

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010820\
 Data File : VW014551.D
 Acq On : 08 Jan 2020 09:54
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 08 12:05:18 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	738560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1098712	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	939179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	449807	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	311975	48.31	ug/l	0.00
Spiked Amount			Recovery	=	96.62%	
35) Dibromofluoromethane	7.88	113	322889	51.42	ug/l	0.00
Spiked Amount			Recovery	=	102.84%	
50) Toluene-d8	10.32	98	1328577	50.70	ug/l	0.00
Spiked Amount			Recovery	=	101.40%	
62) 4-Bromofluorobenzene	12.62	95	439534	49.45	ug/l	0.00
Spiked Amount			Recovery	=	98.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	169690	40.692	ug/l	99
3) Chloromethane	2.21	50	234470	45.936	ug/l	97
4) Vinyl Chloride	2.36	62	372520	49.620	ug/l	100
5) Bromomethane	2.77	94	236588	51.014	ug/l	100
6) Chloroethane	2.92	64	222958	52.098	ug/l	97
7) Trichlorofluoromethane	3.25	101	193767	51.585	ug/l	100
8) Diethyl Ether	3.68	74	183501	49.099	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	346749	49.406	ug/l	99
10) Methyl Iodide	4.27	142	534185	50.445	ug/l	99
11) Tert butyl alcohol	5.17	59	102985	202.487	ug/l	99
12) 1,1-Dichloroethene	4.04	96	367496	50.001	ug/l	98
13) Acrolein	3.88	56	142238	252.374	ug/l	100
14) Allyl chloride	4.67	41	591678	52.680	ug/l	99
15) Acrylonitrile	5.36	53	402659	235.703	ug/l	99
16) Acetone	4.12	43	461323	253.010	ug/l	98
17) Carbon Disulfide	4.38	76	1090755	49.239	ug/l	97
18) Methyl Acetate	4.67	43	202100	45.894	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	470704	51.593	ug/l	98
20) Methylene Chloride	4.92	84	381898	51.961	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	399385	51.176	ug/l	96
22) Diisopropyl ether	6.31	45	1077592	51.259	ug/l	100
23) Vinyl Acetate	6.24	43	3186056	250.975	ug/l	99
24) 1,1-Dichloroethane	6.21	63	682027	51.432	ug/l	99
25) 2-Butanone	7.16	43	554192	236.841	ug/l	99
26) 2,2-Dichloropropane	7.16	77	370876	50.516	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	421685	51.423	ug/l	99
28) Bromochloromethane	7.51	49	267194	51.394	ug/l	99
29) Tetrahydrofuran	7.52	42	320306	220.960	ug/l	99
30) Chloroform	7.67	83	628141	50.654	ug/l	99
31) Cyclohexane	7.95	56	651888	47.303	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	502854	50.420	ug/l	99
36) 1,1-Dichloropropene	8.08	75	541302	51.104	ug/l	99
37) Ethyl Acetate	7.25	43	222513	46.319	ug/l	99
38) Carbon Tetrachloride	8.07	117	459610	50.016	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	676016	49.733	ug/l	98
40) Benzene	8.32	78	1536350	51.265	ug/l	100
41) Methacrylonitrile	7.48	41	142500	53.215	ug/l	90
42) 1,2-Dichloroethane	8.40	62	383354	49.292	ug/l	100
43) Isopropyl Acetate	8.42	43	409029	46.889	ug/l	98
44) Trichloroethene	9.09	130	411648	50.762	ug/l	97
45) 1,2-Dichloropropane	9.37	63	378331	51.445	ug/l	97
46) Dibromomethane	9.46	93	178934	49.287	ug/l	100
47) Bromodichloromethane	9.64	83	458841	51.192	ug/l	99
48) Methyl methacrylate	9.43	41	204081	47.917	ug/l	99
49) 1,4-Dioxane	9.45	88	55798	821.740	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	1054926	232.875	ug/l	100
52) Toluene	10.38	92	955355	50.672	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	469713	50.614	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	582261	51.336	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	260543	49.139	ug/l	99
56) Ethyl methacrylate	10.64	69	341438	49.550	ug/l	100
57) 1,3-Dichloropropane	10.93	76	458681	49.221	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	568965	271.491	ug/l	100
59) 2-Hexanone	10.96	43	759986	243.462	ug/l	100
60) Dibromochloromethane	11.13	129	299244	50.020	ug/l	99
61) 1,2-Dibromoethane	11.23	107	244632	48.606	ug/l	100
64) Tetrachloroethene	10.86	164	342436	50.363	ug/l	97
65) Chlorobenzene	11.65	112	979018	50.882	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	334398	51.618	ug/l	99
67) Ethyl Benzene	11.73	91	1802926	51.995	ug/l	98
68) m/p-Xylenes	11.83	106	1376639	103.733	ug/l	100
69) o-Xylene	12.16	106	632570	51.602	ug/l	99
70) Styrene	12.18	104	1081034	52.137	ug/l	100
71) Bromoform	12.35	173	172477	48.810	ug/l #	99
73) Isopropylbenzene	12.46	105	1743781	52.834	ug/l	100
74) N-amyl acetate	12.27	43	354172	47.859	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	285193	47.874	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	369495	86.882	ug/l #	100
77) Bromobenzene	12.74	156	400168	52.203	ug/l	98
78) n-propylbenzene	12.80	91	2061353	53.114	ug/l	99
79) 2-Chlorotoluene	12.89	91	1151414	52.134	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1463121	52.798	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	96632	50.625	ug/l	99
82) 4-Chlorotoluene	12.99	91	1195035	52.081	ug/l	100
83) tert-Butylbenzene	13.21	119	1275773	52.582	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	1446557	52.455	ug/l	100
85) sec-Butylbenzene	13.38	105	1763408	52.508	ug/l	100
86) p-Isopropyltoluene	13.50	119	1616570	52.810	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	766847	51.445	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	753139	51.178	ug/l	100
89) n-Butylbenzene	13.82	91	1517468	53.382	ug/l	100
90) Hexachloroethane	14.09	117	280126	52.384	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	670095	51.146	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	42478	45.028	ug/l	96

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Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
Response via : Initial Calibration

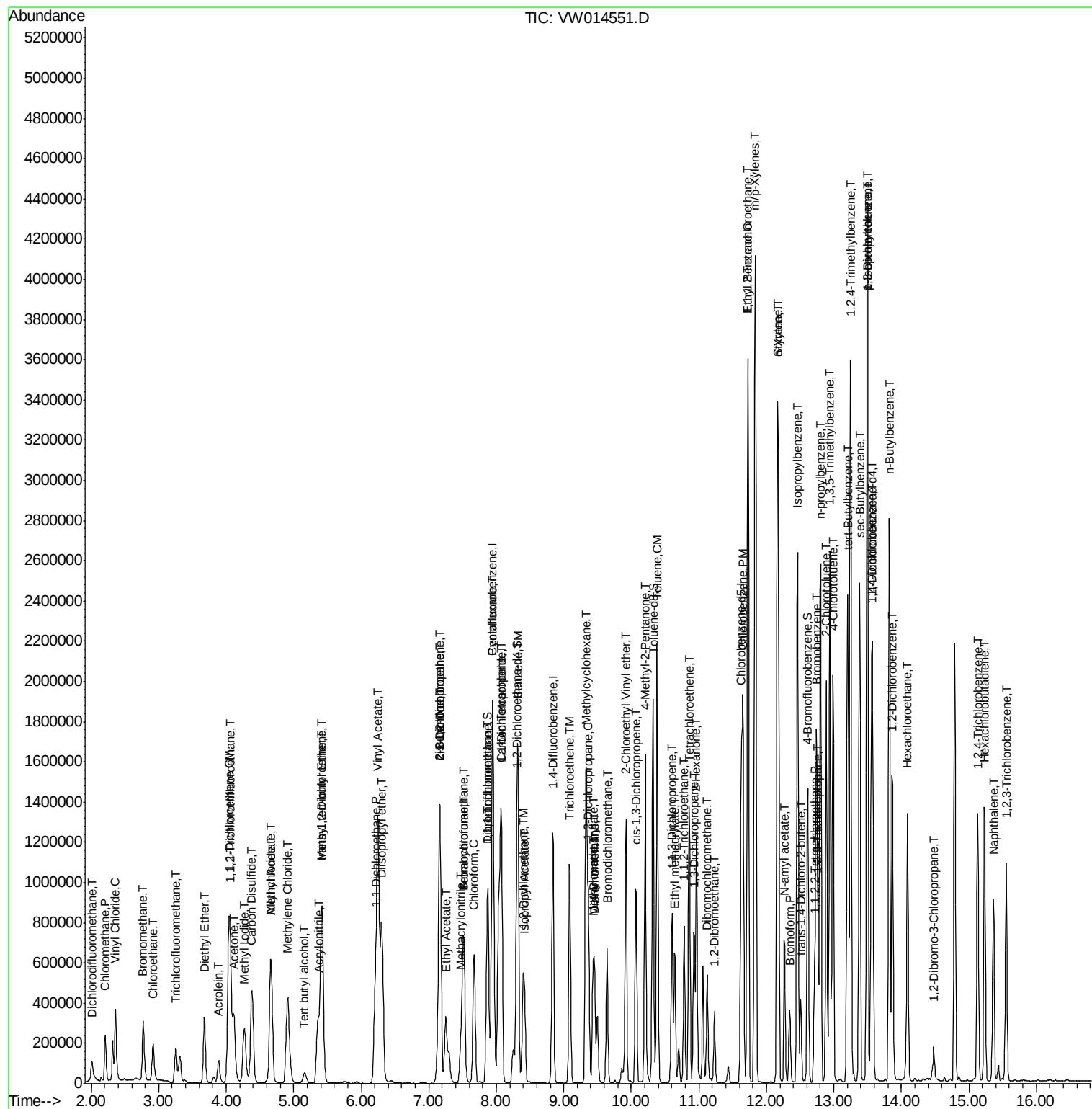
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	464009	52.446	ug/l	98
94) Hexachlorobutadiene	15.24	225	302100	50.953	ug/l	97
95) Naphthalene	15.36	128	781665	51.804	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	398509	51.675	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010820\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

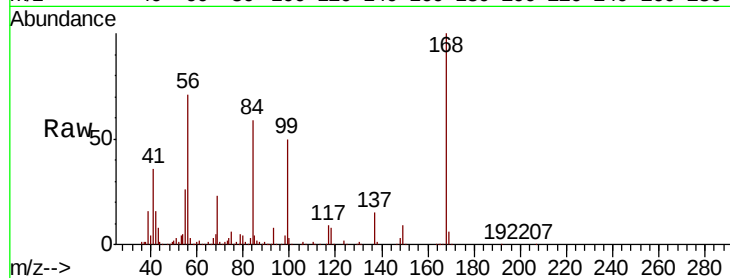
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 738560

Ion Ratio Lower Upper

168 100

99 49.6 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

400000

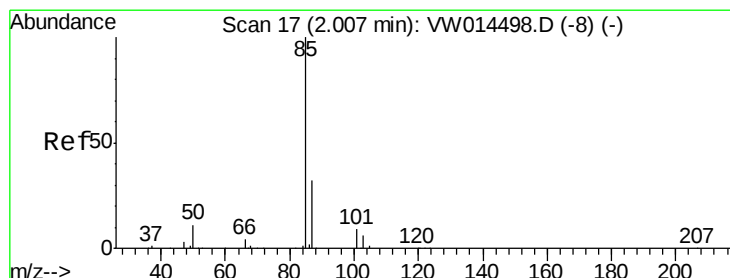
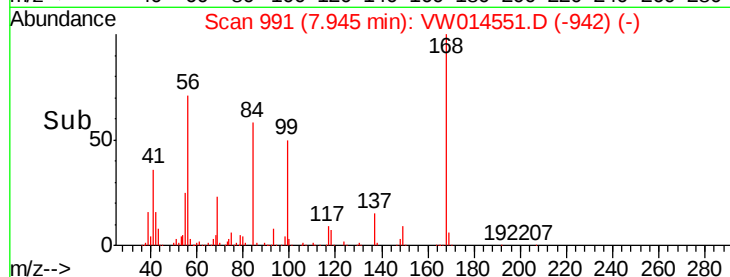
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 40.692 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW014551.D

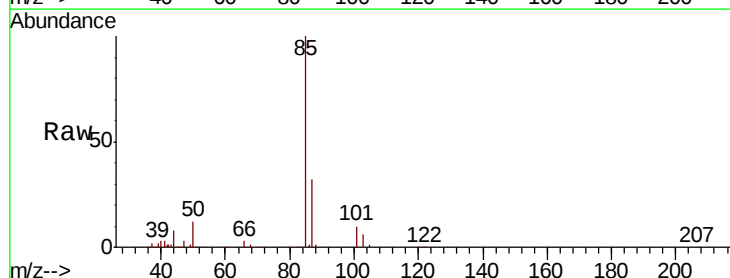
Acq: 08 Jan 2020 09:54

Tgt Ion: 85 Resp: 169690

Ion Ratio Lower Upper

85 100

87 32.0 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

60000

50000

40000

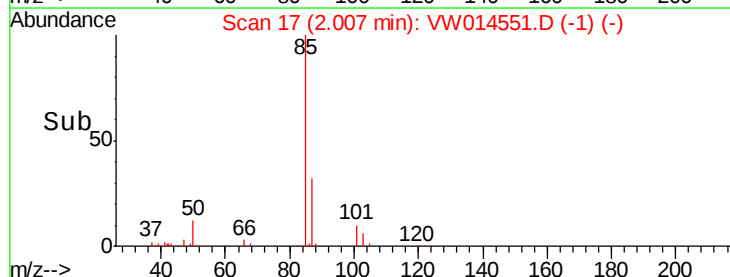
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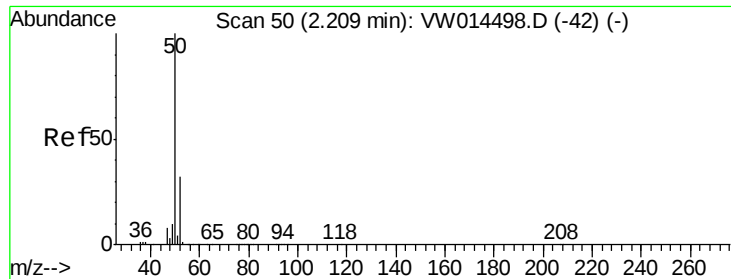
20000

10000

0

Time-->





#3

Chloromethane

Concen: 45.936 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

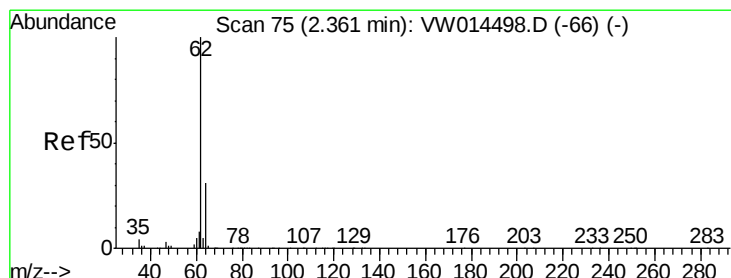
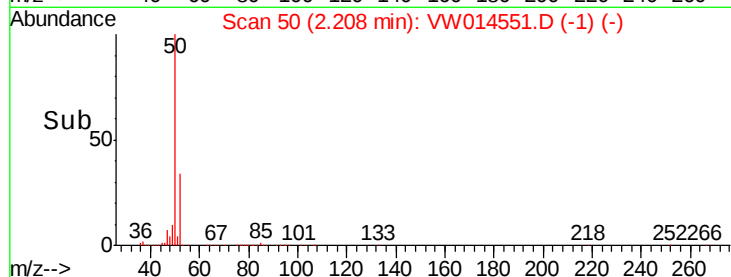
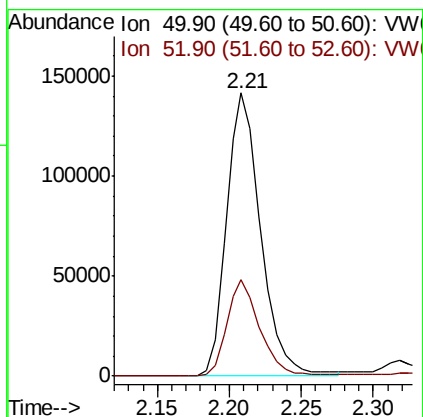
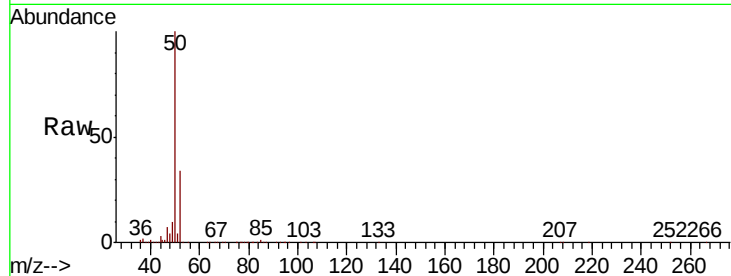
ClientSampleId :

Tot Ion: 50 Resp: 234470

Ion Ratio Lower Upper

50 100

52 34.0 25.8 38.8



#4

Vinyl Chloride

Concen: 49.620 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW014551.D

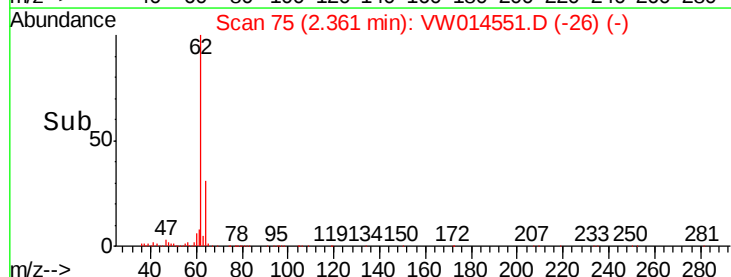
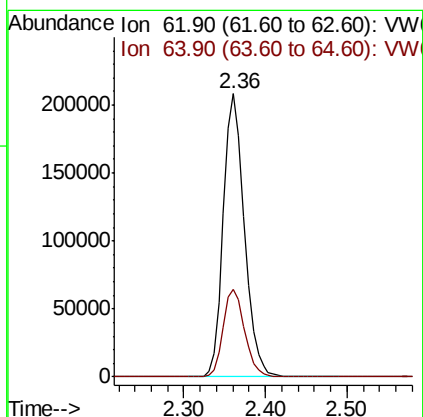
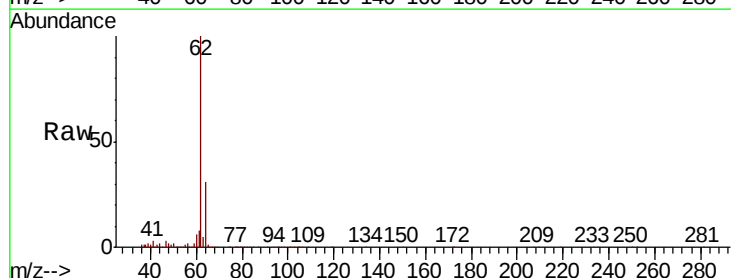
Acq: 08 Jan 2020 09:54

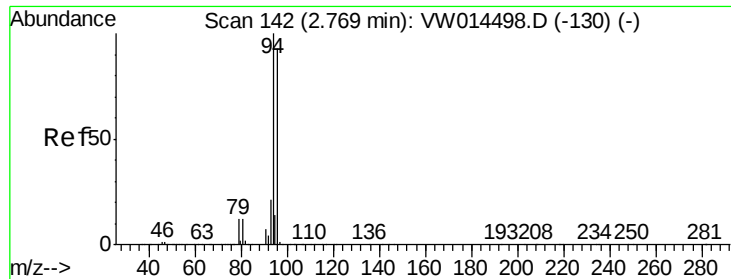
Tgt Ion: 62 Resp: 372520

Ion Ratio Lower Upper

62 100

64 31.0 25.0 37.4





#5

Bromomethane

Concen: 51.014 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

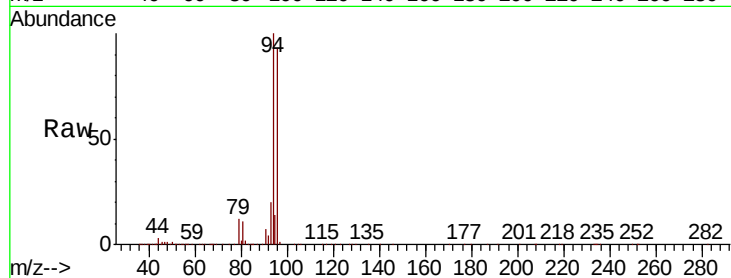
ClientSampled :

Tot Ion: 94 Resp: 236588

Ion Ratio Lower Upper

94 100

96 92.5 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.77

120000

100000

80000

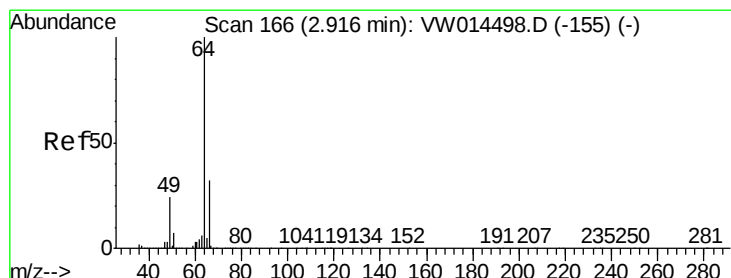
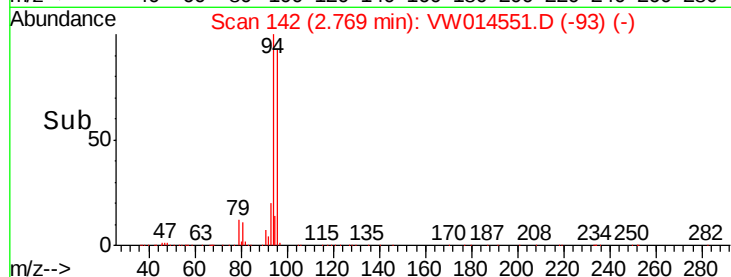
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 52.098 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW014551.D

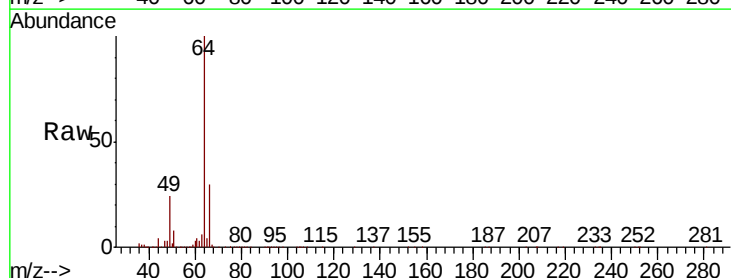
Acq: 08 Jan 2020 09:54

Tgt Ion: 64 Resp: 222958

Ion Ratio Lower Upper

64 100

66 30.3 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.92

100000

80000

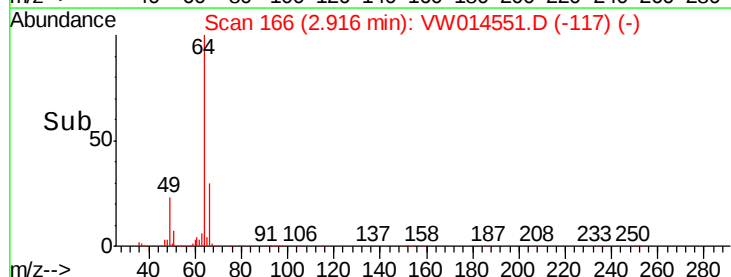
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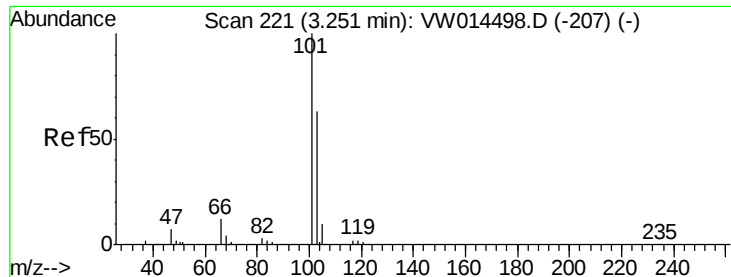
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20000

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Time-->



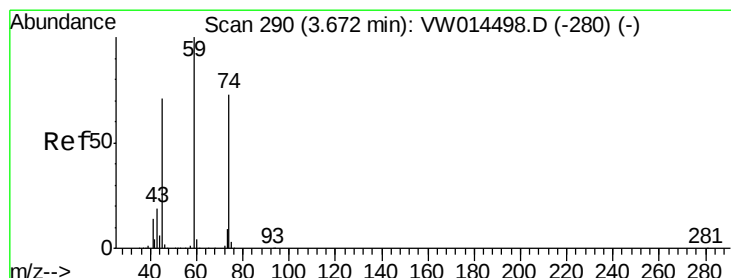
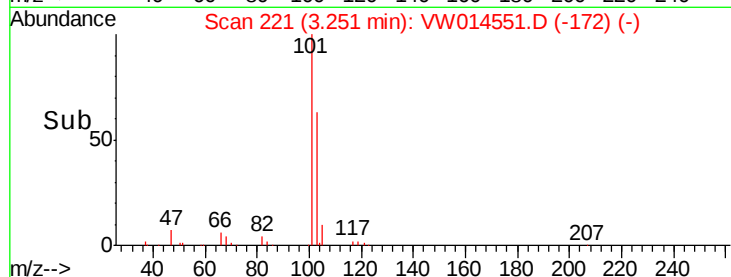
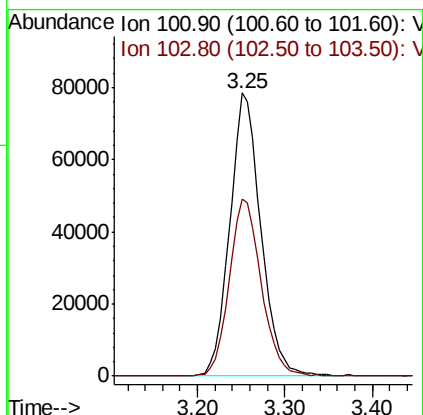
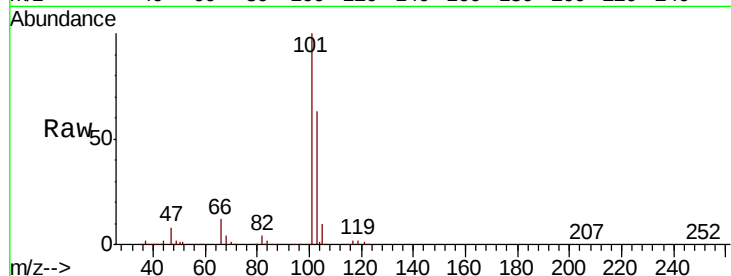


#7

Trichlorofluoromethane
 Concen: 51.585 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW014551.D
 Acq: 08 Jan 2020 09:54

Instrument :
 MSVOA_W
 ClientSampleId :

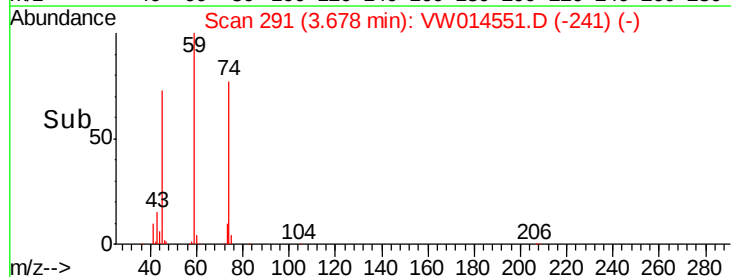
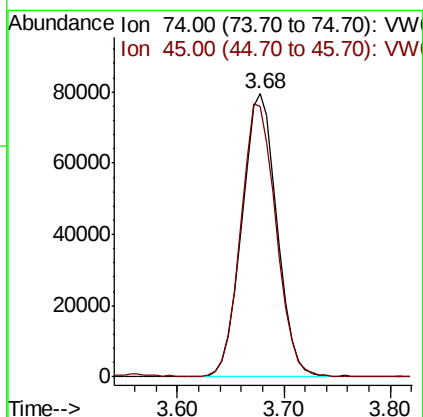
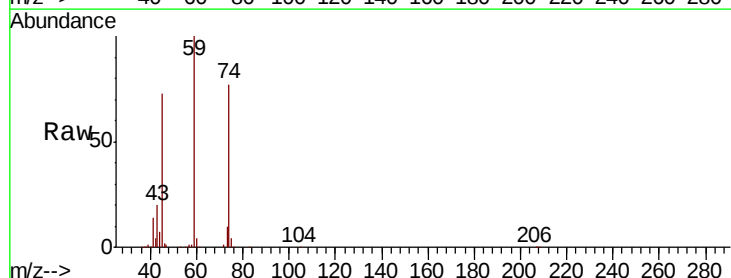
Tot Ion:101 Resp: 193767
 Ion Ratio Lower Upper
 101 100
 103 62.7 50.1 75.1



#8

Diethyl Ether
 Concen: 49.099 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.01 min
 Lab File: VW014551.D
 Acq: 08 Jan 2020 09:54

Tgt Ion: 74 Resp: 183501
 Ion Ratio Lower Upper
 74 100
 45 97.4 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.406 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

ClientSampleId :

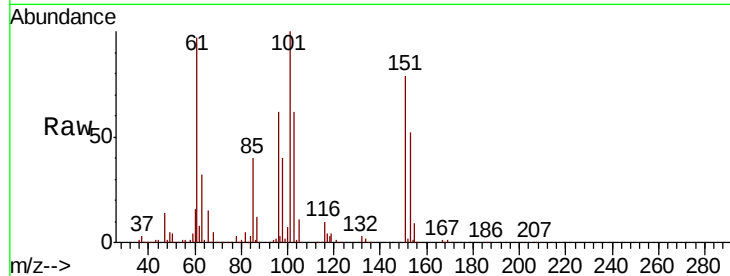
Tot Ion:101 Resp: 346749

Ion Ratio Lower Upper

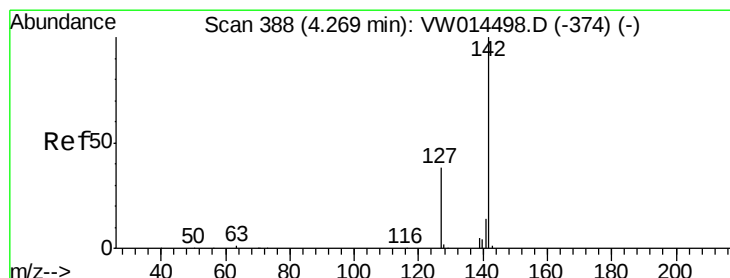
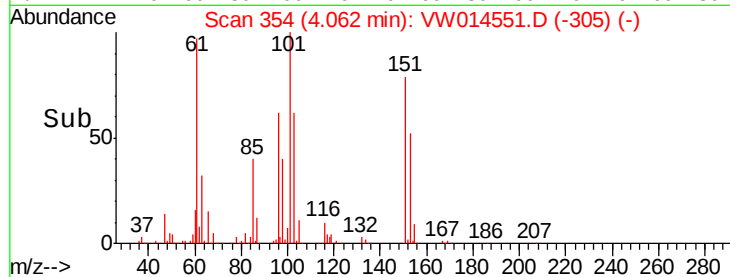
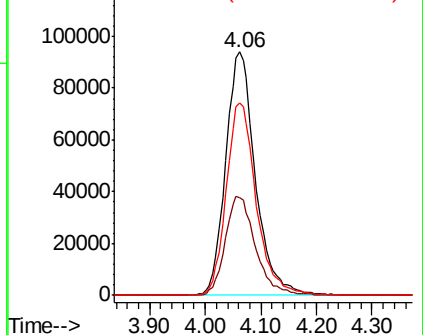
101 100

85 41.3 33.7 50.5

151 79.8 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: 50.445 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

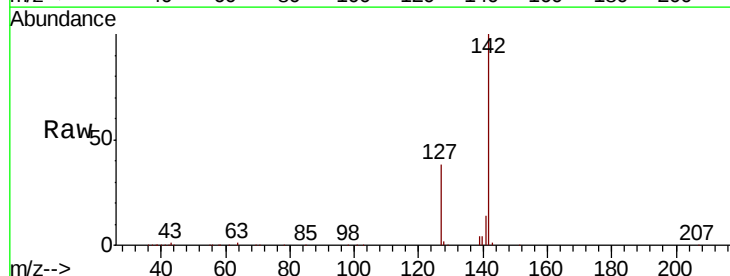
Tgt Ion:142 Resp: 534185

Ion Ratio Lower Upper

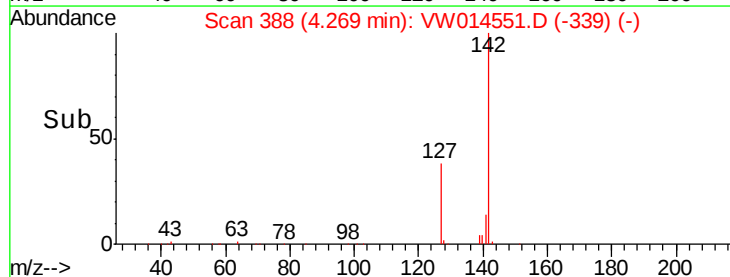
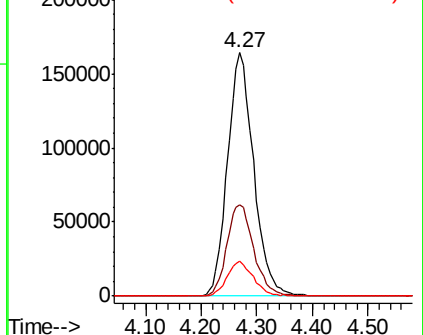
142 100

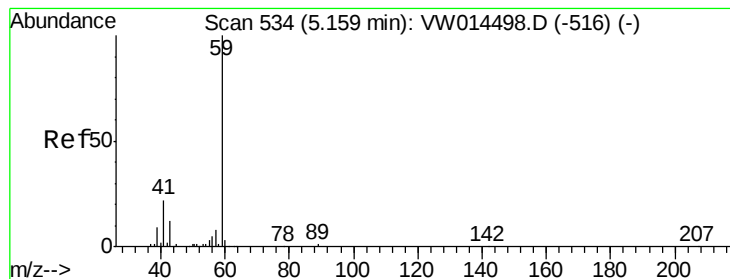
127 38.6 30.2 45.4

141 14.5 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



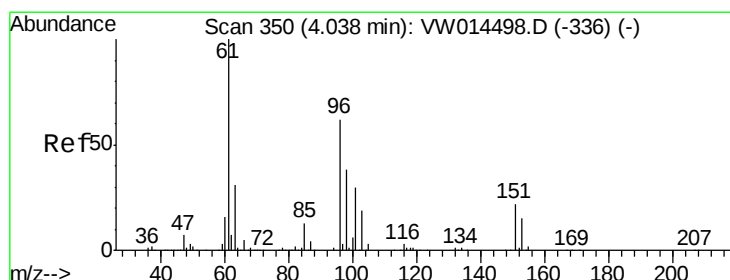
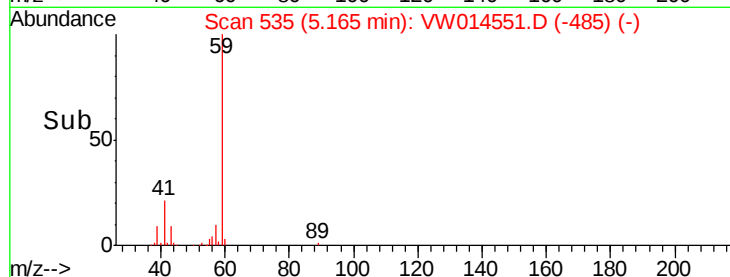
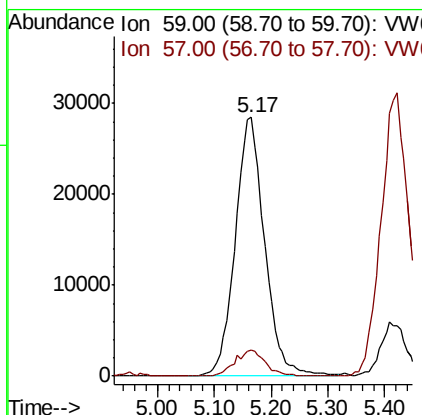
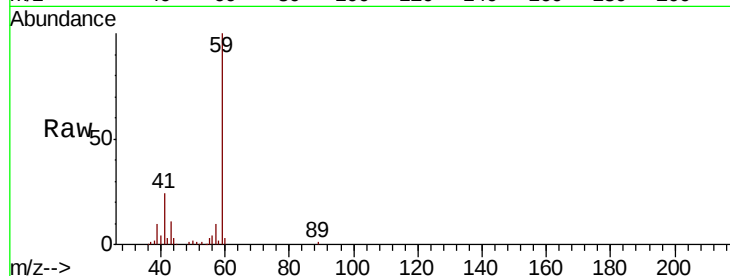


#11

Tert butyl alcohol
Concen: 202.487 ug/l
RT: 5.17 min Scan# 535
Delta R.T. 0.01 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

Instrument :
MSVOA_W
ClientSampleId :

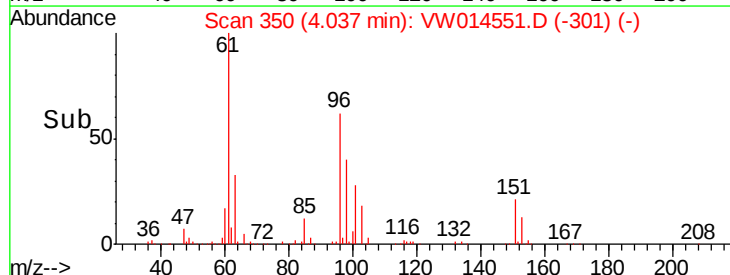
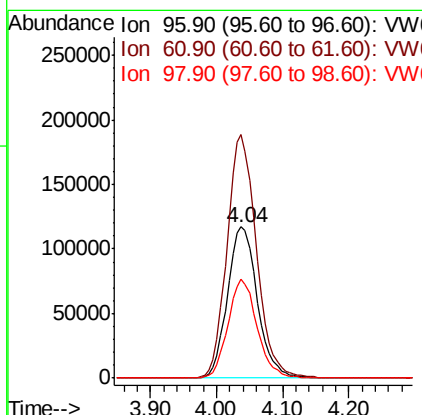
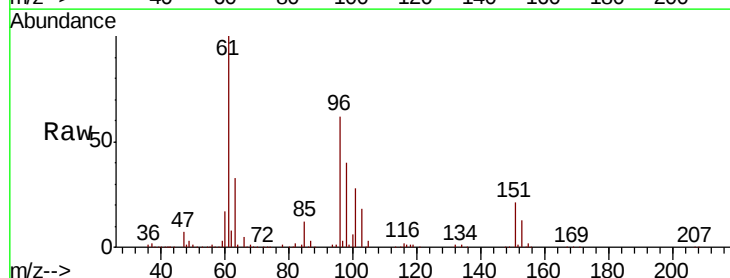
Tot Ion: 59 Resp: 102985
Ion Ratio Lower Upper
59 100
57 10.3 7.8 11.8

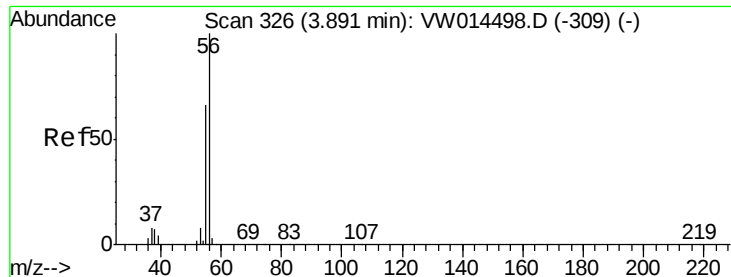


#12

1,1-Dichloroethene
Concen: 50.001 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

Tgt Ion: 96 Resp: 367496
Ion Ratio Lower Upper
96 100
61 161.2 128.4 192.6
98 65.3 49.1 73.7





#13

Acrolein

Concen: 252.374 ug/l

RT: 3.88 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

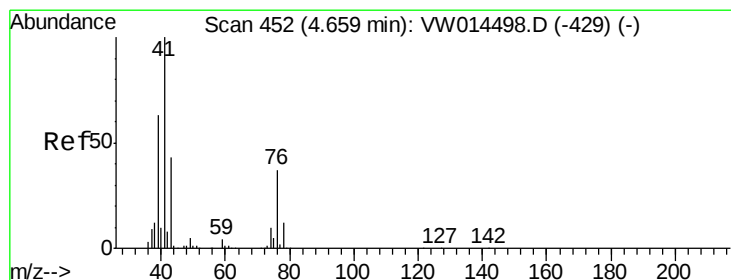
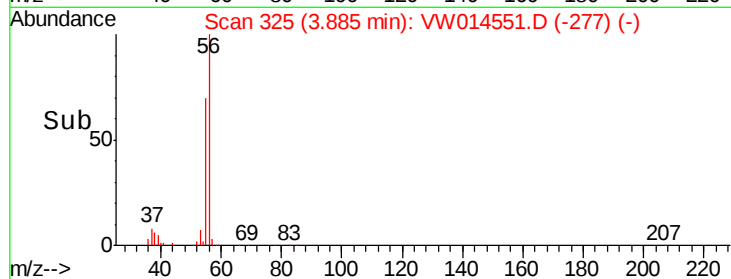
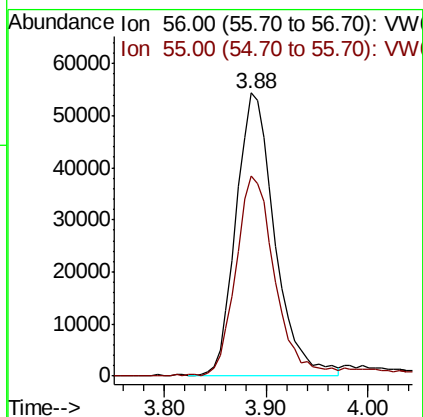
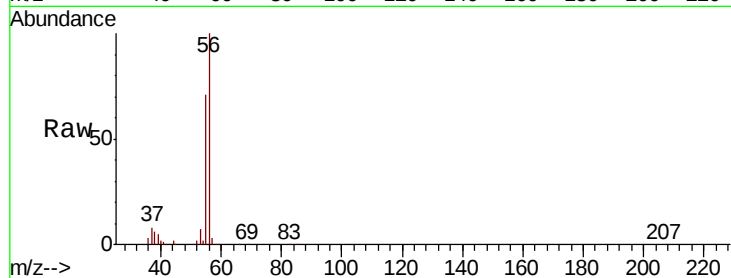
ClientSampleId :

Tot Ion: 56 Resp: 142238

Ion Ratio Lower Upper

56 100

55 71.1 56.7 85.1



#14

Allyl chloride

Concen: 52.680 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

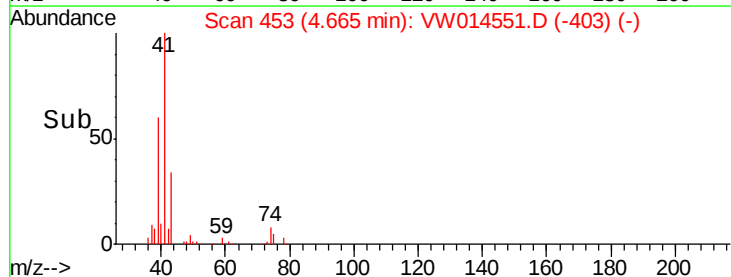
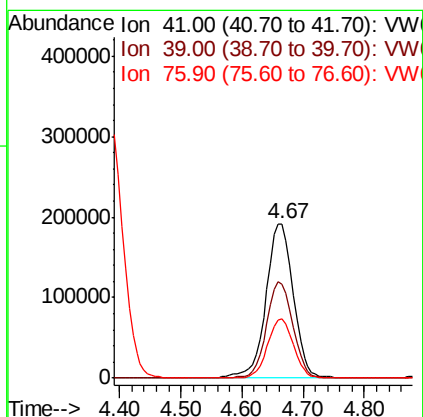
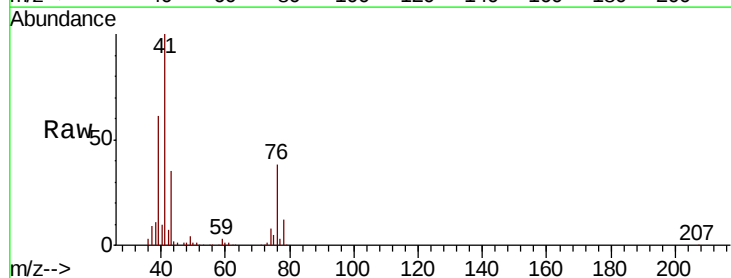
Tgt Ion: 41 Resp: 591678

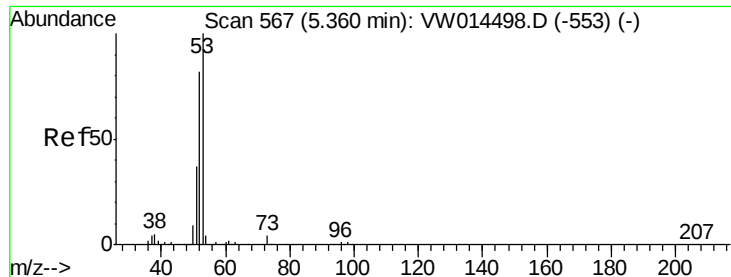
Ion Ratio Lower Upper

41 100

39 60.5 48.5 72.7

76 36.2 28.1 42.1





#15

Acrylonitrile

Concen: 235.703 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

ClientSampleId :

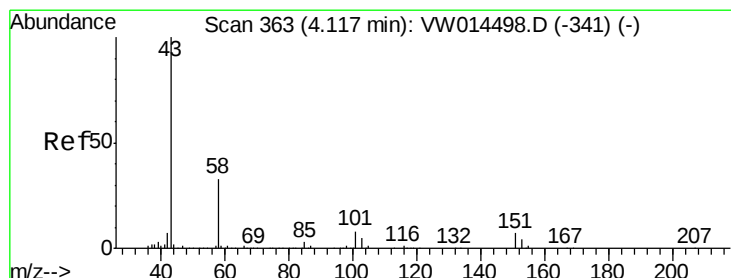
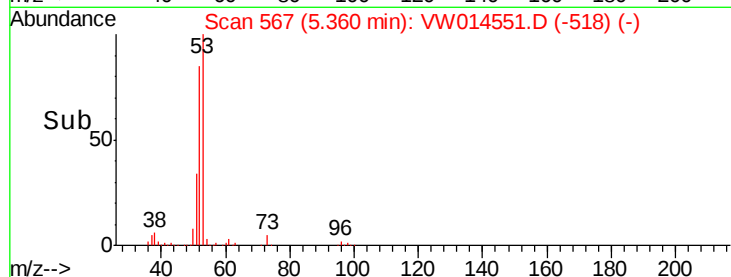
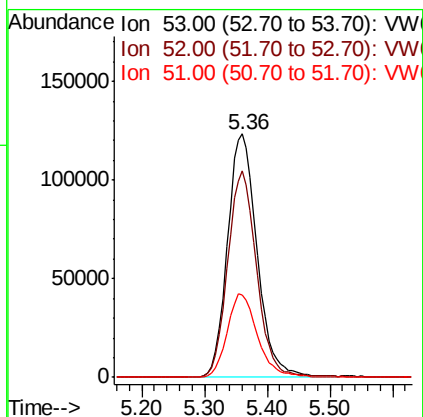
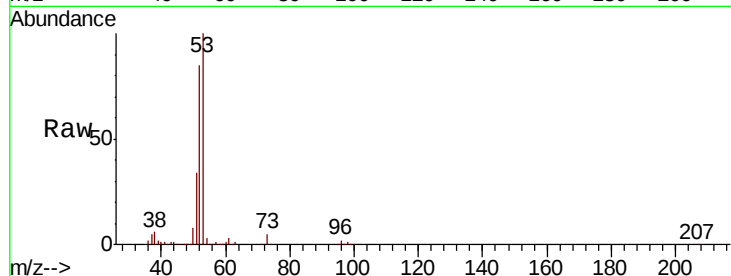
Tot Ion: 53 Resp: 402659

Ion Ratio Lower Upper

53 100

52 82.6 66.5 99.7

51 35.1 28.4 42.6



#16

Acetone

Concen: 253.010 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW014551.D

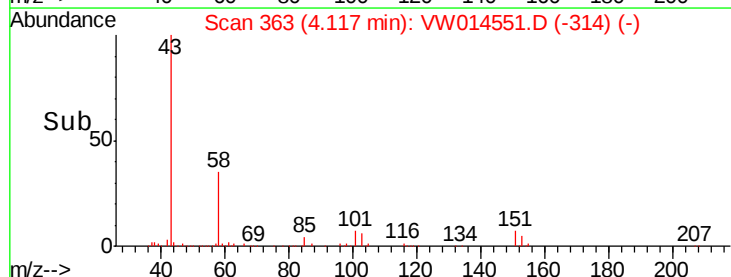
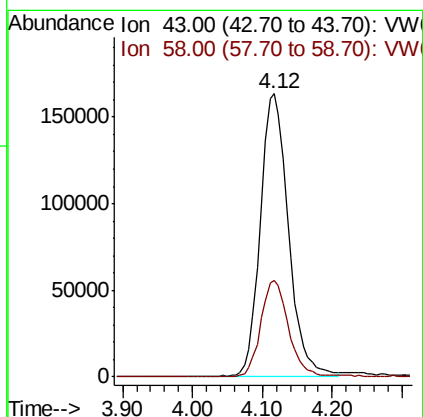
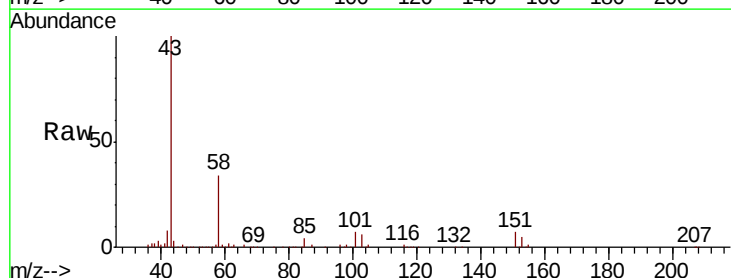
Acq: 08 Jan 2020 09:54

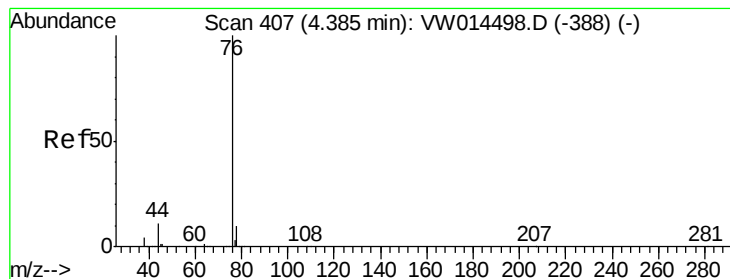
Tgt Ion: 43 Resp: 461323

Ion Ratio Lower Upper

43 100

58 34.2 26.6 39.8





#17

Carbon Disulfide

Concen: 49.239 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

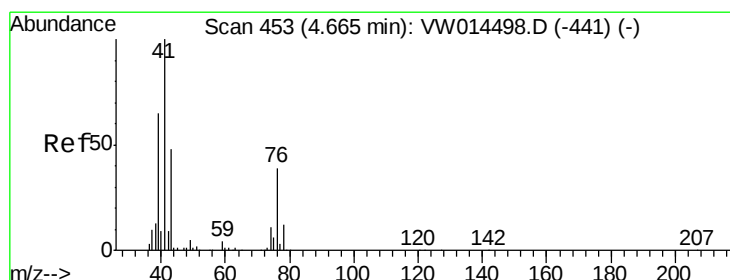
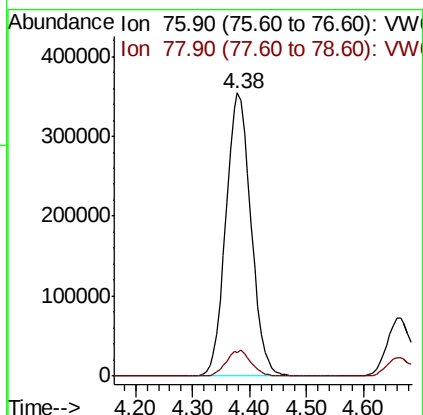
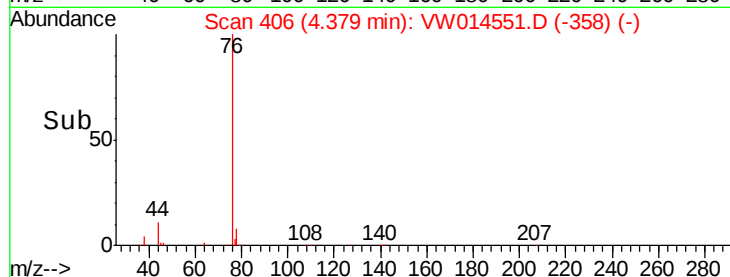
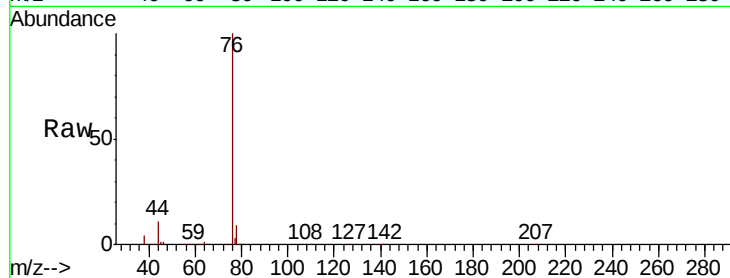
ClientSampled :

Tot Ion: 76 Resp: 1090755

Ion Ratio Lower Upper

76 100

78 8.5 7.8 11.6



#18

Methyl Acetate

Concen: 45.894 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW014551.D

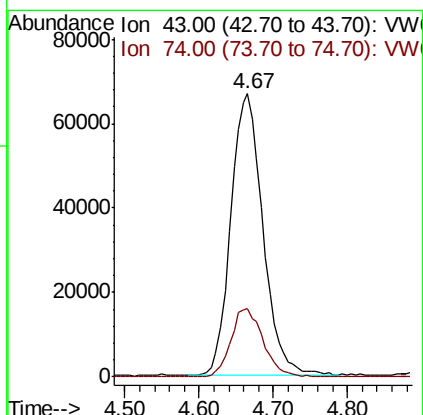
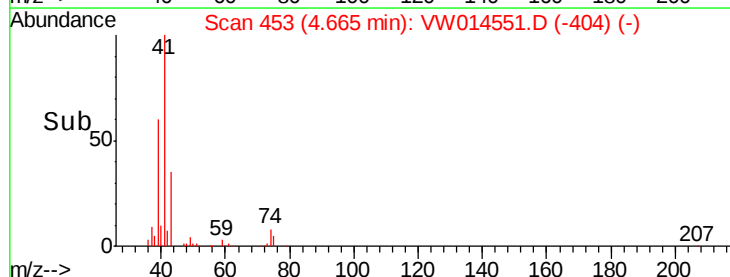
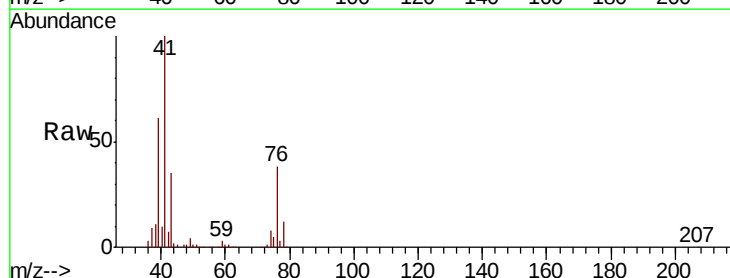
Acq: 08 Jan 2020 09:54

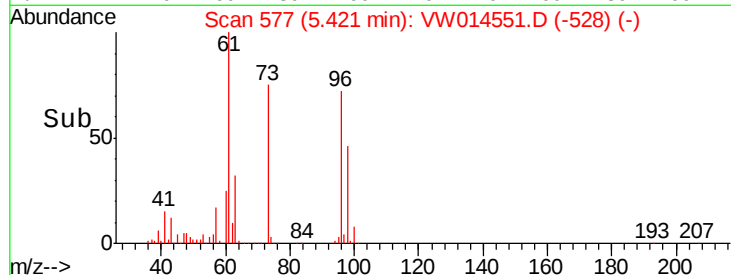
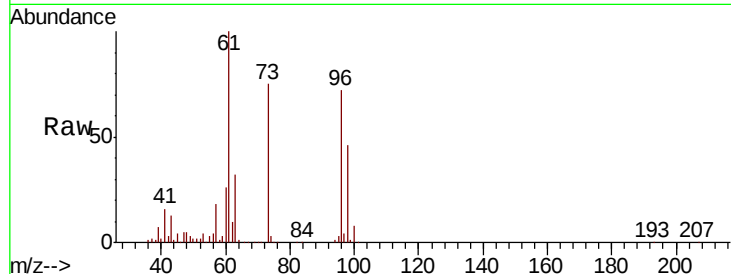
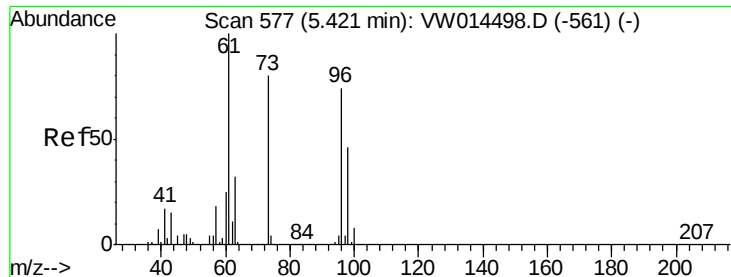
Tgt Ion: 43 Resp: 202100

Ion Ratio Lower Upper

43 100

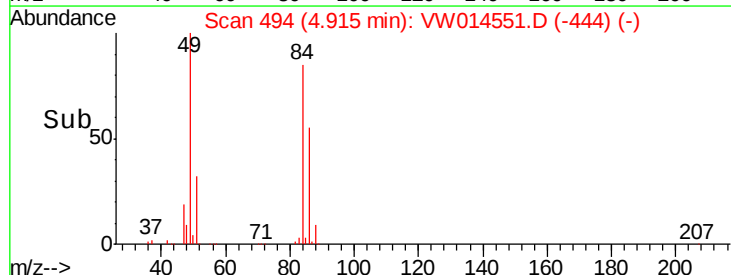
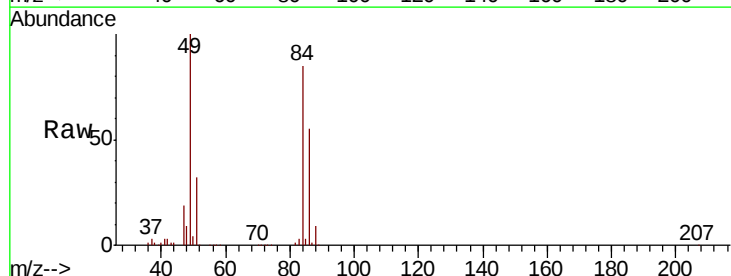
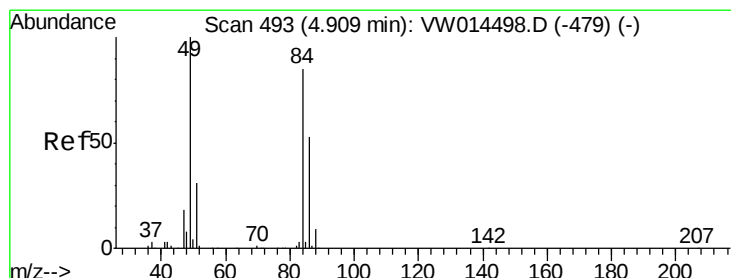
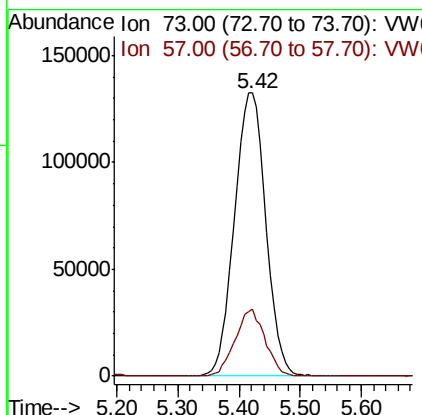
74 24.2 19.3 28.9





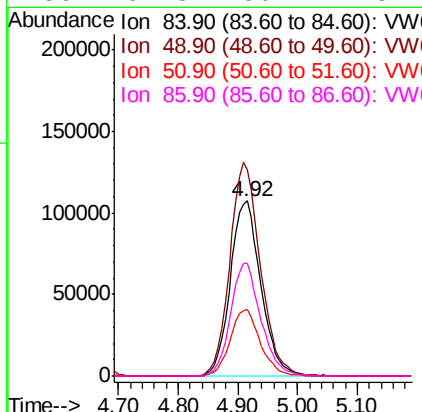
#19
Methyl tert-butyl Ether
Concen: 51.593 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

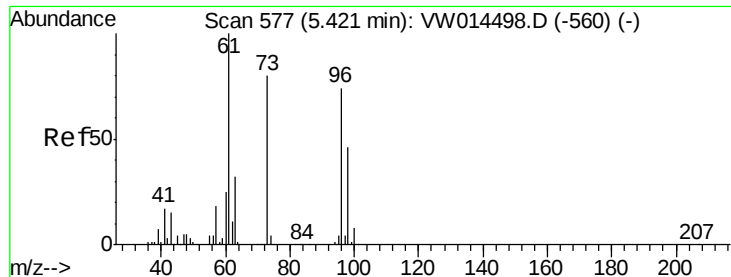
Tot Ion: 73 Resp: 470704
Ion Ratio Lower Upper
73 100
57 23.5 18.1 27.1



#20
Methylene Chloride
Concen: 51.961 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

Tgt Ion: 84 Resp: 381898
Ion Ratio Lower Upper
84 100
49 118.1 94.4 141.6
51 38.2 29.5 44.3
86 64.8 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 51.176 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

ClientSampled :

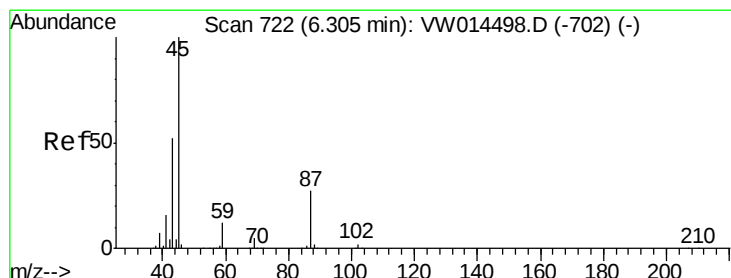
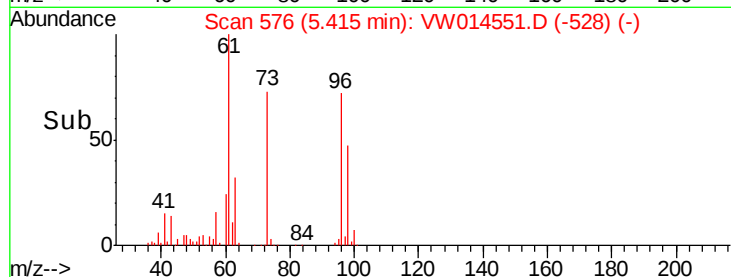
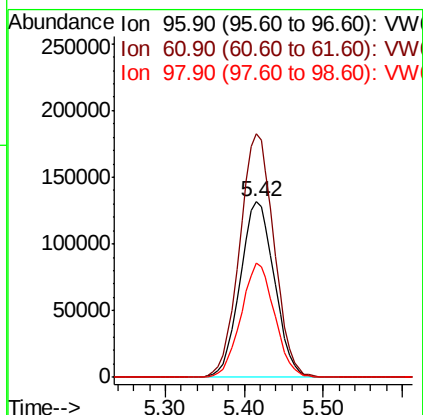
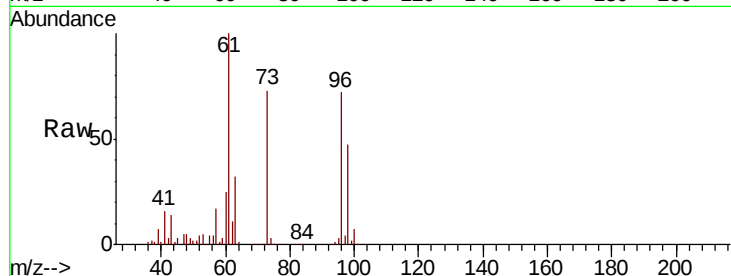
Tot Ion: 96 Resp: 399385

Ion Ratio Lower Upper

96 100

61 138.7 107.8 161.6

98 65.3 49.4 74.0



#22

Diisopropyl ether

Concen: 51.259 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Tgt Ion: 45 Resp: 1077592

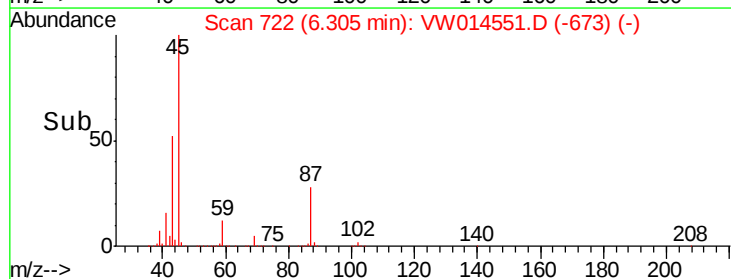
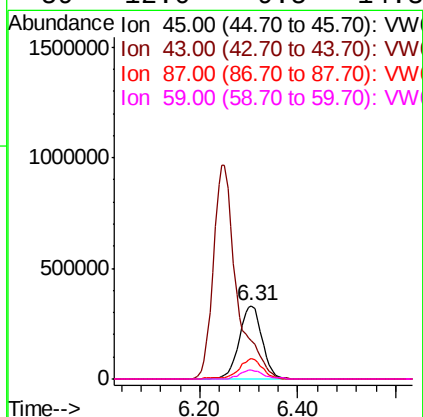
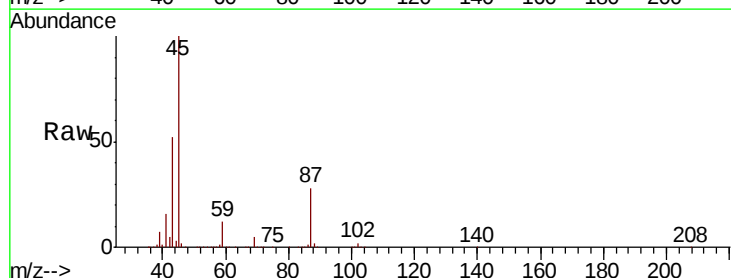
Ion Ratio Lower Upper

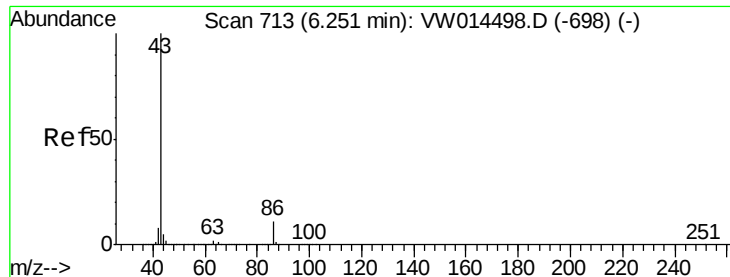
45 100

43 51.6 41.4 62.0

87 28.3 22.2 33.2

59 12.0 9.5 14.3

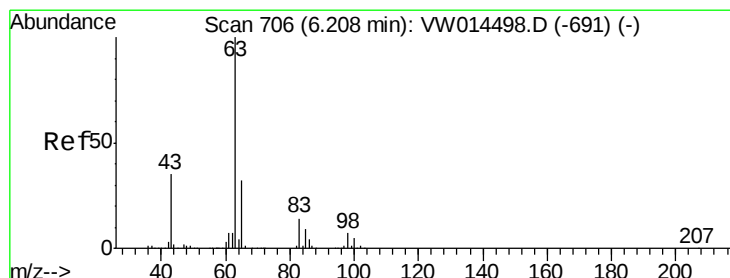
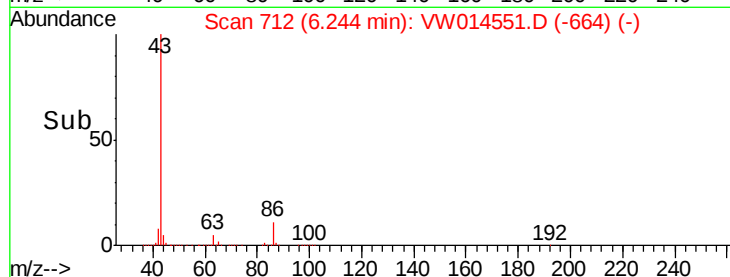
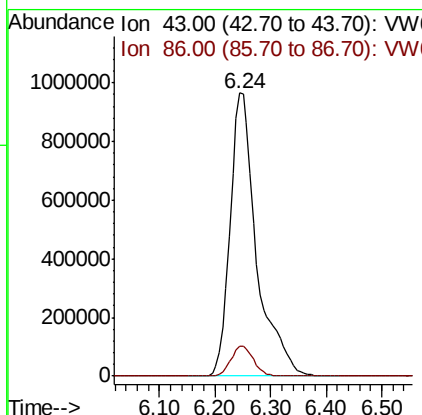
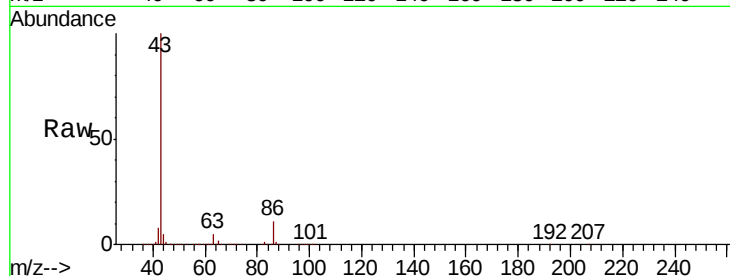




#23
 Vinyl Acetate
 Concen: 250.975 ug/l
 RT: 6.24 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VW014551.D
 Acq: 08 Jan 2020 09:54

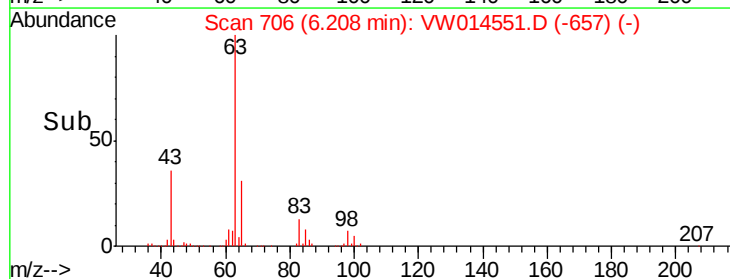
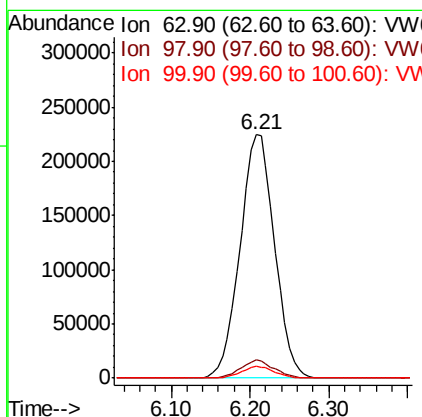
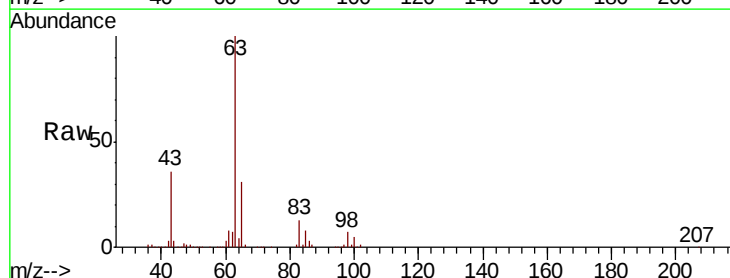
Instrument :
 MSVOA_W
 ClientSampled :

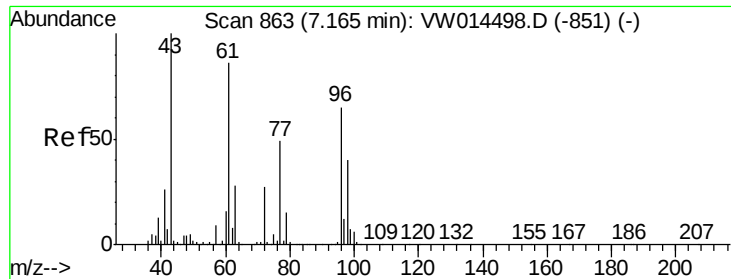
Tot Ion: 43 Resp: 3186056
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 51.432 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: VW014551.D
 Acq: 08 Jan 2020 09:54

Tgt Ion: 63 Resp: 682027
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.4
 100 4.7 2.5 7.4





#25

2-Butanone

Concen: 236.841 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

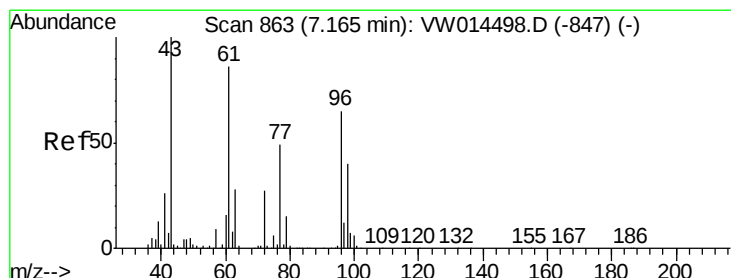
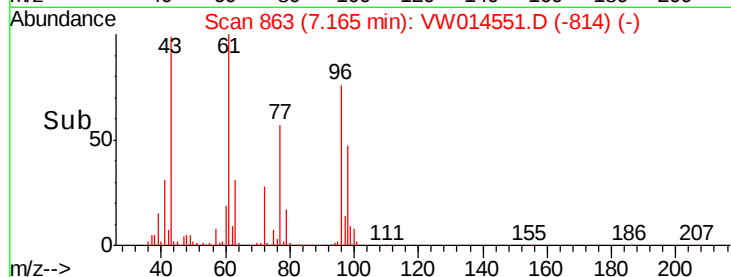
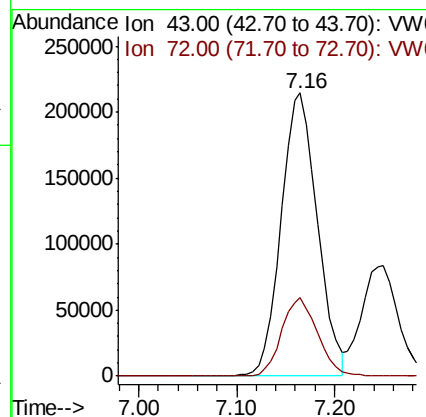
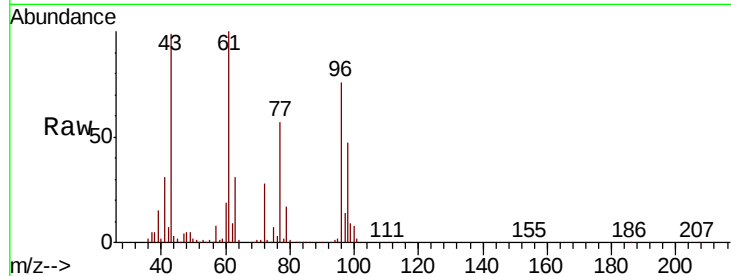
ClientSampleId :

Tot Ion: 43 Resp: 554192

Ion Ratio Lower Upper

43 100

72 28.0 21.9 32.9



#26

2,2-Dichloropropane

Concen: 50.516 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW014551.D

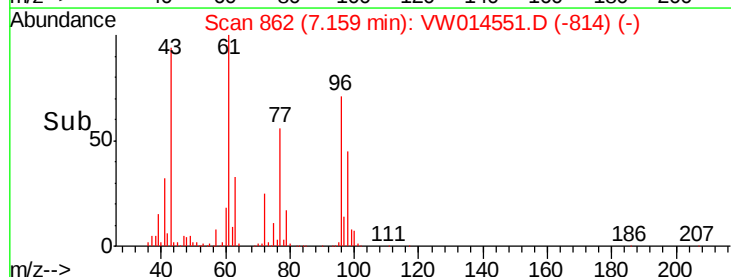
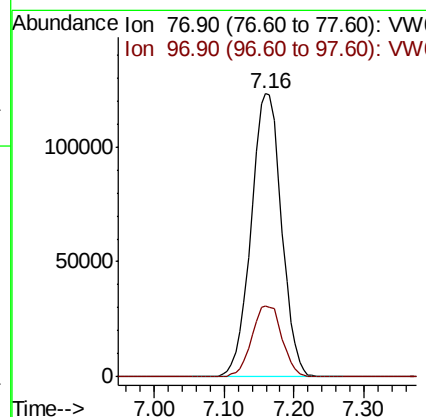
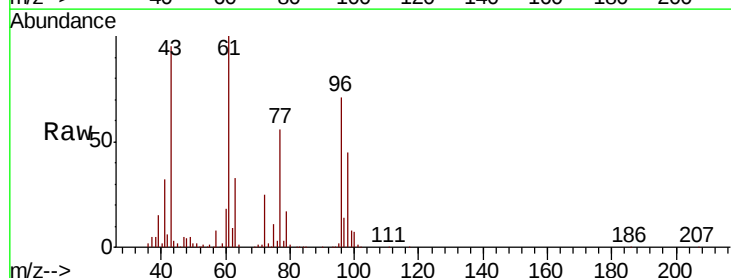
Acq: 08 Jan 2020 09:54

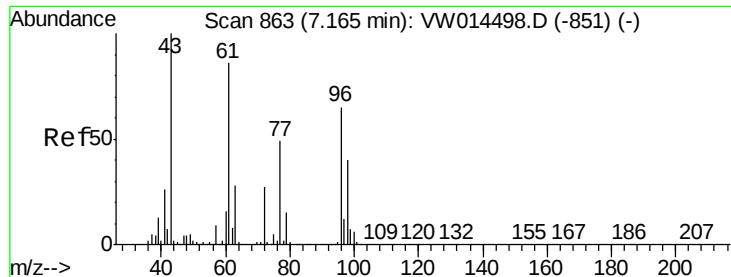
Tgt Ion: 77 Resp: 370876

Ion Ratio Lower Upper

77 100

97 25.0 12.5 37.5



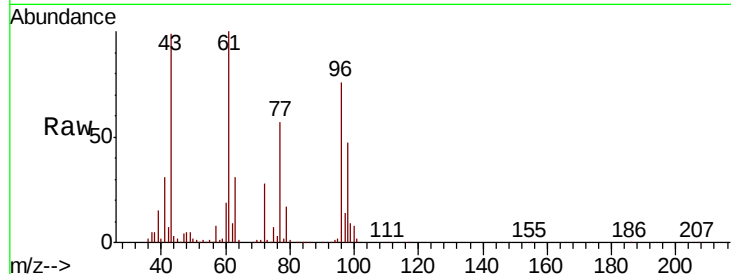


#27

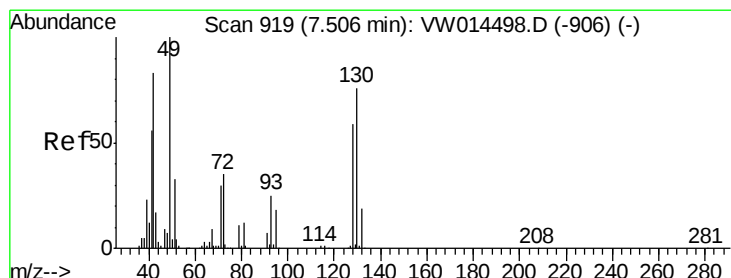
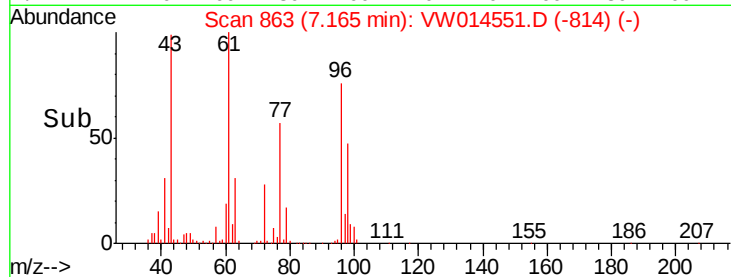
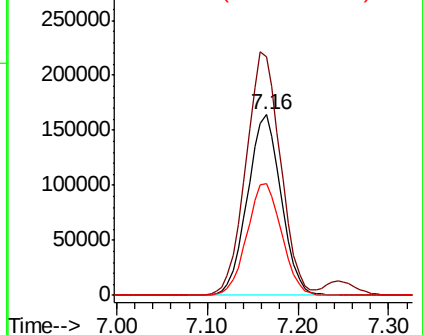
cis-1,2-Dichloroethene
Concen: 51.423 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.4	0.0	274.8
98	63.8	0.0	128.6



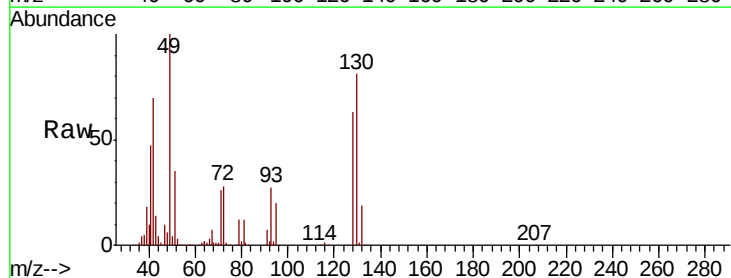
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



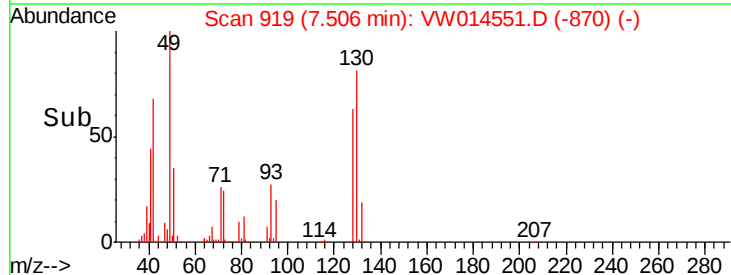
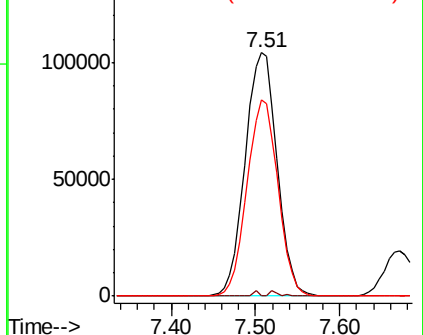
#28

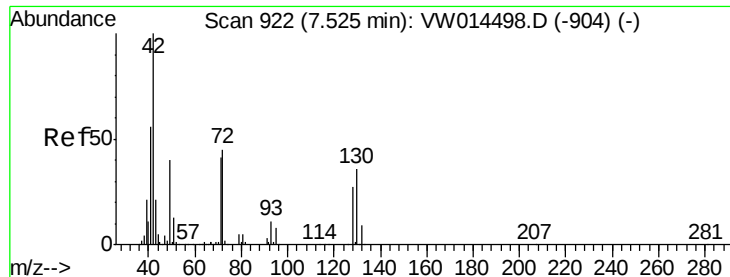
Bromochloromethane
Concen: 51.394 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.3	0.0	2.0
130	78.6	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: 220.960 ug/l

RT: 7.52 min Scan# 921

Delta R.T. -0.01 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

ClientSampleId :

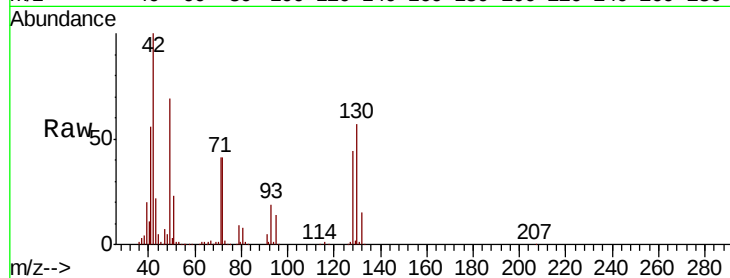
Tot Ion: 42 Resp: 320306

Ion Ratio Lower Upper

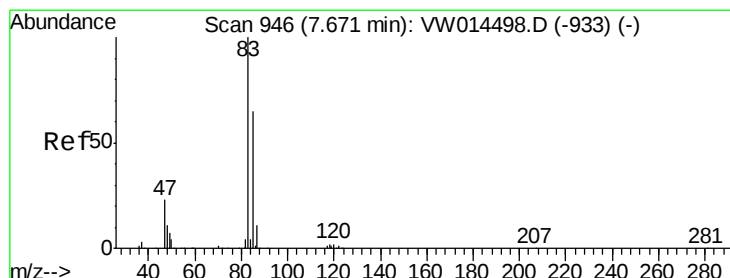
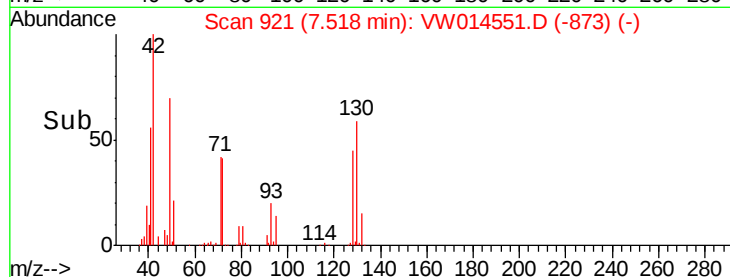
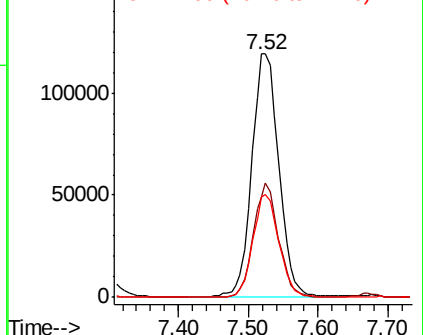
42 100

72 43.4 34.5 51.7

71 40.7 32.0 48.0



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 50.654 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.00 min

Lab File: VW014551.D

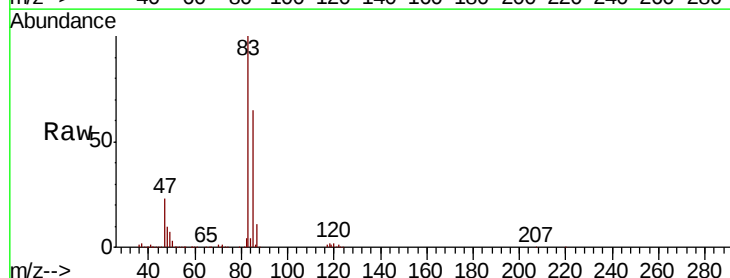
Acq: 08 Jan 2020 09:54

Tgt Ion: 83 Resp: 628141

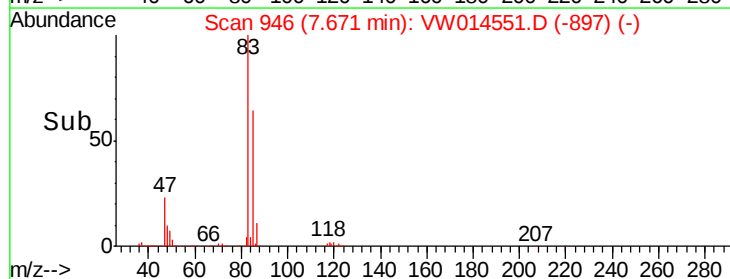
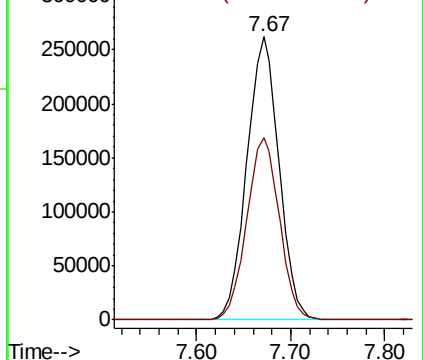
Ion Ratio Lower Upper

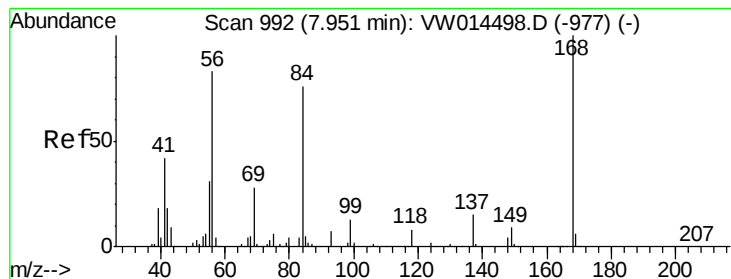
83 100

85 64.6 52.2 78.2



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 47.303 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

ClientSampled :

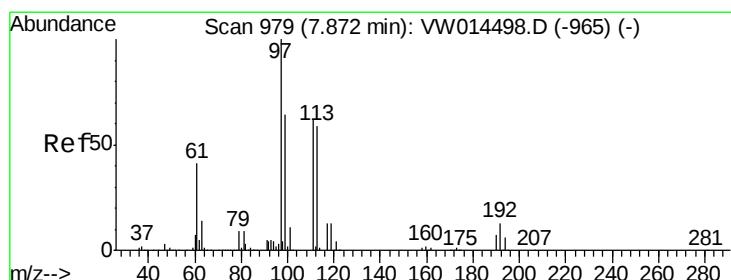
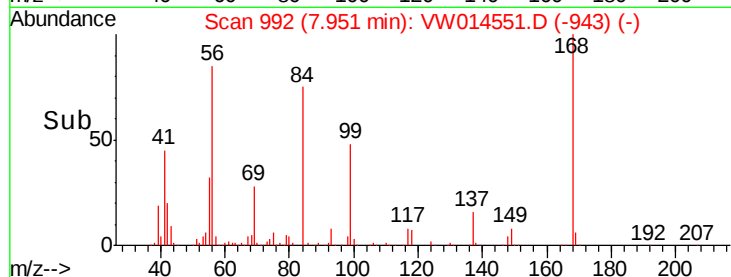
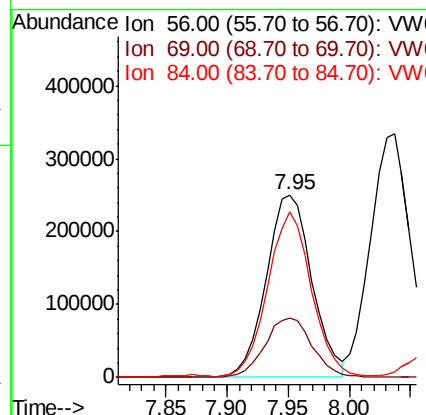
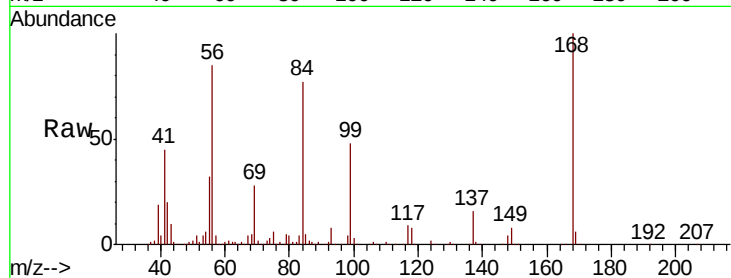
Tot Ion: 56 Resp: 651888

Ion Ratio Lower Upper

56 100

69 32.8 26.8 40.2

84 89.2 71.8 107.6



#32

1,1,1-Trichloroethane

Concen: 50.420 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

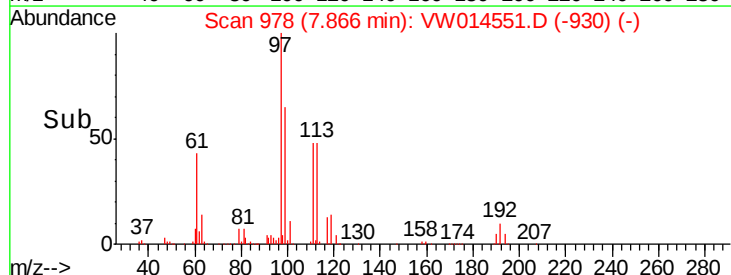
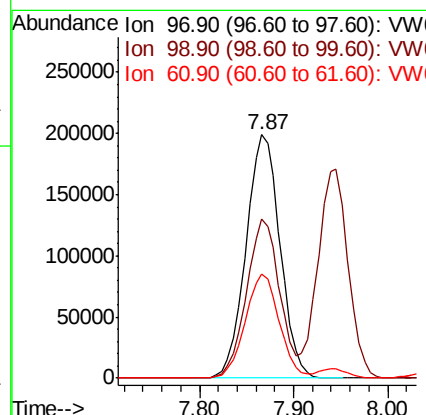
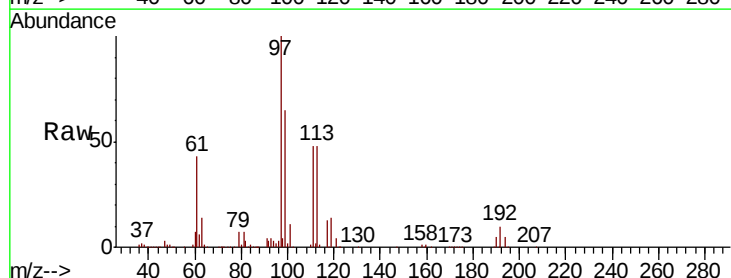
Tgt Ion: 97 Resp: 502854

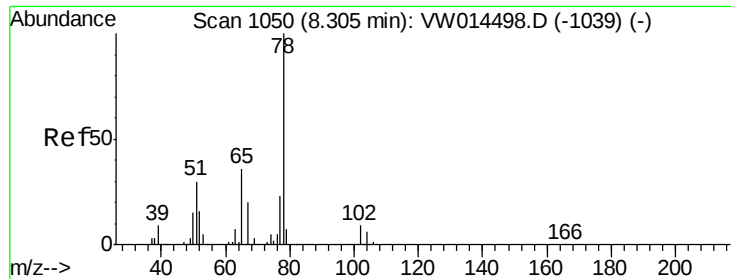
Ion Ratio Lower Upper

97 100

99 63.5 51.8 77.6

61 42.7 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 48.313 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

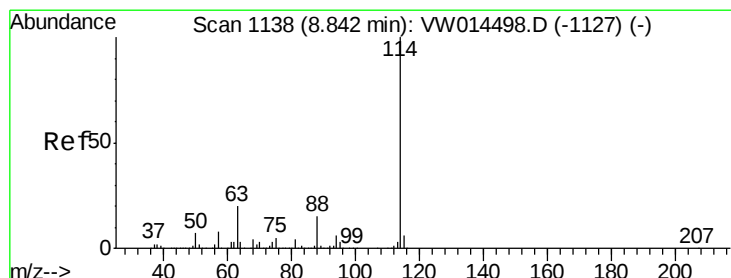
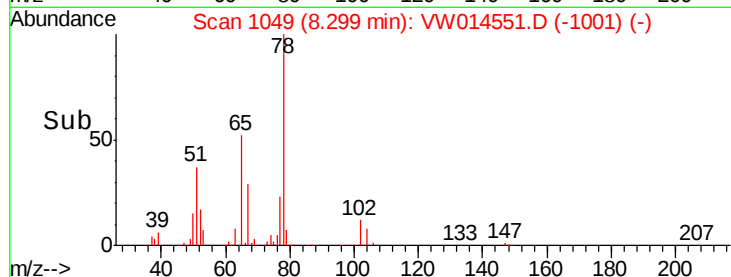
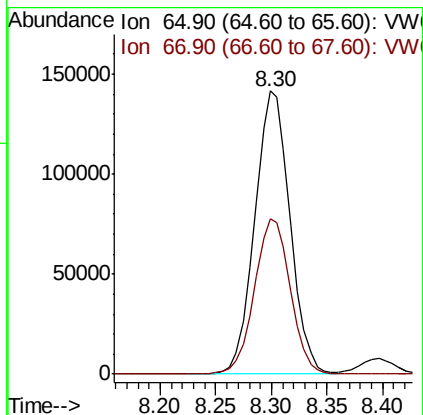
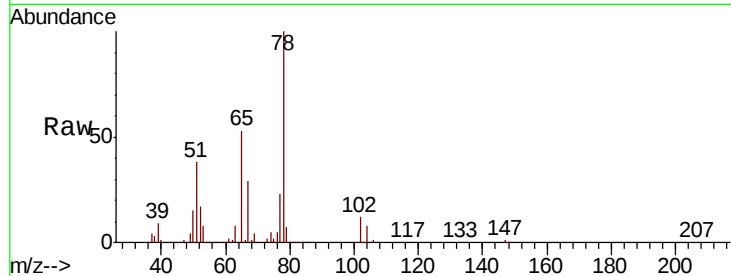
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 65 Resp: 311975

Ion Ratio Lower Upper

65 100

67 55.9 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

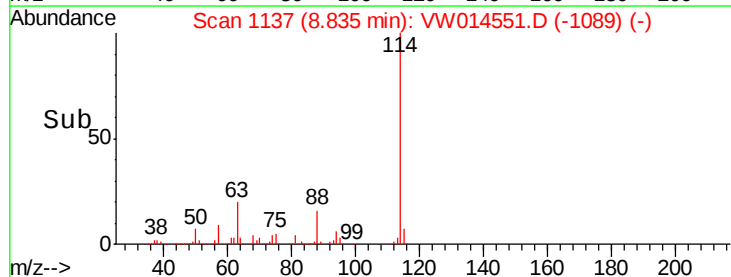
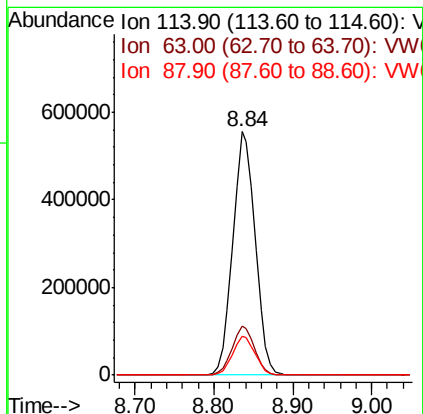
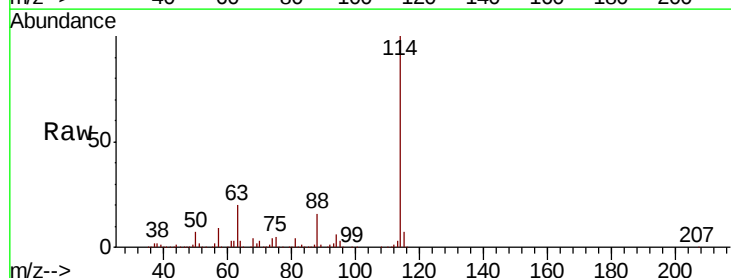
Tgt Ion: 114 Resp: 1098712

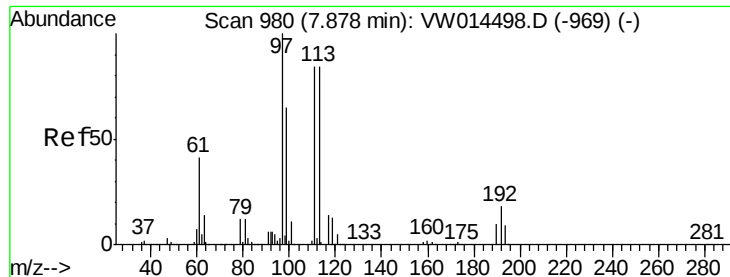
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.4

88 16.0 0.0 30.6

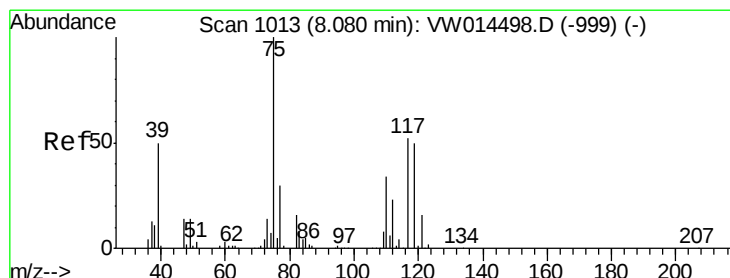
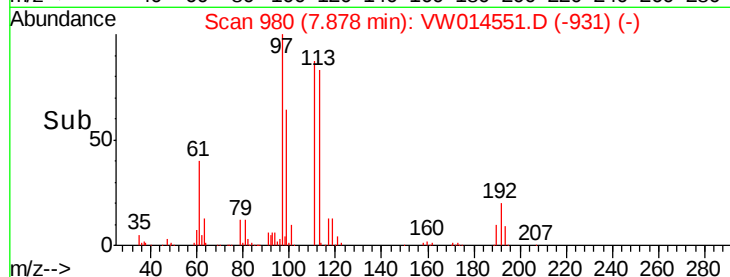
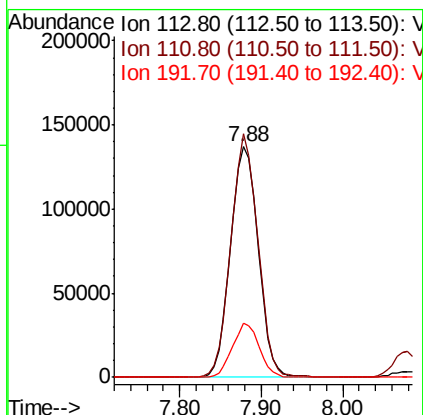
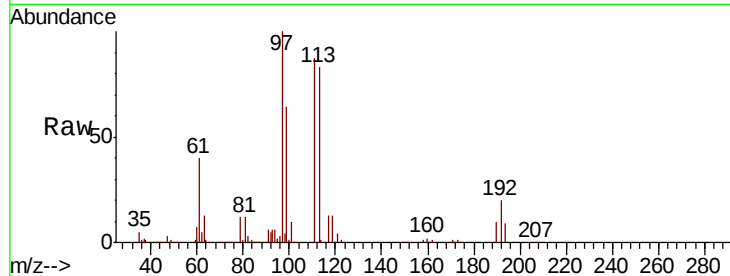




#35
 Dibromofluoromethane
 Concen: 51.421 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW014551.D
 Acq: 08 Jan 2020 09:54

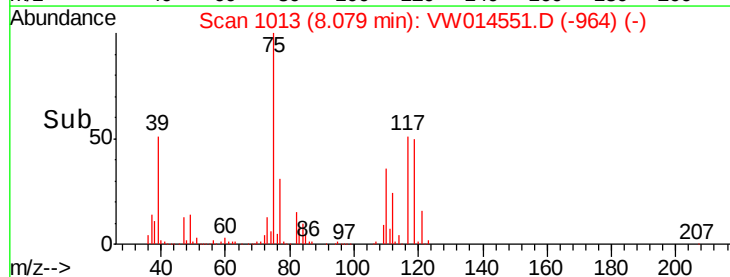
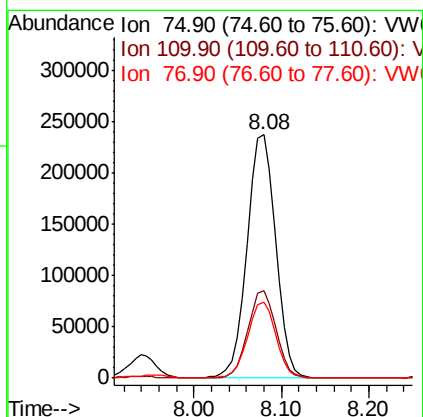
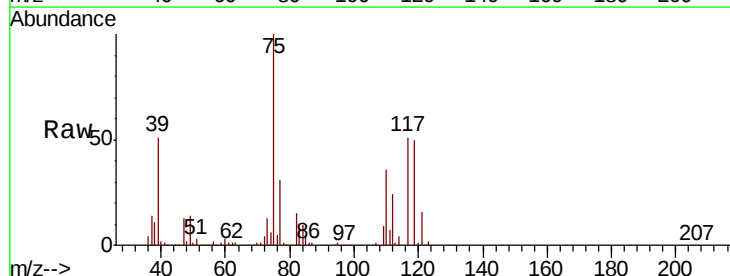
Instrument :
 MSVOA_W
 ClientSampleId :

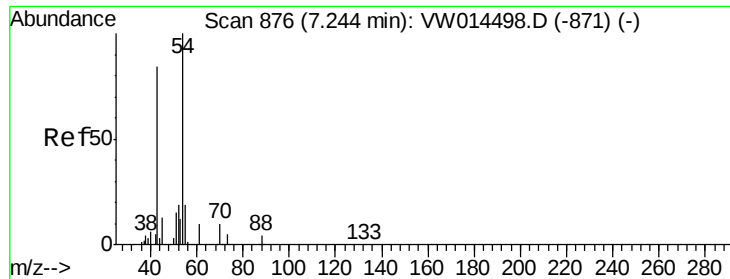
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.4	122.2
192	22.4	17.8	26.8



#36
 1,1-Dichloropropene
 Concen: 51.104 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW014551.D
 Acq: 08 Jan 2020 09:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.2	17.8	53.5
77	30.9	24.7	37.1

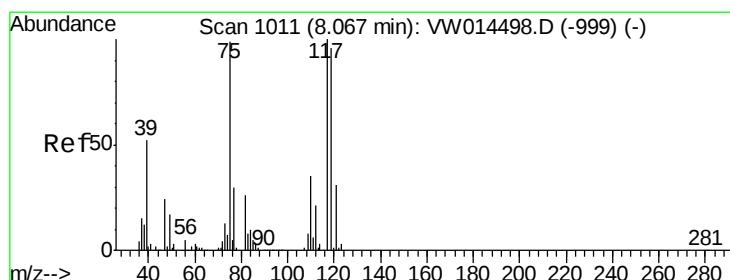
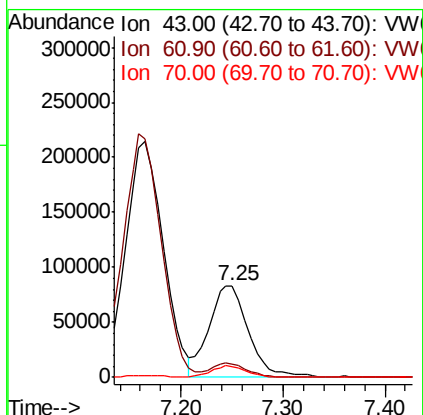
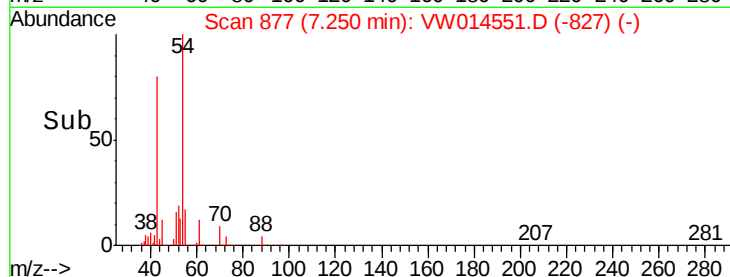
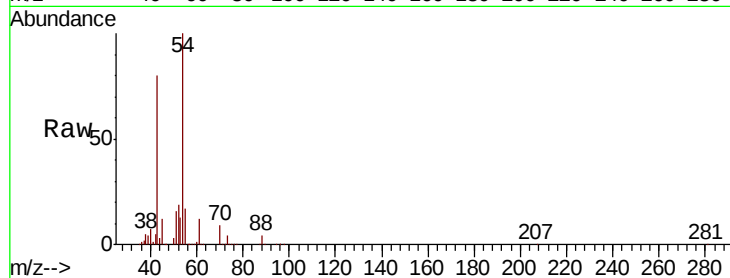




#37
Ethyl Acetate
Concen: 46.319 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

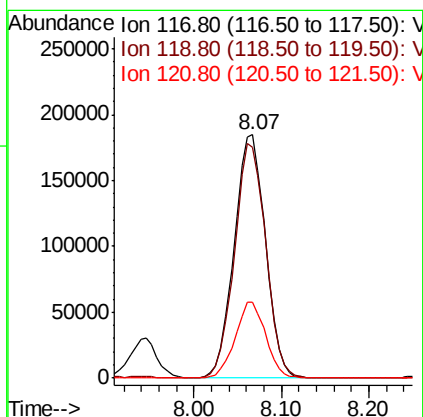
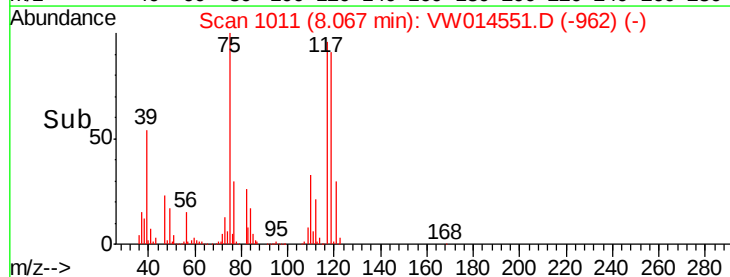
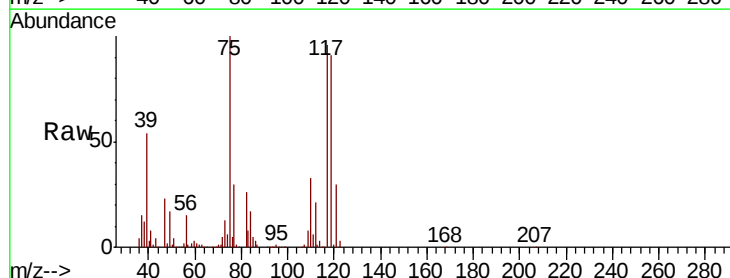
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 222513
Ion Ratio Lower Upper
43 100
61 14.0 11.7 17.5
70 11.2 9.0 13.6



#38
Carbon Tetrachloride
Concen: 50.016 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

Tgt Ion: 117 Resp: 459610
Ion Ratio Lower Upper
117 100
119 94.8 77.0 115.6
121 31.1 24.6 36.8

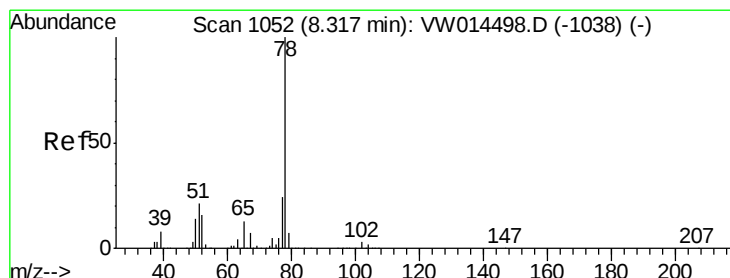
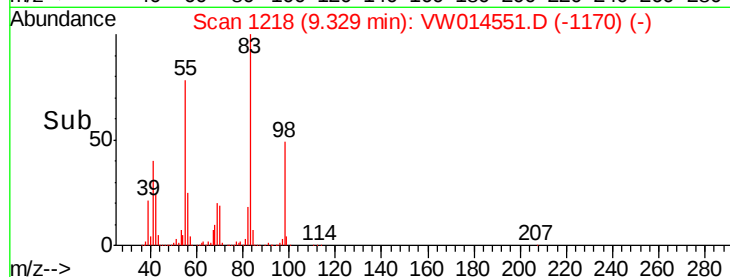
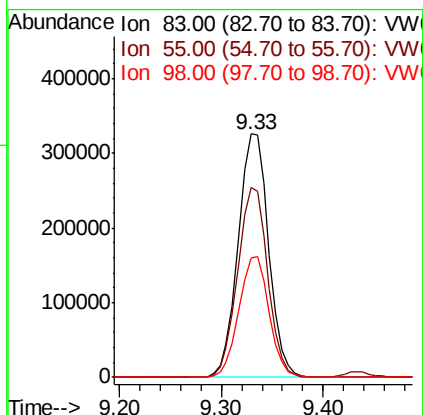
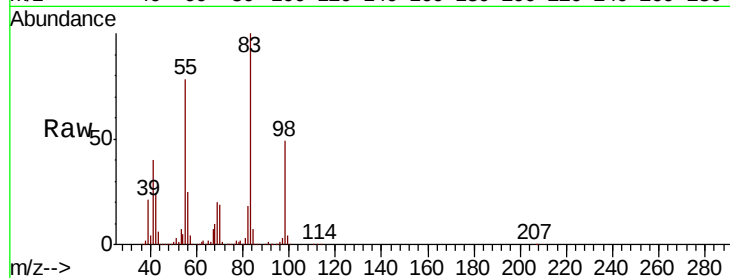




#39
Methvlcvclohexane
Concen: 49.733 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

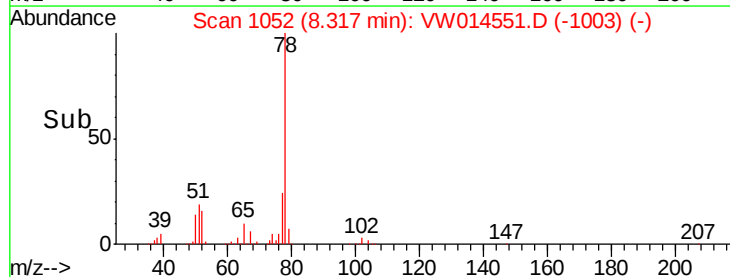
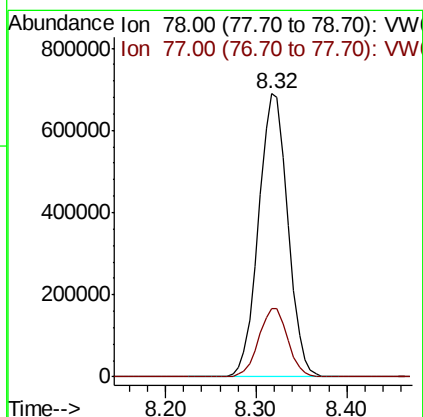
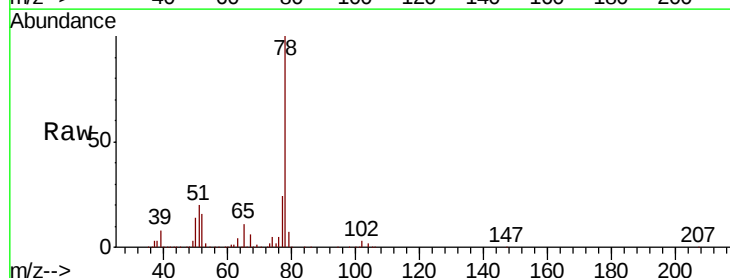
Instrument :
MSVOA_W
ClientSampled :

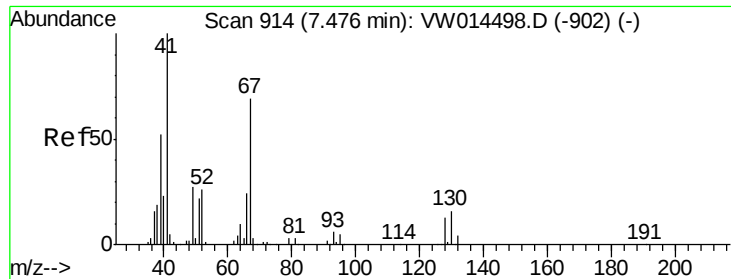
Tot Ion: 83 Resp: 676016
Ion Ratio Lower Upper
83 100
55 77.8 60.1 90.1
98 49.0 38.8 58.2



#40
Benzene
Concen: 51.265 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

Tgt Ion: 78 Resp: 1536350
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9

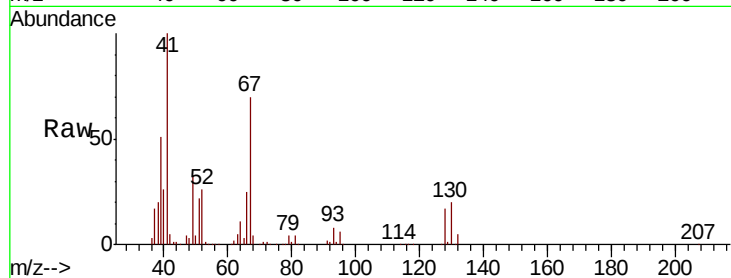




#41
Methacrylonitrile
Concen: 53.215 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.00 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	41	Resp:	142500
Ion	Ratio	Lower	Upper
41	100		
39	49.6	46.0	69.0
67	66.4	60.8	91.2
52	26.3	23.7	35.5



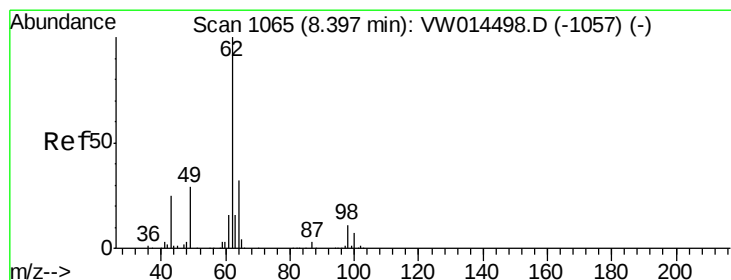
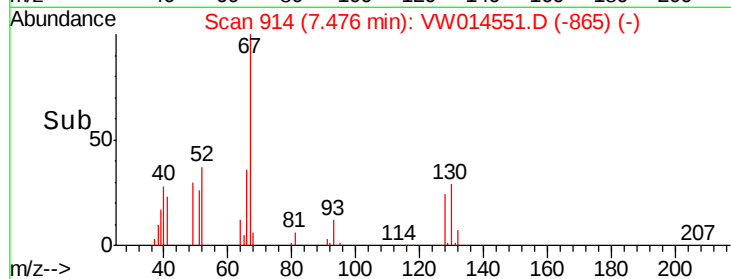
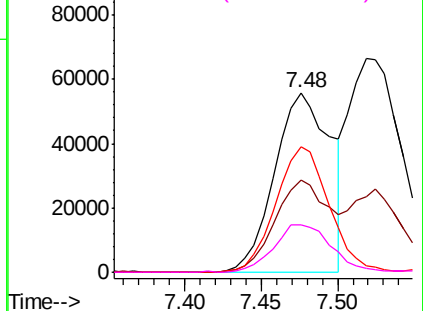
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

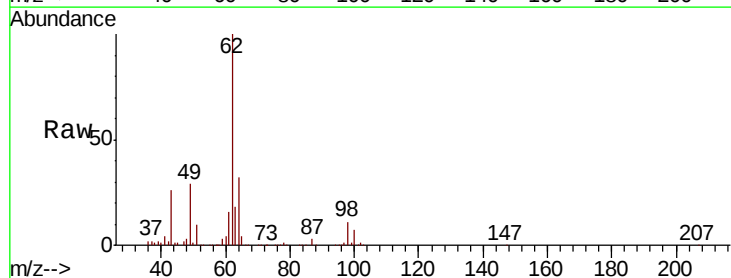
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 49.292 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

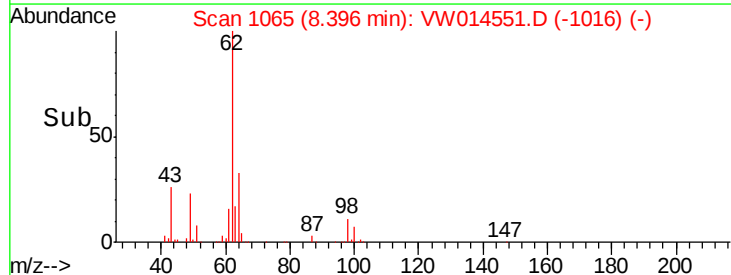
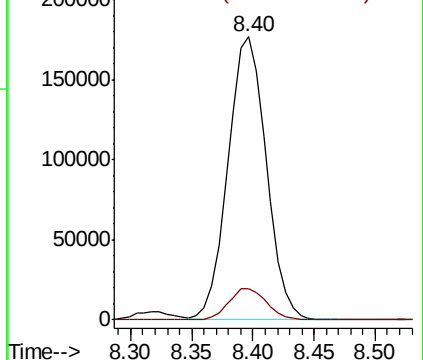
Tgt Ion:	62	Resp:	383354
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	22.0

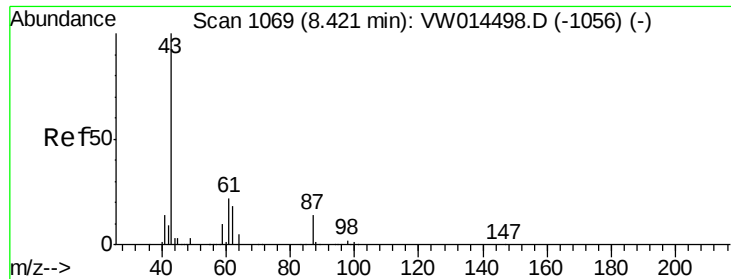


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 46.889 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

ClientSampled :

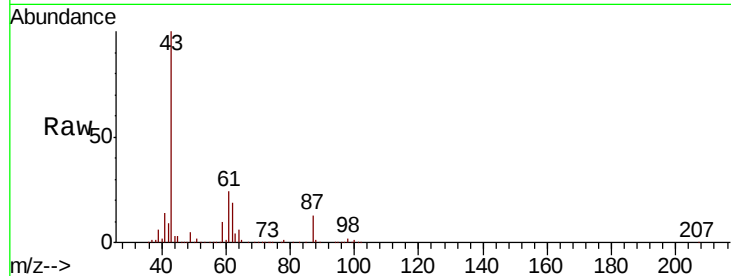
Tot Ion: 43 Resp: 409029

Ion Ratio Lower Upper

43 100

61 32.0 24.7 37.1

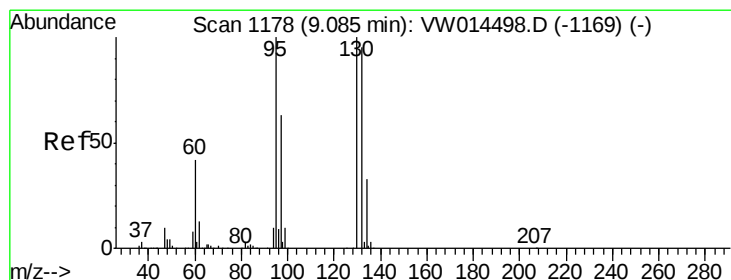
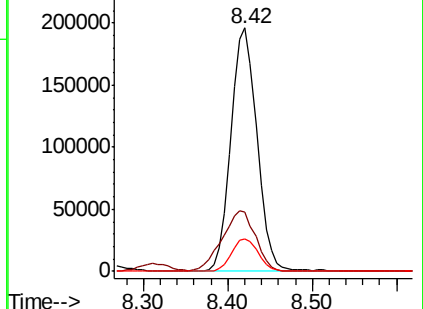
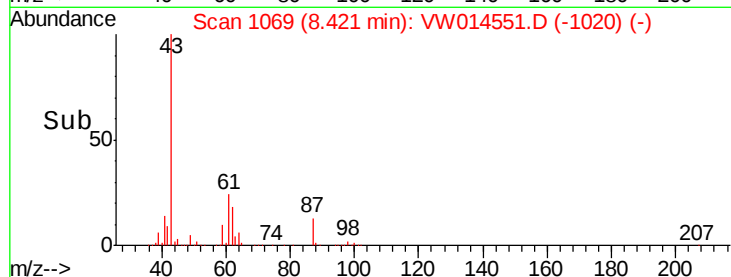
87 13.6 11.1 16.7



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: 50.762 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VW014551.D

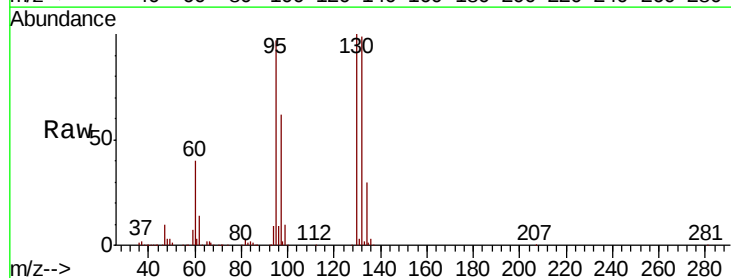
Acq: 08 Jan 2020 09:54

Tgt Ion: 130 Resp: 411648

Ion Ratio Lower Upper

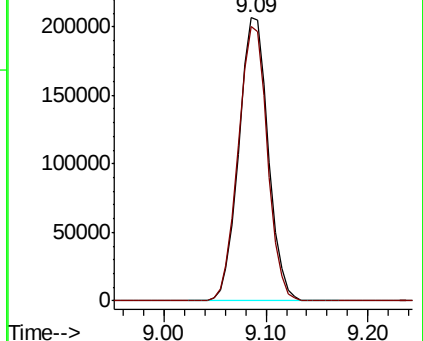
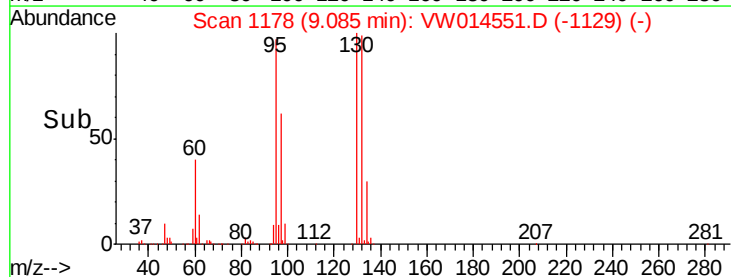
130 100

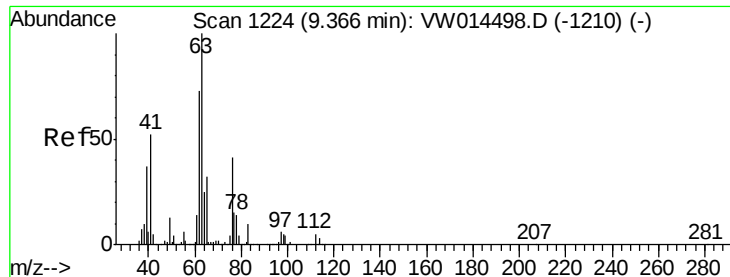
95 96.8 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 51.445 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

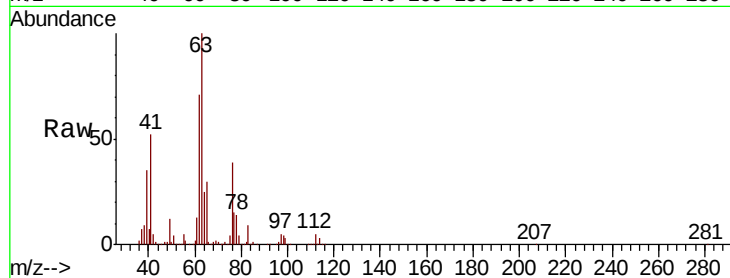
ClientSampleId :

Tot Ion: 63 Resp: 378331

Ion Ratio Lower Upper

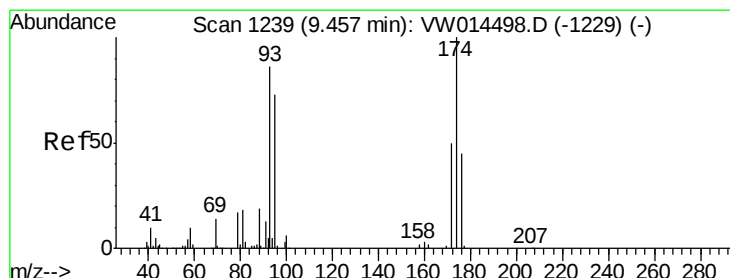
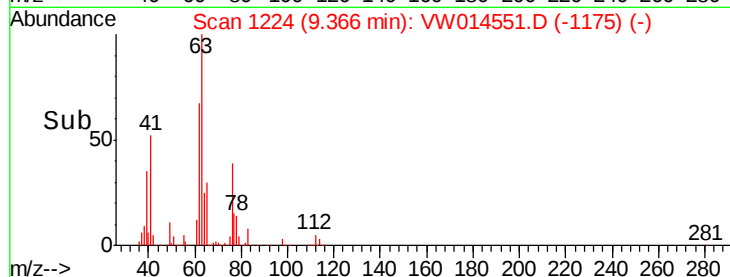
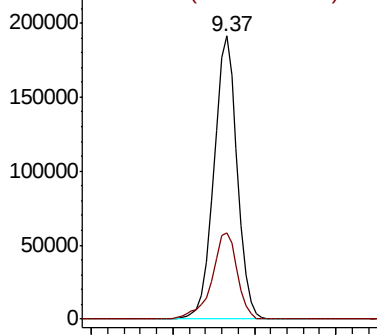
63 100

65 30.4 25.6 38.4



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 49.287 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

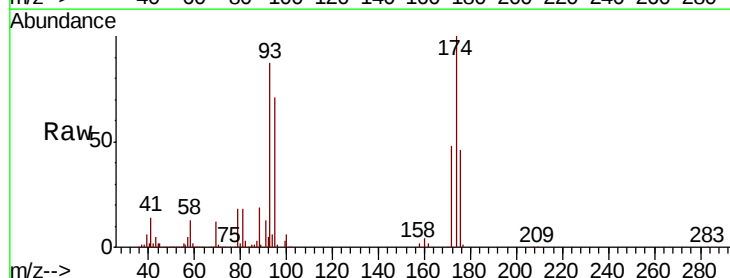
Tgt Ion: 93 Resp: 178934

Ion Ratio Lower Upper

93 100

95 82.4 66.4 99.6

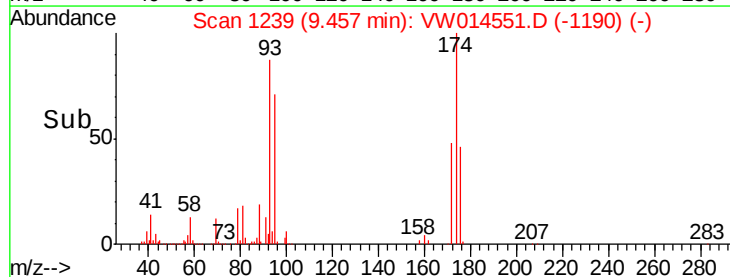
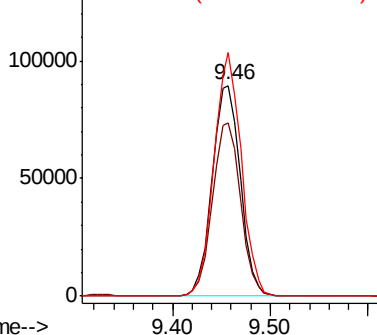
174 111.5 89.1 133.7

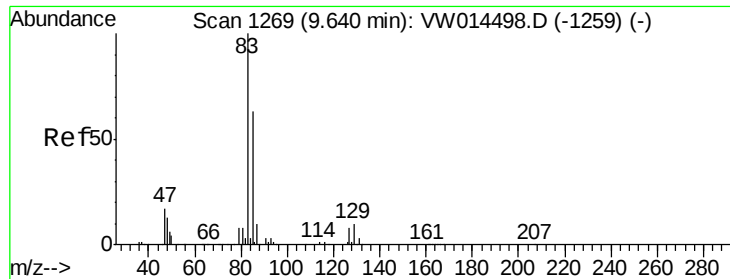


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.192 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

ClientSampleId :

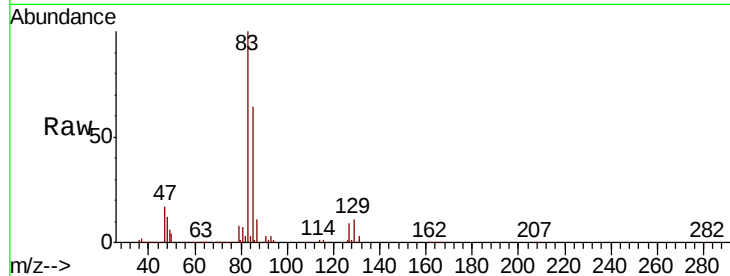
Tot Ion: 83 Resp: 458841

Ion Ratio Lower Upper

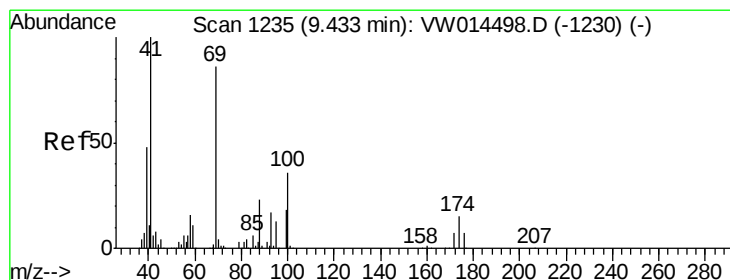
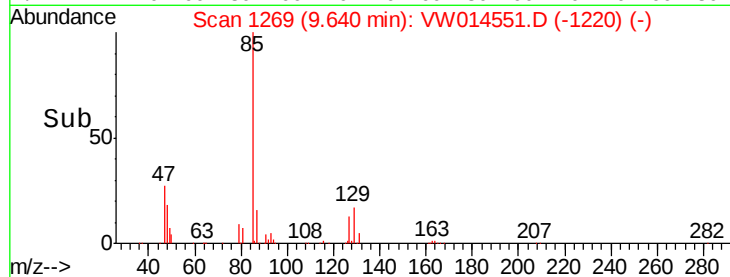
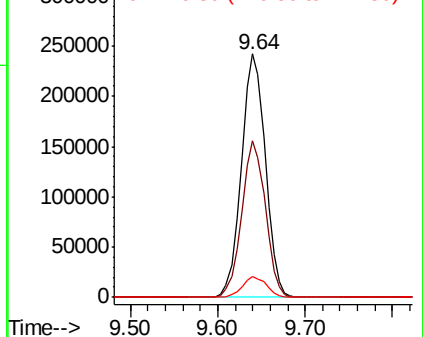
83 100

85 64.5 50.6 76.0

127 8.6 6.6 9.8



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



#48

Methyl methacrylate

Concen: 47.917 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

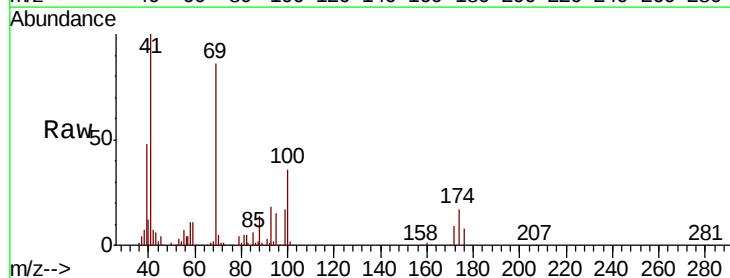
Tgt Ion: 41 Resp: 204081

Ion Ratio Lower Upper

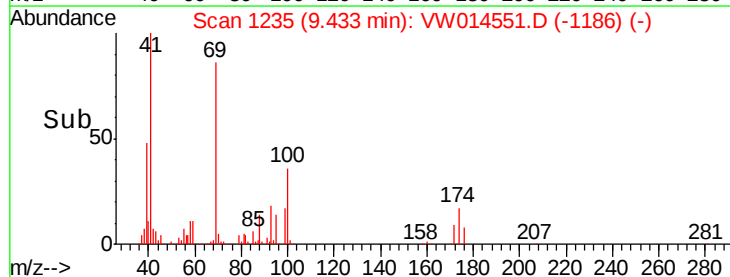
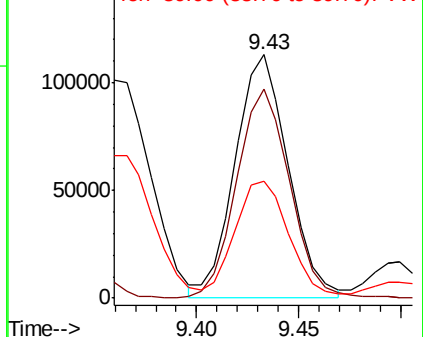
41 100

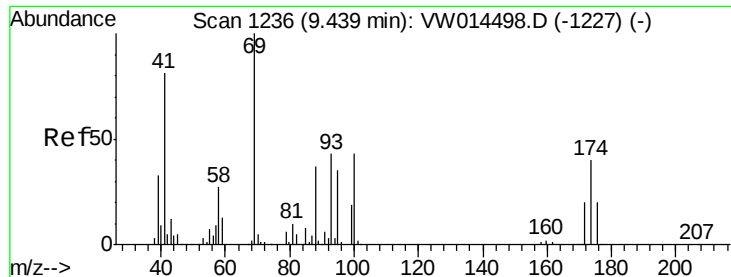
69 86.0 68.3 102.5

39 45.2 36.8 55.2



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

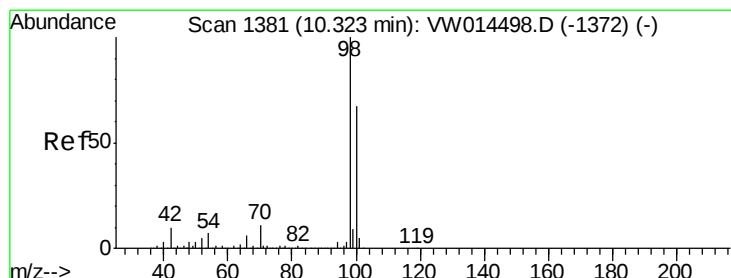
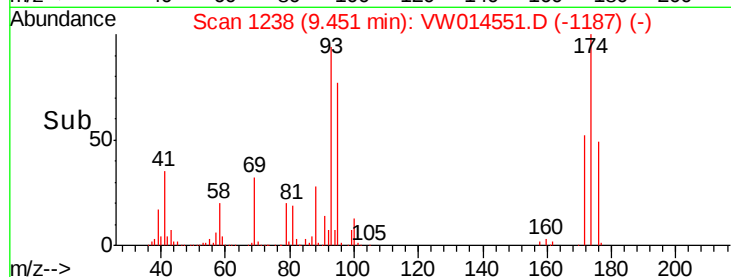
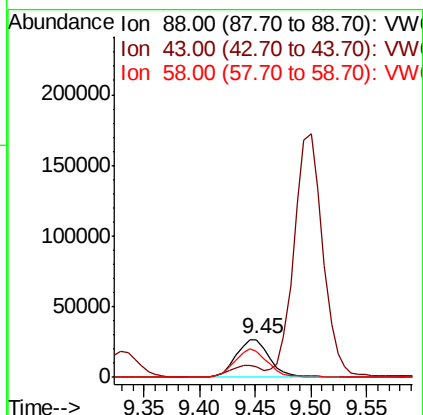
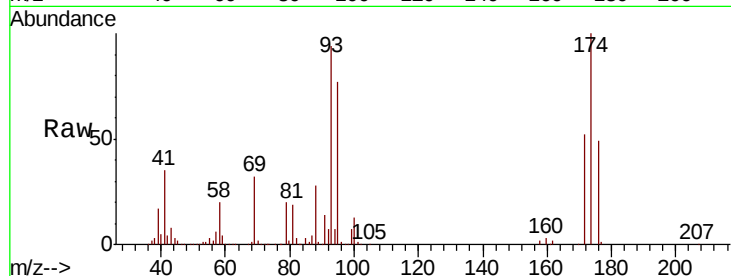




#49
1,4-Dioxane
Concen: 821.740 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

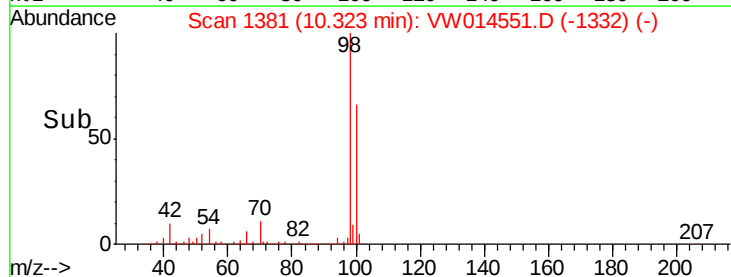
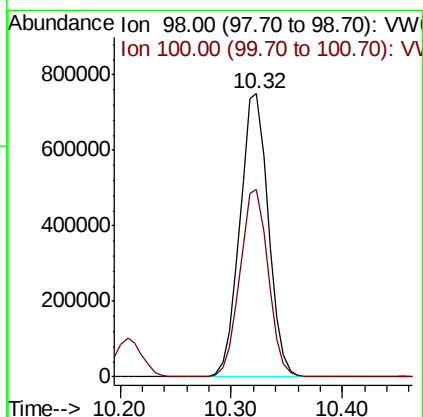
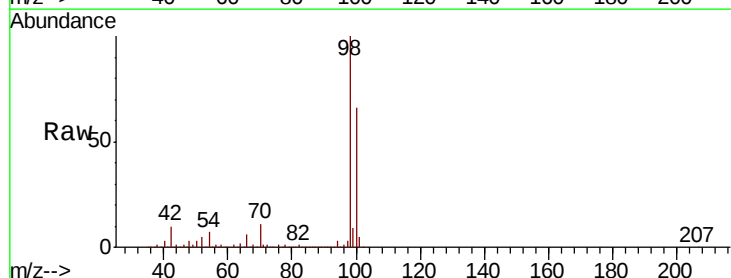
Instrument :
MSVOA_W
ClientSampleId :

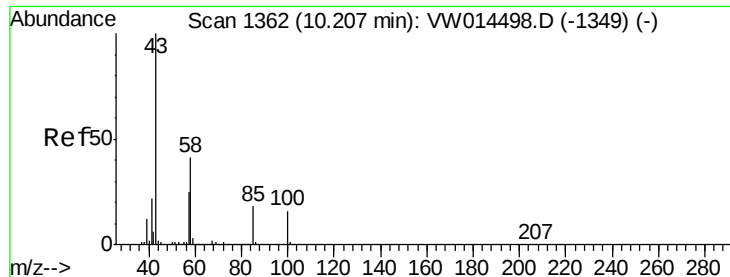
Tot Ion: 88 Resp: 55798
Ion Ratio Lower Upper
88 100
43 28.1 24.9 37.3
58 76.2 56.9 85.3



#50
Toluene-d8
Concen: 50.699 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

Tgt Ion: 98 Resp: 1328577
Ion Ratio Lower Upper
98 100
100 66.1 53.8 80.6

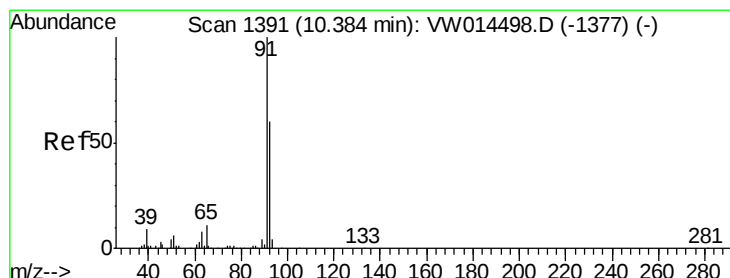
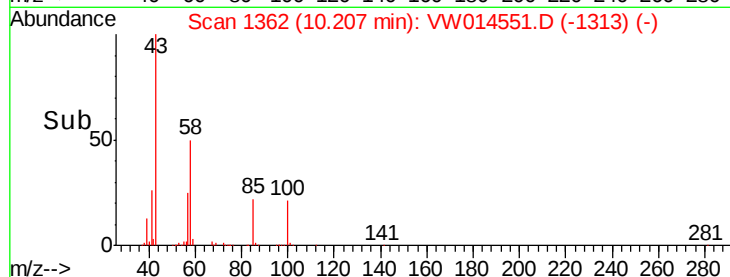
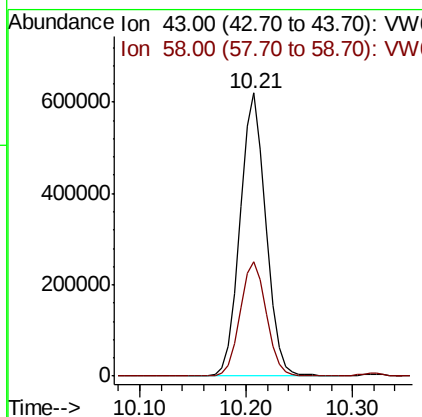
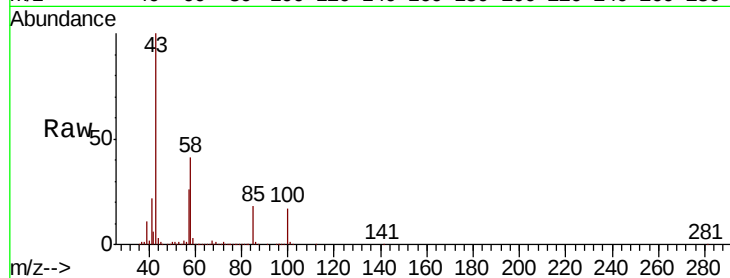




#51
4-Methyl-2-Pentanone
Concen: 232.875 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

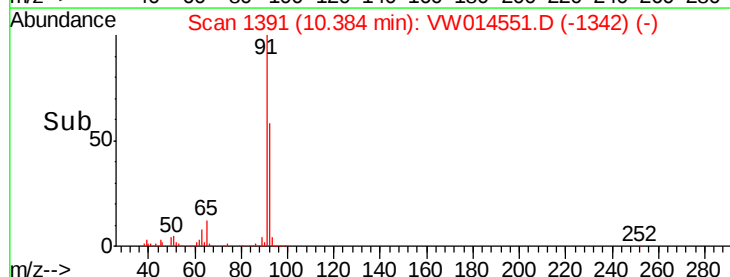
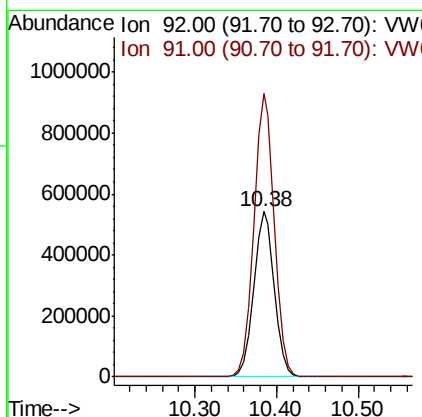
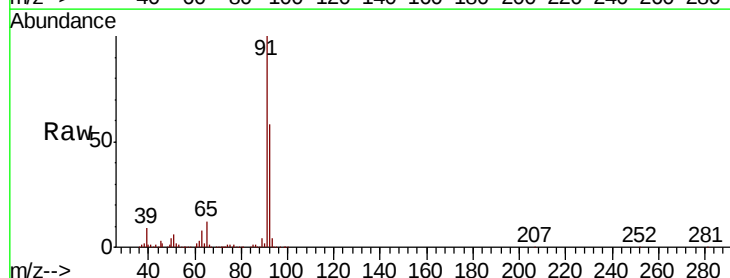
Instrument :
MSVOA_W
ClientSampleId :

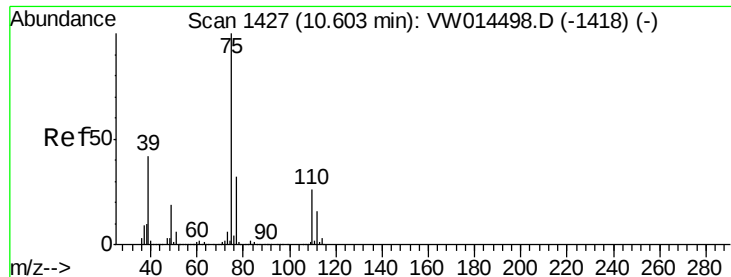
Tot Ion: 43 Resp: 1054926
Ion Ratio Lower Upper
43 100
58 41.1 32.7 49.1



#52
Toluene
Concen: 50.672 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

Tgt Ion: 92 Resp: 955355
Ion Ratio Lower Upper
92 100
91 170.8 134.1 201.1





#53

t-1,3-Dichloropropene

Concen: 50.614 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

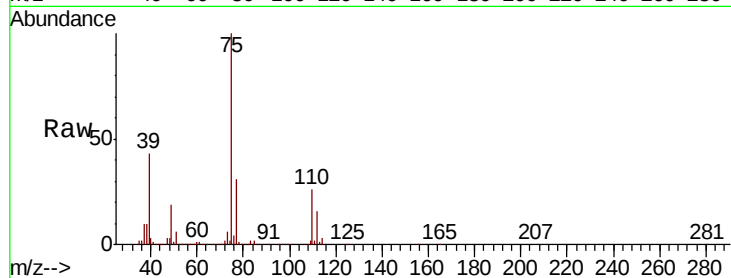
ClientSampled :

Tot Ion: 75 Resp: 469713

Ion Ratio Lower Upper

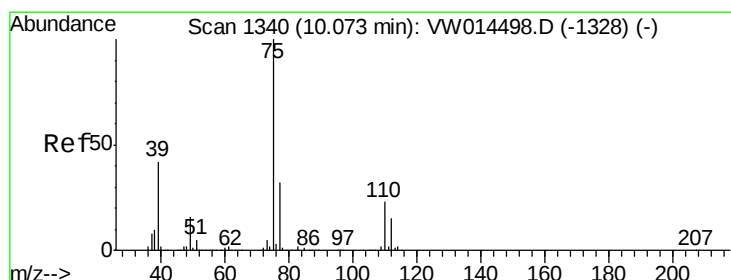
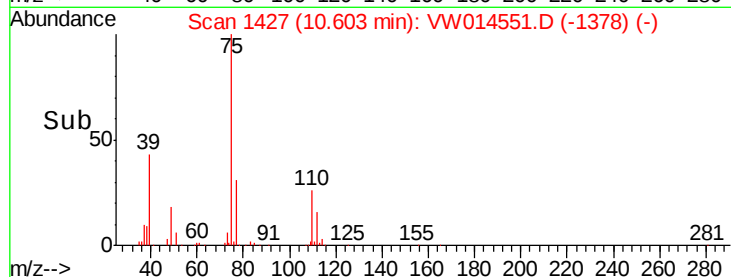
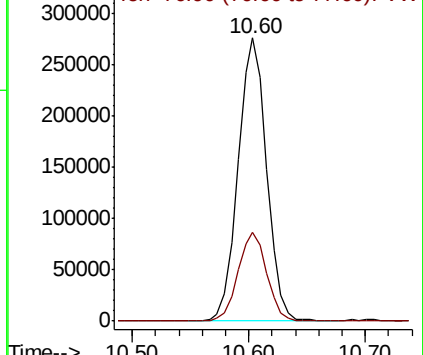
75 100

77 31.3 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 51.336 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.01 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

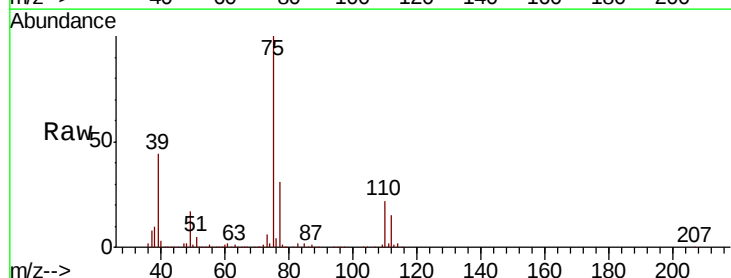
Tgt Ion: 75 Resp: 582261

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0

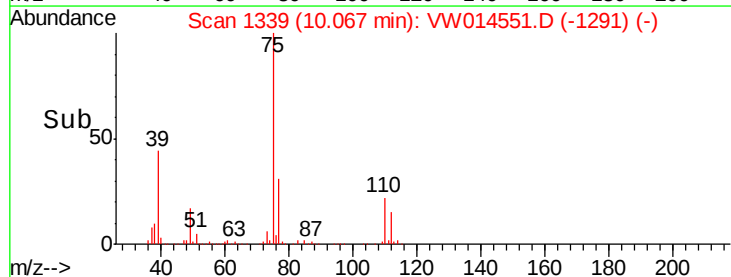
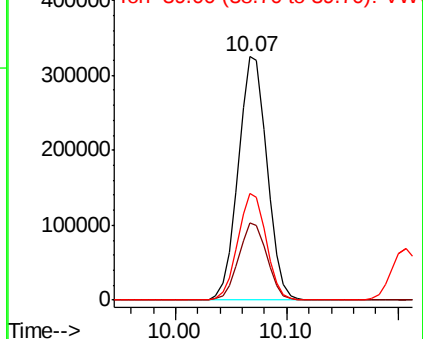
39 43.9 33.4 50.2

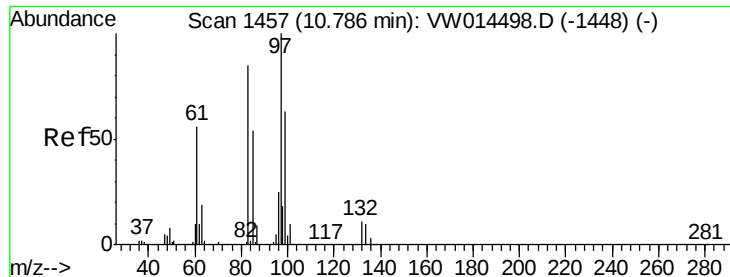


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

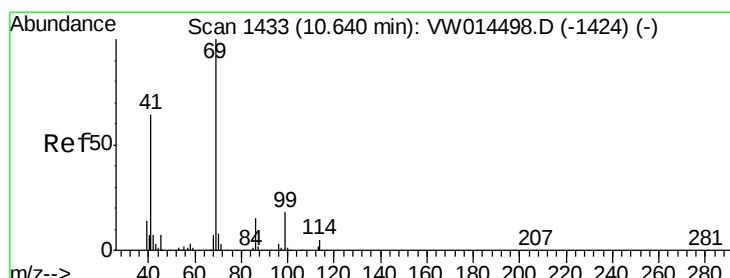
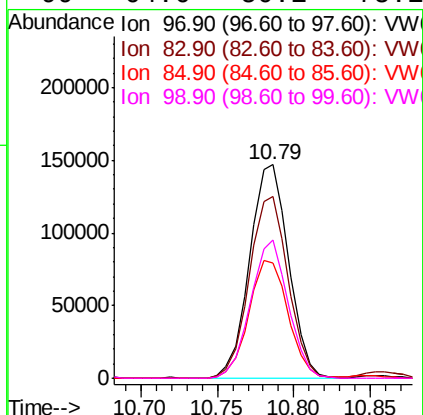
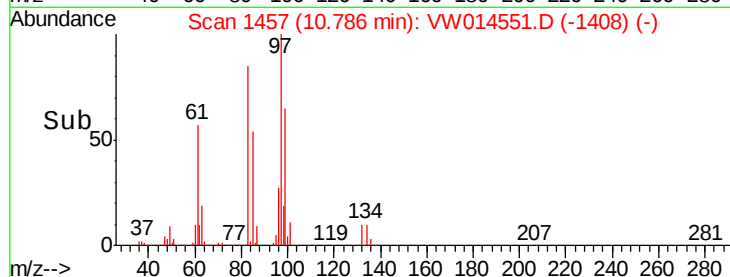
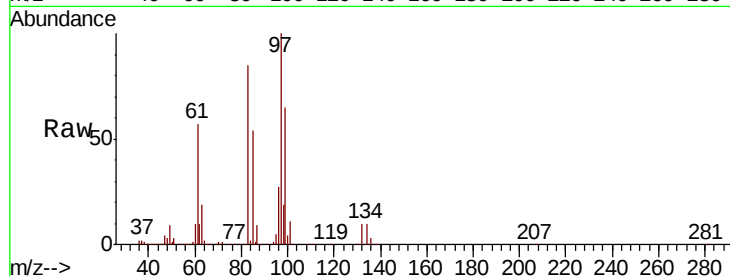




#55
 1,1,2-Trichloroethane
 Concen: 49.139 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW014551.D
 Acq: 08 Jan 2020 09:54

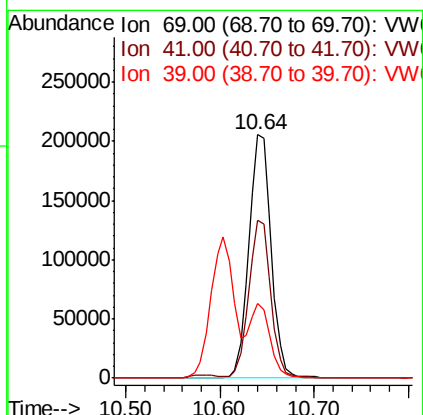
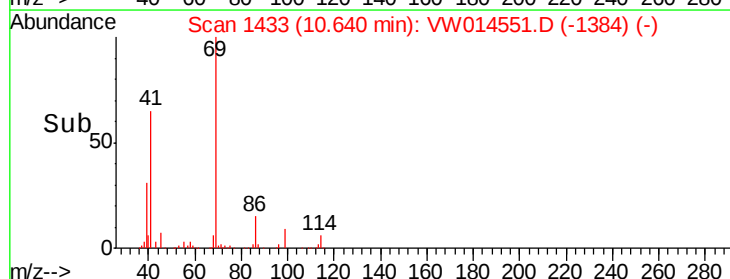
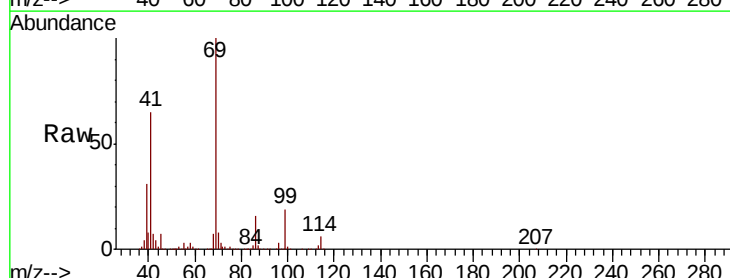
Instrument :
 MSVOA_W
 ClientSampleId :

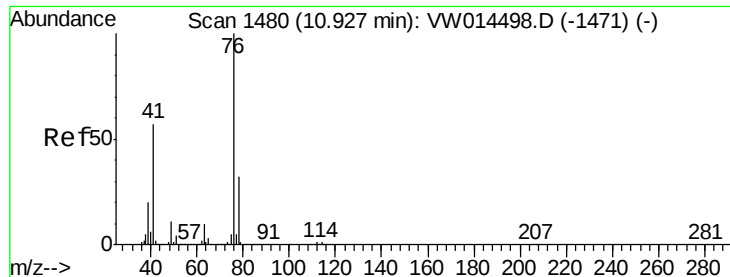
Tot Ion:	97	Resp:	260543
Ion	Ratio	Lower	Upper
97	100		
83	85.1	68.2	102.4
85	53.8	43.0	64.4
99	64.6	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 49.550 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: VW014551.D
 Acq: 08 Jan 2020 09:54

Tgt Ion:	69	Resp:	341438
Ion	Ratio	Lower	Upper
69	100		
41	63.9	51.3	76.9
39	26.3	21.0	31.6





#57

1,3-Dichloropropane

Concen: 49.221 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

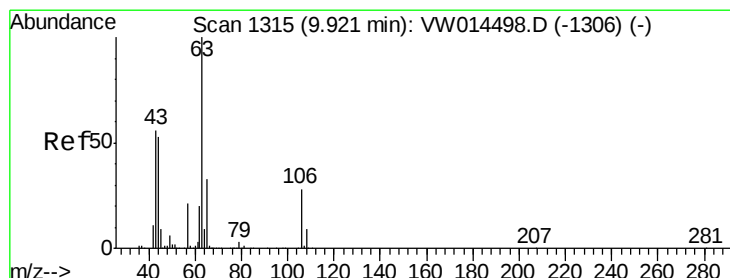
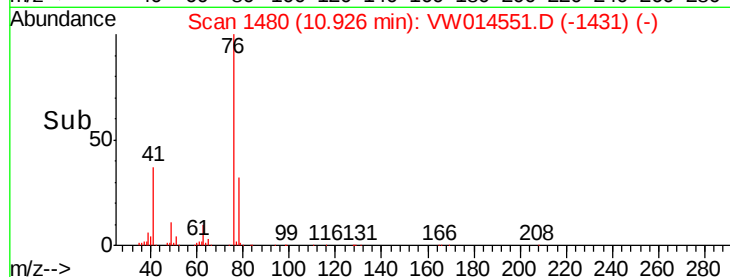
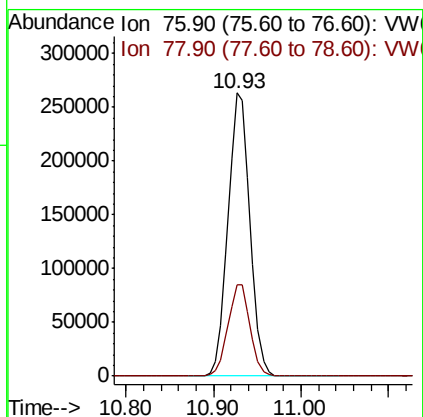
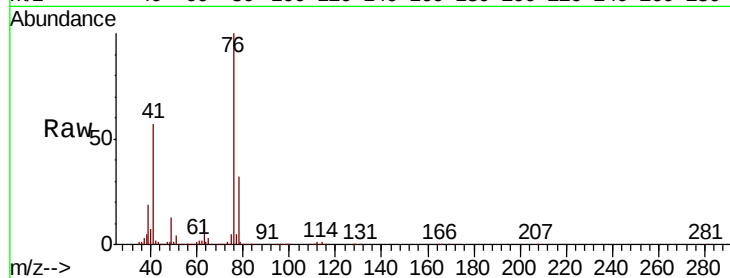
ClientSampled :

Tot Ion: 76 Resp: 458681

Ion Ratio Lower Upper

76 100

78 32.5 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 271.491 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW014551.D

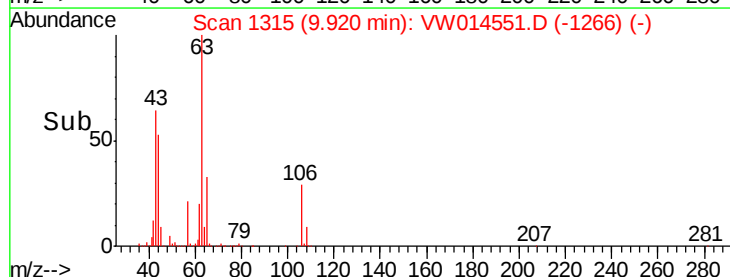
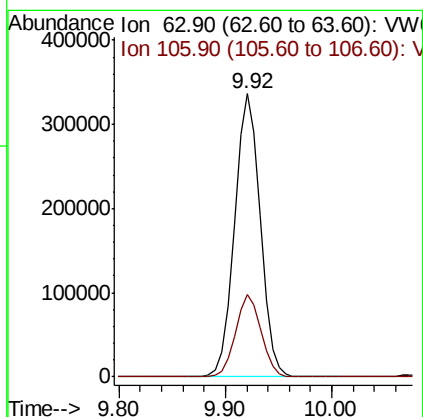
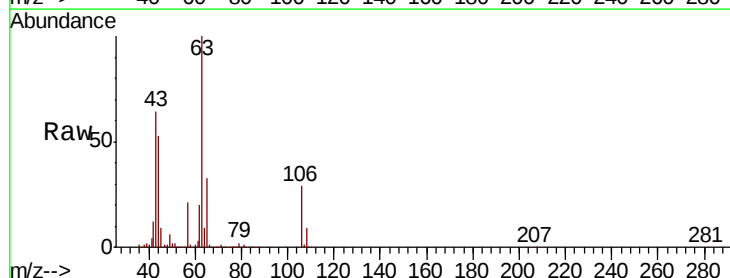
Acq: 08 Jan 2020 09:54

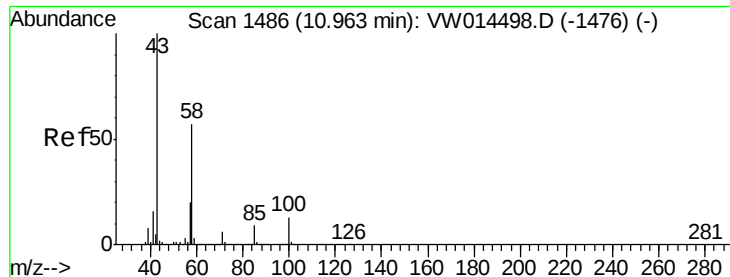
Tgt Ion: 63 Resp: 568965

Ion Ratio Lower Upper

63 100

106 28.8 23.0 34.6

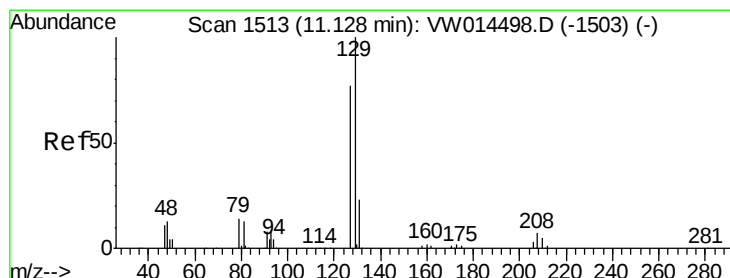
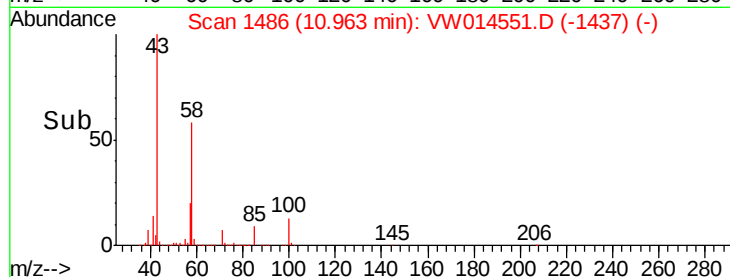
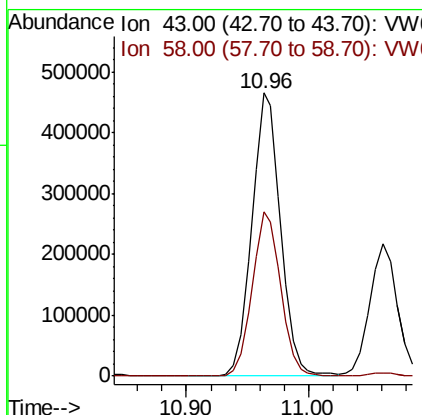
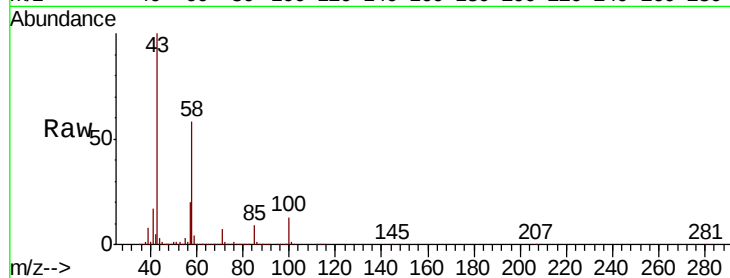




#59
2-Hexanone
Concen: 243.462 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

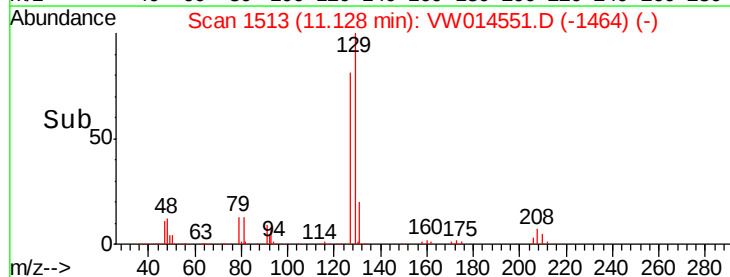
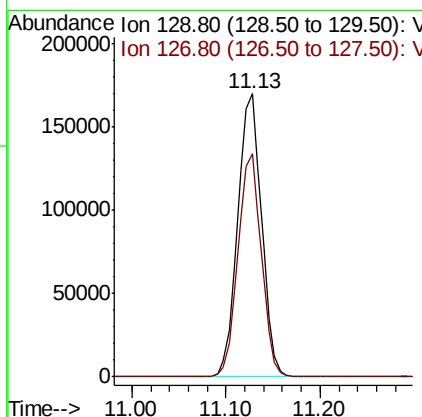
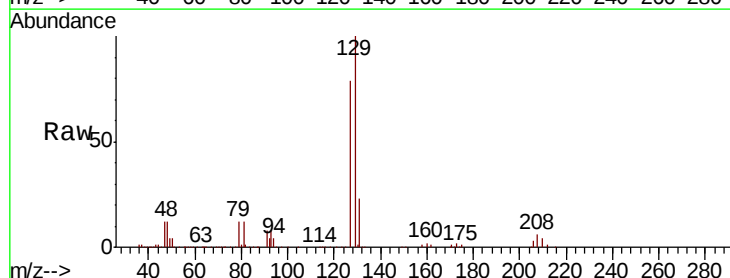
Instrument :
MSVOA_W
ClientSampled :

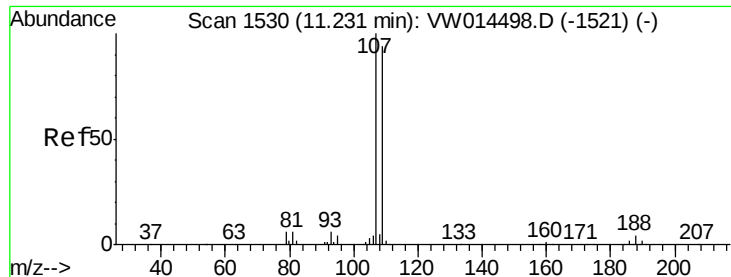
Tot Ion: 43 Resp: 759986
Ion Ratio Lower Upper
43 100
58 57.7 28.7 86.3



#60
Dibromochloromethane
Concen: 50.020 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

Tgt Ion: 129 Resp: 299244
Ion Ratio Lower Upper
129 100
127 77.3 38.1 114.5





#61

1,2-Dibromoethane

Concen: 48.606 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

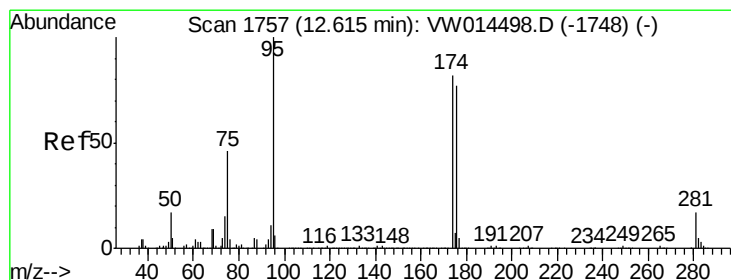
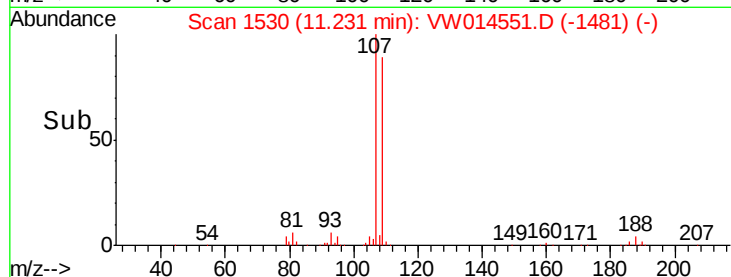
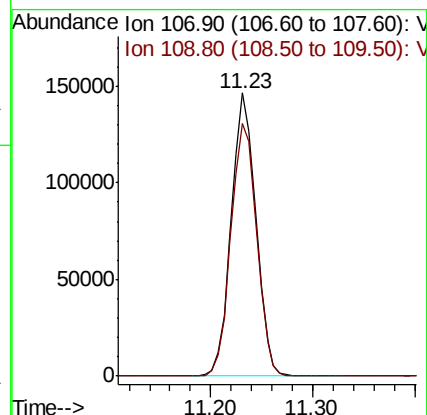
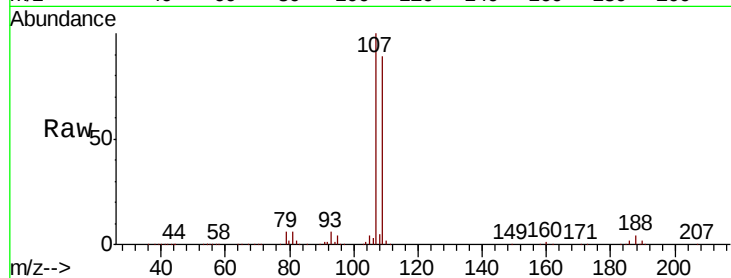
ClientSampleId :

Tot Ion: 107 Resp: 244632

Ion Ratio Lower Upper

107 100

109 93.6 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 49.450 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

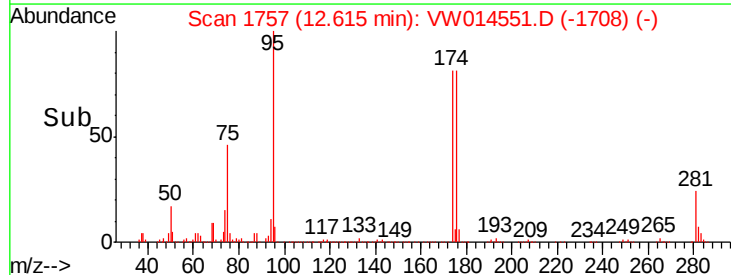
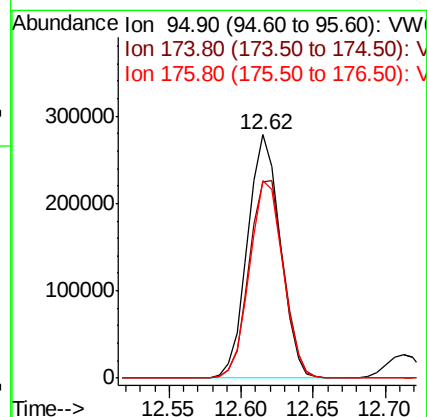
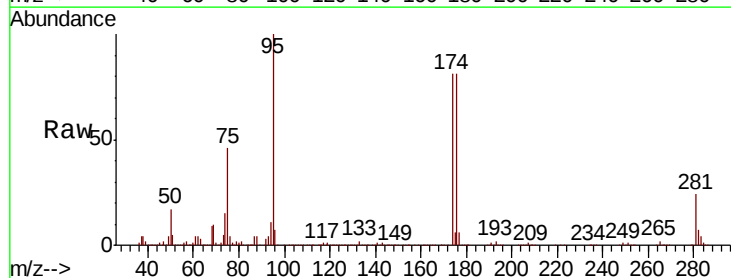
Tgt Ion: 95 Resp: 439534

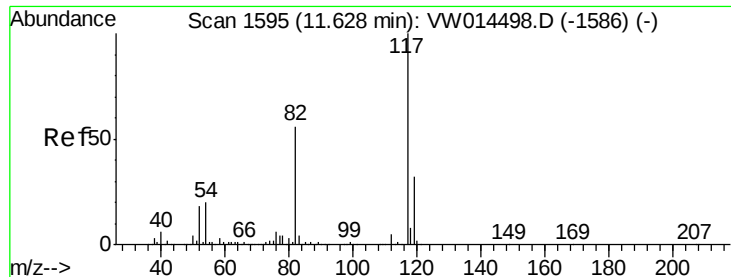
Ion Ratio Lower Upper

95 100

174 85.4 0.0 168.6

176 82.6 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

ClientSampleId :

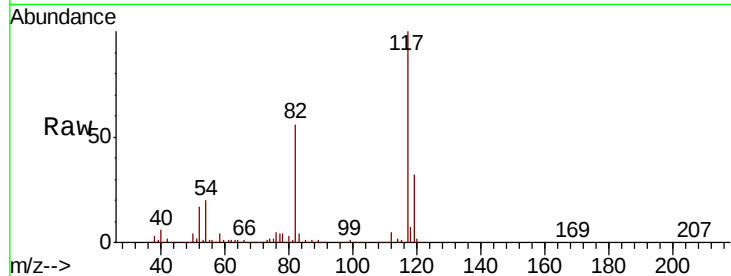
Tot Ion:117 Resp: 939179

Ion Ratio Lower Upper

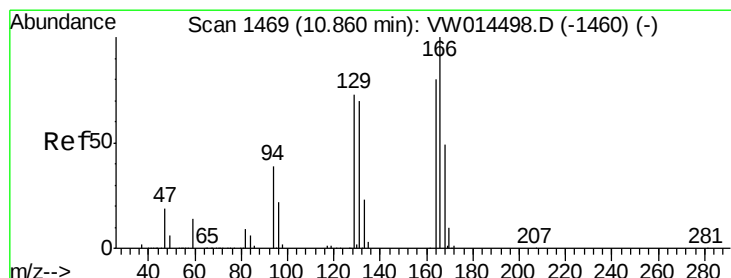
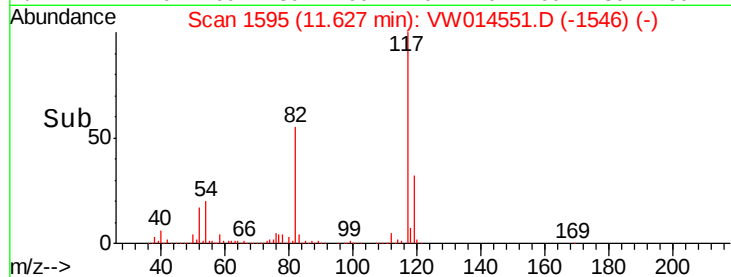
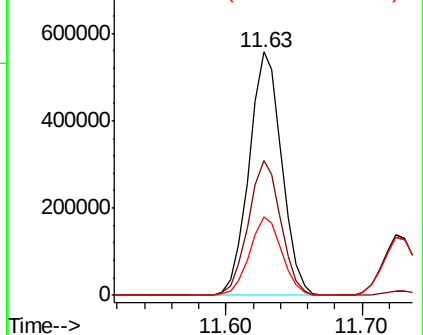
117 100

82 55.5 44.6 67.0

119 32.3 25.7 38.5



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



#64

Tetrachloroethene

Concen: 50.363 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Tgt Ion:164 Resp: 342436

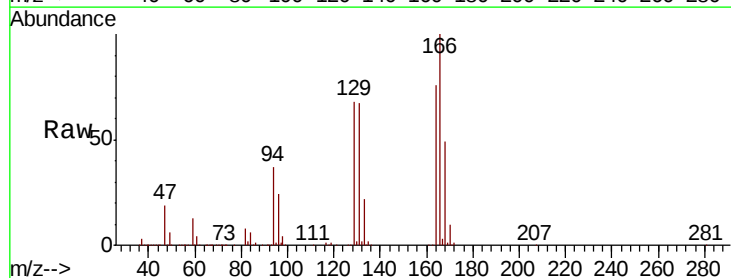
Ion Ratio Lower Upper

164 100

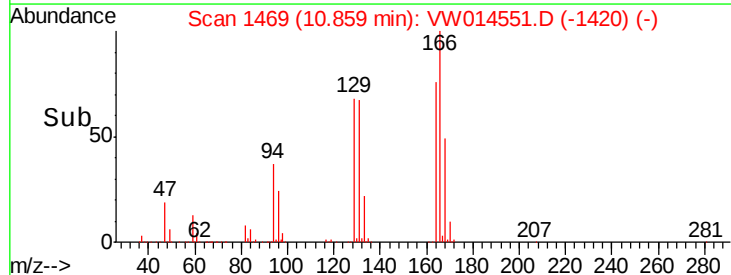
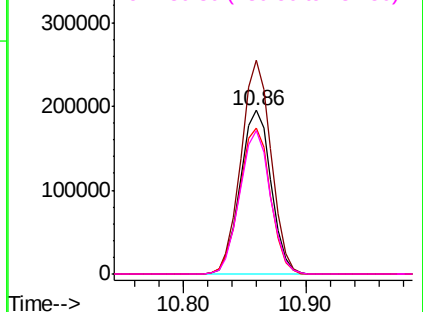
166 130.8 99.8 149.6

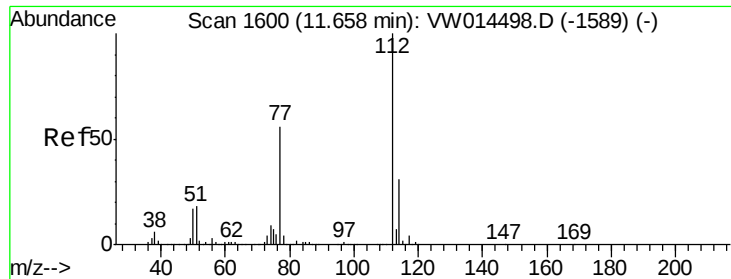
129 89.5 72.4 108.6

131 88.0 70.1 105.1



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

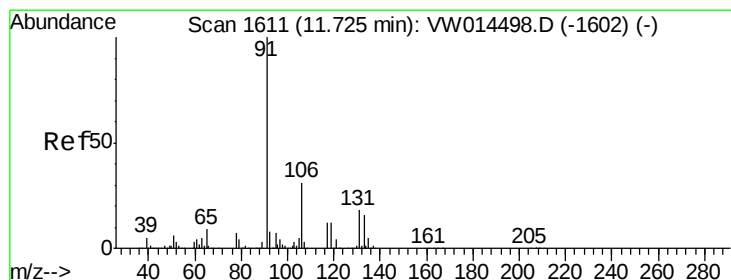
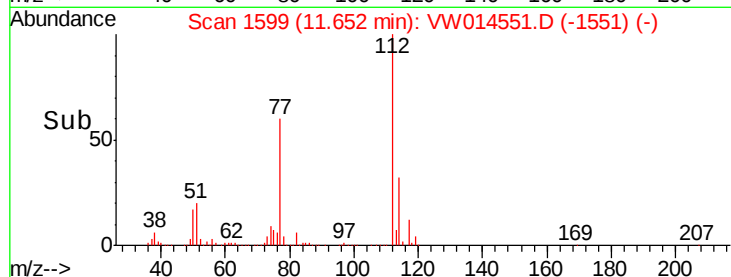
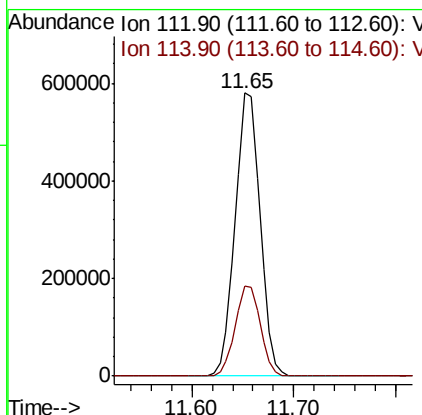
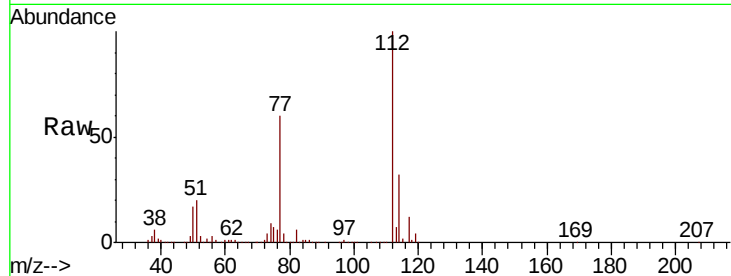




#65
Chlorobenzene
Concen: 50.882 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

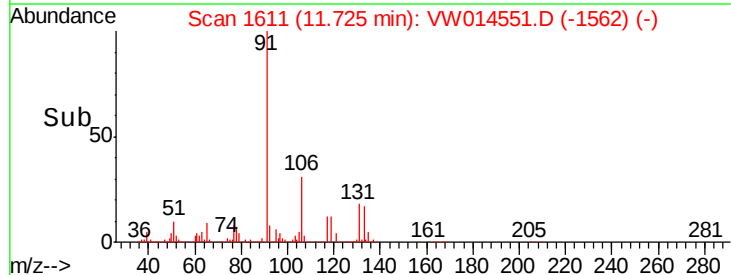
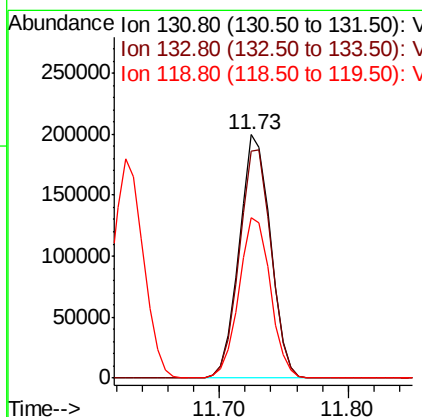
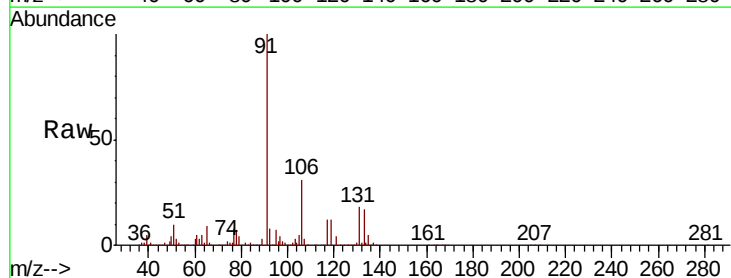
Instrument :
MSVOA_W
ClientSampled :

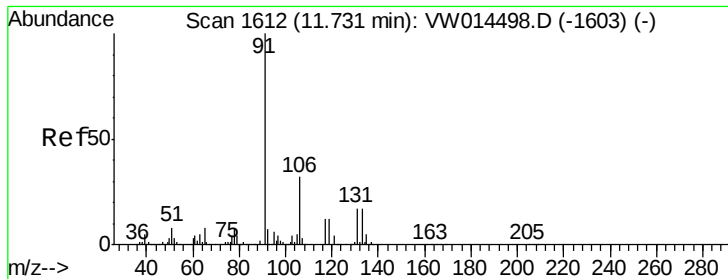
Tot Ion:112 Resp: 979018
Ion Ratio Lower Upper
112 100
114 31.9 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.618 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

Tgt Ion:131 Resp: 334398
Ion Ratio Lower Upper
131 100
133 95.9 47.3 142.0
119 66.4 33.1 99.3

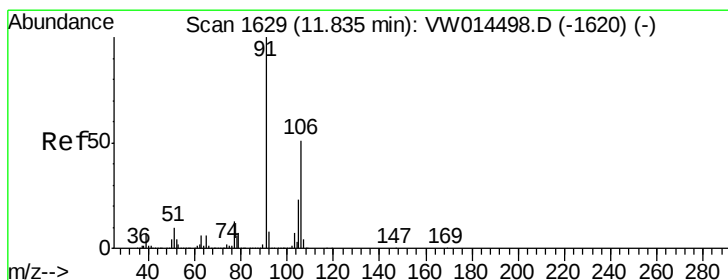
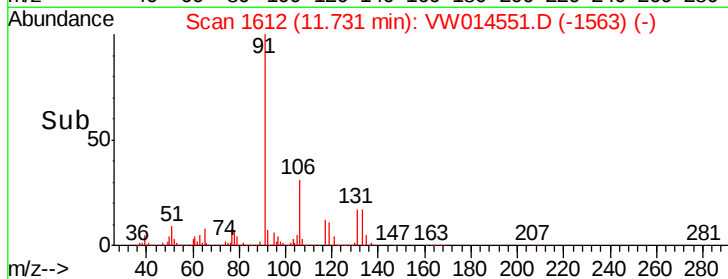
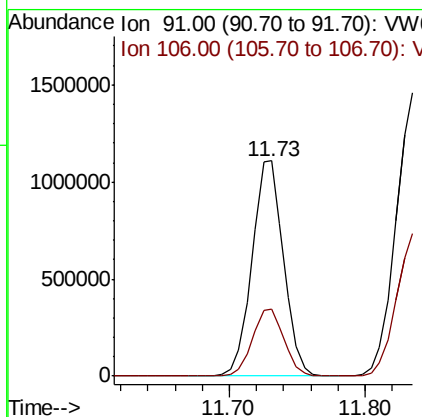
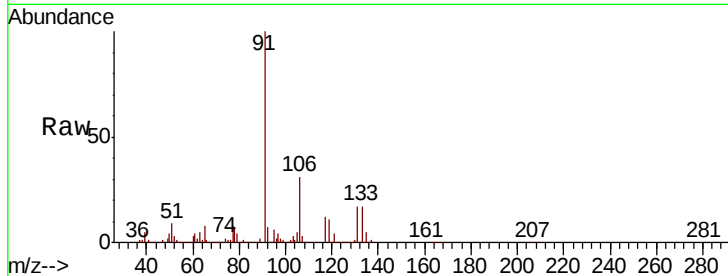




#67
Ethyl Benzene
Concen: 51.995 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

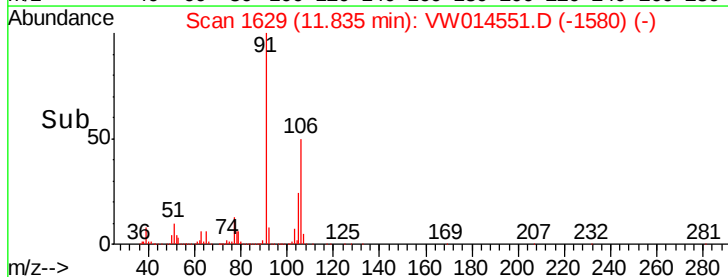
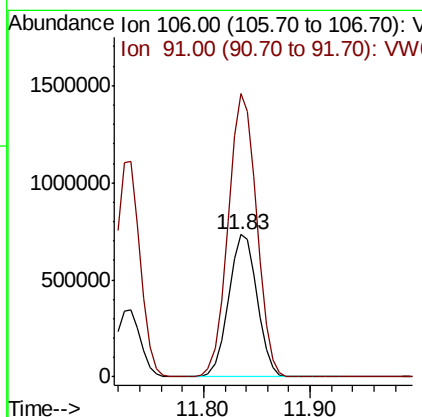
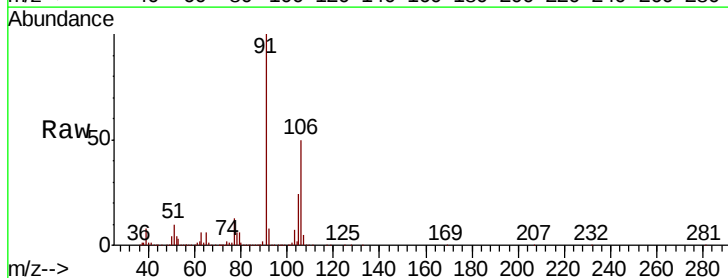
Instrument :
MSVOA_W
ClientSampleId :

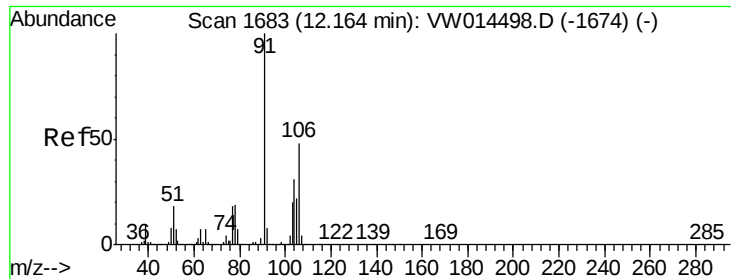
Tot Ion: 91 Resp: 1802926
Ion Ratio Lower Upper
91 100
106 30.9 25.5 38.3



#68
m/p-Xylenes
Concen: 103.733 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

Tgt Ion:106 Resp: 1376639
Ion Ratio Lower Upper
106 100
91 198.4 159.0 238.6

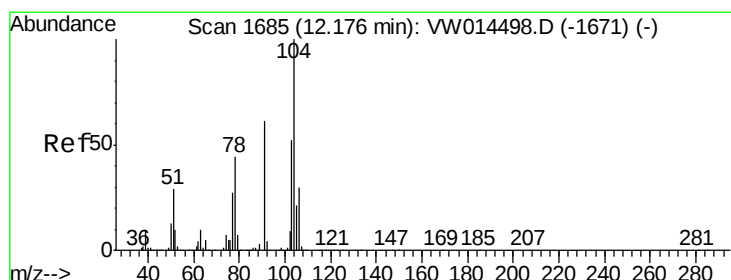
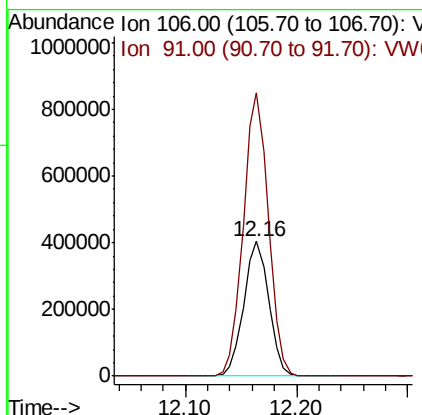
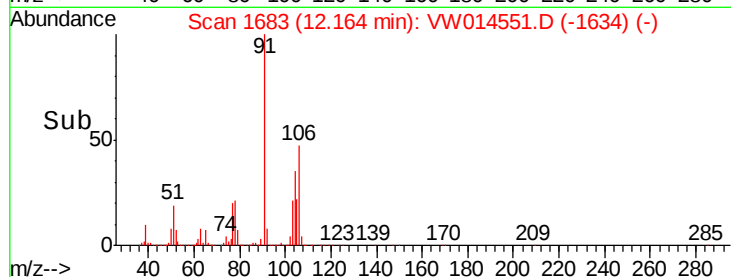
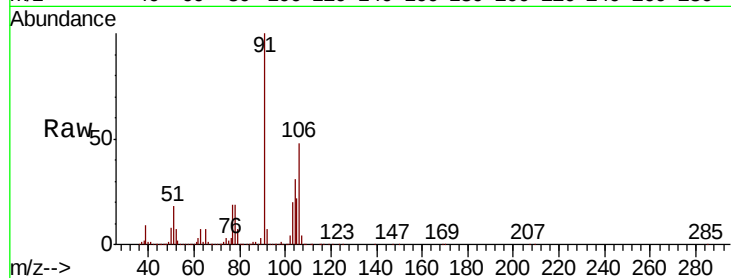




#69
o-Xylene
Concen: 51.602 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

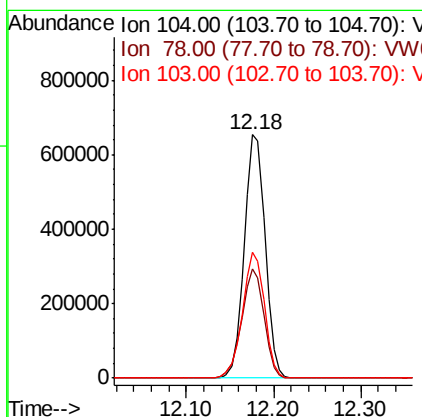
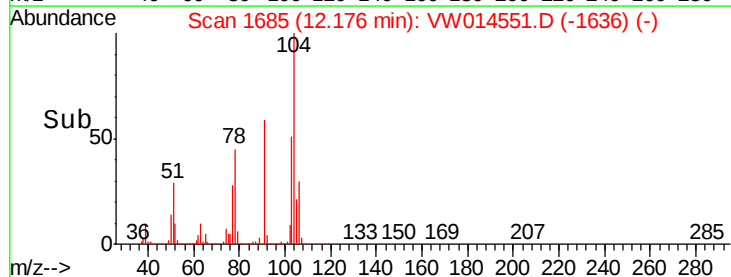
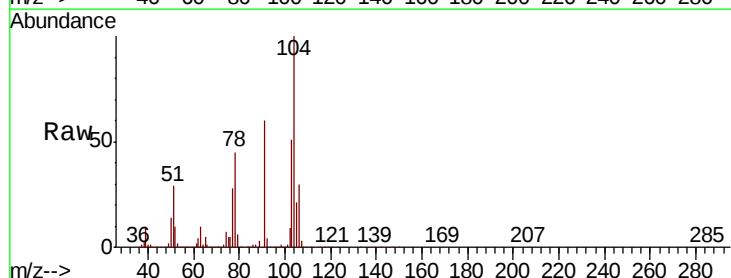
Instrument :
MSVOA_W
ClientSampled :

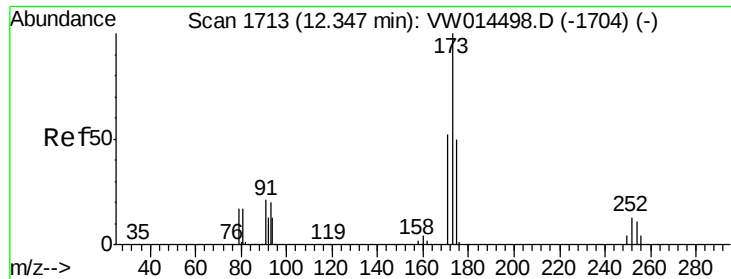
Tot Ion:106 Resp: 632570
Ion Ratio Lower Upper
106 100
91 209.5 105.2 315.6



#70
Styrene
Concen: 52.137 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

Tgt Ion:104 Resp: 1081034
Ion Ratio Lower Upper
104 100
78 48.0 38.4 57.6
103 54.3 43.7 65.5

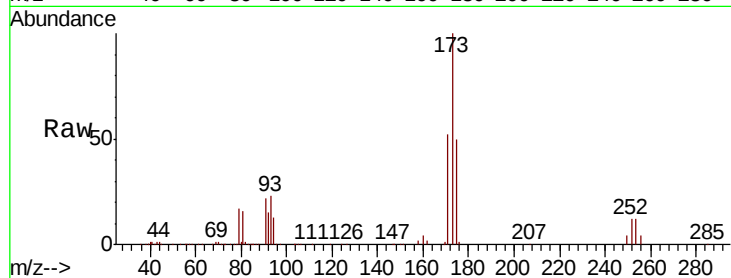




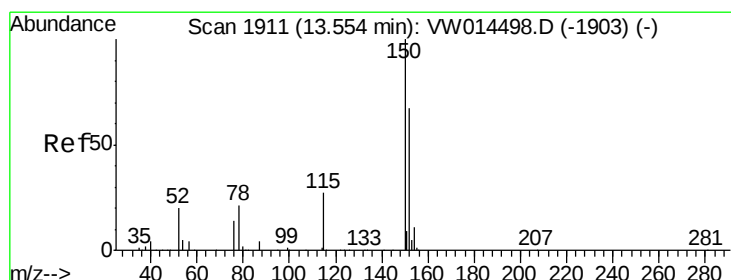
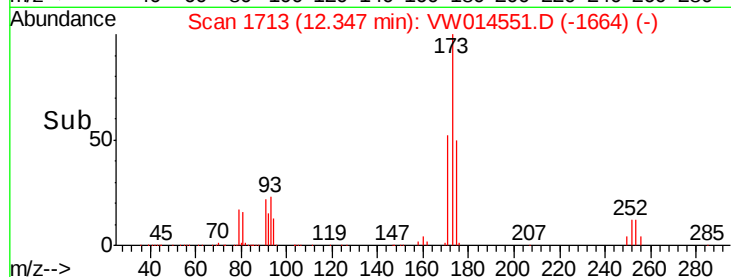
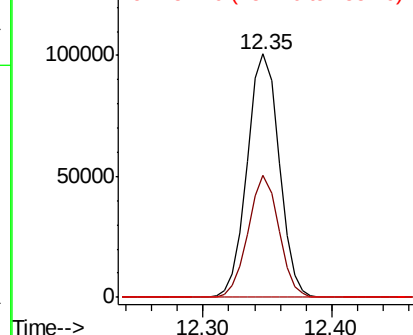
#71
Bromoform
Concen: 48.810 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:173 Resp: 172477
Ion Ratio Lower Upper
173 100
175 48.1 24.5 73.5
254 0.1 0.0 0.0#

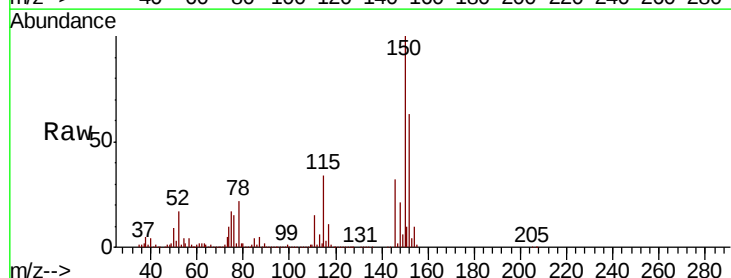


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

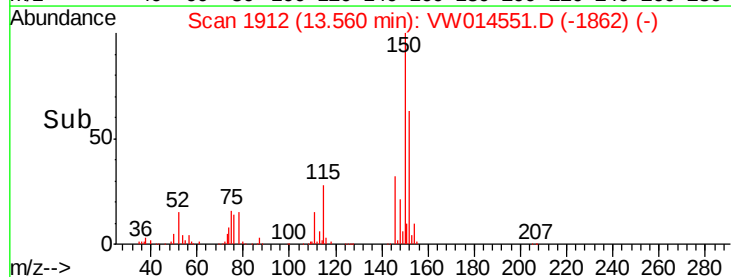
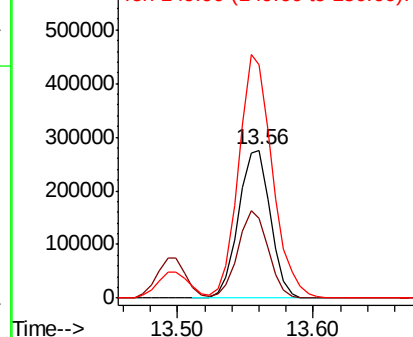


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.01 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

Tgt Ion:152 Resp: 449807
Ion Ratio Lower Upper
152 100
115 56.2 27.7 83.1
150 173.5 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: 52.834 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

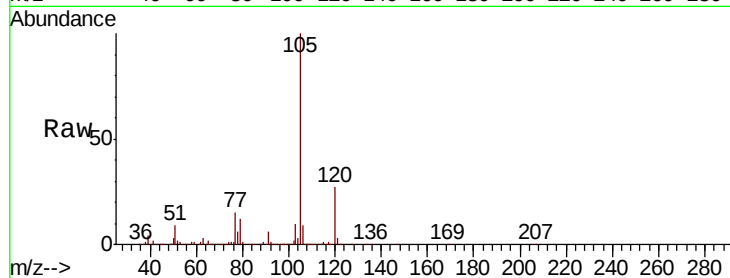
ClientSampleId :

Tot Ion:105 Resp: 1743781

Ion Ratio Lower Upper

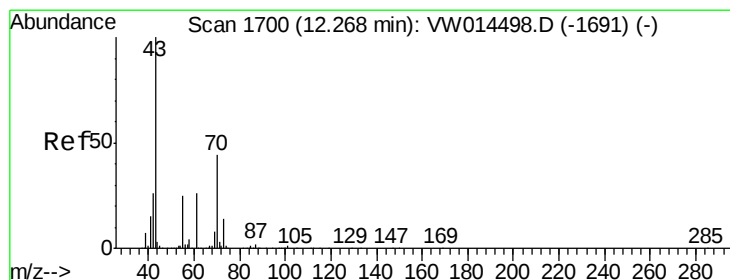
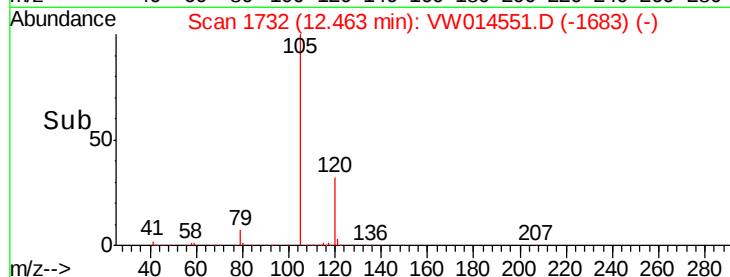
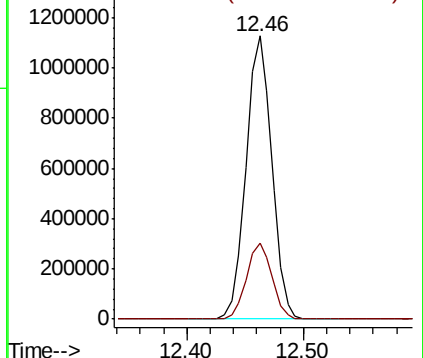
105 100

120 26.7 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: 47.859 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Tgt Ion: 43 Resp: 354172

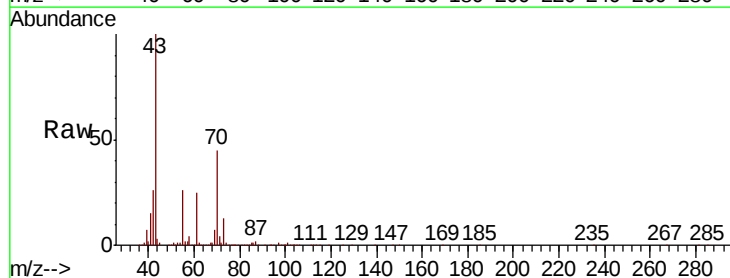
Ion Ratio Lower Upper

43 100

70 46.5 36.5 54.7

55 26.5 20.9 31.3

61 26.0 20.7 31.1

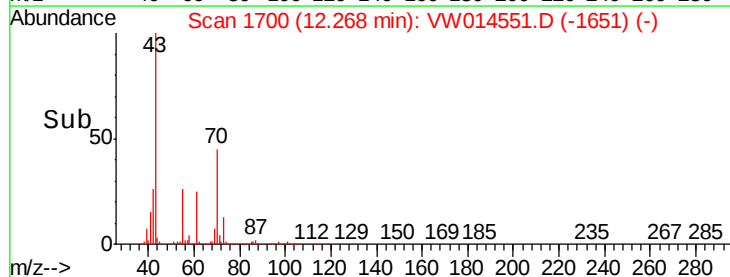
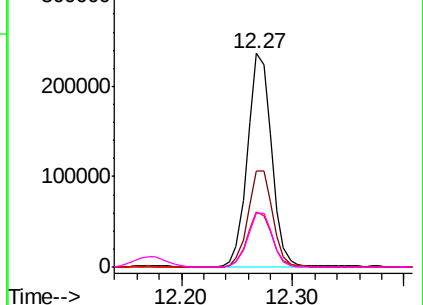


Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 47.874 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

ClientSampled :

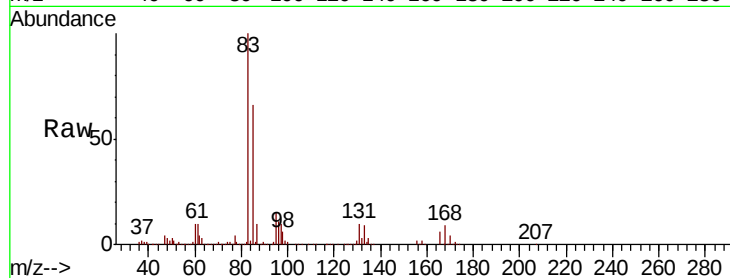
Tot Ion: 83 Resp: 285193

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.4

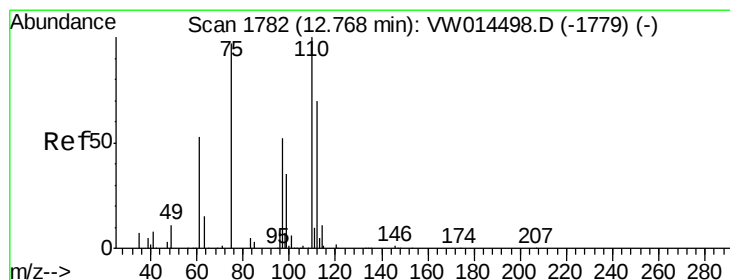
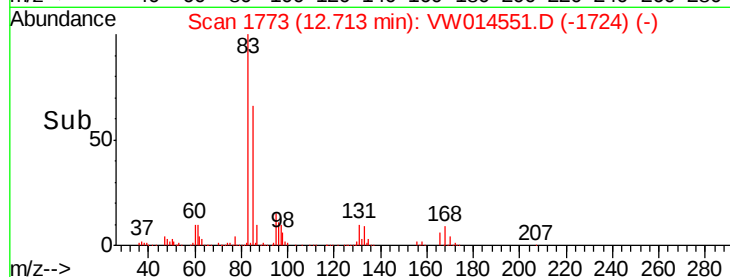
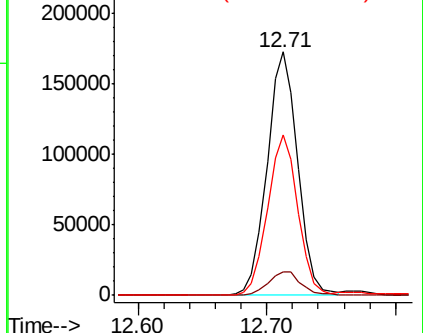
85 65.0 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 86.882 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW014551.D

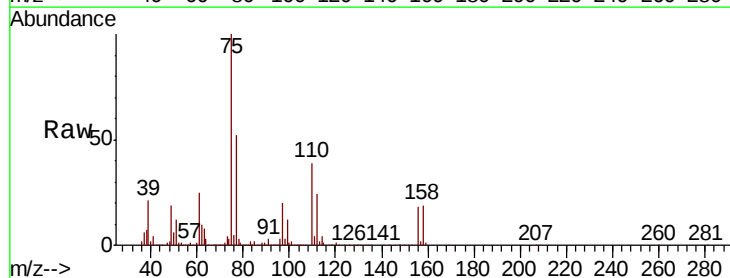
Acq: 08 Jan 2020 09:54

Tgt Ion: 75 Resp: 369495

Ion Ratio Lower Upper

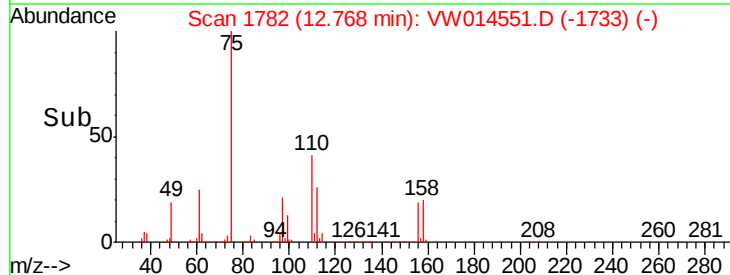
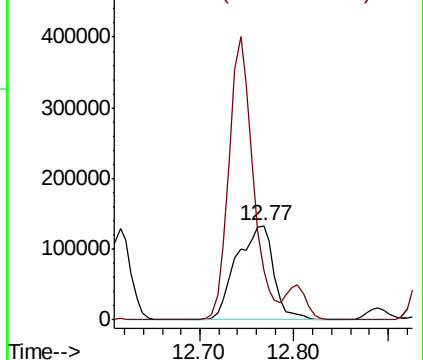
75 100

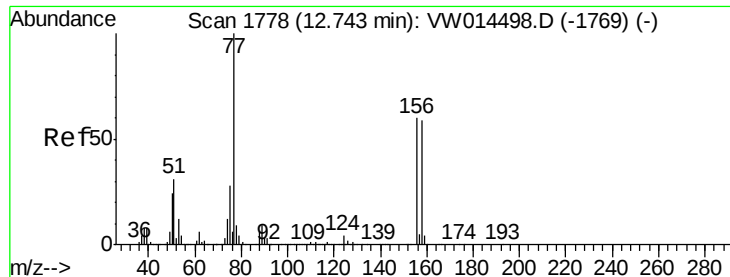
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 52.203 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

ClientSampled :

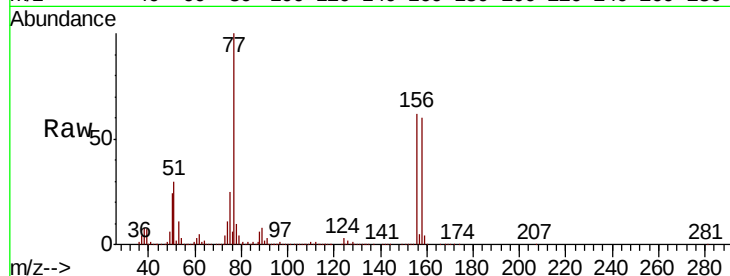
Tot Ion:156 Resp: 400168

Ion Ratio Lower Upper

156 100

77 180.4 92.3 277.1

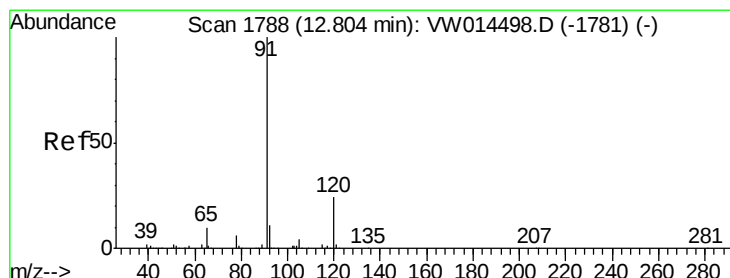
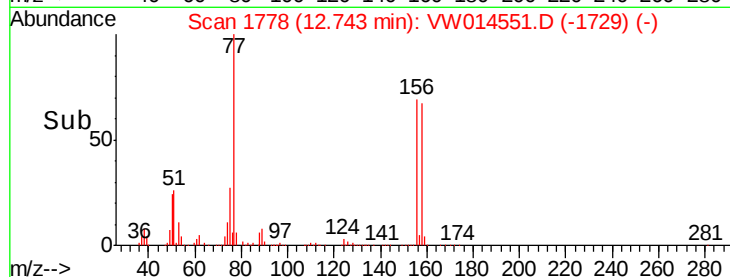
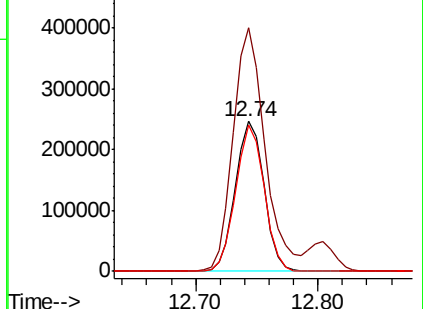
158 96.9 48.6 145.9



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: 53.114 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW014551.D

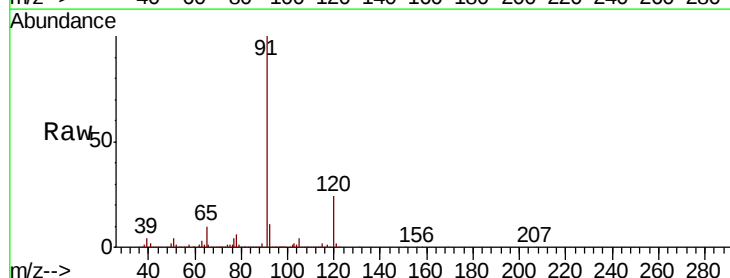
Acq: 08 Jan 2020 09:54

Tgt Ion: 91 Resp: 2061353

Ion Ratio Lower Upper

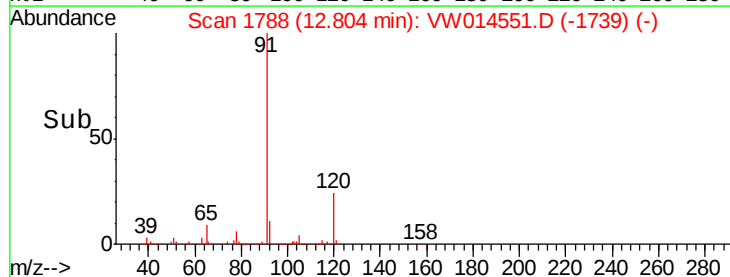
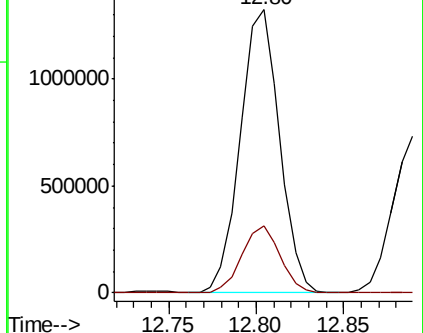
91 100

120 23.1 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: 52.134 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

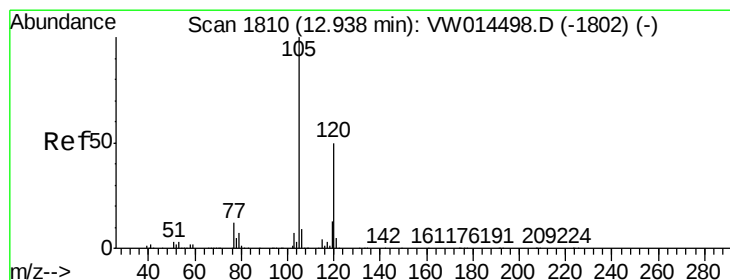
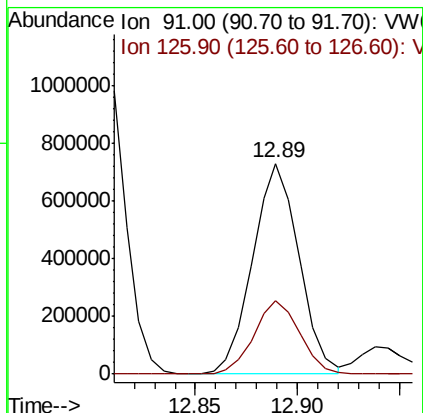
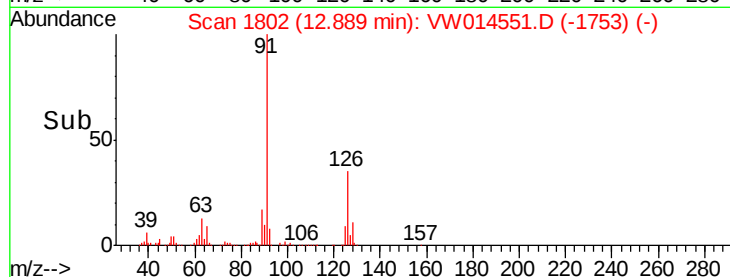
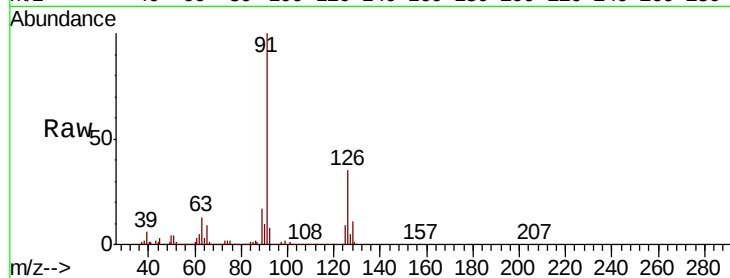
ClientSampled :

Tot Ion: 91 Resp: 1151414

Ion Ratio Lower Upper

91 100

126 34.4 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 52.798 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW014551.D

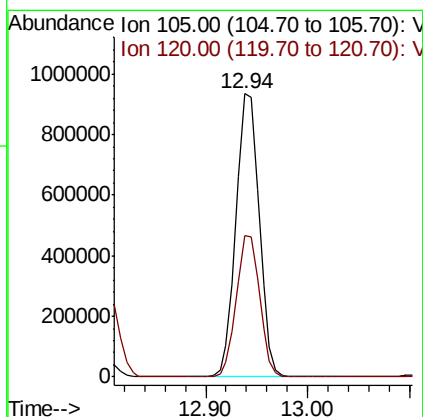
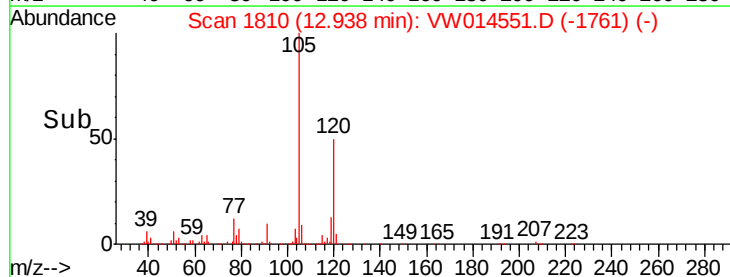
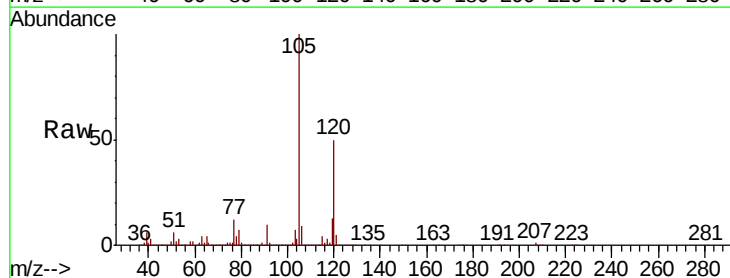
Acq: 08 Jan 2020 09:54

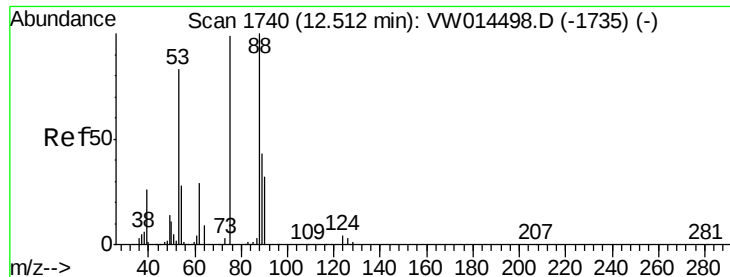
Tgt Ion:105 Resp: 1463121

Ion Ratio Lower Upper

105 100

120 50.1 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 50.625 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

ClientSampleId :

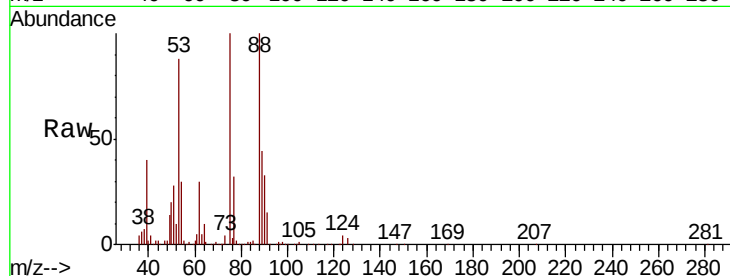
Tot Ion: 75 Resp: 96632

Ion Ratio Lower Upper

75 100

53 90.2 70.9 106.3

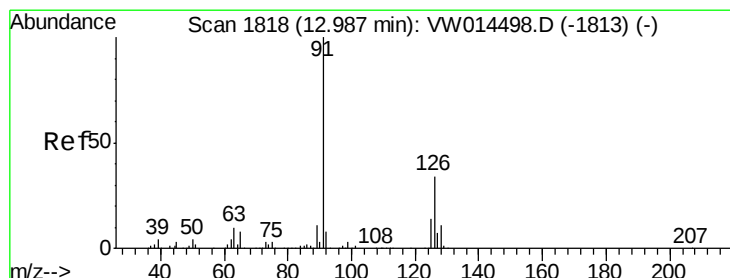
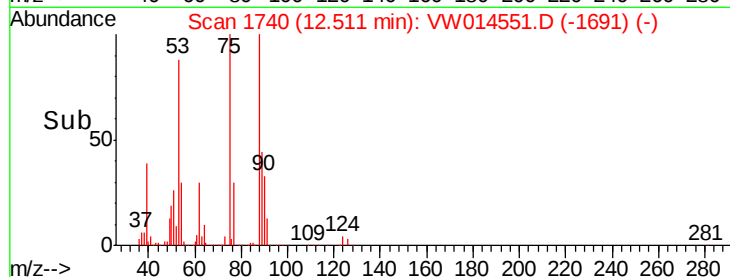
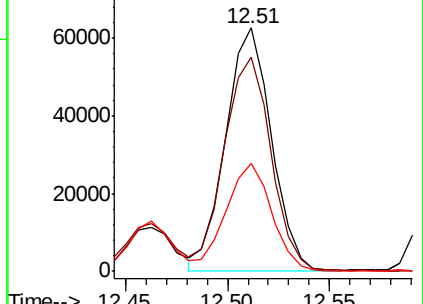
89 44.6 35.8 53.8



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 52.081 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW014551.D

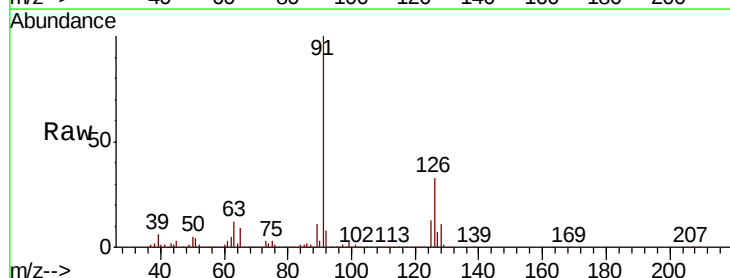
Acq: 08 Jan 2020 09:54

Tgt Ion: 91 Resp: 1195035

Ion Ratio Lower Upper

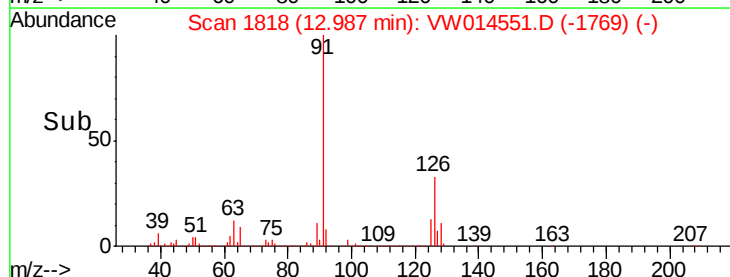
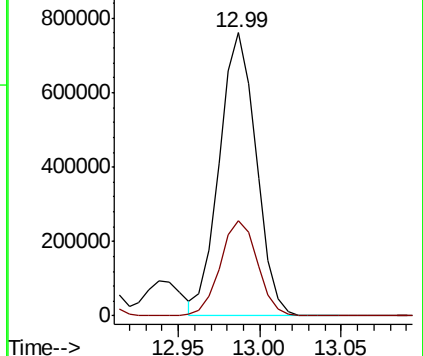
91 100

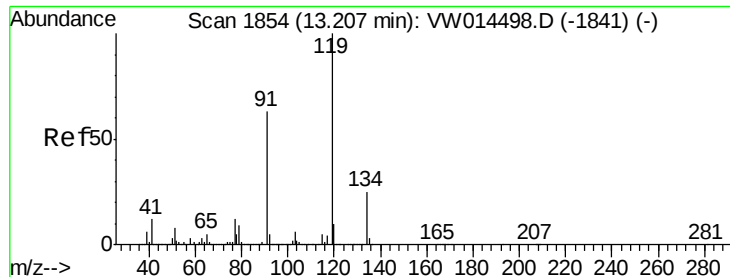
126 33.9 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 52.582 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

ClientSampleId :

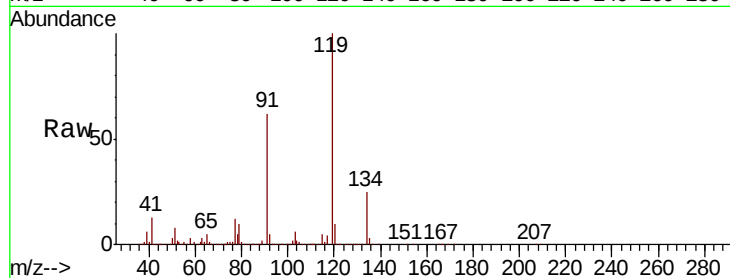
Tot Ion:119 Resp: 1275773

Ion Ratio Lower Upper

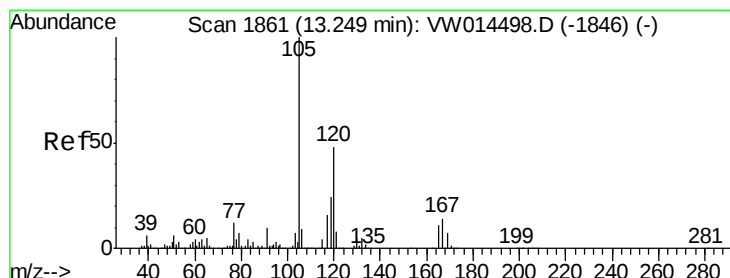
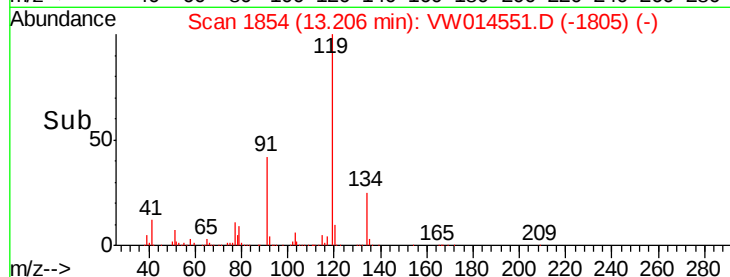
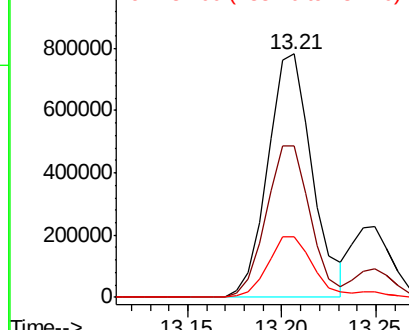
119 100

91 62.1 31.1 93.3

134 26.7 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: 52.455 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VW014551.D

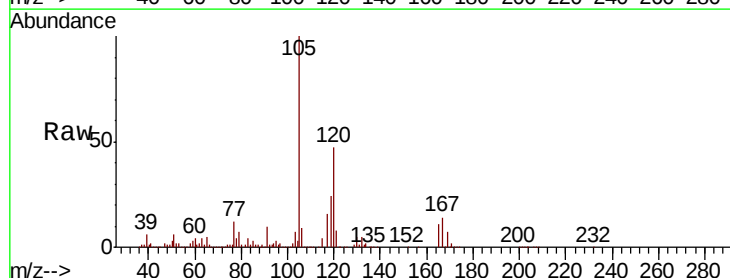
Acq: 08 Jan 2020 09:54

Tgt Ion:105 Resp: 1446557

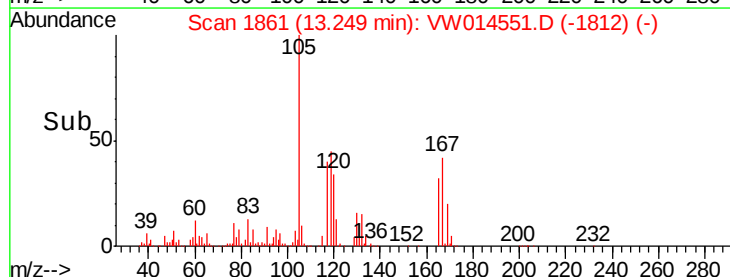
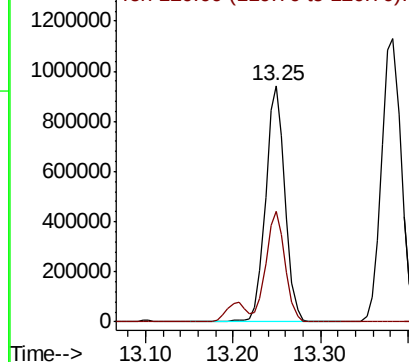
Ion Ratio Lower Upper

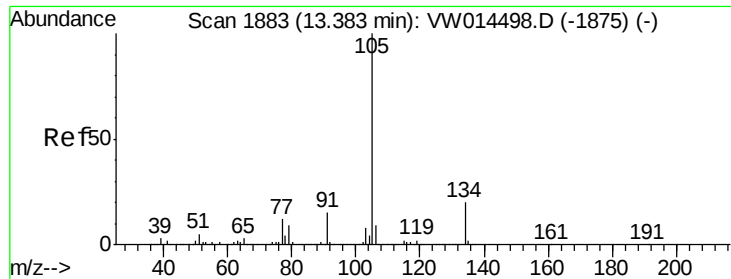
105 100

120 46.4 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: 52.508 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

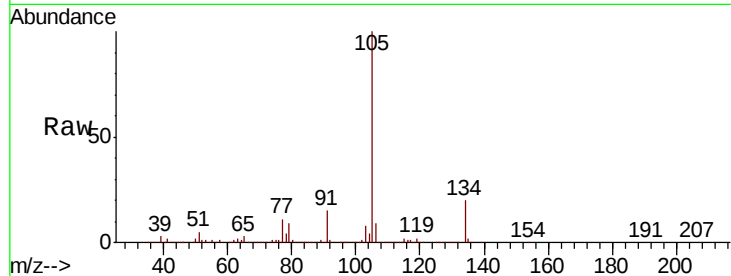
ClientSampleId :

Tot Ion:105 Resp: 1763408

Ion Ratio Lower Upper

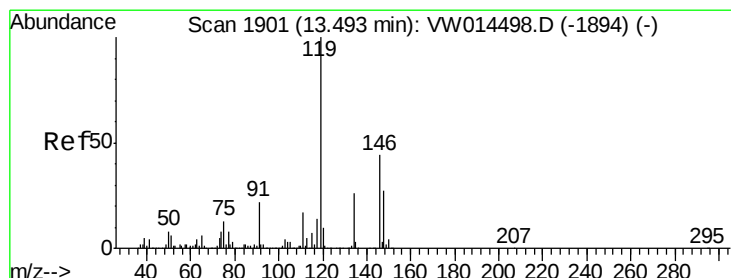
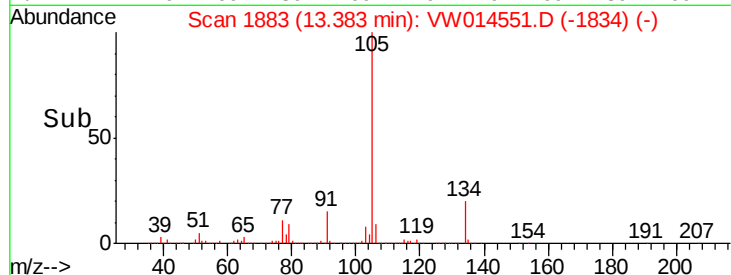
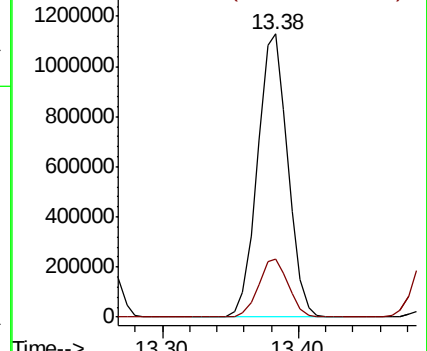
105 100

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: 52.810 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.01 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

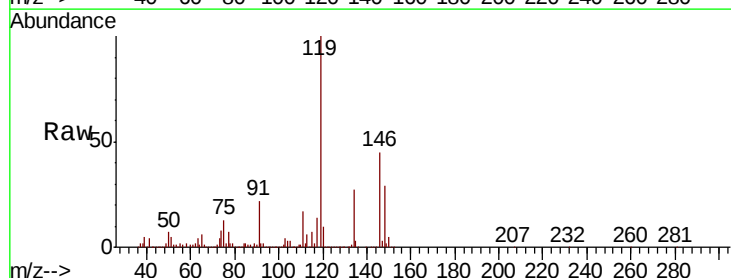
Tgt Ion:119 Resp: 1616570

Ion Ratio Lower Upper

119 100

134 26.1 13.2 39.5

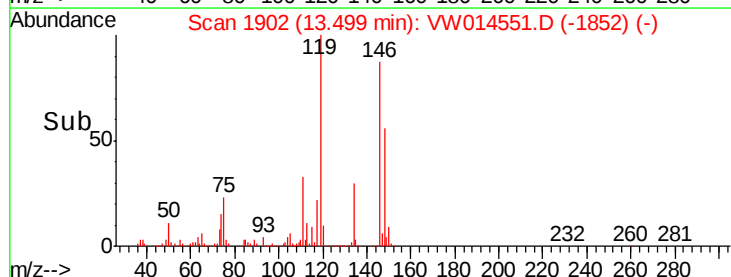
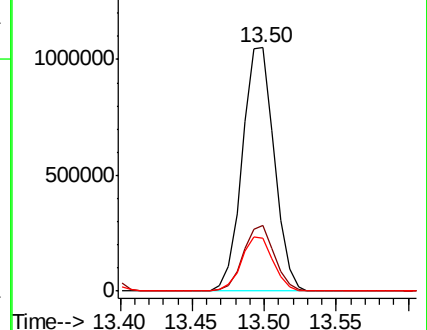
91 22.0 11.1 33.3

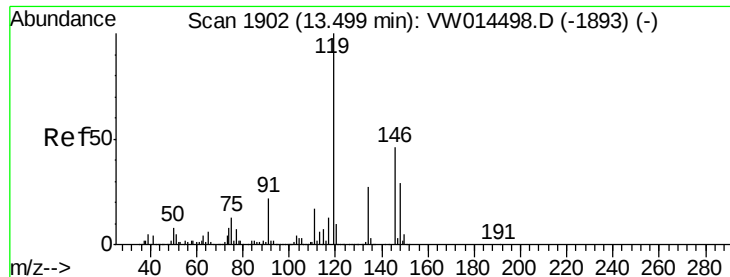


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 51.445 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

ClientSampled :

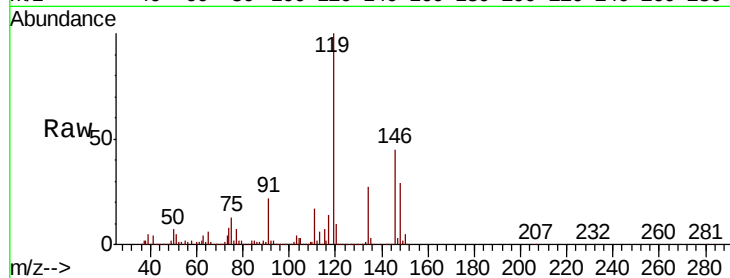
Tot Ion:146 Resp: 766847

Ion Ratio Lower Upper

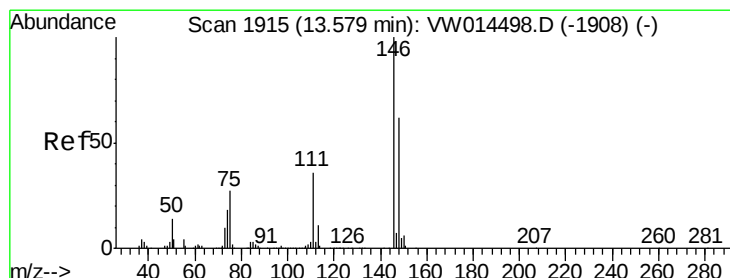
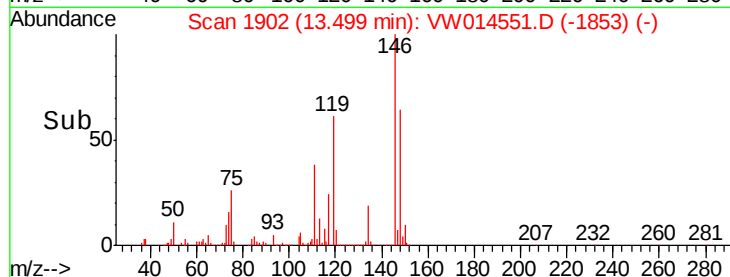
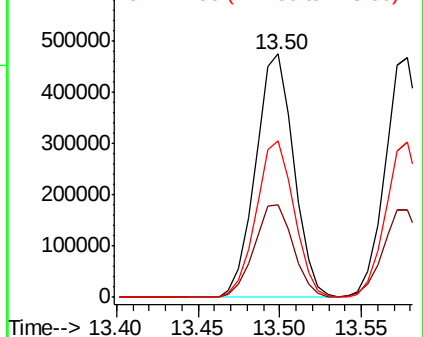
146 100

111 38.8 19.3 57.9

148 64.2 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 51.178 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

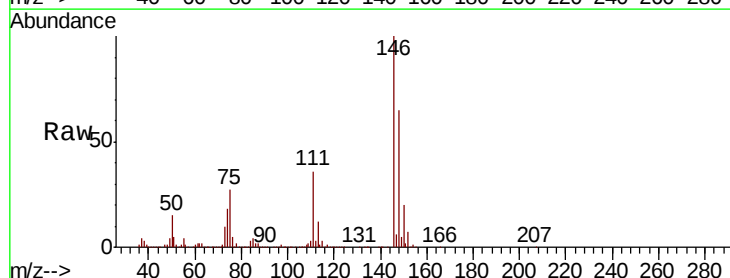
Tgt Ion:146 Resp: 753139

Ion Ratio Lower Upper

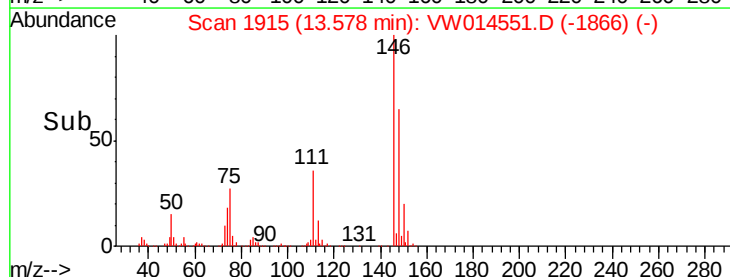
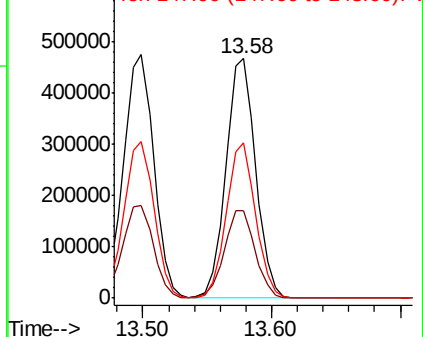
146 100

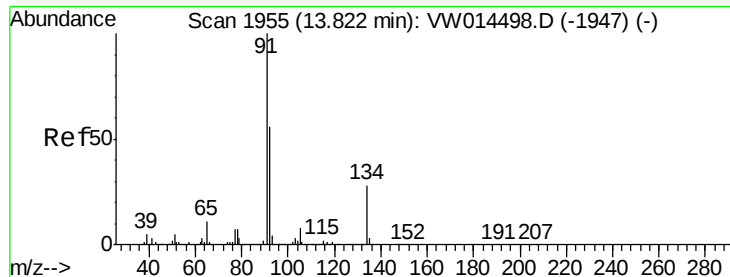
111 37.8 18.7 56.1

148 63.6 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 53.382 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

ClientSampled :

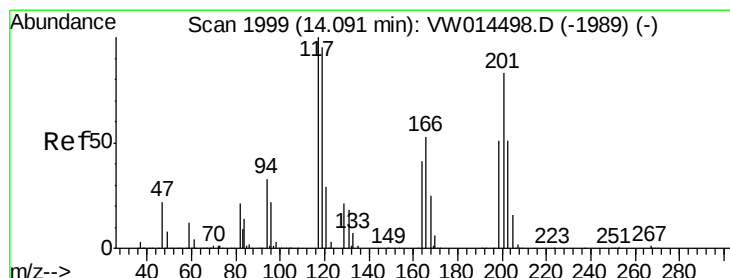
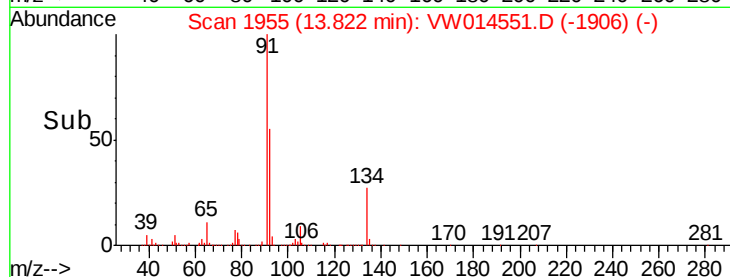
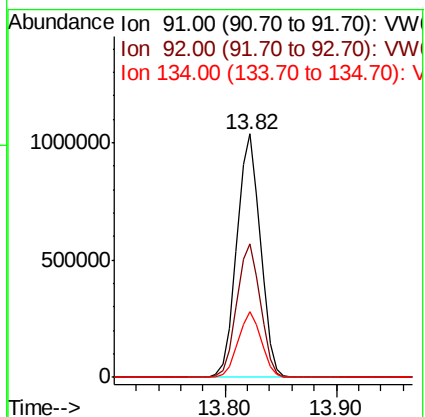
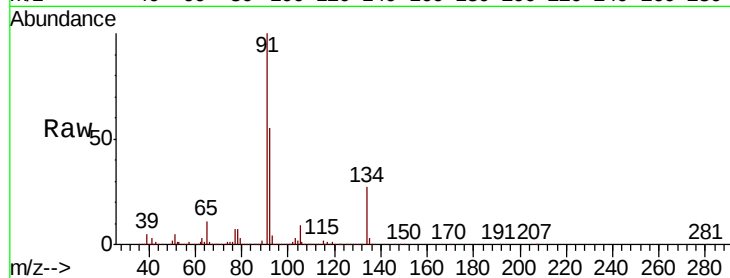
Tot Ion: 91 Resp: 1517468

Ion	Ratio	Lower	Upper
91	100		
92	55.0	27.5	82.5
134	26.7	13.7	41.1

91 100

92 55.0 27.5 82.5

134 26.7 13.7 41.1



#90

Hexachloroethane

Concen: 52.384 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW014551.D

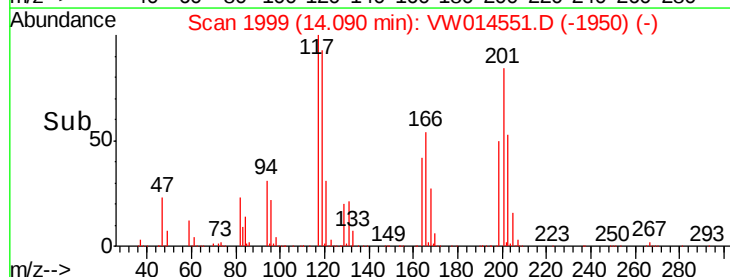
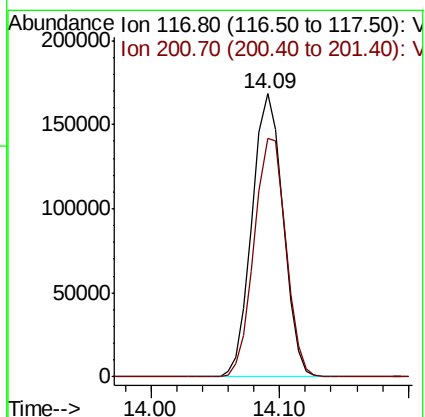
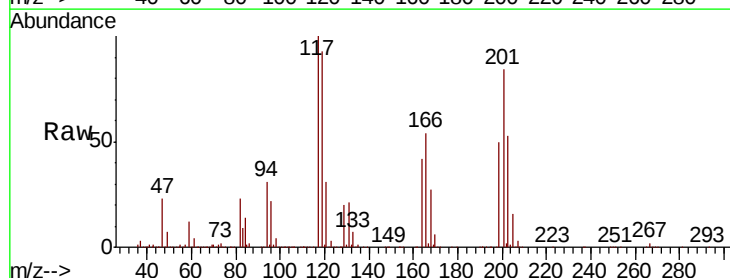
Acq: 08 Jan 2020 09:54

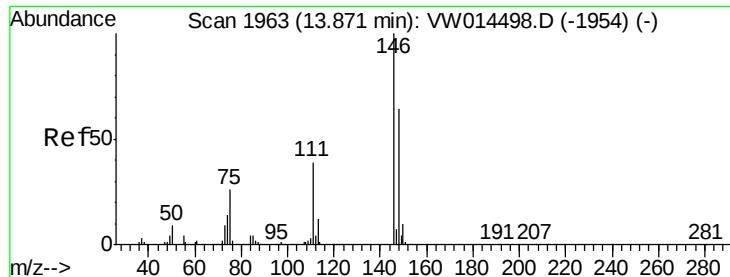
Tgt Ion: 117 Resp: 280126

Ion	Ratio	Lower	Upper
117	100		
201	86.3	43.0	128.8

117 100

201 86.3 43.0 128.8

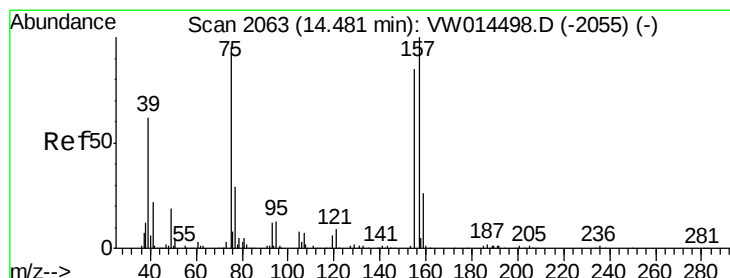
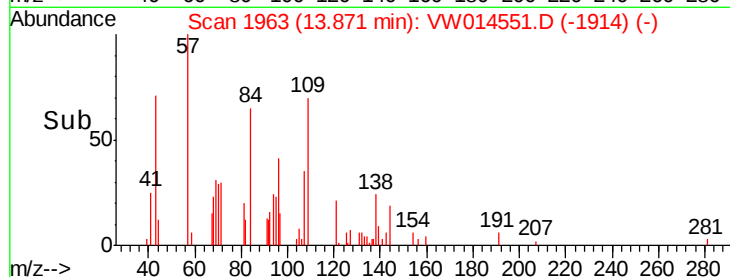
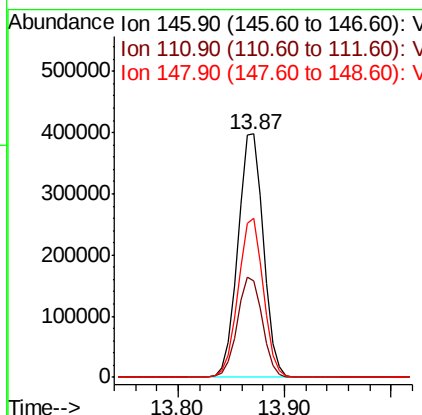
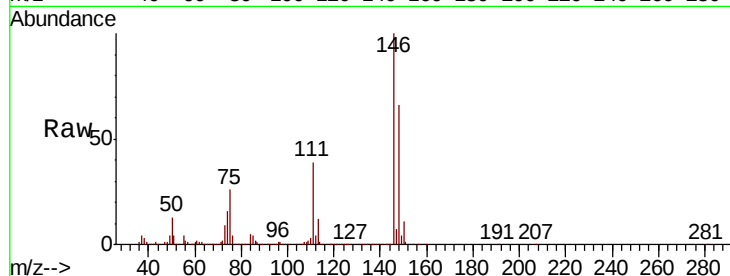




#91
 1,2-Dichlorobenzene
 Concen: 51.146 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW014551.D
 Acq: 08 Jan 2020 09:54

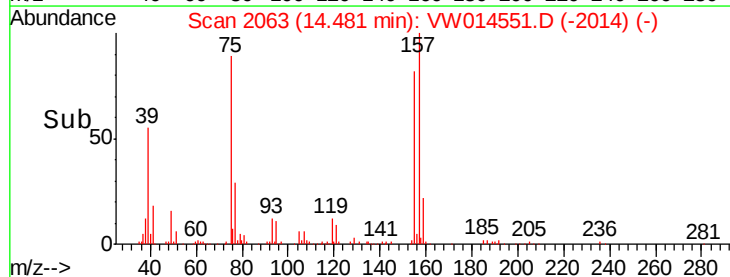
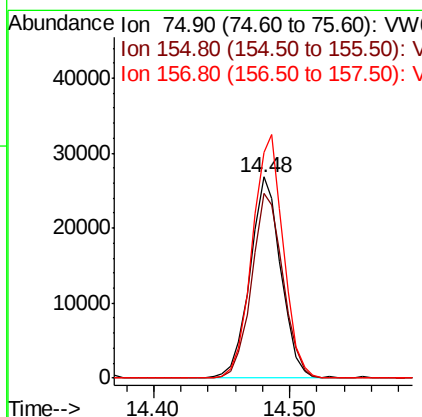
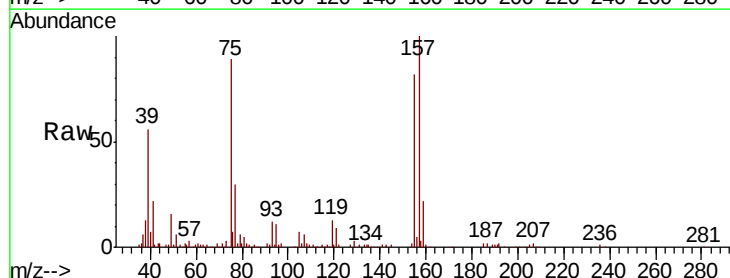
Instrument :
 MSVOA_W
 ClientSampleId :

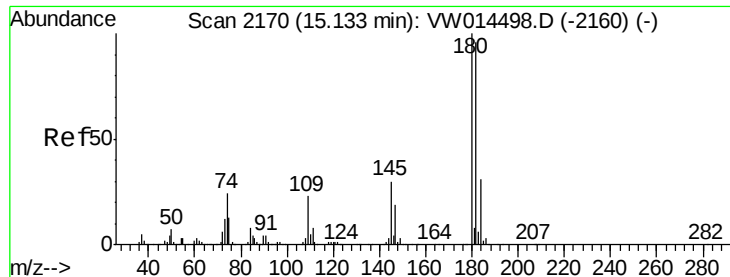
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.4	61.3
148	64.4	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.028 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW014551.D
 Acq: 08 Jan 2020 09:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.3	45.8	137.4
157	121.5	58.1	174.2

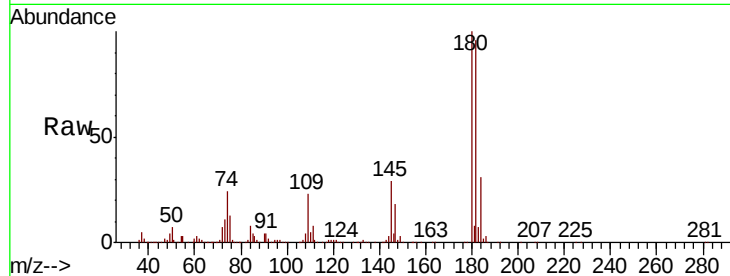




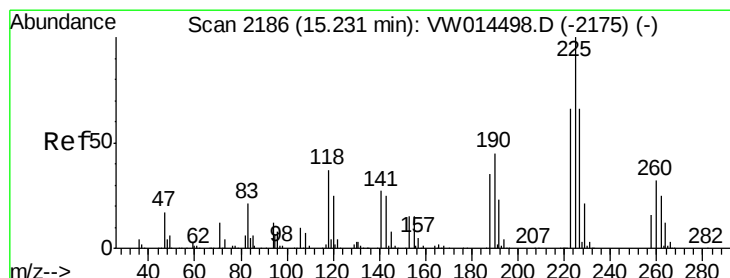
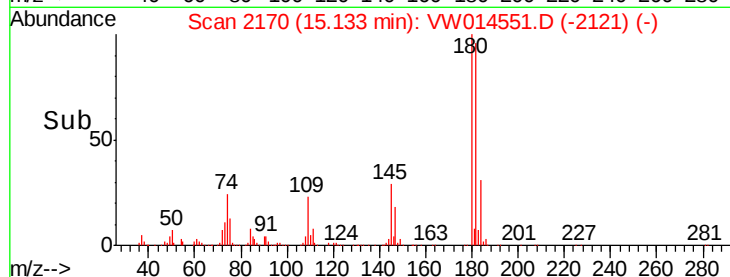
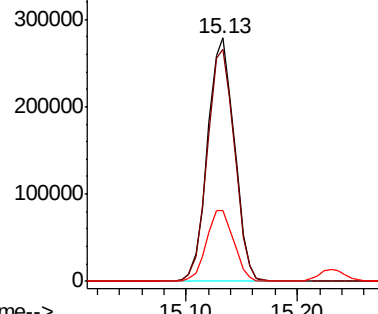
#93
 1,2,4-Trichlorobenzene
 Concen: 52.446 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW014551.D
 Acq: 08 Jan 2020 09:54

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	47.3	141.8
145	29.6	14.7	44.1

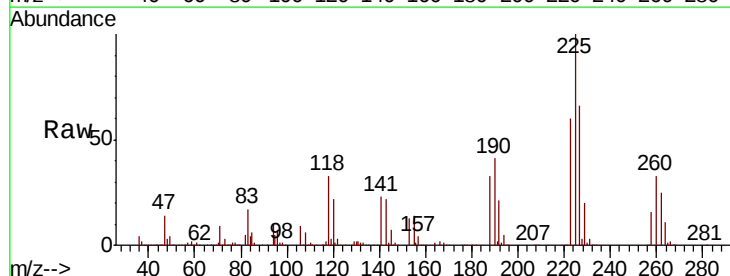


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

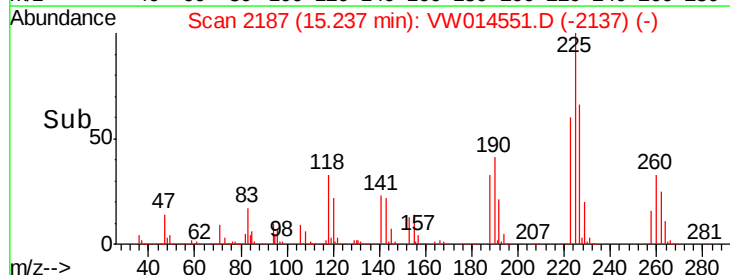
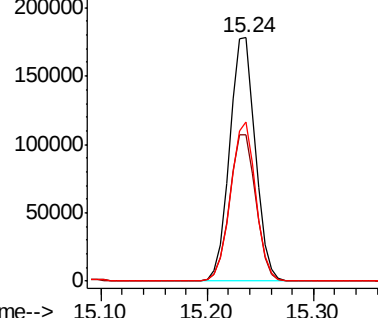


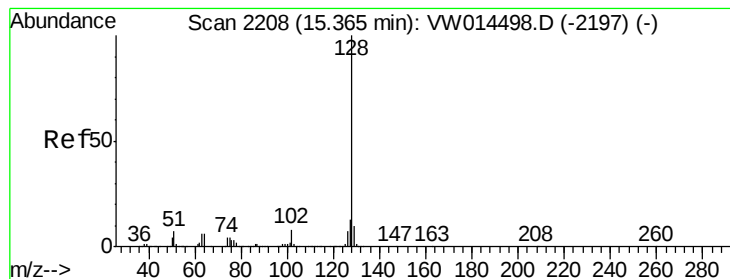
#94
 Hexachlorobutadiene
 Concen: 50.953 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.01 min
 Lab File: VW014551.D
 Acq: 08 Jan 2020 09:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	32.4	97.2
227	63.8	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: 51.804 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

ClientSampleId :

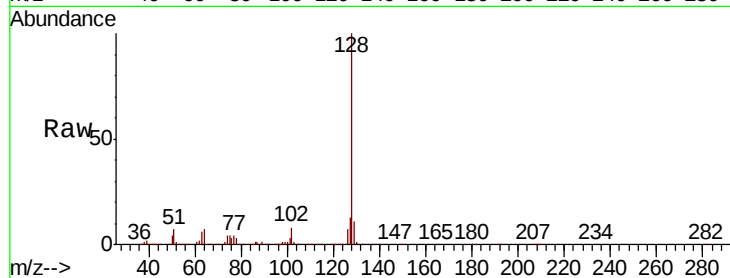
Tot Ion:128 Resp: 781665

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

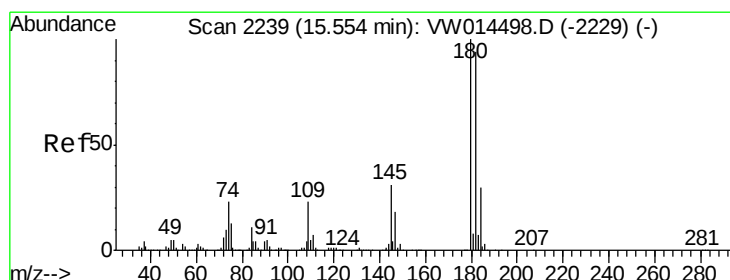
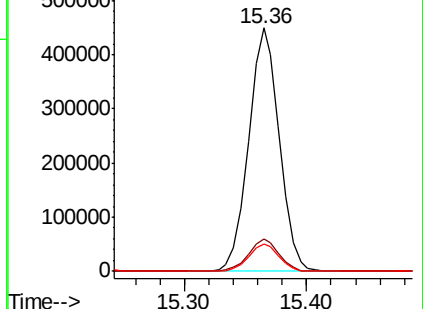
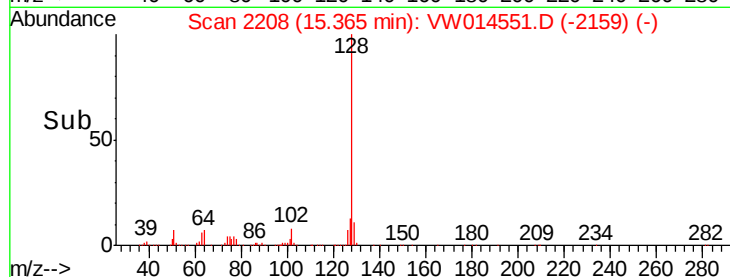
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.675 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

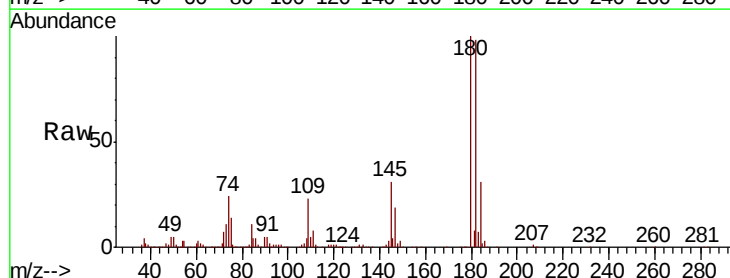
Tgt Ion:180 Resp: 398509

Ion Ratio Lower Upper

180 100

182 97.1 47.4 142.2

145 30.9 15.5 46.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

