

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW012220\
 Data File : VW014713.D
 Acq On : 22 Jan 2020 15:07
 Operator : SY/VA
 Sample : VW0122SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0122SBS01

Quant Time: Jan 22 15:33:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	707132	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1064008	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	924624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	452458	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	350001	56.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.22%	
35) Dibromofluoromethane	7.88	113	334026	54.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.86%	
50) Toluene-d8	10.32	98	1381405	54.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.86%	
62) 4-Bromofluorobenzene	12.62	95	470437	54.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	84899	21.26	ug/l	100
3) Chloromethane	2.21	50	120462	24.65	ug/l	100
4) Vinyl Chloride	2.35	62	168823	23.49	ug/l	100
5) Bromomethane	2.76	94	100382	22.61	ug/l	99
6) Chloroethane	2.91	64	93090	22.72	ug/l	99
7) Trichlorofluoromethane	3.25	101	88150	24.51	ug/l	98
8) Diethyl Ether	3.67	74	77639	21.70	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	150864	22.45	ug/l	99
10) Methyl Iodide	4.26	142	210147	20.73	ug/l	98
11) Tert butyl alcohol	5.15	59	55065	101.93	ug/l	100
12) 1,1-Dichloroethene	4.03	96	152122	21.62	ug/l	92
13) Acrolein	3.89	56	50323	93.26	ug/l	99
14) Allyl chloride	4.66	41	245949	22.87	ug/l	98
15) Acrylonitrile	5.36	53	174937	106.95	ug/l	99
16) Acetone	4.12	43	174652	100.04	ug/l	97
17) Carbon Disulfide	4.38	76	452204	21.32	ug/l	99
18) Methyl Acetate	4.67	43	90658	21.50	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	197934	22.66	ug/l	99
20) Methylene Chloride	4.91	84	195804	25.52	ug/l	90
21) trans-1,2-Dichloroethene	5.42	96	165413	22.14	ug/l	94
22) Diisopropyl ether	6.31	45	477800	23.74	ug/l	99
23) Vinyl Acetate	6.24	43	1368665	112.61	ug/l	98
24) 1,1-Dichloroethane	6.21	63	291441	22.95	ug/l	99
25) 2-Butanone	7.17	43	234352	104.60	ug/l	95
26) 2,2-Dichloropropane	7.16	77	165584	23.56	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	172239	21.94	ug/l	95
28) Bromochloromethane	7.50	49	101279	20.35	ug/l	95
29) Tetrahydrofuran	7.52	42	147395	106.20	ug/l	97
30) Chloroform	7.67	83	273035	23.00	ug/l	99
31) Cyclohexane	7.95	56	293348	22.23	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	223029	23.36	ug/l	99
36) 1,1-Dichloropropene	8.07	75	231249	22.54	ug/l	99
37) Ethyl Acetate	7.24	43	102637	22.06	ug/l	98
38) Carbon Tetrachloride	8.06	117	199757	22.45	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW012220\
 Data File : VW014713.D
 Acq On : 22 Jan 2020 15:07
 Operator : SY/VA
 Sample : VW0122SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0122SBSD01

Quant Time: Jan 22 15:33:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	286751	21.78	ug/l	95
40) Benzene	8.32	78	655170	22.57	ug/l	100
41) Methacrylonitrile	7.48	41	62444	24.08	ug/l	89
42) 1,2-Dichloroethane	8.40	62	172079	22.85	ug/l	98
43) Isopropyl Acetate	8.42	43	182650	21.62	ug/l	99
44) Trichloroethene	9.09	130	172102	21.91	ug/l	97
45) 1,2-Dichloropropane	9.37	63	162297	22.79	ug/l	99
46) Dibromomethane	9.45	93	76754	21.83	ug/l	97
47) Bromodichloromethane	9.64	83	195445	22.52	ug/l	98
48) Methyl methacrylate	9.43	41	88821	21.53	ug/l	98
49) 1,4-Dioxane	9.44	88	26152	397.70	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	473954	108.04	ug/l	99
52) Toluene	10.38	92	411591	22.54	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	195614	21.77	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	241251	21.96	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	111149	21.65	ug/l	99
56) Ethyl methacrylate	10.64	69	140264	21.02	ug/l	96
57) 1,3-Dichloropropane	10.93	76	199689	22.13	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	218796	107.81	ug/l	98
59) 2-Hexanone	10.96	43	320239	105.93	ug/l	98
60) Dibromochloromethane	11.13	129	122301	21.11	ug/l	97
61) 1,2-Dibromoethane	11.23	107	103240	21.18	ug/l	100
64) Tetrachloroethene	10.86	164	143806	21.48	ug/l	98
65) Chlorobenzene	11.65	112	415070	21.91	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	140338	22.00	ug/l	98
67) Ethyl Benzene	11.73	91	764956	22.41	ug/l	98
68) m/p-Xylenes	11.83	106	577029	44.17	ug/l	97
69) o-Xylene	12.16	106	264188	21.89	ug/l	99
70) Styrene	12.18	104	450274	22.06	ug/l	99
71) Bromoform	12.35	173	70254	20.19	ug/l #	99
73) Isopropylbenzene	12.46	105	736088	22.17	ug/l	99
74) N-amyl acetate	12.27	43	160609	21.58	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	126955	21.19	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	162828	38.06	ug/l #	100
77) Bromobenzene	12.74	156	164855	21.38	ug/l	96
78) n-propylbenzene	12.80	91	883123	22.62	ug/l	98
79) 2-Chlorotoluene	12.89	91	496593	22.35	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	620068	22.24	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	40058	20.86	ug/l	93
82) 4-Chlorotoluene	12.99	91	516123	22.36	ug/l	99
83) tert-Butylbenzene	13.20	119	537240	22.01	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	617933	22.28	ug/l	100
85) sec-Butylbenzene	13.38	105	750163	22.21	ug/l	99
86) p-Isopropyltoluene	13.49	119	687278	22.32	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	327165	21.82	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	323058	21.82	ug/l	99
89) n-Butylbenzene	13.82	91	645352	22.57	ug/l	98
90) Hexachloroethane	14.09	117	114750	21.33	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	287592	21.82	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	19446	20.49	ug/l	95

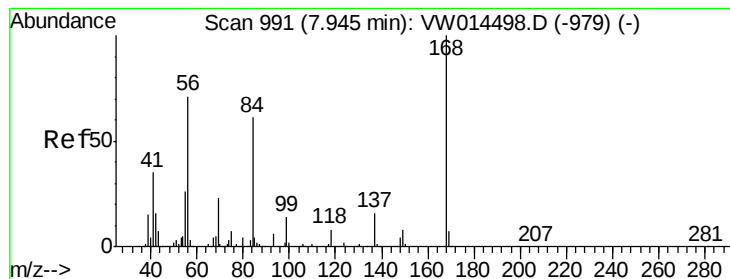
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW012220\
Data File : VW014713.D
Acq On : 22 Jan 2020 15:07
Operator : SY/VA
Sample : VW0122SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBSD01

Quant Time: Jan 22 15:33:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	195487	21.97	ug/l	100
94) Hexachlorobutadiene	15.23	225	126345	21.18	ug/l	99
95) Naphthalene	15.36	128	313967	20.69	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	166126	21.42	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW014713.D

Acq: 22 Jan 2020 15:07

Instrument :

MSVOA_W

ClientSampleId :

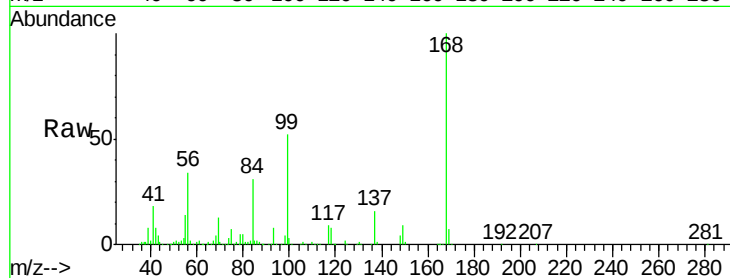
VW0122SBSD01

Tgt Ion:168 Resp: 707132

Ion Ratio Lower Upper

168 100

99 52.2 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

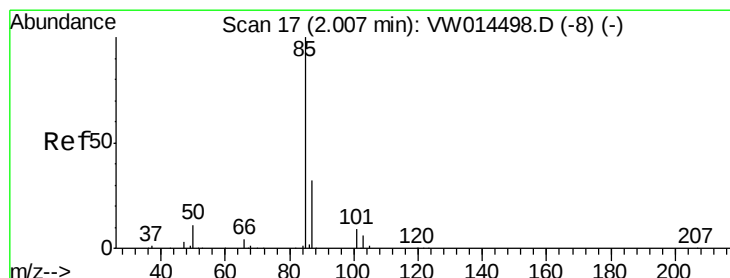
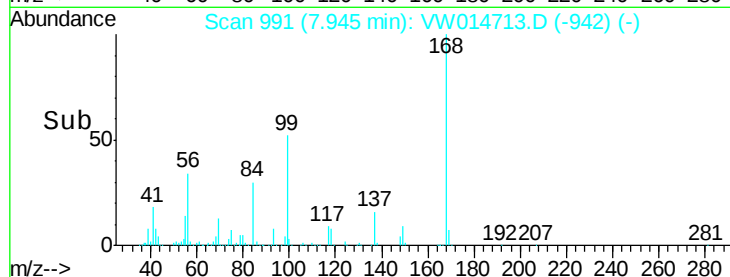
300000

200000

100000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 21.26 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW014713.D

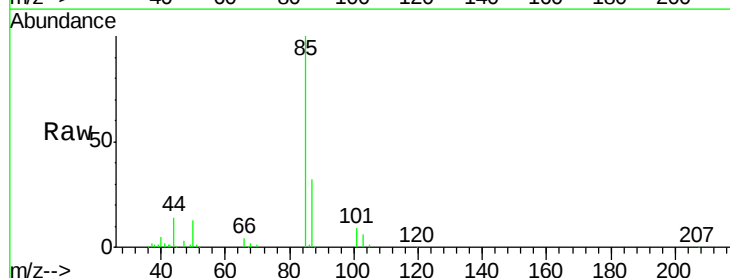
Acq: 22 Jan 2020 15:07

Tgt Ion: 85 Resp: 84899

Ion Ratio Lower Upper

85 100

87 32.4 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

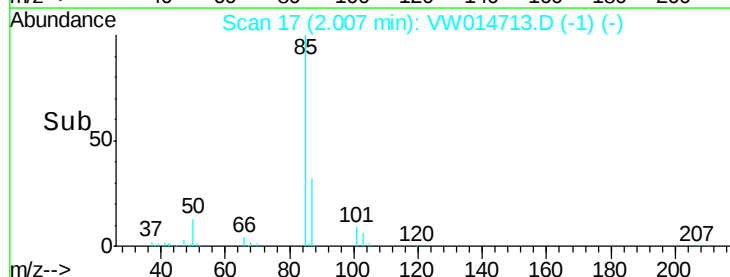
30000

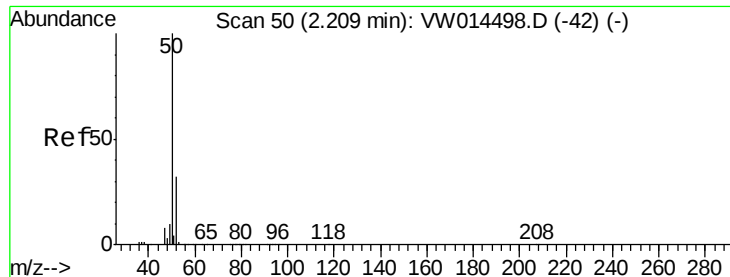
20000

10000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 24.65 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW014713.D

Acq: 22 Jan 2020 15:07

Instrument :

MSVOA_W

ClientSampleId :

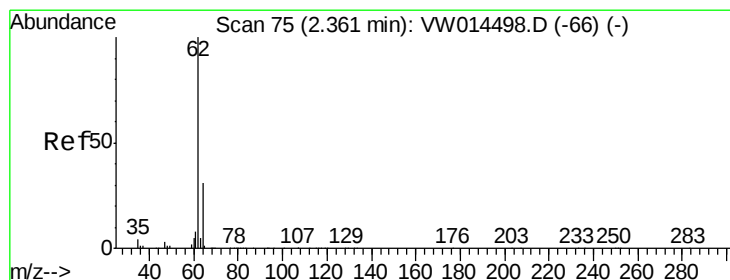
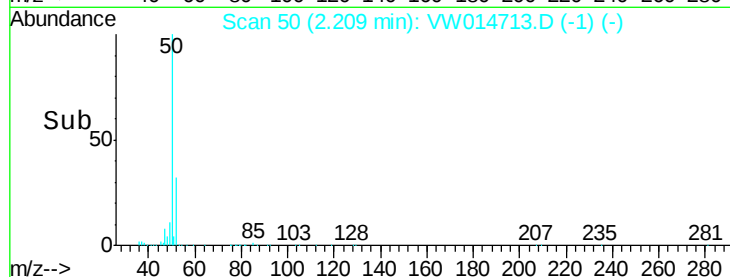
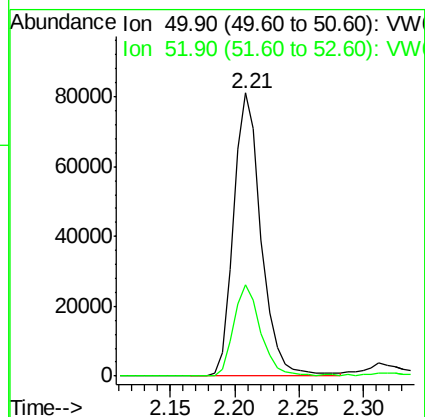
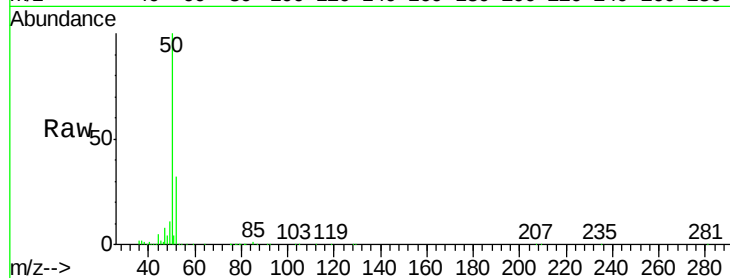
VW0122SBSD01

Tgt Ion: 50 Resp: 120462

Ion Ratio Lower Upper

50 100

52 32.3 25.8 38.8



#4

Vinyl Chloride

Concen: 23.49 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW014713.D

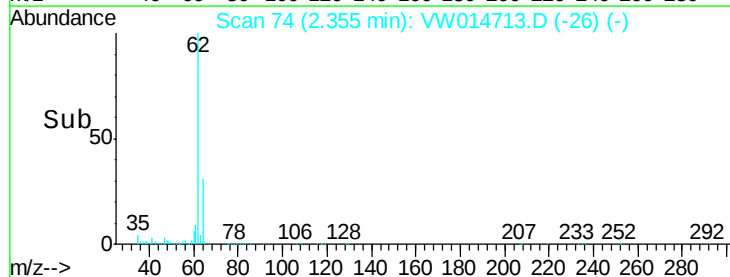
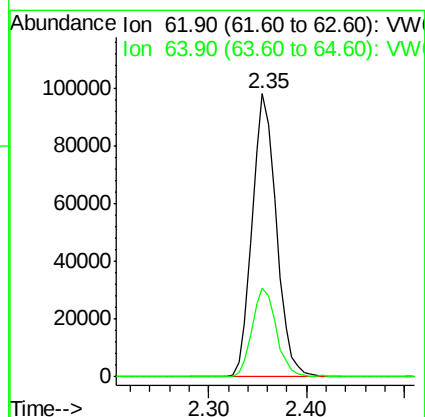
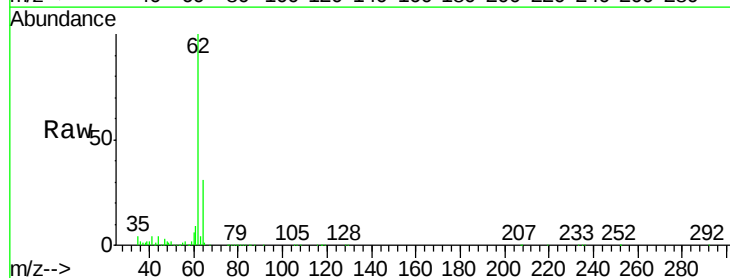
Acq: 22 Jan 2020 15:07

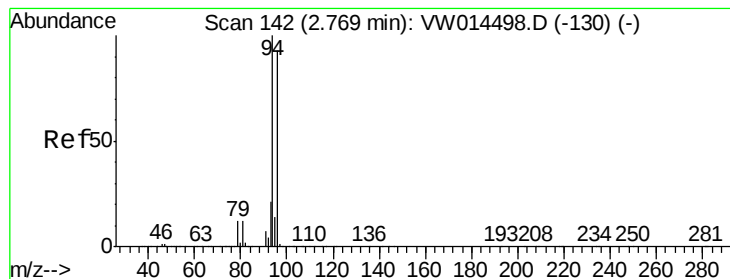
Tgt Ion: 62 Resp: 168823

Ion Ratio Lower Upper

62 100

64 31.4 25.0 37.4





#5

Bromomethane

Concen: 22.61 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW014713.D

Acq: 22 Jan 2020 15:07

Instrument :

MSVOA_W

ClientSampleId :

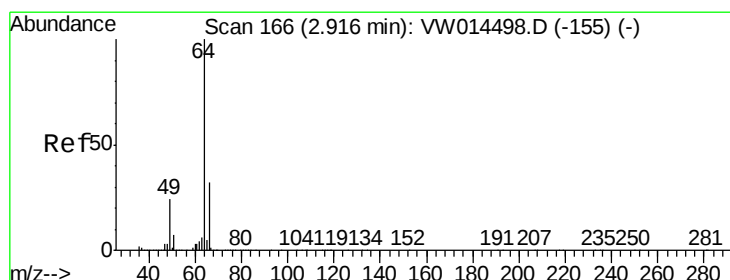
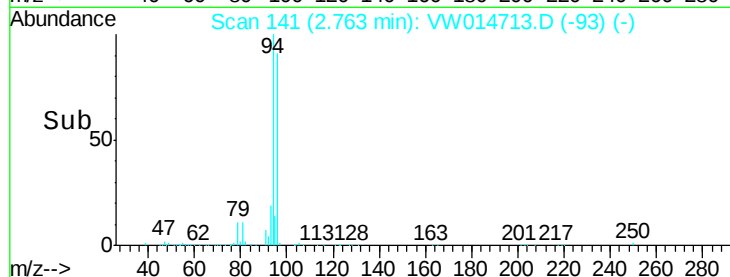
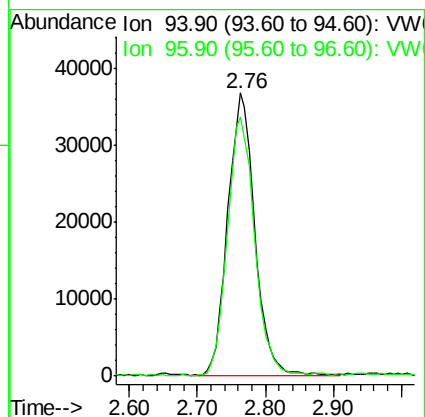
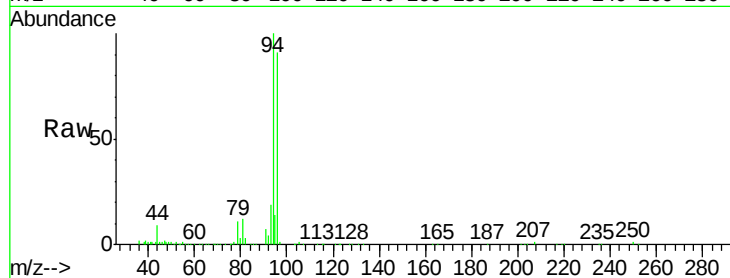
VW0122SBSD01

Tgt Ion: 94 Resp: 100382

Ion Ratio Lower Upper

94 100

96 91.4 74.2 111.2



#6

Chloroethane

Concen: 22.72 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW014713.D

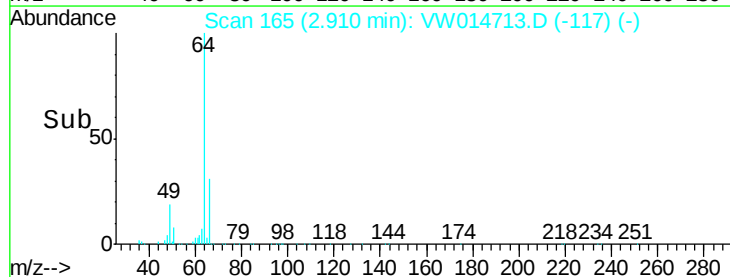
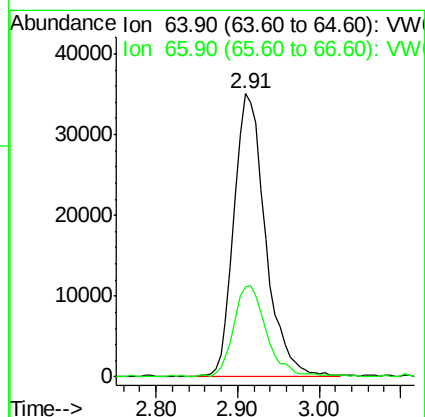
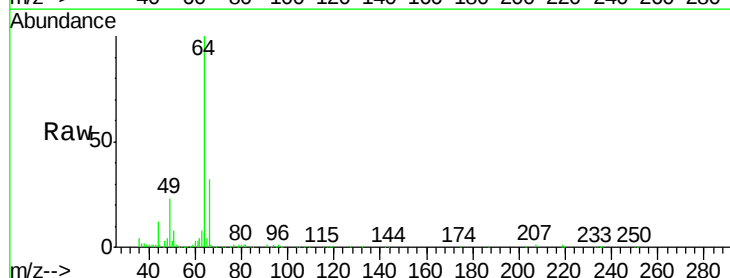
Acq: 22 Jan 2020 15:07

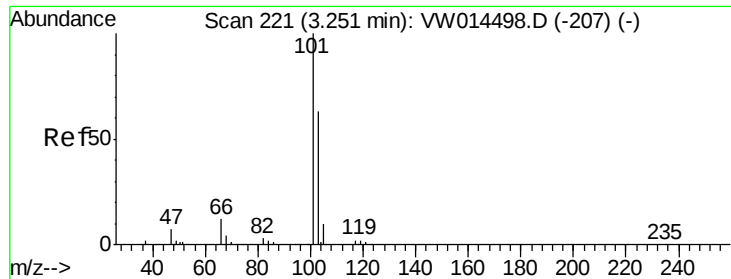
Tgt Ion: 64 Resp: 93090

Ion Ratio Lower Upper

64 100

66 31.5 25.7 38.5



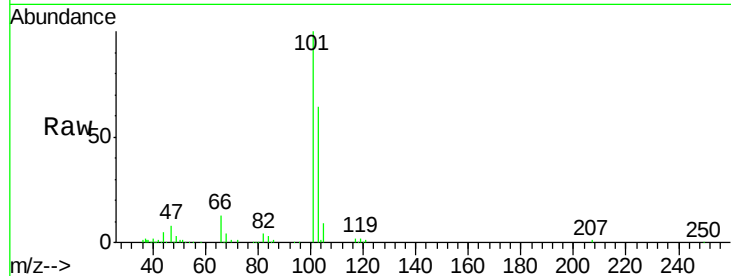


#7

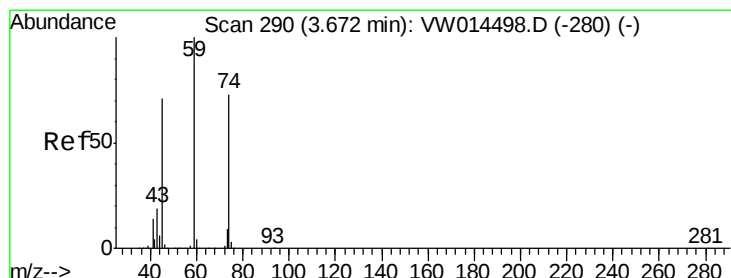
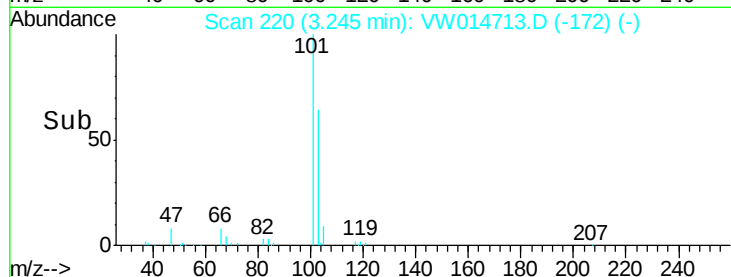
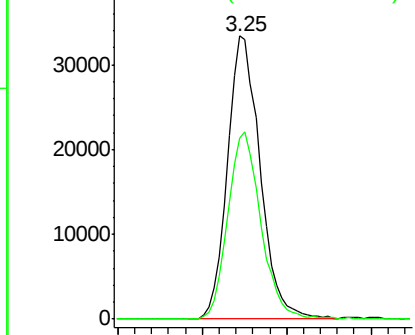
Trichlorofluoromethane
Concen: 24.51 ug/l
RT: 3.25 min Scan# 220
Delta R.T. -0.01 min
Lab File: VW014713.D
Acq: 22 Jan 2020 15:07

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBSD01

Tgt Ion:101 Resp: 88150
Ion Ratio Lower Upper
101 100
103 64.0 50.1 75.1



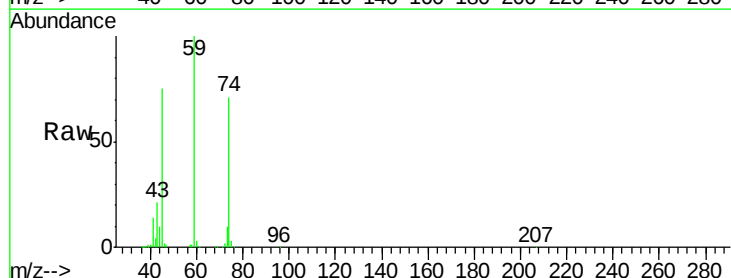
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



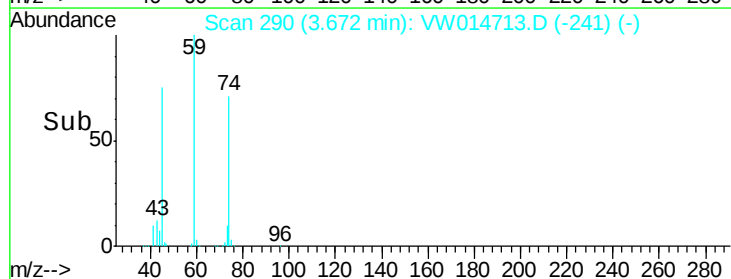
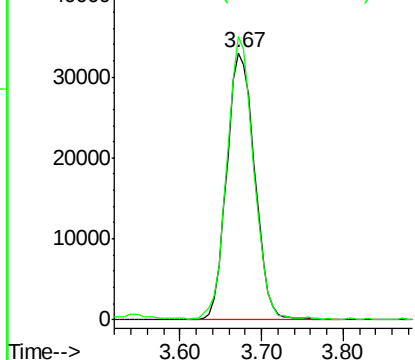
#8

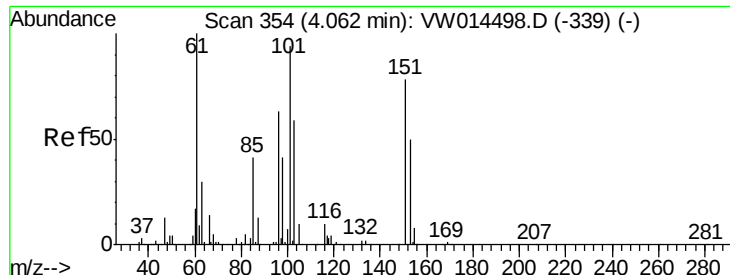
Diethyl Ether
Concen: 21.70 ug/l
RT: 3.67 min Scan# 290
Delta R.T. 0.00 min
Lab File: VW014713.D
Acq: 22 Jan 2020 15:07

Tgt Ion: 74 Resp: 77639
Ion Ratio Lower Upper
74 100
45 101.2 48.6 145.8



Abundance Ion 74.00 (73.70 to 74.70): VW
Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.45 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW014713.D

Acq: 22 Jan 2020 15:07

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBSD01

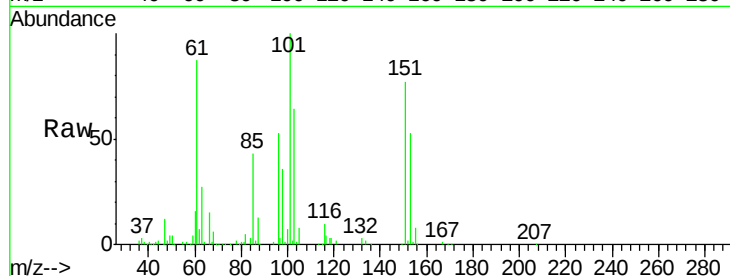
Tgt Ion:101 Resp: 150864

Ion Ratio Lower Upper

101 100

85 42.8 33.7 50.5

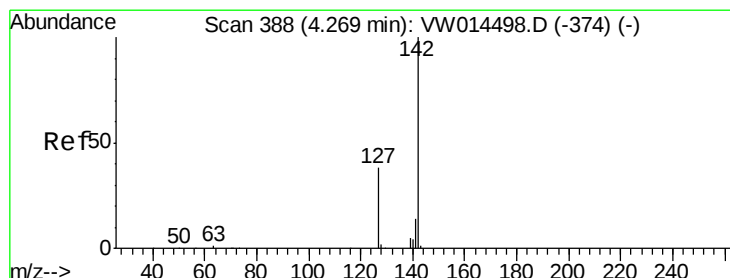
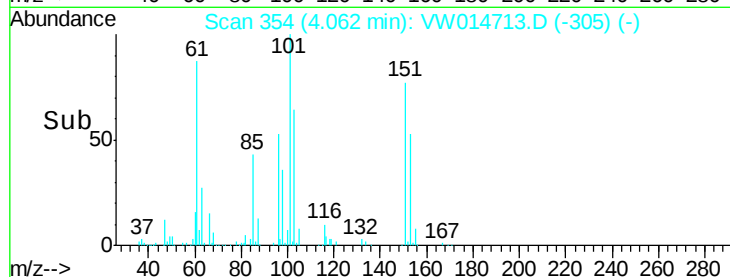
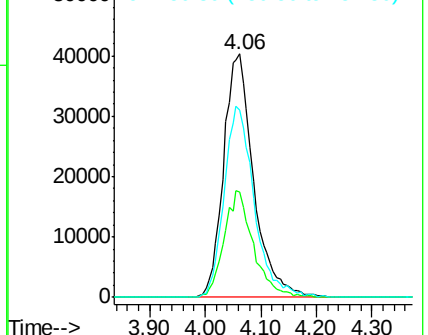
151 78.7 63.5 95.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.73 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW014713.D

Acq: 22 Jan 2020 15:07

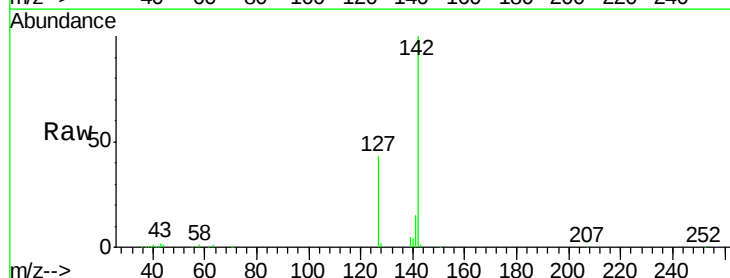
Tgt Ion:142 Resp: 210147

Ion Ratio Lower Upper

142 100

127 39.5 30.2 45.4

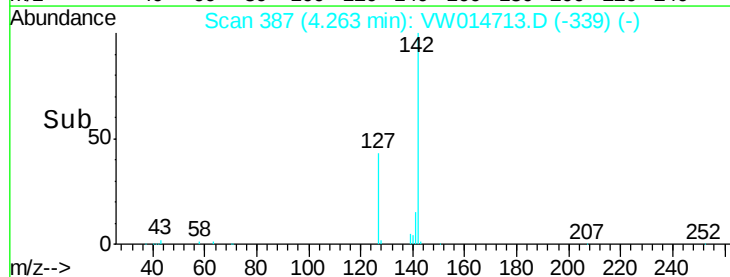
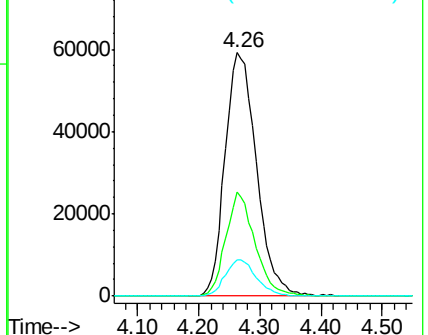
141 14.9 11.4 17.2

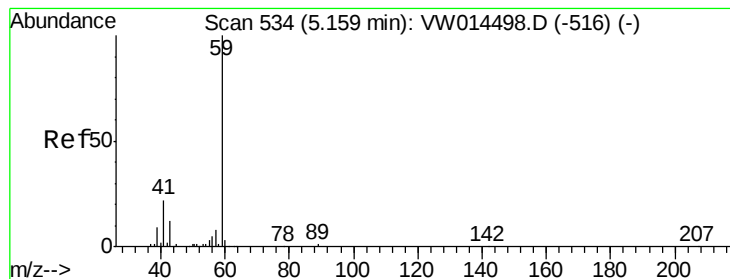


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



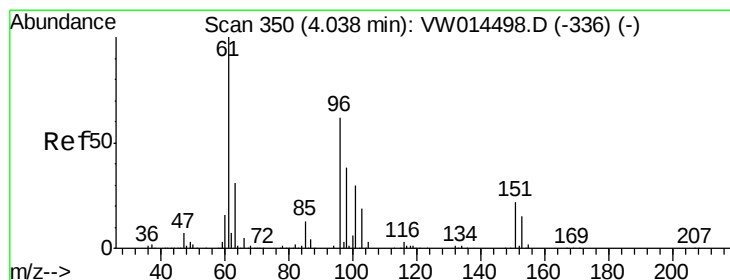
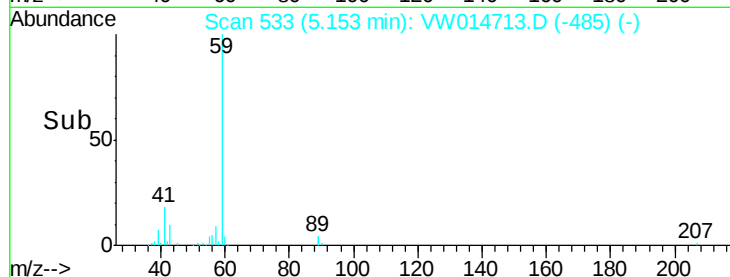
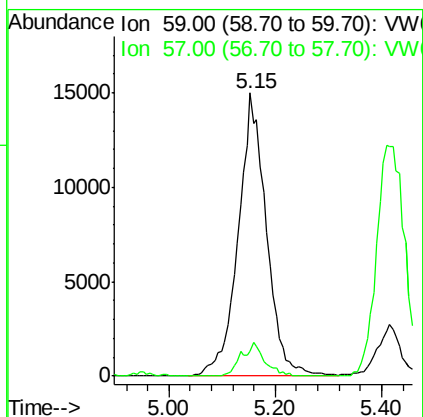
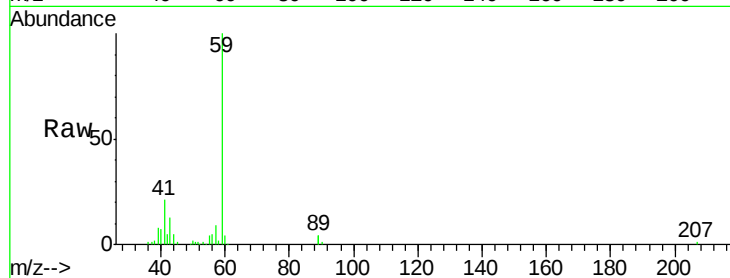


#11

Tert butyl alcohol
Concen: 101.93 ug/l
RT: 5.15 min Scan# 533
Delta R.T. -0.01 min
Lab File: VW014713.D
Acq: 22 Jan 2020 15:07

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBSD01

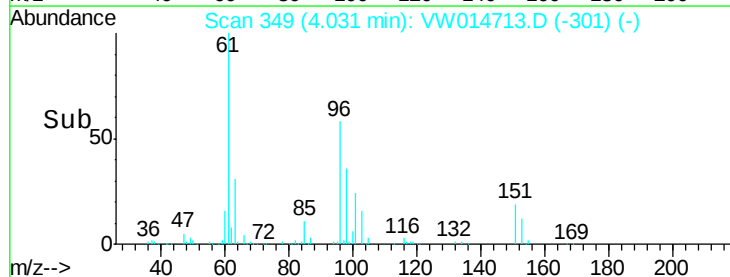
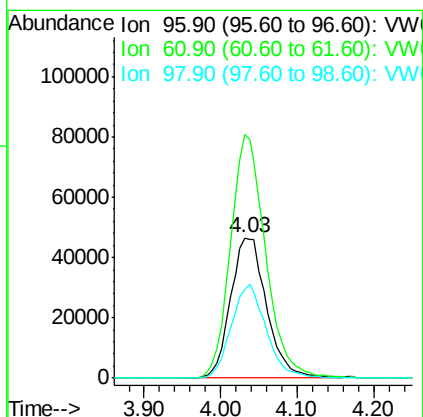
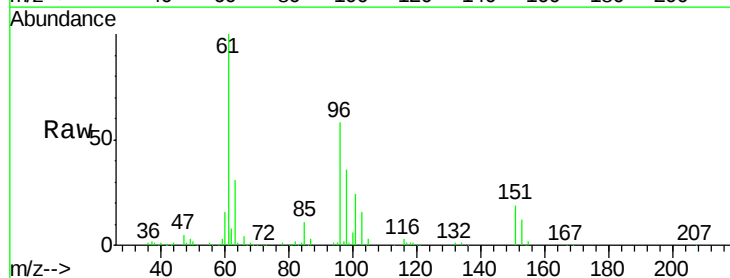
Tgt Ion: 59 Resp: 55065
Ion Ratio Lower Upper
59 100
57 9.9 7.8 11.8

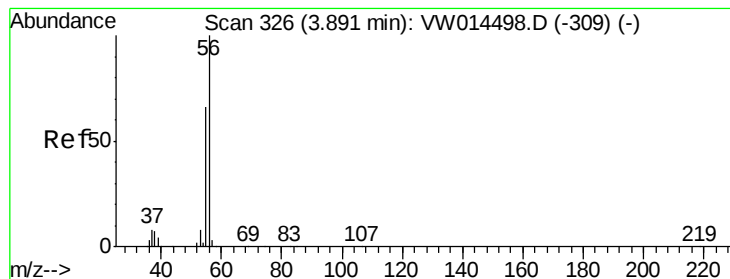


#12

1,1-Dichloroethene
Concen: 21.62 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW014713.D
Acq: 22 Jan 2020 15:07

Tgt Ion: 96 Resp: 152122
Ion Ratio Lower Upper
96 100
61 173.7 128.4 192.6
98 63.3 49.1 73.7





#13

Acrolein

Concen: 93.26 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW014713.D

Acq: 22 Jan 2020 15:07

Instrument :

MSVOA_W

ClientSampleId :

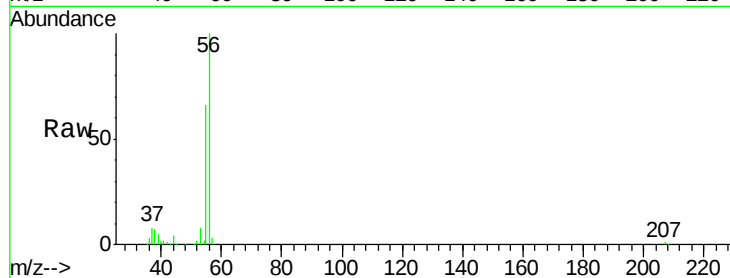
VW0122SBSD01

Tgt Ion: 56 Resp: 50323

Ion Ratio Lower Upper

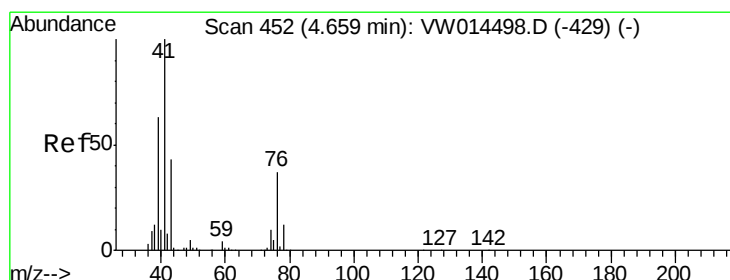
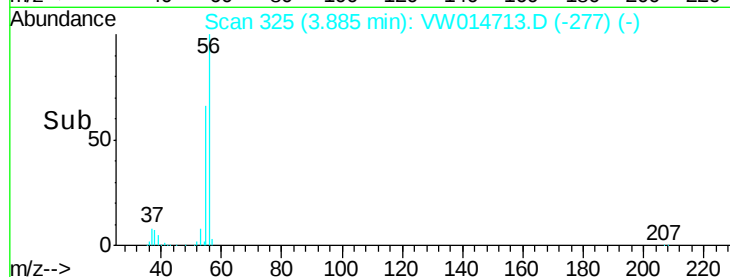
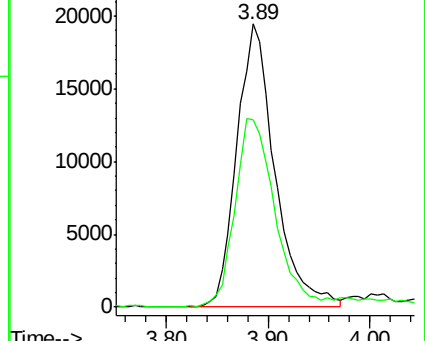
56 100

55 70.4 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 22.87 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW014713.D

Acq: 22 Jan 2020 15:07

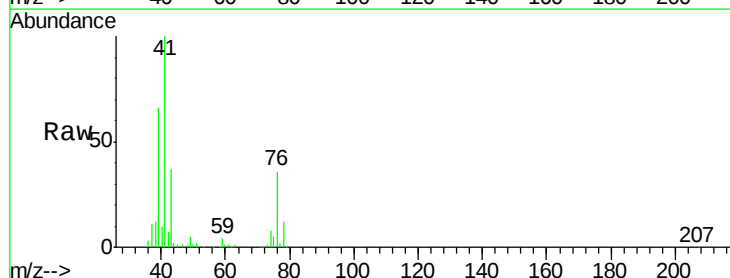
Tgt Ion: 41 Resp: 245949

Ion Ratio Lower Upper

41 100

39 62.3 48.5 72.7

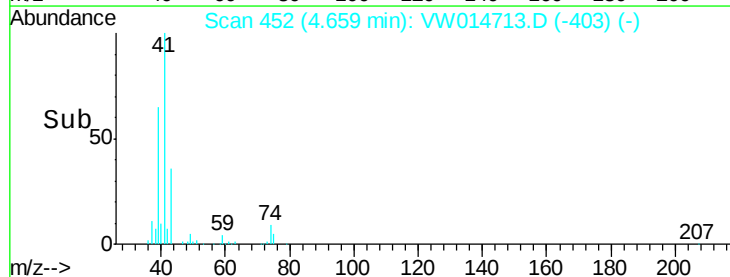
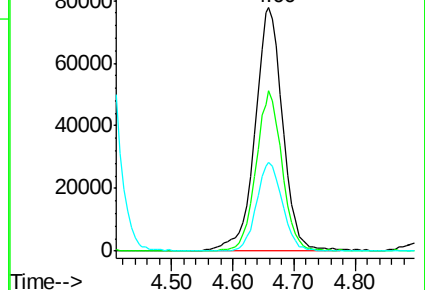
76 34.3 28.1 42.1

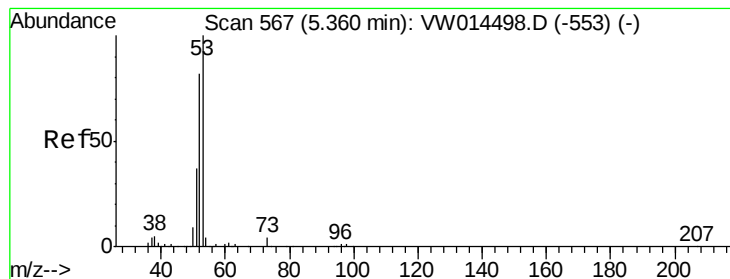


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 106.95 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW014713.D

Acq: 22 Jan 2020 15:07

Instrument :

MSVOA_W

ClientSampled :

VW0122SBSD01

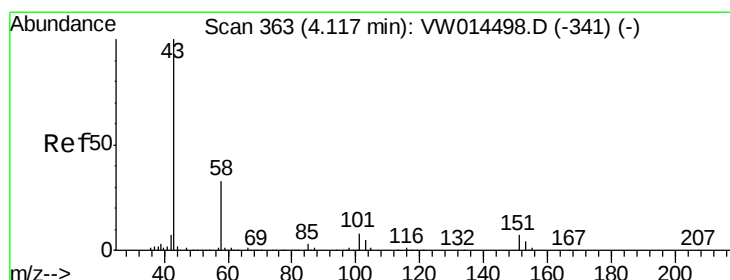
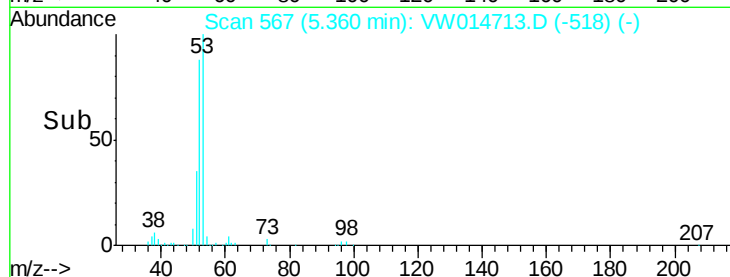
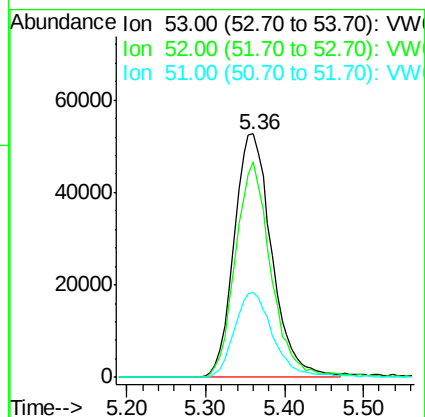
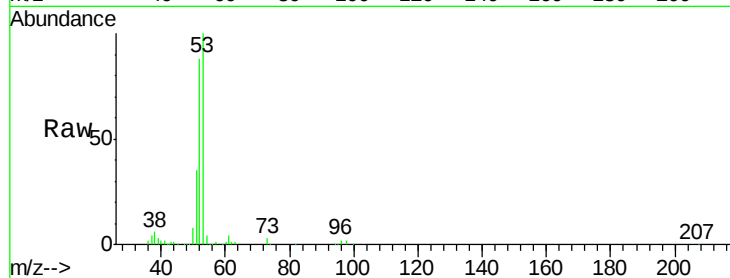
Tgt Ion: 53 Resp: 174937

Ion Ratio Lower Upper

53 100

52 82.2 66.5 99.7

51 36.0 28.4 42.6



#16

Acetone

Concen: 100.04 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW014713.D

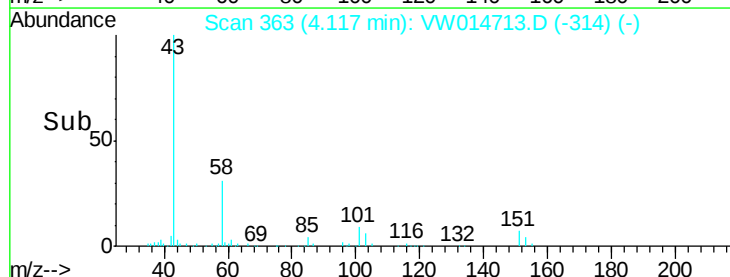
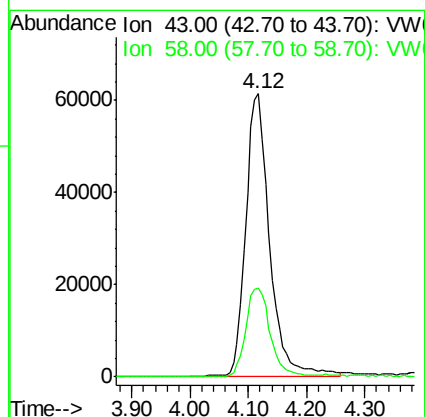
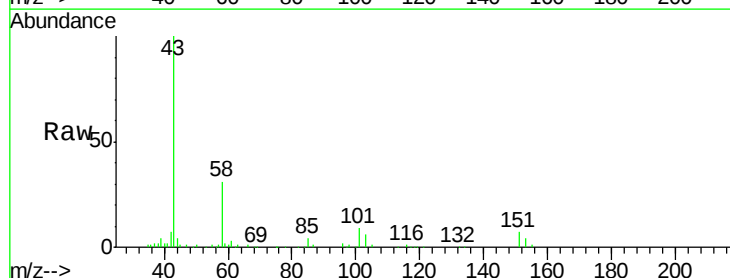
Acq: 22 Jan 2020 15:07

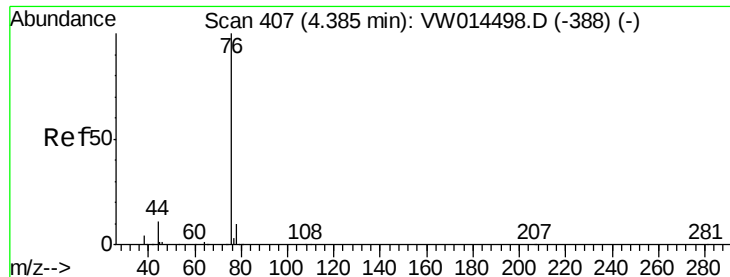
Tgt Ion: 43 Resp: 174652

Ion Ratio Lower Upper

43 100

58 31.3 26.6 39.8

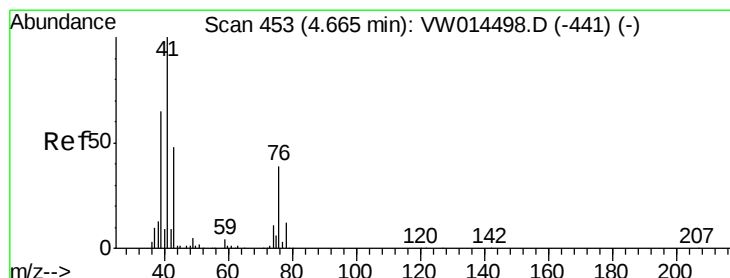
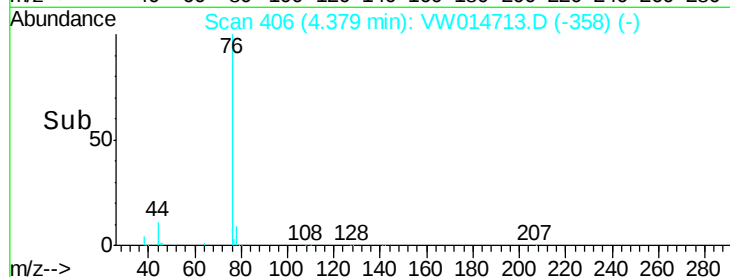
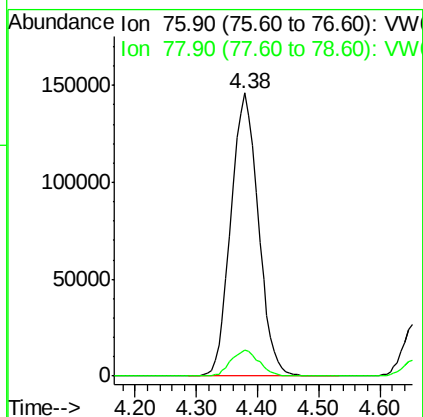
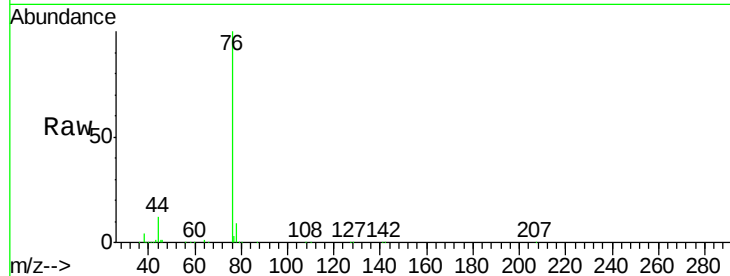




#17
Carbon Disulfide
Concen: 21.32 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW014713.D
Acq: 22 Jan 2020 15:07

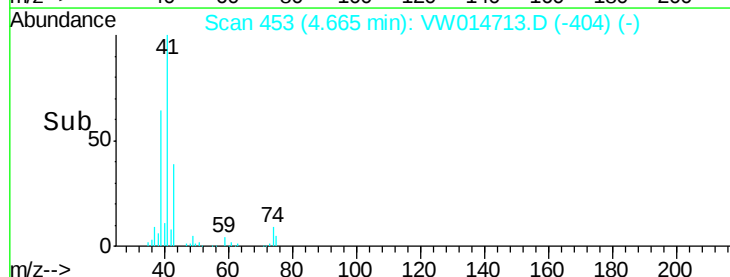
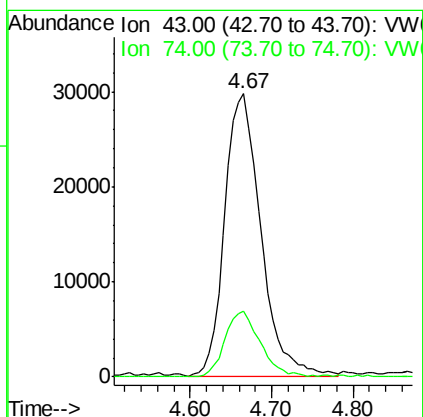
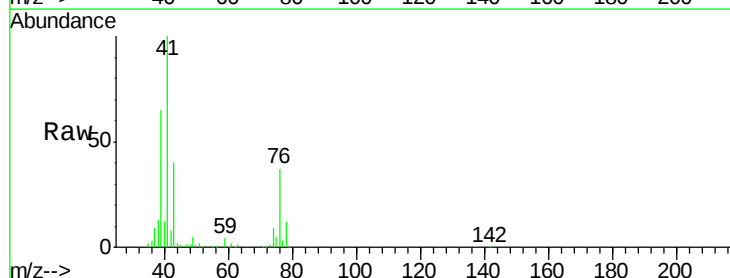
Instrument :
MSVOA_W
ClientSampleId :
VW0122SBSD01

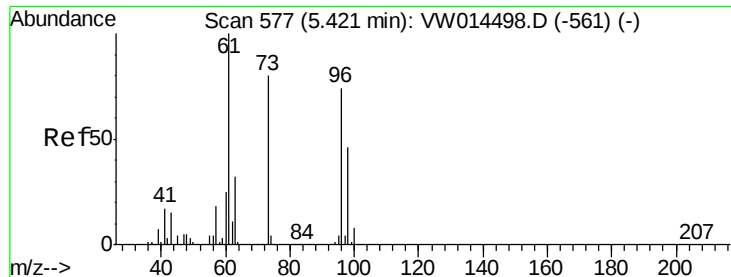
Tgt Ion: 76 Resp: 452204
Ion Ratio Lower Upper
76 100
78 9.3 7.8 11.6



#18
Methyl Acetate
Concen: 21.50 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW014713.D
Acq: 22 Jan 2020 15:07

Tgt Ion: 43 Resp: 90658
Ion Ratio Lower Upper
43 100
74 22.9 19.3 28.9

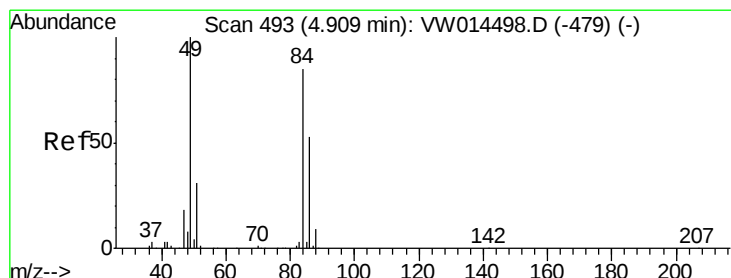
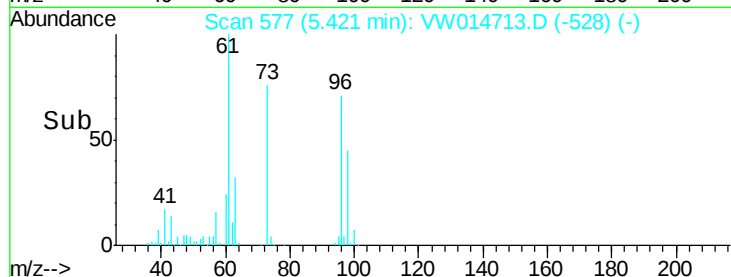
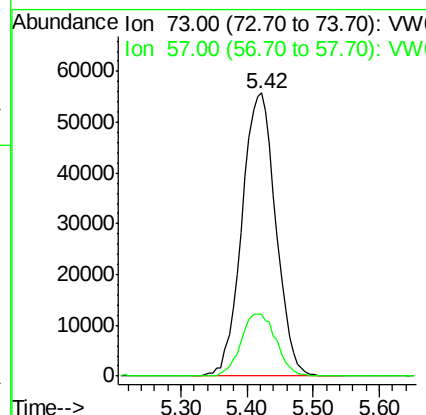
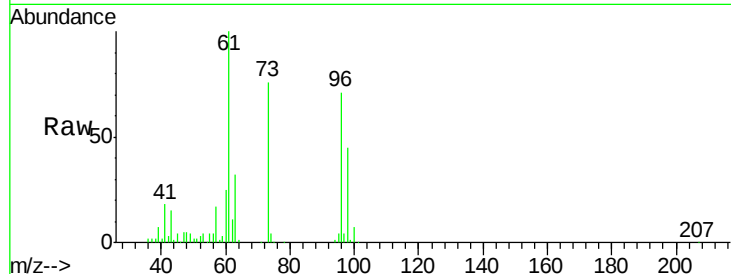




#19
Methyl tert-butyl Ether
Concen: 22.66 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW014713.D
Acq: 22 Jan 2020 15:07

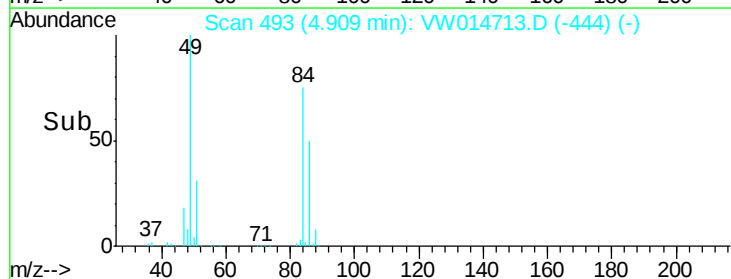
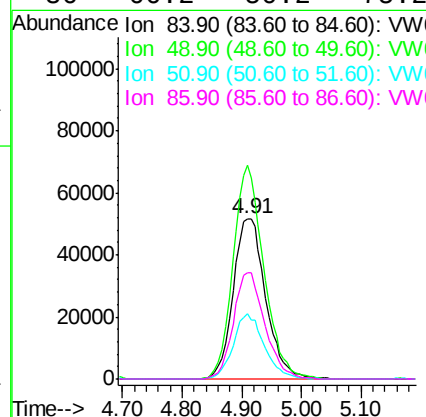
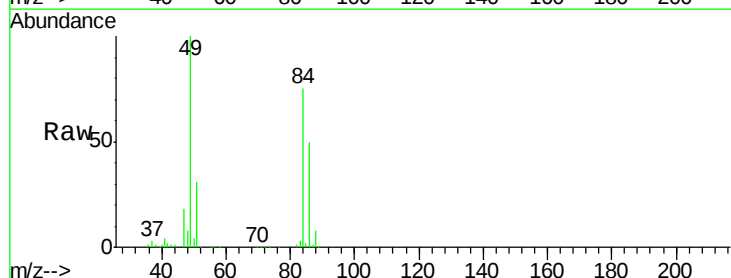
Instrument :
MSVOA_W
ClientSampleId :
VW0122SBSD01

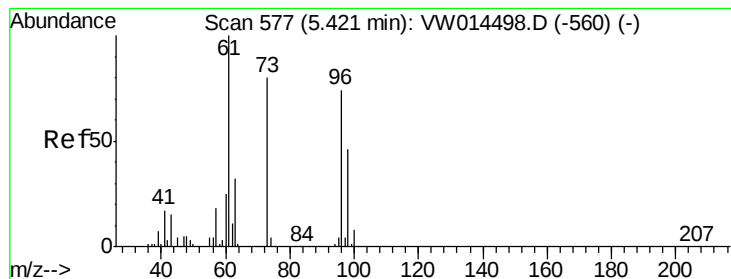
Tgt Ion: 73 Resp: 197934
Ion Ratio Lower Upper
73 100
57 21.9 18.1 27.1



#20
Methylene Chloride
Concen: 25.52 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW014713.D
Acq: 22 Jan 2020 15:07

Tgt Ion: 84 Resp: 195804
Ion Ratio Lower Upper
84 100
49 133.4 94.4 141.6
51 40.8 29.5 44.3
86 66.2 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 22.14 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW014713.D

Acq: 22 Jan 2020 15:07

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBSD01

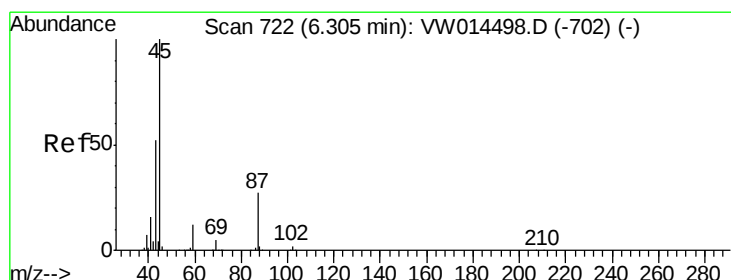
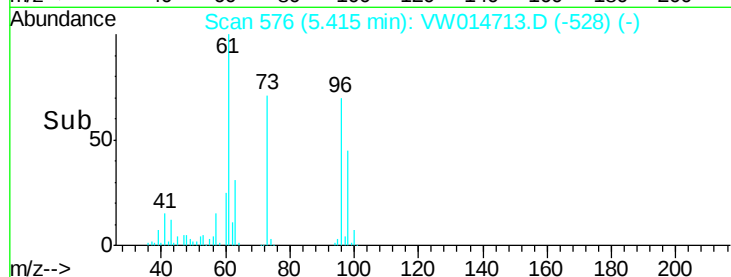
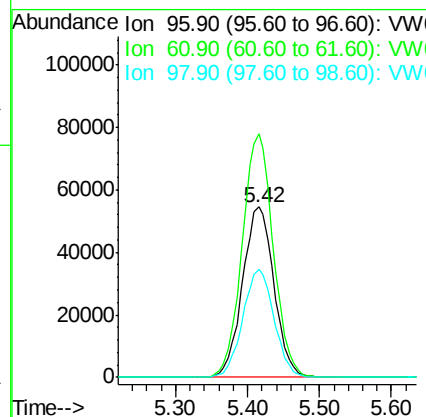
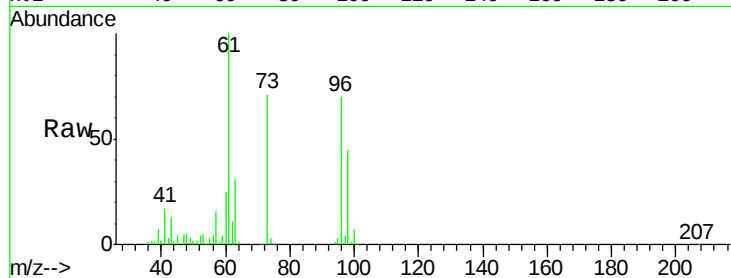
Tgt Ion: 96 Resp: 165413

Ion Ratio Lower Upper

96 100

61 143.0 107.8 161.6

98 63.7 49.4 74.0



#22

Diisopropyl ether

Concen: 23.74 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW014713.D

Acq: 22 Jan 2020 15:07

Tgt Ion: 45 Resp: 477800

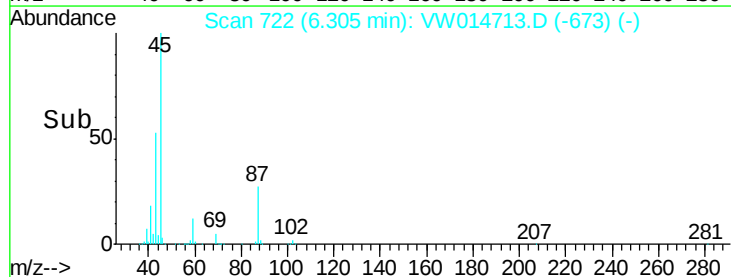
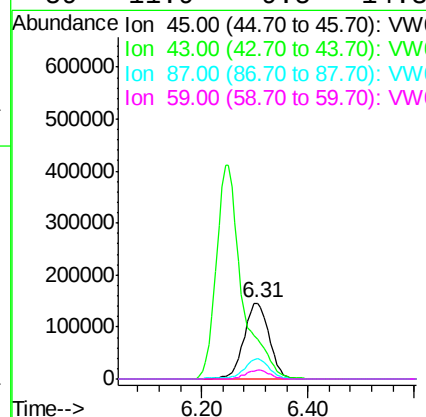
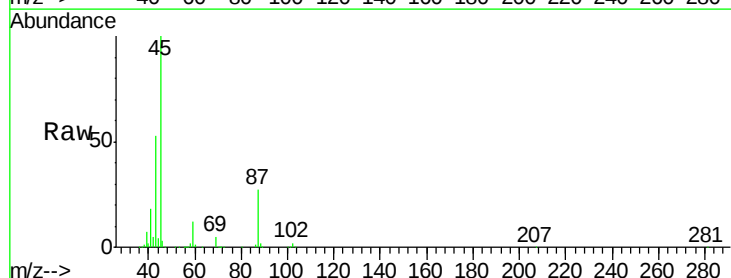
Ion Ratio Lower Upper

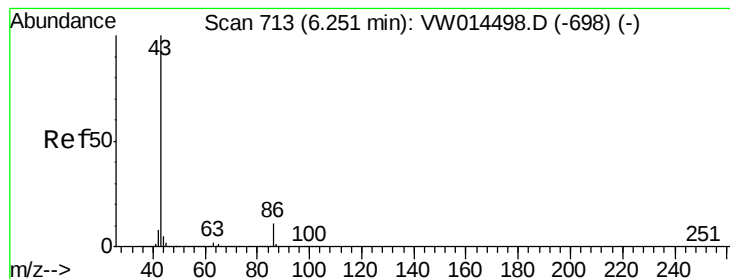
45 100

43 52.5 41.4 62.0

87 26.9 22.2 33.2

59 11.9 9.5 14.3





#23

Vinyl Acetate

Concen: 112.61 ug/l

RT: 6.24 min Scan# 712

Delta R.T. -0.01 min

Lab File: VW014713.D

Acq: 22 Jan 2020 15:07

Instrument :

MSVOA_W

ClientSampleId :

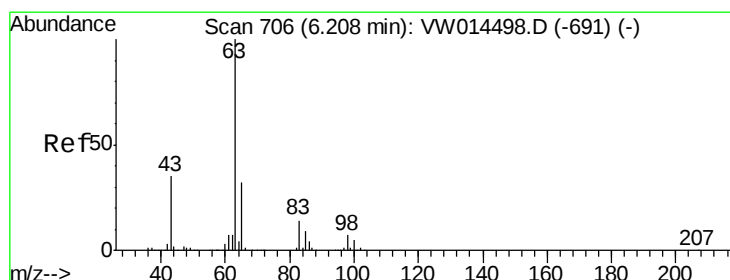
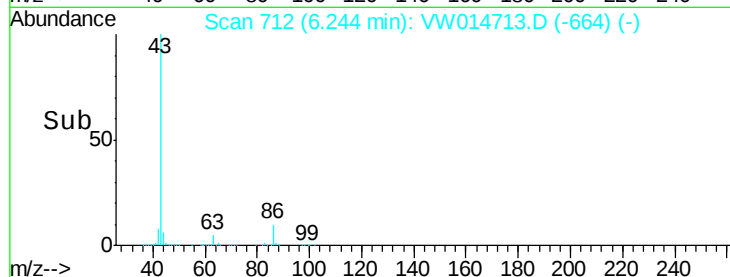
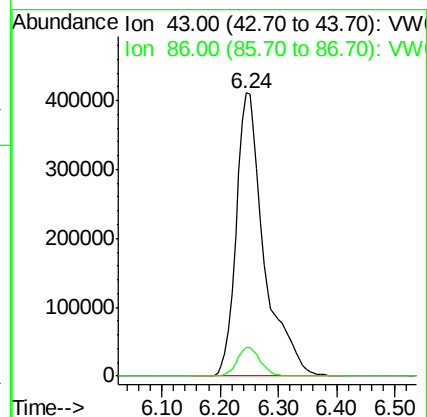
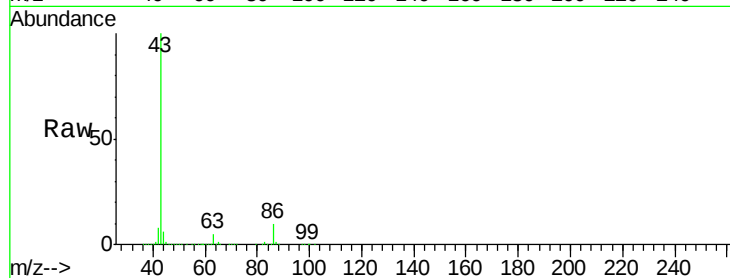
VW0122SBSD01

Tgt Ion: 43 Resp: 1368665

Ion Ratio Lower Upper

43 100

86 10.3 8.8 13.2



#24

1,1-Dichloroethane

Concen: 22.95 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: VW014713.D

Acq: 22 Jan 2020 15:07

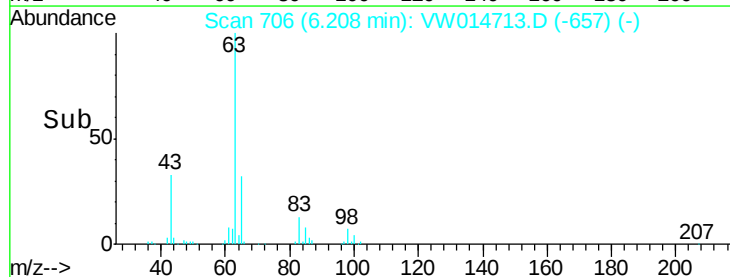
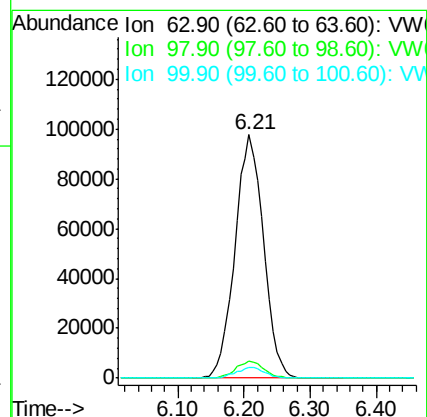
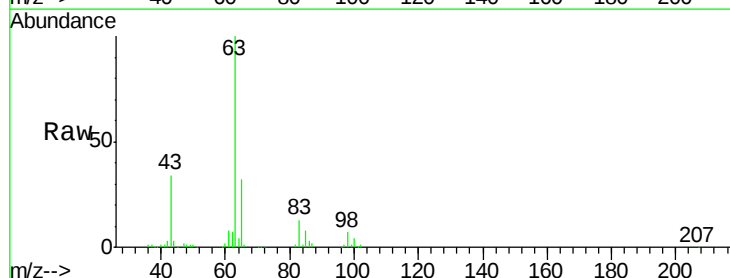
Tgt Ion: 63 Resp: 291441

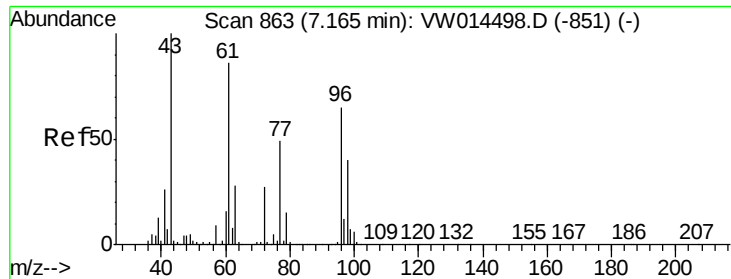
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

100 4.2 2.5 7.4





#25

2-Butanone

Concen: 104.60 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW014713.D

Acq: 22 Jan 2020 15:07

Instrument :

MSVOA_W

ClientSampleId :

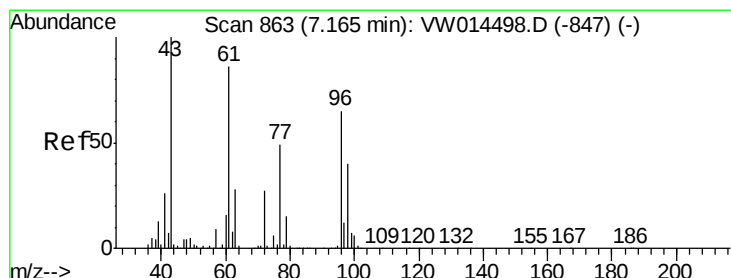
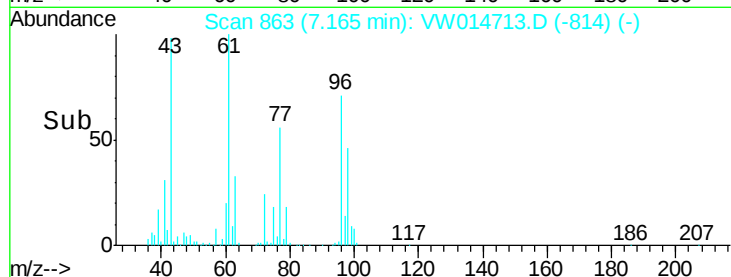
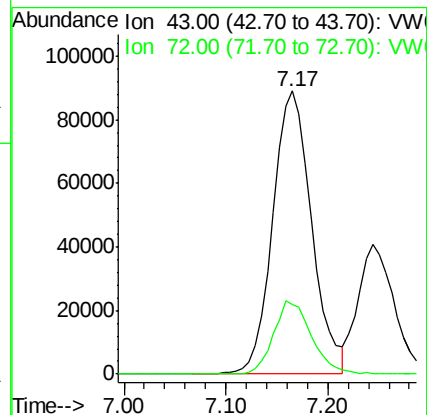
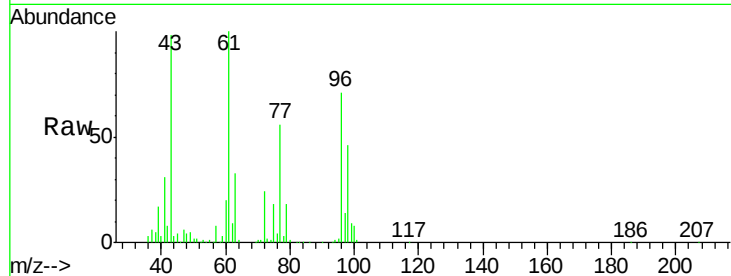
VW0122SBSD01

Tgt Ion: 43 Resp: 234352

Ion Ratio Lower Upper

43 100

72 24.6 21.9 32.9



#26

2,2-Dichloropropane

Concen: 23.56 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW014713.D

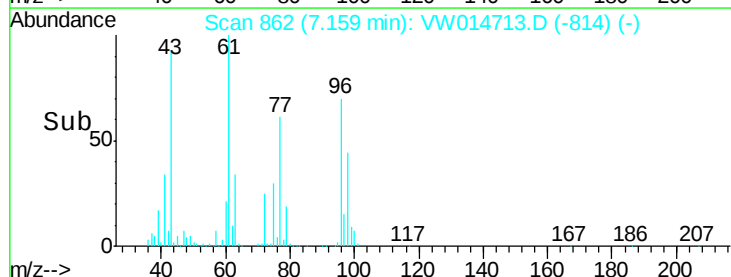
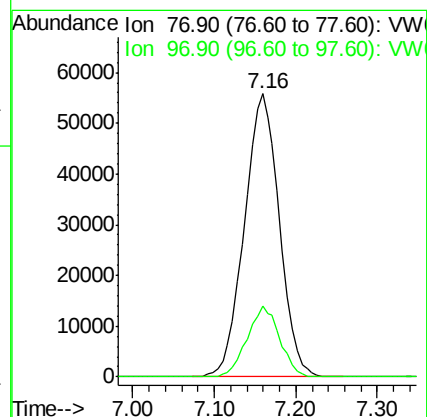
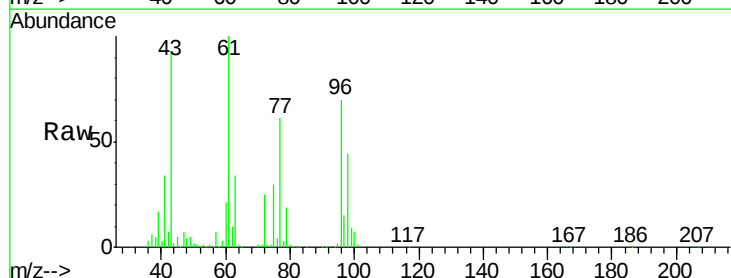
Acq: 22 Jan 2020 15:07

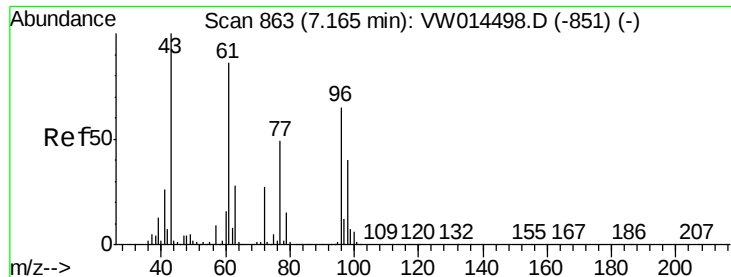
Tgt Ion: 77 Resp: 165584

Ion Ratio Lower Upper

77 100

97 23.3 12.5 37.5





#27

cis-1,2-Dichloroethene

Concen: 21.94 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW014713.D

Acq: 22 Jan 2020 15:07

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBSD01

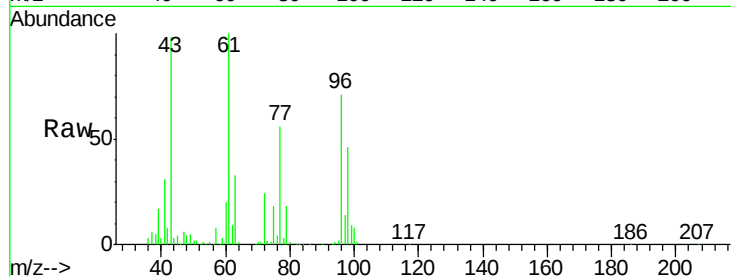
Tgt Ion: 96 Resp: 172239

Ion Ratio Lower Upper

96 100

61 145.4 0.0 274.8

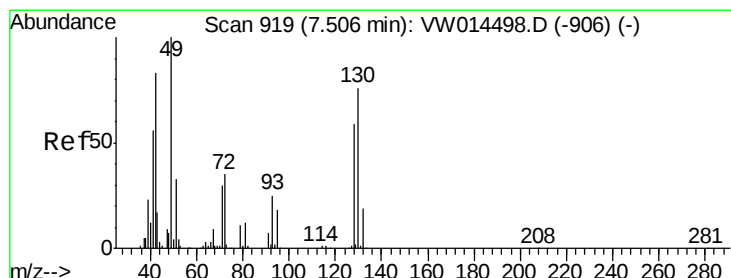
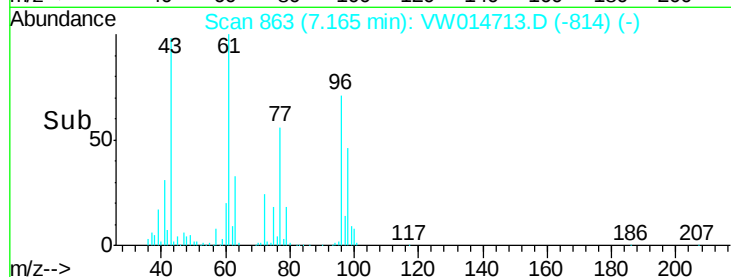
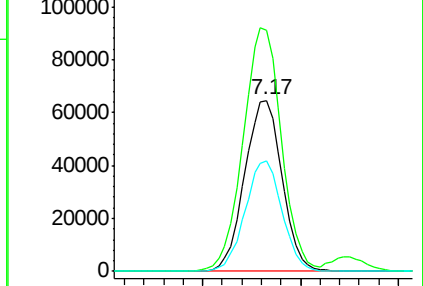
98 63.9 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane

Concen: 20.35 ug/l

RT: 7.50 min Scan# 918

Delta R.T. -0.01 min

Lab File: VW014713.D

Acq: 22 Jan 2020 15:07

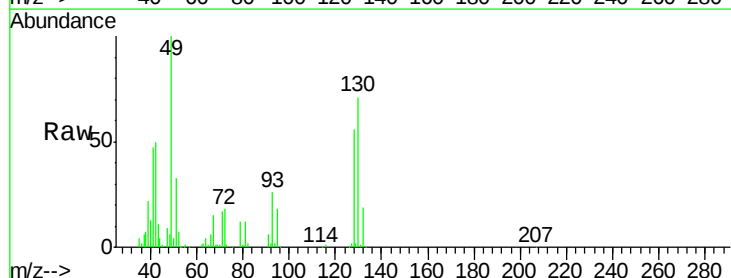
Tgt Ion: 49 Resp: 101279

Ion Ratio Lower Upper

49 100

129 1.0 0.0 2.0

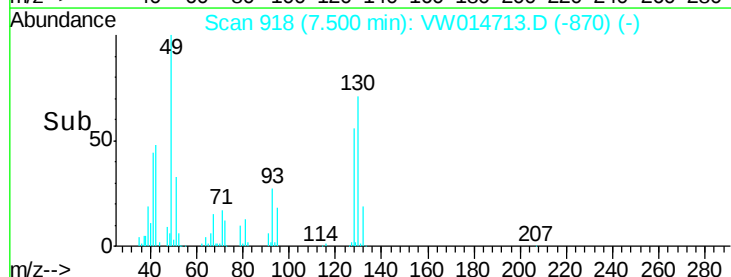
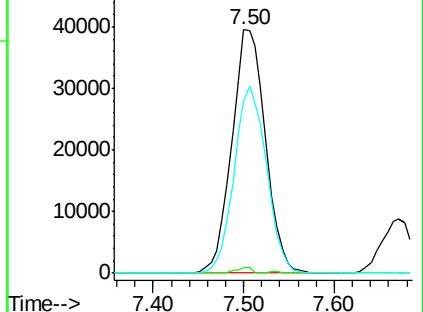
130 74.1 62.5 93.7

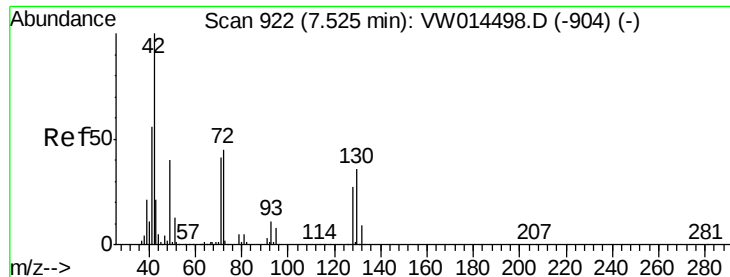


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

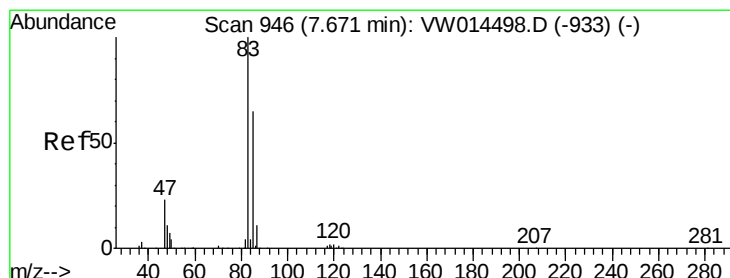
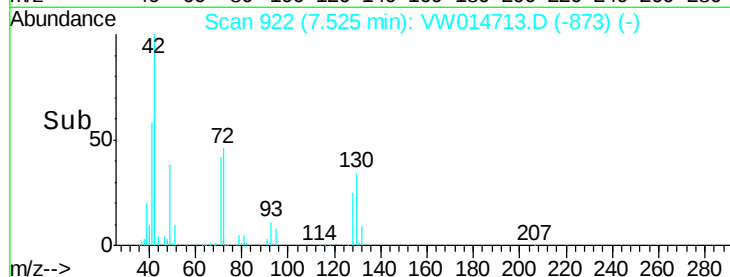
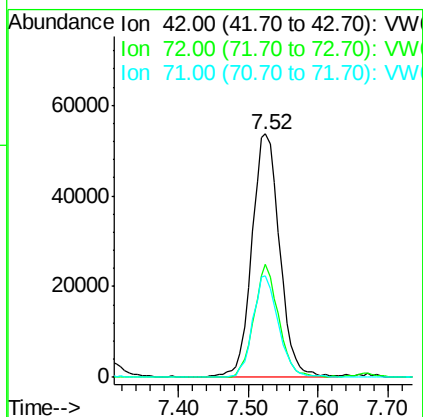
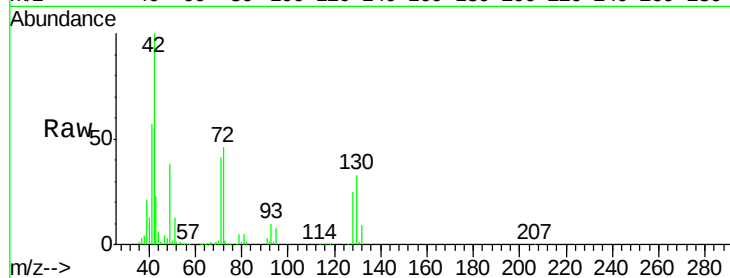




#29
Tetrahydrofuran
Concen: 106.20 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW014713.D
Acq: 22 Jan 2020 15:07

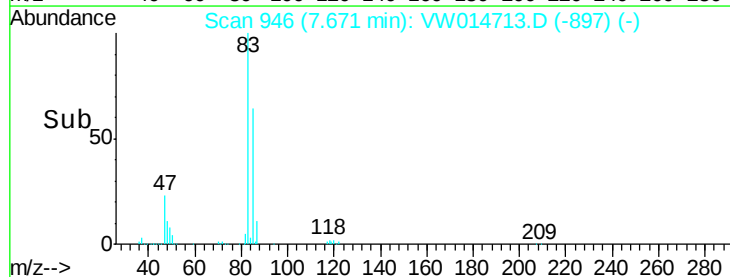
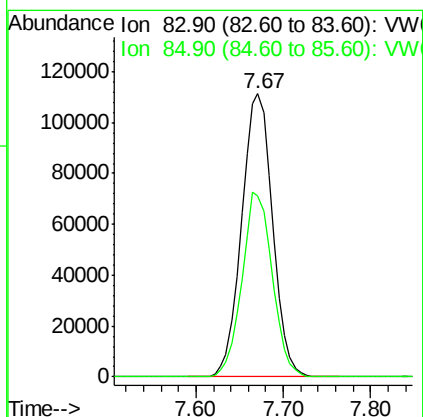
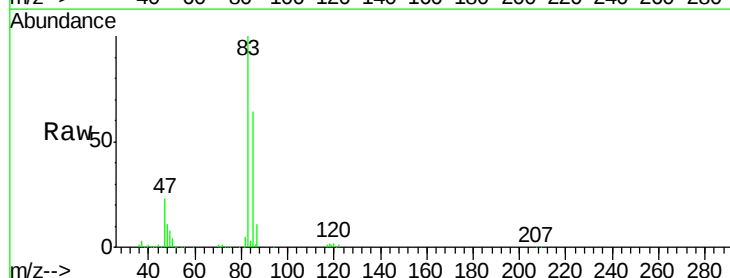
Instrument :
MSVOA_W
ClientSampleId :
VW0122SBSD01

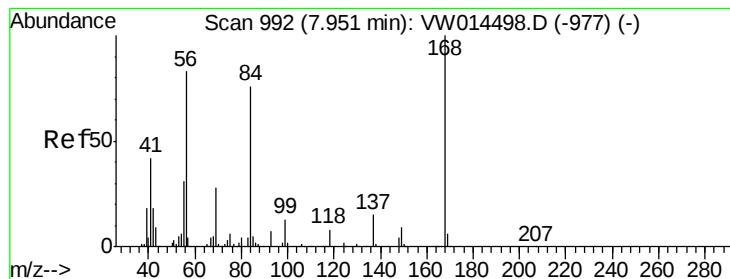
Tgt Ion: 42 Resp: 147395
Ion Ratio Lower Upper
42 100
72 41.2 34.5 51.7
71 38.7 32.0 48.0



#30
Chloroform
Concen: 23.00 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW014713.D
Acq: 22 Jan 2020 15:07

Tgt Ion: 83 Resp: 273035
Ion Ratio Lower Upper
83 100
85 64.1 52.2 78.2





#31

Cyclohexane

Concen: 22.23 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW014713.D

Acq: 22 Jan 2020 15:07

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBSD01

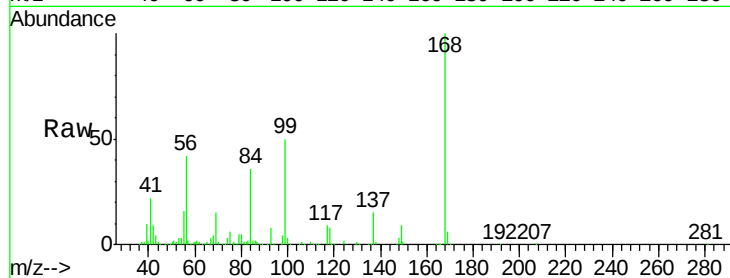
Tgt Ion: 56 Resp: 293348

Ion Ratio Lower Upper

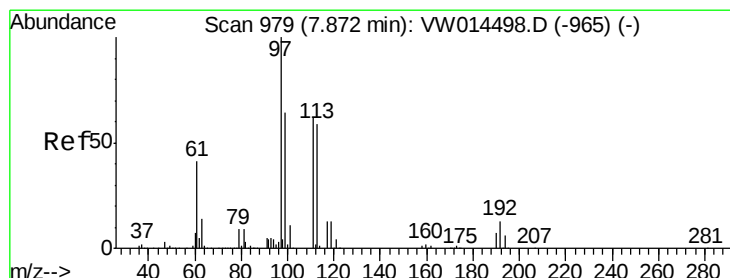
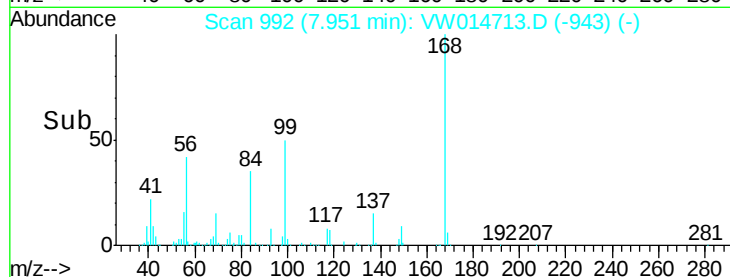
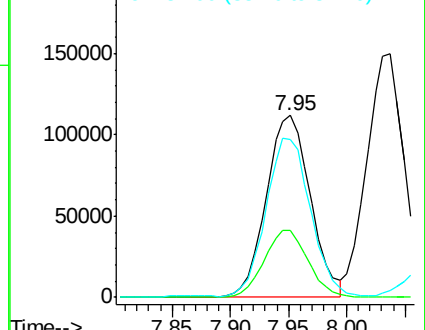
56 100

69 36.9 26.8 40.2

84 85.8 71.8 107.6



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



#32

1,1,1-Trichloroethane

Concen: 23.36 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW014713.D

Acq: 22 Jan 2020 15:07

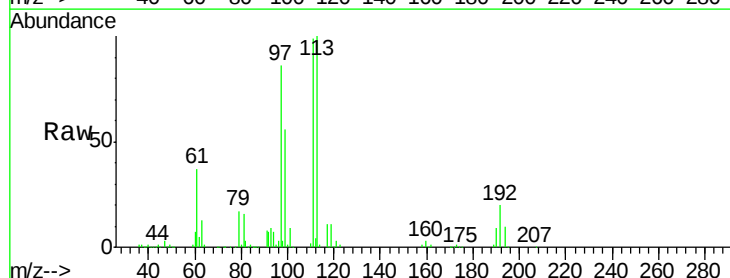
Tgt Ion: 97 Resp: 223029

Ion Ratio Lower Upper

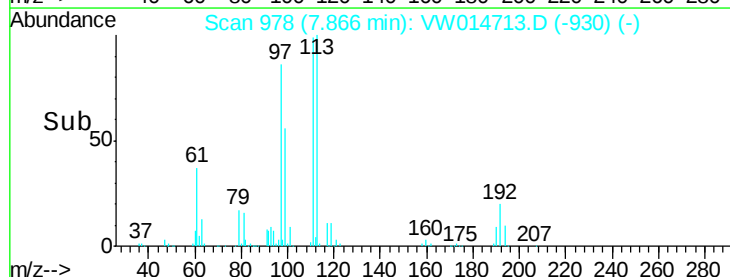
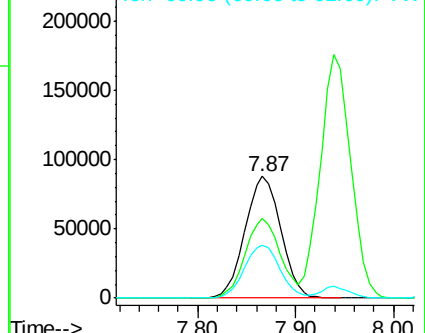
97 100

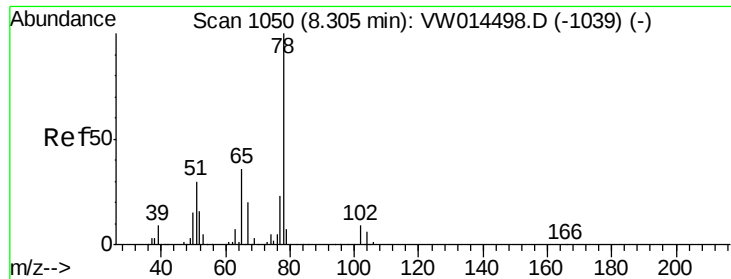
99 64.4 51.8 77.6

61 43.7 33.8 50.8



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: 56.61 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW014713.D

Acq: 22 Jan 2020 15:07

Instrument :

MSVOA_W

ClientSampleId :

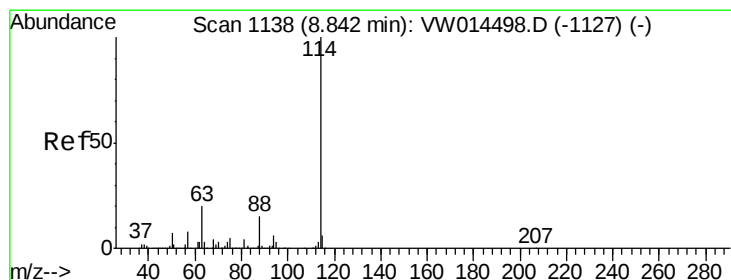
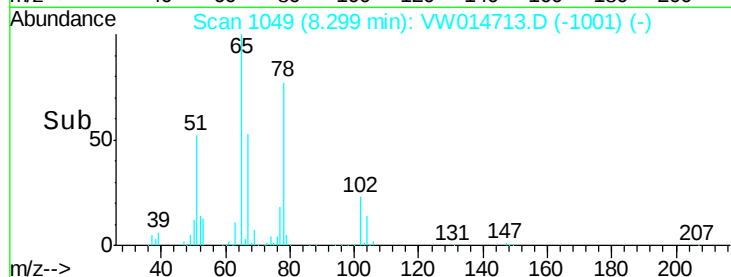
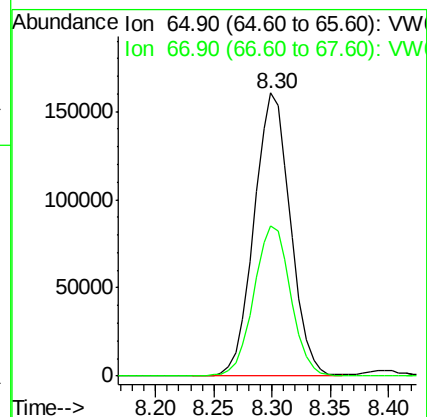
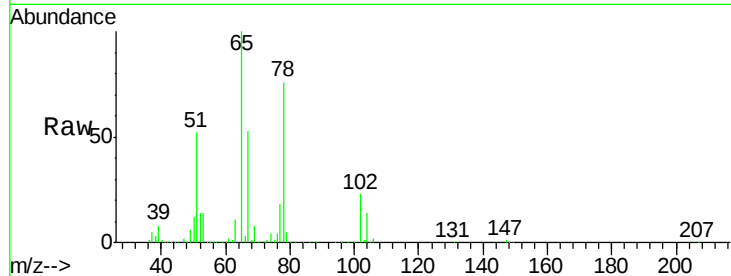
VW0122SBSD01

Tgt Ion: 65 Resp: 350001

Ion Ratio Lower Upper

65 100

67 53.7 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.84 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VW014713.D

Acq: 22 Jan 2020 15:07

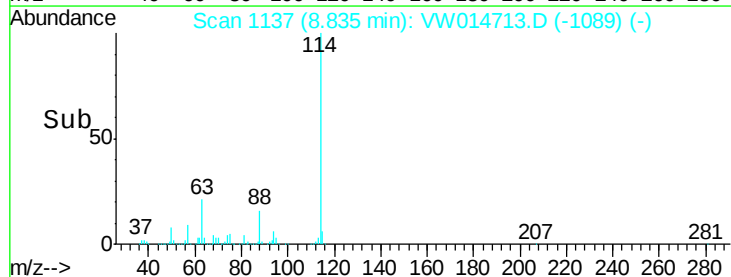
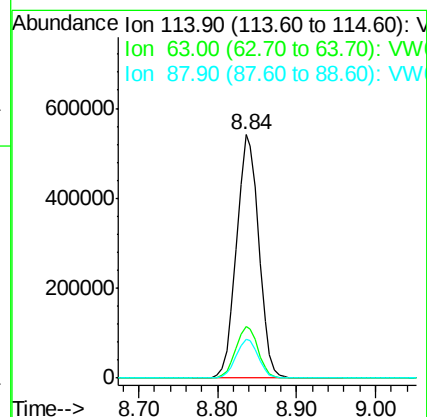
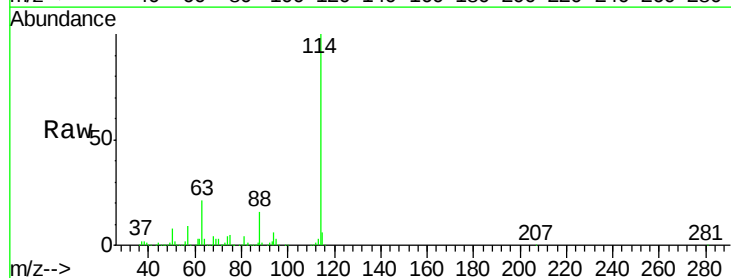
Tgt Ion: 114 Resp: 1064008

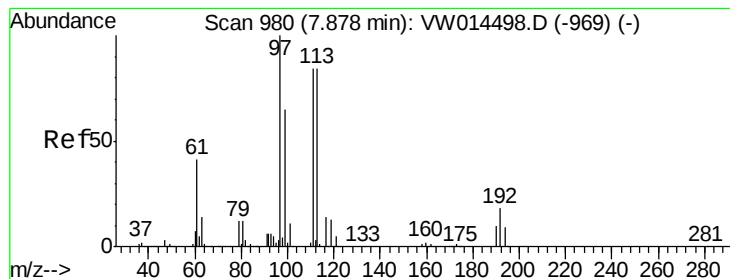
Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.4

88 16.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.93 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW014713.D

Acq: 22 Jan 2020 15:07

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBSD01

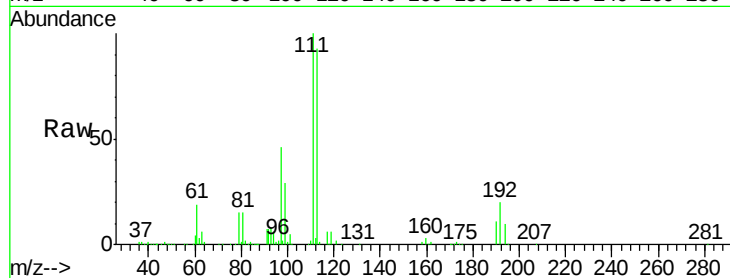
Tgt Ion:113 Resp: 334026

Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.2

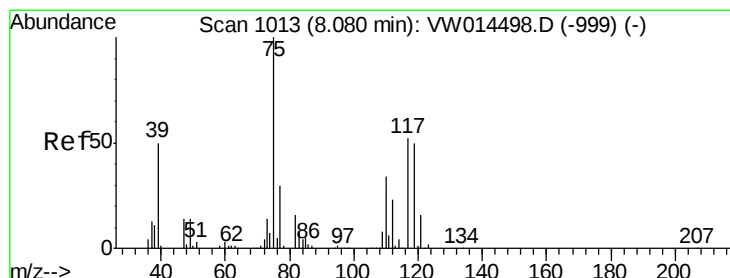
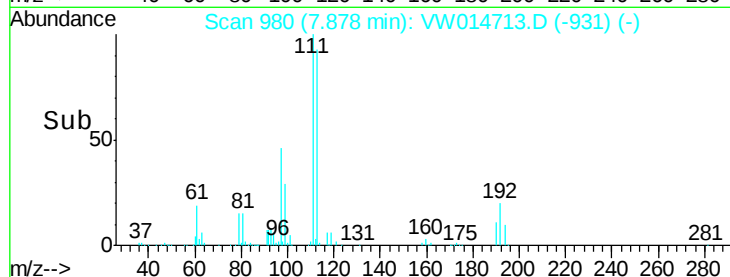
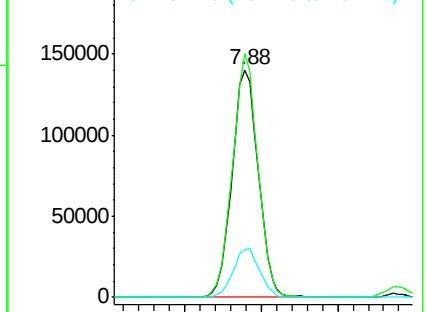
192 21.7 17.8 26.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 22.54 ug/l

RT: 8.07 min Scan# 1012

Delta R.T. -0.01 min

Lab File: VW014713.D

Acq: 22 Jan 2020 15:07

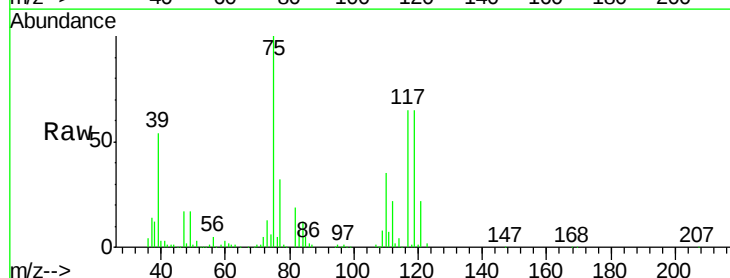
Tgt Ion: 75 Resp: 231249

Ion Ratio Lower Upper

75 100

110 35.1 17.8 53.5

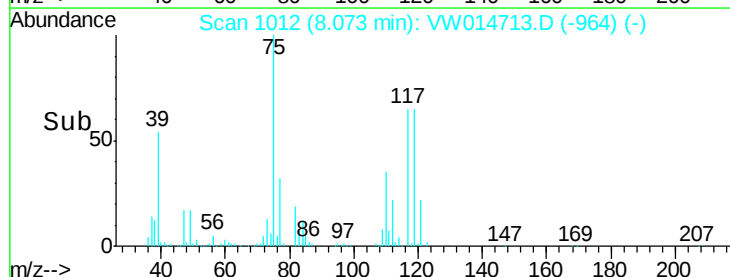
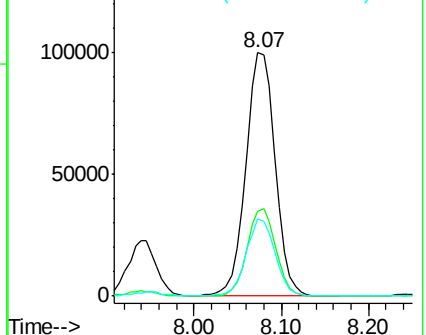
77 31.3 24.7 37.1

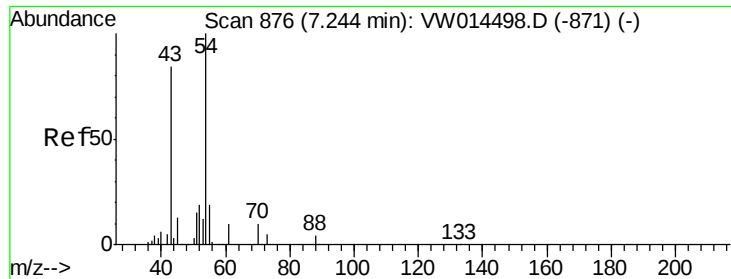


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

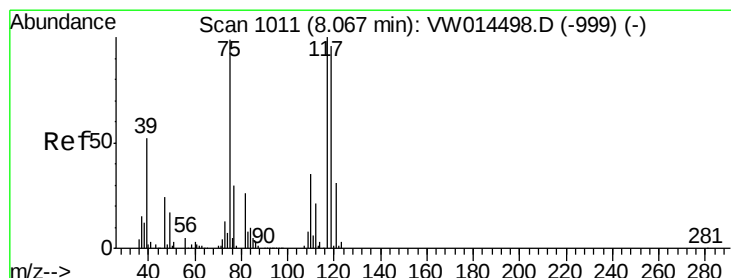
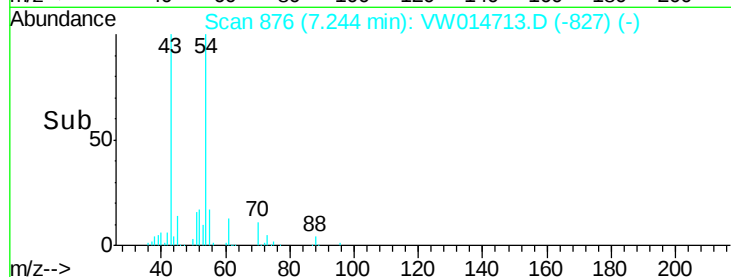
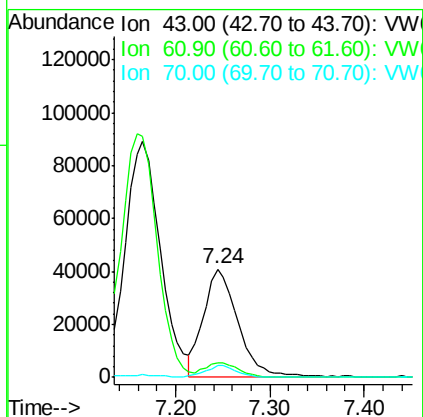
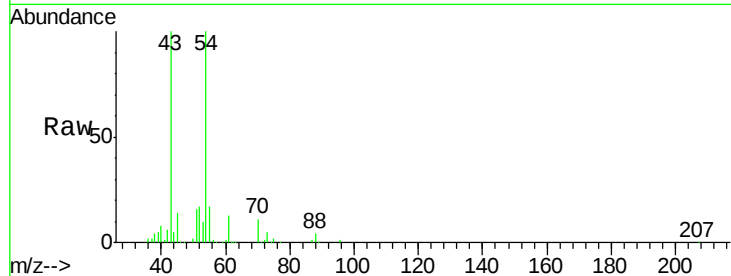




#37
 Ethyl Acetate
 Concen: 22.06 ug/l
 RT: 7.24 min Scan# 876
 Delta R.T. -0.00 min
 Lab File: VW014713.D
 Acq: 22 Jan 2020 15:07

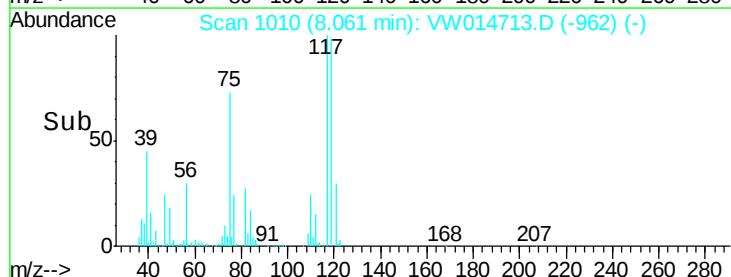
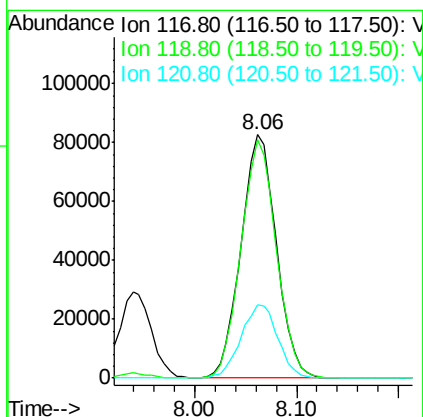
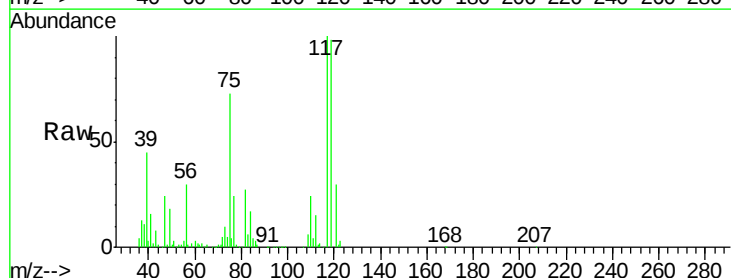
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0122SBSD01

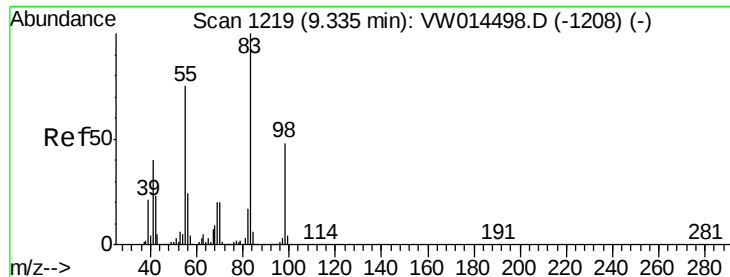
Tgt Ion: 43 Resp: 102637
 Ion Ratio Lower Upper
 43 100
 61 13.7 11.7 17.5
 70 10.2 9.0 13.6



#38
 Carbon Tetrachloride
 Concen: 22.45 ug/l
 RT: 8.06 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: VW014713.D
 Acq: 22 Jan 2020 15:07

Tgt Ion: 117 Resp: 199757
 Ion Ratio Lower Upper
 117 100
 119 98.0 77.0 115.6
 121 30.4 24.6 36.8

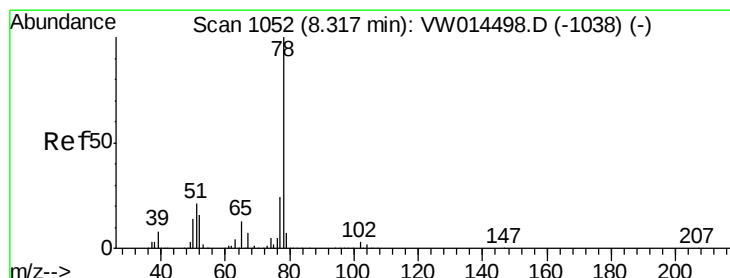
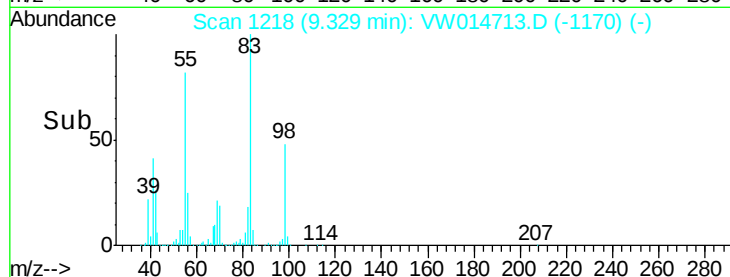
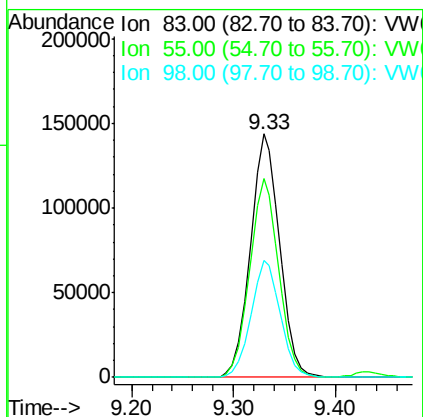
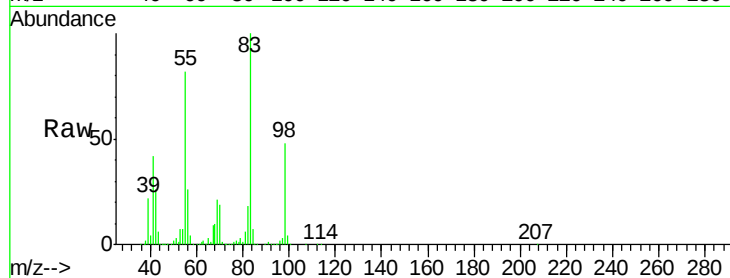




#39
Methylcyclohexane
Concen: 21.78 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW014713.D
Acq: 22 Jan 2020 15:07

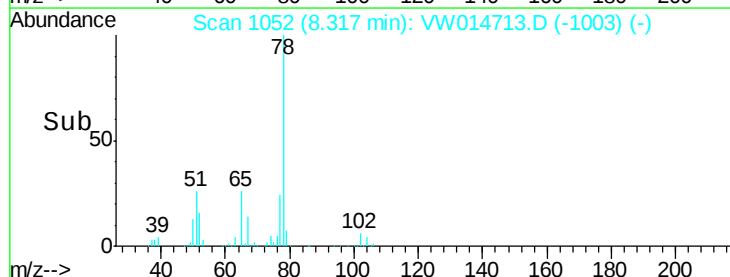
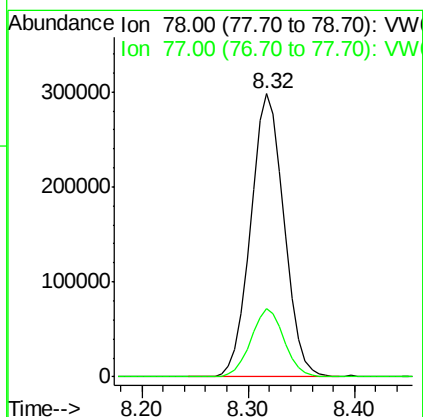
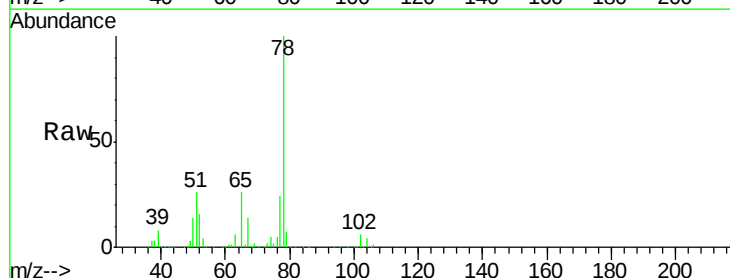
Instrument :
MSVOA_W
ClientSampleId :
VW0122SBSD01

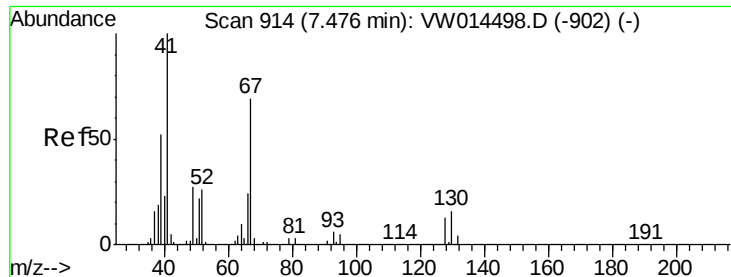
Tgt Ion	Ratio	Lower	Upper
83	100		
55	81.6	60.1	90.1
98	48.3	38.8	58.2



#40
Benzene
Concen: 22.57 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW014713.D
Acq: 22 Jan 2020 15:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.3	28.9

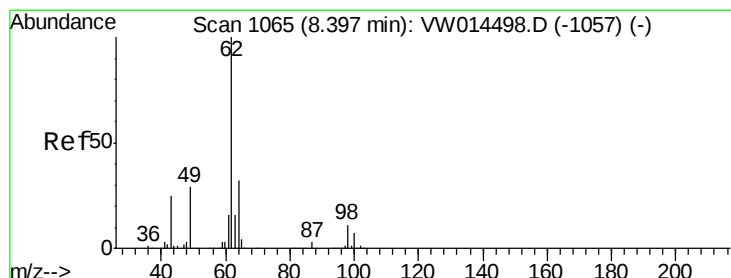
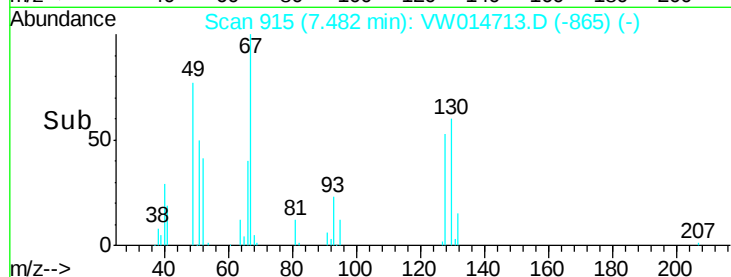
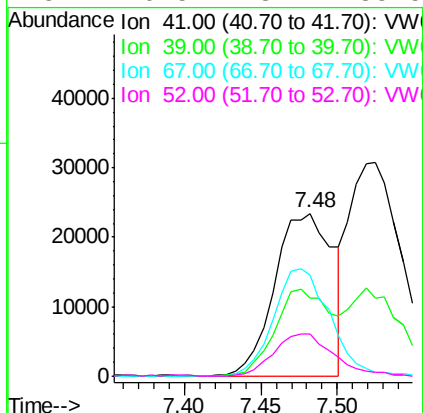
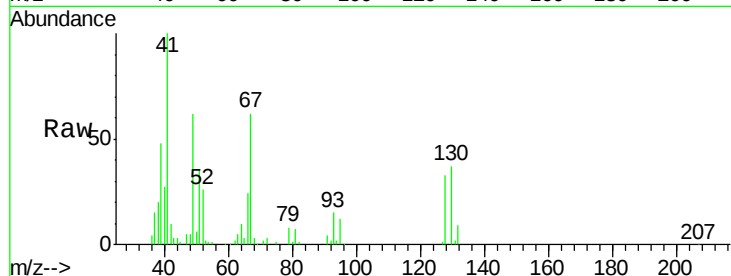




#41
Methacrylonitrile
Concen: 24.08 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.01 min
Lab File: VW014713.D
Acq: 22 Jan 2020 15:07

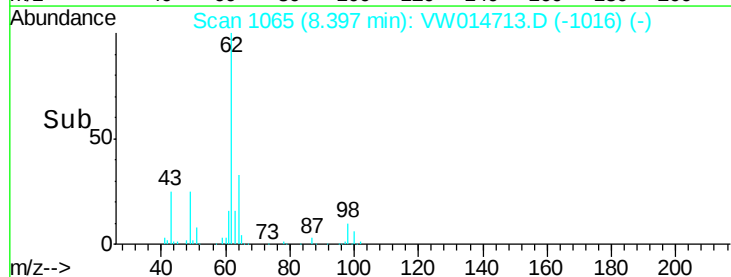
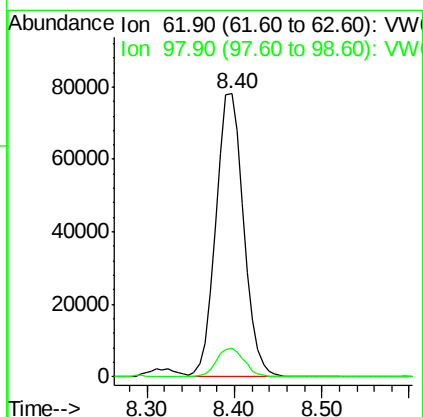
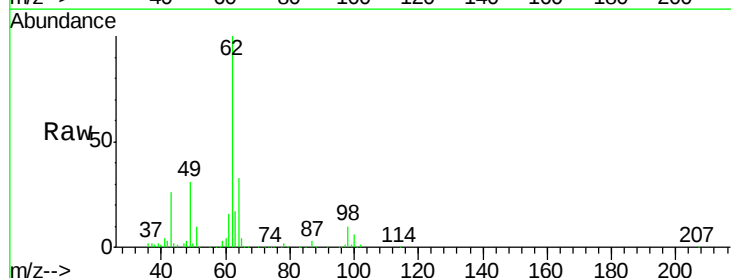
Instrument :
MSVOA_W
ClientSampleId :
VW0122SBSD01

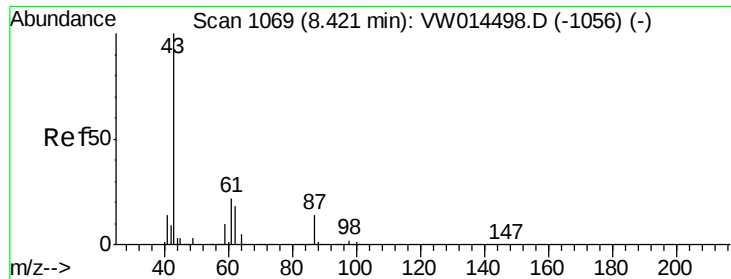
Tgt Ion:	41	Resp:	62444
Ion	Ratio	Lower	Upper
41	100		
39	50.8	46.0	69.0
67	63.8	60.8	91.2
52	26.5	23.7	35.5



#42
1,2-Dichloroethane
Concen: 22.85 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW014713.D
Acq: 22 Jan 2020 15:07

Tgt Ion:	62	Resp:	172079
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	22.0





#43

Isopropyl Acetate

Concen: 21.62 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW014713.D

Acq: 22 Jan 2020 15:07

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBSD01

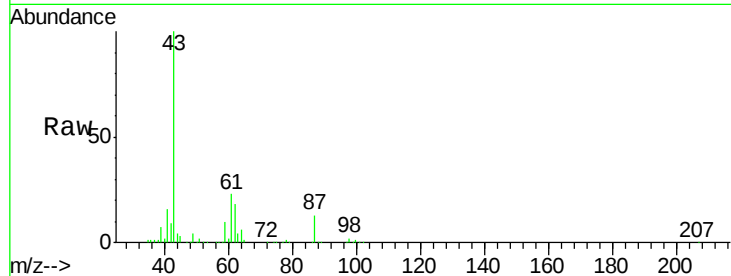
Tgt Ion: 43 Resp: 182650

Ion Ratio Lower Upper

43 100

61 30.8 24.7 37.1

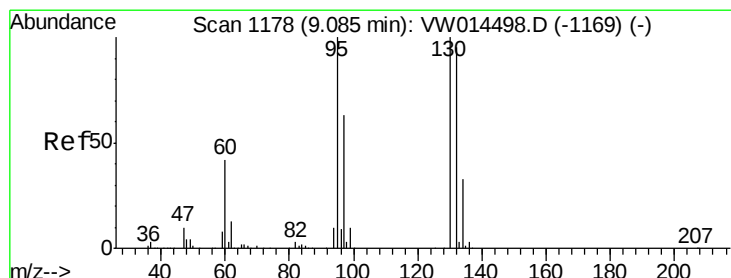
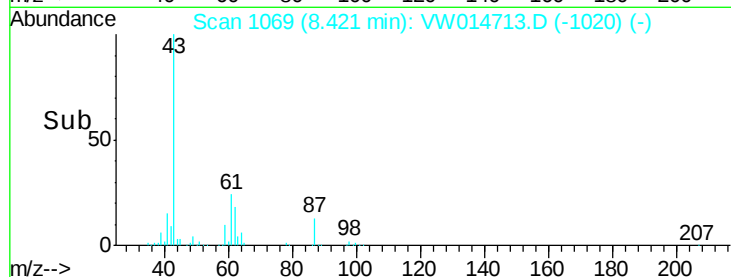
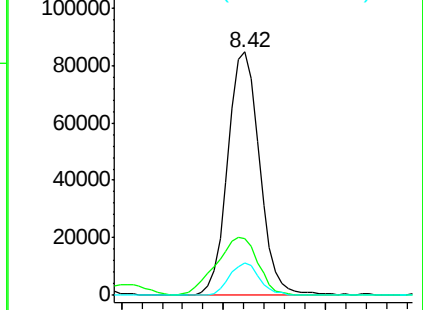
87 13.0 11.1 16.7



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: 21.91 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VW014713.D

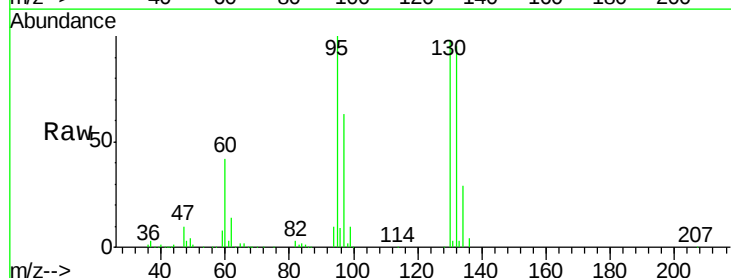
Acq: 22 Jan 2020 15:07

Tgt Ion: 130 Resp: 172102

Ion Ratio Lower Upper

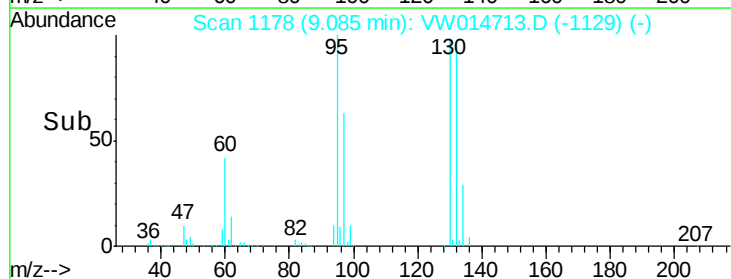
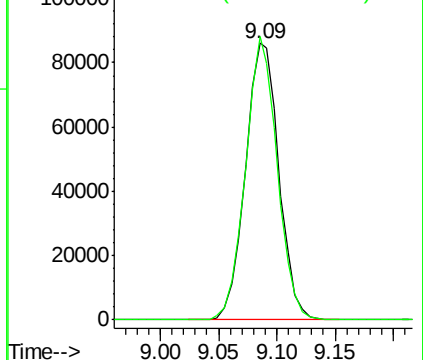
130 100

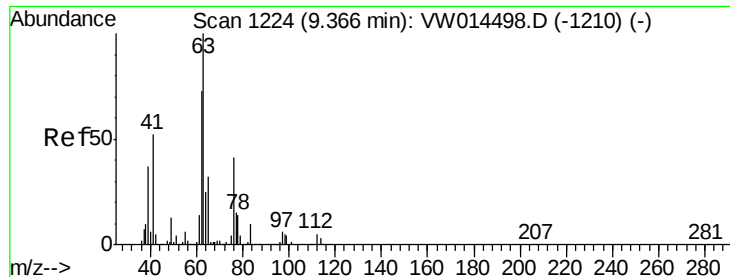
95 102.3 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

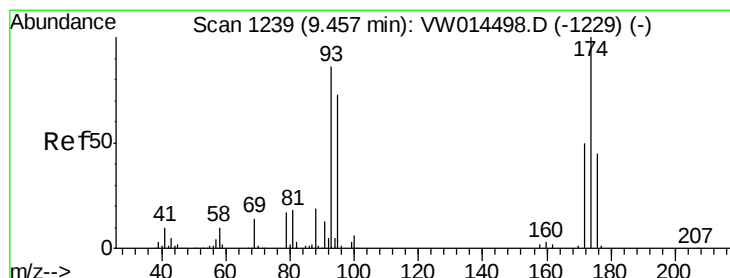
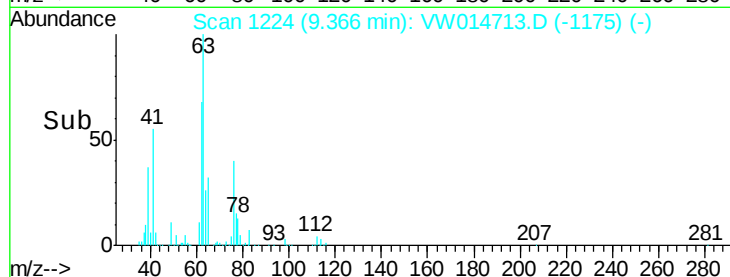
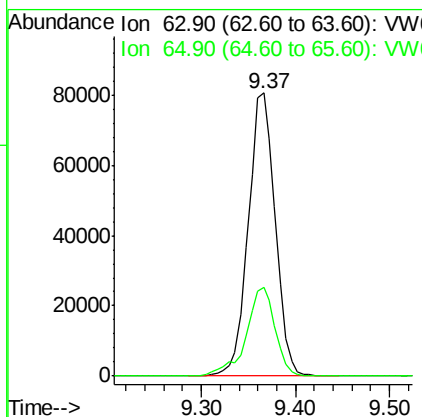
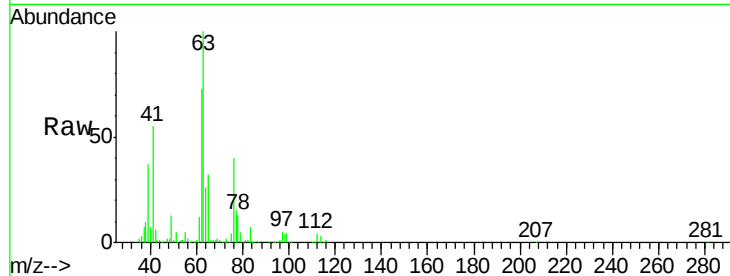




#45
 1,2-Dichloropropane
 Concen: 22.79 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW014713.D
 Acq: 22 Jan 2020 15:07

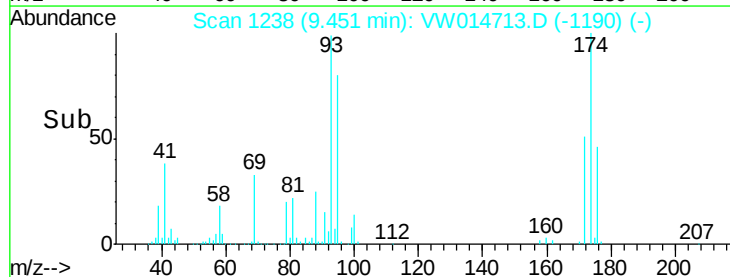
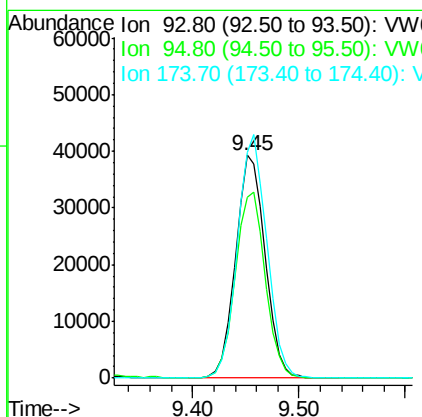
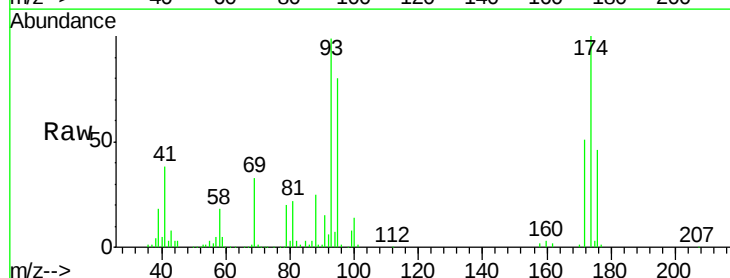
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0122SBSD01

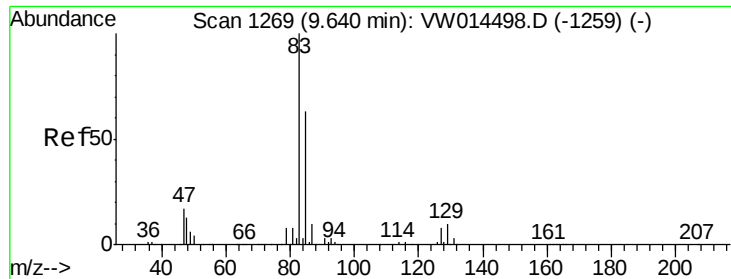
Tgt Ion: 63 Resp: 162297
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.6 38.4



#46
 Dibromomethane
 Concen: 21.83 ug/l
 RT: 9.45 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: VW014713.D
 Acq: 22 Jan 2020 15:07

Tgt Ion: 93 Resp: 76754
 Ion Ratio Lower Upper
 93 100
 95 84.8 66.4 99.6
 174 108.4 89.1 133.7

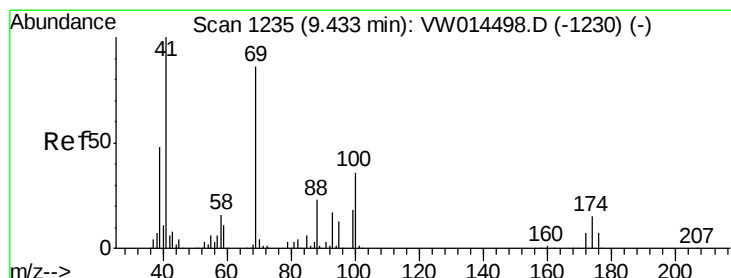
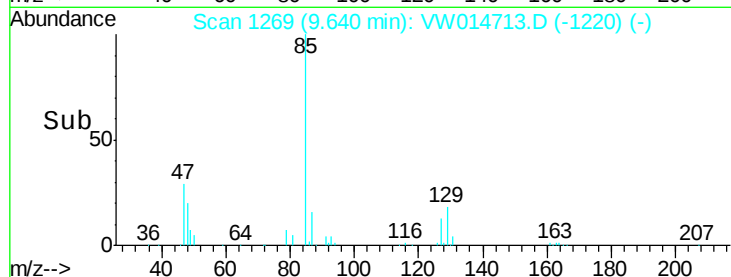
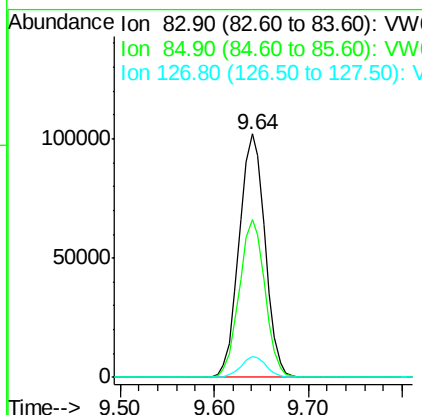
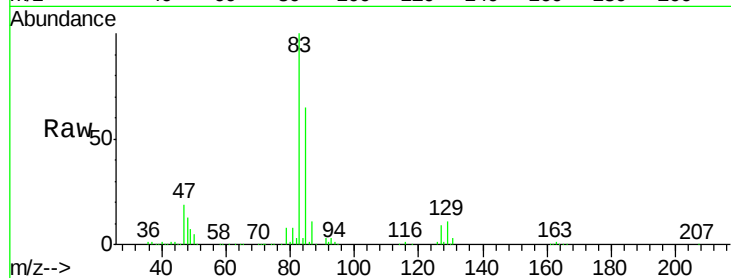




#47
Bromodichloromethane
Concen: 22.52 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW014713.D
Acq: 22 Jan 2020 15:07

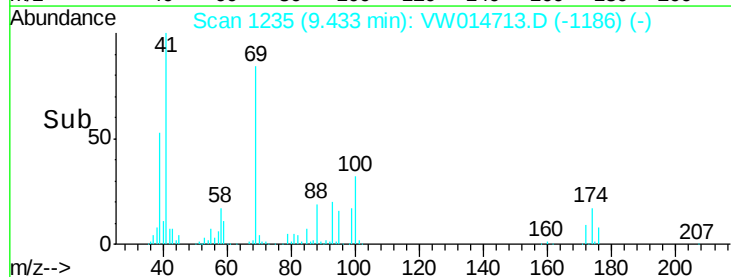
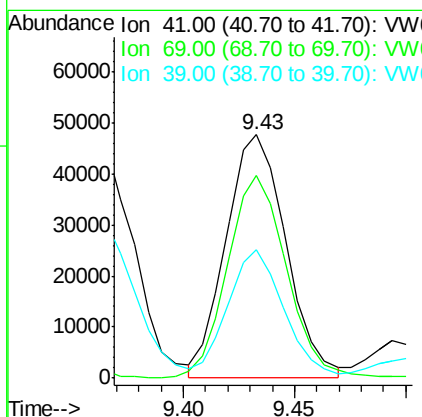
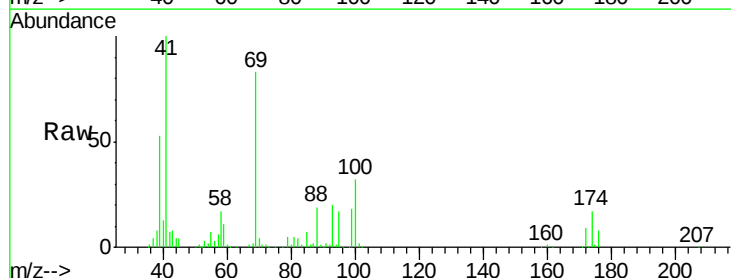
Instrument :
MSVOA_W
ClientSampled :
VW0122SBSD01

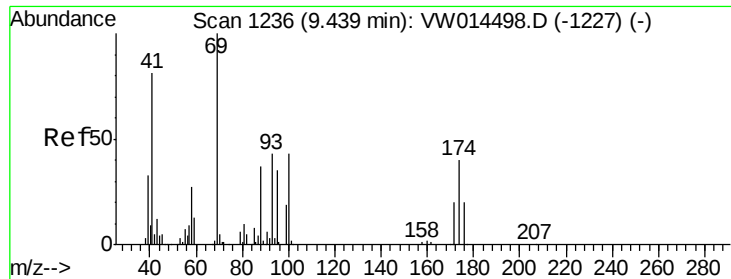
Tgt Ion: 83 Resp: 195445
Ion Ratio Lower Upper
83 100
85 64.7 50.6 76.0
127 8.6 6.6 9.8



#48
Methyl methacrylate
Concen: 21.53 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW014713.D
Acq: 22 Jan 2020 15:07

Tgt Ion: 41 Resp: 88821
Ion Ratio Lower Upper
41 100
69 82.7 68.3 102.5
39 46.3 36.8 55.2





#49

1,4-Dioxane

Concen: 397.70 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW014713.D

Acq: 22 Jan 2020 15:07

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBSD01

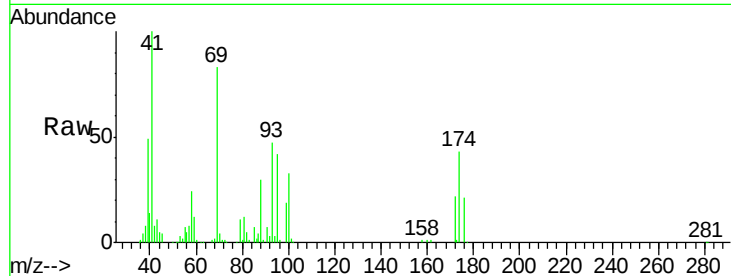
Tgt Ion: 88 Resp: 26152

Ion Ratio Lower Upper

88 100

43 31.2 24.9 37.3

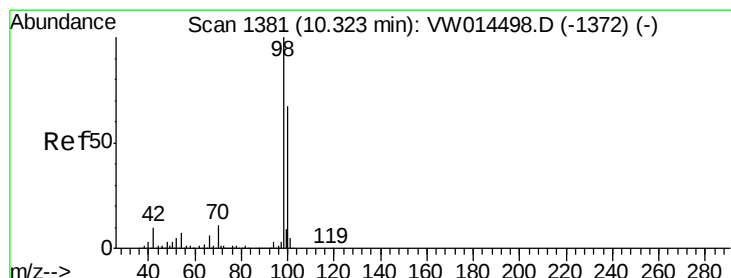
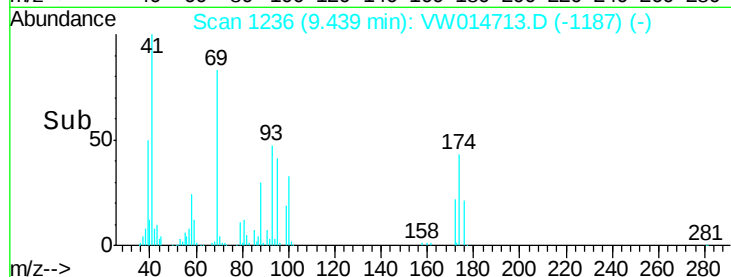
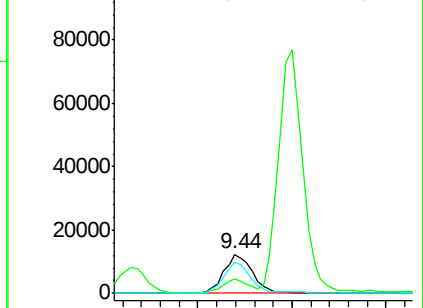
58 77.7 56.9 85.3



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 54.43 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW014713.D

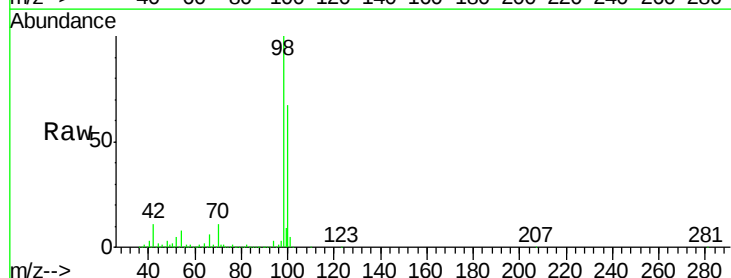
Acq: 22 Jan 2020 15:07

Tgt Ion: 98 Resp: 1381405

Ion Ratio Lower Upper

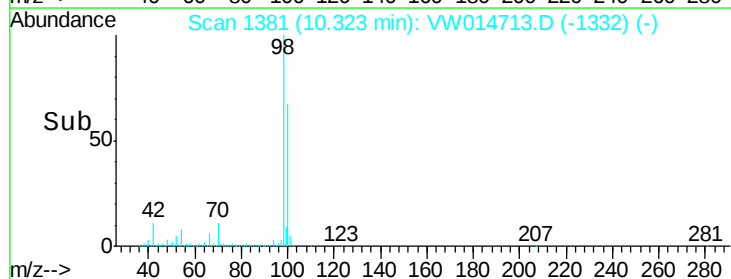
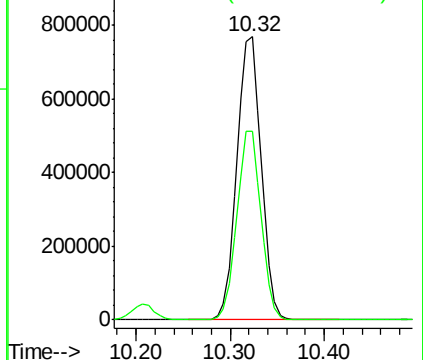
98 100

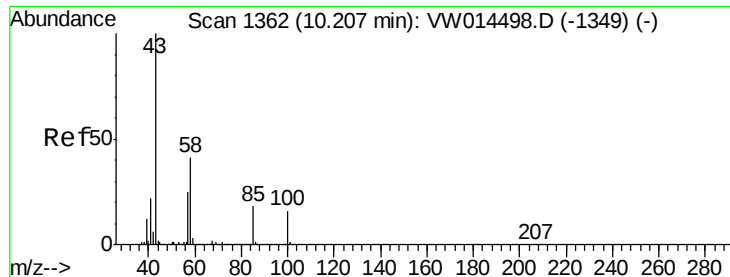
100 66.3 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

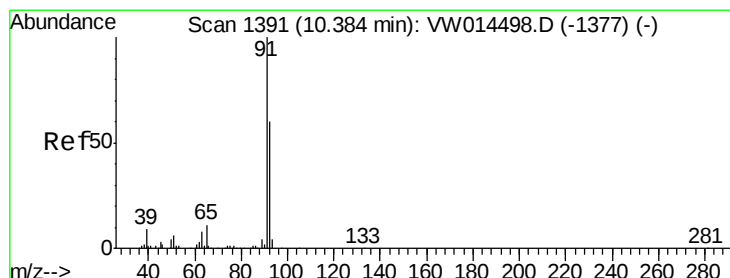
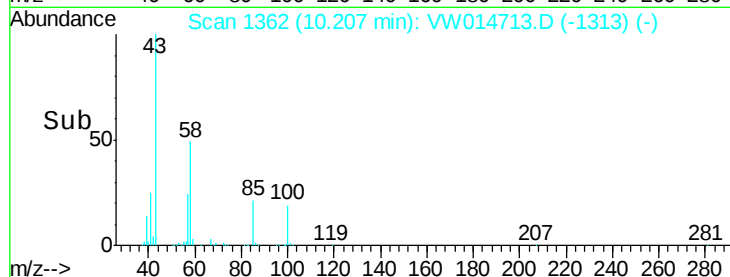
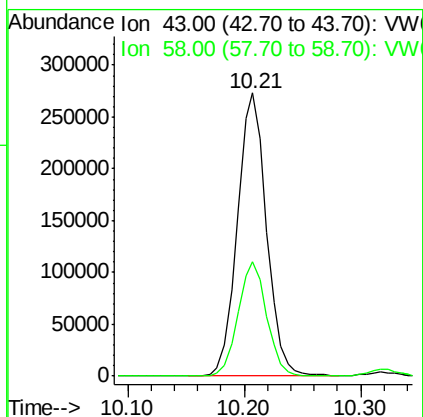
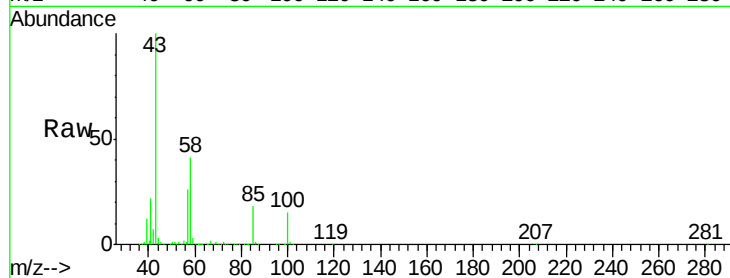




#51
 4-Methyl-2-Pentanone
 Concen: 108.04 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW014713.D
 Acq: 22 Jan 2020 15:07

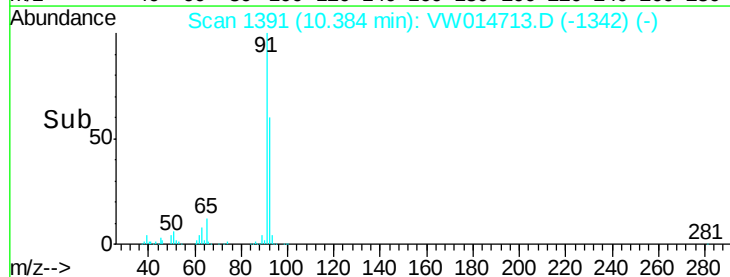
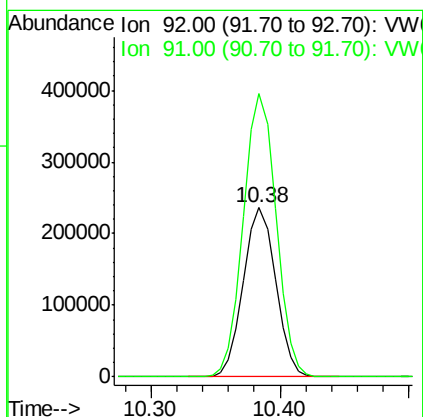
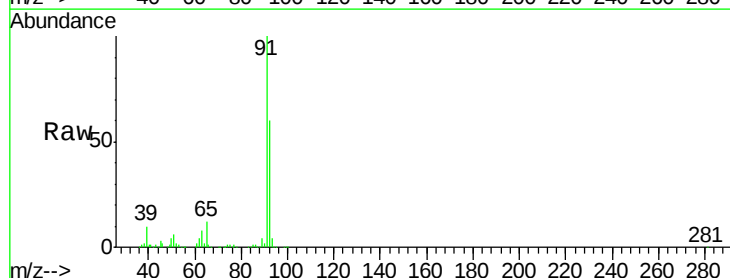
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0122SBSD01

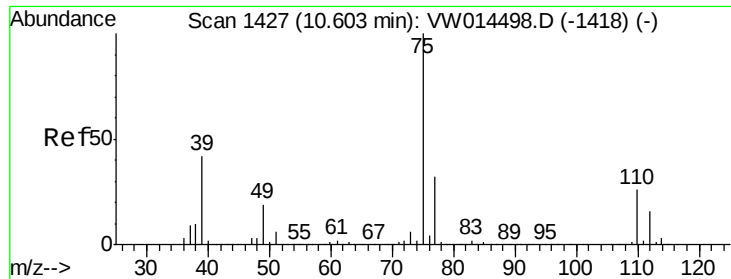
Tgt Ion: 43 Resp: 473954
 Ion Ratio Lower Upper
 43 100
 58 40.0 32.7 49.1



#52
 Toluene
 Concen: 22.54 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW014713.D
 Acq: 22 Jan 2020 15:07

Tgt Ion: 92 Resp: 411591
 Ion Ratio Lower Upper
 92 100
 91 169.0 134.1 201.1

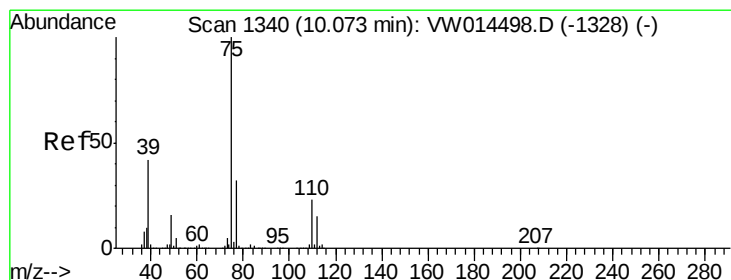
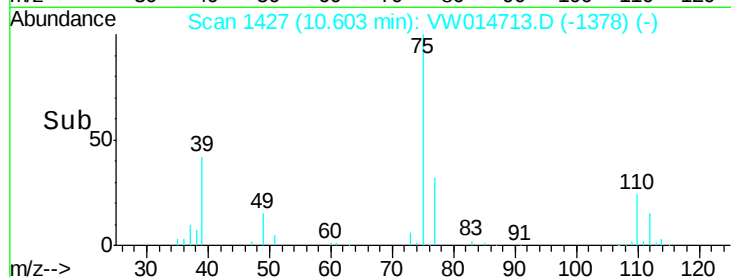
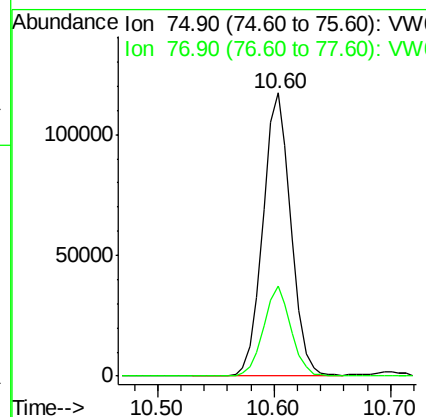
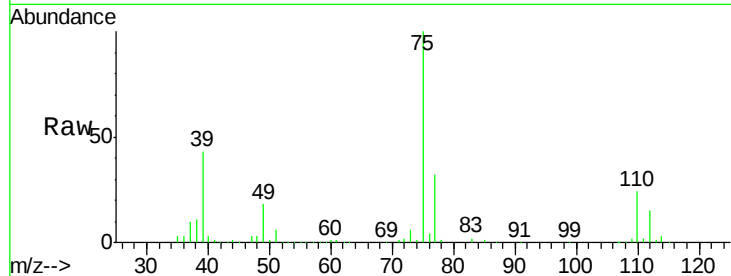




#53
t-1,3-Dichloropropene
Concen: 21.77 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW014713.D
Acq: 22 Jan 2020 15:07

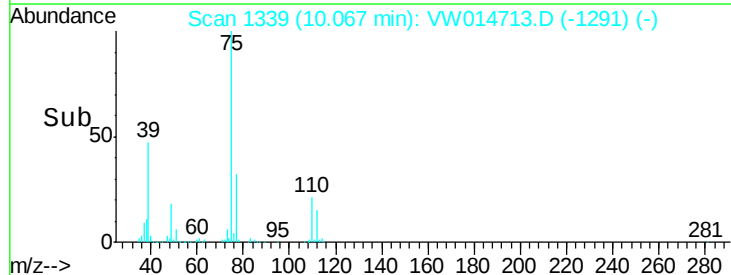
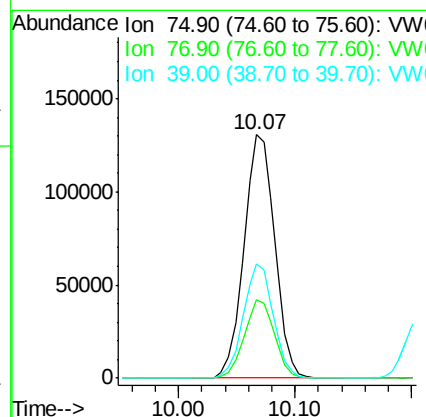
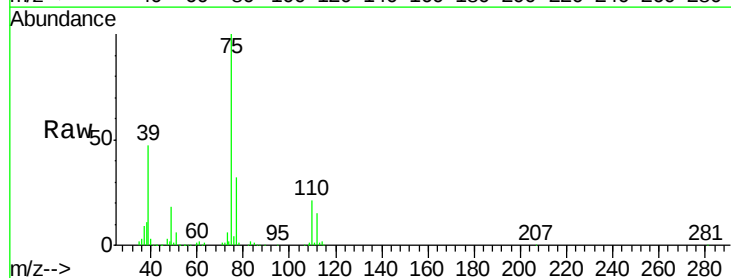
Instrument :
MSVOA_W
ClientSampled :
VW0122SBSD01

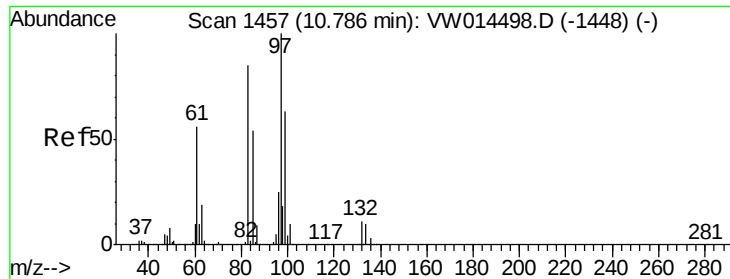
Tgt Ion: 75 Resp: 195614
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 21.96 ug/l
RT: 10.07 min Scan# 1339
Delta R.T. -0.01 min
Lab File: VW014713.D
Acq: 22 Jan 2020 15:07

Tgt Ion: 75 Resp: 241251
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0
39 47.1 33.4 50.2

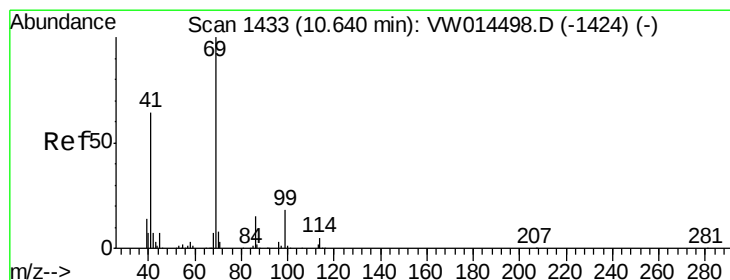
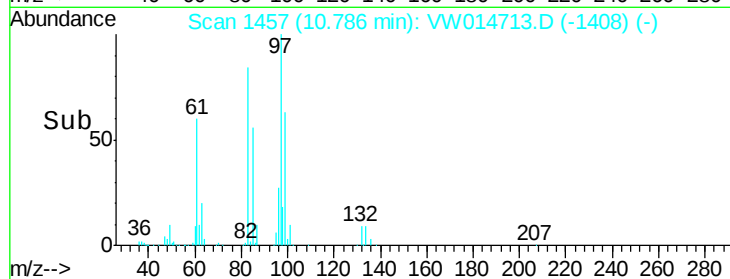
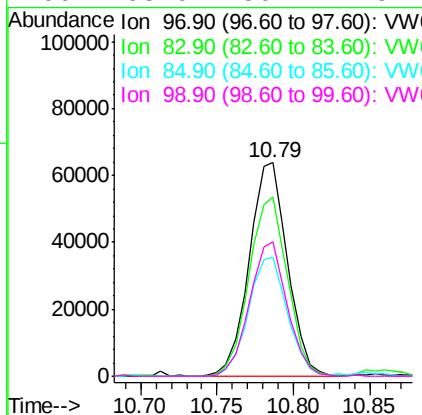
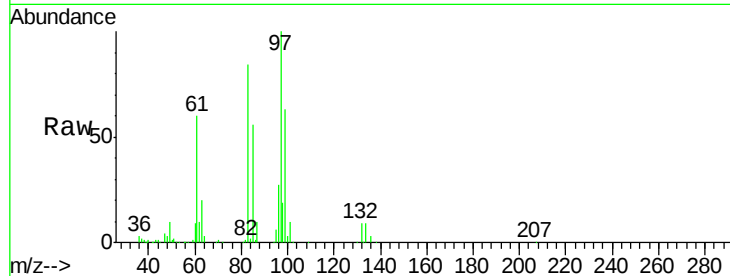




#55
 1,1,2-Trichloroethane
 Concen: 21.65 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW014713.D
 Acq: 22 Jan 2020 15:07

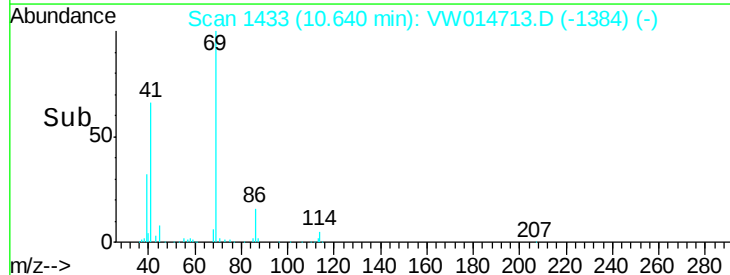
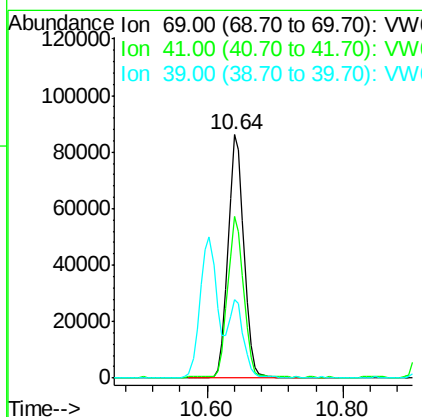
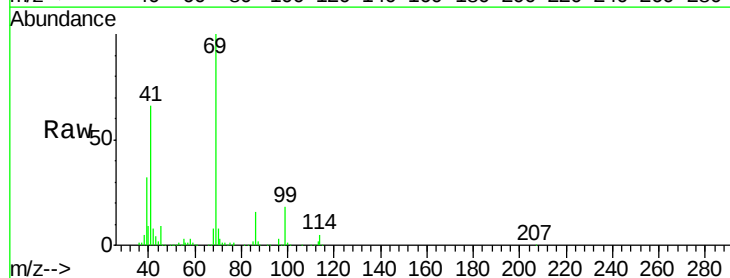
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0122SBSD01

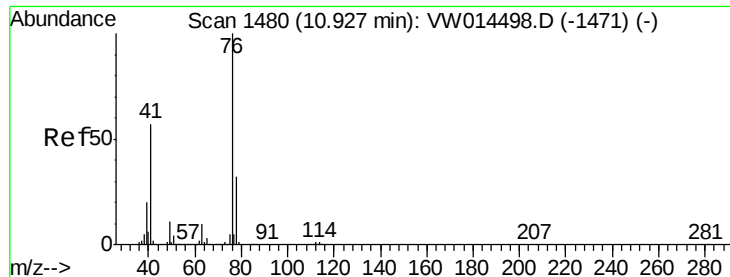
Tgt Ion:	97	Resp:	111149
Ion	Ratio	Lower	Upper
97	100		
83	84.0	68.2	102.4
85	55.6	43.0	64.4
99	63.0	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 21.02 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: VW014713.D
 Acq: 22 Jan 2020 15:07

Tgt Ion:	69	Resp:	140264
Ion	Ratio	Lower	Upper
69	100		
41	67.6	51.3	76.9
39	27.9	21.0	31.6

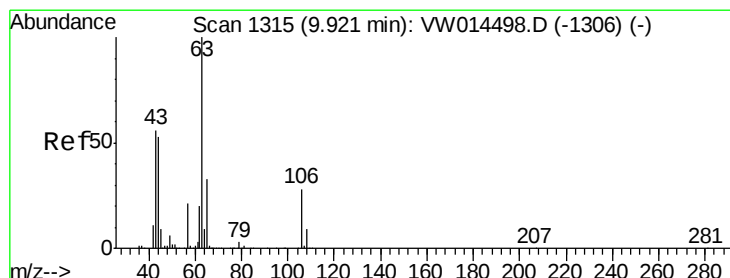
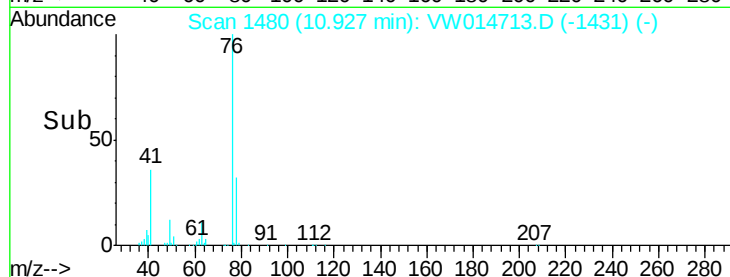
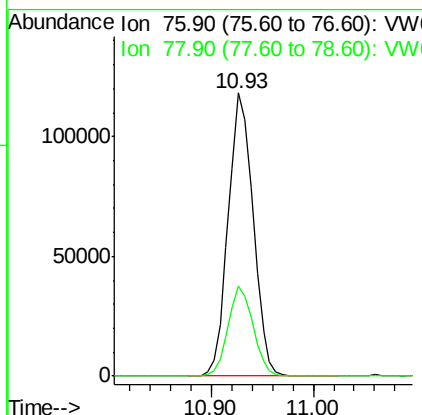
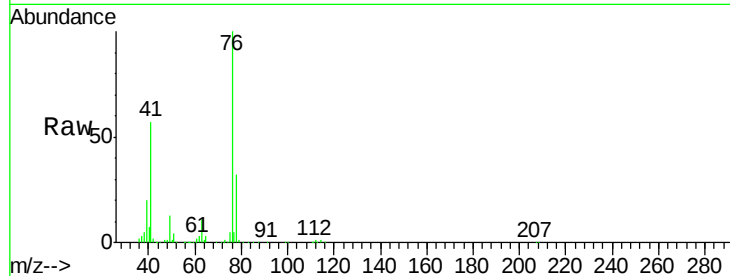




#57
 1,3-Dichloropropane
 Concen: 22.13 ug/l
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: VW014713.D
 Acq: 22 Jan 2020 15:07

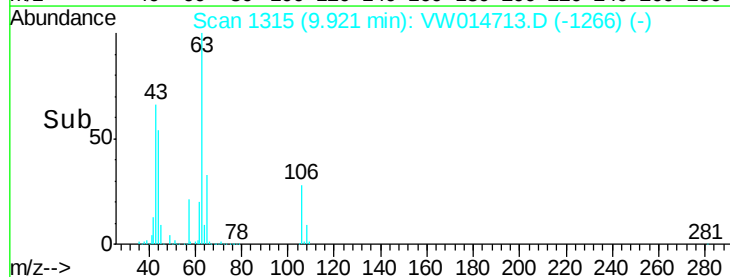
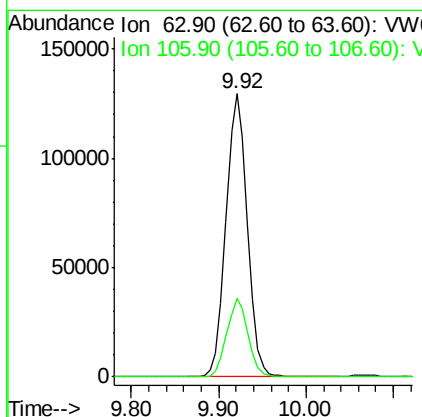
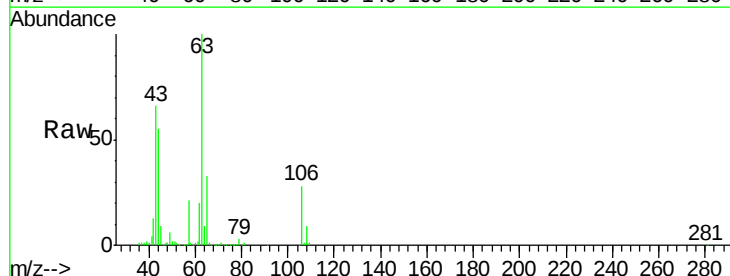
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0122SBSD01

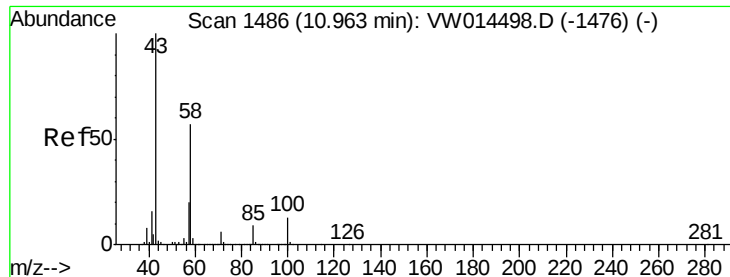
Tgt Ion: 76 Resp: 199689
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 107.81 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW014713.D
 Acq: 22 Jan 2020 15:07

Tgt Ion: 63 Resp: 218796
 Ion Ratio Lower Upper
 63 100
 106 27.5 23.0 34.6

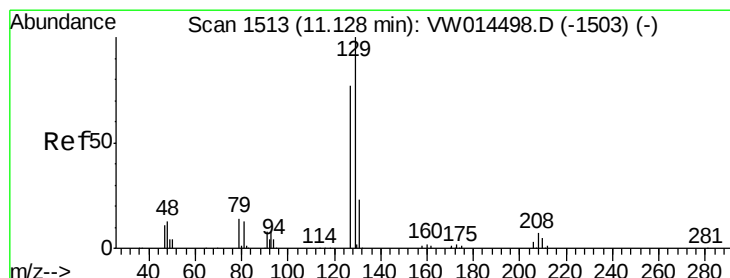
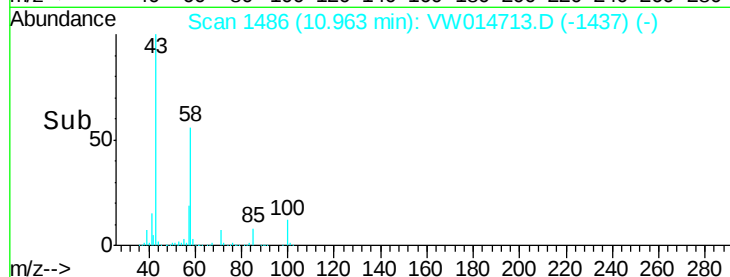
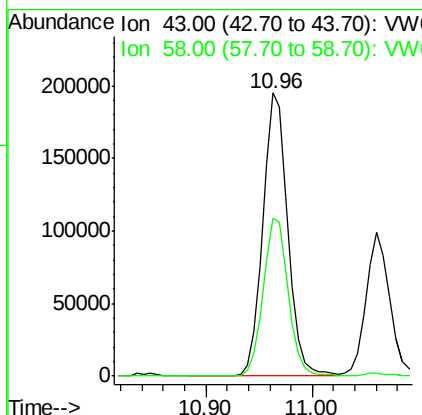
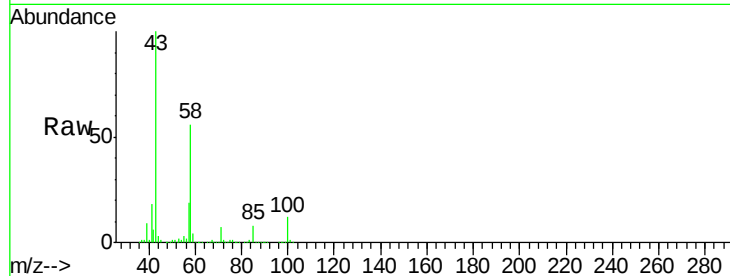




#59
2-Hexanone
Concen: 105.93 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VW014713.D
Acq: 22 Jan 2020 15:07

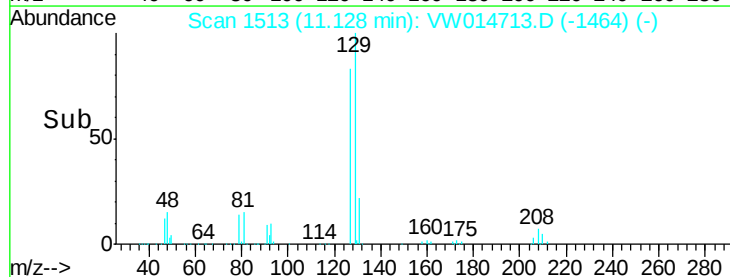
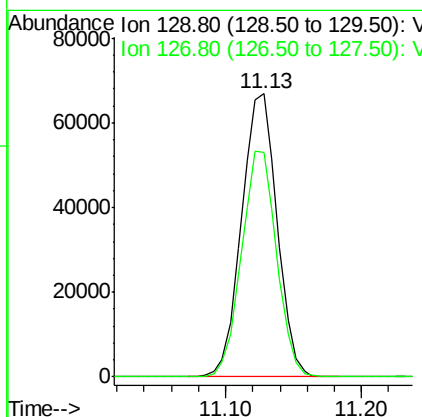
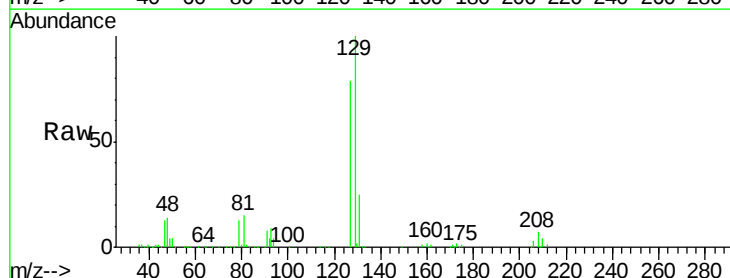
Instrument :
MSVOA_W
ClientSampleId :
VW0122SBSD01

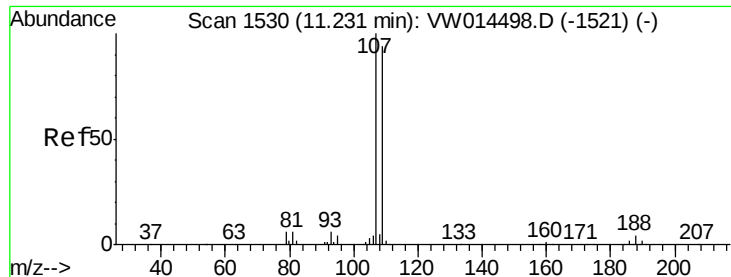
Tgt Ion: 43 Resp: 320239
Ion Ratio Lower Upper
43 100
58 56.2 28.7 86.3



#60
Dibromochloromethane
Concen: 21.11 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW014713.D
Acq: 22 Jan 2020 15:07

Tgt Ion: 129 Resp: 122301
Ion Ratio Lower Upper
129 100
127 78.8 38.1 114.5

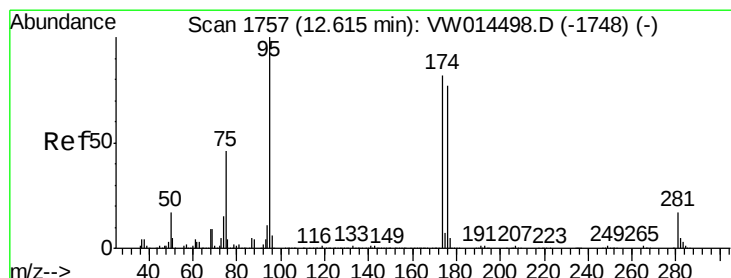
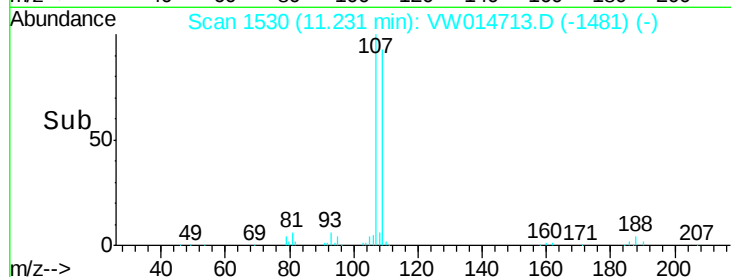
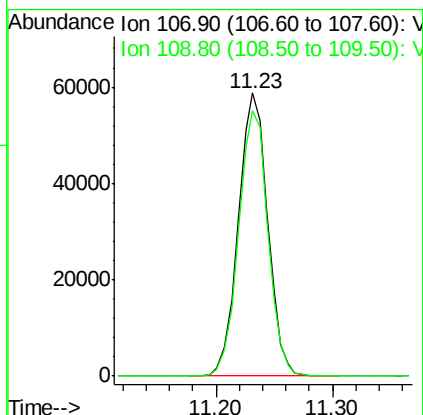
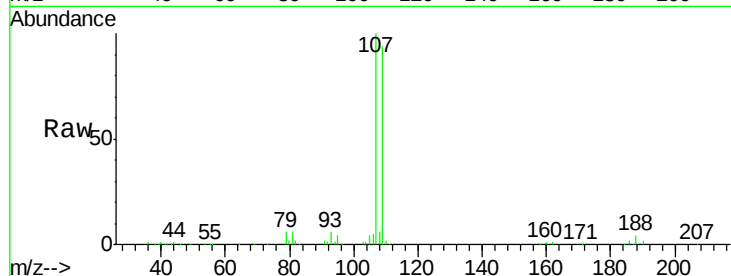




#61
 1,2-Dibromoethane
 Concen: 21.18 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW014713.D
 Acq: 22 Jan 2020 15:07

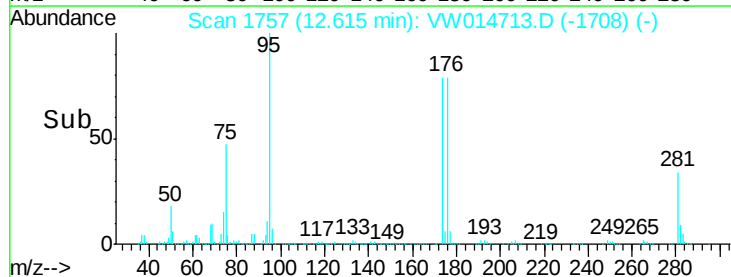
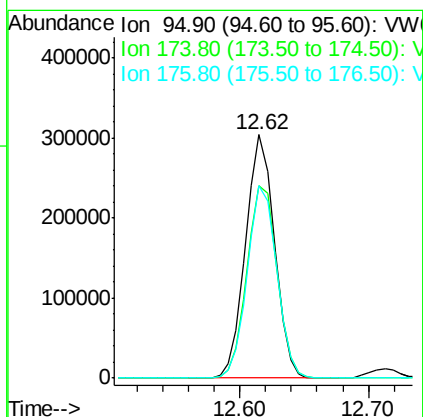
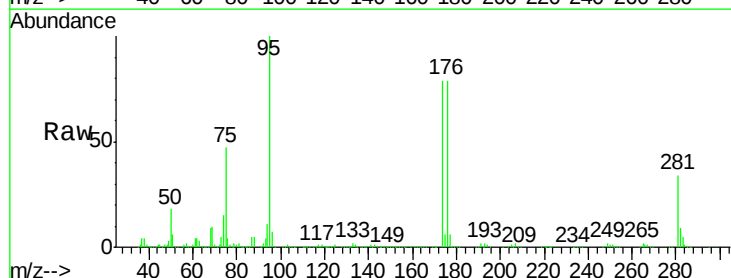
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0122SBSD01

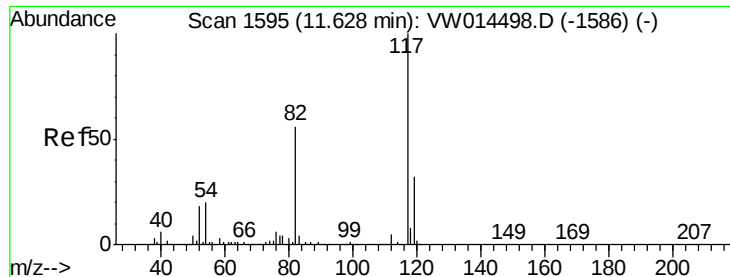
Tgt Ion: 107 Resp: 103240
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 54.65 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW014713.D
 Acq: 22 Jan 2020 15:07

Tgt Ion: 95 Resp: 470437
 Ion Ratio Lower Upper
 95 100
 174 82.4 0.0 168.6
 176 80.4 0.0 162.0

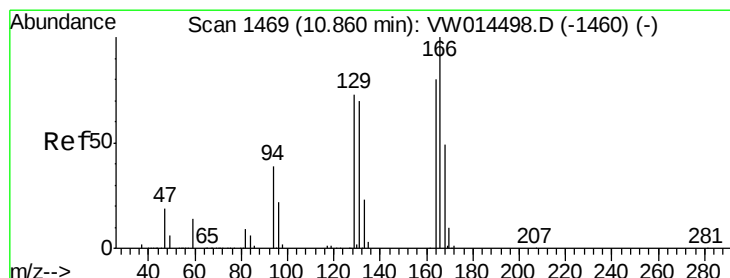
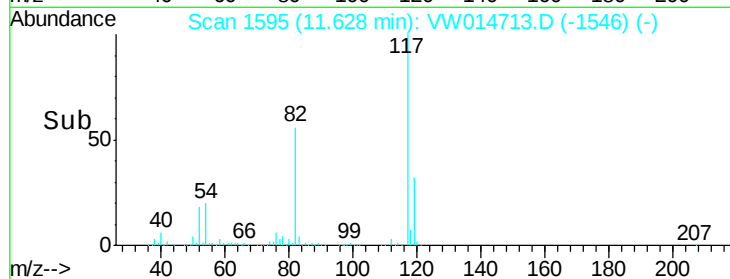
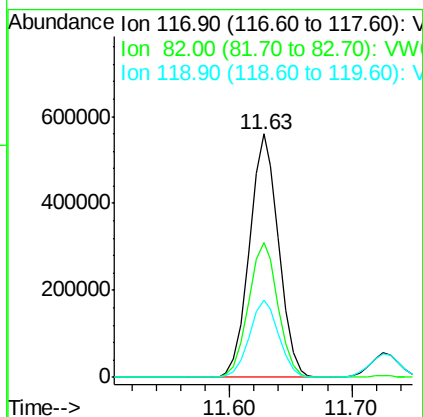
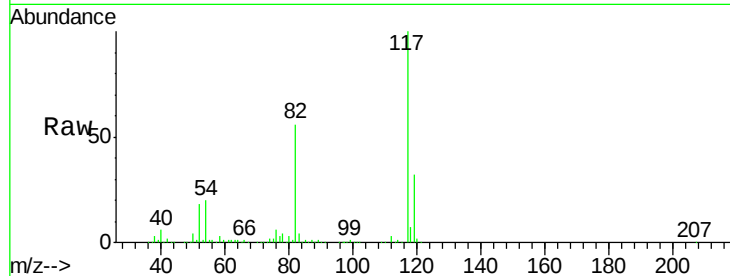




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014713.D
Acq: 22 Jan 2020 15:07

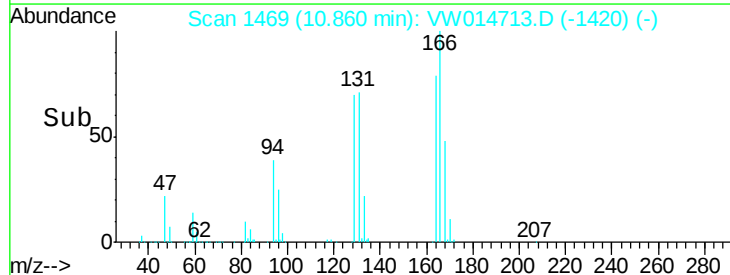
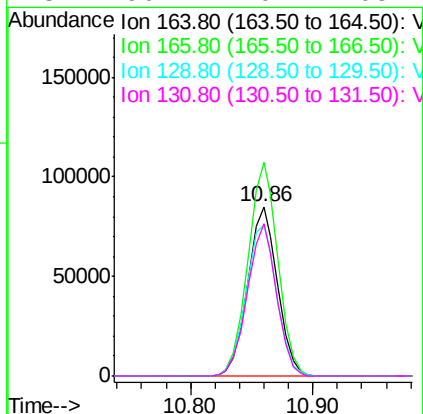
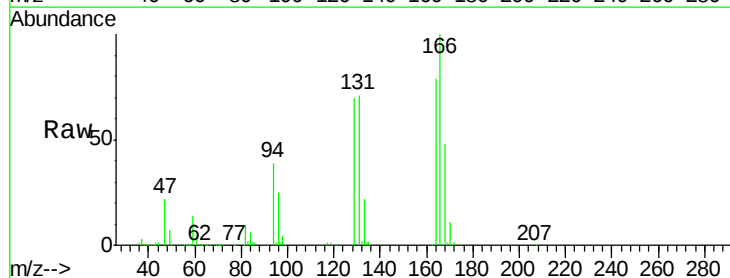
Instrument :
MSVOA_W
ClientSampled :
VW0122SBSD01

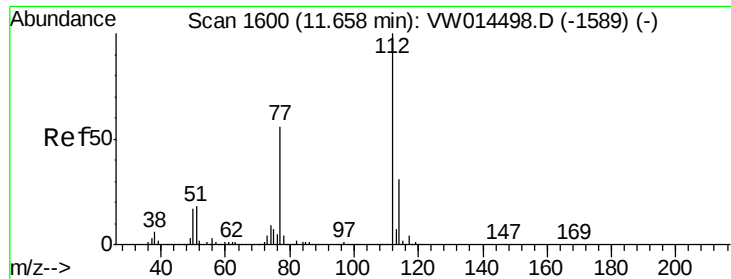
Tgt Ion:117 Resp: 924624
Ion Ratio Lower Upper
117 100
82 55.6 44.6 67.0
119 31.7 25.7 38.5



#64
Tetrachloroethene
Concen: 21.48 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW014713.D
Acq: 22 Jan 2020 15:07

Tgt Ion:164 Resp: 143806
Ion Ratio Lower Upper
164 100
166 126.4 99.8 149.6
129 89.1 72.4 108.6
131 90.2 70.1 105.1





#65

Chlorobenzene

Concen: 21.91 ug/l

RT: 11.65 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VW014713.D

Acq: 22 Jan 2020 15:07

Instrument :

MSVOA_W

ClientSampleId :

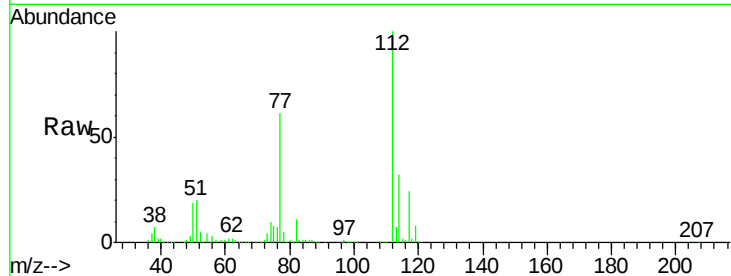
VW0122SBSD01

Tgt Ion:112 Resp: 415070

Ion Ratio Lower Upper

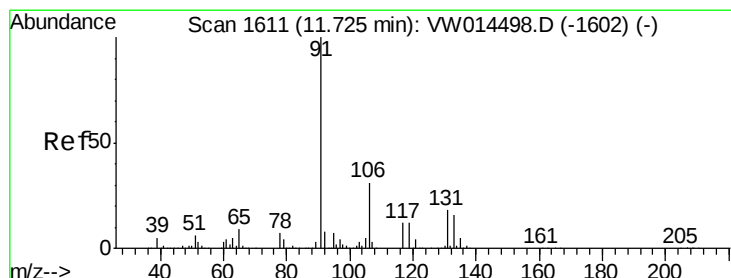
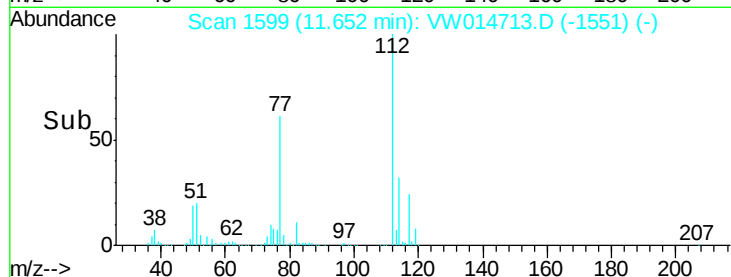
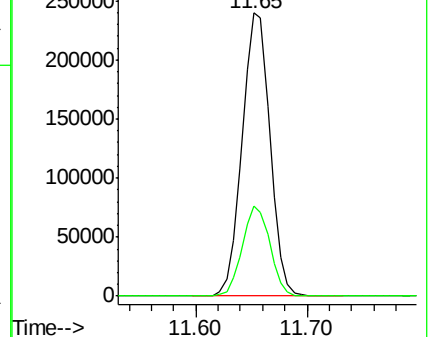
112 100

114 31.8 24.6 37.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 22.00 ug/l

RT: 11.73 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VW014713.D

Acq: 22 Jan 2020 15:07

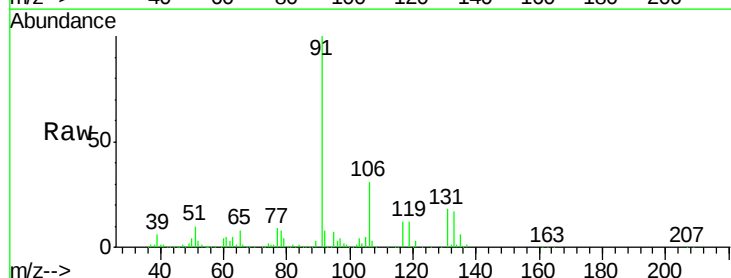
Tgt Ion:131 Resp: 140338

Ion Ratio Lower Upper

131 100

133 96.9 47.3 142.0

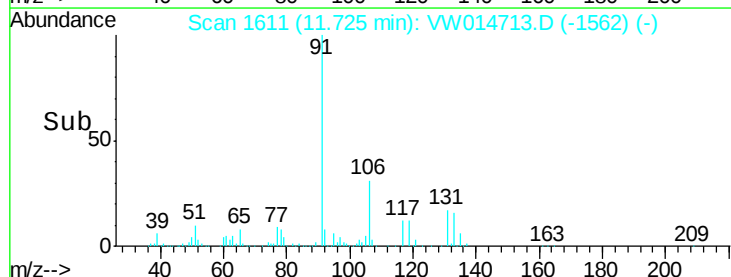
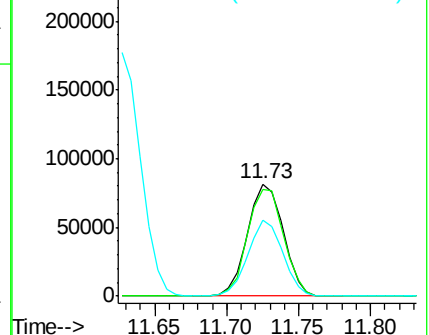
119 65.9 33.1 99.3

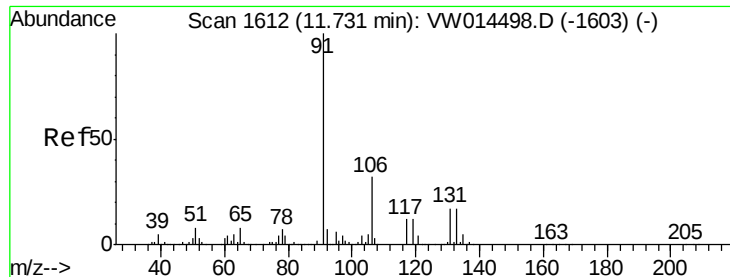


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

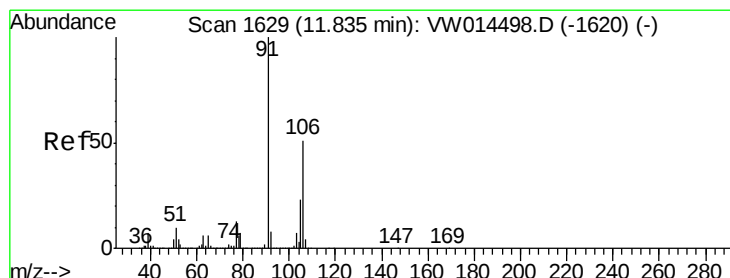
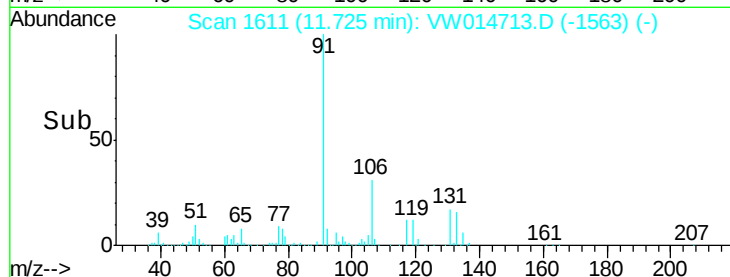
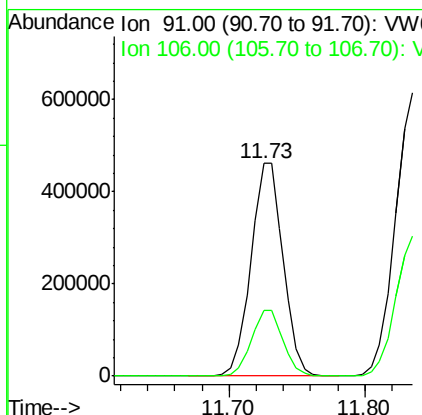
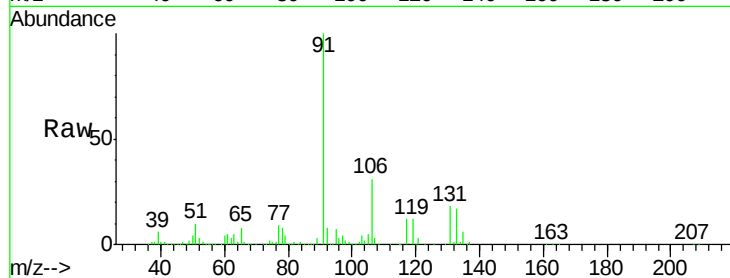




#67
Ethyl Benzene
Concen: 22.41 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW014713.D
Acq: 22 Jan 2020 15:07

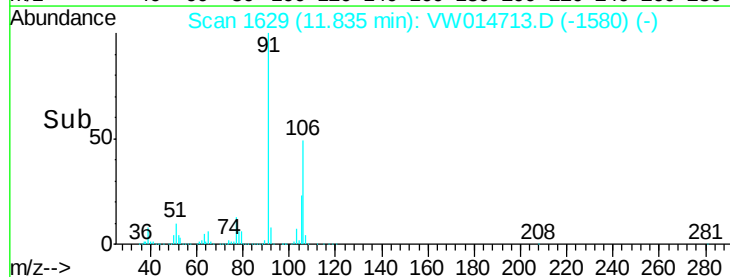
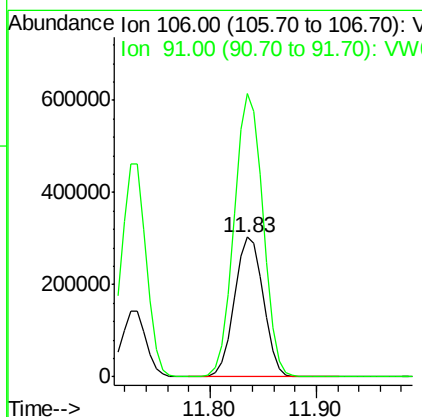
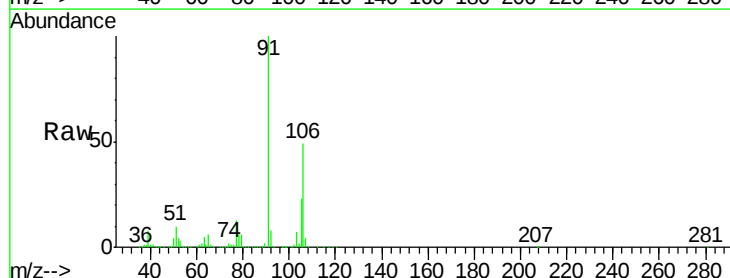
Instrument :
MSVOA_W
ClientSampleId :
VW0122SBSD01

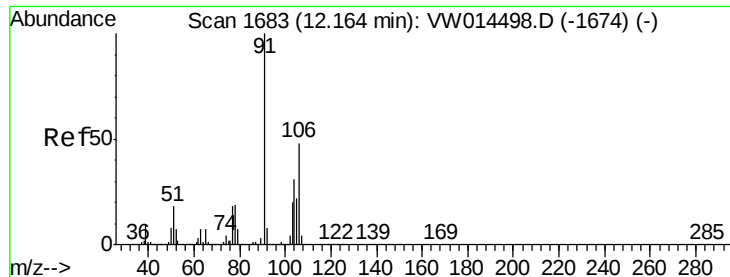
Tgt Ion: 91 Resp: 764956
Ion Ratio Lower Upper
91 100
106 31.0 25.5 38.3



#68
m/p-Xylenes
Concen: 44.17 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW014713.D
Acq: 22 Jan 2020 15:07

Tgt Ion: 106 Resp: 577029
Ion Ratio Lower Upper
106 100
91 202.7 159.0 238.6

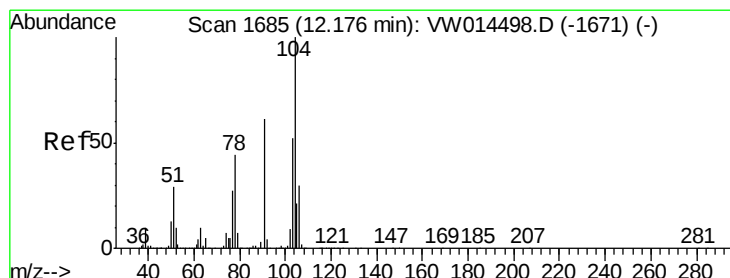
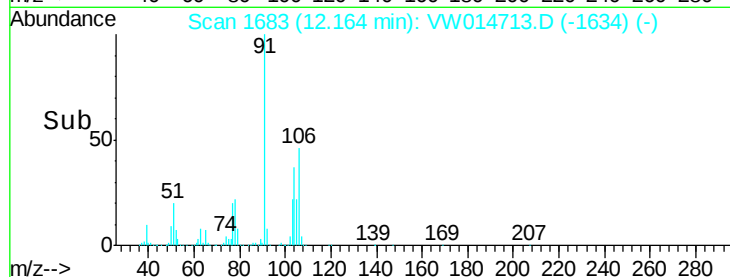
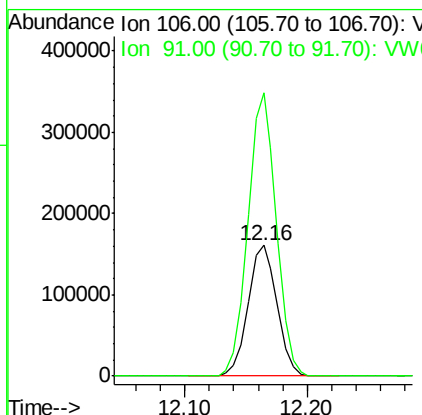
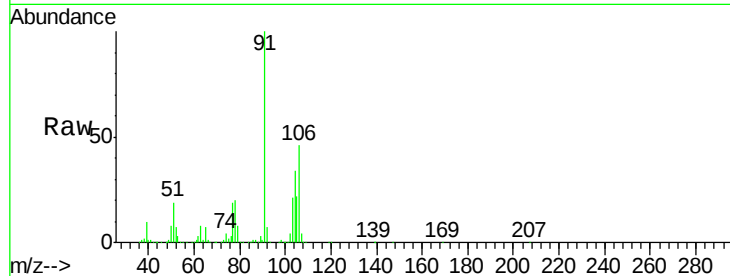




#69
o-Xylene
Concen: 21.89 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014713.D
Acq: 22 Jan 2020 15:07

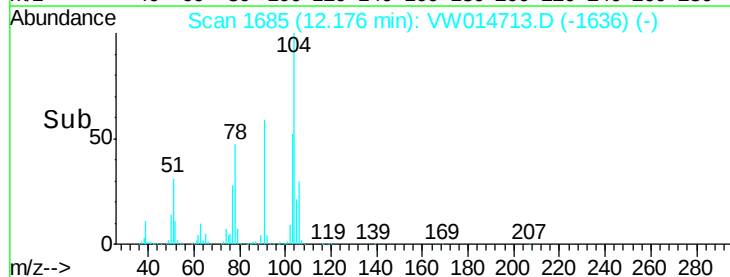
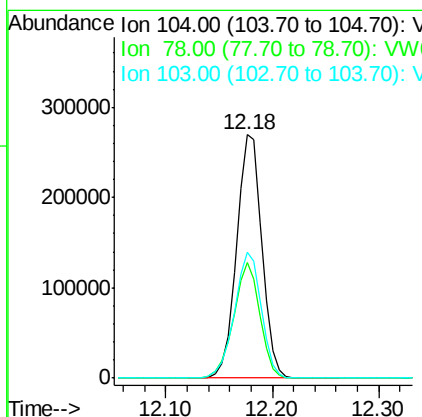
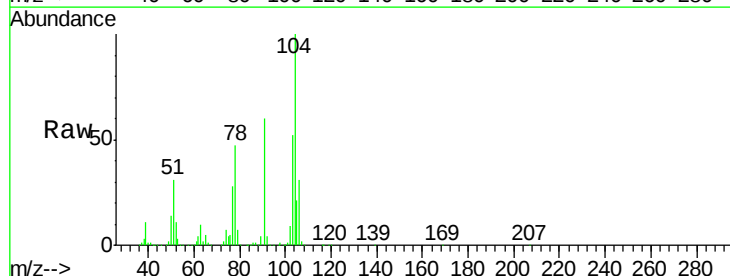
Instrument :
MSVOA_W
ClientSampleId :
VW0122SBSD01

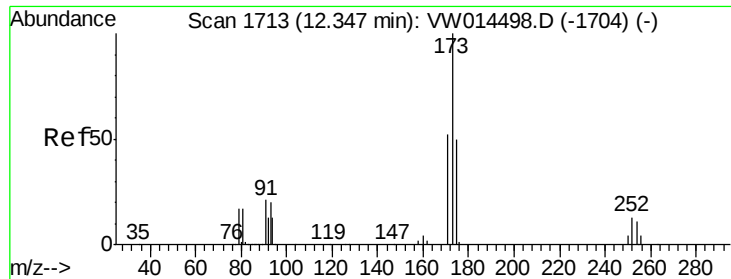
Tgt Ion:106 Resp: 264188
Ion Ratio Lower Upper
106 100
91 212.2 105.2 315.6



#70
Styrene
Concen: 22.06 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VW014713.D
Acq: 22 Jan 2020 15:07

Tgt Ion:104 Resp: 450274
Ion Ratio Lower Upper
104 100
78 49.2 38.4 57.6
103 54.9 43.7 65.5





#71

Bromoform

Concen: 20.19 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW014713.D

Acq: 22 Jan 2020 15:07

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBSD01

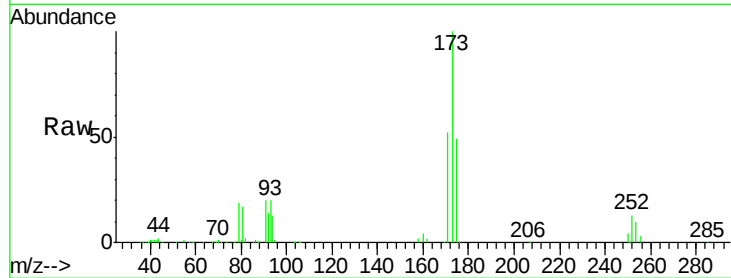
Tgt Ion:173 Resp: 70254

Ion Ratio Lower Upper

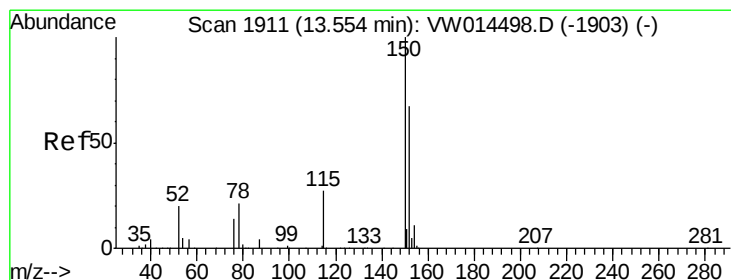
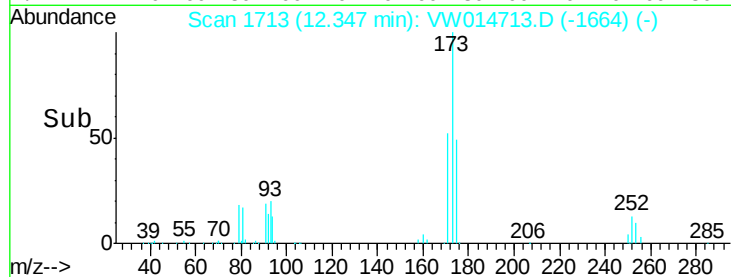
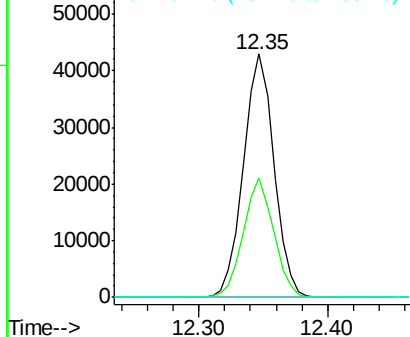
173 100

175 48.6 24.5 73.5

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. 0.00 min

Lab File: VW014713.D

Acq: 22 Jan 2020 15:07

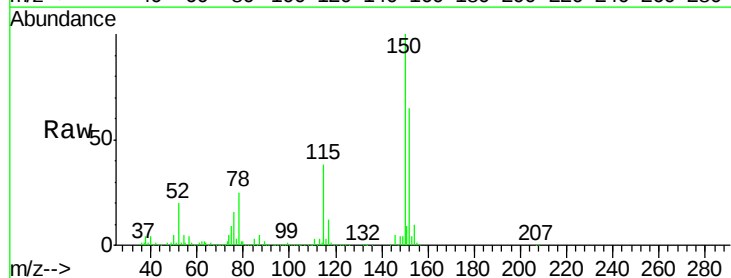
Tgt Ion:152 Resp: 452458

Ion Ratio Lower Upper

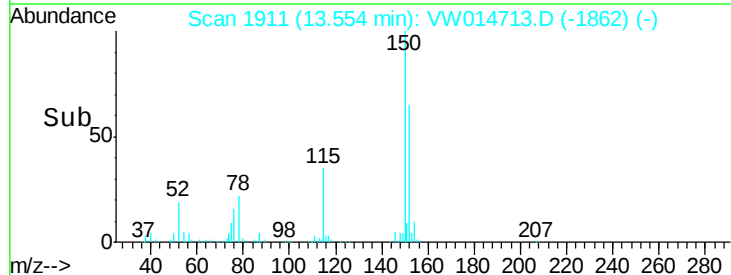
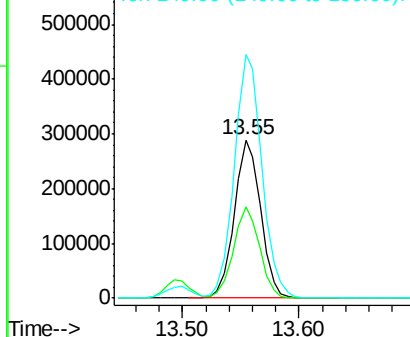
152 100

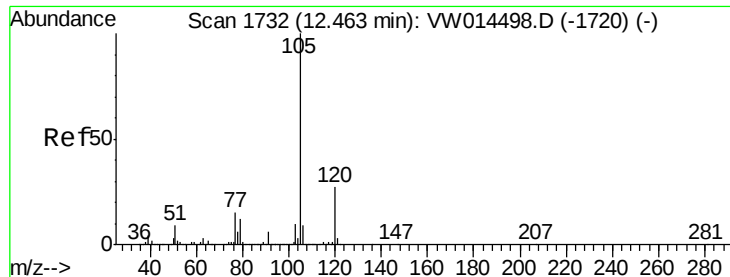
115 57.2 27.7 83.1

150 162.9 0.0 343.4



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: 22.17 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW014713.D

Acq: 22 Jan 2020 15:07

Instrument :

MSVOA_W

ClientSampleId :

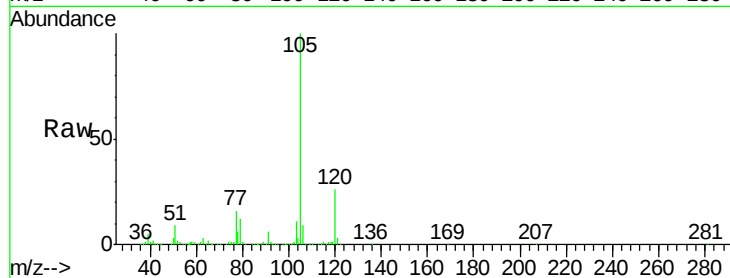
VW0122SBSD01

Tgt Ion:105 Resp: 736088

Ion Ratio Lower Upper

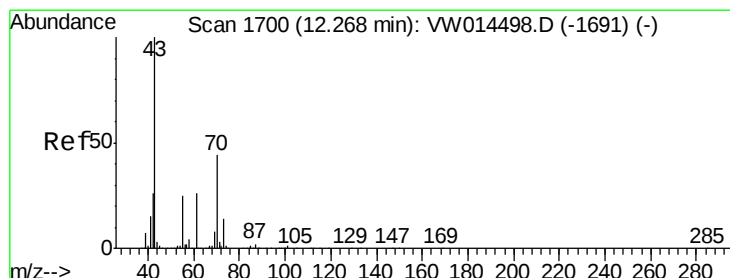
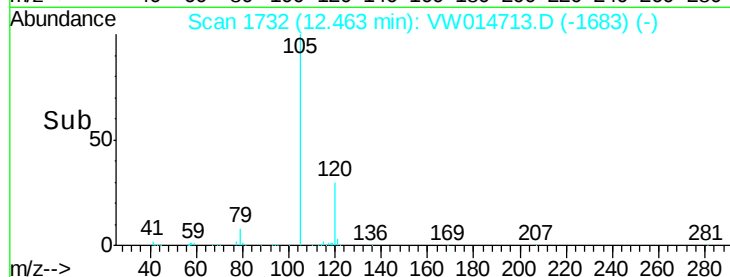
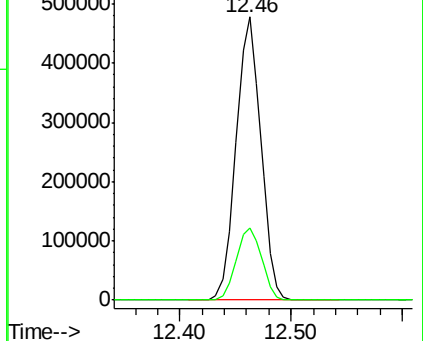
105 100

120 26.2 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.58 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VW014713.D

Acq: 22 Jan 2020 15:07

Tgt Ion: 43 Resp: 160609

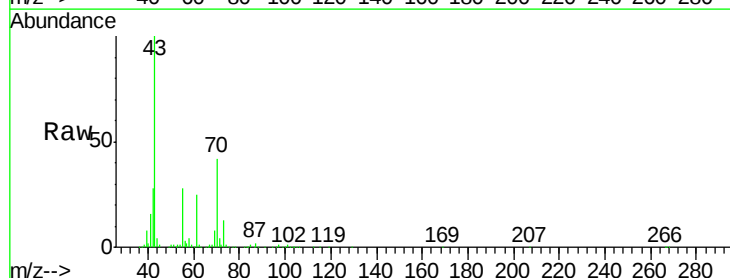
Ion Ratio Lower Upper

43 100

70 43.2 36.5 54.7

55 27.0 20.9 31.3

61 25.0 20.7 31.1

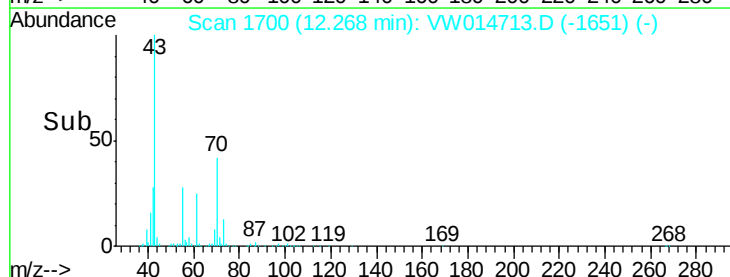
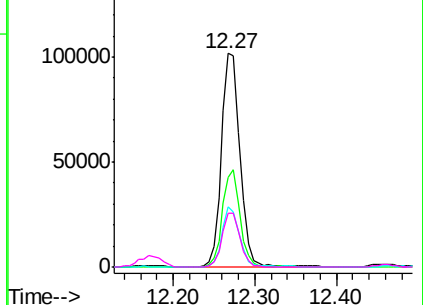


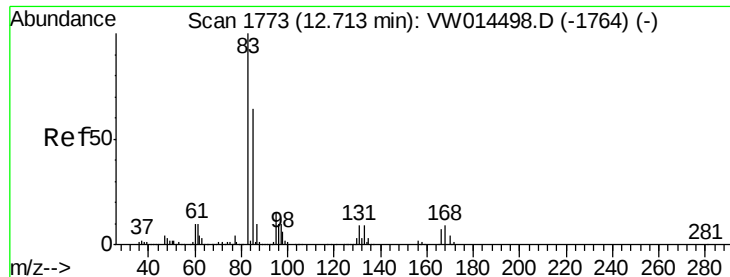
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 21.19 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW014713.D

Acq: 22 Jan 2020 15:07

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBS01

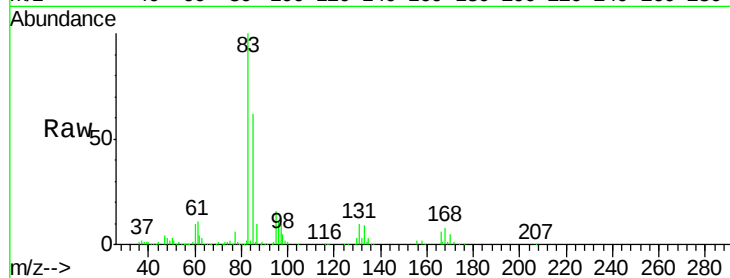
Tgt Ion: 83 Resp: 126955

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.4

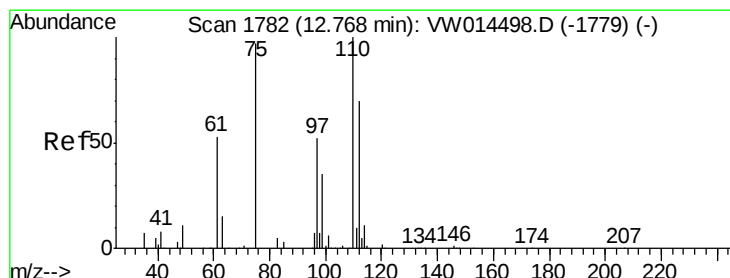
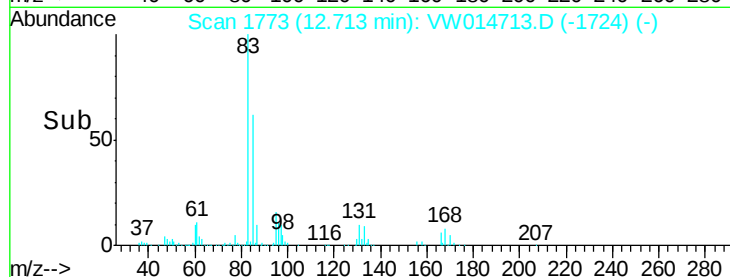
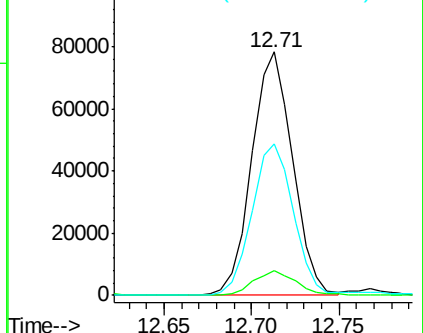
85 63.1 31.9 95.7



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: 38.06 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW014713.D

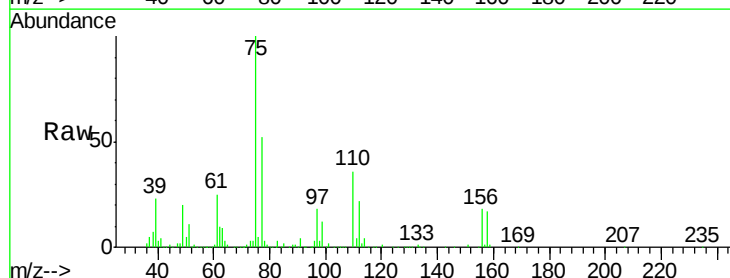
Acq: 22 Jan 2020 15:07

Tgt Ion: 75 Resp: 162828

Ion Ratio Lower Upper

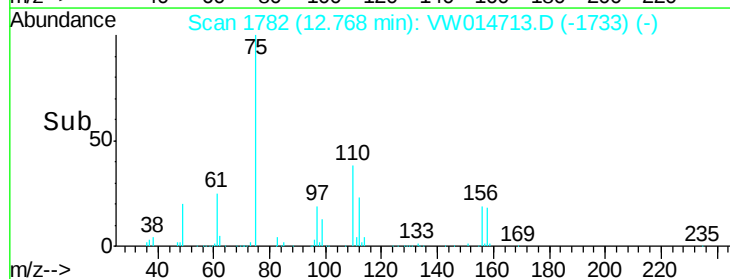
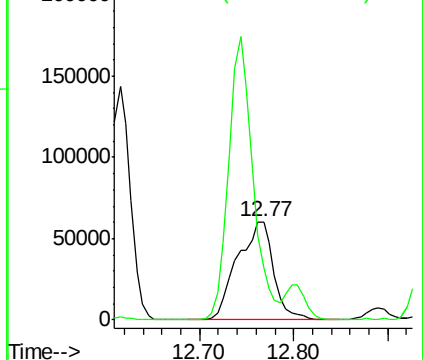
75 100

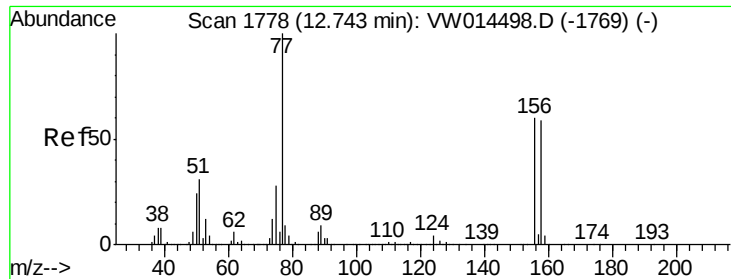
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.38 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW014713.D

Acq: 22 Jan 2020 15:07

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBSD01

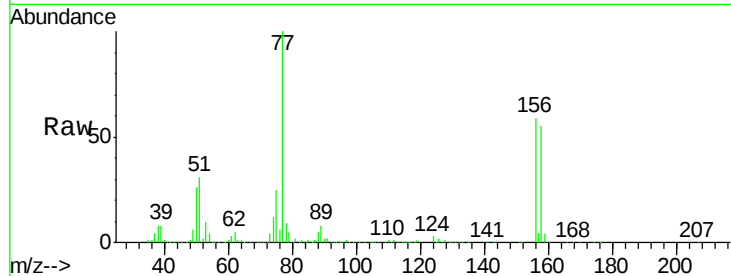
Tgt Ion:156 Resp: 164855

Ion Ratio Lower Upper

156 100

77 191.6 92.3 277.1

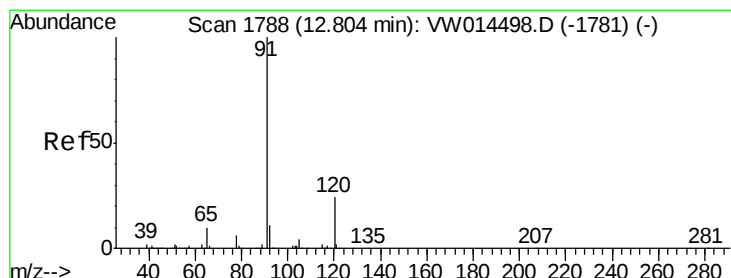
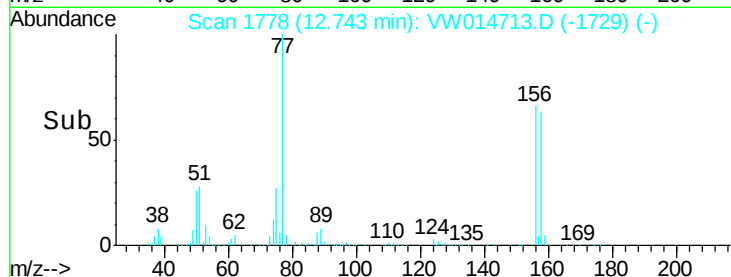
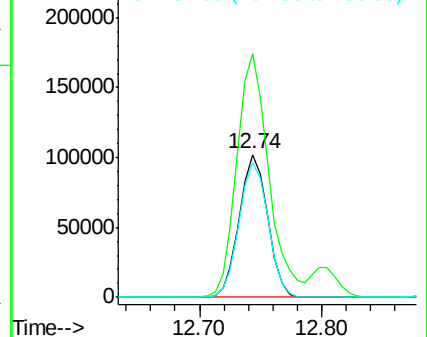
158 96.3 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.62 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW014713.D

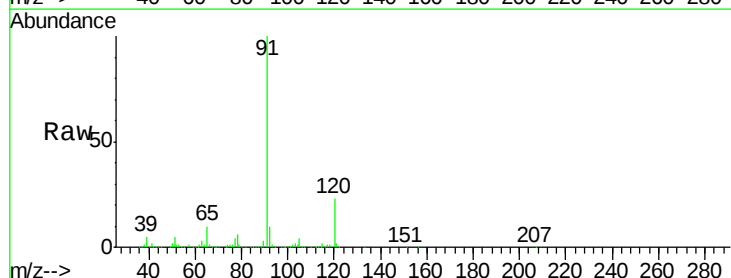
Acq: 22 Jan 2020 15:07

Tgt Ion: 91 Resp: 883123

Ion Ratio Lower Upper

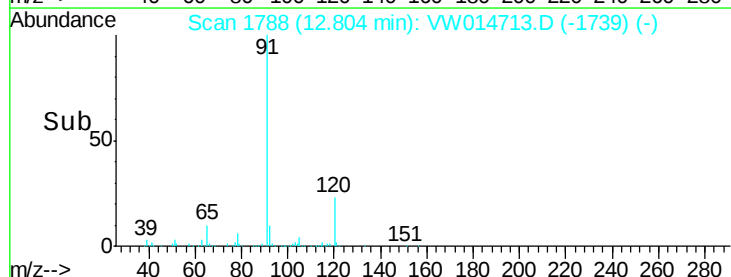
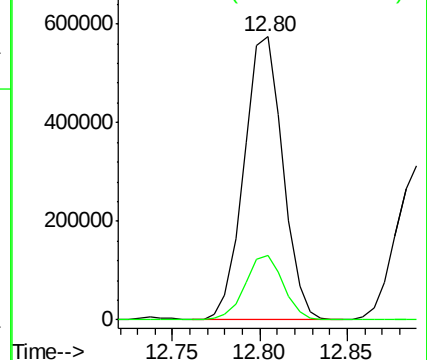
91 100

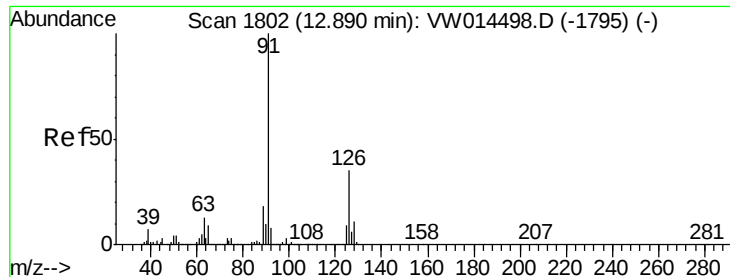
120 22.6 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.35 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW014713.D

Acq: 22 Jan 2020 15:07

Instrument :

MSVOA_W

ClientSampleId :

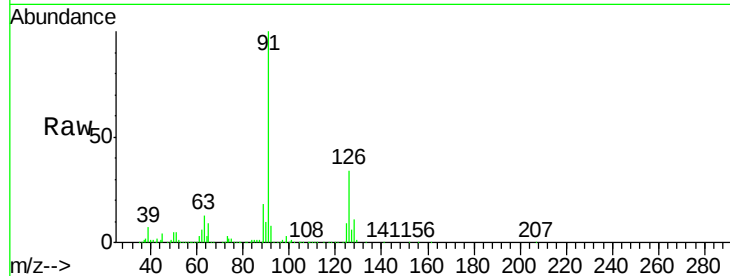
VW0122SBSD01

Tgt Ion: 91 Resp: 496593

Ion Ratio Lower Upper

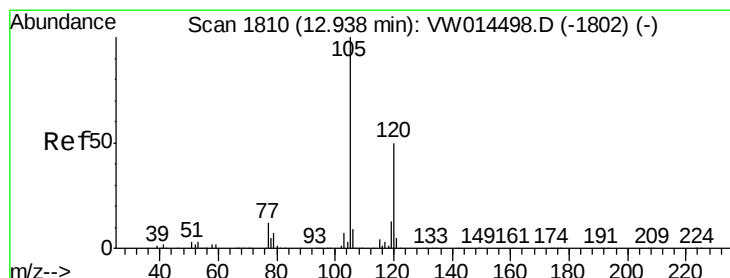
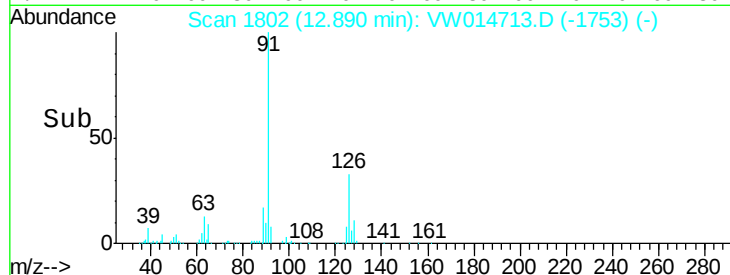
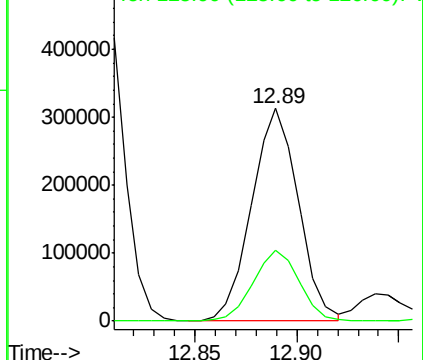
91 100

126 33.0 17.1 51.2



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: 22.24 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW014713.D

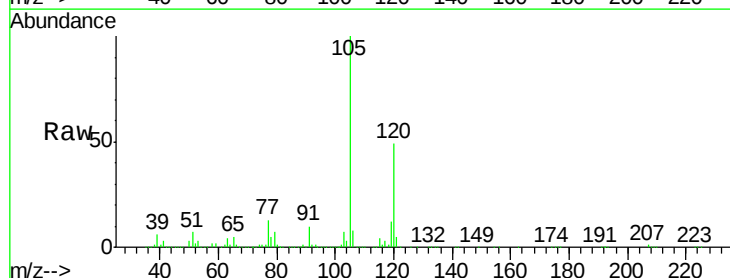
Acq: 22 Jan 2020 15:07

Tgt Ion: 105 Resp: 620068

Ion Ratio Lower Upper

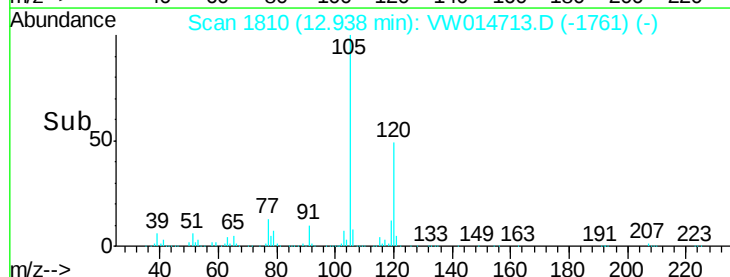
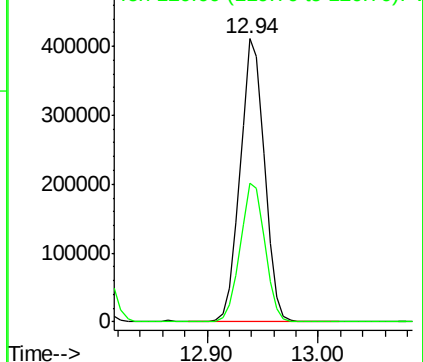
105 100

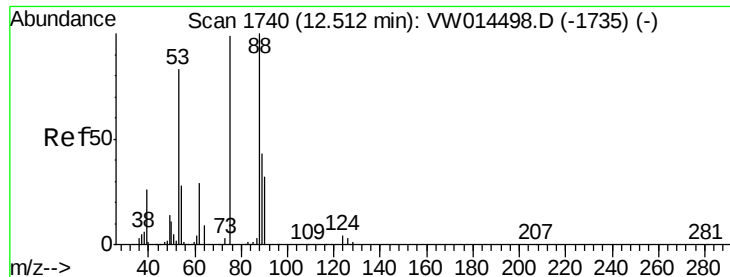
120 49.8 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

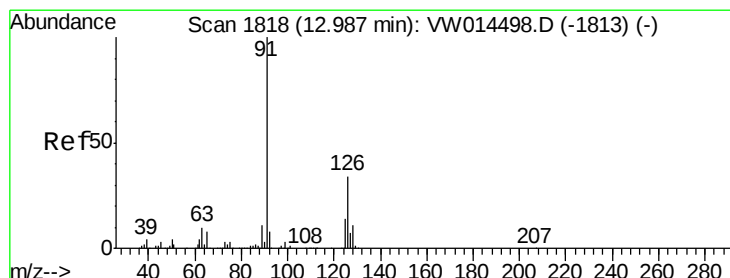
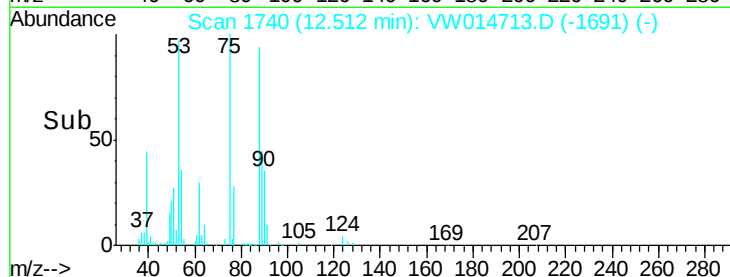
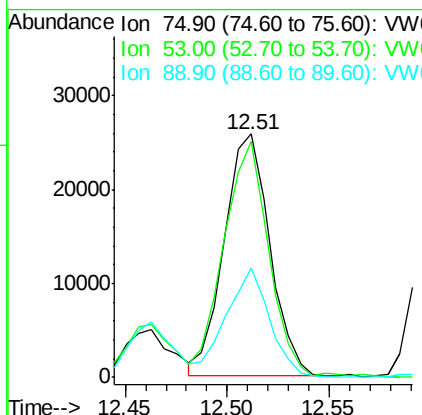
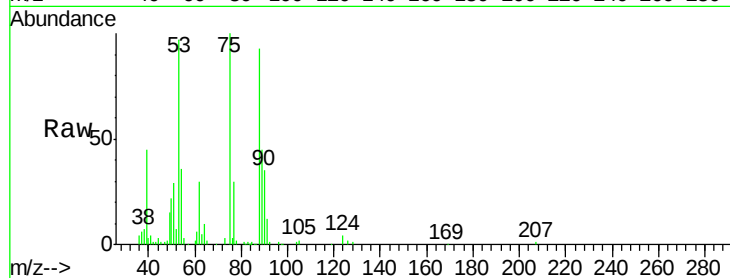




#81
trans-1,4-Dichloro-2-butene
Concen: 20.86 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW014713.D
Acq: 22 Jan 2020 15:07

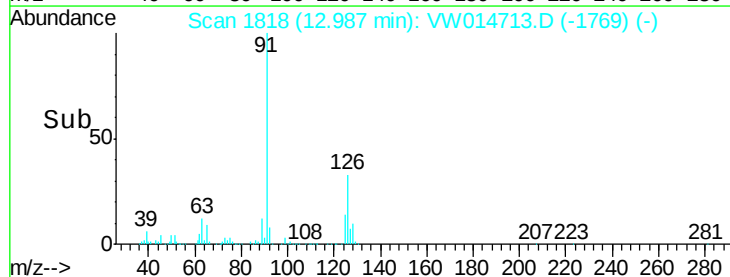
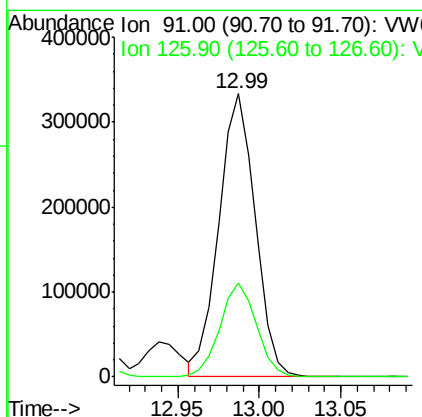
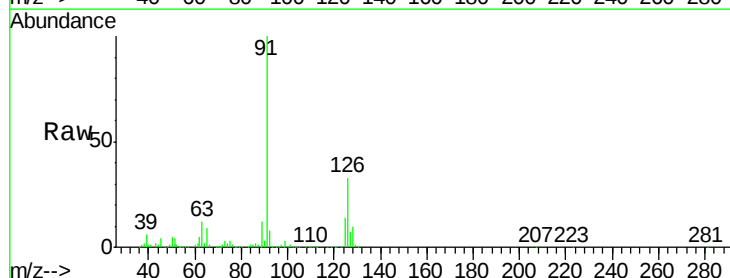
Instrument :
MSVOA_W
ClientSampleId :
VW0122SBSD01

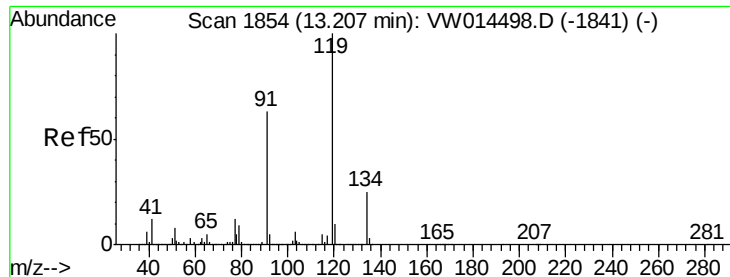
Tgt Ion: 75 Resp: 40058
Ion Ratio Lower Upper
75 100
53 97.1 70.9 106.3
89 43.6 35.8 53.8



#82
4-Chlorotoluene
Concen: 22.36 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW014713.D
Acq: 22 Jan 2020 15:07

Tgt Ion: 91 Resp: 516123
Ion Ratio Lower Upper
91 100
126 33.3 17.1 51.2





#83

tert-Butylbenzene

Concen: 22.01 ug/l

RT: 13.20 min Scan# 1853

Delta R.T. -0.01 min

Lab File: VW014713.D

Acq: 22 Jan 2020 15:07

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBSD01

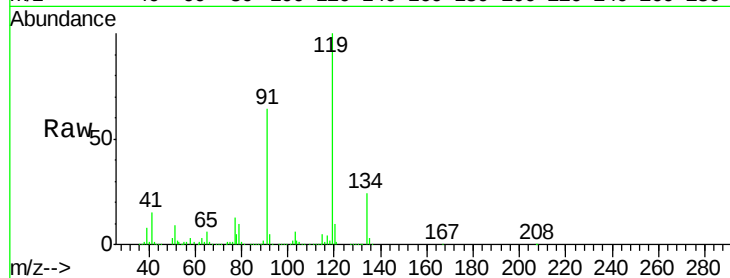
Tgt Ion:119 Resp: 537240

Ion Ratio Lower Upper

119 100

91 63.1 31.1 93.3

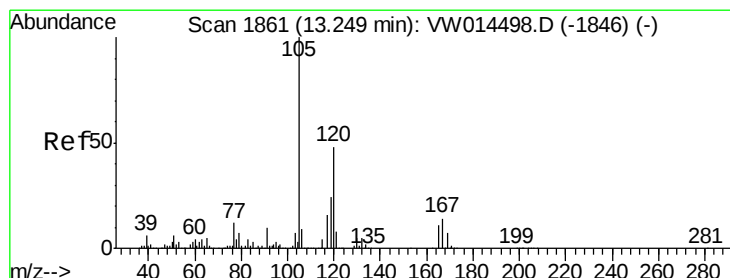
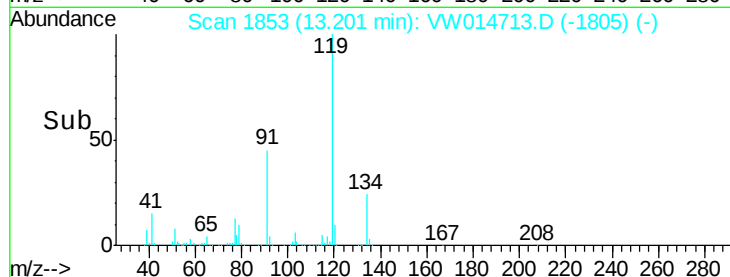
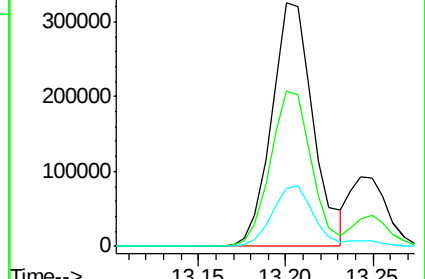
134 26.4 13.5 40.5



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: 22.28 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VW014713.D

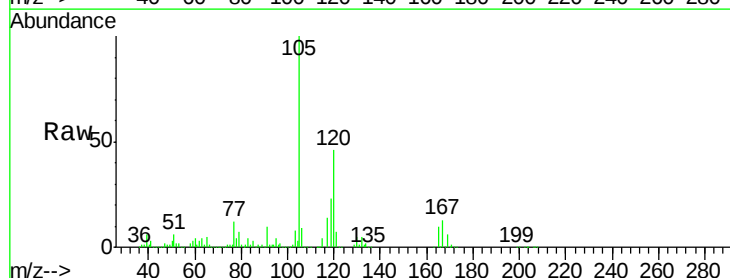
Acq: 22 Jan 2020 15:07

Tgt Ion:105 Resp: 617933

Ion Ratio Lower Upper

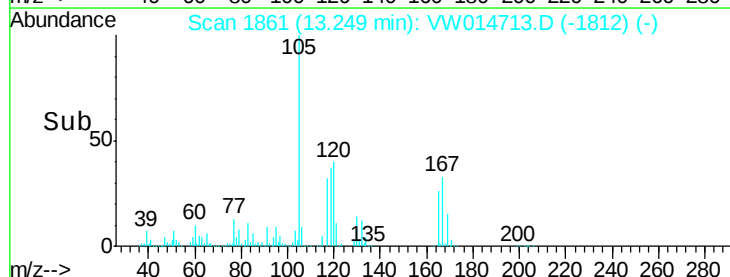
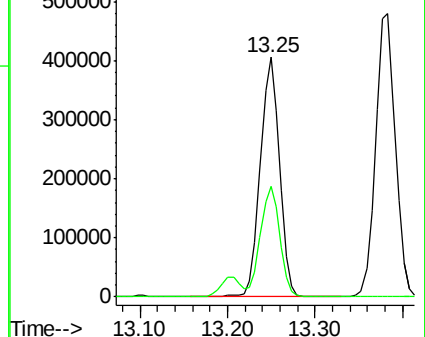
105 100

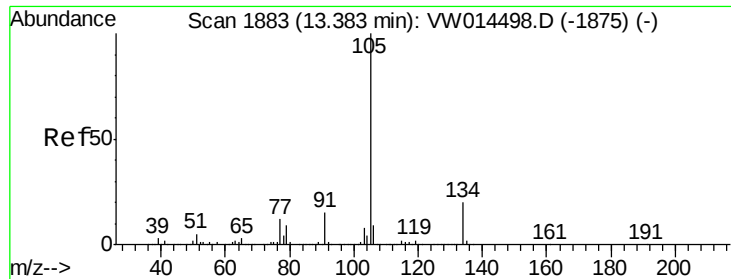
120 46.7 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 22.21 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW014713.D

Acq: 22 Jan 2020 15:07

Instrument :

MSVOA_W

ClientSampleId :

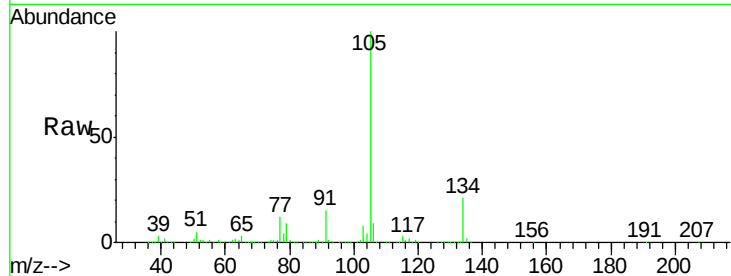
VW0122SBSD01

Tgt Ion:105 Resp: 750163

Ion Ratio Lower Upper

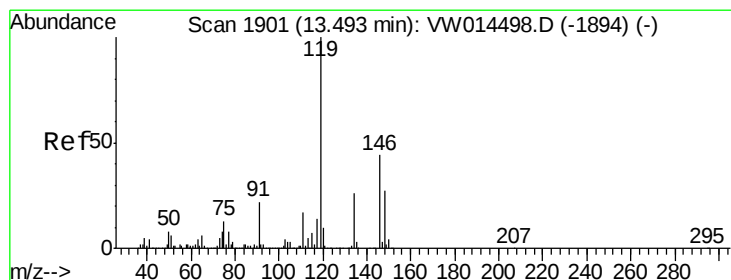
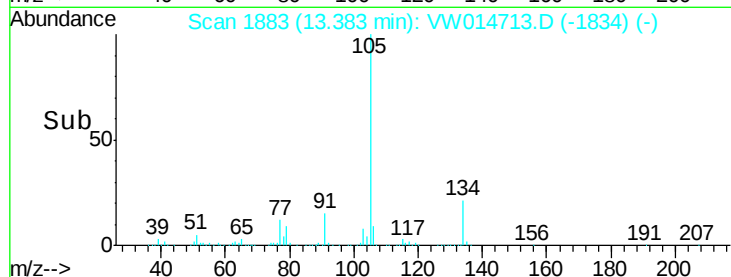
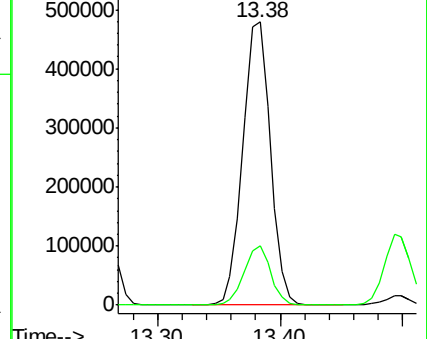
105 100

134 20.2 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.32 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. 0.00 min

Lab File: VW014713.D

Acq: 22 Jan 2020 15:07

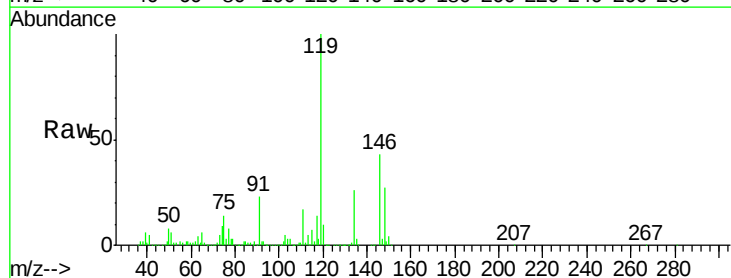
Tgt Ion:119 Resp: 687278

Ion Ratio Lower Upper

119 100

134 26.5 13.2 39.5

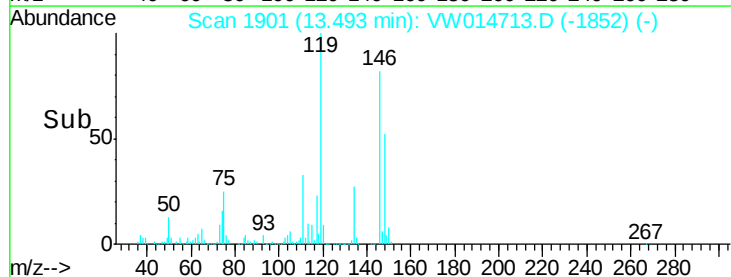
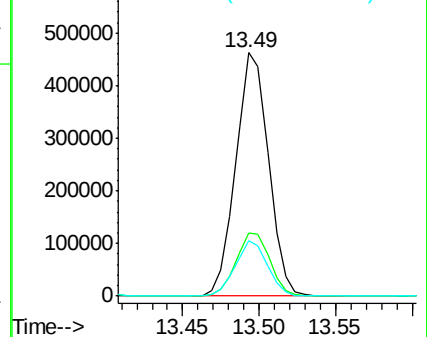
91 22.4 11.1 33.3

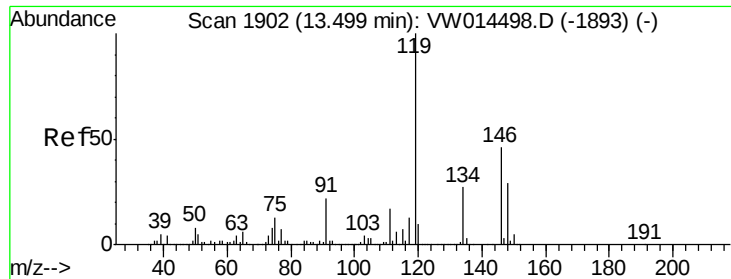


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

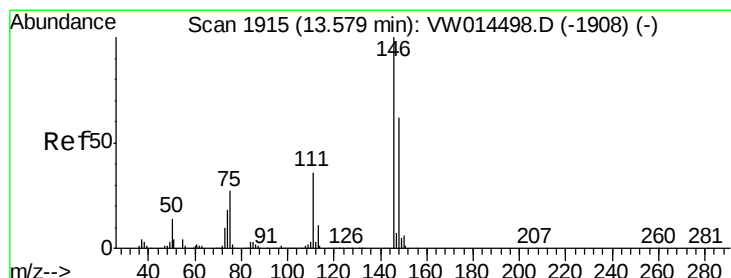
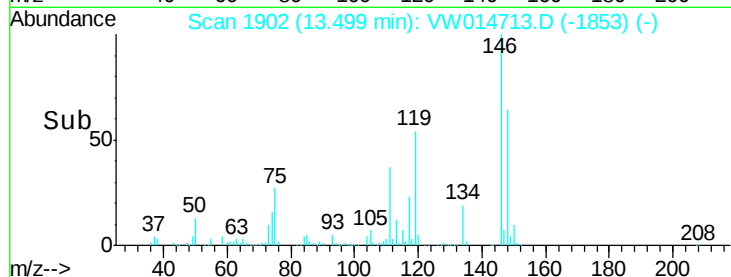
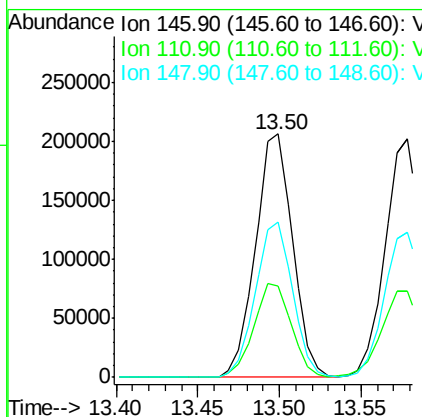
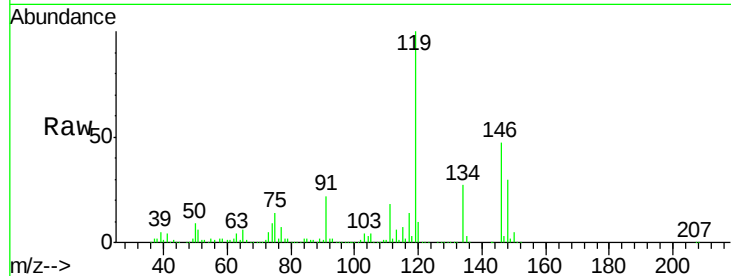




#87
 1,3-Dichlorobenzene
 Concen: 21.82 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW014713.D
 Acq: 22 Jan 2020 15:07

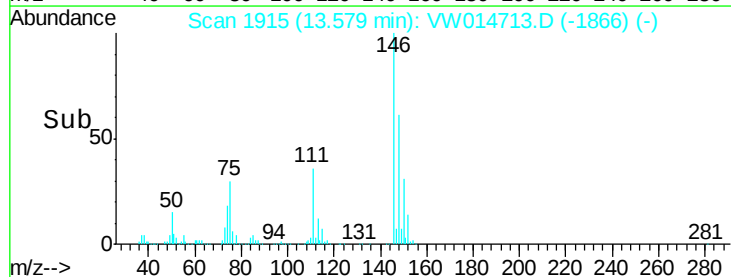
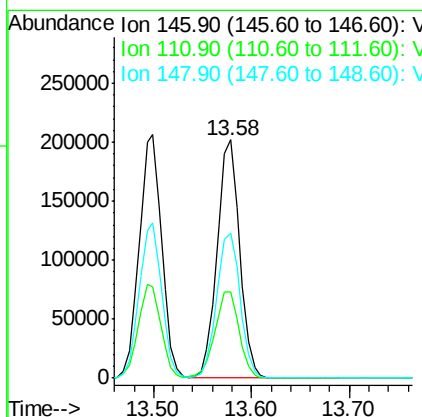
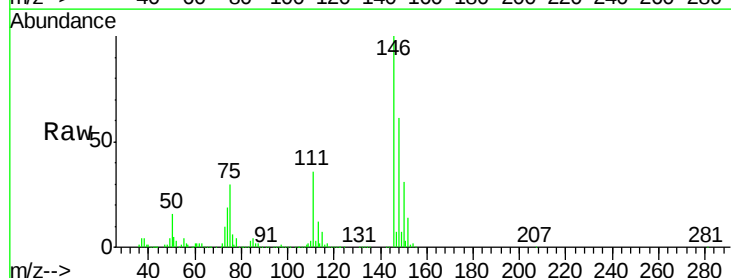
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0122SBSD01

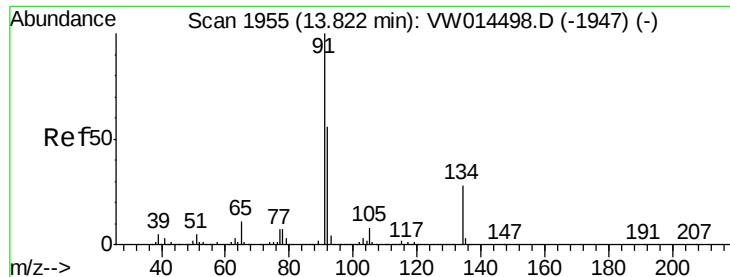
Tgt Ion:146 Resp: 327165
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.3 57.9
 148 63.7 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 21.82 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW014713.D
 Acq: 22 Jan 2020 15:07

Tgt Ion:146 Resp: 323058
 Ion Ratio Lower Upper
 146 100
 111 38.9 18.7 56.1
 148 63.5 31.7 95.1





#89

n-Butylbenzene

Concen: 22.57 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW014713.D

Acq: 22 Jan 2020 15:07

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBSD01

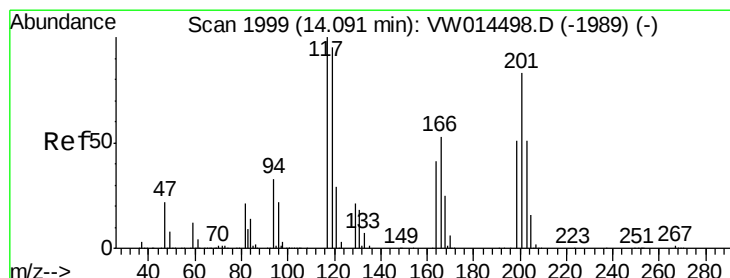
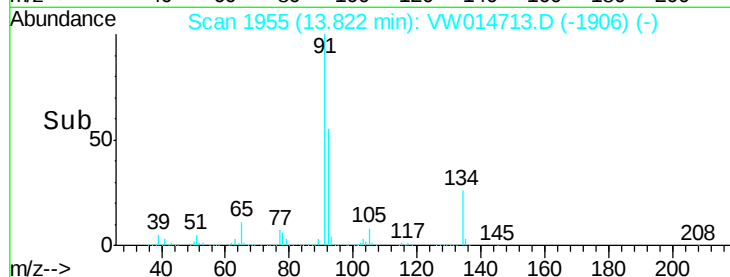
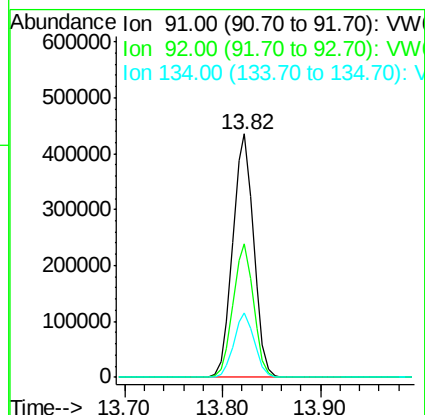
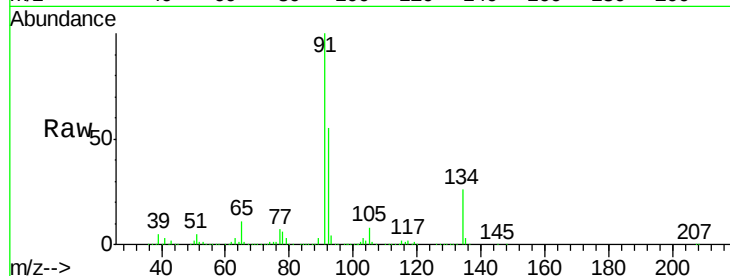
Tgt Ion: 91 Resp: 645352

Ion Ratio Lower Upper

91 100

92 53.9 27.5 82.5

134 25.9 13.7 41.1



#90

Hexachloroethane

Concen: 21.33 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW014713.D

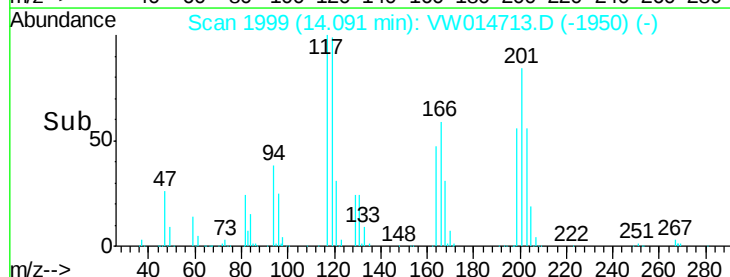
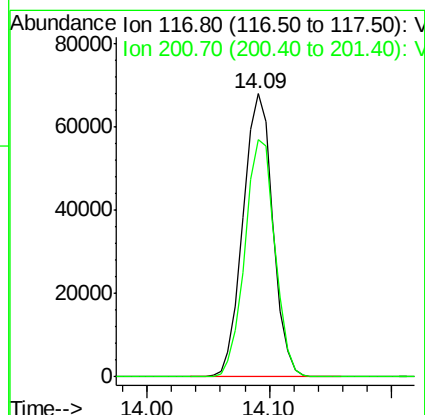
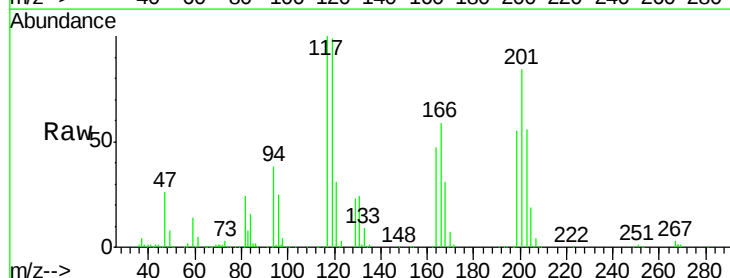
Acq: 22 Jan 2020 15:07

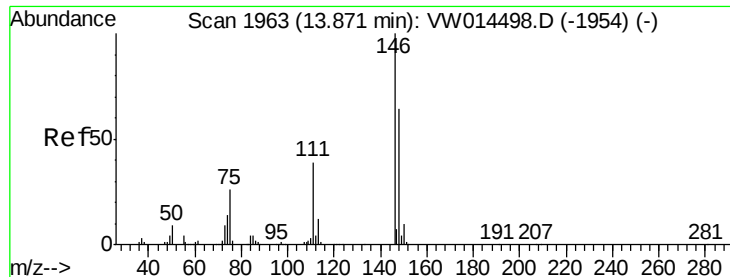
Tgt Ion: 117 Resp: 114750

Ion Ratio Lower Upper

117 100

201 84.5 43.0 128.8

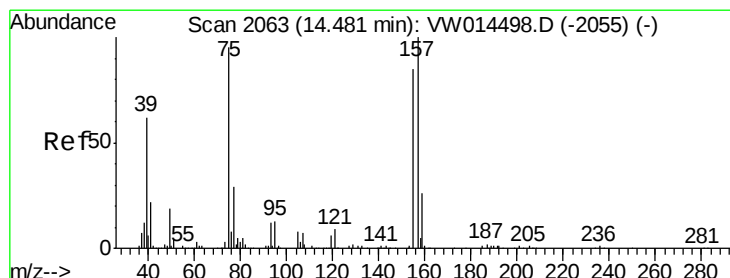
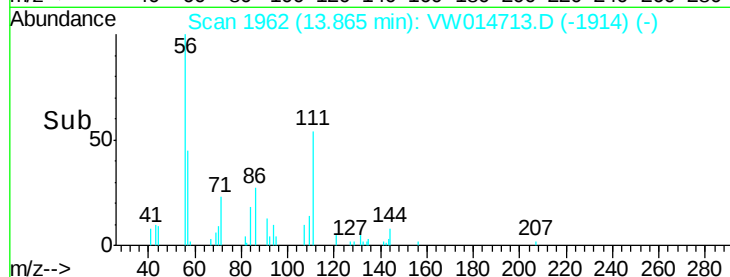
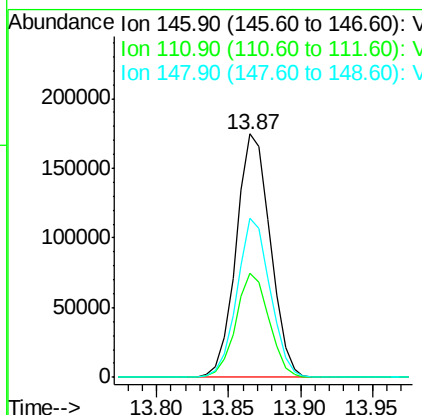
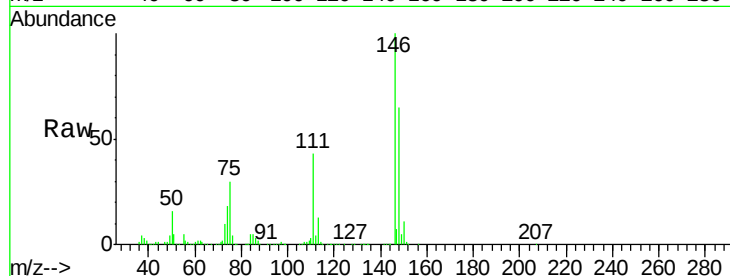




#91
 1,2-Dichlorobenzene
 Concen: 21.82 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW014713.D
 Acq: 22 Jan 2020 15:07

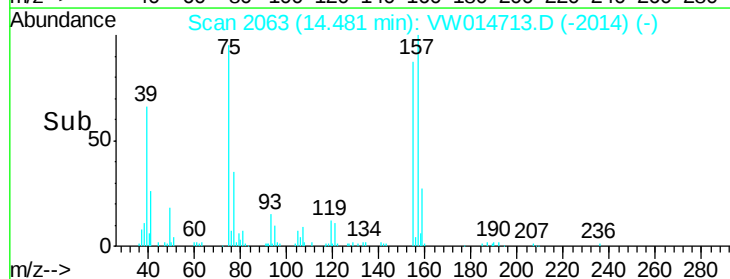
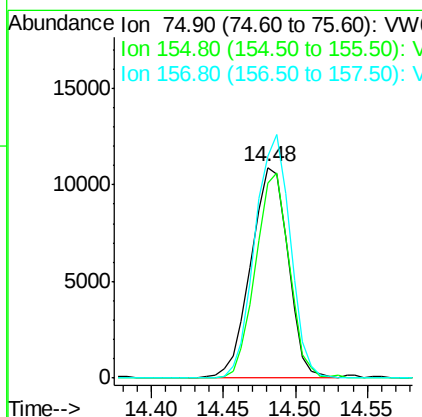
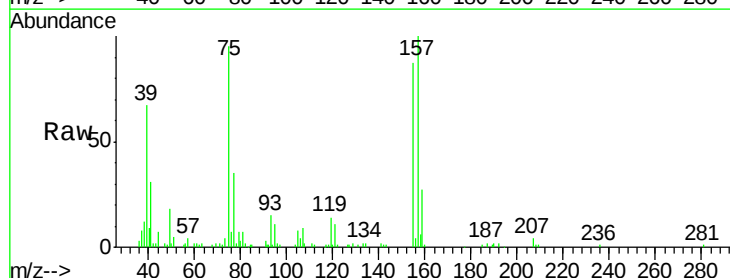
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0122SBSD01

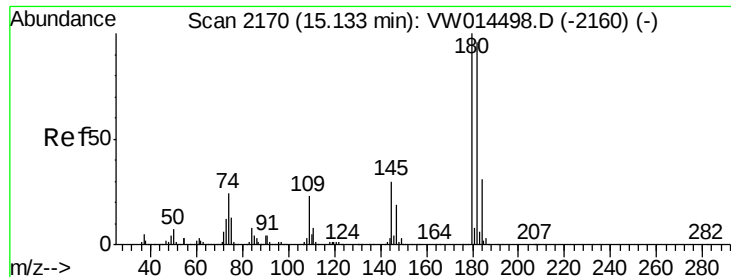
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.4	61.3
148	63.3	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.49 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW014713.D
 Acq: 22 Jan 2020 15:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.1	45.8	137.4
157	109.2	58.1	174.2

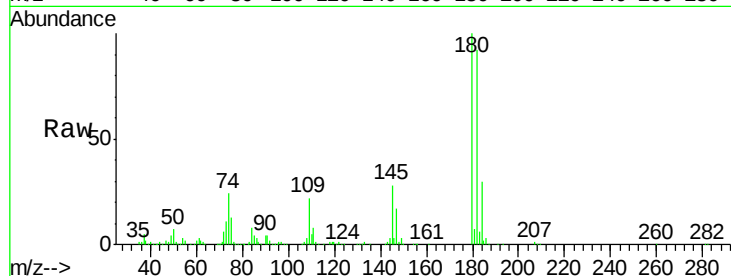




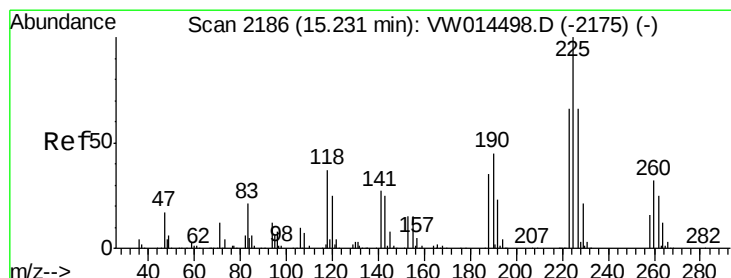
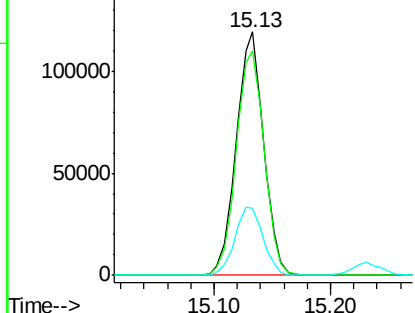
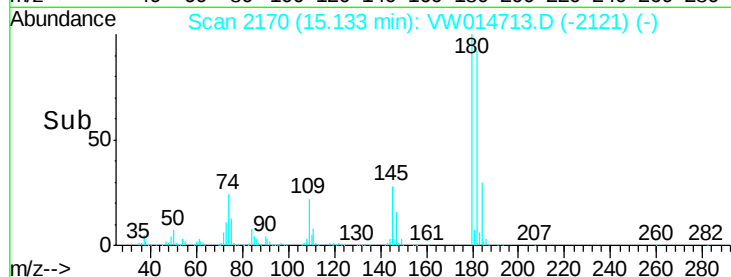
#93
 1,2,4-Trichlorobenzene
 Concen: 21.97 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW014713.D
 Acq: 22 Jan 2020 15:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0122SBSD01

Tgt Ion:180 Resp: 195487
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.3 141.8
 145 29.1 14.7 44.1

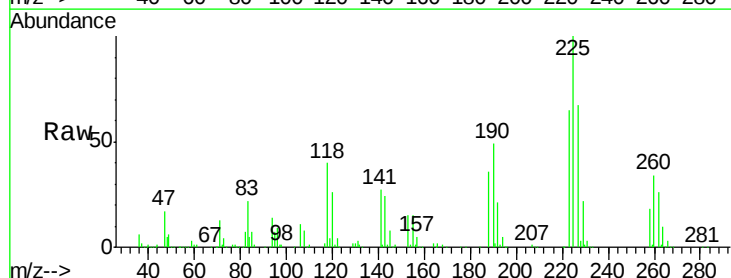


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

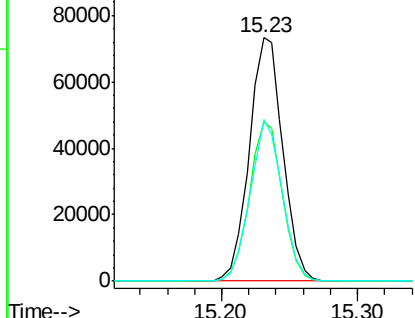
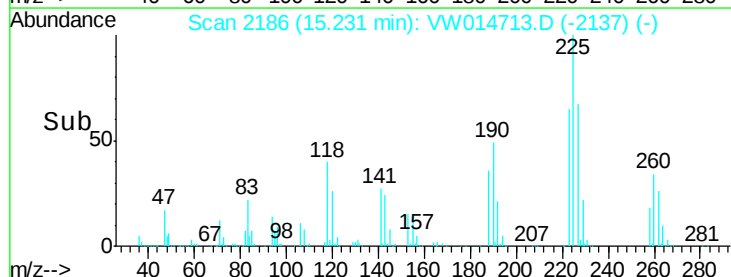


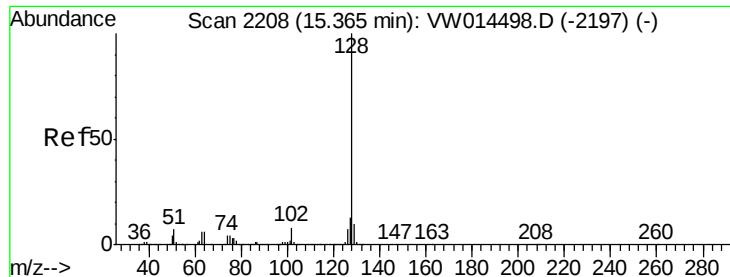
#94
 Hexachlorobutadiene
 Concen: 21.18 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: VW014713.D
 Acq: 22 Jan 2020 15:07

Tgt Ion:225 Resp: 126345
 Ion Ratio Lower Upper
 225 100
 223 64.4 32.4 97.2
 227 63.5 32.6 97.8



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

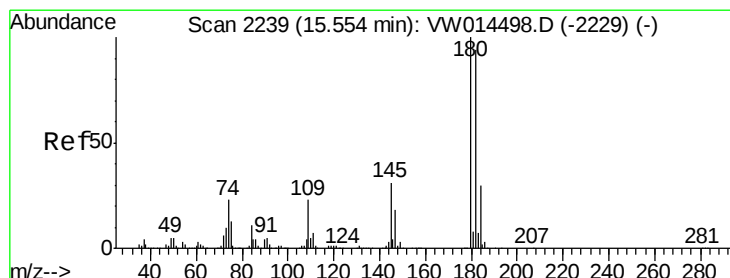
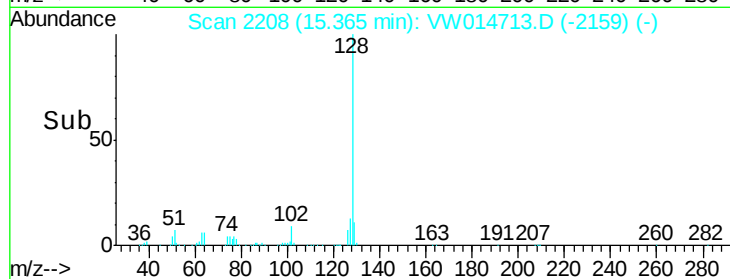
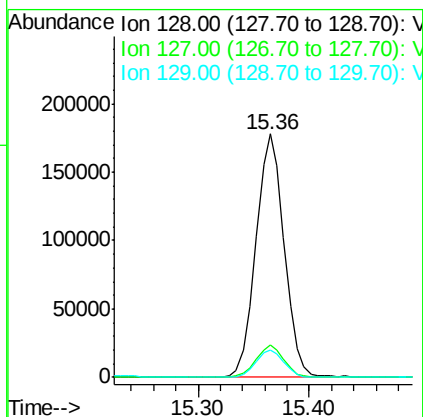
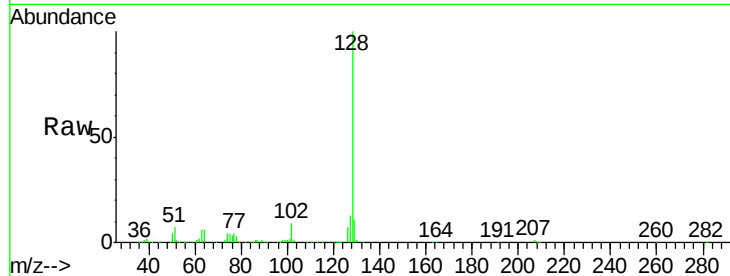




#95
Naphthalene
Concen: 20.69 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW014713.D
Acq: 22 Jan 2020 15:07

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBSD01

Tgt Ion:128 Resp: 313967
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.42 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW014713.D
Acq: 22 Jan 2020 15:07

Tgt Ion:180 Resp: 166126
Ion Ratio Lower Upper
180 100
182 92.5 47.4 142.2
145 30.3 15.5 46.5

