

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010620\
 Data File : VW014523.D
 Acq On : 06 Jan 2020 15:03
 Operator : SY/VA
 Sample : VW0106SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0106SBS01

Quant Time: Jan 07 02:41:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	788524	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1180484	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1026462	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	510560	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	348787	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
35) Dibromofluoromethane	7.88	113	333391	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
50) Toluene-d8	10.32	98	1380996	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
62) 4-Bromofluorobenzene	12.62	95	469802	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.01	85	94995	21.337	ug/l	97
3) Chloromethane	2.21	50	114935	21.091	ug/l	99
4) Vinyl Chloride	2.36	62	168691	21.046	ug/l	97
5) Bromomethane	2.78	94	100409	20.279	ug/l	96
6) Chloroethane	2.92	64	91616	20.051	ug/l	99
7) Trichlorofluoromethane	3.25	101	82304	20.523	ug/l	95
8) Diethyl Ether	3.68	74	76515	19.176	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	150816	20.127	ug/l	99
10) Methyl Iodide	4.26	142	216841	19.179	ug/l	98
11) Tert butyl alcohol	5.16	59	60614	100.297	ug/l	99
12) 1,1-Dichloroethene	4.04	96	153128	19.514	ug/l	98
13) Acrolein	3.89	56	61717	102.566	ug/l	96
14) Allyl chloride	4.66	41	233668	19.486	ug/l	99
15) Acrylonitrile	5.36	53	186715	102.371	ug/l	98
16) Acetone	4.12	43	189773	97.485	ug/l	98
17) Carbon Disulfide	4.38	76	468415	19.805	ug/l	100
18) Methyl Acetate	4.67	43	95088	20.225	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	195198	20.039	ug/l	97
20) Methylene Chloride	4.91	84	184460	20.788	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	160081	19.213	ug/l	97
22) Diisopropyl ether	6.31	45	457331	20.376	ug/l	97
23) Vinyl Acetate	6.25	43	1350578	99.648	ug/l	99
24) 1,1-Dichloroethane	6.21	63	279896	19.770	ug/l	97
25) 2-Butanone	7.17	43	252522	101.080	ug/l	98
26) 2,2-Dichloropropane	7.17	77	159620	20.364	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	167785	19.164	ug/l	95
28) Bromochloromethane	7.51	49	105453	18.998	ug/l #	94
29) Tetrahydrofuran	7.52	42	153287	99.043	ug/l	99
30) Chloroform	7.67	83	263970	19.938	ug/l	100
31) Cyclohexane	7.95	56	286597	19.478	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	215117	20.202	ug/l	99
36) 1,1-Dichloropropene	8.08	75	227575	19.997	ug/l	99
37) Ethyl Acetate	7.25	43	106428	20.620	ug/l	99
38) Carbon Tetrachloride	8.07	117	196931	19.946	ug/l	99

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 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0106SBS01

Quant Time: Jan 07 02:41:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	280266	19.190	ug/l	97
40) Benzene	8.32	78	635238	19.728	ug/l	100
41) Methacrylonitrile	7.48	41	60524	21.036	ug/l	94
42) 1,2-Dichloroethane	8.40	62	169467	20.281	ug/l	98
43) Isopropyl Acetate	8.42	43	184990	19.738	ug/l	99
44) Trichloroethene	9.09	130	168257	19.311	ug/l	94
45) 1,2-Dichloropropane	9.37	63	156244	19.774	ug/l	99
46) Dibromomethane	9.46	93	77602	19.895	ug/l	98
47) Bromodichloromethane	9.64	83	192651	20.005	ug/l	98
48) Methyl methacrylate	9.43	41	90483	19.773	ug/l	100
49) 1,4-Dioxane	9.45	88	29034	397.966	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	498880	102.499	ug/l	98
52) Toluene	10.38	92	398076	19.651	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	194377	19.494	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	236689	19.423	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	110498	19.396	ug/l	98
56) Ethyl methacrylate	10.65	69	144302	19.491	ug/l	99
57) 1,3-Dichloropropane	10.93	76	198887	19.864	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	211938	94.124	ug/l	99
59) 2-Hexanone	10.97	43	346786	103.398	ug/l	98
60) Dibromochloromethane	11.13	129	124177	19.319	ug/l	99
61) 1,2-Dibromoethane	11.23	107	108252	20.019	ug/l	100
64) Tetrachloroethene	10.86	164	147174	19.805	ug/l	99
65) Chlorobenzene	11.65	112	406093	19.311	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	135464	19.132	ug/l	99
67) Ethyl Benzene	11.73	91	738686	19.492	ug/l	99
68) m/p-Xylenes	11.83	106	562091	38.753	ug/l	100
69) o-Xylene	12.16	106	257830	19.244	ug/l	99
70) Styrene	12.18	104	444029	19.594	ug/l	99
71) Bromoform	12.35	173	73920	19.140	ug/l #	99
73) Isopropylbenzene	12.46	105	713544	19.047	ug/l	99
74) N-amyl acetate	12.27	43	168928	20.111	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	131518	19.450	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	167667	34.733	ug/l #	100
77) Bromobenzene	12.74	156	165785	19.054	ug/l	98
78) n-propylbenzene	12.80	91	862585	19.581	ug/l	99
79) 2-Chlorotoluene	12.89	91	482125	19.232	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	604548	19.220	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	41835	19.309	ug/l	95
82) 4-Chlorotoluene	12.99	91	509266	19.553	ug/l	99
83) tert-Butylbenzene	13.21	119	520210	18.890	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	603535	19.281	ug/l	99
85) sec-Butylbenzene	13.38	105	735008	19.282	ug/l	99
86) p-Isopropyltoluene	13.50	119	673014	19.370	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	320658	18.952	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	323229	19.351	ug/l	99
89) n-Butylbenzene	13.82	91	629980	19.525	ug/l	99
90) Hexachloroethane	14.09	117	113885	18.762	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	285913	19.226	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	20872	19.492	ug/l	95

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	196252	19.542	ug/l	99
94) Hexachlorobutadiene	15.24	225	128111	19.036	ug/l	98
95) Naphthalene	15.36	128	320347	18.704	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	167946	19.186	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

Instrument :

MSVOA_W

ClientSampleId :

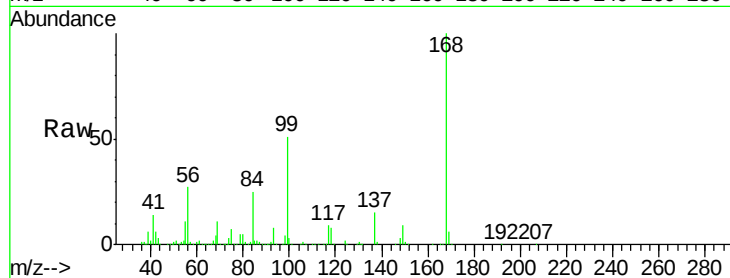
VW0106SBSD01

Tgt Ion:168 Resp: 788524

Ion Ratio Lower Upper

168 100

99 50.9 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

400000

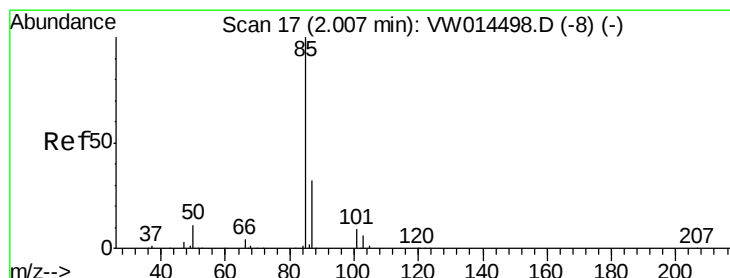
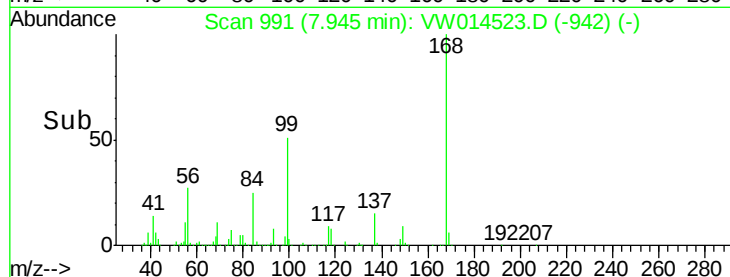
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.337 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW014523.D

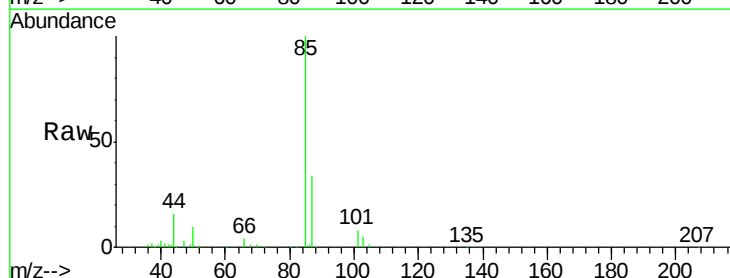
Acq: 06 Jan 2020 15:03

Tgt Ion: 85 Resp: 94995

Ion Ratio Lower Upper

85 100

87 34.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

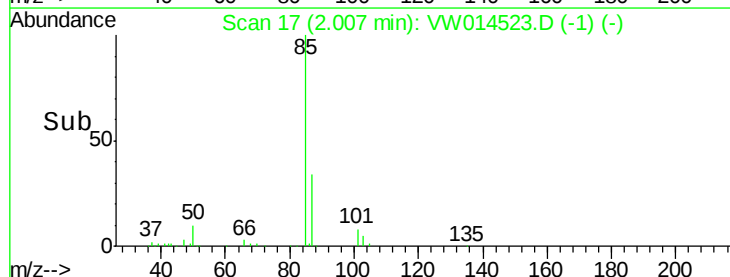
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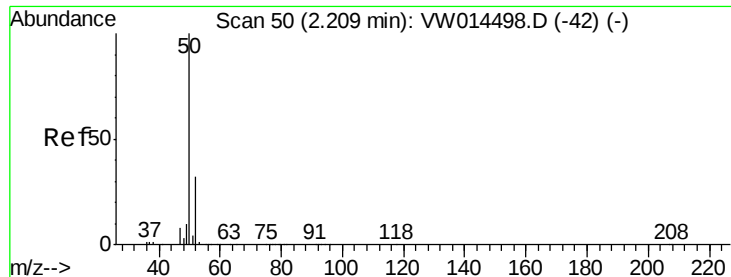
20000

10000

0

Time-->





#3

Chloromethane

Concen: 21.091 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

Instrument :

MSVOA_W

ClientSampleId :

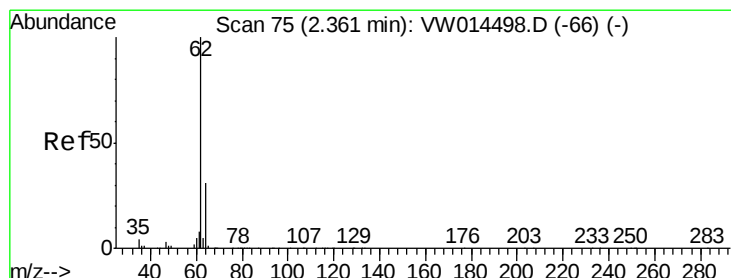
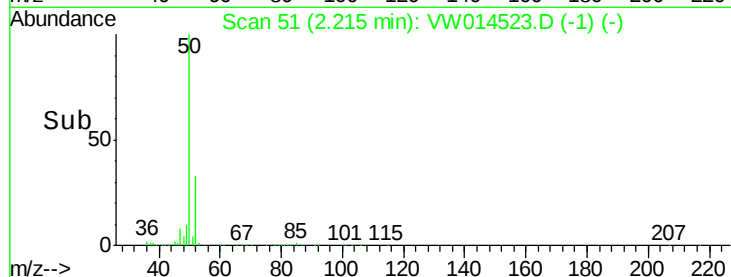
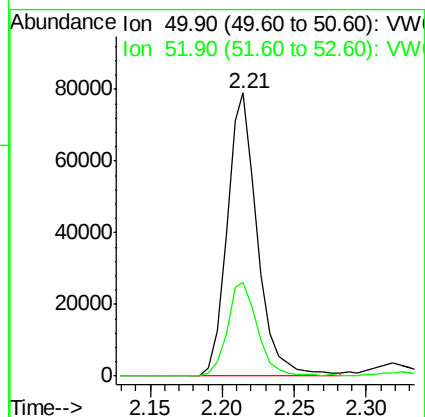
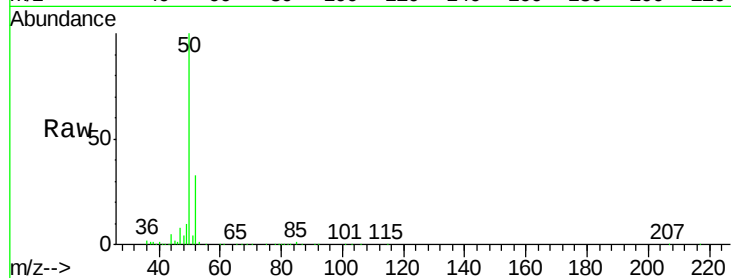
VW0106SBSD01

Tgt Ion: 50 Resp: 114935

Ion Ratio Lower Upper

50 100

52 33.1 25.8 38.8



#4

Vinyl Chloride

Concen: 21.046 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW014523.D

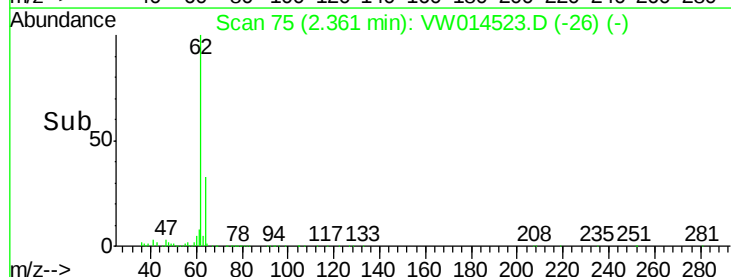
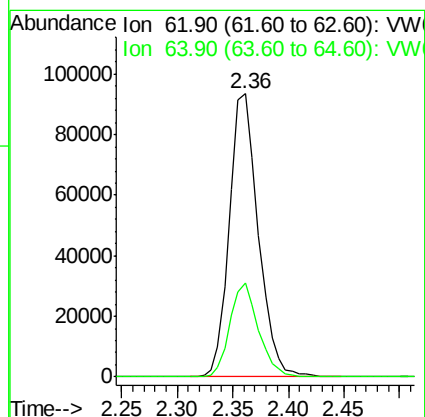
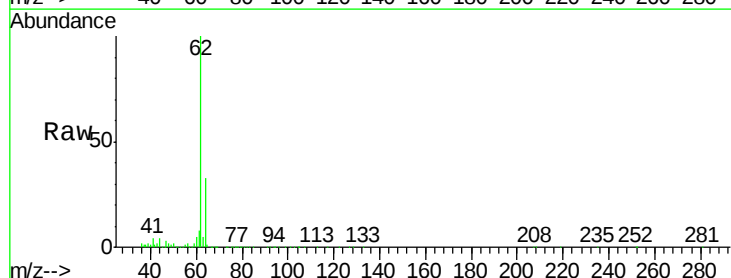
Acq: 06 Jan 2020 15:03

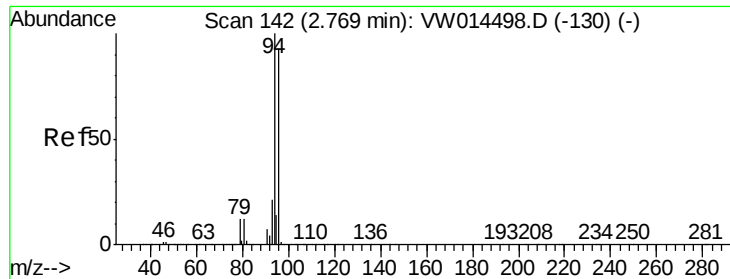
Tgt Ion: 62 Resp: 168691

Ion Ratio Lower Upper

62 100

64 33.0 25.0 37.4





#5

Bromomethane

Concen: 20.279 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

Instrument :

MSVOA_W

ClientSampleId :

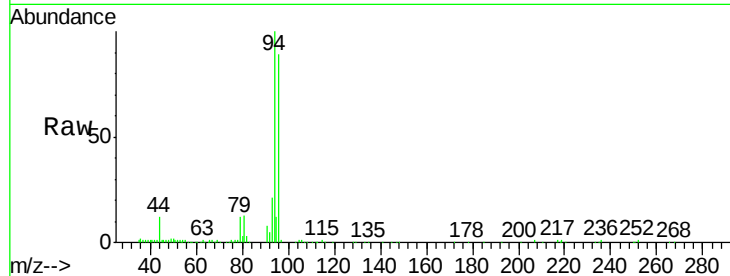
VW0106SBSD01

Tgt Ion: 94 Resp: 100409

Ion Ratio Lower Upper

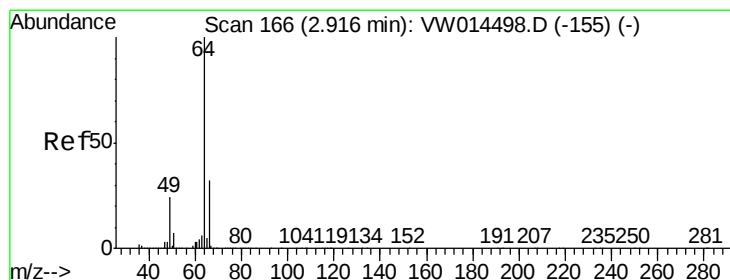
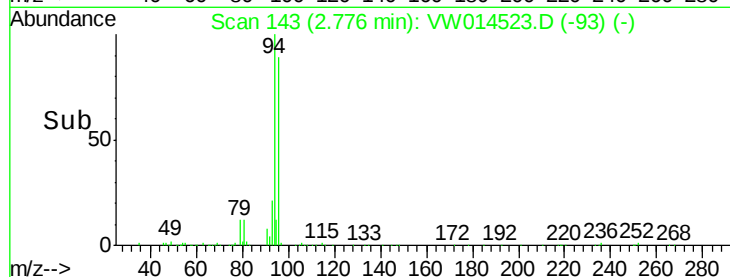
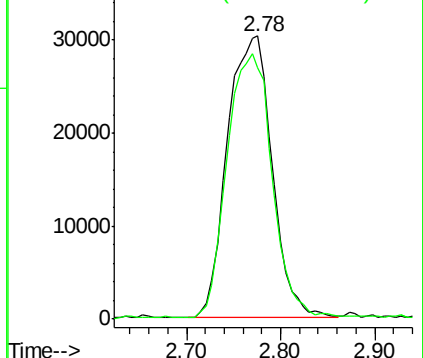
94 100

96 88.5 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 20.051 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW014523.D

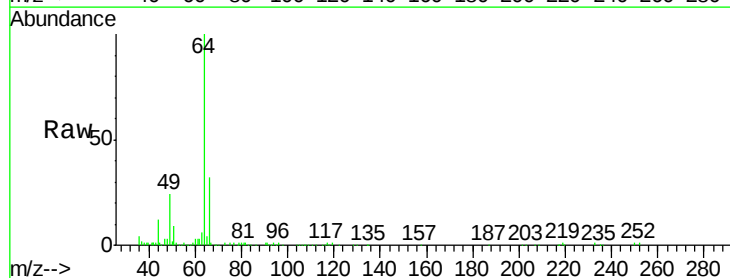
Acq: 06 Jan 2020 15:03

Tgt Ion: 64 Resp: 91616

Ion Ratio Lower Upper

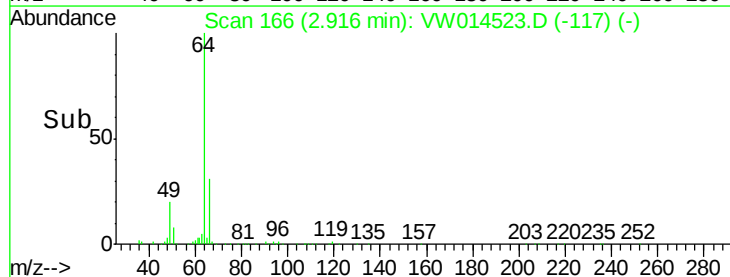
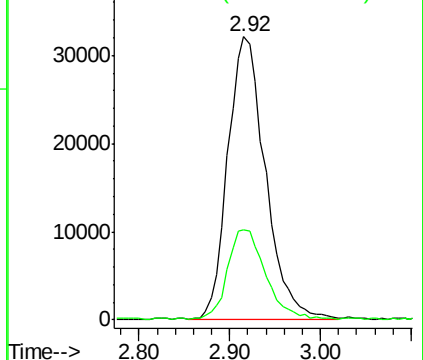
64 100

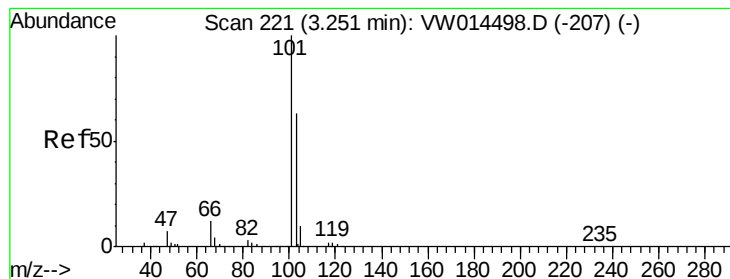
66 31.5 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



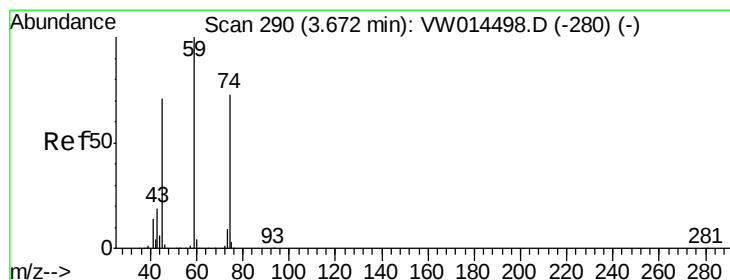
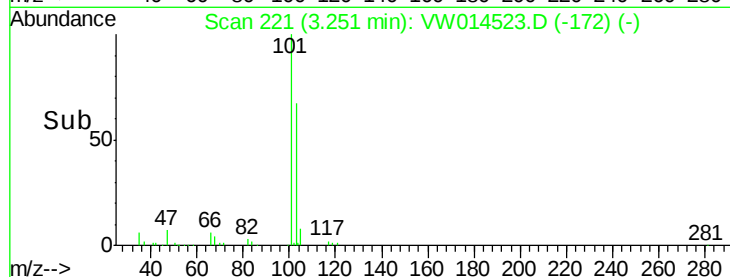
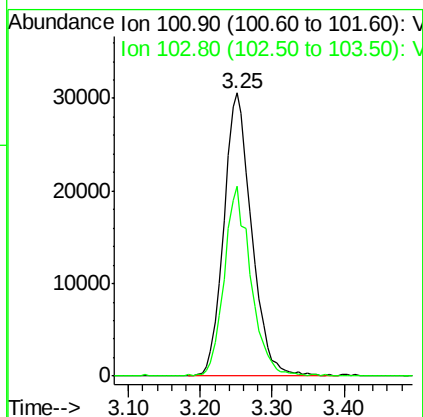
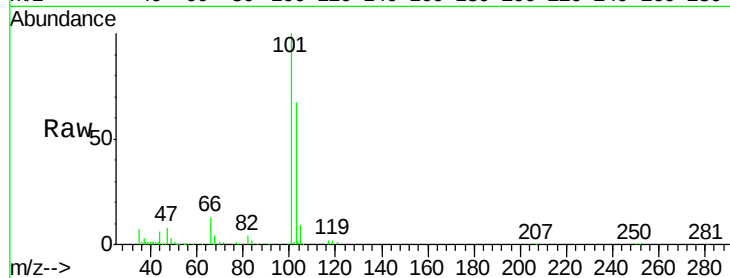


#7

Trichlorofluoromethane
 Concen: 20.523 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW014523.D
 Acq: 06 Jan 2020 15:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0106SBSD01

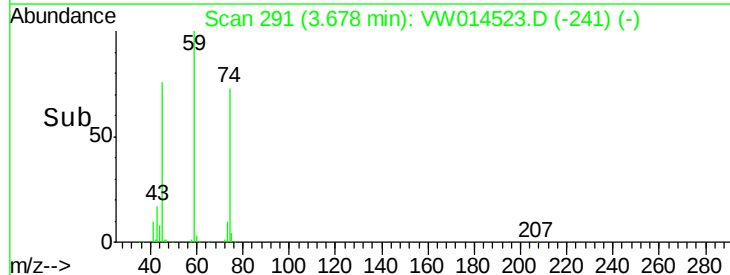
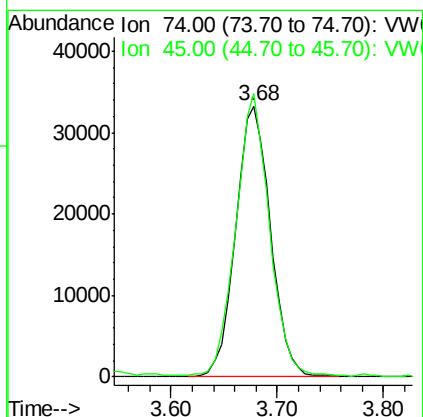
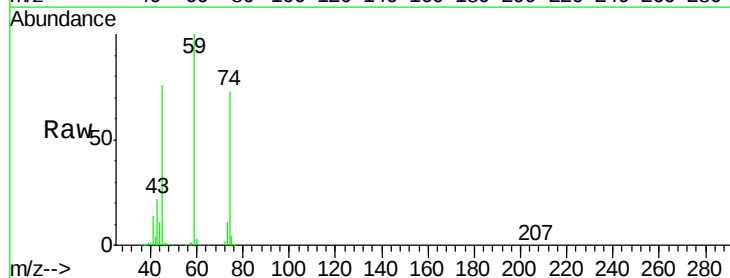
Tgt Ion: 101 Resp: 82304
 Ion Ratio Lower Upper
 101 100
 103 66.8 50.1 75.1



#8

Diethyl Ether
 Concen: 19.176 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.01 min
 Lab File: VW014523.D
 Acq: 06 Jan 2020 15:03

Tgt Ion: 74 Resp: 76515
 Ion Ratio Lower Upper
 74 100
 45 100.4 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.127 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

Instrument :

MSVOA_W

ClientSampleId :

VW0106SBS01

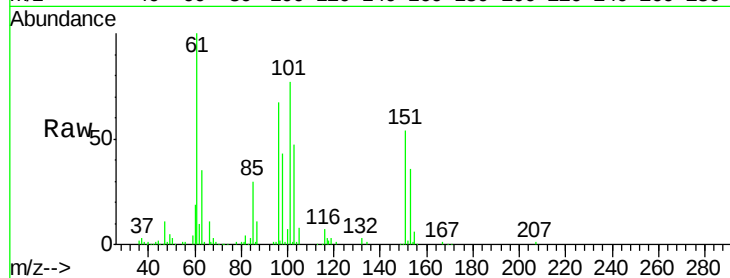
Tgt Ion:101 Resp: 150816

Ion Ratio Lower Upper

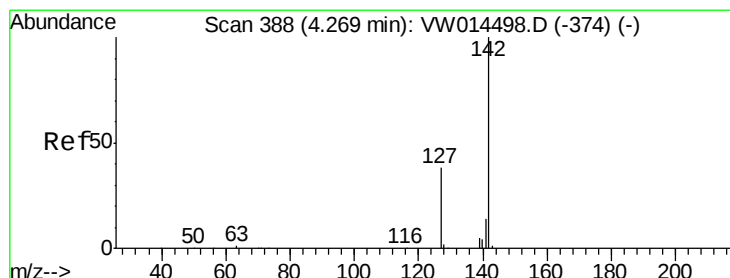
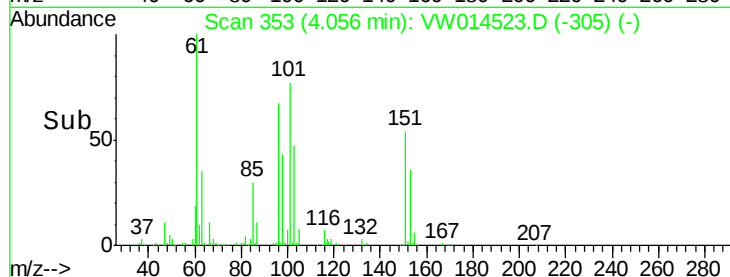
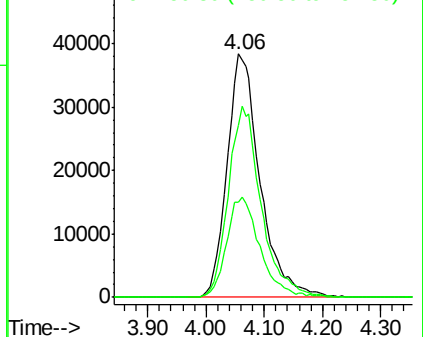
101 100

85 41.7 33.7 50.5

151 78.2 63.5 95.3



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.179 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

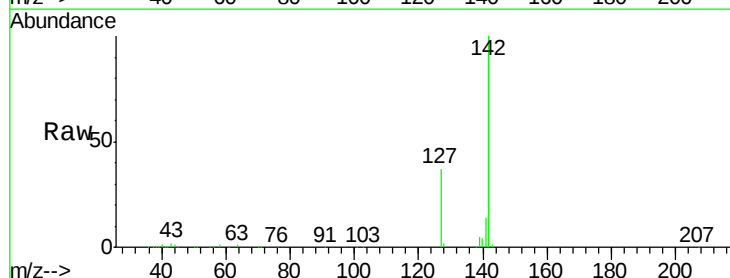
Tgt Ion:142 Resp: 216841

Ion Ratio Lower Upper

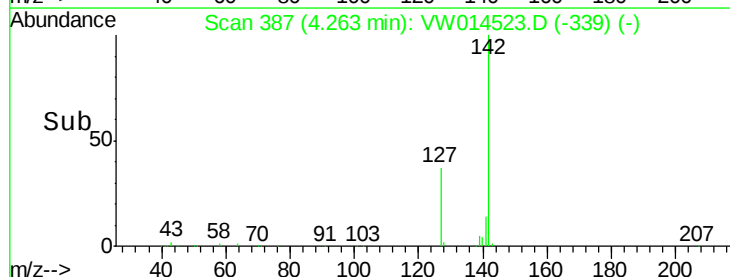
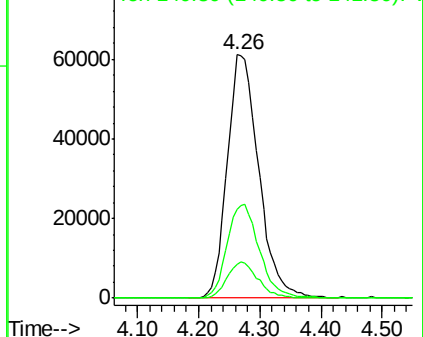
142 100

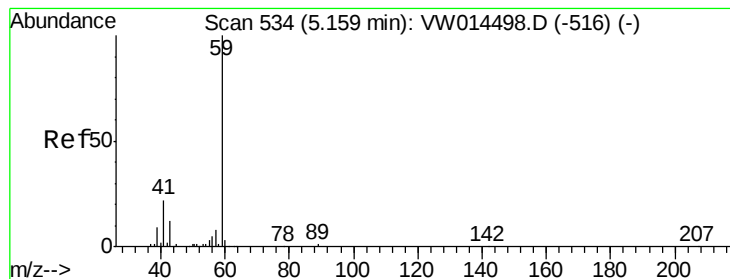
127 39.5 30.2 45.4

141 14.5 11.4 17.2



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 100.297 ug/l

RT: 5.16 min Scan# 534

Delta R.T. 0.00 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

Instrument :

MSVOA_W

ClientSampleId :

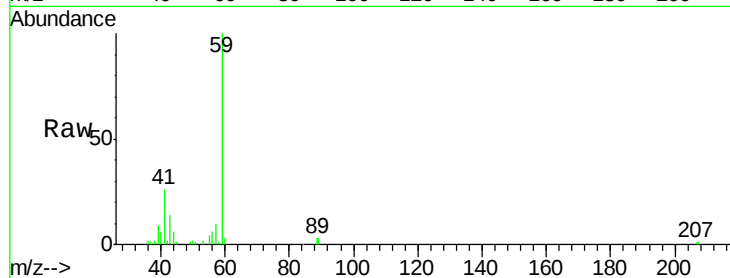
VW0106SBS01

Tgt Ion: 59 Resp: 60614

Ion Ratio Lower Upper

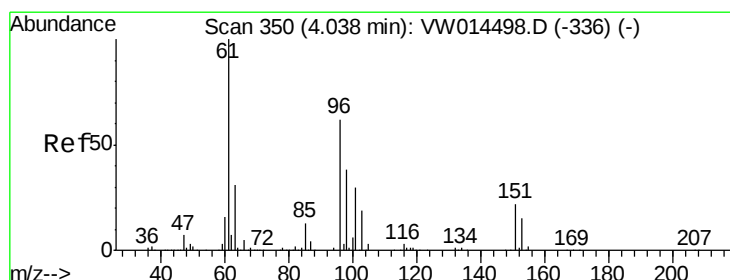
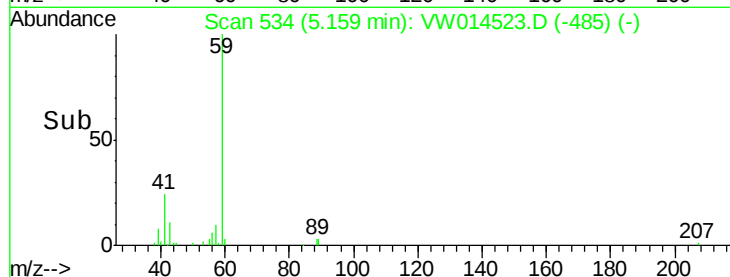
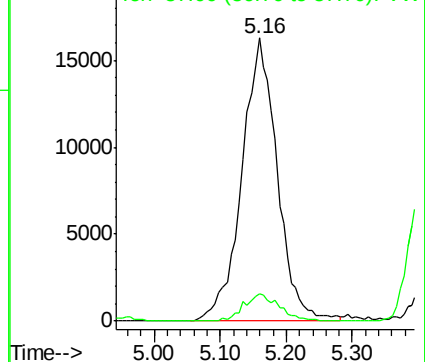
59 100

57 9.6 7.8 11.8



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



#12

1,1-Dichloroethene

Concen: 19.514 ug/l

RT: 4.04 min Scan# 350

Delta R.T. -0.00 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

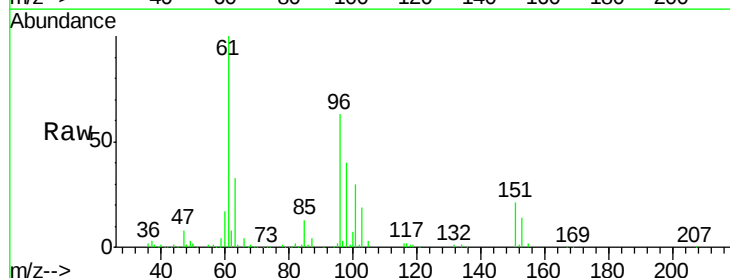
Tgt Ion: 96 Resp: 153128

Ion Ratio Lower Upper

96 100

61 157.7 128.4 192.6

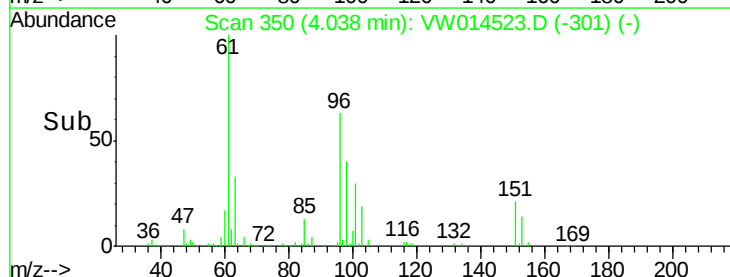
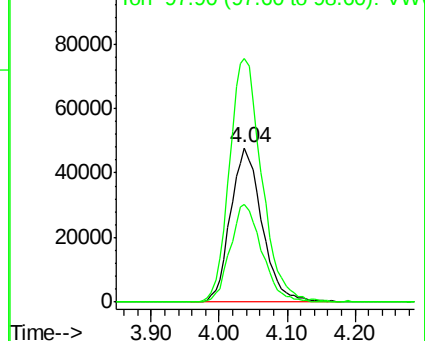
98 63.1 49.1 73.7

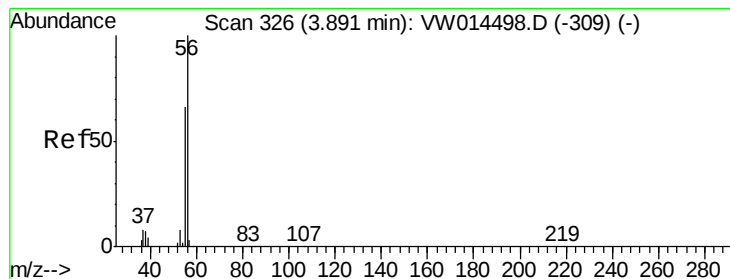


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#13

Acrolein

Concen: 102.566 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

Instrument :

MSVOA_W

ClientSampleId :

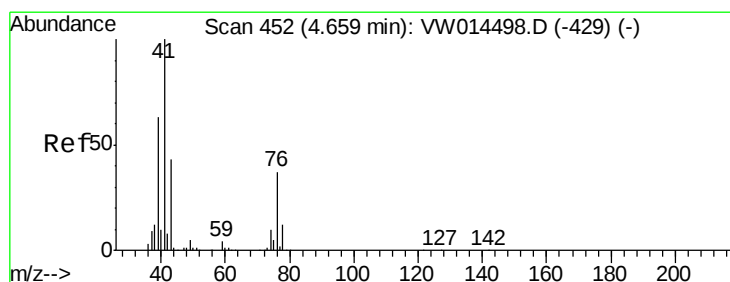
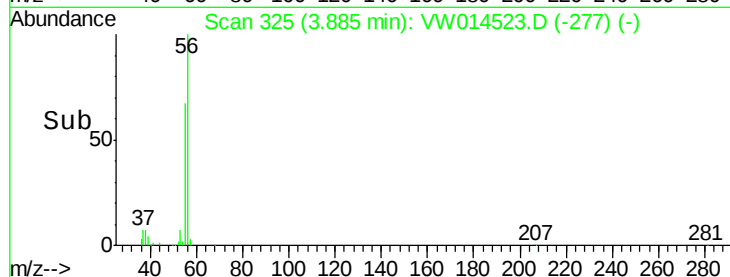
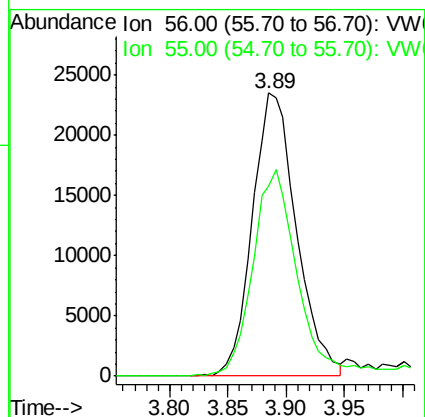
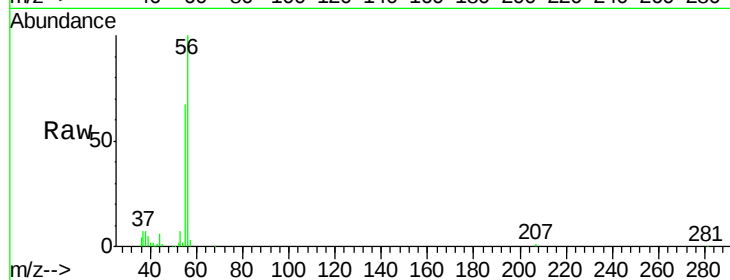
VW0106SBSD01

Tgt Ion: 56 Resp: 61717

Ion Ratio Lower Upper

56 100

55 74.4 56.7 85.1



#14

Allyl chloride

Concen: 19.486 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

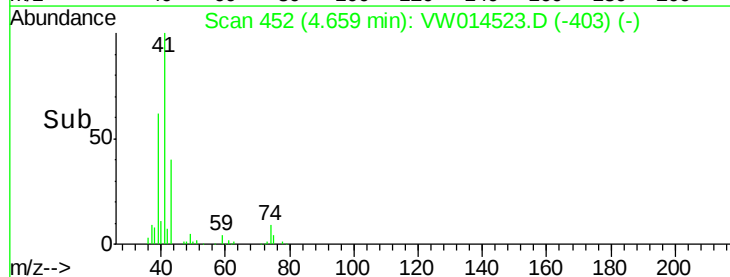
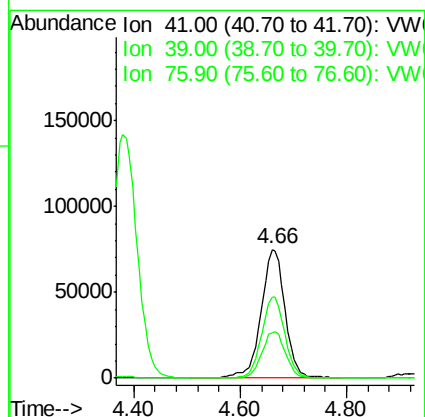
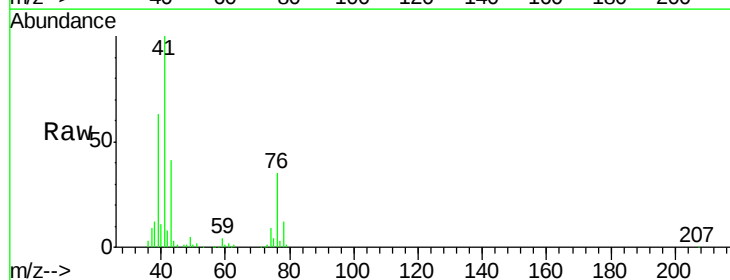
Tgt Ion: 41 Resp: 233668

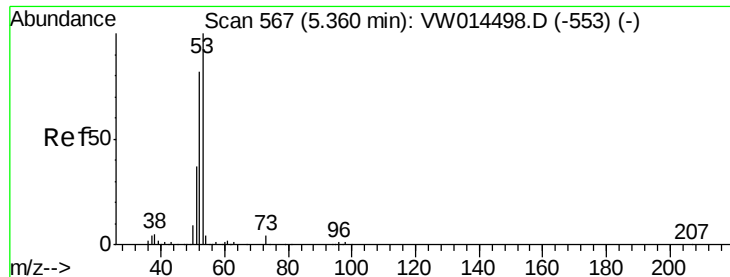
Ion Ratio Lower Upper

41 100

39 61.9 48.5 72.7

76 35.2 28.1 42.1





#15

Acrylonitrile

Concen: 102.371 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

Instrument :

MSVOA_W

ClientSampleId :

VW0106SBSD01

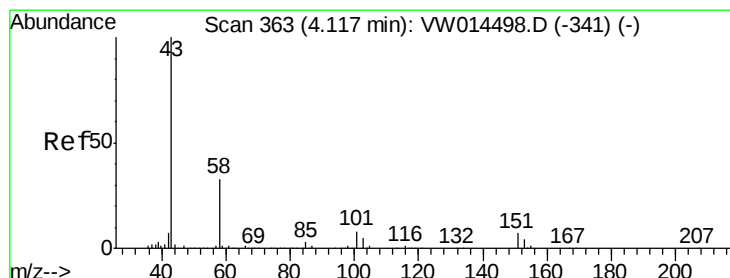
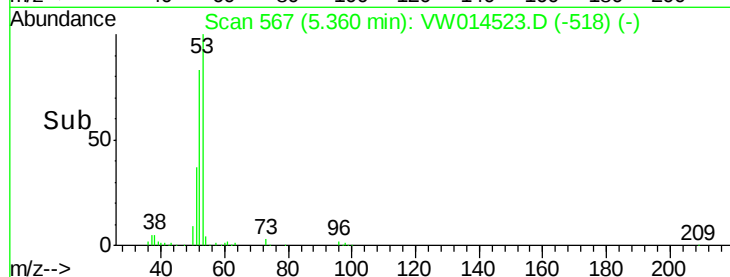
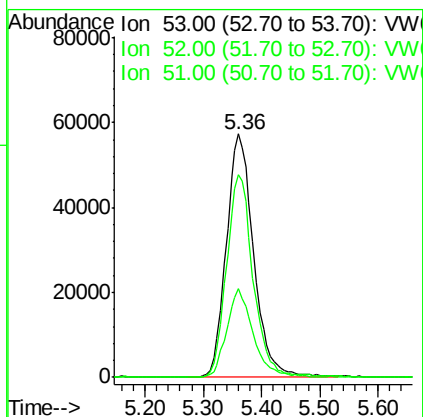
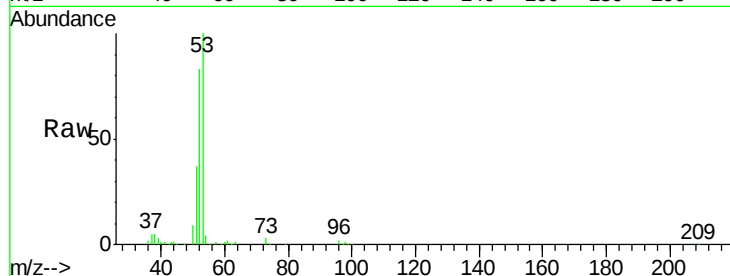
Tgt Ion: 53 Resp: 186715

Ion Ratio Lower Upper

53 100

52 80.5 66.5 99.7

51 35.4 28.4 42.6



#16

Acetone

Concen: 97.485 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW014523.D

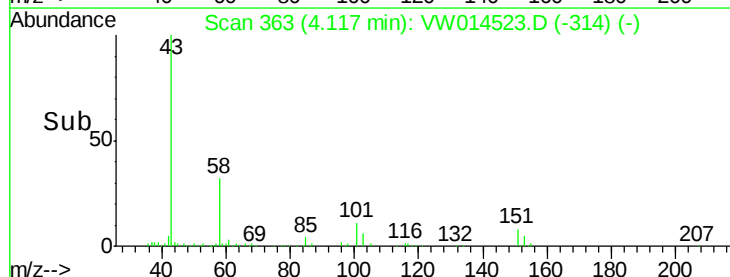
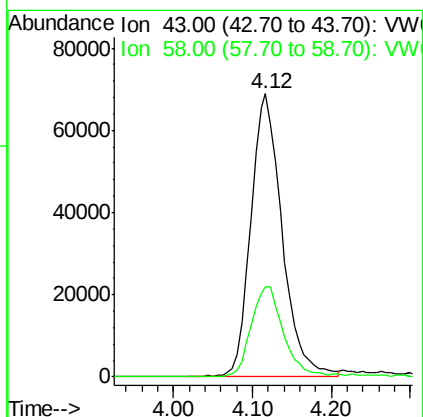
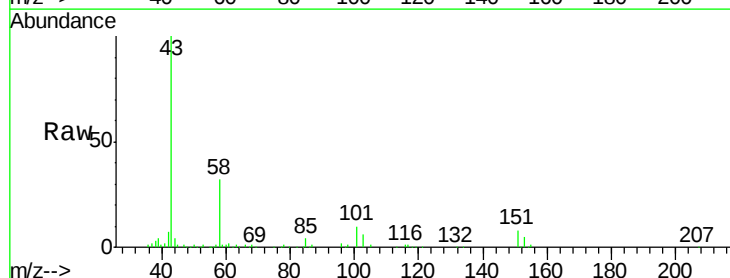
Acq: 06 Jan 2020 15:03

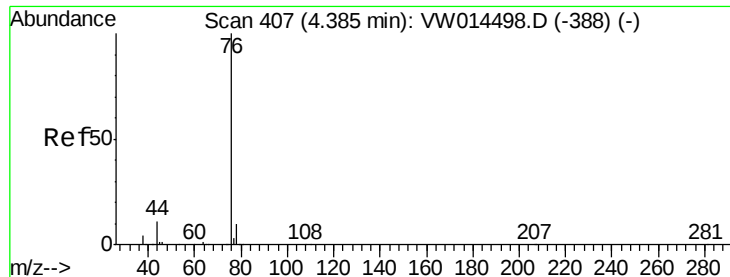
Tgt Ion: 43 Resp: 189773

Ion Ratio Lower Upper

43 100

58 31.8 26.6 39.8





#17

Carbon Disulfide

Concen: 19.805 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

Instrument :

MSVOA_W

ClientSampleId :

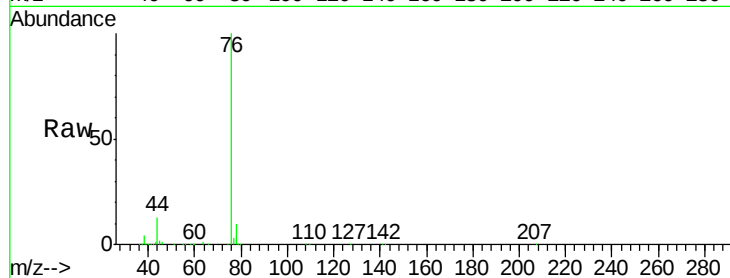
VW0106SBSD01

Tgt Ion: 76 Resp: 468415

Ion Ratio Lower Upper

76 100

78 9.6 7.8 11.6



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

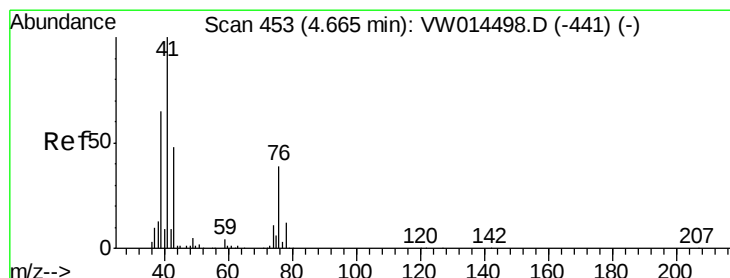
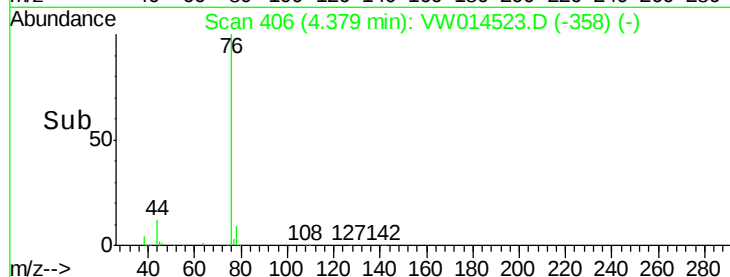
150000

100000

50000

0

Time--> 4.20 4.30 4.40 4.50



#18

Methyl Acetate

Concen: 20.225 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW014523.D

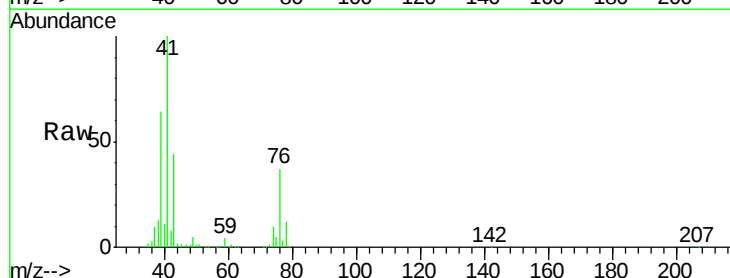
Acq: 06 Jan 2020 15:03

Tgt Ion: 43 Resp: 95088

Ion Ratio Lower Upper

43 100

74 23.3 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

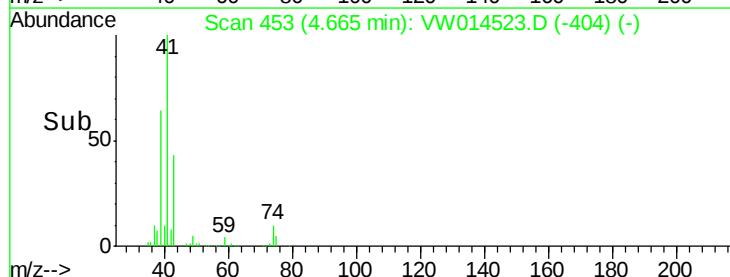
30000

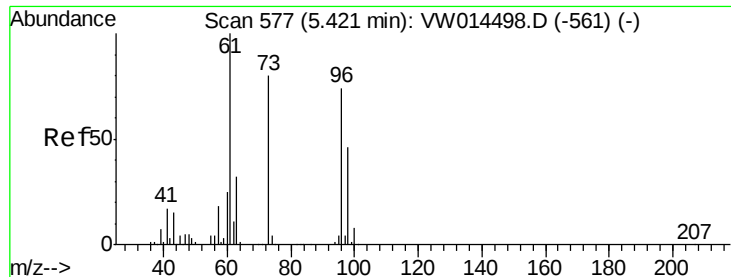
20000

10000

0

Time--> 4.60 4.70 4.80

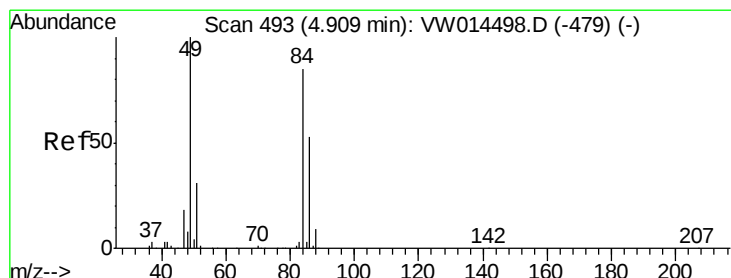
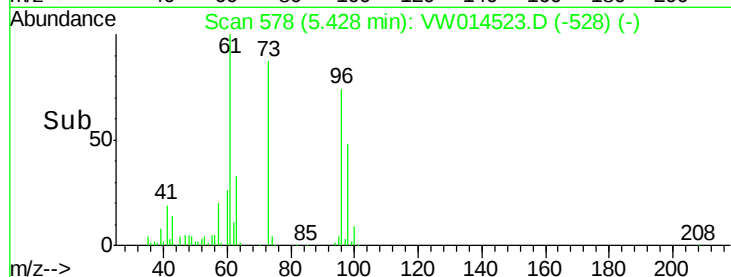
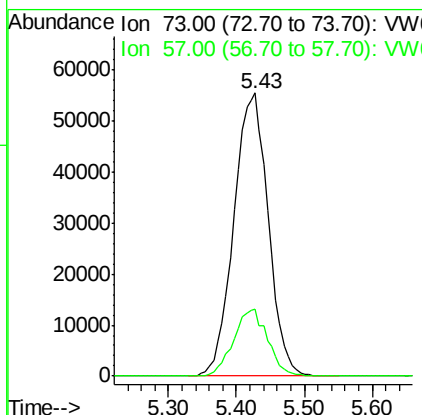
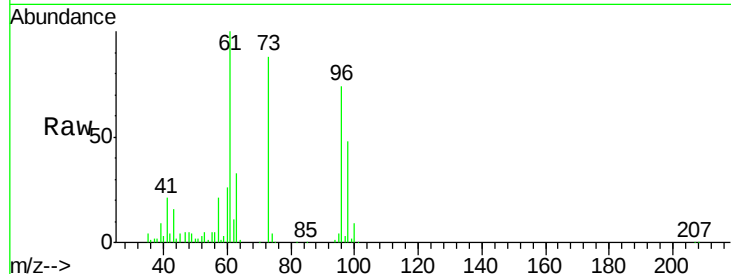




#19
Methyl tert-butyl Ether
Concen: 20.039 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW014523.D
Acq: 06 Jan 2020 15:03

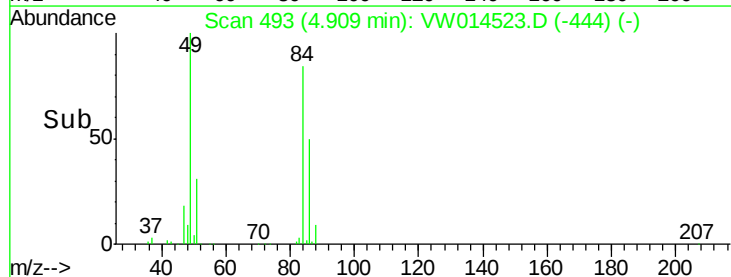
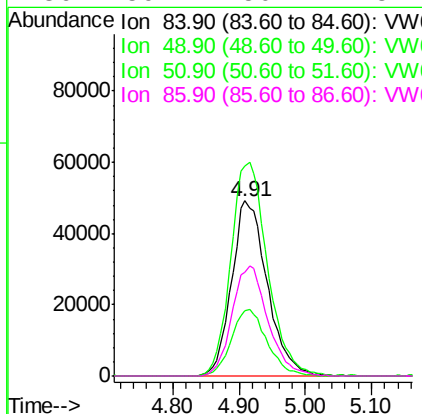
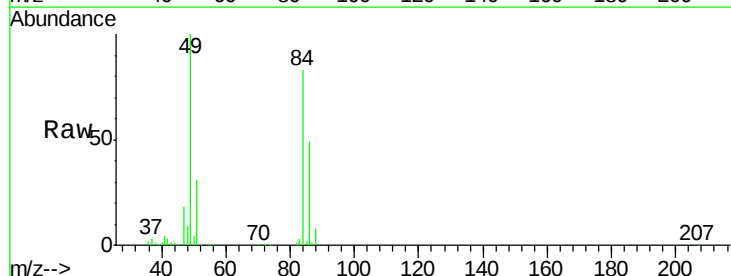
Instrument :
MSVOA_W
ClientSampleId :
VW0106SBSD01

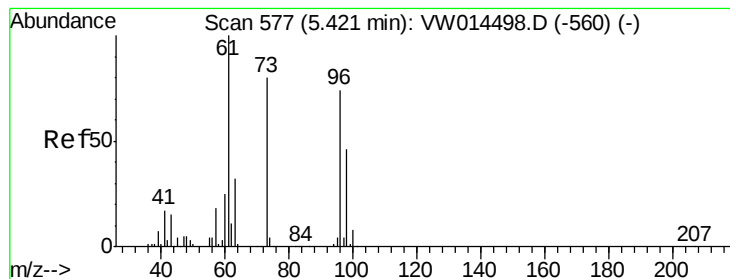
Tgt Ion: 73 Resp: 195198
Ion Ratio Lower Upper
73 100
57 23.9 18.1 27.1



#20
Methylene Chloride
Concen: 20.788 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW014523.D
Acq: 06 Jan 2020 15:03

Tgt Ion: 84 Resp: 184460
Ion Ratio Lower Upper
84 100
49 119.9 94.4 141.6
51 37.4 29.5 44.3
86 59.2 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 19.213 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

Instrument :

MSVOA_W

ClientSampleId :

VW0106SBS01

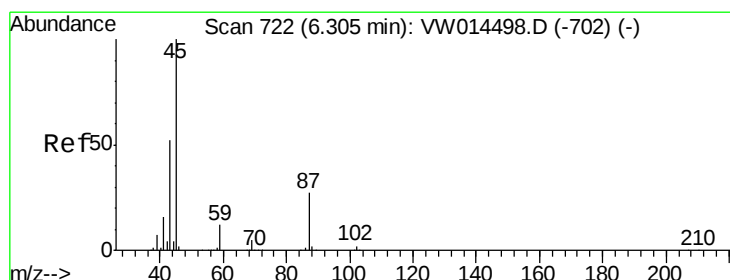
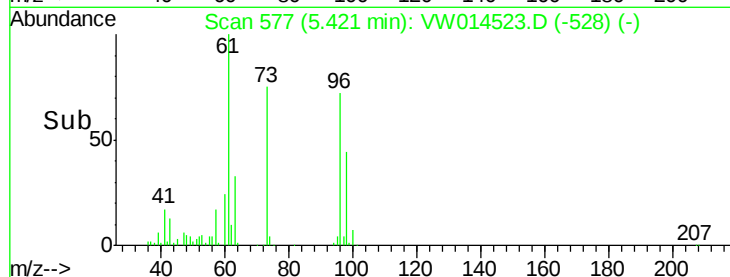
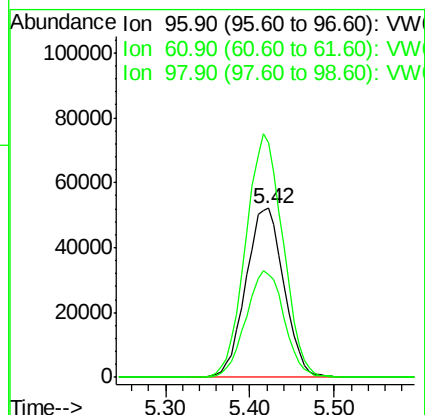
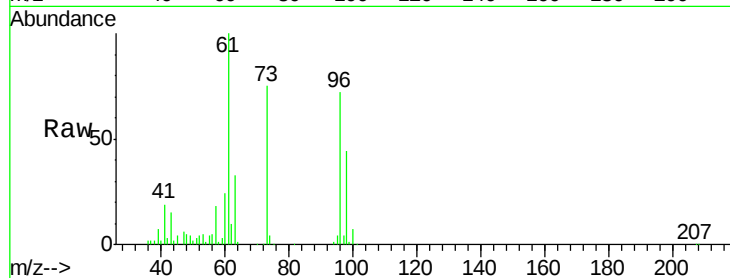
Tgt Ion: 96 Resp: 160081

Ion Ratio Lower Upper

96 100

61 139.2 107.8 161.6

98 61.2 49.4 74.0



#22

Diisopropyl ether

Concen: 20.376 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

Tgt Ion: 45 Resp: 457331

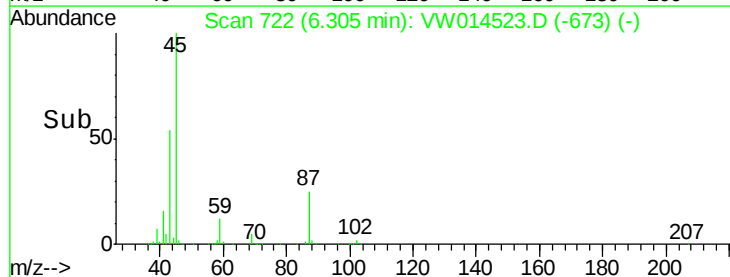
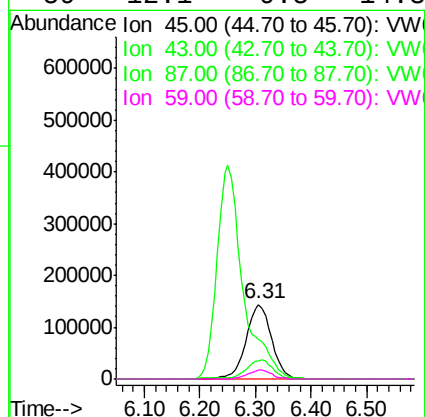
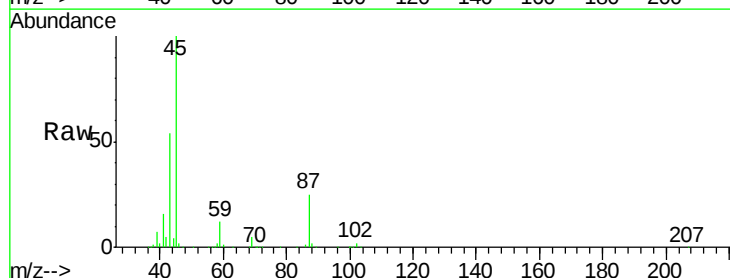
Ion Ratio Lower Upper

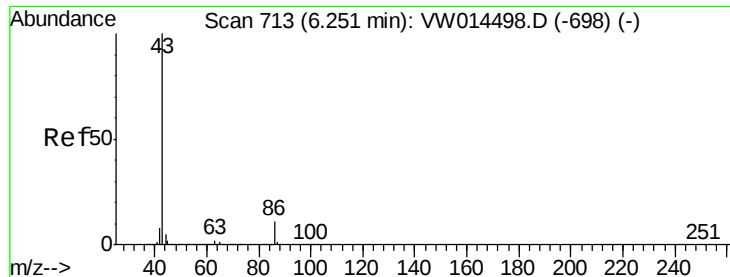
45 100

43 53.5 41.4 62.0

87 24.7 22.2 33.2

59 12.1 9.5 14.3





#23

Vinyl Acetate

Concen: 99.648 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

Instrument :

MSVOA_W

ClientSampleId :

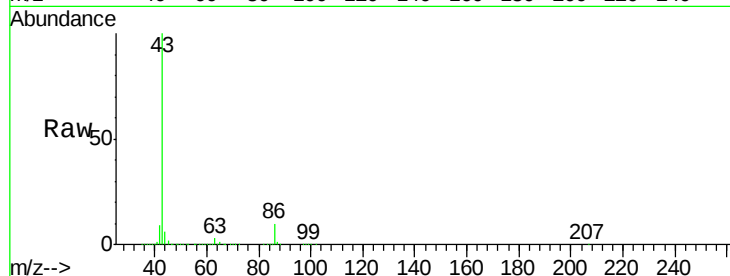
VW0106SBSD01

Tgt Ion: 43 Resp: 1350578

Ion Ratio Lower Upper

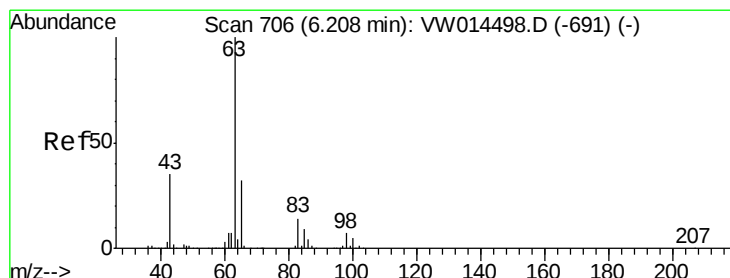
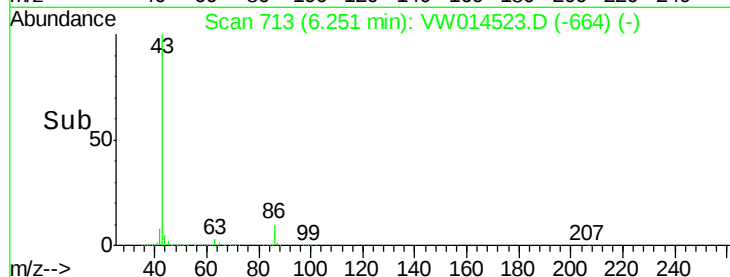
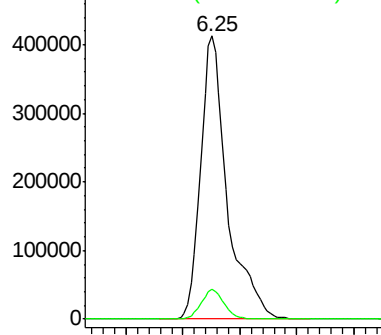
43 100

86 10.5 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 19.770 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

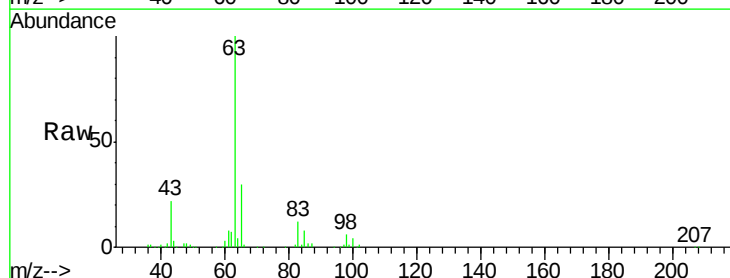
Tgt Ion: 63 Resp: 279896

Ion Ratio Lower Upper

63 100

98 5.7 3.5 10.4

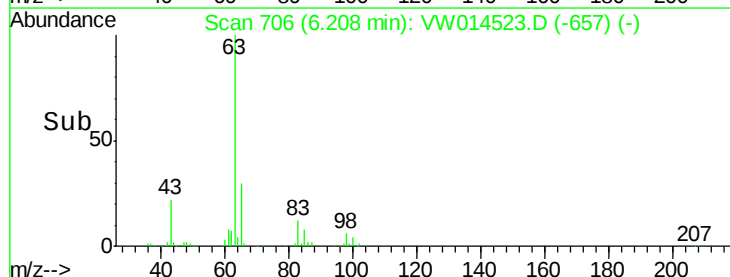
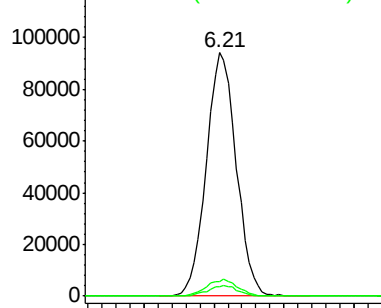
100 4.1 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

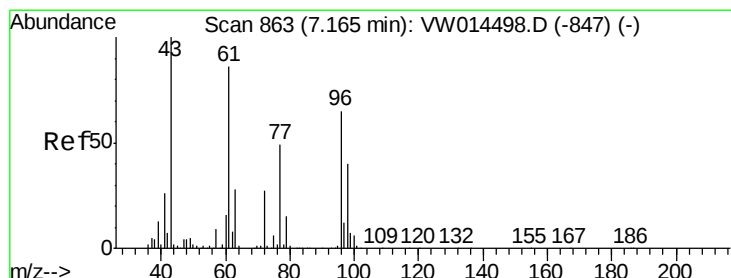
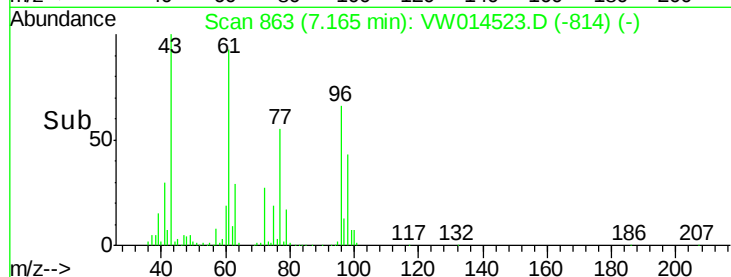
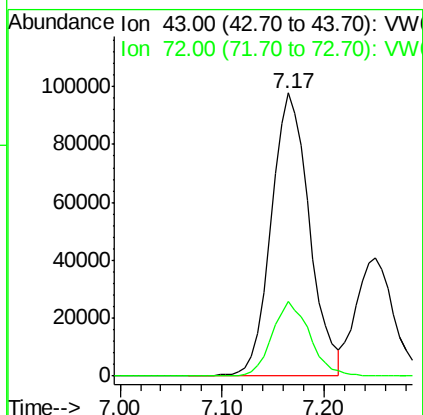
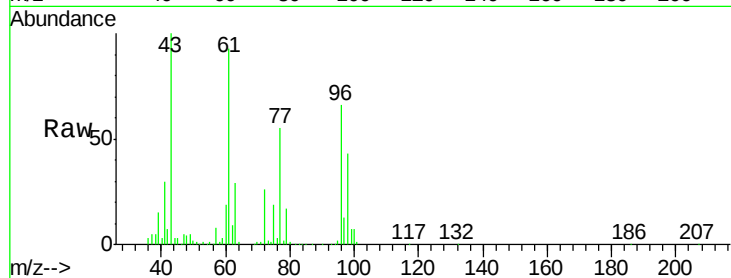




#25
2-Butanone
Concen: 101.080 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW014523.D
Acq: 06 Jan 2020 15:03

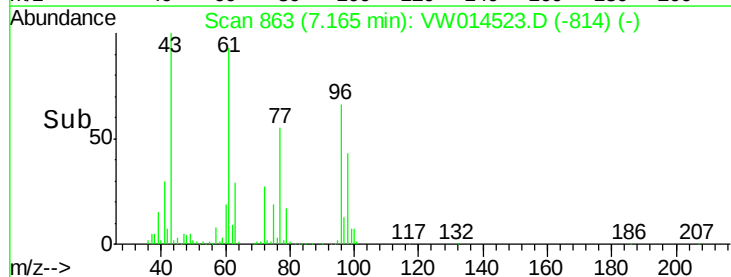
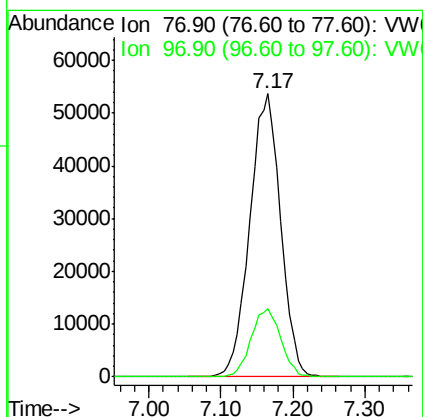
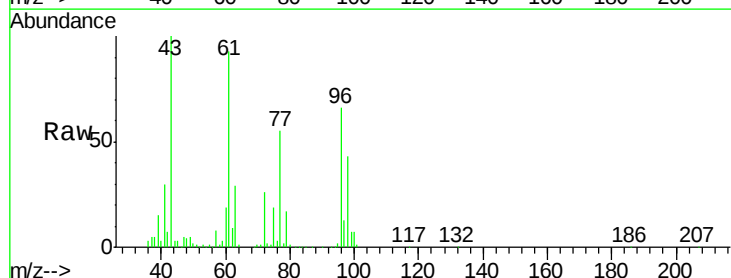
Instrument :
MSVOA_W
ClientSampleId :
VW0106SBSD01

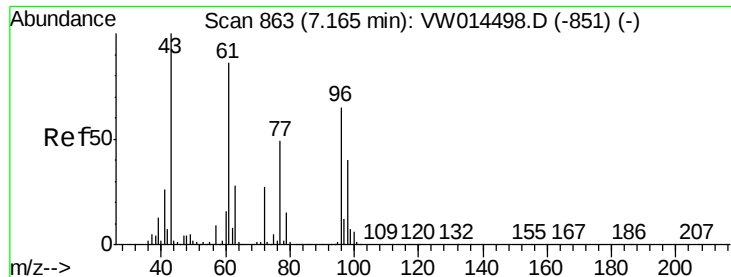
Tgt Ion: 43 Resp: 252522
Ion Ratio Lower Upper
43 100
72 26.5 21.9 32.9



#26
2,2-Dichloropropane
Concen: 20.364 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW014523.D
Acq: 06 Jan 2020 15:03

Tgt Ion: 77 Resp: 159620
Ion Ratio Lower Upper
77 100
97 23.2 12.5 37.5



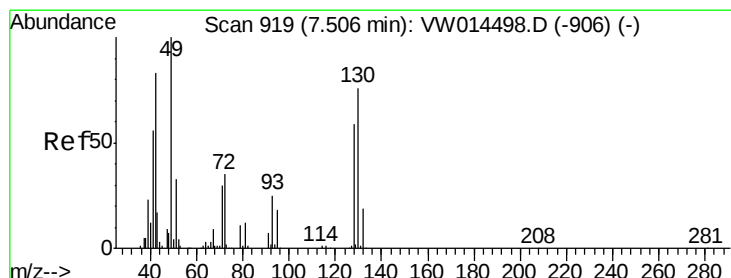
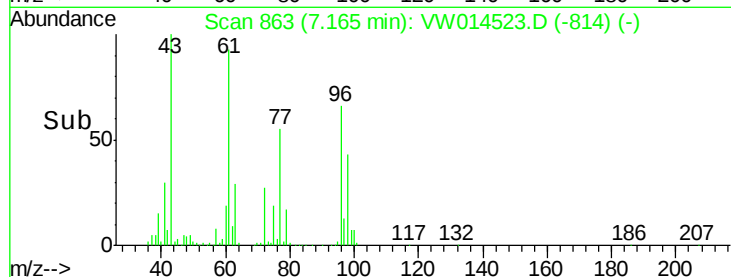
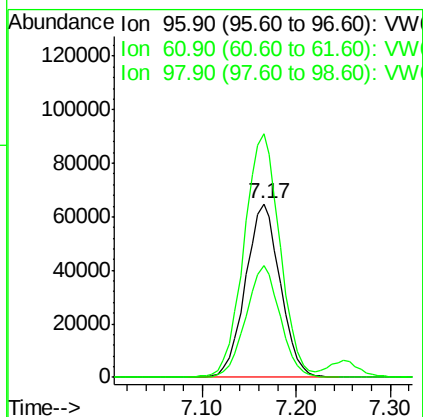
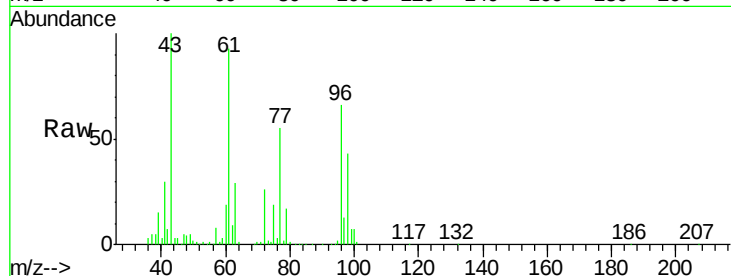


#27

cis-1,2-Dichloroethene
Concen: 19.164 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW014523.D
Acq: 06 Jan 2020 15:03

Instrument :
MSVOA_W
ClientSampleId :
VW0106SBSD01

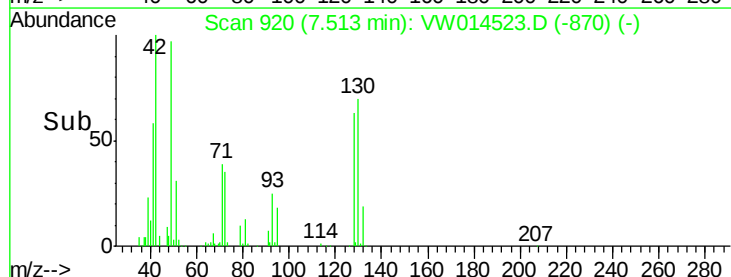
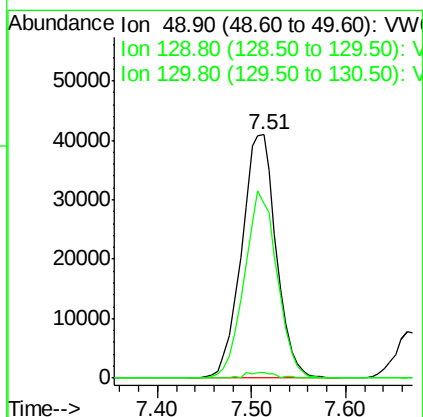
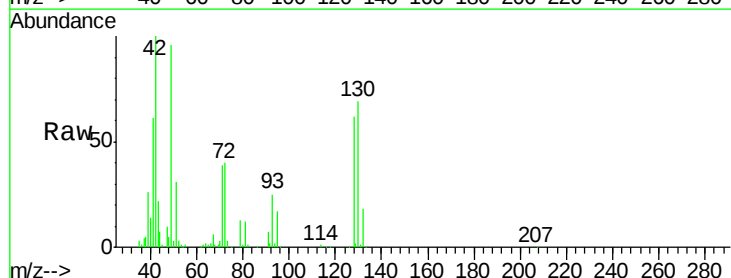
Tgt Ion: 96 Resp: 167785
Ion Ratio Lower Upper
96 100
61 145.1 0.0 274.8
98 63.7 0.0 128.6

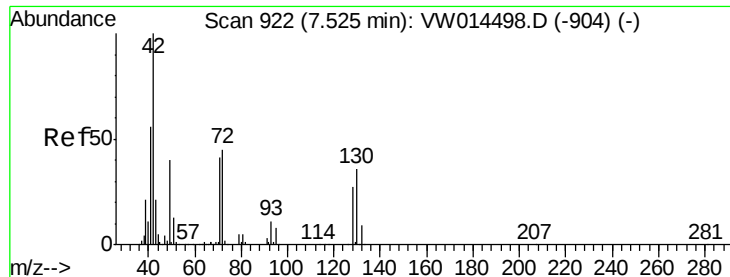


#28

Bromochloromethane
Concen: 18.998 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW014523.D
Acq: 06 Jan 2020 15:03

Tgt Ion: 49 Resp: 105453
Ion Ratio Lower Upper
49 100
129 2.1 0.0 2.0#
130 73.1 62.5 93.7





#29

Tetrahydrofuran

Concen: 99.043 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.00 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

Instrument :

MSVOA_W

ClientSampleId :

VW0106SBSD01

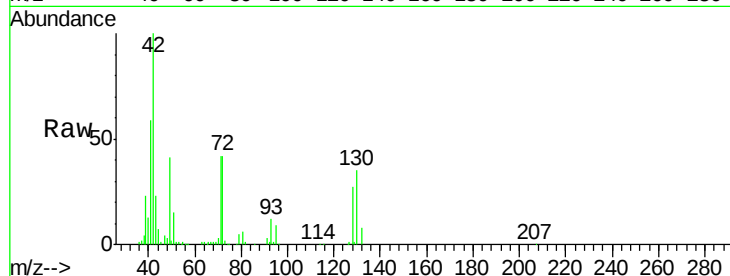
Tgt Ion: 42 Resp: 153287

Ion Ratio Lower Upper

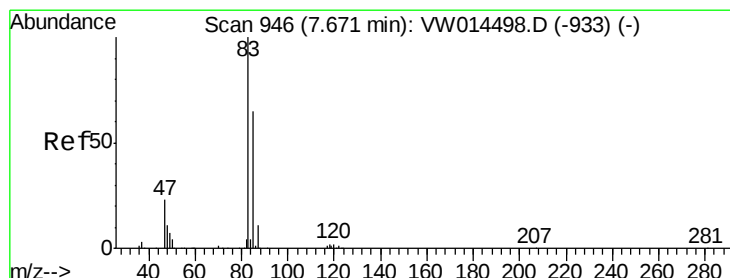
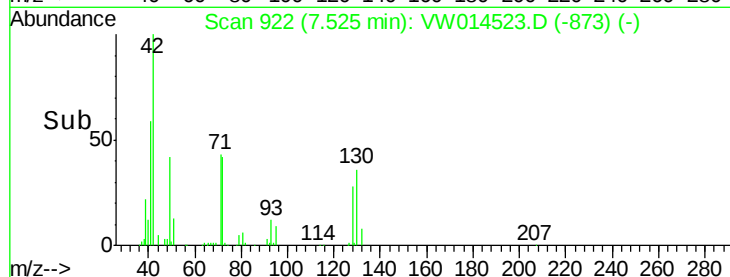
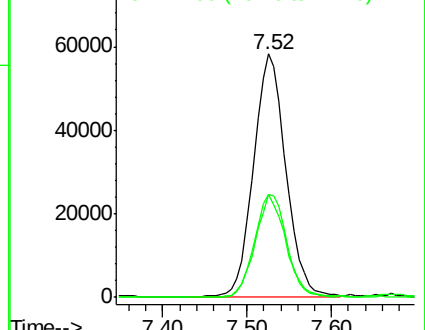
42 100

72 42.4 34.5 51.7

71 39.4 32.0 48.0



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



#30

Chloroform

Concen: 19.938 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.00 min

Lab File: VW014523.D

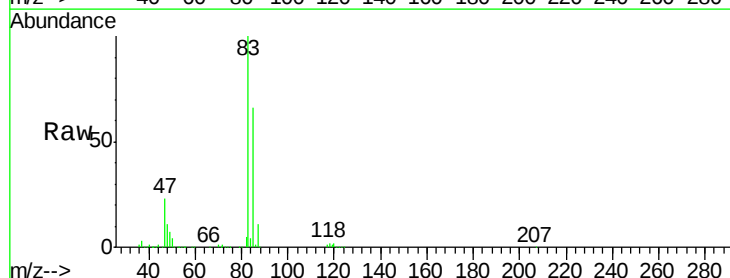
Acq: 06 Jan 2020 15:03

Tgt Ion: 83 Resp: 263970

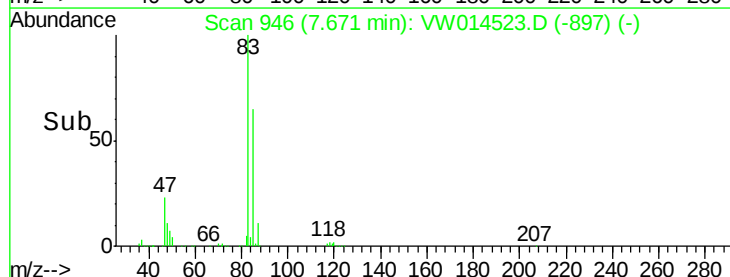
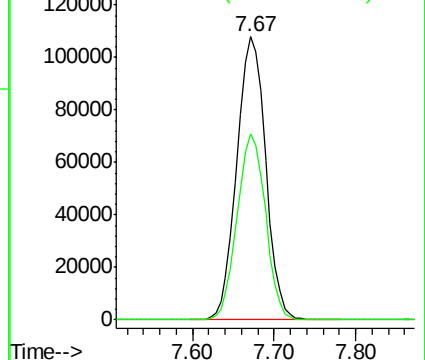
Ion Ratio Lower Upper

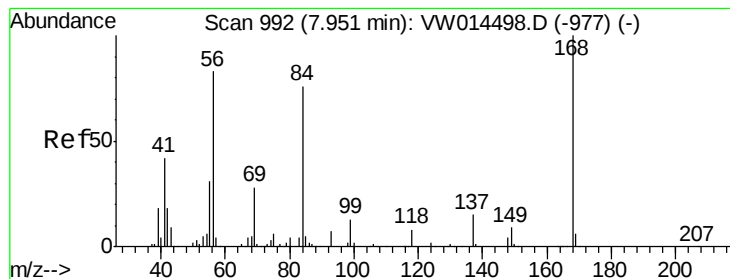
83 100

85 65.6 52.2 78.2



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





#31

Cyclohexane

Concen: 19.478 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

Instrument :

MSVOA_W

ClientSampleId :

VW0106SBS01

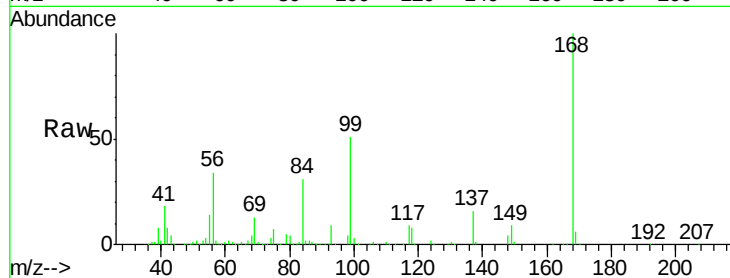
Tgt Ion: 56 Resp: 286597

Ion Ratio Lower Upper

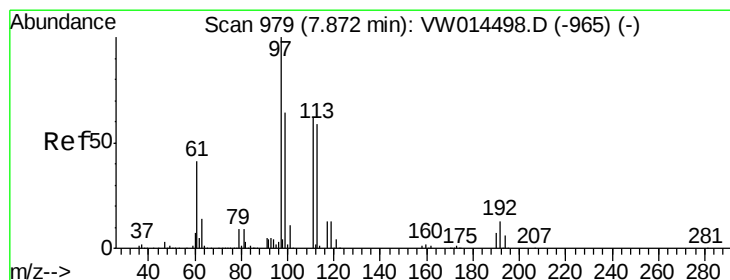
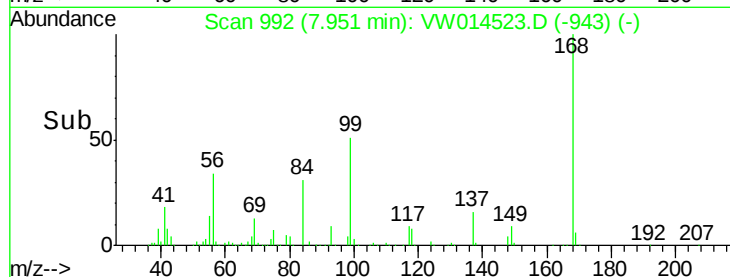
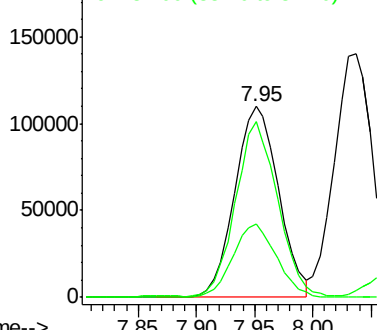
56 100

69 38.7 26.8 40.2

84 90.9 71.8 107.6



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



#32

1,1,1-Trichloroethane

Concen: 20.202 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

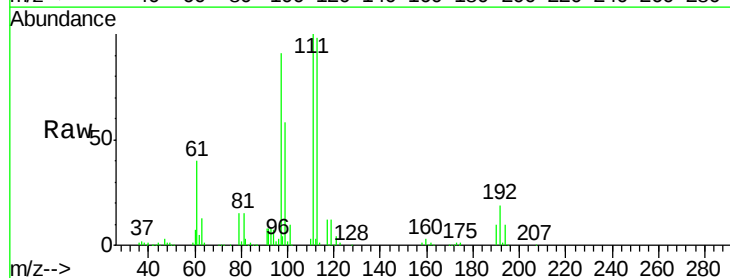
Tgt Ion: 97 Resp: 215117

Ion Ratio Lower Upper

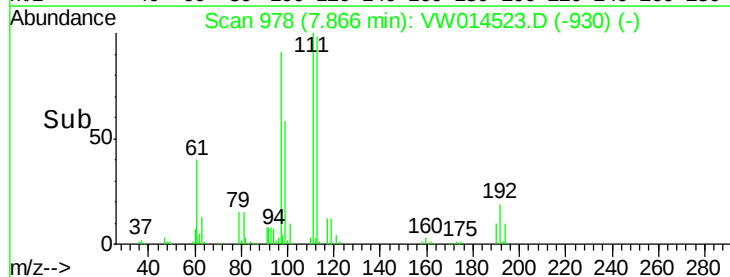
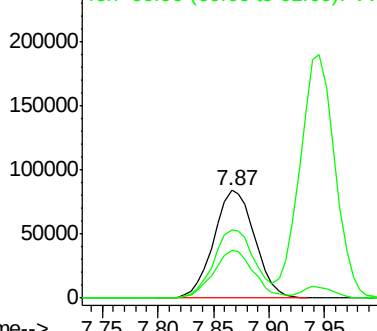
97 100

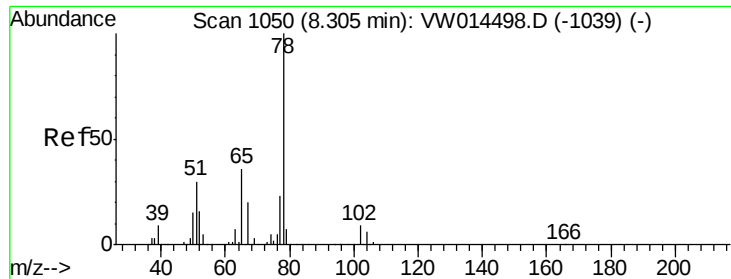
99 63.9 51.8 77.6

61 43.5 33.8 50.8



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





#33

1,2-Dichloroethane-d4

Concen: 50.592 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

Instrument :

MSVOA_W

ClientSampleId :

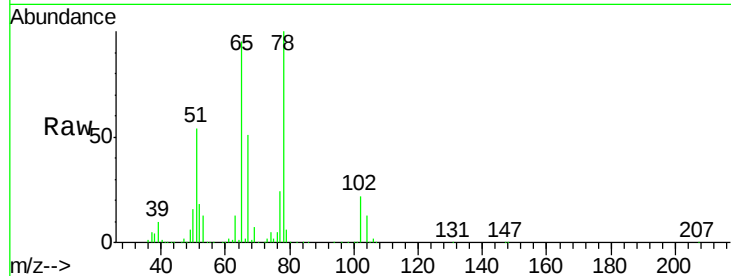
VW0106SBSD01

Tgt Ion: 65 Resp: 348787

Ion Ratio Lower Upper

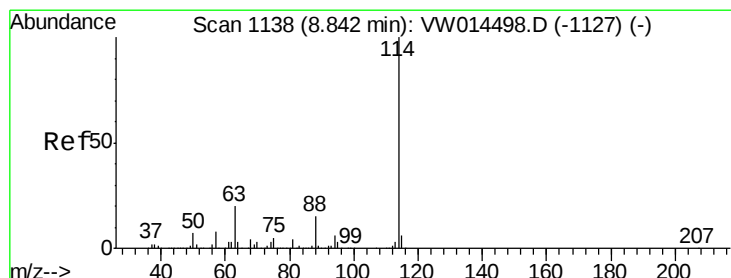
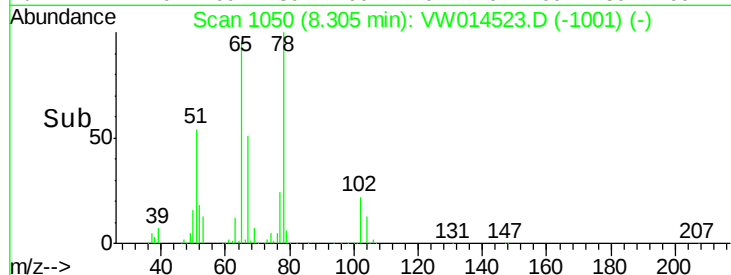
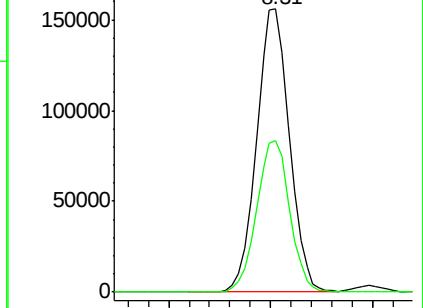
65 100

67 54.0 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

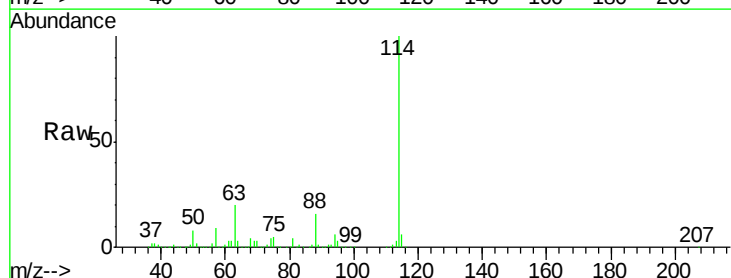
Tgt Ion: 114 Resp: 1180484

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.4

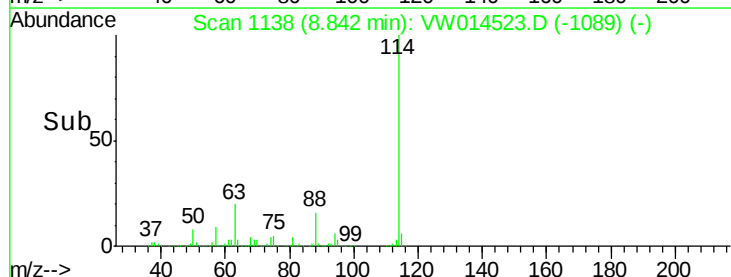
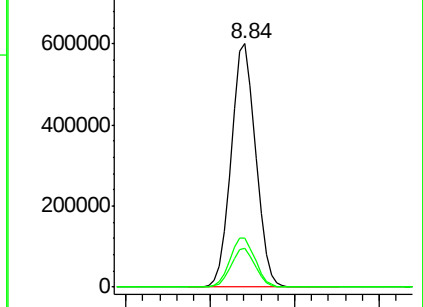
88 15.7 0.0 30.6

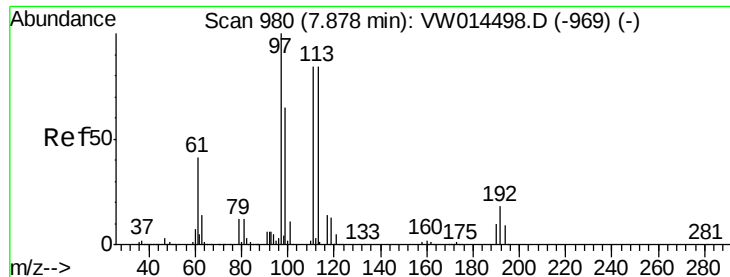


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 49.416 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

Instrument :

MSVOA_W

ClientSampleId :

VW0106SBSD01

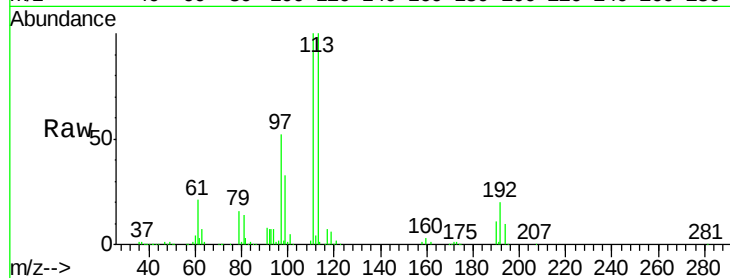
Tgt Ion:113 Resp: 333391

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.2

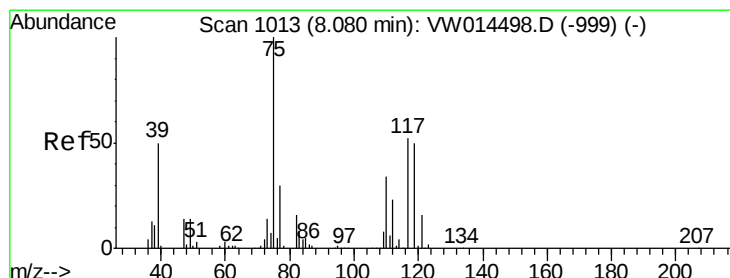
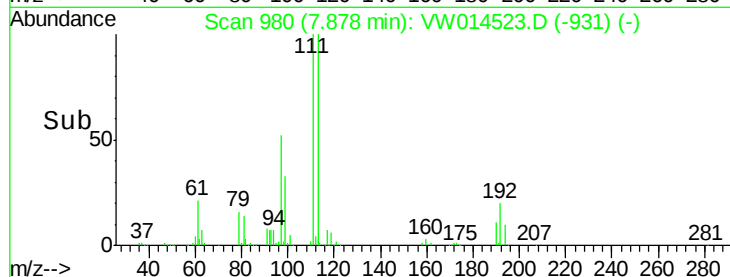
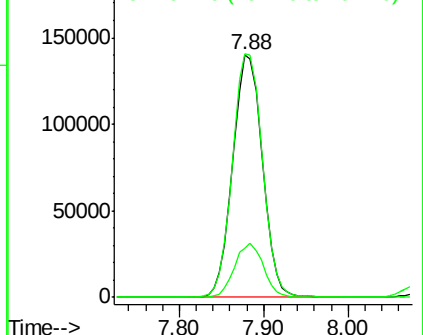
192 21.7 17.8 26.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.997 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

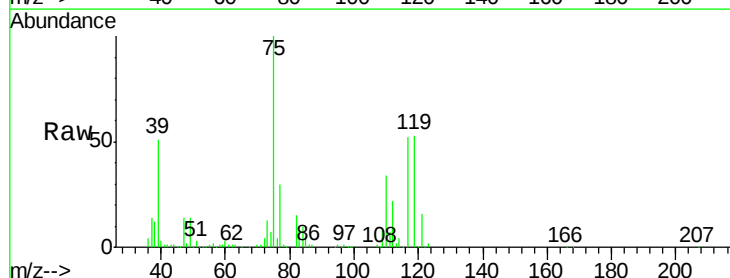
Tgt Ion: 75 Resp: 227575

Ion Ratio Lower Upper

75 100

110 34.9 17.8 53.5

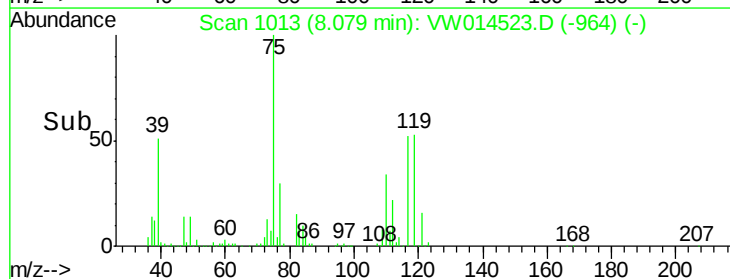
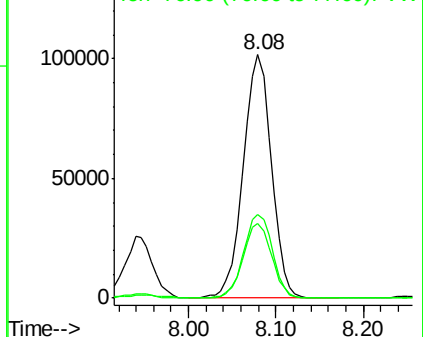
77 31.2 24.7 37.1

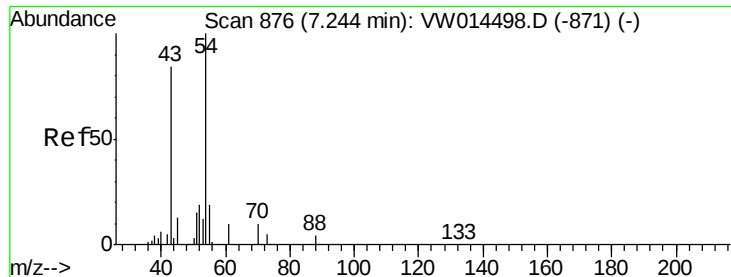


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

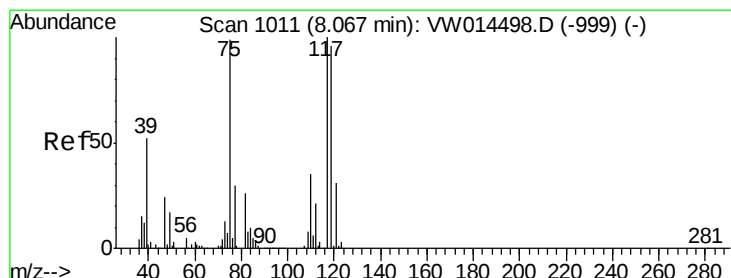
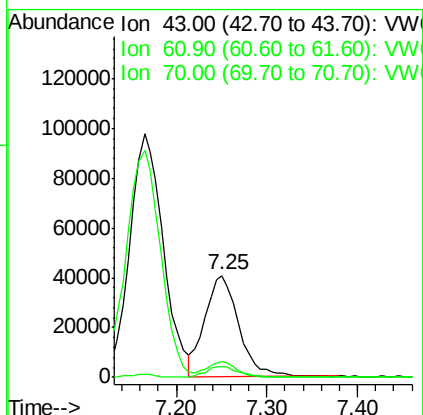
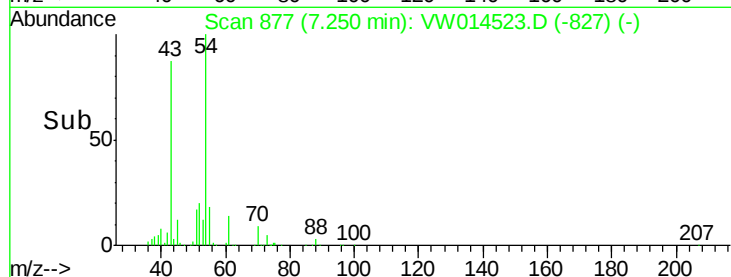
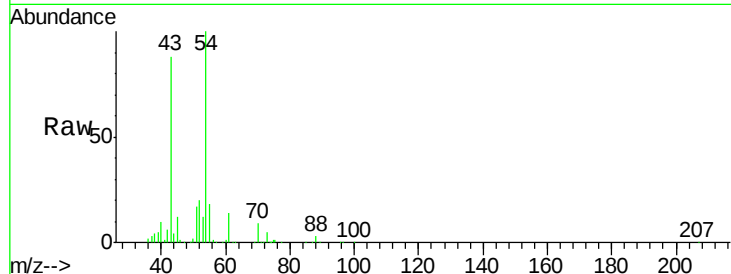




#37
Ethyl Acetate
Concen: 20.620 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: VW014523.D
Acq: 06 Jan 2020 15:03

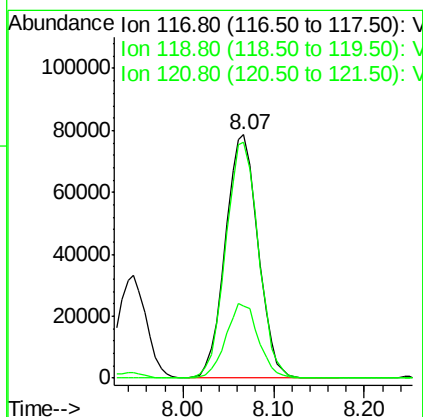
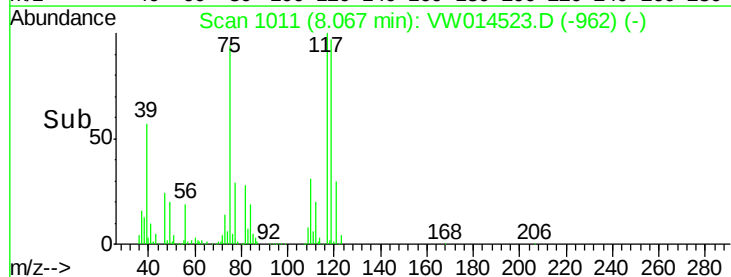
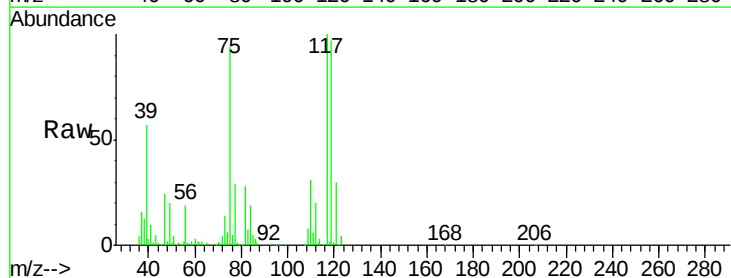
Instrument :
MSVOA_W
ClientSampleId :
VW0106SBSD01

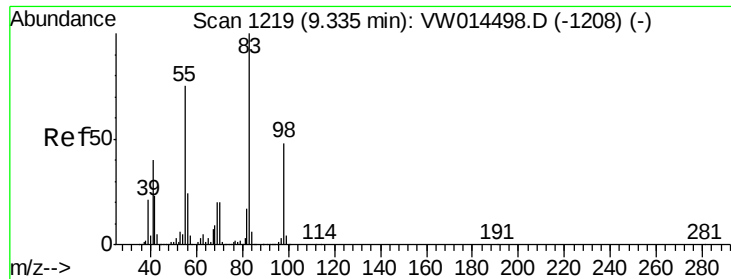
Tgt Ion: 43 Resp: 106428
Ion Ratio Lower Upper
43 100
61 14.2 11.7 17.5
70 10.5 9.0 13.6



#38
Carbon Tetrachloride
Concen: 19.946 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW014523.D
Acq: 06 Jan 2020 15:03

Tgt Ion: 117 Resp: 196931
Ion Ratio Lower Upper
117 100
119 96.8 77.0 115.6
121 29.8 24.6 36.8

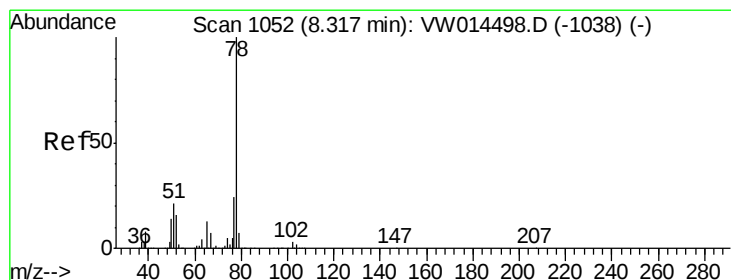
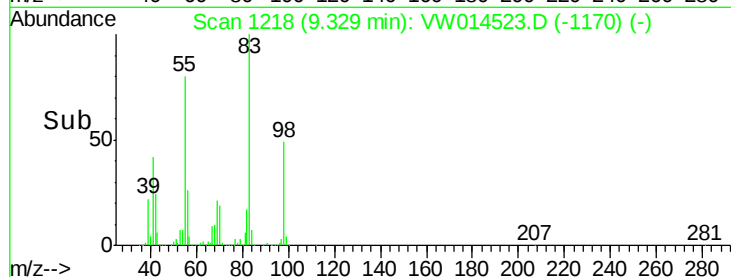
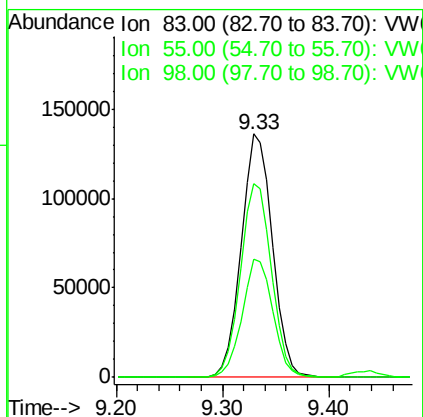
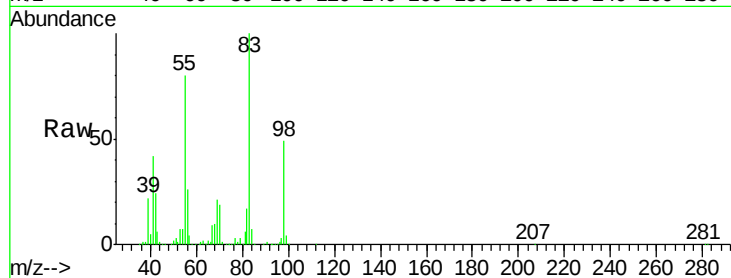




#39
Methylcyclohexane
Concen: 19.190 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW014523.D
Acq: 06 Jan 2020 15:03

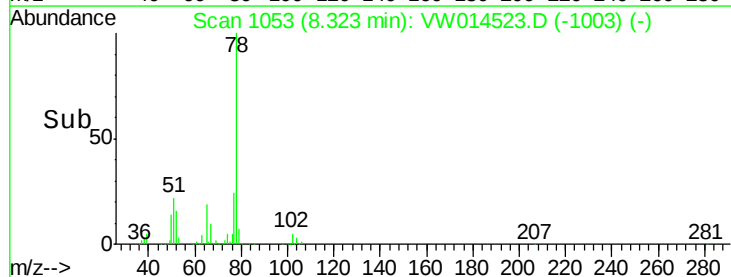
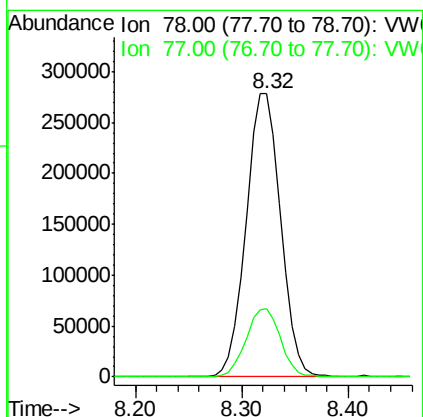
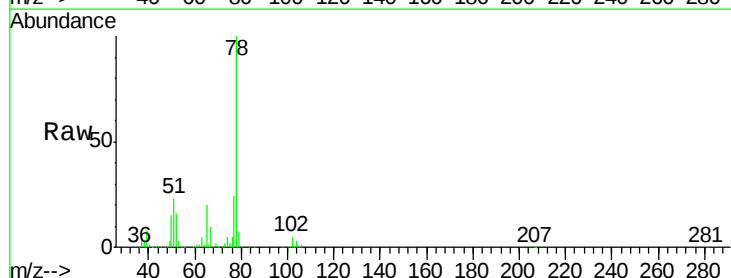
Instrument :
MSVOA_W
ClientSampleId :
VW0106SBSD01

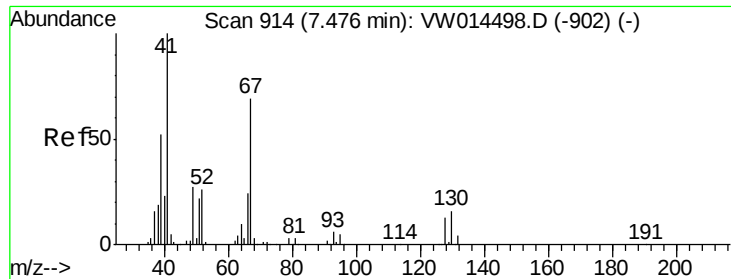
Tgt Ion: 83 Resp: 280266
Ion Ratio Lower Upper
83 100
55 79.6 60.1 90.1
98 48.7 38.8 58.2



#40
Benzene
Concen: 19.728 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VW014523.D
Acq: 06 Jan 2020 15:03

Tgt Ion: 78 Resp: 635238
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9

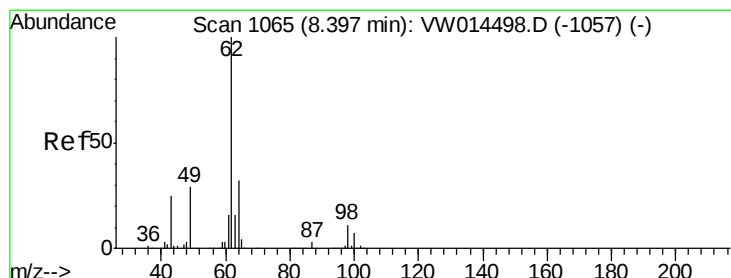
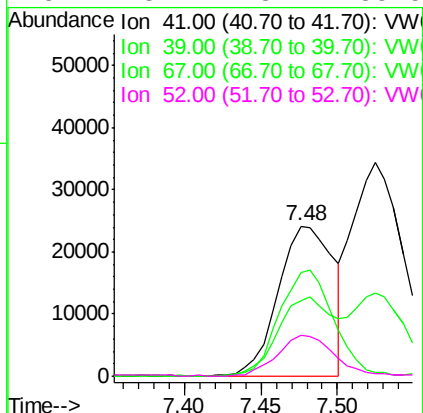
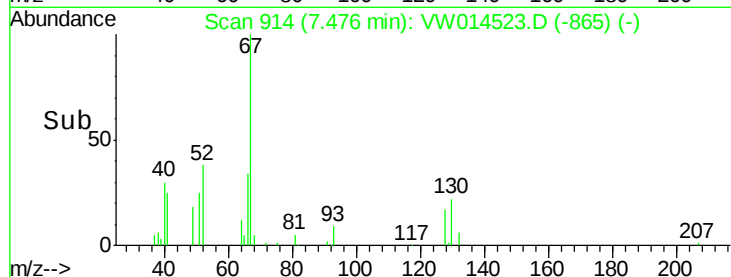
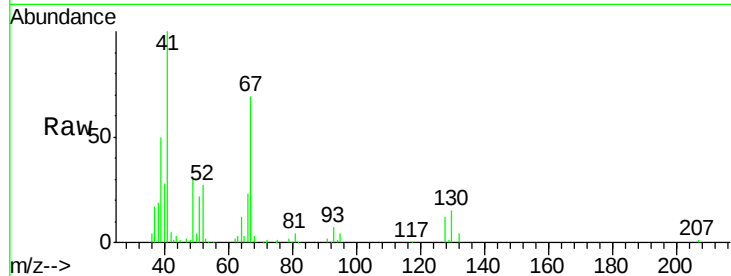




#41
Methacrylonitrile
Concen: 21.036 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.00 min
Lab File: VW014523.D
Acq: 06 Jan 2020 15:03

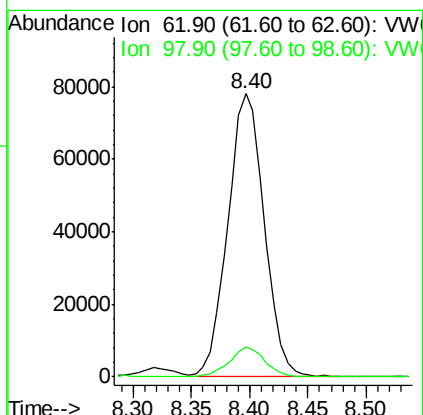
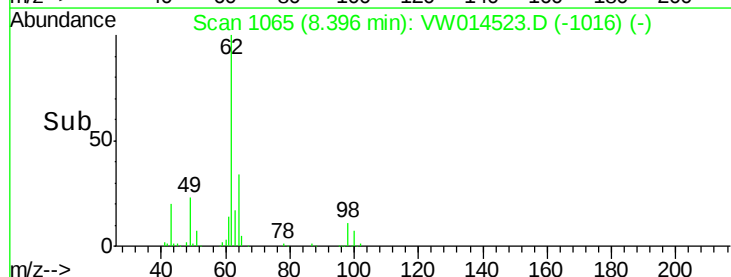
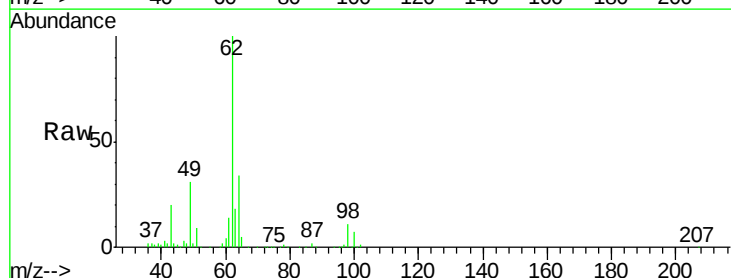
Instrument :
MSVOA_W
ClientSampleId :
VW0106SBSD01

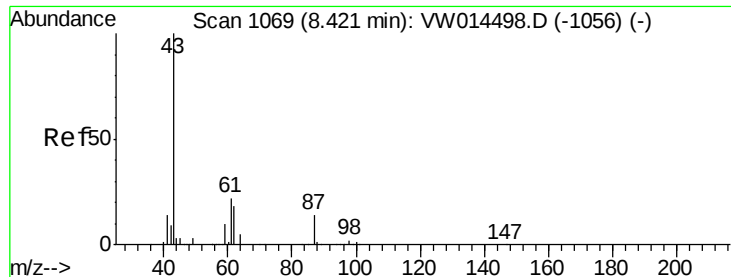
Tgt Ion:	41	Resp:	60524
Ion	Ratio	Lower	Upper
41	100		
39	52.3	46.0	69.0
67	70.0	60.8	91.2
52	28.4	23.7	35.5



#42
1,2-Dichloroethane
Concen: 20.281 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW014523.D
Acq: 06 Jan 2020 15:03

Tgt Ion:	62	Resp:	169467
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	22.0





#43

Isopropyl Acetate

Concen: 19.738 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

Instrument :

MSVOA_W

ClientSampleId :

VW0106SBSD01

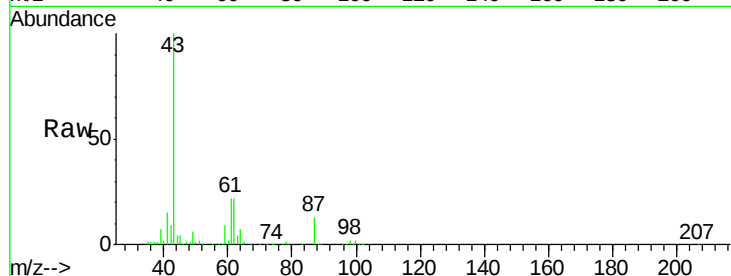
Tgt Ion: 43 Resp: 184990

Ion Ratio Lower Upper

43 100

61 31.4 24.7 37.1

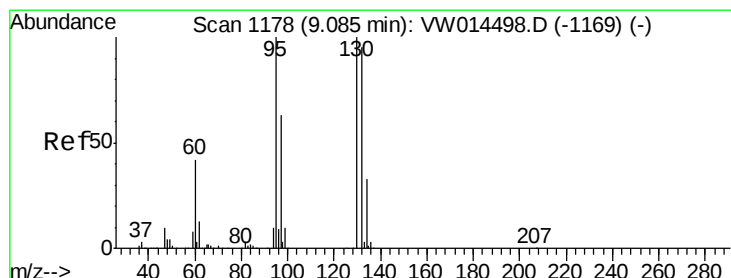
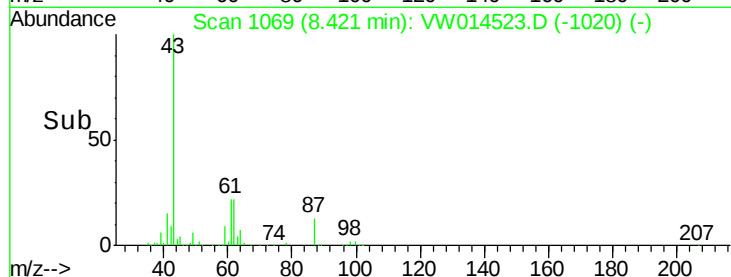
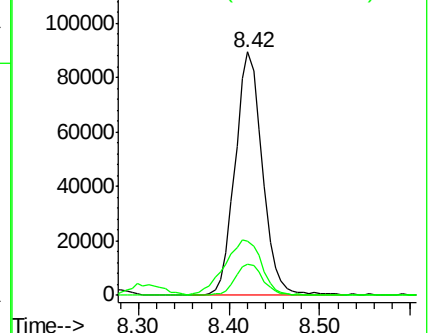
87 13.1 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 19.311 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW014523.D

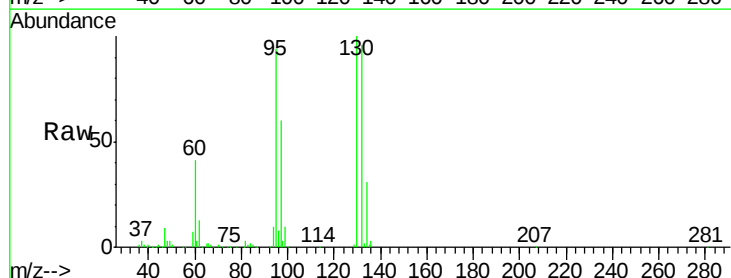
Acq: 06 Jan 2020 15:03

Tgt Ion: 130 Resp: 168257

Ion Ratio Lower Upper

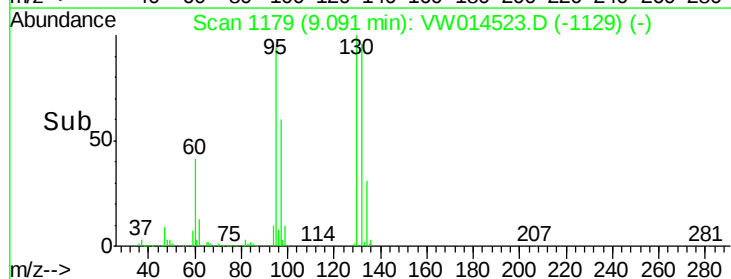
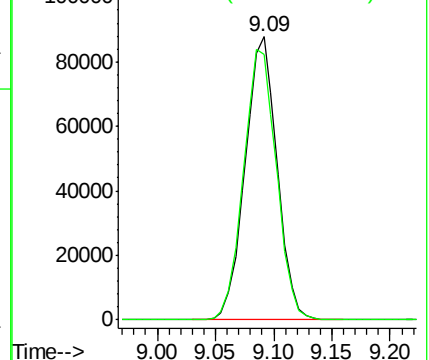
130 100

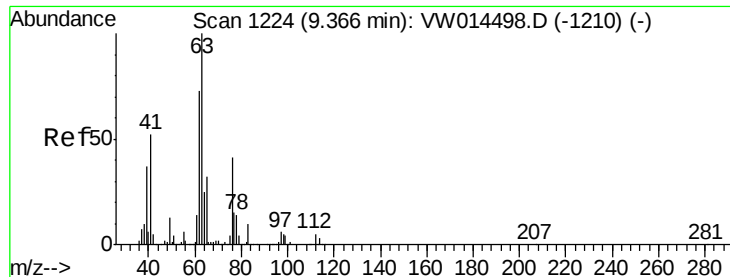
95 94.0 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 19.774 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

Instrument :

MSVOA_W

ClientSampleId :

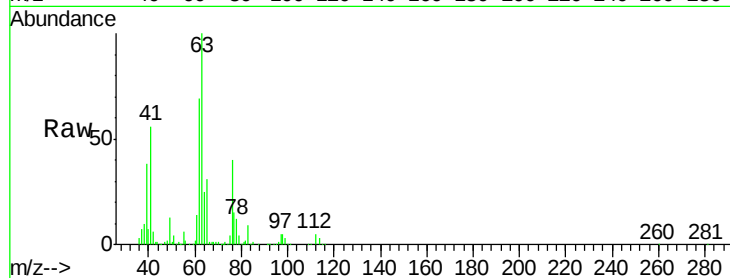
VW0106SBSD01

Tgt Ion: 63 Resp: 156244

Ion Ratio Lower Upper

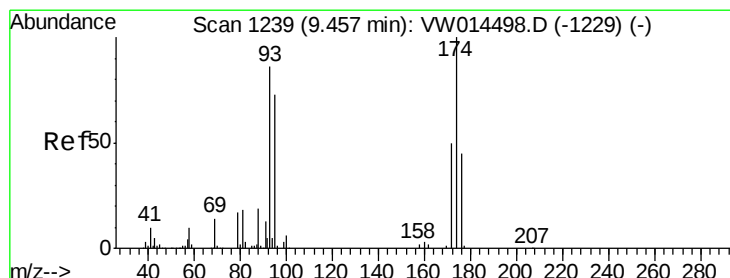
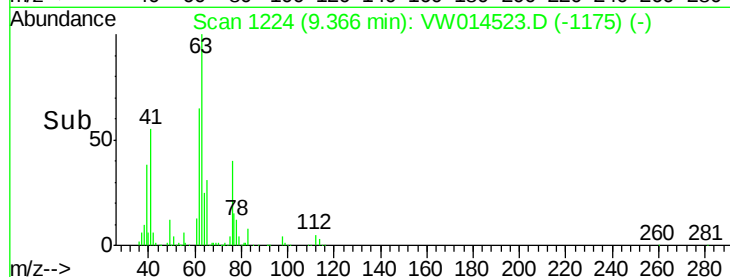
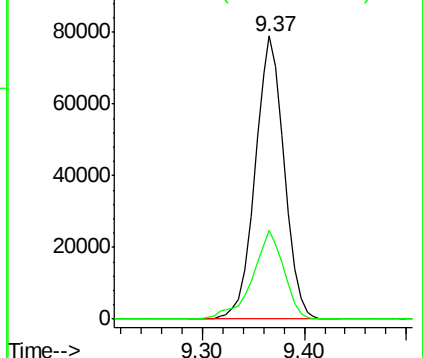
63 100

65 31.2 25.6 38.4



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 19.895 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

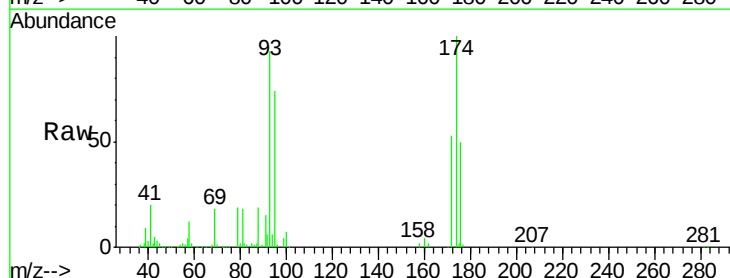
Tgt Ion: 93 Resp: 77602

Ion Ratio Lower Upper

93 100

95 83.1 66.4 99.6

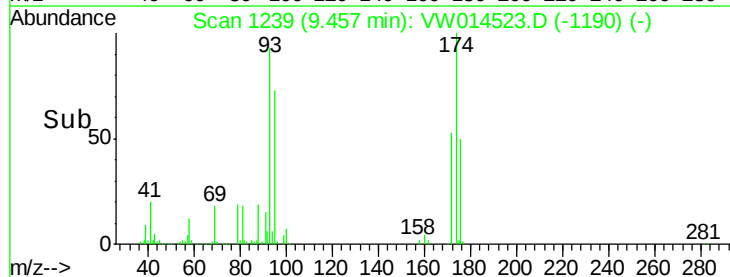
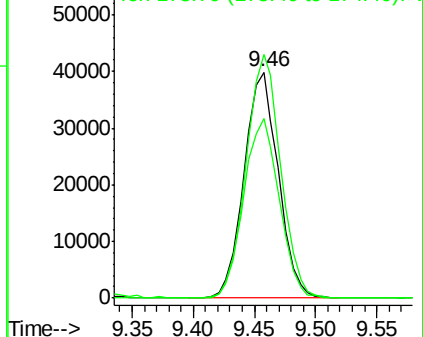
174 108.7 89.1 133.7

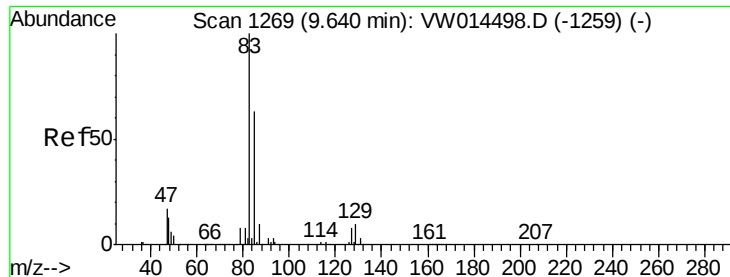


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.005 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

Instrument :

MSVOA_W

ClientSampleId :

VW0106SBSD01

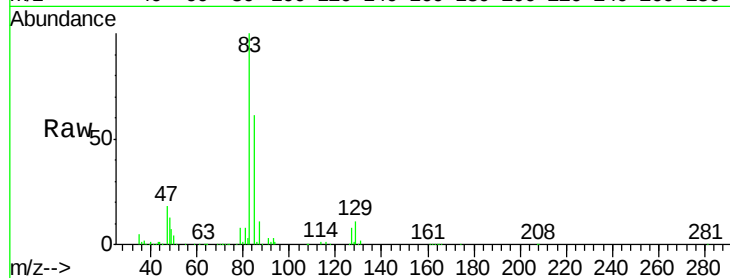
Tgt Ion: 83 Resp: 192651

Ion Ratio Lower Upper

83 100

85 61.2 50.6 76.0

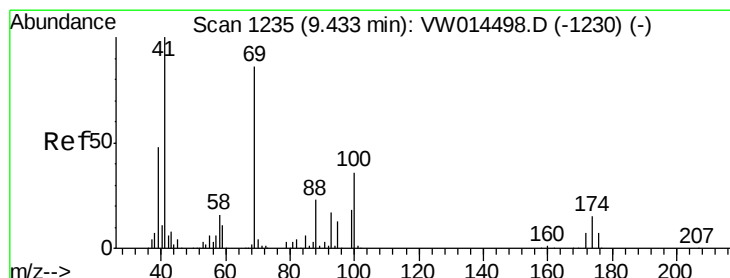
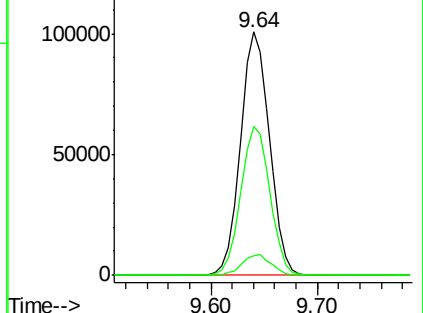
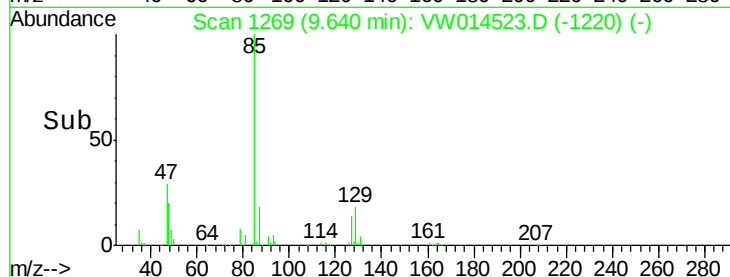
127 8.3 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.773 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

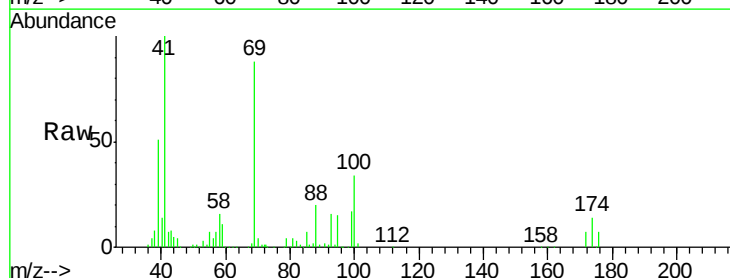
Tgt Ion: 41 Resp: 90483

Ion Ratio Lower Upper

41 100

69 85.0 68.3 102.5

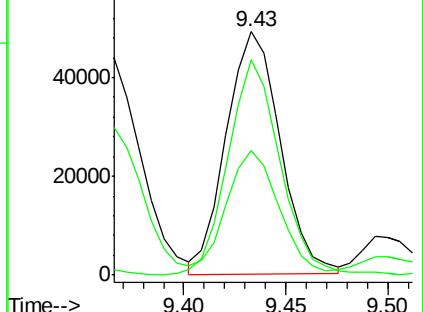
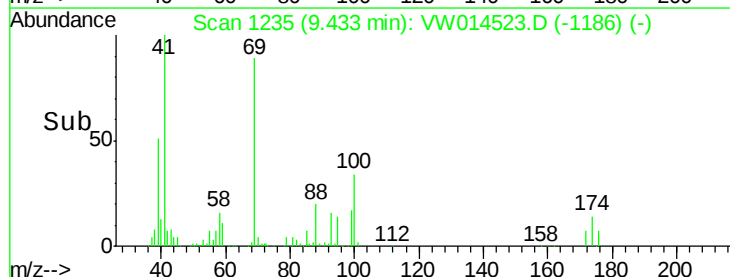
39 45.9 36.8 55.2

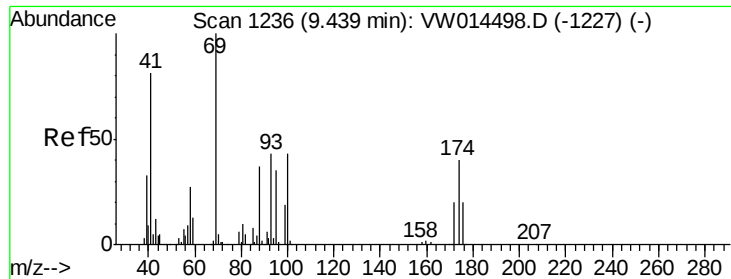


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 397.966 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.01 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

Instrument :

MSVOA_W

ClientSampleId :

VW0106SBS01

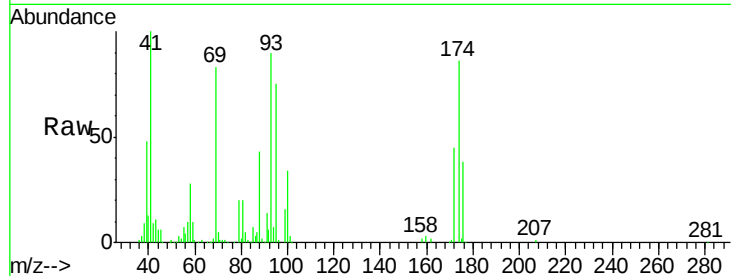
Tgt Ion: 88 Resp: 29034

Ion Ratio Lower Upper

88 100

43 29.5 24.9 37.3

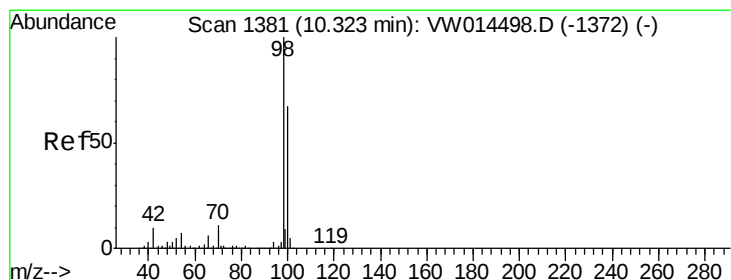
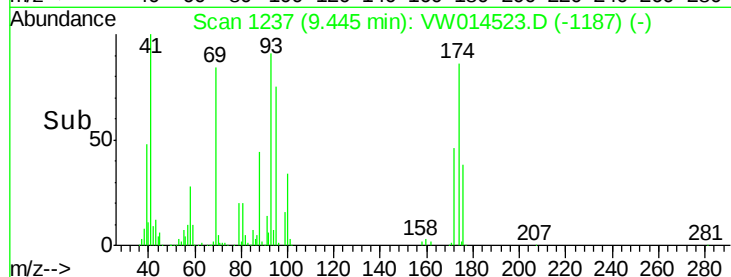
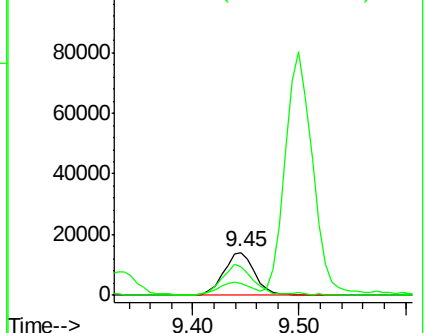
58 70.2 56.9 85.3



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 49.049 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW014523.D

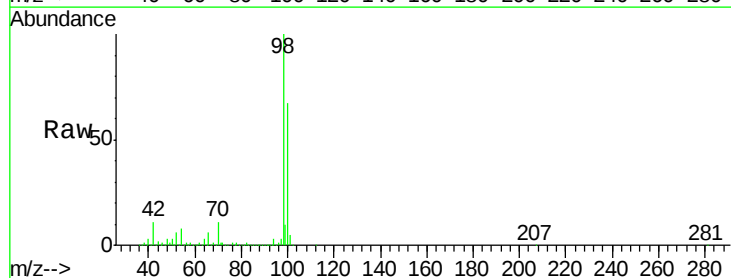
Acq: 06 Jan 2020 15:03

Tgt Ion: 98 Resp: 1380996

Ion Ratio Lower Upper

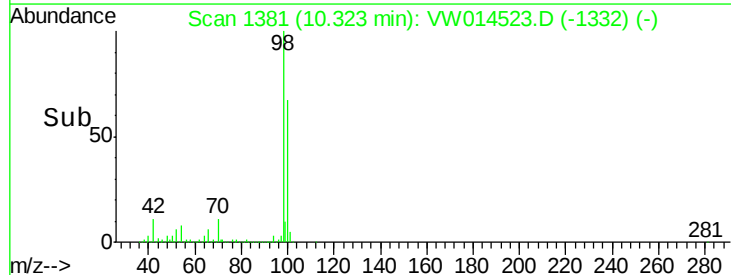
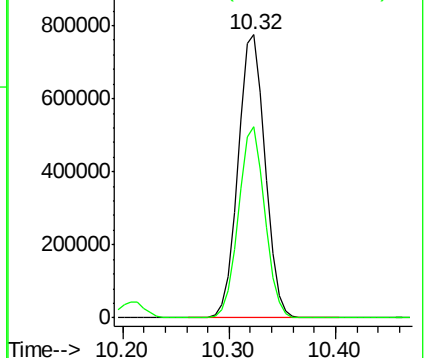
98 100

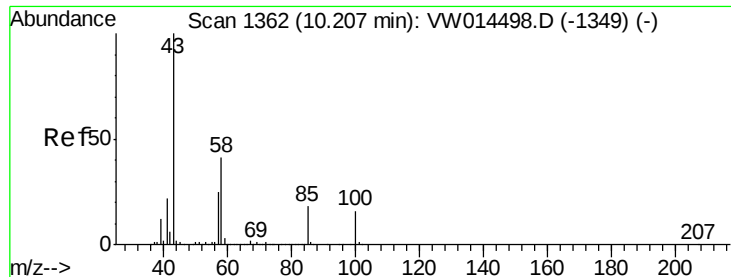
100 65.9 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

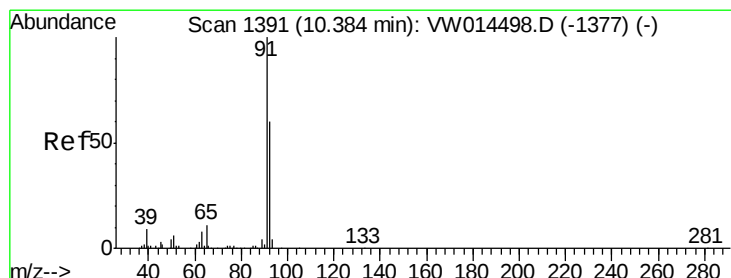
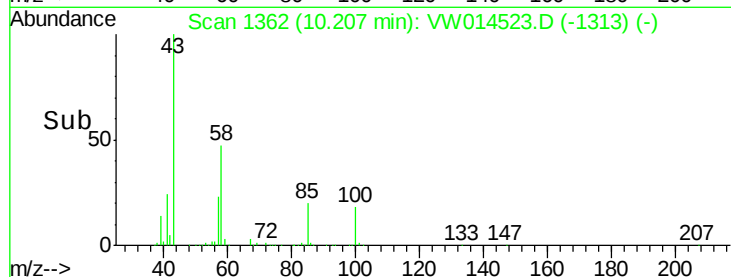
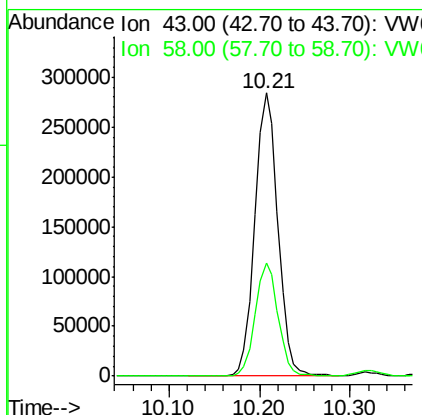
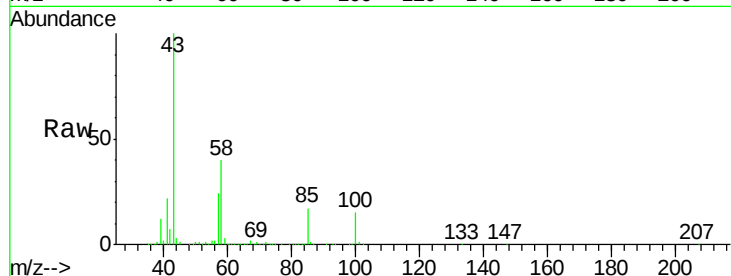




#51
 4-Methyl-2-Pentanone
 Concen: 102.499 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW014523.D
 Acq: 06 Jan 2020 15:03

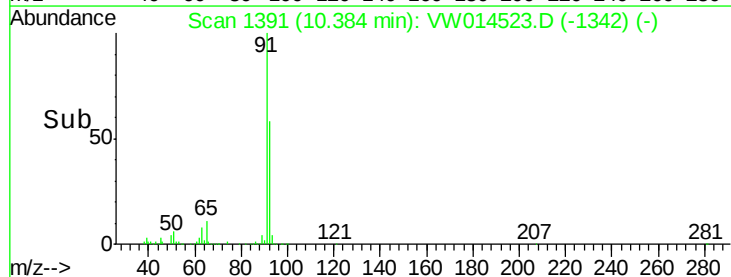
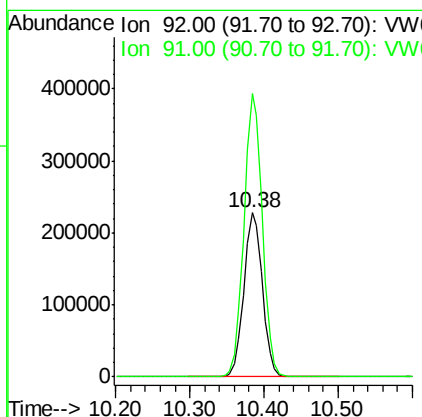
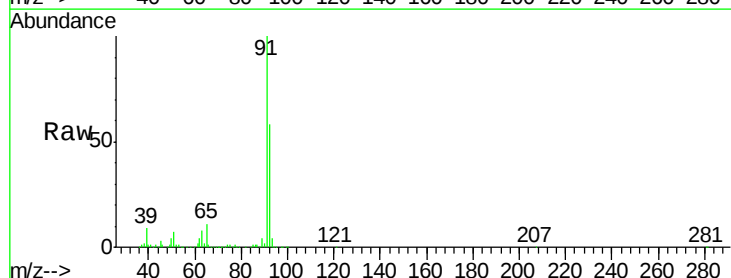
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0106SBSD01

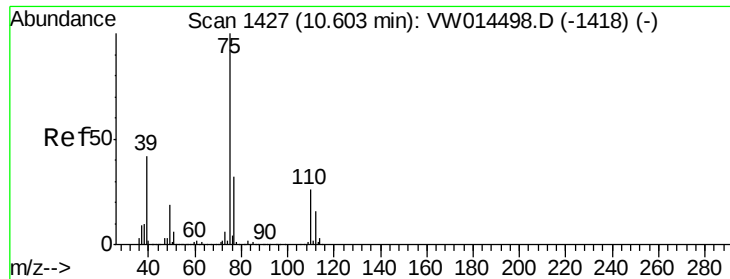
Tgt Ion: 43 Resp: 498880
 Ion Ratio Lower Upper
 43 100
 58 39.7 32.7 49.1



#52
 Toluene
 Concen: 19.651 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW014523.D
 Acq: 06 Jan 2020 15:03

Tgt Ion: 92 Resp: 398076
 Ion Ratio Lower Upper
 92 100
 91 171.1 134.1 201.1





#53

t-1,3-Dichloropropene

Concen: 19.494 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

Instrument :

MSVOA_W

ClientSampleId :

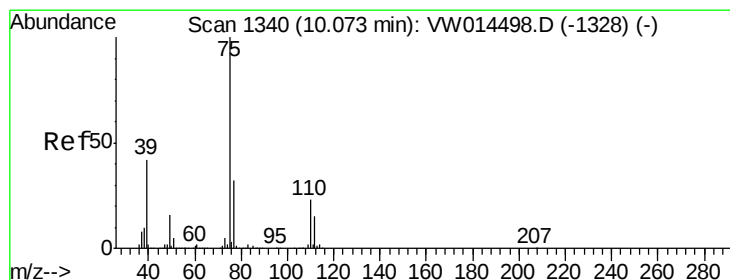
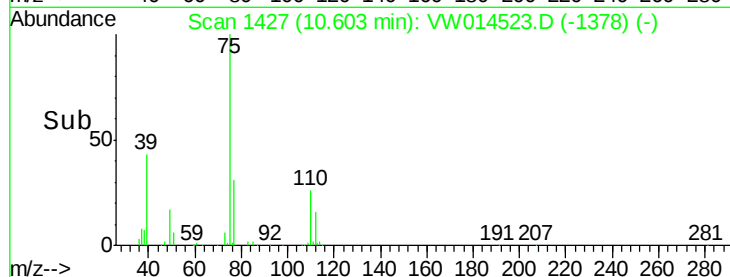
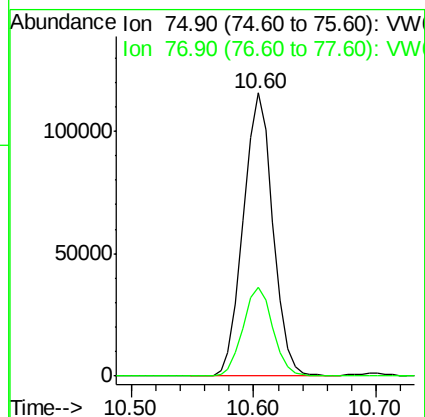
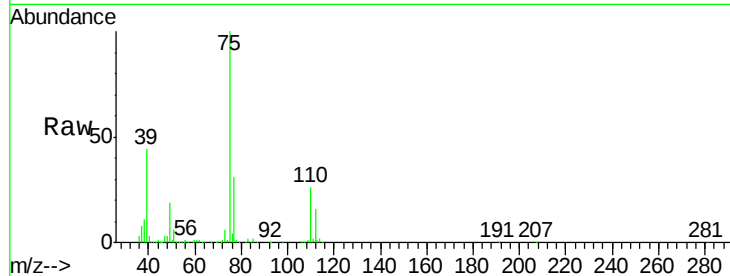
VW0106SBSD01

Tgt Ion: 75 Resp: 194377

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 19.423 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

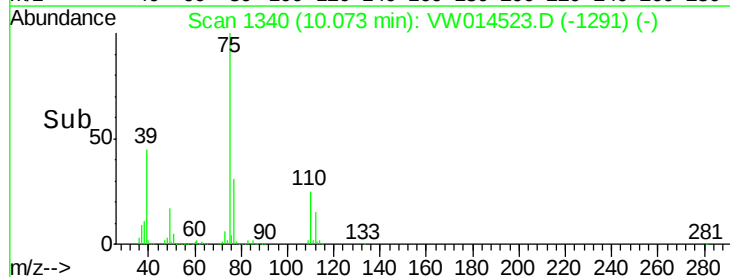
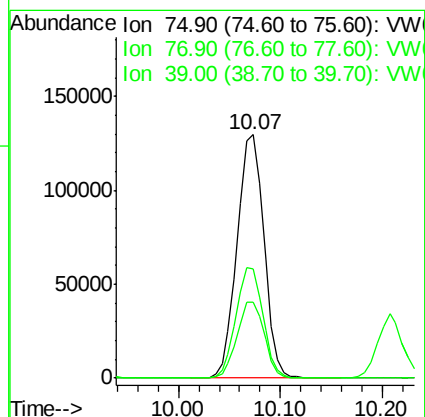
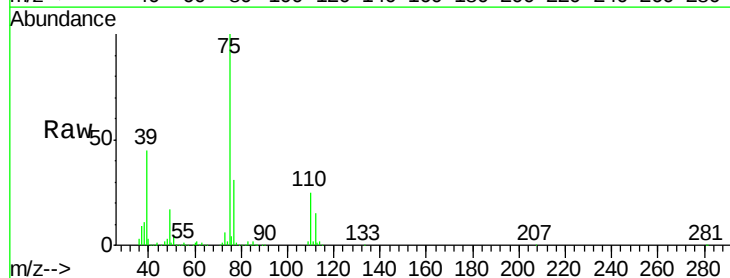
Tgt Ion: 75 Resp: 236689

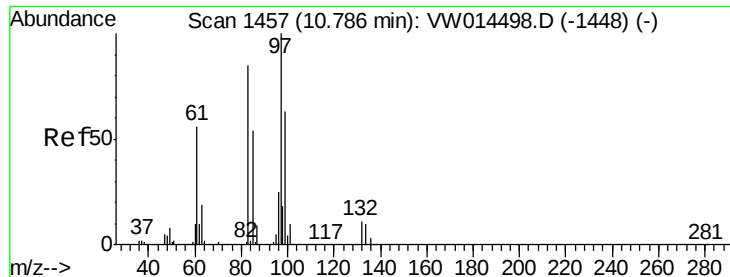
Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0

39 44.6 33.4 50.2

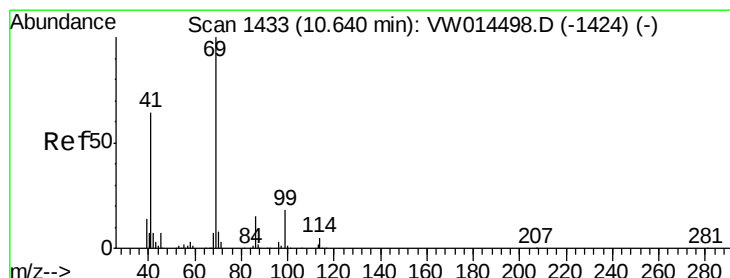
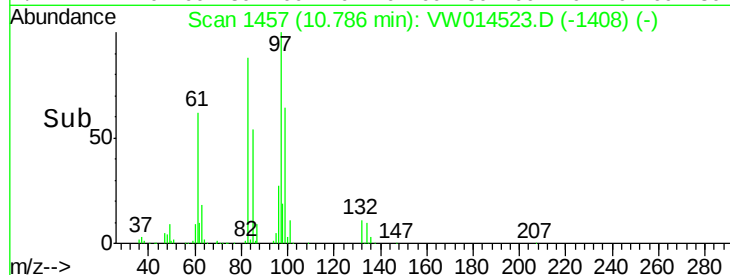
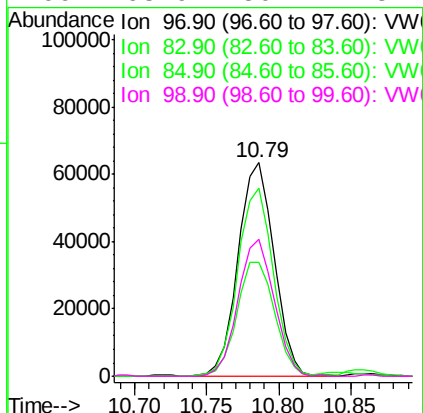
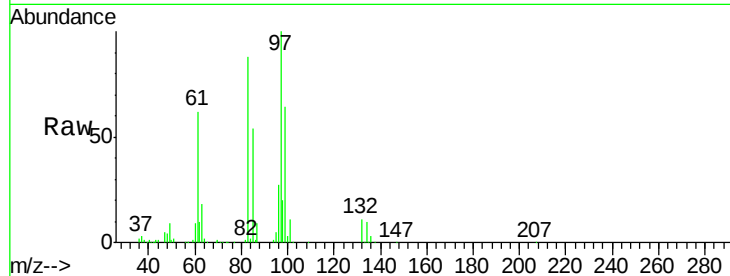




#55
 1,1,2-Trichloroethane
 Concen: 19.396 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW014523.D
 Acq: 06 Jan 2020 15:03

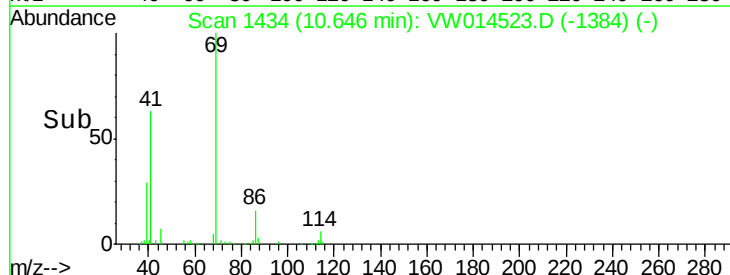
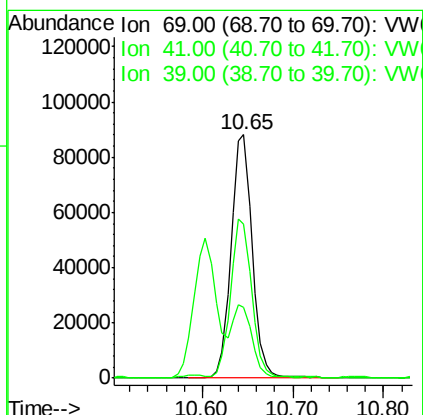
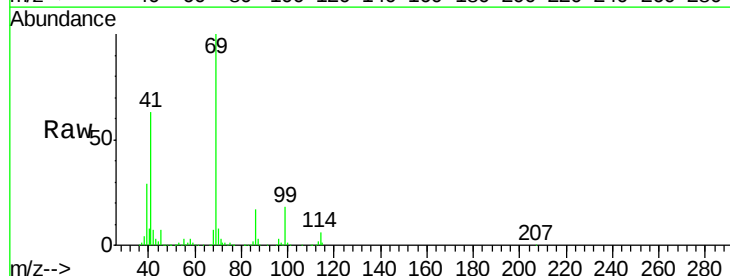
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0106SBSD01

Tgt Ion:	97	Resp:	110498
Ion	Ratio	Lower	Upper
97	100		
83	87.8	68.2	102.4
85	53.5	43.0	64.4
99	63.9	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 19.491 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: VW014523.D
 Acq: 06 Jan 2020 15:03

Tgt Ion:	69	Resp:	144302
Ion	Ratio	Lower	Upper
69	100		
41	64.3	51.3	76.9
39	27.1	21.0	31.6





#57

1,3-Dichloropropane

Concen: 19.864 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

Instrument :

MSVOA_W

ClientSampled :

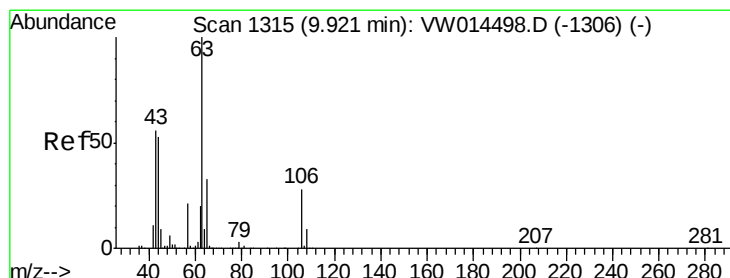
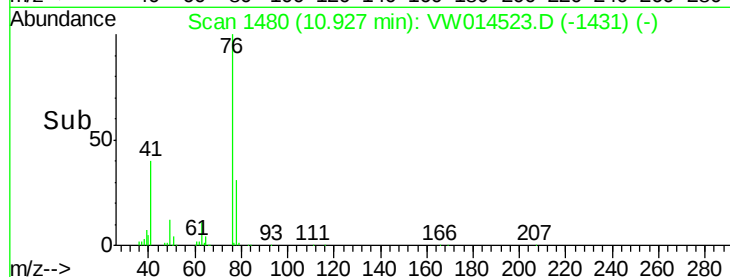
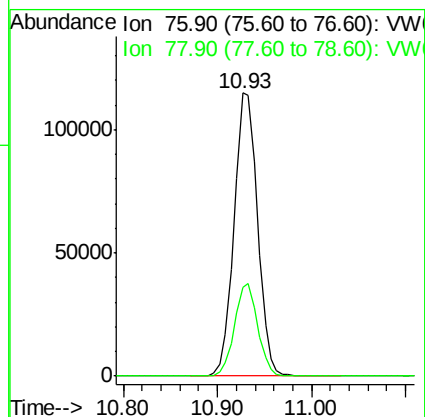
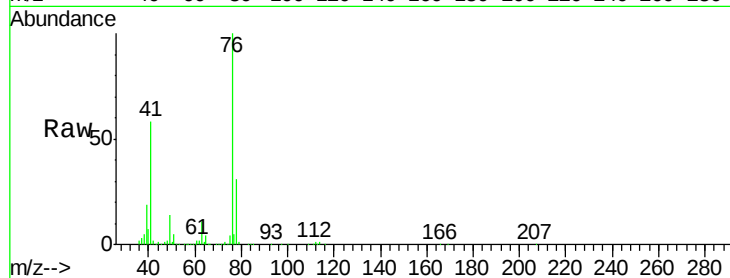
VW0106SBS01

Tgt Ion: 76 Resp: 198887

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 94.124 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW014523.D

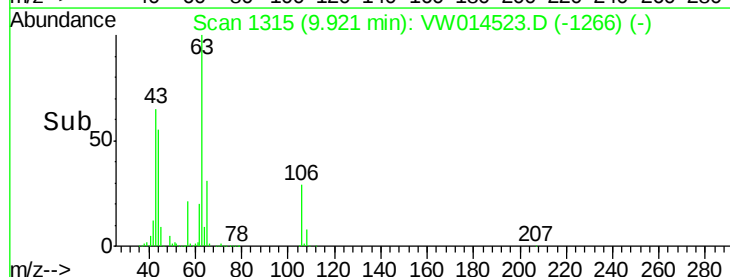
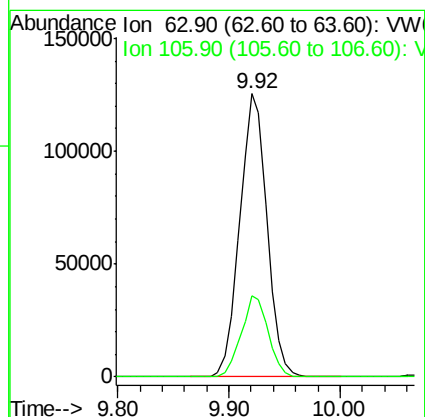
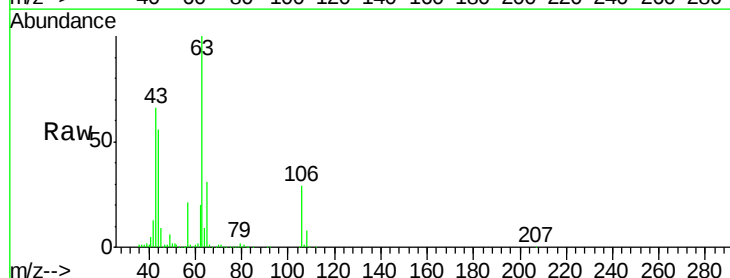
Acq: 06 Jan 2020 15:03

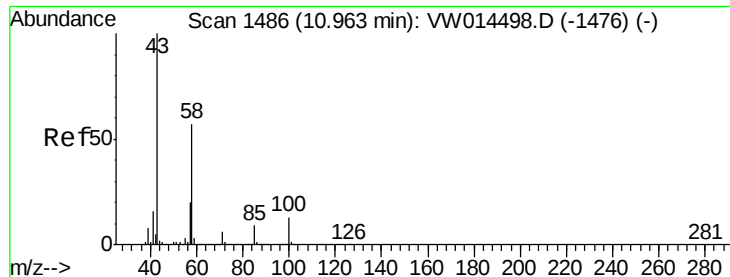
Tgt Ion: 63 Resp: 211938

Ion Ratio Lower Upper

63 100

106 28.4 23.0 34.6

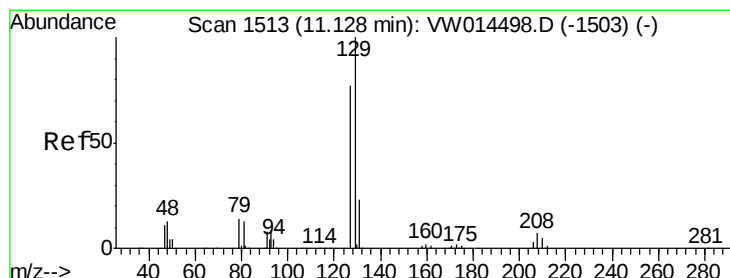
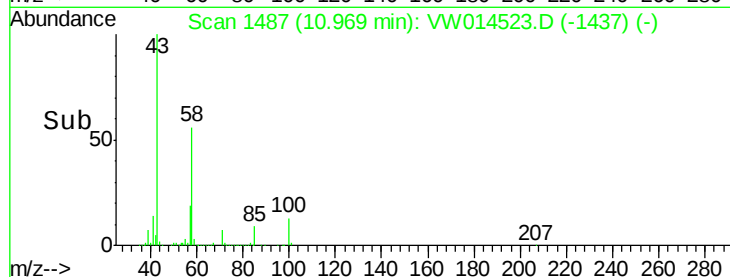
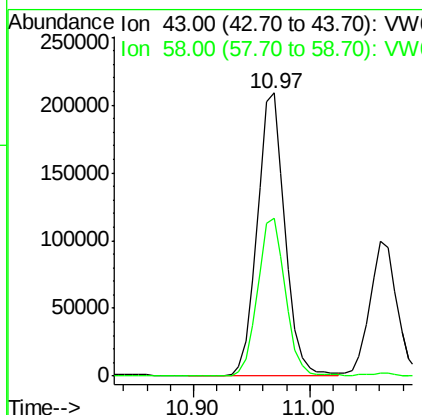
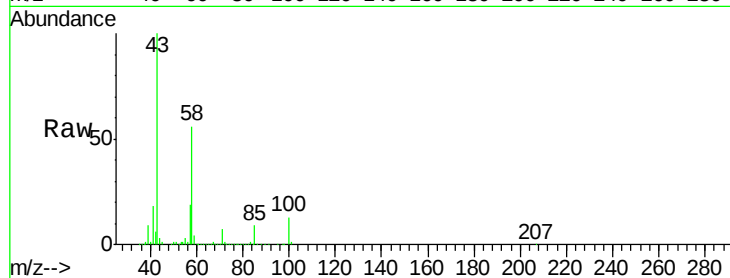




#59
2-Hexanone
Concen: 103.398 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.01 min
Lab File: VW014523.D
Acq: 06 Jan 2020 15:03

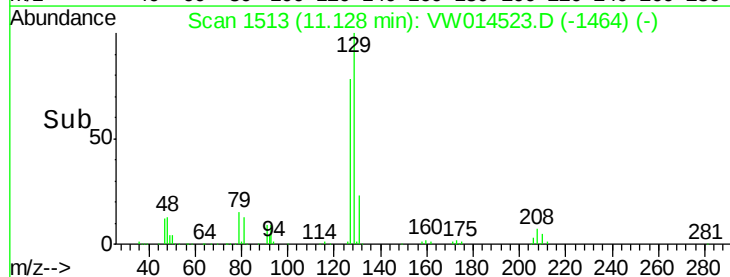
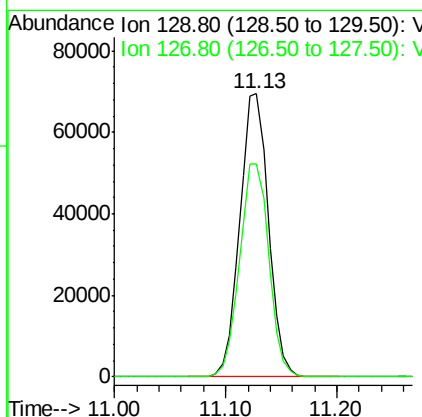
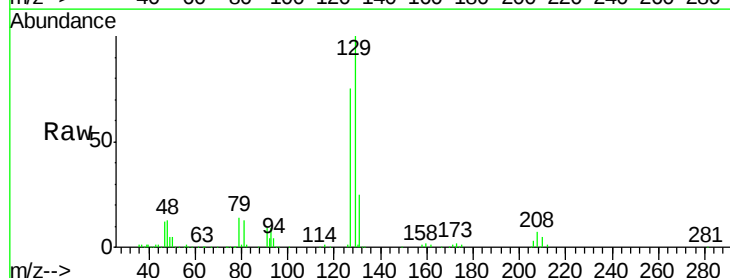
Instrument :
MSVOA_W
ClientSampleId :
VW0106SBSD01

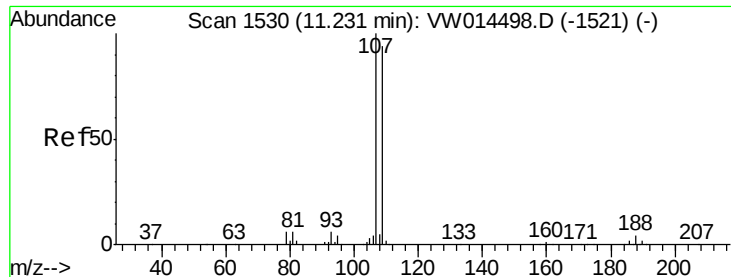
Tgt Ion: 43 Resp: 346786
Ion Ratio Lower Upper
43 100
58 56.0 28.7 86.3



#60
Dibromochloromethane
Concen: 19.319 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW014523.D
Acq: 06 Jan 2020 15:03

Tgt Ion: 129 Resp: 124177
Ion Ratio Lower Upper
129 100
127 76.9 38.1 114.5

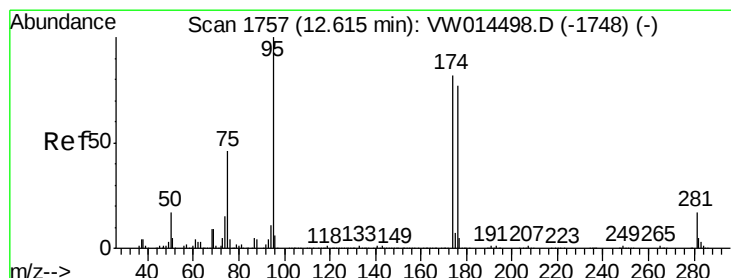
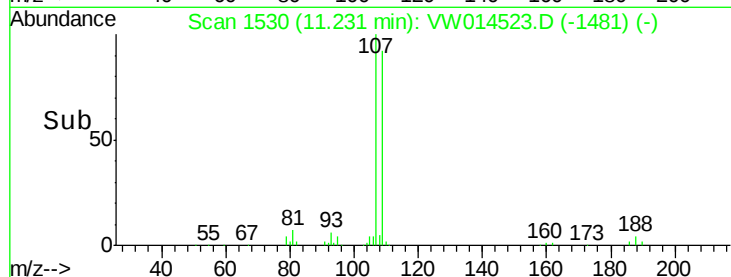
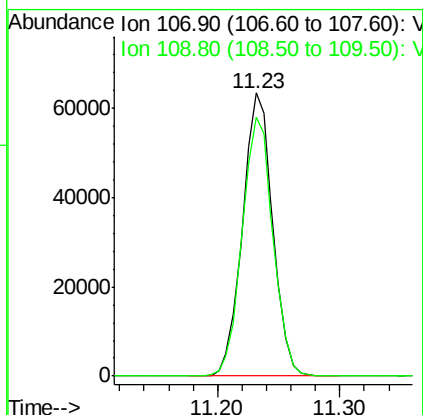
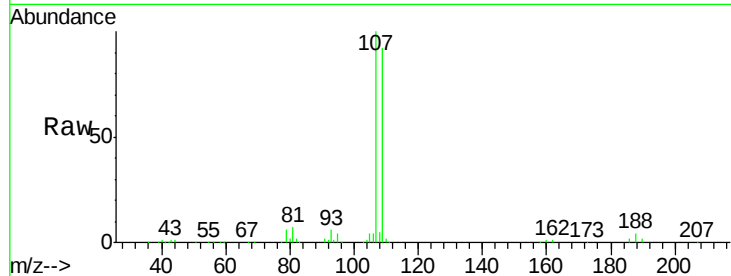




#61
 1,2-Dibromoethane
 Concen: 20.019 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW014523.D
 Acq: 06 Jan 2020 15:03

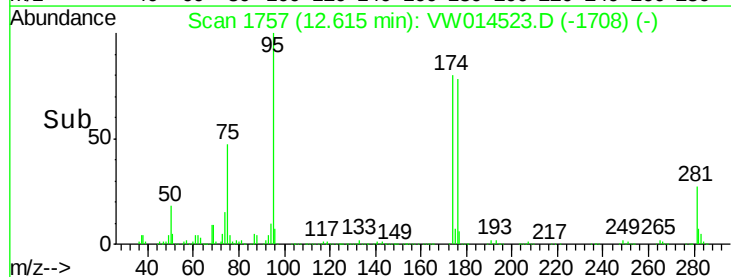
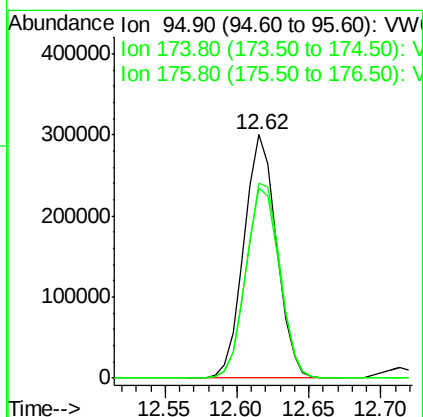
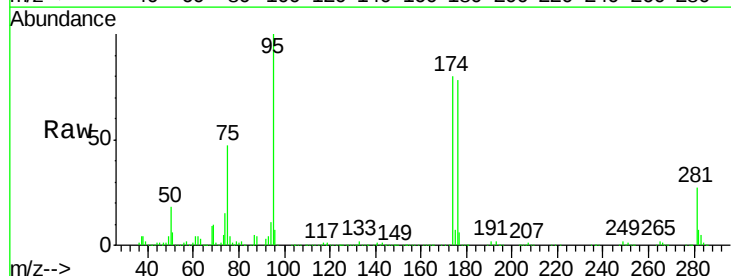
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0106SBSD01

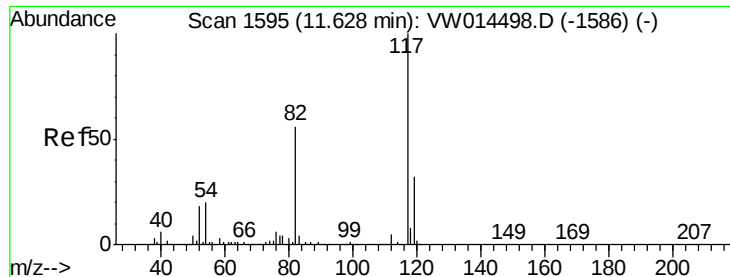
Tgt Ion: 107 Resp: 108252
 Ion Ratio Lower Upper
 107 100
 109 93.6 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 49.194 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW014523.D
 Acq: 06 Jan 2020 15:03

Tgt Ion: 95 Resp: 469802
 Ion Ratio Lower Upper
 95 100
 174 82.9 0.0 168.6
 176 80.7 0.0 162.0

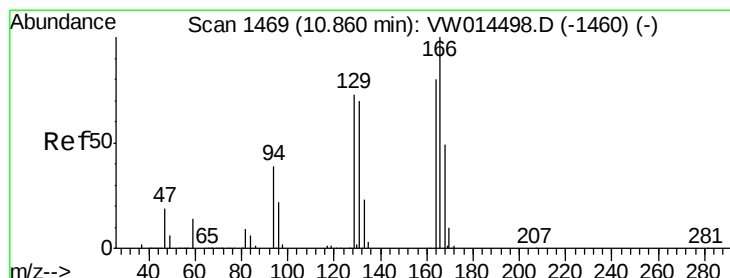
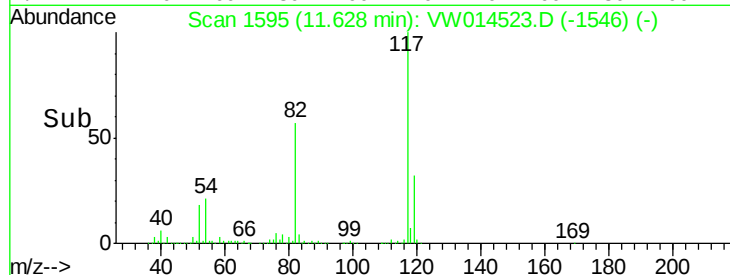
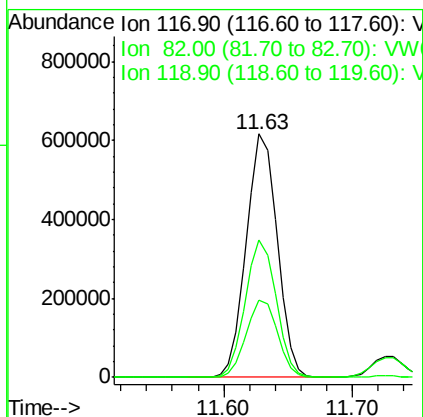
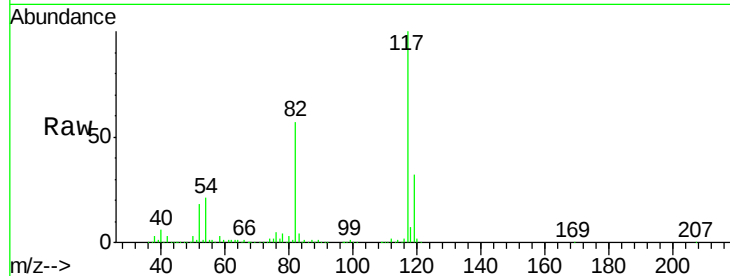




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014523.D
Acq: 06 Jan 2020 15:03

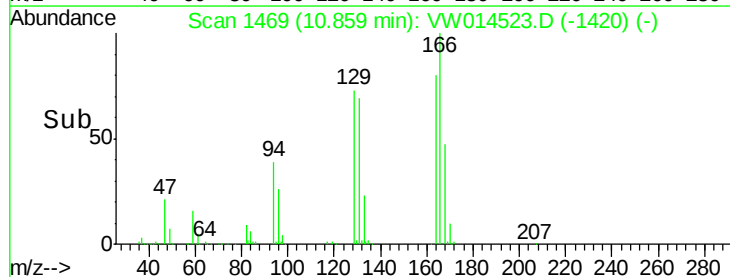
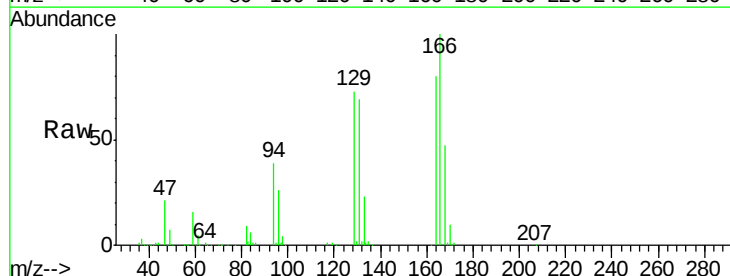
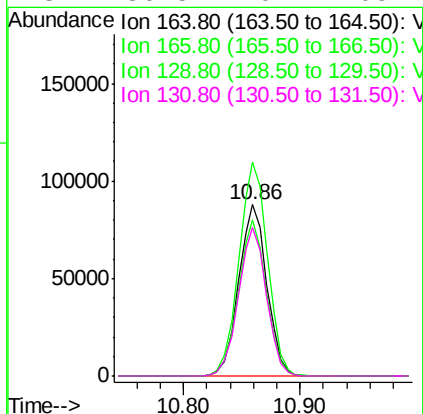
Instrument :
MSVOA_W
ClientSampleId :
VW0106SBSD01

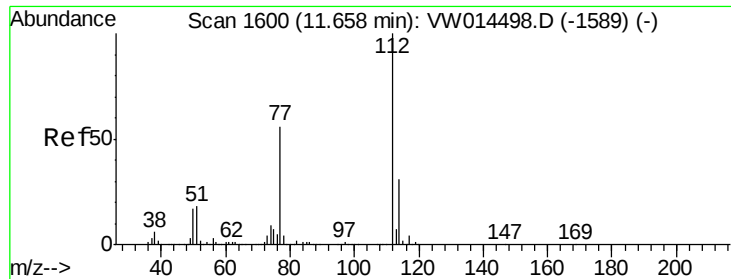
Tgt Ion:117 Resp: 1026462
Ion Ratio Lower Upper
117 100
82 56.5 44.6 67.0
119 31.5 25.7 38.5



#64
Tetrachloroethene
Concen: 19.805 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW014523.D
Acq: 06 Jan 2020 15:03

Tgt Ion:164 Resp: 147174
Ion Ratio Lower Upper
164 100
166 124.8 99.8 149.6
129 91.1 72.4 108.6
131 86.5 70.1 105.1





#65

Chlorobenzene

Concen: 19.311 ug/l

RT: 11.65 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

Instrument :

MSVOA_W

ClientSampleId :

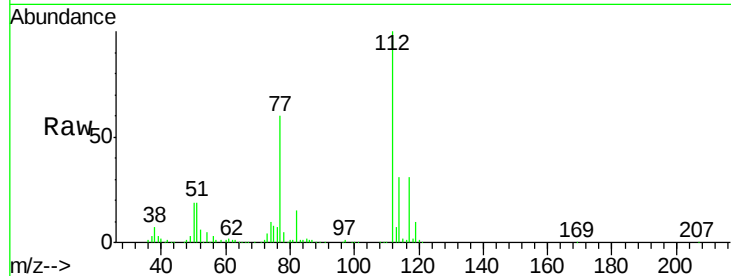
VW0106SBSD01

Tgt Ion:112 Resp: 406093

Ion Ratio Lower Upper

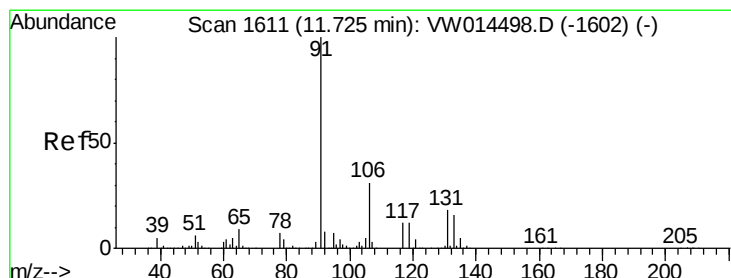
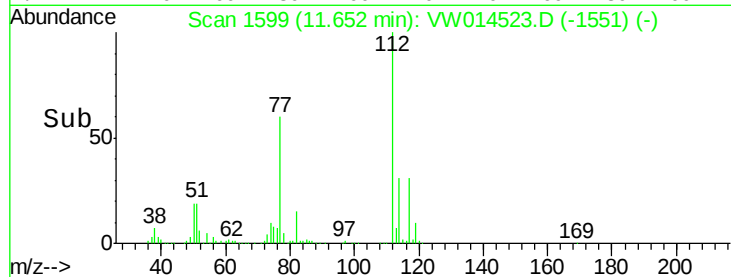
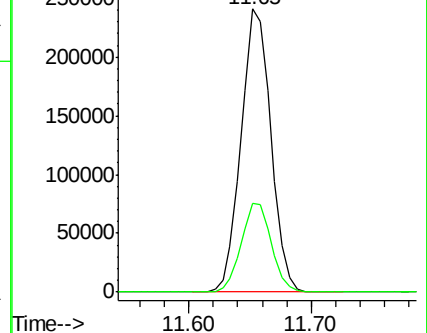
112 100

114 31.4 24.6 37.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.132 ug/l

RT: 11.73 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

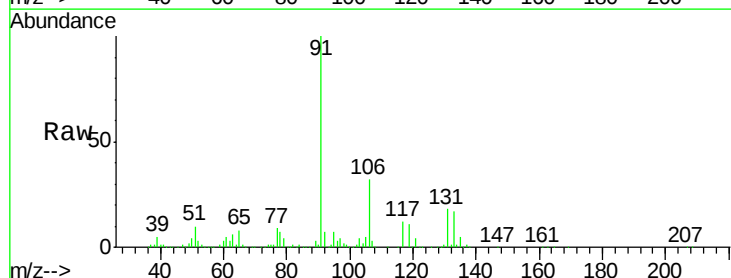
Tgt Ion:131 Resp: 135464

Ion Ratio Lower Upper

131 100

133 96.9 47.3 142.0

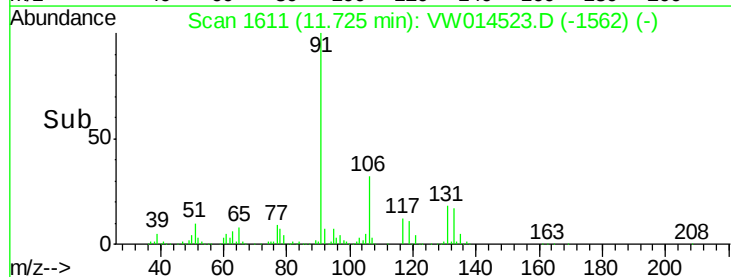
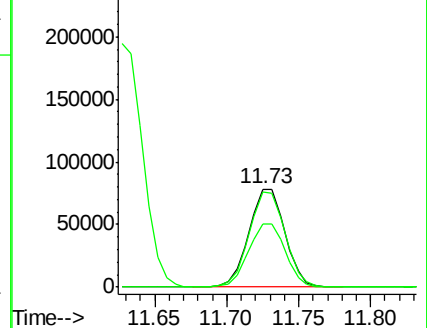
119 66.1 33.1 99.3

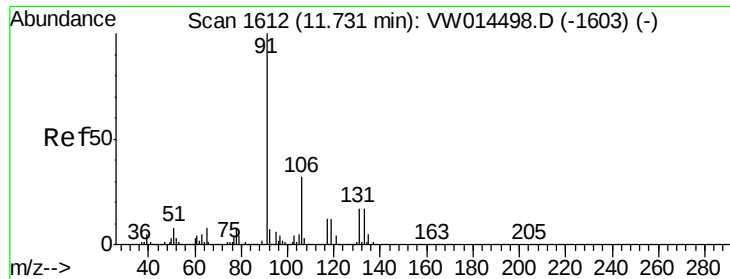


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.492 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

Instrument :

MSVOA_W

ClientSampleId :

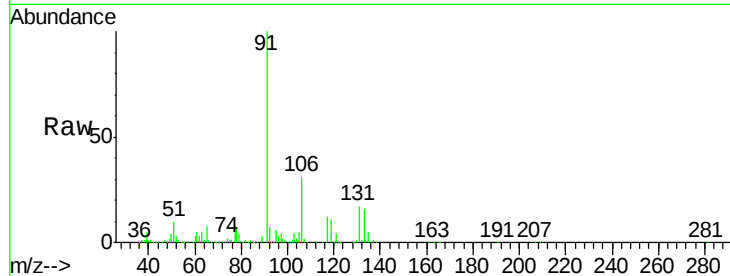
VW0106SBSD01

Tgt Ion: 91 Resp: 738686

Ion Ratio Lower Upper

91 100

106 31.1 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V

600000

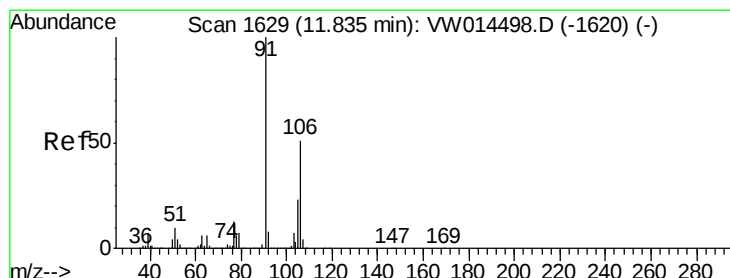
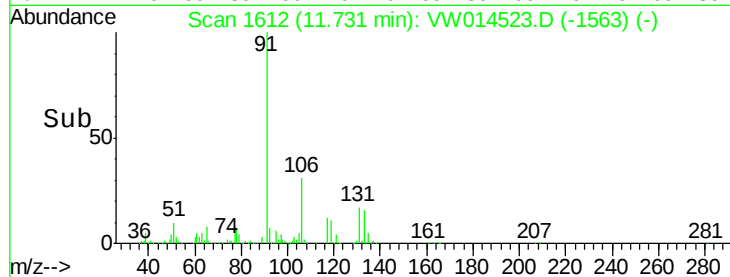
400000

200000

0

11.70 11.80

Time-->



#68

m/p-Xylenes

Concen: 38.753 ug/l

RT: 11.83 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VW014523.D

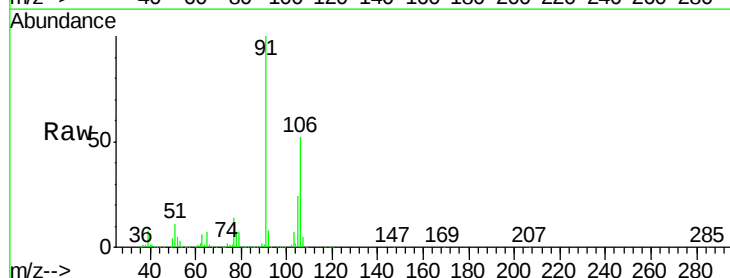
Acq: 06 Jan 2020 15:03

Tgt Ion: 106 Resp: 562091

Ion Ratio Lower Upper

106 100

91 198.7 159.0 238.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

600000

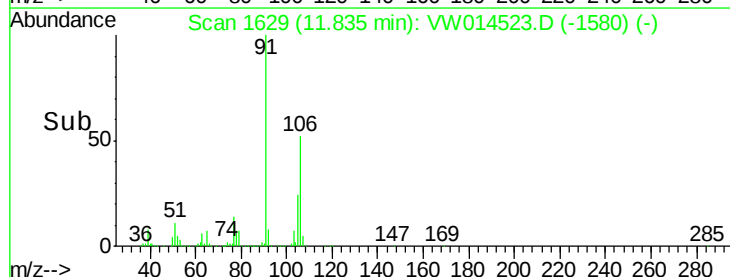
400000

200000

0

11.80 11.90

Time-->

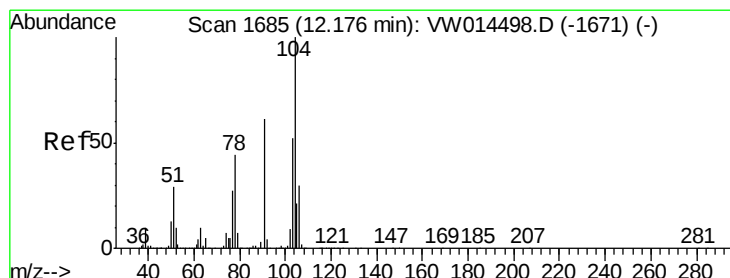
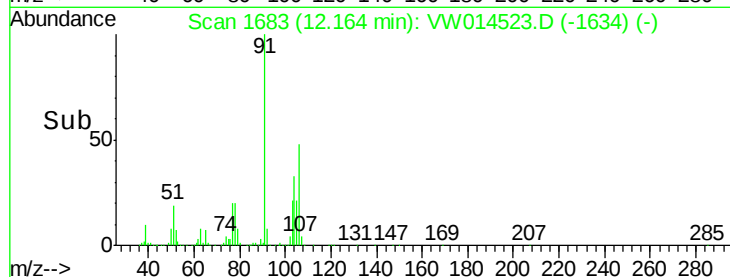
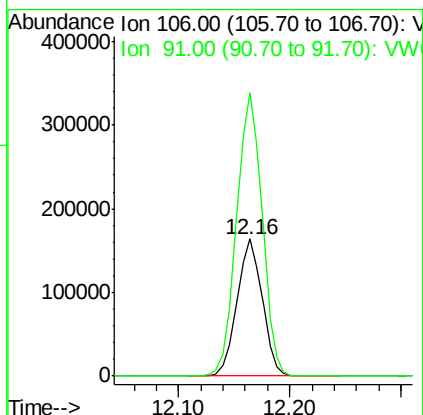
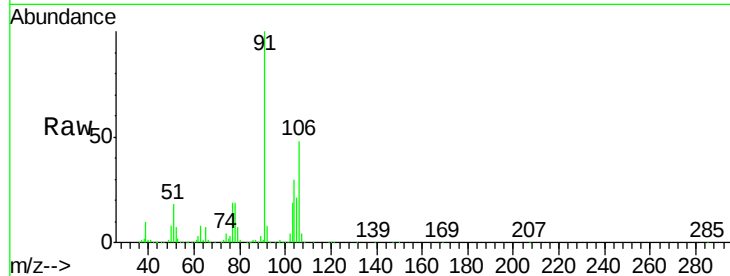




#69
o-Xylene
Concen: 19.244 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014523.D
Acq: 06 Jan 2020 15:03

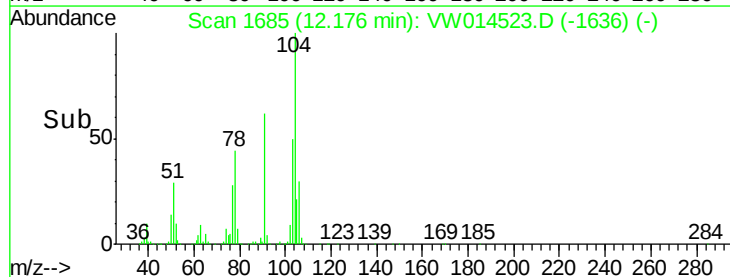
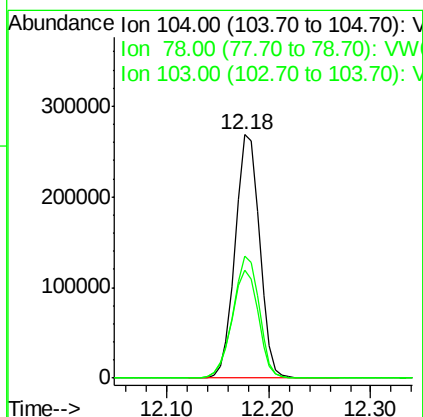
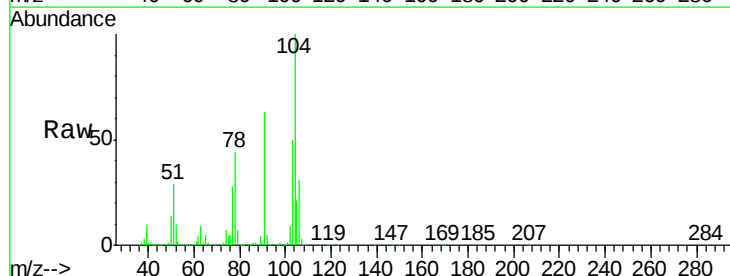
Instrument :
MSVOA_W
ClientSampleId :
VW0106SBSD01

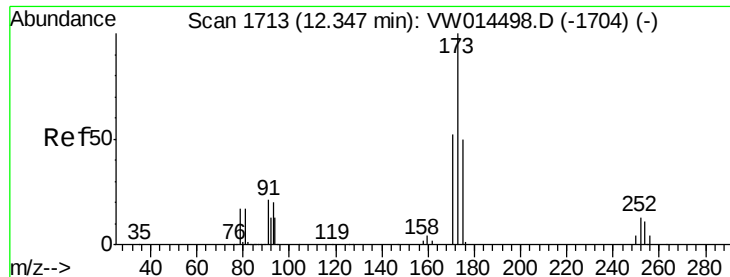
Tgt Ion:106 Resp: 257830
Ion Ratio Lower Upper
106 100
91 209.1 105.2 315.6



#70
Styrene
Concen: 19.594 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW014523.D
Acq: 06 Jan 2020 15:03

Tgt Ion:104 Resp: 444029
Ion Ratio Lower Upper
104 100
78 48.1 38.4 57.6
103 53.8 43.7 65.5





#71

Bromoform

Concen: 19.140 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

Instrument :

MSVOA_W

ClientSampleId :

VW0106SBSD01

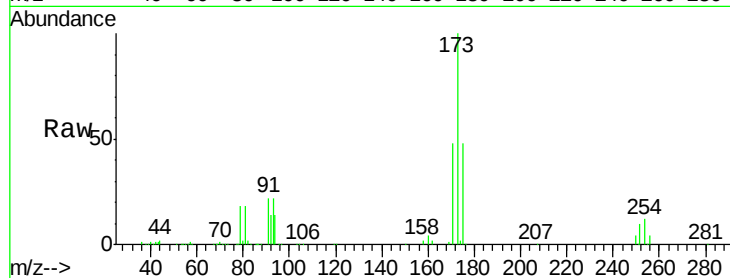
Tgt Ion:173 Resp: 73920

Ion Ratio Lower Upper

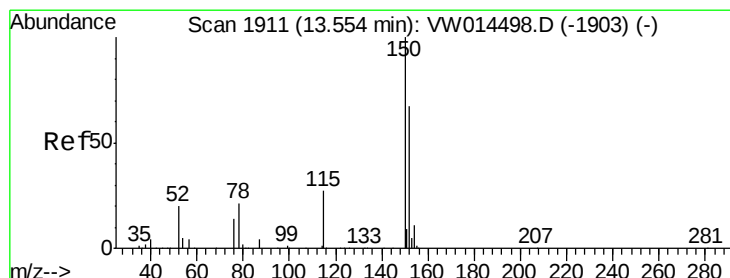
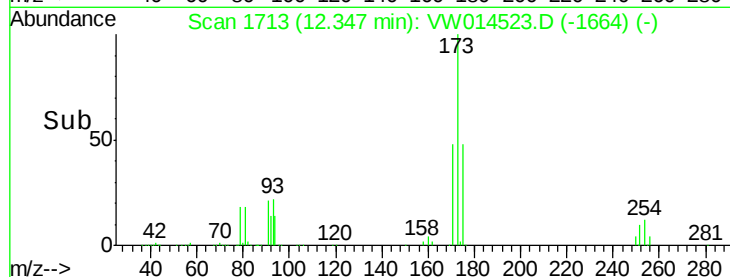
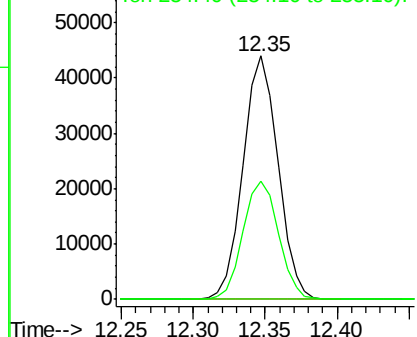
173 100

175 49.6 24.5 73.5

254 0.2 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.01 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

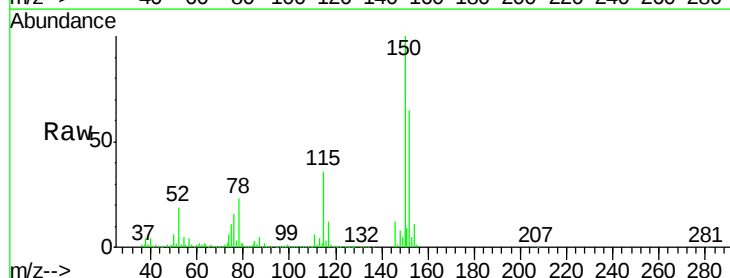
Tgt Ion:152 Resp: 510560

Ion Ratio Lower Upper

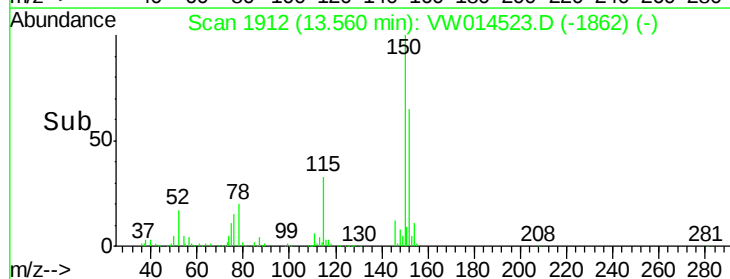
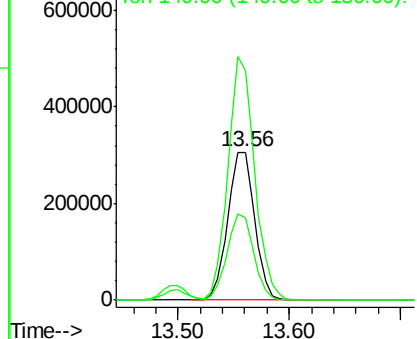
152 100

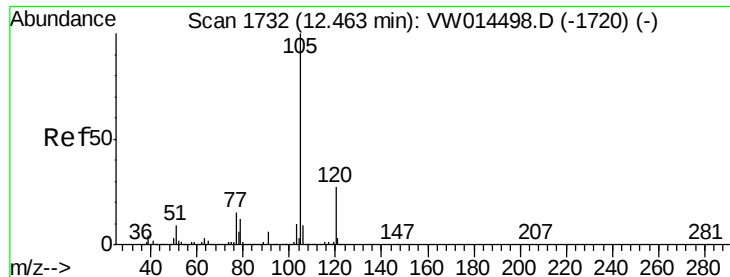
115 57.4 27.7 83.1

150 163.5 0.0 343.4



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





#73

Isopropylbenzene

Concen: 19.047 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

Instrument :

MSVOA_W

ClientSampleId :

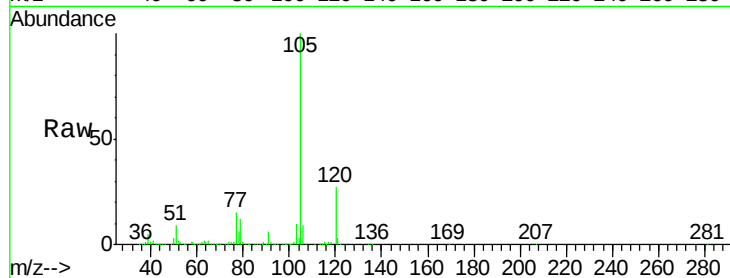
VW0106SBSD01

Tgt Ion: 105 Resp: 713544

Ion Ratio Lower Upper

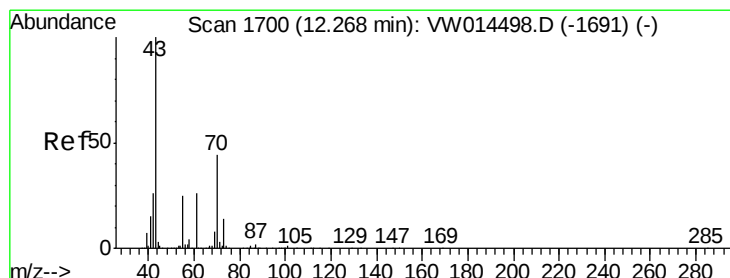
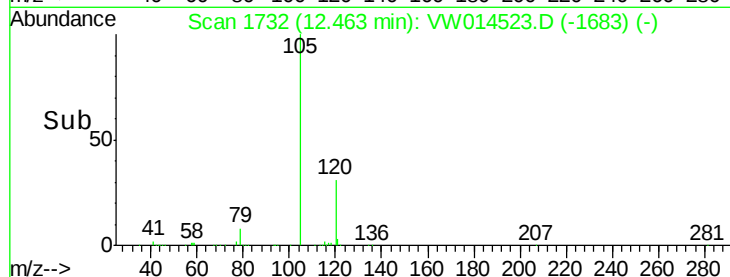
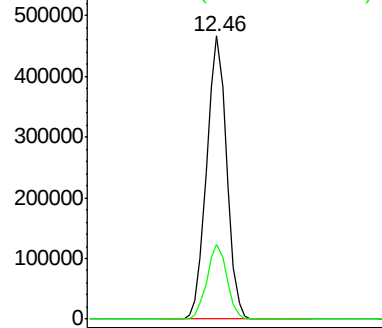
105 100

120 26.4 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.111 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

Tgt Ion: 43 Resp: 168928

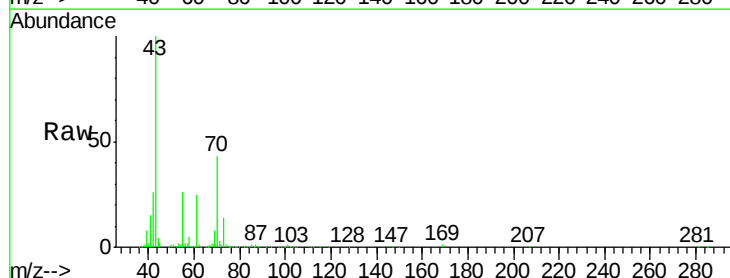
Ion Ratio Lower Upper

43 100

70 43.7 36.5 54.7

55 25.9 20.9 31.3

61 25.1 20.7 31.1

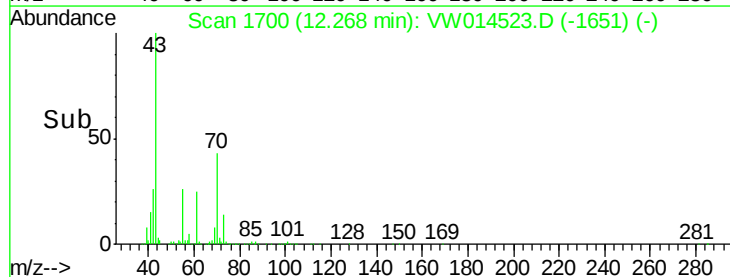
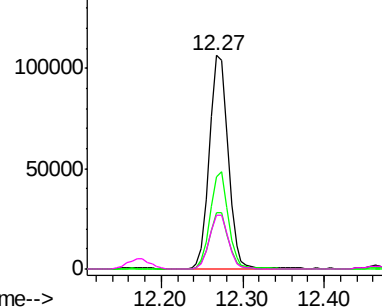


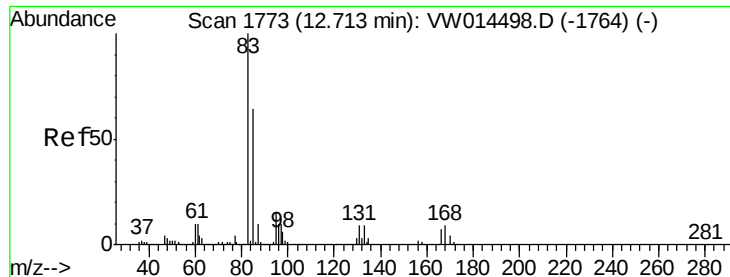
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 19.450 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

Instrument :

MSVOA_W

ClientSampleId :

VW0106SBSD01

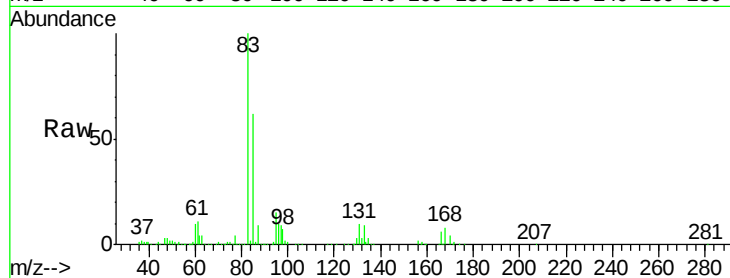
Tgt Ion: 83 Resp: 131518

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.4

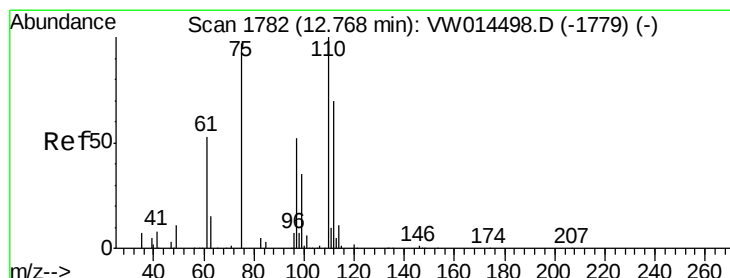
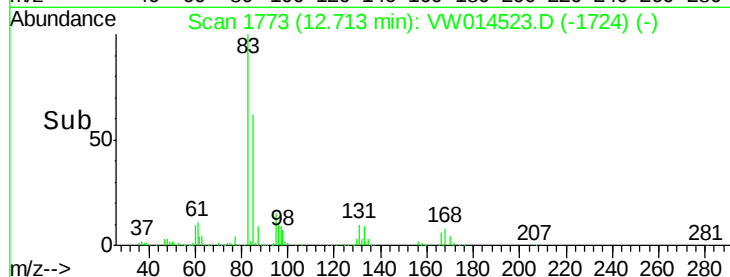
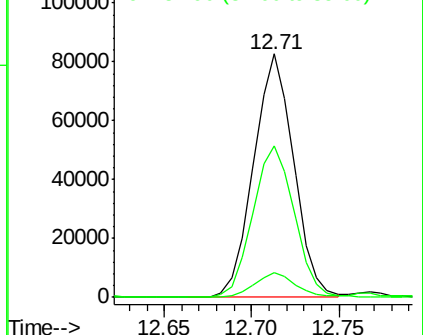
85 64.5 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 34.733 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW014523.D

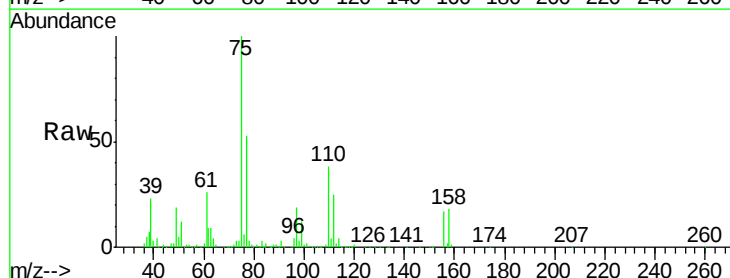
Acq: 06 Jan 2020 15:03

Tgt Ion: 75 Resp: 167667

Ion Ratio Lower Upper

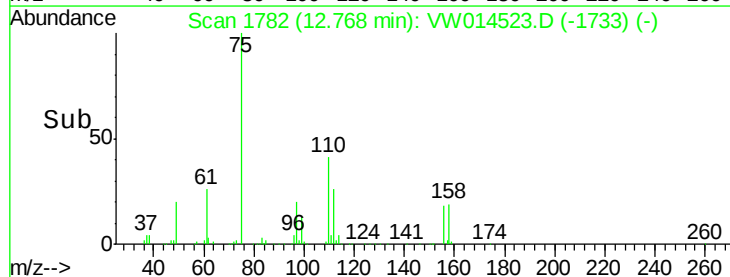
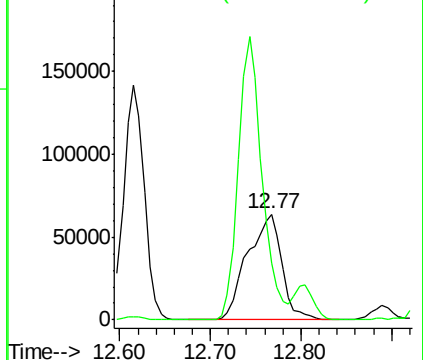
75 100

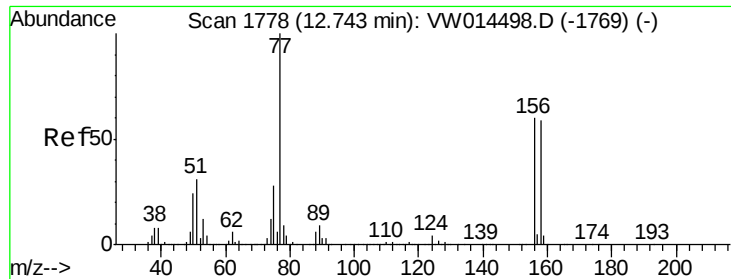
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.054 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

Instrument :

MSVOA_W

ClientSampleId :

VW0106SBSD01

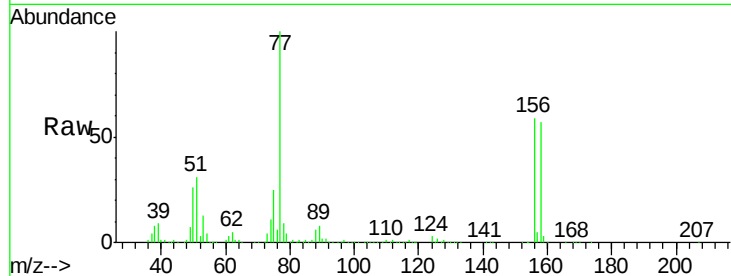
Tgt Ion:156 Resp: 165785

Ion Ratio Lower Upper

156 100

77 188.3 92.3 277.1

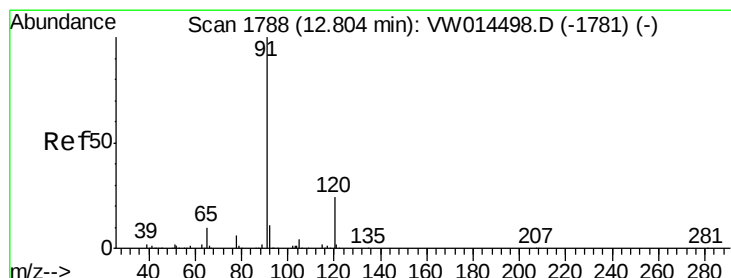
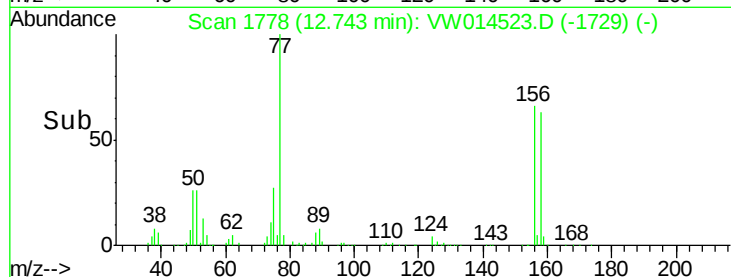
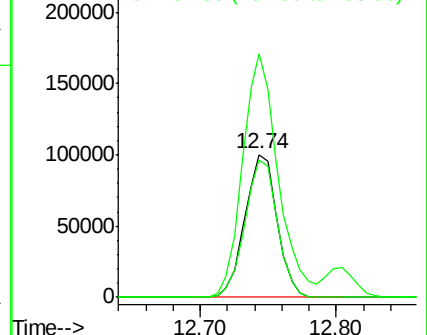
158 97.0 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.581 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW014523.D

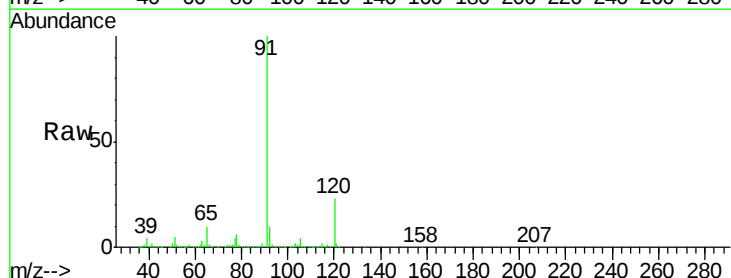
Acq: 06 Jan 2020 15:03

Tgt Ion: 91 Resp: 862585

Ion Ratio Lower Upper

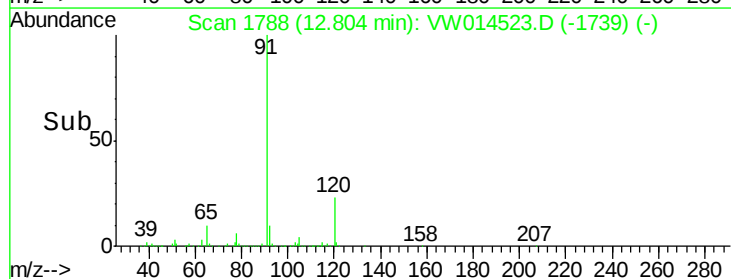
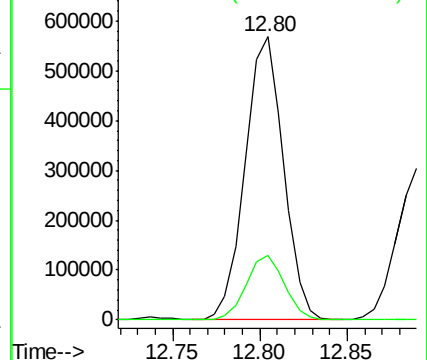
91 100

120 23.0 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.232 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

Instrument :

MSVOA_W

ClientSampleId :

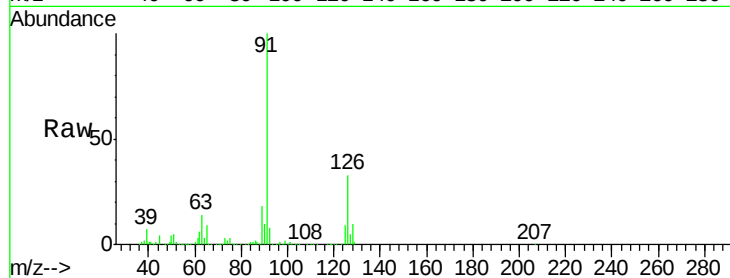
VW0106SBSD01

Tgt Ion: 91 Resp: 482125

Ion Ratio Lower Upper

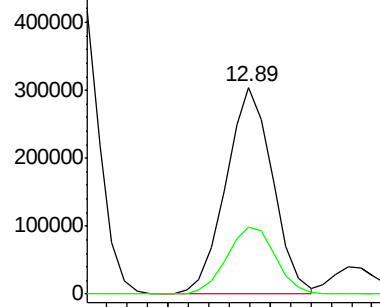
91 100

126 34.1 17.1 51.2

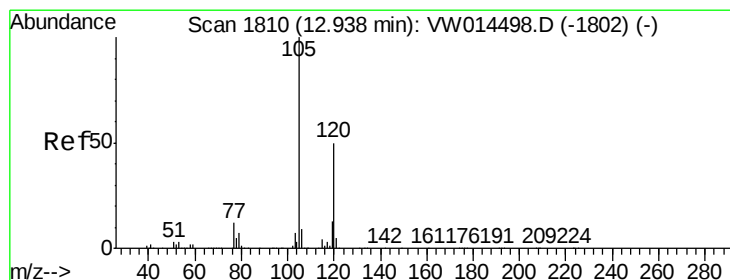
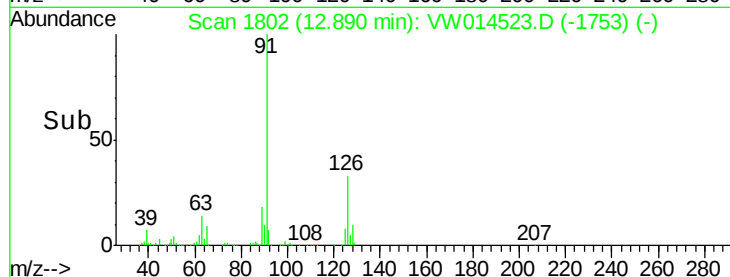


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.220 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW014523.D

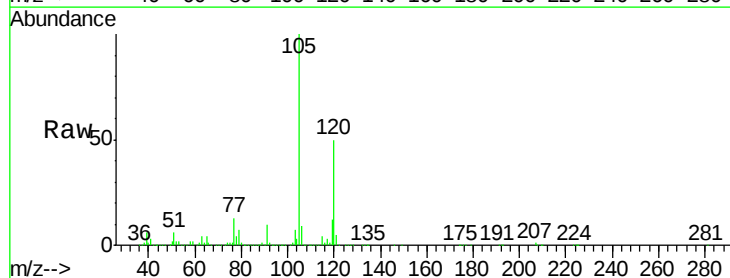
Acq: 06 Jan 2020 15:03

Tgt Ion: 105 Resp: 604548

Ion Ratio Lower Upper

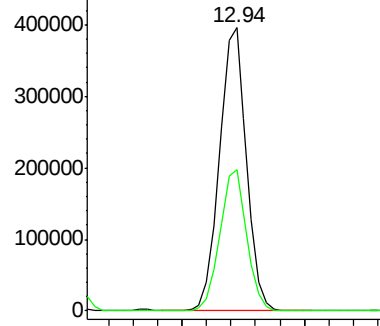
105 100

120 49.8 25.2 75.6

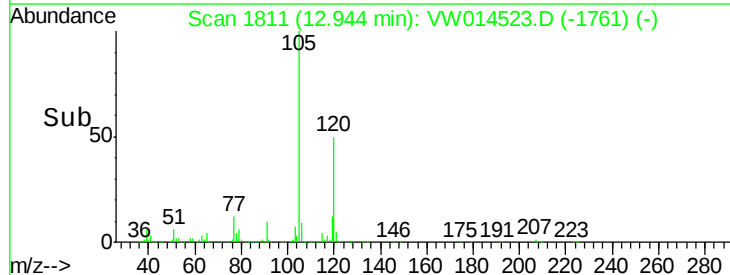


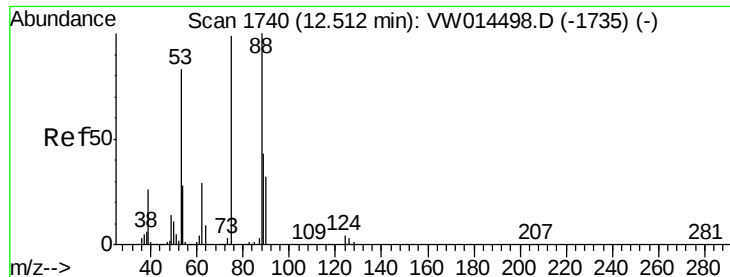
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 19.309 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

Instrument :

MSVOA_W

ClientSampleId :

VW0106SBSD01

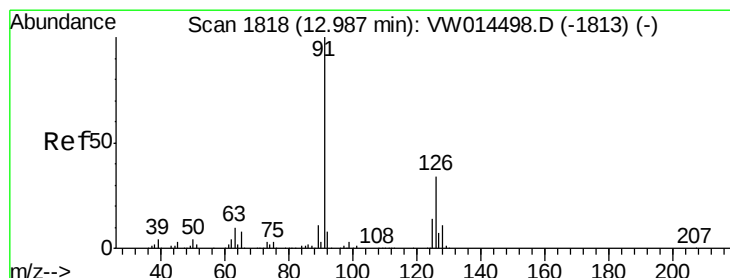
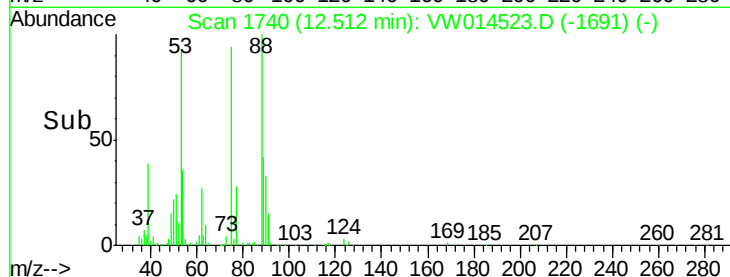
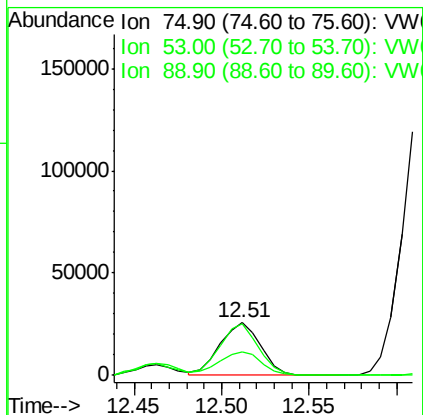
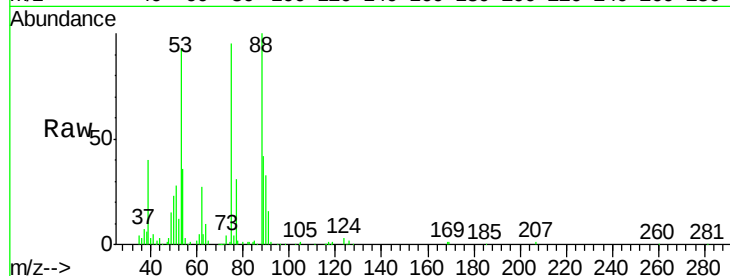
Tgt Ion: 75 Resp: 41835

Ion Ratio Lower Upper

75 100

53 94.0 70.9 106.3

89 46.1 35.8 53.8



#82

4-Chlorotoluene

Concen: 19.553 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW014523.D

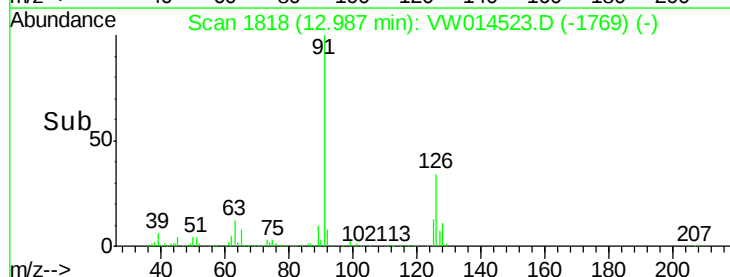
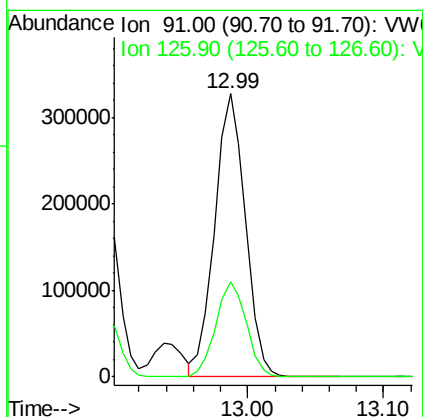
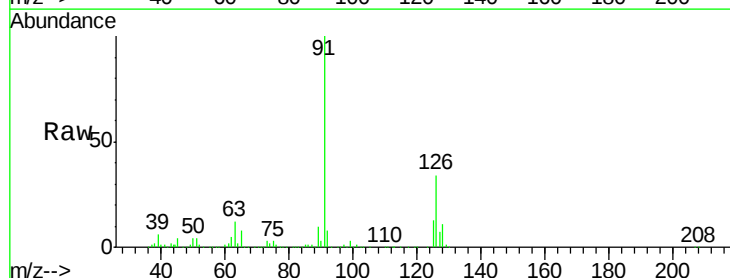
Acq: 06 Jan 2020 15:03

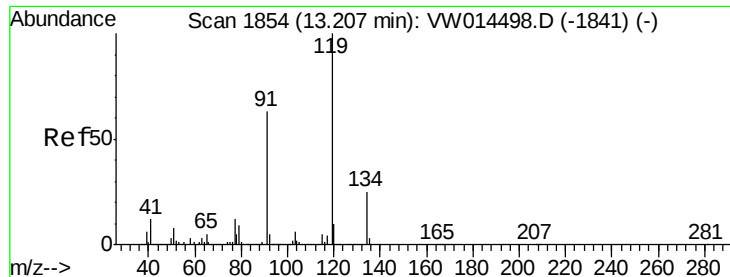
Tgt Ion: 91 Resp: 509266

Ion Ratio Lower Upper

91 100

126 33.6 17.1 51.2





#83

tert-Butylbenzene

Concen: 18.890 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

Instrument :

MSVOA_W

ClientSampleId :

VW0106SBSD01

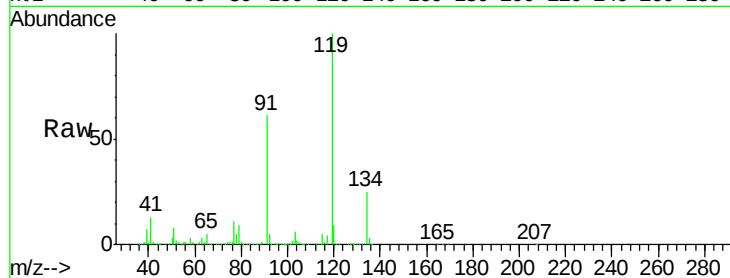
Tgt Ion:119 Resp: 520210

Ion Ratio Lower Upper

119 100

91 62.8 31.1 93.3

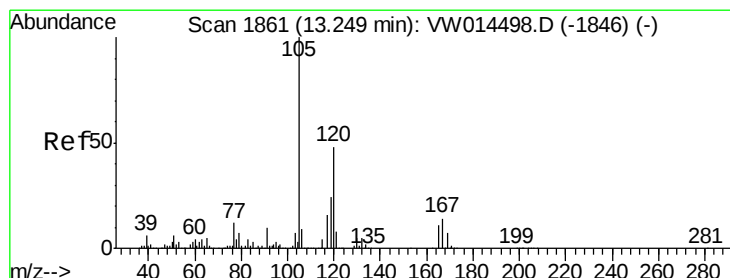
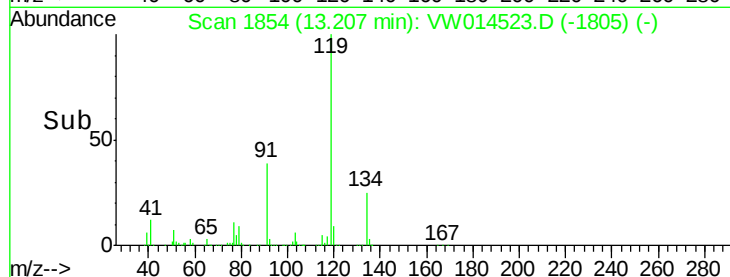
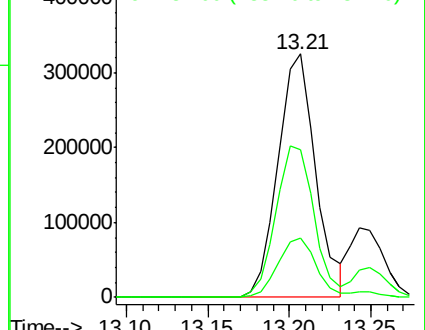
134 24.9 13.5 40.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.281 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VW014523.D

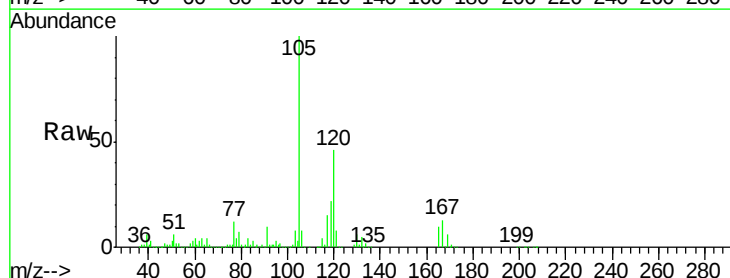
Acq: 06 Jan 2020 15:03

Tgt Ion:105 Resp: 603535

Ion Ratio Lower Upper

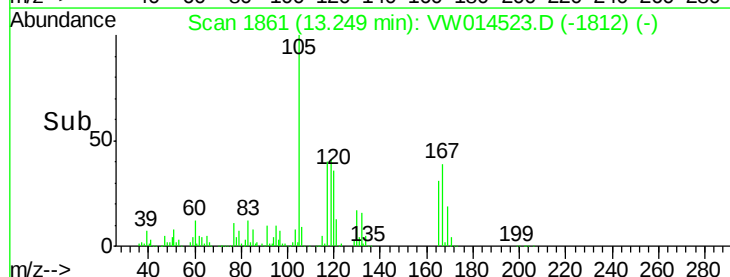
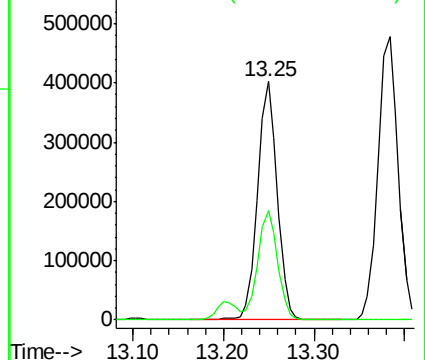
105 100

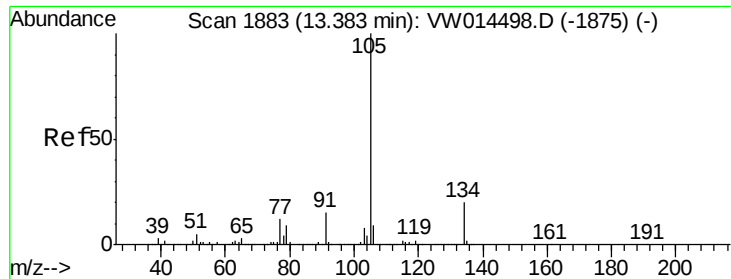
120 46.3 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

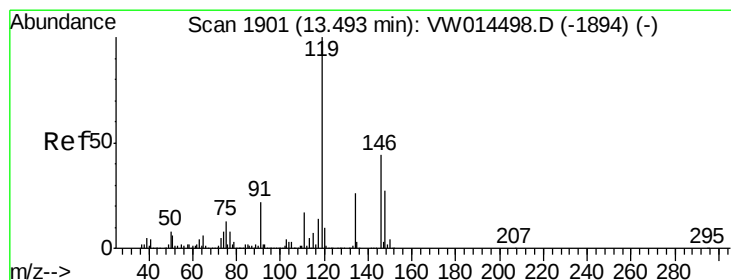
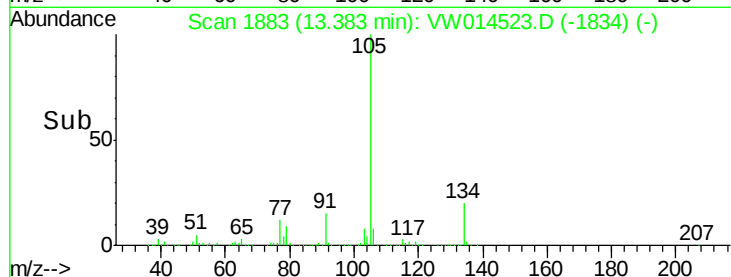
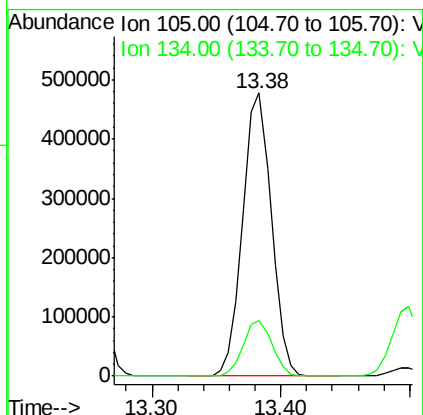
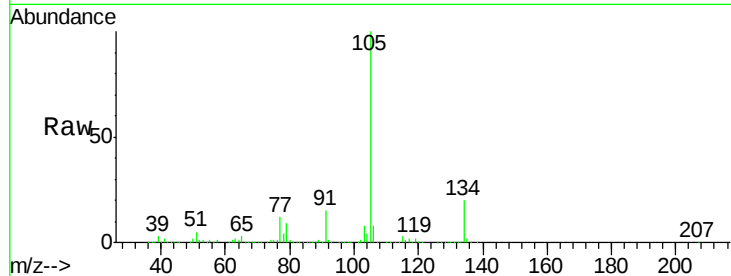




#85
 sec-Butylbenzene
 Concen: 19.282 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW014523.D
 Acq: 06 Jan 2020 15:03

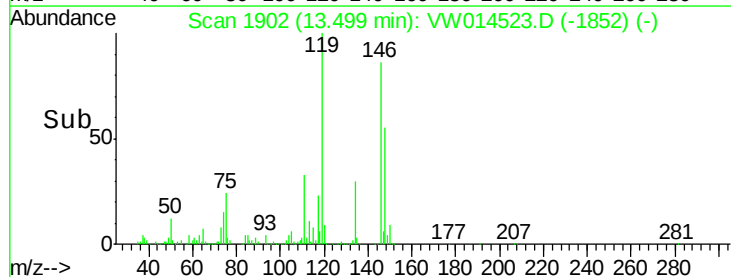
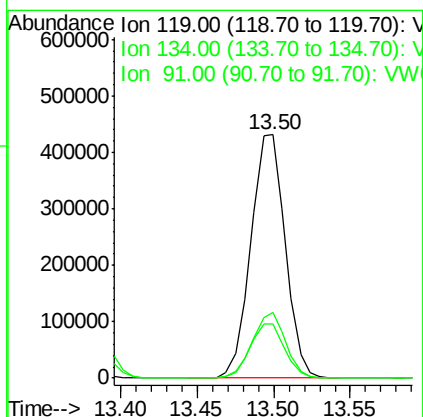
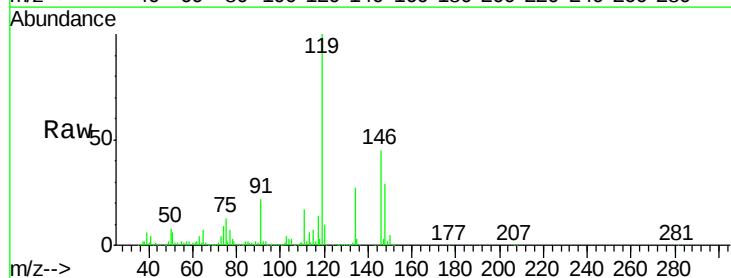
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0106SBS01

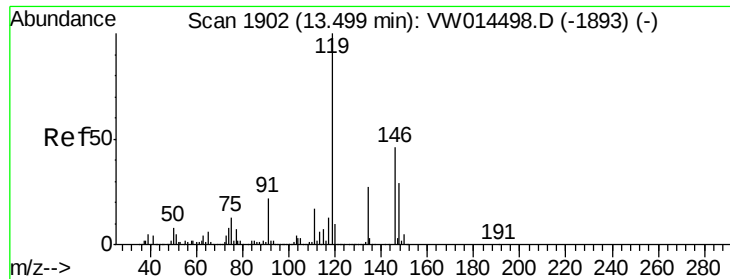
Tgt Ion:105 Resp: 735008
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 19.370 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.01 min
 Lab File: VW014523.D
 Acq: 06 Jan 2020 15:03

Tgt Ion:119 Resp: 673014
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.5
 91 22.4 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 18.952 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

Instrument :

MSVOA_W

ClientSampleId :

VW0106SBSD01

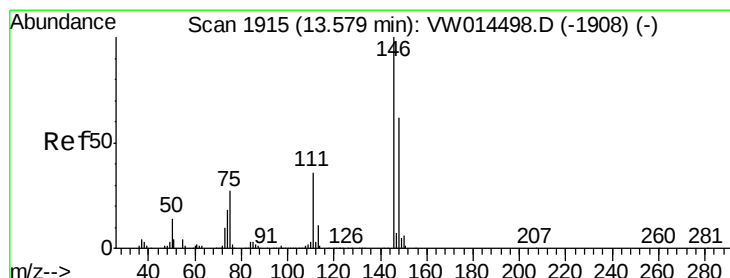
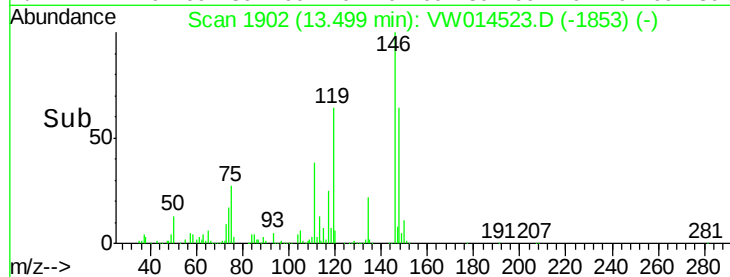
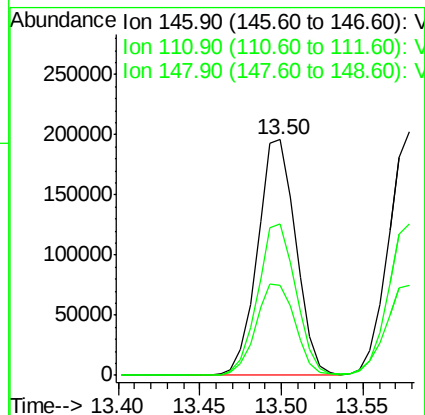
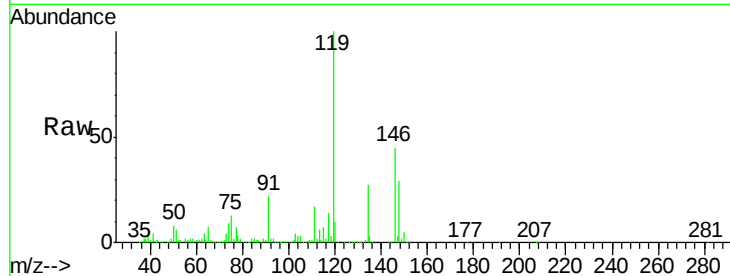
Tgt Ion:146 Resp: 320658

Ion Ratio Lower Upper

146 100

111 39.4 19.3 57.9

148 64.0 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 19.351 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

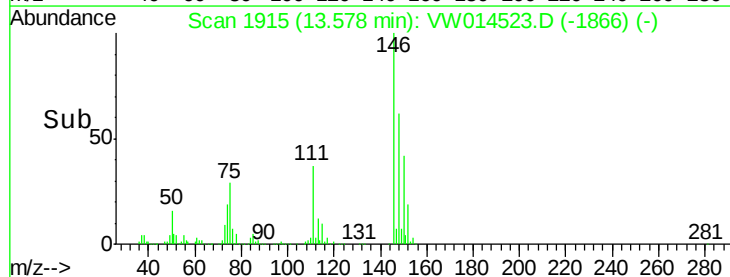
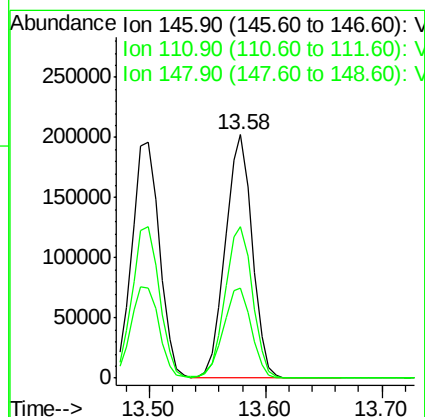
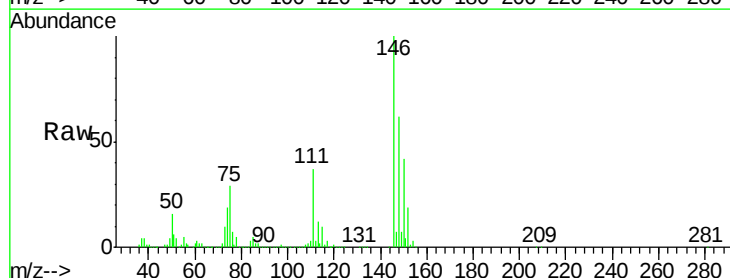
Tgt Ion:146 Resp: 323229

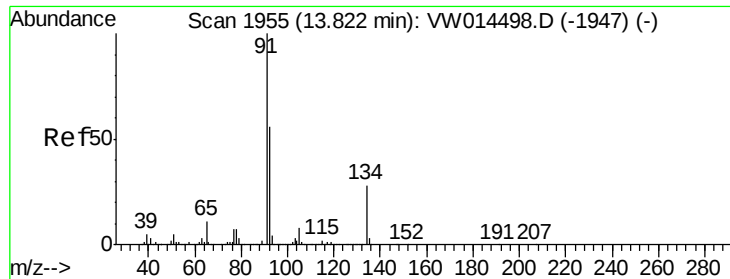
Ion Ratio Lower Upper

146 100

111 38.8 18.7 56.1

148 63.4 31.7 95.1





#89

n-Butylbenzene

Concen: 19.525 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW014523.D

Acq: 06 Jan 2020 15:03

Instrument :

MSVOA_W

ClientSampleId :

VW0106SBS01

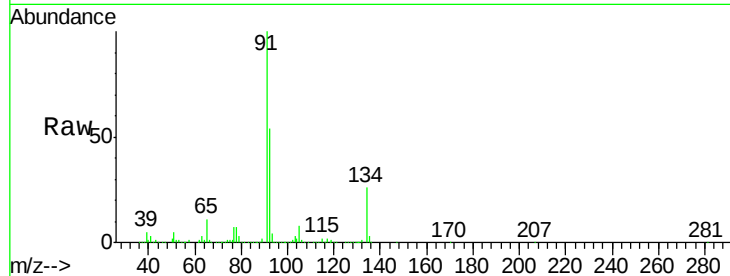
Tgt Ion: 91 Resp: 629980

Ion Ratio Lower Upper

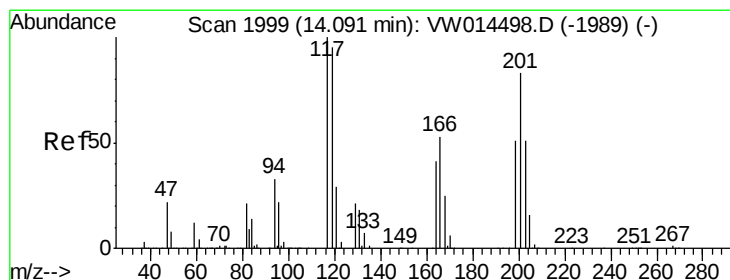
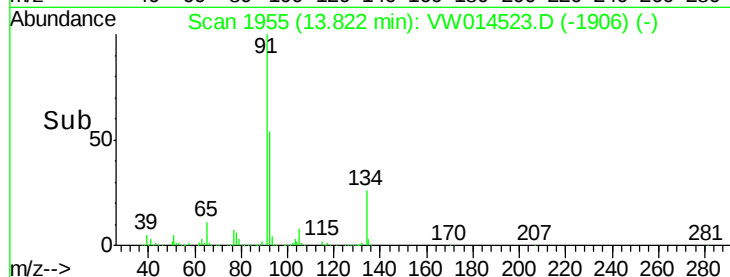
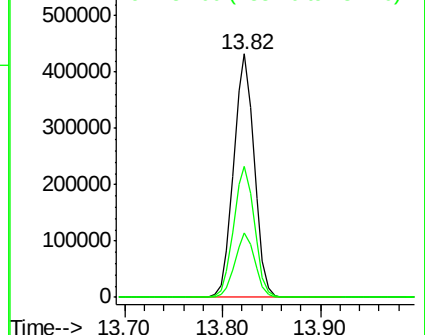
91 100

92 54.6 27.5 82.5

134 25.9 13.7 41.1



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.762 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW014523.D

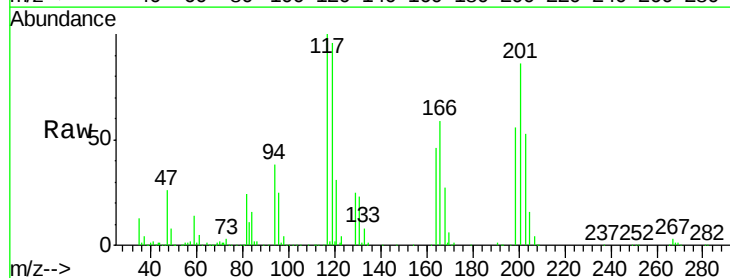
Acq: 06 Jan 2020 15:03

Tgt Ion: 117 Resp: 113885

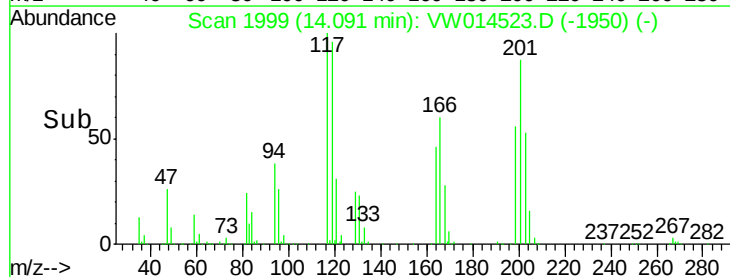
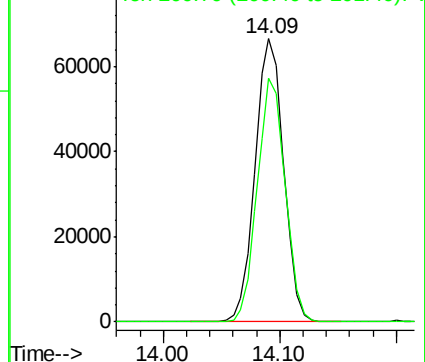
Ion Ratio Lower Upper

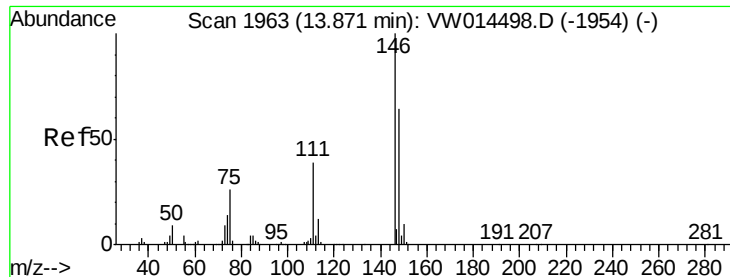
117 100

201 84.3 43.0 128.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

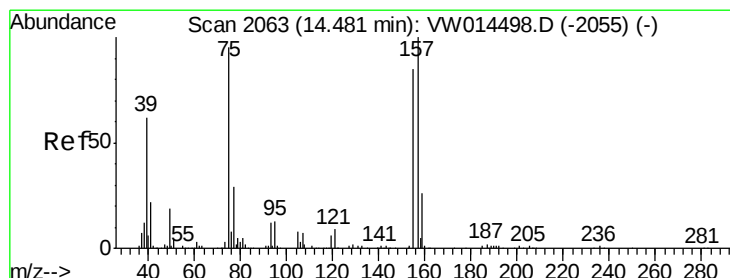
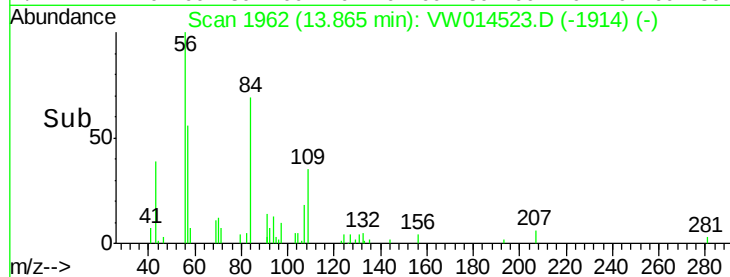
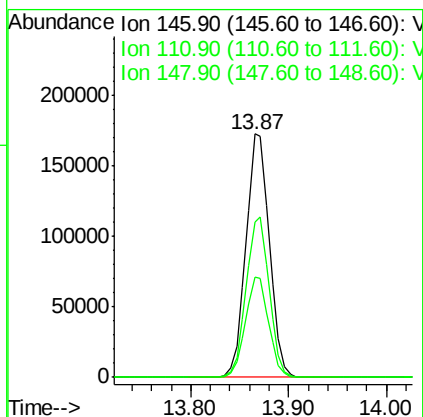
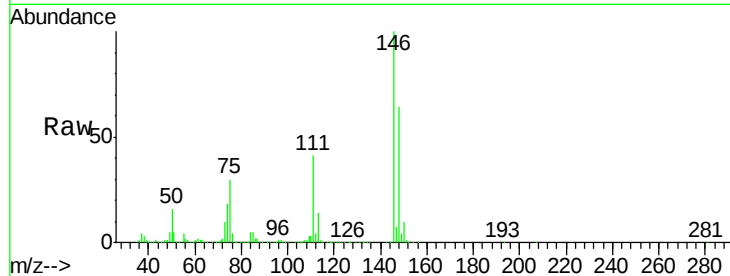




#91
 1,2-Dichlorobenzene
 Concen: 19.226 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW014523.D
 Acq: 06 Jan 2020 15:03

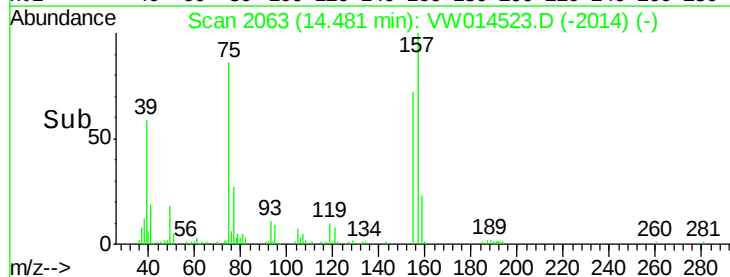
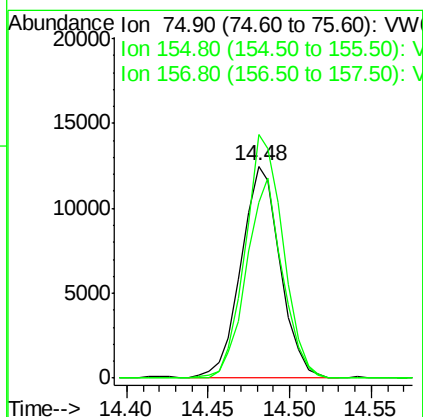
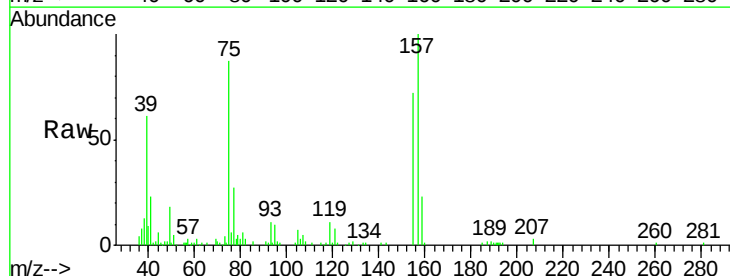
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0106SBSD01

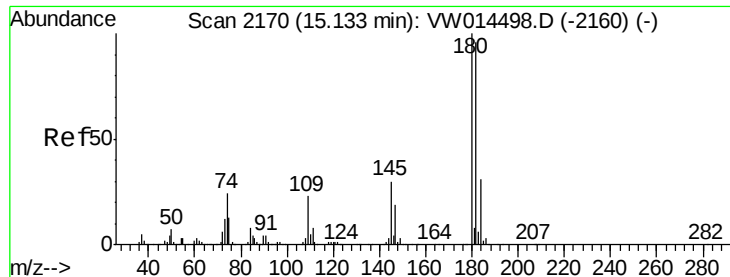
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.4	61.3
148	65.0	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.492 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW014523.D
 Acq: 06 Jan 2020 15:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.0	45.8	137.4
157	110.6	58.1	174.2

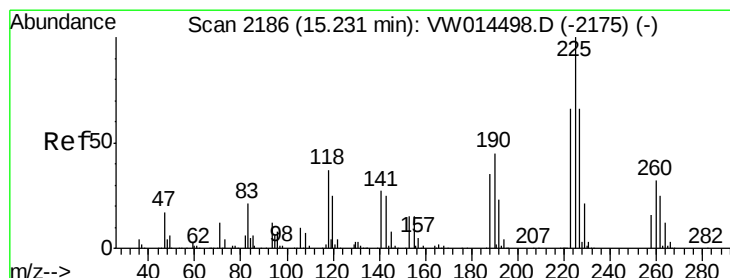
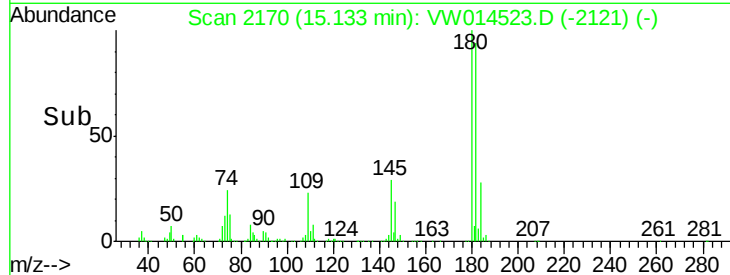
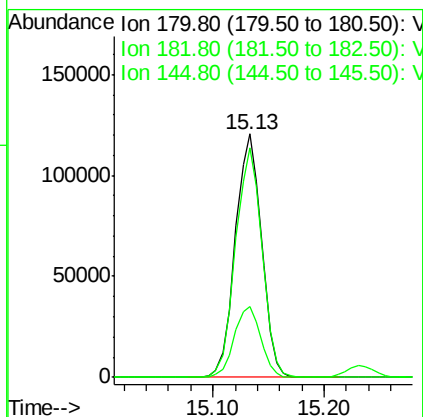
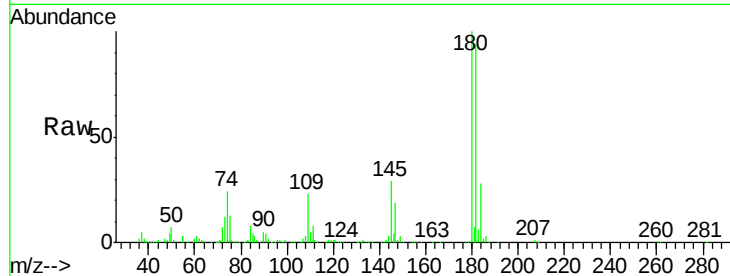




#93
 1,2,4-Trichlorobenzene
 Concen: 19.542 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW014523.D
 Acq: 06 Jan 2020 15:03

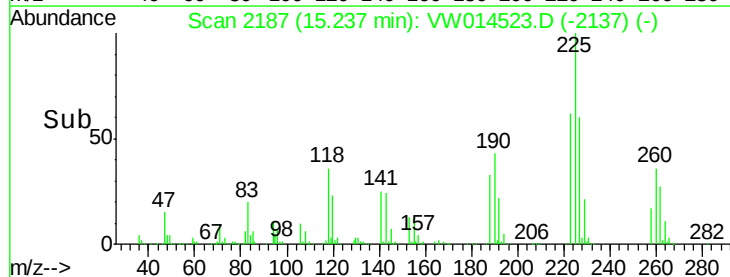
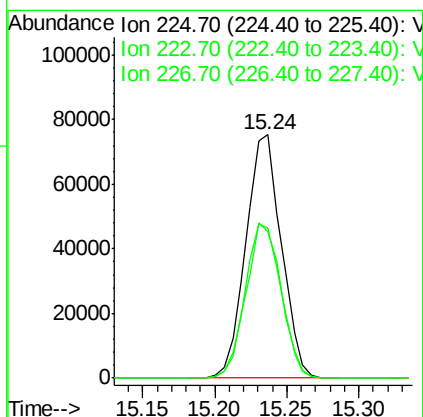
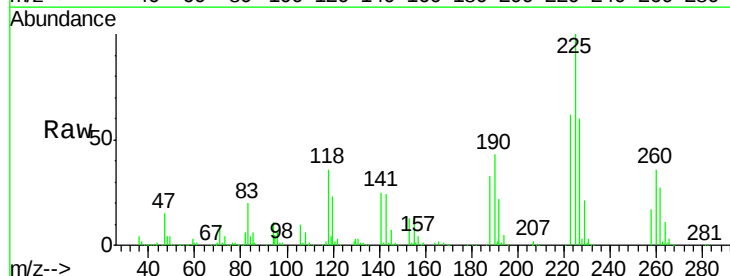
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0106SBSD01

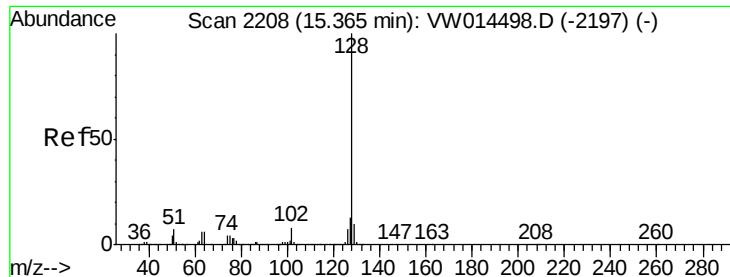
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.3	141.8
145	29.6	14.7	44.1



#94
 Hexachlorobutadiene
 Concen: 19.036 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.01 min
 Lab File: VW014523.D
 Acq: 06 Jan 2020 15:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	32.4	97.2
227	63.2	32.6	97.8

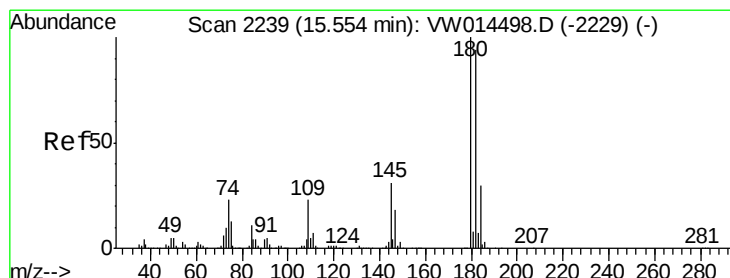
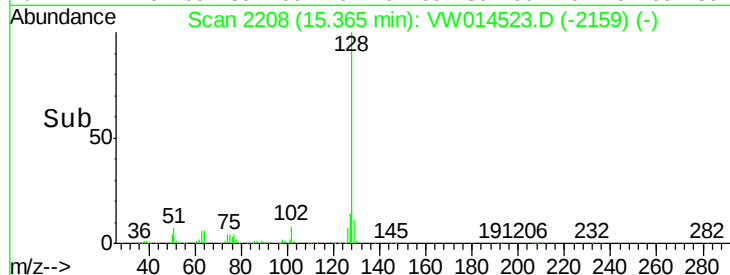
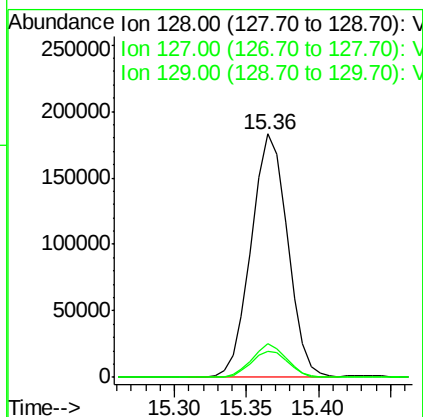
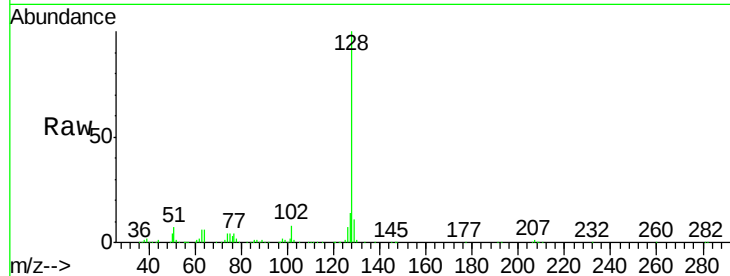




#95
Naphthalene
Concen: 18.704 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW014523.D
Acq: 06 Jan 2020 15:03

Instrument :
MSVOA_W
ClientSampleId :
VW0106SBSD01

Tgt Ion:128 Resp: 320347
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.186 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW014523.D
Acq: 06 Jan 2020 15:03

Tgt Ion:180 Resp: 167946
Ion Ratio Lower Upper
180 100
182 96.5 47.4 142.2
145 31.1 15.5 46.5

