

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060220\
 Data File : VW015520.D
 Acq On : 02 Jun 2020 11:26
 Operator : SY/VA
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 02 13:19:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060220S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 02 12:43:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	238721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	382747	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	333541	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	161242	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	12739	4.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.74%	
35) Dibromofluoromethane	7.89	113	11033	5.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.00%	
50) Toluene-d8	10.32	98	45159	4.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.98%	
62) 4-Bromofluorobenzene	12.62	95	15900	4.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.02	85	5434	3.927	ug/l	86
3) Chloromethane	2.22	50	8579	4.988	ug/l	98
4) Vinyl Chloride	2.37	62	12063	4.612	ug/l	95
5) Bromomethane	2.78	94	8583	4.199	ug/l	98
6) Chloroethane	2.93	64	7543	4.188	ug/l	96
7) Trichlorofluoromethane	3.26	101	8214	4.252	ug/l	96
8) Diethyl Ether	3.68	74	5322	4.373	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	11239	4.989	ug/l	98
10) Methyl Iodide	4.27	142	16190	4.753	ug/l	97
11) Tert butyl alcohol	5.18	59	7390	46.292	ug/l	94
12) 1,1-Dichloroethene	4.04	96	11139	4.793	ug/l	91
13) Acrolein	3.90	56	3933	20.990	ug/l	87
14) Allyl chloride	4.67	41	19036	4.680	ug/l	96
15) Acrylonitrile	5.38	53	10366	20.746	ug/l	97
16) Acetone	4.12	43	11365	24.946	ug/l	98
17) Carbon Disulfide	4.39	76	31814	4.485	ug/l	99
18) Methyl Acetate	4.69	43	6264	5.620	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	16552	4.390	ug/l	93
20) Methylene Chloride	4.93	84	15422	5.714	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	12277	4.641	ug/l	96
22) Diisopropyl ether	6.32	45	33621	4.232	ug/l	93
23) Vinyl Acetate	6.26	43	91680	18.887	ug/l	98
24) 1,1-Dichloroethane	6.22	63	22318	4.677	ug/l	97
25) 2-Butanone	7.18	43	15775	23.604	ug/l	92
26) 2,2-Dichloropropane	7.17	77	18491	5.825	ug/l	91
27) cis-1,2-Dichloroethene	7.18	96	13176	4.574	ug/l	90
28) Bromochloromethane	7.52	49	8671	4.576	ug/l	98
29) Tetrahydrofuran	7.54	42	9036	21.156	ug/l	97
30) Chloroform	7.68	83	22022	4.634	ug/l	98
31) Cyclohexane	7.95	56	25687	5.362	ug/l #	84
32) 1,1,1-Trichloroethane	7.87	97	19247	4.823	ug/l	99
36) 1,1-Dichloropropene	8.09	75	18437	4.854	ug/l	98
37) Ethyl Acetate	7.26	43	7233	4.835	ug/l #	94
38) Carbon Tetrachloride	8.07	117	17734	4.935	ug/l	97

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 Data File : VW015520.D
 Acq On : 02 Jun 2020 11:26
 Operator : SY/VA
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 02 13:19:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060220S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 02 12:43:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	22182	4.611	ug/l	90
40) Benzene	8.33	78	49069	4.717	ug/l	100
41) Methacrylonitrile	7.49	41	3634	3.809	ug/l	93
42) 1,2-Dichloroethane	8.40	62	14716	4.618	ug/l	100
43) Isopropyl Acetate	8.43	43	13121	4.168	ug/l	99
44) Trichloroethene	9.09	130	12946	4.794	ug/l	92
45) 1,2-Dichloropropane	9.37	63	11769	4.577	ug/l	99
46) Dibromomethane	9.46	93	5923	4.575	ug/l	95
47) Bromodichloromethane	9.65	83	15636	4.471	ug/l	97
48) Methyl methacrylate	9.44	41	5565	3.844	ug/l	95
49) 1,4-Dioxane	9.45	88	1540	91.901	ug/l #	83
51) 4-Methyl-2-Pentanone	10.21	43	31276	21.170	ug/l	96
52) Toluene	10.39	92	30639	4.542	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	14532	4.068	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	17808	4.256	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	8227	4.504	ug/l	92
56) Ethyl methacrylate	10.65	69	10072	4.037	ug/l	98
57) 1,3-Dichloropropane	10.93	76	14338	4.385	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	26278	22.127	ug/l	99
59) 2-Hexanone	10.97	43	19869	19.656	ug/l	98
60) Dibromochloromethane	11.13	129	9516	4.323	ug/l	100
61) 1,2-Dibromoethane	11.24	107	7470	4.314	ug/l	100
64) Tetrachloroethene	10.87	164	11002	5.312	ug/l	91
65) Chlorobenzene	11.66	112	32799	4.919	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	11305	4.771	ug/l	99
67) Ethyl Benzene	11.73	91	60146	4.722	ug/l	98
68) m/p-Xylenes	11.84	106	44331	9.349	ug/l	98
69) o-Xylene	12.16	106	20354	4.575	ug/l	97
70) Styrene	12.18	104	33408	4.362	ug/l	98
71) Bromoform	12.35	173	4900	4.223	ug/l #	98
73) Isopropylbenzene	12.46	105	58680	4.810	ug/l	100
74) N-amyl acetate	12.27	43	11539	3.992	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	8632	4.478	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	11625	8.756	ug/l #	100
77) Bromobenzene	12.75	156	12311	4.728	ug/l	98
78) n-propylbenzene	12.80	91	71047	4.860	ug/l	99
79) 2-Chlorotoluene	12.90	91	39349	4.770	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	48977	4.778	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	2506	3.670	ug/l	88
82) 4-Chlorotoluene	12.99	91	40737	4.676	ug/l	99
83) tert-Butylbenzene	13.21	119	41615	4.758	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	48098	4.688	ug/l	100
85) sec-Butylbenzene	13.38	105	58740	4.767	ug/l	99
86) p-Isopropyltoluene	13.50	119	53571	4.767	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	25176	4.890	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	25509	4.983	ug/l	92
89) n-Butylbenzene	13.82	91	51292	4.687	ug/l	99
90) Hexachloroethane	14.09	117	9909	4.776	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	21574	4.794	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	1464	4.347	ug/l	90

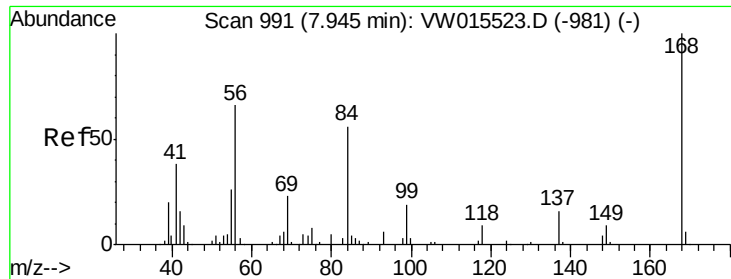
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW060220\
Data File : VW015520.D
Acq On : 02 Jun 2020 11:26
Operator : SY/VA
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jun 02 13:19:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W060220S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 02 12:43:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	14247	4.715	ug/l	100
94) Hexachlorobutadiene	15.24	225	9197	5.139	ug/l	97
95) Naphthalene	15.37	128	22638	4.175	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	11947	4.591	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW015520.D

Acq: 02 Jun 2020 11:26

Instrument :

MSVOA_W

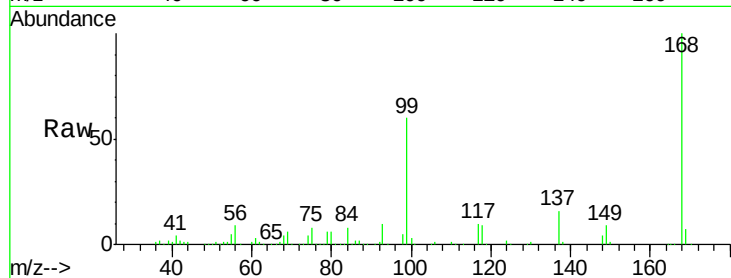
ClientSampled :

Tot Ion:168 Resp: 238721

Ion Ratio Lower Upper

168 100

99 59.9 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

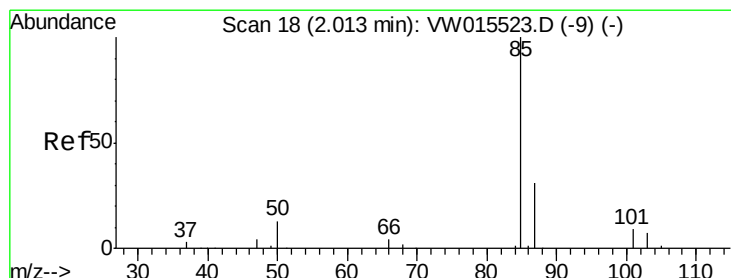
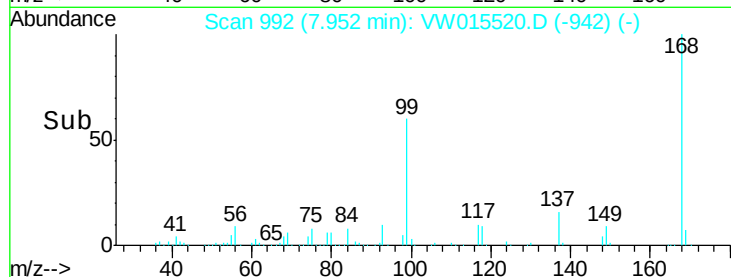
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 3.927 ug/l

RT: 2.02 min Scan# 19

Delta R.T. 0.01 min

Lab File: VW015520.D

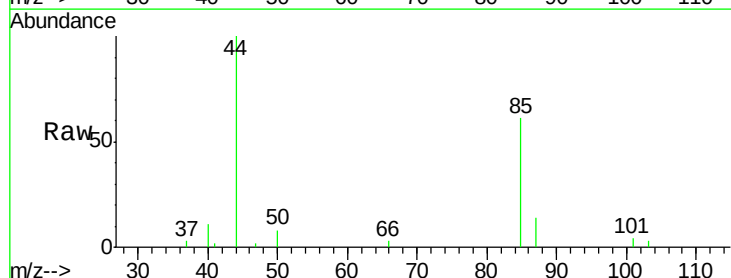
Acq: 02 Jun 2020 11:26

Tgt Ion: 85 Resp: 5434

Ion Ratio Lower Upper

85 100

87 23.3 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.02

2000

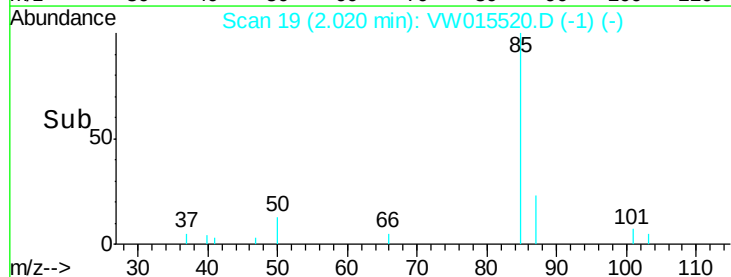
1500

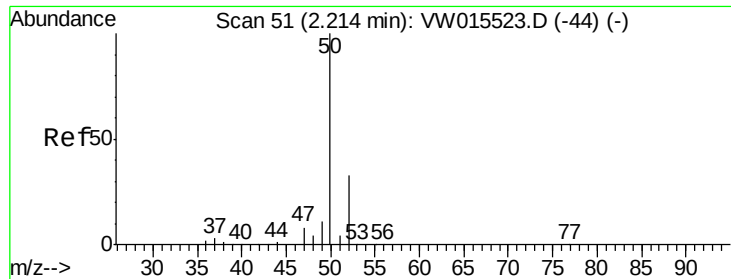
1000

500

0

Time--> 2.00 2.10





#3

Chloromethane

Concen: 4.988 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW015520.D

Acq: 02 Jun 2020 11:26

Instrument :

MSVOA_W

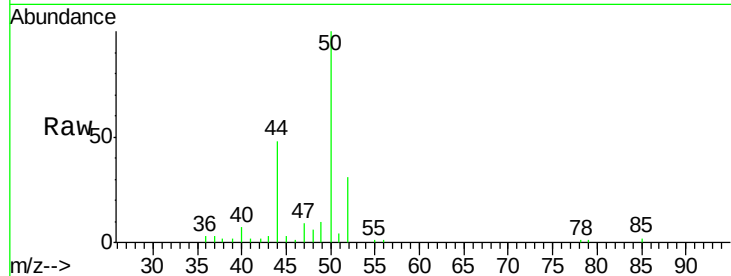
ClientSampled :

Tot Ion: 50 Resp: 8579

Ion Ratio Lower Upper

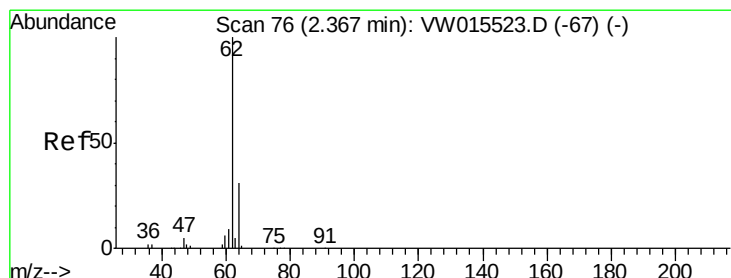
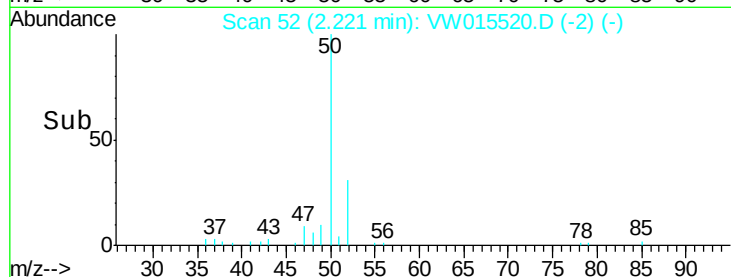
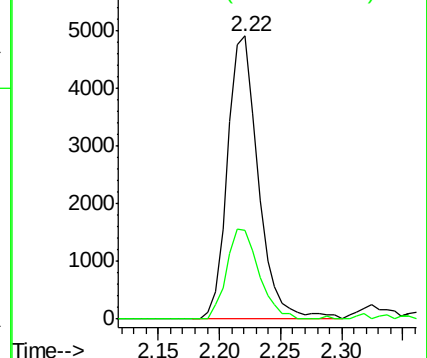
50 100

52 31.5 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 4.612 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015520.D

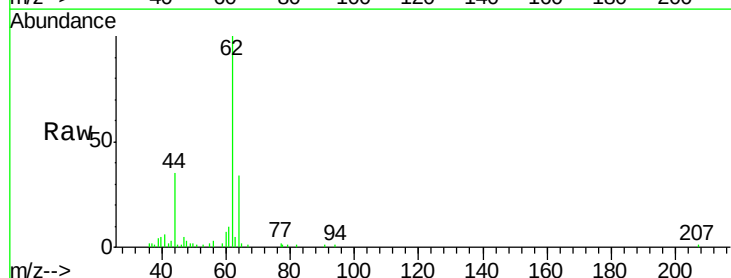
Acq: 02 Jun 2020 11:26

Tgt Ion: 62 Resp: 12063

Ion Ratio Lower Upper

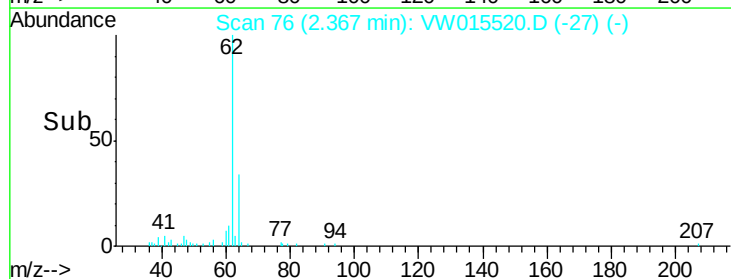
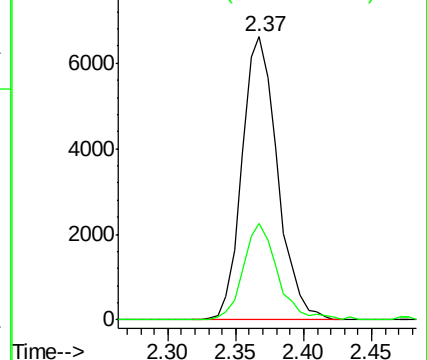
62 100

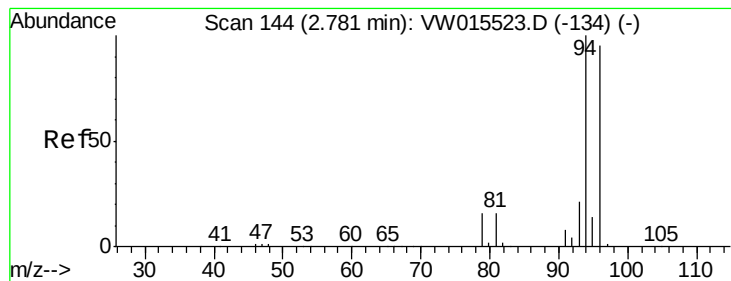
64 34.0 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 4.199 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW015520.D

Acq: 02 Jun 2020 11:26

Instrument :

MSVOA_W

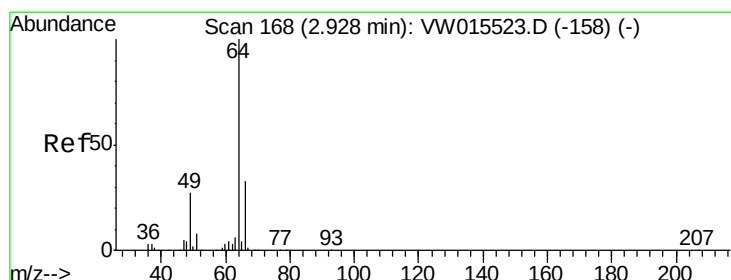
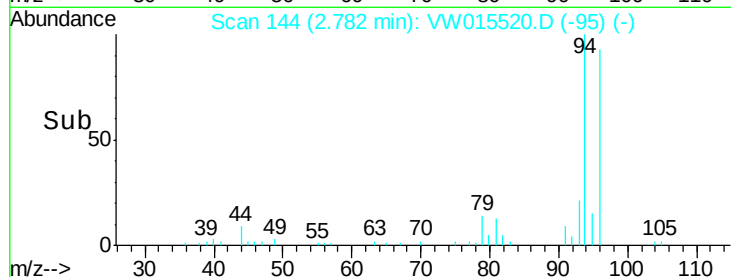
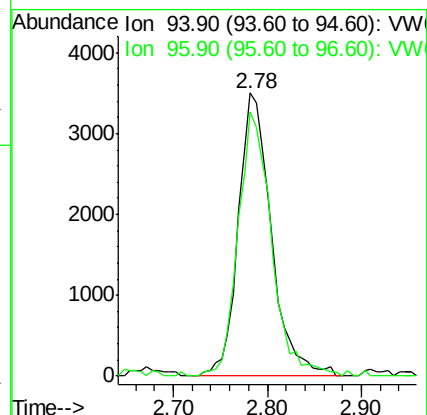
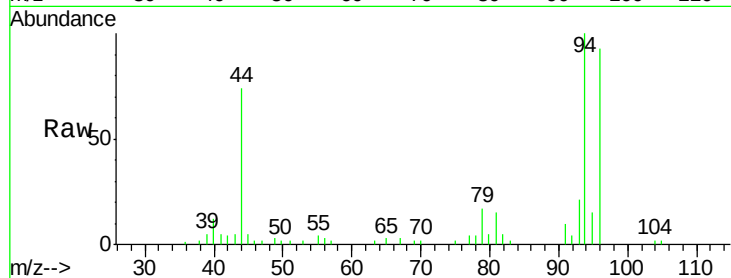
ClientSampleId :

Tot Ion: 94 Resp: 8583

Ion Ratio Lower Upper

94 100

96 93.2 76.0 114.0



#6

Chloroethane

Concen: 4.188 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: VW015520.D

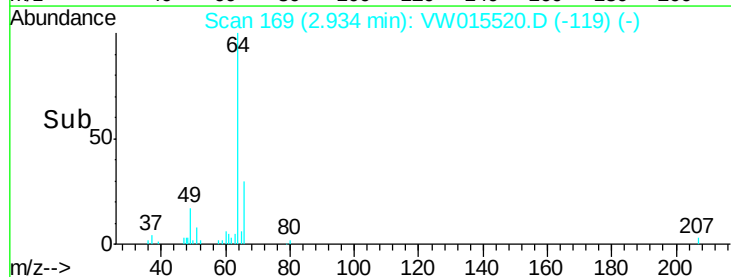
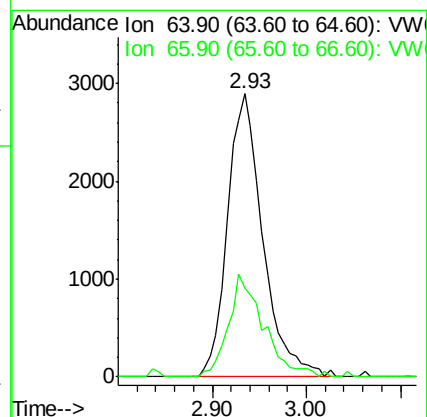
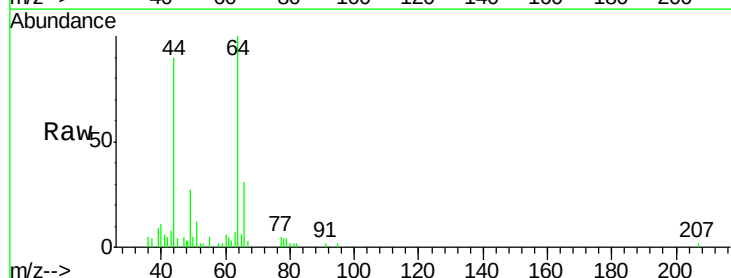
Acq: 02 Jun 2020 11:26

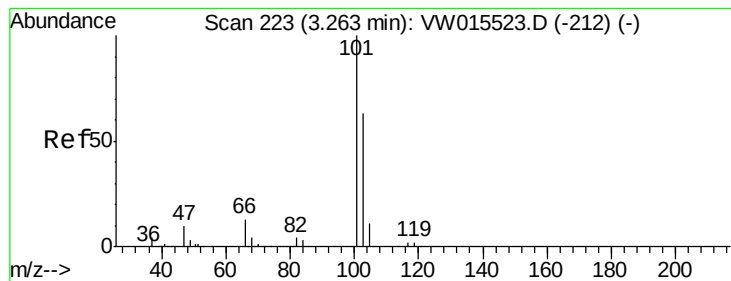
Tgt Ion: 64 Resp: 7543

Ion Ratio Lower Upper

64 100

66 31.2 26.8 40.2



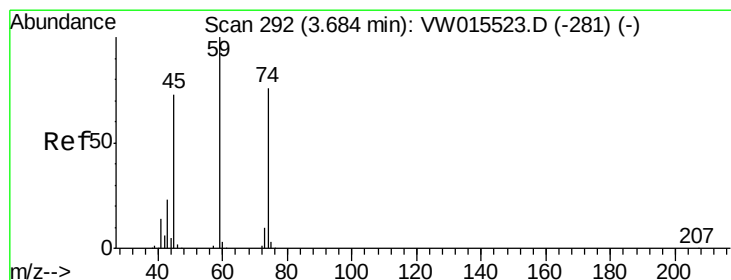
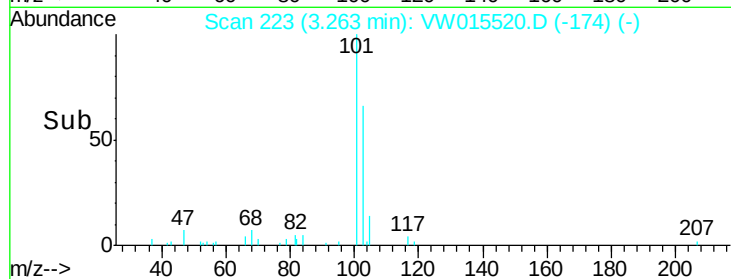
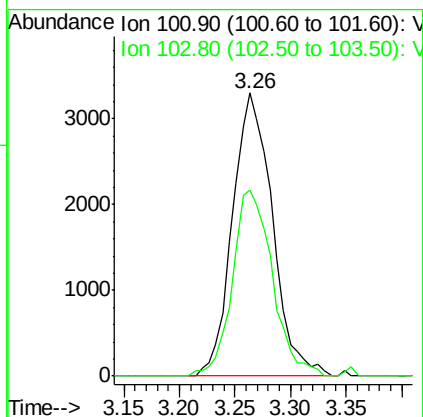
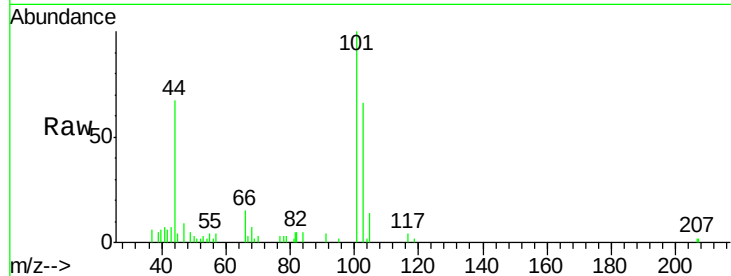


#7

Trichlorofluoromethane
Concen: 4.252 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW015520.D
Acq: 02 Jun 2020 11:26

Instrument :
MSVOA_W
ClientSampleId :

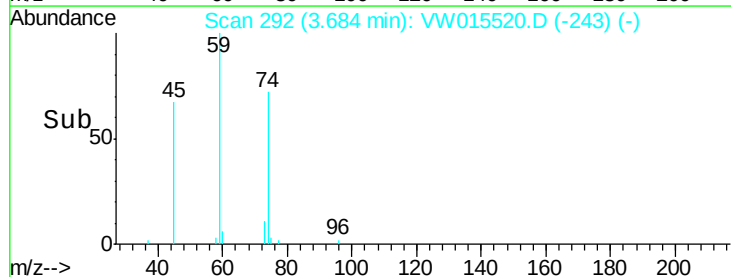
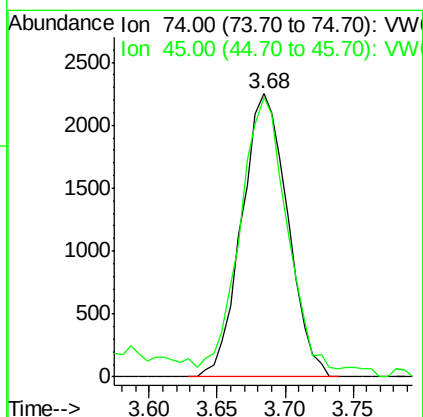
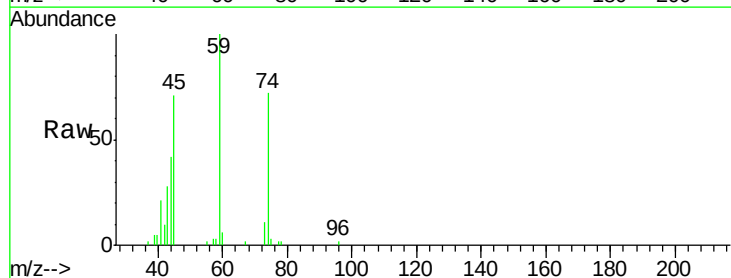
Tot Ion:101 Resp: 8214
Ion Ratio Lower Upper
101 100
103 65.7 50.2 75.2

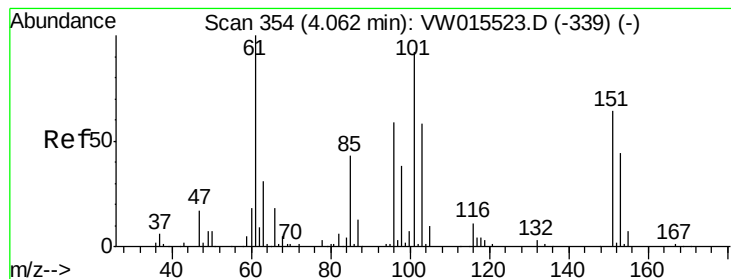


#8

Diethyl Ether
Concen: 4.373 ug/l
RT: 3.68 min Scan# 292
Delta R.T. 0.00 min
Lab File: VW015520.D
Acq: 02 Jun 2020 11:26

Tgt Ion: 74 Resp: 5322
Ion Ratio Lower Upper
74 100
45 95.2 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.989 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW015520.D

Acq: 02 Jun 2020 11:26

Instrument :

MSVOA_W

ClientSampled :

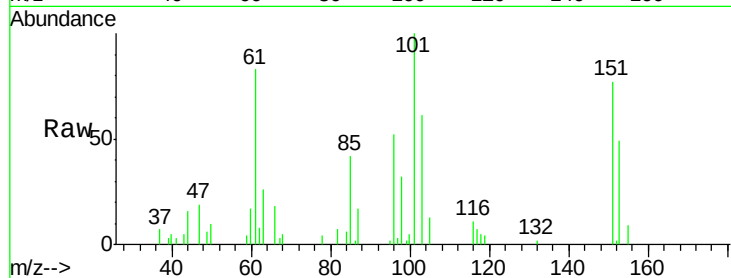
Tot Ion:101 Resp: 11239

Ion Ratio Lower Upper

101 100

85 45.4 37.0 55.6

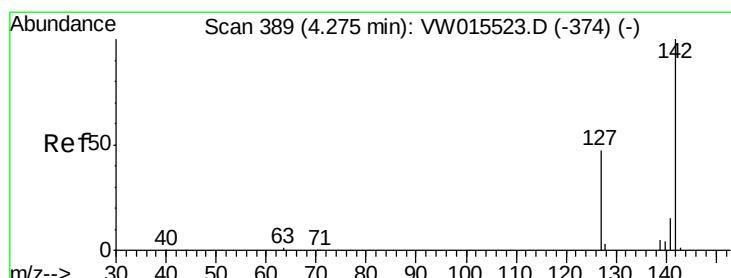
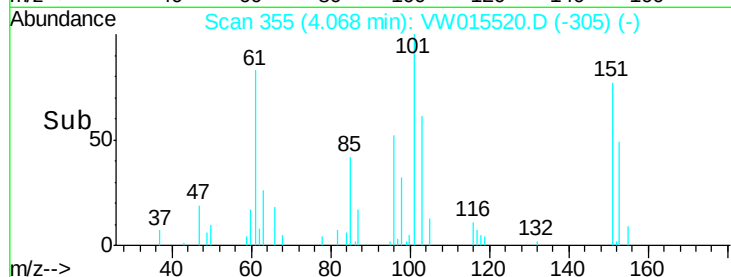
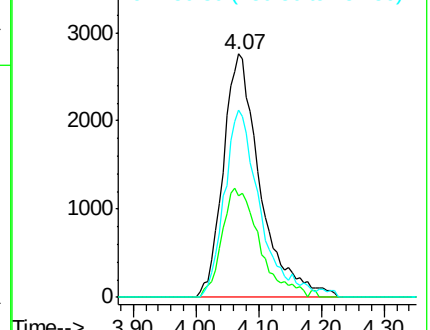
151 73.9 61.1 91.7



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: 4.753 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW015520.D

Acq: 02 Jun 2020 11:26

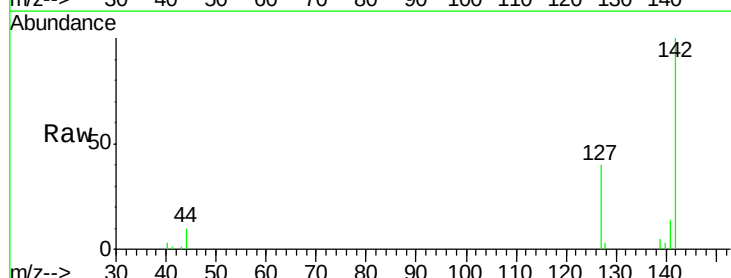
Tgt Ion:142 Resp: 16190

Ion Ratio Lower Upper

142 100

127 43.8 36.9 55.3

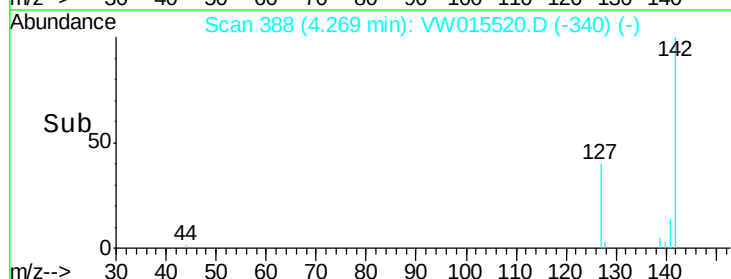
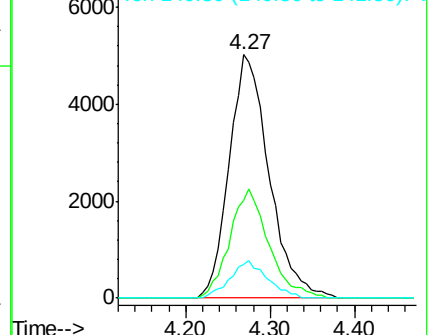
141 14.2 11.7 17.5

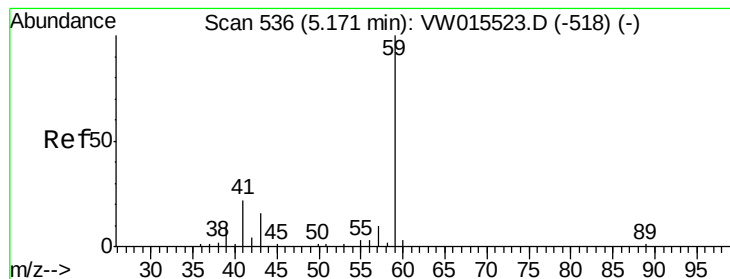


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



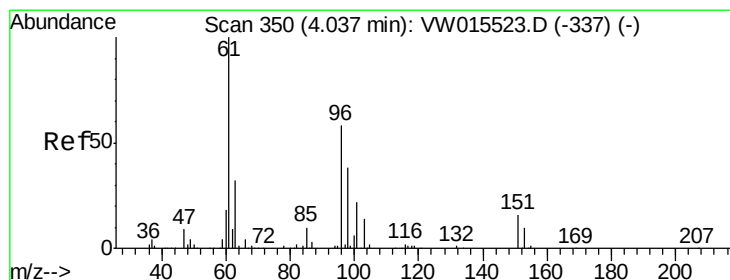
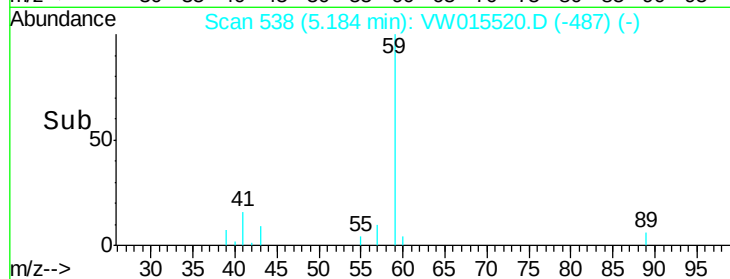
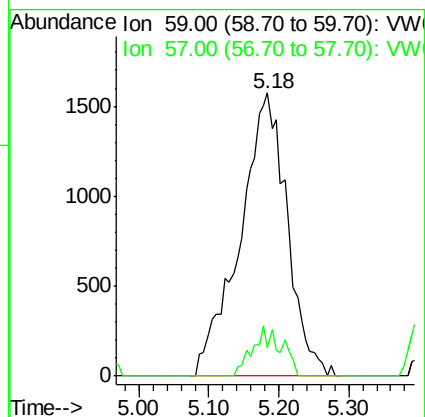
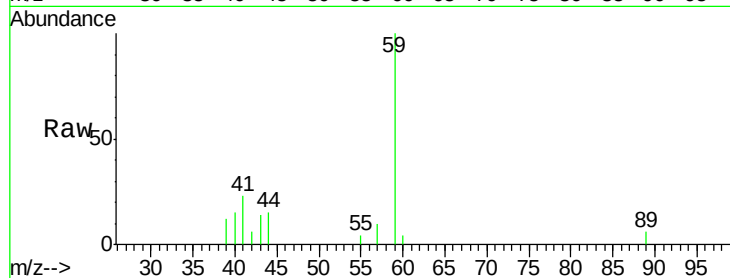


#11

Tert butyl alcohol
Concen: 46.292 ug/l
RT: 5.18 min Scan# 538
Delta R.T. 0.01 min
Lab File: VW015520.D
Acq: 02 Jun 2020 11:26

Instrument :
MSVOA_W
ClientSampleId :

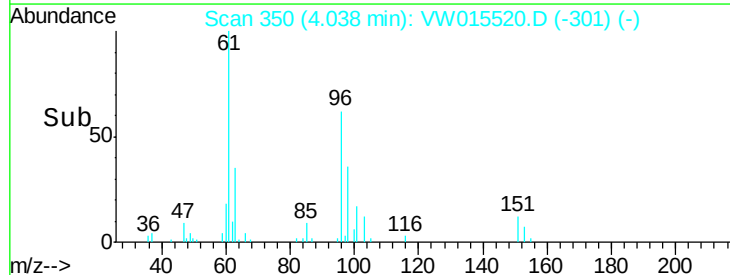
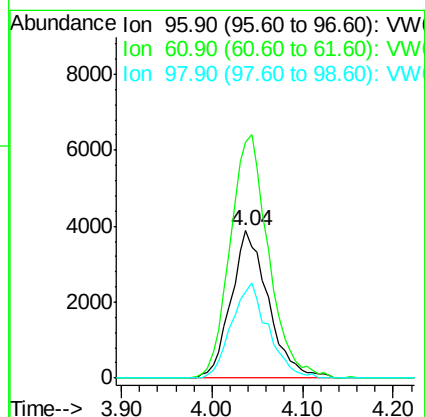
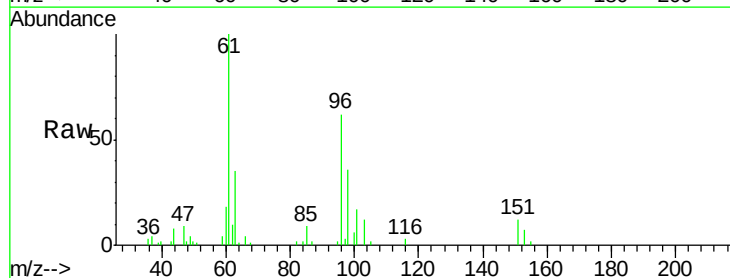
Tot Ion: 59 Resp: 7390
Ion Ratio Lower Upper
59 100
57 8.3 8.3 12.5

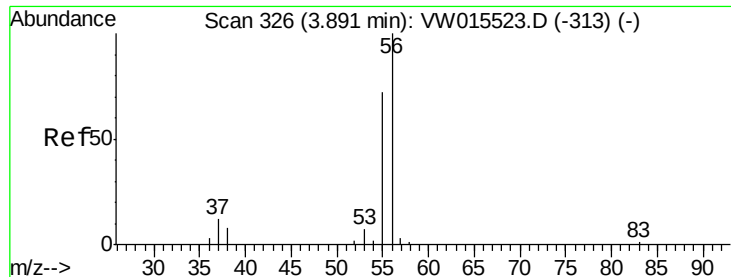


#12

1,1-Dichloroethene
Concen: 4.793 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW015520.D
Acq: 02 Jun 2020 11:26

Tgt Ion: 96 Resp: 11139
Ion Ratio Lower Upper
96 100
61 160.4 138.3 207.5
98 58.3 52.2 78.4





#13

Acrolein

Concen: 20.990 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW015520.D

Acq: 02 Jun 2020 11:26

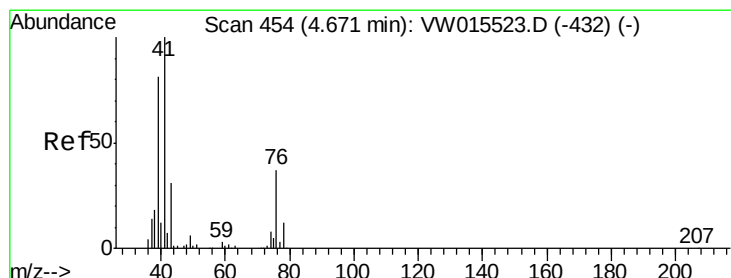
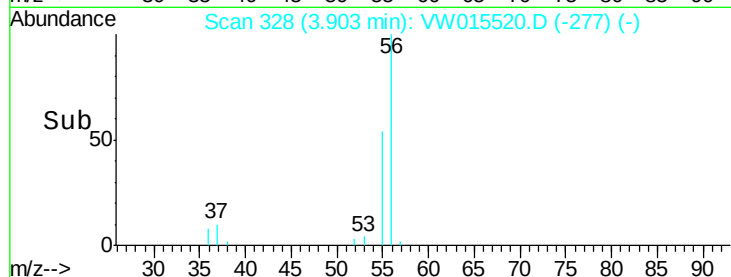
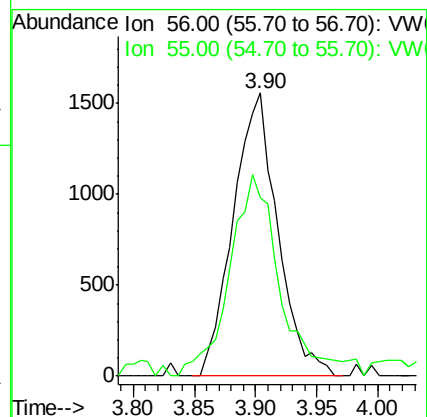
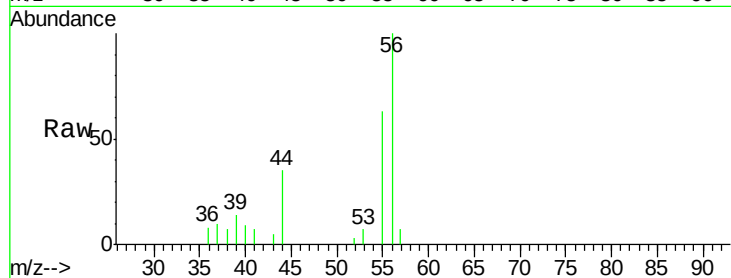
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 3933

Ion Ratio Lower Upper

56 100

55 81.1 56.5 84.7



#14

Allyl chloride

Concen: 4.680 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW015520.D

Acq: 02 Jun 2020 11:26

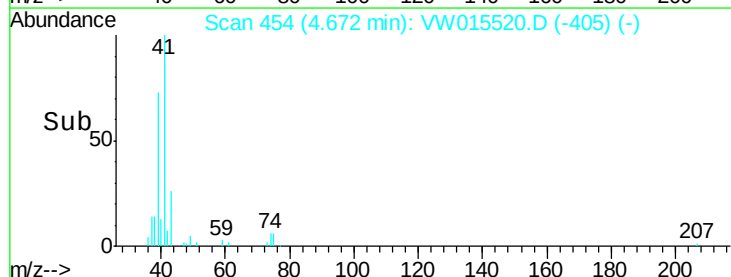
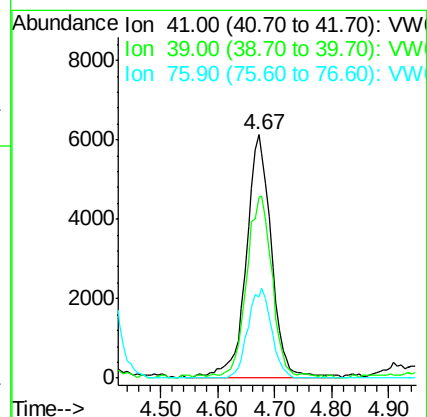
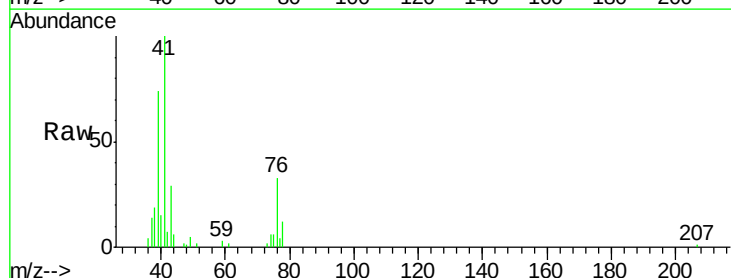
Tgt Ion: 41 Resp: 19036

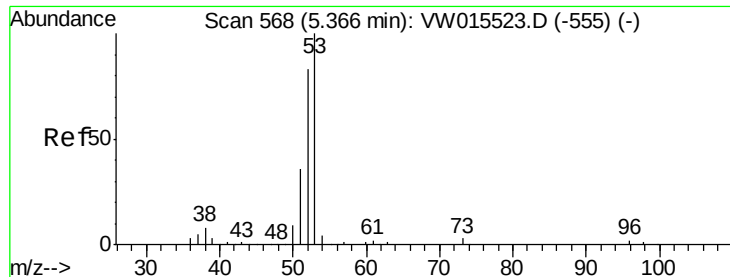
Ion Ratio Lower Upper

41 100

39 74.7 63.1 94.7

76 33.9 28.6 43.0





#15

Acrylonitrile

Concen: 20.746 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW015520.D

Acq: 02 Jun 2020 11:26

Instrument :

MSVOA_W

ClientSampleId :

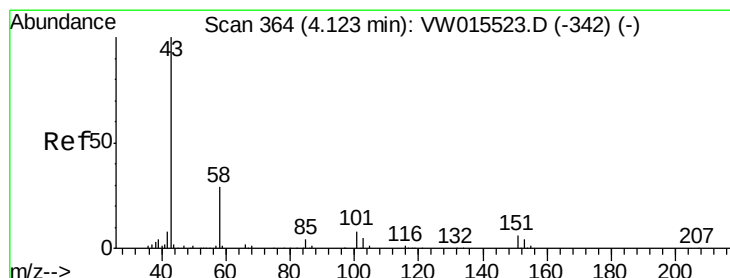
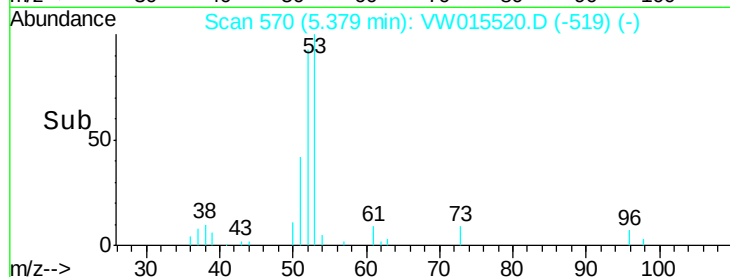
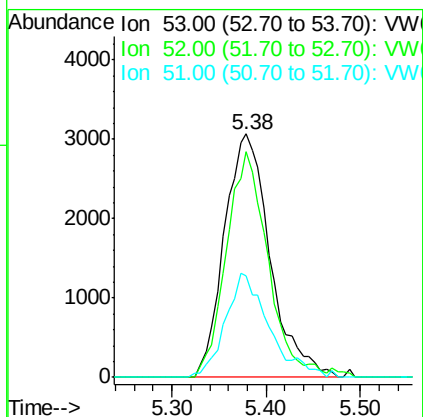
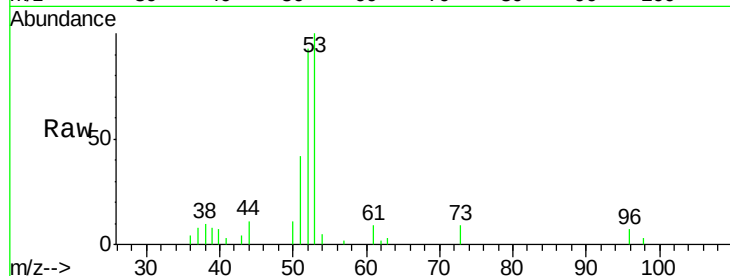
Tot Ion: 53 Resp: 10366

Ion Ratio Lower Upper

53 100

52 84.2 66.1 99.1

51 40.9 30.2 45.4



#16

Acetone

Concen: 24.946 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW015520.D

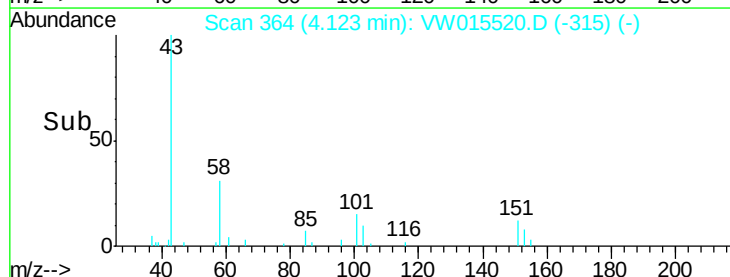
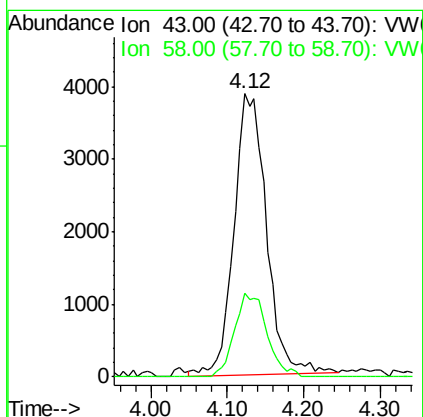
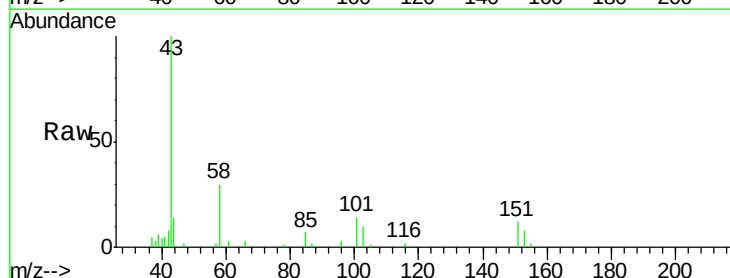
Acq: 02 Jun 2020 11:26

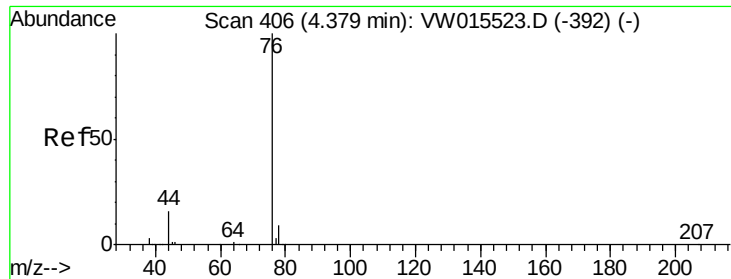
Tgt Ion: 43 Resp: 11365

Ion Ratio Lower Upper

43 100

58 30.2 23.1 34.7

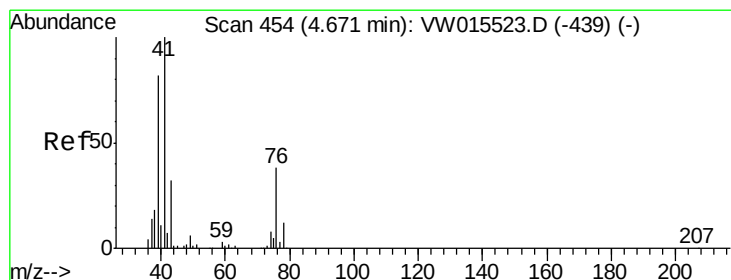
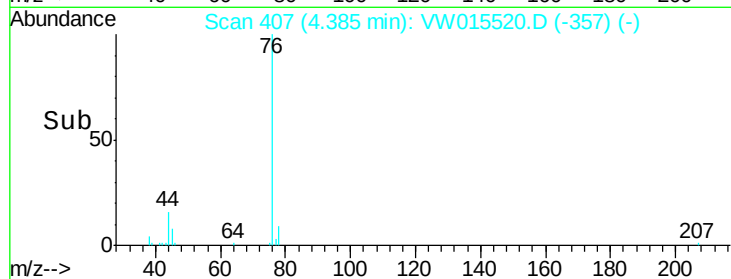
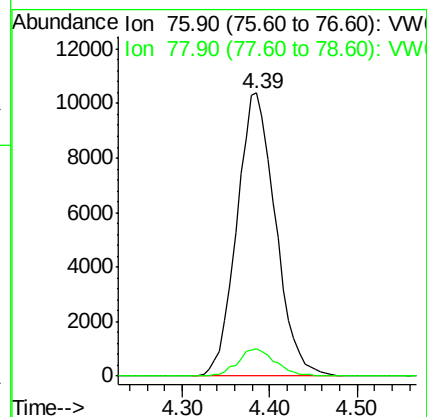
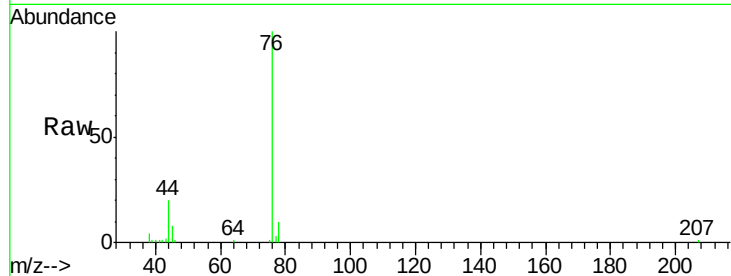




#17
Carbon Disulfide
Concen: 4.485 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.01 min
Lab File: VW015520.D
Acq: 02 Jun 2020 11:26

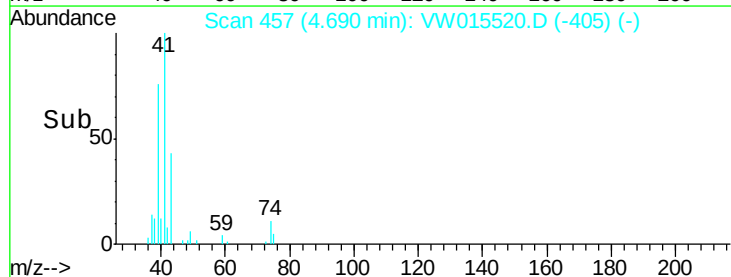
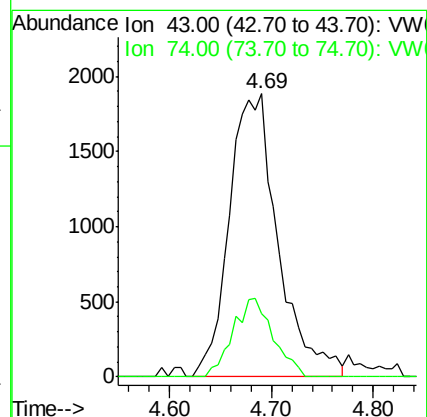
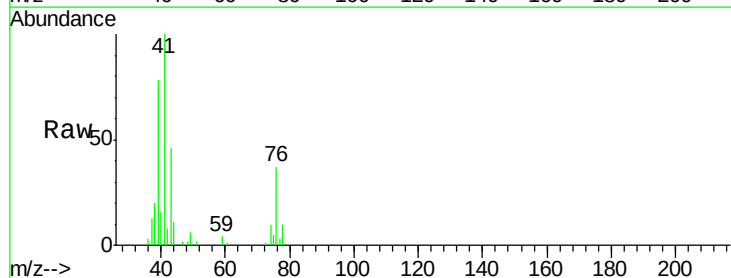
Instrument :
MSVOA_W
ClientSampled :

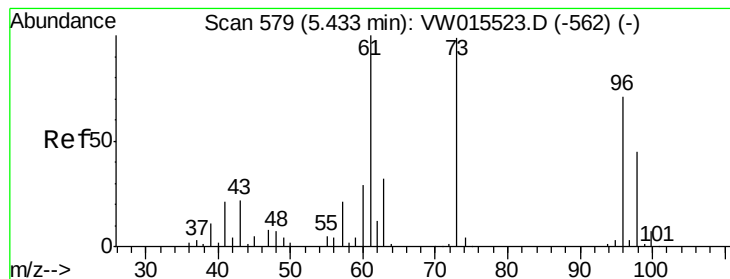
Tot Ion: 76 Resp: 31814
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.2



#18
Methyl Acetate
Concen: 5.620 ug/l
RT: 4.69 min Scan# 457
Delta R.T. 0.02 min
Lab File: VW015520.D
Acq: 02 Jun 2020 11:26

Tgt Ion: 43 Resp: 6264
Ion Ratio Lower Upper
43 100
74 22.7 18.8 28.2



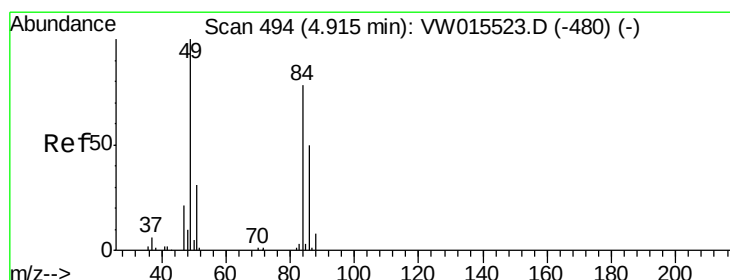
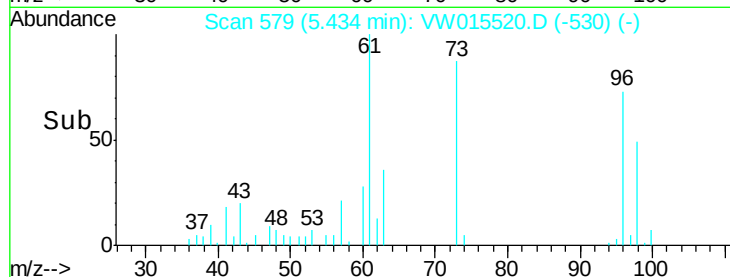
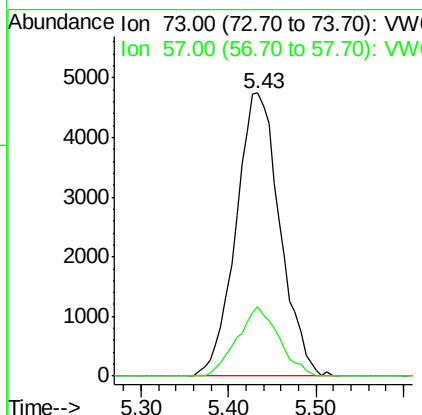
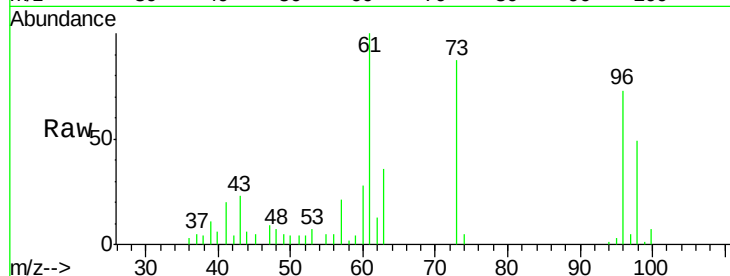


#19

Methyl tert-butyl Ether
 Concen: 4.390 ug/l
 RT: 5.43 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: VW015520.D
 Acq: 02 Jun 2020 11:26

Instrument :
 MSVOA_W
 ClientSampled :

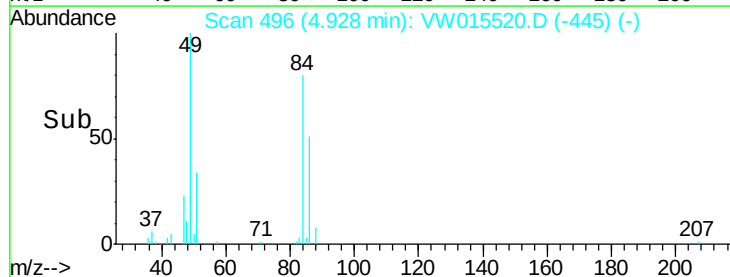
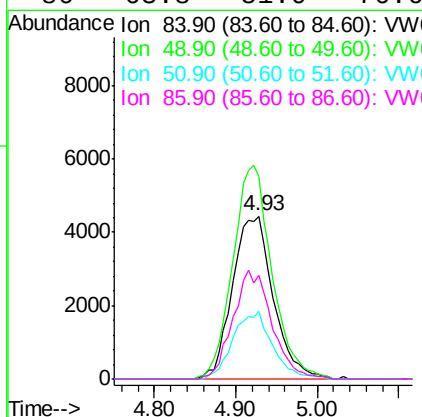
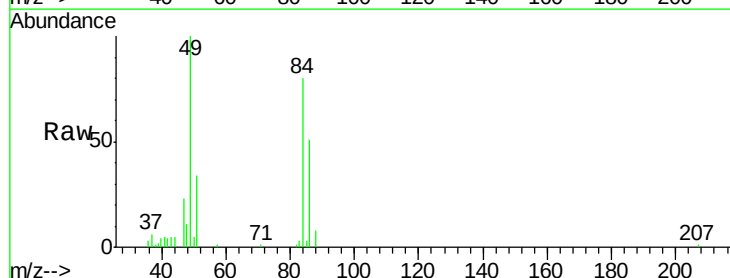
Tot Ion: 73 Resp: 16552
 Ion Ratio Lower Upper
 73 100
 57 24.7 17.1 25.7

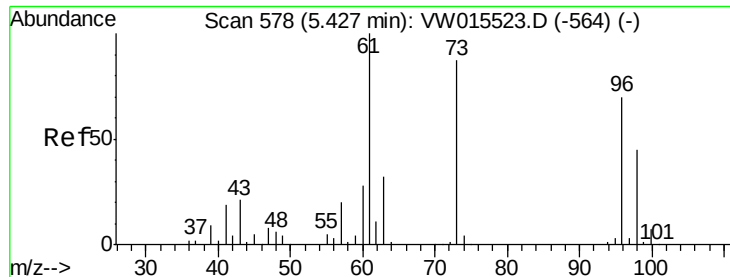


#20

Methylene Chloride
 Concen: 5.714 ug/l
 RT: 4.93 min Scan# 496
 Delta R.T. 0.01 min
 Lab File: VW015520.D
 Acq: 02 Jun 2020 11:26

Tgt Ion: 84 Resp: 15422
 Ion Ratio Lower Upper
 84 100
 49 124.3 102.8 154.2
 51 41.9 31.4 47.2
 86 63.8 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 4.641 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW015520.D

Acq: 02 Jun 2020 11:26

Instrument :

MSVOA_W

ClientSampled :

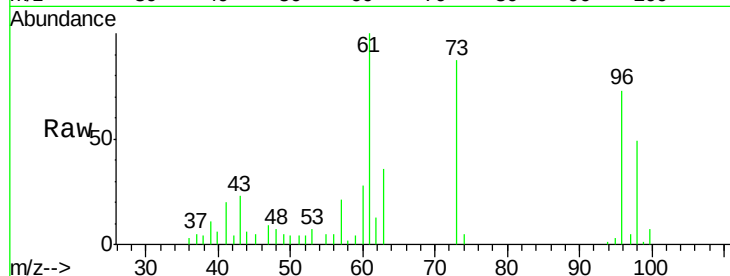
Tot Ion: 96 Resp: 12277

Ion Ratio Lower Upper

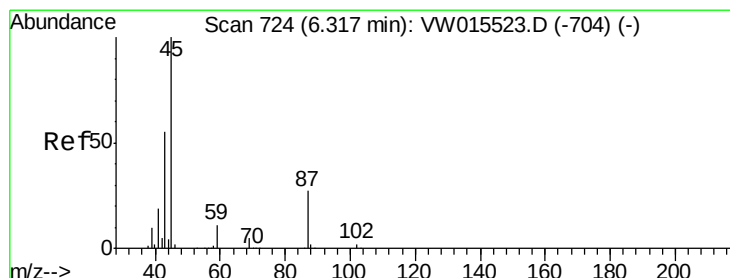
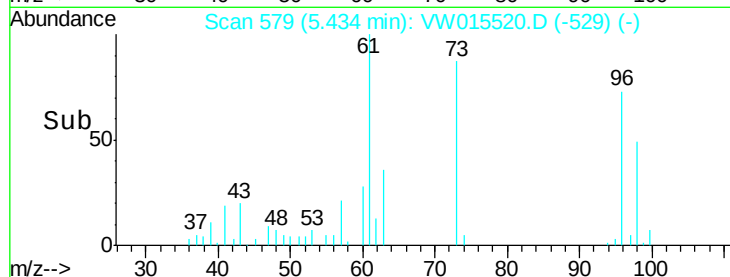
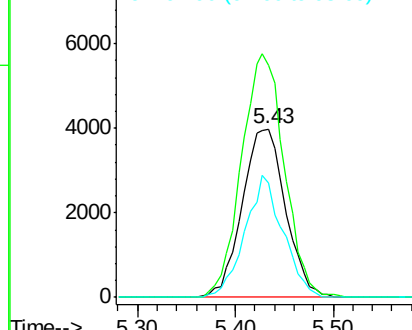
96 100

61 137.7 114.3 171.5

98 67.6 51.0 76.4



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: 4.232 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW015520.D

Acq: 02 Jun 2020 11:26

Tgt Ion: 45 Resp: 33621

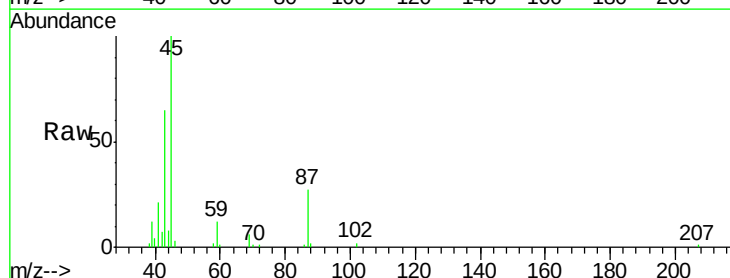
Ion Ratio Lower Upper

45 100

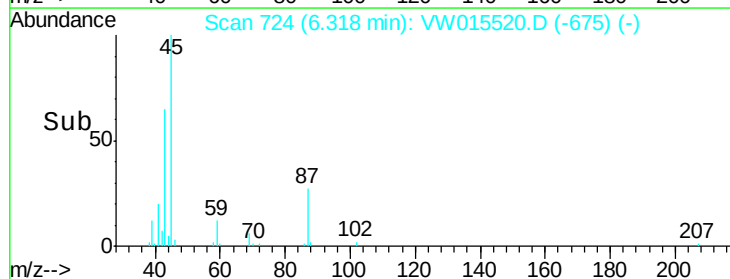
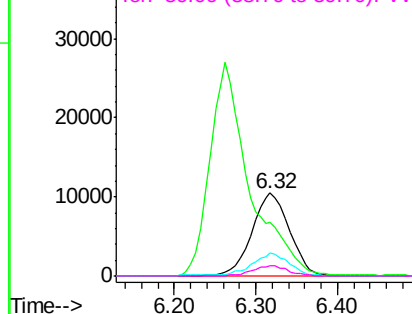
43 63.7 44.1 66.1

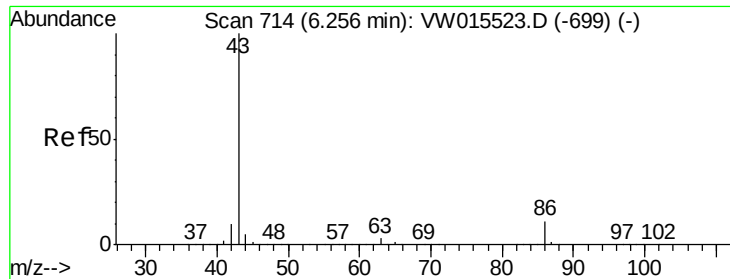
87 27.1 21.8 32.8

59 12.4 9.0 13.6



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





#23

Vinyl Acetate

Concen: 18.887 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.01 min

Lab File: VW015520.D

Acq: 02 Jun 2020 11:26

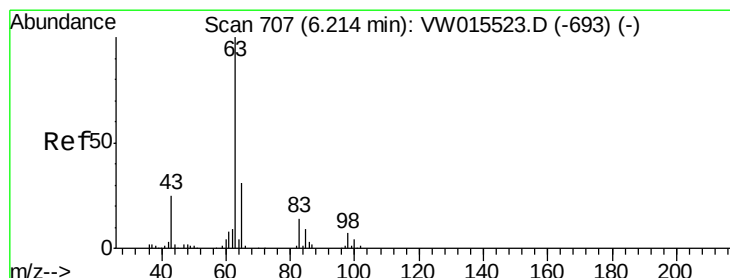
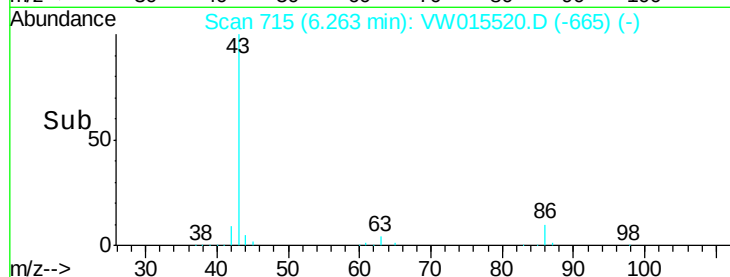
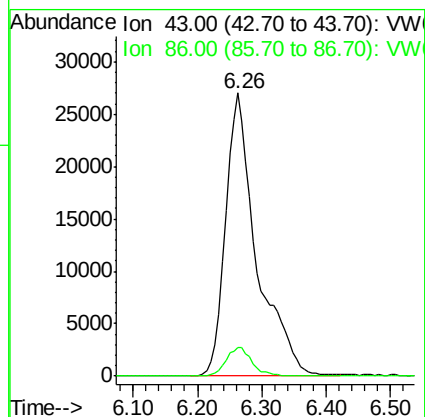
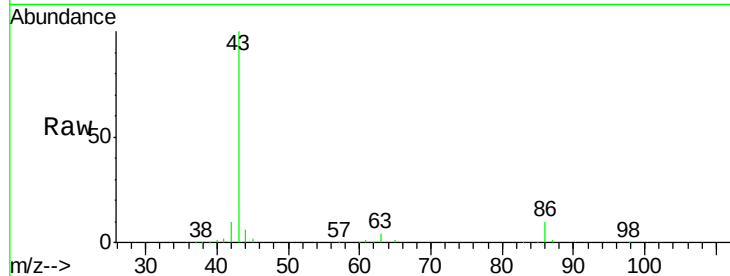
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 91680

Ion Ratio Lower Upper

43 100

86 9.9 8.6 12.8



#24

1,1-Dichloroethane

Concen: 4.677 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW015520.D

Acq: 02 Jun 2020 11:26

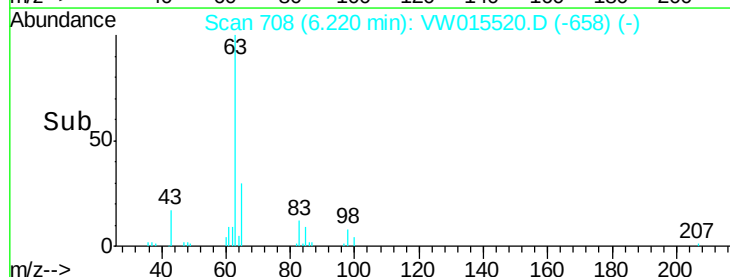
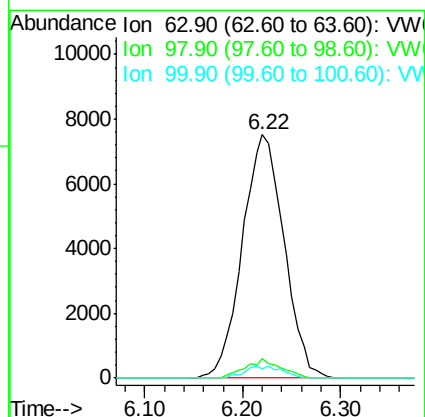
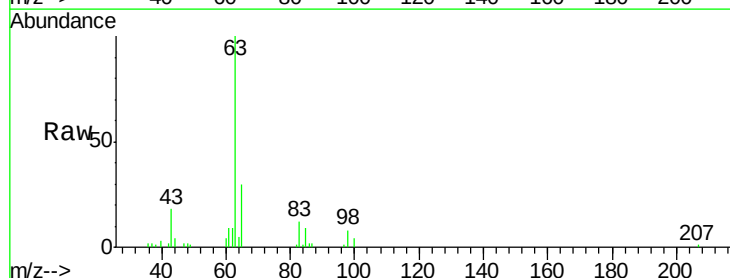
Tgt Ion: 63 Resp: 22318

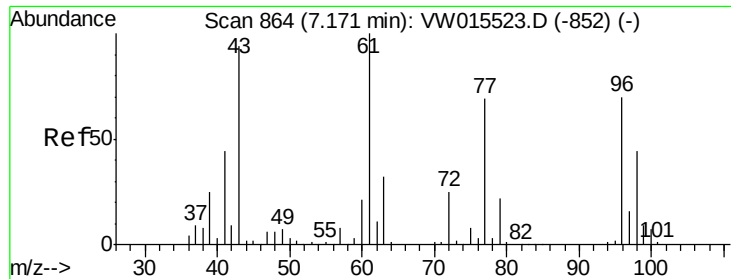
Ion Ratio Lower Upper

63 100

98 7.8 3.4 10.1

100 3.7 2.2 6.6





#25

2-Butanone

Concen: 23.604 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW015520.D

Acq: 02 Jun 2020 11:26

Instrument :

MSVOA_W

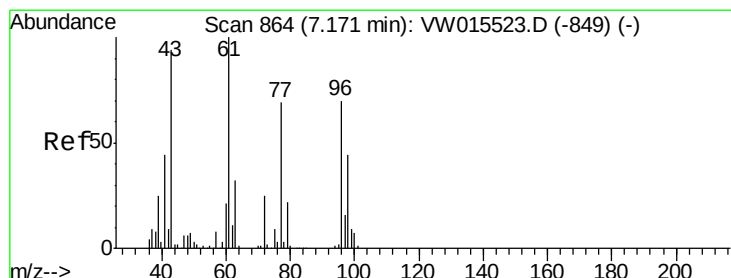
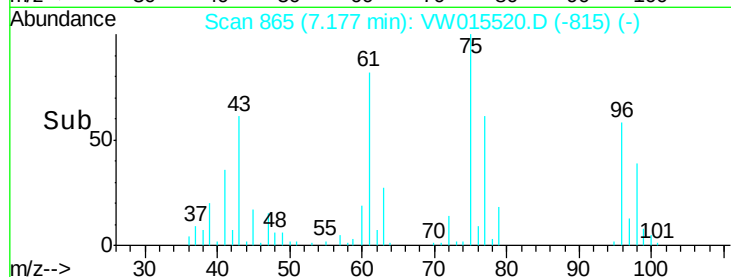
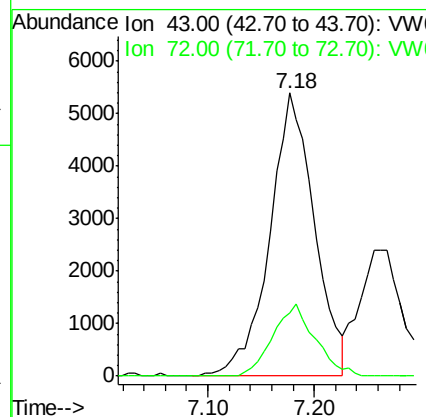
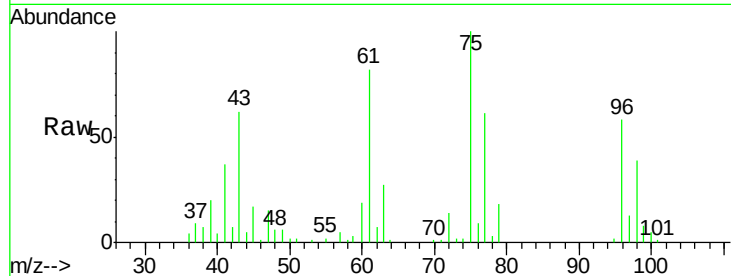
ClientSampled :

Tot Ion: 43 Resp: 15775

Ion Ratio Lower Upper

43 100

72 22.2 21.0 31.4



#26

2,2-Dichloropropane

Concen: 5.825 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015520.D

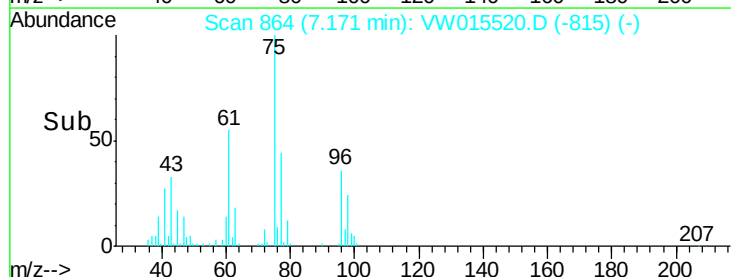
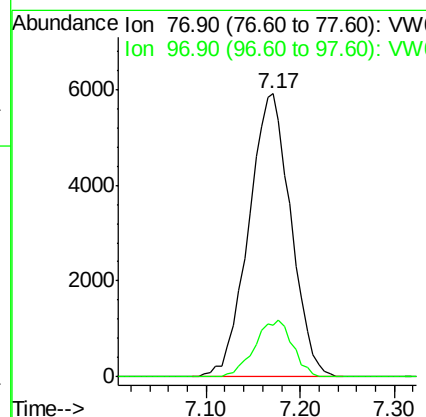
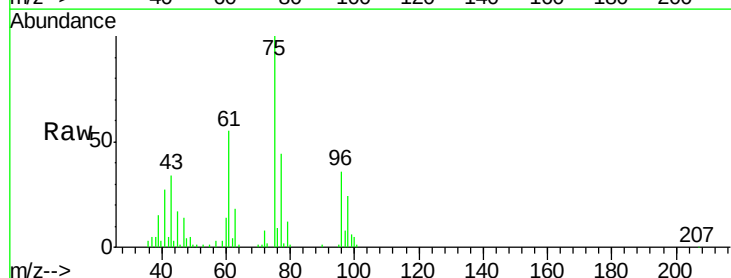
Acq: 02 Jun 2020 11:26

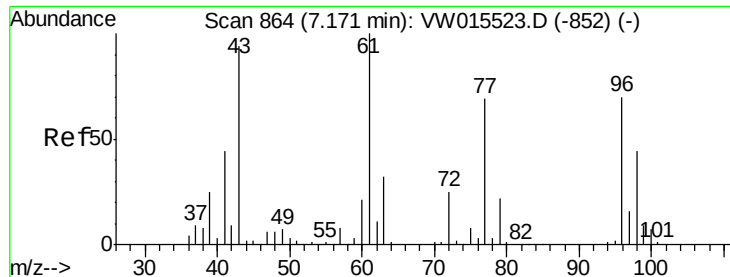
Tgt Ion: 77 Resp: 18491

Ion Ratio Lower Upper

77 100

97 18.0 11.1 33.3

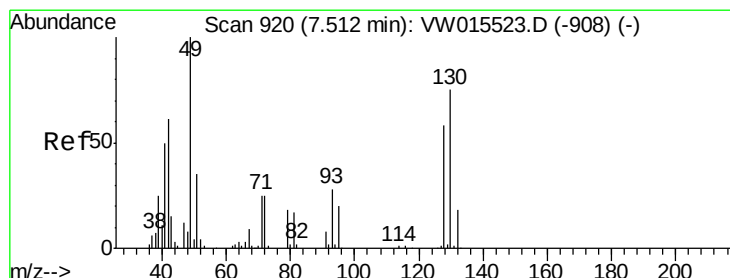
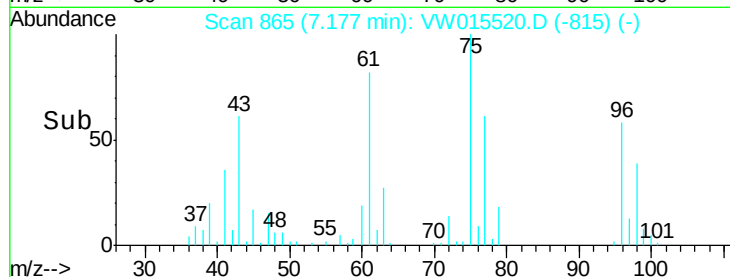
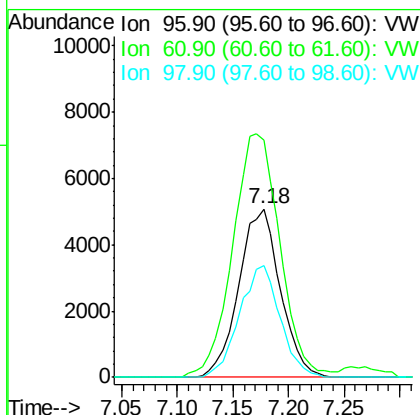
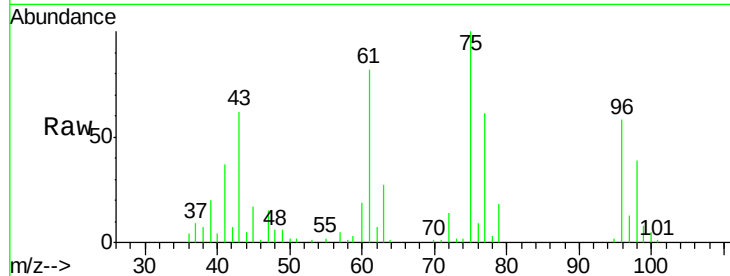




#27
 cis-1,2-Dichloroethene
 Concen: 4.574 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VW015520.D
 Acq: 02 Jun 2020 11:26

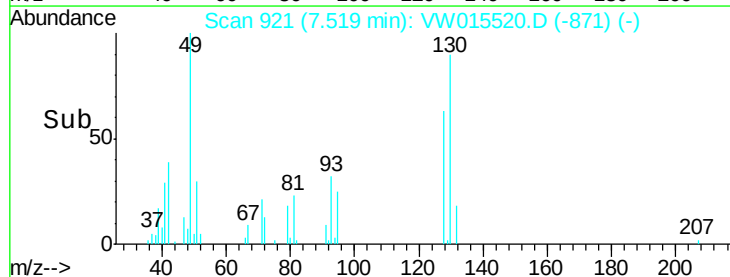
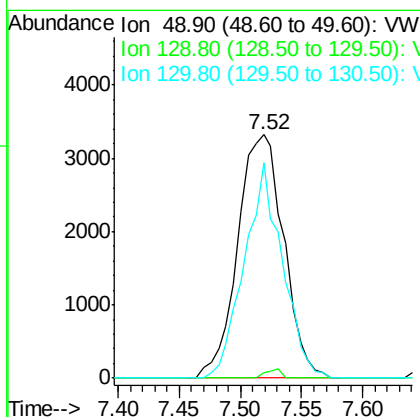
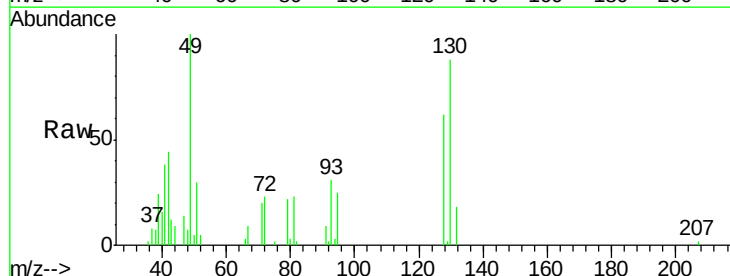
Instrument :
 MSVOA_W
 ClientSampleId :

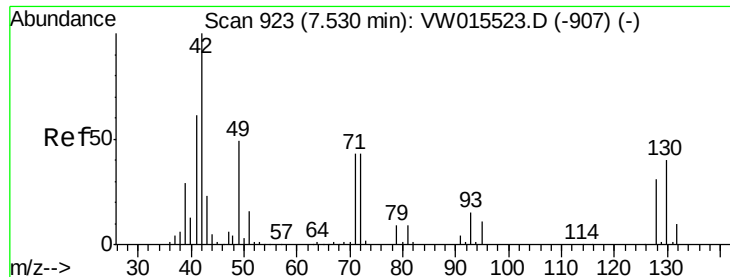
Tot Ion: 96 Resp: 13176
 Ion Ratio Lower Upper
 96 100
 61 164.2 0.0 293.0
 98 64.9 0.0 127.2



#28
 Bromochloromethane
 Concen: 4.576 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: VW015520.D
 Acq: 02 Jun 2020 11:26

Tgt Ion: 49 Resp: 8671
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 2.0
 130 73.3 59.7 89.5

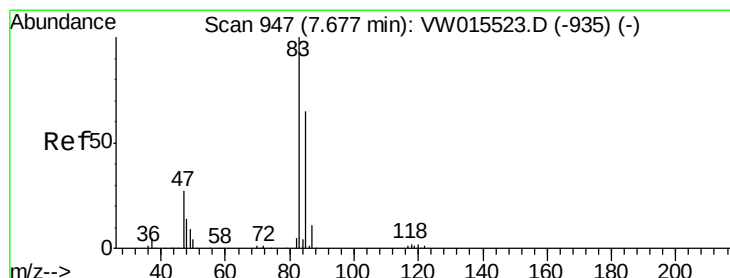
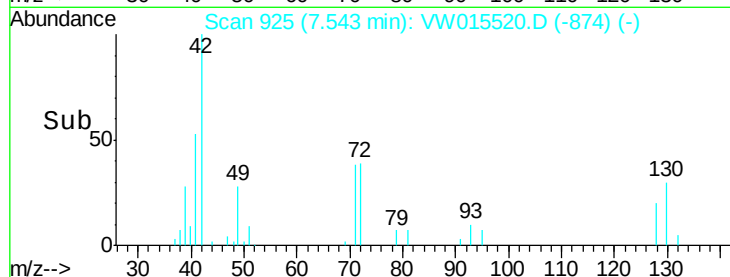
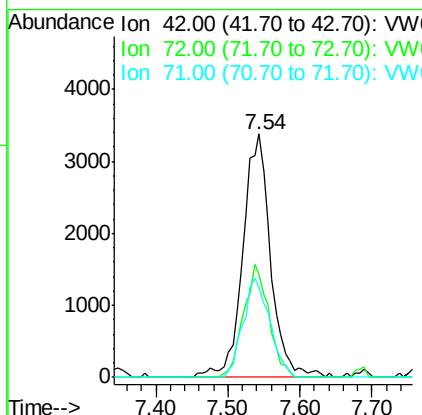
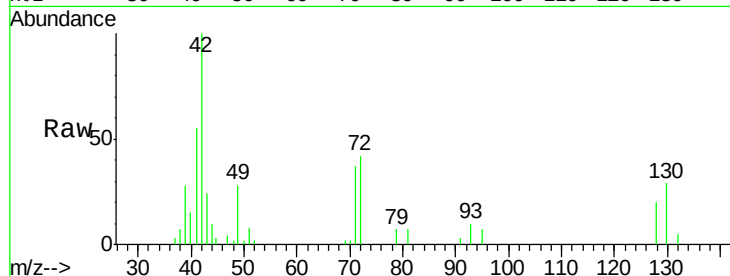




#29
Tetrahydrofuran
Concen: 21.156 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW015520.D
Acq: 02 Jun 2020 11:26

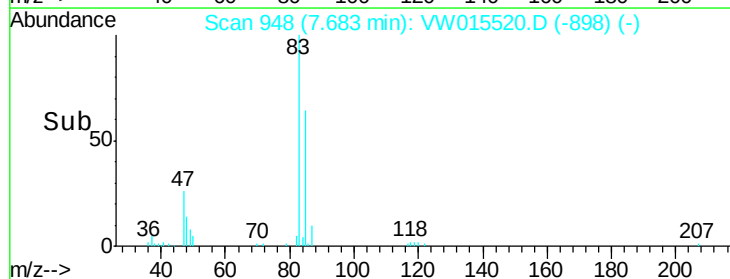
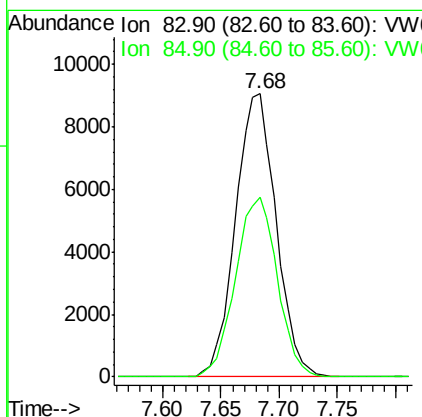
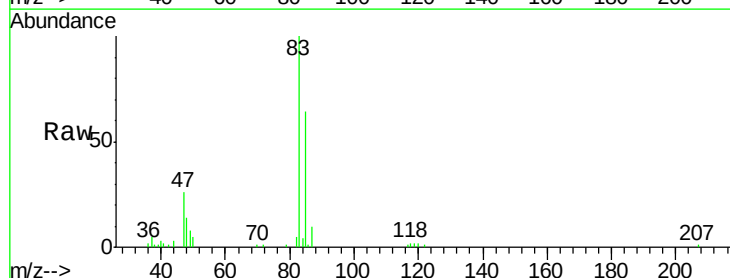
Instrument :
MSVOA_W
ClientSampled :

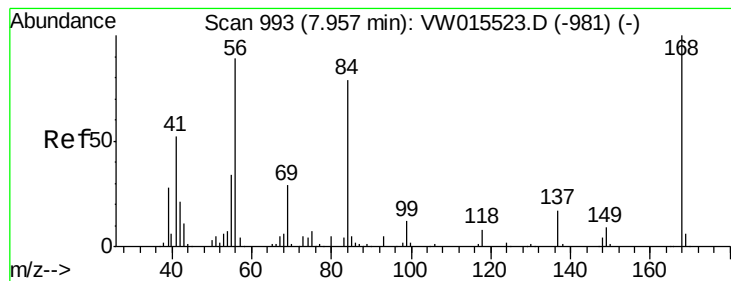
Tot Ion: 42 Resp: 9036
Ion Ratio Lower Upper
42 100
72 42.2 34.8 52.2
71 39.3 33.3 49.9



#30
Chloroform
Concen: 4.634 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW015520.D
Acq: 02 Jun 2020 11:26

Tgt Ion: 83 Resp: 22022
Ion Ratio Lower Upper
83 100
85 63.6 52.2 78.4





#31

Cyclohexane

Concen: 5.362 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW015520.D

Acq: 02 Jun 2020 11:26

Instrument :

MSVOA_W

ClientSampled :

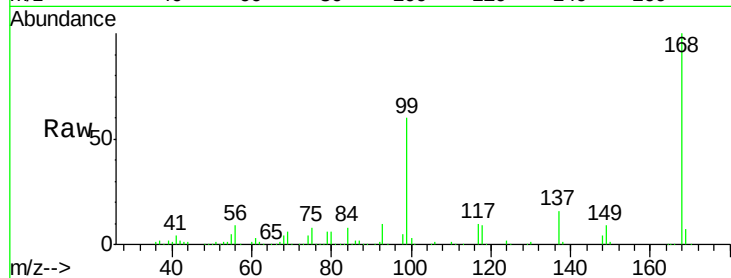
Tot Ion: 56 Resp: 25687

Ion Ratio Lower Upper

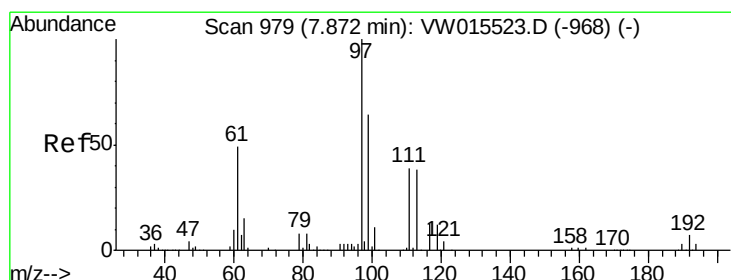
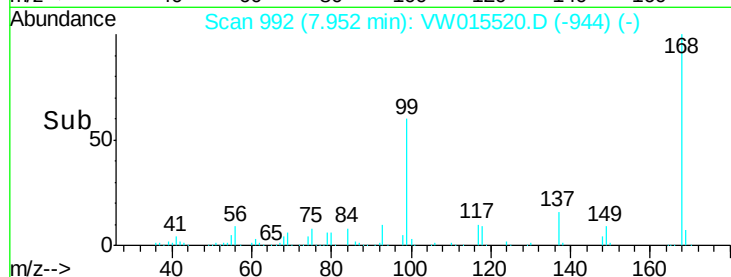
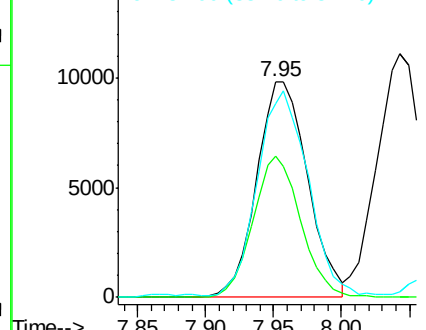
56 100

69 65.3 26.3 39.5#

84 88.5 71.0 106.4



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: 4.823 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW015520.D

Acq: 02 Jun 2020 11:26

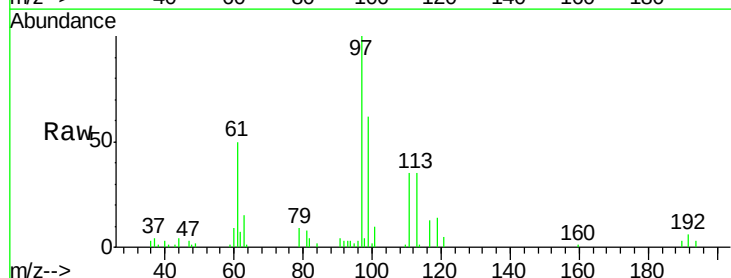
Tgt Ion: 97 Resp: 19247

Ion Ratio Lower Upper

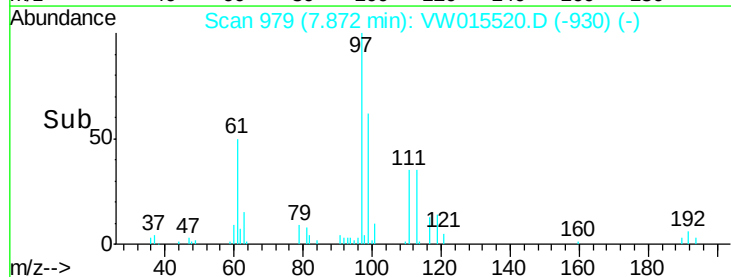
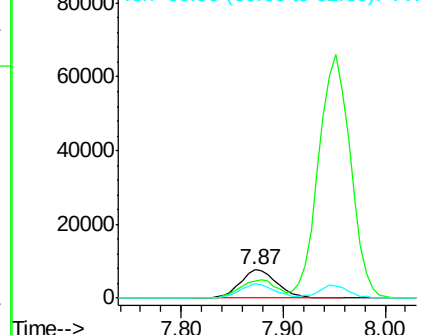
97 100

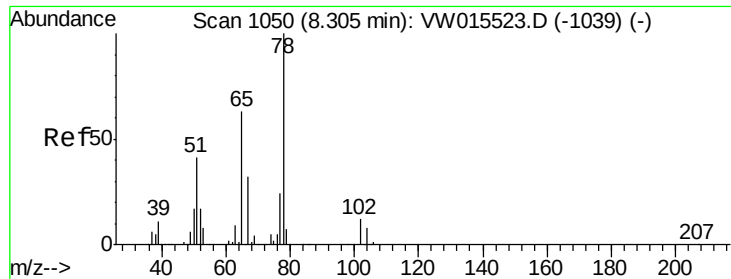
99 63.4 51.4 77.0

61 48.7 37.8 56.8



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

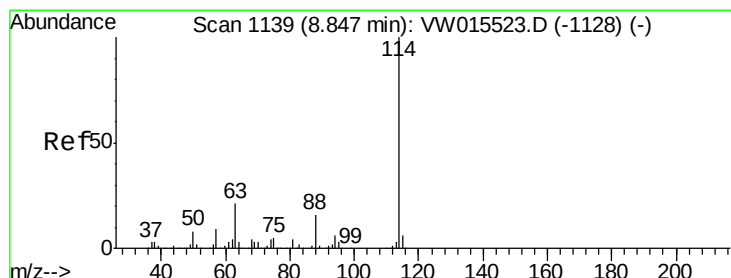
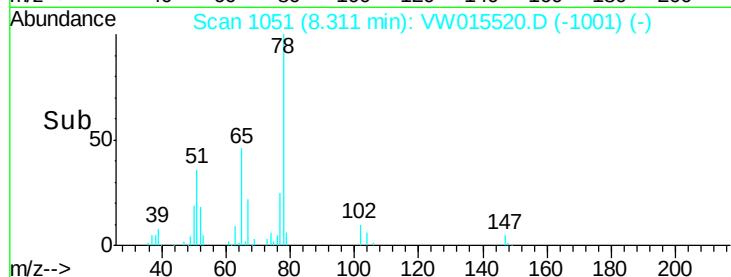
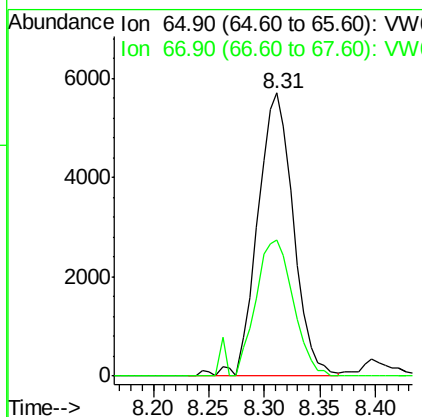
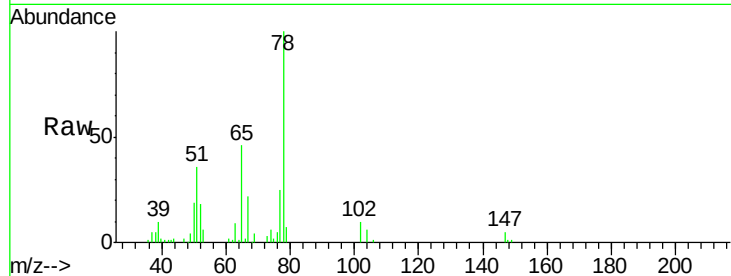




#33
 1,2-Dichloroethane-d4
 Concen: 4.867 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VW015520.D
 Acq: 02 Jun 2020 11:26

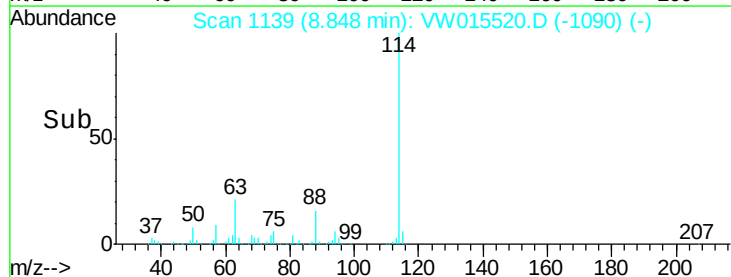
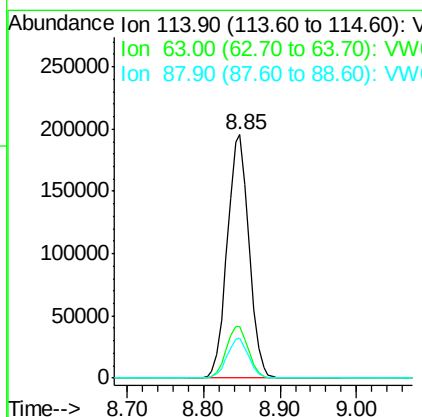
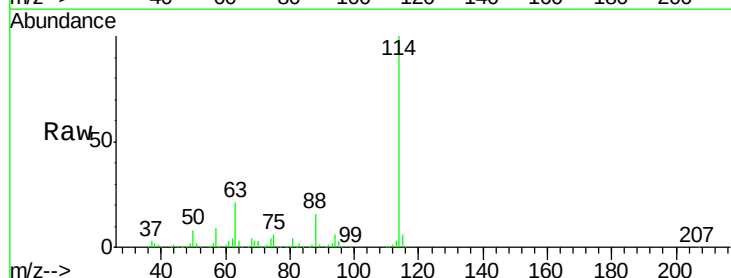
Instrument :
 MSVOA_W
 ClientSampleId :

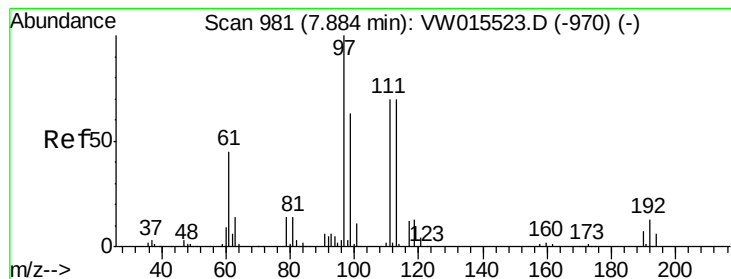
Tot Ion: 65 Resp: 12739
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW015520.D
 Acq: 02 Jun 2020 11:26

Tgt Ion: 114 Resp: 382747
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 42.0
 88 16.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 5.004 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW015520.D

Acq: 02 Jun 2020 11:26

Instrument :

MSVOA_W

ClientSampleId :

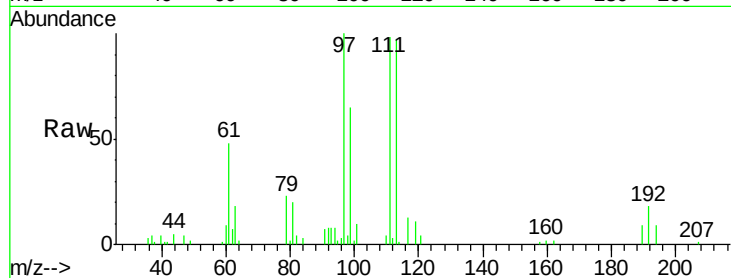
Tot Ion:113 Resp: 11033

Ion Ratio Lower Upper

113 100

111 106.6 83.3 124.9

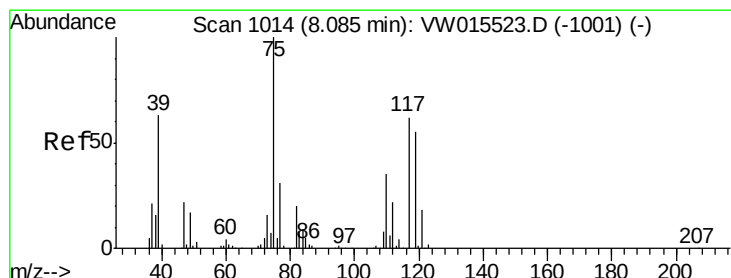
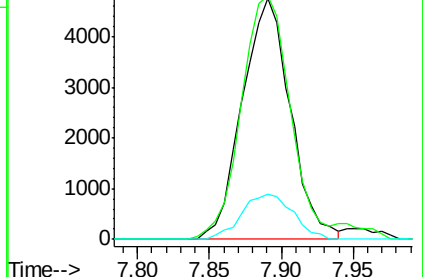
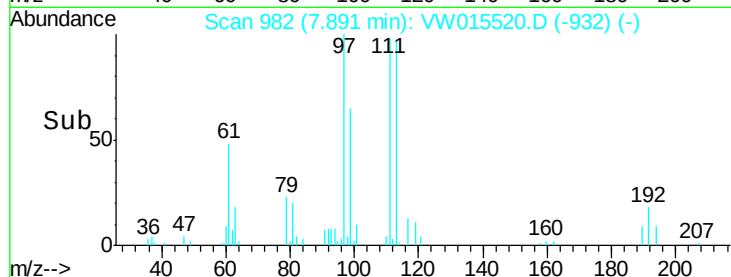
192 20.0 15.8 23.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.854 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW015520.D

Acq: 02 Jun 2020 11:26

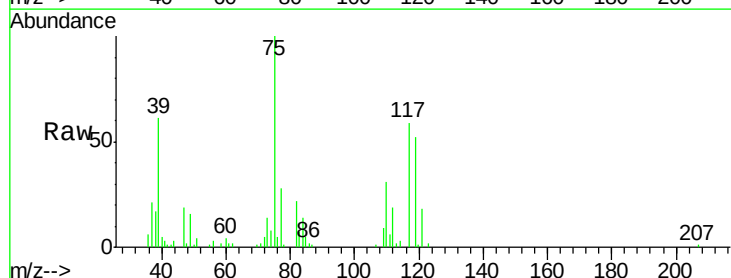
Tgt Ion: 75 Resp: 18437

Ion Ratio Lower Upper

75 100

110 32.5 17.2 51.6

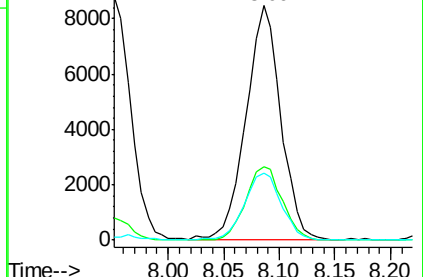
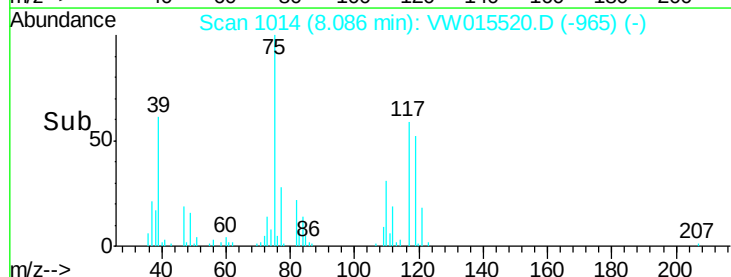
77 30.6 25.0 37.4

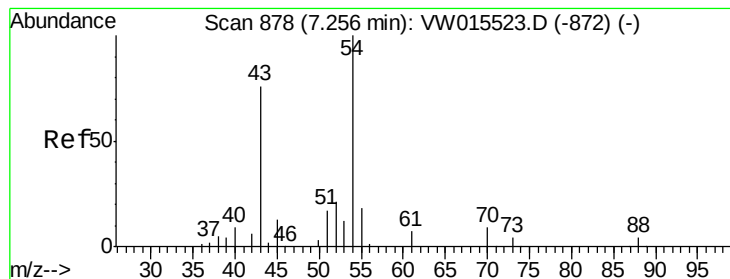


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 4.835 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.00 min

Lab File: VW015520.D

Acq: 02 Jun 2020 11:26

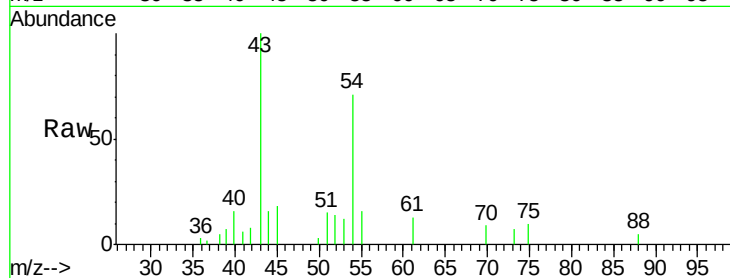
Instrument :

MSVOA_W

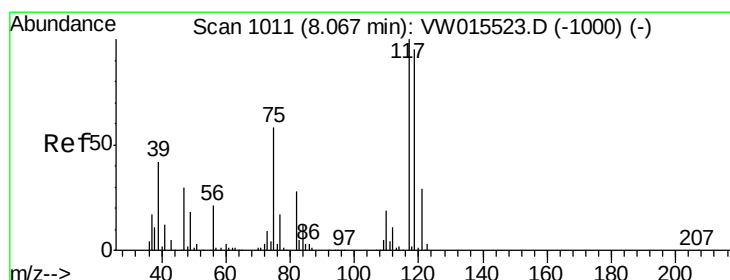
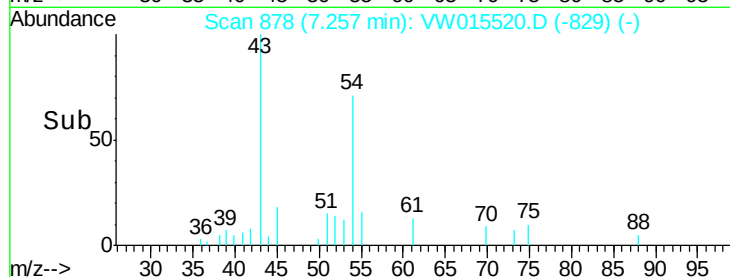
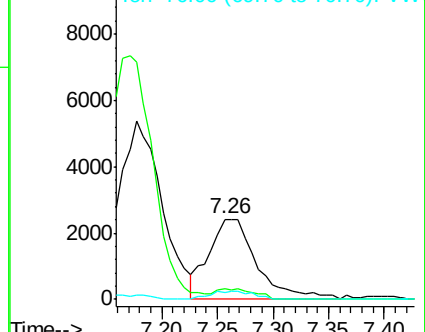
ClientSampled :

Tot Ion: 43 Resp: 7233

Ion	Ratio	Lower	Upper
43	100		
61	9.9	10.4	15.6#
70	9.0	8.4	12.6



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 4.935 ug/l

RT: 8.07 min Scan# 1012

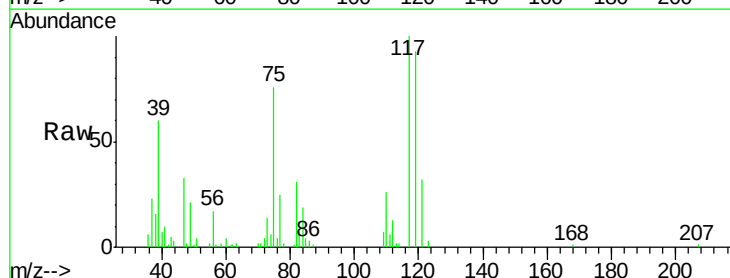
Delta R.T. 0.01 min

Lab File: VW015520.D

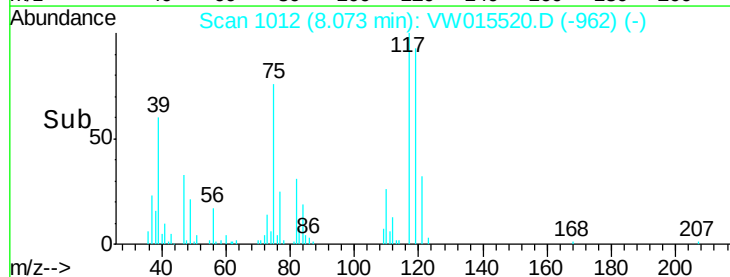
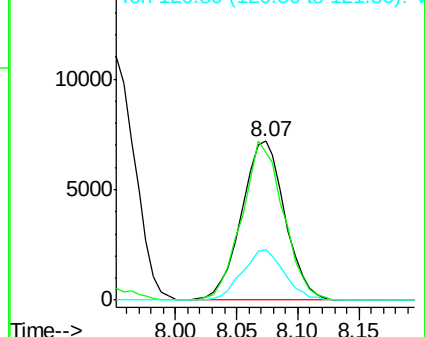
Acq: 02 Jun 2020 11:26

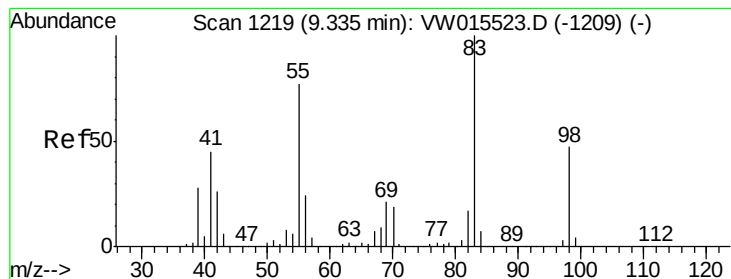
Tgt Ion: 117 Resp: 17734

Ion	Ratio	Lower	Upper
117	100		
119	92.9	75.9	113.9
121	31.6	23.5	35.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

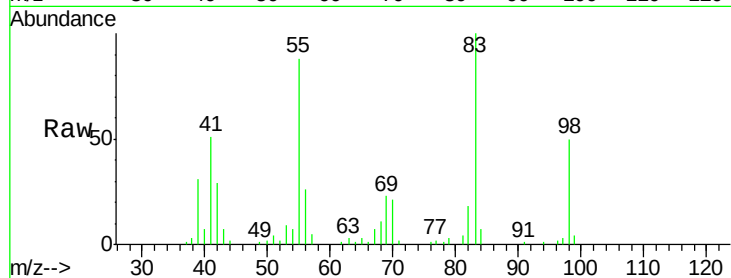




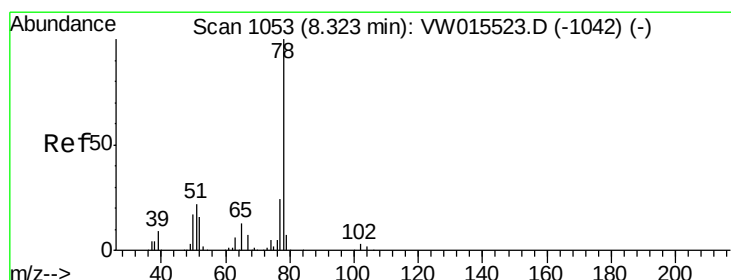
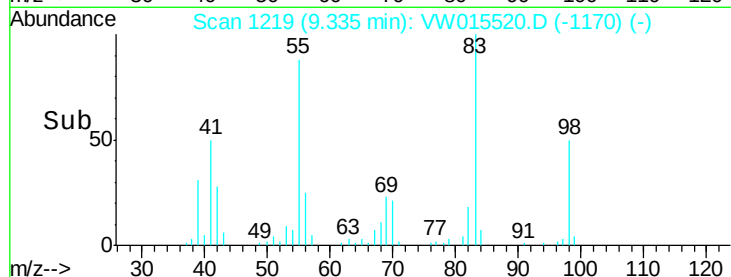
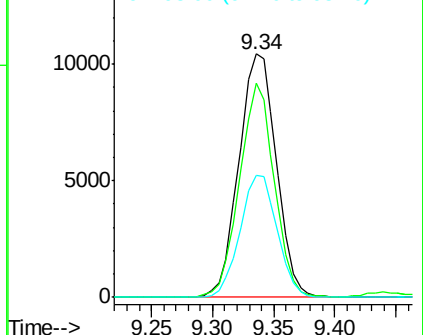
#39
Methylvlcyclohexane
Concen: 4.611 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015520.D
Acq: 02 Jun 2020 11:26

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 83 Resp: 22182
Ion Ratio Lower Upper
83 100
55 88.0 61.7 92.5
98 50.3 37.7 56.5

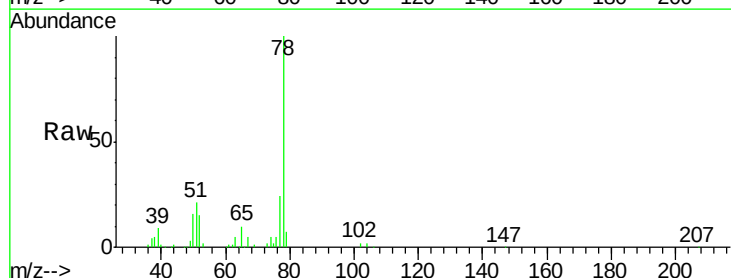


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

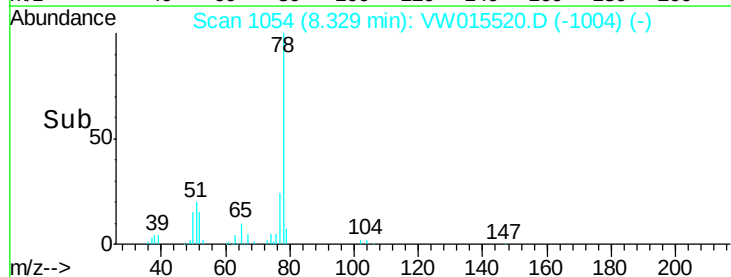
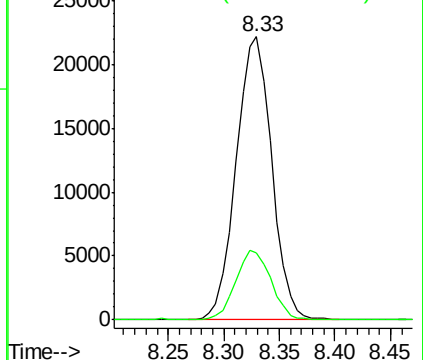


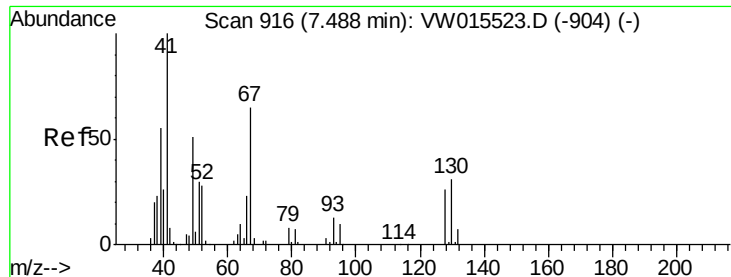
#40
Benzene
Concen: 4.717 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VW015520.D
Acq: 02 Jun 2020 11:26

Tgt Ion: 78 Resp: 49069
Ion Ratio Lower Upper
78 100
77 23.8 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW

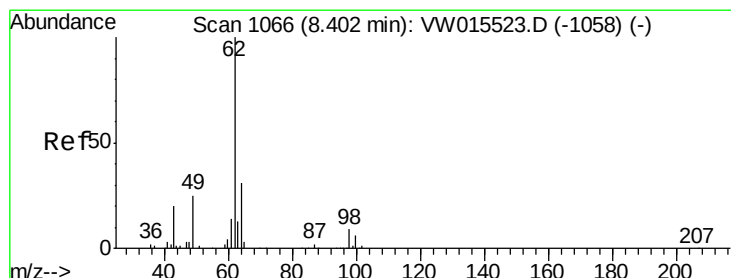
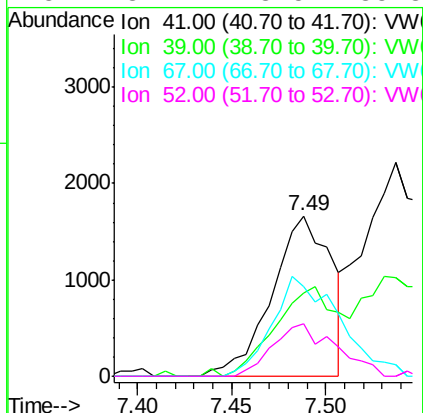
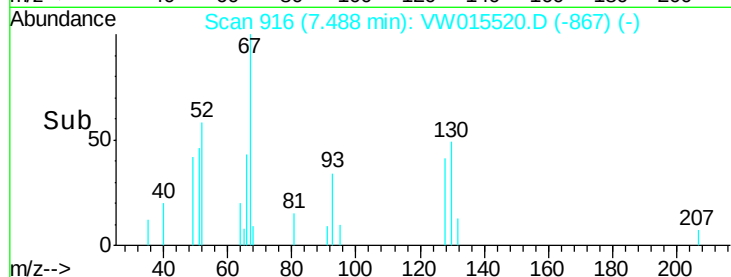
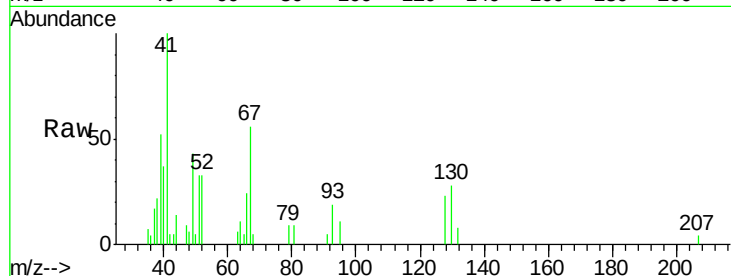




#41
Methacrylonitrile
Concen: 3.809 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW015520.D
Acq: 02 Jun 2020 11:26

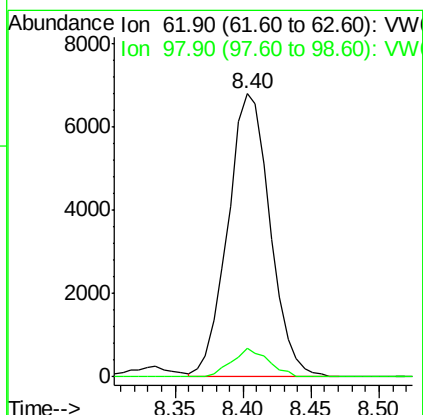
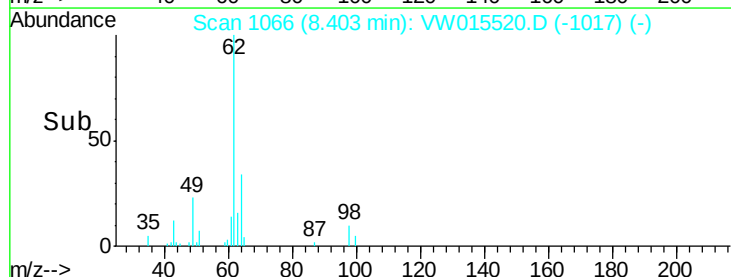
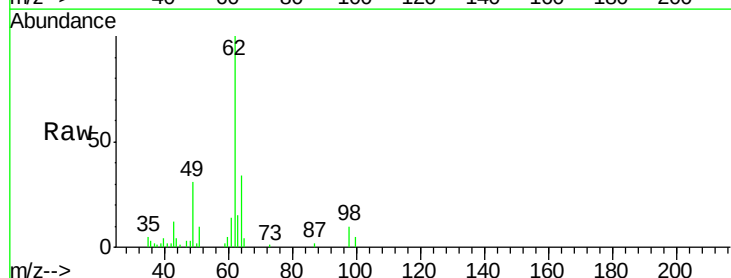
Instrument :
MSVOA_W
ClientSampled :

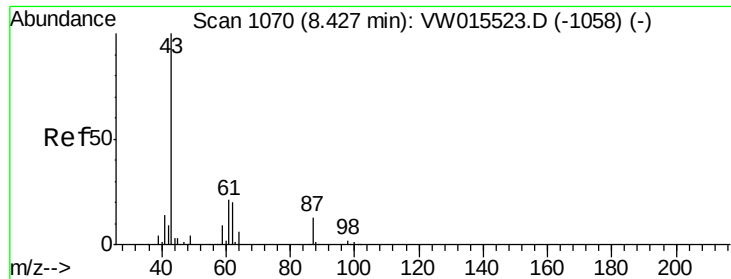
Tot Ion:	41	Resp:	3634
Ion	Ratio	Lower	Upper
41	100		
39	61.5	44.5	66.7
67	70.7	53.1	79.7
52	34.7	23.5	35.3



#42
1,2-Dichloroethane
Concen: 4.618 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015520.D
Acq: 02 Jun 2020 11:26

Tgt Ion:	62	Resp:	14716
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.6





#43

Isopropyl Acetate

Concen: 4.168 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW015520.D

Acq: 02 Jun 2020 11:26

Instrument :

MSVOA_W

ClientSampleId :

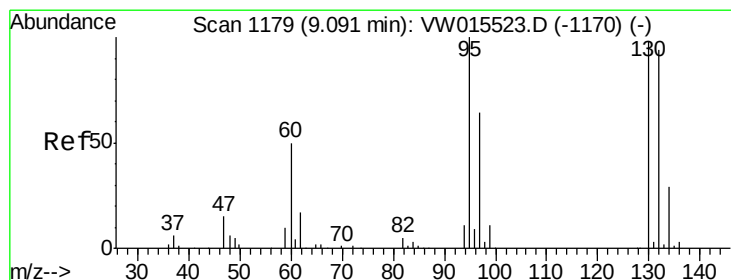
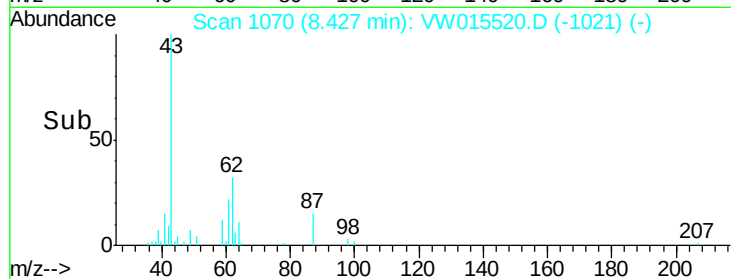
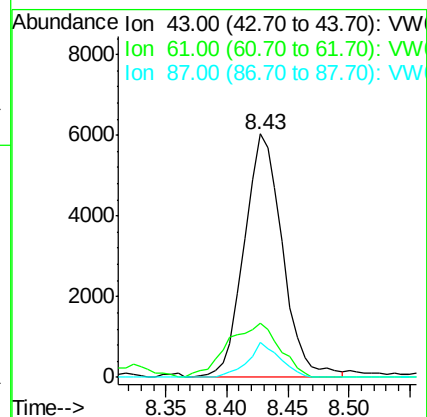
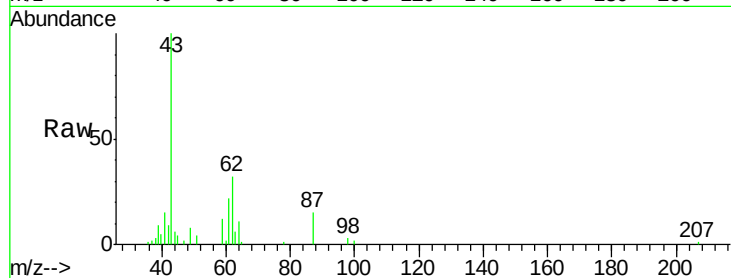
Tot Ion: 43 Resp: 13121

Ion Ratio Lower Upper

43 100

61 30.2 23.8 35.8

87 12.1 10.1 15.1



#44

Trichloroethene

Concen: 4.794 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW015520.D

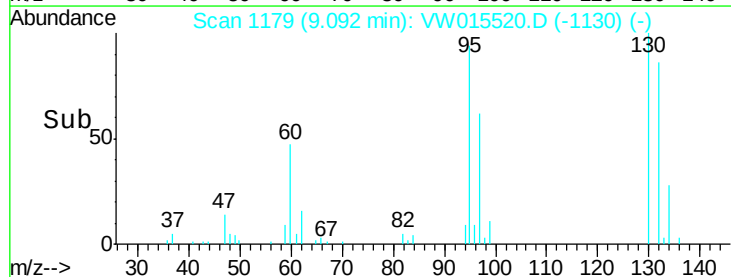
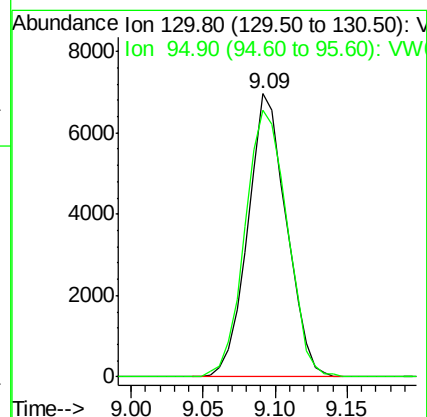
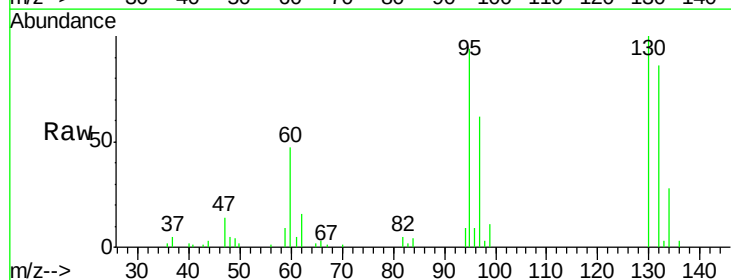
Acq: 02 Jun 2020 11:26

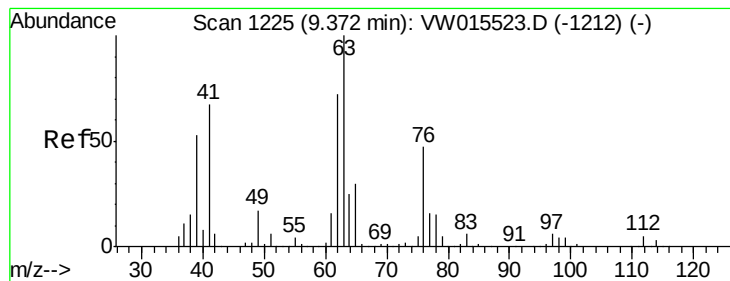
Tgt Ion: 130 Resp: 12946

Ion Ratio Lower Upper

130 100

95 94.3 0.0 204.0





#45

1,2-Dichloropropane

Concen: 4.577 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW015520.D

Acq: 02 Jun 2020 11:26

Instrument :

MSVOA_W

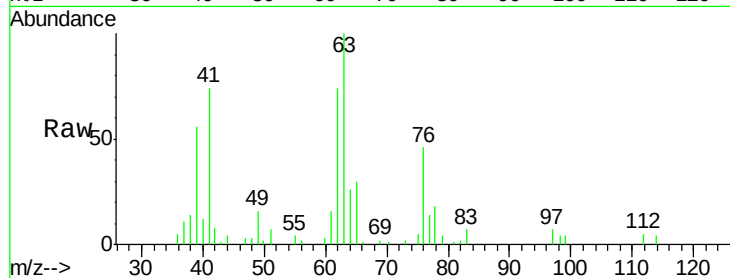
ClientSampleId :

Tot Ion: 63 Resp: 11769

Ion Ratio Lower Upper

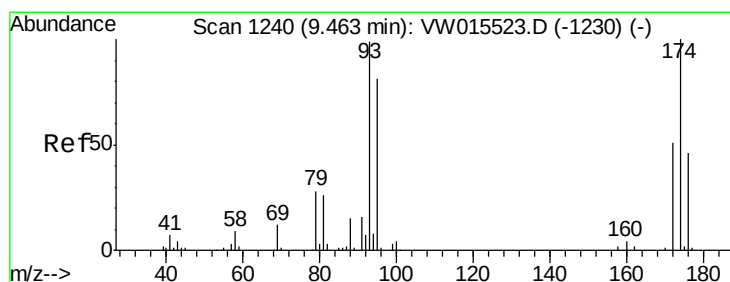
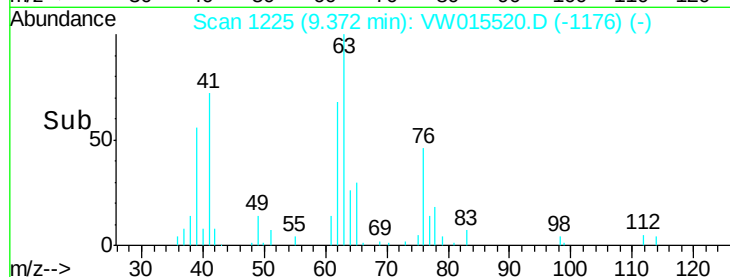
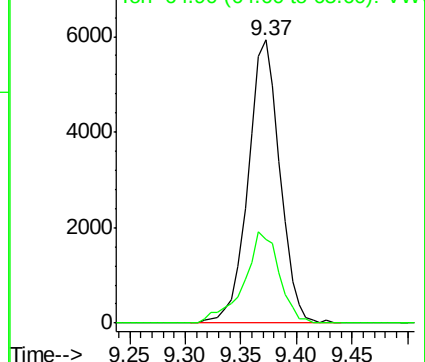
63 100

65 29.5 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 4.575 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VW015520.D

Acq: 02 Jun 2020 11:26

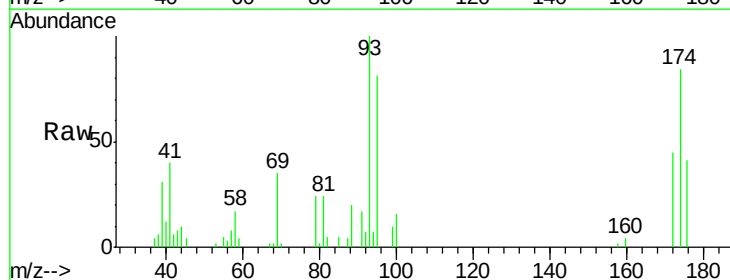
Tgt Ion: 93 Resp: 5923

Ion Ratio Lower Upper

93 100

95 85.6 65.1 97.7

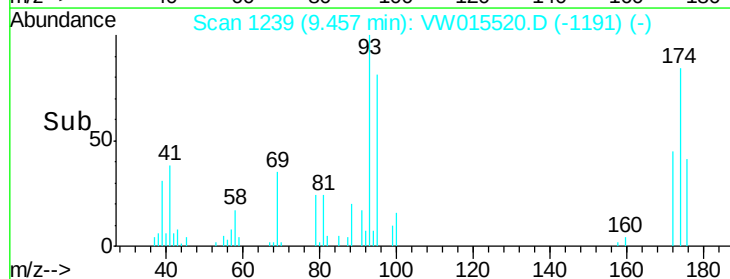
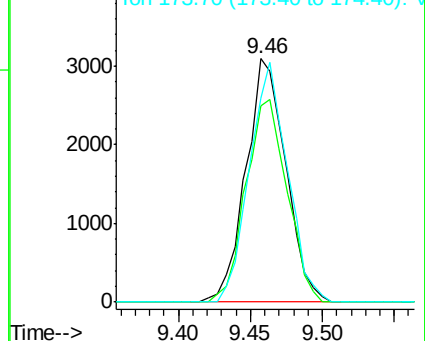
174 93.7 78.6 118.0

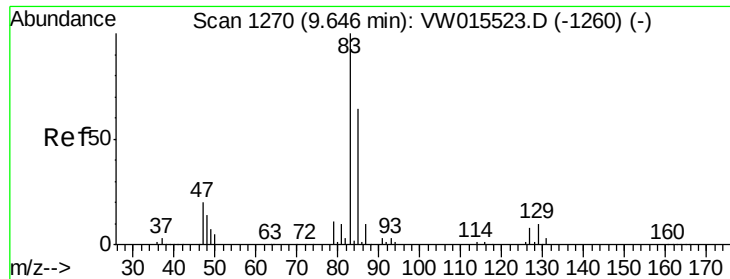


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 4.471 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW015520.D

Acq: 02 Jun 2020 11:26

Instrument :

MSVOA_W

ClientSampled :

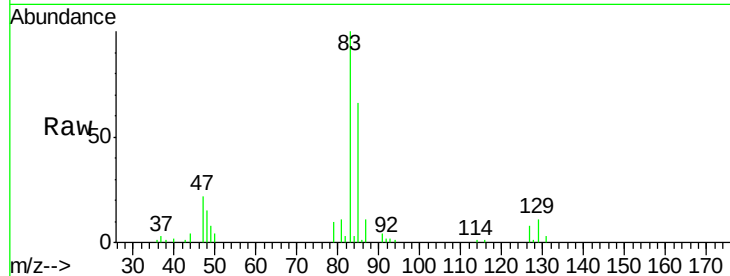
Tot Ion: 83 Resp: 15636

Ion Ratio Lower Upper

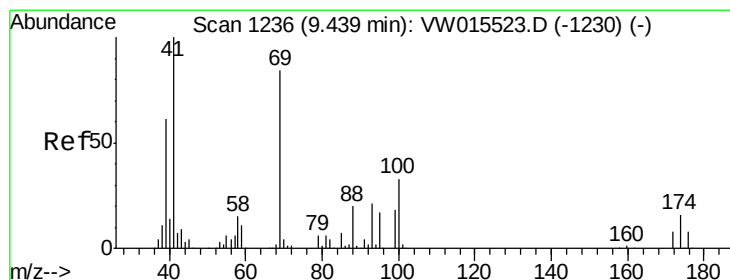
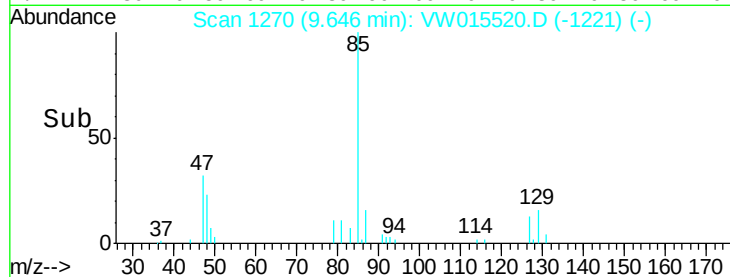
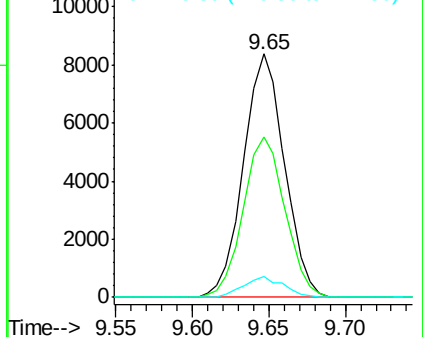
83 100

85 66.0 51.1 76.7

127 8.4 6.4 9.6



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: 3.844 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW015520.D

Acq: 02 Jun 2020 11:26

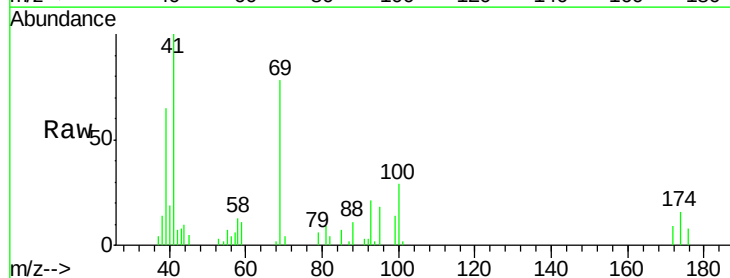
Tgt Ion: 41 Resp: 5565

Ion Ratio Lower Upper

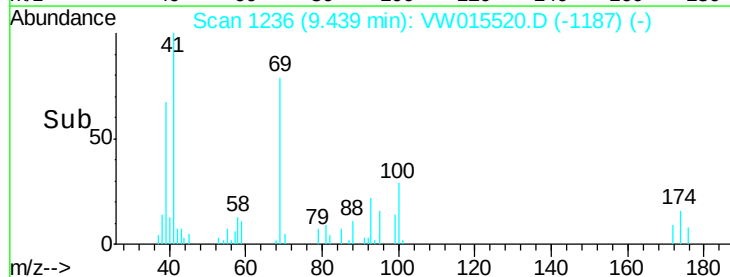
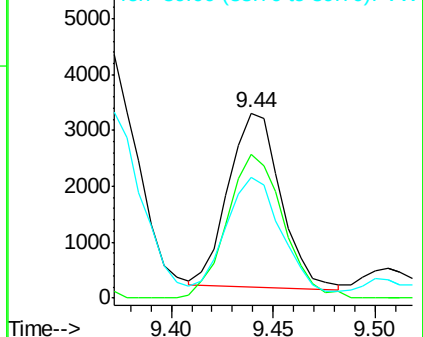
41 100

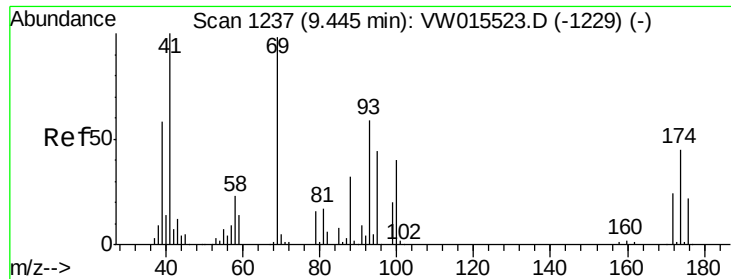
69 88.4 67.8 101.8

39 67.1 50.2 75.2



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

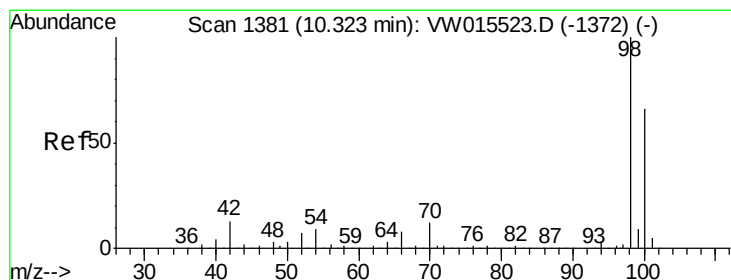
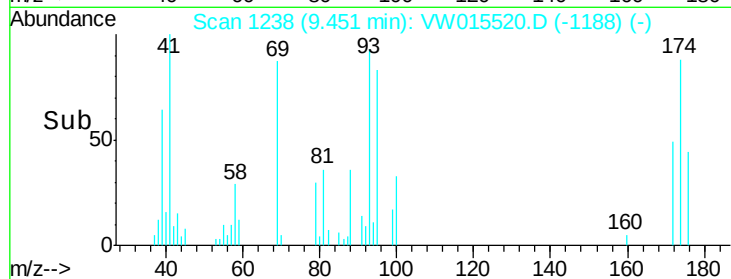
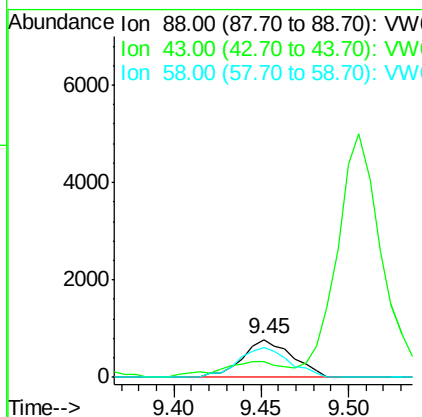
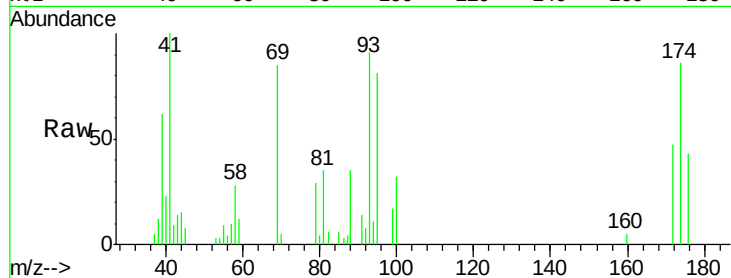




#49
1,4-Dioxane
Concen: 91.901 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW015520.D
Acq: 02 Jun 2020 11:26

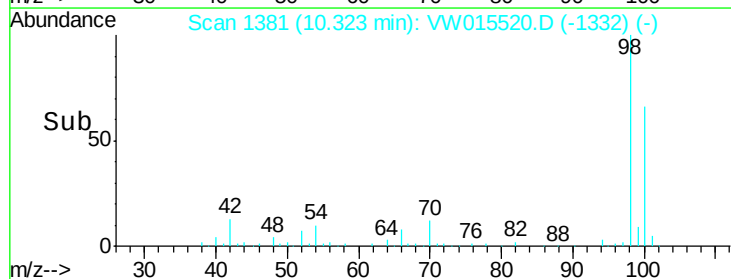
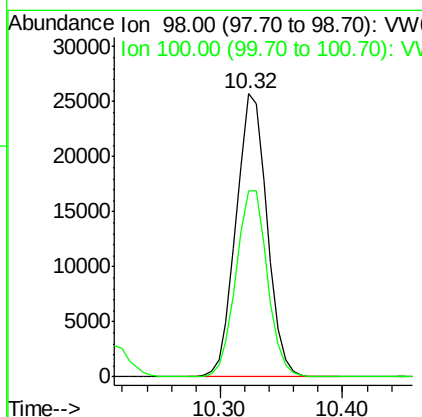
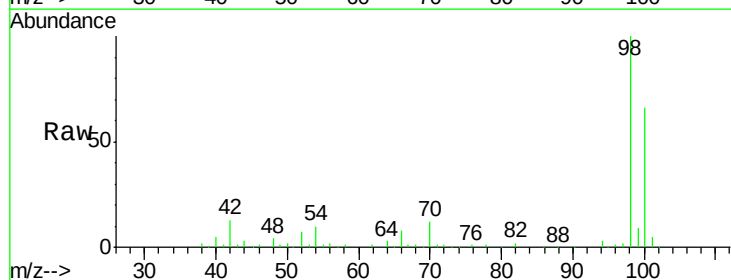
Instrument :
MSVOA_W
ClientSampleId :

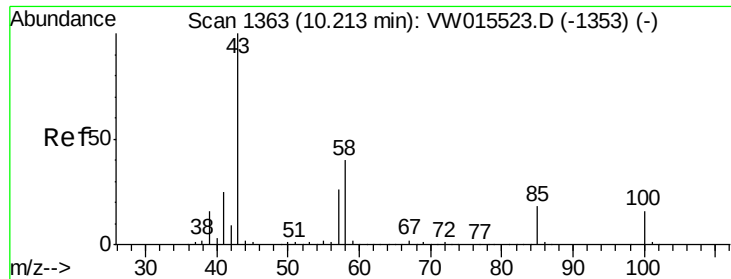
Tot Ion: 88 Resp: 1540
Ion Ratio Lower Upper
88 100
43 55.5 27.9 41.9#
58 80.3 58.8 88.2



#50
Toluene-d8
Concen: 4.988 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015520.D
Acq: 02 Jun 2020 11:26

Tgt Ion: 98 Resp: 45159
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8

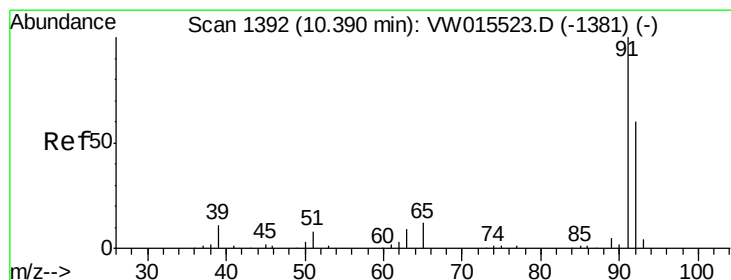
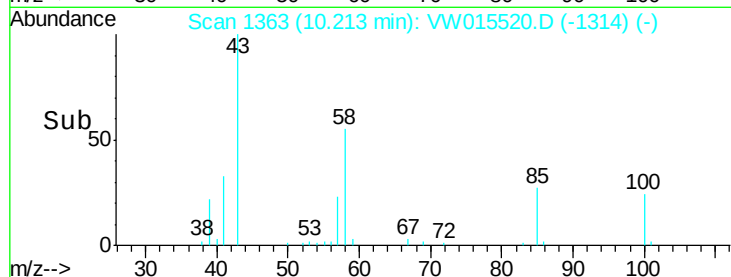
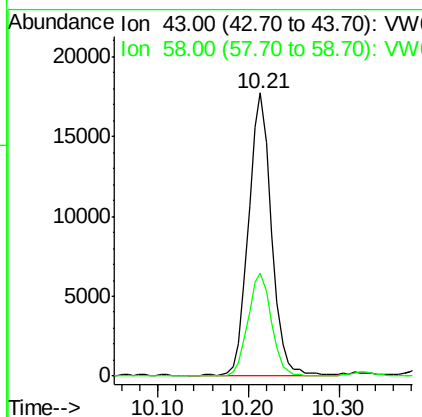
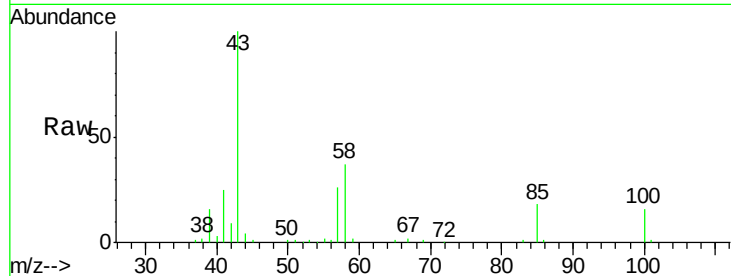




#51
4-Methyl-2-Pentanone
Concen: 21.170 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW015520.D
Acq: 02 Jun 2020 11:26

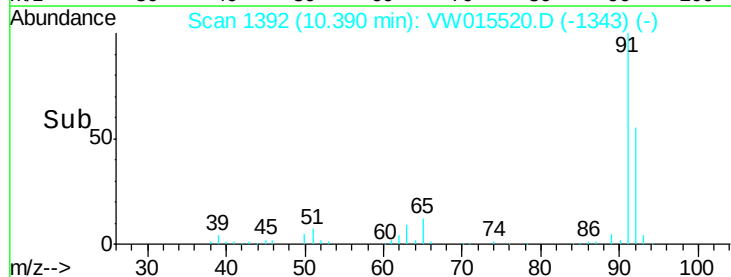
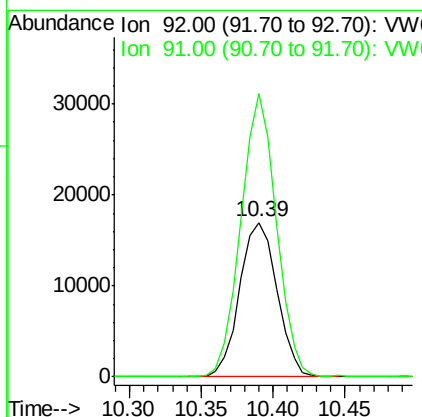
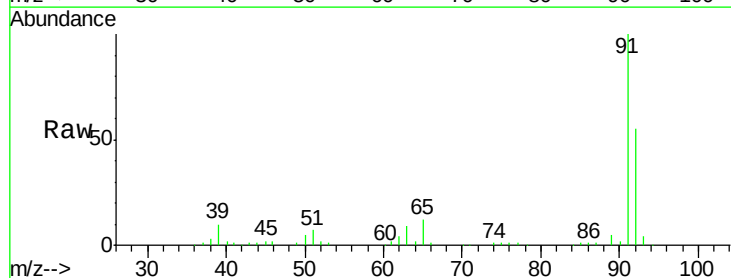
Instrument :
MSVOA_W
ClientSampleId :

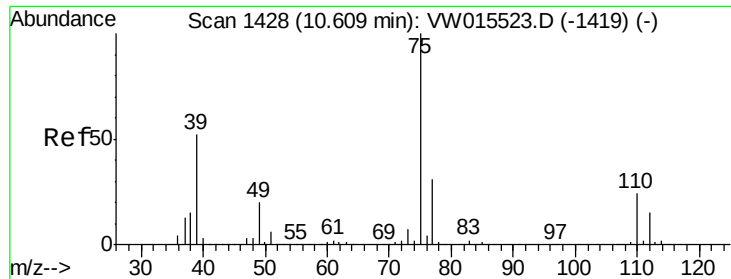
Tot Ion: 43 Resp: 31276
Ion Ratio Lower Upper
43 100
58 36.8 31.4 47.0



#52
Toluene
Concen: 4.542 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW015520.D
Acq: 02 Jun 2020 11:26

Tgt Ion: 92 Resp: 30639
Ion Ratio Lower Upper
92 100
91 173.5 136.5 204.7

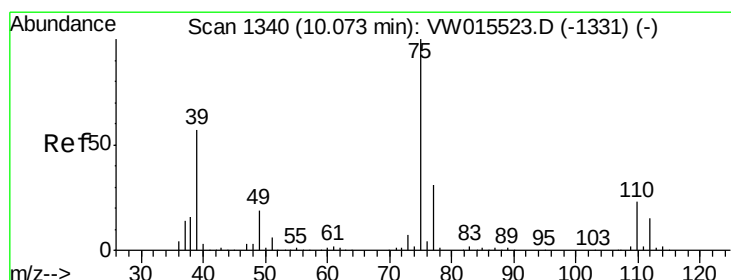
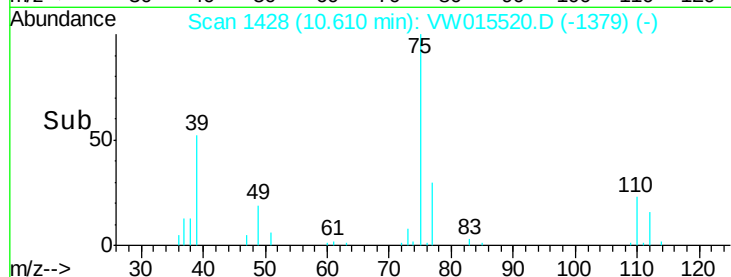
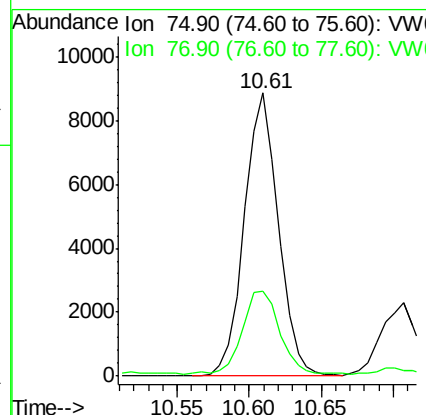
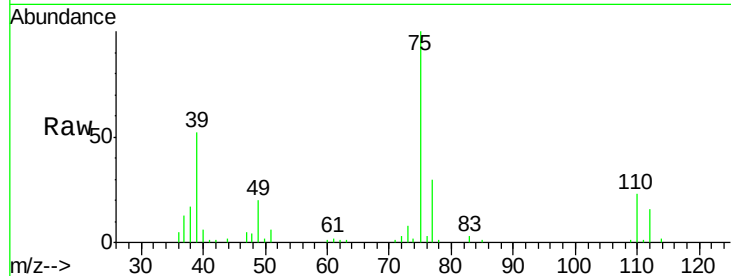




#53
 t-1,3-Dichloropropene
 Concen: 4.068 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW015520.D
 Acq: 02 Jun 2020 11:26

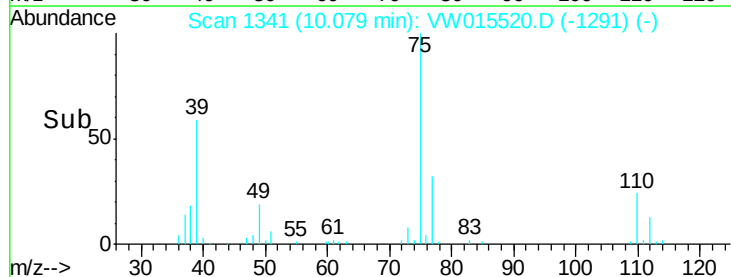
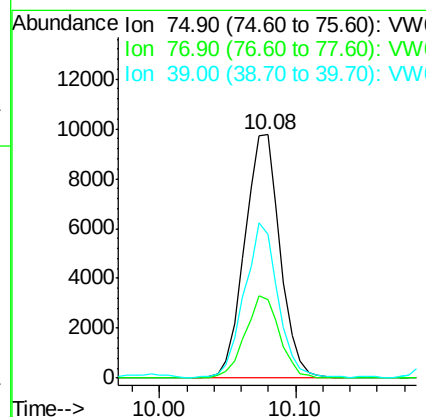
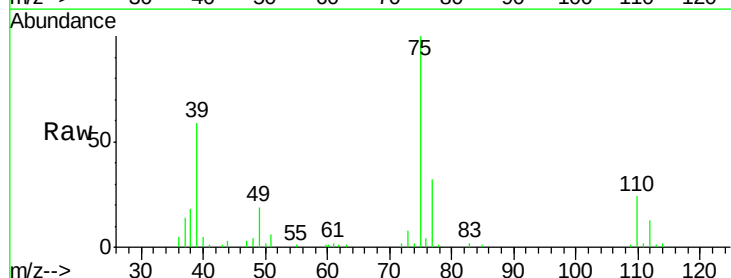
Instrument :
 MSVOA_W
 ClientSampled :

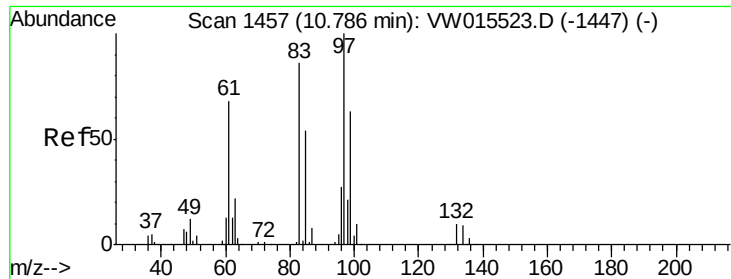
Tot Ion: 75 Resp: 14532
 Ion Ratio Lower Upper
 75 100
 77 28.7 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 4.256 ug/l
 RT: 10.08 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: VW015520.D
 Acq: 02 Jun 2020 11:26

Tgt Ion: 75 Resp: 17808
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.9 37.3
 39 59.0 45.4 68.2

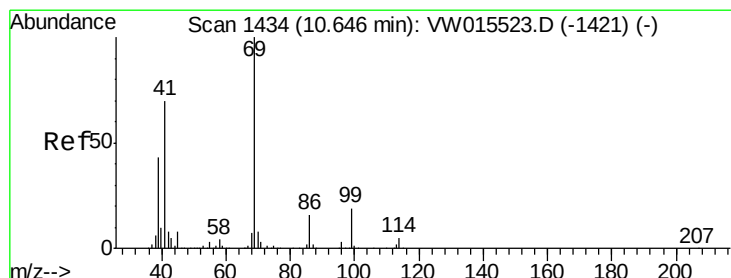
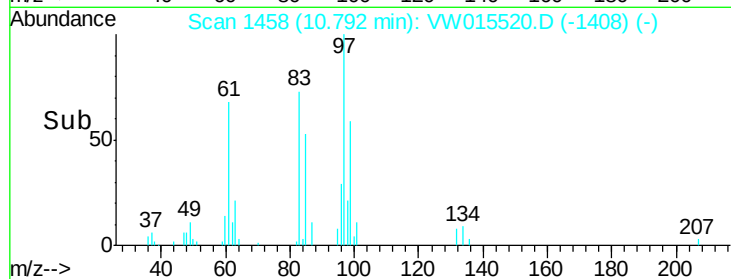
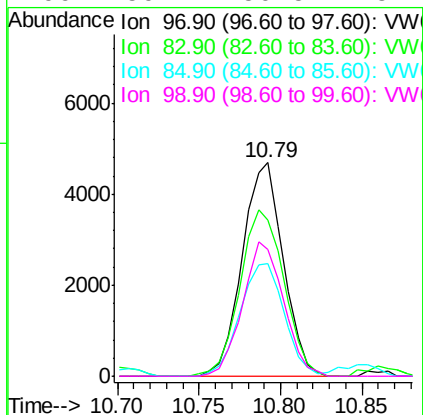
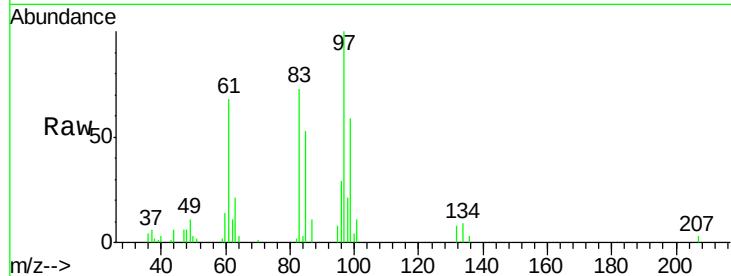




#55
 1,1,2-Trichloroethane
 Concen: 4.504 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: VW015520.D
 Acq: 02 Jun 2020 11:26

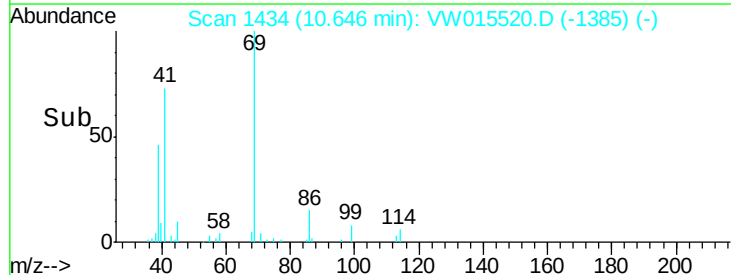
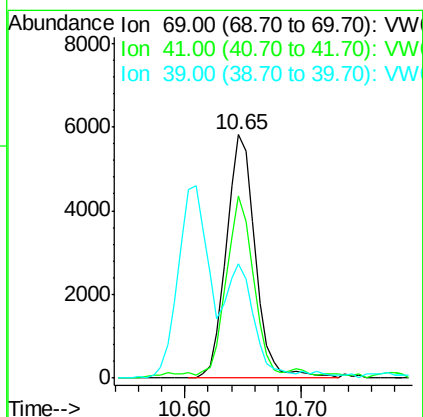
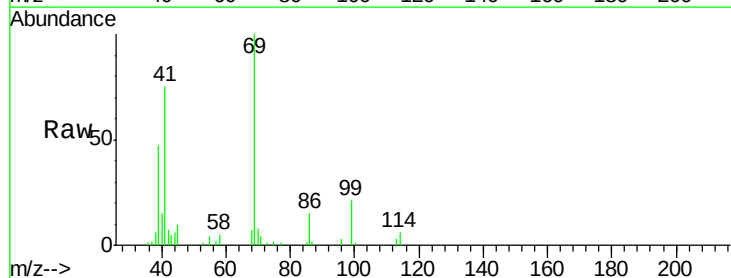
Instrument :
 MSVOA_W
 ClientSampled :

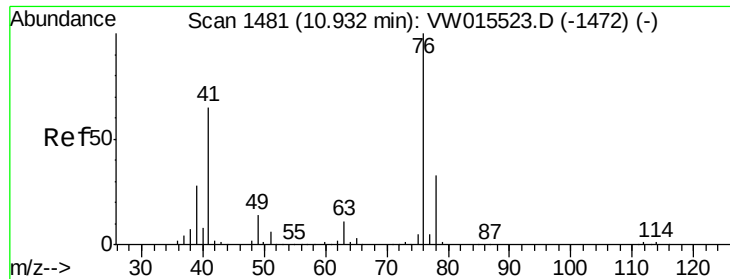
Tot Ion:	97	Resp:	8227
Ion	Ratio	Lower	Upper
97	100		
83	73.1	68.6	102.8
85	52.7	43.2	64.8
99	59.4	50.5	75.7



#56
 Ethyl methacrylate
 Concen: 4.037 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015520.D
 Acq: 02 Jun 2020 11:26

Tgt Ion:	69	Resp:	10072
Ion	Ratio	Lower	Upper
69	100		
41	68.3	56.2	84.4
39	42.6	33.3	49.9

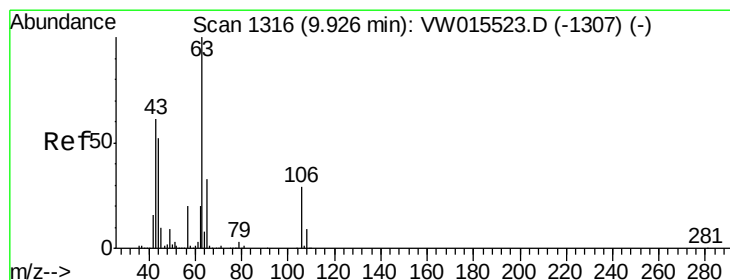
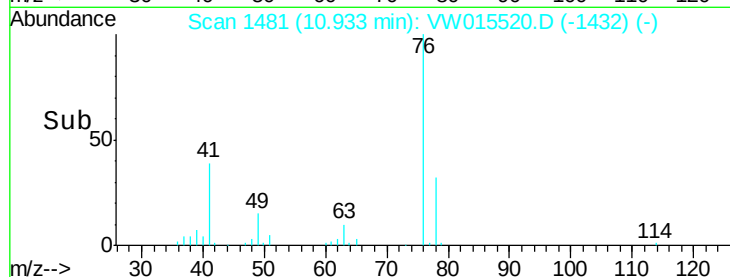
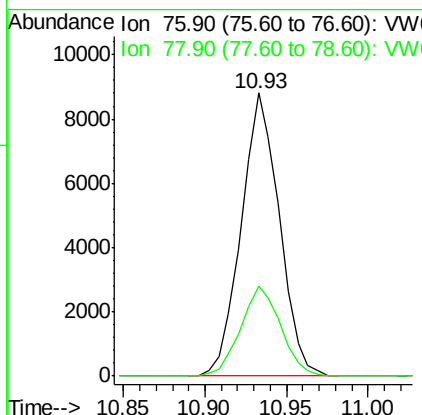
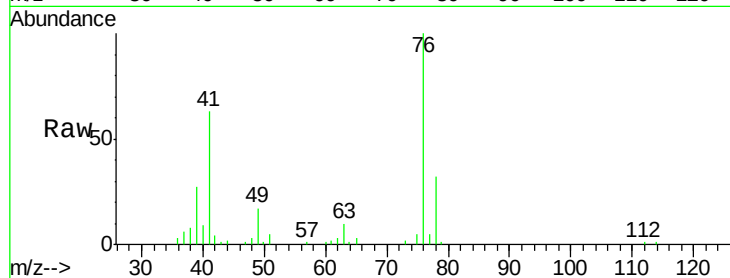




#57
 1,3-Dichloropropane
 Concen: 4.385 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015520.D
 Acq: 02 Jun 2020 11:26

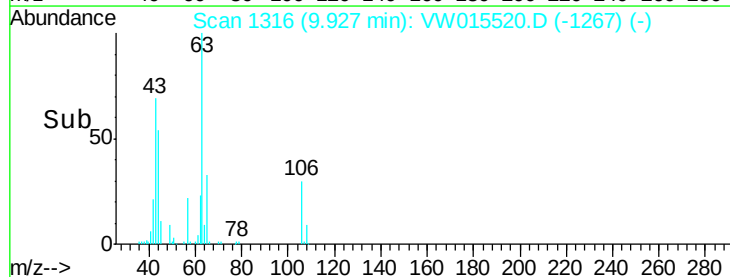
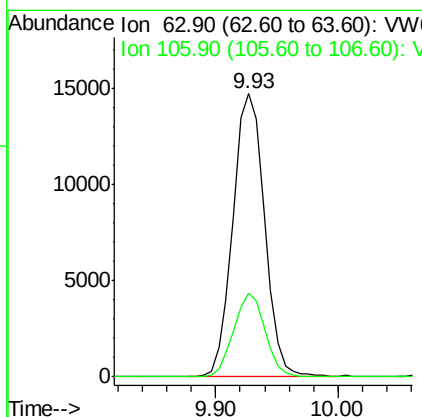
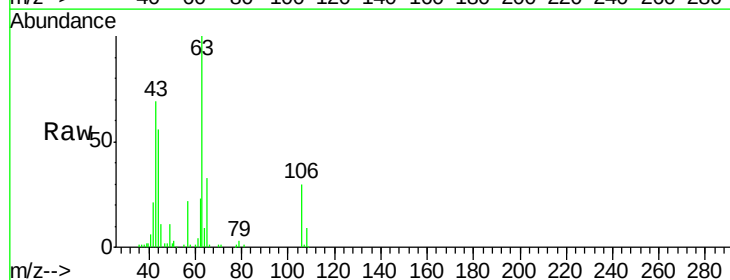
Instrument :
 MSVOA_W
 ClientSampled :

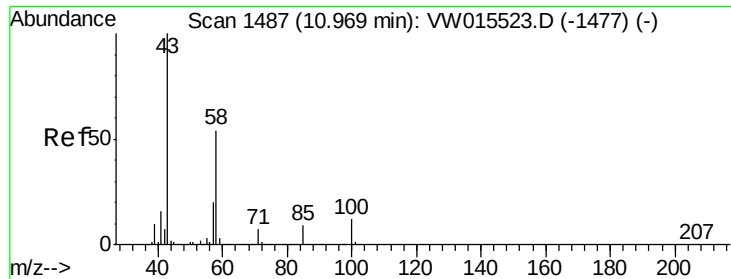
Tot Ion: 76 Resp: 14338
 Ion Ratio Lower Upper
 76 100
 78 33.4 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 22.127 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW015520.D
 Acq: 02 Jun 2020 11:26

Tgt Ion: 63 Resp: 26278
 Ion Ratio Lower Upper
 63 100
 106 29.3 22.9 34.3

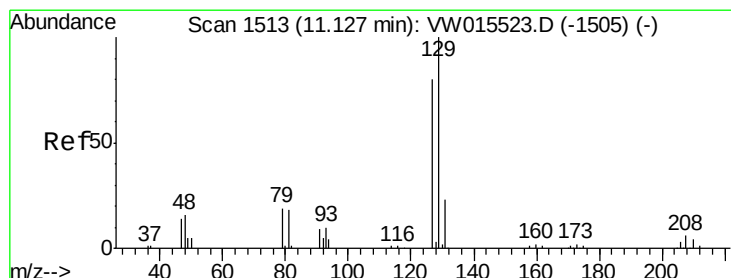
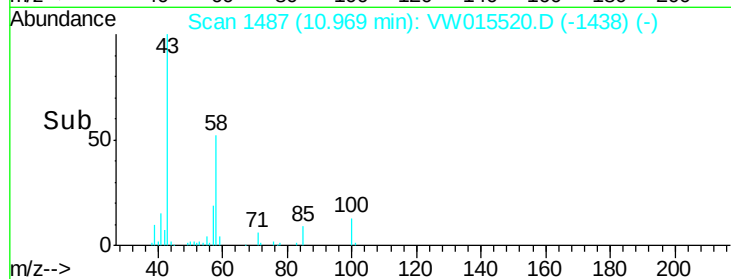
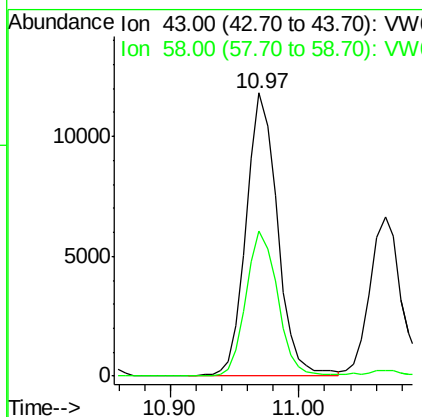
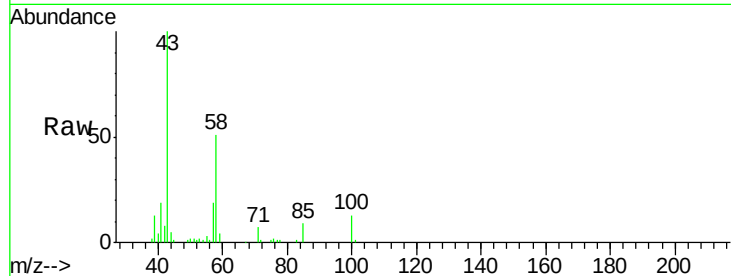




#59
2-Hexanone
Concen: 19.656 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015520.D
Acq: 02 Jun 2020 11:26

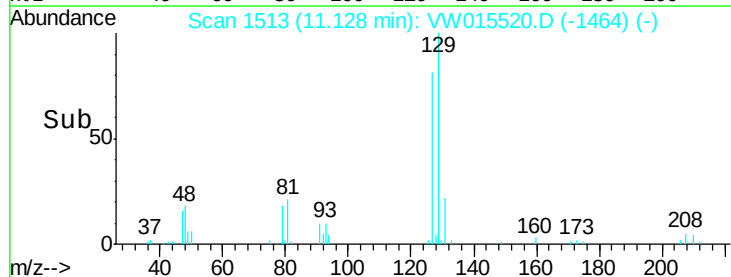
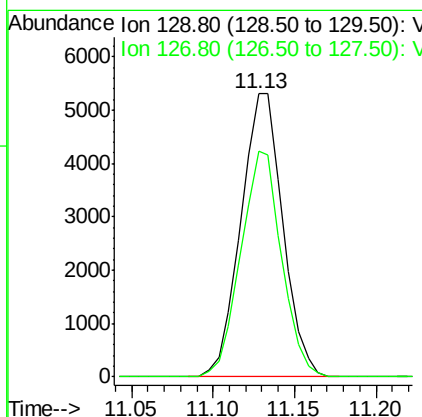
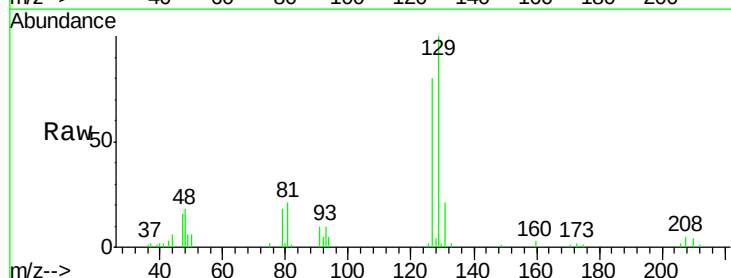
Instrument :
MSVOA_W
ClientSampled :

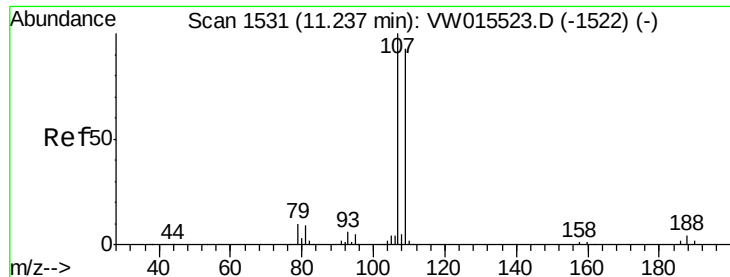
Tot Ion: 43 Resp: 19869
Ion Ratio Lower Upper
43 100
58 51.8 26.8 80.3



#60
Dibromochloromethane
Concen: 4.323 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW015520.D
Acq: 02 Jun 2020 11:26

Tgt Ion: 129 Resp: 9516
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.2





#61

1,2-Dibromoethane

Concen: 4.314 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW015520.D

Acq: 02 Jun 2020 11:26

Instrument :

MSVOA_W

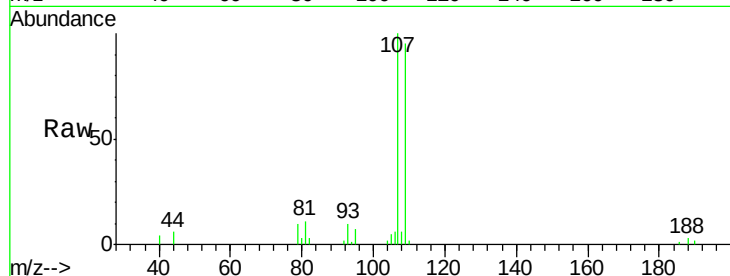
ClientSampleId :

Tot Ion:107 Resp: 7470

Ion Ratio Lower Upper

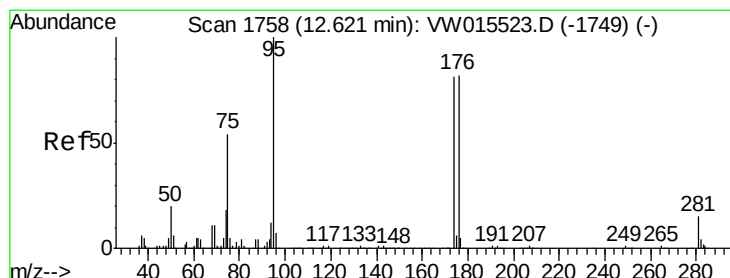
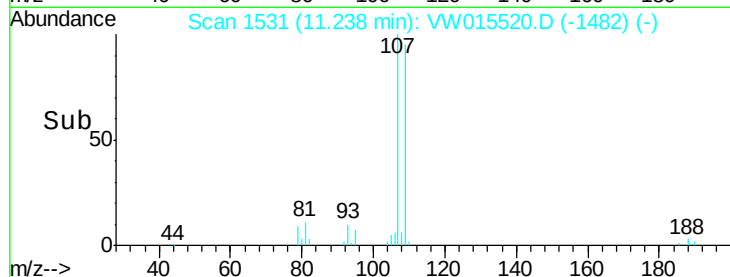
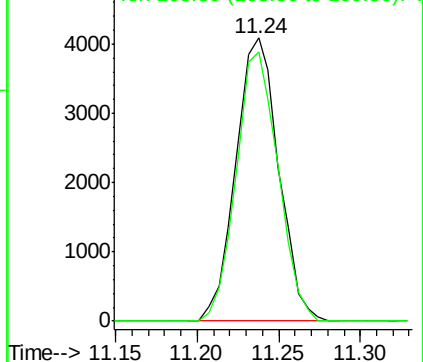
107 100

109 93.0 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4.755 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015520.D

Acq: 02 Jun 2020 11:26

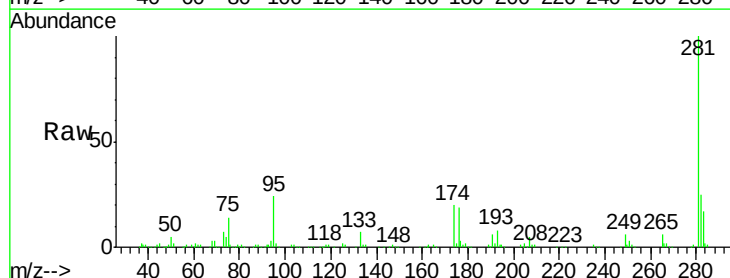
Tgt Ion: 95 Resp: 15900

Ion Ratio Lower Upper

95 100

174 76.7 0.0 153.6

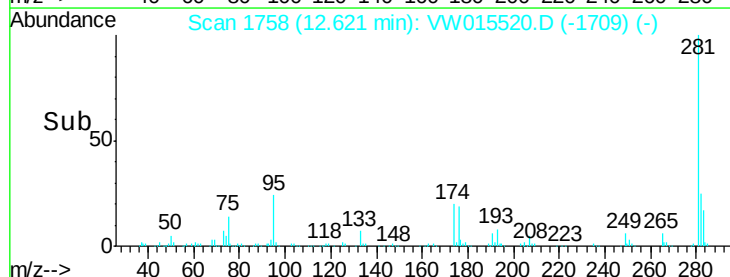
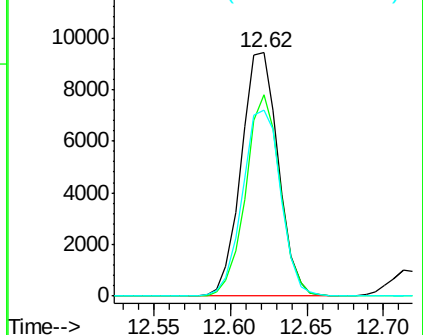
176 78.7 0.0 152.8

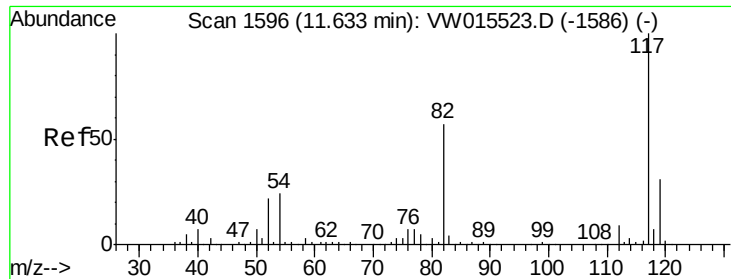


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

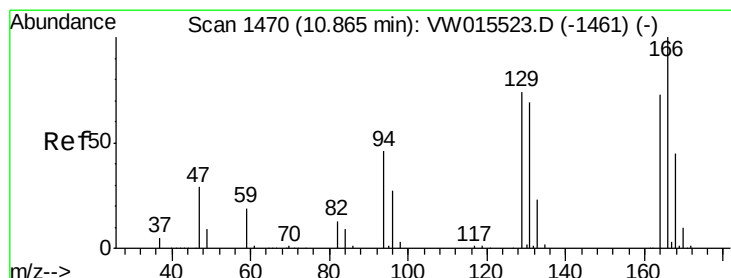
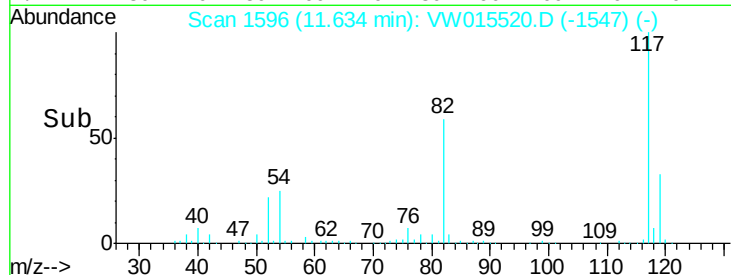
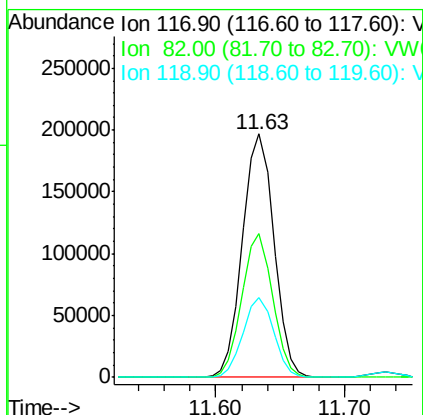
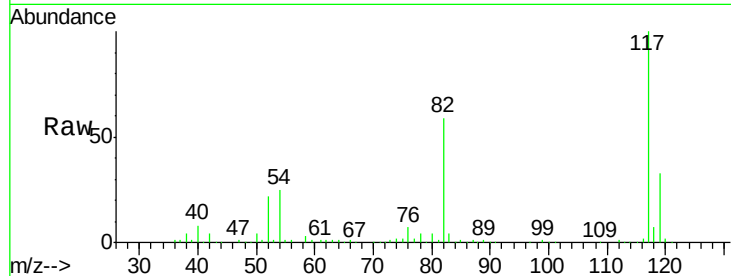




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015520.D
Acq: 02 Jun 2020 11:26

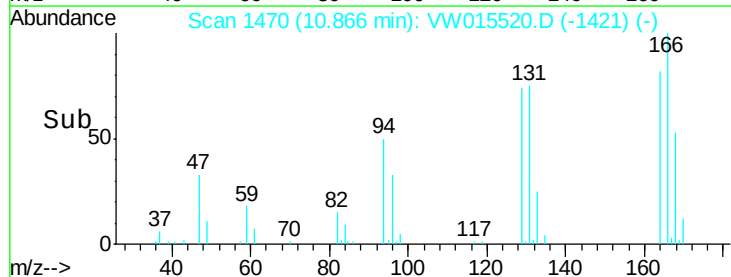
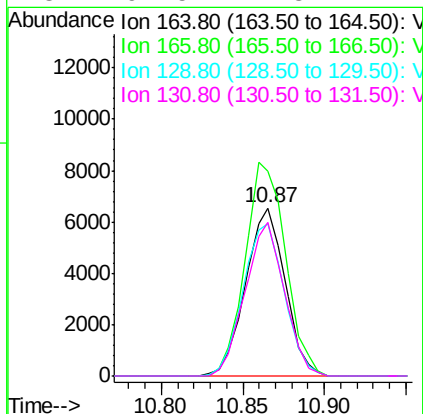
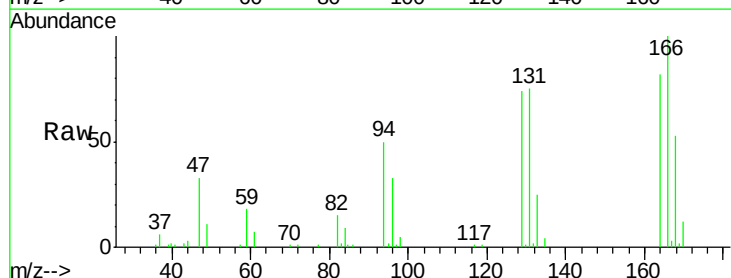
Instrument :
MSVOA_W
ClientSampled :

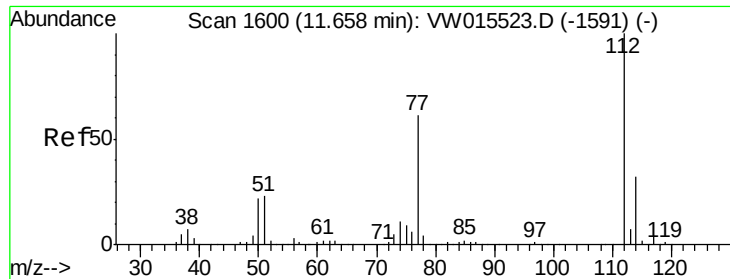
Tot Ion:117 Resp: 333541
Ion Ratio Lower Upper
117 100
82 59.1 45.8 68.8
119 32.7 24.7 37.1



#64
Tetrachloroethene
Concen: 5.312 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015520.D
Acq: 02 Jun 2020 11:26

Tgt Ion:164 Resp: 11002
Ion Ratio Lower Upper
164 100
166 121.8 109.0 163.6
129 90.6 81.0 121.4
131 91.5 74.8 112.2

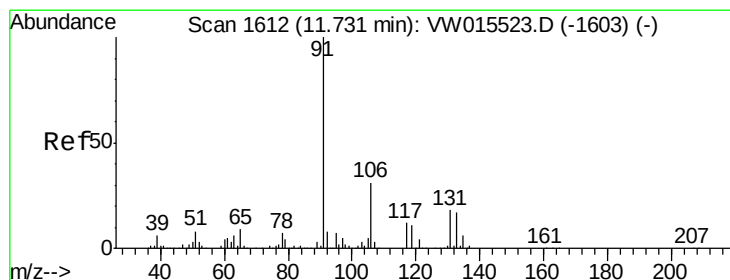
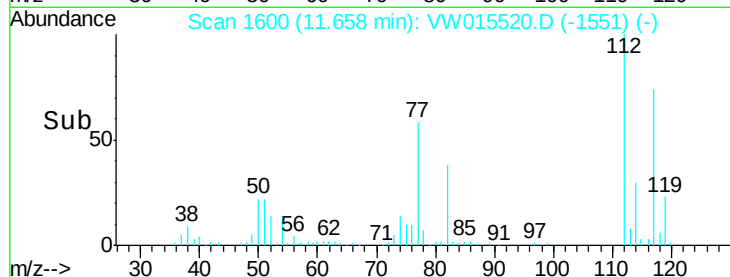
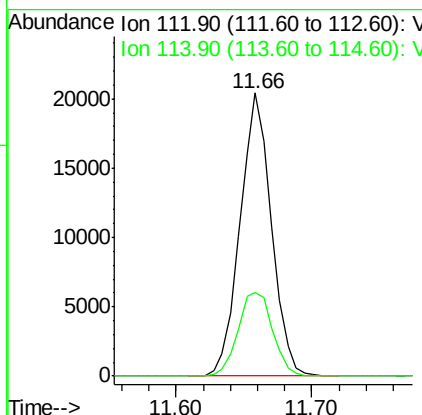
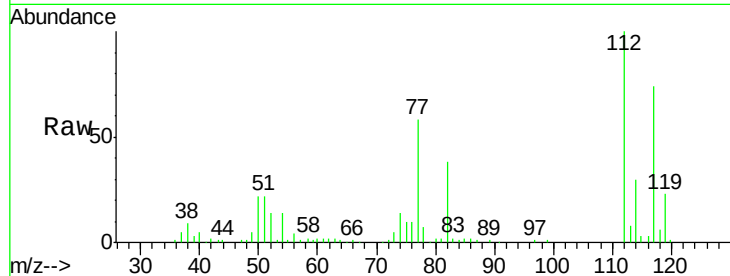




#65
Chlorobenzene
Concen: 4.919 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015520.D
Acq: 02 Jun 2020 11:26

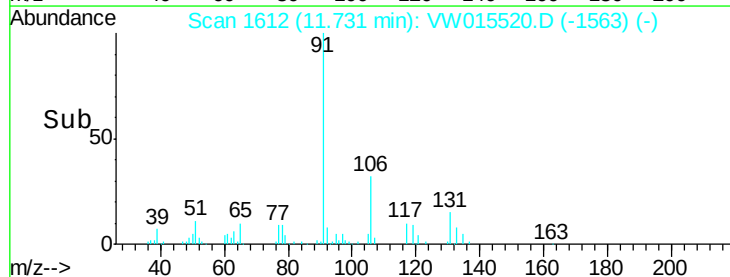
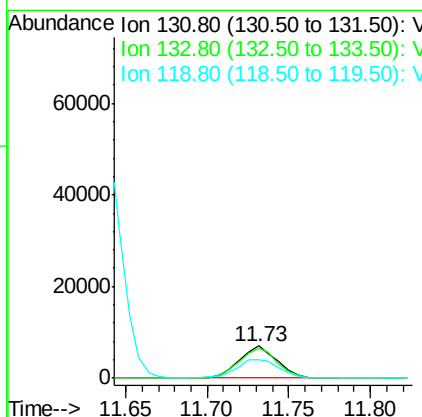
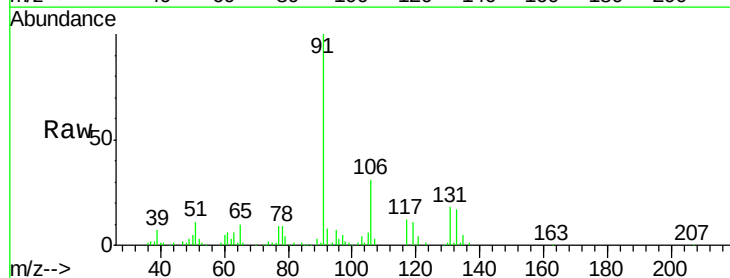
Instrument :
MSVOA_W
ClientSampled :

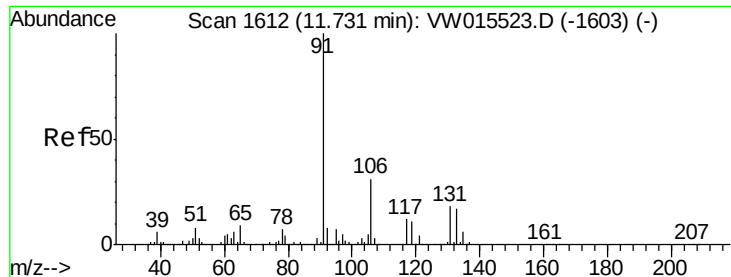
Tot Ion:112 Resp: 32799
Ion Ratio Lower Upper
112 100
114 29.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 4.771 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015520.D
Acq: 02 Jun 2020 11:26

Tgt Ion:131 Resp: 11305
Ion Ratio Lower Upper
131 100
133 96.0 48.3 144.8
119 65.4 32.5 97.5





#67

Ethyl Benzene

Concen: 4.722 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW015520.D

Acq: 02 Jun 2020 11:26

Instrument :

MSVOA_W

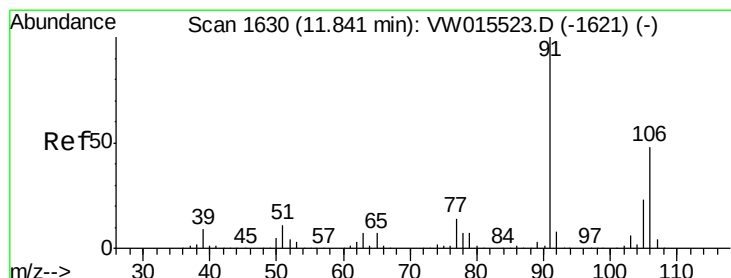
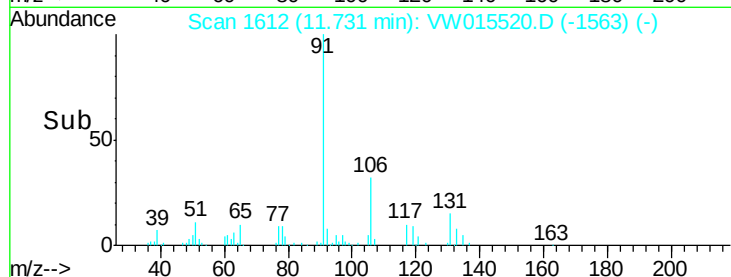
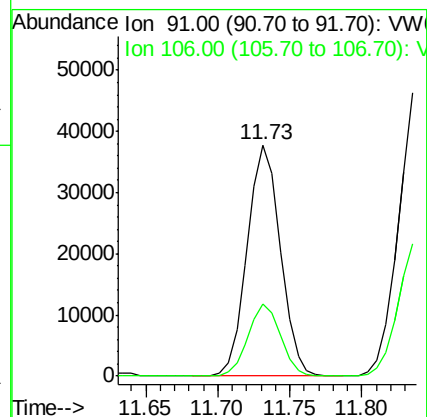
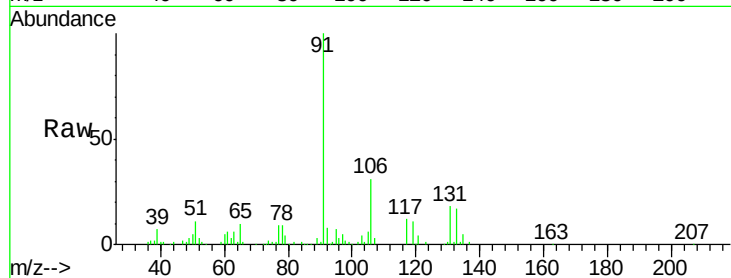
ClientSampled :

Tot Ion: 91 Resp: 60146

Ion Ratio Lower Upper

91 100

106 31.5 24.5 36.7



#68

m/p-Xylenes

Concen: 9.349 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW015520.D

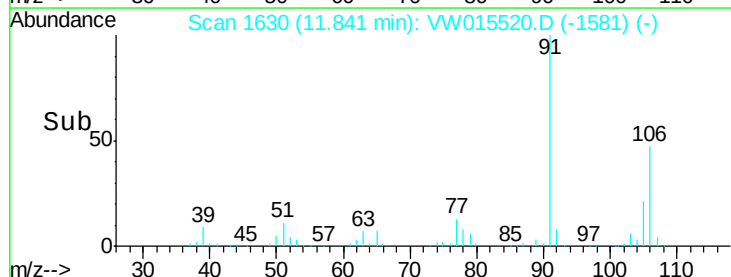
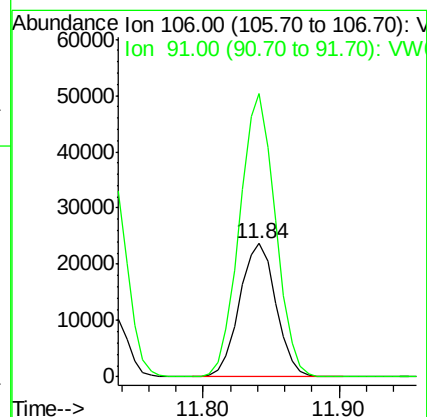
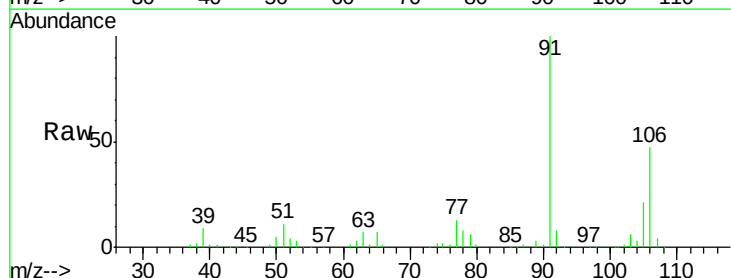
Acq: 02 Jun 2020 11:26

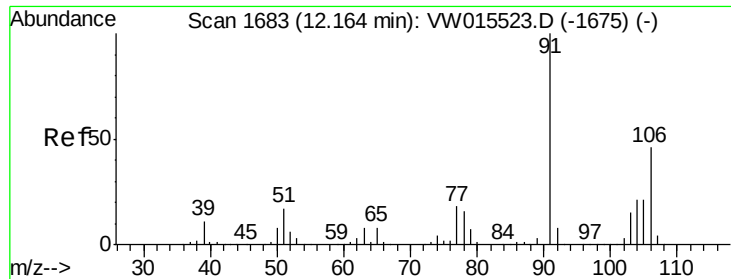
Tgt Ion: 106 Resp: 44331

Ion Ratio Lower Upper

106 100

91 207.8 163.5 245.3

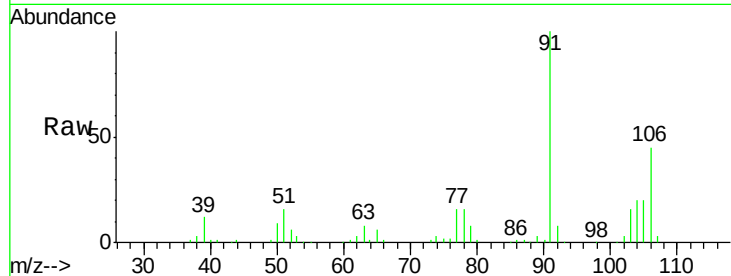




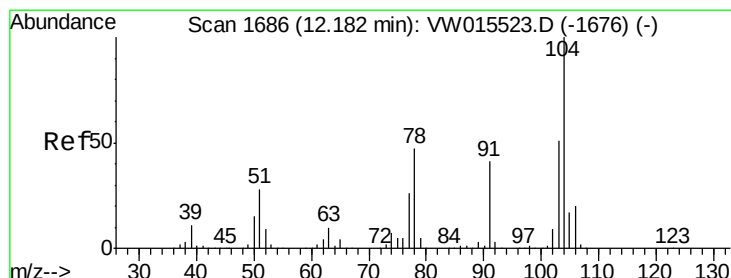
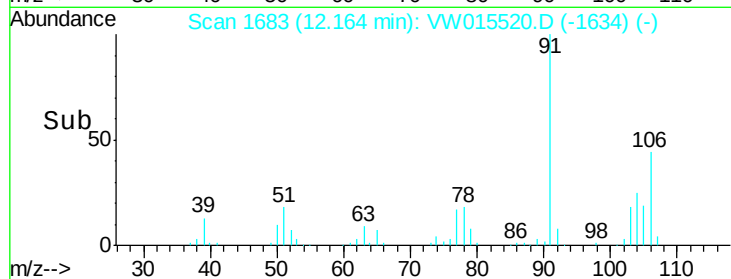
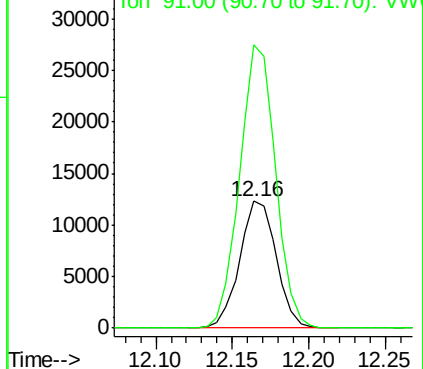
#69
o-Xylene
Concen: 4.575 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015520.D
Acq: 02 Jun 2020 11:26

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:106 Resp: 20354
Ion Ratio Lower Upper
106 100
91 219.8 107.8 323.4

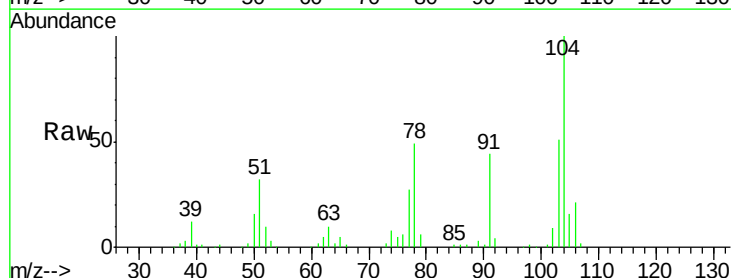


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

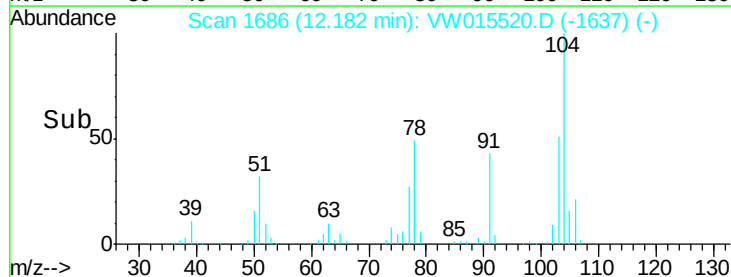
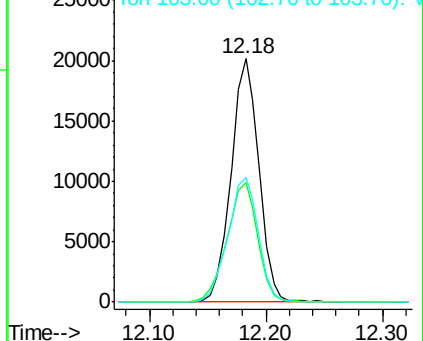


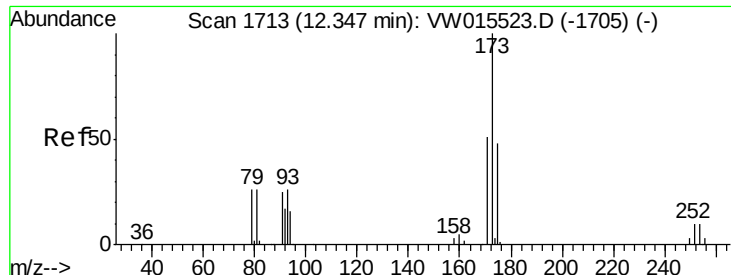
#70
Styrene
Concen: 4.362 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015520.D
Acq: 02 Jun 2020 11:26

Tgt Ion:104 Resp: 33408
Ion Ratio Lower Upper
104 100
78 54.0 41.7 62.5
103 55.8 43.8 65.8



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





#71

Bromoform

Concen: 4.223 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW015520.D

Acq: 02 Jun 2020 11:26

Instrument :

MSVOA_W

ClientSampleId :

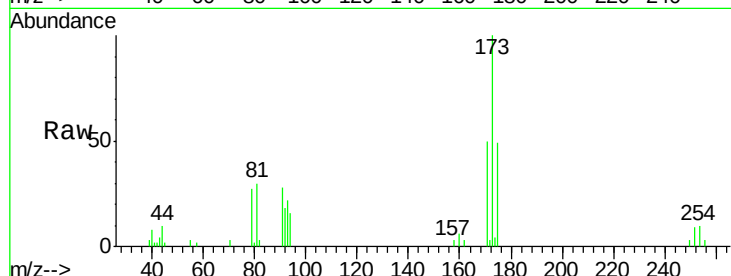
Tot Ion:173 Resp: 4900

Ion Ratio Lower Upper

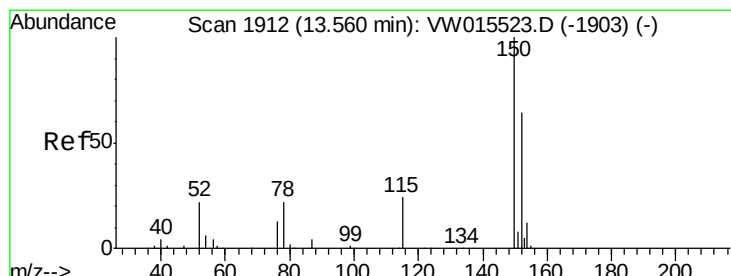
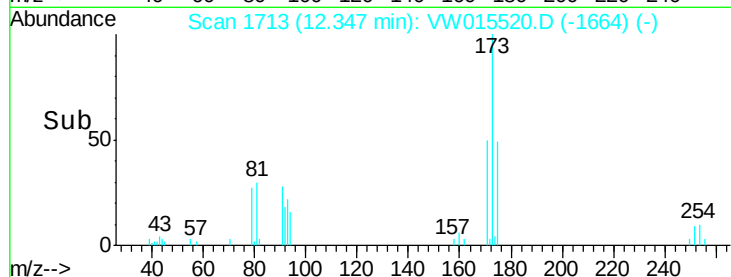
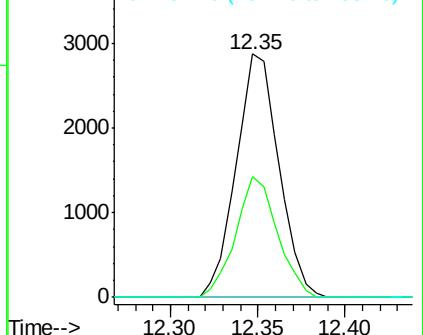
173 100

175 48.4 24.8 74.3

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015520.D

Acq: 02 Jun 2020 11:26

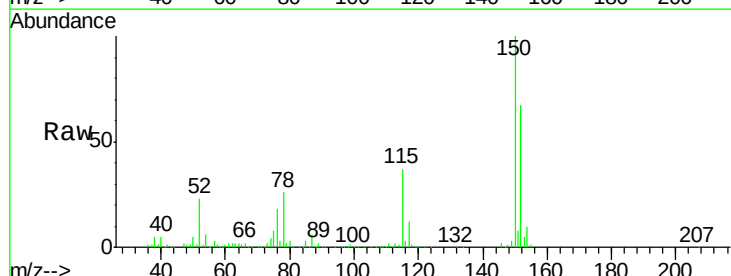
Tgt Ion:152 Resp: 161242

Ion Ratio Lower Upper

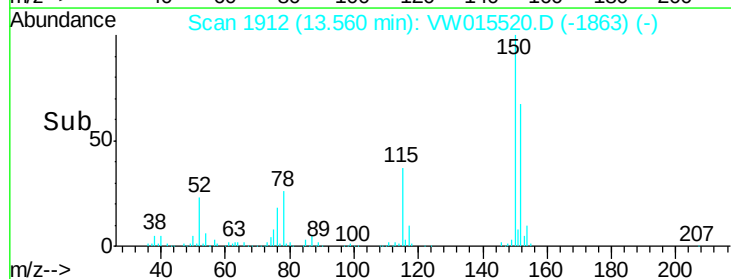
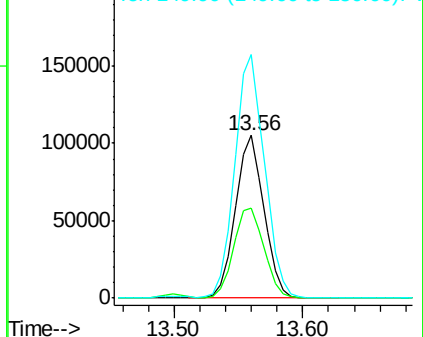
152 100

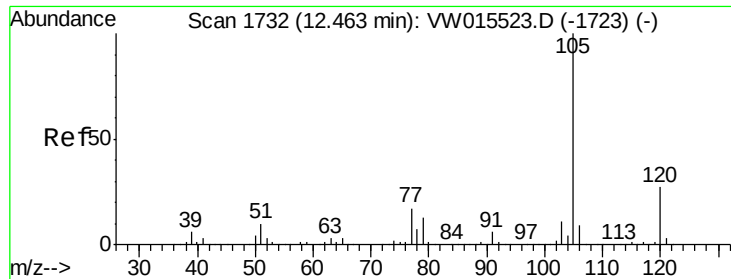
115 59.1 30.0 90.0

150 156.5 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.810 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015520.D

Acq: 02 Jun 2020 11:26

Instrument :

MSVOA_W

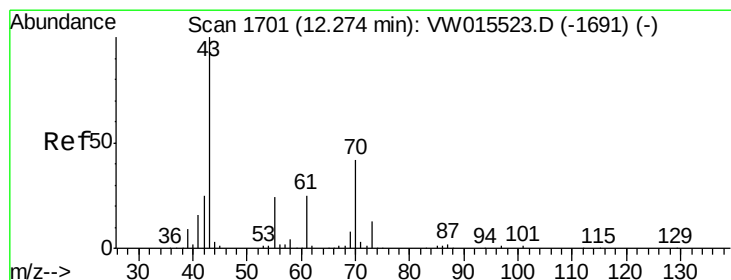
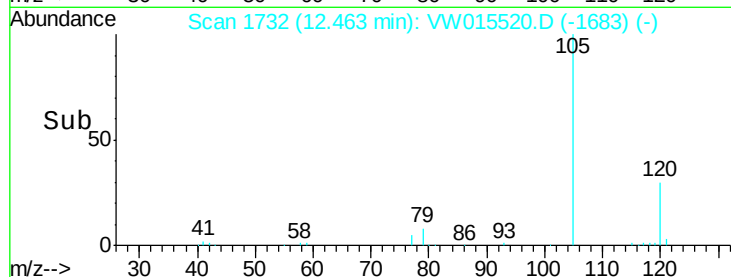
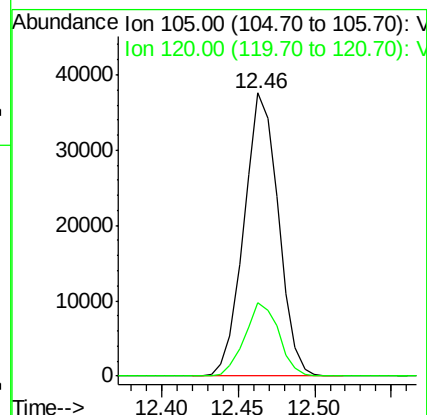
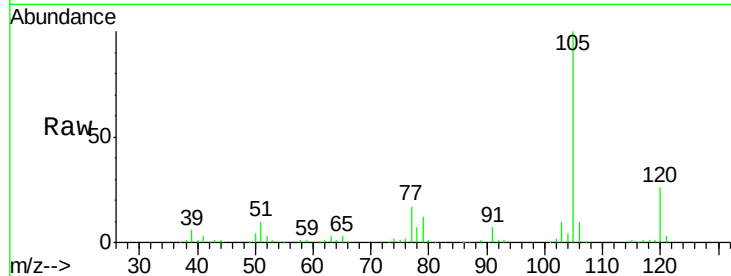
ClientSampleId :

Tot Ion:105 Resp: 58680

Ion Ratio Lower Upper

105 100

120 25.7 13.0 38.9



#74

N-ethyl acetate

Concen: 3.992 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW015520.D

Acq: 02 Jun 2020 11:26

Tgt Ion: 43 Resp: 11539

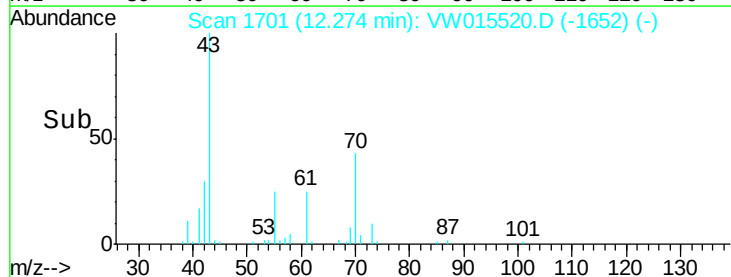
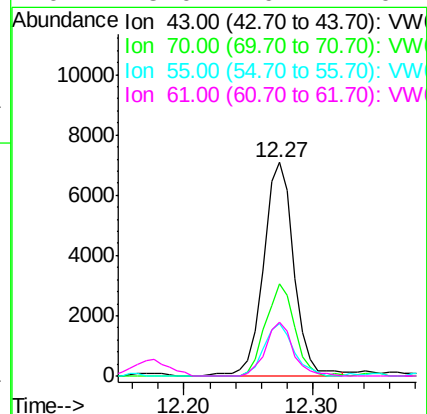
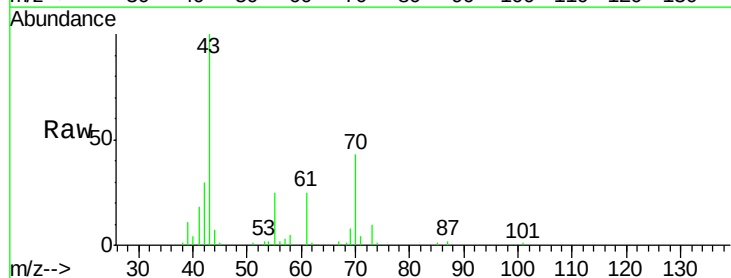
Ion Ratio Lower Upper

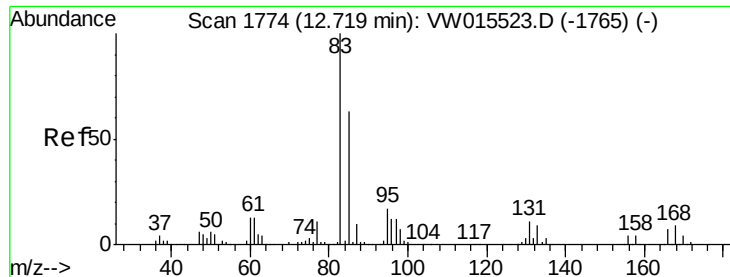
43 100

70 41.1 33.6 50.4

55 23.7 19.1 28.7

61 23.0 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 4.478 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW015520.D

Acq: 02 Jun 2020 11:26

Instrument :

MSVOA_W

ClientSampleId :

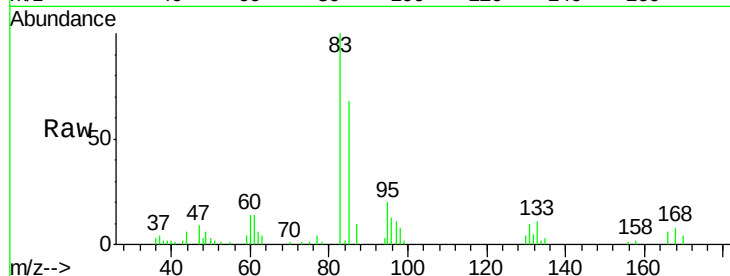
Tot Ion: 83 Resp: 8632

Ion Ratio Lower Upper

83 100

131 9.7 5.3 16.1

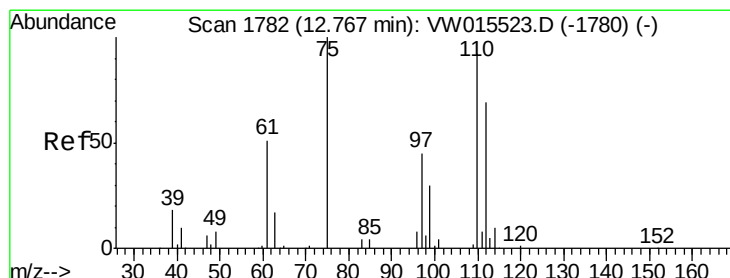
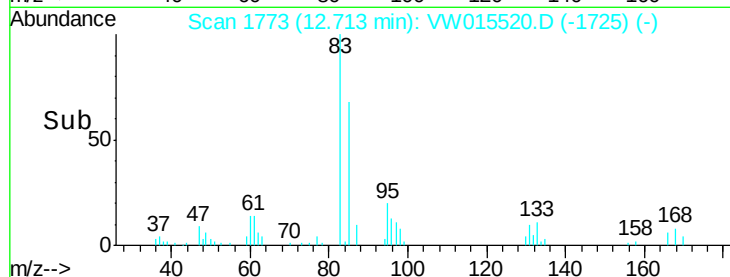
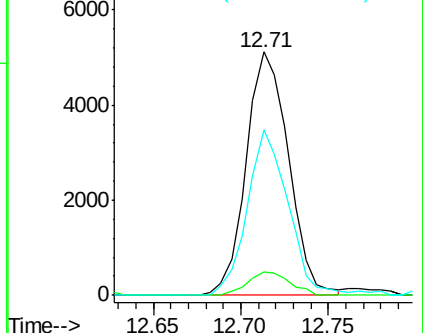
85 65.1 32.0 96.0



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: 8.756 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015520.D

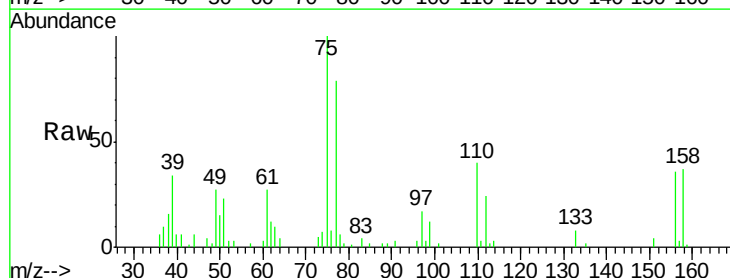
Acq: 02 Jun 2020 11:26

Tgt Ion: 75 Resp: 11625

Ion Ratio Lower Upper

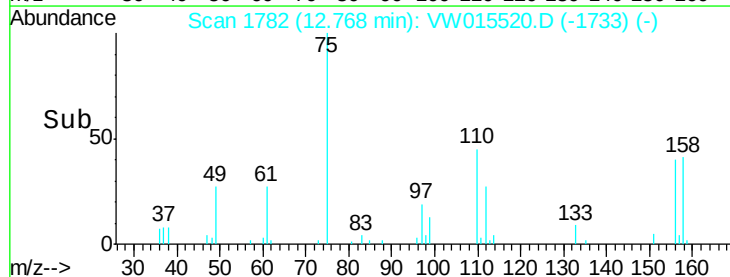
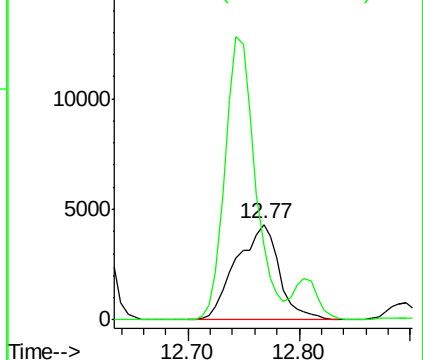
75 100

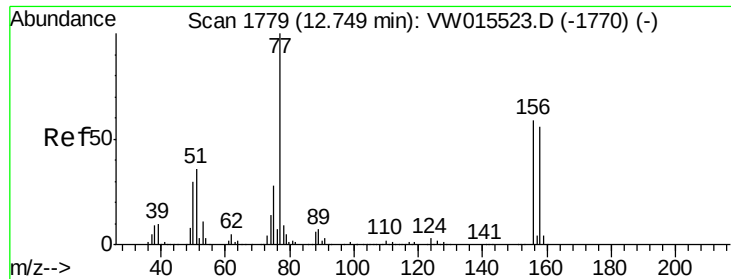
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 4.728 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW015520.D

Acq: 02 Jun 2020 11:26

Instrument :

MSVOA_W

ClientSampleId :

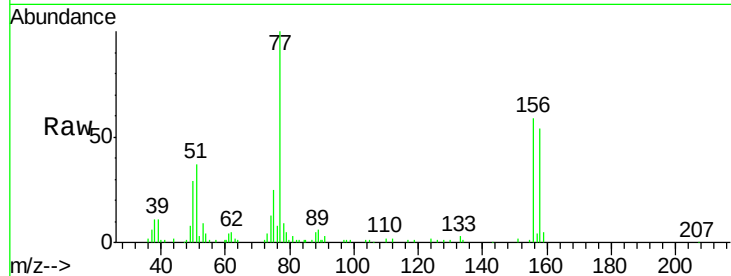
Tot Ion:156 Resp: 12311

Ion Ratio Lower Upper

156 100

77 197.0 97.3 291.8

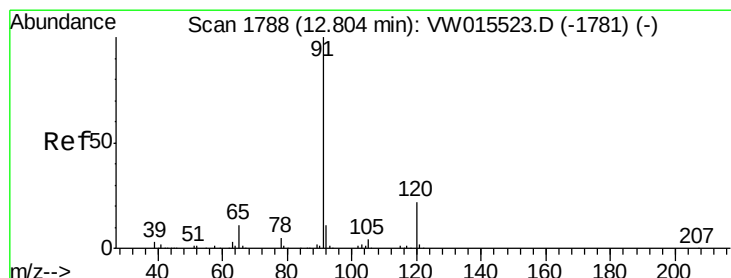
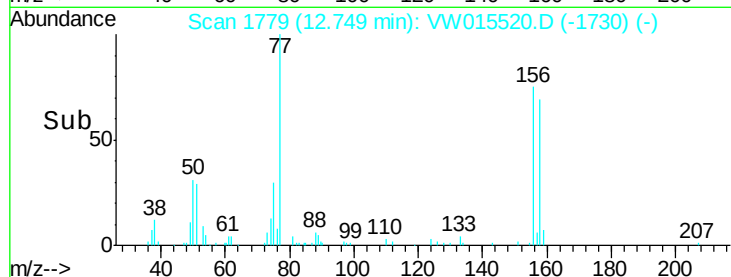
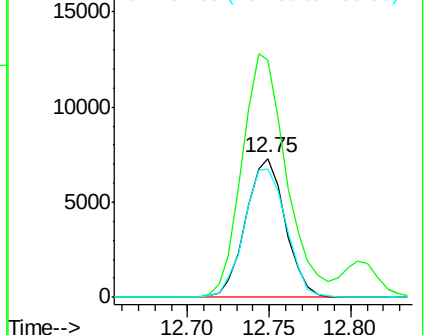
158 98.6 48.5 145.6



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: 4.860 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015520.D

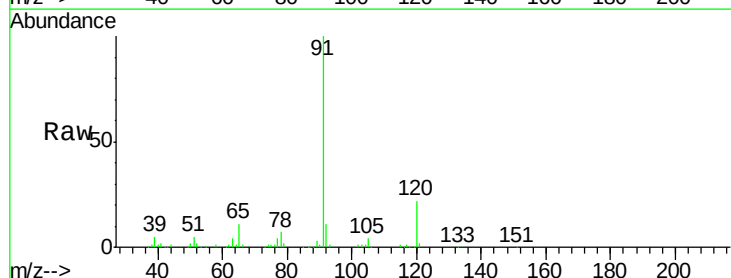
Acq: 02 Jun 2020 11:26

Tgt Ion: 91 Resp: 71047

Ion Ratio Lower Upper

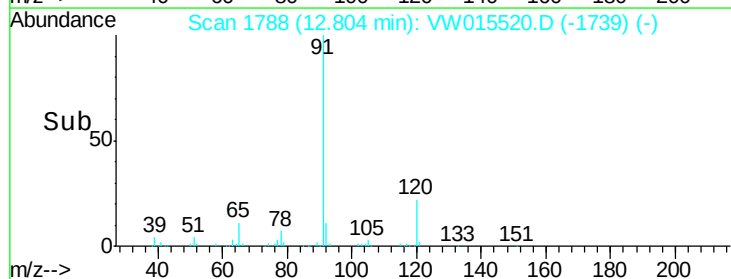
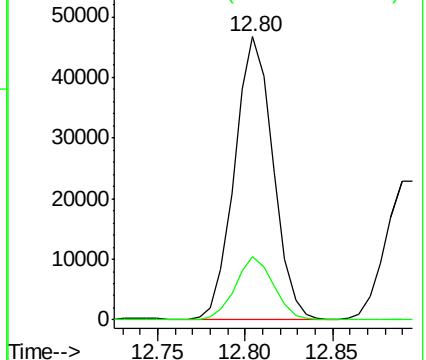
91 100

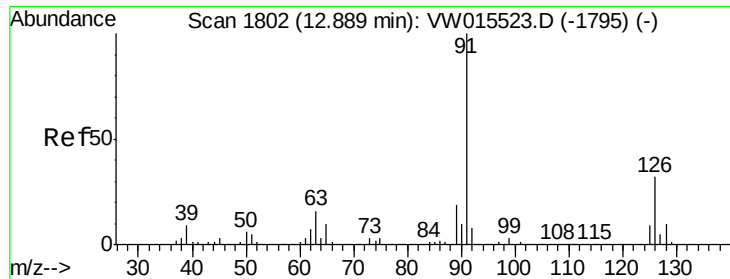
120 22.0 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

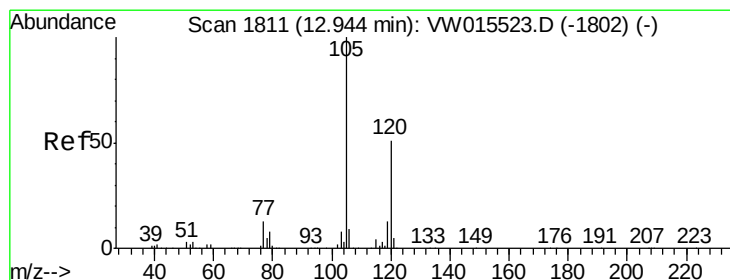
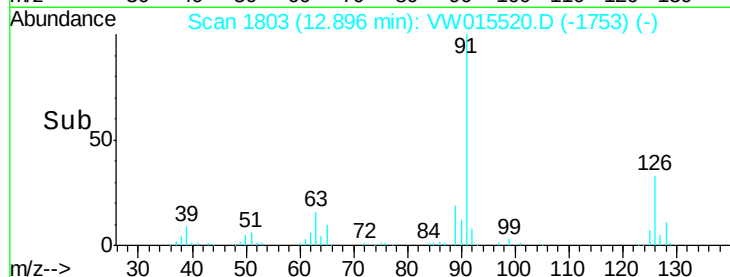
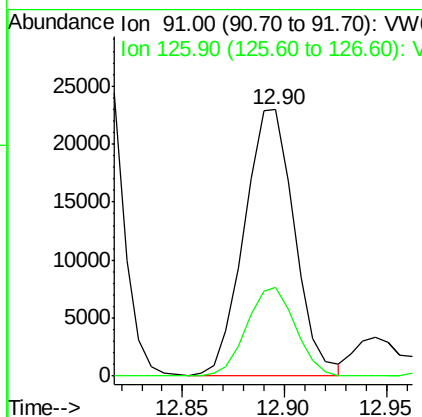
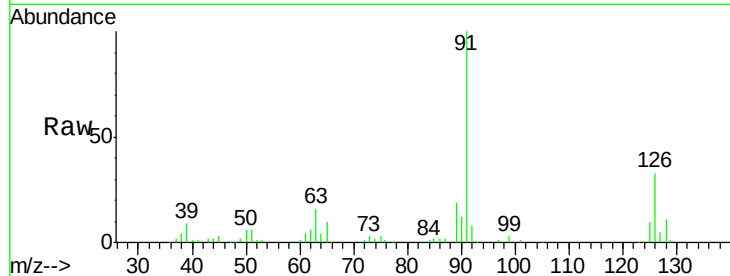




#79
 2-Chlorotoluene
 Concen: 4.770 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.01 min
 Lab File: VW015520.D
 Acq: 02 Jun 2020 11:26

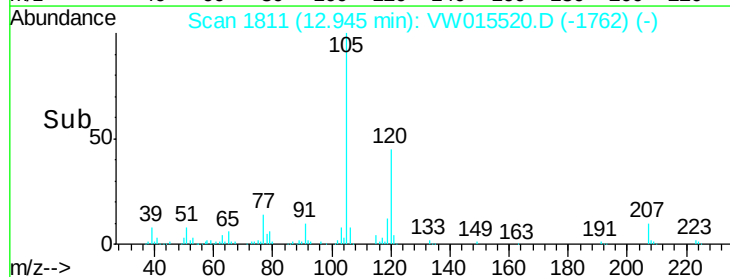
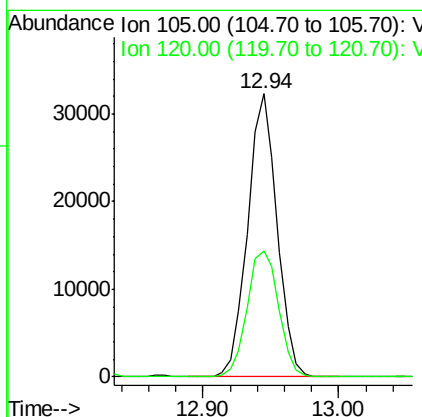
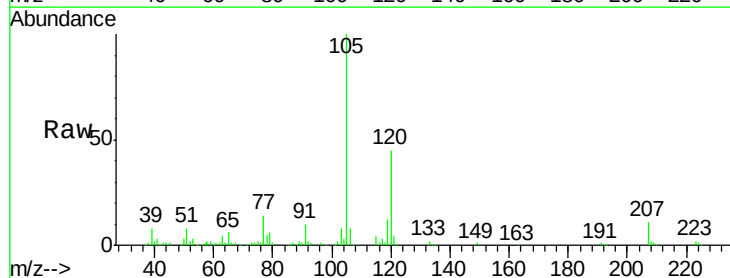
Instrument :
 MSVOA_W
 ClientSampled :

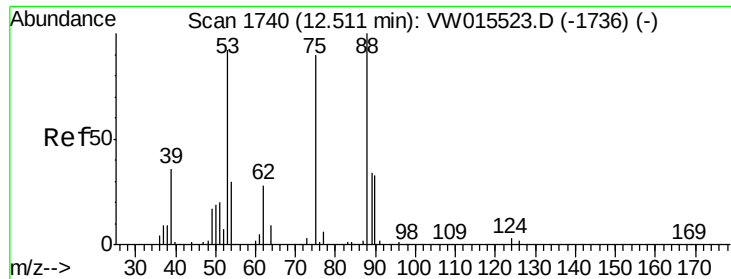
Tot Ion: 91 Resp: 39349
 Ion Ratio Lower Upper
 91 100
 126 32.4 16.2 48.5



#80
 1,3,5-Trimethylbenzene
 Concen: 4.778 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW015520.D
 Acq: 02 Jun 2020 11:26

Tgt Ion: 105 Resp: 48977
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.7 74.1

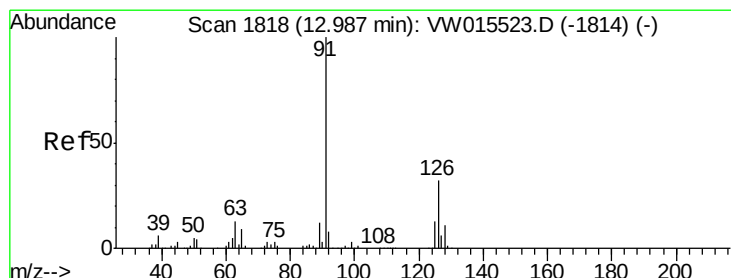
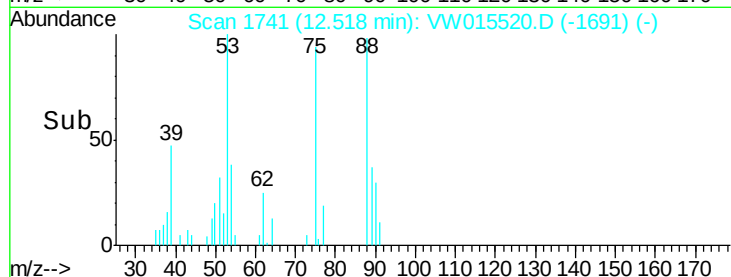
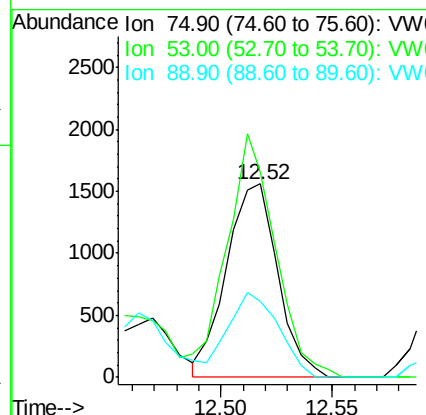
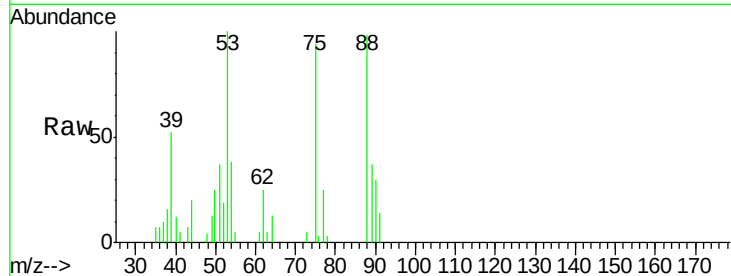




#81
trans-1,4-Dichloro-2-butene
Concen: 3.670 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW015520.D
Acq: 02 Jun 2020 11:26

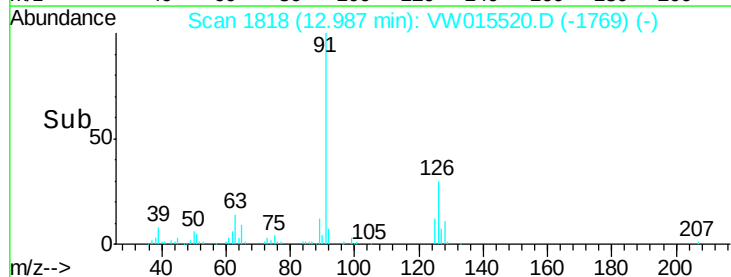
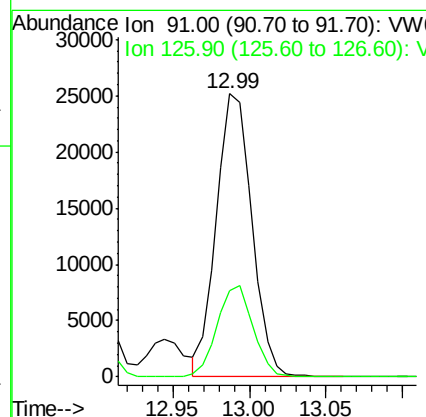
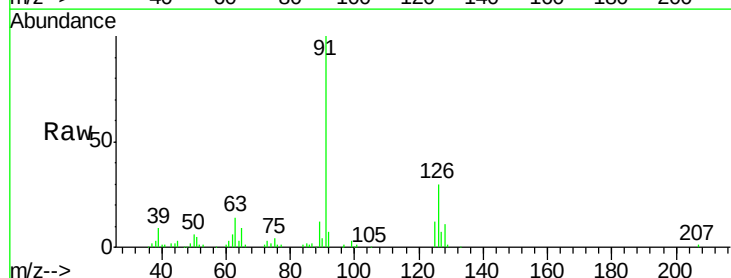
Instrument :
MSVOA_W
ClientSampled :

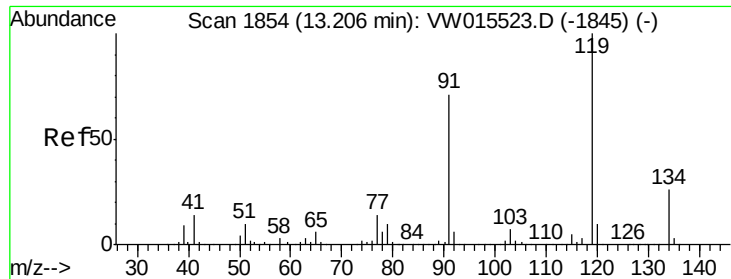
Tot Ion: 75 Resp: 2506
Ion Ratio Lower Upper
75 100
53 120.3 84.0 126.0
89 42.6 36.6 55.0



#82
4-Chlorotoluene
Concen: 4.676 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW015520.D
Acq: 02 Jun 2020 11:26

Tgt Ion: 91 Resp: 40737
Ion Ratio Lower Upper
91 100
126 32.4 16.4 49.4

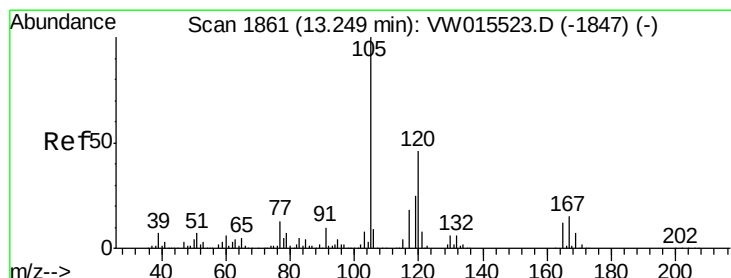
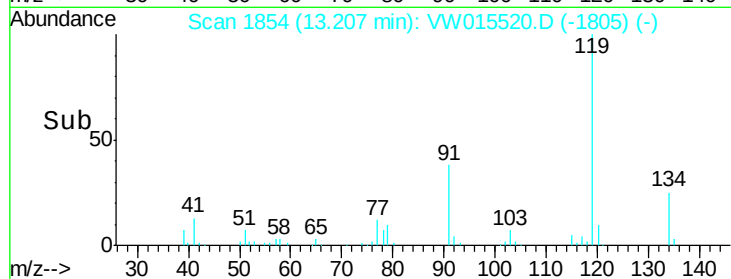
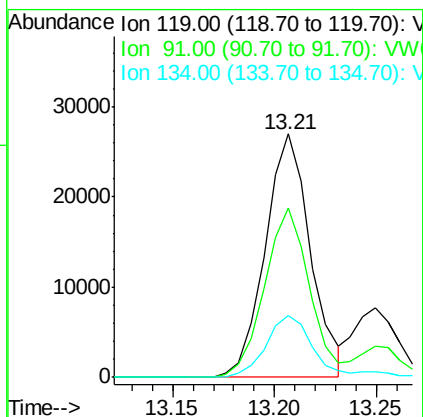
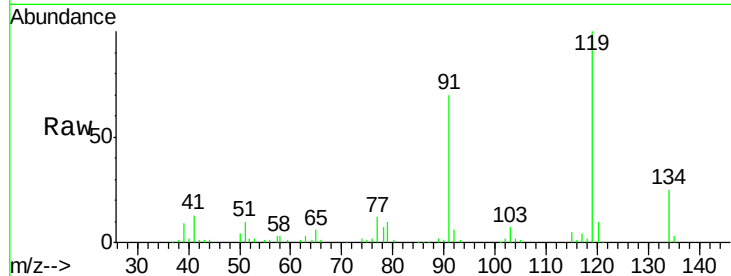




#83
tert-Butylbenzene
Concen: 4.758 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW015520.D
Acq: 02 Jun 2020 11:26

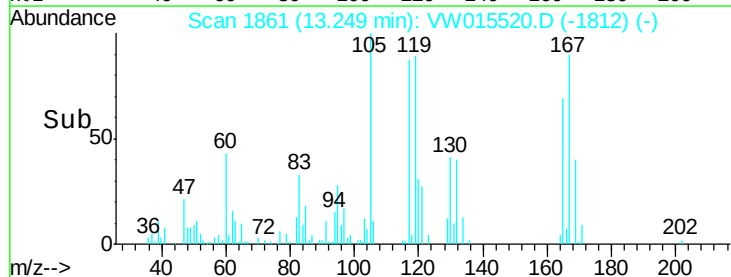
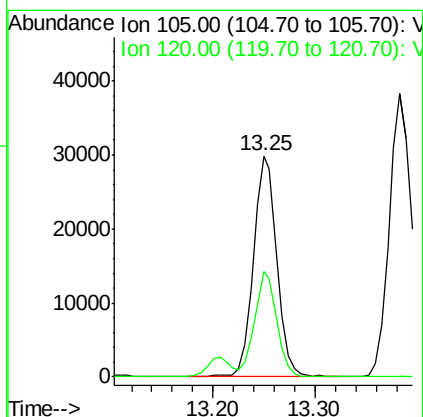
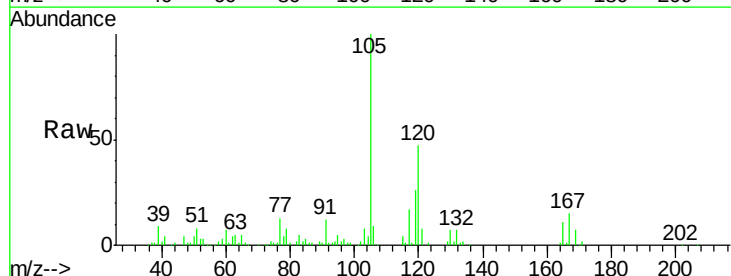
Instrument :
MSVOA_W
ClientSampleId :

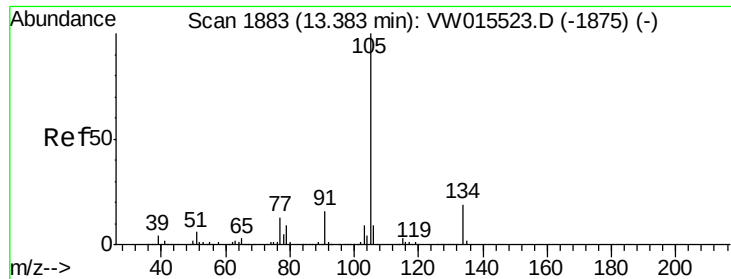
Tot Ion:119 Resp: 41615
Ion Ratio Lower Upper
119 100
91 68.9 34.2 102.5
134 27.7 12.7 38.1



#84
1,2,4-Trimethylbenzene
Concen: 4.688 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW015520.D
Acq: 02 Jun 2020 11:26

Tgt Ion:105 Resp: 48098
Ion Ratio Lower Upper
105 100
120 45.1 22.6 67.8





#85

sec-Butylbenzene

Concen: 4.767 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015520.D

Acq: 02 Jun 2020 11:26

Instrument :

MSVOA_W

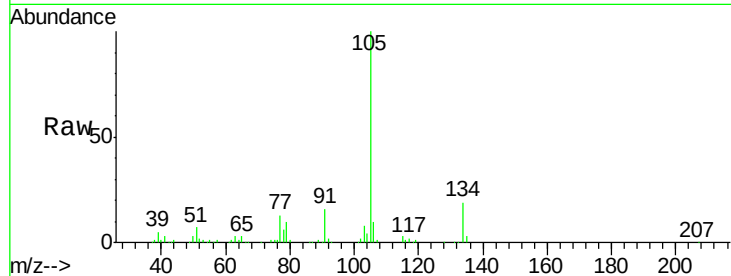
ClientSampleId :

Tot Ion:105 Resp: 58740

Ion Ratio Lower Upper

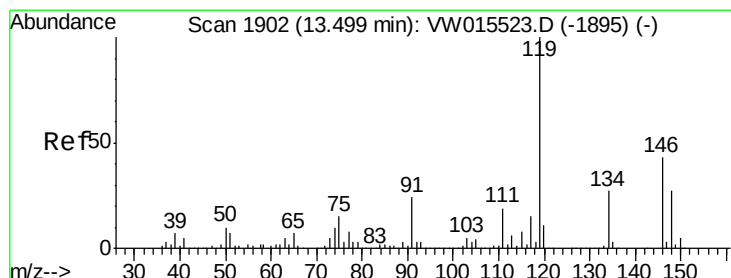
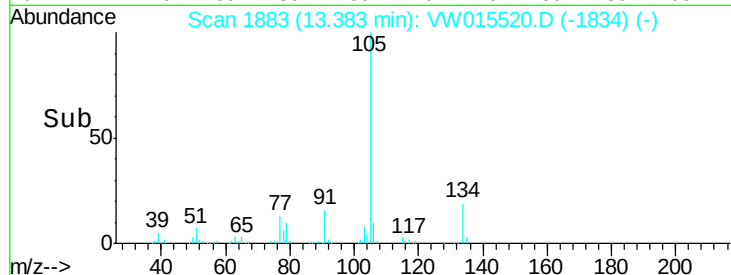
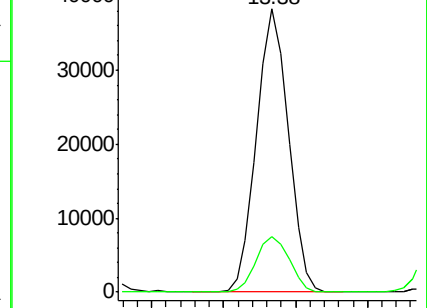
105 100

134 20.3 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.767 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015520.D

Acq: 02 Jun 2020 11:26

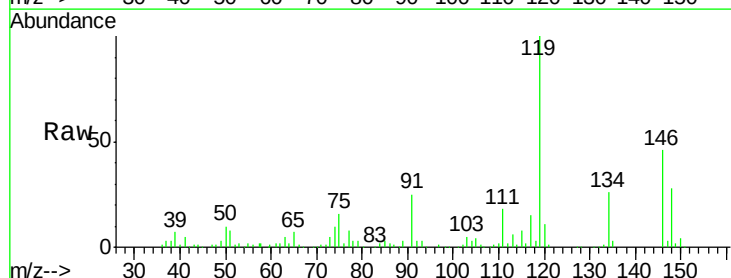
Tgt Ion:119 Resp: 53571

Ion Ratio Lower Upper

119 100

134 25.4 13.2 39.5

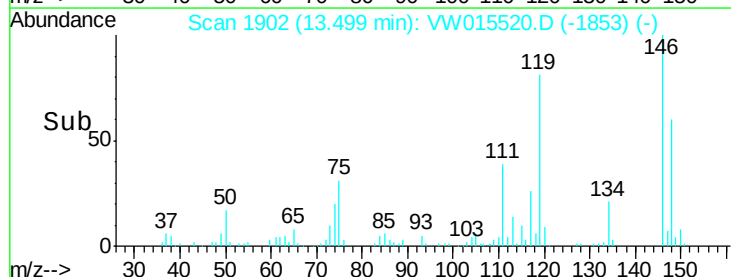
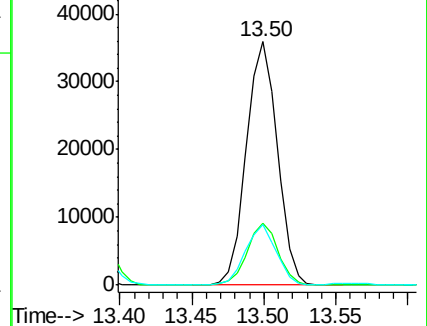
91 24.5 12.0 36.0

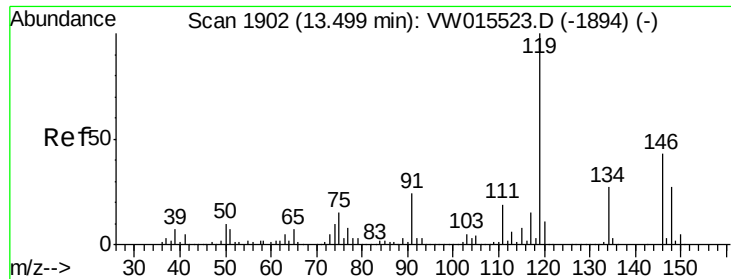


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

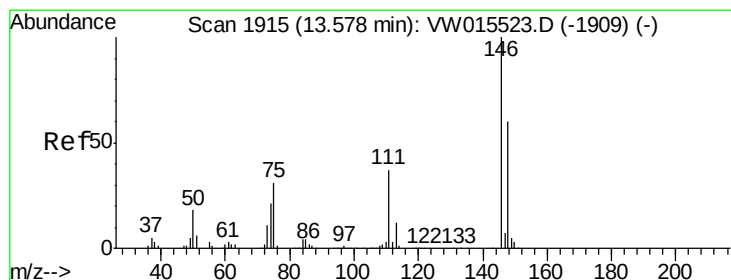
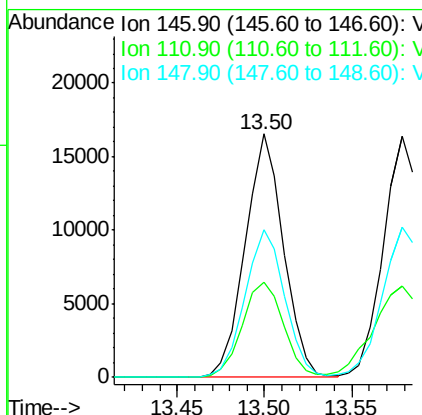
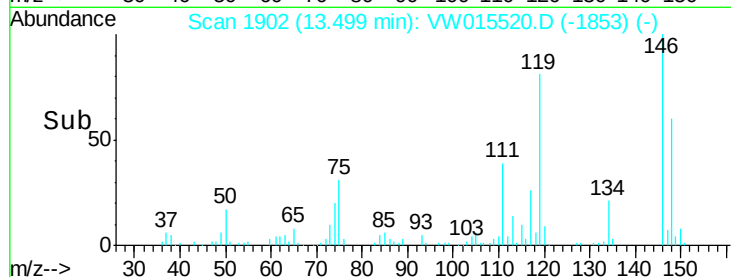
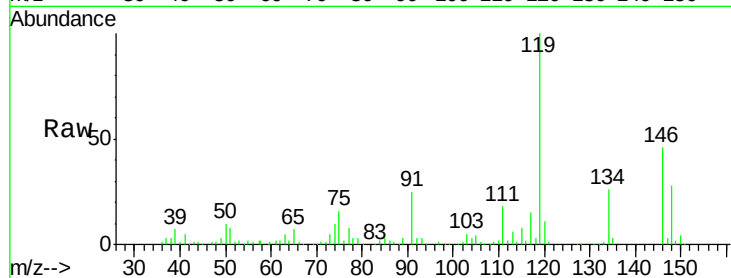




#87
 1,3-Dichlorobenzene
 Concen: 4.890 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015520.D
 Acq: 02 Jun 2020 11:26

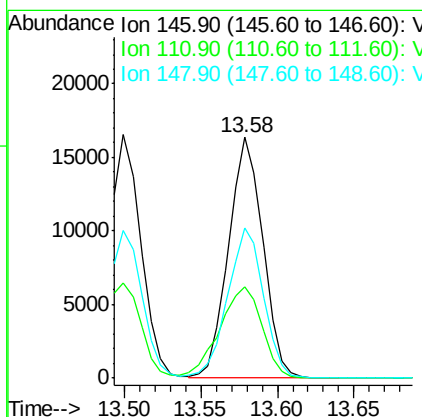
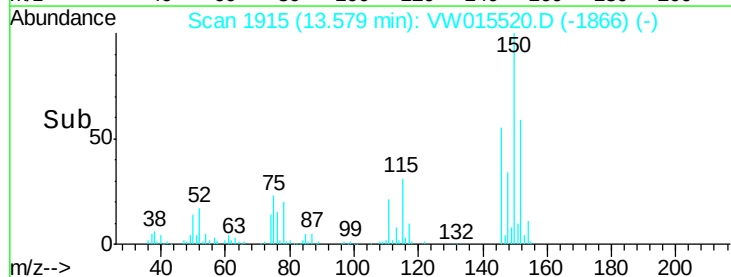
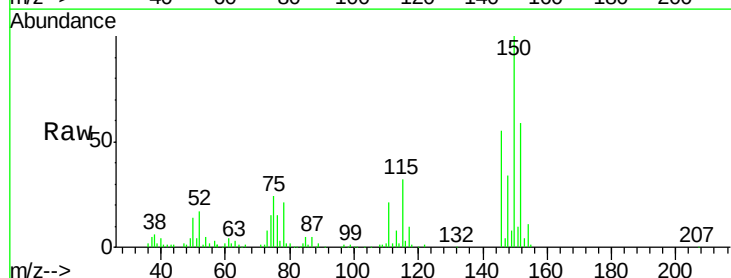
Instrument :
 MSVOA_W
 ClientSampleId :

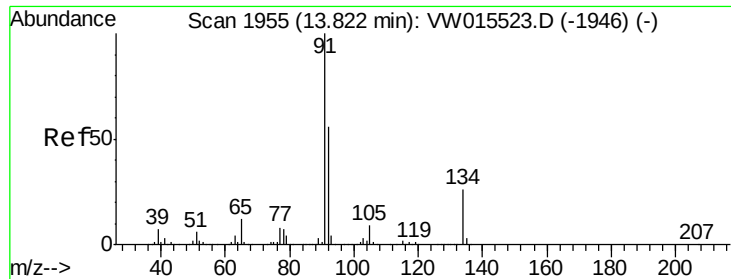
Tot Ion:146 Resp: 25176
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.8 62.5
 148 62.9 31.2 93.6



#88
 1,4-Dichlorobenzene
 Concen: 4.983 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015520.D
 Acq: 02 Jun 2020 11:26

Tgt Ion:146 Resp: 25509
 Ion Ratio Lower Upper
 146 100
 111 47.2 19.6 58.7
 148 65.2 30.9 92.7





#89

n-Butylbenzene

Concen: 4.687 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015520.D

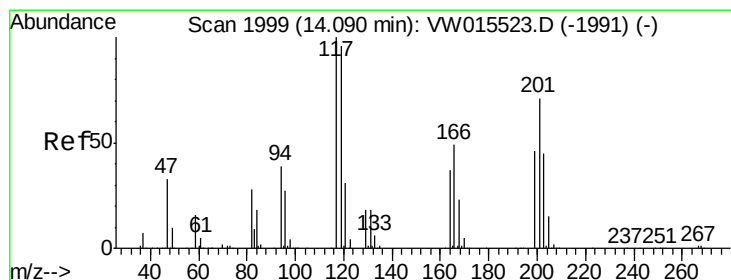
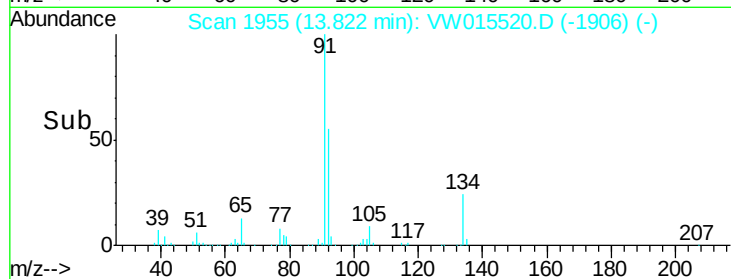
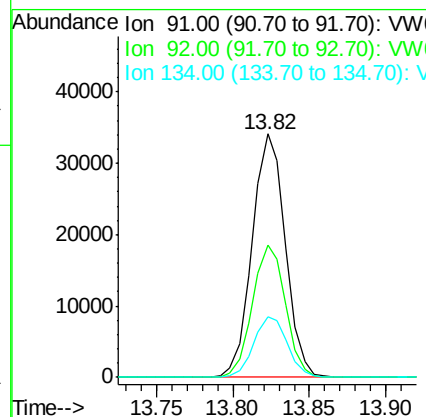
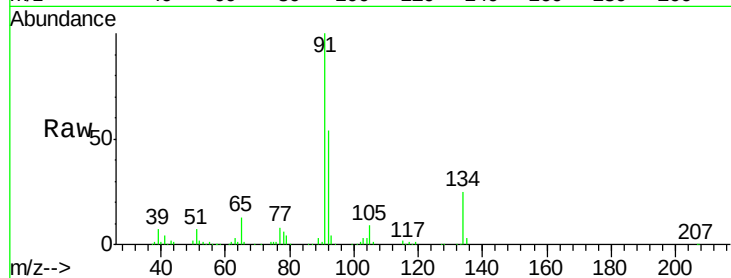
Acq: 02 Jun 2020 11:26

Instrument :

MSVOA_W

ClientSampled :

Tot Ion:	91	Resp:	51292
Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.3	81.9
134	25.4	13.1	39.1



#90

Hexachloroethane

Concen: 4.776 ug/l

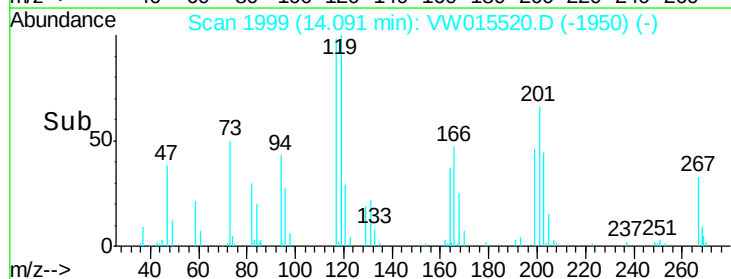
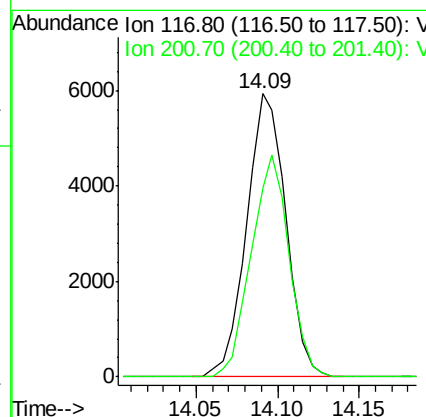
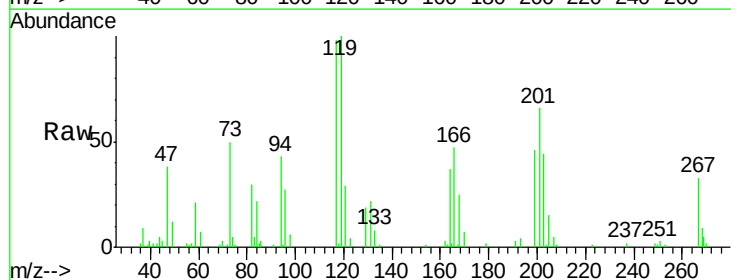
RT: 14.09 min Scan# 1999

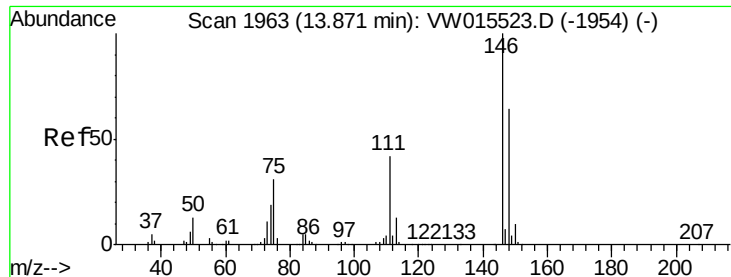
Delta R.T. 0.00 min

Lab File: VW015520.D

Acq: 02 Jun 2020 11:26

Tgt Ion:	117	Resp:	9909
Ion	Ratio	Lower	Upper
117	100		
201	75.5	38.5	115.3

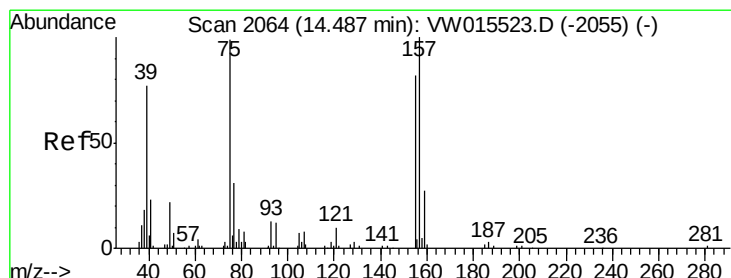
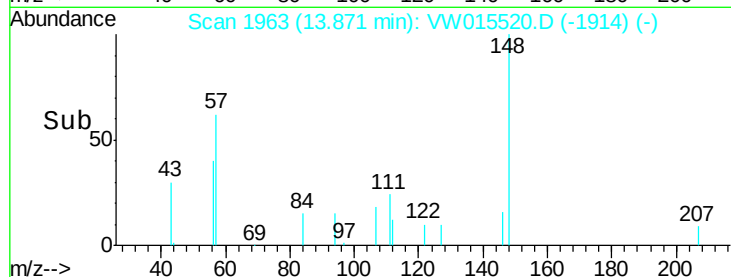
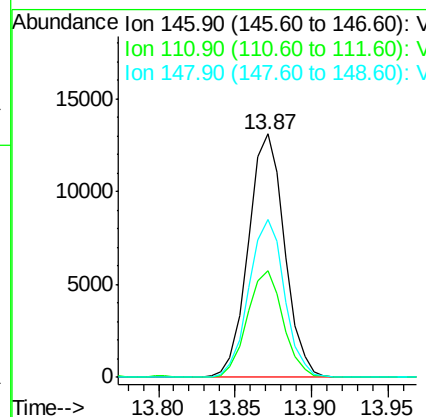
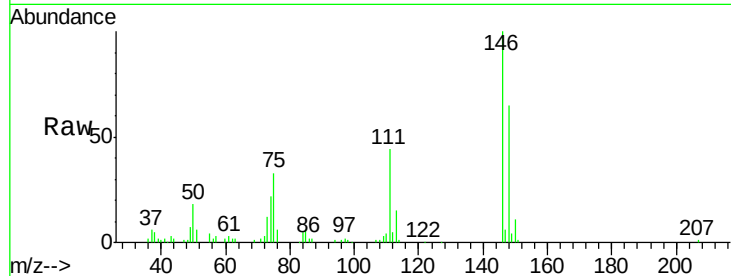




#91
 1,2-Dichlorobenzene
 Concen: 4.794 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW015520.D
 Acq: 02 Jun 2020 11:26

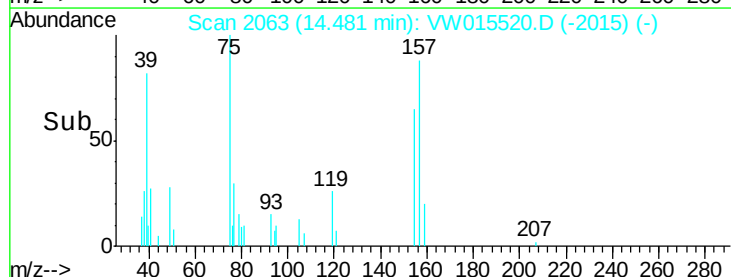
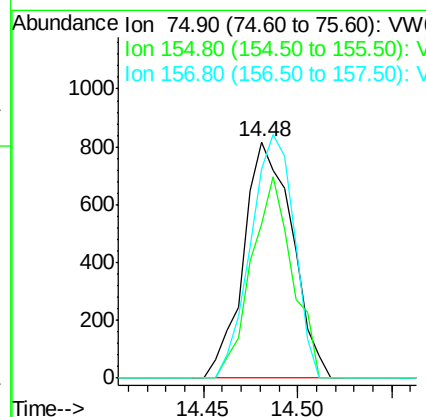
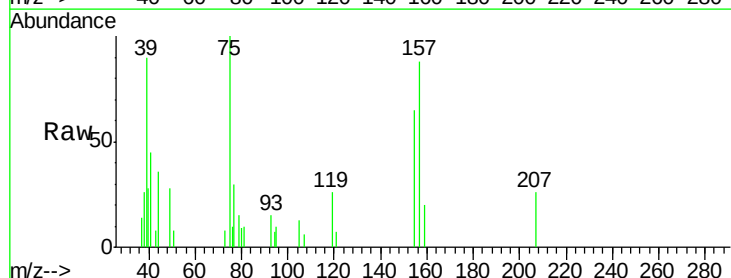
Instrument :
 MSVOA_W
 ClientSampleId :

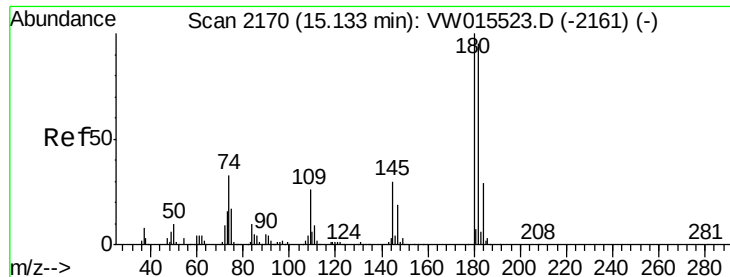
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.6	20.9	62.8
148	63.7	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.347 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW015520.D
 Acq: 02 Jun 2020 11:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.6	40.4	121.1
157	91.8	50.5	151.6

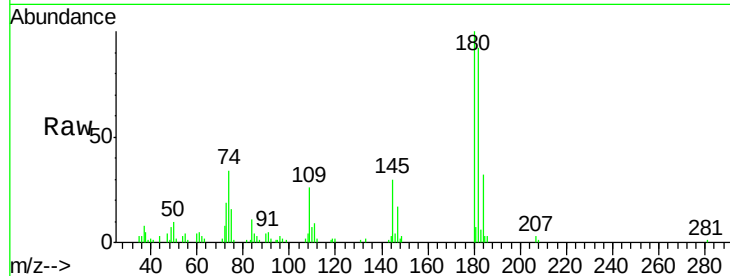




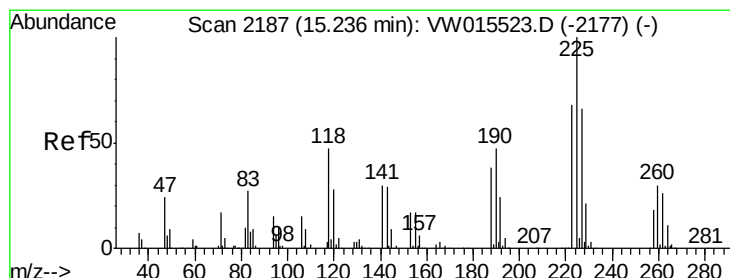
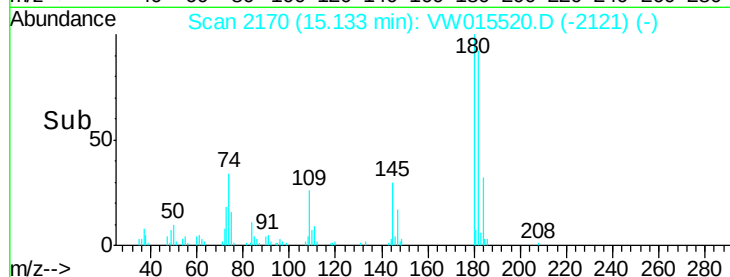
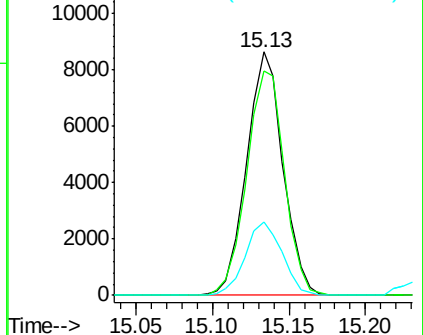
#93
 1,2,4-Trichlorobenzene
 Concen: 4.715 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015520.D
 Acq: 02 Jun 2020 11:26

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:180 Resp: 14247
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.7 143.1
 145 30.7 15.4 46.2

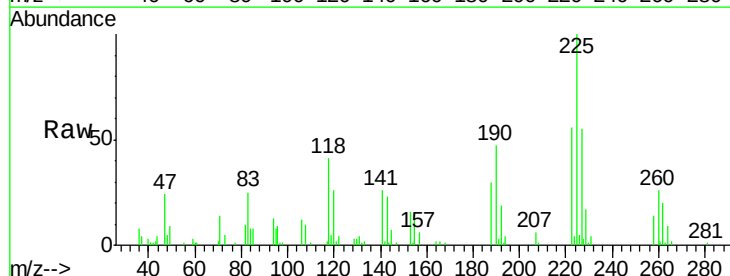


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

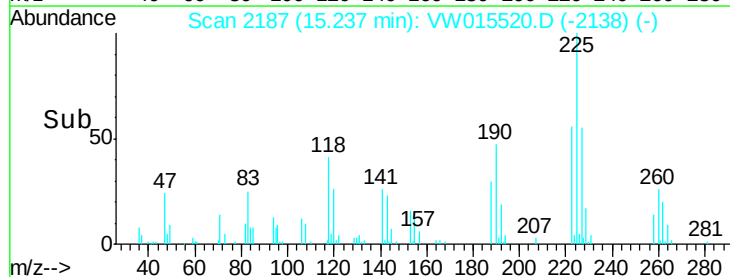
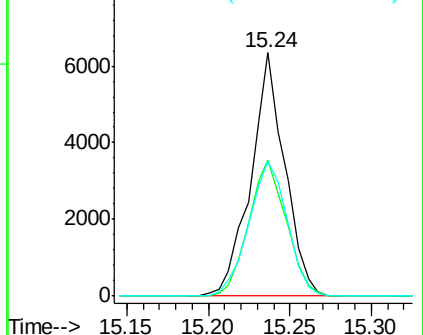


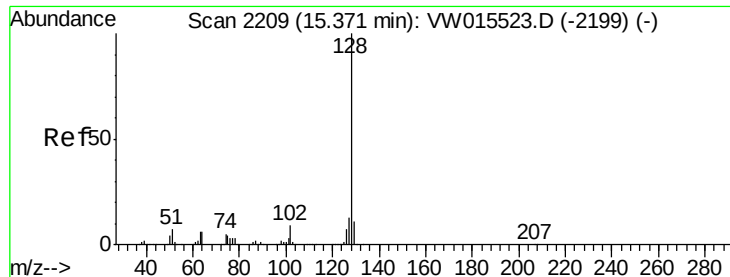
#94
 Hexachlorobutadiene
 Concen: 5.139 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW015520.D
 Acq: 02 Jun 2020 11:26

Tgt Ion:225 Resp: 9197
 Ion Ratio Lower Upper
 225 100
 223 61.6 31.8 95.4
 227 62.6 32.6 97.8



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

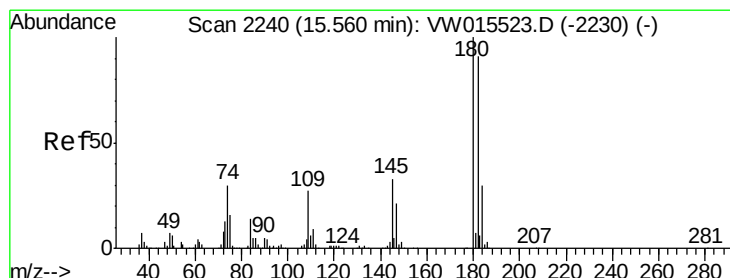
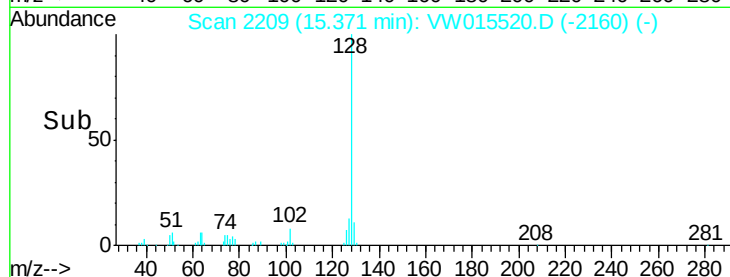
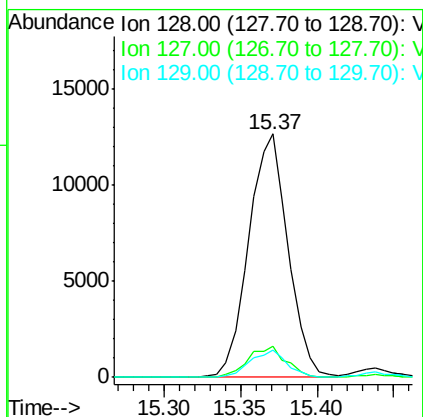
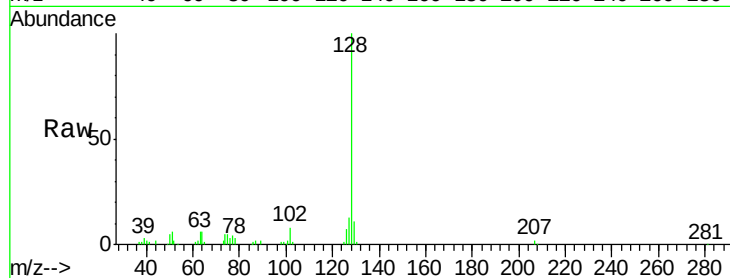




#95
Naphthalene
Concen: 4.175 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW015520.D
Acq: 02 Jun 2020 11:26

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 22638
Ion Ratio Lower Upper
128 100
127 12.3 10.3 15.5
129 10.4 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 4.591 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW015520.D
Acq: 02 Jun 2020 11:26

Tgt Ion:180 Resp: 11947
Ion Ratio Lower Upper
180 100
182 91.8 47.1 141.4
145 33.2 16.3 48.8

