

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010920\
 Data File : VW014572.D
 Acq On : 09 Jan 2020 09:55
 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 09 12:48:26 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	659613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	986029	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	834480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	409421	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	269249	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	
35) Dibromofluoromethane	7.88	113	276317	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
50) Toluene-d8	10.32	98	1162274	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
62) 4-Bromofluorobenzene	12.62	95	389027	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	168078	45.130	ug/l	97
3) Chloromethane	2.21	50	218768	47.990	ug/l	96
4) Vinyl Chloride	2.36	62	348623	51.994	ug/l	96
5) Bromomethane	2.77	94	223998	54.080	ug/l	98
6) Chloroethane	2.92	64	206306	53.977	ug/l	99
7) Trichlorofluoromethane	3.25	101	181037	53.965	ug/l	96
8) Diethyl Ether	3.67	74	167772	50.263	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	326884	52.150	ug/l	98
10) Methyl Iodide	4.26	142	500662	52.938	ug/l	100
11) Tert butyl alcohol	5.15	59	100027	222.420	ug/l	98
12) 1,1-Dichloroethene	4.04	96	348666	53.117	ug/l	94
13) Acrolein	3.89	56	141791	281.691	ug/l	98
14) Allyl chloride	4.66	41	539908	53.824	ug/l	99
15) Acrylonitrile	5.35	53	359078	235.349	ug/l	99
16) Acetone	4.11	43	401544	246.583	ug/l	98
17) Carbon Disulfide	4.38	76	1011885	51.146	ug/l	99
18) Methyl Acetate	4.66	43	177290	45.079	ug/l	99
19) Methyl tert-butyl Ether	5.41	73	432238	53.047	ug/l	98
20) Methylene Chloride	4.91	84	345029	52.621	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	366324	52.558	ug/l	99
22) Diisopropyl ether	6.30	45	983347	52.374	ug/l	98
23) Vinyl Acetate	6.24	43	2822073	248.910	ug/l	99
24) 1,1-Dichloroethane	6.21	63	618948	52.261	ug/l	99
25) 2-Butanone	7.16	43	488047	233.536	ug/l	97
26) 2,2-Dichloropropane	7.16	77	345145	52.637	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	387366	52.892	ug/l	100
28) Bromochloromethane	7.50	49	235895	50.805	ug/l	97
29) Tetrahydrofuran	7.52	42	283714	219.143	ug/l	98
30) Chloroform	7.67	83	577294	52.125	ug/l	100
31) Cyclohexane	7.95	56	605893	49.227	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	472057	52.997	ug/l	99
36) 1,1-Dichloropropene	8.07	75	496507	52.232	ug/l	99
37) Ethyl Acetate	7.24	43	198956	46.149	ug/l	97
38) Carbon Tetrachloride	8.06	117	432671	52.465	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010920\
 Data File : VW014572.D
 Acq On : 09 Jan 2020 09:55
 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 09 12:48:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	631647	51.779	ug/l	98
40) Benzene	8.32	78	1410024	52.427	ug/l	100
41) Methacrylonitrile	7.48	41	115197	47.935	ug/l	98
42) 1,2-Dichloroethane	8.40	62	348276	49.900	ug/l	100
43) Isopropyl Acetate	8.42	43	361832	46.219	ug/l	98
44) Trichloroethene	9.09	130	382967	52.622	ug/l	96
45) 1,2-Dichloropropane	9.37	63	346100	52.441	ug/l	97
46) Dibromomethane	9.46	93	159894	49.075	ug/l	99
47) Bromodichloromethane	9.64	83	416755	51.810	ug/l	97
48) Methyl methacrylate	9.43	41	177008	46.310	ug/l	98
49) 1,4-Dioxane	9.44	88	55268	906.950	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	924271	227.350	ug/l	98
52) Toluene	10.38	92	889798	52.588	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	423621	50.864	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	535289	52.588	ug/l	99
55) 1,1,2-Trichloroethane	10.78	97	235982	49.593	ug/l	98
56) Ethyl methacrylate	10.64	69	310747	50.250	ug/l	98
57) 1,3-Dichloropropane	10.93	76	414289	49.538	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	491534	261.347	ug/l	99
59) 2-Hexanone	10.96	43	671632	239.746	ug/l	100
60) Dibromochloromethane	11.13	129	271887	50.641	ug/l	98
61) 1,2-Dibromoethane	11.23	107	223042	49.380	ug/l	100
64) Tetrachloroethene	10.86	164	314096	51.991	ug/l	97
65) Chlorobenzene	11.65	112	909774	53.216	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	309439	53.758	ug/l	99
67) Ethyl Benzene	11.73	91	1662481	53.960	ug/l	98
68) m/p-Xylenes	11.83	106	1281693	108.696	ug/l	98
69) o-Xylene	12.16	106	589036	54.080	ug/l	100
70) Styrene	12.18	104	1011801	54.921	ug/l	99
71) Bromoform	12.35	173	158106	50.357	ug/l #	99
73) Isopropylbenzene	12.46	105	1623996	54.059	ug/l	100
74) N-amyl acetate	12.27	43	325313	48.296	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	260371	48.018	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	332845	85.984	ug/l #	100
77) Bromobenzene	12.74	156	369630	52.976	ug/l	97
78) n-propylbenzene	12.80	91	1918778	54.317	ug/l	100
79) 2-Chlorotoluene	12.89	91	1073501	53.400	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1354548	53.701	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	87359	50.281	ug/l	100
82) 4-Chlorotoluene	12.99	91	1119396	53.596	ug/l	100
83) tert-Butylbenzene	13.20	119	1205062	54.567	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	1350377	53.797	ug/l	99
85) sec-Butylbenzene	13.38	105	1653090	54.079	ug/l	99
86) p-Isopropyltoluene	13.49	119	1521218	54.597	ug/l	99
87) 1,3-Dichlorobenzene	13.49	146	718862	52.982	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	698089	52.116	ug/l	99
89) n-Butylbenzene	13.82	91	1426162	55.119	ug/l	100
90) Hexachloroethane	14.09	117	259334	53.279	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	626838	52.564	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	40413	47.065	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010920\
 Data File : VW014572.D
 Acq On : 09 Jan 2020 09:55
 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 09 12:48:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

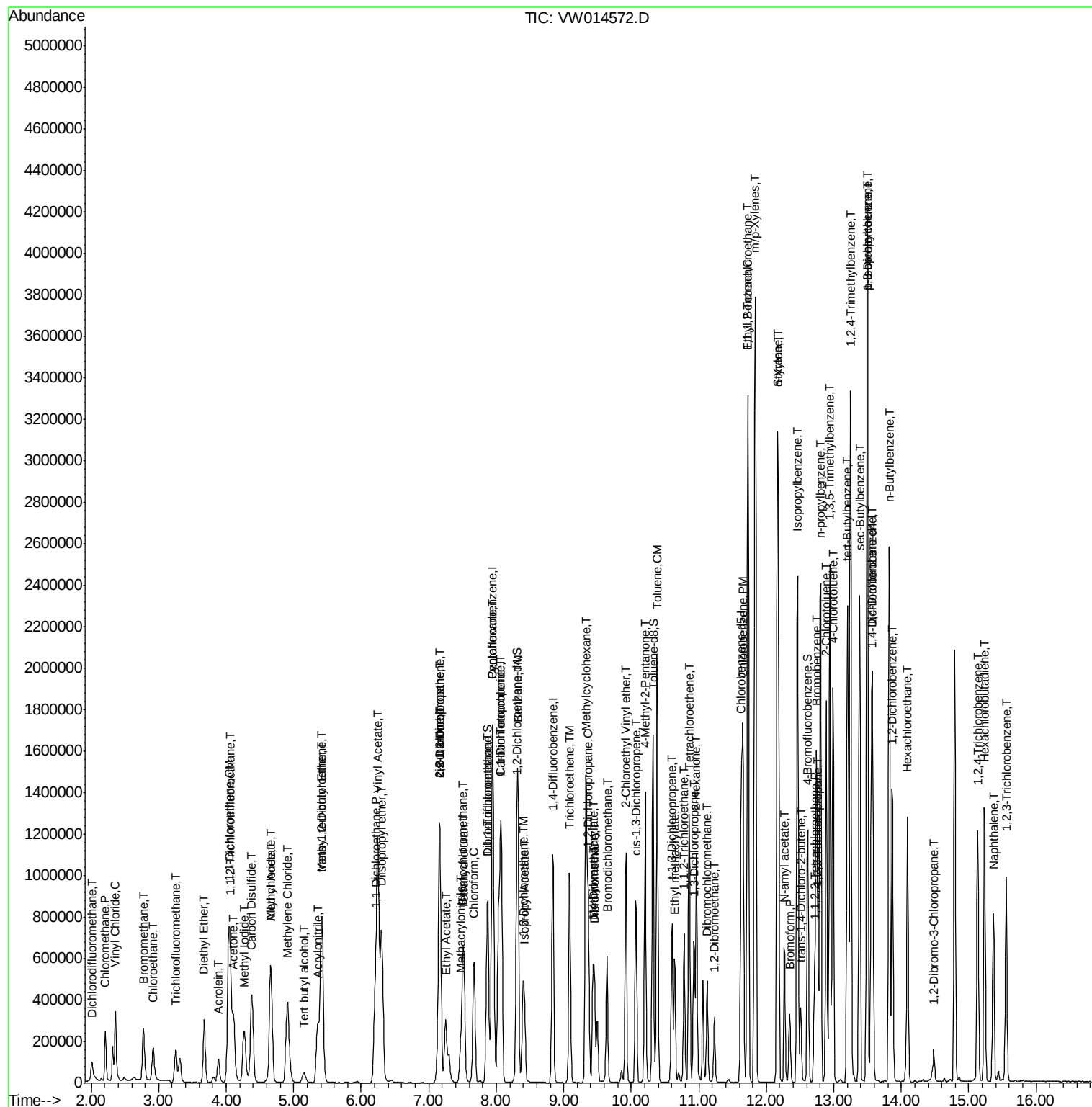
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	435686	54.102	ug/l	98
94) Hexachlorobutadiene	15.23	225	283868	52.600	ug/l	98
95) Naphthalene	15.36	128	706805	51.463	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	367359	52.334	ug/l	100

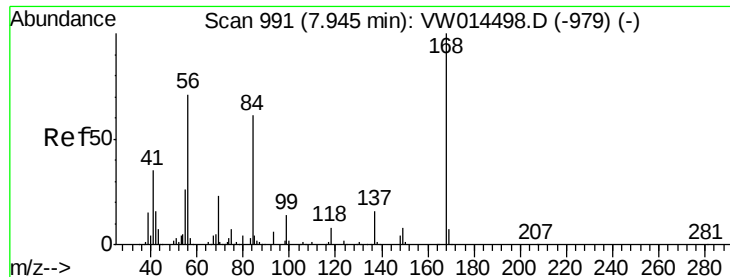
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010920\
Data File : VW014572.D
Acq On : 09 Jan 2020 09:55
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 09 12:48:26 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW014572.D

Acq: 09 Jan 2020 09:55

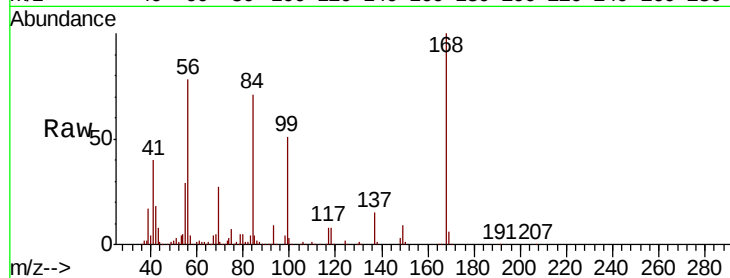
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 659613

Ion Ratio Lower Upper

168 100

99 50.9 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

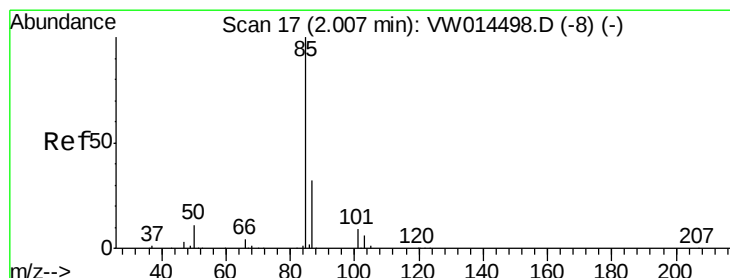
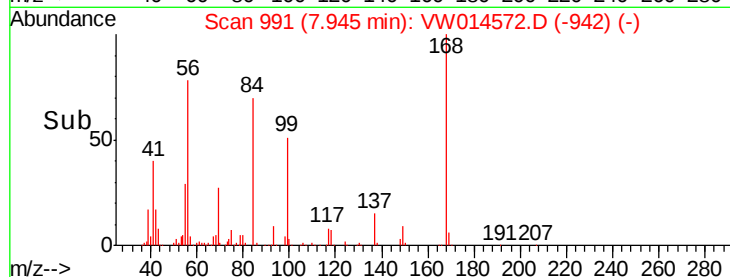
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.130 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW014572.D

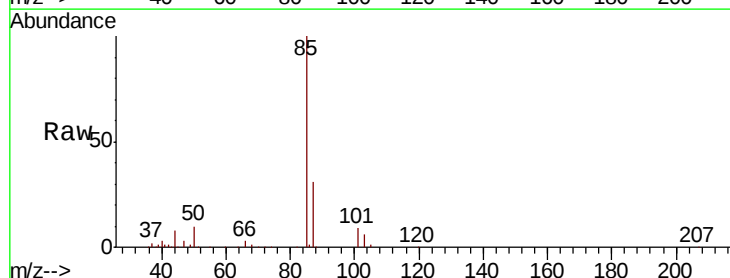
Acq: 09 Jan 2020 09:55

Tgt Ion: 85 Resp: 168078

Ion Ratio Lower Upper

85 100

87 30.8 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

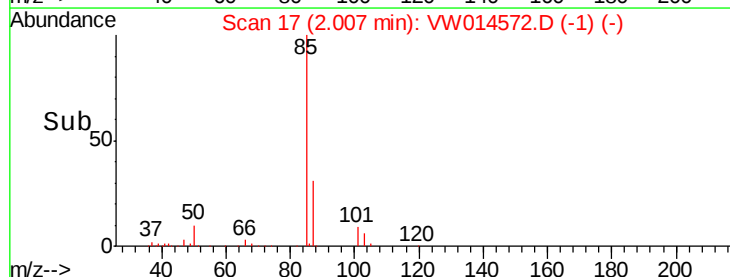
30000

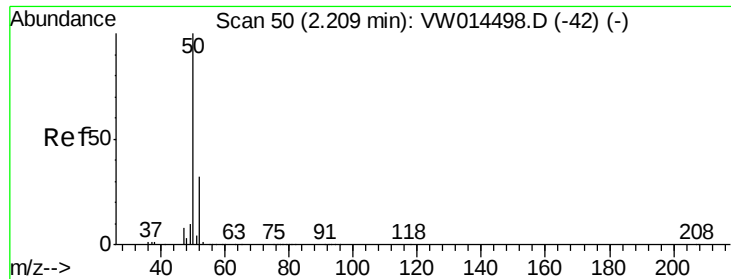
20000

10000

0

Time-->





#3

Chloromethane

Concen: 47.990 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW014572.D

Acq: 09 Jan 2020 09:55

Instrument :

MSVOA_W

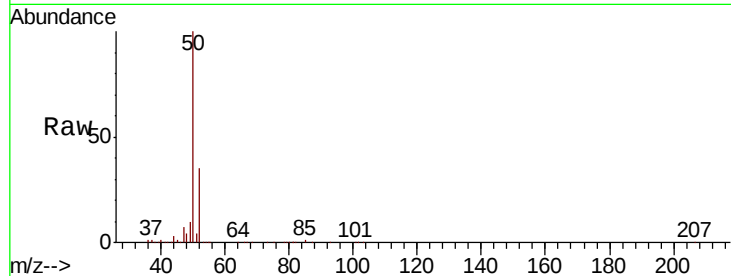
ClientSampleId :

Tot Ion: 50 Resp: 218768

Ion Ratio Lower Upper

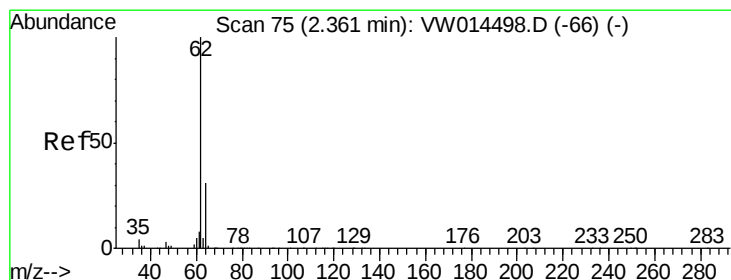
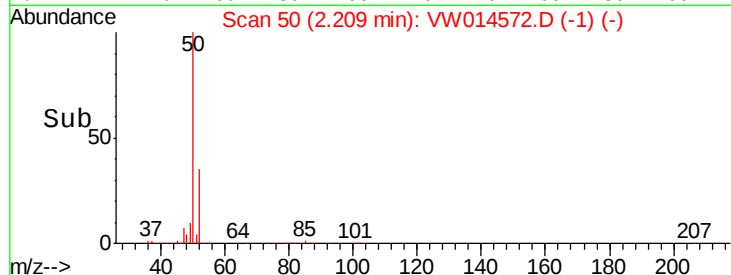
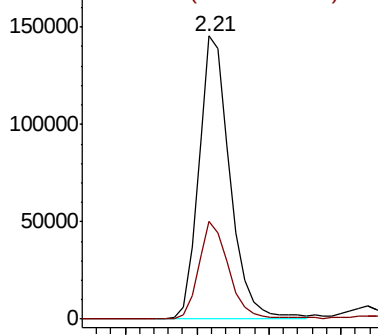
50 100

52 34.6 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 51.994 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW014572.D

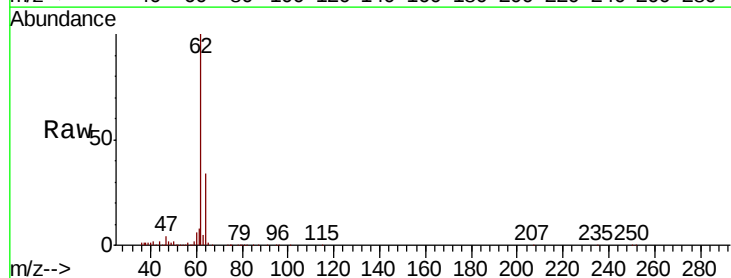
Acq: 09 Jan 2020 09:55

Tgt Ion: 62 Resp: 348623

Ion Ratio Lower Upper

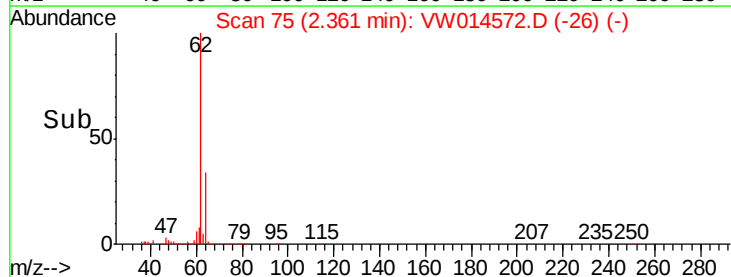
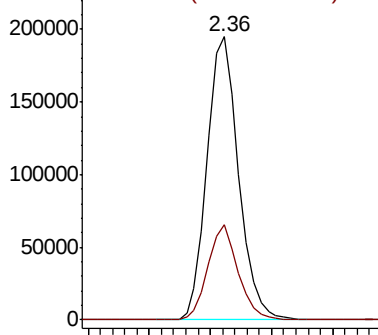
62 100

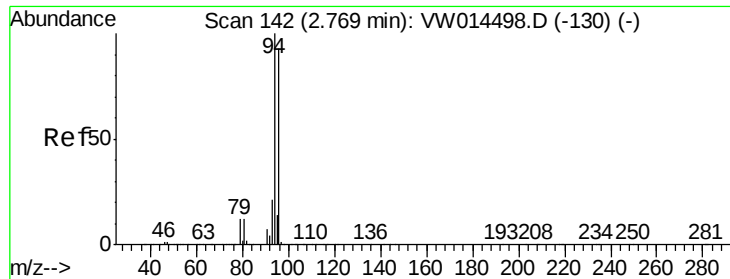
64 33.5 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 54.080 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW014572.D

Acq: 09 Jan 2020 09:55

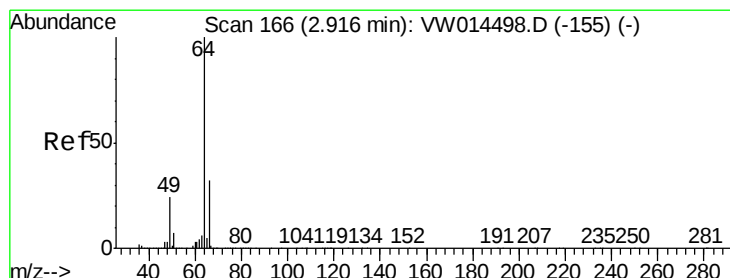
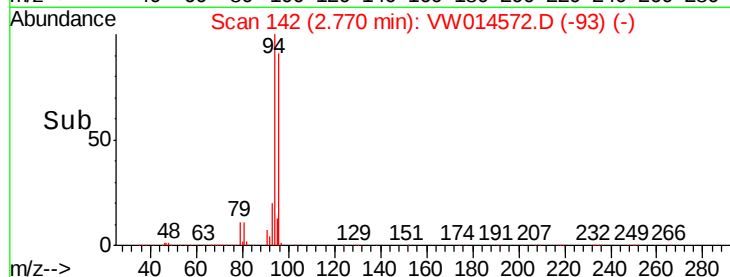
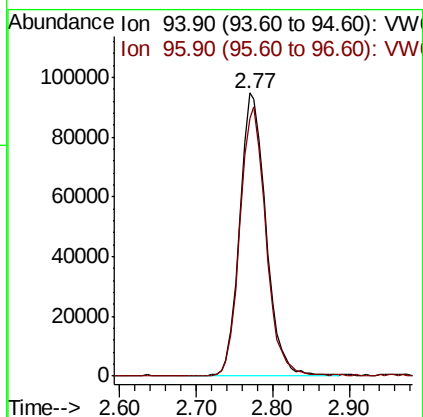
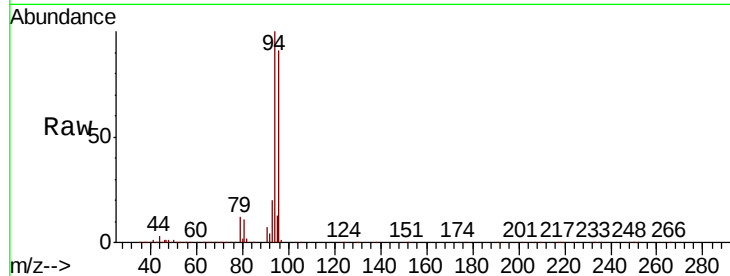
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 94 Resp: 223998

Ion Ratio Lower Upper

94 100

96 91.1 74.2 111.2



#6

Chloroethane

Concen: 53.977 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW014572.D

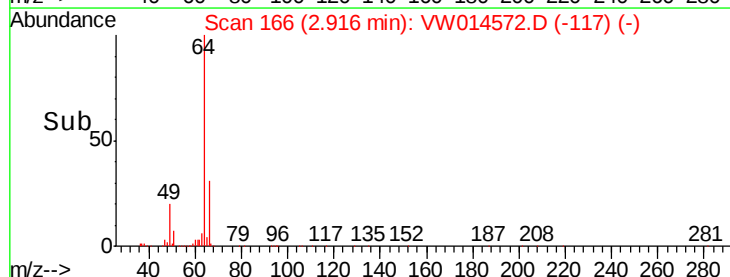
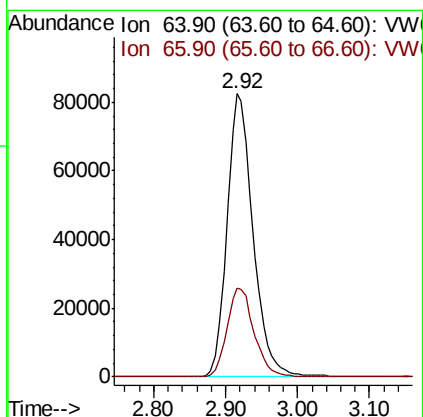
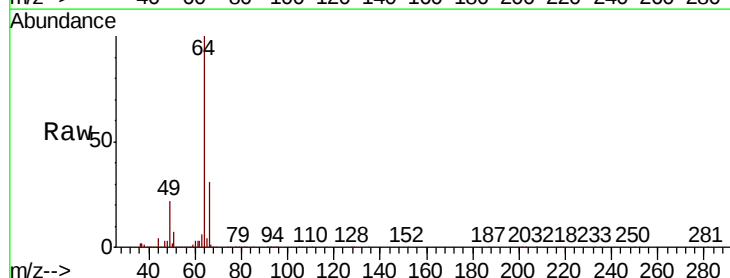
Acq: 09 Jan 2020 09:55

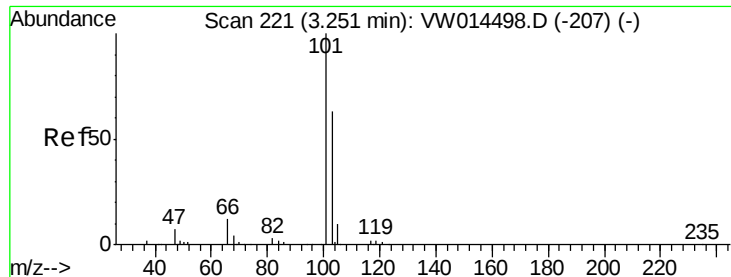
Tgt Ion: 64 Resp: 206306

Ion Ratio Lower Upper

64 100

66 31.4 25.7 38.5



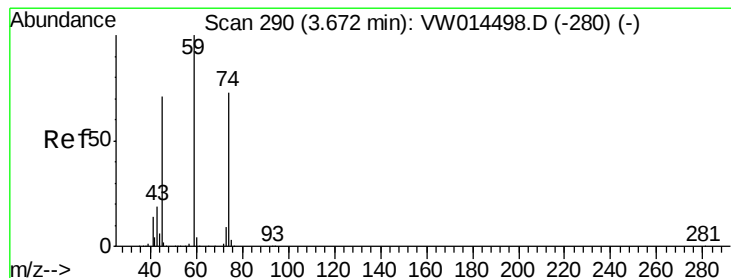
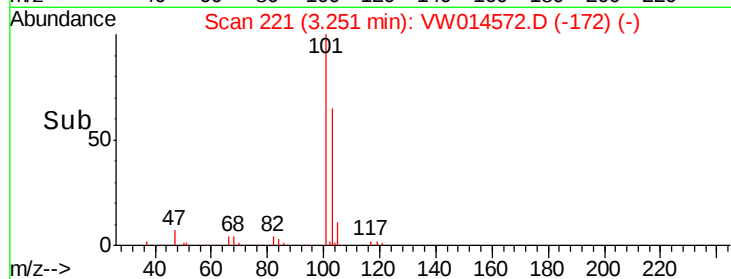
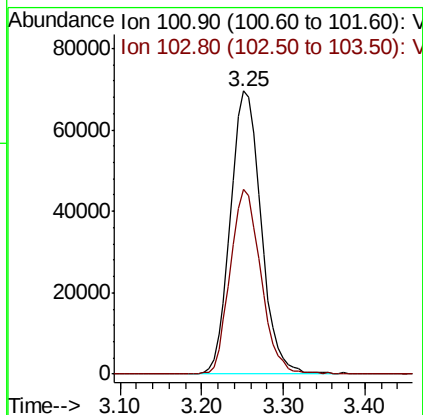
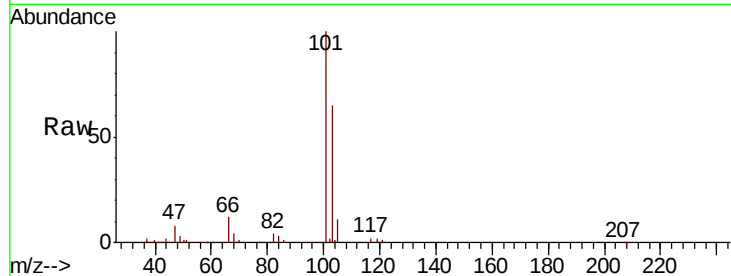


#7

Trichlorofluoromethane
Concen: 53.965 ug/l
RT: 3.25 min Scan# 221
Delta R.T. 0.00 min
Lab File: VW014572.D
Acq: 09 Jan 2020 09:55

Instrument :
MSVOA_W
ClientSampleId :

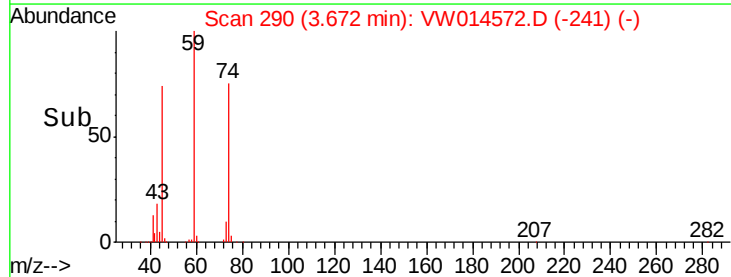
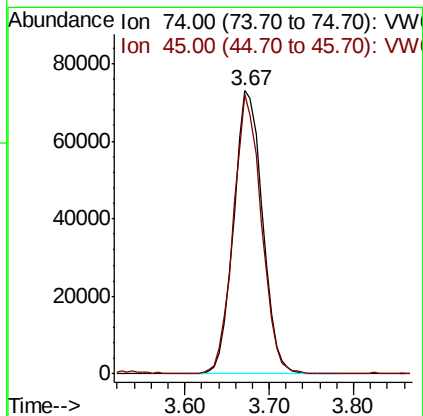
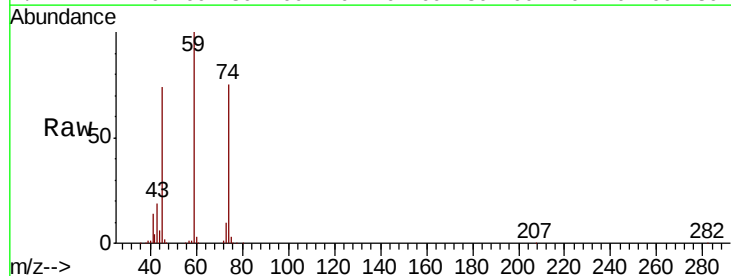
Tot Ion:101 Resp: 181037
Ion Ratio Lower Upper
101 100
103 65.5 50.1 75.1

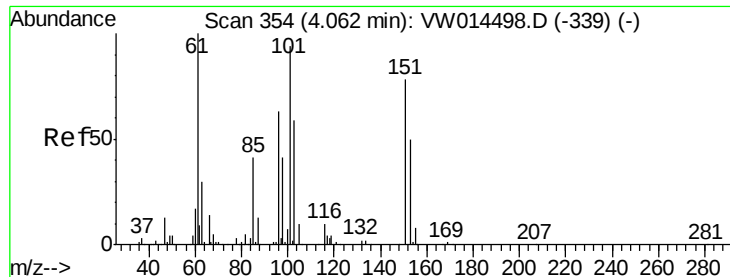


#8

Diethyl Ether
Concen: 50.263 ug/l
RT: 3.67 min Scan# 290
Delta R.T. 0.00 min
Lab File: VW014572.D
Acq: 09 Jan 2020 09:55

Tgt Ion: 74 Resp: 167772
Ion Ratio Lower Upper
74 100
45 95.7 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.150 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW014572.D

Acq: 09 Jan 2020 09:55

Instrument :

MSVOA_W

ClientSampled :

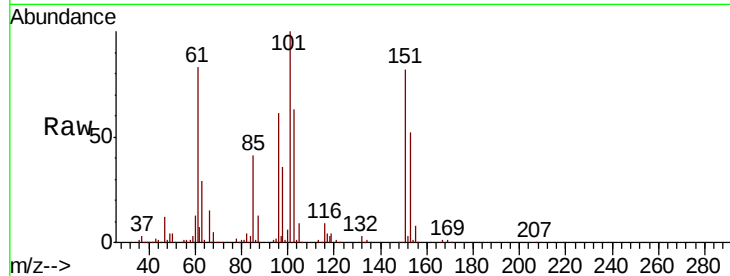
Tot Ion:101 Resp: 326884

Ion Ratio Lower Upper

101 100

85 41.1 33.7 50.5

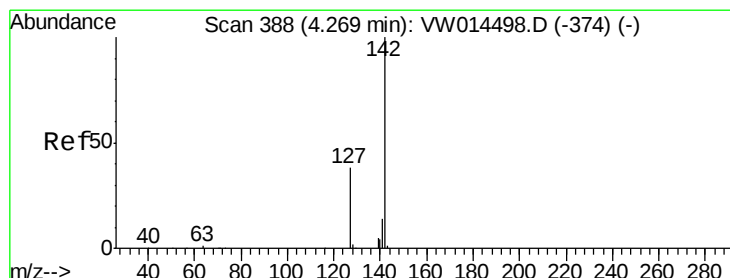
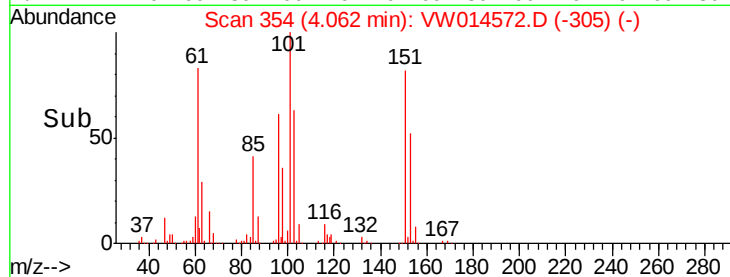
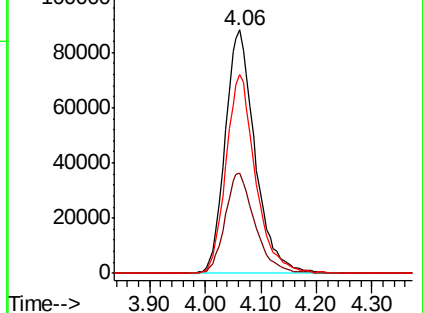
151 80.8 63.5 95.3



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: 52.938 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW014572.D

Acq: 09 Jan 2020 09:55

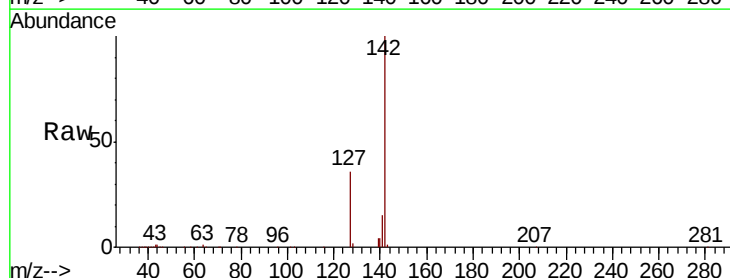
Tgt Ion:142 Resp: 500662

Ion Ratio Lower Upper

142 100

127 37.9 30.2 45.4

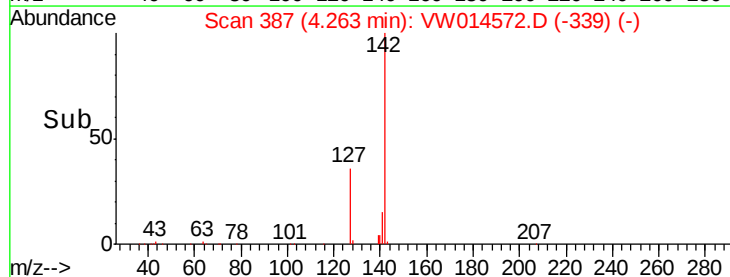
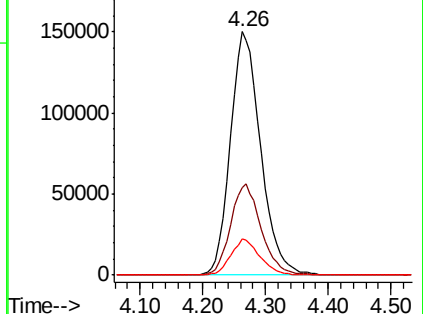
141 14.4 11.4 17.2

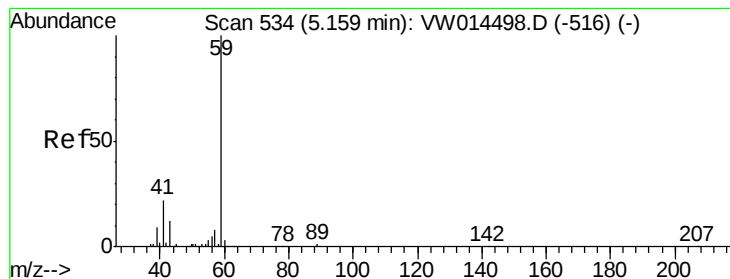


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



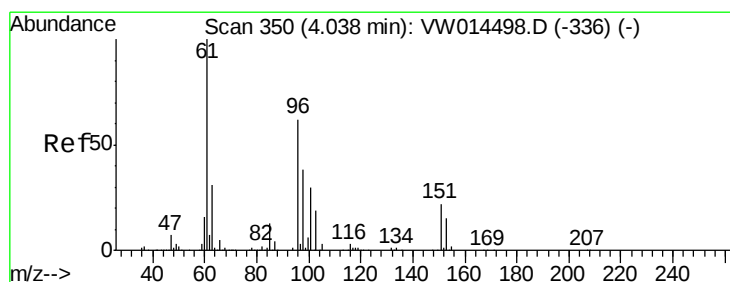
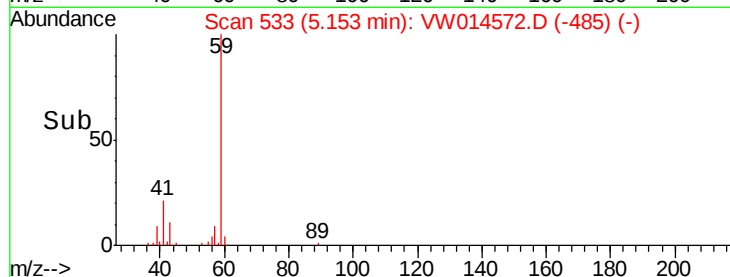
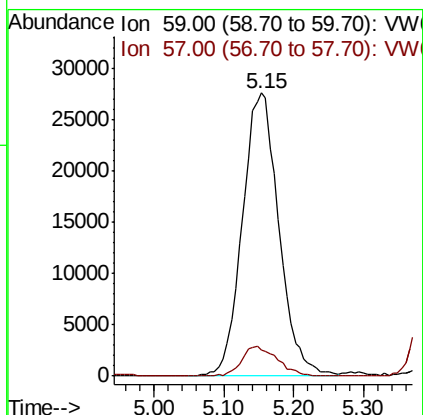
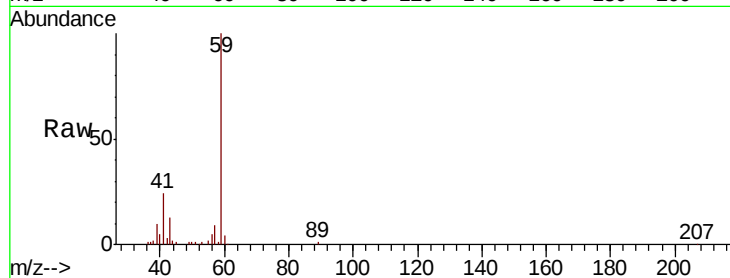


#11

Tert butyl alcohol
 Concen: 222.420 ug/l
 RT: 5.15 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: VW014572.D
 Acq: 09 Jan 2020 09:55

Instrument :
 MSVOA_W
 ClientSampleId :

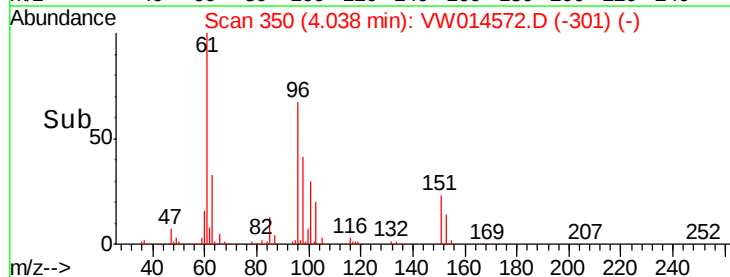
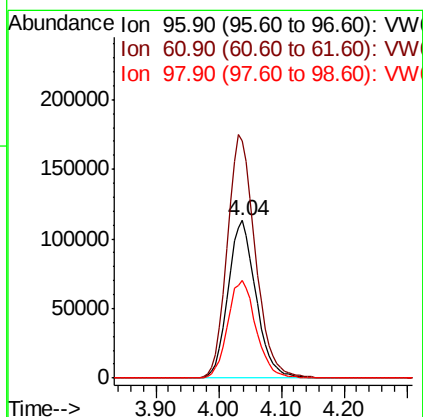
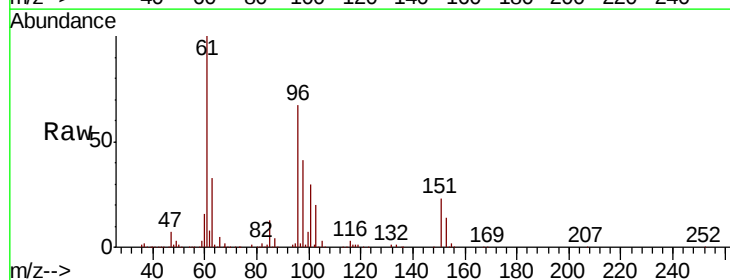
Tot Ion: 59 Resp: 100027
 Ion Ratio Lower Upper
 59 100
 57 10.5 7.8 11.8

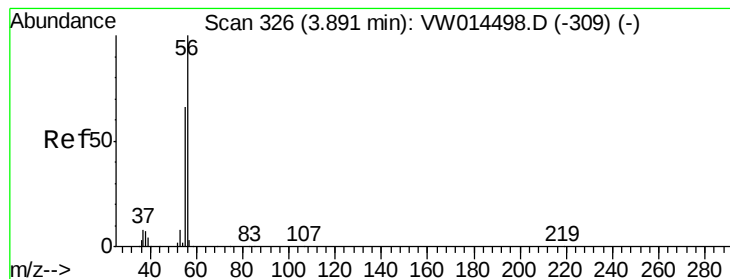


#12

1,1-Dichloroethene
 Concen: 53.117 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW014572.D
 Acq: 09 Jan 2020 09:55

Tgt Ion: 96 Resp: 348666
 Ion Ratio Lower Upper
 96 100
 61 150.2 128.4 192.6
 98 61.7 49.1 73.7





#13

Acrolein

Concen: 281.691 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW014572.D

Acq: 09 Jan 2020 09:55

Instrument :

MSVOA_W

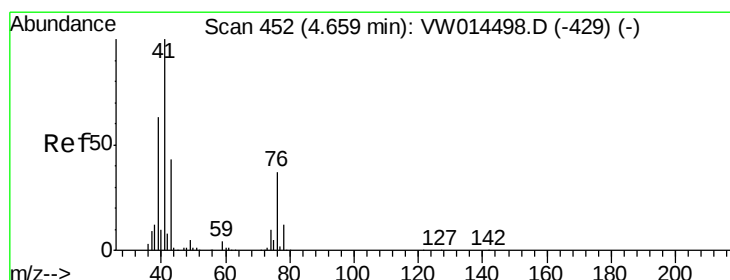
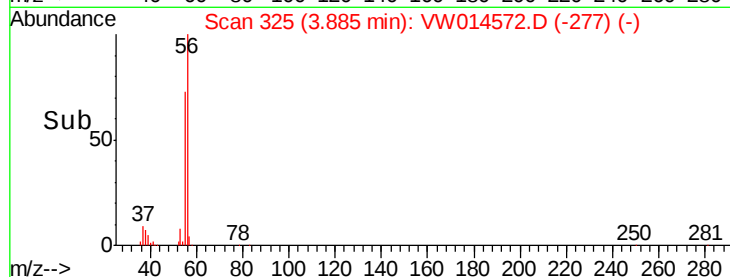
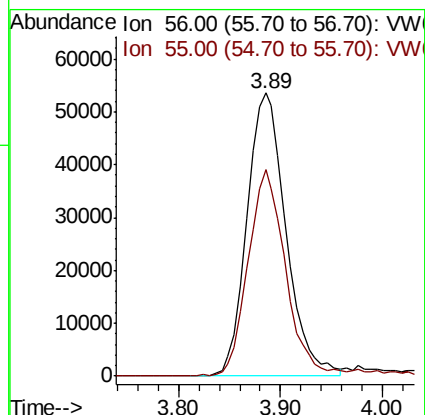
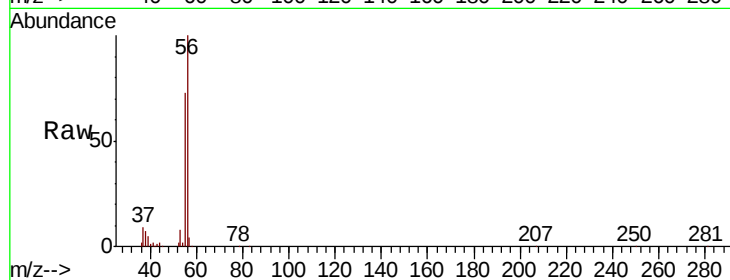
ClientSampled :

Tot Ion: 56 Resp: 141791

Ion Ratio Lower Upper

56 100

55 69.6 56.7 85.1



#14

Allyl chloride

Concen: 53.824 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW014572.D

Acq: 09 Jan 2020 09:55

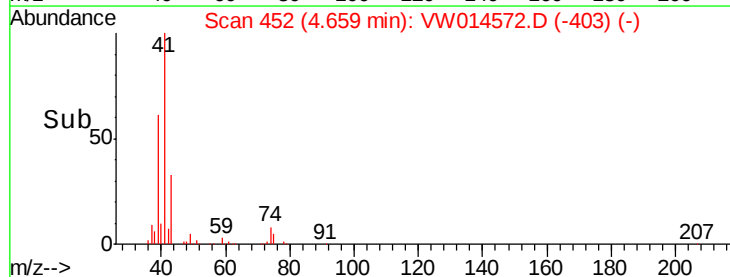
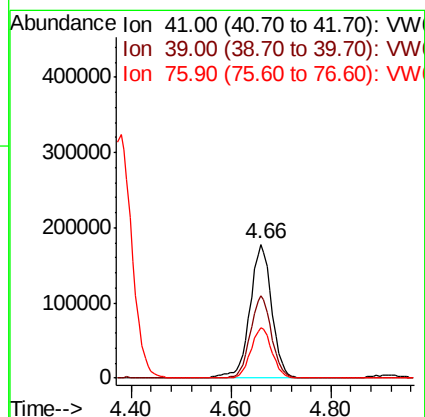
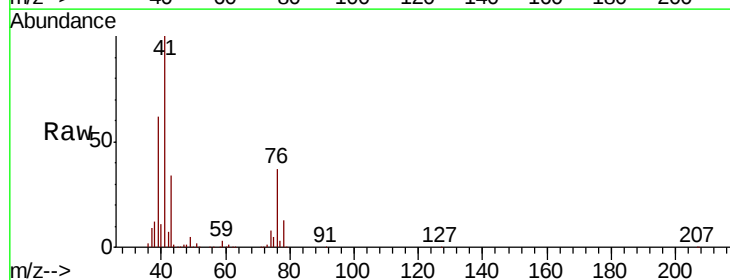
Tgt Ion: 41 Resp: 539908

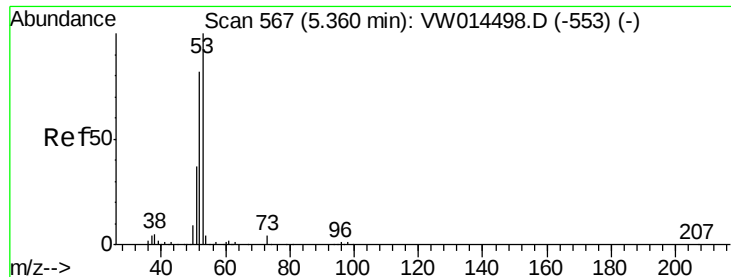
Ion Ratio Lower Upper

41 100

39 60.1 48.5 72.7

76 36.1 28.1 42.1





#15

Acrylonitrile

Concen: 235.349 ug/l

RT: 5.35 min Scan# 566

Delta R.T. -0.01 min

Lab File: VW014572.D

Acq: 09 Jan 2020 09:55

Instrument :

MSVOA_W

ClientSampled :

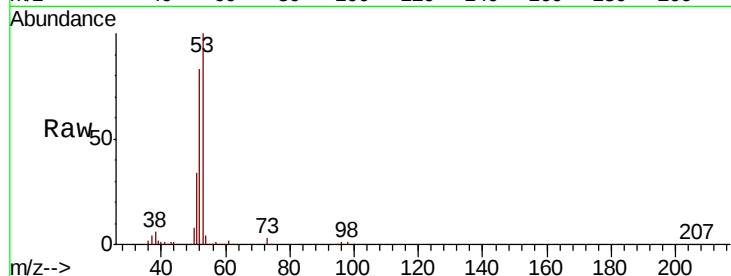
Tot Ion: 53 Resp: 359078

Ion Ratio Lower Upper

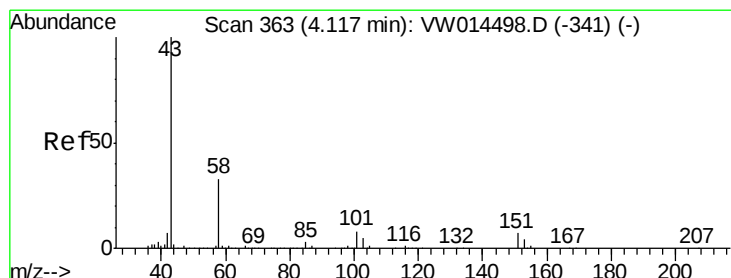
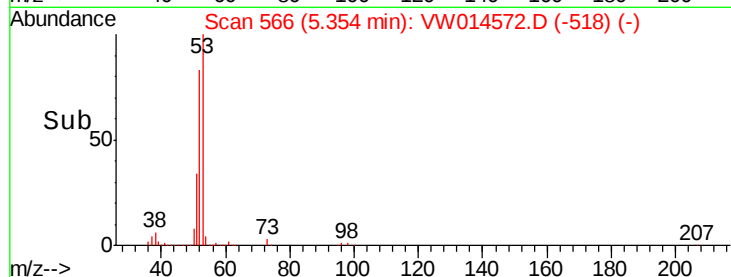
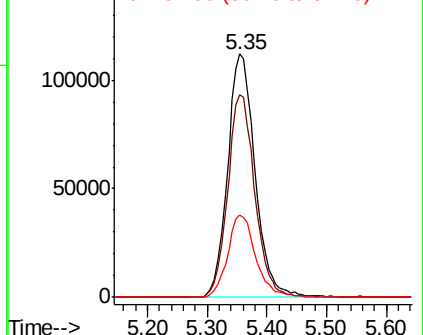
53 100

52 82.0 66.5 99.7

51 34.6 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 246.583 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW014572.D

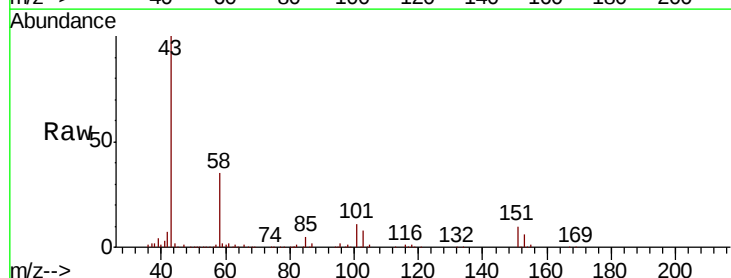
Acq: 09 Jan 2020 09:55

Tgt Ion: 43 Resp: 401544

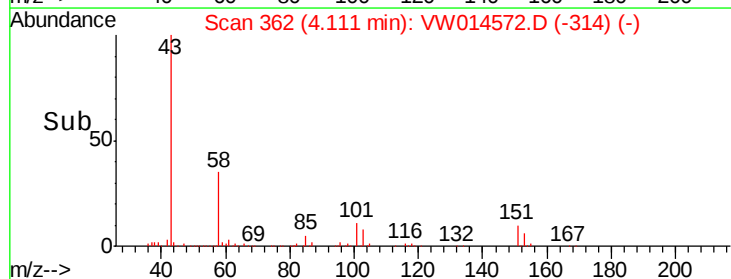
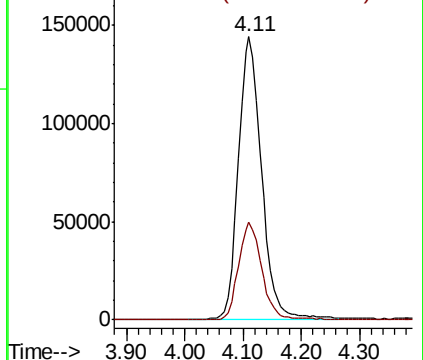
Ion Ratio Lower Upper

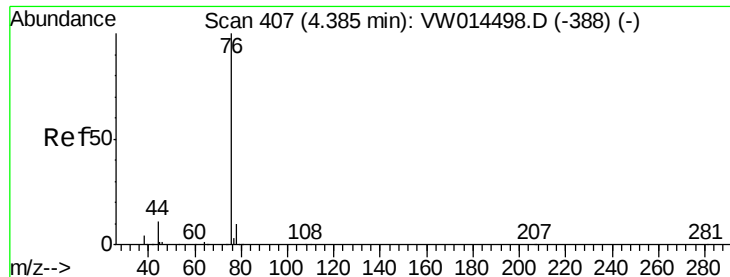
43 100

58 34.5 26.6 39.8



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

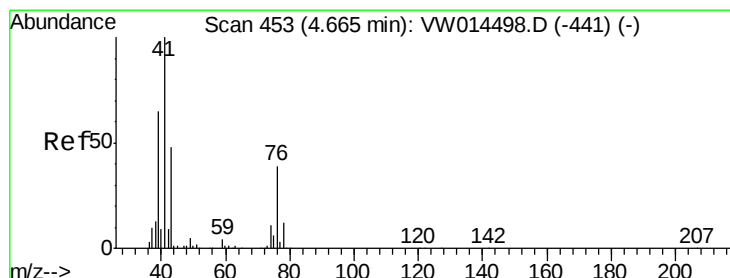
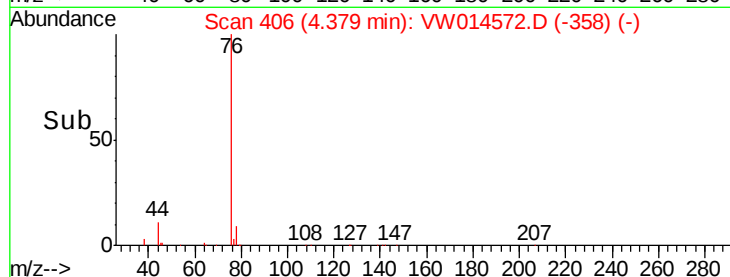
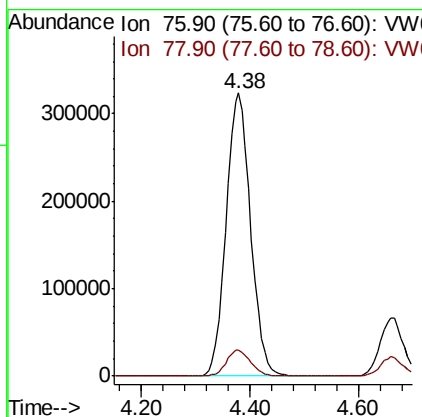
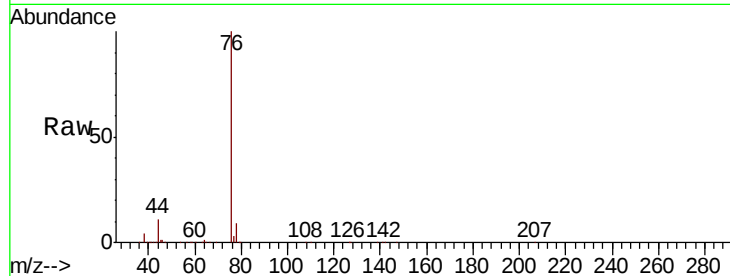




#17
Carbon Disulfide
Concen: 51.146 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW014572.D
Acq: 09 Jan 2020 09:55

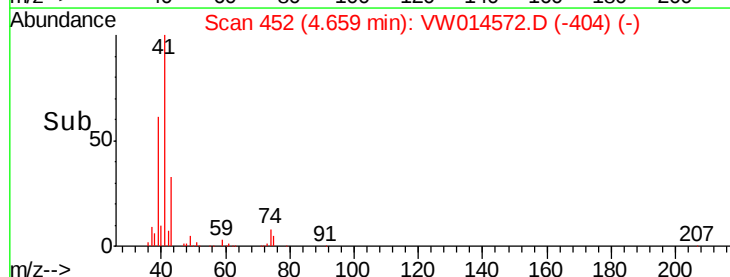
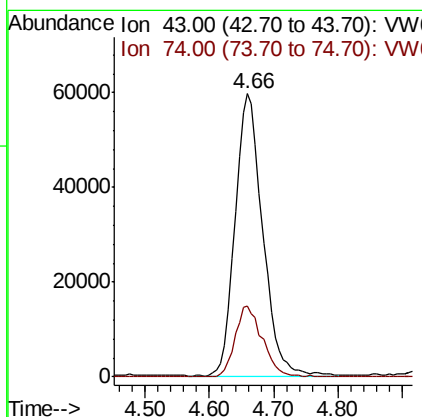
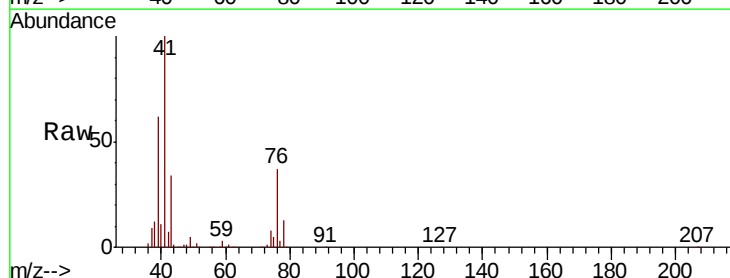
Instrument :
MSVOA_W
ClientSampled :

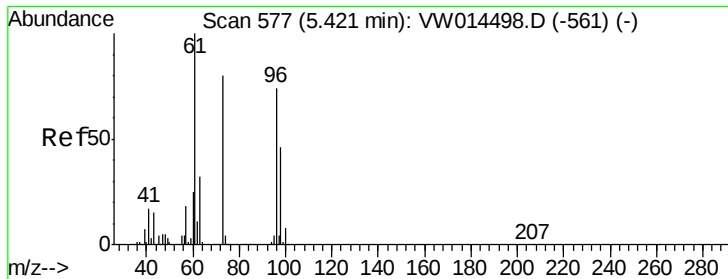
Tot Ion: 76 Resp: 1011885
Ion Ratio Lower Upper
76 100
78 9.3 7.8 11.6



#18
Methyl Acetate
Concen: 45.079 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW014572.D
Acq: 09 Jan 2020 09:55

Tgt Ion: 43 Resp: 177290
Ion Ratio Lower Upper
43 100
74 24.7 19.3 28.9



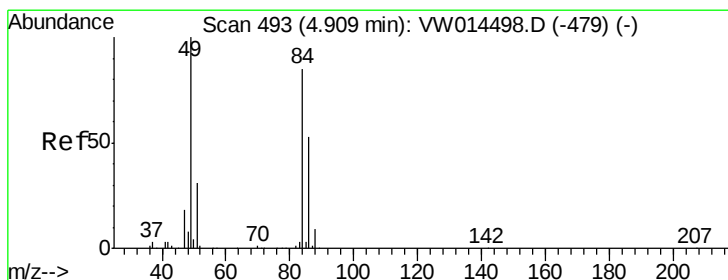
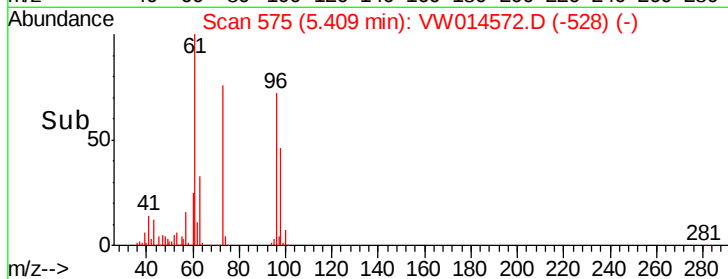
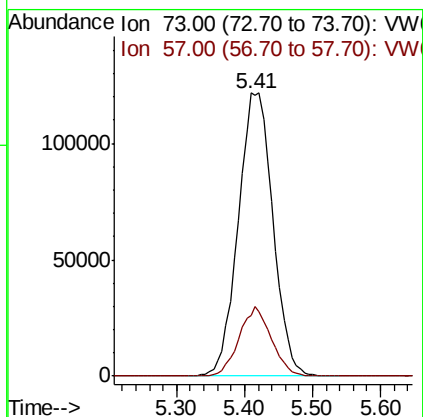
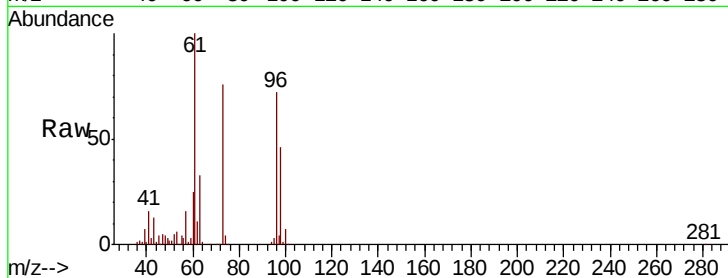


#19

Methyl tert-butyl Ether
 Concen: 53.047 ug/l
 RT: 5.41 min Scan# 575
 Delta R.T. -0.01 min
 Lab File: VW014572.D
 Acq: 09 Jan 2020 09:55

Instrument :
 MSVOA_W
 ClientSampled :

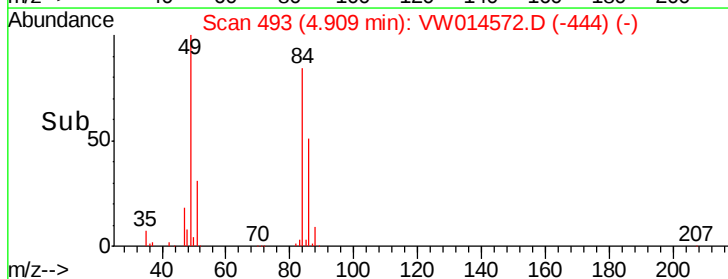
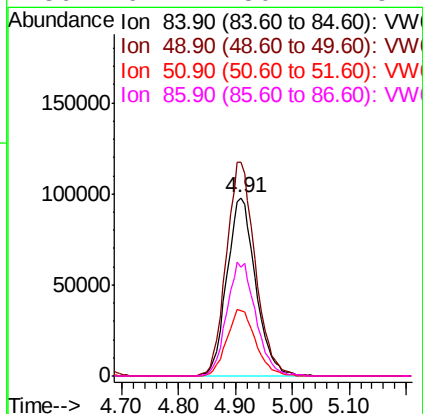
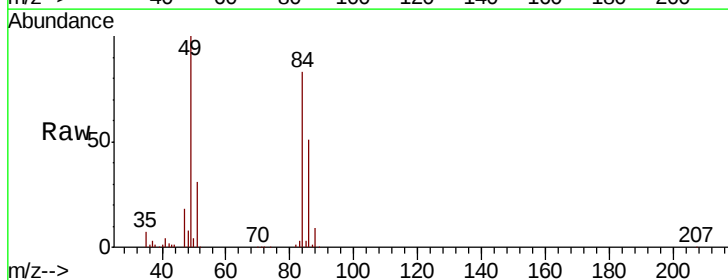
Tot Ion: 73 Resp: 432238
 Ion Ratio Lower Upper
 73 100
 57 21.5 18.1 27.1

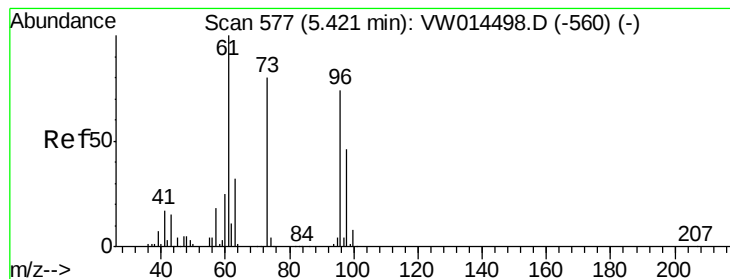


#20

Methylene Chloride
 Concen: 52.621 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: VW014572.D
 Acq: 09 Jan 2020 09:55

Tgt Ion: 84 Resp: 345029
 Ion Ratio Lower Upper
 84 100
 49 119.9 94.4 141.6
 51 36.8 29.5 44.3
 86 61.4 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 52.558 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW014572.D

Acq: 09 Jan 2020 09:55

Instrument :

MSVOA_W

ClientSampleId :

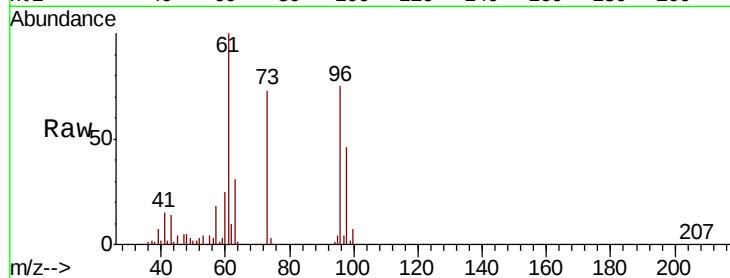
Tot Ion: 96 Resp: 366324

Ion Ratio Lower Upper

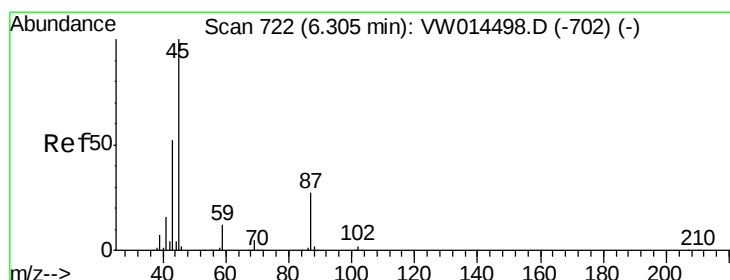
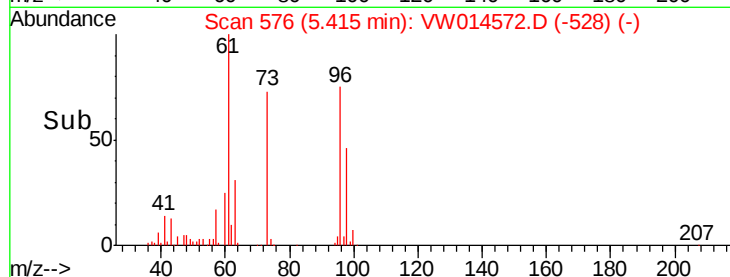
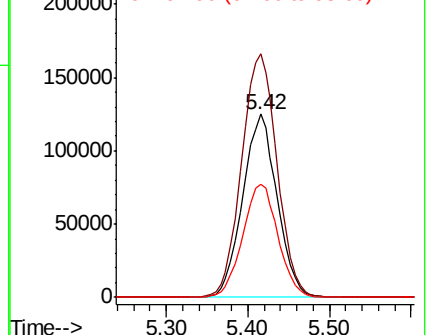
96 100

61 132.9 107.8 161.6

98 61.6 49.4 74.0



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



#22

Diisopropyl ether

Concen: 52.374 ug/l

RT: 6.30 min Scan# 721

Delta R.T. -0.01 min

Lab File: VW014572.D

Acq: 09 Jan 2020 09:55

Tgt Ion: 45 Resp: 983347

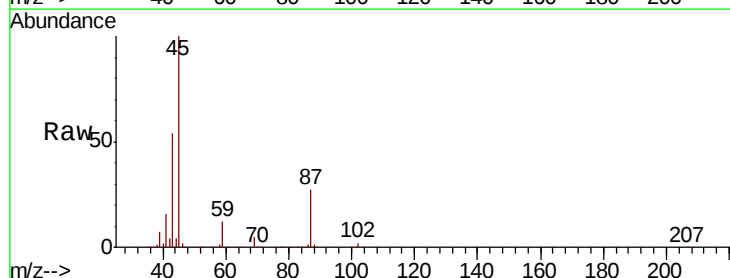
Ion Ratio Lower Upper

45 100

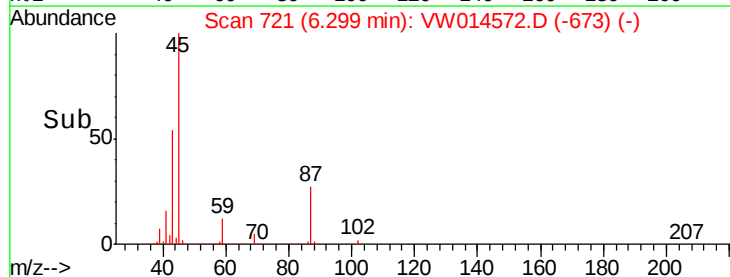
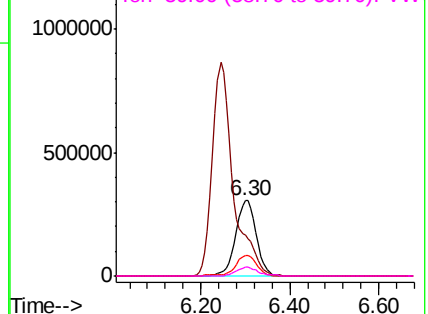
43 53.7 41.4 62.0

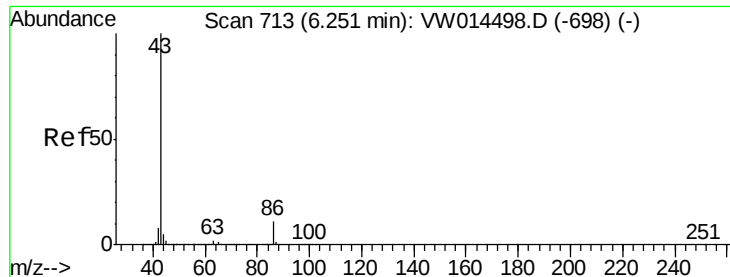
87 26.9 22.2 33.2

59 12.2 9.5 14.3



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





#23

Vinyl Acetate

Concen: 248.910 ug/l

RT: 6.24 min Scan# 712

Delta R.T. -0.01 min

Lab File: VW014572.D

Acq: 09 Jan 2020 09:55

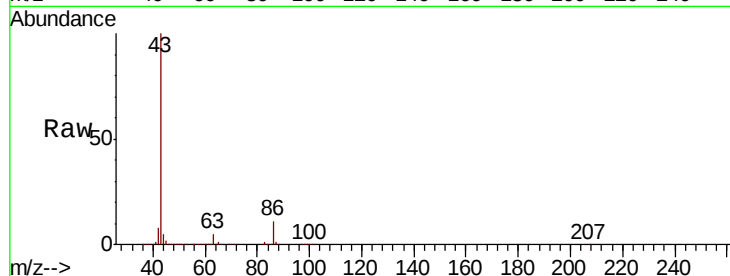
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 2822073

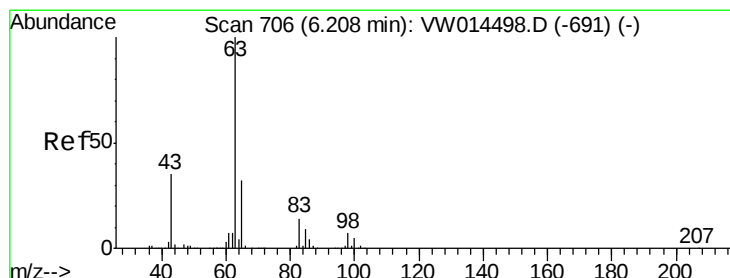
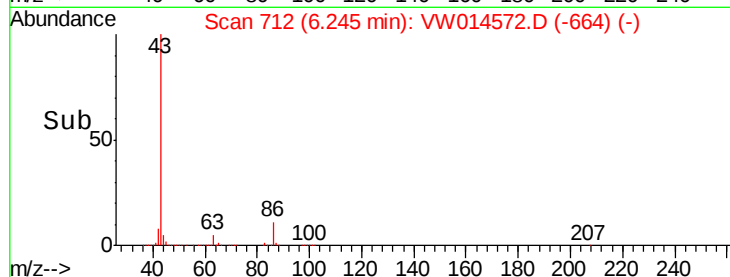
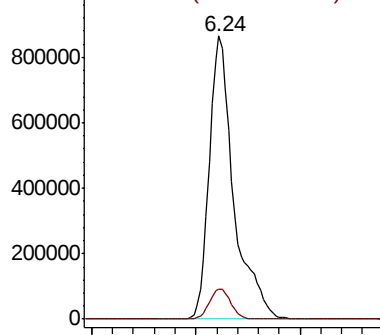
Ion Ratio Lower Upper

43 100

86 10.6 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 52.261 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW014572.D

Acq: 09 Jan 2020 09:55

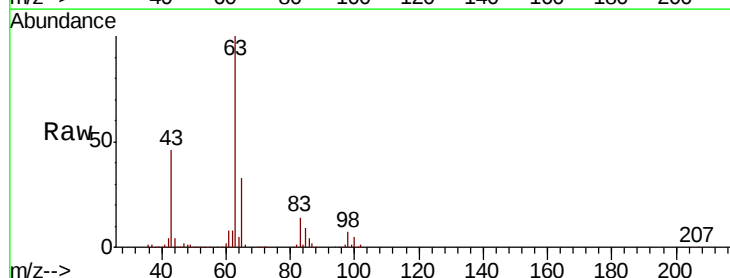
Tgt Ion: 63 Resp: 618948

Ion Ratio Lower Upper

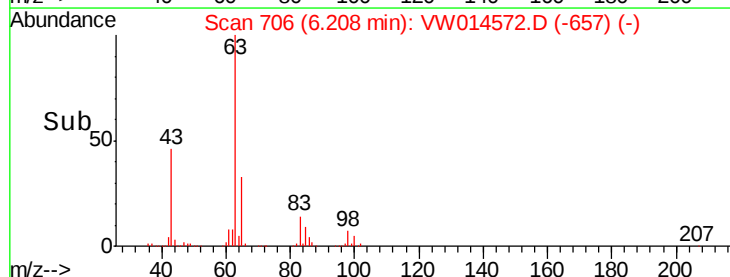
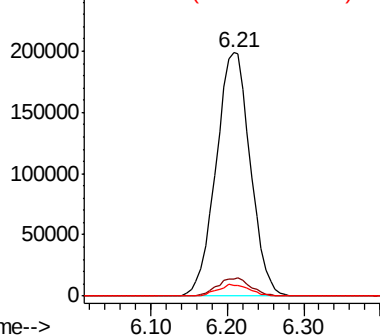
63 100

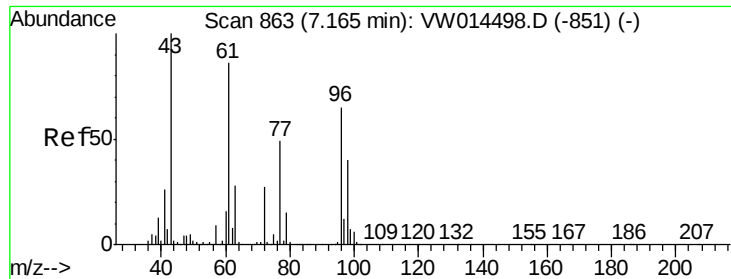
98 7.2 3.5 10.4

100 4.6 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VW
Ion 97.90 (97.60 to 98.60): VW
Ion 99.90 (99.60 to 100.60): VW

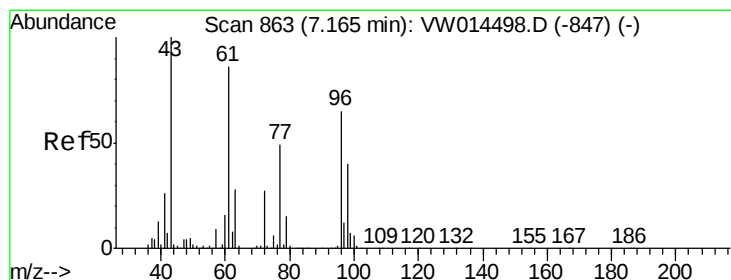
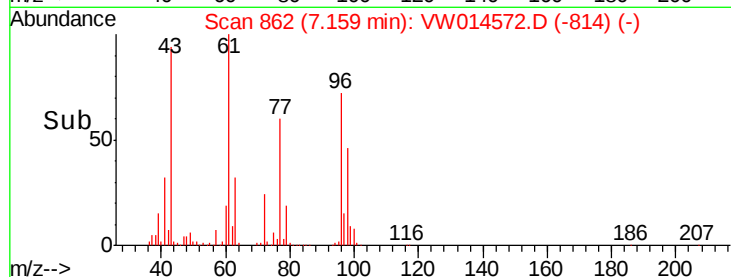
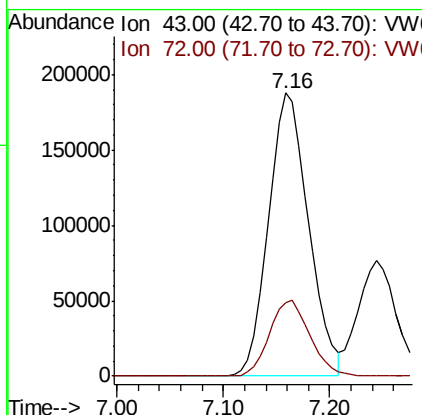
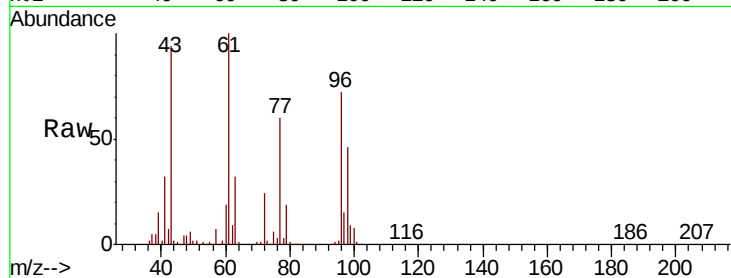




#25
2-Butanone
Concen: 233.536 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW014572.D
Acq: 09 Jan 2020 09:55

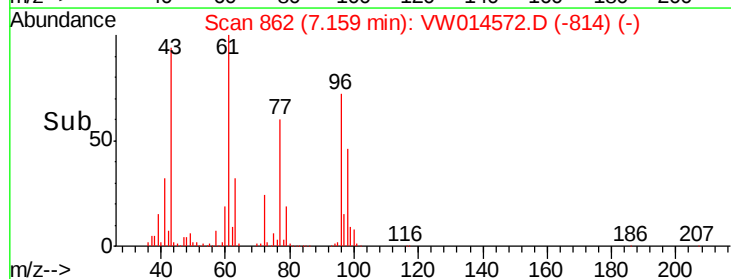
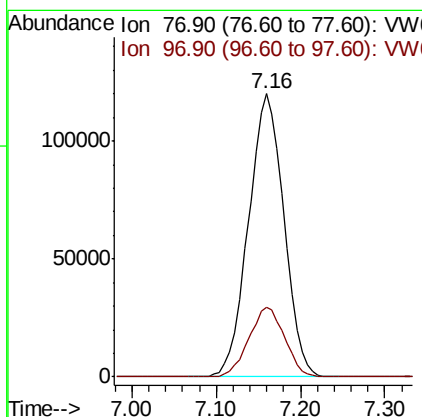
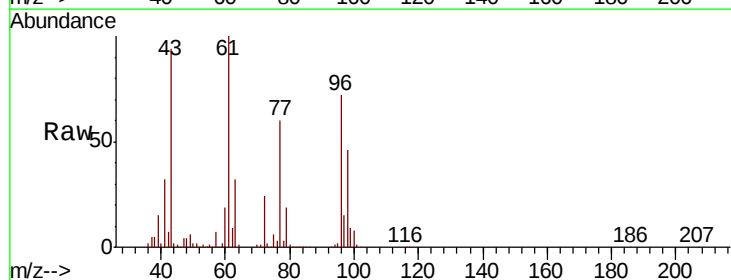
Instrument :
MSVOA_W
ClientSampled :

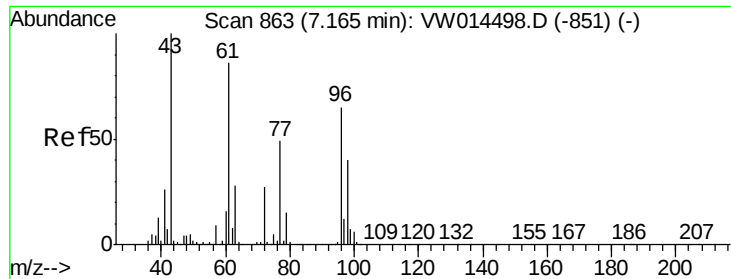
Tot Ion: 43 Resp: 488047
Ion Ratio Lower Upper
43 100
72 25.9 21.9 32.9



#26
2,2-Dichloropropane
Concen: 52.637 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW014572.D
Acq: 09 Jan 2020 09:55

Tgt Ion: 77 Resp: 345145
Ion Ratio Lower Upper
77 100
97 24.7 12.5 37.5

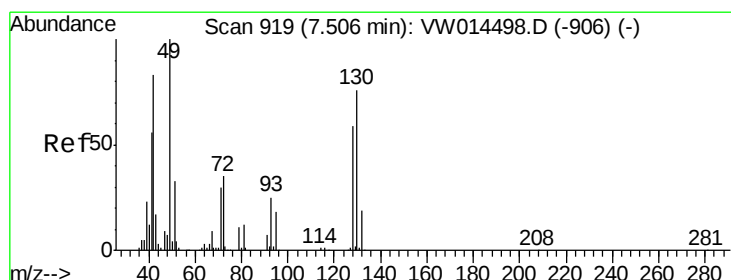
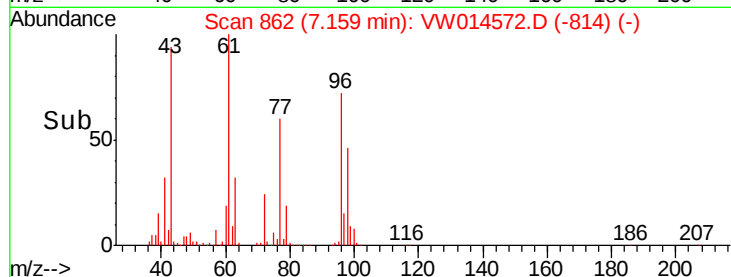
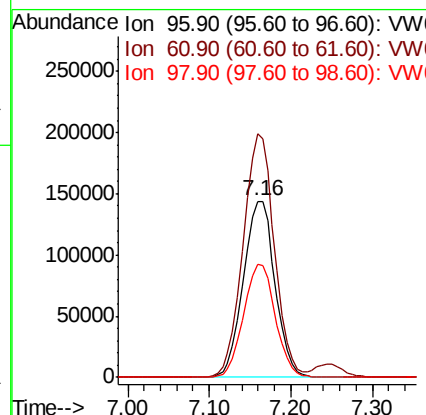
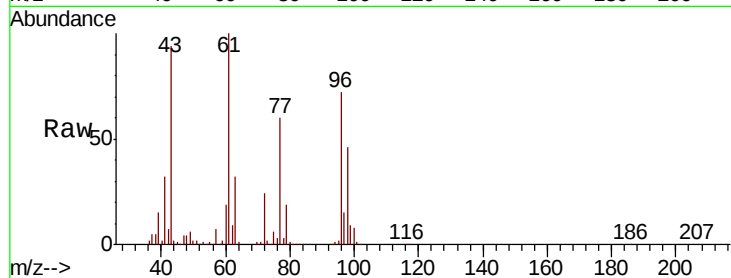




#27
 cis-1,2-Dichloroethene
 Concen: 52.892 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VW014572.D
 Acq: 09 Jan 2020 09:55

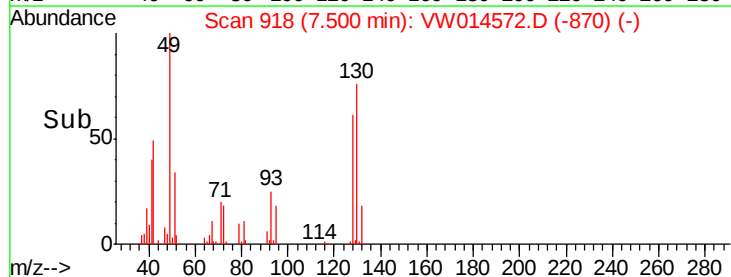
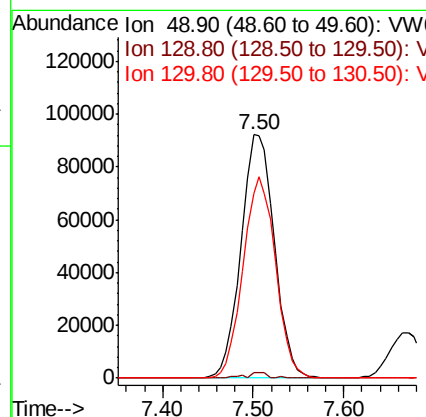
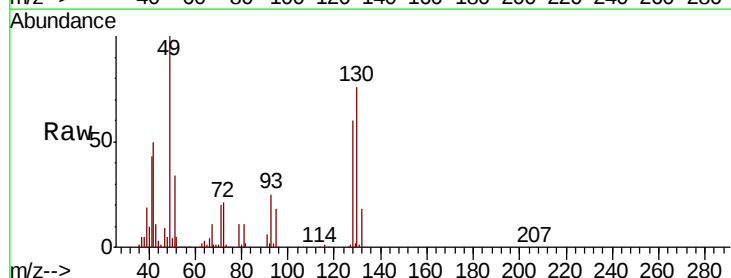
Instrument :
 MSVOA_W
 ClientSampleId :

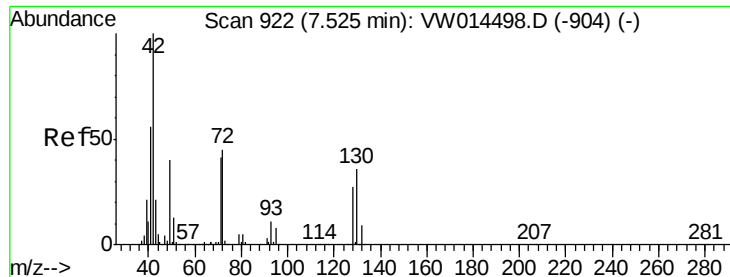
Tot Ion: 96 Resp: 387366
 Ion Ratio Lower Upper
 96 100
 61 136.8 0.0 274.8
 98 64.2 0.0 128.6



#28
 Bromochloromethane
 Concen: 50.805 ug/l
 RT: 7.50 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: VW014572.D
 Acq: 09 Jan 2020 09:55

Tgt Ion: 49 Resp: 235895
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 2.0
 130 80.3 62.5 93.7





#29

Tetrahydrofuran

Concen: 219.143 ug/l

RT: 7.52 min Scan# 922

Delta R.T. 0.00 min

Lab File: VW014572.D

Acq: 09 Jan 2020 09:55

Instrument :

MSVOA_W

ClientSampled :

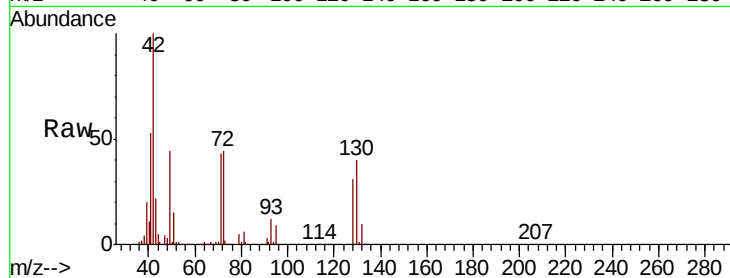
Tot Ion: 42 Resp: 283714

Ion Ratio Lower Upper

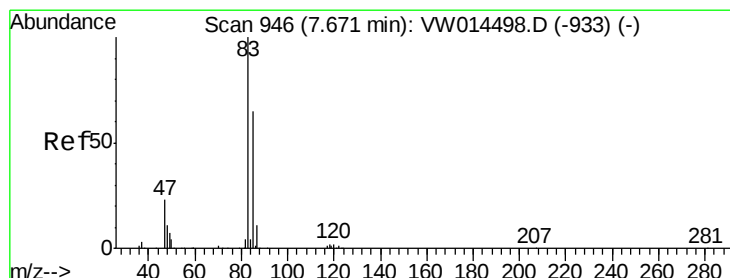
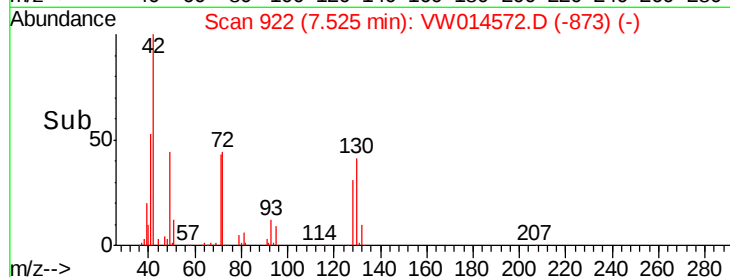
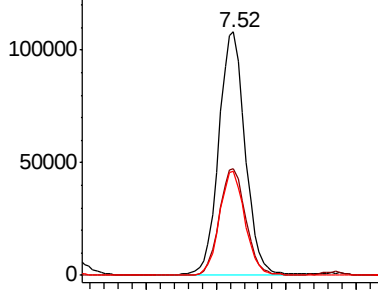
42 100

72 44.1 34.5 51.7

71 41.5 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: 52.125 ug/l

RT: 7.67 min Scan# 946

Delta R.T. 0.00 min

Lab File: VW014572.D

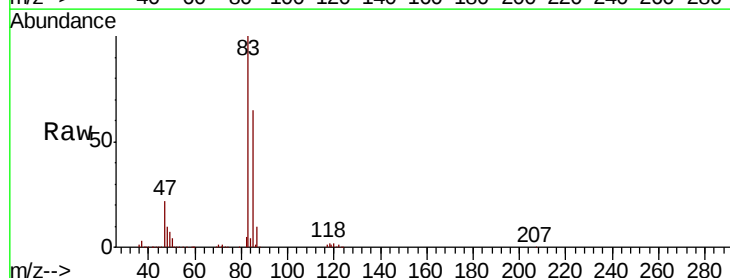
Acq: 09 Jan 2020 09:55

Tgt Ion: 83 Resp: 577294

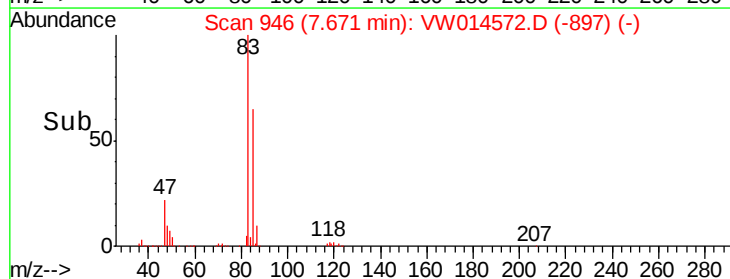
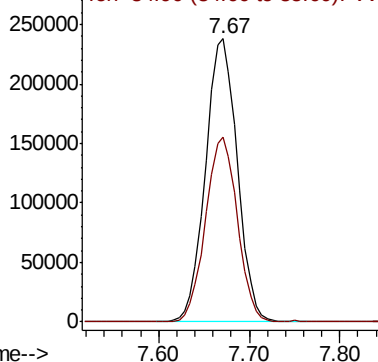
Ion Ratio Lower Upper

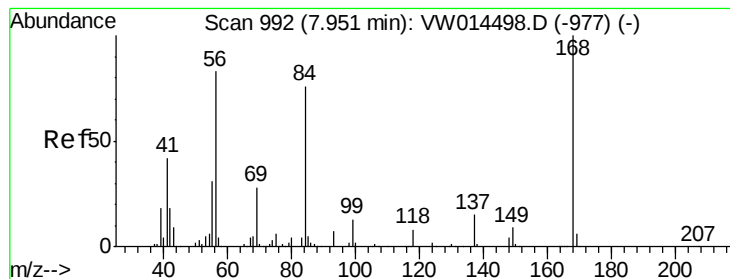
83 100

85 65.4 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: 49.227 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW014572.D

Acq: 09 Jan 2020 09:55

Instrument :

MSVOA_W

ClientSampled :

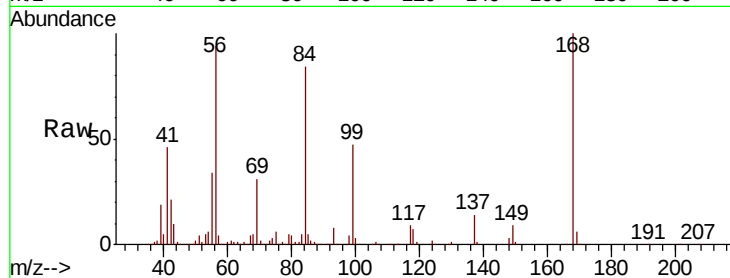
Tot Ion: 56 Resp: 605893

Ion Ratio Lower Upper

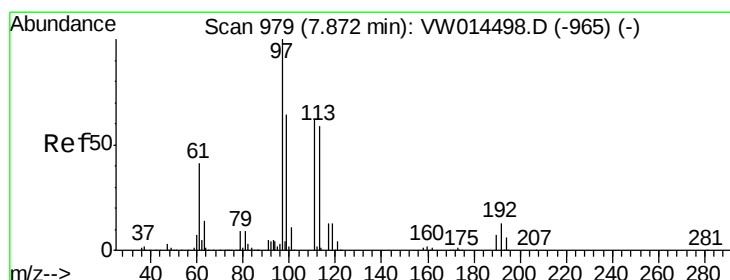
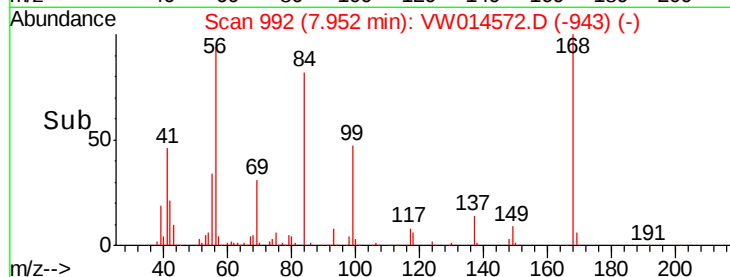
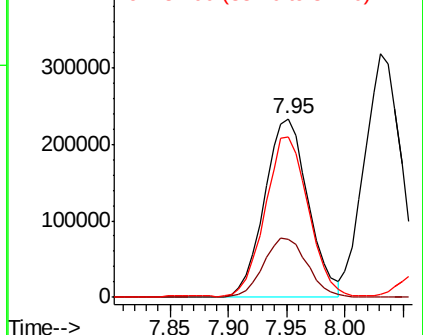
56 100

69 32.7 26.8 40.2

84 88.8 71.8 107.6



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



#32

1,1,1-Trichloroethane

Concen: 52.997 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW014572.D

Acq: 09 Jan 2020 09:55

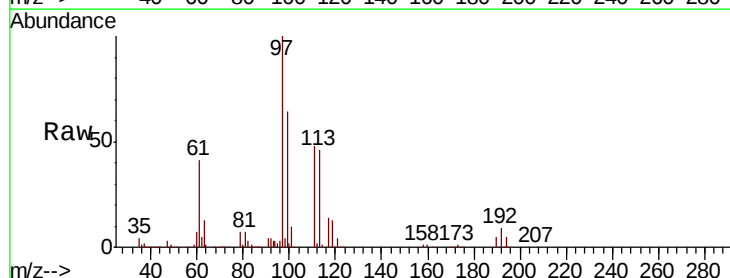
Tgt Ion: 97 Resp: 472057

Ion Ratio Lower Upper

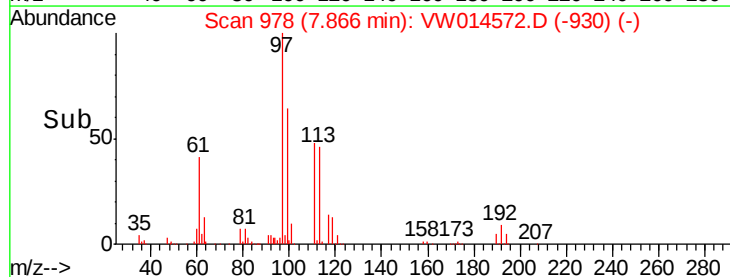
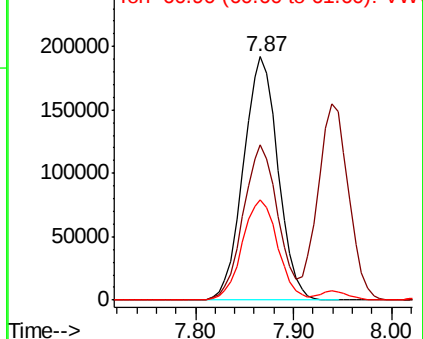
97 100

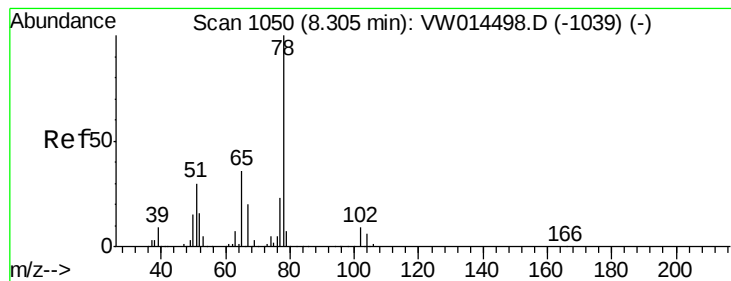
99 63.7 51.8 77.6

61 42.2 33.8 50.8



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





#33

1,2-Dichloroethane-d4

Concen: 46.687 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW014572.D

Acq: 09 Jan 2020 09:55

Instrument :

MSVOA_W

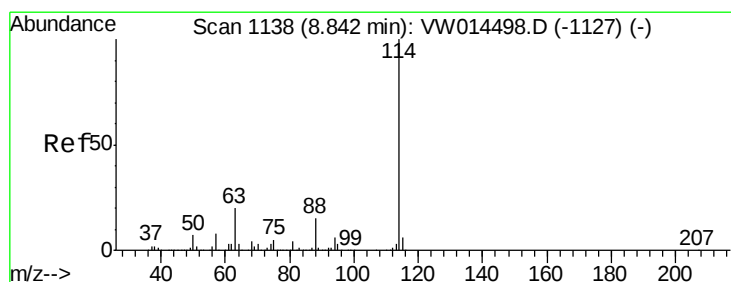
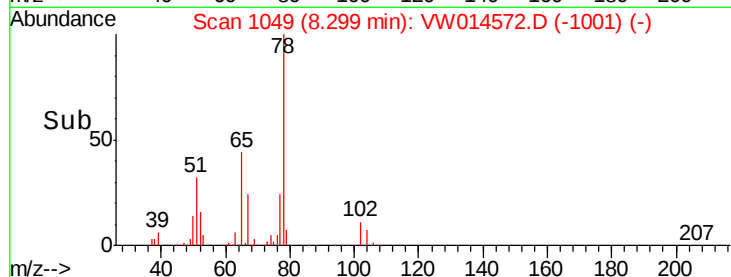
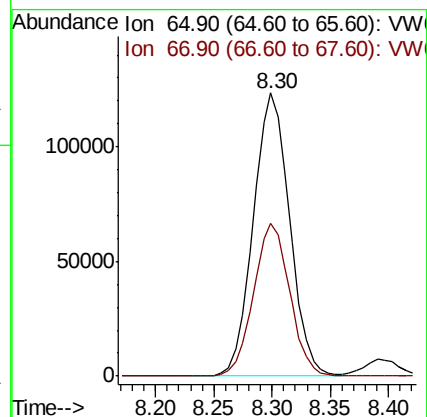
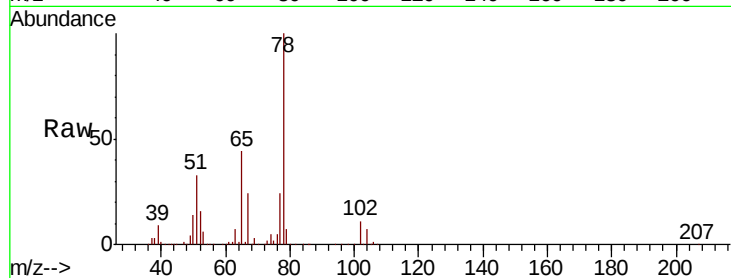
ClientSampled :

Tot Ion: 65 Resp: 269249

Ion Ratio Lower Upper

65 100

67 53.6 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: VW014572.D

Acq: 09 Jan 2020 09:55

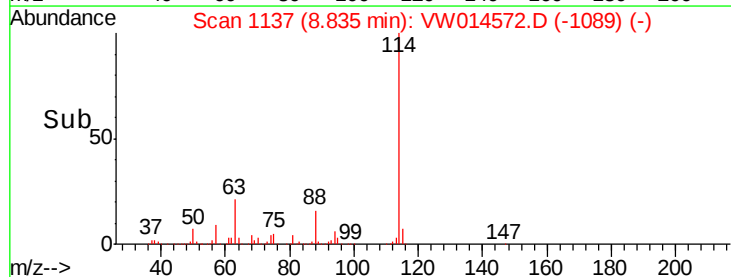
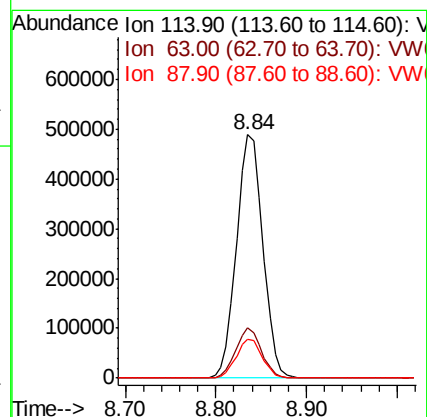
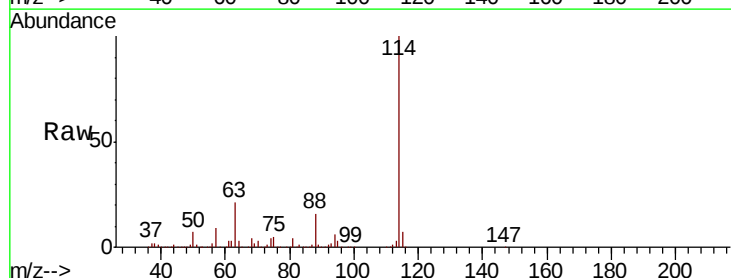
Tgt Ion: 114 Resp: 986029

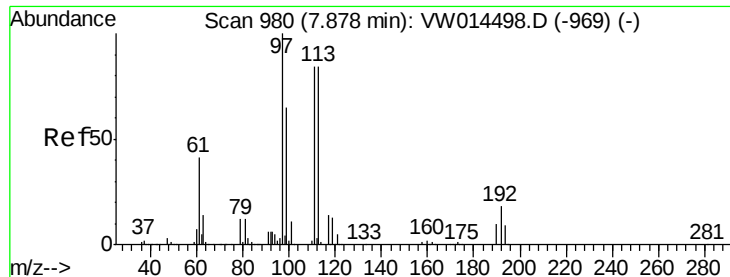
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.4

88 15.7 0.0 30.6

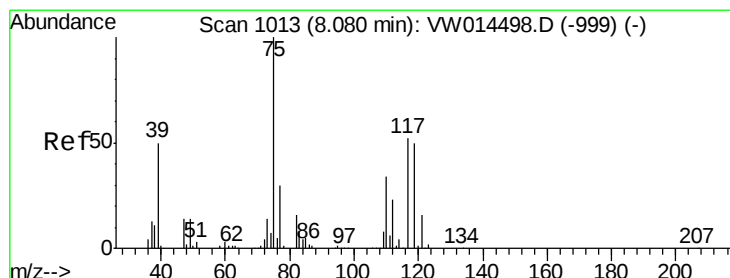
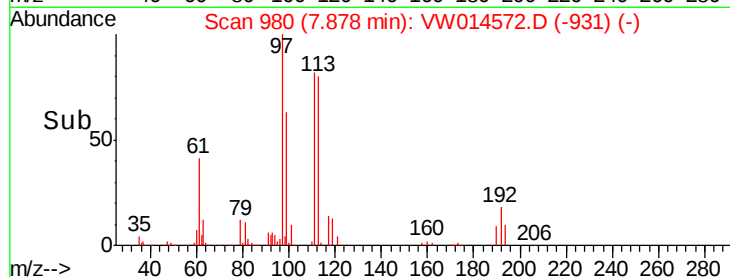
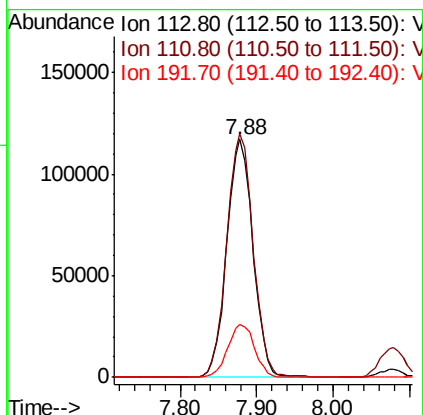
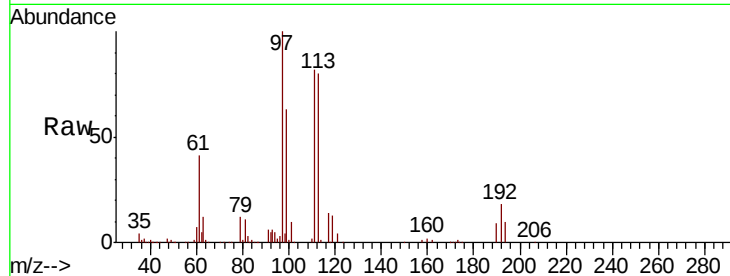




#35
 Dibromofluoromethane
 Concen: 49.033 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW014572.D
 Acq: 09 Jan 2020 09:55

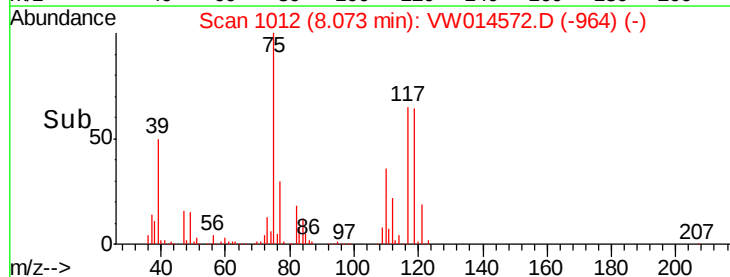
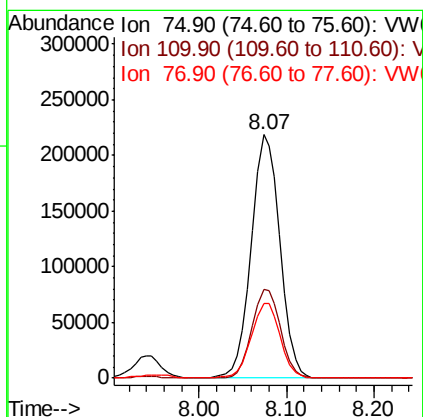
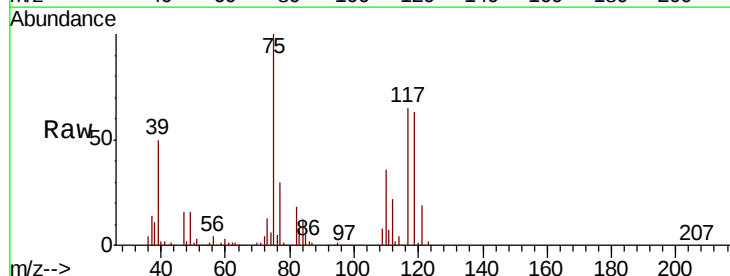
Instrument :
 MSVOA_W
 ClientSampleId :

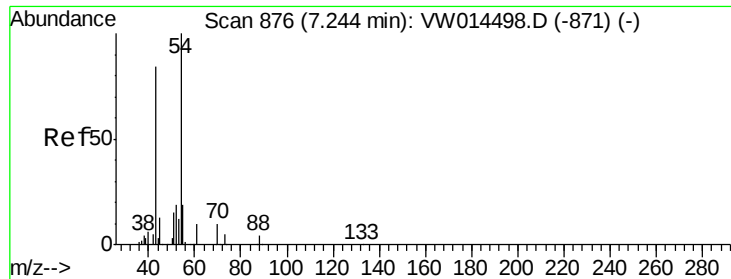
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.4	122.2
192	22.7	17.8	26.8



#36
 1,1-Dichloropropene
 Concen: 52.232 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: VW014572.D
 Acq: 09 Jan 2020 09:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	17.8	53.5
77	31.1	24.7	37.1

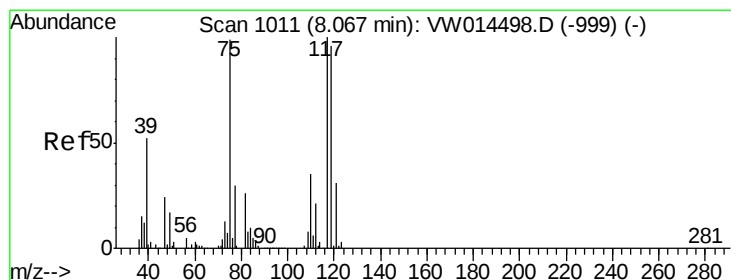
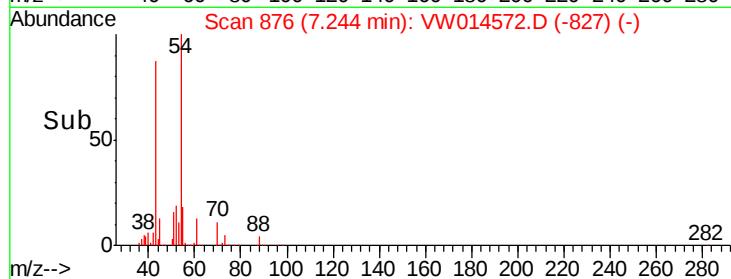
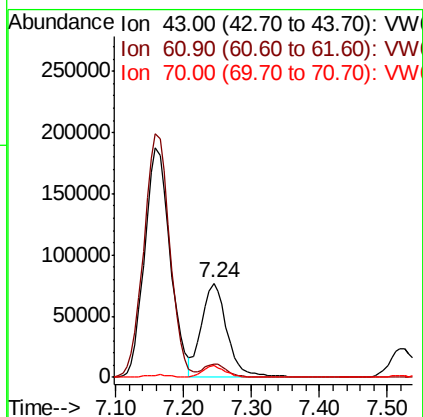
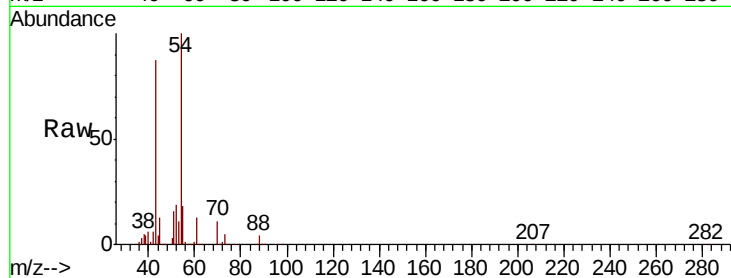




#37
Ethyl Acetate
Concen: 46.149 ug/l
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: VW014572.D
Acq: 09 Jan 2020 09:55

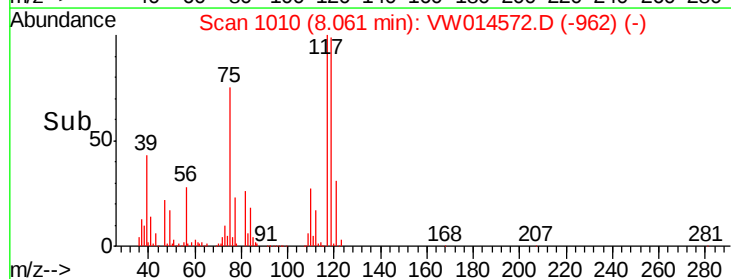
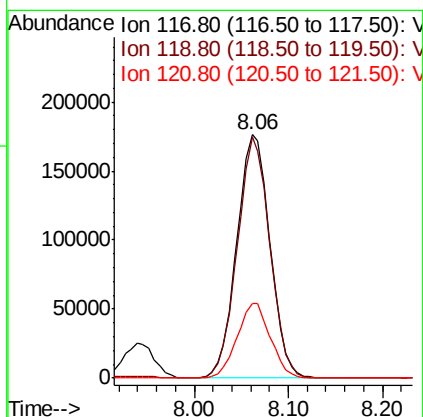
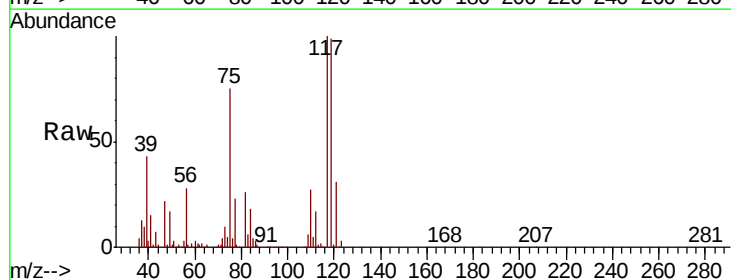
Instrument :
MSVOA_W
ClientSampled :

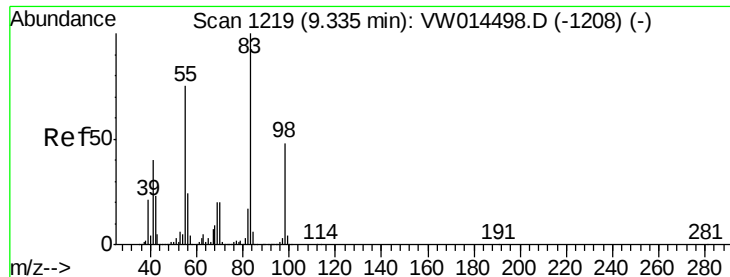
Tot Ion: 43 Resp: 198956
Ion Ratio Lower Upper
43 100
61 12.9 11.7 17.5
70 10.6 9.0 13.6



#38
Carbon Tetrachloride
Concen: 52.465 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW014572.D
Acq: 09 Jan 2020 09:55

Tgt Ion: 117 Resp: 432671
Ion Ratio Lower Upper
117 100
119 99.1 77.0 115.6
121 30.7 24.6 36.8

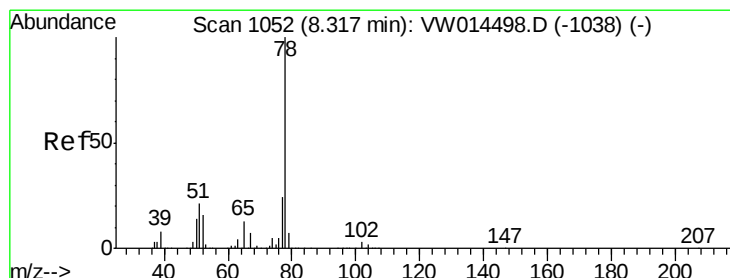
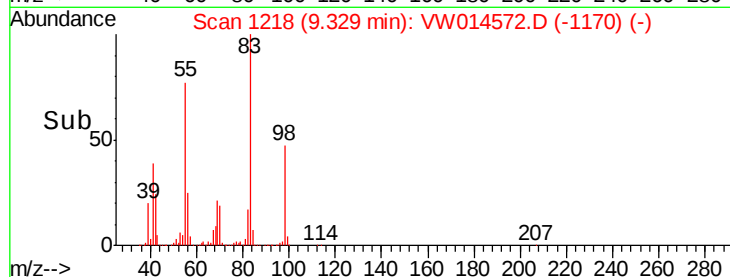
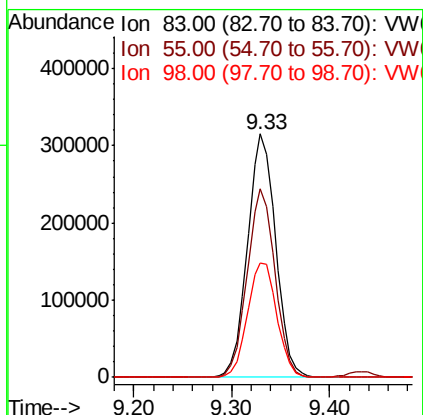
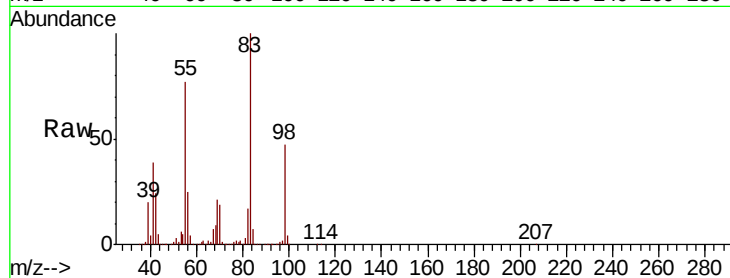




#39
Methvlcvclohexane
Concen: 51.779 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW014572.D
Acq: 09 Jan 2020 09:55

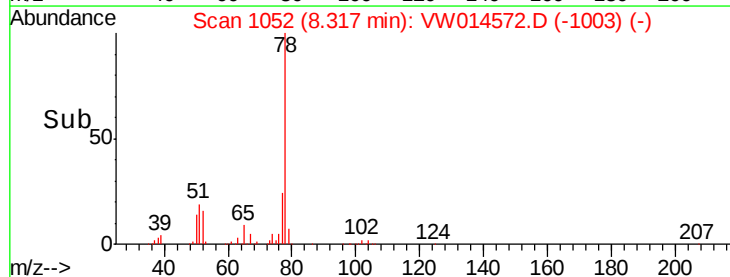
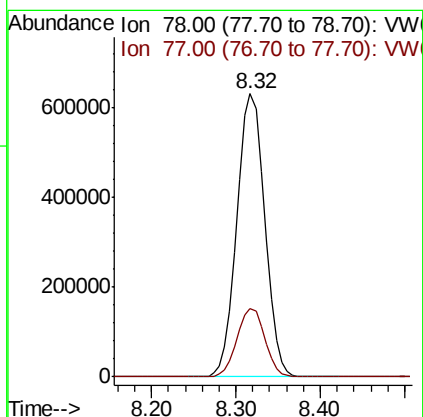
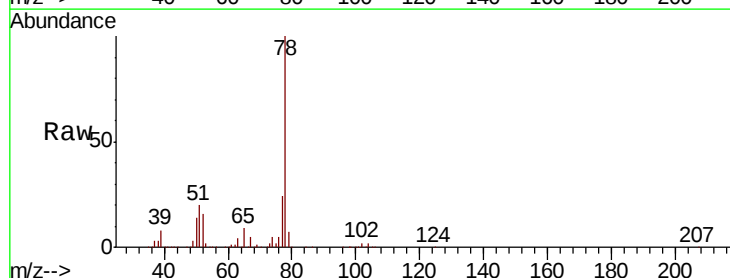
Instrument :
MSVOA_W
ClientSampleId :

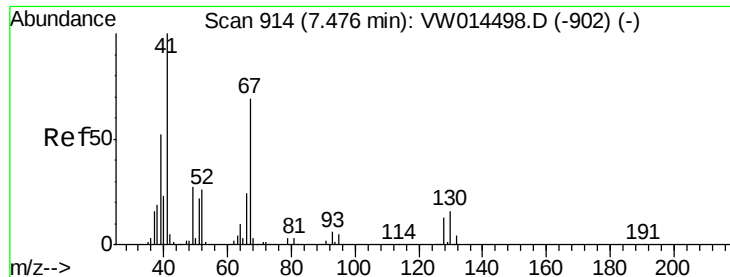
Tot Ion: 83 Resp: 631647
Ion Ratio Lower Upper
83 100
55 77.4 60.1 90.1
98 47.1 38.8 58.2



#40
Benzene
Concen: 52.427 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW014572.D
Acq: 09 Jan 2020 09:55

Tgt Ion: 78 Resp: 1410024
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9

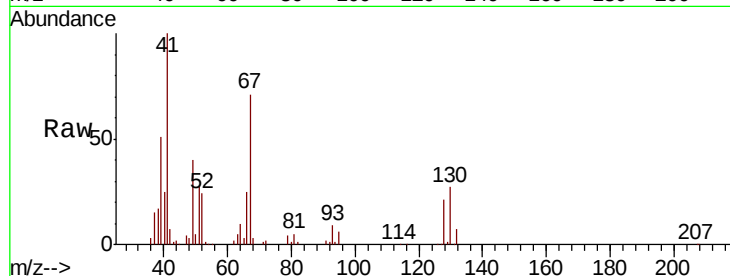




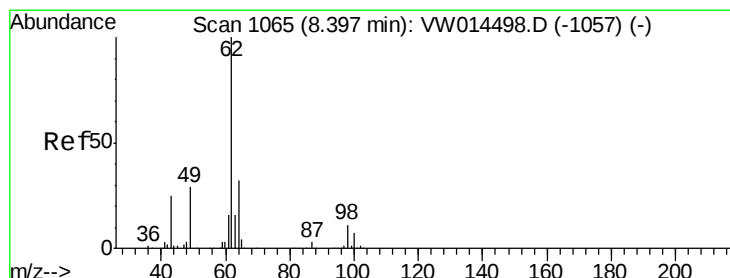
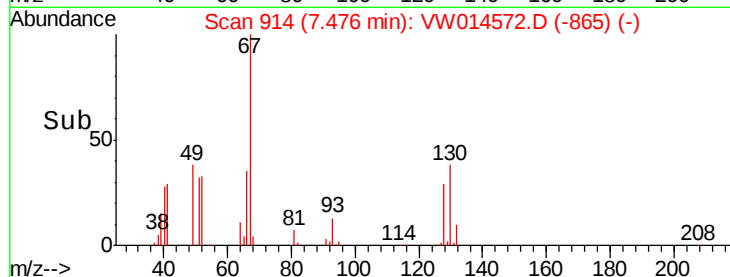
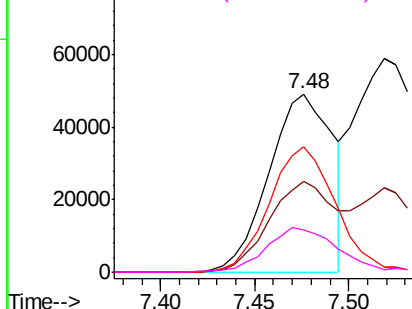
#41
Methacrylonitrile
Concen: 47.935 ug/l
RT: 7.48 min Scan# 914
Delta R.T. 0.00 min
Lab File: VW014572.D
Acq: 09 Jan 2020 09:55

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	41	Resp:	115197
Ion	Ratio	Lower	Upper
41	100		
39	55.9	46.0	69.0
67	74.2	60.8	91.2
52	28.8	23.7	35.5

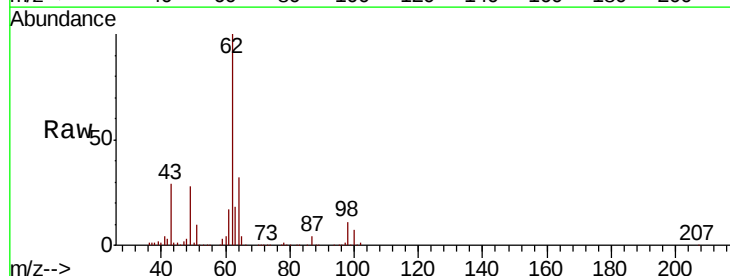


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

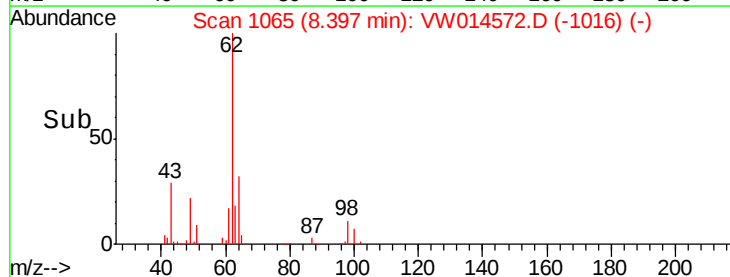
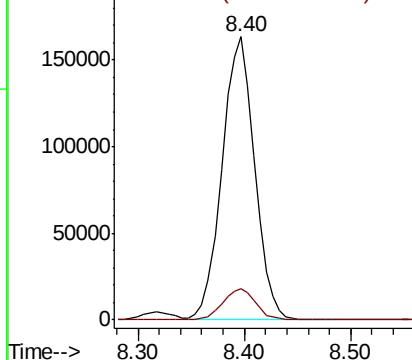


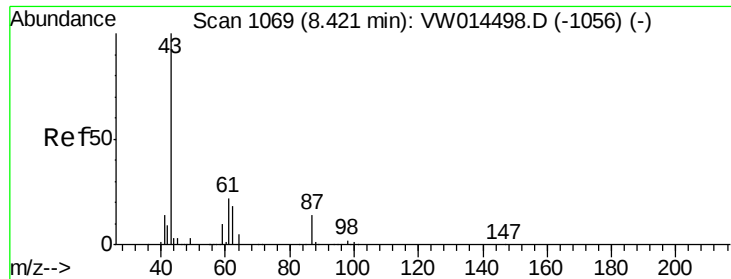
#42
1,2-Dichloroethane
Concen: 49.900 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW014572.D
Acq: 09 Jan 2020 09:55

Tgt Ion:	62	Resp:	348276
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: 46.219 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW014572.D

Acq: 09 Jan 2020 09:55

Instrument :

MSVOA_W

ClientSampleId :

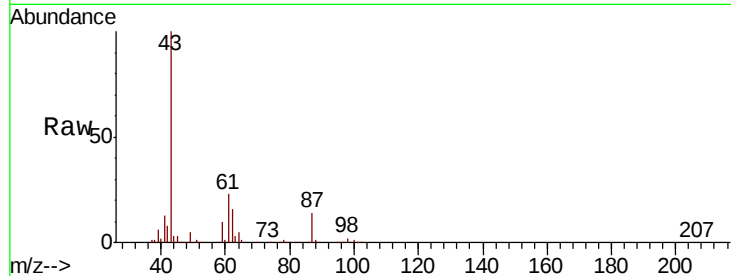
Tot Ion: 43 Resp: 361832

Ion Ratio Lower Upper

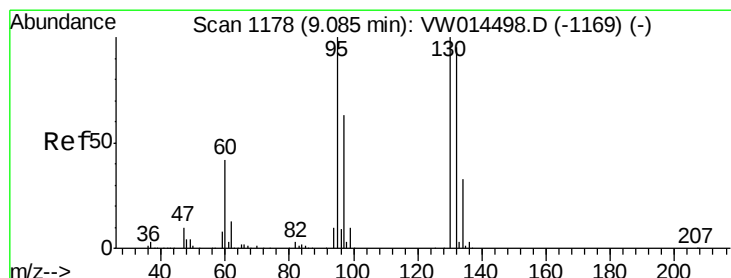
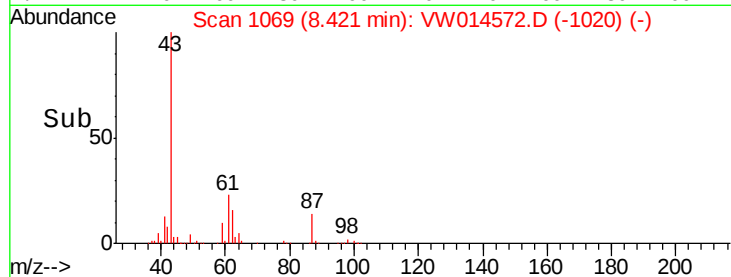
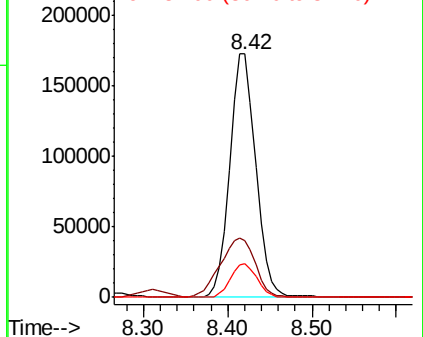
43 100

61 32.5 24.7 37.1

87 13.9 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: 52.622 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VW014572.D

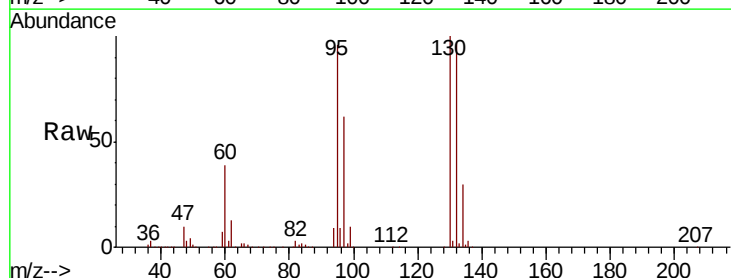
Acq: 09 Jan 2020 09:55

Tgt Ion: 130 Resp: 382967

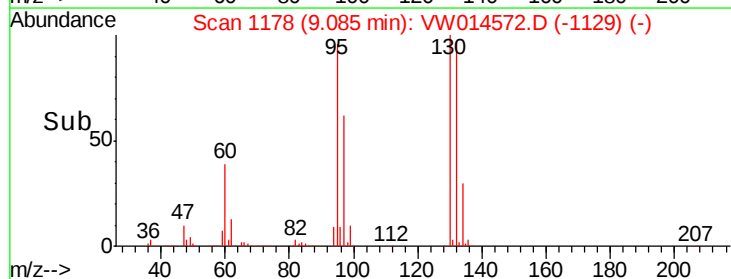
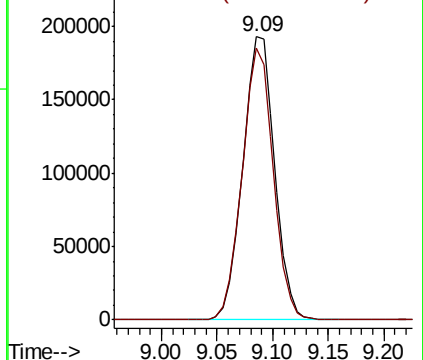
Ion Ratio Lower Upper

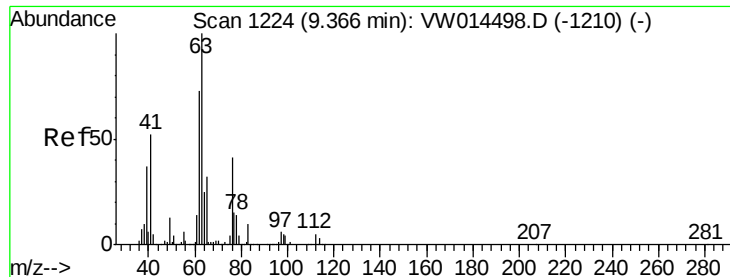
130 100

95 95.9 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: 52.441 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW014572.D

Acq: 09 Jan 2020 09:55

Instrument :

MSVOA_W

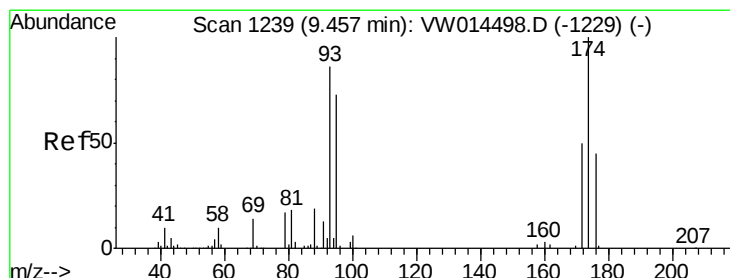
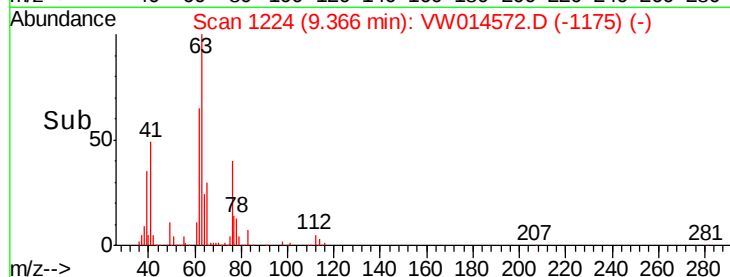
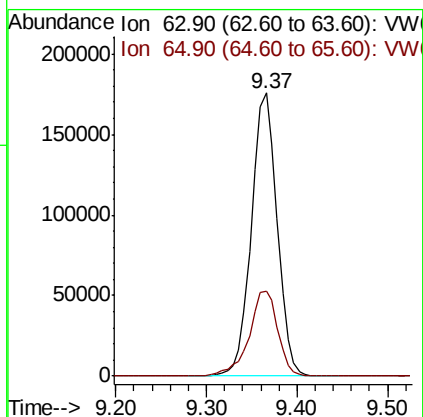
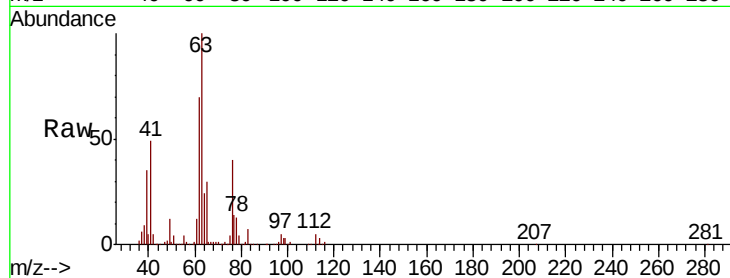
ClientSampled :

Tot Ion: 63 Resp: 346100

Ion Ratio Lower Upper

63 100

65 30.2 25.6 38.4



#46

Dibromomethane

Concen: 49.075 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW014572.D

Acq: 09 Jan 2020 09:55

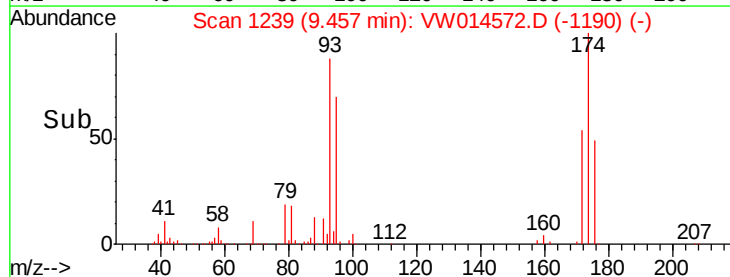
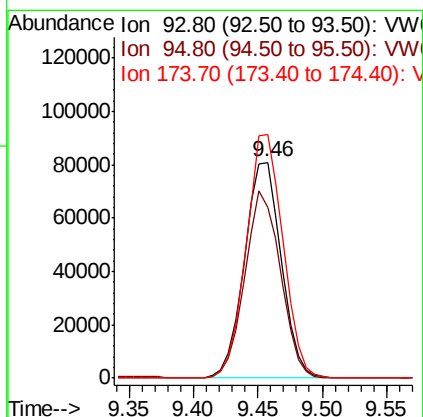
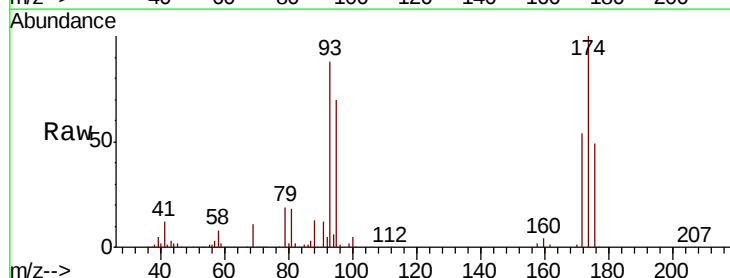
Tgt Ion: 93 Resp: 159894

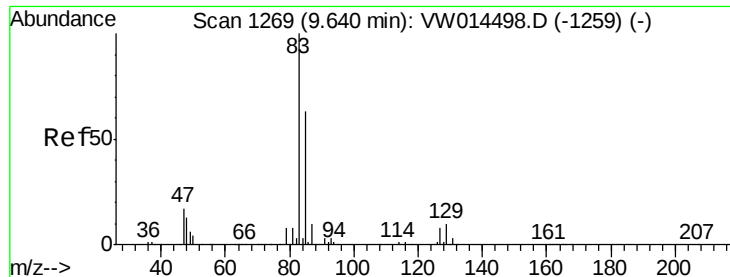
Ion Ratio Lower Upper

93 100

95 84.1 66.4 99.6

174 112.6 89.1 133.7





#47

Bromodichloromethane

Concen: 51.810 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW014572.D

Acq: 09 Jan 2020 09:55

Instrument :
MSVOA_W
ClientSampled :

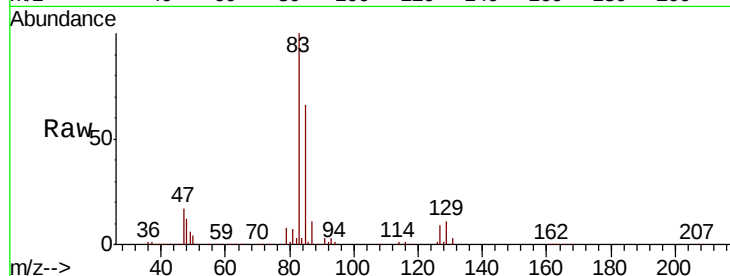
Tot Ion: 83 Resp: 416755

Ion Ratio Lower Upper

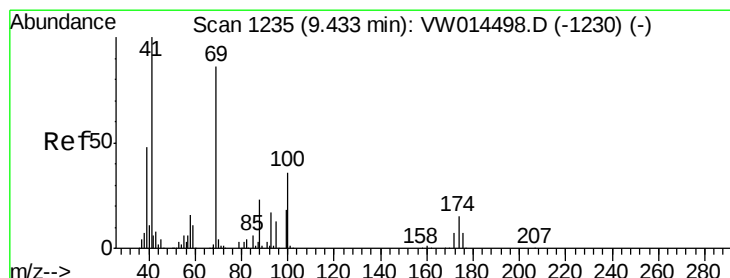
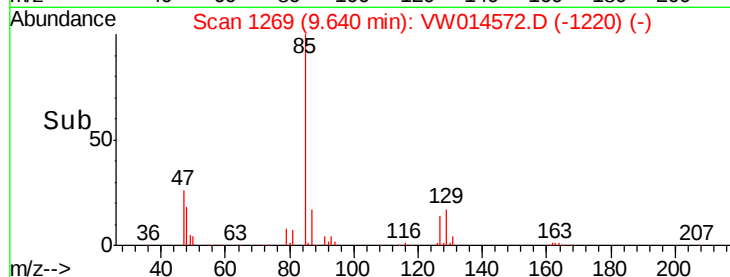
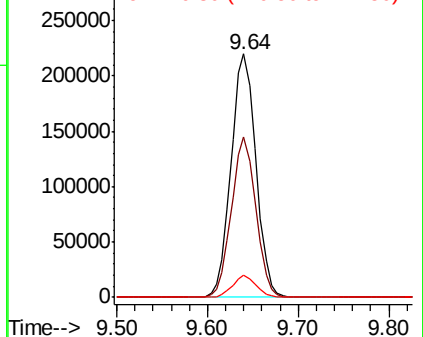
83 100

85 65.6 50.6 76.0

127 9.3 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: 46.310 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW014572.D

Acq: 09 Jan 2020 09:55

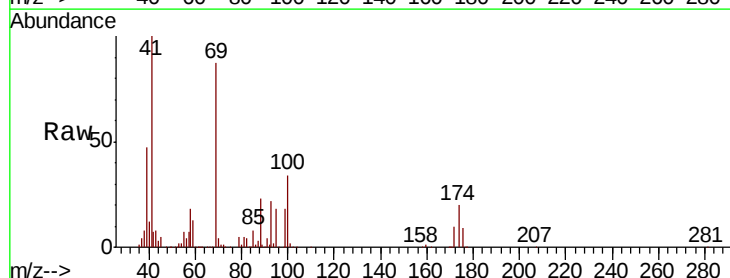
Tgt Ion: 41 Resp: 177008

Ion Ratio Lower Upper

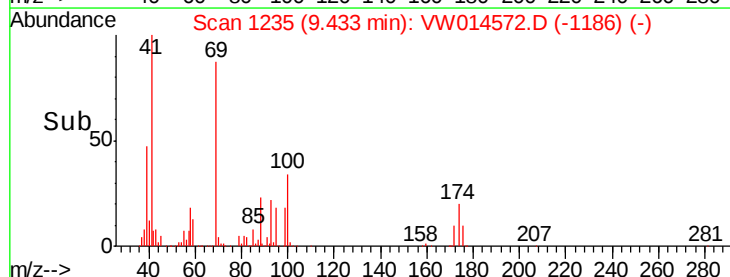
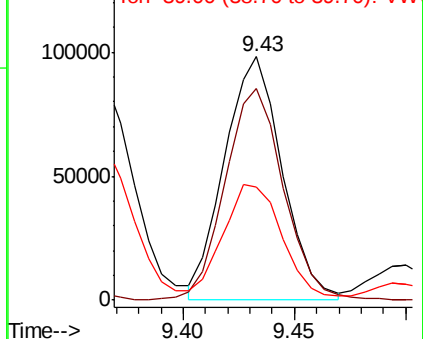
41 100

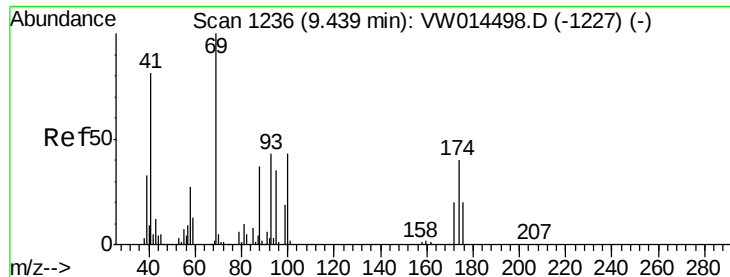
69 88.0 68.3 102.5

39 45.7 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: 906.950 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW014572.D

Acq: 09 Jan 2020 09:55

Instrument :
MSVOA_W
ClientSampled :

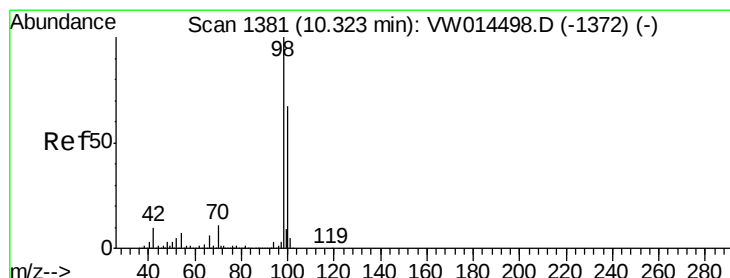
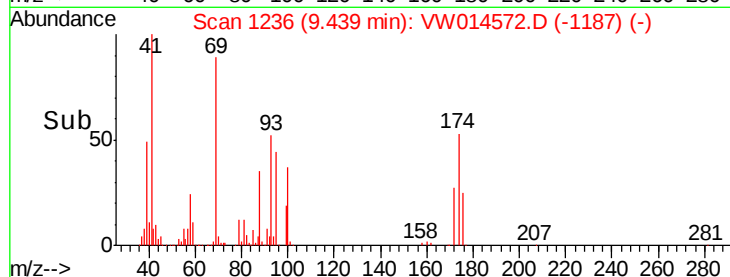
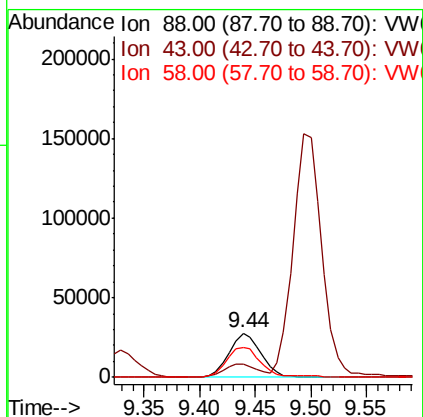
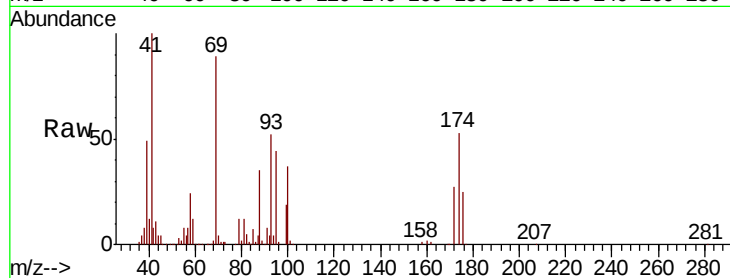
Tot Ion: 88 Resp: 55268

Ion Ratio Lower Upper

88 100

43 30.9 24.9 37.3

58 74.7 56.9 85.3



#50

Toluene-d8

Concen: 49.421 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW014572.D

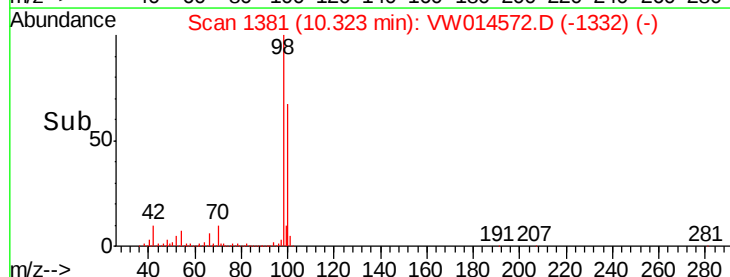
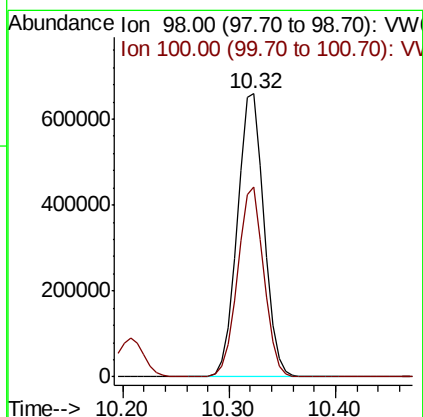
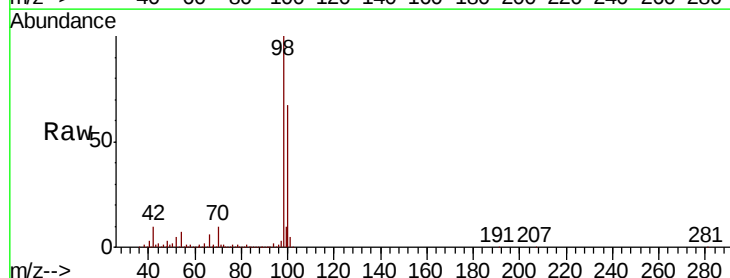
Acq: 09 Jan 2020 09:55

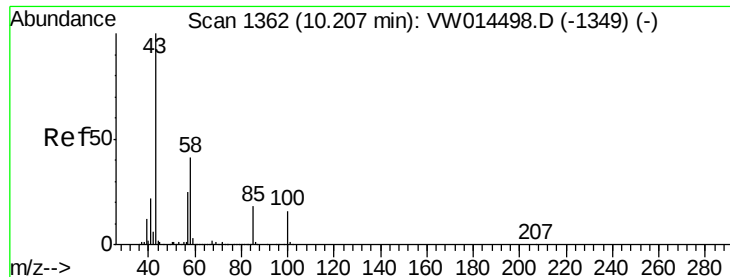
Tgt Ion: 98 Resp: 1162274

Ion Ratio Lower Upper

98 100

100 65.8 53.8 80.6

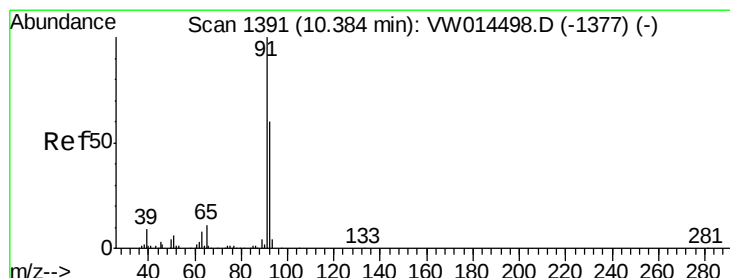
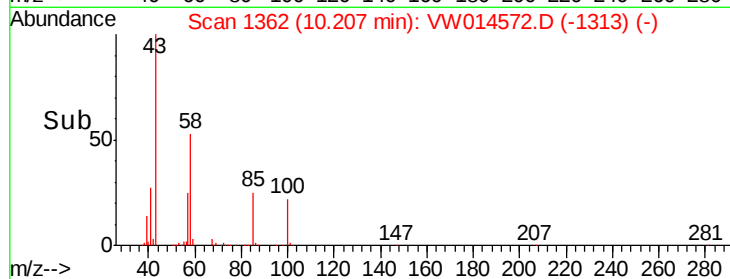
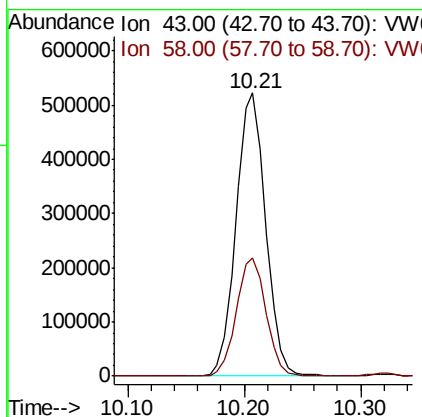
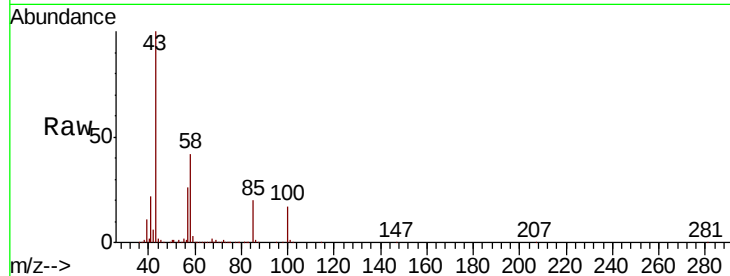




#51
 4-Methyl-2-Pentanone
 Concen: 227.350 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW014572.D
 Acq: 09 Jan 2020 09:55

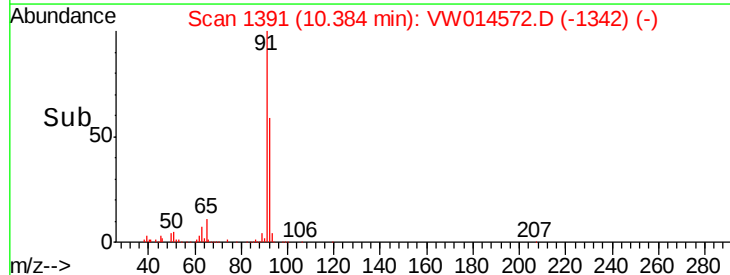
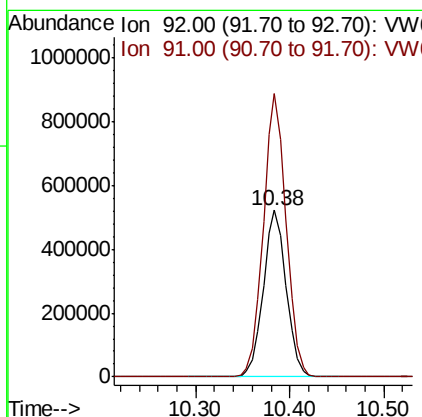
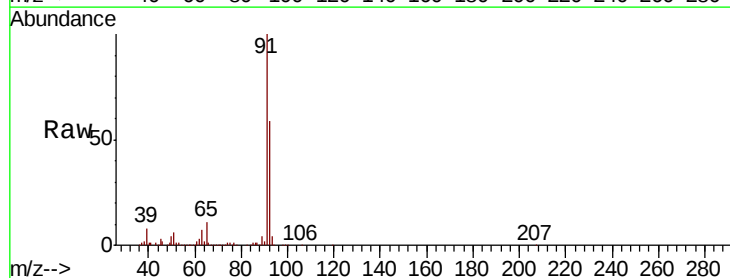
Instrument :
 MSVOA_W
 ClientSampleId :

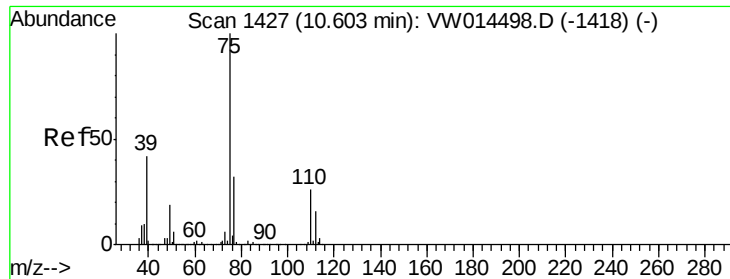
Tot Ion: 43 Resp: 924271
 Ion Ratio Lower Upper
 43 100
 58 41.9 32.7 49.1



#52
 Toluene
 Concen: 52.588 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW014572.D
 Acq: 09 Jan 2020 09:55

Tgt Ion: 92 Resp: 889798
 Ion Ratio Lower Upper
 92 100
 91 169.6 134.1 201.1





#53

t-1,3-Dichloropropene

Concen: 50.864 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW014572.D

Acq: 09 Jan 2020 09:55

Instrument :

MSVOA_W

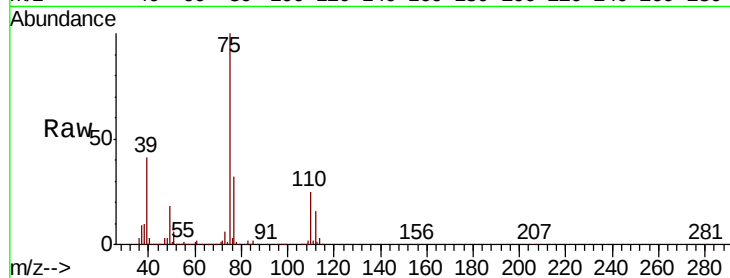
ClientSampled :

Tot Ion: 75 Resp: 423621

Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.60

250000

200000

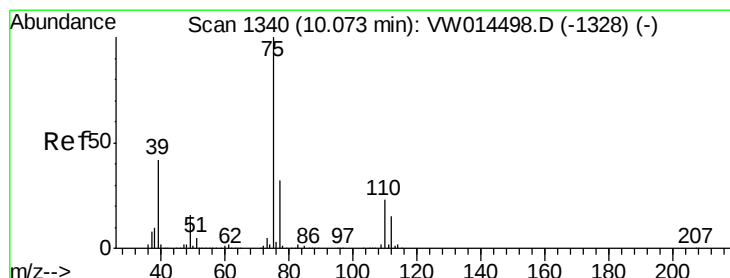
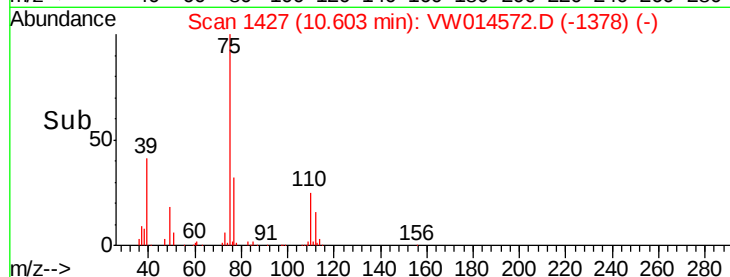
150000

100000

50000

0

Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 52.588 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.01 min

Lab File: VW014572.D

Acq: 09 Jan 2020 09:55

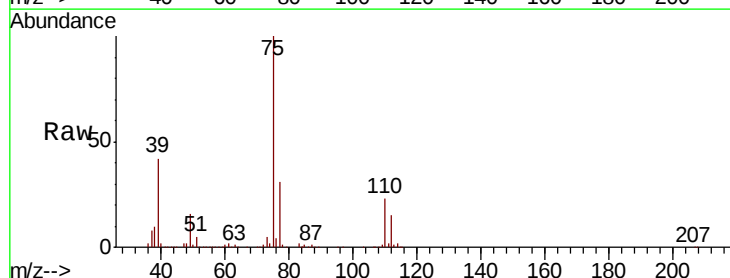
Tgt Ion: 75 Resp: 535289

Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.0

39 41.6 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

10.07

400000

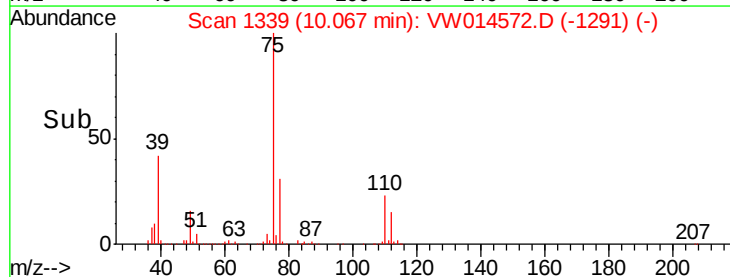
300000

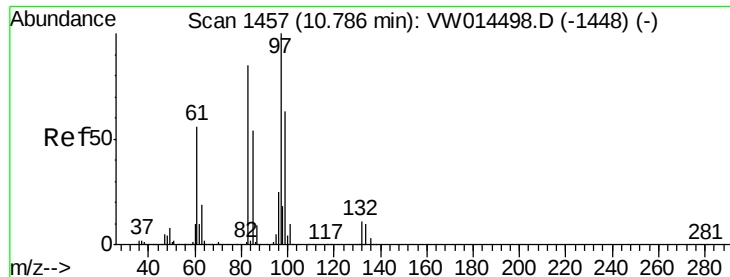
200000

100000

0

Time--> 10.00 10.10 10.20

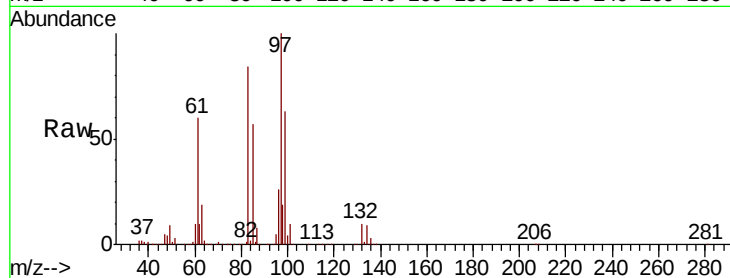




#55
 1,1,2-Trichloroethane
 Concen: 49.593 ug/l
 RT: 10.78 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: VW014572.D
 Acq: 09 Jan 2020 09:55

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	97	Resp:	235982
Ion	Ratio	Lower	Upper
97	100		
83	84.4	68.2	102.4
85	56.6	43.0	64.4
99	62.8	50.1	75.1



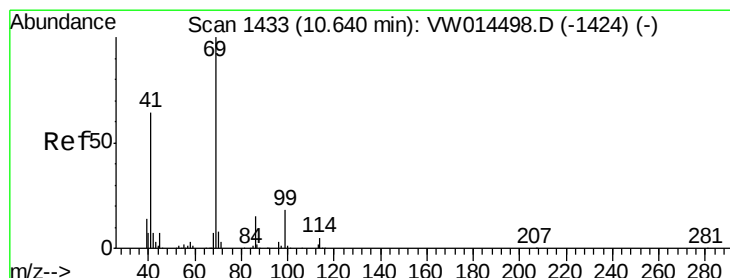
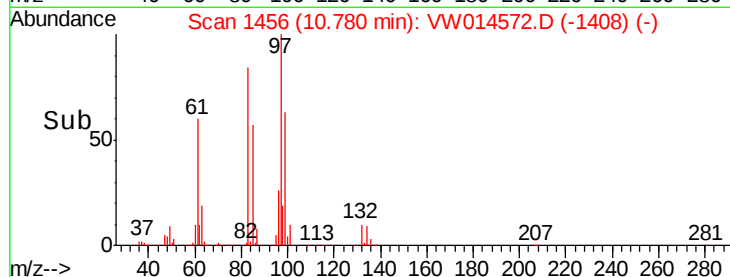
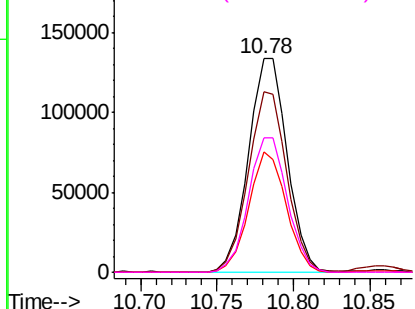
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

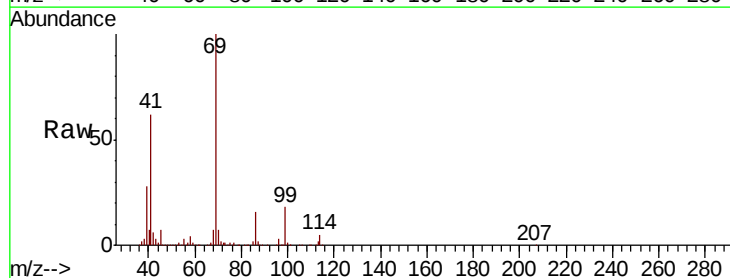
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 50.250 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: VW014572.D
 Acq: 09 Jan 2020 09:55

Tgt Ion:	69	Resp:	310747
Ion	Ratio	Lower	Upper
69	100		
41	62.9	51.3	76.9
39	28.2	21.0	31.6

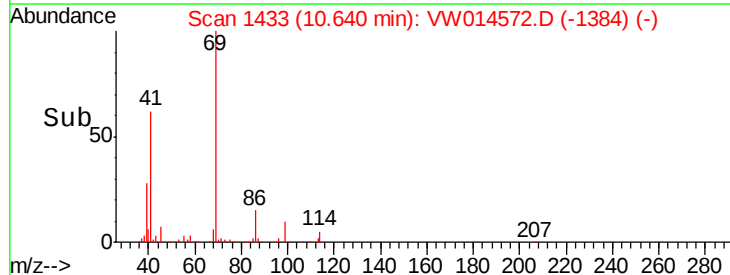
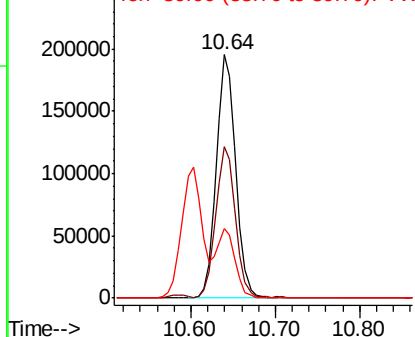


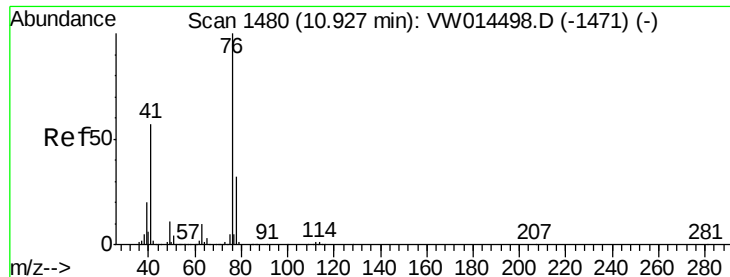
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

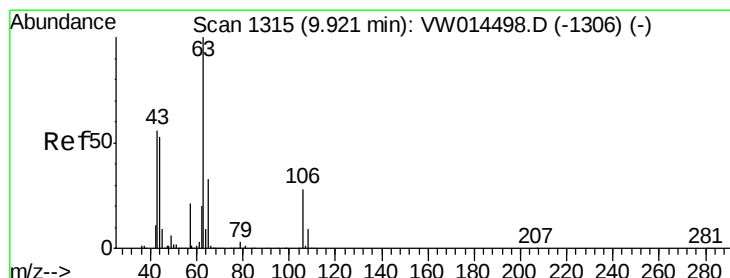
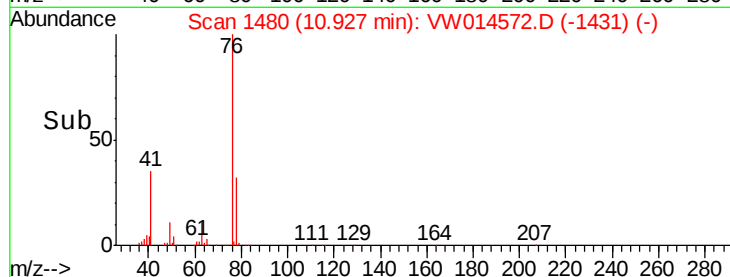
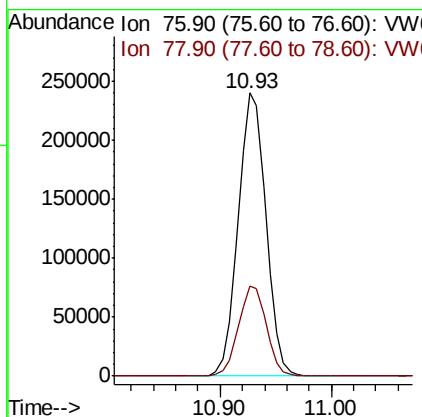
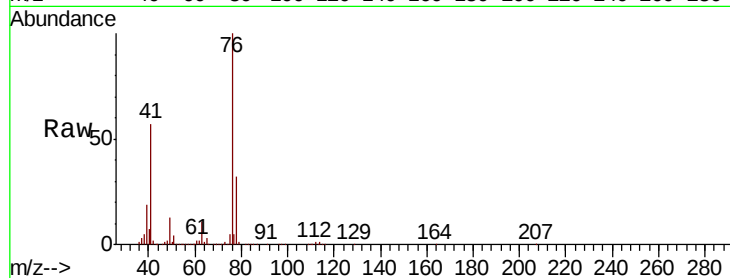




#57
 1,3-Dichloropropane
 Concen: 49.538 ug/l
 RT: 10.93 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VW014572.D
 Acq: 09 Jan 2020 09:55

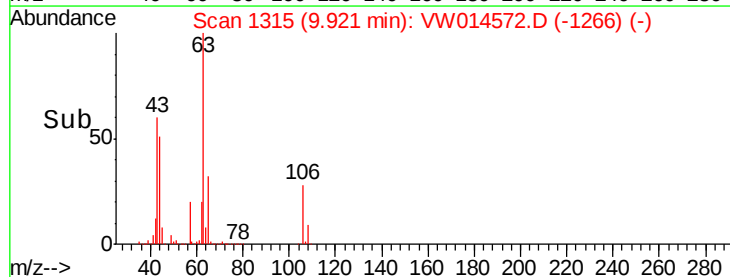
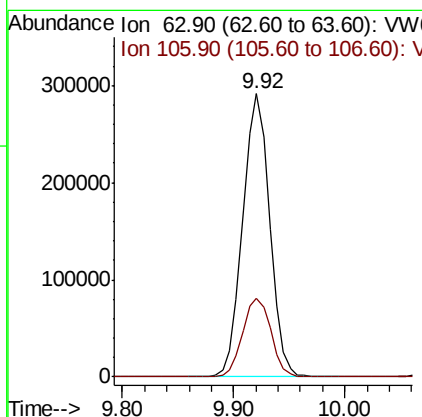
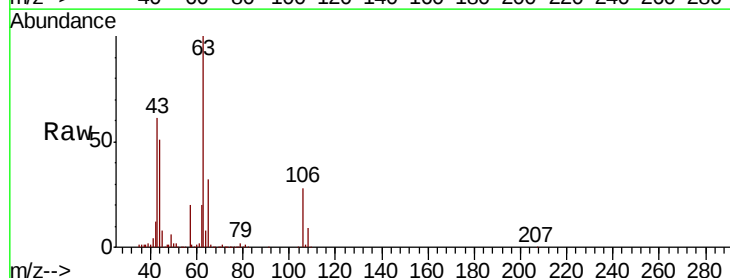
Instrument :
 MSVOA_W
 ClientSampled :

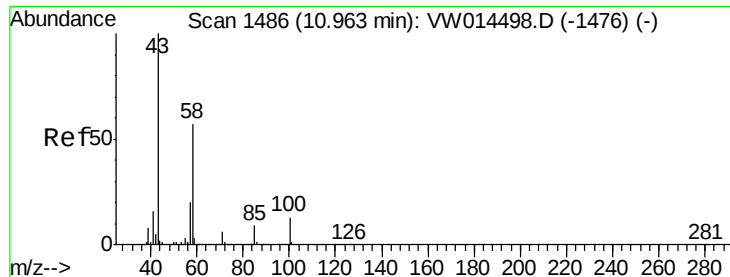
Tot Ion: 76 Resp: 414289
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 261.347 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW014572.D
 Acq: 09 Jan 2020 09:55

Tgt Ion: 63 Resp: 491534
 Ion Ratio Lower Upper
 63 100
 106 29.1 23.0 34.6

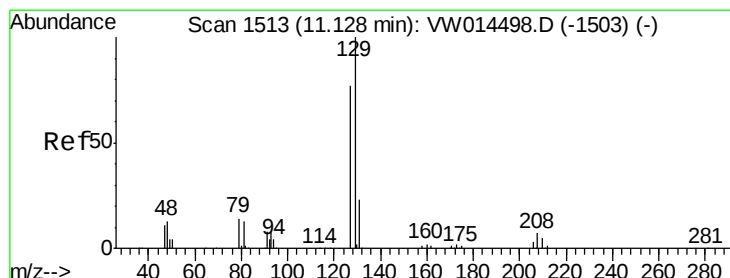
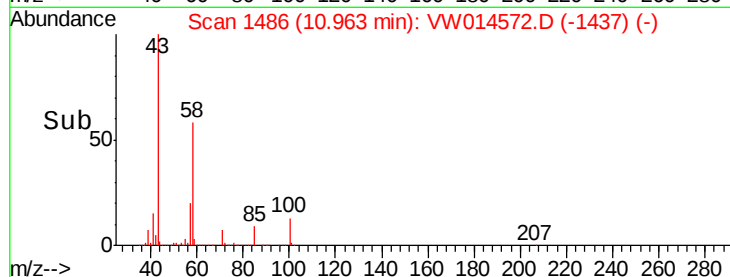
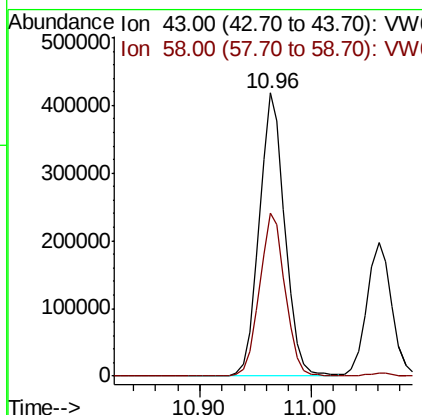
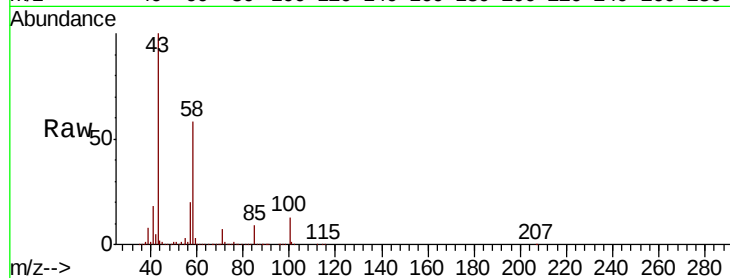




#59
2-Hexanone
Concen: 239.746 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VW014572.D
Acq: 09 Jan 2020 09:55

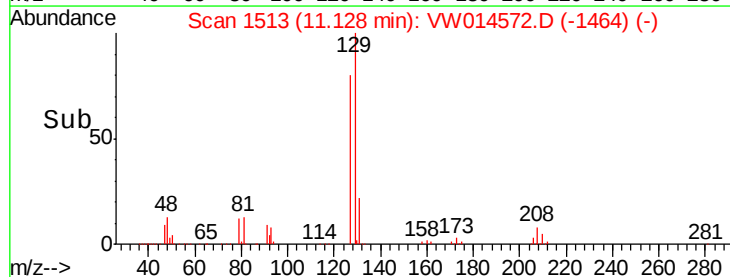
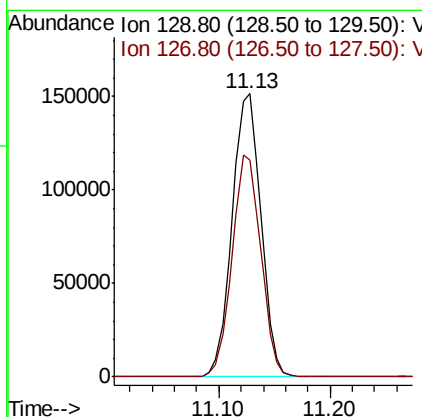
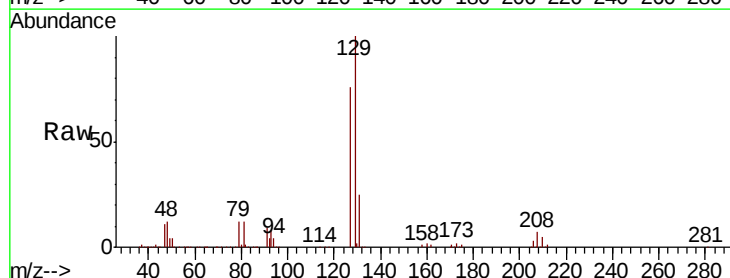
Instrument :
MSVOA_W
ClientSampled :

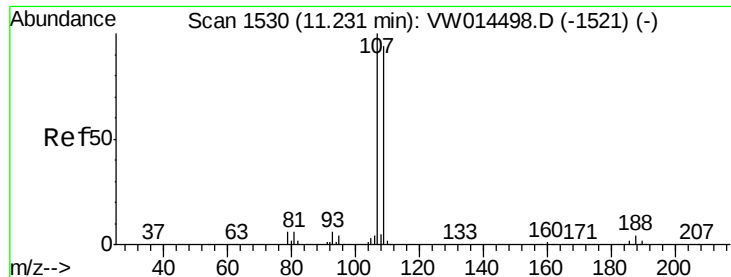
Tot Ion: 43 Resp: 671632
Ion Ratio Lower Upper
43 100
58 57.6 28.7 86.3



#60
Dibromochloromethane
Concen: 50.641 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW014572.D
Acq: 09 Jan 2020 09:55

Tgt Ion: 129 Resp: 271887
Ion Ratio Lower Upper
129 100
127 77.8 38.1 114.5

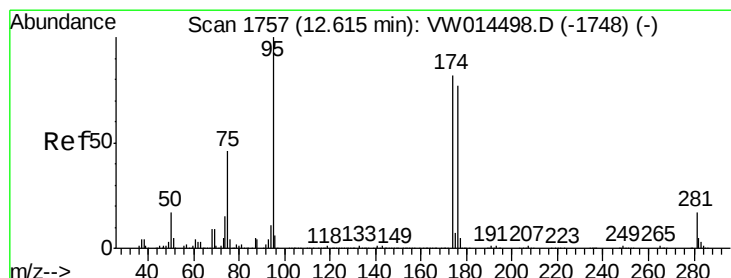
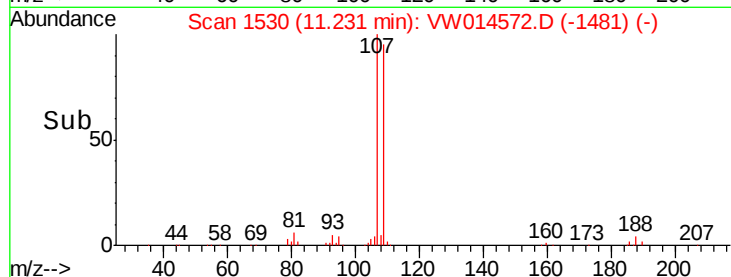
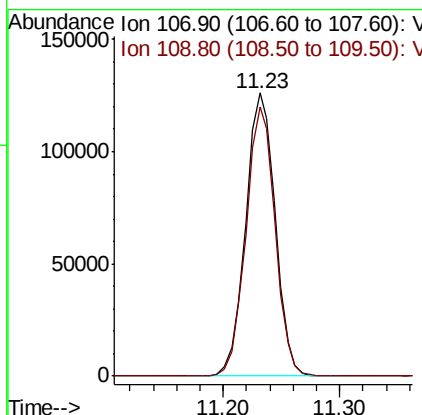
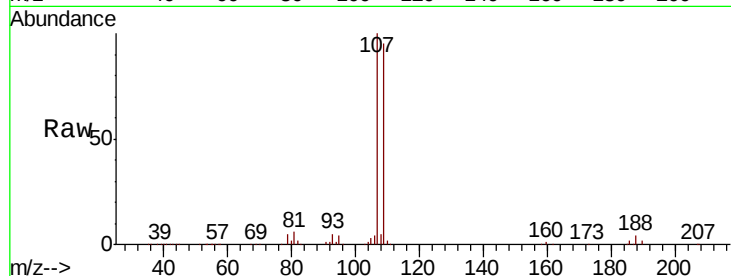




#61
 1,2-Dibromoethane
 Concen: 49.380 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW014572.D
 Acq: 09 Jan 2020 09:55

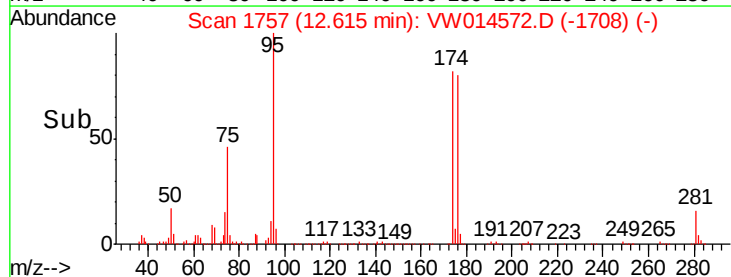
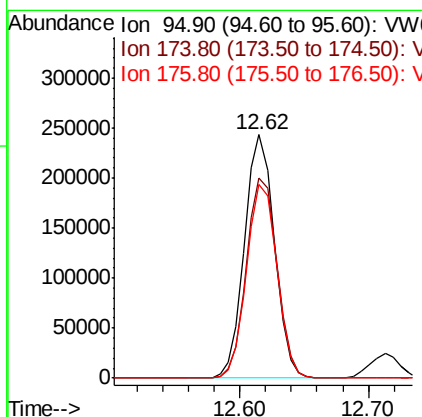
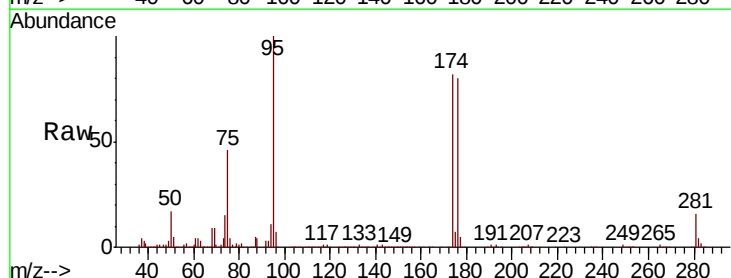
Instrument :
 MSVOA_W
 ClientSampleId :

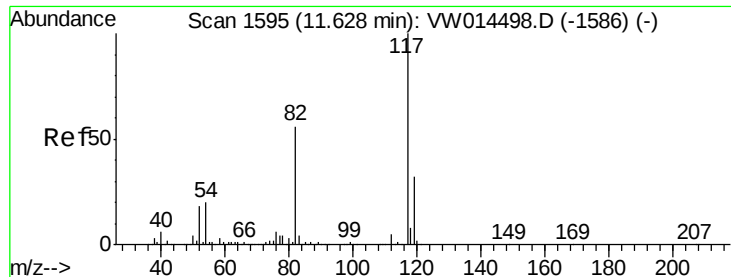
Tot Ion: 107 Resp: 223042
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 48.769 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW014572.D
 Acq: 09 Jan 2020 09:55

Tgt Ion: 95 Resp: 389027
 Ion Ratio Lower Upper
 95 100
 174 84.3 0.0 168.6
 176 81.0 0.0 162.0

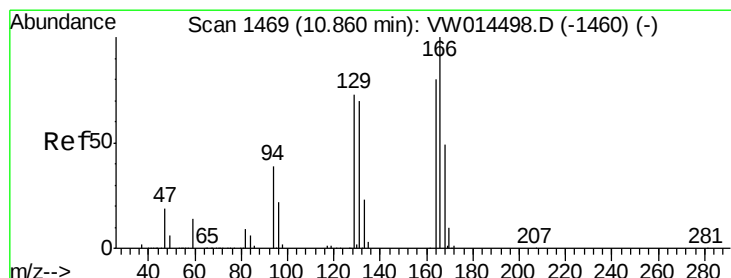
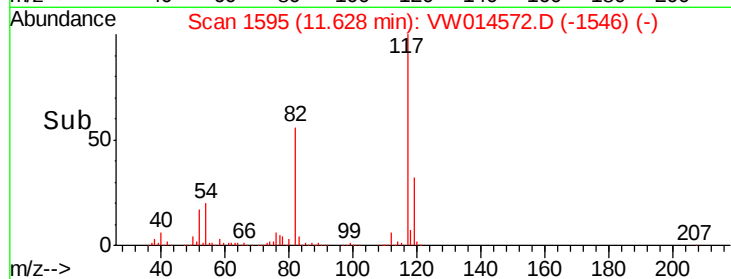
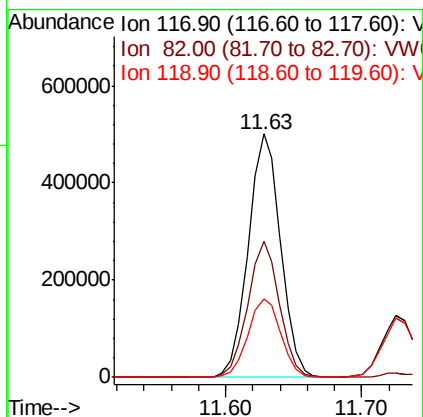
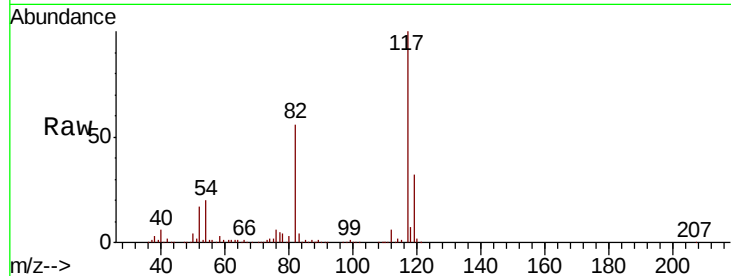




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014572.D
Acq: 09 Jan 2020 09:55

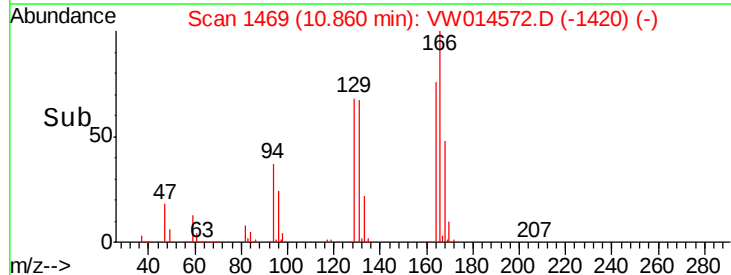
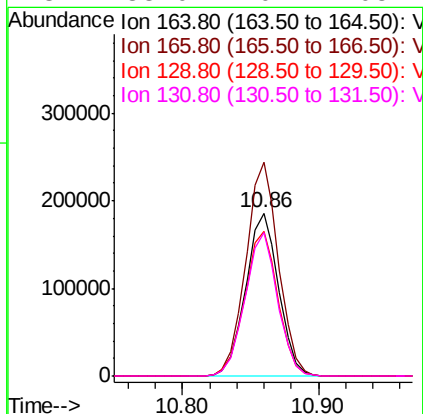
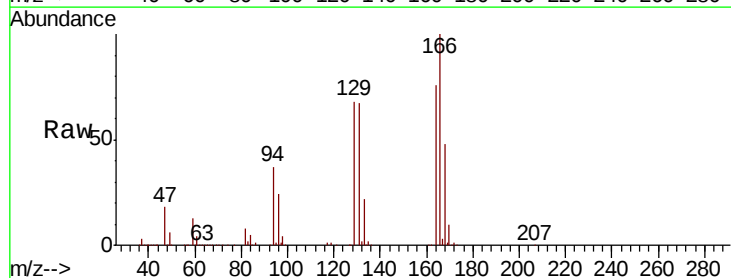
Instrument :
MSVOA_W
ClientSampleId :

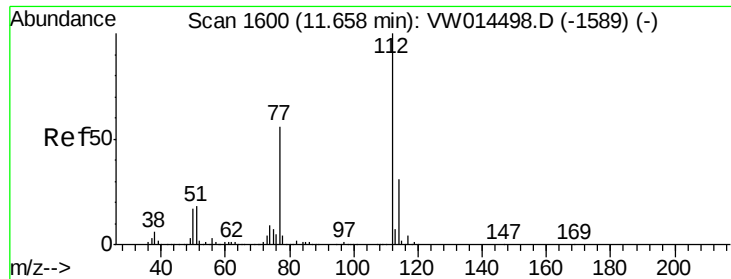
Tot Ion:117 Resp: 834480
Ion Ratio Lower Upper
117 100
82 55.9 44.6 67.0
119 32.5 25.7 38.5



#64
Tetrachloroethene
Concen: 51.991 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW014572.D
Acq: 09 Jan 2020 09:55

Tgt Ion:164 Resp: 314096
Ion Ratio Lower Upper
164 100
166 131.0 99.8 149.6
129 89.1 72.4 108.6
131 88.0 70.1 105.1

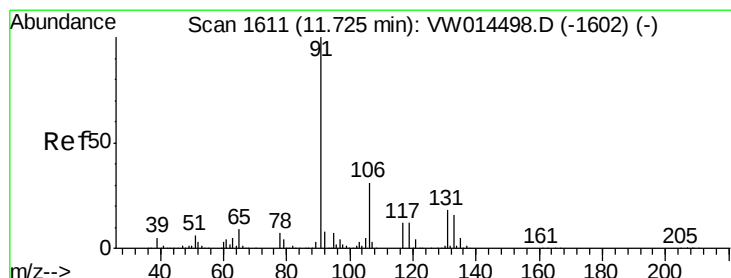
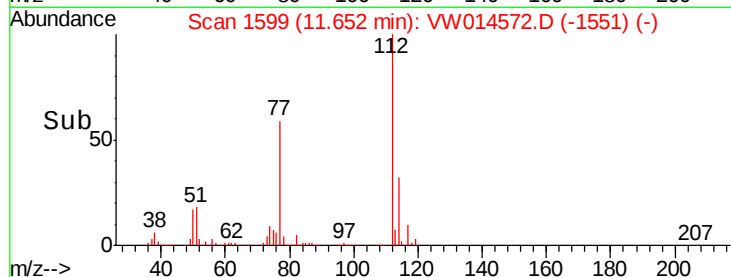
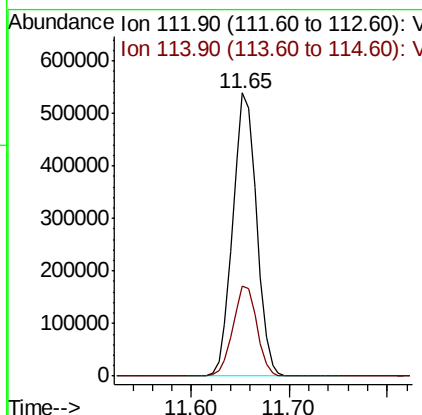
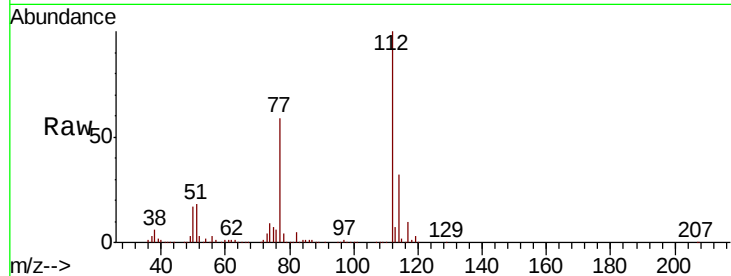




#65
Chlorobenzene
Concen: 53.216 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW014572.D
Acq: 09 Jan 2020 09:55

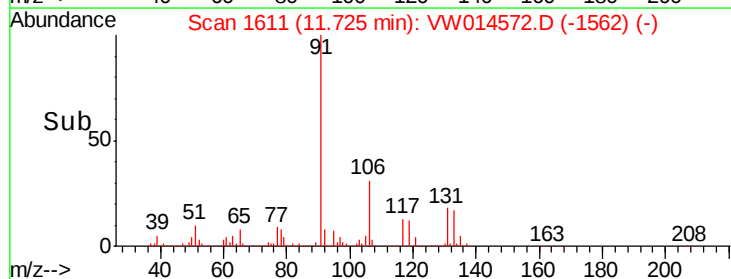
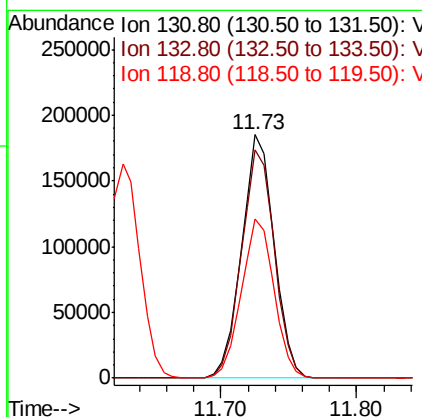
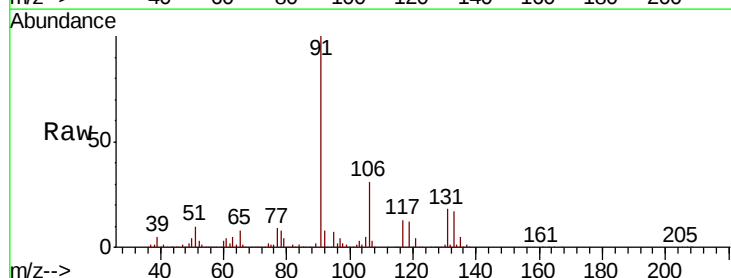
Instrument :
MSVOA_W
ClientSampled :

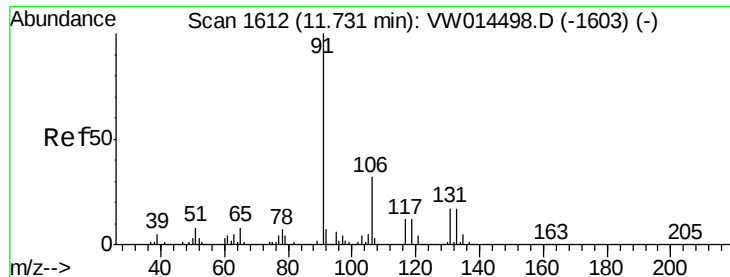
Tot Ion:112 Resp: 909774
Ion Ratio Lower Upper
112 100
114 31.6 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 53.758 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VW014572.D
Acq: 09 Jan 2020 09:55

Tgt Ion:131 Resp: 309439
Ion Ratio Lower Upper
131 100
133 95.3 47.3 142.0
119 65.9 33.1 99.3

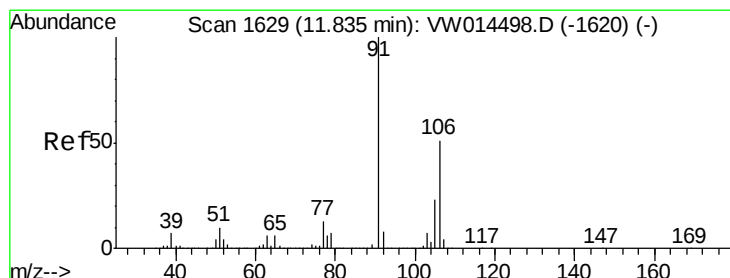
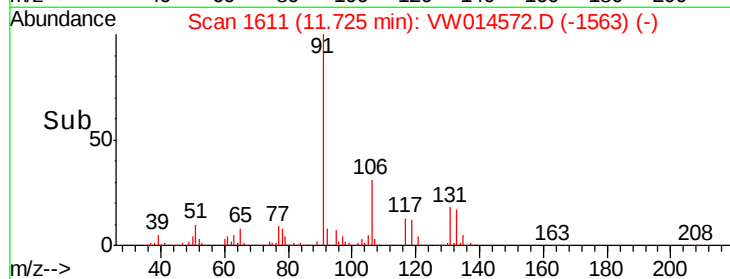
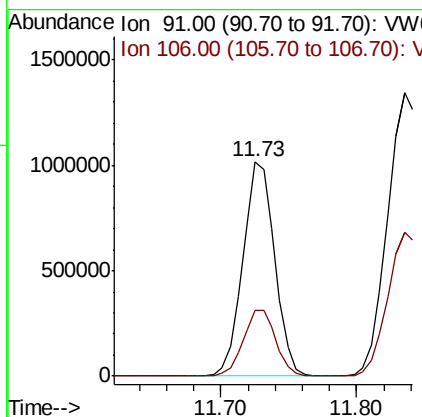
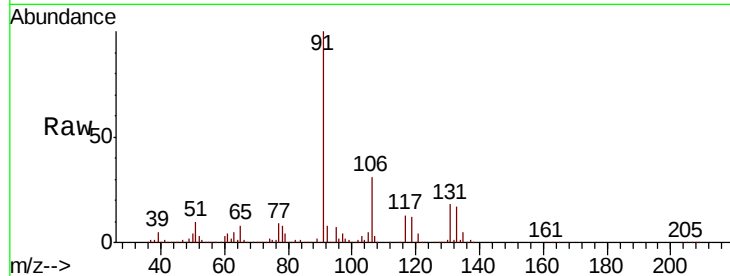




#67
Ethyl Benzene
Concen: 53.960 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW014572.D
Acq: 09 Jan 2020 09:55

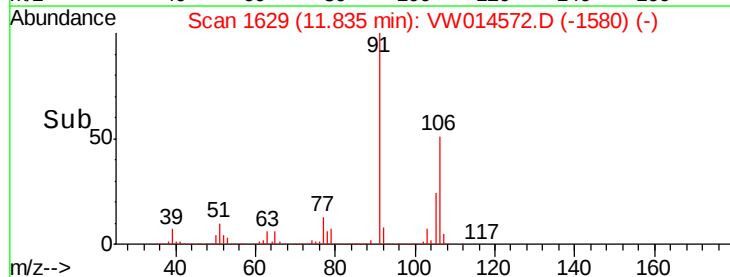
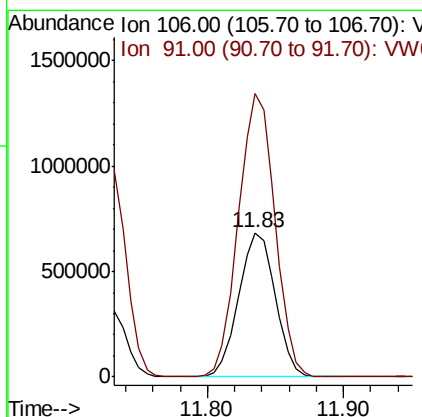
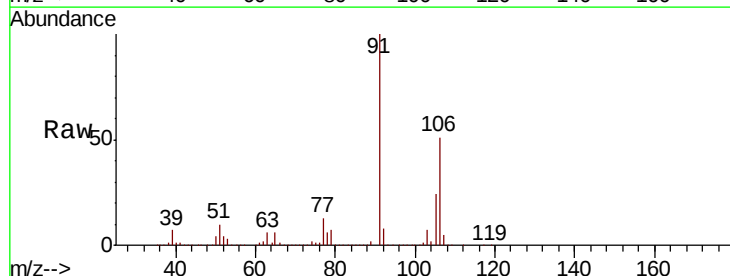
Instrument :
MSVOA_W
ClientSampleId :

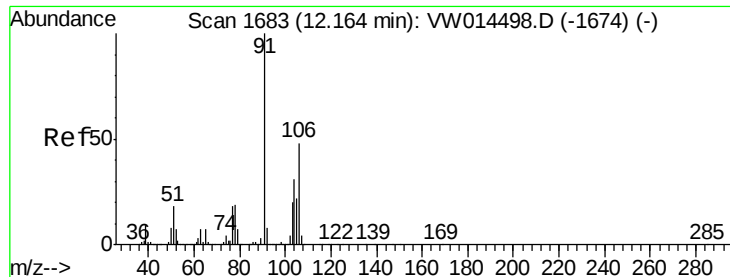
Tot Ion: 91 Resp: 1662481
Ion Ratio Lower Upper
91 100
106 30.8 25.5 38.3



#68
m/p-Xylenes
Concen: 108.696 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW014572.D
Acq: 09 Jan 2020 09:55

Tgt Ion:106 Resp: 1281693
Ion Ratio Lower Upper
106 100
91 196.4 159.0 238.6

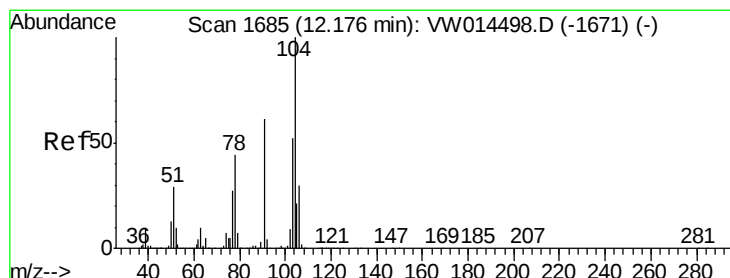
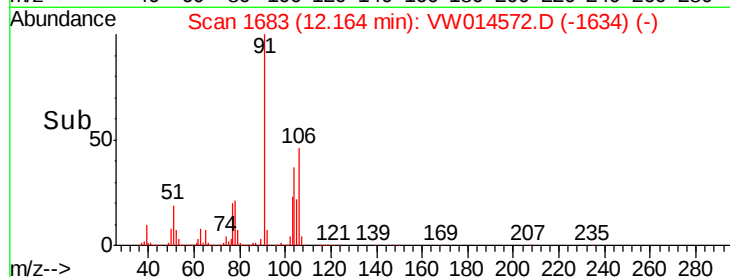
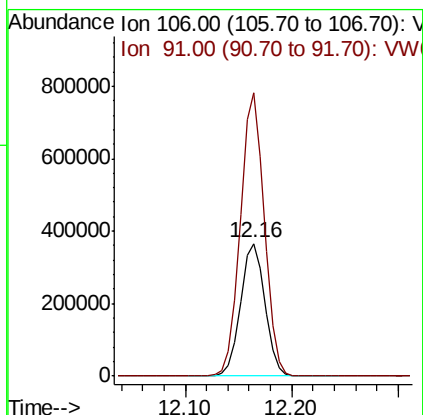
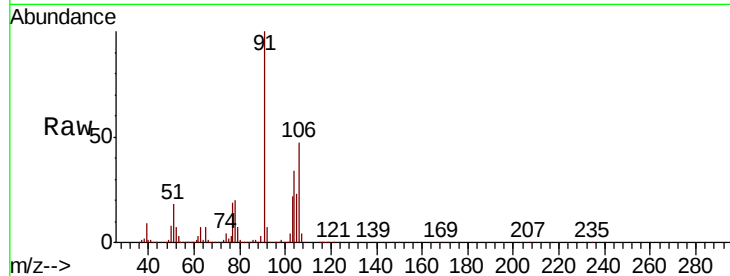




#69
o-Xylene
Concen: 54.080 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW014572.D
Acq: 09 Jan 2020 09:55

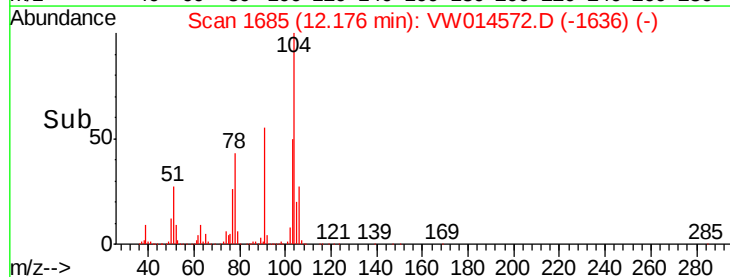
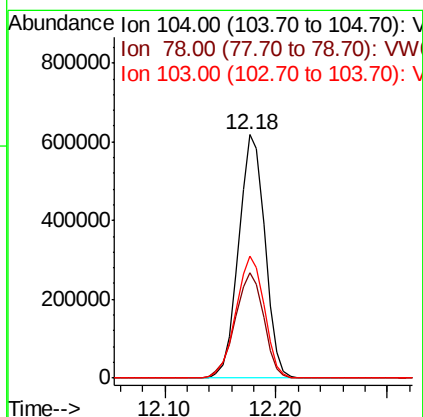
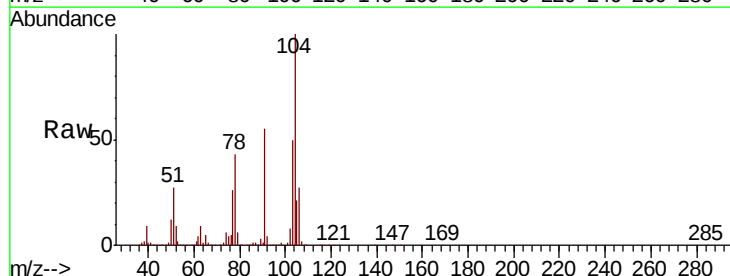
Instrument :
MSVOA_W
ClientSampled :

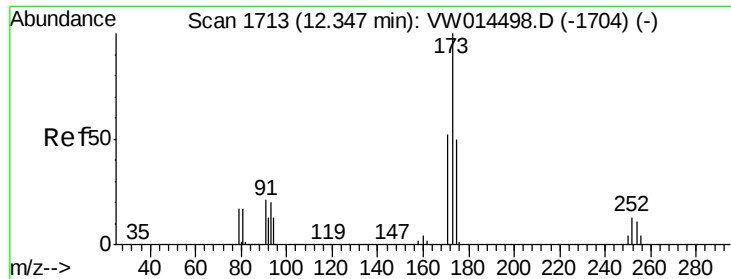
Tot Ion:106 Resp: 589036
Ion Ratio Lower Upper
106 100
91 209.8 105.2 315.6



#70
Styrene
Concen: 54.921 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VW014572.D
Acq: 09 Jan 2020 09:55

Tgt Ion:104 Resp: 1011801
Ion Ratio Lower Upper
104 100
78 47.0 38.4 57.6
103 54.2 43.7 65.5

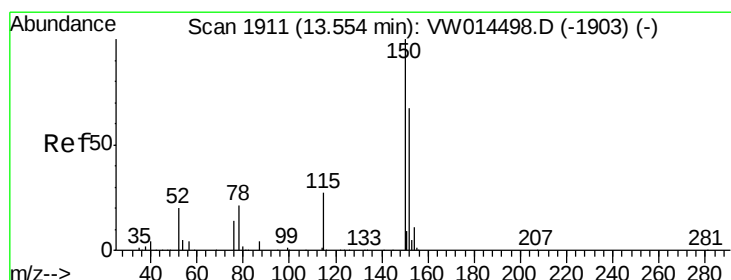
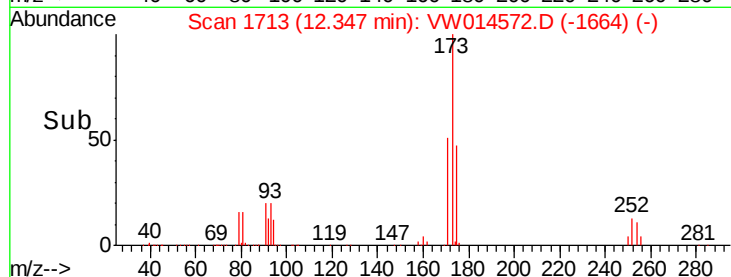
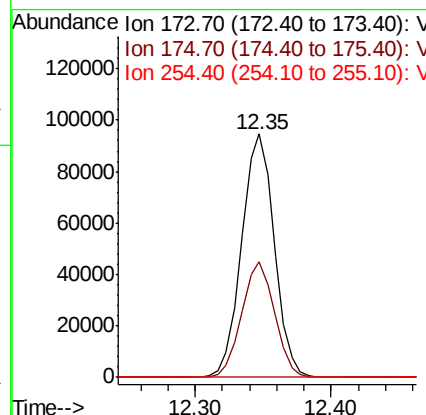
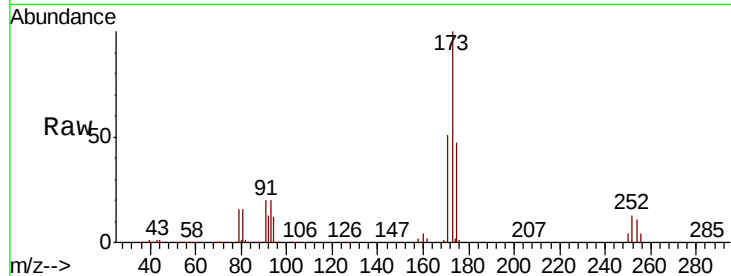




#71
Bromoform
Concen: 50.357 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW014572.D
Acq: 09 Jan 2020 09:55

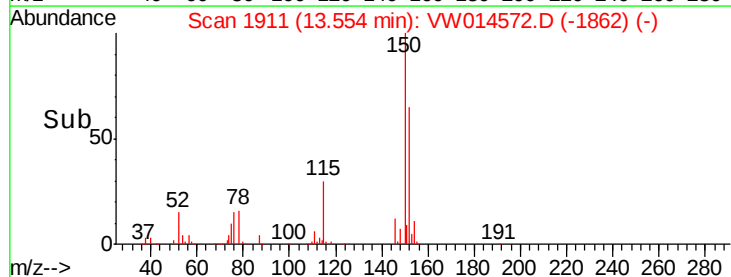
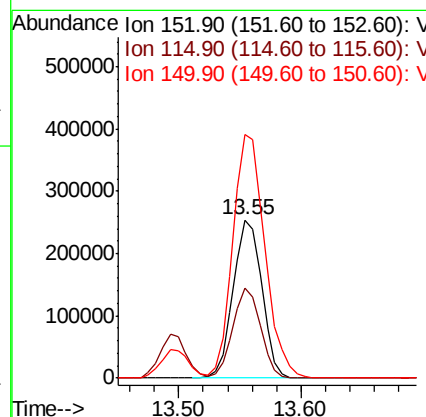
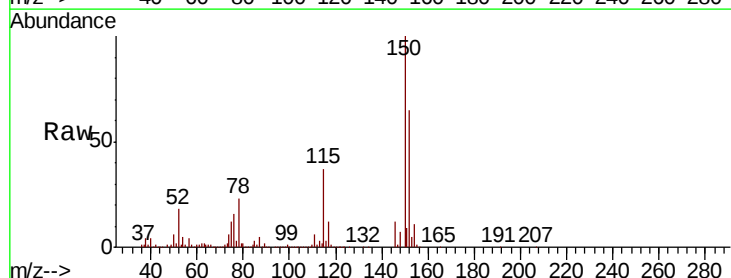
Instrument :
MSVOA_W
ClientSampleId :

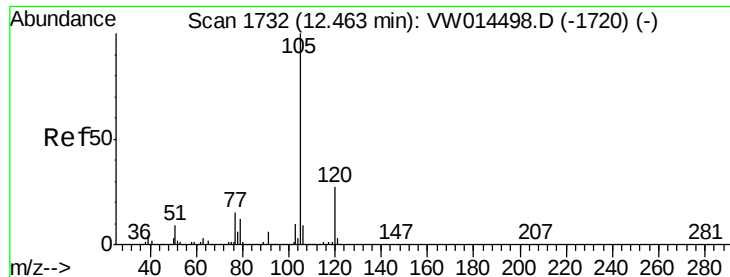
Tot Ion:173 Resp: 158106
Ion Ratio Lower Upper
173 100
175 48.1 24.5 73.5
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. 0.00 min
Lab File: VW014572.D
Acq: 09 Jan 2020 09:55

Tgt Ion:152 Resp: 409421
Ion Ratio Lower Upper
152 100
115 55.2 27.7 83.1
150 171.9 0.0 343.4





#73

Isopropylbenzene

Concen: 54.059 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW014572.D

Acq: 09 Jan 2020 09:55

Instrument :

MSVOA_W

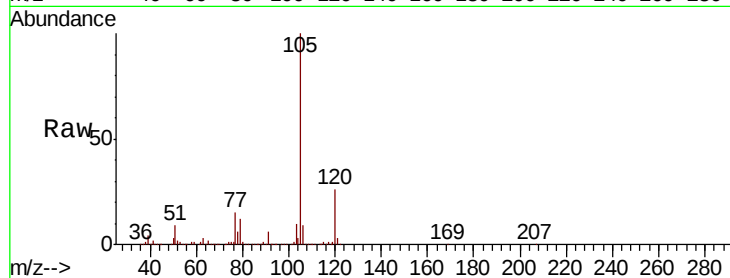
ClientSampled :

Tot Ion:105 Resp: 1623996

Ion Ratio Lower Upper

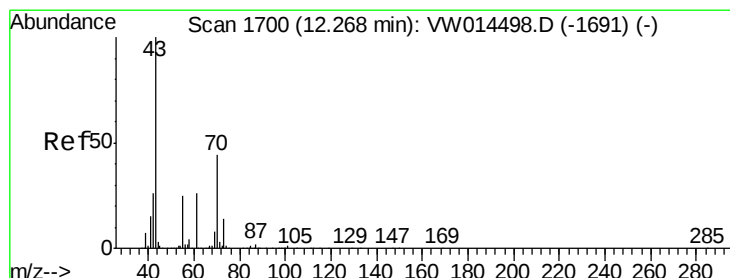
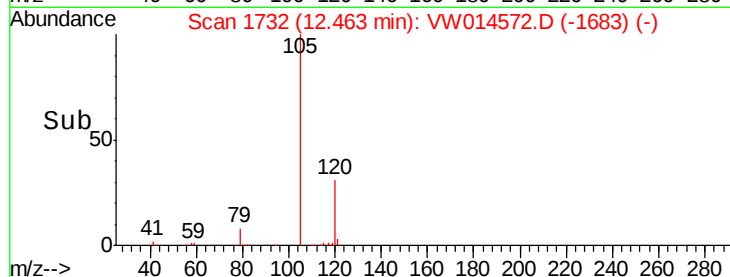
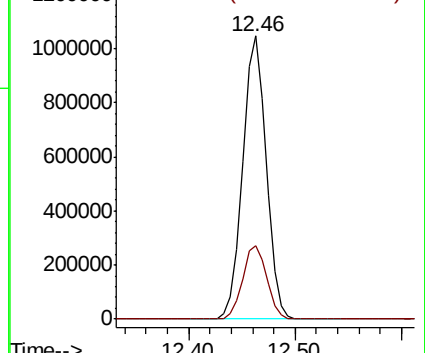
105 100

120 26.6 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: 48.296 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VW014572.D

Acq: 09 Jan 2020 09:55

Tgt Ion: 43 Resp: 325313

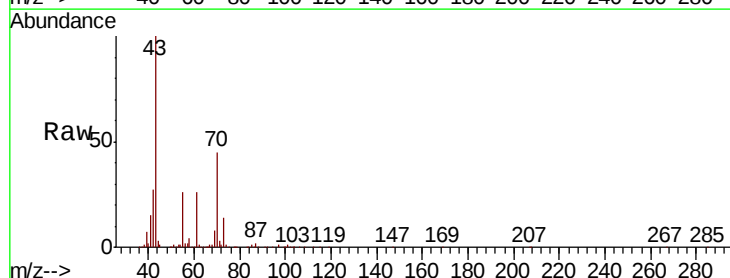
Ion Ratio Lower Upper

43 100

70 45.7 36.5 54.7

55 26.3 20.9 31.3

61 26.0 20.7 31.1

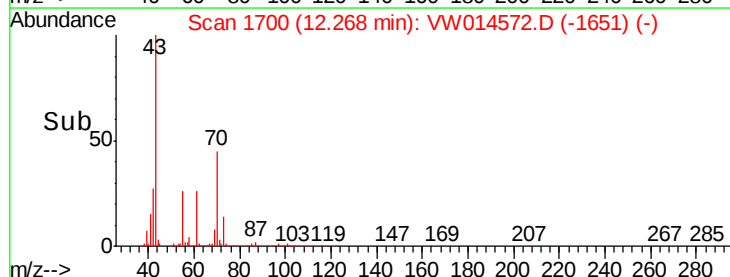
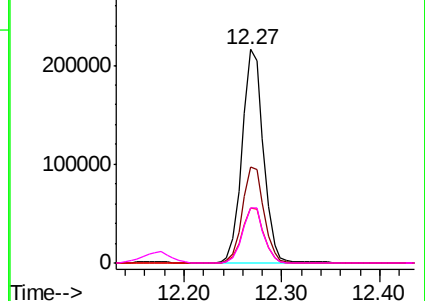


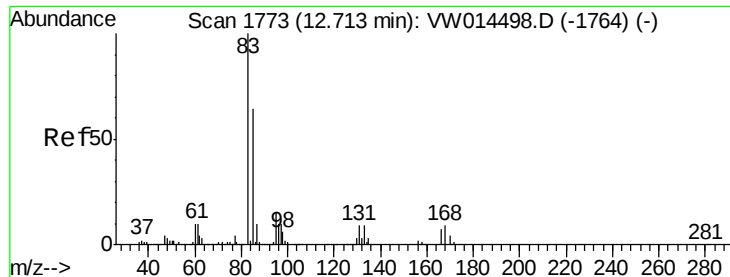
Abundance Ion 43.00 (42.70 to 43.70): VV

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: 48.018 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW014572.D

Acq: 09 Jan 2020 09:55

Instrument :

MSVOA_W

ClientSampleId :

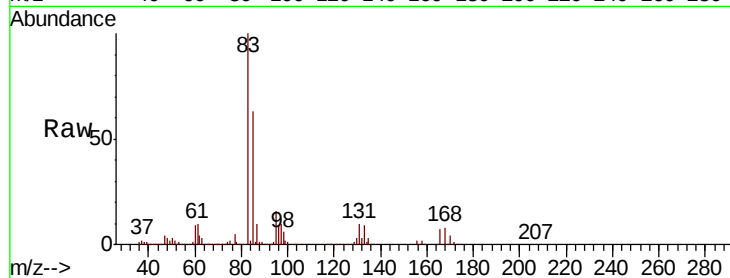
Tot Ion: 83 Resp: 260371

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

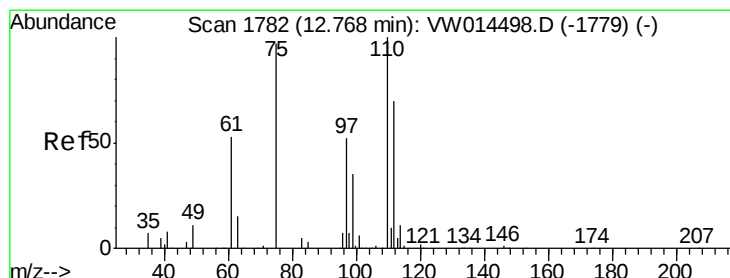
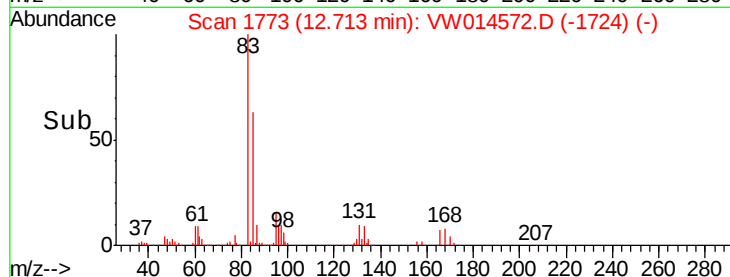
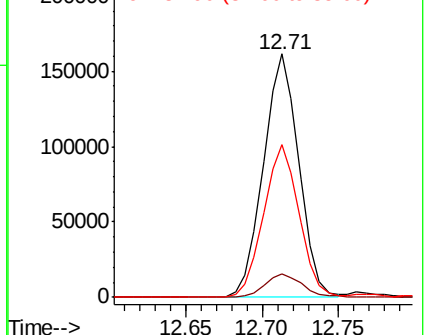
85 62.9 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 85.984 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW014572.D

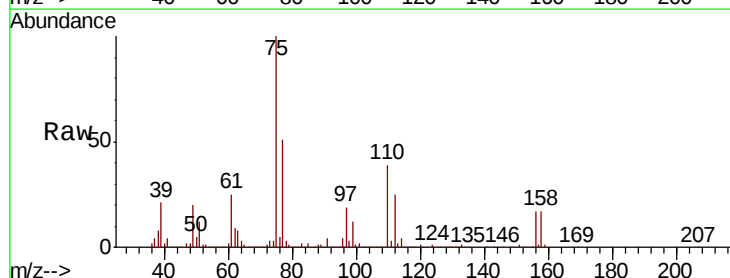
Acq: 09 Jan 2020 09:55

Tgt Ion: 75 Resp: 332845

Ion Ratio Lower Upper

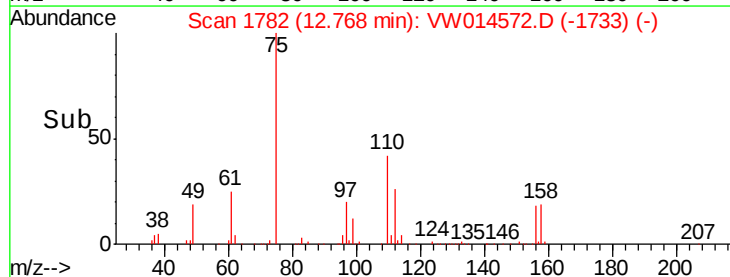
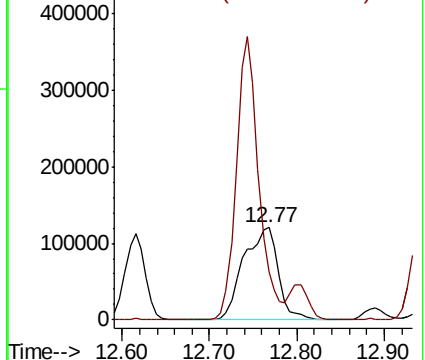
75 100

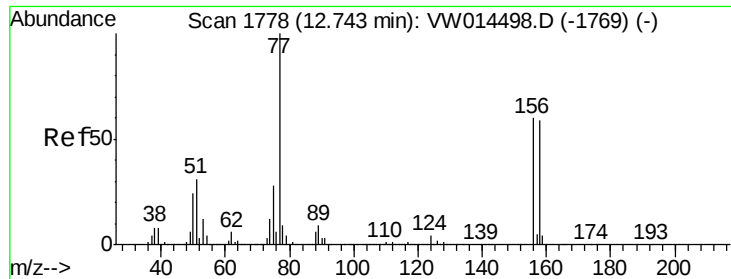
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 52.976 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW014572.D

Acq: 09 Jan 2020 09:55

Instrument :

MSVOA_W

ClientSampled :

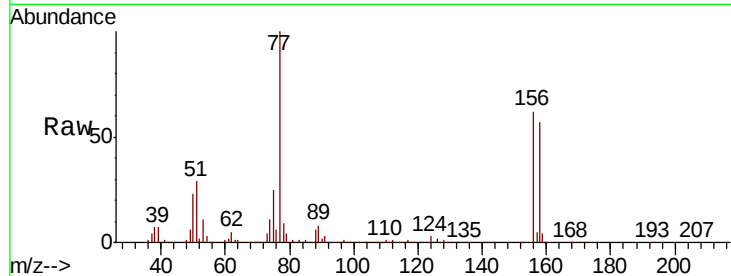
Tot Ion:156 Resp: 369630

Ion Ratio Lower Upper

156 100

77 179.7 92.3 277.1

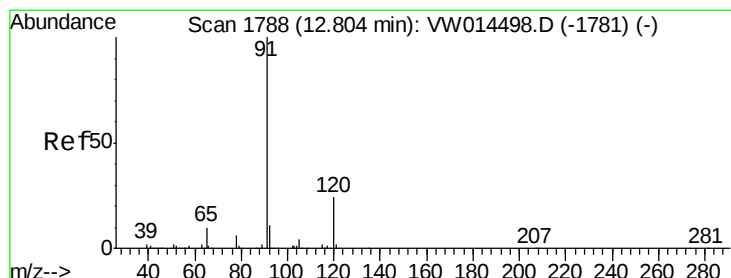
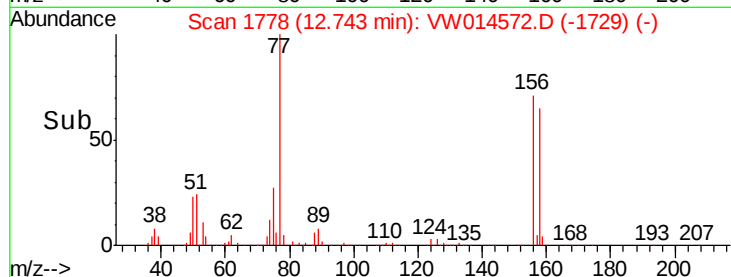
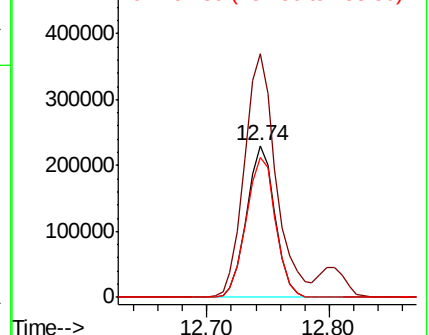
158 95.8 48.6 145.9



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: 54.317 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW014572.D

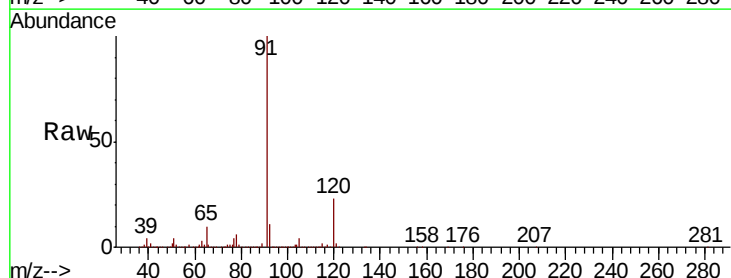
Acq: 09 Jan 2020 09:55

Tgt Ion: 91 Resp: 1918778

Ion Ratio Lower Upper

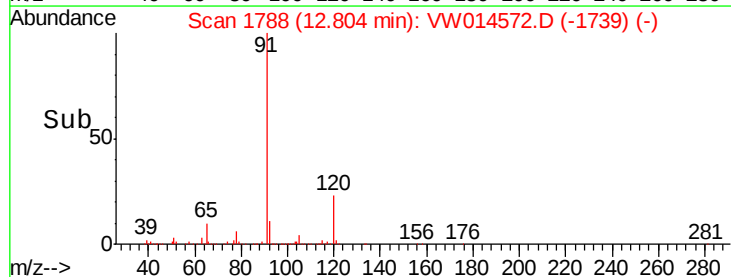
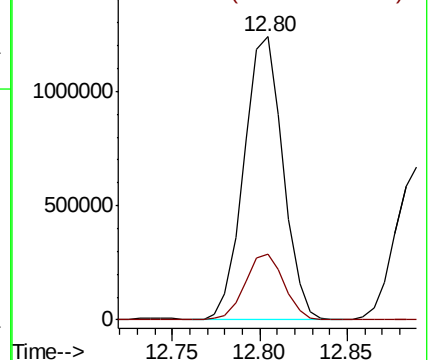
91 100

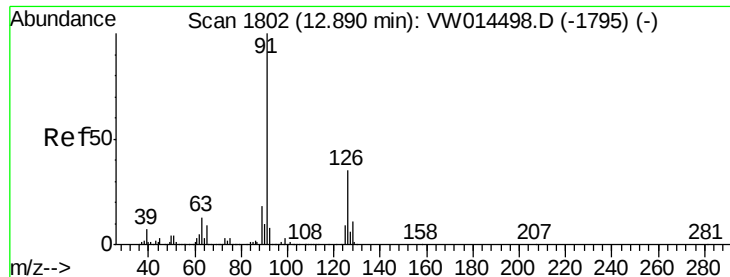
120 23.2 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.400 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW014572.D

Acq: 09 Jan 2020 09:55

Instrument :

MSVOA_W

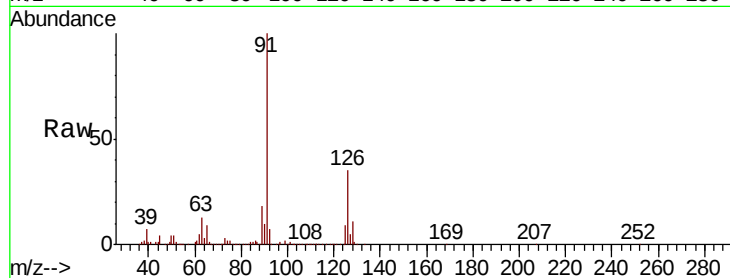
ClientSampleId :

Tot Ion: 91 Resp: 1073501

Ion Ratio Lower Upper

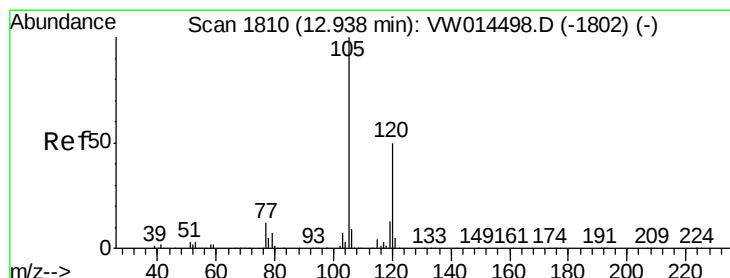
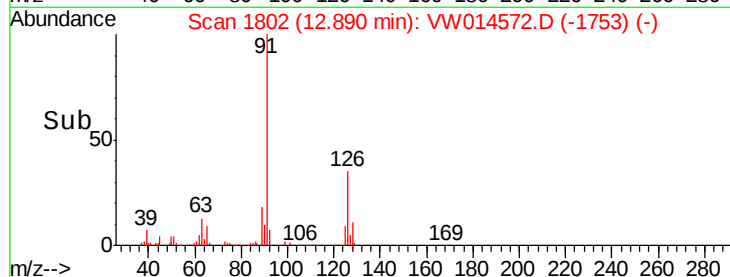
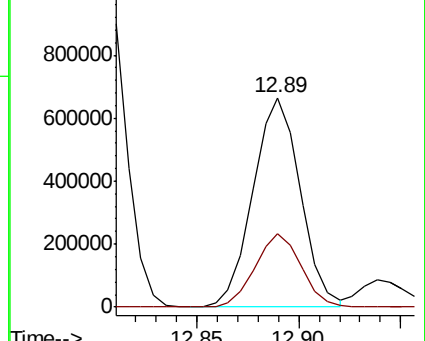
91 100

126 34.1 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VW014498.D (-1795) (-)

Ion 125.90 (125.60 to 126.60): VW014498.D (-1795) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.701 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW014572.D

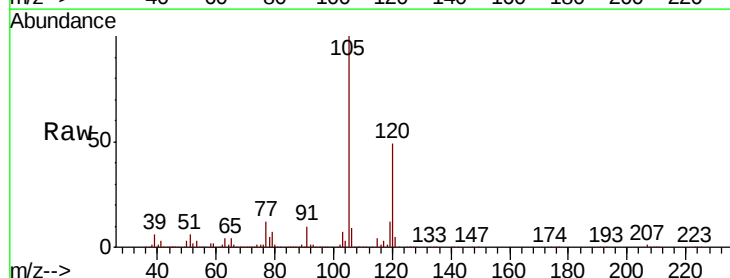
Acq: 09 Jan 2020 09:55

Tgt Ion: 105 Resp: 1354548

Ion Ratio Lower Upper

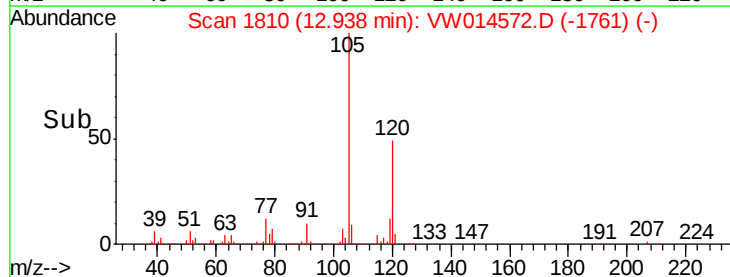
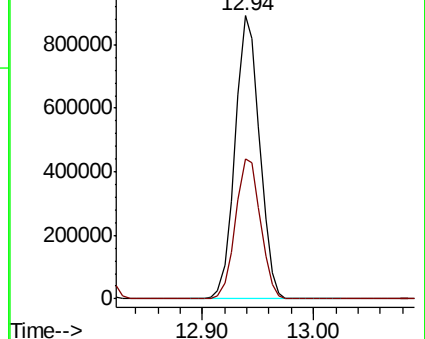
105 100

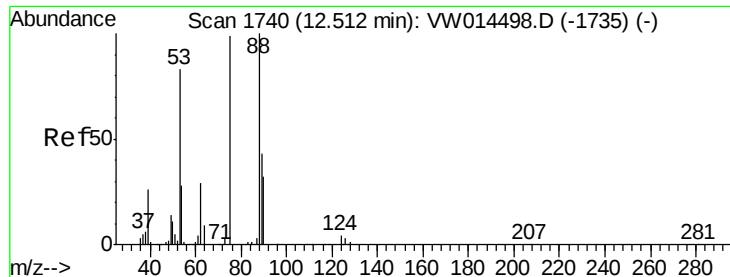
120 50.6 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): VW014498.D (-1802) (-)

Ion 120.00 (119.70 to 120.70): VW014498.D (-1802) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 50.281 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW014572.D

Acq: 09 Jan 2020 09:55

Instrument :

MSVOA_W

ClientSampleId :

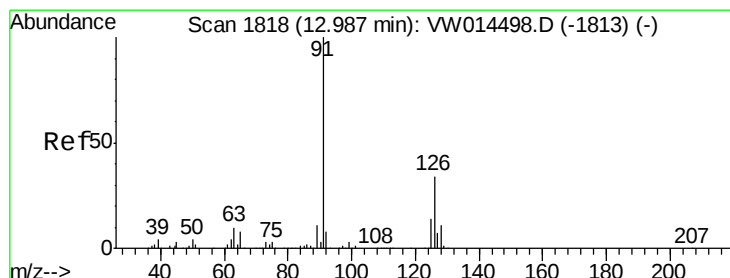
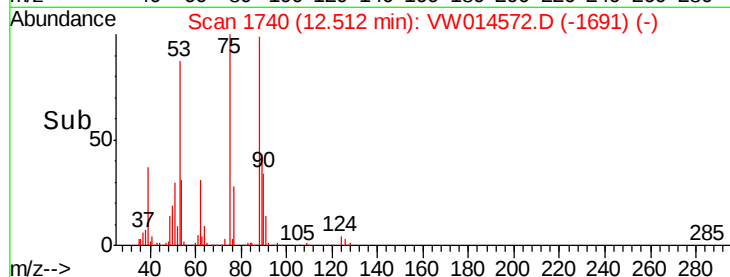
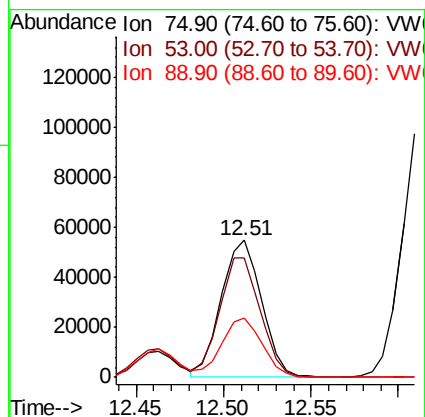
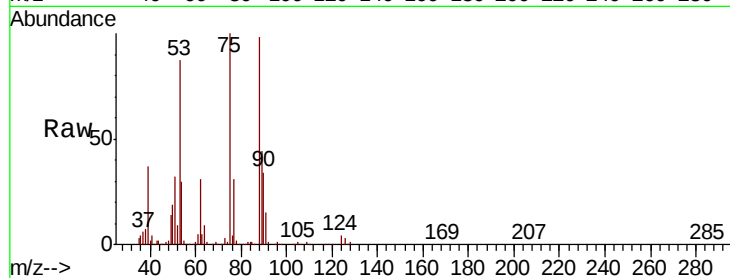
Tot Ion: 75 Resp: 87359

Ion Ratio Lower Upper

75 100

53 88.4 70.9 106.3

89 44.6 35.8 53.8



#82

4-Chlorotoluene

Concen: 53.596 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW014572.D

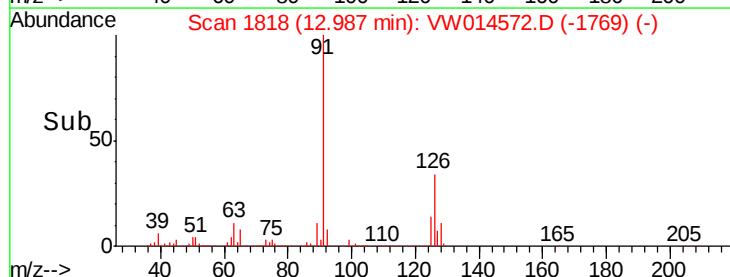
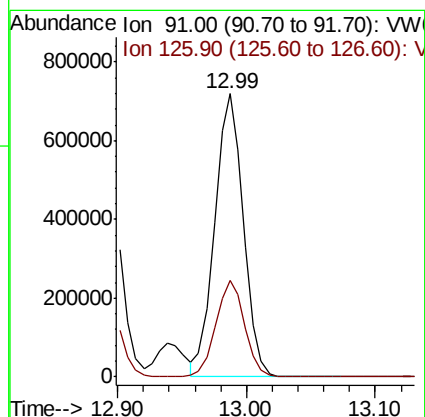
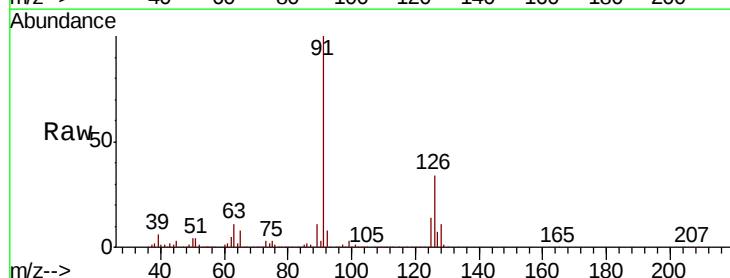
Acq: 09 Jan 2020 09:55

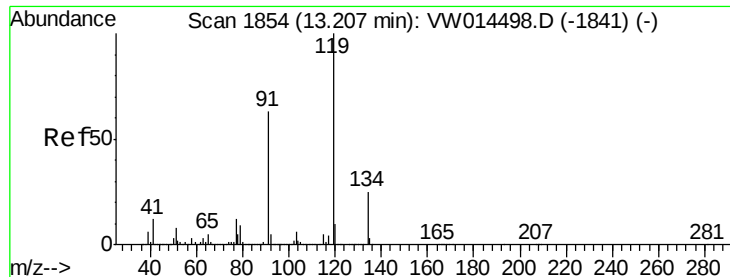
Tgt Ion: 91 Resp: 1119396

Ion Ratio Lower Upper

91 100

126 34.1 17.1 51.2

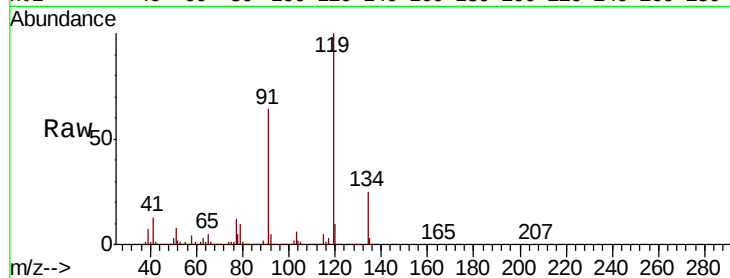




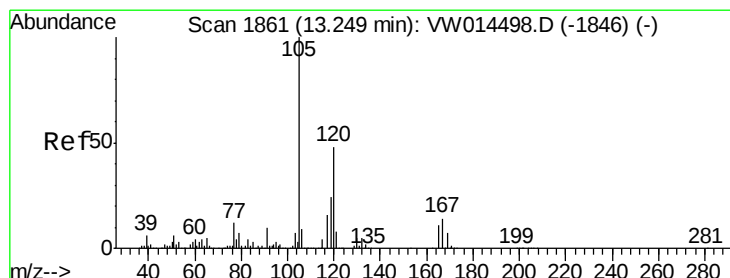
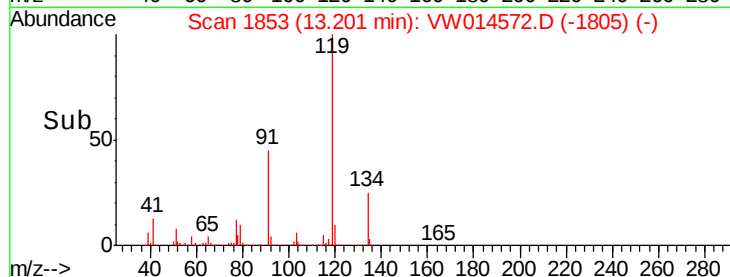
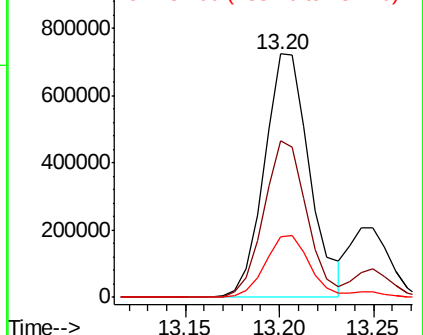
#83
tert-Butylbenzene
Concen: 54.567 ug/l
RT: 13.20 min Scan# 1853
Delta R.T. -0.01 min
Lab File: VW014572.D
Acq: 09 Jan 2020 09:55

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:119 Resp: 1205062
Ion Ratio Lower Upper
119 100
91 61.2 31.1 93.3
134 25.1 13.5 40.5

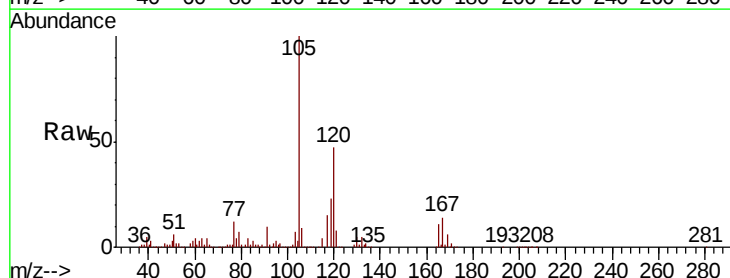


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

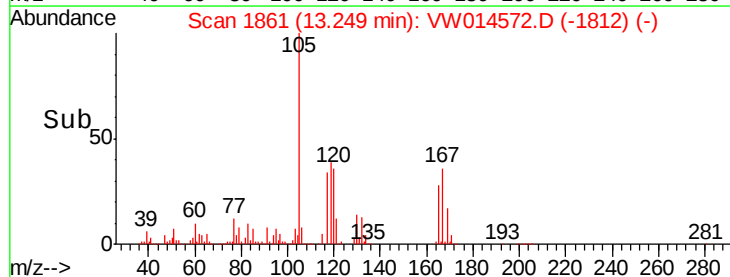
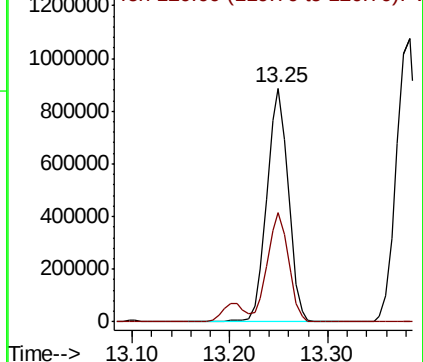


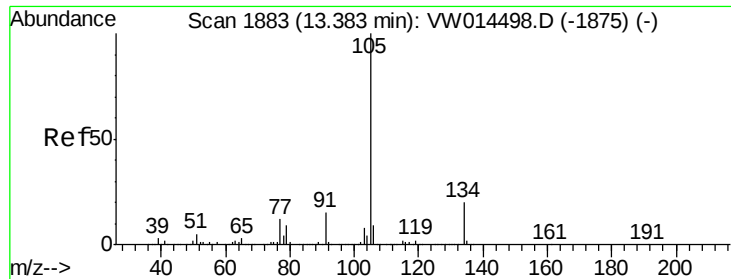
#84
1,2,4-Trimethylbenzene
Concen: 53.797 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW014572.D
Acq: 09 Jan 2020 09:55

Tgt Ion:105 Resp: 1350377
Ion Ratio Lower Upper
105 100
120 46.3 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

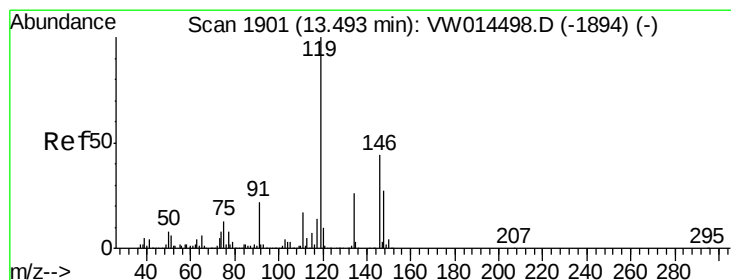
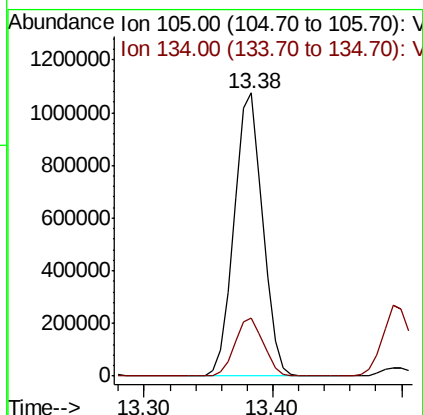
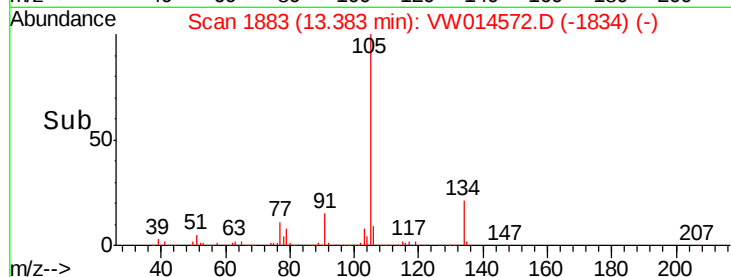
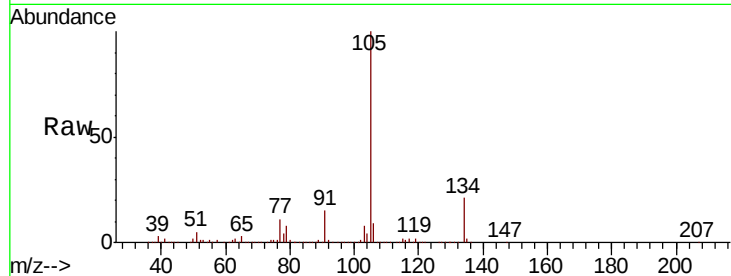




#85
 sec-Butylbenzene
 Concen: 54.079 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW014572.D
 Acq: 09 Jan 2020 09:55

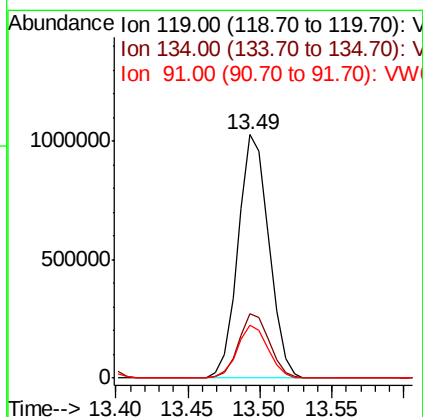
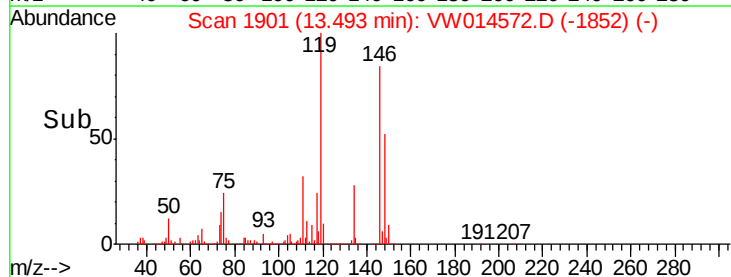
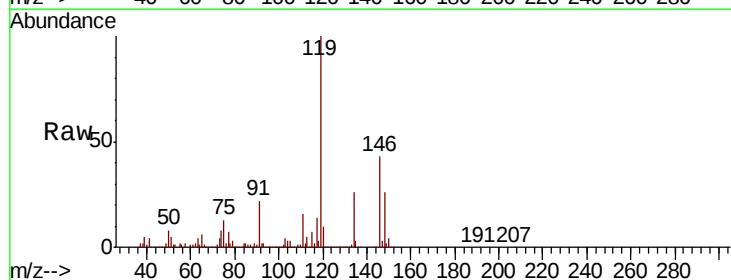
Instrument :
 MSVOA_W
 ClientSampled :

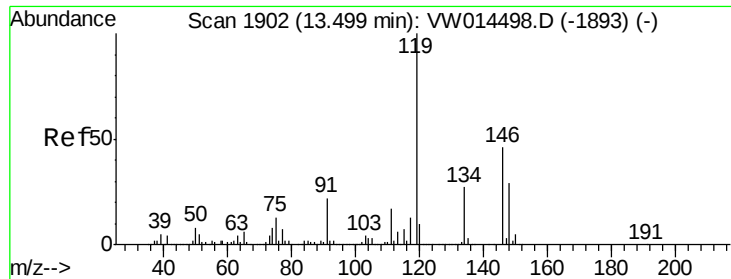
Tot Ion:105 Resp: 1653090
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 54.597 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. 0.00 min
 Lab File: VW014572.D
 Acq: 09 Jan 2020 09:55

Tgt Ion:119 Resp: 1521218
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.5
 91 21.6 11.1 33.3

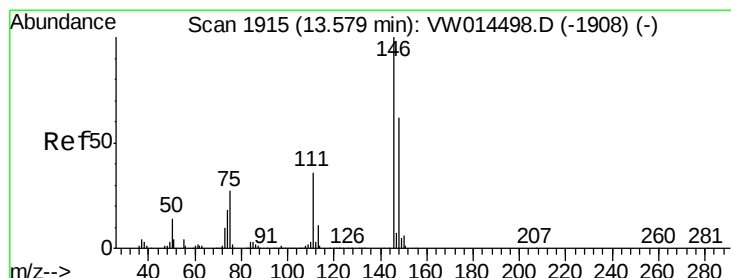
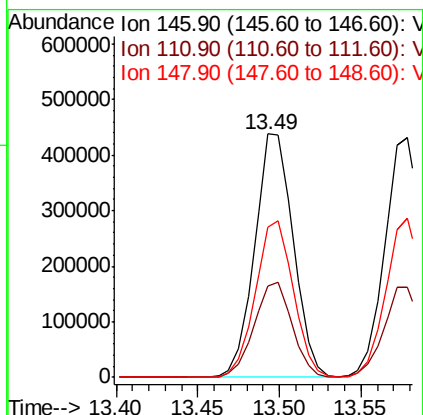
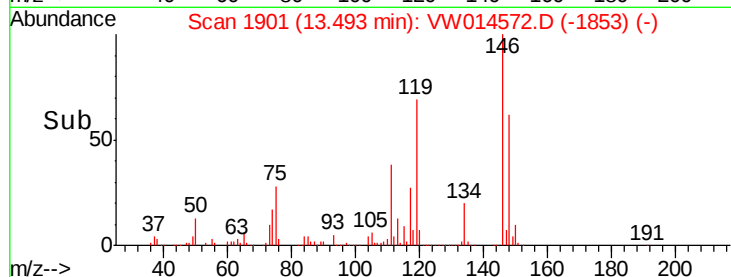
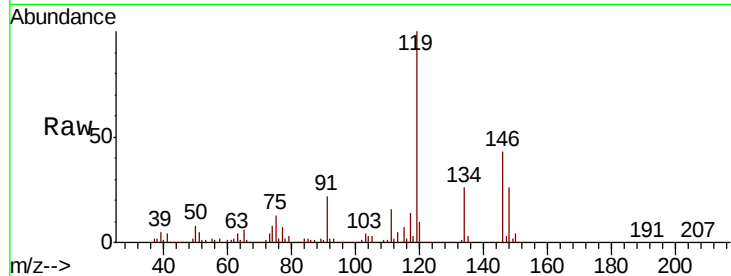




#87
 1,3-Dichlorobenzene
 Concen: 52.982 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: VW014572.D
 Acq: 09 Jan 2020 09:55

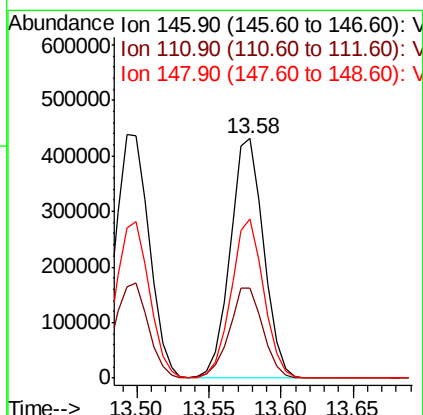
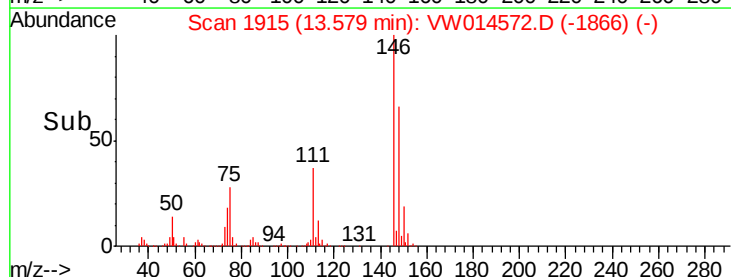
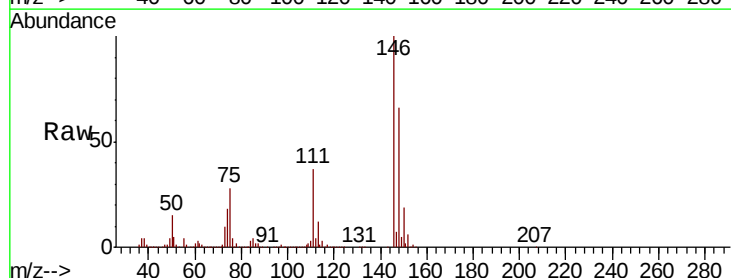
Instrument :
 MSVOA_W
 ClientSampled :

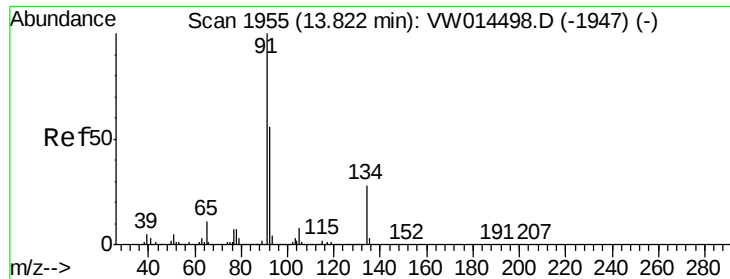
Tot Ion:146 Resp: 718862
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.3 57.9
 148 63.4 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 52.116 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW014572.D
 Acq: 09 Jan 2020 09:55

Tgt Ion:146 Resp: 698089
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.7 56.1
 148 64.7 31.7 95.1





#89

n-Butylbenzene

Concen: 55.119 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW014572.D

Acq: 09 Jan 2020 09:55

Instrument :

MSVOA_W

ClientSampleId :

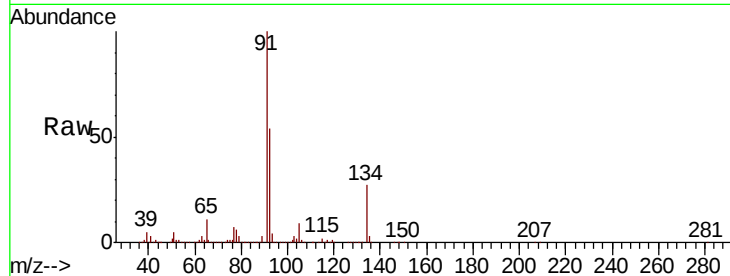
Tot Ion: 91 Resp: 1426162

Ion Ratio Lower Upper

91 100

92 54.8 27.5 82.5

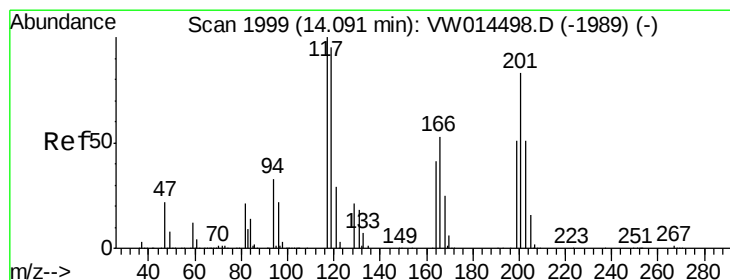
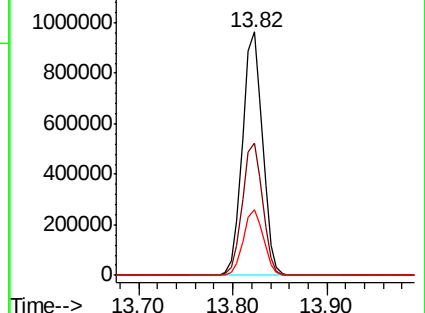
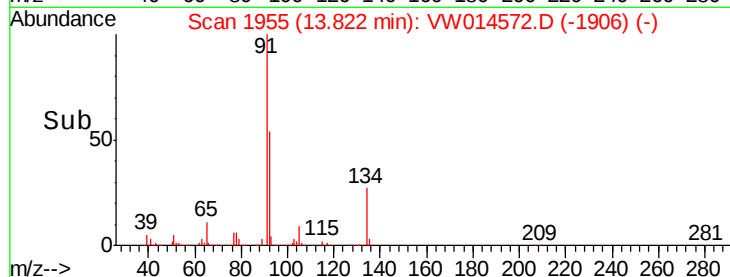
134 27.0 13.7 41.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 53.279 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW014572.D

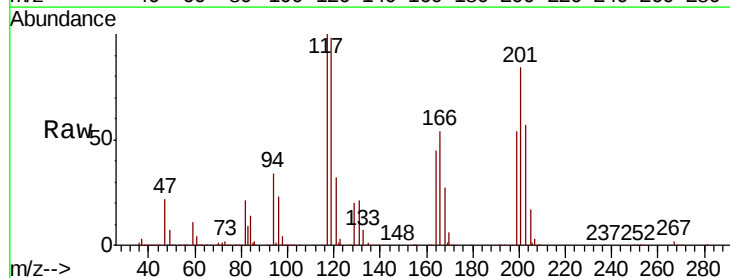
Acq: 09 Jan 2020 09:55

Tgt Ion: 117 Resp: 259334

Ion Ratio Lower Upper

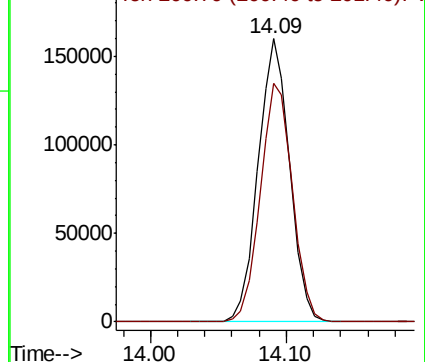
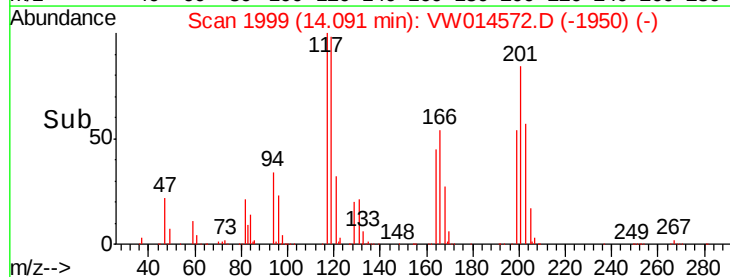
117 100

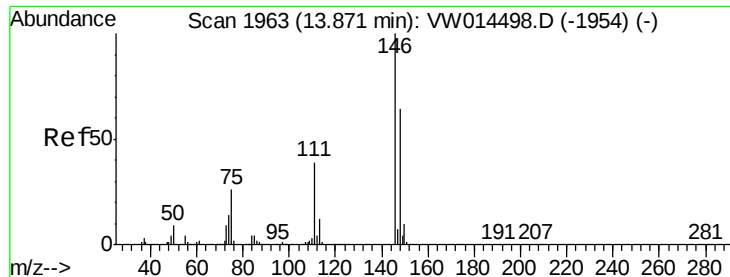
201 85.6 43.0 128.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

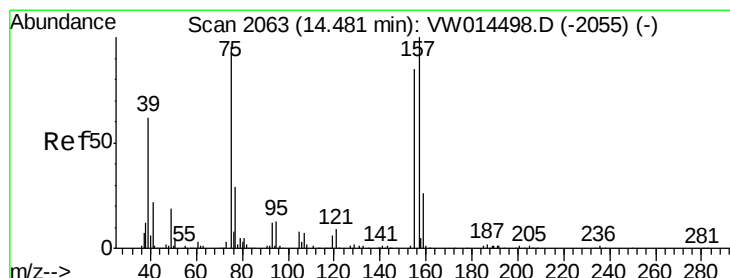
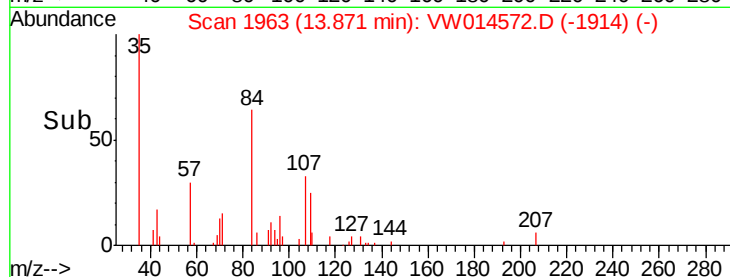
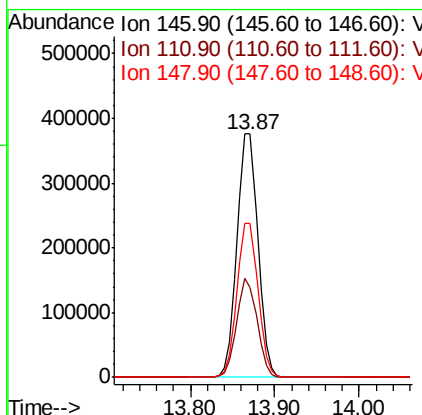
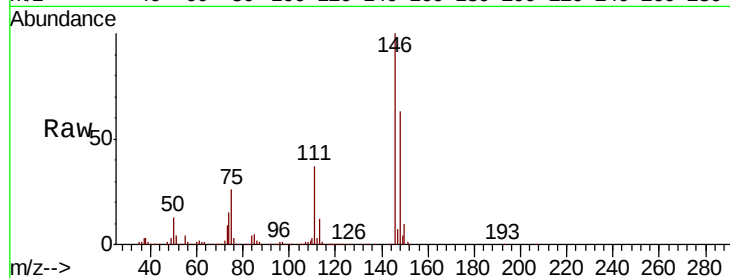




#91
 1,2-Dichlorobenzene
 Concen: 52.564 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW014572.D
 Acq: 09 Jan 2020 09:55

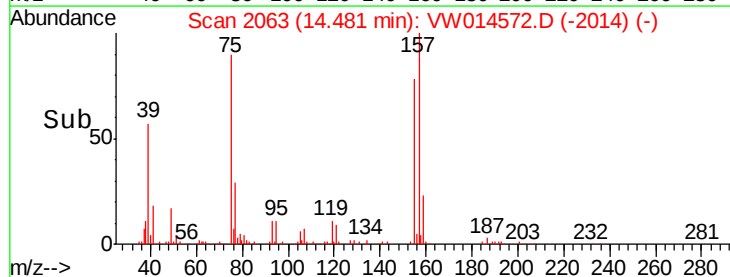
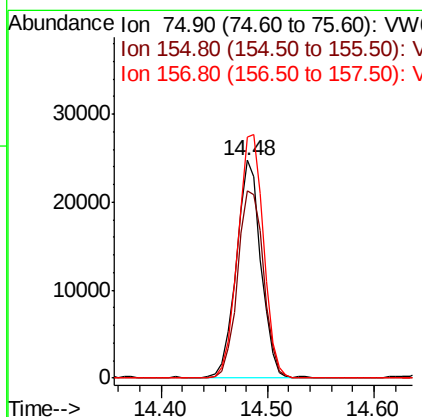
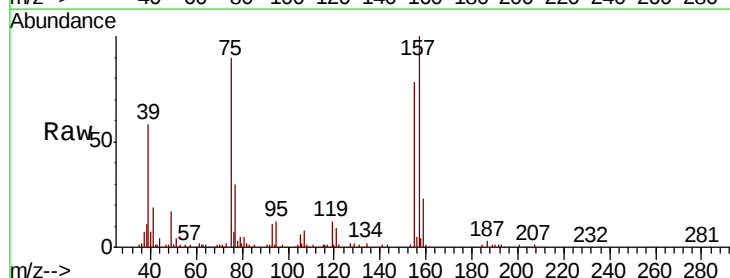
Instrument :
 MSVOA_W
 ClientSampleId :

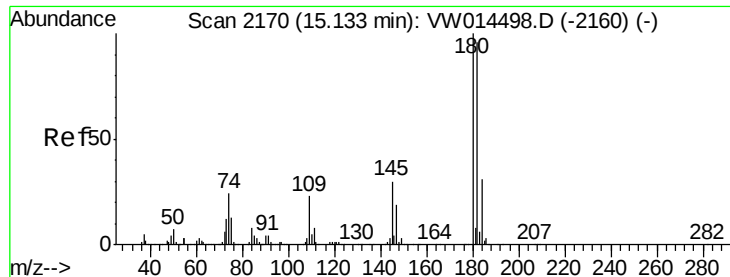
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.4	61.3
148	63.7	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.065 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW014572.D
 Acq: 09 Jan 2020 09:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.5	45.8	137.4
157	116.3	58.1	174.2

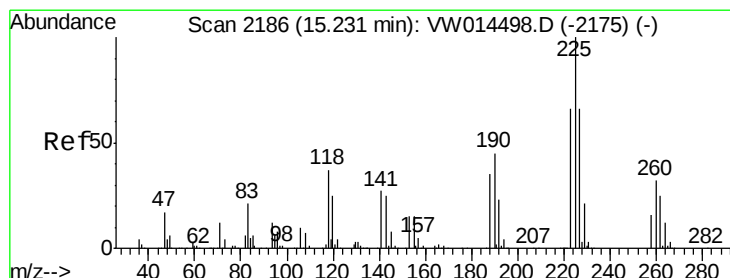
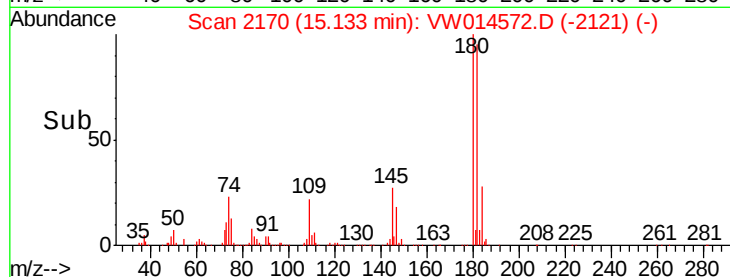
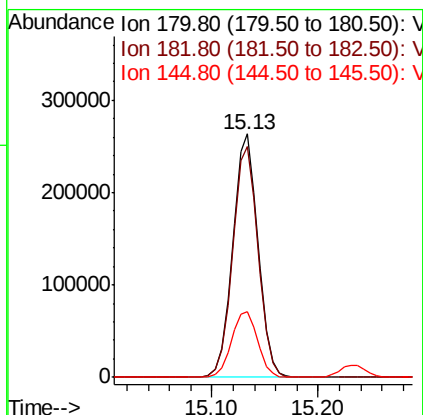
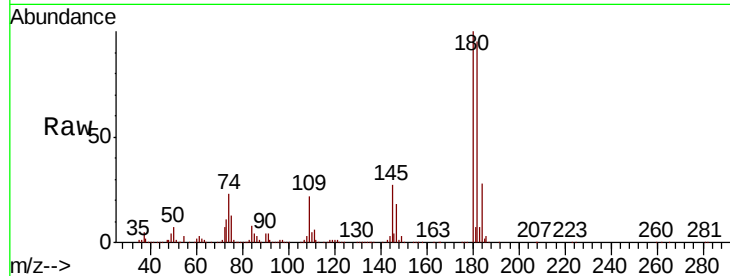




#93
 1,2,4-Trichlorobenzene
 Concen: 54.102 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW014572.D
 Acq: 09 Jan 2020 09:55

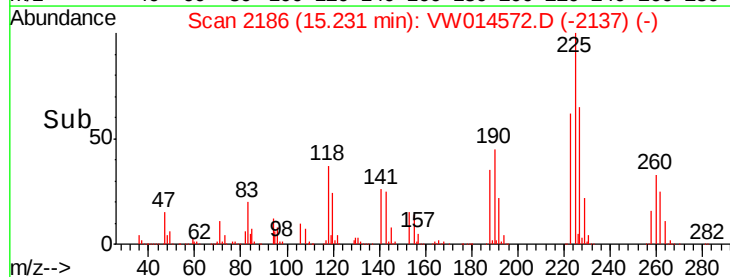
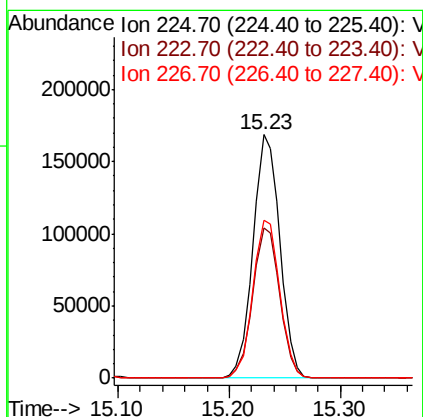
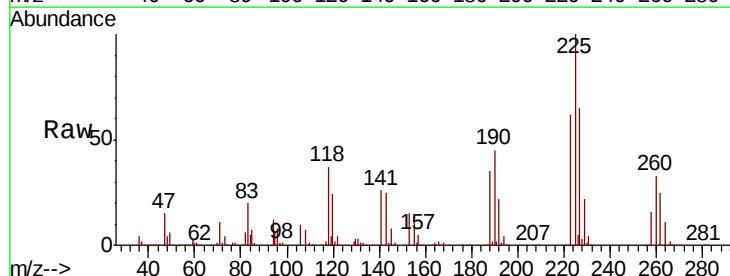
Instrument :
 MSVOA_W
 ClientSampleId :

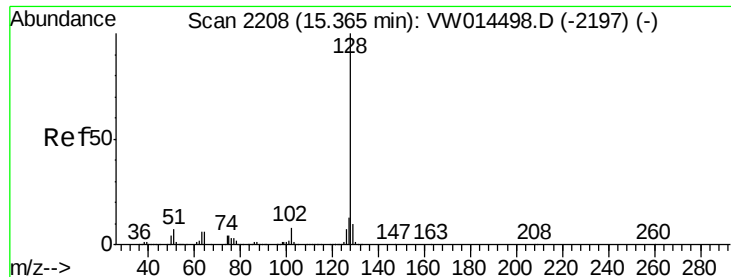
Tot Ion:180 Resp: 435686
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.3 141.8
 145 28.0 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 52.600 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: VW014572.D
 Acq: 09 Jan 2020 09:55

Tgt Ion:225 Resp: 283868
 Ion Ratio Lower Upper
 225 100
 223 62.3 32.4 97.2
 227 64.8 32.6 97.8

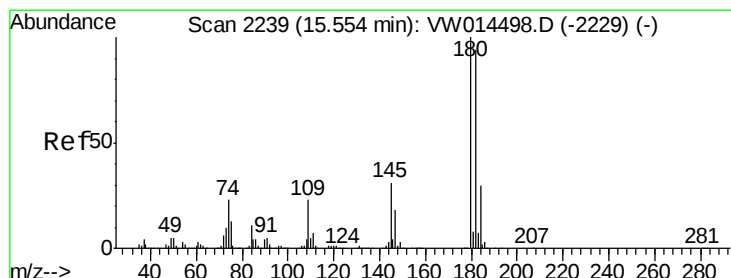
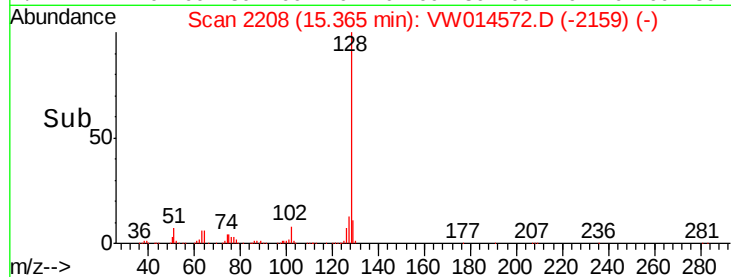
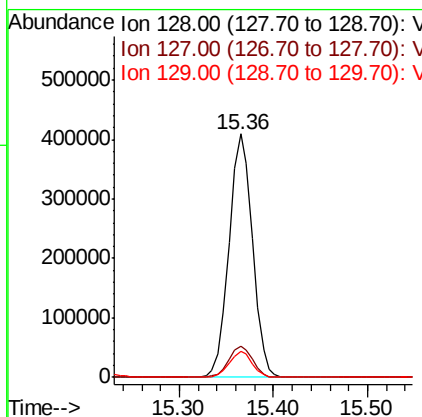
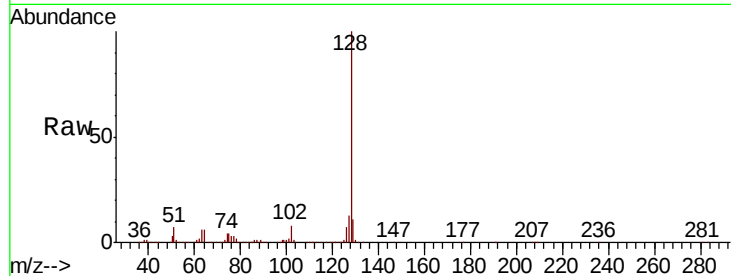




#95
Naphthalene
Concen: 51.463 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW014572.D
Acq: 09 Jan 2020 09:55

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:128 Resp: 706805
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 52.334 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW014572.D
Acq: 09 Jan 2020 09:55

Tgt Ion:180 Resp: 367359
Ion Ratio Lower Upper
180 100
182 94.8 47.4 142.2
145 30.3 15.5 46.5

