

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030920\
 Data File : VW015101.D
 Acq On : 09 Mar 2020 16:57
 Operator : SY/VA
 Sample : VW0309SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0309SBS01

Quant Time: Mar 10 17:44:08 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	481723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	897653	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	803354	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	362862	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	353647	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
35) Dibromofluoromethane	7.88	113	266323	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
50) Toluene-d8	10.32	98	1147208	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
62) 4-Bromofluorobenzene	12.62	95	382306	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	58738	20.11	ug/l	97
3) Chloromethane	2.22	50	128429	20.49	ug/l	99
4) Vinyl Chloride	2.37	62	168268	20.50	ug/l	96
5) Bromomethane	2.78	94	93829	20.00	ug/l	100
6) Chloroethane	2.93	64	96256	20.25	ug/l	98
7) Trichlorofluoromethane	3.26	101	87657	21.35	ug/l	95
8) Diethyl Ether	3.68	74	63012	20.14	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	127198	20.32	ug/l	99
10) Methyl Iodide	4.27	142	143498	20.60	ug/l	100
11) Tert butyl alcohol	5.16	59	45854	112.64	ug/l	100
12) 1,1-Dichloroethene	4.04	96	123869	20.24	ug/l	98
13) Acrolein	3.90	56	59448	99.85	ug/l	95
14) Allyl chloride	4.67	41	254334	20.74	ug/l	99
15) Acrylonitrile	5.37	53	156294	97.44	ug/l	99
16) Acetone	4.12	43	145314	89.96	ug/l	94
17) Carbon Disulfide	4.39	76	434782	20.04	ug/l	97
18) Methyl Acetate	4.67	43	75030	19.59	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	168234	21.47	ug/l	93
20) Methylene Chloride	4.92	84	152906	20.92	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	134129	20.64	ug/l	98
22) Diisopropyl ether	6.31	45	514694	21.87	ug/l	98
23) Vinyl Acetate	6.25	43	1424372	102.52	ug/l	99
24) 1,1-Dichloroethane	6.21	63	285329	20.79	ug/l	99
25) 2-Butanone	7.17	43	211274	95.40	ug/l	98
26) 2,2-Dichloropropane	7.17	77	168370	21.45	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	141035	20.85	ug/l	97
28) Bromochloromethane	7.51	49	130151	19.79	ug/l	98
29) Tetrahydrofuran	7.52	42	135178	97.59	ug/l	99
30) Chloroform	7.67	83	251309	20.63	ug/l	97
31) Cyclohexane	7.95	56	290146	20.56	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	196813	20.70	ug/l	99
36) 1,1-Dichloropropene	8.08	75	213026	20.46	ug/l	99
37) Ethyl Acetate	7.25	43	100972	19.46	ug/l	99
38) Carbon Tetrachloride	8.07	117	171021	20.18	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030920\
 Data File : VW015101.D
 Acq On : 09 Mar 2020 16:57
 Operator : SY/VA
 Sample : VW0309SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0309SBSD01

Quant Time: Mar 10 17:44:08 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	243762	20.48	ug/l	98
40) Benzene	8.32	78	602380	20.82	ug/l	99
41) Methacrylonitrile	7.48	41	55137	20.09	ug/l	95
42) 1,2-Dichloroethane	8.40	62	178448	20.25	ug/l	99
43) Isopropyl Acetate	8.42	43	183537	19.73	ug/l	99
44) Trichloroethene	9.09	130	124578	20.23	ug/l	97
45) 1,2-Dichloropropane	9.37	63	160318	20.58	ug/l	99
46) Dibromomethane	9.46	93	67186	19.83	ug/l	97
47) Bromodichloromethane	9.64	83	182414	20.17	ug/l	98
48) Methyl methacrylate	9.43	41	92625	20.97	ug/l	91
49) 1,4-Dioxane	9.45	88	19493	375.83	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	472257	91.92	ug/l	100
52) Toluene	10.38	92	346001	20.82	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	176193	19.80	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	219566	20.26	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	91201	19.65	ug/l	98
56) Ethyl methacrylate	10.65	69	116713	18.77	ug/l	98
57) 1,3-Dichloropropane	10.93	76	177083	20.04	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	341208	97.09	ug/l	100
59) 2-Hexanone	10.96	43	308393	90.24	ug/l	98
60) Dibromochloromethane	11.13	129	94874	19.79	ug/l	99
61) 1,2-Dibromoethane	11.23	107	81414	19.78	ug/l	98
64) Tetrachloroethene	10.86	164	92903	20.04	ug/l	96
65) Chlorobenzene	11.65	112	328083	20.35	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	108245	20.16	ug/l	99
67) Ethyl Benzene	11.73	91	653917	20.84	ug/l	99
68) m/p-Xylenes	11.84	106	469496	42.33	ug/l	99
69) o-Xylene	12.16	106	204384	20.45	ug/l	96
70) Styrene	12.18	104	360647	21.06	ug/l	100
71) Bromoform	12.35	173	45248	18.99	ug/l #	97
73) Isopropylbenzene	12.46	105	580886	20.96	ug/l	100
74) N-amyl acetate	12.27	43	160177	19.20	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	109362	19.43	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	143999	35.11	ug/l #	100
77) Bromobenzene	12.74	156	113269	20.67	ug/l	99
78) n-propylbenzene	12.80	91	775694	21.53	ug/l	98
79) 2-Chlorotoluene	12.89	91	431380	21.30	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	507554	21.30	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	33228	18.30	ug/l	93
82) 4-Chlorotoluene	12.99	91	454376	21.07	ug/l	100
83) tert-Butylbenzene	13.21	119	407795	21.12	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	512280	21.50	ug/l	99
85) sec-Butylbenzene	13.38	105	621425	21.27	ug/l	100
86) p-Isopropyltoluene	13.49	119	536461	21.36	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	240412	20.71	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	236946	20.73	ug/l	98
89) n-Butylbenzene	13.82	91	573004	21.15	ug/l	100
90) Hexachloroethane	14.09	117	102269	20.30	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	209775	20.63	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	17638	19.51	ug/l	92

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW030920\
Data File : VW015101.D
Acq On : 09 Mar 2020 16:57
Operator : SY/VA
Sample : VW0309SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0309SBSD01

Quant Time: Mar 10 17:44:08 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

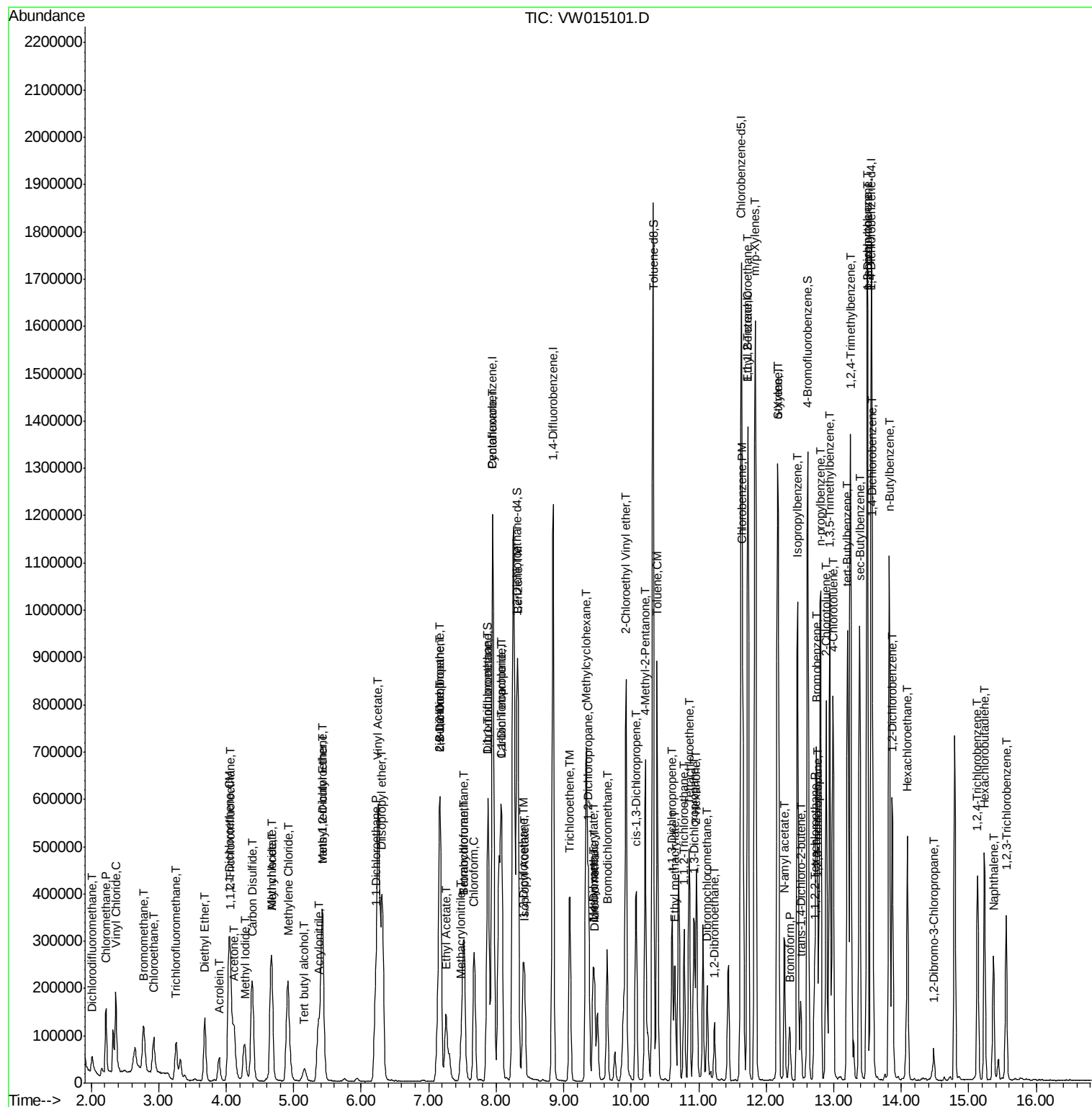
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	118981	20.45	ug/l	99
94) Hexachlorobutadiene	15.23	225	74534	20.41	ug/l	98
95) Naphthalene	15.36	128	201589	17.97	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	100923	19.56	ug/l	99

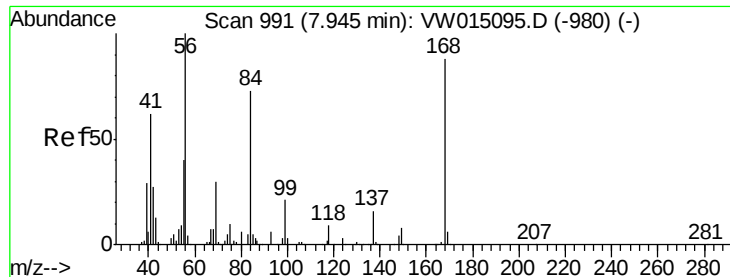
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW030920\
 Data File : VW015101.D
 Acq On : 09 Mar 2020 16:57
 Operator : SY/VA
 Sample : VW0309SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0309SBS01

Quant Time: Mar 10 17:44:08 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Instrument :

MSVOA_W

ClientSampleId :

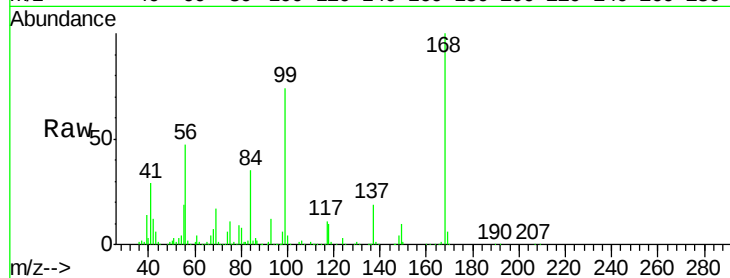
VW0309SBSD01

Tgt Ion:168 Resp: 481723

Ion Ratio Lower Upper

168 100

99 73.9 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

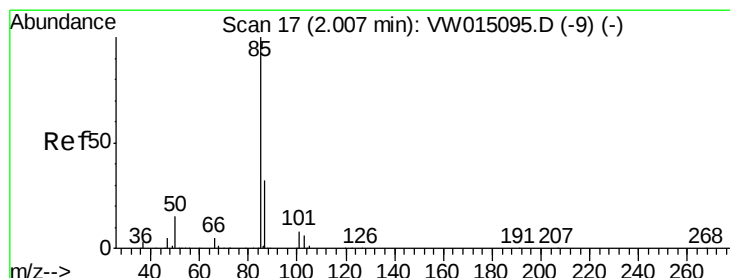
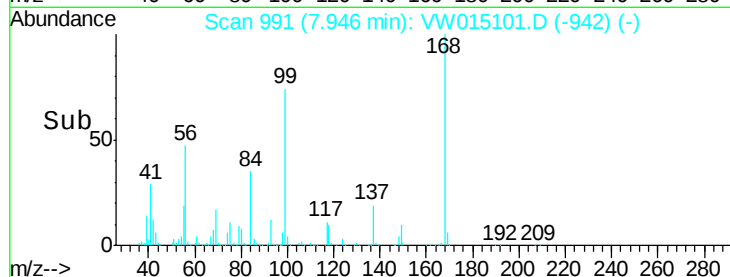
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 20.11 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW015101.D

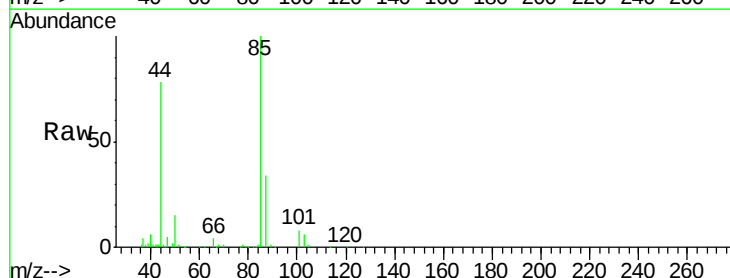
Acq: 09 Mar 2020 16:57

Tgt Ion: 85 Resp: 58738

Ion Ratio Lower Upper

85 100

87 34.2 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

20000

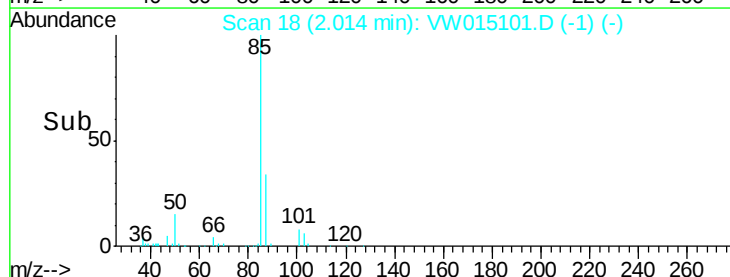
15000

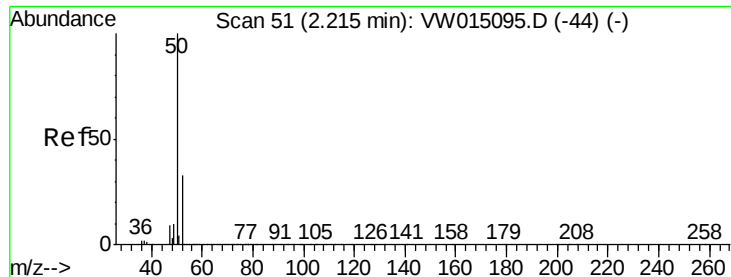
10000

5000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 20.49 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Instrument :

MSVOA_W

ClientSampleId :

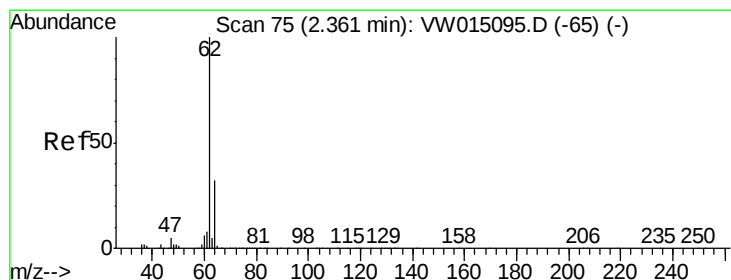
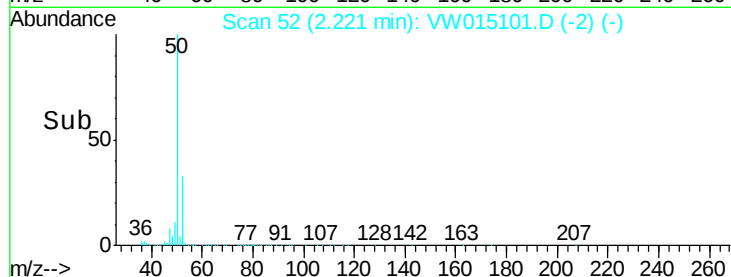
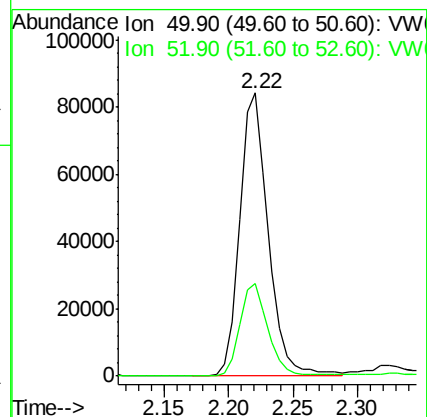
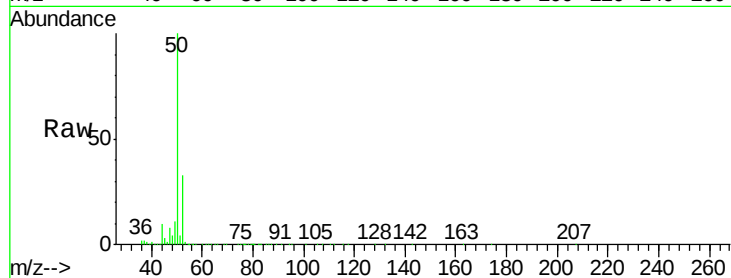
VW0309SBSD01

Tgt Ion: 50 Resp: 128429

Ion Ratio Lower Upper

50 100

52 32.7 26.6 40.0



#4

Vinyl Chloride

Concen: 20.50 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.01 min

Lab File: VW015101.D

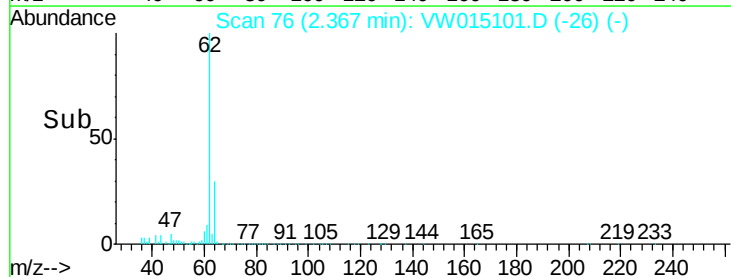
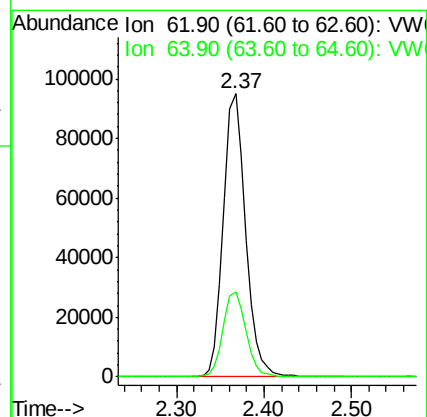
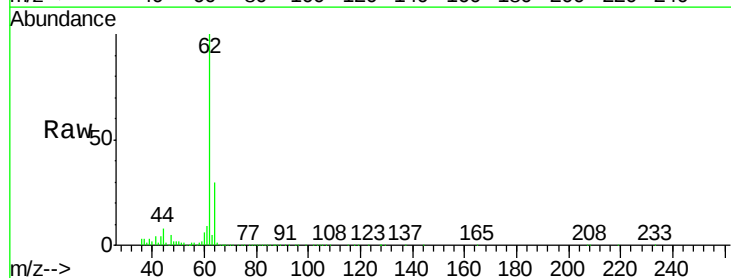
Acq: 09 Mar 2020 16:57

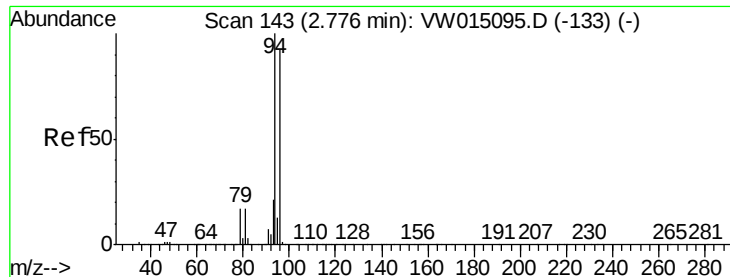
Tgt Ion: 62 Resp: 168268

Ion Ratio Lower Upper

62 100

64 29.7 25.3 37.9





#5

Bromomethane

Concen: 20.00 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Instrument :

MSVOA_W

ClientSampleId :

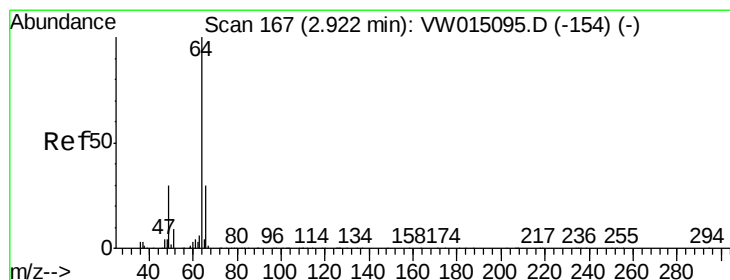
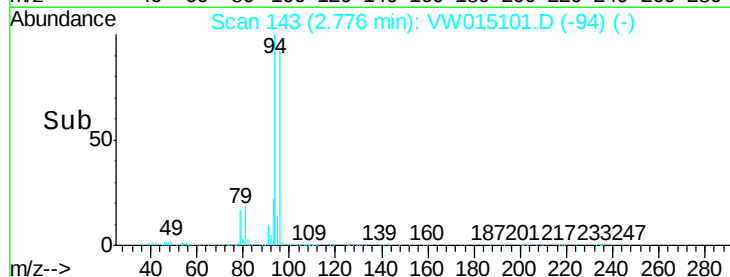
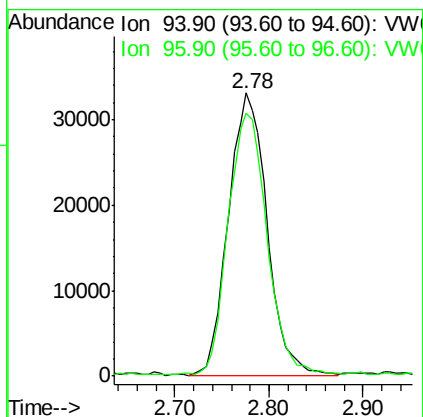
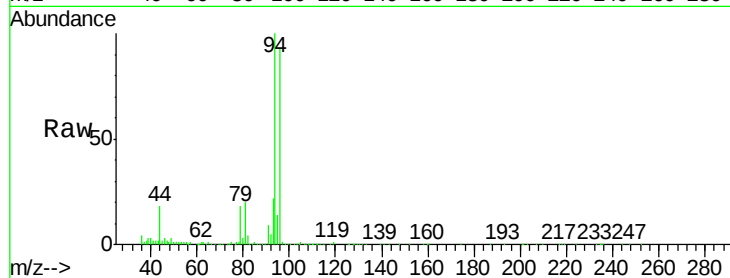
VW0309SBSD01

Tgt Ion: 94 Resp: 93829

Ion Ratio Lower Upper

94 100

96 92.0 74.0 111.0



#6

Chloroethane

Concen: 20.25 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.01 min

Lab File: VW015101.D

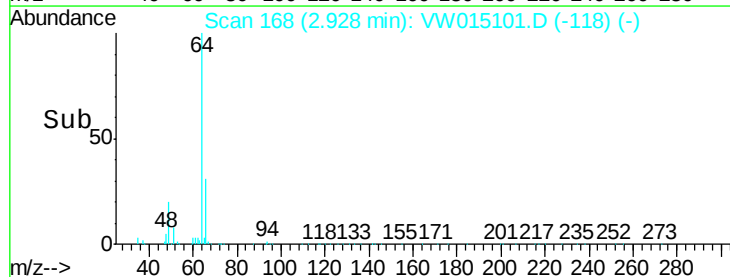
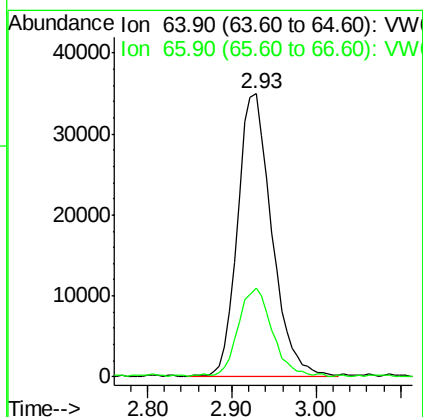
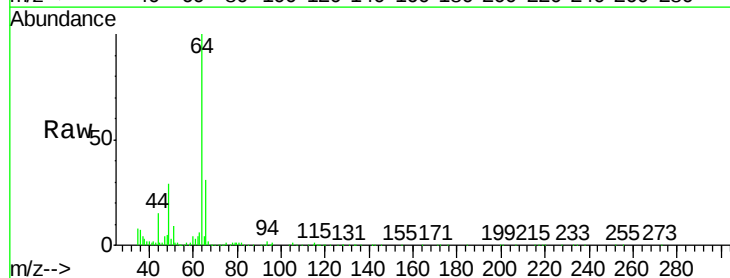
Acq: 09 Mar 2020 16:57

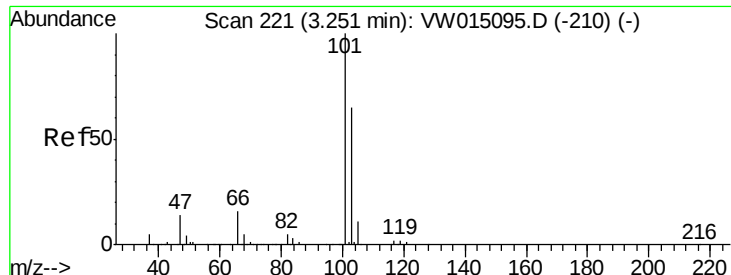
Tgt Ion: 64 Resp: 96256

Ion Ratio Lower Upper

64 100

66 31.1 24.2 36.2



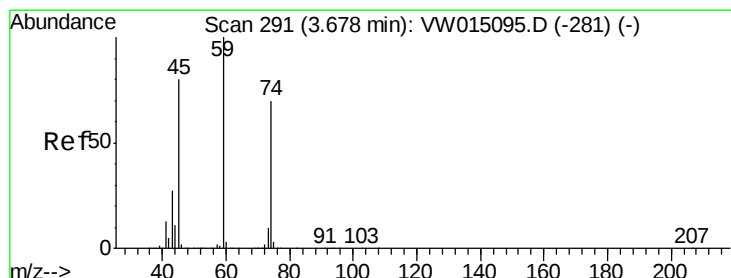
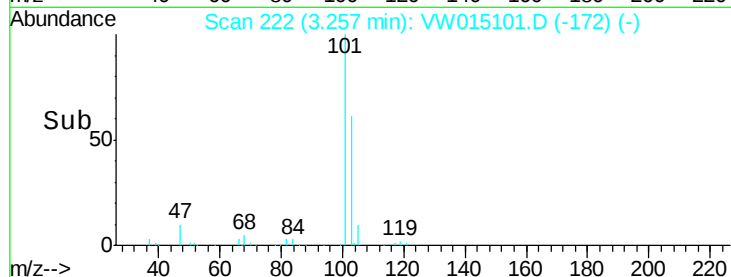
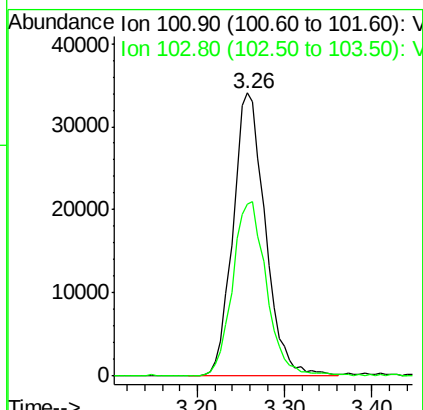
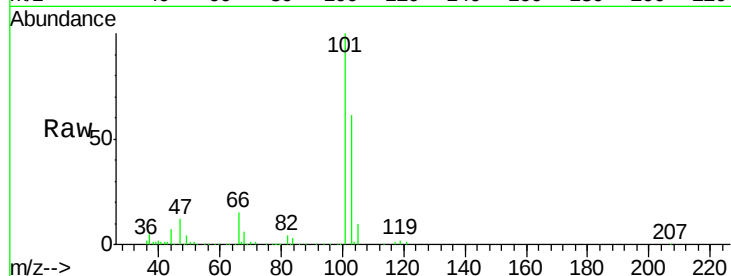


#7

Trichlorofluoromethane
 Concen: 21.35 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.01 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0309SBSD01

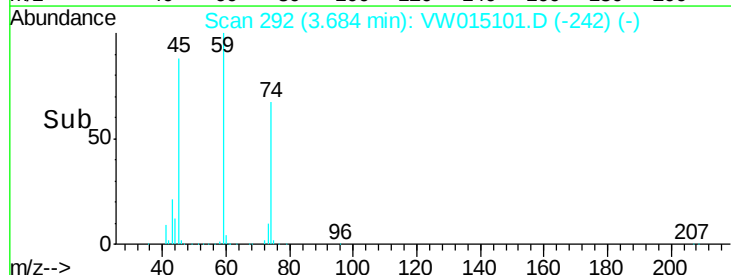
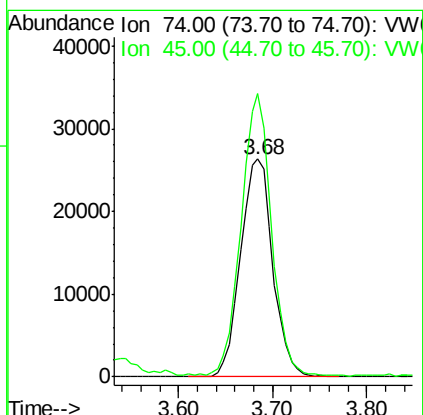
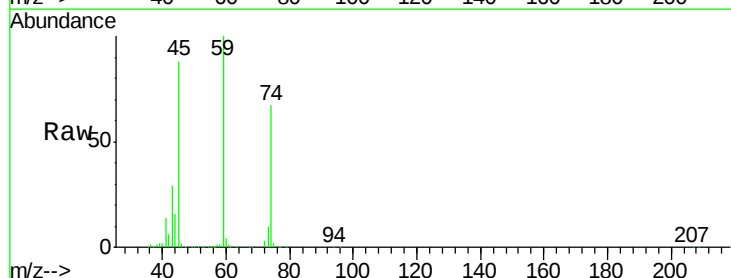
Tgt Ion:101 Resp: 87657
 Ion Ratio Lower Upper
 101 100
 103 60.8 51.8 77.6

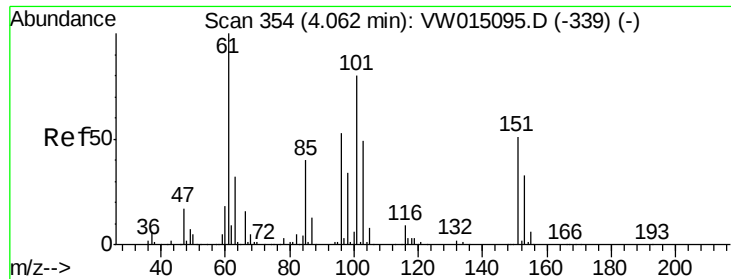


#8

Diethyl Ether
 Concen: 20.14 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.01 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

Tgt Ion: 74 Resp: 63012
 Ion Ratio Lower Upper
 74 100
 45 122.0 59.2 177.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.32 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Instrument :

MSVOA_W

ClientSampleId :

VW0309SBSD01

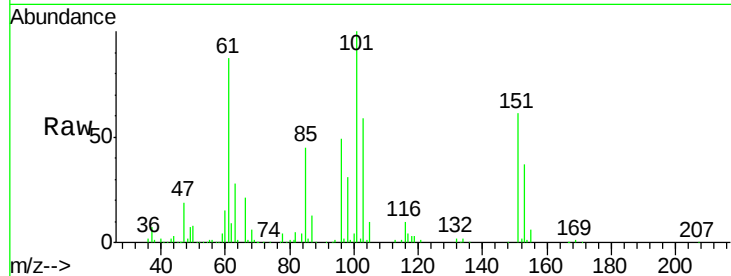
Tgt Ion:101 Resp: 127198

Ion Ratio Lower Upper

101 100

85 47.6 39.0 58.4

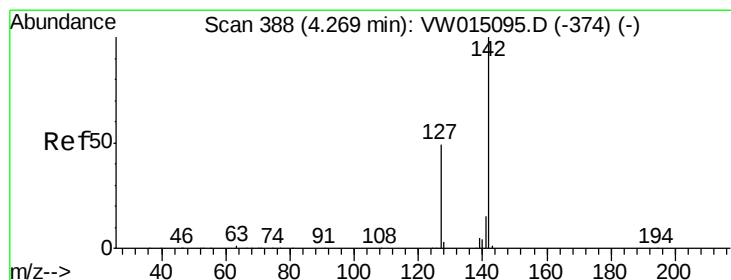
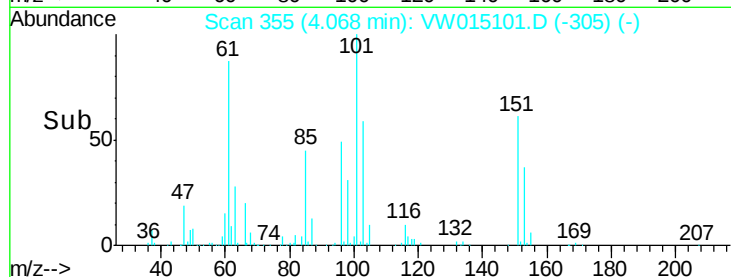
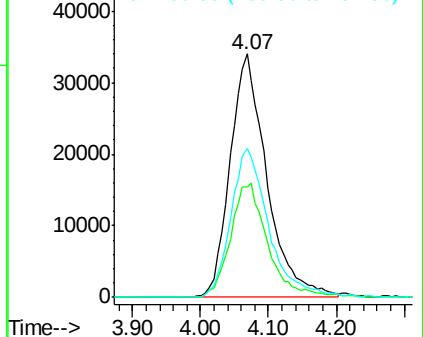
151 63.0 50.8 76.2



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: 20.60 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

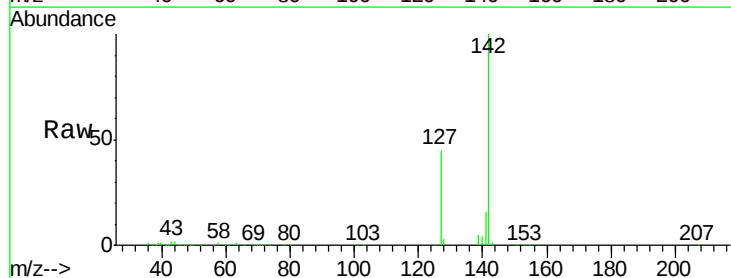
Tgt Ion:142 Resp: 143498

Ion Ratio Lower Upper

142 100

127 47.8 38.2 57.4

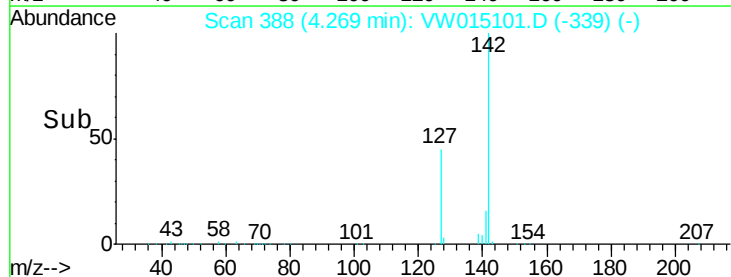
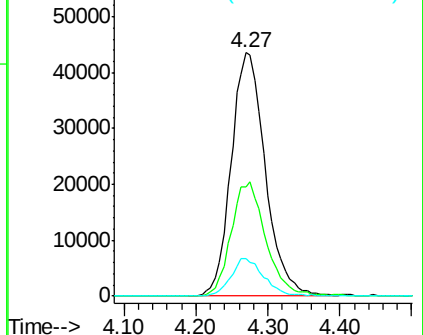
141 14.9 12.0 18.0

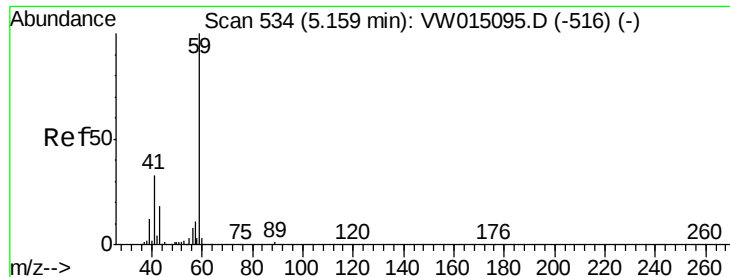


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



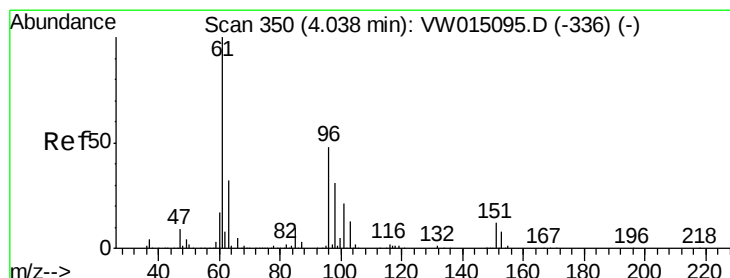
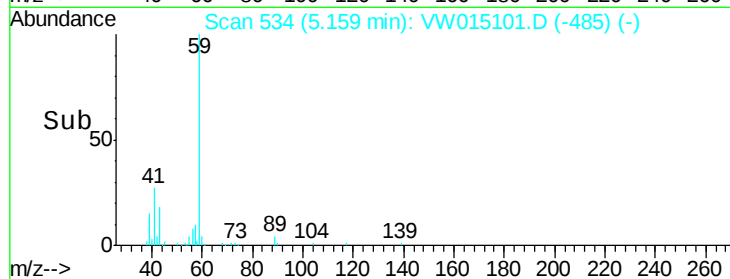
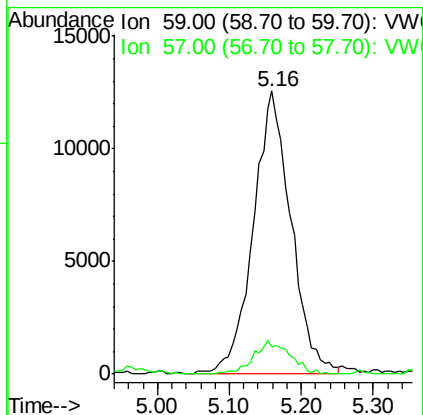
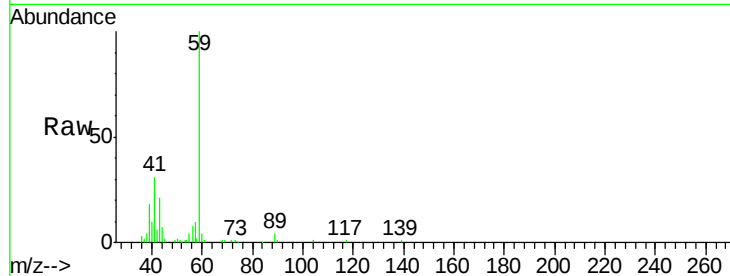


#11

Tert butyl alcohol
 Concen: 112.64 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0309SBSD01

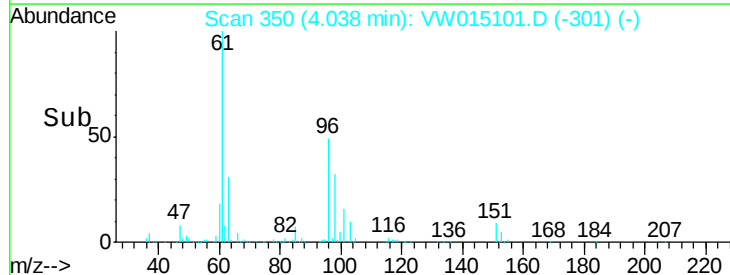
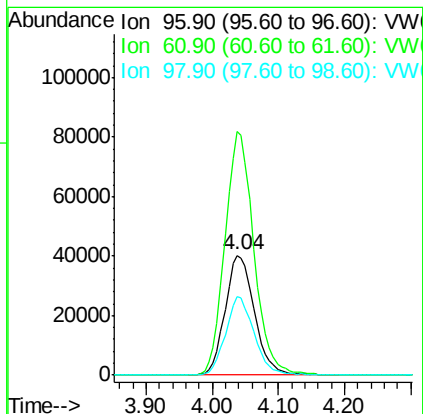
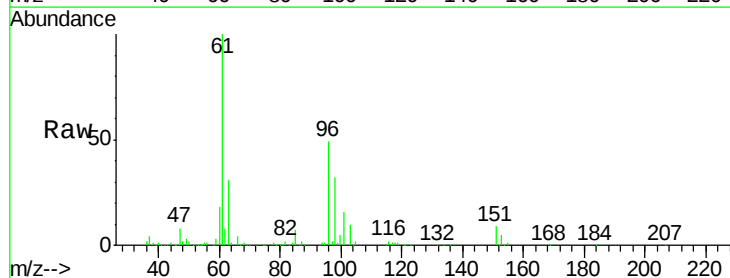
Tgt Ion: 59 Resp: 45854
 Ion Ratio Lower Upper
 59 100
 57 11.3 9.1 13.7

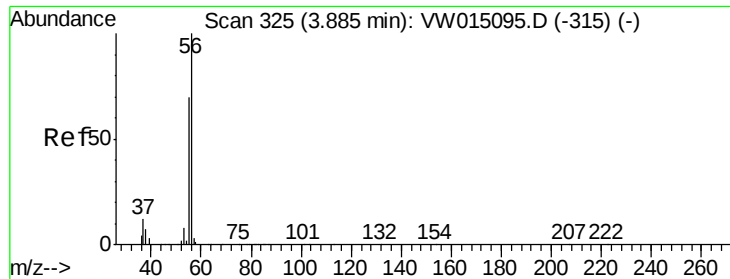


#12

1,1-Dichloroethene
 Concen: 20.24 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

Tgt Ion: 96 Resp: 123869
 Ion Ratio Lower Upper
 96 100
 61 203.4 165.5 248.3
 98 66.0 51.1 76.7





#13

Acrolein

Concen: 99.85 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Instrument :

MSVOA_W

ClientSampleId :

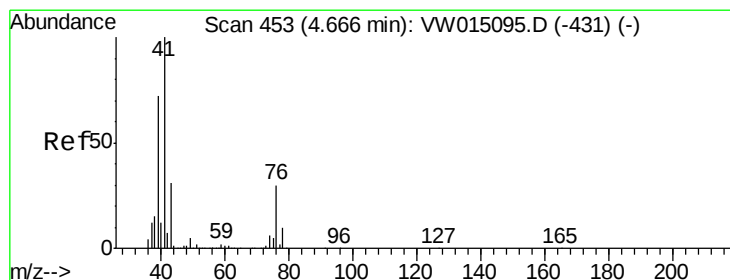
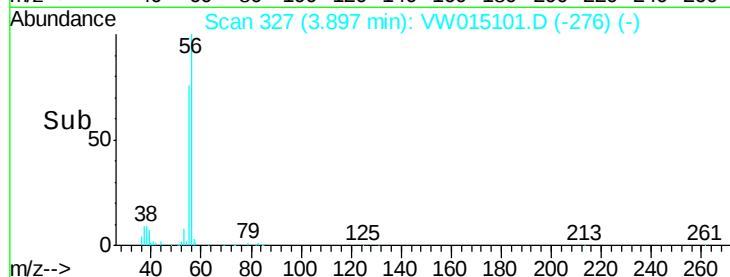
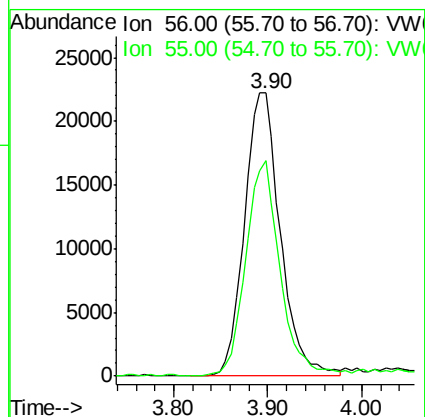
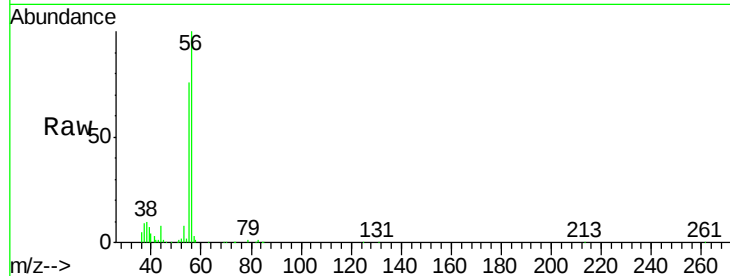
VW0309SBSD01

Tgt Ion: 56 Resp: 59448

Ion Ratio Lower Upper

56 100

55 73.1 55.4 83.2



#14

Allyl chloride

Concen: 20.74 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

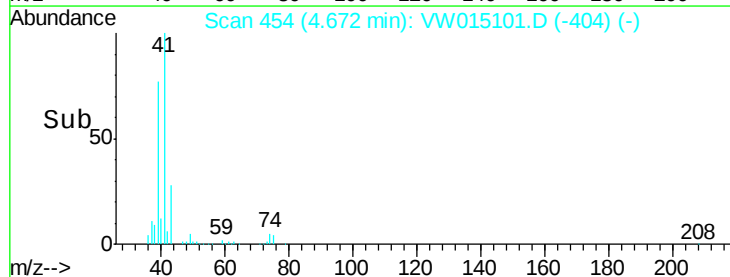
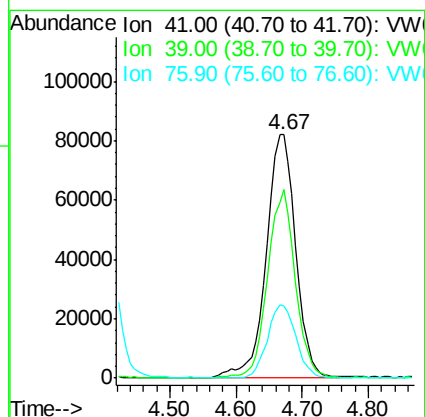
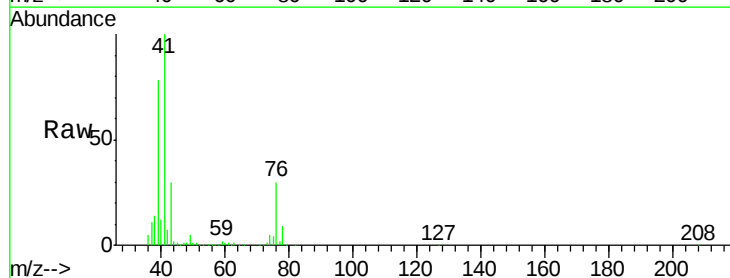
Tgt Ion: 41 Resp: 254334

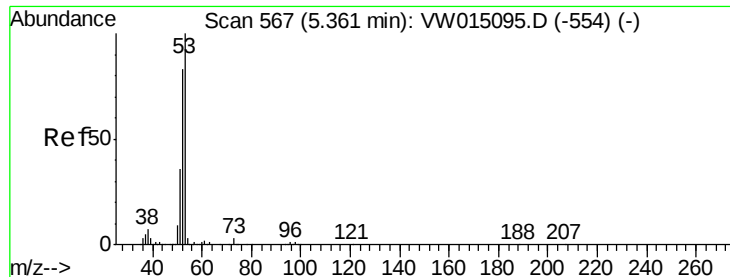
Ion Ratio Lower Upper

41 100

39 72.6 56.9 85.3

76 29.0 23.2 34.8





#15

Acrylonitrile

Concen: 97.44 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Instrument :

MSVOA_W

ClientSampleId :

VW0309SBSD01

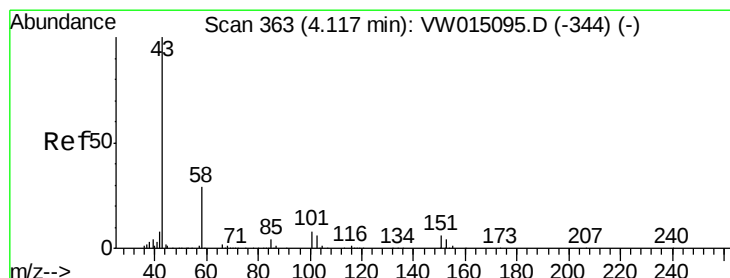
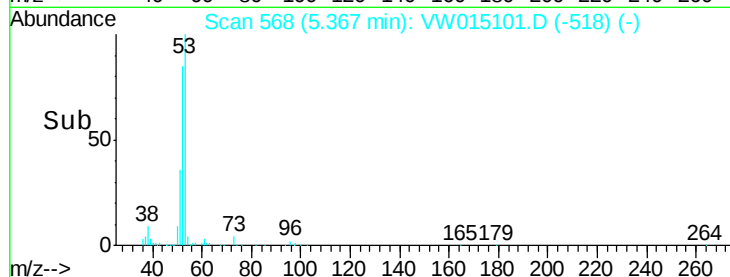
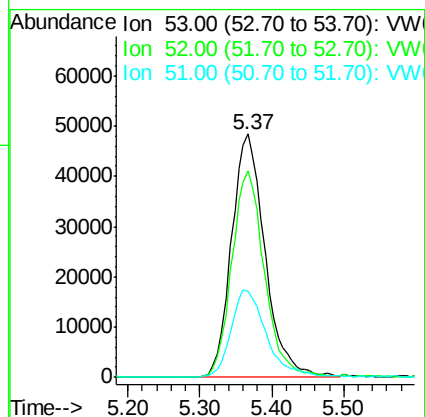
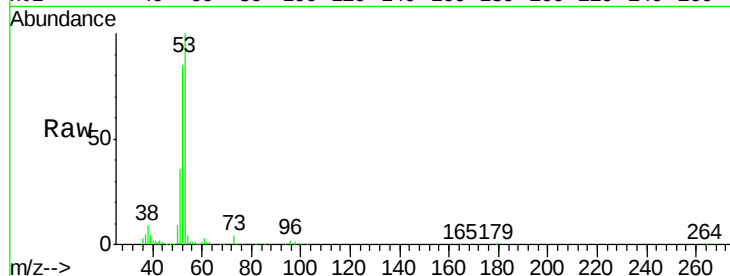
Tgt Ion: 53 Resp: 156294

Ion Ratio Lower Upper

53 100

52 83.1 67.2 100.8

51 38.0 29.8 44.6



#16

Acetone

Concen: 89.96 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW015101.D

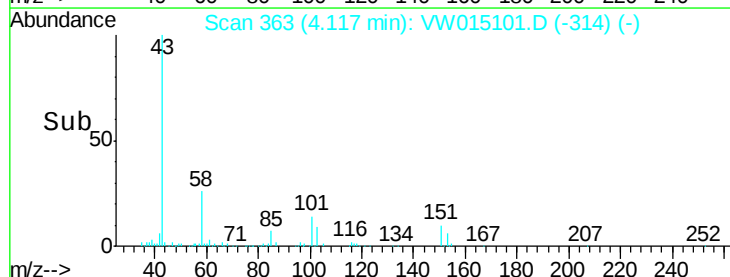
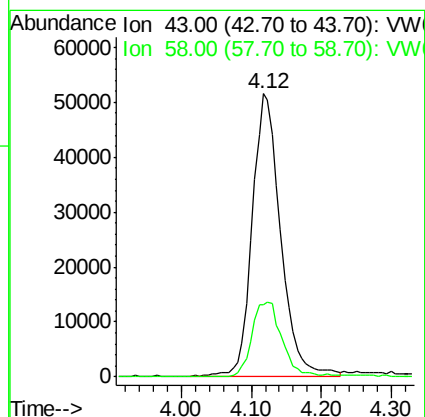
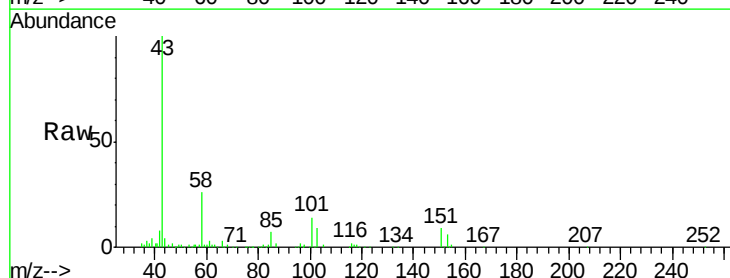
Acq: 09 Mar 2020 16:57

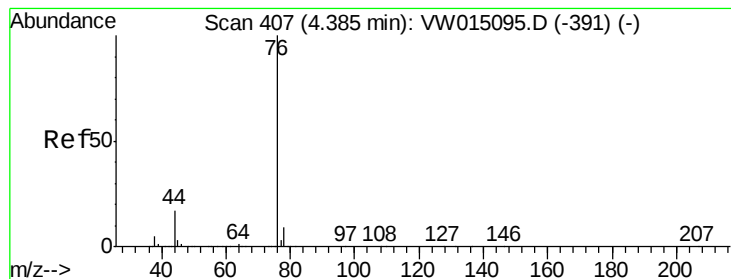
Tgt Ion: 43 Resp: 145314

Ion Ratio Lower Upper

43 100

58 25.5 22.9 34.3





#17

Carbon Disulfide

Concen: 20.04 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Instrument :

MSVOA_W

ClientSampleId :

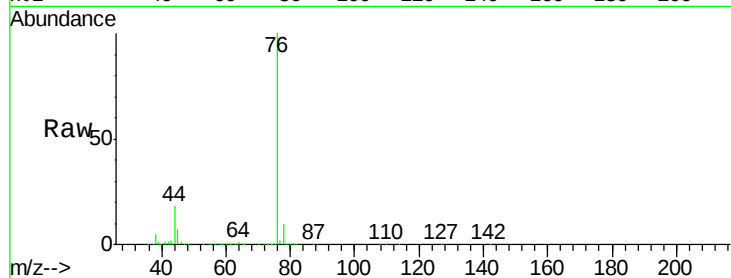
VW0309SBSD01

Tgt Ion: 76 Resp: 434782

Ion Ratio Lower Upper

76 100

78 9.5 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.39

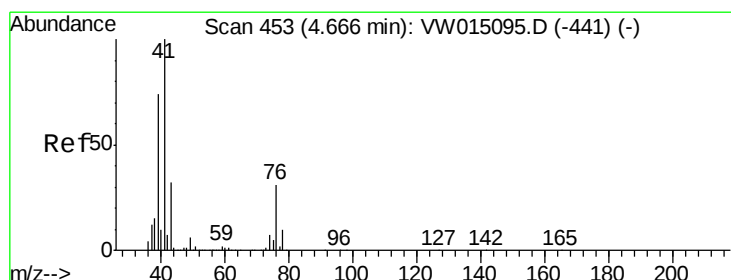
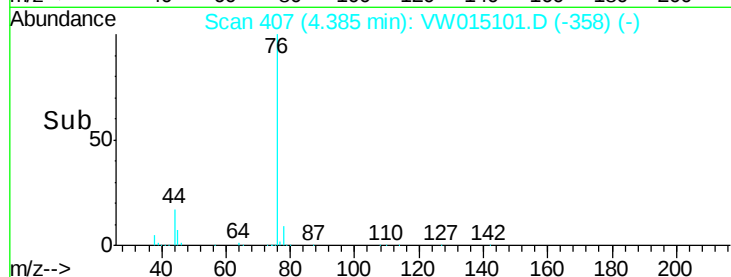
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 19.59 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW015101.D

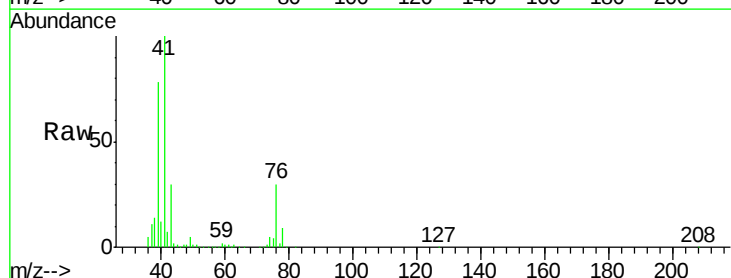
Acq: 09 Mar 2020 16:57

Tgt Ion: 43 Resp: 75030

Ion Ratio Lower Upper

43 100

74 19.6 15.8 23.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

25000

20000

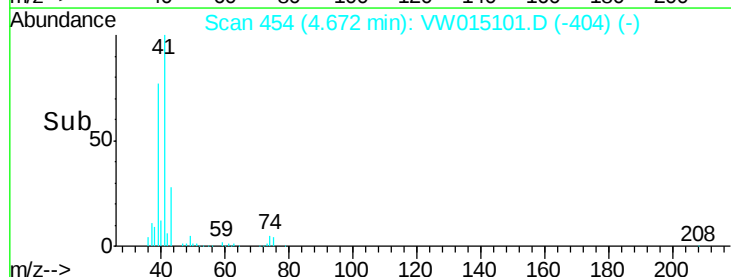
15000

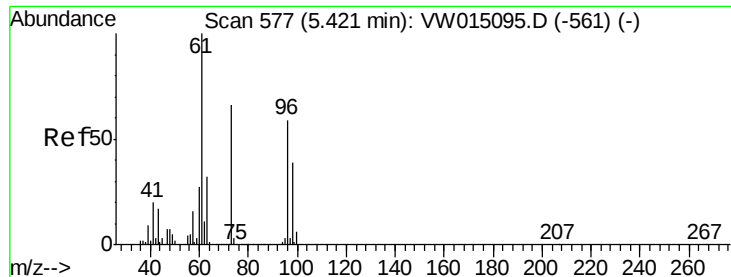
10000

5000

0

Time-->

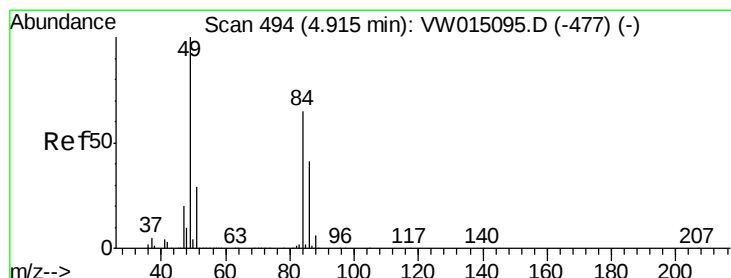
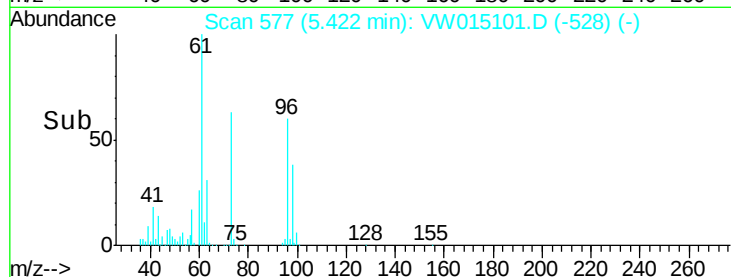
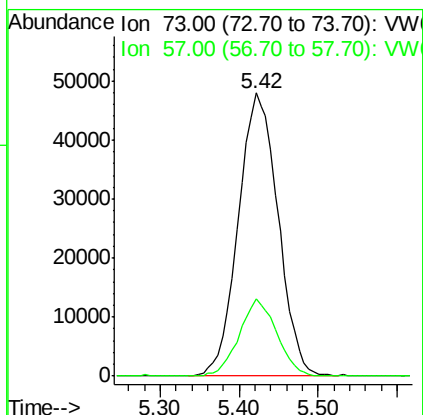
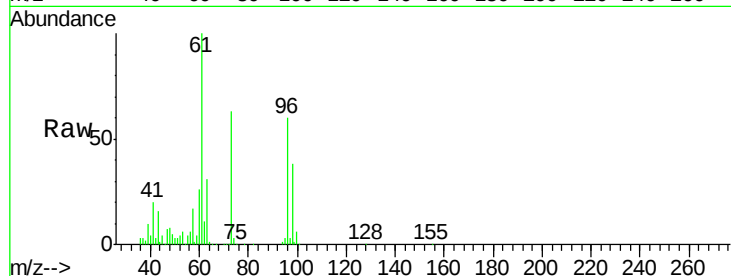




#19
Methyl tert-butyl Ether
Concen: 21.47 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

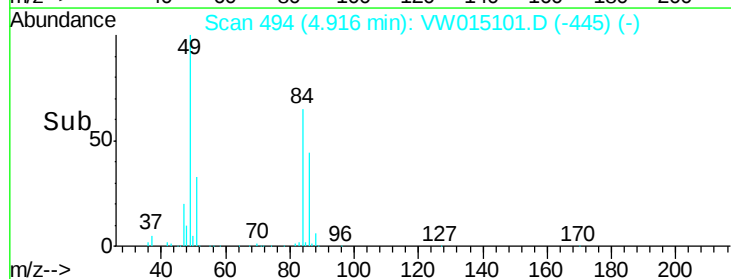
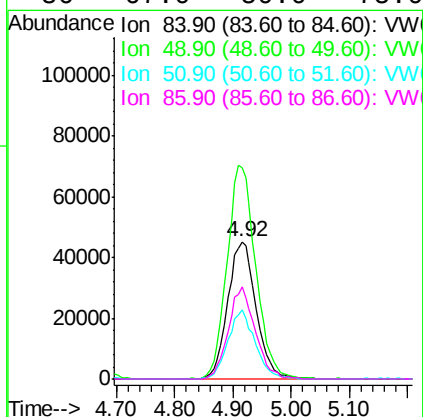
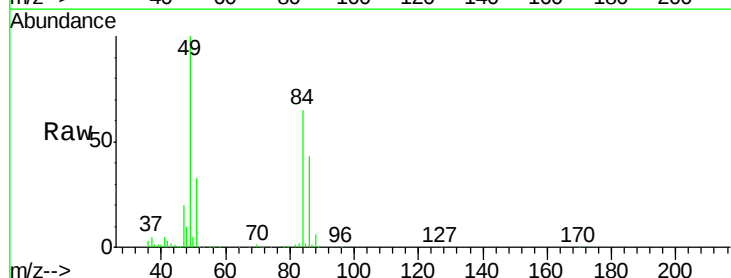
Instrument :
MSVOA_W
ClientSampleId :
VW0309SBSD01

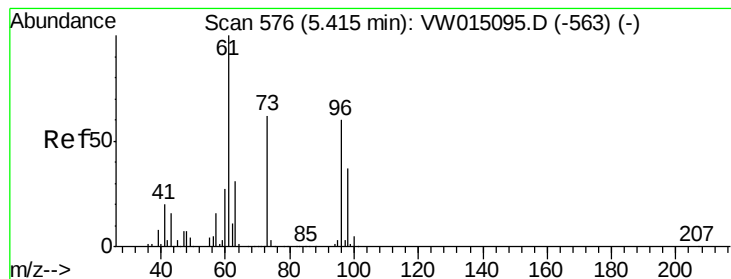
Tgt Ion: 73 Resp: 168234
Ion Ratio Lower Upper
73 100
57 27.4 19.3 28.9



#20
Methylene Chloride
Concen: 20.92 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

Tgt Ion: 84 Resp: 152906
Ion Ratio Lower Upper
84 100
49 154.1 122.8 184.2
51 50.3 35.9 53.9
86 67.0 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 20.64 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Instrument :

MSVOA_W

ClientSampleId :

VW0309SBSD01

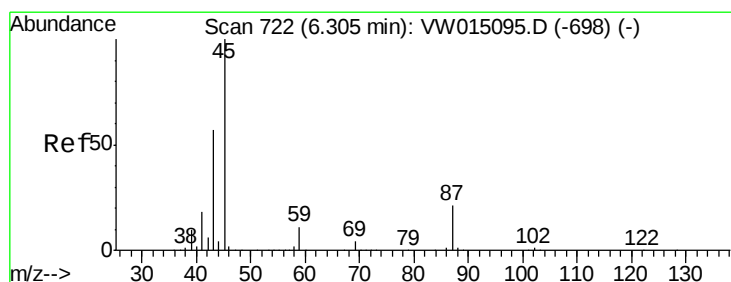
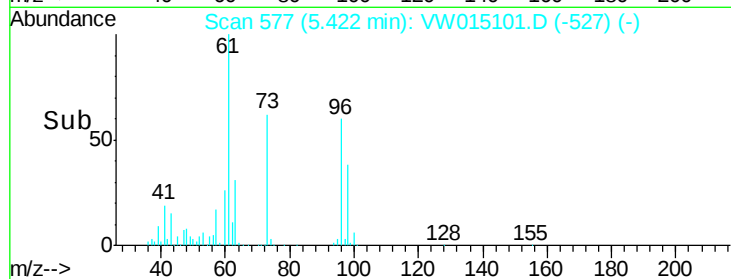
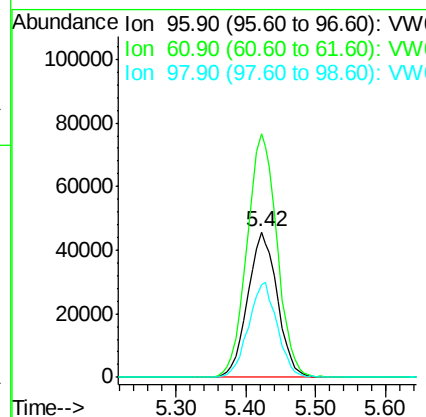
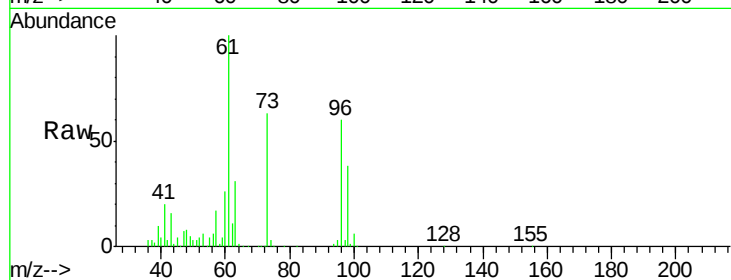
Tgt Ion: 96 Resp: 134129

Ion Ratio Lower Upper

96 100

61 167.3 132.5 198.7

98 63.6 48.9 73.3



#22

Diisopropyl ether

Concen: 21.87 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.01 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Tgt Ion: 45 Resp: 514694

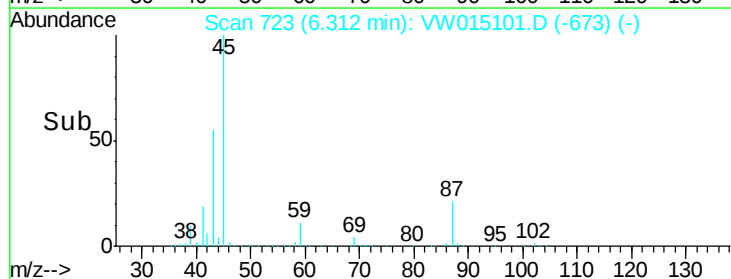
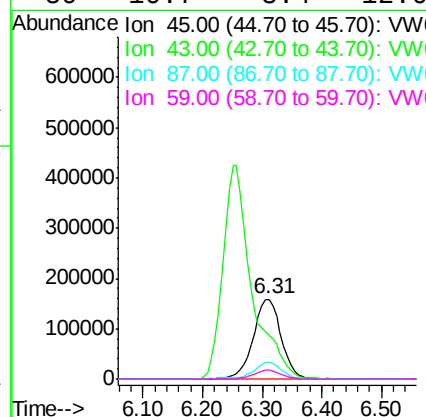
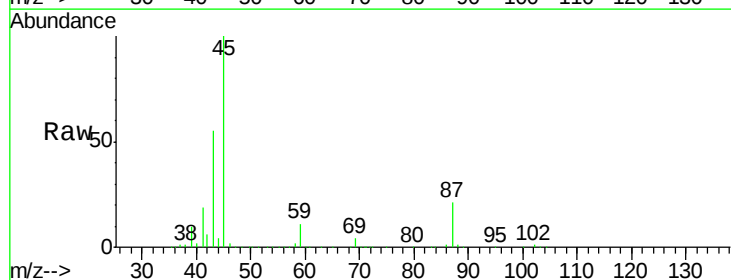
Ion Ratio Lower Upper

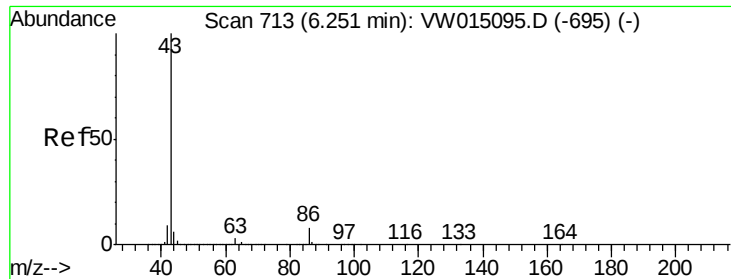
45 100

43 54.6 45.4 68.0

87 20.6 16.4 24.6

59 10.7 8.4 12.6





#23

Vinyl Acetate

Concen: 102.52 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Instrument :

MSVOA_W

ClientSampleId :

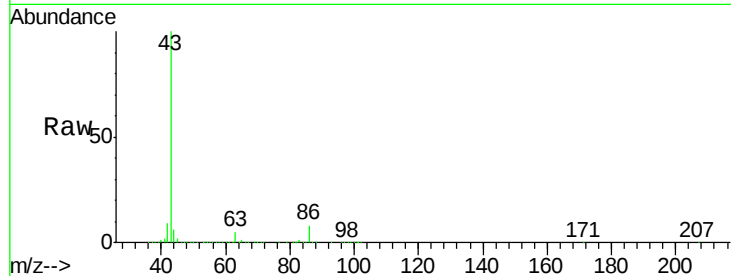
VW0309SBSD01

Tgt Ion: 43 Resp: 1424372

Ion Ratio Lower Upper

43 100

86 8.1 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

400000

300000

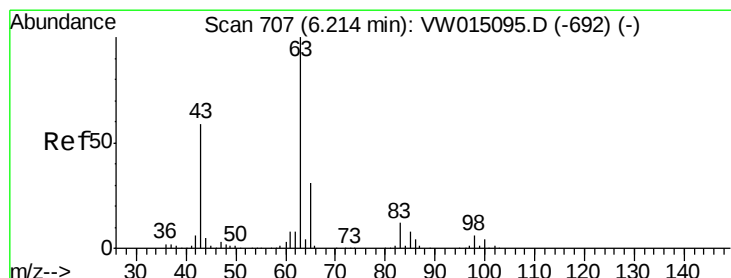
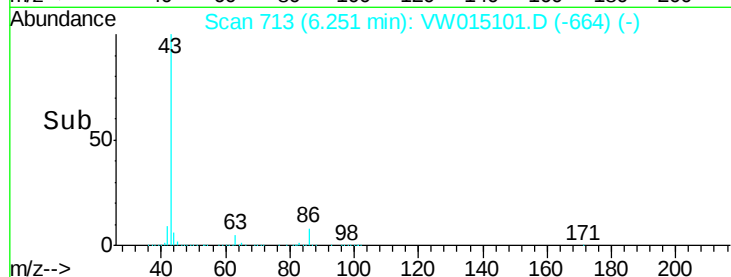
200000

100000

0

Time-->

6.10 6.20 6.30 6.40



#24

1,1-Dichloroethane

Concen: 20.79 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

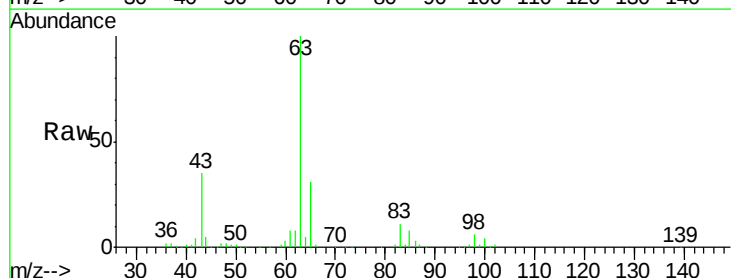
Tgt Ion: 63 Resp: 285329

Ion Ratio Lower Upper

63 100

98 5.9 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

120000

100000

80000

60000

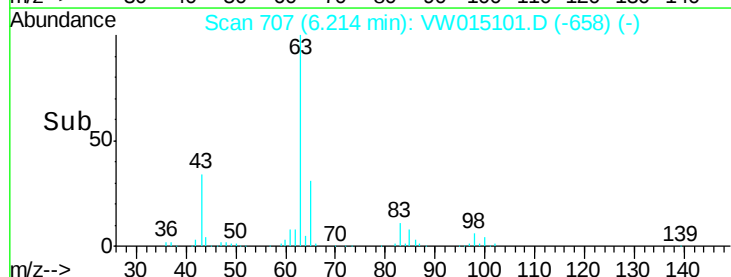
40000

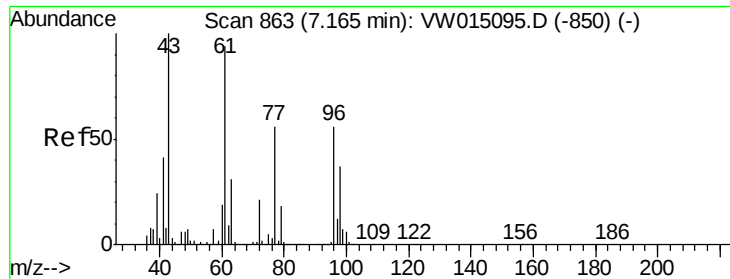
20000

0

Time-->

6.10 6.20 6.30 6.40

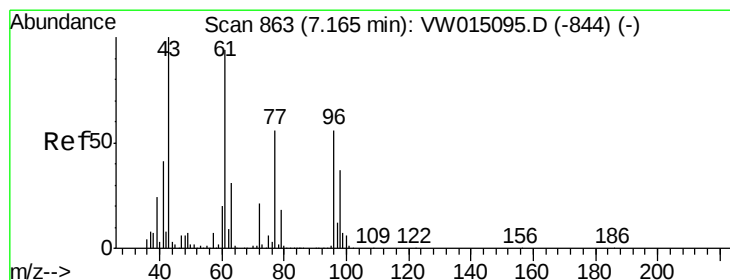
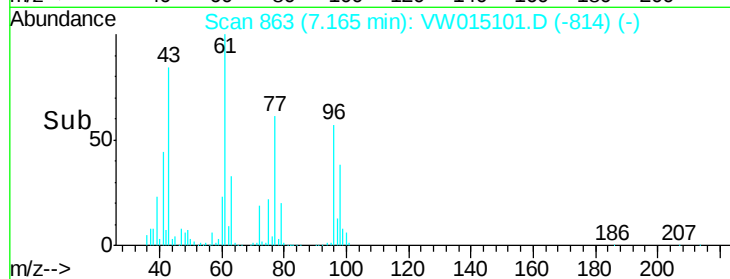
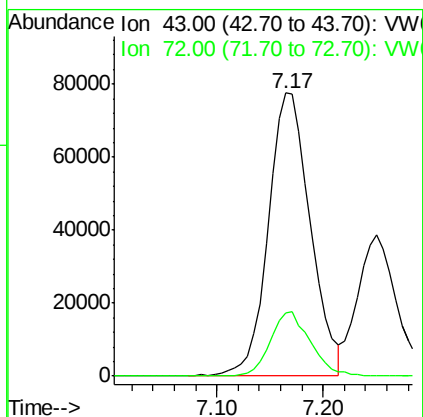
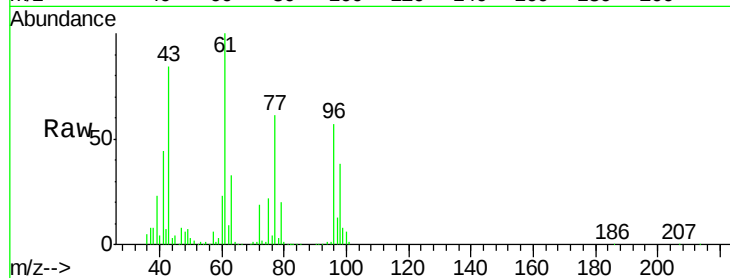




#25
 2-Butanone
 Concen: 95.40 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

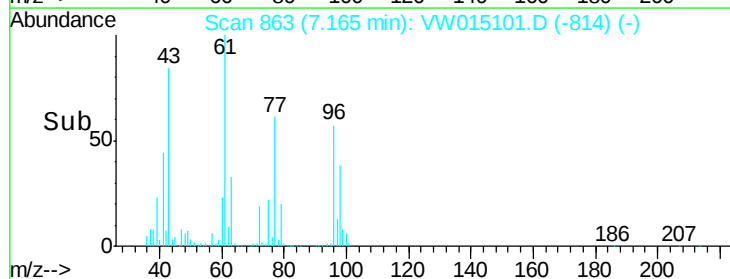
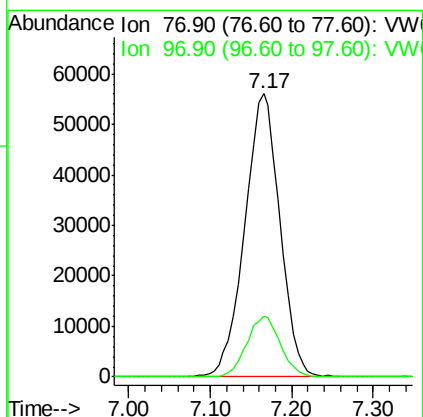
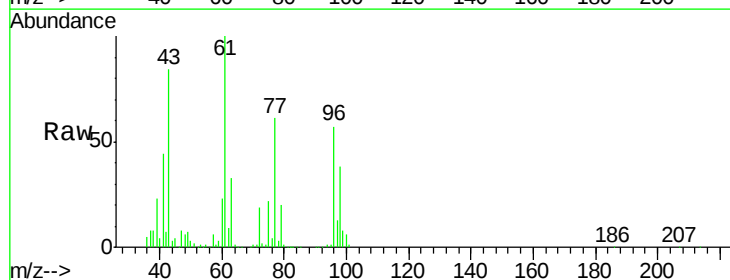
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0309SBSD01

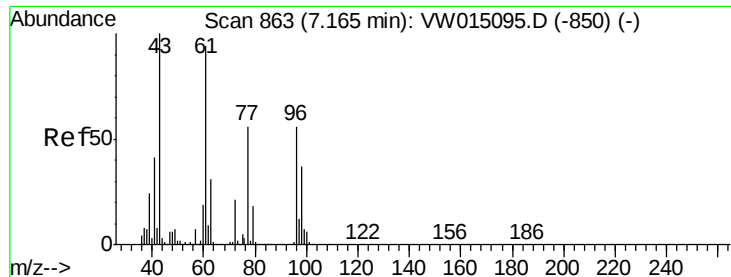
Tgt Ion: 43 Resp: 211274
 Ion Ratio Lower Upper
 43 100
 72 22.2 17.0 25.6



#26
 2,2-Dichloropropane
 Concen: 21.45 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

Tgt Ion: 77 Resp: 168370
 Ion Ratio Lower Upper
 77 100
 97 20.4 10.6 31.8



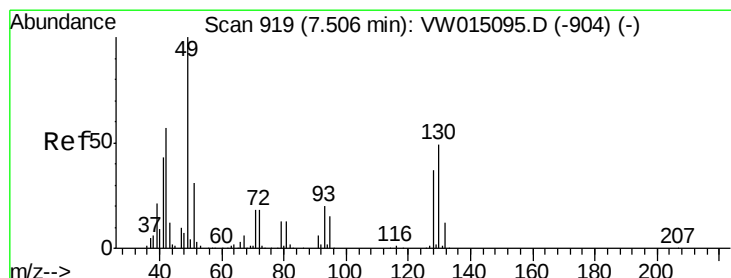
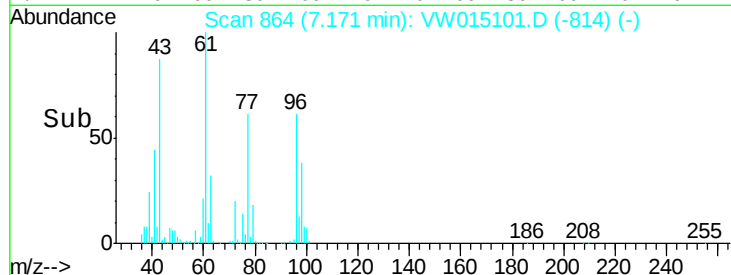
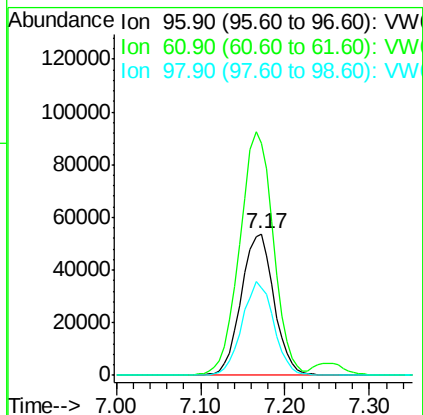
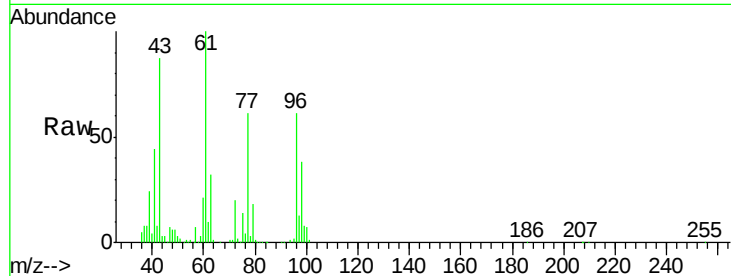


#27

cis-1,2-Dichloroethene
Concen: 20.85 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

Instrument :
MSVOA_W
ClientSampleId :
VW0309SBSD01

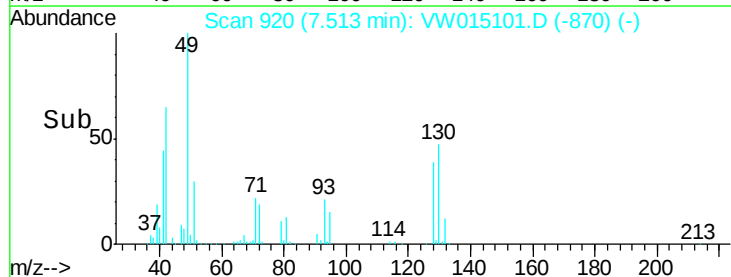
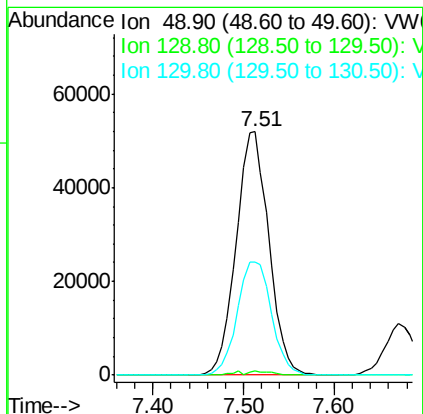
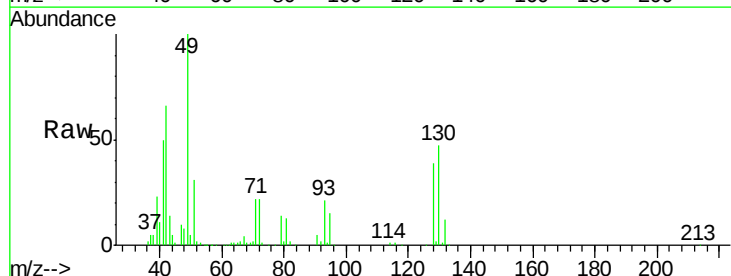
Tgt Ion: 96 Resp: 141035
Ion Ratio Lower Upper
96 100
61 177.5 0.0 343.4
98 64.5 0.0 127.6

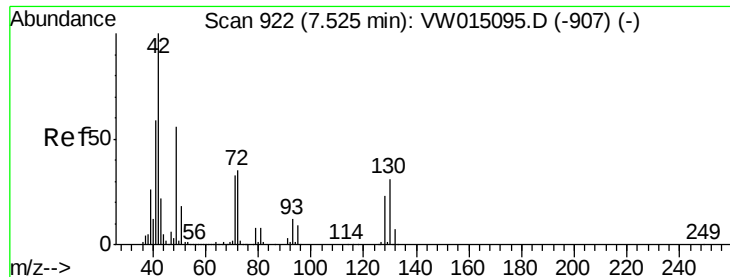


#28

Bromochloromethane
Concen: 19.79 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

Tgt Ion: 49 Resp: 130151
Ion Ratio Lower Upper
49 100
129 1.1 0.0 3.0
130 48.6 39.8 59.6

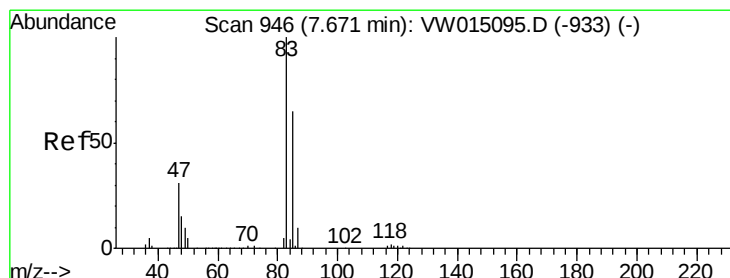
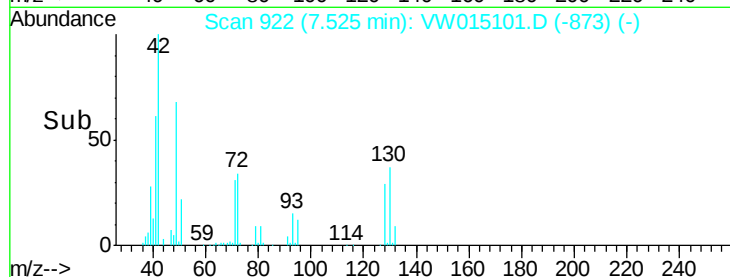
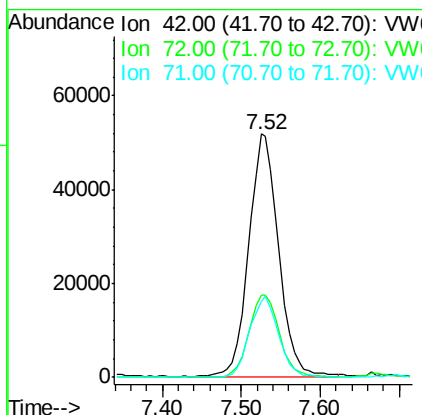
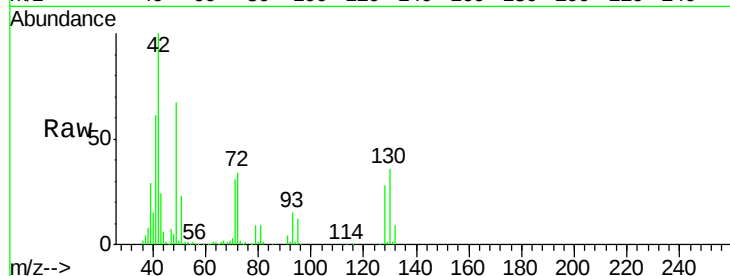




#29
Tetrahydrofuran
Concen: 97.59 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

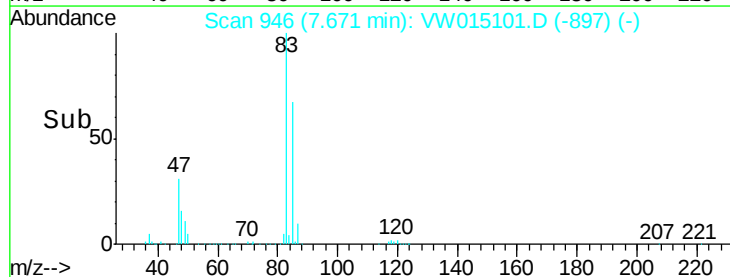
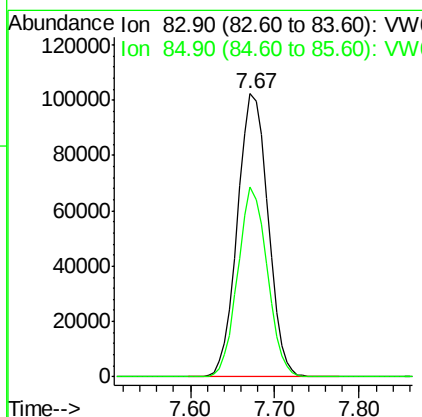
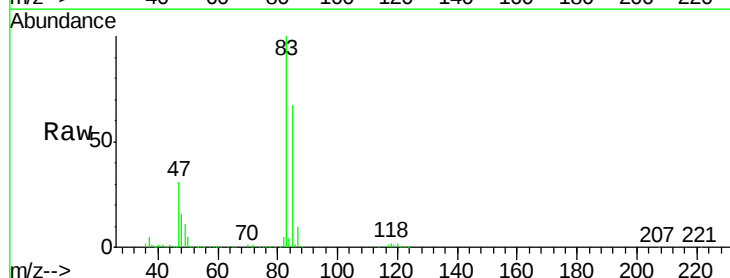
Instrument :
MSVOA_W
ClientSampled :
VW0309SBSD01

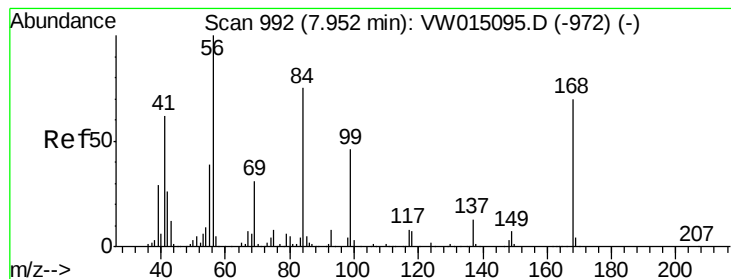
Tgt Ion: 42 Resp: 135178
Ion Ratio Lower Upper
42 100
72 35.2 27.8 41.6
71 32.6 26.4 39.6



#30
Chloroform
Concen: 20.63 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

Tgt Ion: 83 Resp: 251309
Ion Ratio Lower Upper
83 100
85 67.0 51.9 77.9





#31

Cyclohexane

Concen: 20.56 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Instrument :

MSVOA_W

ClientSampleId :

VW0309SBSD01

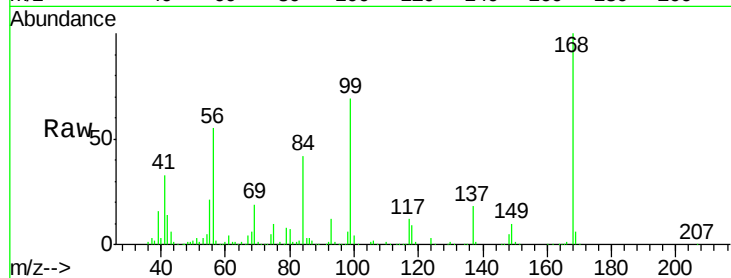
Tgt Ion: 56 Resp: 290146

Ion Ratio Lower Upper

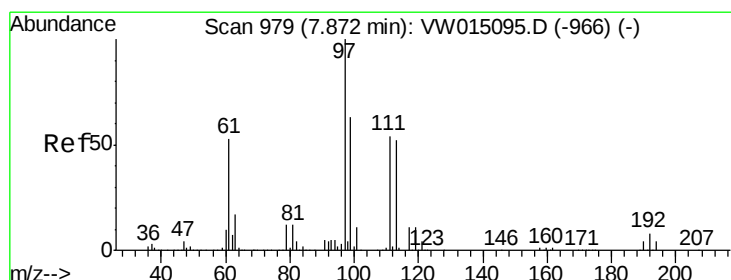
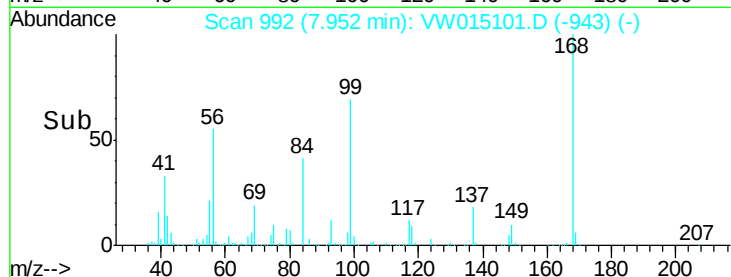
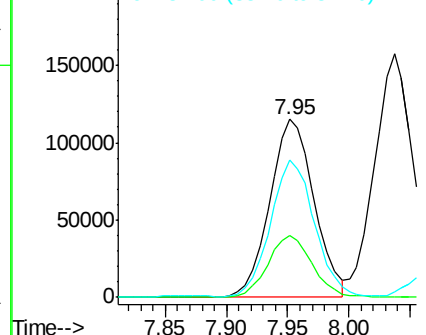
56 100

69 34.6 24.6 37.0

84 76.0 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: 20.70 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

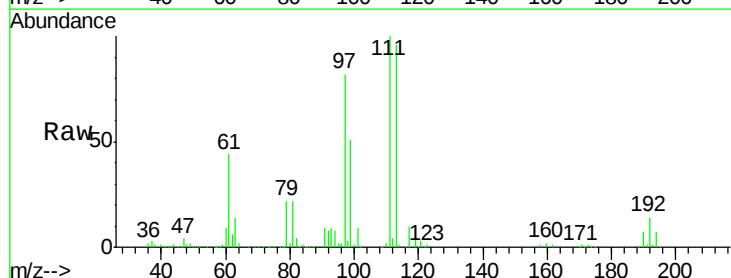
Tgt Ion: 97 Resp: 196813

Ion Ratio Lower Upper

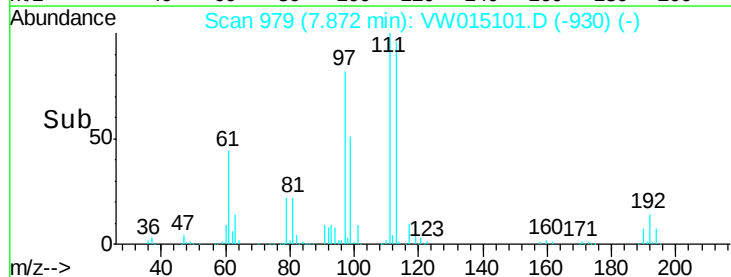
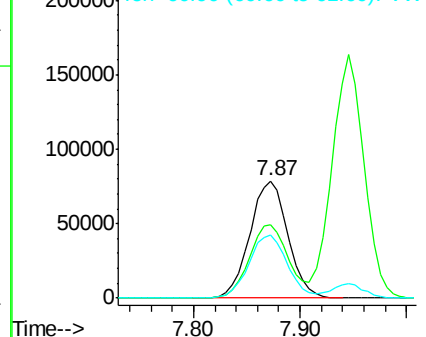
97 100

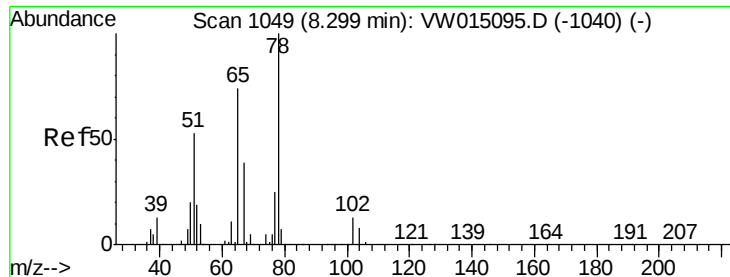
99 65.3 51.3 76.9

61 54.6 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

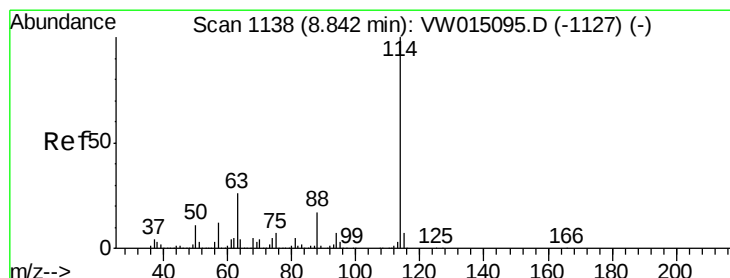
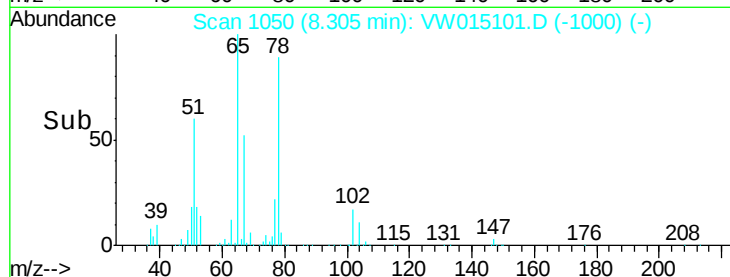
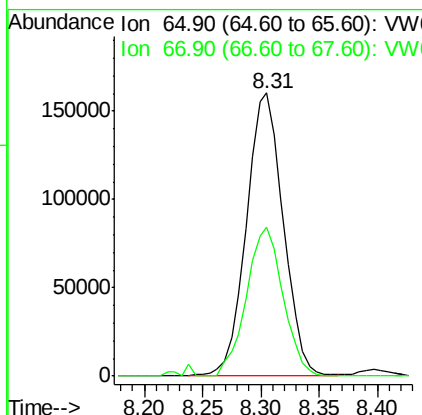
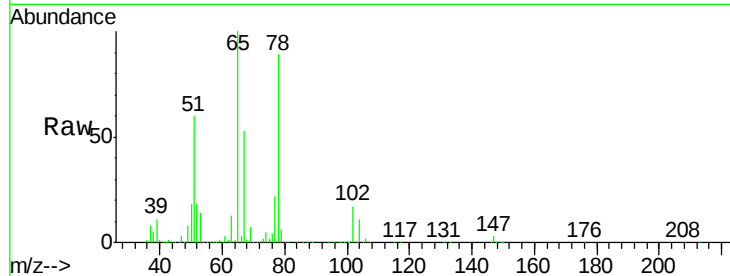




#33
 1,2-Dichloroethane-d4
 Concen: 49.93 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

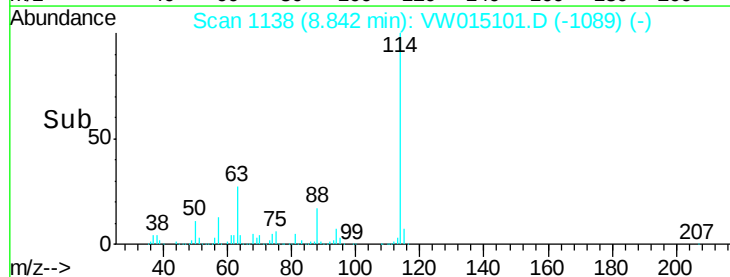
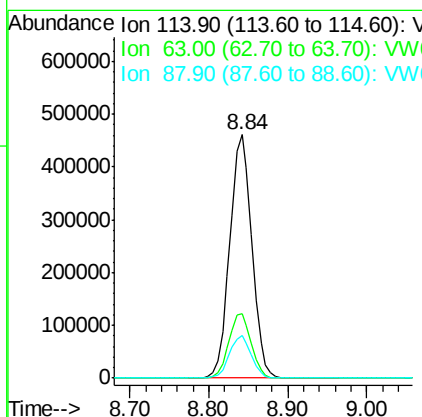
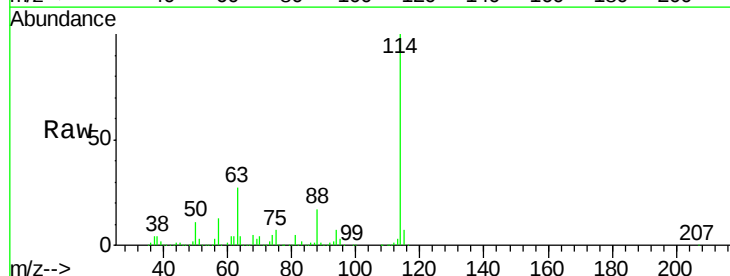
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0309SBS01

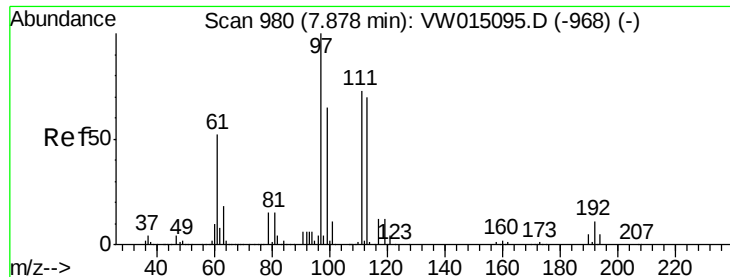
Tgt Ion: 65 Resp: 353647
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

Tgt Ion: 114 Resp: 897653
 Ion Ratio Lower Upper
 114 100
 63 26.5 0.0 52.0
 88 17.4 0.0 34.2

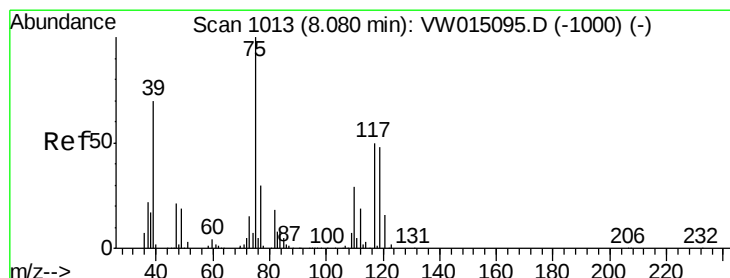
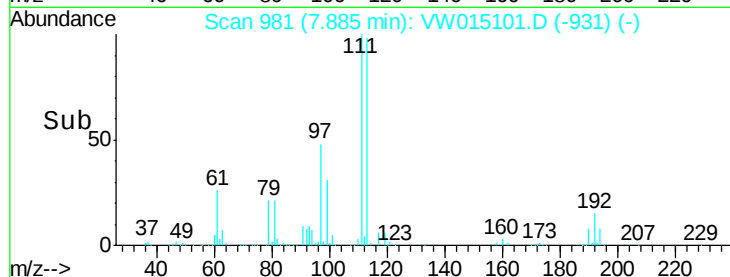
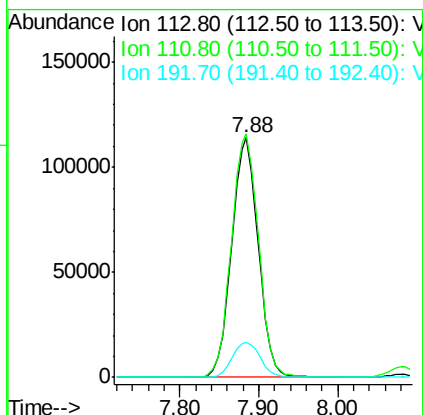
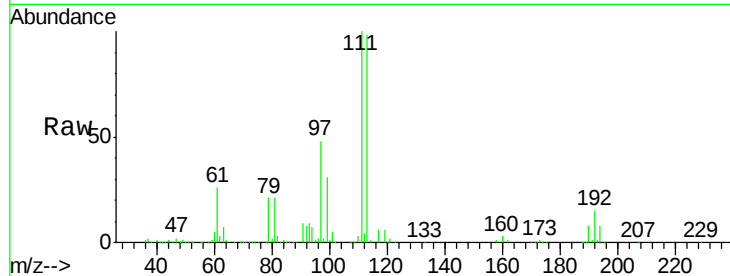




#35
 Dibromofluoromethane
 Concen: 49.56 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

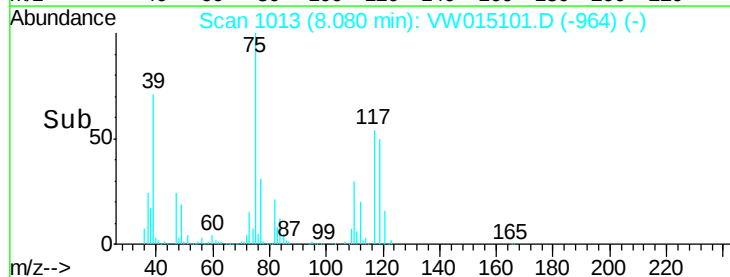
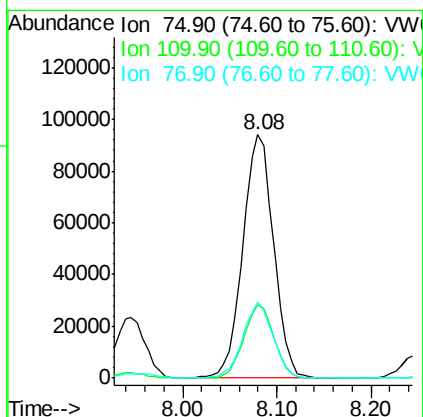
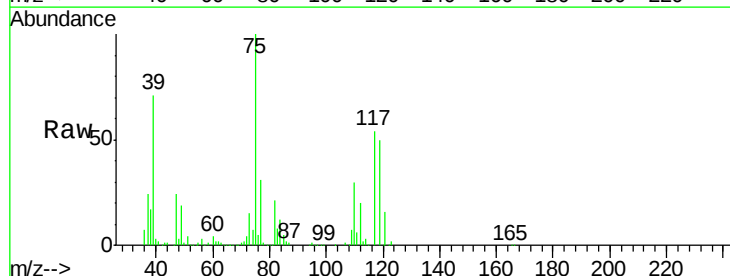
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0309SBSD01

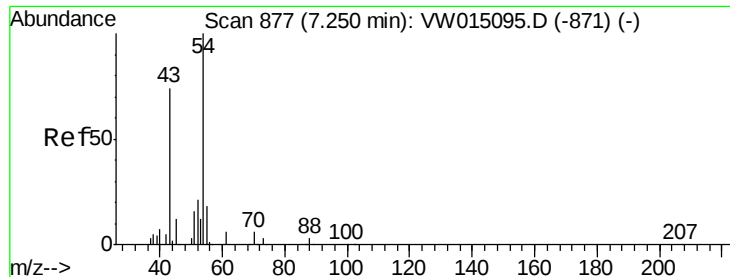
Tgt Ion:113 Resp: 266323
 Ion Ratio Lower Upper
 113 100
 111 103.9 83.6 125.4
 192 15.5 12.4 18.6



#36
 1,1-Dichloropropene
 Concen: 20.46 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

Tgt Ion: 75 Resp: 213026
 Ion Ratio Lower Upper
 75 100
 110 29.6 14.7 44.1
 77 31.0 24.2 36.4

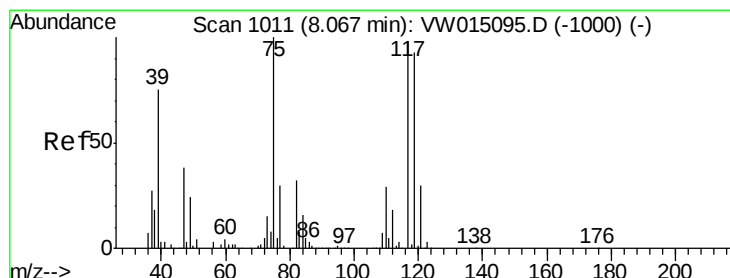
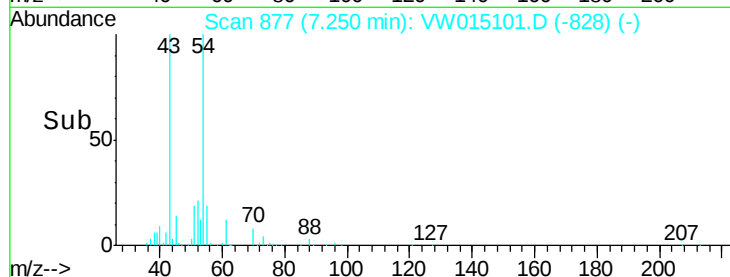
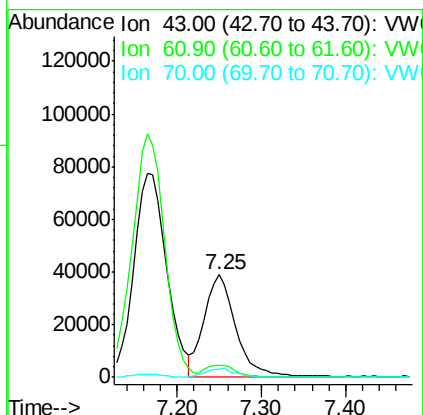
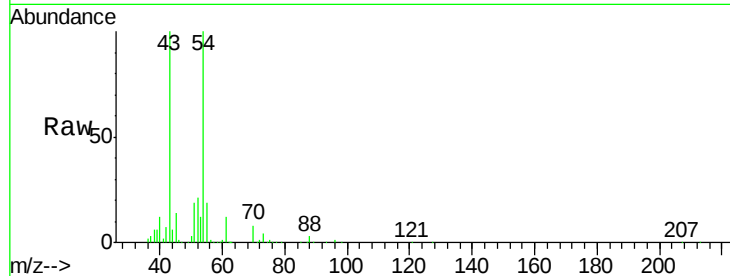




#37
Ethyl Acetate
Concen: 19.46 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

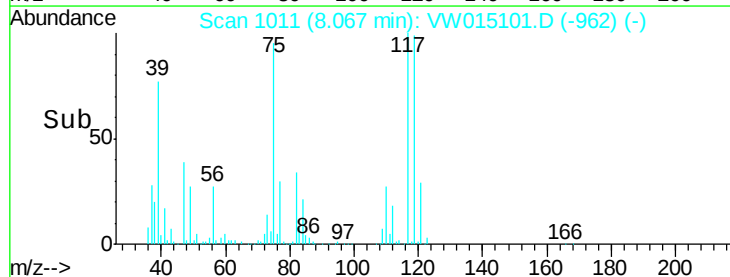
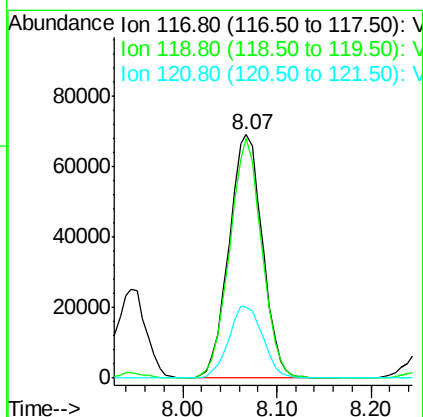
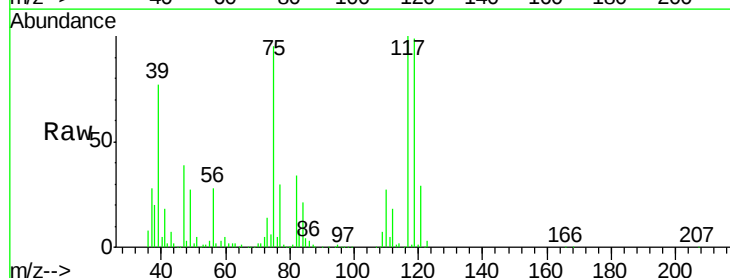
Instrument :
MSVOA_W
ClientSampleId :
VW0309SBSD01

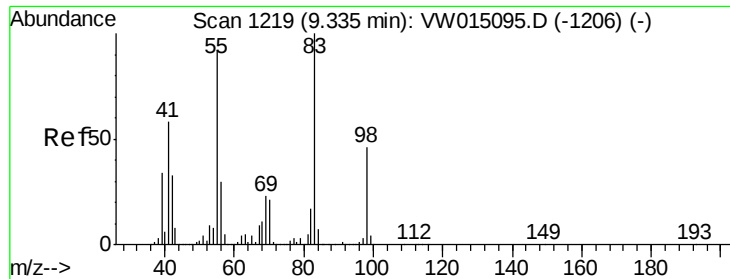
Tgt Ion: 43 Resp: 100972
Ion Ratio Lower Upper
43 100
61 11.3 9.6 14.4
70 8.4 6.5 9.7



#38
Carbon Tetrachloride
Concen: 20.18 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

Tgt Ion: 117 Resp: 171021
Ion Ratio Lower Upper
117 100
119 98.6 75.8 113.8
121 29.3 24.5 36.7

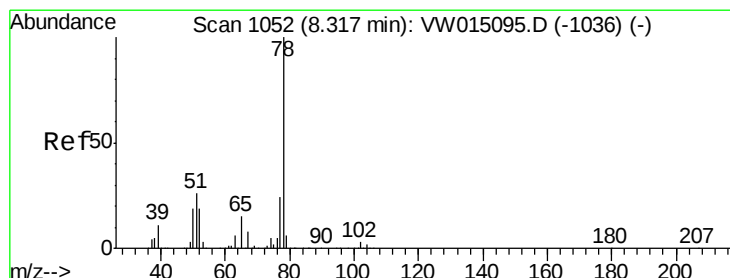
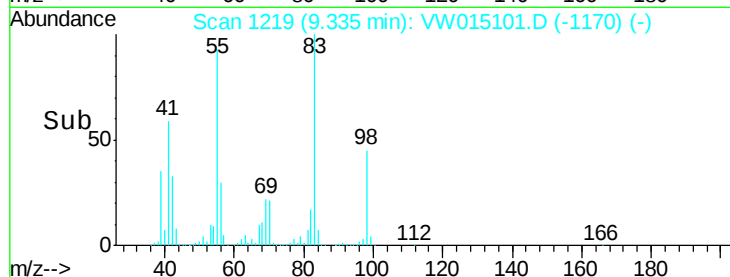
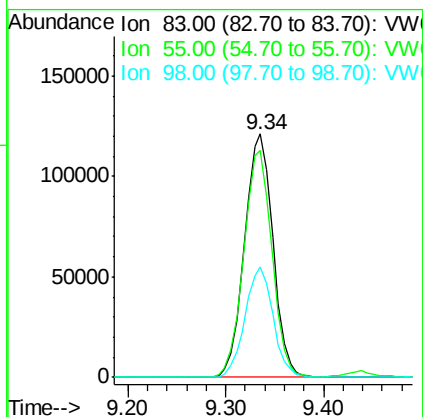
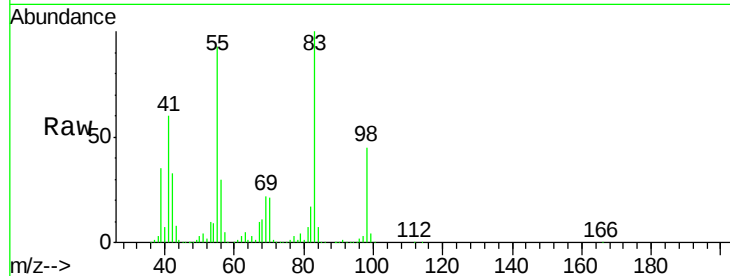




#39
Methylcyclohexane
Concen: 20.48 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

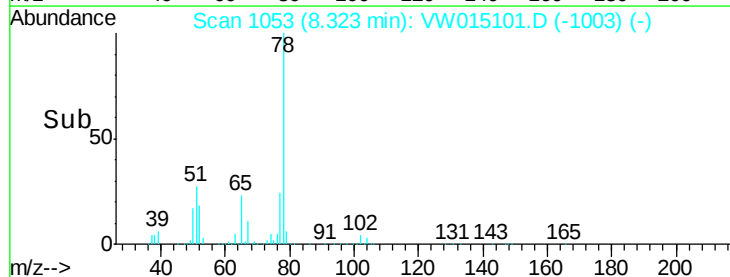
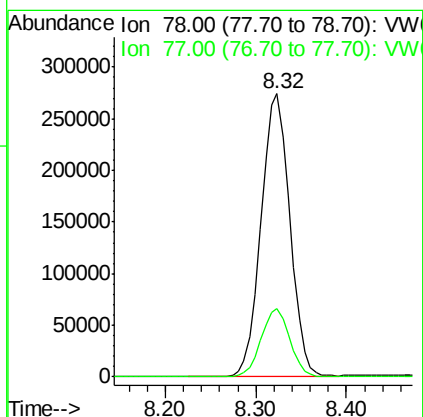
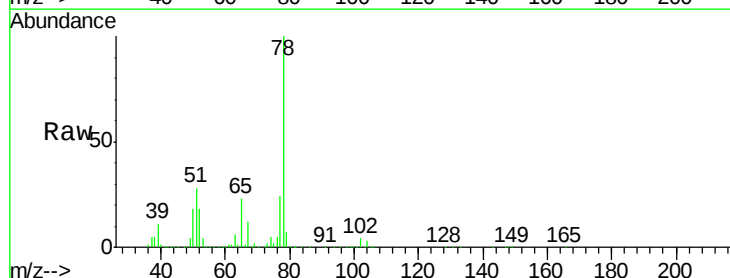
Instrument :
MSVOA_W
ClientSampleId :
VW0309SBSD01

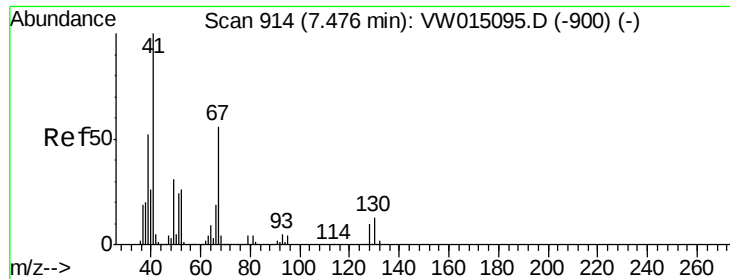
Tgt Ion: 83 Resp: 243762
Ion Ratio Lower Upper
83 100
55 93.4 73.5 110.3
98 45.3 37.2 55.8



#40
Benzene
Concen: 20.82 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

Tgt Ion: 78 Resp: 602380
Ion Ratio Lower Upper
78 100
77 23.8 19.5 29.3

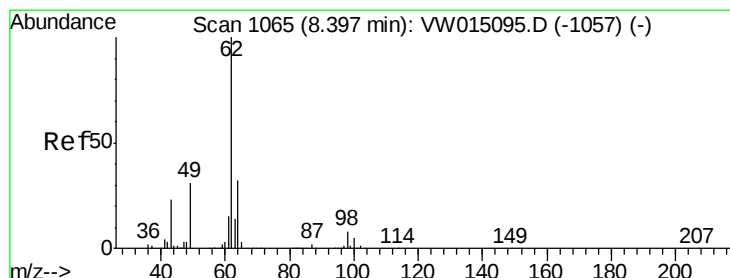
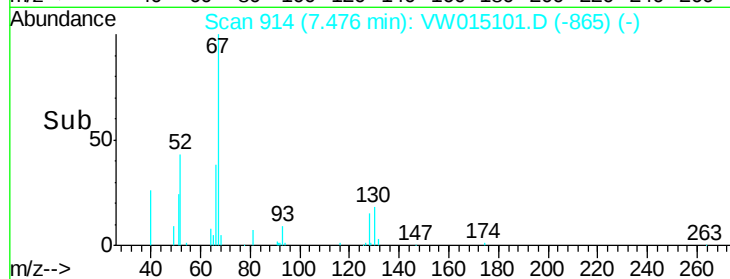
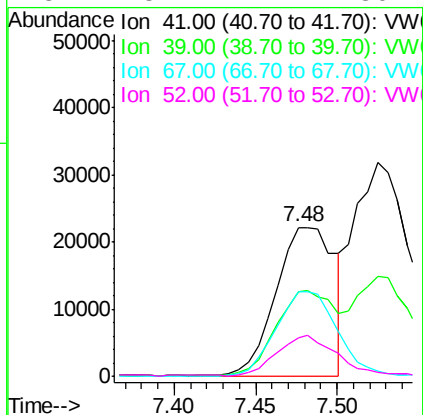
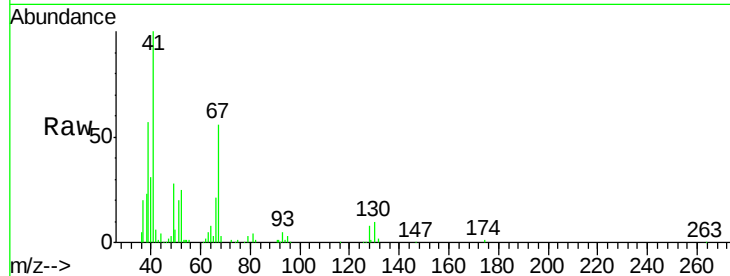




#41
Methacrylonitrile
Concen: 20.09 ug/l
RT: 7.48 min Scan# 914
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

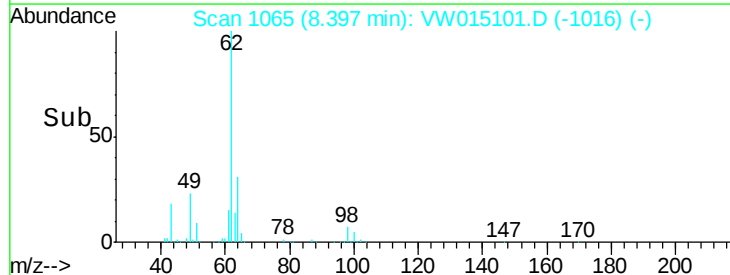
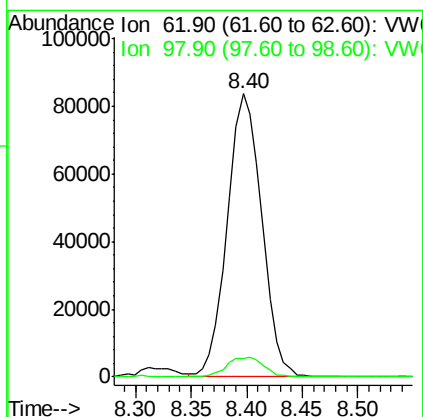
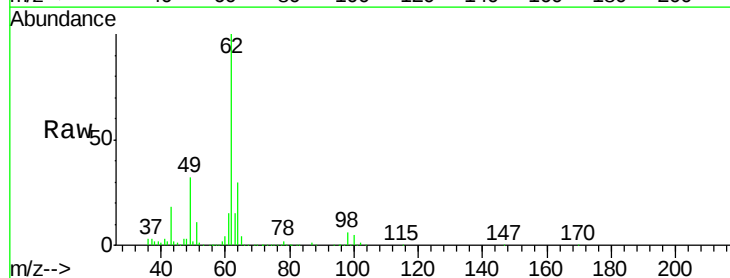
Instrument :
MSVOA_W
ClientSampleId :
VW0309SBSD01

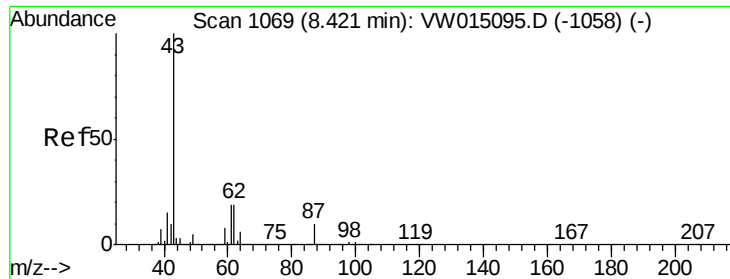
Tgt Ion:	41	Resp:	55137
Ion	Ratio	Lower	Upper
41	100		
39	56.1	49.0	73.4
67	60.0	50.4	75.6
52	28.1	24.2	36.4



#42
1,2-Dichloroethane
Concen: 20.25 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

Tgt Ion:	62	Resp:	178448
Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	16.0





#43

Isopropyl Acetate

Concen: 19.73 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Instrument :

MSVOA_W

ClientSampleId :

VW0309SBSD01

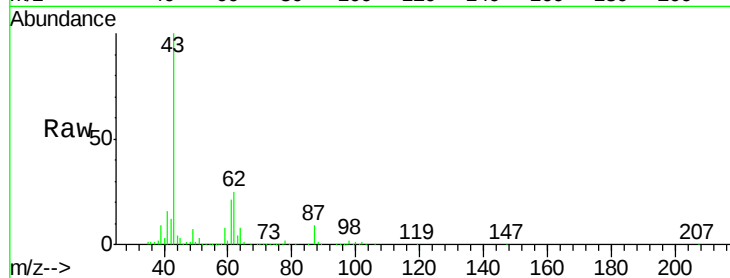
Tgt Ion: 43 Resp: 183537

Ion Ratio Lower Upper

43 100

61 28.2 21.8 32.8

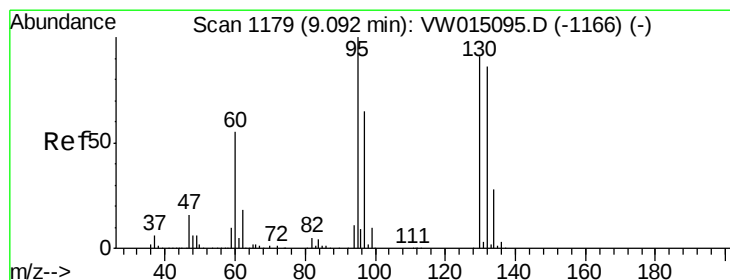
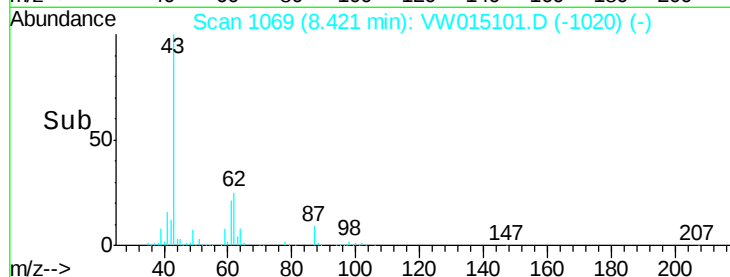
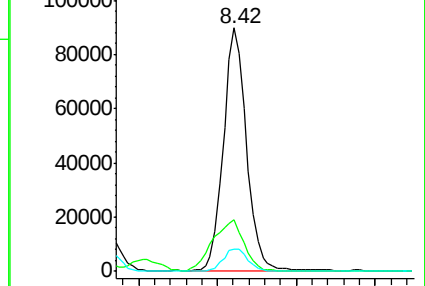
87 9.8 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 20.23 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW015101.D

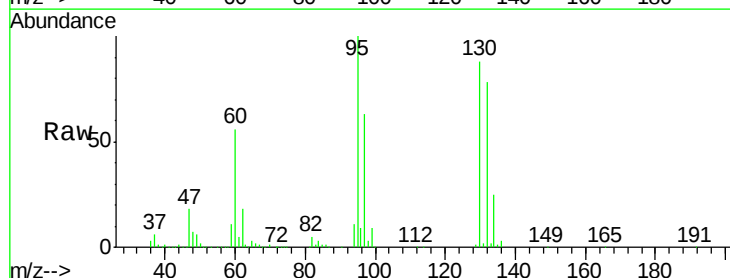
Acq: 09 Mar 2020 16:57

Tgt Ion: 130 Resp: 124578

Ion Ratio Lower Upper

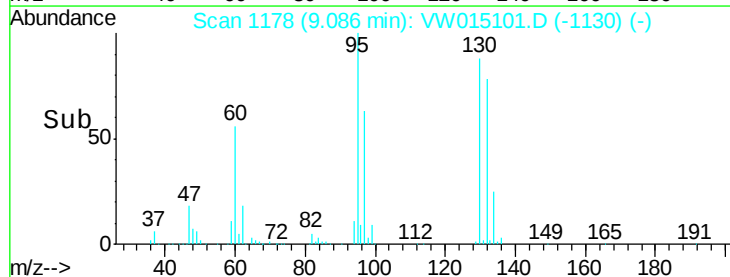
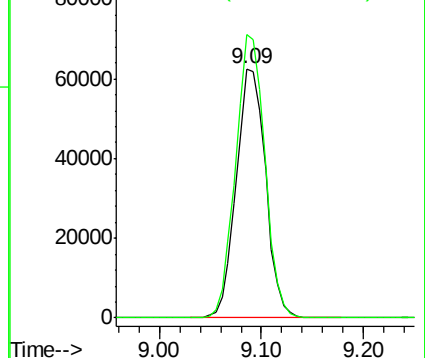
130 100

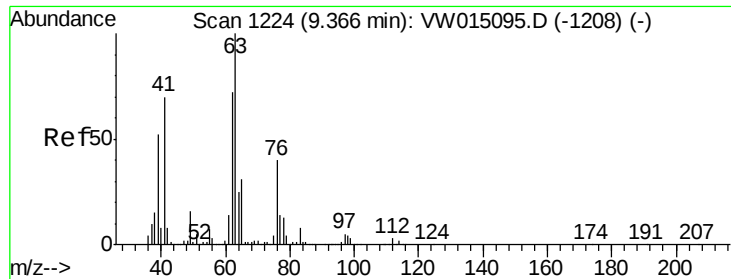
95 113.5 0.0 219.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

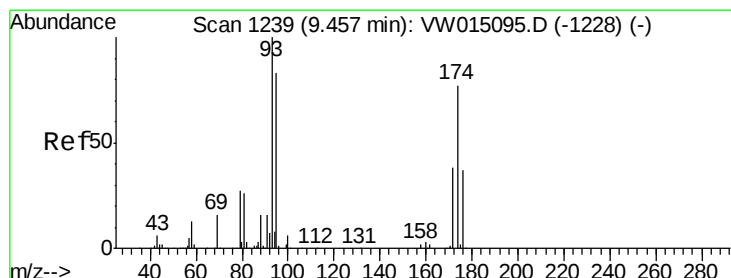
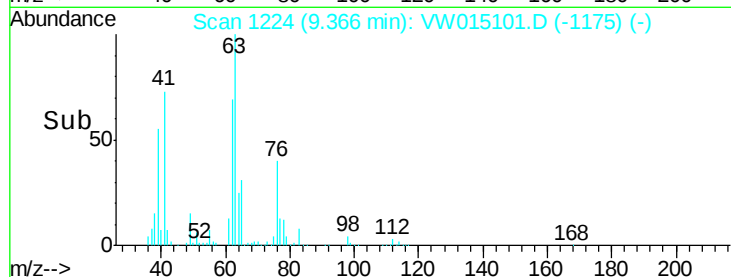
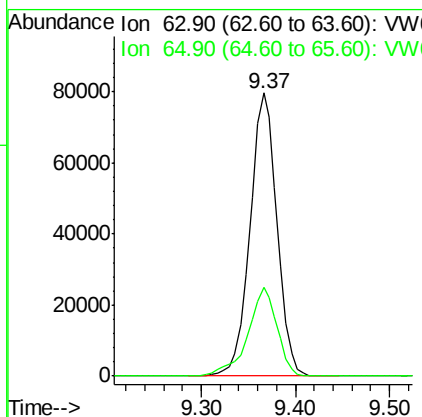
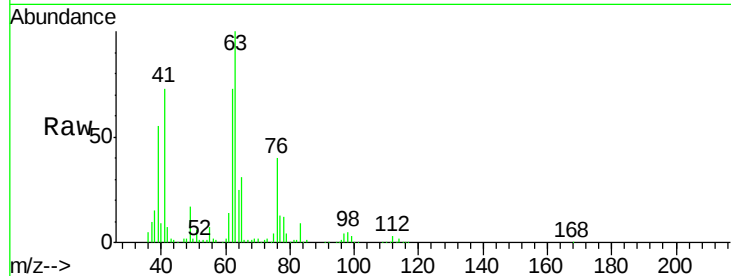




#45
 1,2-Dichloropropane
 Concen: 20.58 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

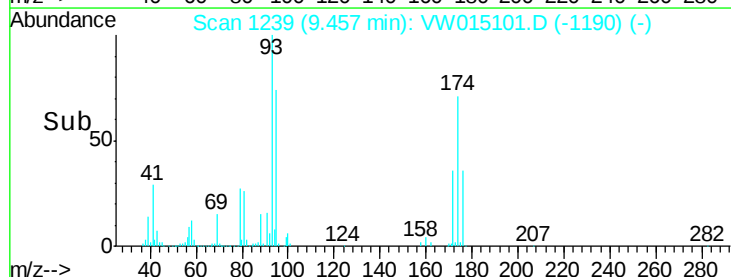
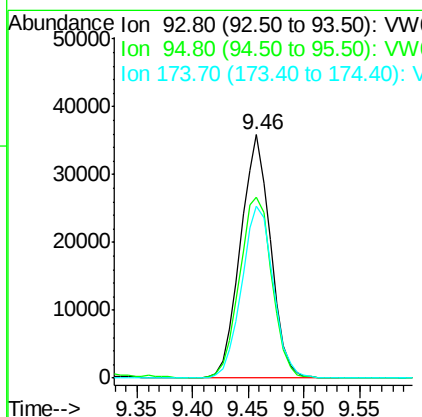
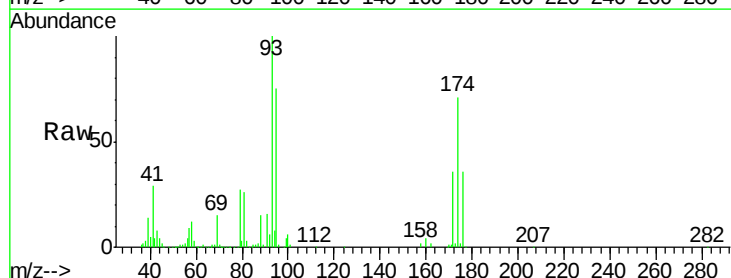
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0309SBSD01

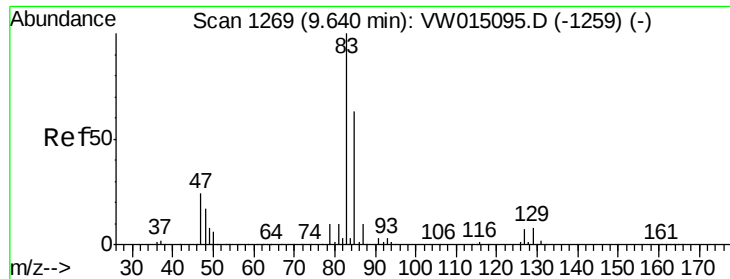
Tgt Ion: 63 Resp: 160318
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.6 36.8



#46
 Dibromomethane
 Concen: 19.83 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

Tgt Ion: 93 Resp: 67186
 Ion Ratio Lower Upper
 93 100
 95 79.9 66.6 100.0
 174 74.4 60.6 91.0





#47

Bromodichloromethane

Concen: 20.17 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Instrument :

MSVOA_W

ClientSampleId :

VW0309SBSD01

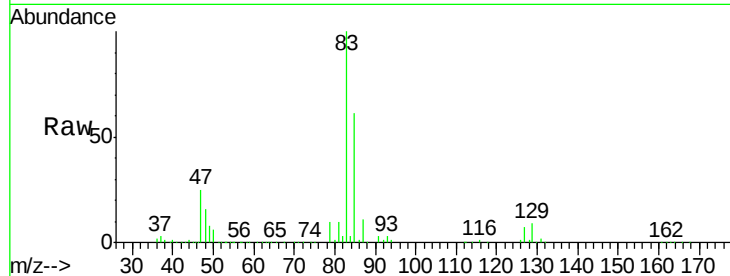
Tgt Ion: 83 Resp: 182414

Ion Ratio Lower Upper

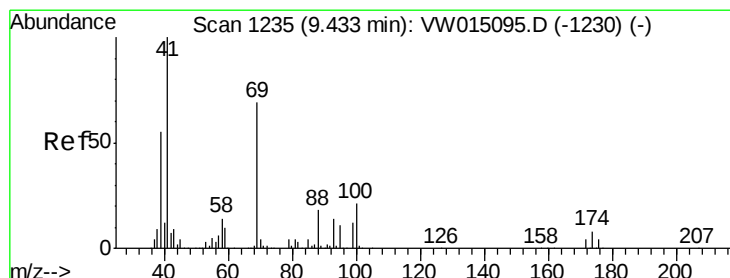
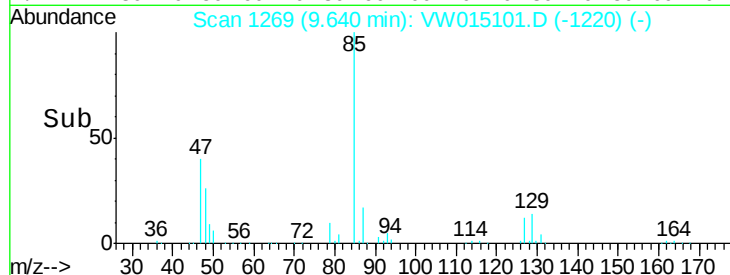
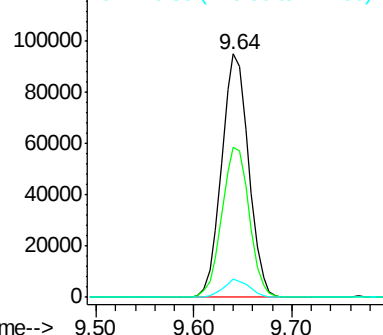
83 100

85 61.5 50.7 76.1

127 7.3 5.5 8.3



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.97 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

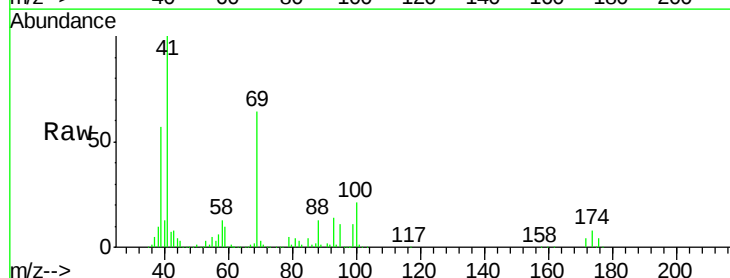
Tgt Ion: 41 Resp: 92625

Ion Ratio Lower Upper

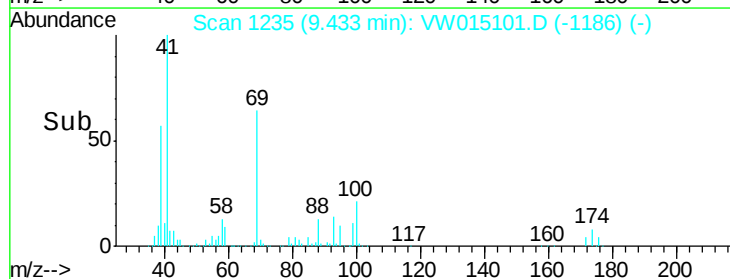
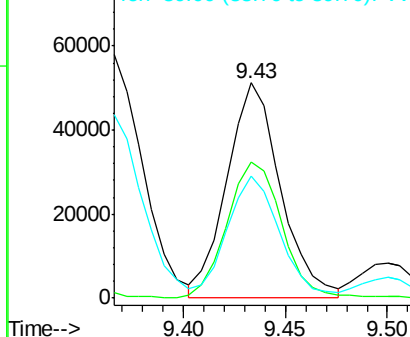
41 100

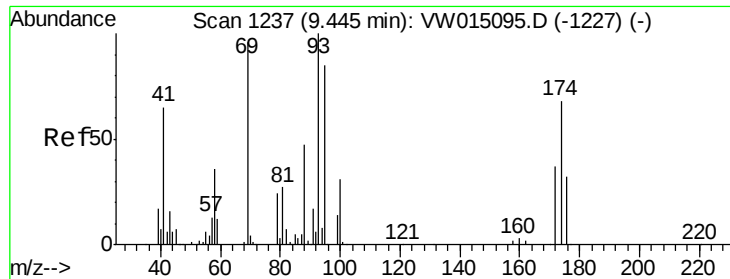
69 65.1 58.7 88.1

39 50.6 45.1 67.7



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

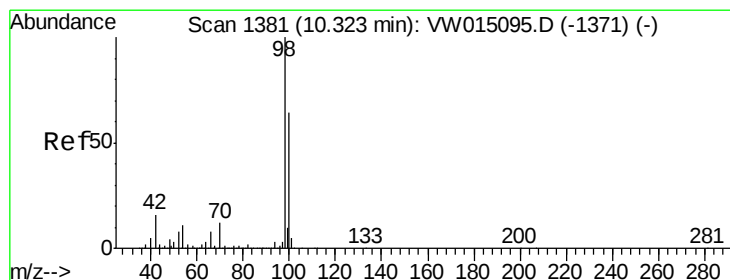
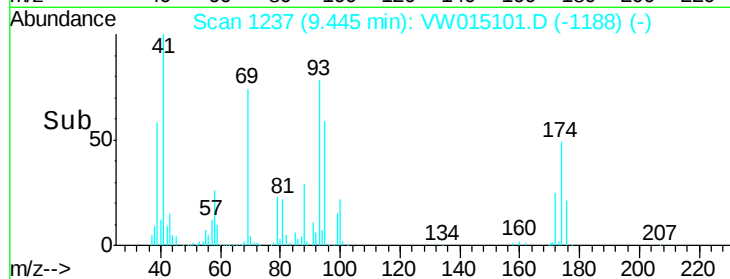
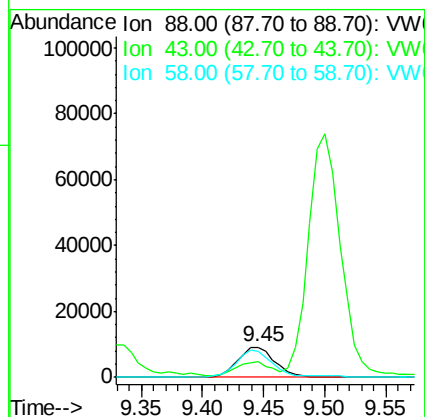
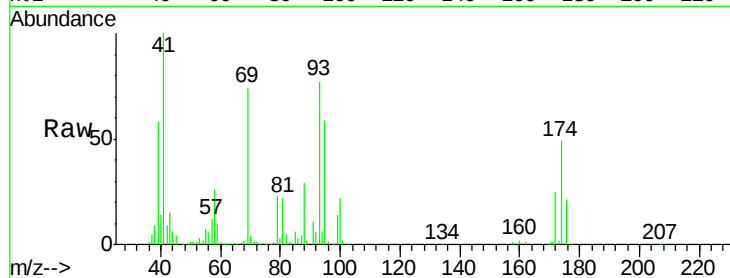




#49
 1,4-Dioxane
 Concen: 375.83 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

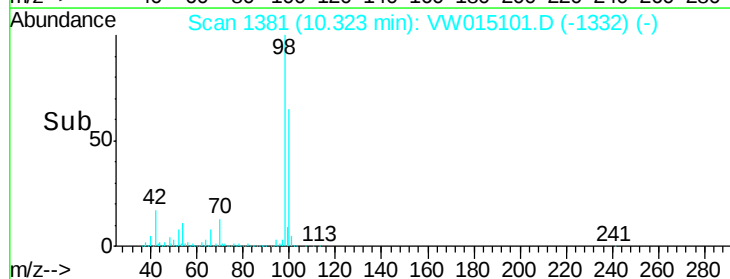
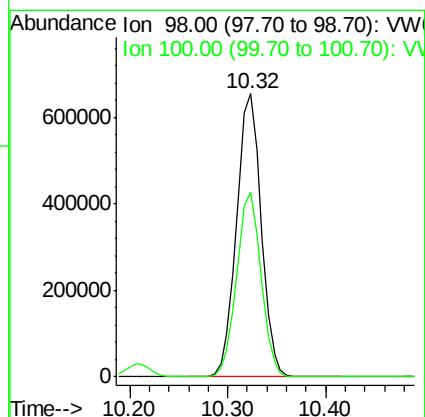
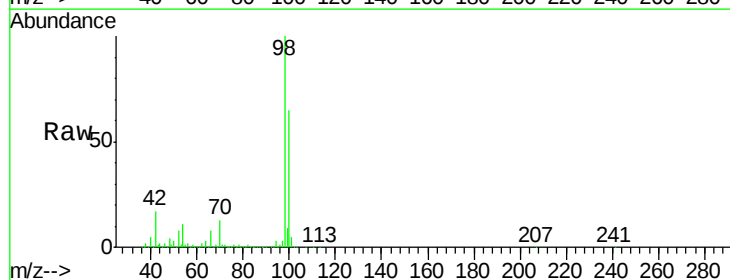
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0309SBSD01

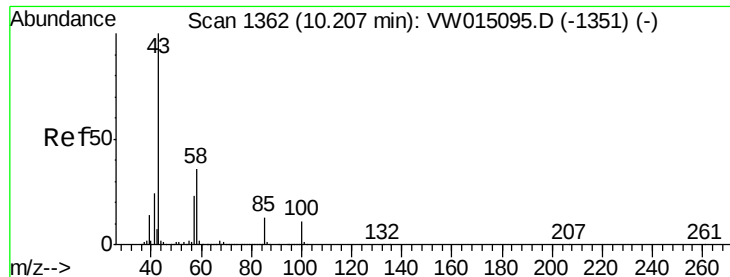
Tgt Ion: 88 Resp: 19493
 Ion Ratio Lower Upper
 88 100
 43 43.6 35.8 53.8
 58 83.0 64.0 96.0



#50
 Toluene-d8
 Concen: 50.97 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

Tgt Ion: 98 Resp: 1147208
 Ion Ratio Lower Upper
 98 100
 100 64.6 52.2 78.2

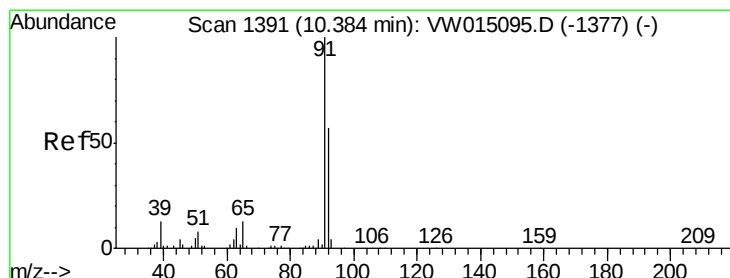
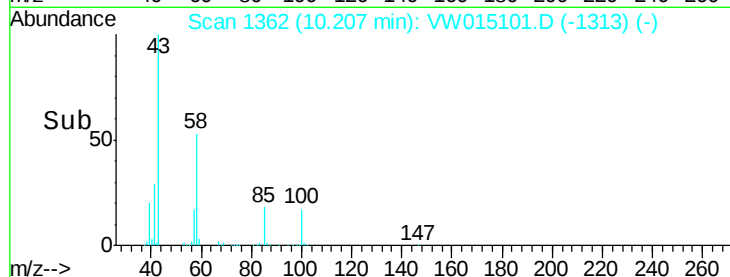
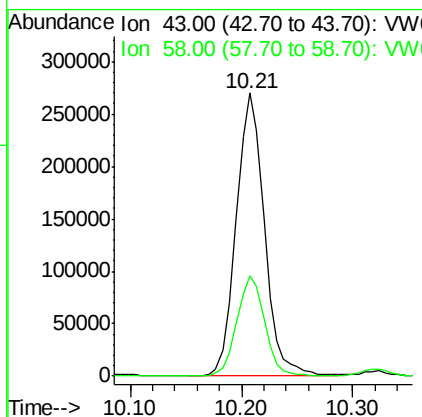
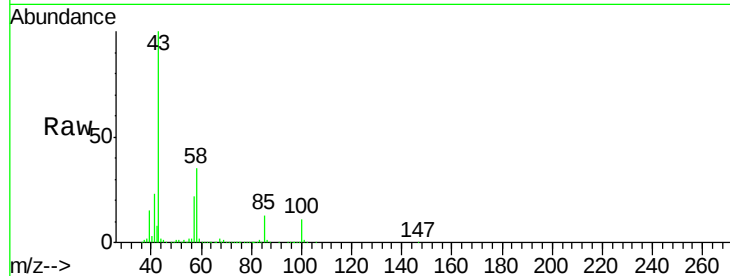




#51
 4-Methyl-2-Pentanone
 Concen: 91.92 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

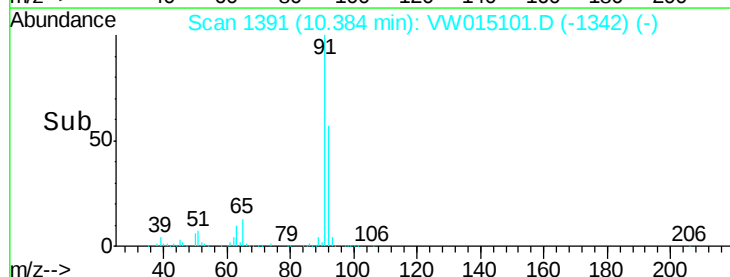
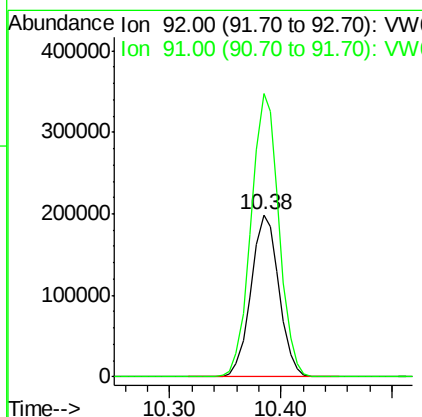
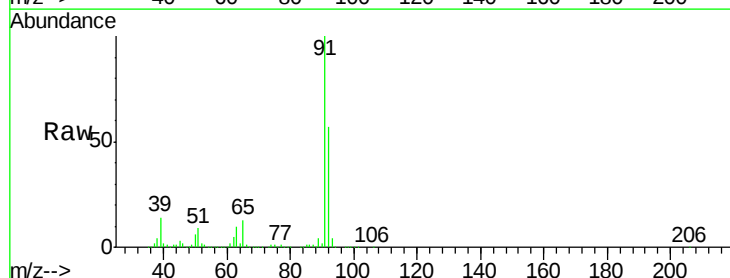
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0309SBSD01

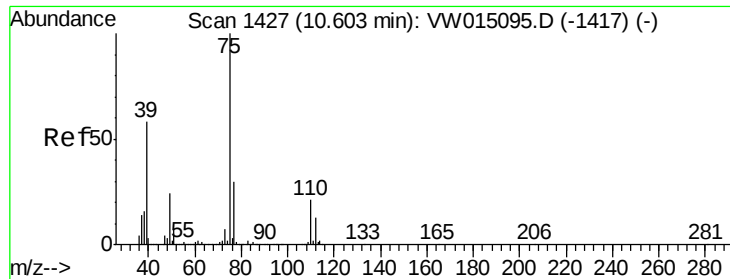
Tgt Ion: 43 Resp: 472257
 Ion Ratio Lower Upper
 43 100
 58 35.2 28.0 42.0



#52
 Toluene
 Concen: 20.82 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

Tgt Ion: 92 Resp: 346001
 Ion Ratio Lower Upper
 92 100
 91 174.9 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 19.80 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Instrument :

MSVOA_W

ClientSampleId :

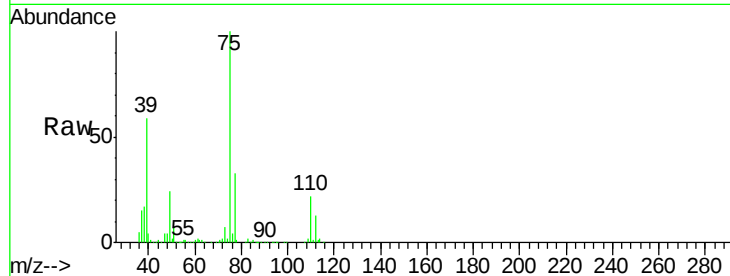
VW0309SBSD01

Tgt Ion: 75 Resp: 176193

Ion Ratio Lower Upper

75 100

77 32.5 24.4 36.6



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.60

100000

80000

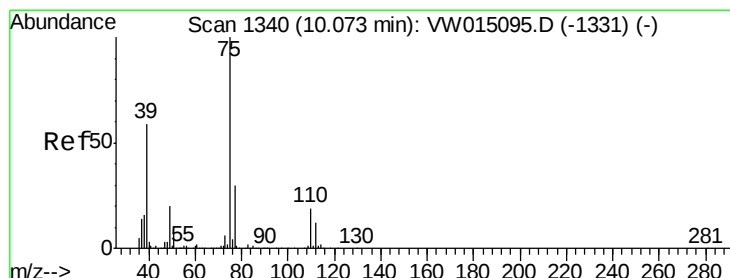
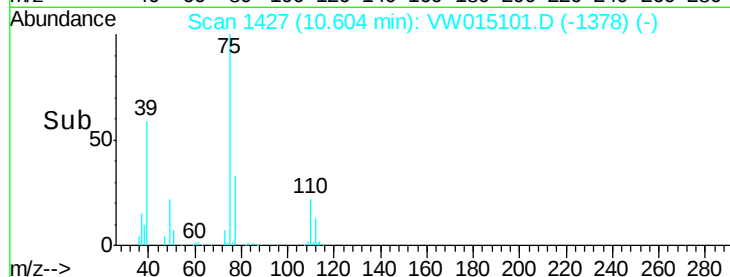
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 20.26 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

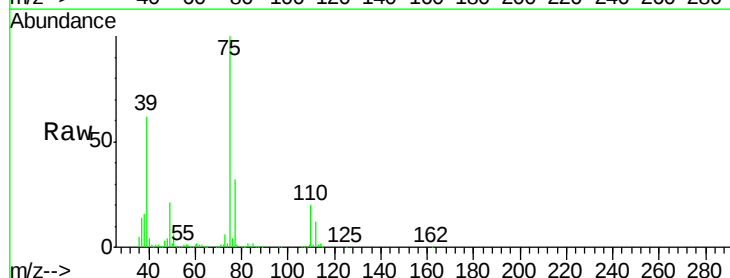
Tgt Ion: 75 Resp: 219566

Ion Ratio Lower Upper

75 100

77 31.6 24.3 36.5

39 61.6 47.0 70.6



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

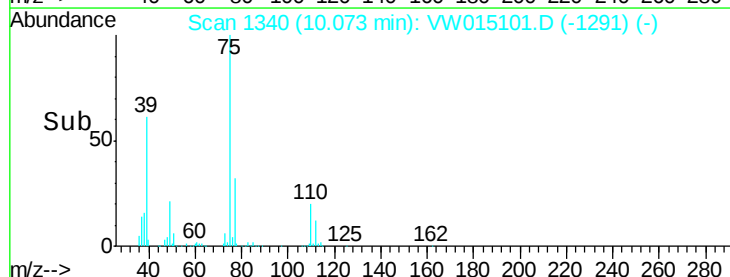
150000

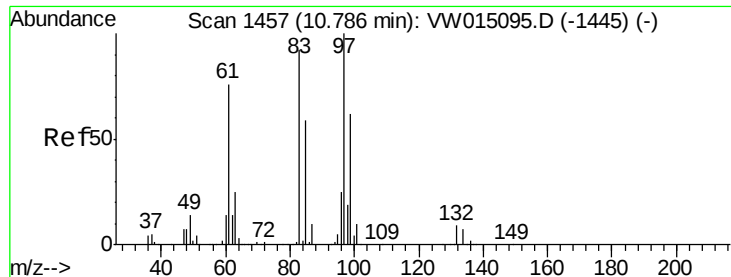
100000

50000

0

Time-->

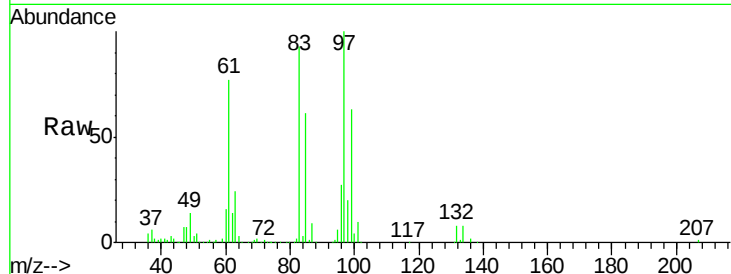




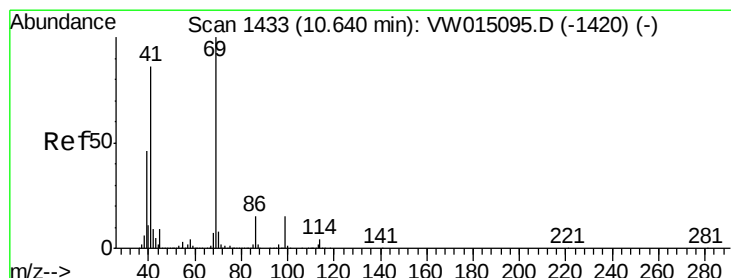
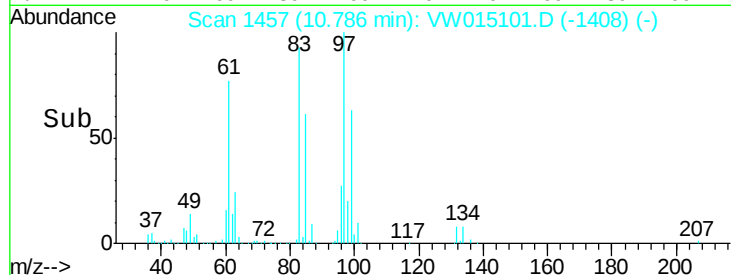
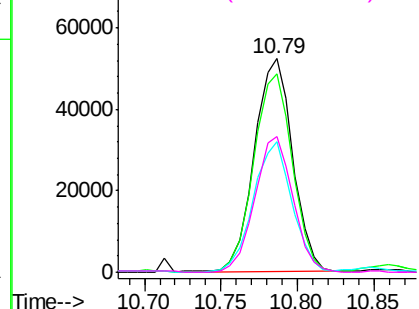
#55
 1,1,2-Trichloroethane
 Concen: 19.65 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0309SBSD01

Tgt Ion: 97 Resp: 91201
 Ion Ratio Lower Upper
 97 100
 83 93.3 74.0 111.0
 85 61.3 46.9 70.3
 99 63.7 49.8 74.8

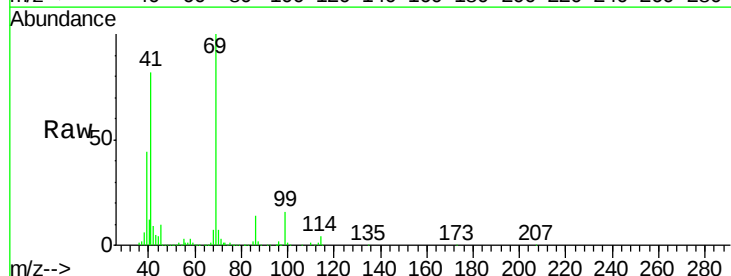


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

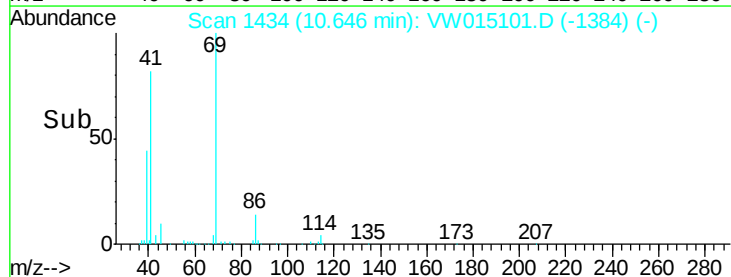
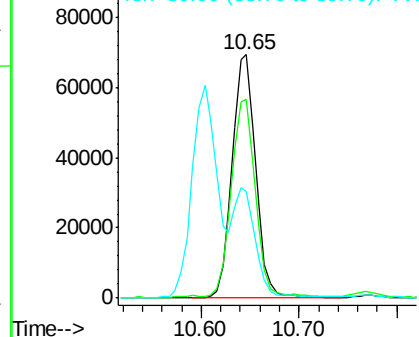


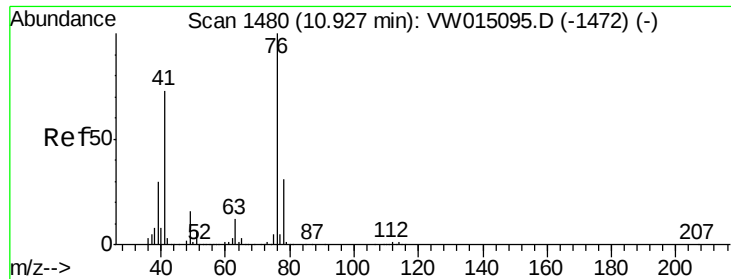
#56
 Ethyl methacrylate
 Concen: 18.77 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

Tgt Ion: 69 Resp: 116713
 Ion Ratio Lower Upper
 69 100
 41 84.0 65.8 98.6
 39 40.4 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

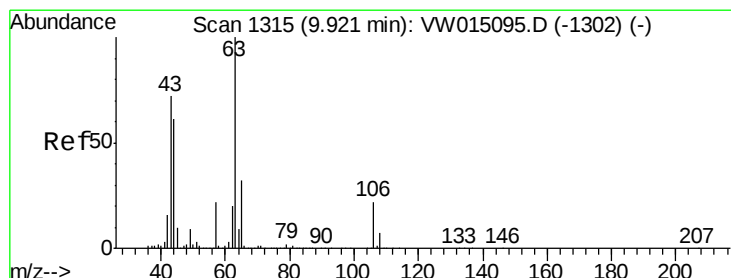
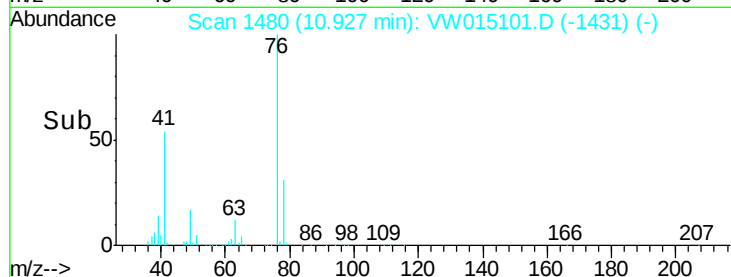
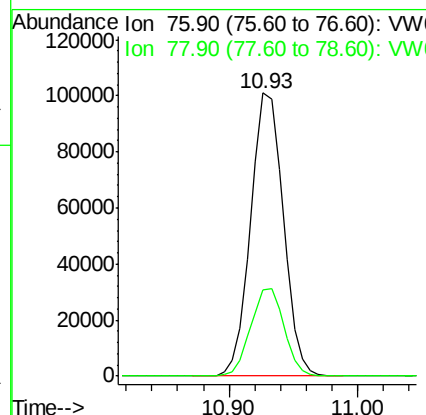
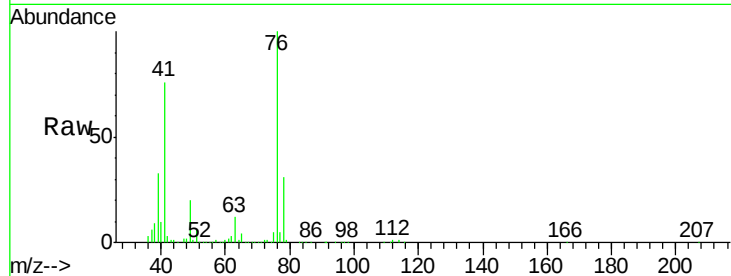




#57
 1,3-Dichloropropane
 Concen: 20.04 ug/l
 RT: 10.93 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

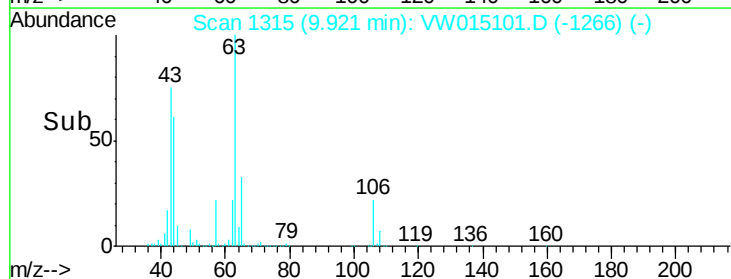
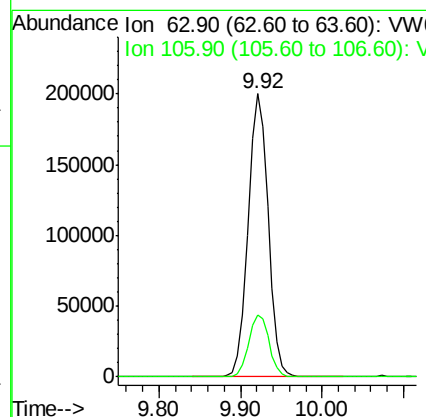
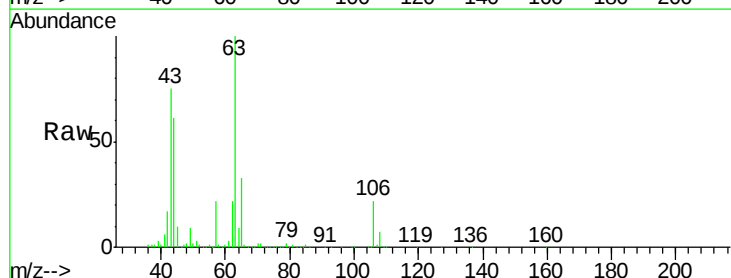
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0309SBSD01

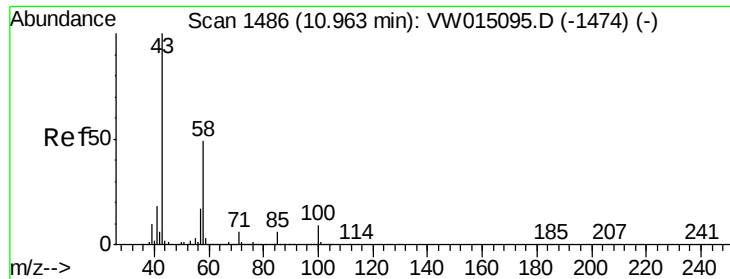
Tgt Ion: 76 Resp: 177083
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.09 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

Tgt Ion: 63 Resp: 341208
 Ion Ratio Lower Upper
 63 100
 106 22.3 18.0 27.0

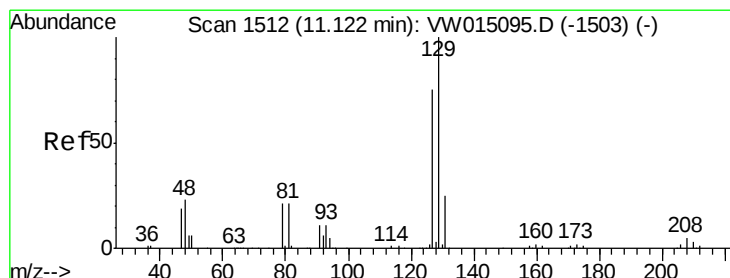
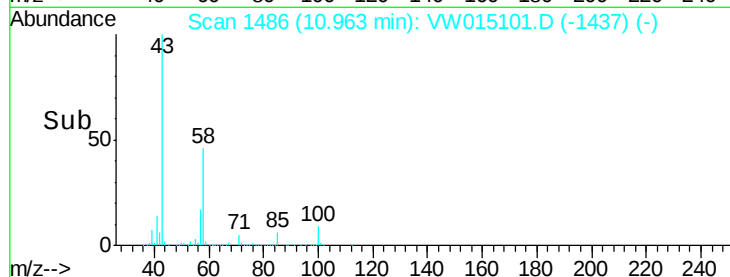
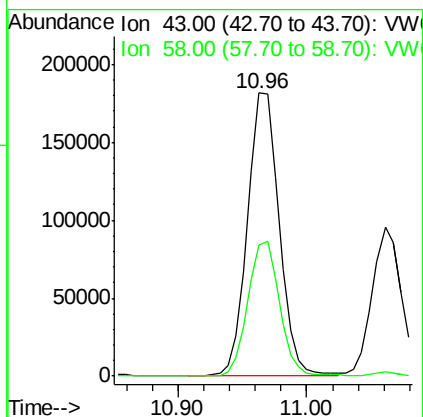
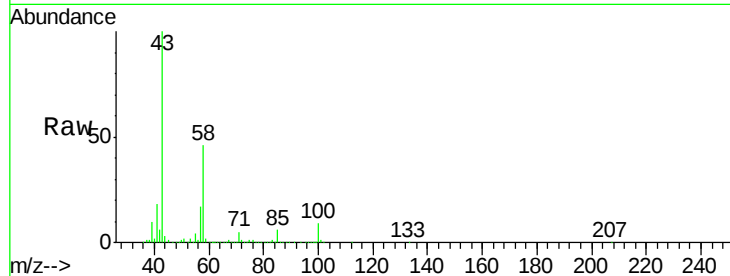




#59
2-Hexanone
Concen: 90.24 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

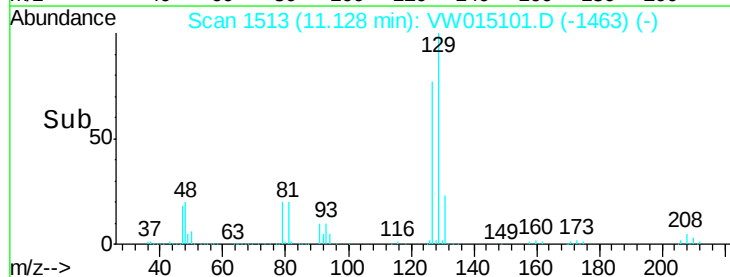
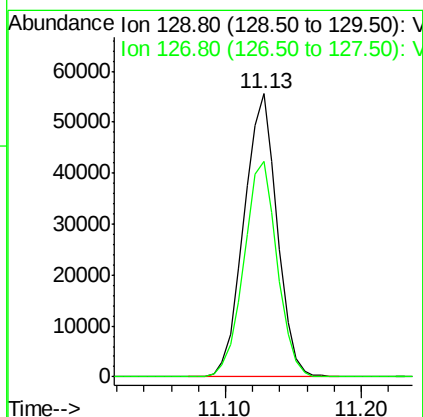
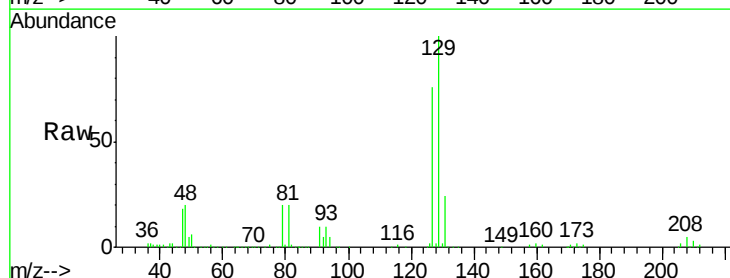
Instrument :
MSVOA_W
ClientSampleId :
VW0309SBSD01

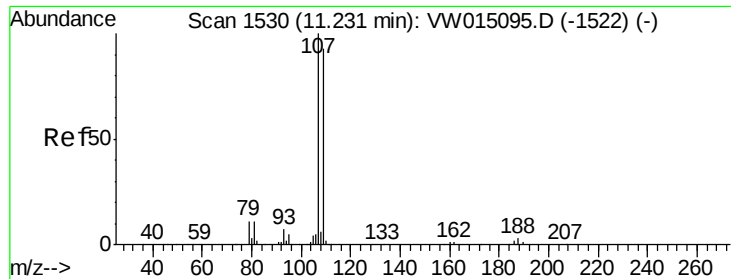
Tgt Ion: 43 Resp: 308393
Ion Ratio Lower Upper
43 100
58 47.5 24.6 73.8



#60
Dibromochloromethane
Concen: 19.79 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.01 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

Tgt Ion: 129 Resp: 94874
Ion Ratio Lower Upper
129 100
127 76.4 38.7 116.1

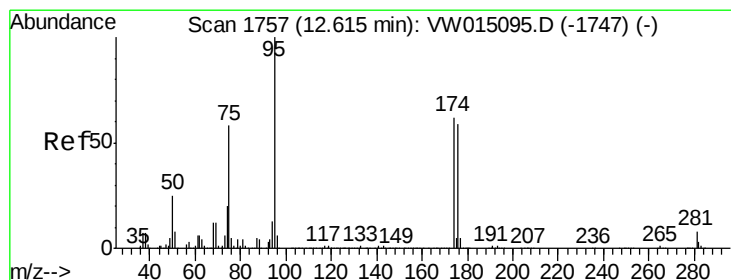
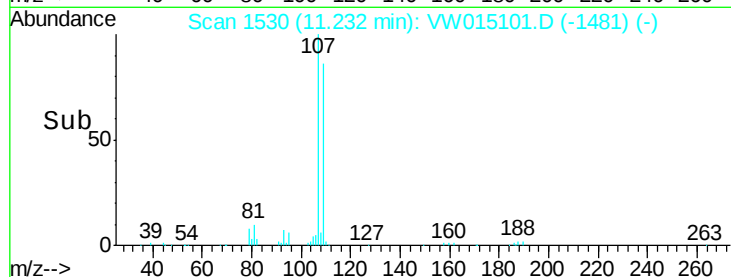
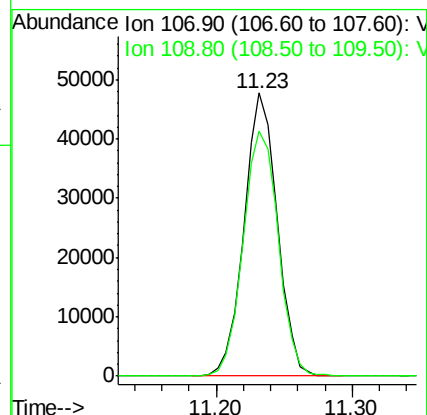
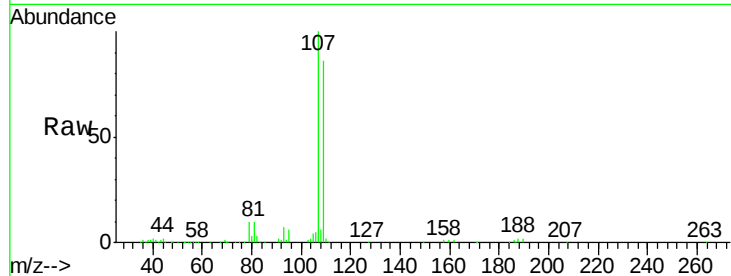




#61
 1,2-Dibromoethane
 Concen: 19.78 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

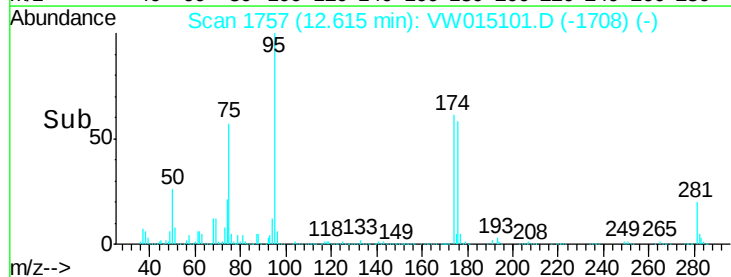
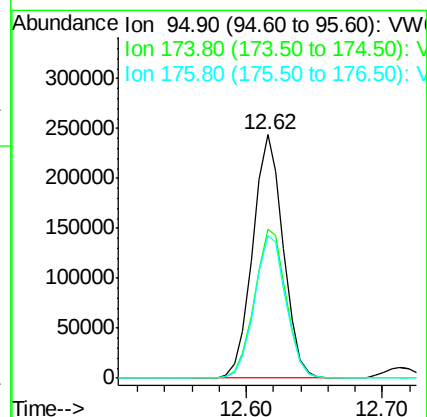
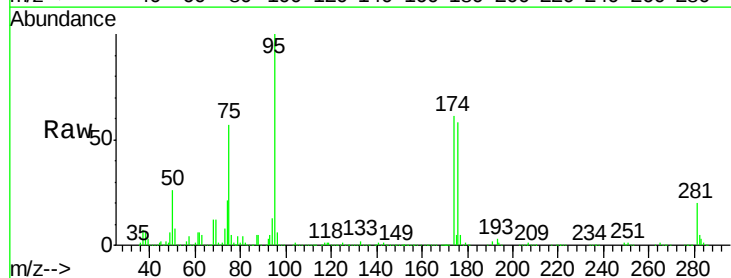
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0309SBSD01

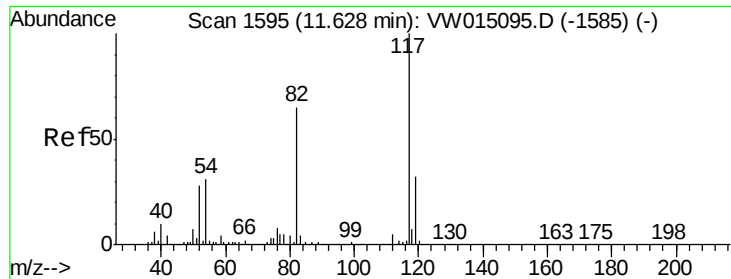
Tgt Ion: 107 Resp: 81414
 Ion Ratio Lower Upper
 107 100
 109 92.0 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 51.14 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

Tgt Ion: 95 Resp: 382306
 Ion Ratio Lower Upper
 95 100
 174 63.2 0.0 126.8
 176 60.5 0.0 121.6

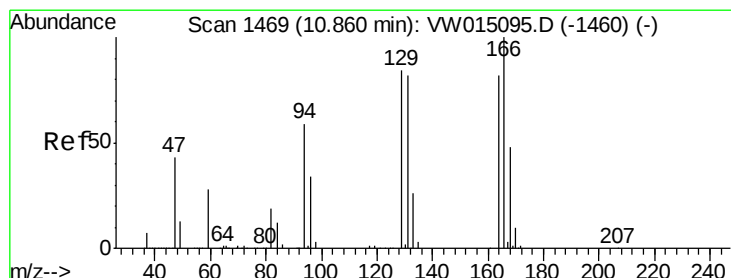
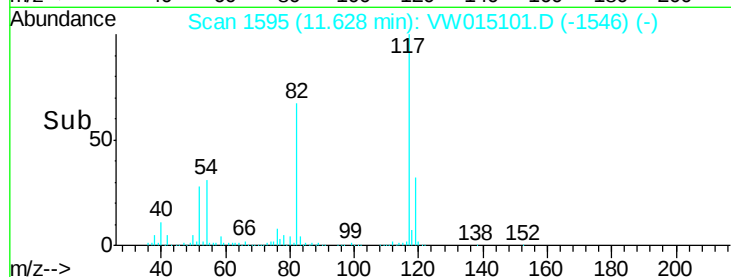
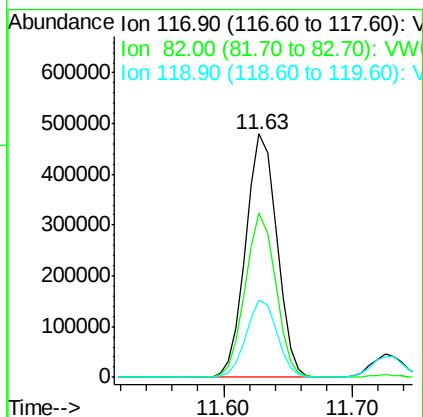
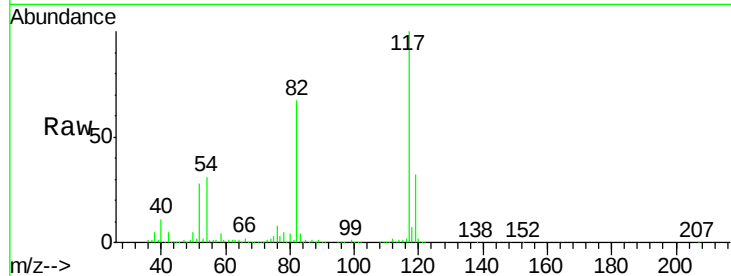




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

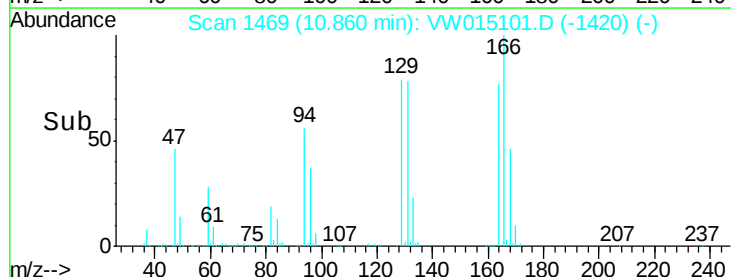
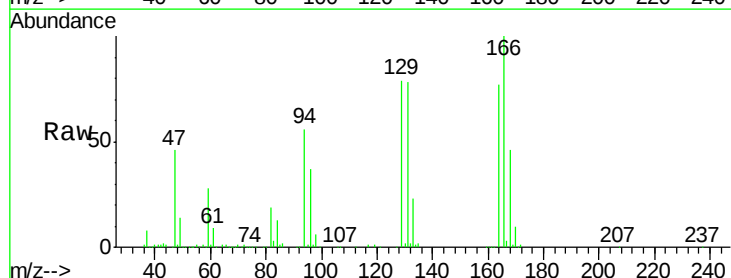
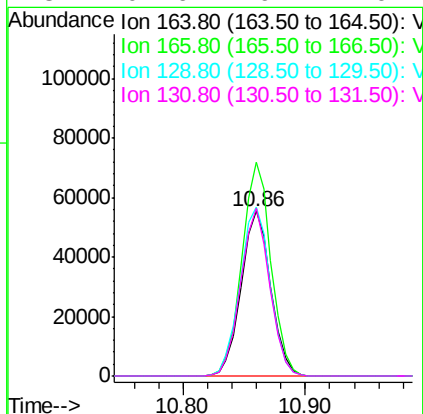
Instrument :
MSVOA_W
ClientSampleId :
VW0309SBSD01

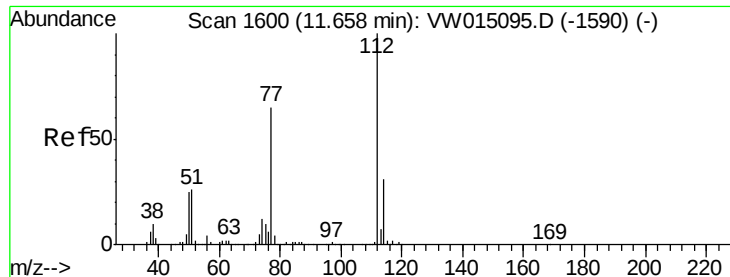
Tgt Ion:117 Resp: 803354
Ion Ratio Lower Upper
117 100
82 67.3 52.2 78.2
119 31.9 25.4 38.0



#64
Tetrachloroethene
Concen: 20.04 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

Tgt Ion:164 Resp: 92903
Ion Ratio Lower Upper
164 100
166 129.8 97.0 145.6
129 102.3 81.2 121.8
131 101.6 79.4 119.2

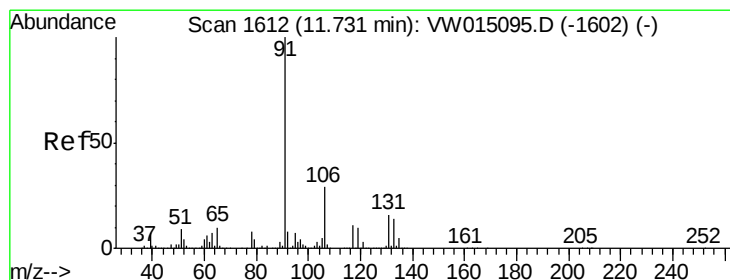
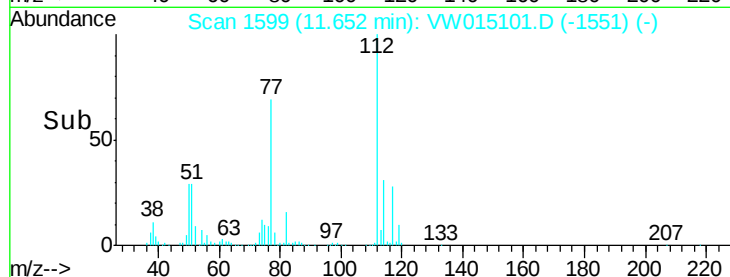
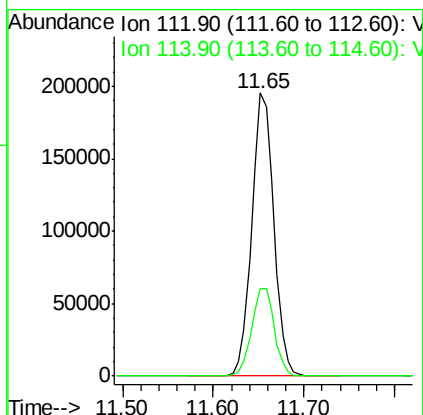
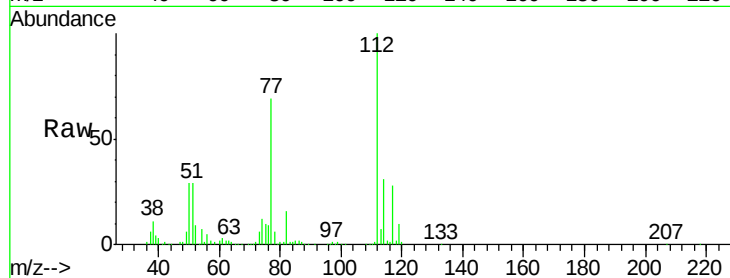




#65
Chlorobenzene
Concen: 20.35 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

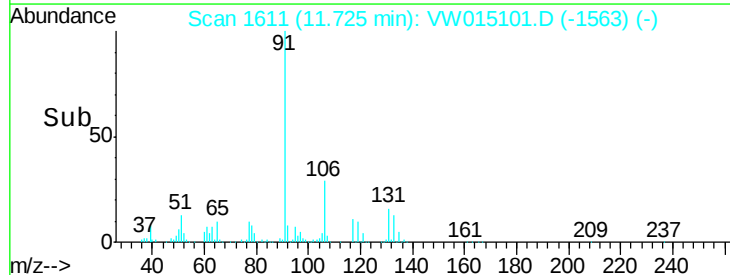
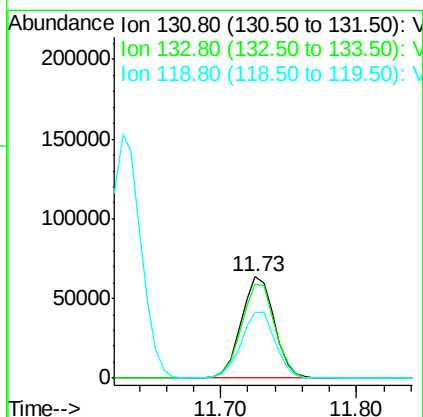
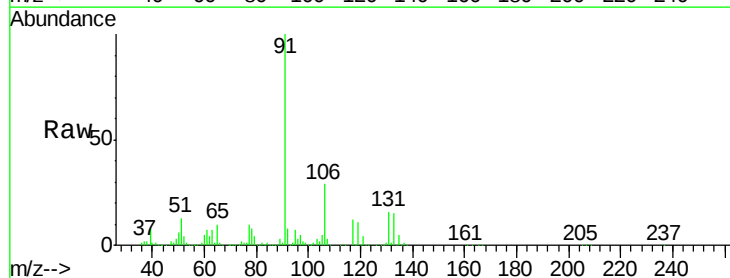
Instrument :
MSVOA_W
ClientSampleId :
VW0309SBSD01

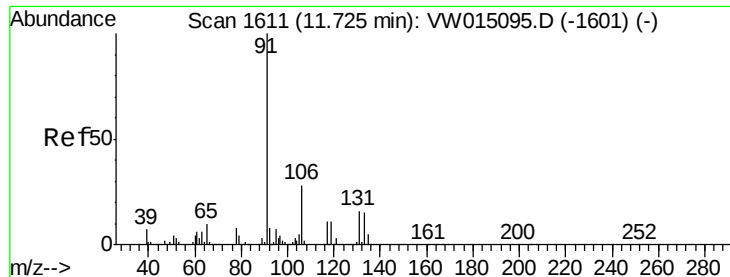
Tgt Ion:112 Resp: 328083
Ion Ratio Lower Upper
112 100
114 30.8 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.16 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

Tgt Ion:131 Resp: 108245
Ion Ratio Lower Upper
131 100
133 94.2 47.3 141.8
119 67.1 34.0 101.8





#67

Ethyl Benzene

Concen: 20.84 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.01 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Instrument :

MSVOA_W

ClientSampleId :

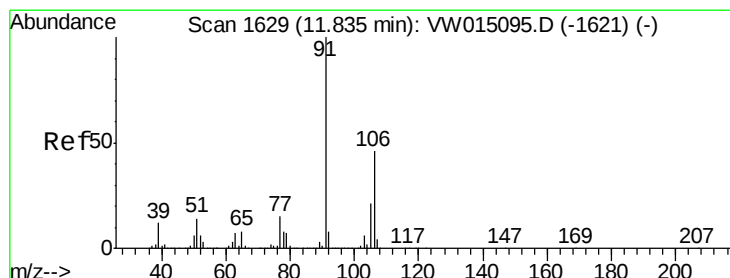
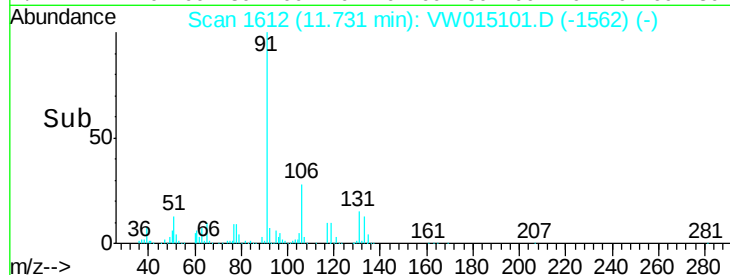
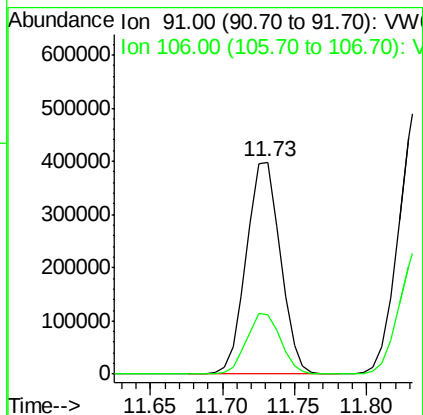
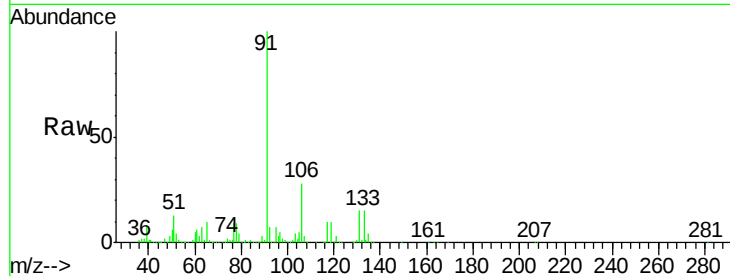
VW0309SBSD01

Tgt Ion: 91 Resp: 653917

Ion Ratio Lower Upper

91 100

106 28.2 22.8 34.2



#68

m/p-Xylenes

Concen: 42.33 ug/l

RT: 11.84 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VW015101.D

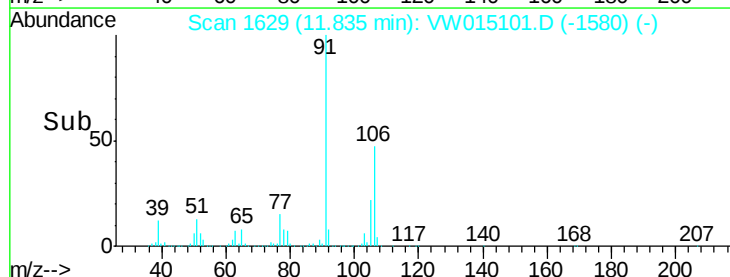
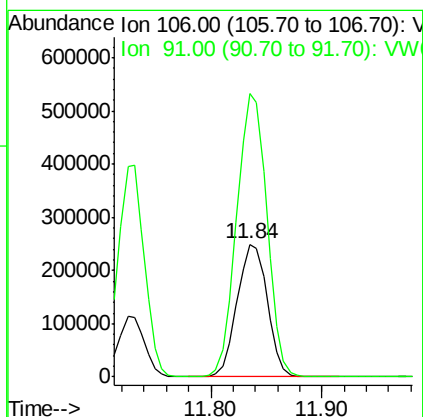
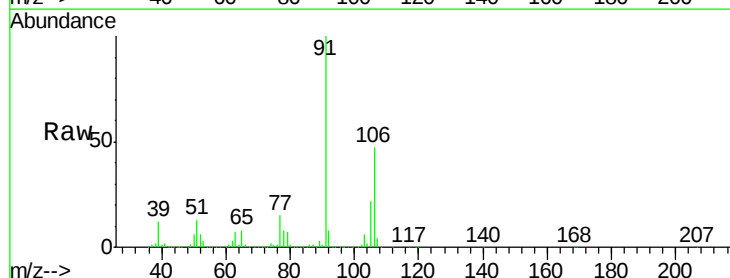
Acq: 09 Mar 2020 16:57

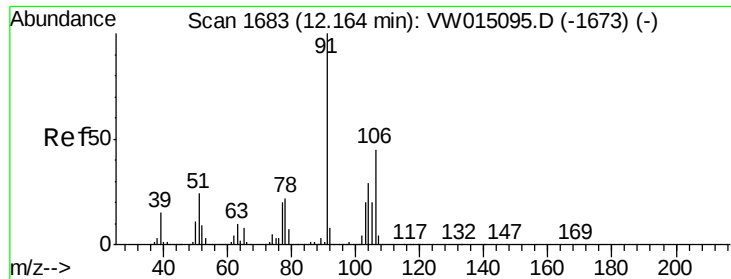
Tgt Ion: 106 Resp: 469496

Ion Ratio Lower Upper

106 100

91 213.5 172.3 258.5

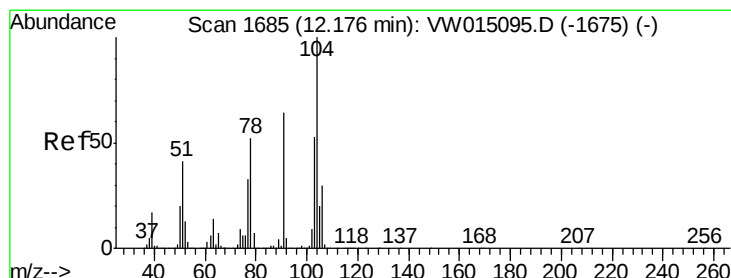
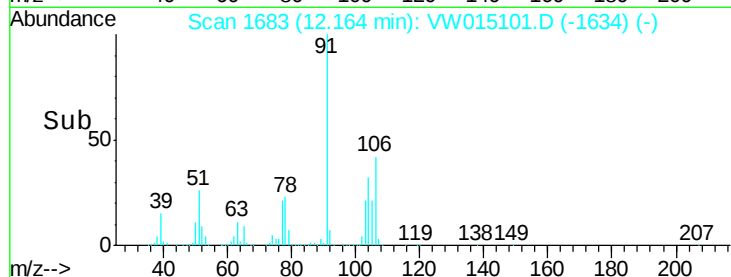
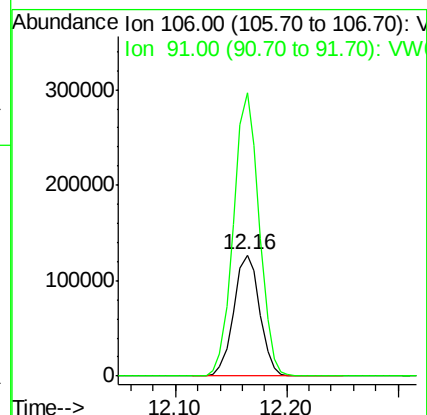
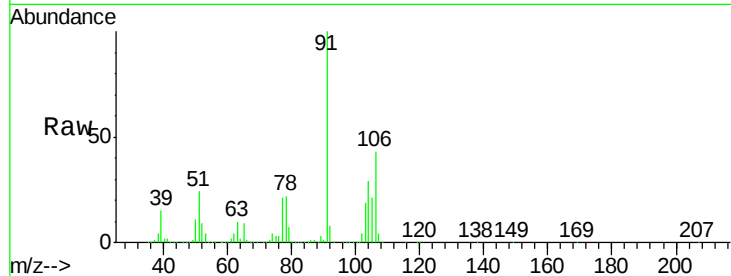




#69
o-Xylene
Concen: 20.45 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

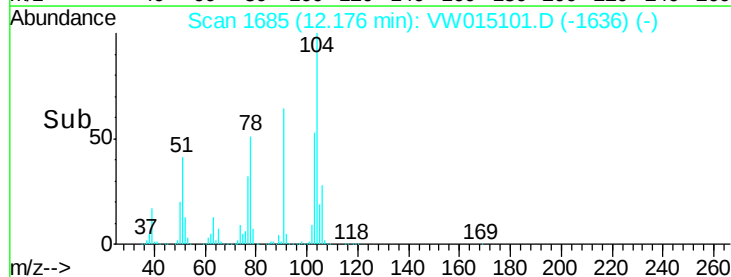
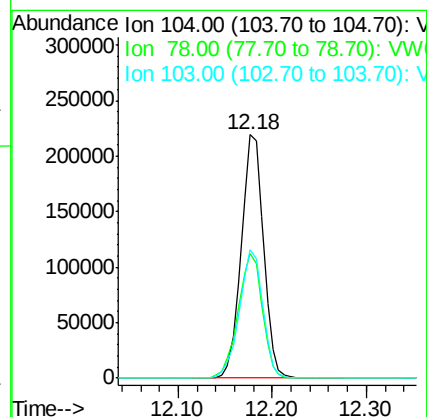
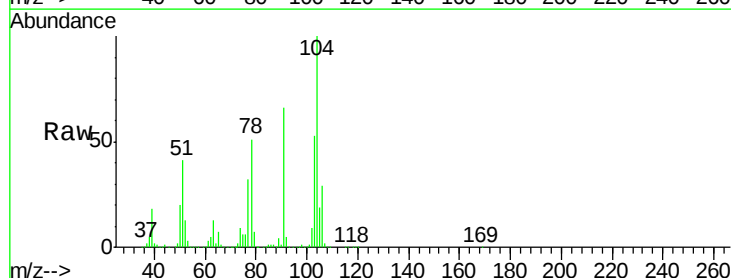
Instrument :
MSVOA_W
ClientSampleId :
VW0309SBSD01

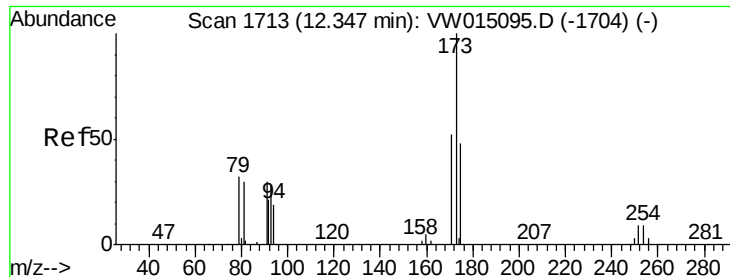
Tgt Ion:106 Resp: 204384
Ion Ratio Lower Upper
106 100
91 231.6 112.6 337.8



#70
Styrene
Concen: 21.06 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

Tgt Ion:104 Resp: 360647
Ion Ratio Lower Upper
104 100
78 55.8 44.7 67.1
103 55.7 44.7 67.1





#71

Bromoform

Concen: 18.99 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Instrument :

MSVOA_W

ClientSampleId :

VW0309SBSD01

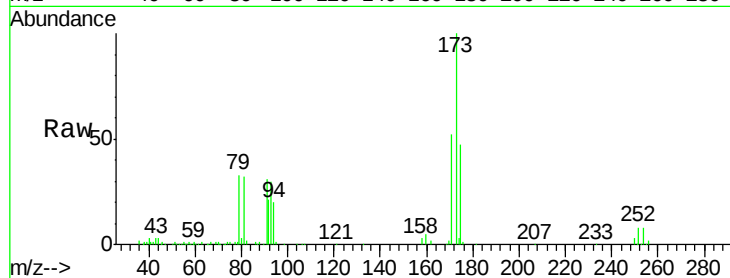
Tgt Ion:173 Resp: 45248

Ion Ratio Lower Upper

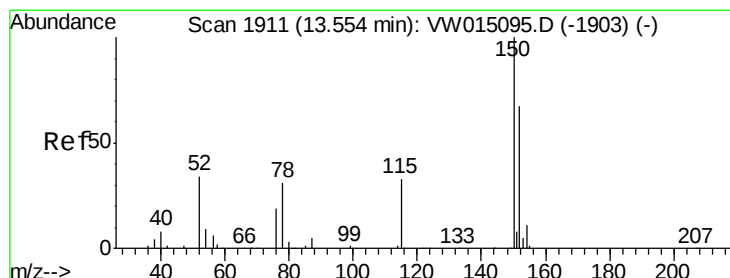
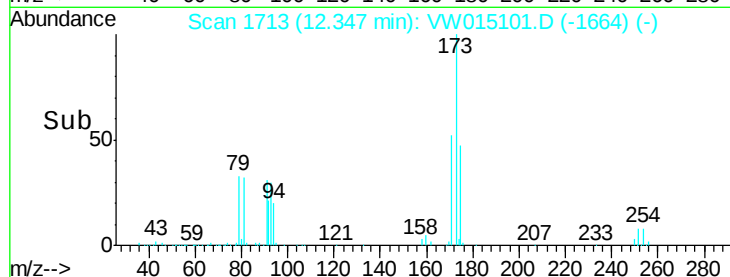
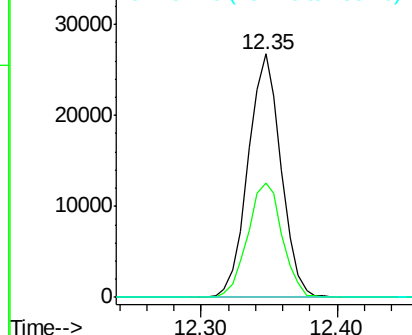
173 100

175 49.5 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: VW015101.D

Acq: 09 Mar 2020 16:57

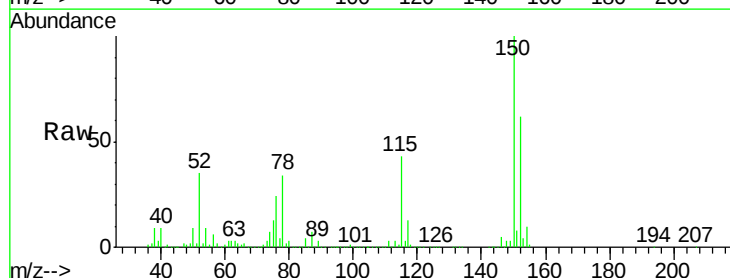
Tgt Ion:152 Resp: 362862

Ion Ratio Lower Upper

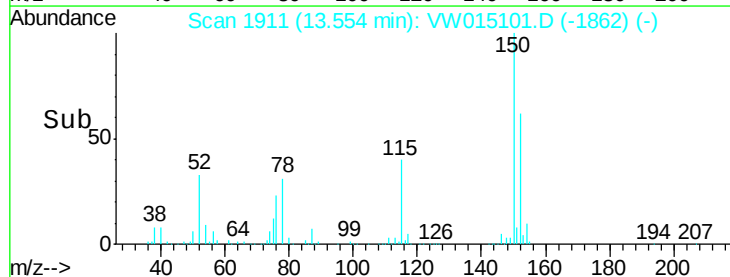
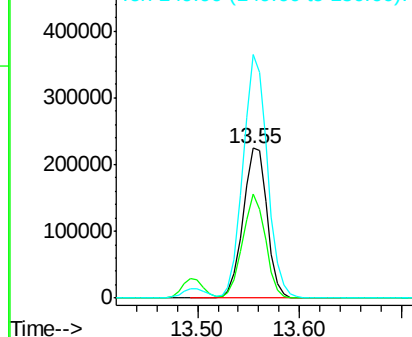
152 100

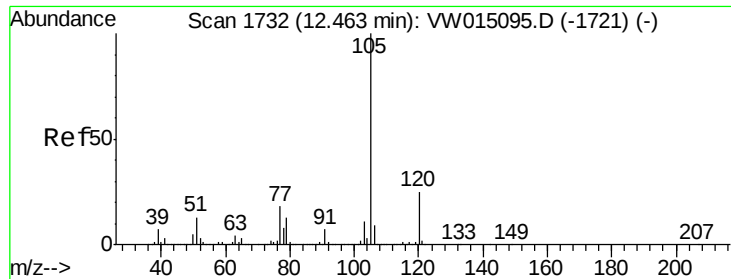
115 66.0 33.3 99.9

150 165.4 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: 20.96 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Instrument :

MSVOA_W

ClientSampleId :

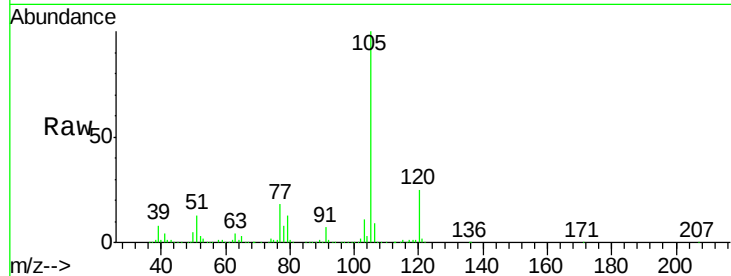
VW0309SBSD01

Tgt Ion: 105 Resp: 580886

Ion Ratio Lower Upper

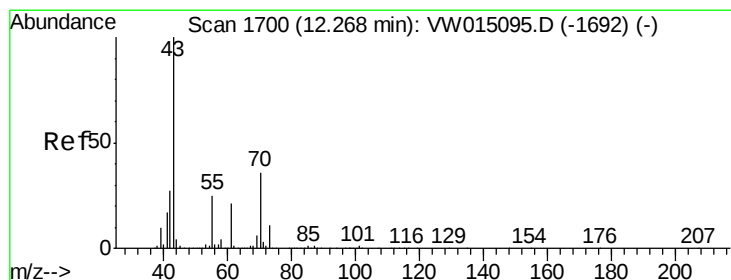
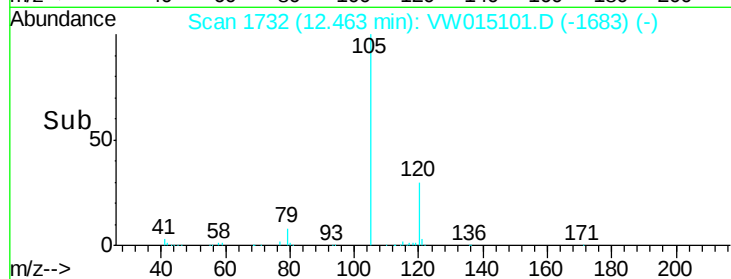
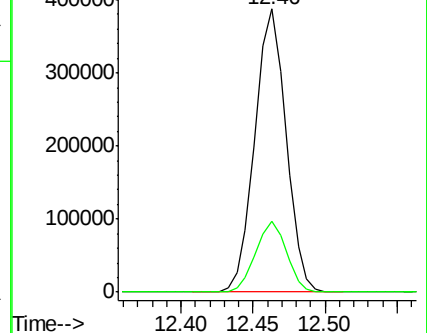
105 100

120 25.0 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.20 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Tgt Ion: 43 Resp: 160177

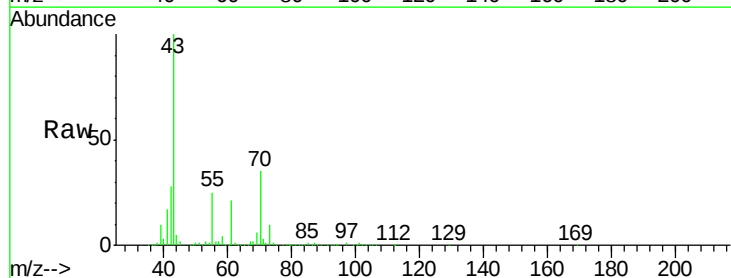
Ion Ratio Lower Upper

43 100

70 36.1 29.4 44.2

55 25.8 20.3 30.5

61 21.6 17.1 25.7

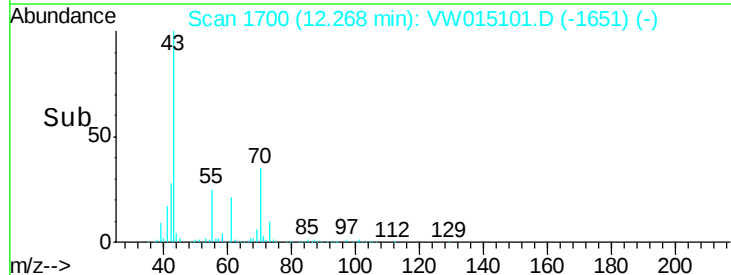
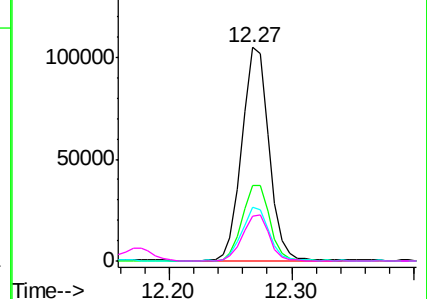


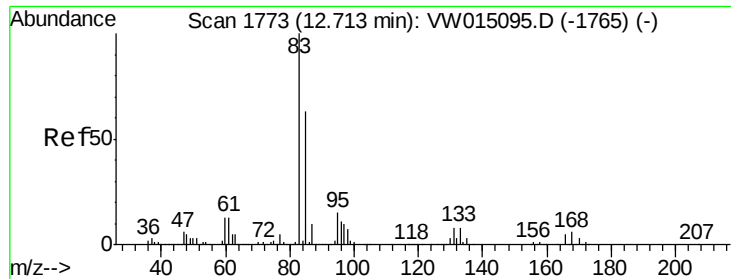
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 19.43 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Instrument :

MSVOA_W

ClientSampleId :

VW0309SBSD01

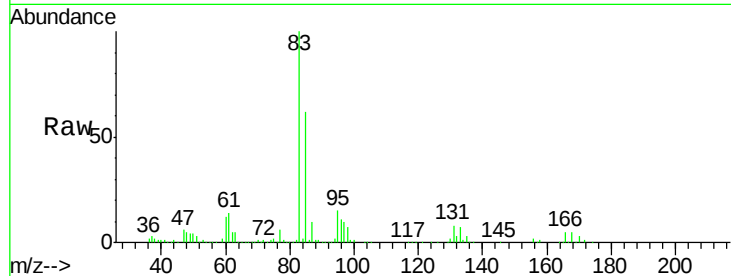
Tgt Ion: 83 Resp: 109362

Ion Ratio Lower Upper

83 100

131 8.6 4.3 13.1

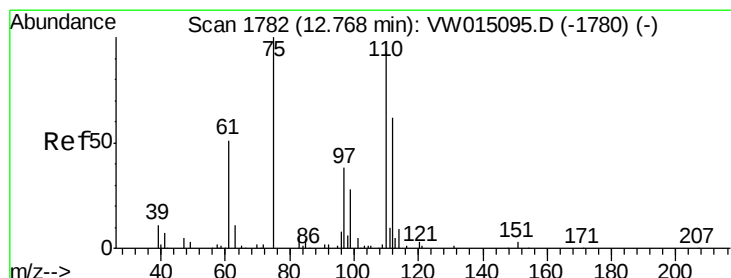
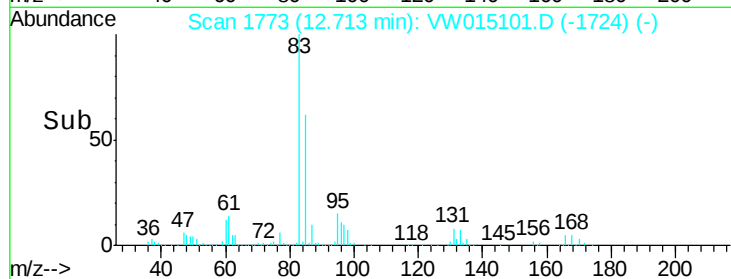
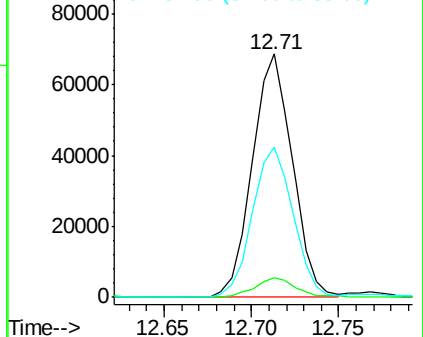
85 62.7 31.5 94.5



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: 35.11 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015101.D

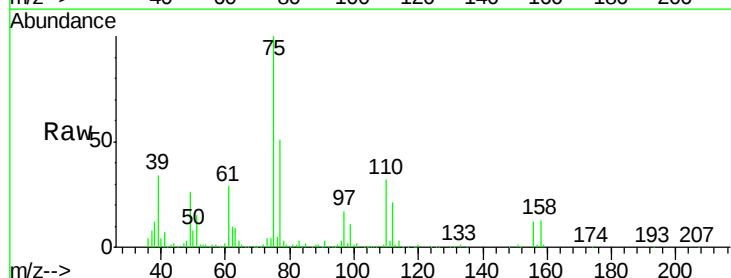
Acq: 09 Mar 2020 16:57

Tgt Ion: 75 Resp: 143999

Ion Ratio Lower Upper

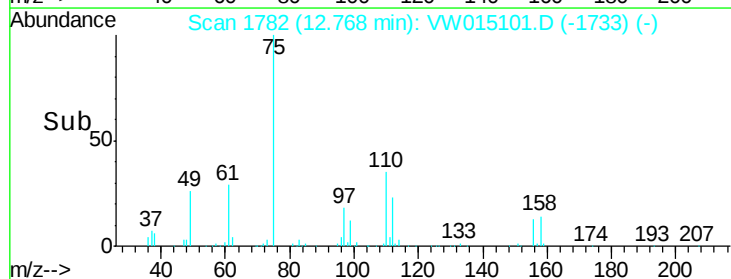
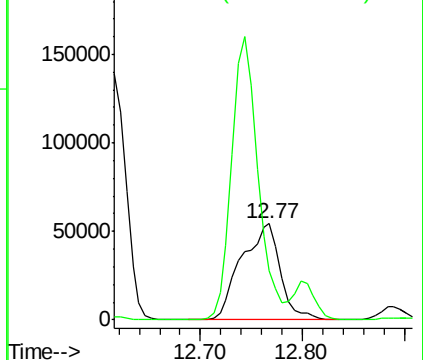
75 100

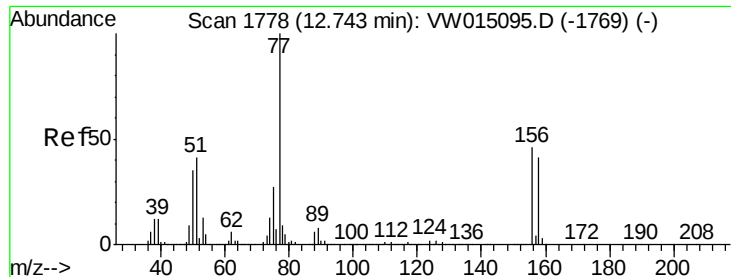
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

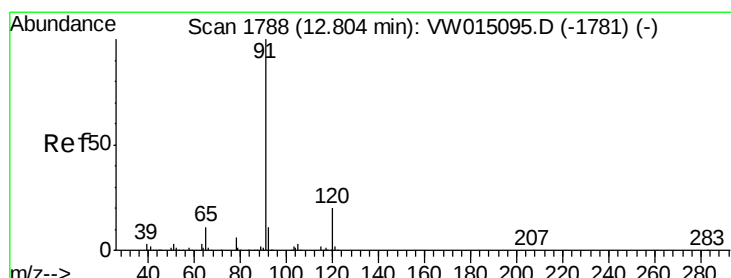
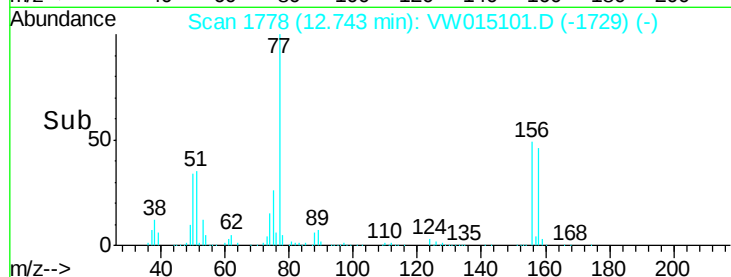
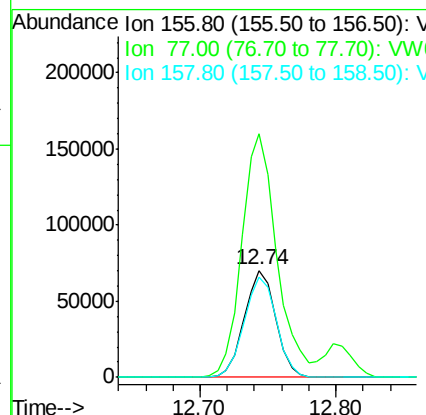
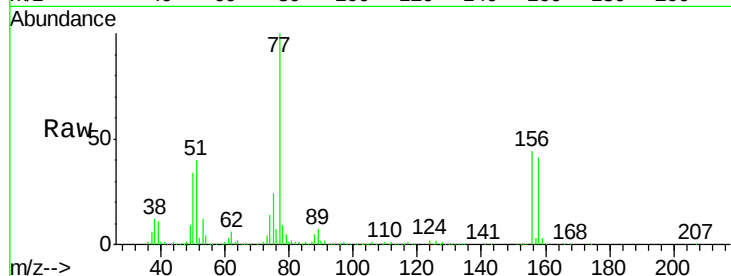




#77
Bromobenzene
Concen: 20.67 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

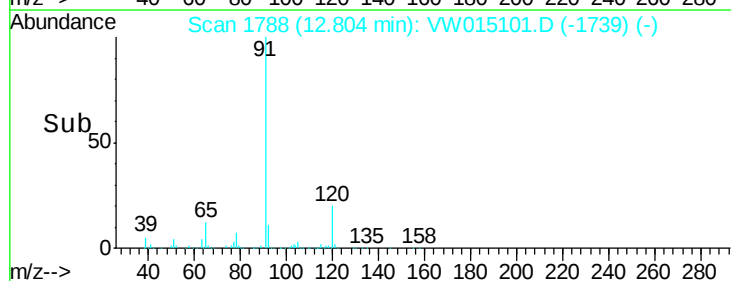
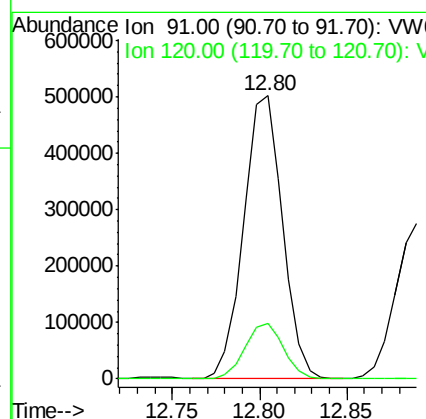
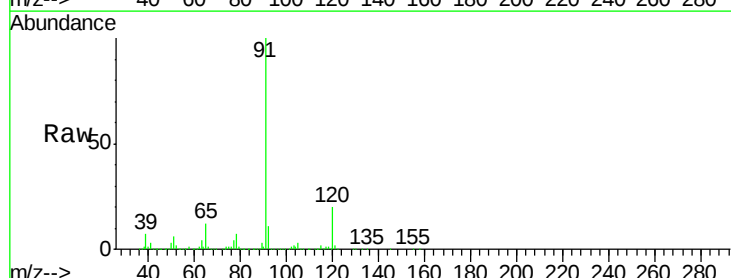
Instrument :
MSVOA_W
ClientSampleId :
VW0309SBSD01

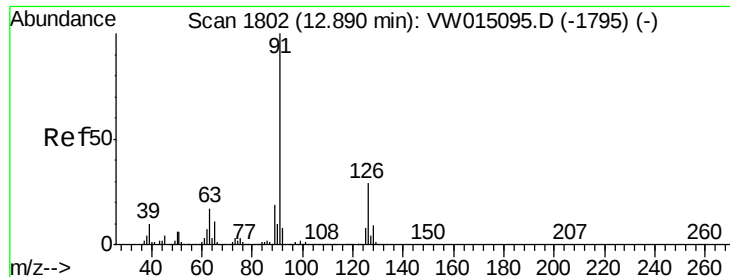
Tgt Ion:156 Resp: 113269
Ion Ratio Lower Upper
156 100
77 251.8 126.6 379.8
158 96.2 47.4 142.2



#78
n-propylbenzene
Concen: 21.53 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

Tgt Ion: 91 Resp: 775694
Ion Ratio Lower Upper
91 100
120 19.6 10.2 30.4





#79

2-Chlorotoluene

Concen: 21.30 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Instrument :

MSVOA_W

ClientSampleId :

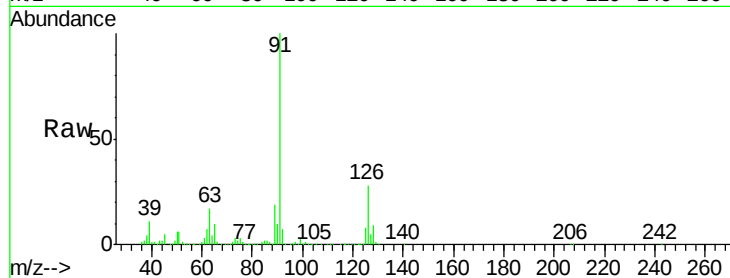
VW0309SBSD01

Tgt Ion: 91 Resp: 431380

Ion Ratio Lower Upper

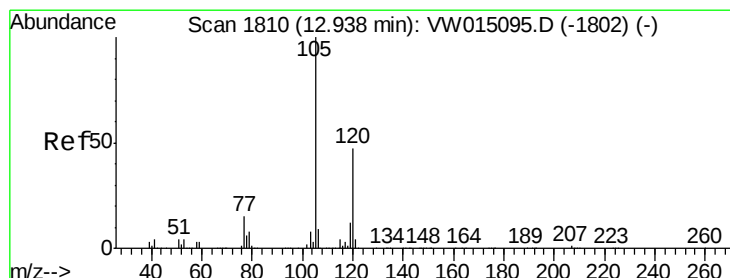
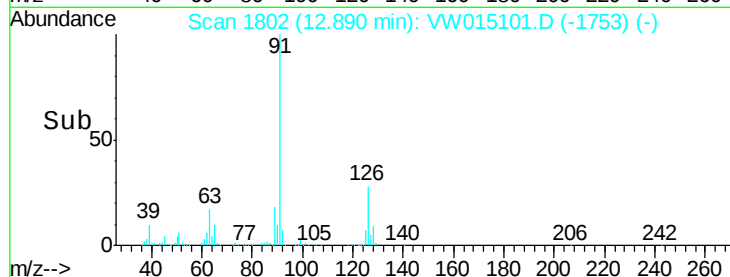
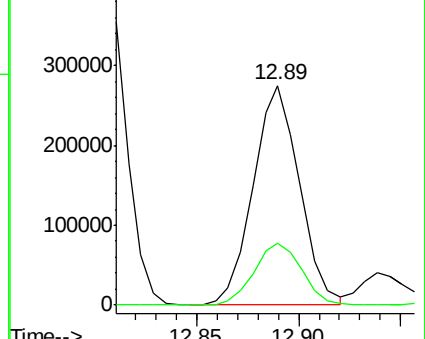
91 100

126 29.3 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: 21.30 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW015101.D

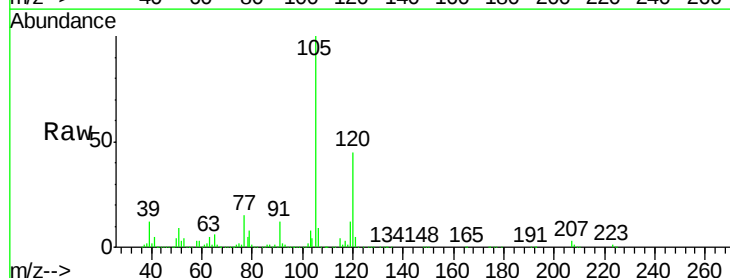
Acq: 09 Mar 2020 16:57

Tgt Ion:105 Resp: 507554

Ion Ratio Lower Upper

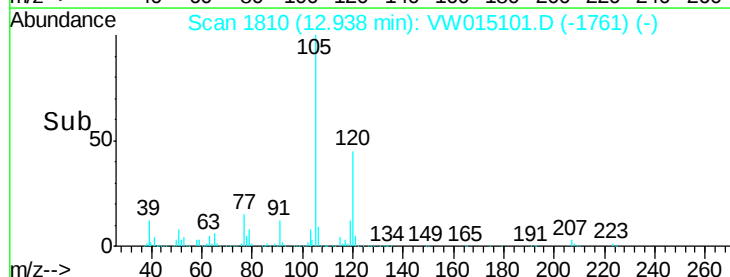
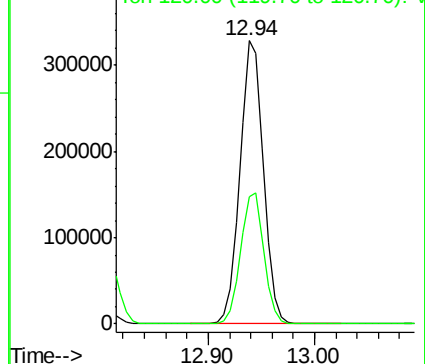
105 100

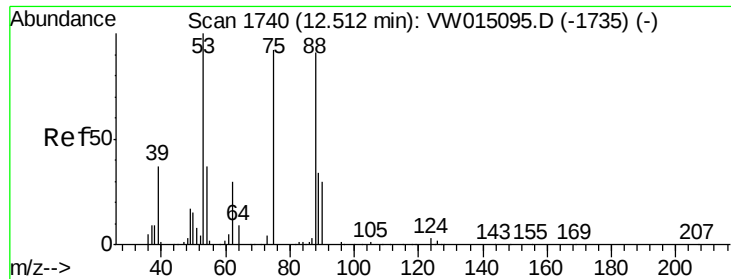
120 45.9 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

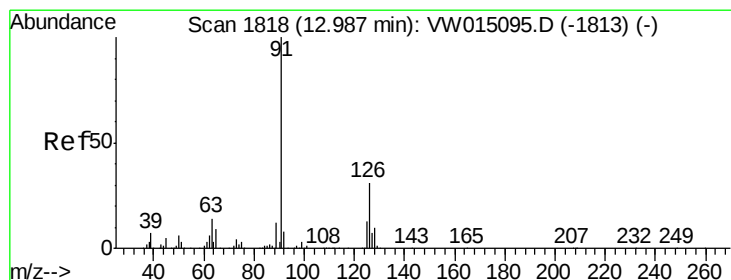
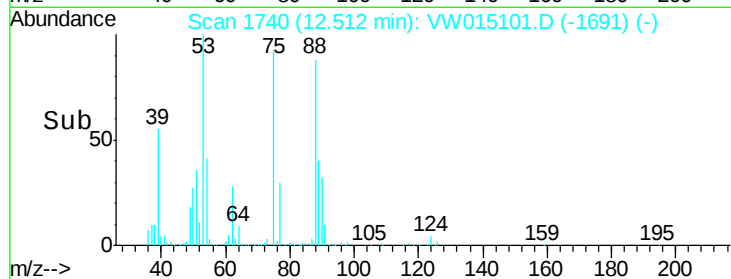
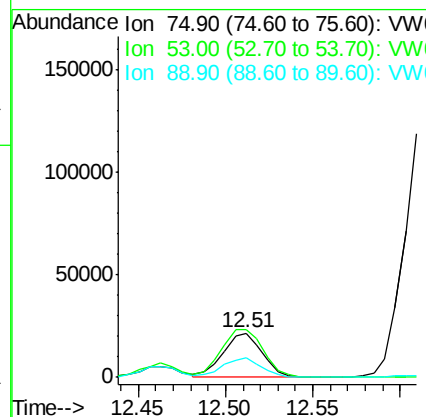
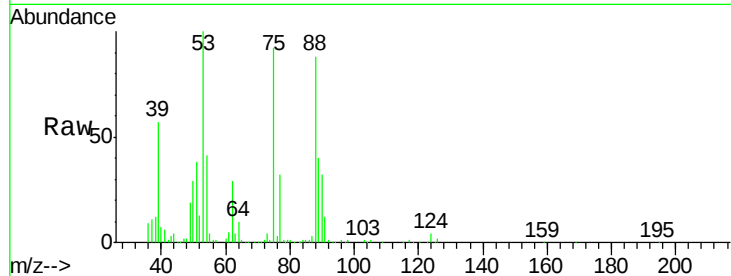




#81
trans-1,4-Dichloro-2-butene
Concen: 18.30 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

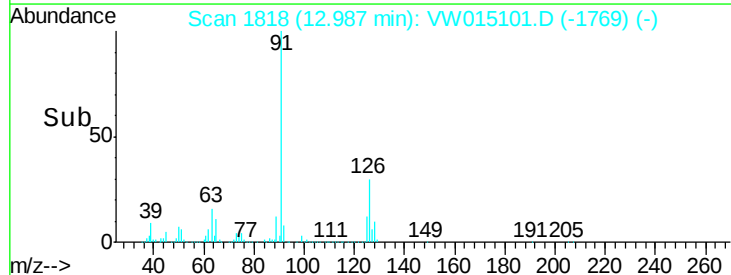
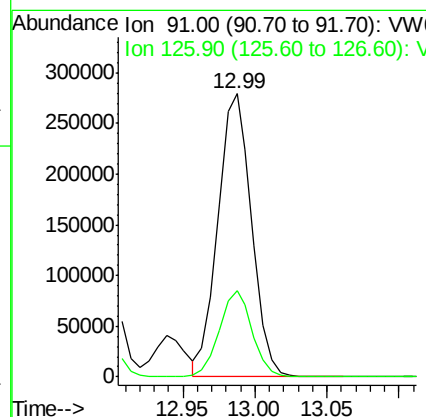
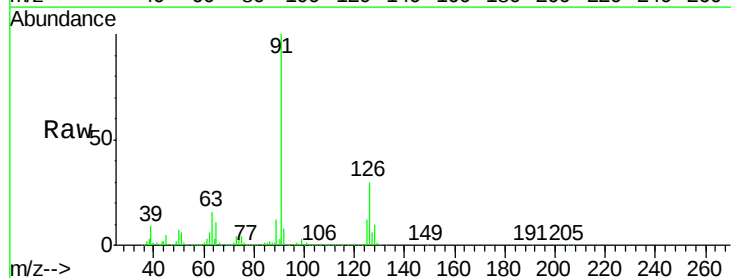
Instrument :
MSVOA_W
ClientSampleId :
VW0309SBSD01

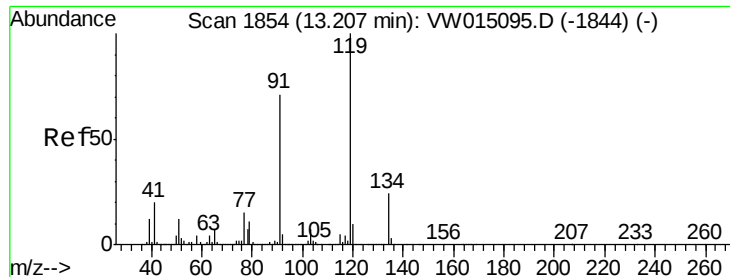
Tgt Ion: 75 Resp: 33228
Ion Ratio Lower Upper
75 100
53 118.1 88.4 132.6
89 44.8 33.1 49.7



#82
4-Chlorotoluene
Concen: 21.07 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW015101.D
Acq: 09 Mar 2020 16:57

Tgt Ion: 91 Resp: 454376
Ion Ratio Lower Upper
91 100
126 29.8 14.8 44.4





#83

tert-Butylbenzene

Concen: 21.12 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Instrument :

MSVOA_W

ClientSampleId :

VW0309SBSD01

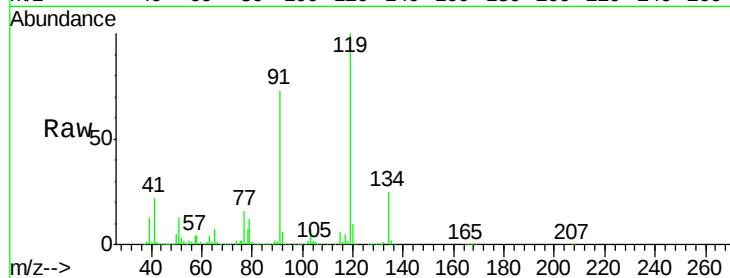
Tgt Ion:119 Resp: 407795

Ion Ratio Lower Upper

119 100

91 72.4 35.7 107.1

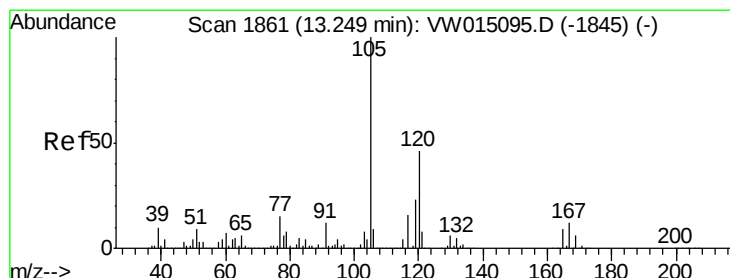
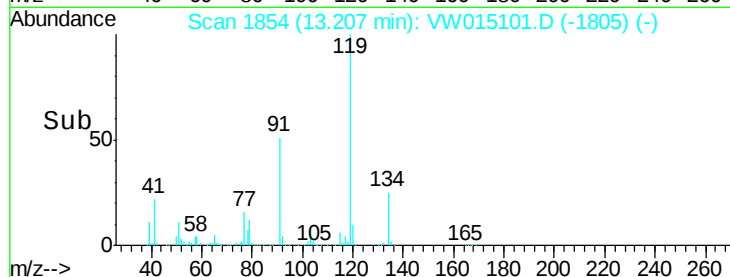
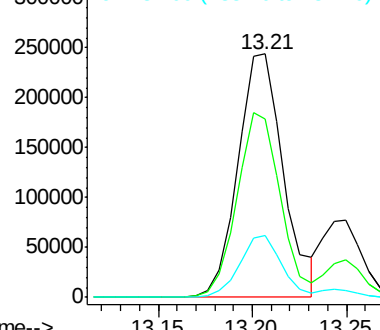
134 23.6 12.7 38.1



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: 21.50 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VW015101.D

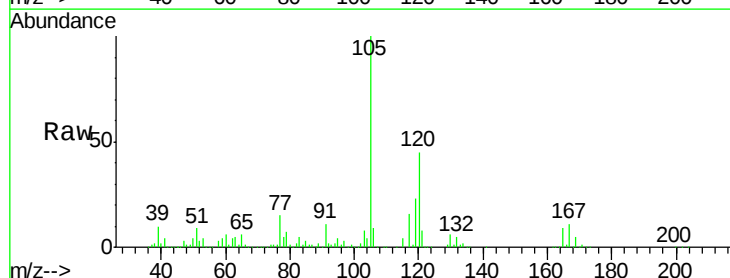
Acq: 09 Mar 2020 16:57

Tgt Ion:105 Resp: 512280

Ion Ratio Lower Upper

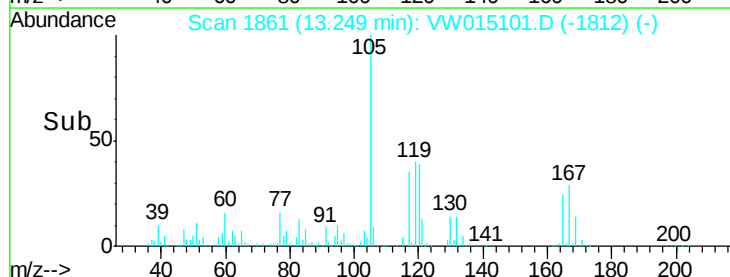
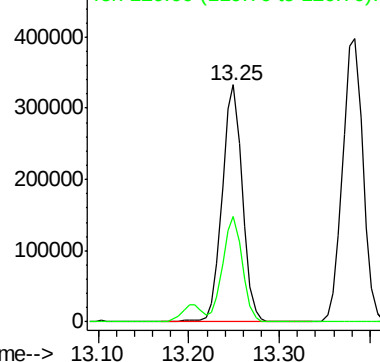
105 100

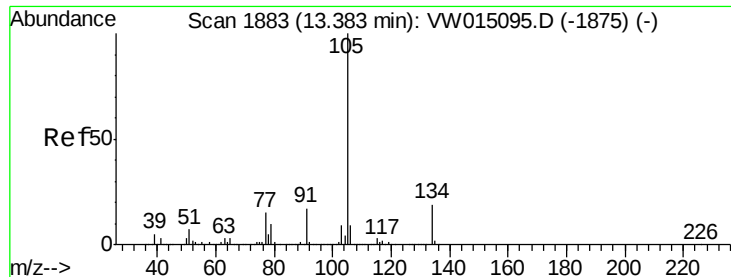
120 43.4 22.1 66.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

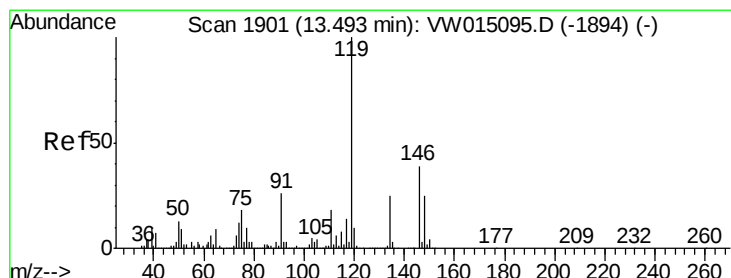
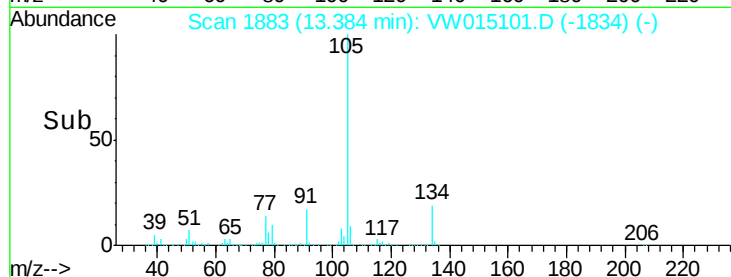
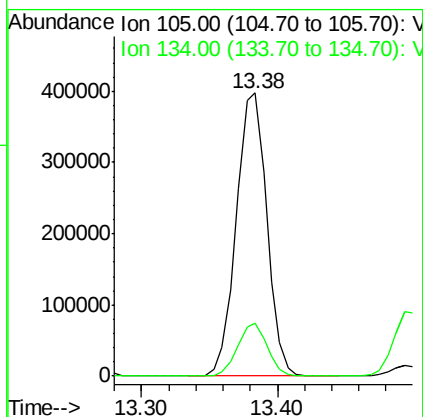
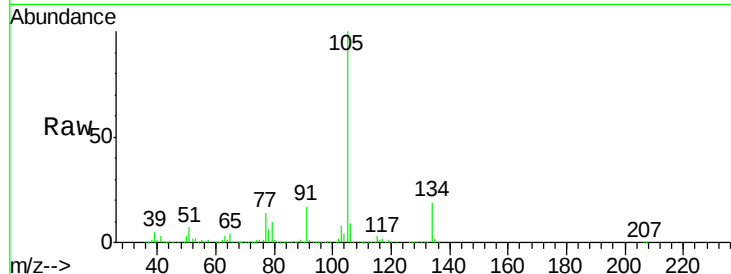




#85
 sec-Butylbenzene
 Concen: 21.27 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

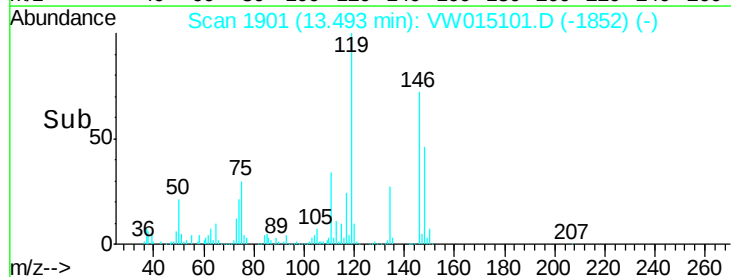
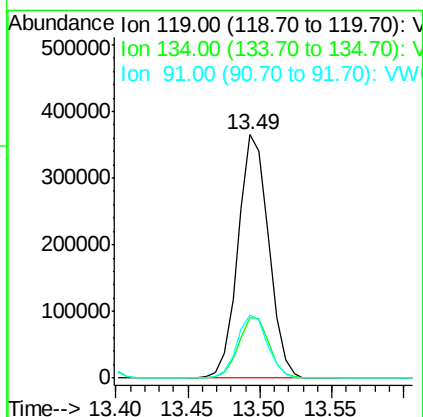
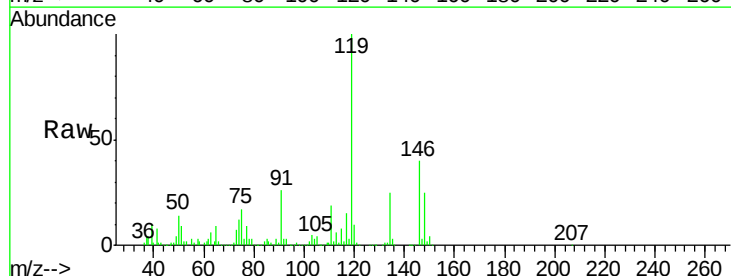
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0309SBSD01

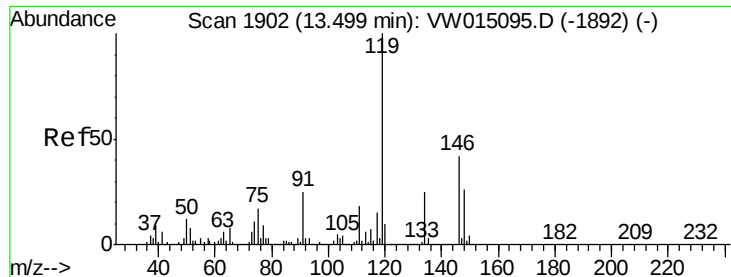
Tgt Ion:105 Resp: 621425
 Ion Ratio Lower Upper
 105 100
 134 18.2 9.0 27.1



#86
 p-Isopropyltoluene
 Concen: 21.36 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. 0.00 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

Tgt Ion:119 Resp: 536461
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.6 37.8
 91 26.0 12.9 38.6

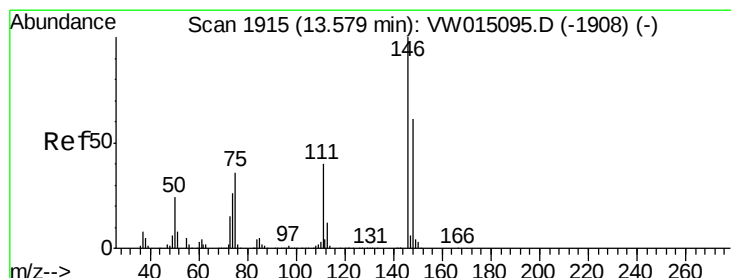
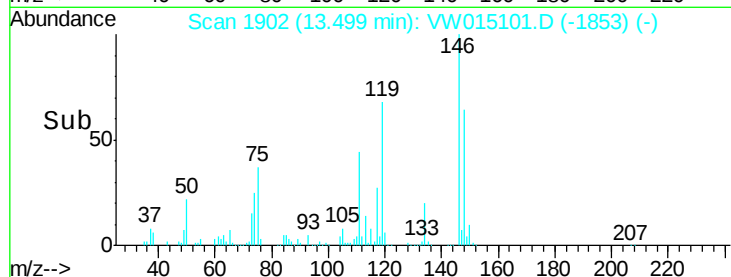
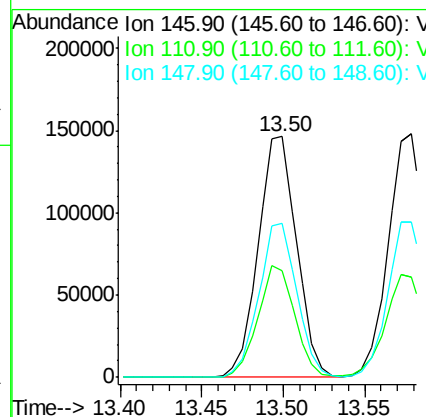
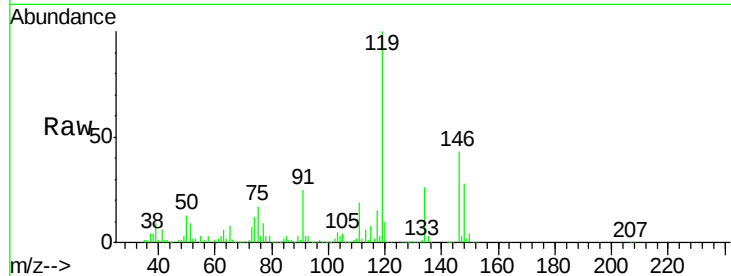




#87
 1,3-Dichlorobenzene
 Concen: 20.71 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

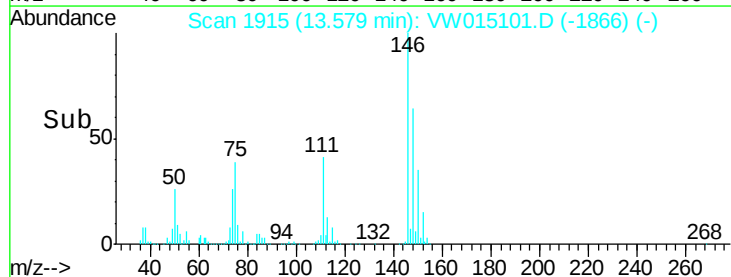
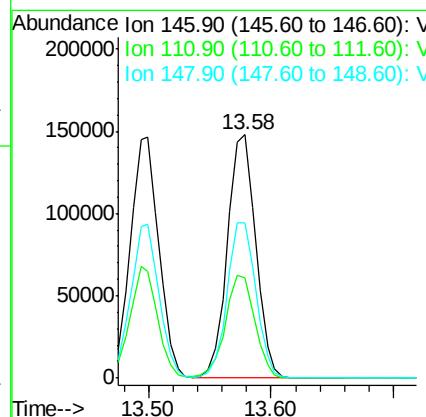
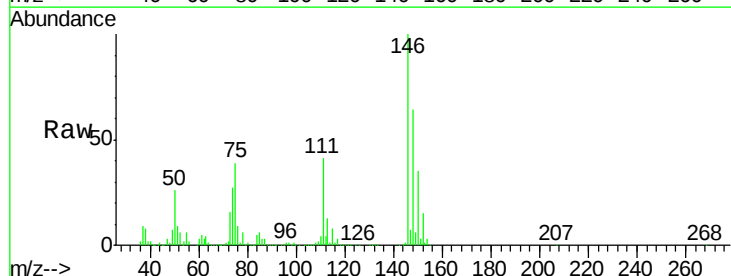
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0309SBSD01

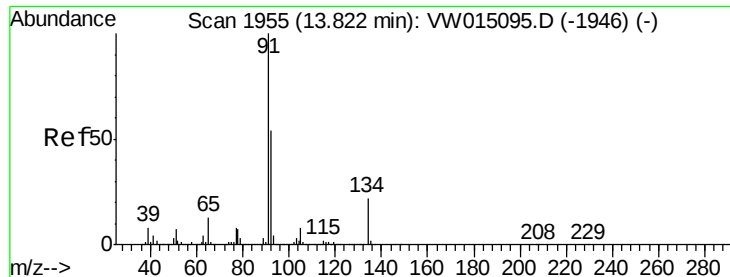
Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.6	22.5	67.5
148	63.4	31.9	95.9



#88
 1,4-Dichlorobenzene
 Concen: 20.73 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.4	21.3	63.9
148	64.8	31.6	94.8





#89

n-Butylbenzene

Concen: 21.15 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Instrument :

MSVOA_W

ClientSampleId :

VW0309SBSD01

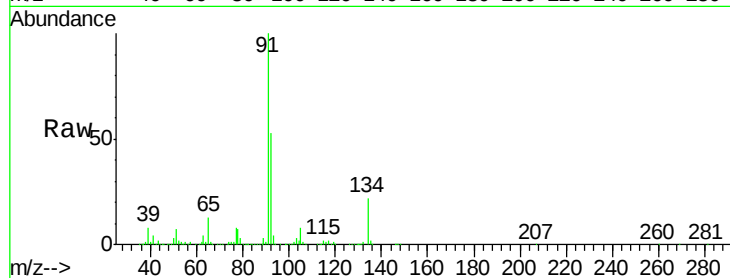
Tgt Ion: 91 Resp: 573004

Ion Ratio Lower Upper

91 100

92 53.4 26.8 80.3

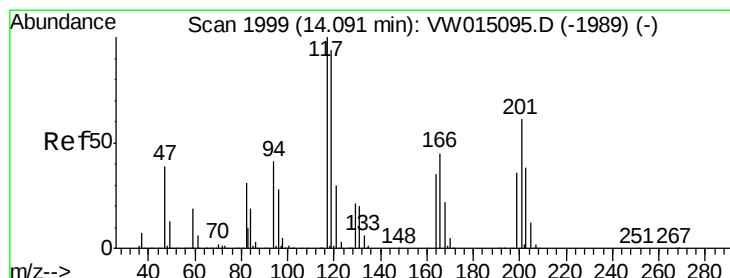
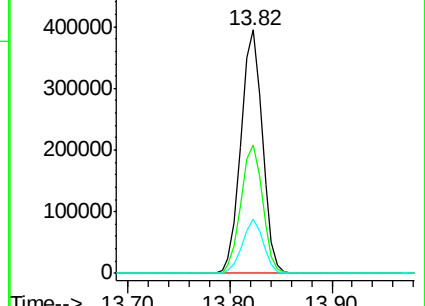
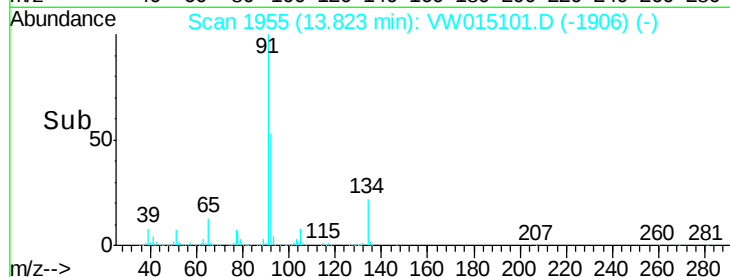
134 21.6 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 20.30 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW015101.D

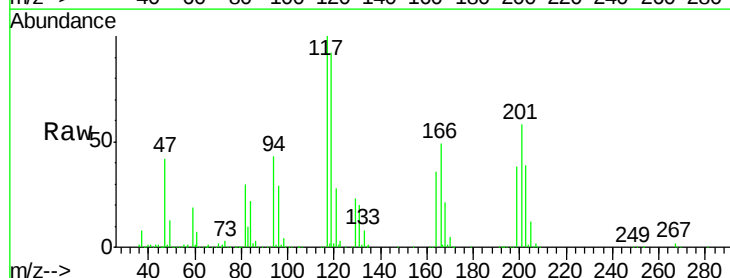
Acq: 09 Mar 2020 16:57

Tgt Ion: 117 Resp: 102269

Ion Ratio Lower Upper

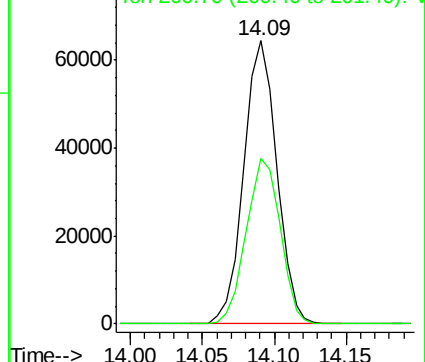
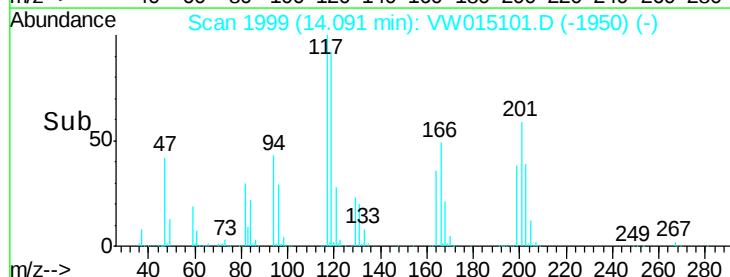
117 100

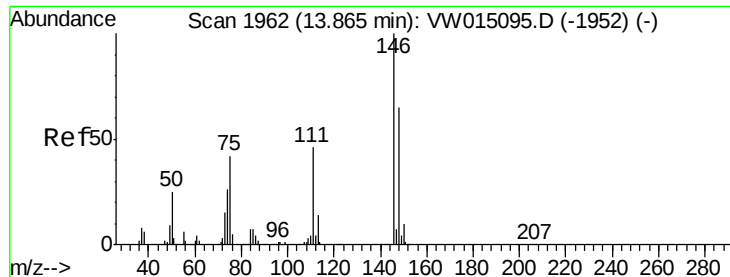
201 60.3 30.3 90.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

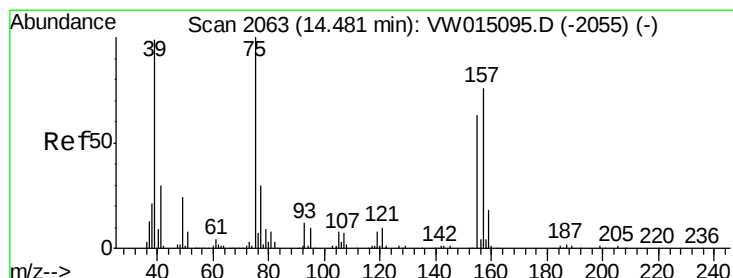
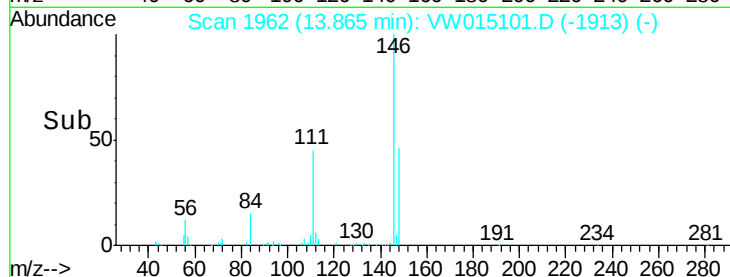
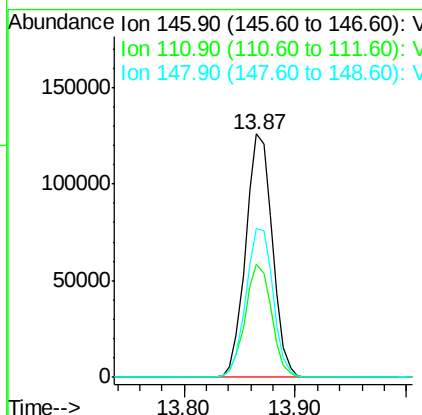
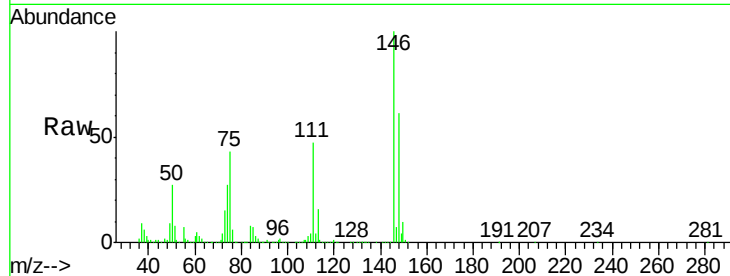




#91
 1,2-Dichlorobenzene
 Concen: 20.63 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. 0.00 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

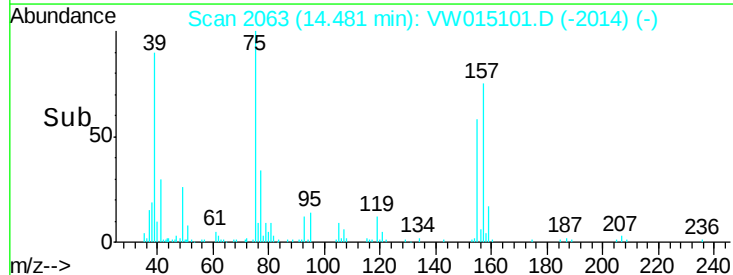
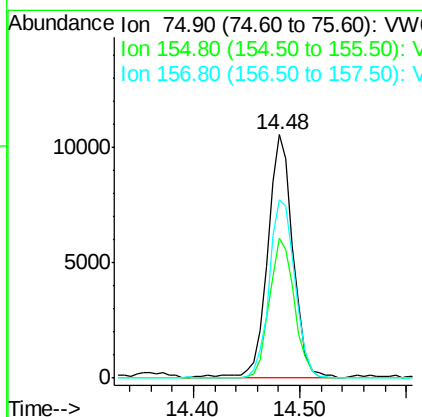
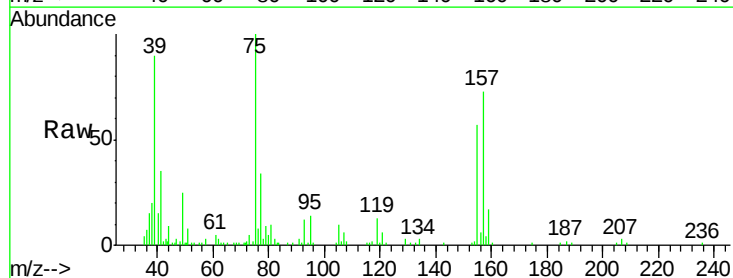
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0309SBSD01

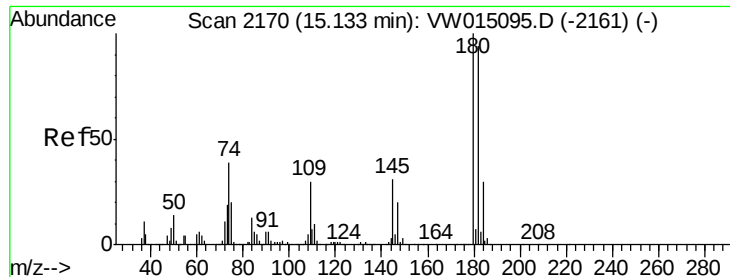
Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.2	23.1	69.2
148	62.3	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.51 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	56.2	32.1	96.3
157	74.1	39.6	118.7

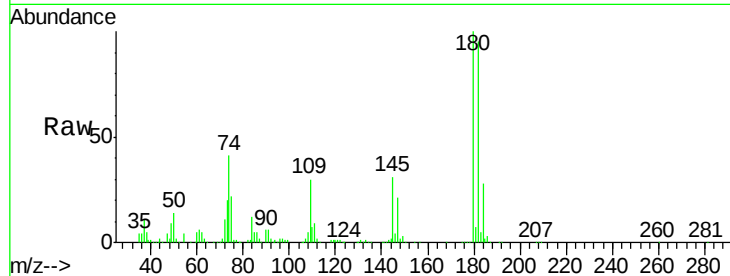




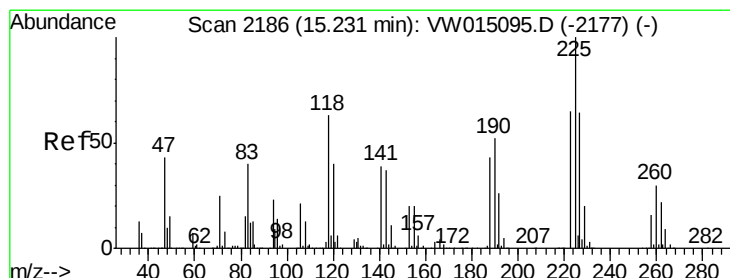
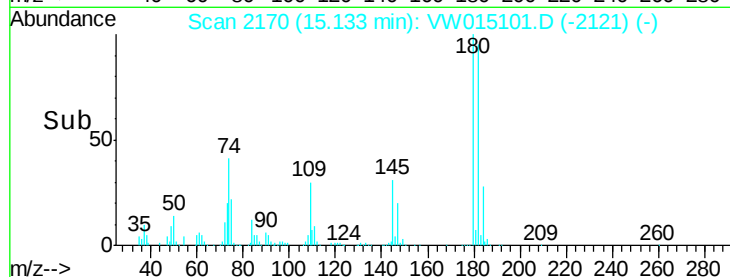
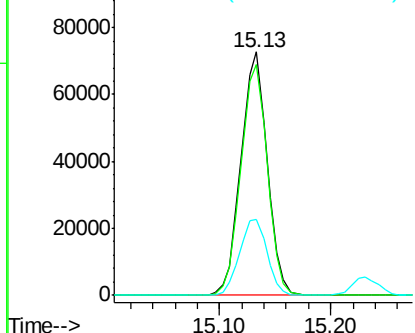
#93
 1,2,4-Trichlorobenzene
 Concen: 20.45 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0309SBSD01

Tgt Ion:180 Resp: 118981
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.6 142.9
 145 32.8 16.2 48.5

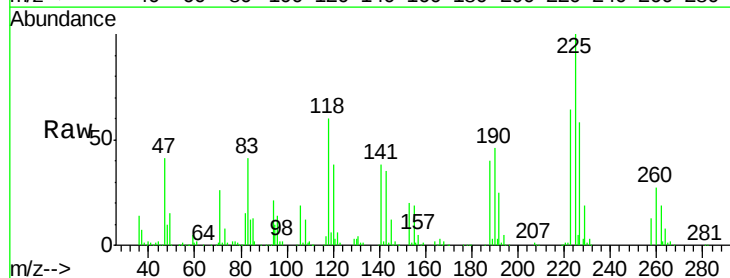


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

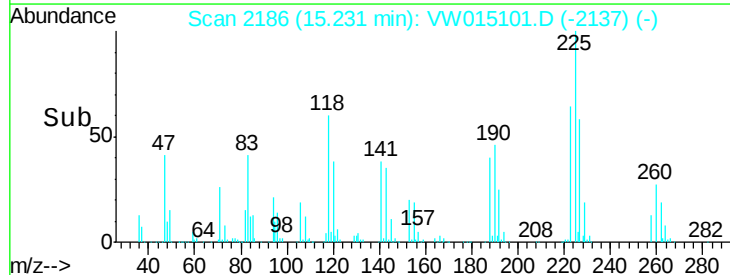
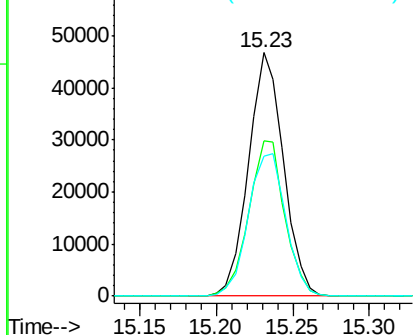


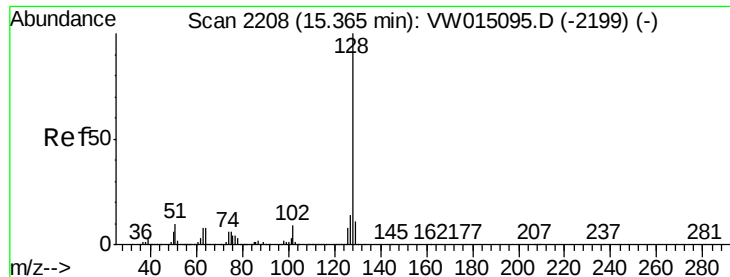
#94
 Hexachlorobutadiene
 Concen: 20.41 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: VW015101.D
 Acq: 09 Mar 2020 16:57

Tgt Ion:225 Resp: 74534
 Ion Ratio Lower Upper
 225 100
 223 65.3 32.5 97.4
 227 62.8 33.0 99.0



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





#95

Naphthalene

Concen: 17.97 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

Instrument :

MSVOA_W

ClientSampleId :

VW0309SBS01

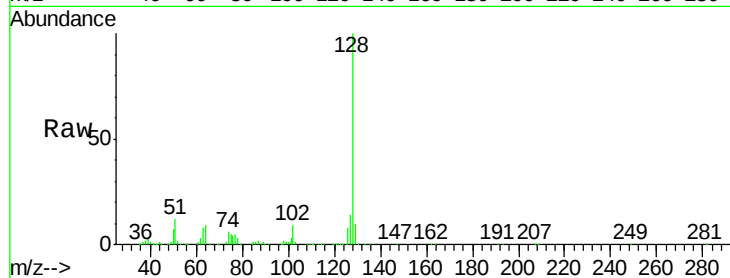
Tgt Ion:128 Resp: 201589

Ion Ratio Lower Upper

128 100

127 13.7 10.7 16.1

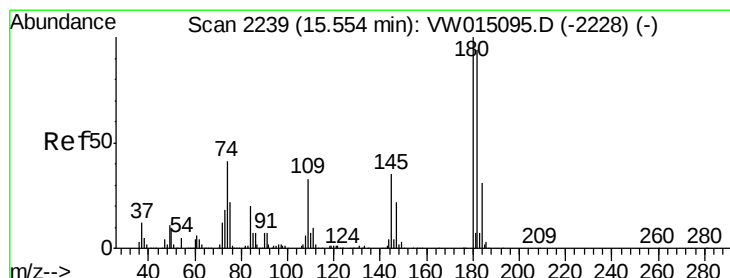
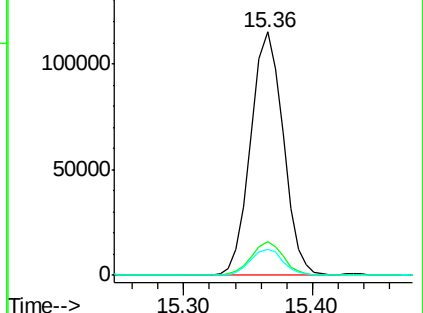
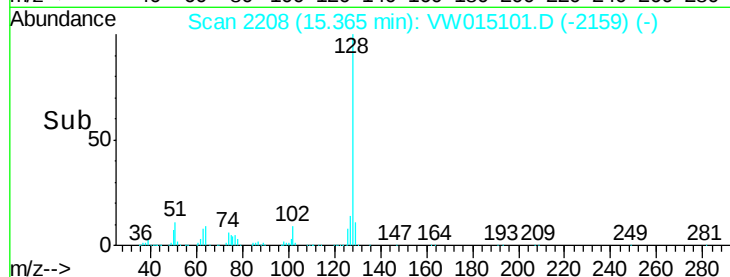
129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.56 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. 0.00 min

Lab File: VW015101.D

Acq: 09 Mar 2020 16:57

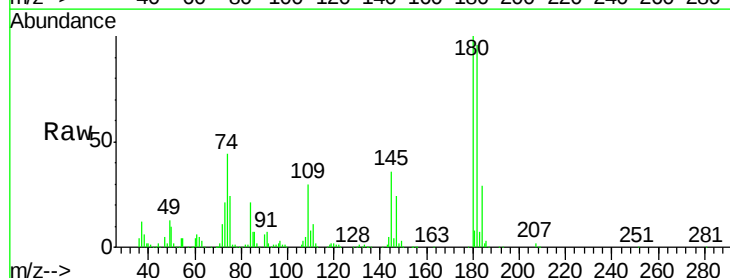
Tgt Ion:180 Resp: 100923

Ion Ratio Lower Upper

180 100

182 94.4 47.9 143.7

145 34.5 17.5 52.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

