

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010920\
 Data File : VW014574.D
 Acq On : 09 Jan 2020 11:40
 Operator : SY/VA
 Sample : VW0109SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 09 12:49:17 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	617505	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	904305	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	775933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	379391	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	280532	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	
35) Dibromofluoromethane	7.88	113	275625	53.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.66%	
50) Toluene-d8	10.32	98	1149921	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	
62) 4-Bromofluorobenzene	12.62	95	386871	52.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.76%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	70988	20.360	ug/l 98
3) Chloromethane	2.21	50	92395	21.650	ug/l 99
4) Vinyl Chloride	2.36	62	135681	21.616	ug/l 97
5) Bromomethane	2.76	94	81127	20.922	ug/l 99
6) Chloroethane	2.92	64	74973	20.953	ug/l 99
7) Trichlorofluoromethane	3.25	101	62740	19.977	ug/l 98
8) Diethyl Ether	3.68	74	62788	20.094	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	121185	20.652	ug/l 98
10) Methyl Iodide	4.27	142	178295	20.138	ug/l 99
11) Tert butyl alcohol	5.17	59	43496	89.792	ug/l 99
12) 1,1-Dichloroethene	4.04	96	123088	20.030	ug/l 96
13) Acrolein	3.89	56	46423	98.516	ug/l 100
14) Allyl chloride	4.66	41	188795	20.105	ug/l 99
15) Acrylonitrile	5.37	53	152375	106.681	ug/l 99
16) Acetone	4.12	43	151867	99.619	ug/l 94
17) Carbon Disulfide	4.38	76	369498	19.950	ug/l 99
18) Methyl Acetate	4.67	43	77116	20.945	ug/l 99
19) Methyl tert-butyl Ether	5.42	73	161667	21.194	ug/l 95
20) Methylene Chloride	4.92	84	138226	19.677	ug/l 99
21) trans-1,2-Dichloroethene	5.42	96	134995	20.689	ug/l 92
22) Diisopropyl ether	6.31	45	353332	20.102	ug/l 98
23) Vinyl Acetate	6.25	43	1078549	101.616	ug/l 100
24) 1,1-Dichloroethane	6.21	63	223754	20.181	ug/l 98
25) 2-Butanone	7.17	43	202002	103.252	ug/l 99
26) 2,2-Dichloropropane	7.16	77	127865	20.830	ug/l 100
27) cis-1,2-Dichloroethene	7.16	96	137681	20.081	ug/l 99
28) Bromochloromethane	7.51	49	79298	18.243	ug/l 98
29) Tetrahydrofuran	7.52	42	125098	103.216	ug/l 99
30) Chloroform	7.67	83	211051	20.356	ug/l 99
31) Cyclohexane	7.95	56	229609	19.927	ug/l 98
32) 1,1,1-Trichloroethane	7.87	97	174537	20.931	ug/l 100
36) 1,1-Dichloropropene	8.08	75	183950	21.100	ug/l 100
37) Ethyl Acetate	7.24	43	83819	21.199	ug/l 98
38) Carbon Tetrachloride	8.06	117	159148	21.042	ug/l 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010920\
 Data File : VW014574.D
 Acq On : 09 Jan 2020 11:40
 Operator : SY/VA
 Sample : VW0109SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 09 12:49:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	223396	19.968	ug/l	96
40) Benzene	8.32	78	520613	21.106	ug/l	99
41) Methacrylonitrile	7.48	41	44893	20.369	ug/l	97
42) 1,2-Dichloroethane	8.40	62	133558	20.865	ug/l	99
43) Isopropyl Acetate	8.41	43	151240	21.065	ug/l	100
44) Trichloroethene	9.09	130	140656	21.074	ug/l	96
45) 1,2-Dichloropropane	9.37	63	124964	20.646	ug/l	99
46) Dibromomethane	9.45	93	62650	20.967	ug/l	98
47) Bromodichloromethane	9.64	83	149592	20.278	ug/l	99
48) Methyl methacrylate	9.43	41	66229	18.893	ug/l	91
49) 1,4-Dioxane	9.45	88	23905	427.734	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	394104	105.701	ug/l	98
52) Toluene	10.38	92	325110	20.951	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	156971	20.551	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	189745	20.326	ug/l	99
55) 1,1,2-Trichloroethane	10.78	97	92251	21.139	ug/l	97
56) Ethyl methacrylate	10.64	69	117343	20.690	ug/l	98
57) 1,3-Dichloropropane	10.93	76	160776	20.962	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	180301	104.529	ug/l	99
59) 2-Hexanone	10.96	43	276748	107.716	ug/l	99
60) Dibromochloromethane	11.13	129	101097	20.532	ug/l	98
61) 1,2-Dibromoethane	11.23	107	88946	21.472	ug/l	100
64) Tetrachloroethene	10.86	164	119325	21.242	ug/l	97
65) Chlorobenzene	11.65	112	333466	20.977	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	112530	21.025	ug/l	100
67) Ethyl Benzene	11.73	91	602029	21.015	ug/l	100
68) m/p-Xylenes	11.84	106	463306	42.256	ug/l	100
69) o-Xylene	12.16	106	211495	20.883	ug/l	99
70) Styrene	12.18	104	361806	21.121	ug/l	99
71) Bromoform	12.35	173	60443	20.704	ug/l #	99
73) Isopropylbenzene	12.46	105	589327	21.170	ug/l	100
74) N-amyl acetate	12.27	43	128413	20.573	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	109274	21.748	ug/l	99
76) 1,2,3-Trichloropropane	12.76	75	135269	37.710	ug/l #	100
77) Bromobenzene	12.74	156	139520	21.579	ug/l	95
78) n-propylbenzene	12.80	91	694519	21.217	ug/l	99
79) 2-Chlorotoluene	12.89	91	390571	20.966	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	493764	21.125	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	33263	20.661	ug/l	95
82) 4-Chlorotoluene	12.99	91	403478	20.848	ug/l	100
83) tert-Butylbenzene	13.20	119	427559	20.893	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	487032	20.939	ug/l	100
85) sec-Butylbenzene	13.38	105	598974	21.146	ug/l	99
86) p-Isopropyltoluene	13.49	119	540829	20.947	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	263035	20.921	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	262399	21.140	ug/l	99
89) n-Butylbenzene	13.82	91	494970	20.644	ug/l	98
90) Hexachloroethane	14.09	117	90704	20.110	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	233702	21.149	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	17033	21.407	ug/l	97

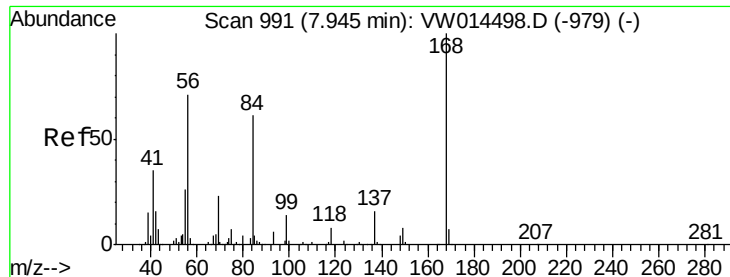
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010920\
Data File : VW014574.D
Acq On : 09 Jan 2020 11:40
Operator : SY/VA
Sample : VW0109SBS01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jan 09 12:49:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	153527	20.573	ug/l	99
94) Hexachlorobutadiene	15.24	225	100812	20.159	ug/l	99
95) Naphthalene	15.36	128	265831	20.888	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	136290	20.953	ug/l	98

(#) = 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: VW014574.D

Acq: 09 Jan 2020 11:40

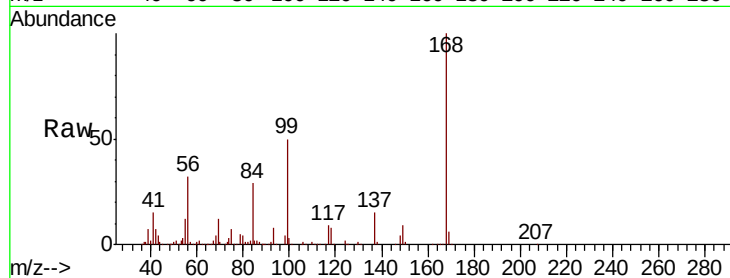
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 617505

Ion Ratio Lower Upper

168 100

99 50.1 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

300000

250000

200000

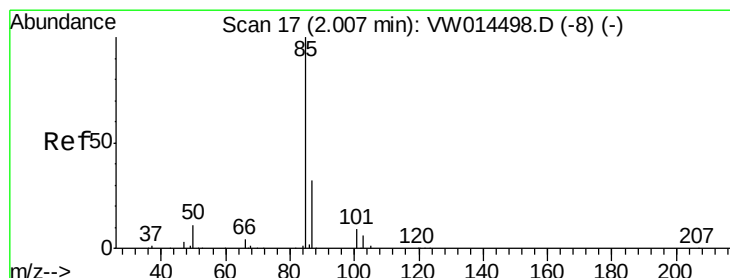
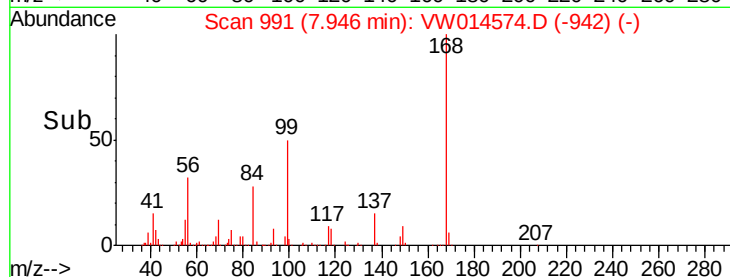
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 20.360 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW014574.D

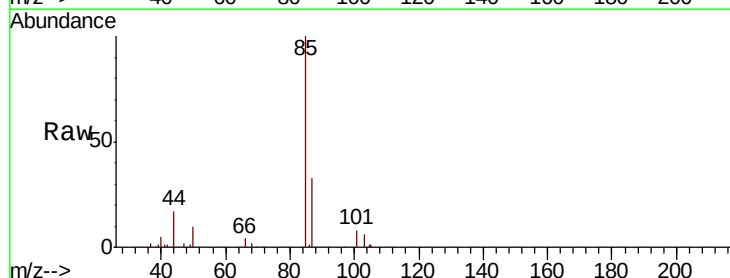
Acq: 09 Jan 2020 11:40

Tgt Ion: 85 Resp: 70988

Ion Ratio Lower Upper

85 100

87 33.2 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

30000

25000

20000

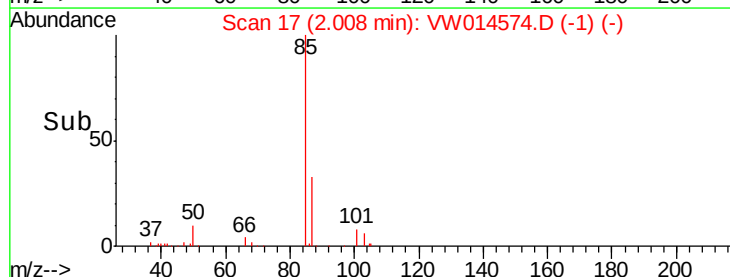
15000

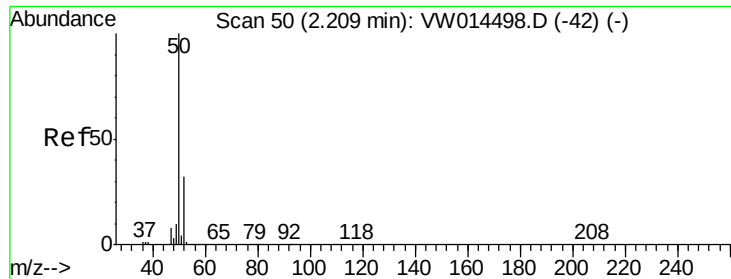
10000

5000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 21.650 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW014574.D

Acq: 09 Jan 2020 11:40

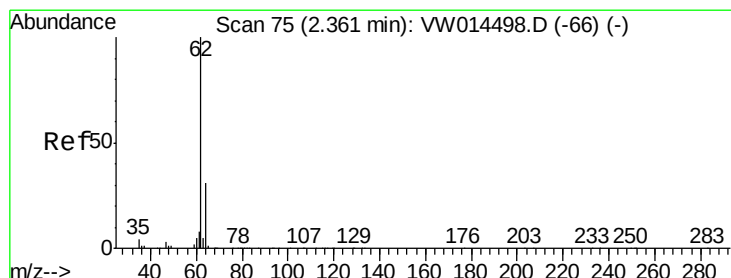
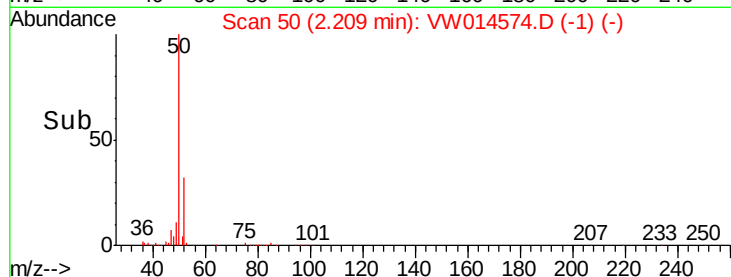
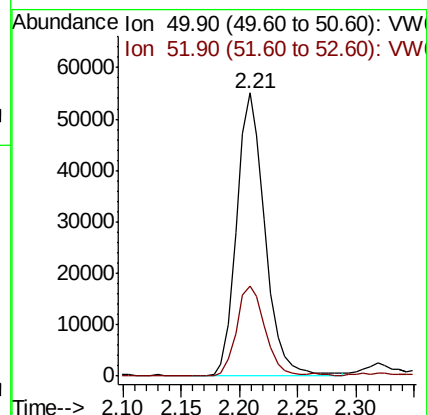
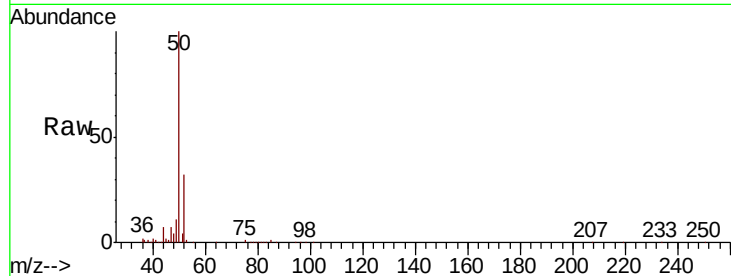
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 50 Resp: 92395

Ion Ratio Lower Upper

50 100

52 31.8 25.8 38.8



#4

Vinyl Chloride

Concen: 21.616 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW014574.D

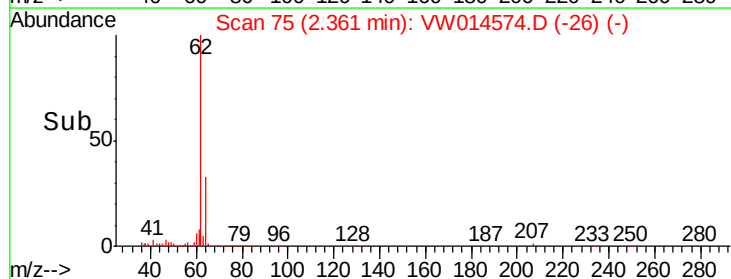
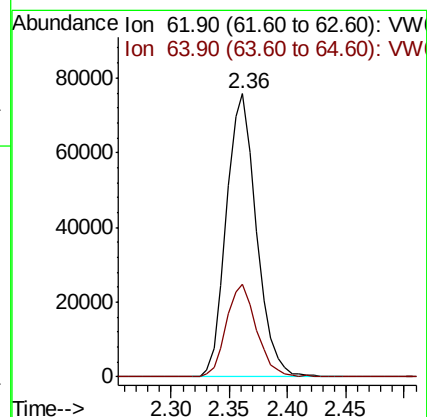
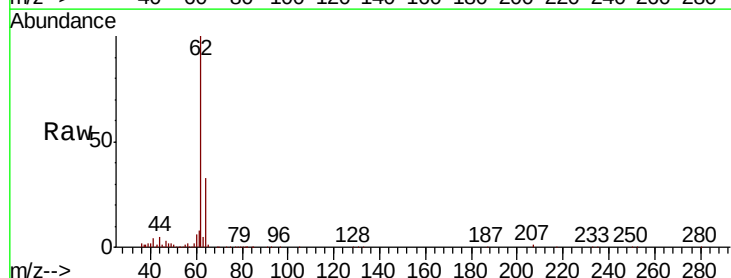
Acq: 09 Jan 2020 11:40

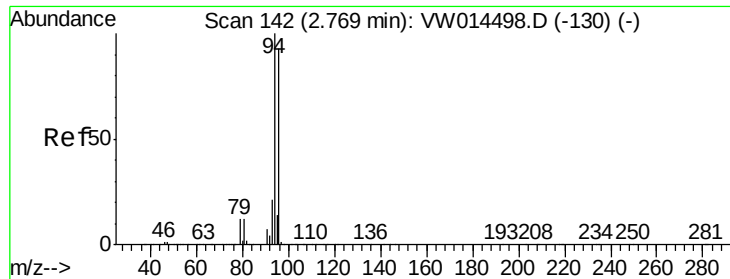
Tgt Ion: 62 Resp: 135681

Ion Ratio Lower Upper

62 100

64 32.8 25.0 37.4





#5

Bromomethane

Concen: 20.922 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW014574.D

Acq: 09 Jan 2020 11:40

Instrument :

MSVOA_W

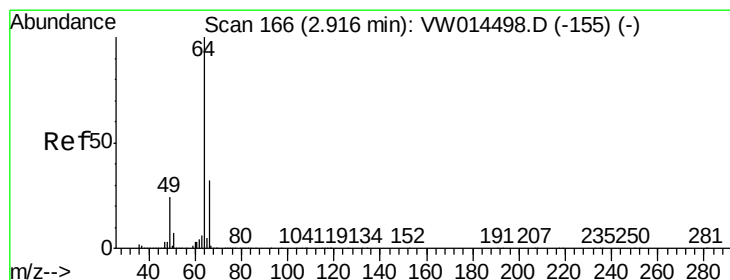
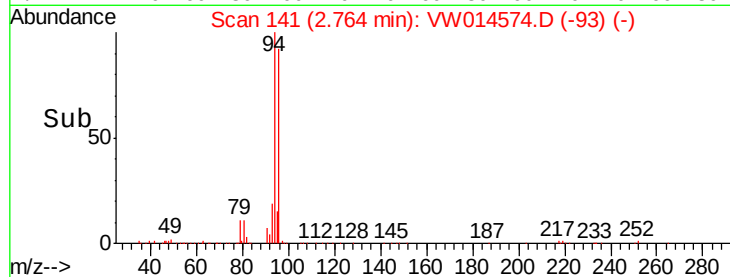
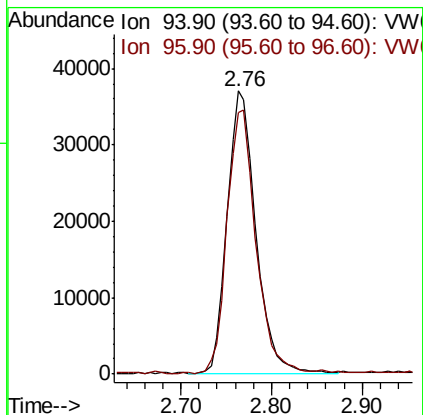
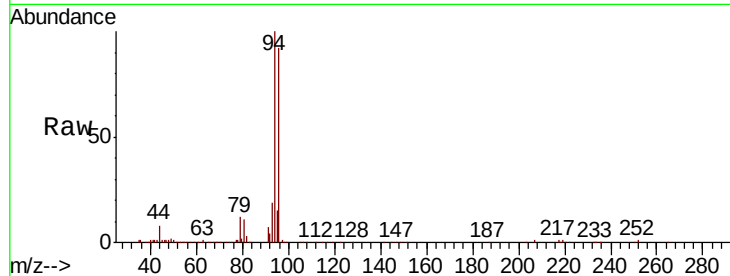
ClientSampleId :

Tot Ion: 94 Resp: 81127

Ion Ratio Lower Upper

94 100

96 92.1 74.2 111.2



#6

Chloroethane

Concen: 20.953 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW014574.D

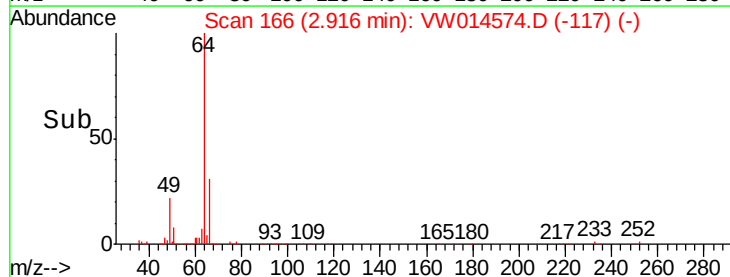
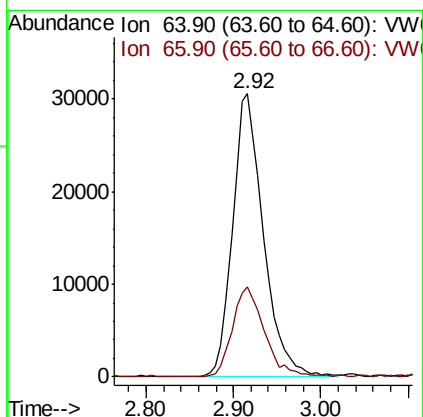
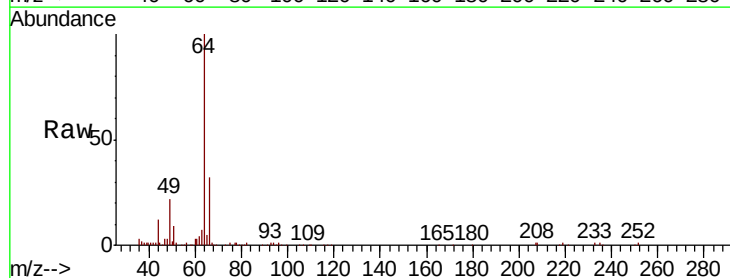
Acq: 09 Jan 2020 11:40

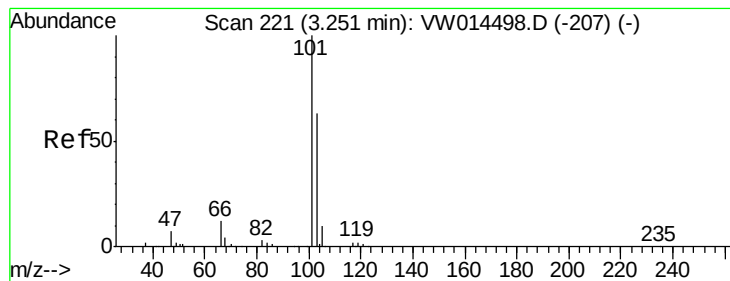
Tgt Ion: 64 Resp: 74973

Ion Ratio Lower Upper

64 100

66 31.5 25.7 38.5



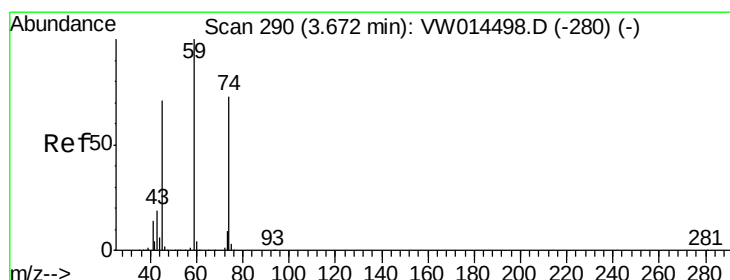
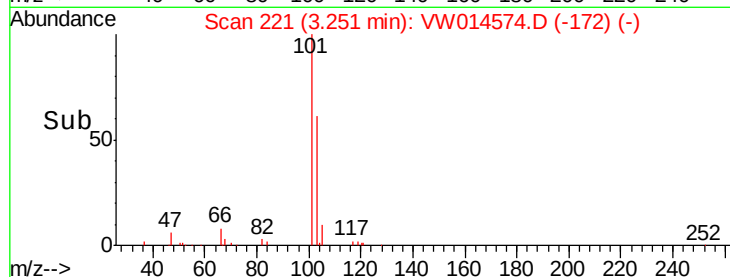
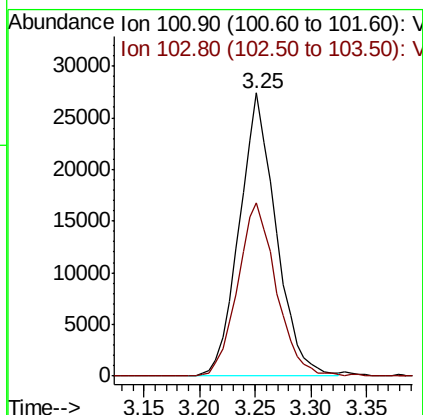
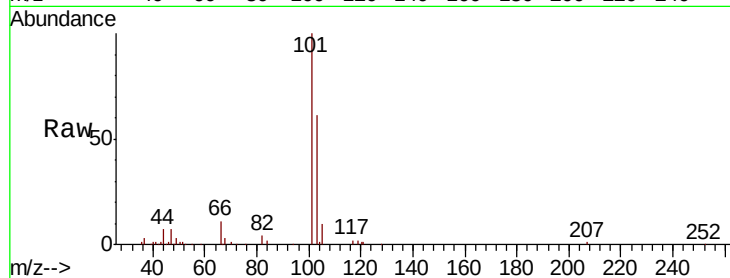


#7

Trichlorofluoromethane
 Concen: 19.977 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VW014574.D
 Acq: 09 Jan 2020 11:40

Instrument :
 MSVOA_W
 ClientSampleId :

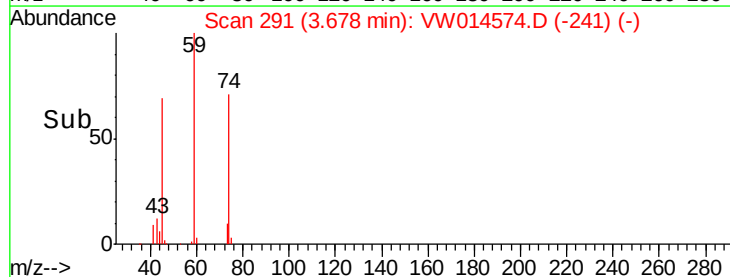
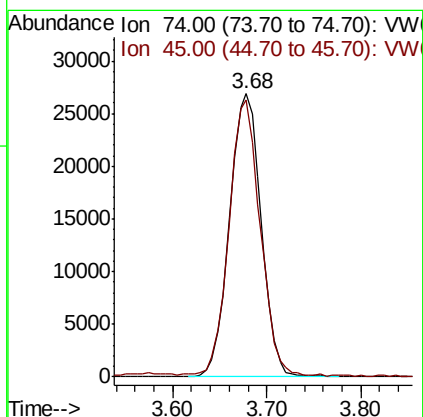
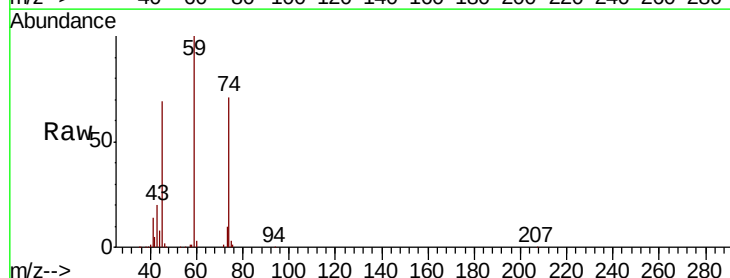
Tot Ion:101 Resp: 62740
 Ion Ratio Lower Upper
 101 100
 103 61.0 50.1 75.1

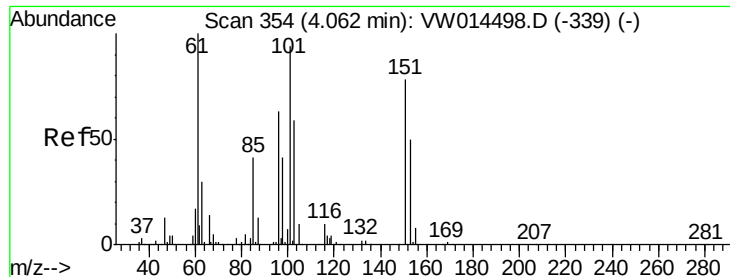


#8

Diethyl Ether
 Concen: 20.094 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.01 min
 Lab File: VW014574.D
 Acq: 09 Jan 2020 11:40

Tgt Ion: 74 Resp: 62788
 Ion Ratio Lower Upper
 74 100
 45 96.9 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.652 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW014574.D

Acq: 09 Jan 2020 11:40

Instrument :

MSVOA_W

ClientSampleId :

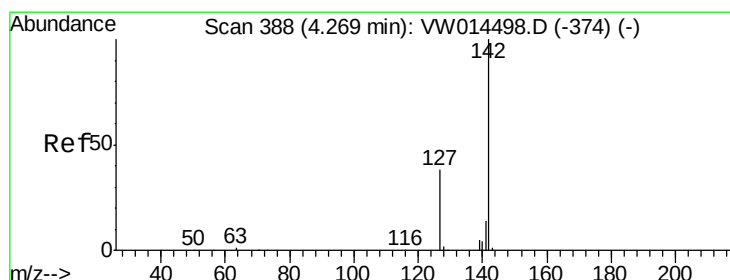
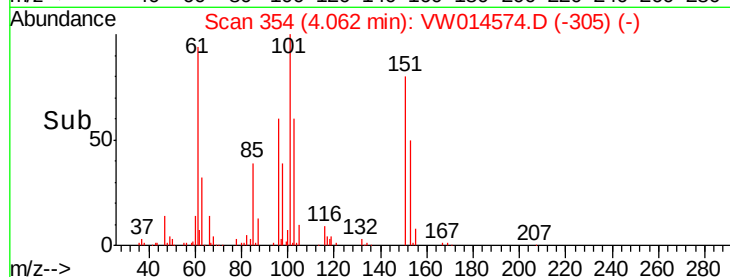
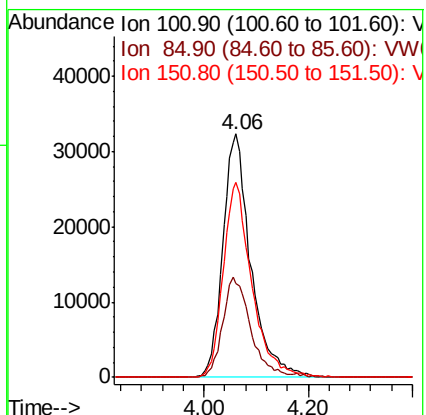
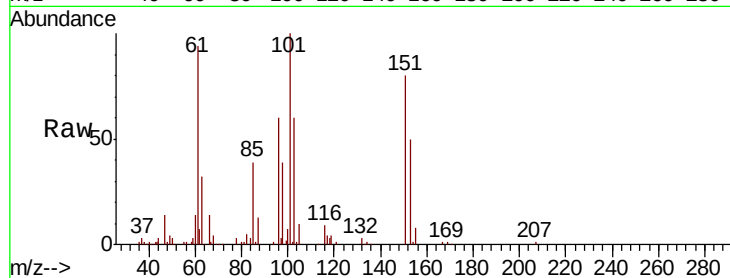
Tot Ion:101 Resp: 121185

Ion Ratio Lower Upper

101 100

85 41.5 33.7 50.5

151 81.6 63.5 95.3



#10

Methyl Iodide

Concen: 20.138 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW014574.D

Acq: 09 Jan 2020 11:40

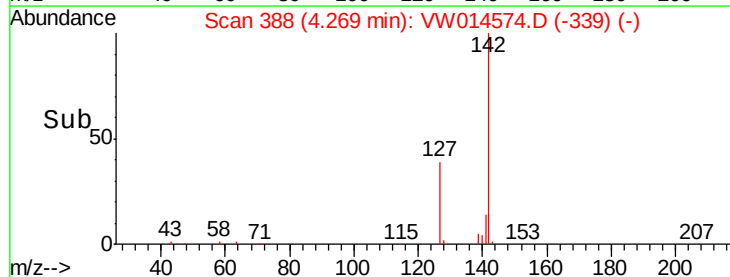
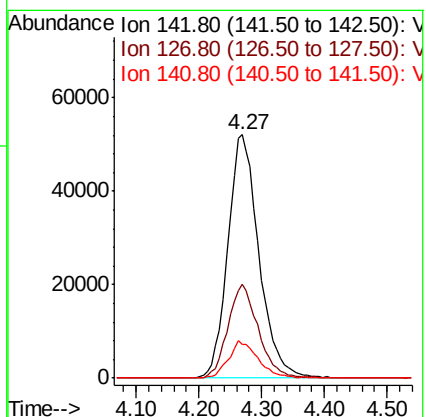
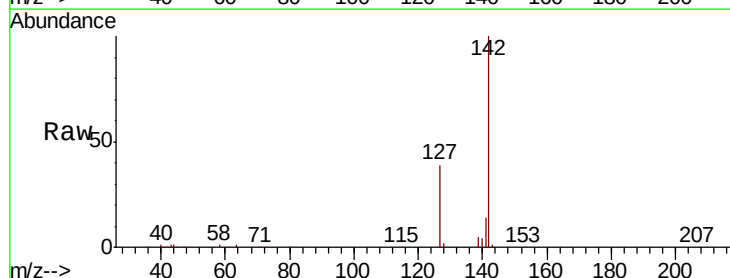
Tgt Ion:142 Resp: 178295

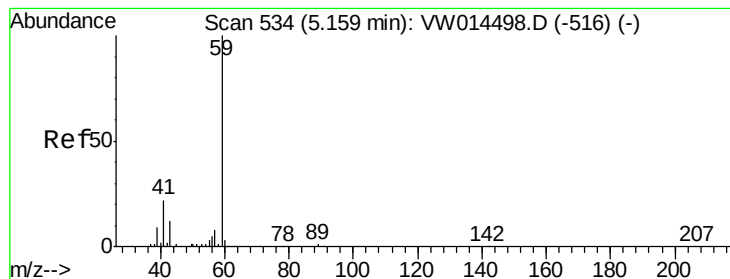
Ion Ratio Lower Upper

142 100

127 37.5 30.2 45.4

141 14.6 11.4 17.2



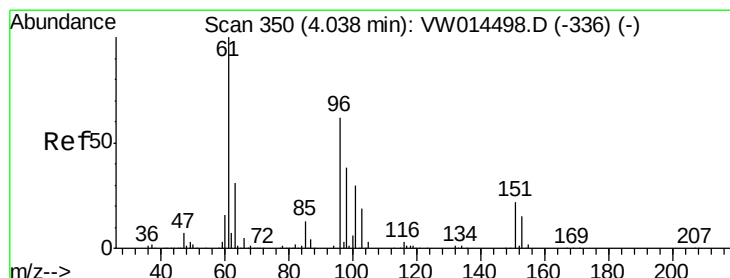
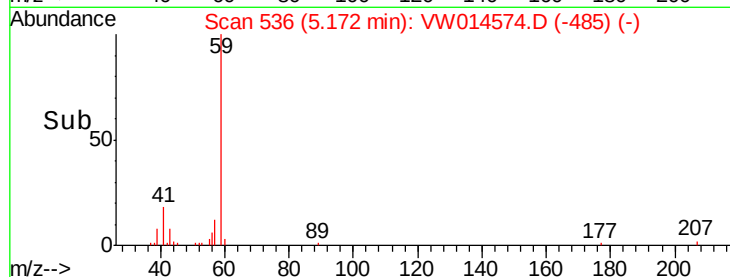
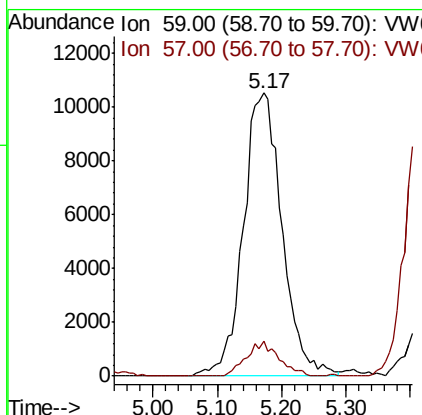
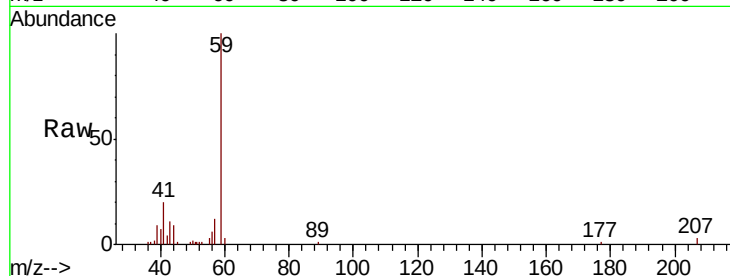


#11

Tert butyl alcohol
Concen: 89.792 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW014574.D
Acq: 09 Jan 2020 11:40

Instrument :
MSVOA_W
ClientSampled :

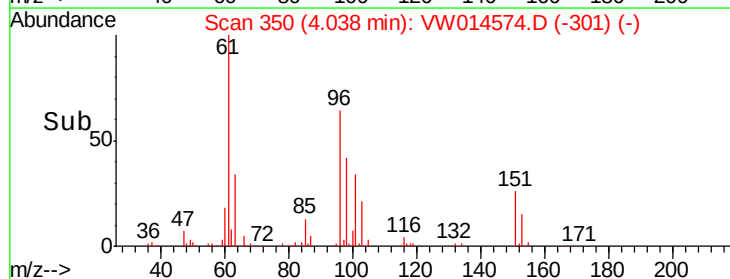
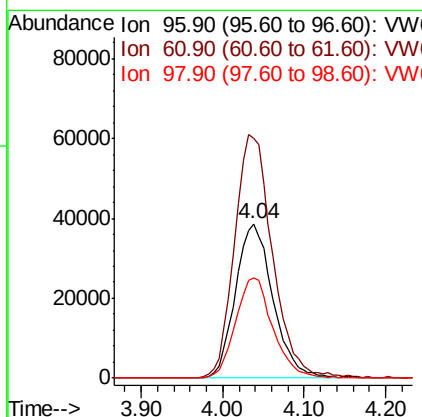
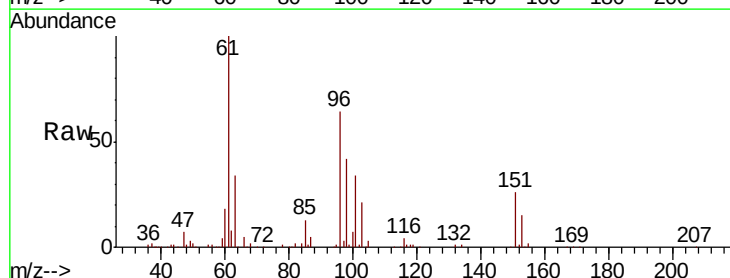
Tot Ion: 59 Resp: 43496
Ion Ratio Lower Upper
59 100
57 10.3 7.8 11.8

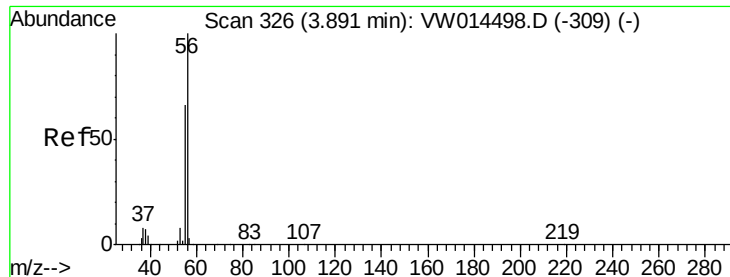


#12

1,1-Dichloroethene
Concen: 20.030 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW014574.D
Acq: 09 Jan 2020 11:40

Tgt Ion: 96 Resp: 123088
Ion Ratio Lower Upper
96 100
61 155.2 128.4 192.6
98 64.9 49.1 73.7





#13

Acrolein

Concen: 98.516 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW014574.D

Acq: 09 Jan 2020 11:40

Instrument :

MSVOA_W

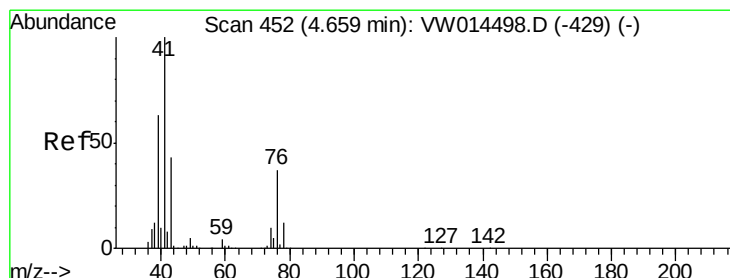
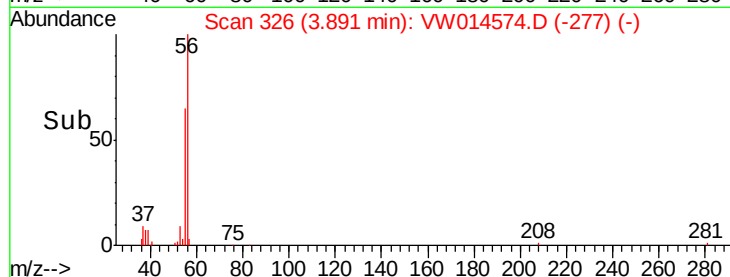
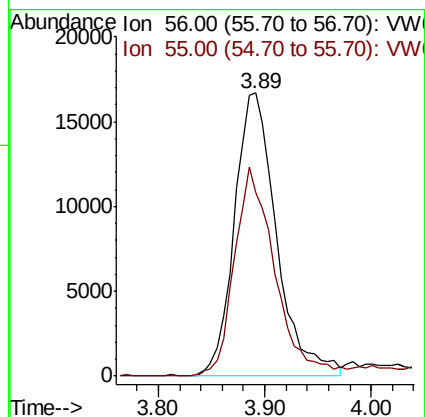
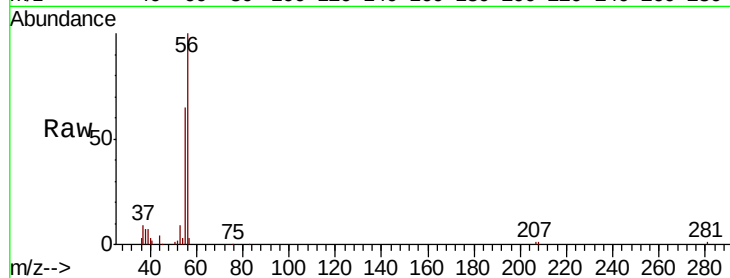
ClientSampleId :

Tot Ion: 56 Resp: 46423

Ion Ratio Lower Upper

56 100

55 71.2 56.7 85.1



#14

Allyl chloride

Concen: 20.105 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW014574.D

Acq: 09 Jan 2020 11:40

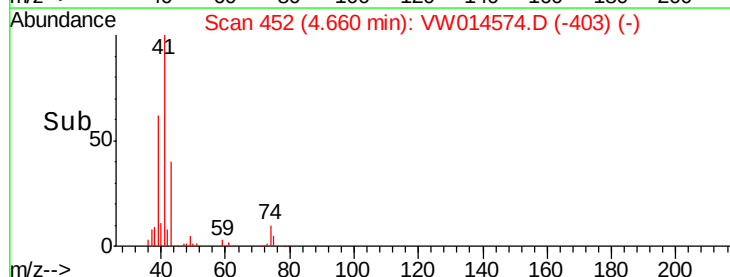
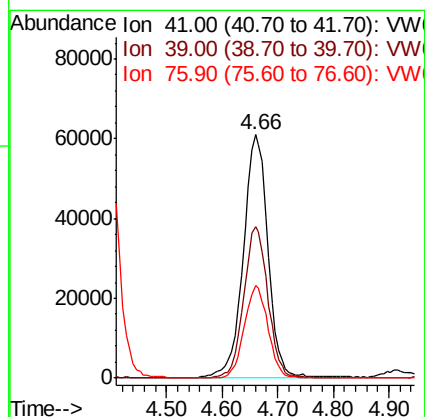
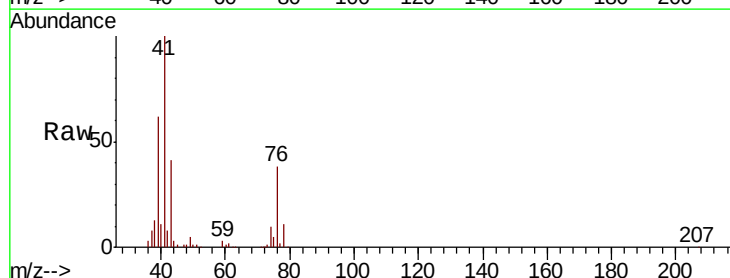
Tgt Ion: 41 Resp: 188795

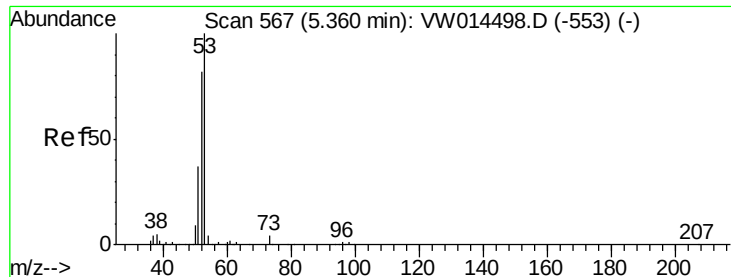
Ion Ratio Lower Upper

41 100

39 61.0 48.5 72.7

76 36.4 28.1 42.1





#15

Acrylonitrile

Concen: 106.681 ug/l

RT: 5.37 min Scan# 568

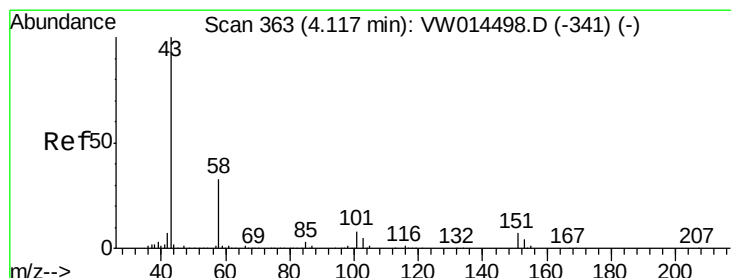
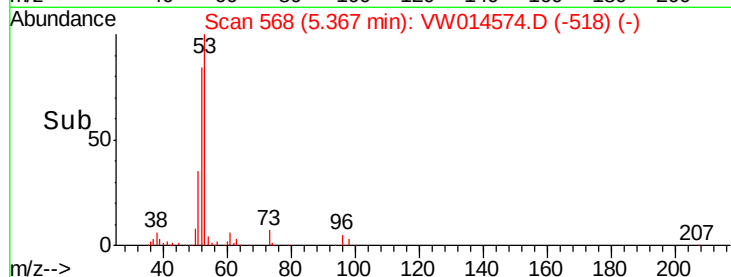
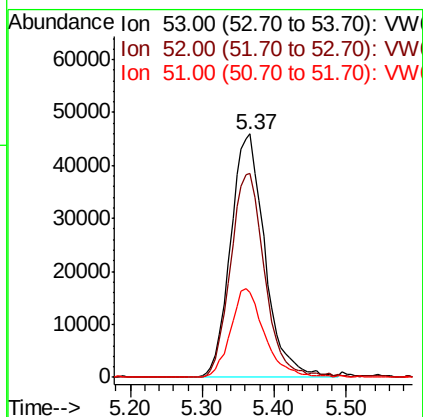
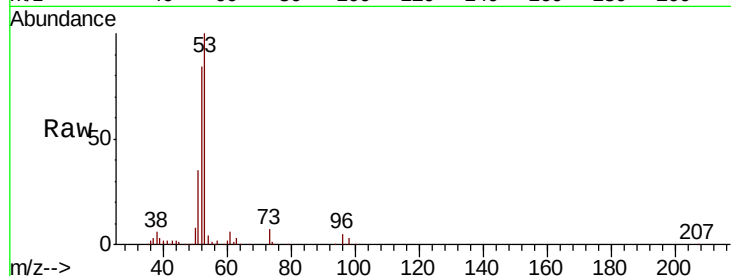
Delta R.T. 0.01 min

Lab File: VW014574.D

Acq: 09 Jan 2020 11:40

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	53	Resp:	152375
Ion	Ratio	Lower	Upper
53	100		
52	83.7	66.5	99.7
51	35.9	28.4	42.6



#16

Acetone

Concen: 99.619 ug/l

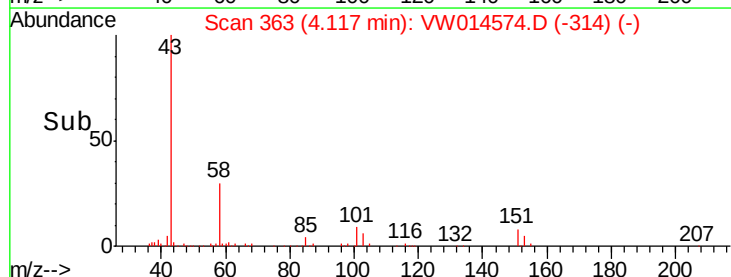
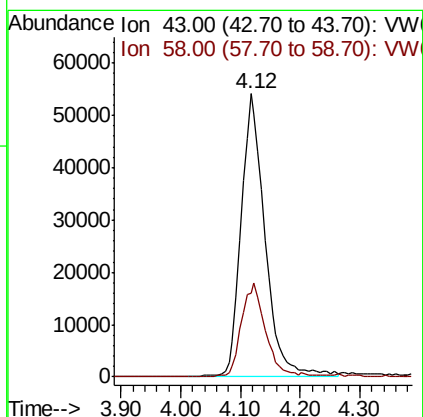
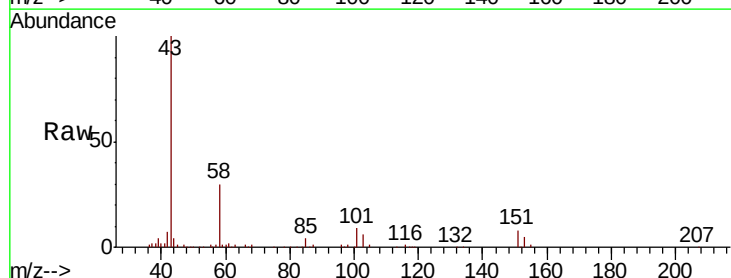
RT: 4.12 min Scan# 363

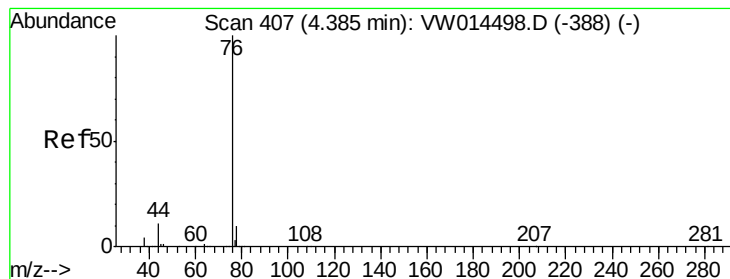
Delta R.T. 0.00 min

Lab File: VW014574.D

Acq: 09 Jan 2020 11:40

Tgt Ion:	43	Resp:	151867
Ion	Ratio	Lower	Upper
43	100		
58	29.6	26.6	39.8





#17

Carbon Disulfide

Concen: 19.950 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW014574.D

Acq: 09 Jan 2020 11:40

Instrument :

MSVOA_W

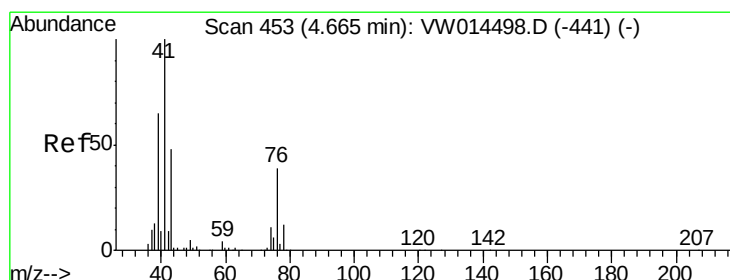
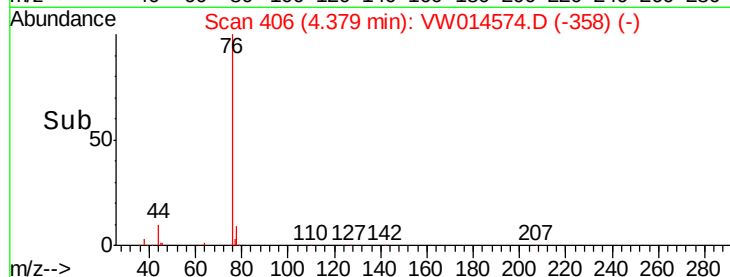
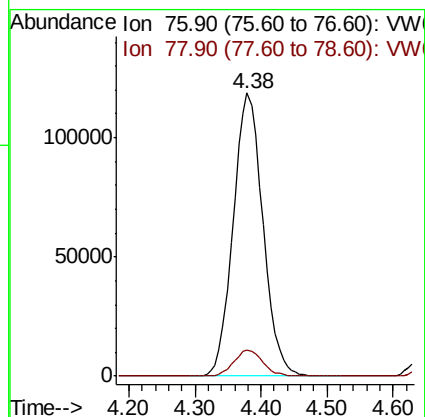
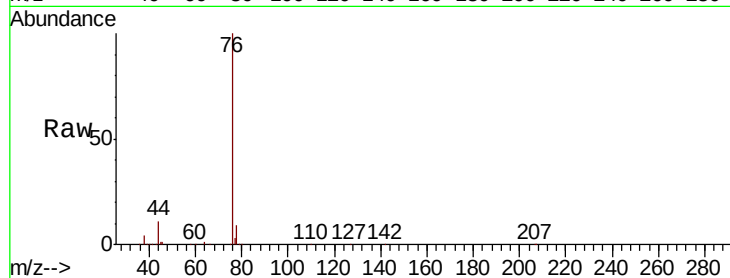
ClientSampled :

Tot Ion: 76 Resp: 369498

Ion Ratio Lower Upper

76 100

78 9.2 7.8 11.6



#18

Methyl Acetate

Concen: 20.945 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW014574.D

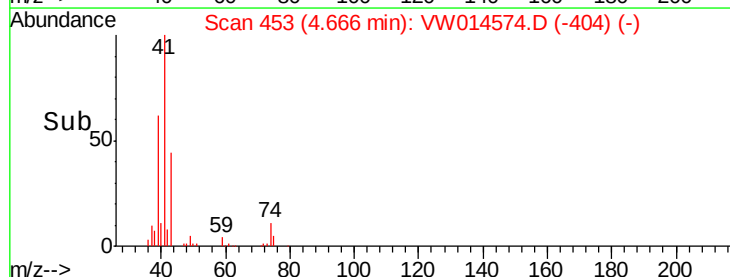
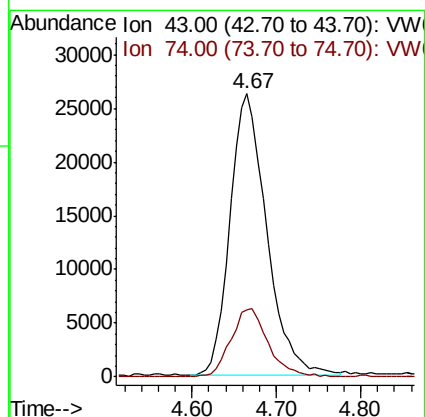
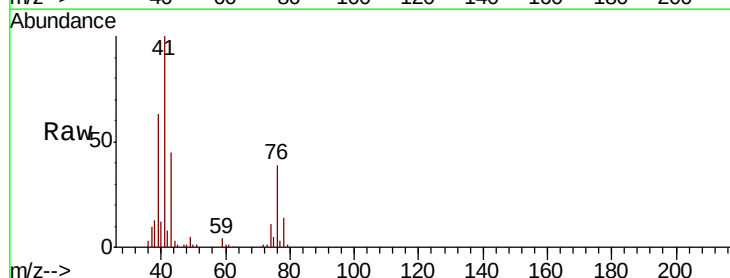
Acq: 09 Jan 2020 11:40

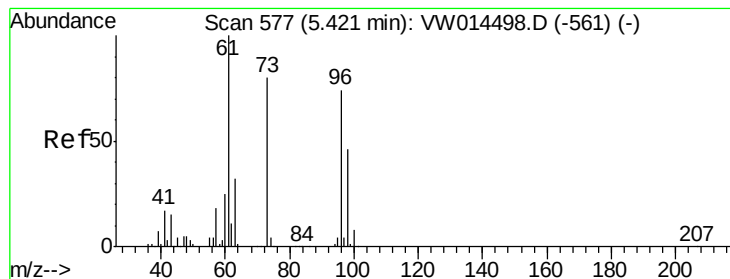
Tgt Ion: 43 Resp: 77116

Ion Ratio Lower Upper

43 100

74 24.7 19.3 28.9



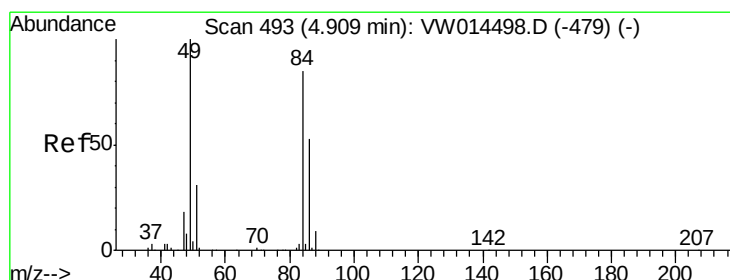
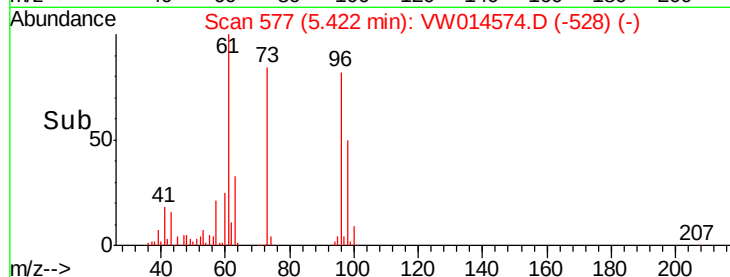
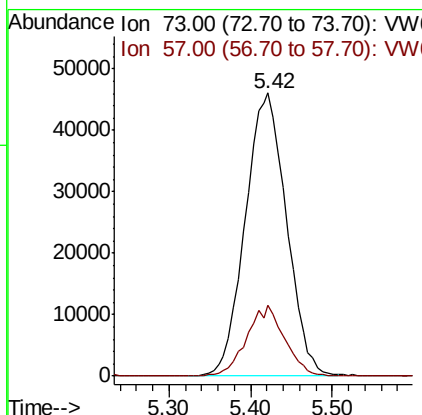
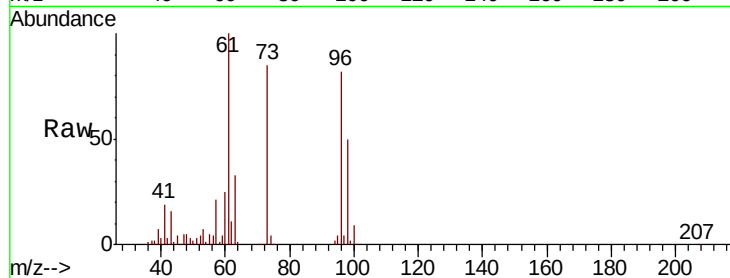


#19

Methyl tert-butyl Ether
 Concen: 21.194 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: VW014574.D
 Acq: 09 Jan 2020 11:40

Instrument :
 MSVOA_W
 ClientSampled :

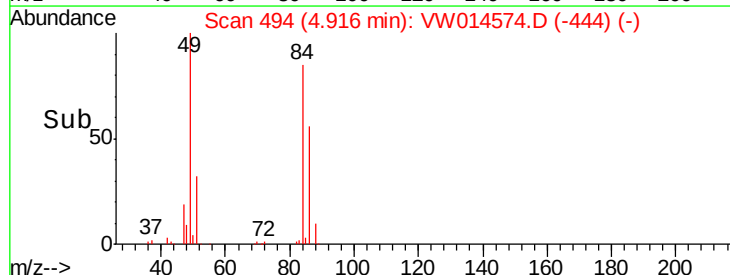
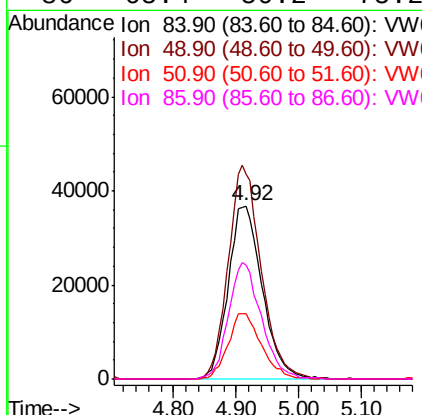
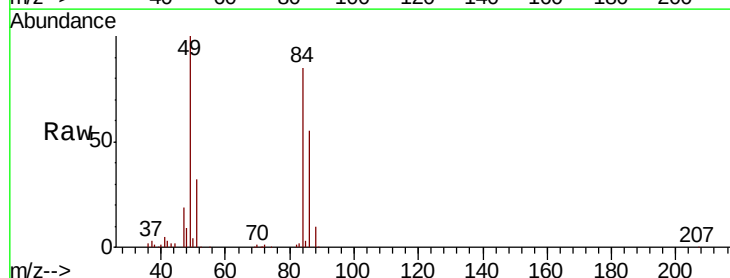
Tot Ion: 73 Resp: 161667
 Ion Ratio Lower Upper
 73 100
 57 24.9 18.1 27.1

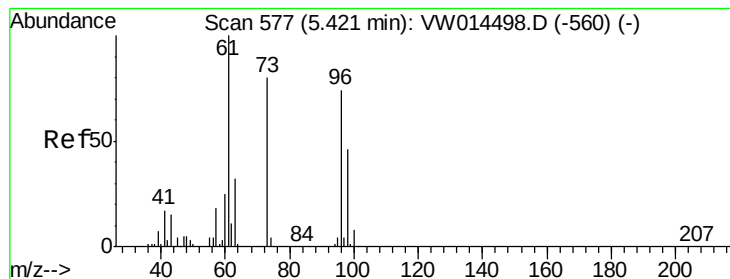


#20

Methylene Chloride
 Concen: 19.677 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.01 min
 Lab File: VW014574.D
 Acq: 09 Jan 2020 11:40

Tgt Ion: 84 Resp: 138226
 Ion Ratio Lower Upper
 84 100
 49 117.9 94.4 141.6
 51 37.3 29.5 44.3
 86 65.4 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 20.689 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW014574.D

Acq: 09 Jan 2020 11:40

Instrument :
MSVOA_W
ClientSampleId :

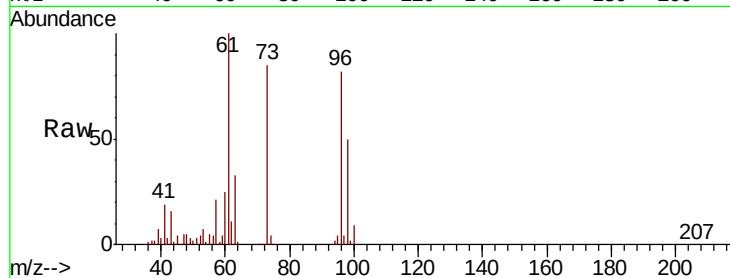
Tot Ion: 96 Resp: 134995

Ion Ratio Lower Upper

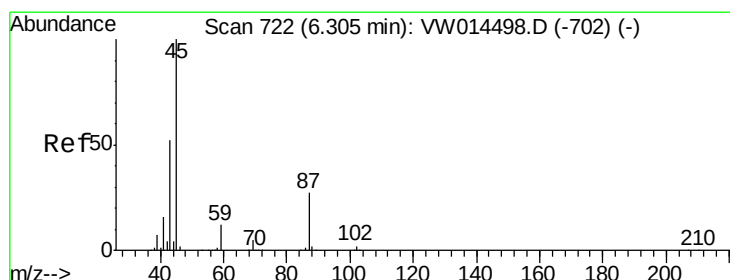
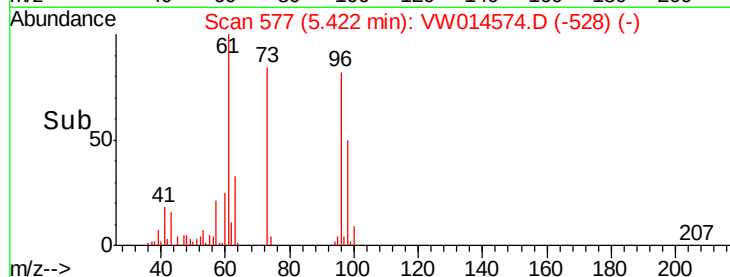
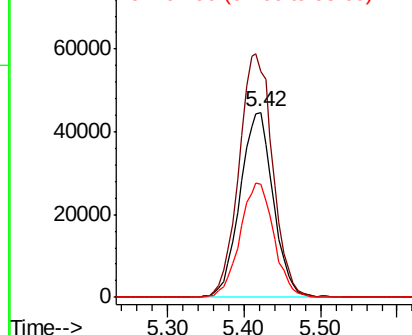
96 100

61 121.7 107.8 161.6

98 61.1 49.4 74.0



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



#22

Diisopropyl ether

Concen: 20.102 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW014574.D

Acq: 09 Jan 2020 11:40

Tgt Ion: 45 Resp: 353332

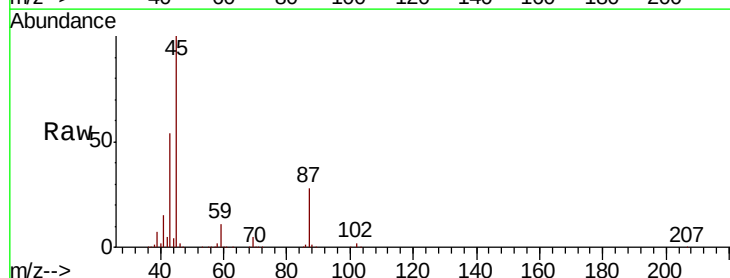
Ion Ratio Lower Upper

45 100

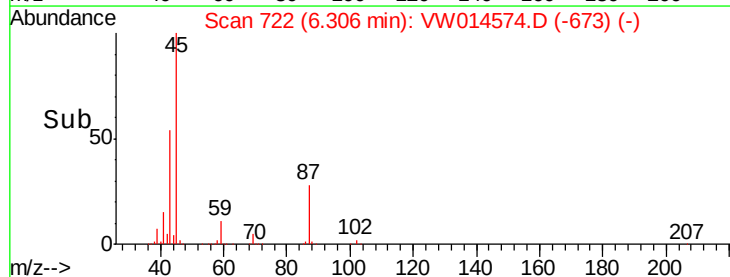
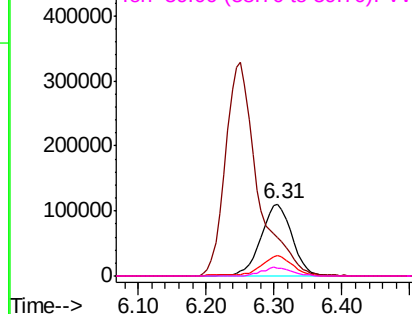
43 53.9 41.4 62.0

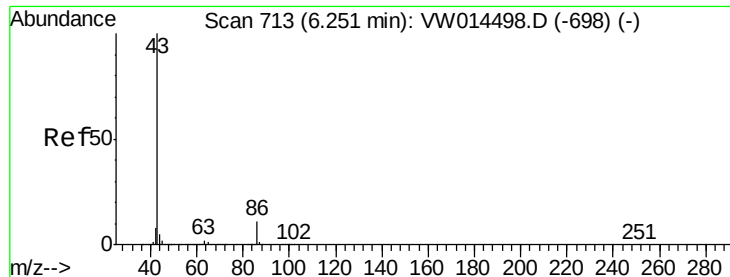
87 27.4 22.2 33.2

59 10.8 9.5 14.3



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





#23

Vinyl Acetate

Concen: 101.616 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW014574.D

Acq: 09 Jan 2020 11:40

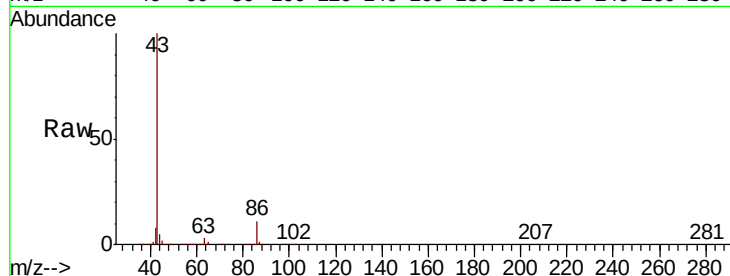
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 1078549

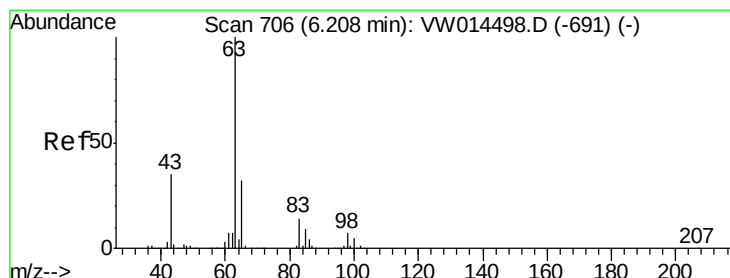
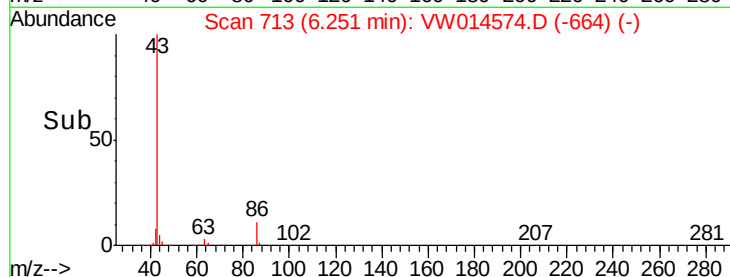
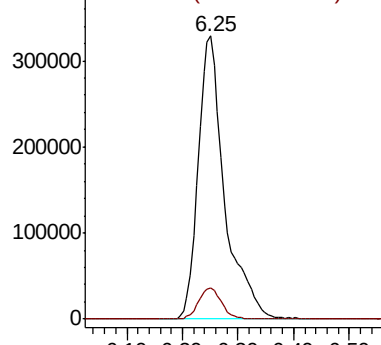
Ion Ratio Lower Upper

43 100

86 11.0 8.8 13.2



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



#24

1,1-Dichloroethane

Concen: 20.181 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW014574.D

Acq: 09 Jan 2020 11:40

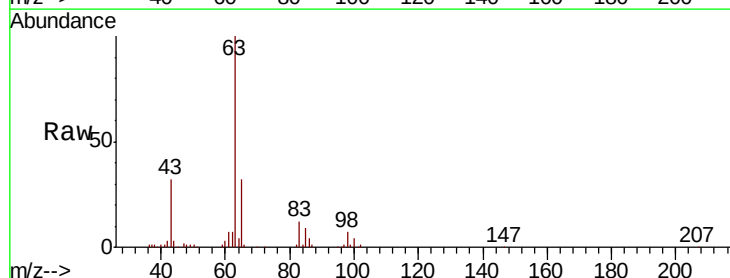
Tgt Ion: 63 Resp: 223754

Ion Ratio Lower Upper

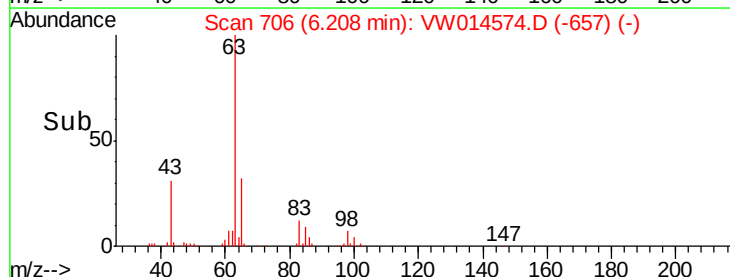
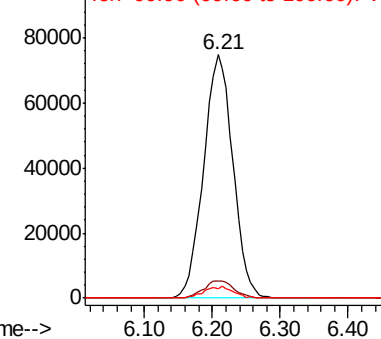
63 100

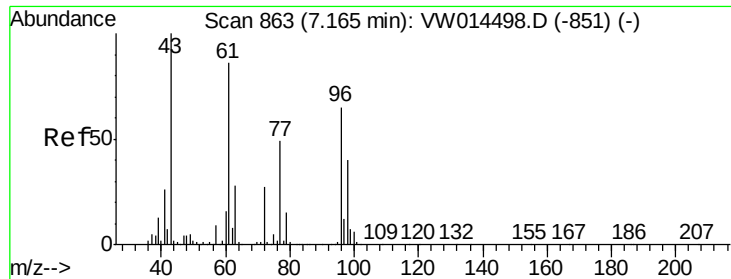
98 7.1 3.5 10.4

100 4.0 2.5 7.4



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

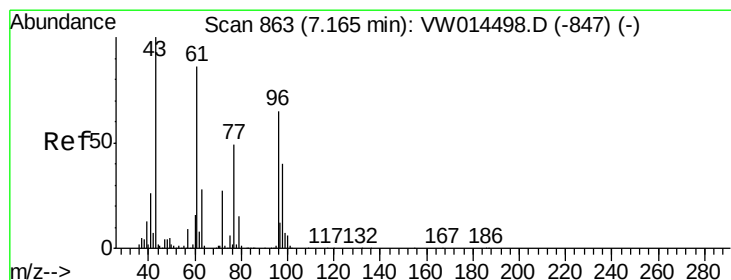
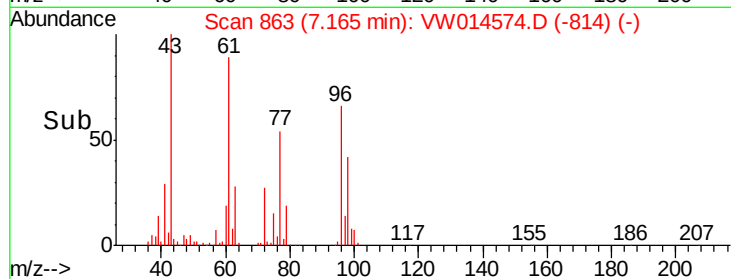
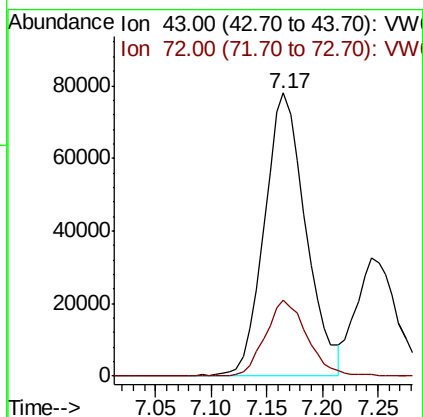
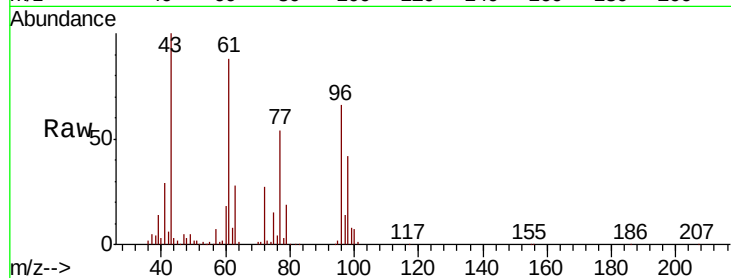




#25
2-Butanone
Concen: 103.252 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW014574.D
Acq: 09 Jan 2020 11:40

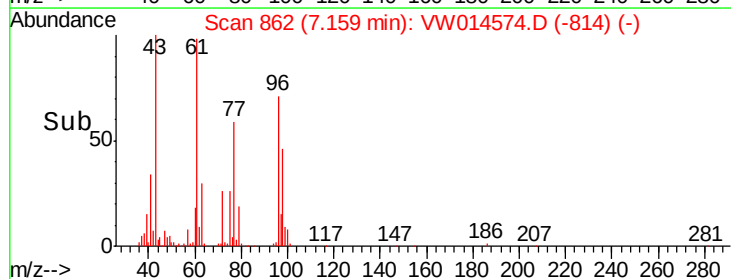
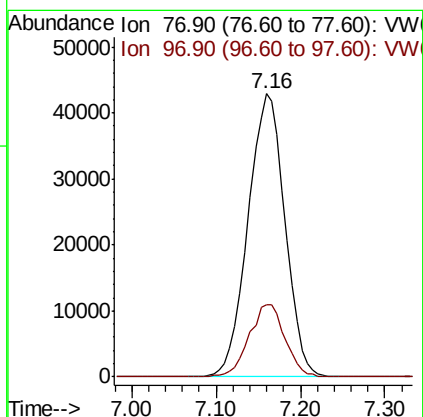
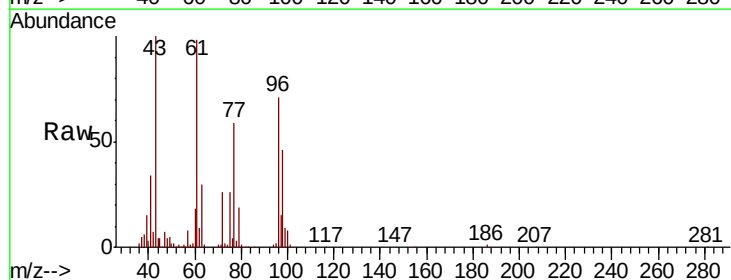
Instrument :
MSVOA_W
ClientSampled :

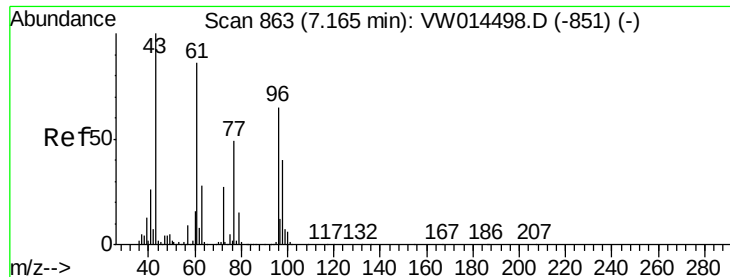
Tot Ion: 43 Resp: 202002
Ion Ratio Lower Upper
43 100
72 26.9 21.9 32.9



#26
2,2-Dichloropropane
Concen: 20.830 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW014574.D
Acq: 09 Jan 2020 11:40

Tgt Ion: 77 Resp: 127865
Ion Ratio Lower Upper
77 100
97 24.9 12.5 37.5

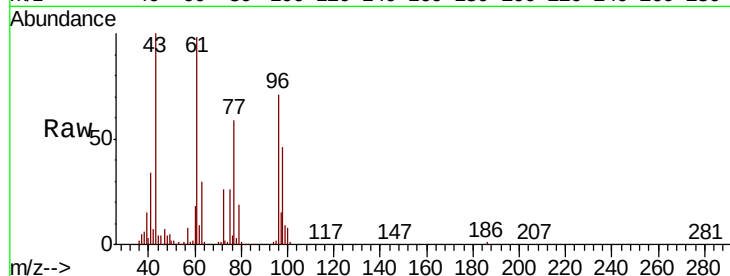




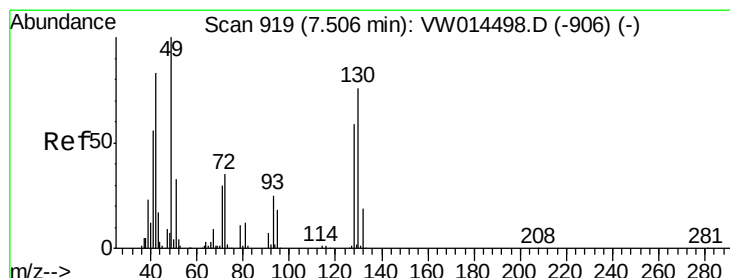
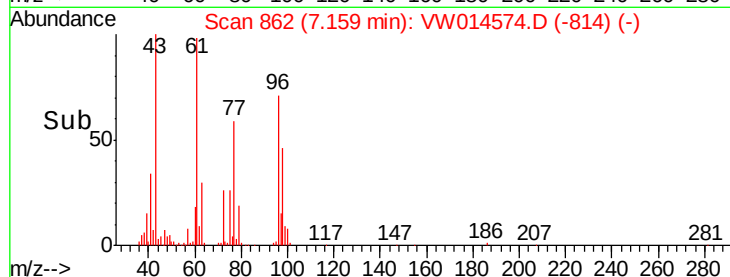
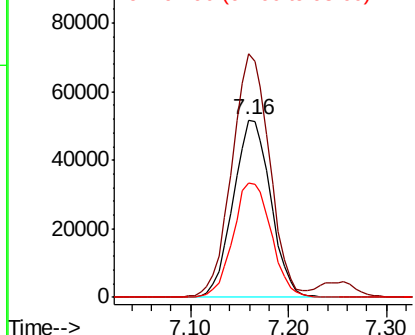
#27
 cis-1,2-Dichloroethene
 Concen: 20.081 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VW014574.D
 Acq: 09 Jan 2020 11:40

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 96 Resp: 137681
 Ion Ratio Lower Upper
 96 100
 61 138.6 0.0 274.8
 98 65.4 0.0 128.6

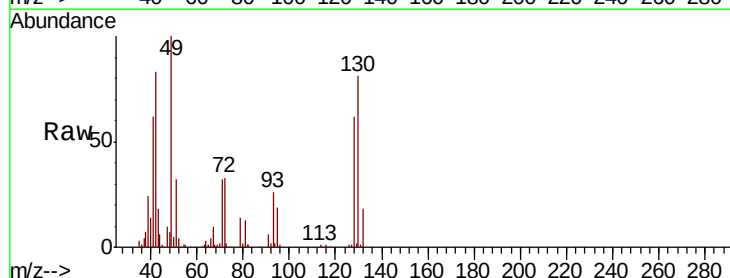


Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW

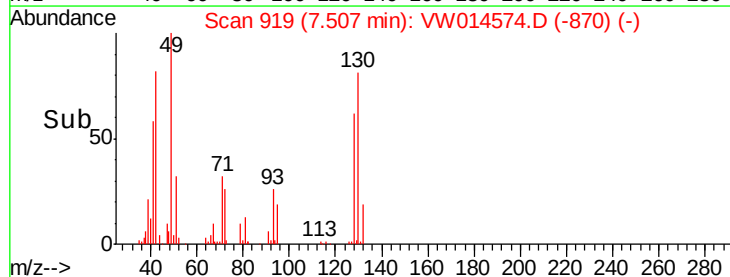
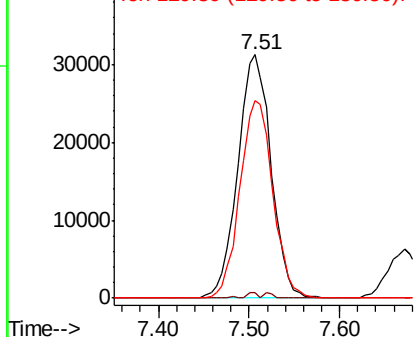


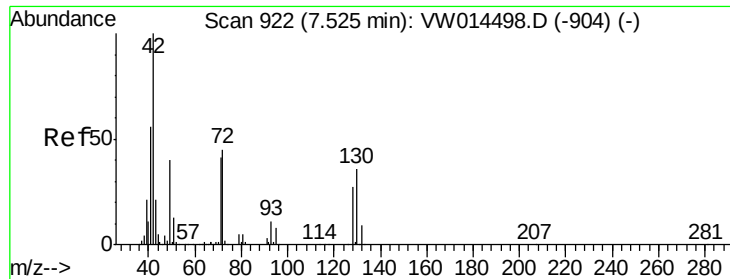
#28
 Bromochloromethane
 Concen: 18.243 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VW014574.D
 Acq: 09 Jan 2020 11:40

Tgt Ion: 49 Resp: 79298
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 2.0
 130 80.3 62.5 93.7



Abundance Ion 48.90 (48.60 to 49.60): VW
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

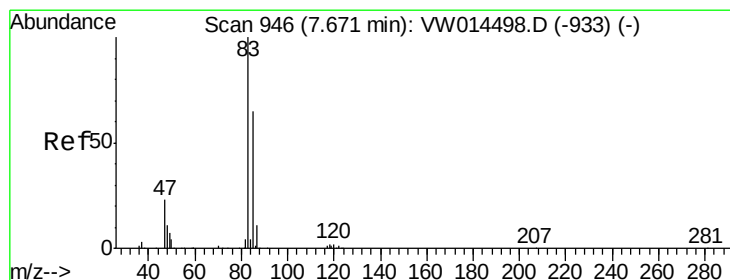
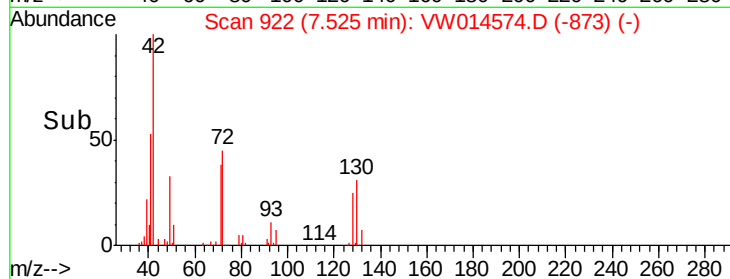
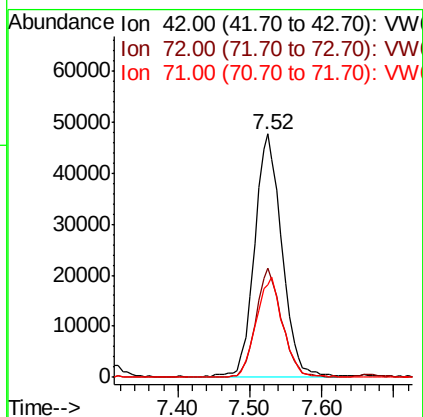
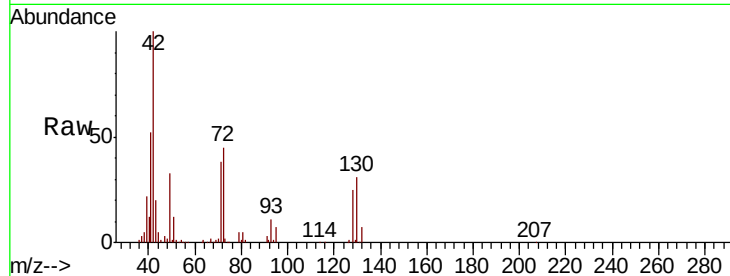




#29
Tetrahydrofuran
Concen: 103.216 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW014574.D
Acq: 09 Jan 2020 11:40

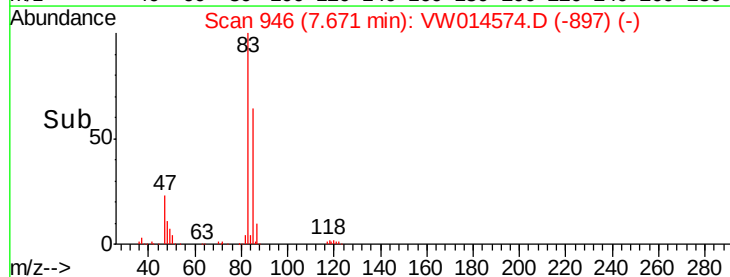
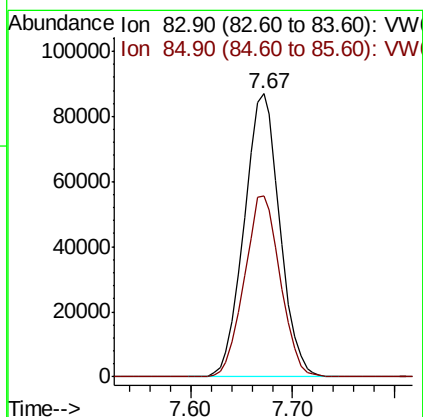
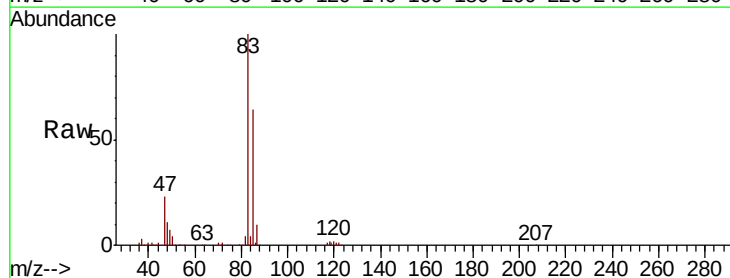
Instrument :
MSVOA_W
ClientSampleId :

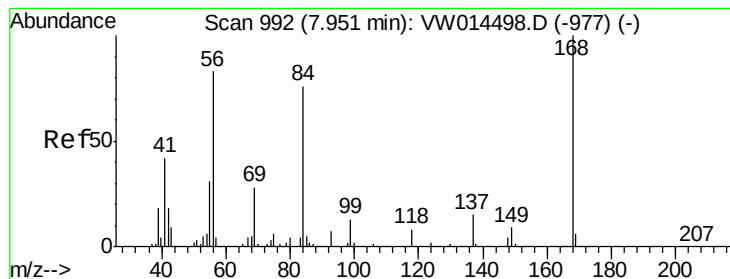
Tot Ion	Ratio	Lower	Upper
42	100		
72	42.7	34.5	51.7
71	40.6	32.0	48.0



#30
Chloroform
Concen: 20.356 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW014574.D
Acq: 09 Jan 2020 11:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.2	78.2





#31

Cyclohexane

Concen: 19.927 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW014574.D

Acq: 09 Jan 2020 11:40

Instrument :

MSVOA_W

ClientSampleId :

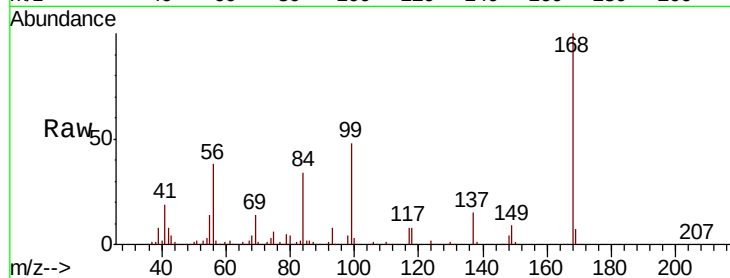
Tot Ion: 56 Resp: 229609

Ion Ratio Lower Upper

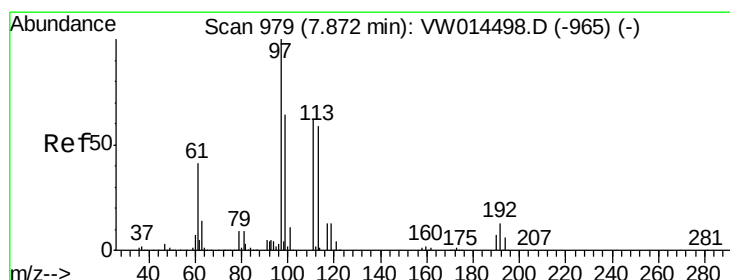
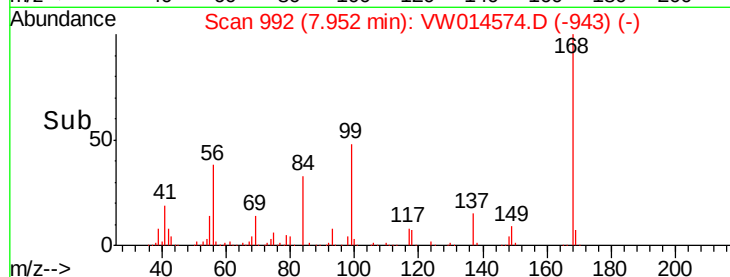
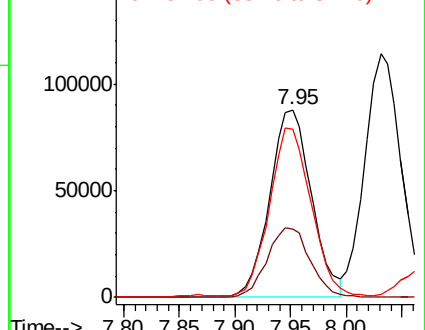
56 100

69 36.5 26.8 40.2

84 88.5 71.8 107.6



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



#32

1,1,1-Trichloroethane

Concen: 20.931 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW014574.D

Acq: 09 Jan 2020 11:40

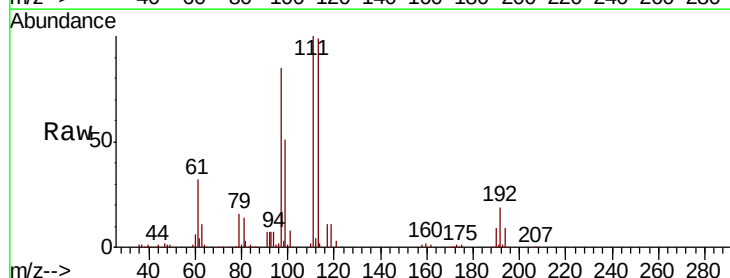
Tgt Ion: 97 Resp: 174537

Ion Ratio Lower Upper

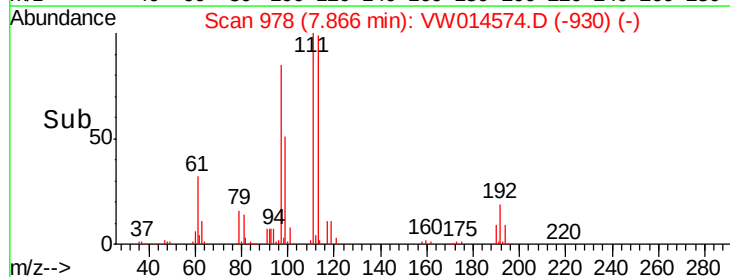
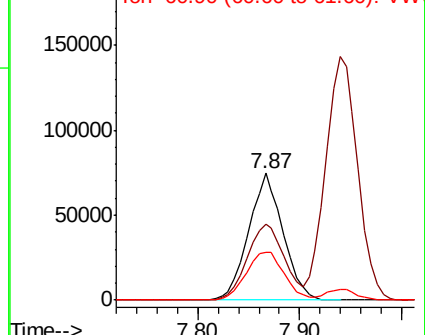
97 100

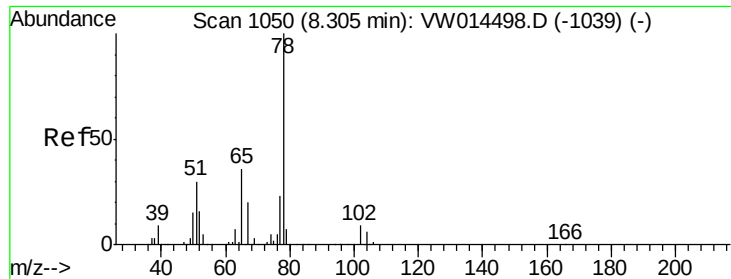
99 64.8 51.8 77.6

61 42.6 33.8 50.8



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

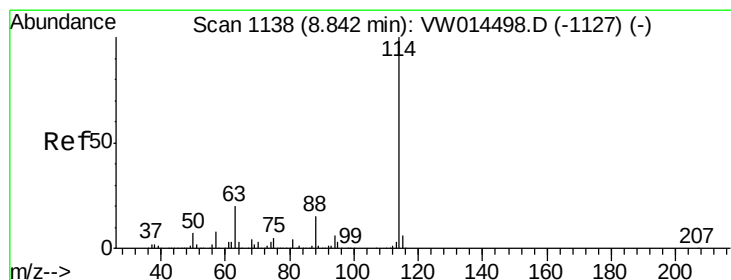
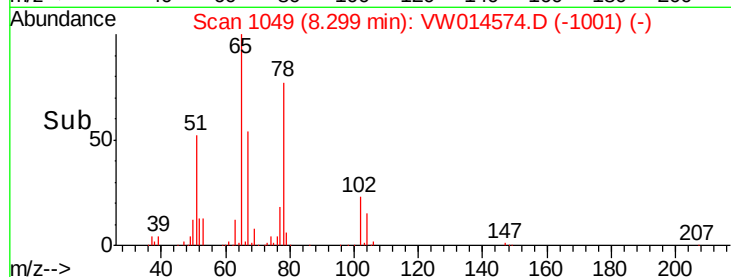
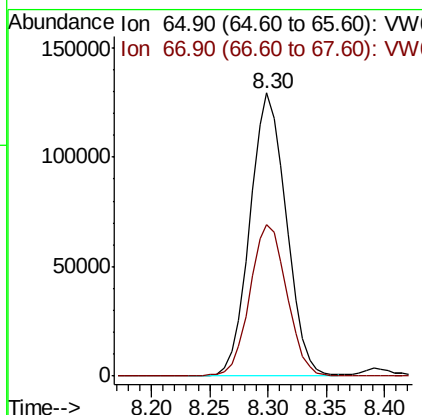
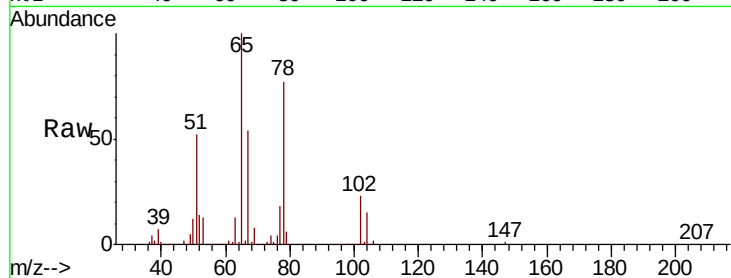




#33
 1,2-Dichloroethane-d4
 Concen: 51.961 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW014574.D
 Acq: 09 Jan 2020 11:40

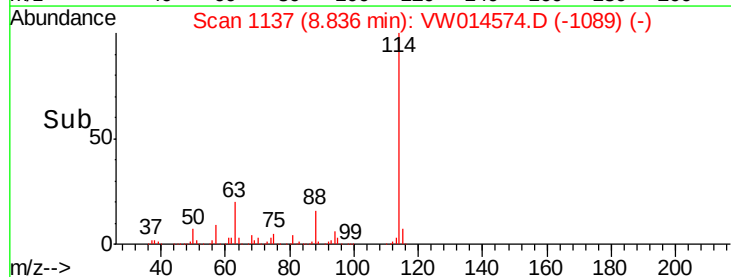
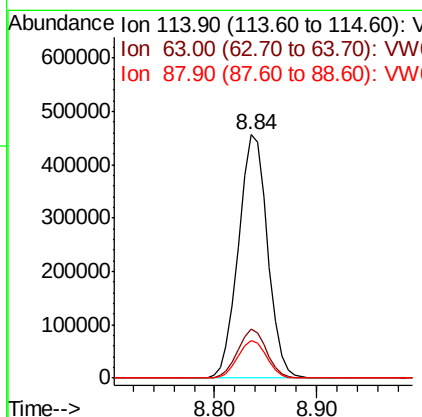
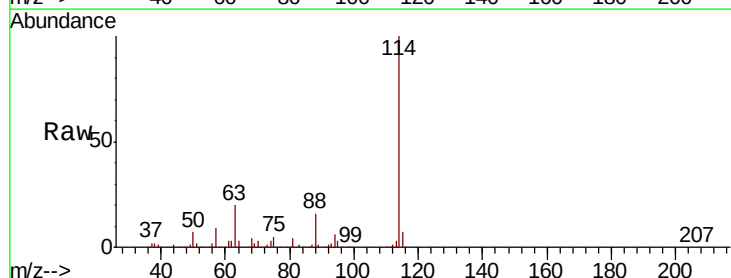
Instrument :
 MSVOA_W
 ClientSampled :

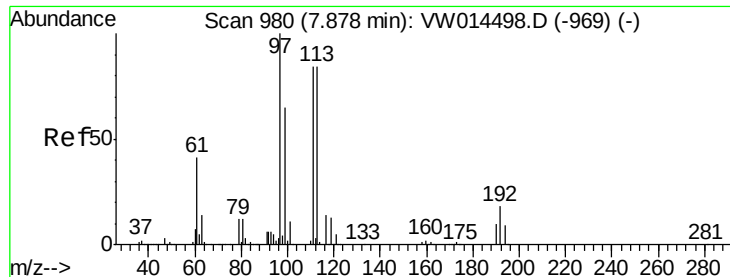
Tot Ion: 65 Resp: 280532
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW014574.D
 Acq: 09 Jan 2020 11:40

Tgt Ion: 114 Resp: 904305
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.4
 88 15.6 0.0 30.6

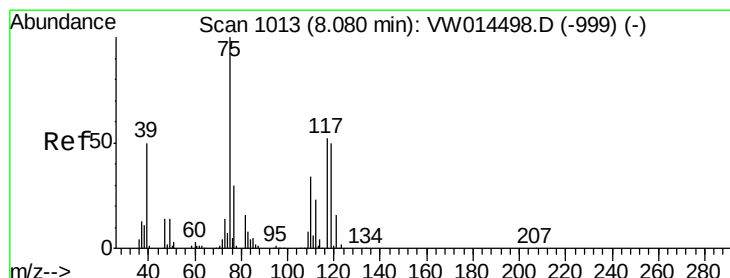
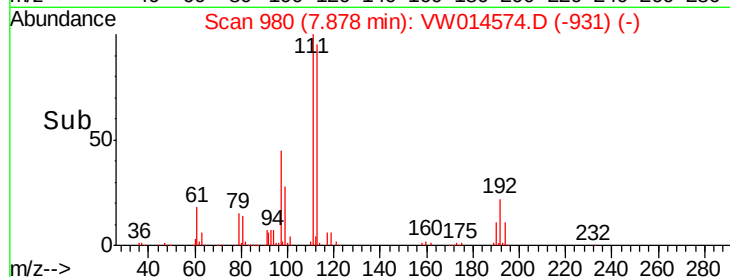
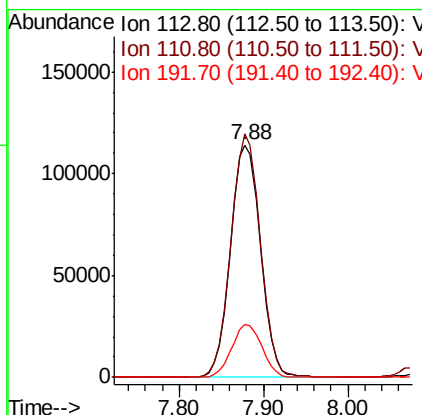
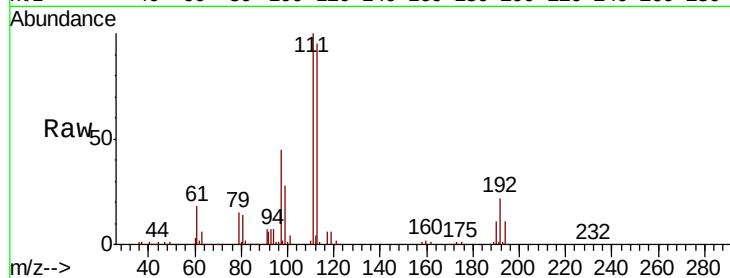




#35
 Dibromofluoromethane
 Concen: 53.330 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW014574.D
 Acq: 09 Jan 2020 11:40

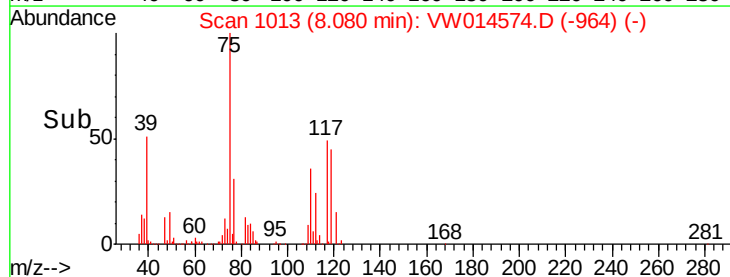
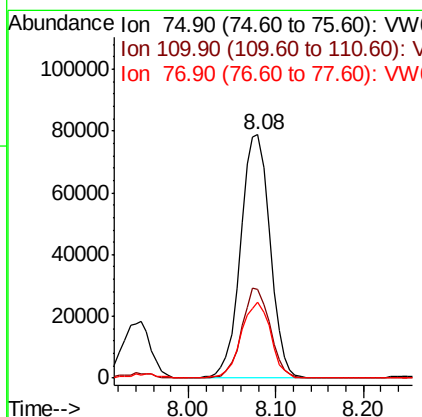
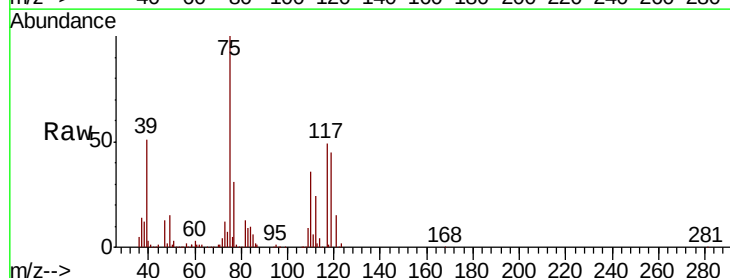
Instrument :
 MSVOA_W
 ClientSampleId :

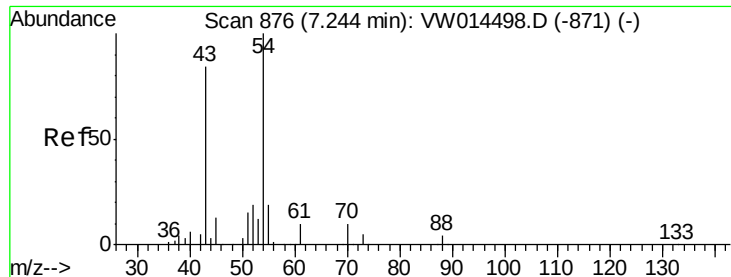
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.4	122.2
192	22.7	17.8	26.8



#36
 1,1-Dichloropropene
 Concen: 21.100 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW014574.D
 Acq: 09 Jan 2020 11:40

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.8	17.8	53.5
77	31.2	24.7	37.1

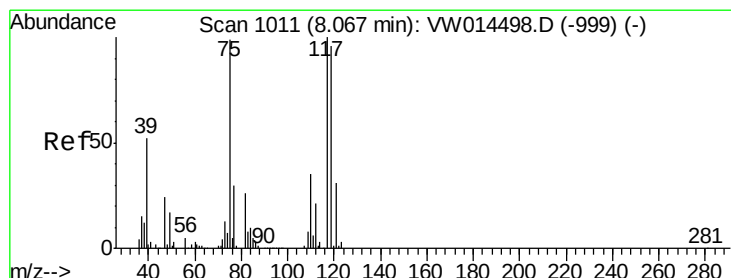
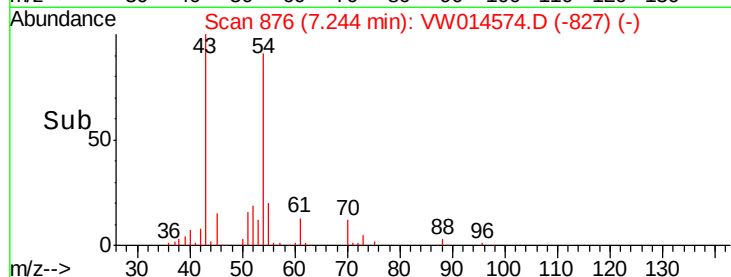
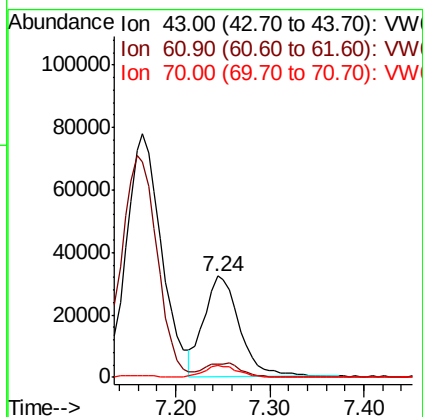
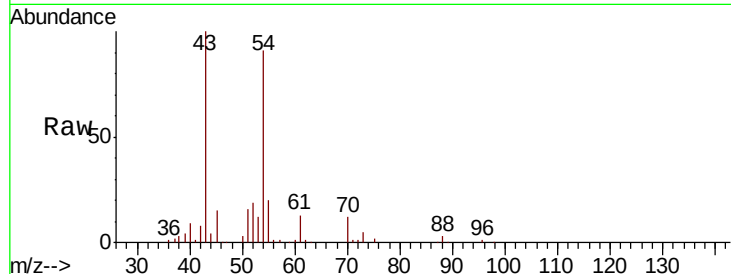




#37
Ethyl Acetate
Concen: 21.199 ug/l
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: VW014574.D
Acq: 09 Jan 2020 11:40

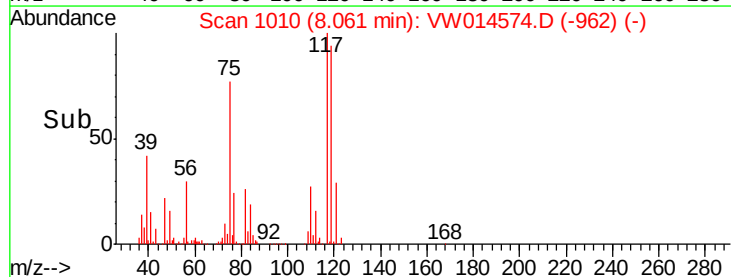
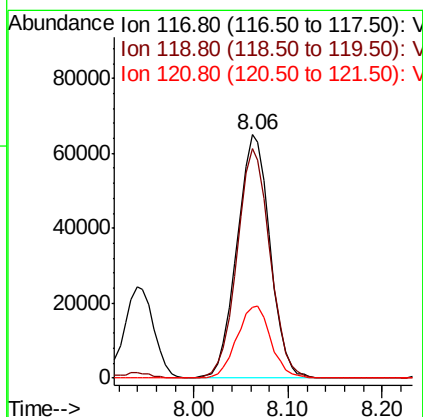
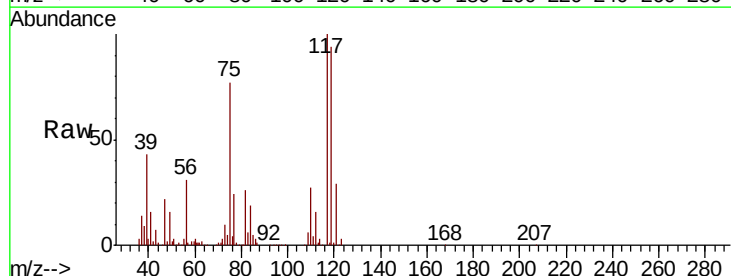
Instrument :
MSVOA_W
ClientSampled :

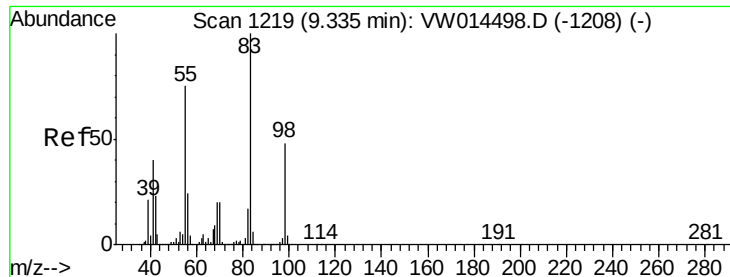
Tot Ion: 43 Resp: 83819
Ion Ratio Lower Upper
43 100
61 13.8 11.7 17.5
70 11.8 9.0 13.6



#38
Carbon Tetrachloride
Concen: 21.042 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW014574.D
Acq: 09 Jan 2020 11:40

Tgt Ion: 117 Resp: 159148
Ion Ratio Lower Upper
117 100
119 94.2 77.0 115.6
121 29.0 24.6 36.8

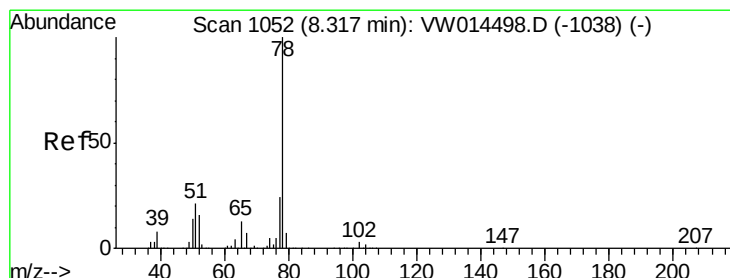
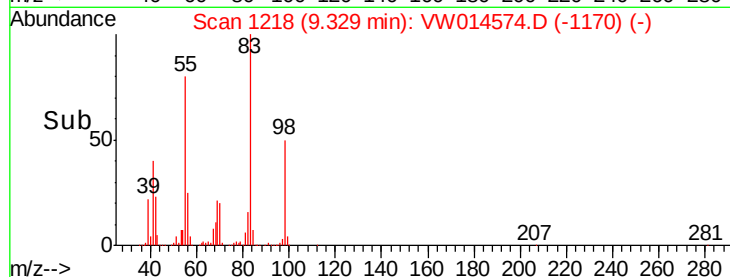
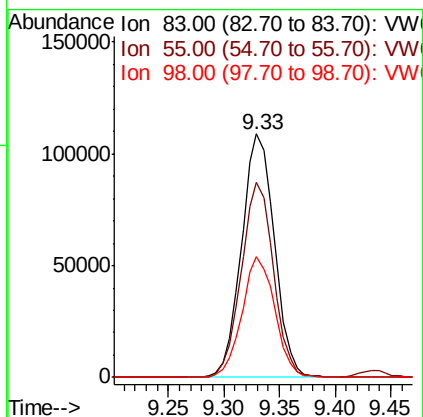
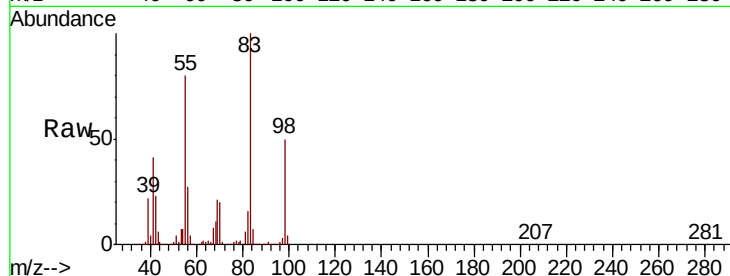




#39
Methylvlcyclohexane
Concen: 19.968 ug/l
RT: 9.33 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW014574.D
Acq: 09 Jan 2020 11:40

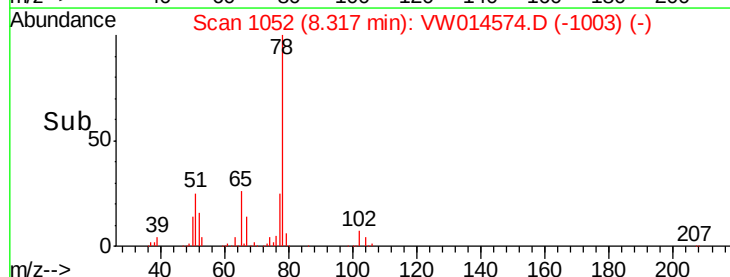
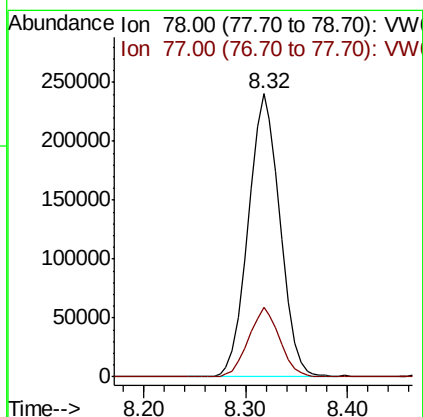
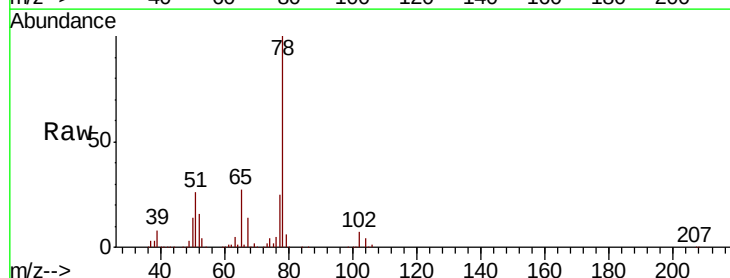
Instrument :
MSVOA_W
ClientSampled :

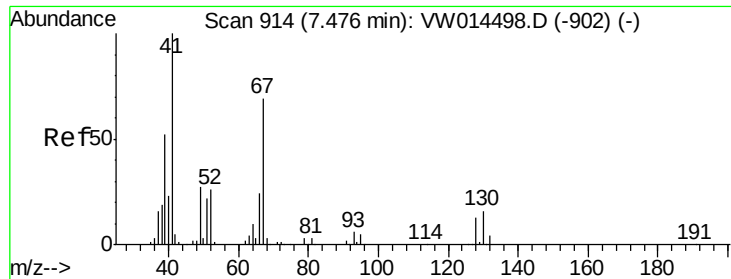
Tot Ion	Ratio	Lower	Upper
83	100		
55	80.1	60.1	90.1
98	49.5	38.8	58.2



#40
Benzene
Concen: 21.106 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW014574.D
Acq: 09 Jan 2020 11:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.3	28.9

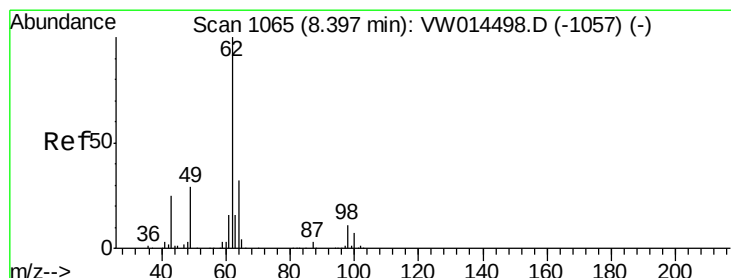
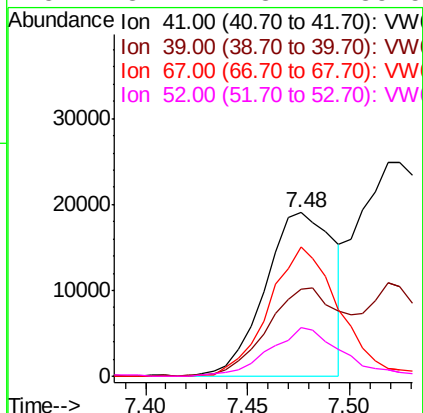
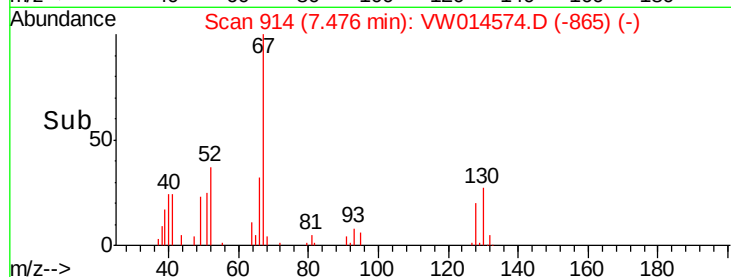
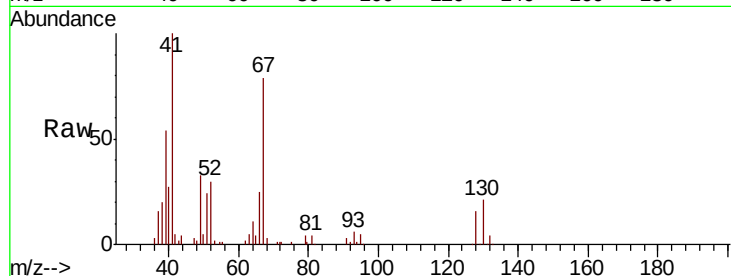




#41
Methacrylonitrile
Concen: 20.369 ug/l
RT: 7.48 min Scan# 914
Delta R.T. 0.00 min
Lab File: VW014574.D
Acq: 09 Jan 2020 11:40

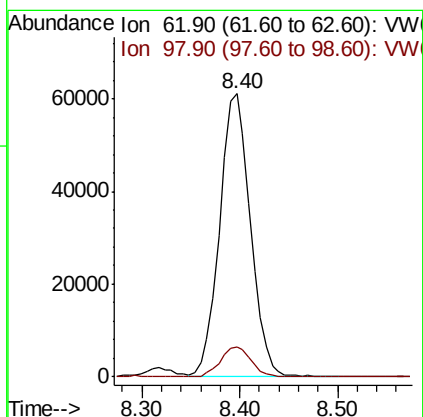
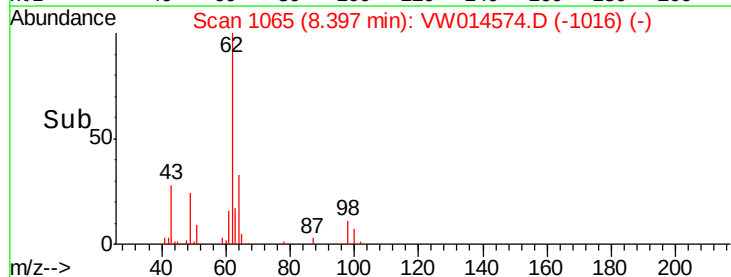
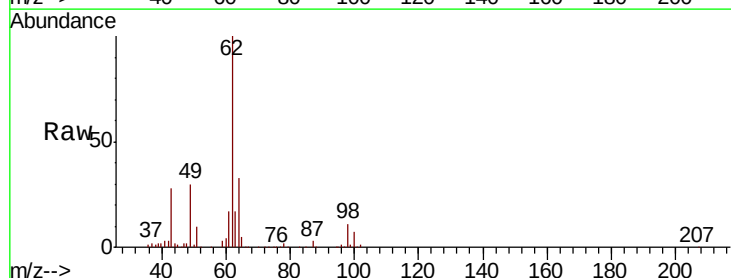
Instrument :
MSVOA_W
ClientSampled :

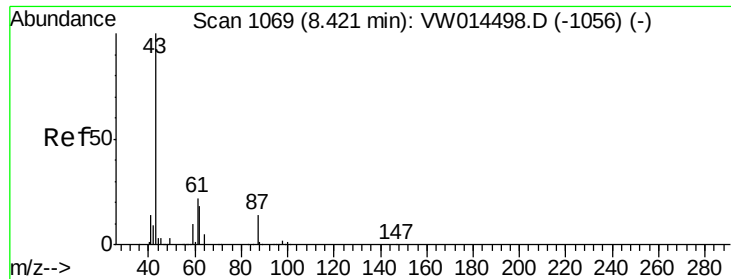
Tot Ion:	41	Resp:	44893
Ion	Ratio	Lower	Upper
41	100		
39	58.1	46.0	69.0
67	80.8	60.8	91.2
52	31.1	23.7	35.5



#42
1,2-Dichloroethane
Concen: 20.865 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW014574.D
Acq: 09 Jan 2020 11:40

Tgt Ion:	62	Resp:	133558
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	22.0





#43

Isopropyl Acetate

Concen: 21.065 ug/l

RT: 8.41 min Scan# 1068

Delta R.T. -0.01 min

Lab File: VW014574.D

Acq: 09 Jan 2020 11:40

Instrument :

MSVOA_W

ClientSampleId :

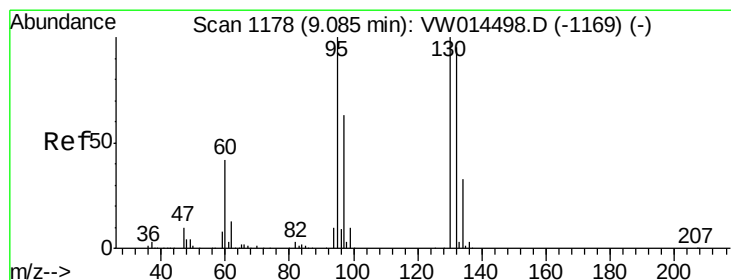
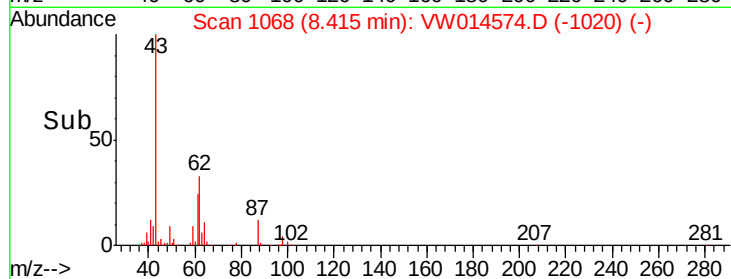
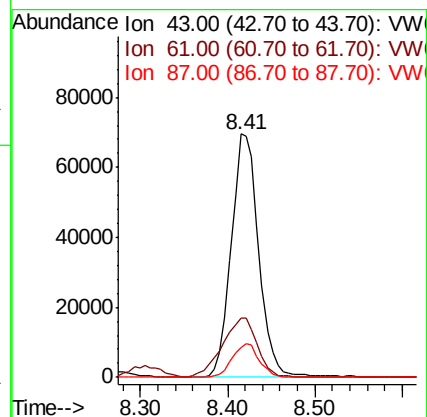
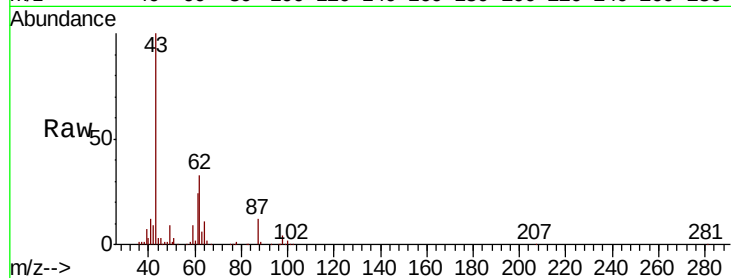
Tot Ion: 43 Resp: 151240

Ion Ratio Lower Upper

43 100

61 30.8 24.7 37.1

87 13.5 11.1 16.7



#44

Trichloroethene

Concen: 21.074 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VW014574.D

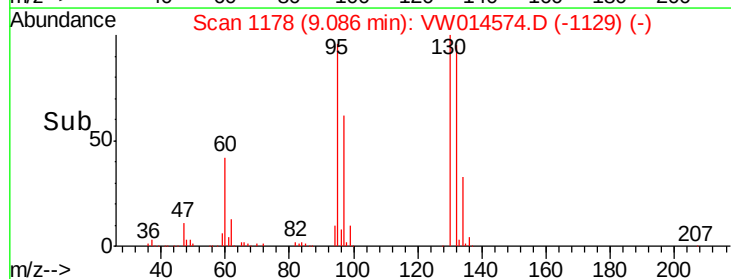
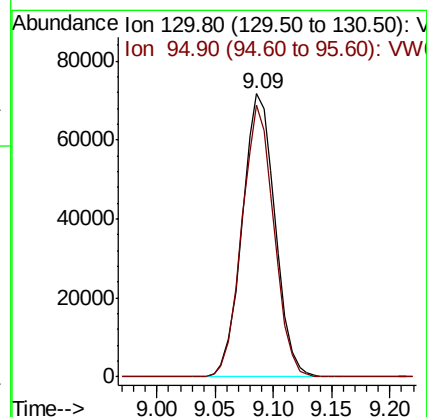
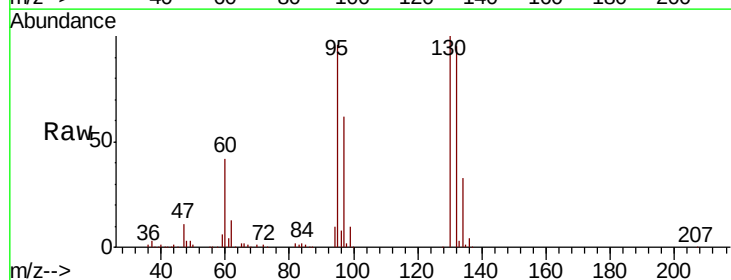
Acq: 09 Jan 2020 11:40

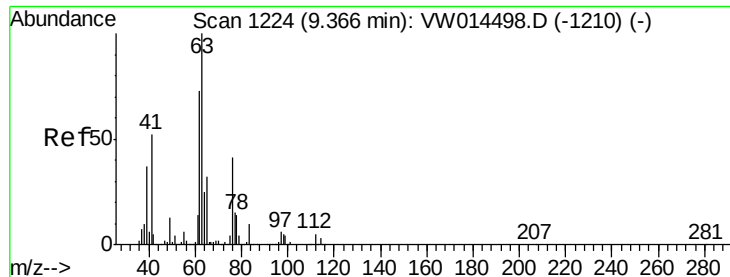
Tgt Ion: 130 Resp: 140656

Ion Ratio Lower Upper

130 100

95 96.1 0.0 199.4

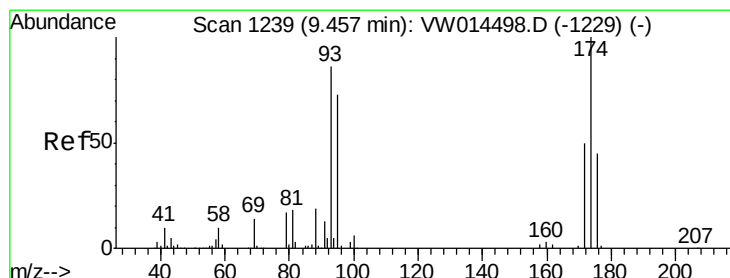
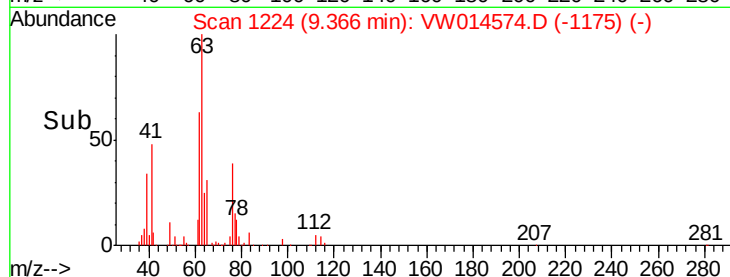
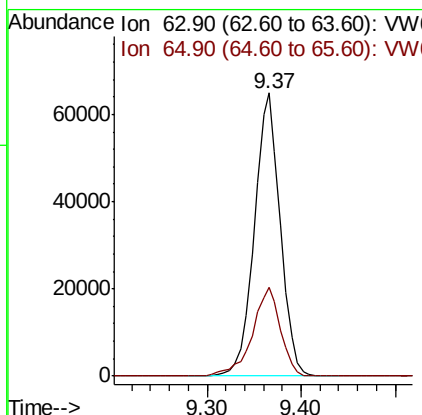
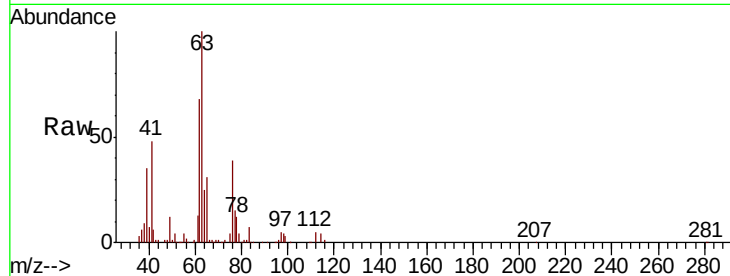




#45
 1,2-Dichloropropane
 Concen: 20.646 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW014574.D
 Acq: 09 Jan 2020 11:40

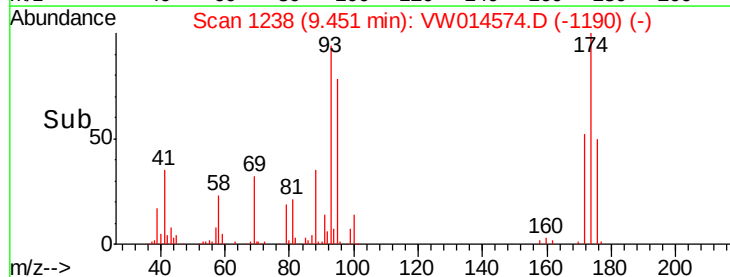
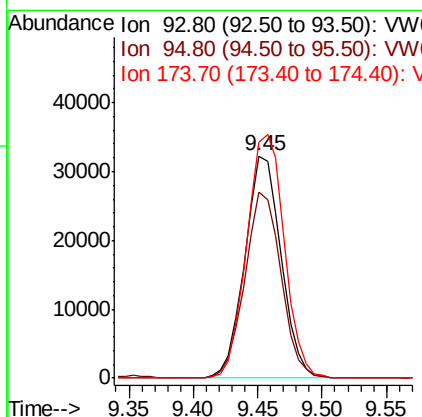
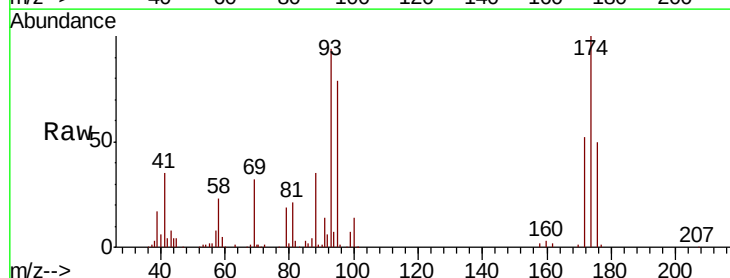
Instrument :
 MSVOA_W
 ClientSampleId :

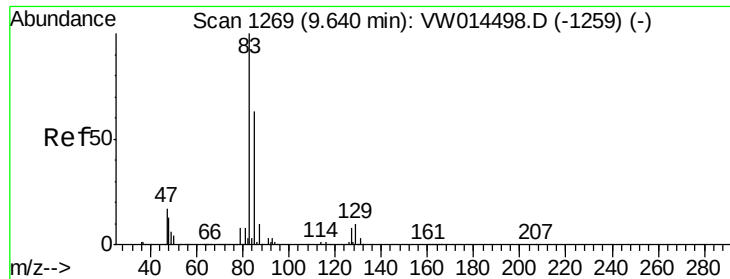
Tot Ion: 63 Resp: 124964
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.6 38.4



#46
 Dibromomethane
 Concen: 20.967 ug/l
 RT: 9.45 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: VW014574.D
 Acq: 09 Jan 2020 11:40

Tgt Ion: 93 Resp: 62650
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.4 99.6
 174 113.9 89.1 133.7





#47

Bromodichloromethane

Concen: 20.278 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW014574.D

Acq: 09 Jan 2020 11:40

Instrument :

MSVOA_W

ClientSampled :

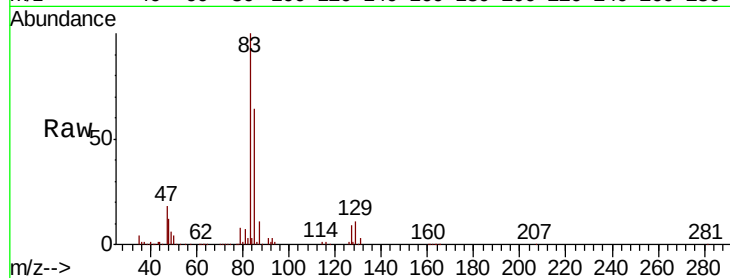
Tot Ion: 83 Resp: 149592

Ion Ratio Lower Upper

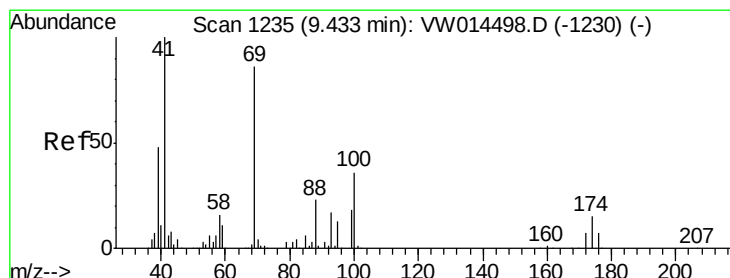
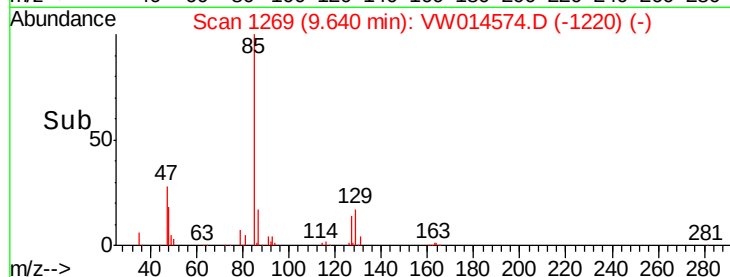
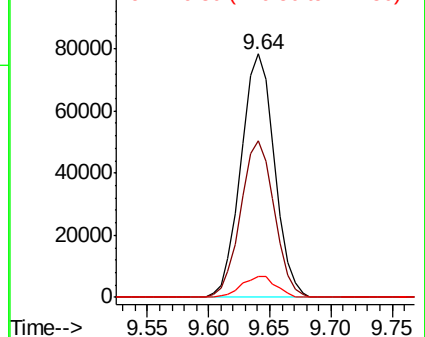
83 100

85 64.3 50.6 76.0

127 8.8 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: 18.893 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW014574.D

Acq: 09 Jan 2020 11:40

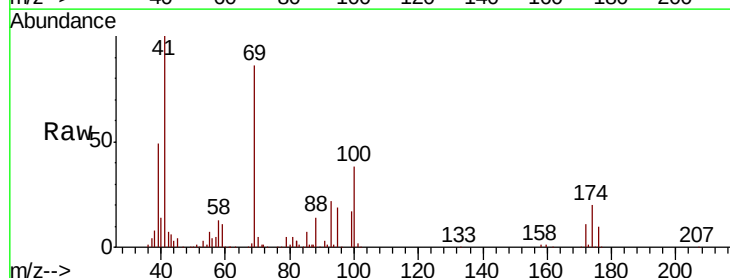
Tgt Ion: 41 Resp: 66229

Ion Ratio Lower Upper

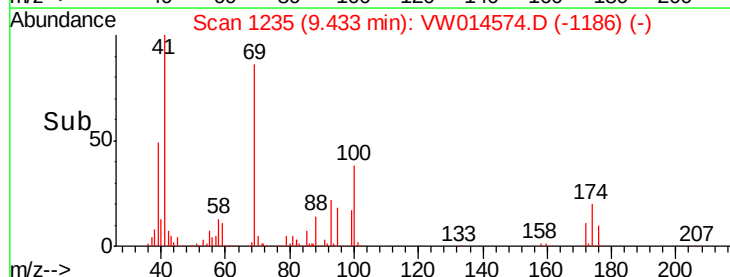
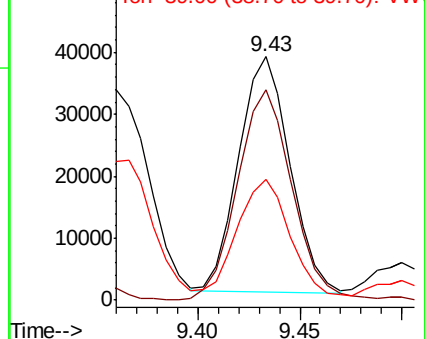
41 100

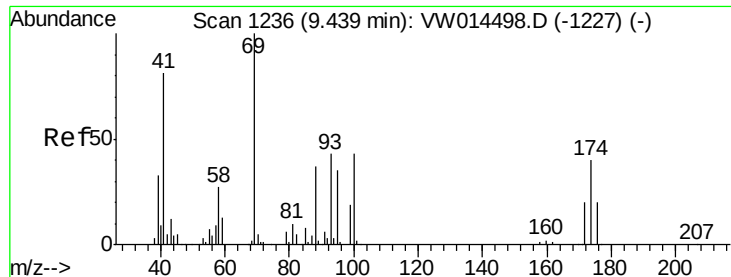
69 95.1 68.3 102.5

39 50.1 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: 427.734 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW014574.D

Acq: 09 Jan 2020 11:40

Instrument :
MSVOA_W
ClientSampleId :

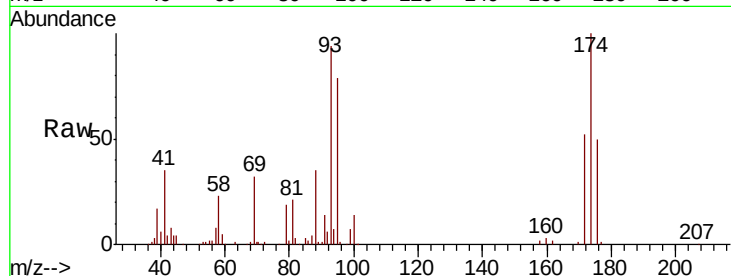
Tot Ion: 88 Resp: 23905

Ion Ratio Lower Upper

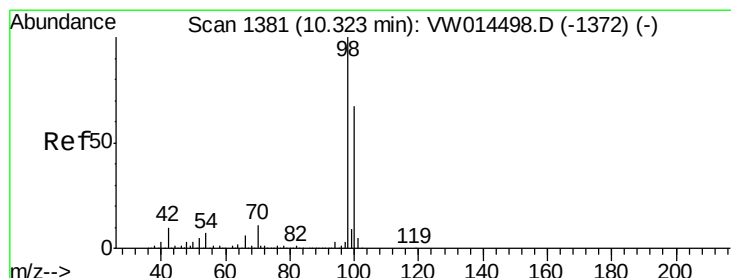
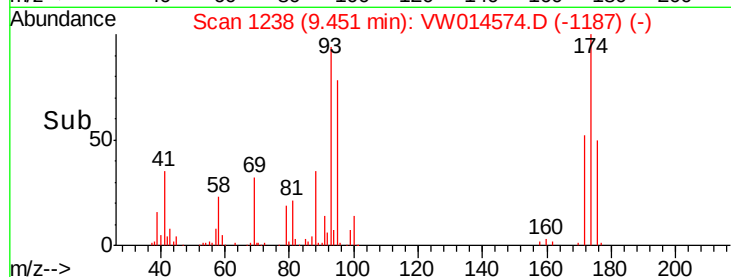
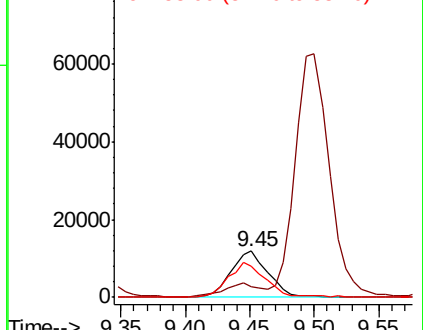
88 100

43 29.5 24.9 37.3

58 78.0 56.9 85.3



Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 53.315 ug/l

RT: 10.32 min Scan# 1380

Delta R.T. -0.01 min

Lab File: VW014574.D

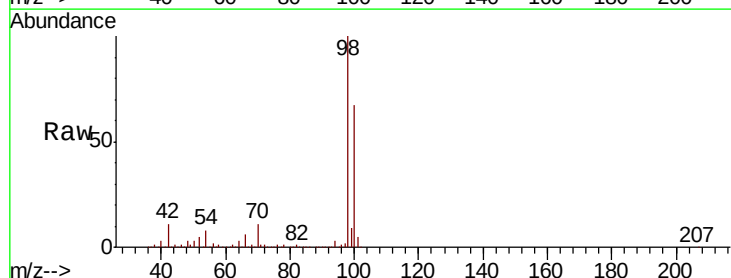
Acq: 09 Jan 2020 11:40

Tgt Ion: 98 Resp: 1149921

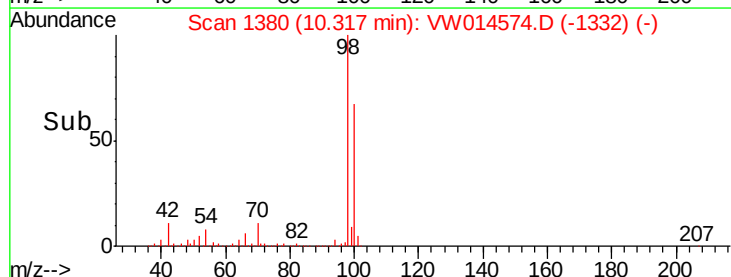
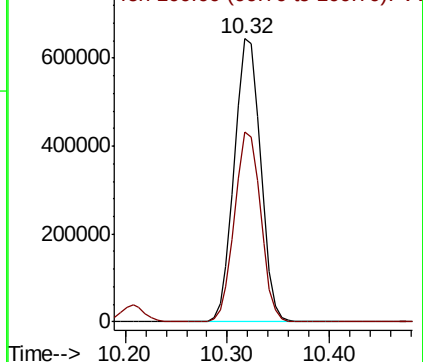
Ion Ratio Lower Upper

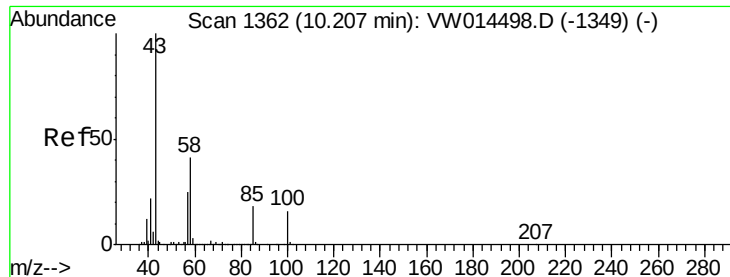
98 100

100 66.7 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 105.701 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW014574.D

Acq: 09 Jan 2020 11:40

Instrument :

MSVOA_W

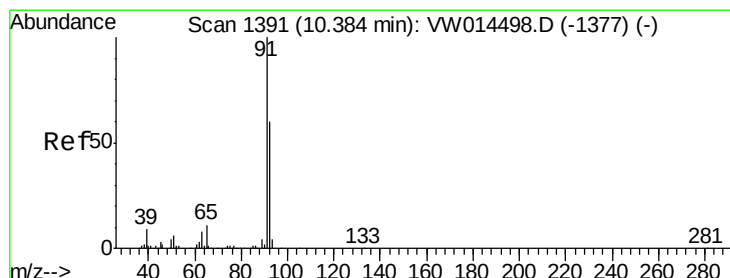
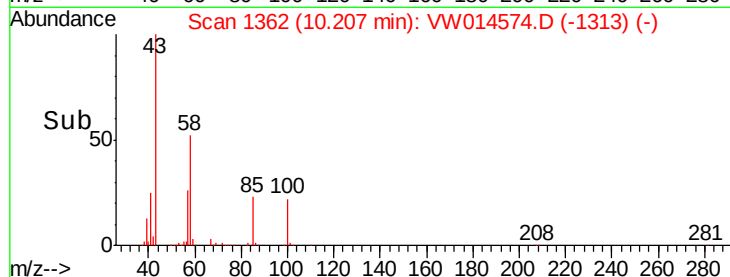
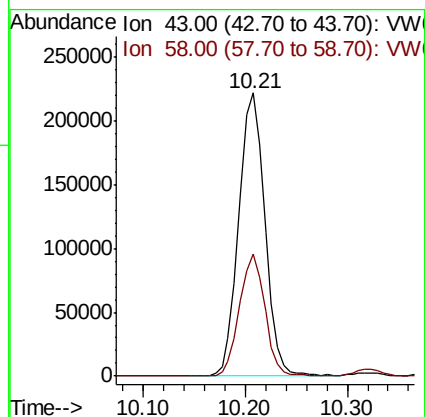
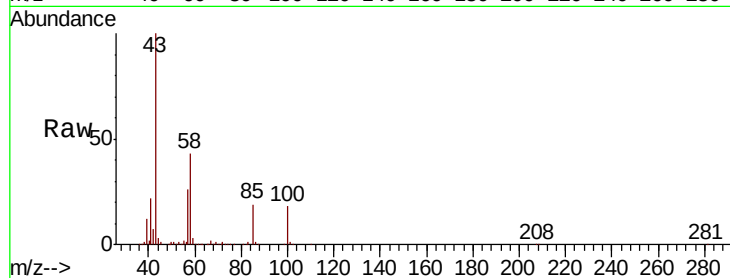
ClientSampled :

Tot Ion: 43 Resp: 394104

Ion Ratio Lower Upper

43 100

58 41.9 32.7 49.1



#52

Toluene

Concen: 20.951 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW014574.D

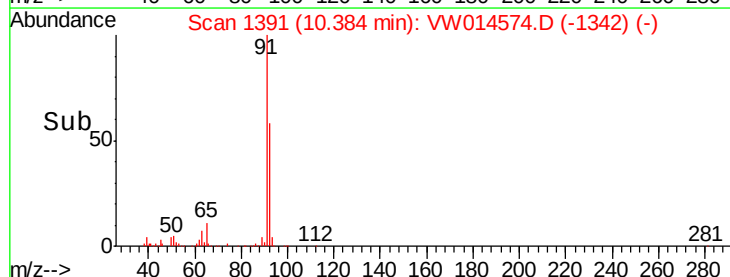
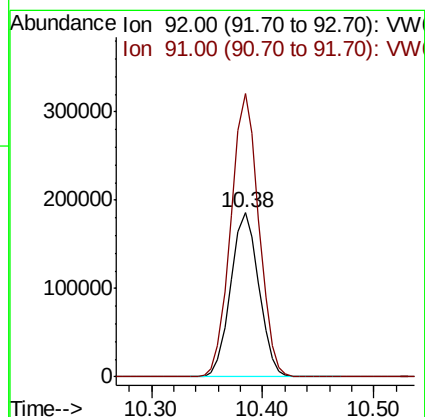
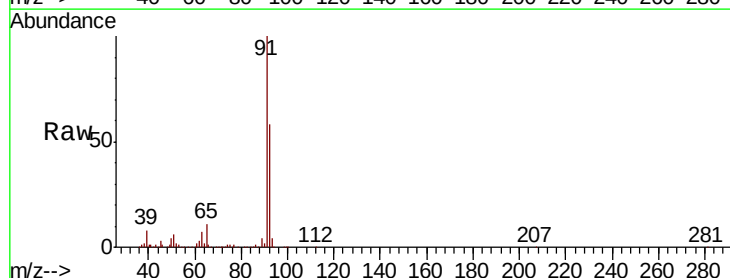
Acq: 09 Jan 2020 11:40

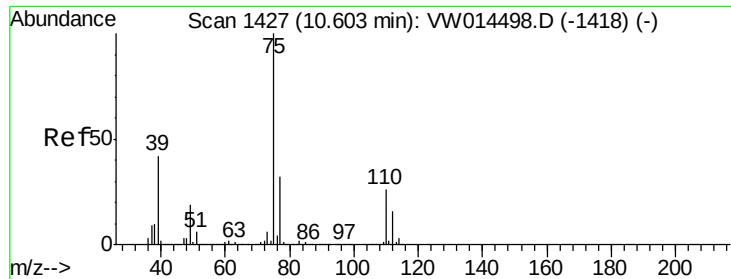
Tgt Ion: 92 Resp: 325110

Ion Ratio Lower Upper

92 100

91 171.2 134.1 201.1





#53

t-1,3-Dichloropropene

Concen: 20.551 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW014574.D

Acq: 09 Jan 2020 11:40

Instrument :

MSVOA_W

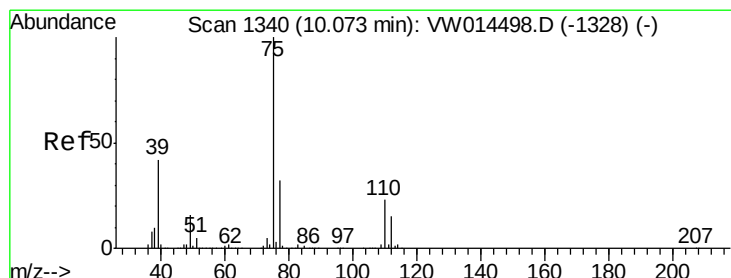
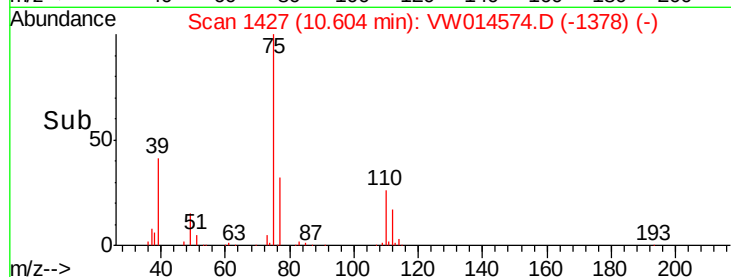
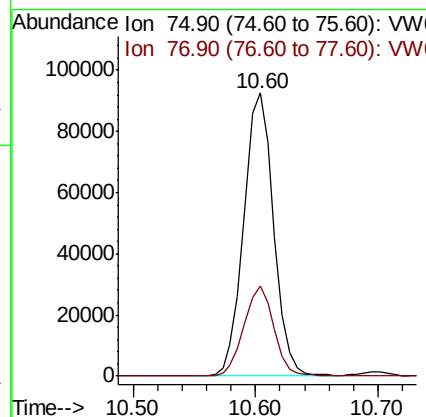
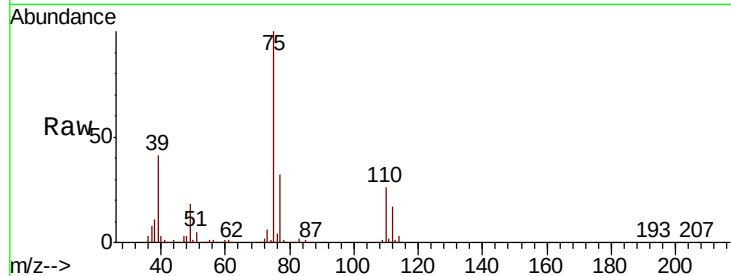
ClientSampled :

Tot Ion: 75 Resp: 156971

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 20.326 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.01 min

Lab File: VW014574.D

Acq: 09 Jan 2020 11:40

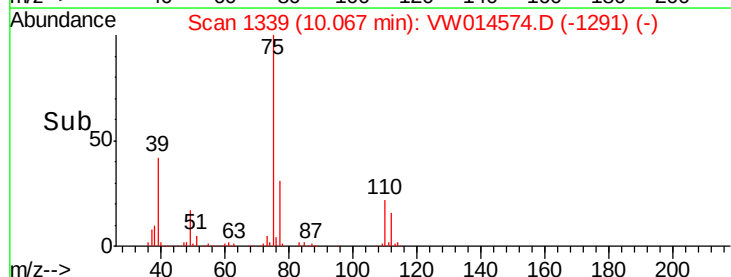
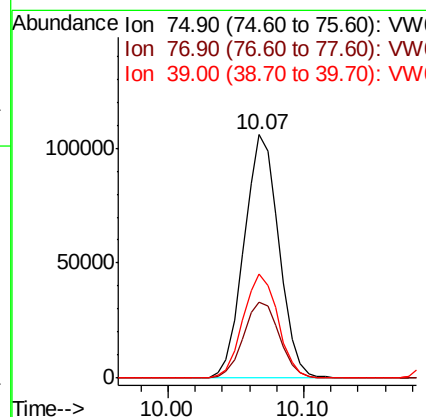
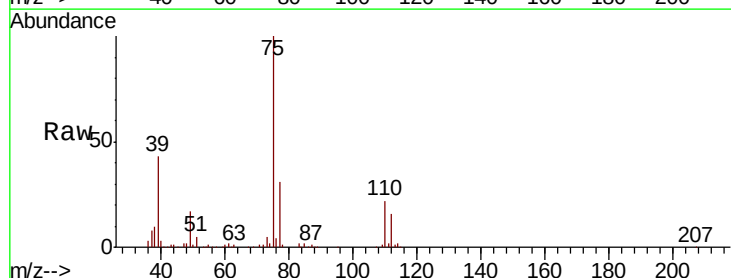
Tgt Ion: 75 Resp: 189745

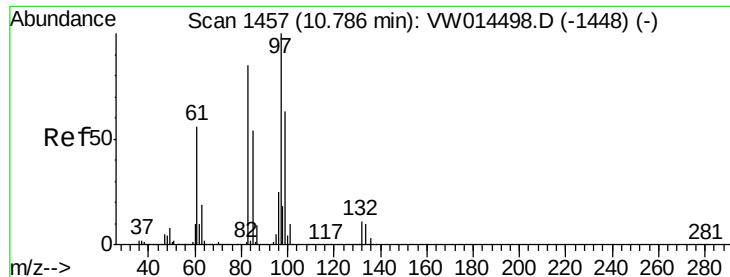
Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.0

39 42.4 33.4 50.2

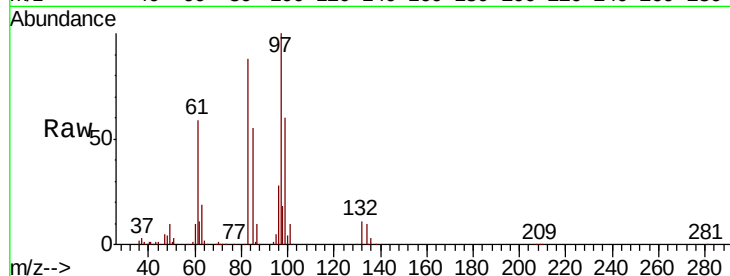




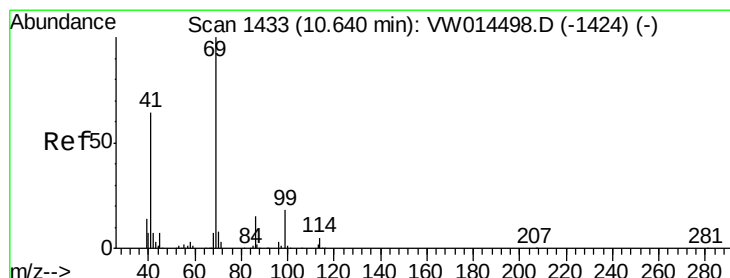
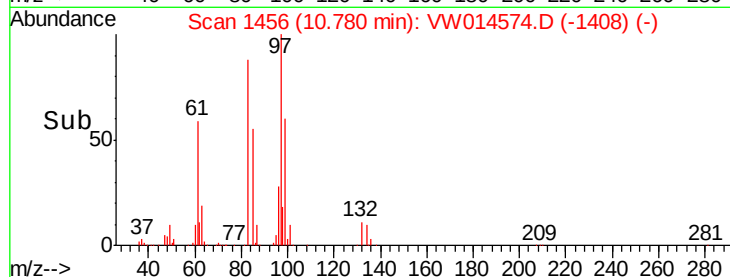
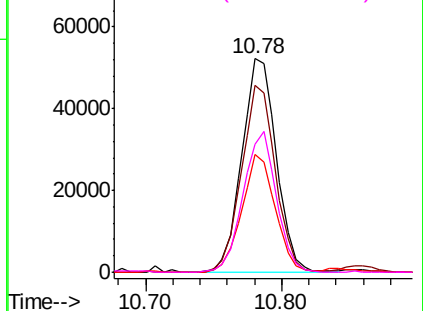
#55
 1,1,2-Trichloroethane
 Concen: 21.139 ug/l
 RT: 10.78 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: VW014574.D
 Acq: 09 Jan 2020 11:40

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	97	Resp:	92251
Ion	Ratio	Lower	Upper
97	100		
83	87.8	68.2	102.4
85	55.1	43.0	64.4
99	59.8	50.1	75.1

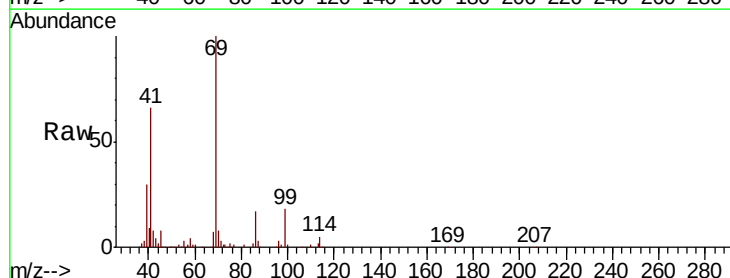


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

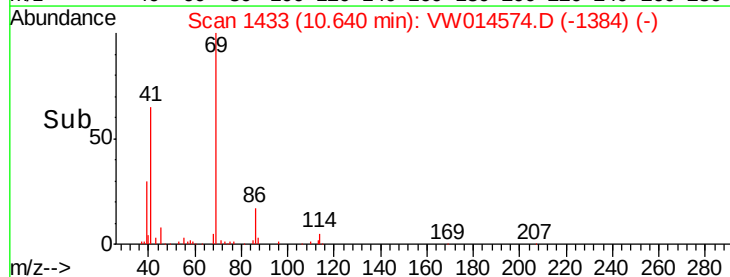
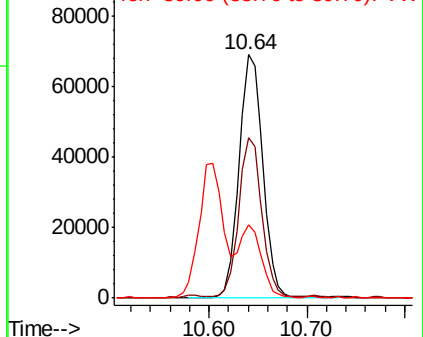


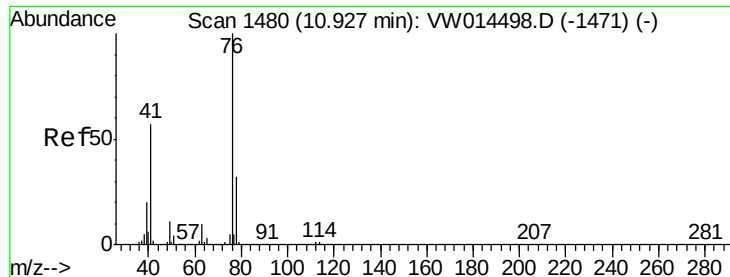
#56
 Ethyl methacrylate
 Concen: 20.690 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: VW014574.D
 Acq: 09 Jan 2020 11:40

Tgt Ion:	69	Resp:	117343
Ion	Ratio	Lower	Upper
69	100		
41	62.8	51.3	76.9
39	24.5	21.0	31.6



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





#57

1,3-Dichloropropane

Concen: 20.962 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW014574.D

Acq: 09 Jan 2020 11:40

Instrument :

MSVOA_W

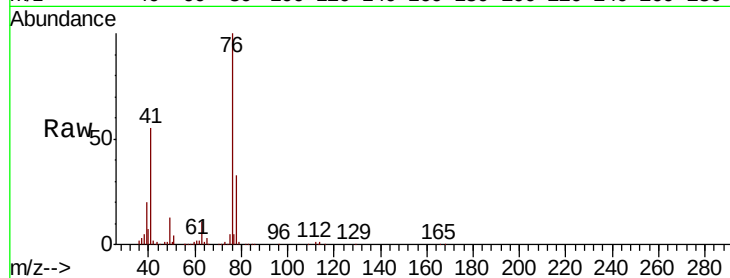
ClientSampled :

Tot Ion: 76 Resp: 160776

Ion Ratio Lower Upper

76 100

78 33.3 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

10.93

80000

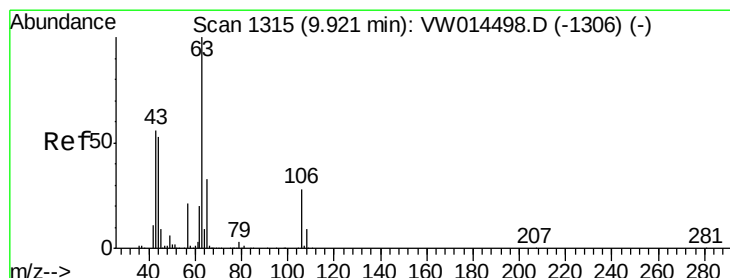
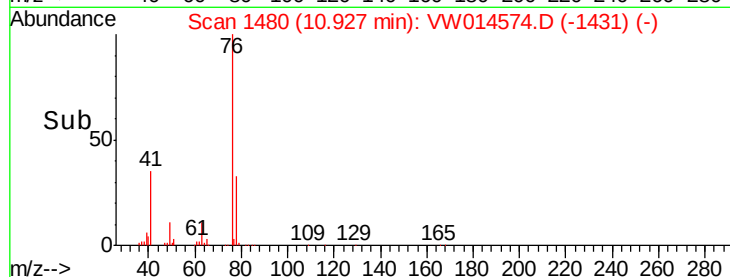
60000

40000

20000

0

Time--> 10.80 10.90 11.00



#58

2-Chloroethyl Vinyl ether

Concen: 104.529 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW014574.D

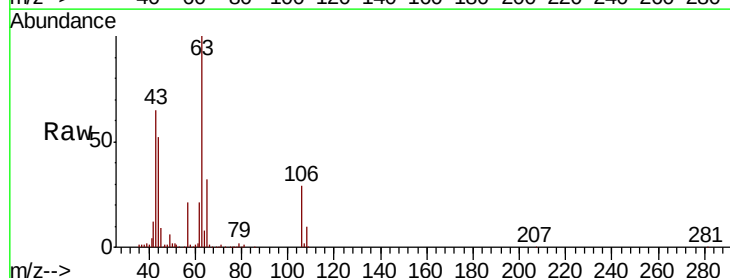
Acq: 09 Jan 2020 11:40

Tgt Ion: 63 Resp: 180301

Ion Ratio Lower Upper

63 100

106 29.2 23.0 34.6



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

9.92

120000

100000

80000

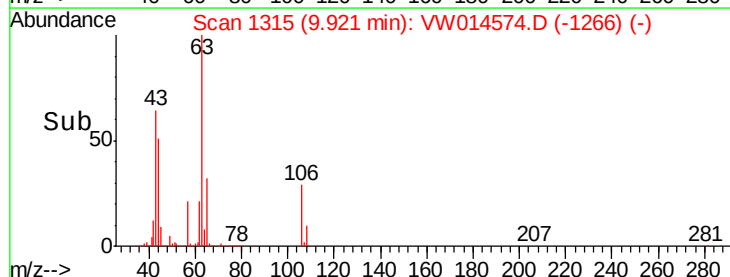
60000

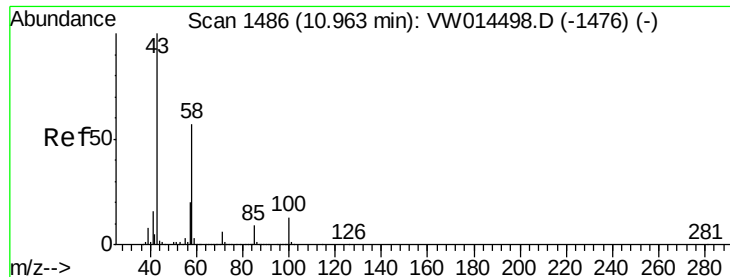
40000

20000

0

Time--> 9.80 9.90 10.00

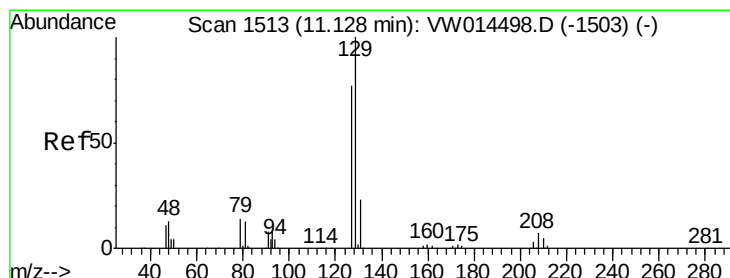
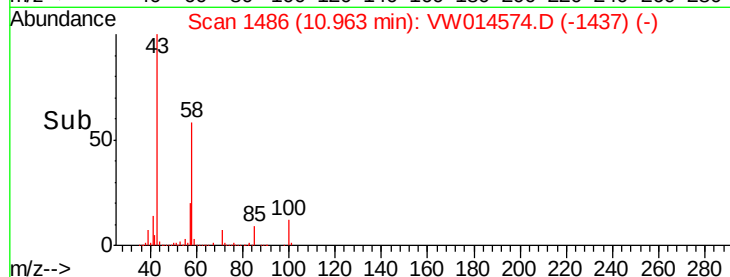
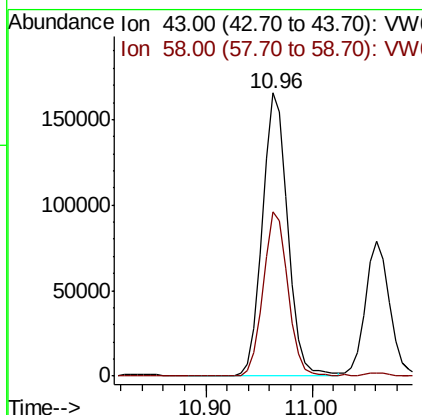
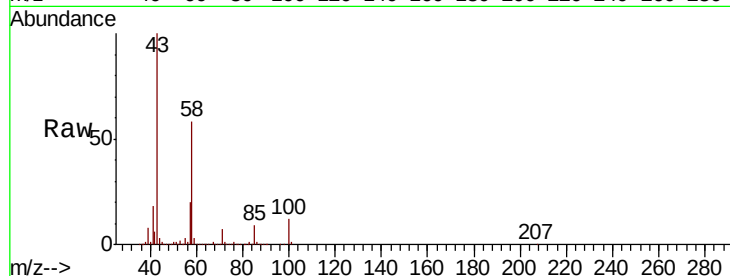




#59
2-Hexanone
Concen: 107.716 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VW014574.D
Acq: 09 Jan 2020 11:40

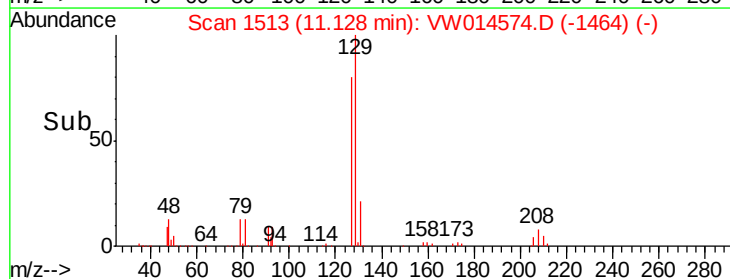
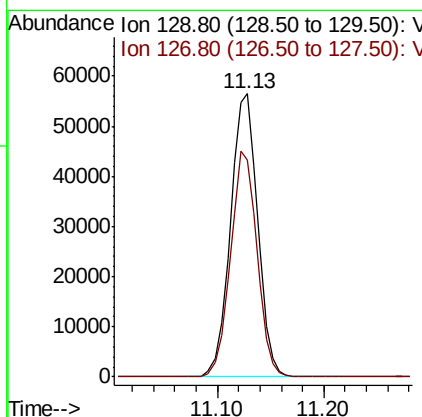
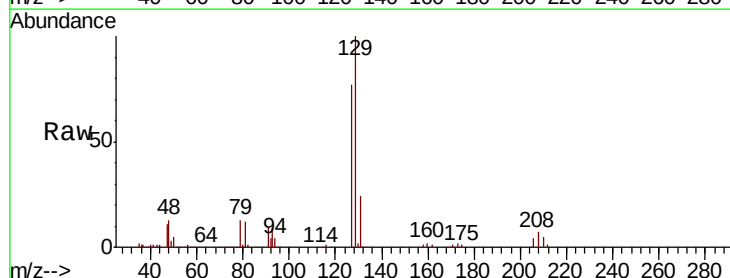
Instrument :
MSVOA_W
ClientSampleId :

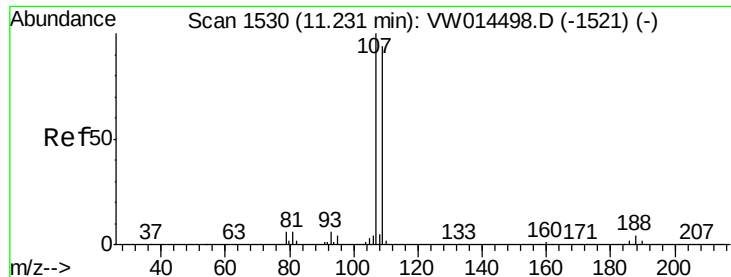
Tot Ion: 43 Resp: 276748
Ion Ratio Lower Upper
43 100
58 56.6 28.7 86.3



#60
Dibromochloromethane
Concen: 20.532 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW014574.D
Acq: 09 Jan 2020 11:40

Tgt Ion: 129 Resp: 101097
Ion Ratio Lower Upper
129 100
127 78.0 38.1 114.5

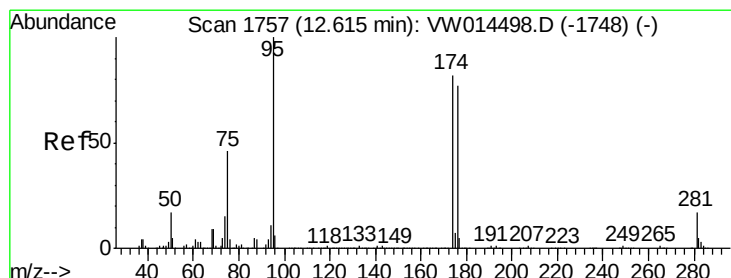
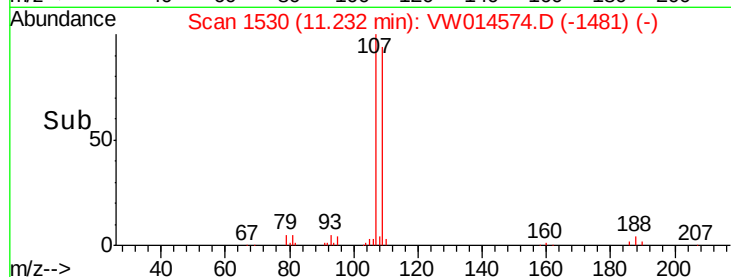
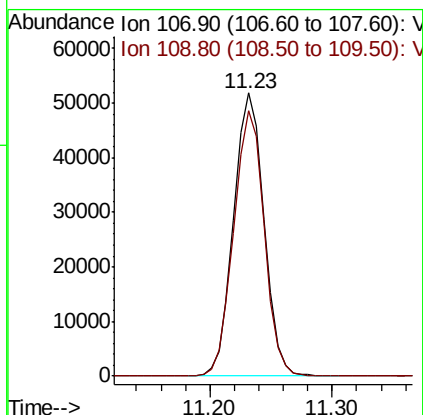
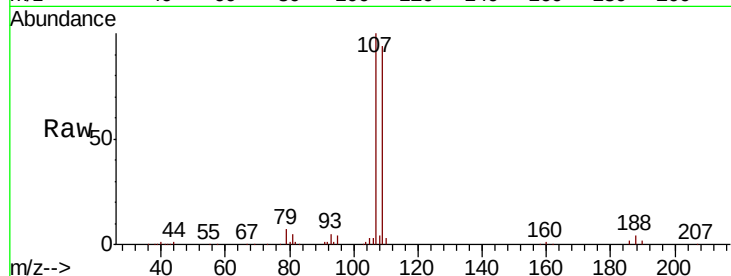




#61
1,2-Dibromoethane
Concen: 21.472 ug/l
RT: 11.23 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VW014574.D
Acq: 09 Jan 2020 11:40

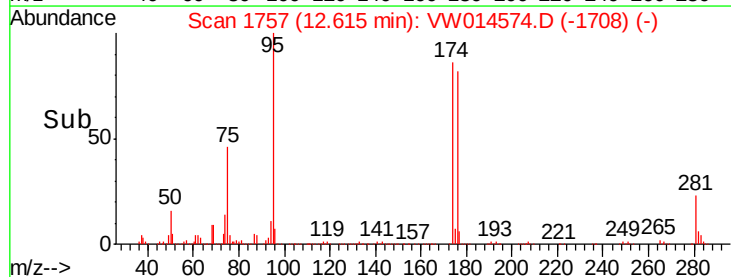
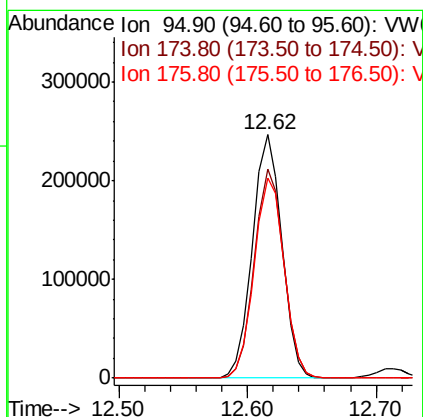
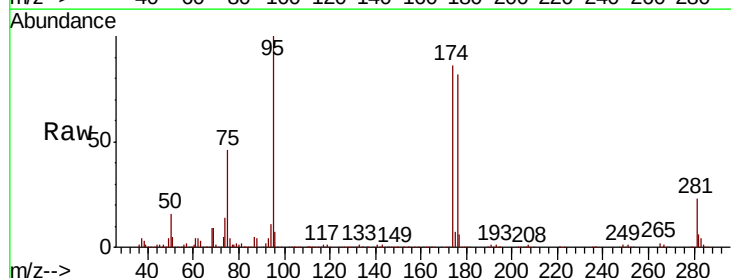
Instrument :
MSVOA_W
ClientSampled :

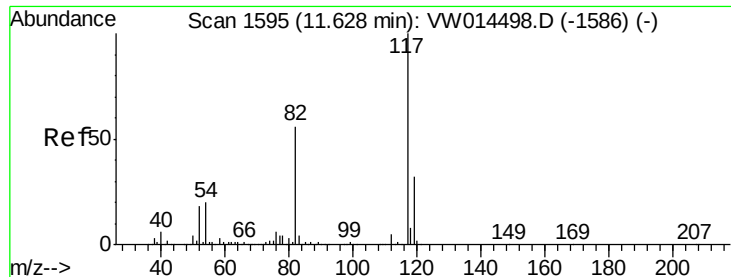
Tot Ion: 107 Resp: 88946
Ion Ratio Lower Upper
107 100
109 94.2 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 52.882 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW014574.D
Acq: 09 Jan 2020 11:40

Tgt Ion: 95 Resp: 386871
Ion Ratio Lower Upper
95 100
174 85.8 0.0 168.6
176 84.1 0.0 162.0

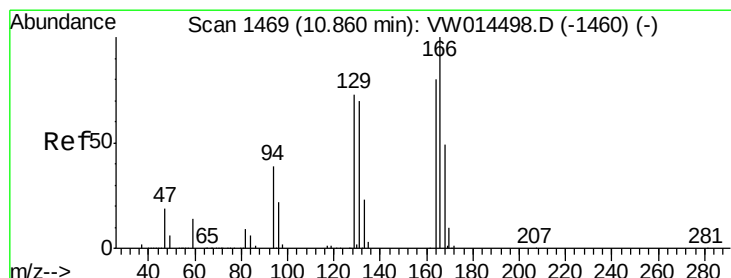
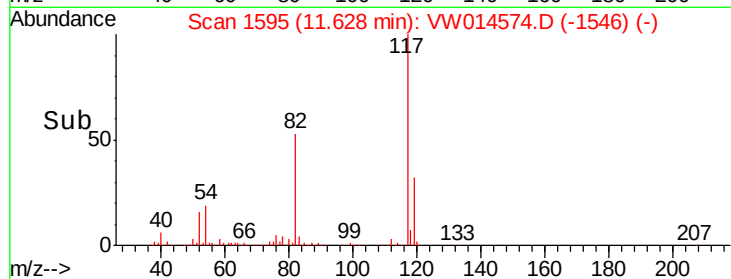
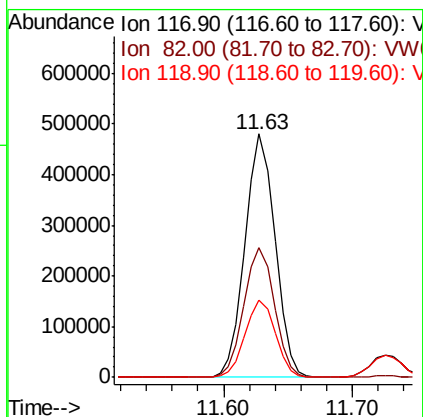
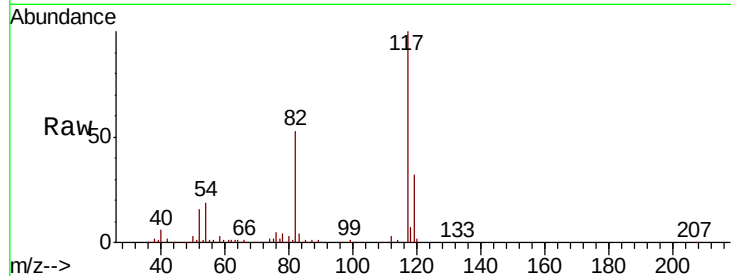




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014574.D
Acq: 09 Jan 2020 11:40

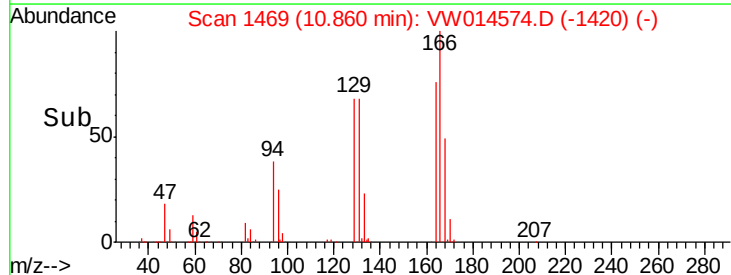
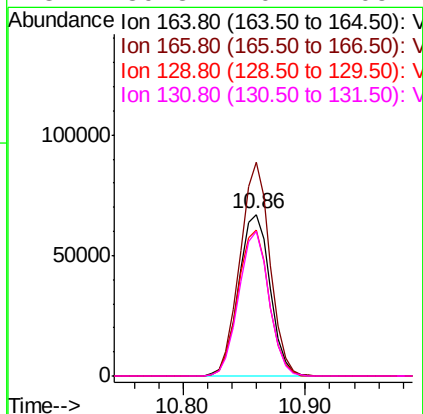
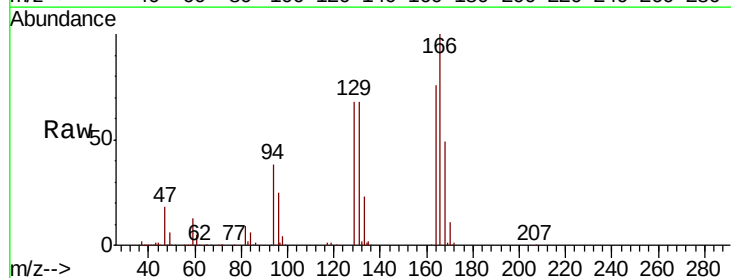
Instrument :
MSVOA_W
ClientSampleId :

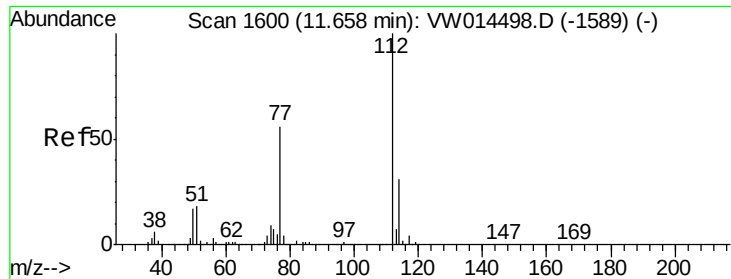
Tot Ion:117 Resp: 775933
Ion Ratio Lower Upper
117 100
82 53.4 44.6 67.0
119 32.0 25.7 38.5



#64
Tetrachloroethene
Concen: 21.242 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW014574.D
Acq: 09 Jan 2020 11:40

Tgt Ion:164 Resp: 119325
Ion Ratio Lower Upper
164 100
166 132.0 99.8 149.6
129 90.1 72.4 108.6
131 89.3 70.1 105.1

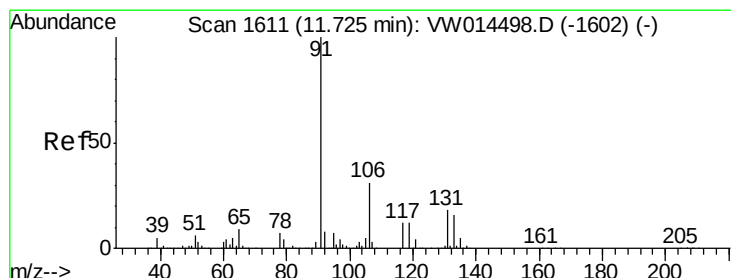
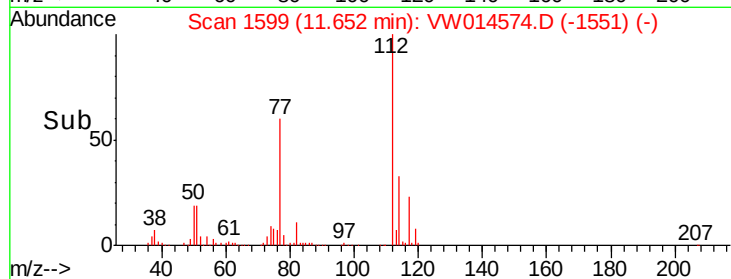
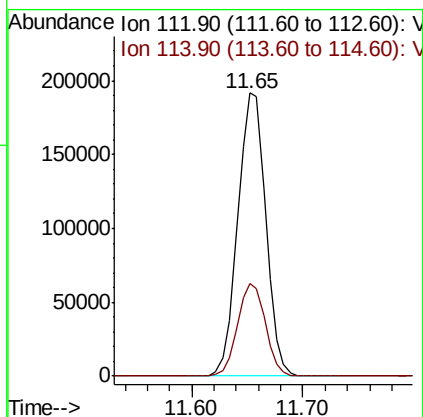
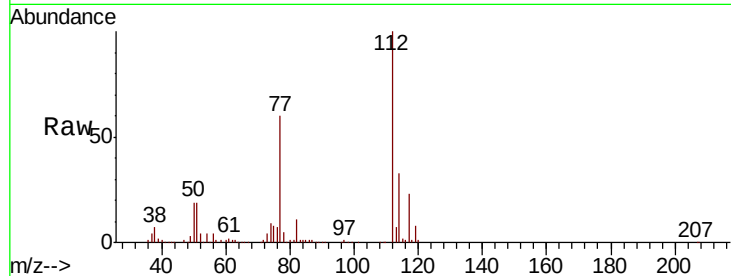




#65
Chlorobenzene
Concen: 20.977 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW014574.D
Acq: 09 Jan 2020 11:40

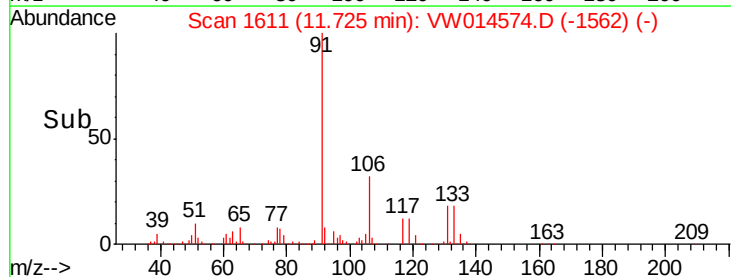
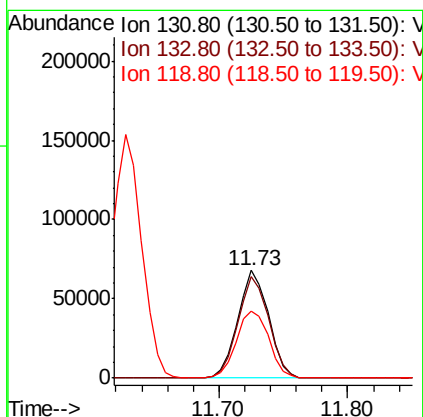
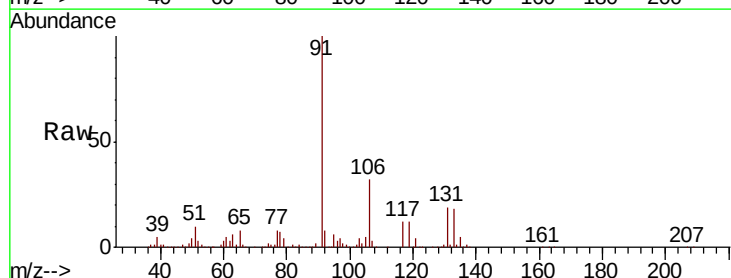
Instrument :
MSVOA_W
ClientSampleId :

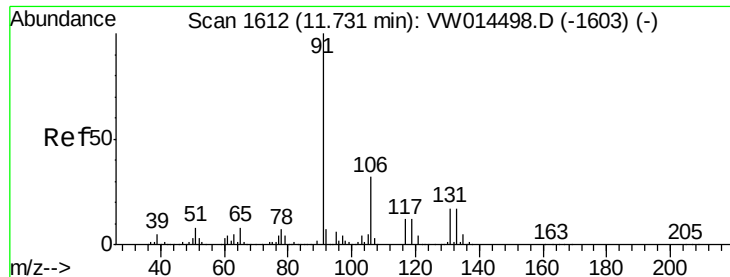
Tot Ion:112 Resp: 333466
Ion Ratio Lower Upper
112 100
114 32.8 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.025 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VW014574.D
Acq: 09 Jan 2020 11:40

Tgt Ion:131 Resp: 112530
Ion Ratio Lower Upper
131 100
133 94.5 47.3 142.0
119 65.5 33.1 99.3





#67

Ethyl Benzene

Concen: 21.015 ug/l

RT: 11.73 min Scan# 1611

Delta R.T. -0.01 min

Lab File: VW014574.D

Acq: 09 Jan 2020 11:40

Instrument :

MSVOA_W

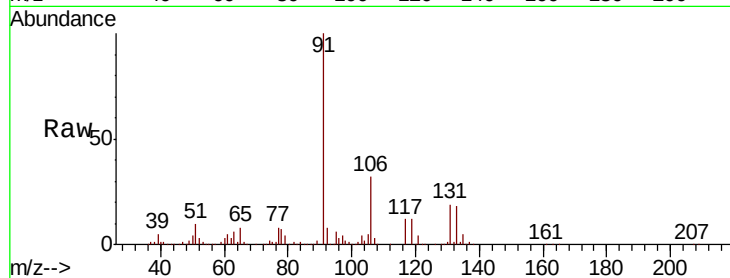
ClientSampleId :

Tot Ion: 91 Resp: 602029

Ion Ratio Lower Upper

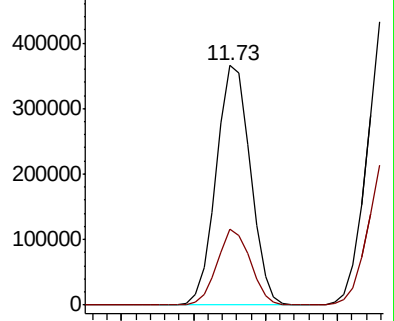
91 100

106 31.9 25.5 38.3

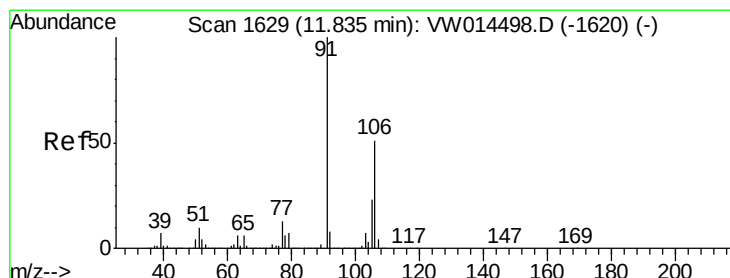
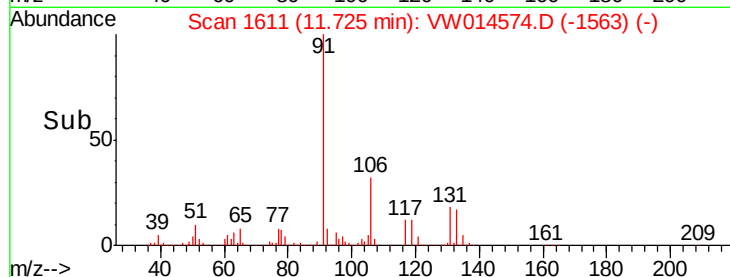


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



Time-->



#68

m/p-Xylenes

Concen: 42.256 ug/l

RT: 11.84 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VW014574.D

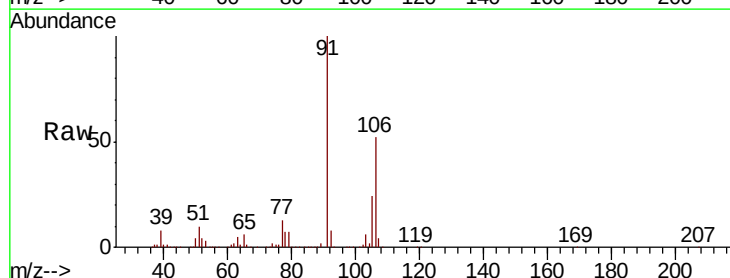
Acq: 09 Jan 2020 11:40

Tgt Ion:106 Resp: 463306

Ion Ratio Lower Upper

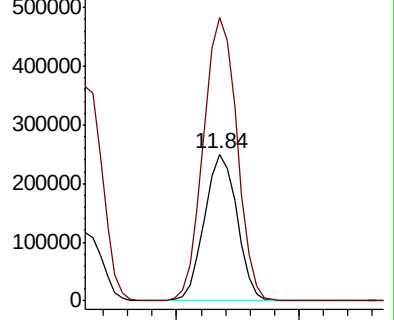
106 100

91 198.3 159.0 238.6

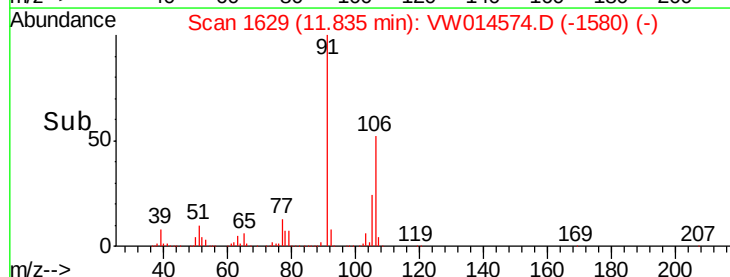


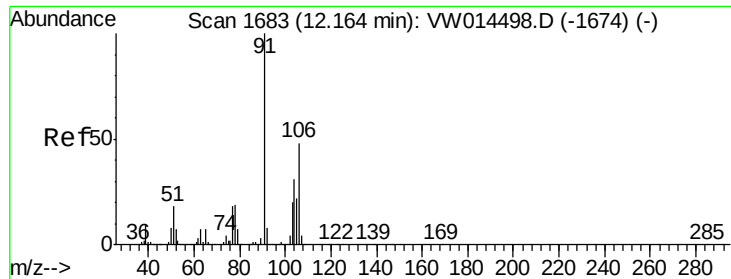
Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



Time-->

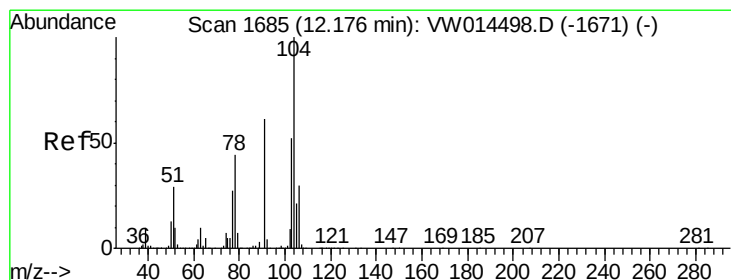
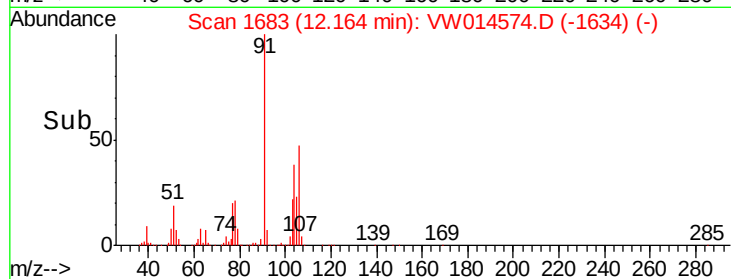
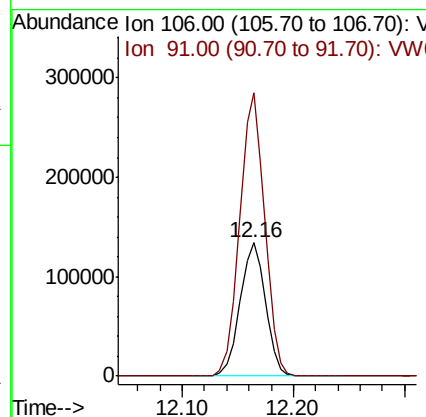
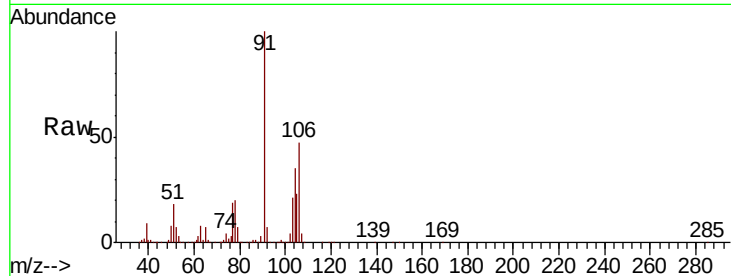




#69
o-Xylene
Concen: 20.883 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW014574.D
Acq: 09 Jan 2020 11:40

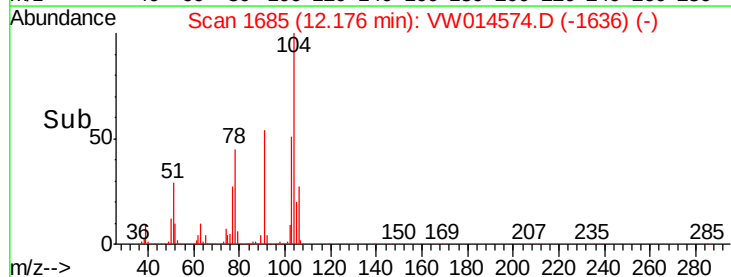
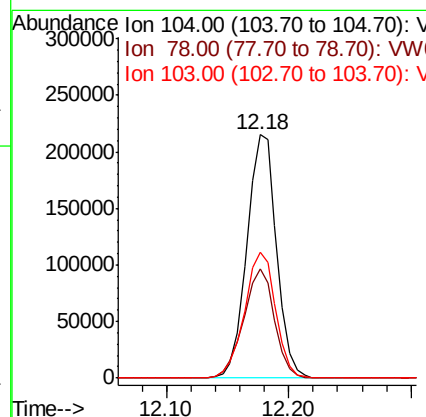
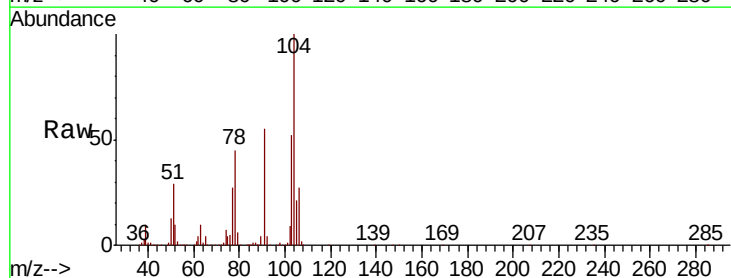
Instrument :
MSVOA_W
ClientSampleId :

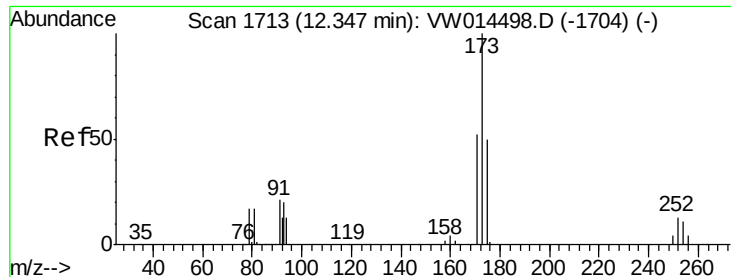
Tot Ion:106 Resp: 211495
Ion Ratio Lower Upper
106 100
91 209.0 105.2 315.6



#70
Styrene
Concen: 21.121 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VW014574.D
Acq: 09 Jan 2020 11:40

Tgt Ion:104 Resp: 361806
Ion Ratio Lower Upper
104 100
78 46.9 38.4 57.6
103 54.4 43.7 65.5





#71

Bromoform

Concen: 20.704 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW014574.D

Acq: 09 Jan 2020 11:40

Instrument :

MSVOA_W

ClientSampleId :

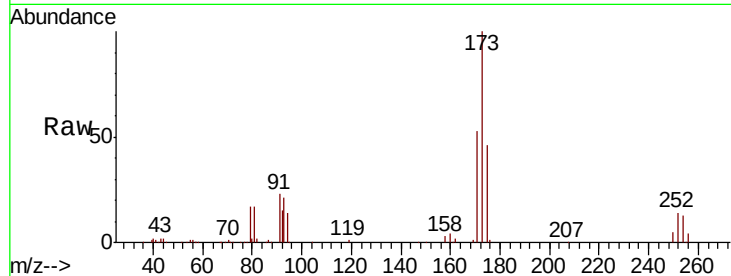
Tot Ion:173 Resp: 60443

Ion Ratio Lower Upper

173 100

175 49.6 24.5 73.5

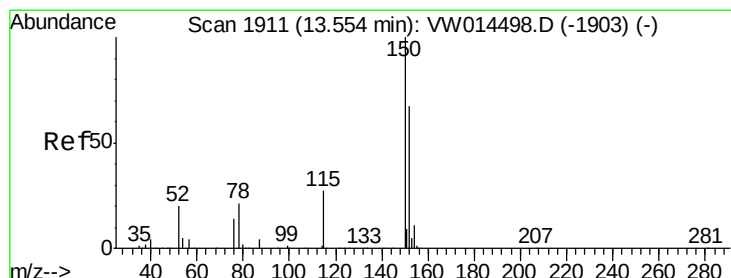
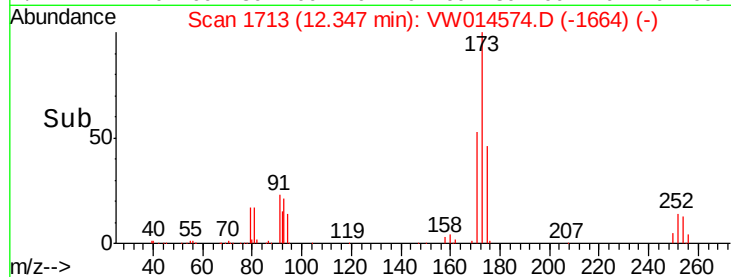
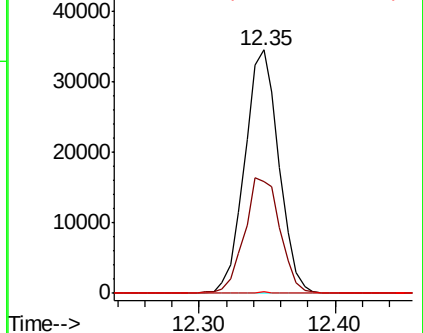
254 0.1 0.0 0.0#



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: VW014574.D

Acq: 09 Jan 2020 11:40

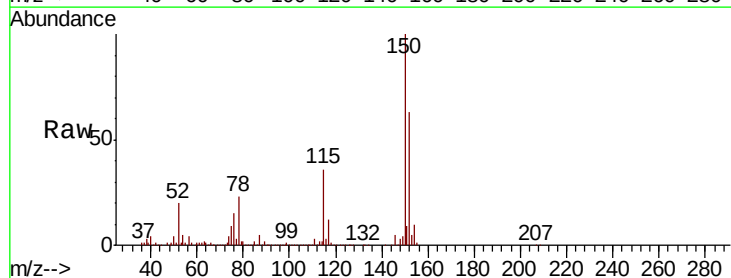
Tgt Ion:152 Resp: 379391

Ion Ratio Lower Upper

152 100

115 57.0 27.7 83.1

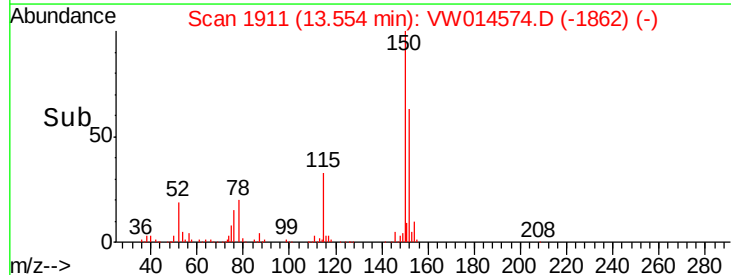
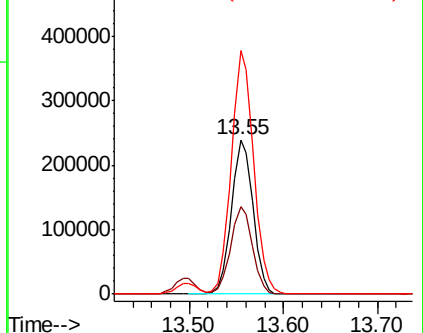
150 163.7 0.0 343.4

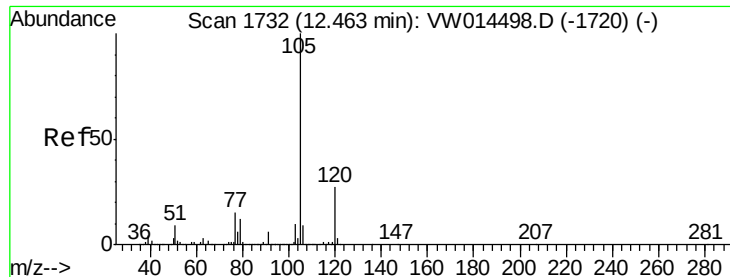


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.170 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW014574.D

Acq: 09 Jan 2020 11:40

Instrument :

MSVOA_W

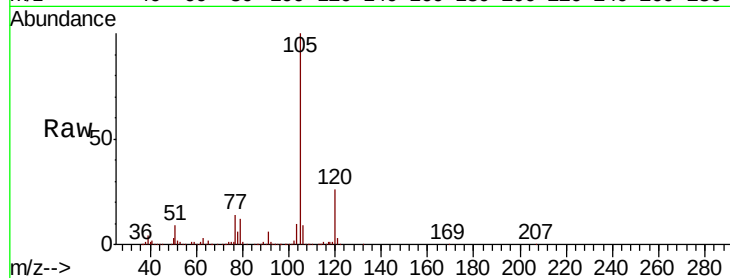
ClientSampleId :

Tot Ion:105 Resp: 589327

Ion Ratio Lower Upper

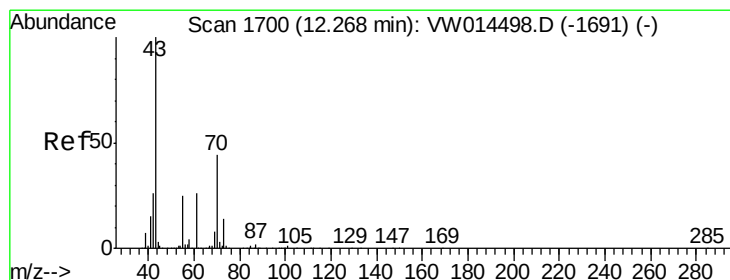
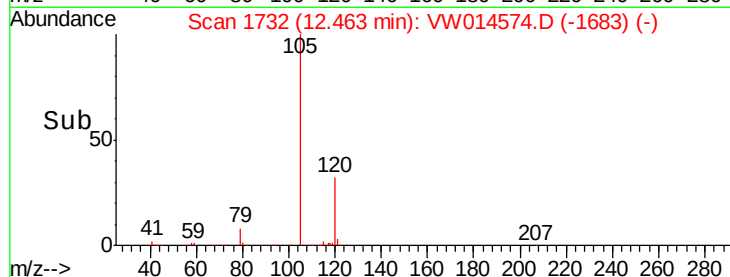
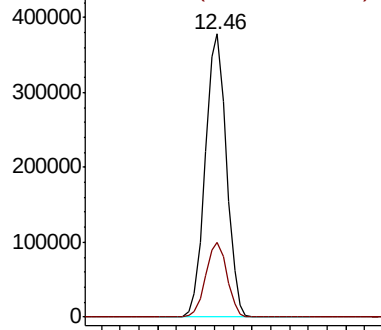
105 100

120 26.6 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.573 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VW014574.D

Acq: 09 Jan 2020 11:40

Tgt Ion: 43 Resp: 128413

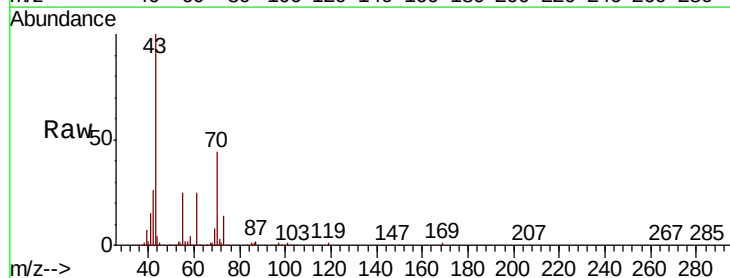
Ion Ratio Lower Upper

43 100

70 45.3 36.5 54.7

55 26.8 20.9 31.3

61 26.2 20.7 31.1

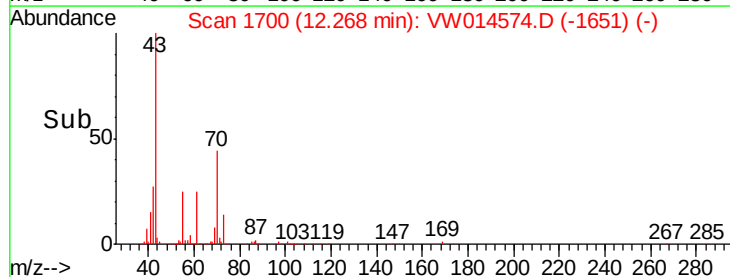
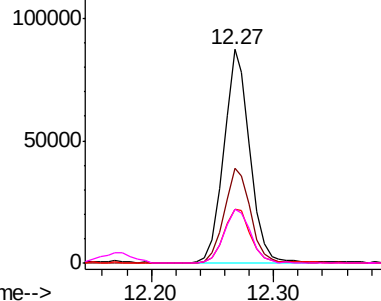


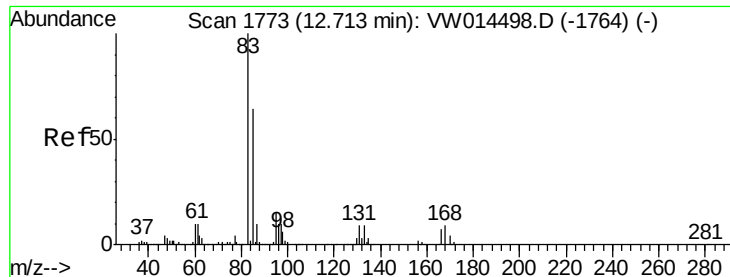
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 21.748 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW014574.D

Acq: 09 Jan 2020 11:40

Instrument :

MSVOA_W

ClientSampleId :

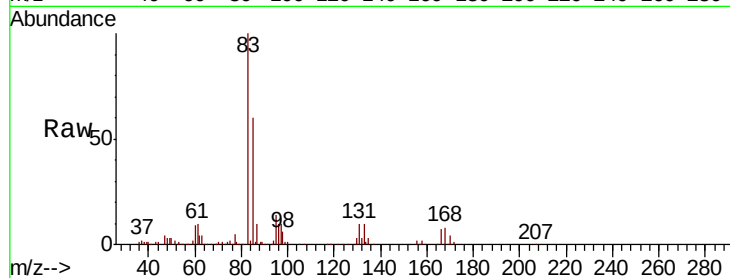
Tot Ion: 83 Resp: 109274

Ion Ratio Lower Upper

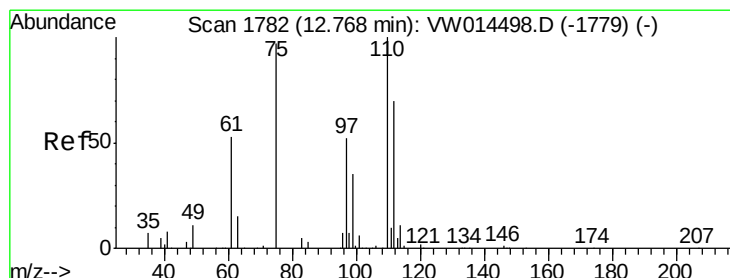
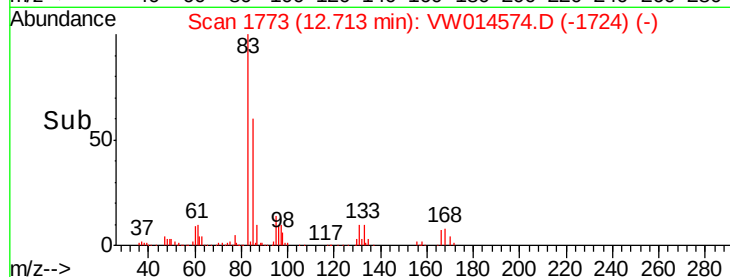
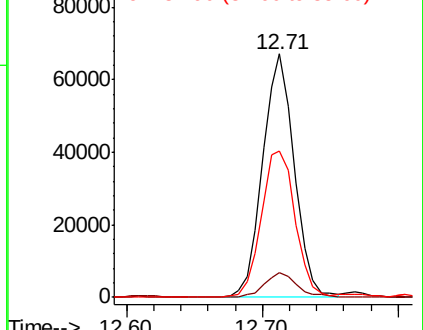
83 100

131 10.4 5.1 15.4

85 64.7 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 37.710 ug/l

RT: 12.76 min Scan# 1781

Delta R.T. -0.01 min

Lab File: VW014574.D

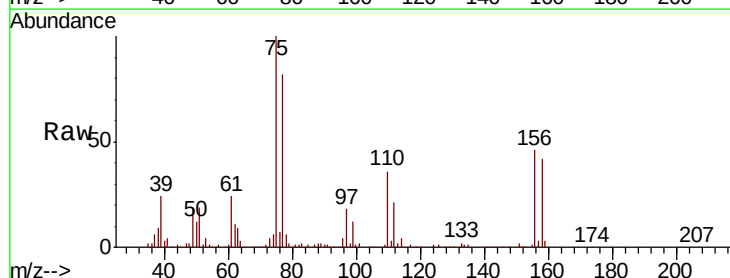
Acq: 09 Jan 2020 11:40

Tgt Ion: 75 Resp: 135269

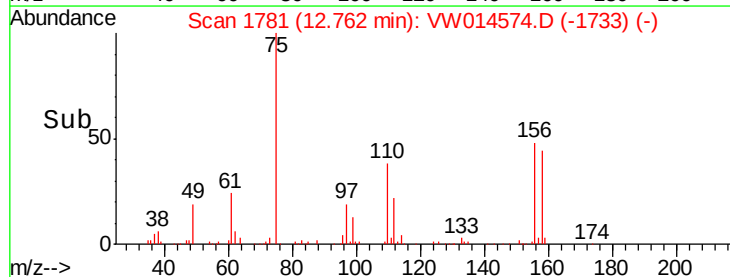
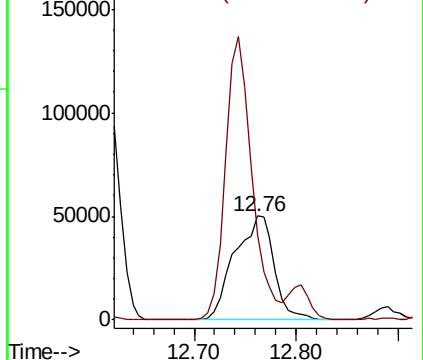
Ion Ratio Lower Upper

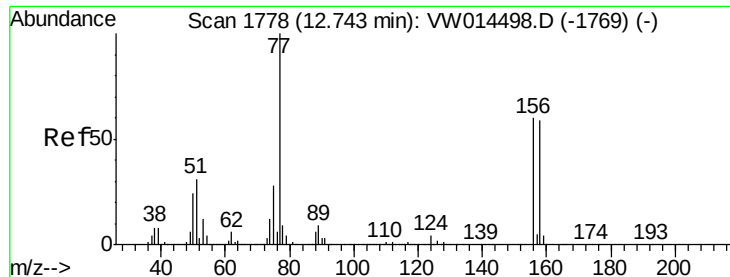
75 100

77 183.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.579 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW014574.D

Acq: 09 Jan 2020 11:40

Instrument :

MSVOA_W

ClientSampleId :

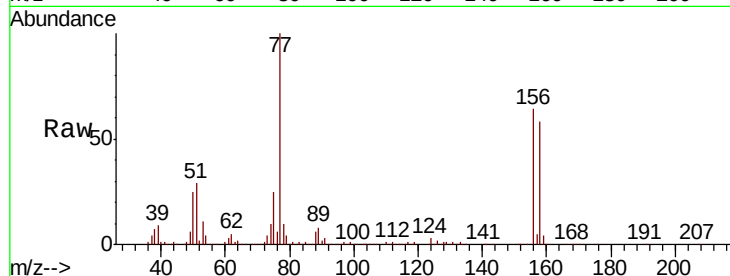
Tot Ion:156 Resp: 139520

Ion Ratio Lower Upper

156 100

77 177.5 92.3 277.1

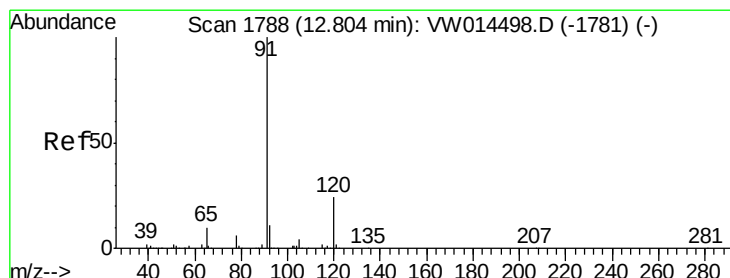
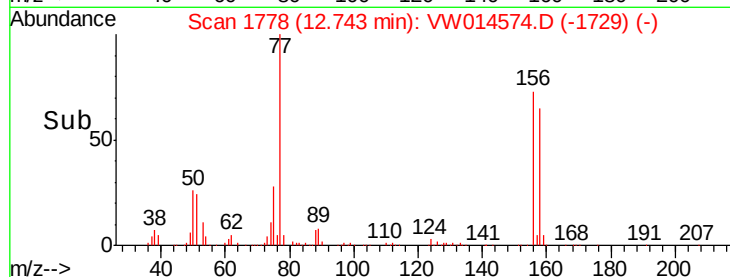
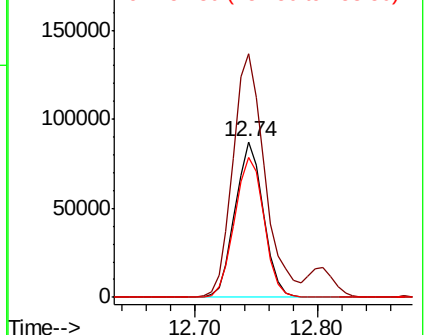
158 93.2 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.217 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW014574.D

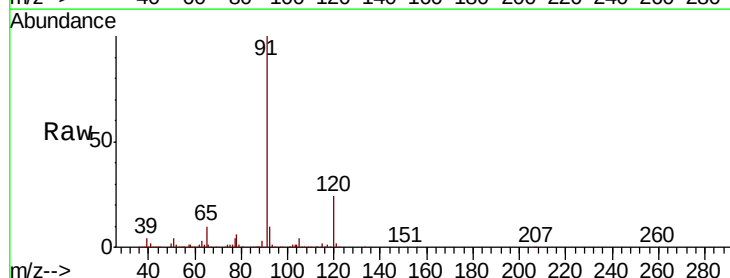
Acq: 09 Jan 2020 11:40

Tgt Ion: 91 Resp: 694519

Ion Ratio Lower Upper

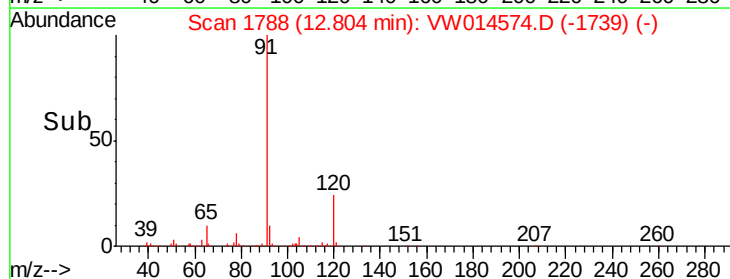
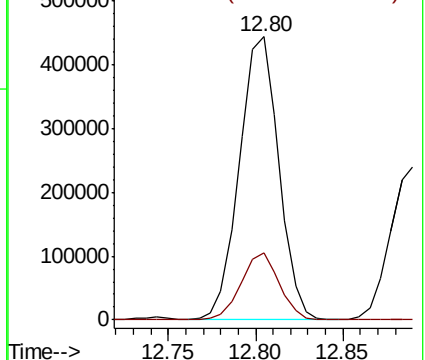
91 100

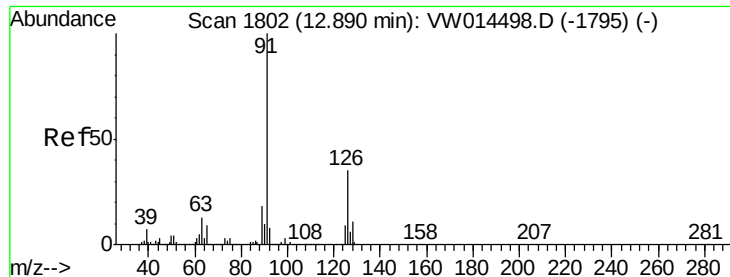
120 22.8 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.966 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW014574.D

Acq: 09 Jan 2020 11:40

Instrument :

MSVOA_W

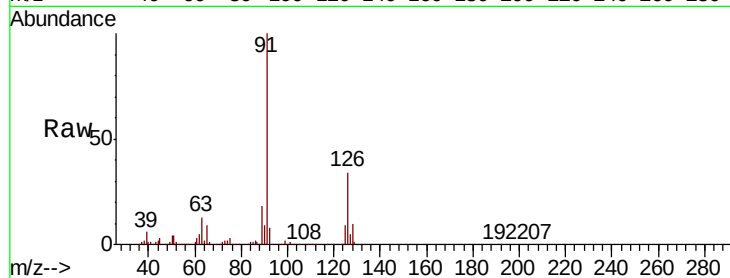
ClientSampled :

Tot Ion: 91 Resp: 390571

Ion Ratio Lower Upper

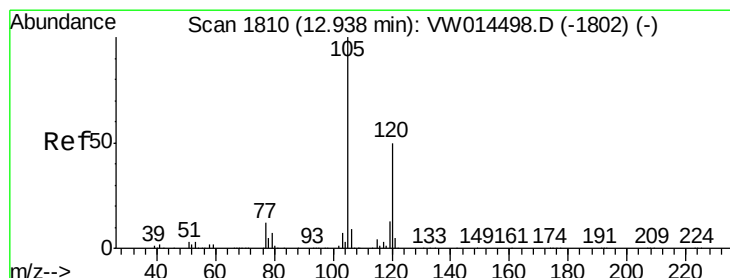
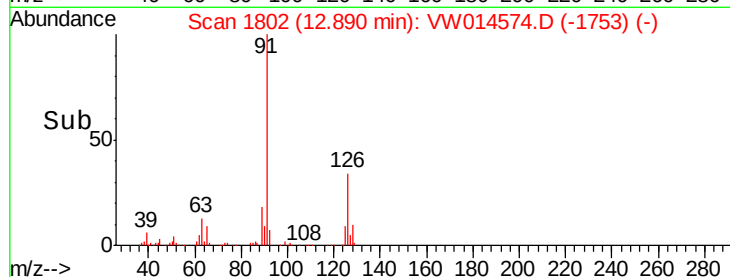
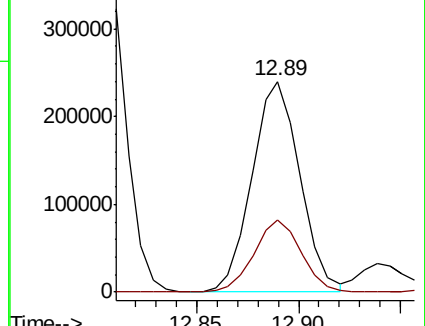
91 100

126 33.8 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: 21.125 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW014574.D

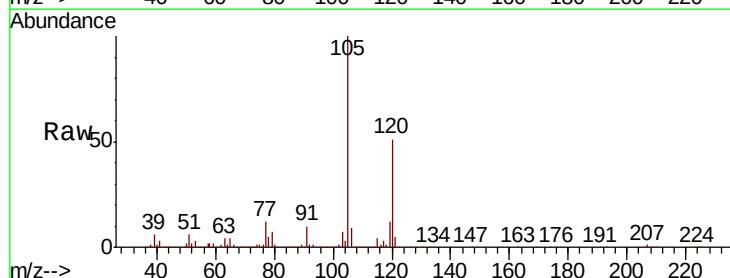
Acq: 09 Jan 2020 11:40

Tgt Ion: 105 Resp: 493764

Ion Ratio Lower Upper

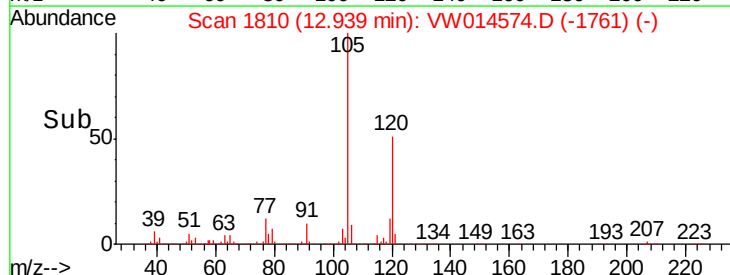
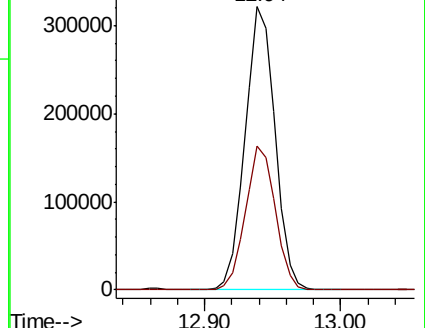
105 100

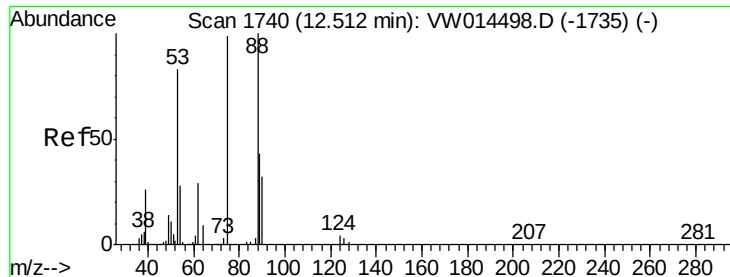
120 50.7 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

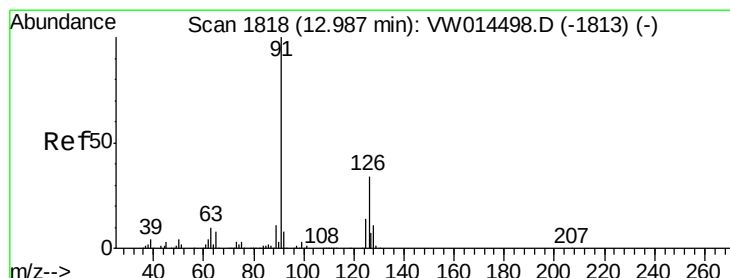
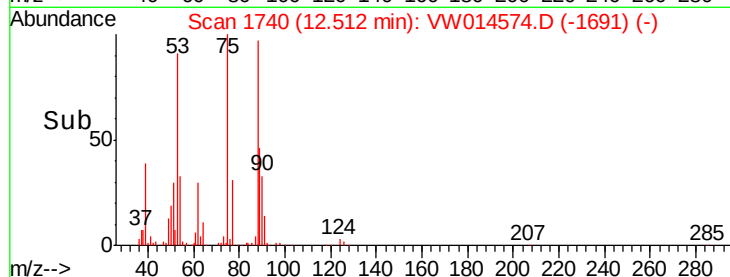
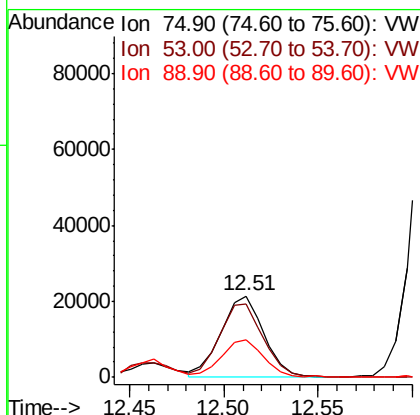
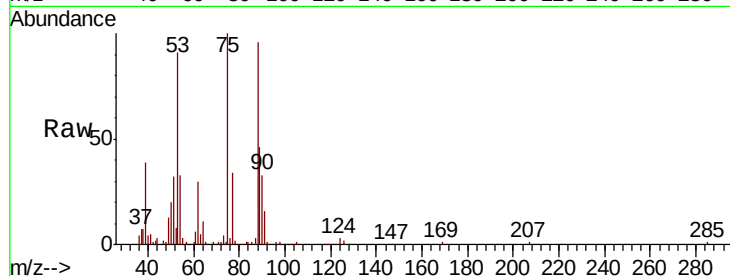




#81
trans-1,4-Dichloro-2-butene
Concen: 20.661 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW014574.D
Acq: 09 Jan 2020 11:40

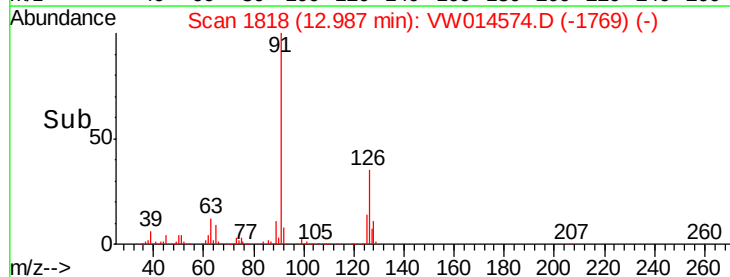
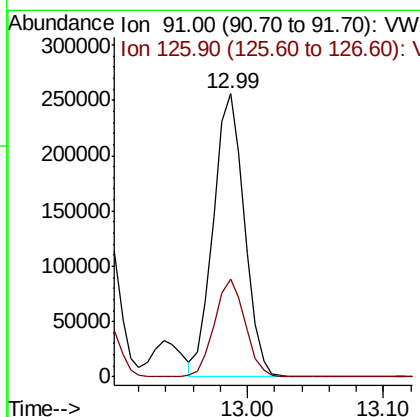
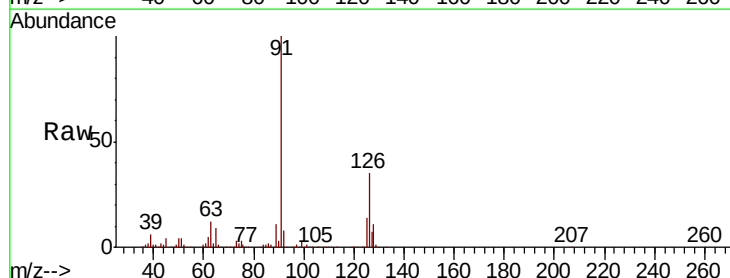
Instrument :
MSVOA_W
ClientSampleId :

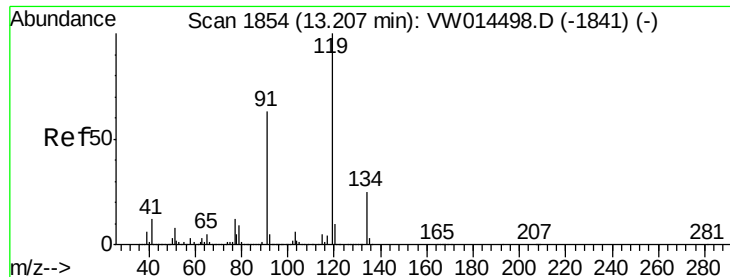
Tot Ion: 75 Resp: 33263
Ion Ratio Lower Upper
75 100
53 94.3 70.9 106.3
89 46.5 35.8 53.8



#82
4-Chlorotoluene
Concen: 20.848 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW014574.D
Acq: 09 Jan 2020 11:40

Tgt Ion: 91 Resp: 403478
Ion Ratio Lower Upper
91 100
126 34.4 17.1 51.2





#83

tert-Butylbenzene

Concen: 20.893 ug/l

RT: 13.20 min Scan# 1853

Delta R.T. -0.01 min

Lab File: VW014574.D

Acq: 09 Jan 2020 11:40

Instrument :

MSVOA_W

ClientSampleId :

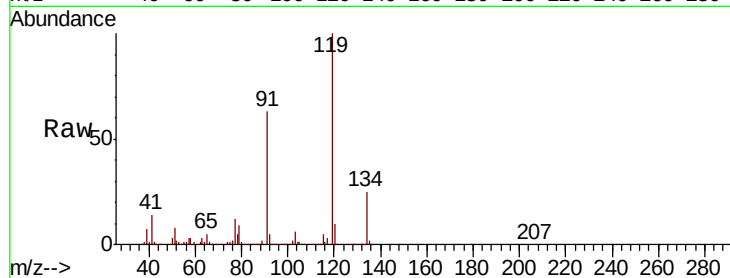
Tot Ion:119 Resp: 427559

Ion Ratio Lower Upper

119 100

91 61.5 31.1 93.3

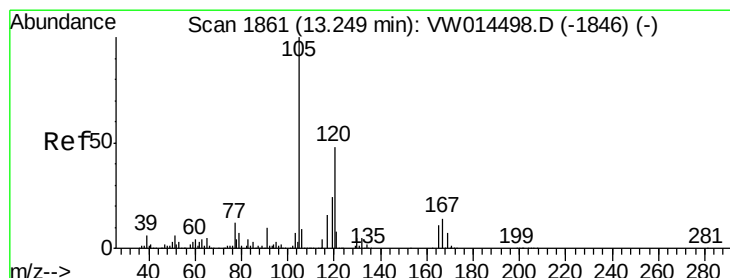
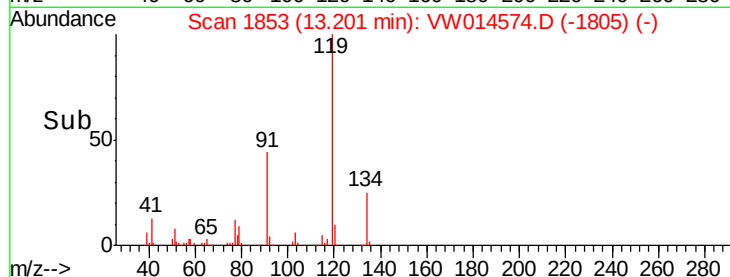
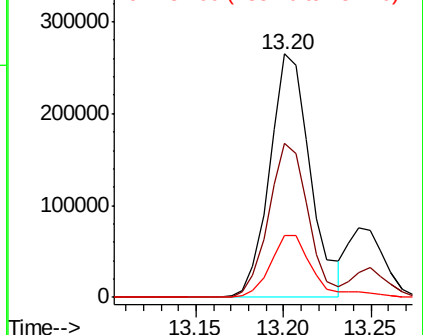
134 27.1 13.5 40.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.939 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VW014574.D

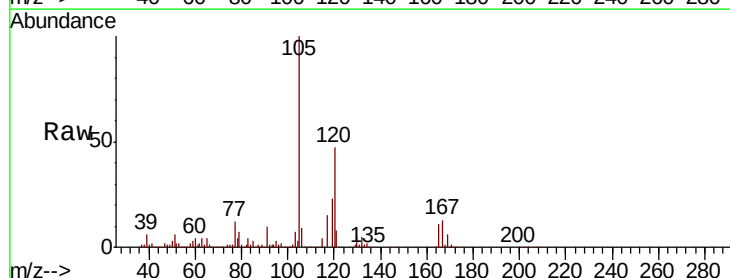
Acq: 09 Jan 2020 11:40

Tgt Ion:105 Resp: 487032

Ion Ratio Lower Upper

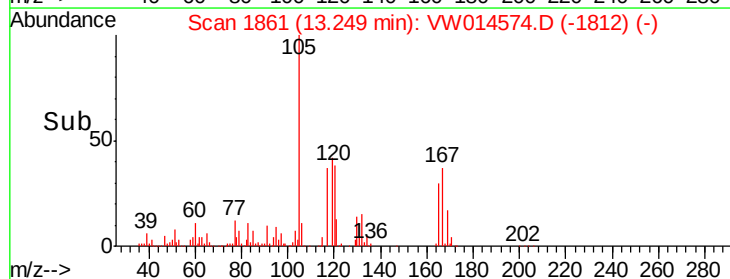
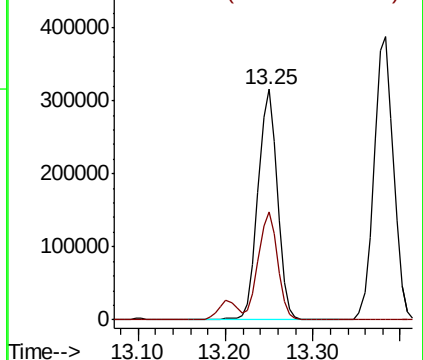
105 100

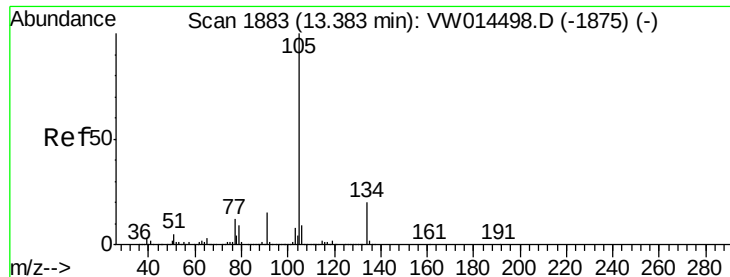
120 46.7 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.146 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW014574.D

Acq: 09 Jan 2020 11:40

Instrument :

MSVOA_W

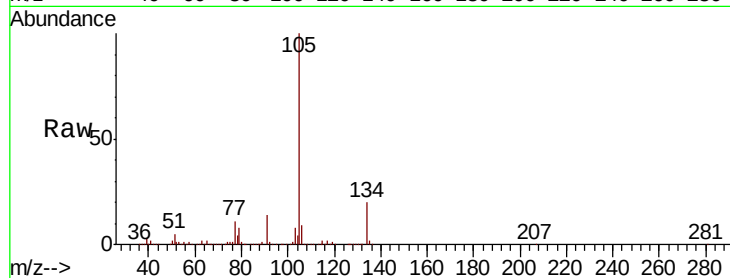
ClientSampled :

Tot Ion:105 Resp: 598974

Ion Ratio Lower Upper

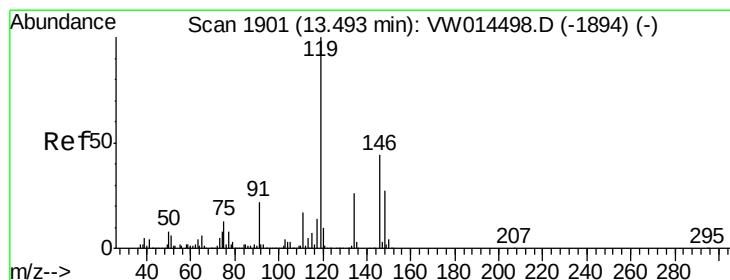
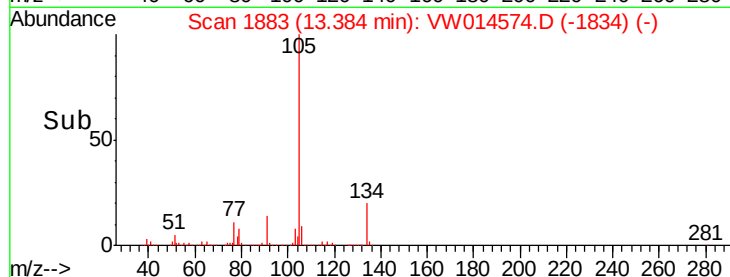
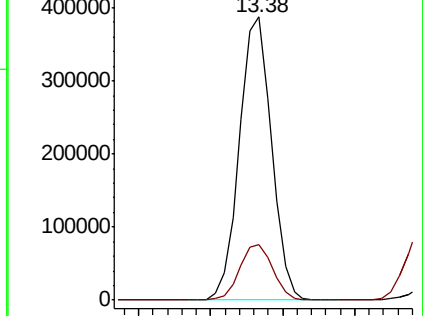
105 100

134 20.1 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.947 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. 0.00 min

Lab File: VW014574.D

Acq: 09 Jan 2020 11:40

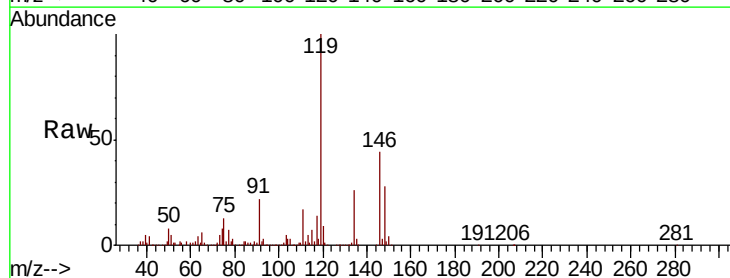
Tgt Ion:119 Resp: 540829

Ion Ratio Lower Upper

119 100

134 26.2 13.2 39.5

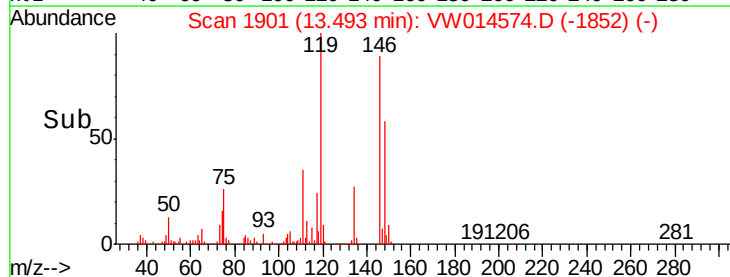
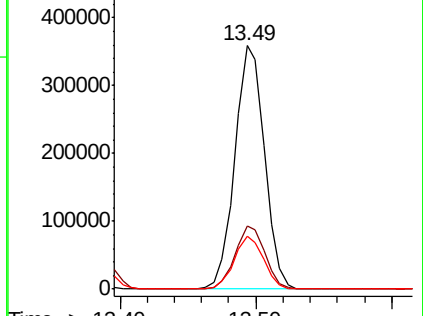
91 21.6 11.1 33.3

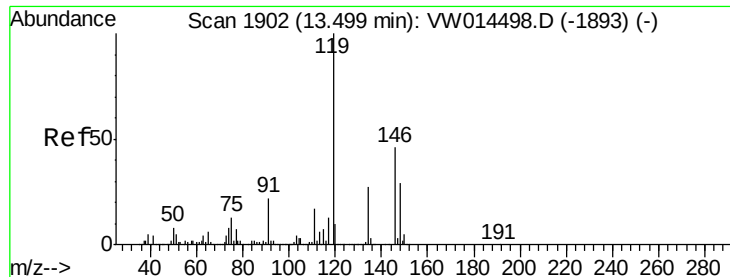


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

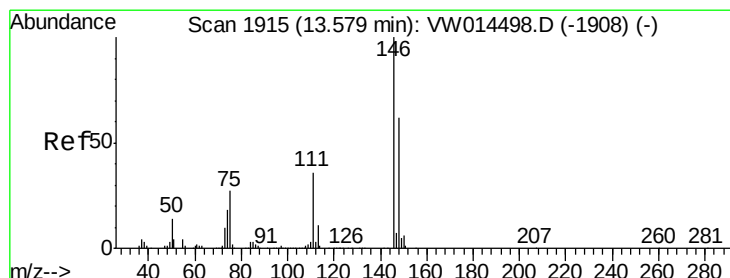
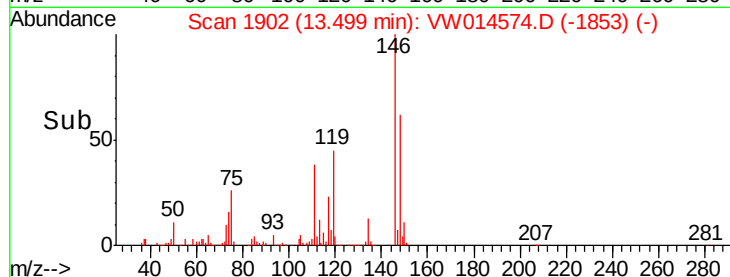
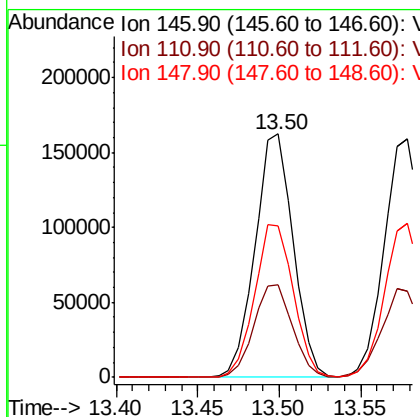
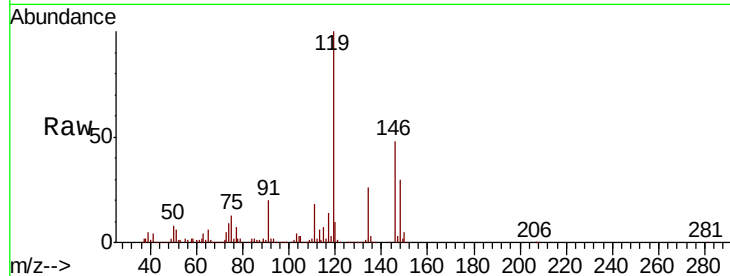




#87
 1,3-Dichlorobenzene
 Concen: 20.921 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW014574.D
 Acq: 09 Jan 2020 11:40

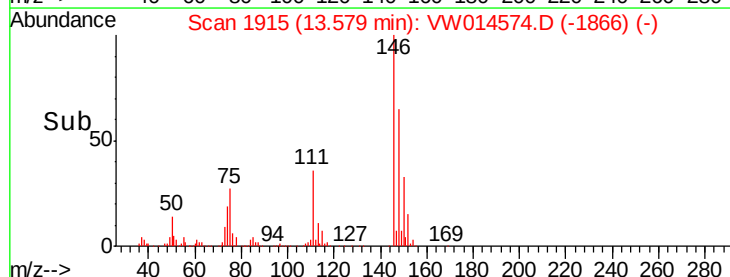
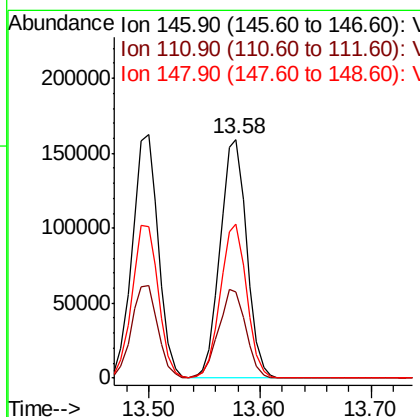
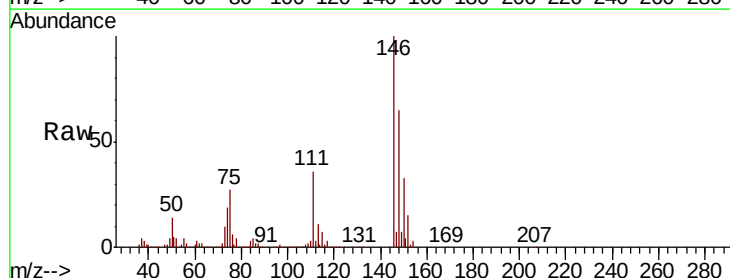
Instrument :
 MSVOA_W
 ClientSampled :

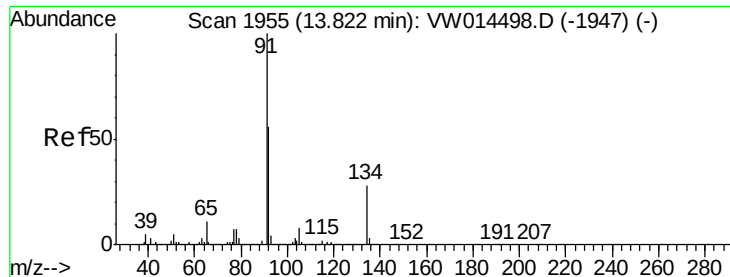
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.3	57.9
148	63.8	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 21.140 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW014574.D
 Acq: 09 Jan 2020 11:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.7	56.1
148	64.0	31.7	95.1





#89

n-Butylbenzene

Concen: 20.644 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW014574.D

Acq: 09 Jan 2020 11:40

Instrument :

MSVOA_W

ClientSampleId :

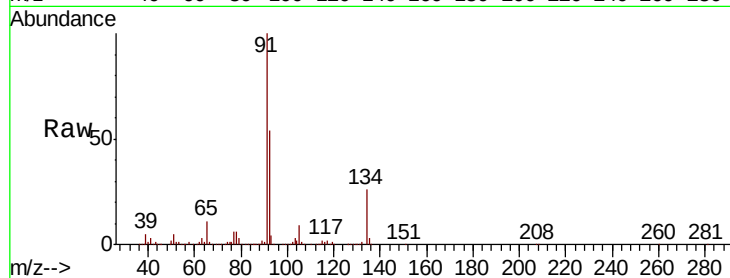
Tot Ion: 91 Resp: 494970

Ion Ratio Lower Upper

91 100

92 53.5 27.5 82.5

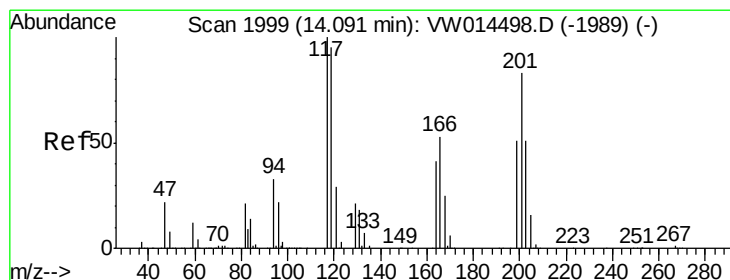
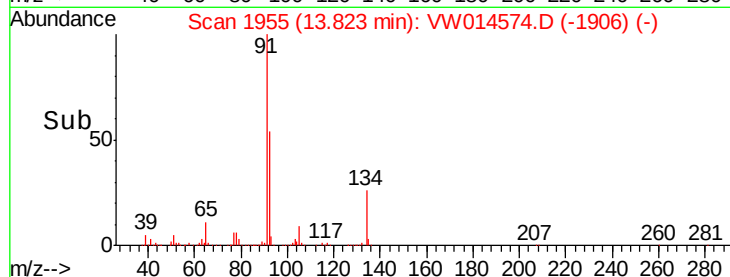
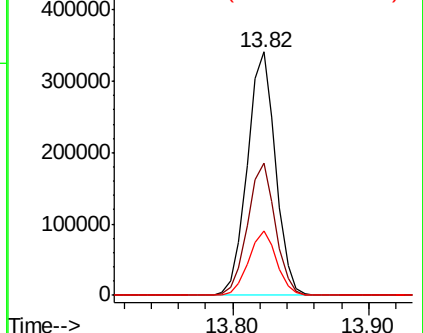
134 26.3 13.7 41.1



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: 20.110 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW014574.D

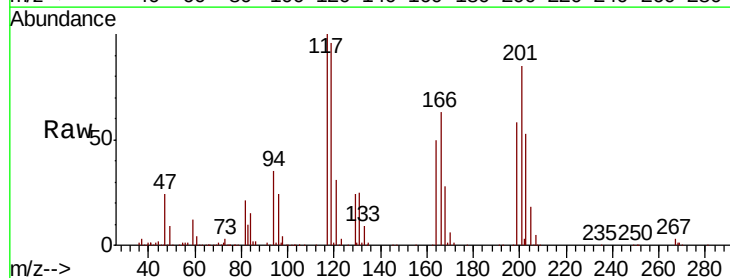
Acq: 09 Jan 2020 11:40

Tgt Ion: 117 Resp: 90704

Ion Ratio Lower Upper

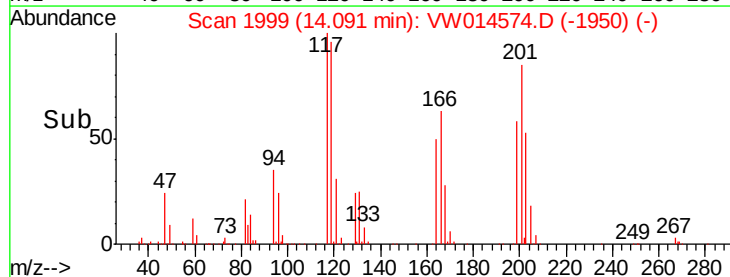
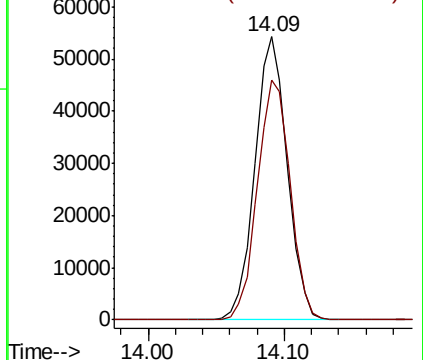
117 100

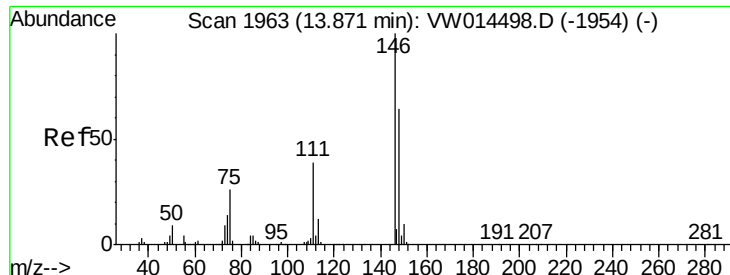
201 85.8 43.0 128.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 21.149 ug/l

RT: 13.87 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VW014574.D

Acq: 09 Jan 2020 11:40

Instrument :

MSVOA_W

ClientSampleId :

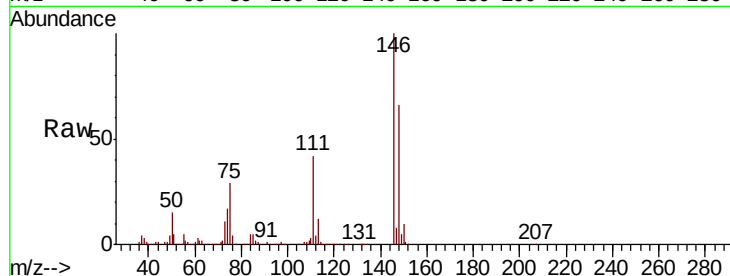
Tot Ion:146 Resp: 233702

Ion Ratio Lower Upper

146 100

111 40.7 20.4 61.3

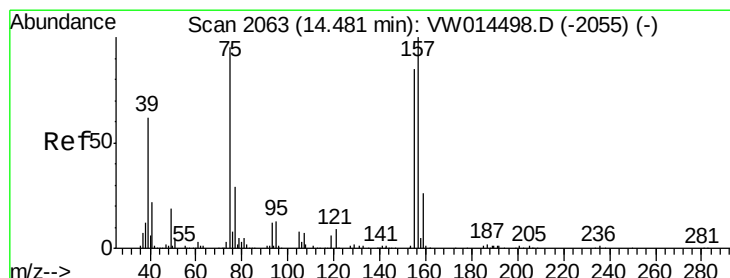
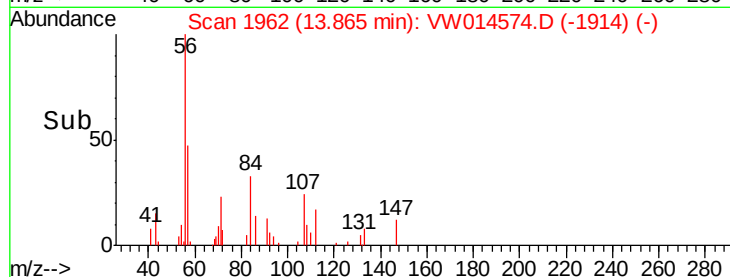
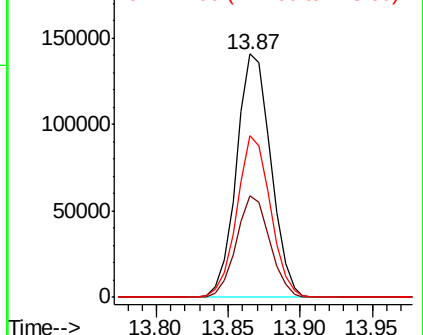
148 64.7 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.407 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. 0.00 min

Lab File: VW014574.D

Acq: 09 Jan 2020 11:40

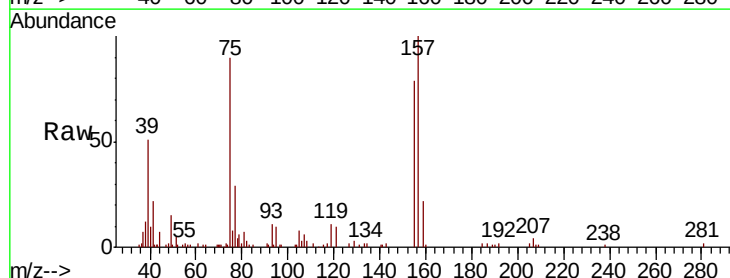
Tgt Ion: 75 Resp: 17033

Ion Ratio Lower Upper

75 100

155 87.8 45.8 137.4

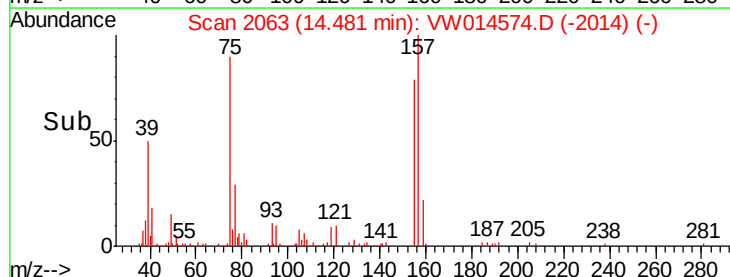
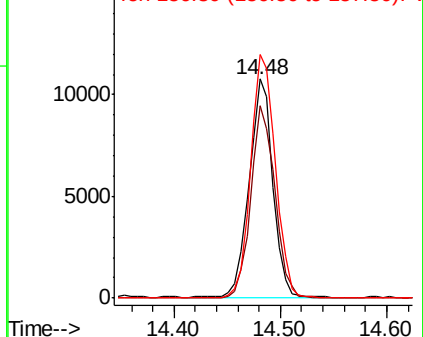
157 114.3 58.1 174.2

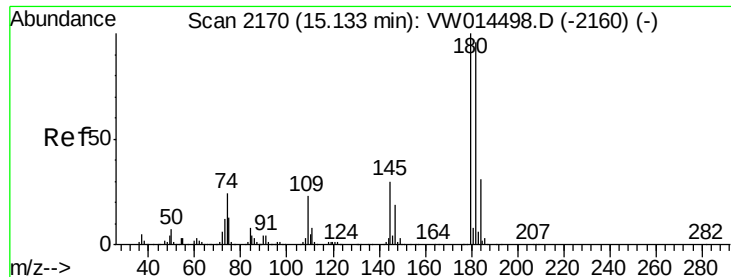


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

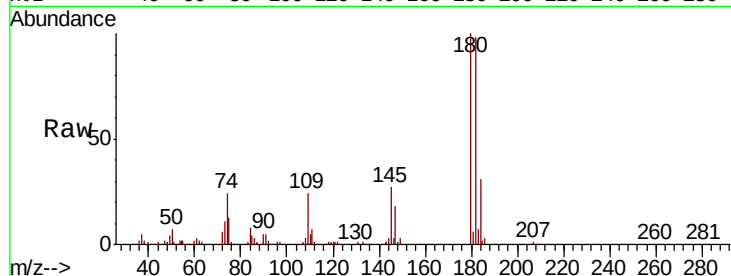




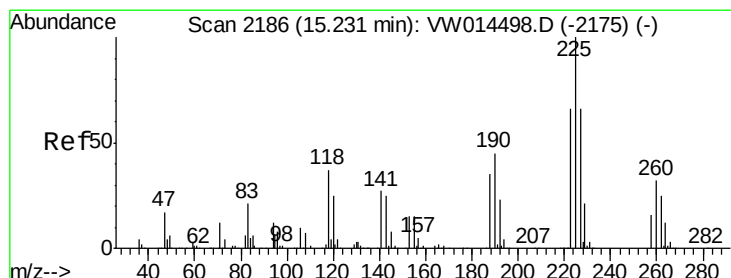
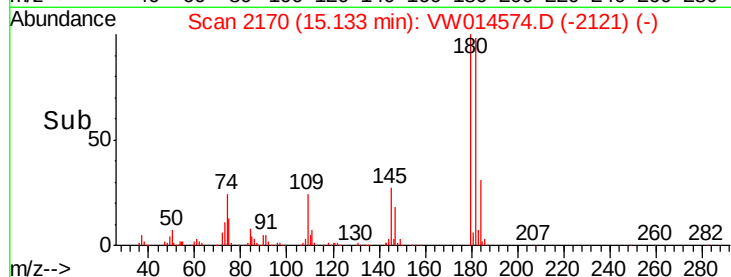
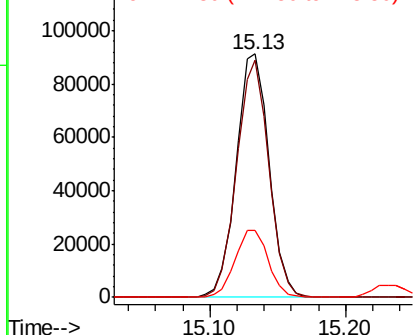
#93
1,2,4-Trichlorobenzene
Concen: 20.573 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VW014574.D
Acq: 09 Jan 2020 11:40

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:180 Resp: 153527
Ion Ratio Lower Upper
180 100
182 95.3 47.3 141.8
145 27.9 14.7 44.1

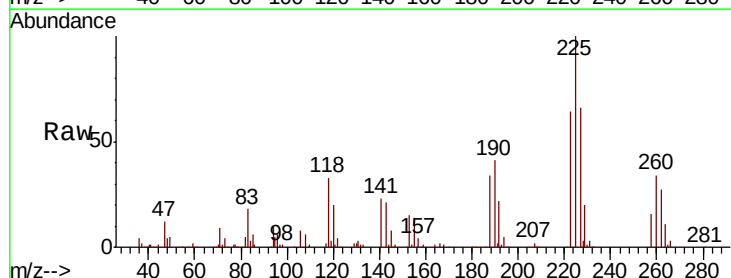


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

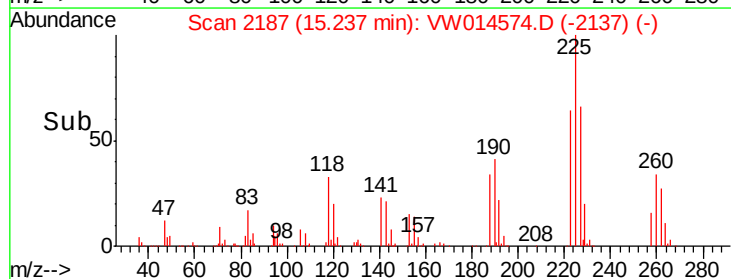
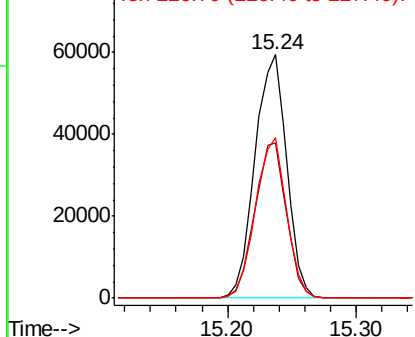


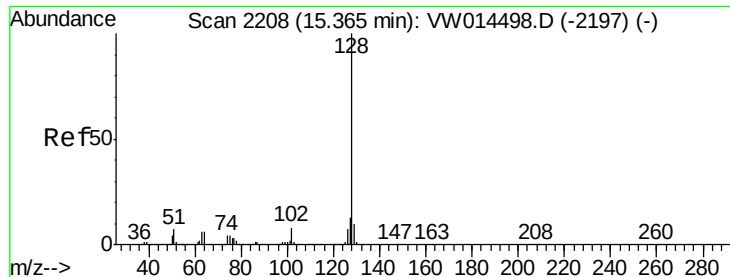
#94
Hexachlorobutadiene
Concen: 20.159 ug/l
RT: 15.24 min Scan# 2187
Delta R.T. 0.01 min
Lab File: VW014574.D
Acq: 09 Jan 2020 11:40

Tgt Ion:225 Resp: 100812
Ion Ratio Lower Upper
225 100
223 63.5 32.4 97.2
227 64.5 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

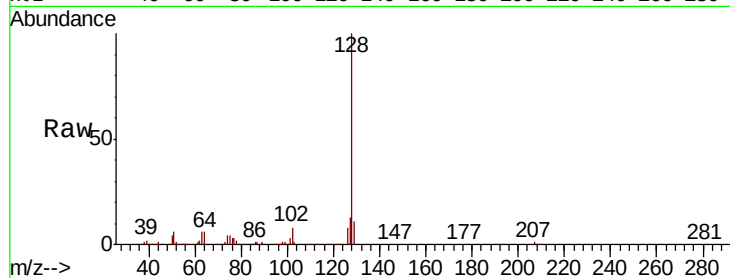




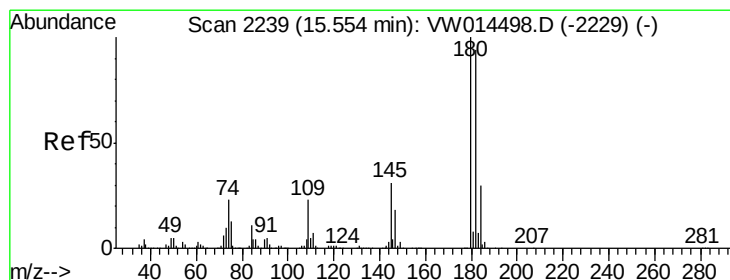
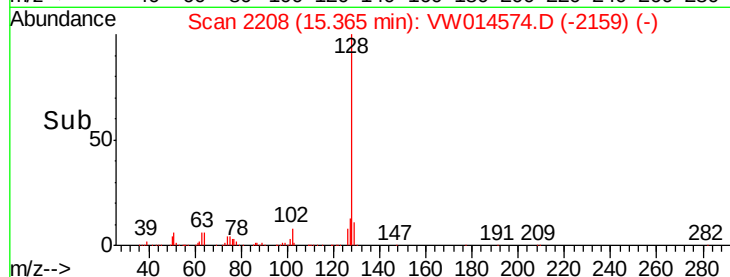
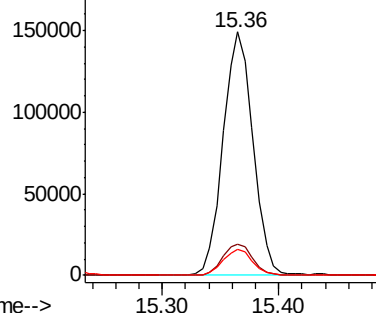
#95
Naphthalene
Concen: 20.888 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW014574.D
Acq: 09 Jan 2020 11:40

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 265831
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.6 8.7 13.1

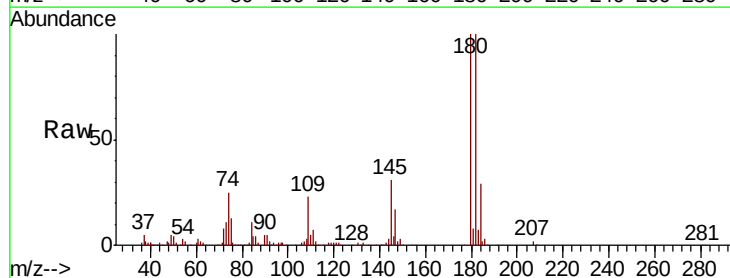


Abundance Ion 128.00 (127.70 to 128.70): V
200000
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.953 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW014574.D
Acq: 09 Jan 2020 11:40

Tgt Ion:180 Resp: 136290
Ion Ratio Lower Upper
180 100
182 97.9 47.4 142.2
145 31.0 15.5 46.5



Abundance Ion 179.80 (179.50 to 180.50): V
100000
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

