

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030920\
 Data File : VW015105.D
 Acq On : 09 Mar 2020 18:41
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 10 17:44:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030920S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 09 18:51:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	455465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	845169	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	752347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	336944	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	345390	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
35) Dibromofluoromethane	7.88	113	266479	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
50) Toluene-d8	10.32	98	1140871	53.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.68%	
62) 4-Bromofluorobenzene	12.62	95	380833	54.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.22%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.01	85	124347	45.02	ug/l	98
3) Chloromethane	2.21	50	256468	43.27	ug/l	97
4) Vinyl Chloride	2.37	62	348017	44.85	ug/l	98
5) Bromomethane	2.78	94	211109	47.60	ug/l	96
6) Chloroethane	2.92	64	217235	48.34	ug/l	95
7) Trichlorofluoromethane	3.26	101	201447	51.88	ug/l	94
8) Diethyl Ether	3.68	74	147787	49.95	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	279803	47.27	ug/l	99
10) Methyl Iodide	4.27	142	326573	49.59	ug/l	100
11) Tert butyl alcohol	5.19	59	79939	207.70	ug/l	98
12) 1,1-Dichloroethene	4.04	96	279883	48.36	ug/l	98
13) Acrolein	3.89	56	122768	218.10	ug/l	96
14) Allyl chloride	4.67	41	603960	52.08	ug/l	99
15) Acrylonitrile	5.37	53	360860	237.95	ug/l	100
16) Acetone	4.12	43	334743	219.17	ug/l	95
17) Carbon Disulfide	4.38	76	972366	47.39	ug/l	98
18) Methyl Acetate	4.67	43	171336	47.32	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	405448	54.73	ug/l	99
20) Methylene Chloride	4.92	84	340957	55.08	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	311859	50.76	ug/l	100
22) Diisopropyl ether	6.31	45	1207253	54.25	ug/l	99
23) Vinyl Acetate	6.25	43	3515736	267.64	ug/l	100
24) 1,1-Dichloroethane	6.21	63	651011	50.17	ug/l	99
25) 2-Butanone	7.17	43	487652	232.90	ug/l	99
26) 2,2-Dichloropropane	7.17	77	365552	49.25	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	329044	51.44	ug/l	100
28) Bromochloromethane	7.51	49	308552	49.62	ug/l	99
29) Tetrahydrofuran	7.53	42	318975	243.55	ug/l	100
30) Chloroform	7.67	83	571389	49.62	ug/l	98
31) Cyclohexane	7.95	56	641539	48.07	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	444546	49.44	ug/l	99
36) 1,1-Dichloropropene	8.08	75	492692	50.27	ug/l	99
37) Ethyl Acetate	7.25	43	235293	48.17	ug/l	98
38) Carbon Tetrachloride	8.07	117	384305	48.17	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030920\
 Data File : VW015105.D
 Acq On : 09 Mar 2020 18:41
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Mar 10 17:44:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030920S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 09 18:51:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	578852	51.65	ug/l	98
40) Benzene	8.32	78	1356536	49.80	ug/l	99
41) Methacrylonitrile	7.48	41	133414	51.64	ug/l	97
42) 1,2-Dichloroethane	8.40	62	410692	49.49	ug/l	99
43) Isopropyl Acetate	8.42	43	432454	49.38	ug/l	99
44) Trichloroethene	9.09	130	281718	48.59	ug/l	98
45) 1,2-Dichloropropane	9.37	63	368413	50.22	ug/l	99
46) Dibromomethane	9.46	93	156098	48.94	ug/l	98
47) Bromodichloromethane	9.64	83	426744	50.11	ug/l	98
48) Methyl methacrylate	9.43	41	204282	45.71	ug/l	100
49) 1,4-Dioxane	9.46	88	43149	883.60	ug/l #	68
51) 4-Methyl-2-Pentanone	10.21	43	1142729	236.24	ug/l	100
52) Toluene	10.38	92	798969	51.06	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	425610	50.80	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	522335	51.18	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	212440	48.61	ug/l	98
56) Ethyl methacrylate	10.64	69	297651	47.34	ug/l	100
57) 1,3-Dichloropropane	10.93	76	417154	50.13	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	884762	267.39	ug/l	100
59) 2-Hexanone	10.96	43	739896	222.75	ug/l	99
60) Dibromochloromethane	11.12	129	223386	49.49	ug/l	99
61) 1,2-Dibromoethane	11.23	107	189385	48.88	ug/l	99
64) Tetrachloroethene	10.86	164	211483	48.71	ug/l	96
65) Chlorobenzene	11.65	112	756115	50.07	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	248673	49.45	ug/l	100
67) Ethyl Benzene	11.73	91	1532909	52.17	ug/l	98
68) m/p-Xylenes	11.84	106	1087284	104.66	ug/l	100
69) o-Xylene	12.16	106	496828	53.09	ug/l	97
70) Styrene	12.18	104	869719	54.24	ug/l	99
71) Bromoform	12.35	173	107524	48.18	ug/l #	99
73) Isopropylbenzene	12.46	105	1384109	53.78	ug/l	100
74) N-amyl acetate	12.27	43	397643	46.81	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	255655	48.92	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	342250	89.87	ug/l #	100
77) Bromobenzene	12.74	156	261802	51.46	ug/l	99
78) n-propylbenzene	12.80	91	1812489	54.19	ug/l	100
79) 2-Chlorotoluene	12.89	91	997748	53.05	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1180955	53.36	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	82689	49.04	ug/l	99
82) 4-Chlorotoluene	12.99	91	1051517	52.50	ug/l	99
83) tert-Butylbenzene	13.21	119	938928	52.37	ug/l	96
84) 1,2,4-Trimethylbenzene	13.25	105	1193689	53.94	ug/l	97
85) sec-Butylbenzene	13.38	105	1456541	53.68	ug/l	100
86) p-Isopropyltoluene	13.49	119	1253303	53.74	ug/l	99
87) 1,3-Dichlorobenzene	13.49	146	544273	50.49	ug/l	99
88) 1,4-Dichlorobenzene	13.57	146	528842	49.83	ug/l	100
89) n-Butylbenzene	13.82	91	1340355	53.29	ug/l	100
90) Hexachloroethane	14.09	117	232895	49.79	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	471791	49.98	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	39750	47.36	ug/l	95

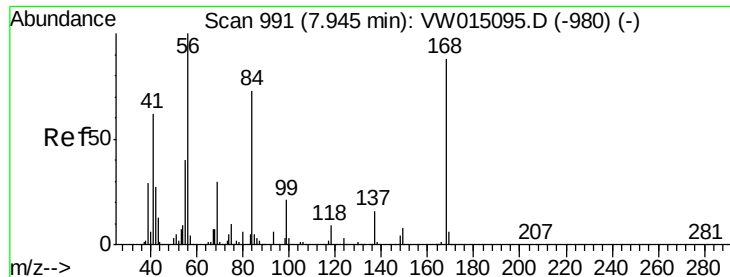
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW030920\
Data File : VW015105.D
Acq On : 09 Mar 2020 18:41
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Quant Time: Mar 10 17:44:36 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W030920S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 09 18:51:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	270720	50.11	ug/l	99
94) Hexachlorobutadiene	15.23	225	162049	47.78	ug/l	98
95) Naphthalene	15.36	128	533299	45.44	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	240928	50.28	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW015105.D

Acq: 09 Mar 2020 18:41

Instrument :

MSVOA_W

ClientSampleId :

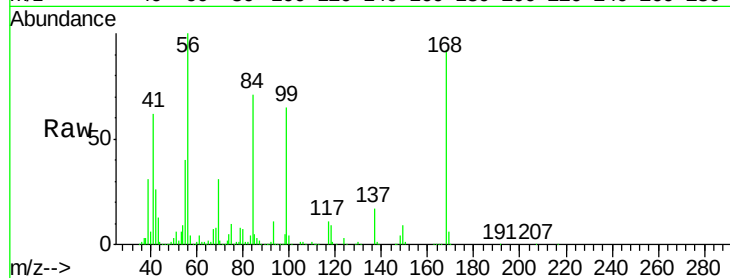
VSTDCCC050EC

Tgt Ion: 168 Resp: 455465

Ion Ratio Lower Upper

168 100

99 69.9 57.2 85.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

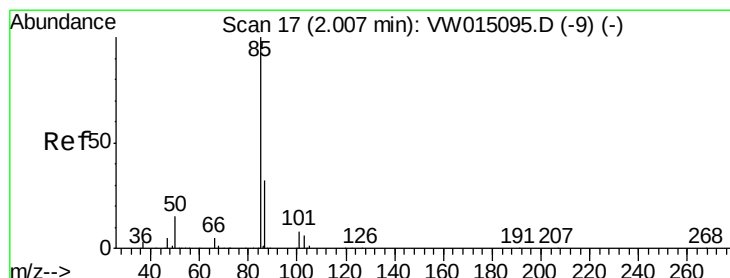
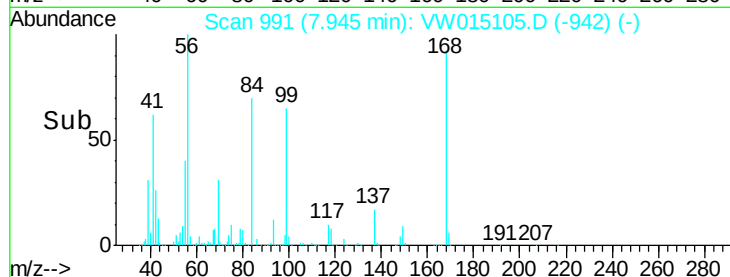
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 45.02 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW015105.D

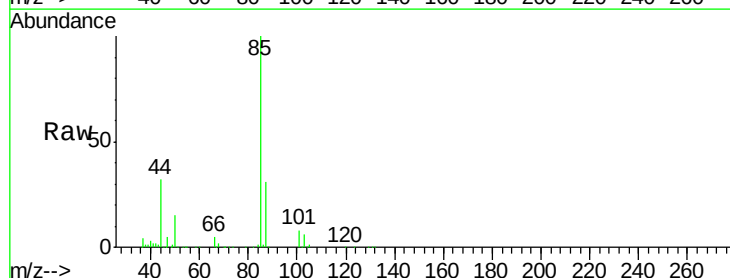
Acq: 09 Mar 2020 18:41

Tgt Ion: 85 Resp: 124347

Ion Ratio Lower Upper

85 100

87 31.0 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

50000

40000

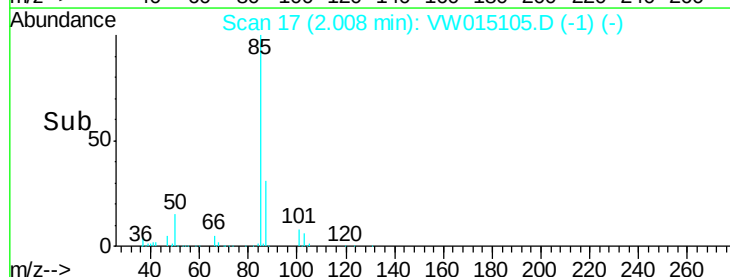
30000

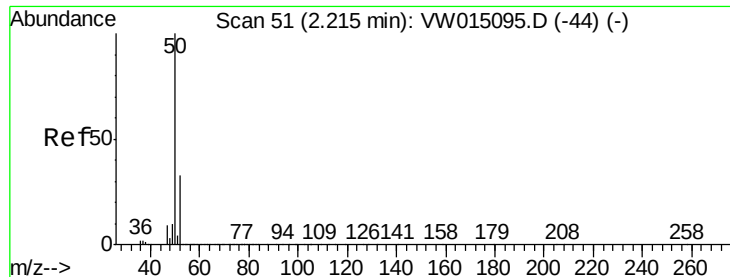
20000

10000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 43.27 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW015105.D

Acq: 09 Mar 2020 18:41

Instrument :

MSVOA_W

ClientSampleId :

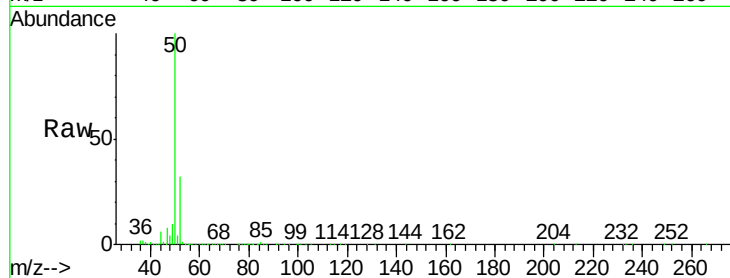
VSTDCCC050EC

Tgt Ion: 50 Resp: 256468

Ion Ratio Lower Upper

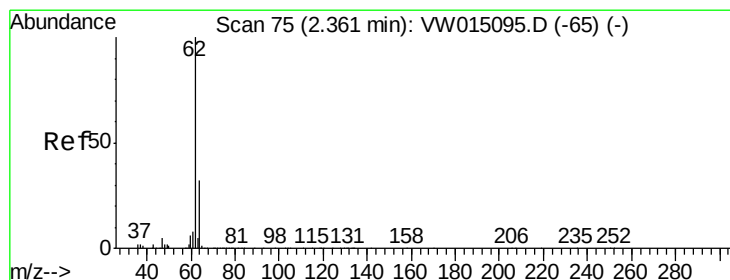
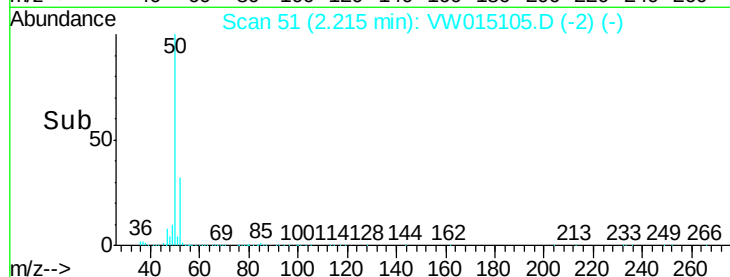
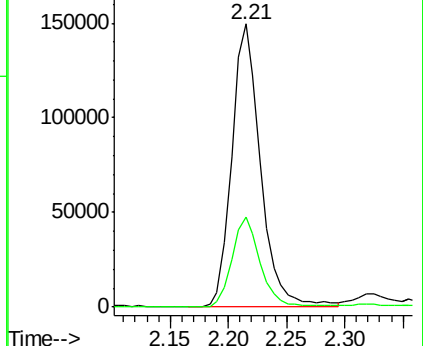
50 100

52 31.7 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 44.85 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.01 min

Lab File: VW015105.D

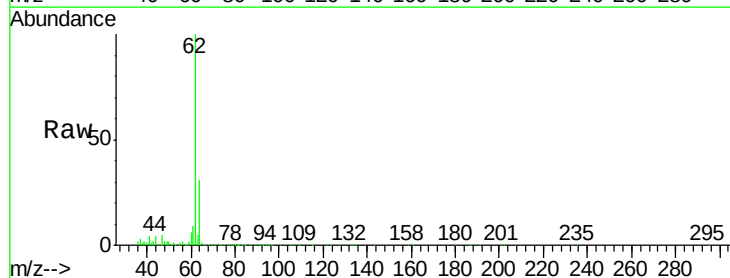
Acq: 09 Mar 2020 18:41

Tgt Ion: 62 Resp: 348017

Ion Ratio Lower Upper

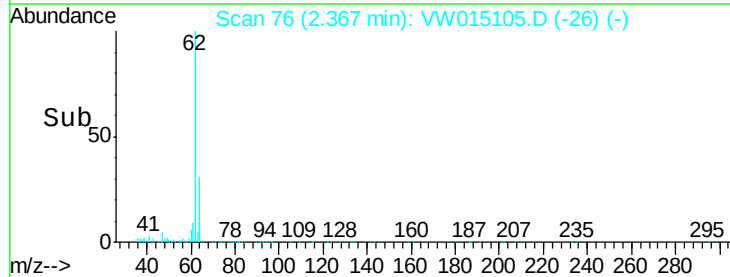
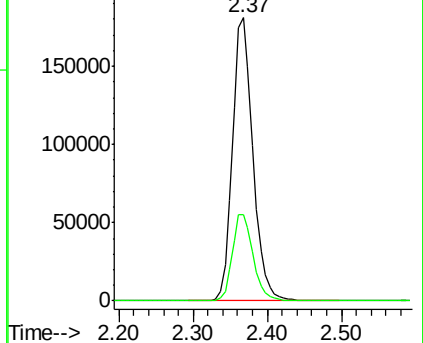
62 100

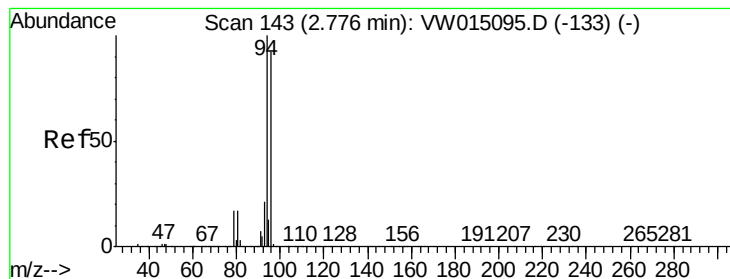
64 30.5 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 47.60 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW015105.D

Acq: 09 Mar 2020 18:41

Instrument :

MSVOA_W

ClientSampleId :

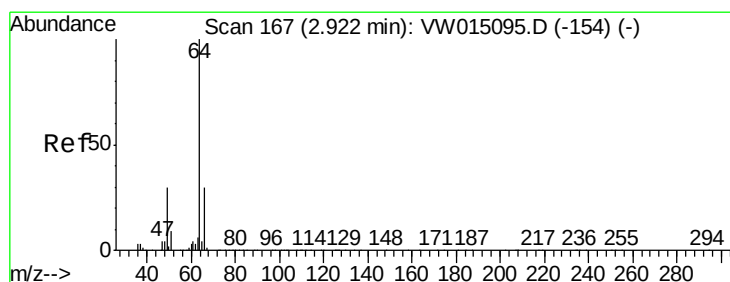
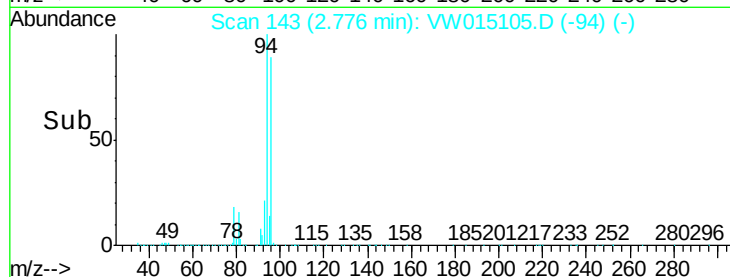
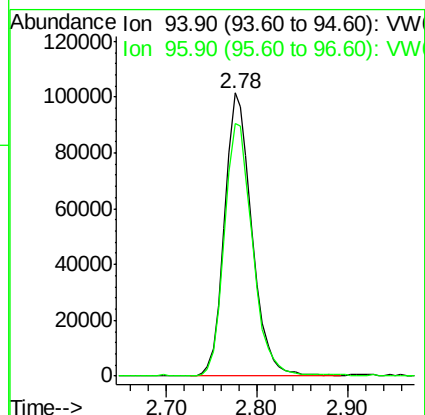
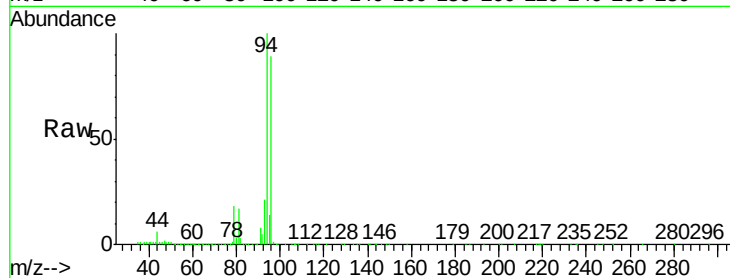
VSTDCCC050EC

Tgt Ion: 94 Resp: 211109

Ion Ratio Lower Upper

94 100

96 89.1 74.0 111.0



#6

Chloroethane

Concen: 48.34 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW015105.D

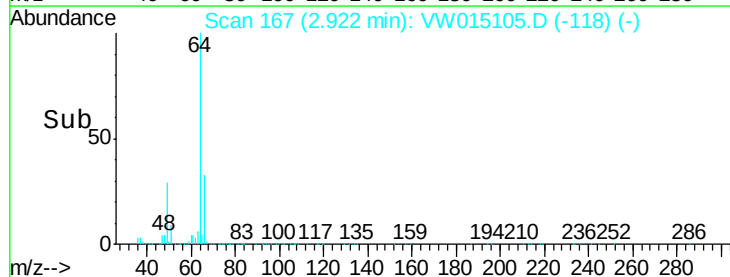
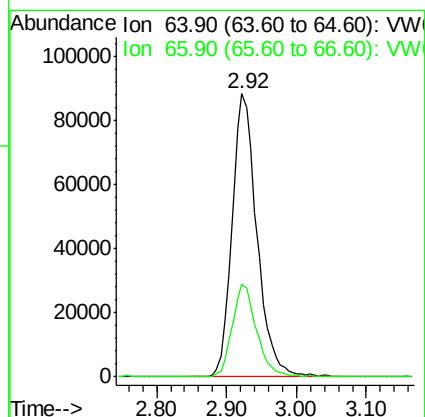
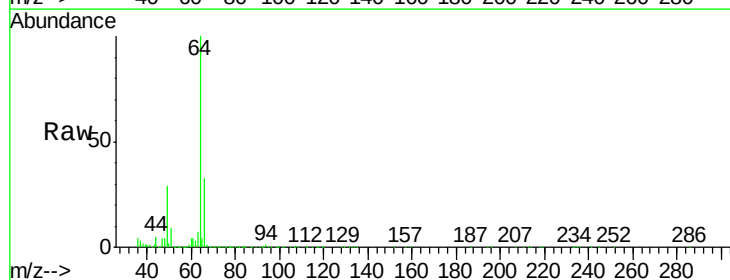
Acq: 09 Mar 2020 18:41

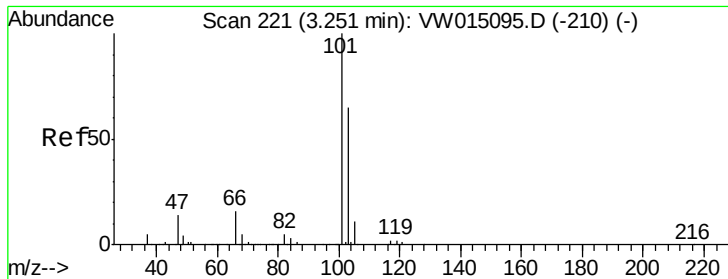
Tgt Ion: 64 Resp: 217235

Ion Ratio Lower Upper

64 100

66 32.8 24.2 36.2





#7

Trichlorofluoromethane

Concen: 51.88 ug/l

RT: 3.26 min Scan# 222

Delta R.T. 0.01 min

Lab File: VW015105.D

Acq: 09 Mar 2020 18:41

Instrument :

MSVOA_W

ClientSampleId :

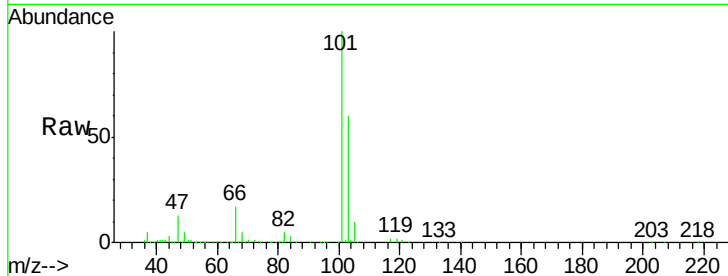
VSTDCCC050EC

Tgt Ion:101 Resp: 201447

Ion Ratio Lower Upper

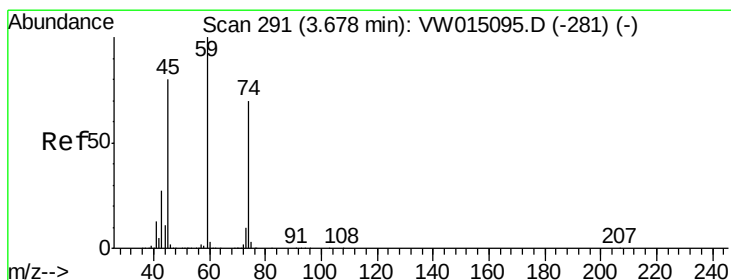
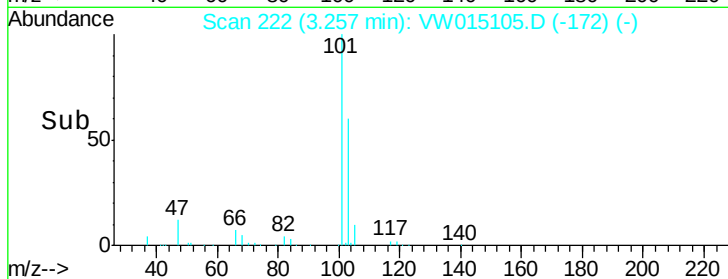
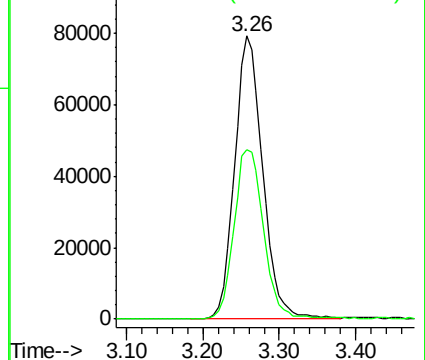
101 100

103 59.8 51.8 77.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 49.95 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW015105.D

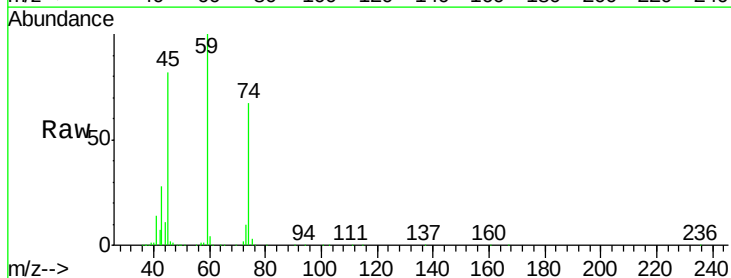
Acq: 09 Mar 2020 18:41

Tgt Ion: 74 Resp: 147787

Ion Ratio Lower Upper

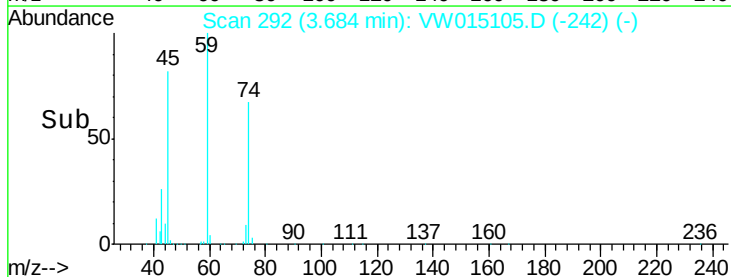
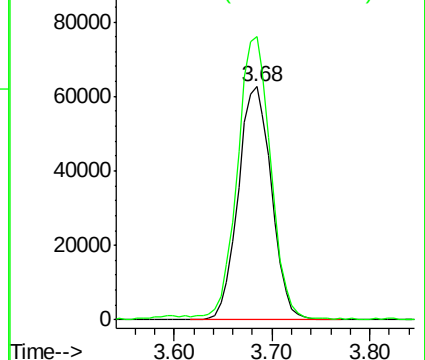
74 100

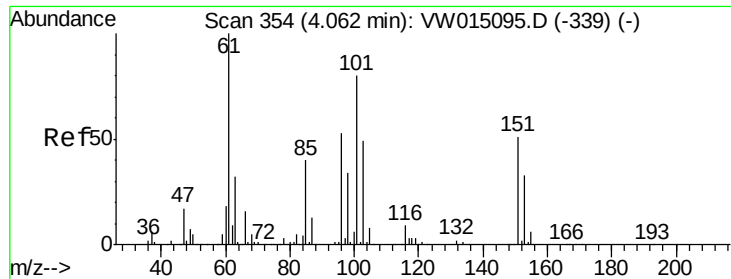
45 121.5 59.2 177.5



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.27 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW015105.D

Acq: 09 Mar 2020 18:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

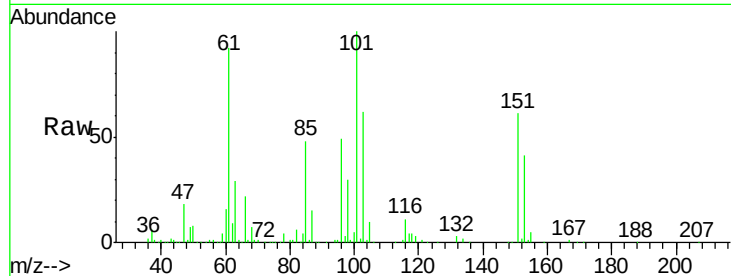
Tgt Ion:101 Resp: 279803

Ion Ratio Lower Upper

101 100

85 48.3 39.0 58.4

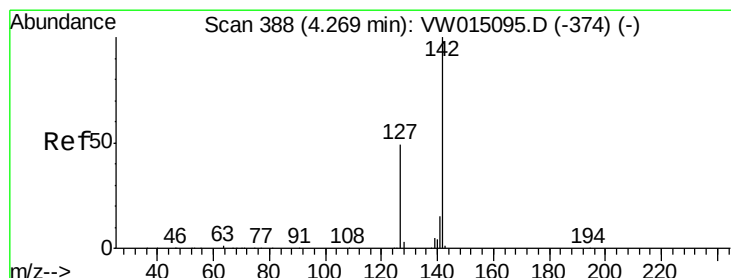
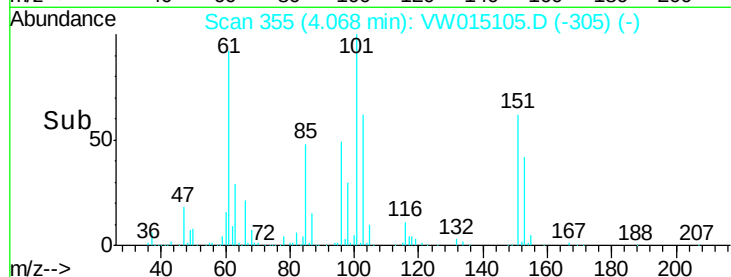
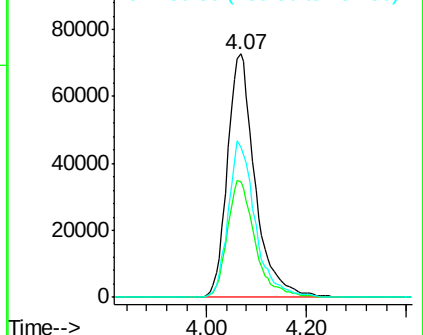
151 62.6 50.8 76.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.59 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW015105.D

Acq: 09 Mar 2020 18:41

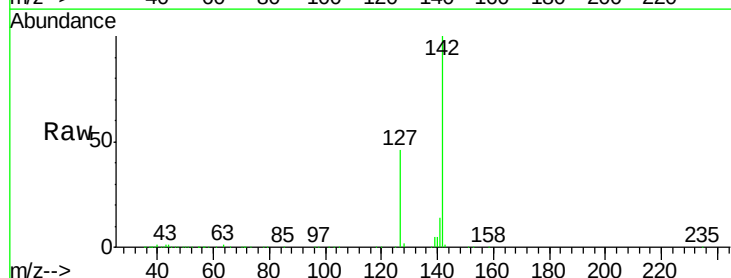
Tgt Ion:142 Resp: 326573

Ion Ratio Lower Upper

142 100

127 47.7 38.2 57.4

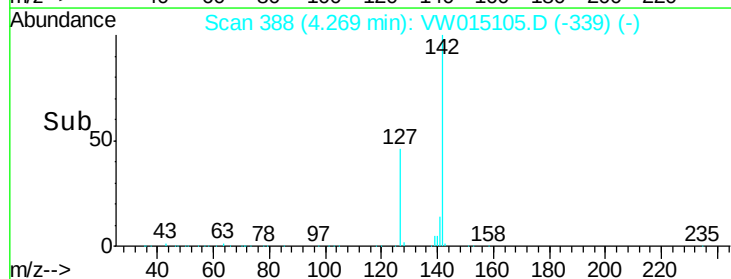
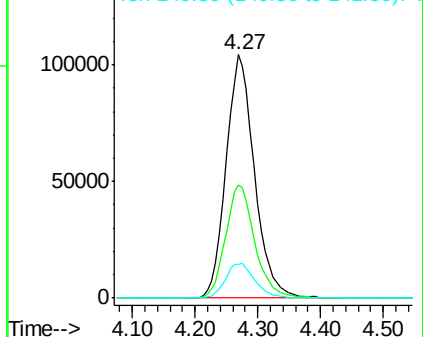
141 15.0 12.0 18.0

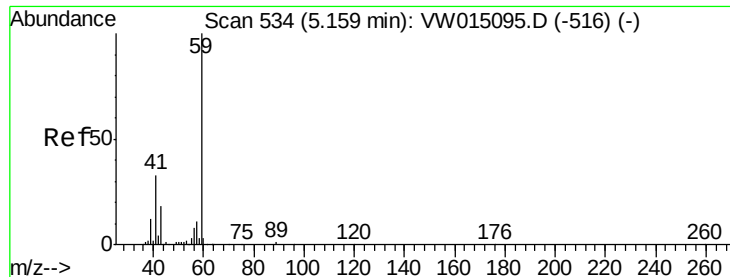


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

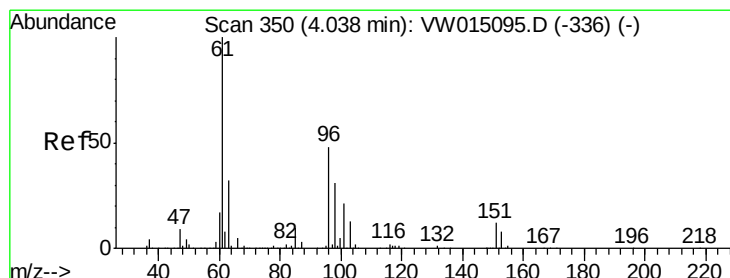
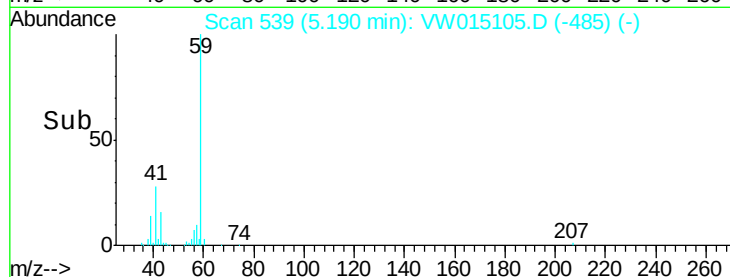
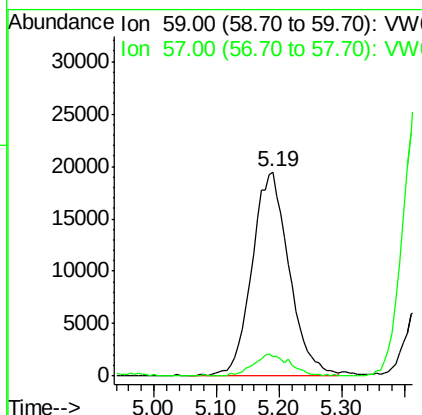
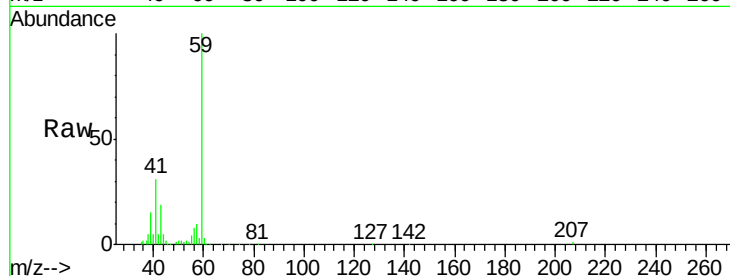




#11
Tert butyl alcohol
Concen: 207.70 ug/l
RT: 5.19 min Scan# 539
Delta R.T. 0.03 min
Lab File: VW015105.D
Acq: 09 Mar 2020 18:41

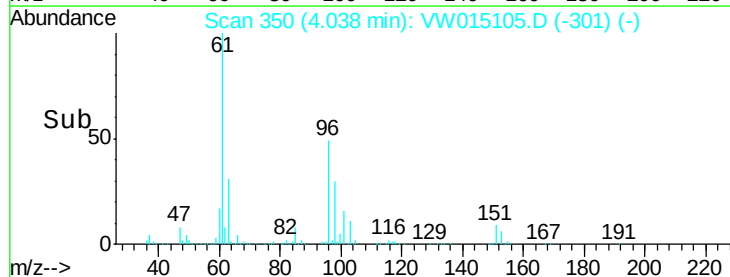
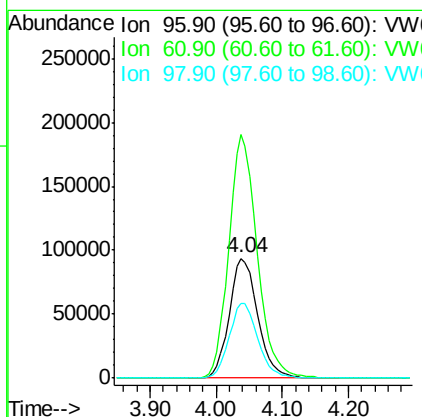
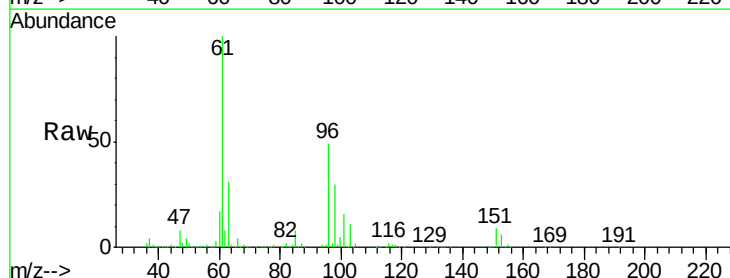
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

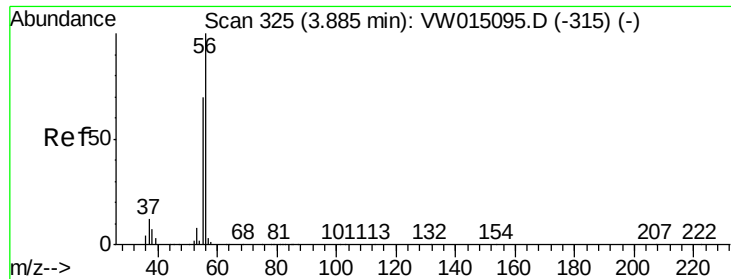
Tgt Ion: 59 Resp: 79939
Ion Ratio Lower Upper
59 100
57 10.8 9.1 13.7



#12
1,1-Dichloroethene
Concen: 48.36 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW015105.D
Acq: 09 Mar 2020 18:41

Tgt Ion: 96 Resp: 279883
Ion Ratio Lower Upper
96 100
61 203.4 165.5 248.3
98 62.0 51.1 76.7

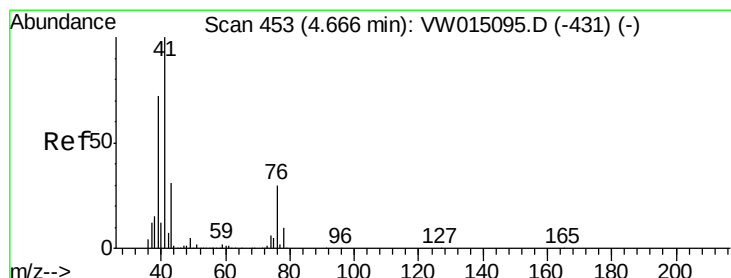
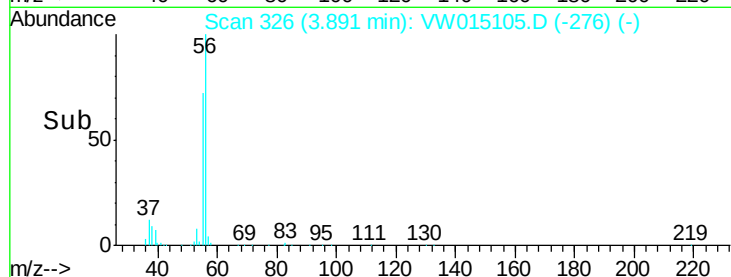
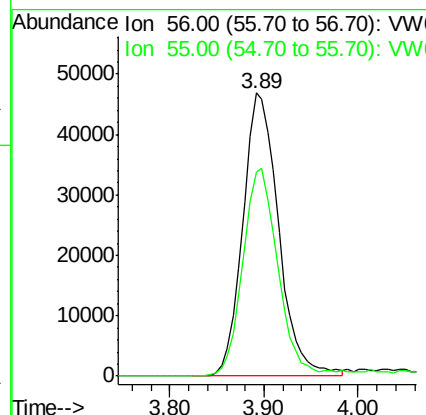
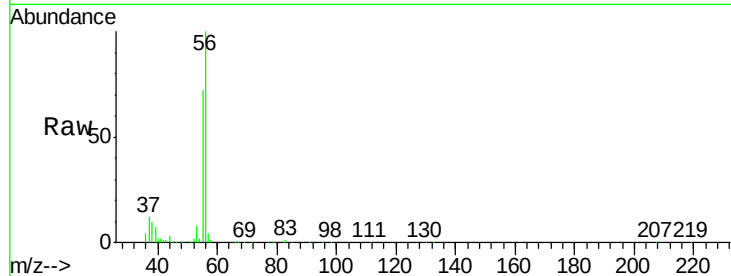




#13
Acrolein
Concen: 218.10 ug/l
RT: 3.89 min Scan# 326
Delta R.T. 0.01 min
Lab File: VW015105.D
Acq: 09 Mar 2020 18:41

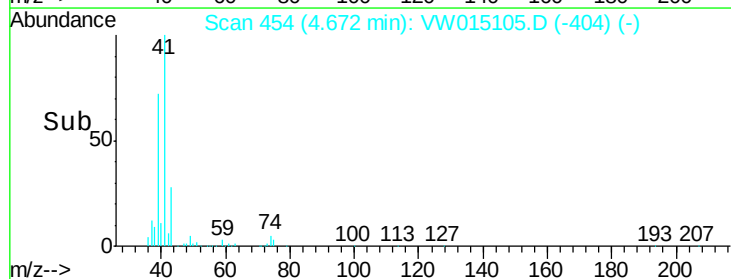
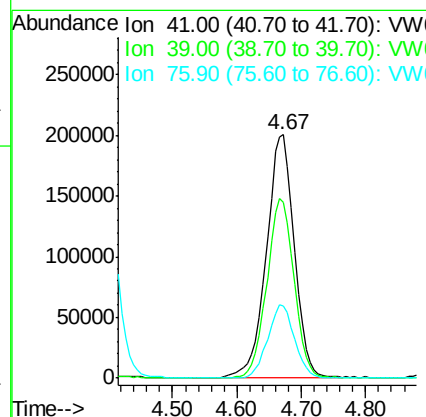
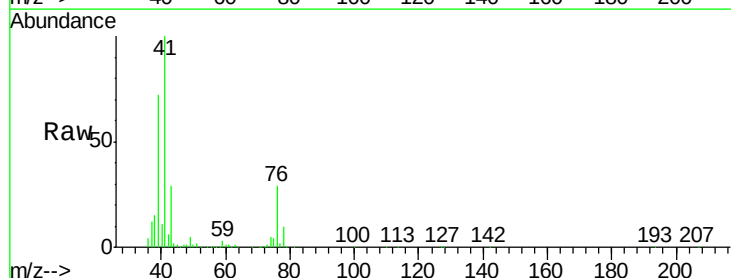
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

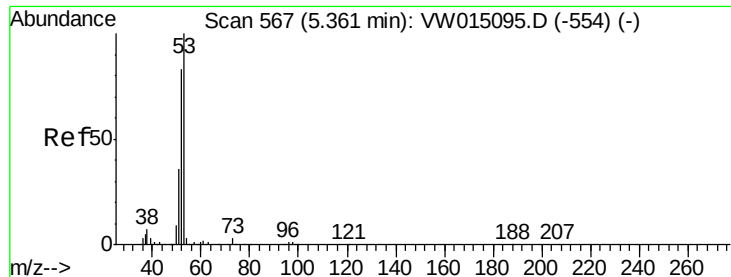
Tgt Ion: 56 Resp: 122768
Ion Ratio Lower Upper
56 100
55 72.9 55.4 83.2



#14
Allyl chloride
Concen: 52.08 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW015105.D
Acq: 09 Mar 2020 18:41

Tgt Ion: 41 Resp: 603960
Ion Ratio Lower Upper
41 100
39 71.8 56.9 85.3
76 28.7 23.2 34.8





#15

Acrylonitrile

Concen: 237.95 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW015105.D

Acq: 09 Mar 2020 18:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

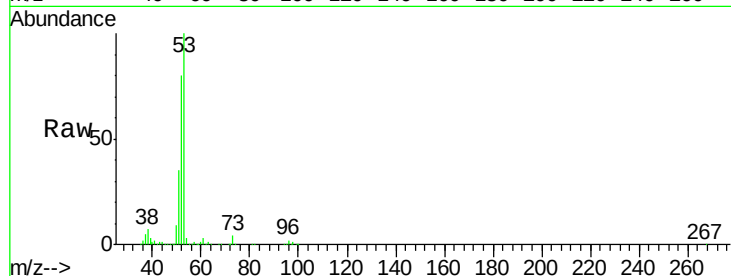
Tgt Ion: 53 Resp: 360860

Ion Ratio Lower Upper

53 100

52 83.8 67.2 100.8

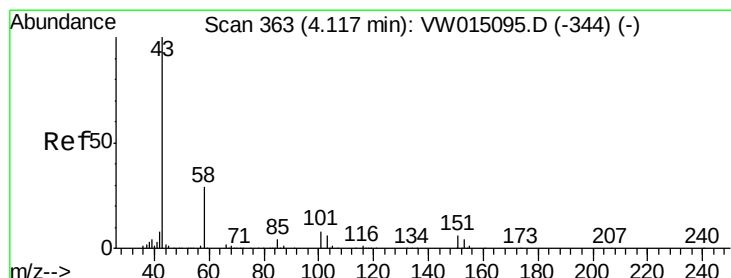
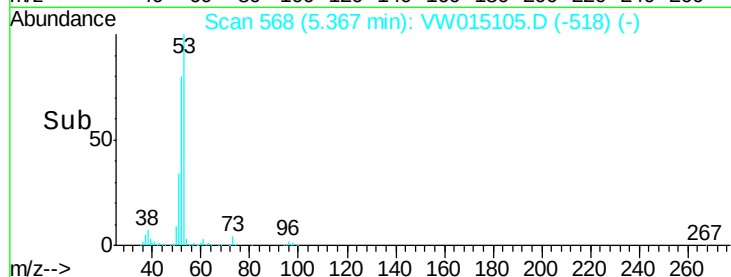
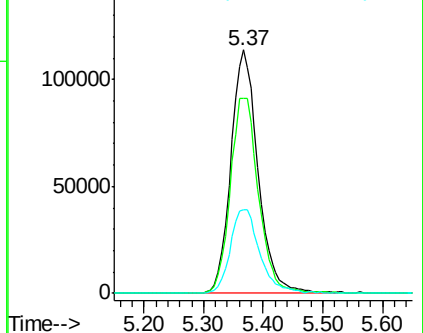
51 37.6 29.8 44.6



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 219.17 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW015105.D

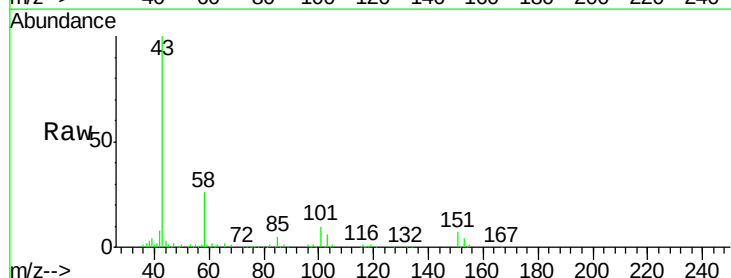
Acq: 09 Mar 2020 18:41

Tgt Ion: 43 Resp: 334743

Ion Ratio Lower Upper

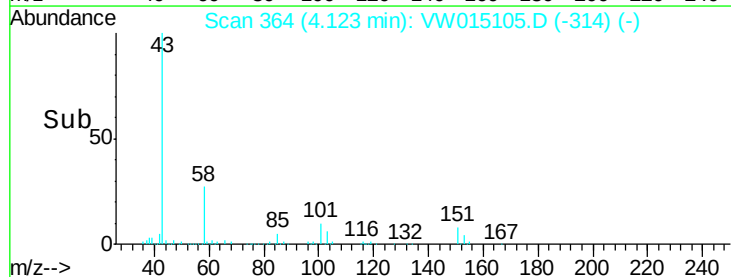
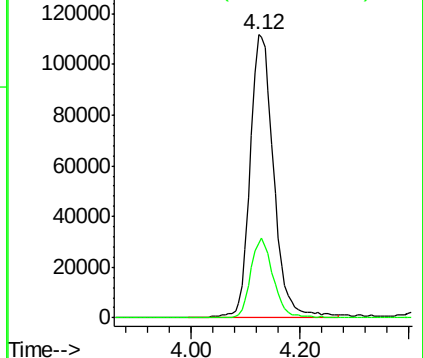
43 100

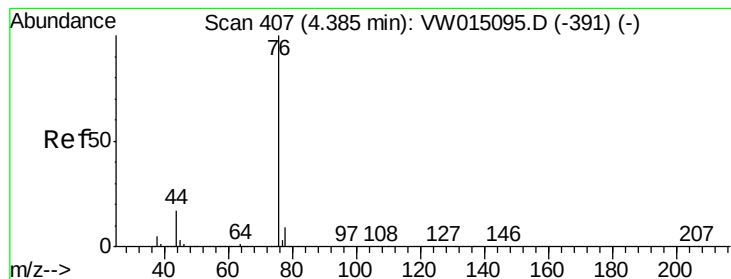
58 26.2 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 47.39 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW015105.D

Acq: 09 Mar 2020 18:41

Instrument :

MSVOA_W

ClientSampleId :

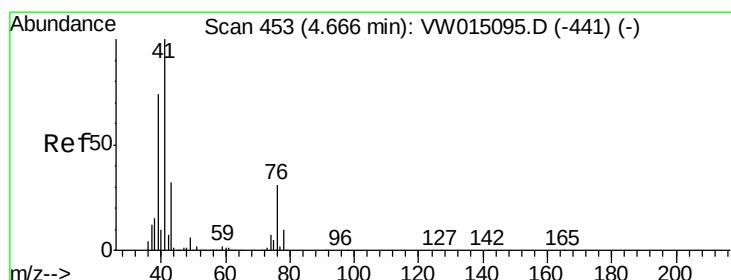
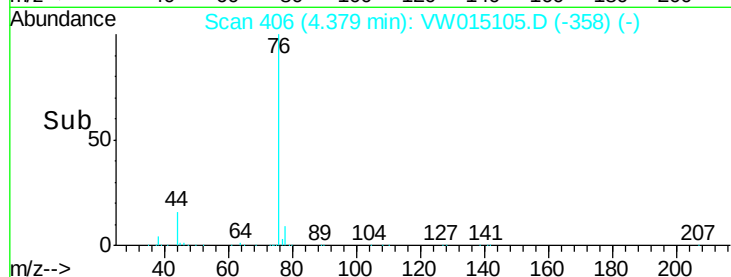
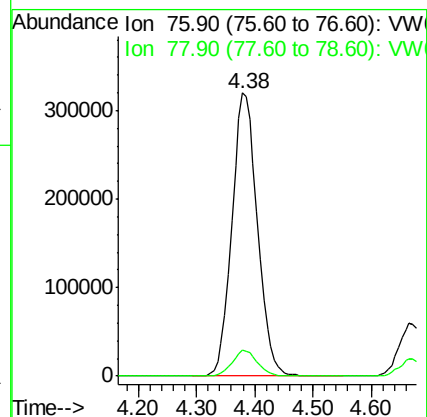
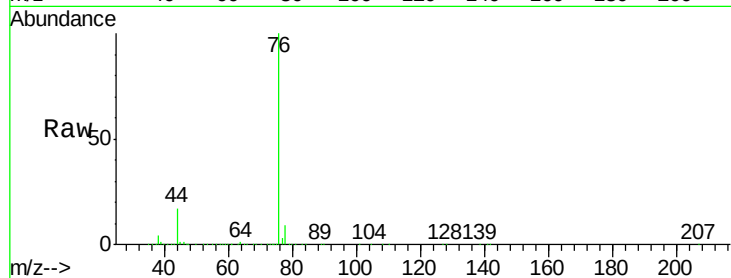
VSTDCCC050EC

Tgt Ion: 76 Resp: 972366

Ion Ratio Lower Upper

76 100

78 9.2 6.9 10.3



#18

Methyl Acetate

Concen: 47.32 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW015105.D

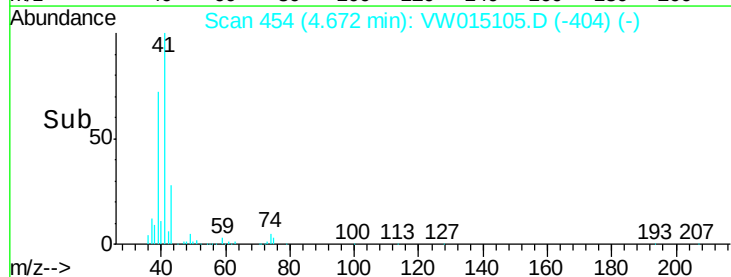
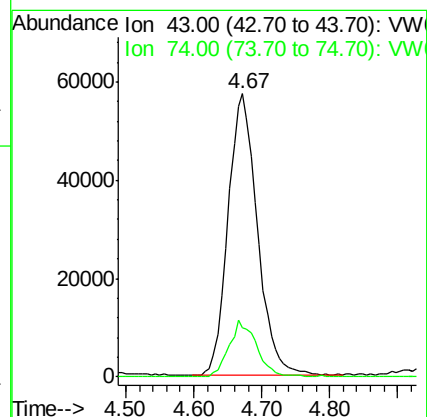
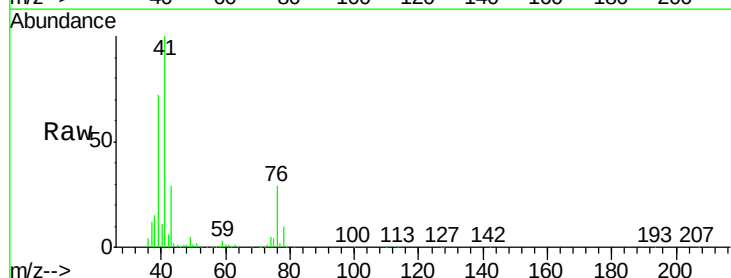
Acq: 09 Mar 2020 18:41

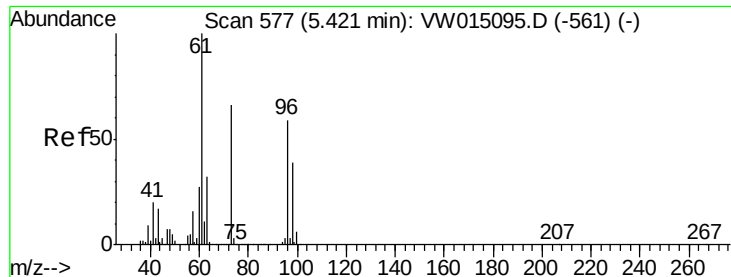
Tgt Ion: 43 Resp: 171336

Ion Ratio Lower Upper

43 100

74 18.6 15.8 23.6





#19

Methyl tert-butyl Ether

Concen: 54.73 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW015105.D

Acq: 09 Mar 2020 18:41

Instrument :

MSVOA_W

ClientSampleId :

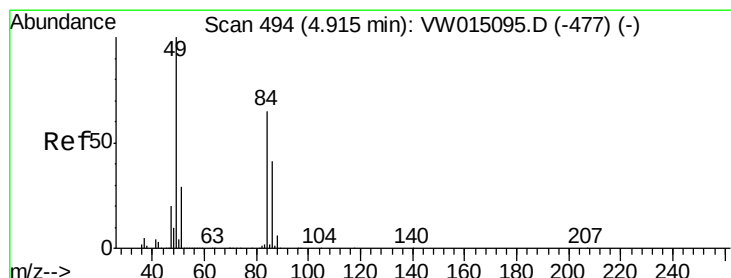
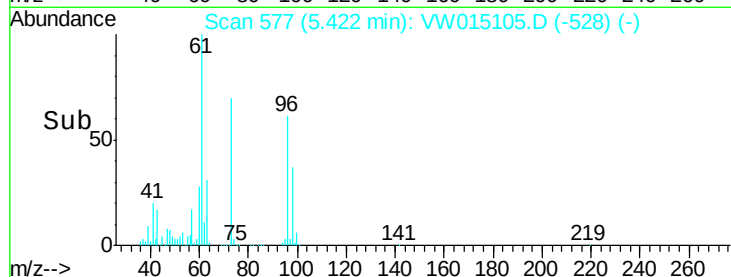
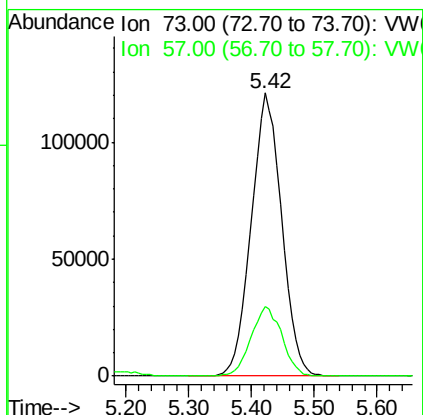
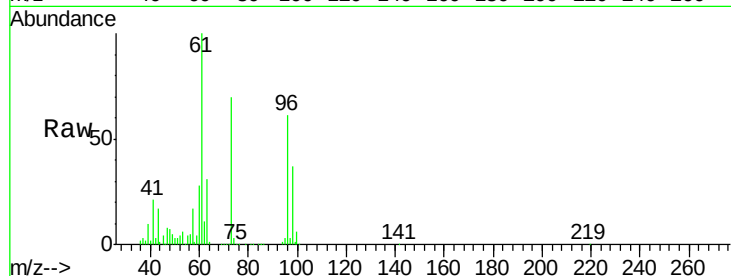
VSTDCCC050EC

Tgt Ion: 73 Resp: 405448

Ion Ratio Lower Upper

73 100

57 24.6 19.3 28.9



#20

Methylene Chloride

Concen: 55.08 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW015105.D

Acq: 09 Mar 2020 18:41

Tgt Ion: 84 Resp: 340957

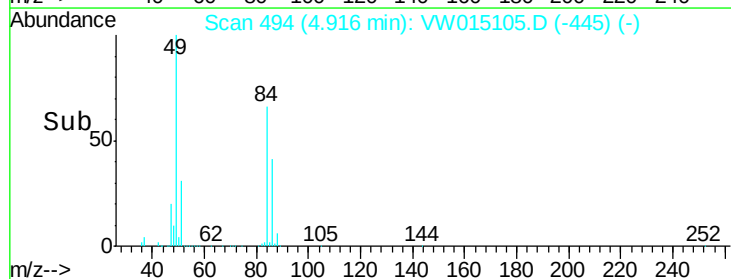
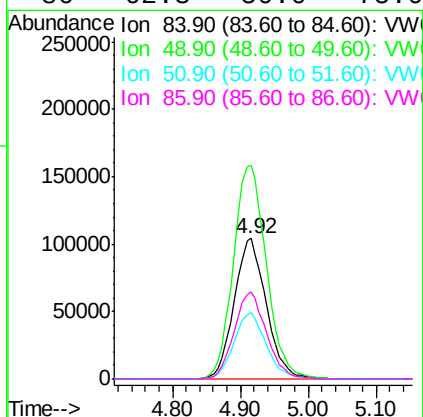
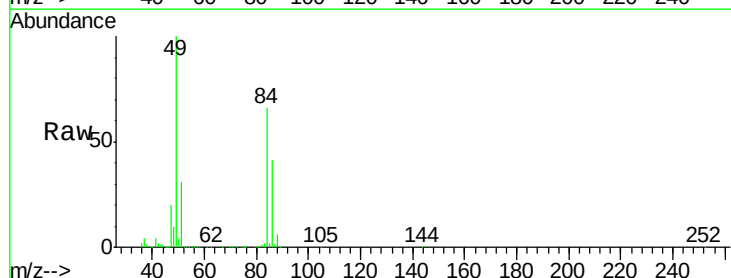
Ion Ratio Lower Upper

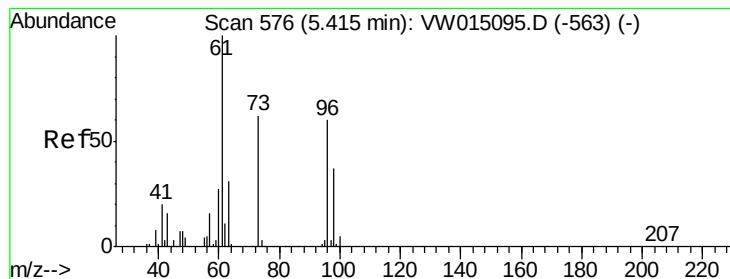
84 100

49 152.3 122.8 184.2

51 46.9 35.9 53.9

86 62.3 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 50.76 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW015105.D

Acq: 09 Mar 2020 18:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

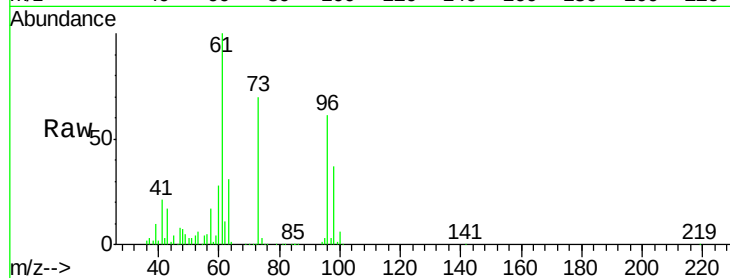
Tgt Ion: 96 Resp: 311859

Ion Ratio Lower Upper

96 100

61 165.2 132.5 198.7

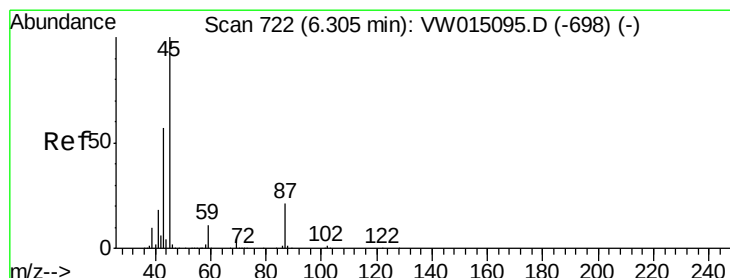
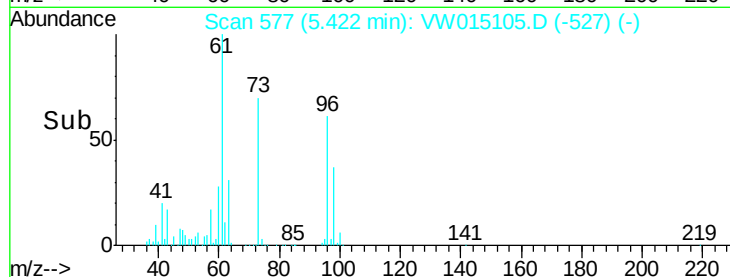
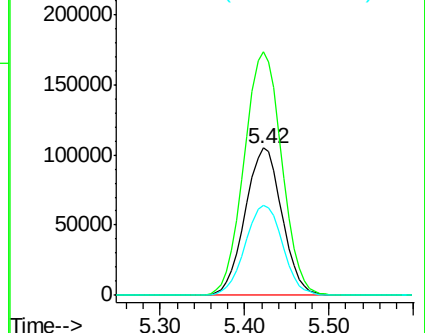
98 61.2 48.9 73.3



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: 54.25 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW015105.D

Acq: 09 Mar 2020 18:41

Tgt Ion: 45 Resp: 1207253

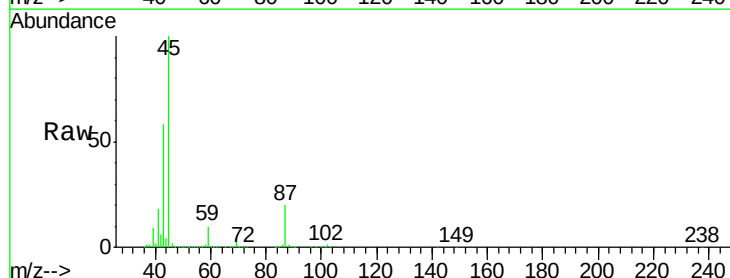
Ion Ratio Lower Upper

45 100

43 57.2 45.4 68.0

87 19.7 16.4 24.6

59 10.3 8.4 12.6

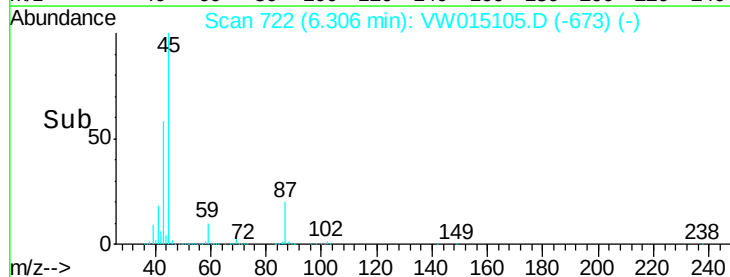
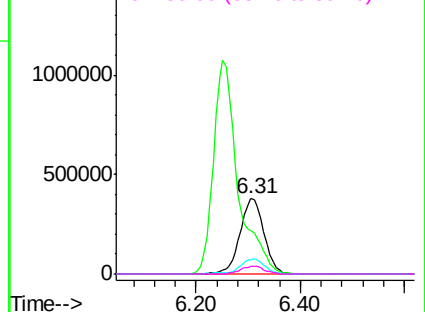


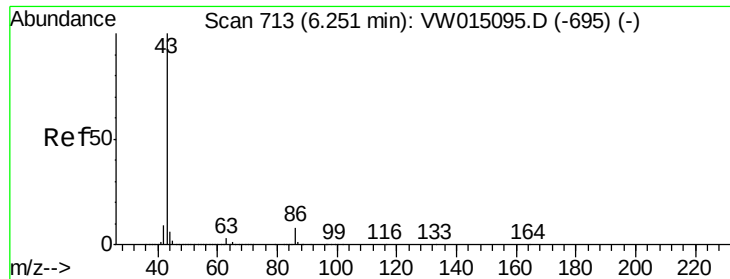
Abundance Ion 45.00 (44.70 to 45.70): VW

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: 267.64 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW015105.D

Acq: 09 Mar 2020 18:41

Instrument :

MSVOA_W

ClientSampleId :

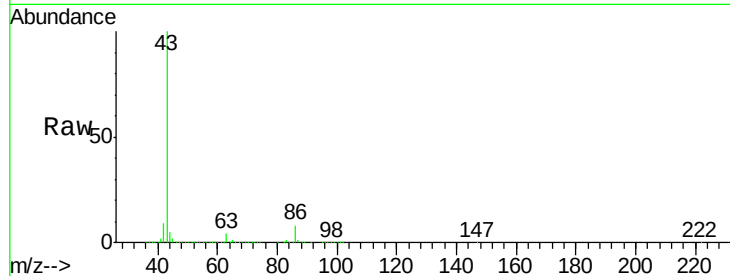
VSTDCCC050EC

Tgt Ion: 43 Resp: 3515736

Ion Ratio Lower Upper

43 100

86 8.0 6.3 9.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

1200000

1000000

800000

600000

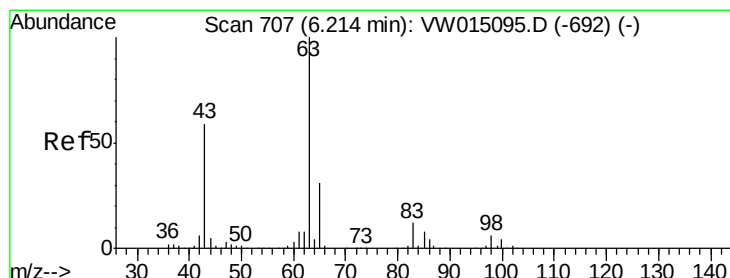
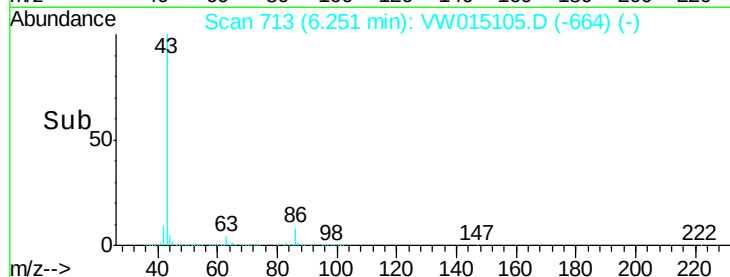
400000

200000

0

6.10 6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 50.17 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW015105.D

Acq: 09 Mar 2020 18:41

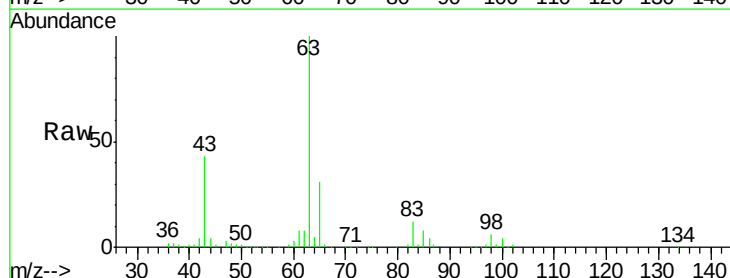
Tgt Ion: 63 Resp: 651011

Ion Ratio Lower Upper

63 100

98 6.1 2.9 8.8

100 3.6 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

300000

250000

200000

150000

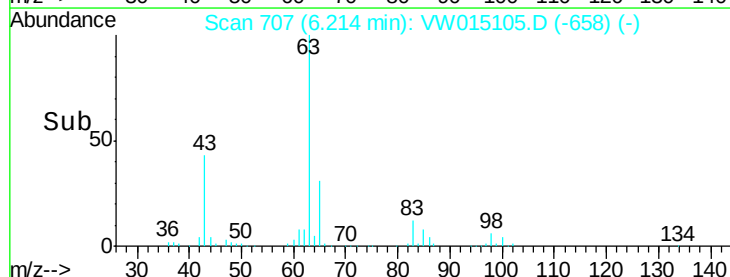
100000

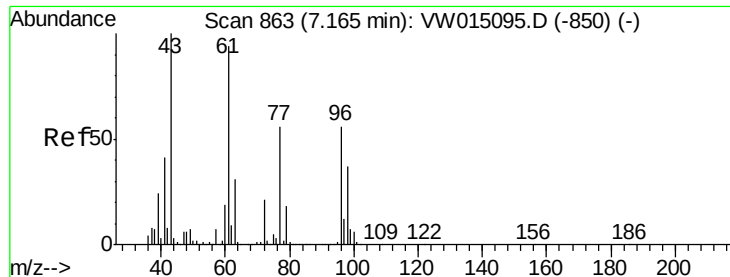
50000

0

6.10 6.20 6.30

Time-->





#25

2-Butanone

Concen: 232.90 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW015105.D

Acq: 09 Mar 2020 18:41

Instrument :

MSVOA_W

ClientSampleId :

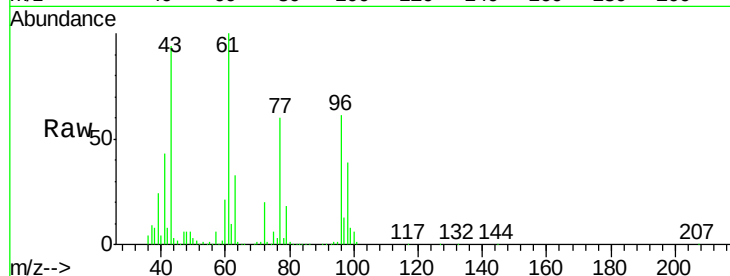
VSTDCCC050EC

Tgt Ion: 43 Resp: 487652

Ion Ratio Lower Upper

43 100

72 20.9 17.0 25.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.17

200000

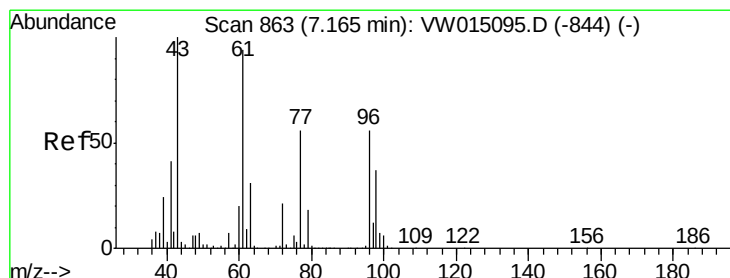
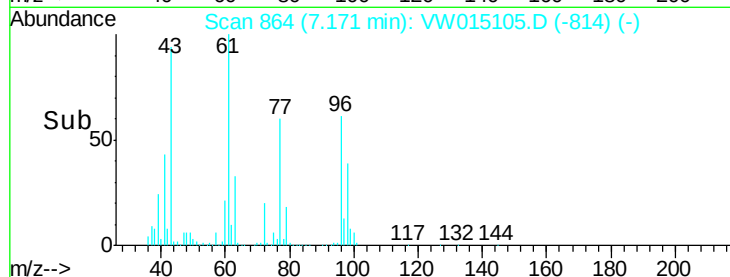
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 49.25 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW015105.D

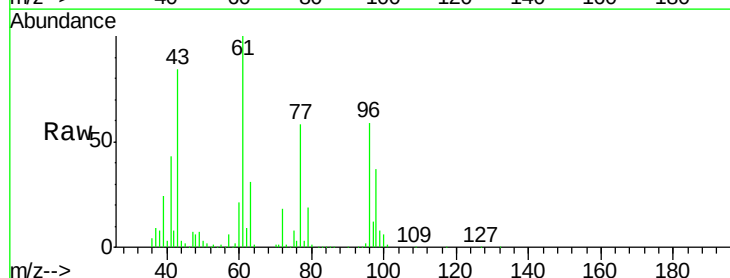
Acq: 09 Mar 2020 18:41

Tgt Ion: 77 Resp: 365552

Ion Ratio Lower Upper

77 100

97 21.1 10.6 31.8



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

7.17

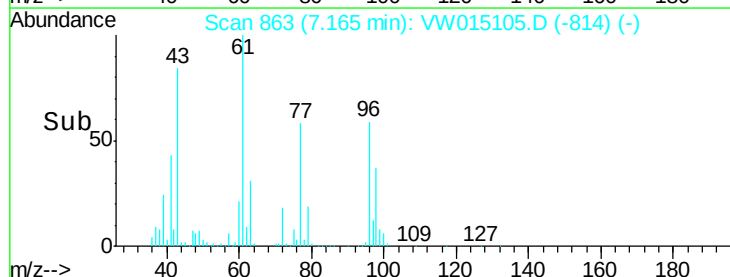
150000

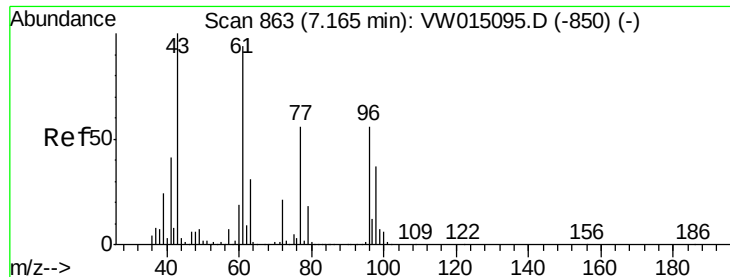
100000

50000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 51.44 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW015105.D

Acq: 09 Mar 2020 18:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

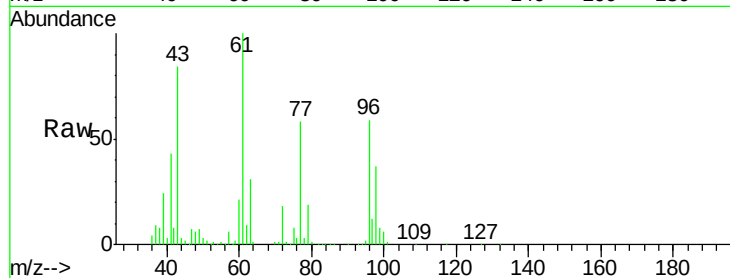
Tgt Ion: 96 Resp: 329044

Ion Ratio Lower Upper

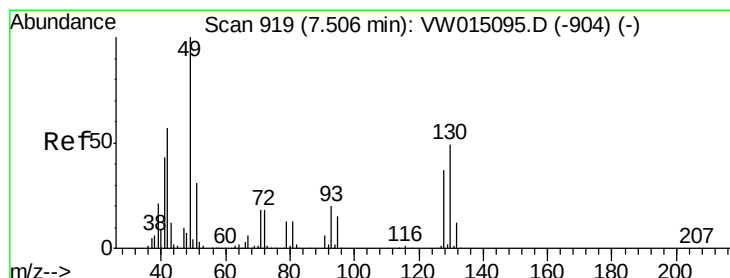
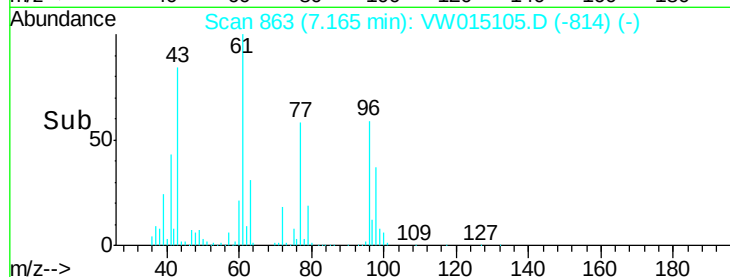
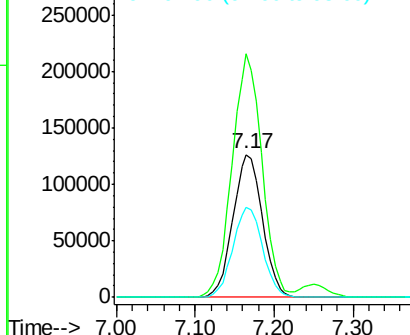
96 100

61 172.3 0.0 343.4

98 63.7 0.0 127.6



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: 49.62 ug/l

RT: 7.51 min Scan# 920

Delta R.T. 0.01 min

Lab File: VW015105.D

Acq: 09 Mar 2020 18:41

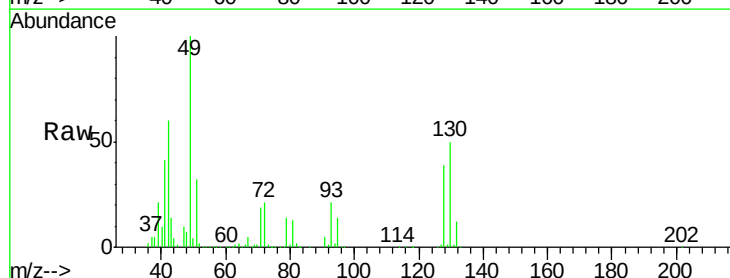
Tgt Ion: 49 Resp: 308552

Ion Ratio Lower Upper

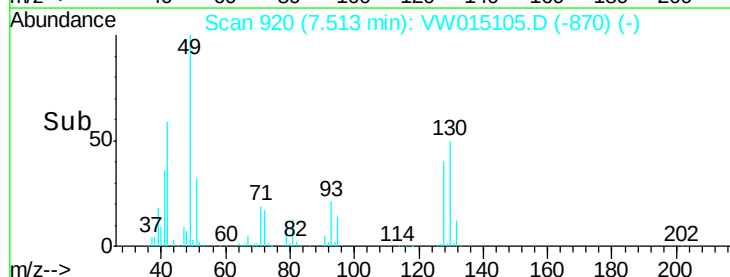
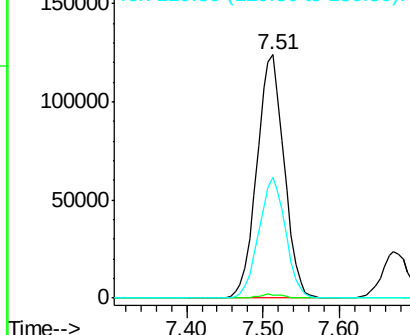
49 100

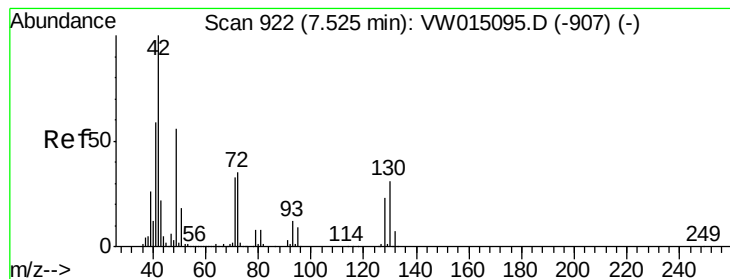
129 1.3 0.0 3.0

130 48.7 39.8 59.6



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: 243.55 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.01 min

Lab File: VW015105.D

Acq: 09 Mar 2020 18:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

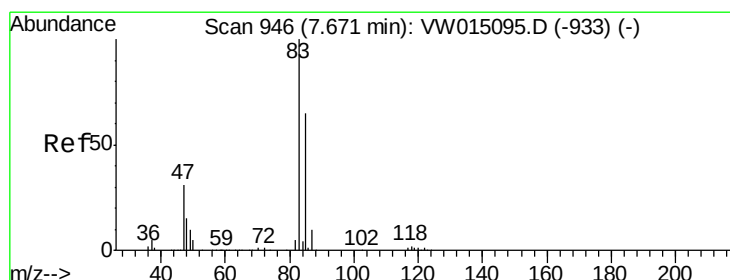
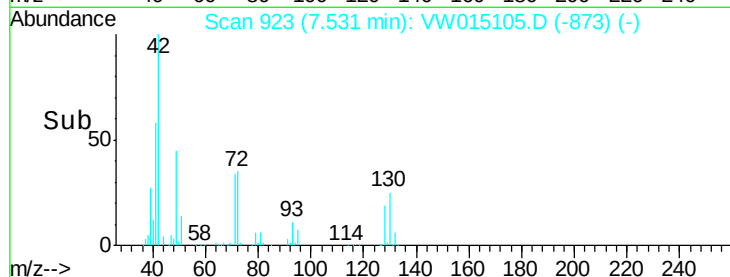
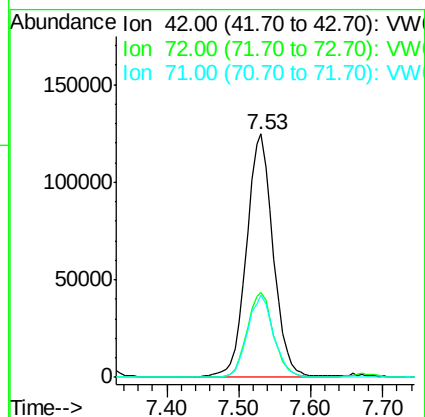
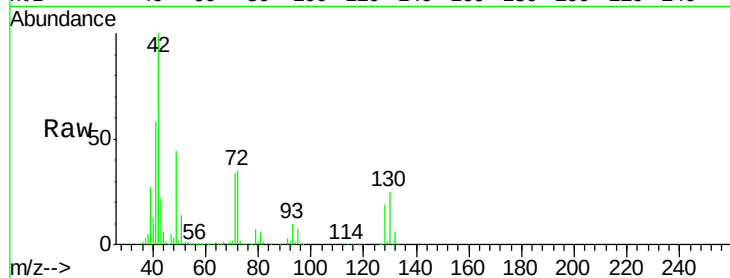
Tgt Ion: 42 Resp: 318975

Ion Ratio Lower Upper

42 100

72 34.9 27.8 41.6

71 33.2 26.4 39.6



#30

Chloroform

Concen: 49.62 ug/l

RT: 7.67 min Scan# 946

Delta R.T. 0.00 min

Lab File: VW015105.D

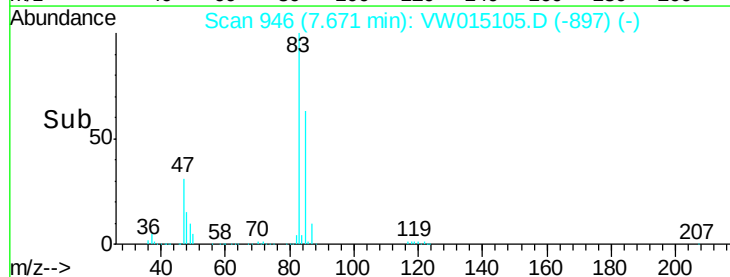
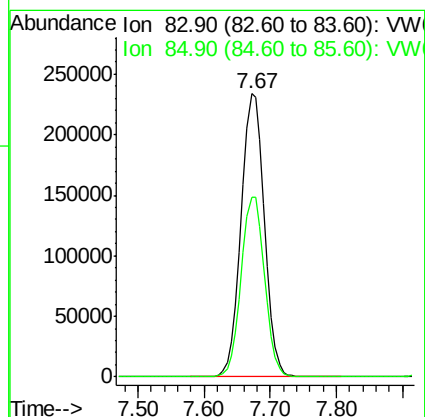
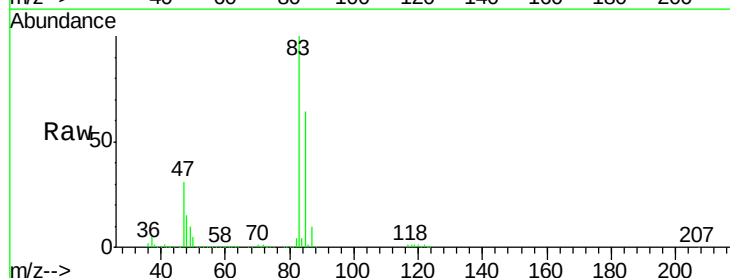
Acq: 09 Mar 2020 18:41

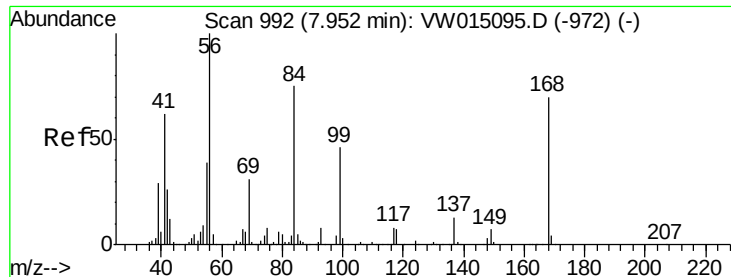
Tgt Ion: 83 Resp: 571389

Ion Ratio Lower Upper

83 100

85 63.5 51.9 77.9

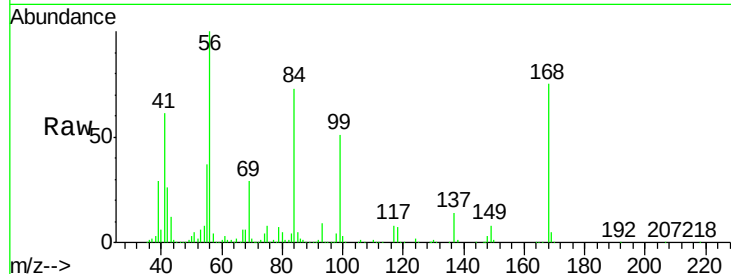




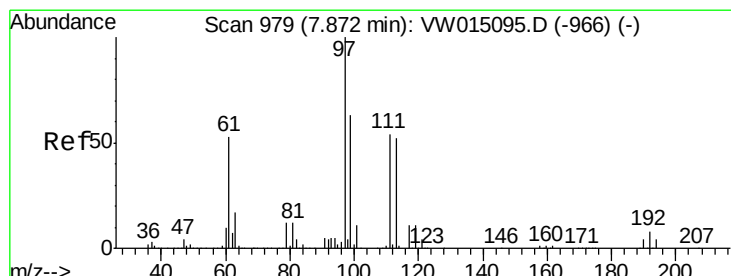
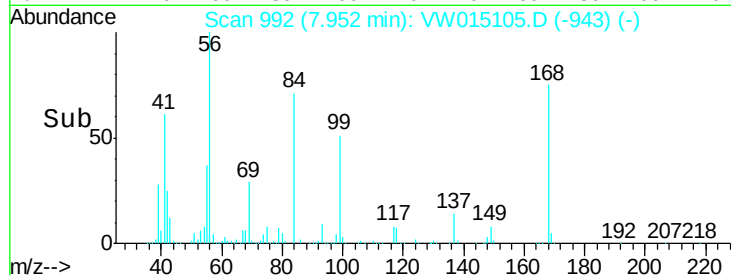
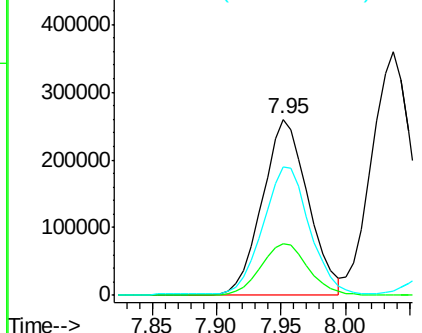
#31
Cyclohexane
Concen: 48.07 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW015105.D
Acq: 09 Mar 2020 18:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 641539
Ion Ratio Lower Upper
56 100
69 29.3 24.6 37.0
84 71.6 59.9 89.9

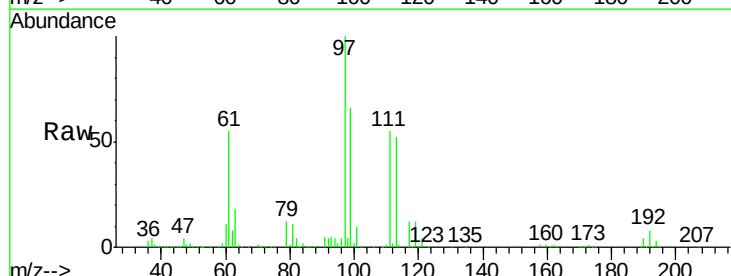


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

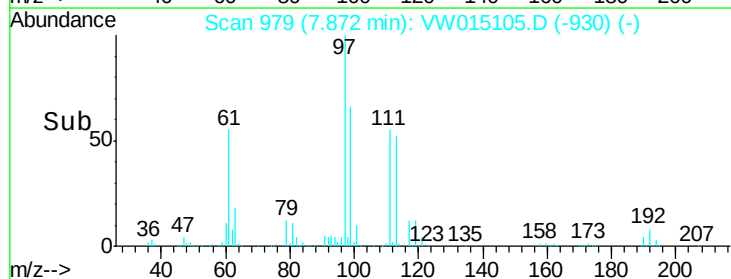
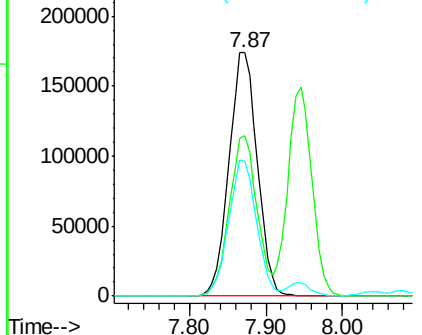


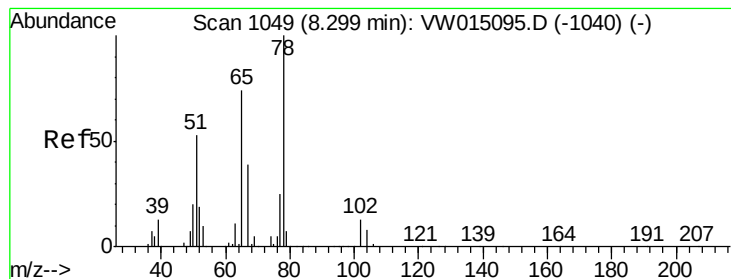
#32
1,1,1-Trichloroethane
Concen: 49.44 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW015105.D
Acq: 09 Mar 2020 18:41

Tgt Ion: 97 Resp: 444546
Ion Ratio Lower Upper
97 100
99 65.0 51.3 76.9
61 55.5 44.0 66.0



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





#33

1,2-Dichloroethane-d4

Concen: 51.57 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.01 min

Lab File: VW015105.D

Acq: 09 Mar 2020 18:41

Instrument :

MSVOA_W

ClientSampleId :

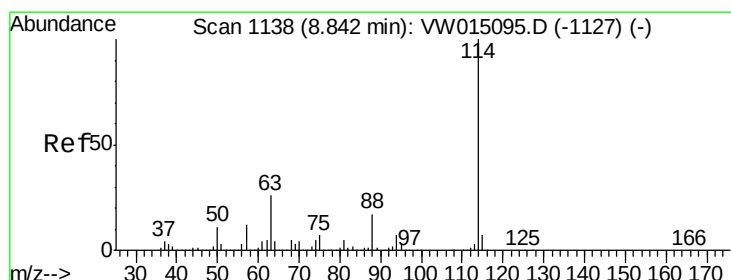
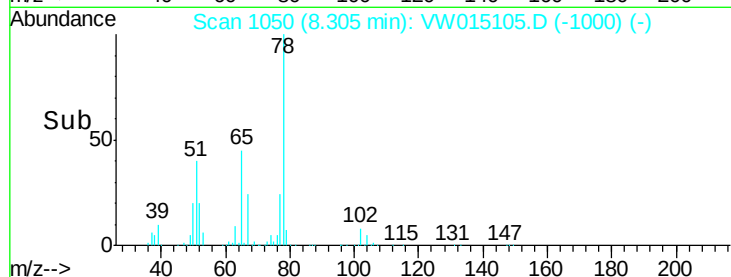
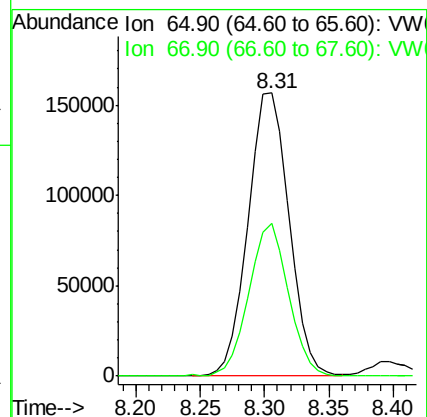
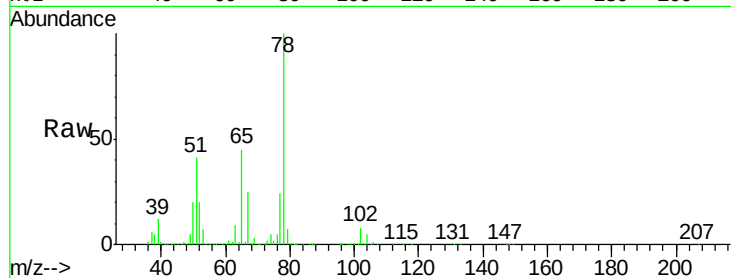
VSTDCCC050EC

Tgt Ion: 65 Resp: 345390

Ion Ratio Lower Upper

65 100

67 52.2 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW015105.D

Acq: 09 Mar 2020 18:41

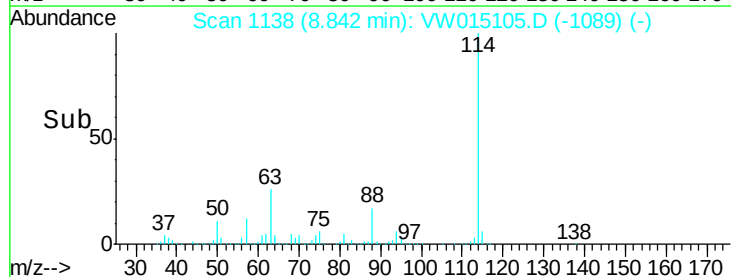
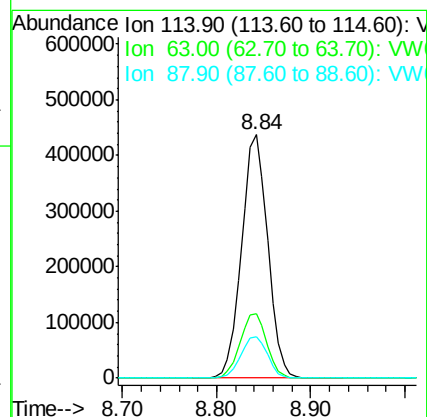
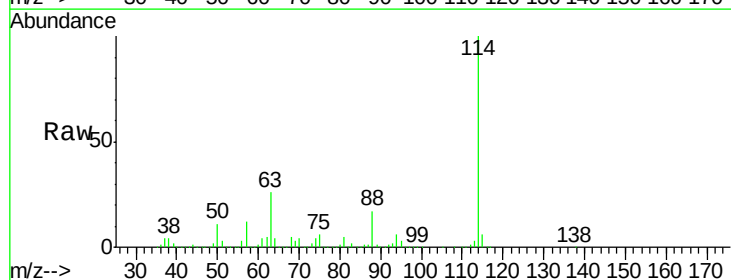
Tgt Ion: 114 Resp: 845169

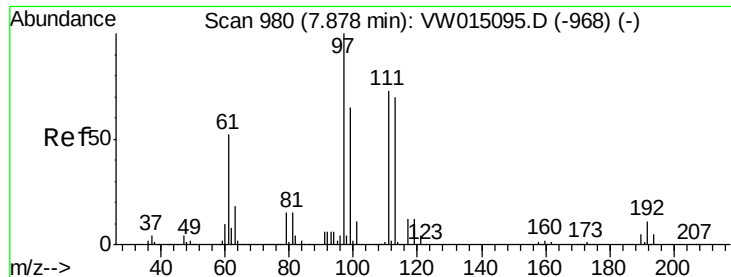
Ion Ratio Lower Upper

114 100

63 26.2 0.0 52.0

88 17.0 0.0 34.2





#35

Dibromofluoromethane

Concen: 52.66 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW015105.D

Acq: 09 Mar 2020 18:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

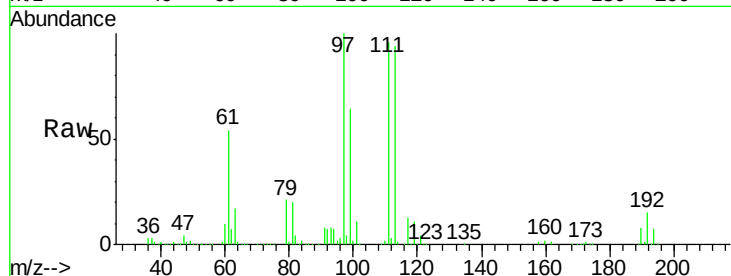
Tgt Ion:113 Resp: 266479

Ion Ratio Lower Upper

113 100

111 103.8 83.6 125.4

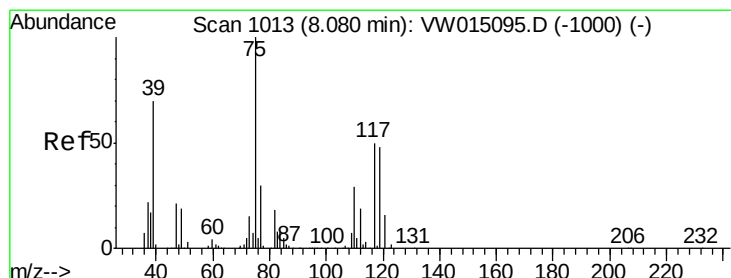
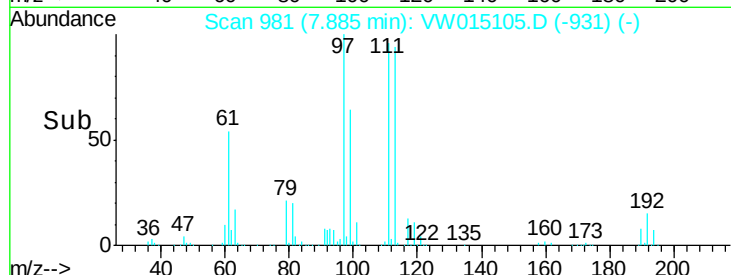
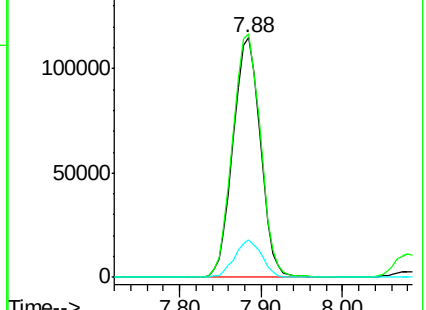
192 15.5 12.4 18.6



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: 50.27 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW015105.D

Acq: 09 Mar 2020 18:41

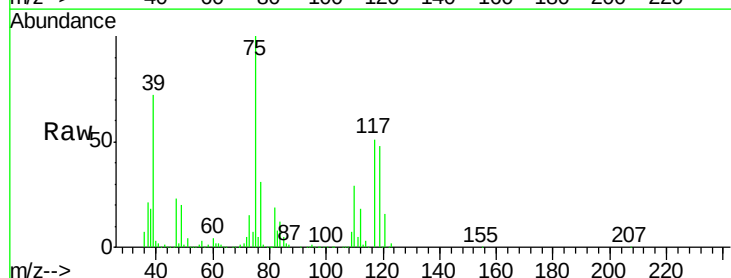
Tgt Ion: 75 Resp: 492692

Ion Ratio Lower Upper

75 100

110 28.8 14.7 44.1

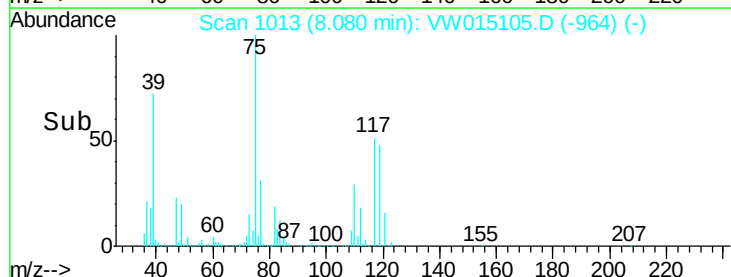
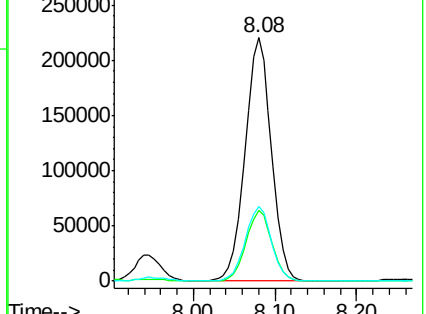
77 30.7 24.2 36.4

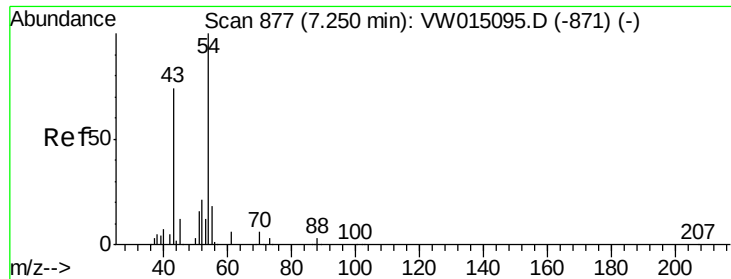


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

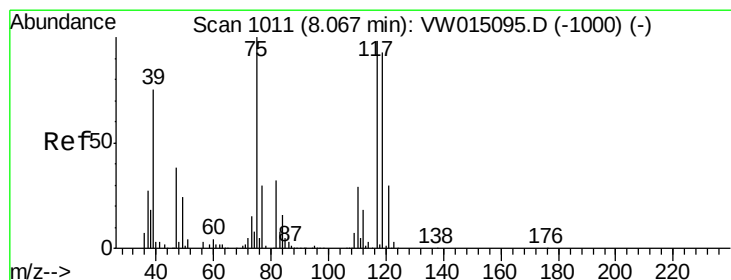
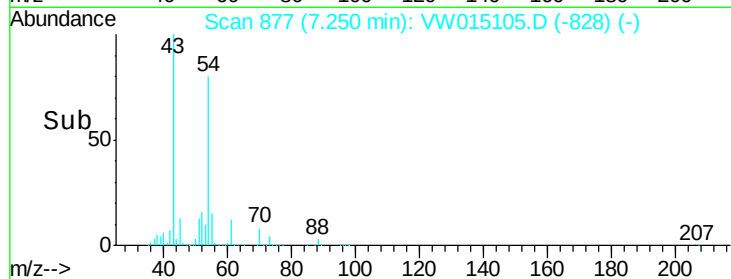
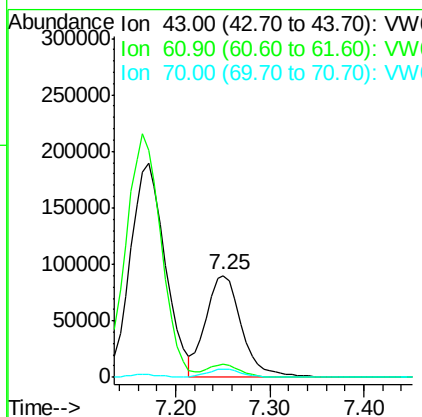
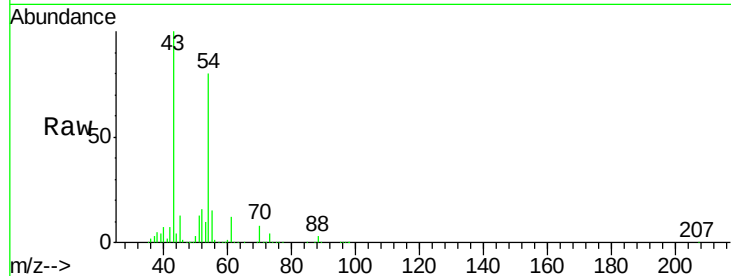




#37
Ethyl Acetate
Concen: 48.17 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW015105.D
Acq: 09 Mar 2020 18:41

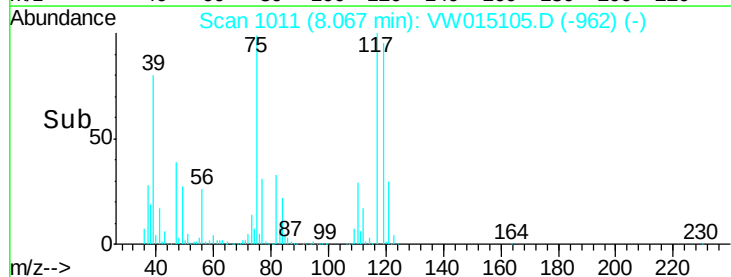
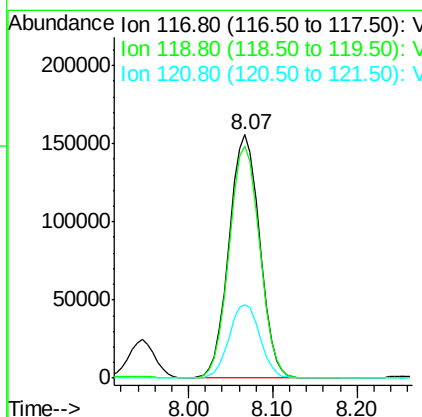
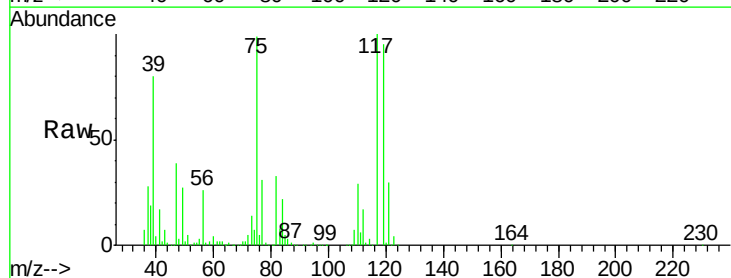
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

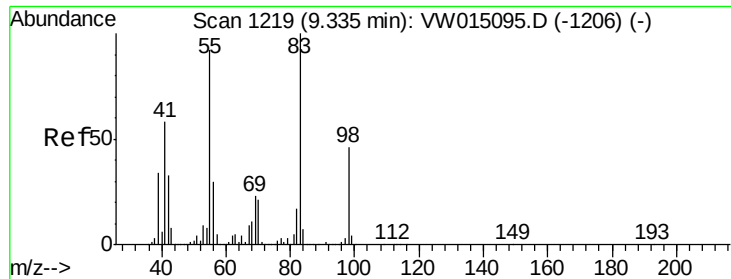
Tgt Ion: 43 Resp: 235293
Ion Ratio Lower Upper
43 100
61 11.0 9.6 14.4
70 8.0 6.5 9.7



#38
Carbon Tetrachloride
Concen: 48.17 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW015105.D
Acq: 09 Mar 2020 18:41

Tgt Ion: 117 Resp: 384305
Ion Ratio Lower Upper
117 100
119 95.2 75.8 113.8
121 30.4 24.5 36.7

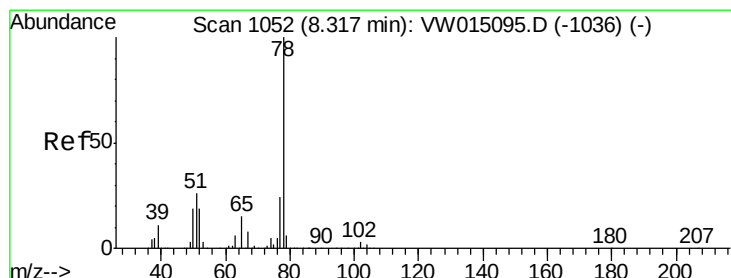
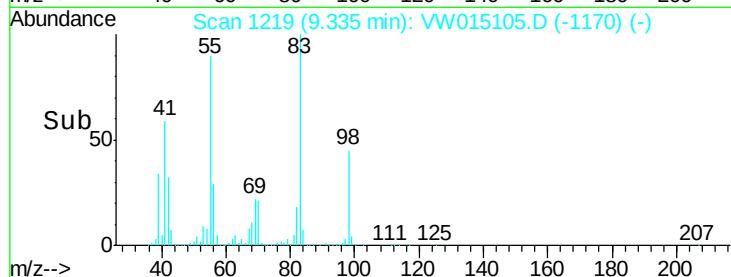
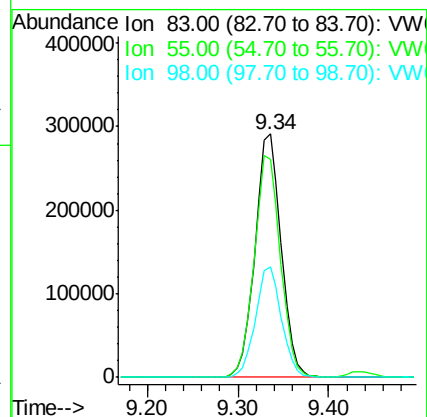
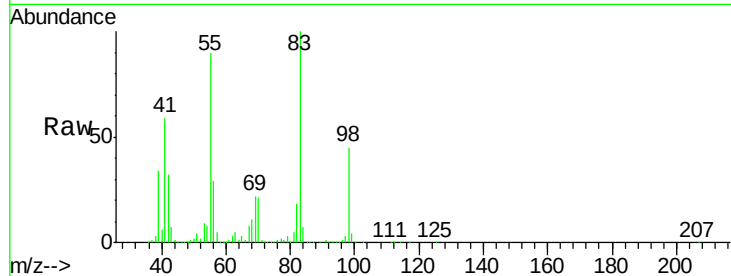




#39
Methylcyclohexane
Concen: 51.65 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015105.D
Acq: 09 Mar 2020 18:41

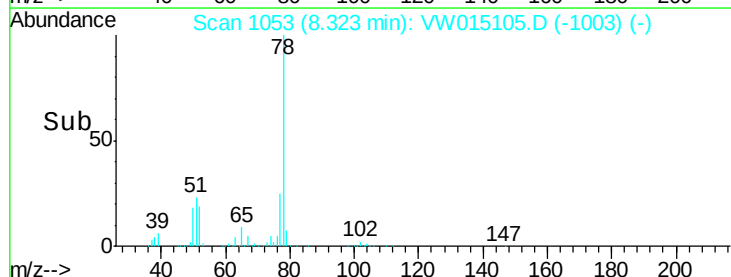
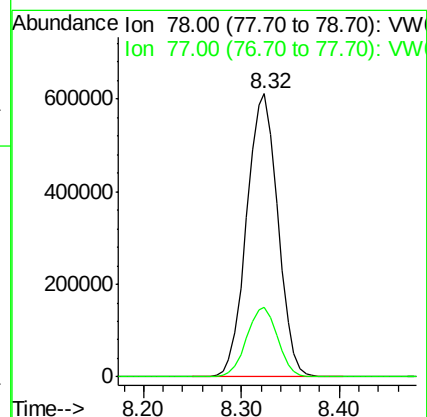
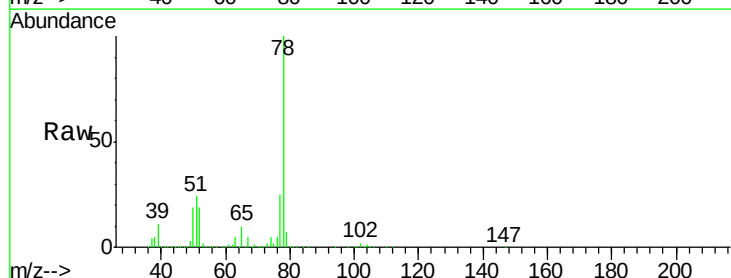
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

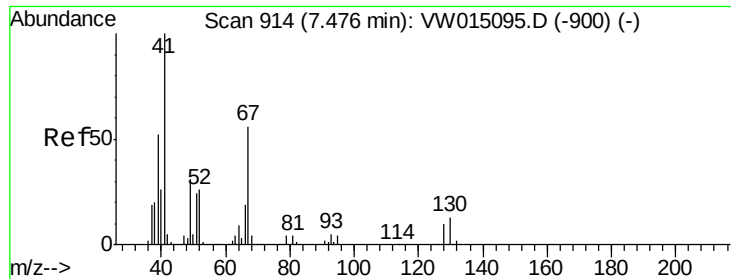
Tgt Ion: 83 Resp: 578852
Ion Ratio Lower Upper
83 100
55 89.7 73.5 110.3
98 45.4 37.2 55.8



#40
Benzene
Concen: 49.80 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VW015105.D
Acq: 09 Mar 2020 18:41

Tgt Ion: 78 Resp: 1356536
Ion Ratio Lower Upper
78 100
77 24.7 19.5 29.3

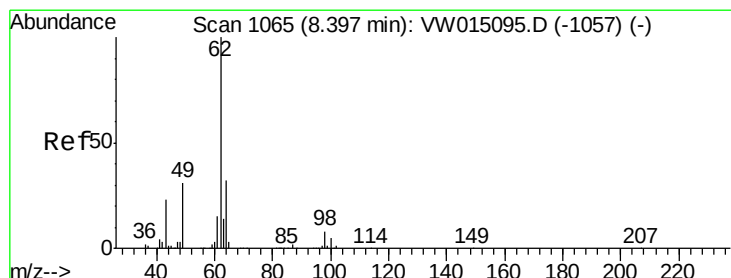
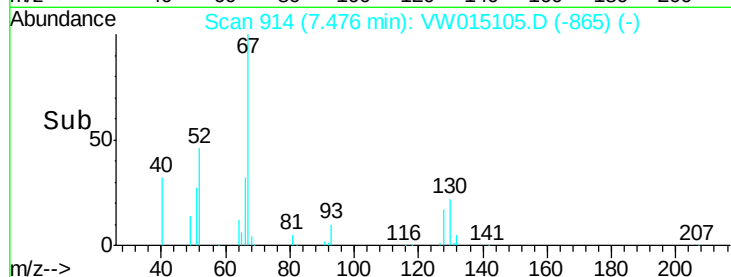
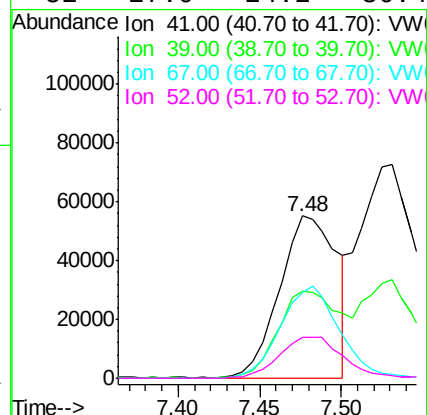
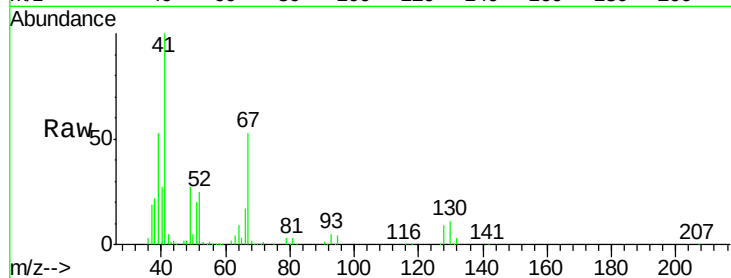




#41
Methacrylonitrile
Concen: 51.64 ug/l
RT: 7.48 min Scan# 914
Delta R.T. 0.00 min
Lab File: VW015105.D
Acq: 09 Mar 2020 18:41

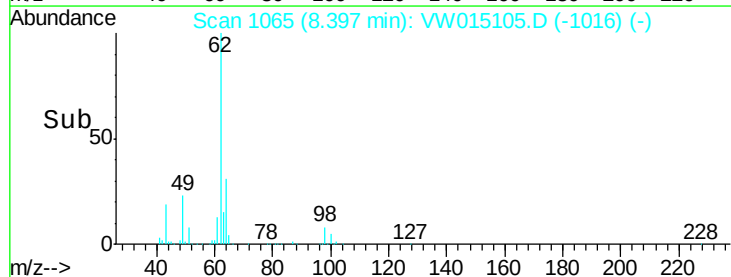
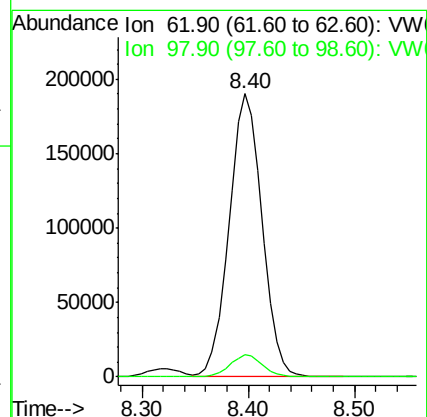
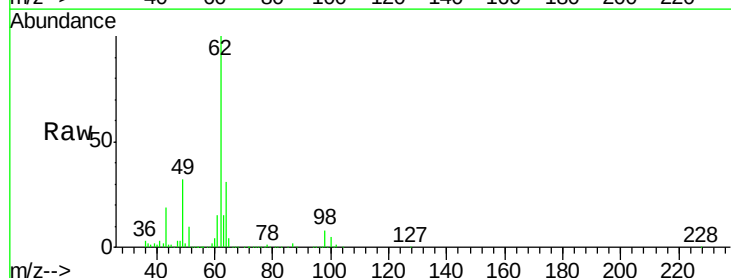
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

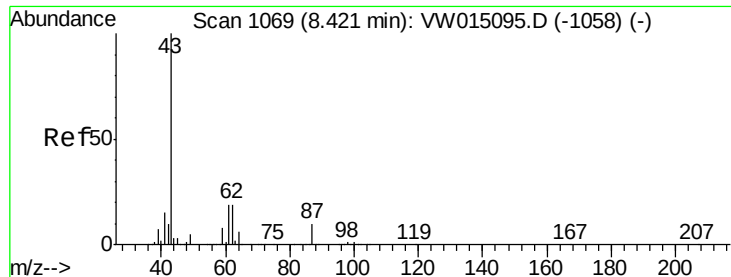
Tgt Ion:	41	Resp:	133414
Ion	Ratio	Lower	Upper
41	100		
39	60.4	49.0	73.4
67	59.6	50.4	75.6
52	27.9	24.2	36.4



#42
1,2-Dichloroethane
Concen: 49.49 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW015105.D
Acq: 09 Mar 2020 18:41

Tgt Ion:	62	Resp:	410692
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	16.0





#43

Isopropyl Acetate

Concen: 49.38 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW015105.D

Acq: 09 Mar 2020 18:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

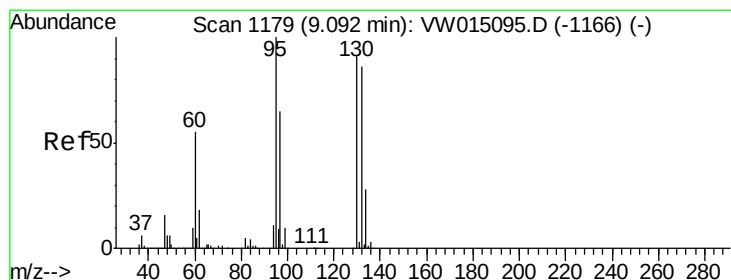
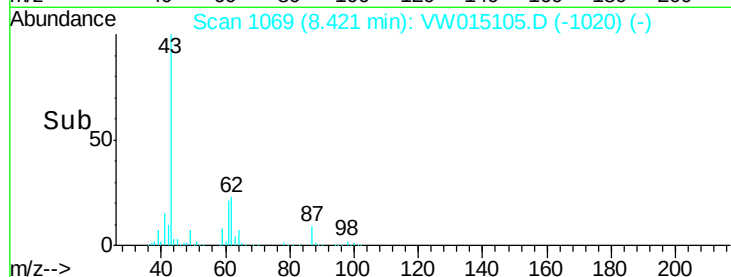
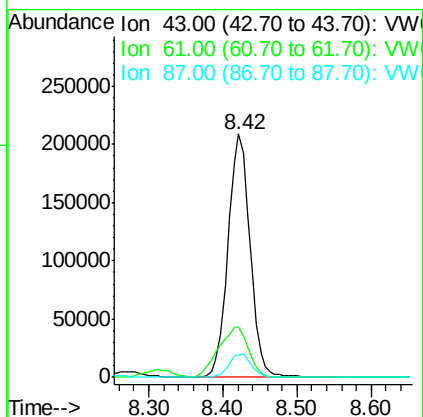
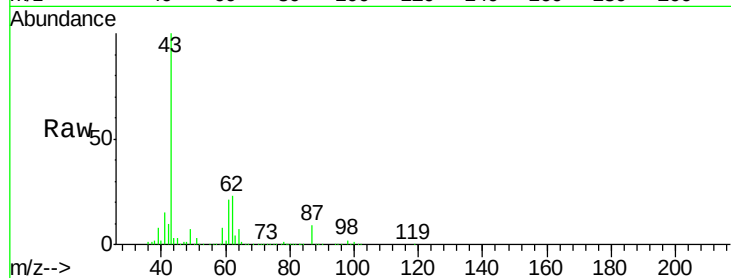
Tgt Ion: 43 Resp: 432454

Ion Ratio Lower Upper

43 100

61 28.0 21.8 32.8

87 9.8 8.0 12.0



#44

Trichloroethene

Concen: 48.59 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW015105.D

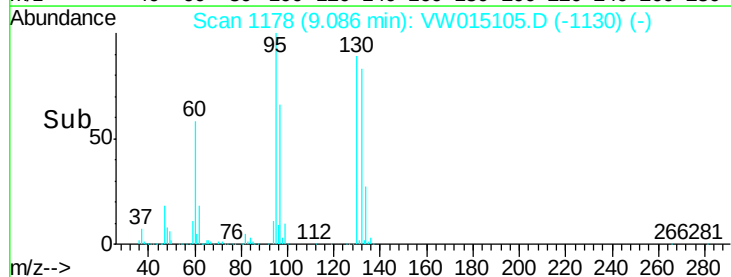
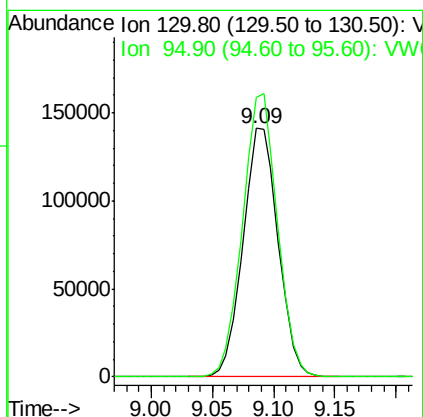
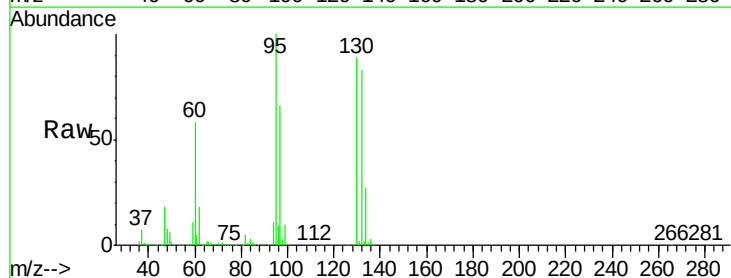
Acq: 09 Mar 2020 18:41

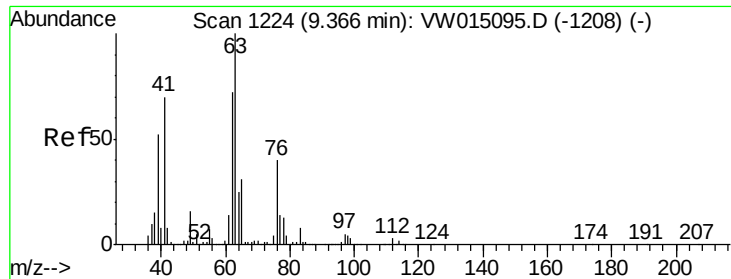
Tgt Ion: 130 Resp: 281718

Ion Ratio Lower Upper

130 100

95 112.3 0.0 219.8

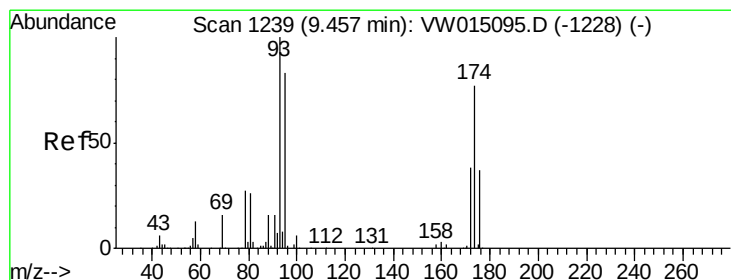
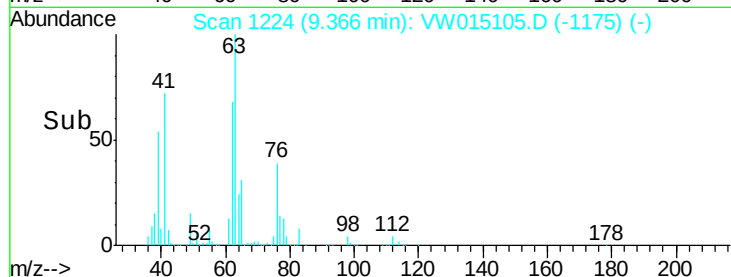
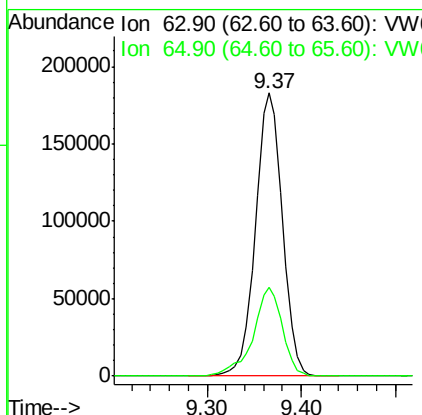
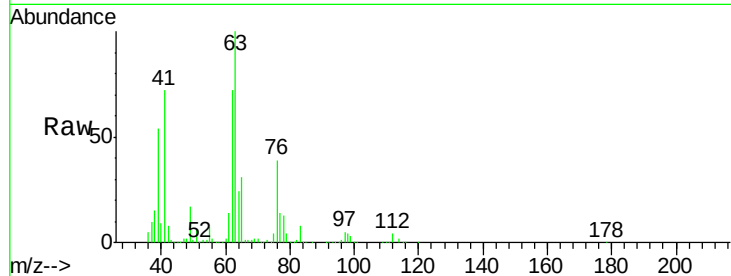




#45
 1,2-Dichloropropane
 Concen: 50.22 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW015105.D
 Acq: 09 Mar 2020 18:41

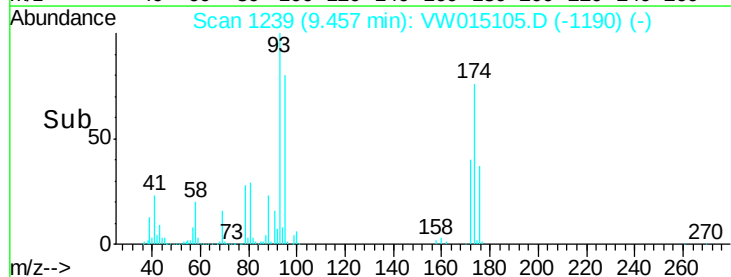
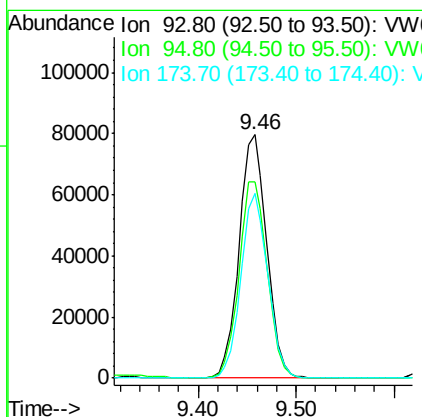
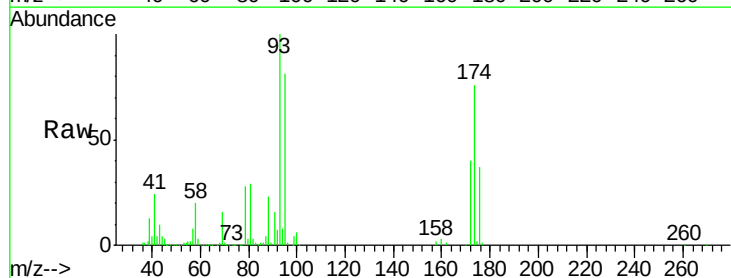
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

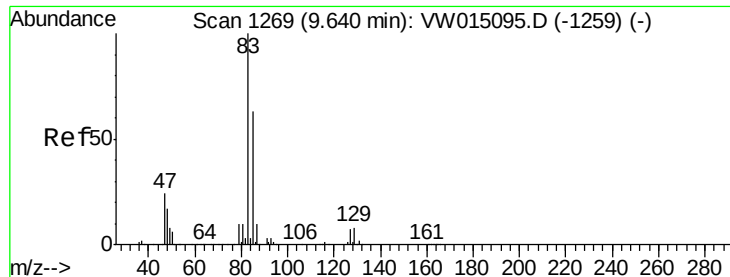
Tgt Ion: 63 Resp: 368413
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.6 36.8



#46
 Dibromomethane
 Concen: 48.94 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW015105.D
 Acq: 09 Mar 2020 18:41

Tgt Ion: 93 Resp: 156098
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.6 100.0
 174 74.2 60.6 91.0

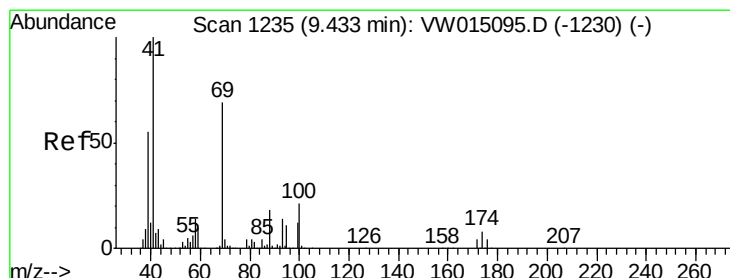
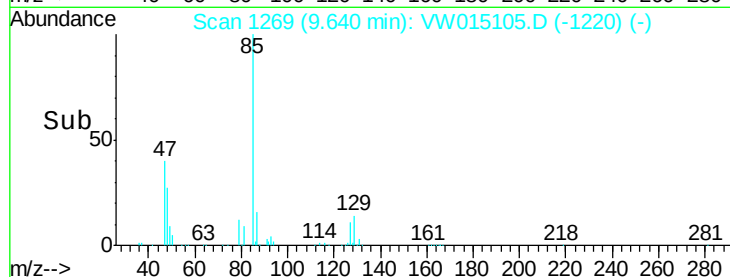
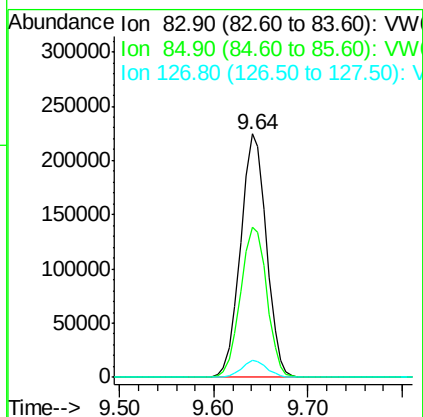
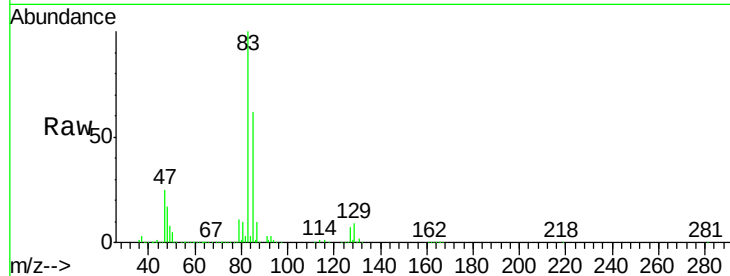




#47
 Bromodichloromethane
 Concen: 50.11 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VW015105.D
 Acq: 09 Mar 2020 18:41

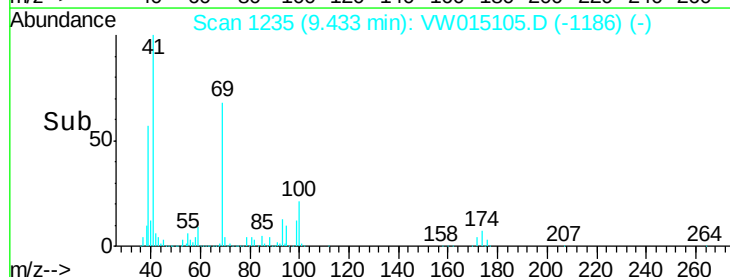
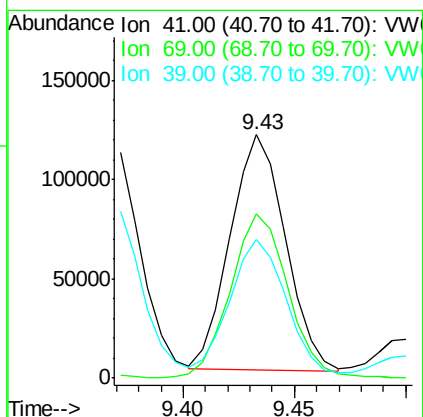
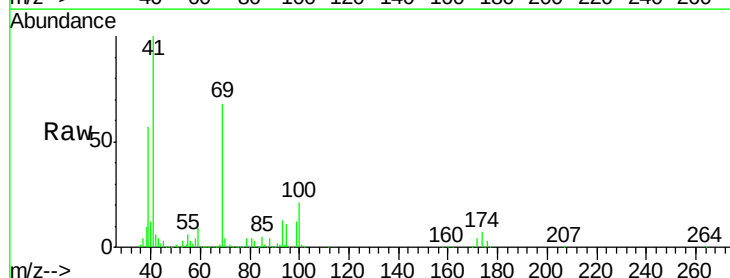
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

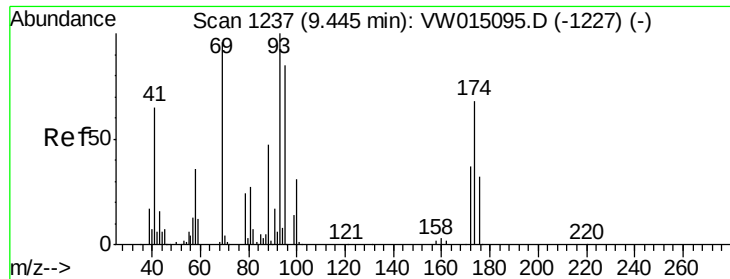
Tgt Ion: 83 Resp: 426744
 Ion Ratio Lower Upper
 83 100
 85 61.8 50.7 76.1
 127 6.8 5.5 8.3



#48
 Methyl methacrylate
 Concen: 45.71 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VW015105.D
 Acq: 09 Mar 2020 18:41

Tgt Ion: 41 Resp: 204282
 Ion Ratio Lower Upper
 41 100
 69 73.0 58.7 88.1
 39 56.6 45.1 67.7

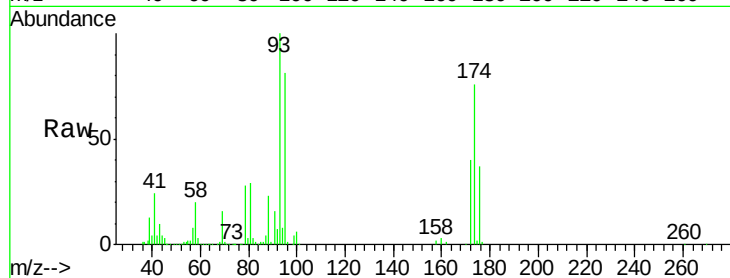




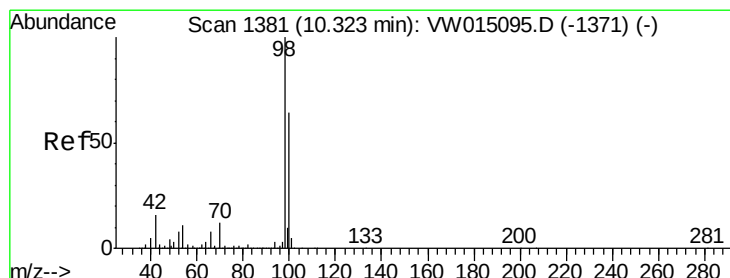
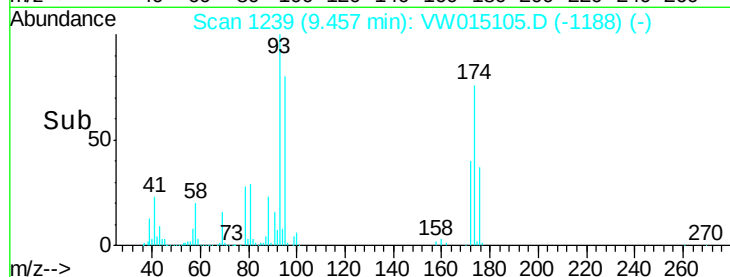
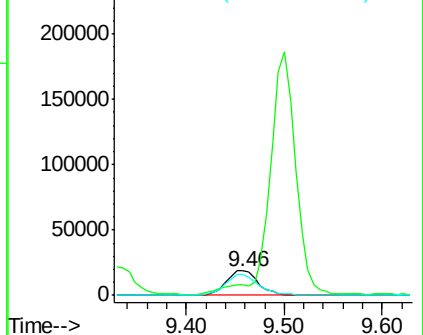
#49
1,4-Dioxane
Concen: 883.60 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.01 min
Lab File: VW015105.D
Acq: 09 Mar 2020 18:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 43149
Ion Ratio Lower Upper
88 100
43 0.0 35.8 53.8#
58 90.2 64.0 96.0

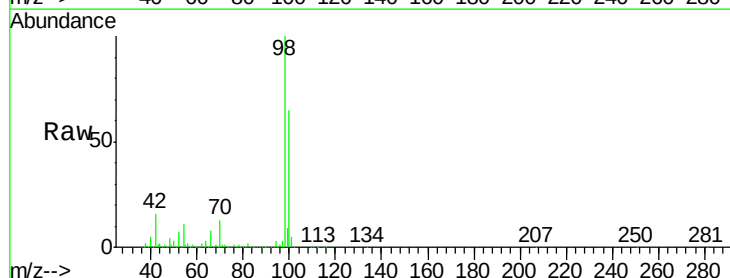


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

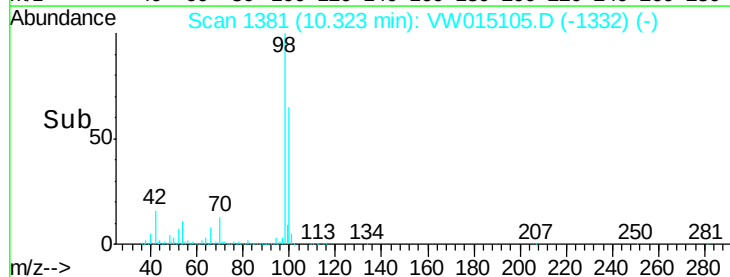
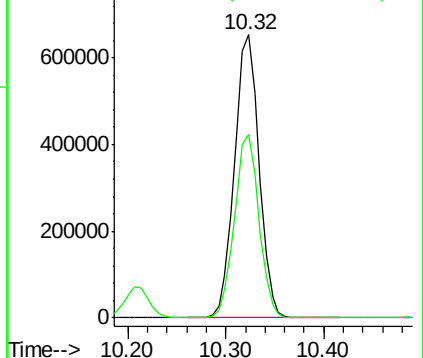


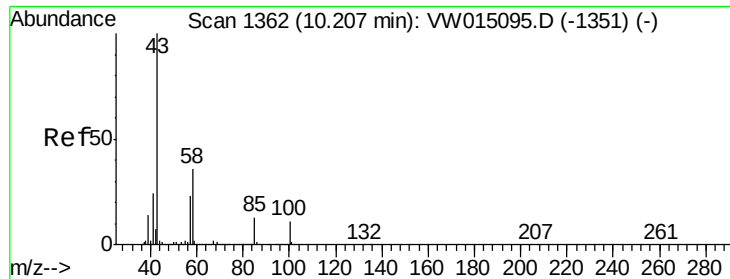
#50
Toluene-d8
Concen: 53.84 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015105.D
Acq: 09 Mar 2020 18:41

Tgt Ion: 98 Resp: 1140871
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

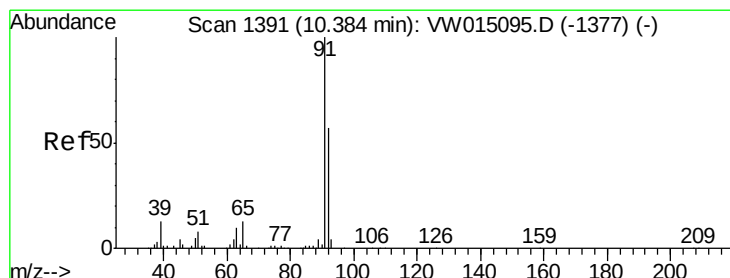
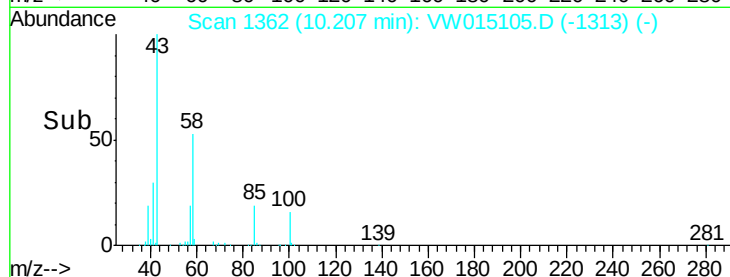
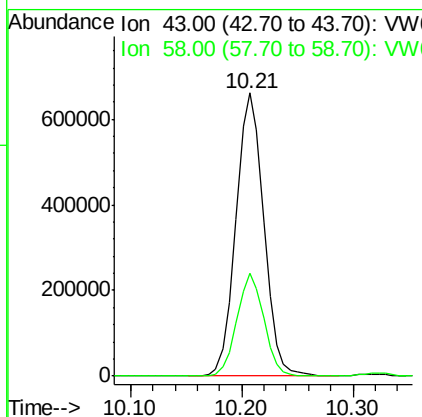
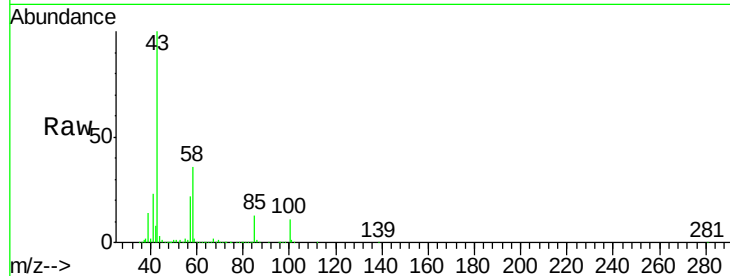




#51
 4-Methyl-2-Pentanone
 Concen: 236.24 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW015105.D
 Acq: 09 Mar 2020 18:41

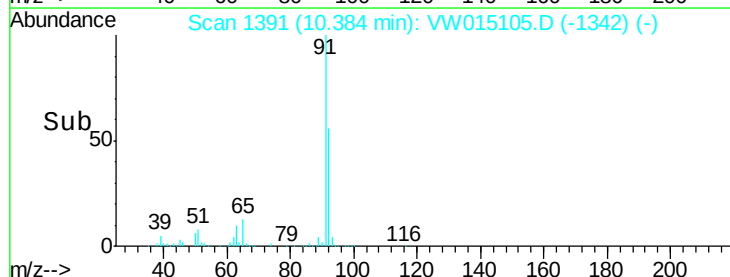
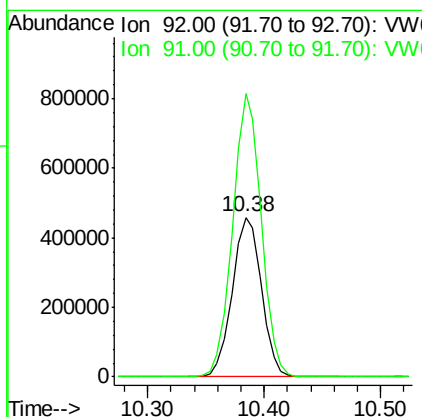
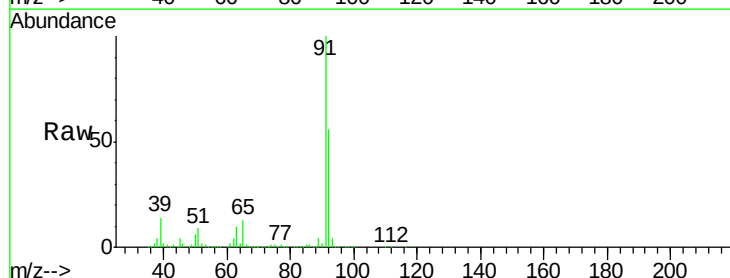
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

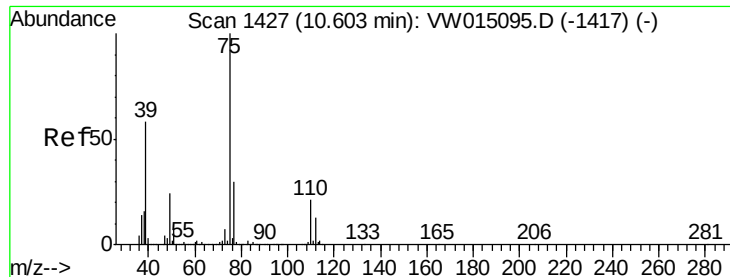
Tgt Ion: 43 Resp: 1142729
 Ion Ratio Lower Upper
 43 100
 58 35.2 28.0 42.0



#52
 Toluene
 Concen: 51.06 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW015105.D
 Acq: 09 Mar 2020 18:41

Tgt Ion: 92 Resp: 798969
 Ion Ratio Lower Upper
 92 100
 91 173.9 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 50.80 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW015105.D

Acq: 09 Mar 2020 18:41

Instrument :

MSVOA_W

ClientSampleId :

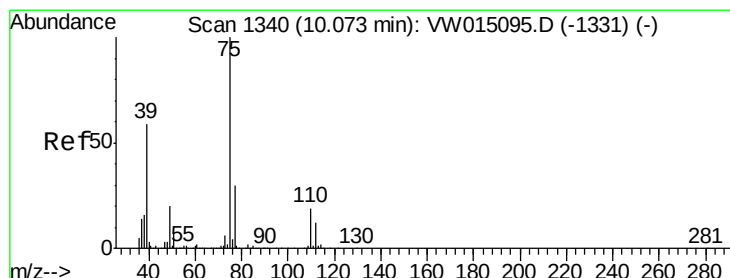
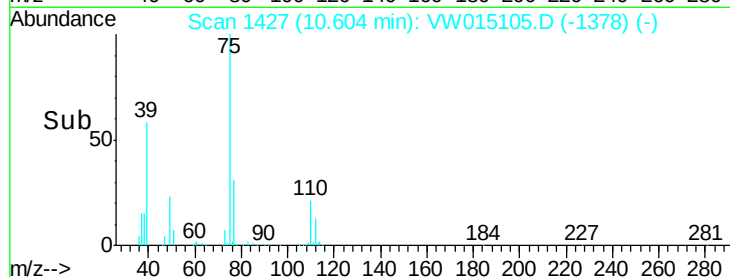
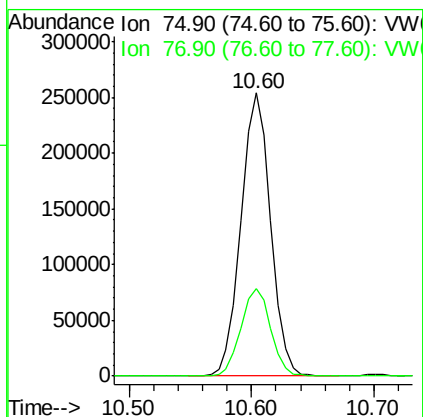
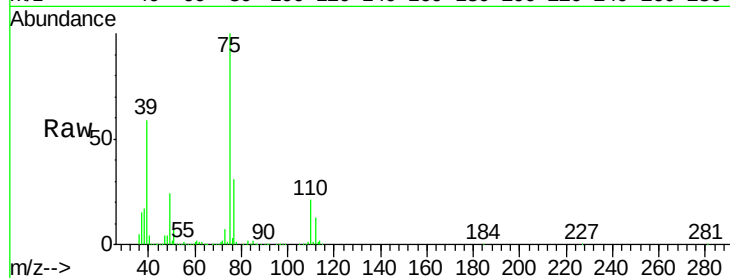
VSTDCCC050EC

Tgt Ion: 75 Resp: 425610

Ion Ratio Lower Upper

75 100

77 31.1 24.4 36.6



#54

cis-1,3-Dichloropropene

Concen: 51.18 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.01 min

Lab File: VW015105.D

Acq: 09 Mar 2020 18:41

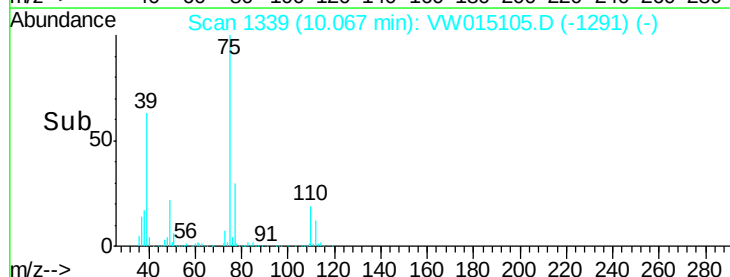
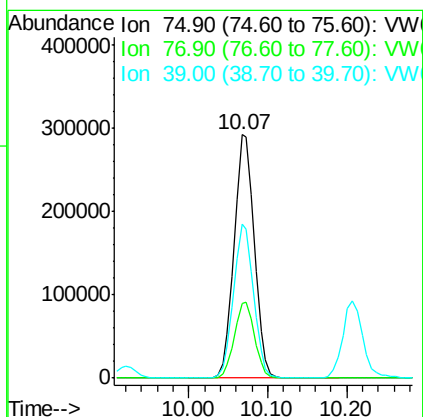
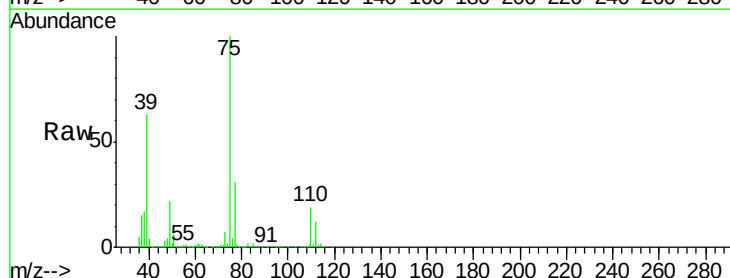
Tgt Ion: 75 Resp: 522335

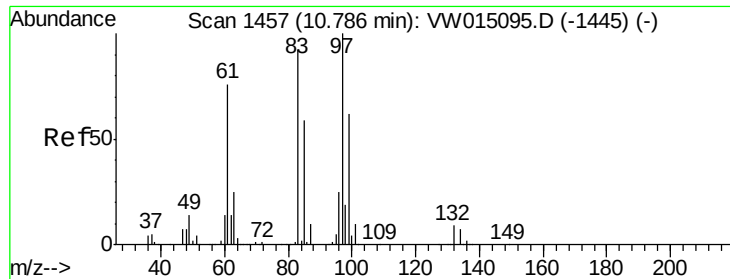
Ion Ratio Lower Upper

75 100

77 30.5 24.3 36.5

39 63.0 47.0 70.6

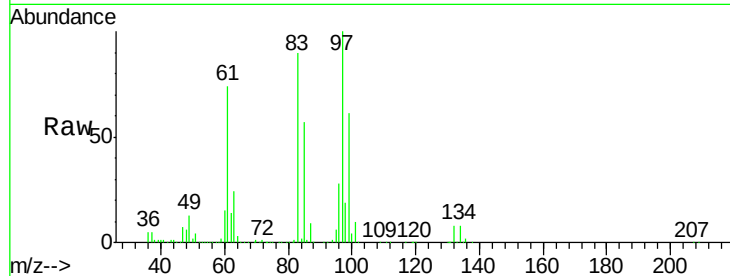




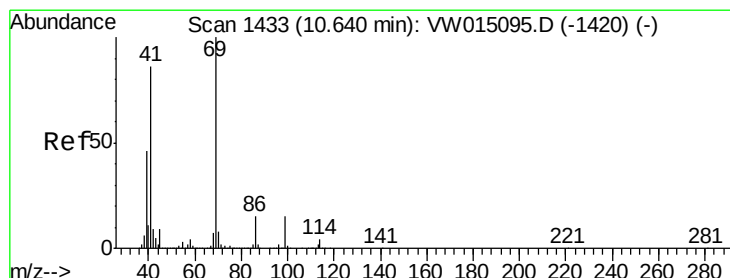
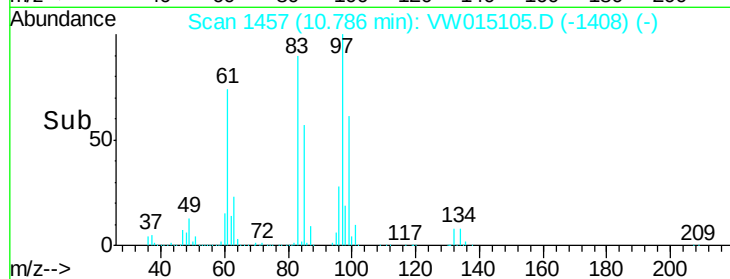
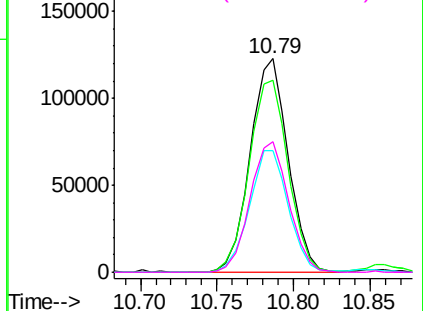
#55
 1,1,2-Trichloroethane
 Concen: 48.61 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015105.D
 Acq: 09 Mar 2020 18:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 97 Resp: 212440
 Ion Ratio Lower Upper
 97 100
 83 90.0 74.0 111.0
 85 56.8 46.9 70.3
 99 60.9 49.8 74.8

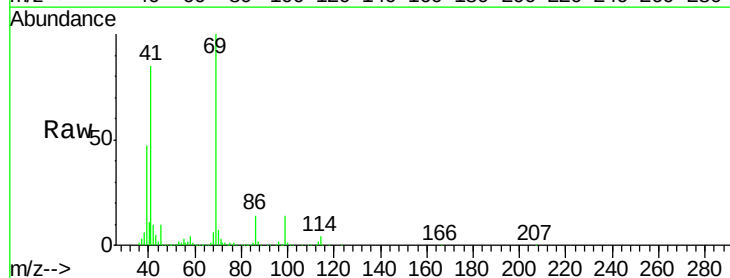


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

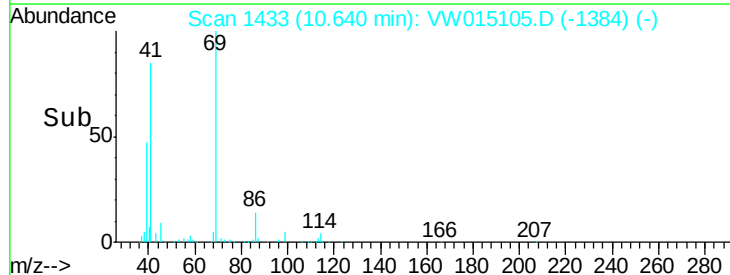
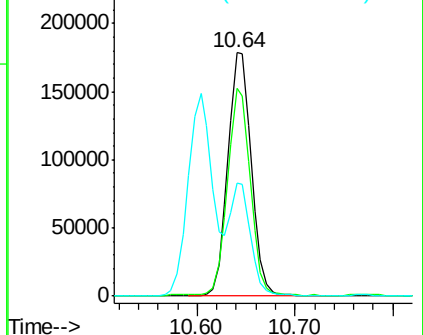


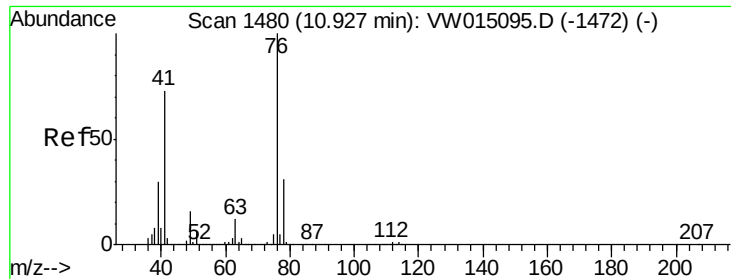
#56
 Ethyl methacrylate
 Concen: 47.34 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: VW015105.D
 Acq: 09 Mar 2020 18:41

Tgt Ion: 69 Resp: 297651
 Ion Ratio Lower Upper
 69 100
 41 82.1 65.8 98.6
 39 39.6 31.2 46.8



Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW

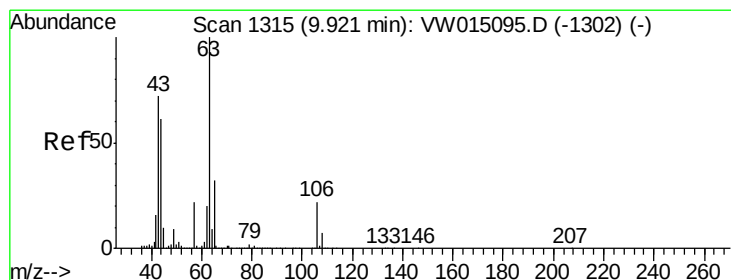
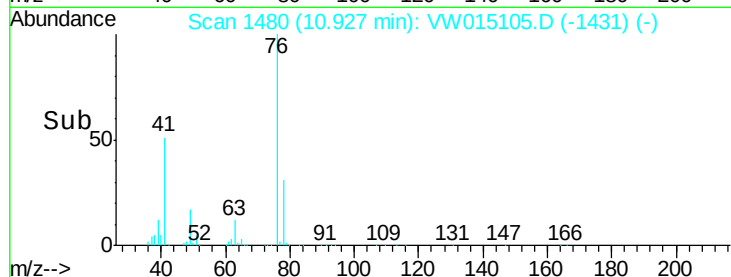
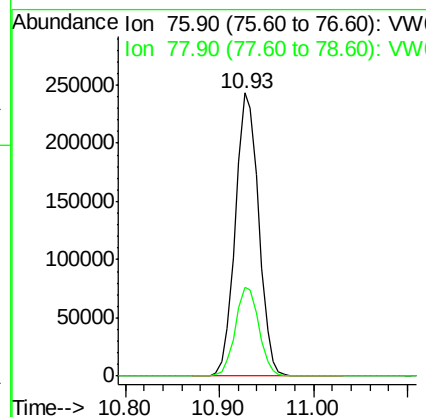
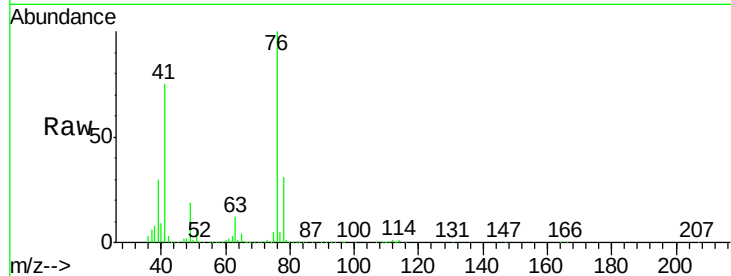




#57
 1,3-Dichloropropane
 Concen: 50.13 ug/l
 RT: 10.93 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VW015105.D
 Acq: 09 Mar 2020 18:41

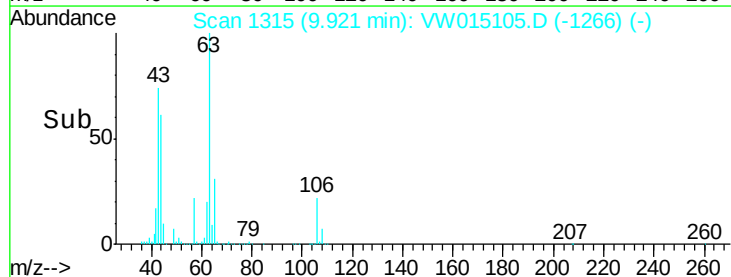
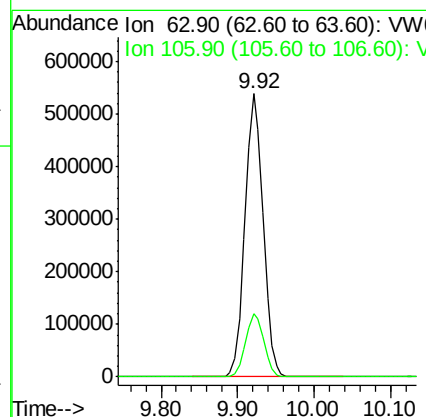
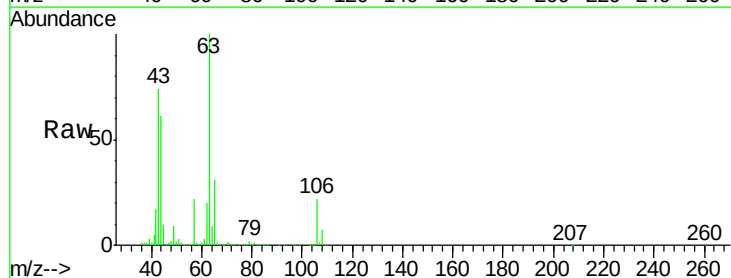
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

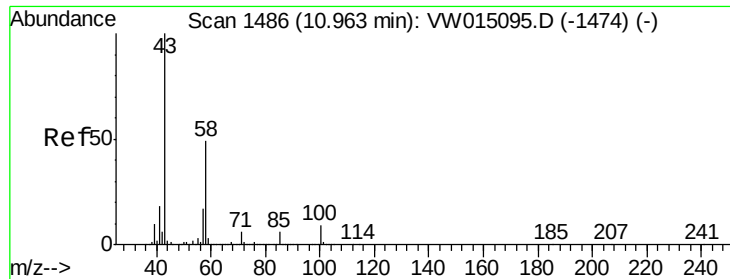
Tgt Ion: 76 Resp: 417154
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 267.39 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW015105.D
 Acq: 09 Mar 2020 18:41

Tgt Ion: 63 Resp: 884762
 Ion Ratio Lower Upper
 63 100
 106 22.5 18.0 27.0

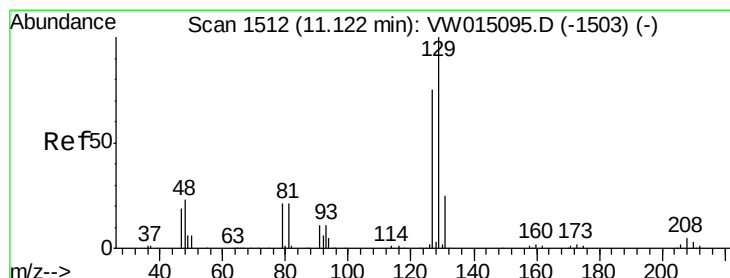
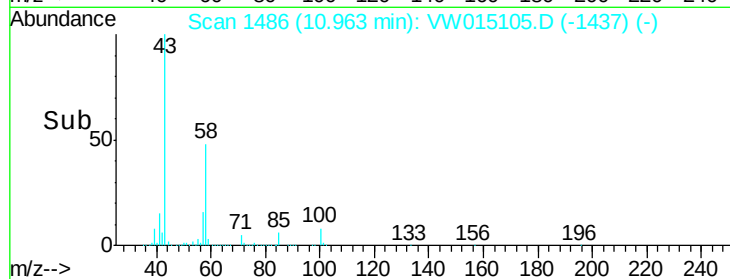
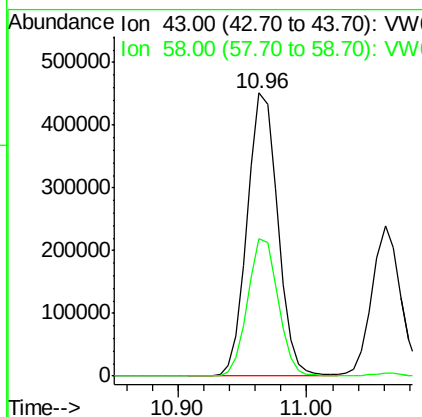
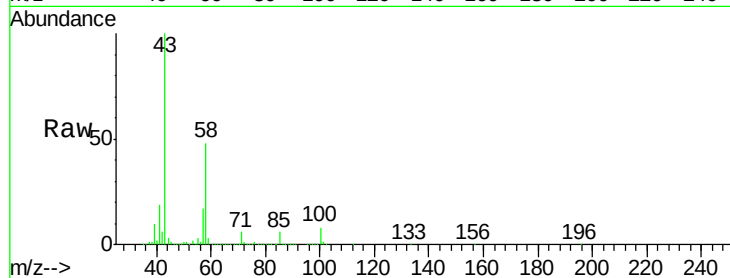




#59
2-Hexanone
Concen: 222.75 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VW015105.D
Acq: 09 Mar 2020 18:41

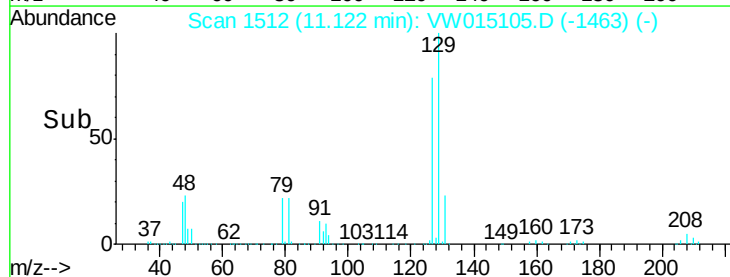
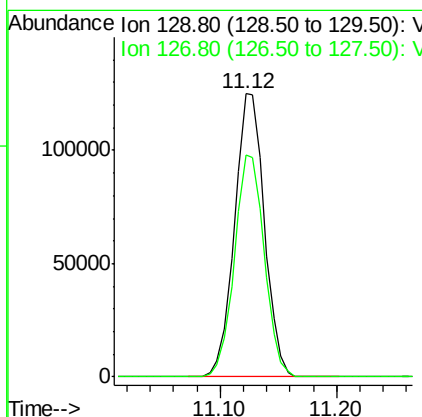
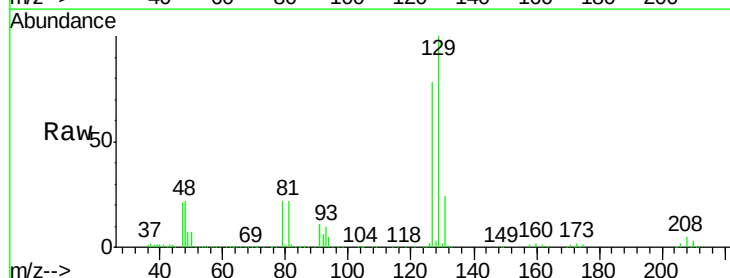
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

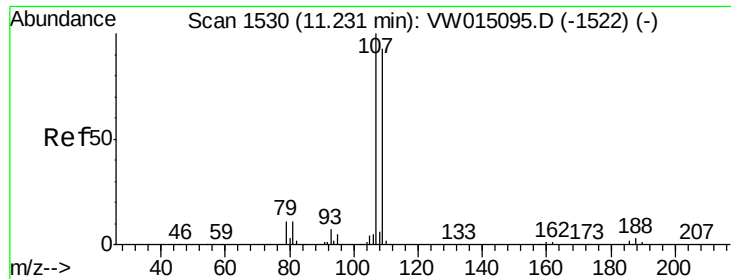
Tgt Ion: 43 Resp: 739896
Ion Ratio Lower Upper
43 100
58 48.6 24.6 73.8



#60
Dibromochloromethane
Concen: 49.49 ug/l
RT: 11.12 min Scan# 1512
Delta R.T. 0.00 min
Lab File: VW015105.D
Acq: 09 Mar 2020 18:41

Tgt Ion: 129 Resp: 223386
Ion Ratio Lower Upper
129 100
127 78.4 38.7 116.1

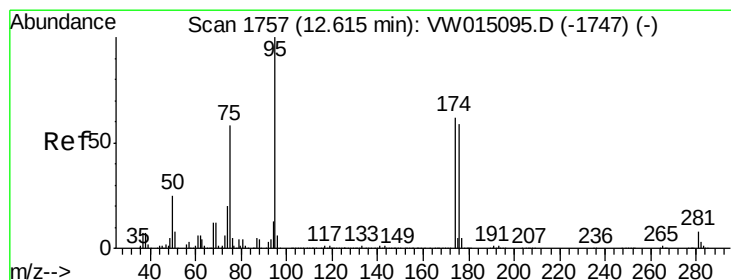
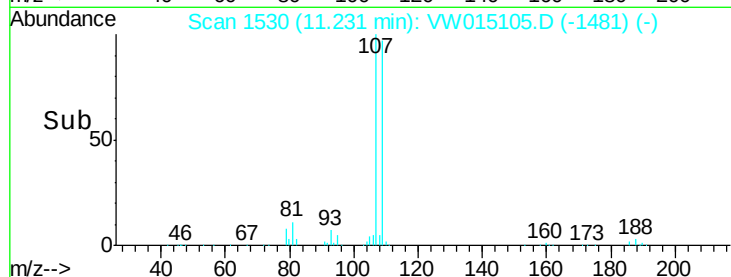
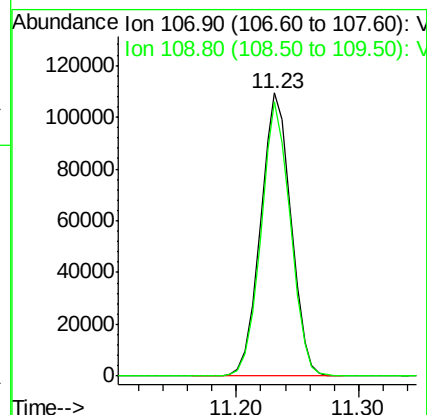
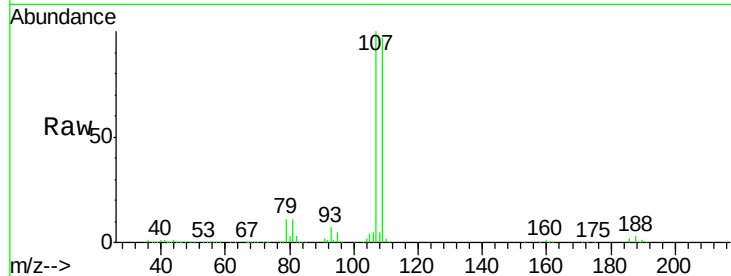




#61
 1,2-Dibromoethane
 Concen: 48.88 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW015105.D
 Acq: 09 Mar 2020 18:41

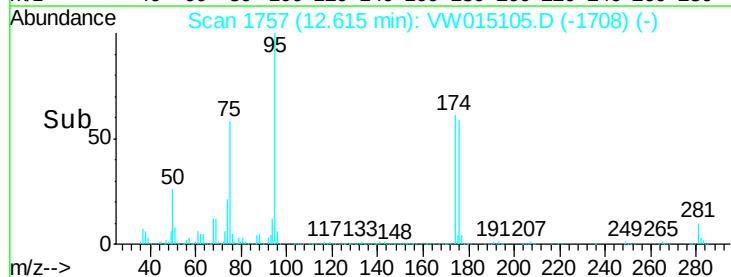
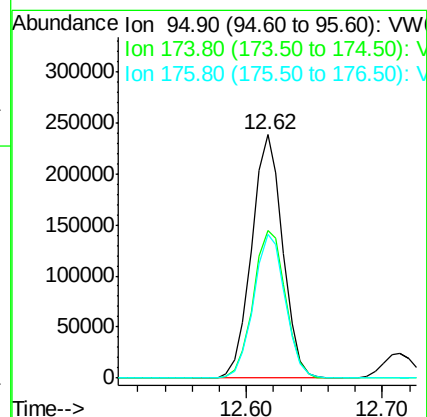
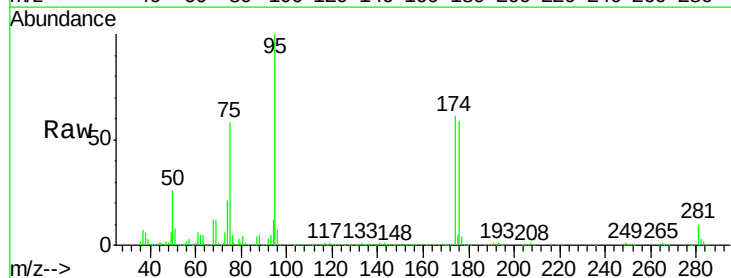
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

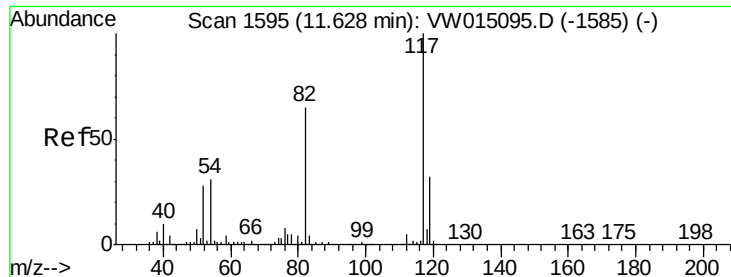
Tgt Ion: 107 Resp: 189385
 Ion Ratio Lower Upper
 107 100
 109 93.4 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 54.11 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW015105.D
 Acq: 09 Mar 2020 18:41

Tgt Ion: 95 Resp: 380833
 Ion Ratio Lower Upper
 95 100
 174 63.1 0.0 126.8
 176 60.1 0.0 121.6

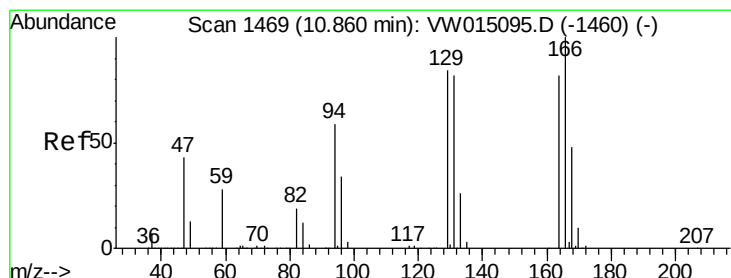
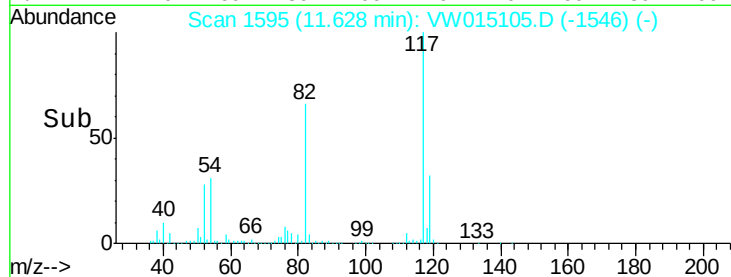
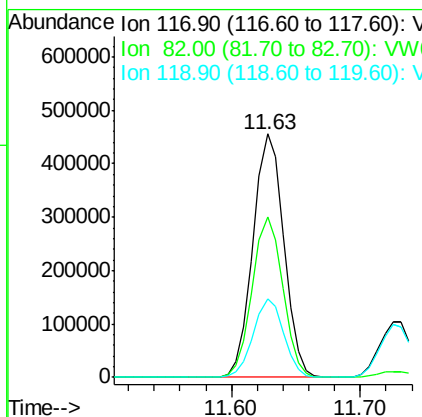
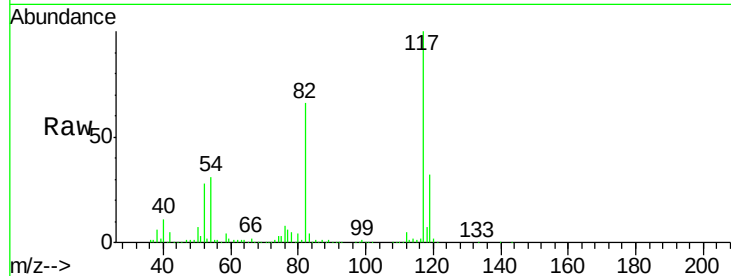




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW015105.D
Acq: 09 Mar 2020 18:41

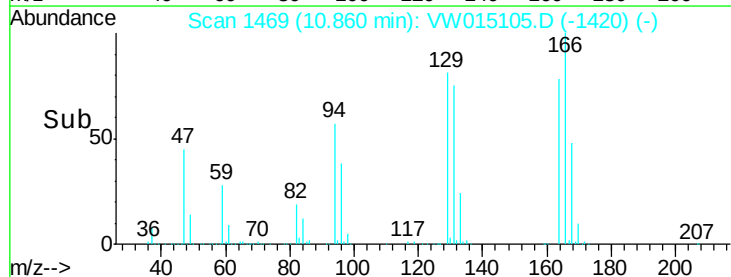
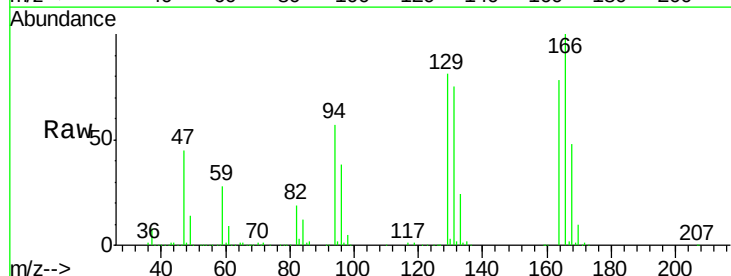
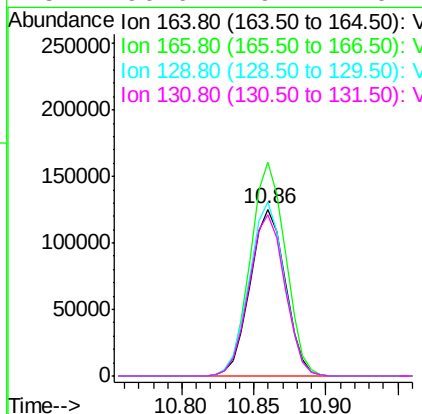
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

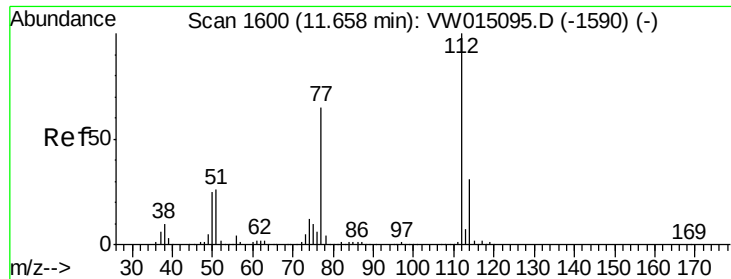
Tgt Ion:117 Resp: 752347
Ion Ratio Lower Upper
117 100
82 66.1 52.2 78.2
119 32.2 25.4 38.0



#64
Tetrachloroethene
Concen: 48.71 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW015105.D
Acq: 09 Mar 2020 18:41

Tgt Ion:164 Resp: 211483
Ion Ratio Lower Upper
164 100
166 128.0 97.0 145.6
129 104.1 81.2 121.8
131 96.6 79.4 119.2

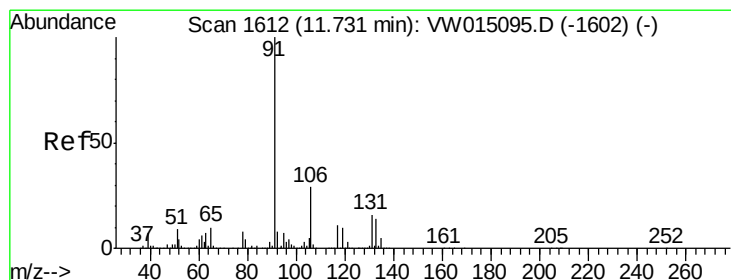
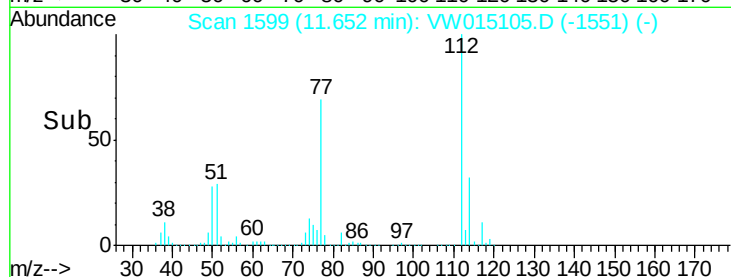
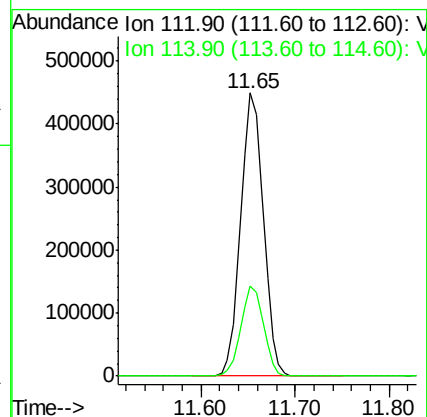
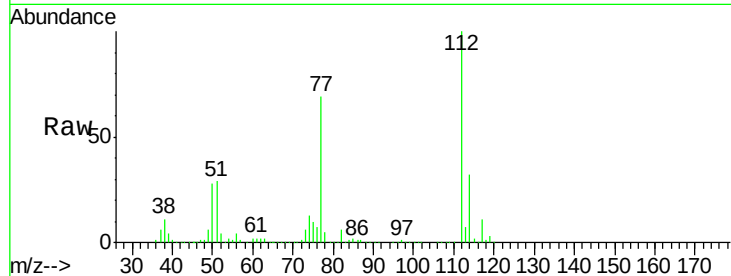




#65
Chlorobenzene
Concen: 50.07 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW015105.D
Acq: 09 Mar 2020 18:41

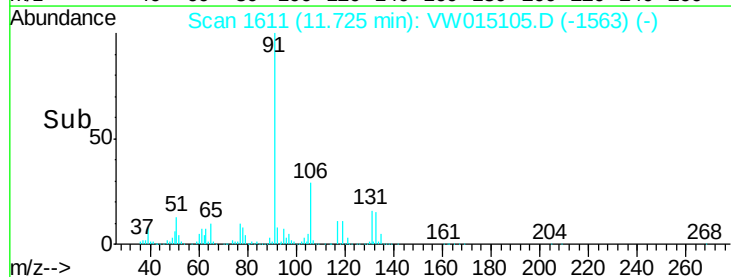
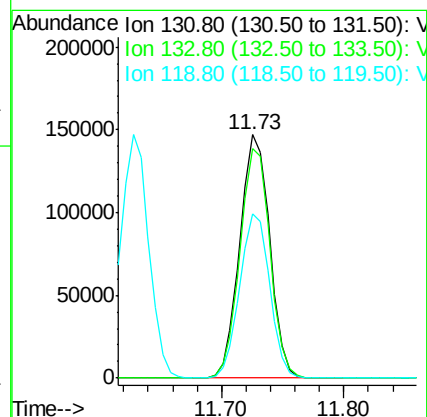
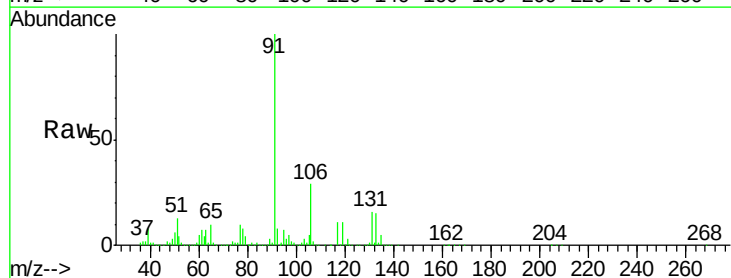
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

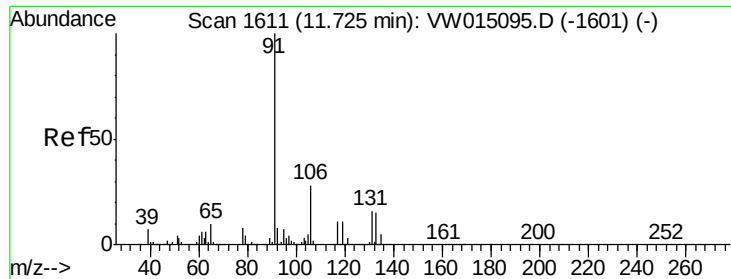
Tgt Ion:112 Resp: 756115
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.45 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW015105.D
Acq: 09 Mar 2020 18:41

Tgt Ion:131 Resp: 248673
Ion Ratio Lower Upper
131 100
133 95.0 47.3 141.8
119 67.8 34.0 101.8





#67

Ethyl Benzene

Concen: 52.17 ug/l

RT: 11.73 min Scan# 1611

Delta R.T. 0.00 min

Lab File: VW015105.D

Acq: 09 Mar 2020 18:41

Instrument :

MSVOA_W

ClientSampleId :

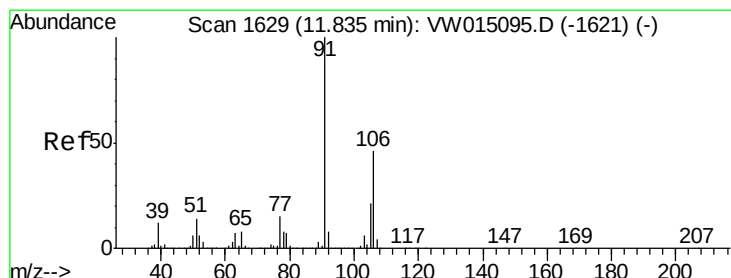
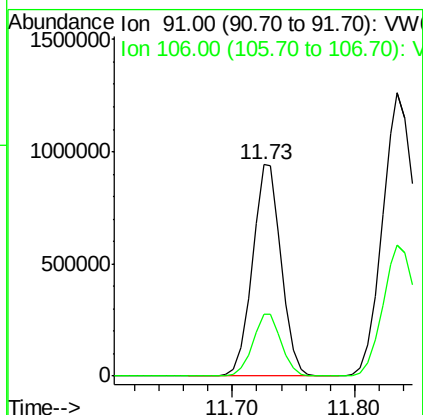
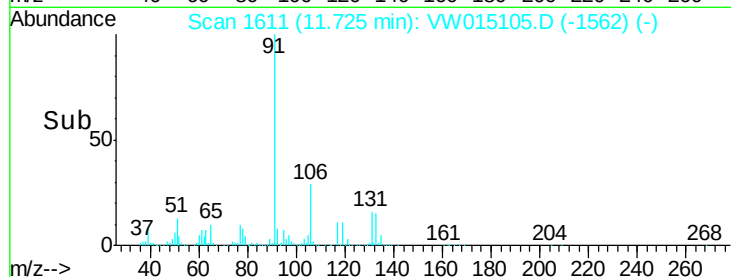
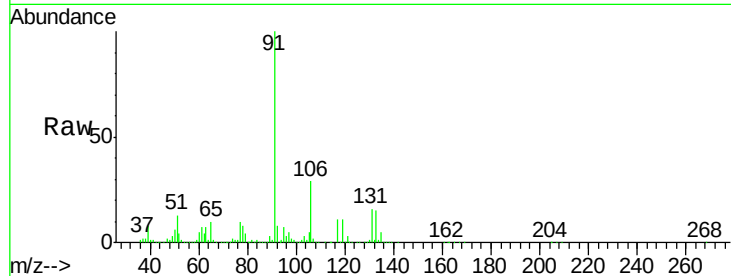
VSTDCCC050EC

Tgt Ion: 91 Resp: 1532909

Ion Ratio Lower Upper

91 100

106 29.4 22.8 34.2



#68

m/p-Xylenes

Concen: 104.66 ug/l

RT: 11.84 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VW015105.D

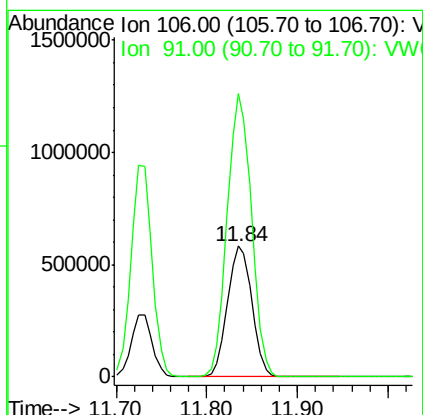
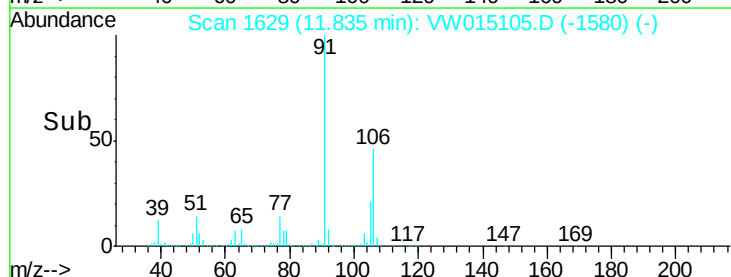
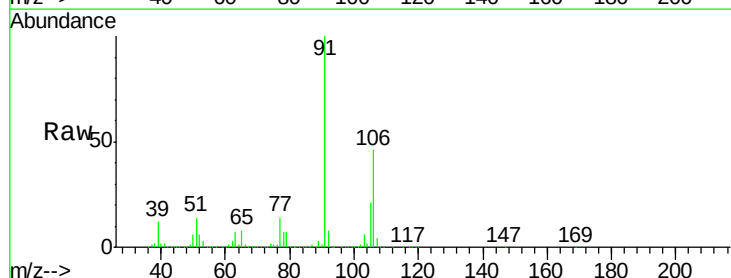
Acq: 09 Mar 2020 18:41

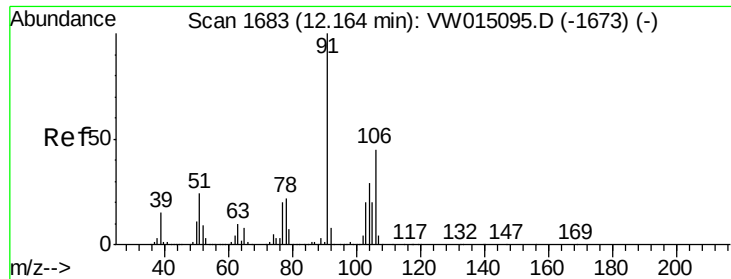
Tgt Ion: 106 Resp: 1087284

Ion Ratio Lower Upper

106 100

91 215.6 172.3 258.5

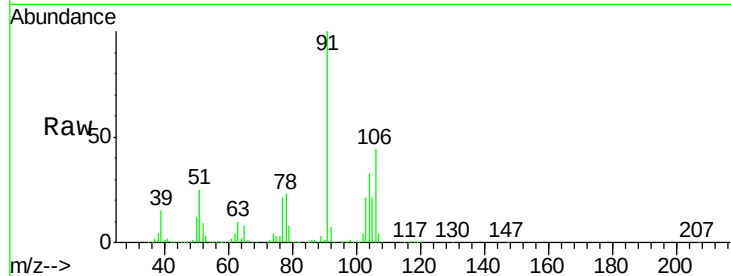




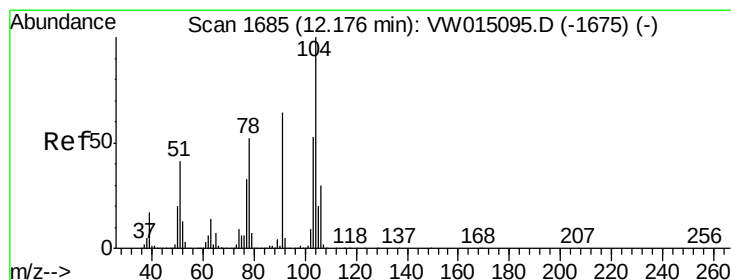
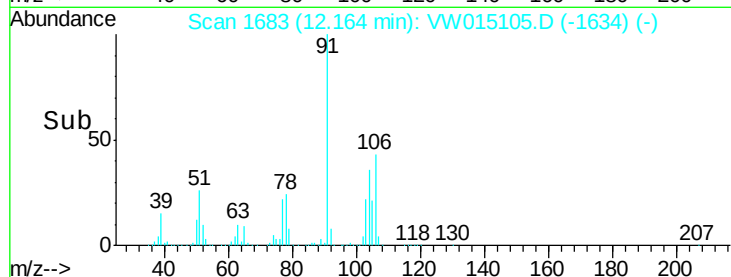
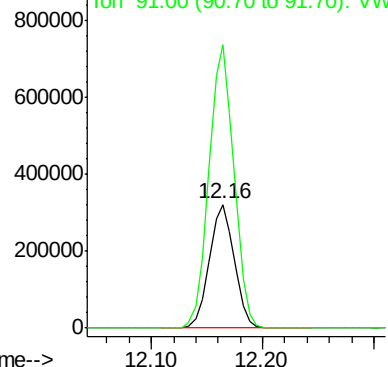
#69
o-Xylene
Concen: 53.09 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015105.D
Acq: 09 Mar 2020 18:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 496828
Ion Ratio Lower Upper
106 100
91 229.4 112.6 337.8

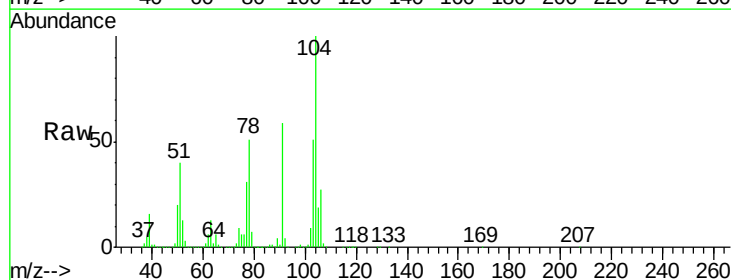


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

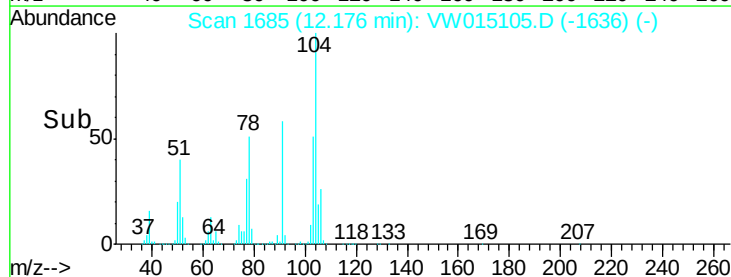
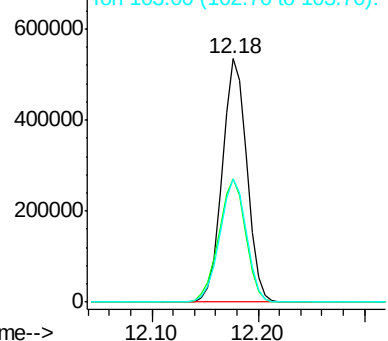


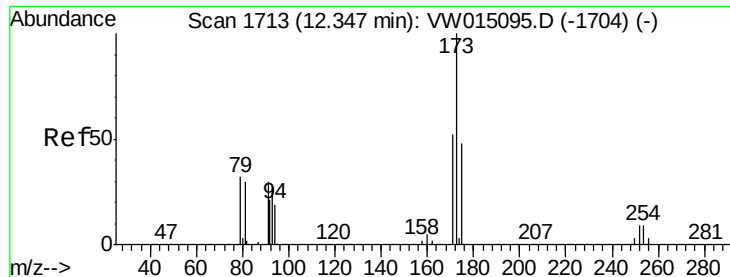
#70
Styrene
Concen: 54.24 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VW015105.D
Acq: 09 Mar 2020 18:41

Tgt Ion:104 Resp: 869719
Ion Ratio Lower Upper
104 100
78 55.7 44.7 67.1
103 54.7 44.7 67.1



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 48.18 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW015105.D

Acq: 09 Mar 2020 18:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

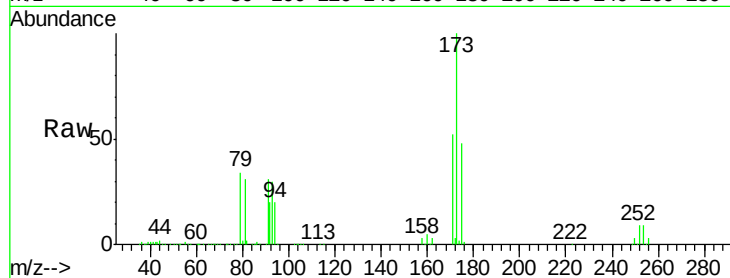
Tgt Ion:173 Resp: 107524

Ion Ratio Lower Upper

173 100

175 48.2 23.8 71.4

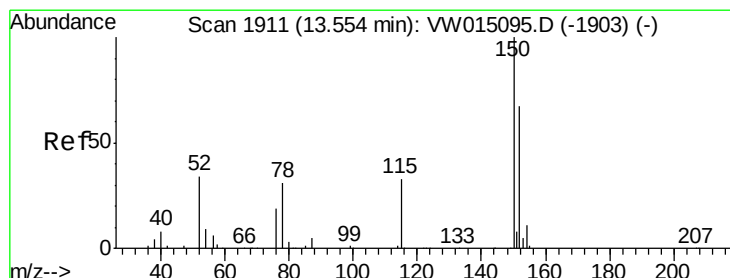
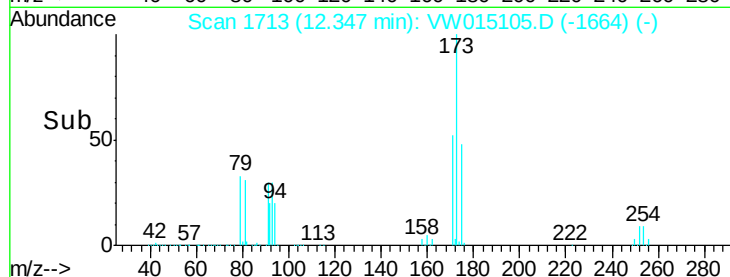
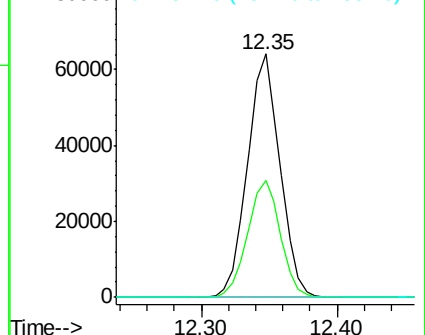
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. 0.00 min

Lab File: VW015105.D

Acq: 09 Mar 2020 18:41

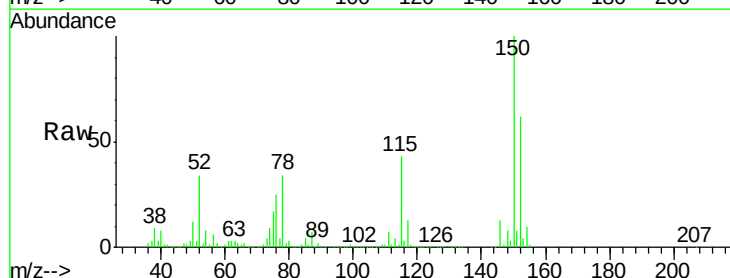
Tgt Ion:152 Resp: 336944

Ion Ratio Lower Upper

152 100

115 66.1 33.3 99.9

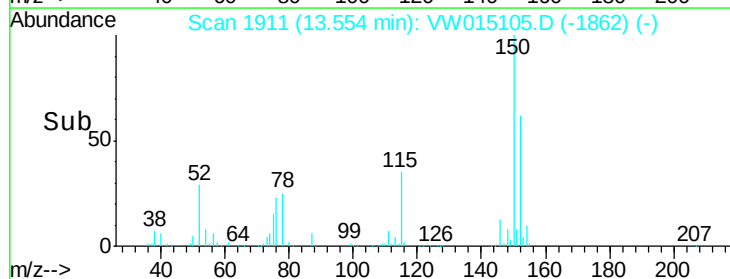
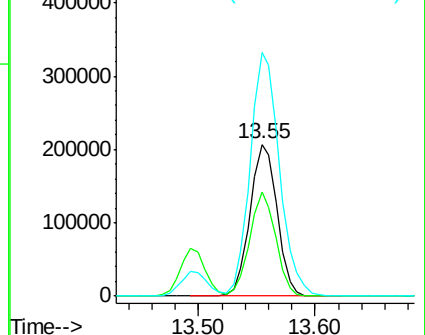
150 172.8 0.0 351.2

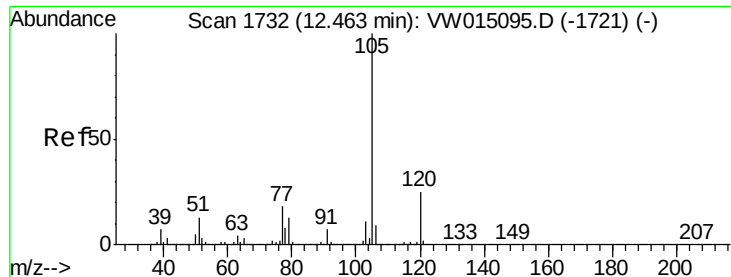


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.78 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015105.D

Acq: 09 Mar 2020 18:41

Instrument :

MSVOA_W

ClientSampleId :

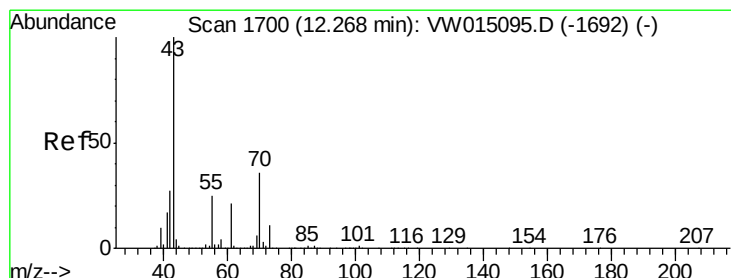
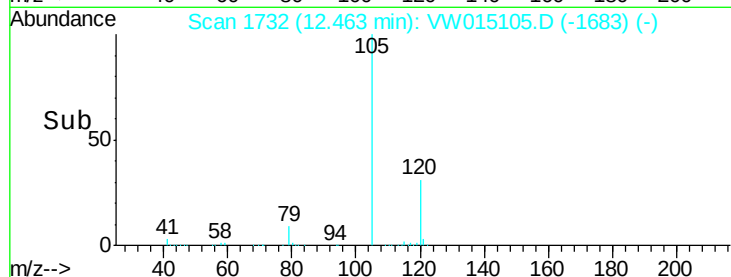
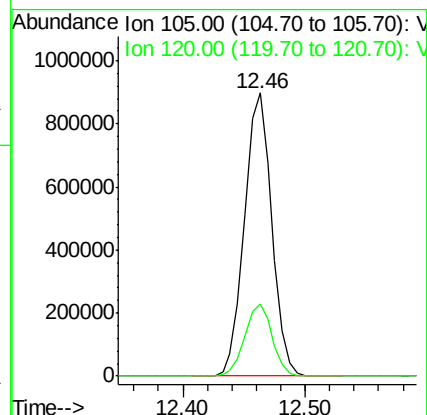
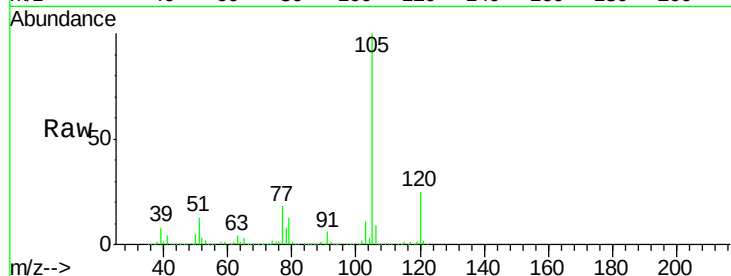
VSTDCCC050EC

Tgt Ion: 105 Resp: 1384109

Ion Ratio Lower Upper

105 100

120 25.3 12.6 37.8



#74

N-ethyl acetate

Concen: 46.81 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VW015105.D

Acq: 09 Mar 2020 18:41

Tgt Ion: 43 Resp: 397643

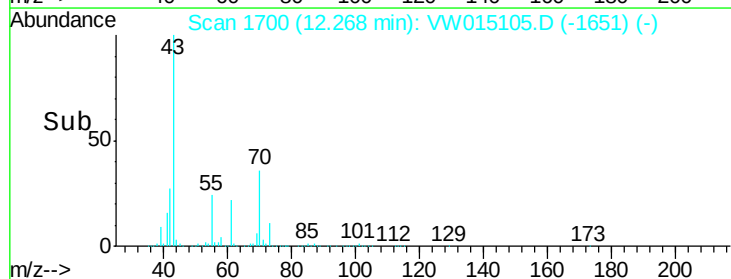
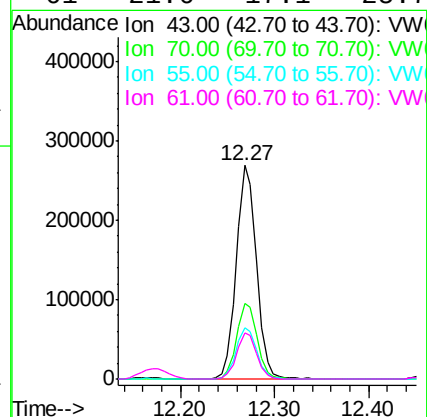
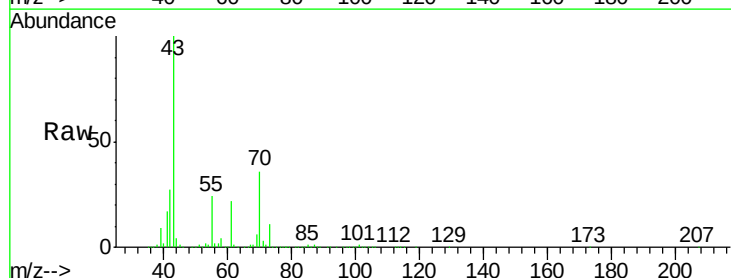
Ion Ratio Lower Upper

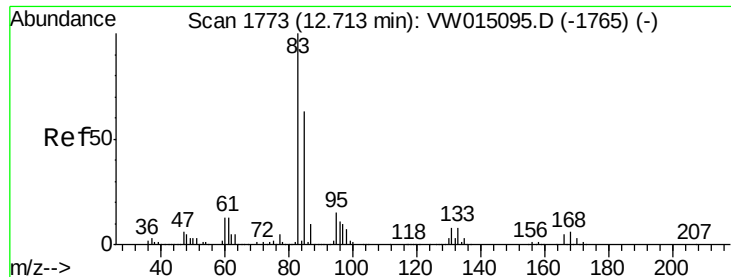
43 100

70 36.2 29.4 44.2

55 24.6 20.3 30.5

61 21.6 17.1 25.7





#75

1,1,2,2-Tetrachloroethane

Concen: 48.92 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW015105.D

Acq: 09 Mar 2020 18:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

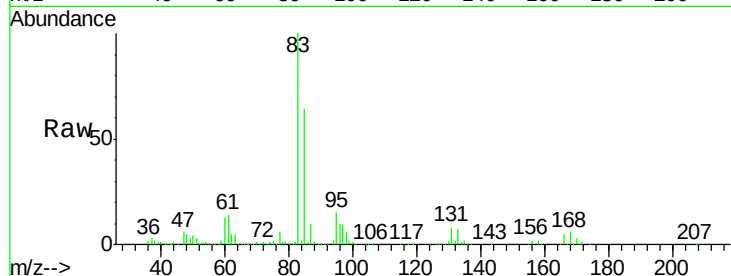
Tgt Ion: 83 Resp: 255655

Ion Ratio Lower Upper

83 100

131 8.5 4.3 13.1

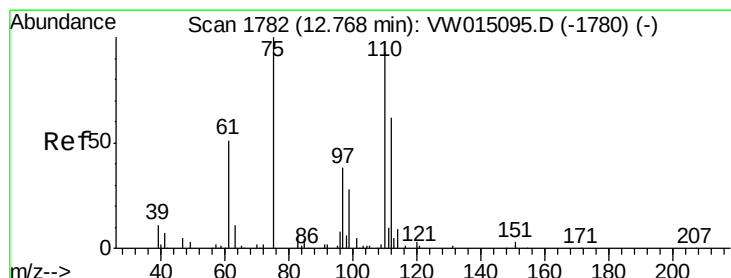
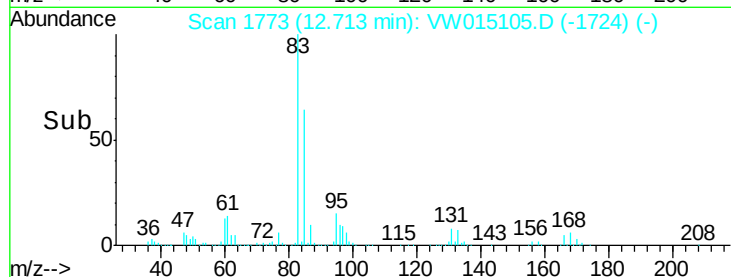
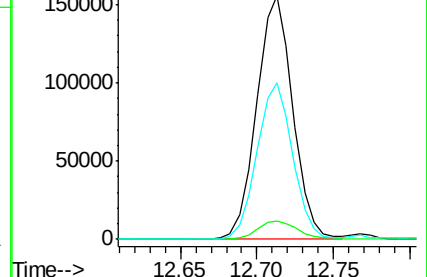
85 63.4 31.5 94.5



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: 89.87 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015105.D

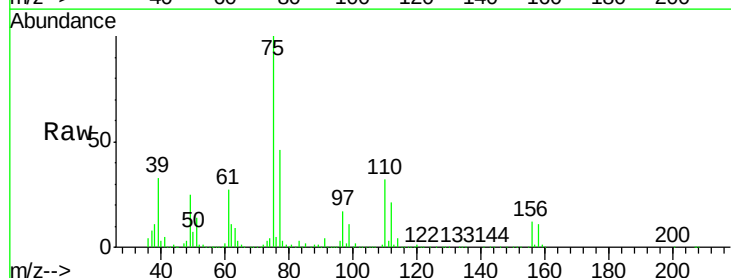
Acq: 09 Mar 2020 18:41

Tgt Ion: 75 Resp: 342250

Ion Ratio Lower Upper

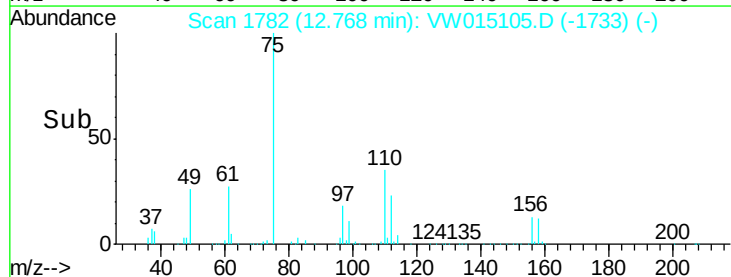
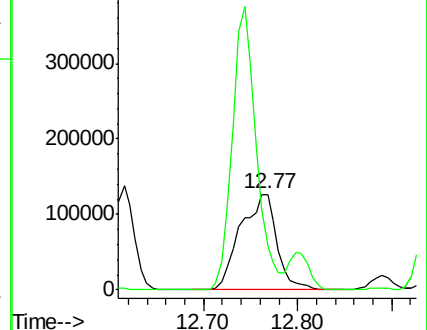
75 100

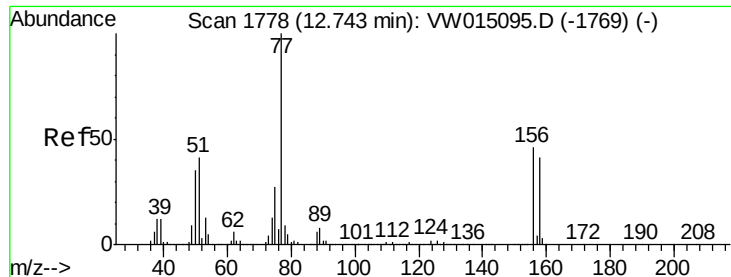
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 51.46 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW015105.D

Acq: 09 Mar 2020 18:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

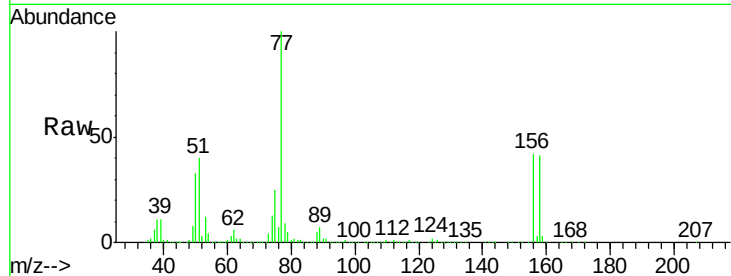
Tgt Ion:156 Resp: 261802

Ion Ratio Lower Upper

156 100

77 255.9 126.6 379.8

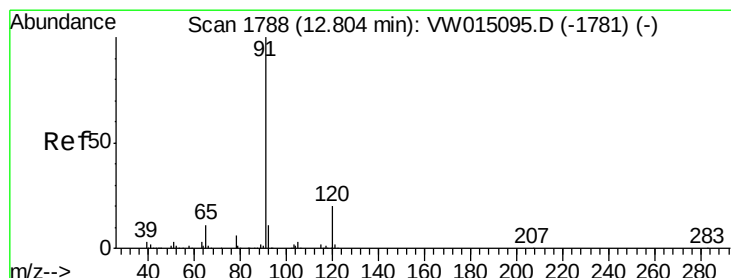
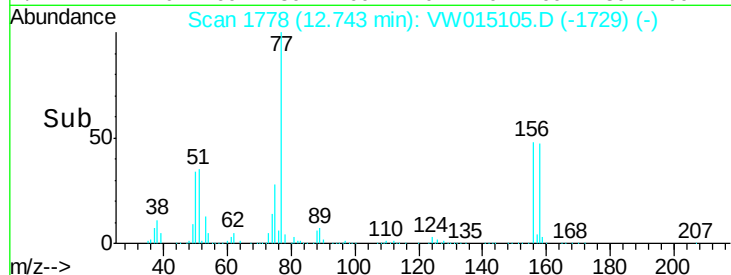
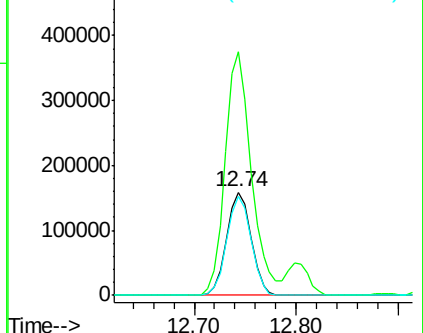
158 95.8 47.4 142.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.19 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015105.D

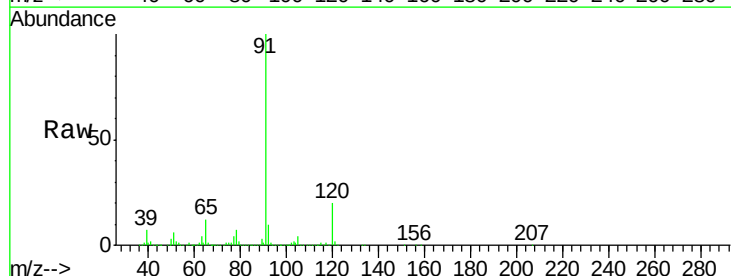
Acq: 09 Mar 2020 18:41

Tgt Ion: 91 Resp: 1812489

Ion Ratio Lower Upper

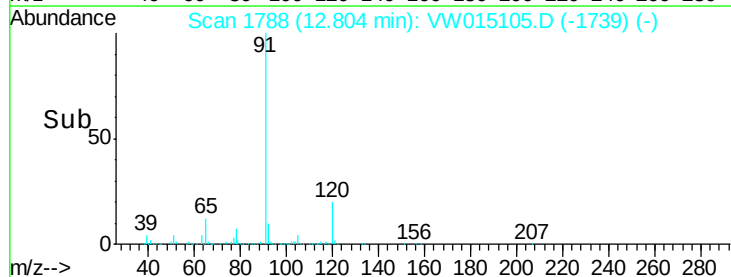
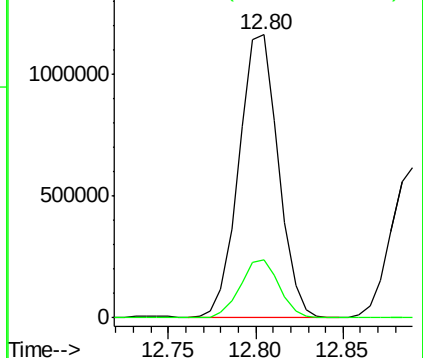
91 100

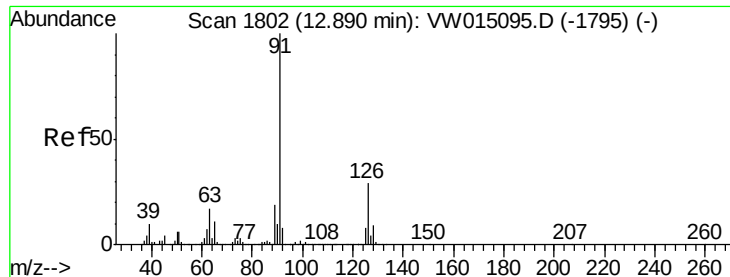
120 20.2 10.2 30.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.05 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW015105.D

Acq: 09 Mar 2020 18:41

Instrument :

MSVOA_W

ClientSampleId :

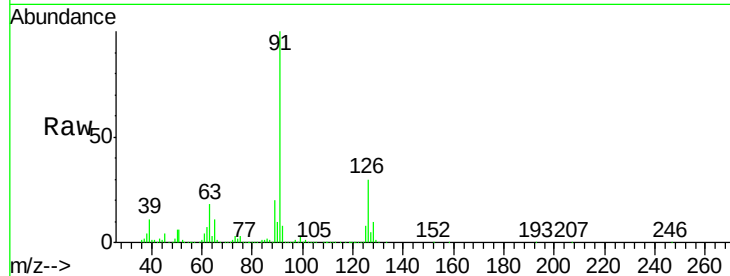
VSTDCCC050EC

Tgt Ion: 91 Resp: 997748

Ion Ratio Lower Upper

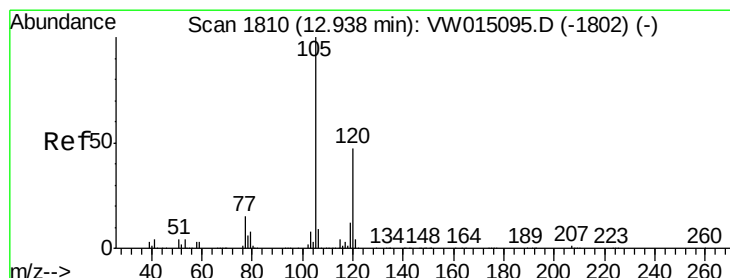
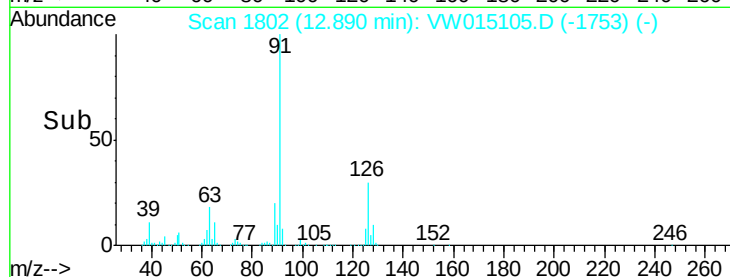
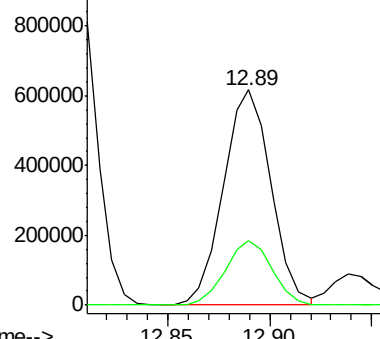
91 100

126 29.7 14.5 43.6



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: 53.36 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW015105.D

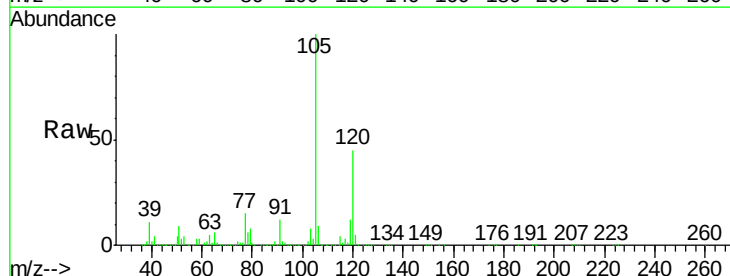
Acq: 09 Mar 2020 18:41

Tgt Ion: 105 Resp: 1180955

Ion Ratio Lower Upper

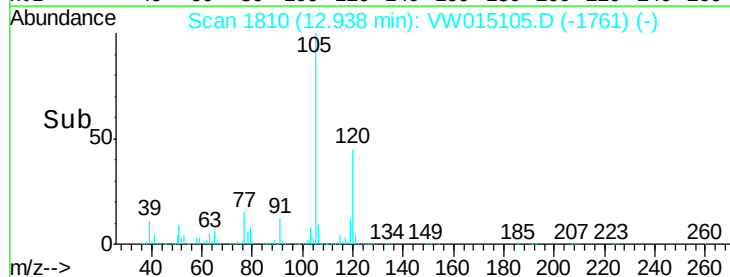
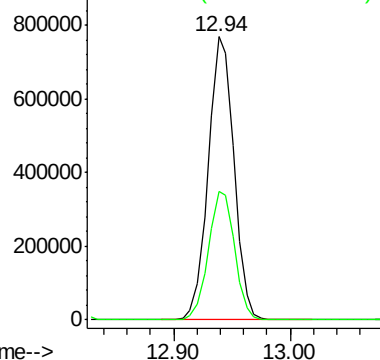
105 100

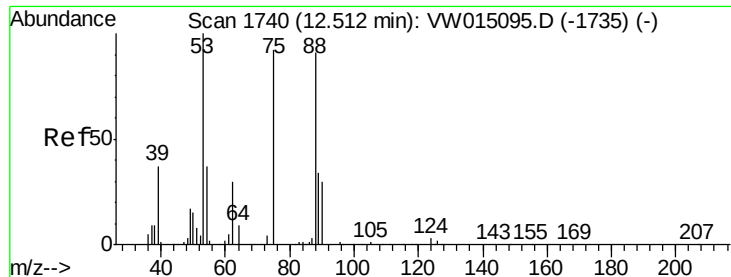
120 46.3 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

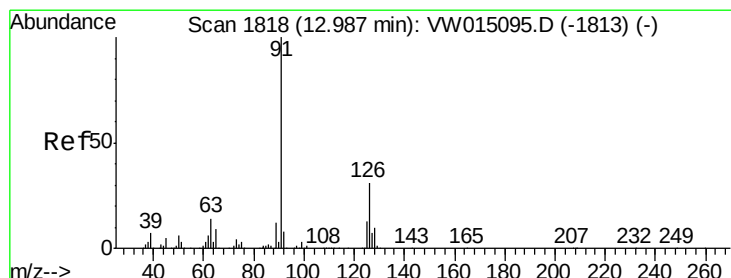
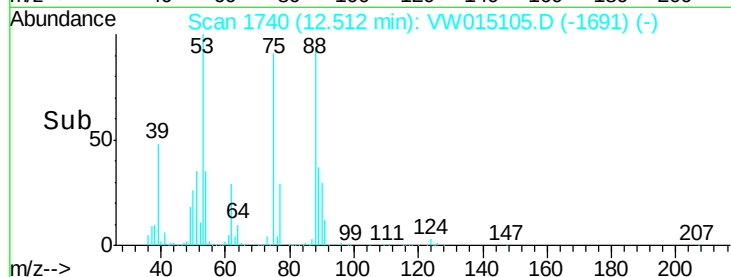
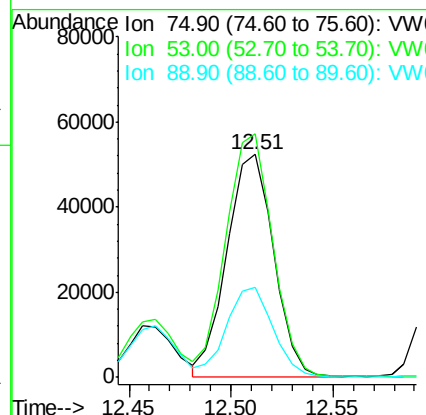
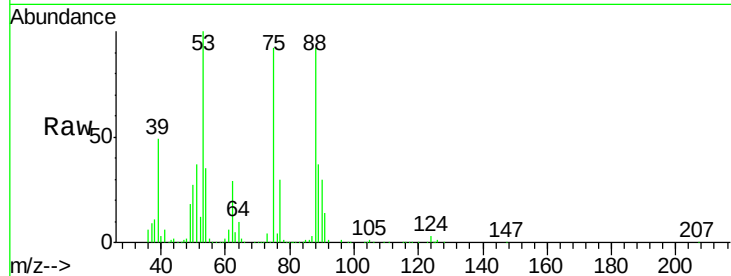




#81
trans-1,4-Dichloro-2-butene
Concen: 49.04 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW015105.D
Acq: 09 Mar 2020 18:41

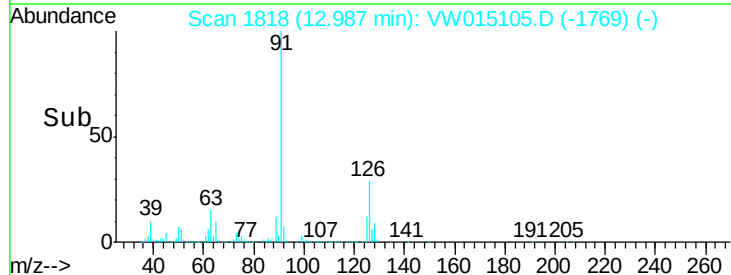
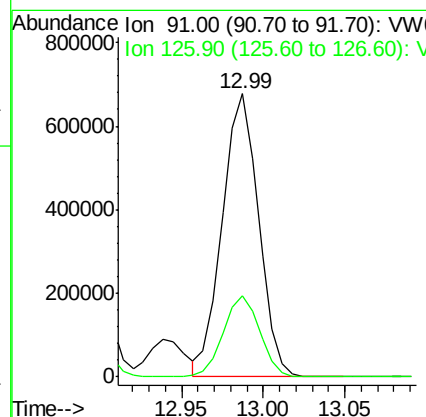
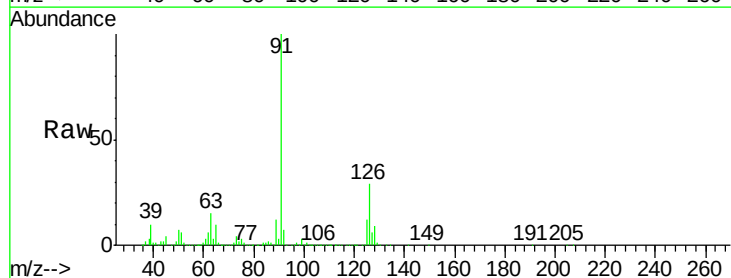
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

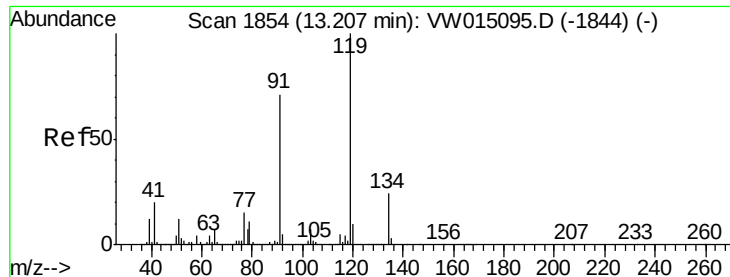
Tgt Ion: 75 Resp: 82689
Ion Ratio Lower Upper
75 100
53 110.8 88.4 132.6
89 40.5 33.1 49.7



#82
4-Chlorotoluene
Concen: 52.50 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW015105.D
Acq: 09 Mar 2020 18:41

Tgt Ion: 91 Resp: 1051517
Ion Ratio Lower Upper
91 100
126 28.8 14.8 44.4





#83

tert-Butylbenzene

Concen: 52.37 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VW015105.D

Acq: 09 Mar 2020 18:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

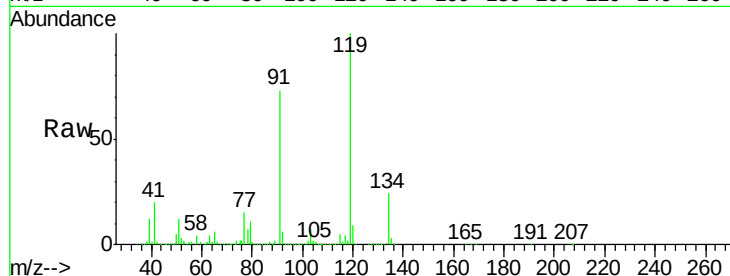
Tgt Ion:119 Resp: 938928

Ion Ratio Lower Upper

119 100

91 75.2 35.7 107.1

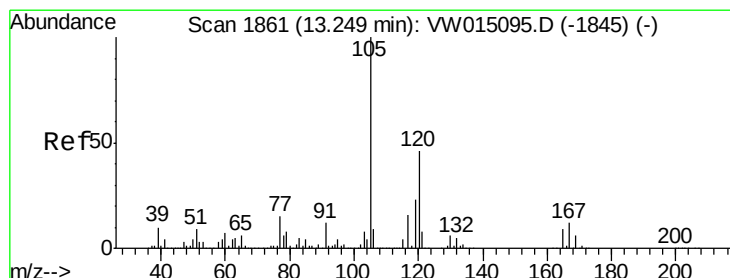
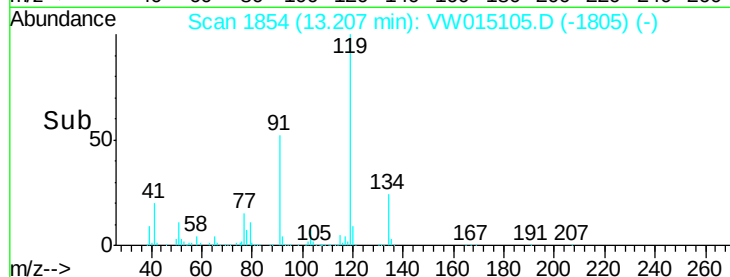
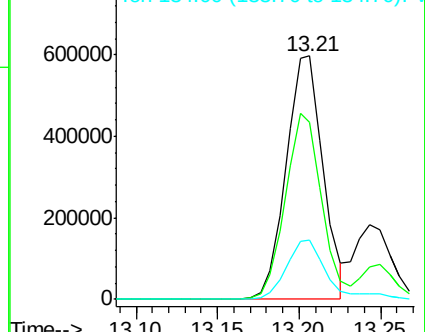
134 26.7 12.7 38.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.94 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VW015105.D

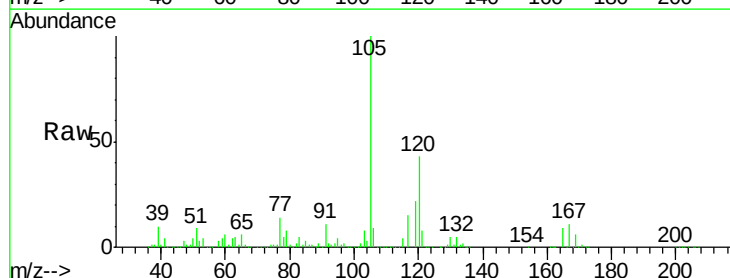
Acq: 09 Mar 2020 18:41

Tgt Ion:105 Resp: 1193689

Ion Ratio Lower Upper

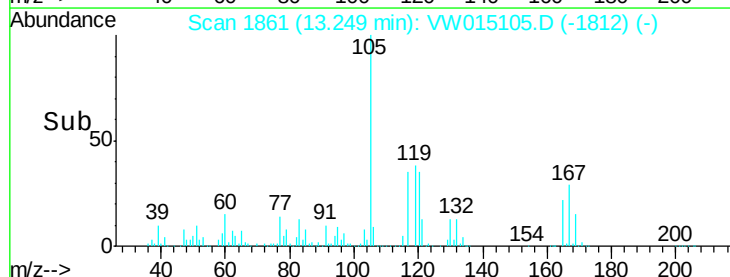
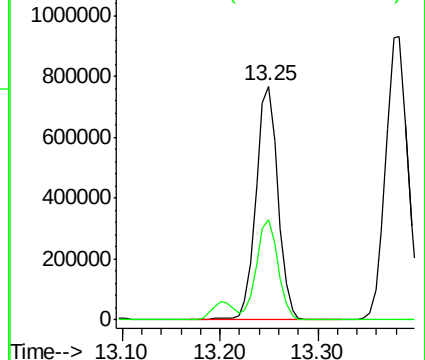
105 100

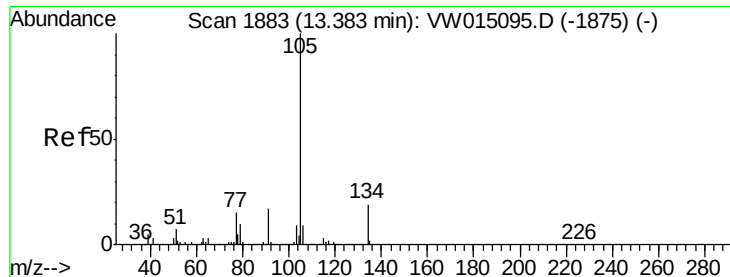
120 42.5 22.1 66.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 53.68 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015105.D

Acq: 09 Mar 2020 18:41

Instrument :

MSVOA_W

ClientSampleId :

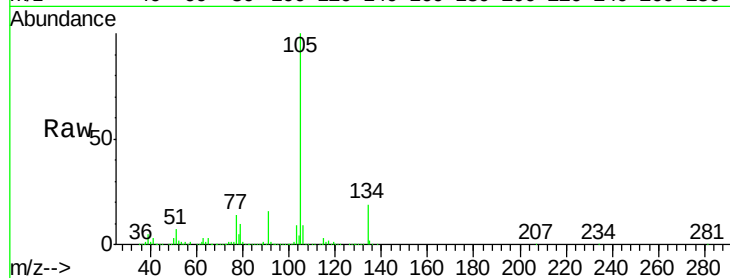
VSTDCCC050EC

Tgt Ion:105 Resp: 1456541

Ion Ratio Lower Upper

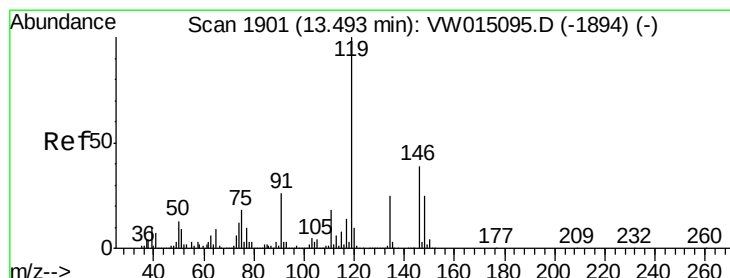
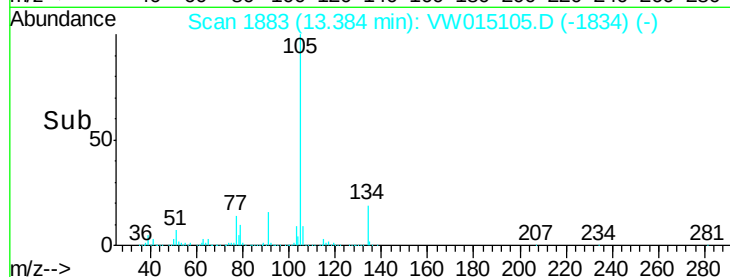
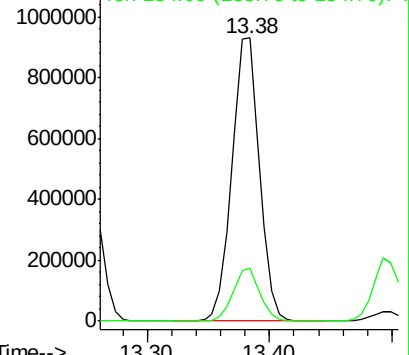
105 100

134 18.2 9.0 27.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.74 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. 0.00 min

Lab File: VW015105.D

Acq: 09 Mar 2020 18:41

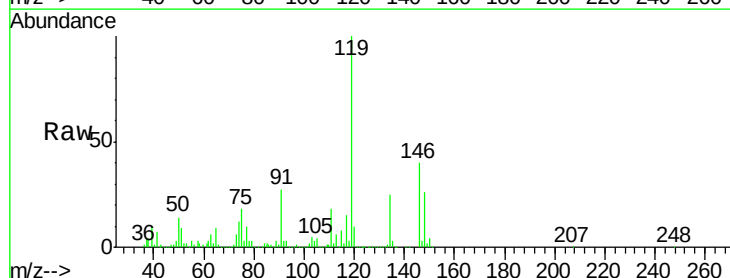
Tgt Ion:119 Resp: 1253303

Ion Ratio Lower Upper

119 100

134 24.6 12.6 37.8

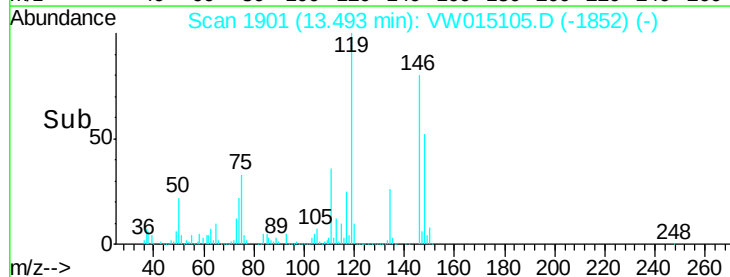
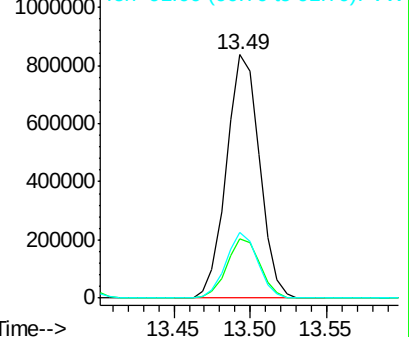
91 26.0 12.9 38.6

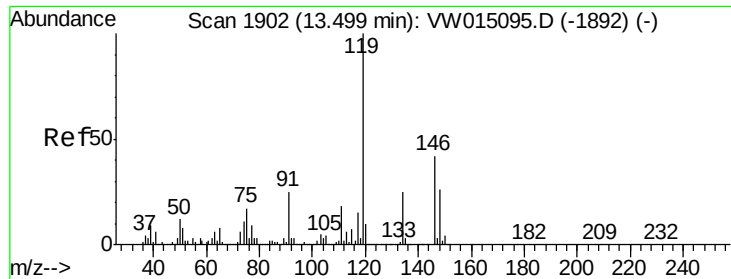


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

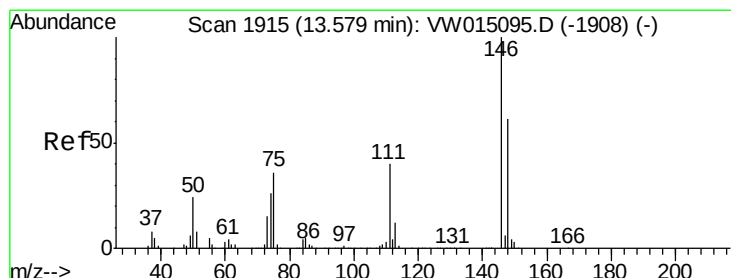
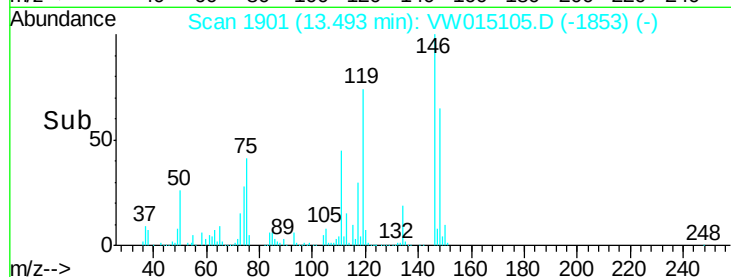
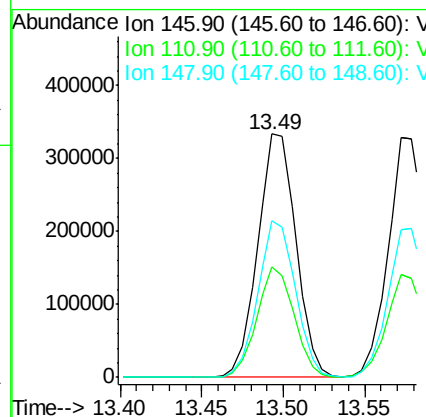
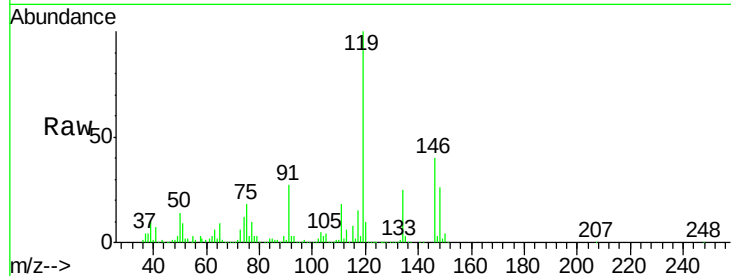




#87
 1,3-Dichlorobenzene
 Concen: 50.49 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: VW015105.D
 Acq: 09 Mar 2020 18:41

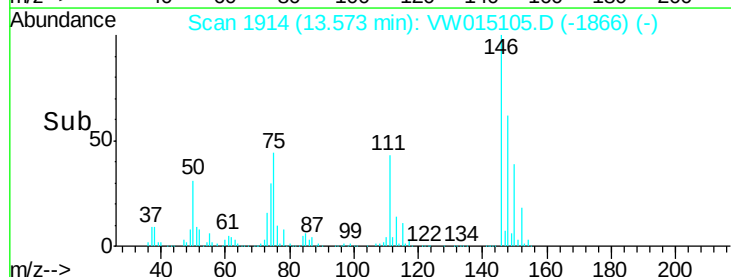
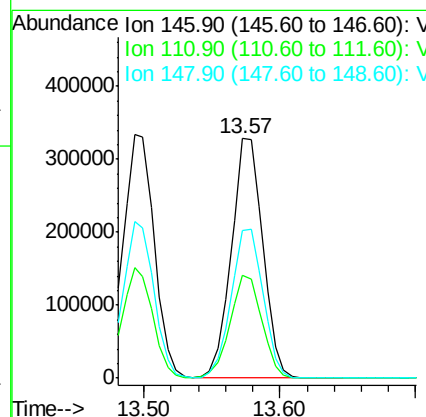
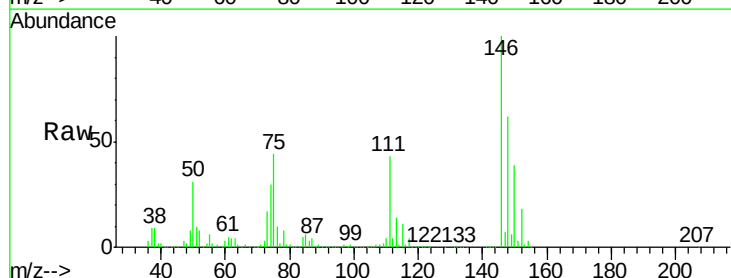
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

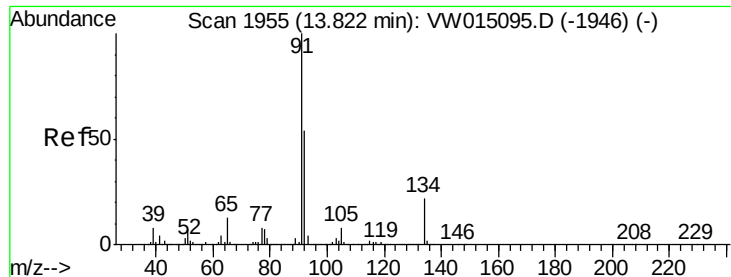
Tgt Ion:146 Resp: 544273
 Ion Ratio Lower Upper
 146 100
 111 44.0 22.5 67.5
 148 62.9 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 49.83 ug/l
 RT: 13.57 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: VW015105.D
 Acq: 09 Mar 2020 18:41

Tgt Ion:146 Resp: 528842
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.3 63.9
 148 63.3 31.6 94.8

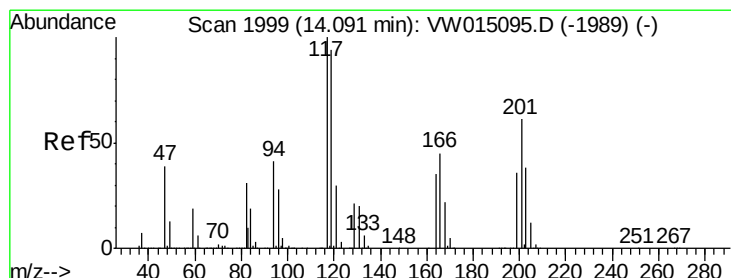
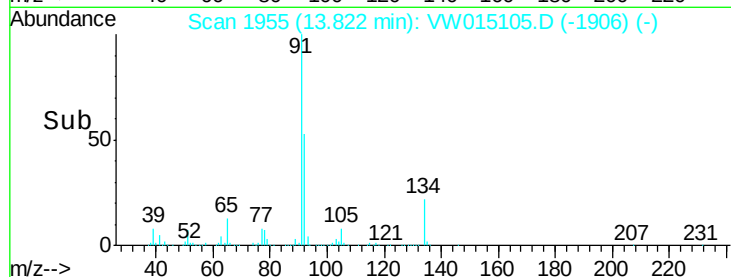
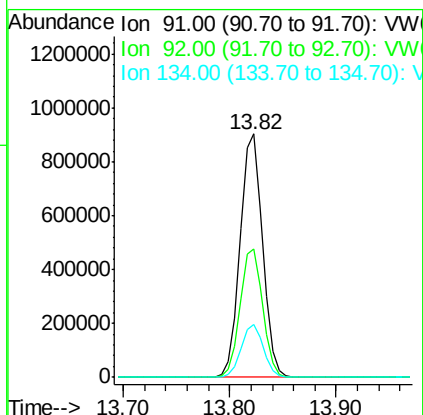
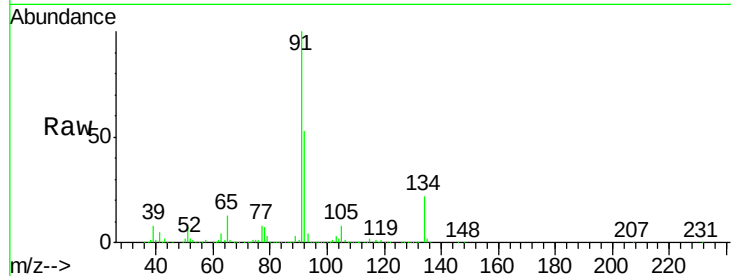




#89
n-Butylbenzene
Concen: 53.29 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW015105.D
Acq: 09 Mar 2020 18:41

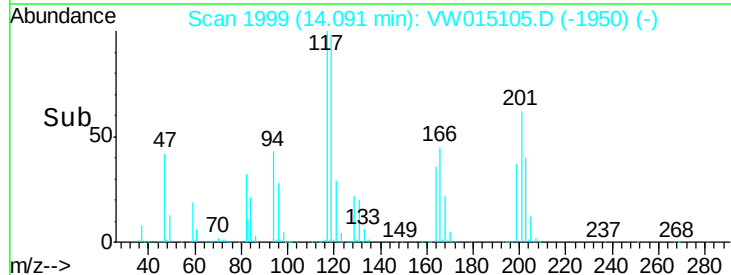
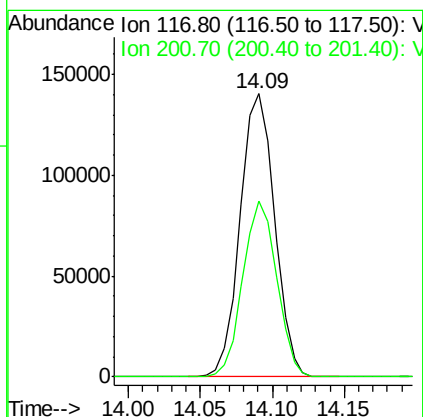
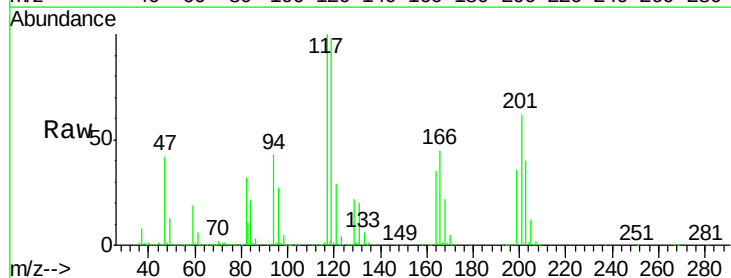
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

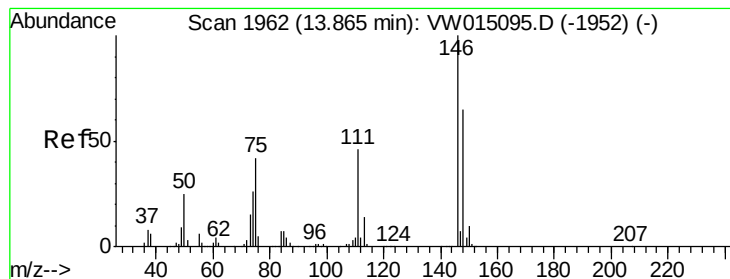
Tgt Ion: 91 Resp: 1340355
Ion Ratio Lower Upper
91 100
92 53.3 26.8 80.3
134 21.6 10.8 32.4



#90
Hexachloroethane
Concen: 49.79 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW015105.D
Acq: 09 Mar 2020 18:41

Tgt Ion: 117 Resp: 232895
Ion Ratio Lower Upper
117 100
201 60.8 30.3 90.9





#91

1,2-Dichlorobenzene

Concen: 49.98 ug/l

RT: 13.87 min Scan# 1962

Delta R.T. 0.00 min

Lab File: VW015105.D

Acq: 09 Mar 2020 18:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

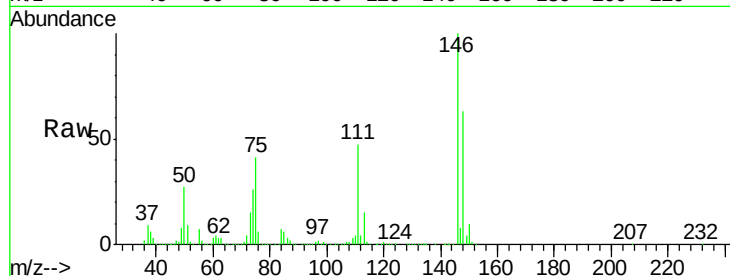
Tgt Ion:146 Resp: 471791

Ion Ratio Lower Upper

146 100

111 46.1 23.1 69.2

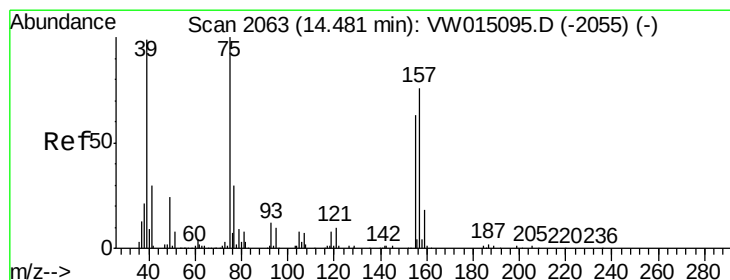
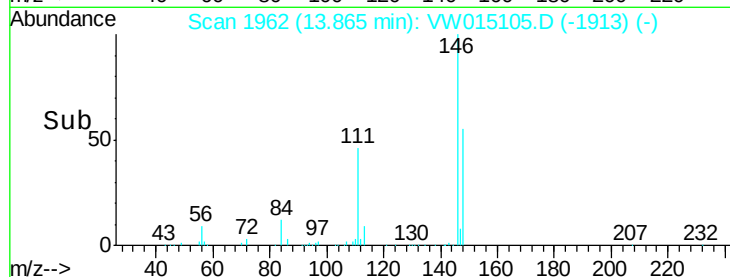
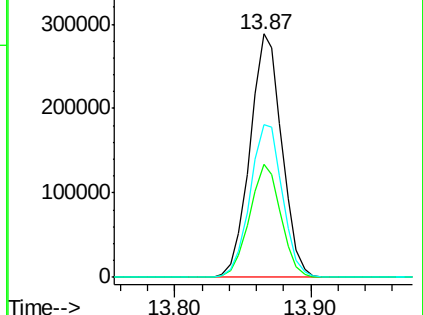
148 63.8 32.3 96.9



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: 47.36 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. 0.00 min

Lab File: VW015105.D

Acq: 09 Mar 2020 18:41

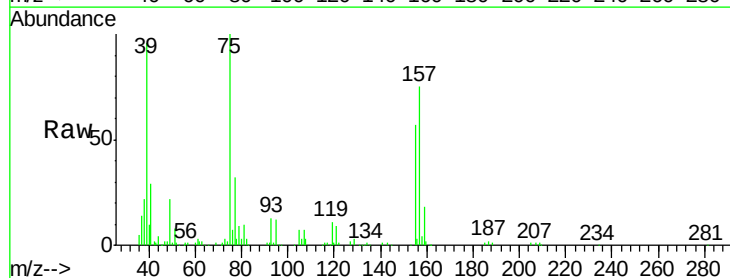
Tgt Ion: 75 Resp: 39750

Ion Ratio Lower Upper

75 100

155 59.1 32.1 96.3

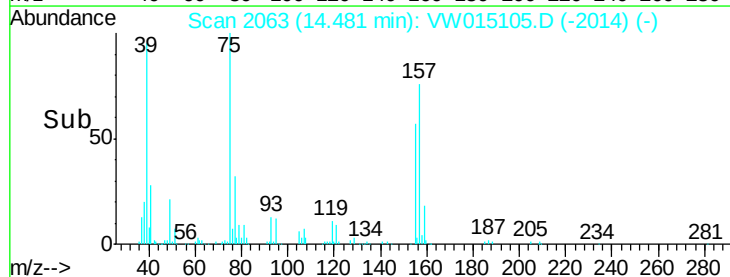
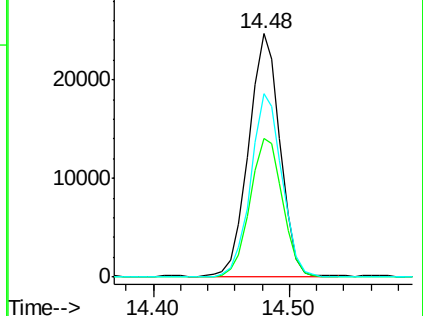
157 75.4 39.6 118.7

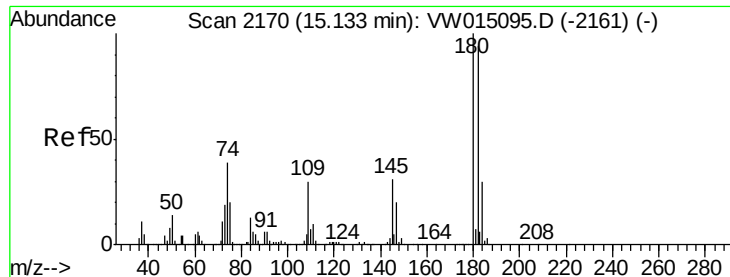


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

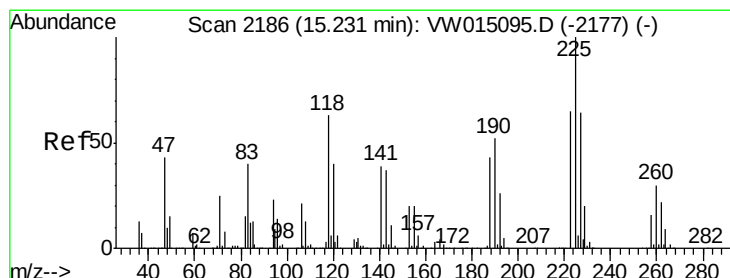
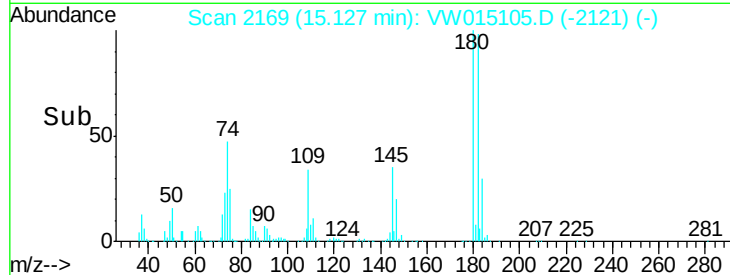
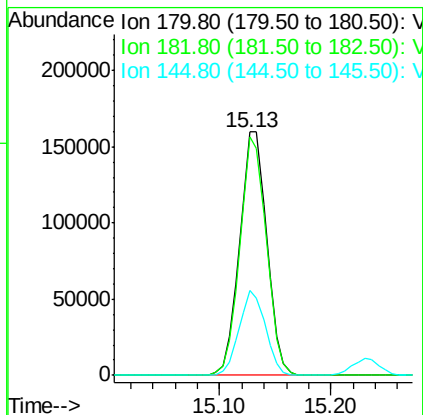
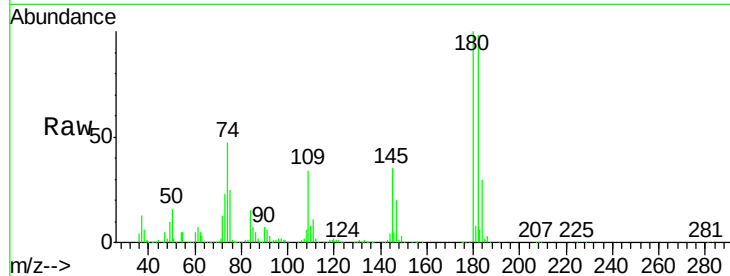




#93
 1,2,4-Trichlorobenzene
 Concen: 50.11 ug/l
 RT: 15.13 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: VW015105.D
 Acq: 09 Mar 2020 18:41

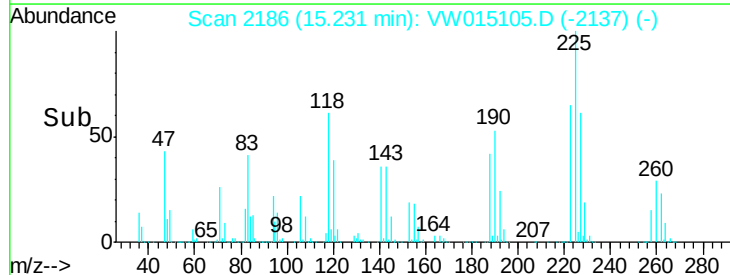
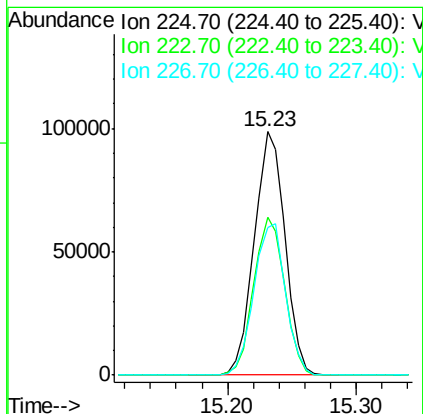
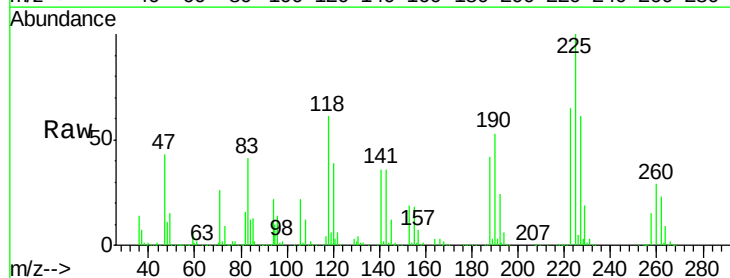
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

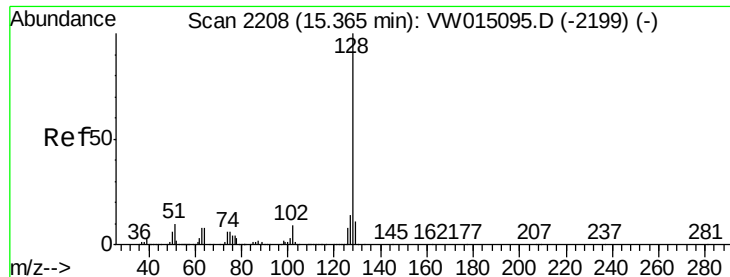
Tgt Ion:180 Resp: 270720
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.6 142.9
 145 33.8 16.2 48.5



#94
 Hexachlorobutadiene
 Concen: 47.78 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: VW015105.D
 Acq: 09 Mar 2020 18:41

Tgt Ion:225 Resp: 162049
 Ion Ratio Lower Upper
 225 100
 223 65.3 32.5 97.4
 227 64.0 33.0 99.0

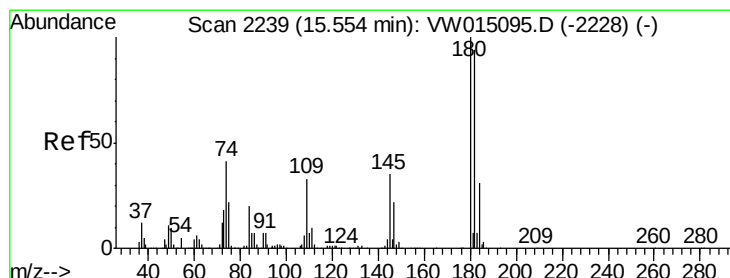
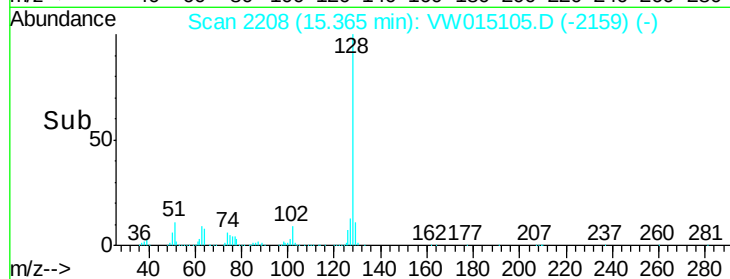
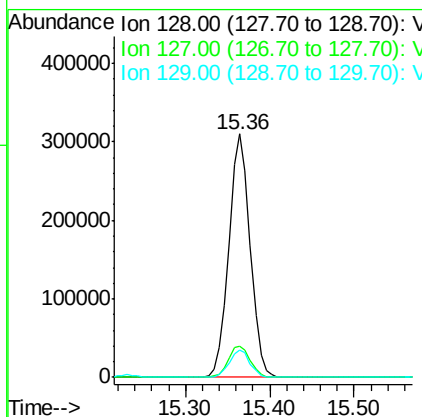
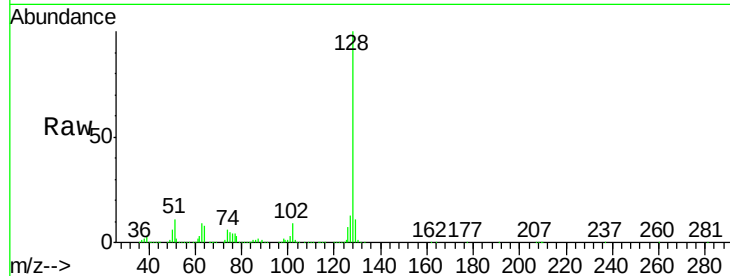




#95
Naphthalene
Concen: 45.44 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015105.D
Acq: 09 Mar 2020 18:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 533299
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 11.0 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 50.28 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW015105.D
Acq: 09 Mar 2020 18:41

Tgt Ion:180 Resp: 240928
Ion Ratio Lower Upper
180 100
182 92.1 47.9 143.7
145 34.0 17.5 52.6

