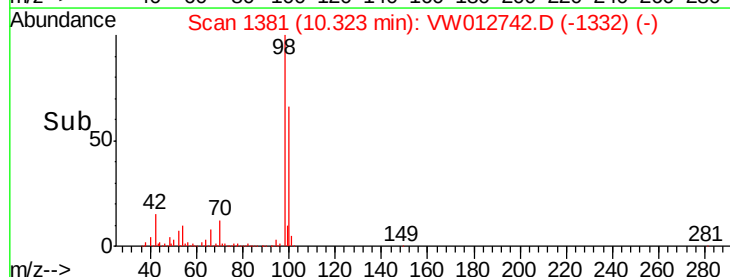
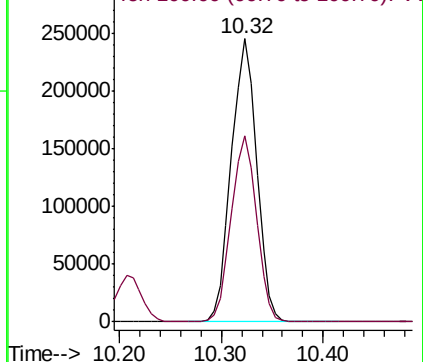
98 100

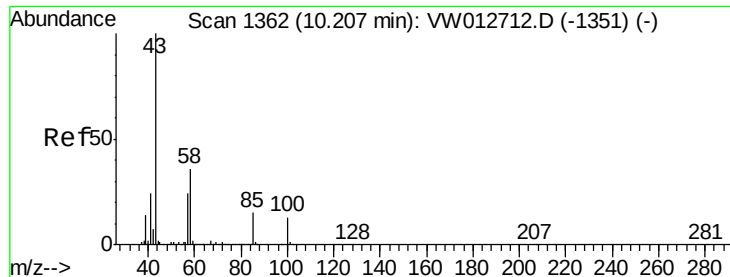
100 65.6 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

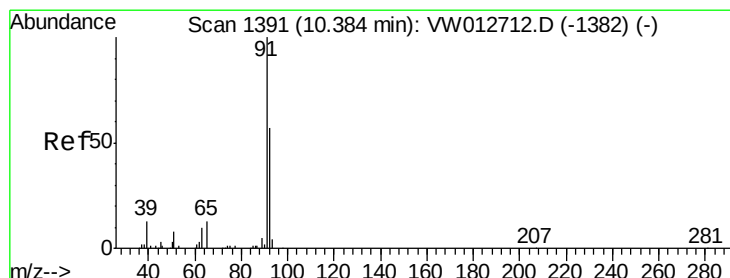
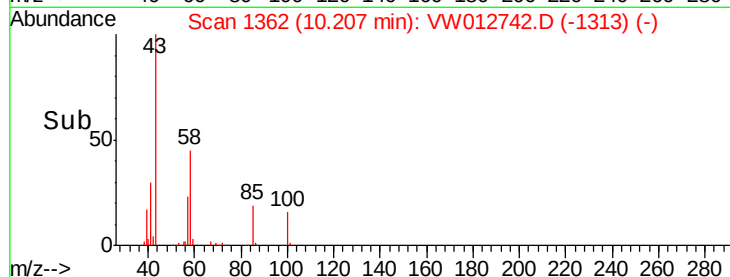
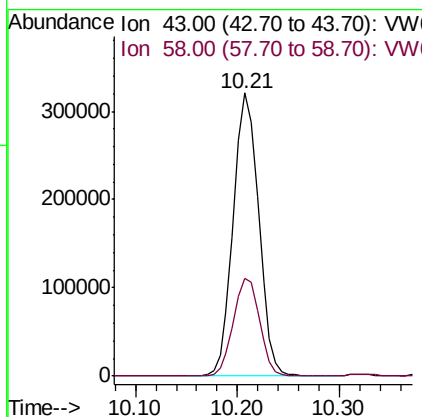
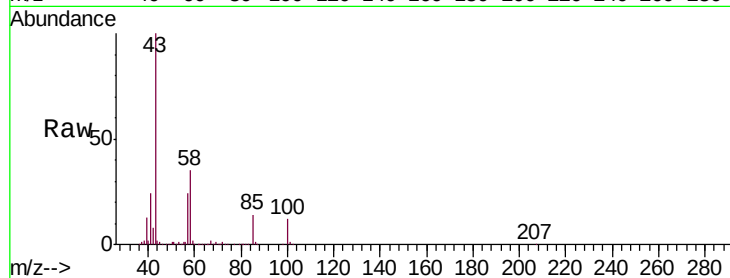




#51
 4-Methyl-2-Pentanone
 Concen: 291.337 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW012742.D
 Acq: 08 Sep 2019 01:56

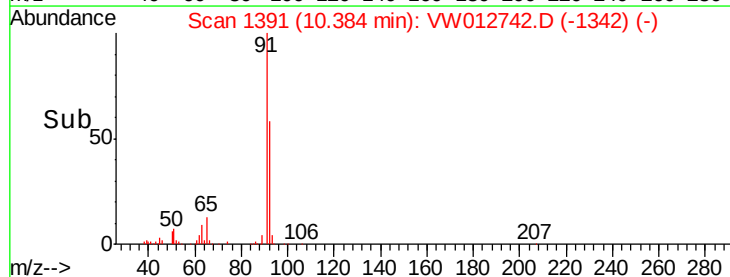
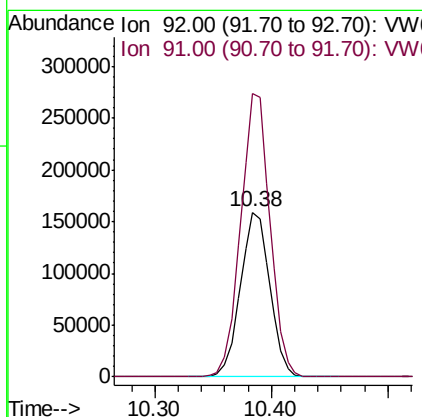
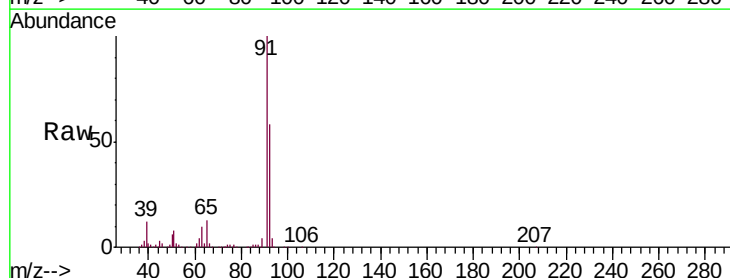
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

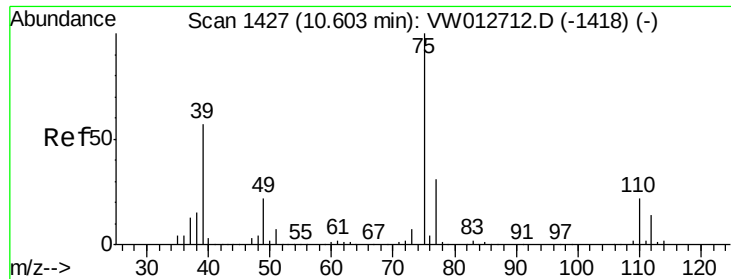
Tgt Ion: 43 Resp: 555351
 Ion Ratio Lower Upper
 43 100
 58 35.4 28.4 42.6



#52
 Toluene
 Concen: 53.840 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW012742.D
 Acq: 08 Sep 2019 01:56

Tgt Ion: 92 Resp: 280438
 Ion Ratio Lower Upper
 92 100
 91 171.4 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 55.531 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012742.D

Acq: 08 Sep 2019 01:56

Instrument :

MSVOA_W

ClientSampleId :

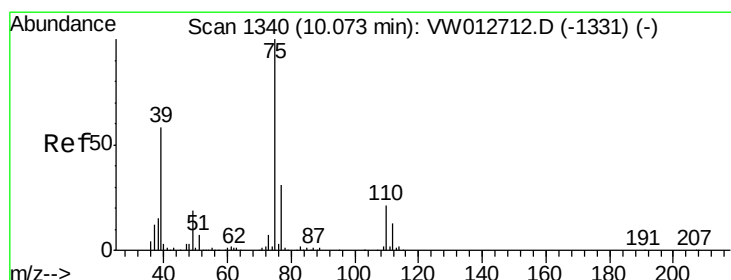
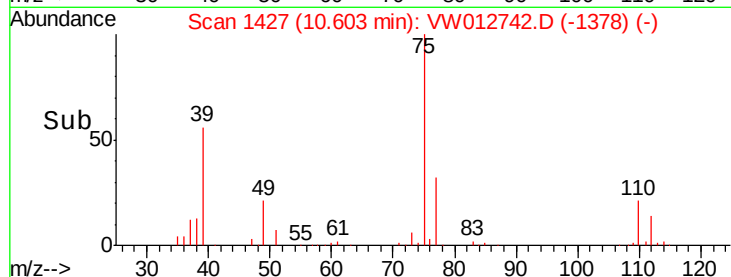
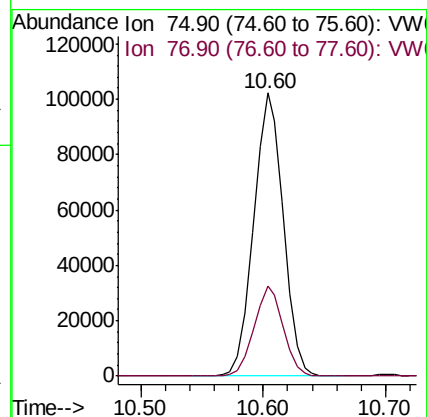
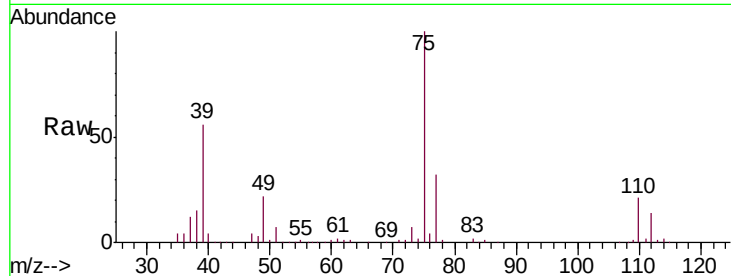
VSTDCCC050

Tgt Ion: 75 Resp: 172190

Ion Ratio Lower Upper

75 100

77 32.0 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 53.880 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012742.D

Acq: 08 Sep 2019 01:56

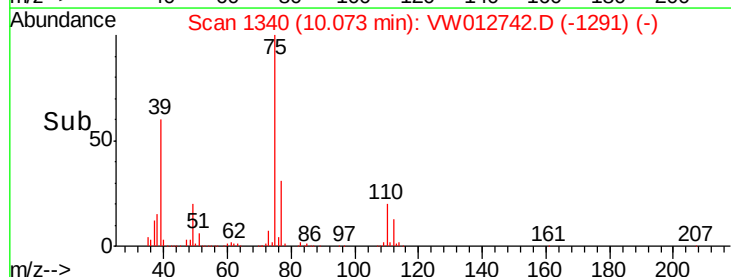
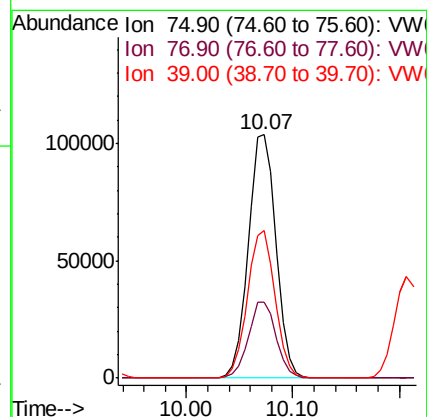
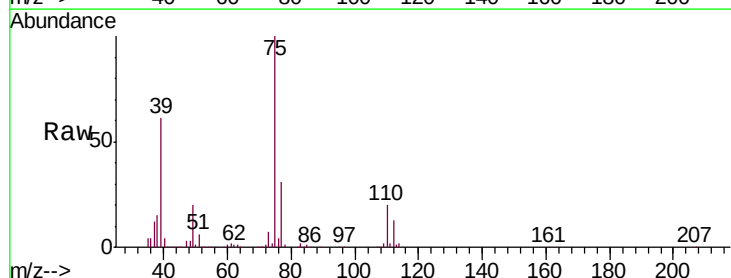
Tgt Ion: 75 Resp: 189529

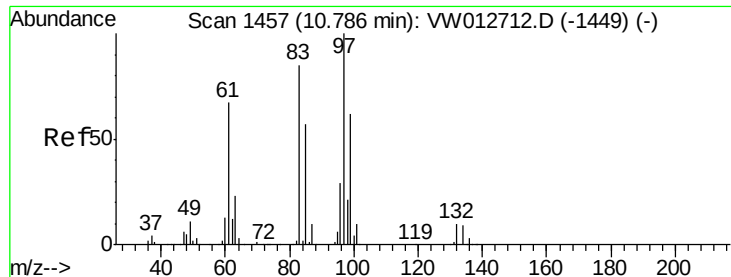
Ion Ratio Lower Upper

75 100

77 31.1 24.6 36.8

39 60.3 46.3 69.5

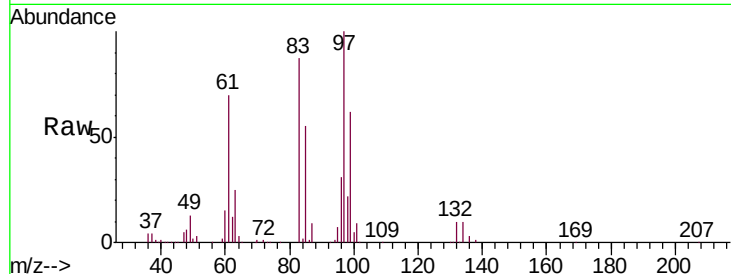




#55
 1,1,2-Trichloroethane
 Concen: 55.314 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012742.D
 Acq: 08 Sep 2019 01:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	90767
Ion	Ratio	Lower	Upper
97	100		
83	86.9	68.1	102.1
85	54.5	45.3	67.9
99	61.7	50.0	75.0



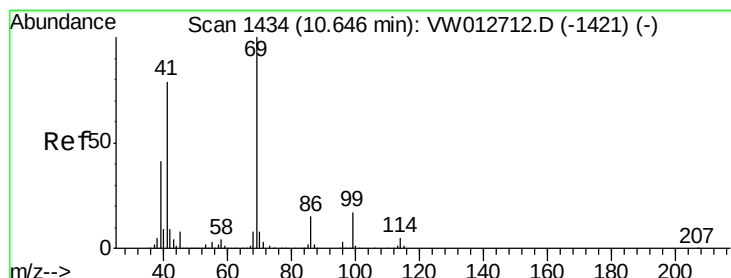
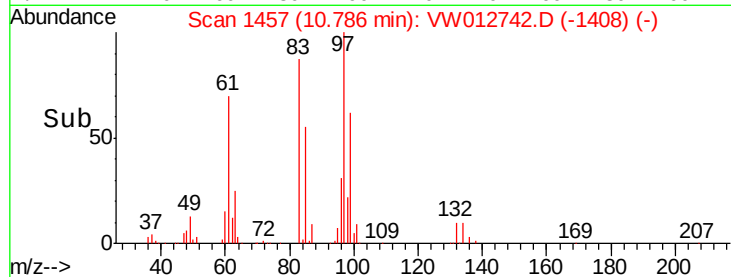
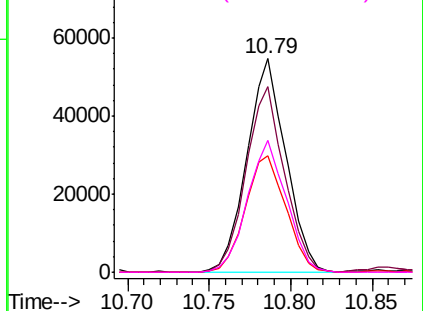
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

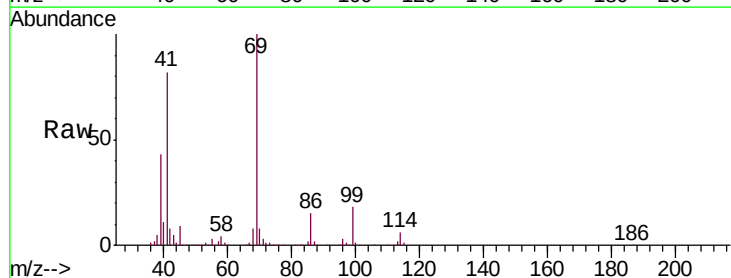
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 57.917 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012742.D
 Acq: 08 Sep 2019 01:56

Tgt Ion:	69	Resp:	139119
Ion	Ratio	Lower	Upper
69	100		
41	82.5	64.4	96.6
39	38.5	31.1	46.7

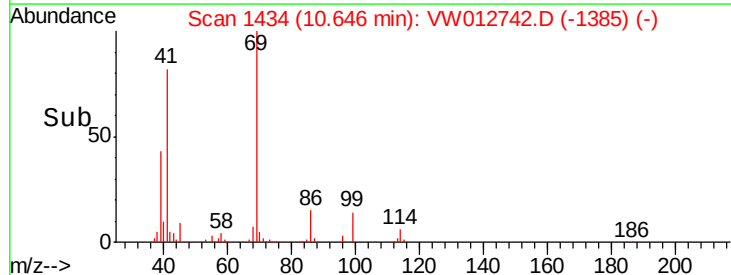
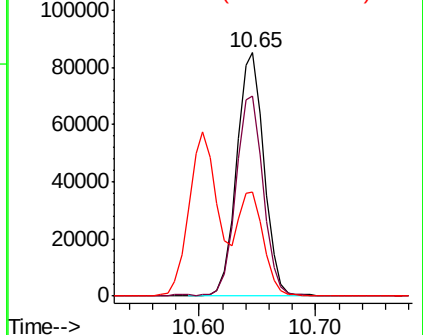


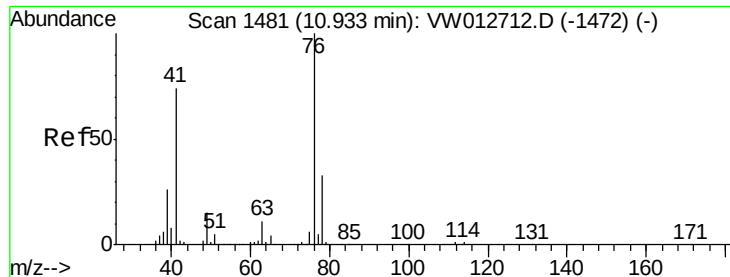
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

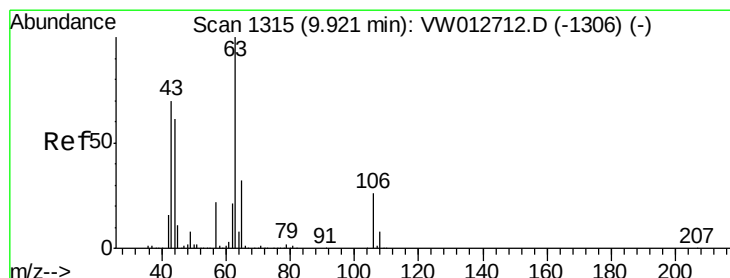
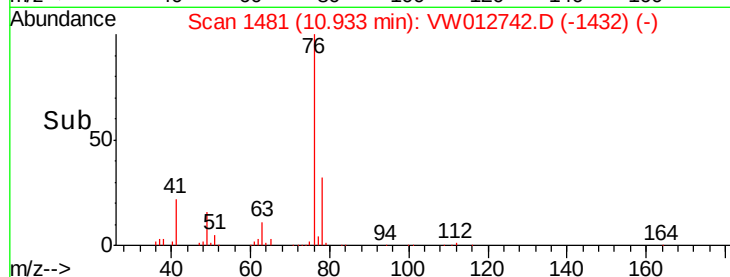
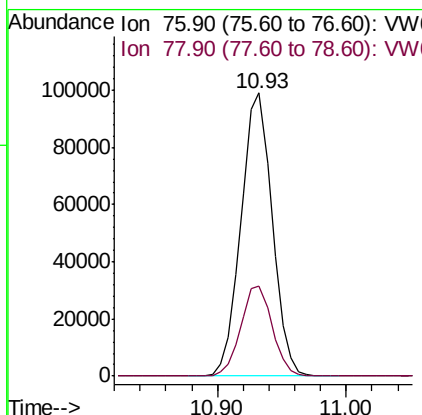
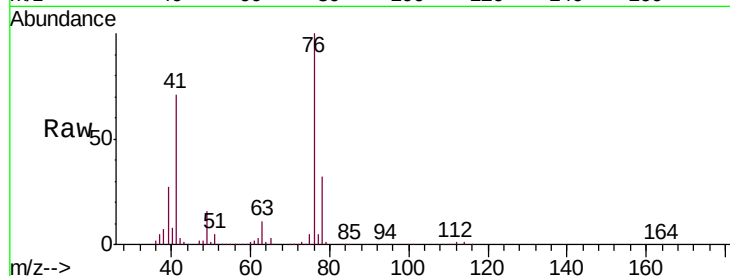




#57
 1,3-Dichloropropane
 Concen: 54.705 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012742.D
 Acq: 08 Sep 2019 01:56

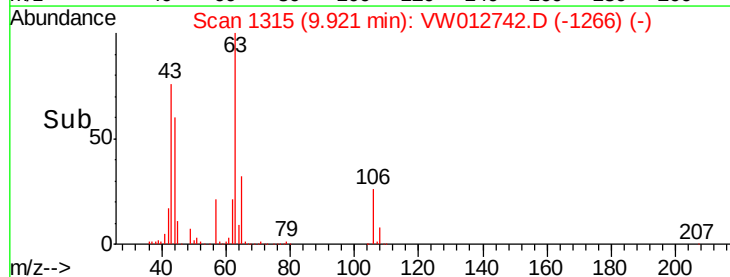
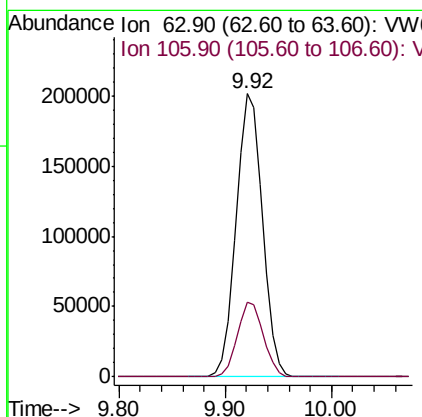
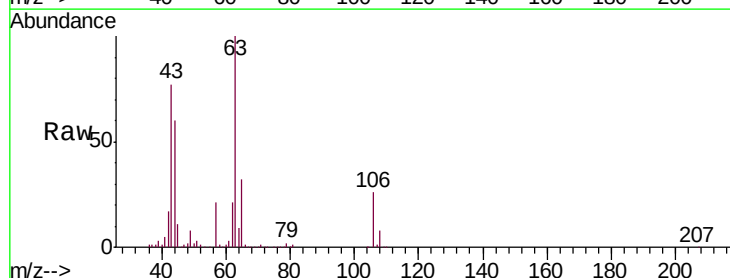
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

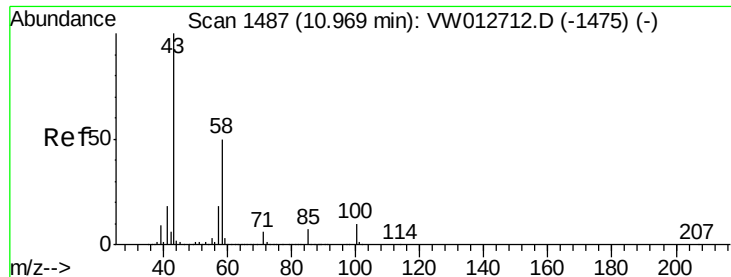
Tgt Ion: 76 Resp: 166071
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 274.928 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012742.D
 Acq: 08 Sep 2019 01:56

Tgt Ion: 63 Resp: 350587
 Ion Ratio Lower Upper
 63 100
 106 26.1 20.5 30.7

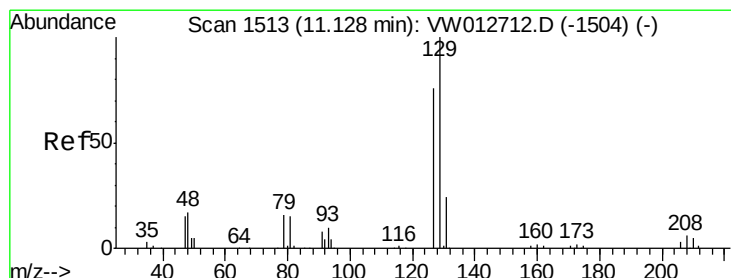
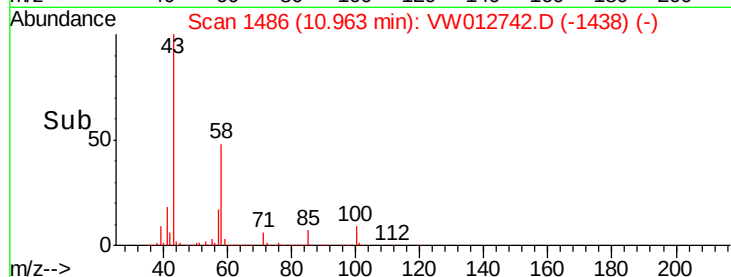
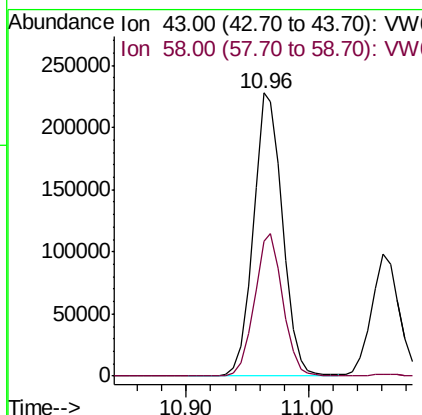
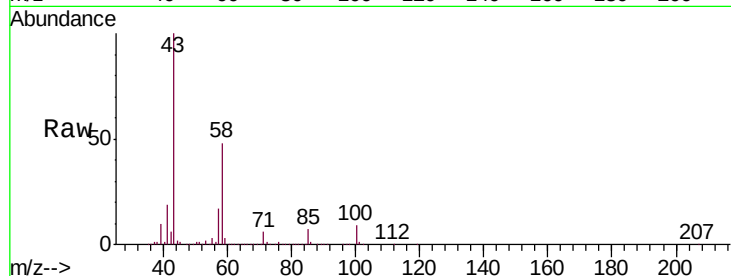




#59
2-Hexanone
Concen: 270.231 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VW012742.D
Acq: 08 Sep 2019 01:56

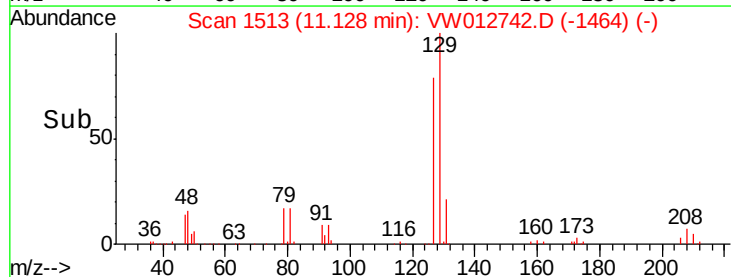
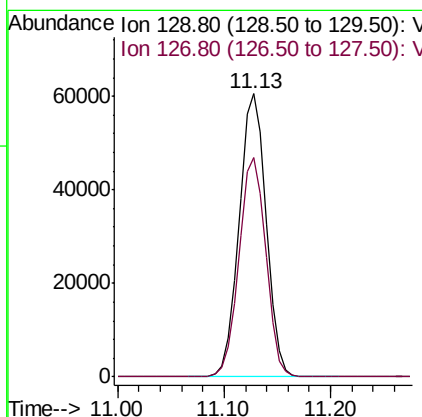
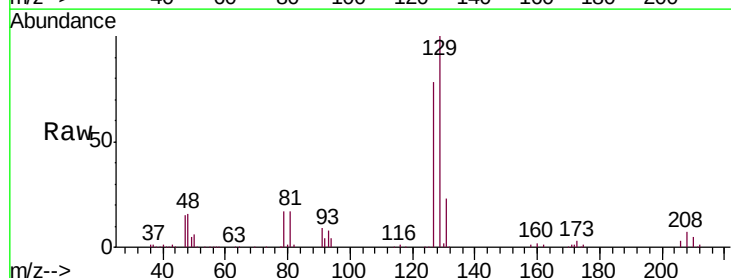
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

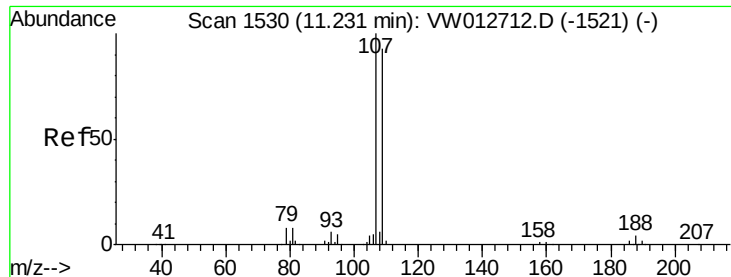
Tgt Ion: 43 Resp: 376336
Ion Ratio Lower Upper
43 100
58 49.0 24.7 74.1



#60
Dibromochloromethane
Concen: 55.954 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012742.D
Acq: 08 Sep 2019 01:56

Tgt Ion: 129 Resp: 107985
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.8

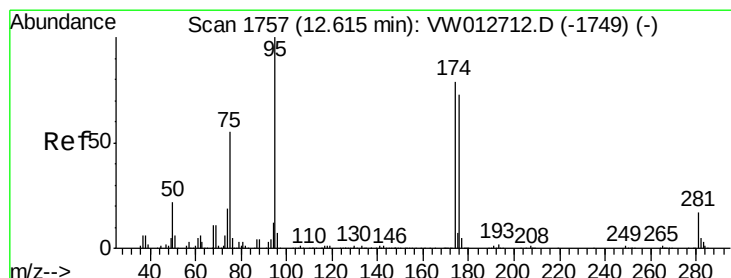
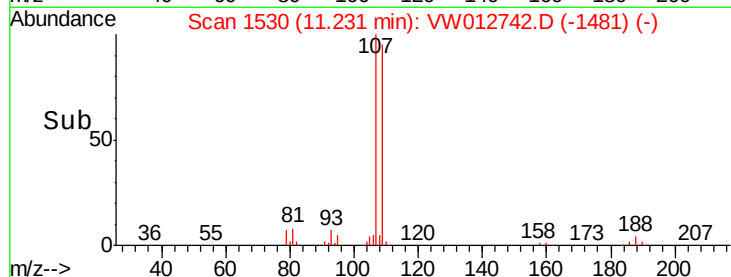
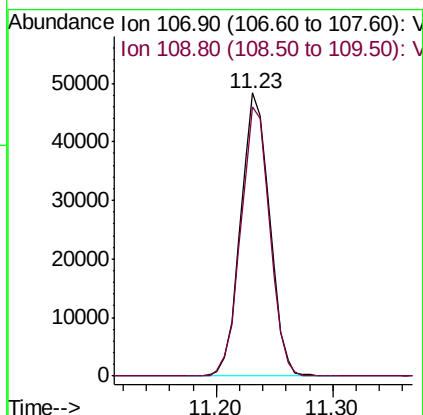
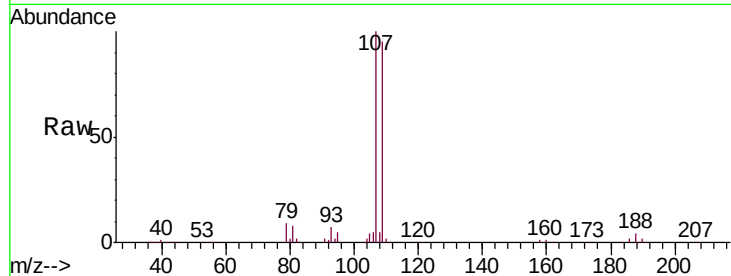




#61
 1,2-Dibromoethane
 Concen: 55.856 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW012742.D
 Acq: 08 Sep 2019 01:56

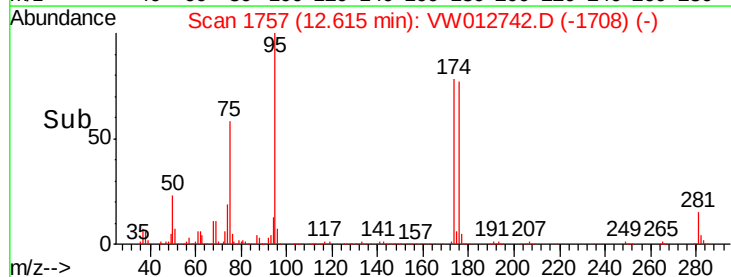
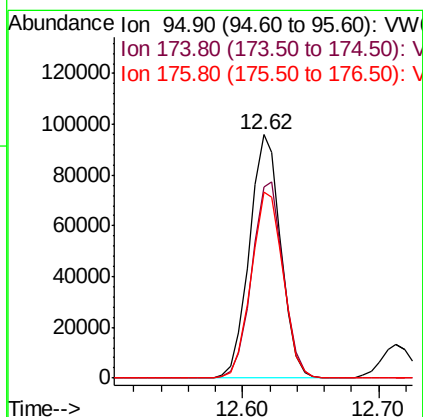
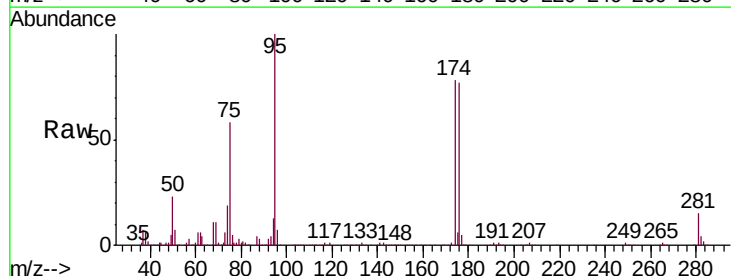
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

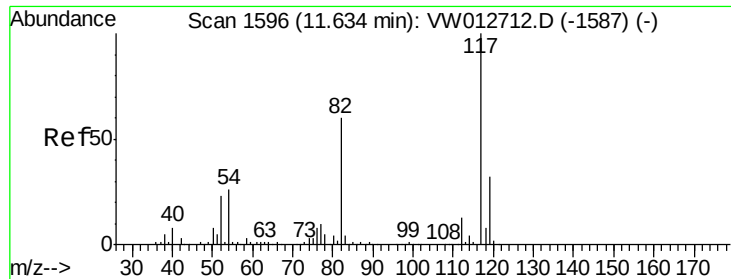
Tgt Ion: 107 Resp: 84031
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 54.070 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012742.D
 Acq: 08 Sep 2019 01:56

Tgt Ion: 95 Resp: 154776
 Ion Ratio Lower Upper
 95 100
 174 80.7 0.0 161.0
 176 78.2 0.0 156.4

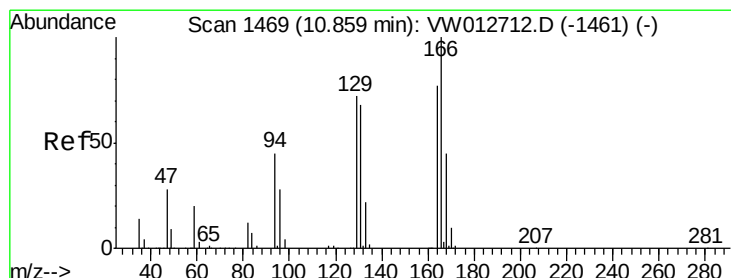
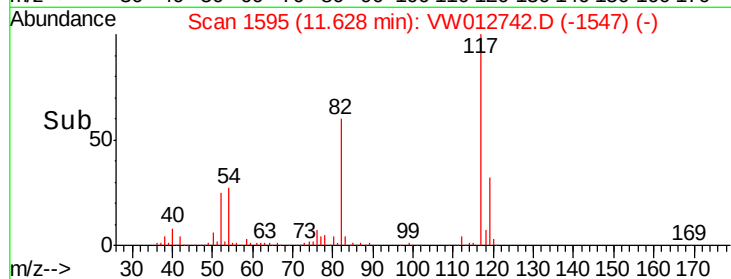
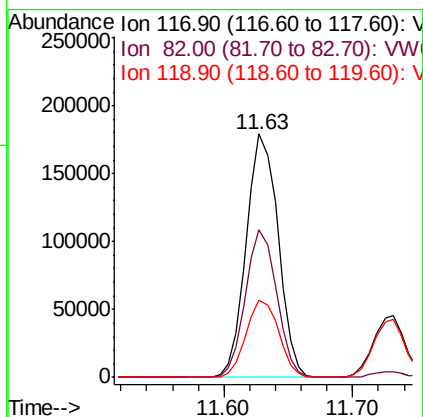
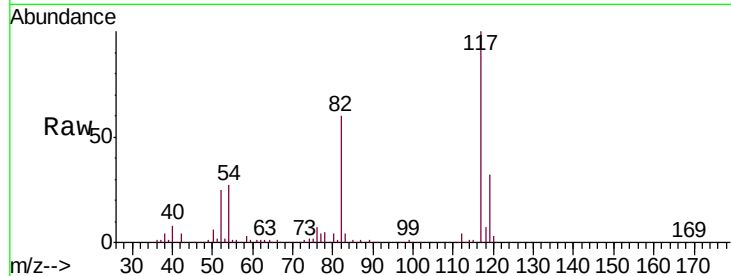




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012742.D
Acq: 08 Sep 2019 01:56

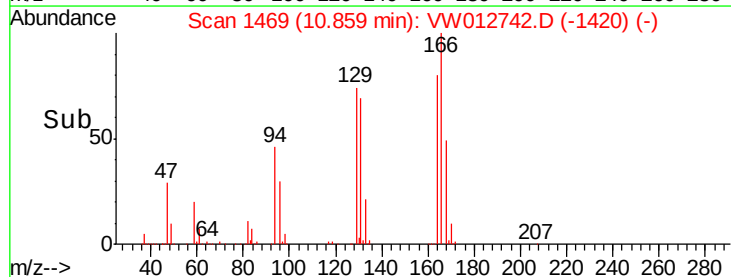
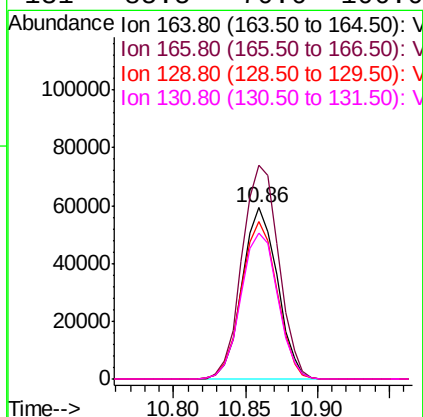
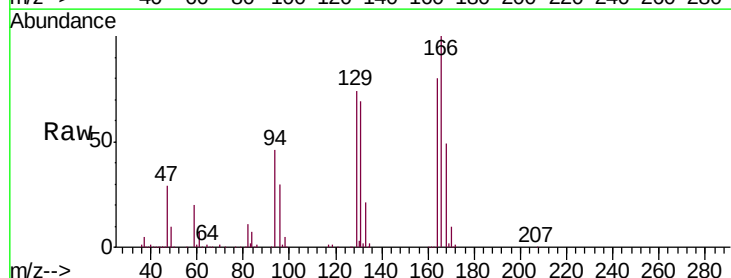
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

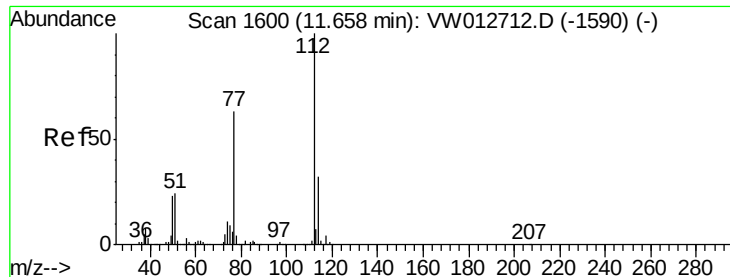
Tgt Ion:117 Resp: 306603
Ion Ratio Lower Upper
117 100
82 60.4 48.2 72.4
119 31.5 25.8 38.6



#64
Tetrachloroethene
Concen: 53.957 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012742.D
Acq: 08 Sep 2019 01:56

Tgt Ion:164 Resp: 100382
Ion Ratio Lower Upper
164 100
166 124.8 103.6 155.4
129 91.8 74.6 112.0
131 85.5 70.6 106.0

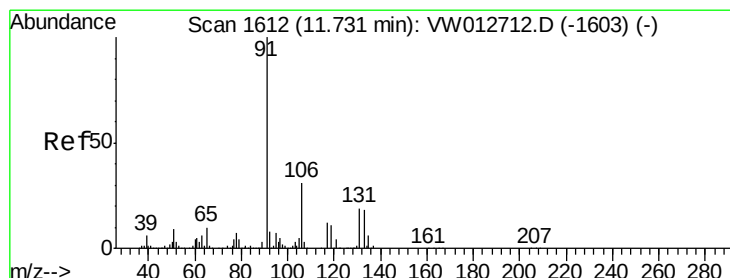
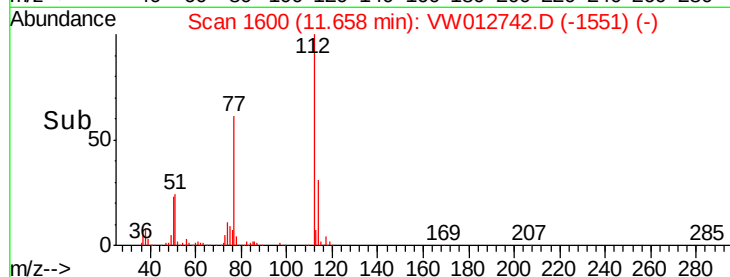
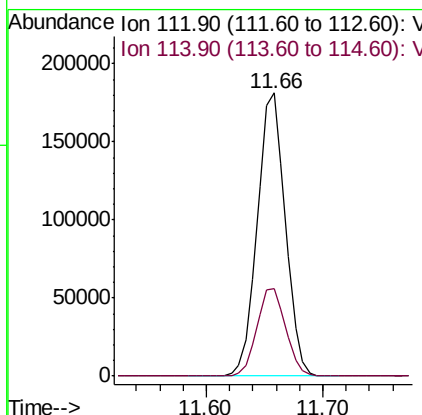
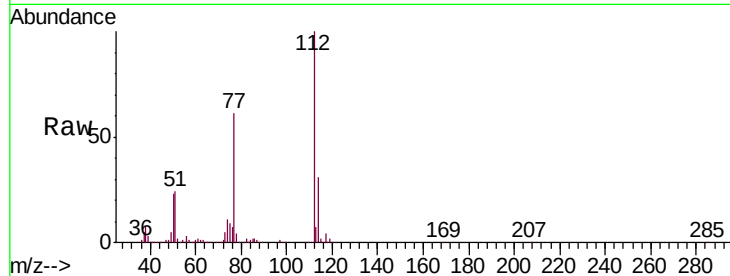




#65
Chlorobenzene
Concen: 52.095 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012742.D
Acq: 08 Sep 2019 01:56

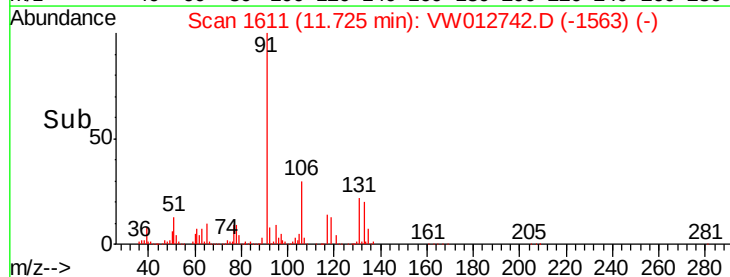
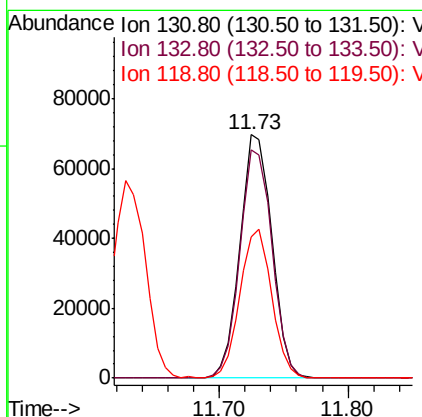
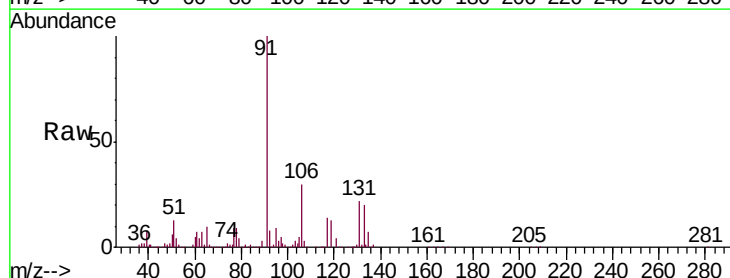
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

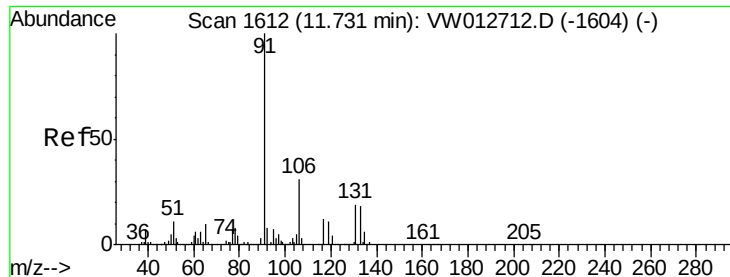
Tgt Ion:112 Resp: 301883
Ion Ratio Lower Upper
112 100
114 30.9 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 55.255 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW012742.D
Acq: 08 Sep 2019 01:56

Tgt Ion:131 Resp: 119243
Ion Ratio Lower Upper
131 100
133 94.9 47.6 142.8
119 61.0 30.6 92.0

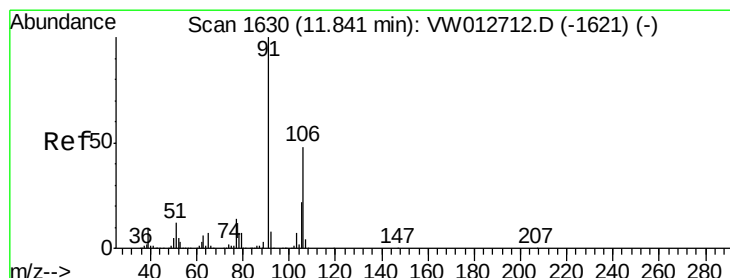
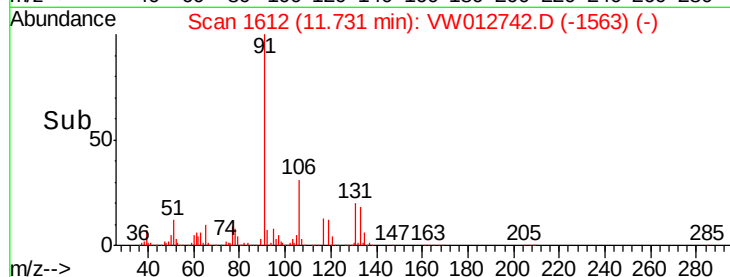
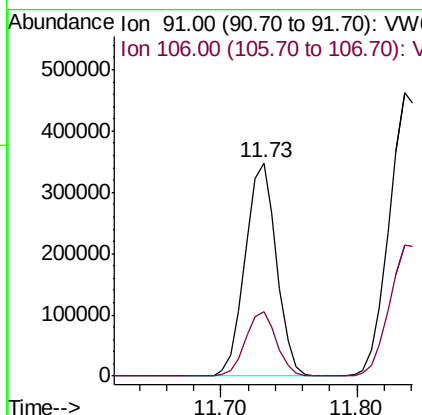
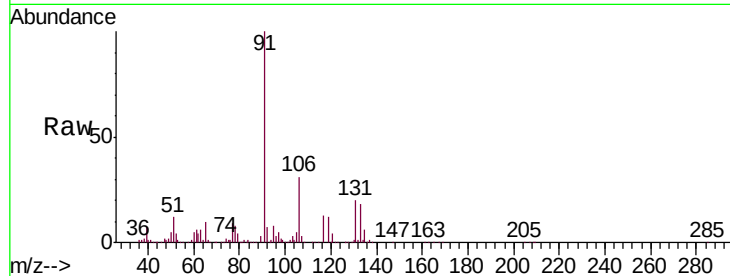




#67
Ethyl Benzene
Concen: 51.613 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012742.D
Acq: 08 Sep 2019 01:56

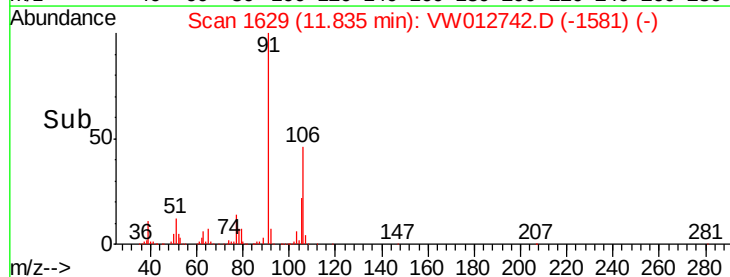
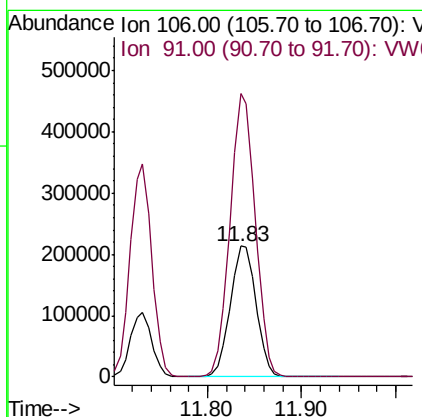
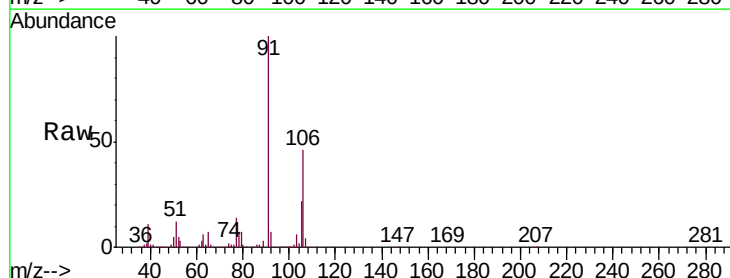
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

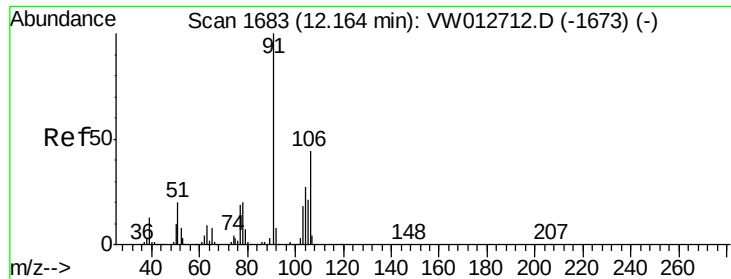
Tgt Ion: 91 Resp: 561167
Ion Ratio Lower Upper
91 100
106 30.5 24.4 36.6



#68
m/p-Xylenes
Concen: 103.149 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012742.D
Acq: 08 Sep 2019 01:56

Tgt Ion: 106 Resp: 404810
Ion Ratio Lower Upper
106 100
91 211.7 168.2 252.4

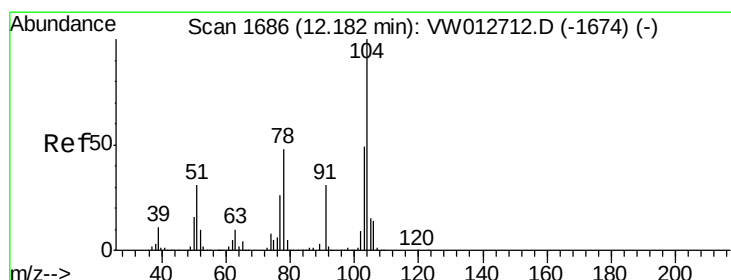
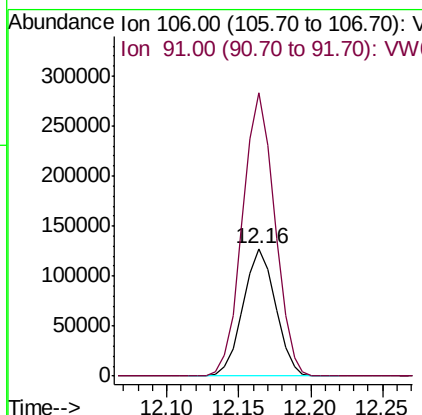
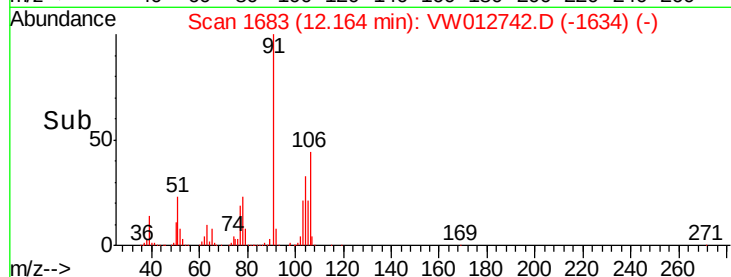
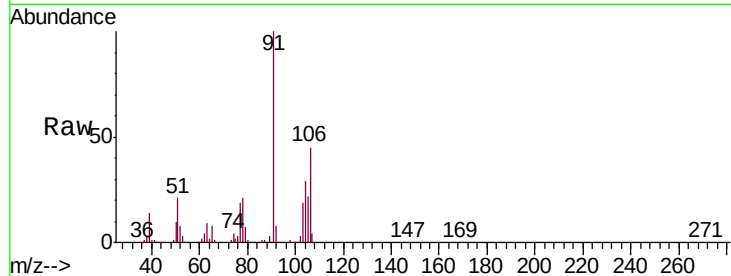




#69
o-Xylene
Concen: 53.766 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012742.D
Acq: 08 Sep 2019 01:56

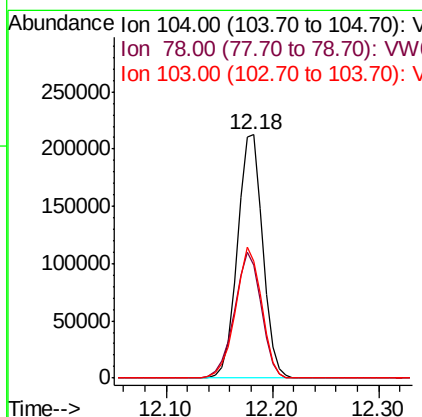
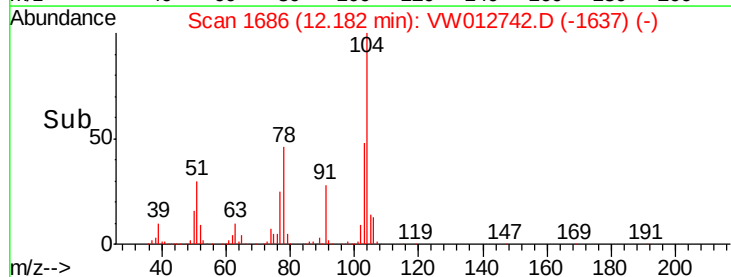
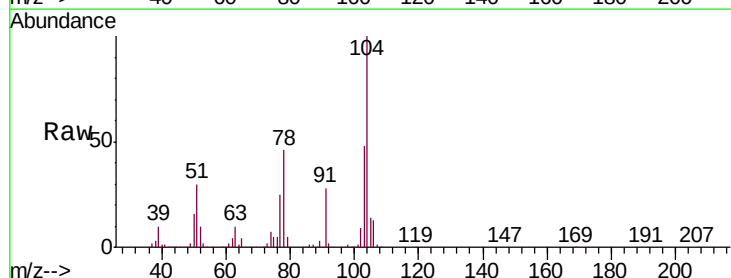
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

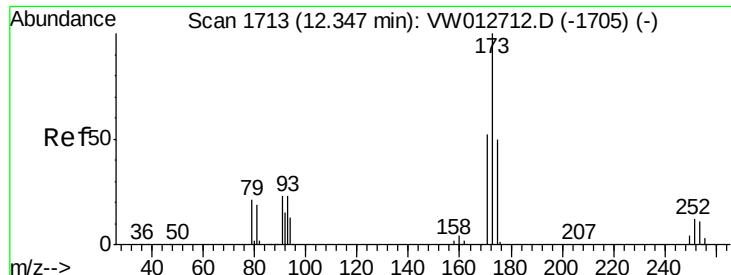
Tgt Ion:106 Resp: 199067
Ion Ratio Lower Upper
106 100
91 221.6 112.3 336.8



#70
Styrene
Concen: 54.321 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012742.D
Acq: 08 Sep 2019 01:56

Tgt Ion:104 Resp: 355398
Ion Ratio Lower Upper
104 100
78 54.9 43.3 64.9
103 55.3 44.0 66.0

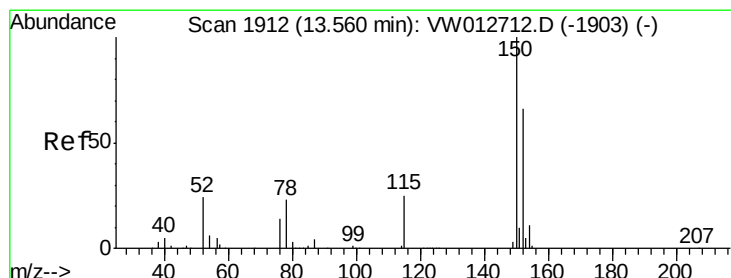
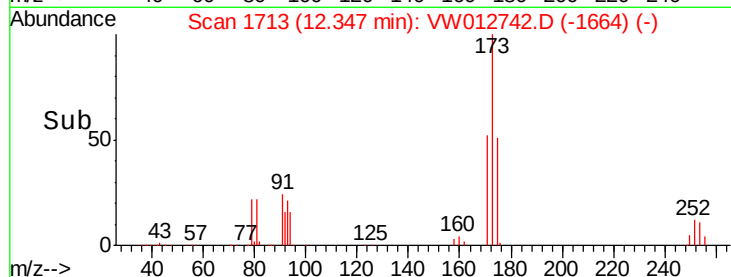
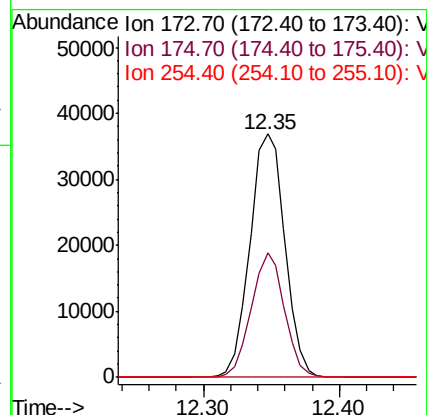
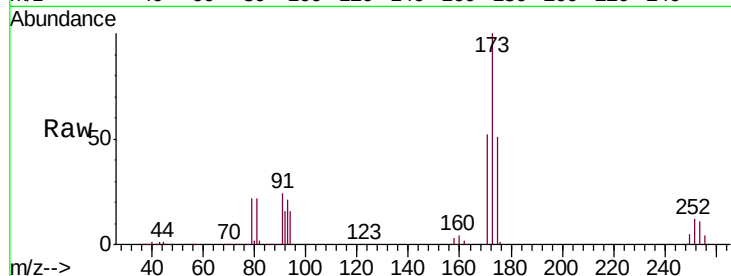




#71
Bromoform
Concen: 55.404 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW012742.D
Acq: 08 Sep 2019 01:56

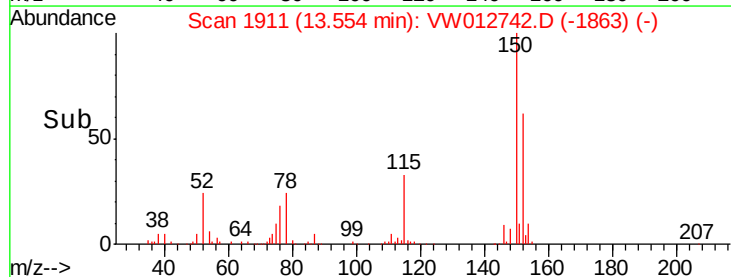
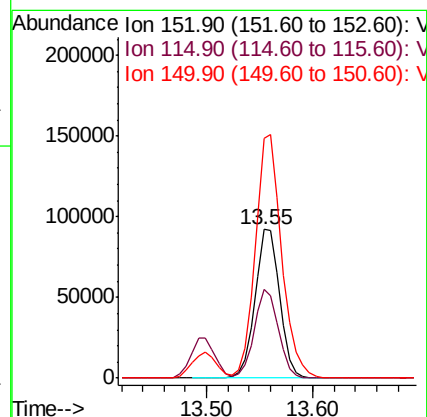
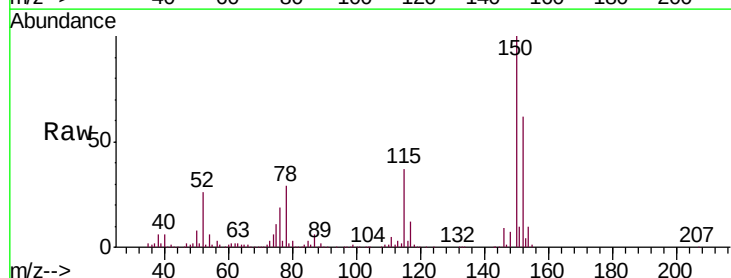
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

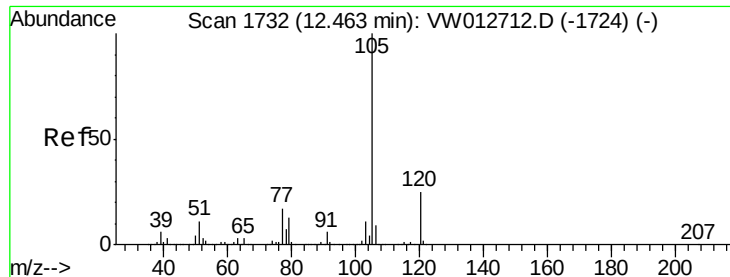
Tgt Ion:173 Resp: 66428
Ion Ratio Lower Upper
173 100
175 48.5 24.8 74.3
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012742.D
Acq: 08 Sep 2019 01:56

Tgt Ion:152 Resp: 148984
Ion Ratio Lower Upper
152 100
115 58.5 30.0 90.1
150 175.0 0.0 349.0

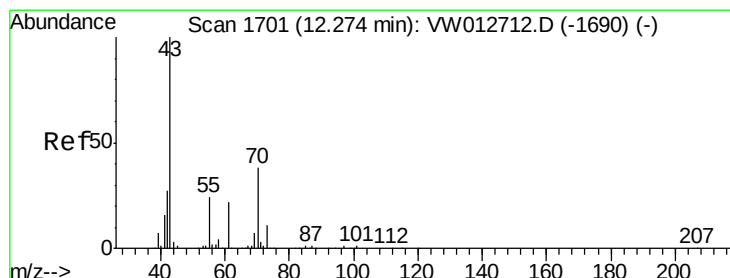
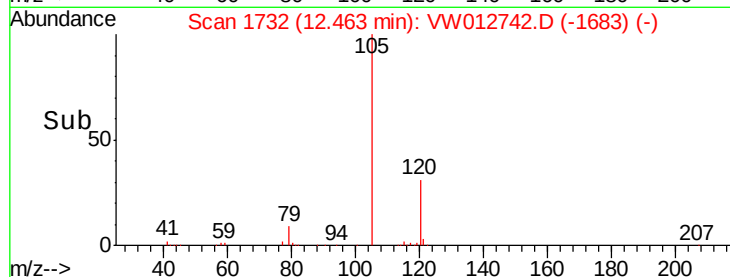
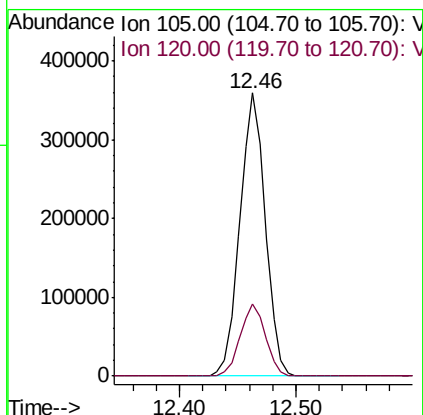
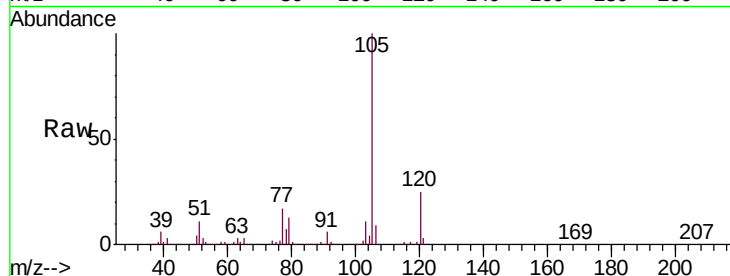




#73
Isopropylbenzene
Concen: 51.200 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW012742.D
Acq: 08 Sep 2019 01:56

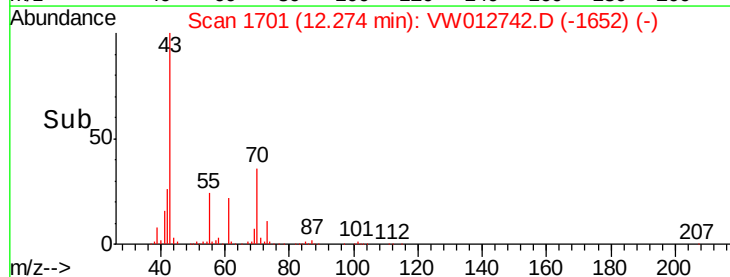
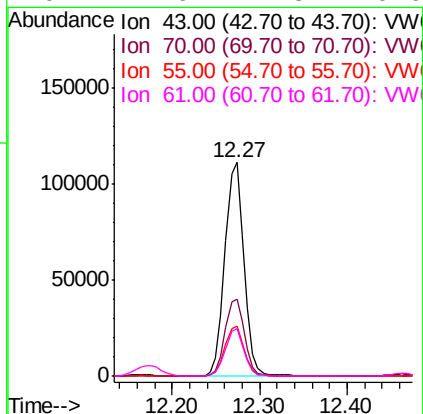
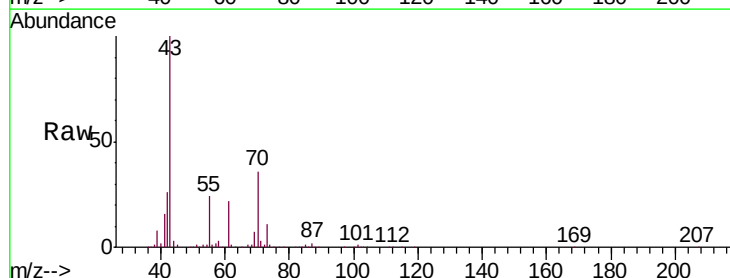
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

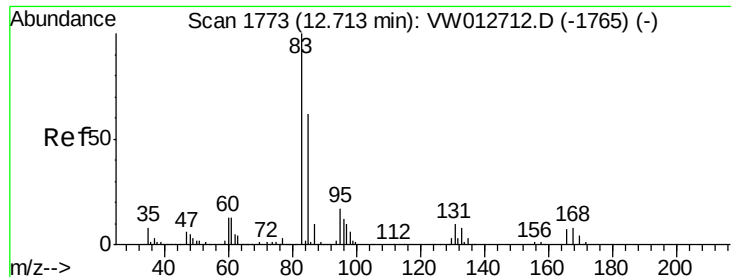
Tgt Ion: 105 Resp: 547097
Ion Ratio Lower Upper
105 100
120 25.4 13.0 38.9



#74
N-ethyl acetate
Concen: 49.780 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW012742.D
Acq: 08 Sep 2019 01:56

Tgt Ion: 43 Resp: 168843
Ion Ratio Lower Upper
43 100
70 36.9 29.4 44.0
55 23.6 18.6 27.8
61 21.6 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 55.017 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012742.D

Acq: 08 Sep 2019 01:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

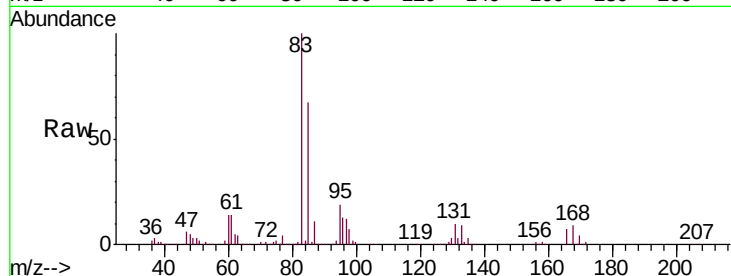
Tgt Ion: 83 Resp: 118064

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.4

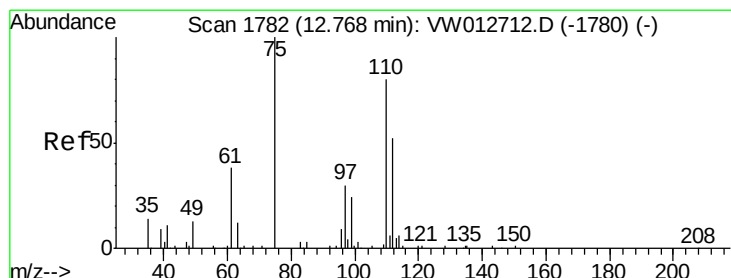
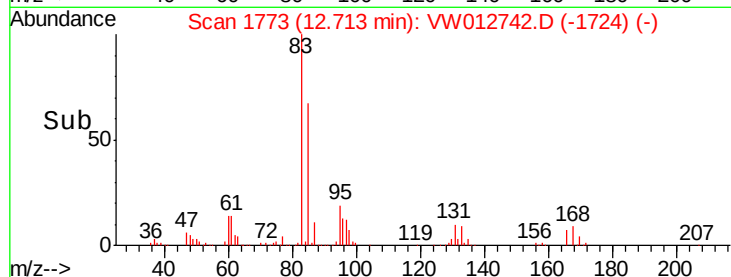
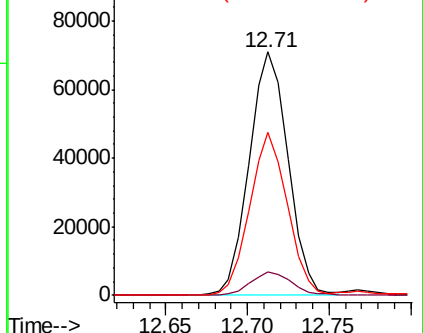
85 64.5 31.4 94.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 102.092 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012742.D

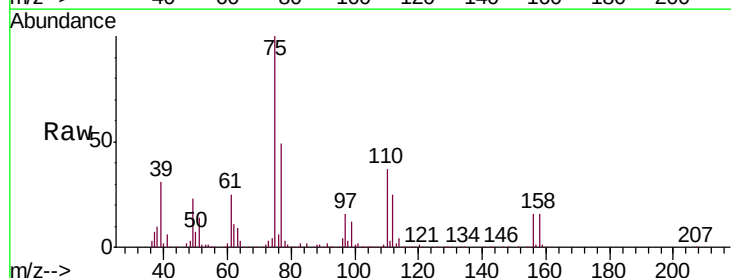
Acq: 08 Sep 2019 01:56

Tgt Ion: 75 Resp: 155530

Ion Ratio Lower Upper

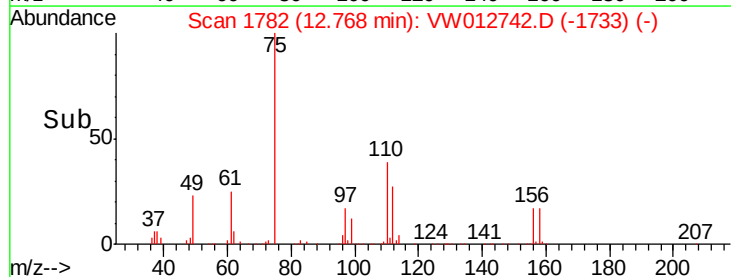
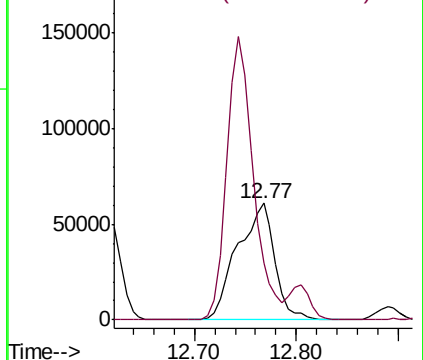
75 100

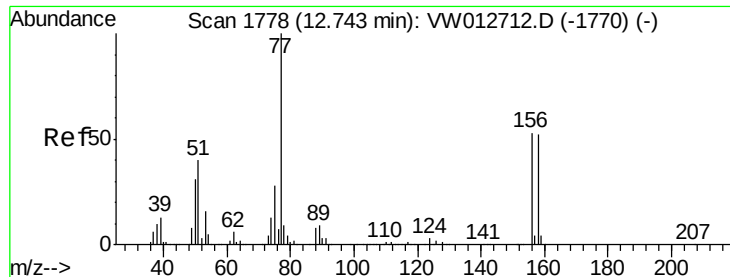
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 54.434 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW012742.D

Acq: 08 Sep 2019 01:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

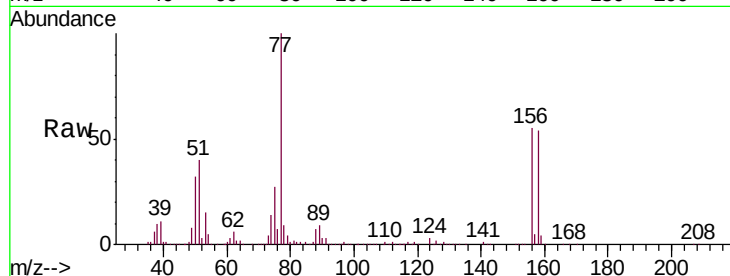
Tgt Ion:156 Resp: 131779

Ion Ratio Lower Upper

156 100

77 203.4 102.3 306.9

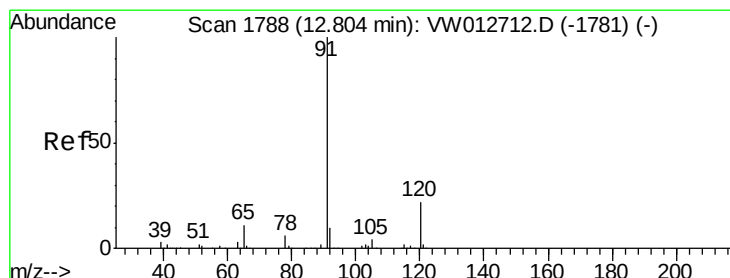
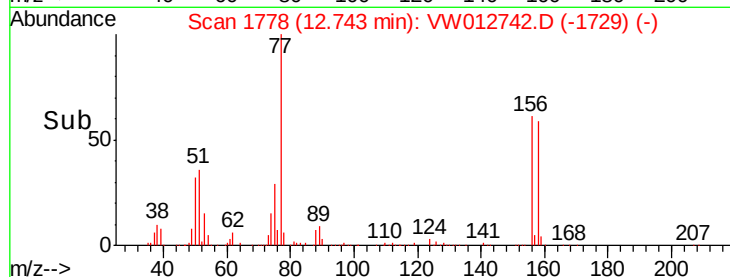
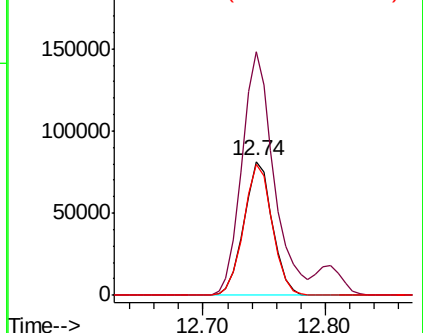
158 97.9 48.9 146.8



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: 52.279 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012742.D

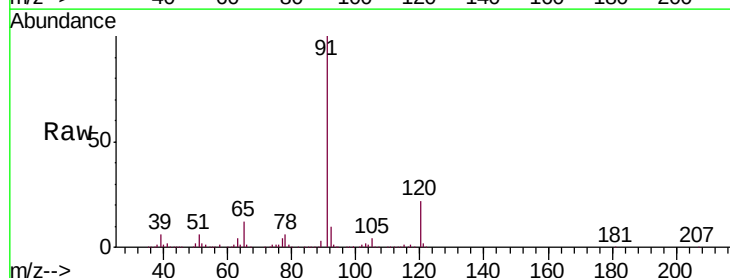
Acq: 08 Sep 2019 01:56

Tgt Ion: 91 Resp: 668119

Ion Ratio Lower Upper

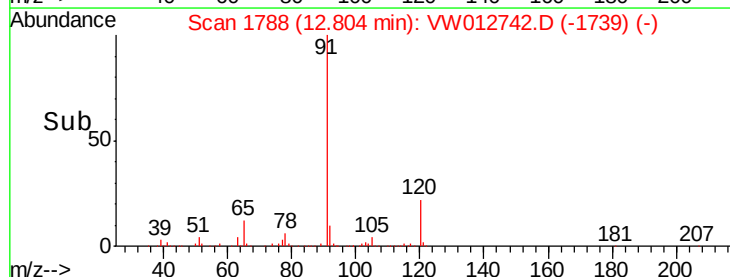
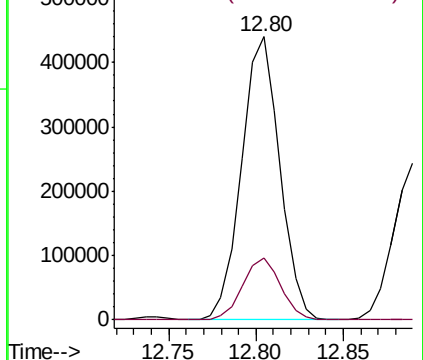
91 100

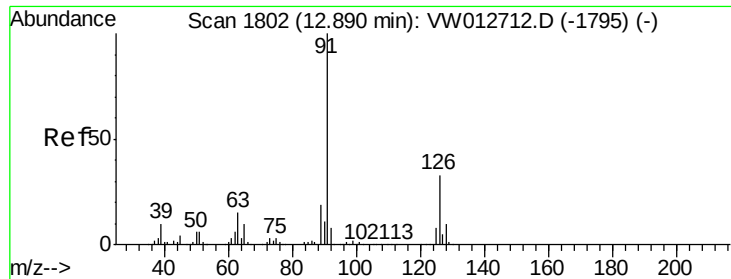
120 21.9 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.018 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012742.D

Acq: 08 Sep 2019 01:56

Instrument :

MSVOA_W

ClientSampleId :

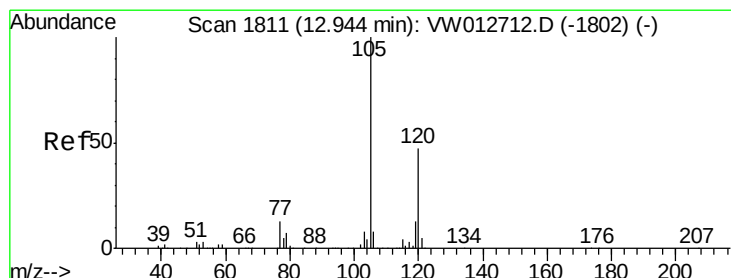
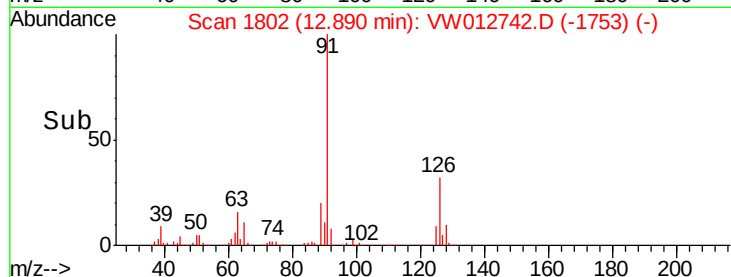
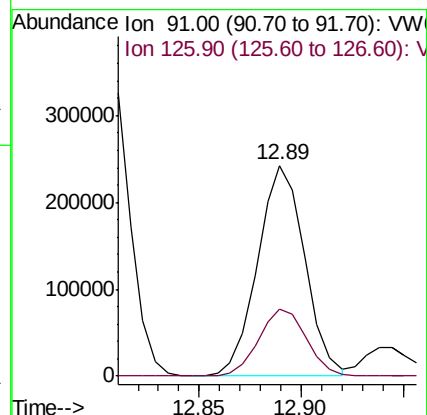
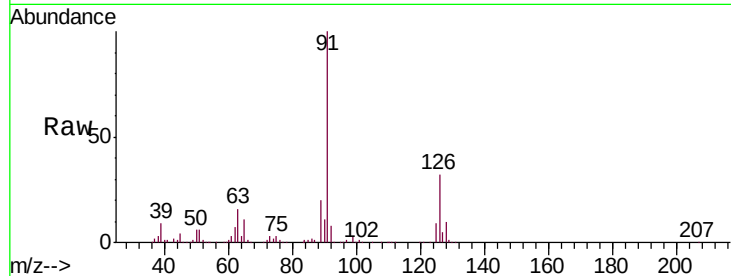
VSTDCCC050

Tgt Ion: 91 Resp: 388971

Ion Ratio Lower Upper

91 100

126 32.3 16.1 48.3



#80

1,3,5-Trimethylbenzene

Concen: 53.783 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012742.D

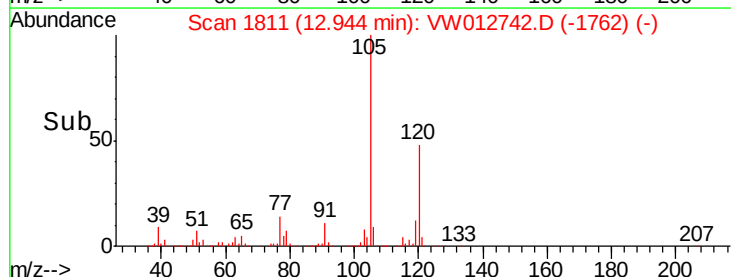
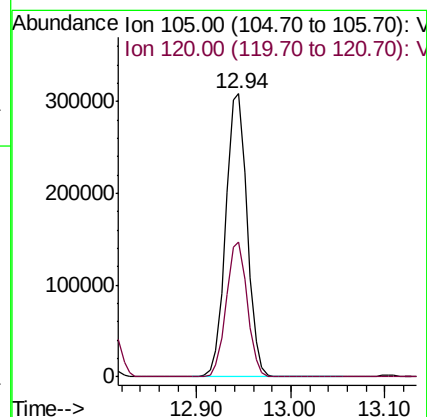
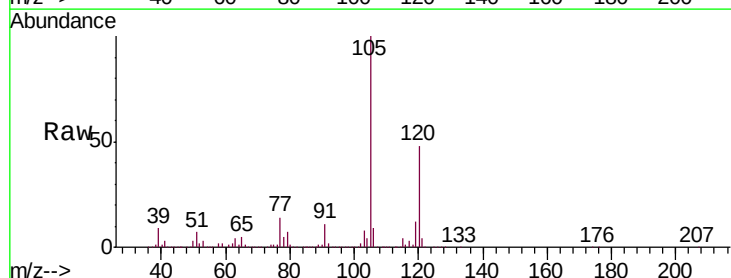
Acq: 08 Sep 2019 01:56

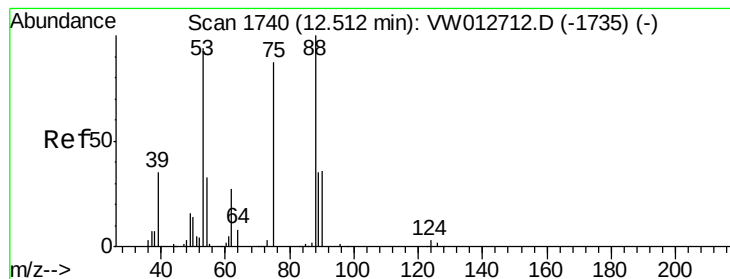
Tgt Ion: 105 Resp: 484264

Ion Ratio Lower Upper

105 100

120 47.1 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 49.746 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012742.D

Acq: 08 Sep 2019 01:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

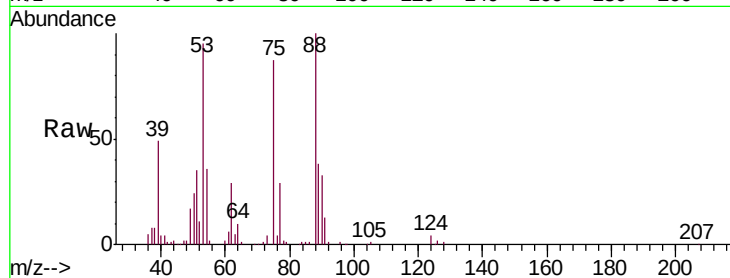
Tgt Ion: 75 Resp: 35831

Ion Ratio Lower Upper

75 100

53 117.3 87.6 131.4

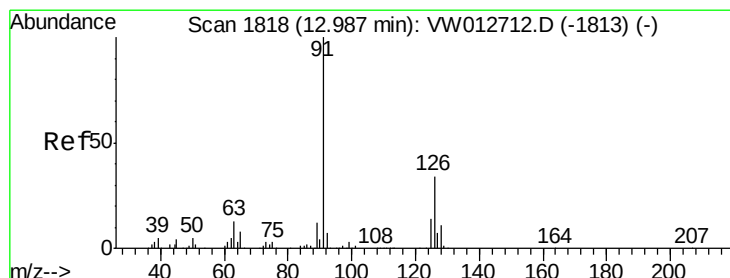
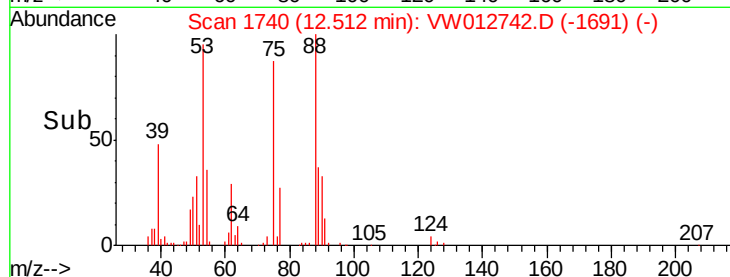
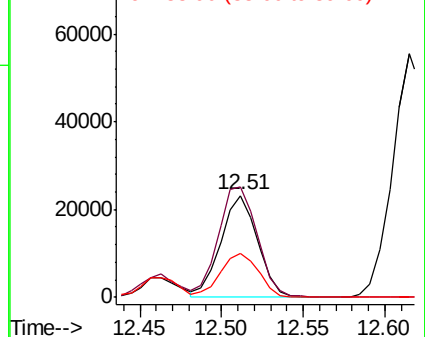
89 45.0 35.5 53.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 53.521 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW012742.D

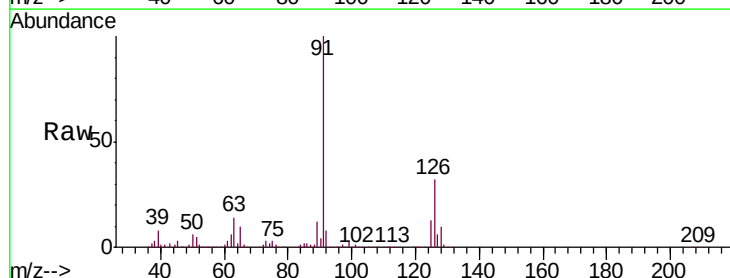
Acq: 08 Sep 2019 01:56

Tgt Ion: 91 Resp: 415346

Ion Ratio Lower Upper

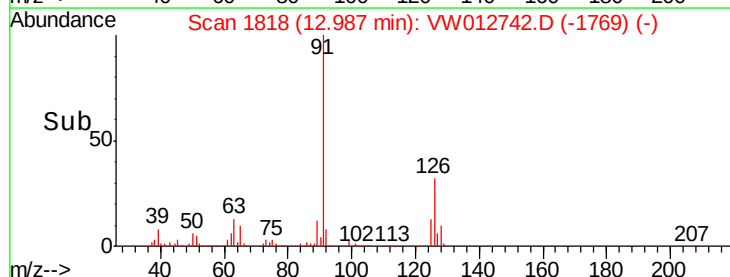
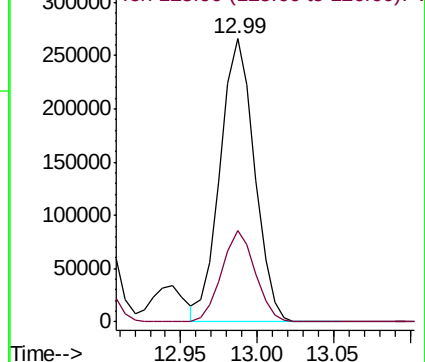
91 100

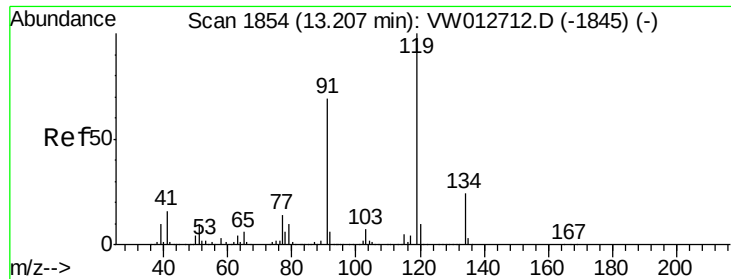
126 31.6 15.9 47.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): VW

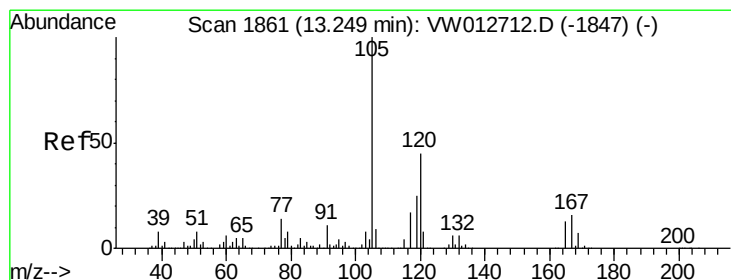
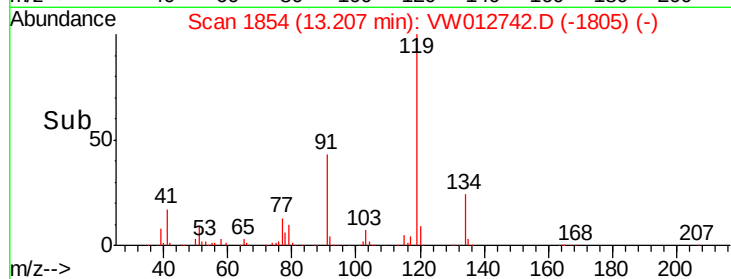
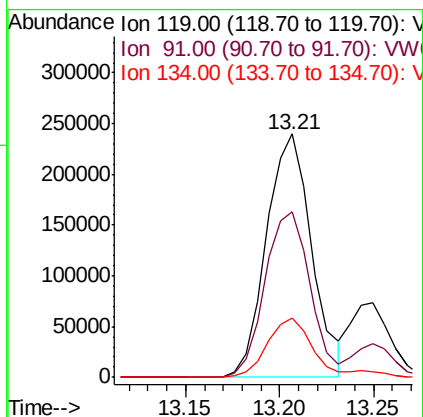
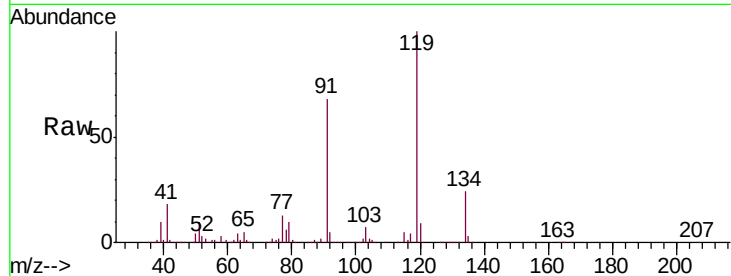




#83
 tert-Butylbenzene
 Concen: 50.206 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012742.D
 Acq: 08 Sep 2019 01:56

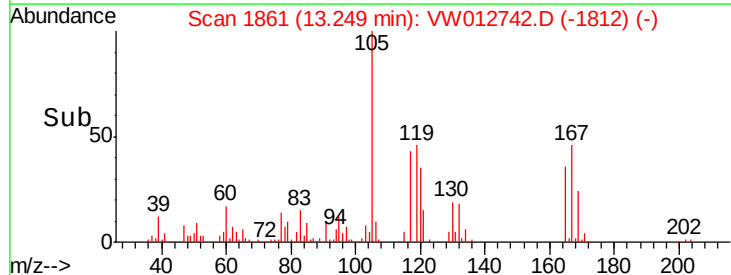
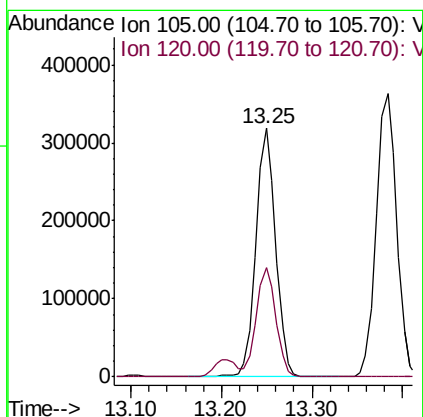
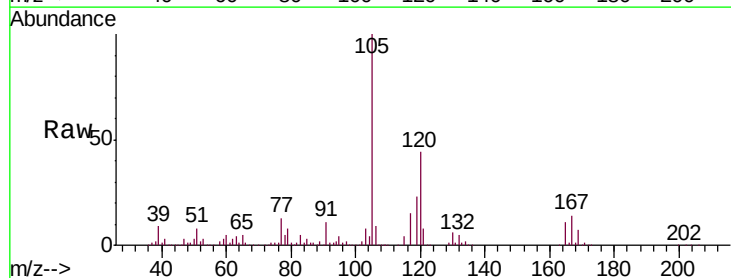
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

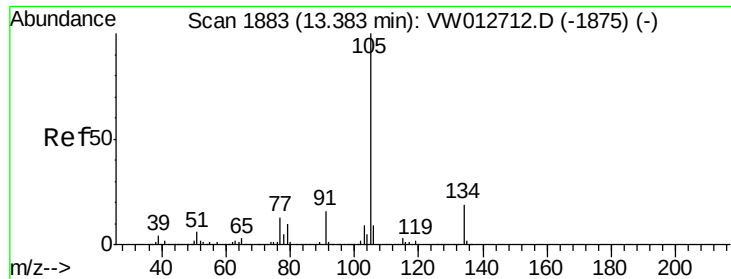
Tgt Ion:119 Resp: 399715
 Ion Ratio Lower Upper
 119 100
 91 67.9 34.2 102.5
 134 24.0 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 52.842 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012742.D
 Acq: 08 Sep 2019 01:56

Tgt Ion:105 Resp: 479421
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.1 66.3





#85

sec-Butylbenzene

Concen: 51.125 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW012742.D

Acq: 08 Sep 2019 01:56

Instrument :

MSVOA_W

ClientSampleId :

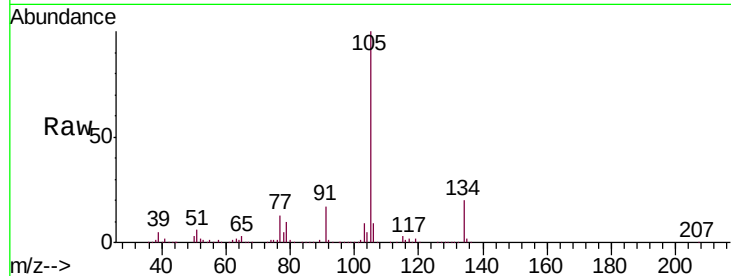
VSTDCCC050

Tgt Ion:105 Resp: 564808

Ion Ratio Lower Upper

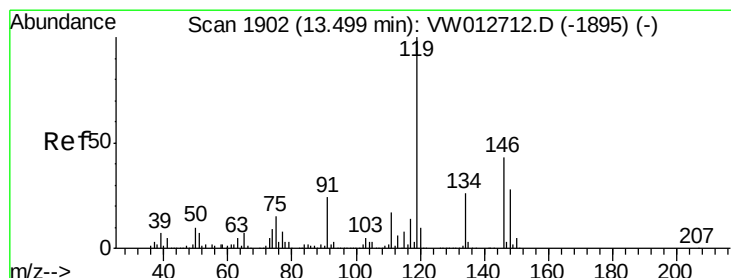
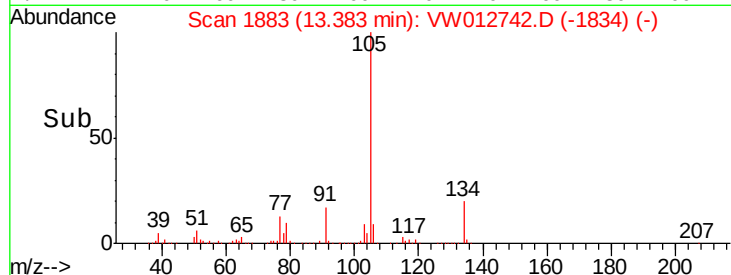
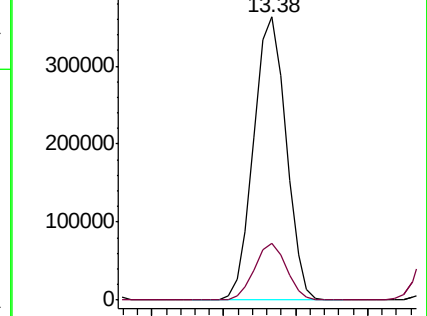
105 100

134 19.6 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.064 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012742.D

Acq: 08 Sep 2019 01:56

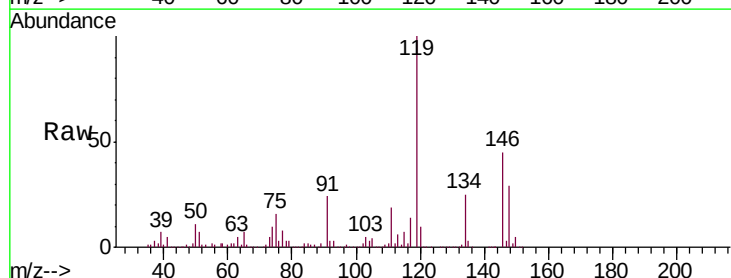
Tgt Ion:119 Resp: 515291

Ion Ratio Lower Upper

119 100

134 25.8 12.7 38.1

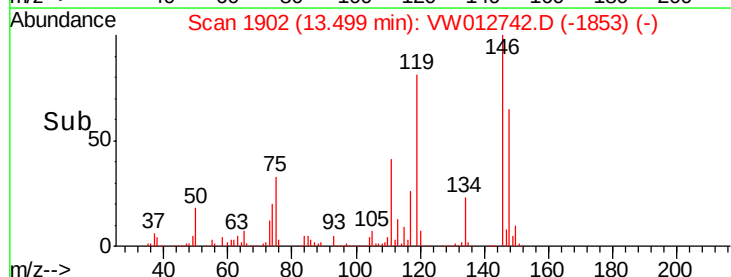
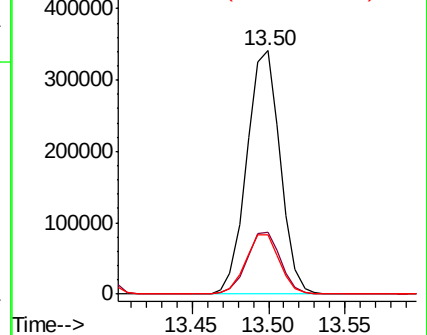
91 24.8 12.2 36.6

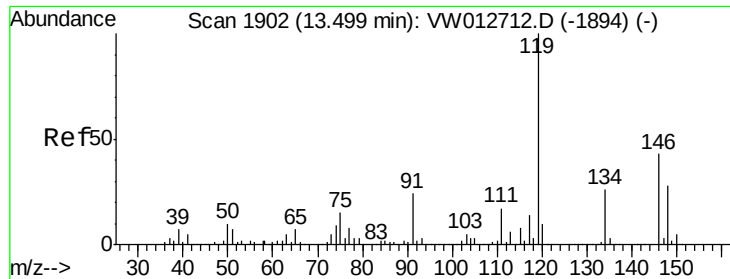


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

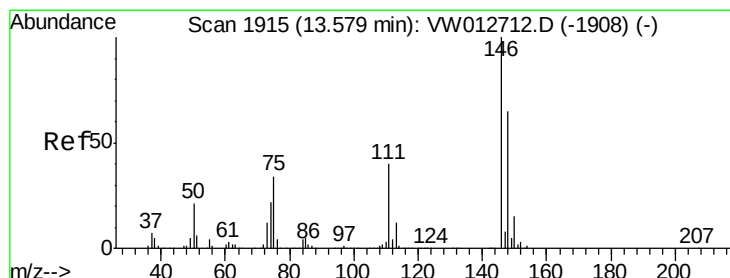
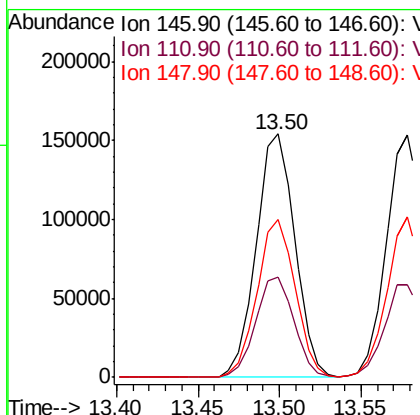
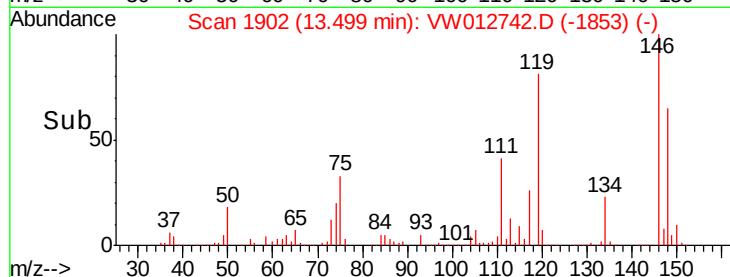
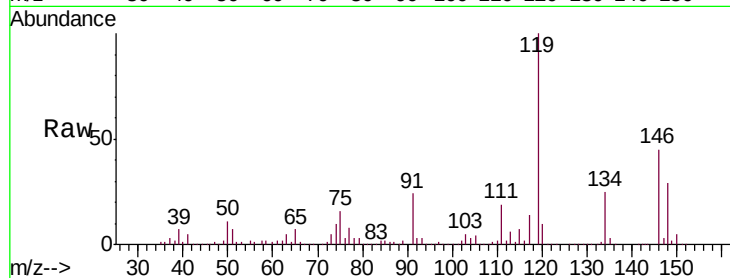




#87
 1,3-Dichlorobenzene
 Concen: 53.243 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012742.D
 Acq: 08 Sep 2019 01:56

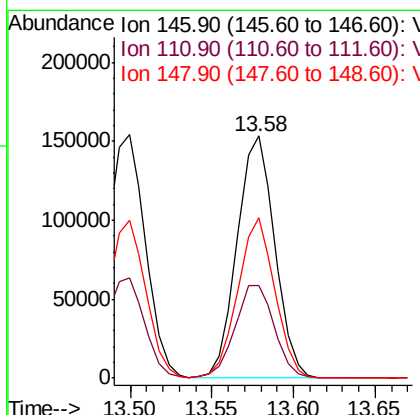
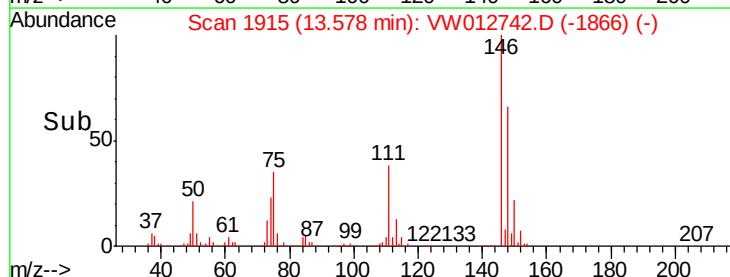
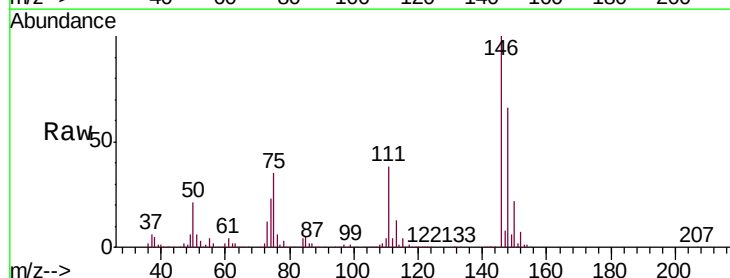
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

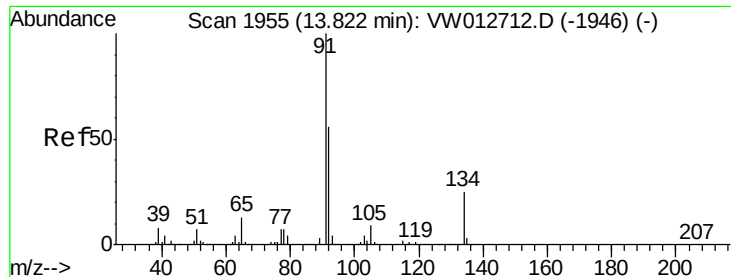
Tgt Ion:146 Resp: 253352
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.4 61.2
 148 63.7 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 52.214 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012742.D
 Acq: 08 Sep 2019 01:56

Tgt Ion:146 Resp: 247230
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 60.0
 148 64.9 32.2 96.6





#89

n-Butylbenzene

Concen: 50.686 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012742.D

Acq: 08 Sep 2019 01:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

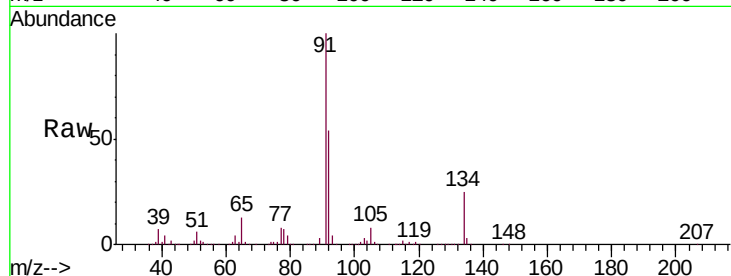
Tgt Ion: 91 Resp: 496557

Ion Ratio Lower Upper

91 100

92 53.6 27.2 81.5

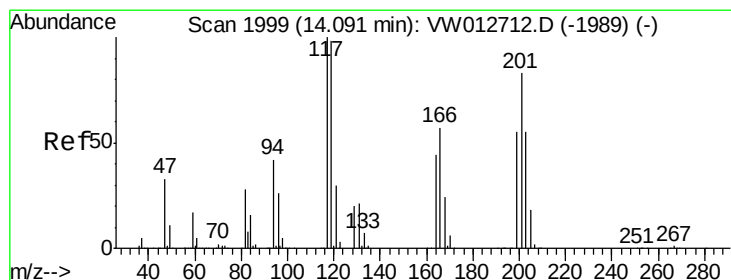
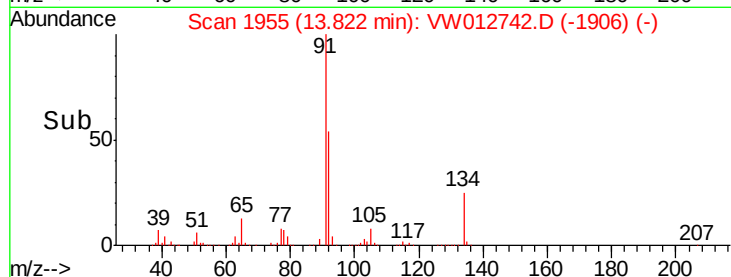
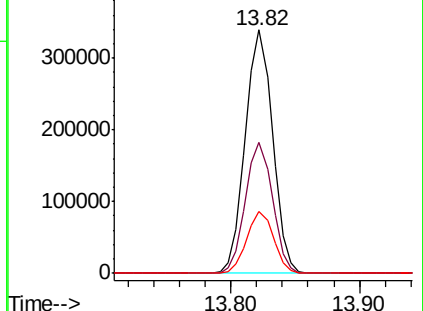
134 25.1 12.7 38.1



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: 54.110 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012742.D

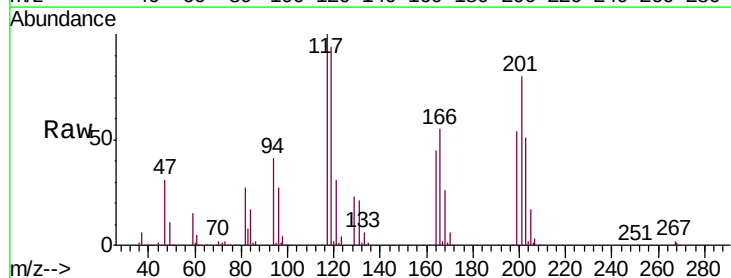
Acq: 08 Sep 2019 01:56

Tgt Ion: 117 Resp: 95322

Ion Ratio Lower Upper

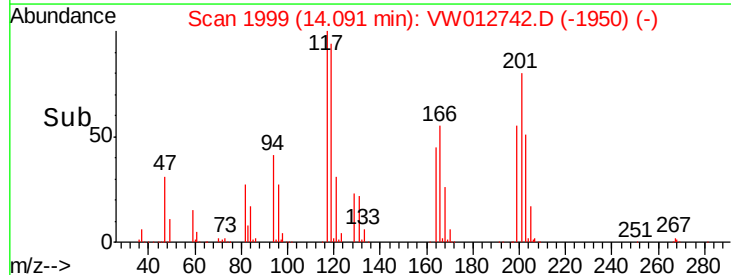
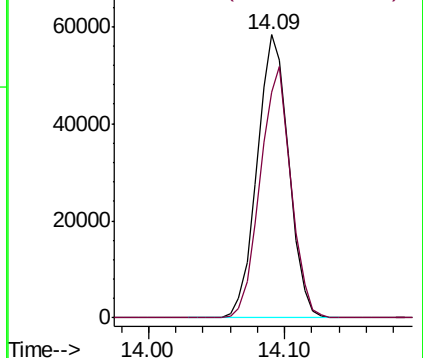
117 100

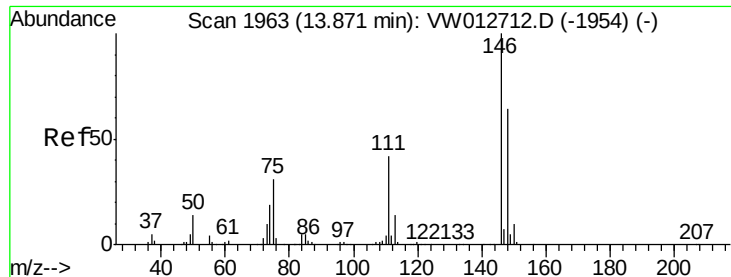
201 85.9 42.8 128.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 54.378 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW012742.D

Acq: 08 Sep 2019 01:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

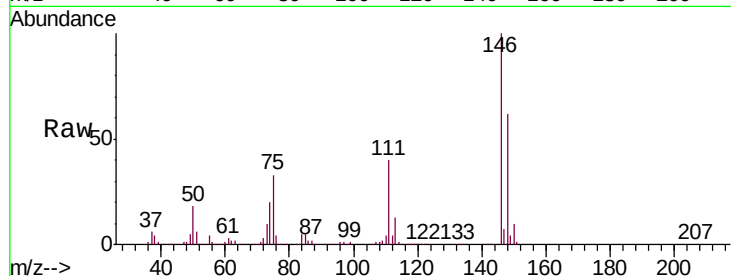
Tgt Ion:146 Resp: 232896

Ion Ratio Lower Upper

146 100

111 42.1 21.3 63.9

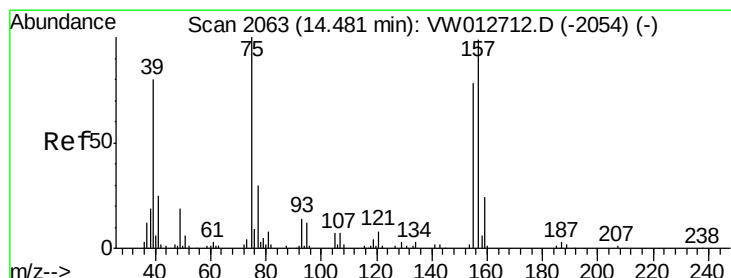
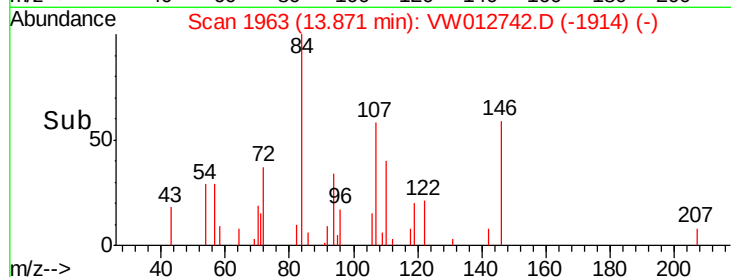
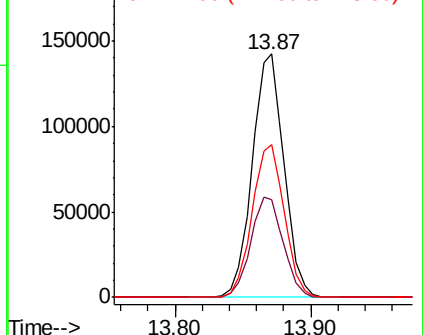
148 63.4 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 56.827 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VW012742.D

Acq: 08 Sep 2019 01:56

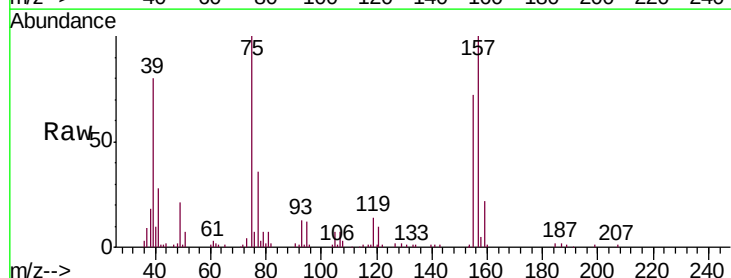
Tgt Ion: 75 Resp: 22317

Ion Ratio Lower Upper

75 100

155 77.3 40.6 122.0

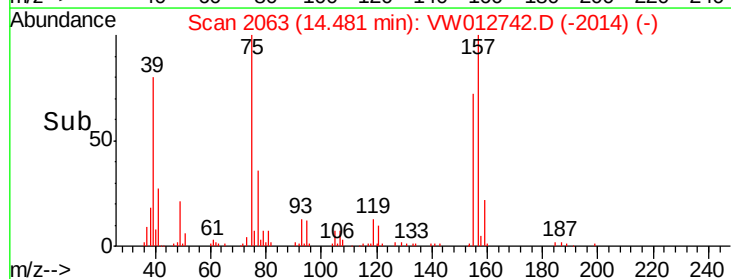
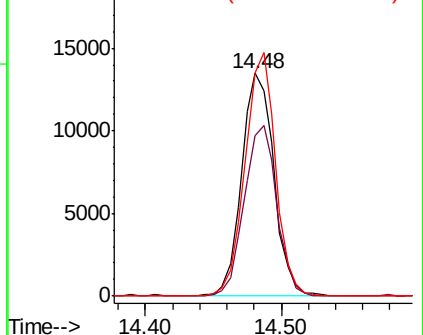
157 103.6 52.5 157.5

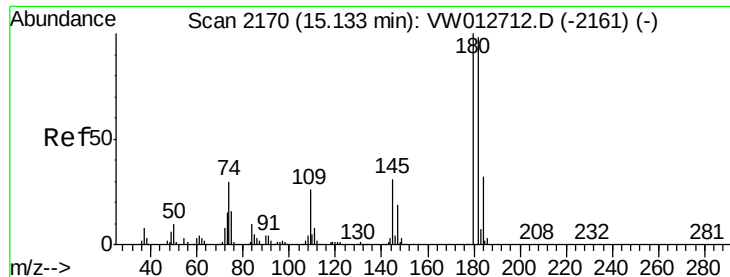


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

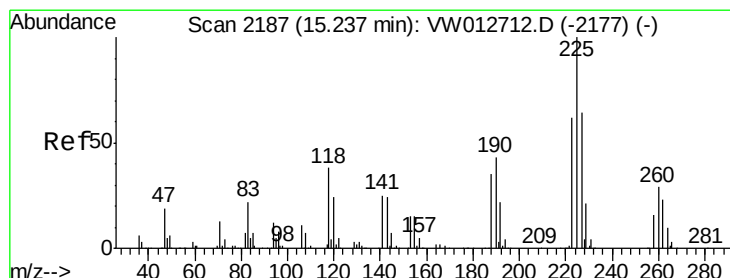
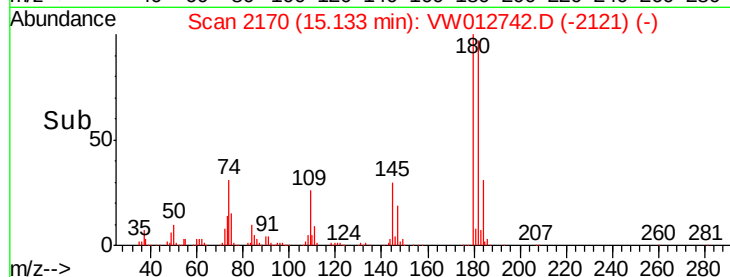
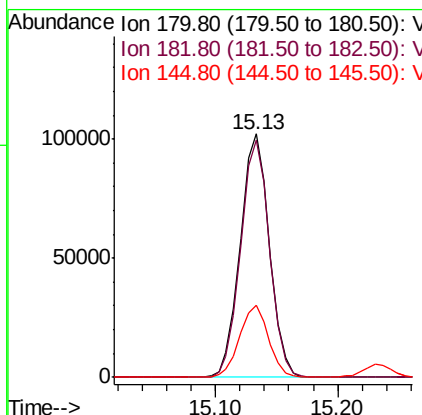
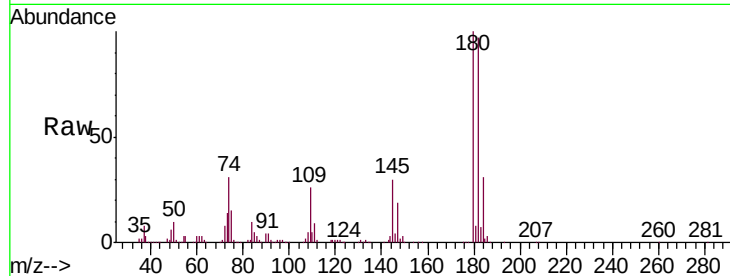




#93
 1,2,4-Trichlorobenzene
 Concen: 56.440 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012742.D
 Acq: 08 Sep 2019 01:56

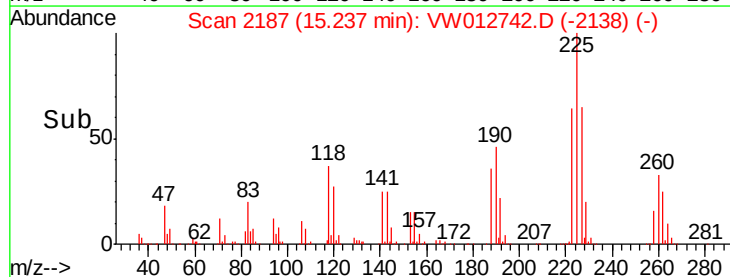
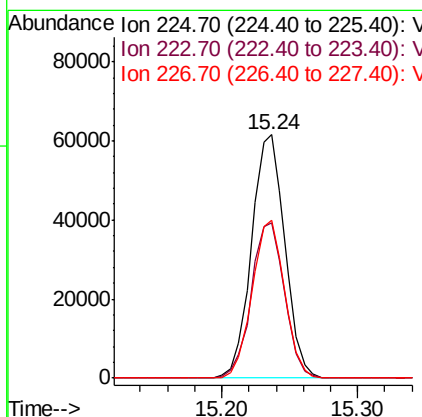
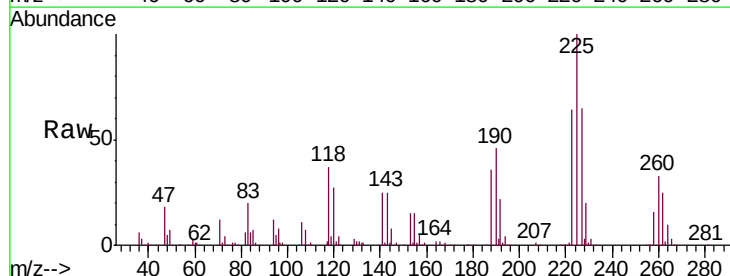
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

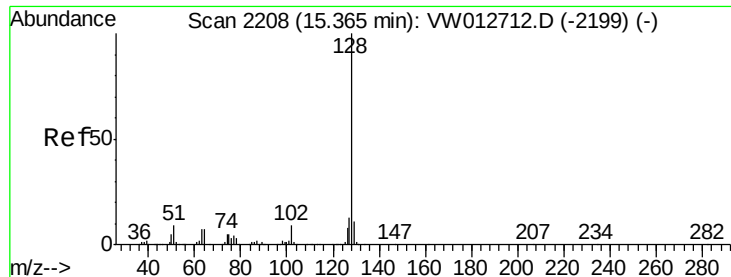
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	48.7	146.1
145	29.5	15.0	45.1



#94
 Hexachlorobutadiene
 Concen: 51.113 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012742.D
 Acq: 08 Sep 2019 01:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.1	93.3
227	63.3	31.4	94.2

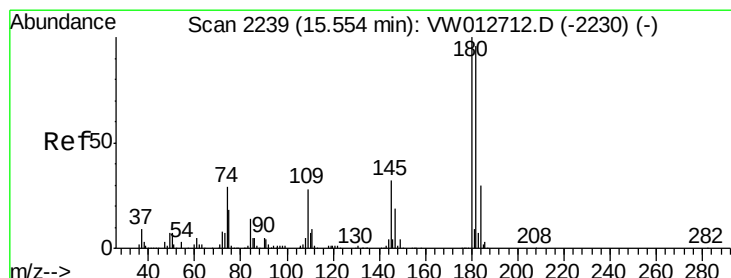
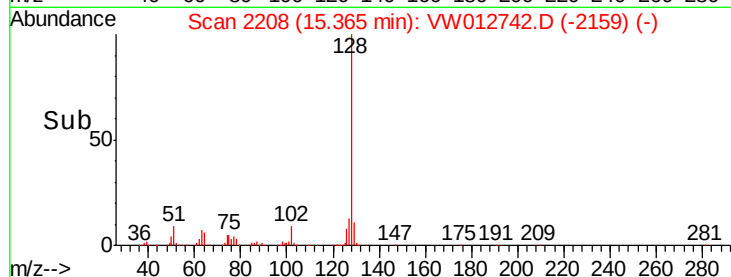
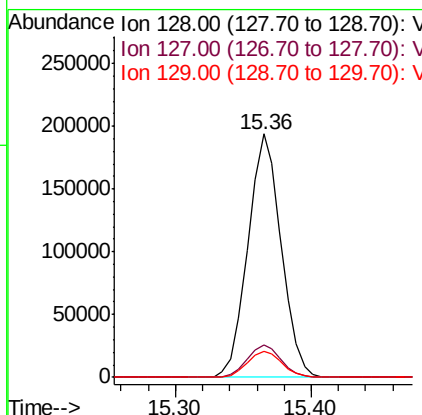
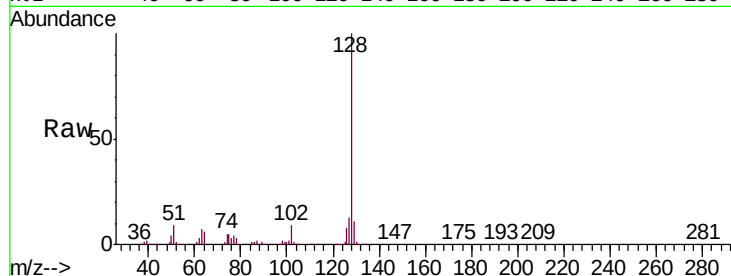




#95
Naphthalene
Concen: 52.846 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012742.D
Acq: 08 Sep 2019 01:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 332049
Ion Ratio Lower Upper
128 100
127 13.6 10.7 16.1
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 57.926 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW012742.D
Acq: 08 Sep 2019 01:56

Tgt Ion:180 Resp: 152464
Ion Ratio Lower Upper
180 100
182 95.7 47.8 143.3
145 31.4 15.4 46.2

