

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082119\
 Data File : VW012074.D
 Acq On : 21 Aug 2019 16:16
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 22 06:34:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	246862	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	387422	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	334543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	159565	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	146687	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
35) Dibromofluoromethane	7.88	113	122297	56.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.54%	
50) Toluene-d8	10.32	98	495299	55.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.32%	
62) 4-Bromofluorobenzene	12.62	95	175438	55.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	72554	52.736	ug/l	96
3) Chloromethane	2.21	50	114209	47.873	ug/l	97
4) Vinyl Chloride	2.36	62	147063	51.203	ug/l	99
5) Bromomethane	2.77	94	78156	49.161	ug/l	95
6) Chloroethane	2.92	64	87144	53.116	ug/l	96
7) Trichlorofluoromethane	3.25	101	78680	61.296	ug/l	100
8) Diethyl Ether	3.68	74	74808	51.401	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	137022	56.272	ug/l	99
10) Methyl Iodide	4.27	142	182593	53.063	ug/l	100
11) Tert butyl alcohol	5.17	59	48121	228.492	ug/l	99
12) 1,1-Dichloroethene	4.04	96	138128	53.726	ug/l	99
13) Acrolein	3.89	56	40249	197.885	ug/l	99
14) Allyl chloride	4.67	41	293879	53.743	ug/l	100
15) Acrylonitrile	5.36	53	188694	259.728	ug/l	99
16) Acetone	4.12	43	197397	218.917	ug/l	100
17) Carbon Disulfide	4.39	76	388985	48.341	ug/l	99
18) Methyl Acetate	4.67	43	100712	49.718	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	221406	54.269	ug/l	96
20) Methylene Chloride	4.92	84	147681	47.489	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	146394	52.816	ug/l	99
22) Diisopropyl ether	6.31	45	546422	53.002	ug/l	98
23) Vinyl Acetate	6.25	43	1717728	265.161	ug/l	100
24) 1,1-Dichloroethane	6.21	63	294116	53.268	ug/l	98
25) 2-Butanone	7.17	43	277346	235.059	ug/l	99
26) 2,2-Dichloropropane	7.17	77	166457	49.021	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	158308	51.894	ug/l	99
28) Bromochloromethane	7.51	49	125933	51.385	ug/l	100
29) Tetrahydrofuran	7.53	42	172542	255.830	ug/l	99
30) Chloroform	7.67	83	267285	52.471	ug/l	97
31) Cyclohexane	7.95	56	271893	51.299	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	213520	55.040	ug/l	99
36) 1,1-Dichloropropene	8.08	75	225978	56.095	ug/l	99
37) Ethyl Acetate	7.25	43	119725	51.657	ug/l	98
38) Carbon Tetrachloride	8.07	117	195965	56.824	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	255949	57.700	ug/l	98
40) Benzene	8.32	78	610848	54.134	ug/l	99
41) Methacrylonitrile	7.48	41	75521	54.510	ug/l	98
42) 1,2-Dichloroethane	8.40	62	187712	53.133	ug/l	99
43) Isopropyl Acetate	8.42	43	229674	53.883	ug/l	99
44) Trichloroethene	9.09	130	149876	55.262	ug/l	99
45) 1,2-Dichloropropane	9.37	63	164315	54.423	ug/l	99
46) Dibromomethane	9.46	93	73783	53.542	ug/l	99
47) Bromodichloromethane	9.64	83	196878	54.465	ug/l	99
48) Methyl methacrylate	9.43	41	110690	54.061	ug/l	97
49) 1,4-Dioxane	9.45	88	21217	1063.349	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	591070	266.597	ug/l	100
52) Toluene	10.38	92	375843	55.154	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	204714	54.214	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	246364	54.874	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	103090	52.725	ug/l	99
56) Ethyl methacrylate	10.65	69	159518	55.754	ug/l	98
57) 1,3-Dichloropropane	10.93	76	197807	53.475	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	397789	306.213	ug/l	100
59) 2-Hexanone	10.97	43	414589	264.844	ug/l	99
60) Dibromochloromethane	11.13	129	119750	55.176	ug/l	100
61) 1,2-Dibromoethane	11.23	107	98899	53.450	ug/l	99
64) Tetrachloroethene	10.86	164	121522	55.789	ug/l	98
65) Chlorobenzene	11.66	112	372592	55.397	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	130691	55.785	ug/l	99
67) Ethyl Benzene	11.73	91	730663	57.040	ug/l	100
68) m/p-Xylenes	11.84	106	531251	114.039	ug/l	98
69) o-Xylene	12.16	106	246621	56.970	ug/l	100
70) Styrene	12.18	104	427035	57.053	ug/l	100
71) Bromoform	12.35	173	66055	55.299	ug/l #	97
73) Isopropylbenzene	12.46	105	688418	57.831	ug/l	100
74) N-amyl acetate	12.27	43	213201	57.207	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	124565	55.631	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	85766m	50.798	ug/l	
77) Bromobenzene	12.74	156	146342	55.619	ug/l	99
78) n-propylbenzene	12.80	91	845021	58.329	ug/l	100
79) 2-Chlorotoluene	12.89	91	471798	56.529	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	577941	57.919	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	42205	57.610	ug/l	98
82) 4-Chlorotoluene	12.99	91	494479	56.468	ug/l	100
83) tert-Butylbenzene	13.21	119	496539	59.505	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	572571	56.962	ug/l	100
85) sec-Butylbenzene	13.38	105	706417	59.331	ug/l	100
86) p-Isopropyltoluene	13.50	119	630521	58.366	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	286684	55.569	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	286029	55.734	ug/l	100
89) n-Butylbenzene	13.82	91	637274	59.113	ug/l	100
90) Hexachloroethane	14.09	117	110485	57.838	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	253896	55.643	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	20324	53.228	ug/l	96

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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration

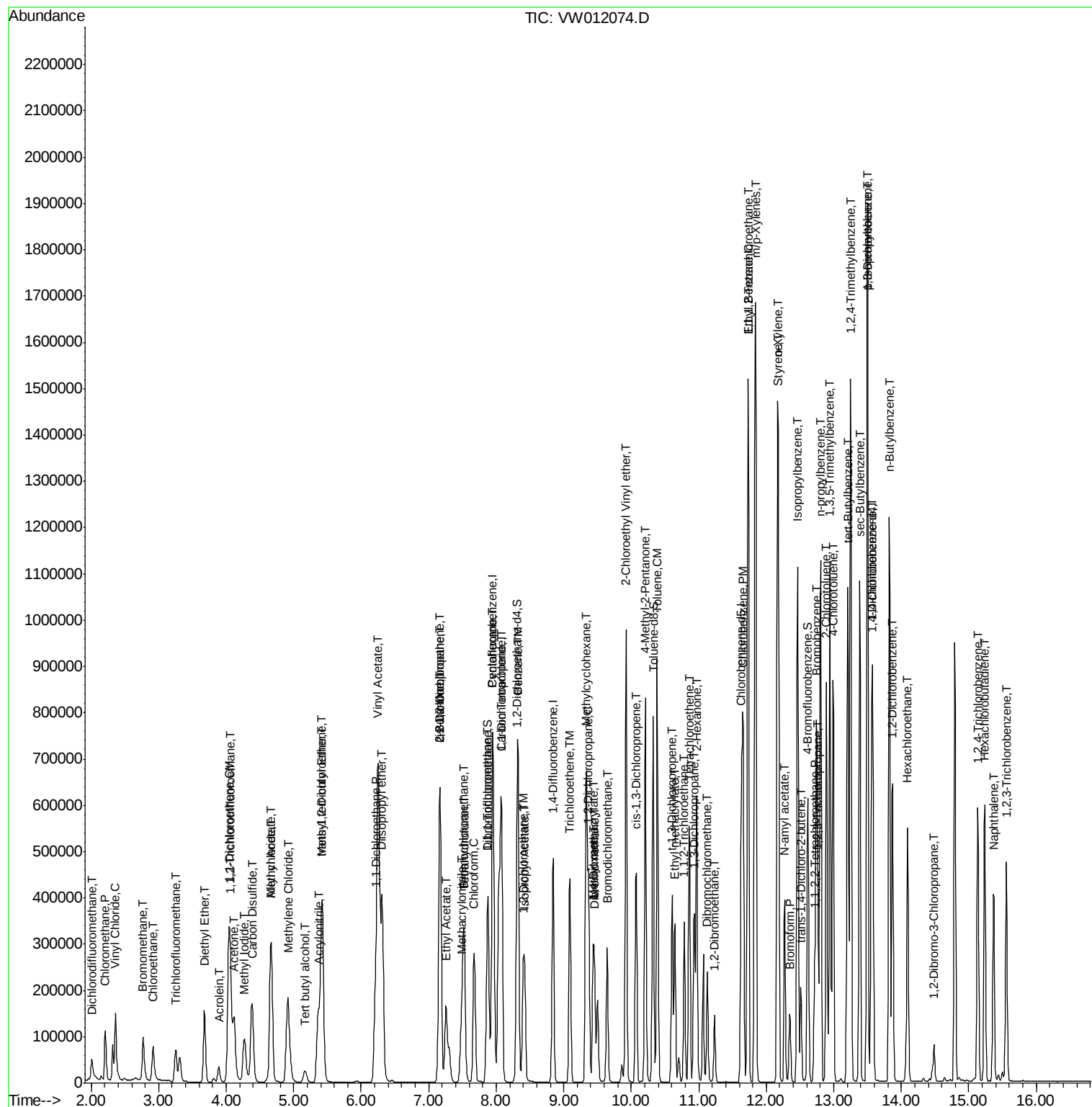
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	182644	56.795	ug/l	98
94) Hexachlorobutadiene	15.24	225	118830	59.253	ug/l	99
95) Naphthalene	15.37	128	336308	53.248	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	161098	57.150	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082119\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012074.D

Acq: 21 Aug 2019 16:16

Instrument :

MSVOA_W

ClientSampleId :

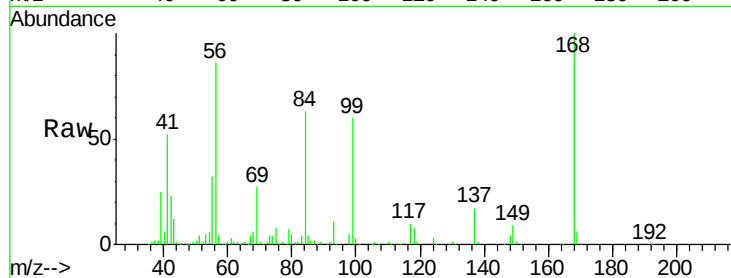
VSTDCCC050

Tot Ion:168 Resp: 246862

Ion Ratio Lower Upper

168 100

99 59.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

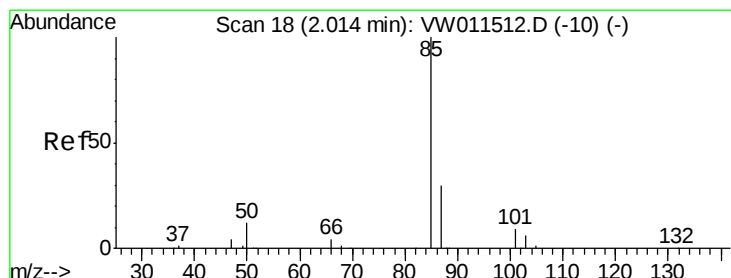
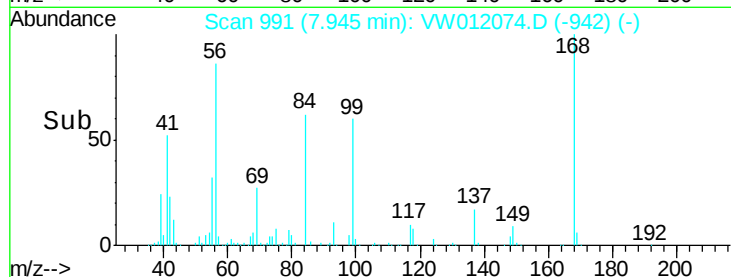
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 52.736 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW012074.D

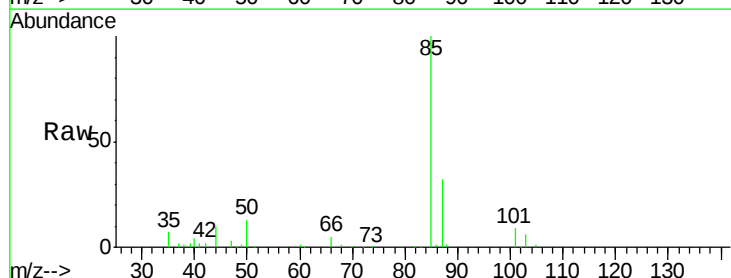
Acq: 21 Aug 2019 16:16

Tgt Ion: 85 Resp: 72554

Ion Ratio Lower Upper

85 100

87 32.3 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

30000

25000

20000

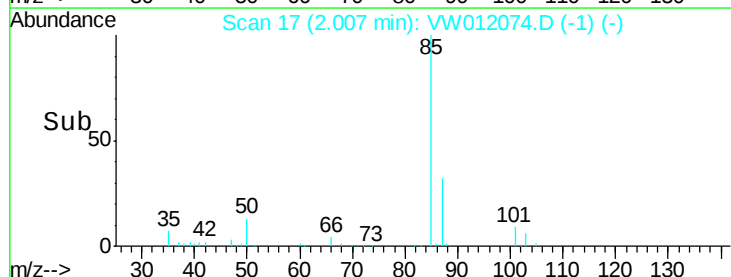
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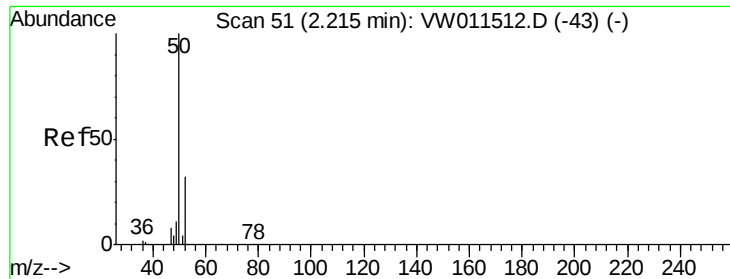
10000

5000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 47.873 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW012074.D

Acq: 21 Aug 2019 16:16

Instrument :

MSVOA_W

ClientSampleId :

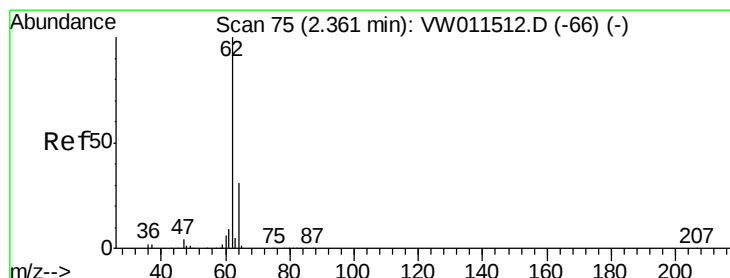
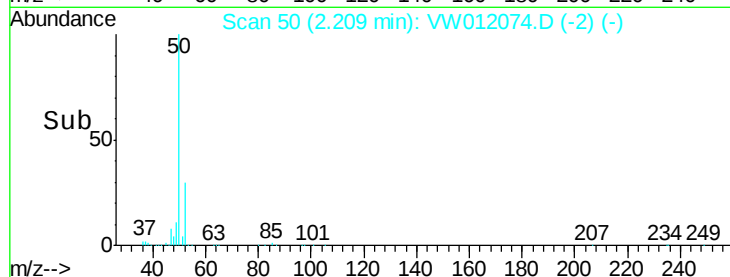
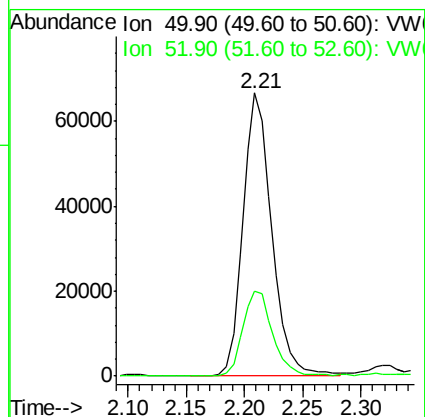
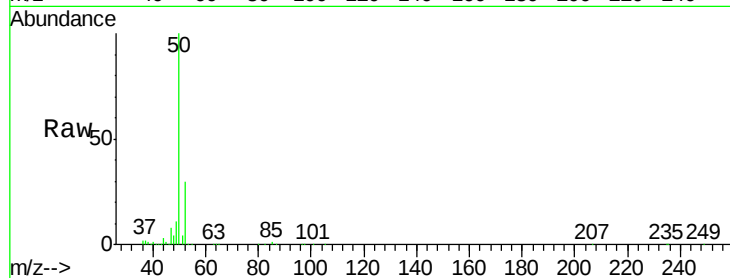
VSTDCCC050

Tot Ion: 50 Resp: 114209

Ion Ratio Lower Upper

50 100

52 30.0 25.4 38.2



#4

Vinyl Chloride

Concen: 51.203 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012074.D

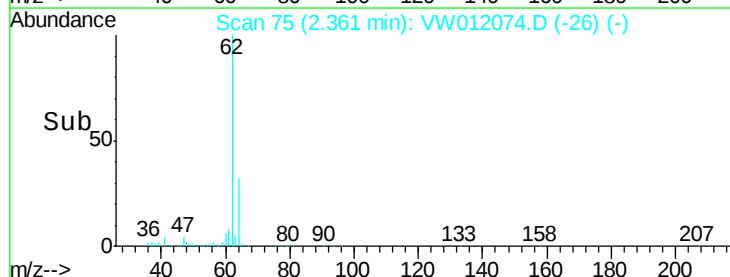
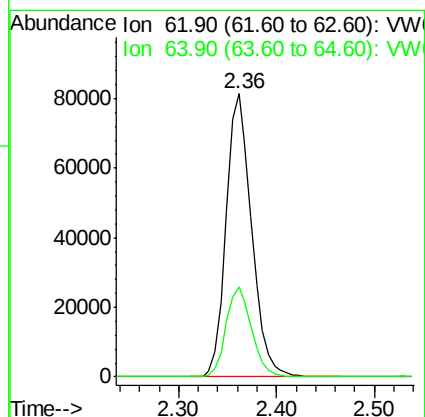
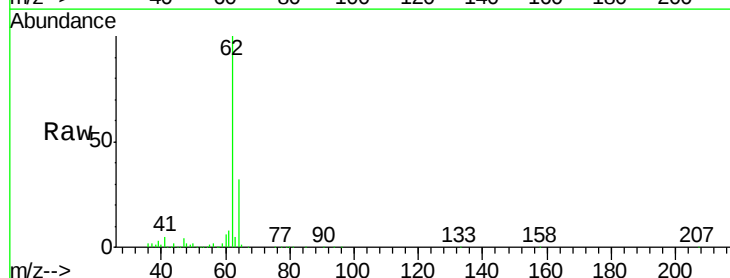
Acq: 21 Aug 2019 16:16

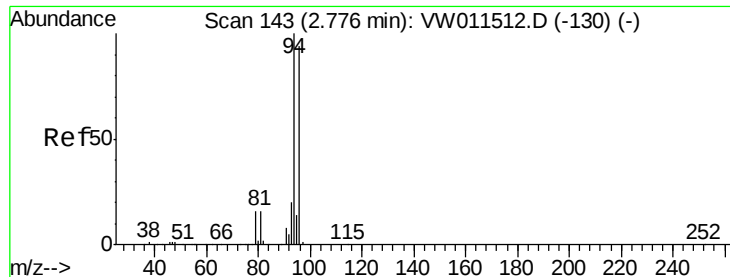
Tgt Ion: 62 Resp: 147063

Ion Ratio Lower Upper

62 100

64 31.8 25.0 37.4





#5

Bromomethane

Concen: 49.161 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW012074.D

Acq: 21 Aug 2019 16:16

Instrument :

MSVOA_W

ClientSampleId :

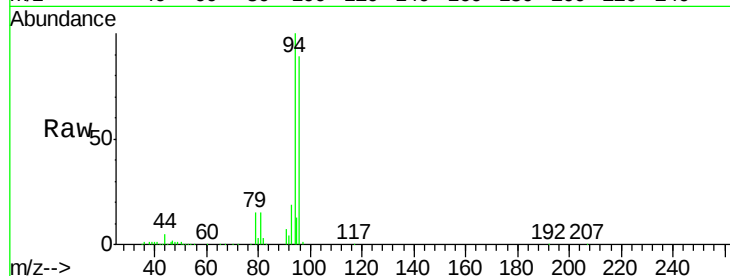
VSTDCCC050

Tot Ion: 94 Resp: 78156

Ion Ratio Lower Upper

94 100

96 89.3 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.77

40000

30000

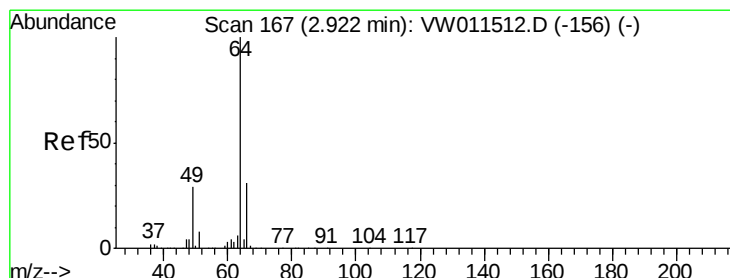
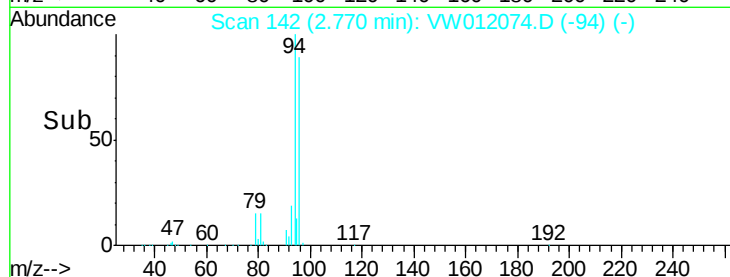
20000

10000

0

Time-->

2.70 2.80 2.90



#6

Chloroethane

Concen: 53.116 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW012074.D

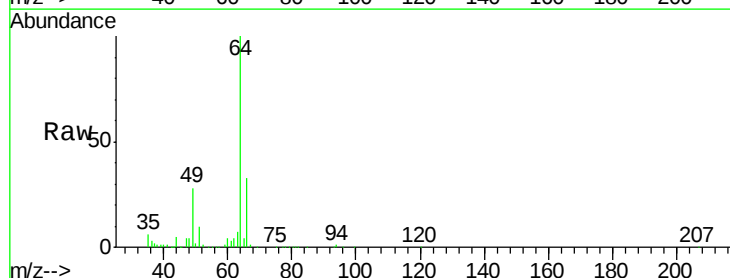
Acq: 21 Aug 2019 16:16

Tgt Ion: 64 Resp: 87144

Ion Ratio Lower Upper

64 100

66 32.8 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.92

40000

30000

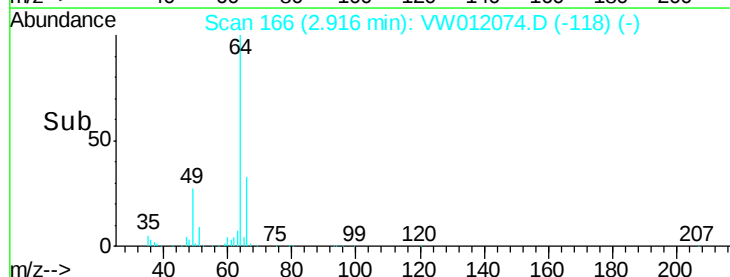
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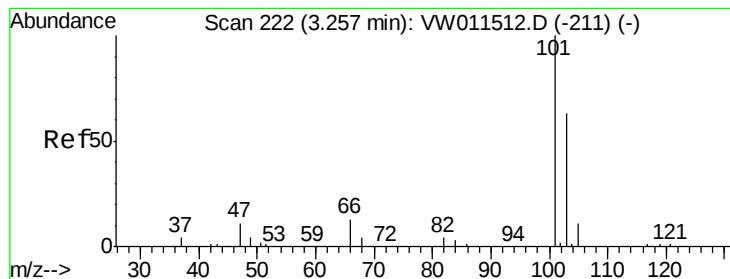
10000

0

Time-->

2.80 2.90 3.00



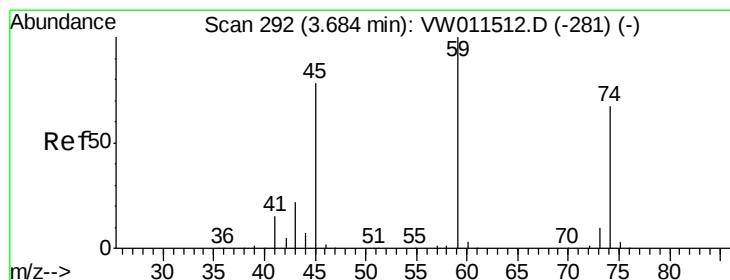
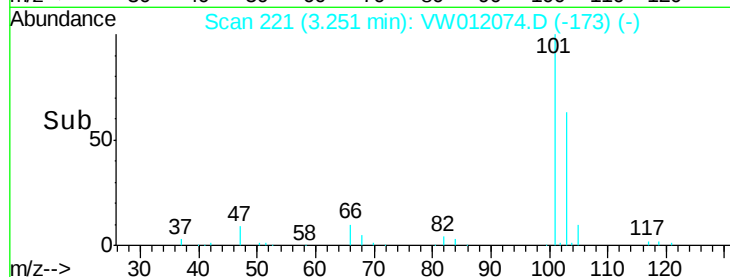
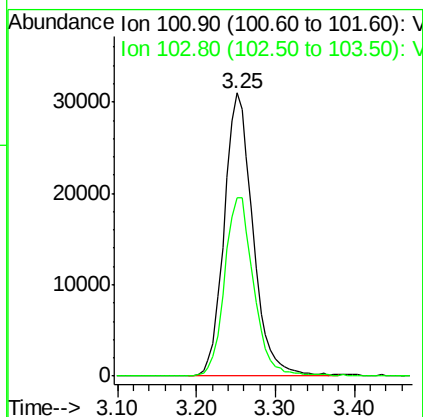
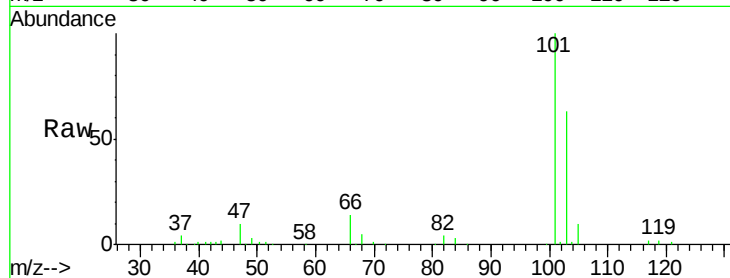


#7

Trichlorofluoromethane
 Concen: 61.296 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW012074.D
 Acq: 21 Aug 2019 16:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

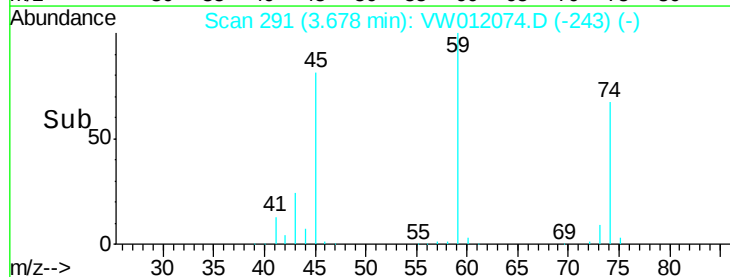
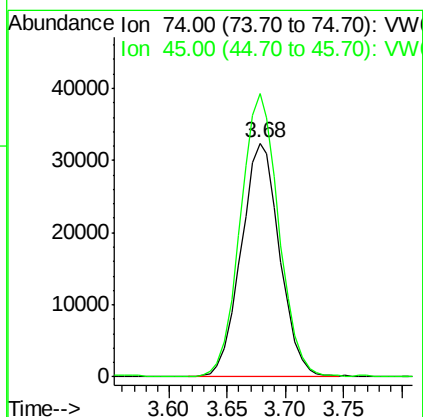
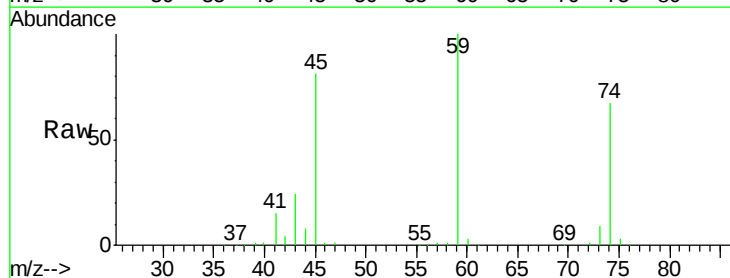
Tot Ion:101 Resp: 78680
 Ion Ratio Lower Upper
 101 100
 103 63.1 50.2 75.4

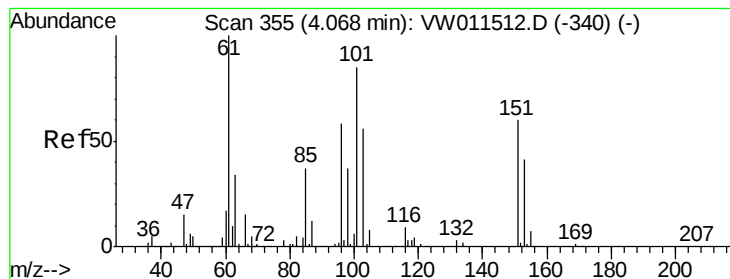


#8

Diethyl Ether
 Concen: 51.401 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW012074.D
 Acq: 21 Aug 2019 16:16

Tgt Ion: 74 Resp: 74808
 Ion Ratio Lower Upper
 74 100
 45 120.1 59.6 178.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.272 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW012074.D

Acq: 21 Aug 2019 16:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

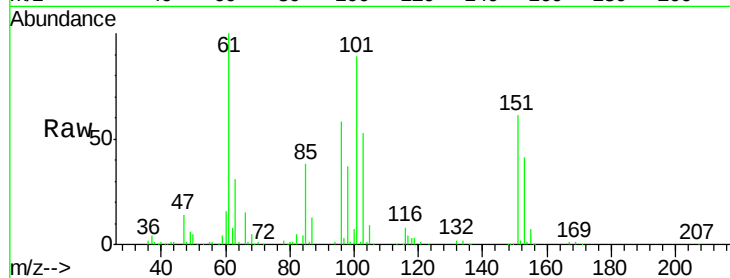
Tot Ion:101 Resp: 137022

Ion Ratio Lower Upper

101 100

85 44.6 36.6 54.8

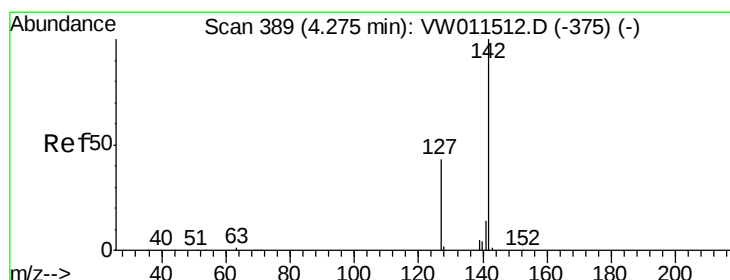
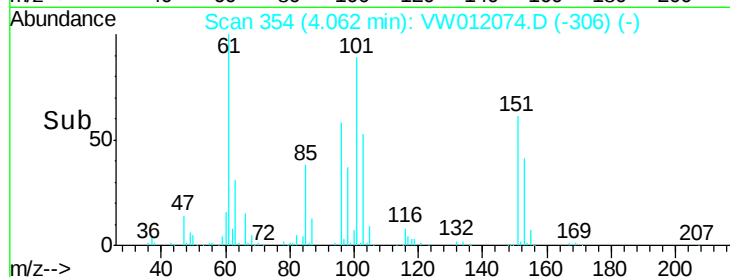
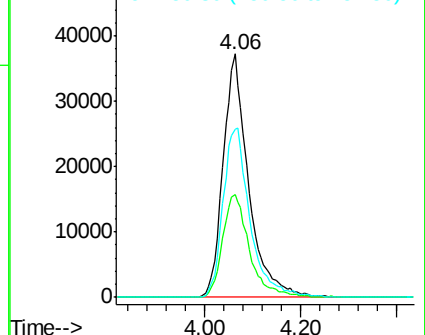
151 74.2 60.2 90.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.063 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW012074.D

Acq: 21 Aug 2019 16:16

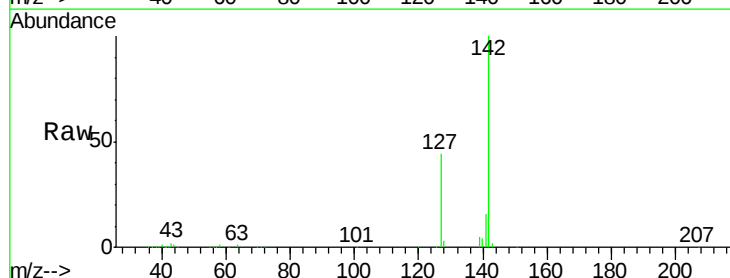
Tgt Ion:142 Resp: 182593

Ion Ratio Lower Upper

142 100

127 43.8 35.0 52.6

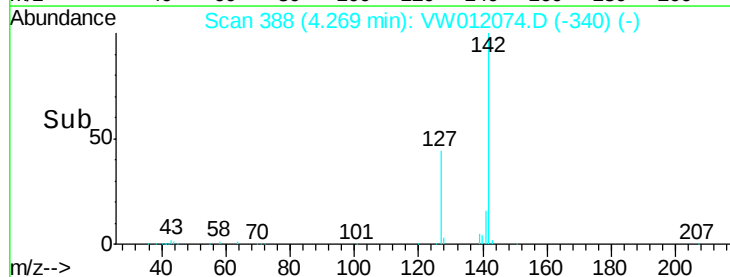
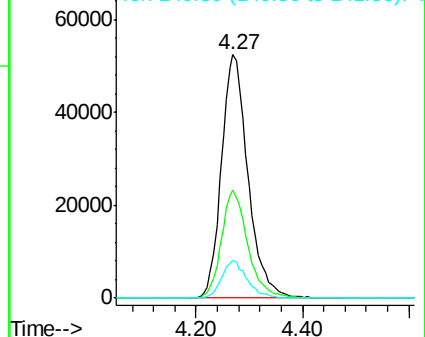
141 14.9 11.9 17.9

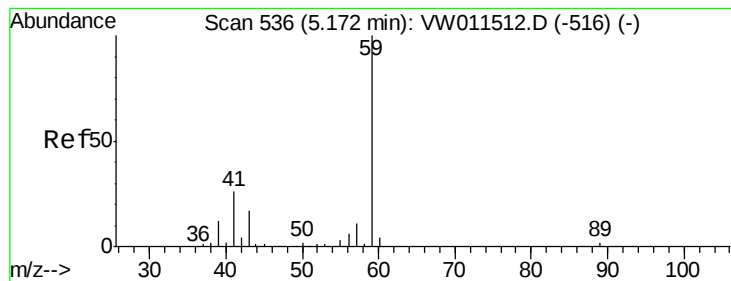


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



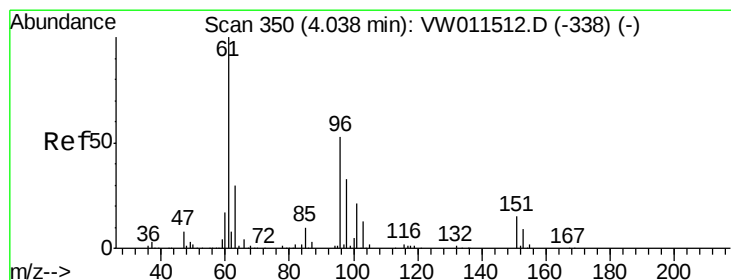
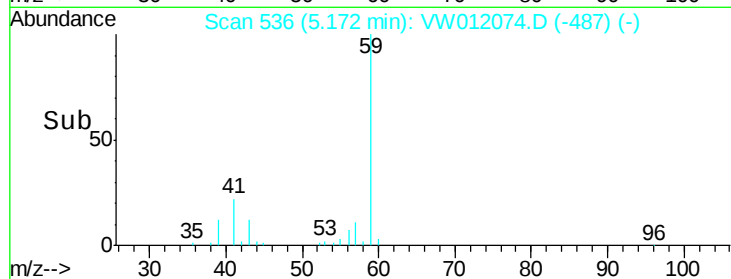
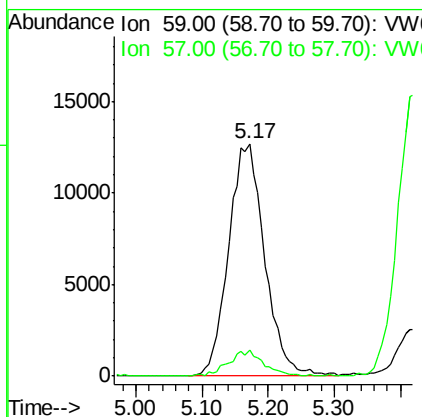
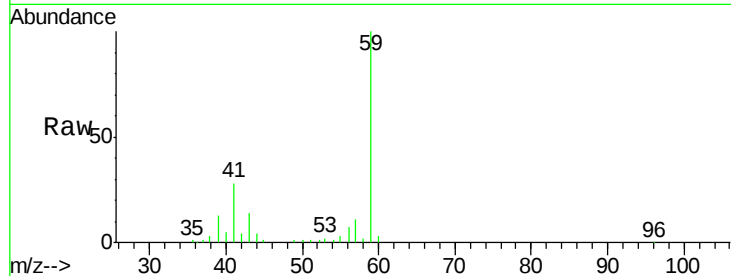


#11

Tert butyl alcohol
 Concen: 228.492 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: VW012074.D
 Acq: 21 Aug 2019 16:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

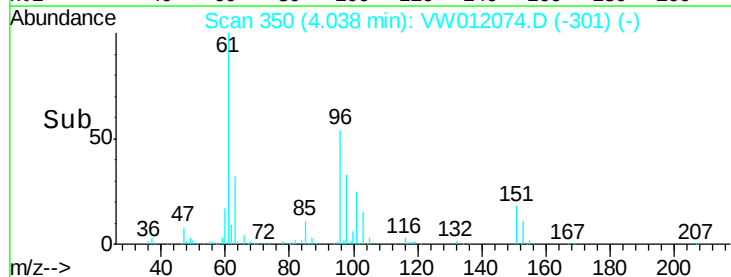
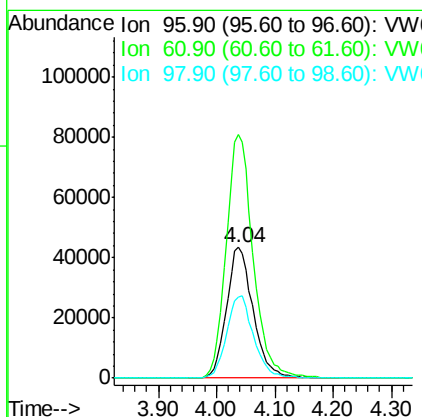
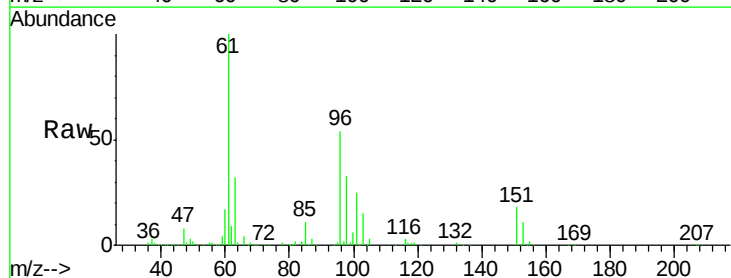
Tot Ion: 59 Resp: 48121
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.5 12.7

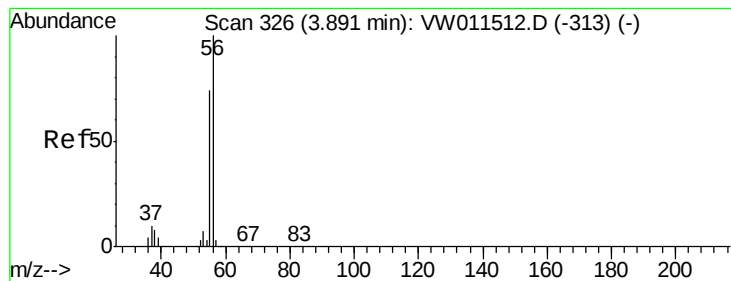


#12

1,1-Dichloroethene
 Concen: 53.726 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW012074.D
 Acq: 21 Aug 2019 16:16

Tgt Ion: 96 Resp: 138128
 Ion Ratio Lower Upper
 96 100
 61 186.4 149.9 224.9
 98 62.1 49.1 73.7





#13

Acrolein

Concen: 197.885 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012074.D

Acq: 21 Aug 2019 16:16

Instrument :

MSVOA_W

ClientSampleId :

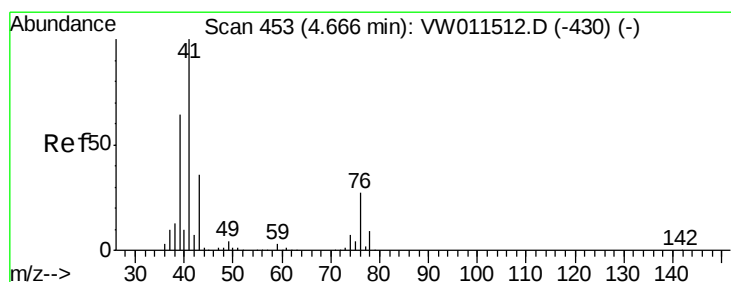
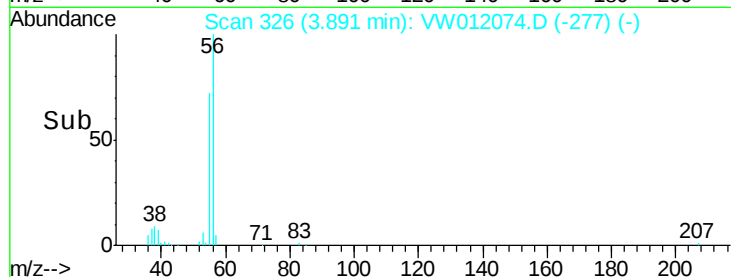
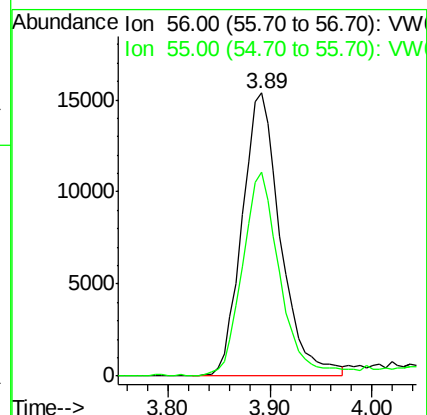
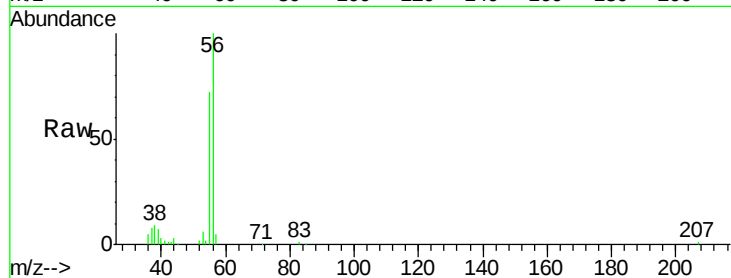
VSTDCCC050

Tot Ion: 56 Resp: 40249

Ion Ratio Lower Upper

56 100

55 70.7 56.0 84.0



#14

Allyl chloride

Concen: 53.743 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012074.D

Acq: 21 Aug 2019 16:16

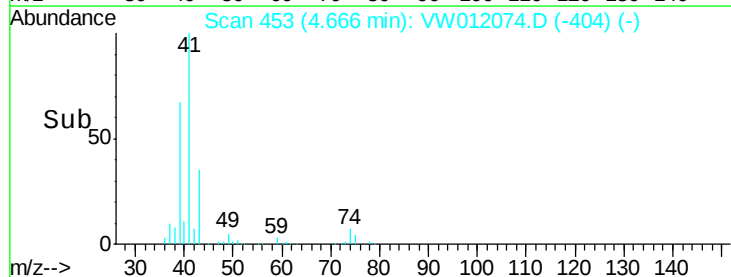
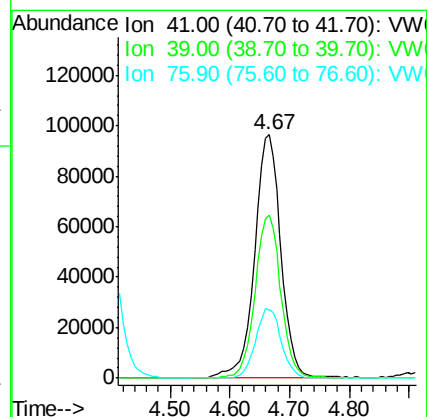
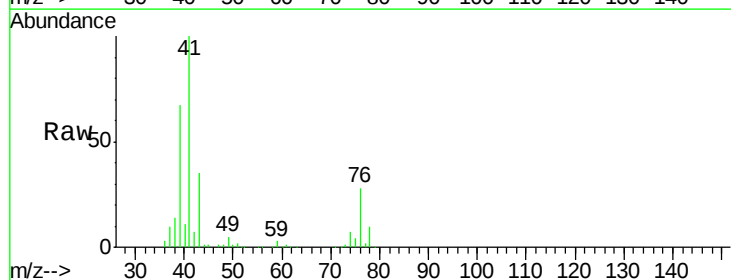
Tgt Ion: 41 Resp: 293879

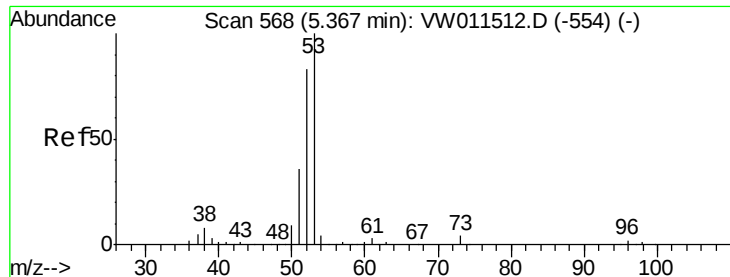
Ion Ratio Lower Upper

41 100

39 65.9 52.6 78.8

76 27.7 22.0 33.0





#15

Acrylonitrile

Concen: 259.728 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012074.D

Acq: 21 Aug 2019 16:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

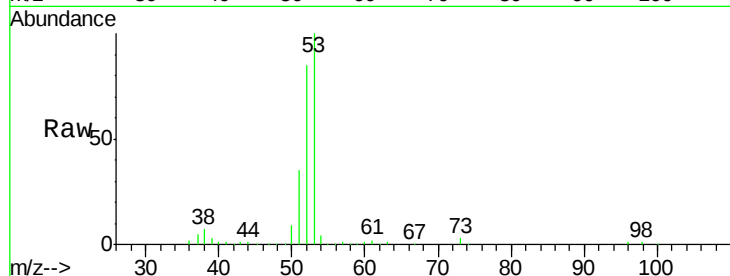
Tot Ion: 53 Resp: 188694

Ion Ratio Lower Upper

53 100

52 82.9 67.2 100.8

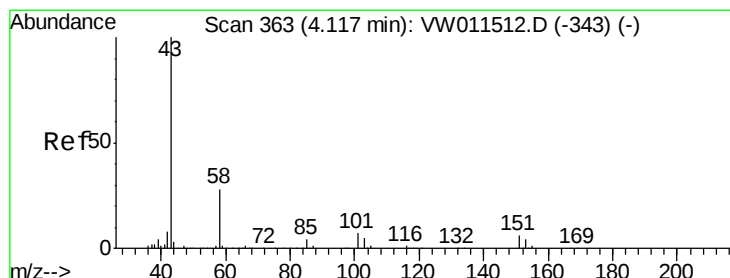
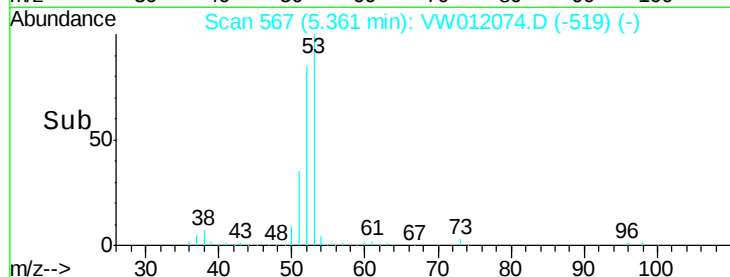
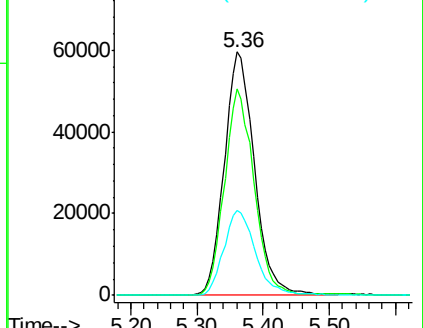
51 36.7 30.0 45.0



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 218.917 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW012074.D

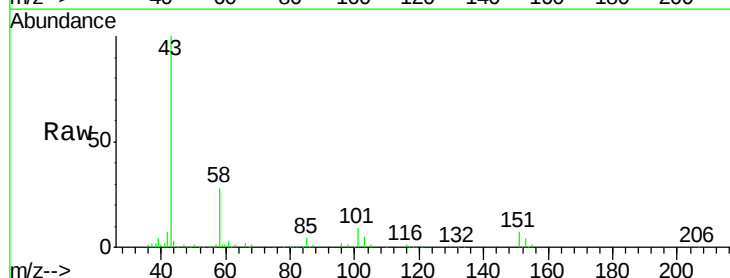
Acq: 21 Aug 2019 16:16

Tgt Ion: 43 Resp: 197397

Ion Ratio Lower Upper

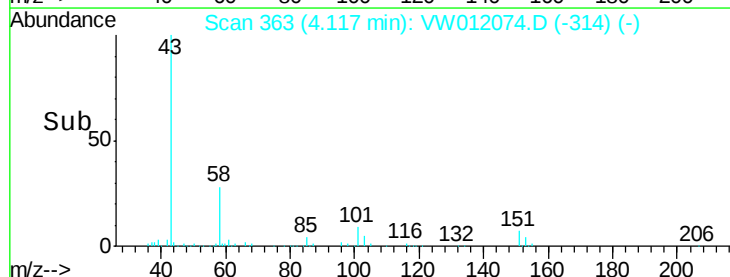
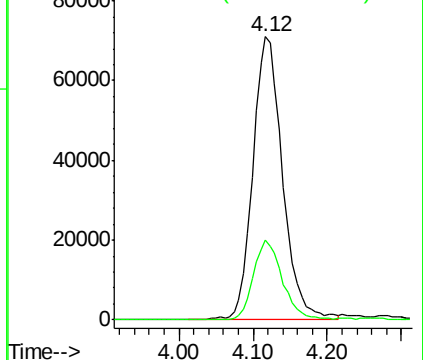
43 100

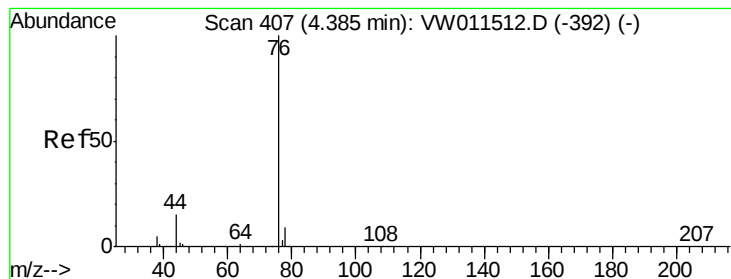
58 28.1 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 48.341 ug/l

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW012074.D

Acq: 21 Aug 2019 16:16

Instrument :

MSVOA_W

ClientSampleId :

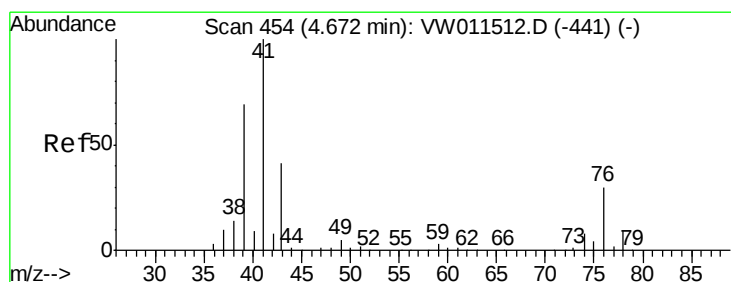
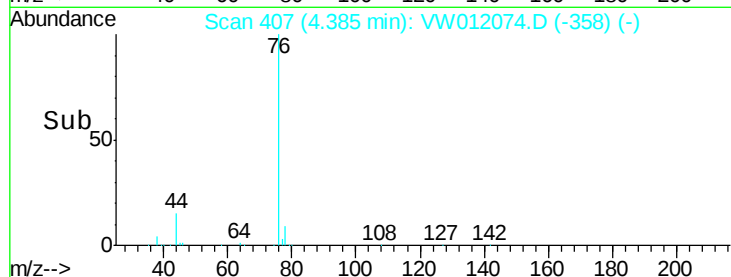
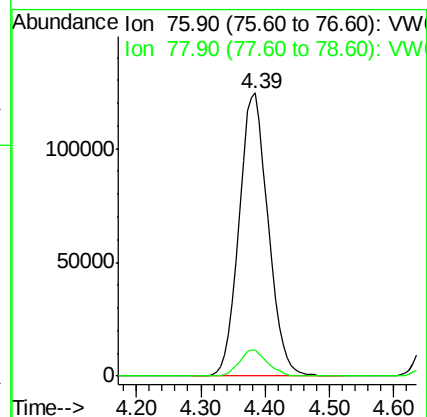
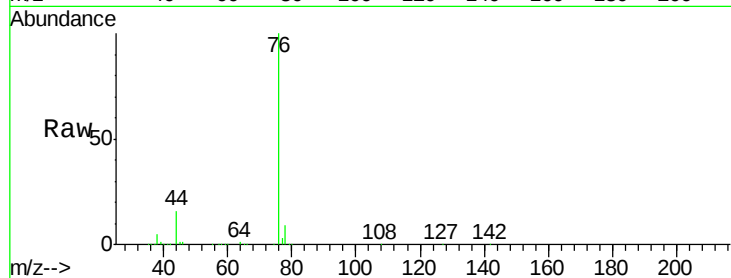
VSTDCCC050

Tot Ion: 76 Resp: 388985

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7



#18

Methyl Acetate

Concen: 49.718 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW012074.D

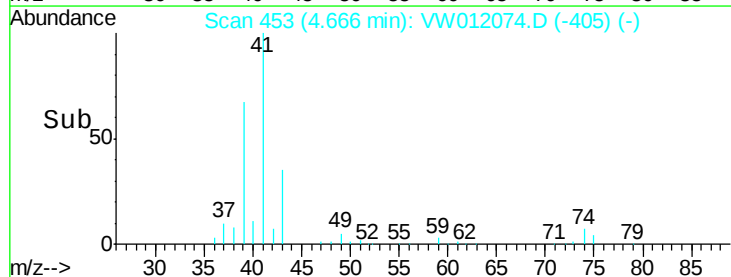
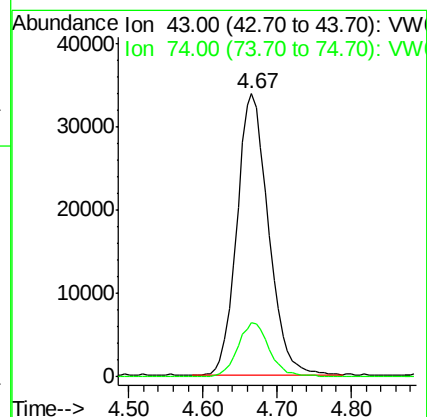
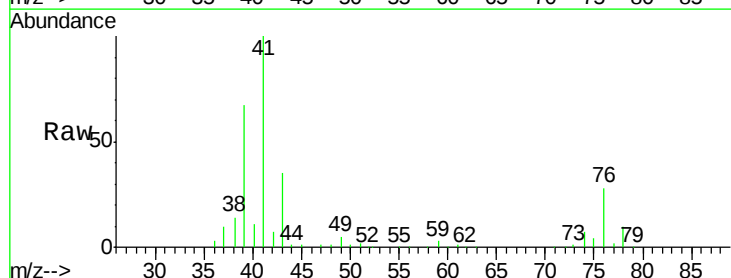
Acq: 21 Aug 2019 16:16

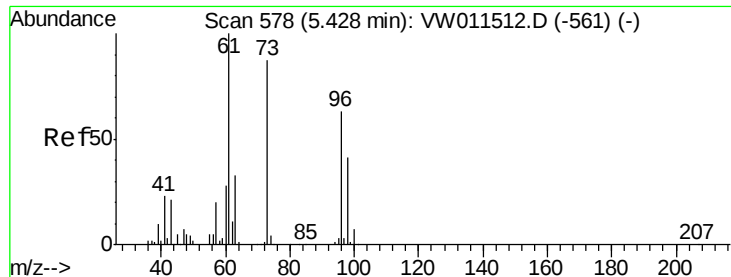
Tgt Ion: 43 Resp: 100712

Ion Ratio Lower Upper

43 100

74 19.3 15.9 23.9

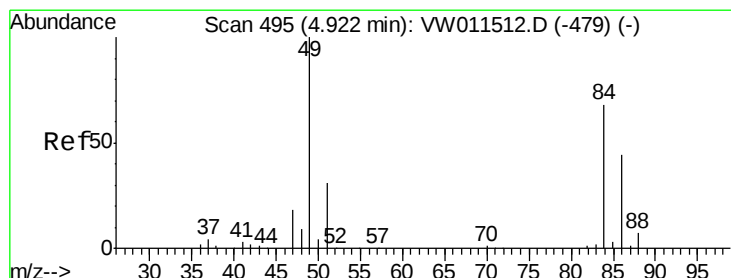
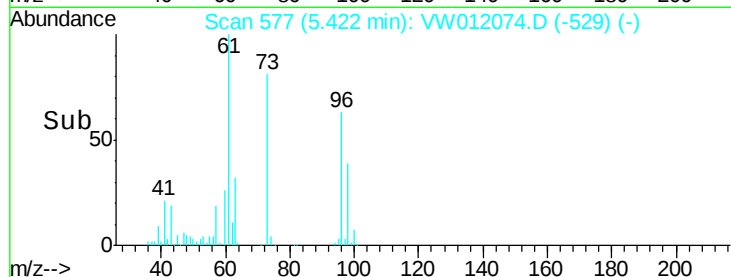
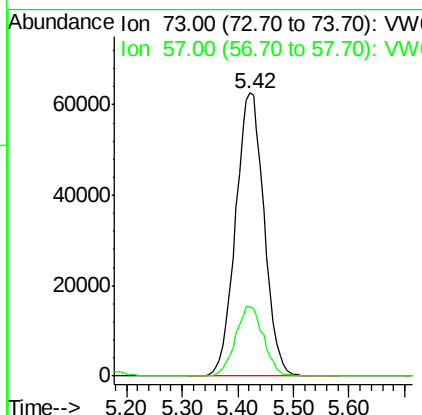
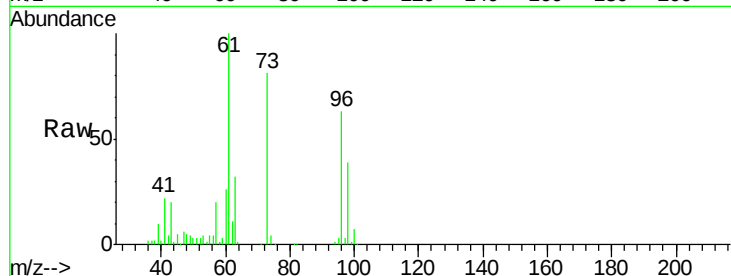




#19
Methyl tert-butyl Ether
Concen: 54.269 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012074.D
Acq: 21 Aug 2019 16:16

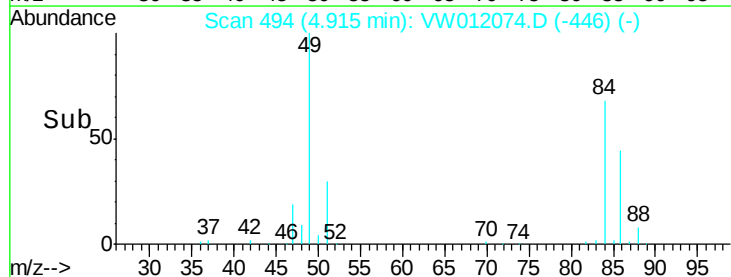
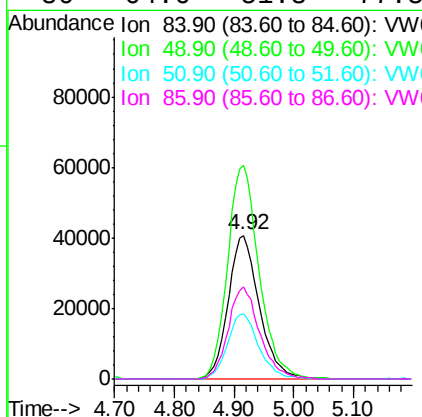
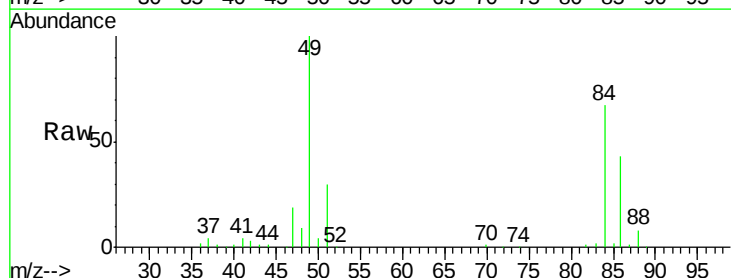
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

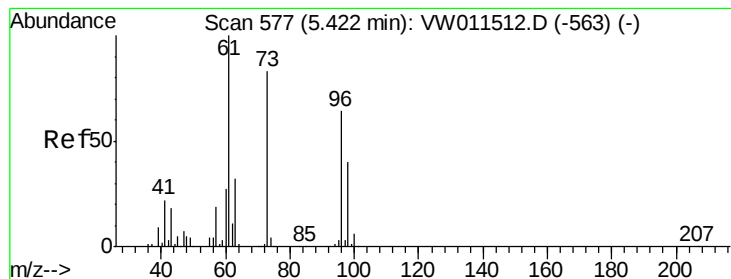
Tot Ion: 73 Resp: 221406
Ion Ratio Lower Upper
73 100
57 24.7 18.4 27.6



#20
Methylene Chloride
Concen: 47.489 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012074.D
Acq: 21 Aug 2019 16:16

Tgt Ion: 84 Resp: 147681
Ion Ratio Lower Upper
84 100
49 148.7 117.8 176.6
51 45.2 37.0 55.4
86 64.6 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 52.816 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW012074.D

Acq: 21 Aug 2019 16:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

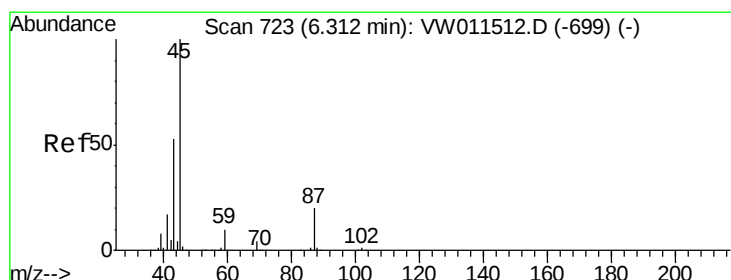
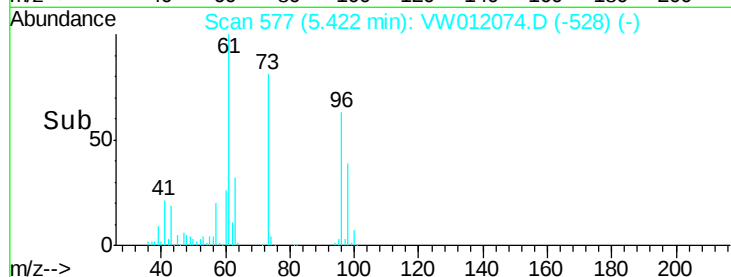
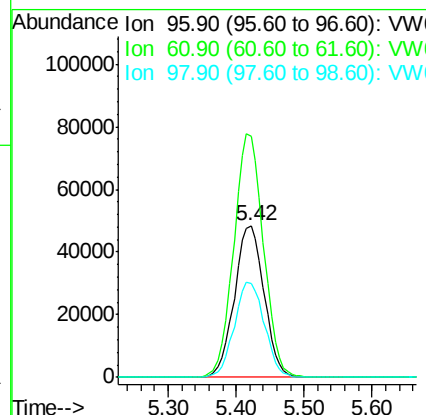
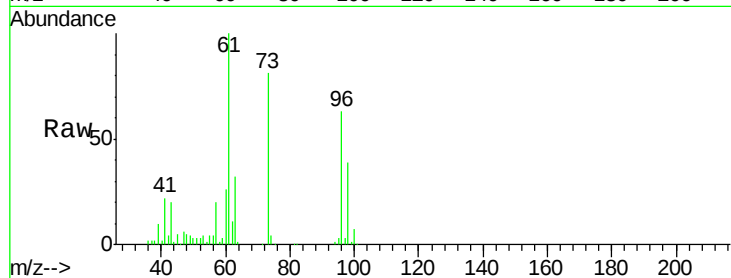
Tot Ion: 96 Resp: 146394

Ion Ratio Lower Upper

96 100

61 158.9 125.7 188.5

98 61.9 50.3 75.5



#22

Diisopropyl ether

Concen: 53.002 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW012074.D

Acq: 21 Aug 2019 16:16

Tgt Ion: 45 Resp: 546422

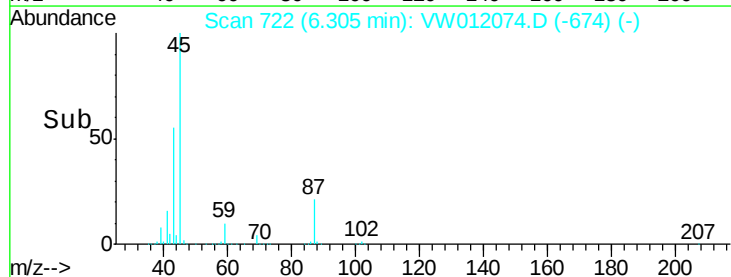
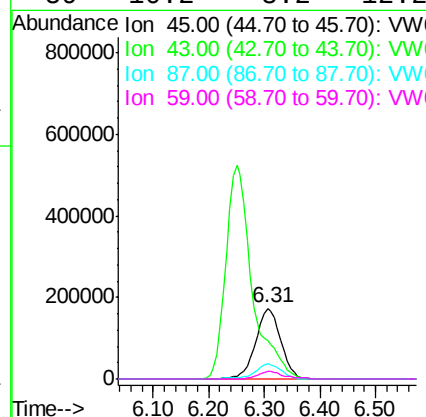
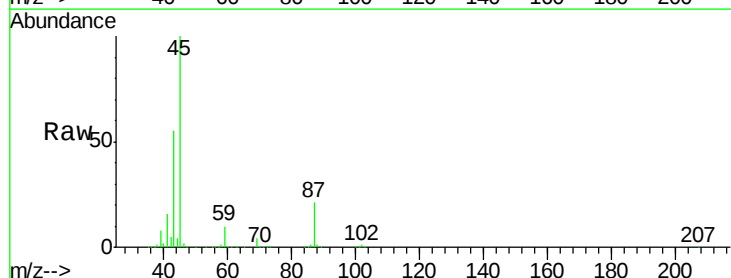
Ion Ratio Lower Upper

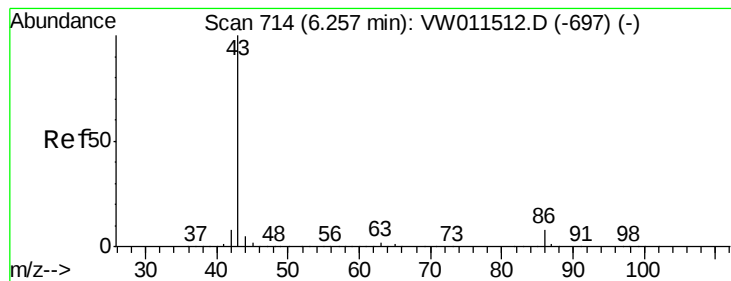
45 100

43 54.8 42.6 63.8

87 21.2 16.4 24.6

59 10.2 8.2 12.2





#23

Vinyl Acetate

Concen: 265.161 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW012074.D

Acq: 21 Aug 2019 16:16

Instrument :

MSVOA_W

ClientSampleId :

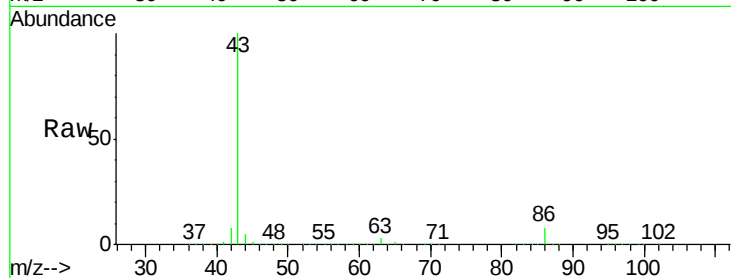
VSTDCCC050

Tot Ion: 43 Resp: 1717728

Ion Ratio Lower Upper

43 100

86 8.2 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

500000

400000

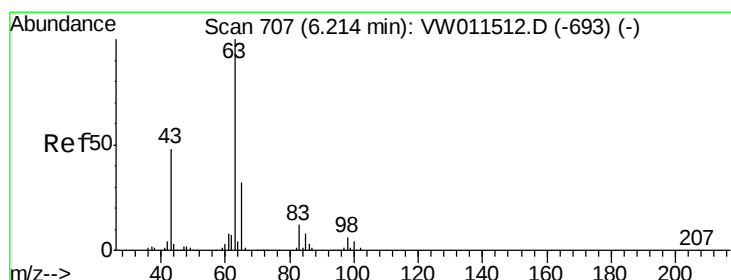
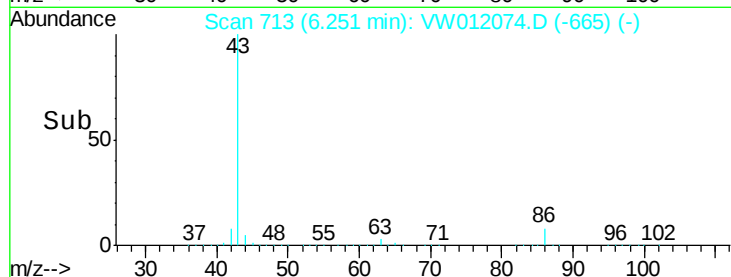
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 53.268 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012074.D

Acq: 21 Aug 2019 16:16

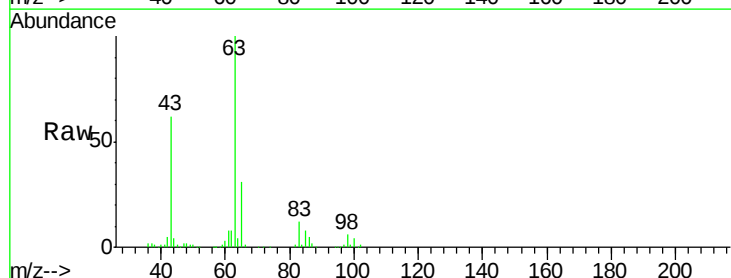
Tgt Ion: 63 Resp: 294116

Ion Ratio Lower Upper

63 100

98 6.5 2.9 8.8

100 3.6 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

120000

100000

80000

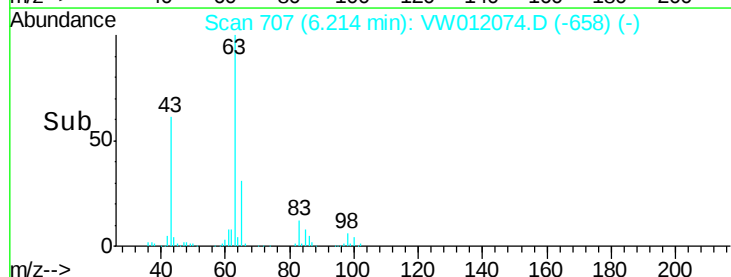
60000

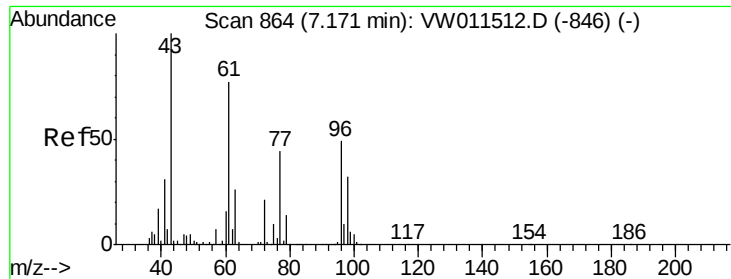
40000

20000

0

Time-->





#25

2-Butanone

Concen: 235.059 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW012074.D

Acq: 21 Aug 2019 16:16

Instrument :

MSVOA_W

ClientSampleId :

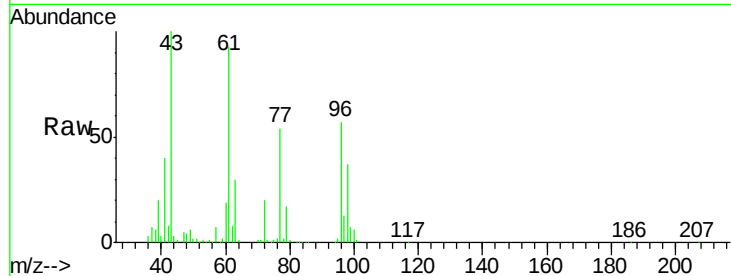
VSTDCCC050

Tot Ion: 43 Resp: 277346

Ion Ratio Lower Upper

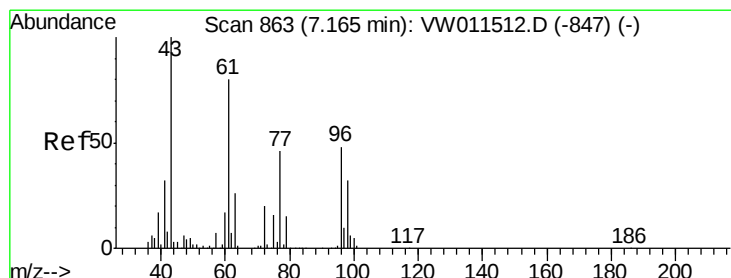
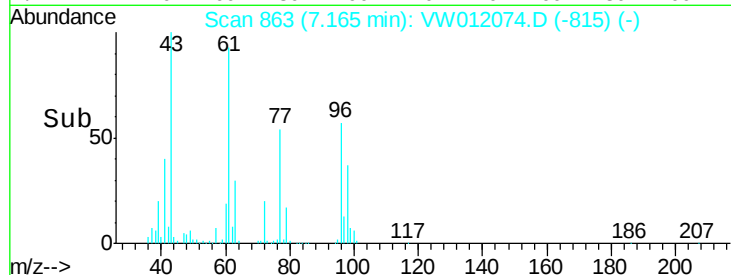
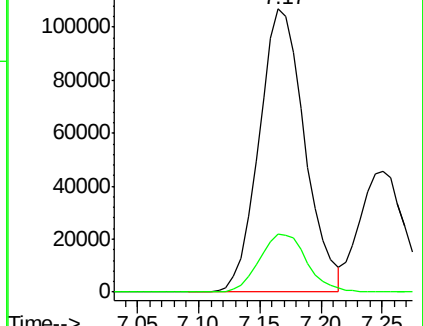
43 100

72 20.4 16.6 24.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 49.021 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012074.D

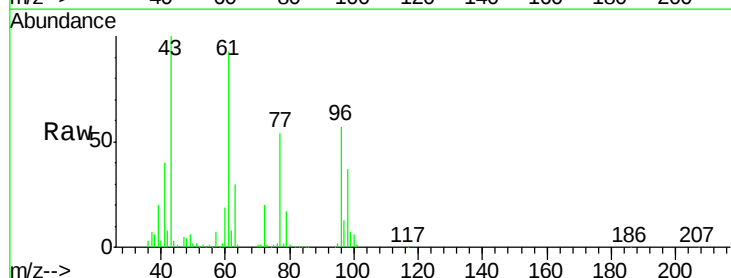
Acq: 21 Aug 2019 16:16

Tgt Ion: 77 Resp: 166457

Ion Ratio Lower Upper

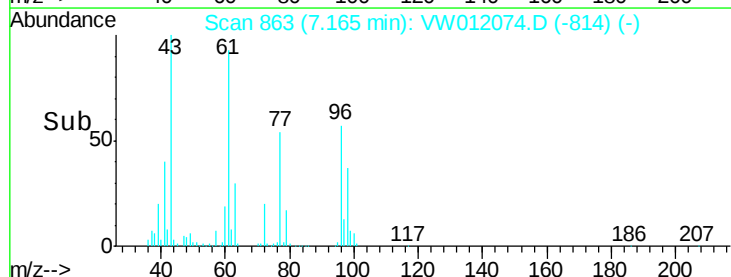
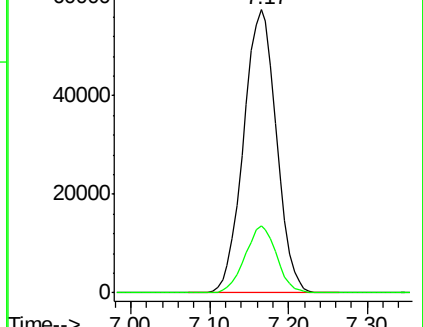
77 100

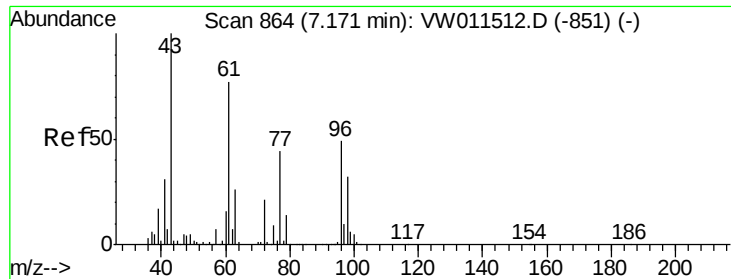
97 22.7 10.8 32.4



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



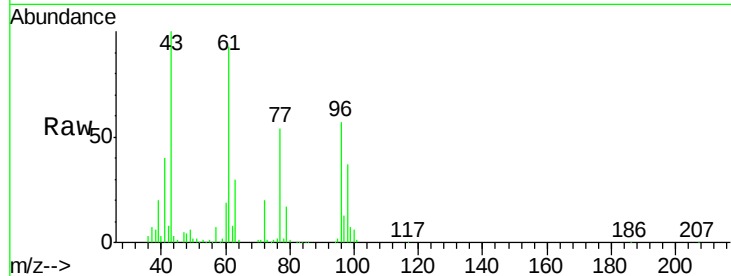


#27

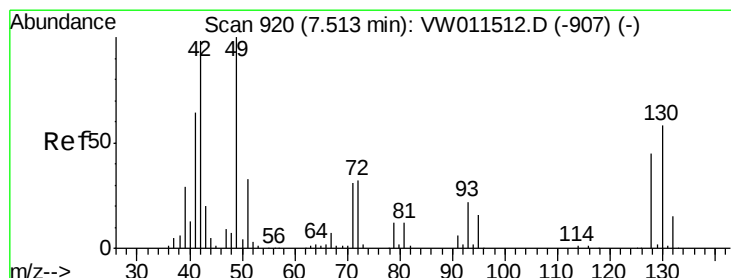
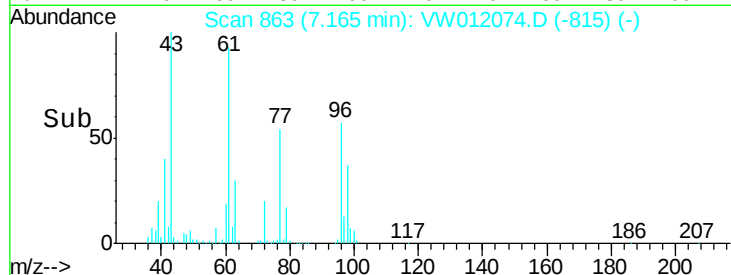
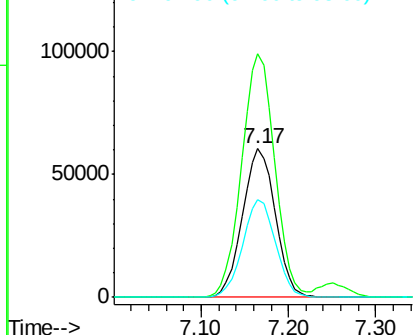
cis-1,2-Dichloroethene
Concen: 51.894 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012074.D
Acq: 21 Aug 2019 16:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 158308
Ion Ratio Lower Upper
96 100
61 164.7 0.0 328.4
98 65.3 0.0 128.8



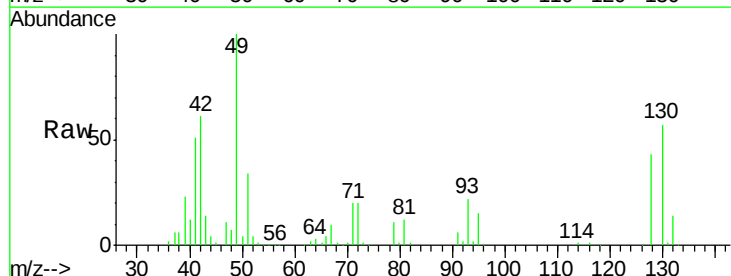
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



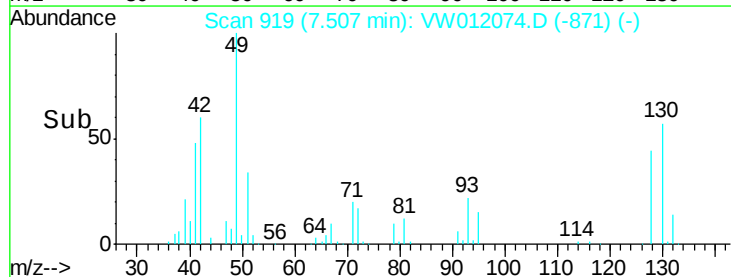
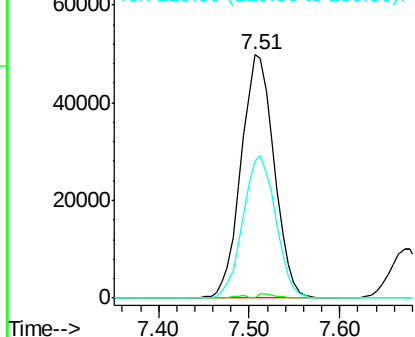
#28

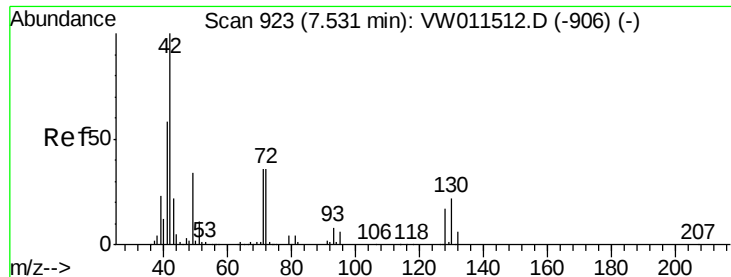
Bromochloromethane
Concen: 51.385 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW012074.D
Acq: 21 Aug 2019 16:16

Tgt Ion: 49 Resp: 125933
Ion Ratio Lower Upper
49 100
129 0.9 0.0 1.0
130 58.2 46.3 69.5



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

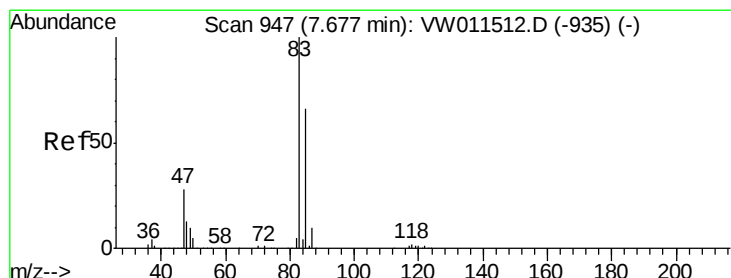
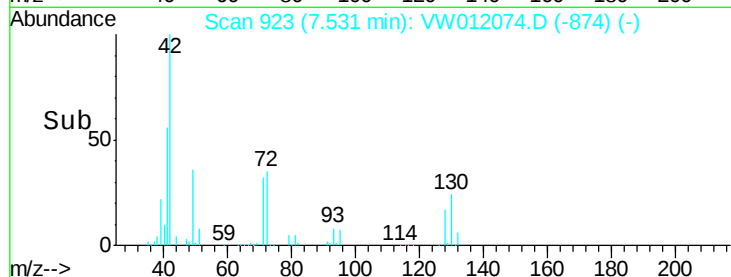
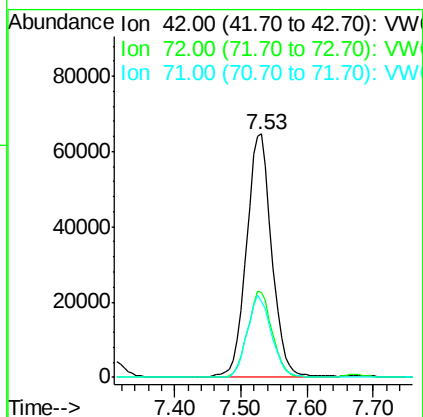
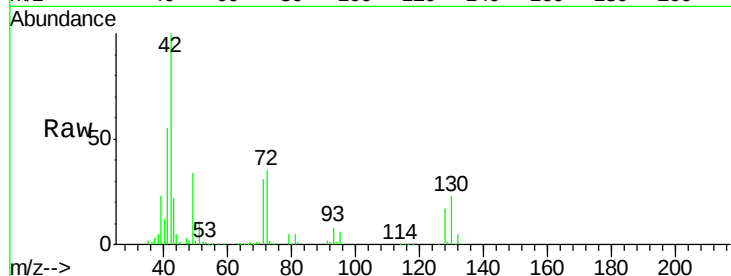




#29
Tetrahydrofuran
Concen: 255.830 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012074.D
Acq: 21 Aug 2019 16:16

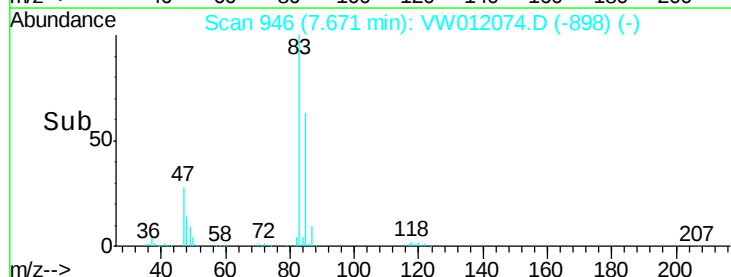
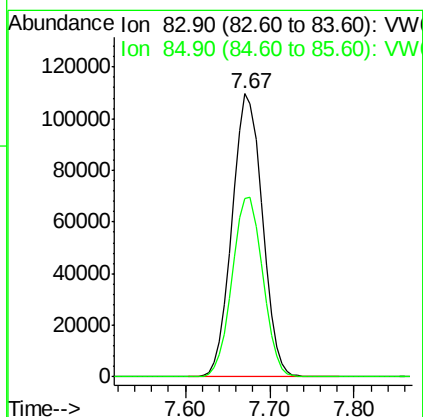
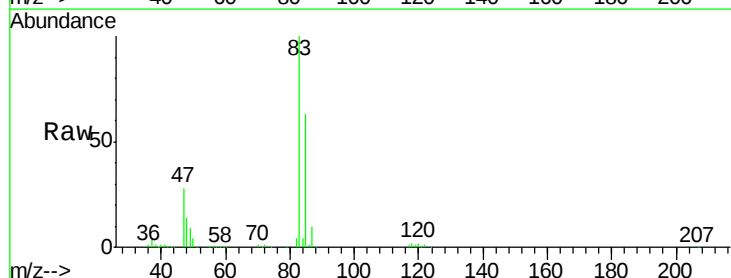
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

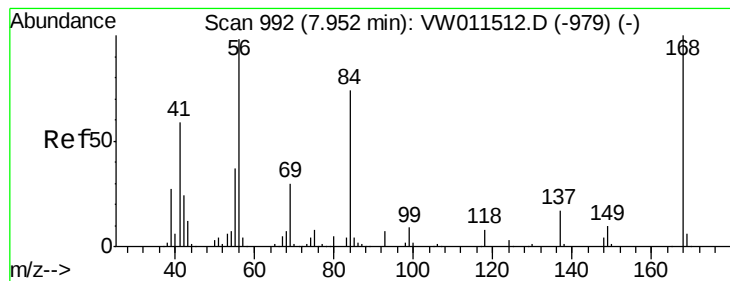
Tot Ion: 42 Resp: 172542
Ion Ratio Lower Upper
42 100
72 34.4 27.1 40.7
71 32.3 26.2 39.4



#30
Chloroform
Concen: 52.471 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012074.D
Acq: 21 Aug 2019 16:16

Tgt Ion: 83 Resp: 267285
Ion Ratio Lower Upper
83 100
85 63.2 52.5 78.7

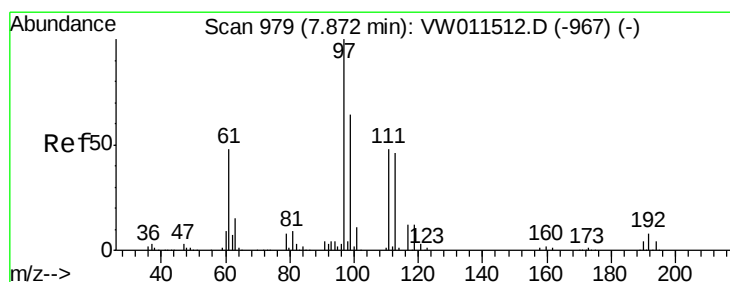
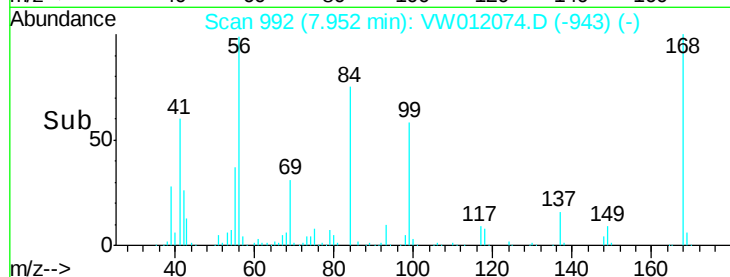
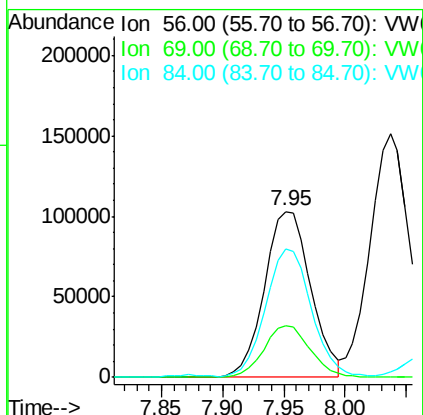
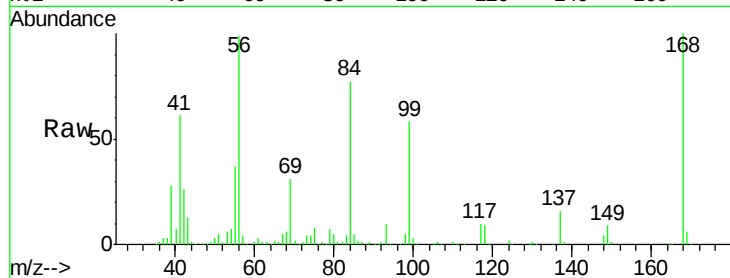




#31
Cyclohexane
Concen: 51.299 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW012074.D
Acq: 21 Aug 2019 16:16

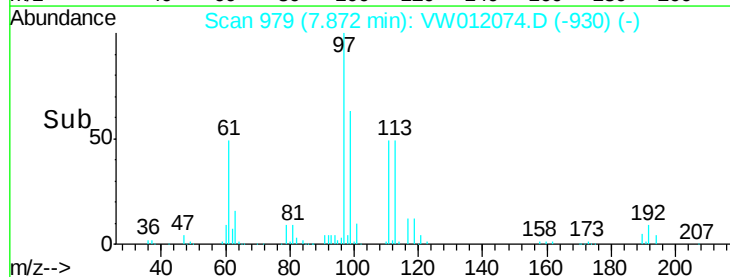
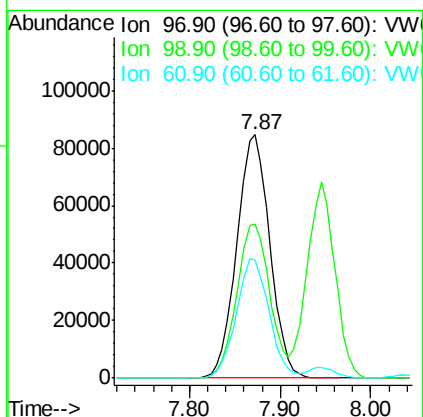
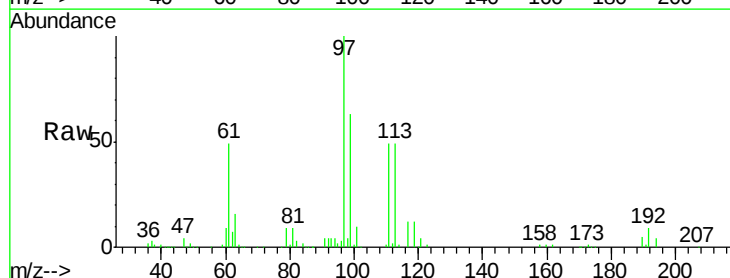
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

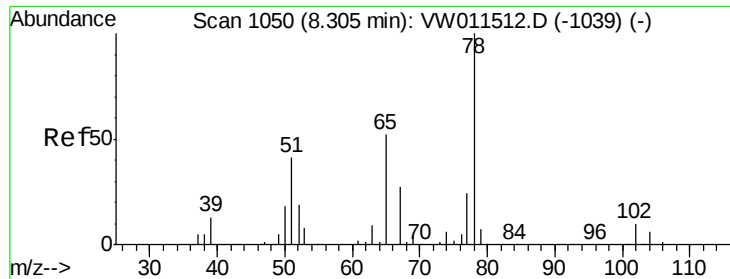
Tot Ion	Ratio	Lower	Upper
56	100		
69	31.3	24.3	36.5
84	76.0	60.4	90.6



#32
1,1,1-Trichloroethane
Concen: 55.040 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW012074.D
Acq: 21 Aug 2019 16:16

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.0	76.6
61	49.0	39.8	59.6

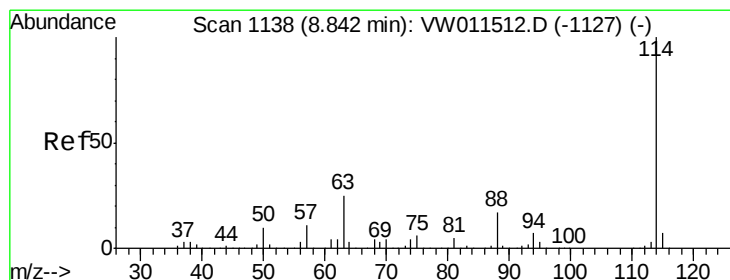
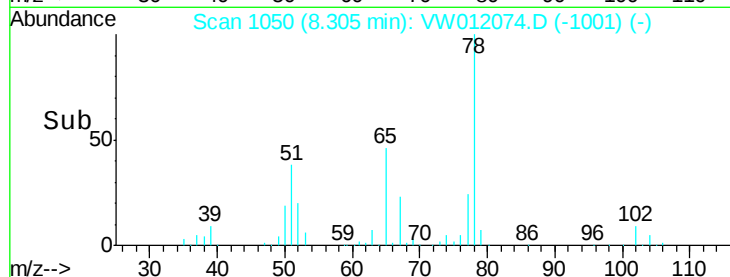
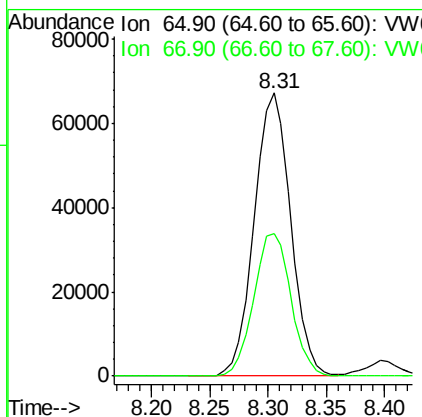
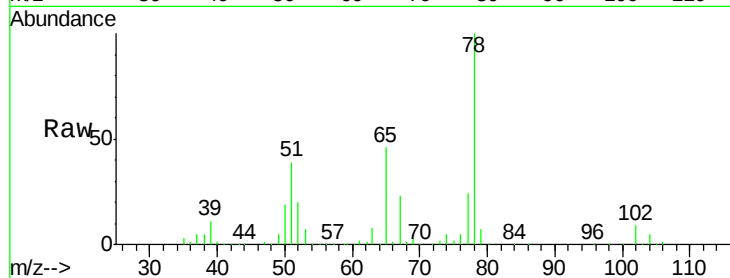




#33
 1,2-Dichloroethane-d4
 Concen: 51.748 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012074.D
 Acq: 21 Aug 2019 16:16

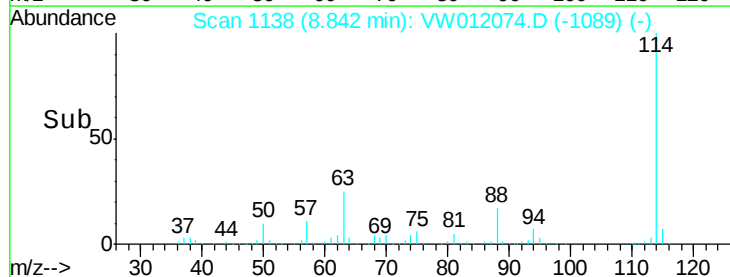
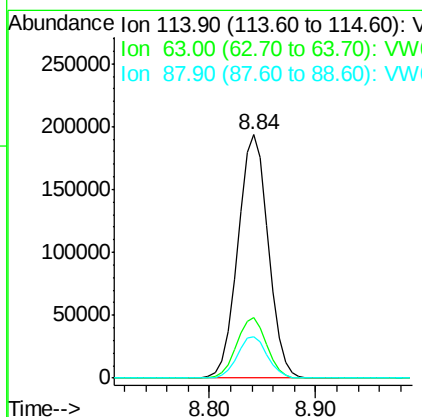
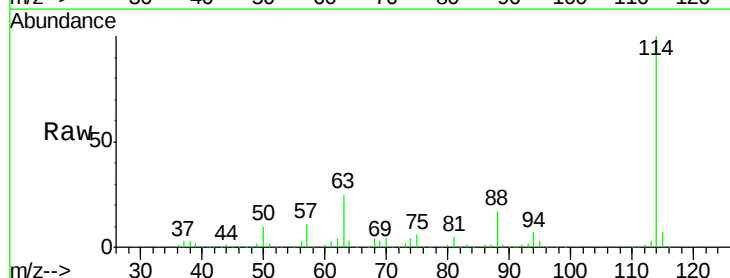
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

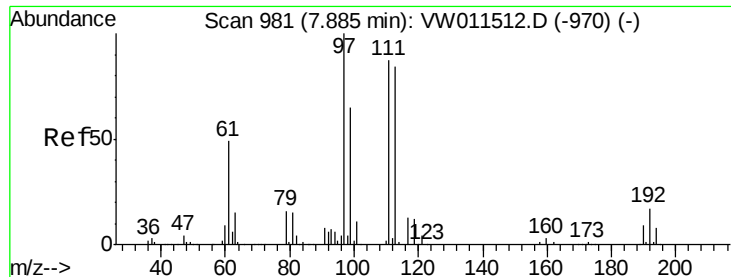
Tot Ion: 65 Resp: 146687
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012074.D
 Acq: 21 Aug 2019 16:16

Tgt Ion: 114 Resp: 387422
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 49.2
 88 16.9 0.0 33.8

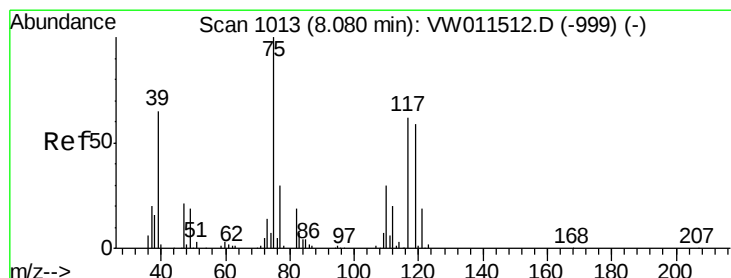
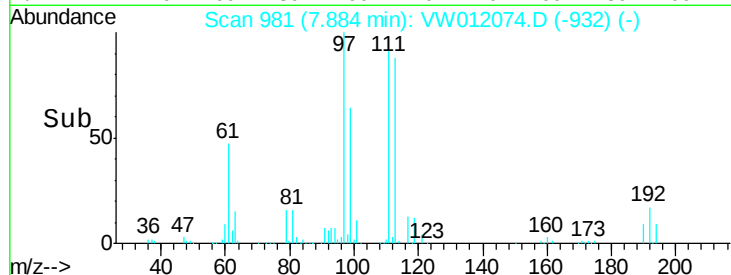
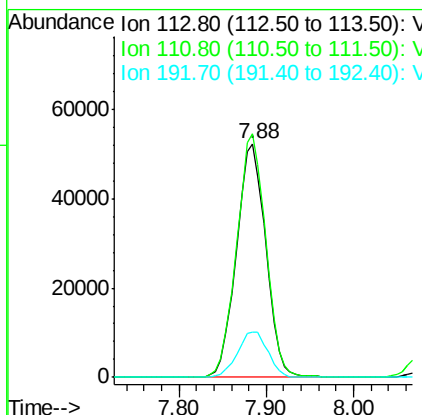
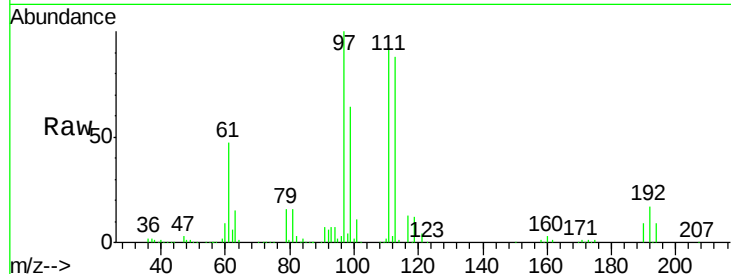




#35
 Dibromofluoromethane
 Concen: 56.267 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012074.D
 Acq: 21 Aug 2019 16:16

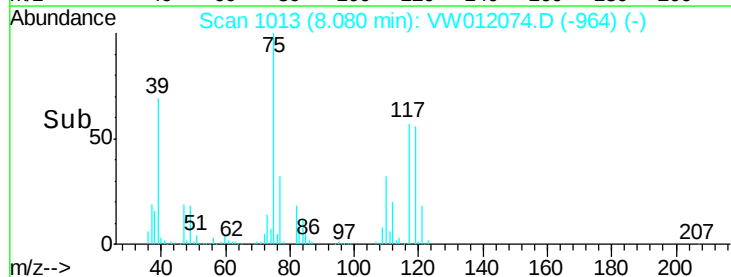
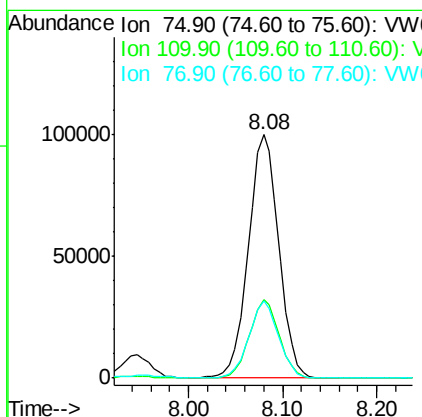
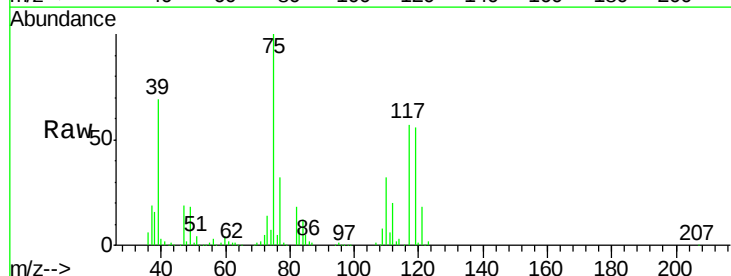
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

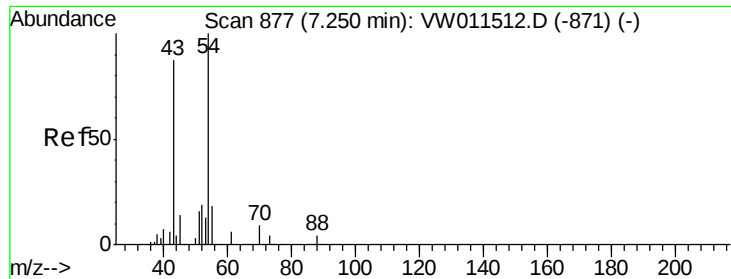
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.7	124.1
192	20.2	16.1	24.1



#36
 1,1-Dichloropropene
 Concen: 56.095 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012074.D
 Acq: 21 Aug 2019 16:16

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.5	15.6	46.8
77	31.2	24.3	36.5

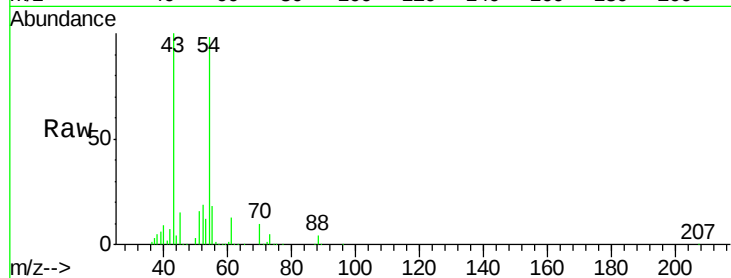




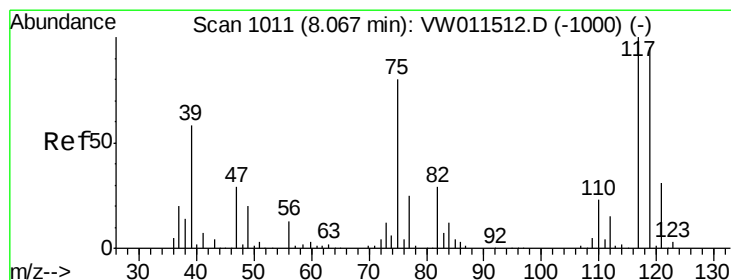
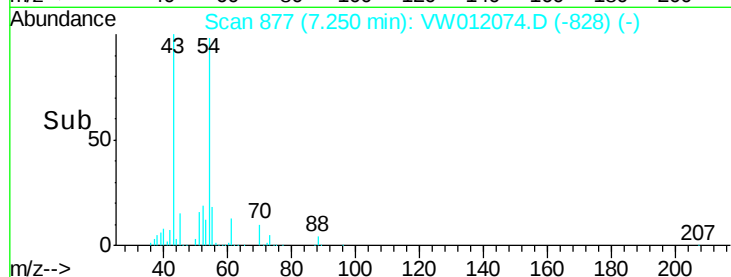
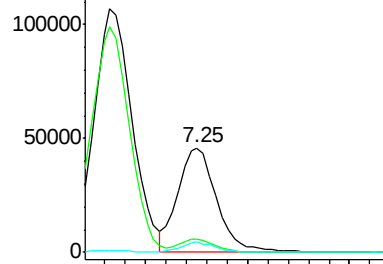
#37
Ethyl Acetate
Concen: 51.657 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012074.D
Acq: 21 Aug 2019 16:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 119725
Ion Ratio Lower Upper
43 100
61 12.1 8.8 13.2
70 8.8 7.1 10.7

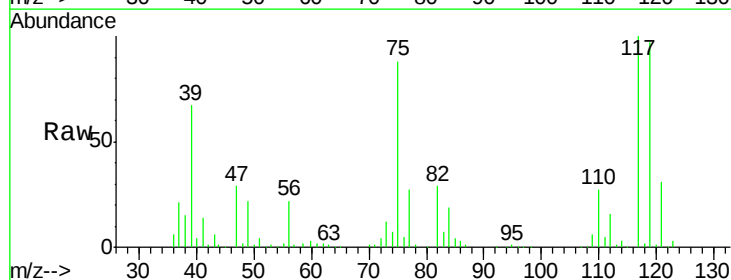


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

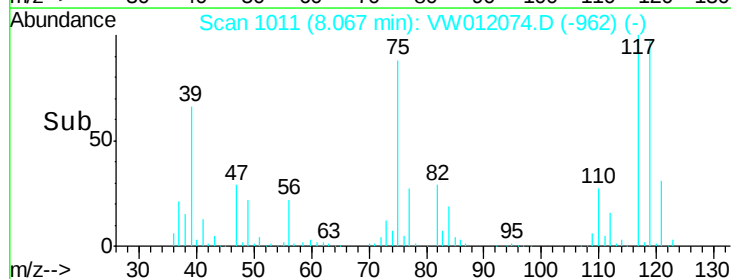
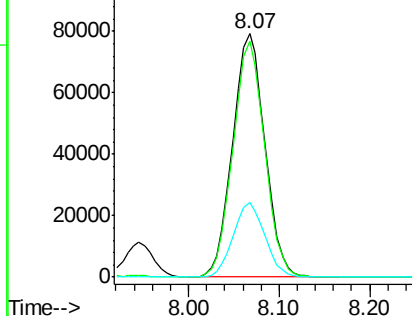


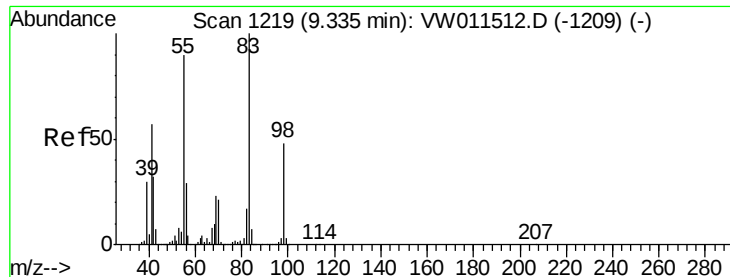
#38
Carbon Tetrachloride
Concen: 56.824 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012074.D
Acq: 21 Aug 2019 16:16

Tgt Ion: 117 Resp: 195965
Ion Ratio Lower Upper
117 100
119 96.7 75.8 113.6
121 30.7 24.7 37.1



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

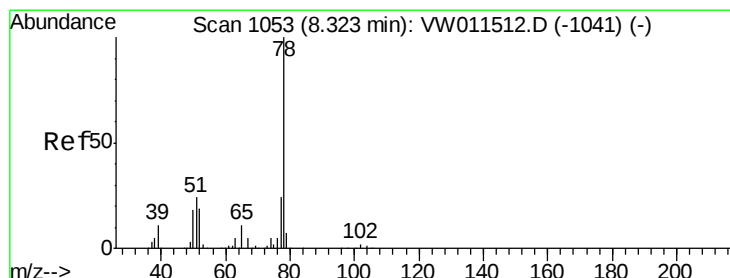
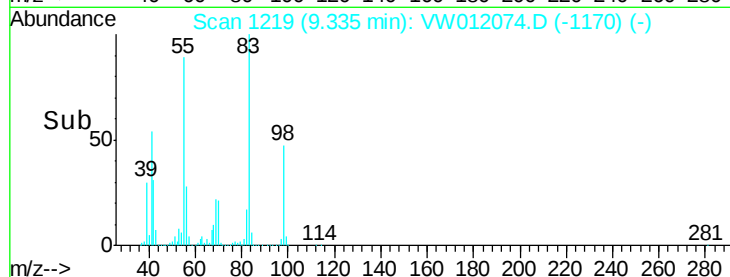
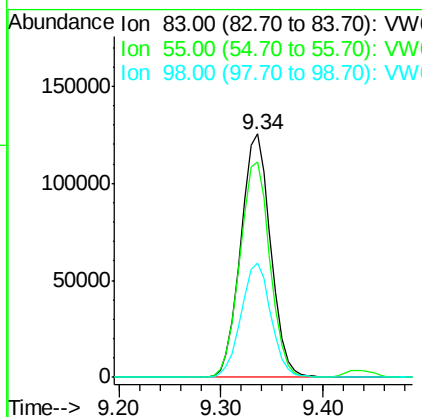
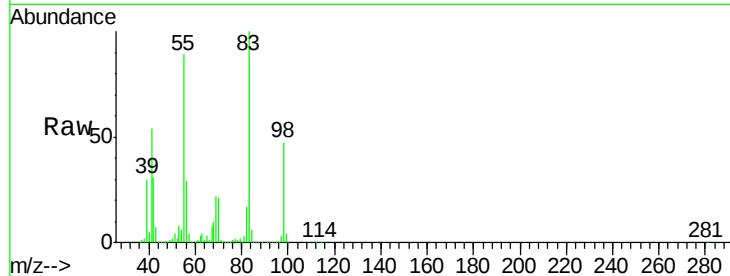




#39
Methvlcvclohexane
Concen: 57.700 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012074.D
Acq: 21 Aug 2019 16:16

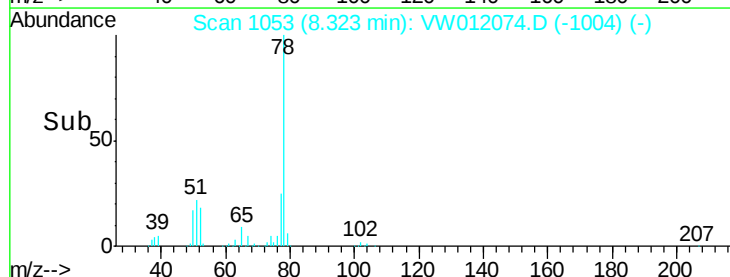
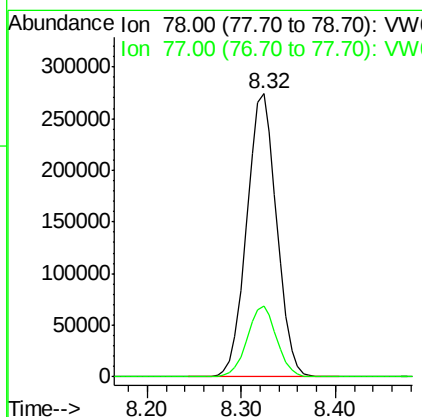
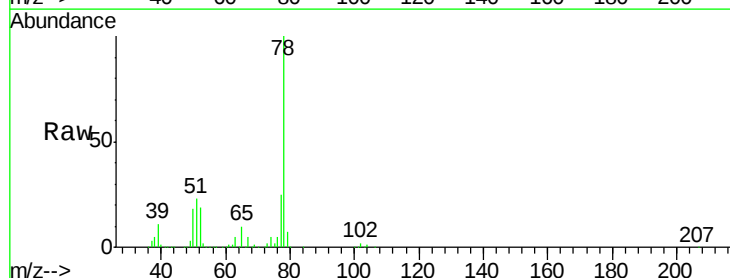
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

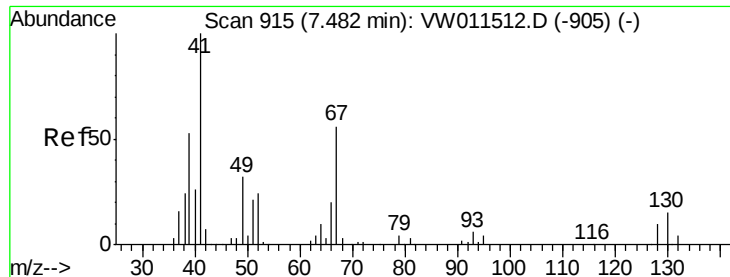
Tot Ion: 83 Resp: 255949
Ion Ratio Lower Upper
83 100
55 88.6 72.1 108.1
98 47.2 38.6 57.8



#40
Benzene
Concen: 54.134 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012074.D
Acq: 21 Aug 2019 16:16

Tgt Ion: 78 Resp: 610848
Ion Ratio Lower Upper
78 100
77 24.9 19.4 29.0

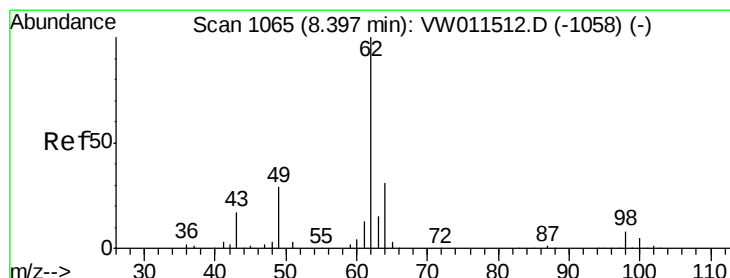
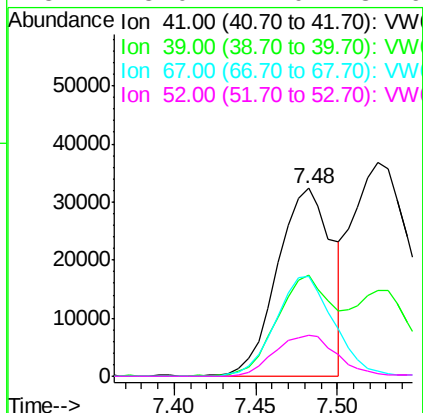
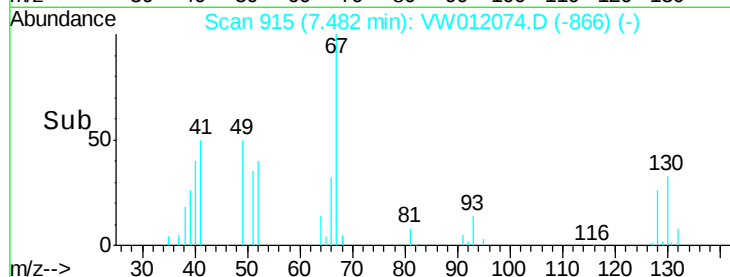
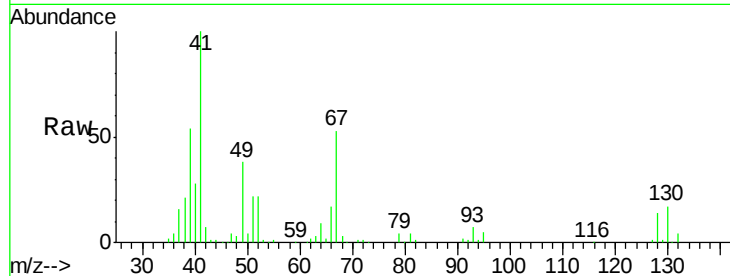




#41
Methacrylonitrile
Concen: 54.510 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW012074.D
Acq: 21 Aug 2019 16:16

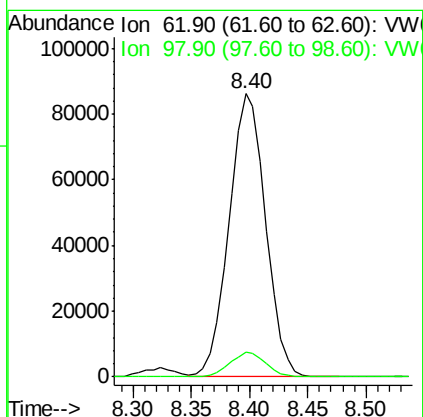
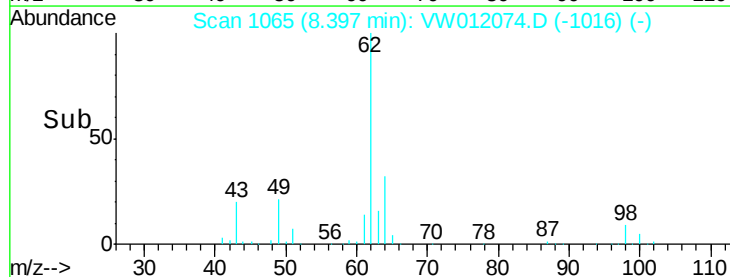
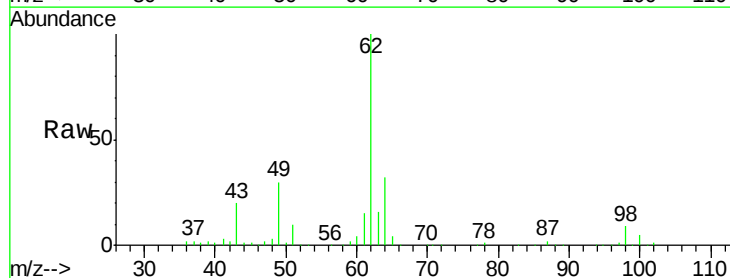
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

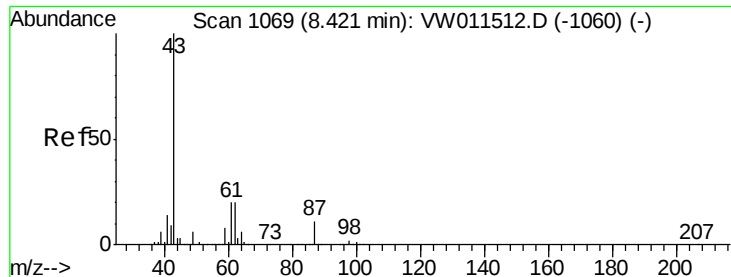
Tot Ion:	41	Resp:	75521
Ion	Ratio	Lower	Upper
41	100		
39	53.1	43.0	64.4
67	57.1	47.5	71.3
52	25.0	21.0	31.6



#42
1,2-Dichloroethane
Concen: 53.133 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012074.D
Acq: 21 Aug 2019 16:16

Tgt Ion:	62	Resp:	187712
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.8





#43

Isopropyl Acetate

Concen: 53.883 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012074.D

Acq: 21 Aug 2019 16:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

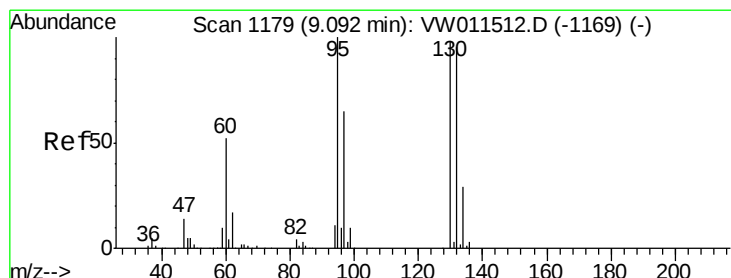
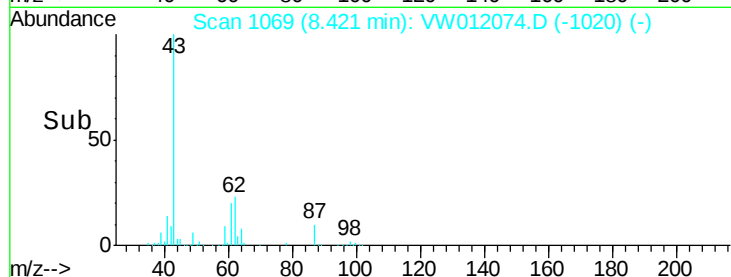
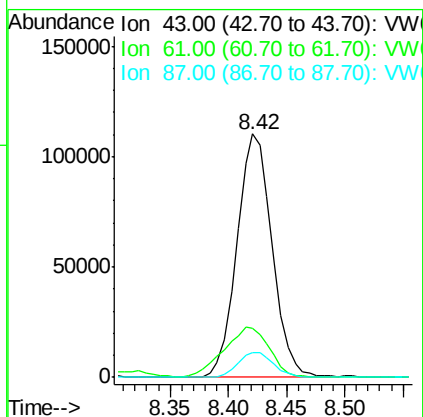
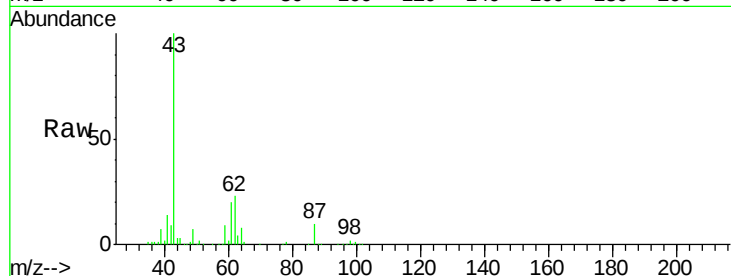
Tot Ion: 43 Resp: 229674

Ion Ratio Lower Upper

43 100

61 26.5 21.5 32.3

87 10.4 8.4 12.6



#44

Trichloroethene

Concen: 55.262 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012074.D

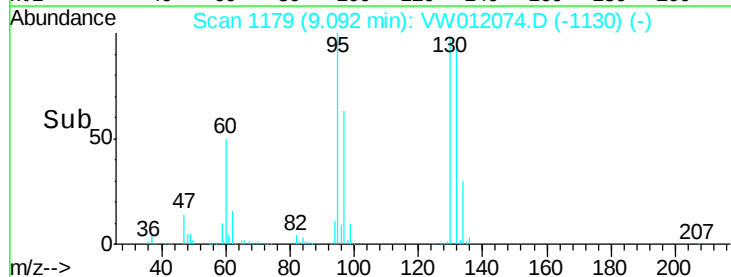
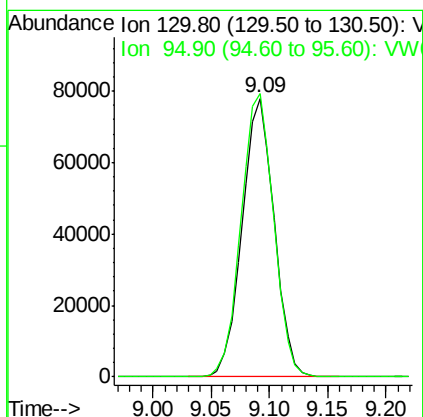
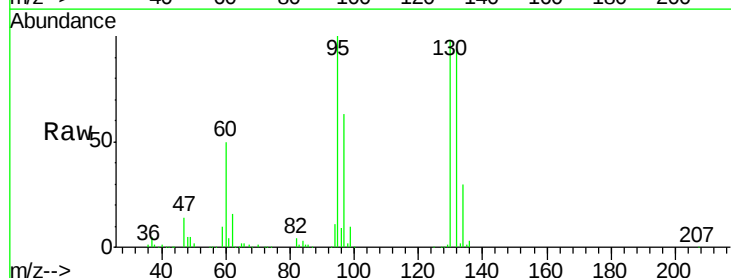
Acq: 21 Aug 2019 16:16

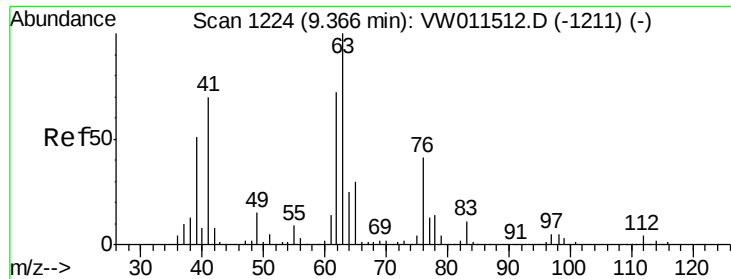
Tgt Ion: 130 Resp: 149876

Ion Ratio Lower Upper

130 100

95 101.5 0.0 204.8

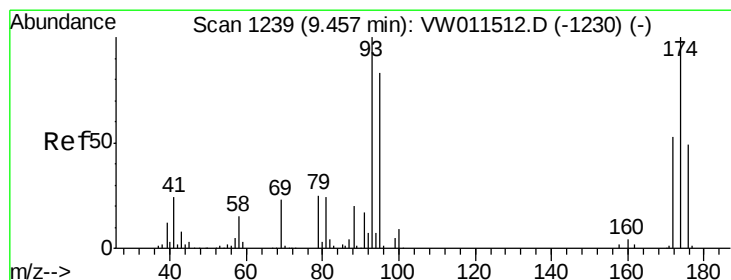
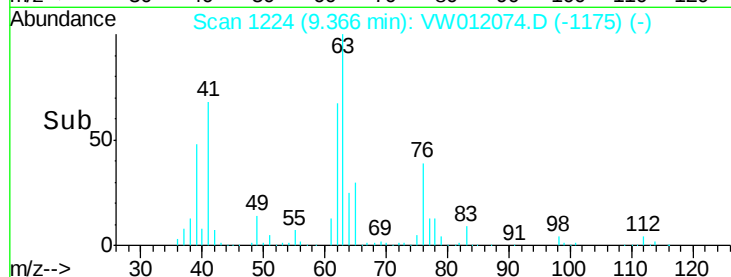
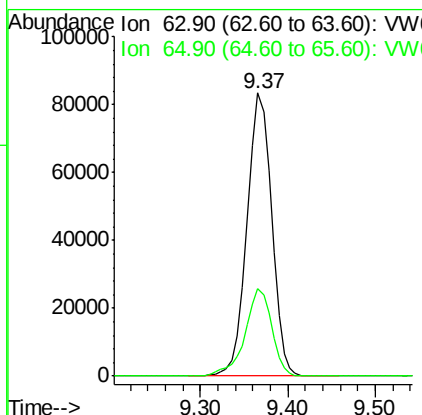
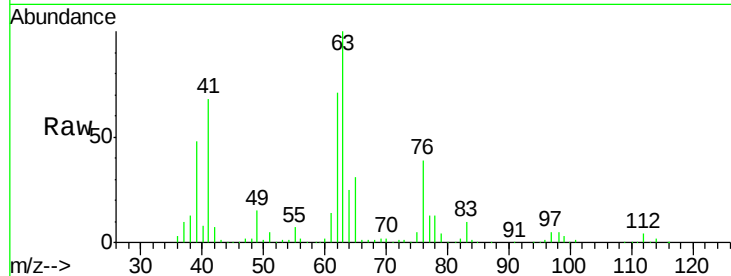




#45
 1,2-Dichloropropane
 Concen: 54.423 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012074.D
 Acq: 21 Aug 2019 16:16

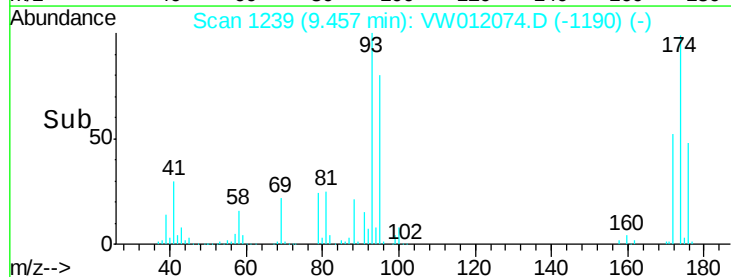
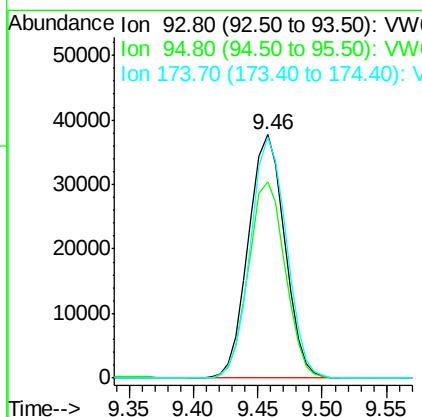
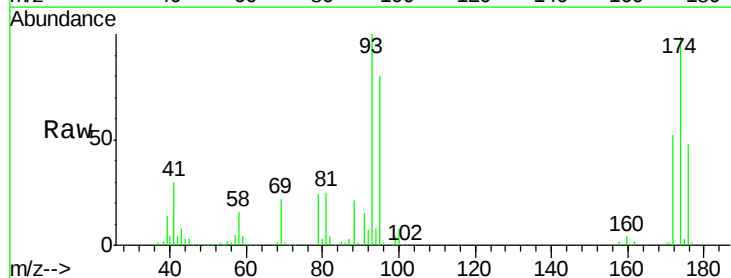
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

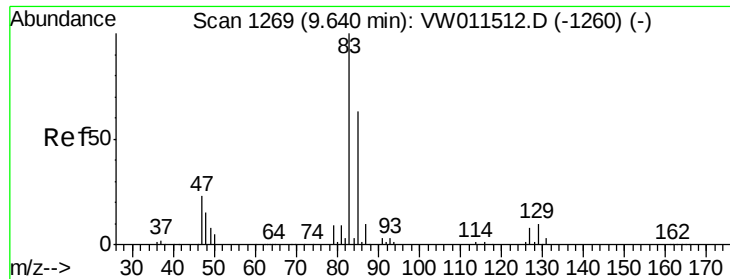
Tot Ion: 63 Resp: 164315
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.2 36.4



#46
 Dibromomethane
 Concen: 53.542 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012074.D
 Acq: 21 Aug 2019 16:16

Tgt Ion: 93 Resp: 73783
 Ion Ratio Lower Upper
 93 100
 95 81.4 66.2 99.2
 174 98.0 78.2 117.4





#47

Bromodichloromethane

Concen: 54.465 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW012074.D

Acq: 21 Aug 2019 16:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

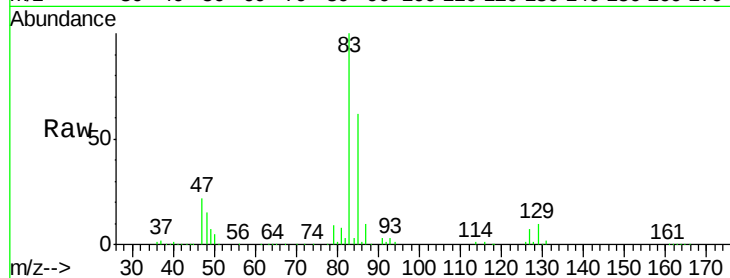
Tot Ion: 83 Resp: 196878

Ion Ratio Lower Upper

83 100

85 62.0 50.5 75.7

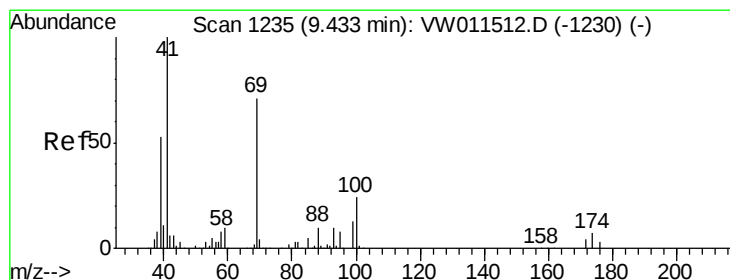
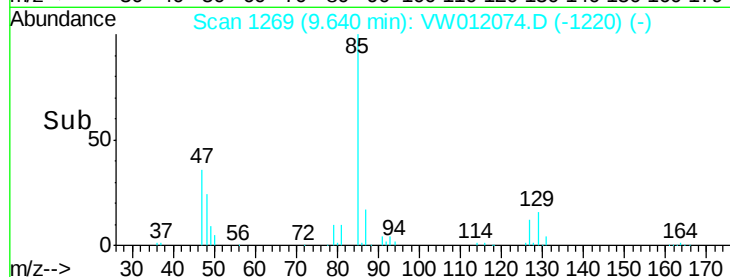
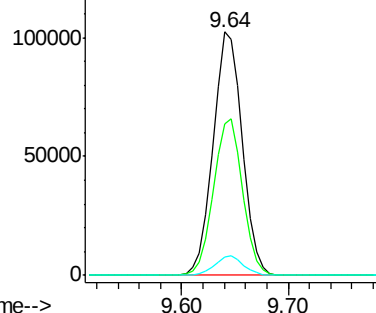
127 7.4 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 54.061 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW012074.D

Acq: 21 Aug 2019 16:16

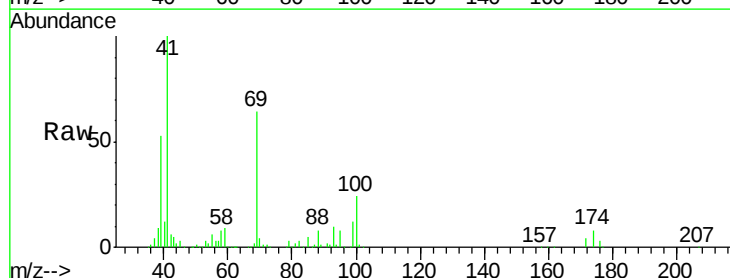
Tgt Ion: 41 Resp: 110690

Ion Ratio Lower Upper

41 100

69 71.5 57.1 85.7

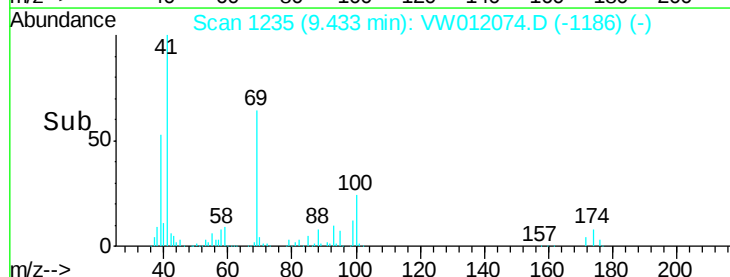
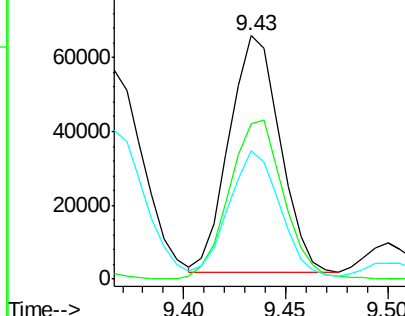
39 52.6 45.4 68.2

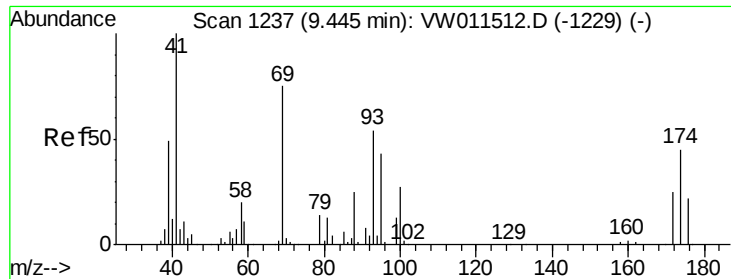


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

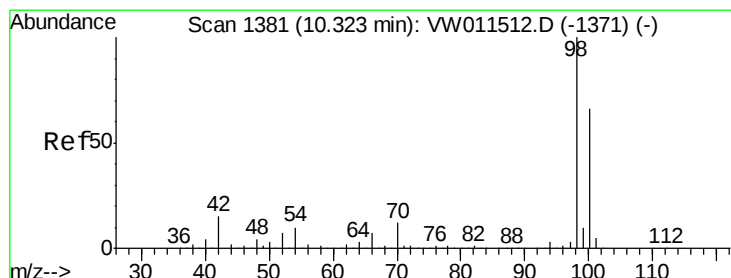
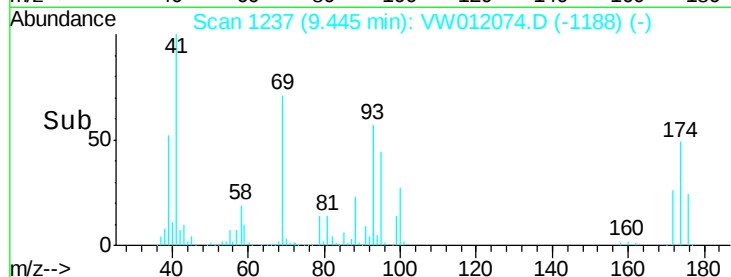
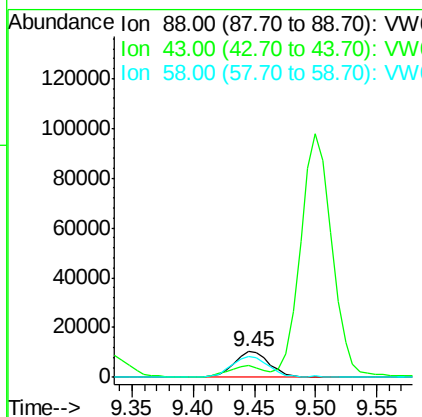
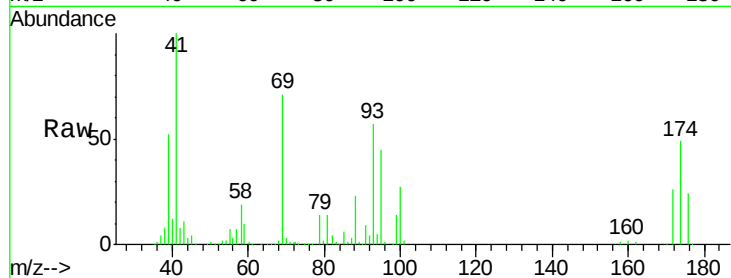




#49
1,4-Dioxane
Concen: 1063.349 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW012074.D
Acq: 21 Aug 2019 16:16

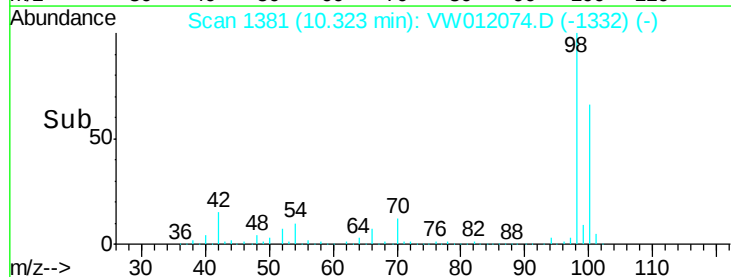
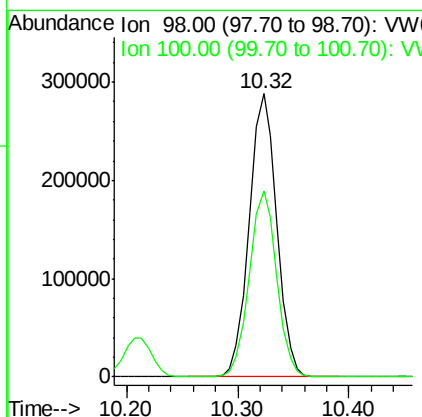
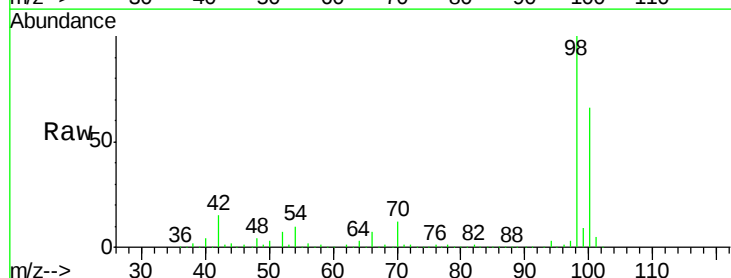
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 21217
Ion Ratio Lower Upper
88 100
43 43.4 34.0 51.0
58 87.1 69.7 104.5



#50
Toluene-d8
Concen: 55.658 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012074.D
Acq: 21 Aug 2019 16:16

Tgt Ion: 98 Resp: 495299
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 266.597 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW012074.D

Acq: 21 Aug 2019 16:16

Instrument :

MSVOA_W

ClientSampleId :

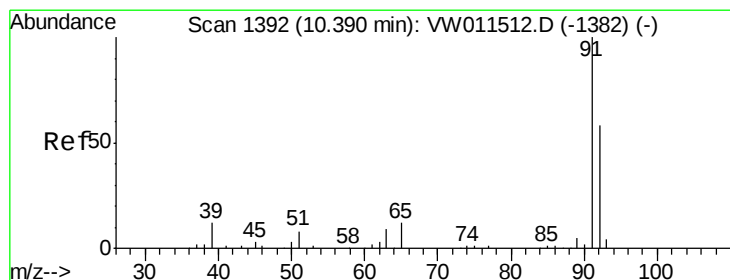
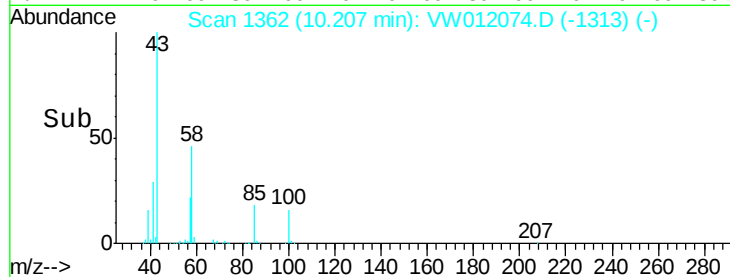
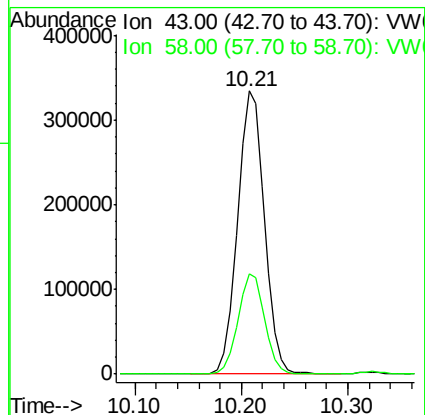
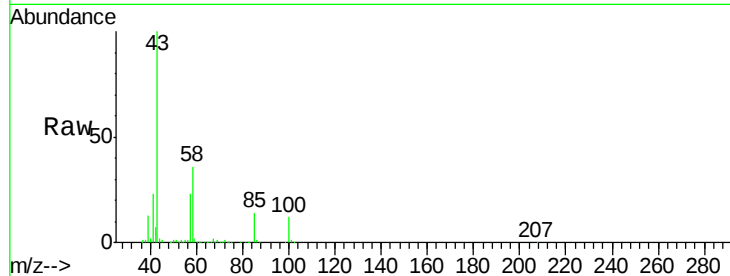
VSTDCCC050

Tot Ion: 43 Resp: 591070

Ion Ratio Lower Upper

43 100

58 35.3 28.2 42.2



#52

Toluene

Concen: 55.154 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW012074.D

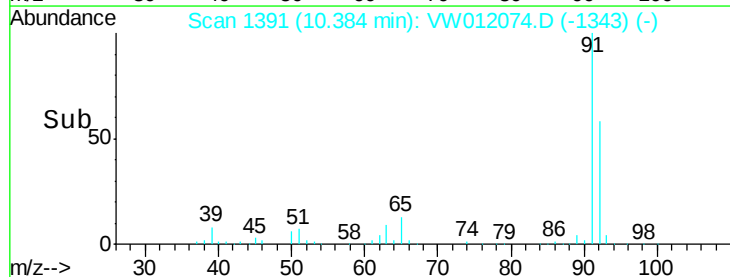
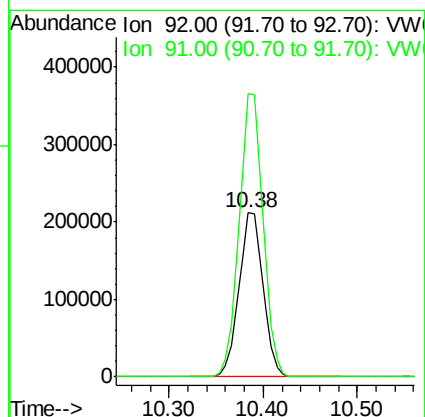
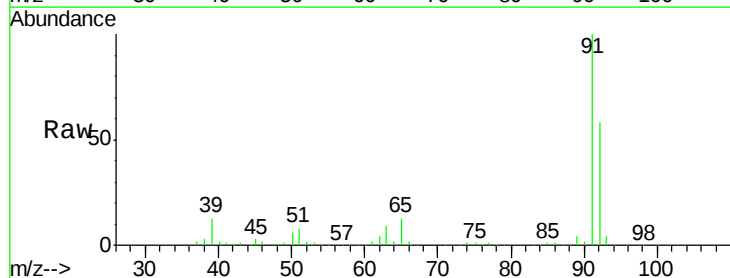
Acq: 21 Aug 2019 16:16

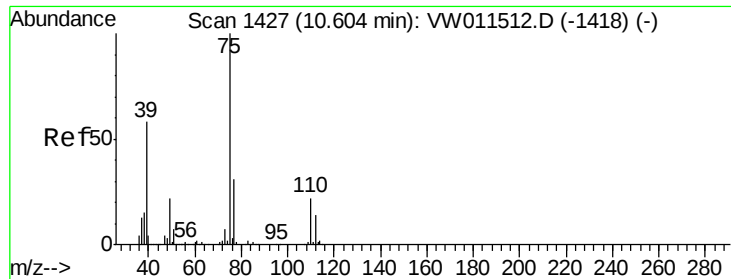
Tgt Ion: 92 Resp: 375843

Ion Ratio Lower Upper

92 100

91 171.5 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 54.214 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012074.D

Acq: 21 Aug 2019 16:16

Instrument :

MSVOA_W

ClientSampled :

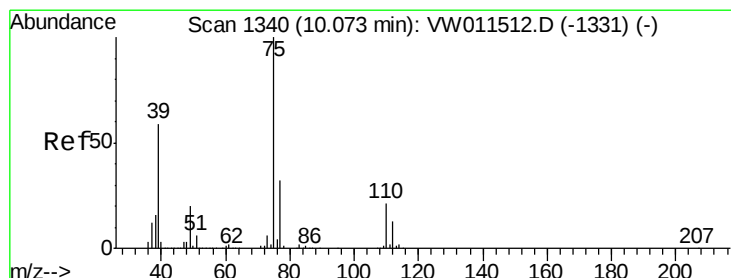
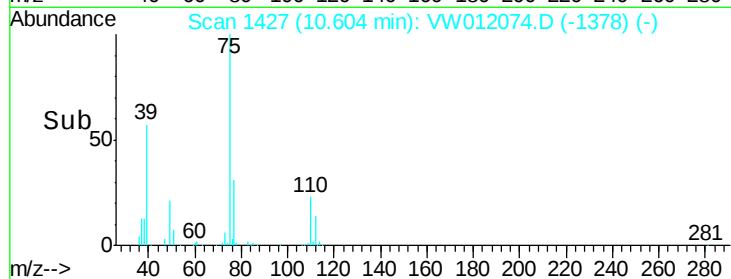
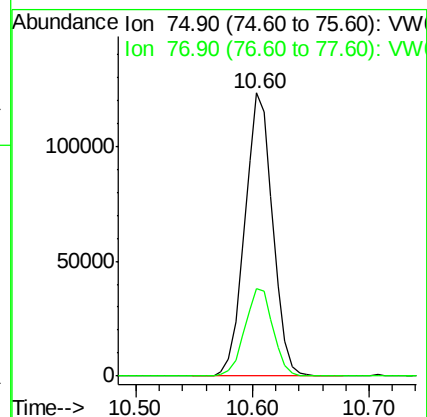
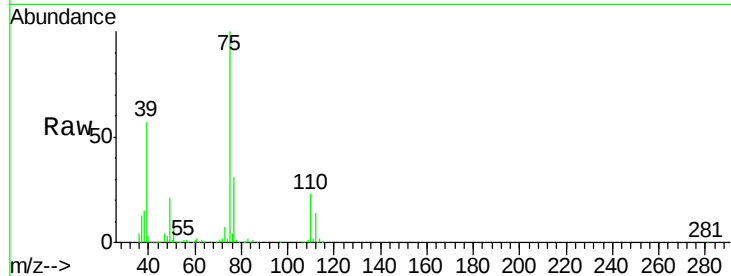
VSTDCCC050

Tot Ion: 75 Resp: 204714

Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 54.874 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012074.D

Acq: 21 Aug 2019 16:16

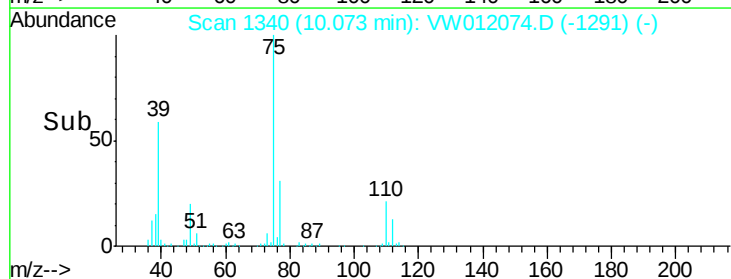
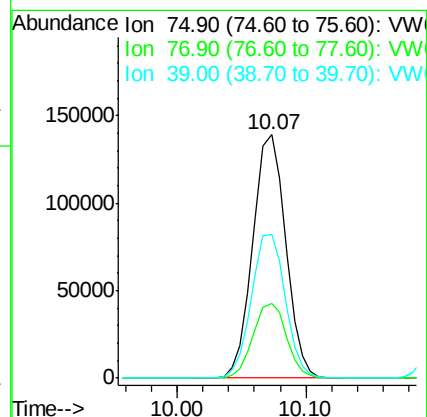
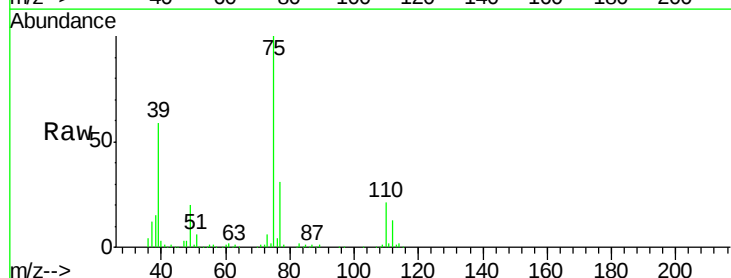
Tgt Ion: 75 Resp: 246364

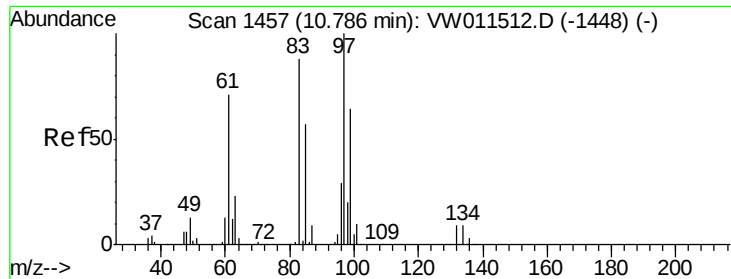
Ion Ratio Lower Upper

75 100

77 30.9 25.6 38.4

39 59.0 47.0 70.4

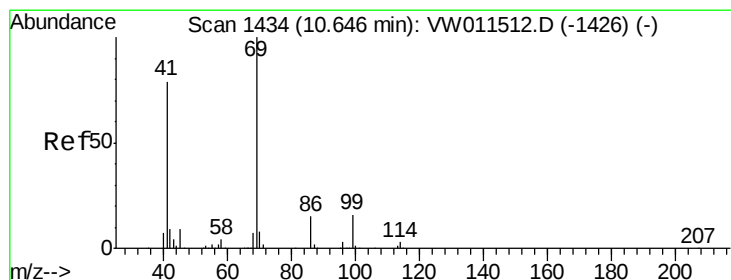
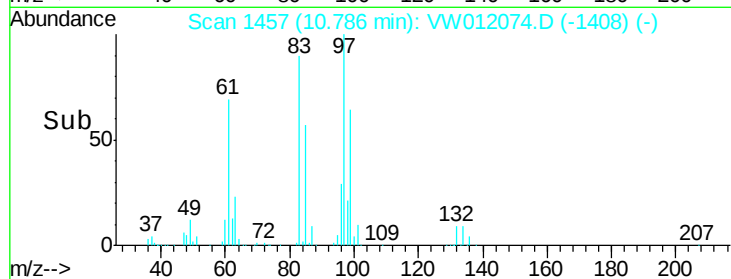
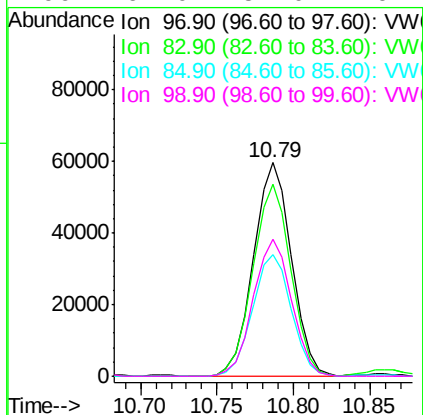
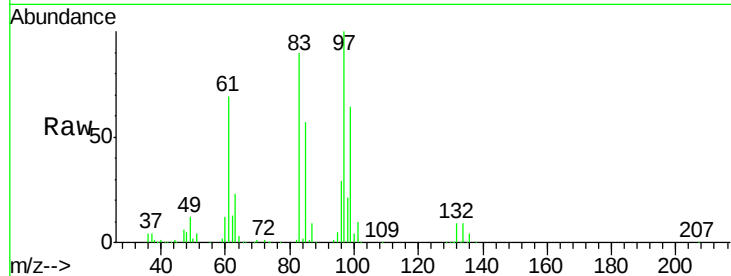




#55
 1,1,2-Trichloroethane
 Concen: 52.725 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012074.D
 Acq: 21 Aug 2019 16:16

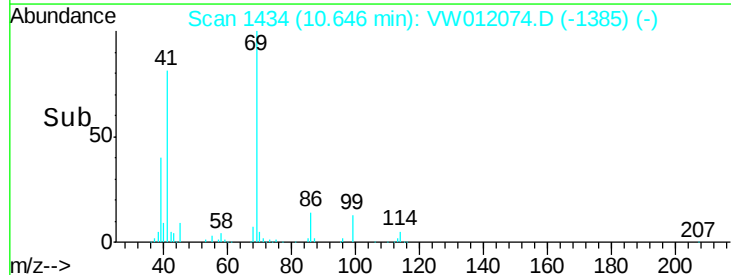
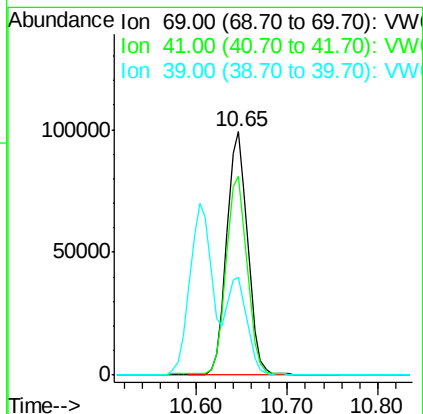
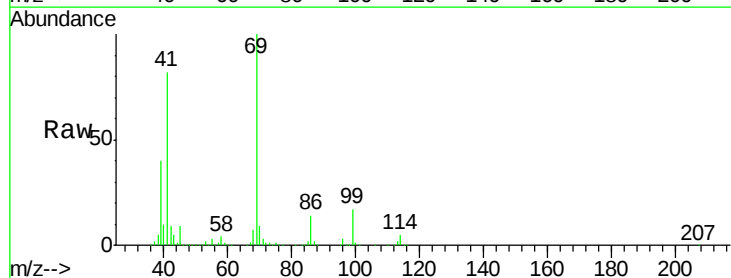
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

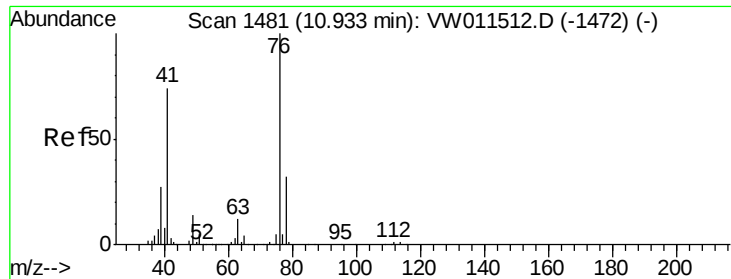
Tot Ion:	97	Resp:	103090
Ion	Ratio	Lower	Upper
97	100		
83	90.1	70.5	105.7
85	57.1	45.8	68.6
99	64.0	51.0	76.4



#56
 Ethyl methacrylate
 Concen: 55.754 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012074.D
 Acq: 21 Aug 2019 16:16

Tgt Ion:	69	Resp:	159518
Ion	Ratio	Lower	Upper
69	100		
41	81.2	66.6	99.8
39	37.3	30.3	45.5

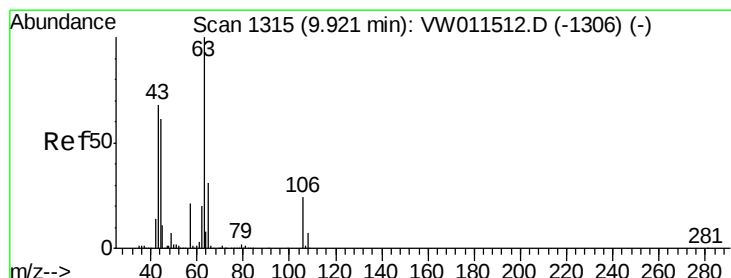
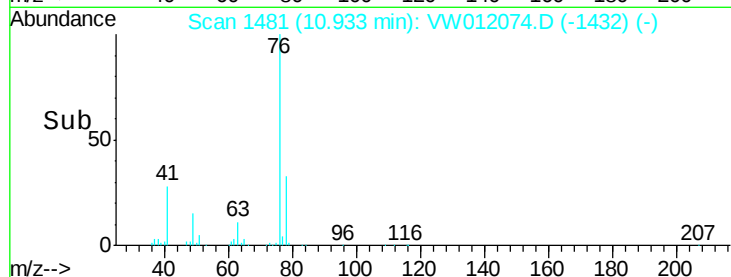
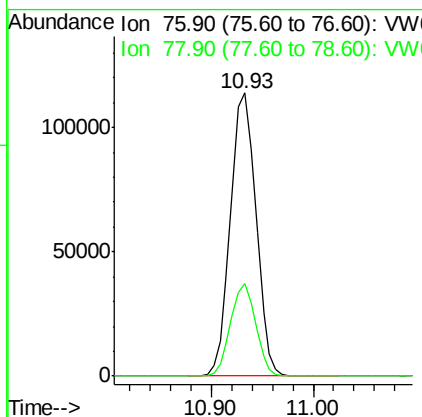
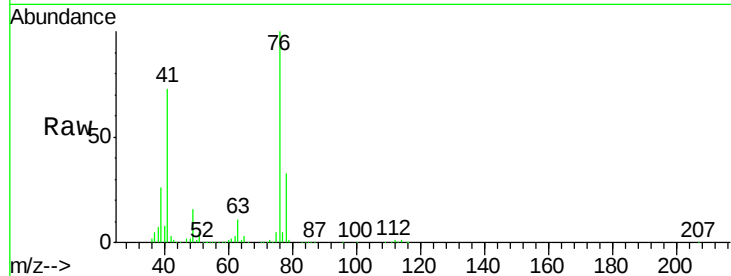




#57
 1,3-Dichloropropane
 Concen: 53.475 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012074.D
 Acq: 21 Aug 2019 16:16

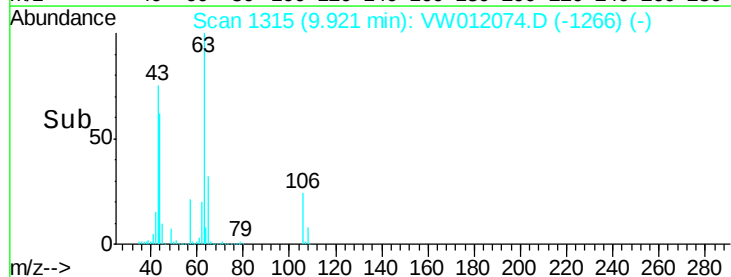
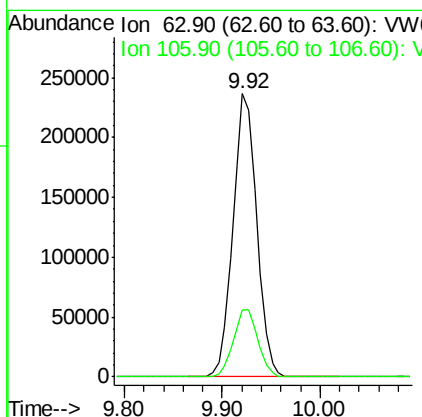
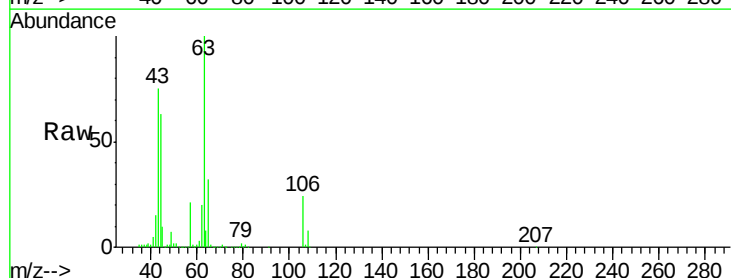
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 197807
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 306.213 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012074.D
 Acq: 21 Aug 2019 16:16

Tgt Ion: 63 Resp: 397789
 Ion Ratio Lower Upper
 63 100
 106 24.6 19.7 29.5

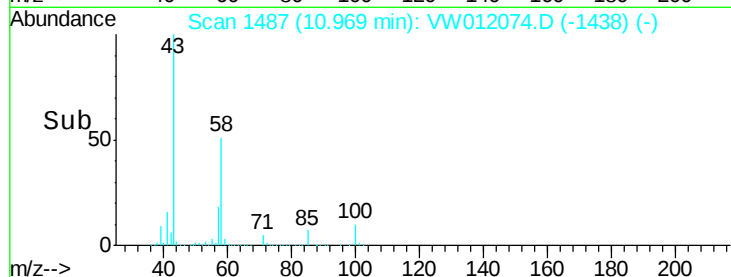
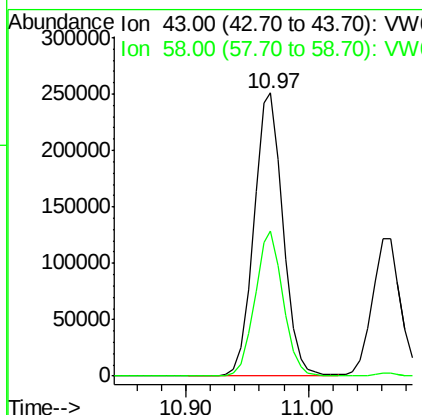
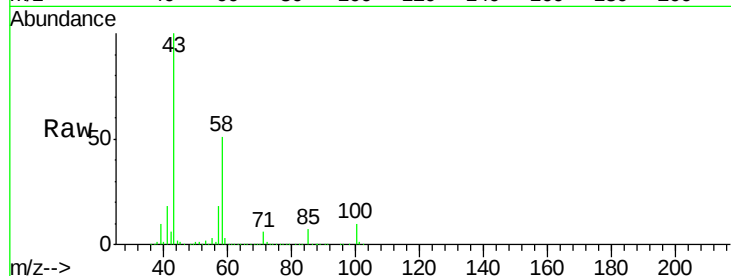




#59
2-Hexanone
Concen: 264.844 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012074.D
Acq: 21 Aug 2019 16:16

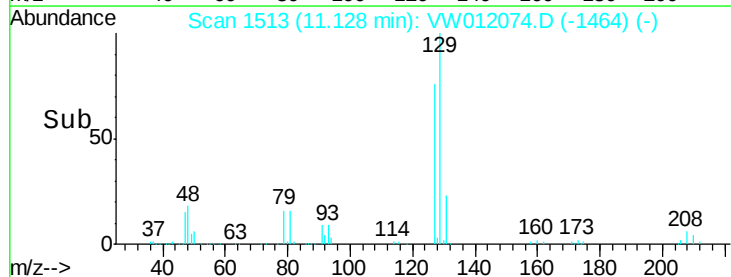
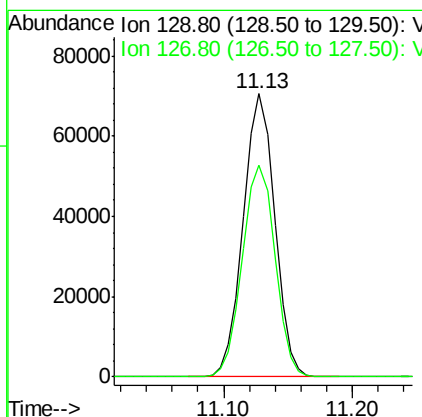
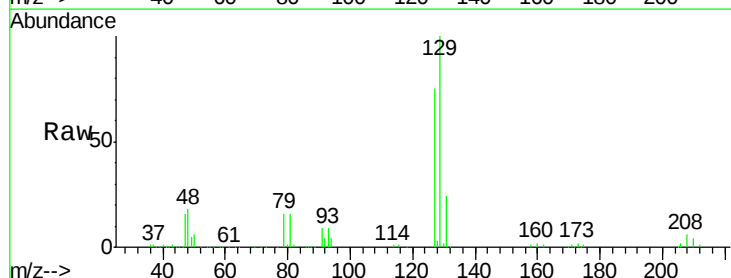
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 414589
Ion Ratio Lower Upper
43 100
58 49.6 24.3 72.9



#60
Dibromochloromethane
Concen: 55.176 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012074.D
Acq: 21 Aug 2019 16:16

Tgt Ion: 129 Resp: 119750
Ion Ratio Lower Upper
129 100
127 77.6 38.9 116.7

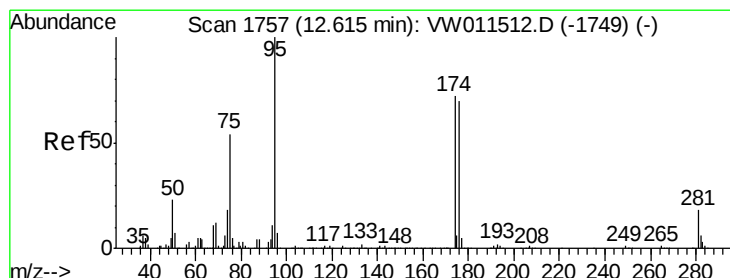
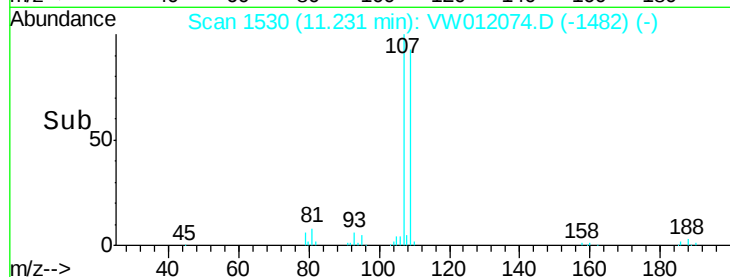
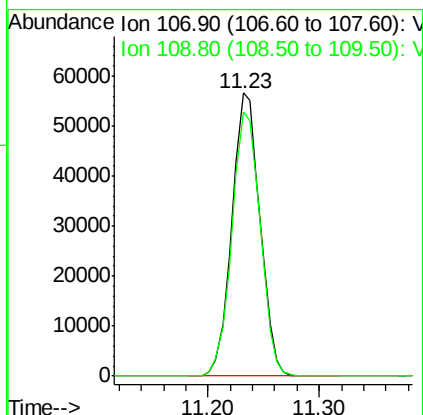
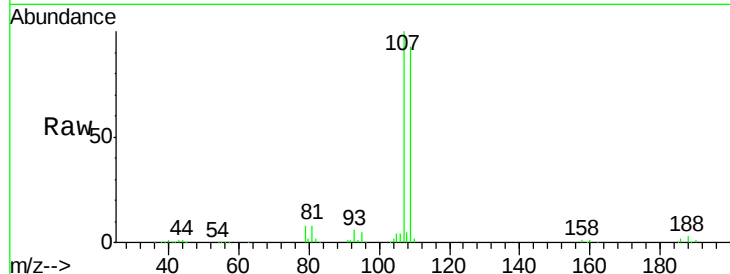




#61
 1,2-Dibromoethane
 Concen: 53.450 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW012074.D
 Acq: 21 Aug 2019 16:16

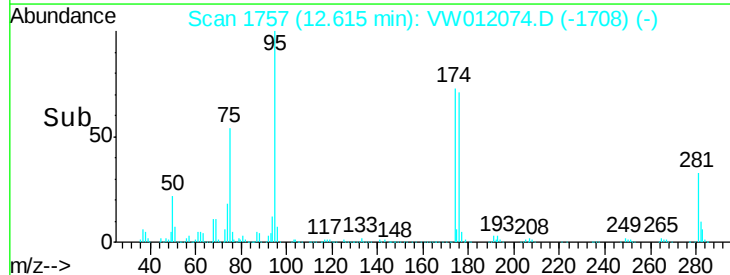
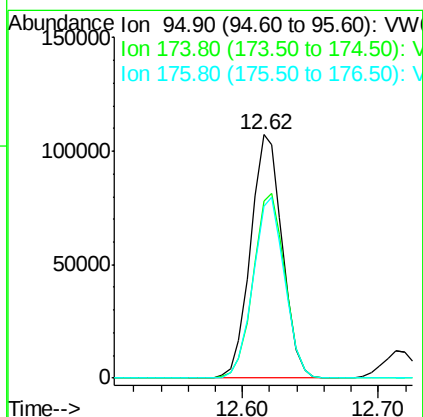
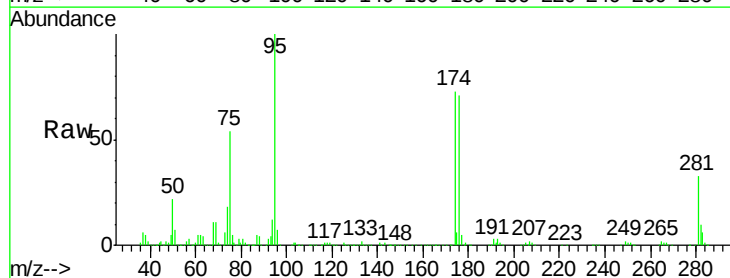
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

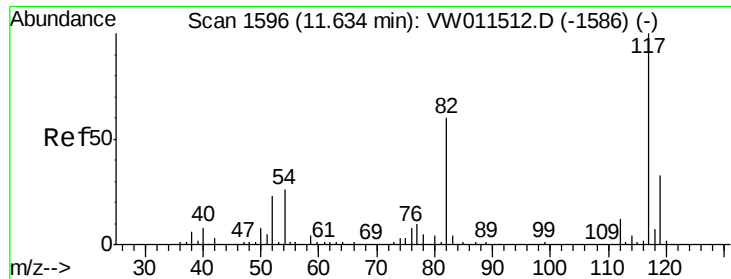
Tot Ion:107 Resp: 98899
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 55.297 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012074.D
 Acq: 21 Aug 2019 16:16

Tgt Ion: 95 Resp: 175438
 Ion Ratio Lower Upper
 95 100
 174 75.7 0.0 150.2
 176 73.7 0.0 144.4

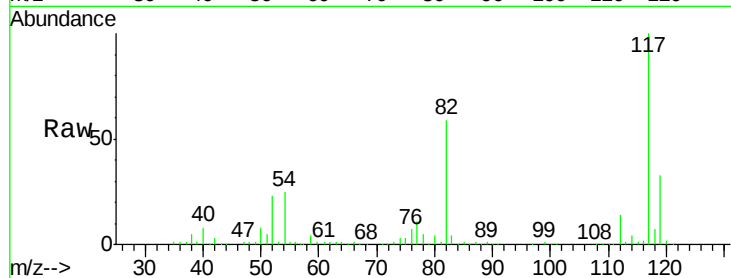




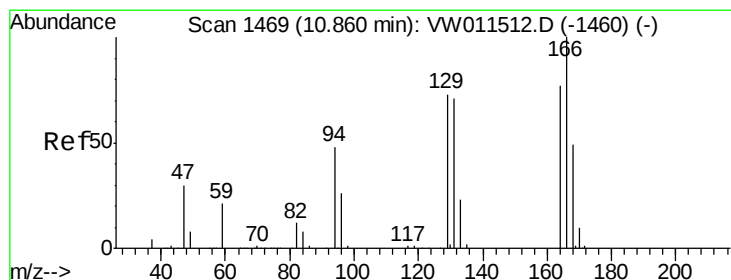
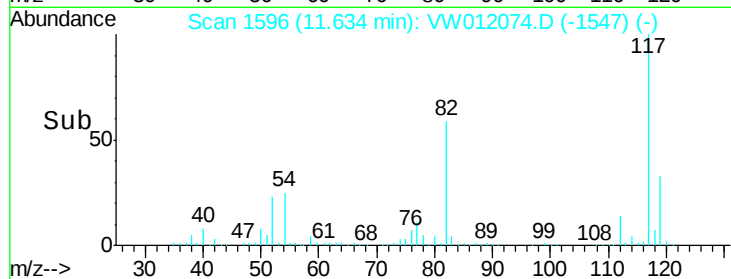
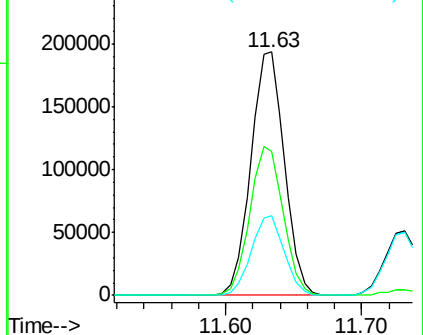
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012074.D
Acq: 21 Aug 2019 16:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 334543
Ion Ratio Lower Upper
117 100
82 58.9 47.9 71.9
119 32.8 26.2 39.2



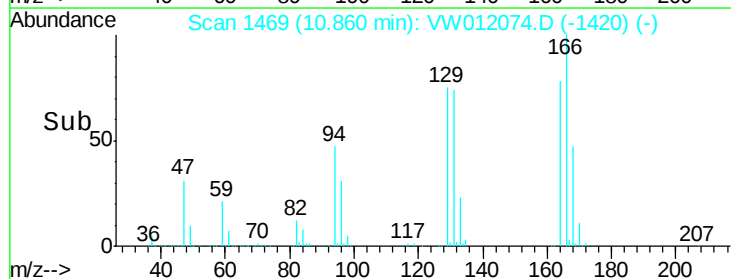
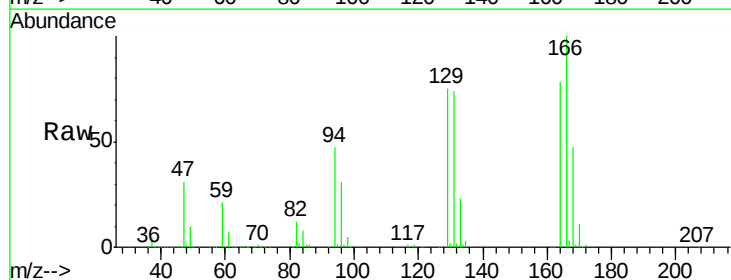
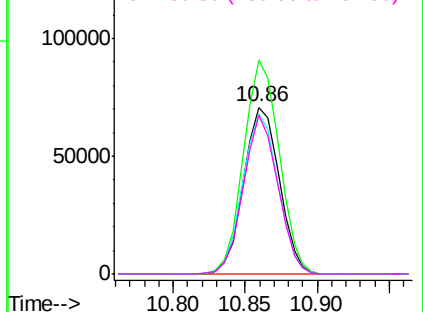
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 55.789 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012074.D
Acq: 21 Aug 2019 16:16

Tgt Ion:164 Resp: 121522
Ion Ratio Lower Upper
164 100
166 128.3 103.5 155.3
129 96.3 75.2 112.8
131 95.6 73.4 110.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

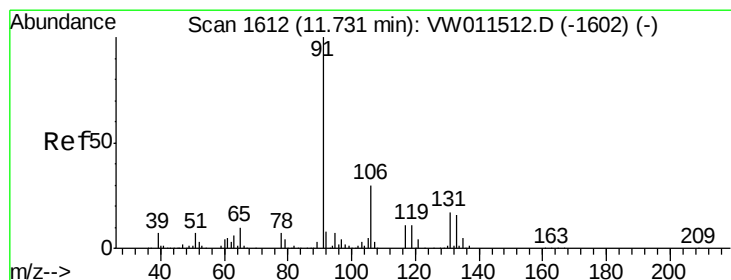
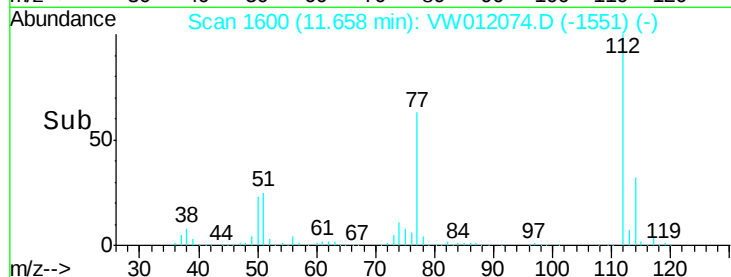
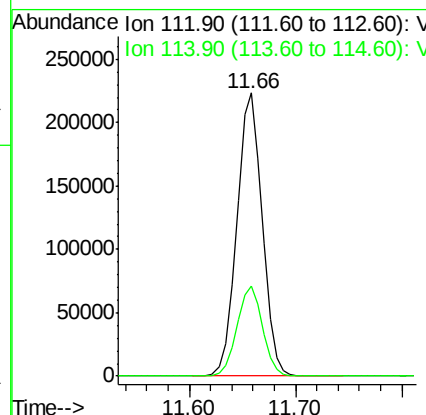
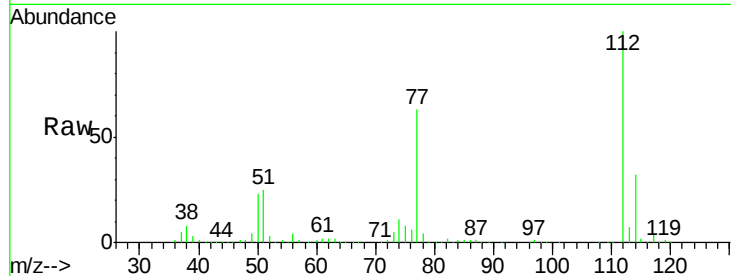




#65
Chlorobenzene
Concen: 55.397 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012074.D
Acq: 21 Aug 2019 16:16

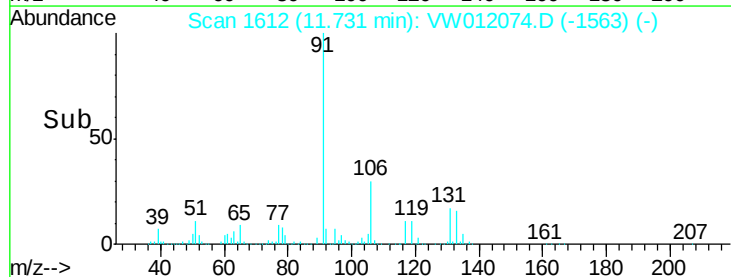
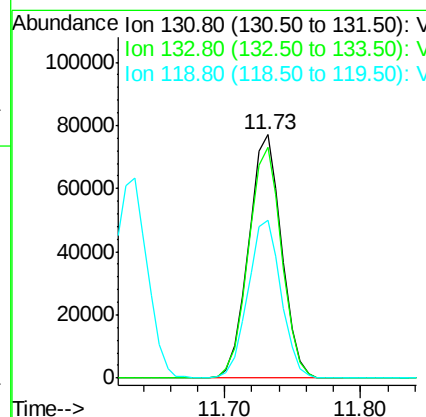
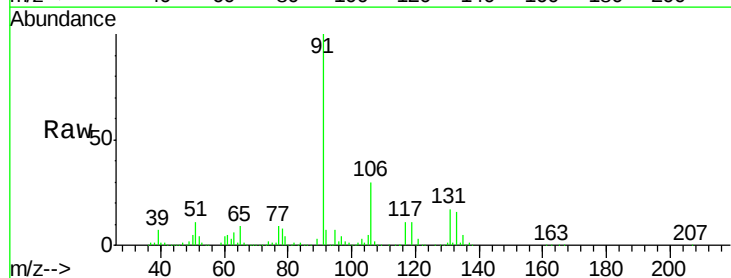
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 372592
Ion Ratio Lower Upper
112 100
114 31.8 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 55.785 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012074.D
Acq: 21 Aug 2019 16:16

Tgt Ion:131 Resp: 130691
Ion Ratio Lower Upper
131 100
133 95.5 47.4 142.2
119 65.3 32.3 96.9

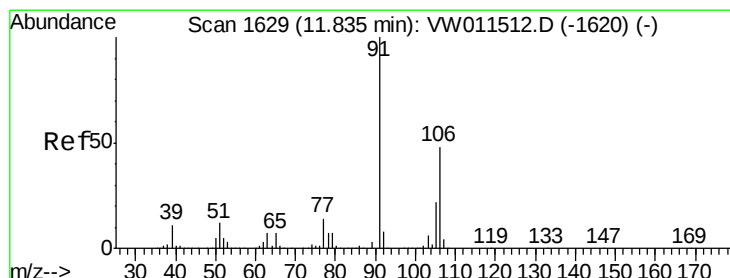
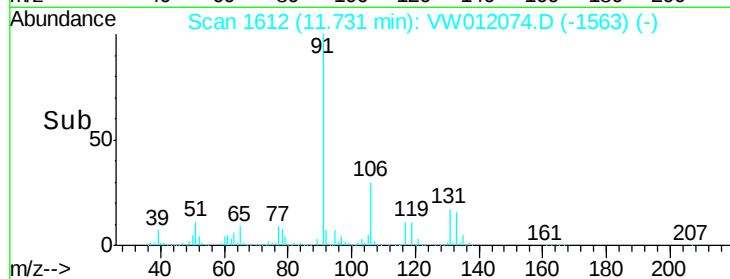
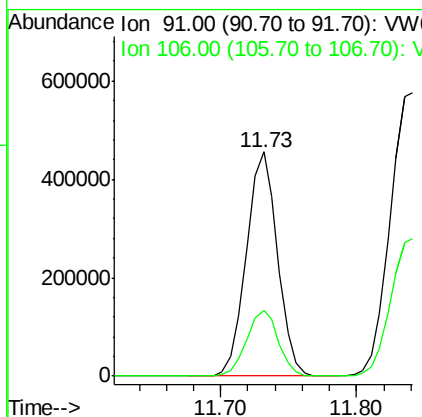
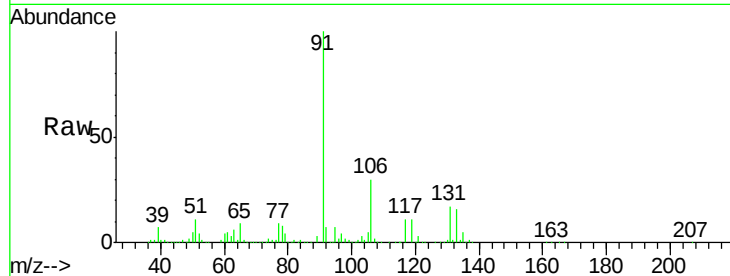




#67
Ethyl Benzene
Concen: 57.040 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012074.D
Acq: 21 Aug 2019 16:16

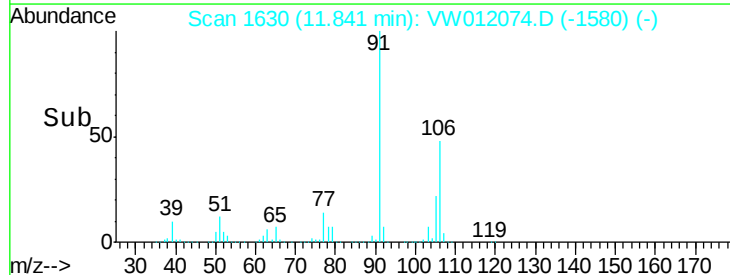
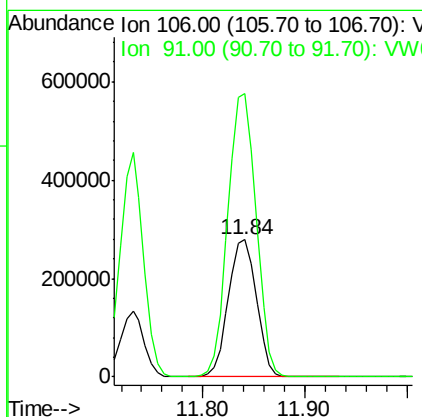
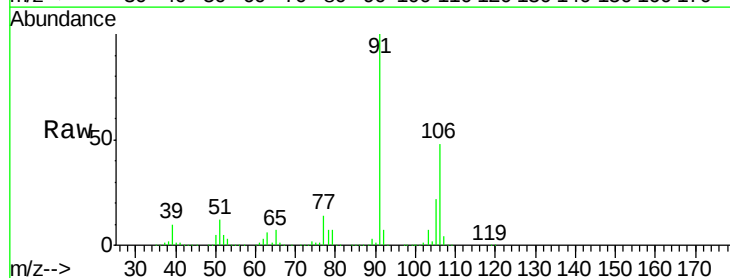
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

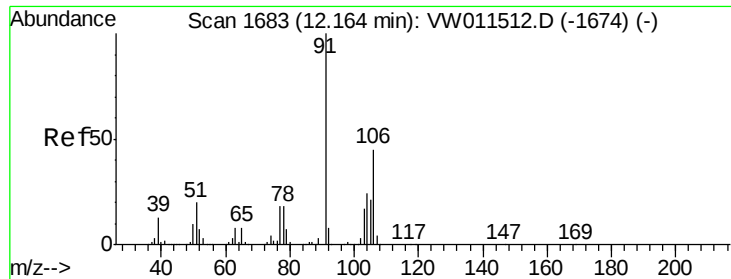
Tot Ion: 91 Resp: 730663
Ion Ratio Lower Upper
91 100
106 29.5 23.8 35.6



#68
m/p-Xylenes
Concen: 114.039 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW012074.D
Acq: 21 Aug 2019 16:16

Tgt Ion: 106 Resp: 531251
Ion Ratio Lower Upper
106 100
91 207.6 168.2 252.2

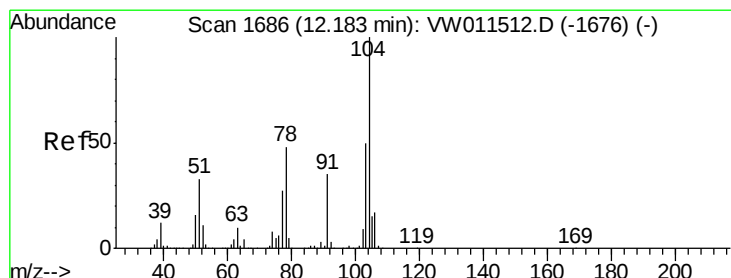
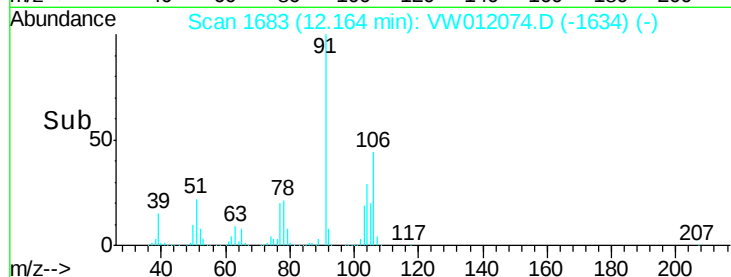
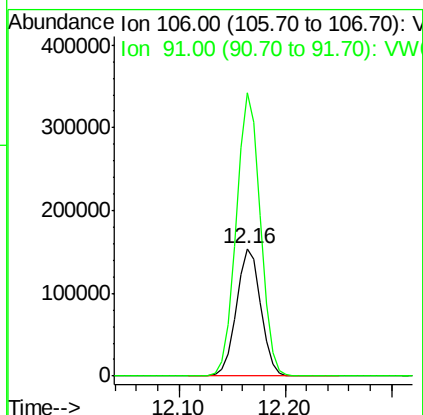
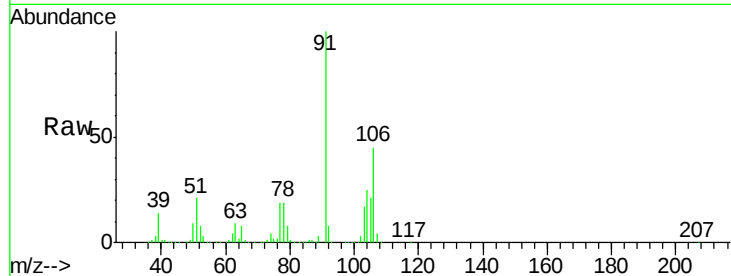




#69
o-Xylene
Concen: 56.970 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012074.D
Acq: 21 Aug 2019 16:16

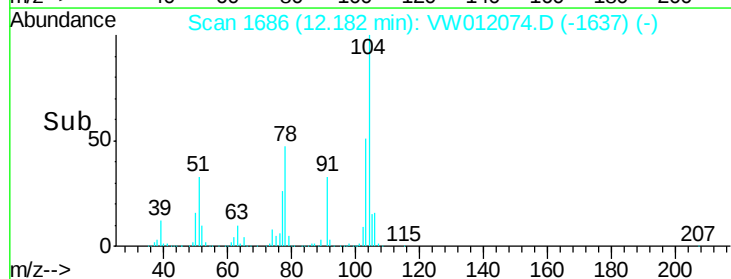
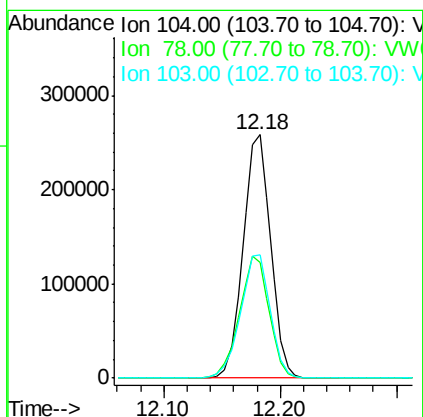
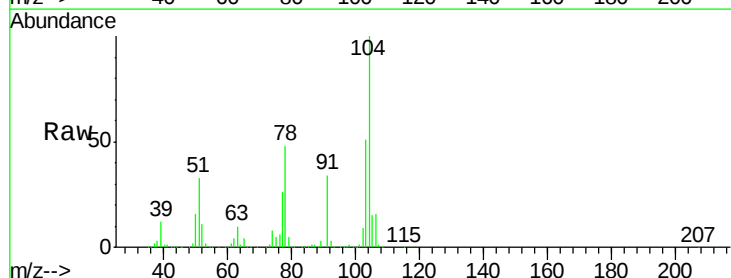
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

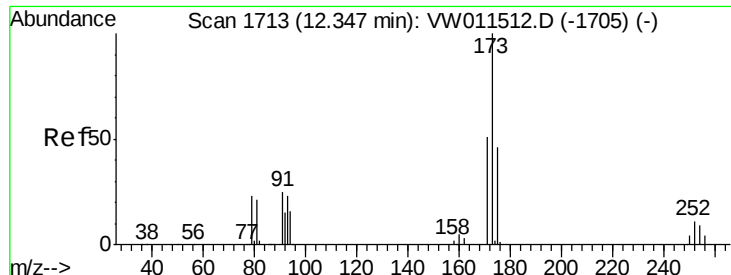
Tot Ion:106 Resp: 246621
Ion Ratio Lower Upper
106 100
91 220.5 110.5 331.5



#70
Styrene
Concen: 57.053 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012074.D
Acq: 21 Aug 2019 16:16

Tgt Ion:104 Resp: 427035
Ion Ratio Lower Upper
104 100
78 53.8 43.4 65.0
103 54.6 43.9 65.9

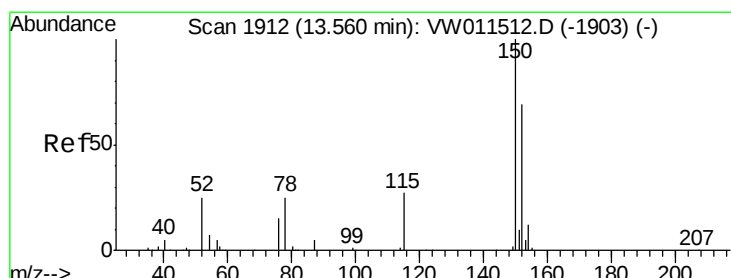
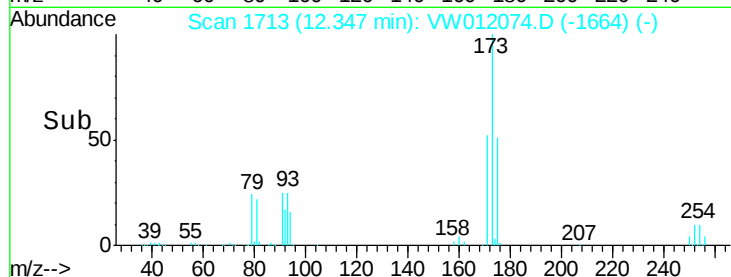
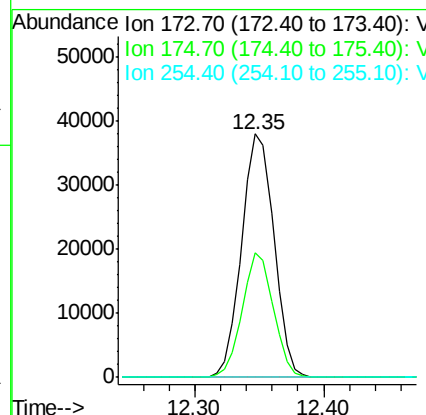
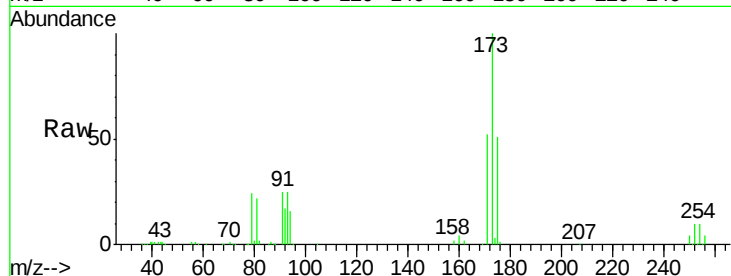




#71
Bromoform
Concen: 55.299 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW012074.D
Acq: 21 Aug 2019 16:16

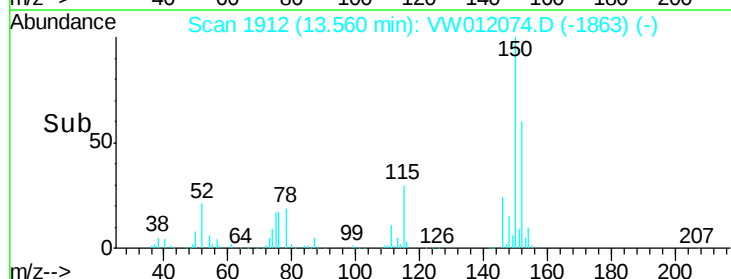
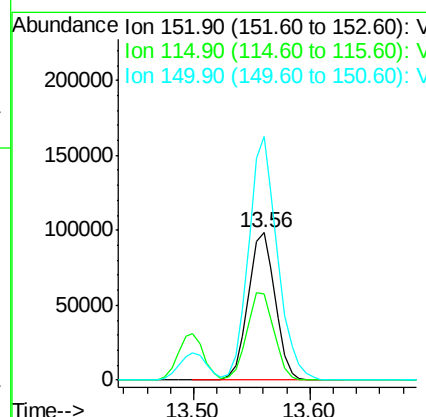
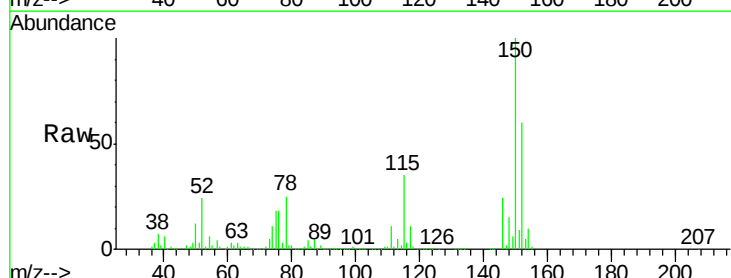
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

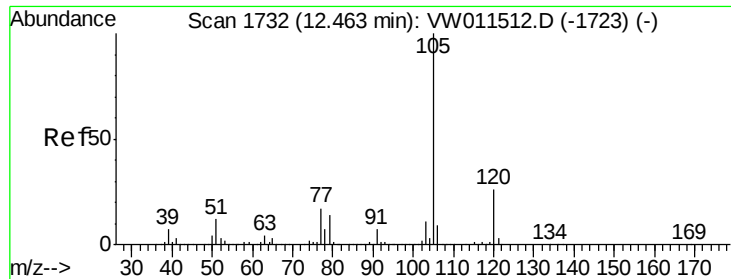
Tot Ion:173 Resp: 66055
Ion Ratio Lower Upper
173 100
175 49.3 23.6 71.0
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012074.D
Acq: 21 Aug 2019 16:16

Tgt Ion:152 Resp: 159565
Ion Ratio Lower Upper
152 100
115 59.6 30.5 91.5
150 175.6 0.0 352.6





#73

Isopropylbenzene

Concen: 57.831 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012074.D

Acq: 21 Aug 2019 16:16

Instrument :

MSVOA_W

ClientSampleId :

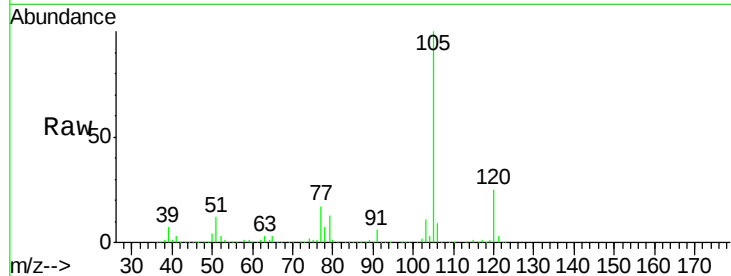
VSTDCCC050

Tot Ion:105 Resp: 688418

Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

400000

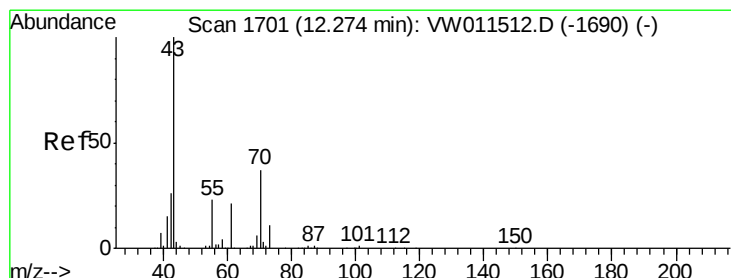
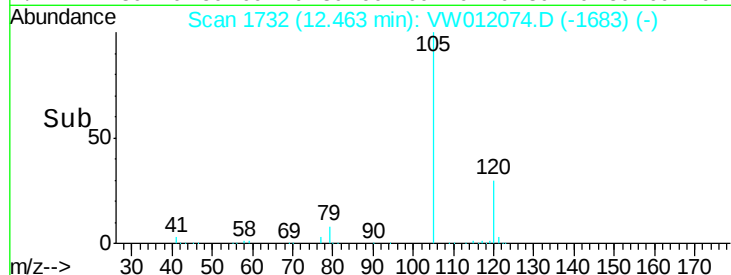
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 57.207 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012074.D

Acq: 21 Aug 2019 16:16

Tgt Ion: 43 Resp: 213201

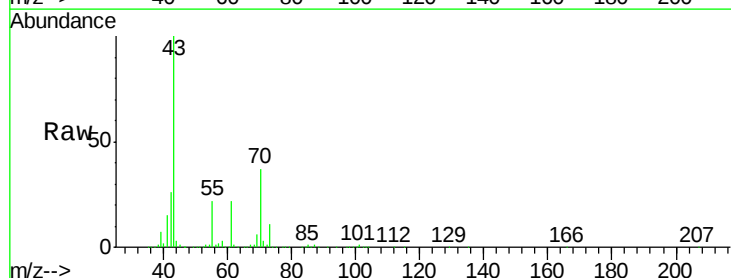
Ion Ratio Lower Upper

43 100

70 36.1 28.6 43.0

55 22.5 17.8 26.8

61 21.5 17.0 25.6



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

12.27

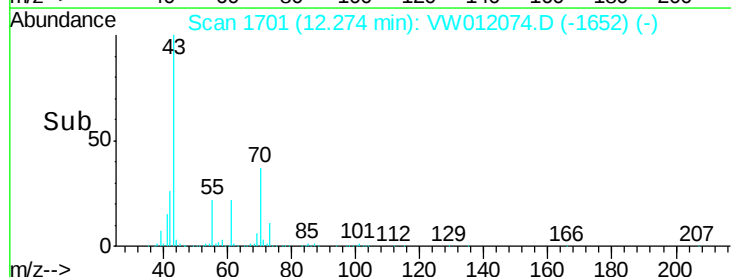
150000

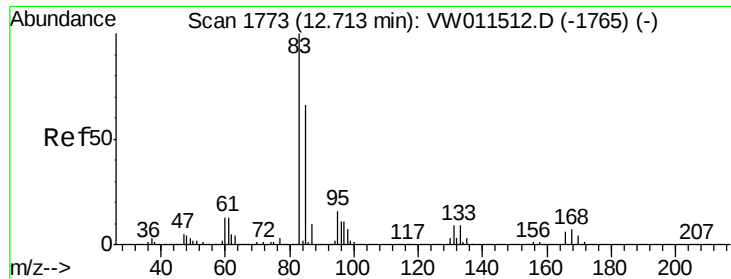
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 55.631 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012074.D

Acq: 21 Aug 2019 16:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

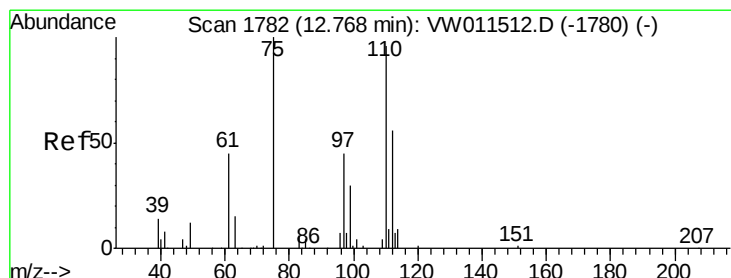
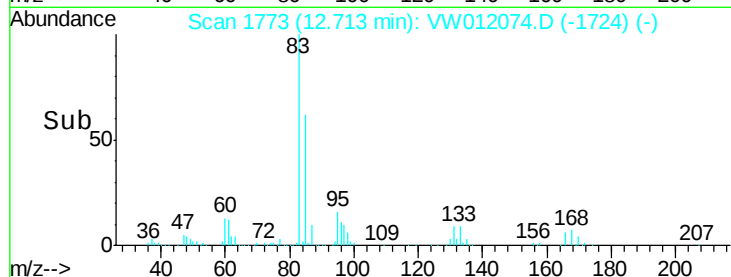
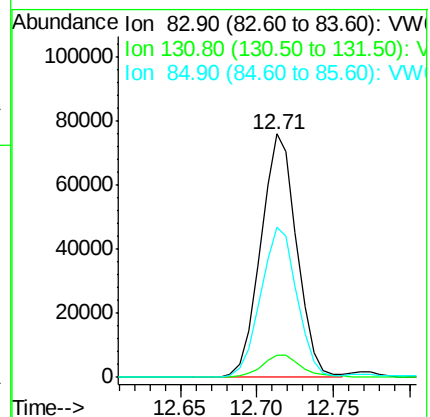
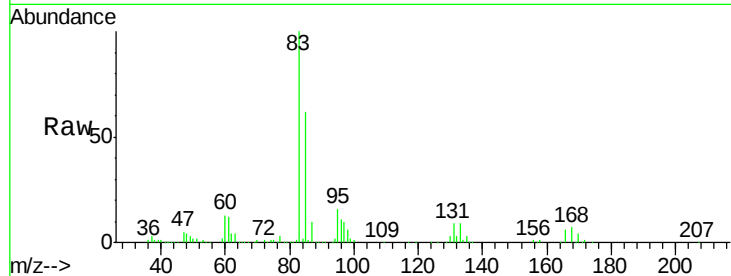
Tot Ion: 83 Resp: 124565

Ion Ratio Lower Upper

83 100

131 10.1 4.9 14.6

85 62.3 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 50.798 ug/l m

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012074.D

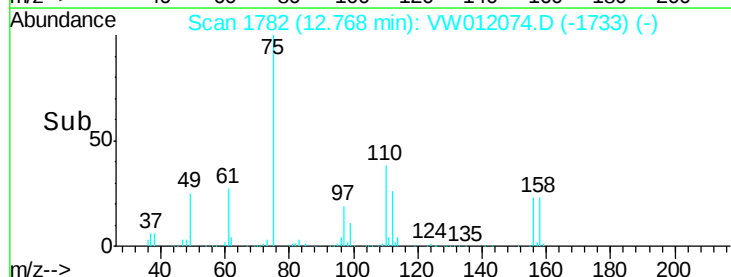
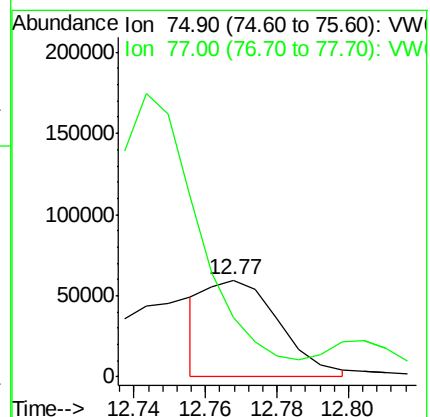
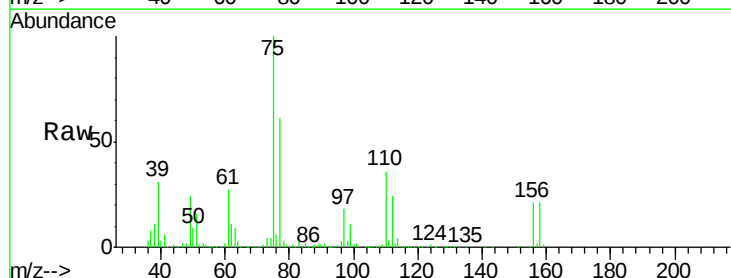
Acq: 21 Aug 2019 16:16

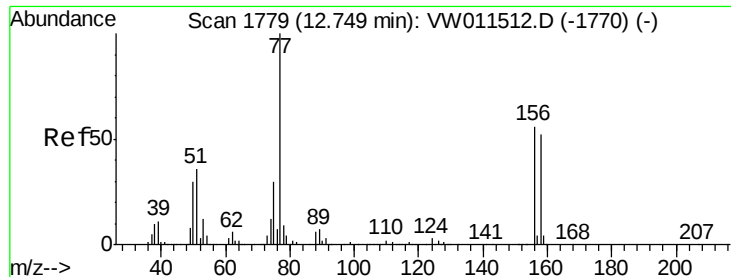
Tgt Ion: 75 Resp: 85766

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 55.619 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012074.D

Acq: 21 Aug 2019 16:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

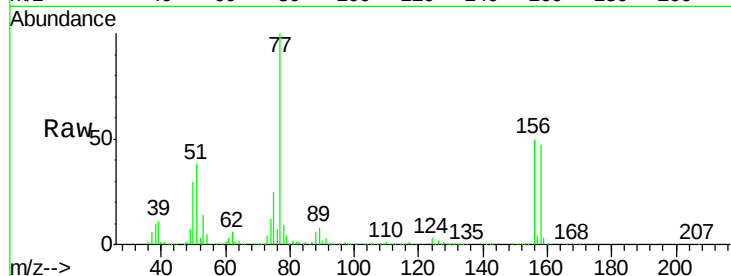
Tot Ion:156 Resp: 146342

Ion Ratio Lower Upper

156 100

77 214.4 106.5 319.4

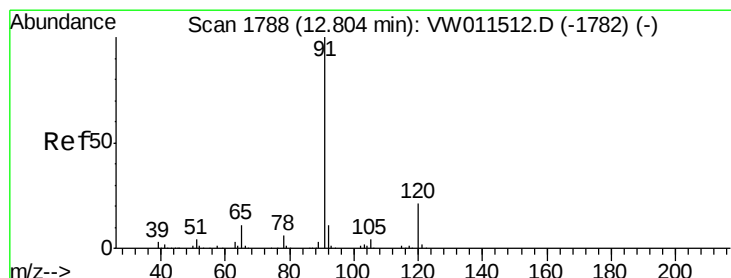
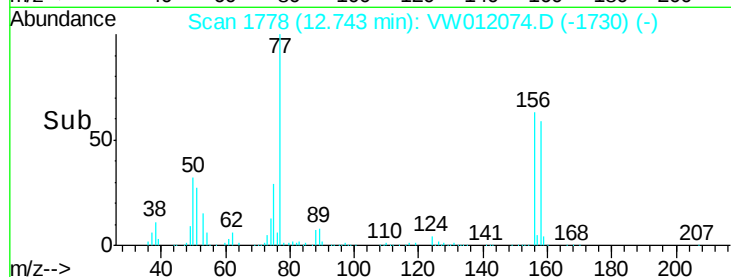
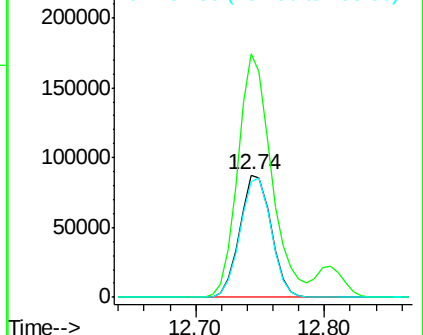
158 97.6 48.0 144.2



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: 58.329 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012074.D

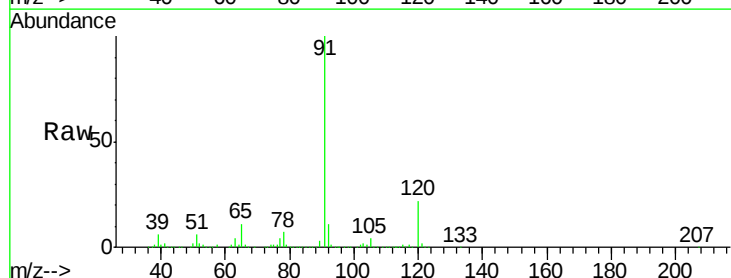
Acq: 21 Aug 2019 16:16

Tgt Ion: 91 Resp: 845021

Ion Ratio Lower Upper

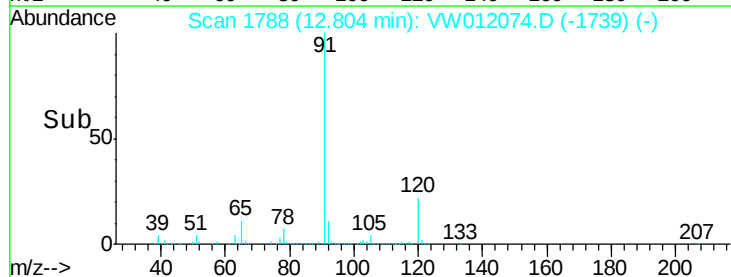
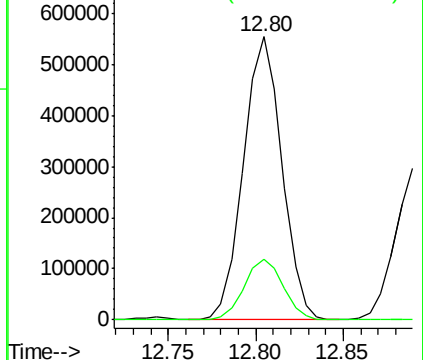
91 100

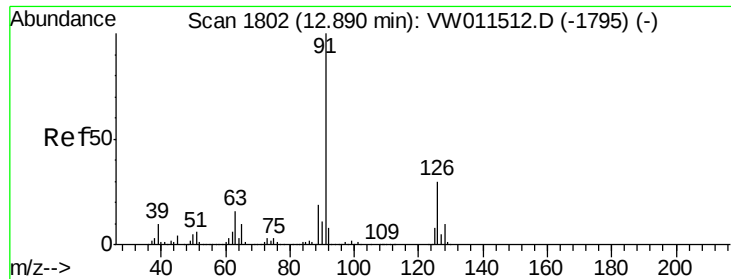
120 21.7 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 56.529 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012074.D

Acq: 21 Aug 2019 16:16

Instrument :

MSVOA_W

ClientSampleId :

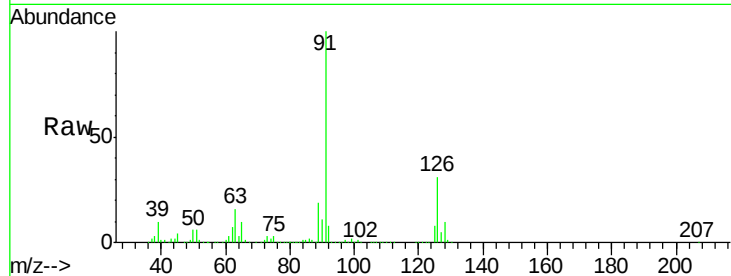
VSTDCCC050

Tot Ion: 91 Resp: 471798

Ion Ratio Lower Upper

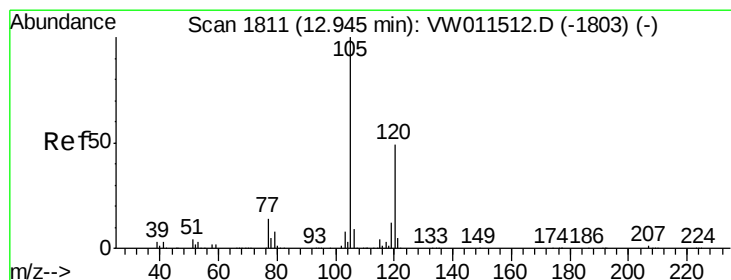
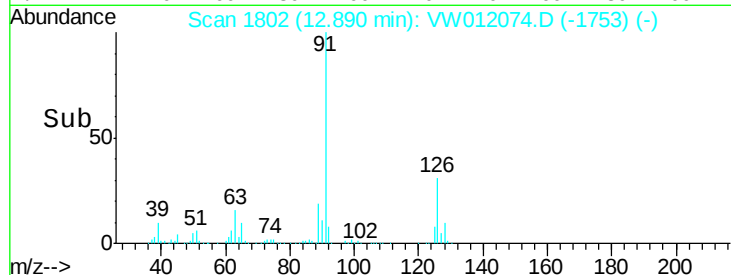
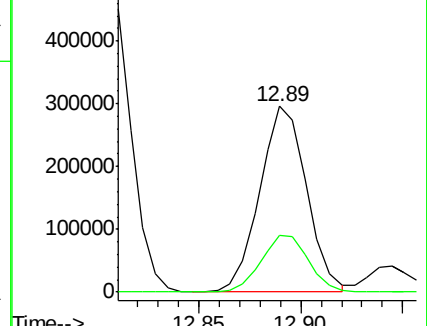
91 100

126 31.2 15.7 47.1



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: 57.919 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012074.D

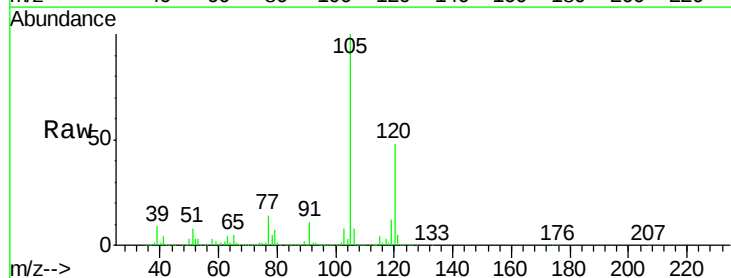
Acq: 21 Aug 2019 16:16

Tgt Ion:105 Resp: 577941

Ion Ratio Lower Upper

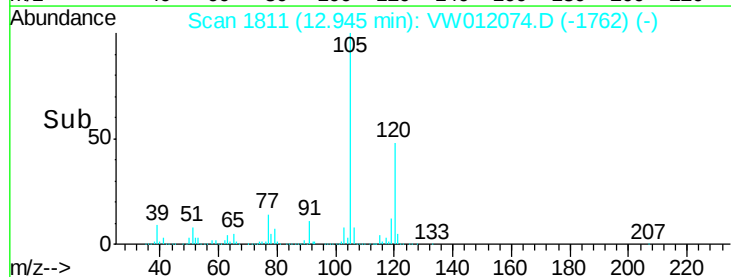
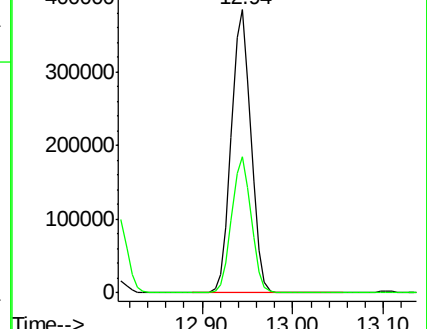
105 100

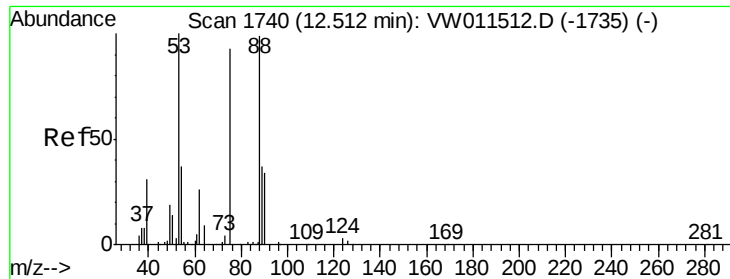
120 48.0 24.1 72.3



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: 57.610 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012074.D

Acq: 21 Aug 2019 16:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

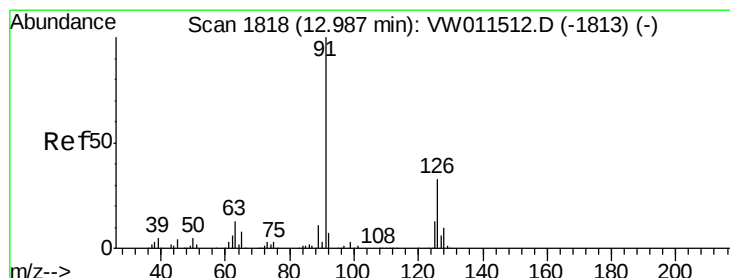
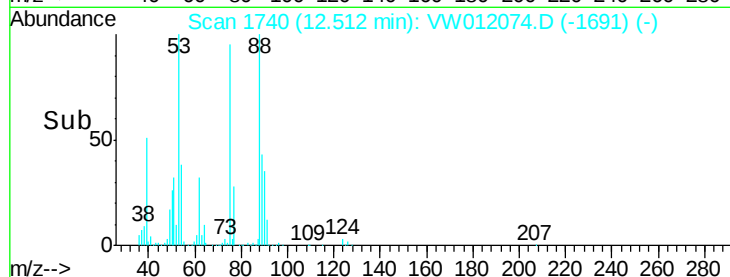
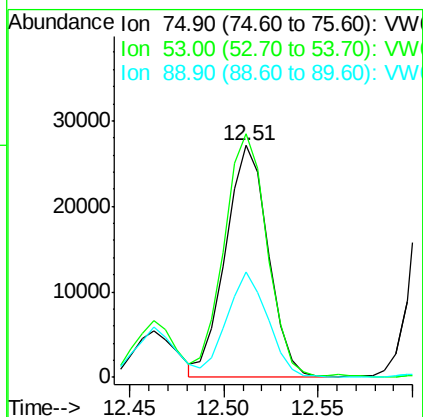
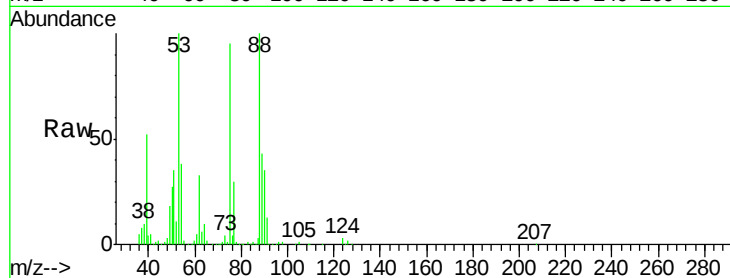
Tot Ion: 75 Resp: 42205

Ion Ratio Lower Upper

75 100

53 107.7 88.0 132.0

89 43.7 35.3 52.9



#82

4-Chlorotoluene

Concen: 56.468 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW012074.D

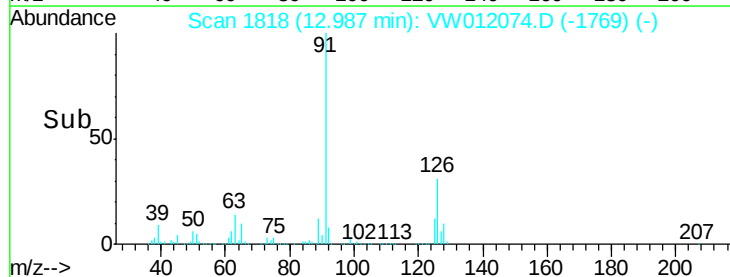
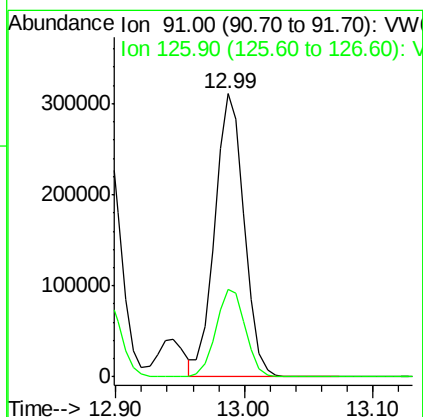
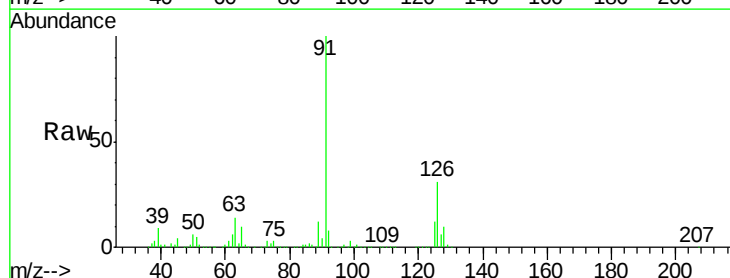
Acq: 21 Aug 2019 16:16

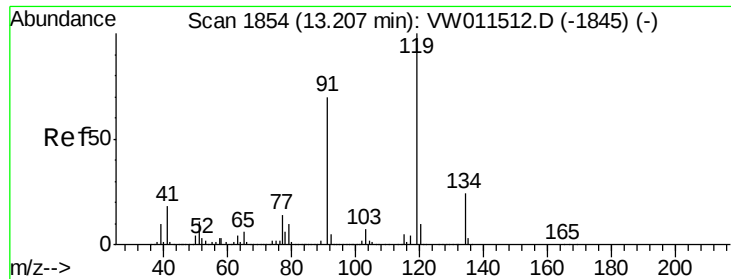
Tgt Ion: 91 Resp: 494479

Ion Ratio Lower Upper

91 100

126 31.2 15.6 46.8

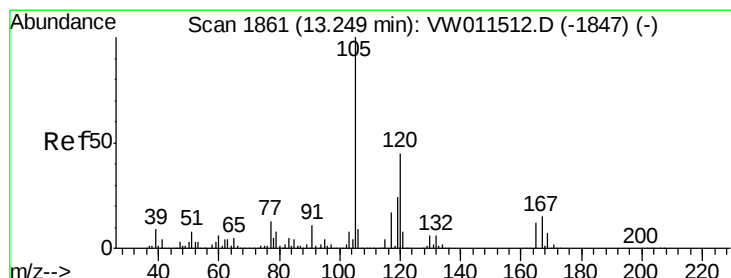
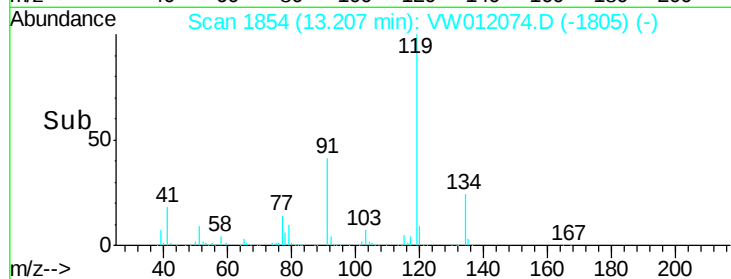
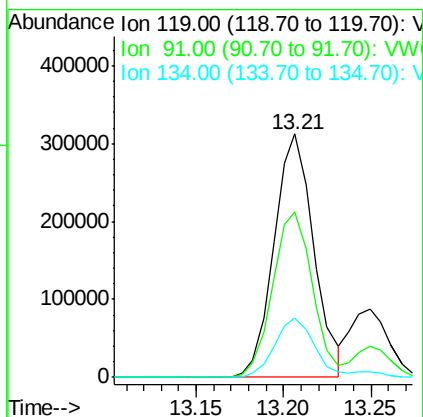
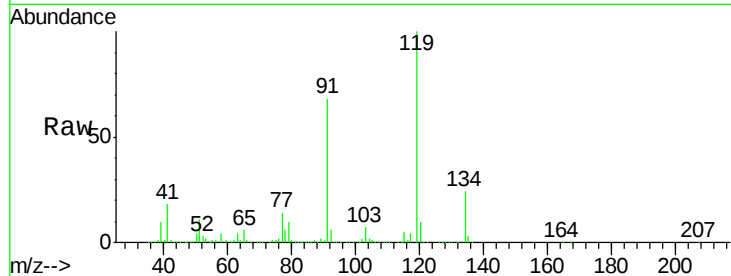




#83
 tert-Butylbenzene
 Concen: 59.505 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012074.D
 Acq: 21 Aug 2019 16:16

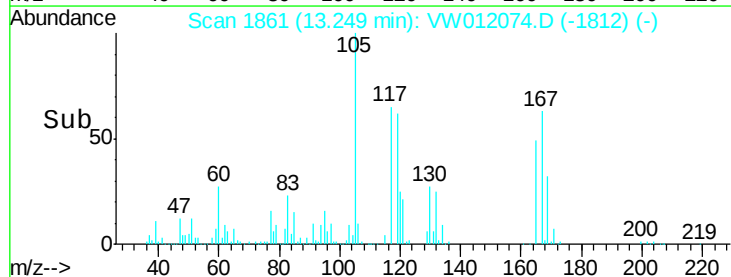
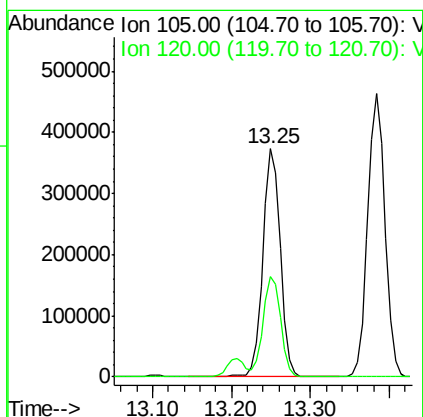
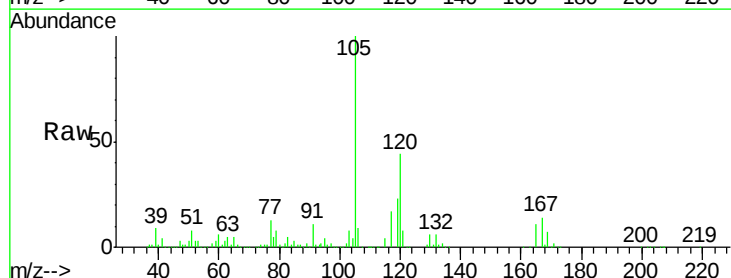
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

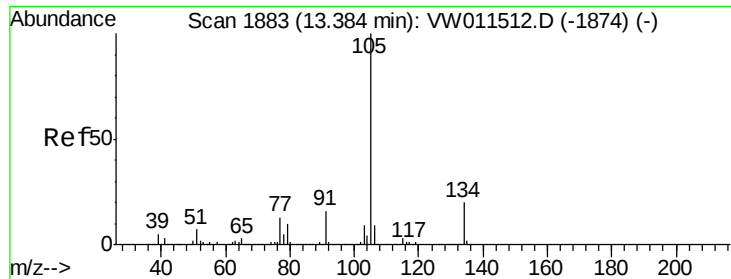
Tot Ion:119 Resp: 496539
 Ion Ratio Lower Upper
 119 100
 91 67.9 34.5 103.6
 134 24.6 12.4 37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 56.962 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012074.D
 Acq: 21 Aug 2019 16:16

Tgt Ion:105 Resp: 572571
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.1 66.5





#85

sec-Butylbenzene

Concen: 59.331 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW012074.D

Acq: 21 Aug 2019 16:16

Instrument :

MSVOA_W

ClientSampleId :

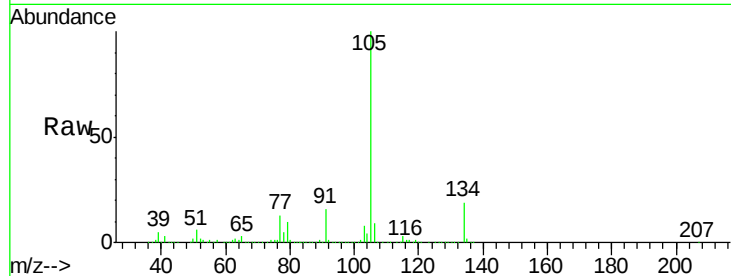
VSTDCCC050

Tot Ion:105 Resp: 706417

Ion Ratio Lower Upper

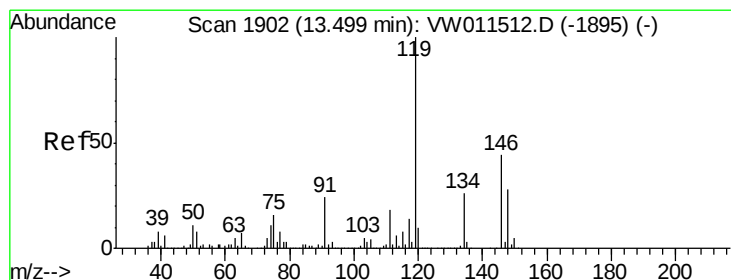
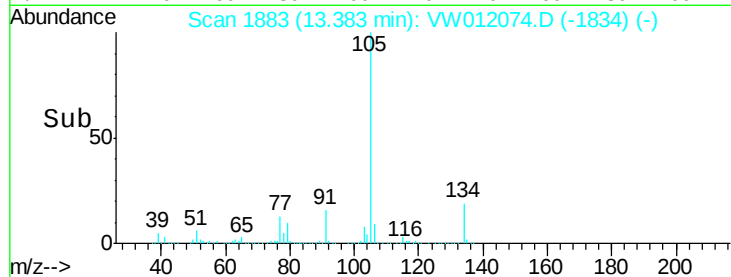
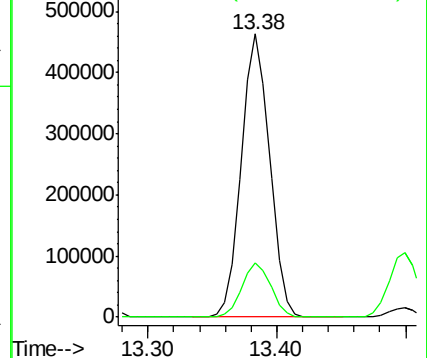
105 100

134 19.4 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 58.366 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012074.D

Acq: 21 Aug 2019 16:16

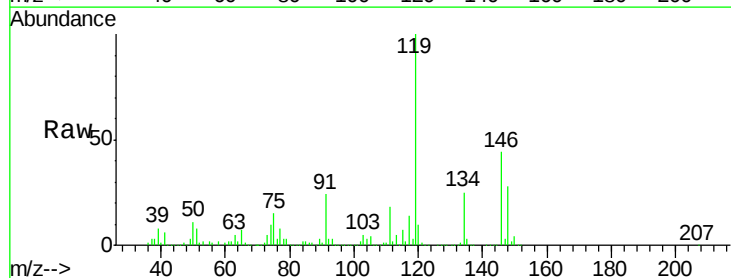
Tgt Ion:119 Resp: 630521

Ion Ratio Lower Upper

119 100

134 25.7 12.8 38.4

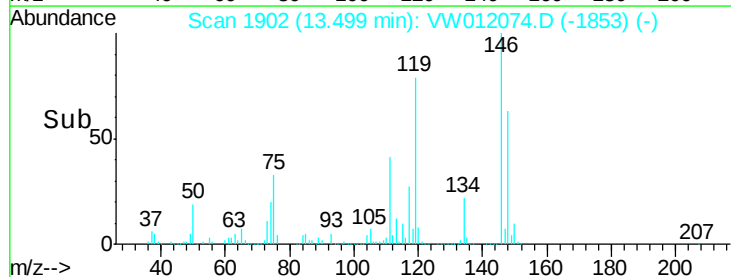
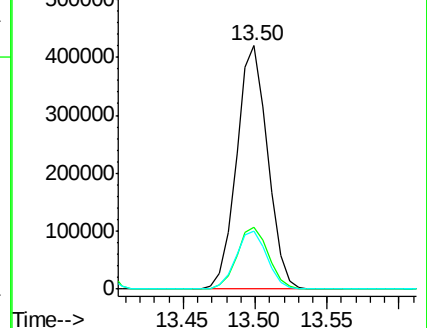
91 24.0 12.1 36.3

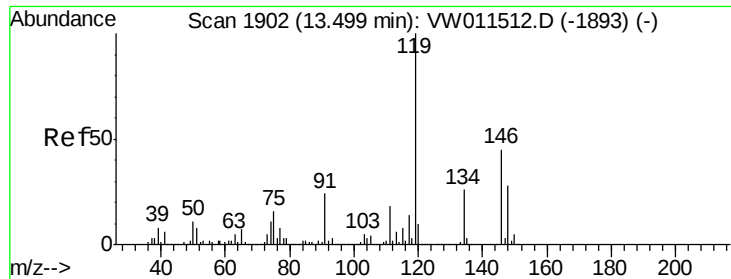


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

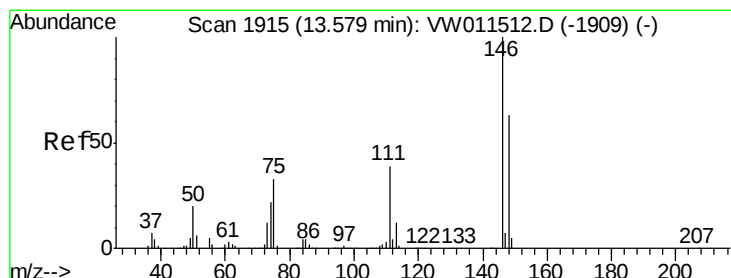
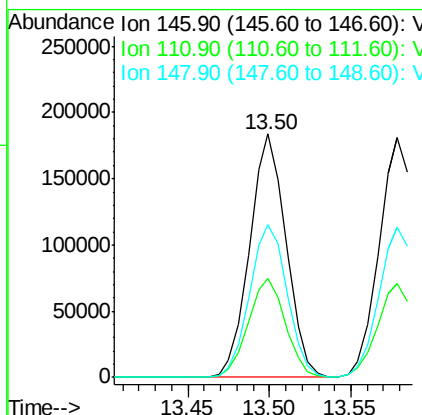
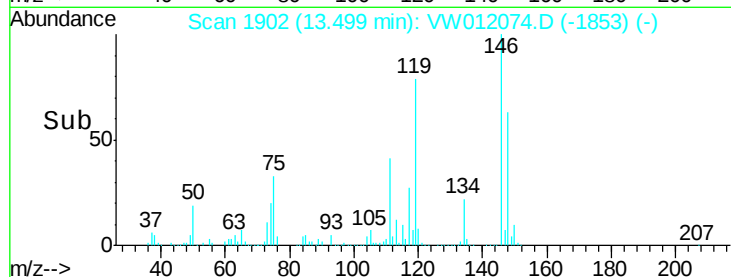
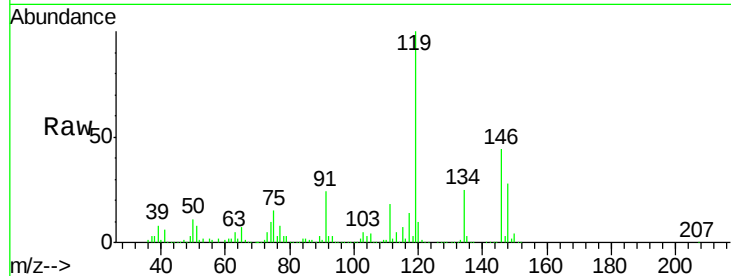




#87
 1,3-Dichlorobenzene
 Concen: 55.569 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012074.D
 Acq: 21 Aug 2019 16:16

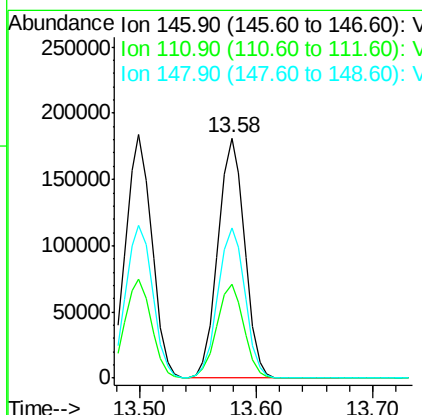
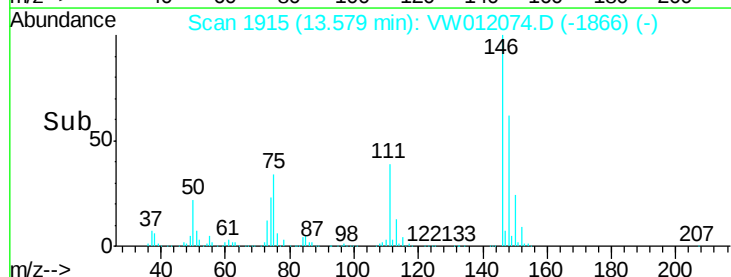
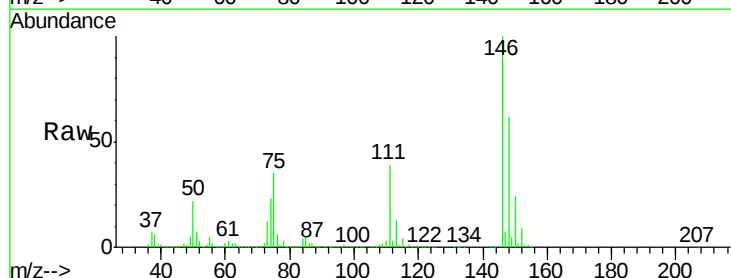
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

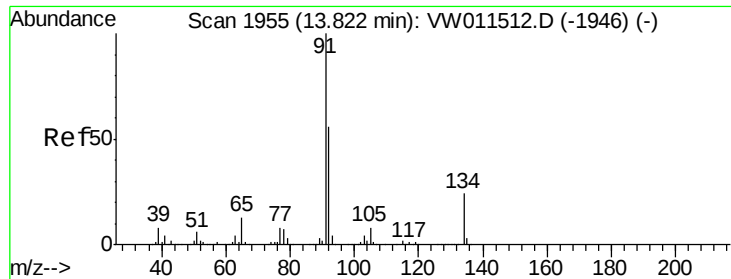
Tot Ion:146 Resp: 286684
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.5 61.6
 148 64.4 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 55.734 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012074.D
 Acq: 21 Aug 2019 16:16

Tgt Ion:146 Resp: 286029
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.1 60.2
 148 63.6 31.9 95.9

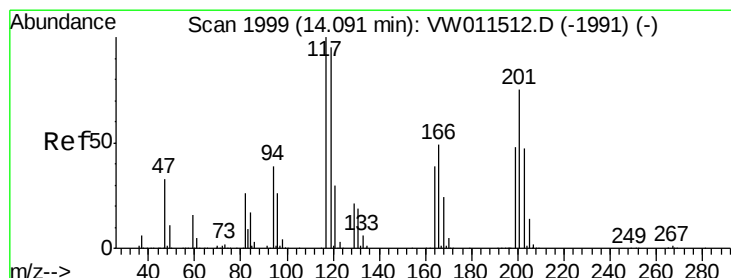
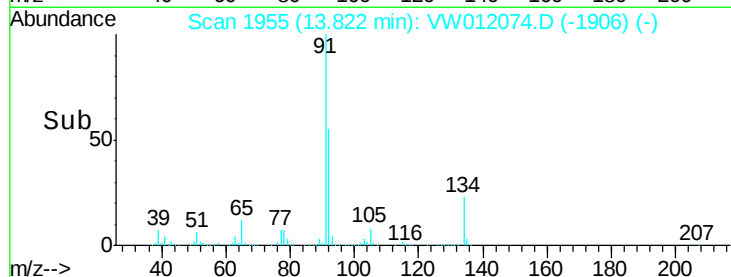
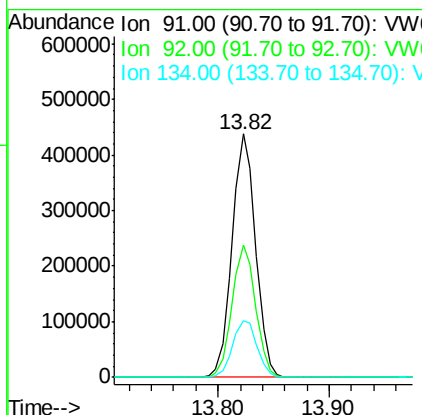
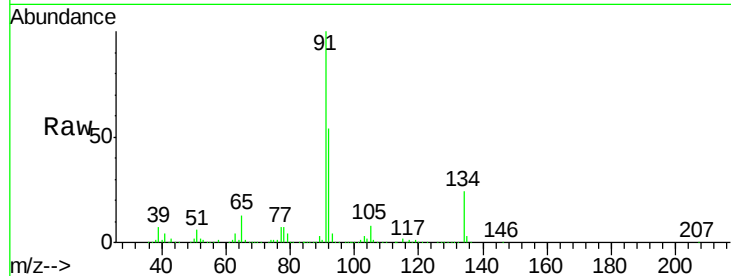




#89
n-Butylbenzene
Concen: 59.113 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012074.D
Acq: 21 Aug 2019 16:16

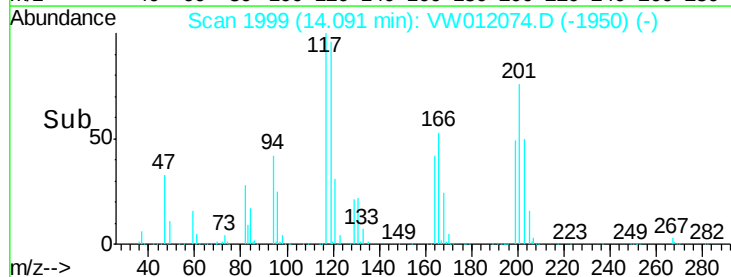
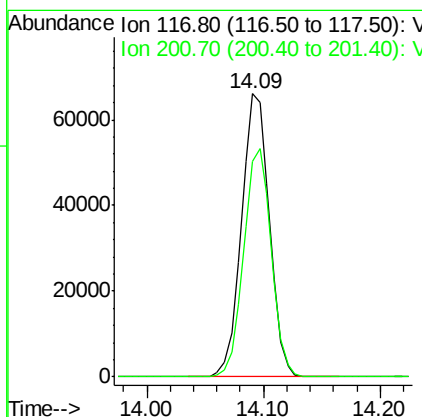
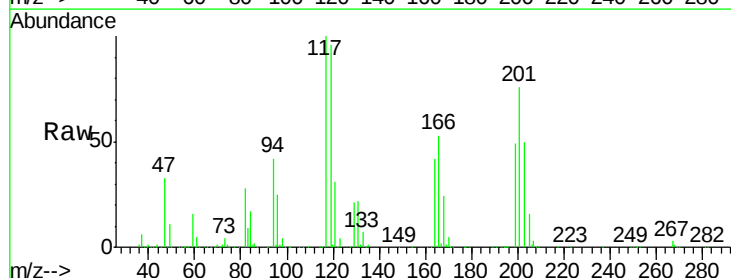
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

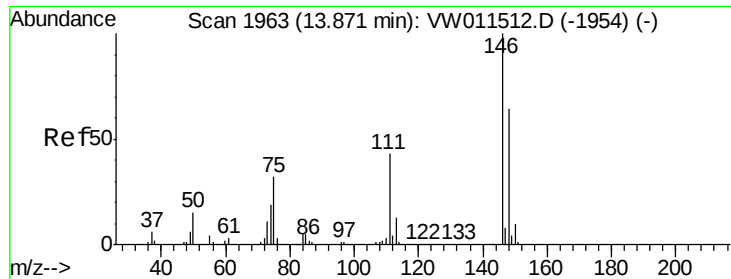
Tot Ion: 91 Resp: 637274
Ion Ratio Lower Upper
91 100
92 54.6 27.5 82.4
134 24.4 12.2 36.6



#90
Hexachloroethane
Concen: 57.838 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW012074.D
Acq: 21 Aug 2019 16:16

Tgt Ion: 117 Resp: 110485
Ion Ratio Lower Upper
117 100
201 79.8 39.4 118.2

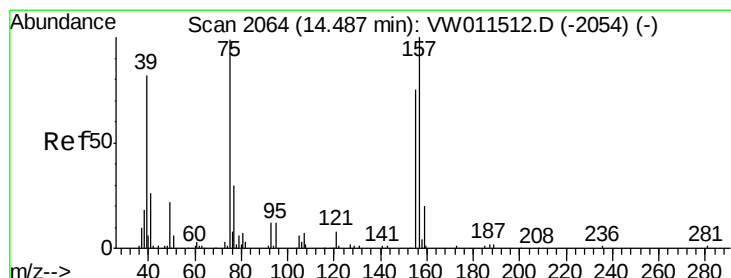
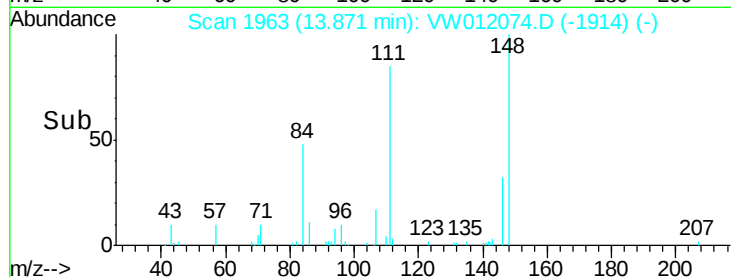
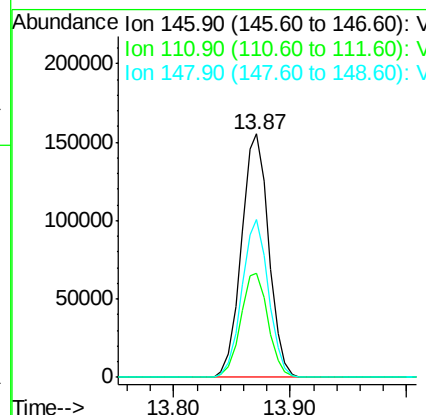
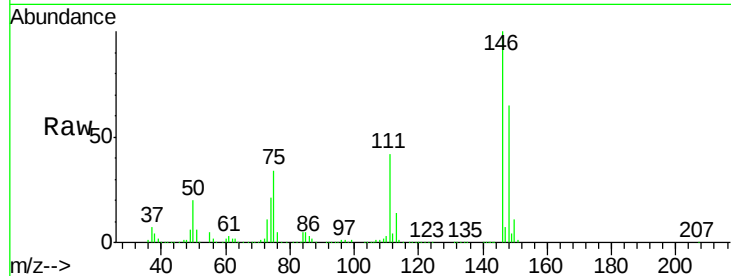




#91
 1,2-Dichlorobenzene
 Concen: 55.643 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012074.D
 Acq: 21 Aug 2019 16:16

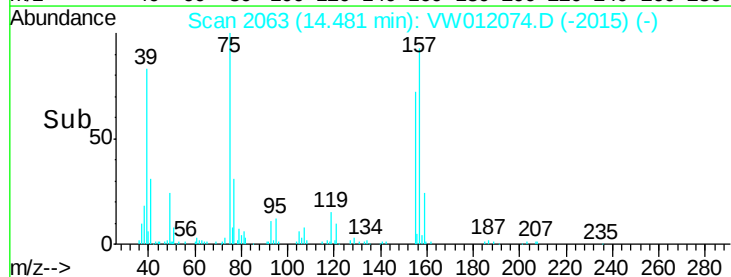
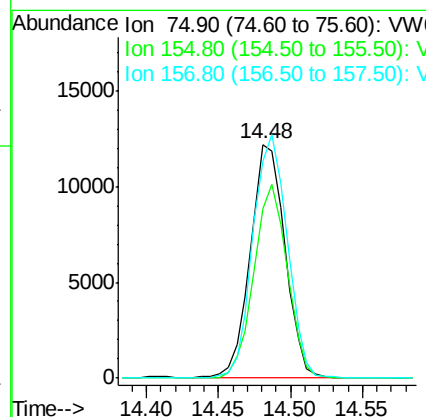
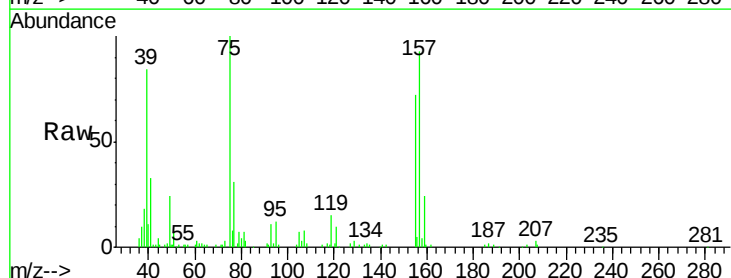
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

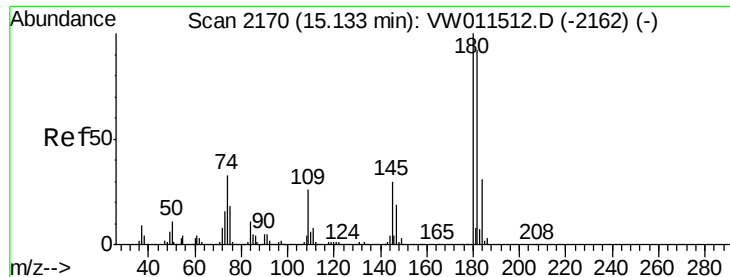
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.6	65.0
148	63.5	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.228 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW012074.D
 Acq: 21 Aug 2019 16:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.5	38.2	114.6
157	102.9	48.9	146.7

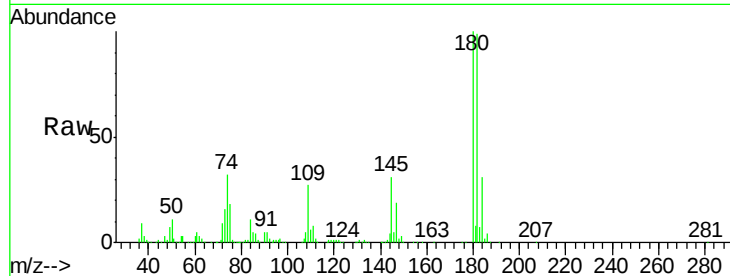




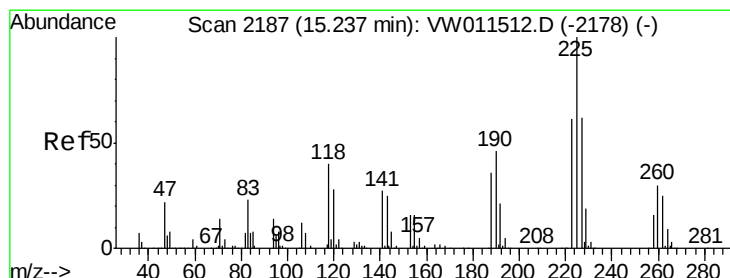
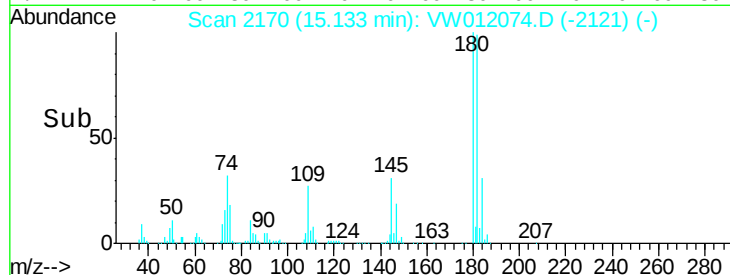
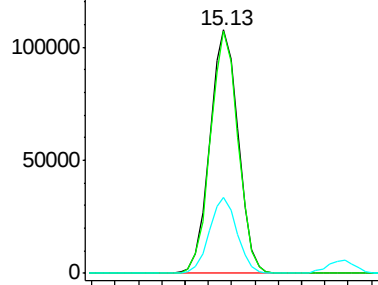
#93
 1,2,4-Trichlorobenzene
 Concen: 56.795 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012074.D
 Acq: 21 Aug 2019 16:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.4	142.2
145	30.5	15.4	46.1

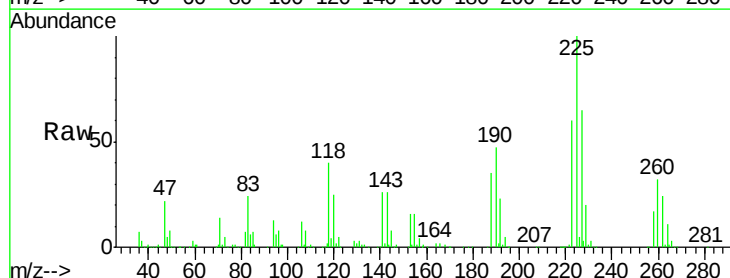


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

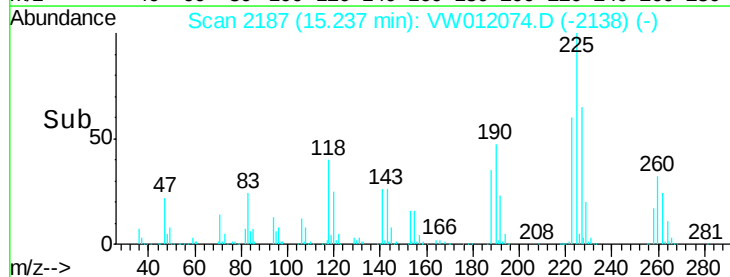
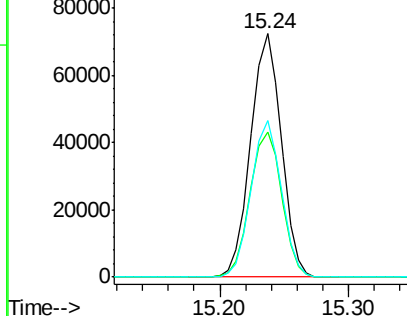


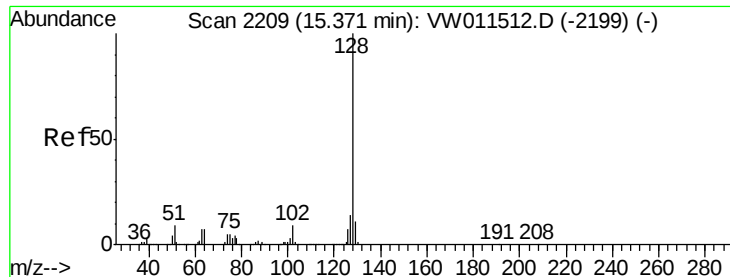
#94
 Hexachlorobutadiene
 Concen: 59.253 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012074.D
 Acq: 21 Aug 2019 16:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	30.8	92.3
227	63.5	31.6	94.7



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

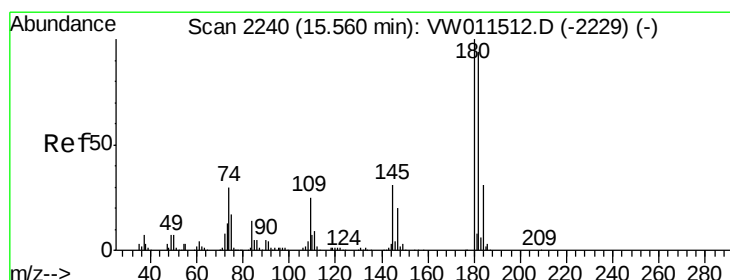
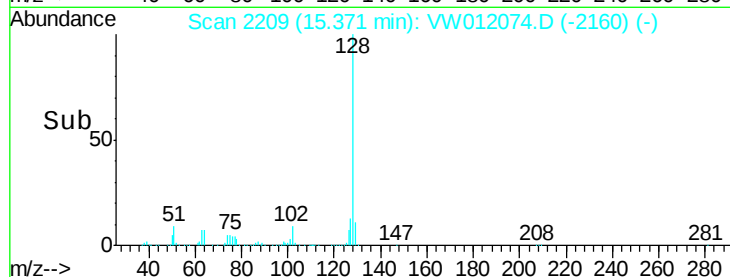
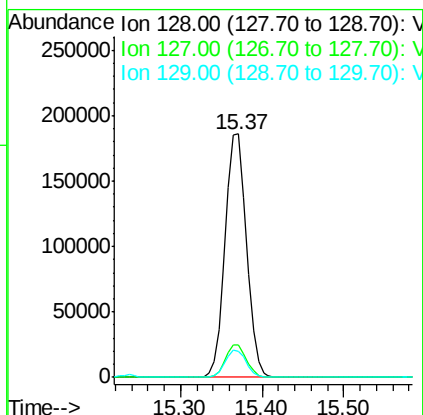
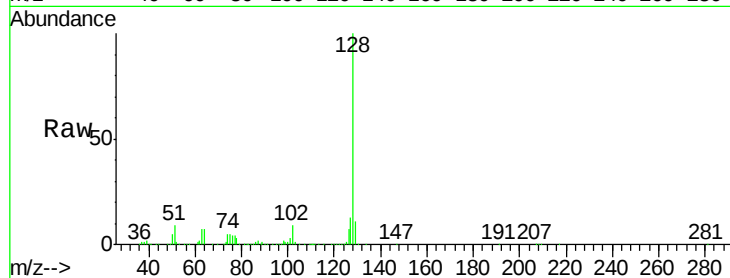




#95
Naphthalene
Concen: 53.248 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW012074.D
Acq: 21 Aug 2019 16:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 336308
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 57.150 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012074.D
Acq: 21 Aug 2019 16:16

Tgt Ion:180 Resp: 161098
Ion Ratio Lower Upper
180 100
182 95.5 47.4 142.2
145 31.5 15.9 47.7

