

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030719\
 Data File : VW009034.D
 Acq On : 07 Mar 2019 12:12
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Quant Time: Mar 08 03:25:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 03:11:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	296953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	420032	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	409899	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	231265	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	146108	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
35) Dibromofluoromethane	7.88	113	131378	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	
50) Toluene-d8	10.32	98	559983	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	
62) 4-Bromofluorobenzene	12.62	95	212208	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.00	85	134383	44.968	ug/l 100
3) Chloromethane	2.21	50	174407	46.378	ug/l 100
4) Vinyl Chloride	2.35	62	179709	46.546	ug/l 100
5) Bromomethane	2.76	94	136144	41.407	ug/l 100
6) Chloroethane	2.92	64	129569	46.940	ug/l 100
7) Trichlorofluoromethane	3.26	101	232263	47.093	ug/l 100
8) Diethyl Ether	3.68	74	68150	45.816	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	142409	46.427	ug/l 100
10) Methyl Iodide	4.27	142	164257	56.355	ug/l 100
11) Tert butyl alcohol	5.17	59	51846	243.813	ug/l 100
12) 1,1-Dichloroethene	4.04	96	126605	47.416	ug/l 100
13) Acrolein	3.89	56	55772	219.085	ug/l 100
14) Allyl chloride	4.67	41	219696	47.452	ug/l 100
15) Acrylonitrile	5.37	53	155816	232.280	ug/l 100
16) Acetone	4.13	43	167228	245.824	ug/l 100
17) Carbon Disulfide	4.38	76	440129	49.188	ug/l 100
18) Methyl Acetate	4.68	43	71045	45.438	ug/l 100
19) Methyl tert-butyl Ether	5.43	73	332612	47.248	ug/l 100
20) Methylene Chloride	4.92	84	157403	40.647	ug/l 100
21) trans-1,2-Dichloroethene	5.43	96	143552	46.544	ug/l 100
22) Diisopropyl ether	6.31	45	444873	47.713	ug/l 100
23) Vinyl Acetate	6.26	43	1368636	235.494	ug/l 100
24) 1,1-Dichloroethane	6.22	63	252923	46.778	ug/l 100
25) 2-Butanone	7.17	43	215879	233.777	ug/l 100
26) 2,2-Dichloropropane	7.17	77	227299	46.009	ug/l 100
27) cis-1,2-Dichloroethene	7.17	96	156888	47.760	ug/l 100
28) Bromochloromethane	7.51	49	103123	46.083	ug/l 100
29) Tetrahydrofuran	7.53	42	134408	227.021	ug/l 100
30) Chloroform	7.68	83	262097	47.437	ug/l 100
31) Cyclohexane	7.95	56	249685	45.385	ug/l 100
32) 1,1,1-Trichloroethane	7.87	97	240475	47.262	ug/l 100
36) 1,1-Dichloropropene	8.08	75	208567	47.990	ug/l 100
37) Ethyl Acetate	7.25	43	92524	45.315	ug/l 100
38) Carbon Tetrachloride	8.07	117	212697	47.223	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	258343	49.631	ug/l	100
40) Benzene	8.32	78	575331	49.788	ug/l	100
41) Methacrylonitrile	7.48	41	51738	48.084	ug/l	100
42) 1,2-Dichloroethane	8.40	62	180377	47.900	ug/l	100
43) Isopropyl Acetate	8.43	43	184789	48.383	ug/l	100
44) Trichloroethene	9.09	130	156370	48.130	ug/l	100
45) 1,2-Dichloropropane	9.37	63	140292	48.804	ug/l	100
46) Dibromomethane	9.46	93	76619	47.988	ug/l	100
47) Bromodichloromethane	9.64	83	193967	48.198	ug/l	100
48) Methyl methacrylate	9.43	41	93303	51.808	ug/l	100
49) 1,4-Dioxane	9.45	88	22975	980.162	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	475417	244.226	ug/l	100
52) Toluene	10.39	92	390278	49.517	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	199161	49.767	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	225759	49.442	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	102506	47.378	ug/l	100
56) Ethyl methacrylate	10.65	69	137554	50.702	ug/l	100
57) 1,3-Dichloropropane	10.93	76	183738	47.836	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	322189	228.561	ug/l	100
59) 2-Hexanone	10.97	43	348347	253.472	ug/l	100
60) Dibromochloromethane	11.13	129	131127	49.328	ug/l	100
61) 1,2-Dibromoethane	11.24	107	101742	48.387	ug/l	100
64) Tetrachloroethene	10.86	164	144883	48.686	ug/l	100
65) Chlorobenzene	11.66	112	438615	49.670	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	144281	49.008	ug/l	100
67) Ethyl Benzene	11.73	91	802799	50.599	ug/l	100
68) m/p-Xylenes	11.84	106	638097	101.761	ug/l	100
69) o-Xylene	12.17	106	295539	50.556	ug/l	100
70) Styrene	12.18	104	487225	51.197	ug/l	100
71) Bromoform	12.35	173	77288	48.413	ug/l	# 100
73) Isopropylbenzene	12.47	105	822394	50.042	ug/l	100
74) N-amyl acetate	12.27	43	199897	50.885	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	123301	47.169	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	175733	68.243	ug/l	21
77) Bromobenzene	12.75	156	182890	48.669	ug/l	100
78) n-propylbenzene	12.80	91	1017114	50.416	ug/l	100
79) 2-Chlorotoluene	12.90	91	566016	49.929	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	713414	50.369	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	38758	47.812	ug/l	100
82) 4-Chlorotoluene	12.99	91	603943	50.000	ug/l	100
83) tert-Butylbenzene	13.21	119	606650	50.990	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	731115	51.132	ug/l	100
85) sec-Butylbenzene	13.38	105	901138	51.118	ug/l	100
86) p-Isopropyltoluene	13.50	119	807979	51.133	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	391411	49.675	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	384992	49.460	ug/l	100
89) n-Butylbenzene	13.83	91	781458	51.875	ug/l	100
90) Hexachloroethane	14.10	117	136440	50.126	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	340137	49.281	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22805	46.994	ug/l	100

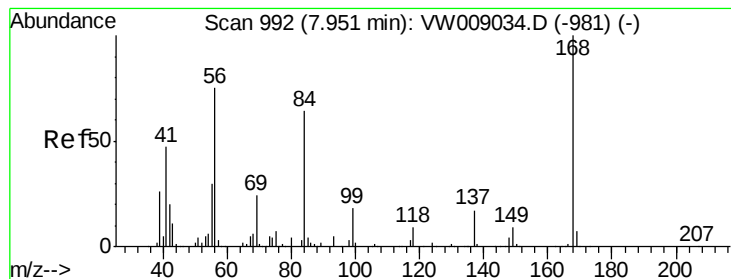
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	240495	50.954	ug/l	100
94) Hexachlorobutadiene	15.24	225	147921	50.141	ug/l	100
95) Naphthalene	15.37	128	406061	51.929	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	210527	50.798	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW009034.D

Acq: 07 Mar 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

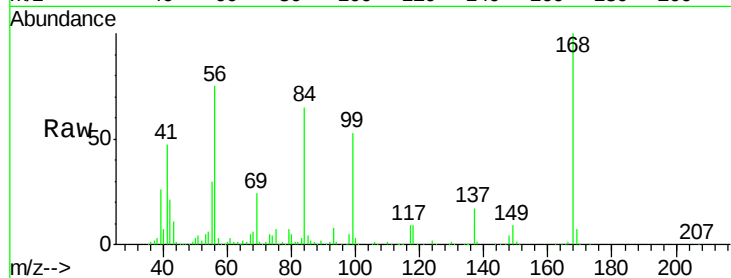
VSTDICCC050

Tgt Ion:168 Resp: 296953

Ion Ratio Lower Upper

168 100

99 52.7 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

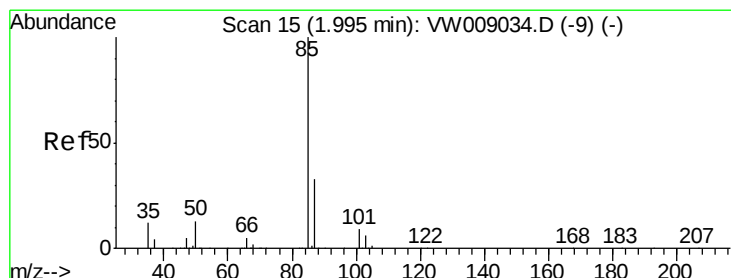
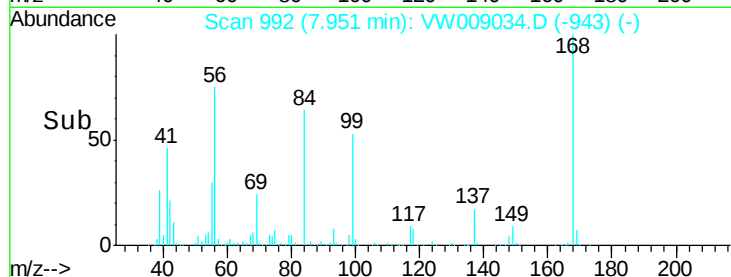
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.968 ug/l

RT: 2.00 min Scan# 15

Delta R.T. 0.00 min

Lab File: VW009034.D

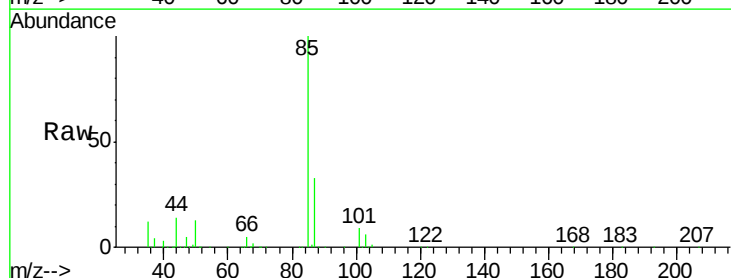
Acq: 07 Mar 2019 12:12

Tgt Ion: 85 Resp: 134383

Ion Ratio Lower Upper

85 100

87 32.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

100000

80000

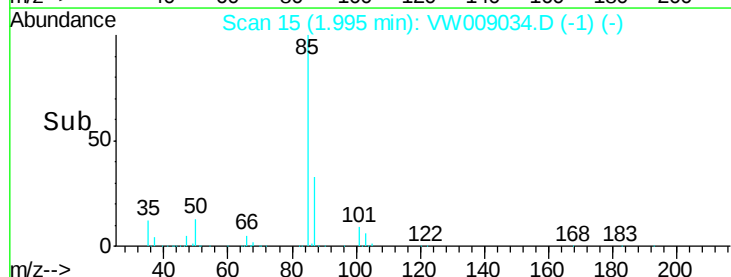
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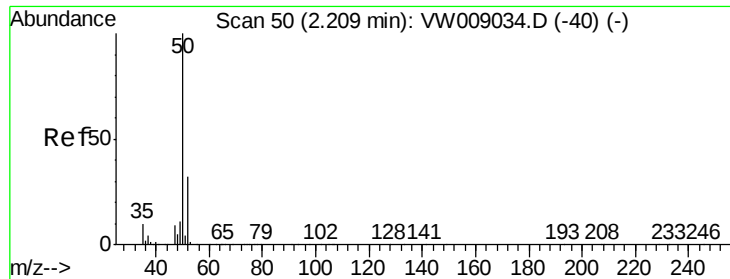
40000

20000

0

Time-->





#3

Chloromethane

Concen: 46.378 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW009034.D

Acq: 07 Mar 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

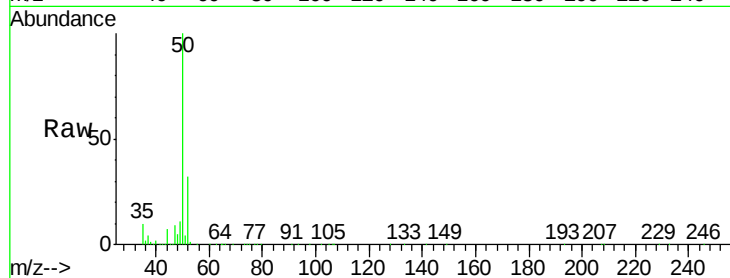
VSTDICCC050

Tgt Ion: 50 Resp: 174407

Ion Ratio Lower Upper

50 100

52 31.8 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.21

120000

100000

80000

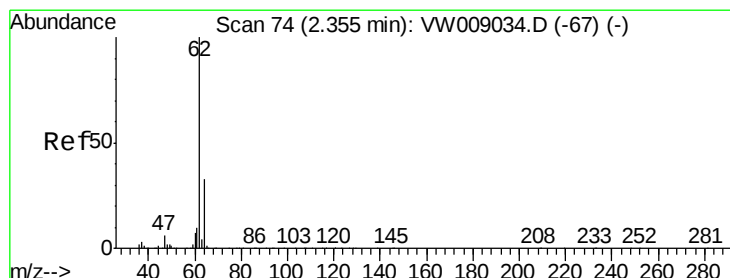
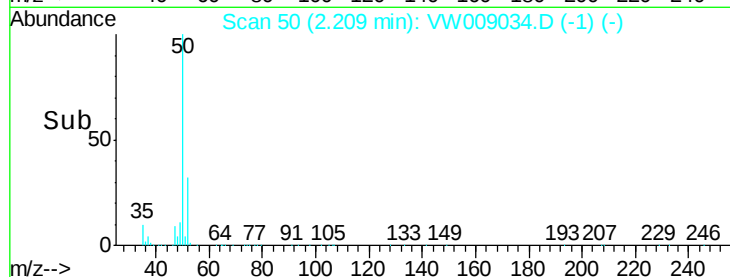
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 46.546 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW009034.D

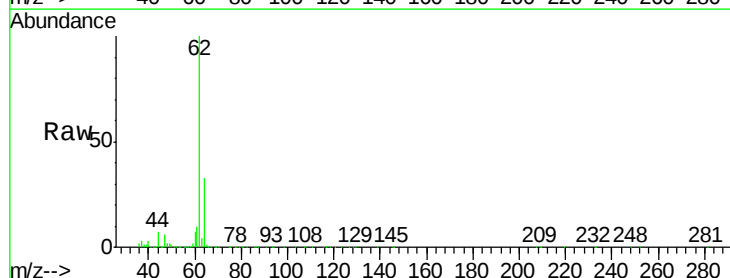
Acq: 07 Mar 2019 12:12

Tgt Ion: 62 Resp: 179709

Ion Ratio Lower Upper

62 100

64 32.5 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.35

120000

100000

80000

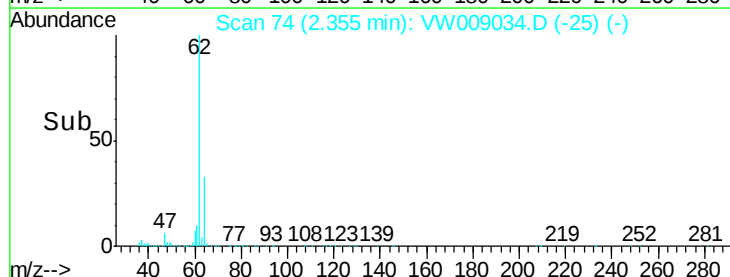
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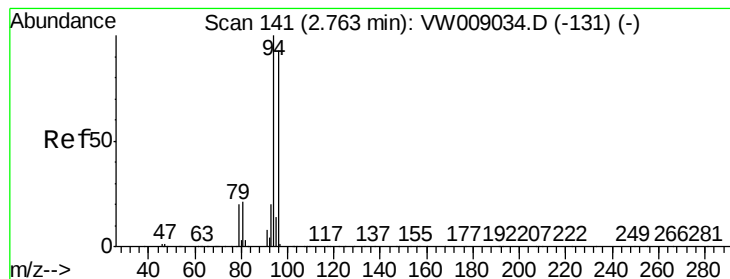
40000

20000

0

Time-->





#5

Bromomethane

Concen: 41.407 ug/l

RT: 2.76 min Scan# 141

Delta R.T. 0.00 min

Lab File: VW009034.D

Acq: 07 Mar 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

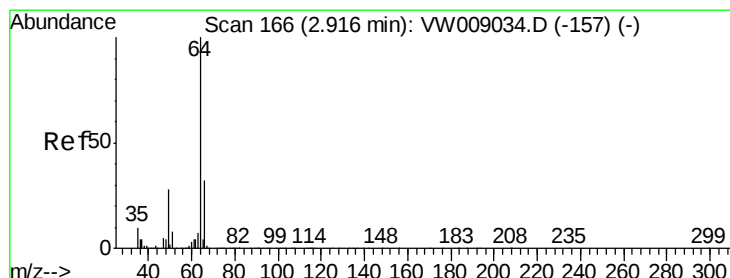
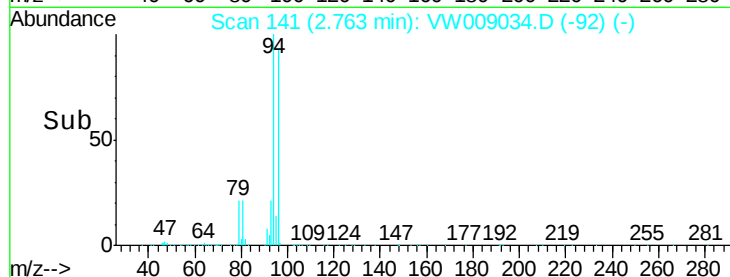
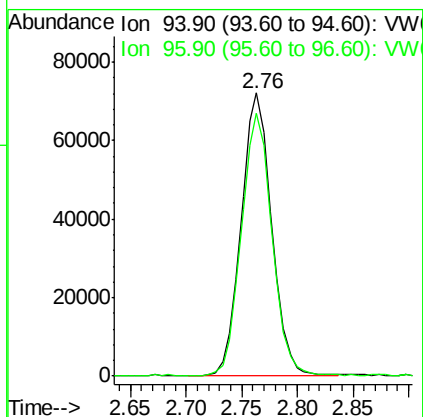
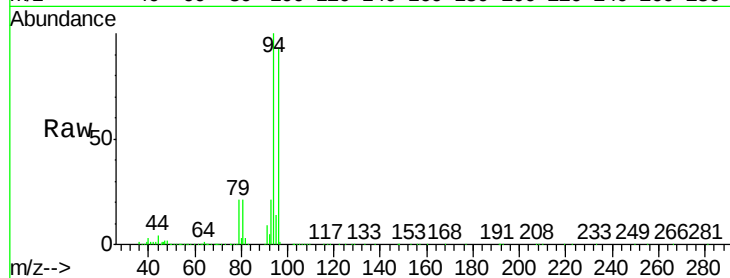
VSTDICCC050

Tgt Ion: 94 Resp: 136144

Ion Ratio Lower Upper

94 100

96 93.0 74.4 111.6



#6

Chloroethane

Concen: 46.940 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW009034.D

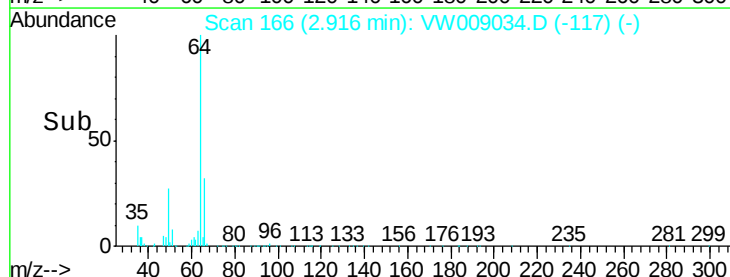
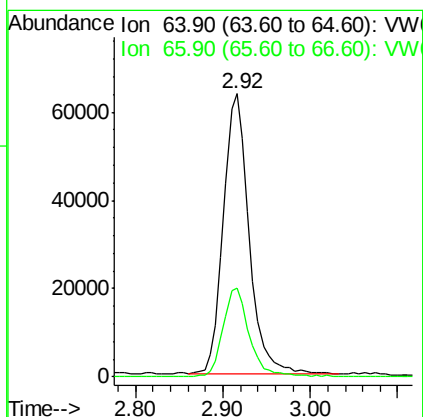
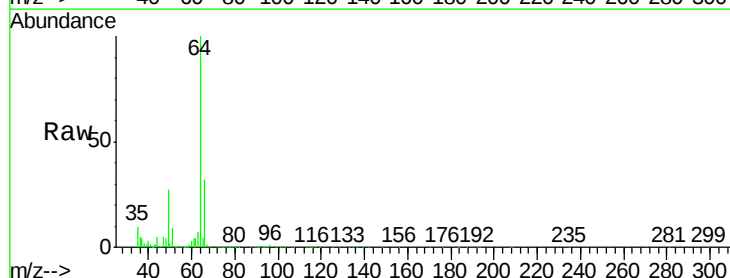
Acq: 07 Mar 2019 12:12

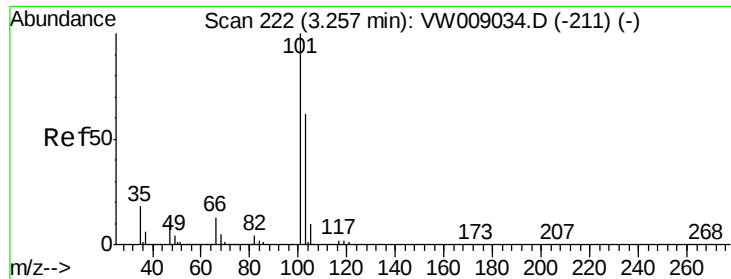
Tgt Ion: 64 Resp: 129569

Ion Ratio Lower Upper

64 100

66 31.9 25.5 38.3



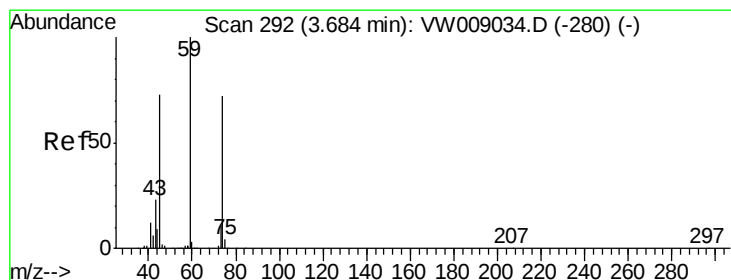
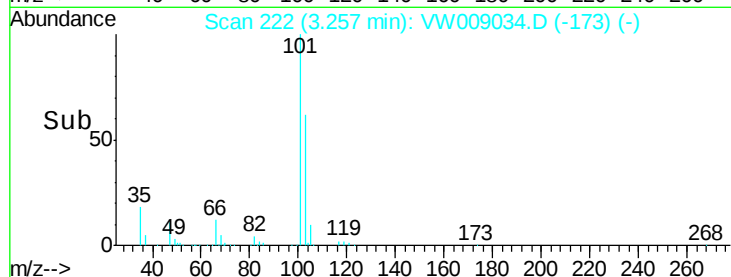
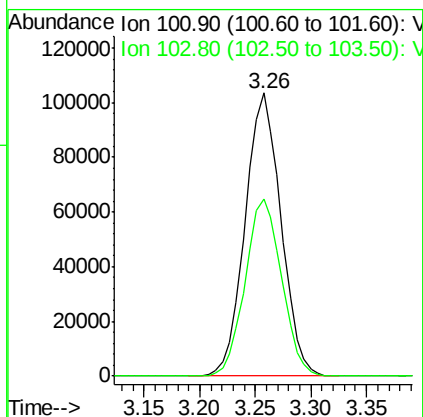
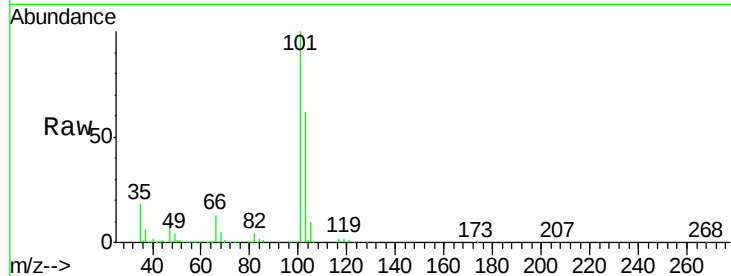


#7

Trichlorofluoromethane
Concen: 47.093 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.00 min
Lab File: VW009034.D
Acq: 07 Mar 2019 12:12

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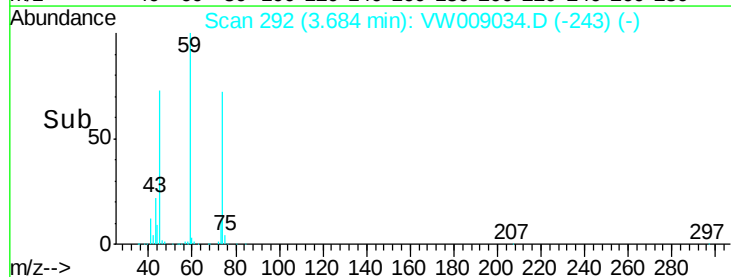
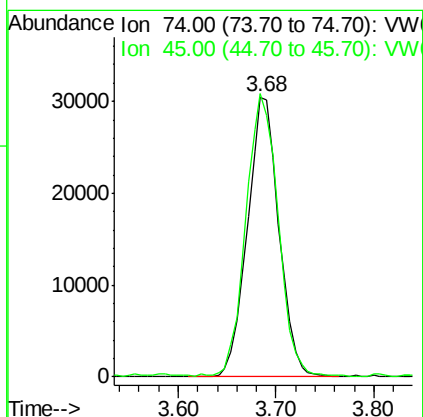
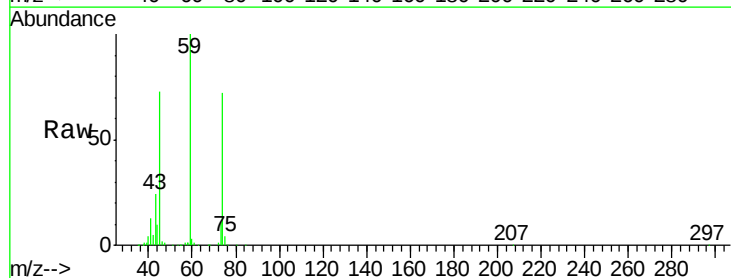
Tgt Ion:101 Resp: 232263
Ion Ratio Lower Upper
101 100
103 62.4 49.9 74.9

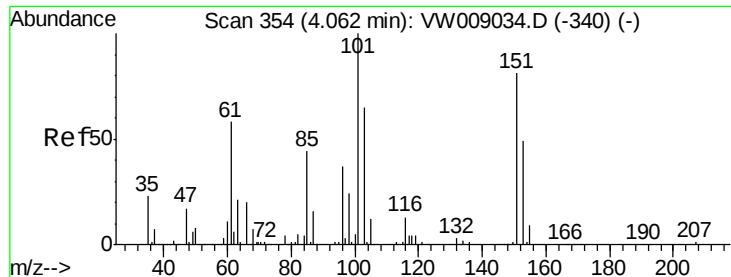


#8

Diethyl Ether
Concen: 45.816 ug/l
RT: 3.68 min Scan# 292
Delta R.T. 0.00 min
Lab File: VW009034.D
Acq: 07 Mar 2019 12:12

Tgt Ion: 74 Resp: 68150
Ion Ratio Lower Upper
74 100
45 104.7 52.3 157.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.427 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW009034.D

Acq: 07 Mar 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

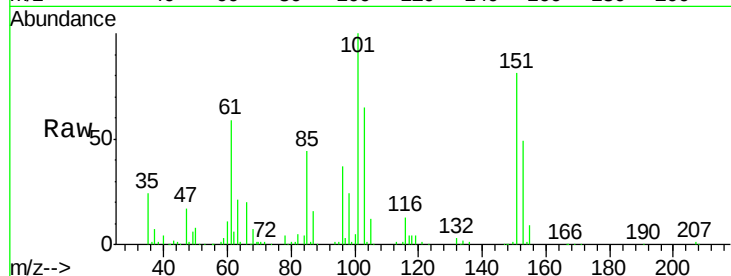
Tgt Ion:101 Resp: 142409

Ion Ratio Lower Upper

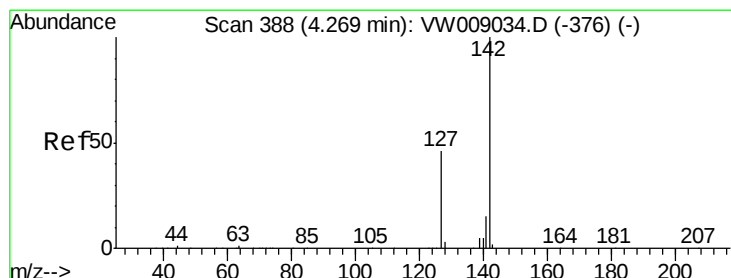
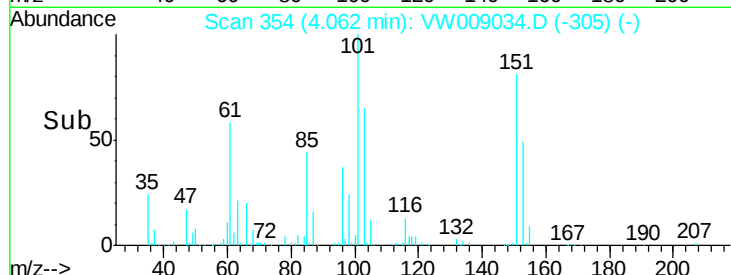
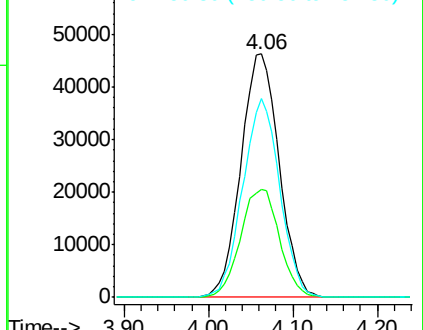
101 100

85 45.3 36.2 54.4

151 79.3 63.4 95.2



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 56.355 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW009034.D

Acq: 07 Mar 2019 12:12

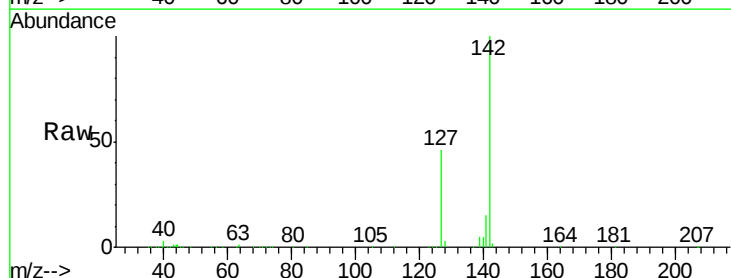
Tgt Ion:142 Resp: 164257

Ion Ratio Lower Upper

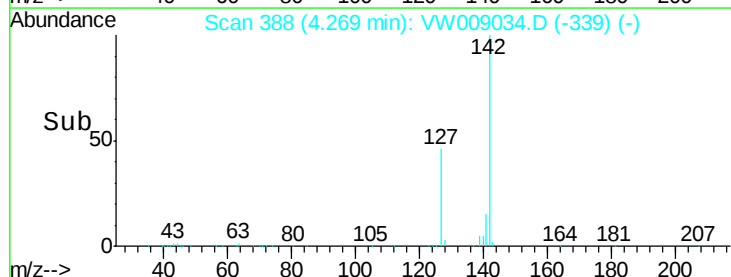
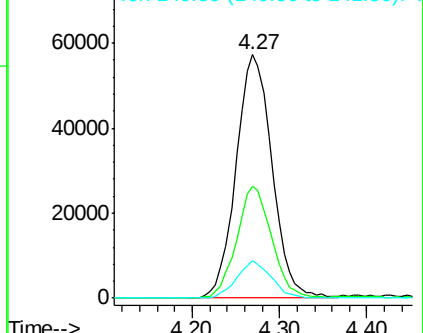
142 100

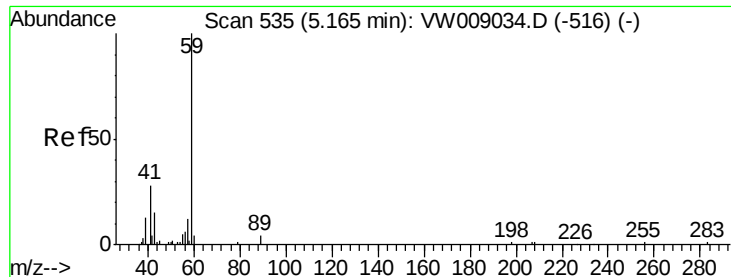
127 44.7 35.8 53.6

141 14.8 11.8 17.8



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

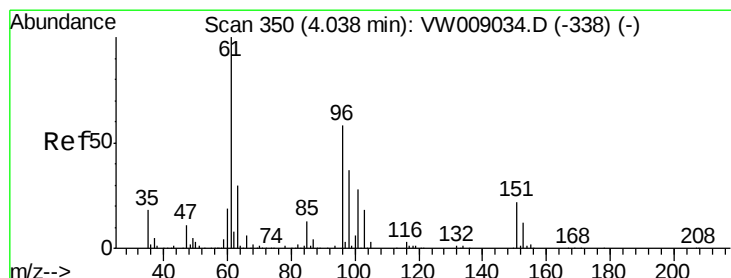
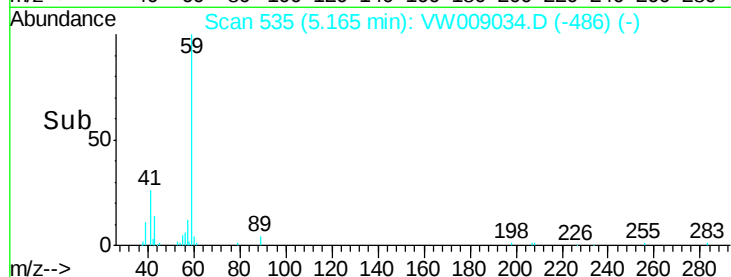
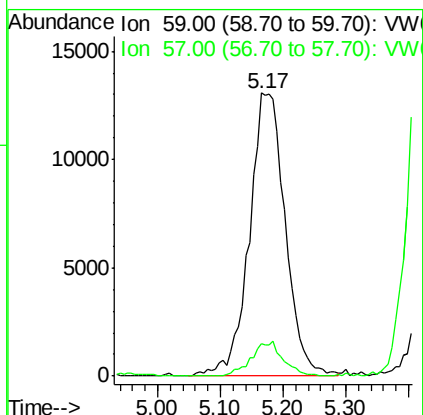
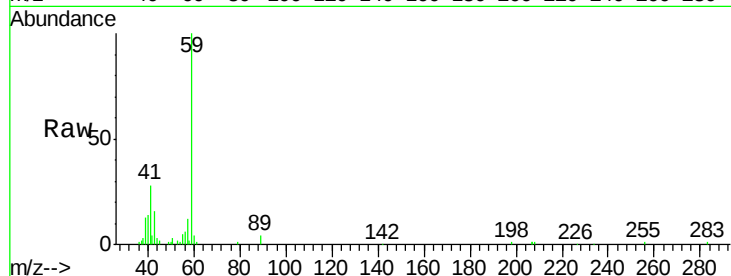




#11
Tert butyl alcohol
Concen: 243.813 ug/l
RT: 5.17 min Scan# 535
Delta R.T. 0.00 min
Lab File: VW009034.D
Acq: 07 Mar 2019 12:12

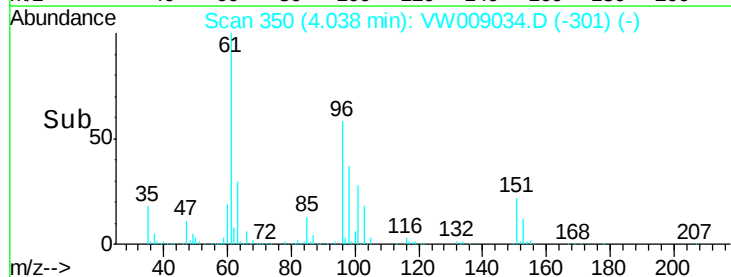
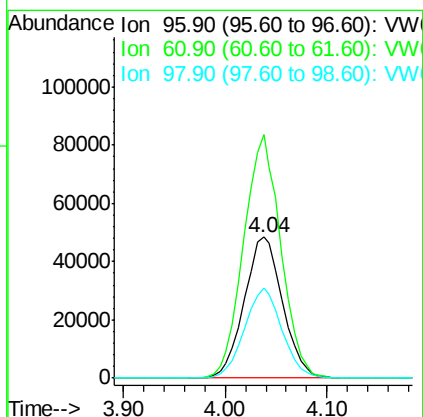
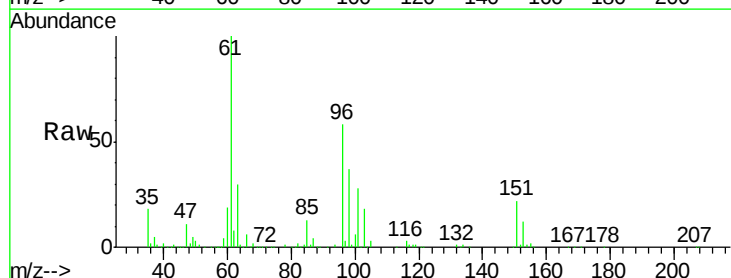
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

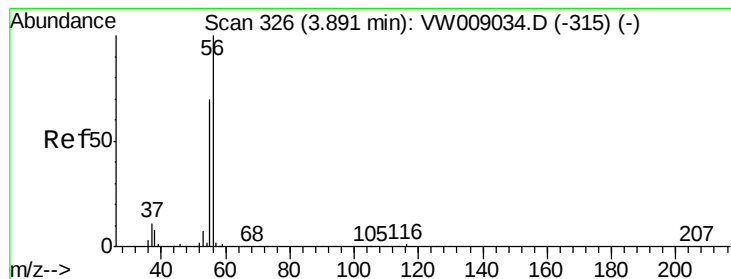
Tgt Ion: 59 Resp: 51846
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8



#12
1,1-Dichloroethene
Concen: 47.416 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW009034.D
Acq: 07 Mar 2019 12:12

Tgt Ion: 96 Resp: 126605
Ion Ratio Lower Upper
96 100
61 172.7 138.2 207.2
98 64.1 51.3 76.9





#13

Acrolein

Concen: 219.085 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW009034.D

Acq: 07 Mar 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

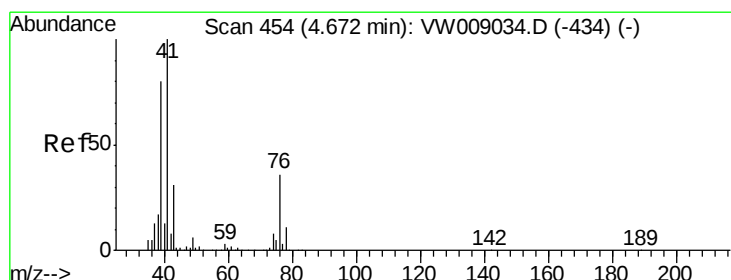
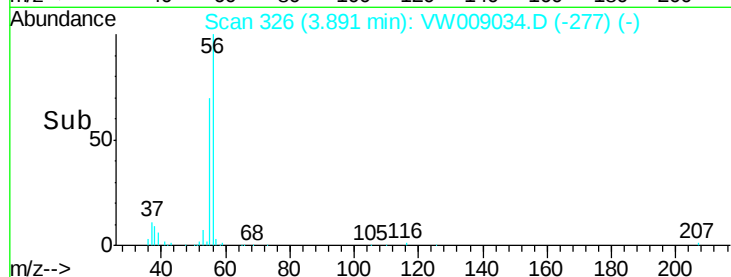
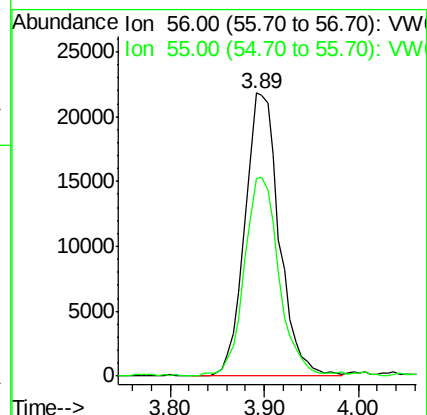
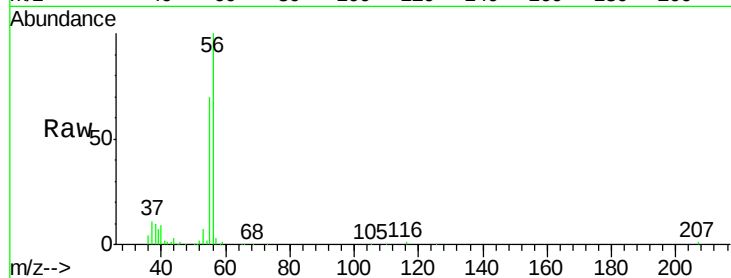
VSTDICCC050

Tgt Ion: 56 Resp: 55772

Ion Ratio Lower Upper

56 100

55 70.7 56.6 84.8



#14

Allyl chloride

Concen: 47.452 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW009034.D

Acq: 07 Mar 2019 12:12

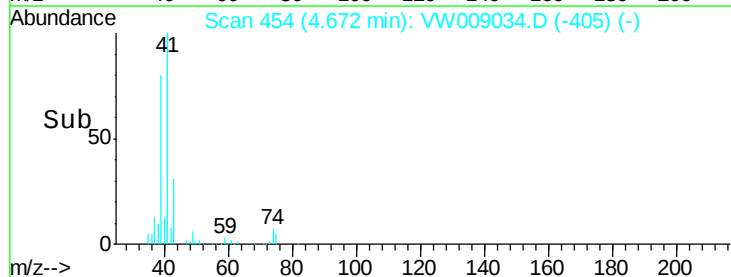
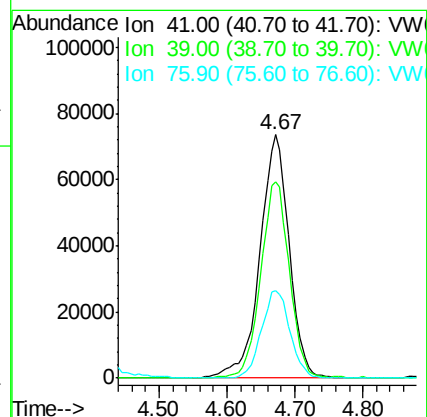
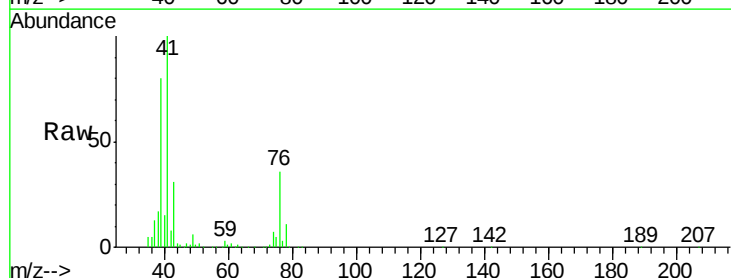
Tgt Ion: 41 Resp: 219696

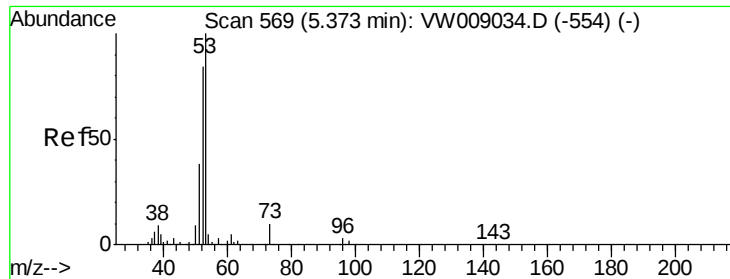
Ion Ratio Lower Upper

41 100

39 78.7 63.0 94.4

76 35.2 28.2 42.2

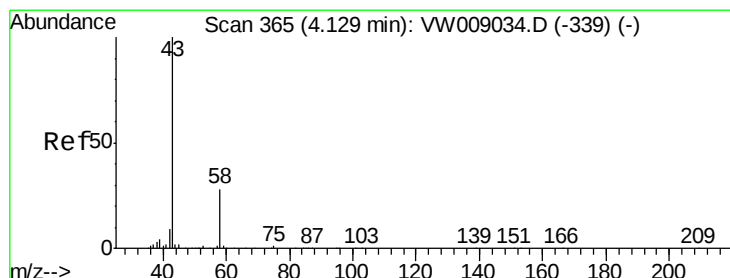
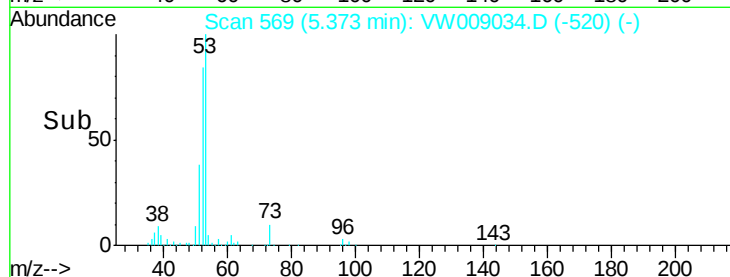
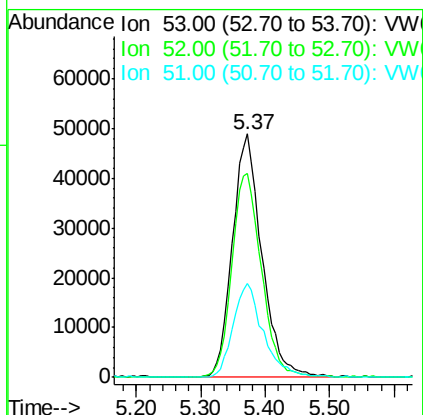
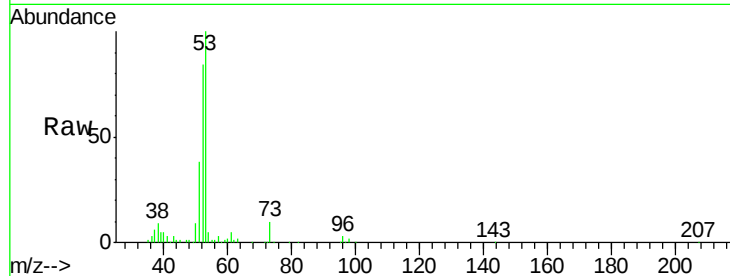




#15
 Acrylonitrile
 Concen: 232.280 ug/l
 RT: 5.37 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: VW009034.D
 Acq: 07 Mar 2019 12:12

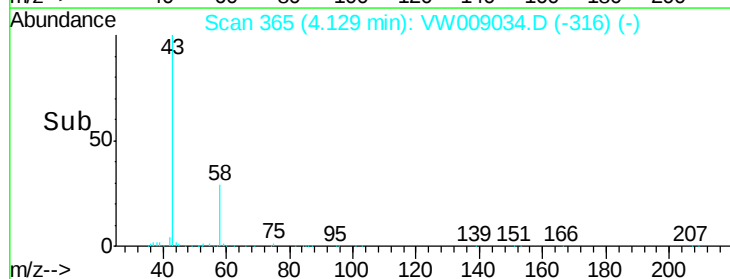
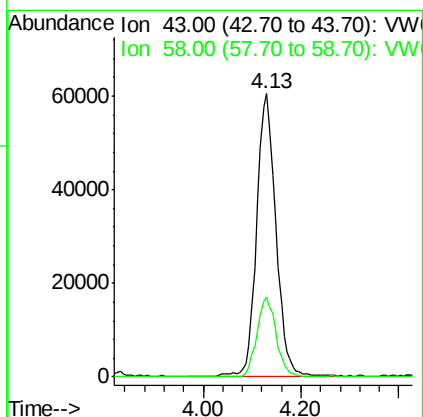
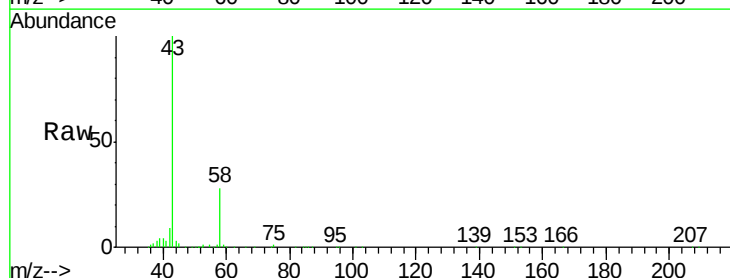
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

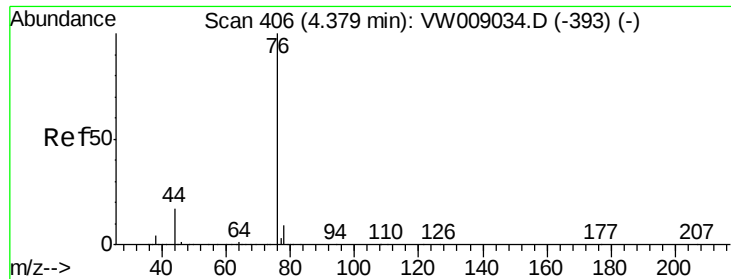
Tgt Ion: 53 Resp: 155816
 Ion Ratio Lower Upper
 53 100
 52 84.0 67.2 100.8
 51 39.7 31.8 47.6



#16
 Acetone
 Concen: 245.824 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VW009034.D
 Acq: 07 Mar 2019 12:12

Tgt Ion: 43 Resp: 167228
 Ion Ratio Lower Upper
 43 100
 58 28.1 22.5 33.7

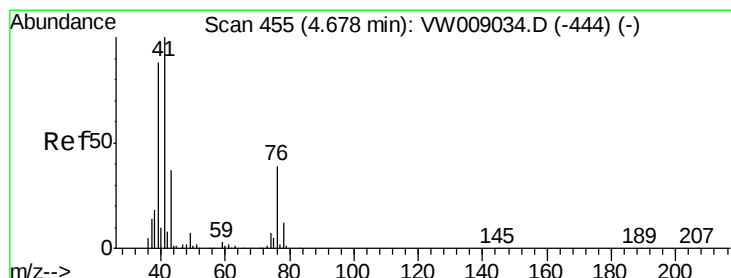
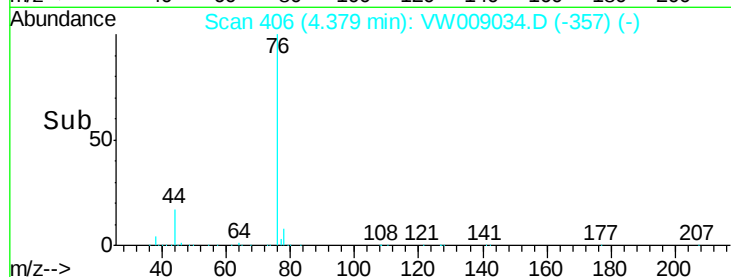
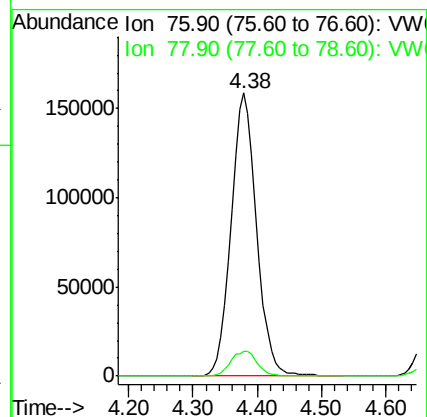
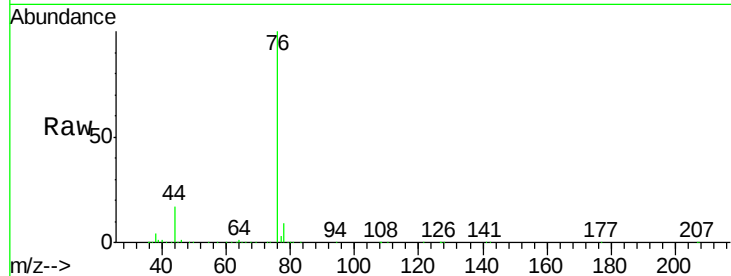




#17
Carbon Disulfide
Concen: 49.188 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW009034.D
Acq: 07 Mar 2019 12:12

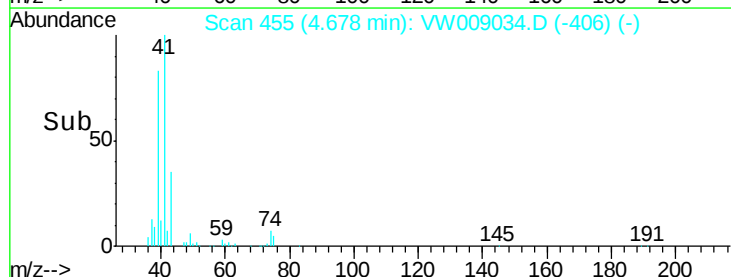
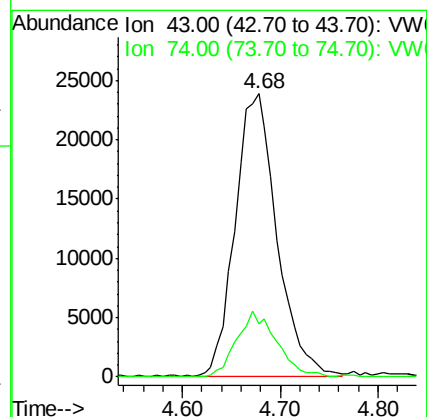
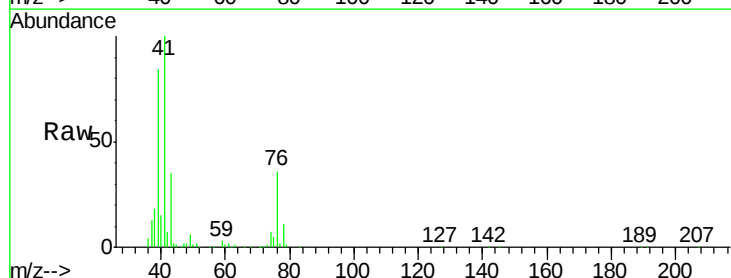
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

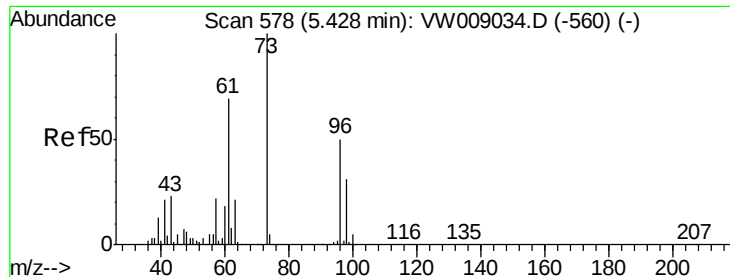
Tgt Ion: 76 Resp: 440129
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6



#18
Methyl Acetate
Concen: 45.438 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW009034.D
Acq: 07 Mar 2019 12:12

Tgt Ion: 43 Resp: 71045
Ion Ratio Lower Upper
43 100
74 22.0 17.6 26.4

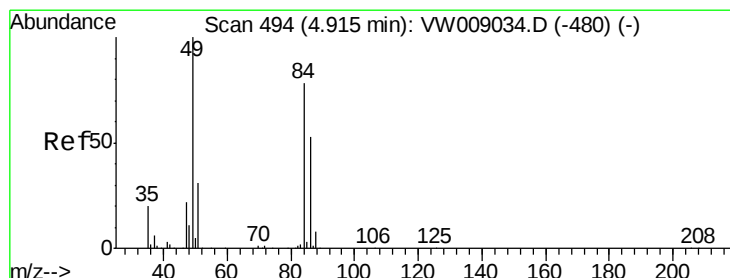
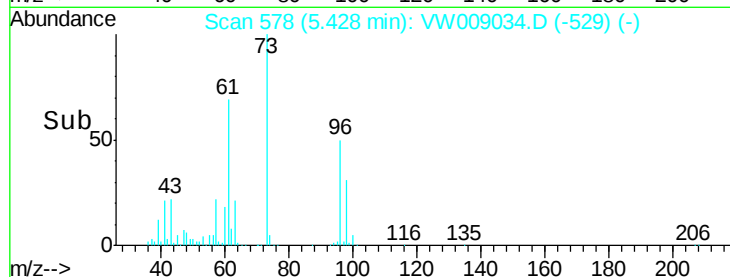
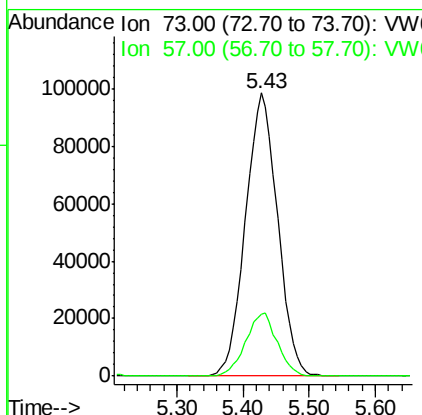
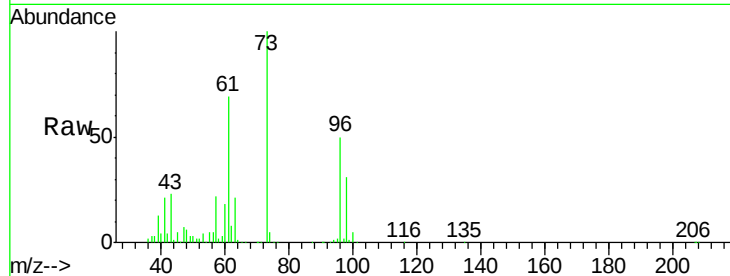




#19
Methyl tert-butyl Ether
Concen: 47.248 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW009034.D
Acq: 07 Mar 2019 12:12

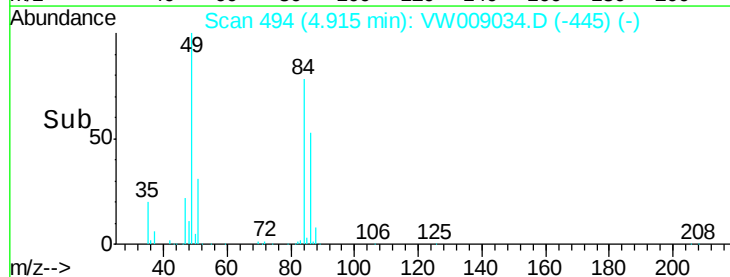
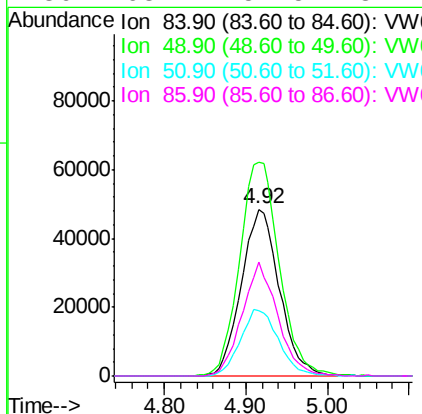
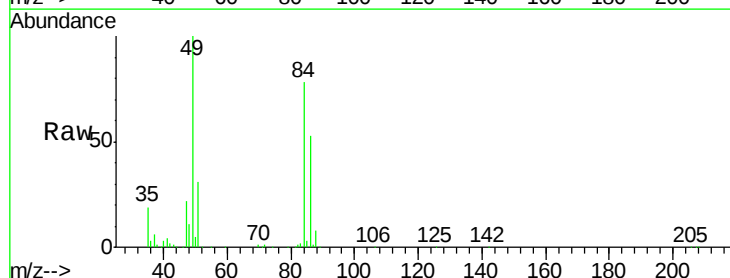
Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

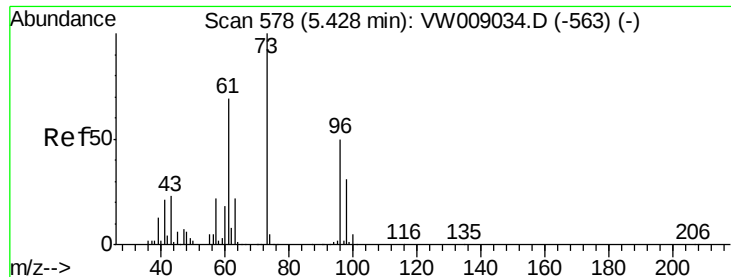
Tgt Ion: 73 Resp: 332612
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9



#20
Methylene Chloride
Concen: 40.647 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009034.D
Acq: 07 Mar 2019 12:12

Tgt Ion: 84 Resp: 157403
Ion Ratio Lower Upper
84 100
49 128.0 102.4 153.6
51 39.5 31.6 47.4
86 68.1 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 46.544 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW009034.D

Acq: 07 Mar 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

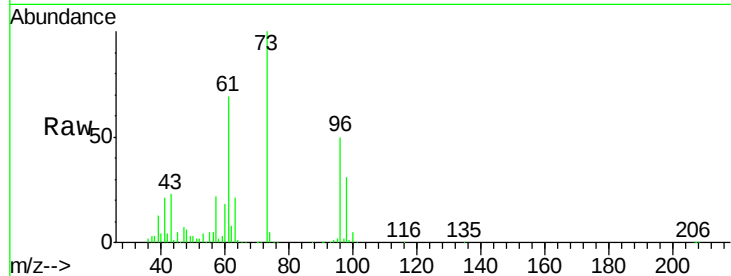
Tgt Ion: 96 Resp: 143552

Ion Ratio Lower Upper

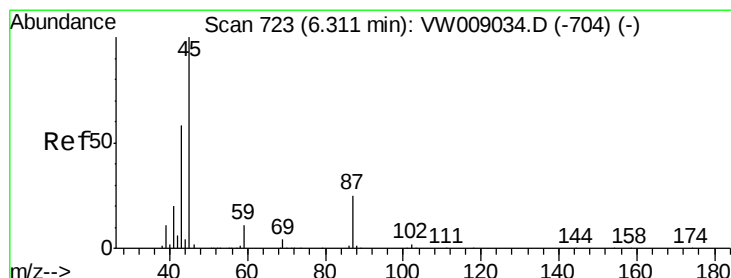
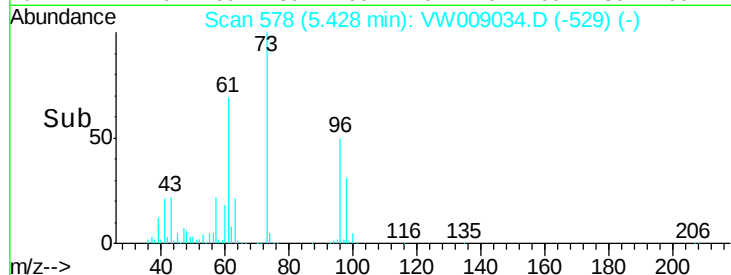
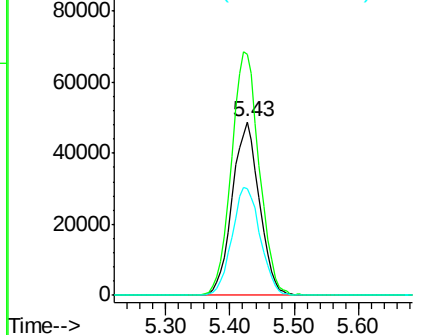
96 100

61 138.8 111.0 166.6

98 61.7 49.4 74.0



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



#22

Diisopropyl ether

Concen: 47.713 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW009034.D

Acq: 07 Mar 2019 12:12

Tgt Ion: 45 Resp: 444873

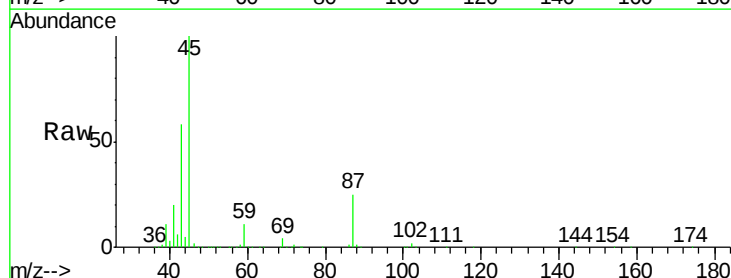
Ion Ratio Lower Upper

45 100

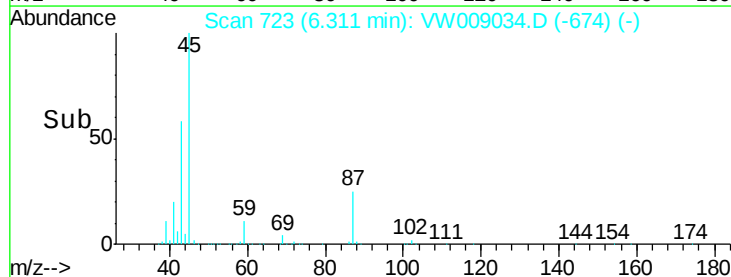
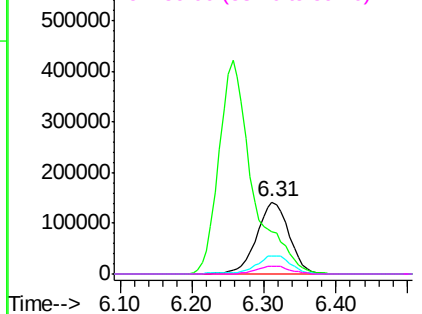
43 57.8 46.2 69.4

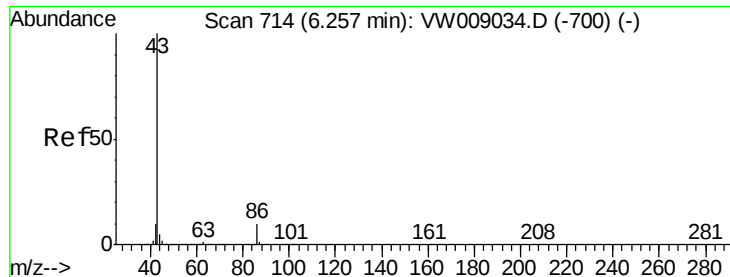
87 25.1 20.1 30.1

59 10.5 8.4 12.6



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





#23

Vinyl Acetate

Concen: 235.494 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW009034.D

Acq: 07 Mar 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

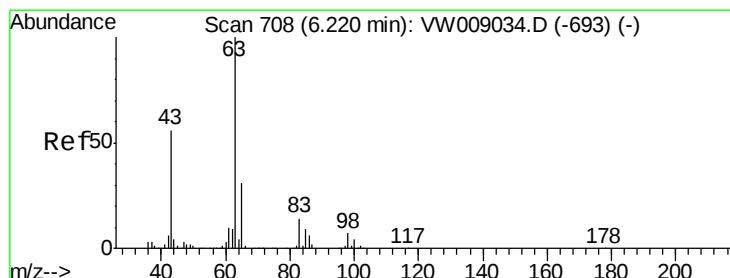
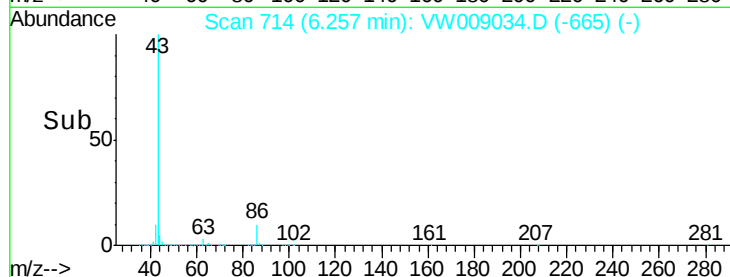
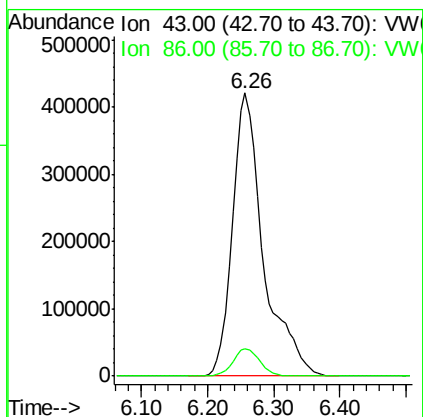
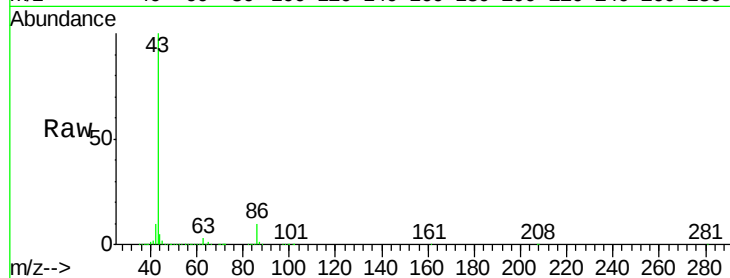
VSTDICCC050

Tgt Ion: 43 Resp: 1368636

Ion Ratio Lower Upper

43 100

86 9.5 7.6 11.4



#24

1,1-Dichloroethane

Concen: 46.778 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW009034.D

Acq: 07 Mar 2019 12:12

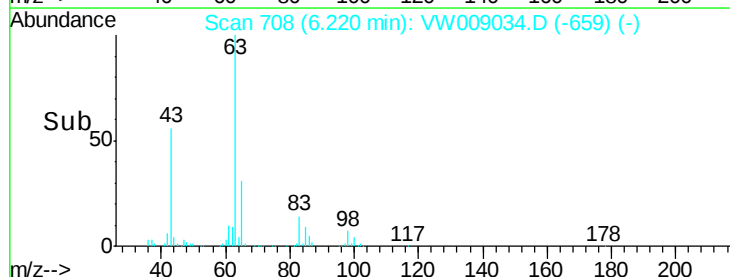
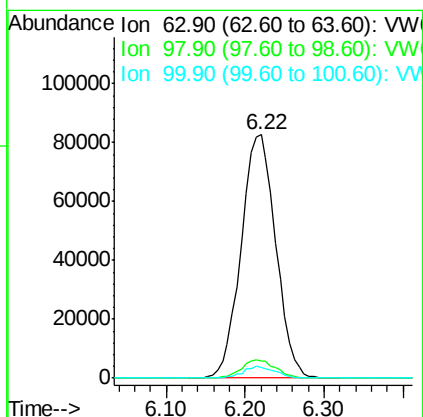
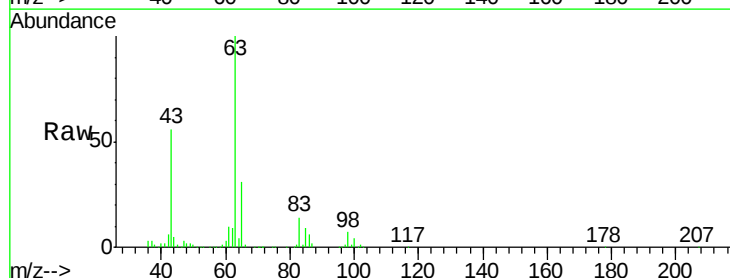
Tgt Ion: 63 Resp: 252923

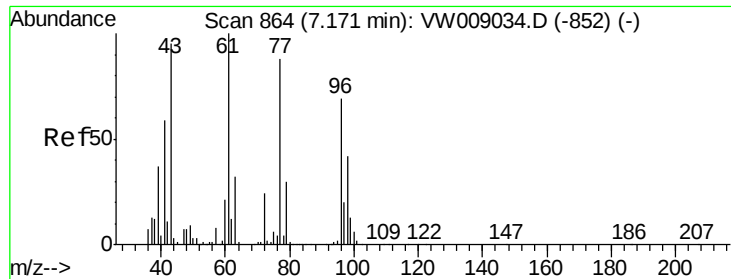
Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.2

100 4.1 2.1 6.2





#25

2-Butanone

Concen: 233.777 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW009034.D

Acq: 07 Mar 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

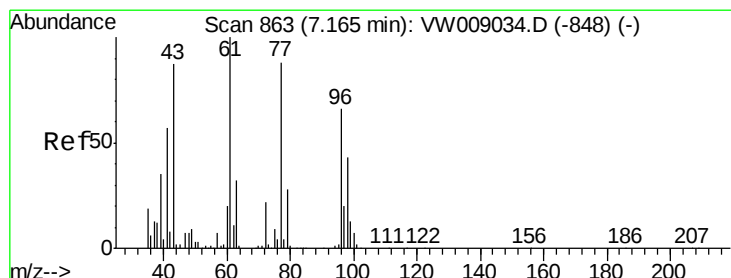
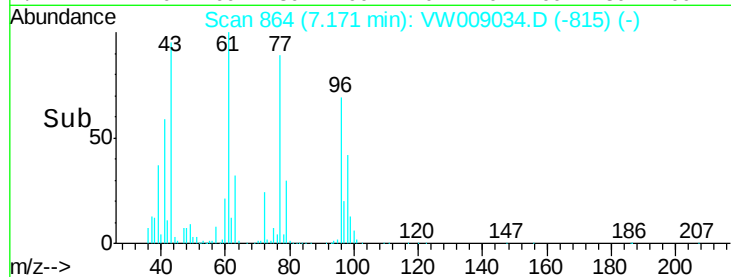
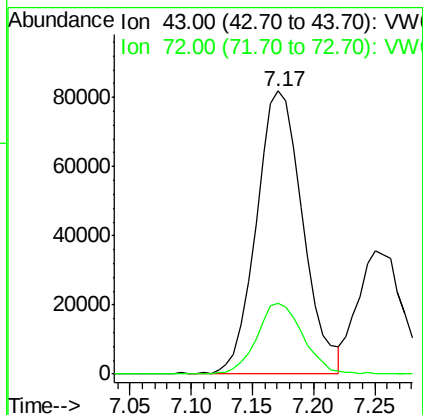
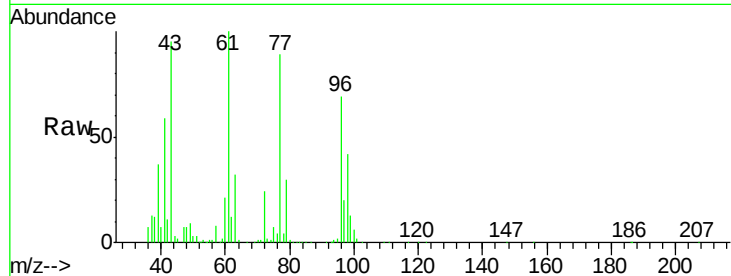
VSTDICCC050

Tgt Ion: 43 Resp: 215879

Ion Ratio Lower Upper

43 100

72 25.0 20.0 30.0



#26

2,2-Dichloropropane

Concen: 46.009 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW009034.D

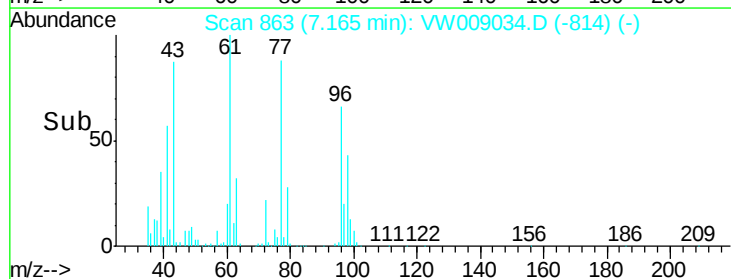
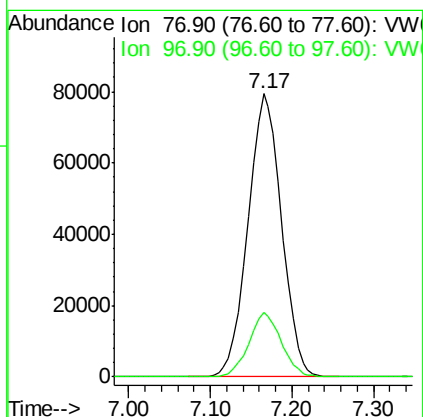
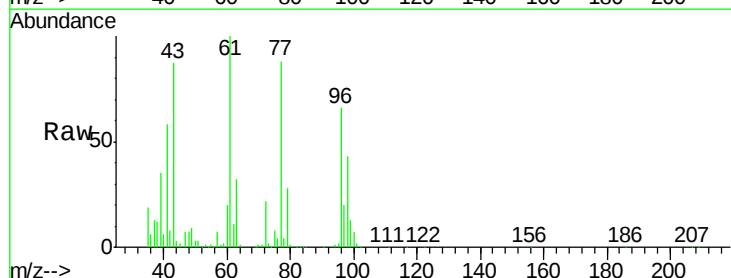
Acq: 07 Mar 2019 12:12

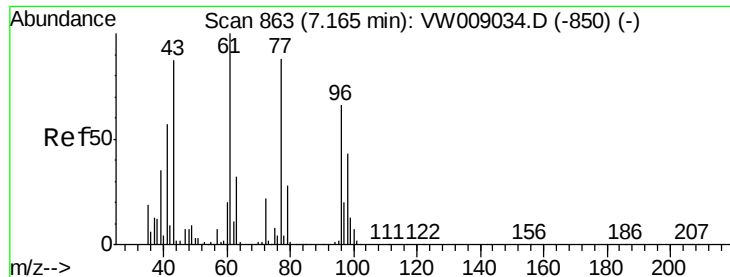
Tgt Ion: 77 Resp: 227299

Ion Ratio Lower Upper

77 100

97 21.9 10.9 32.9



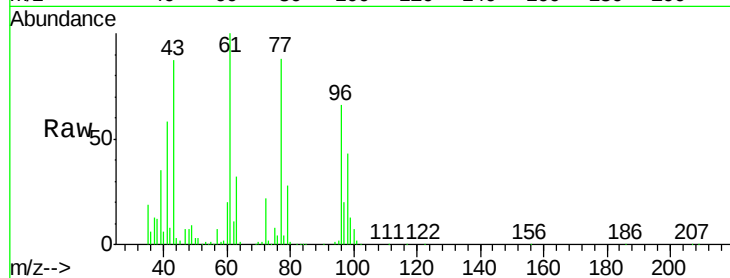


#27

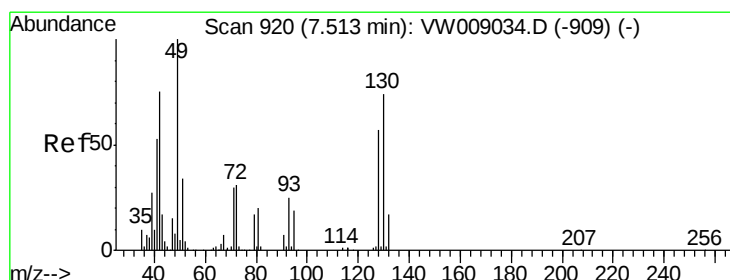
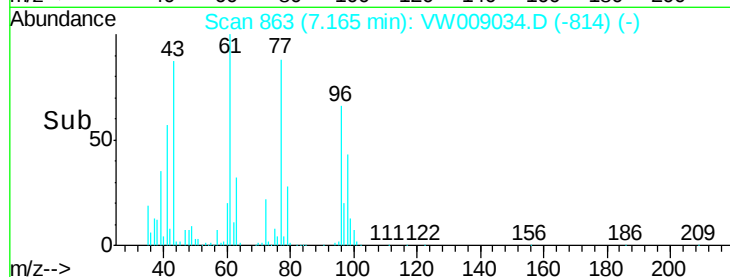
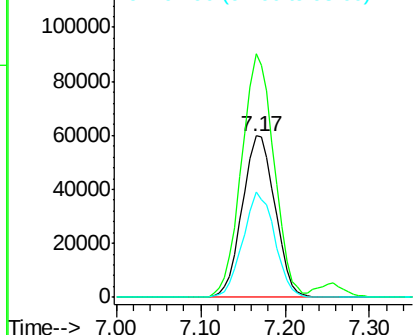
cis-1,2-Dichloroethene
Concen: 47.760 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW009034.D
Acq: 07 Mar 2019 12:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 156888
Ion Ratio Lower Upper
96 100
61 149.9 0.0 299.8
98 63.6 0.0 127.2



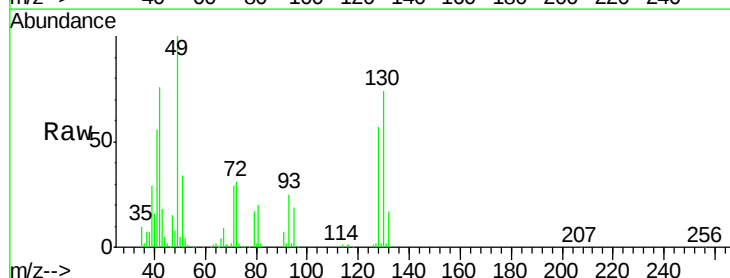
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



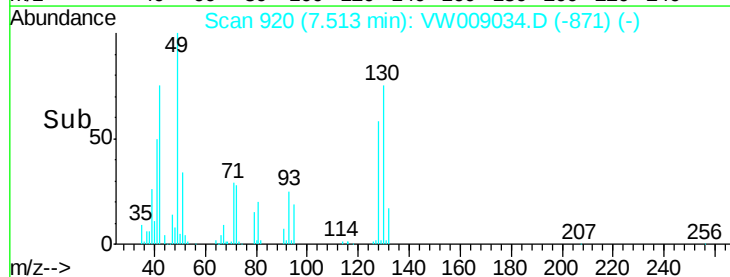
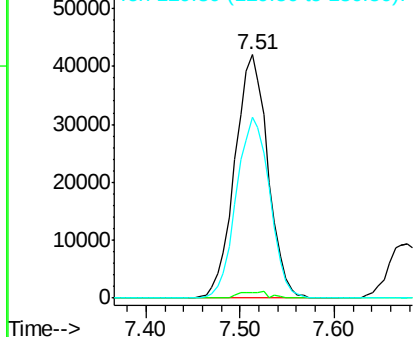
#28

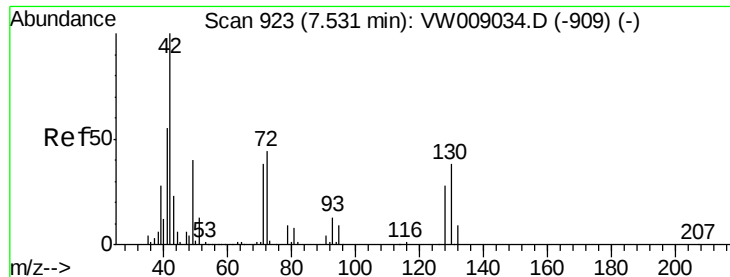
Bromochloromethane
Concen: 46.083 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW009034.D
Acq: 07 Mar 2019 12:12

Tgt Ion: 49 Resp: 103123
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.6
130 75.5 60.4 90.6



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

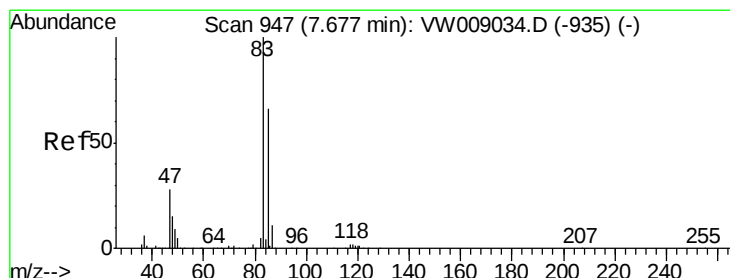
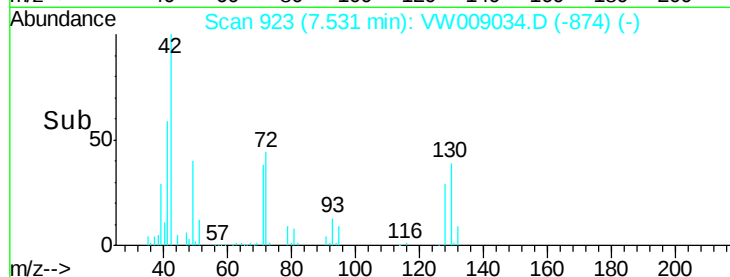
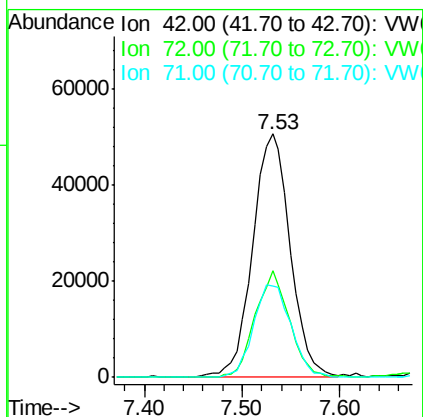
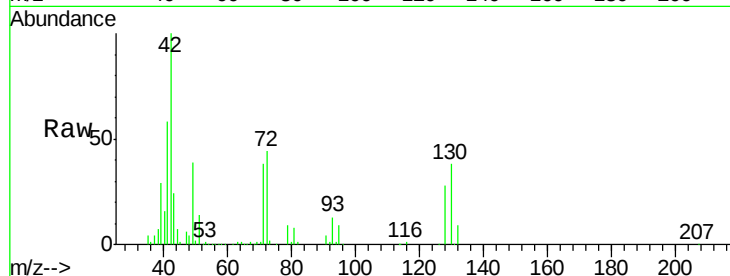




#29
Tetrahydrofuran
Concen: 227.021 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW009034.D
Acq: 07 Mar 2019 12:12

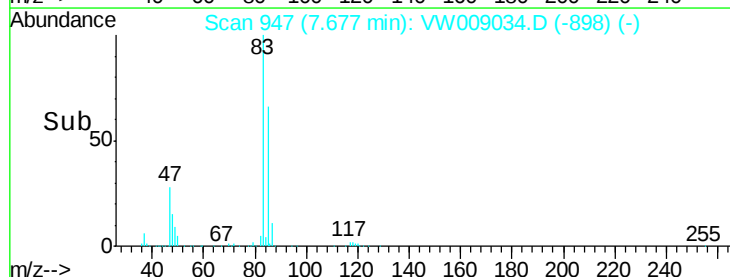
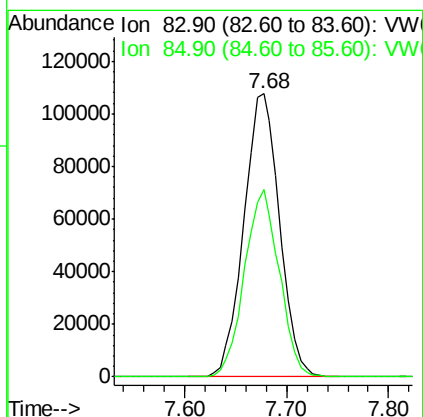
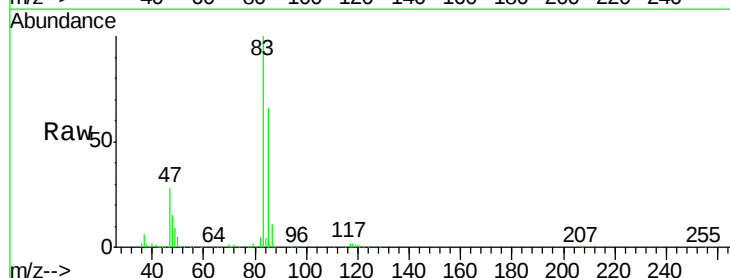
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

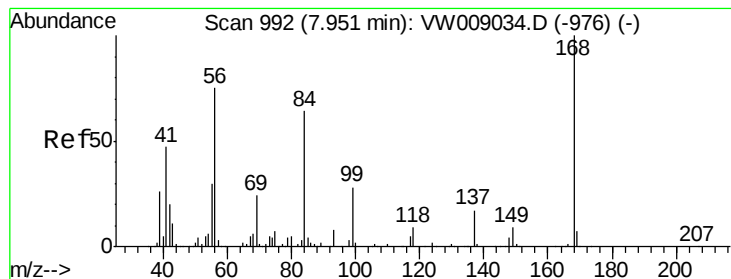
Tgt Ion: 42 Resp: 134408
Ion Ratio Lower Upper
42 100
72 40.3 32.2 48.4
71 38.4 30.7 46.1



#30
Chloroform
Concen: 47.437 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW009034.D
Acq: 07 Mar 2019 12:12

Tgt Ion: 83 Resp: 262097
Ion Ratio Lower Upper
83 100
85 66.3 53.0 79.6





#31

Cyclohexane

Concen: 45.385 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW009034.D

Acq: 07 Mar 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

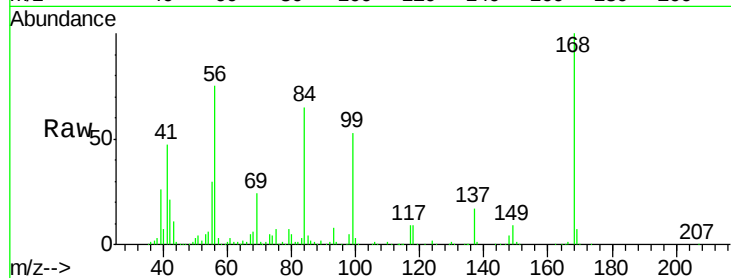
Tgt Ion: 56 Resp: 249685

Ion Ratio Lower Upper

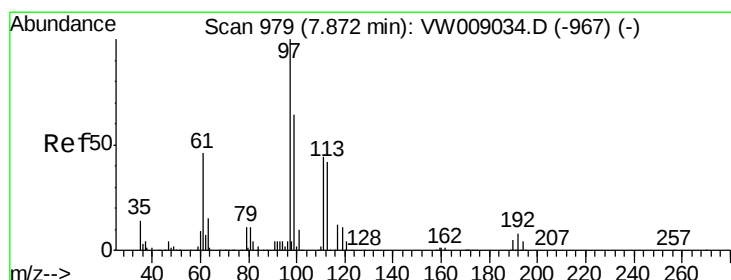
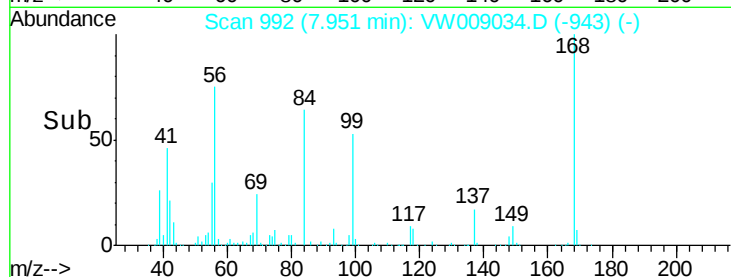
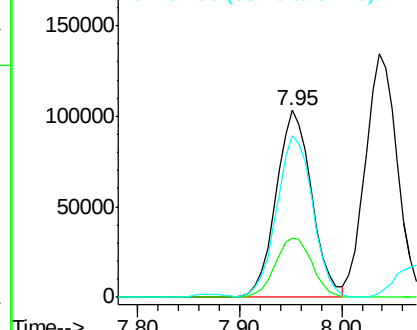
56 100

69 31.9 25.5 38.3

84 85.8 68.6 103.0



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



#32

1,1,1-Trichloroethane

Concen: 47.262 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW009034.D

Acq: 07 Mar 2019 12:12

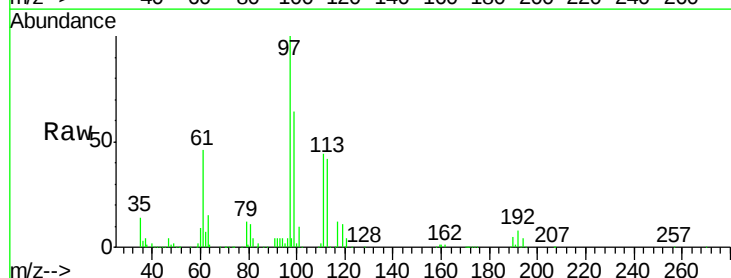
Tgt Ion: 97 Resp: 240475

Ion Ratio Lower Upper

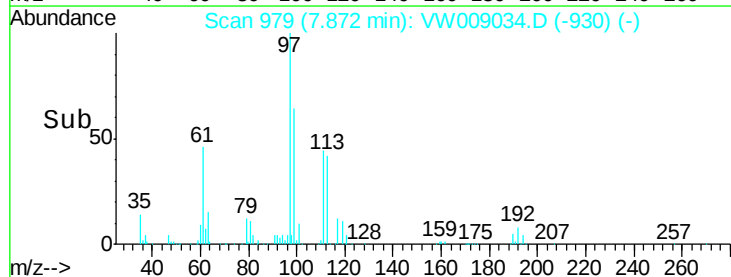
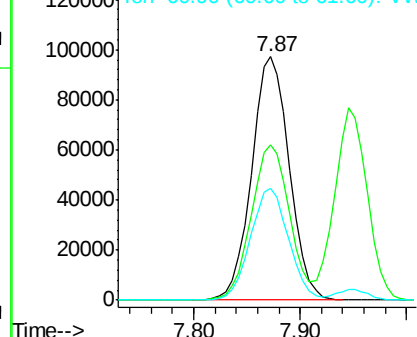
97 100

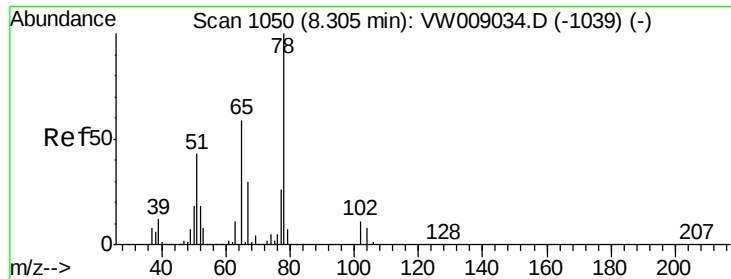
99 64.8 51.8 77.8

61 46.6 37.3 55.9



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

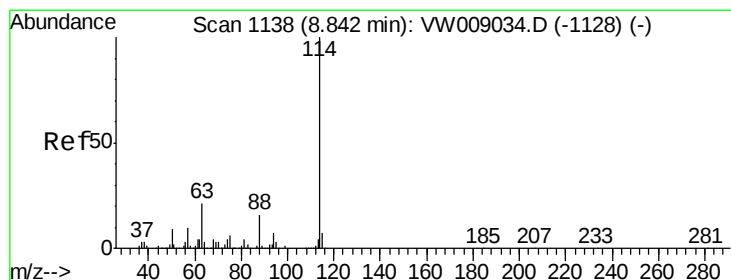
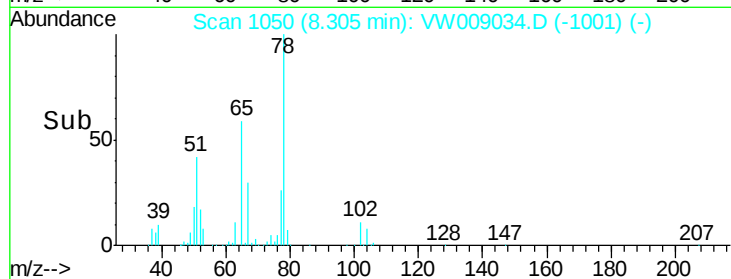
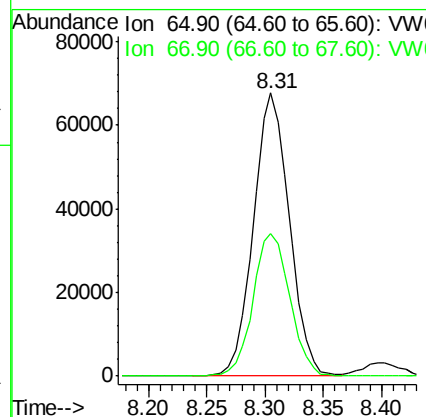
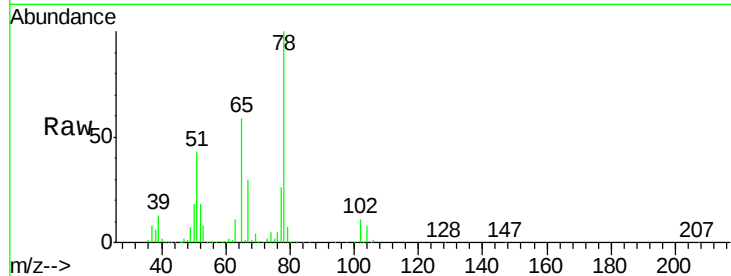




#33
 1,2-Dichloroethane-d4
 Concen: 48.003 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW009034.D
 Acq: 07 Mar 2019 12:12

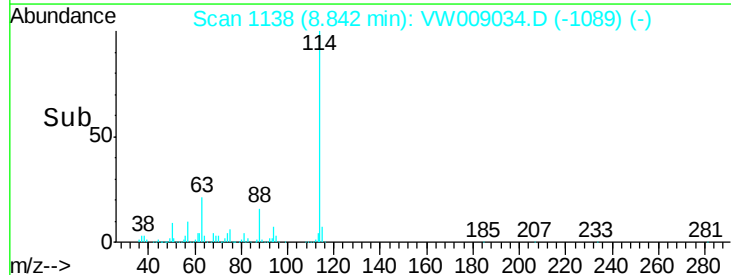
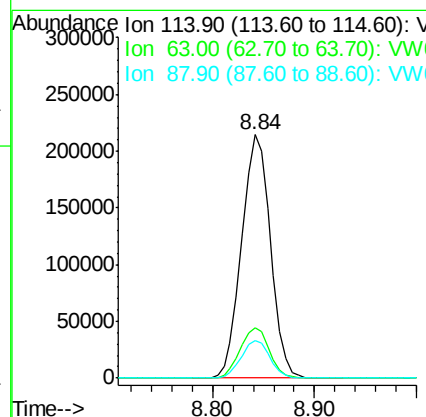
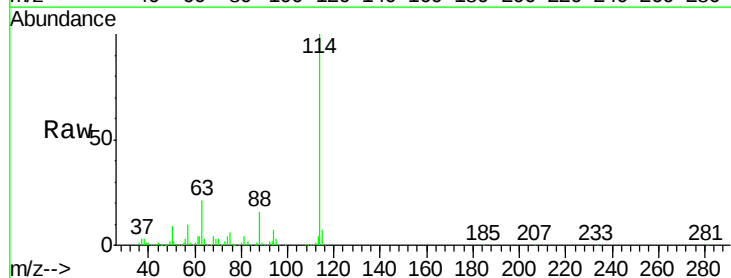
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

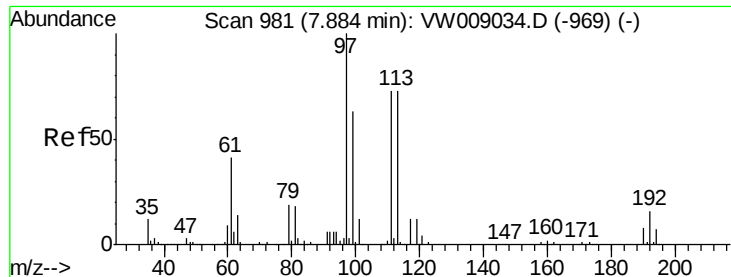
Tgt Ion: 65 Resp: 146108
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009034.D
 Acq: 07 Mar 2019 12:12

Tgt Ion: 114 Resp: 420032
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.2
 88 15.6 0.0 31.2





#35

Dibromofluoromethane

Concen: 51.860 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW009034.D

Acq: 07 Mar 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

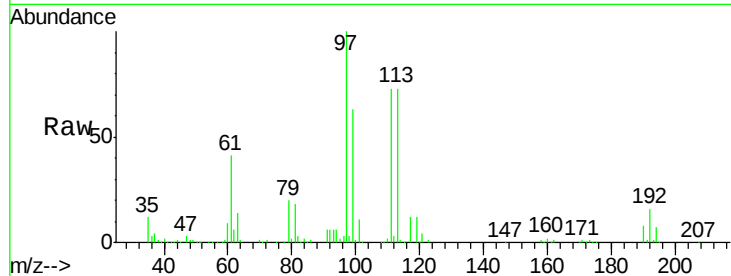
Tgt Ion: 113 Resp: 131378

Ion Ratio Lower Upper

113 100

111 101.2 81.0 121.4

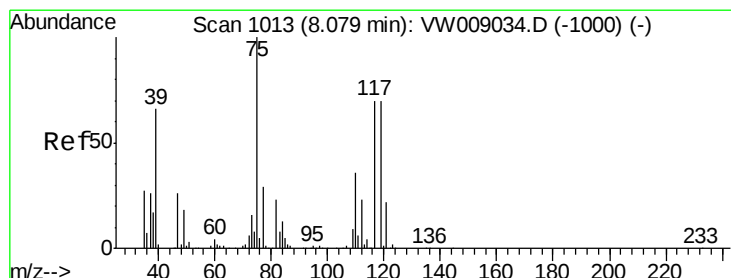
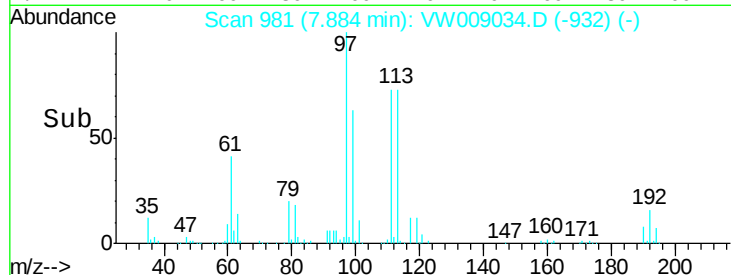
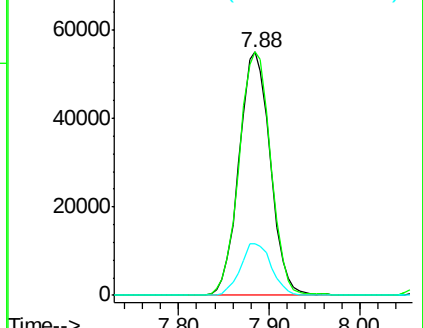
192 21.4 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.990 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW009034.D

Acq: 07 Mar 2019 12:12

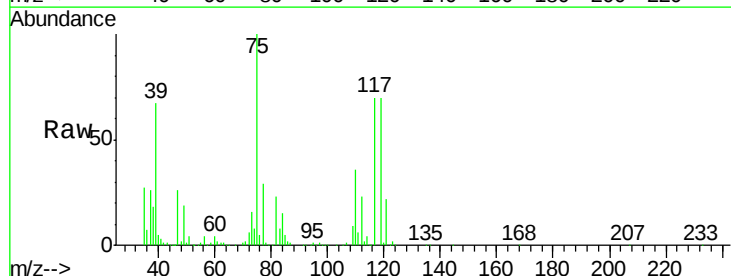
Tgt Ion: 75 Resp: 208567

Ion Ratio Lower Upper

75 100

110 35.3 17.6 52.9

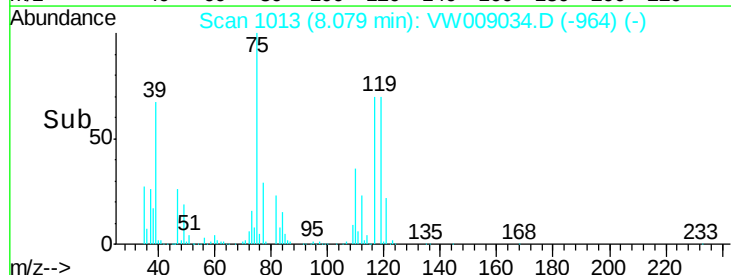
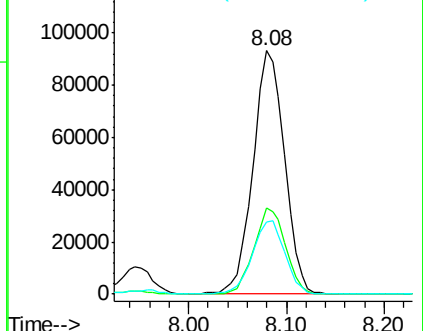
77 31.4 25.1 37.7

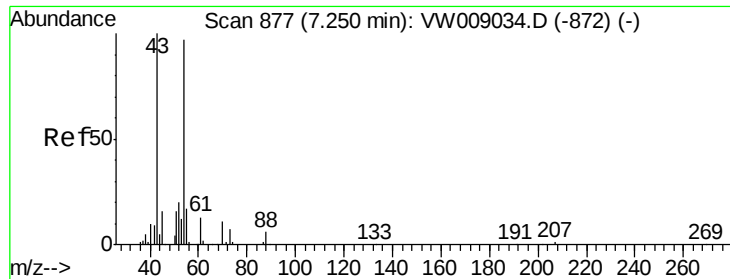


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

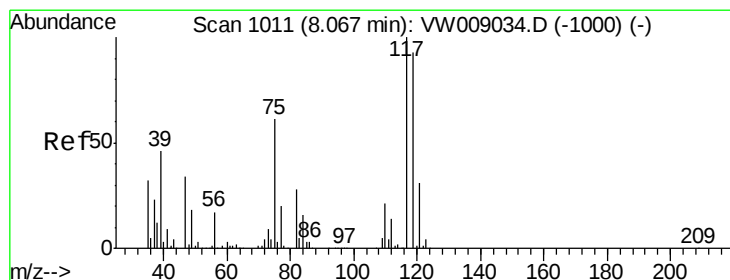
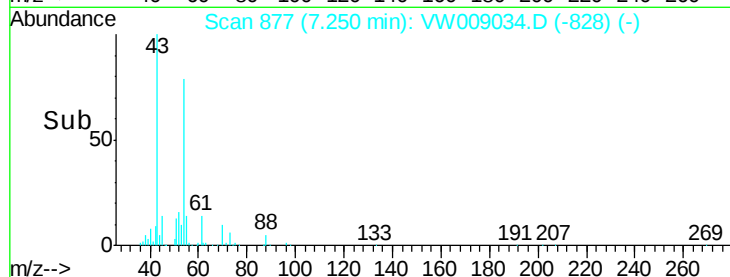
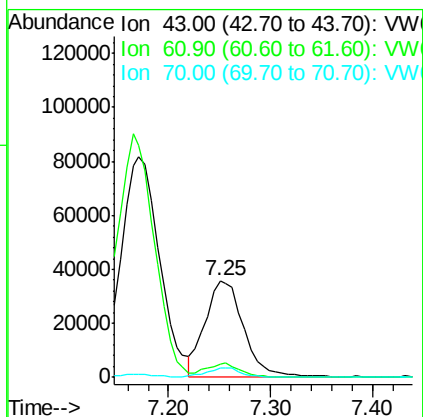
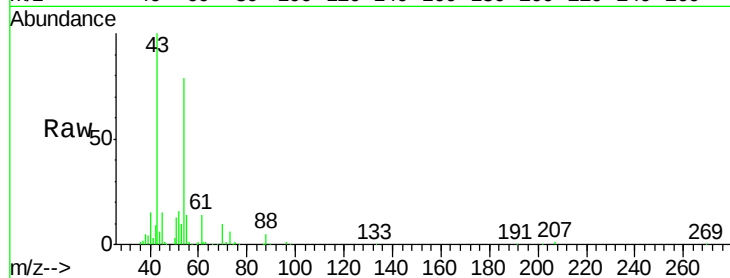




#37
Ethyl Acetate
Concen: 45.315 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW009034.D
Acq: 07 Mar 2019 12:12

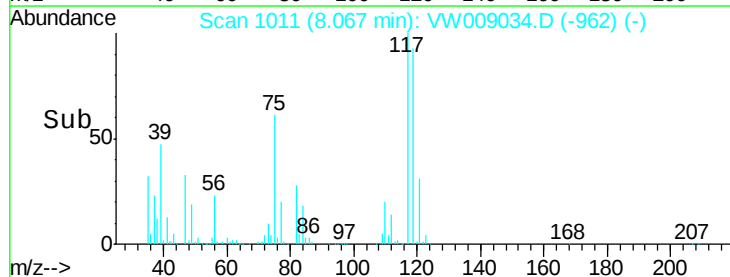
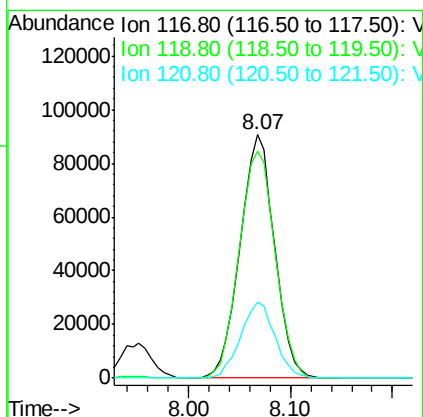
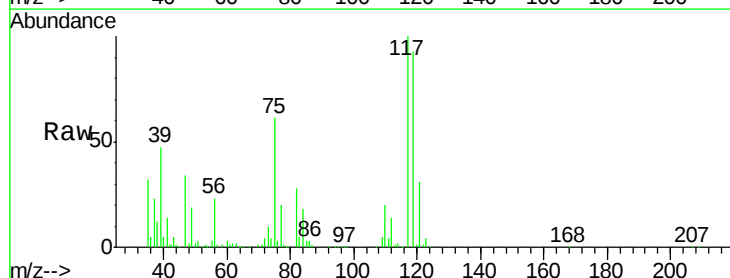
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

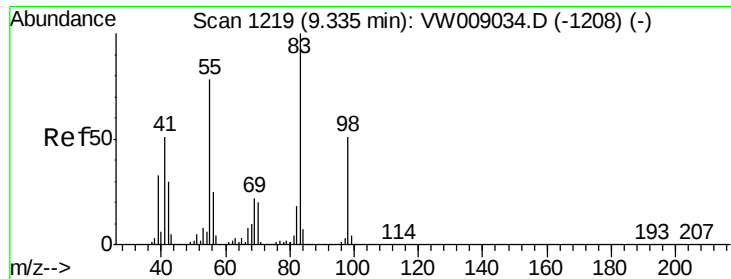
Tgt Ion: 43 Resp: 92524
Ion Ratio Lower Upper
43 100
61 12.2 9.8 14.6
70 9.0 7.2 10.8



#38
Carbon Tetrachloride
Concen: 47.223 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW009034.D
Acq: 07 Mar 2019 12:12

Tgt Ion: 117 Resp: 212697
Ion Ratio Lower Upper
117 100
119 93.3 74.6 112.0
121 30.9 24.7 37.1

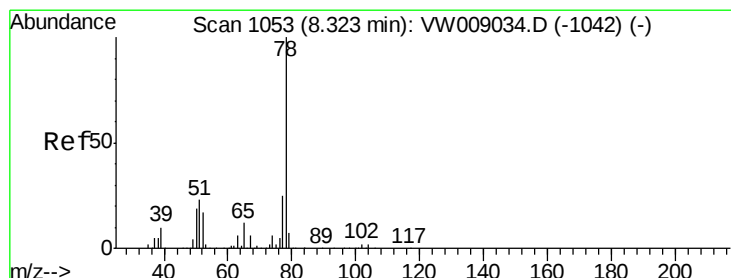
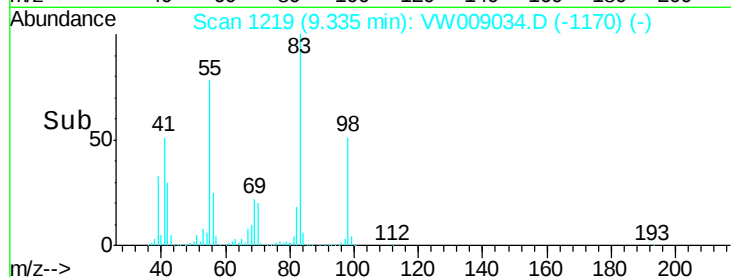
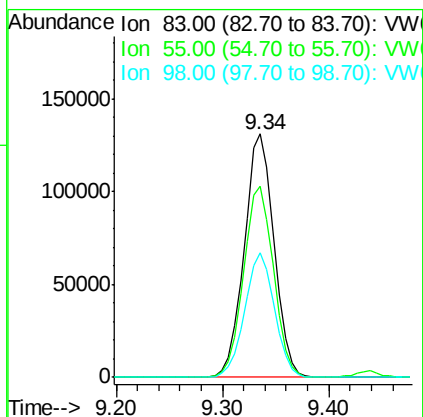
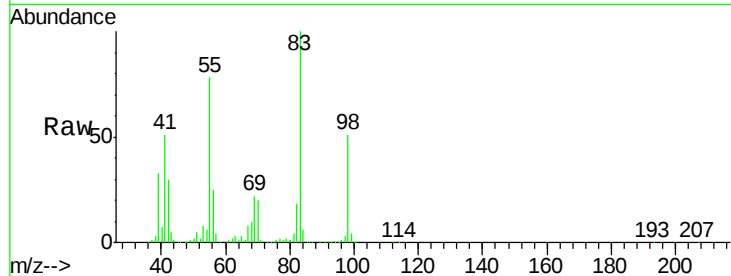




#39
Methylcyclohexane
Concen: 49.631 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW009034.D
Acq: 07 Mar 2019 12:12

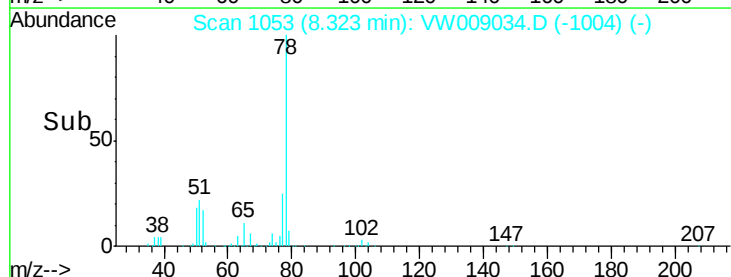
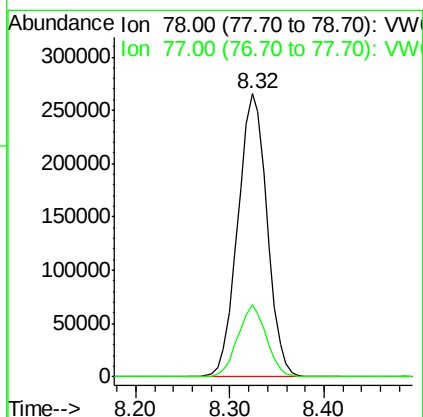
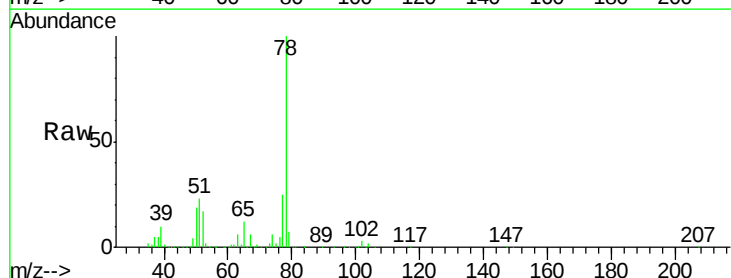
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

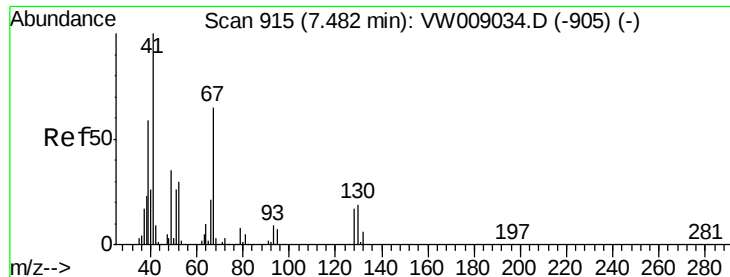
Tgt Ion: 83 Resp: 258343
Ion Ratio Lower Upper
83 100
55 78.4 62.7 94.1
98 51.0 40.8 61.2



#40
Benzene
Concen: 49.788 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW009034.D
Acq: 07 Mar 2019 12:12

Tgt Ion: 78 Resp: 575331
Ion Ratio Lower Upper
78 100
77 25.3 20.2 30.4

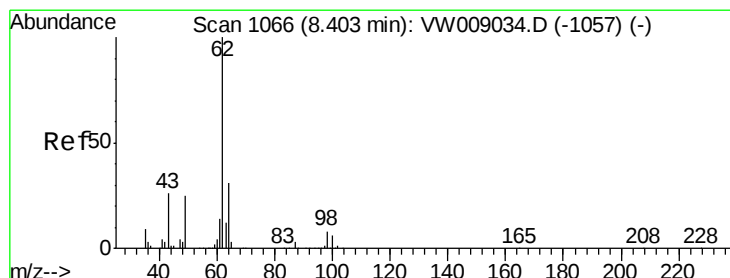
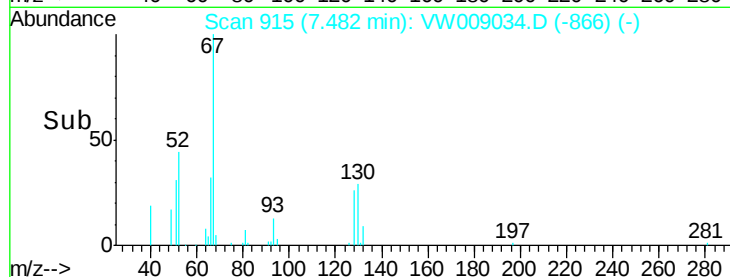
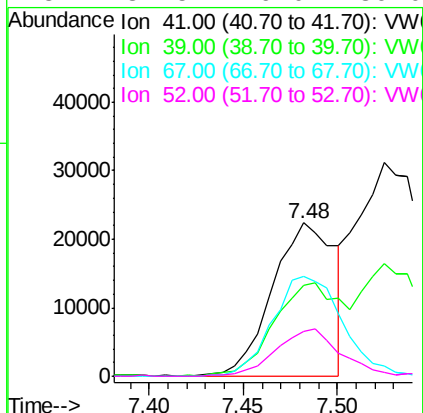
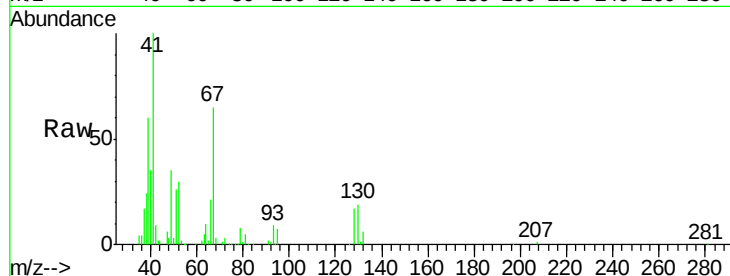




#41
Methacrylonitrile
Concen: 48.084 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW009034.D
Acq: 07 Mar 2019 12:12

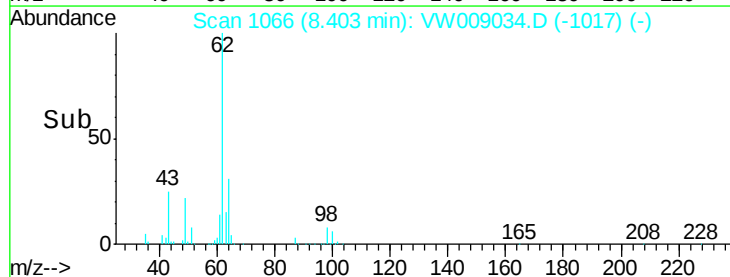
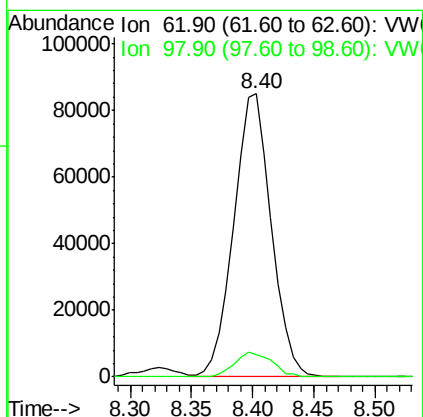
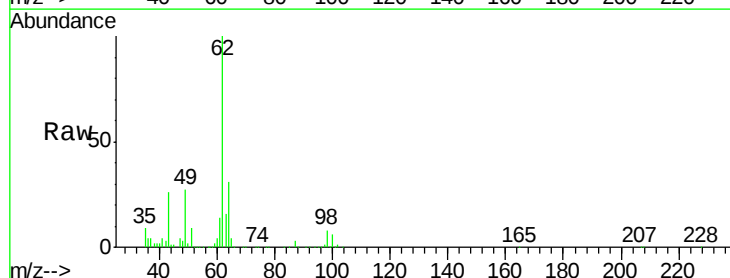
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

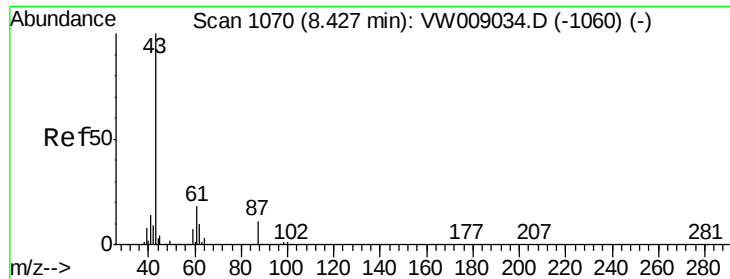
Tgt Ion:	41	Resp:	51738
Ion	Ratio	Lower	Upper
41	100		
39	67.0	53.6	80.4
67	72.0	57.6	86.4
52	32.5	26.0	39.0



#42
1,2-Dichloroethane
Concen: 47.900 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW009034.D
Acq: 07 Mar 2019 12:12

Tgt Ion:	62	Resp:	180377
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.6





#43

Isopropyl Acetate

Concen: 48.383 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW009034.D

Acq: 07 Mar 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

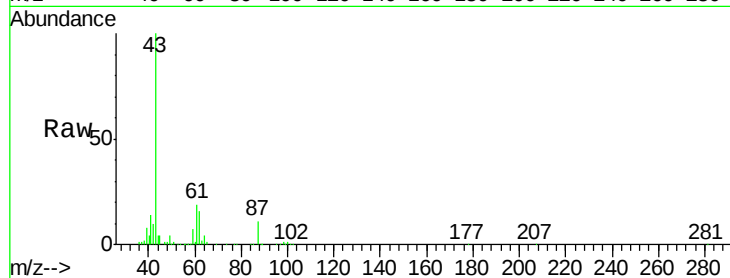
Tgt Ion: 43 Resp: 184789

Ion Ratio Lower Upper

43 100

61 28.5 22.8 34.2

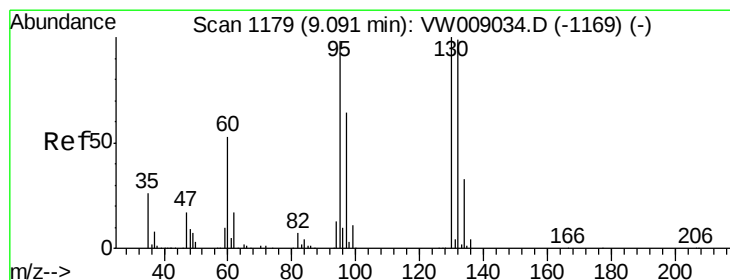
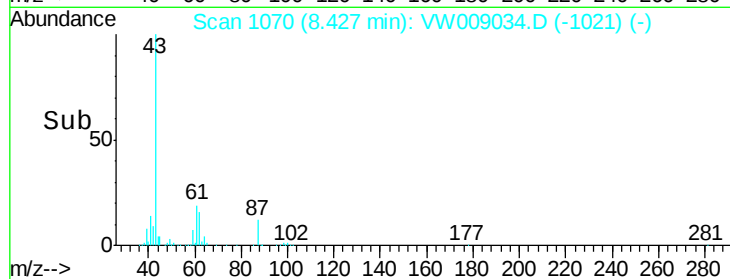
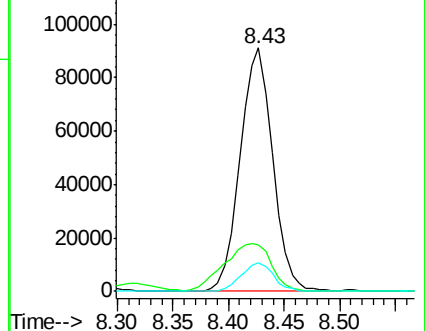
87 11.8 9.4 14.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 48.130 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW009034.D

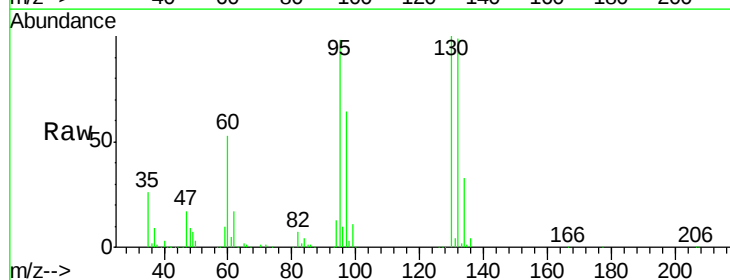
Acq: 07 Mar 2019 12:12

Tgt Ion: 130 Resp: 156370

Ion Ratio Lower Upper

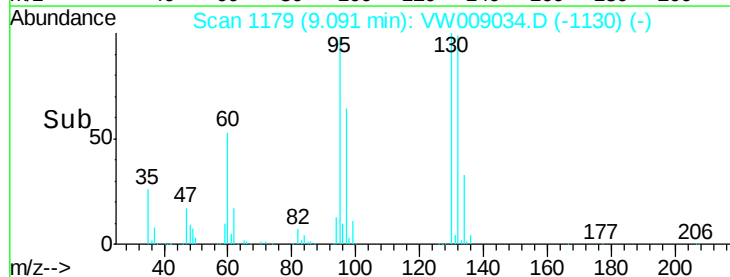
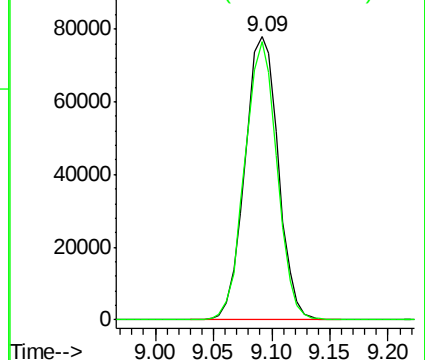
130 100

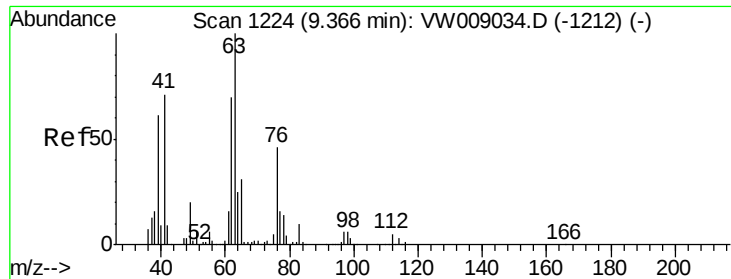
95 98.5 0.0 197.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

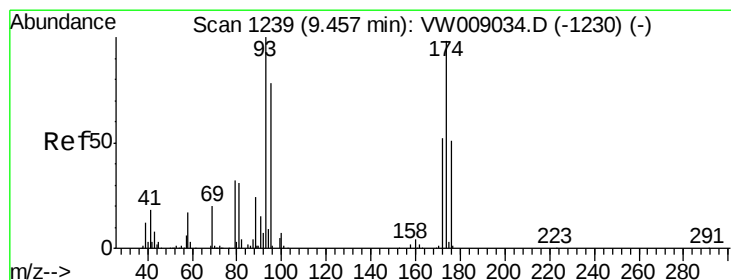
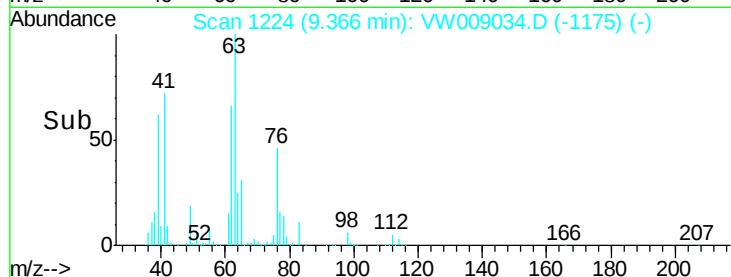
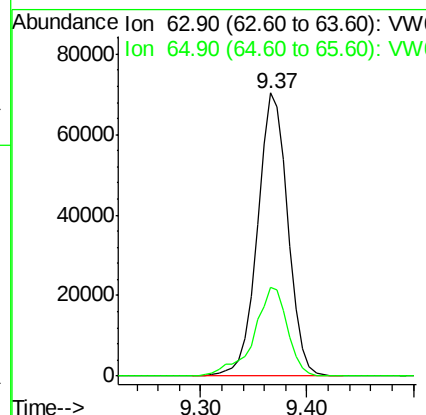
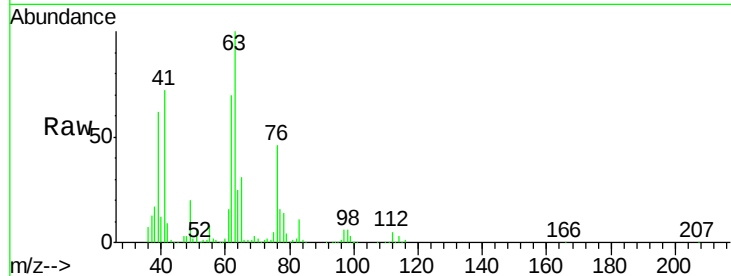




#45
 1,2-Dichloropropane
 Concen: 48.804 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW009034.D
 Acq: 07 Mar 2019 12:12

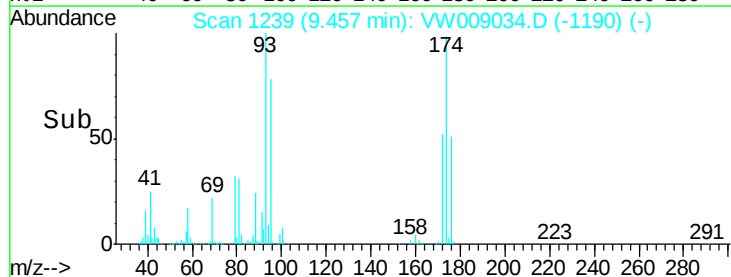
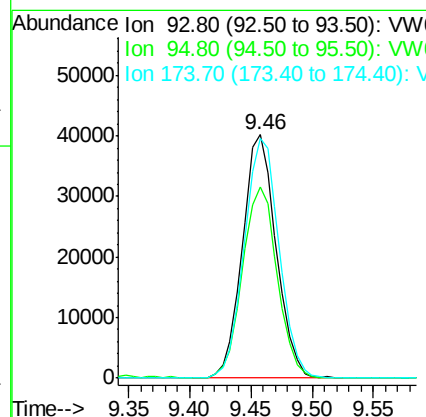
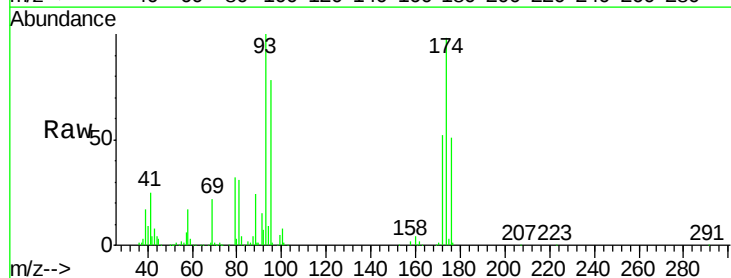
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

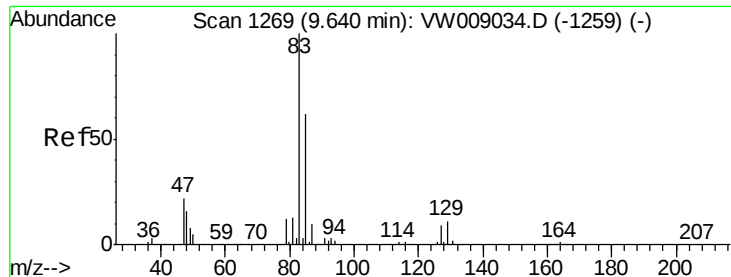
Tgt Ion: 63 Resp: 140292
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.9 37.3



#46
 Dibromomethane
 Concen: 47.988 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW009034.D
 Acq: 07 Mar 2019 12:12

Tgt Ion: 93 Resp: 76619
 Ion Ratio Lower Upper
 93 100
 95 81.3 65.0 97.6
 174 102.2 81.8 122.6

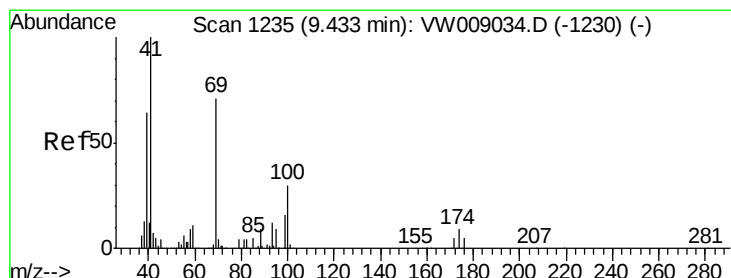
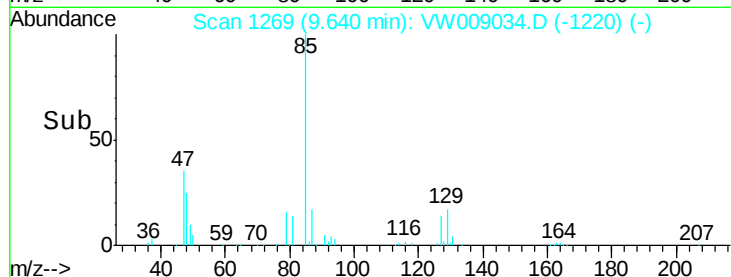
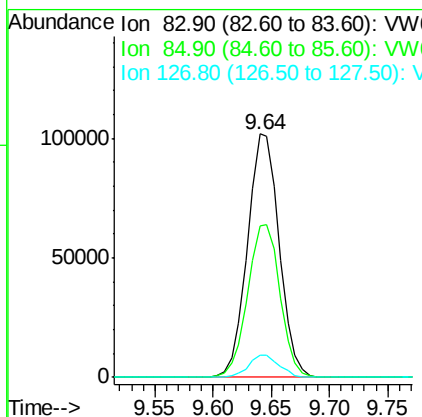
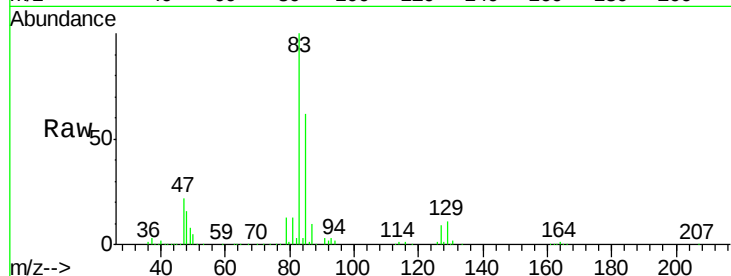




#47
Bromodichloromethane
Concen: 48.198 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW009034.D
Acq: 07 Mar 2019 12:12

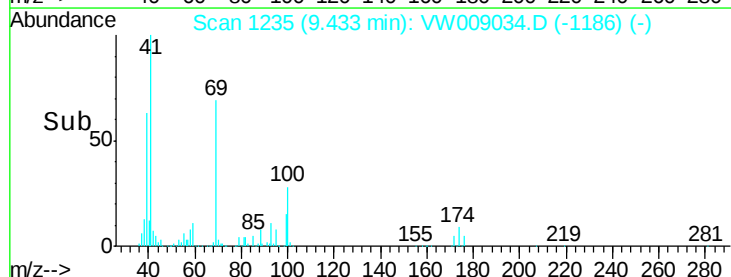
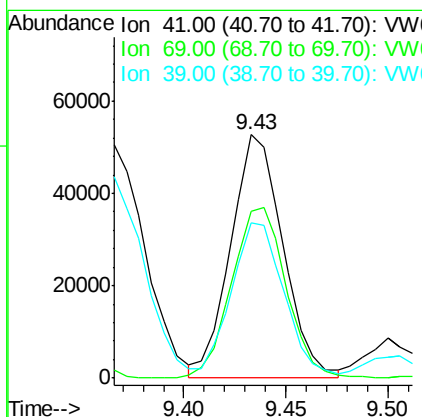
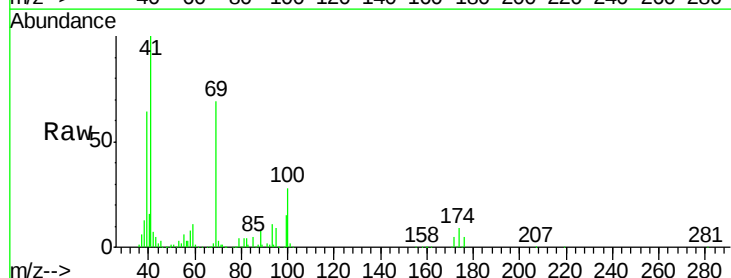
Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

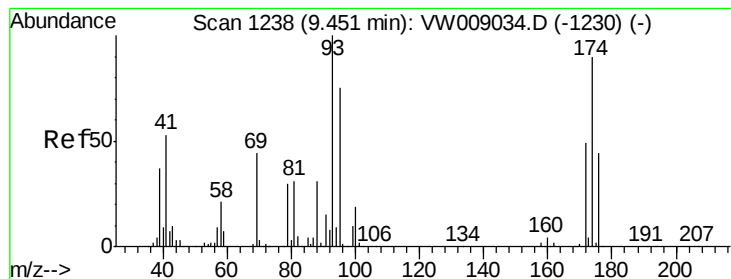
Tgt Ion: 83 Resp: 193967
Ion Ratio Lower Upper
83 100
85 62.4 49.9 74.9
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 51.808 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW009034.D
Acq: 07 Mar 2019 12:12

Tgt Ion: 41 Resp: 93303
Ion Ratio Lower Upper
41 100
69 73.9 59.1 88.7
39 61.1 48.9 73.3





#49

1,4-Dioxane

Concen: 980.162 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.00 min

Lab File: VW009034.D

Acq: 07 Mar 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

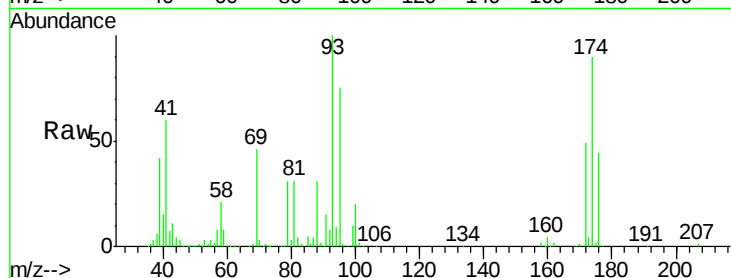
Tgt Ion: 88 Resp: 22975

Ion Ratio Lower Upper

88 100

43 36.2 29.0 43.4

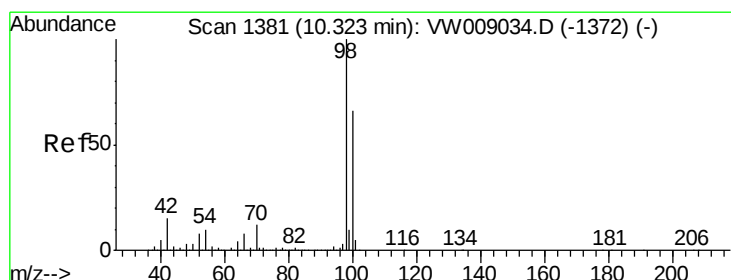
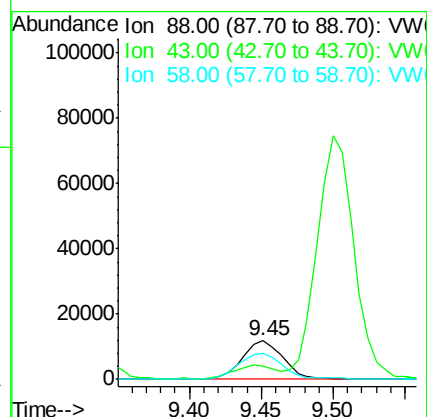
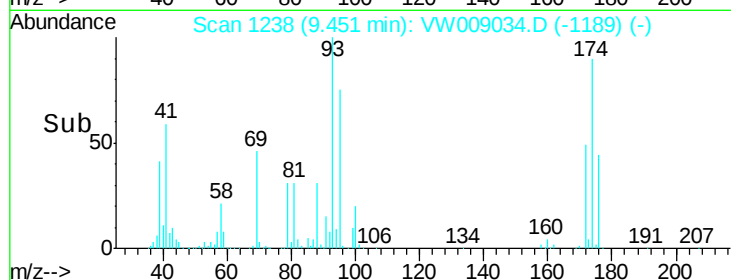
58 74.0 59.2 88.8



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 53.451 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009034.D

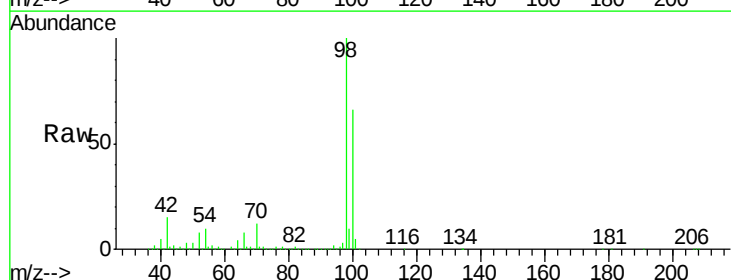
Acq: 07 Mar 2019 12:12

Tgt Ion: 98 Resp: 559983

Ion Ratio Lower Upper

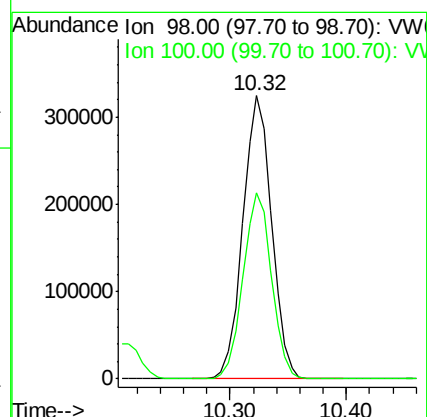
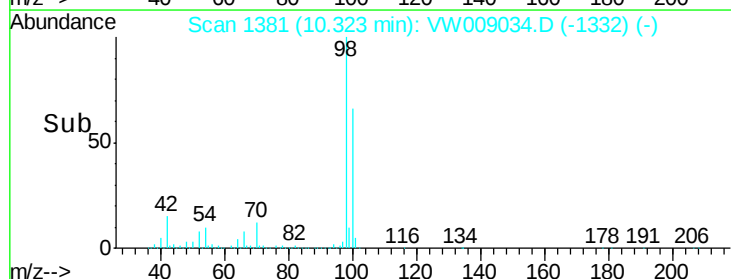
98 100

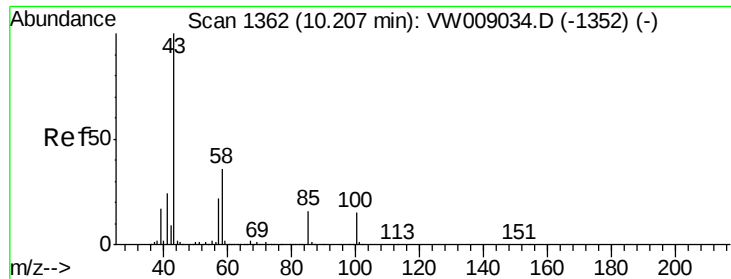
100 64.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

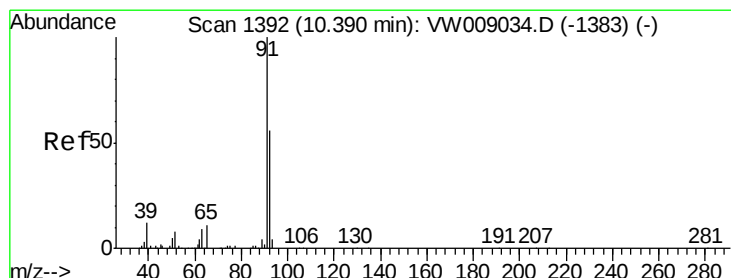
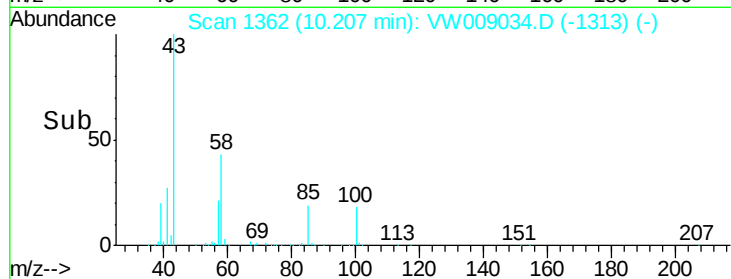
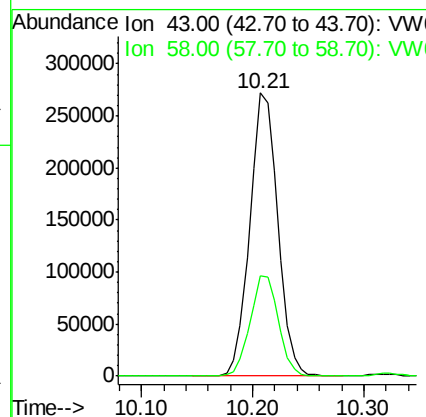
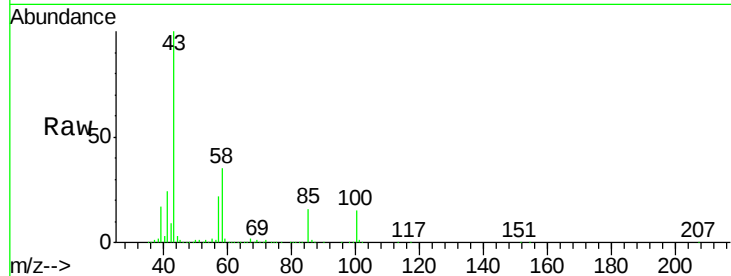




#51
 4-Methyl-2-Pentanone
 Concen: 244.226 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW009034.D
 Acq: 07 Mar 2019 12:12

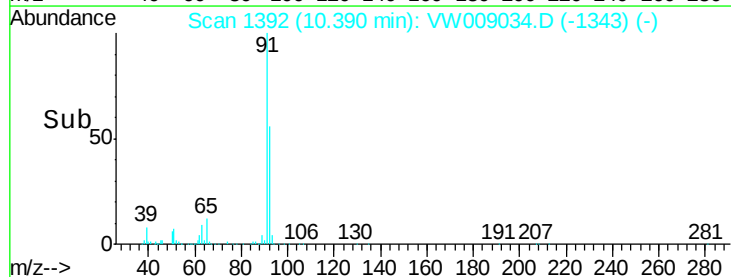
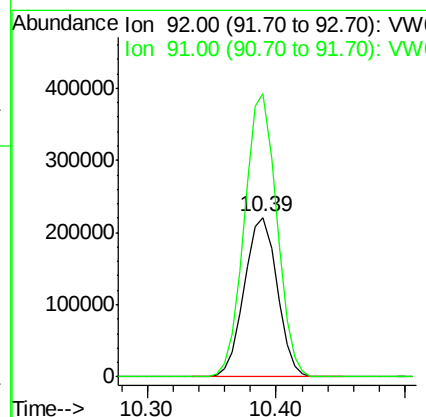
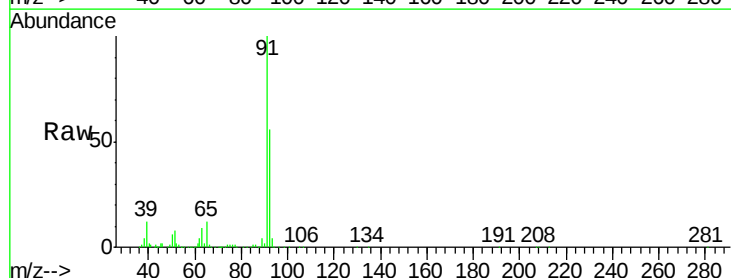
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

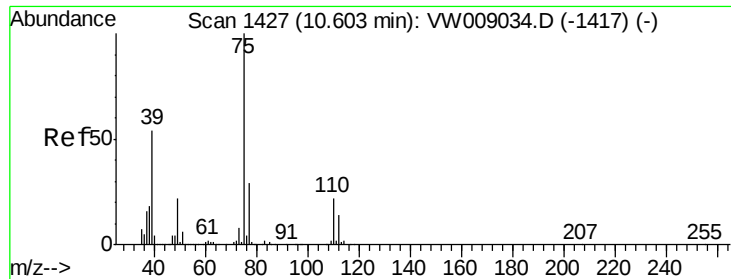
Tgt Ion: 43 Resp: 475417
 Ion Ratio Lower Upper
 43 100
 58 36.0 28.8 43.2



#52
 Toluene
 Concen: 49.517 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW009034.D
 Acq: 07 Mar 2019 12:12

Tgt Ion: 92 Resp: 390278
 Ion Ratio Lower Upper
 92 100
 91 174.9 139.9 209.9





#53

t-1,3-Dichloropropene

Concen: 49.767 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW009034.D

Acq: 07 Mar 2019 12:12

Instrument :

MSVOA_W

ClientSampled :

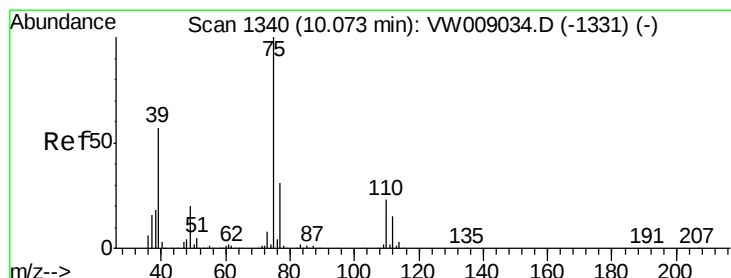
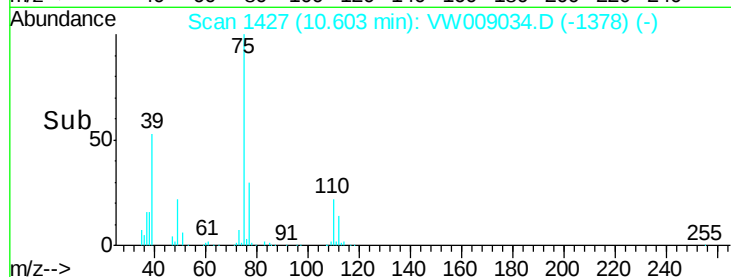
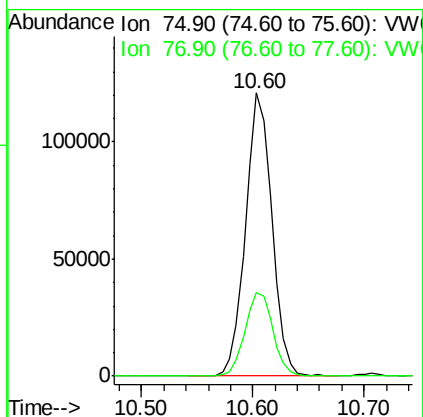
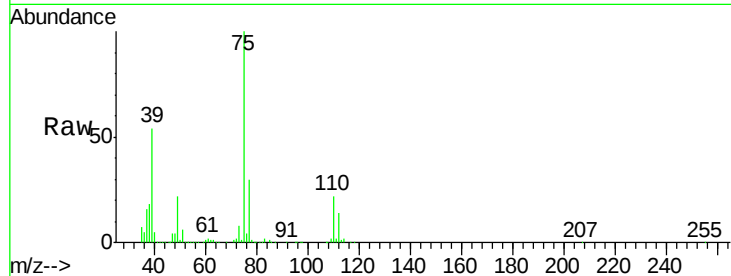
VSTDICCC050

Tgt Ion: 75 Resp: 199161

Ion Ratio Lower Upper

75 100

77 29.5 23.6 35.4



#54

cis-1,3-Dichloropropene

Concen: 49.442 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW009034.D

Acq: 07 Mar 2019 12:12

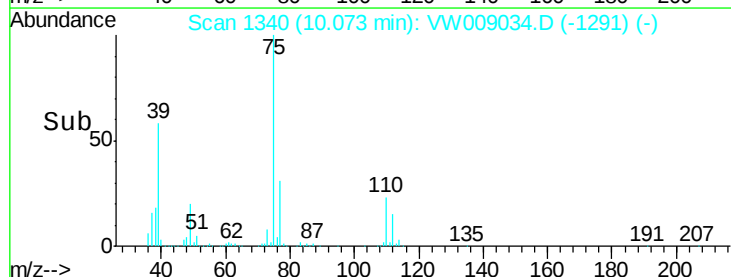
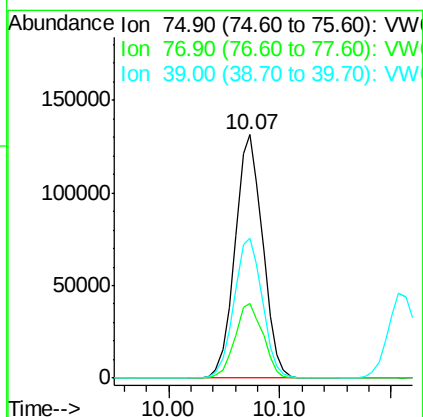
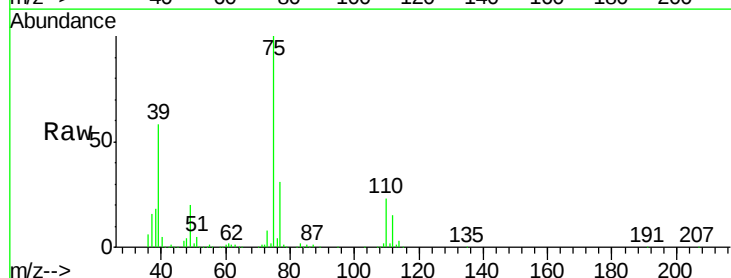
Tgt Ion: 75 Resp: 225759

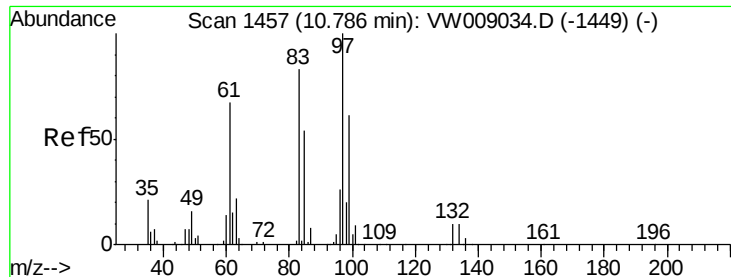
Ion Ratio Lower Upper

75 100

77 30.7 24.6 36.8

39 57.4 45.9 68.9

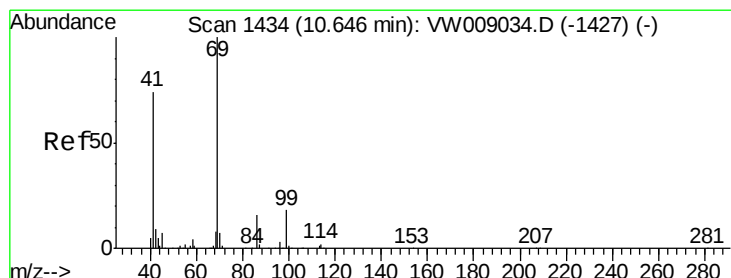
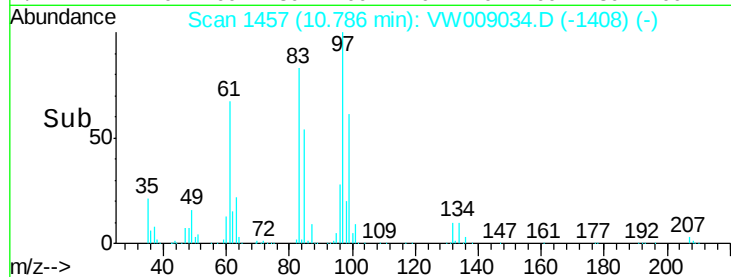
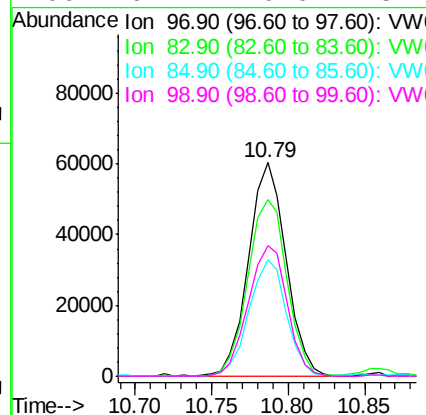
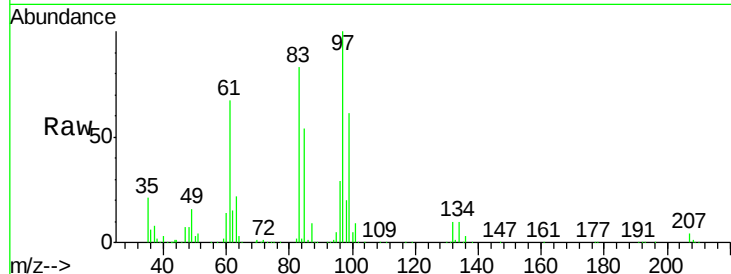




#55
 1,1,2-Trichloroethane
 Concen: 47.378 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW009034.D
 Acq: 07 Mar 2019 12:12

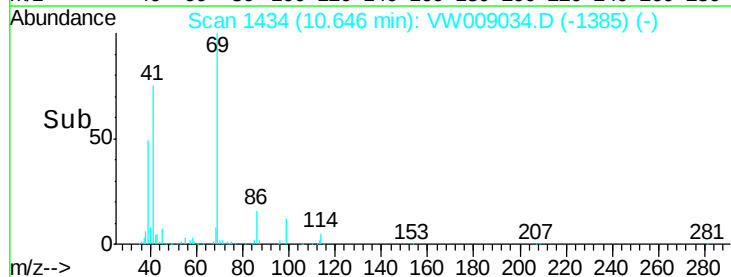
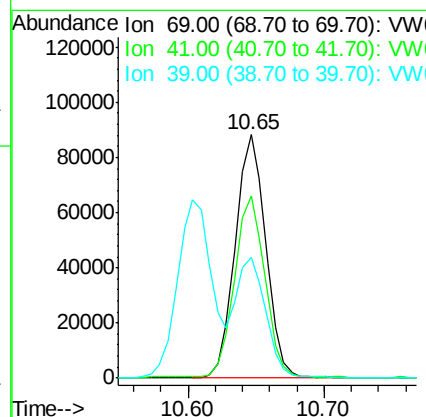
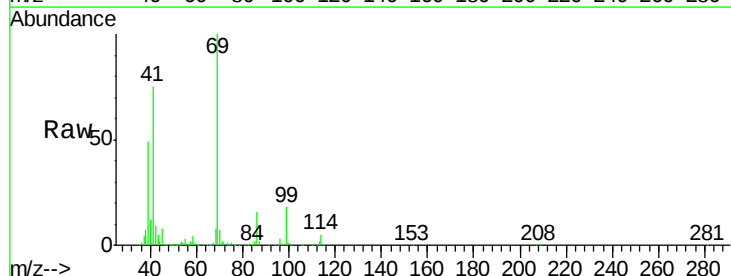
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

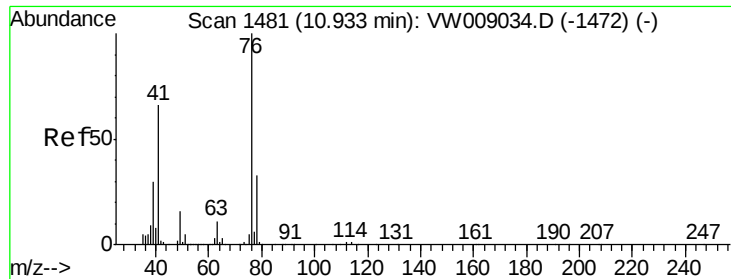
Tgt Ion:	97	Resp:	102506
Ion	Ratio	Lower	Upper
97	100		
83	82.7	66.2	99.2
85	54.5	43.6	65.4
99	61.2	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 50.702 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW009034.D
 Acq: 07 Mar 2019 12:12

Tgt Ion:	69	Resp:	137554
Ion	Ratio	Lower	Upper
69	100		
41	74.3	59.4	89.2
39	48.1	38.5	57.7

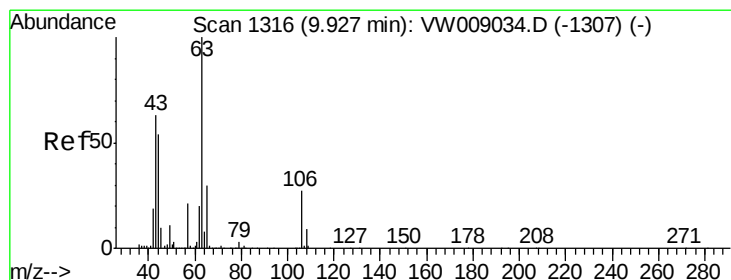
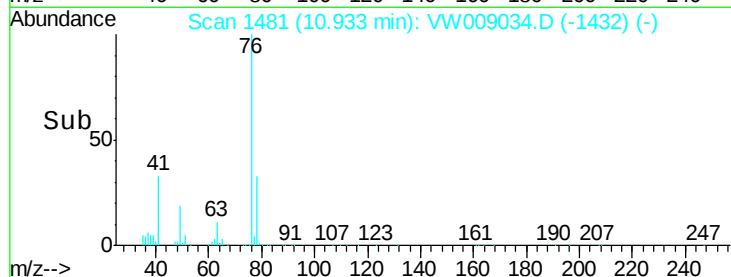
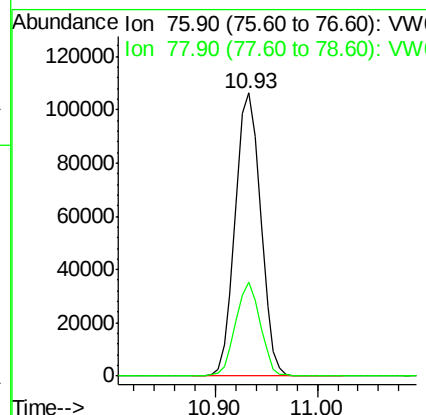
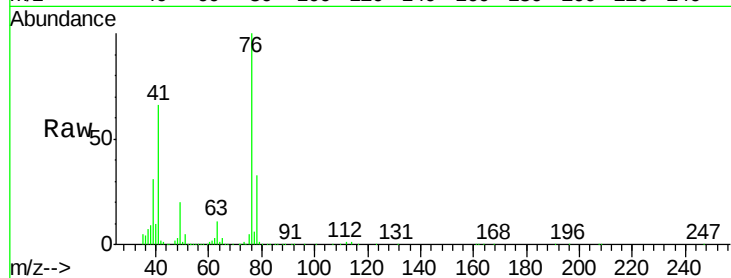




#57
 1,3-Dichloropropane
 Concen: 47.836 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW009034.D
 Acq: 07 Mar 2019 12:12

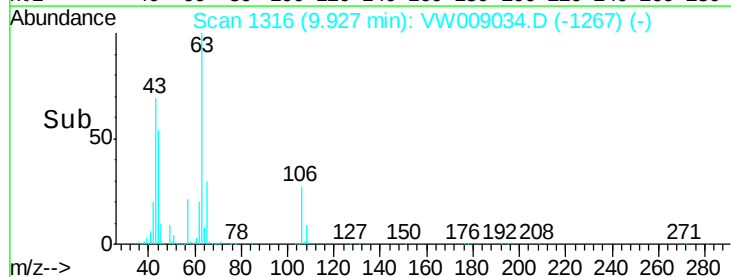
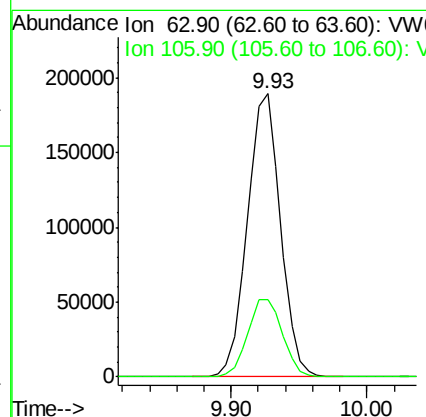
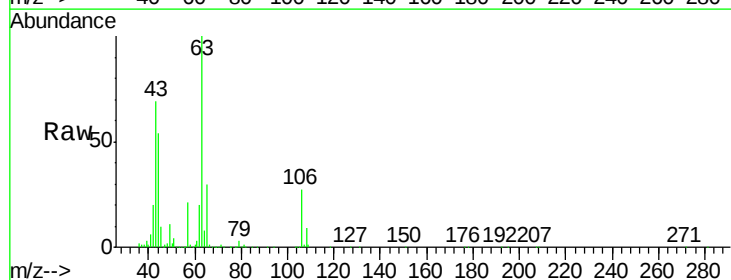
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

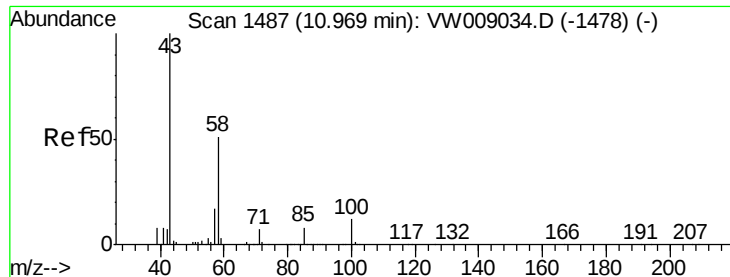
Tgt Ion: 76 Resp: 183738
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 228.561 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW009034.D
 Acq: 07 Mar 2019 12:12

Tgt Ion: 63 Resp: 322189
 Ion Ratio Lower Upper
 63 100
 106 28.8 23.0 34.6





#59

2-Hexanone

Concen: 253.472 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW009034.D

Acq: 07 Mar 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

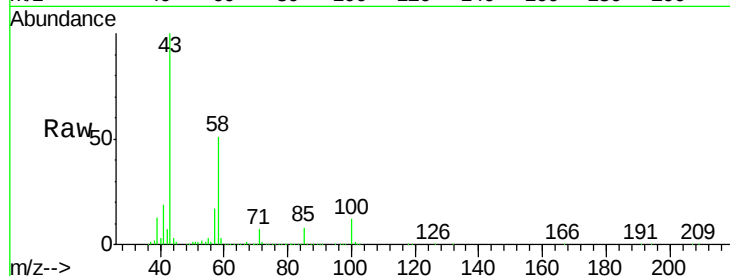
VSTDICCC050

Tgt Ion: 43 Resp: 348347

Ion Ratio Lower Upper

43 100

58 50.6 25.3 75.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

250000

200000

150000

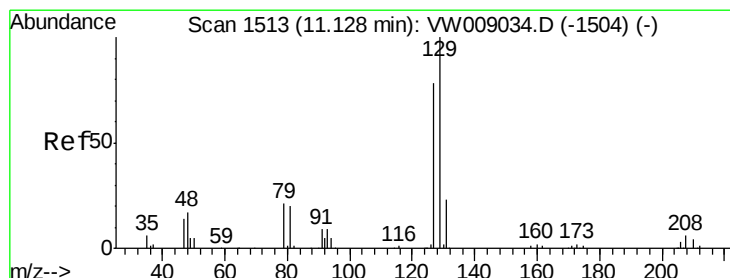
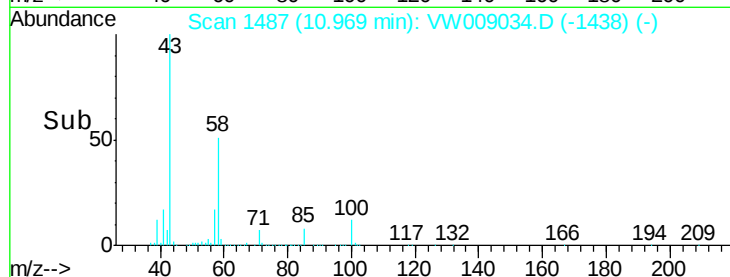
100000

50000

0

10.90 11.00

Time-->



#60

Dibromochloromethane

Concen: 49.328 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW009034.D

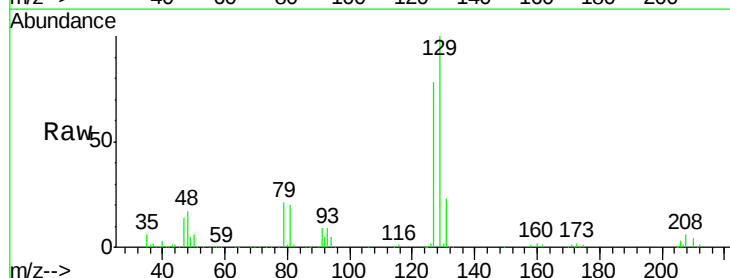
Acq: 07 Mar 2019 12:12

Tgt Ion: 129 Resp: 131127

Ion Ratio Lower Upper

129 100

127 76.7 38.4 115.1



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

80000

60000

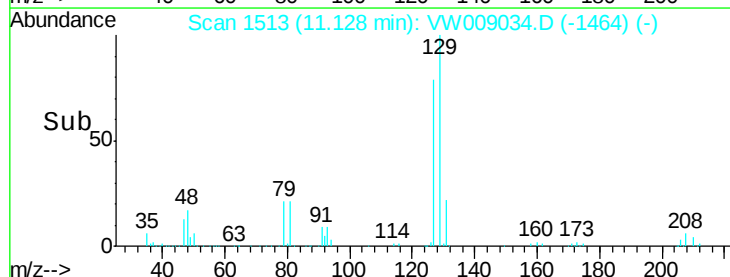
40000

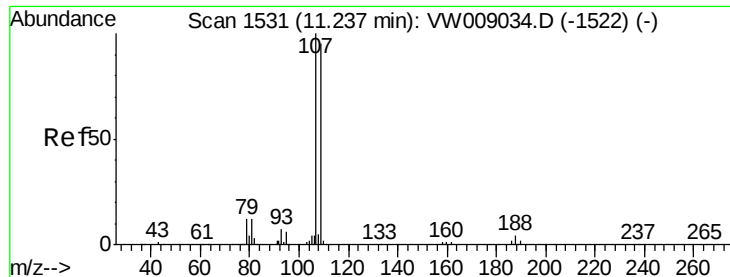
20000

0

11.10 11.20

Time-->





#61

1,2-Dibromoethane

Concen: 48.387 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW009034.D

Acq: 07 Mar 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

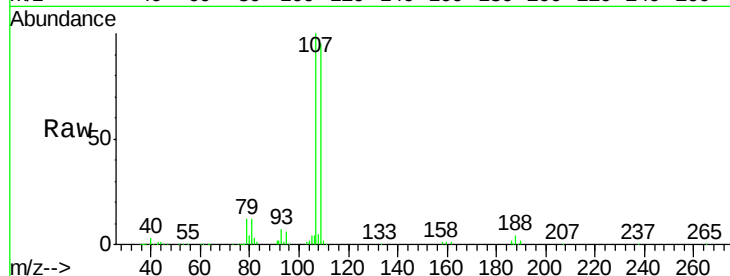
VSTDICCC050

Tgt Ion: 107 Resp: 101742

Ion Ratio Lower Upper

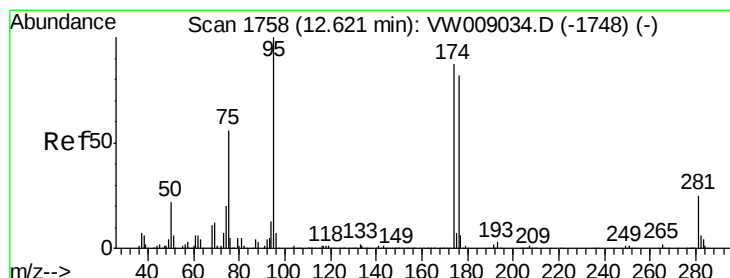
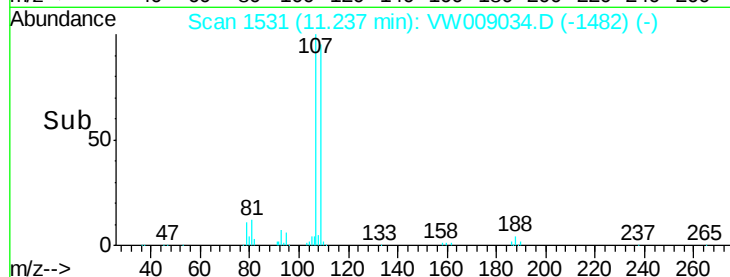
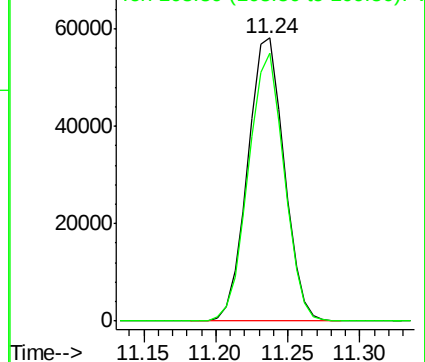
107 100

109 93.4 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.526 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW009034.D

Acq: 07 Mar 2019 12:12

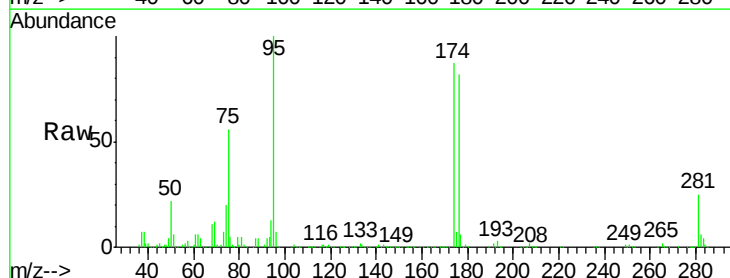
Tgt Ion: 95 Resp: 212208

Ion Ratio Lower Upper

95 100

174 83.5 0.0 167.0

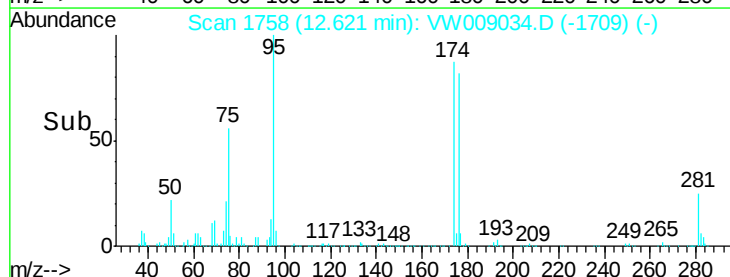
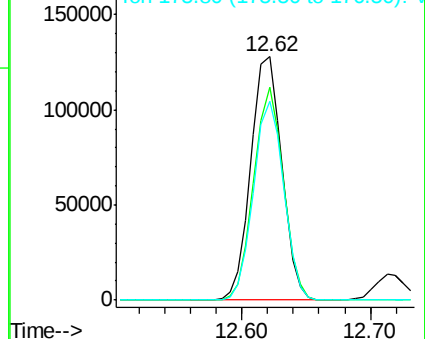
176 79.7 0.0 159.4

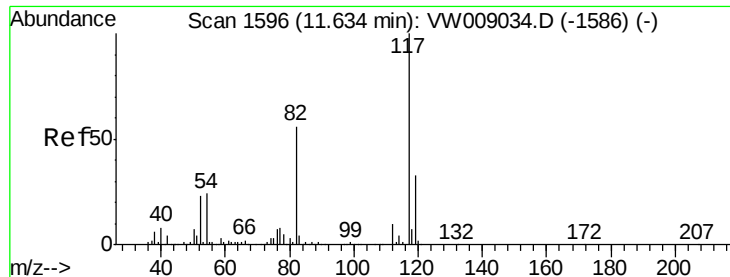


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

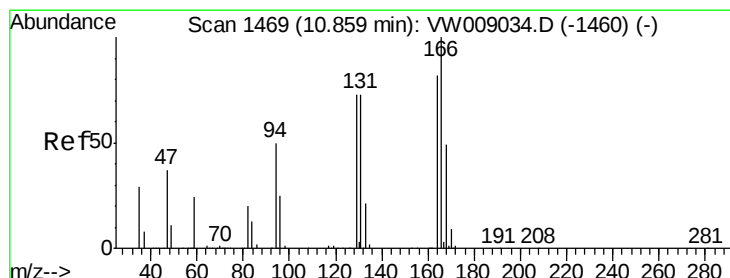
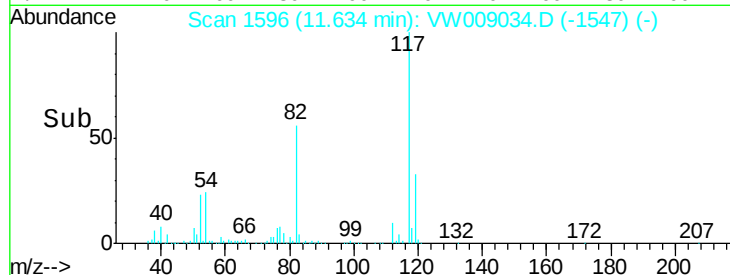
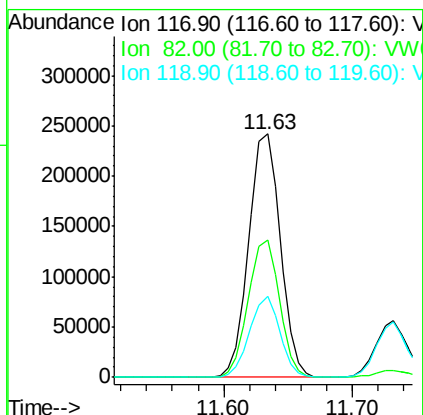
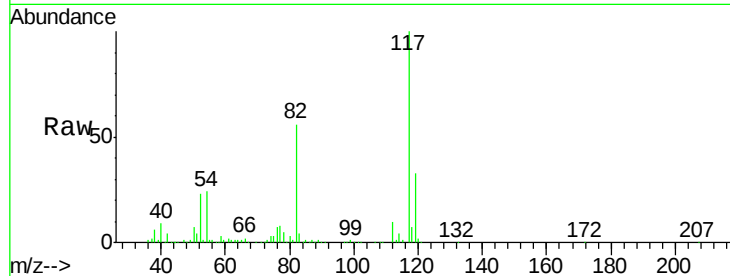




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009034.D
Acq: 07 Mar 2019 12:12

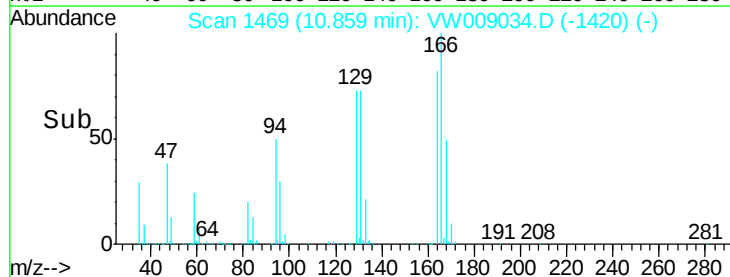
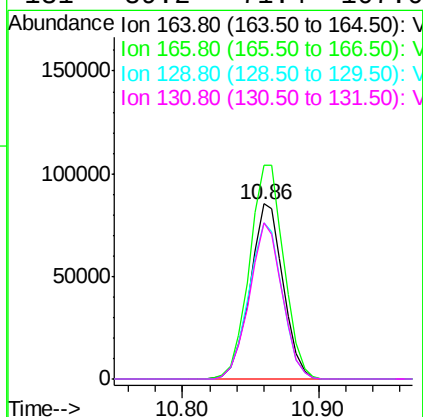
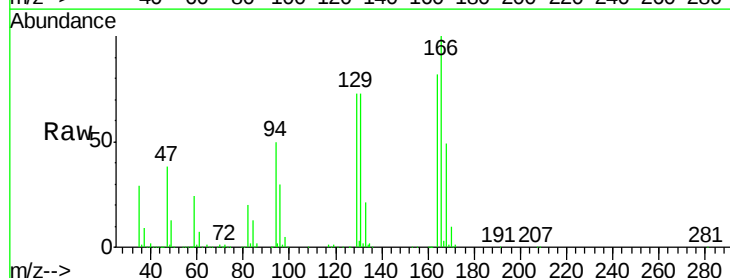
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

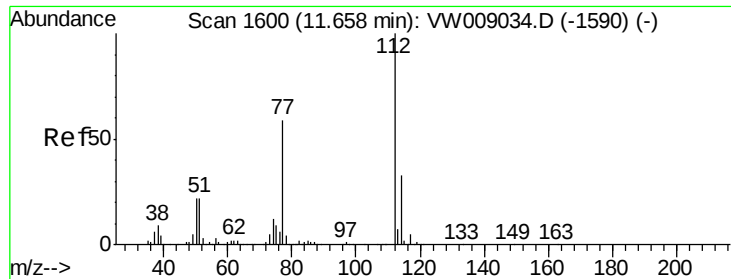
Tgt Ion:117 Resp: 409899
Ion Ratio Lower Upper
117 100
82 56.3 45.0 67.6
119 33.2 26.6 39.8



#64
Tetrachloroethene
Concen: 48.686 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW009034.D
Acq: 07 Mar 2019 12:12

Tgt Ion:164 Resp: 144883
Ion Ratio Lower Upper
164 100
166 122.2 97.8 146.6
129 89.5 71.6 107.4
131 89.2 71.4 107.0

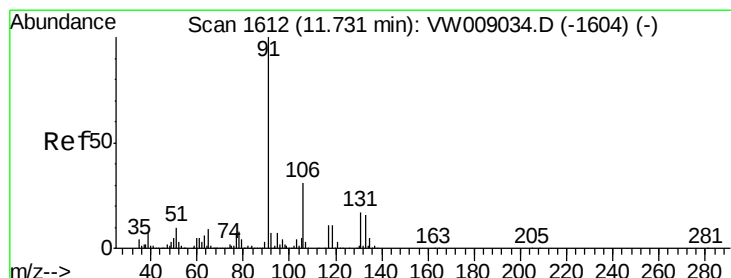
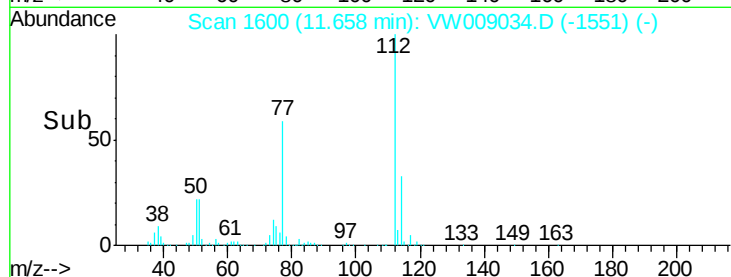
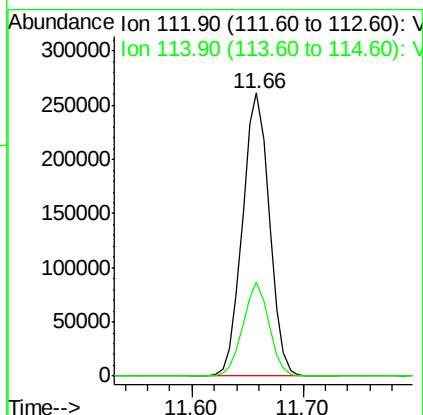
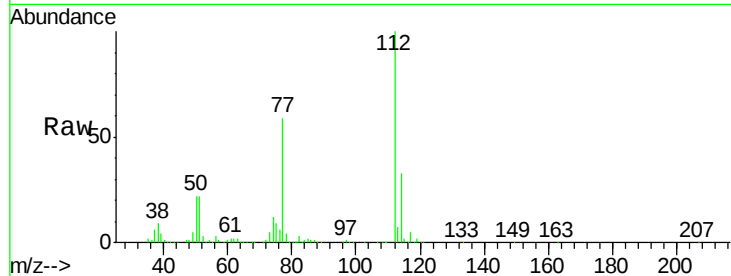




#65
Chlorobenzene
Concen: 49.670 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW009034.D
Acq: 07 Mar 2019 12:12

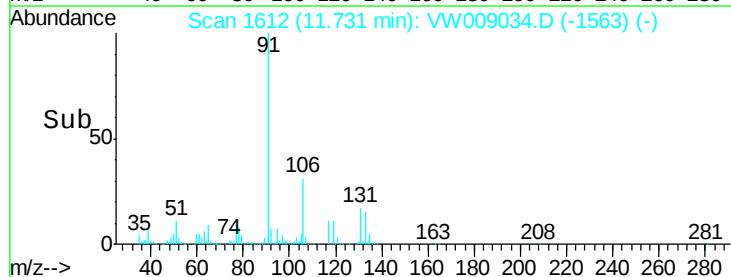
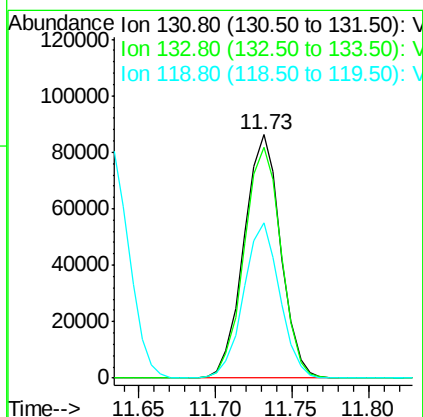
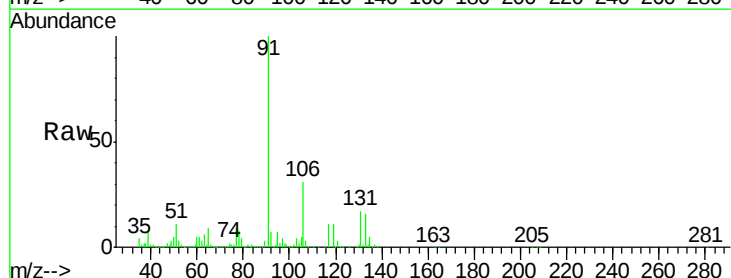
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

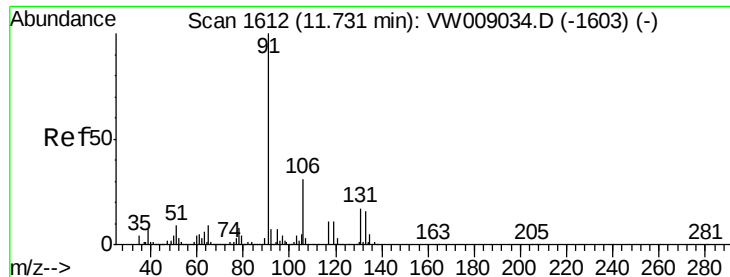
Tgt Ion:112 Resp: 438615
Ion Ratio Lower Upper
112 100
114 33.3 26.6 40.0



#66
1,1,1,2-Tetrachloroethane
Concen: 49.008 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW009034.D
Acq: 07 Mar 2019 12:12

Tgt Ion:131 Resp: 144281
Ion Ratio Lower Upper
131 100
133 95.2 47.6 142.8
119 62.5 31.3 93.8

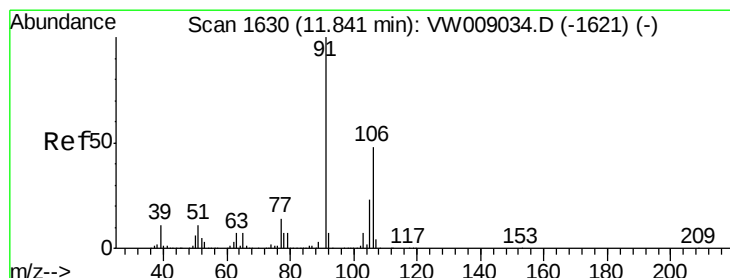
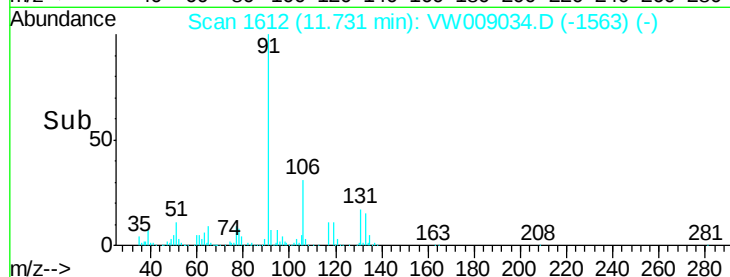
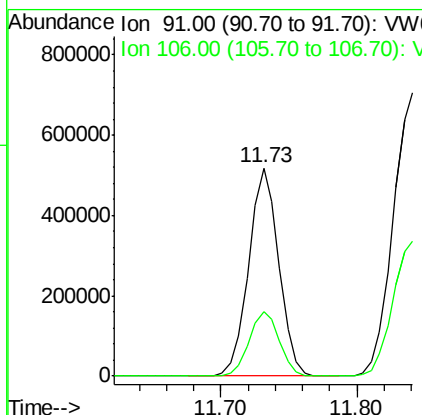
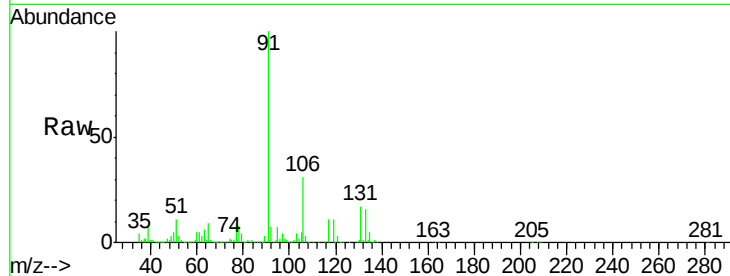




#67
Ethyl Benzene
Concen: 50.599 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW009034.D
Acq: 07 Mar 2019 12:12

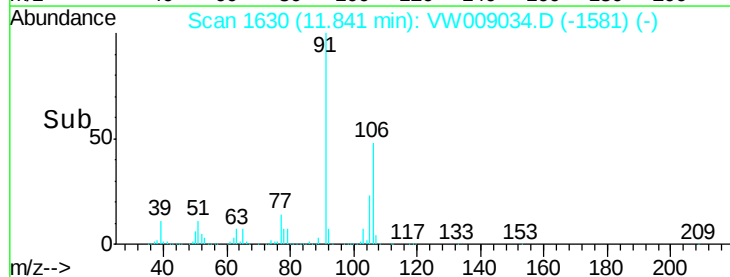
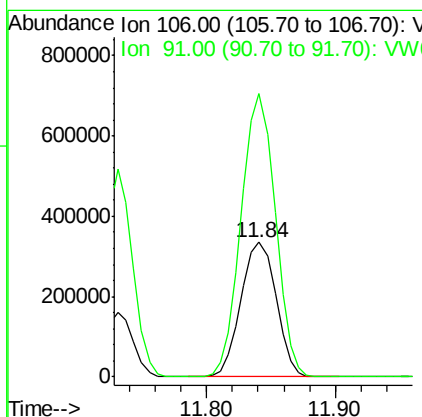
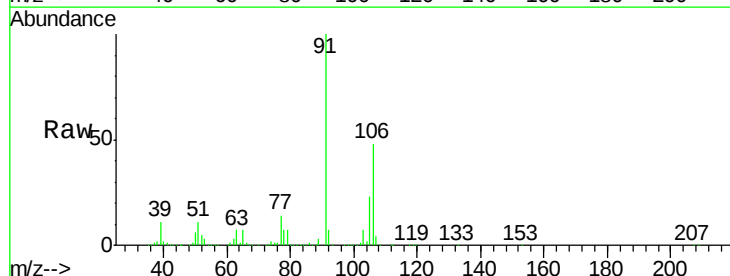
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

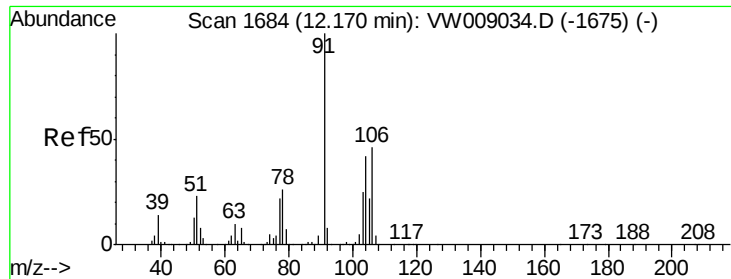
Tgt Ion: 91 Resp: 802799
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.4



#68
m/p-Xylenes
Concen: 101.761 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW009034.D
Acq: 07 Mar 2019 12:12

Tgt Ion: 106 Resp: 638097
Ion Ratio Lower Upper
106 100
91 204.0 163.2 244.8

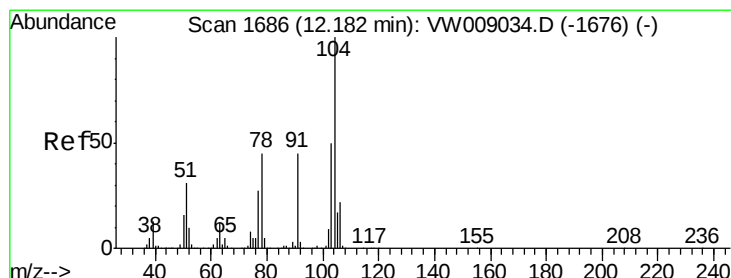
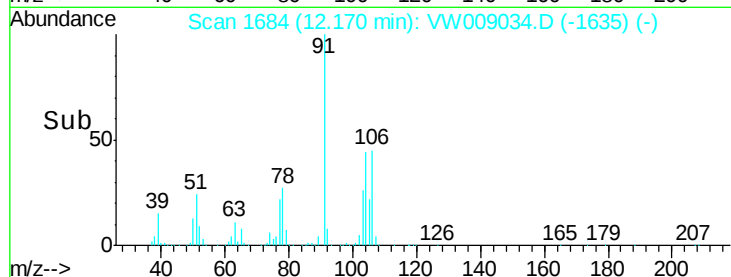
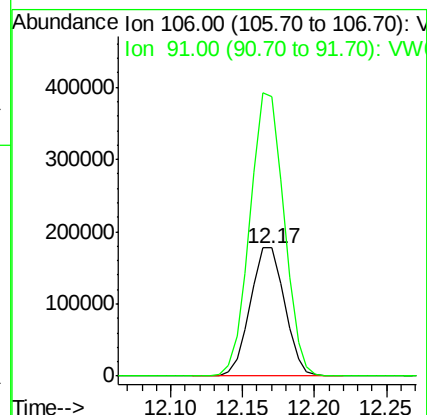
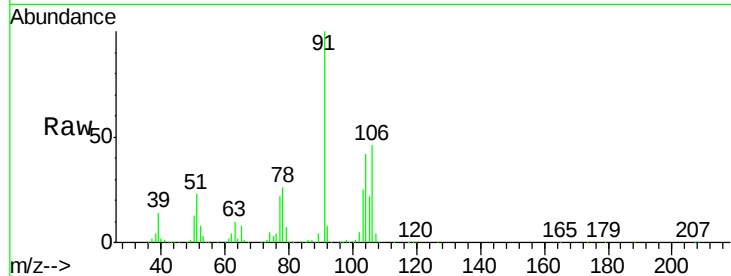




#69
o-Xylene
Concen: 50.556 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW009034.D
Acq: 07 Mar 2019 12:12

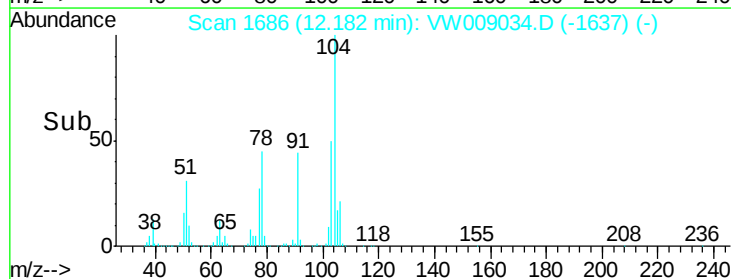
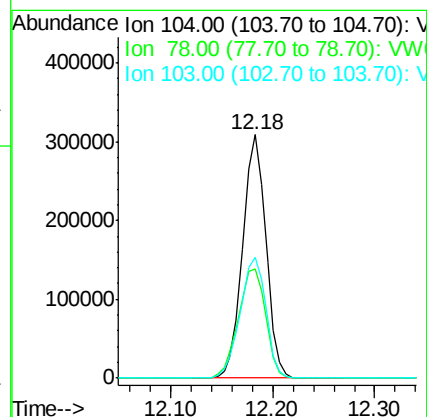
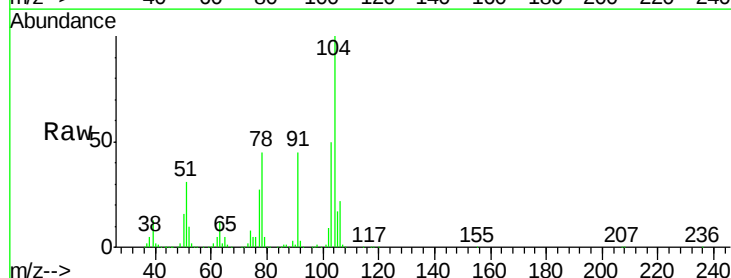
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

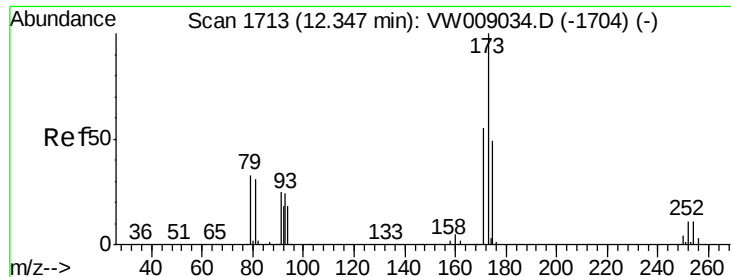
Tgt Ion:106 Resp: 295539
Ion Ratio Lower Upper
106 100
91 217.1 108.6 325.6



#70
Styrene
Concen: 51.197 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW009034.D
Acq: 07 Mar 2019 12:12

Tgt Ion:104 Resp: 487225
Ion Ratio Lower Upper
104 100
78 52.6 42.1 63.1
103 54.9 43.9 65.9





#71

Bromoform

Concen: 48.413 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW009034.D

Acq: 07 Mar 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

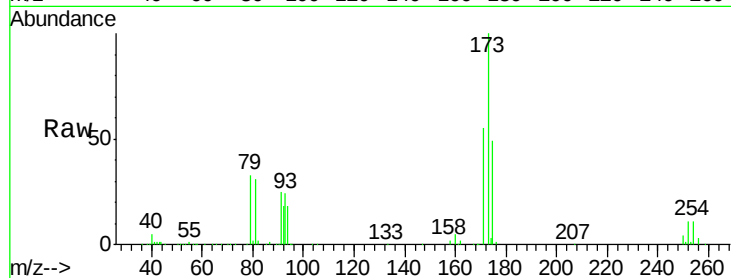
Tgt Ion:173 Resp: 77288

Ion Ratio Lower Upper

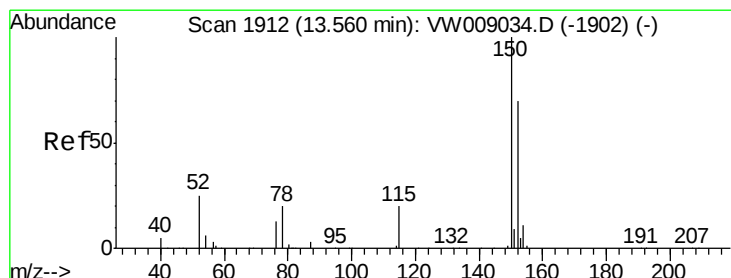
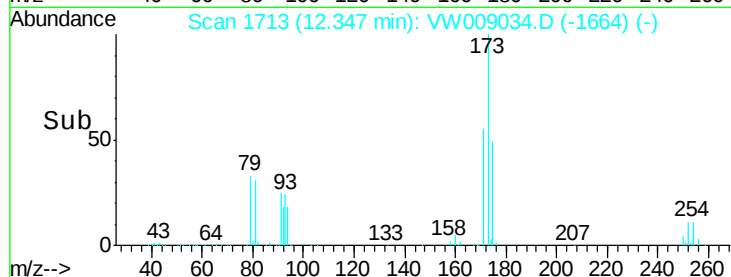
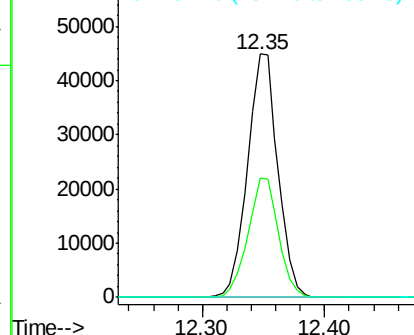
173 100

175 49.3 24.6 74.0

254 0.0 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW009034.D

Acq: 07 Mar 2019 12:12

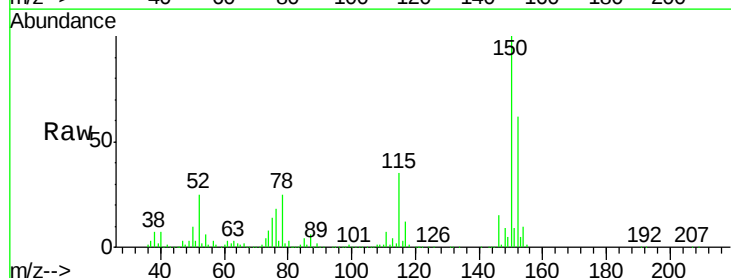
Tgt Ion:152 Resp: 231265

Ion Ratio Lower Upper

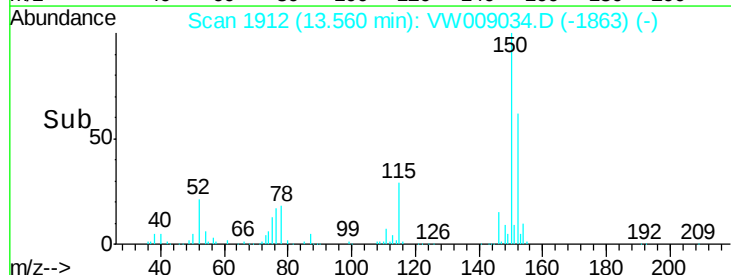
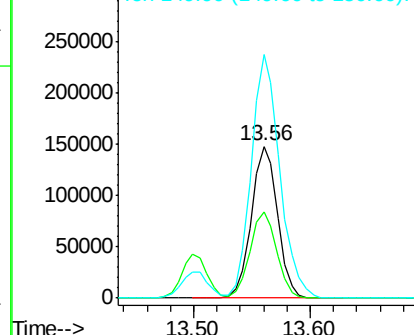
152 100

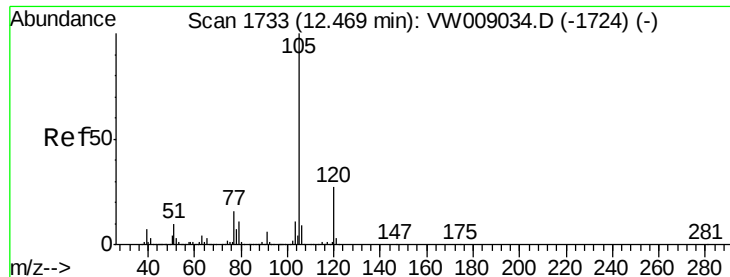
115 57.8 28.9 86.7

150 174.6 0.0 349.2



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





#73

Isopropylbenzene

Concen: 50.042 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW009034.D

Acq: 07 Mar 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

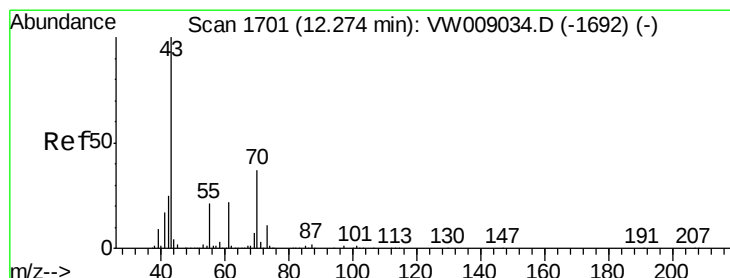
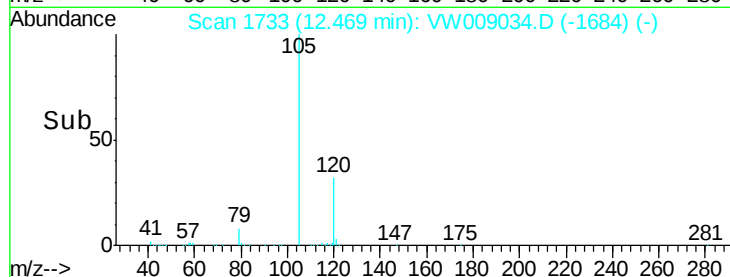
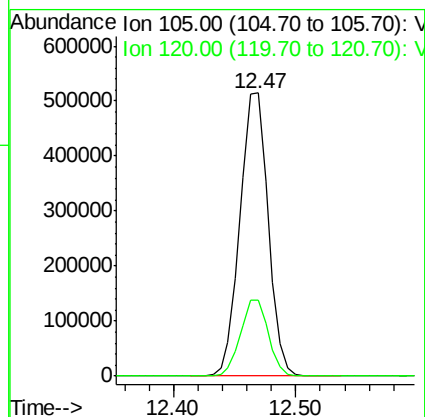
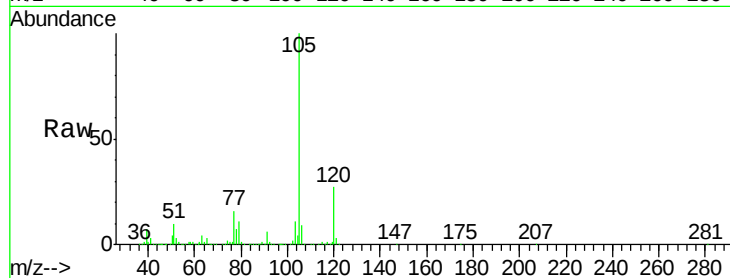
VSTDICCC050

Tgt Ion: 105 Resp: 822394

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.6



#74

N-ethyl acetate

Concen: 50.885 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW009034.D

Acq: 07 Mar 2019 12:12

Tgt Ion: 43 Resp: 199897

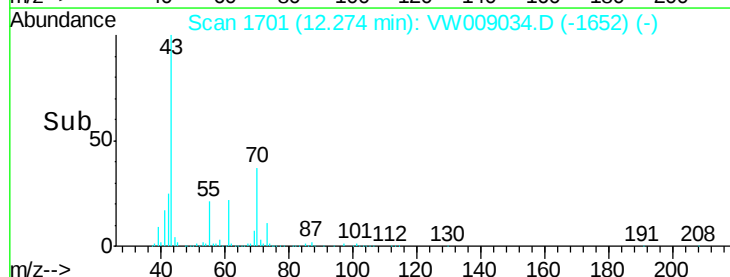
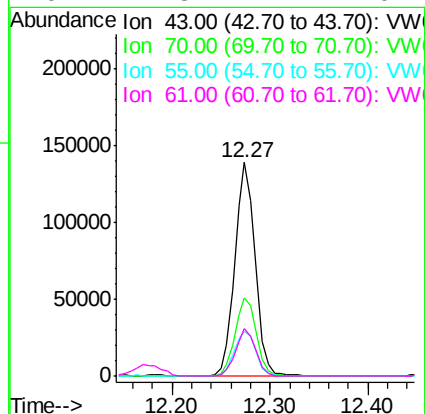
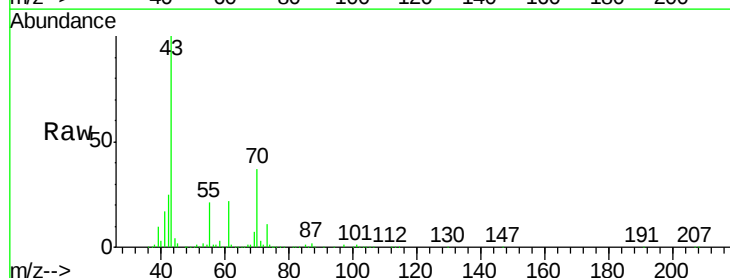
Ion Ratio Lower Upper

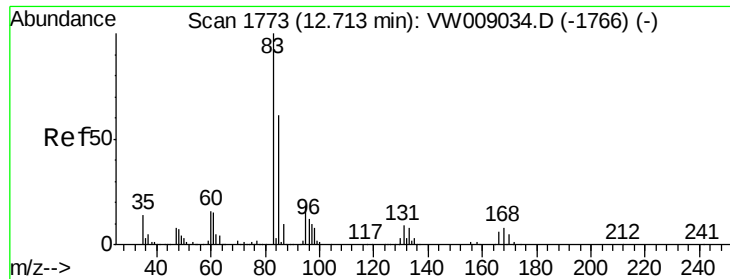
43 100

70 38.5 30.8 46.2

55 22.3 17.8 26.8

61 21.8 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 47.169 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW009034.D

Acq: 07 Mar 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

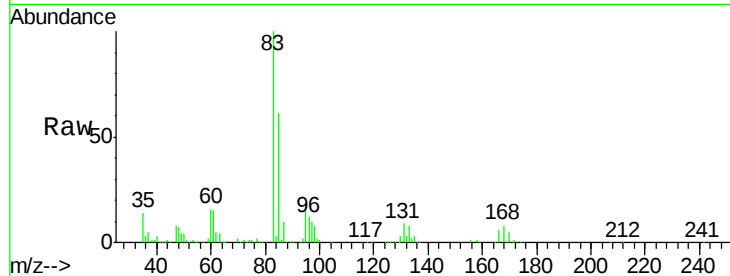
Tgt Ion: 83 Resp: 123301

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.7

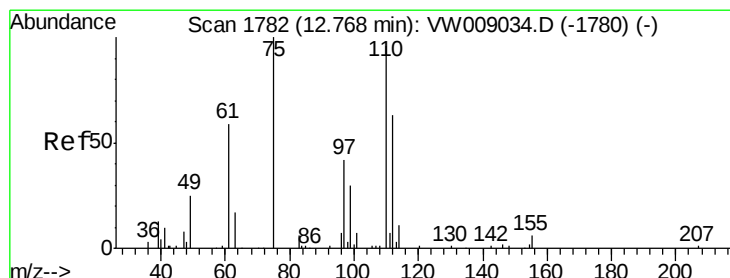
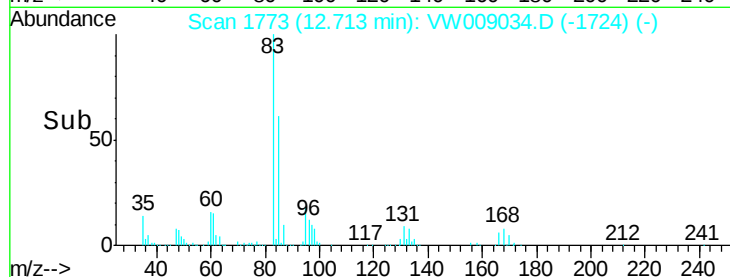
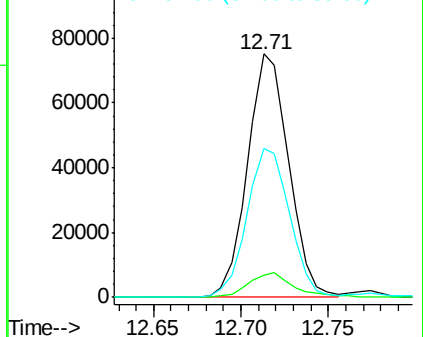
85 63.4 31.7 95.1



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 68.243 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW009034.D

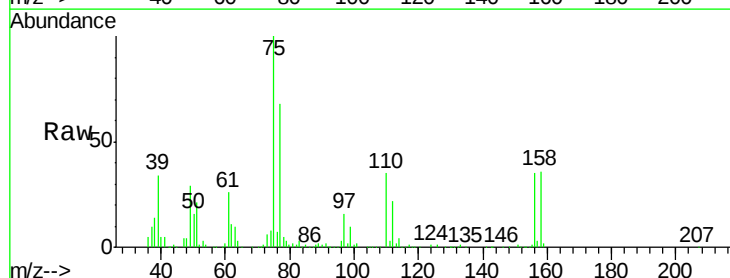
Acq: 07 Mar 2019 12:12

Tgt Ion: 75 Resp: 175733

Ion Ratio Lower Upper

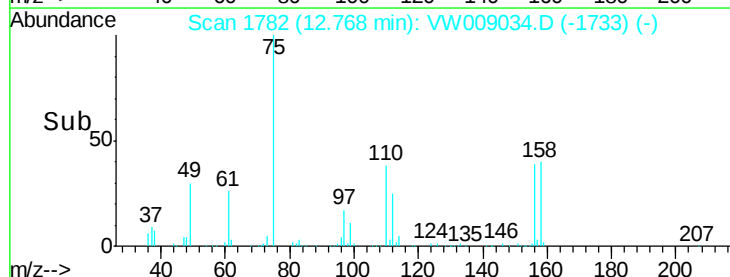
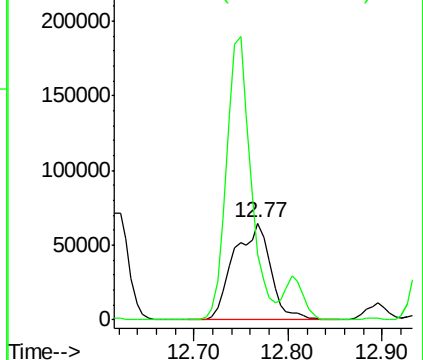
75 100

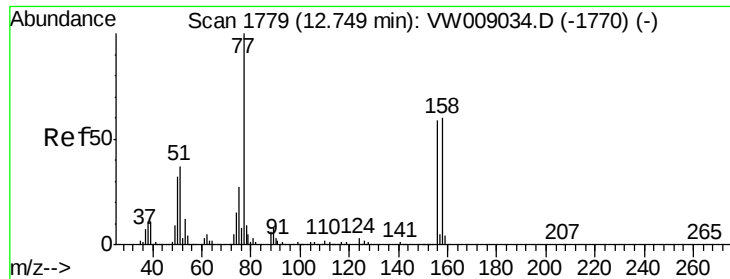
77 193.7 186.7 560.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

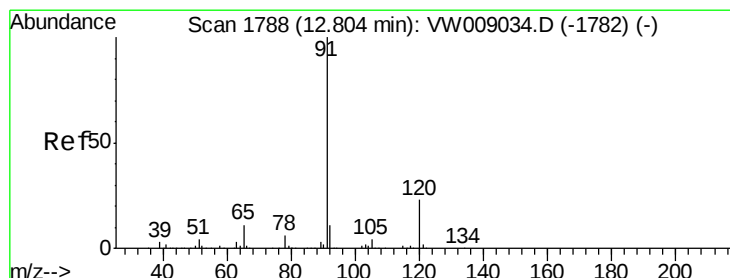
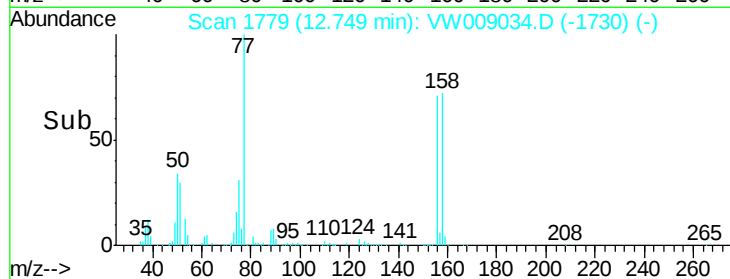
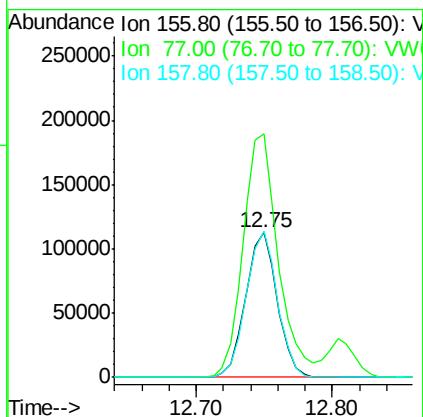
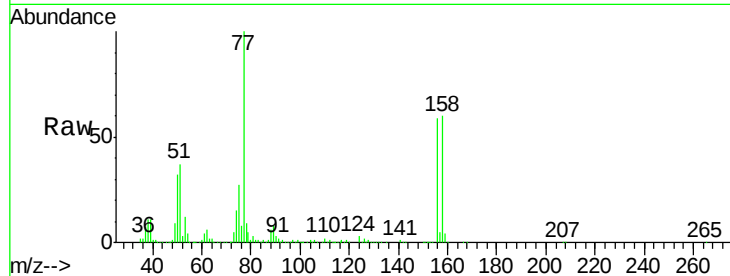




#77
Bromobenzene
Concen: 48.669 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW009034.D
Acq: 07 Mar 2019 12:12

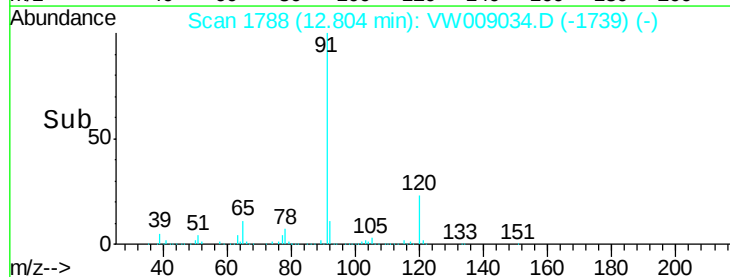
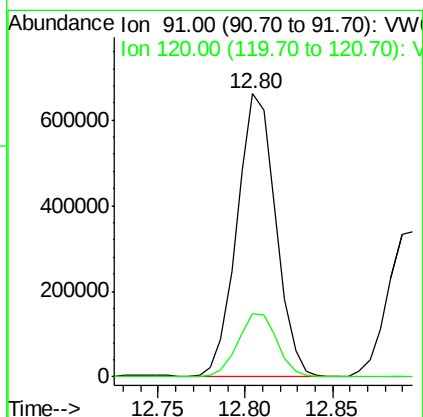
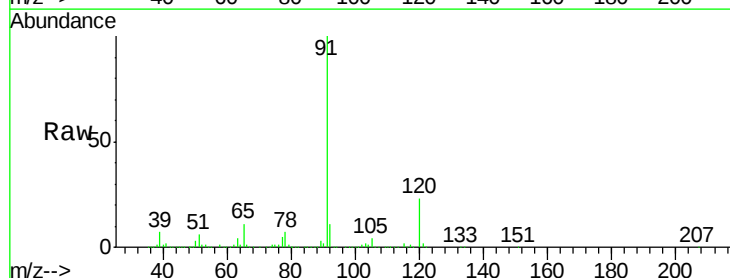
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

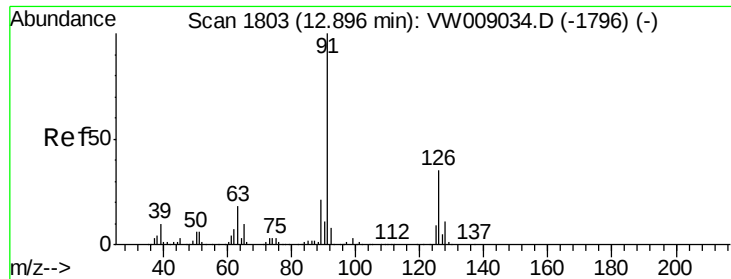
Tgt Ion: 156 Resp: 182890
Ion Ratio Lower Upper
156 100
77 186.1 93.0 279.2
158 99.9 50.0 149.8



#78
n-propylbenzene
Concen: 50.416 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW009034.D
Acq: 07 Mar 2019 12:12

Tgt Ion: 91 Resp: 1017114
Ion Ratio Lower Upper
91 100
120 22.8 11.4 34.2





#79

2-Chlorotoluene

Concen: 49.929 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW009034.D

Acq: 07 Mar 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

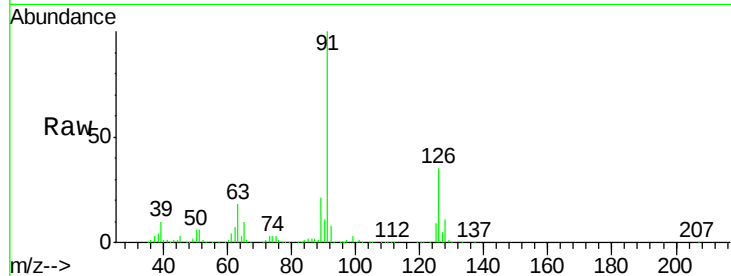
VSTDICCC050

Tgt Ion: 91 Resp: 566016

Ion Ratio Lower Upper

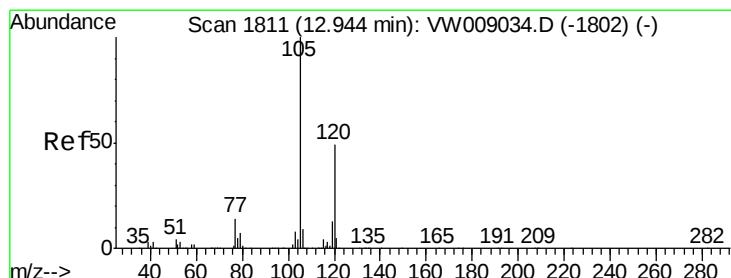
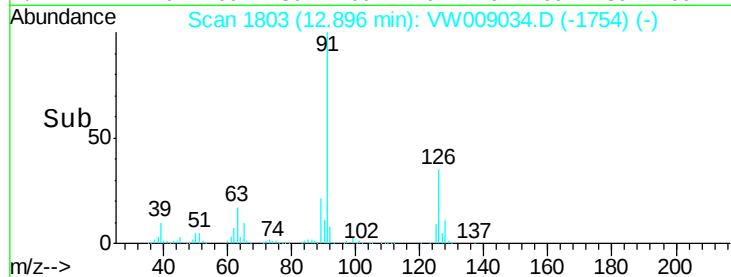
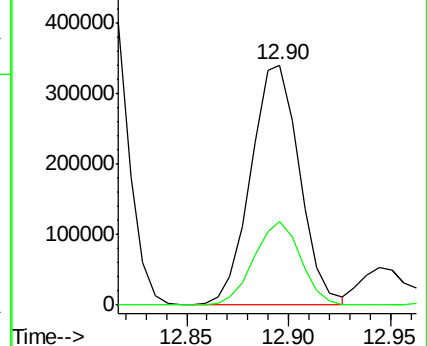
91 100

126 33.6 16.8 50.4



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: 50.369 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW009034.D

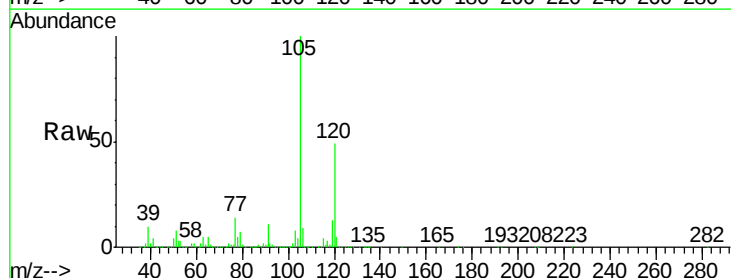
Acq: 07 Mar 2019 12:12

Tgt Ion: 105 Resp: 713414

Ion Ratio Lower Upper

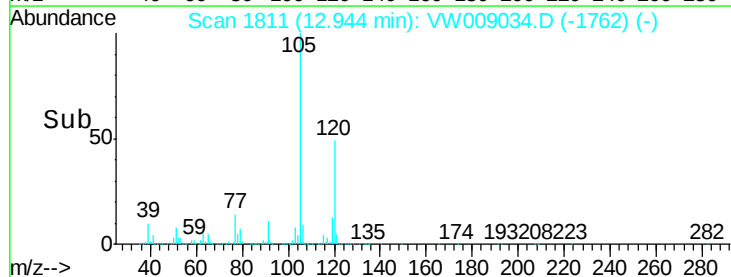
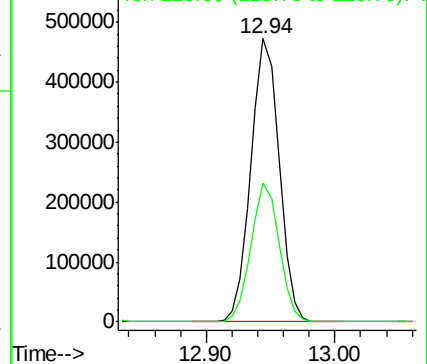
105 100

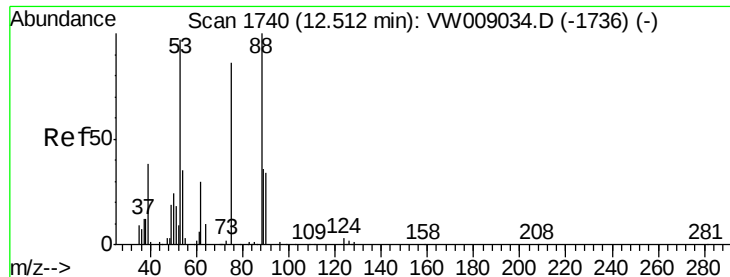
120 48.8 24.4 73.2



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: 47.812 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW009034.D

Acq: 07 Mar 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

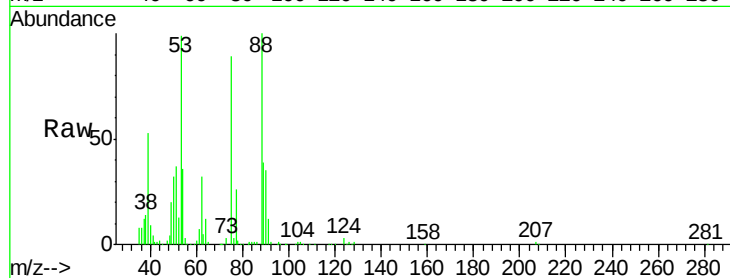
Tgt Ion: 75 Resp: 38758

Ion Ratio Lower Upper

75 100

53 113.1 90.5 135.7

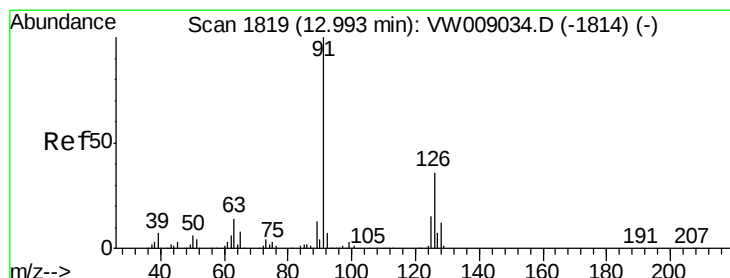
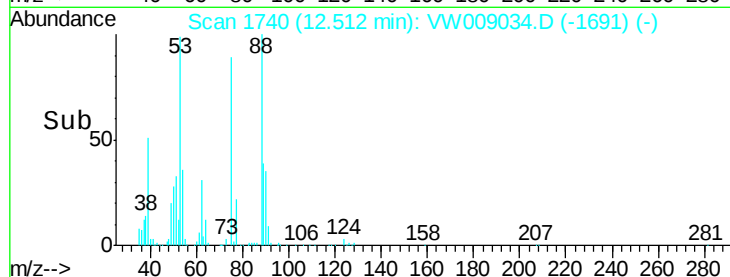
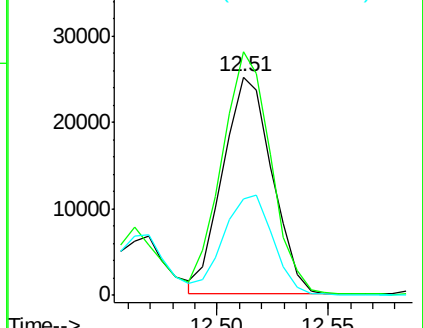
89 46.9 37.5 56.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 50.000 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW009034.D

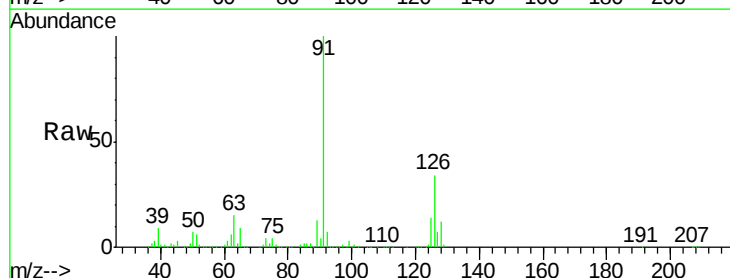
Acq: 07 Mar 2019 12:12

Tgt Ion: 91 Resp: 603943

Ion Ratio Lower Upper

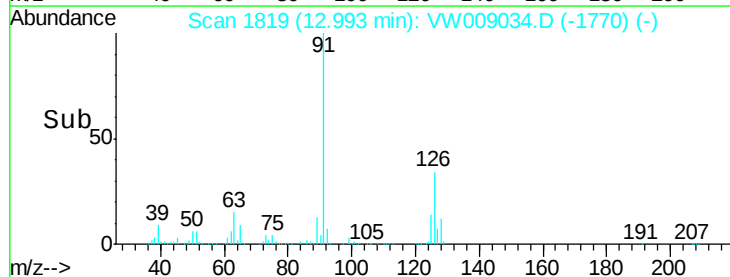
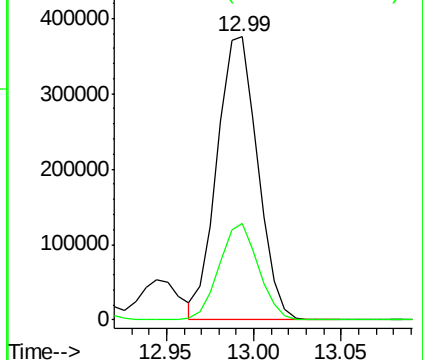
91 100

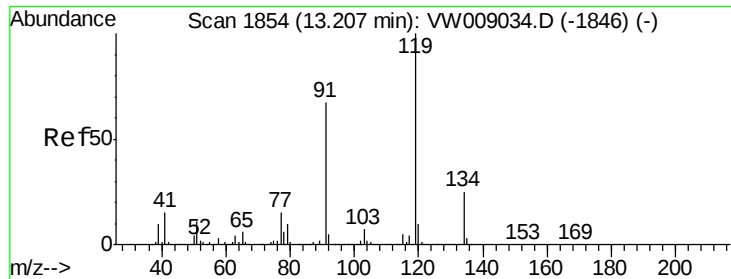
126 33.2 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

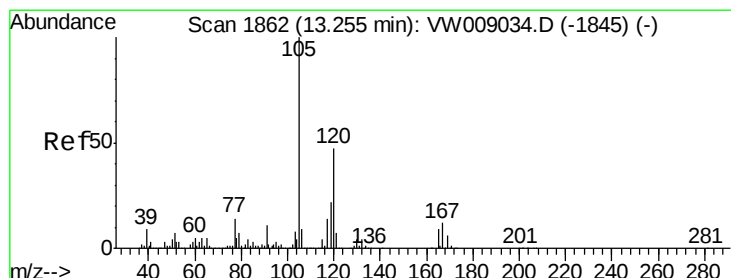
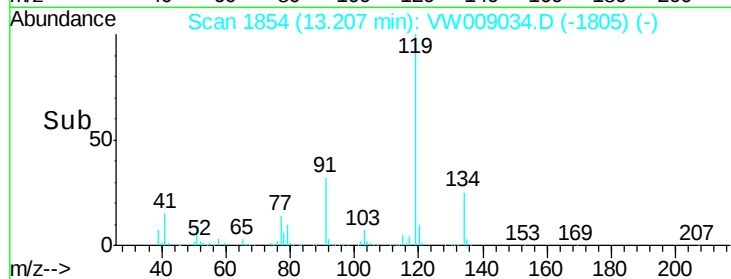
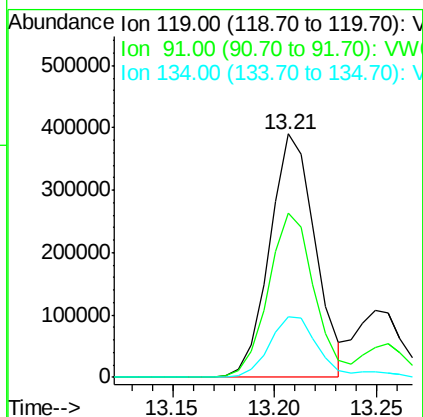
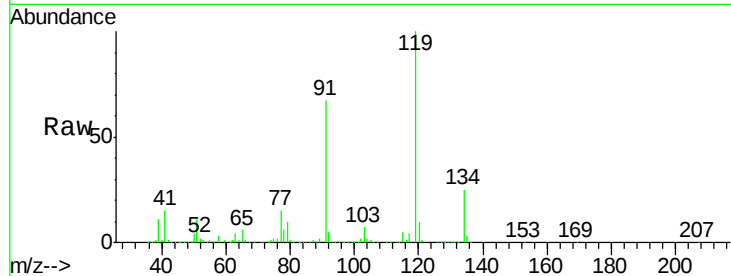




#83
 tert-Butylbenzene
 Concen: 50.990 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW009034.D
 Acq: 07 Mar 2019 12:12

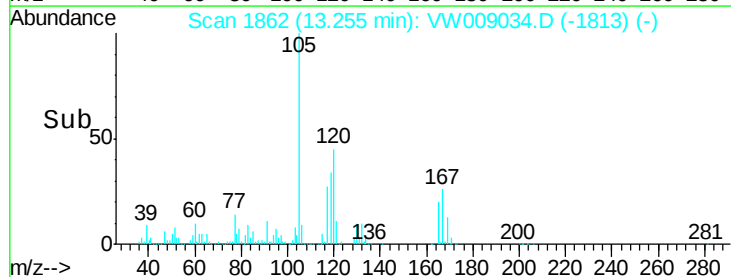
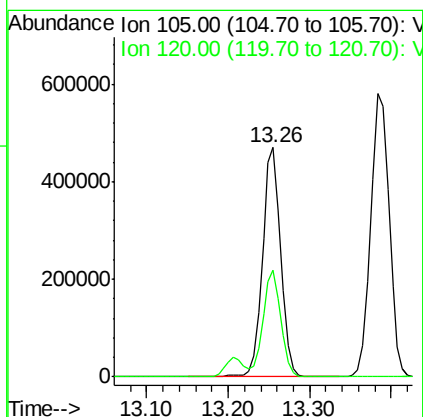
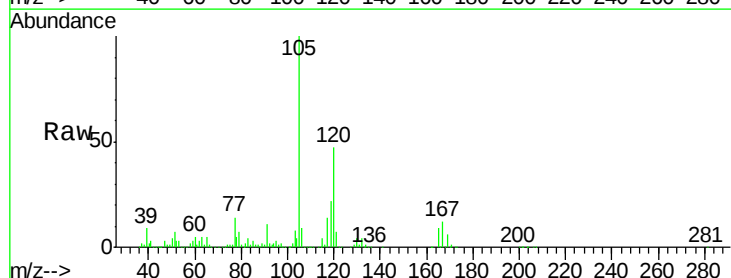
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

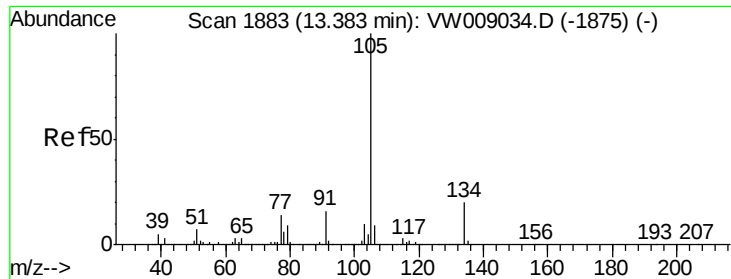
Tgt Ion:119 Resp: 606650
 Ion Ratio Lower Upper
 119 100
 91 68.3 34.2 102.5
 134 27.7 13.9 41.6



#84
 1,2,4-Trimethylbenzene
 Concen: 51.132 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW009034.D
 Acq: 07 Mar 2019 12:12

Tgt Ion:105 Resp: 731115
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.8 68.4

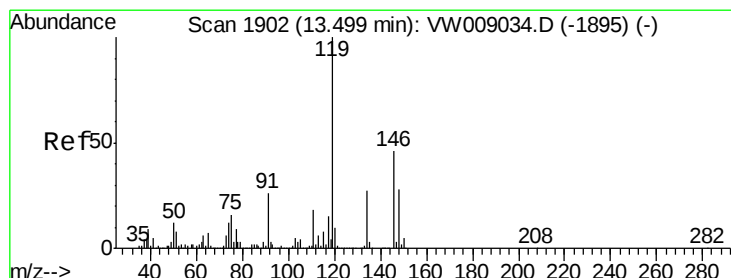
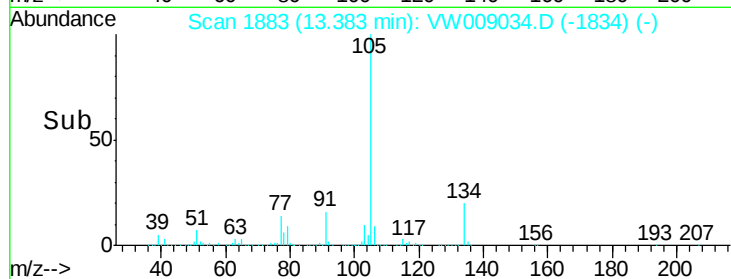
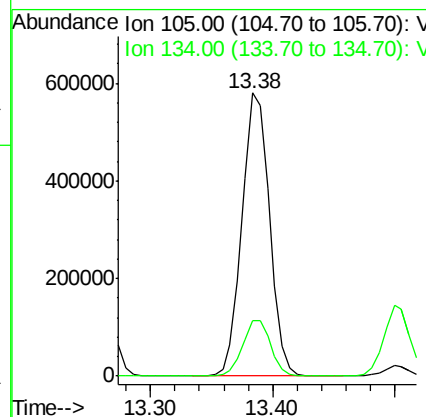
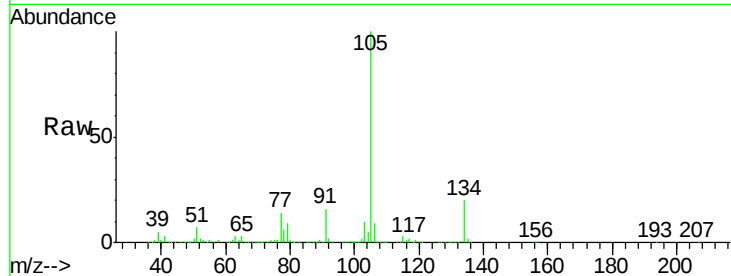




#85
 sec-Butylbenzene
 Concen: 51.118 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW009034.D
 Acq: 07 Mar 2019 12:12

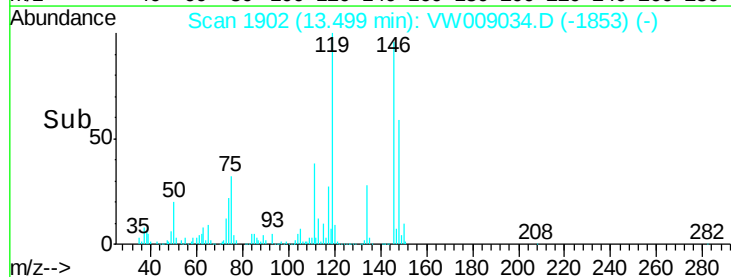
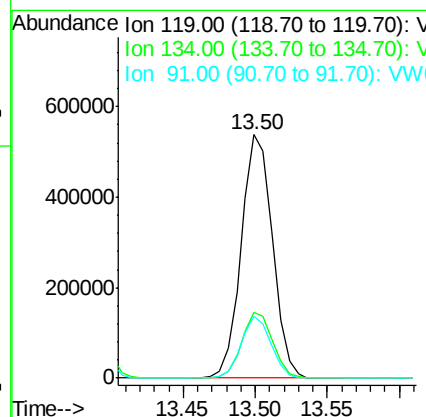
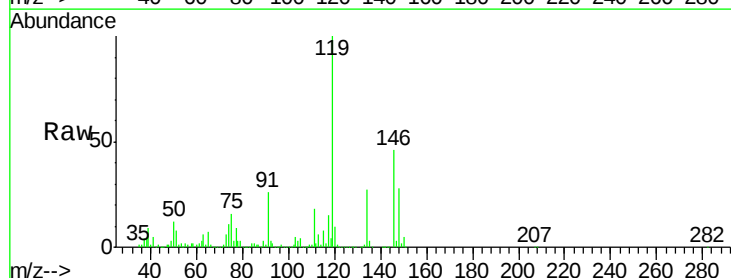
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

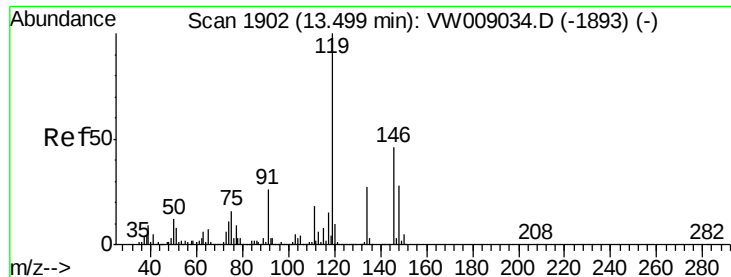
Tgt Ion:105 Resp: 901138
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 51.133 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW009034.D
 Acq: 07 Mar 2019 12:12

Tgt Ion:119 Resp: 807979
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.9
 91 24.6 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 49.675 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW009034.D

Acq: 07 Mar 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

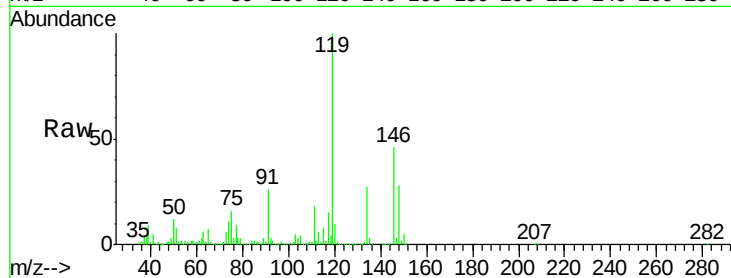
Tgt Ion:146 Resp: 391411

Ion Ratio Lower Upper

146 100

111 39.6 19.8 59.4

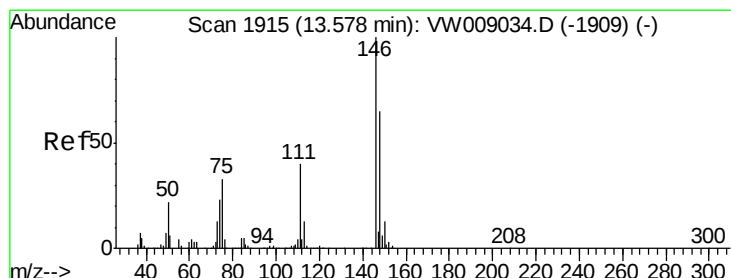
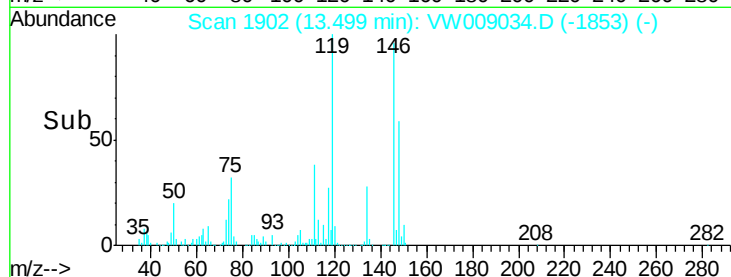
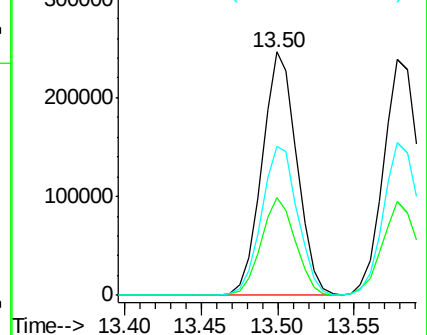
148 63.2 31.6 94.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.460 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW009034.D

Acq: 07 Mar 2019 12:12

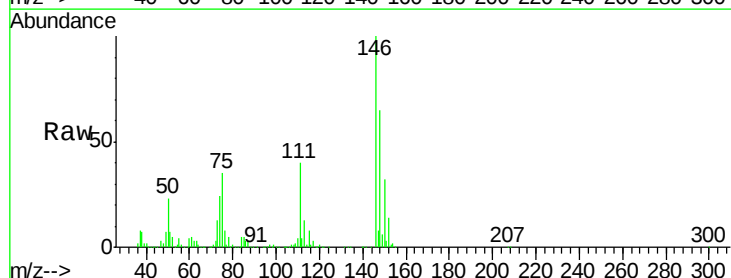
Tgt Ion:146 Resp: 384992

Ion Ratio Lower Upper

146 100

111 39.3 19.7 59.0

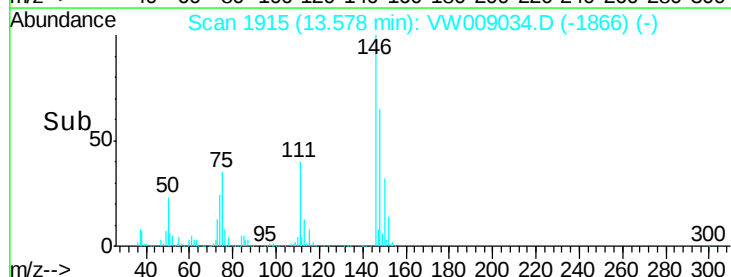
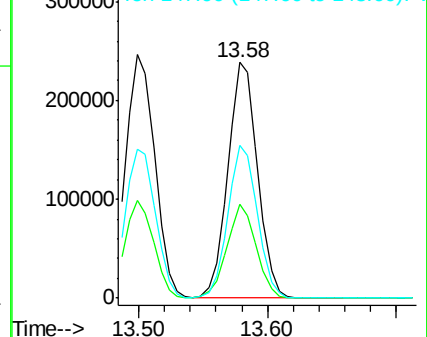
148 64.4 32.2 96.6

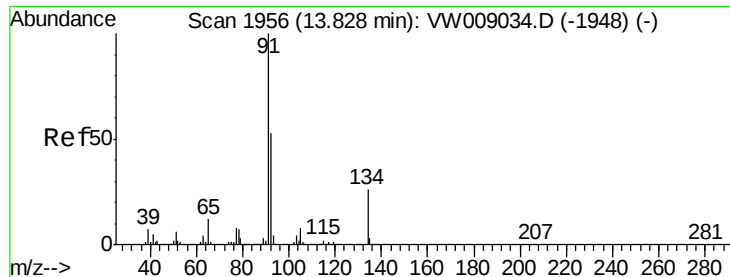


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

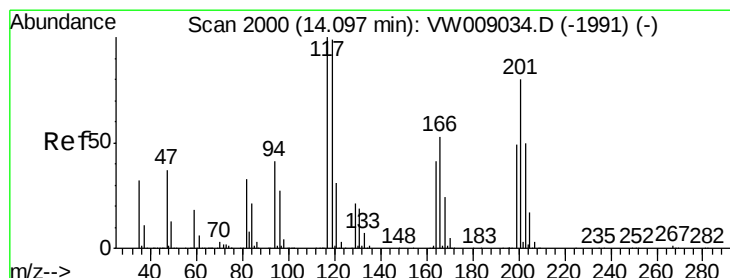
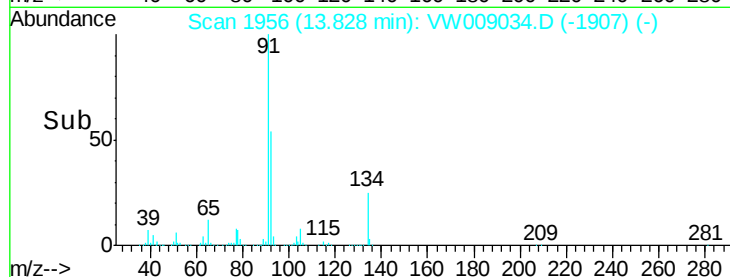
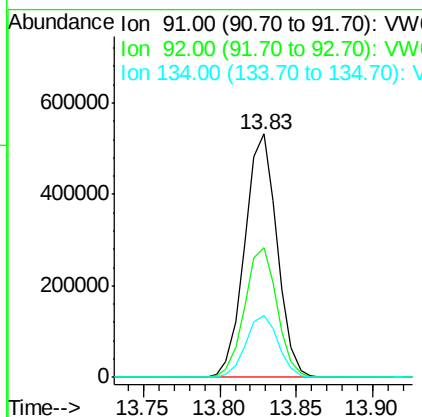
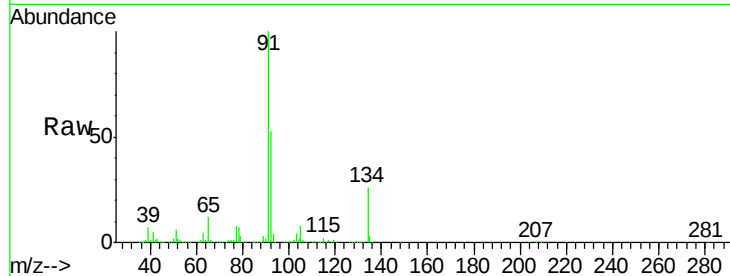




#89
n-Butylbenzene
Concen: 51.875 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW009034.D
Acq: 07 Mar 2019 12:12

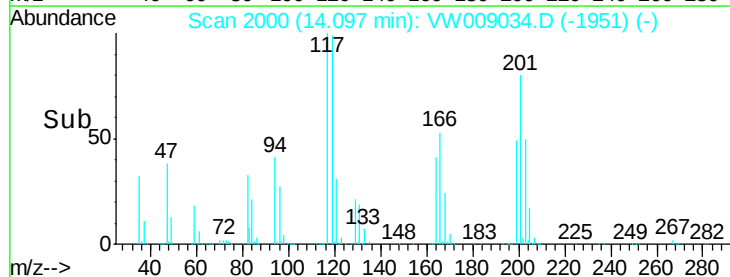
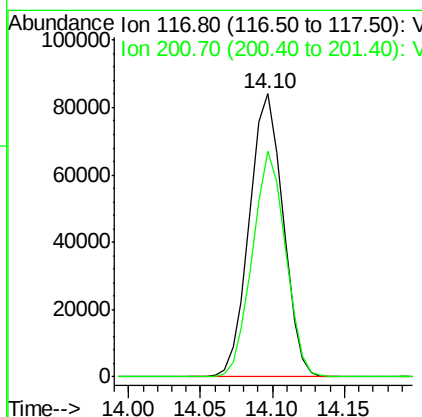
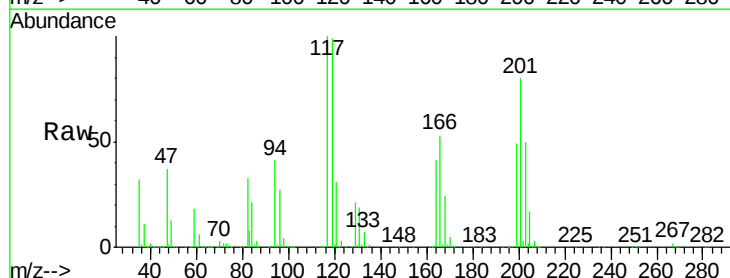
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

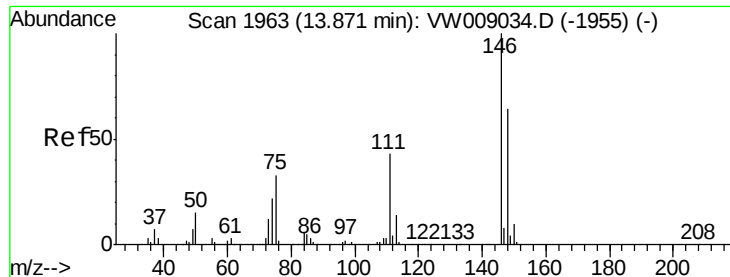
Tgt Ion: 91 Resp: 781458
Ion Ratio Lower Upper
91 100
92 53.5 26.8 80.3
134 25.8 12.9 38.7



#90
Hexachloroethane
Concen: 50.126 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW009034.D
Acq: 07 Mar 2019 12:12

Tgt Ion: 117 Resp: 136440
Ion Ratio Lower Upper
117 100
201 78.3 39.1 117.5





#91

1,2-Dichlorobenzene

Concen: 49.281 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW009034.D

Acq: 07 Mar 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

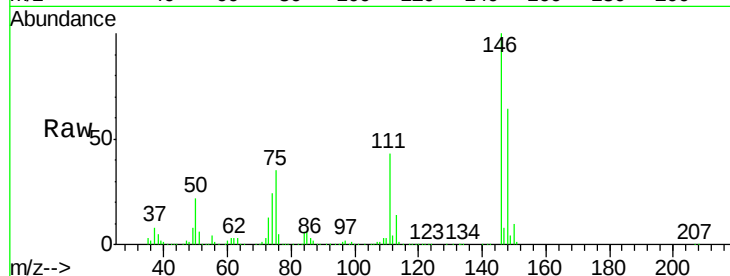
Tgt Ion: 146 Resp: 340137

Ion Ratio Lower Upper

146 100

111 42.1 21.1 63.1

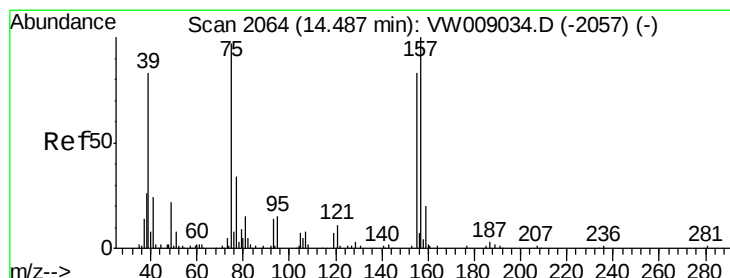
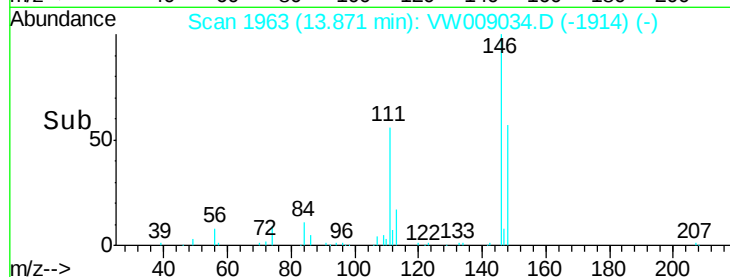
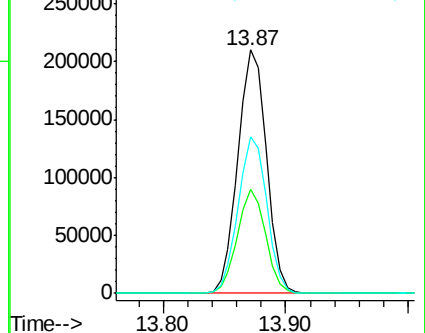
148 64.6 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.994 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW009034.D

Acq: 07 Mar 2019 12:12

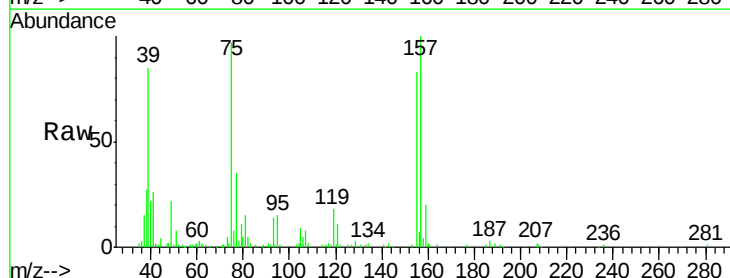
Tgt Ion: 75 Resp: 22805

Ion Ratio Lower Upper

75 100

155 81.6 40.8 122.4

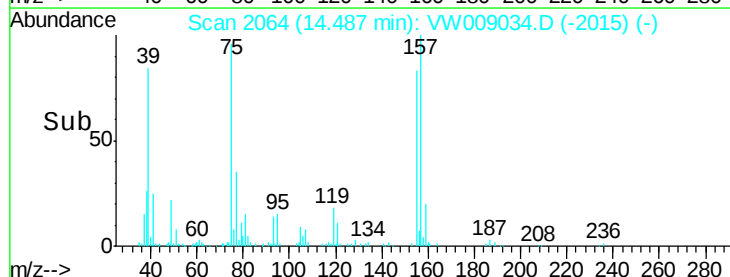
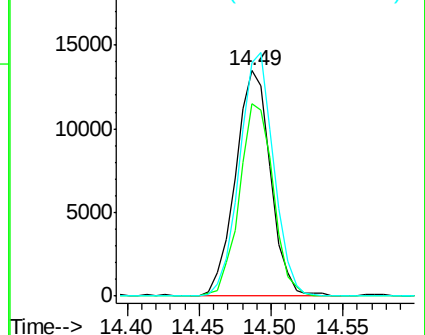
157 104.9 52.4 157.3

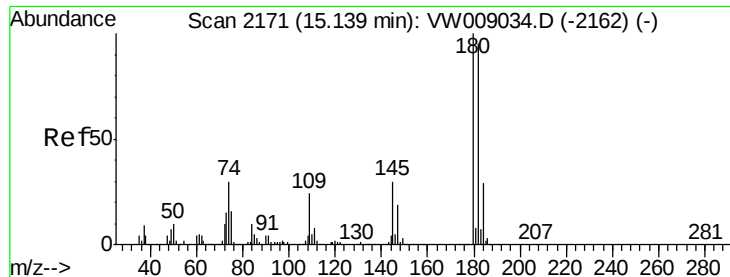


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

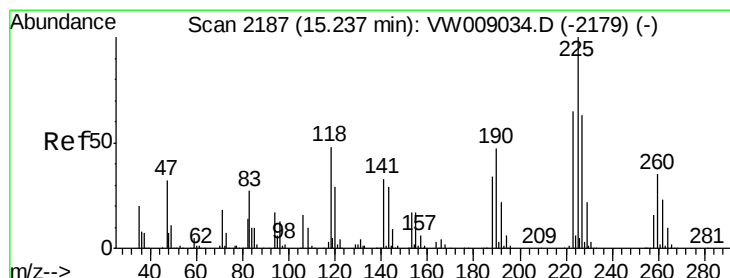
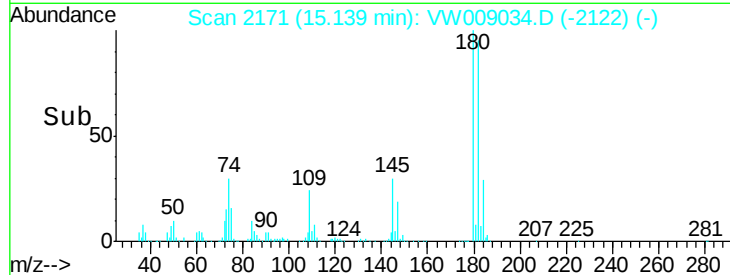
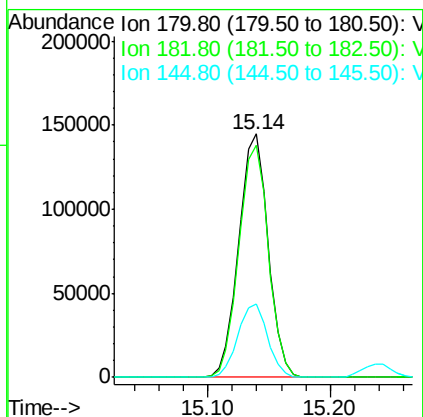
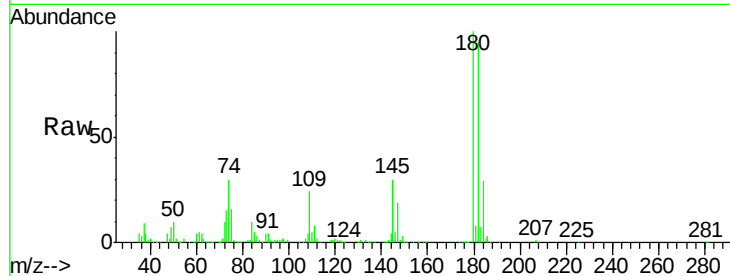




#93
 1,2,4-Trichlorobenzene
 Concen: 50.954 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW009034.D
 Acq: 07 Mar 2019 12:12

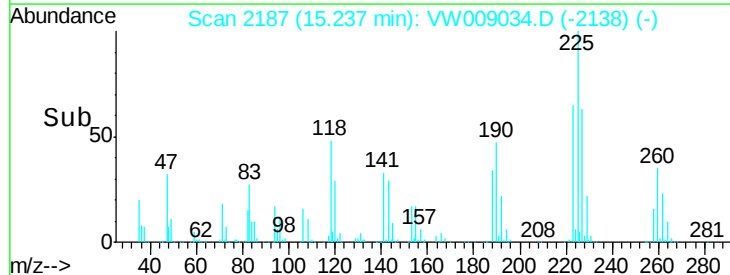
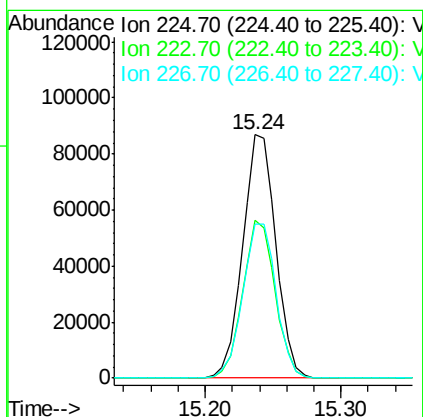
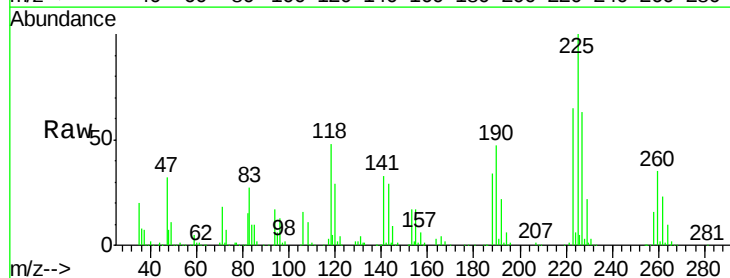
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

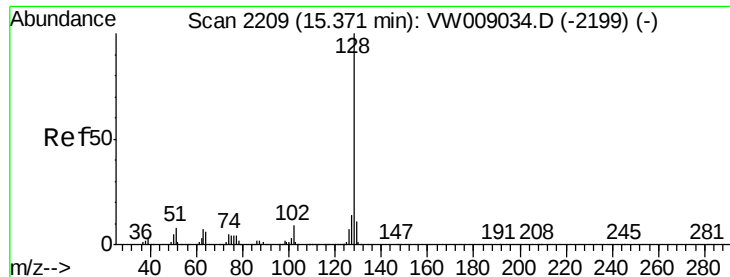
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.1	144.3
145	30.7	15.4	46.1



#94
 Hexachlorobutadiene
 Concen: 50.141 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW009034.D
 Acq: 07 Mar 2019 12:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.6	94.8
227	64.1	32.0	96.2

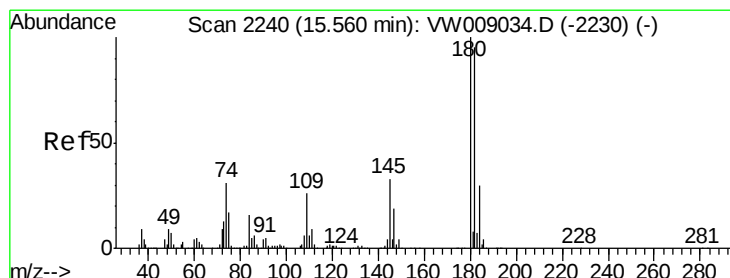
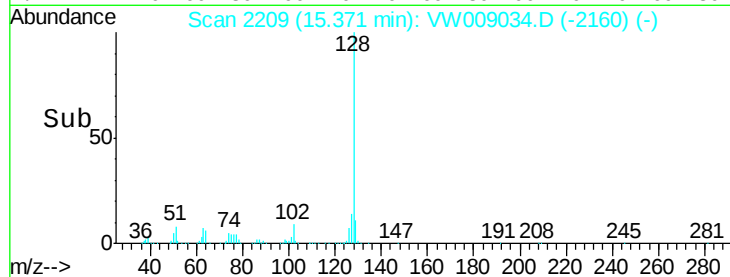
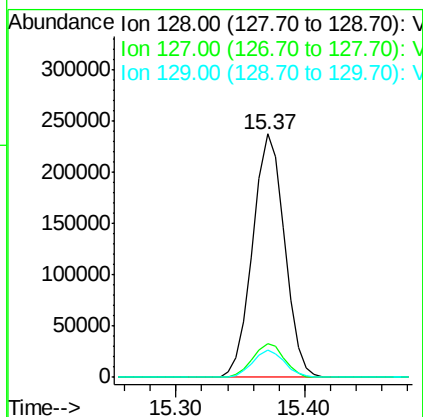
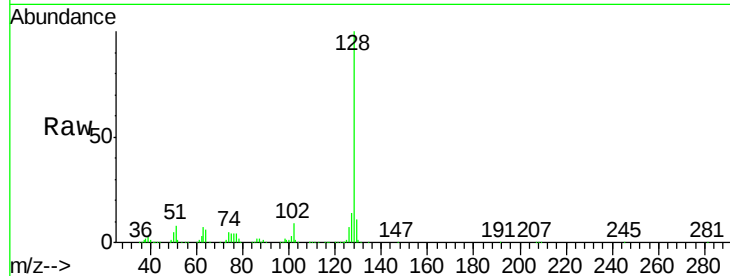




#95
Naphthalene
Concen: 51.929 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW009034.D
Acq: 07 Mar 2019 12:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 406061
Ion Ratio Lower Upper
128 100
127 13.8 11.0 16.6
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.798 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW009034.D
Acq: 07 Mar 2019 12:12

Tgt Ion:180 Resp: 210527
Ion Ratio Lower Upper
180 100
182 96.2 48.1 144.3
145 31.5 15.8 47.3

