

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091019\
 Data File : VW012883.D
 Acq On : 10 Sep 2019 22:00
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 11 08:20:26 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	192876	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	292817	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	258309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	135260	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	110058	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
35) Dibromofluoromethane	7.88	113	91893	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	
50) Toluene-d8	10.32	98	368341	54.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.02%	
62) 4-Bromofluorobenzene	12.62	95	132607	53.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	49202	47.055	ug/l	94
3) Chloromethane	2.21	50	64497	50.755	ug/l	96
4) Vinyl Chloride	2.36	62	79133	50.788	ug/l	98
5) Bromomethane	2.77	94	52863	62.480	ug/l	91
6) Chloroethane	2.92	64	52713	56.694	ug/l	99
7) Trichlorofluoromethane	3.25	101	54156	50.368	ug/l	100
8) Diethyl Ether	3.68	74	49358	54.619	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.07	101	88879	52.675	ug/l	97
10) Methyl Iodide	4.26	142	119688	56.347	ug/l	98
11) Tert butyl alcohol	5.15	59	45410	275.404	ug/l	100
12) 1,1-Dichloroethene	4.04	96	81202	50.980	ug/l	93
13) Acrolein	3.89	56	37711	215.524	ug/l	97
14) Allyl chloride	4.66	41	161365	48.973	ug/l	98
15) Acrylonitrile	5.36	53	136417	258.454	ug/l	99
16) Acetone	4.11	43	128820	219.263	ug/l	99
17) Carbon Disulfide	4.38	76	160984	47.615	ug/l	99
18) Methyl Acetate	4.67	43	74359	53.946	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	181157	57.348	ug/l	98
20) Methylene Chloride	4.92	84	99422	54.091	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	89501	55.070	ug/l	89
22) Diisopropyl ether	6.31	45	360782	55.207	ug/l	97
23) Vinyl Acetate	6.25	43	1086163	262.257	ug/l	98
24) 1,1-Dichloroethane	6.21	63	191645	54.464	ug/l	99
25) 2-Butanone	7.17	43	193925	226.208	ug/l	97
26) 2,2-Dichloropropane	7.17	77	116800	52.555	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	109986	58.365	ug/l	95
28) Bromochloromethane	7.51	49	78059	48.312	ug/l	91
29) Tetrahydrofuran	7.52	42	119942	252.807	ug/l	95
30) Chloroform	7.67	83	194331	55.725	ug/l	96
31) Cyclohexane	7.95	56	142166	44.878	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	155548	55.026	ug/l	98
36) 1,1-Dichloropropene	8.08	75	133912	51.470	ug/l	99
37) Ethyl Acetate	7.25	43	80625	48.612	ug/l	98
38) Carbon Tetrachloride	8.07	117	138900	54.159	ug/l	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	146818	50.244	ug/l	97
40) Benzene	8.32	78	395873	54.841	ug/l	98
41) Methacrylonitrile	7.48	41	56171	49.836	ug/l	96
42) 1,2-Dichloroethane	8.40	62	137516	54.130	ug/l	98
43) Isopropyl Acetate	8.42	43	161792	51.490	ug/l	97
44) Trichloroethene	9.09	130	104806	56.325	ug/l	88
45) 1,2-Dichloropropane	9.37	63	109426	54.656	ug/l	95
46) Dibromomethane	9.46	93	52114	54.969	ug/l	95
47) Bromodichloromethane	9.64	83	146245	56.068	ug/l	100
48) Methyl methacrylate	9.43	41	77451	51.578	ug/l	99
49) 1,4-Dioxane	9.44	88	20499	1094.613	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	425533	258.084	ug/l	97
52) Toluene	10.38	92	255097	56.620	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	151371	56.437	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	174307	57.288	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	81385	57.339	ug/l	98
56) Ethyl methacrylate	10.65	69	119824	57.672	ug/l	95
57) 1,3-Dichloropropane	10.93	76	144848	55.163	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	280029	253.878	ug/l	97
59) 2-Hexanone	10.96	43	294818	244.744	ug/l	98
60) Dibromochloromethane	11.13	129	98099	58.767	ug/l	99
61) 1,2-Dibromoethane	11.23	107	75387	57.933	ug/l	99
64) Tetrachloroethene	10.86	164	92965	59.313	ug/l	99
65) Chlorobenzene	11.66	112	280517	57.458	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	107270	59.001	ug/l	98
67) Ethyl Benzene	11.73	91	515484	56.275	ug/l	100
68) m/p-Xylenes	11.84	106	380910	115.205	ug/l	98
69) o-Xylene	12.16	106	181959	58.333	ug/l	97
70) Styrene	12.18	104	328904	59.670	ug/l	98
71) Bromoform	12.35	173	59517	58.921	ug/l #	99
73) Isopropylbenzene	12.46	105	519653	53.566	ug/l	100
74) N-amyl acetate	12.27	43	150177	48.770	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	98261	50.435	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	131958	95.408	ug/l #	100
77) Bromobenzene	12.74	156	123119	56.017	ug/l	94
78) n-propylbenzene	12.80	91	610098	52.583	ug/l	99
79) 2-Chlorotoluene	12.89	91	355876	53.429	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	447964	54.799	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	32010	48.951	ug/l	98
82) 4-Chlorotoluene	12.99	91	374300	53.126	ug/l	98
83) tert-Butylbenzene	13.21	119	398690	55.159	ug/l	96
84) 1,2,4-Trimethylbenzene	13.25	105	446942	54.260	ug/l	99
85) sec-Butylbenzene	13.38	105	541005	53.939	ug/l	99
86) p-Isopropyltoluene	13.49	119	503582	54.967	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	240625	55.699	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	237382	55.221	ug/l	99
89) n-Butylbenzene	13.82	91	472315	53.103	ug/l	100
90) Hexachloroethane	14.09	117	89036	55.670	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	216535	55.688	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	18354	51.477	ug/l	97

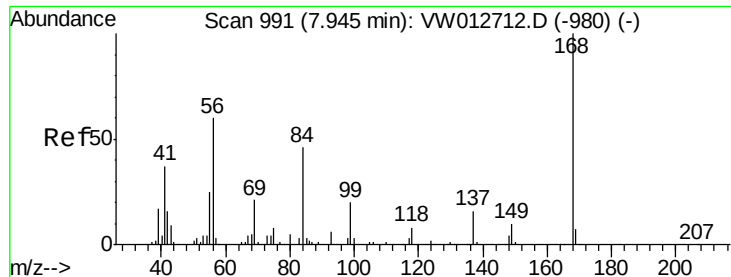
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091019\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	161351	59.601	ug/l	98
94) Hexachlorobutadiene	15.23	225	105730	56.425	ug/l	98
95) Naphthalene	15.36	128	295657	51.914	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	143023	59.852	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

Instrument :

MSVOA_W

ClientSampleId :

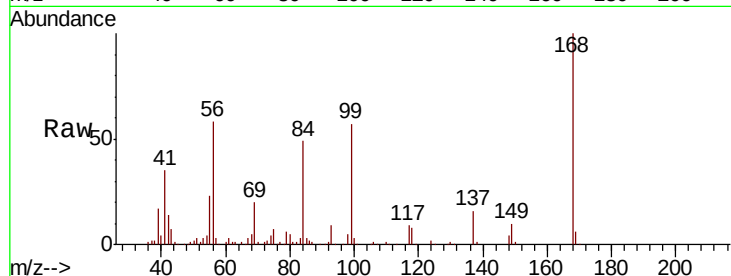
VSTDCCC050

Tgt Ion:168 Resp: 192876

Ion Ratio Lower Upper

168 100

99 57.4 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

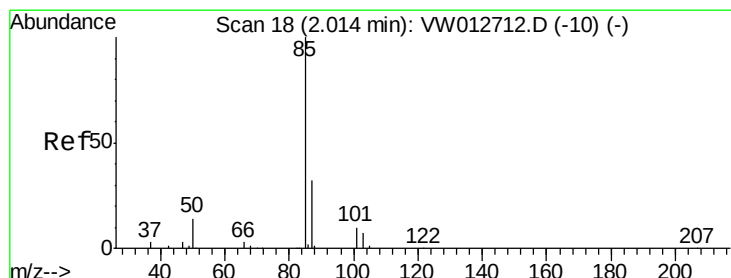
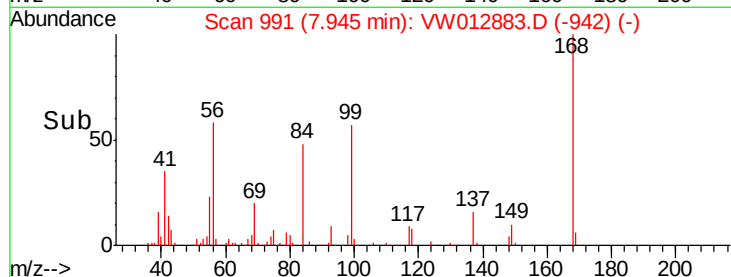
40000

20000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 47.055 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW012883.D

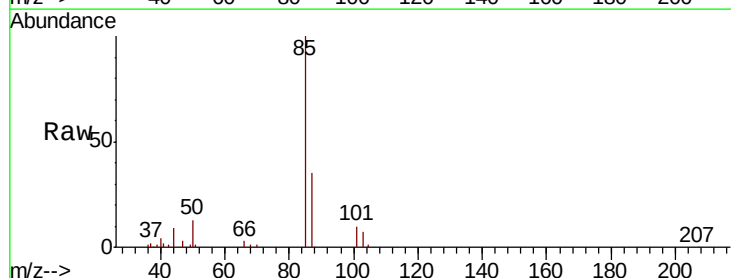
Acq: 10 Sep 2019 22:00

Tgt Ion: 85 Resp: 49202

Ion Ratio Lower Upper

85 100

87 35.0 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

20000

15000

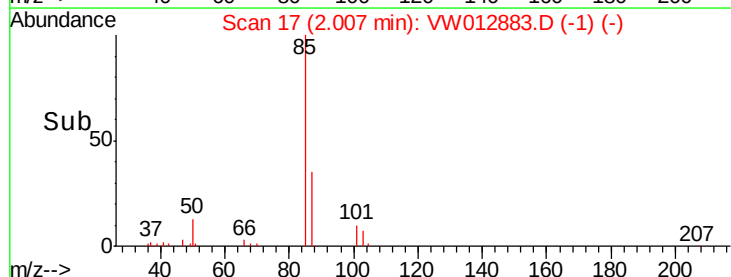
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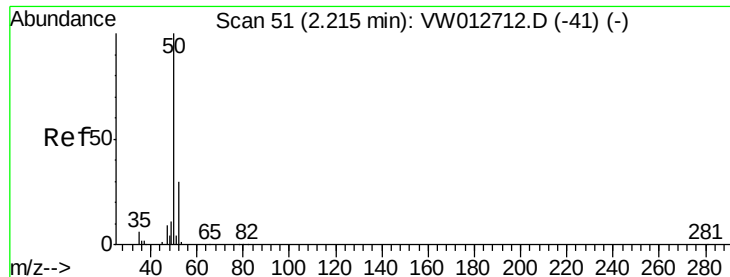
5000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 50.755 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

Instrument :

MSVOA_W

ClientSampleId :

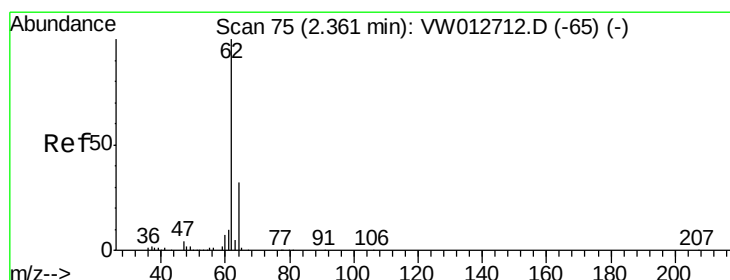
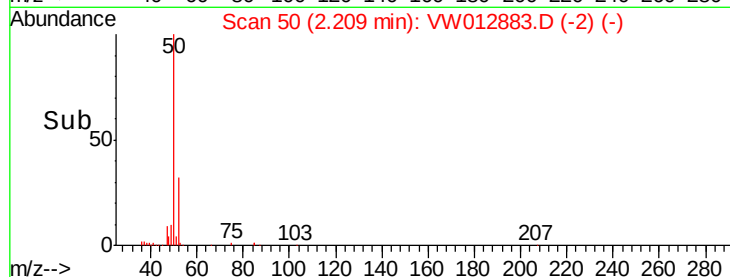
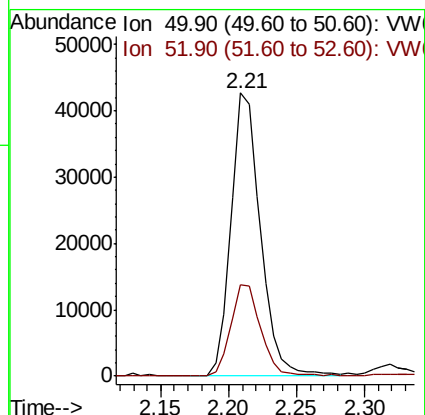
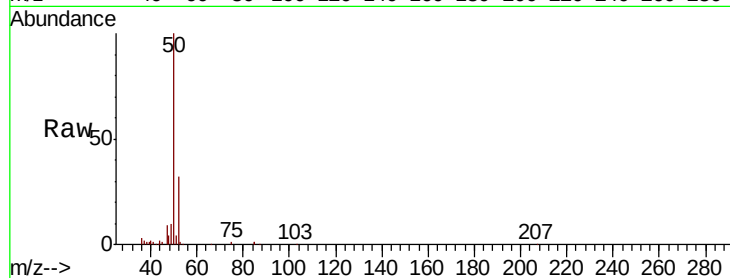
VSTDCCC050

Tgt Ion: 50 Resp: 64497

Ion Ratio Lower Upper

50 100

52 32.2 24.2 36.2



#4

Vinyl Chloride

Concen: 50.788 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW012883.D

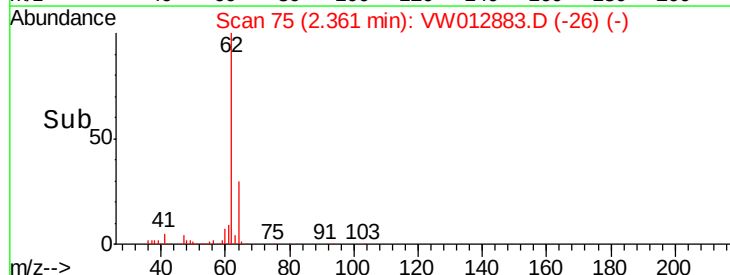
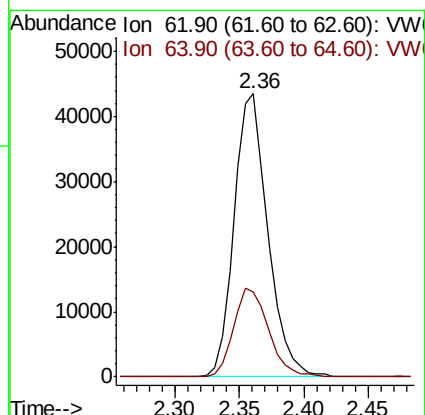
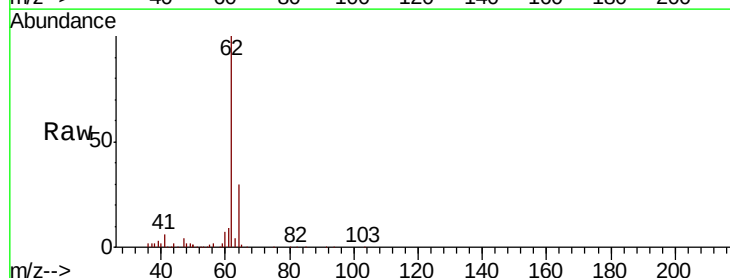
Acq: 10 Sep 2019 22:00

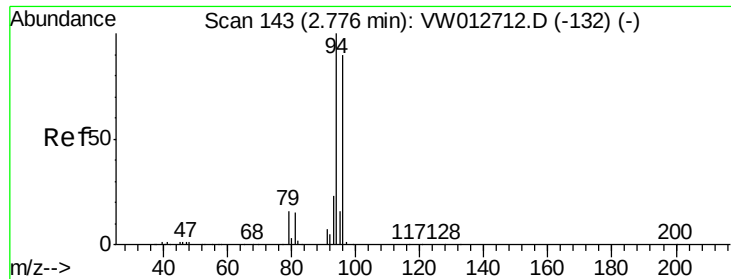
Tgt Ion: 62 Resp: 79133

Ion Ratio Lower Upper

62 100

64 30.2 25.3 37.9





#5

Bromomethane

Concen: 62.480 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

Instrument :

MSVOA_W

ClientSampleId :

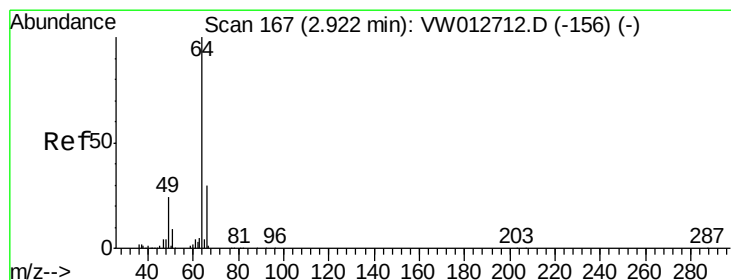
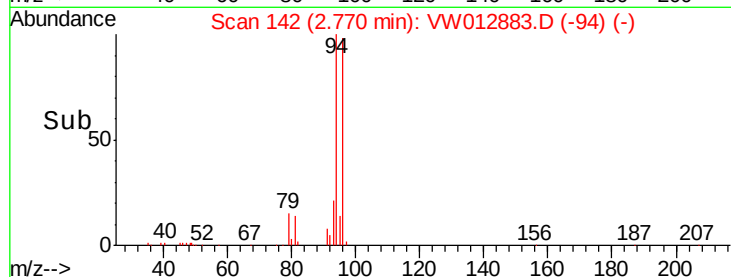
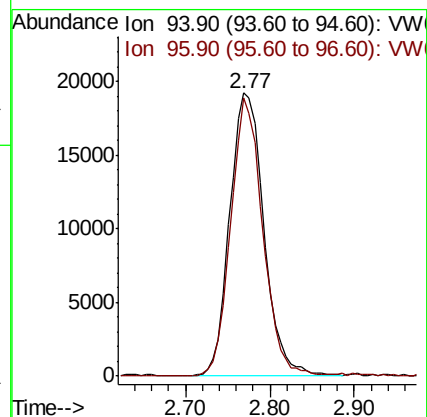
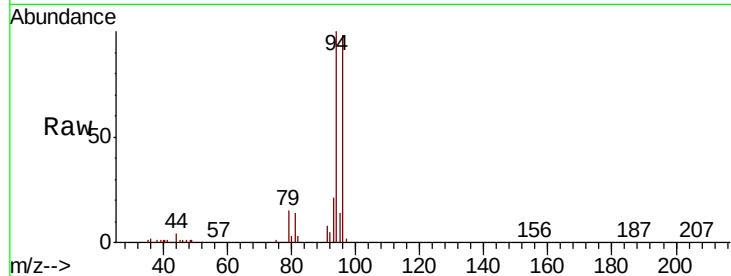
VSTDCCC050

Tgt Ion: 94 Resp: 52863

Ion Ratio Lower Upper

94 100

96 98.3 72.1 108.1



#6

Chloroethane

Concen: 56.694 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW012883.D

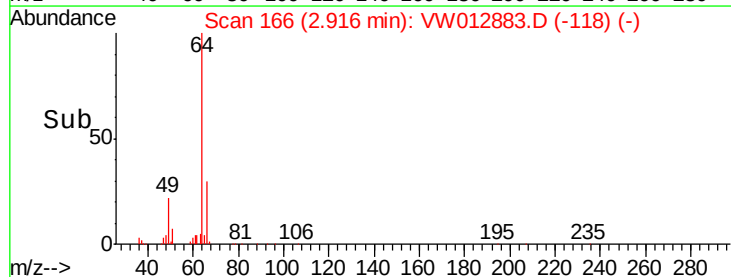
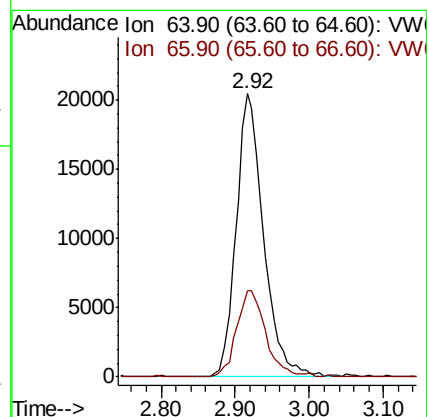
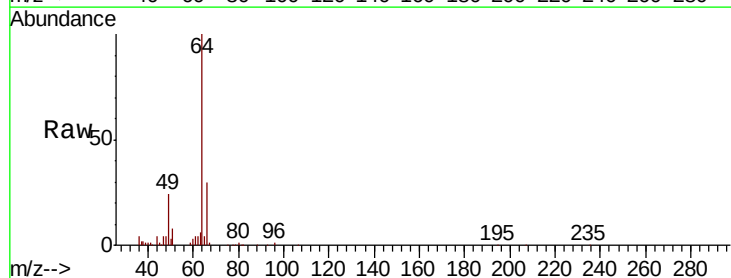
Acq: 10 Sep 2019 22:00

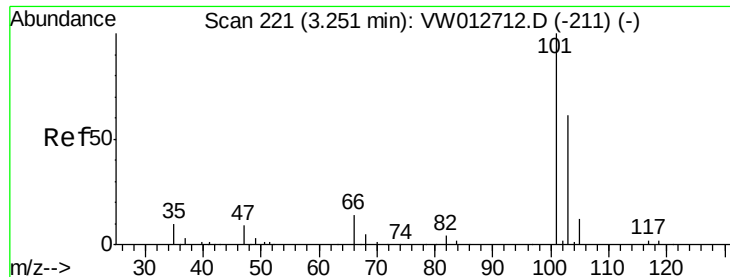
Tgt Ion: 64 Resp: 52713

Ion Ratio Lower Upper

64 100

66 30.3 23.8 35.6



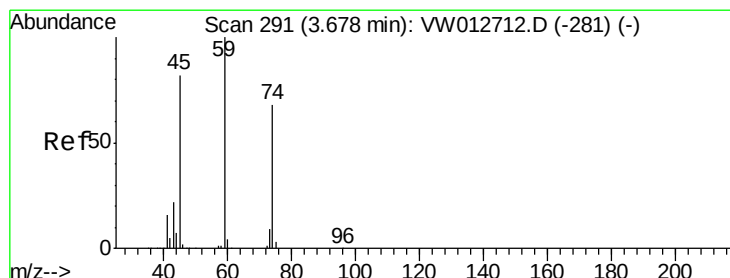
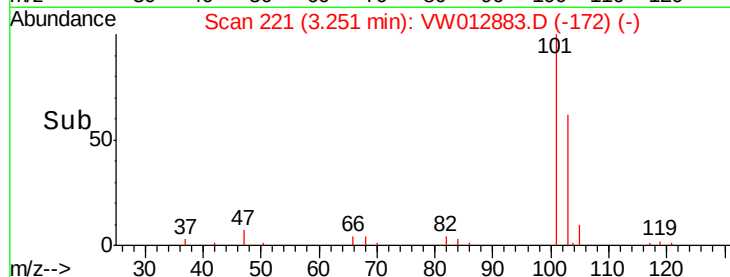
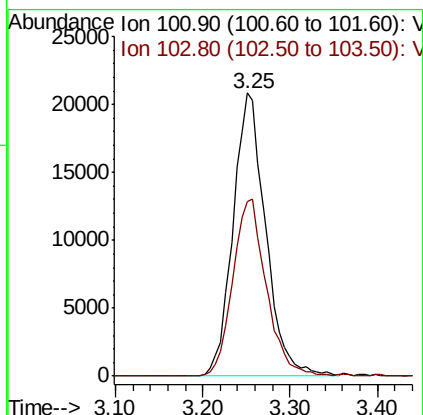
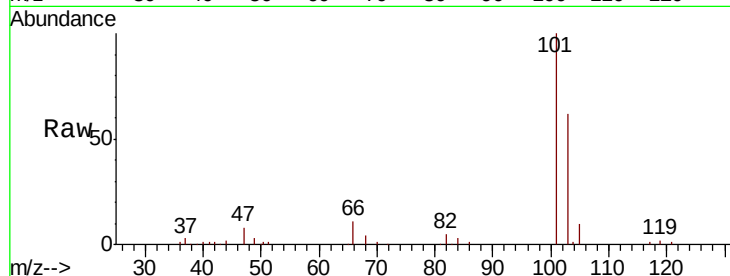


#7

Trichlorofluoromethane
 Concen: 50.368 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VW012883.D
 Acq: 10 Sep 2019 22:00

Instrument :
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 VSTDCCC050

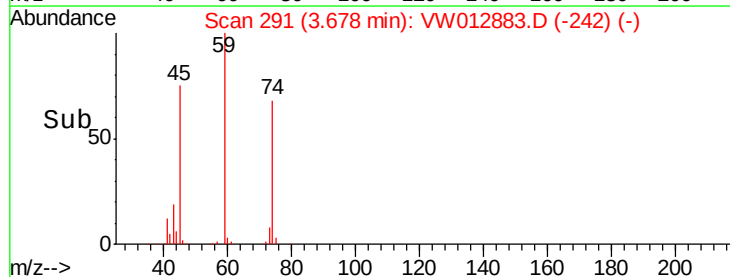
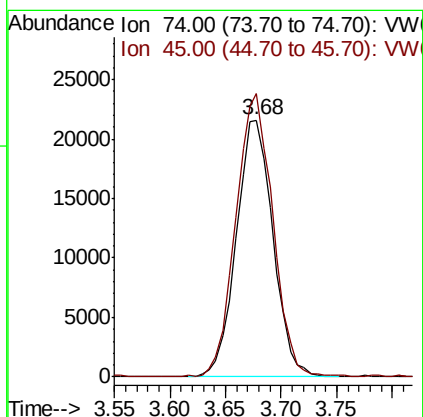
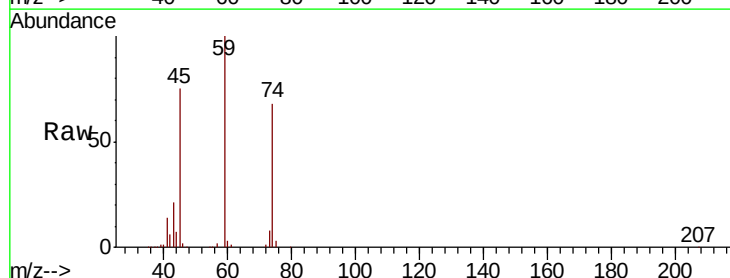
Tgt Ion: 101 Resp: 54156
 Ion Ratio Lower Upper
 101 100
 103 61.6 49.0 73.4

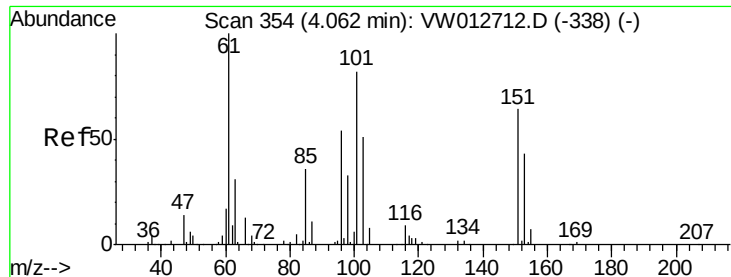


#8

Diethyl Ether
 Concen: 54.619 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW012883.D
 Acq: 10 Sep 2019 22:00

Tgt Ion: 74 Resp: 49358
 Ion Ratio Lower Upper
 74 100
 45 111.5 58.8 176.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.675 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

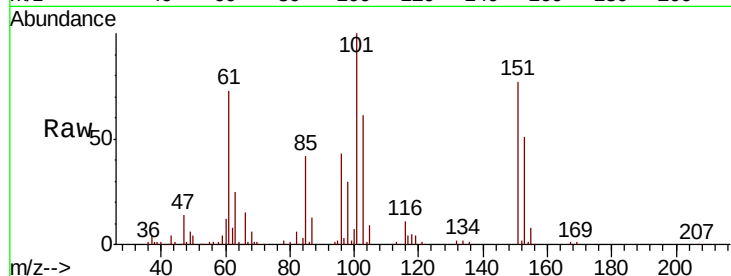
Tgt Ion:101 Resp: 88879

Ion Ratio Lower Upper

101 100

85 44.0 36.2 54.2

151 80.3 61.9 92.9

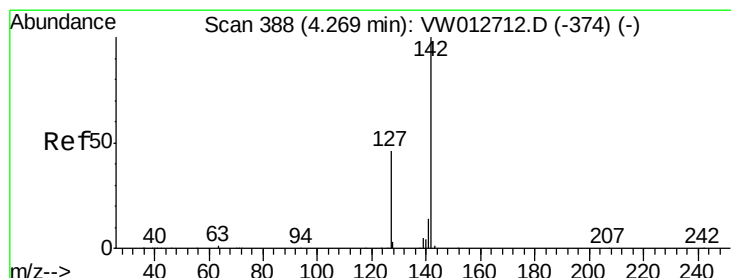
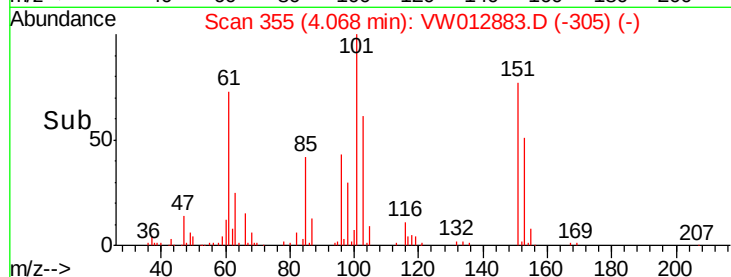
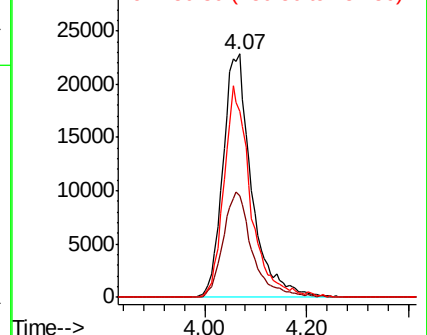


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 56.347 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

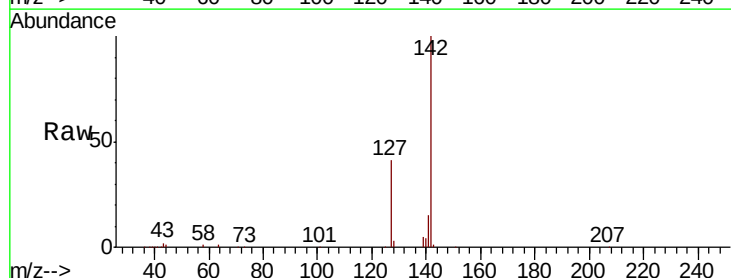
Tgt Ion:142 Resp: 119688

Ion Ratio Lower Upper

142 100

127 43.5 36.0 54.0

141 15.6 12.2 18.4

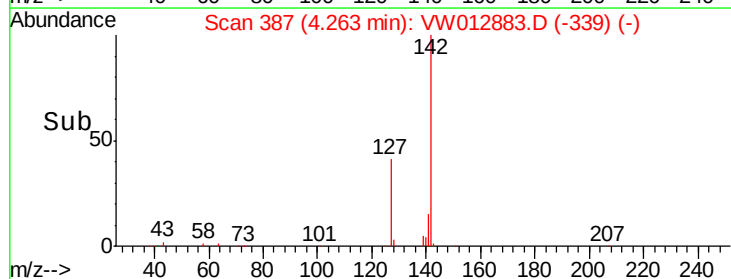
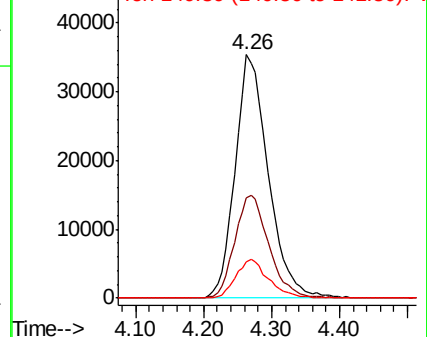


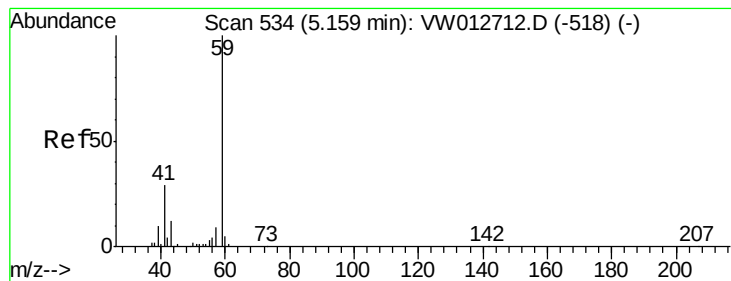
Abundance

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



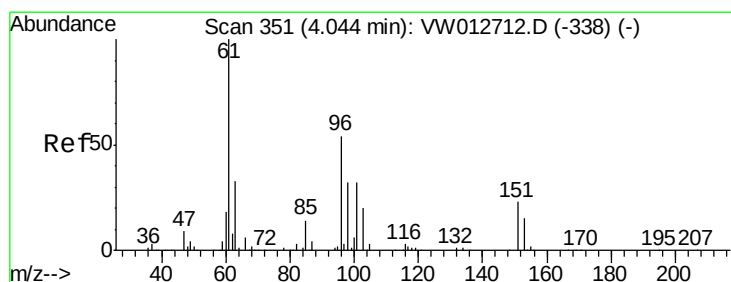
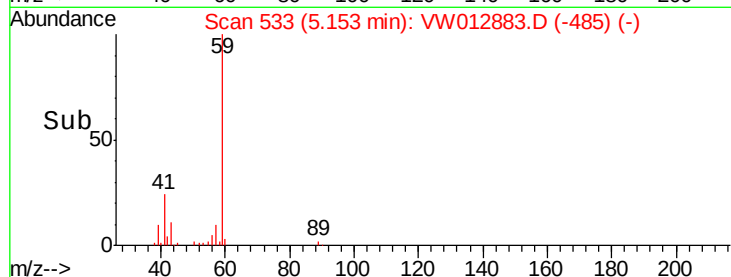
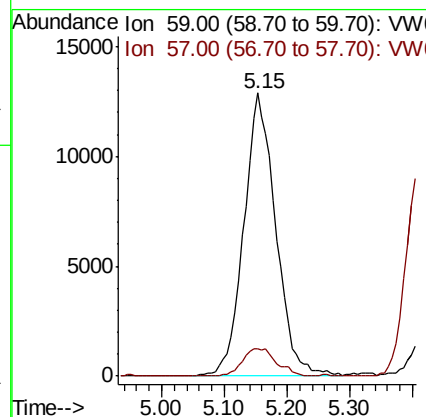
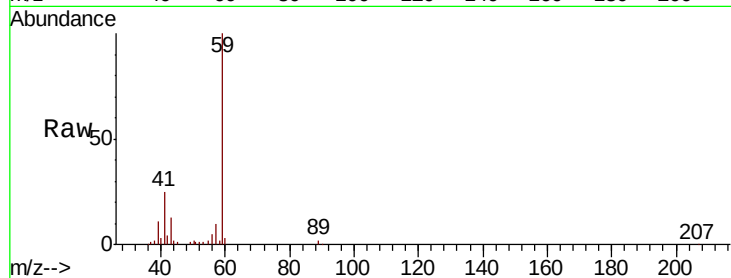


#11

Tert butyl alcohol
 Concen: 275.404 ug/l
 RT: 5.15 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: VW012883.D
 Acq: 10 Sep 2019 22:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

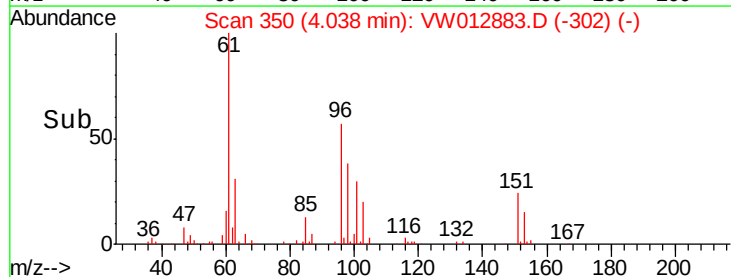
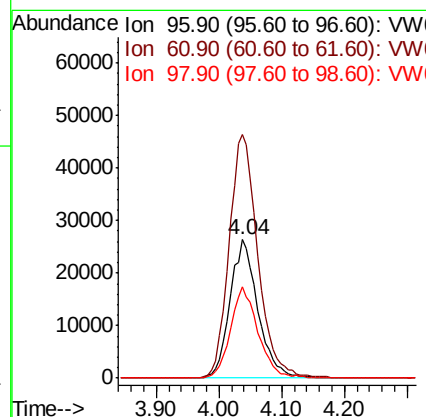
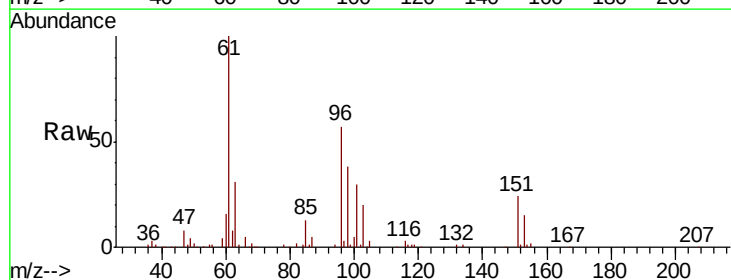
Tgt Ion: 59 Resp: 45410
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.4

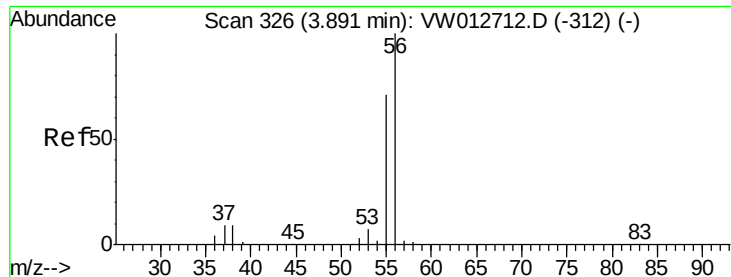


#12

1,1-Dichloroethene
 Concen: 50.980 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW012883.D
 Acq: 10 Sep 2019 22:00

Tgt Ion: 96 Resp: 81202
 Ion Ratio Lower Upper
 96 100
 61 176.0 147.8 221.6
 98 66.1 47.9 71.9

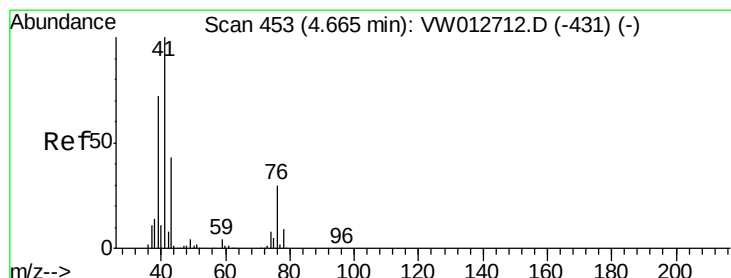
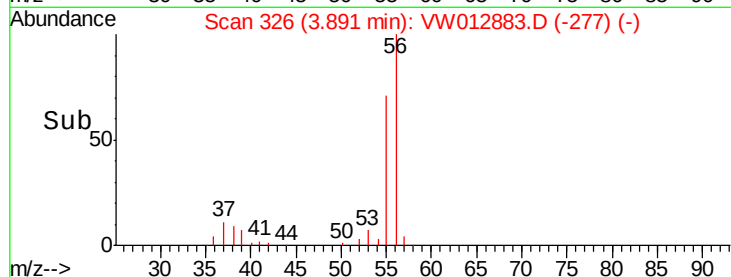
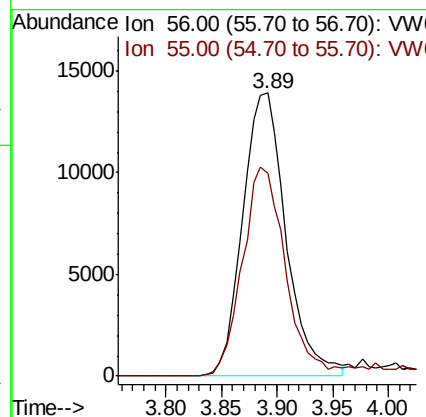
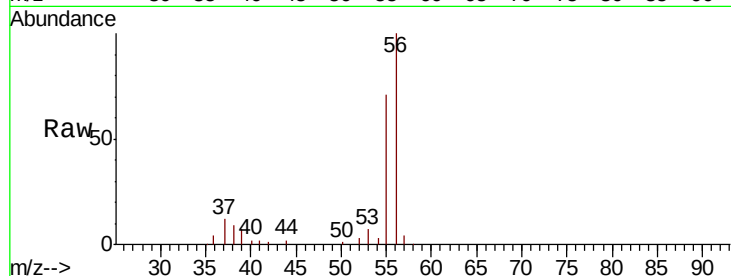




#13
 Acrolein
 Concen: 215.524 ug/l
 RT: 3.89 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VW012883.D
 Acq: 10 Sep 2019 22:00

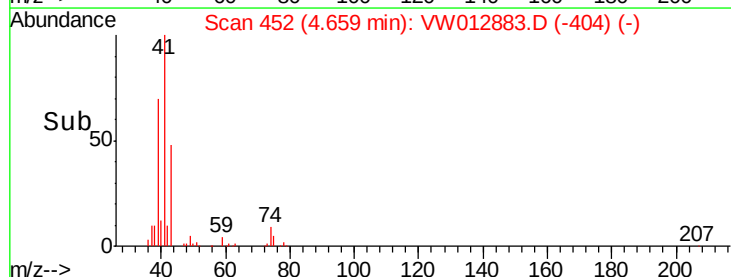
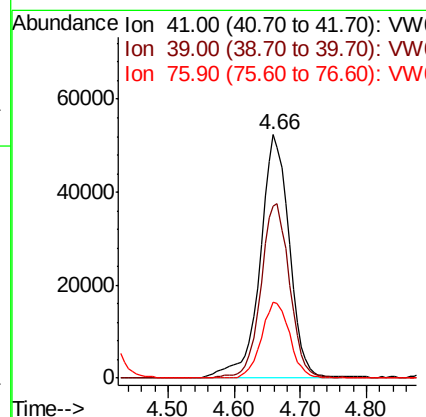
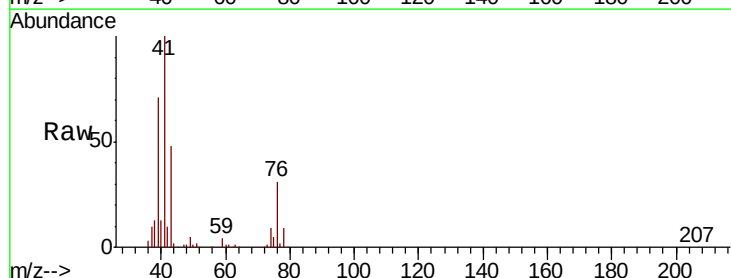
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

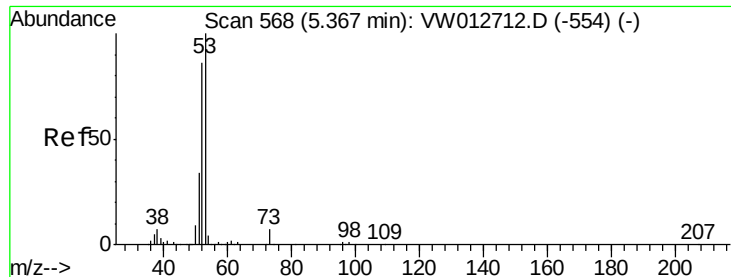
Tgt Ion: 56 Resp: 37711
 Ion Ratio Lower Upper
 56 100
 55 73.5 56.9 85.3



#14
 Allyl chloride
 Concen: 48.973 ug/l
 RT: 4.66 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: VW012883.D
 Acq: 10 Sep 2019 22:00

Tgt Ion: 41 Resp: 161365
 Ion Ratio Lower Upper
 41 100
 39 70.0 55.0 82.6
 76 30.1 23.0 34.4





#15

Acrylonitrile

Concen: 258.454 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

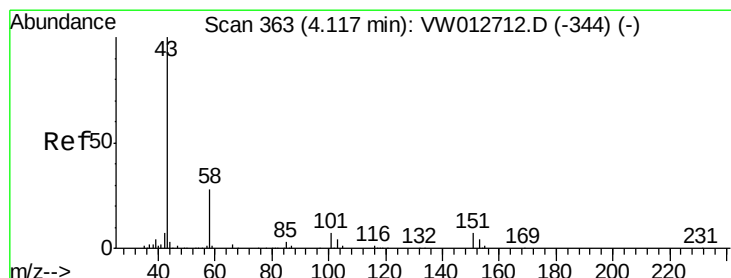
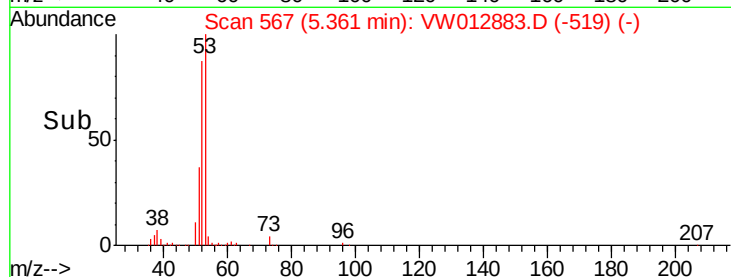
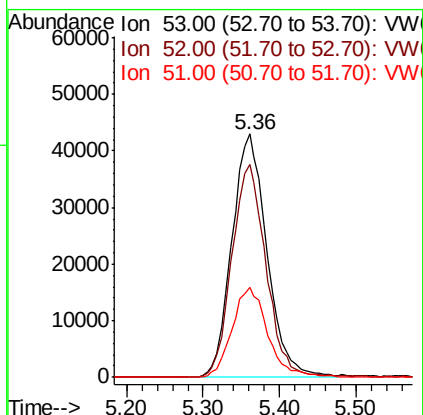
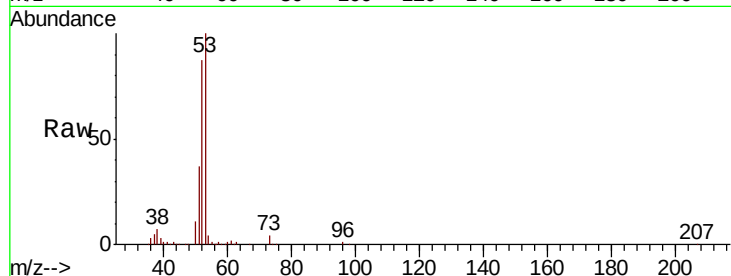
Tgt Ion: 53 Resp: 136417

Ion Ratio Lower Upper

53 100

52 85.2 67.0 100.4

51 37.5 29.8 44.8



#16

Acetone

Concen: 219.263 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW012883.D

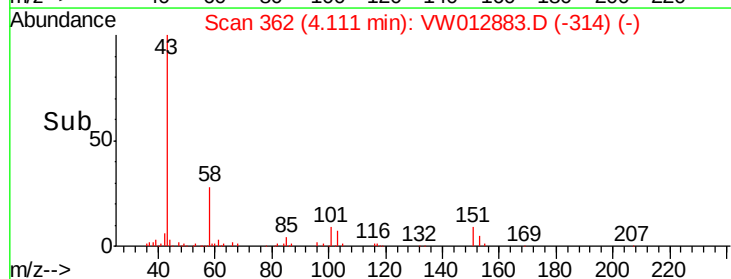
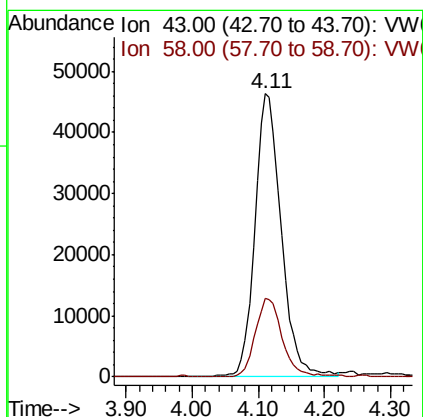
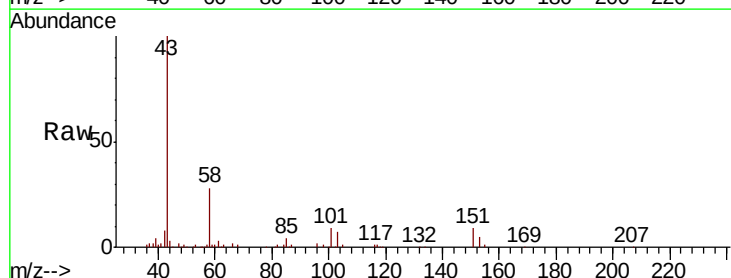
Acq: 10 Sep 2019 22:00

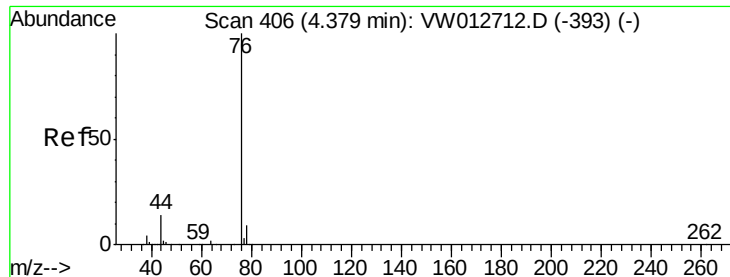
Tgt Ion: 43 Resp: 128820

Ion Ratio Lower Upper

43 100

58 27.5 22.6 33.8





#17

Carbon Disulfide

Concen: 47.615 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

Instrument :

MSVOA_W

ClientSampleId :

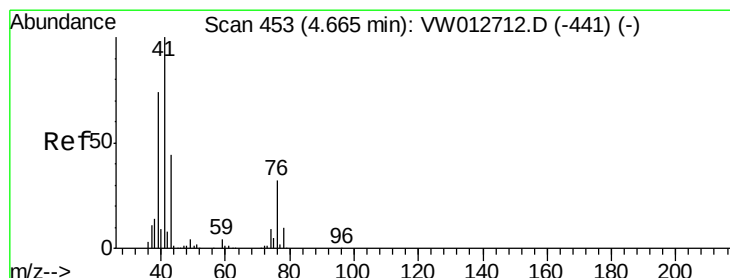
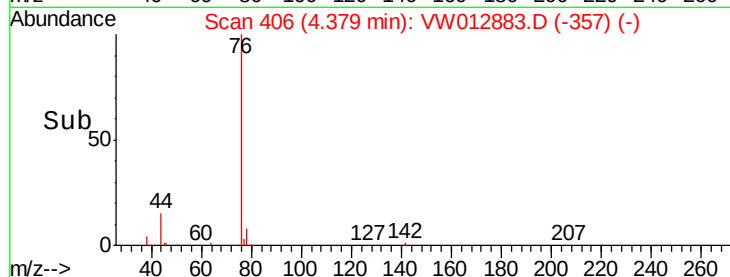
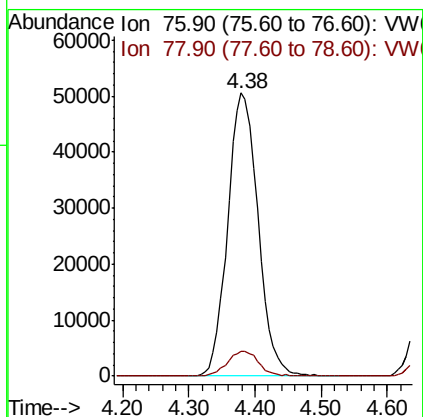
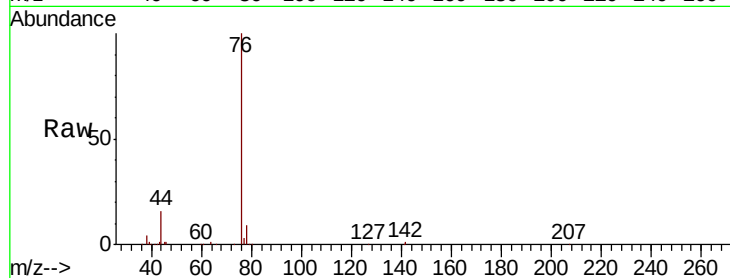
VSTDCCC050

Tgt Ion: 76 Resp: 160984

Ion Ratio Lower Upper

76 100

78 8.8 7.2 10.8



#18

Methyl Acetate

Concen: 53.946 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW012883.D

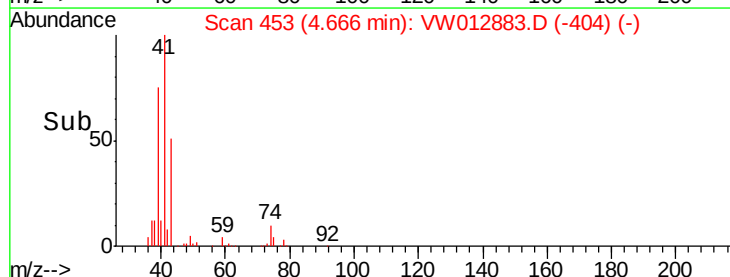
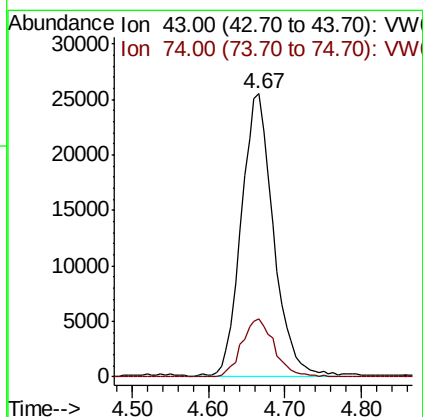
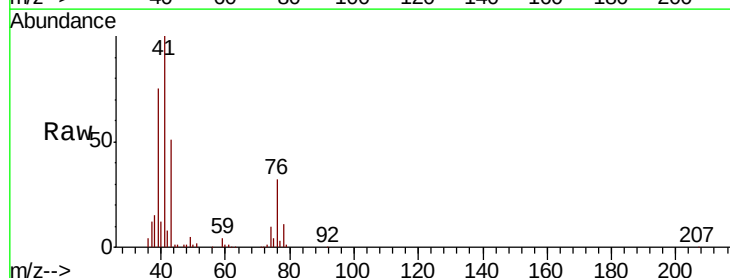
Acq: 10 Sep 2019 22:00

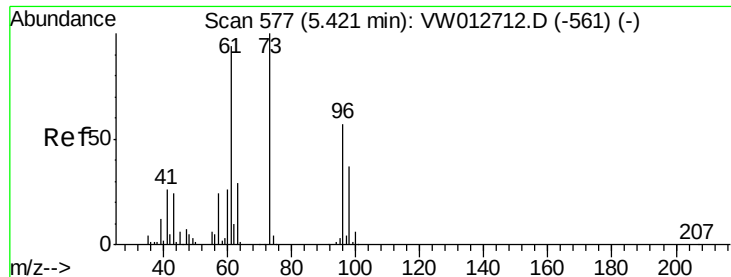
Tgt Ion: 43 Resp: 74359

Ion Ratio Lower Upper

43 100

74 20.6 15.8 23.6

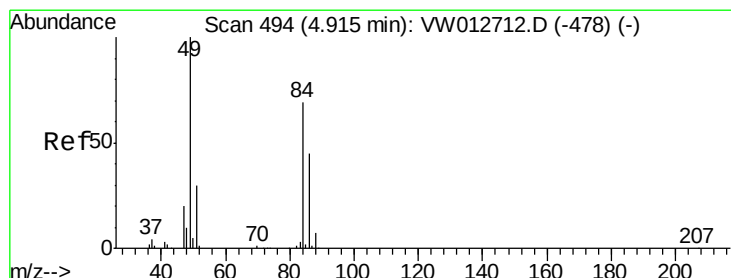
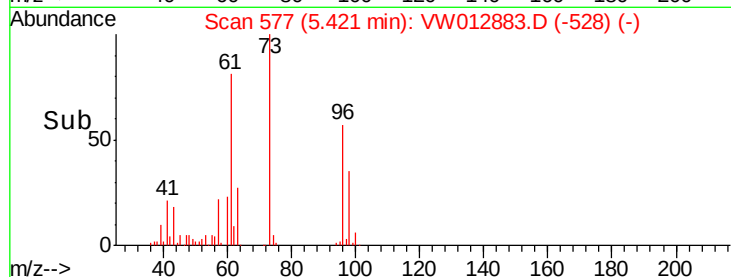
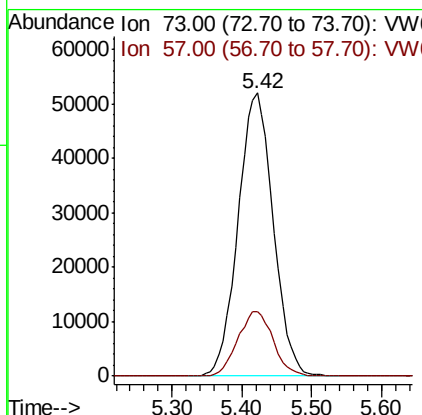
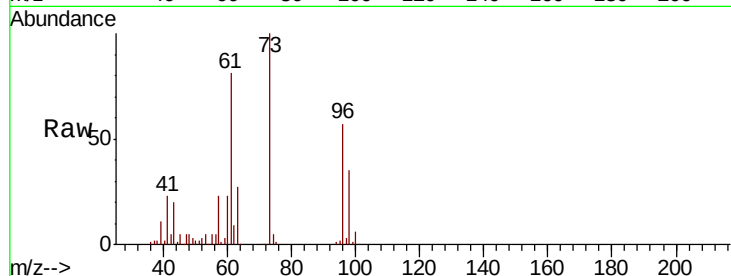




#19
Methyl tert-butyl Ether
Concen: 57.348 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW012883.D
Acq: 10 Sep 2019 22:00

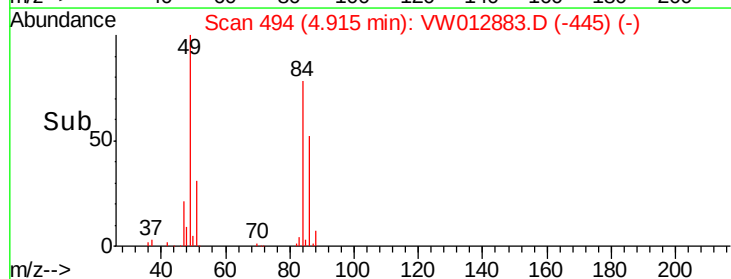
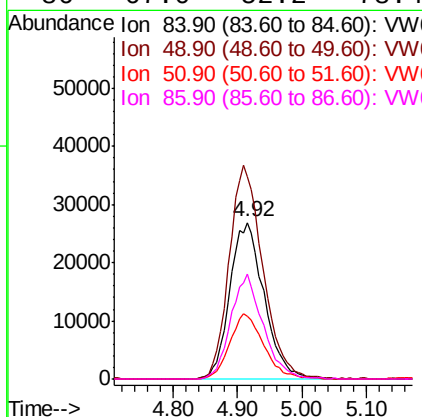
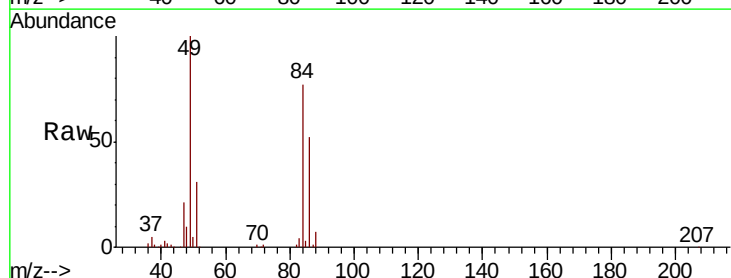
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

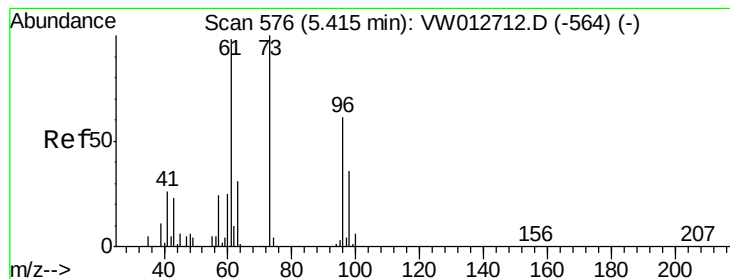
Tgt Ion: 73 Resp: 181157
Ion Ratio Lower Upper
73 100
57 22.8 19.2 28.8



#20
Methylene Chloride
Concen: 54.091 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW012883.D
Acq: 10 Sep 2019 22:00

Tgt Ion: 84 Resp: 99422
Ion Ratio Lower Upper
84 100
49 129.1 115.4 173.0
51 40.3 34.9 52.3
86 67.0 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 55.070 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

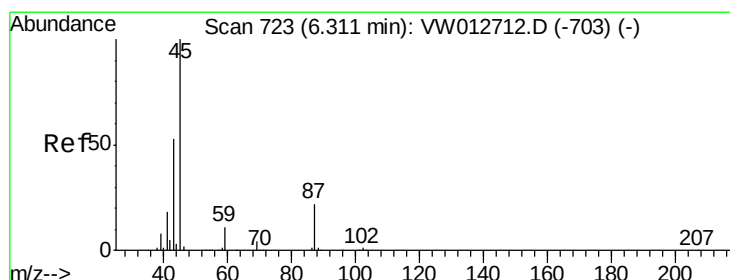
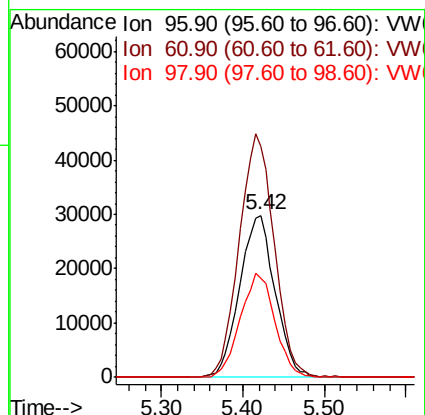
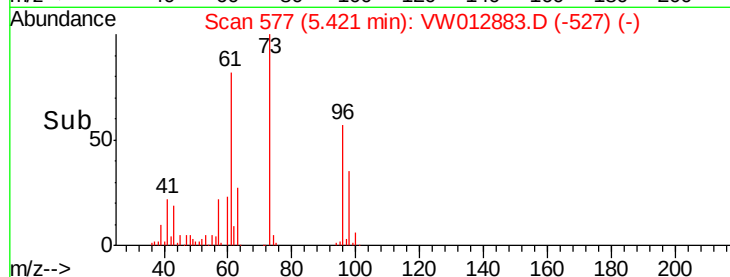
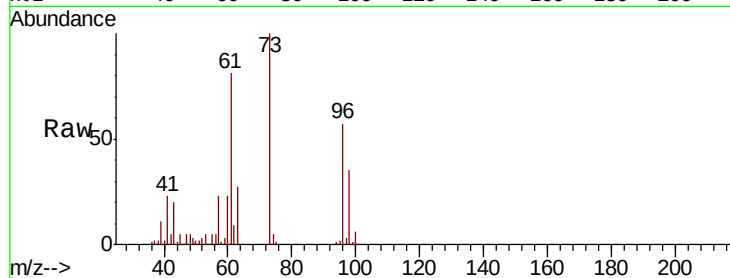
Tgt Ion: 96 Resp: 89501

Ion Ratio Lower Upper

96 100

61 142.0 129.2 193.8

98 61.2 48.0 72.0



#22

Diisopropyl ether

Concen: 55.207 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

Tgt Ion: 45 Resp: 360782

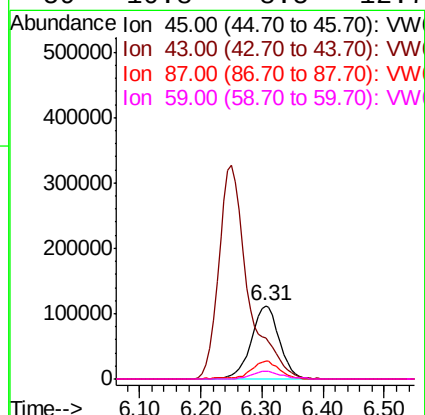
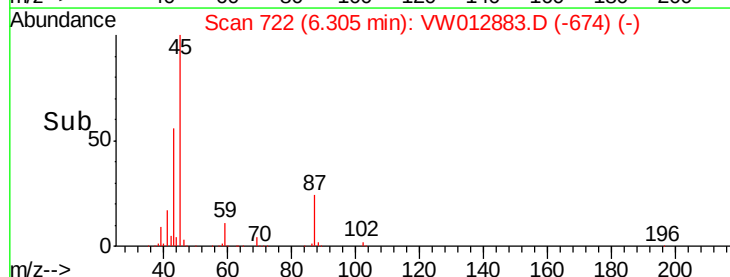
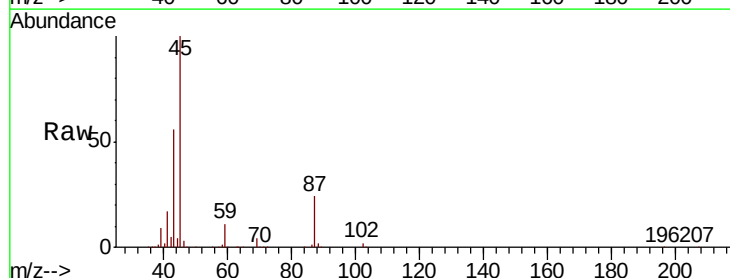
Ion Ratio Lower Upper

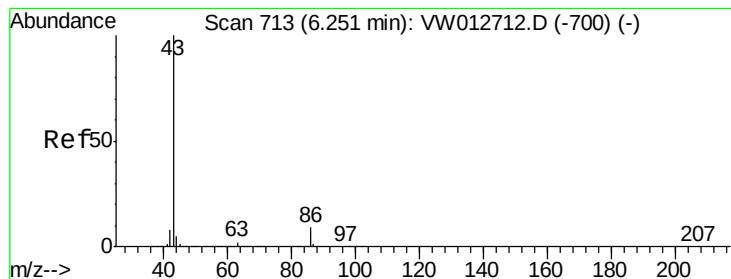
45 100

43 55.2 42.3 63.5

87 23.7 18.2 27.2

59 10.8 8.5 12.7





#23

Vinyl Acetate

Concen: 262.257 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

Instrument :

MSVOA_W

ClientSampleId :

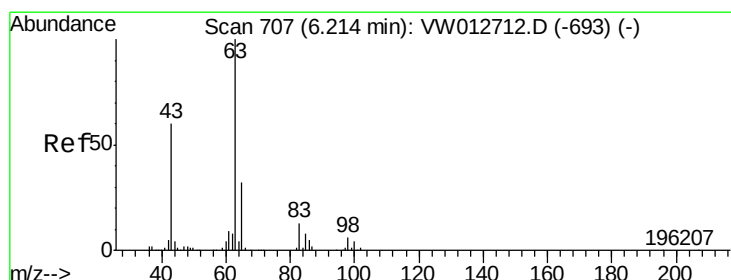
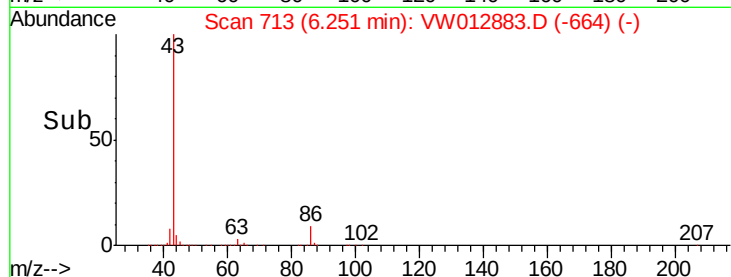
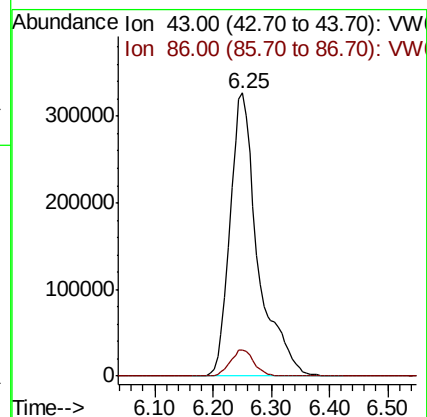
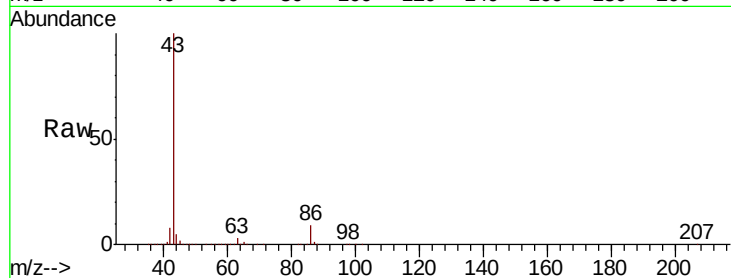
VSTDCCC050

Tgt Ion: 43 Resp: 1086163

Ion Ratio Lower Upper

43 100

86 9.4 7.0 10.6



#24

1,1-Dichloroethane

Concen: 54.464 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

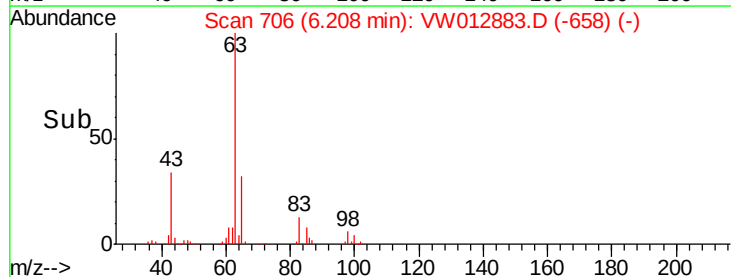
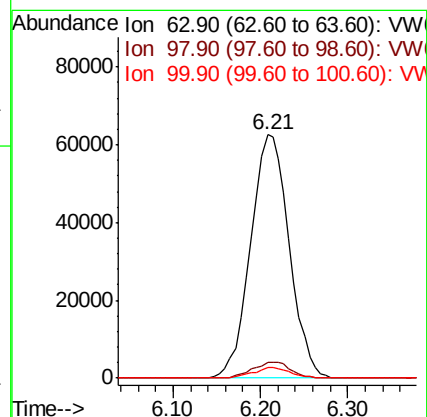
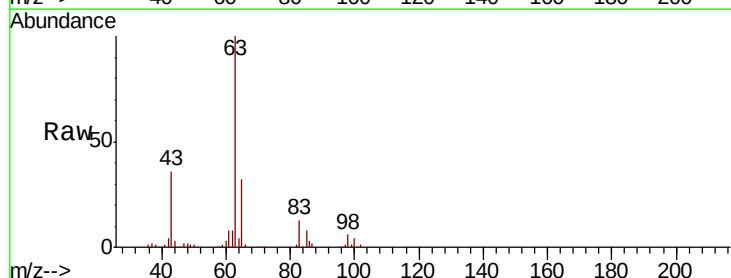
Tgt Ion: 63 Resp: 191645

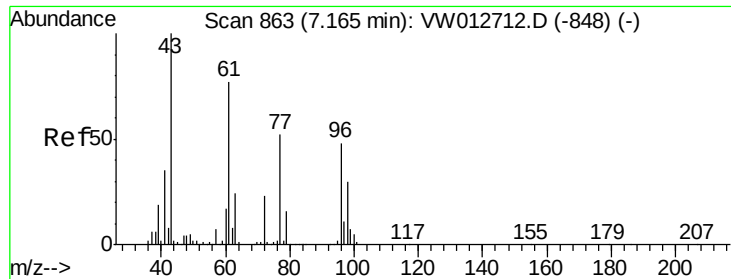
Ion Ratio Lower Upper

63 100

98 6.4 3.1 9.3

100 4.3 1.8 5.5





#25

2-Butanone

Concen: 226.208 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

Instrument :

MSVOA_W

ClientSampleId :

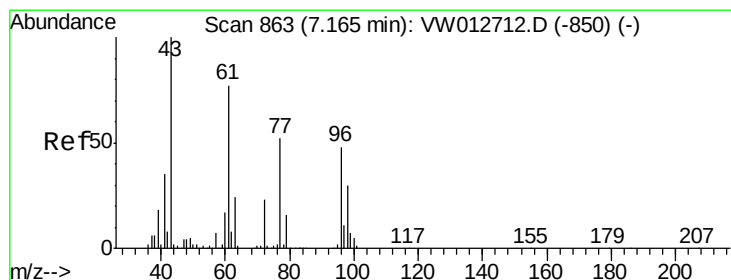
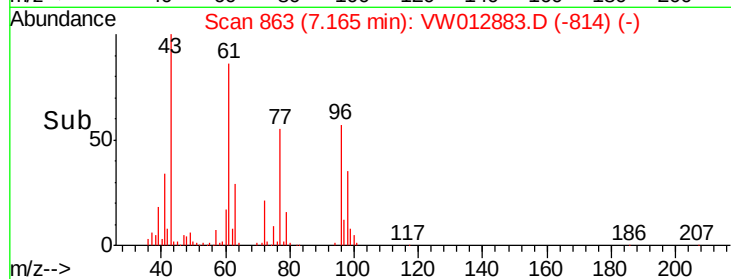
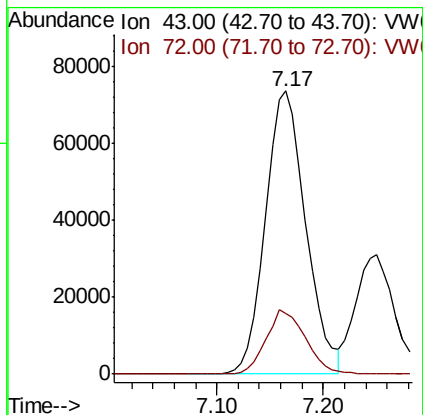
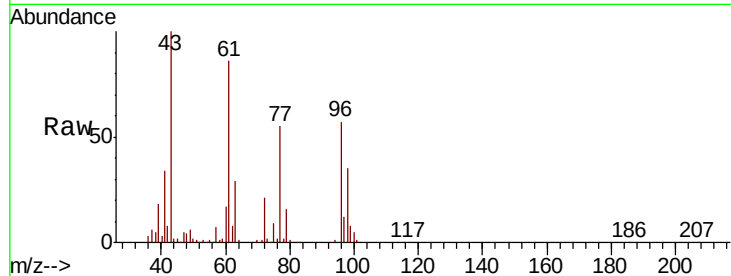
VSTDCCC050

Tgt Ion: 43 Resp: 193925

Ion Ratio Lower Upper

43 100

72 21.3 18.0 27.0



#26

2,2-Dichloropropane

Concen: 52.555 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW012883.D

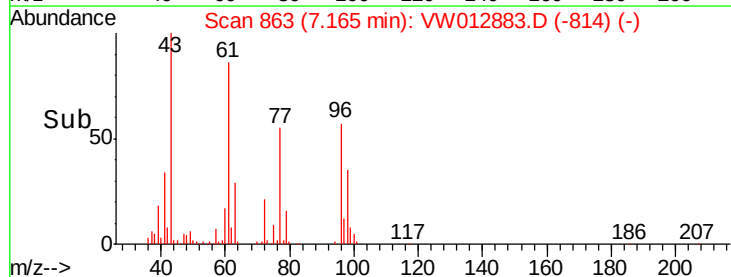
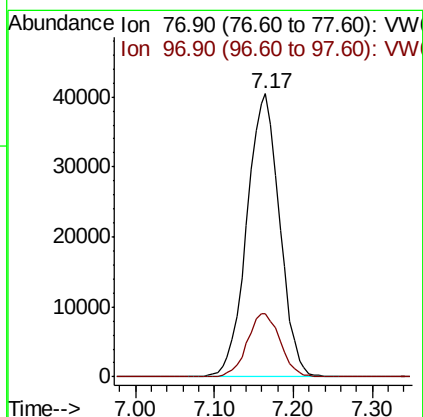
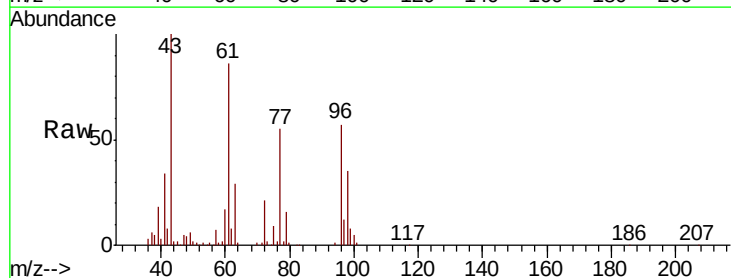
Acq: 10 Sep 2019 22:00

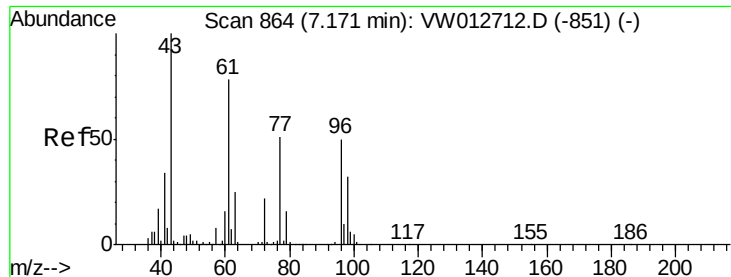
Tgt Ion: 77 Resp: 116800

Ion Ratio Lower Upper

77 100

97 22.4 10.7 32.1



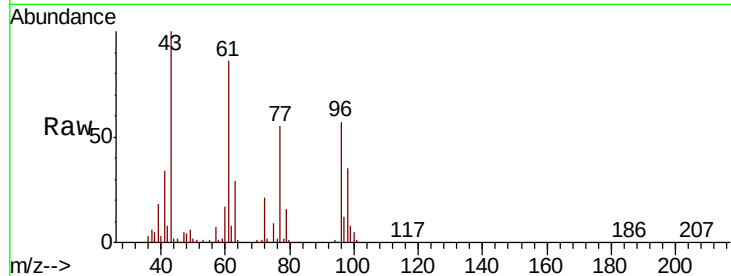


#27

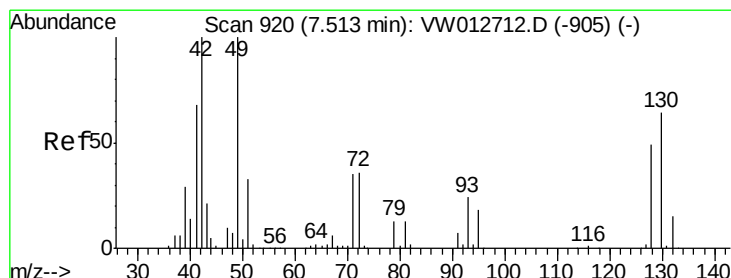
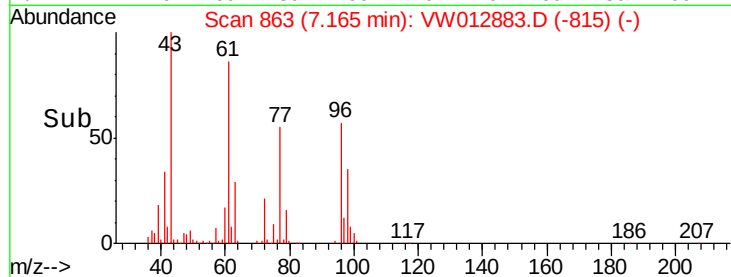
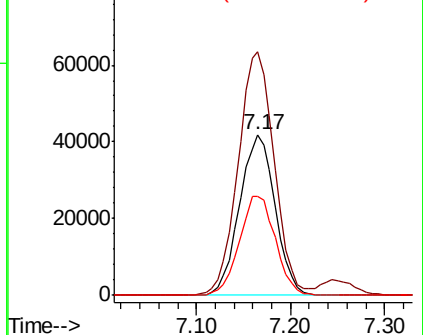
cis-1,2-Dichloroethene
 Concen: 58.365 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012883.D
 Acq: 10 Sep 2019 22:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 109986
 Ion Ratio Lower Upper
 96 100
 61 153.5 0.0 325.8
 98 62.5 0.0 127.0



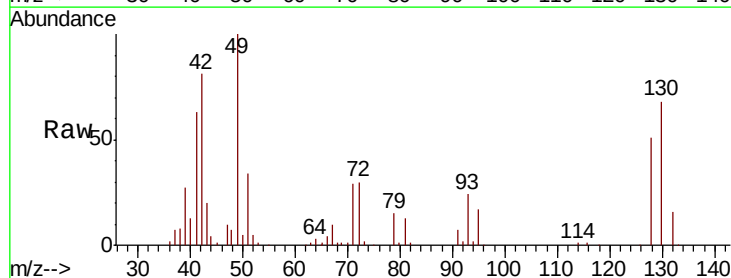
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



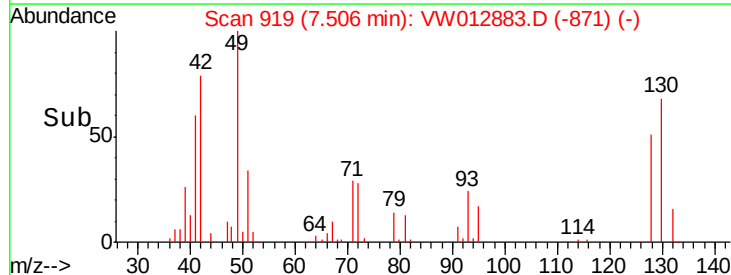
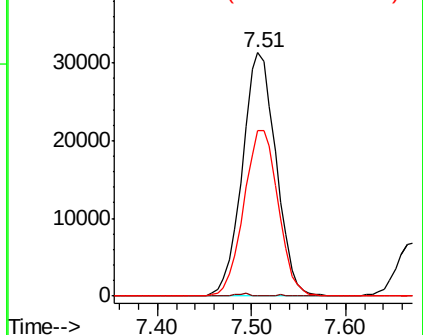
#28

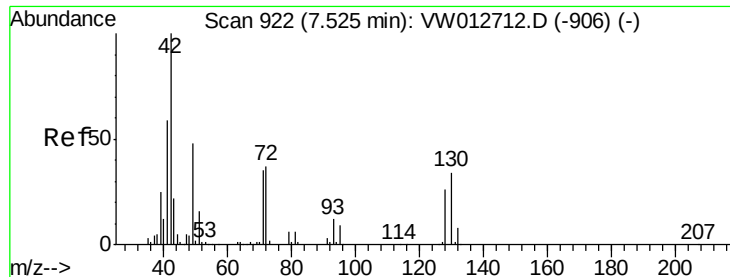
Bromochloromethane
 Concen: 48.312 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW012883.D
 Acq: 10 Sep 2019 22:00

Tgt Ion: 49 Resp: 78059
 Ion Ratio Lower Upper
 49 100
 129 0.5 0.0 0.8
 130 69.6 49.8 74.8



Abundance Ion 48.90 (48.60 to 49.60): VW
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

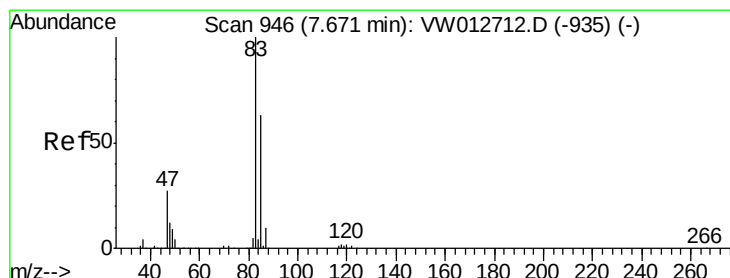
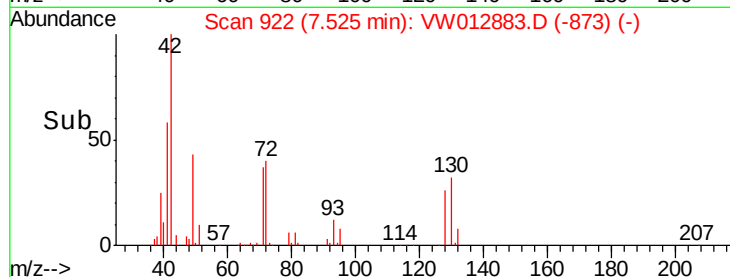
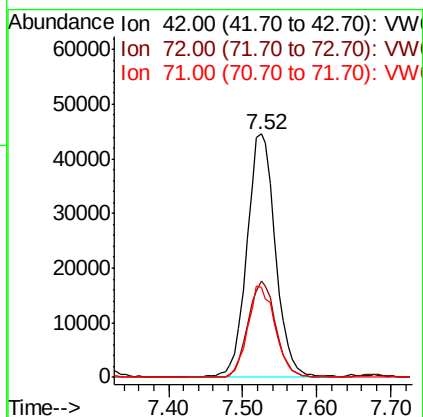
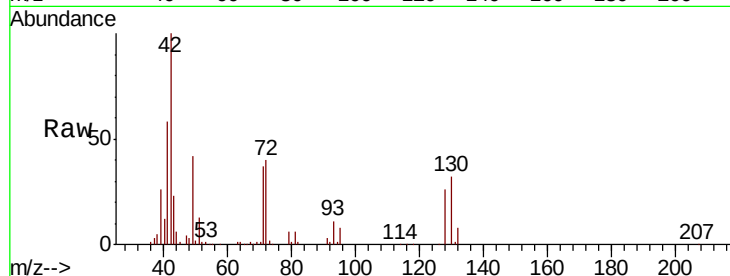




#29
Tetrahydrofuran
Concen: 252.807 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW012883.D
Acq: 10 Sep 2019 22:00

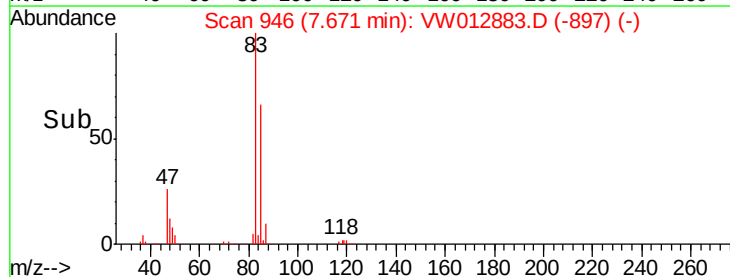
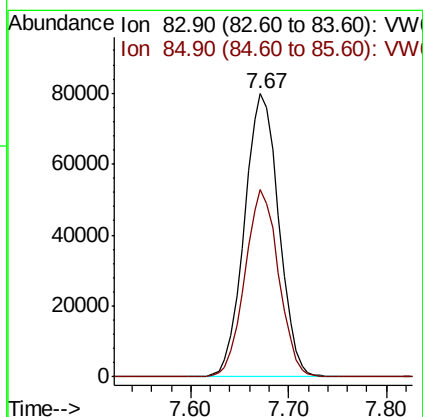
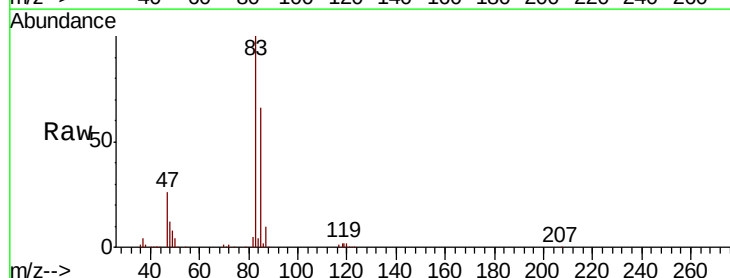
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

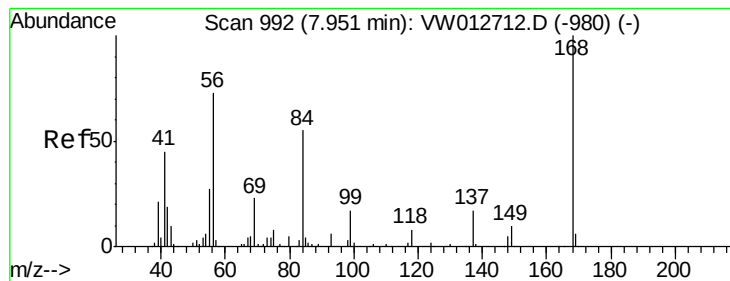
Tgt Ion: 42 Resp: 119942
Ion Ratio Lower Upper
42 100
72 38.5 28.4 42.6
71 36.2 27.1 40.7



#30
Chloroform
Concen: 55.725 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW012883.D
Acq: 10 Sep 2019 22:00

Tgt Ion: 83 Resp: 194331
Ion Ratio Lower Upper
83 100
85 66.0 50.6 76.0





#31

Cyclohexane

Concen: 44.878 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

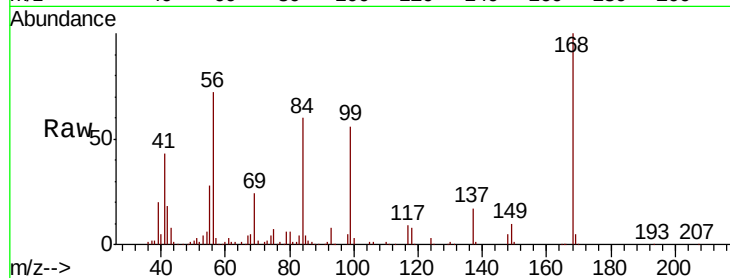
Tgt Ion: 56 Resp: 142166

Ion Ratio Lower Upper

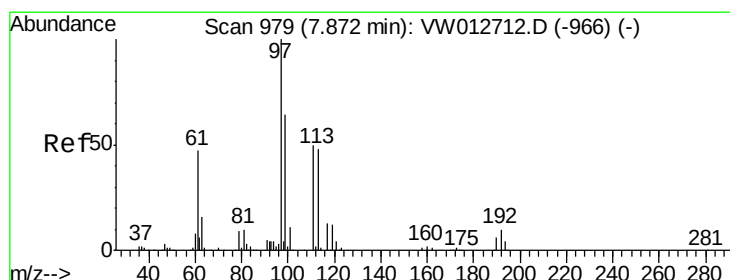
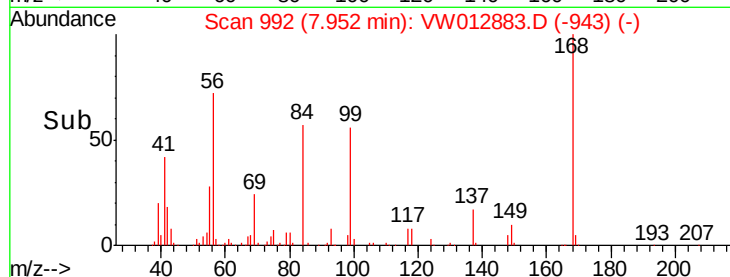
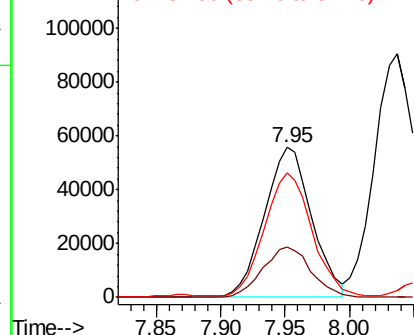
56 100

69 33.3 25.7 38.5

84 81.5 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: 55.026 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

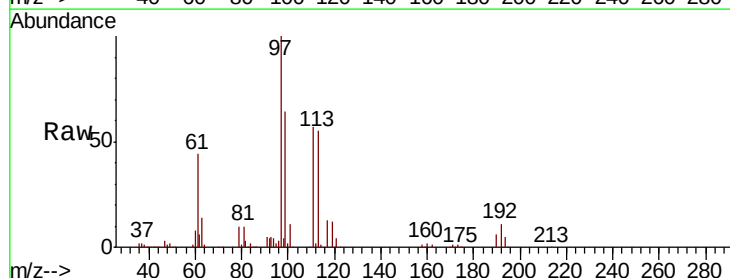
Tgt Ion: 97 Resp: 155548

Ion Ratio Lower Upper

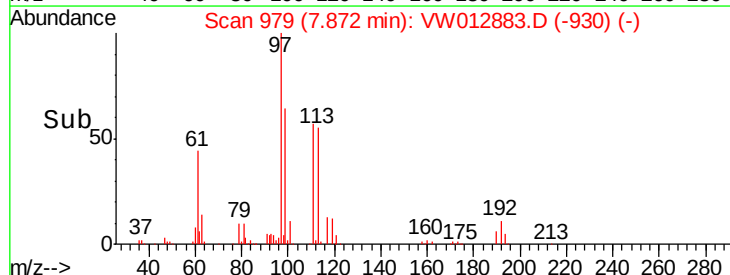
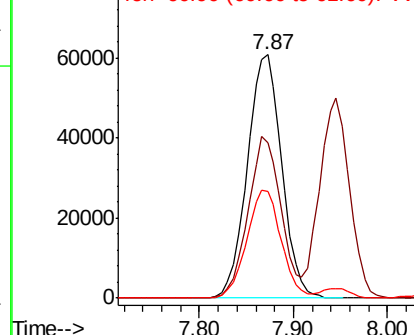
97 100

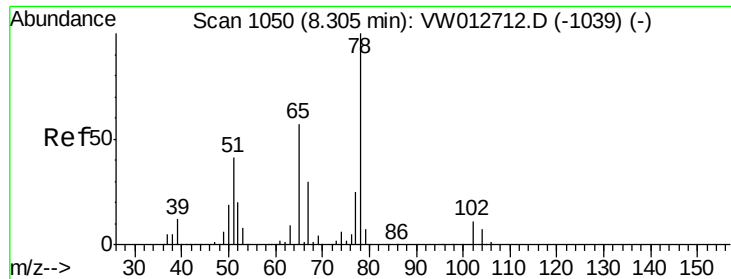
99 64.1 51.5 77.3

61 44.4 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

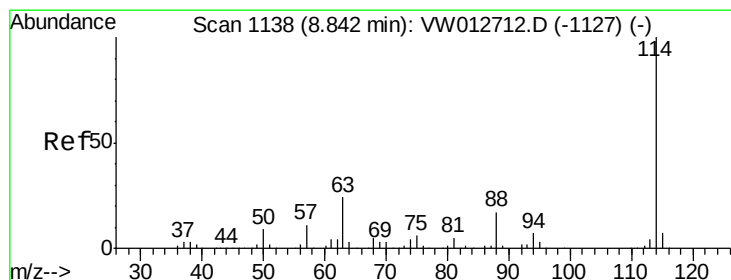
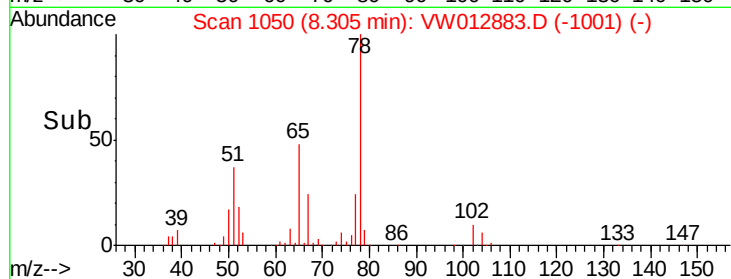
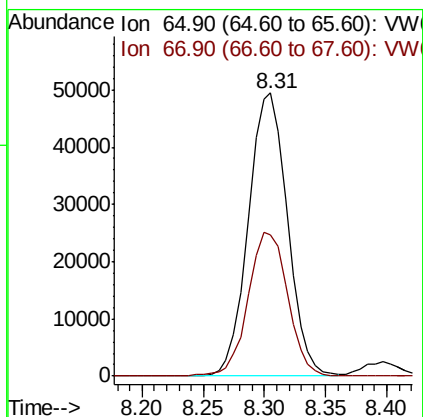
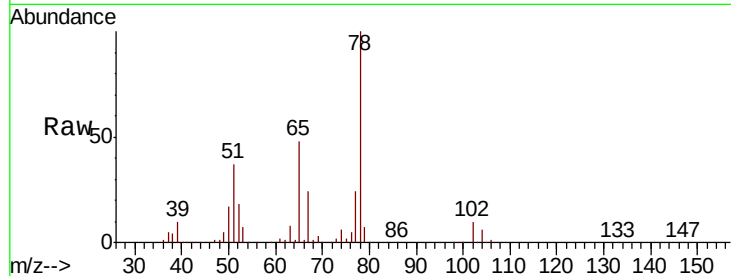




#33
 1,2-Dichloroethane-d4
 Concen: 51.070 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012883.D
 Acq: 10 Sep 2019 22:00

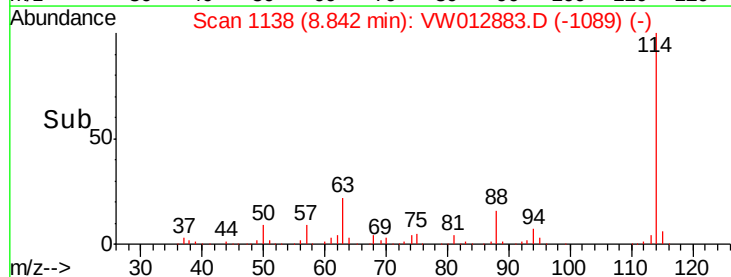
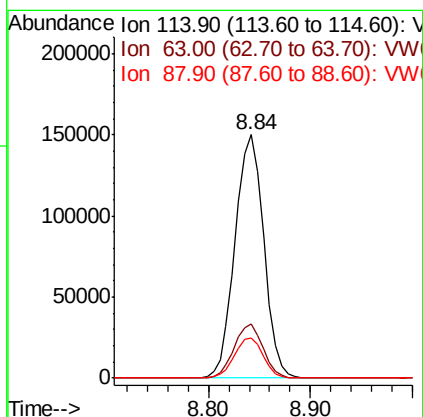
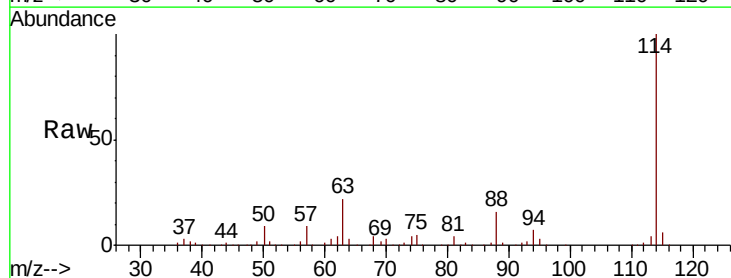
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

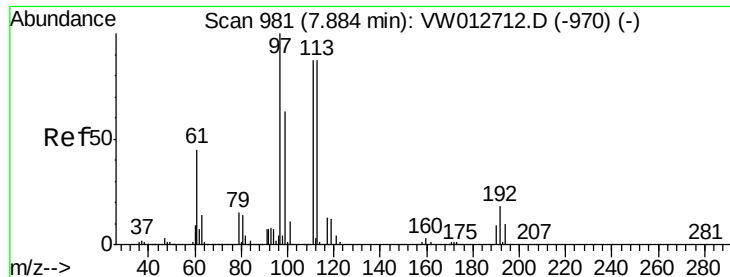
Tgt Ion: 65 Resp: 110058
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012883.D
 Acq: 10 Sep 2019 22:00

Tgt Ion: 114 Resp: 292817
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 47.2
 88 16.4 0.0 34.0

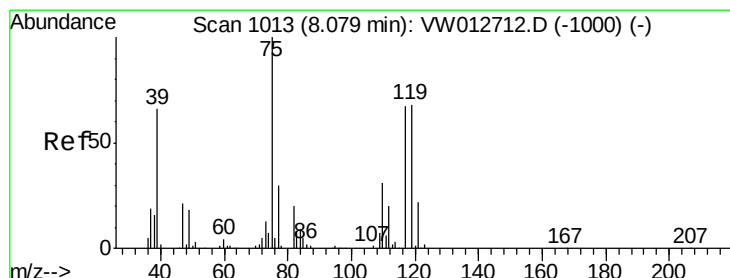
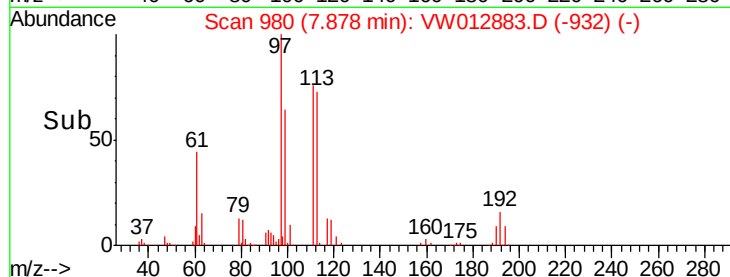
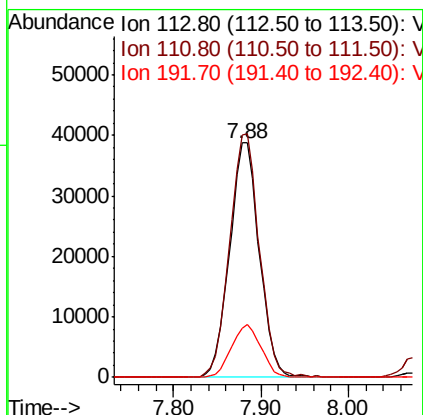
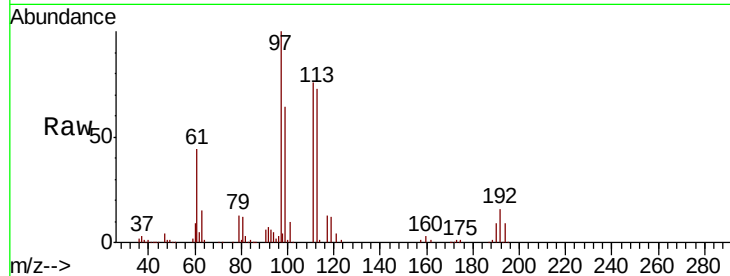




#35
 Dibromofluoromethane
 Concen: 52.785 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012883.D
 Acq: 10 Sep 2019 22:00

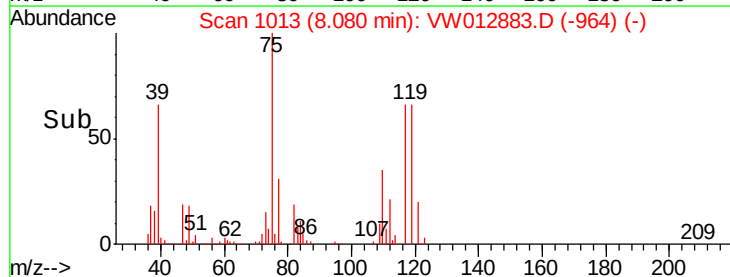
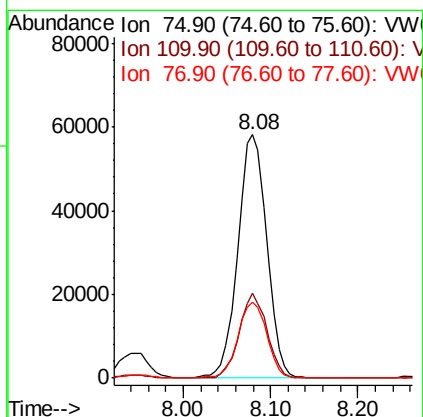
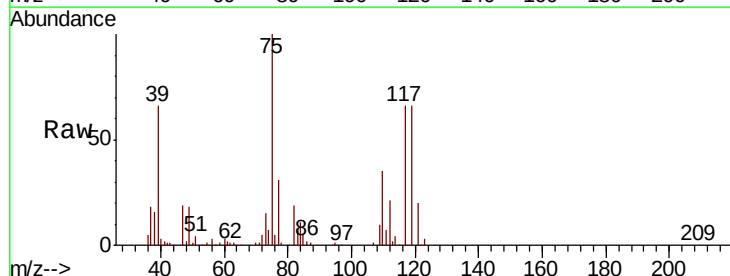
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

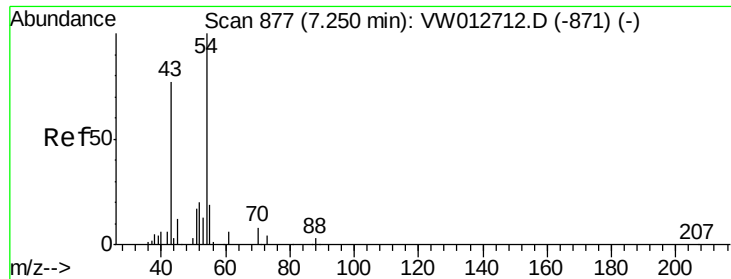
Tgt Ion: 113 Resp: 91893
 Ion Ratio Lower Upper
 113 100
 111 103.6 80.2 120.4
 192 22.5 17.3 25.9



#36
 1,1-Dichloropropene
 Concen: 51.470 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW012883.D
 Acq: 10 Sep 2019 22:00

Tgt Ion: 75 Resp: 133912
 Ion Ratio Lower Upper
 75 100
 110 33.3 15.9 47.7
 77 31.4 25.0 37.4

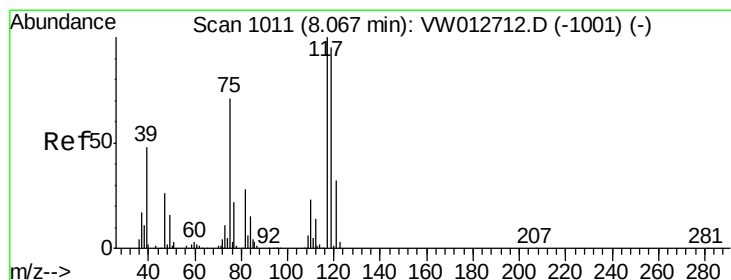
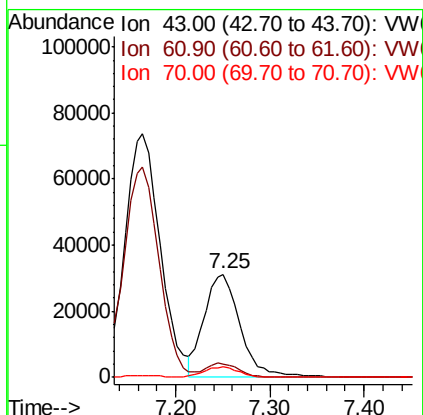
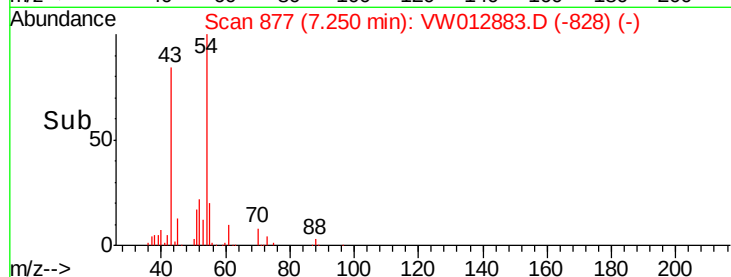
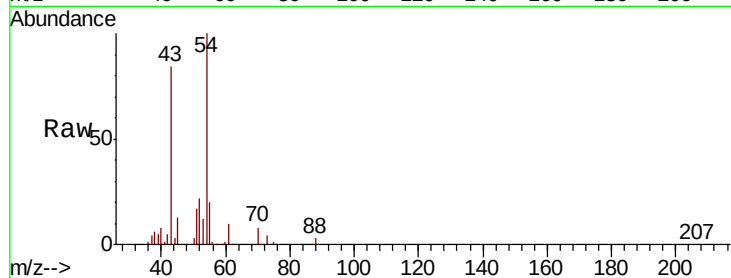




#37
Ethyl Acetate
Concen: 48.612 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW012883.D
Acq: 10 Sep 2019 22:00

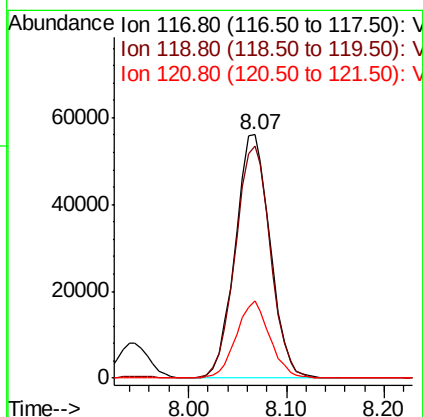
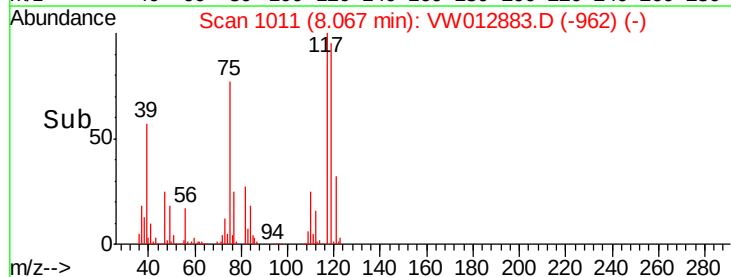
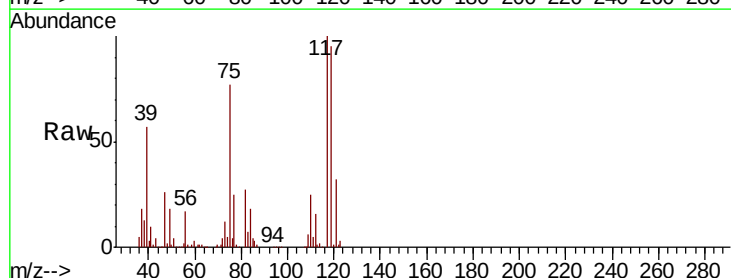
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

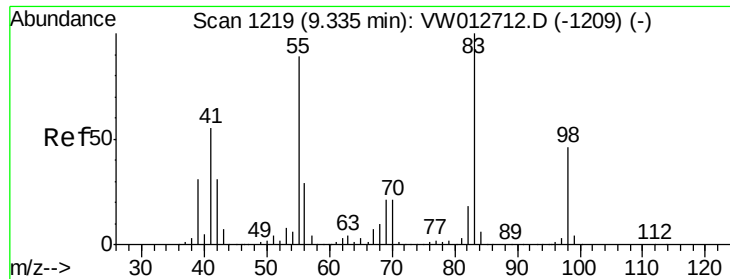
Tgt Ion: 43 Resp: 80625
Ion Ratio Lower Upper
43 100
61 12.8 9.5 14.3
70 9.6 7.0 10.6



#38
Carbon Tetrachloride
Concen: 54.159 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW012883.D
Acq: 10 Sep 2019 22:00

Tgt Ion: 117 Resp: 138900
Ion Ratio Lower Upper
117 100
119 95.3 76.2 114.2
121 31.6 25.4 38.2

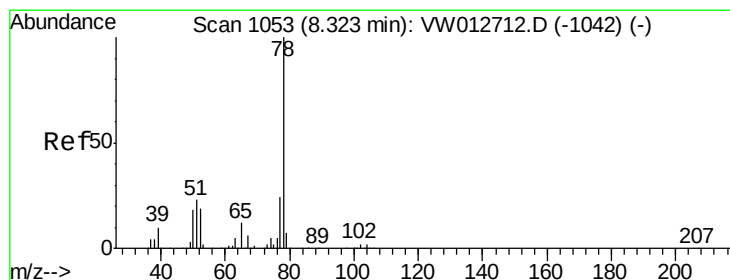
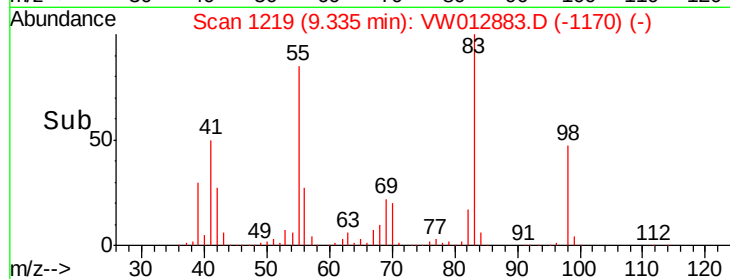
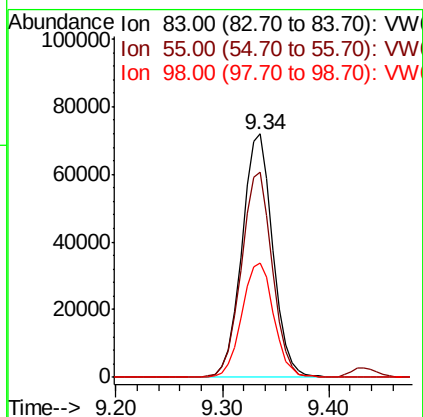
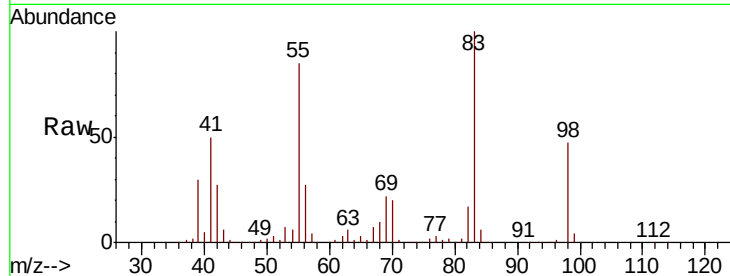




#39
Methylcyclohexane
Concen: 50.244 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW012883.D
Acq: 10 Sep 2019 22:00

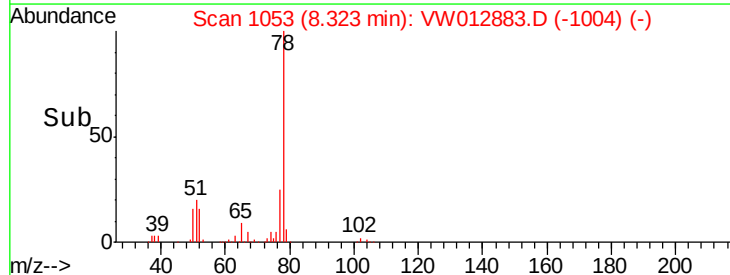
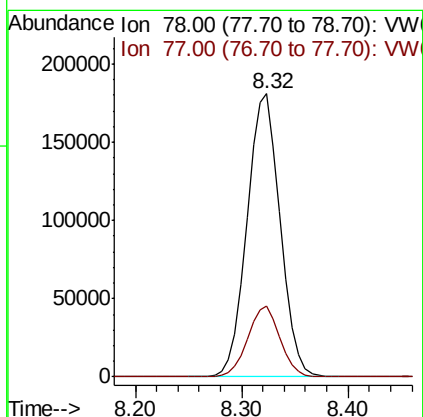
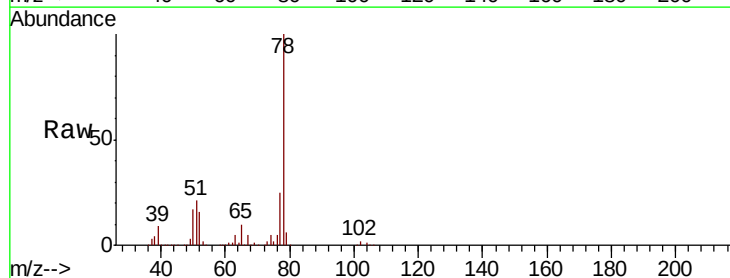
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

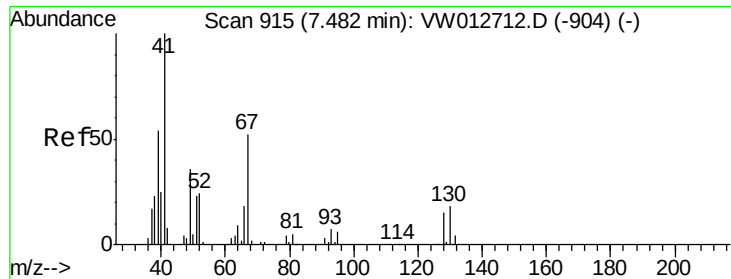
Tgt Ion: 83 Resp: 146818
Ion Ratio Lower Upper
83 100
55 84.5 71.0 106.4
98 47.1 36.9 55.3



#40
Benzene
Concen: 54.841 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW012883.D
Acq: 10 Sep 2019 22:00

Tgt Ion: 78 Resp: 395873
Ion Ratio Lower Upper
78 100
77 25.0 19.3 28.9





#41

Methacrylonitrile

Concen: 49.836 ug/l

RT: 7.48 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 56171

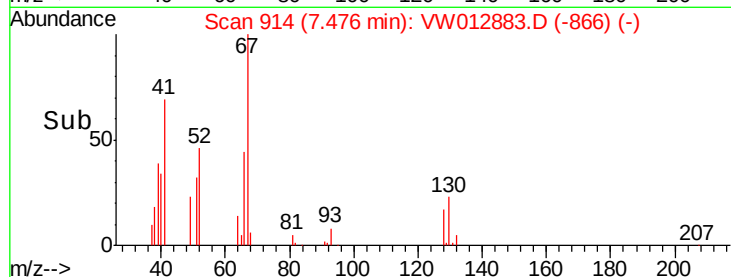
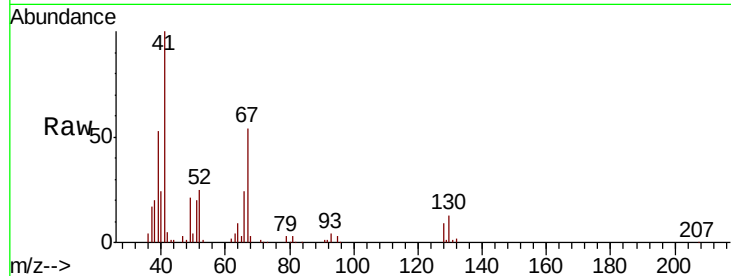
Ion Ratio Lower Upper

41 100

39 52.4 47.5 71.3

67 57.1 45.1 67.7

52 25.5 20.2 30.2

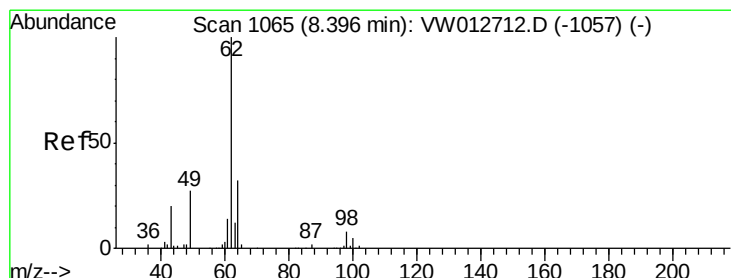
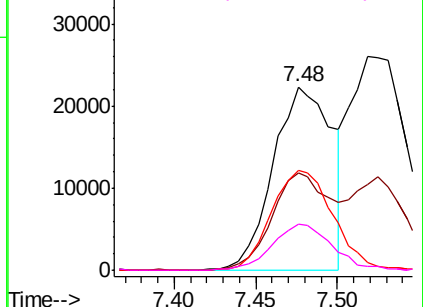


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 54.130 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW012883.D

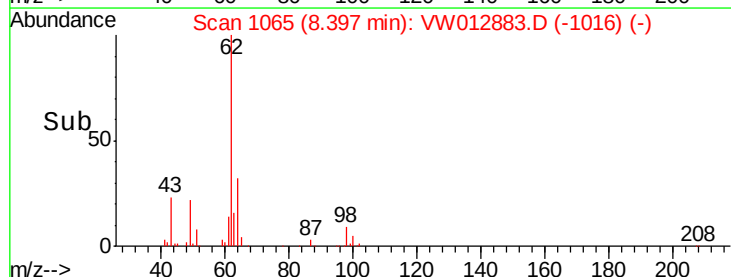
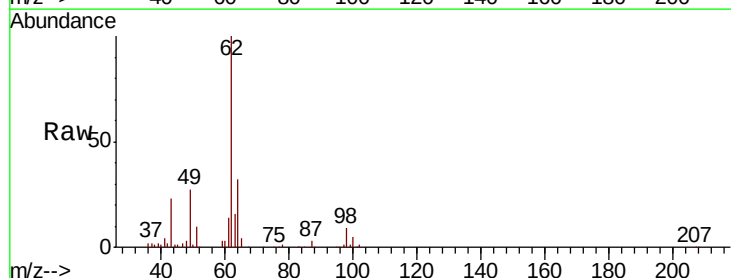
Acq: 10 Sep 2019 22:00

Tgt Ion: 62 Resp: 137516

Ion Ratio Lower Upper

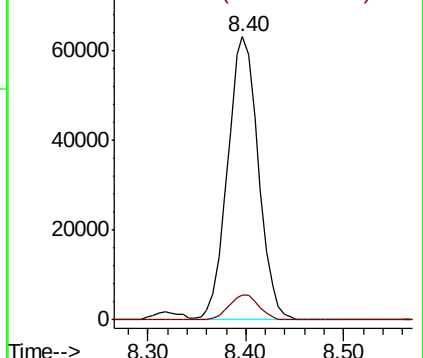
62 100

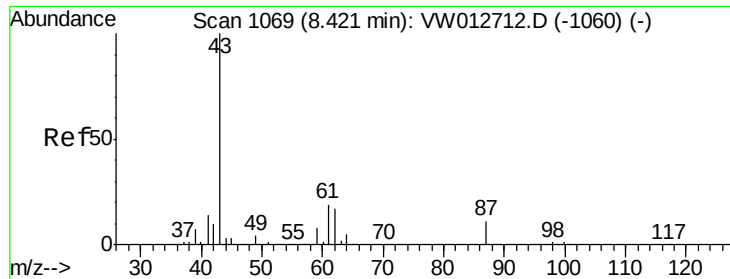
98 8.7 0.0 16.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 51.490 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

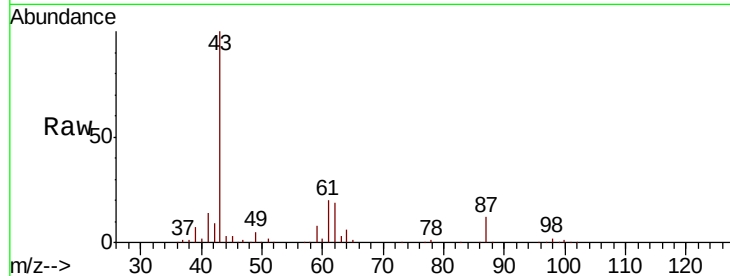
Tgt Ion: 43 Resp: 161792

Ion Ratio Lower Upper

43 100

61 27.5 20.6 30.8

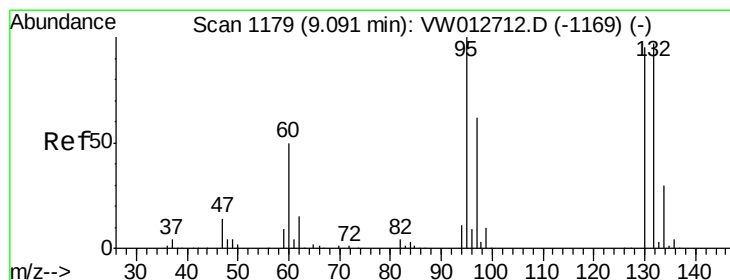
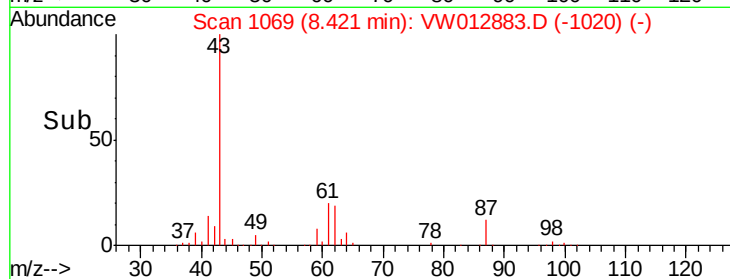
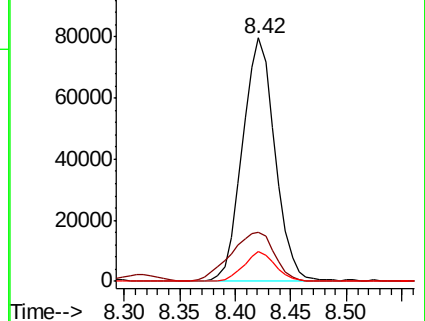
87 11.9 8.6 13.0



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: 56.325 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW012883.D

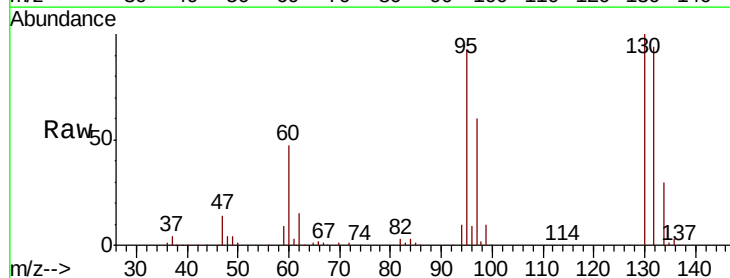
Acq: 10 Sep 2019 22:00

Tgt Ion: 130 Resp: 104806

Ion Ratio Lower Upper

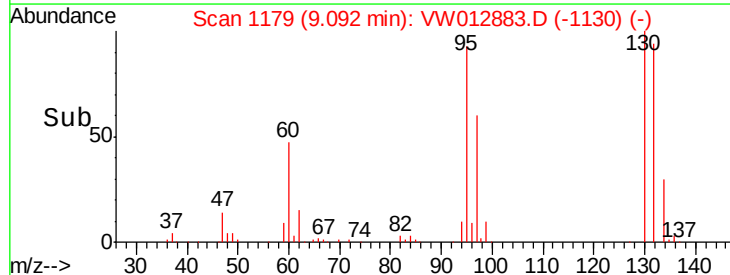
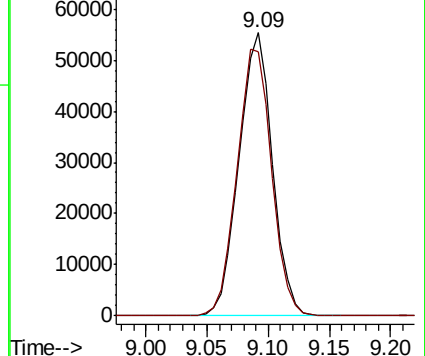
130 100

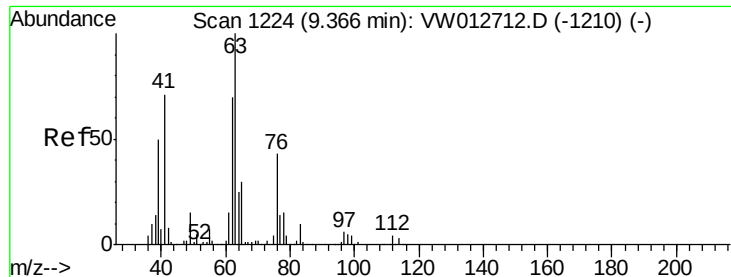
95 93.3 0.0 210.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

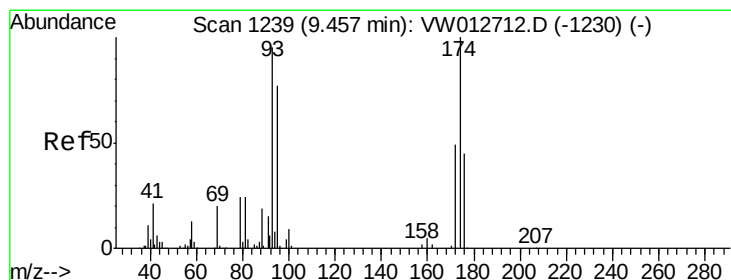
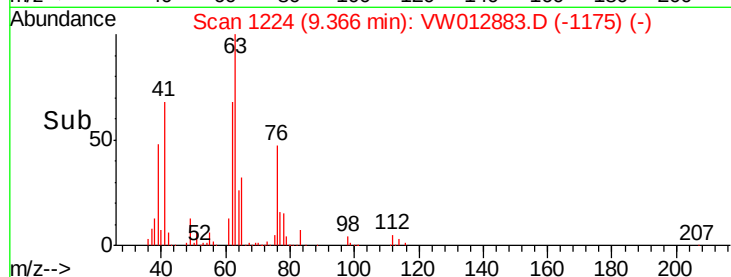
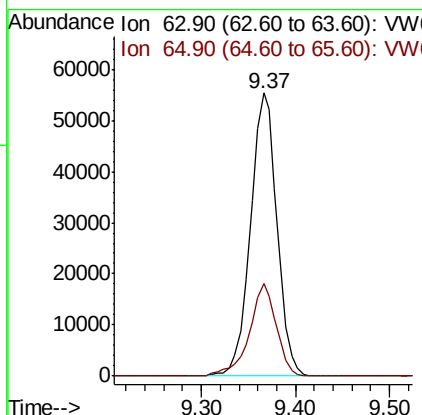
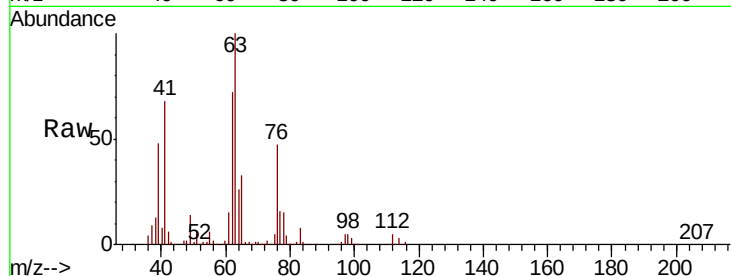




#45
 1,2-Dichloropropane
 Concen: 54.656 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW012883.D
 Acq: 10 Sep 2019 22:00

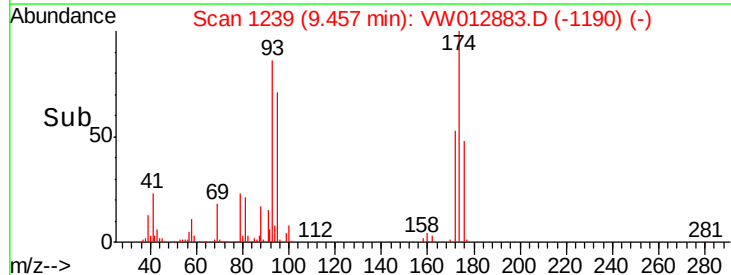
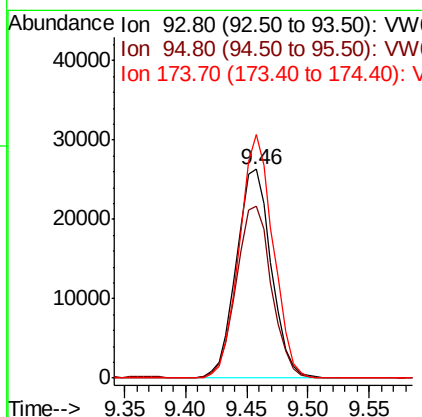
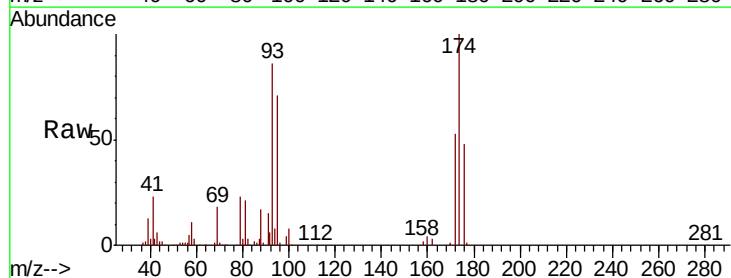
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

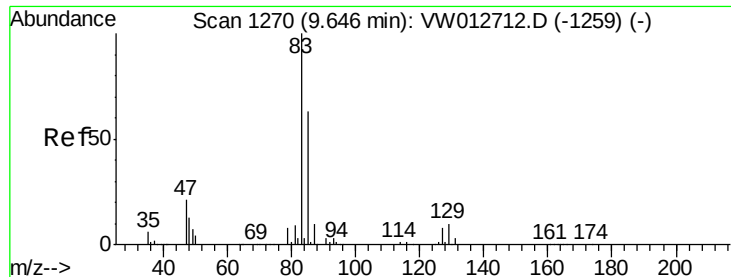
Tgt Ion: 63 Resp: 109426
 Ion Ratio Lower Upper
 63 100
 65 32.5 23.8 35.8



#46
 Dibromomethane
 Concen: 54.969 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW012883.D
 Acq: 10 Sep 2019 22:00

Tgt Ion: 93 Resp: 52114
 Ion Ratio Lower Upper
 93 100
 95 83.3 65.2 97.8
 174 112.8 84.2 126.4

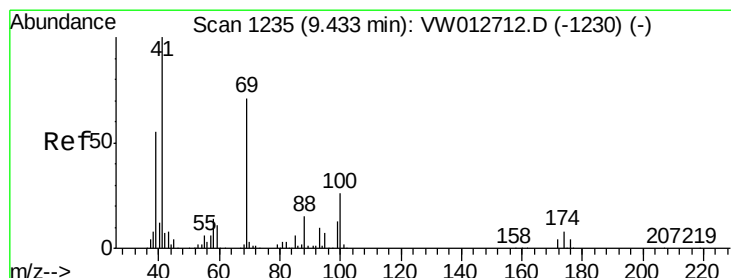
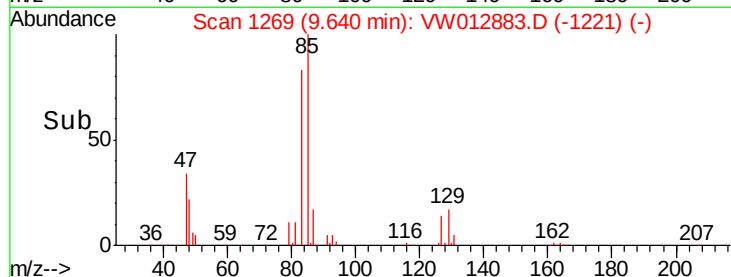
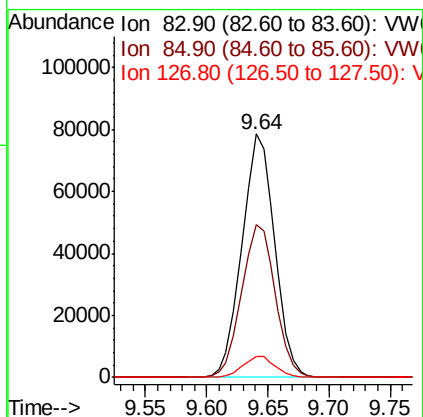
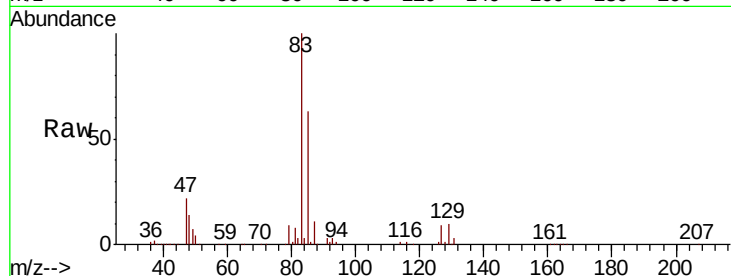




#47
 Bromodichloromethane
 Concen: 56.068 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VW012883.D
 Acq: 10 Sep 2019 22:00

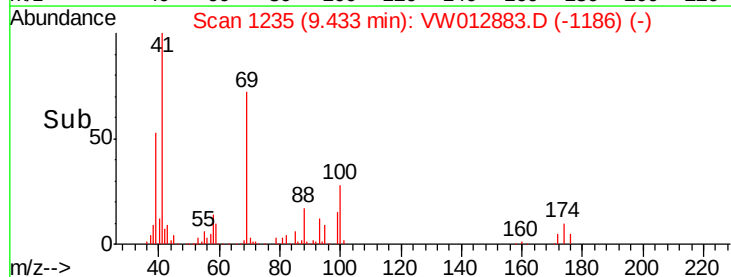
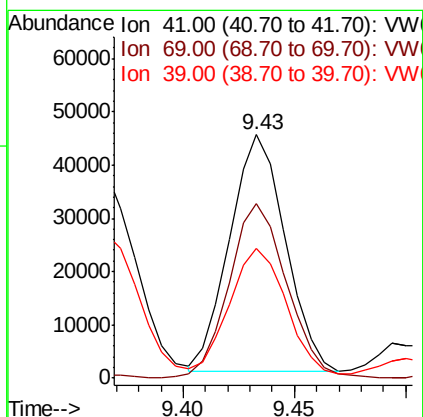
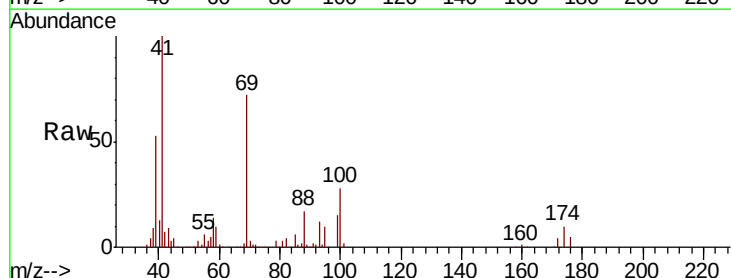
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

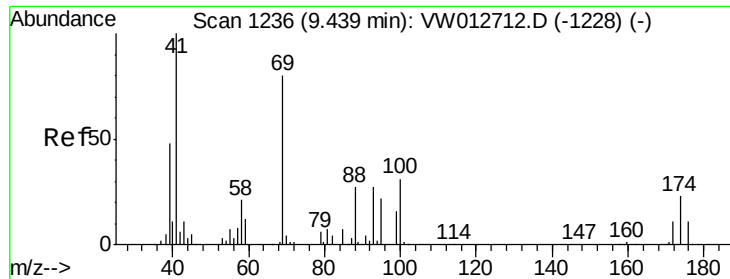
Tgt Ion: 83 Resp: 146245
 Ion Ratio Lower Upper
 83 100
 85 62.8 50.2 75.2
 127 8.5 6.6 9.8



#48
 Methyl methacrylate
 Concen: 51.578 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VW012883.D
 Acq: 10 Sep 2019 22:00

Tgt Ion: 41 Resp: 77451
 Ion Ratio Lower Upper
 41 100
 69 75.9 59.8 89.8
 39 57.5 47.0 70.6

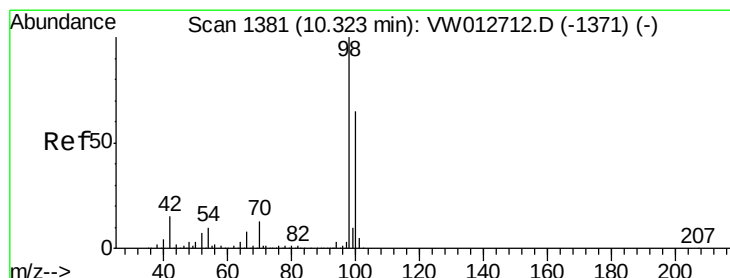
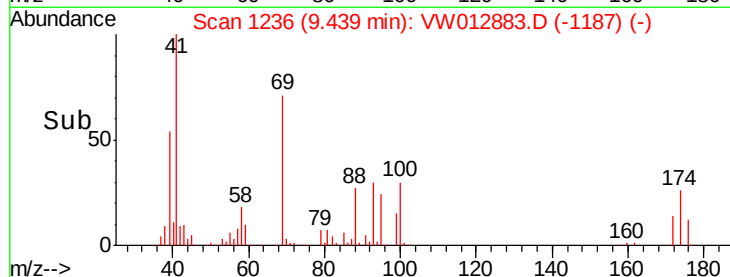
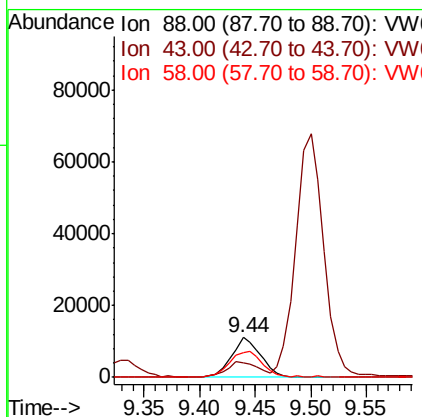
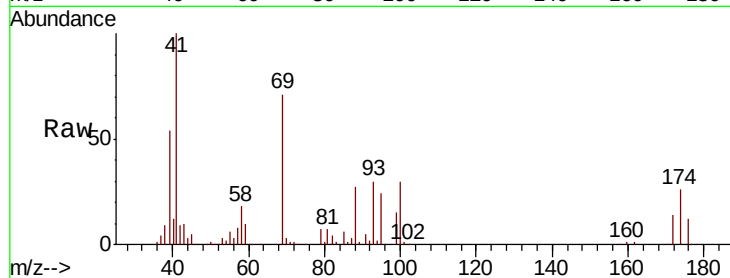




#49
 1,4-Dioxane
 Concen: 1094.613 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VW012883.D
 Acq: 10 Sep 2019 22:00

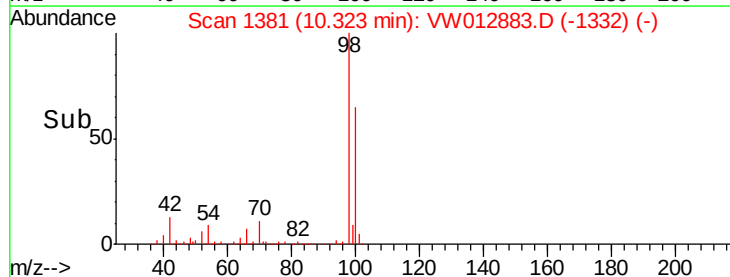
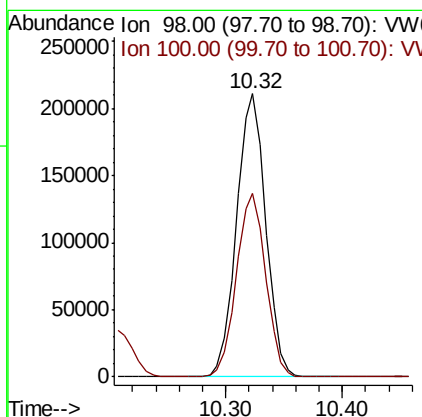
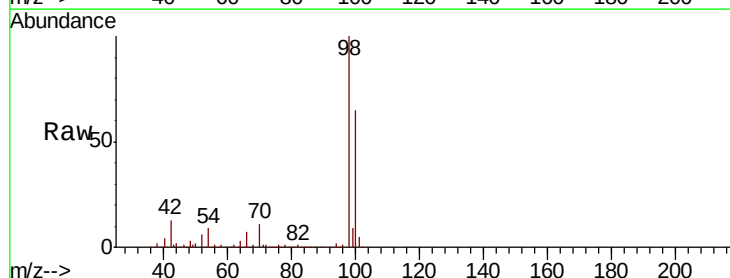
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

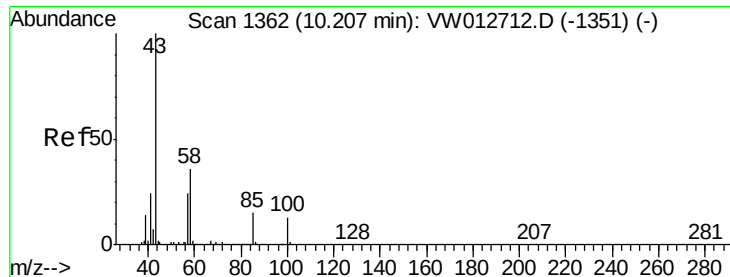
Tgt Ion: 88 Resp: 20499
 Ion Ratio Lower Upper
 88 100
 43 40.4 34.8 52.2
 58 74.7 64.1 96.1



#50
 Toluene-d8
 Concen: 54.006 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW012883.D
 Acq: 10 Sep 2019 22:00

Tgt Ion: 98 Resp: 368341
 Ion Ratio Lower Upper
 98 100
 100 65.0 52.2 78.4

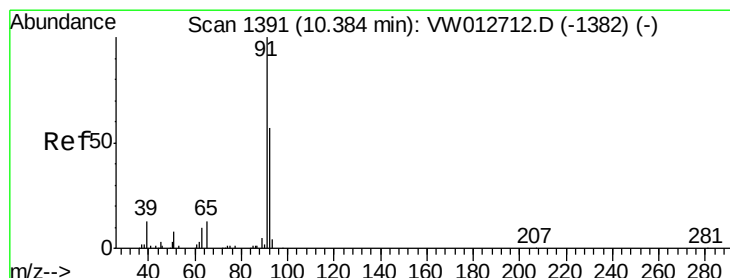
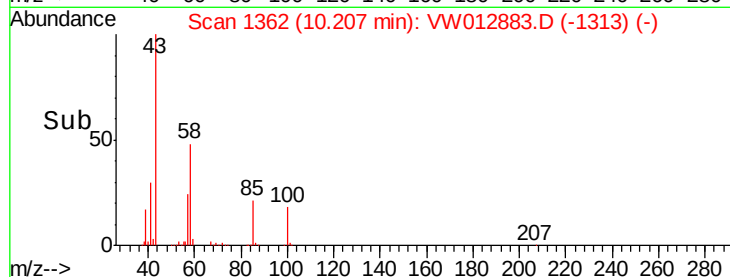
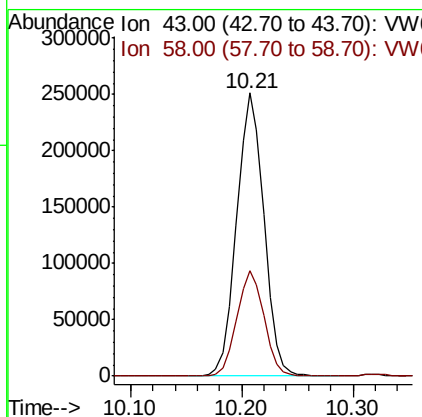
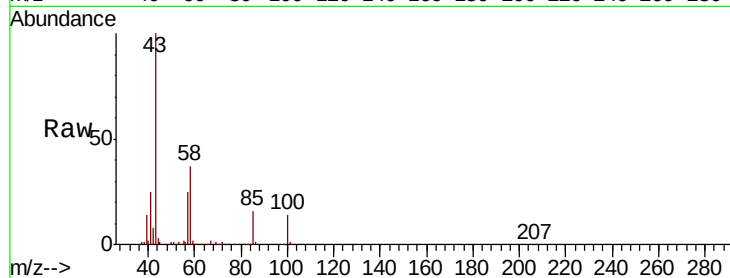




#51
 4-Methyl-2-Pentanone
 Concen: 258.084 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW012883.D
 Acq: 10 Sep 2019 22:00

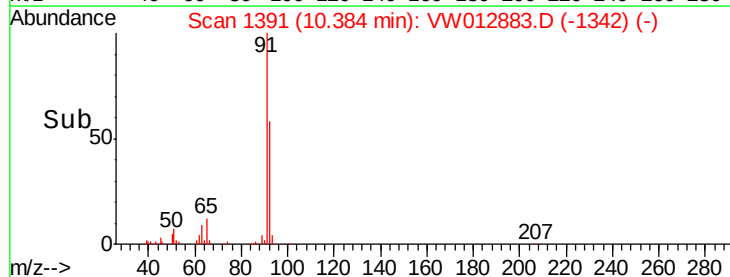
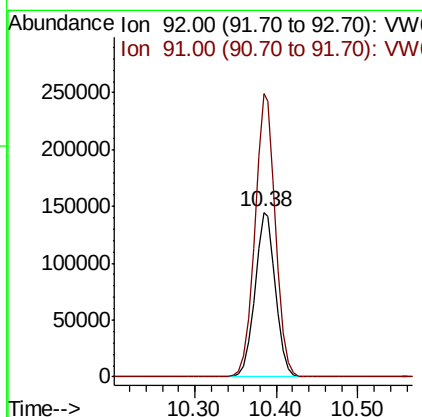
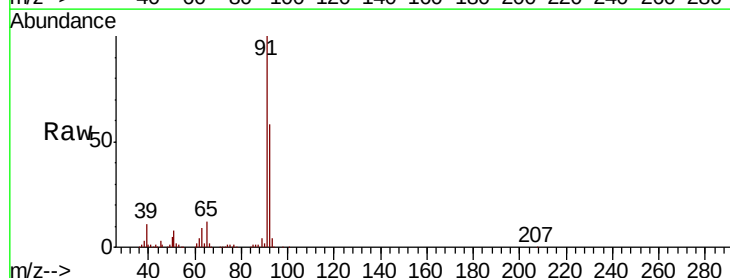
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

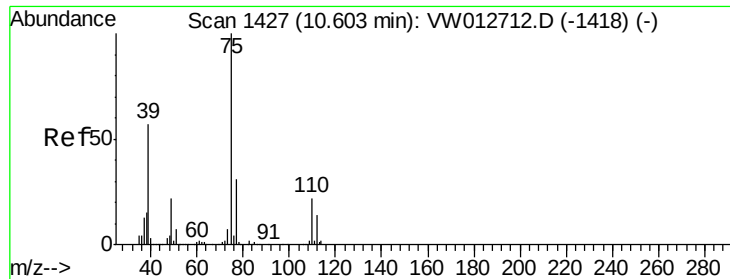
Tgt Ion: 43 Resp: 425533
 Ion Ratio Lower Upper
 43 100
 58 37.2 28.4 42.6



#52
 Toluene
 Concen: 56.620 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW012883.D
 Acq: 10 Sep 2019 22:00

Tgt Ion: 92 Resp: 255097
 Ion Ratio Lower Upper
 92 100
 91 171.7 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 56.437 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

Instrument :

MSVOA_W

ClientSampleId :

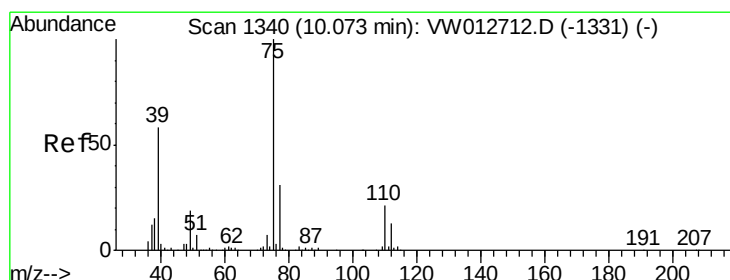
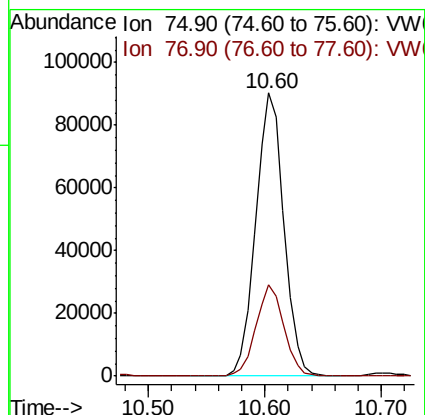
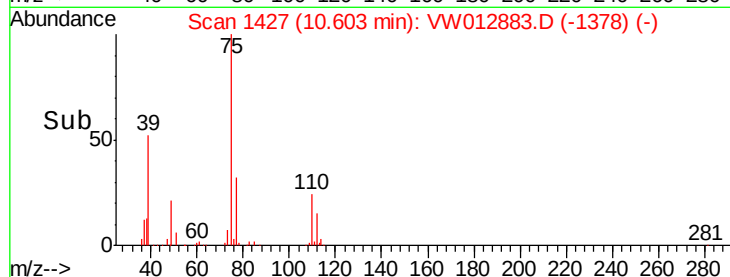
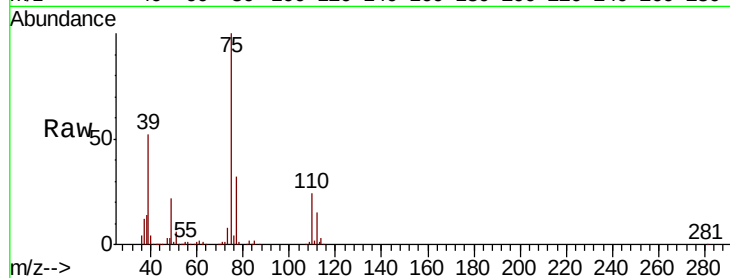
VSTDCCC050

Tgt Ion: 75 Resp: 151371

Ion Ratio Lower Upper

75 100

77 32.0 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 57.288 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

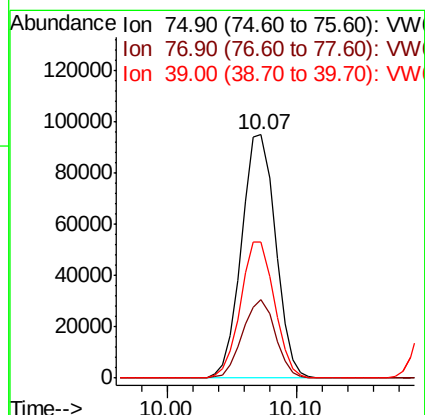
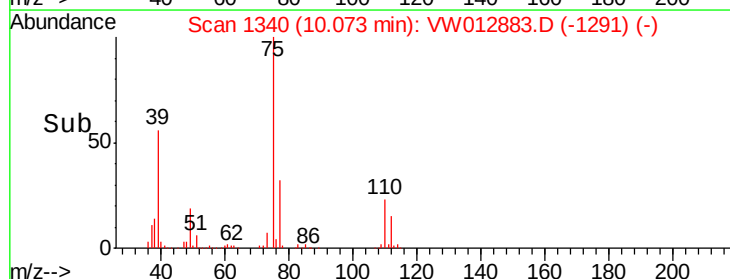
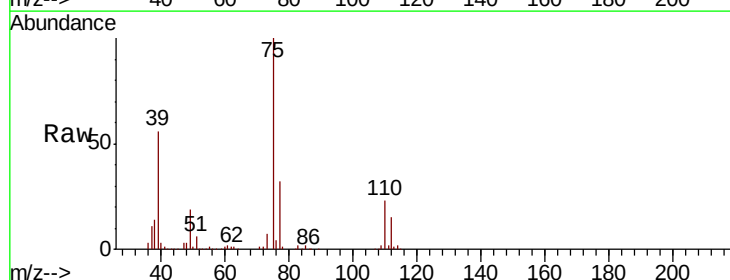
Tgt Ion: 75 Resp: 174307

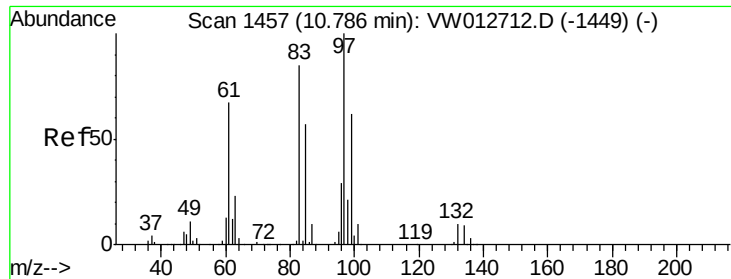
Ion Ratio Lower Upper

75 100

77 32.1 24.6 36.8

39 55.8 46.3 69.5

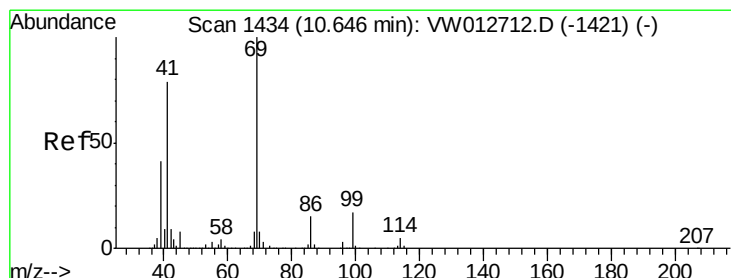
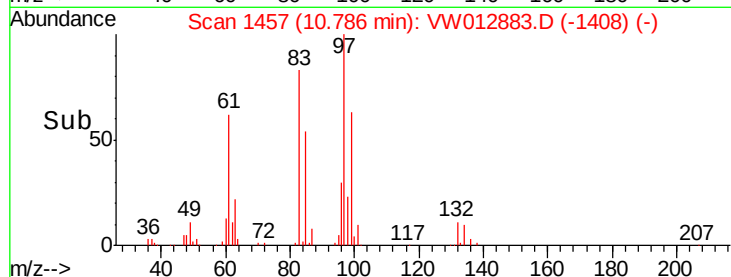
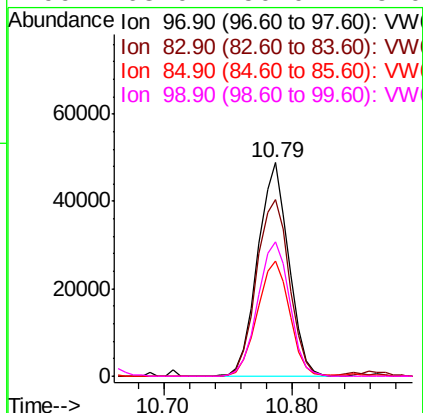
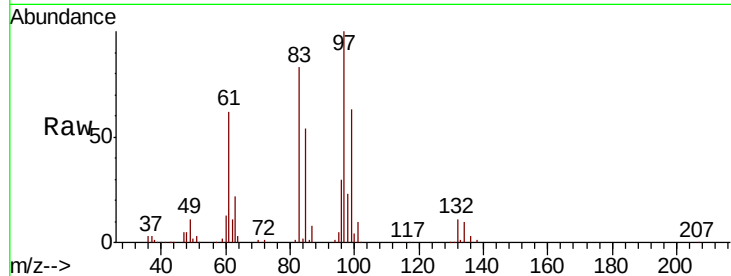




#55
 1,1,2-Trichloroethane
 Concen: 57.339 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW012883.D
 Acq: 10 Sep 2019 22:00

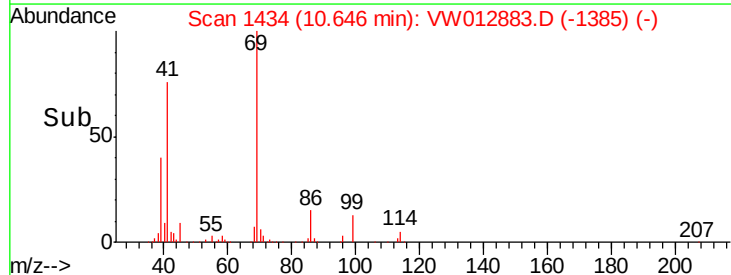
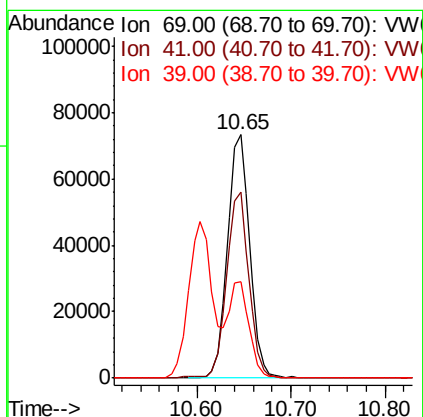
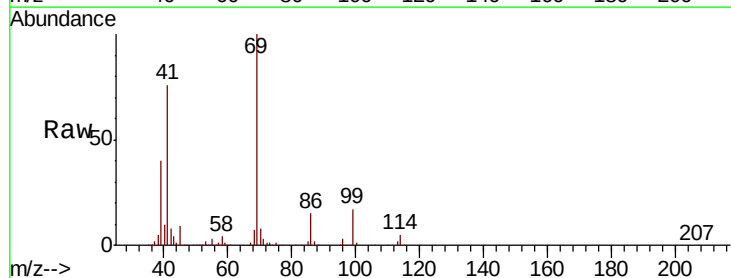
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

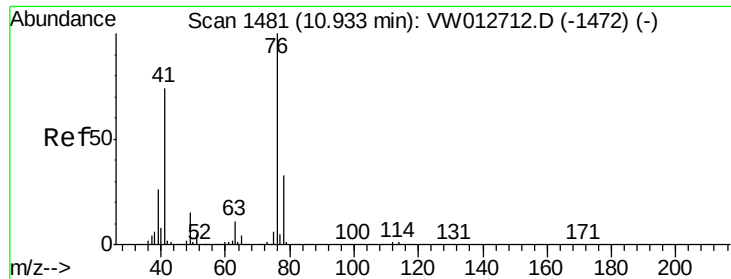
Tgt Ion:	97	Resp:	81385
Ion	Ratio	Lower	Upper
97	100		
83	82.8	68.1	102.1
85	54.0	45.3	67.9
99	63.0	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 57.672 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW012883.D
 Acq: 10 Sep 2019 22:00

Tgt Ion:	69	Resp:	119824
Ion	Ratio	Lower	Upper
69	100		
41	77.2	64.4	96.6
39	34.9	31.1	46.7

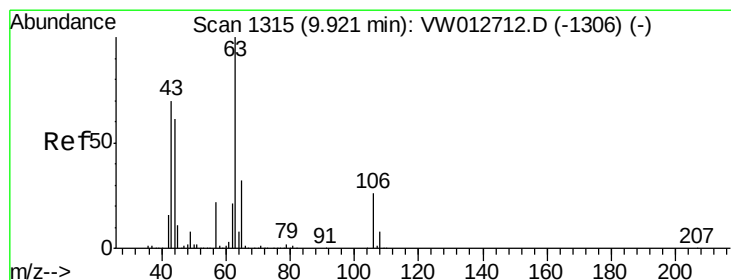
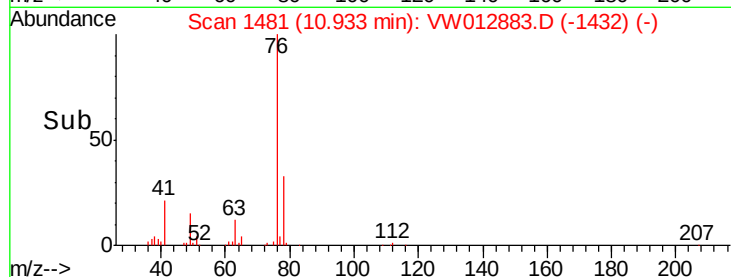
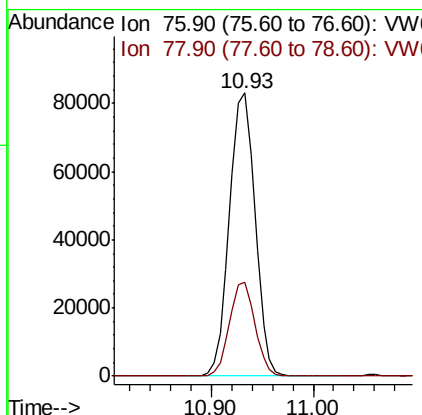
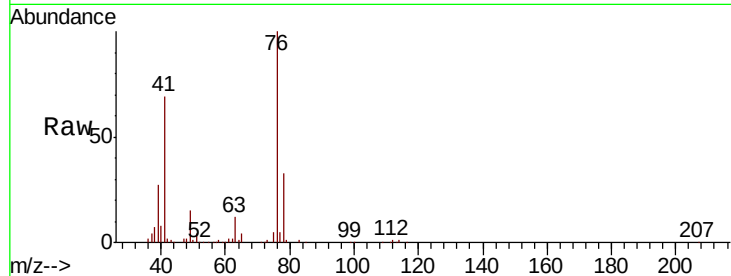




#57
 1,3-Dichloropropane
 Concen: 55.163 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW012883.D
 Acq: 10 Sep 2019 22:00

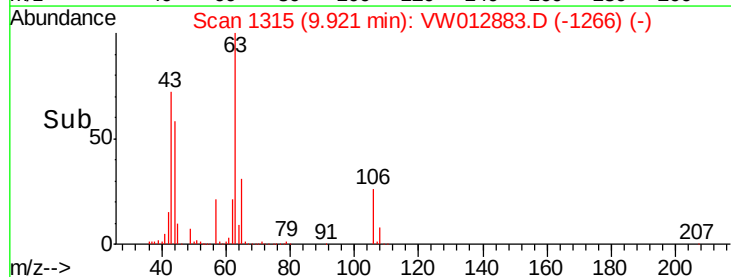
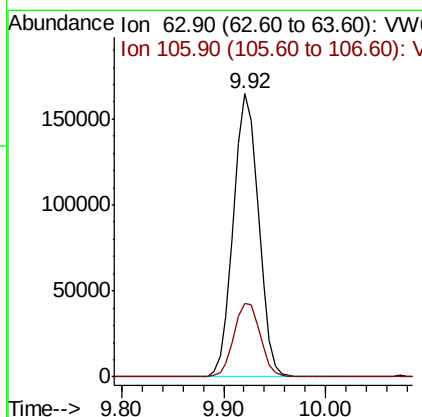
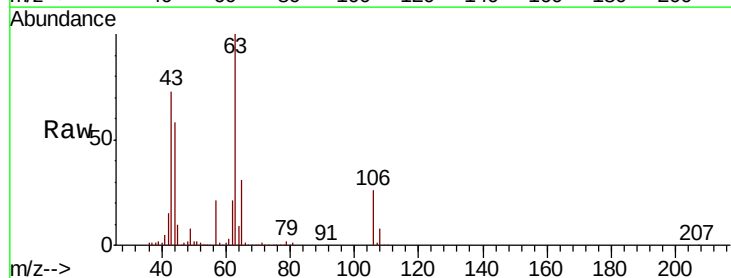
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

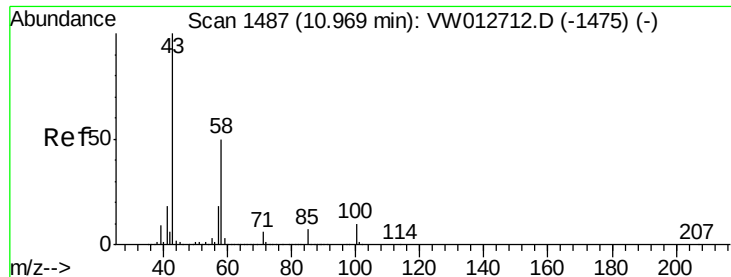
Tgt Ion: 76 Resp: 144848
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 253.878 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW012883.D
 Acq: 10 Sep 2019 22:00

Tgt Ion: 63 Resp: 280029
 Ion Ratio Lower Upper
 63 100
 106 27.2 20.5 30.7

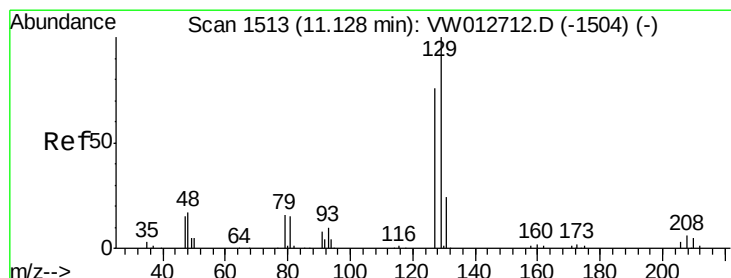
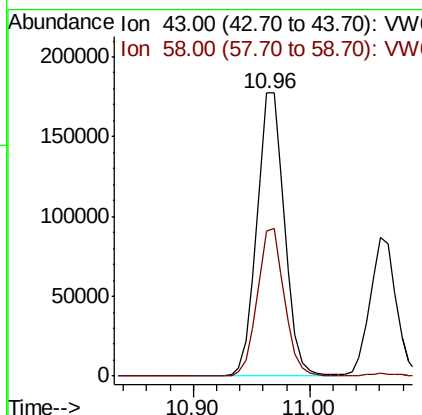
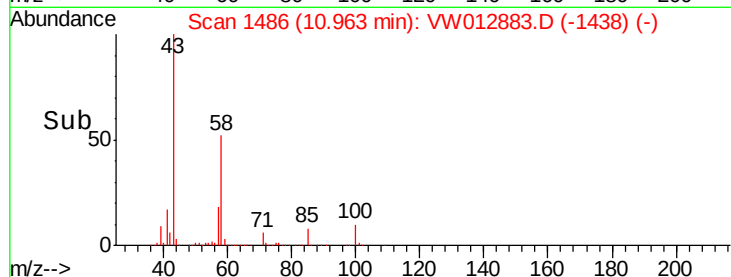
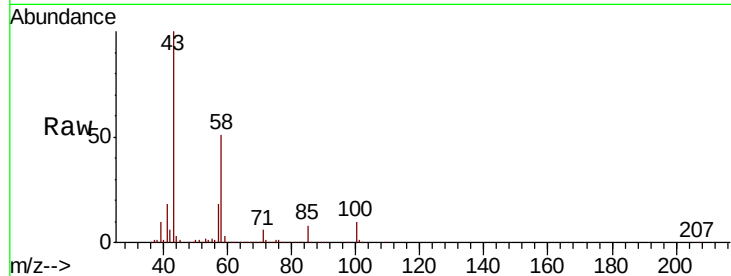




#59
2-Hexanone
Concen: 244.744 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VW012883.D
Acq: 10 Sep 2019 22:00

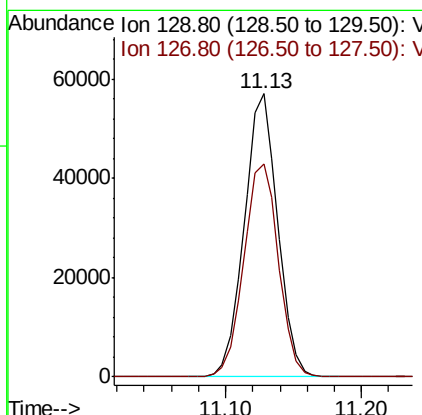
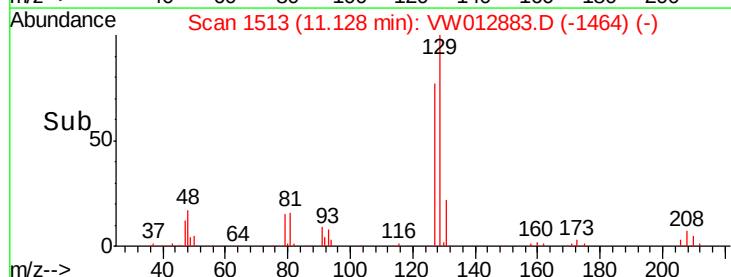
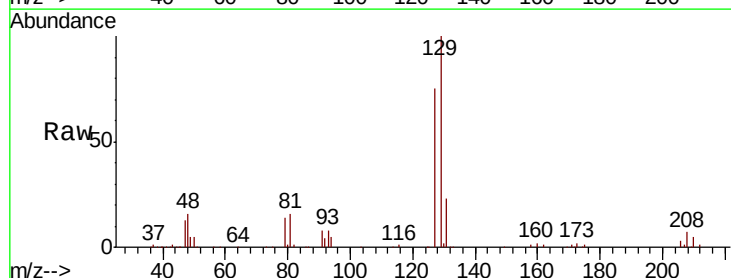
Instrument :
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ClientSampleId :
VSTDCCC050

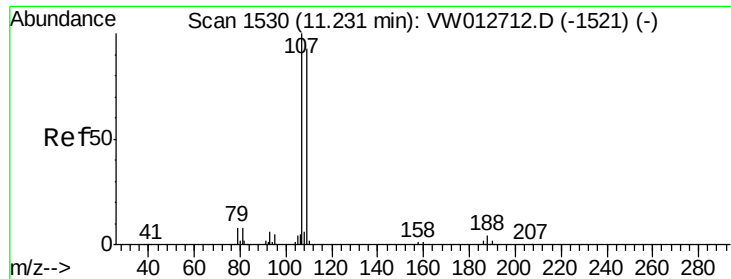
Tgt Ion: 43 Resp: 294818
Ion Ratio Lower Upper
43 100
58 50.8 24.7 74.1



#60
Dibromochloromethane
Concen: 58.767 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW012883.D
Acq: 10 Sep 2019 22:00

Tgt Ion: 129 Resp: 98099
Ion Ratio Lower Upper
129 100
127 78.0 38.6 115.8

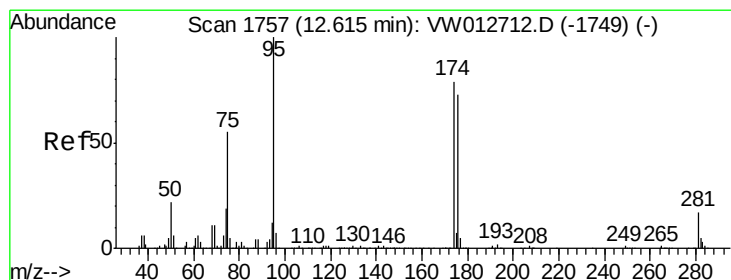
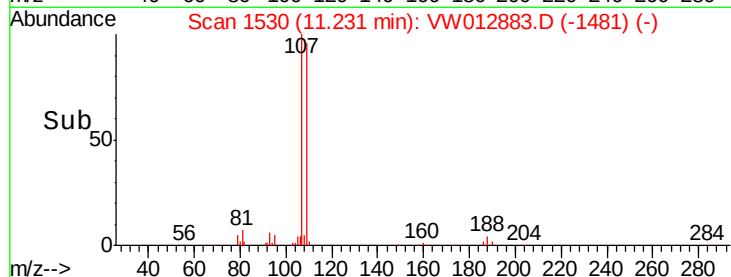
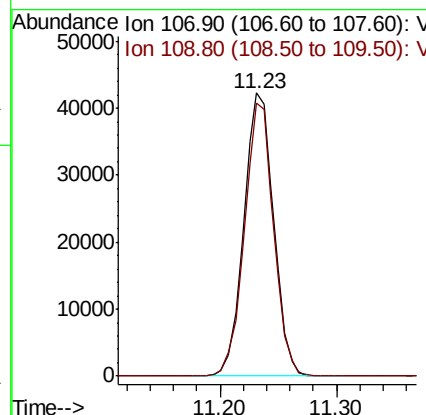
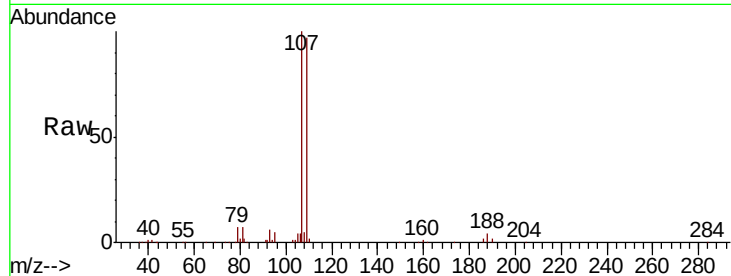




#61
 1,2-Dibromoethane
 Concen: 57.933 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW012883.D
 Acq: 10 Sep 2019 22:00

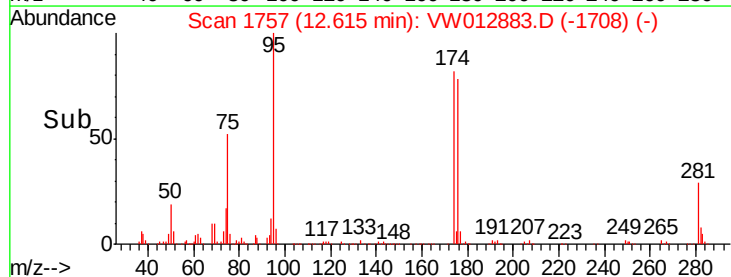
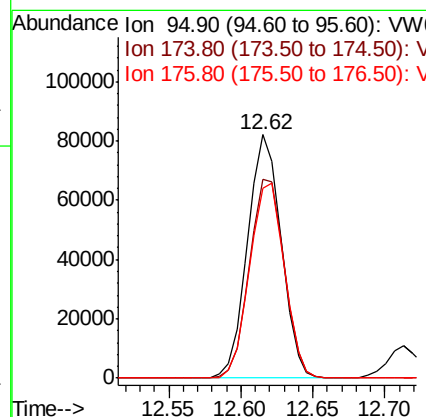
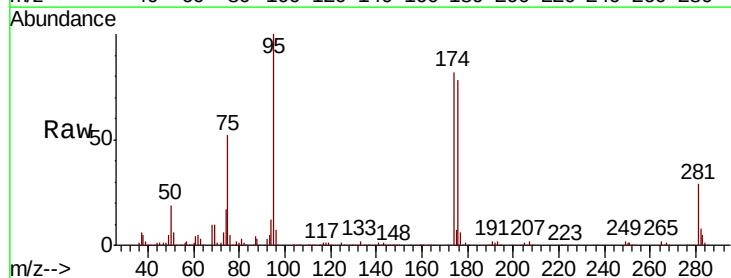
Instrument :
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 ClientSampleId :
 VSTDCCC050

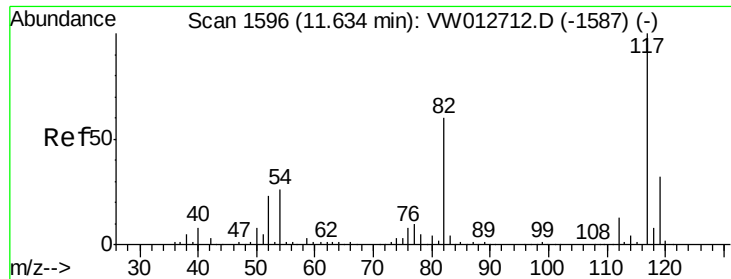
Tgt Ion: 107 Resp: 75387
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 53.557 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW012883.D
 Acq: 10 Sep 2019 22:00

Tgt Ion: 95 Resp: 132607
 Ion Ratio Lower Upper
 95 100
 174 84.4 0.0 161.0
 176 82.6 0.0 156.4

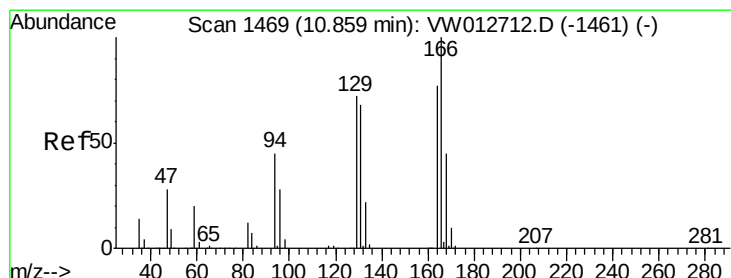
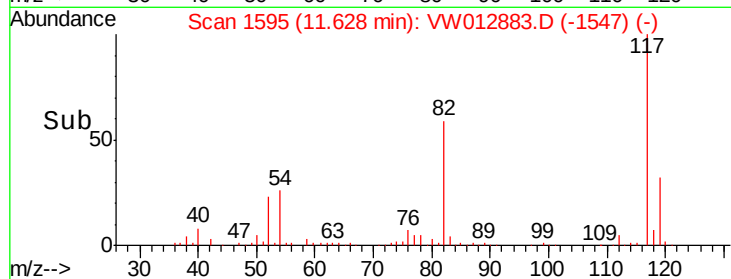
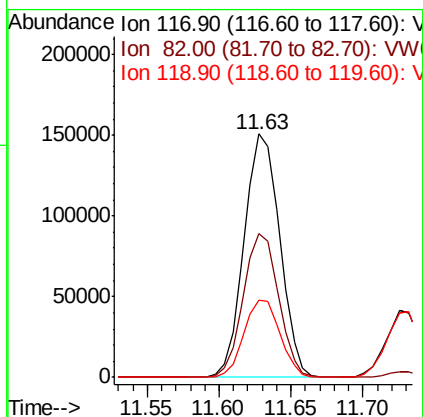
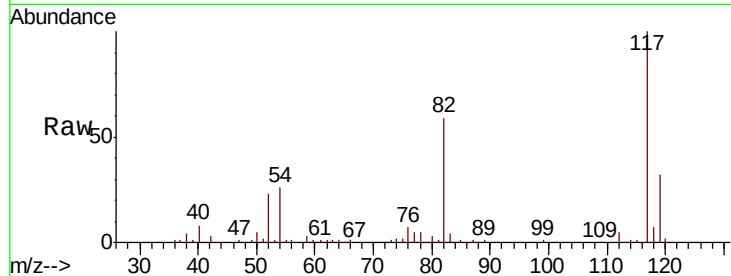




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012883.D
Acq: 10 Sep 2019 22:00

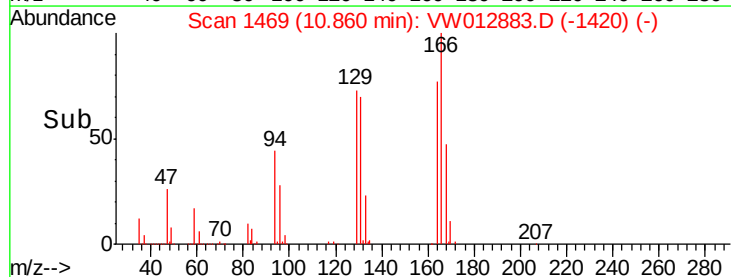
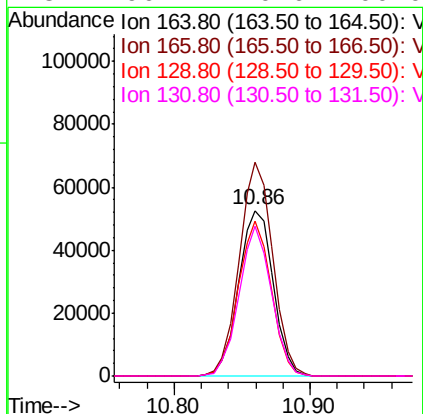
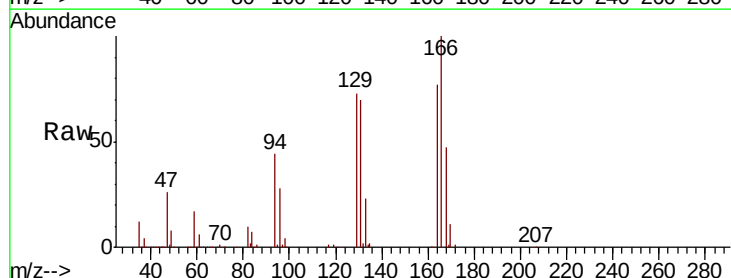
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

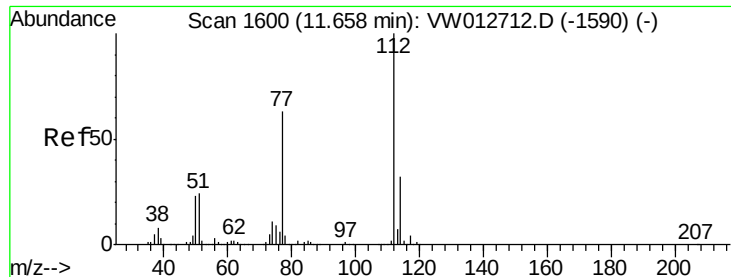
Tgt Ion:117 Resp: 258309
Ion Ratio Lower Upper
117 100
82 58.8 48.2 72.4
119 31.9 25.8 38.6



#64
Tetrachloroethene
Concen: 59.313 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW012883.D
Acq: 10 Sep 2019 22:00

Tgt Ion:164 Resp: 92965
Ion Ratio Lower Upper
164 100
166 129.3 103.6 155.4
129 93.8 74.6 112.0
131 90.4 70.6 106.0

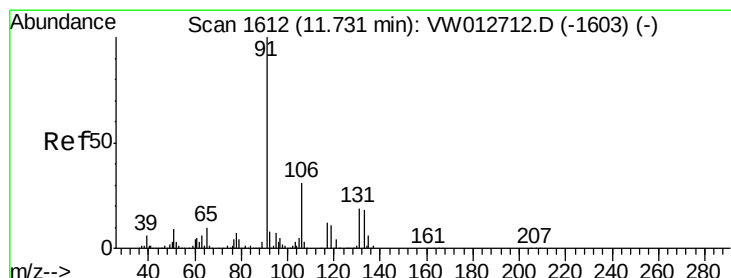
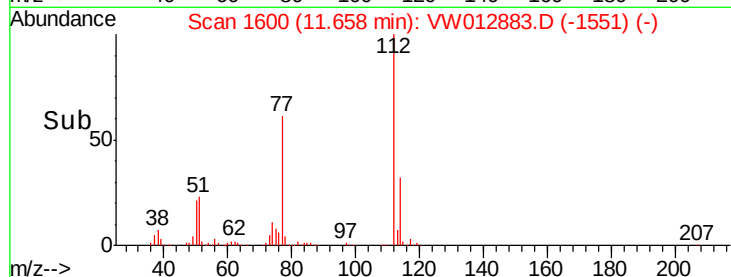
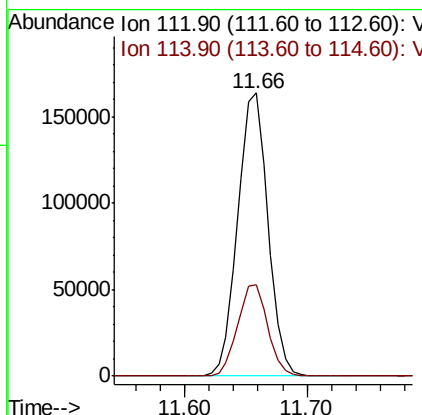
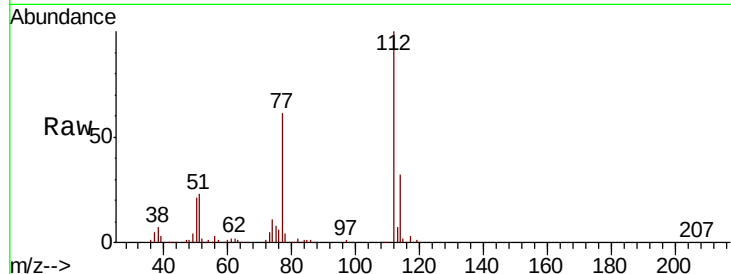




#65
Chlorobenzene
Concen: 57.458 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW012883.D
Acq: 10 Sep 2019 22:00

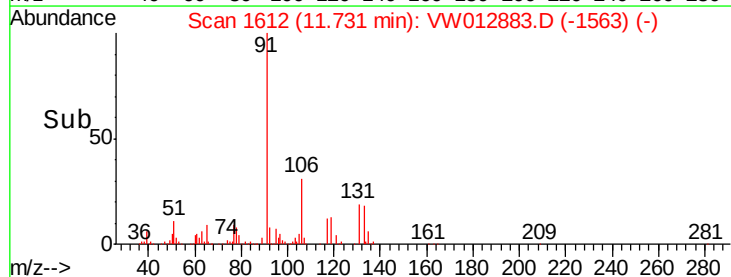
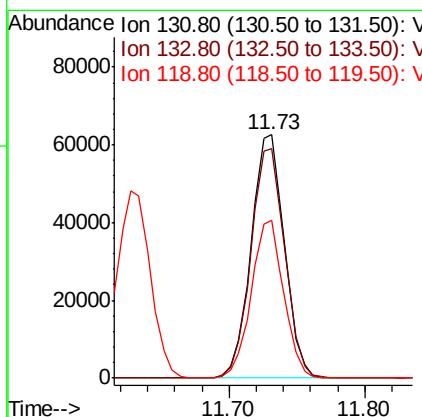
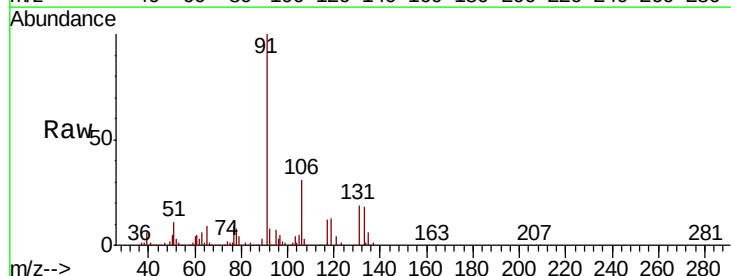
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

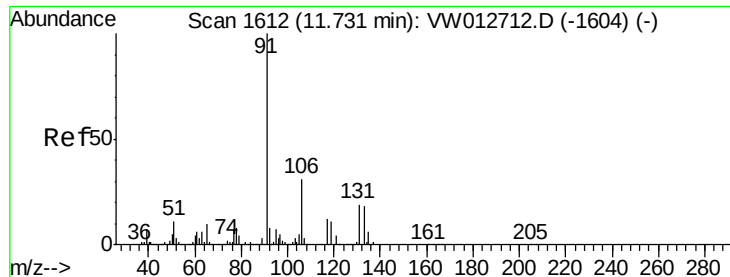
Tgt Ion:112 Resp: 280517
Ion Ratio Lower Upper
112 100
114 32.2 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 59.001 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012883.D
Acq: 10 Sep 2019 22:00

Tgt Ion:131 Resp: 107270
Ion Ratio Lower Upper
131 100
133 96.2 47.6 142.8
119 63.5 30.6 92.0

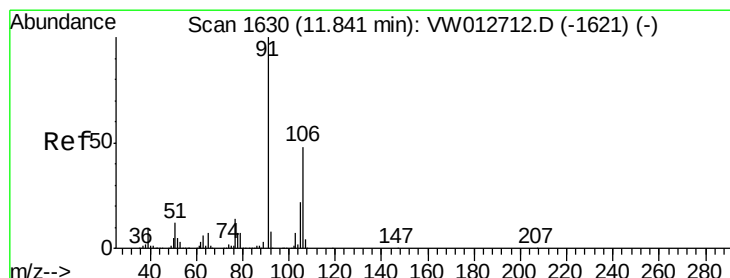
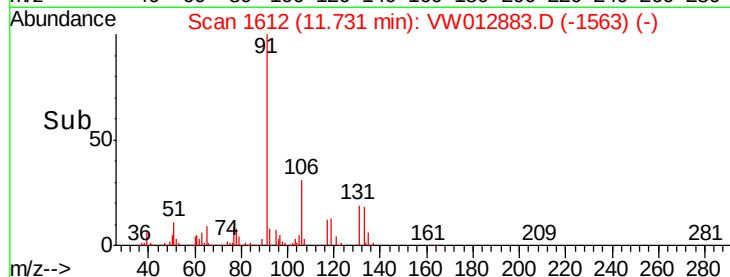
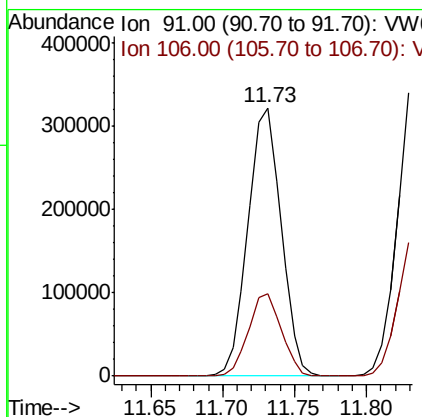
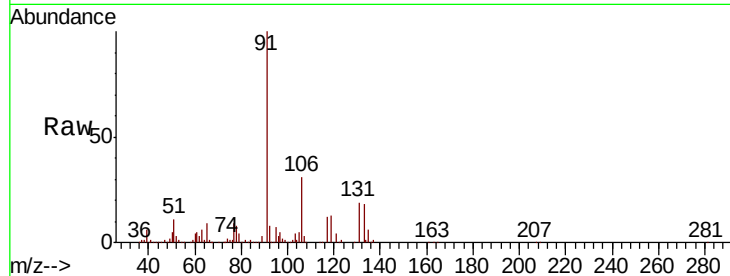




#67
Ethyl Benzene
Concen: 56.275 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012883.D
Acq: 10 Sep 2019 22:00

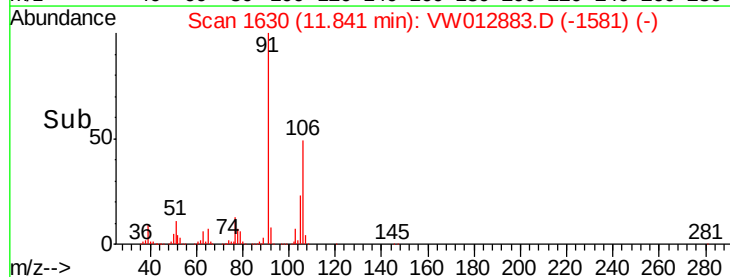
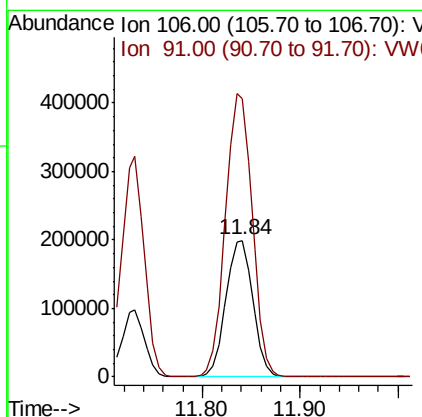
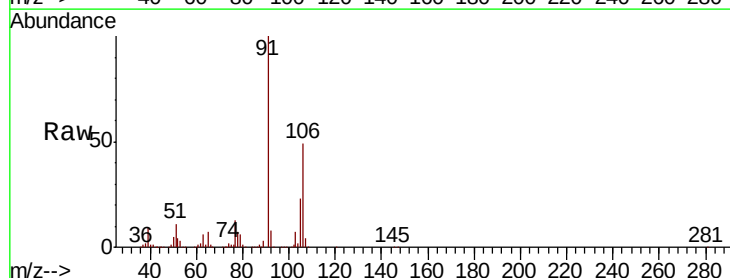
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

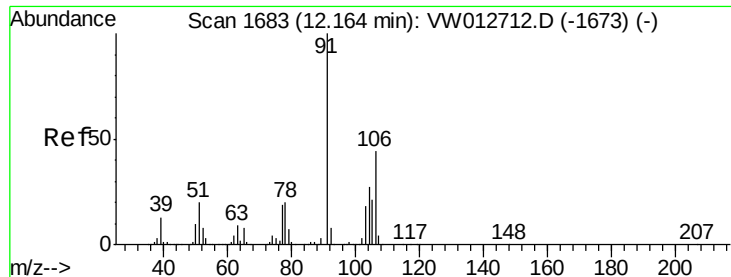
Tgt Ion: 91 Resp: 515484
Ion Ratio Lower Upper
91 100
106 30.5 24.4 36.6



#68
m/p-Xylenes
Concen: 115.205 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW012883.D
Acq: 10 Sep 2019 22:00

Tgt Ion: 106 Resp: 380910
Ion Ratio Lower Upper
106 100
91 206.7 168.2 252.4

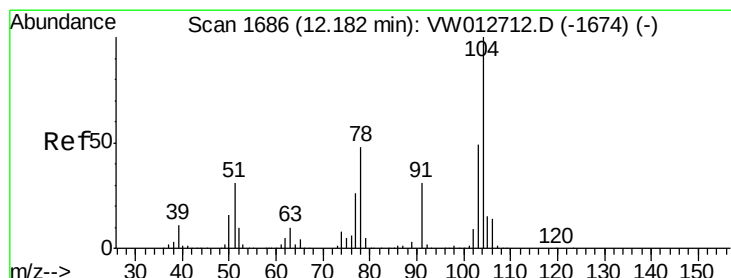
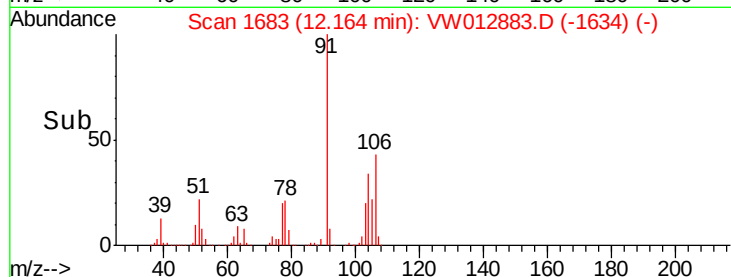
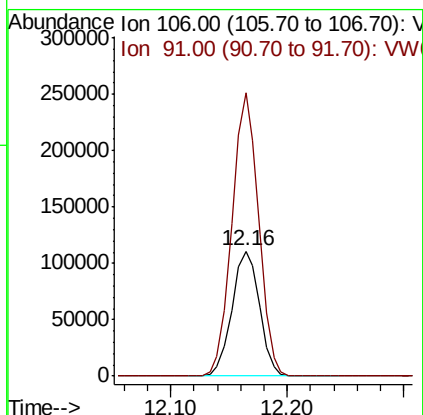
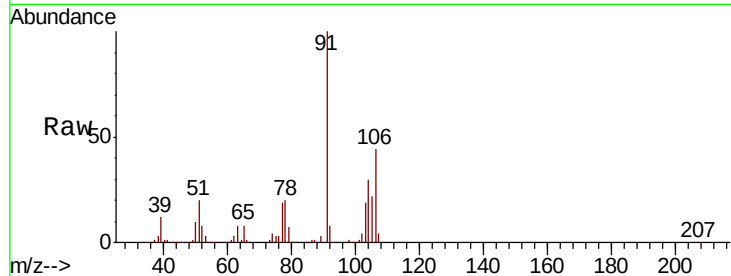




#69
o-Xylene
Concen: 58.333 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW012883.D
Acq: 10 Sep 2019 22:00

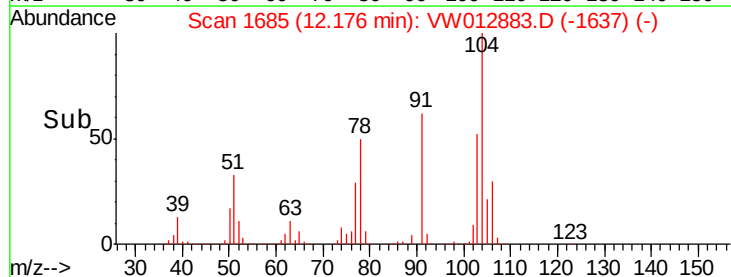
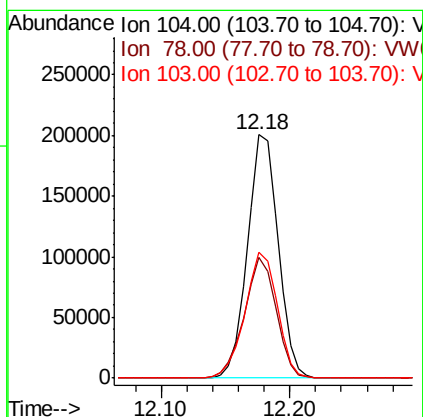
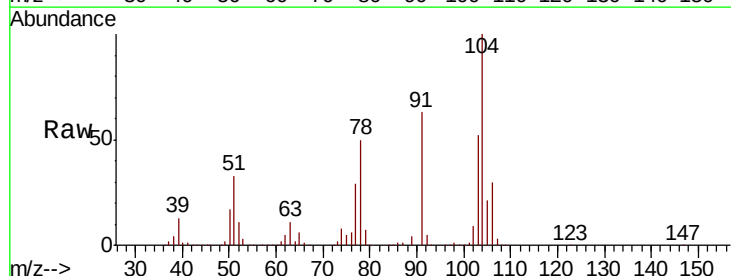
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

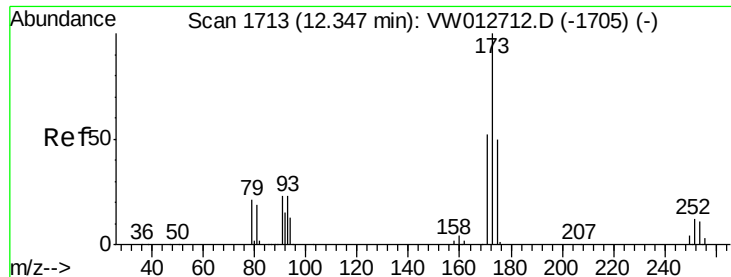
Tgt Ion:106 Resp: 181959
Ion Ratio Lower Upper
106 100
91 220.0 112.3 336.8



#70
Styrene
Concen: 59.670 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW012883.D
Acq: 10 Sep 2019 22:00

Tgt Ion:104 Resp: 328904
Ion Ratio Lower Upper
104 100
78 52.0 43.3 64.9
103 54.8 44.0 66.0





#71

Bromoform

Concen: 58.921 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

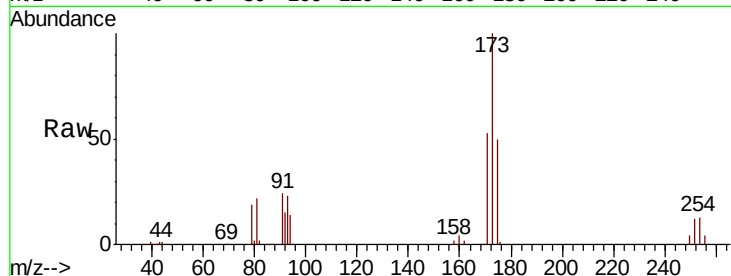
Tgt Ion:173 Resp: 59517

Ion Ratio Lower Upper

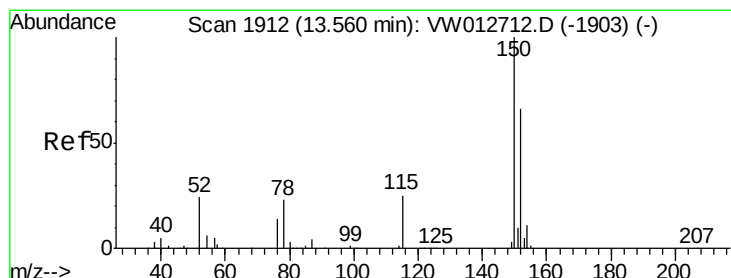
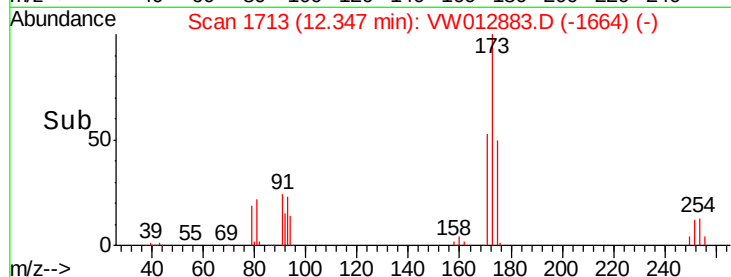
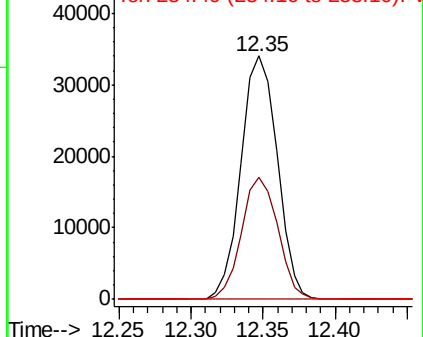
173 100

175 50.2 24.8 74.3

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

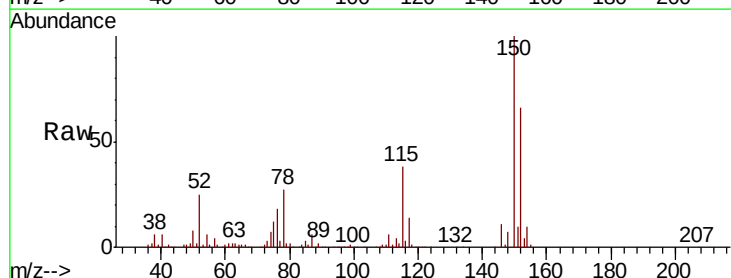
Tgt Ion:152 Resp: 135260

Ion Ratio Lower Upper

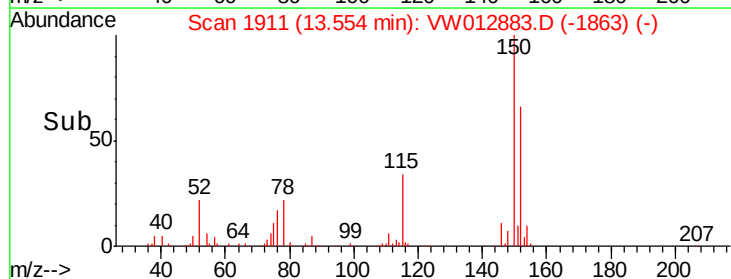
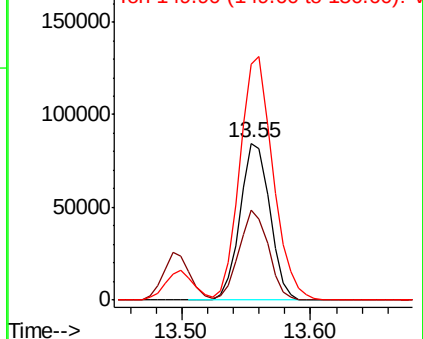
152 100

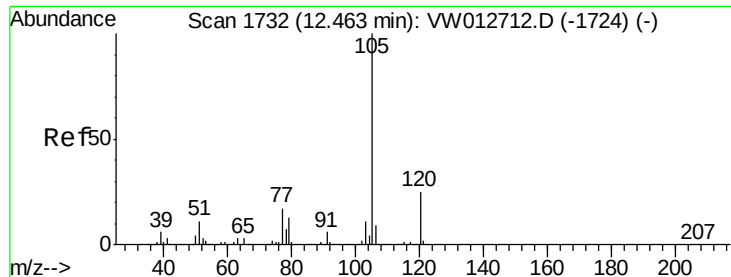
115 56.3 30.0 90.1

150 172.5 0.0 349.0



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

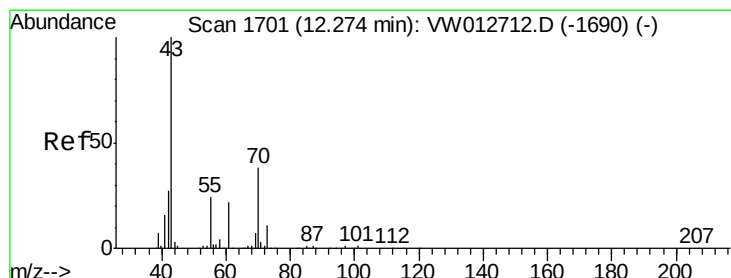
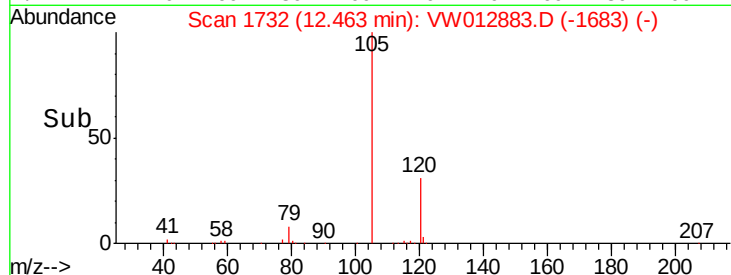
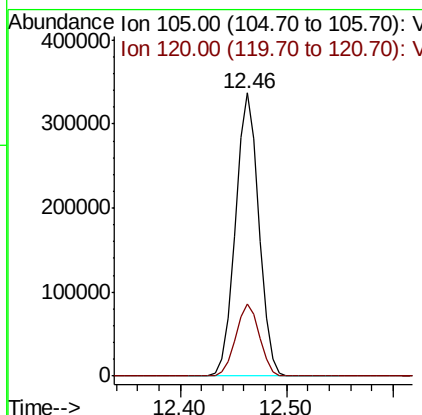
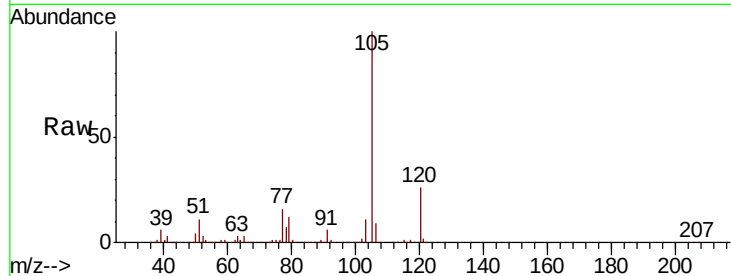




#73
Isopropylbenzene
Concen: 53.566 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW012883.D
Acq: 10 Sep 2019 22:00

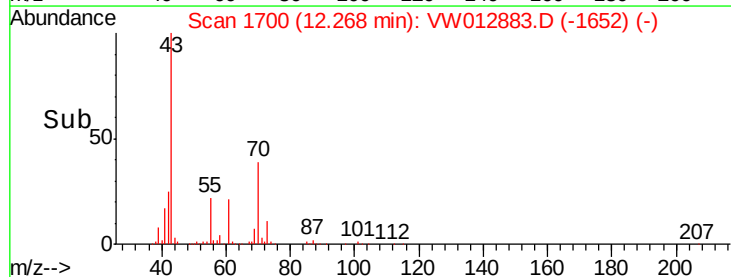
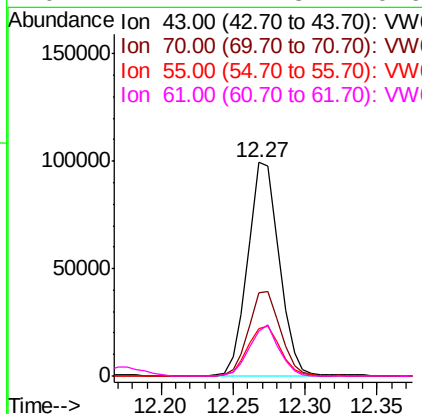
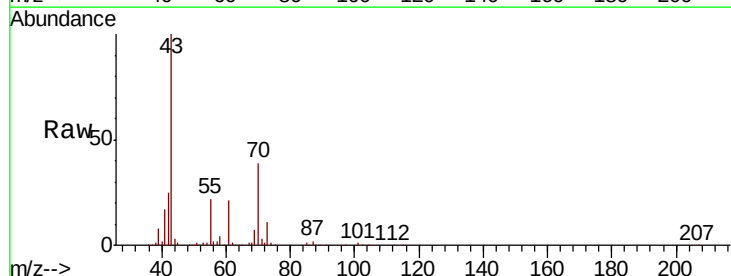
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

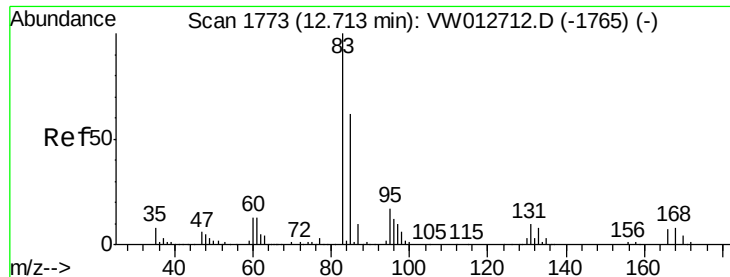
Tgt Ion: 105 Resp: 519653
Ion Ratio Lower Upper
105 100
120 25.9 13.0 38.9



#74
N-ethyl acetate
Concen: 48.770 ug/l
RT: 12.27 min Scan# 1700
Delta R.T. -0.01 min
Lab File: VW012883.D
Acq: 10 Sep 2019 22:00

Tgt Ion: 43 Resp: 150177
Ion Ratio Lower Upper
43 100
70 39.9 29.4 44.0
55 24.0 18.6 27.8
61 22.7 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 50.435 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

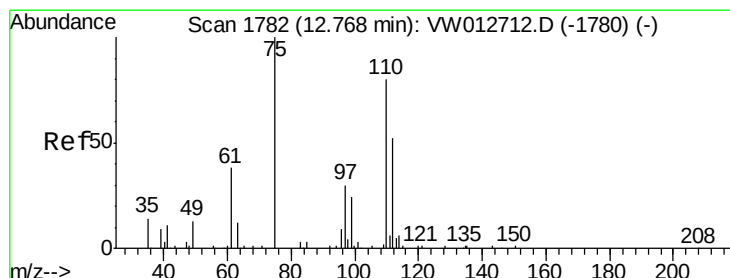
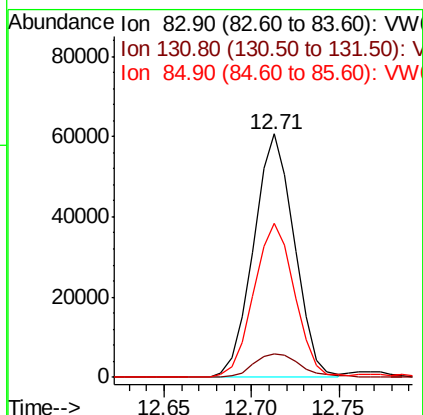
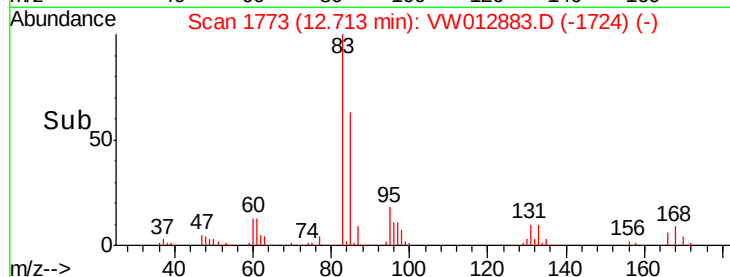
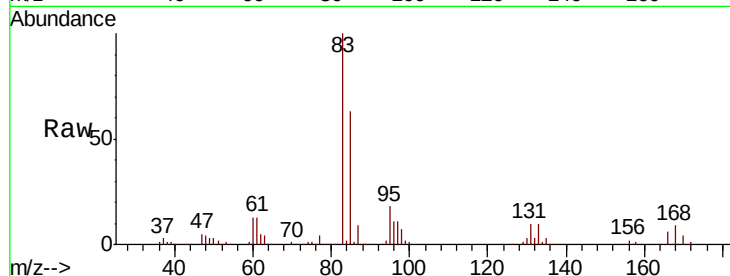
Tgt Ion: 83 Resp: 98261

Ion Ratio Lower Upper

83 100

131 11.2 5.1 15.4

85 63.5 31.4 94.2



#76

1,2,3-Trichloropropane

Concen: 95.408 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW012883.D

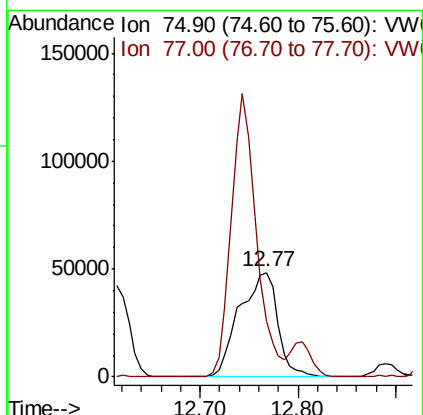
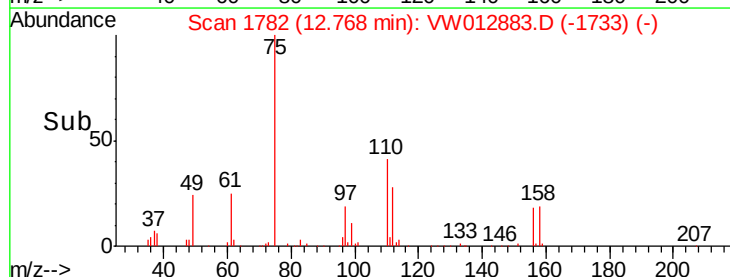
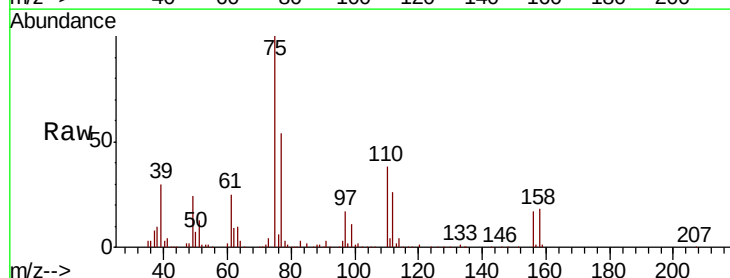
Acq: 10 Sep 2019 22:00

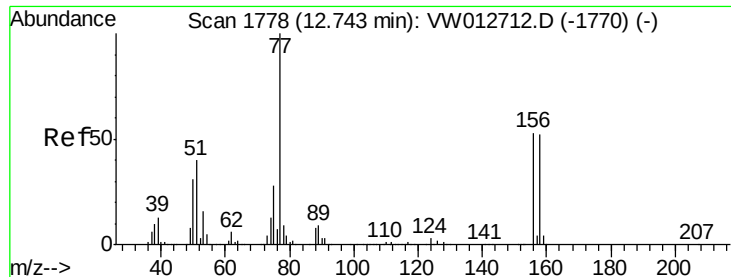
Tgt Ion: 75 Resp: 131958

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 56.017 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

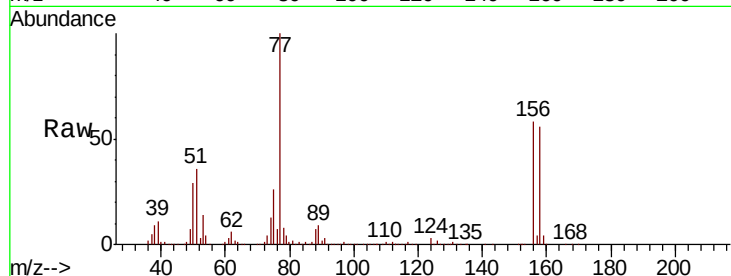
Tgt Ion:156 Resp: 123119

Ion Ratio Lower Upper

156 100

77 191.3 102.3 306.9

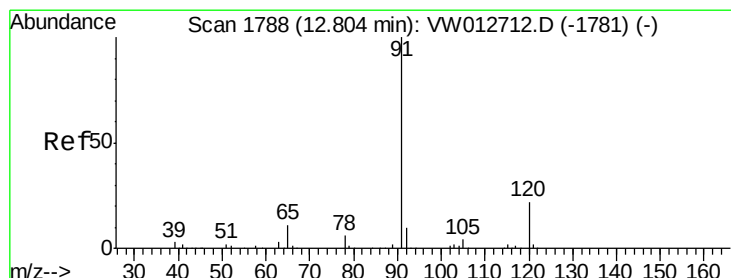
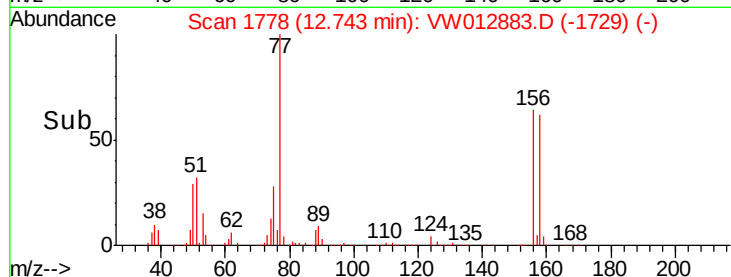
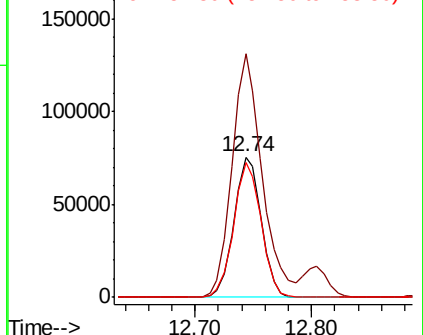
158 97.0 48.9 146.8



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: 52.583 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW012883.D

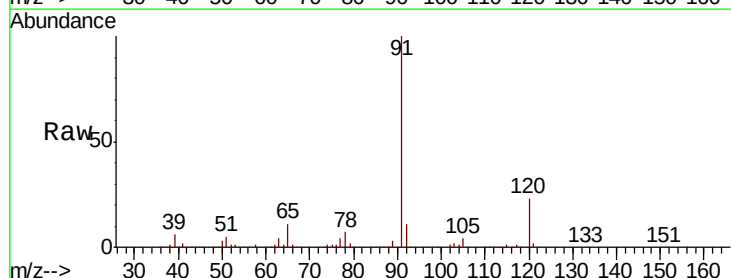
Acq: 10 Sep 2019 22:00

Tgt Ion: 91 Resp: 610098

Ion Ratio Lower Upper

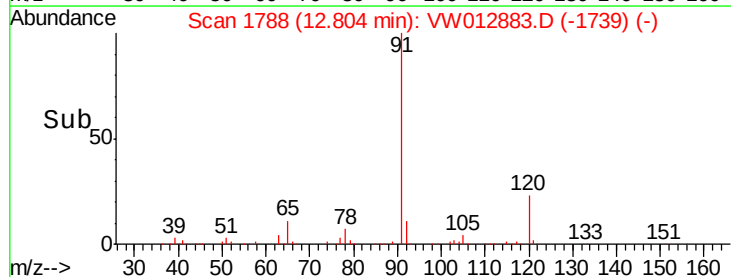
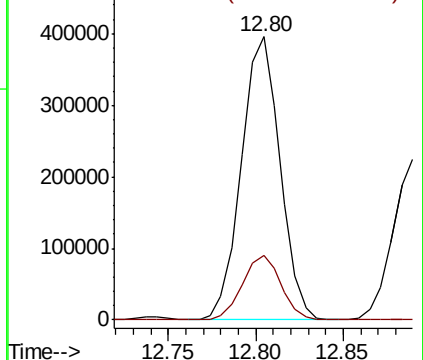
91 100

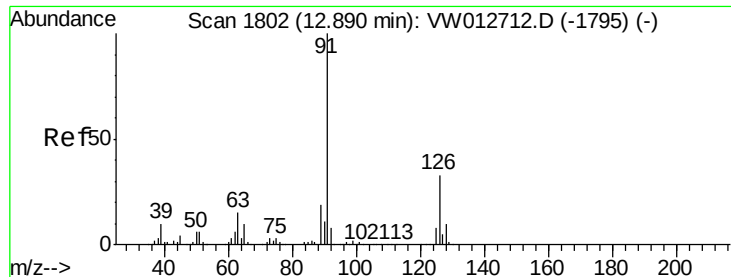
120 22.7 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.429 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

Instrument :

MSVOA_W

ClientSampleId :

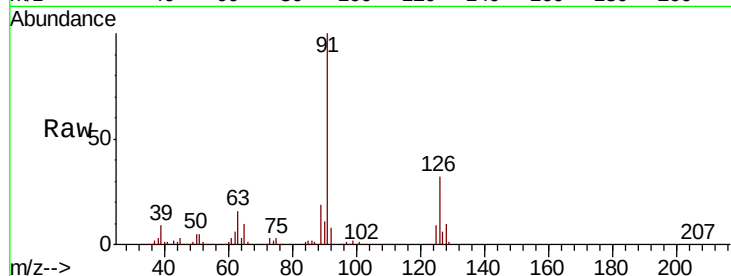
VSTDCCC050

Tgt Ion: 91 Resp: 355876

Ion Ratio Lower Upper

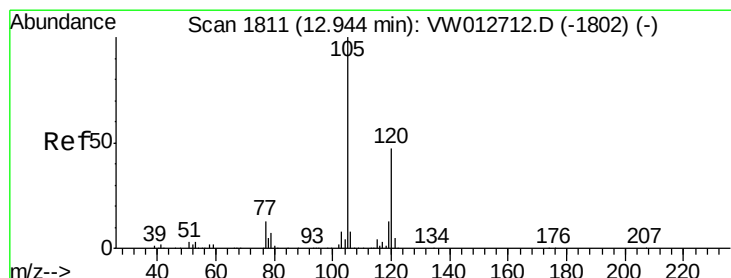
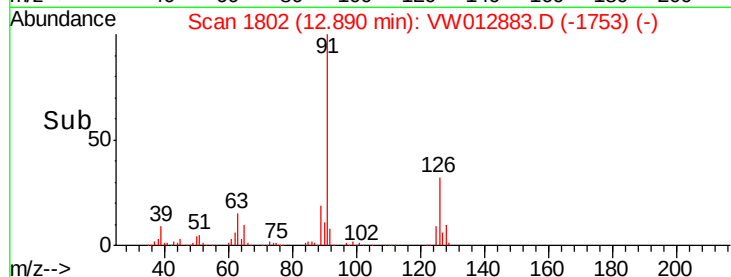
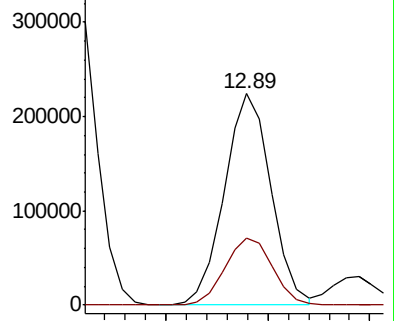
91 100

126 32.5 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 54.799 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW012883.D

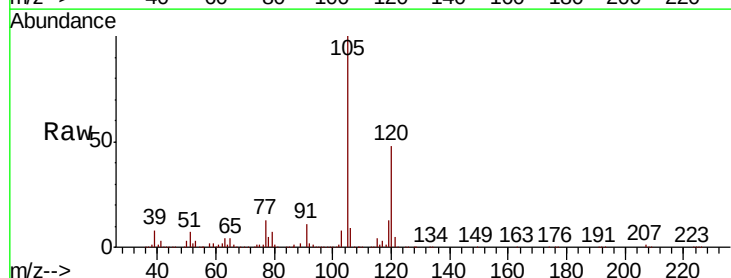
Acq: 10 Sep 2019 22:00

Tgt Ion: 105 Resp: 447964

Ion Ratio Lower Upper

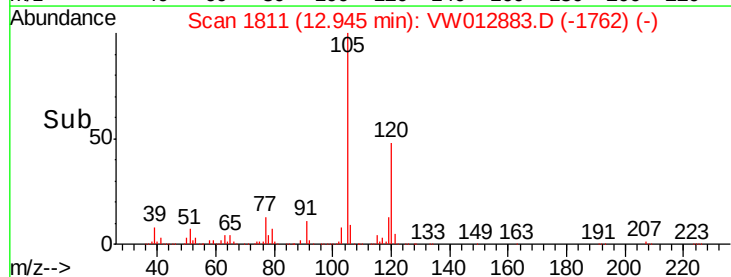
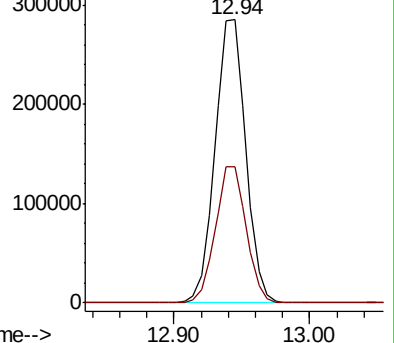
105 100

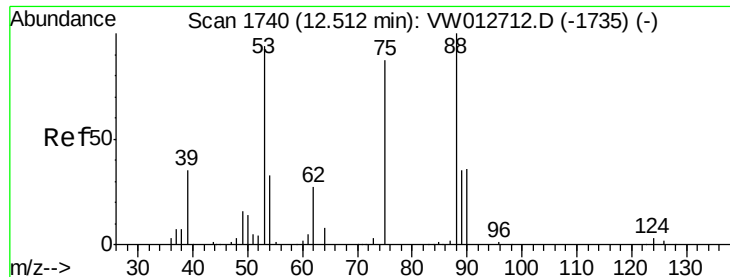
120 48.6 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

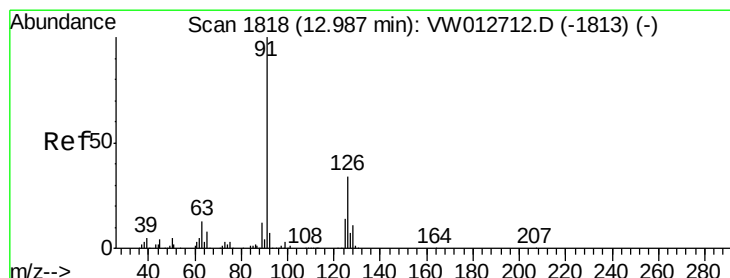
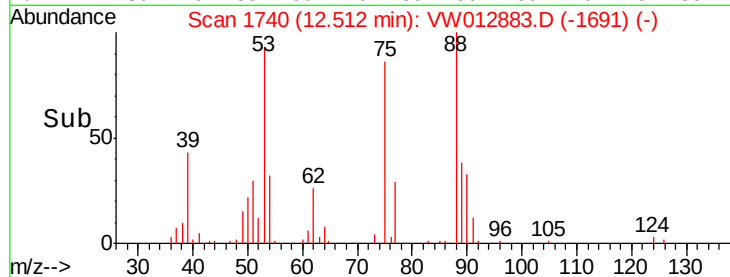
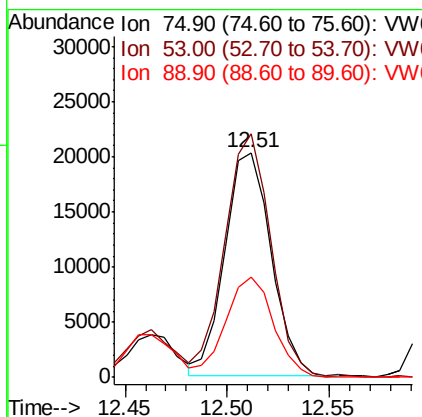
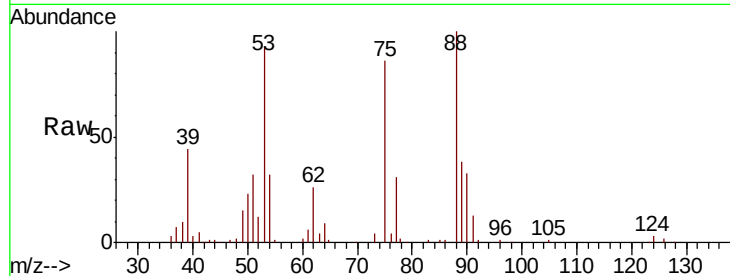




#81
trans-1,4-Dichloro-2-butene
Concen: 48.951 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW012883.D
Acq: 10 Sep 2019 22:00

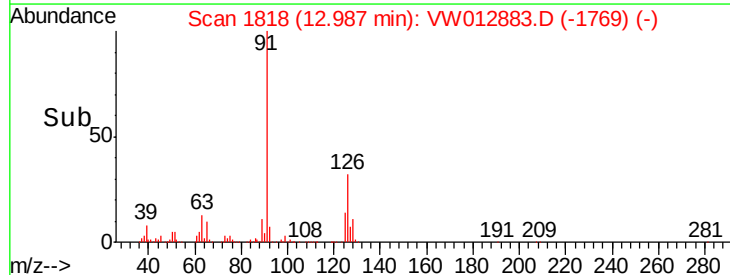
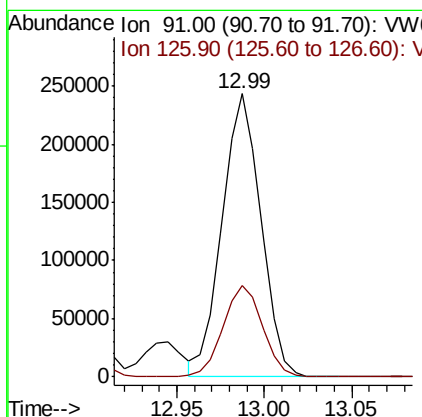
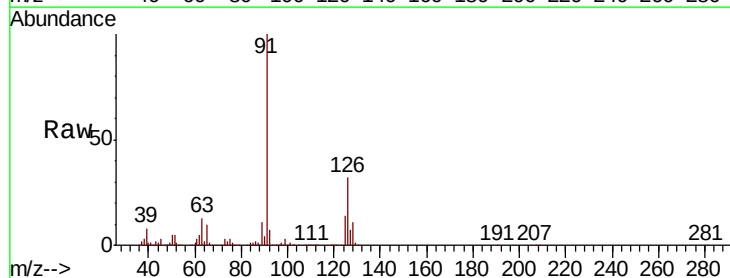
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

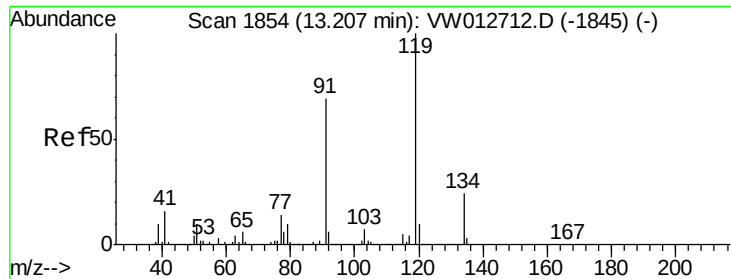
Tgt Ion: 75 Resp: 32010
Ion Ratio Lower Upper
75 100
53 108.3 87.6 131.4
89 46.2 35.5 53.3



#82
4-Chlorotoluene
Concen: 53.126 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW012883.D
Acq: 10 Sep 2019 22:00

Tgt Ion: 91 Resp: 374300
Ion Ratio Lower Upper
91 100
126 32.9 15.9 47.6

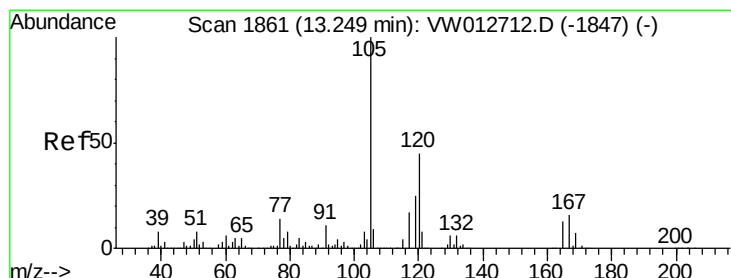
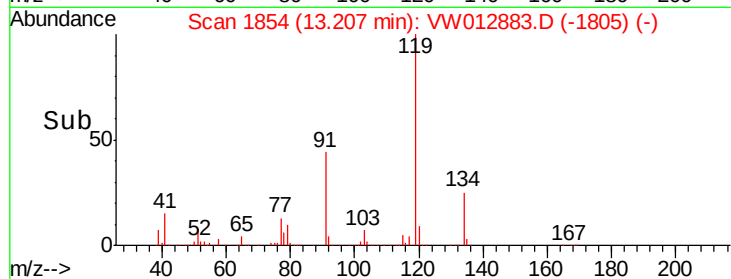
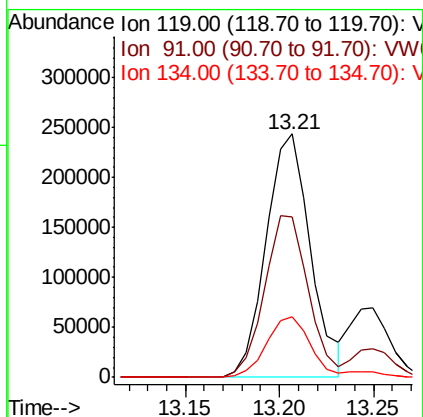
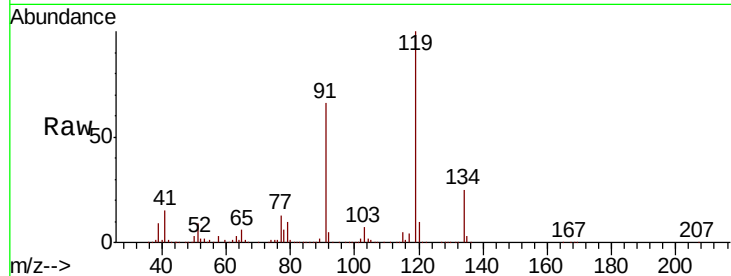




#83
 tert-Butylbenzene
 Concen: 55.159 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW012883.D
 Acq: 10 Sep 2019 22:00

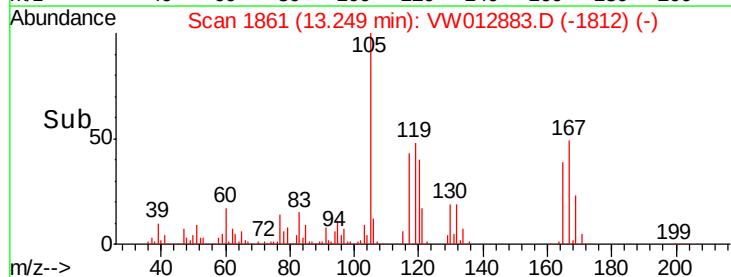
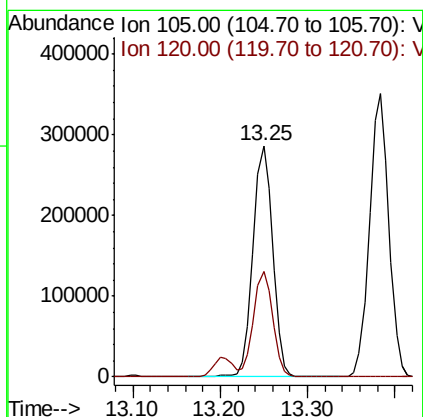
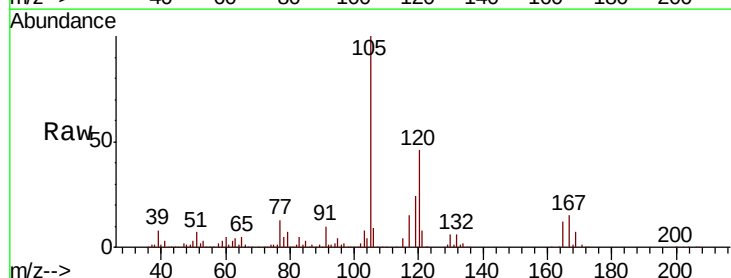
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

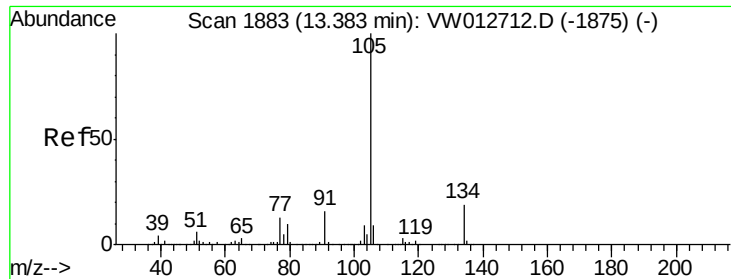
Tgt Ion:119 Resp: 398690
 Ion Ratio Lower Upper
 119 100
 91 65.3 34.2 102.5
 134 26.3 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 54.260 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW012883.D
 Acq: 10 Sep 2019 22:00

Tgt Ion:105 Resp: 446942
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.1 66.3

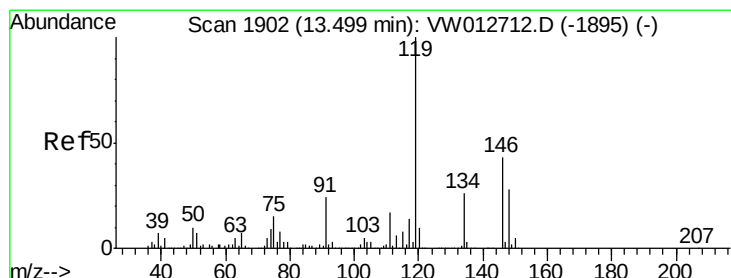
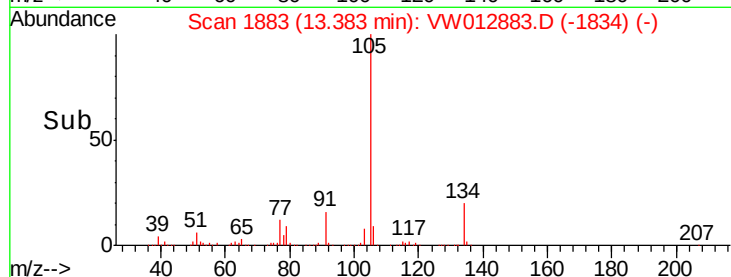
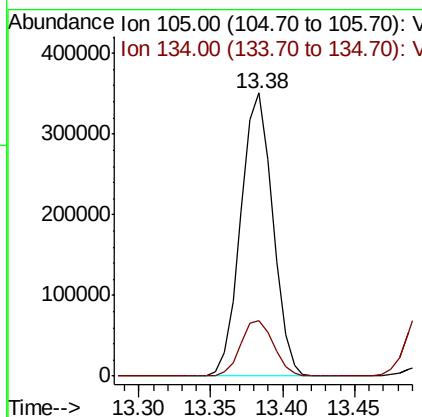
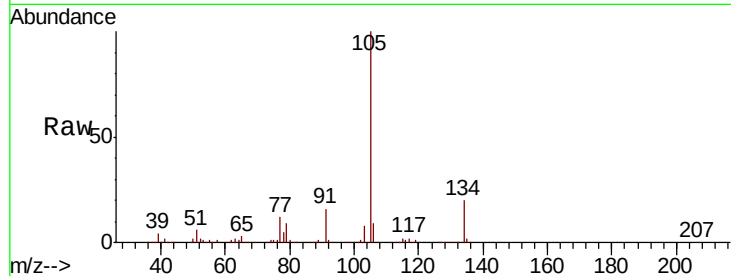




#85
 sec-Butylbenzene
 Concen: 53.939 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW012883.D
 Acq: 10 Sep 2019 22:00

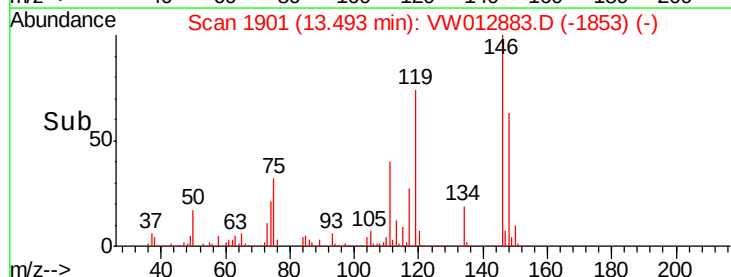
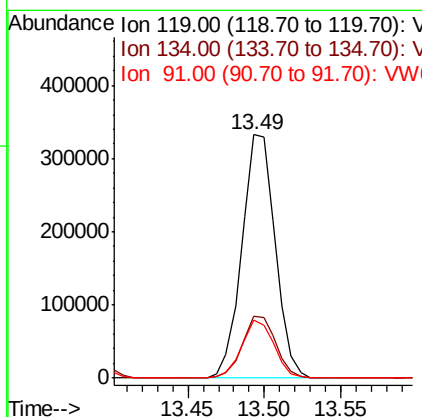
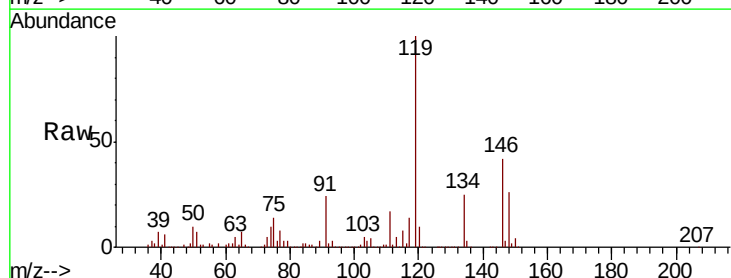
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

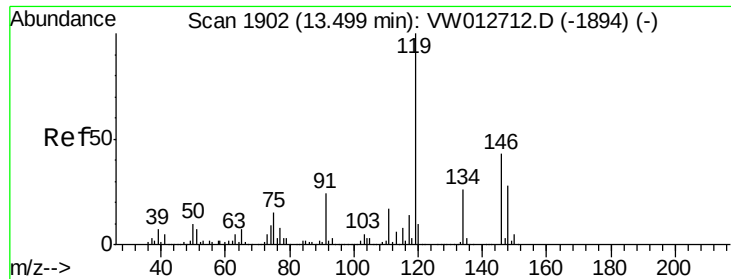
Tgt Ion:105 Resp: 541005
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 54.967 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: VW012883.D
 Acq: 10 Sep 2019 22:00

Tgt Ion:119 Resp: 503582
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.7 38.1
 91 23.1 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 55.699 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

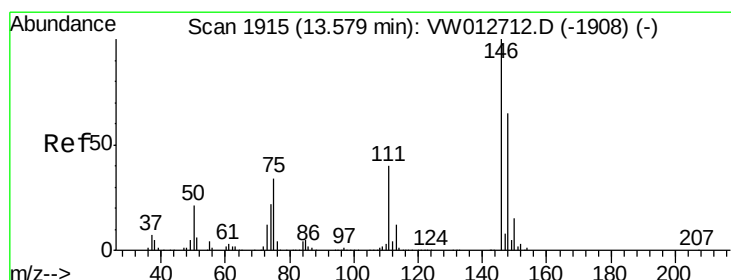
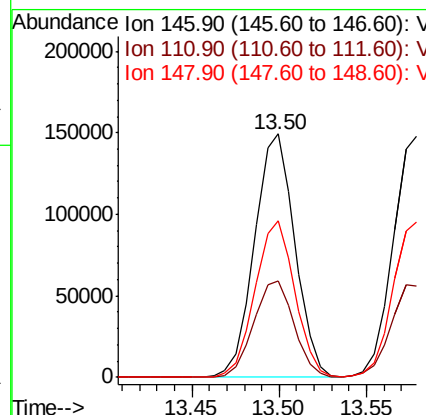
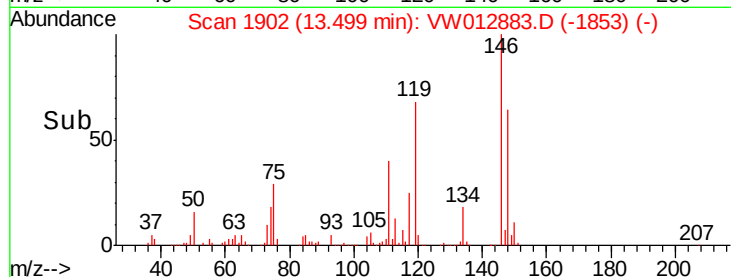
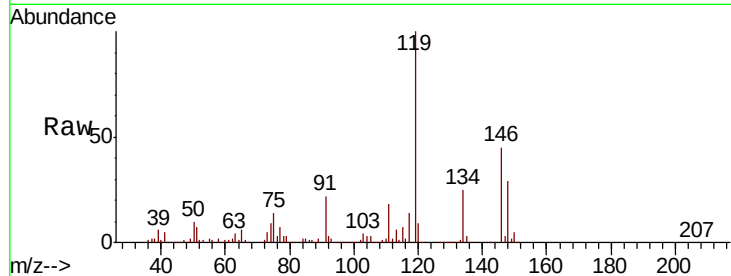
Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 240625

Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.4	61.2
148	63.6	31.8	95.4



#88

1,4-Dichlorobenzene

Concen: 55.221 ug/l

RT: 13.58 min Scan# 1915

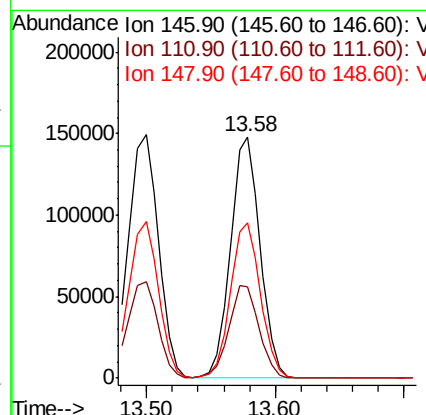
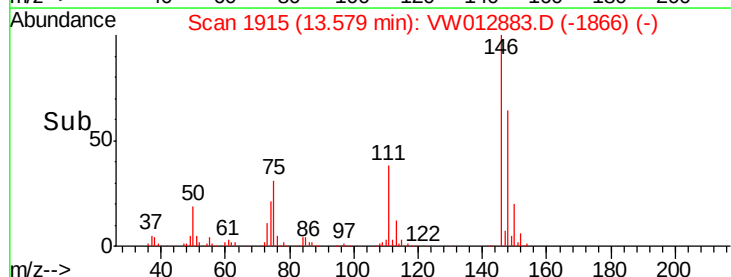
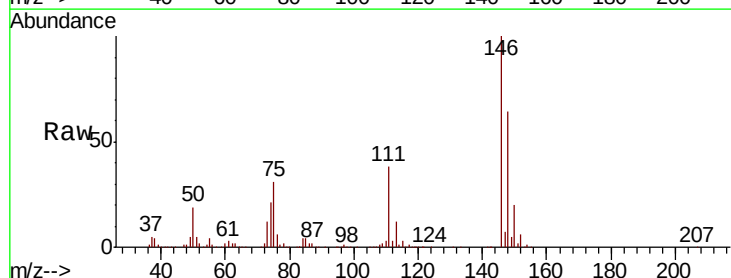
Delta R.T. 0.00 min

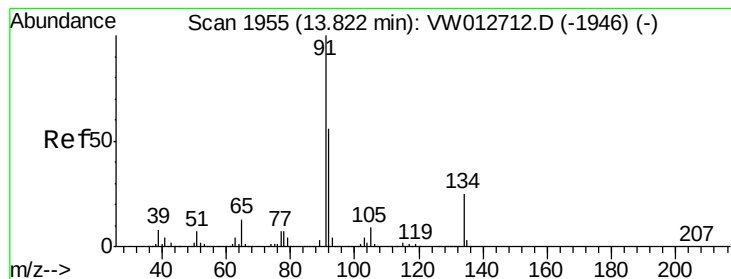
Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

Tgt Ion:146 Resp: 237382

Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.0	60.0
148	65.1	32.2	96.6





#89

n-Butylbenzene

Concen: 53.103 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW012883.D

Acq: 10 Sep 2019 22:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

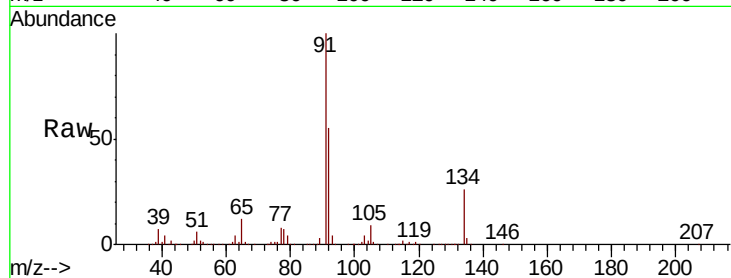
Tgt Ion: 91 Resp: 472315

Ion Ratio Lower Upper

91 100

92 54.5 27.2 81.5

134 25.8 12.7 38.1

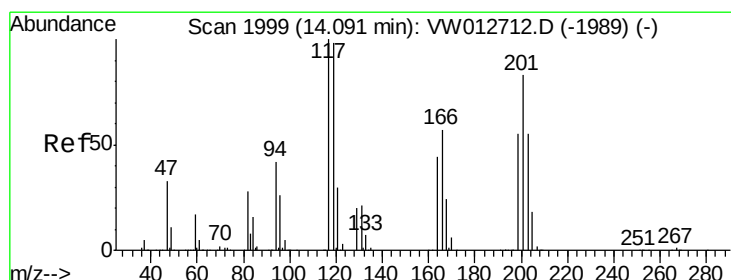
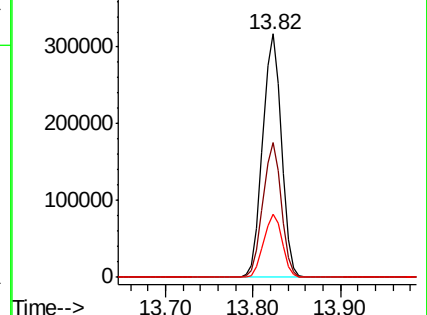
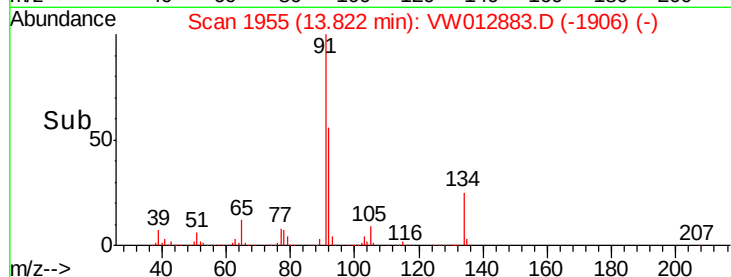


Abundance

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: 55.670 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW012883.D

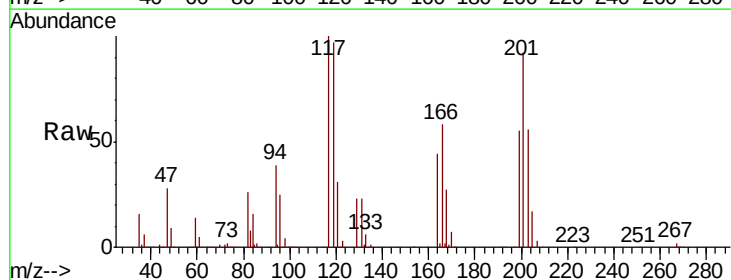
Acq: 10 Sep 2019 22:00

Tgt Ion: 117 Resp: 89036

Ion Ratio Lower Upper

117 100

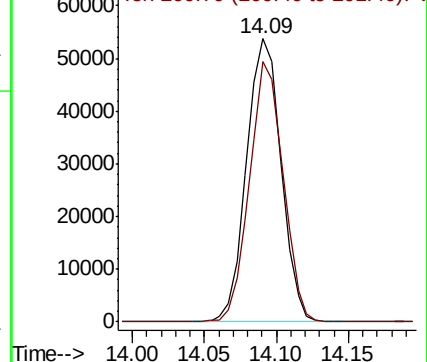
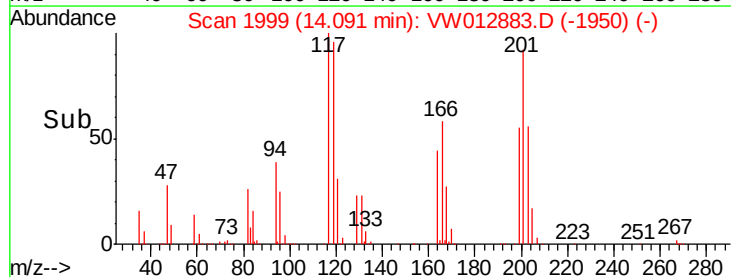
201 89.3 42.8 128.4

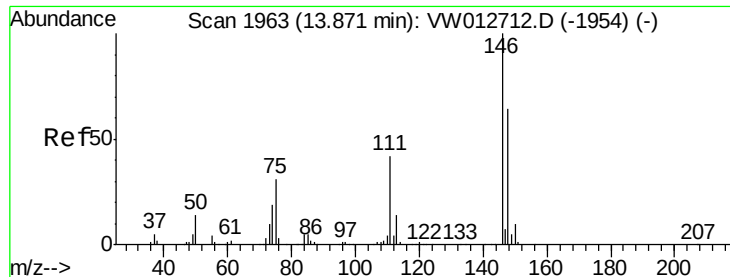


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

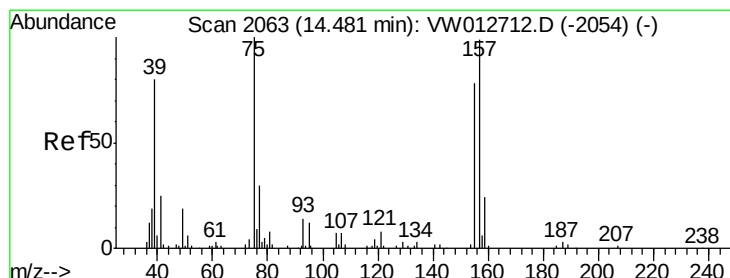
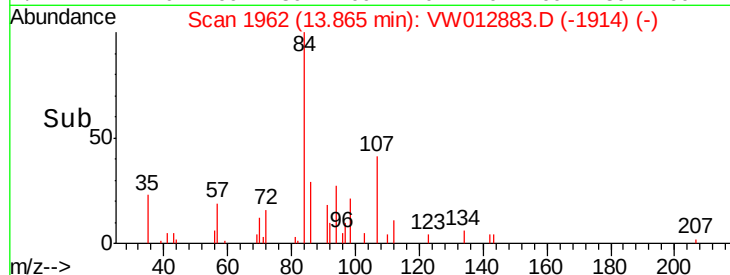
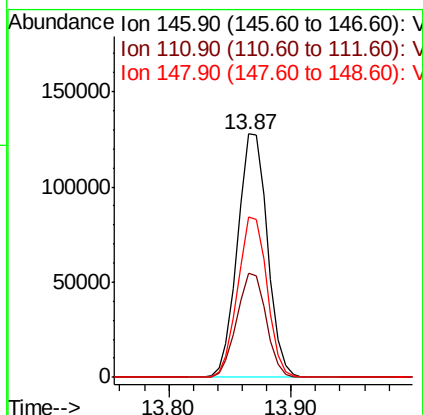
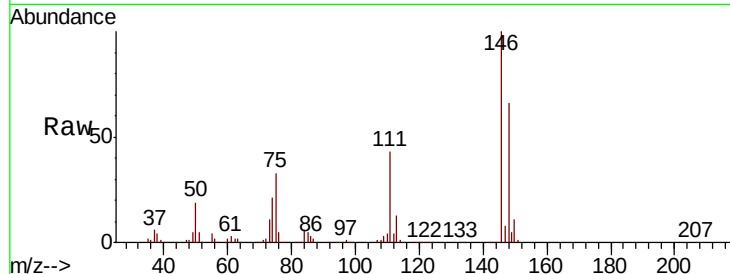




#91
 1,2-Dichlorobenzene
 Concen: 55.688 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW012883.D
 Acq: 10 Sep 2019 22:00

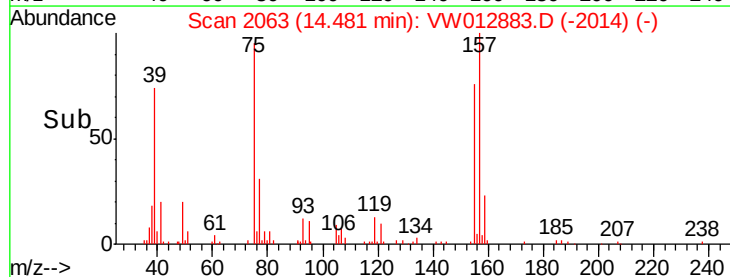
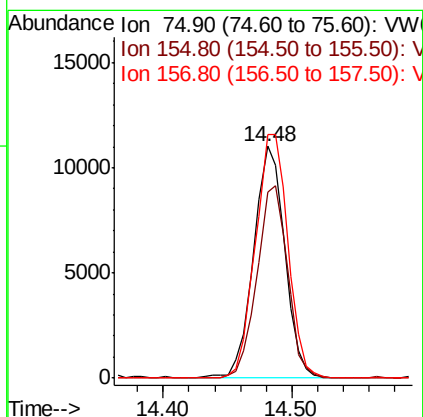
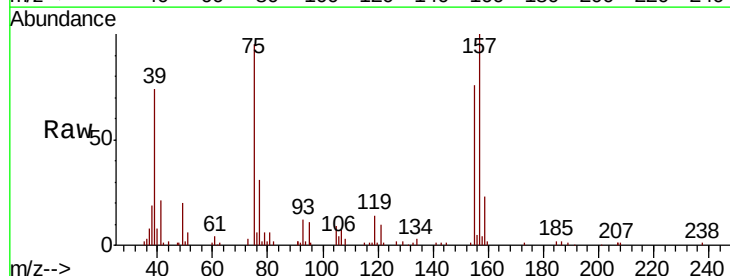
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

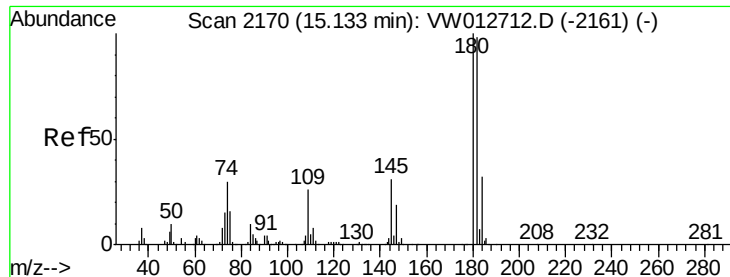
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.3	63.9
148	64.6	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.477 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW012883.D
 Acq: 10 Sep 2019 22:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.7	40.6	122.0
157	109.7	52.5	157.5

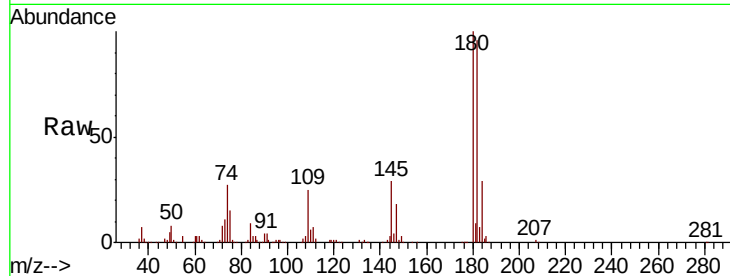




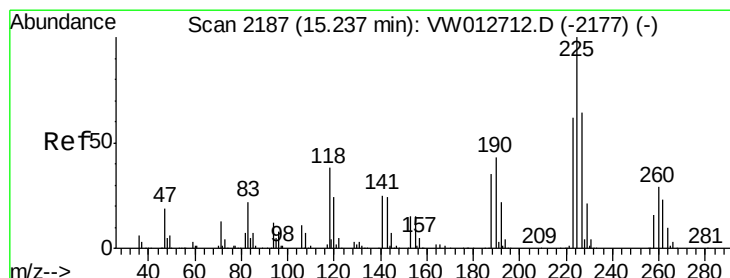
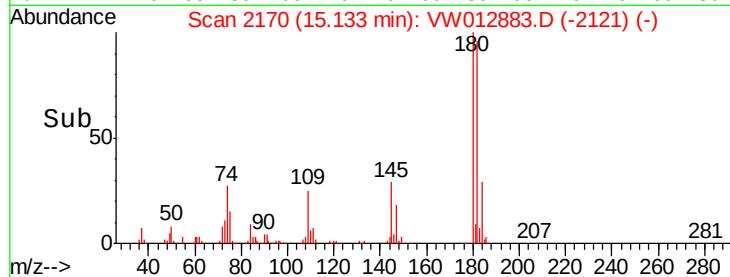
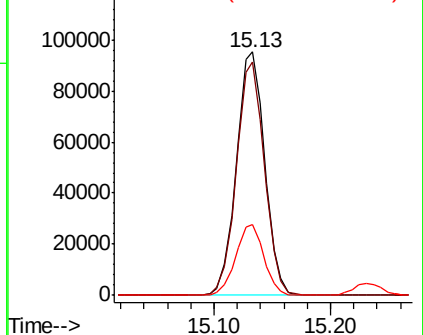
#93
 1,2,4-Trichlorobenzene
 Concen: 59.601 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW012883.D
 Acq: 10 Sep 2019 22:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 161351
 Ion Ratio Lower Upper
 180 100
 182 94.9 48.7 146.1
 145 29.0 15.0 45.1

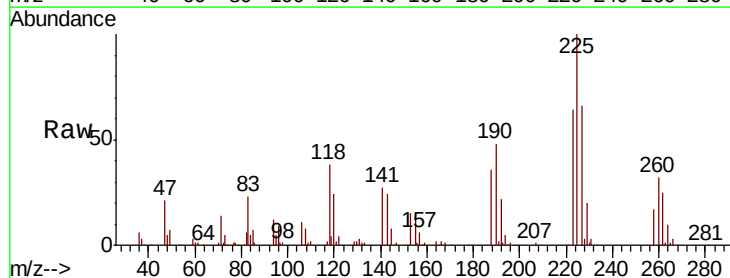


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

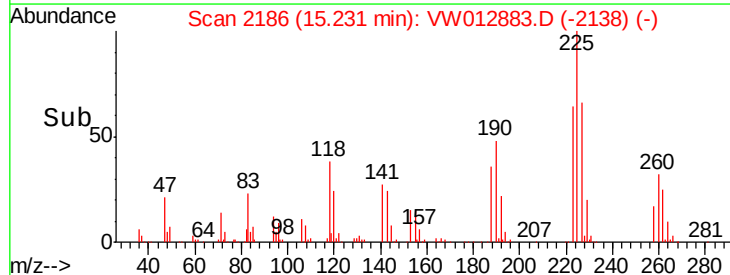
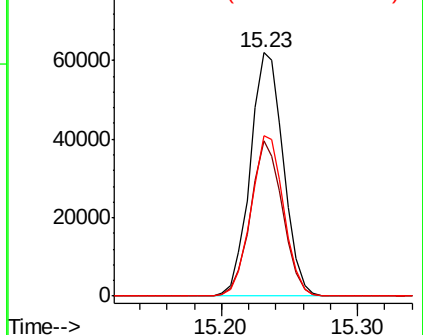


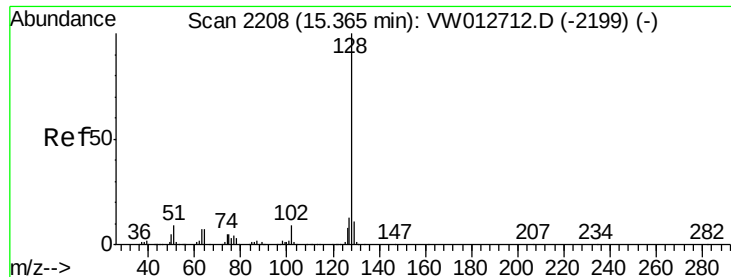
#94
 Hexachlorobutadiene
 Concen: 56.425 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW012883.D
 Acq: 10 Sep 2019 22:00

Tgt Ion:225 Resp: 105730
 Ion Ratio Lower Upper
 225 100
 223 61.6 31.1 93.3
 227 64.9 31.4 94.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

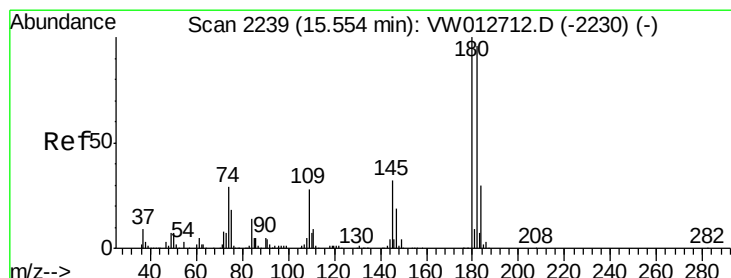
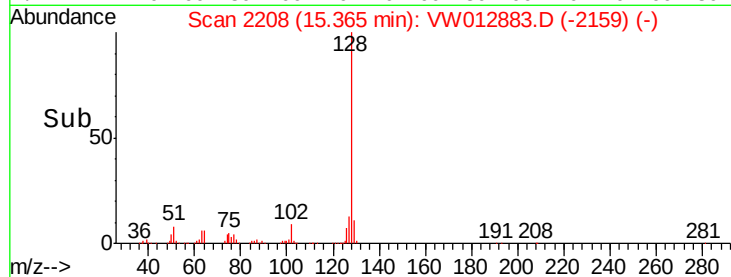
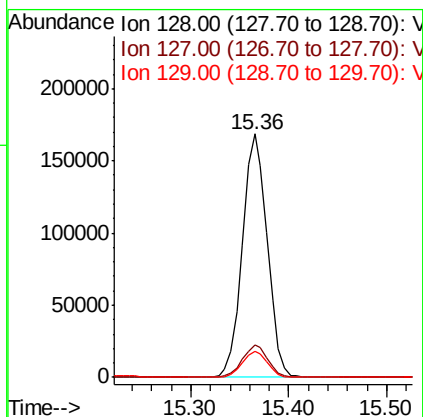
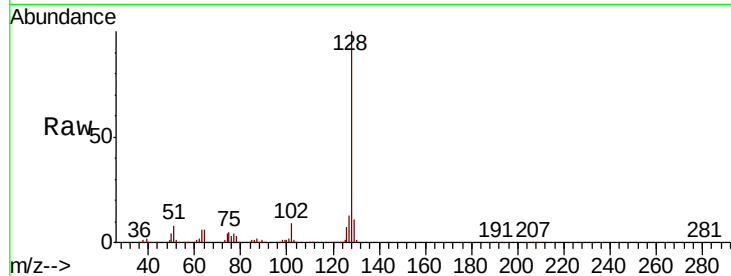




#95
Naphthalene
Concen: 51.914 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012883.D
Acq: 10 Sep 2019 22:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 295657
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 59.852 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW012883.D
Acq: 10 Sep 2019 22:00

Tgt Ion:180 Resp: 143023
Ion Ratio Lower Upper
180 100
182 95.9 47.8 143.3
145 31.0 15.4 46.2

