

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010620\
 Data File : VW014520.D
 Acq On : 06 Jan 2020 13:44
 Operator : SY/VA
 Sample : VW0106SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0106SBS01

Quant Time: Jan 07 02:40:05 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	892293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1332150	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1146374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	570439	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	394537	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
35) Dibromofluoromethane	7.88	113	381127	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
50) Toluene-d8	10.32	98	1587273	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	12.62	95	531562	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	106306	21.101	ug/l 97
3) Chloromethane	2.21	50	128825	20.890	ug/l 95
4) Vinyl Chloride	2.36	62	188484	20.781	ug/l 98
5) Bromomethane	2.76	94	113867	20.322	ug/l 97
6) Chloroethane	2.92	64	105692	20.442	ug/l 95
7) Trichlorofluoromethane	3.24	101	94546	20.834	ug/l 98
8) Diethyl Ether	3.68	74	87926	19.473	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	170842	20.148	ug/l 99
10) Methyl Iodide	4.27	142	248980	19.461	ug/l 98
11) Tert butyl alcohol	5.15	59	59782	84.174	ug/l 99
12) 1,1-Dichloroethene	4.04	96	174312	19.630	ug/l 96
13) Acrolein	3.89	56	62560	91.876	ug/l 98
14) Allyl chloride	4.66	41	277480	20.449	ug/l 99
15) Acrylonitrile	5.36	53	198105	95.985	ug/l 97
16) Acetone	4.11	43	190625	86.535	ug/l 97
17) Carbon Disulfide	4.38	76	539729	20.167	ug/l 97
18) Methyl Acetate	4.67	43	101129	19.008	ug/l 99
19) Methyl tert-butyl Ether	5.42	73	222015	20.142	ug/l 99
20) Methylene Chloride	4.91	84	303026	32.421	ug/l 99
21) trans-1,2-Dichloroethene	5.42	96	190550	20.210	ug/l 97
22) Diisopropyl ether	6.31	45	537097	21.147	ug/l 97
23) Vinyl Acetate	6.25	43	1528680	99.672	ug/l 99
24) 1,1-Dichloroethane	6.21	63	329439	20.563	ug/l 99
25) 2-Butanone	7.16	43	255287	90.303	ug/l 97
26) 2,2-Dichloropropane	7.16	77	180822	20.386	ug/l 98
27) cis-1,2-Dichloroethene	7.16	96	198697	20.056	ug/l 97
28) Bromochloromethane	7.51	49	119427	19.014	ug/l 97
29) Tetrahydrofuran	7.52	42	159449	91.044	ug/l 99
30) Chloroform	7.67	83	307488	20.524	ug/l 100
31) Cyclohexane	7.95	56	335399	20.144	ug/l 94
32) 1,1,1-Trichloroethane	7.87	97	253069	21.003	ug/l 99
36) 1,1-Dichloropropene	8.08	75	266177	20.726	ug/l 99
37) Ethyl Acetate	7.24	43	110116	18.906	ug/l 99
38) Carbon Tetrachloride	8.07	117	230122	20.654	ug/l 98

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 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	322344	19.559	ug/l	96
40) Benzene	8.32	78	761222	20.949	ug/l	97
41) Methacrylonitrile	7.48	41	66866	20.595	ug/l	91
42) 1,2-Dichloroethane	8.40	62	197025	20.894	ug/l	98
43) Isopropyl Acetate	8.42	43	199587	18.871	ug/l	98
44) Trichloroethene	9.09	130	194135	19.745	ug/l	100
45) 1,2-Dichloropropane	9.37	63	182527	20.471	ug/l	95
46) Dibromomethane	9.46	93	87239	19.819	ug/l	99
47) Bromodichloromethane	9.64	83	220776	20.315	ug/l	97
48) Methyl methacrylate	9.43	41	92652	17.942	ug/l	96
49) 1,4-Dioxane	9.45	88	29003	352.281	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	524872	95.562	ug/l	99
52) Toluene	10.38	92	472468	20.668	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	223628	19.874	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	276344	20.095	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	126697	19.708	ug/l	97
56) Ethyl methacrylate	10.65	69	158841	19.012	ug/l	98
57) 1,3-Dichloropropane	10.93	76	226387	20.036	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	232875	91.648	ug/l	97
59) 2-Hexanone	10.96	43	350556	92.622	ug/l	98
60) Dibromochloromethane	11.13	129	142949	19.707	ug/l	98
61) 1,2-Dibromoethane	11.23	107	119902	19.649	ug/l	99
64) Tetrachloroethene	10.86	164	167691	20.205	ug/l	99
65) Chlorobenzene	11.65	112	477810	20.345	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	160571	20.306	ug/l	100
67) Ethyl Benzene	11.73	91	863404	20.400	ug/l	98
68) m/p-Xylenes	11.83	106	660336	40.765	ug/l	99
69) o-Xylene	12.16	106	302345	20.206	ug/l	100
70) Styrene	12.18	104	517192	20.435	ug/l	99
71) Bromoform	12.35	173	79625	18.461	ug/l #	99
73) Isopropylbenzene	12.46	105	829956	19.829	ug/l	99
74) N-amyl acetate	12.27	43	176424	18.799	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	142175	18.819	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	177370	32.886	ug/l #	100
77) Bromobenzene	12.74	156	189975	19.542	ug/l	99
78) n-propylbenzene	12.80	91	1003777	20.394	ug/l	99
79) 2-Chlorotoluene	12.89	91	559650	19.981	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	705606	20.078	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	44397	18.341	ug/l	94
82) 4-Chlorotoluene	12.99	91	591553	20.329	ug/l	99
83) tert-Butylbenzene	13.21	119	608713	19.783	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	702036	20.074	ug/l	100
85) sec-Butylbenzene	13.38	105	856924	20.120	ug/l	100
86) p-Isopropyltoluene	13.50	119	781002	20.118	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	375467	19.862	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	368785	19.760	ug/l	98
89) n-Butylbenzene	13.82	91	723289	20.063	ug/l	99
90) Hexachloroethane	14.09	117	131331	19.365	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	327839	19.731	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	21422	17.906	ug/l	97

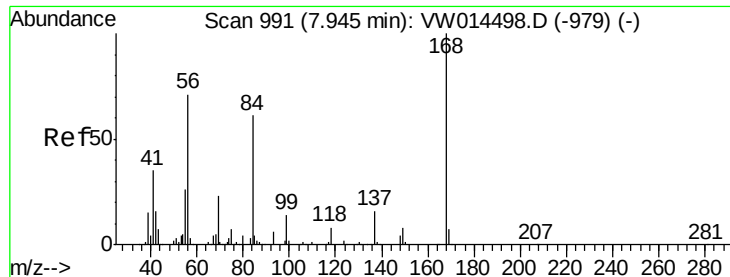
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010620\
Data File : VW014520.D
Acq On : 06 Jan 2020 13:44
Operator : SY/VA
Sample : VW0106SBSD01
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : 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	208986	18.626	ug/l	100
94) Hexachlorobutadiene	15.24	225	145217	19.313	ug/l	97
95) Naphthalene	15.36	128	329002	17.193	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	179431	18.346	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: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

ClientSampleId :

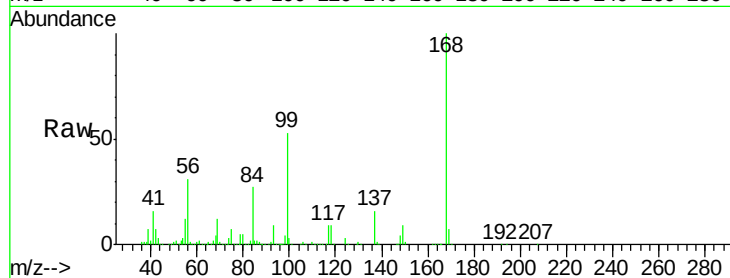
VW0106SBSD01

Tgt Ion:168 Resp: 892293

Ion Ratio Lower Upper

168 100

99 52.8 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

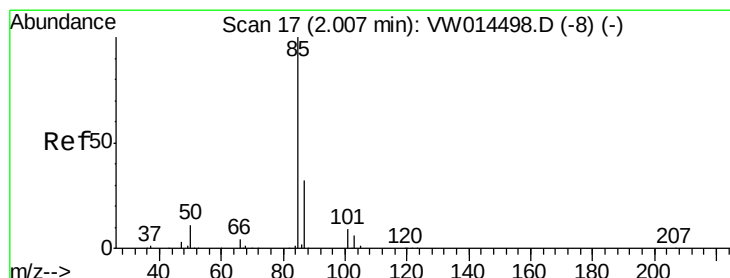
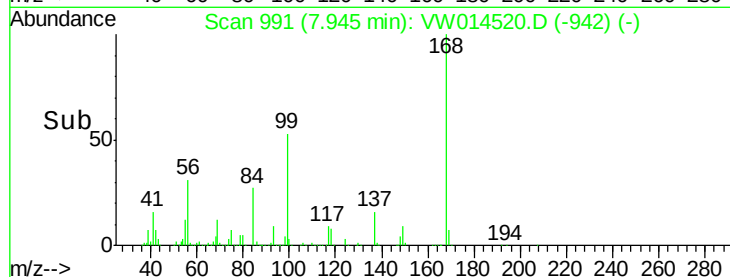
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.101 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW014520.D

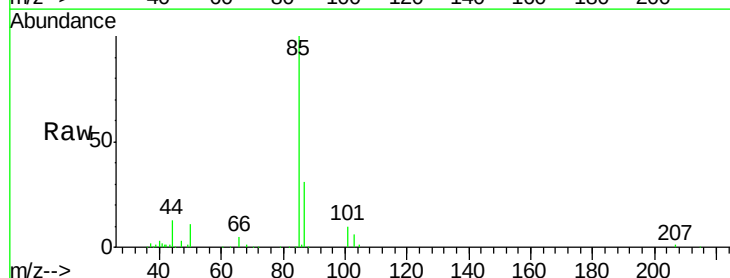
Acq: 06 Jan 2020 13:44

Tgt Ion: 85 Resp: 106306

Ion Ratio Lower Upper

85 100

87 30.6 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

40000

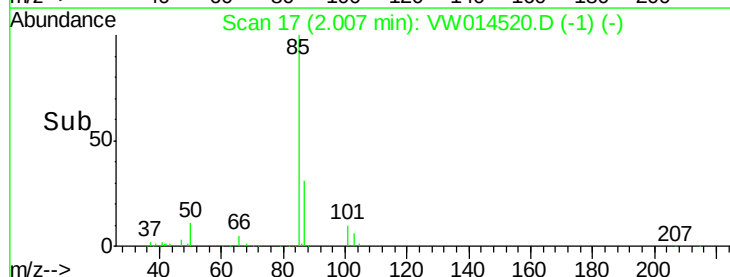
30000

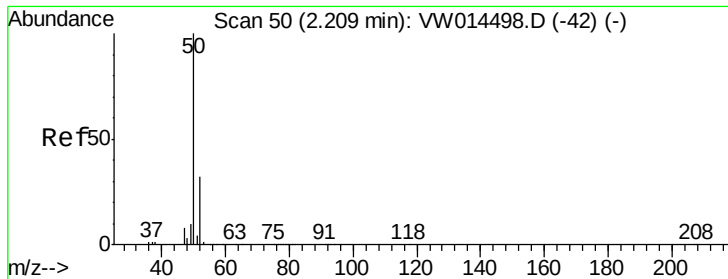
20000

10000

0

Time-->





#3

Chloromethane

Concen: 20.890 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

ClientSampleId :

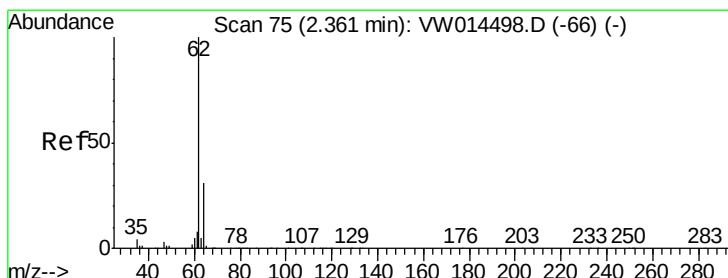
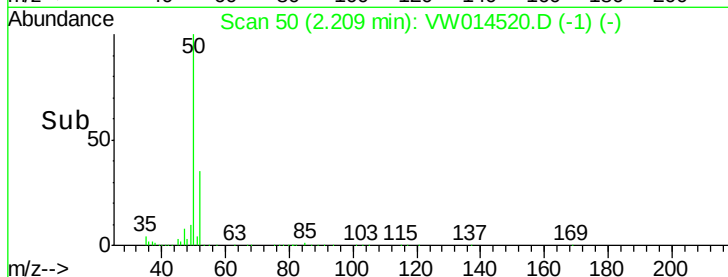
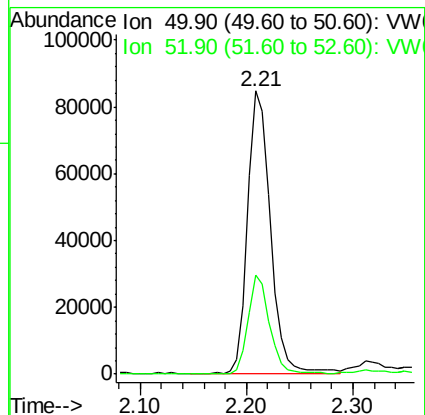
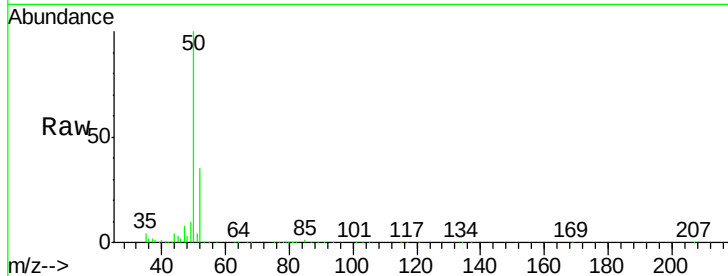
VW0106SBSD01

Tgt Ion: 50 Resp: 128825

Ion Ratio Lower Upper

50 100

52 35.3 25.8 38.8



#4

Vinyl Chloride

Concen: 20.781 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW014520.D

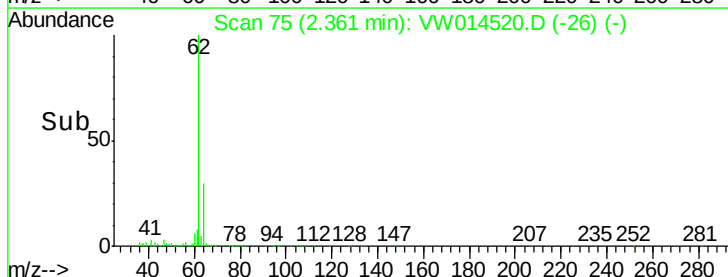
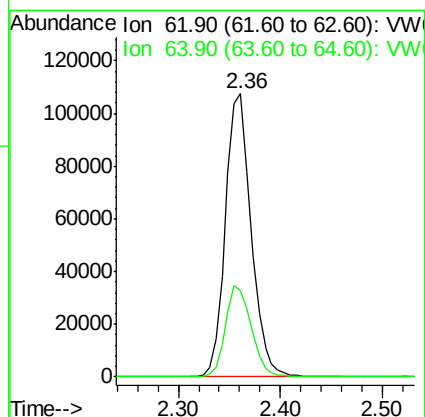
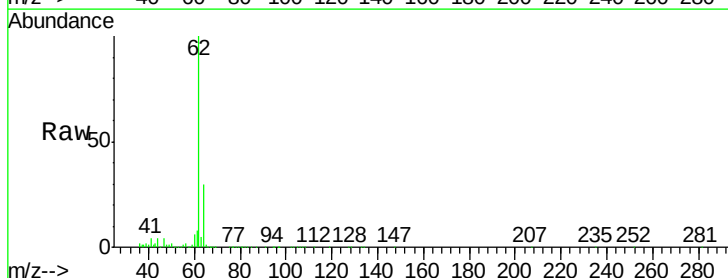
Acq: 06 Jan 2020 13:44

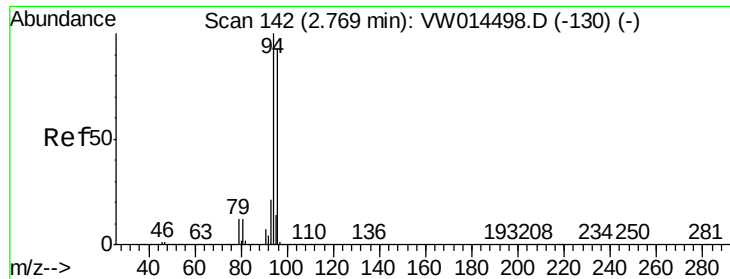
Tgt Ion: 62 Resp: 188484

Ion Ratio Lower Upper

62 100

64 30.1 25.0 37.4





#5

Bromomethane

Concen: 20.322 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

ClientSampleId :

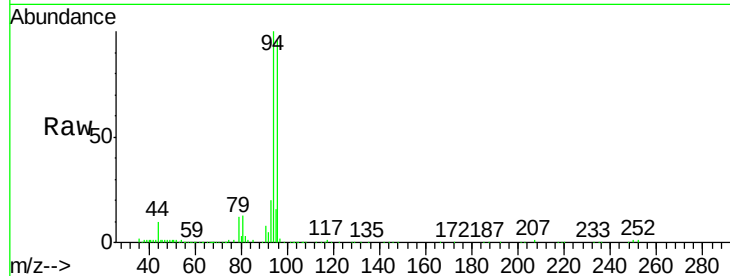
VW0106SBSD01

Tgt Ion: 94 Resp: 113867

Ion Ratio Lower Upper

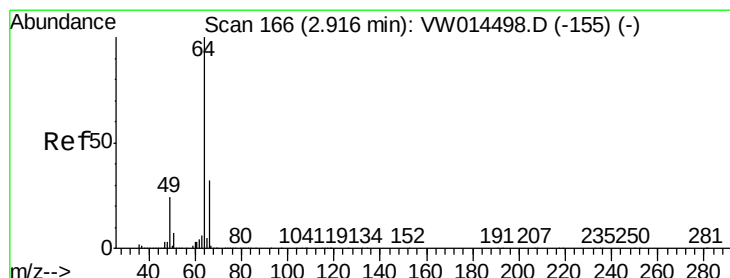
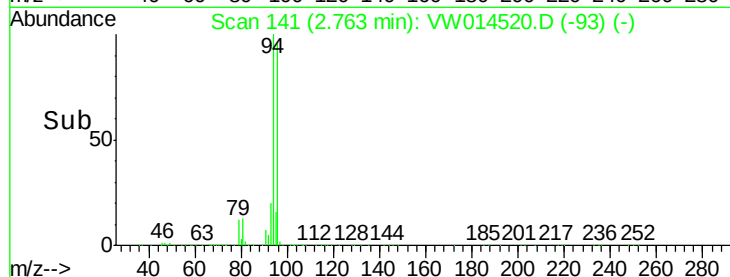
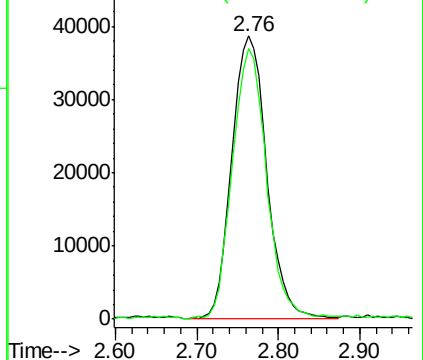
94 100

96 95.5 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: 20.442 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW014520.D

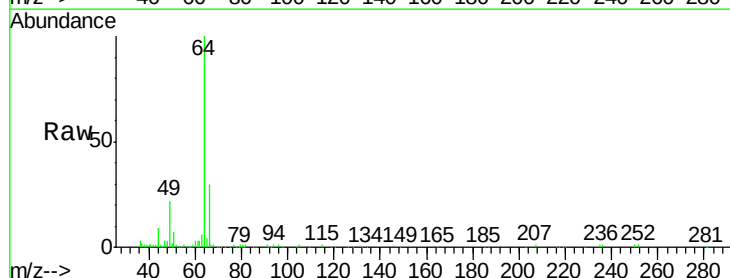
Acq: 06 Jan 2020 13:44

Tgt Ion: 64 Resp: 105692

Ion Ratio Lower Upper

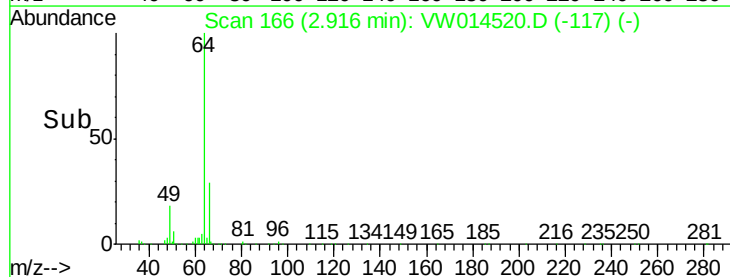
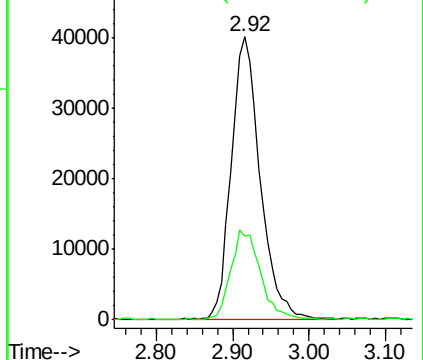
64 100

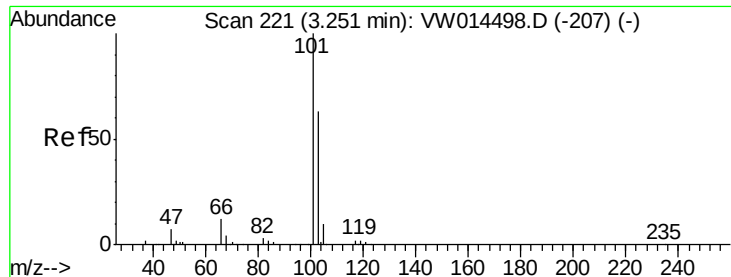
66 29.3 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



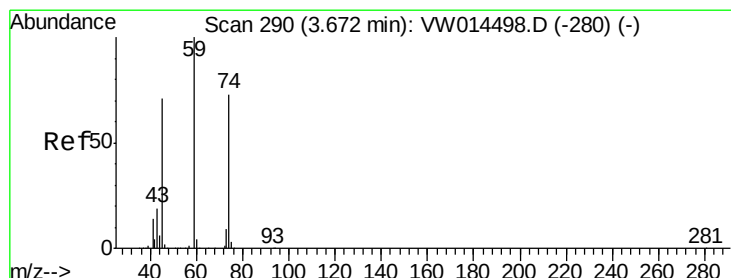
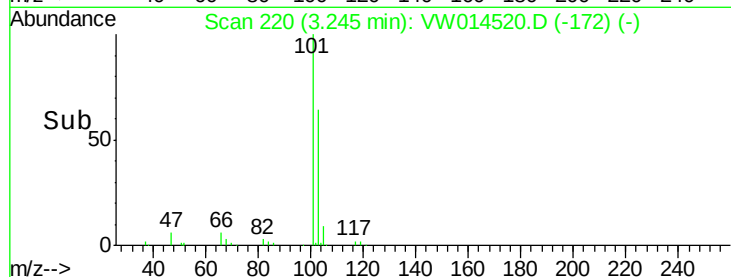
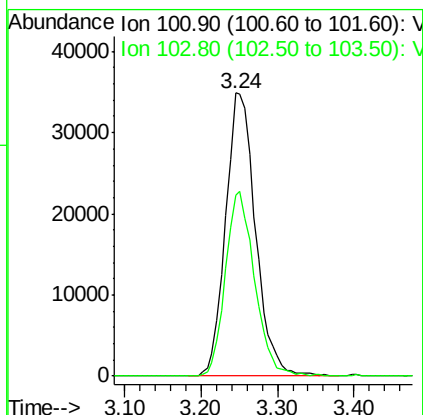
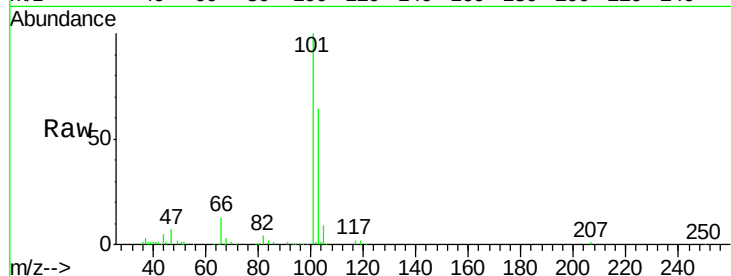


#7

Trichlorofluoromethane
Concen: 20.834 ug/l
RT: 3.24 min Scan# 220
Delta R.T. -0.01 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Instrument :
MSVOA_W
ClientSampleId :
VW0106SBS01

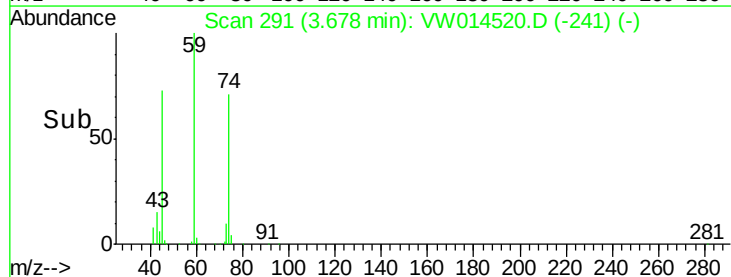
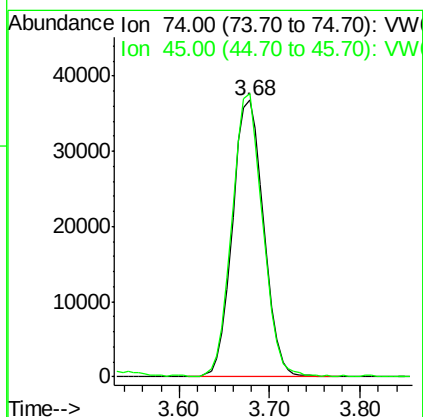
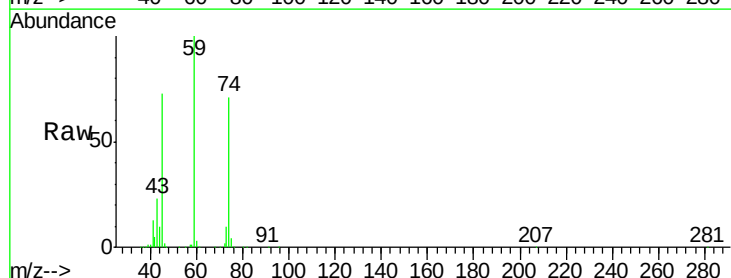
Tgt Ion:101 Resp: 94546
Ion Ratio Lower Upper
101 100
103 63.8 50.1 75.1

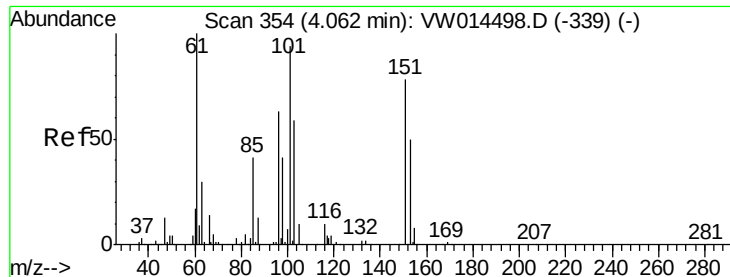


#8

Diethyl Ether
Concen: 19.473 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.01 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Tgt Ion: 74 Resp: 87926
Ion Ratio Lower Upper
74 100
45 100.5 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.148 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

ClientSampleId :

VW0106SBSD01

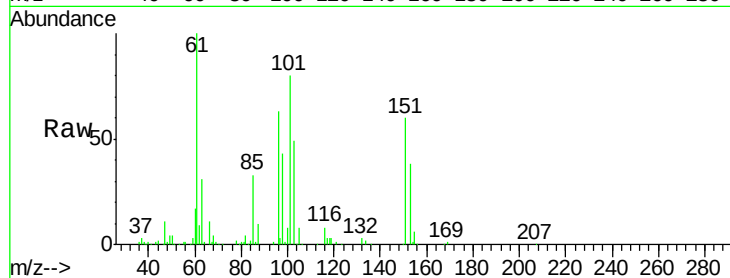
Tgt Ion:101 Resp: 170842

Ion Ratio Lower Upper

101 100

85 42.6 33.7 50.5

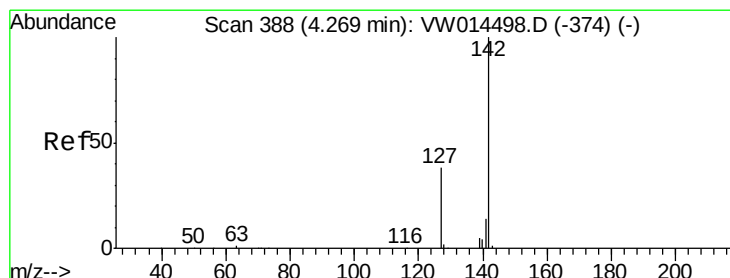
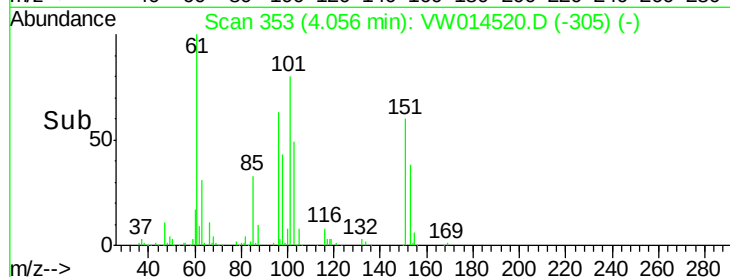
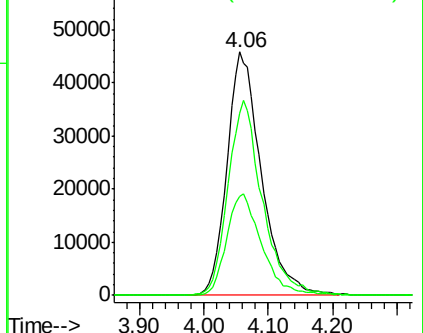
151 80.2 63.5 95.3



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: 19.461 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

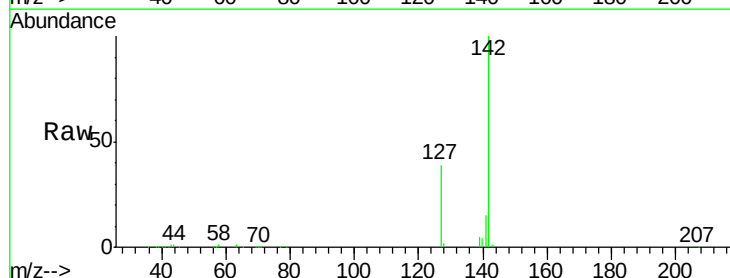
Tgt Ion:142 Resp: 248980

Ion Ratio Lower Upper

142 100

127 39.1 30.2 45.4

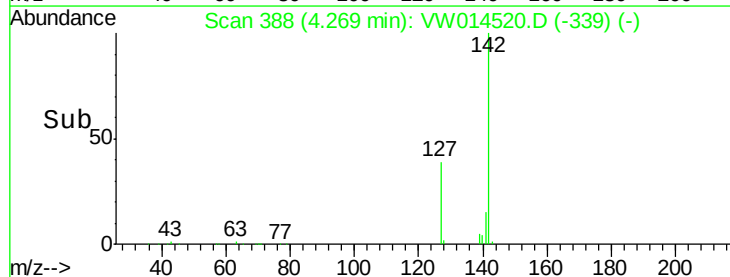
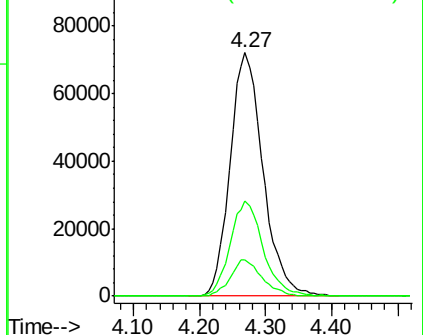
141 14.5 11.4 17.2

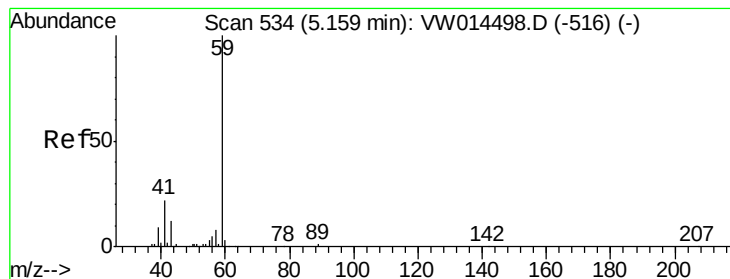


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 84.174 ug/l

RT: 5.15 min Scan# 533

Delta R.T. -0.01 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

ClientSampleId :

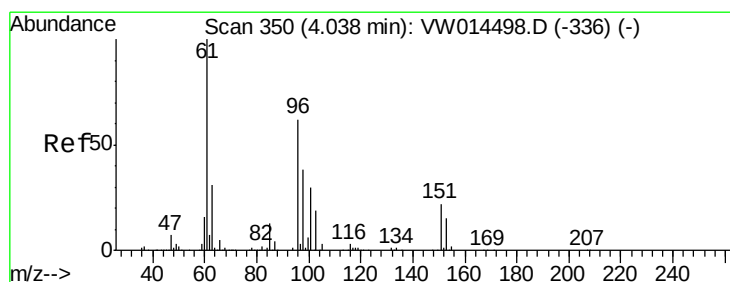
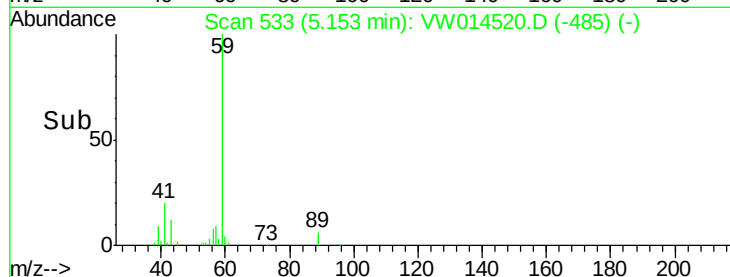
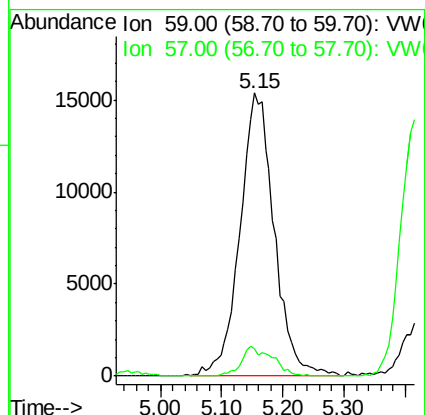
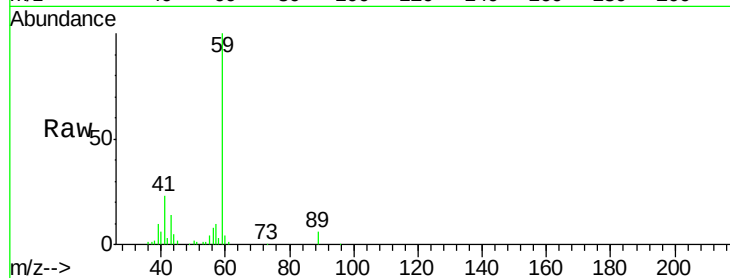
VW0106SBSD01

Tgt Ion: 59 Resp: 59782

Ion Ratio Lower Upper

59 100

57 9.4 7.8 11.8



#12

1,1-Dichloroethene

Concen: 19.630 ug/l

RT: 4.04 min Scan# 351

Delta R.T. 0.01 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

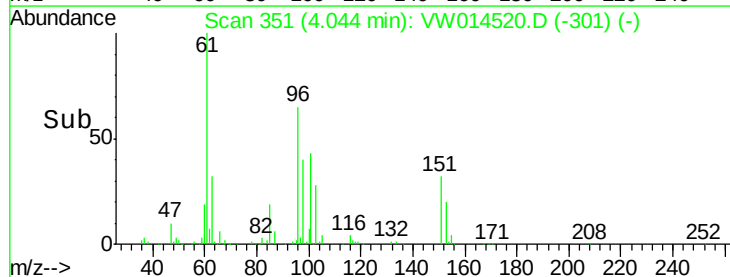
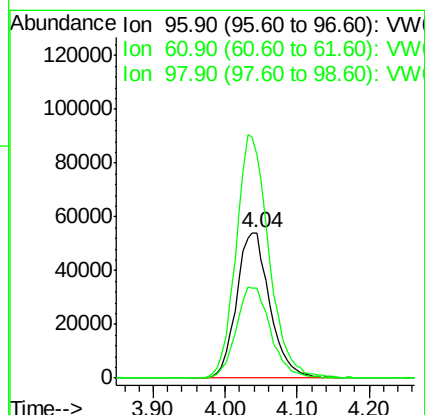
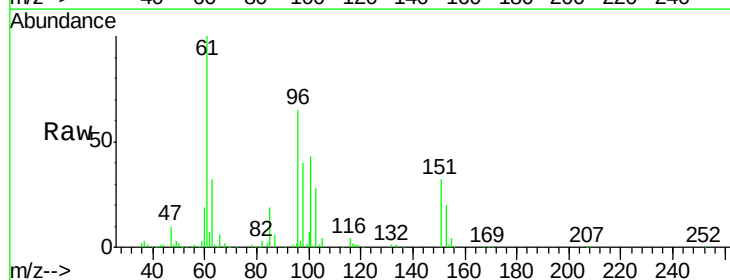
Tgt Ion: 96 Resp: 174312

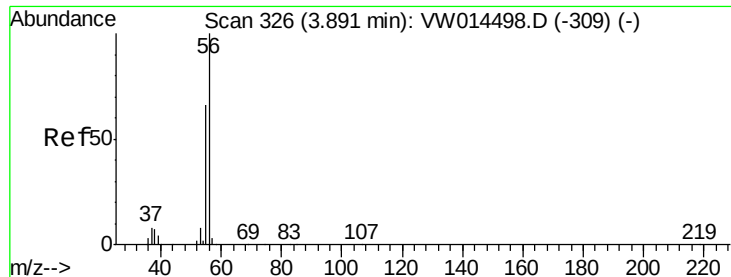
Ion Ratio Lower Upper

96 100

61 153.5 128.4 192.6

98 61.8 49.1 73.7





#13

Acrolein

Concen: 91.876 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

ClientSampleId :

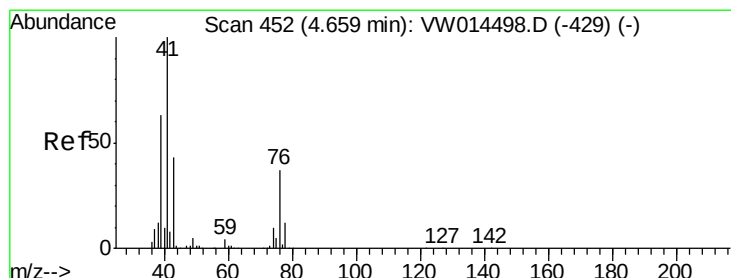
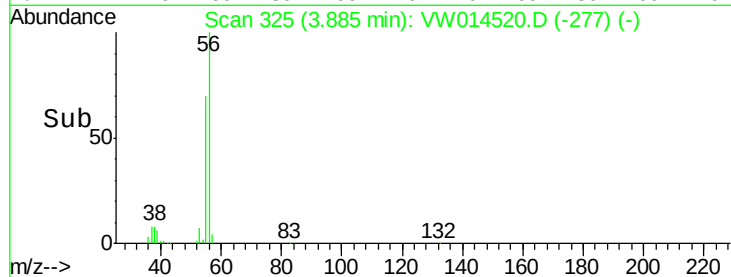
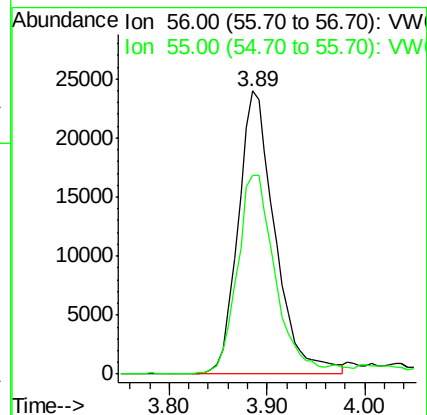
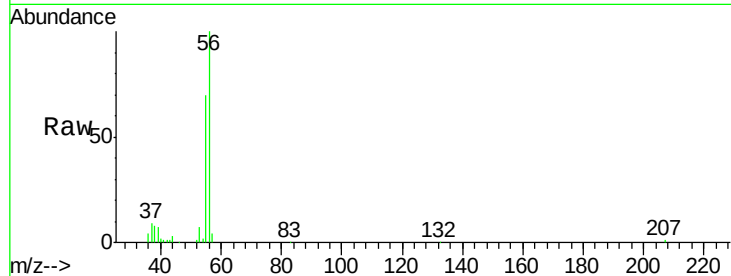
VW0106SBSD01

Tgt Ion: 56 Resp: 62560

Ion Ratio Lower Upper

56 100

55 72.3 56.7 85.1



#14

Allyl chloride

Concen: 20.449 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

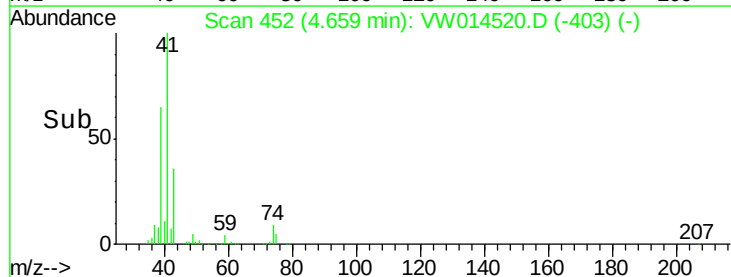
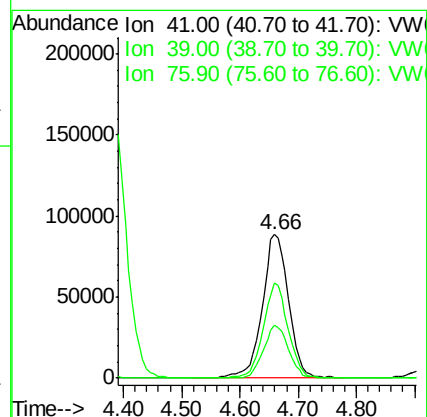
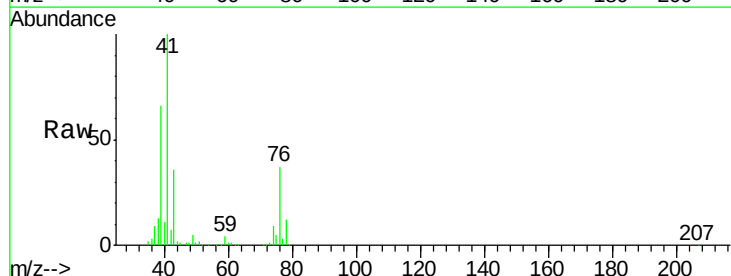
Tgt Ion: 41 Resp: 277480

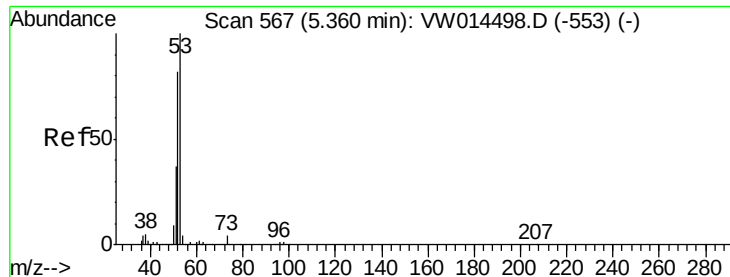
Ion Ratio Lower Upper

41 100

39 61.9 48.5 72.7

76 34.8 28.1 42.1





#15

Acrylonitrile

Concen: 95.985 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

ClientSampleId :

VW0106SBSD01

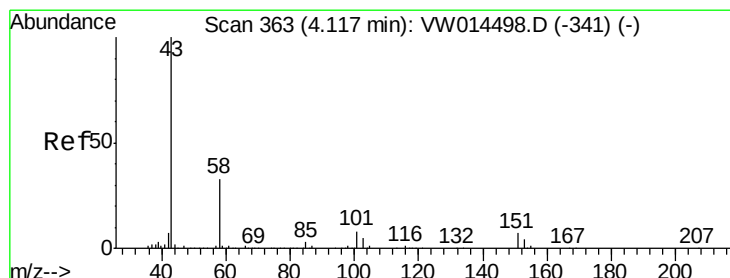
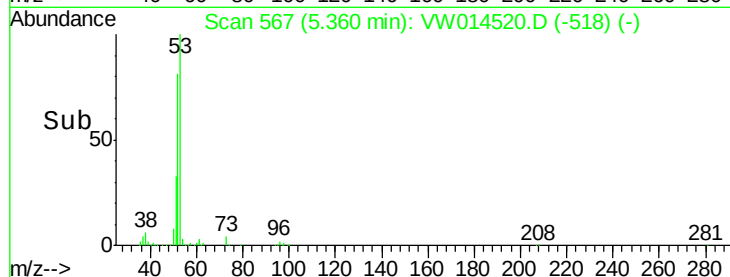
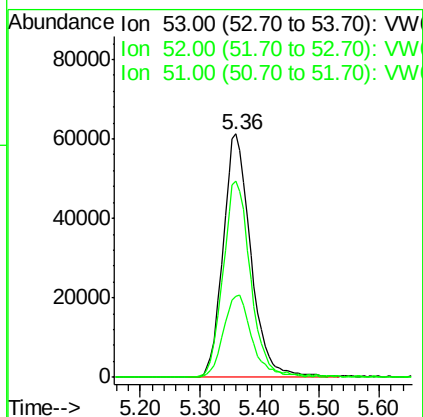
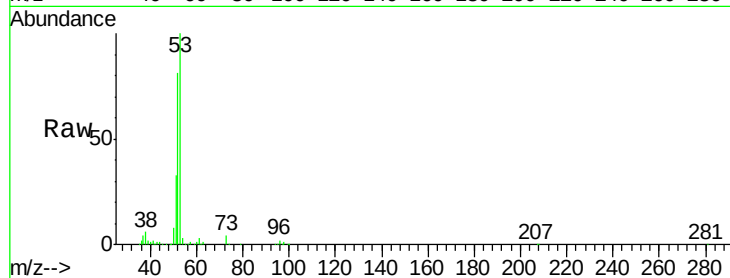
Tgt Ion: 53 Resp: 198105

Ion Ratio Lower Upper

53 100

52 80.2 66.5 99.7

51 35.0 28.4 42.6



#16

Acetone

Concen: 86.535 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW014520.D

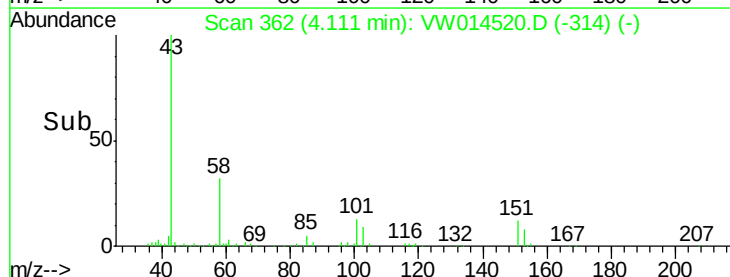
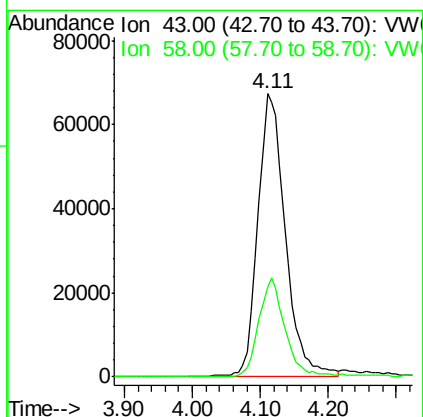
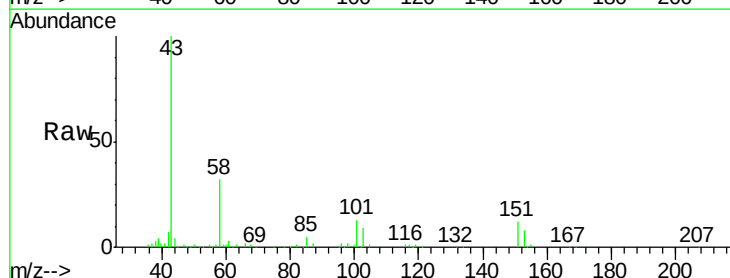
Acq: 06 Jan 2020 13:44

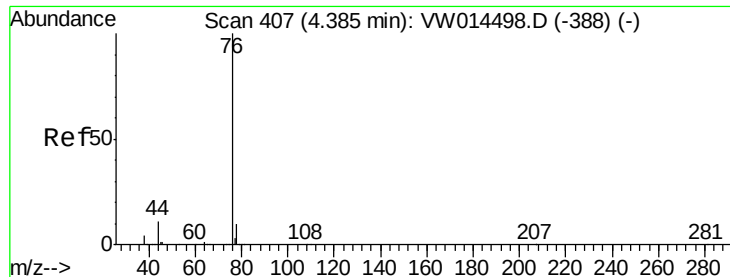
Tgt Ion: 43 Resp: 190625

Ion Ratio Lower Upper

43 100

58 31.6 26.6 39.8





#17

Carbon Disulfide

Concen: 20.167 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

ClientSampleId :

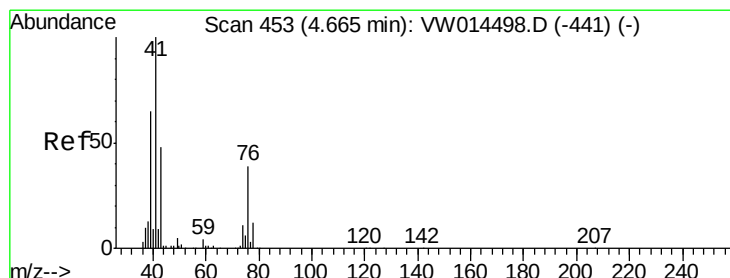
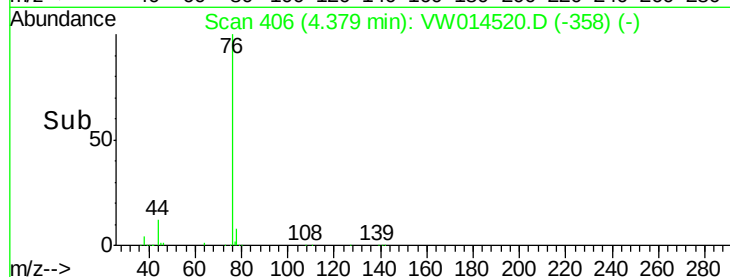
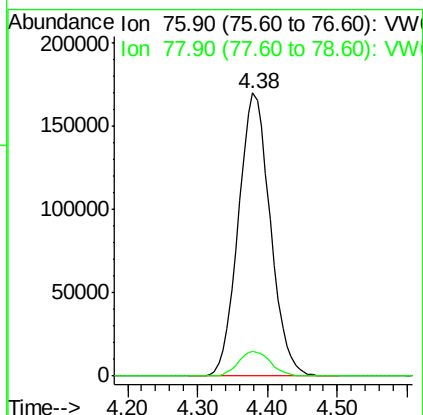
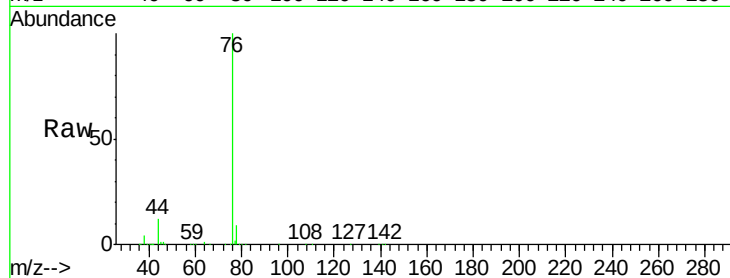
VW0106SBSD01

Tgt Ion: 76 Resp: 539729

Ion Ratio Lower Upper

76 100

78 8.6 7.8 11.6



#18

Methyl Acetate

Concen: 19.008 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW014520.D

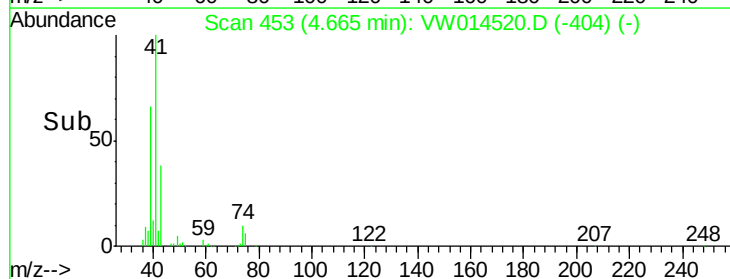
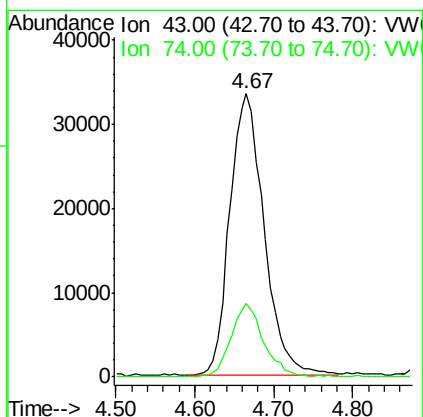
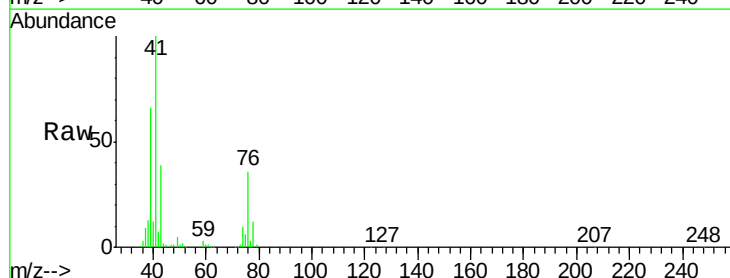
Acq: 06 Jan 2020 13:44

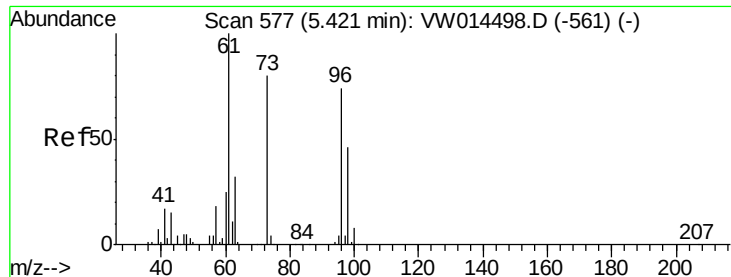
Tgt Ion: 43 Resp: 101129

Ion Ratio Lower Upper

43 100

74 24.8 19.3 28.9

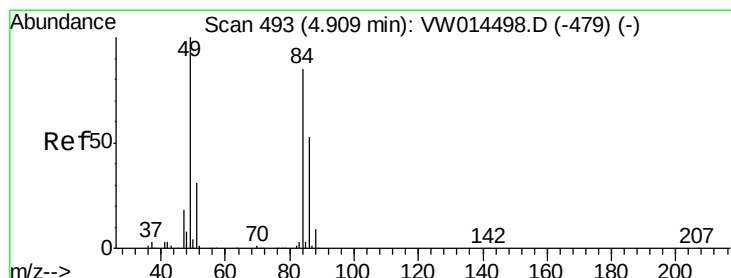
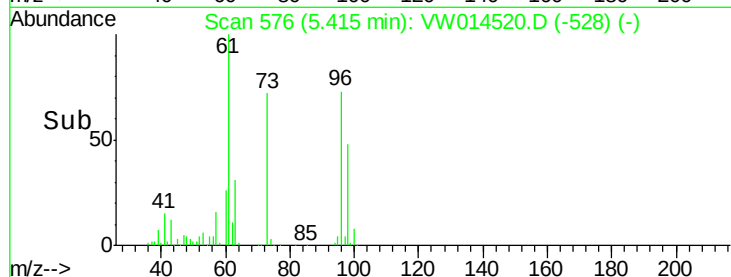
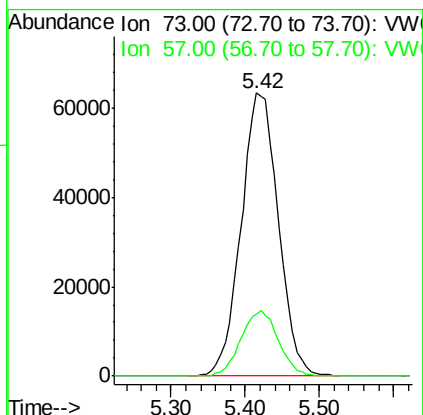
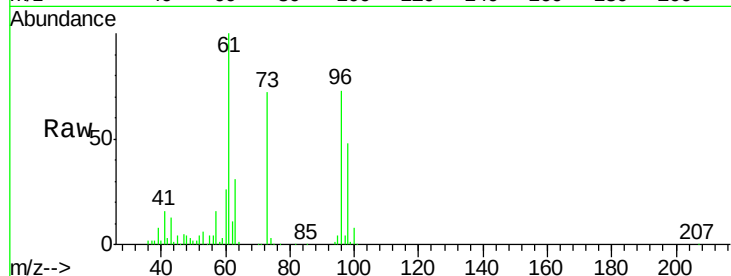




#19
Methyl tert-butyl Ether
Concen: 20.142 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

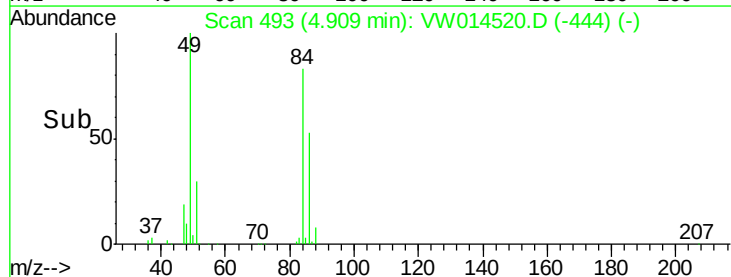
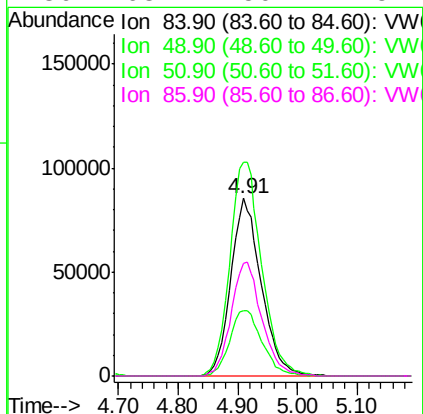
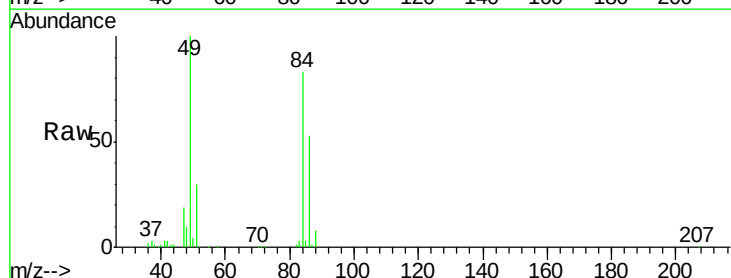
Instrument :
MSVOA_W
ClientSampleId :
VW0106SBSD01

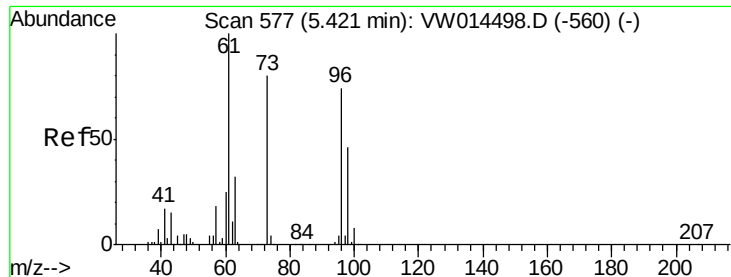
Tgt Ion: 73 Resp: 222015
Ion Ratio Lower Upper
73 100
57 22.0 18.1 27.1



#20
Methylene Chloride
Concen: 32.421 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Tgt Ion: 84 Resp: 303026
Ion Ratio Lower Upper
84 100
49 120.3 94.4 141.6
51 36.6 29.5 44.3
86 63.4 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 20.210 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

ClientSampleId :

VW0106SBSD01

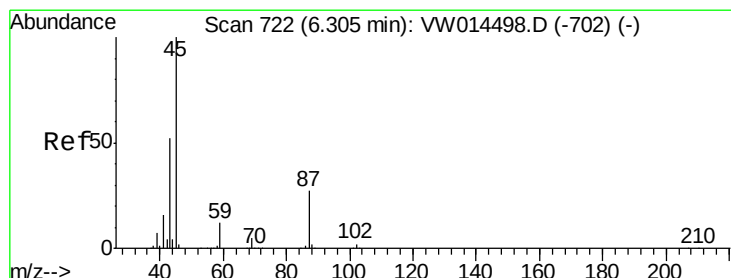
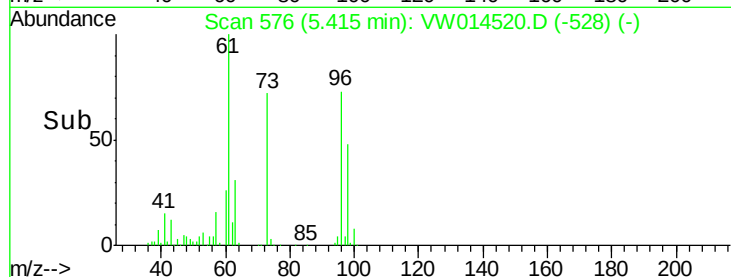
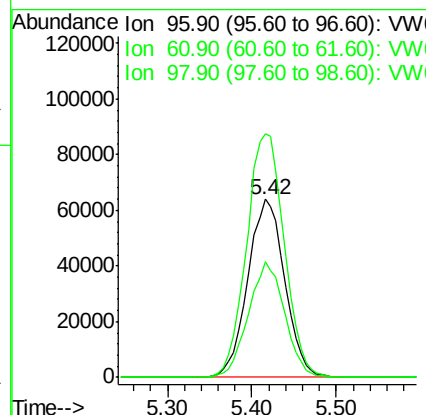
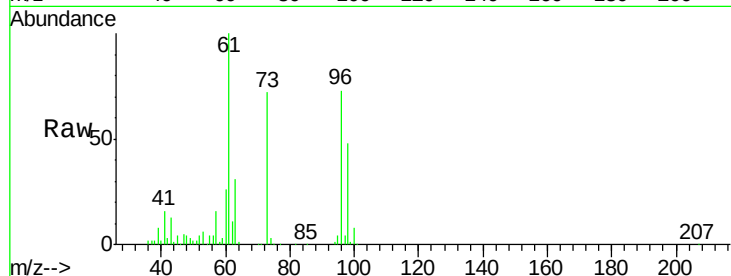
Tgt Ion: 96 Resp: 190550

Ion Ratio Lower Upper

96 100

61 136.7 107.8 161.6

98 65.1 49.4 74.0



#22

Diisopropyl ether

Concen: 21.147 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Tgt Ion: 45 Resp: 537097

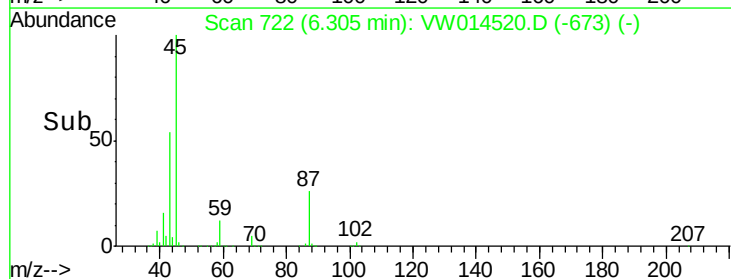
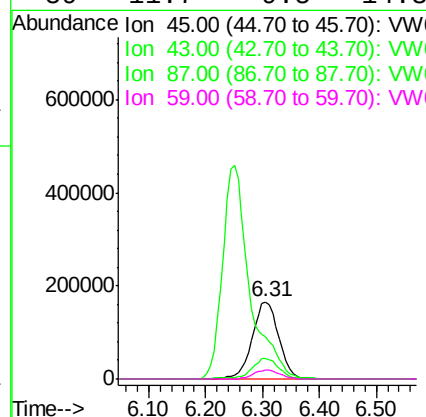
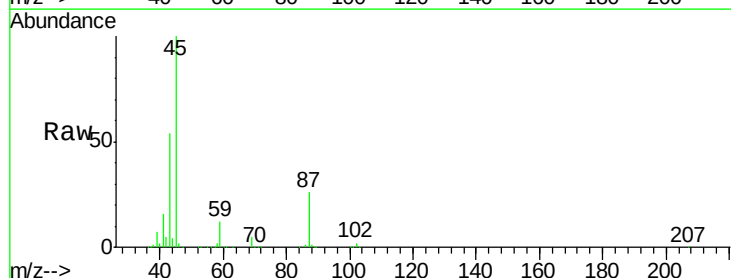
Ion Ratio Lower Upper

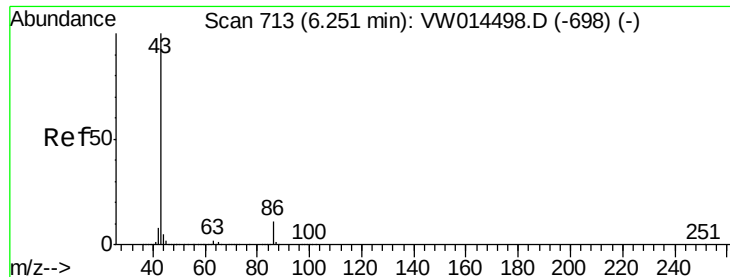
45 100

43 53.9 41.4 62.0

87 26.0 22.2 33.2

59 11.7 9.5 14.3





#23

Vinyl Acetate

Concen: 99.672 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

ClientSampleId :

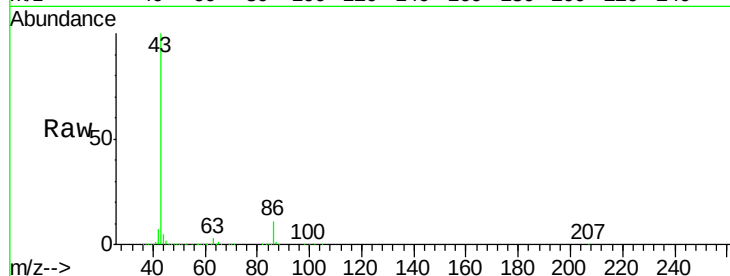
VW0106SBSD01

Tgt Ion: 43 Resp: 1528680

Ion Ratio Lower Upper

43 100

86 10.6 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

500000

400000

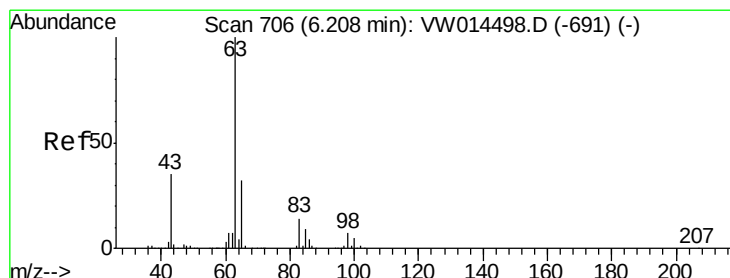
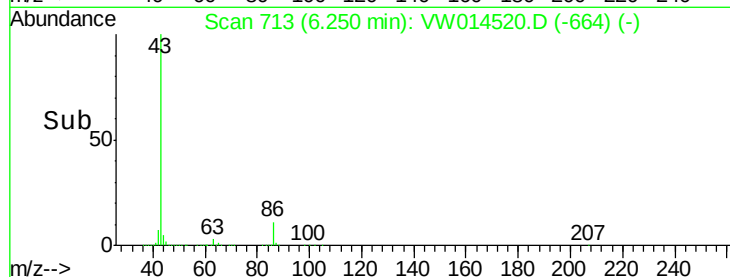
300000

200000

100000

0

Time--> 6.00 6.20 6.40



#24

1,1-Dichloroethane

Concen: 20.563 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

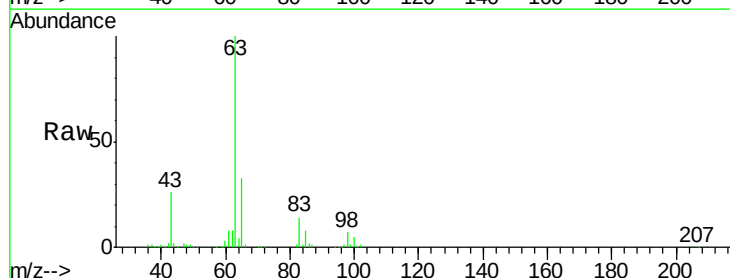
Tgt Ion: 63 Resp: 329439

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 4.6 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

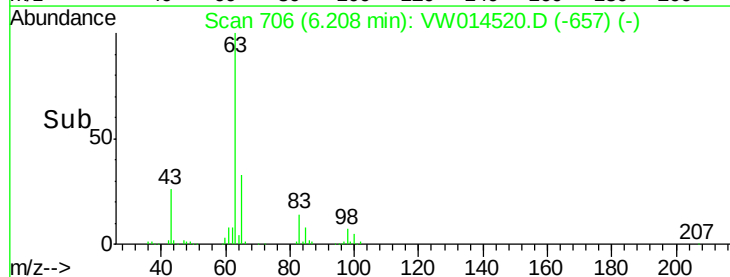
150000

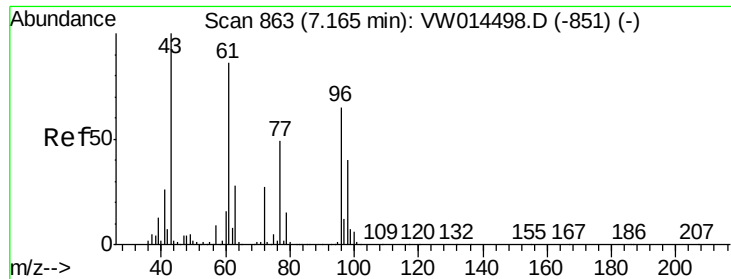
100000

50000

0

Time--> 6.10 6.20 6.30





#25

2-Butanone

Concen: 90.303 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

ClientSampleId :

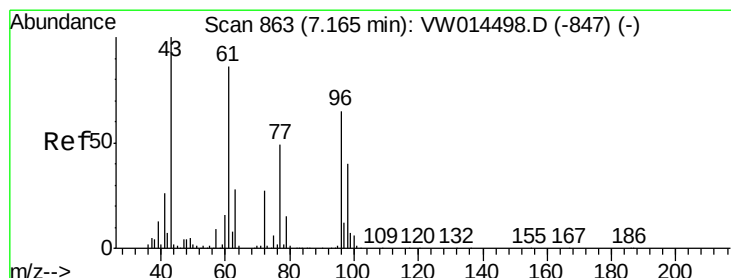
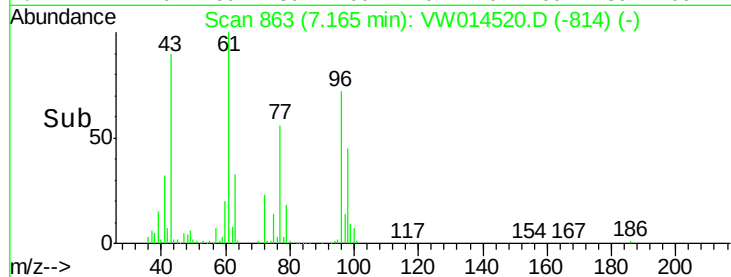
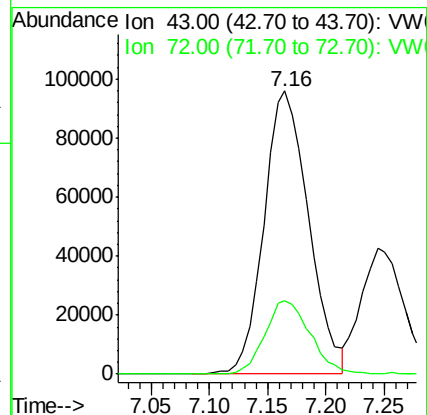
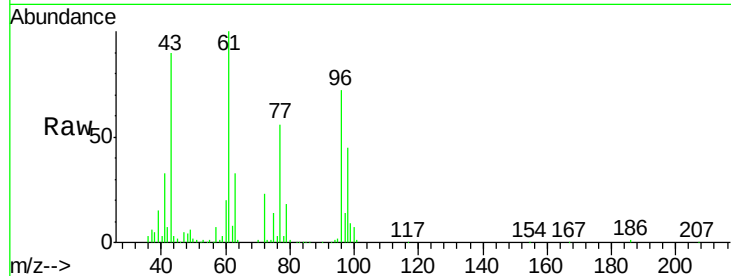
VW0106SBS01

Tgt Ion: 43 Resp: 255287

Ion Ratio Lower Upper

43 100

72 26.0 21.9 32.9



#26

2,2-Dichloropropane

Concen: 20.386 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW014520.D

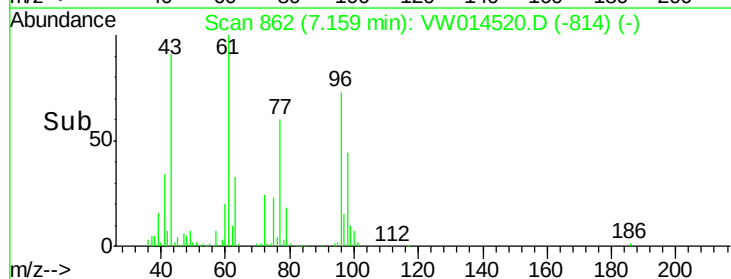
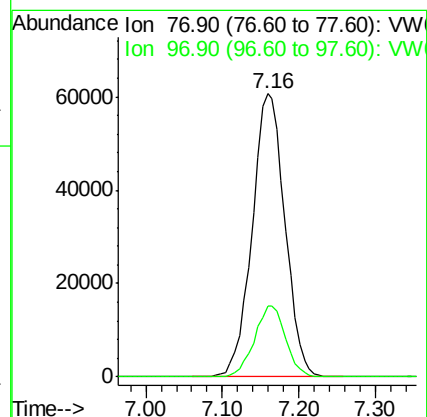
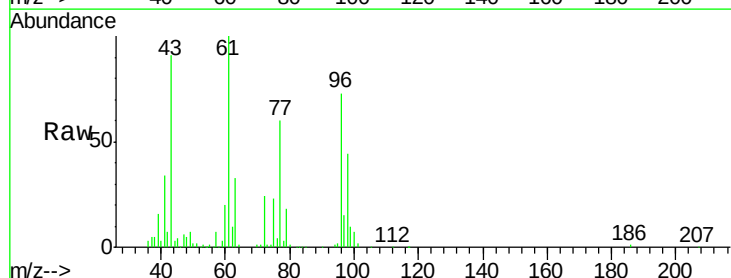
Acq: 06 Jan 2020 13:44

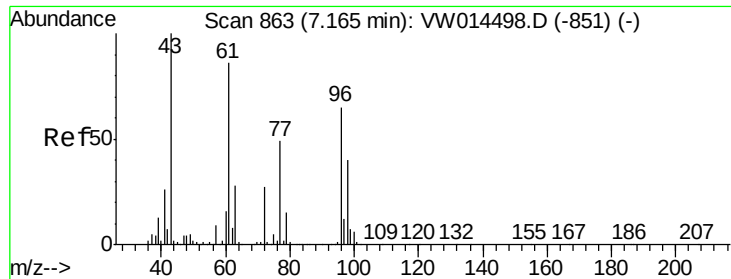
Tgt Ion: 77 Resp: 180822

Ion Ratio Lower Upper

77 100

97 23.8 12.5 37.5



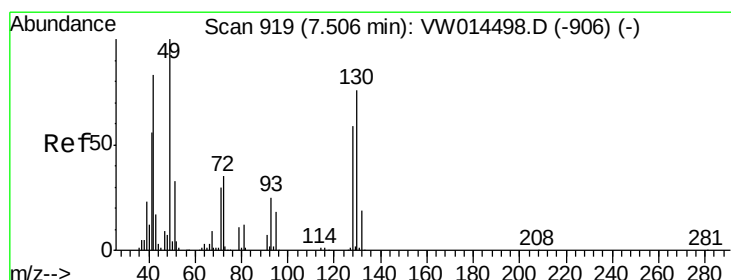
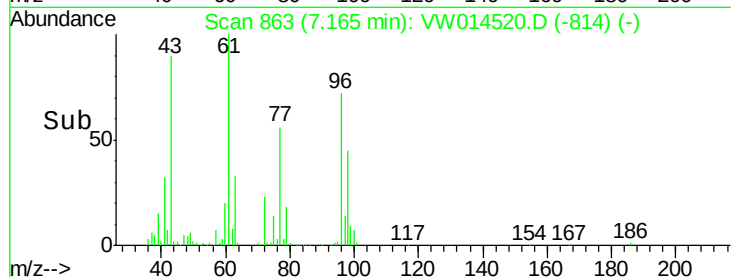
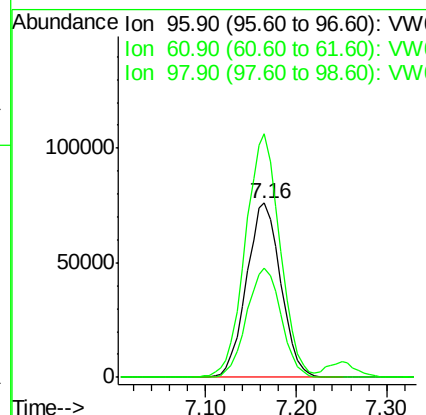
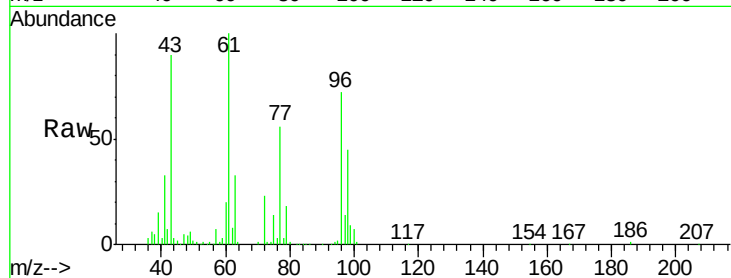


#27

cis-1,2-Dichloroethene
Concen: 20.056 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Instrument :
MSVOA_W
ClientSampleId :
VW0106SBSD01

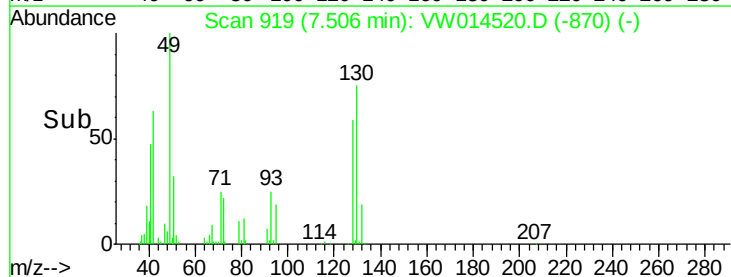
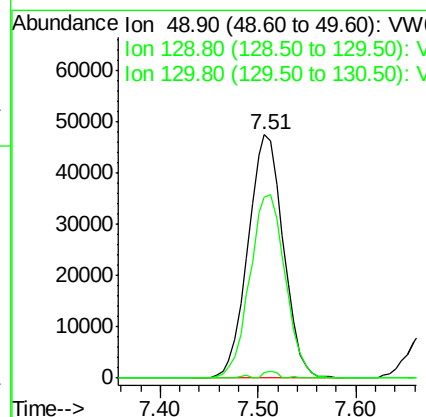
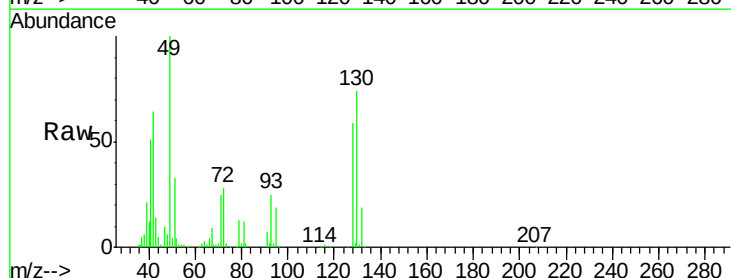
Tgt Ion	Ratio	Lower	Upper
96	100		
61	141.6	0.0	274.8
98	63.5	0.0	128.6

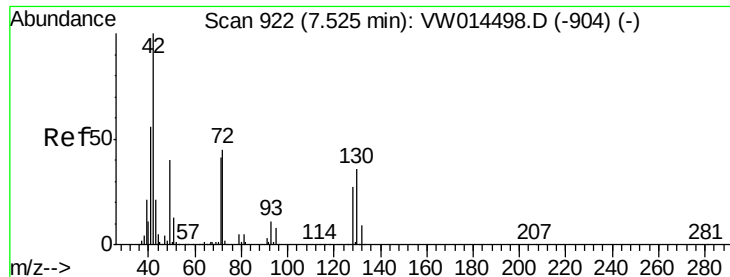


#28

Bromochloromethane
Concen: 19.014 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	2.0
130	75.7	62.5	93.7





#29

Tetrahydrofuran

Concen: 91.044 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

ClientSampleId :

VW0106SBSD01

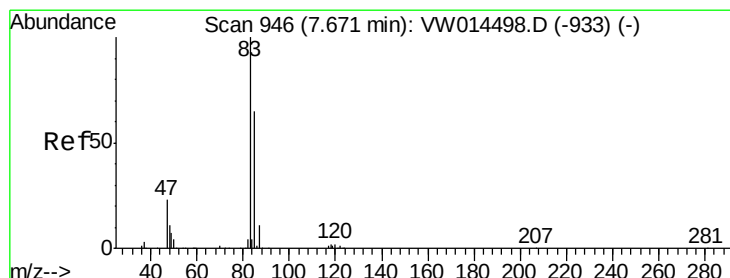
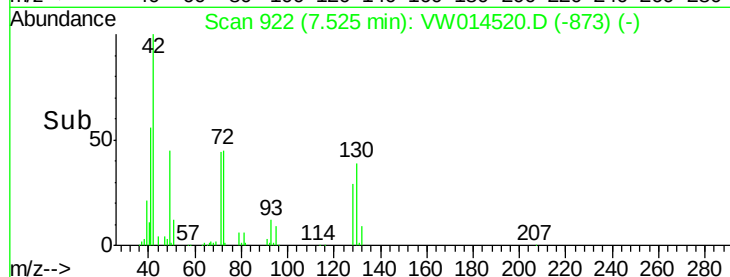
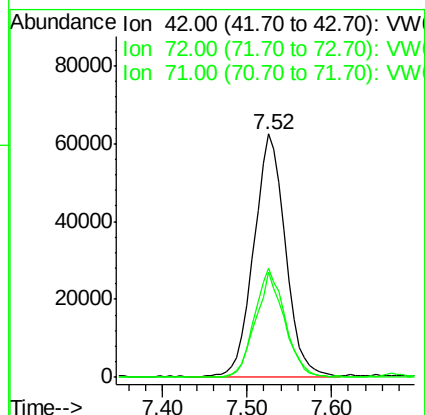
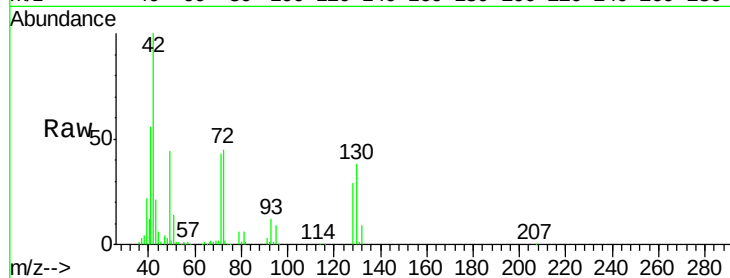
Tgt Ion: 42 Resp: 159449

Ion Ratio Lower Upper

42 100

72 43.7 34.5 51.7

71 40.0 32.0 48.0



#30

Chloroform

Concen: 20.524 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.00 min

Lab File: VW014520.D

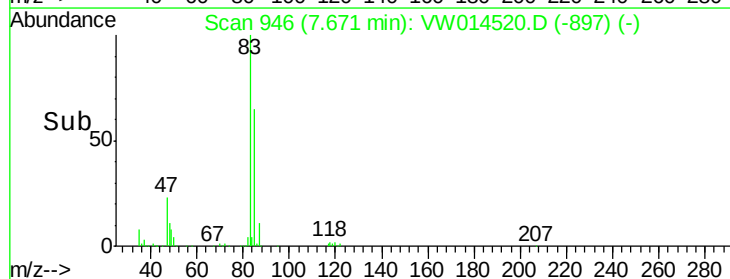
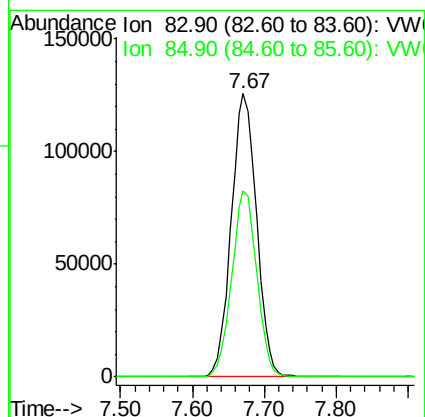
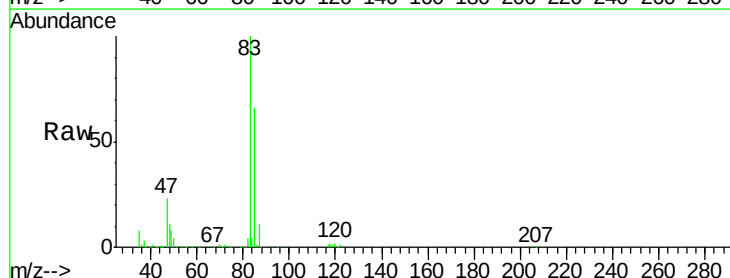
Acq: 06 Jan 2020 13:44

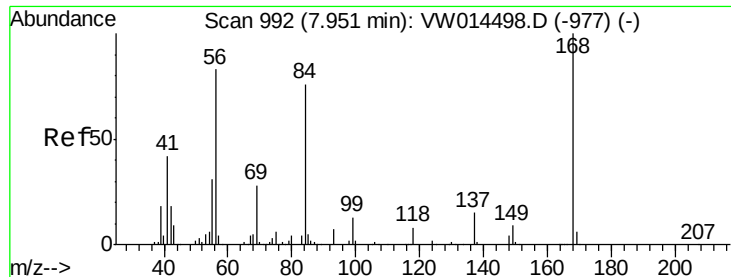
Tgt Ion: 83 Resp: 307488

Ion Ratio Lower Upper

83 100

85 65.6 52.2 78.2

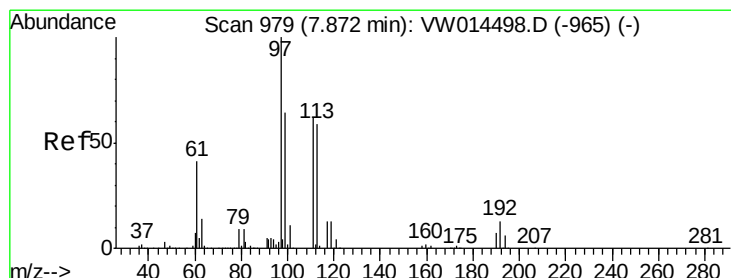
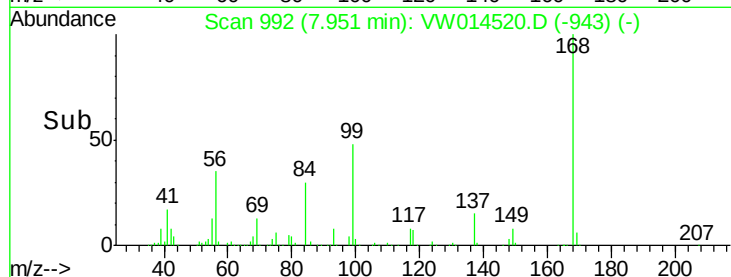
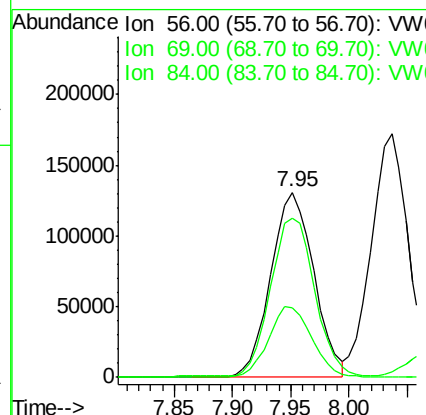
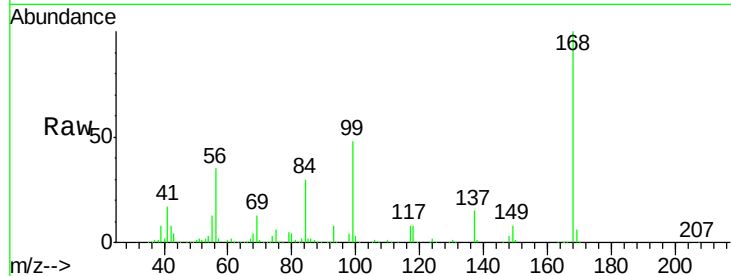




#31
Cyclohexane
Concen: 20.144 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

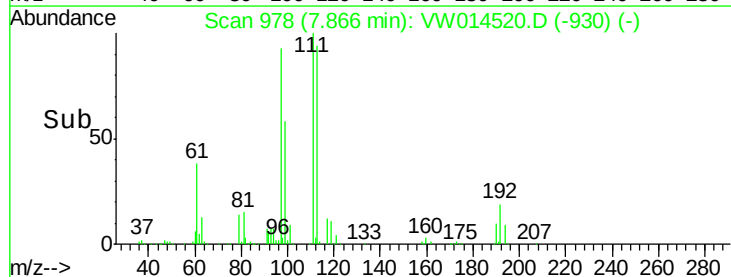
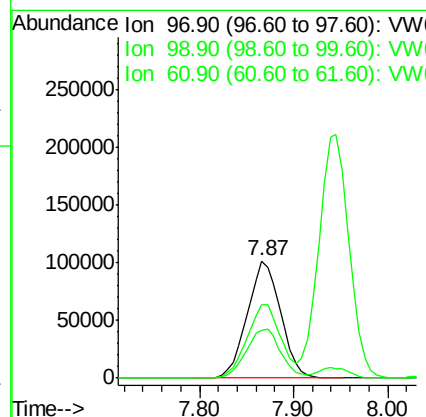
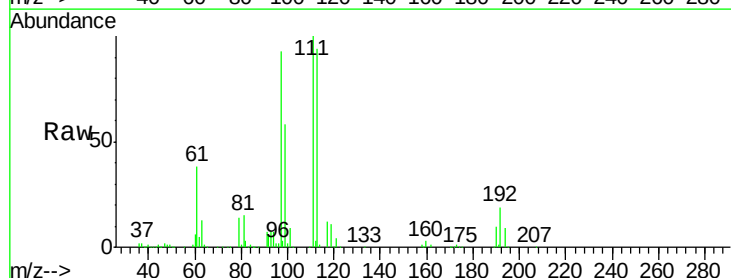
Instrument :
MSVOA_W
ClientSampleId :
VW0106SBSD01

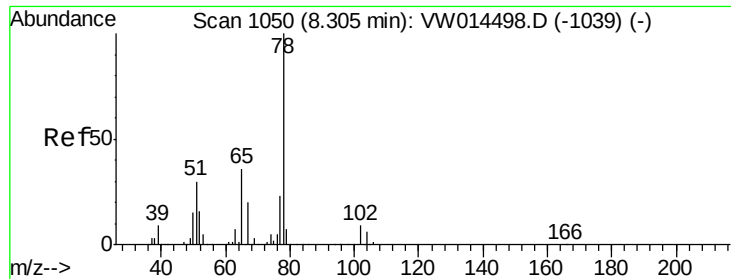
Tgt Ion: 56 Resp: 335399
Ion Ratio Lower Upper
56 100
69 37.4 26.8 40.2
84 85.0 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 21.003 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Tgt Ion: 97 Resp: 253069
Ion Ratio Lower Upper
97 100
99 63.5 51.8 77.6
61 43.1 33.8 50.8

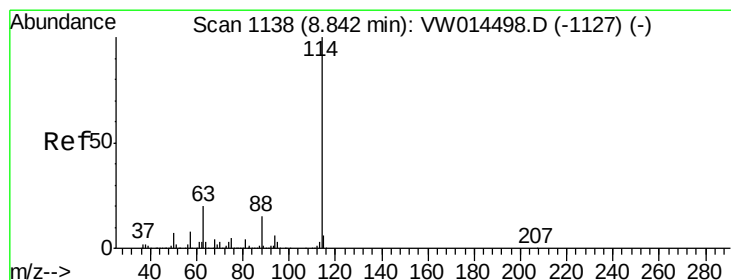
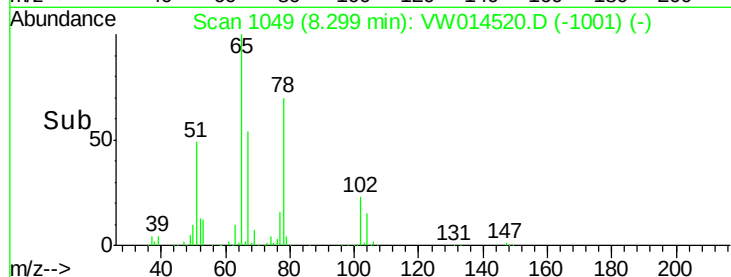
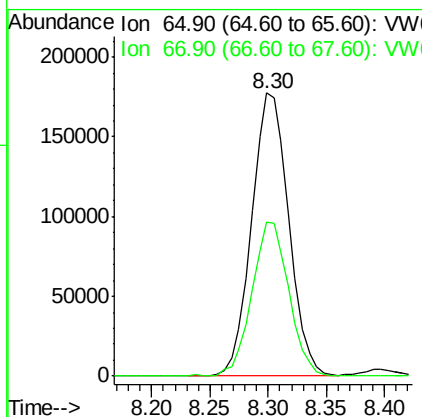
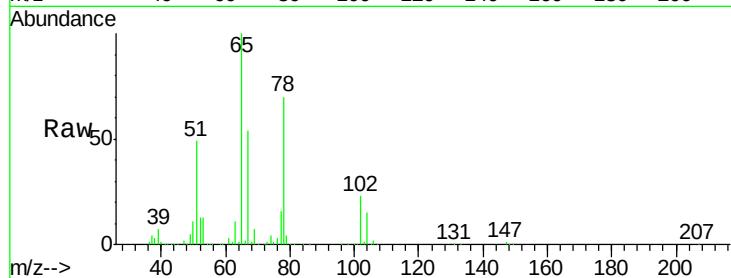




#33
 1,2-Dichloroethane-d4
 Concen: 50.572 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW014520.D
 Acq: 06 Jan 2020 13:44

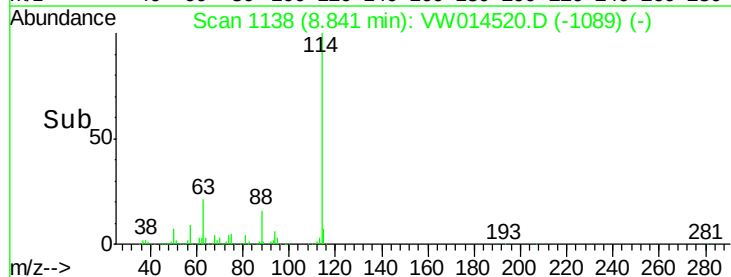
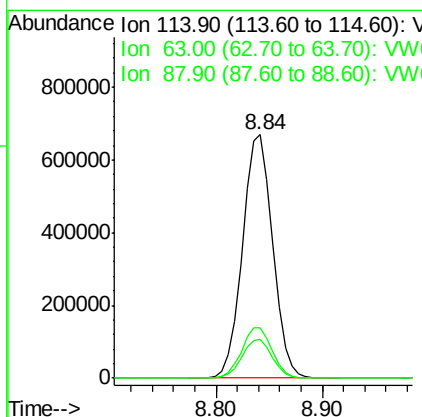
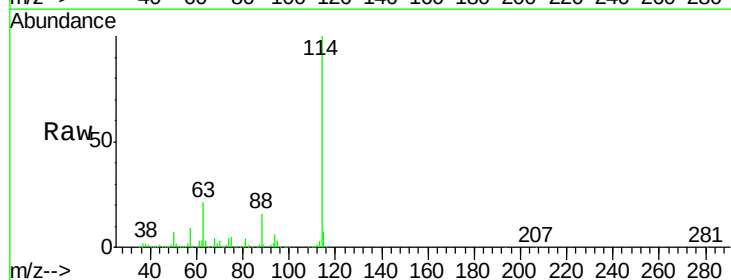
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0106SBSD01

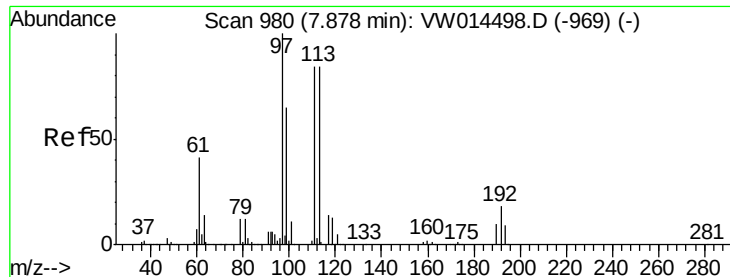
Tgt Ion: 65 Resp: 394537
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW014520.D
 Acq: 06 Jan 2020 13:44

Tgt Ion: 114 Resp: 1332150
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.4
 88 15.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.060 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

ClientSampleId :

VW0106SBSD01

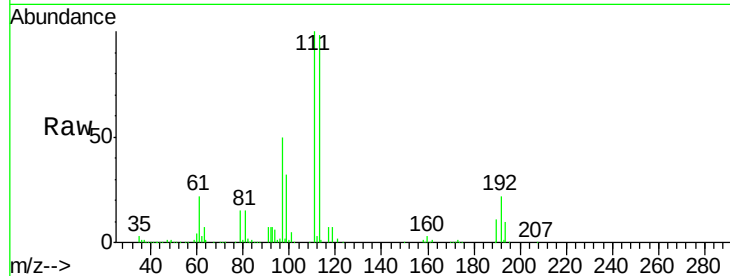
Tgt Ion:113 Resp: 381127

Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.2

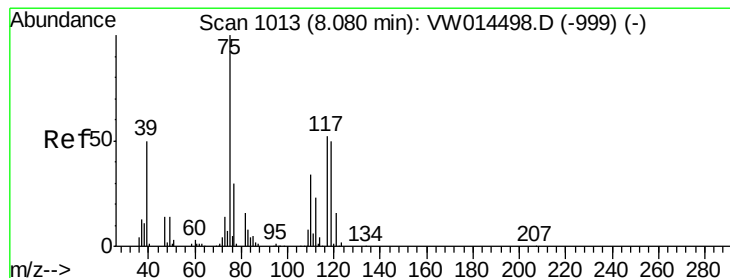
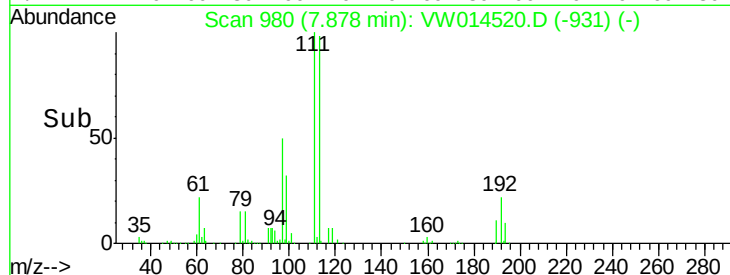
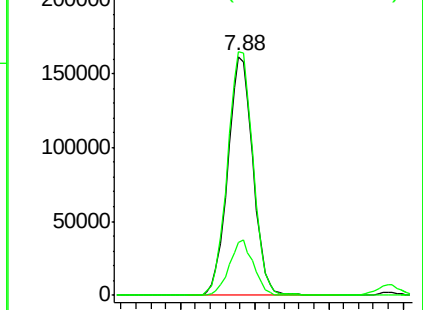
192 22.2 17.8 26.8



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: 20.726 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

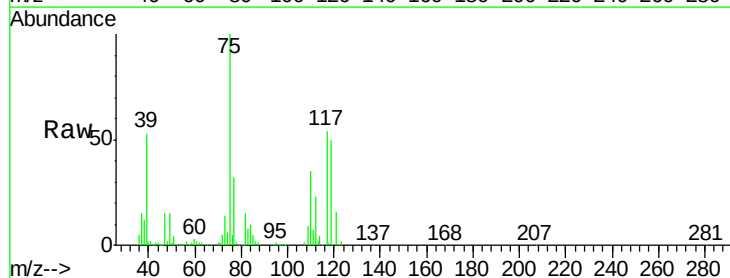
Tgt Ion: 75 Resp: 266177

Ion Ratio Lower Upper

75 100

110 34.4 17.8 53.5

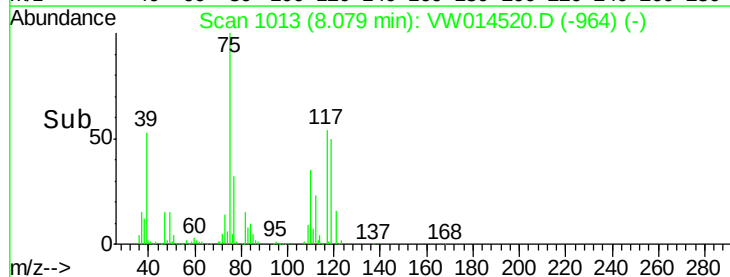
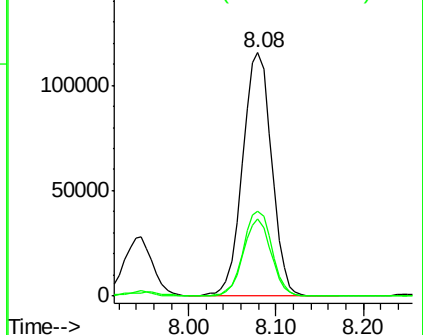
77 30.7 24.7 37.1

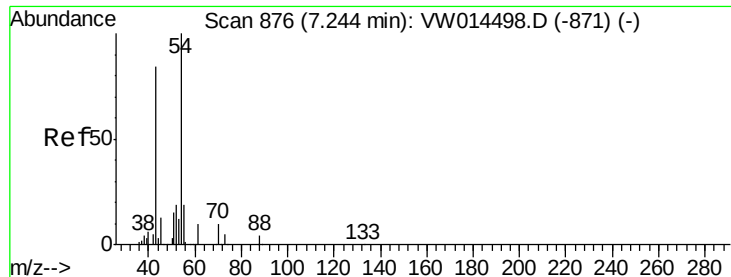


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

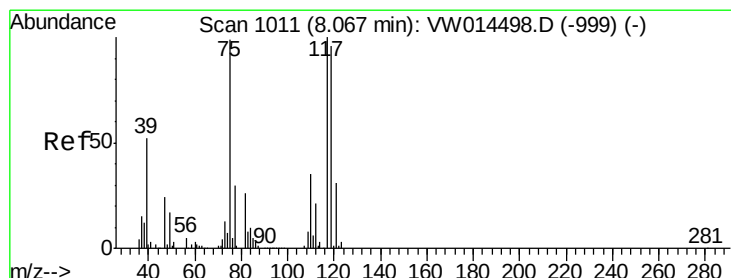
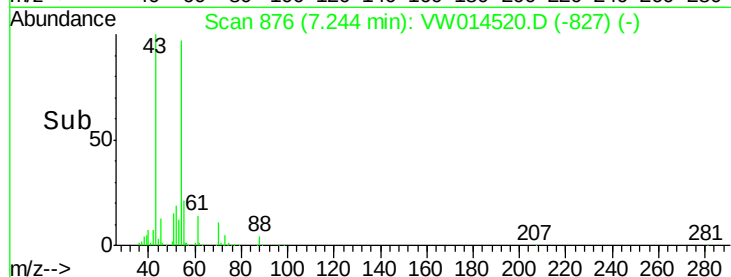
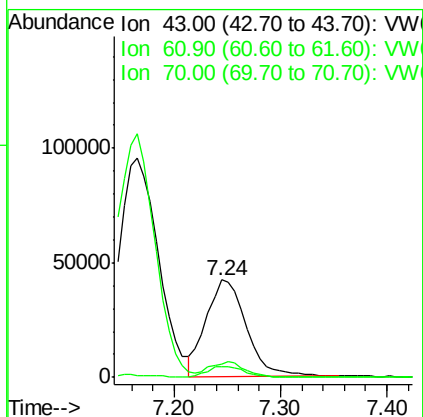
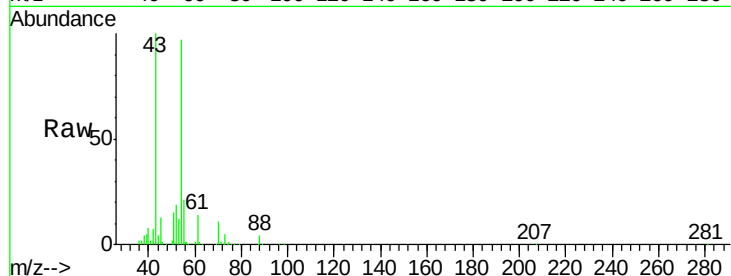




#37
 Ethyl Acetate
 Concen: 18.906 ug/l
 RT: 7.24 min Scan# 876
 Delta R.T. -0.00 min
 Lab File: VW014520.D
 Acq: 06 Jan 2020 13:44

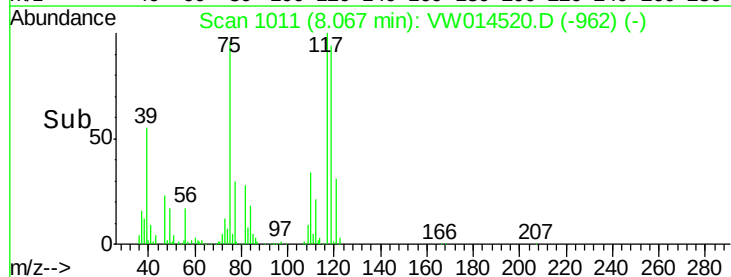
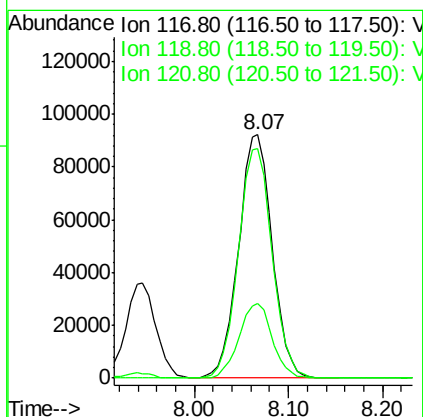
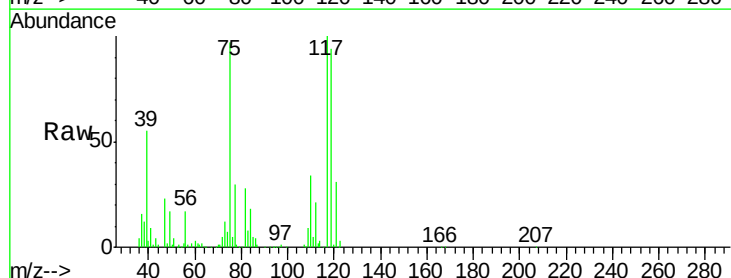
Instrument :
 MSVOA_W
 ClientSampled :
 VW0106SBSD01

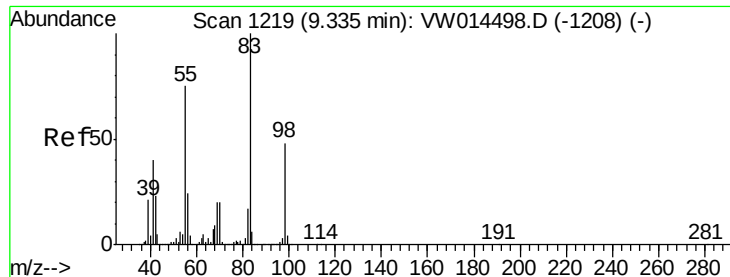
Tgt Ion: 43 Resp: 110116
 Ion Ratio Lower Upper
 43 100
 61 14.5 11.7 17.5
 70 11.0 9.0 13.6



#38
 Carbon Tetrachloride
 Concen: 20.654 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: VW014520.D
 Acq: 06 Jan 2020 13:44

Tgt Ion: 117 Resp: 230122
 Ion Ratio Lower Upper
 117 100
 119 94.4 77.0 115.6
 121 30.8 24.6 36.8





#39

Methylcyclohexane

Concen: 19.559 ug/l

RT: 9.33 min Scan# 1218

Delta R.T. -0.01 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

ClientSampleId :

VW0106SBSD01

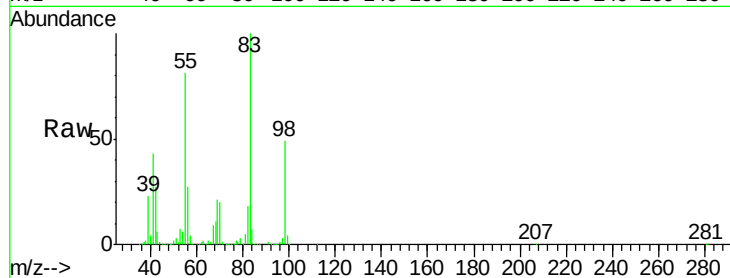
Tgt Ion: 83 Resp: 322344

Ion Ratio Lower Upper

83 100

55 80.8 60.1 90.1

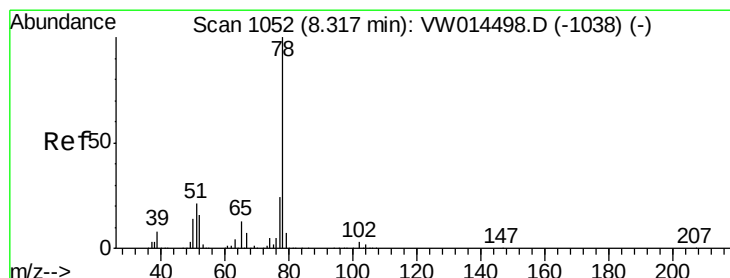
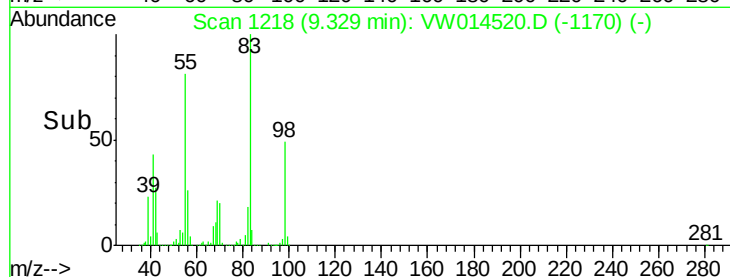
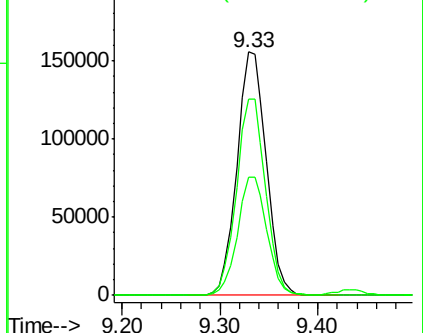
98 48.7 38.8 58.2



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW



#40

Benzene

Concen: 20.949 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VW014520.D

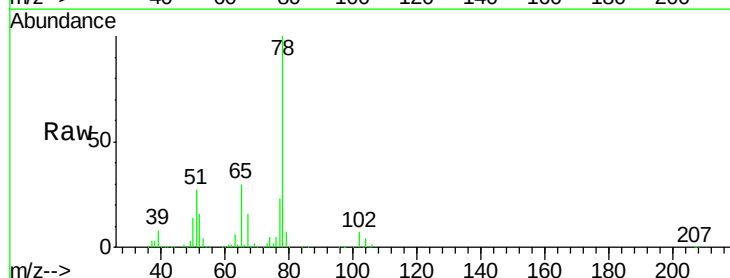
Acq: 06 Jan 2020 13:44

Tgt Ion: 78 Resp: 761222

Ion Ratio Lower Upper

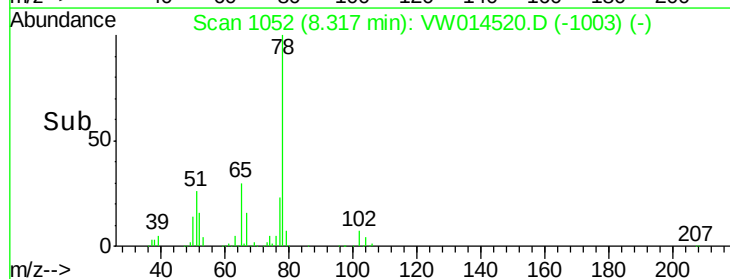
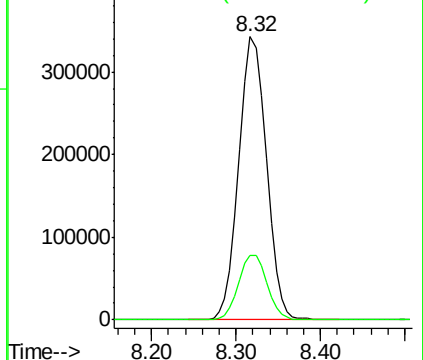
78 100

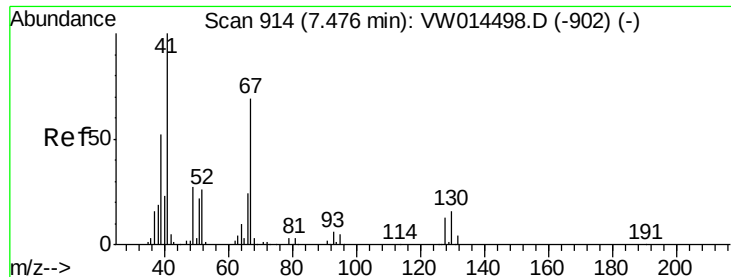
77 22.9 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW

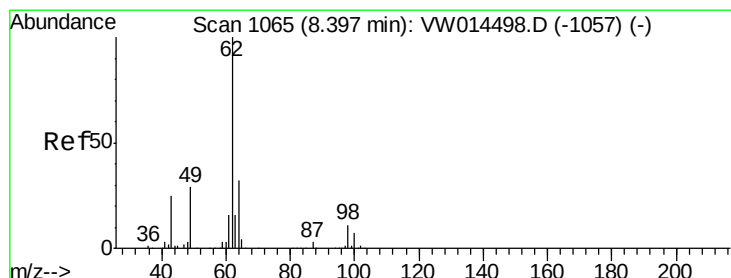
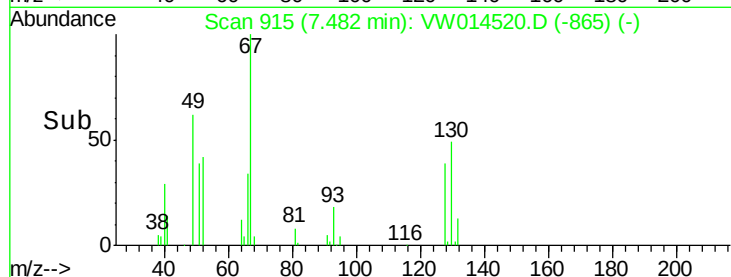
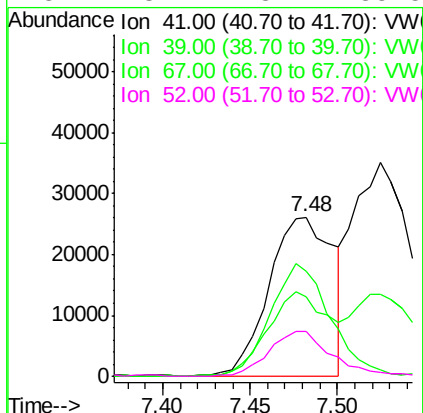
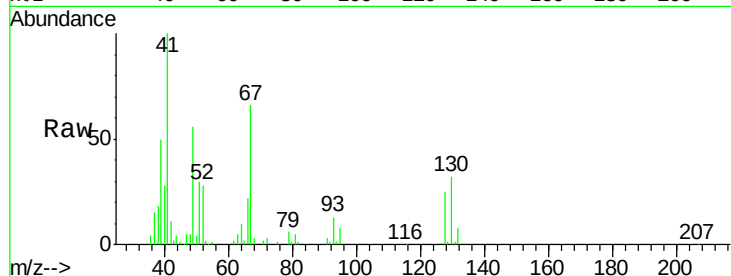




#41
Methacrylonitrile
Concen: 20.595 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.01 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

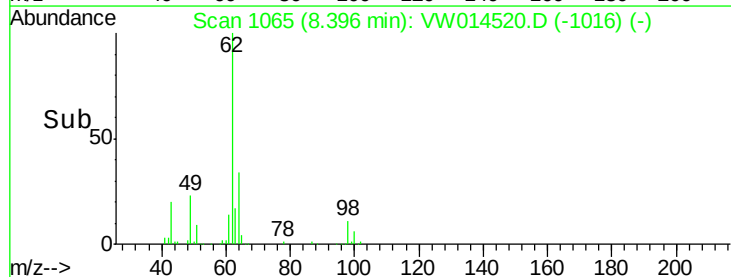
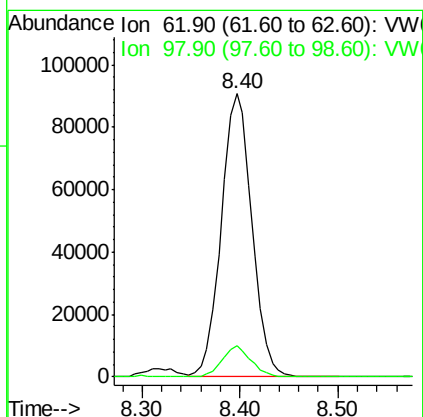
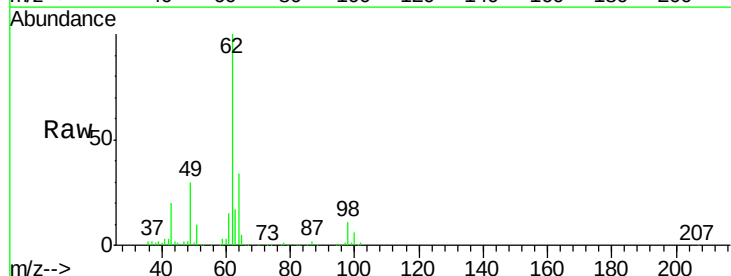
Instrument :
MSVOA_W
ClientSampleId :
VW0106SBS01

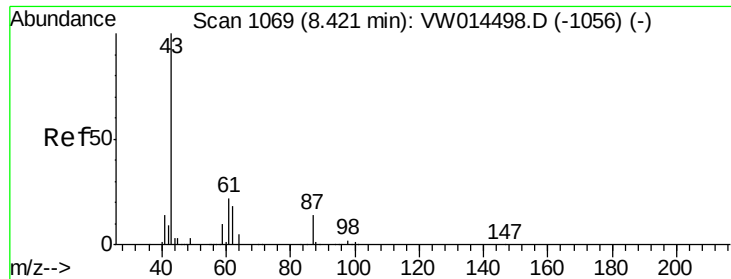
Tgt Ion:	41	Resp:	66866
Ion	Ratio	Lower	Upper
41	100		
39	50.2	46.0	69.0
67	67.1	60.8	91.2
52	28.1	23.7	35.5



#42
1,2-Dichloroethane
Concen: 20.894 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Tgt Ion:	62	Resp:	197025
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	22.0





#43

Isopropyl Acetate

Concen: 18.871 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

ClientSampleId :

VW0106SBSD01

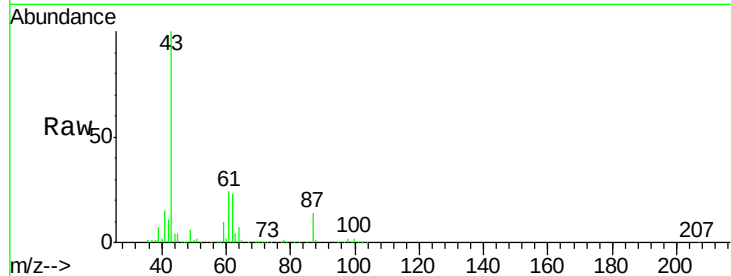
Tgt Ion: 43 Resp: 199587

Ion Ratio Lower Upper

43 100

61 32.3 24.7 37.1

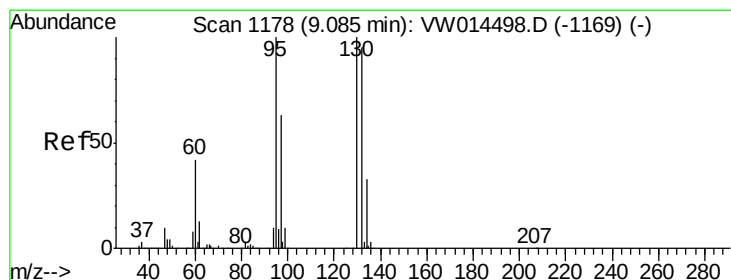
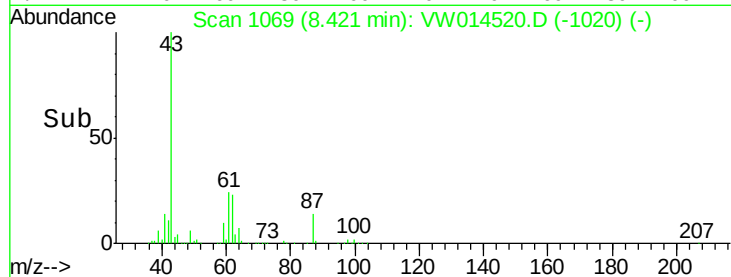
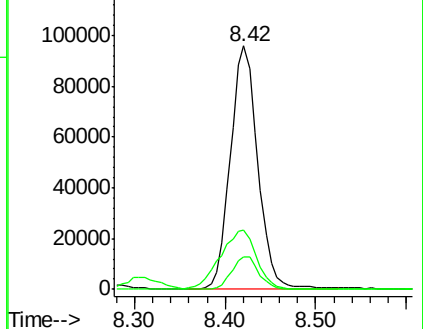
87 13.3 11.1 16.7



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: 19.745 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VW014520.D

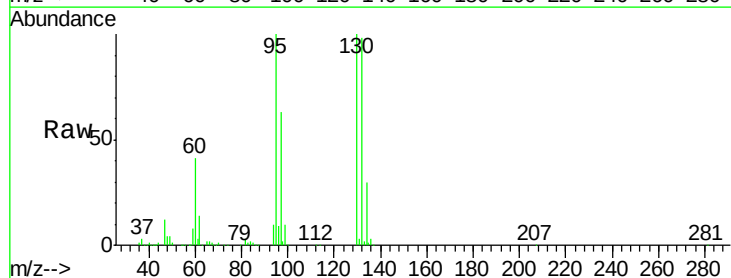
Acq: 06 Jan 2020 13:44

Tgt Ion: 130 Resp: 194135

Ion Ratio Lower Upper

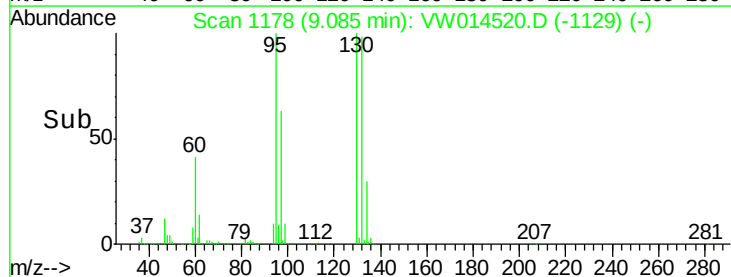
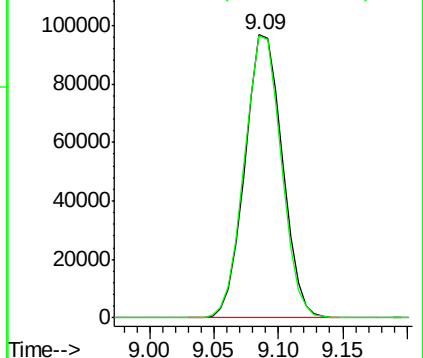
130 100

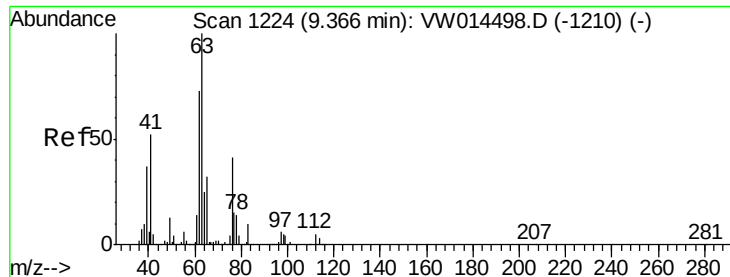
95 99.7 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

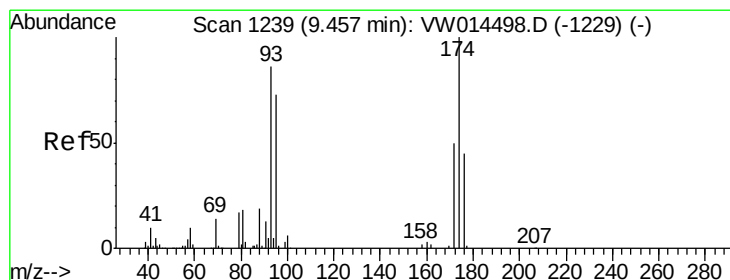
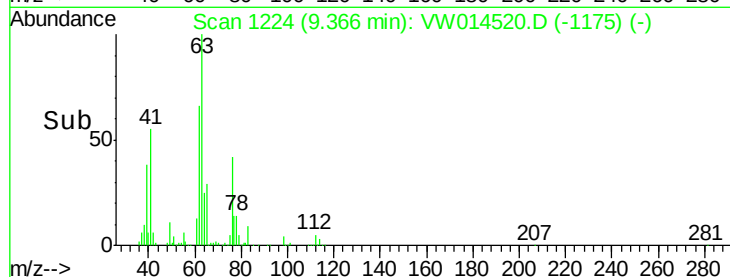
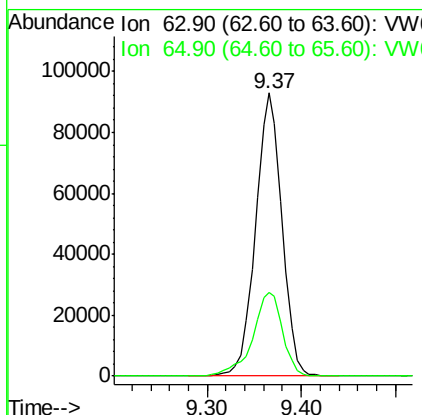
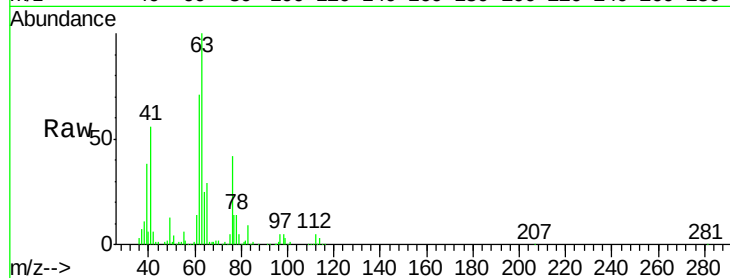




#45
 1,2-Dichloropropane
 Concen: 20.471 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW014520.D
 Acq: 06 Jan 2020 13:44

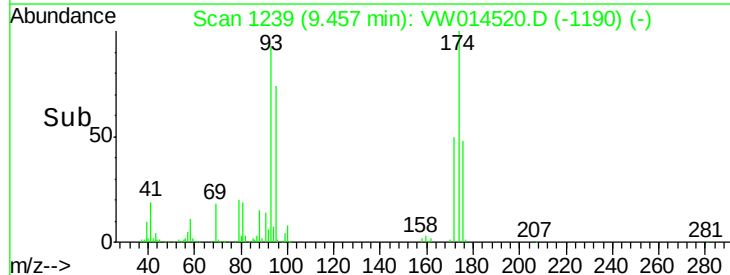
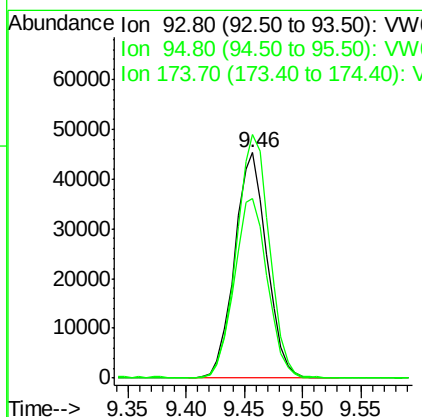
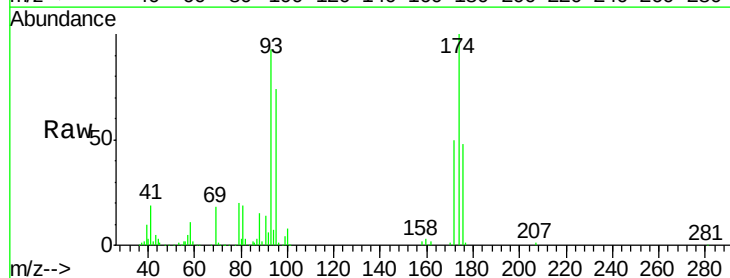
Instrument :
 MSVOA_W
 ClientSampleID :
 VW0106SBSD01

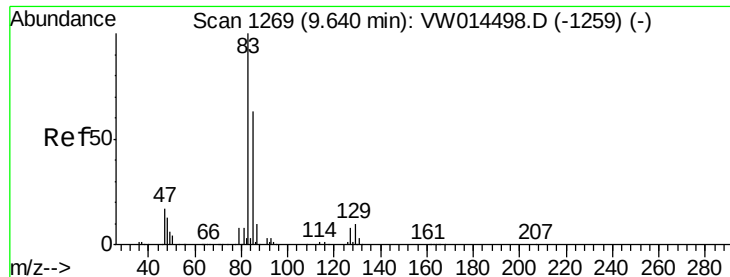
Tgt Ion: 63 Resp: 182527
 Ion Ratio Lower Upper
 63 100
 65 29.4 25.6 38.4



#46
 Dibromomethane
 Concen: 19.819 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW014520.D
 Acq: 06 Jan 2020 13:44

Tgt Ion: 93 Resp: 87239
 Ion Ratio Lower Upper
 93 100
 95 82.4 66.4 99.6
 174 110.2 89.1 133.7





#47

Bromodichloromethane

Concen: 20.315 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

ClientSampleId :

VW0106SBSD01

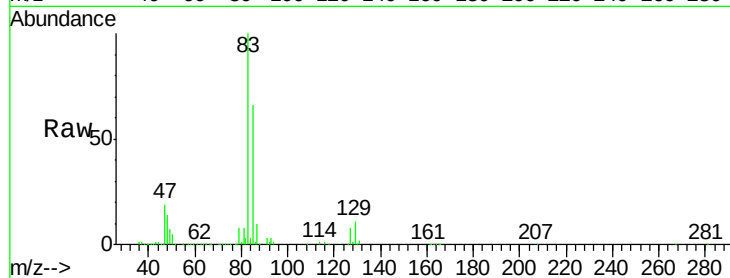
Tgt Ion: 83 Resp: 220776

Ion Ratio Lower Upper

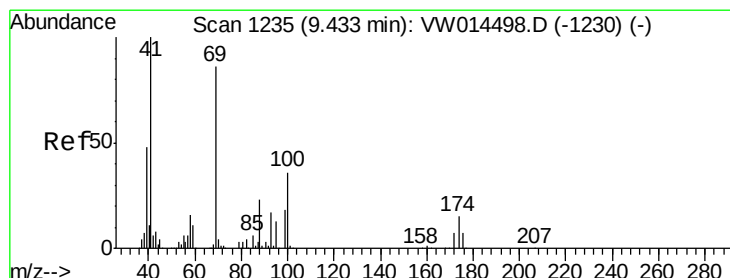
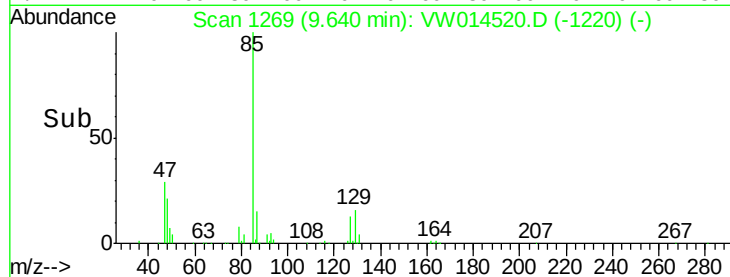
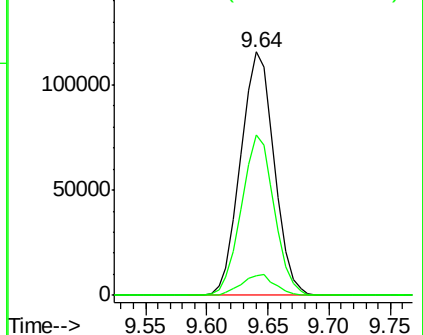
83 100

85 66.0 50.6 76.0

127 8.2 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: 17.942 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

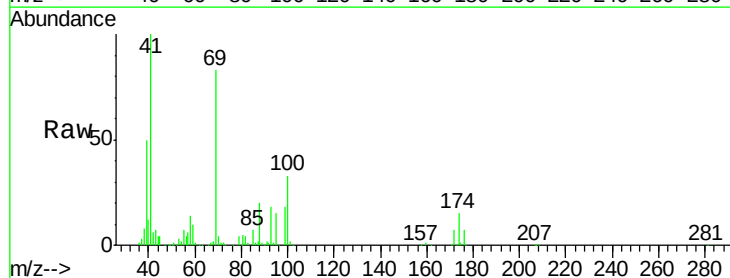
Tgt Ion: 41 Resp: 92652

Ion Ratio Lower Upper

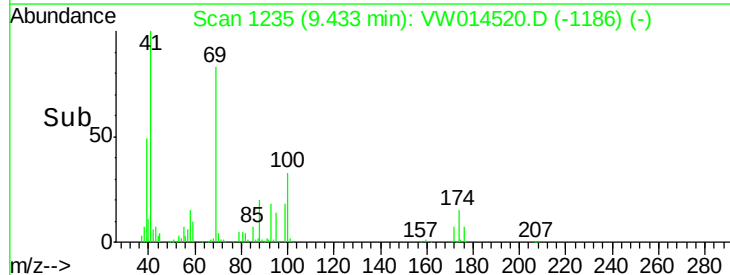
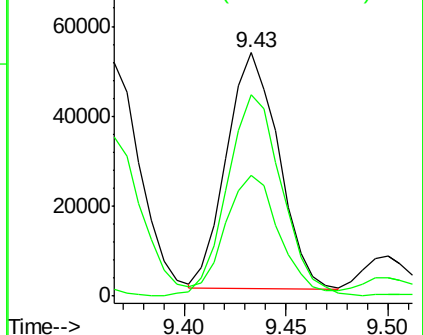
41 100

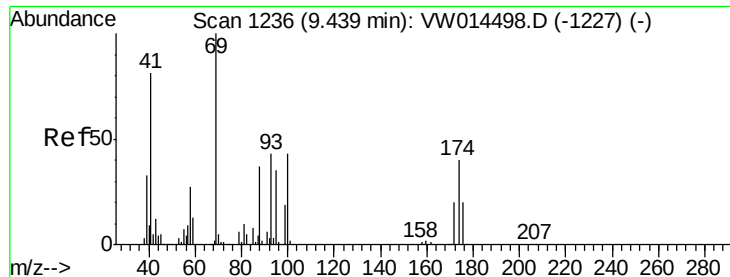
69 89.5 68.3 102.5

39 48.3 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

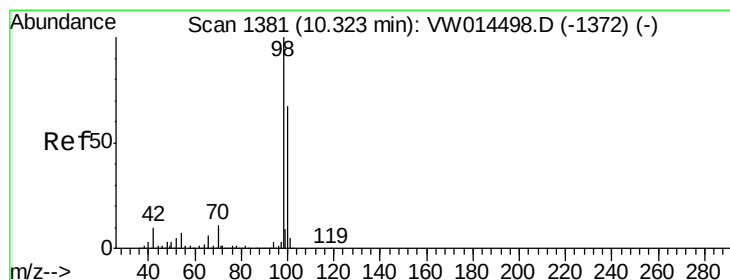
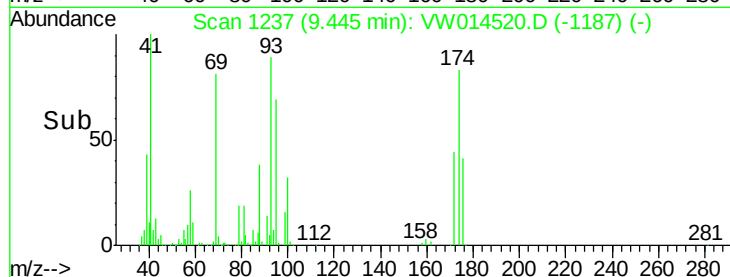
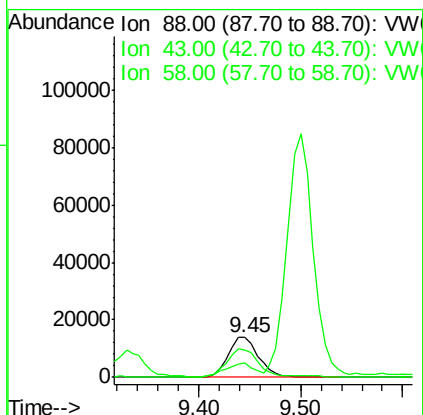
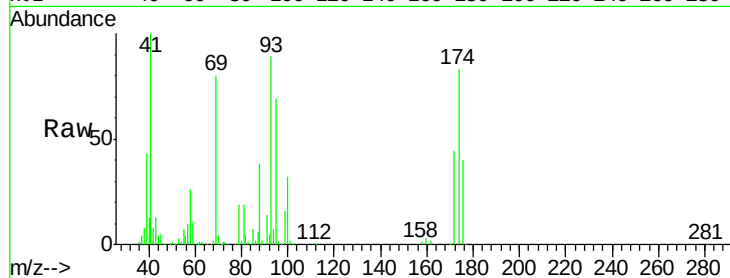




#49
1,4-Dioxane
Concen: 352.281 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

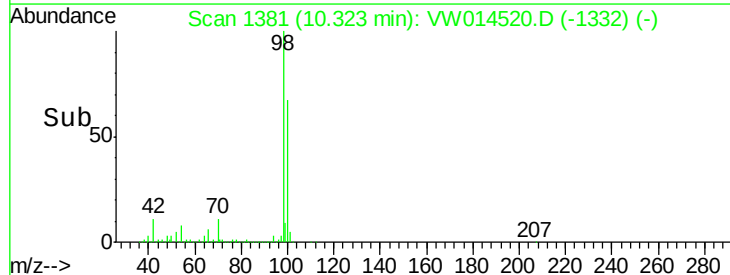
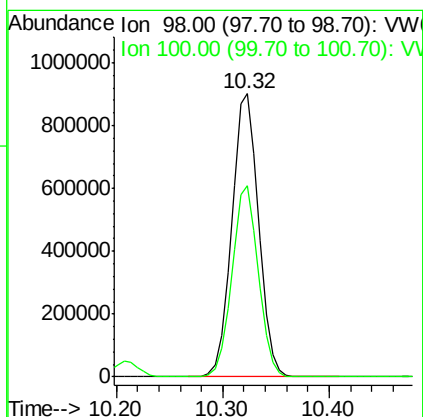
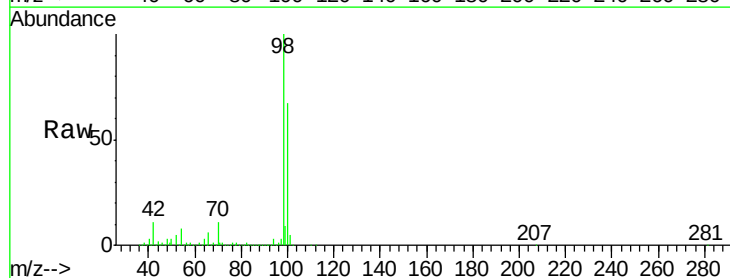
Instrument :
MSVOA_W
ClientSampleId :
VW0106SBSD01

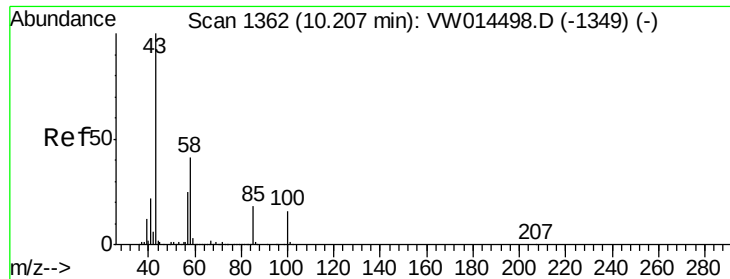
Tgt Ion: 88 Resp: 29003
Ion Ratio Lower Upper
88 100
43 30.0 24.9 37.3
58 72.9 56.9 85.3



#50
Toluene-d8
Concen: 49.957 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Tgt Ion: 98 Resp: 1587273
Ion Ratio Lower Upper
98 100
100 66.3 53.8 80.6

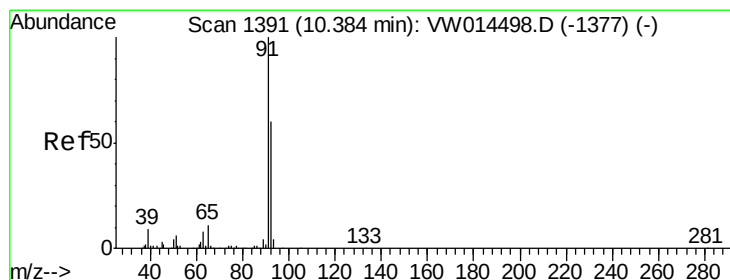
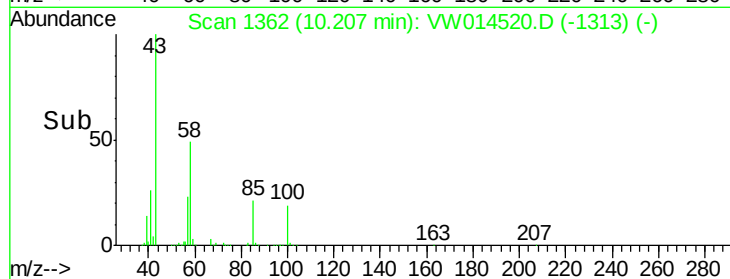
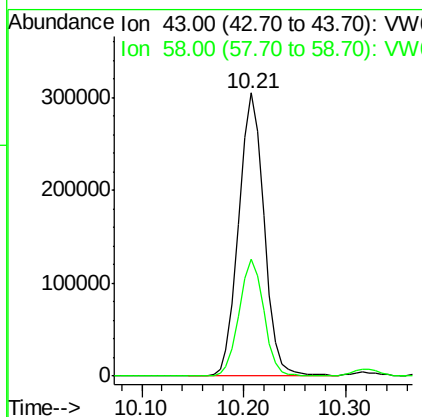
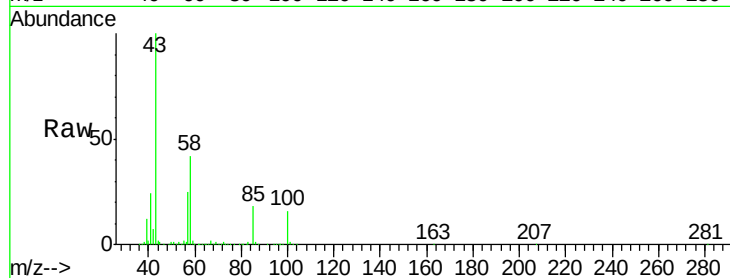




#51
 4-Methyl-2-Pentanone
 Concen: 95.562 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW014520.D
 Acq: 06 Jan 2020 13:44

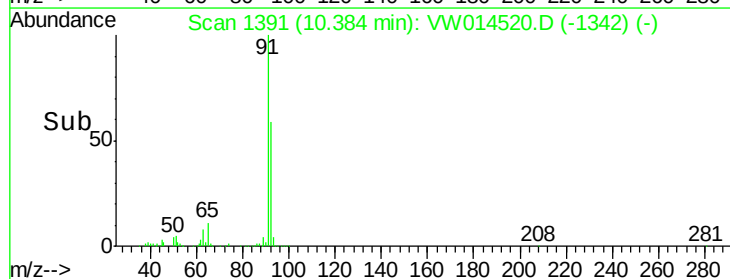
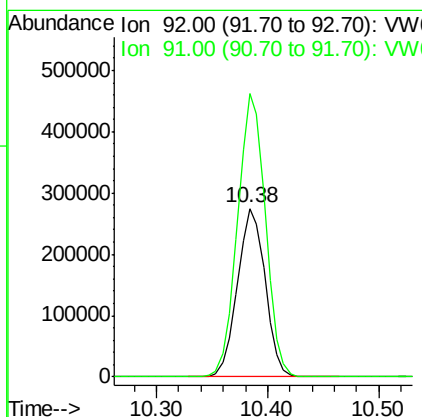
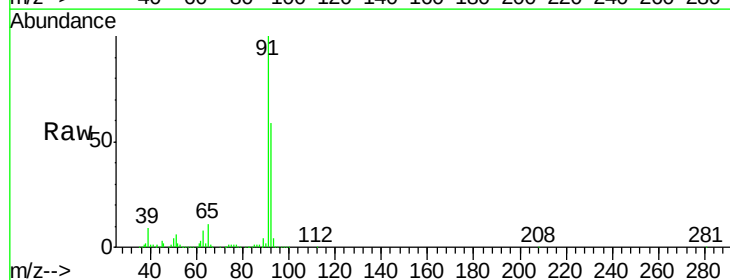
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0106SBSD01

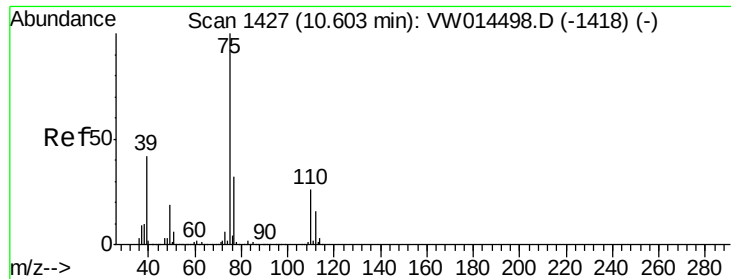
Tgt Ion: 43 Resp: 524872
 Ion Ratio Lower Upper
 43 100
 58 40.3 32.7 49.1



#52
 Toluene
 Concen: 20.668 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW014520.D
 Acq: 06 Jan 2020 13:44

Tgt Ion: 92 Resp: 472468
 Ion Ratio Lower Upper
 92 100
 91 169.2 134.1 201.1





#53

t-1,3-Dichloropropene

Concen: 19.874 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

ClientSampled :

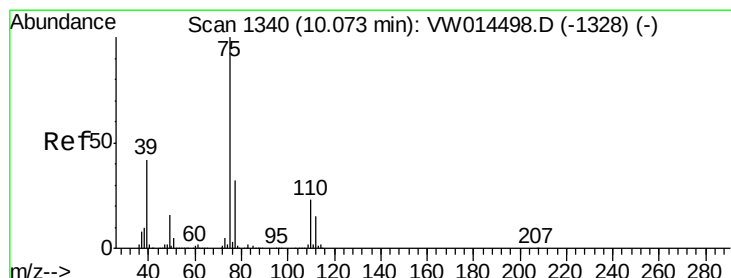
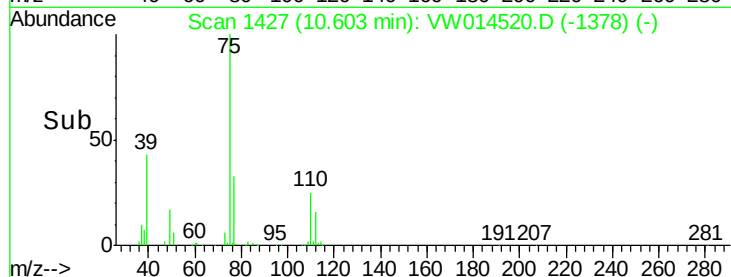
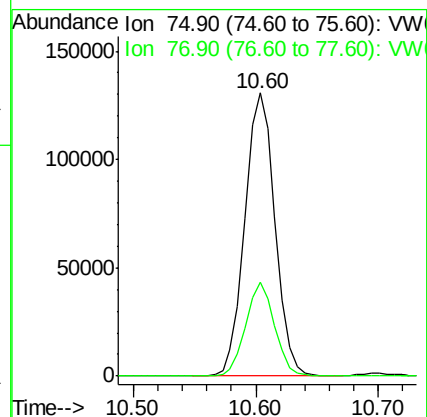
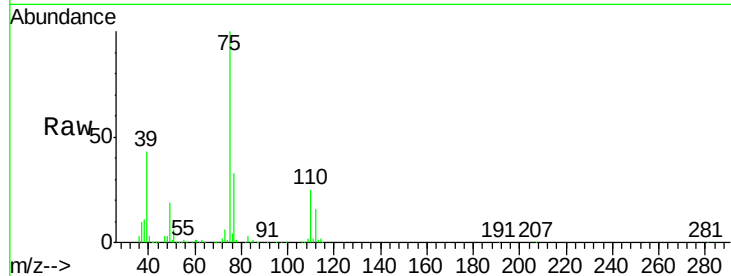
VW0106SBSD01

Tgt Ion: 75 Resp: 223628

Ion Ratio Lower Upper

75 100

77 33.0 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 20.095 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

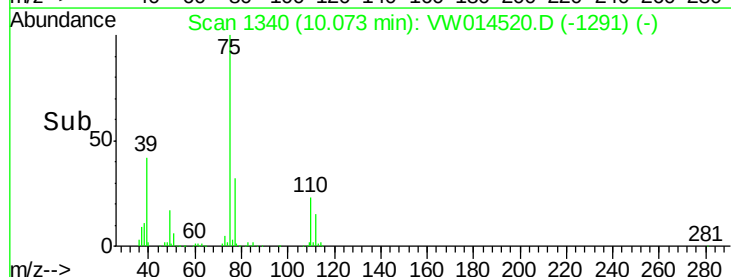
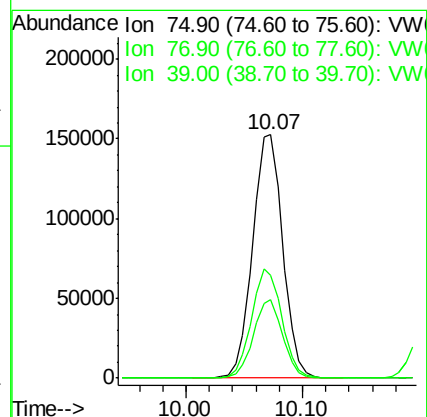
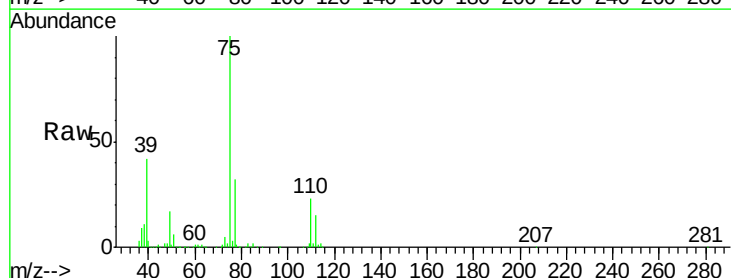
Tgt Ion: 75 Resp: 276344

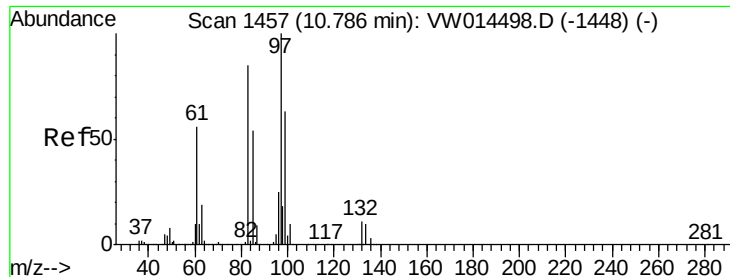
Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0

39 42.1 33.4 50.2

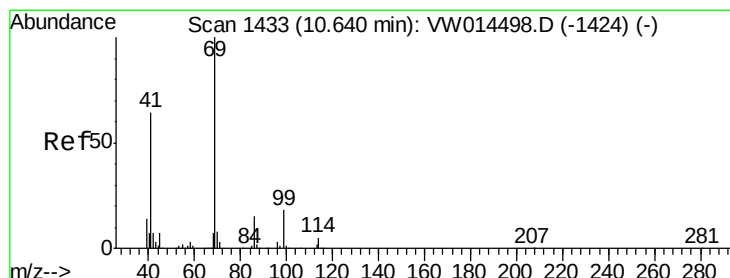
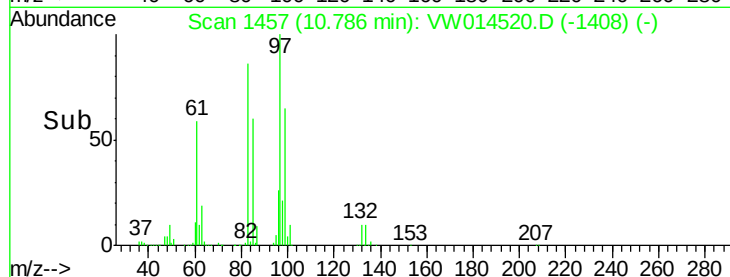
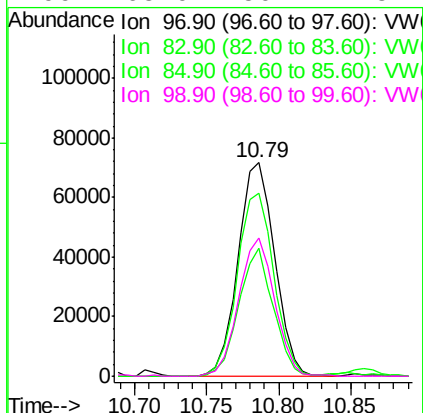
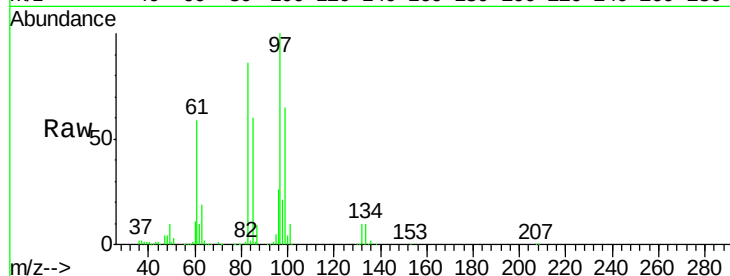




#55
 1,1,2-Trichloroethane
 Concen: 19.708 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW014520.D
 Acq: 06 Jan 2020 13:44

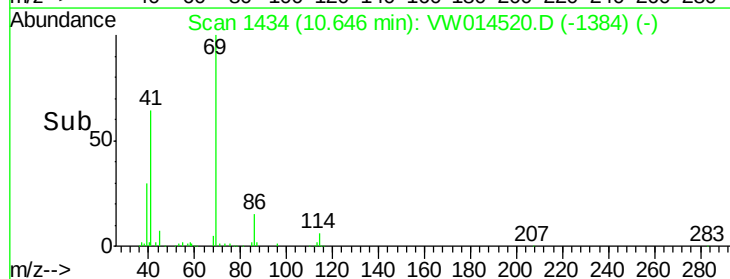
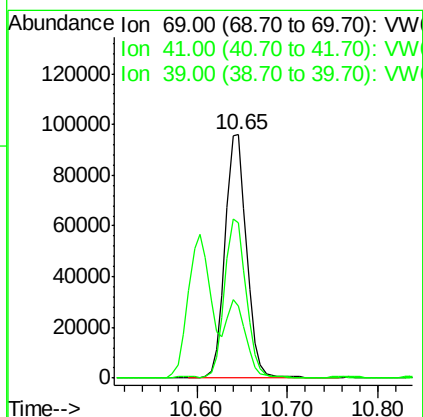
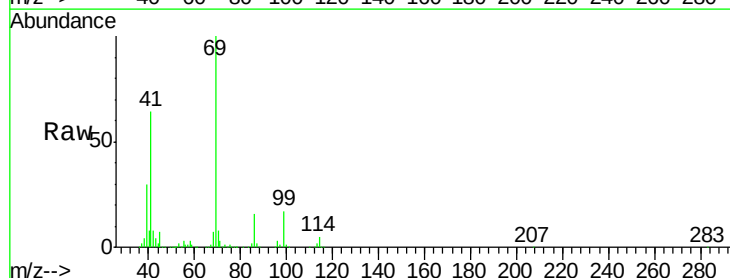
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0106SBSD01

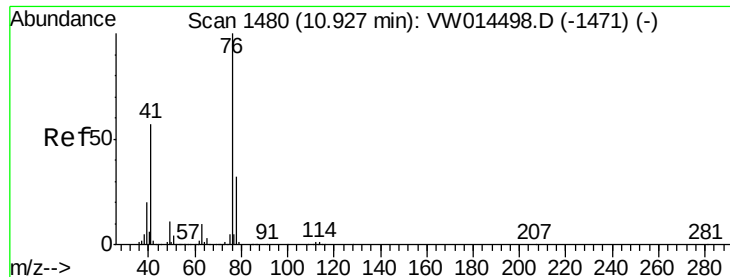
Tgt Ion:	97	Resp:	126697
Ion	Ratio	Lower	Upper
97	100		
83	85.8	68.2	102.4
85	59.6	43.0	64.4
99	65.0	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 19.012 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: VW014520.D
 Acq: 06 Jan 2020 13:44

Tgt Ion:	69	Resp:	158841
Ion	Ratio	Lower	Upper
69	100		
41	65.1	51.3	76.9
39	28.1	21.0	31.6





#57

1,3-Dichloropropane

Concen: 20.036 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

ClientSampleId :

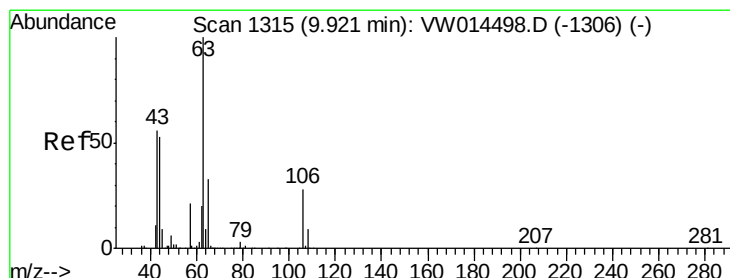
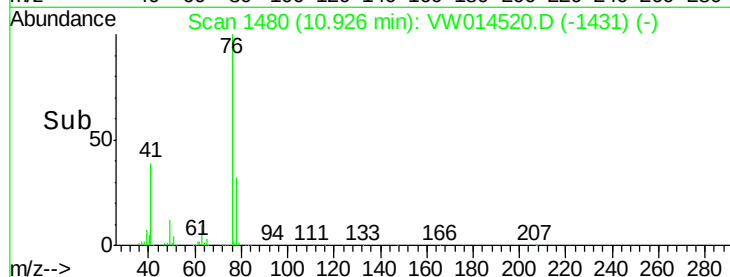
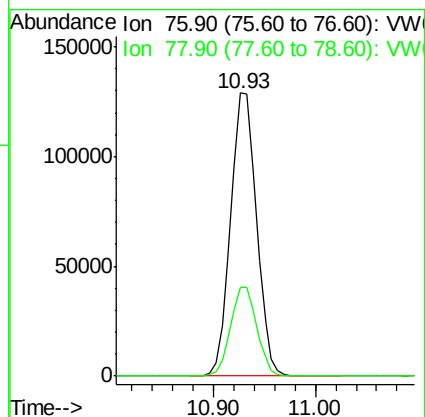
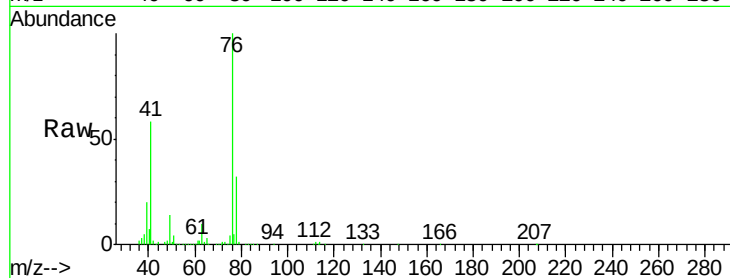
VW0106SBS01

Tgt Ion: 76 Resp: 226387

Ion Ratio Lower Upper

76 100

78 31.8 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 91.648 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW014520.D

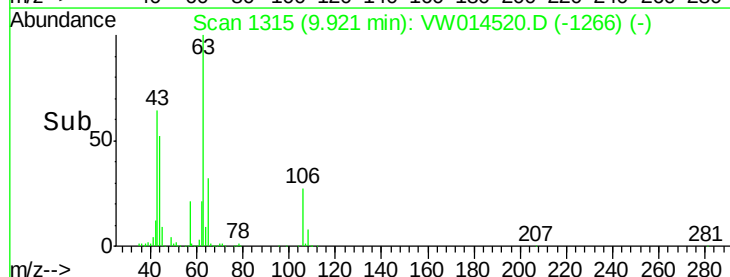
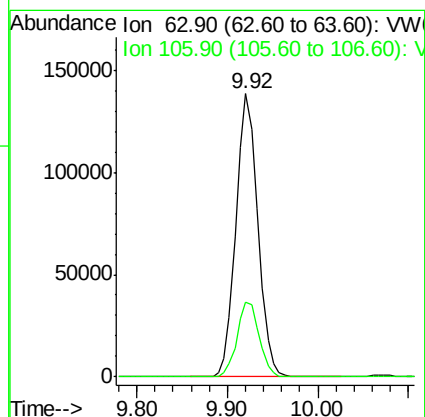
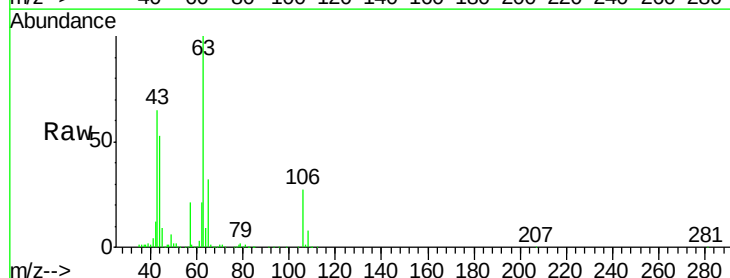
Acq: 06 Jan 2020 13:44

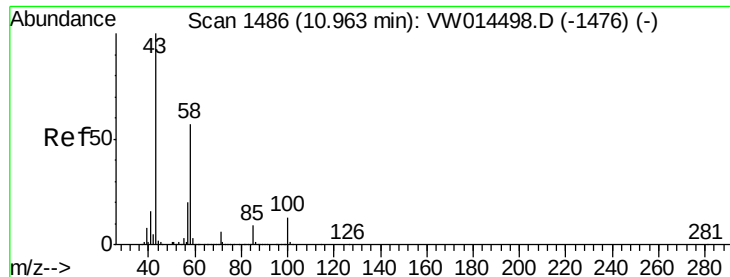
Tgt Ion: 63 Resp: 232875

Ion Ratio Lower Upper

63 100

106 27.0 23.0 34.6

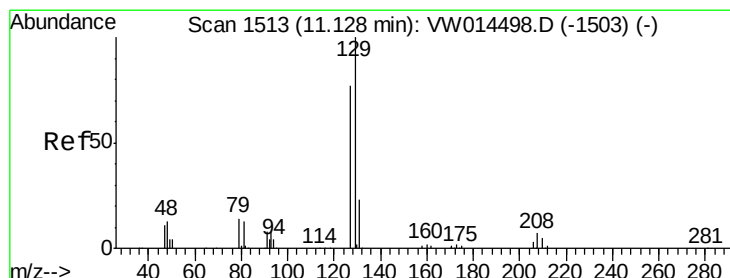
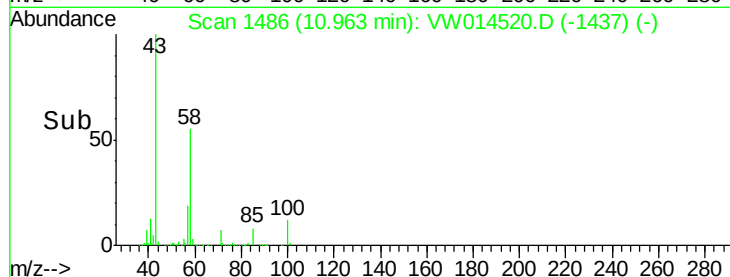
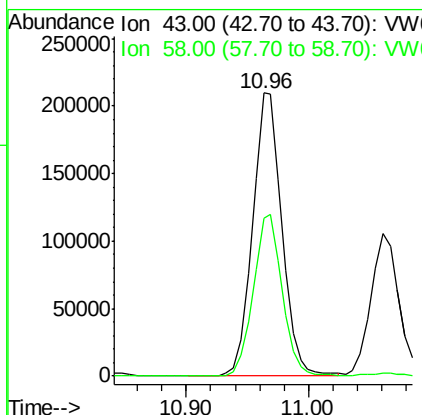
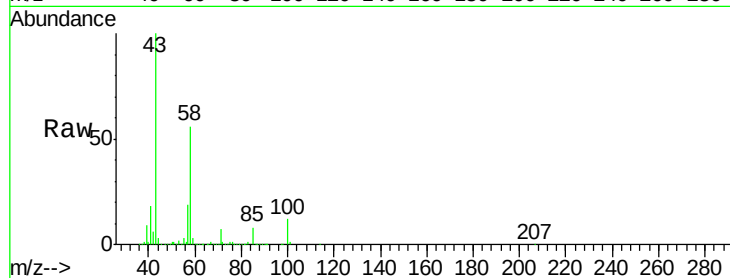




#59
2-Hexanone
Concen: 92.622 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

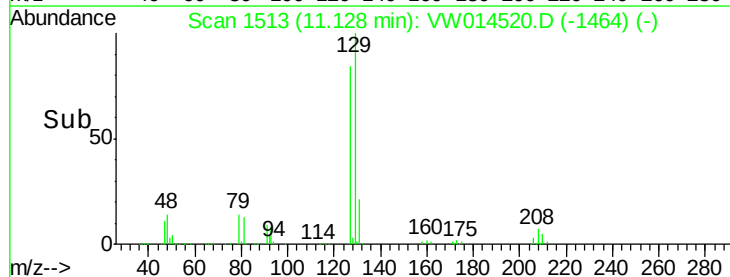
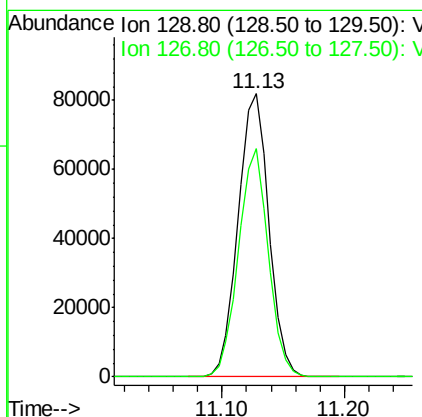
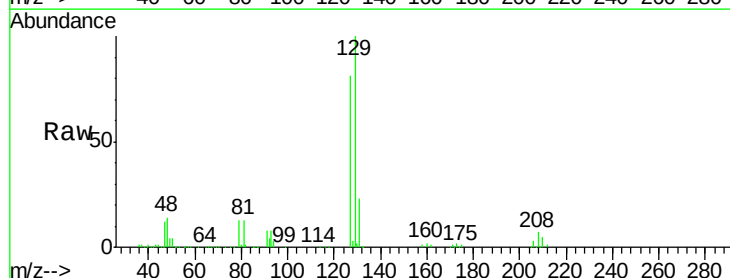
Instrument :
MSVOA_W
ClientSampleId :
VW0106SBS01

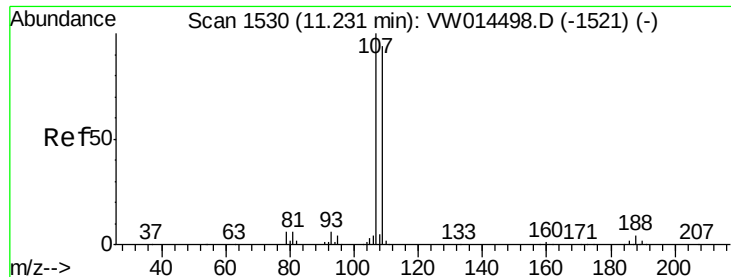
Tgt Ion: 43 Resp: 350556
Ion Ratio Lower Upper
43 100
58 56.3 28.7 86.3



#60
Dibromochloromethane
Concen: 19.707 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Tgt Ion: 129 Resp: 142949
Ion Ratio Lower Upper
129 100
127 78.2 38.1 114.5





#61

1,2-Dibromoethane

Concen: 19.649 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

ClientSampleId :

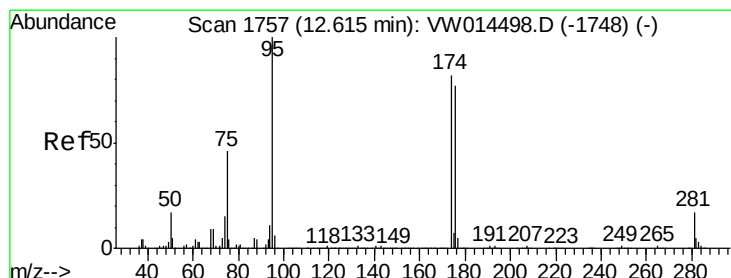
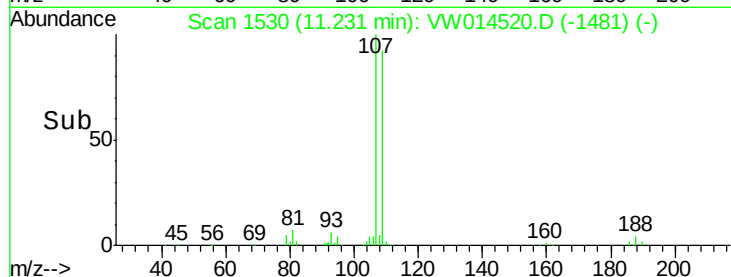
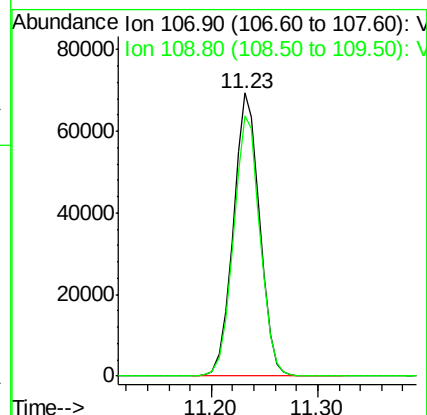
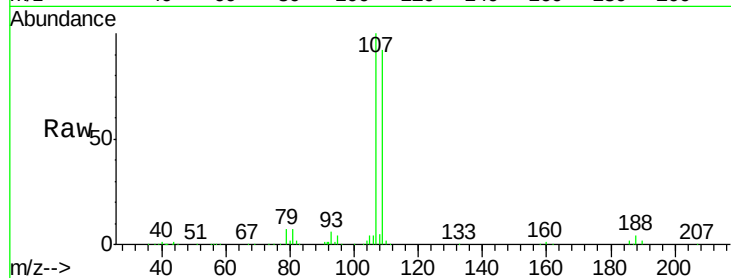
VW0106SBSD01

Tgt Ion: 107 Resp: 119902

Ion Ratio Lower Upper

107 100

109 92.8 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 49.324 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

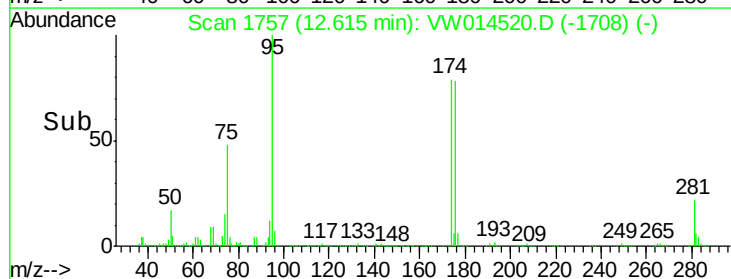
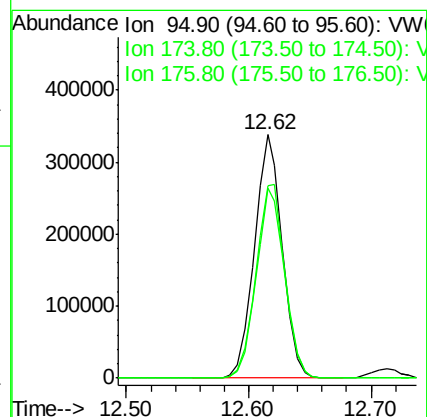
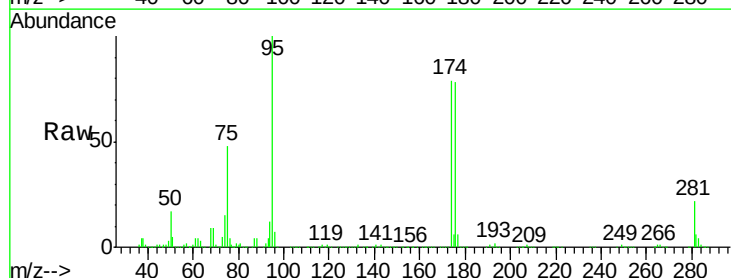
Tgt Ion: 95 Resp: 531562

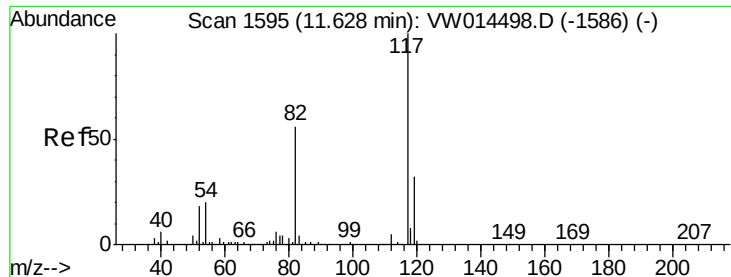
Ion Ratio Lower Upper

95 100

174 83.6 0.0 168.6

176 79.7 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: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

ClientSampleId :

VW0106SBSD01

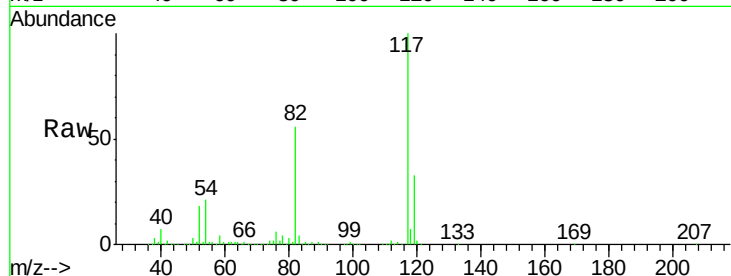
Tgt Ion:117 Resp: 1146374

Ion Ratio Lower Upper

117 100

82 56.2 44.6 67.0

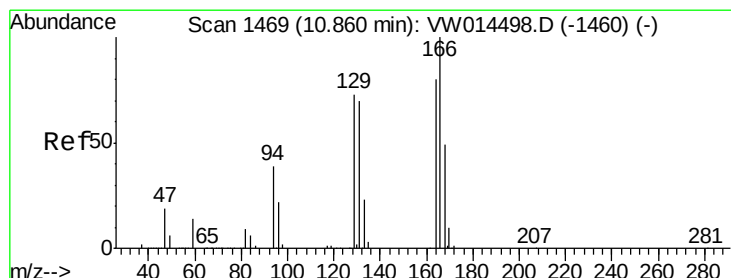
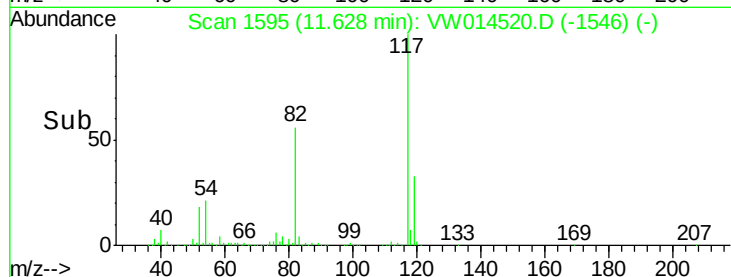
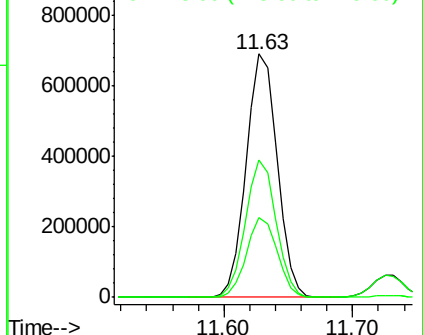
119 32.6 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 20.205 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Tgt Ion:164 Resp: 167691

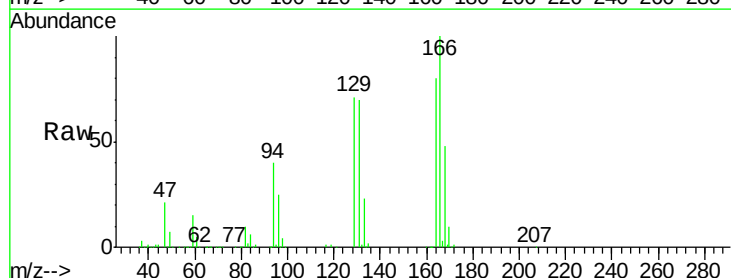
Ion Ratio Lower Upper

164 100

166 124.3 99.8 149.6

129 88.6 72.4 108.6

131 87.0 70.1 105.1

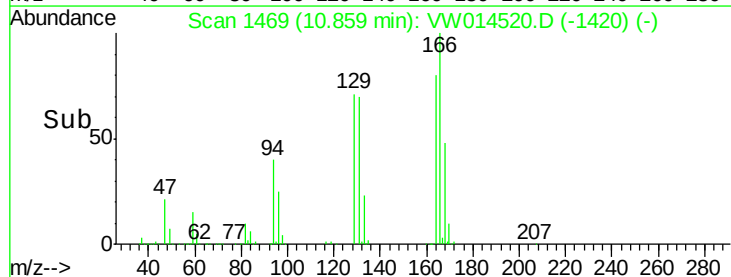
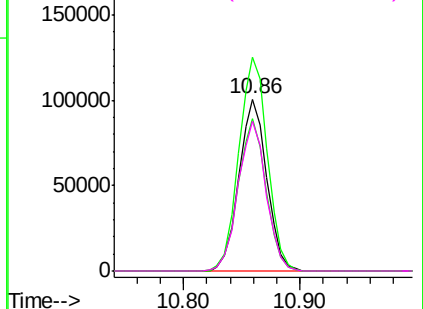


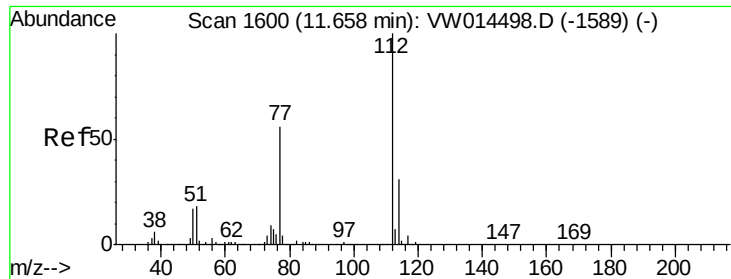
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 20.345 ug/l

RT: 11.65 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

ClientSampleId :

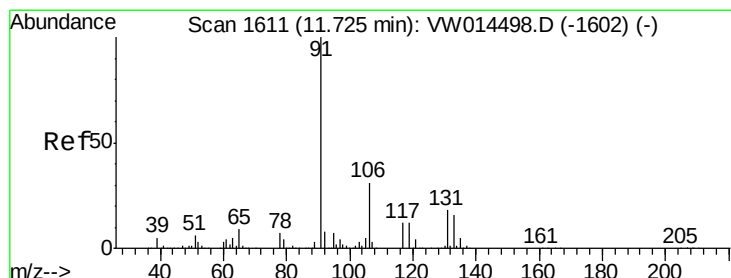
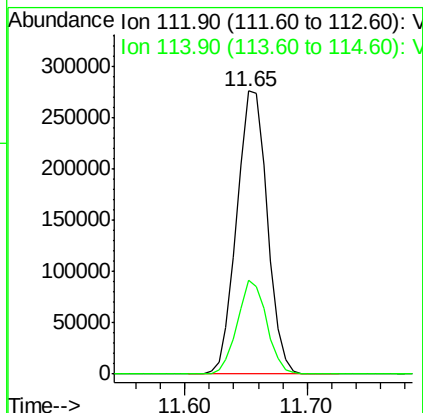
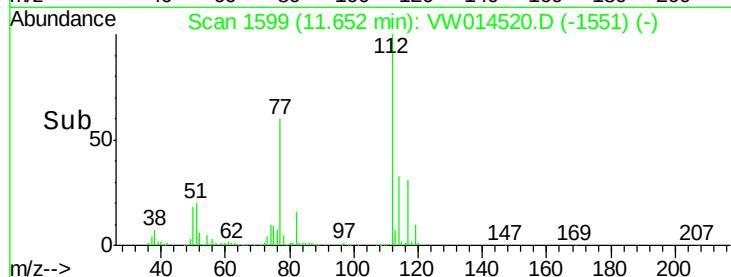
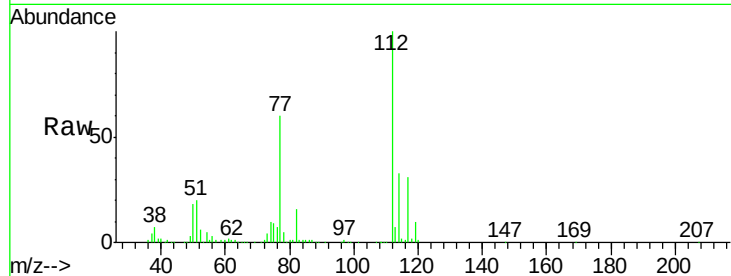
VW0106SBSD01

Tgt Ion:112 Resp: 477810

Ion Ratio Lower Upper

112 100

114 33.2 24.6 37.0



#66

1,1,1,2-Tetrachloroethane

Concen: 20.306 ug/l

RT: 11.73 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

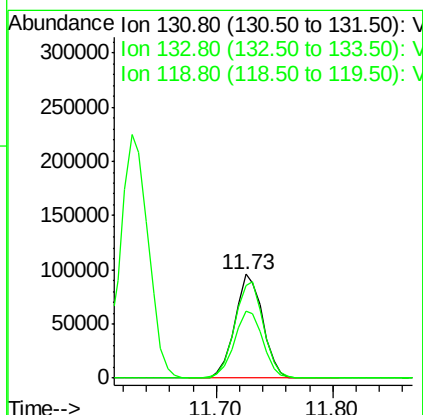
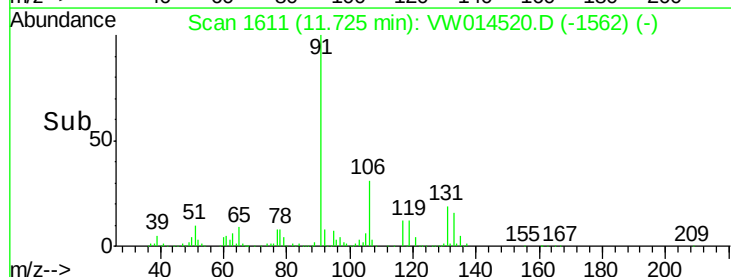
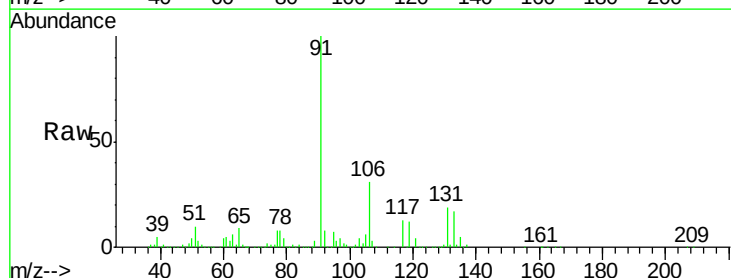
Tgt Ion:131 Resp: 160571

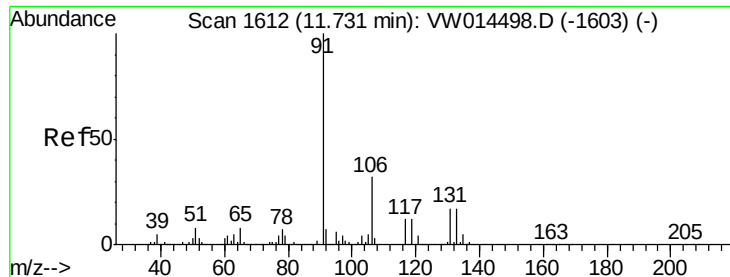
Ion Ratio Lower Upper

131 100

133 95.4 47.3 142.0

119 66.3 33.1 99.3

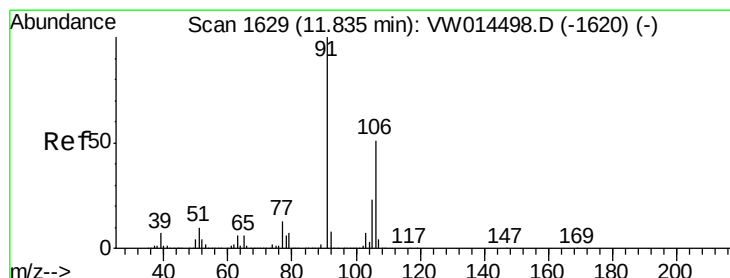
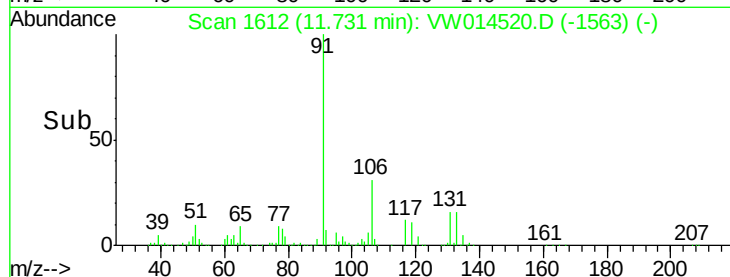
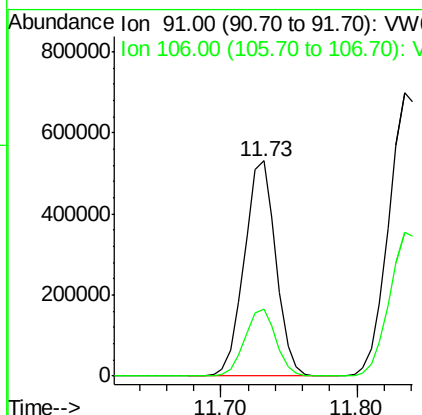
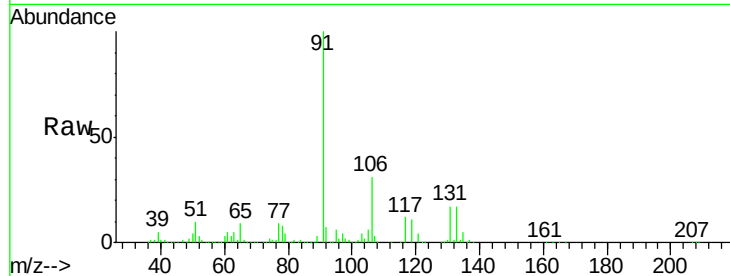




#67
Ethyl Benzene
Concen: 20.400 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

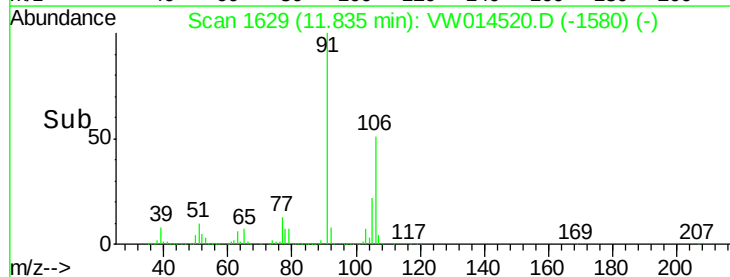
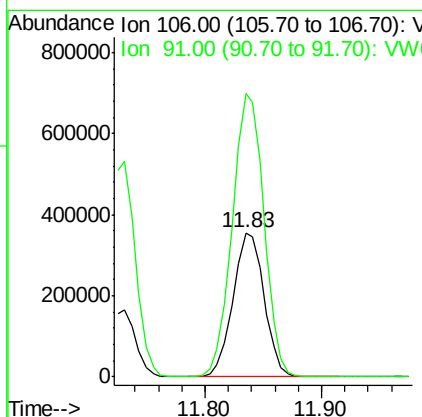
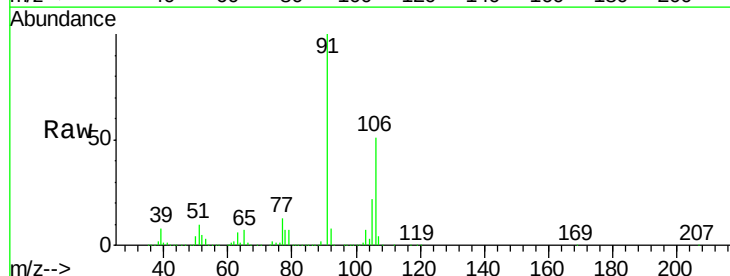
Instrument :
MSVOA_W
ClientSampleId :
VW0106SBSD01

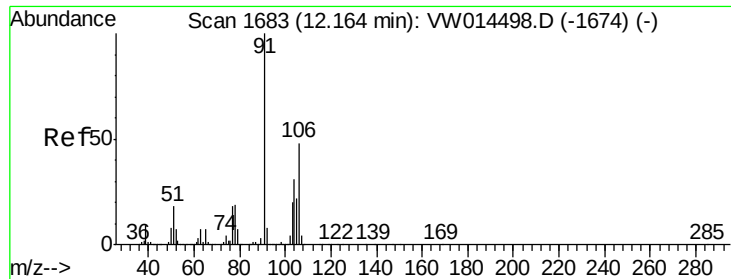
Tgt Ion: 91 Resp: 863404
Ion Ratio Lower Upper
91 100
106 31.0 25.5 38.3



#68
m/p-Xylenes
Concen: 40.765 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Tgt Ion: 106 Resp: 660336
Ion Ratio Lower Upper
106 100
91 200.2 159.0 238.6

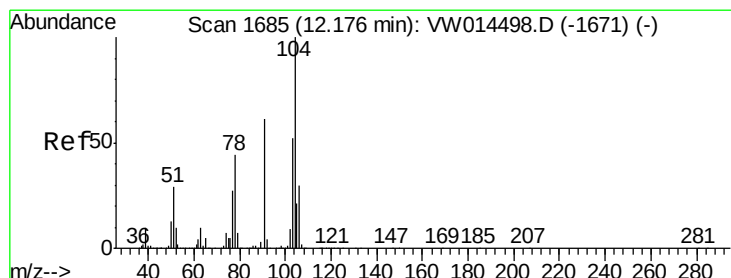
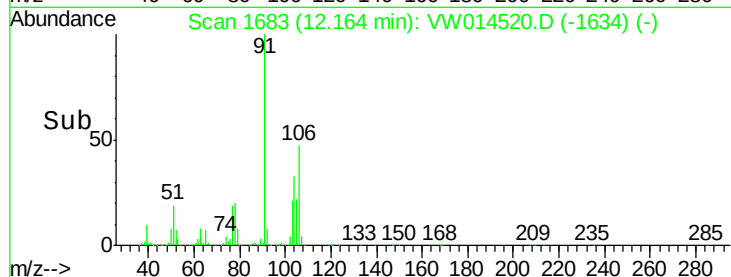
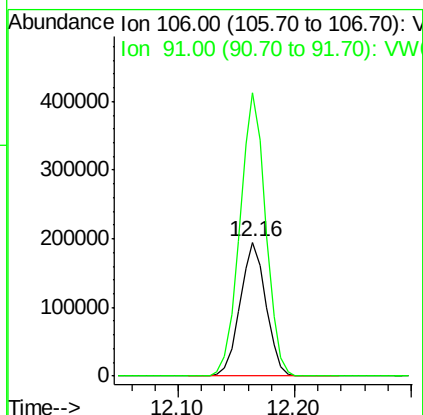
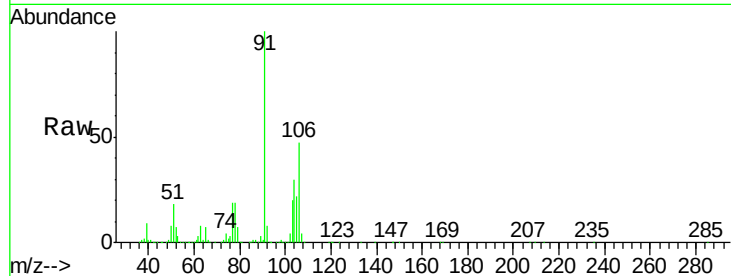




#69
o-Xylene
Concen: 20.206 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

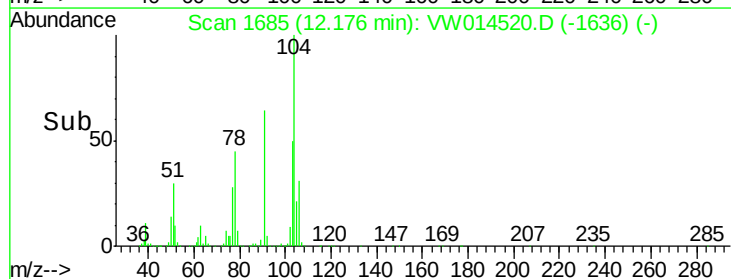
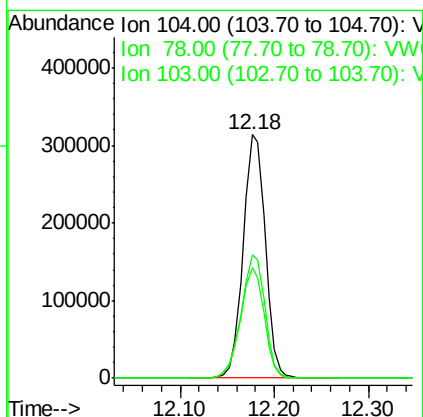
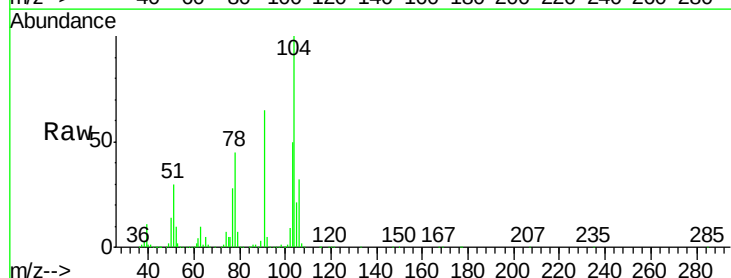
Instrument :
MSVOA_W
ClientSampleId :
VW0106SBSD01

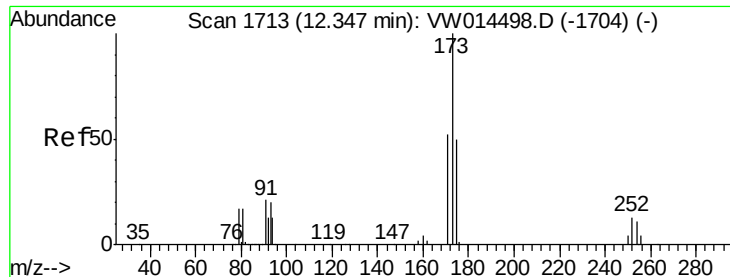
Tgt Ion:106 Resp: 302345
Ion Ratio Lower Upper
106 100
91 210.8 105.2 315.6



#70
Styrene
Concen: 20.435 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Tgt Ion:104 Resp: 517192
Ion Ratio Lower Upper
104 100
78 48.4 38.4 57.6
103 53.9 43.7 65.5

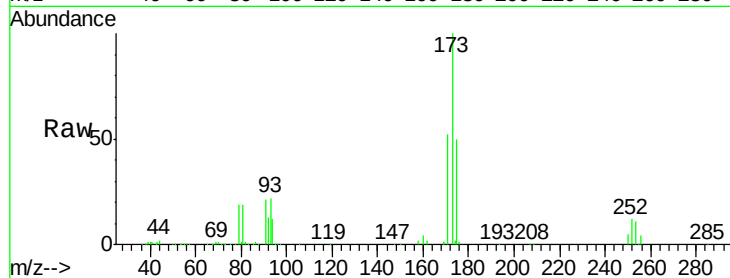




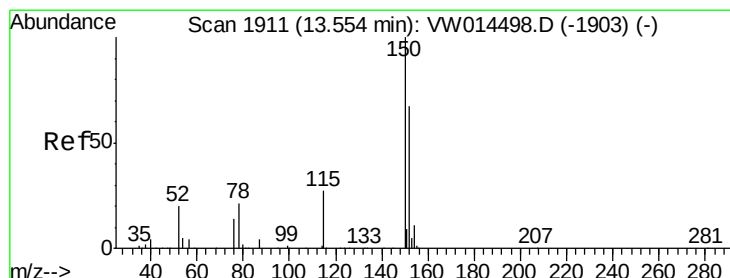
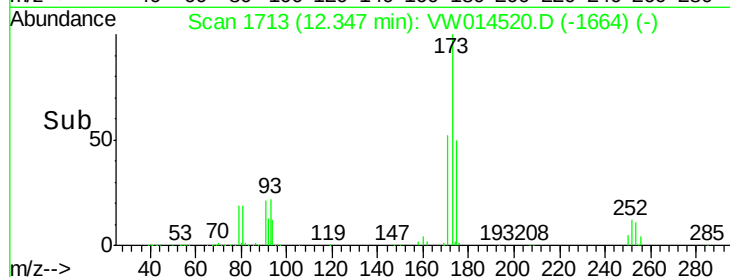
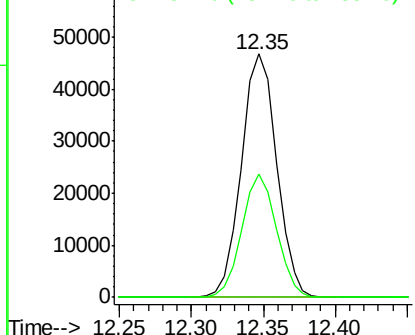
#71
Bromoform
Concen: 18.461 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Instrument :
MSVOA_W
ClientSampleId :
VW0106SBSD01

Tgt Ion:173 Resp: 79625
Ion Ratio Lower Upper
173 100
175 49.7 24.5 73.5
254 0.1 0.0 0.0#

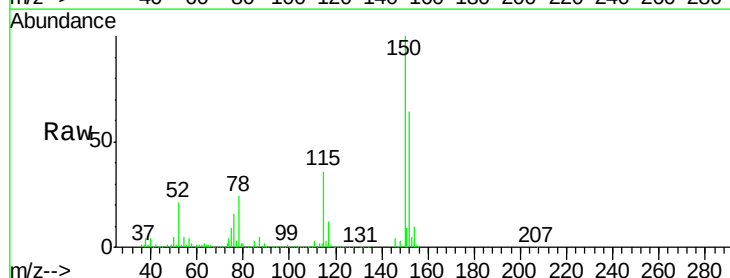


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

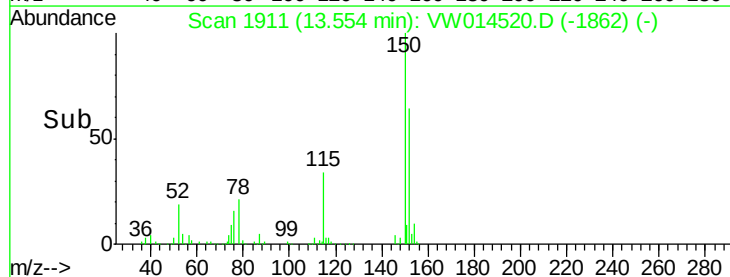
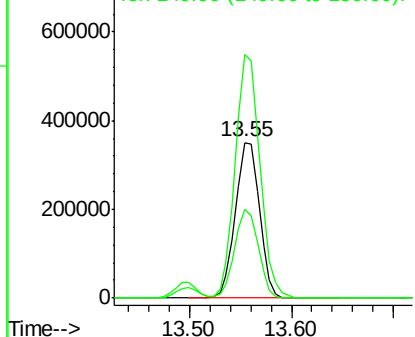


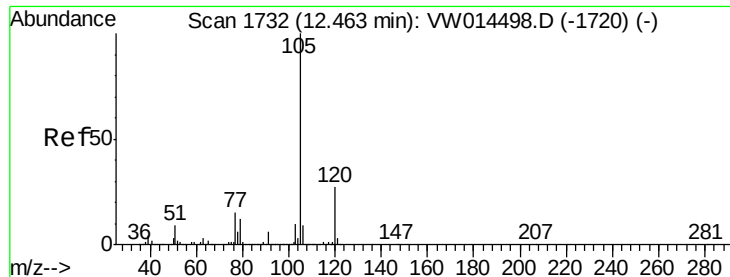
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.00 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Tgt Ion:152 Resp: 570439
Ion Ratio Lower Upper
152 100
115 56.2 27.7 83.1
150 160.6 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: 19.829 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

ClientSampleId :

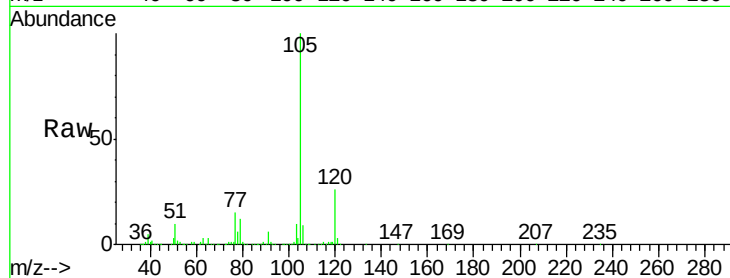
VW0106SBSD01

Tgt Ion:105 Resp: 829956

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

12.46

600000

500000

400000

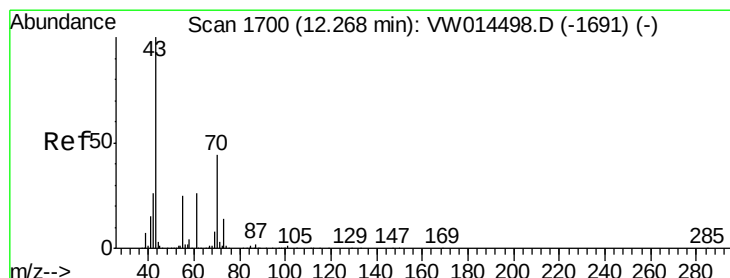
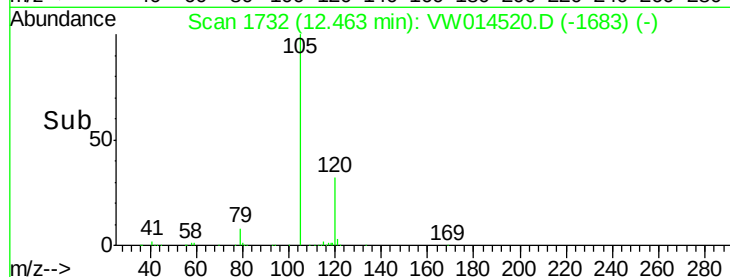
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 18.799 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Tgt Ion: 43 Resp: 176424

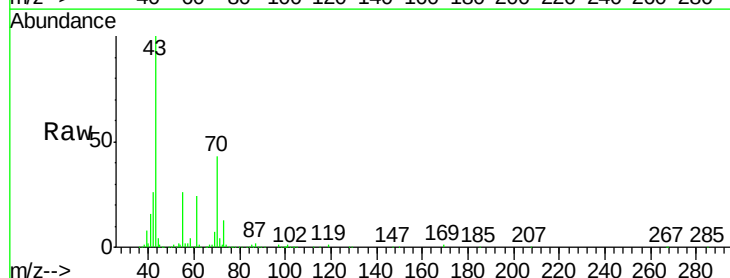
Ion Ratio Lower Upper

43 100

70 43.6 36.5 54.7

55 26.8 20.9 31.3

61 24.9 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

12.27

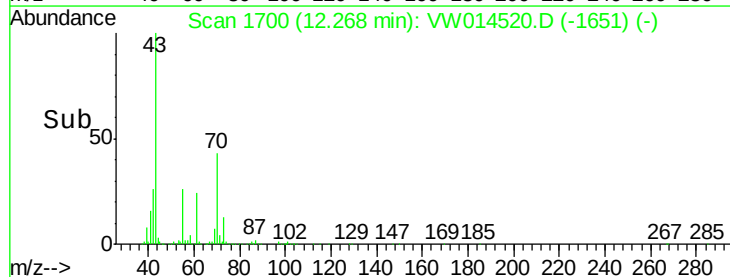
150000

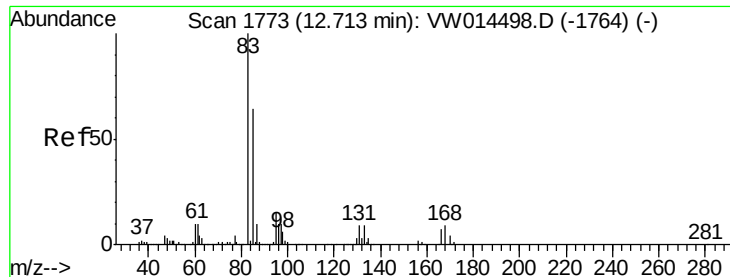
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.819 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

ClientSampleId :

VW0106SBSD01

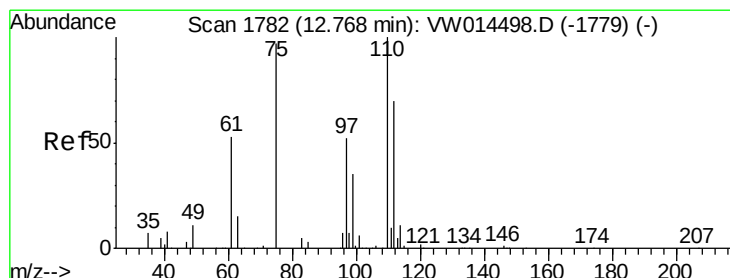
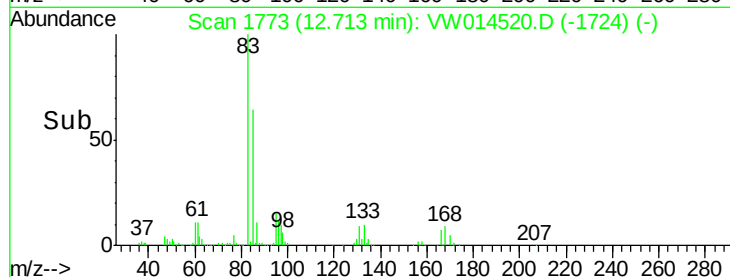
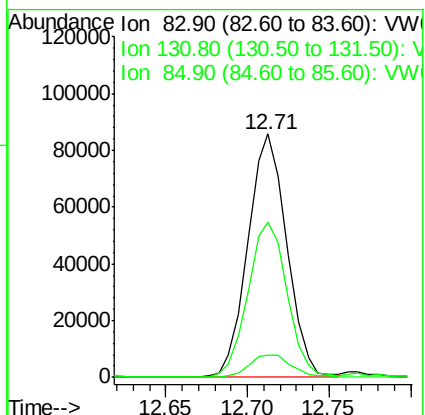
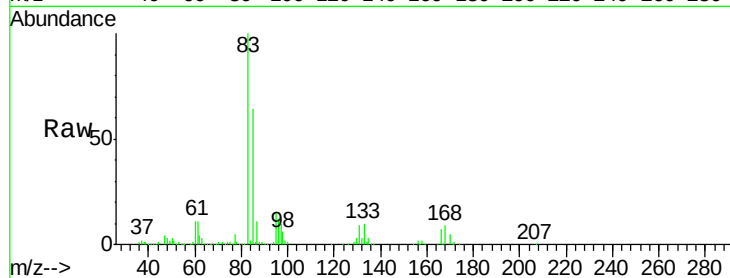
Tgt Ion: 83 Resp: 142175

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

85 64.3 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 32.886 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW014520.D

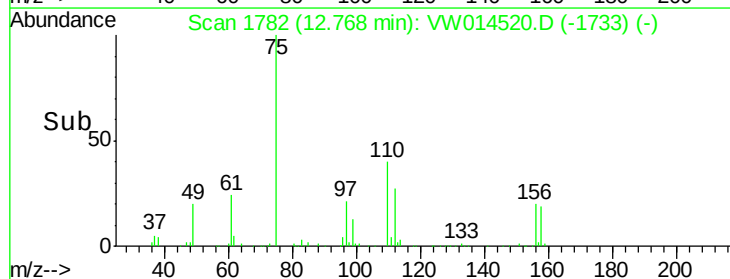
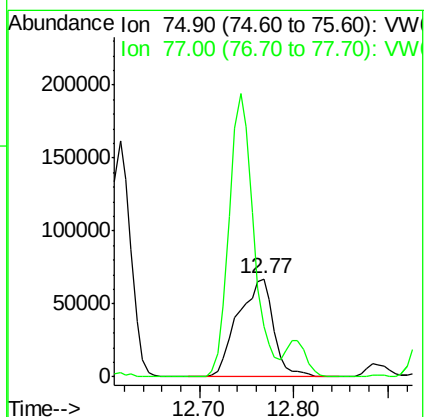
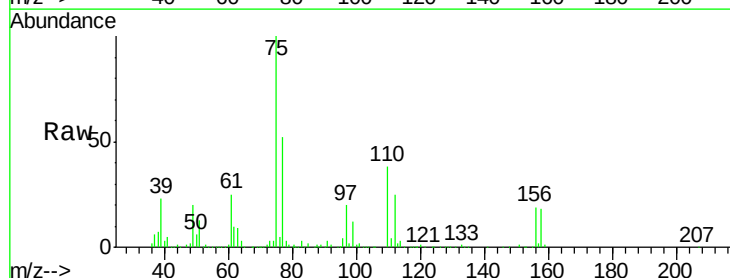
Acq: 06 Jan 2020 13:44

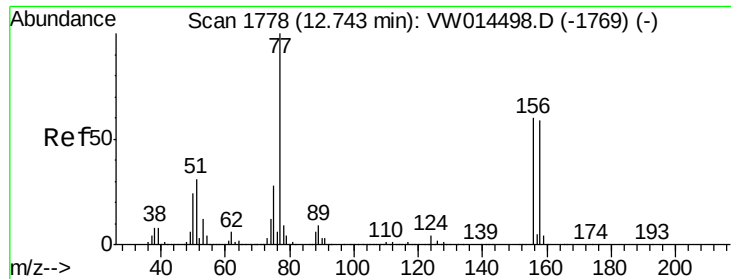
Tgt Ion: 75 Resp: 177370

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

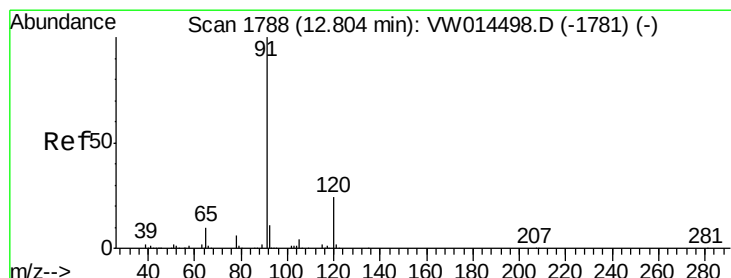
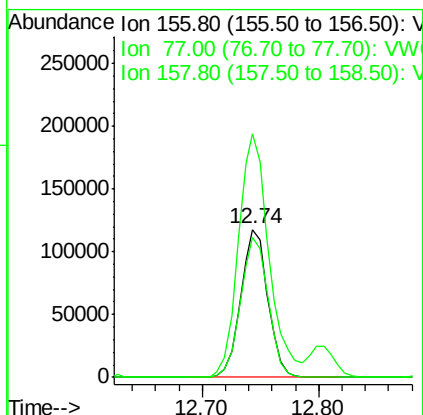
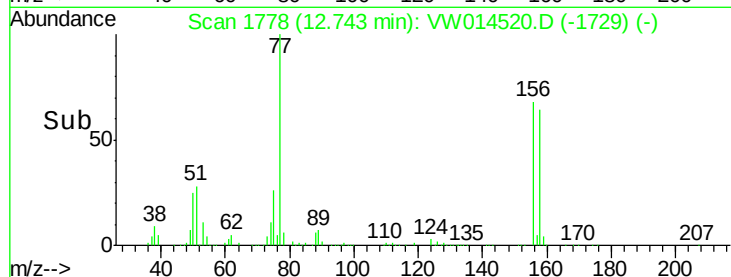
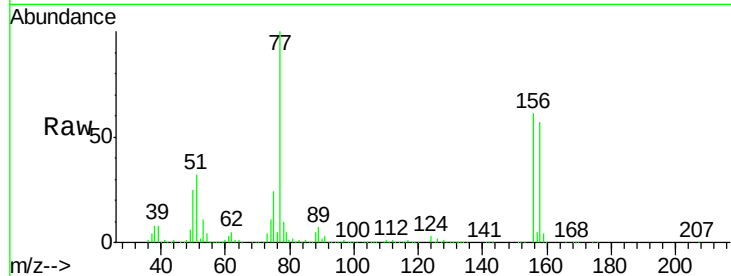




#77
Bromobenzene
Concen: 19.542 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. -0.00 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

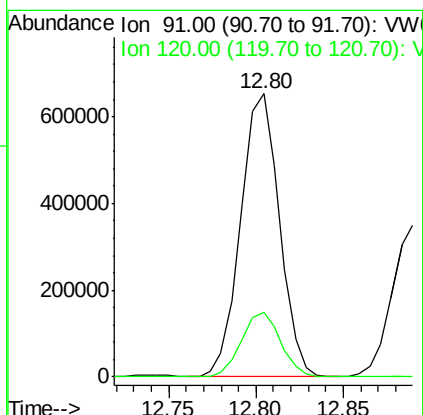
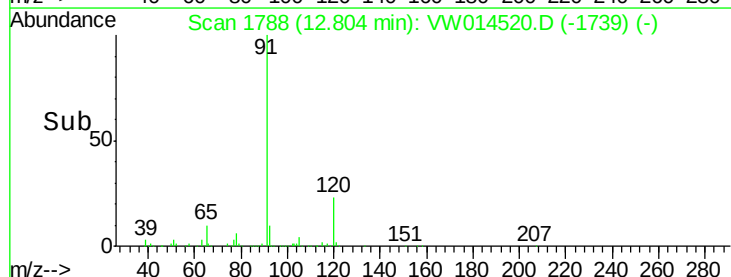
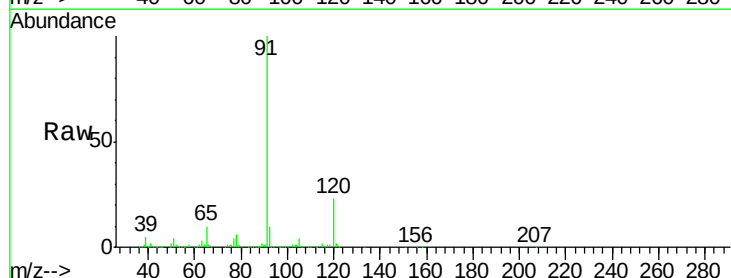
Instrument :
MSVOA_W
ClientSampleId :
VW0106SBSD01

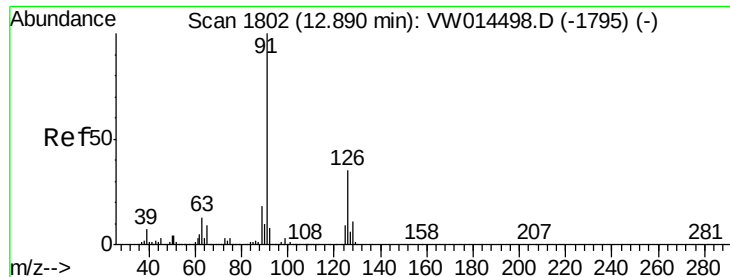
Tgt Ion:156 Resp: 189975
Ion Ratio Lower Upper
156 100
77 187.2 92.3 277.1
158 97.2 48.6 145.9



#78
n-propylbenzene
Concen: 20.394 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Tgt Ion: 91 Resp: 1003777
Ion Ratio Lower Upper
91 100
120 23.1 11.7 35.1





#79

2-Chlorotoluene

Concen: 19.981 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

ClientSampleId :

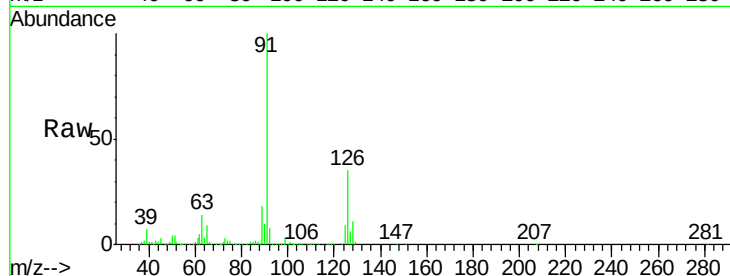
VW0106SBSD01

Tgt Ion: 91 Resp: 559650

Ion Ratio Lower Upper

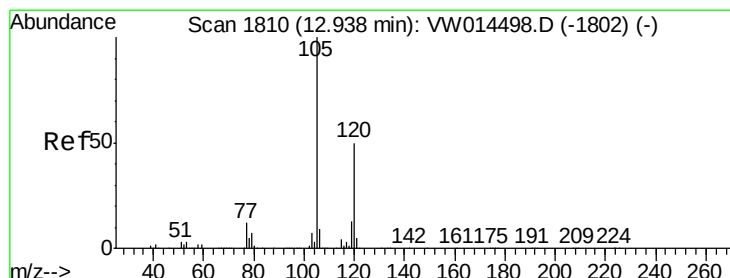
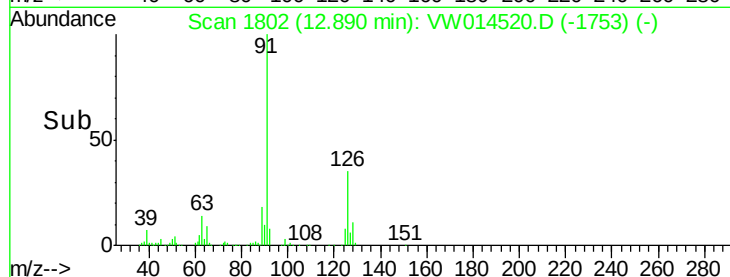
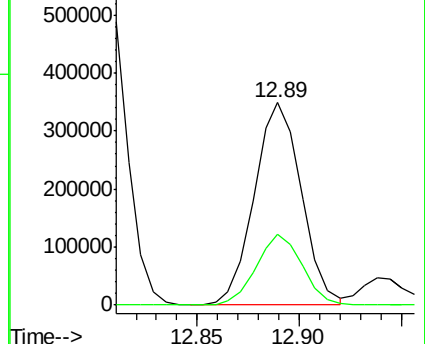
91 100

126 34.2 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.078 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW014520.D

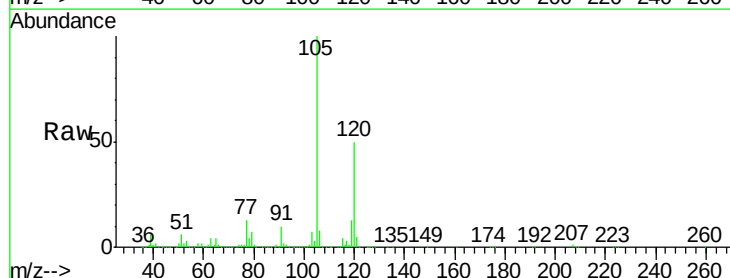
Acq: 06 Jan 2020 13:44

Tgt Ion: 105 Resp: 705606

Ion Ratio Lower Upper

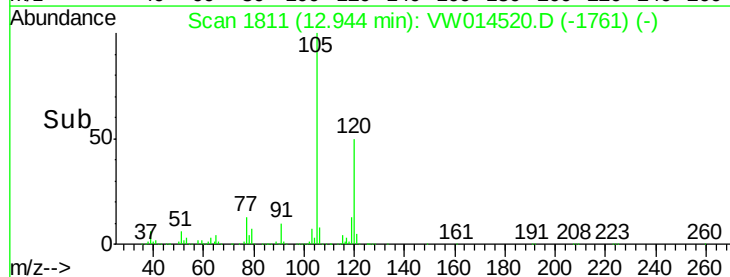
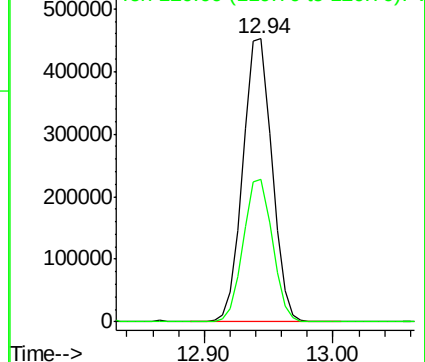
105 100

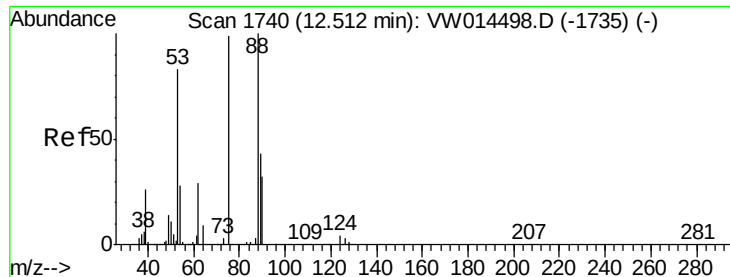
120 50.6 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.341 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

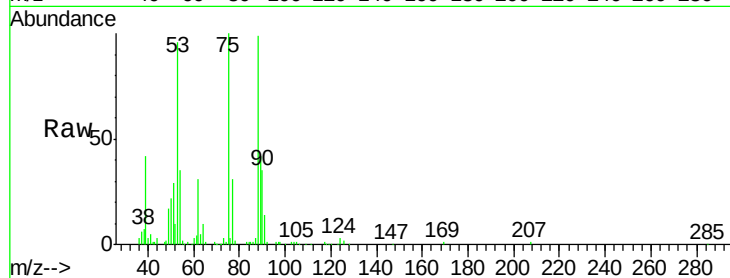
MSVOA_W

ClientSampleId :

VW0106SBSD01

Tgt Ion: 75 Resp: 44397

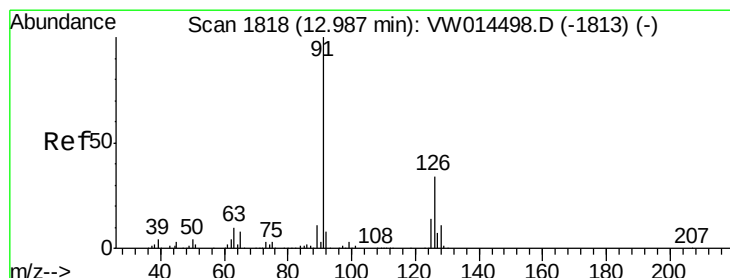
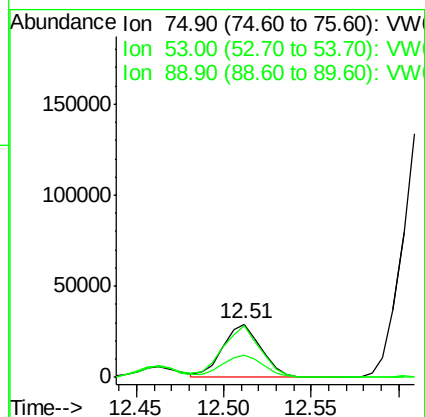
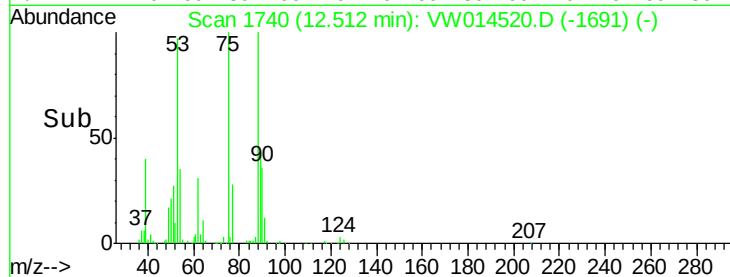
Ion	Ratio	Lower	Upper
75	100		
53	96.7	70.9	106.3
89	46.0	35.8	53.8



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 20.329 ug/l

RT: 12.99 min Scan# 1818

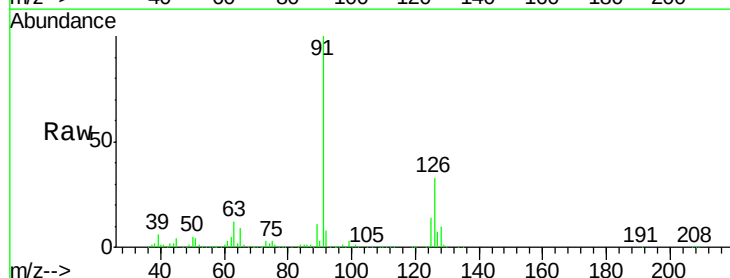
Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

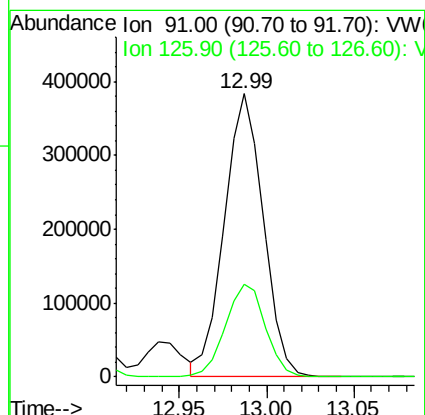
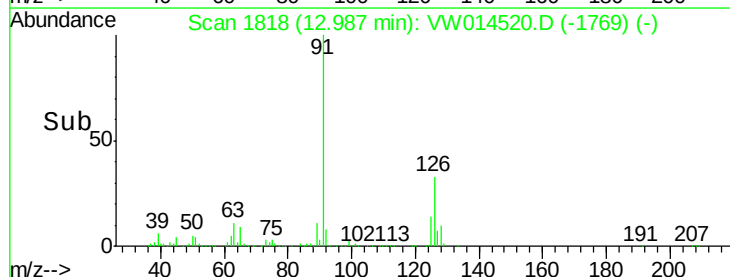
Tgt Ion: 91 Resp: 591553

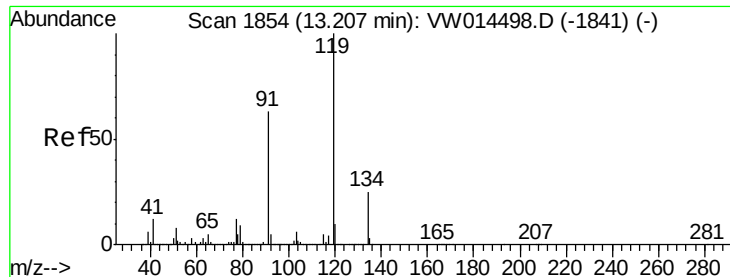
Ion	Ratio	Lower	Upper
91	100		
126	33.7	17.1	51.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.783 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

ClientSampleId :

VW0106SBSD01

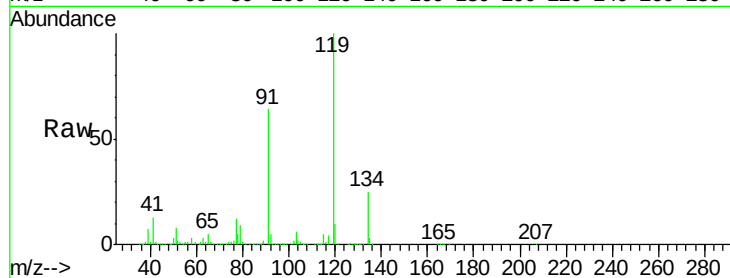
Tgt Ion:119 Resp: 608713

Ion Ratio Lower Upper

119 100

91 62.6 31.1 93.3

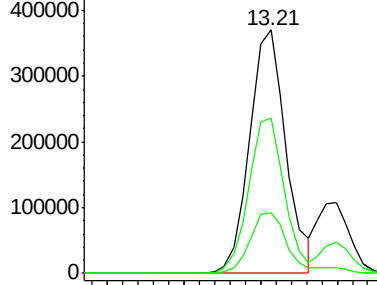
134 25.2 13.5 40.5



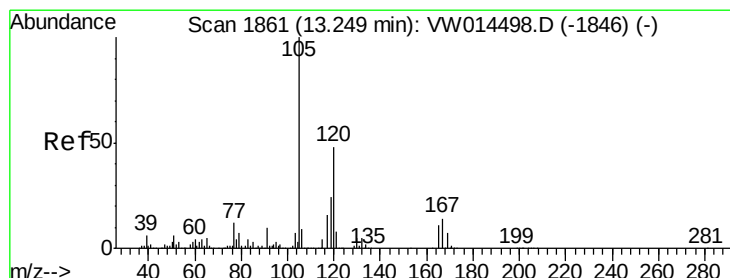
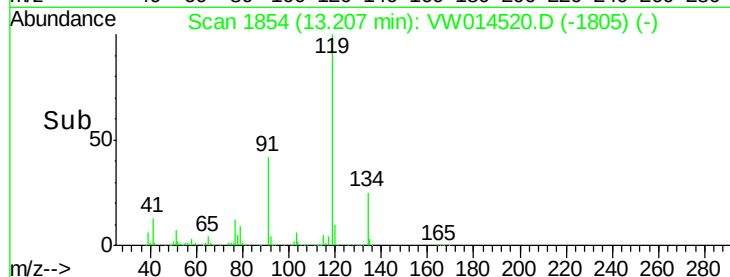
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#84

1,2,4-Trimethylbenzene

Concen: 20.074 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VW014520.D

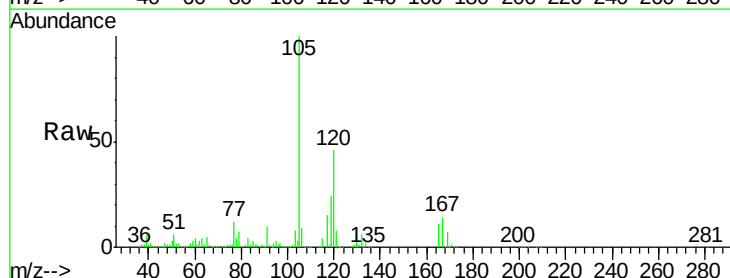
Acq: 06 Jan 2020 13:44

Tgt Ion:105 Resp: 702036

Ion Ratio Lower Upper

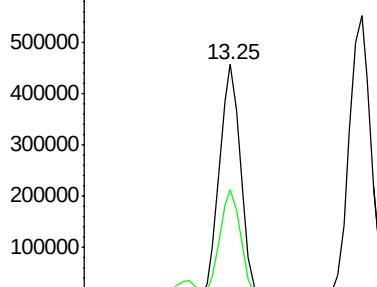
105 100

120 46.4 23.4 70.0

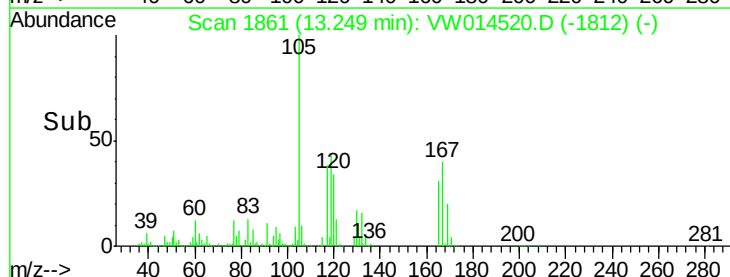


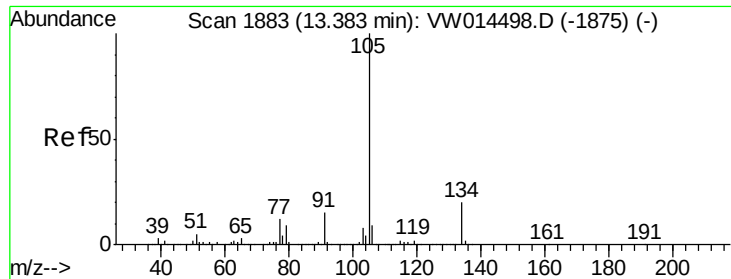
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->

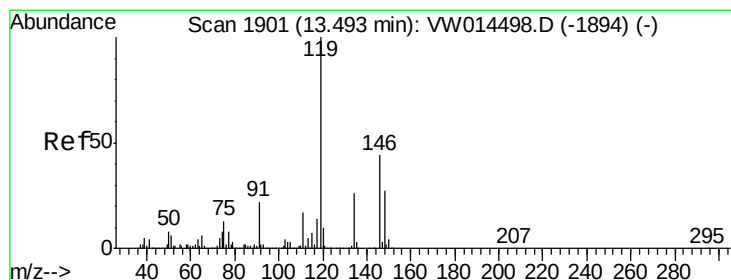
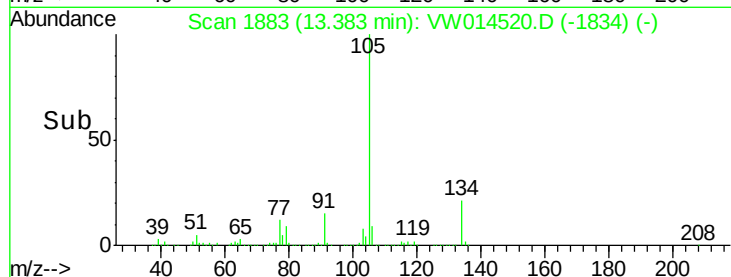
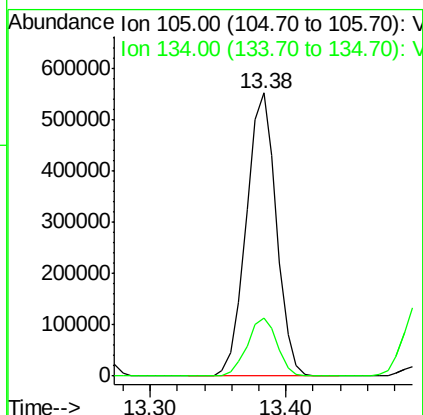
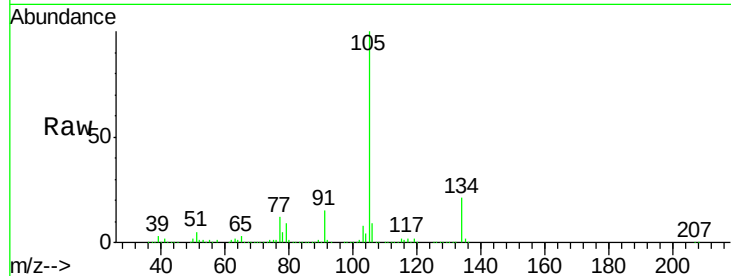




#85
 sec-Butylbenzene
 Concen: 20.120 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW014520.D
 Acq: 06 Jan 2020 13:44

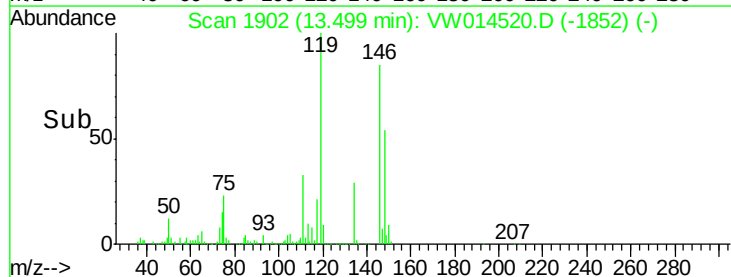
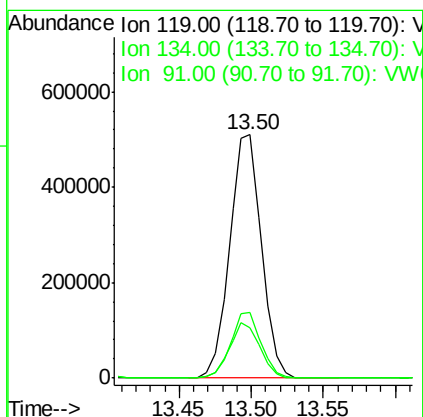
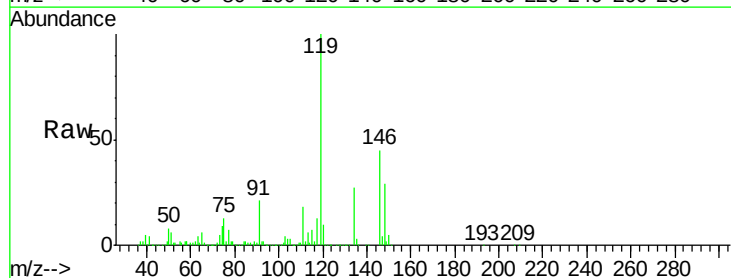
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0106SBS01

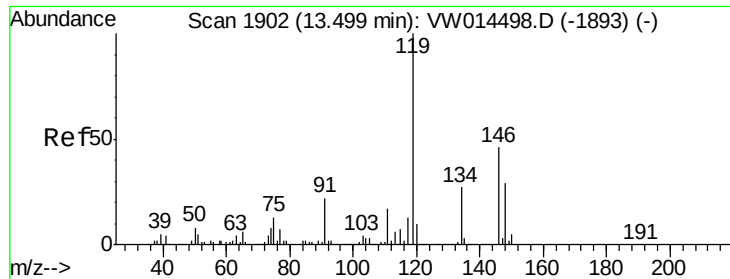
Tgt Ion:105 Resp: 856924
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 20.118 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.01 min
 Lab File: VW014520.D
 Acq: 06 Jan 2020 13:44

Tgt Ion:119 Resp: 781002
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.2 39.5
 91 22.1 11.1 33.3

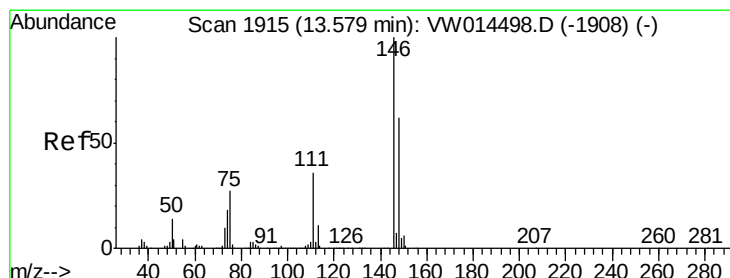
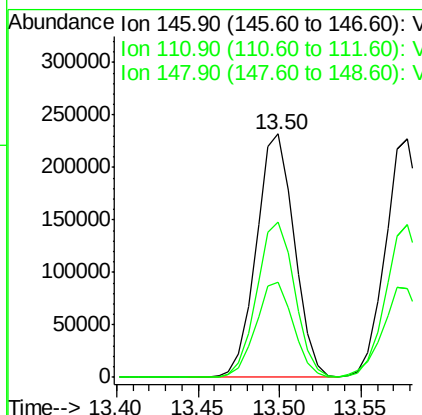
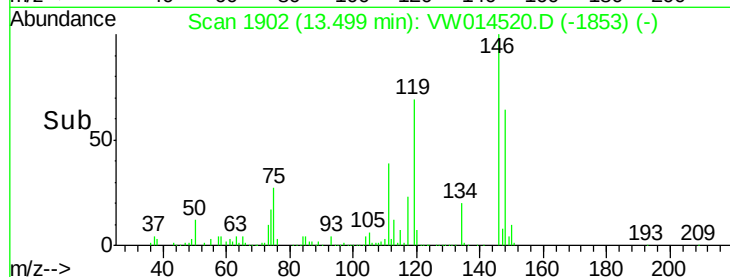
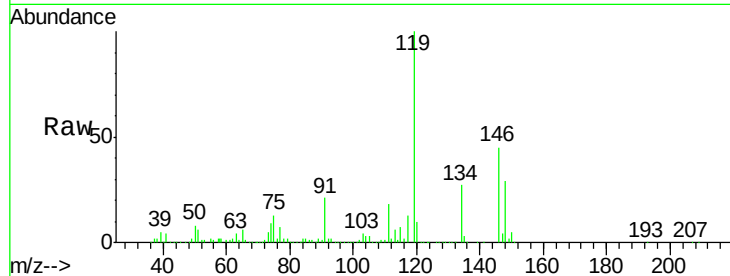




#87
 1,3-Dichlorobenzene
 Concen: 19.862 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW014520.D
 Acq: 06 Jan 2020 13:44

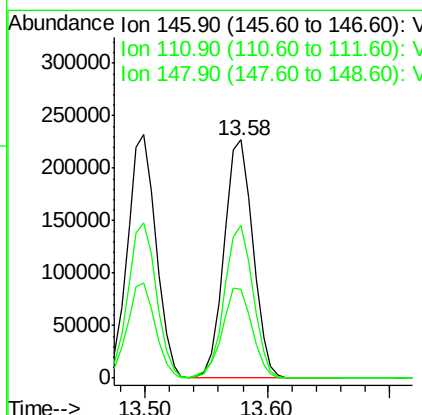
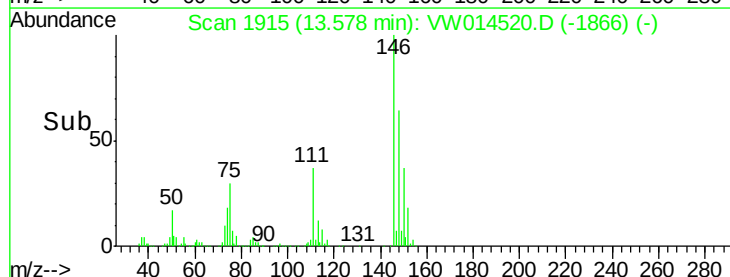
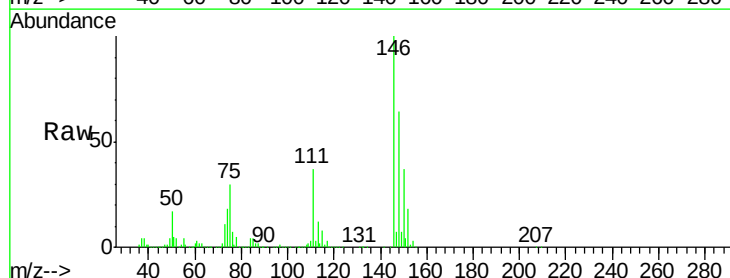
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0106SBSD01

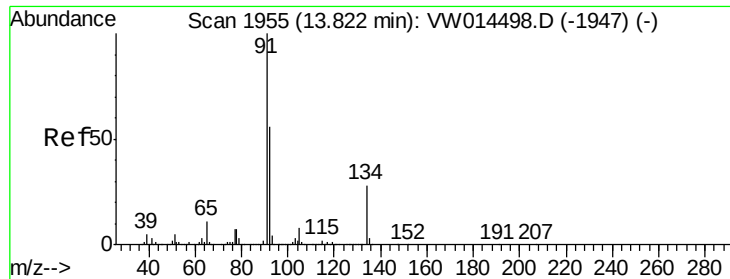
Tgt Ion:146 Resp: 375467
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.3 57.9
 148 63.8 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 19.760 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW014520.D
 Acq: 06 Jan 2020 13:44

Tgt Ion:146 Resp: 368785
 Ion Ratio Lower Upper
 146 100
 111 39.6 18.7 56.1
 148 63.9 31.7 95.1





#89

n-Butylbenzene

Concen: 20.063 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

ClientSampleId :

VW0106SBS01

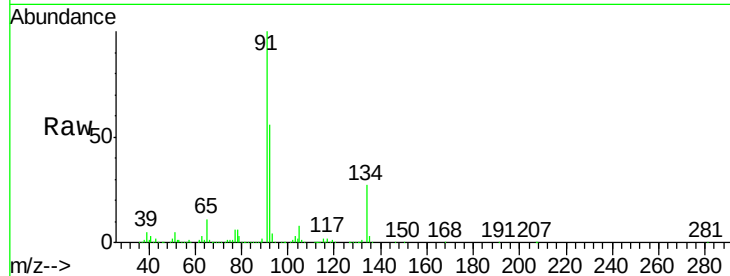
Tgt Ion: 91 Resp: 723289

Ion Ratio Lower Upper

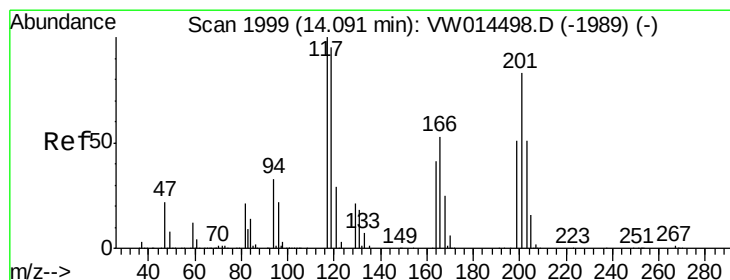
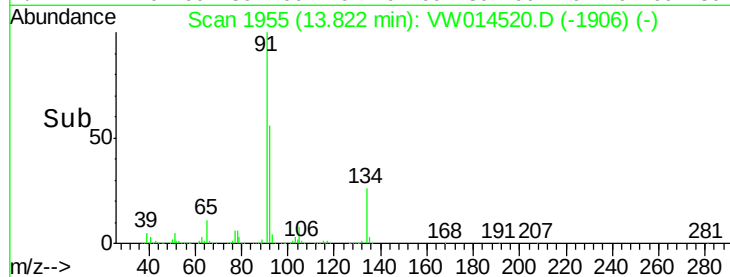
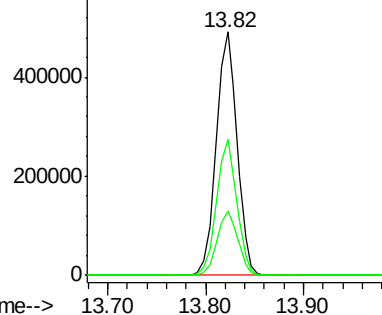
91 100

92 54.4 27.5 82.5

134 26.5 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: 19.365 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW014520.D

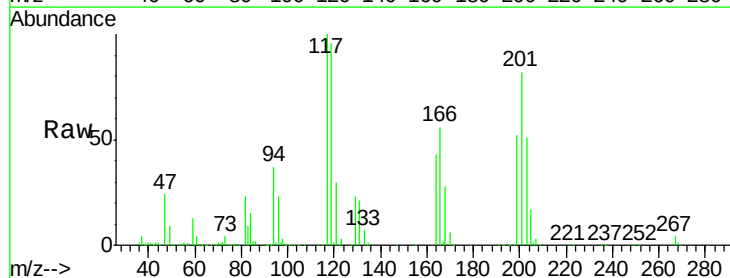
Acq: 06 Jan 2020 13:44

Tgt Ion: 117 Resp: 131331

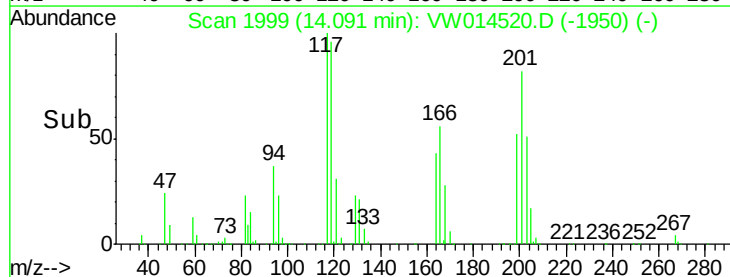
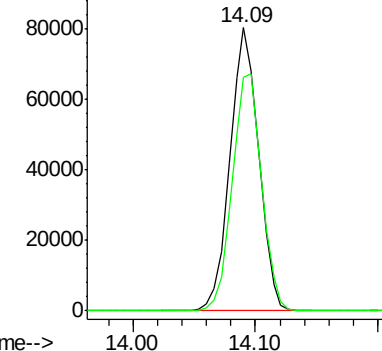
Ion Ratio Lower Upper

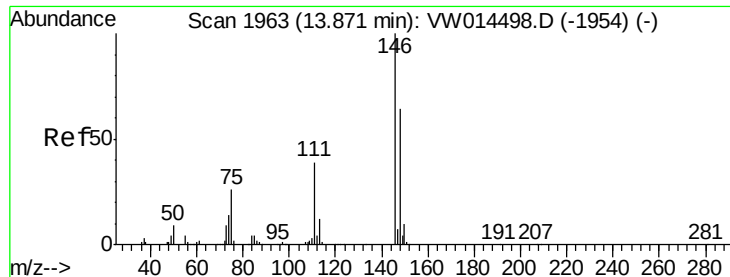
117 100

201 85.4 43.0 128.8



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

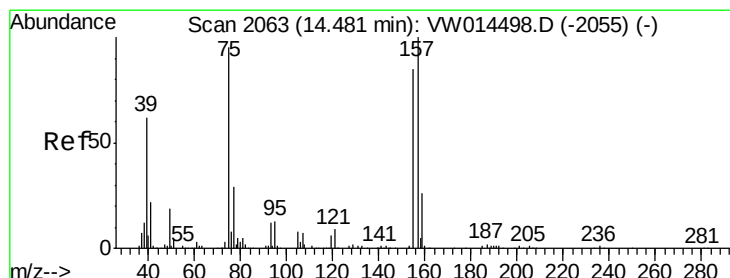
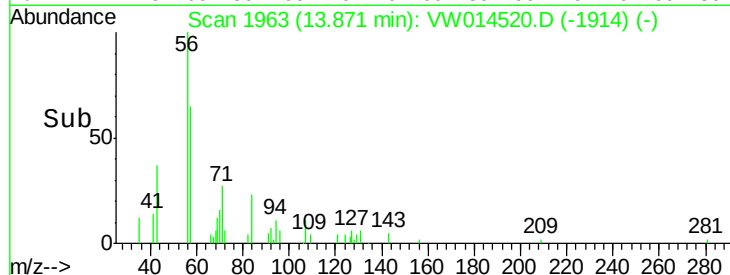
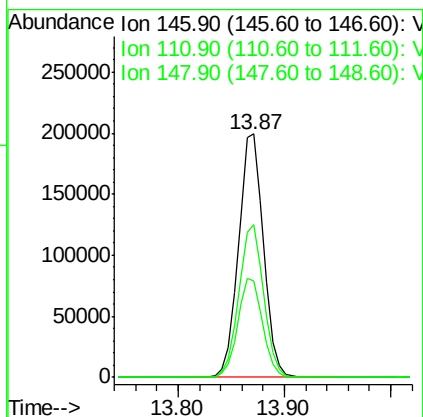
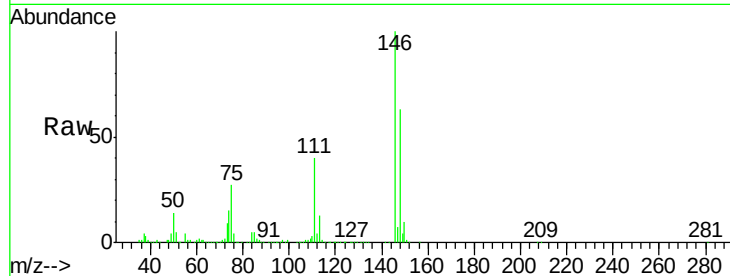




#91
 1,2-Dichlorobenzene
 Concen: 19.731 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW014520.D
 Acq: 06 Jan 2020 13:44

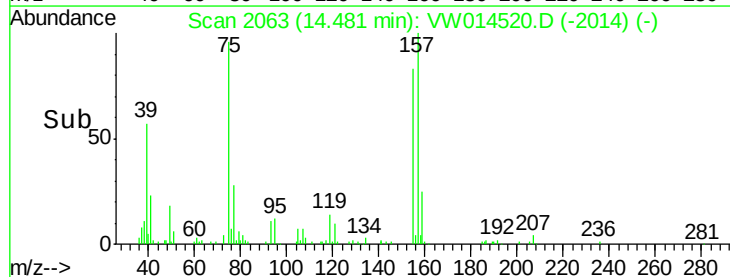
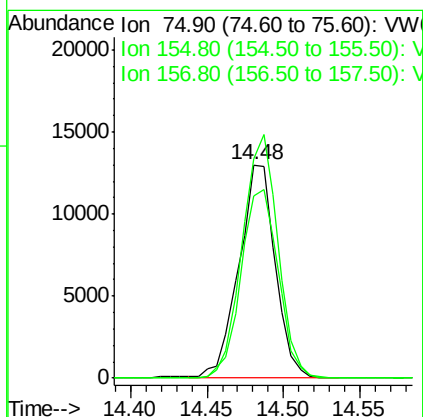
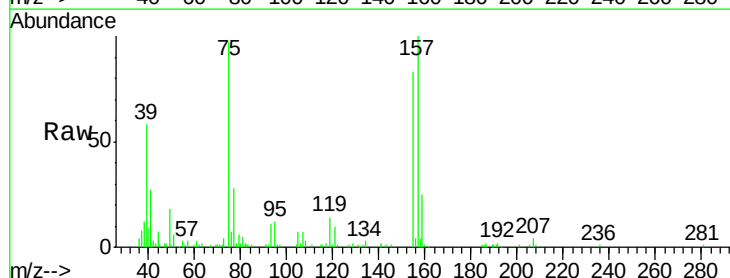
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0106SBSD01

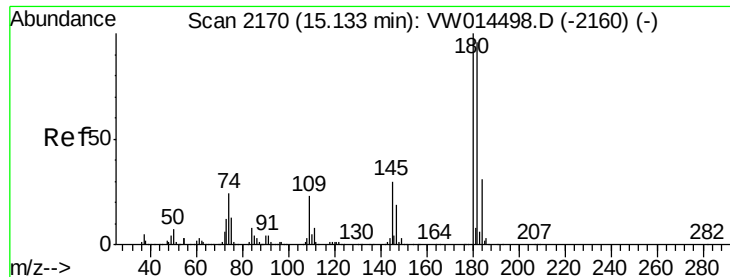
Tgt Ion: 146 Resp: 327839
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.4 61.3
 148 62.5 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.906 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW014520.D
 Acq: 06 Jan 2020 13:44

Tgt Ion: 75 Resp: 21422
 Ion Ratio Lower Upper
 75 100
 155 90.7 45.8 137.4
 157 111.9 58.1 174.2

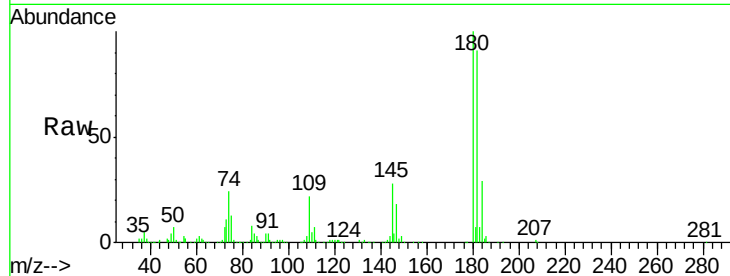




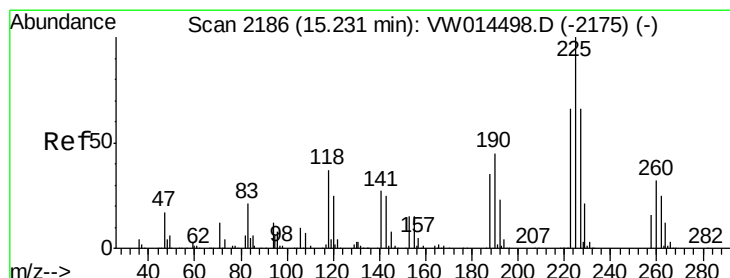
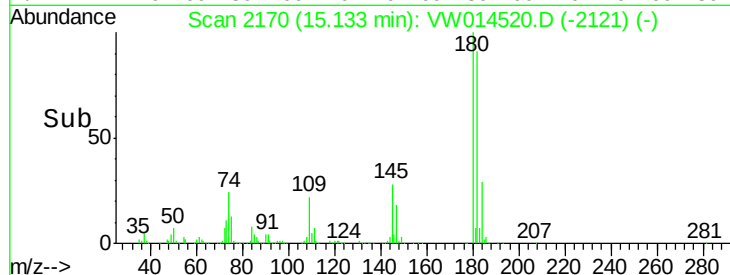
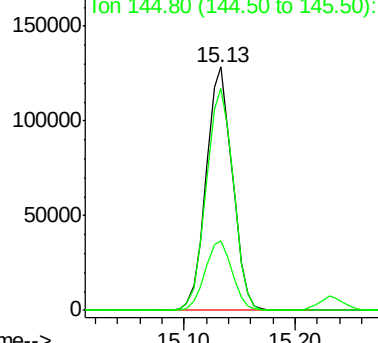
#93
 1,2,4-Trichlorobenzene
 Concen: 18.626 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW014520.D
 Acq: 06 Jan 2020 13:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0106SBSD01

Tgt Ion:180 Resp: 208986
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.3 141.8
 145 29.4 14.7 44.1

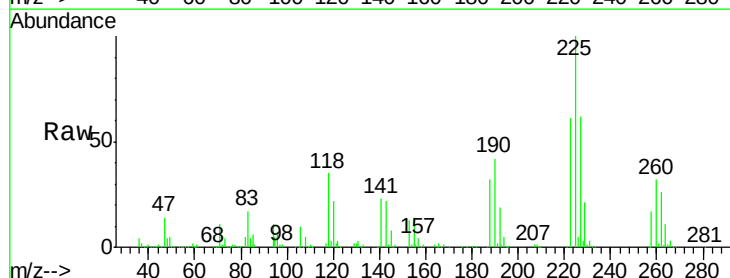


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

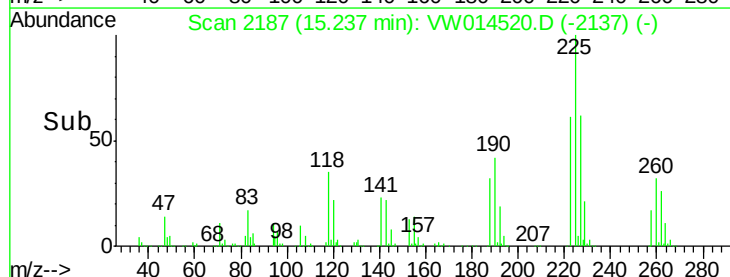
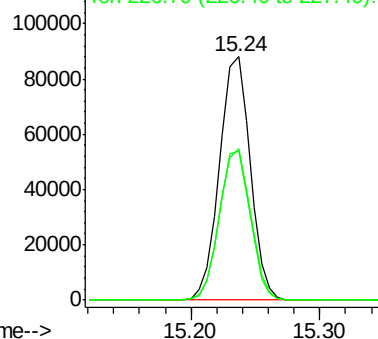


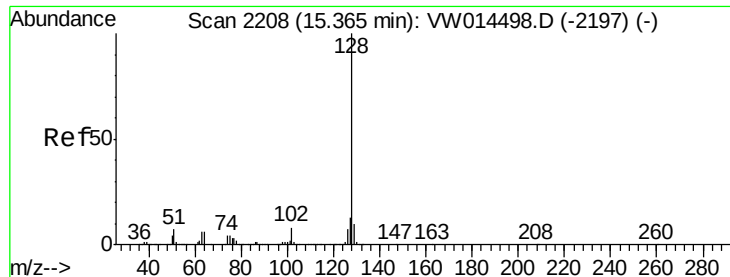
#94
 Hexachlorobutadiene
 Concen: 19.313 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.01 min
 Lab File: VW014520.D
 Acq: 06 Jan 2020 13:44

Tgt Ion:225 Resp: 145217
 Ion Ratio Lower Upper
 225 100
 223 61.7 32.4 97.2
 227 63.1 32.6 97.8



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

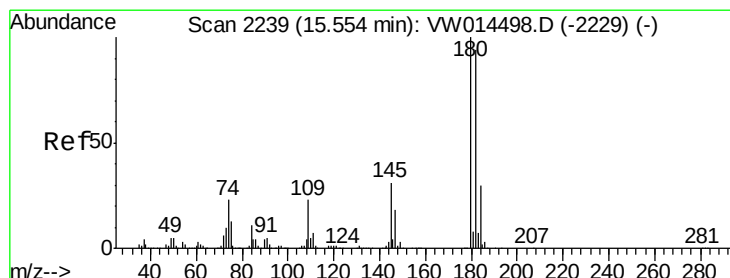
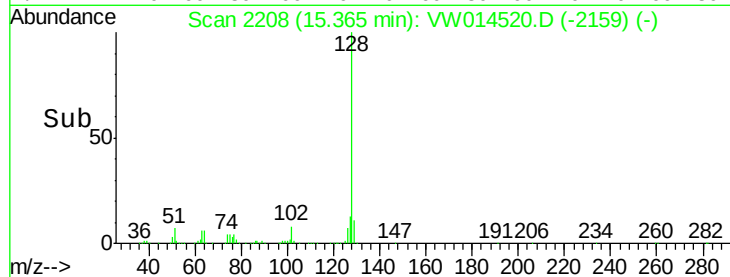
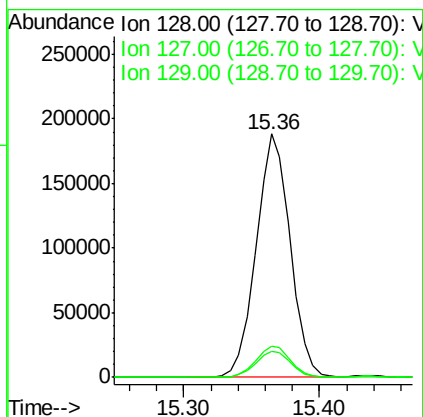
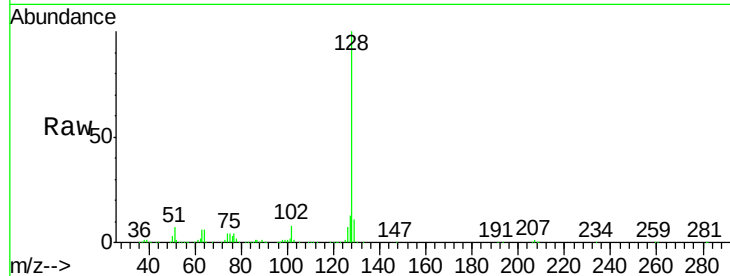




#95
Naphthalene
Concen: 17.193 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Instrument :
MSVOA_W
ClientSampleId :
VW0106SBSD01

Tgt Ion:128 Resp: 329002
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.346 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Tgt Ion:180 Resp: 179431
Ion Ratio Lower Upper
180 100
182 96.2 47.4 142.2
145 30.3 15.5 46.5

