

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010820\
 Data File : VW014570.D
 Acq On : 08 Jan 2020 19:52
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 09 00:56:53 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	730014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1092220	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	946801	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	467044	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	292382	45.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.62%	
35) Dibromofluoromethane	7.88	113	302069	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
50) Toluene-d8	10.32	98	1250636	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
62) 4-Bromofluorobenzene	12.62	95	429578	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	177737	43.121	ug/l	100
3) Chloromethane	2.21	50	228240	45.239	ug/l	98
4) Vinyl Chloride	2.36	62	368742	49.691	ug/l	99
5) Bromomethane	2.78	94	231131	50.420	ug/l	98
6) Chloroethane	2.92	64	215284	50.894	ug/l	98
7) Trichlorofluoromethane	3.26	101	155358	41.844	ug/l	96
8) Diethyl Ether	3.67	74	184330	49.898	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	342108	49.315	ug/l	98
10) Methyl Iodide	4.27	142	531260	50.756	ug/l	99
11) Tert butyl alcohol	5.16	59	108345	217.145	ug/l	99
12) 1,1-Dichloroethene	4.04	96	366672	50.473	ug/l	97
13) Acrolein	3.89	56	150791	270.681	ug/l	98
14) Allyl chloride	4.66	41	544479	49.045	ug/l	99
15) Acrylonitrile	5.36	53	409764	242.670	ug/l	99
16) Acetone	4.11	43	394161	218.706	ug/l	100
17) Carbon Disulfide	4.39	76	1050129	47.960	ug/l	98
18) Methyl Acetate	4.66	43	204617	47.010	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	480066	53.235	ug/l	97
20) Methylene Chloride	4.91	84	384700	53.050	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	390618	50.639	ug/l	99
22) Diisopropyl ether	6.31	45	1063667	51.188	ug/l	99
23) Vinyl Acetate	6.24	43	3103809	247.358	ug/l	100
24) 1,1-Dichloroethane	6.21	63	660940	50.425	ug/l	99
25) 2-Butanone	7.17	43	540089	233.516	ug/l	98
26) 2,2-Dichloropropane	7.17	77	331535	45.686	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	416845	51.428	ug/l	99
28) Bromochloromethane	7.51	49	257129	50.037	ug/l	99
29) Tetrahydrofuran	7.52	42	334569	233.502	ug/l	98
30) Chloroform	7.67	83	618853	50.489	ug/l	98
31) Cyclohexane	7.95	56	635365	46.643	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	483727	49.070	ug/l	99
36) 1,1-Dichloropropene	8.07	75	527433	50.091	ug/l	99
37) Ethyl Acetate	7.24	43	224754	47.064	ug/l	99
38) Carbon Tetrachloride	8.07	117	447964	49.038	ug/l	99

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	672339	49.756	ug/l	100
40) Benzene	8.32	78	1519639	51.009	ug/l	99
41) Methacrylonitrile	7.48	41	142763	53.630	ug/l	92
42) 1,2-Dichloroethane	8.40	62	378712	48.985	ug/l	100
43) Isopropyl Acetate	8.42	43	429381	49.515	ug/l	100
44) Trichloroethene	9.09	130	414101	51.368	ug/l	95
45) 1,2-Dichloropropane	9.37	63	372560	50.962	ug/l	99
46) Dibromomethane	9.45	93	178943	49.582	ug/l	98
47) Bromodichloromethane	9.64	83	453197	50.863	ug/l	99
48) Methyl methacrylate	9.43	41	210510	49.720	ug/l	99
49) 1,4-Dioxane	9.44	88	60827	901.126	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	1101420	244.584	ug/l	99
52) Toluene	10.38	92	965085	51.492	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	468353	50.767	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	581235	51.550	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	265040	50.284	ug/l	99
56) Ethyl methacrylate	10.64	69	362647	52.941	ug/l	99
57) 1,3-Dichloropropane	10.93	76	466555	50.363	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	541845	260.087	ug/l	100
59) 2-Hexanone	10.96	43	779757	251.281	ug/l	99
60) Dibromochloromethane	11.13	129	301583	50.711	ug/l	98
61) 1,2-Dibromoethane	11.23	107	250920	50.151	ug/l	99
64) Tetrachloroethene	10.86	164	356755	52.047	ug/l	97
65) Chlorobenzene	11.65	112	997223	51.411	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	340059	52.069	ug/l	99
67) Ethyl Benzene	11.73	91	1815317	51.931	ug/l	100
68) m/p-Xylenes	11.83	106	1392286	104.068	ug/l	98
69) o-Xylene	12.16	106	648113	52.445	ug/l	100
70) Styrene	12.18	104	1129045	54.015	ug/l	99
71) Bromoform	12.35	173	181546	50.963	ug/l #	97
73) Isopropylbenzene	12.46	105	1757763	51.292	ug/l	99
74) N-amyl acetate	12.27	43	389741	50.722	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	303183	49.015	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	383852	86.926	ug/l #	100
77) Bromobenzene	12.74	156	410001	51.512	ug/l	98
78) n-propylbenzene	12.80	91	2091069	51.891	ug/l	100
79) 2-Chlorotoluene	12.89	91	1176523	51.304	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1495775	51.984	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	97901	49.397	ug/l	99
82) 4-Chlorotoluene	12.99	91	1226326	51.472	ug/l	100
83) tert-Butylbenzene	13.20	119	1317420	52.295	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	1496493	52.263	ug/l	99
85) sec-Butylbenzene	13.38	105	1816465	52.092	ug/l	100
86) p-Isopropyltoluene	13.49	119	1677242	52.769	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	785789	50.770	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	783950	51.305	ug/l	99
89) n-Butylbenzene	13.82	91	1573408	53.307	ug/l	100
90) Hexachloroethane	14.09	117	279241	50.291	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	701010	51.531	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	47806	48.805	ug/l	93

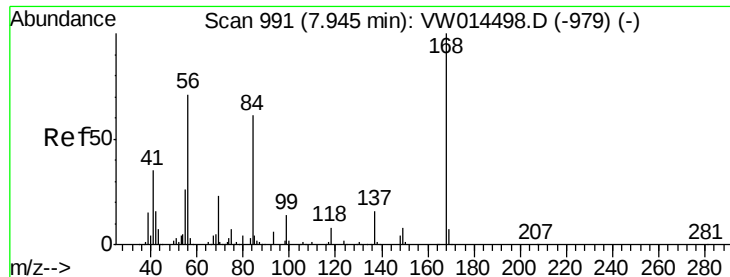
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Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	510414	55.562	ug/l	98
94) Hexachlorobutadiene	15.23	225	317867	51.633	ug/l	99
95) Naphthalene	15.36	128	897919	57.312	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	449402	56.123	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

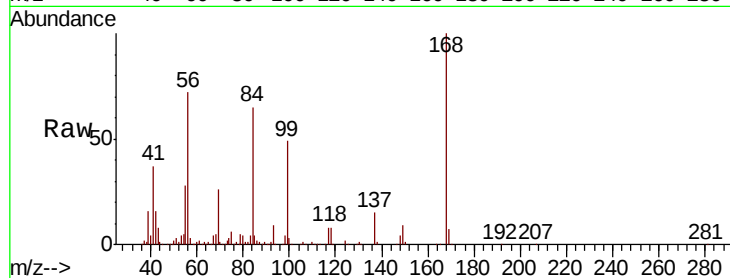
ClientSampleId :

Tot Ion:168 Resp: 730014

Ion Ratio Lower Upper

168 100

99 49.1 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

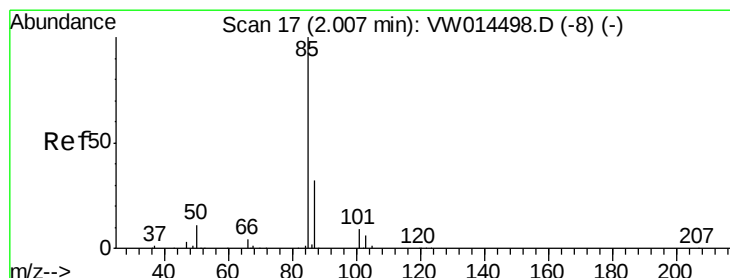
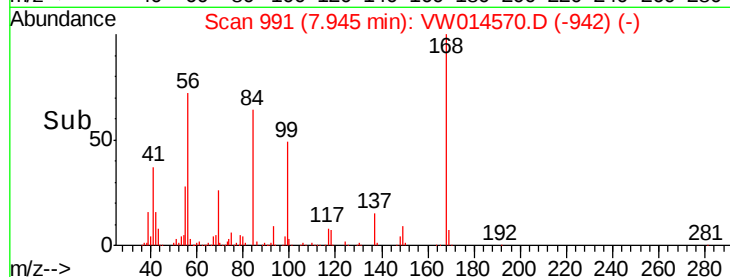
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 43.121 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW014570.D

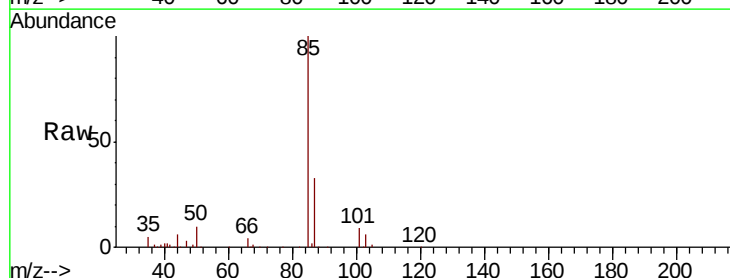
Acq: 08 Jan 2020 19:52

Tgt Ion: 85 Resp: 177737

Ion Ratio Lower Upper

85 100

87 32.5 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

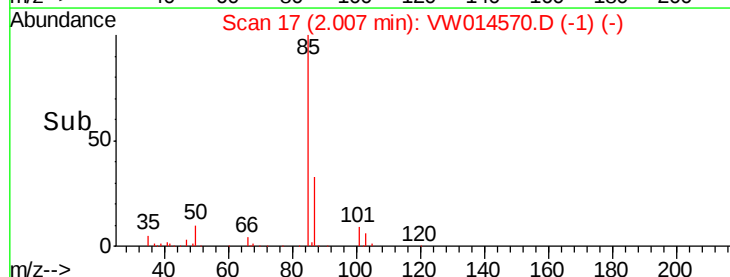
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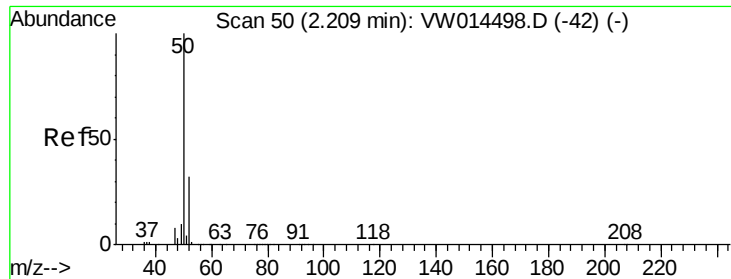
40000

20000

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Time-->





#3

Chloromethane

Concen: 45.239 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

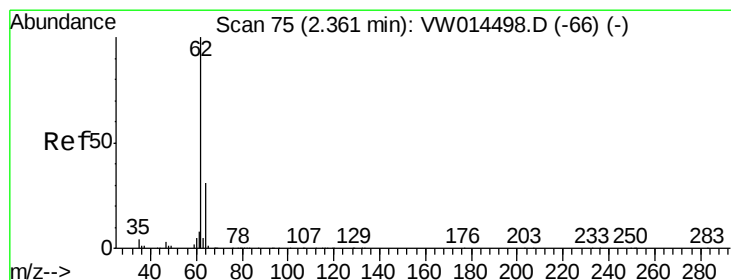
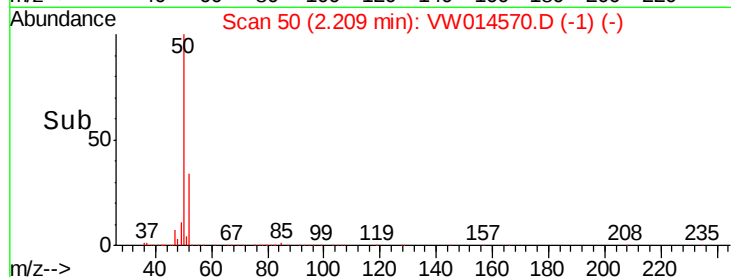
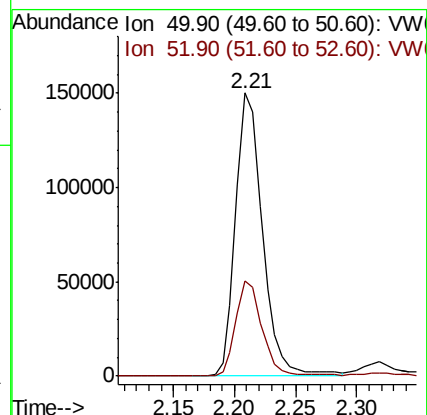
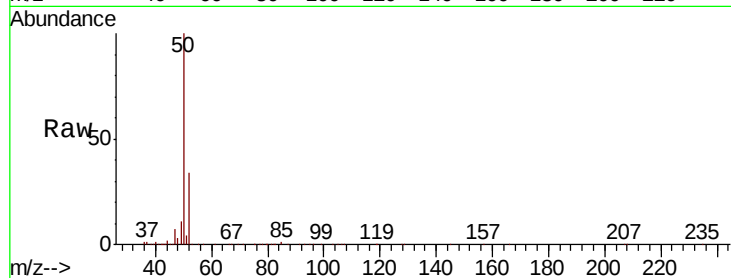
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 50 Resp: 228240

Ion Ratio Lower Upper

50 100

52 33.6 25.8 38.8



#4

Vinyl Chloride

Concen: 49.691 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW014570.D

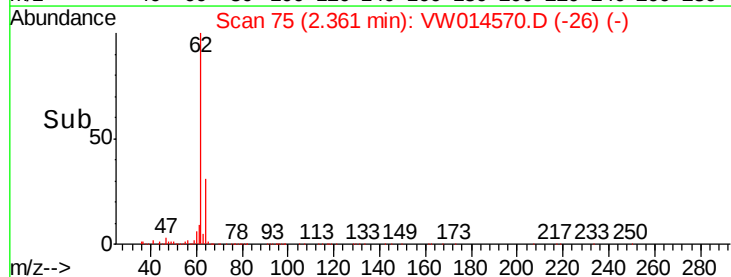
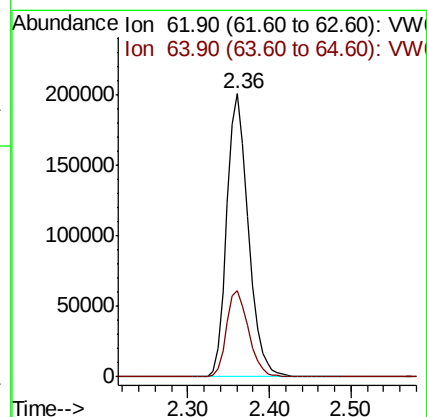
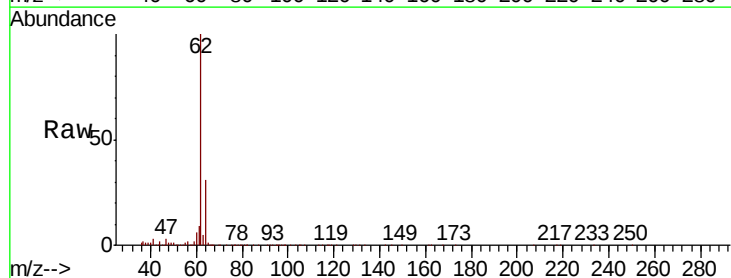
Acq: 08 Jan 2020 19:52

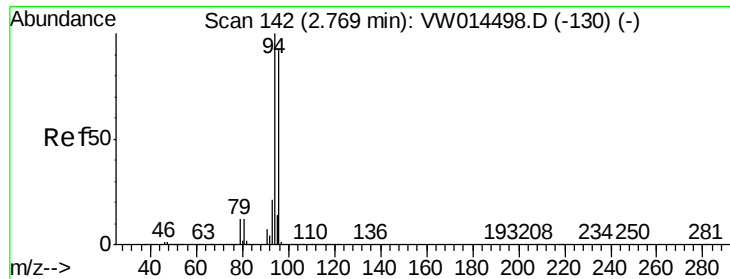
Tgt Ion: 62 Resp: 368742

Ion Ratio Lower Upper

62 100

64 30.6 25.0 37.4





#5

Bromomethane

Concen: 50.420 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

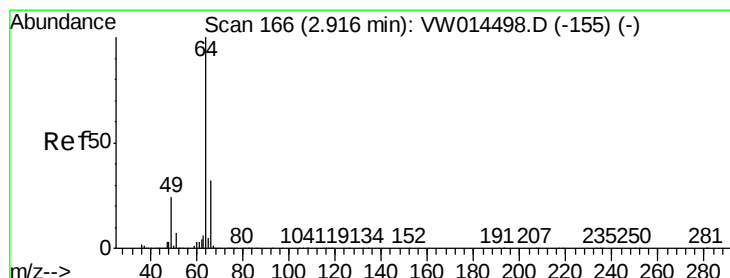
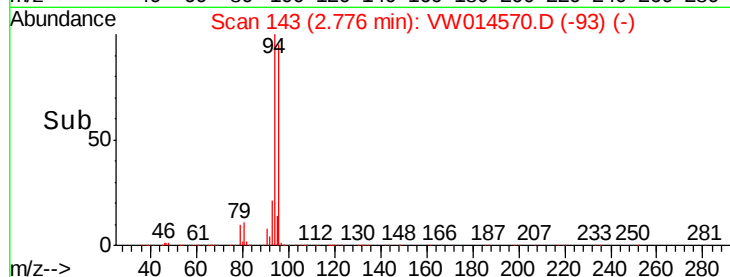
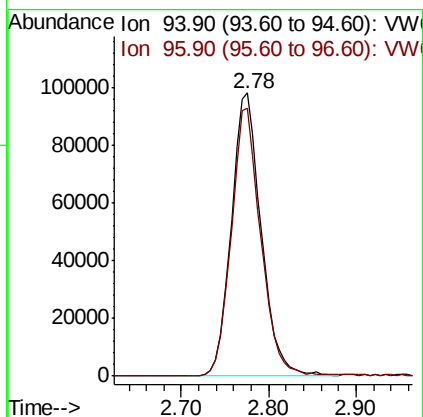
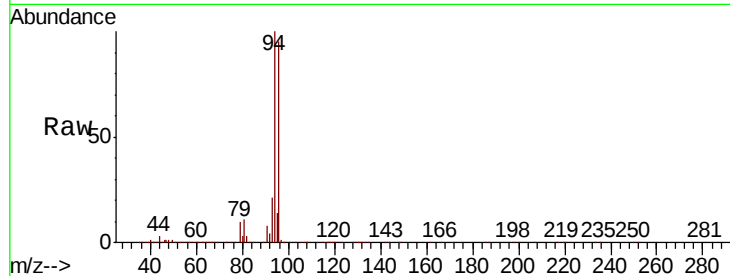
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 94 Resp: 231131

Ion Ratio Lower Upper

94 100

96 94.6 74.2 111.2



#6

Chloroethane

Concen: 50.894 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW014570.D

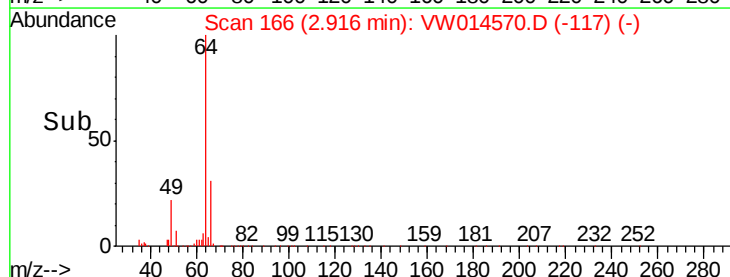
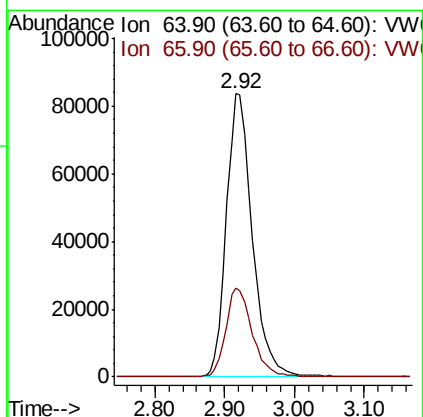
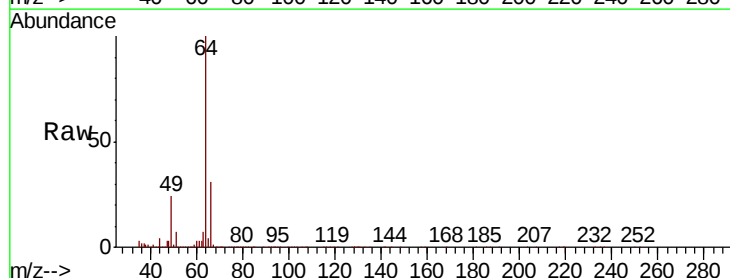
Acq: 08 Jan 2020 19:52

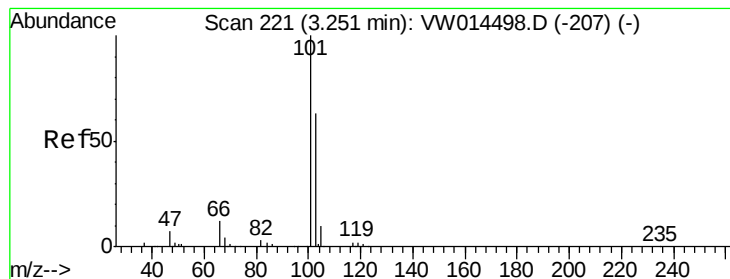
Tgt Ion: 64 Resp: 215284

Ion Ratio Lower Upper

64 100

66 31.1 25.7 38.5



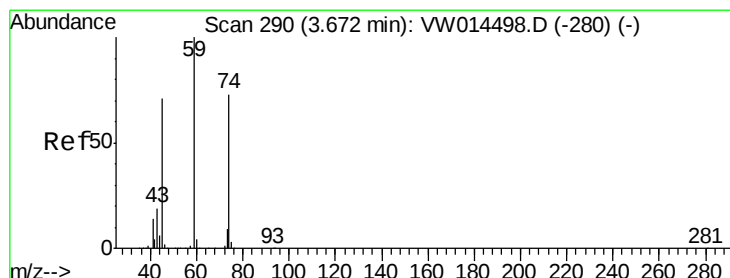
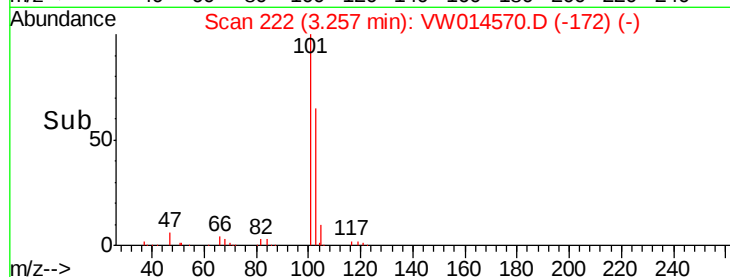
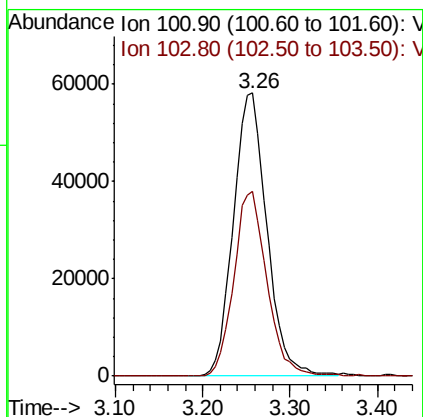
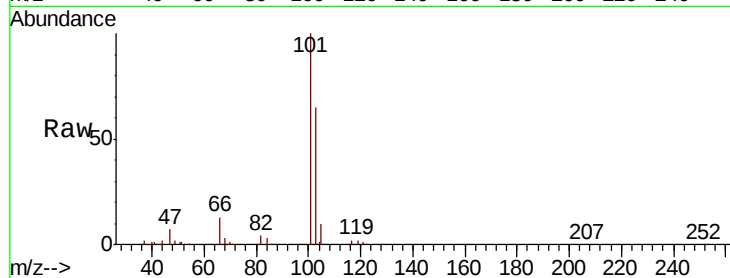


#7

Trichlorofluoromethane
Concen: 41.844 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.01 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Instrument :
MSVOA_W
ClientSampled :

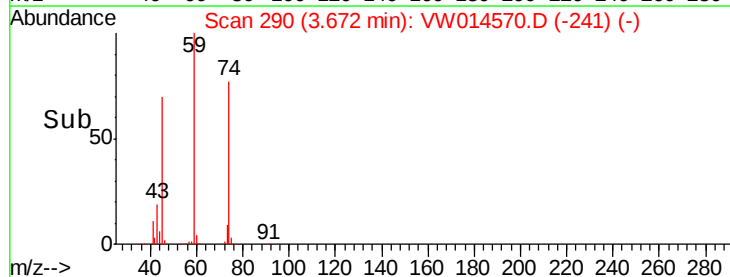
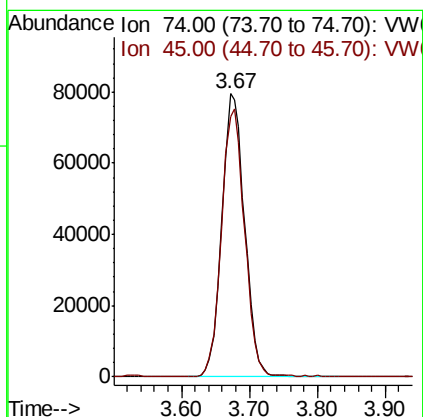
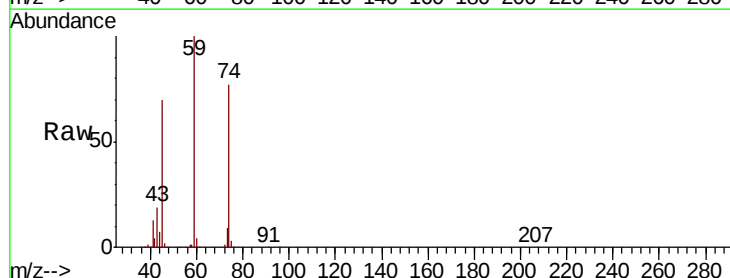
Tot Ion:101 Resp: 155358
Ion Ratio Lower Upper
101 100
103 65.5 50.1 75.1

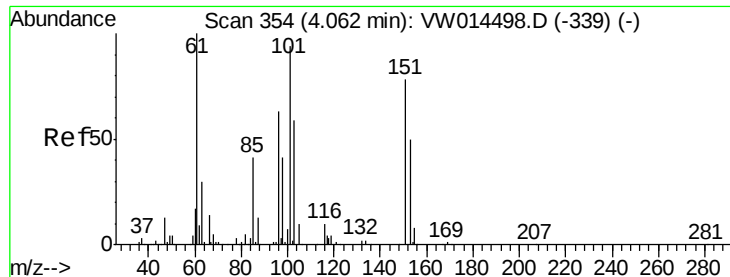


#8

Diethyl Ether
Concen: 49.898 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Tgt Ion: 74 Resp: 184330
Ion Ratio Lower Upper
74 100
45 95.7 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.315 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

ClientSampleId :

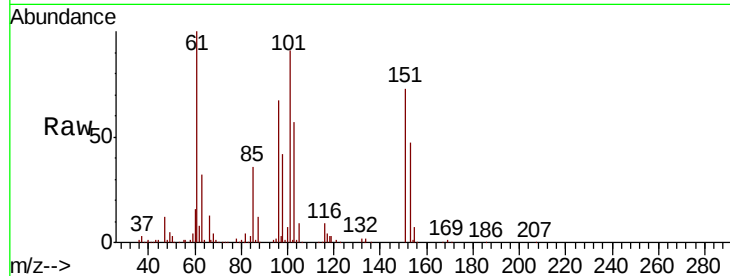
Tot Ion:101 Resp: 342108

Ion Ratio Lower Upper

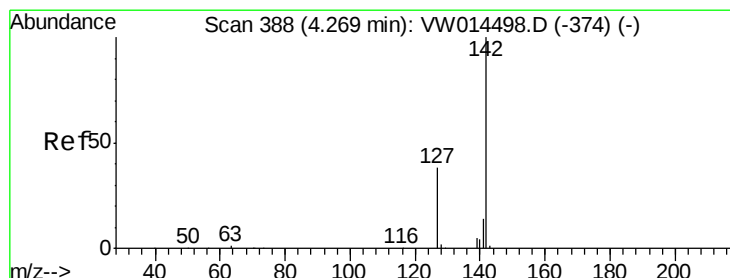
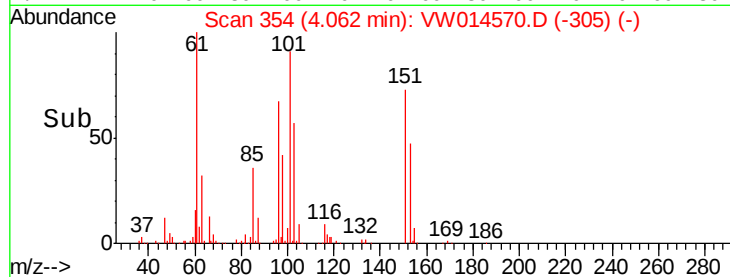
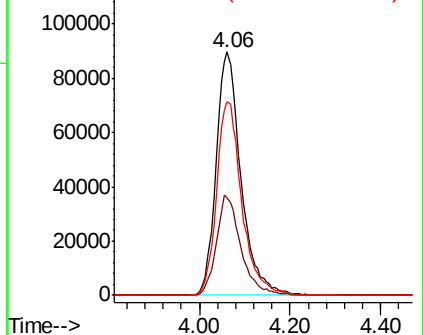
101 100

85 40.3 33.7 50.5

151 80.5 63.5 95.3



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



#10

Methyl Iodide

Concen: 50.756 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

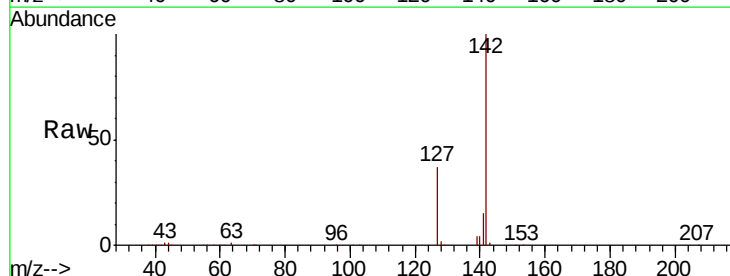
Tgt Ion:142 Resp: 531260

Ion Ratio Lower Upper

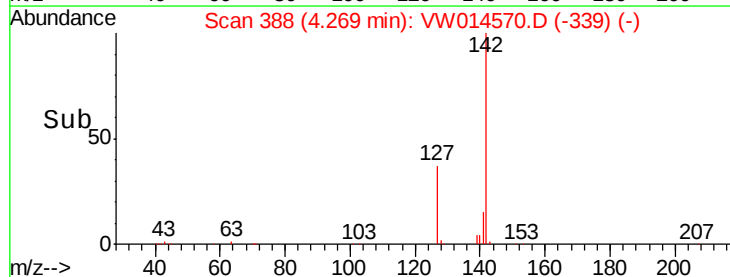
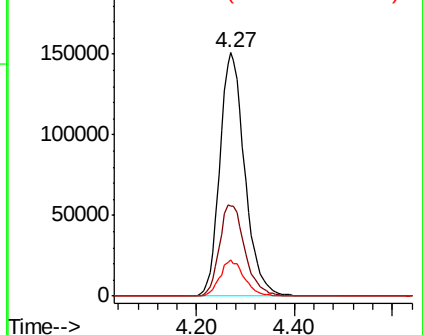
142 100

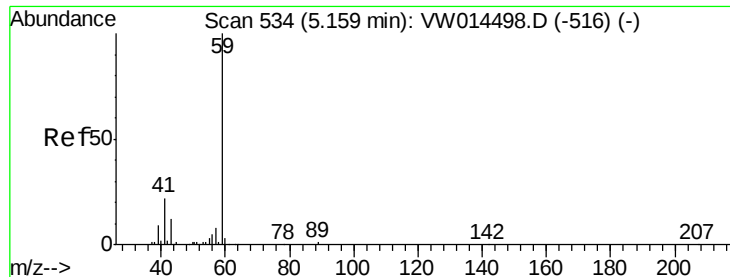
127 38.5 30.2 45.4

141 14.5 11.4 17.2



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



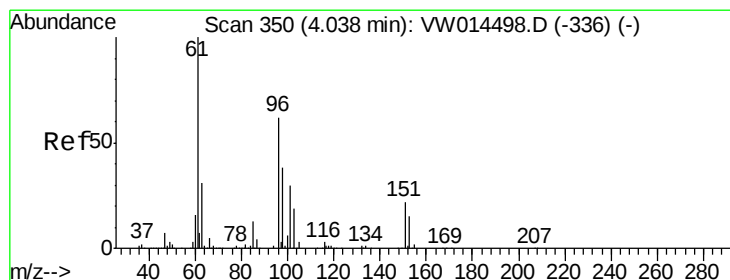
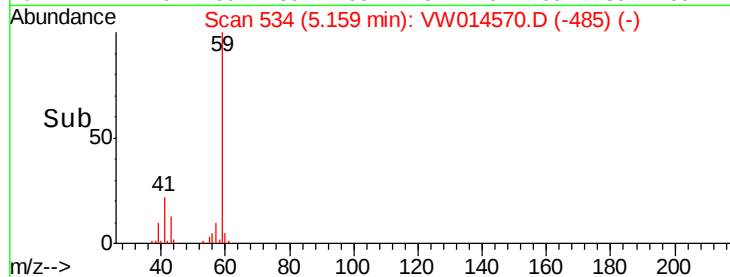
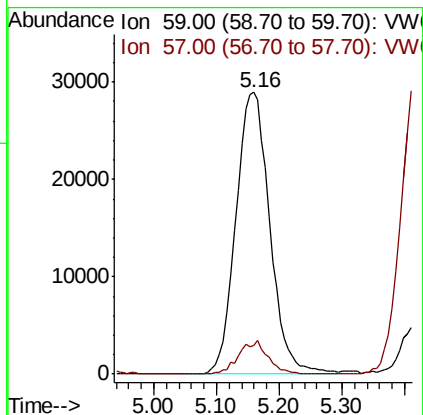
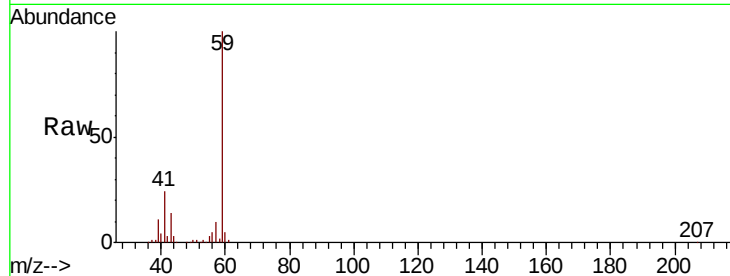


#11

Tert butyl alcohol
 Concen: 217.145 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: VW014570.D
 Acq: 08 Jan 2020 19:52

Instrument :
 MSVOA_W
 ClientSampleId :

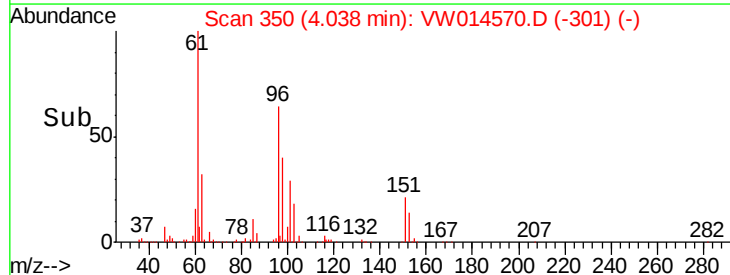
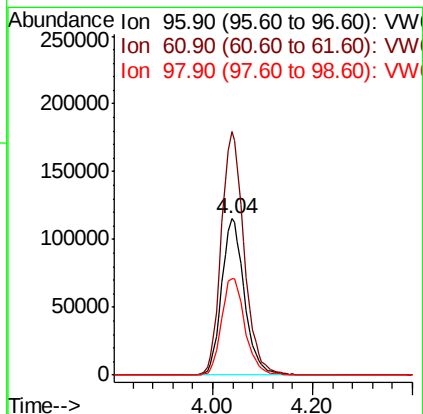
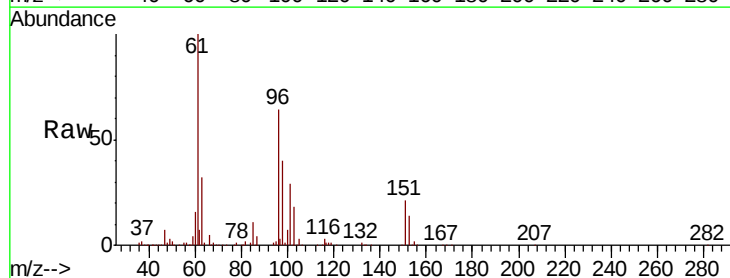
Tot Ion: 59 Resp: 108345
 Ion Ratio Lower Upper
 59 100
 57 10.2 7.8 11.8

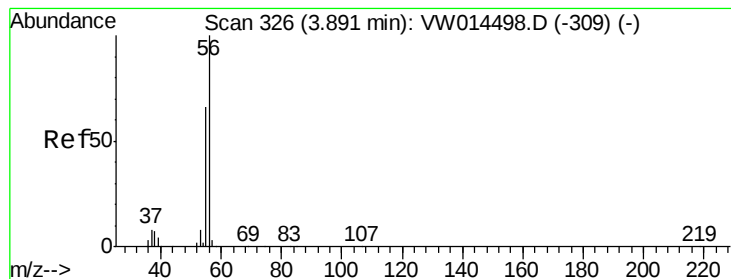


#12

1,1-Dichloroethene
 Concen: 50.473 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW014570.D
 Acq: 08 Jan 2020 19:52

Tgt Ion: 96 Resp: 366672
 Ion Ratio Lower Upper
 96 100
 61 156.0 128.4 192.6
 98 61.7 49.1 73.7





#13

Acrolein

Concen: 270.681 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

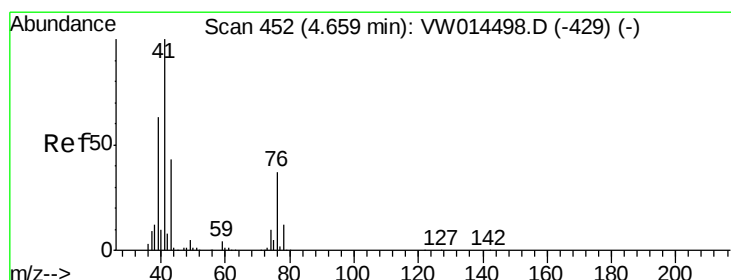
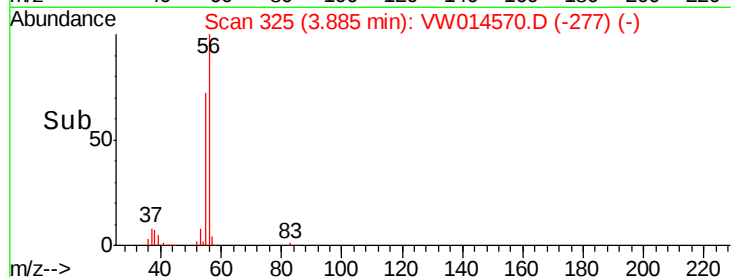
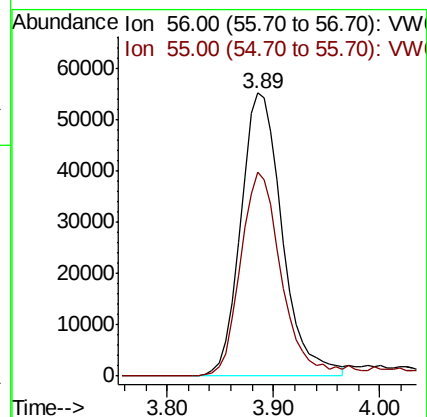
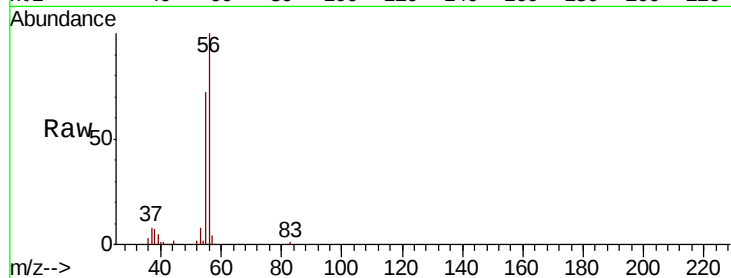
ClientSampled :

Tot Ion: 56 Resp: 150791

Ion Ratio Lower Upper

56 100

55 69.4 56.7 85.1



#14

Allyl chloride

Concen: 49.045 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

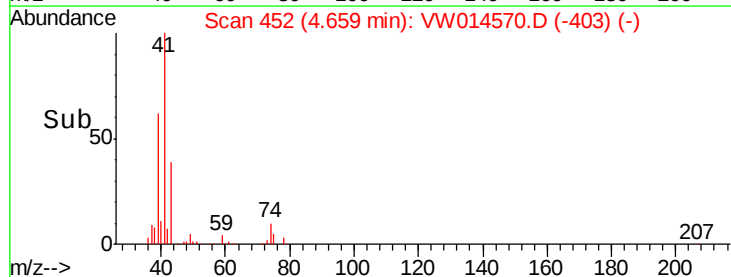
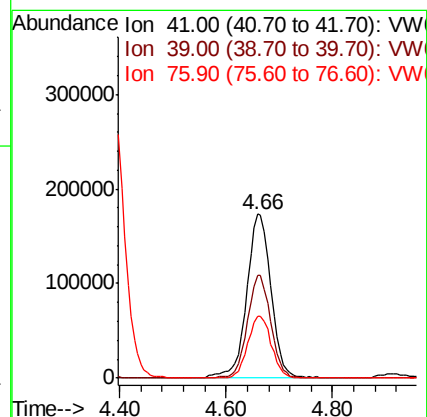
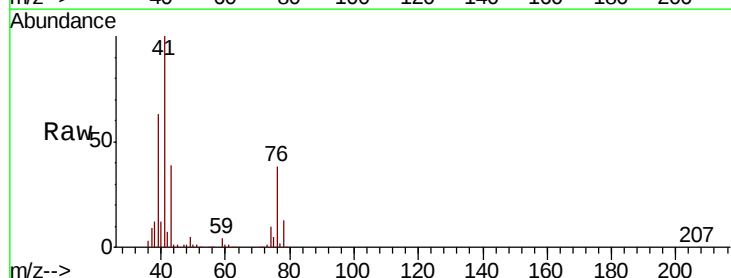
Tgt Ion: 41 Resp: 544479

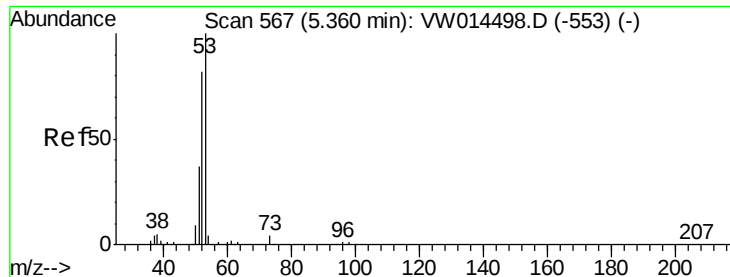
Ion Ratio Lower Upper

41 100

39 60.5 48.5 72.7

76 36.4 28.1 42.1





#15

Acrylonitrile

Concen: 242.670 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

ClientSampleId :

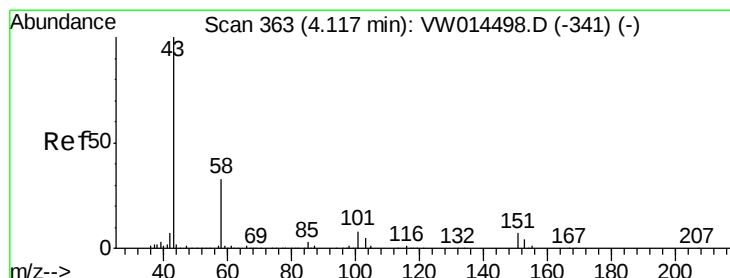
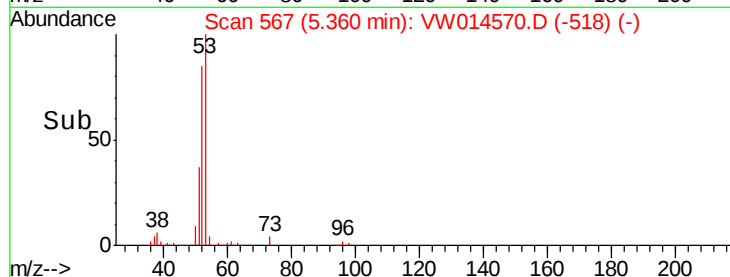
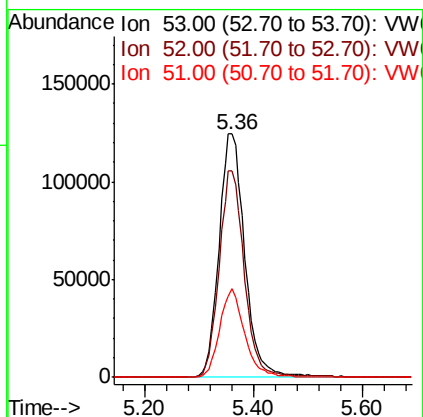
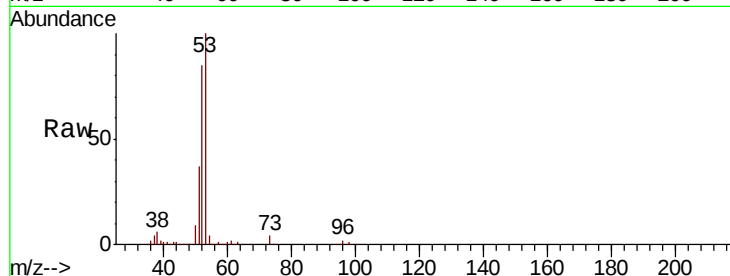
Tot Ion: 53 Resp: 409764

Ion Ratio Lower Upper

53 100

52 82.1 66.5 99.7

51 35.3 28.4 42.6



#16

Acetone

Concen: 218.706 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW014570.D

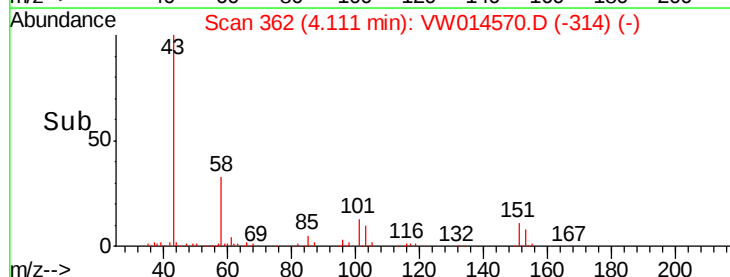
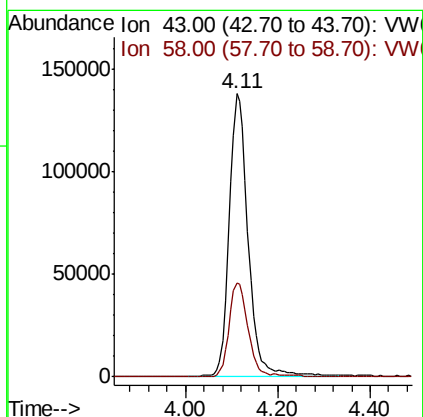
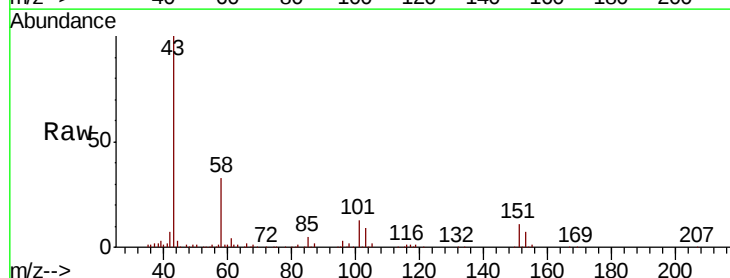
Acq: 08 Jan 2020 19:52

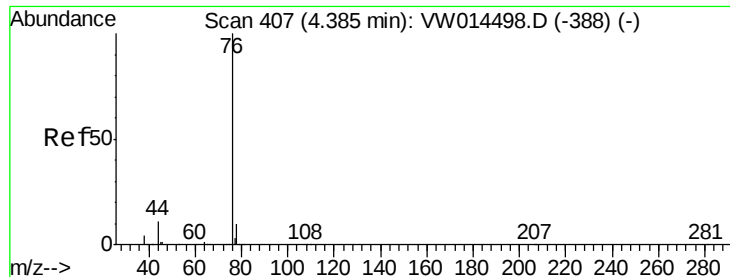
Tgt Ion: 43 Resp: 394161

Ion Ratio Lower Upper

43 100

58 33.0 26.6 39.8





#17

Carbon Disulfide

Concen: 47.960 ug/l

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

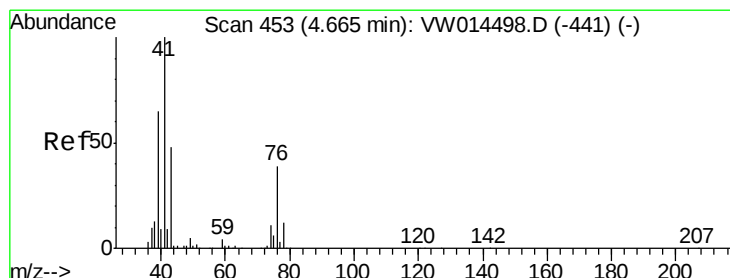
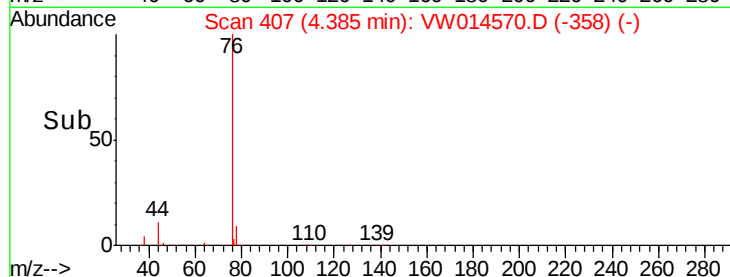
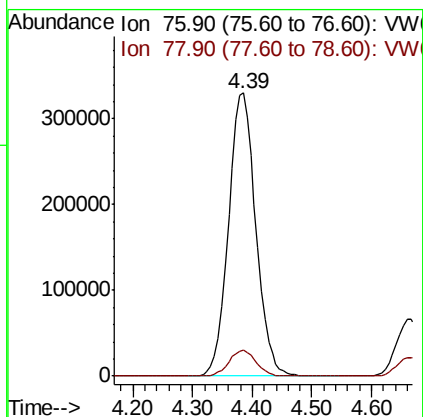
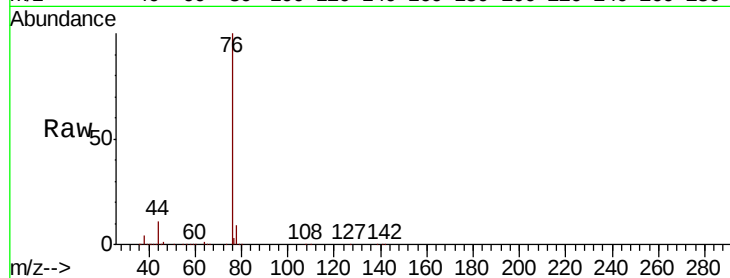
ClientSampled :

Tot Ion: 76 Resp: 1050129

Ion Ratio Lower Upper

76 100

78 9.1 7.8 11.6



#18

Methyl Acetate

Concen: 47.010 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW014570.D

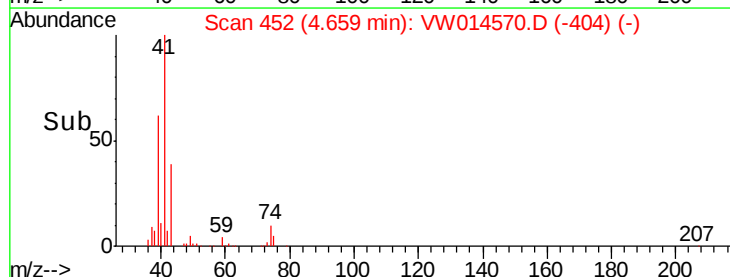
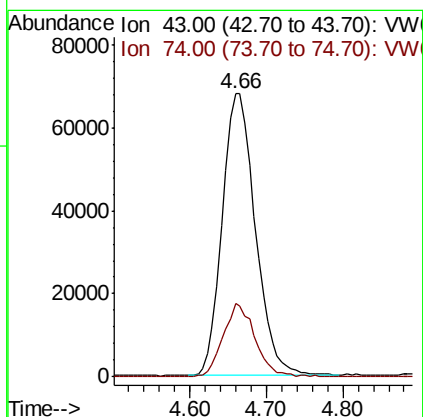
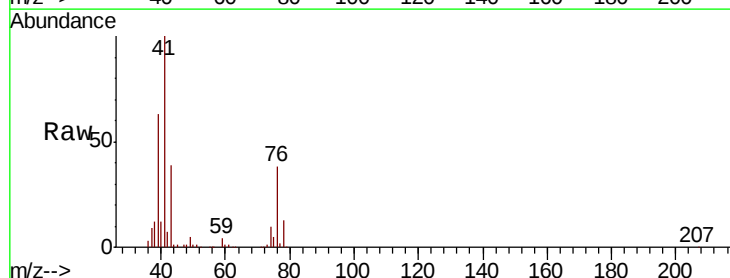
Acq: 08 Jan 2020 19:52

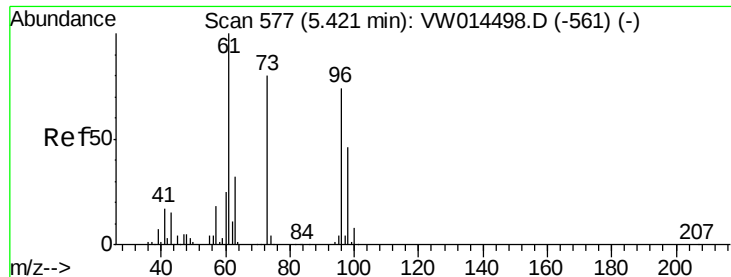
Tgt Ion: 43 Resp: 204617

Ion Ratio Lower Upper

43 100

74 25.0 19.3 28.9



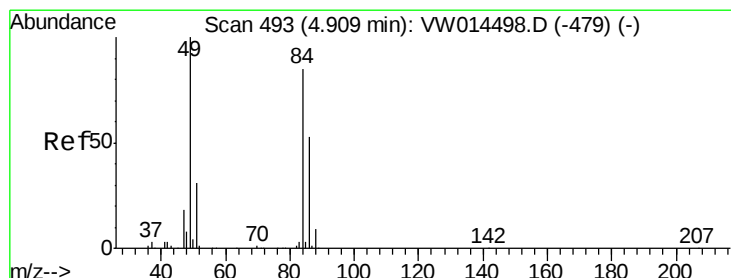
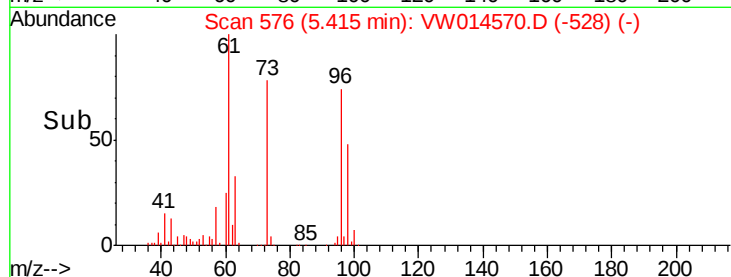
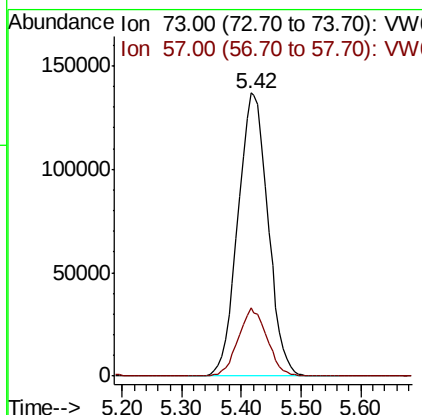
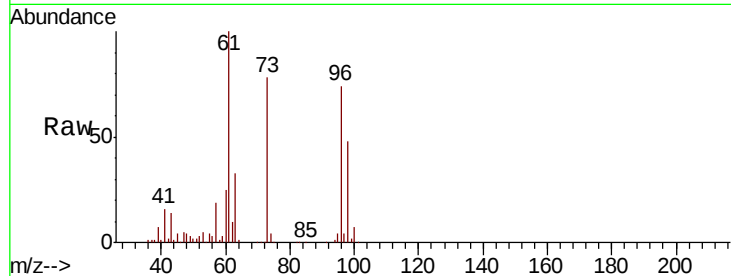


#19

Methyl tert-butyl Ether
 Concen: 53.235 ug/l
 RT: 5.42 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: VW014570.D
 Acq: 08 Jan 2020 19:52

Instrument :
 MSVOA_W
 ClientSampled :

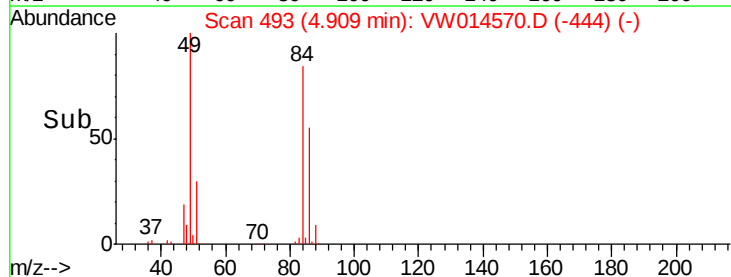
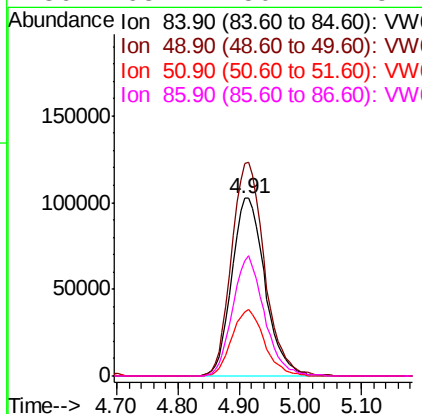
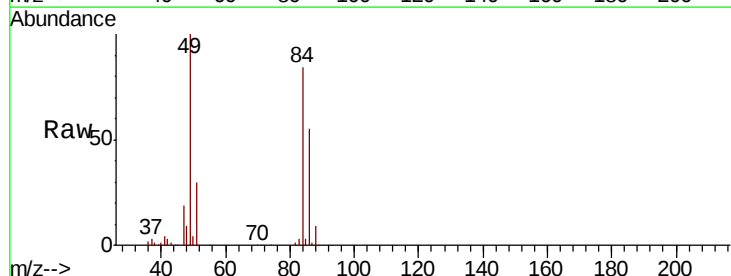
Tot Ion: 73 Resp: 480066
 Ion Ratio Lower Upper
 73 100
 57 24.0 18.1 27.1

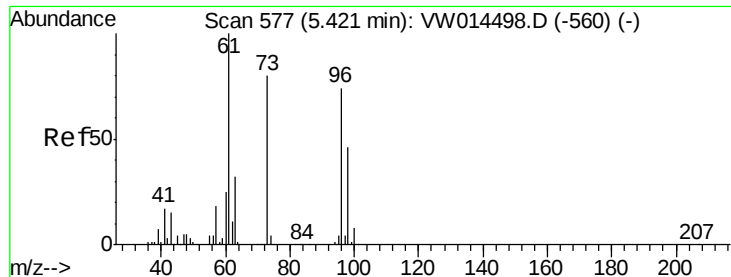


#20

Methylene Chloride
 Concen: 53.050 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: VW014570.D
 Acq: 08 Jan 2020 19:52

Tgt Ion: 84 Resp: 384700
 Ion Ratio Lower Upper
 84 100
 49 119.4 94.4 141.6
 51 36.0 29.5 44.3
 86 65.1 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 50.639 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

ClientSampled :

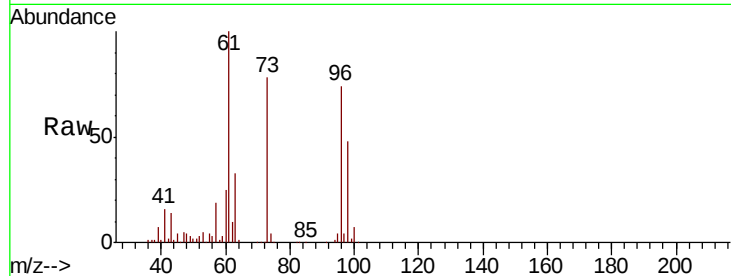
Tot Ion: 96 Resp: 390618

Ion Ratio Lower Upper

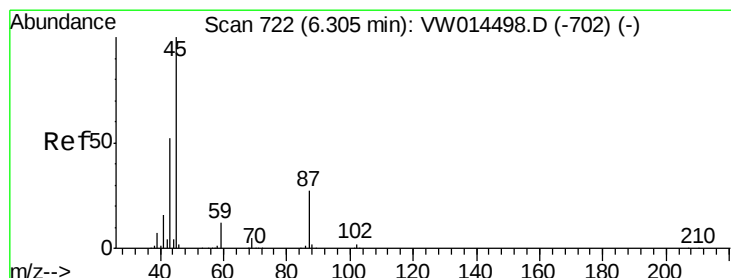
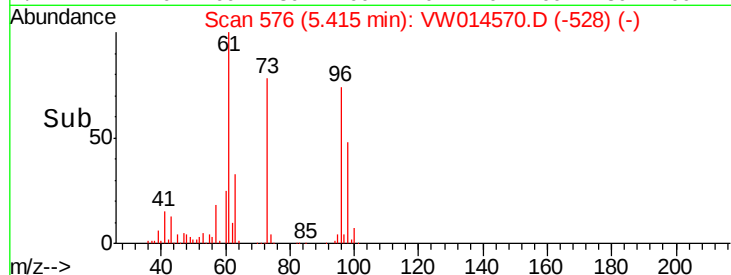
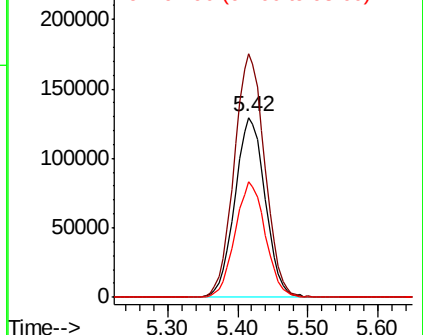
96 100

61 135.4 107.8 161.6

98 64.3 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: 51.188 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Tgt Ion: 45 Resp: 1063667

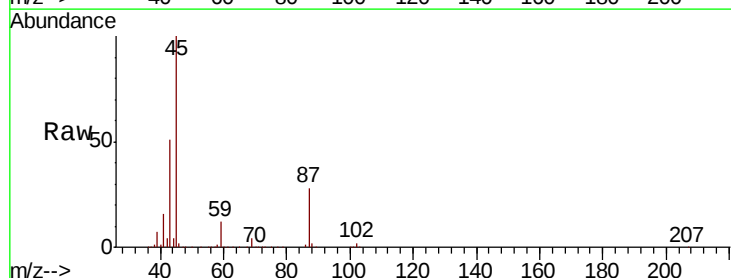
Ion Ratio Lower Upper

45 100

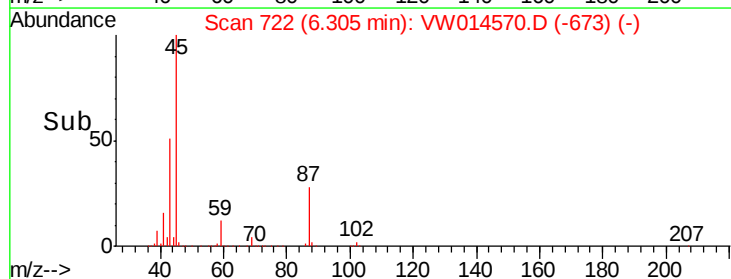
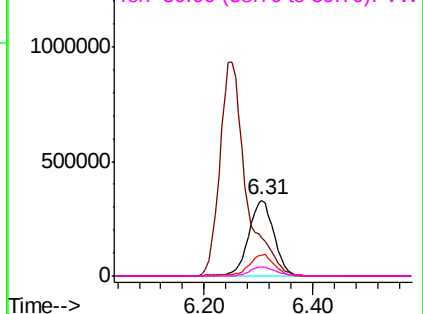
43 50.9 41.4 62.0

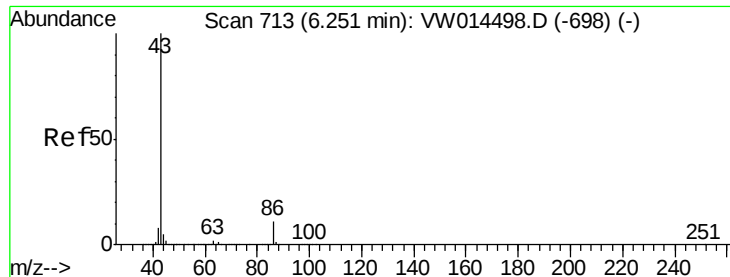
87 27.5 22.2 33.2

59 12.0 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: 247.358 ug/l

RT: 6.24 min Scan# 712

Delta R.T. -0.01 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

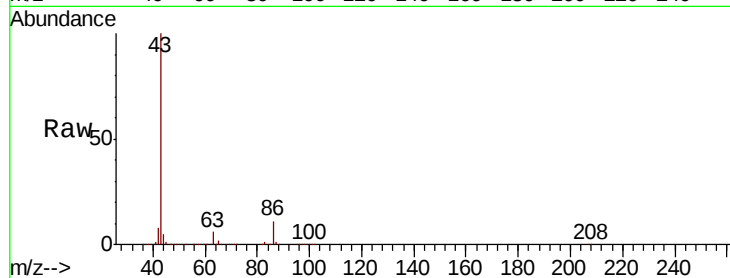
ClientSampleId :

Tot Ion: 43 Resp: 3103809

Ion Ratio Lower Upper

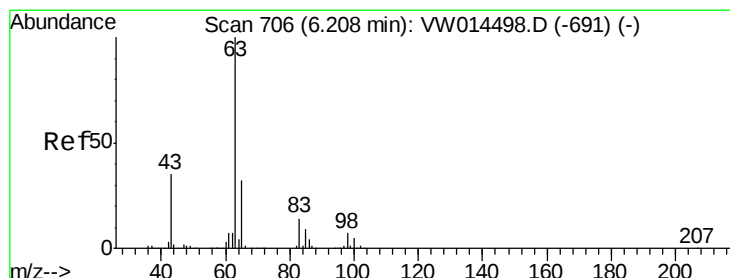
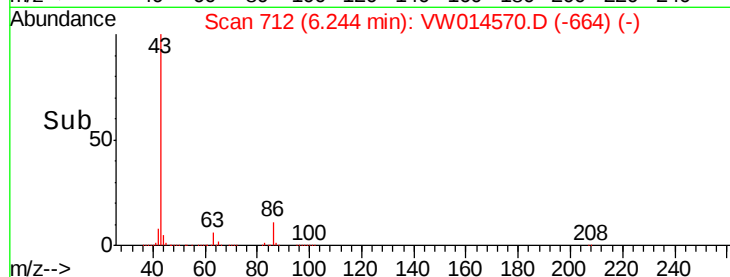
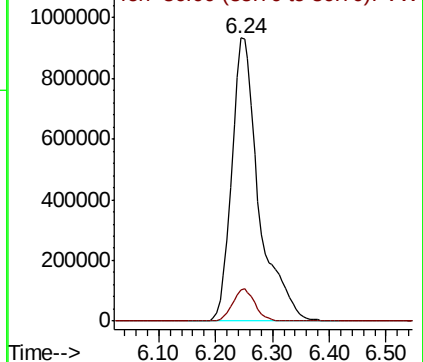
43 100

86 10.9 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: 50.425 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.01 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

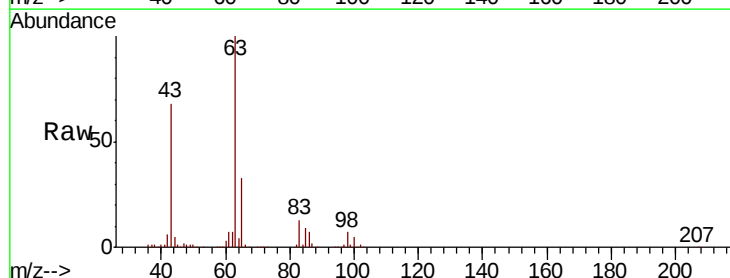
Tgt Ion: 63 Resp: 660940

Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

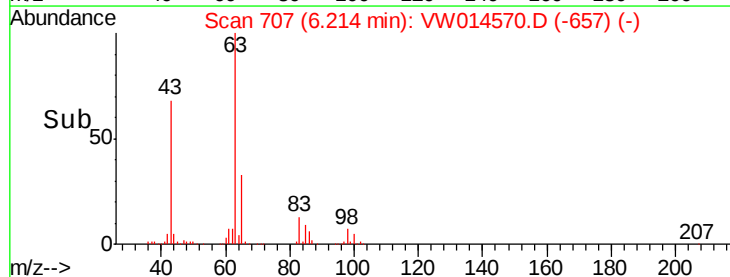
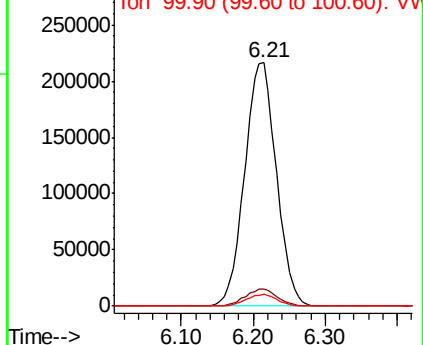
100 4.8 2.5 7.4

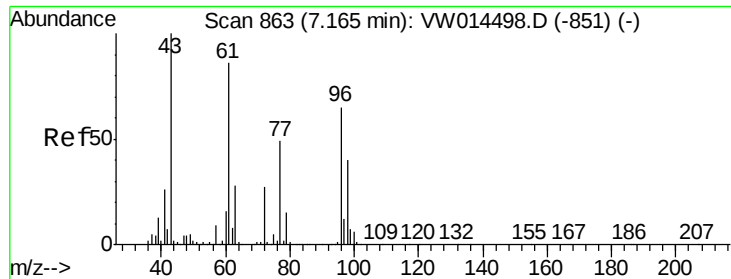


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 233.516 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

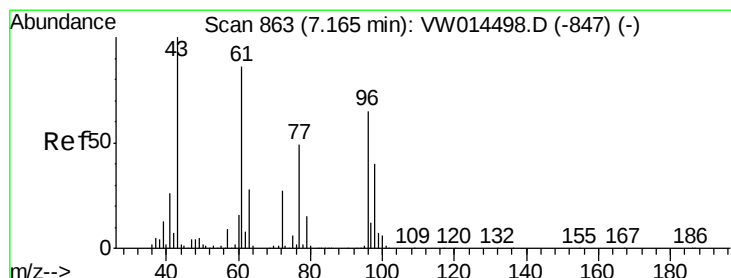
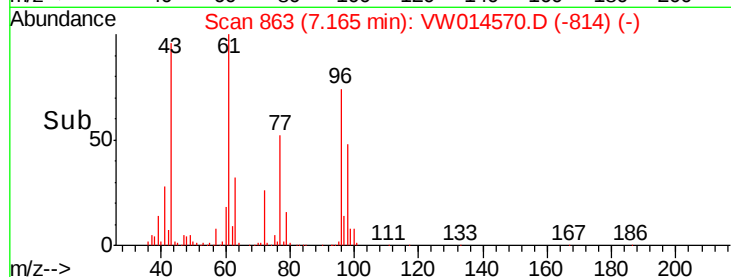
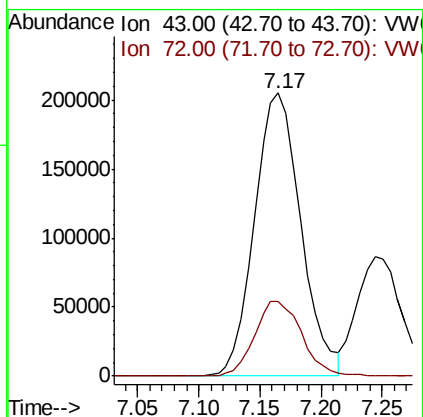
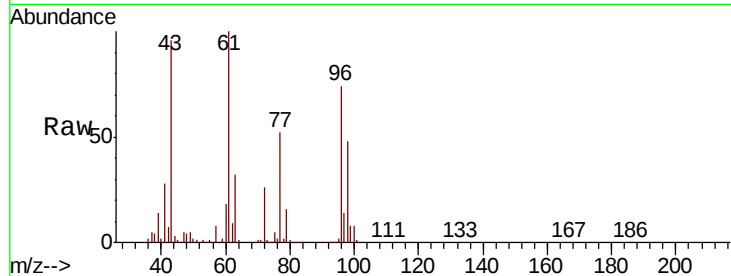
ClientSampled :

Tot Ion: 43 Resp: 540089

Ion Ratio Lower Upper

43 100

72 26.6 21.9 32.9



#26

2,2-Dichloropropane

Concen: 45.686 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW014570.D

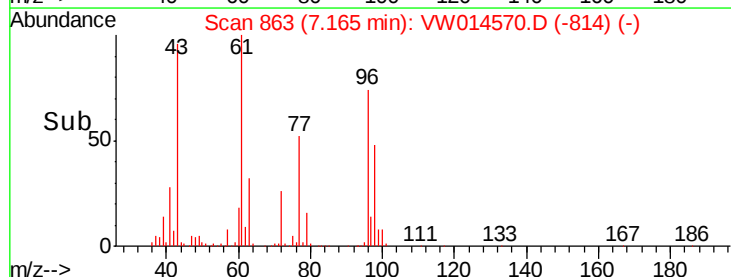
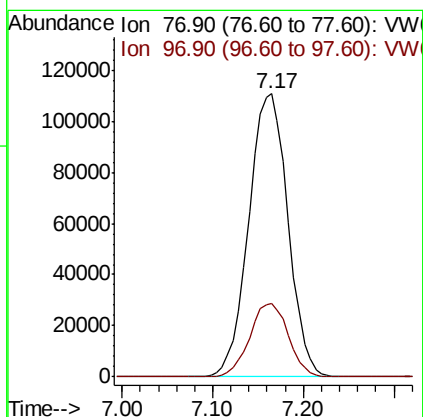
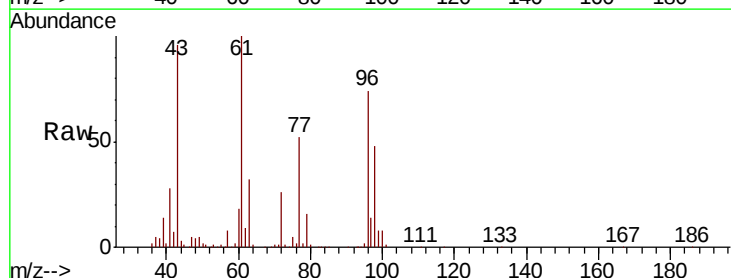
Acq: 08 Jan 2020 19:52

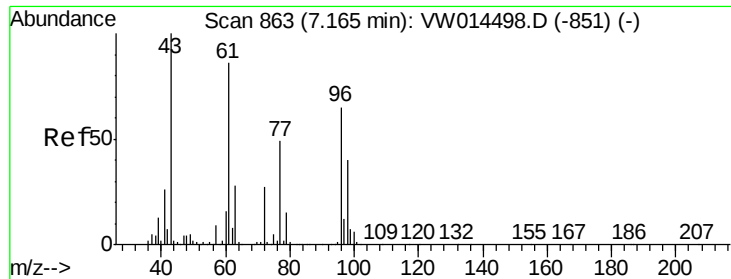
Tgt Ion: 77 Resp: 331535

Ion Ratio Lower Upper

77 100

97 25.6 12.5 37.5



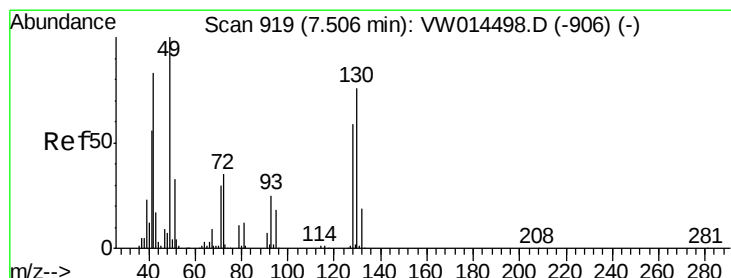
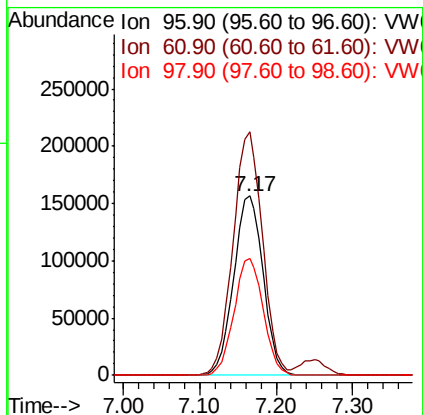
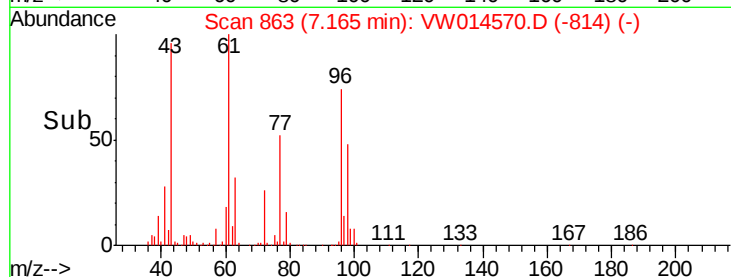
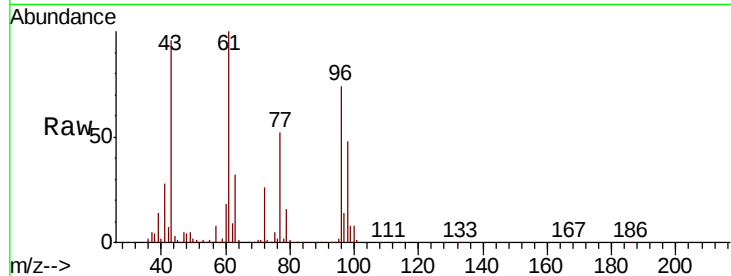


#27

cis-1,2-Dichloroethene
Concen: 51.428 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Instrument :
MSVOA_W
ClientSampled :

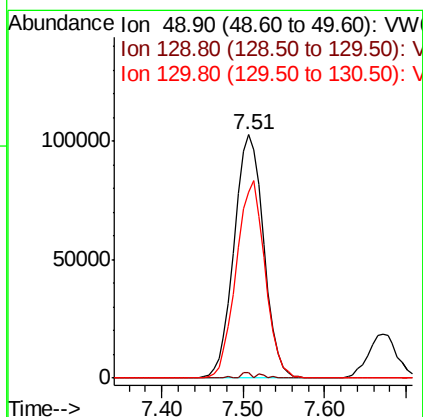
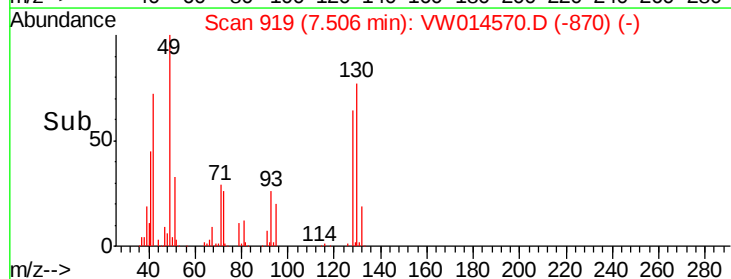
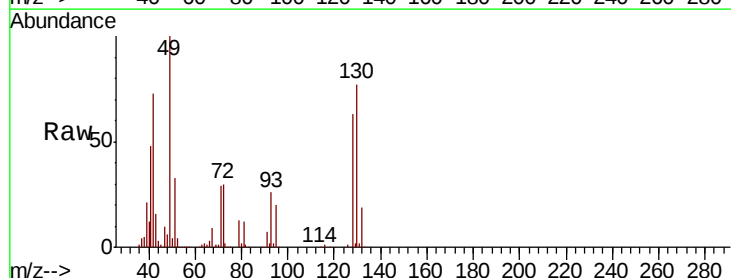
Tot Ion	Ratio	Lower	Upper
96	100		
61	136.1	0.0	274.8
98	64.6	0.0	128.6

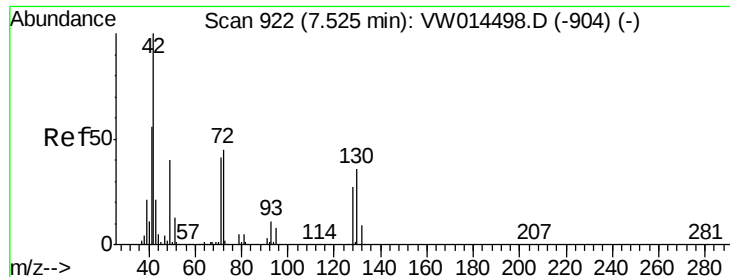


#28

Bromochloromethane
Concen: 50.037 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	2.0
130	79.4	62.5	93.7

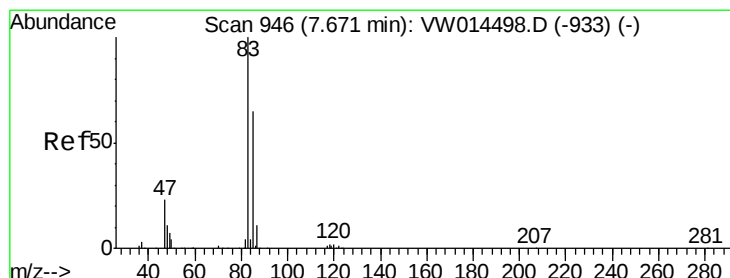
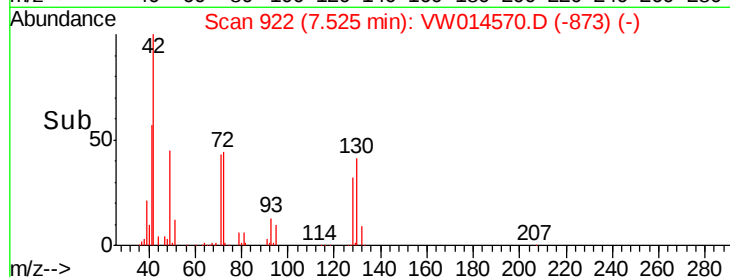
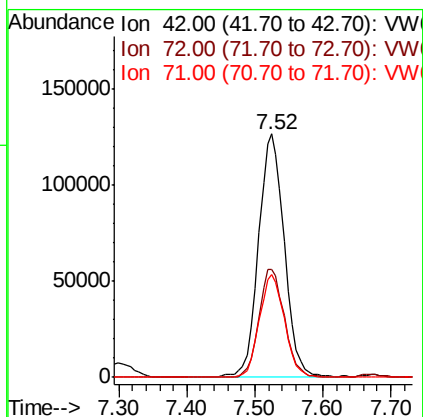
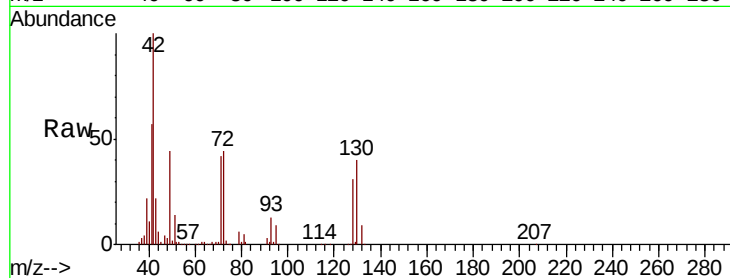




#29
Tetrahydrofuran
Concen: 233.502 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

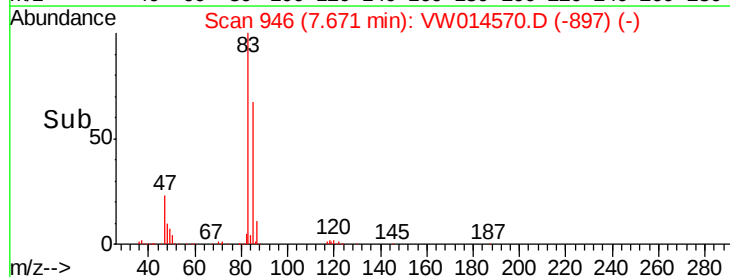
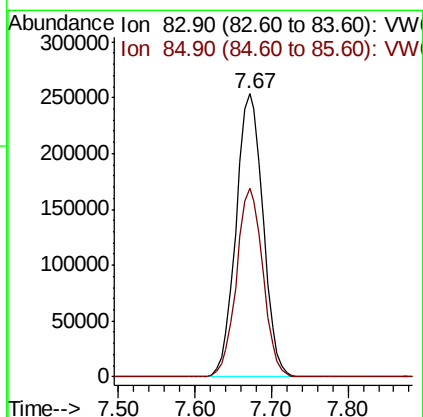
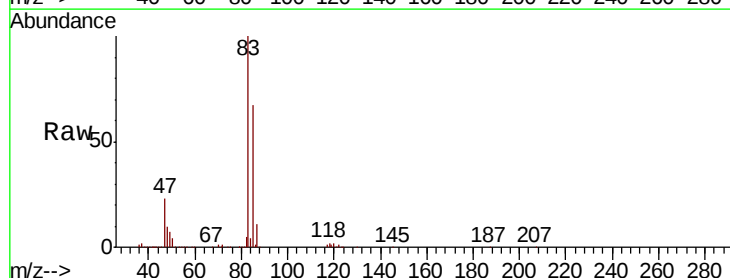
Instrument :
MSVOA_W
ClientSampleId :

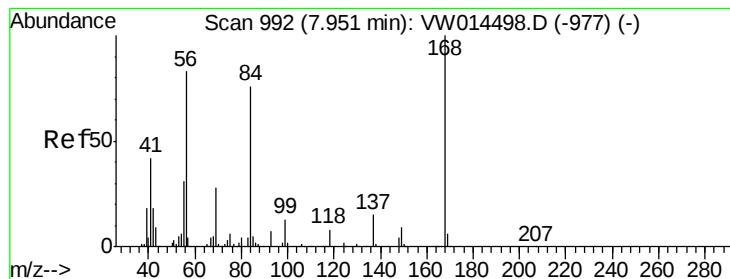
Tot Ion	Ratio	Lower	Upper
42	100		
72	44.2	34.5	51.7
71	41.4	32.0	48.0



#30
Chloroform
Concen: 50.489 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	52.2	78.2





#31

Cyclohexane

Concen: 46.643 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :
MSVOA_W
ClientSampled :

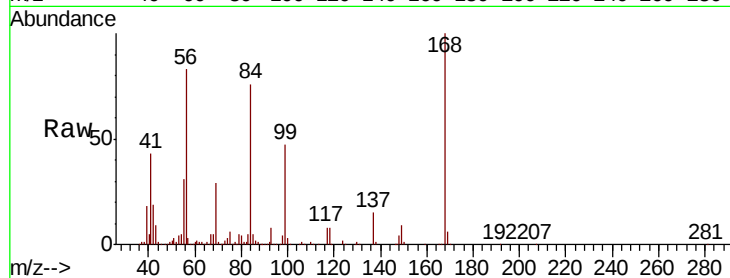
Tot Ion: 56 Resp: 635365

Ion Ratio Lower Upper

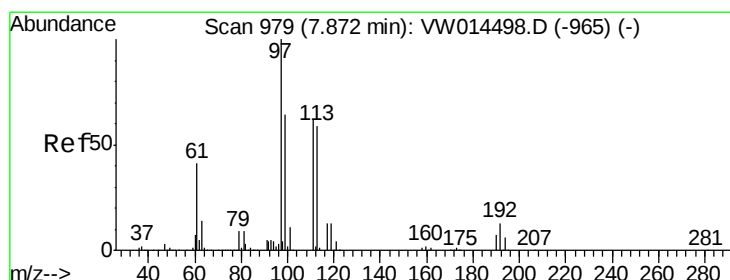
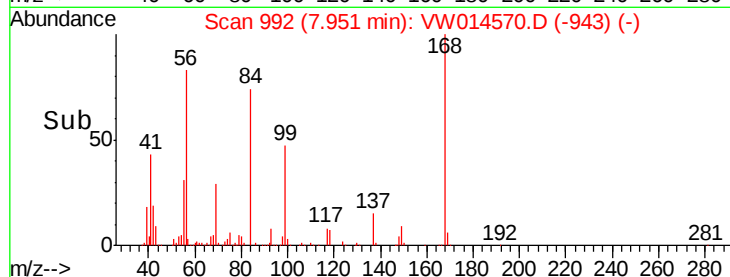
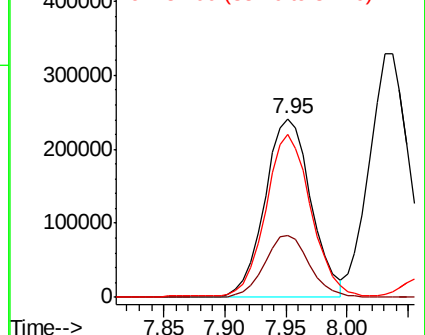
56 100

69 34.5 26.8 40.2

84 90.4 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: 49.070 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

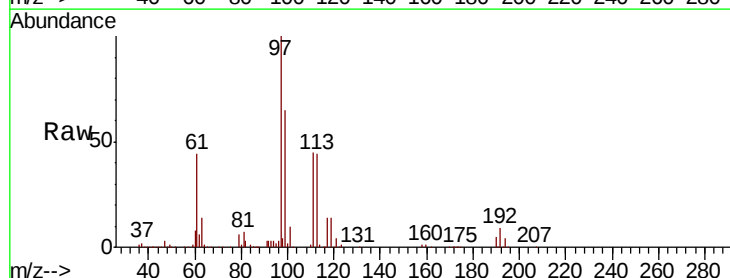
Tgt Ion: 97 Resp: 483727

Ion Ratio Lower Upper

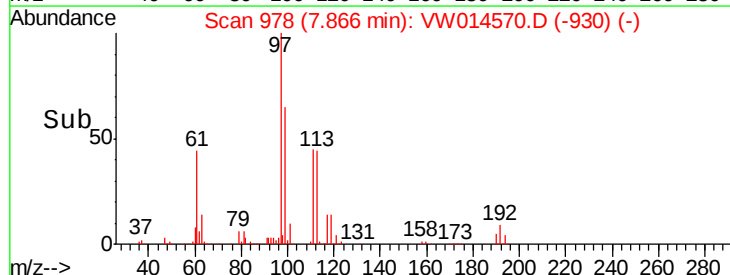
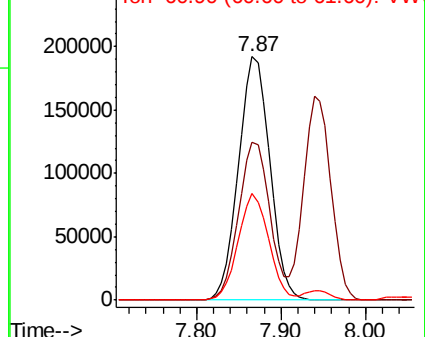
97 100

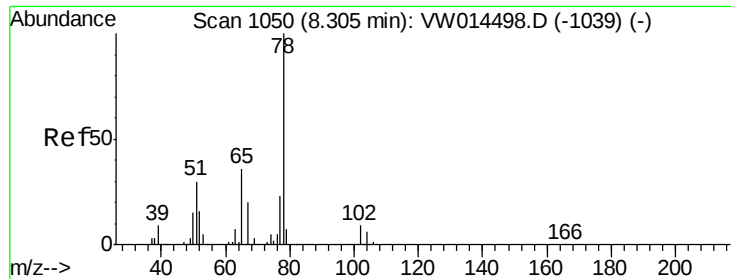
99 65.4 51.8 77.6

61 42.9 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: 45.809 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

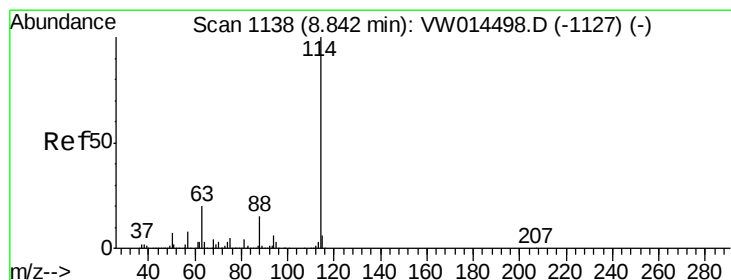
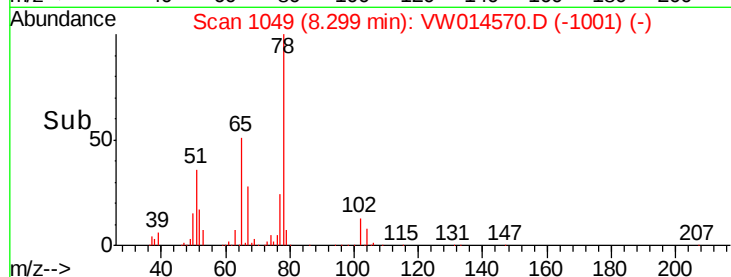
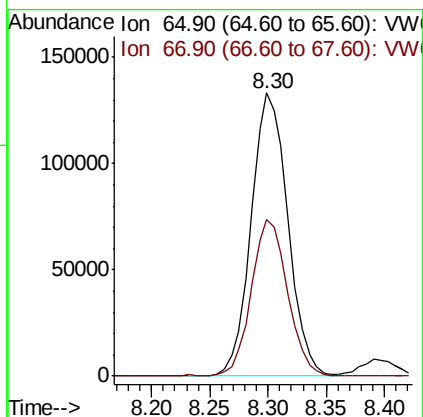
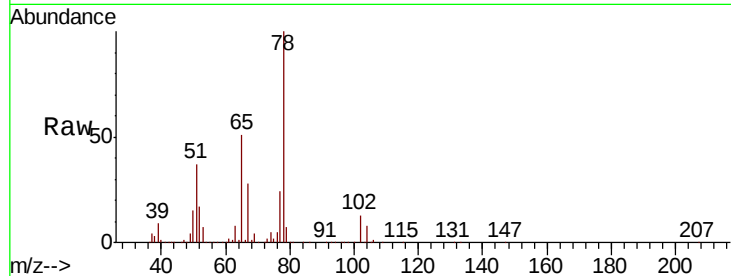
ClientSampleId :

Tot Ion: 65 Resp: 292382

Ion Ratio Lower Upper

65 100

67 54.4 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

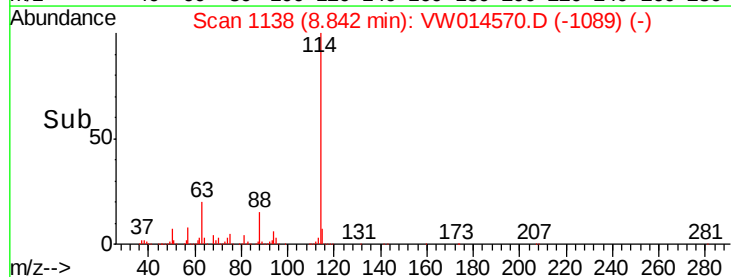
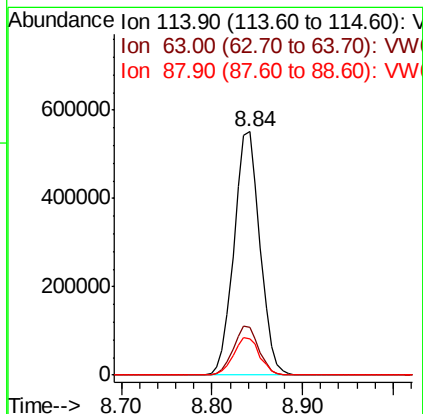
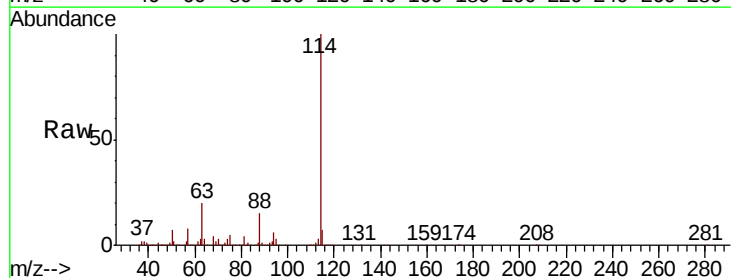
Tgt Ion: 114 Resp: 1092220

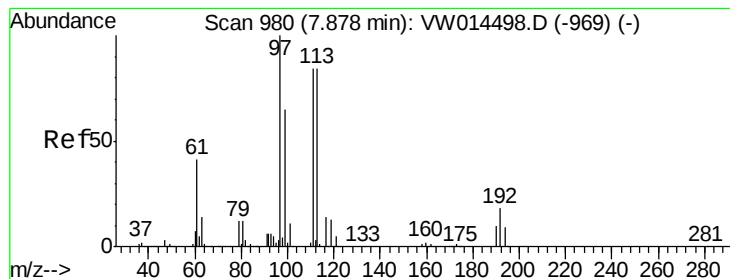
Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.4

88 15.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.391 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

ClientSampleId :

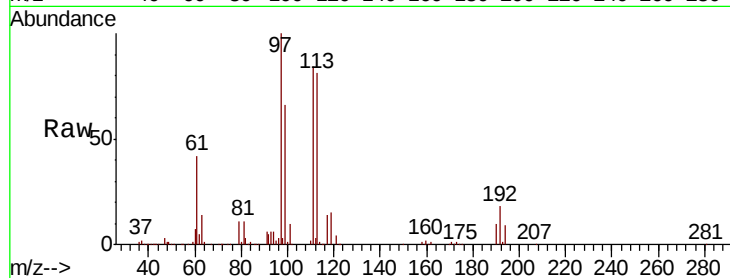
Tot Ion:113 Resp: 302069

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.2

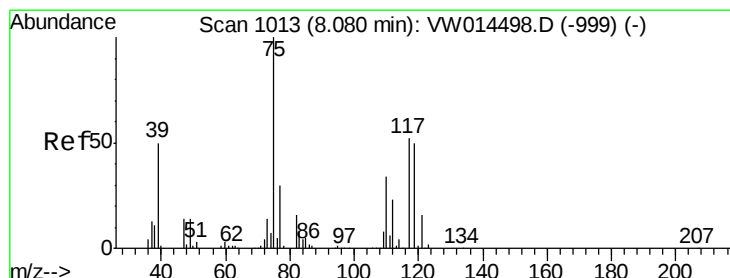
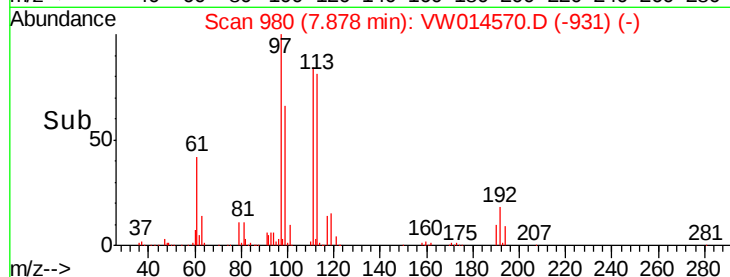
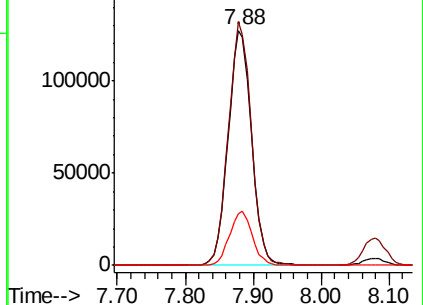
192 22.4 17.8 26.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.091 ug/l

RT: 8.07 min Scan# 1012

Delta R.T. -0.01 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

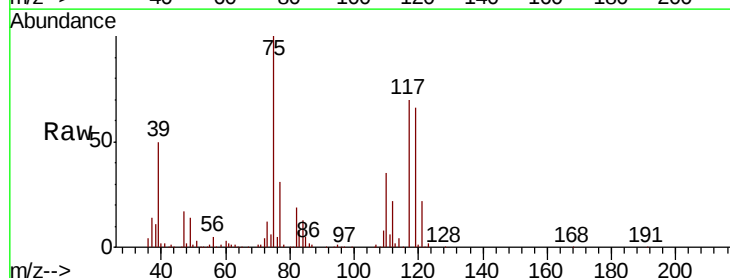
Tgt Ion: 75 Resp: 527433

Ion Ratio Lower Upper

75 100

110 36.4 17.8 53.5

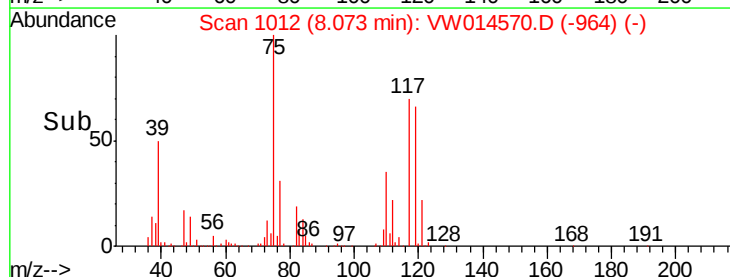
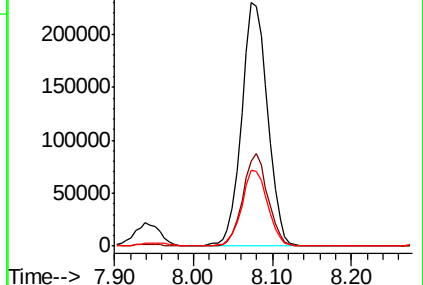
77 31.1 24.7 37.1

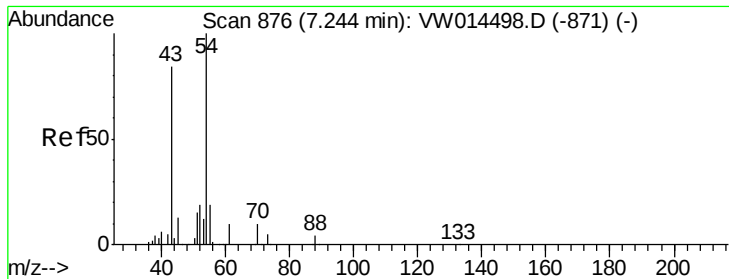


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

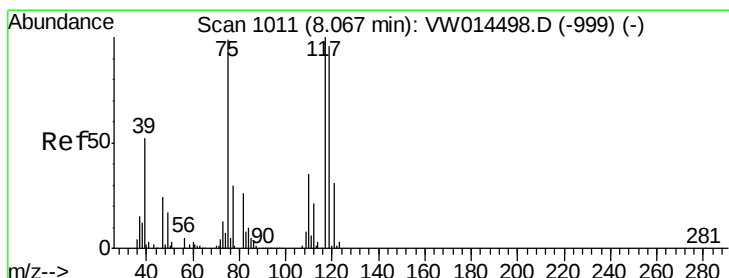
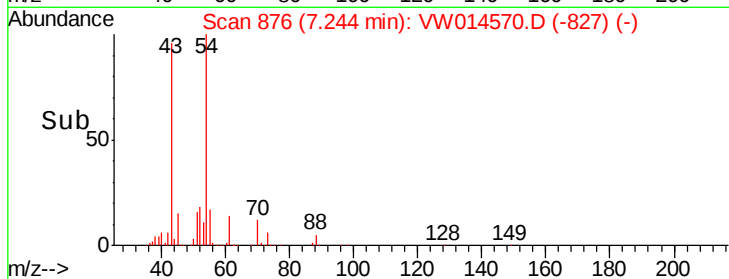
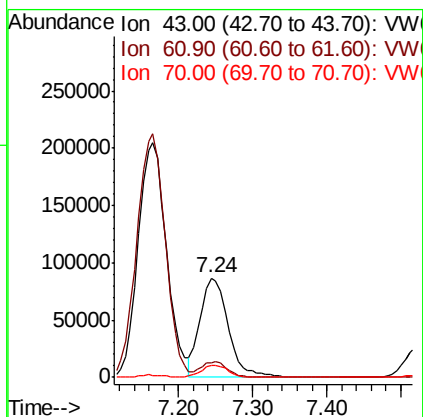
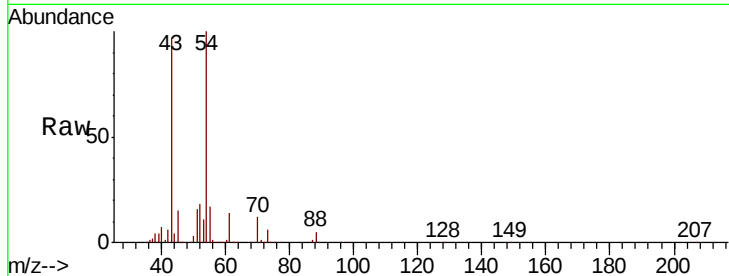




#37
Ethyl Acetate
Concen: 47.064 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

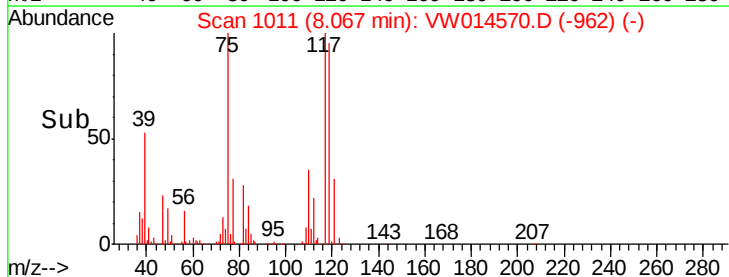
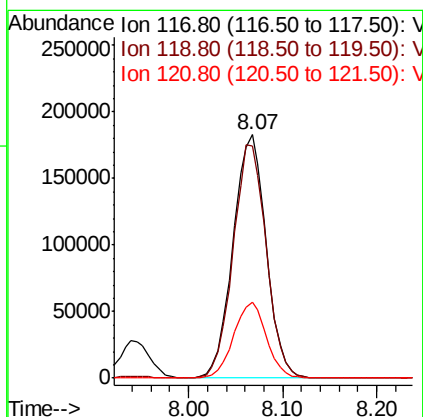
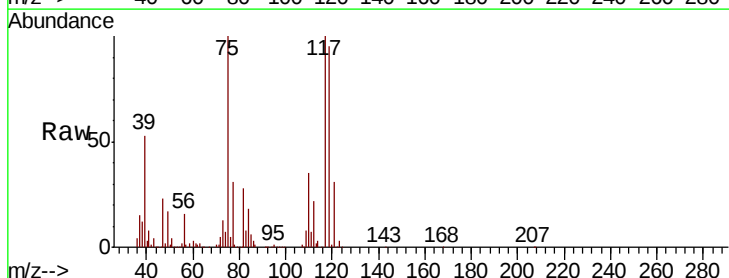
Instrument :
MSVOA_W
ClientSampled :

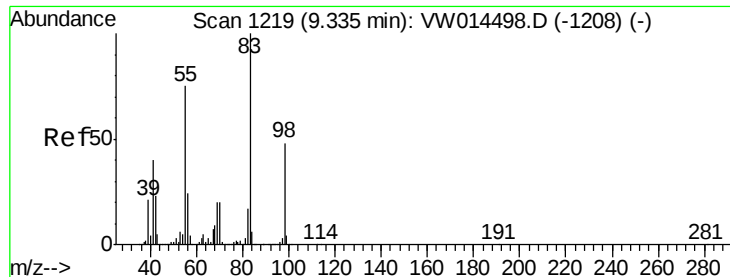
Tot Ion: 43 Resp: 224754
Ion Ratio Lower Upper
43 100
61 14.7 11.7 17.5
70 11.8 9.0 13.6



#38
Carbon Tetrachloride
Concen: 49.038 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Tgt Ion: 117 Resp: 447964
Ion Ratio Lower Upper
117 100
119 95.4 77.0 115.6
121 31.0 24.6 36.8

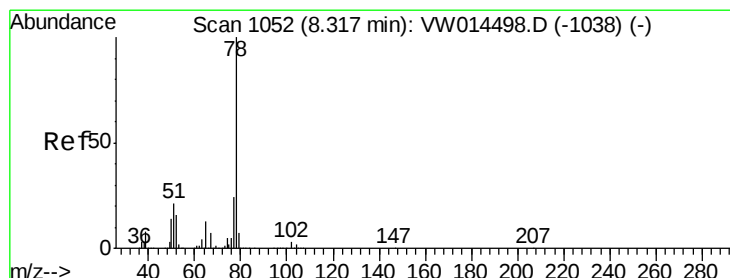
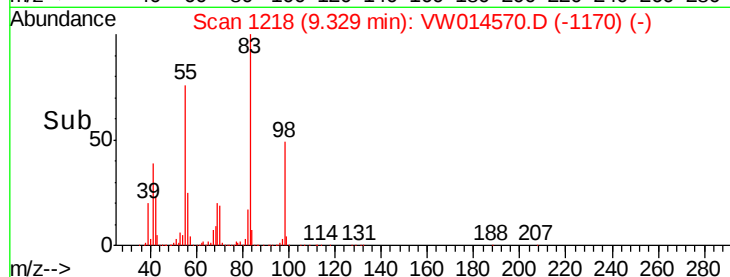
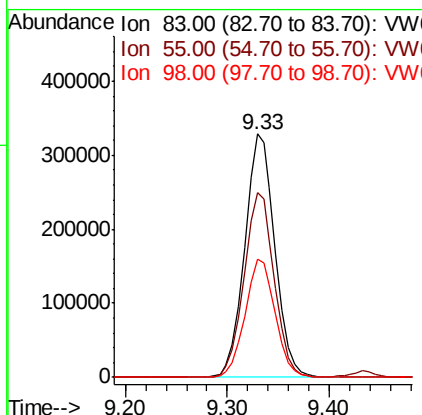
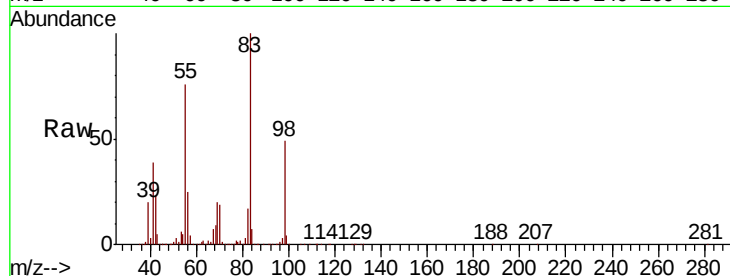




#39
Methvlcvclohexane
Concen: 49.756 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

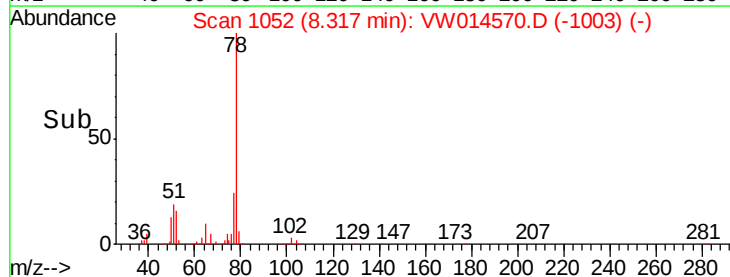
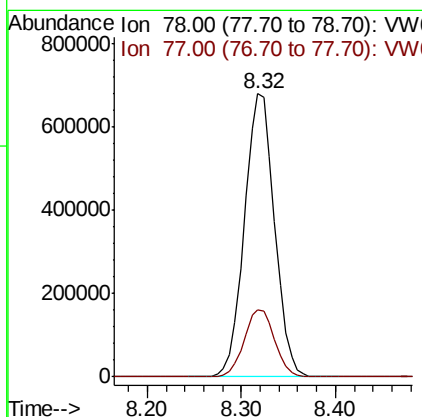
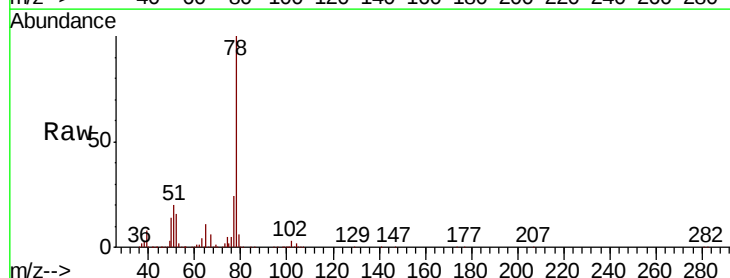
Instrument :
MSVOA_W
ClientSampleId :

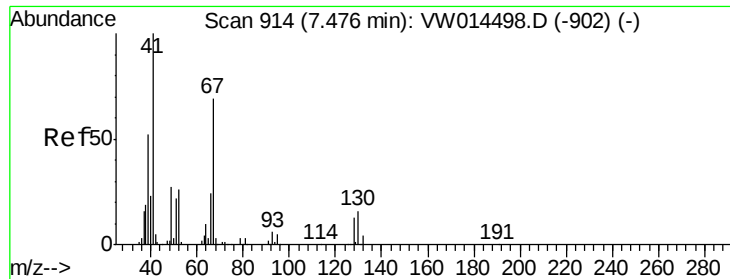
Tot Ion: 83 Resp: 672339
Ion Ratio Lower Upper
83 100
55 75.7 60.1 90.1
98 48.6 38.8 58.2



#40
Benzene
Concen: 51.009 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Tgt Ion: 78 Resp: 1519639
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9

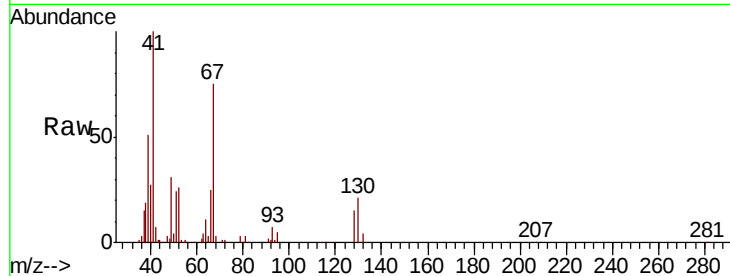




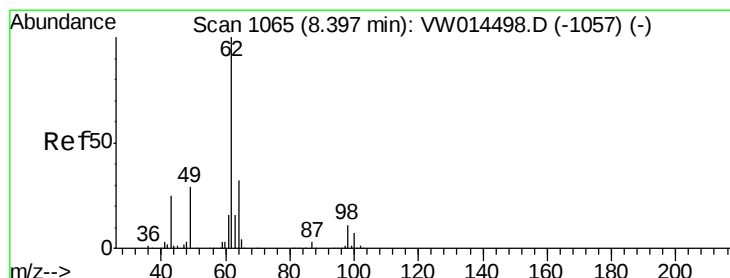
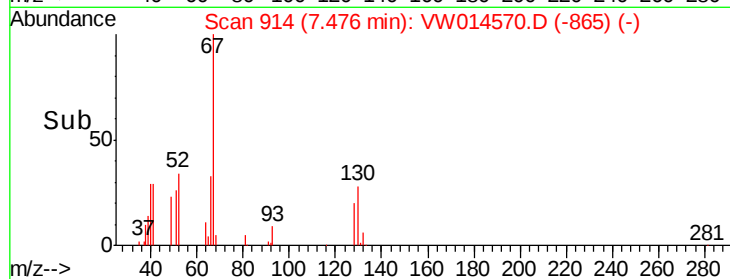
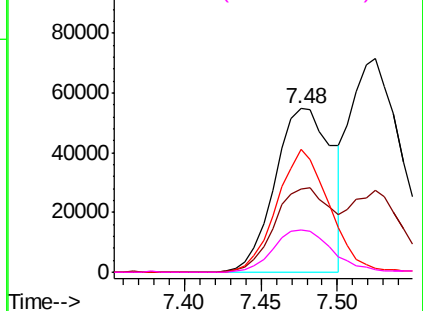
#41
Methacrylonitrile
Concen: 53.630 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	41	Resp:	142763
Ion	Ratio	Lower	Upper
41	100		
39	51.6	46.0	69.0
67	68.9	60.8	91.2
52	26.9	23.7	35.5

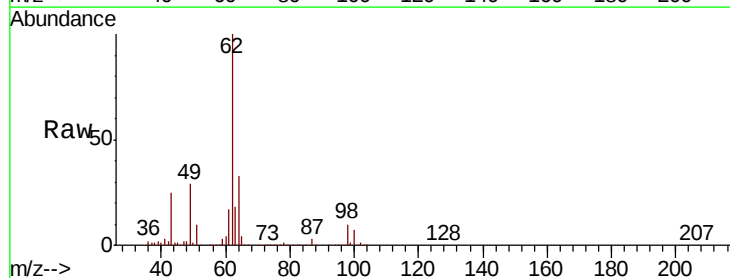


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

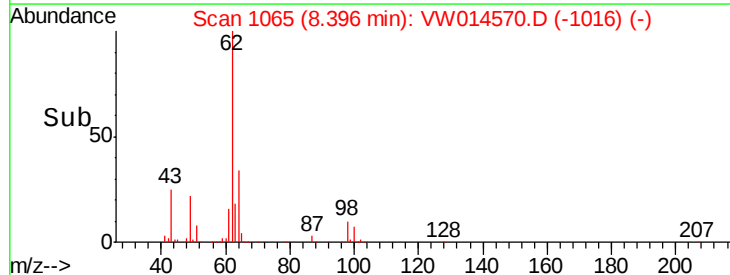
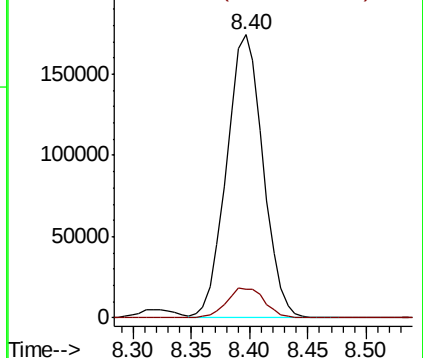


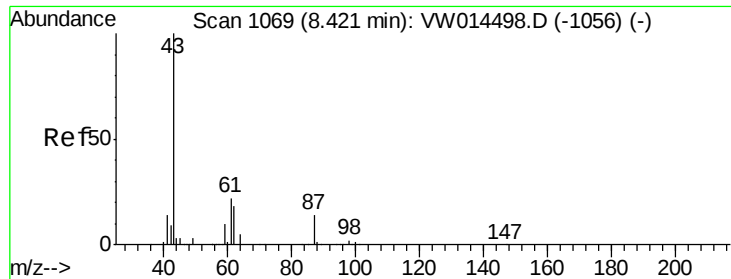
#42
1,2-Dichloroethane
Concen: 48.985 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Tgt Ion:	62	Resp:	378712
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	22.0



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 49.515 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

ClientSampled :

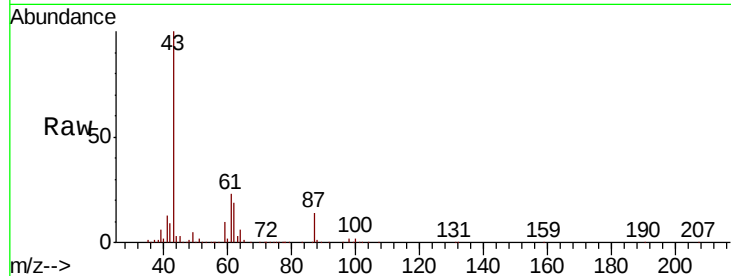
Tot Ion: 43 Resp: 429381

Ion Ratio Lower Upper

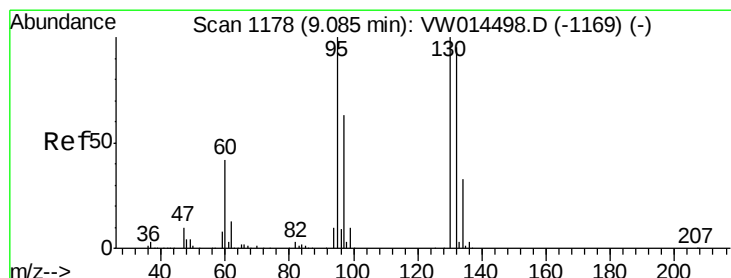
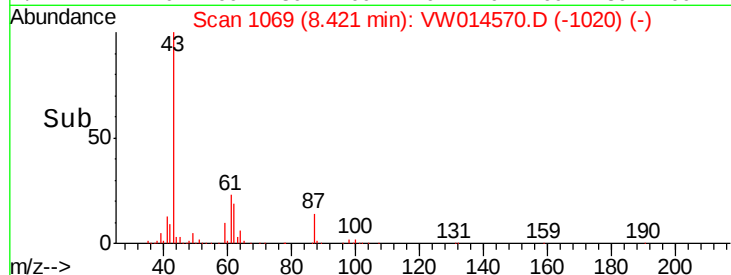
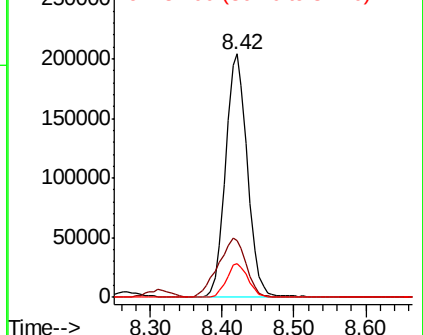
43 100

61 31.0 24.7 37.1

87 13.8 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 51.368 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VW014570.D

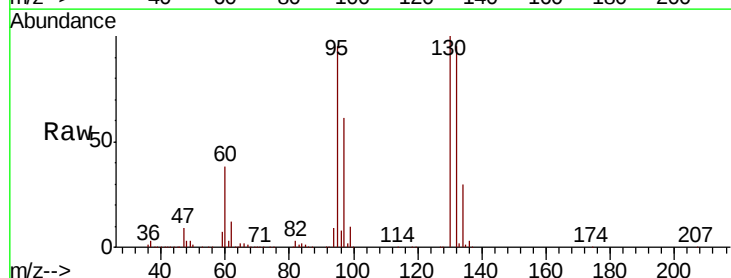
Acq: 08 Jan 2020 19:52

Tgt Ion: 130 Resp: 414101

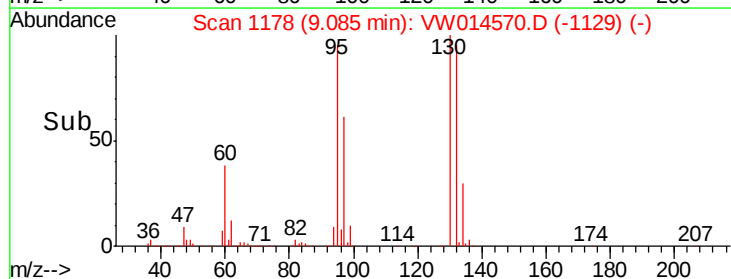
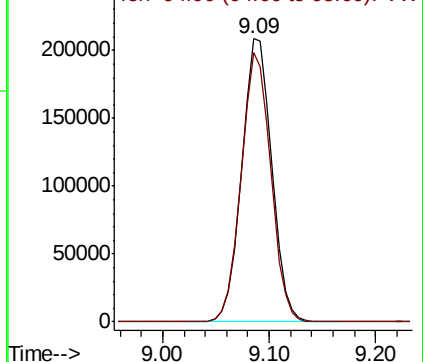
Ion Ratio Lower Upper

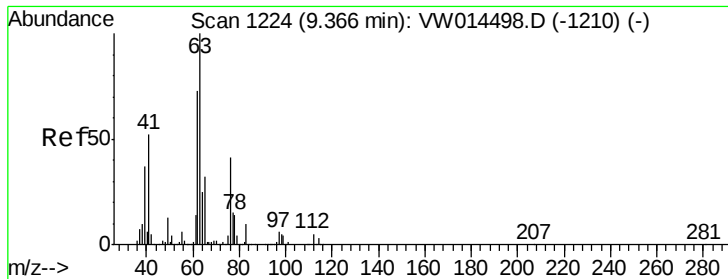
130 100

95 95.0 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 50.962 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

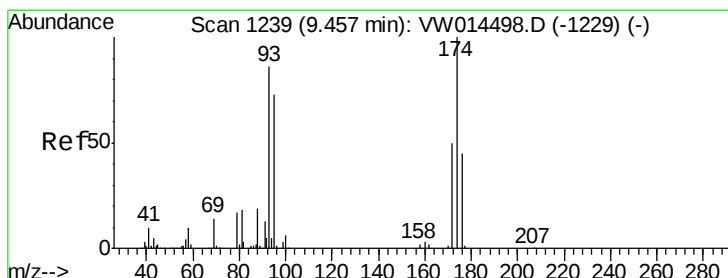
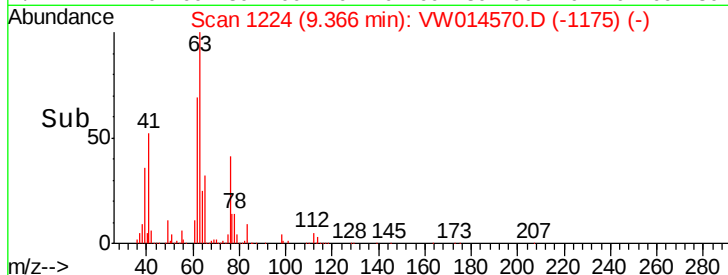
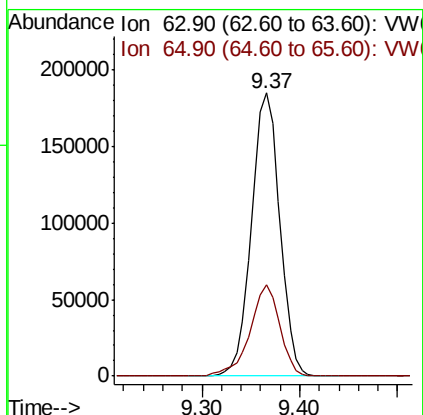
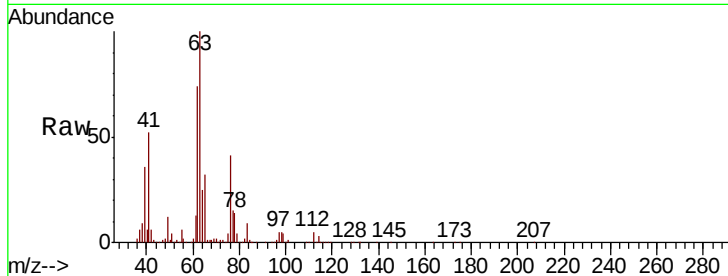
ClientSampleId :

Tot Ion: 63 Resp: 372560

Ion Ratio Lower Upper

63 100

65 32.4 25.6 38.4



#46

Dibromomethane

Concen: 49.582 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.01 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

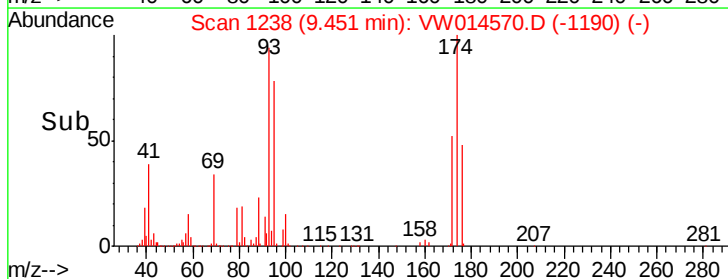
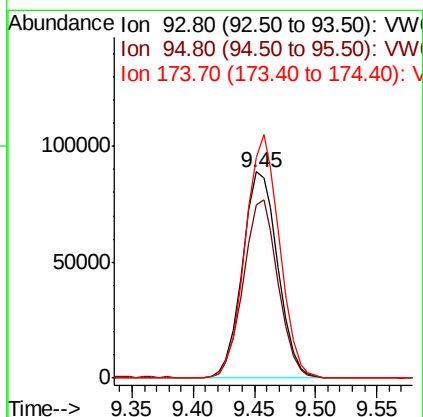
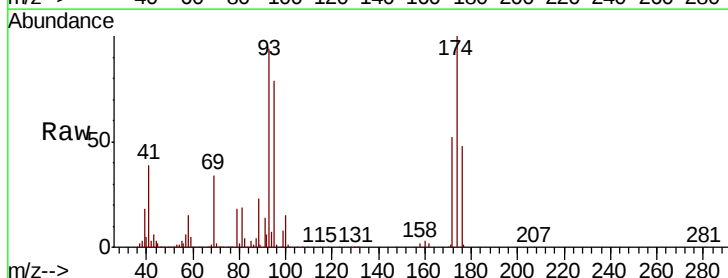
Tgt Ion: 93 Resp: 178943

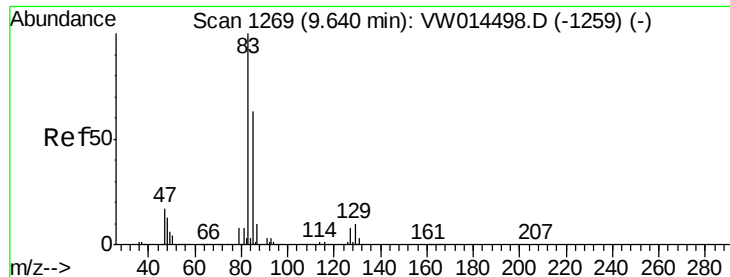
Ion Ratio Lower Upper

93 100

95 84.4 66.4 99.6

174 114.3 89.1 133.7





#47

Bromodichloromethane

Concen: 50.863 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

ClientSampleId :

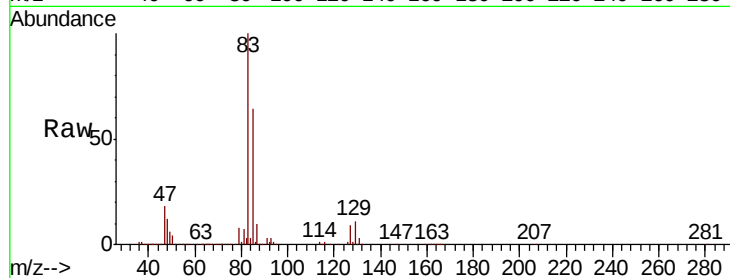
Tot Ion: 83 Resp: 453197

Ion Ratio Lower Upper

83 100

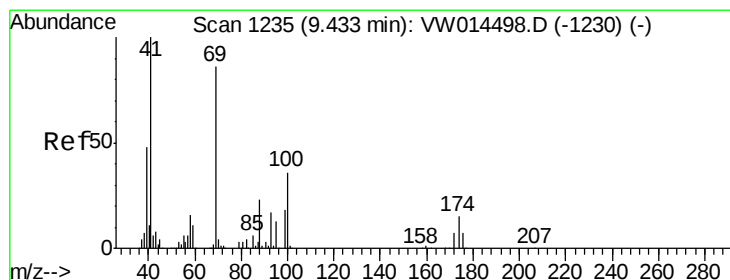
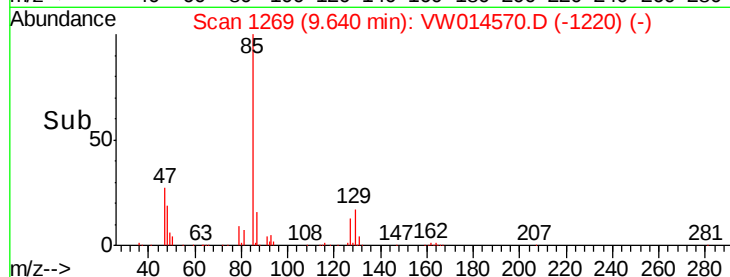
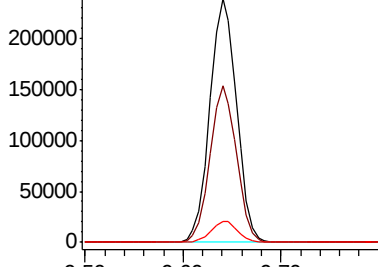
85 64.4 50.6 76.0

127 8.6 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

9.64



#48

Methyl methacrylate

Concen: 49.720 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

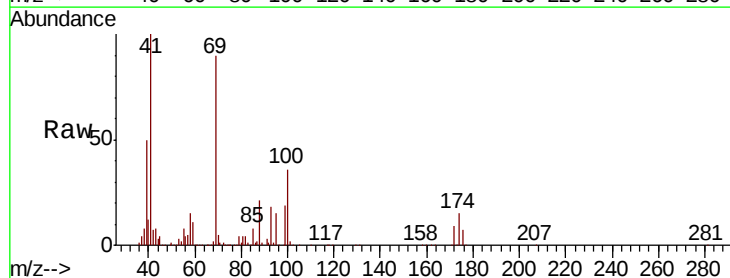
Tgt Ion: 41 Resp: 210510

Ion Ratio Lower Upper

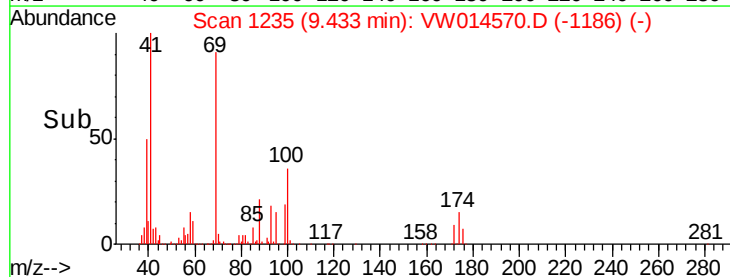
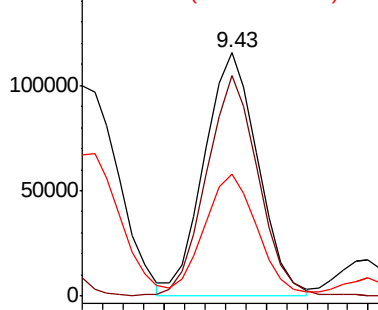
41 100

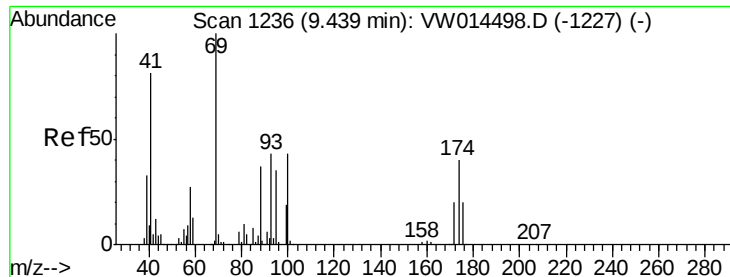
69 87.4 68.3 102.5

39 45.8 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: 901.126 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :
MSVOA_W
ClientSampled :

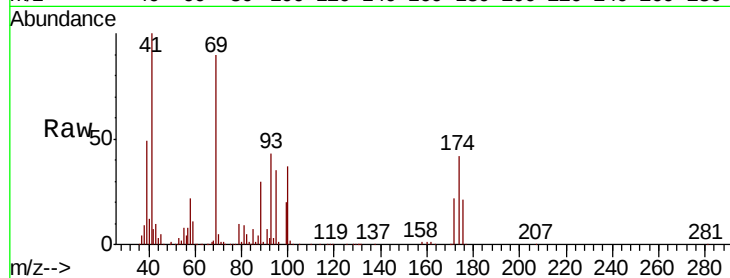
Tot Ion: 88 Resp: 60827

Ion Ratio Lower Upper

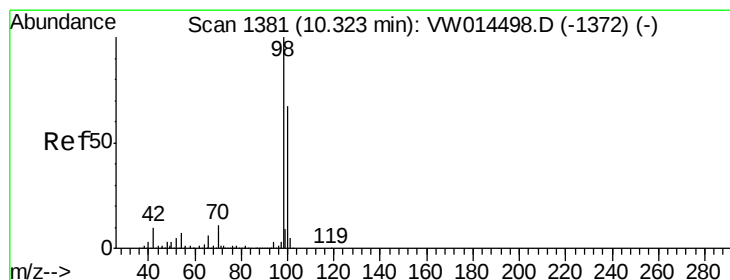
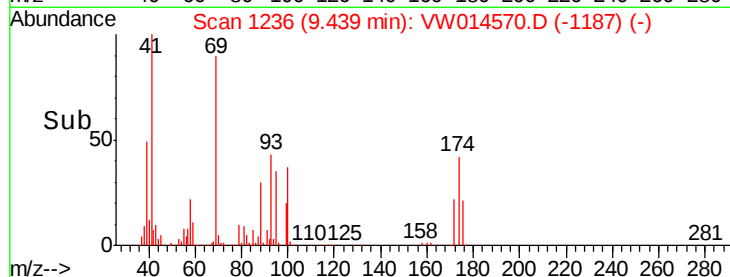
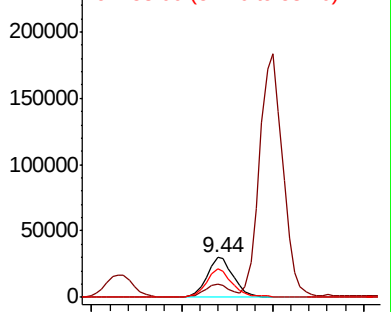
88 100

43 31.8 24.9 37.3

58 71.3 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: 48.008 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW014570.D

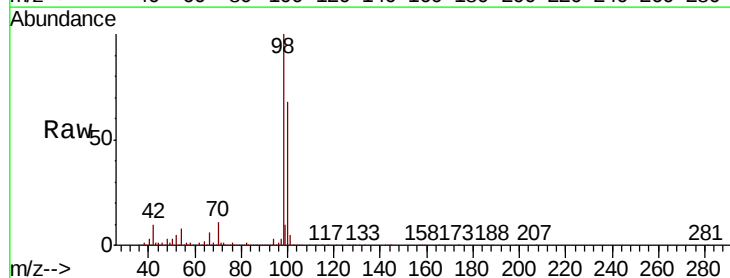
Acq: 08 Jan 2020 19:52

Tgt Ion: 98 Resp: 1250636

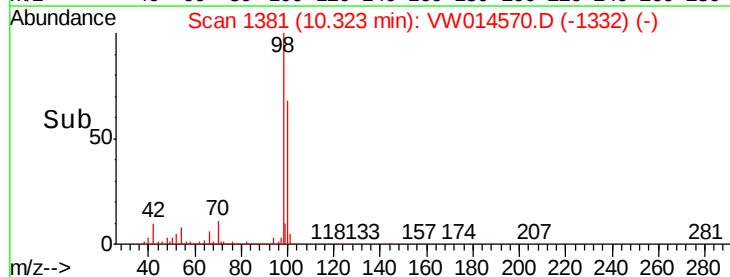
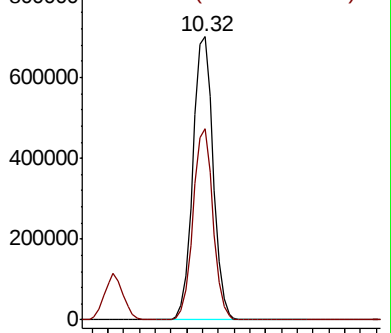
Ion Ratio Lower Upper

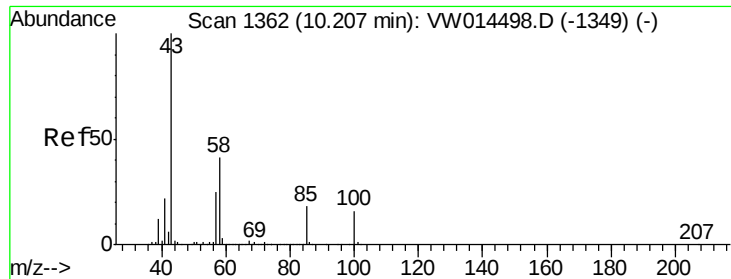
98 100

100 66.3 53.8 80.6



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

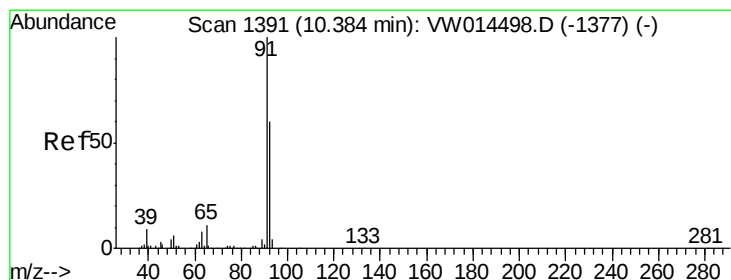
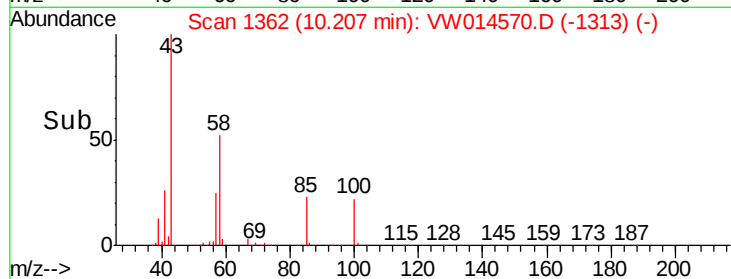
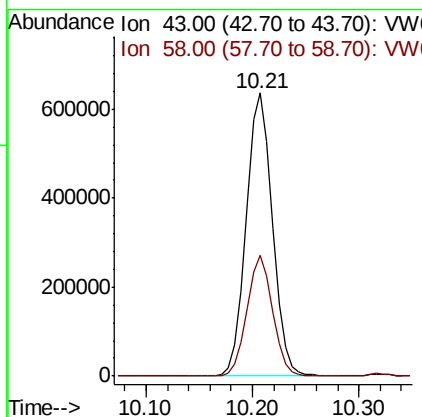
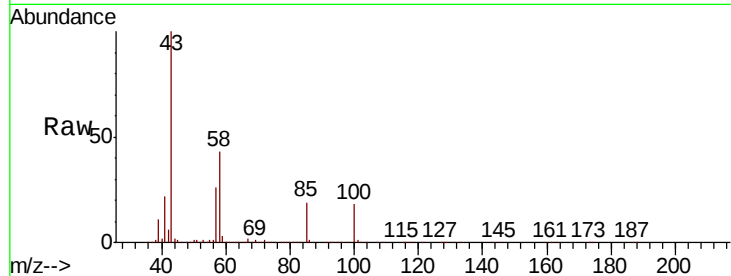




#51
4-Methyl-2-Pentanone
Concen: 244.584 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

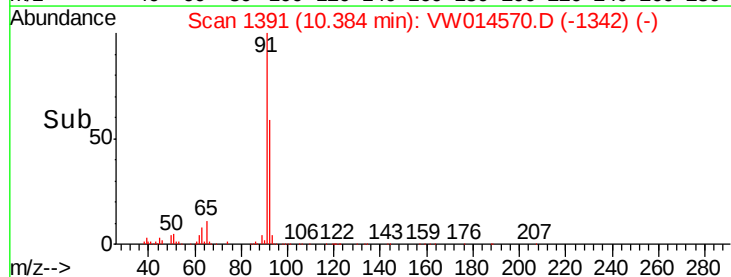
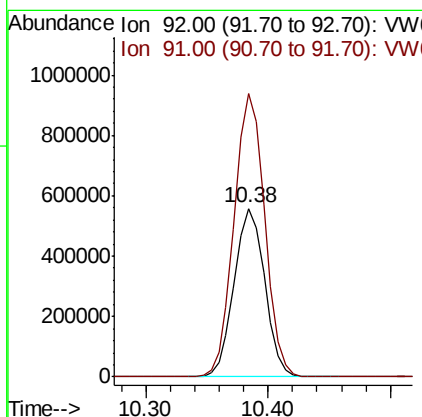
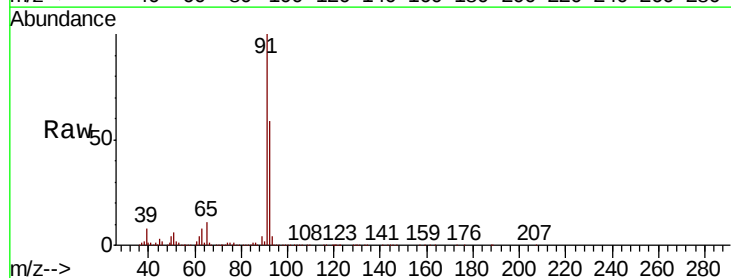
Instrument :
MSVOA_W
ClientSampled :

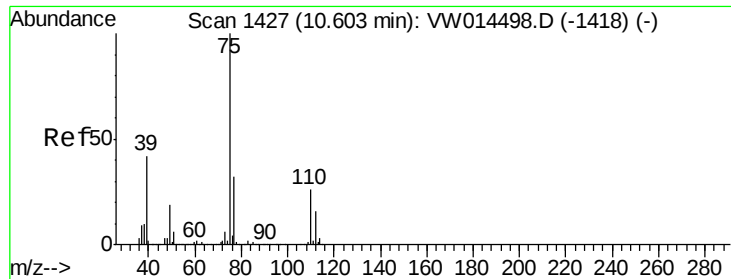
Tot Ion: 43 Resp: 1101420
Ion Ratio Lower Upper
43 100
58 41.6 32.7 49.1



#52
Toluene
Concen: 51.492 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Tgt Ion: 92 Resp: 965085
Ion Ratio Lower Upper
92 100
91 168.7 134.1 201.1





#53

t-1,3-Dichloropropene

Concen: 50.767 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

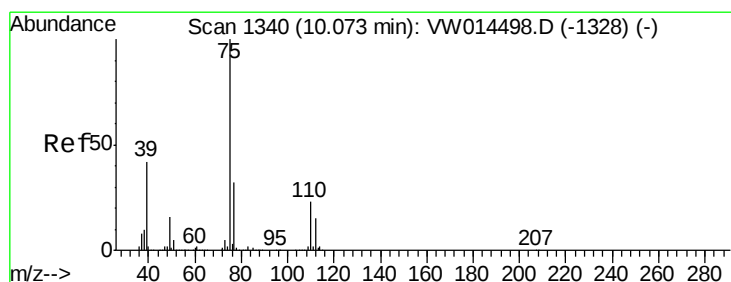
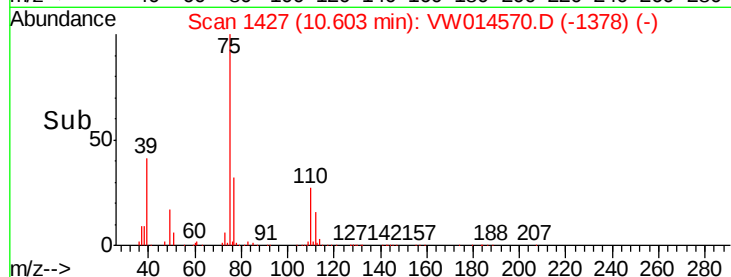
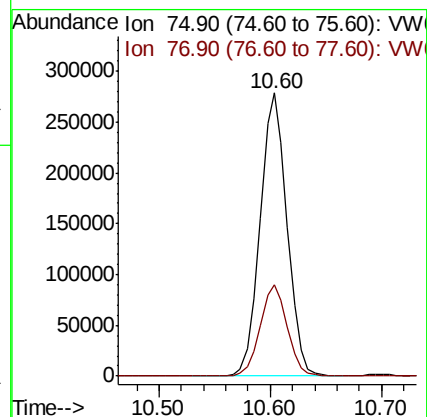
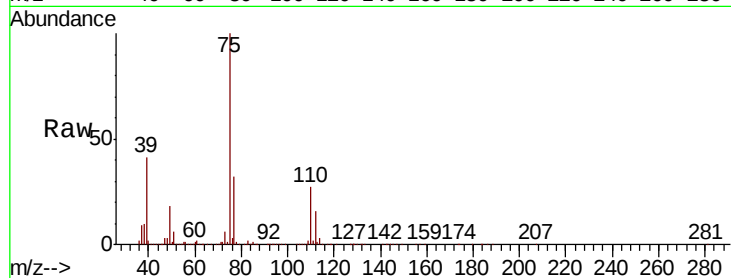
ClientSampleId :

Tot Ion: 75 Resp: 468353

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 51.550 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.01 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

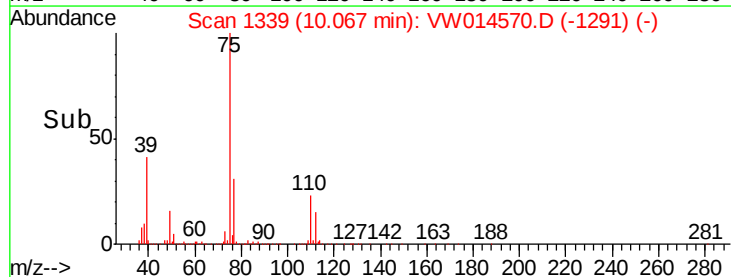
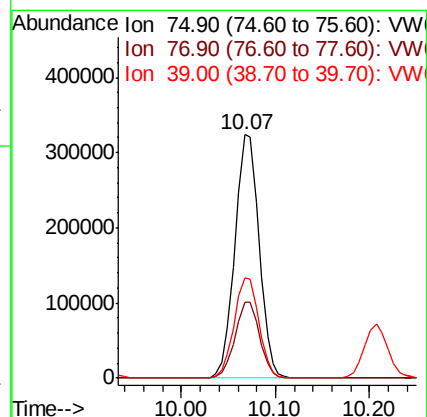
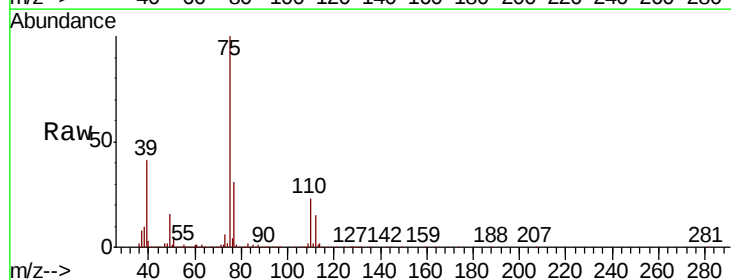
Tgt Ion: 75 Resp: 581235

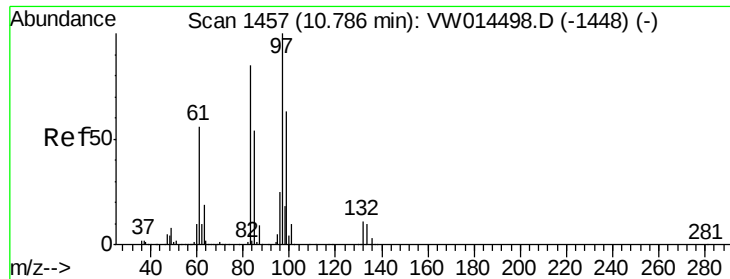
Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0

39 41.0 33.4 50.2

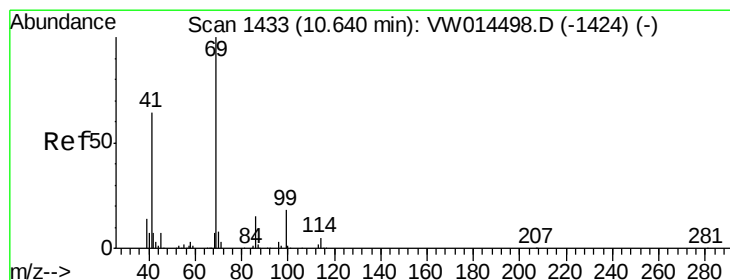
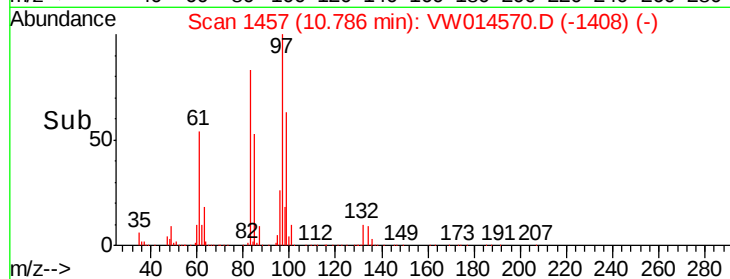
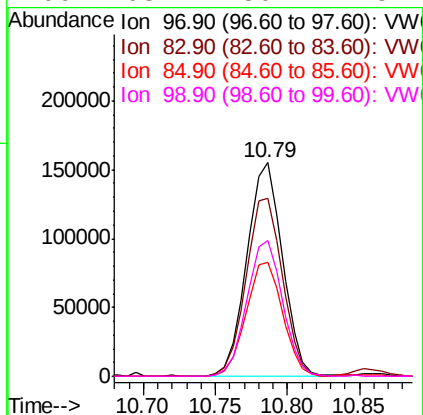
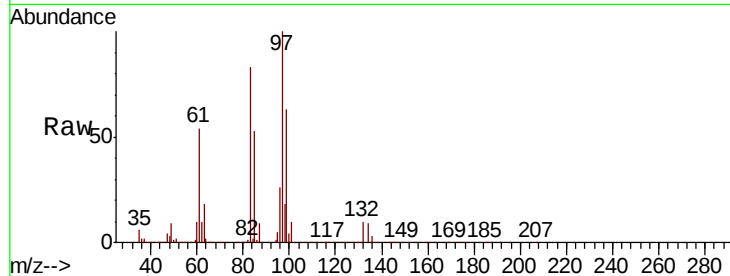




#55
 1,1,2-Trichloroethane
 Concen: 50.284 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW014570.D
 Acq: 08 Jan 2020 19:52

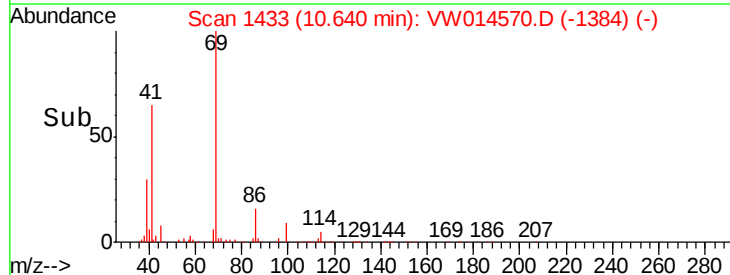
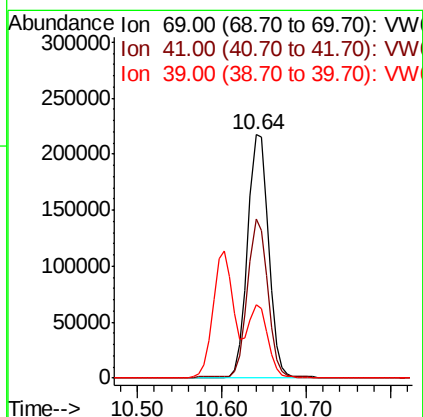
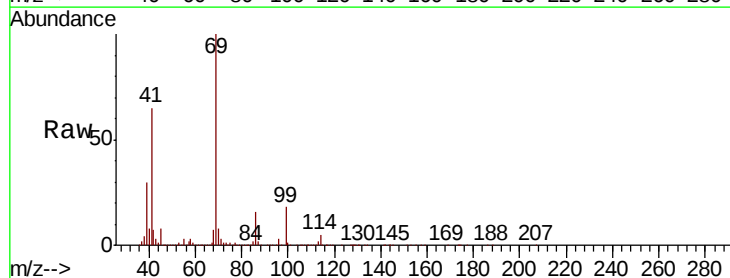
Instrument :
 MSVOA_W
 ClientSampleId :

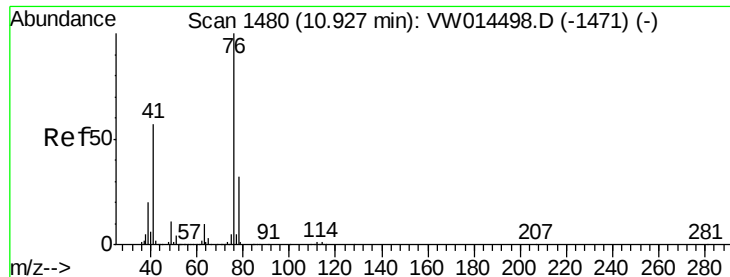
Tot Ion:	97	Resp:	265040
Ion	Ratio	Lower	Upper
97	100		
83	83.4	68.2	102.4
85	53.5	43.0	64.4
99	63.2	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 52.941 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: VW014570.D
 Acq: 08 Jan 2020 19:52

Tgt Ion:	69	Resp:	362647
Ion	Ratio	Lower	Upper
69	100		
41	63.0	51.3	76.9
39	25.5	21.0	31.6





#57

1,3-Dichloropropane

Concen: 50.363 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

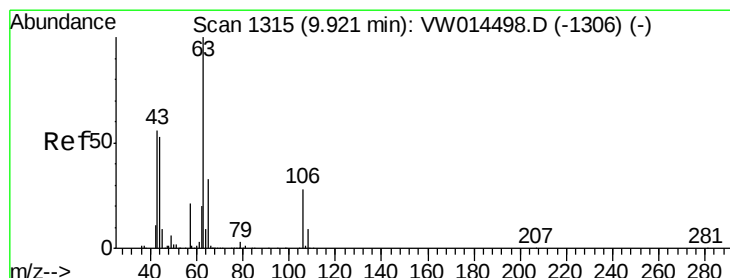
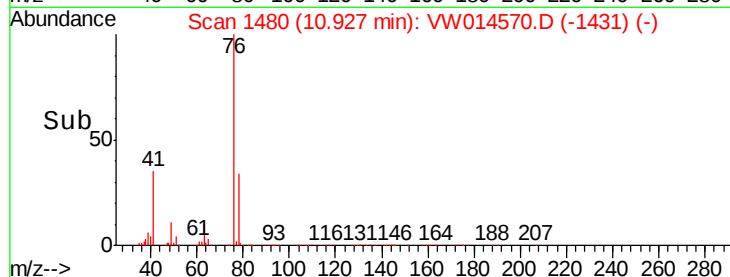
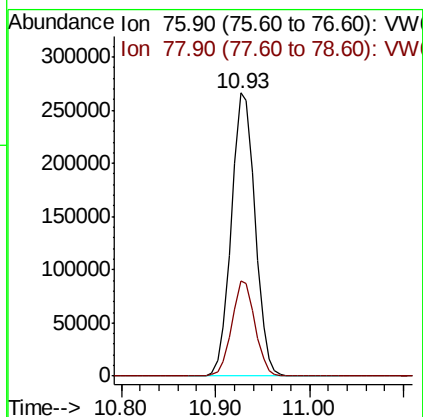
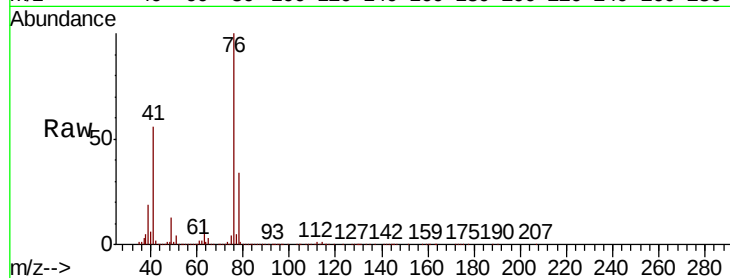
ClientSampleId :

Tot Ion: 76 Resp: 466555

Ion Ratio Lower Upper

76 100

78 32.9 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 260.087 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW014570.D

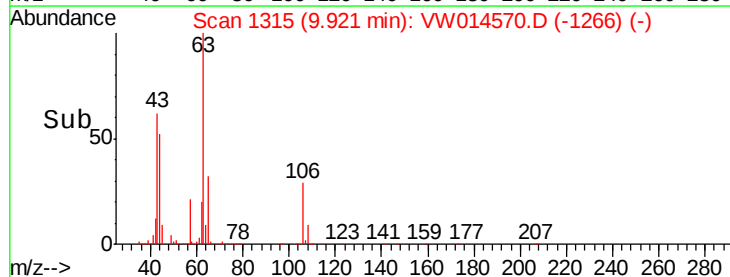
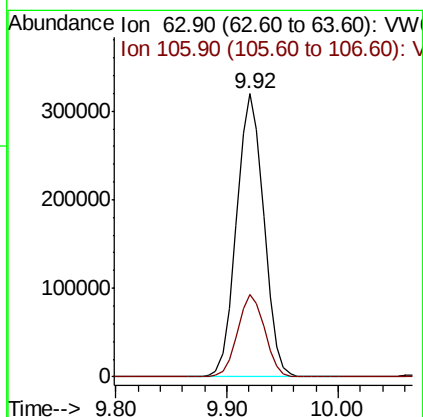
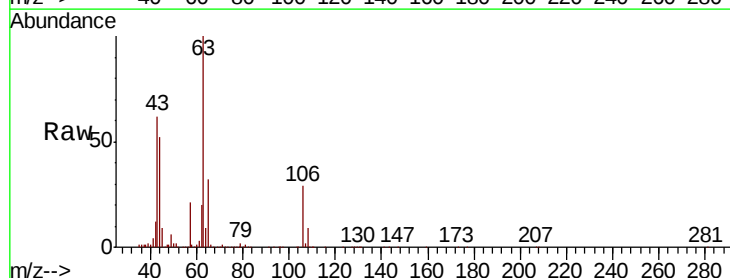
Acq: 08 Jan 2020 19:52

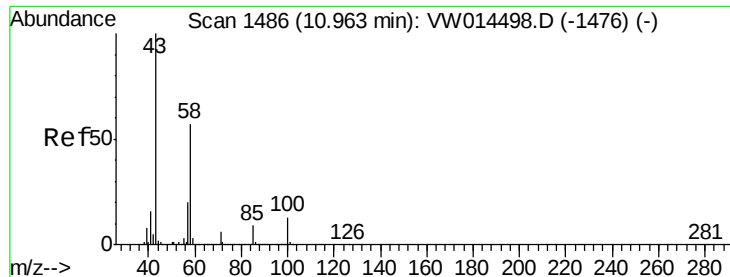
Tgt Ion: 63 Resp: 541845

Ion Ratio Lower Upper

63 100

106 29.0 23.0 34.6

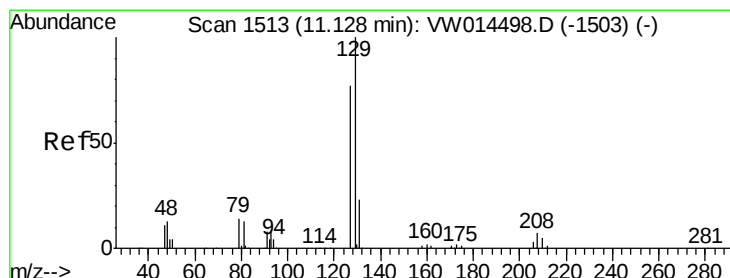
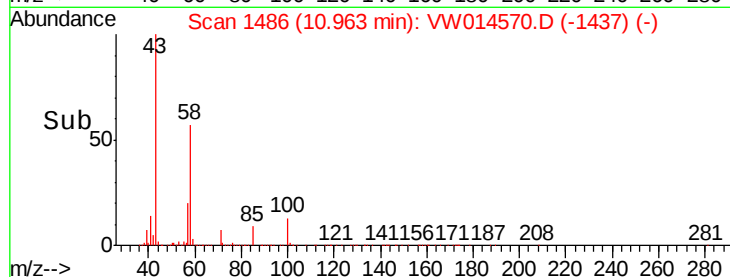
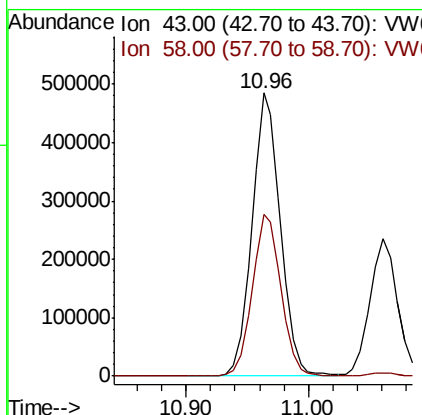
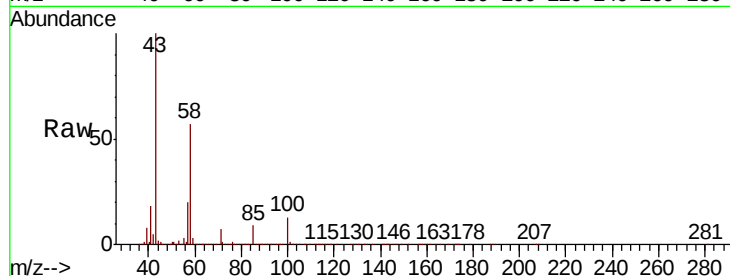




#59
2-Hexanone
Concen: 251.281 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

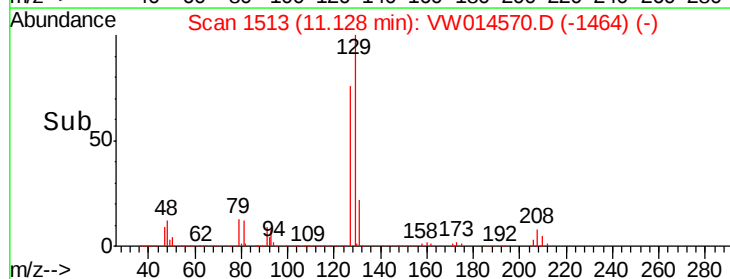
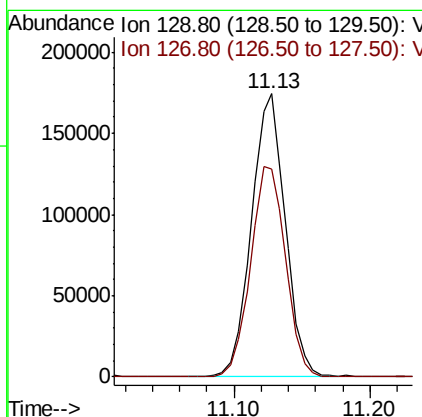
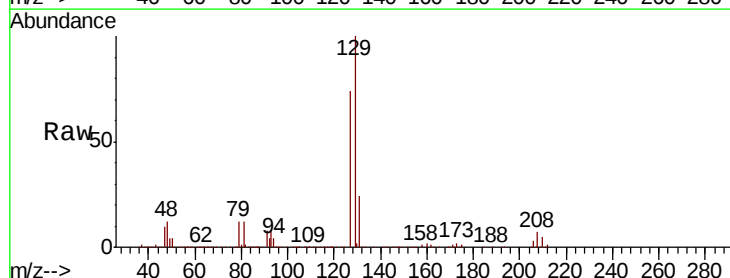
Instrument :
MSVOA_W
ClientSampled :

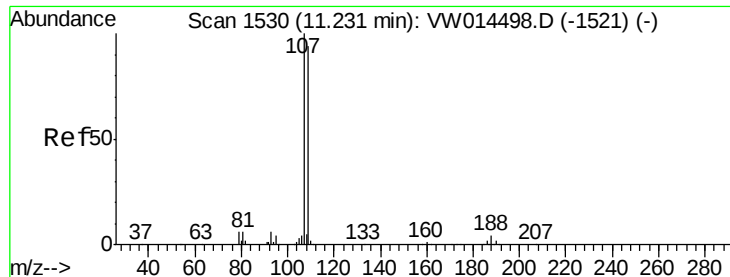
Tot Ion: 43 Resp: 779757
Ion Ratio Lower Upper
43 100
58 58.1 28.7 86.3



#60
Dibromochloromethane
Concen: 50.711 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Tgt Ion: 129 Resp: 301583
Ion Ratio Lower Upper
129 100
127 77.7 38.1 114.5

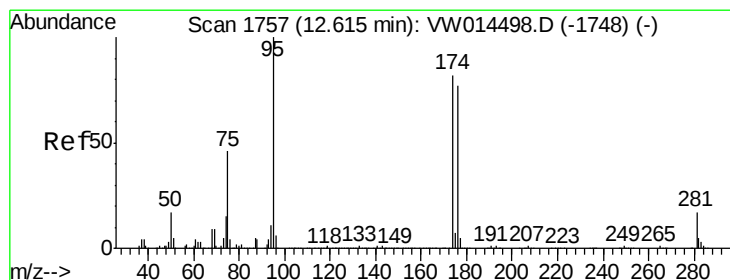
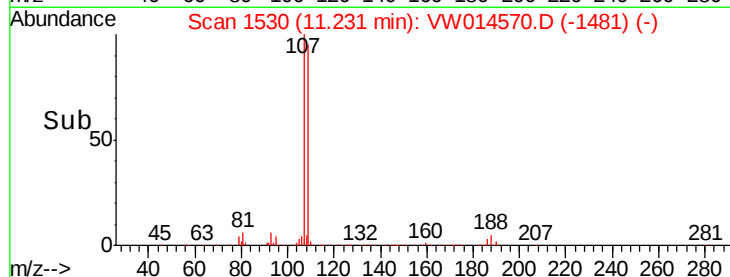
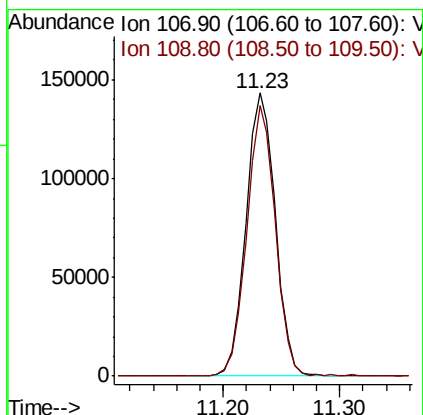
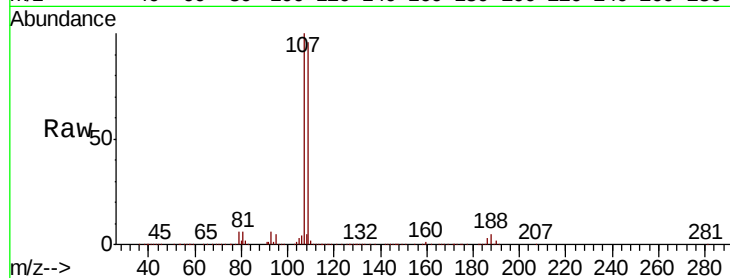




#61
1,2-Dibromoethane
Concen: 50.151 ug/l
RT: 11.23 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

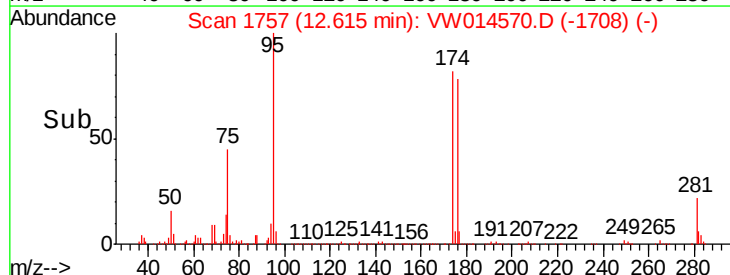
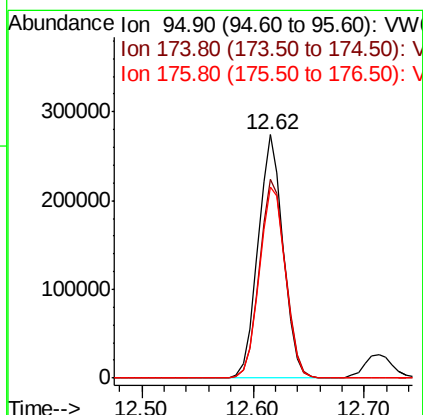
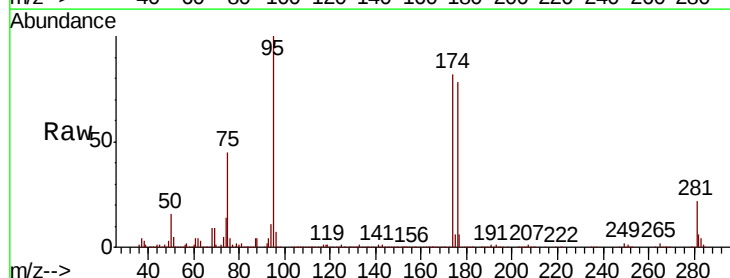
Instrument :
MSVOA_W
ClientSampleId :

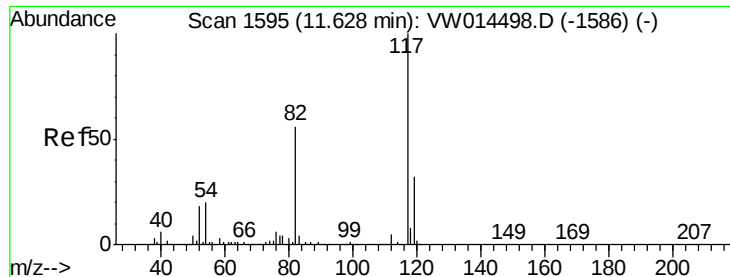
Tot Ion: 107 Resp: 250920
Ion Ratio Lower Upper
107 100
109 93.1 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 48.617 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Tgt Ion: 95 Resp: 429578
Ion Ratio Lower Upper
95 100
174 85.0 0.0 168.6
176 82.3 0.0 162.0

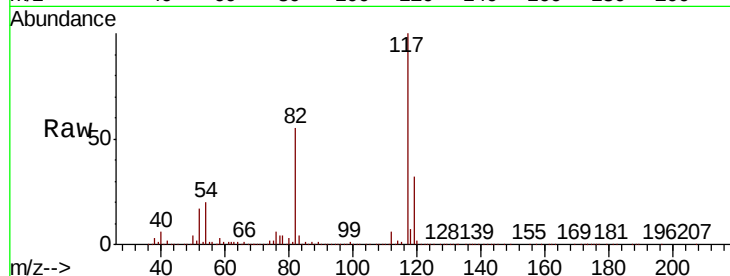




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.6	67.0
119	32.4	25.7	38.5

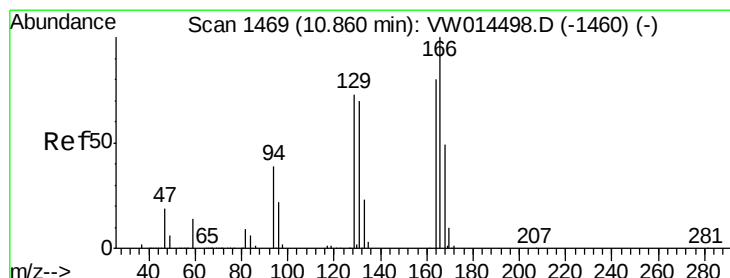
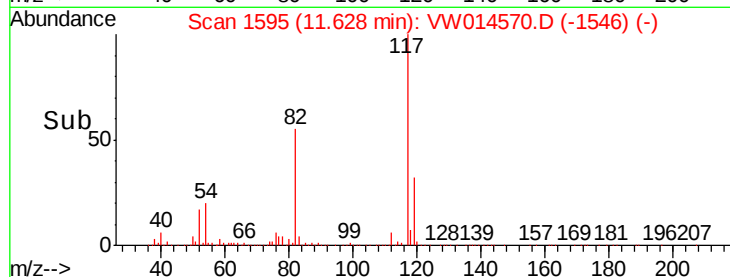
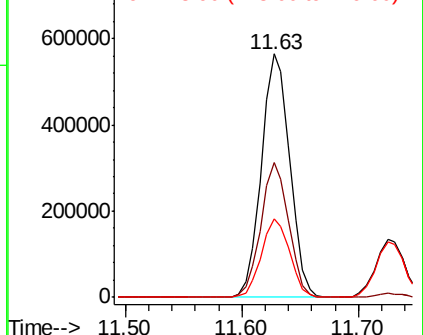


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 52.047 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.0	99.8	149.6
129	90.1	72.4	108.6
131	89.9	70.1	105.1

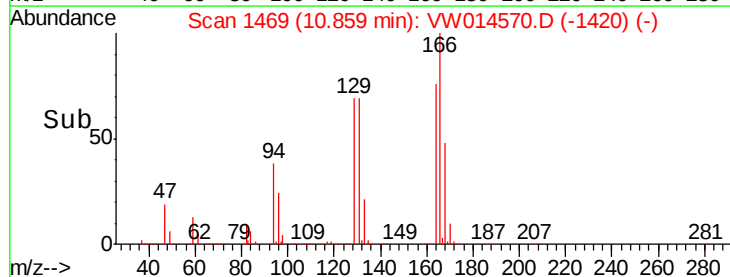
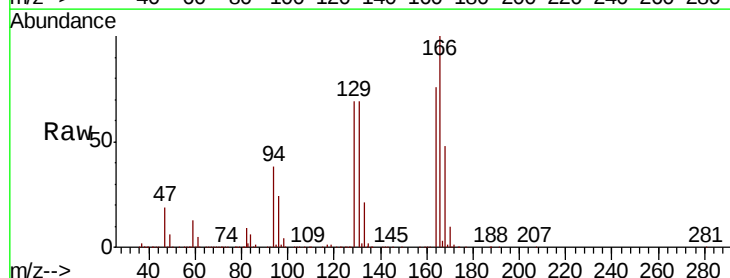
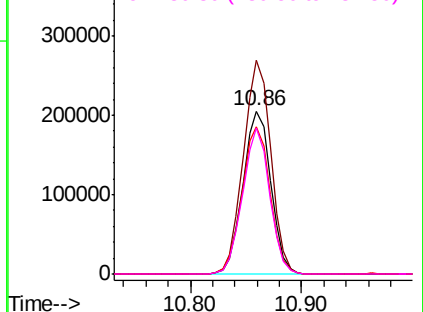
Abundance

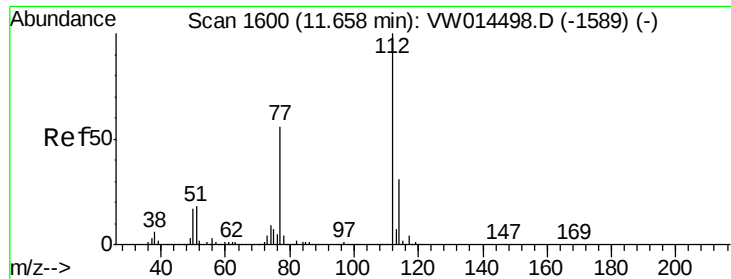
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

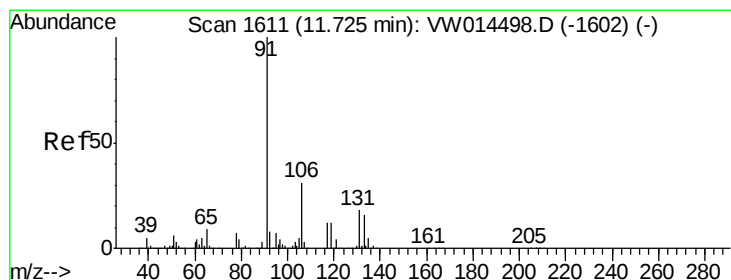
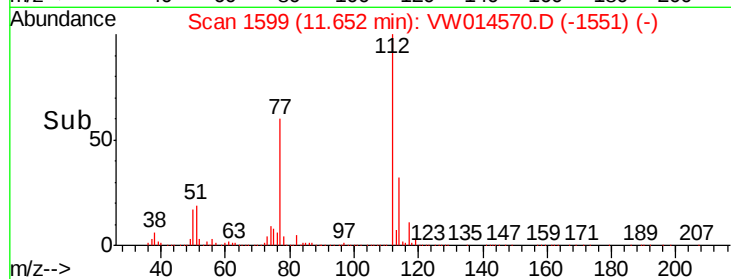
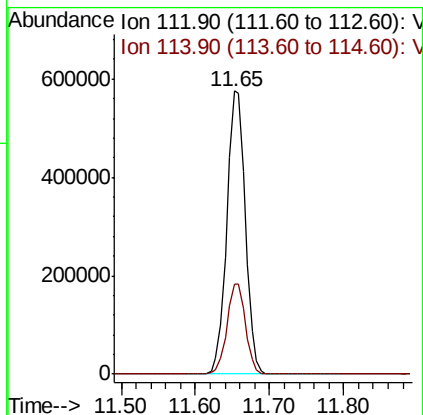
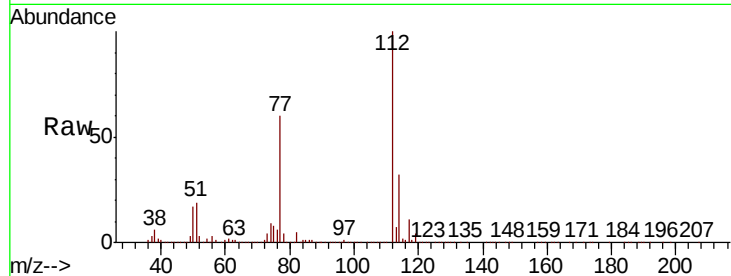




#65
Chlorobenzene
Concen: 51.411 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

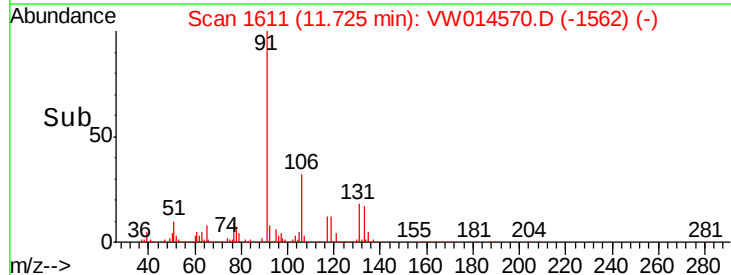
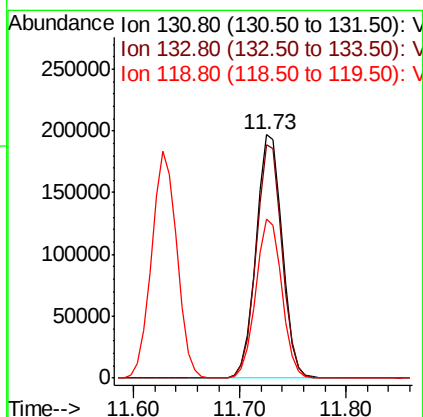
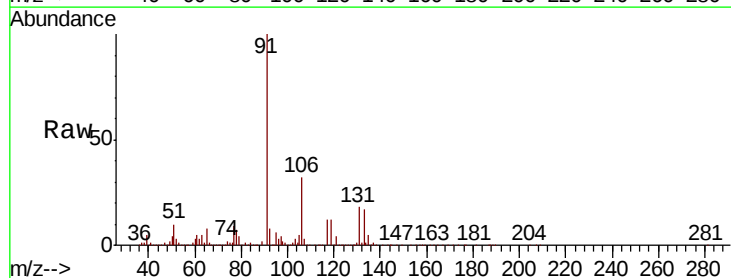
Instrument :
MSVOA_W
ClientSampled :

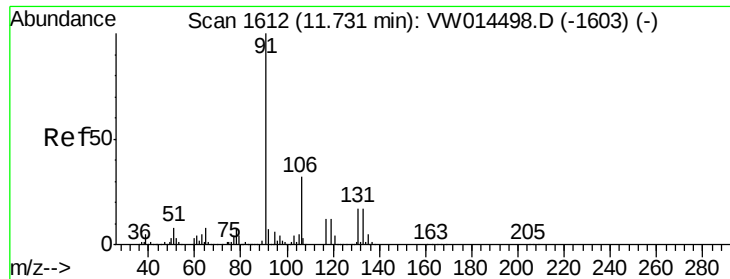
Tot Ion:112 Resp: 997223
Ion Ratio Lower Upper
112 100
114 31.6 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 52.069 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Tgt Ion:131 Resp: 340059
Ion Ratio Lower Upper
131 100
133 94.9 47.3 142.0
119 64.9 33.1 99.3

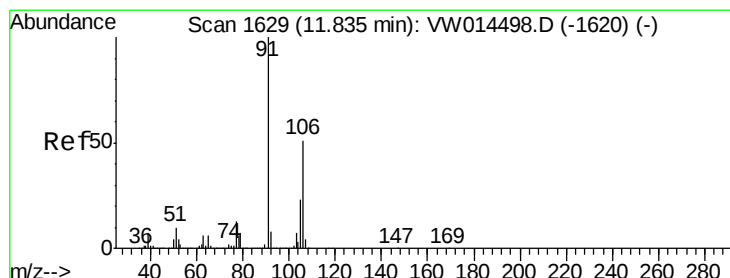
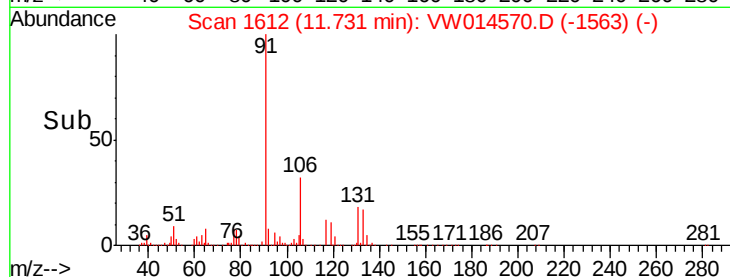
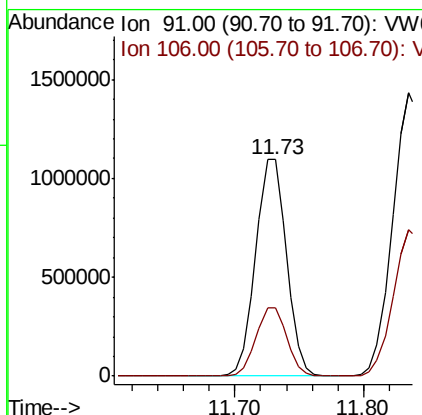
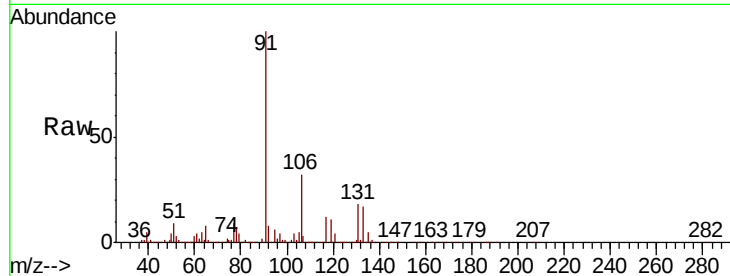




#67
Ethyl Benzene
Concen: 51.931 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

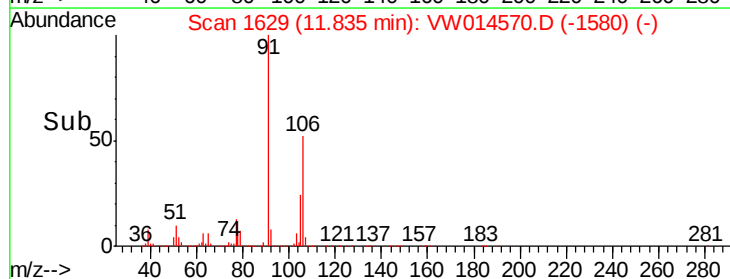
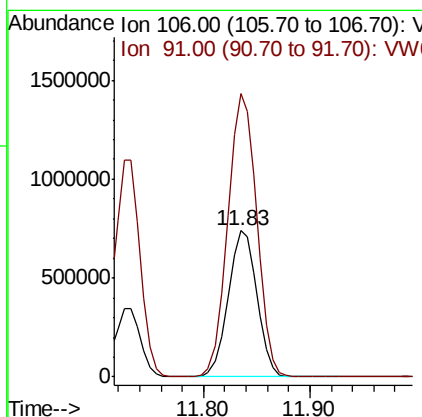
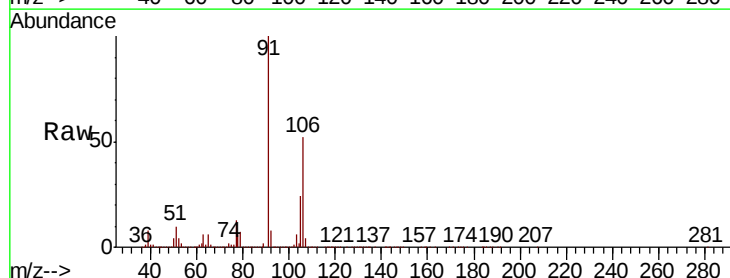
Instrument :
MSVOA_W
ClientSampleId :

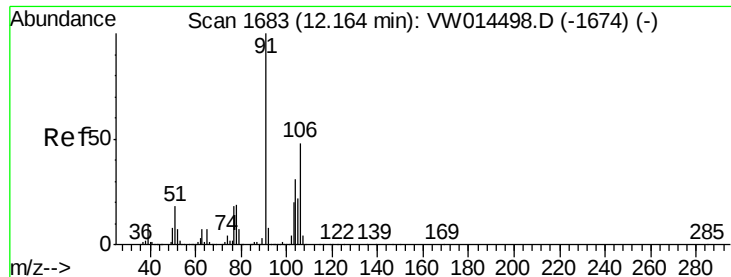
Tot Ion: 91 Resp: 1815317
Ion Ratio Lower Upper
91 100
106 31.6 25.5 38.3



#68
m/p-Xylenes
Concen: 104.068 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Tgt Ion:106 Resp: 1392286
Ion Ratio Lower Upper
106 100
91 195.9 159.0 238.6

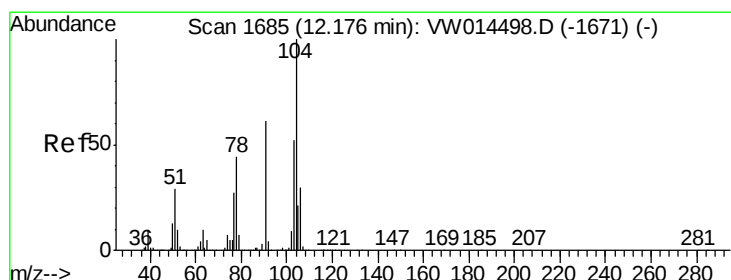
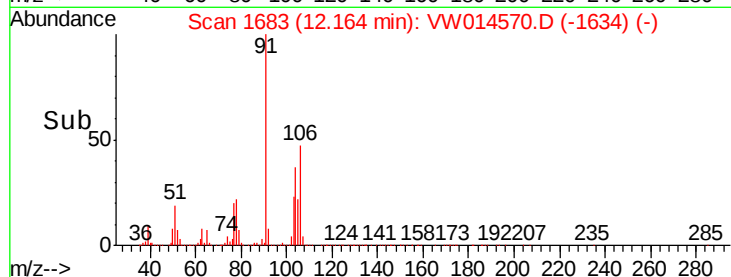
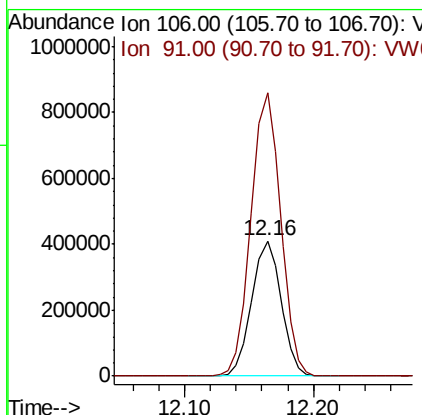
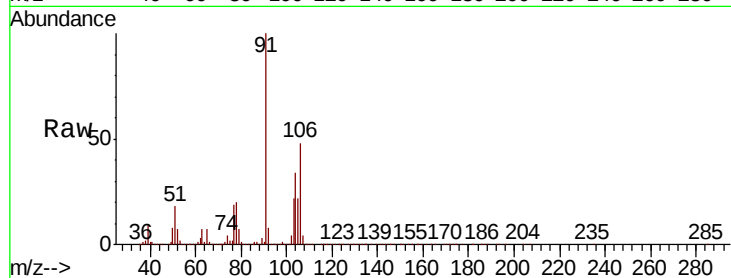




#69
o-Xylene
Concen: 52.445 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

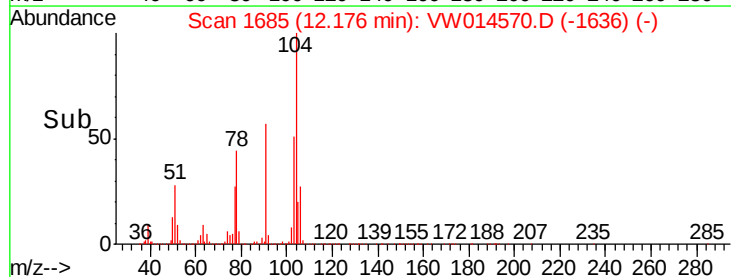
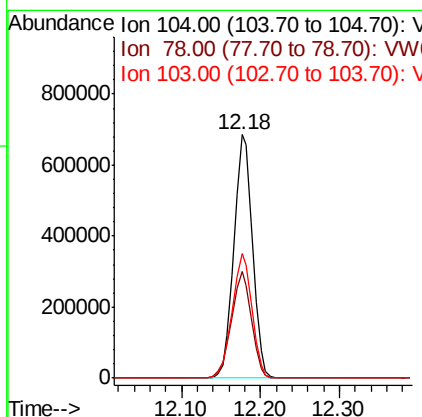
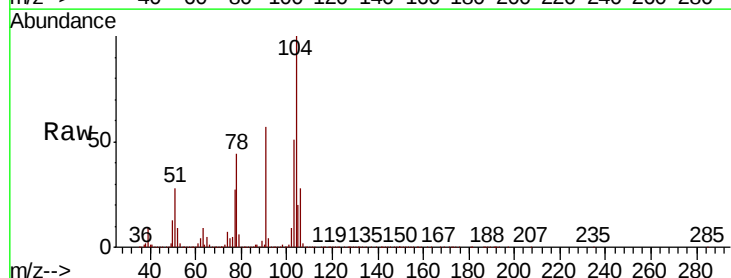
Instrument :
MSVOA_W
ClientSampled :

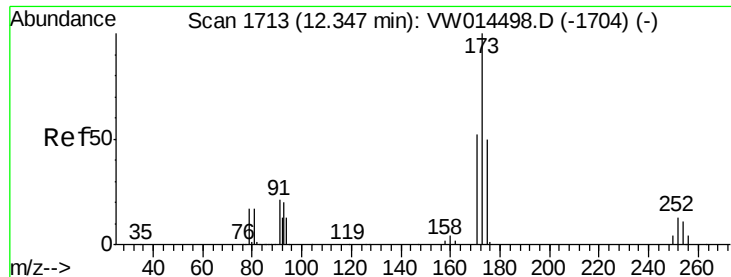
Tot Ion:106 Resp: 648113
Ion Ratio Lower Upper
106 100
91 210.6 105.2 315.6



#70
Styrene
Concen: 54.015 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Tgt Ion:104 Resp: 1129045
Ion Ratio Lower Upper
104 100
78 46.8 38.4 57.6
103 54.2 43.7 65.5





#71

Bromoform

Concen: 50.963 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

ClientSampled :

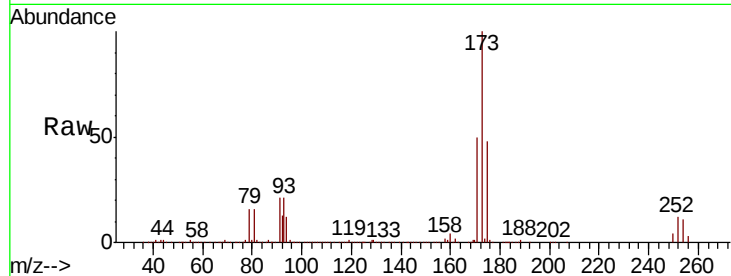
Tot Ion:173 Resp: 181546

Ion Ratio Lower Upper

173 100

175 47.2 24.5 73.5

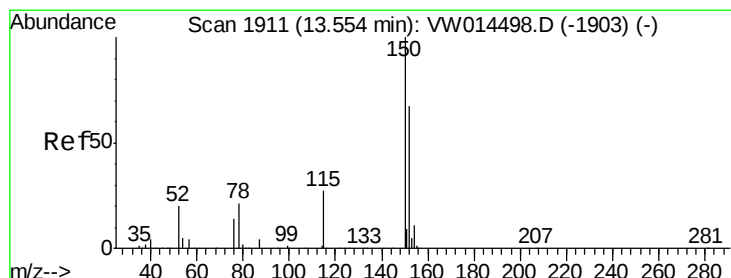
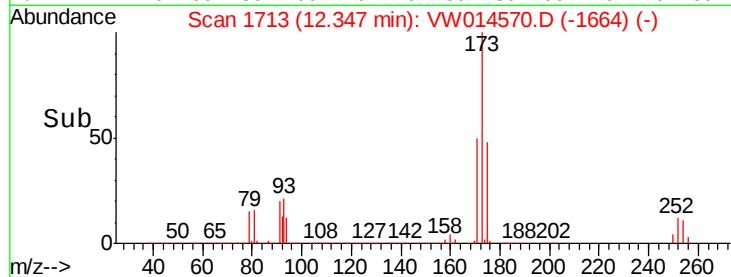
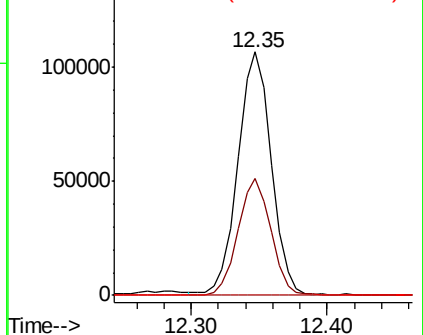
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

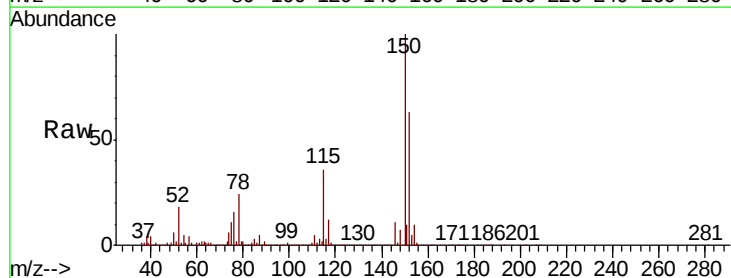
Tgt Ion:152 Resp: 467044

Ion Ratio Lower Upper

152 100

115 56.2 27.7 83.1

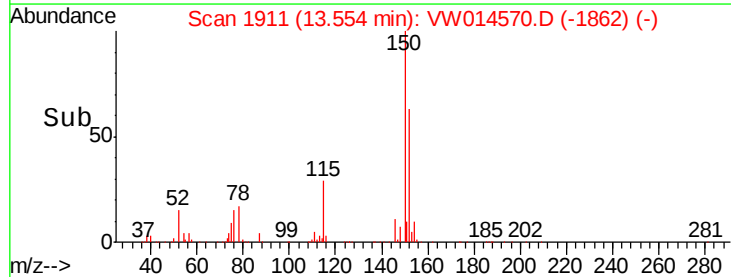
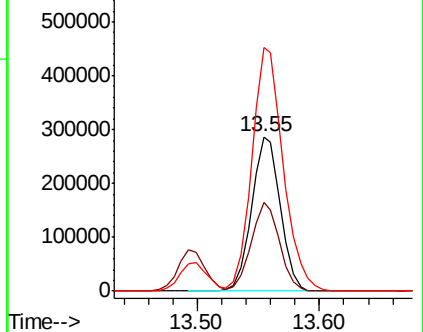
150 172.2 0.0 343.4

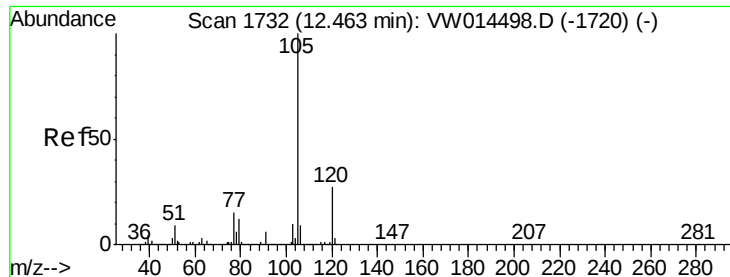


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.292 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

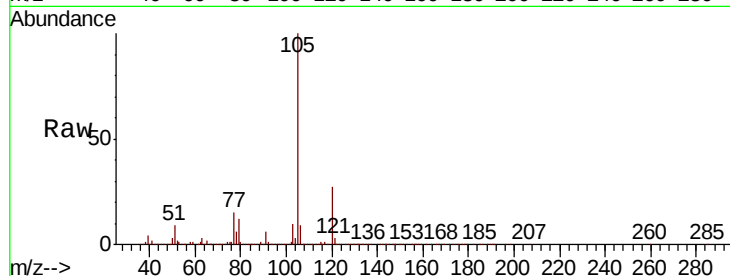
ClientSampled :

Tot Ion:105 Resp: 1757763

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

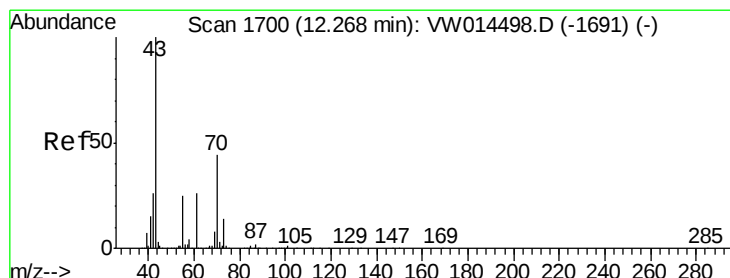
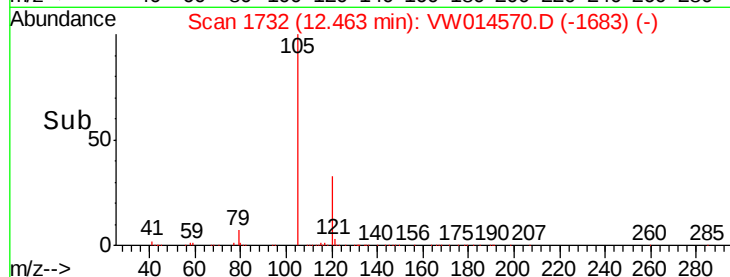
12.46

1000000

500000

0

Time-->



#74

N-ethyl acetate

Concen: 50.722 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Tgt Ion: 43 Resp: 389741

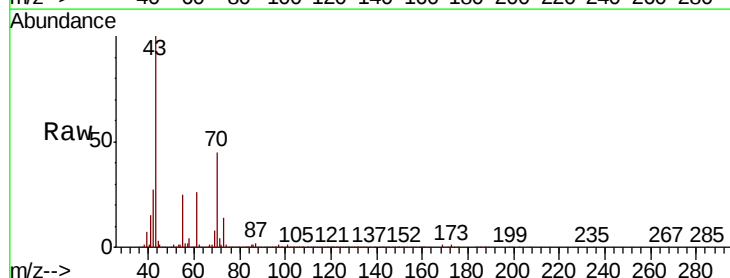
Ion Ratio Lower Upper

43 100

70 46.6 36.5 54.7

55 25.6 20.9 31.3

61 26.7 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

400000

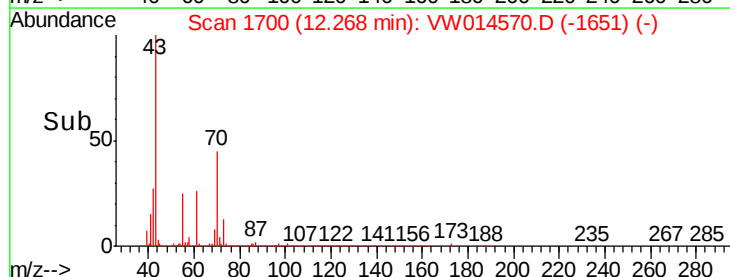
300000

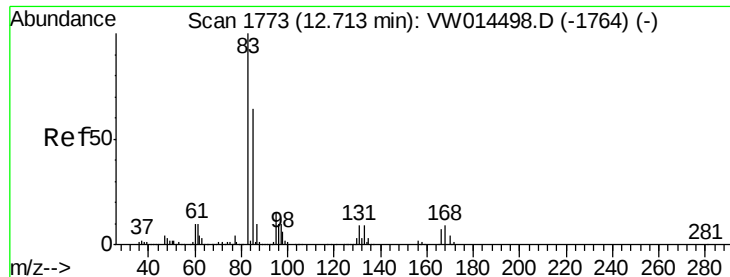
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.015 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

ClientSampleId :

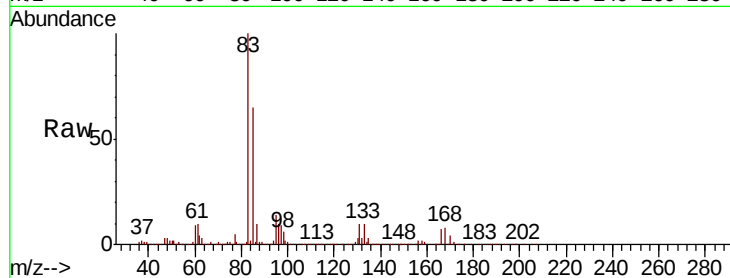
Tot Ion: 83 Resp: 303183

Ion Ratio Lower Upper

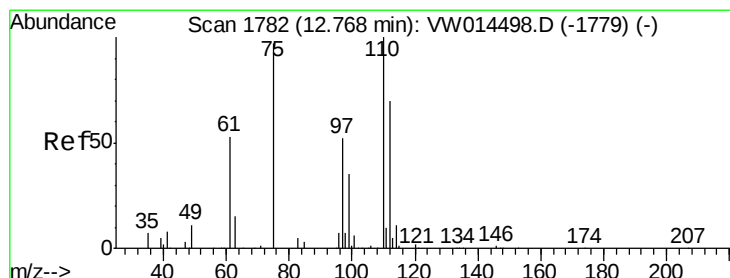
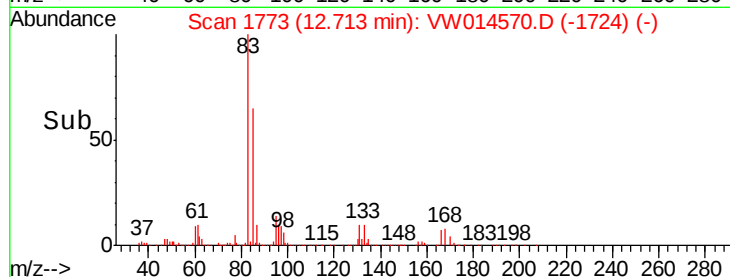
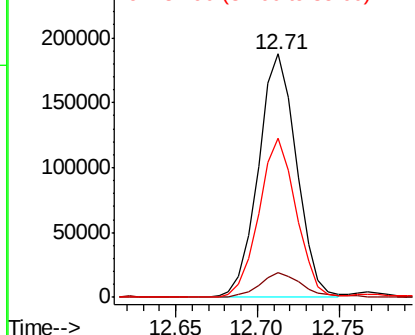
83 100

131 10.7 5.1 15.4

85 64.1 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: 86.926 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW014570.D

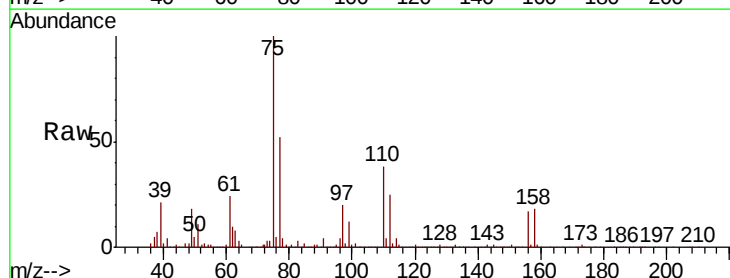
Acq: 08 Jan 2020 19:52

Tgt Ion: 75 Resp: 383852

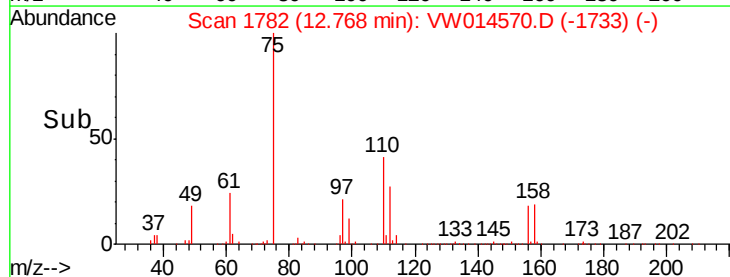
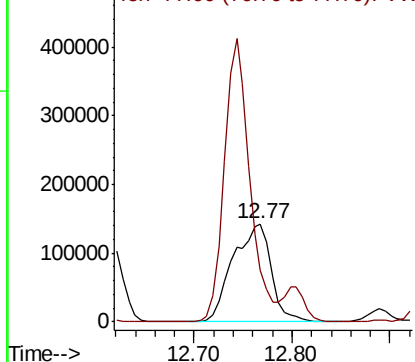
Ion Ratio Lower Upper

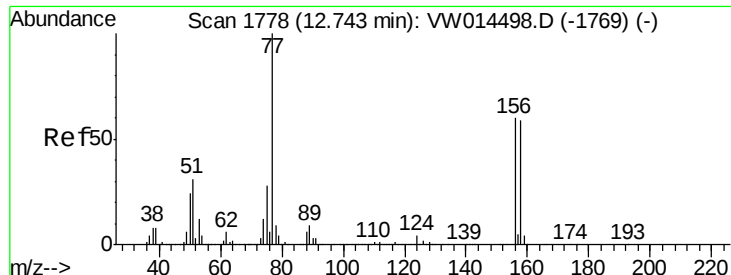
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 51.512 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

ClientSampleId :

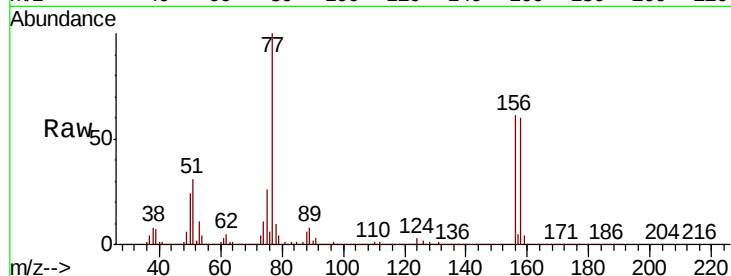
Tot Ion:156 Resp: 410001

Ion Ratio Lower Upper

156 100

77 182.0 92.3 277.1

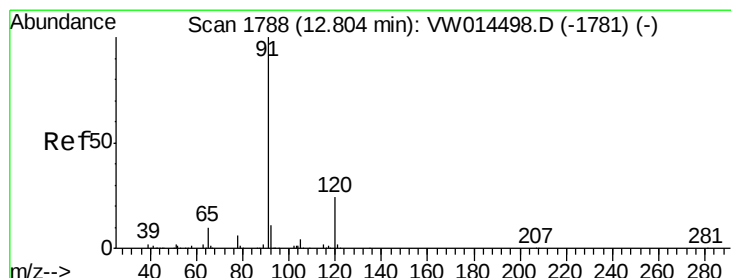
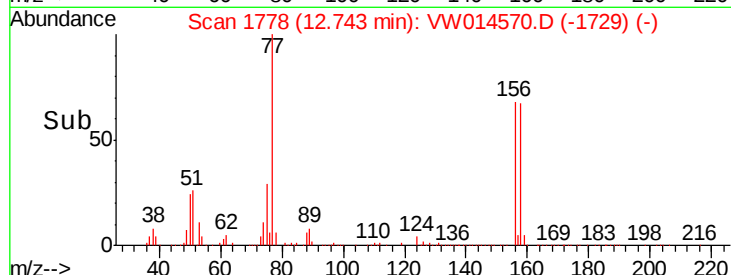
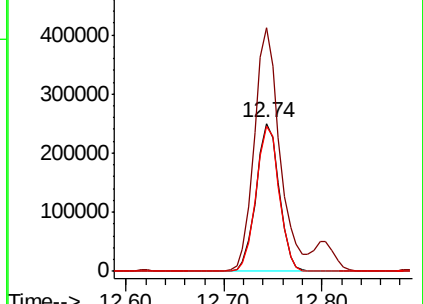
158 98.3 48.6 145.9



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: 51.891 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW014570.D

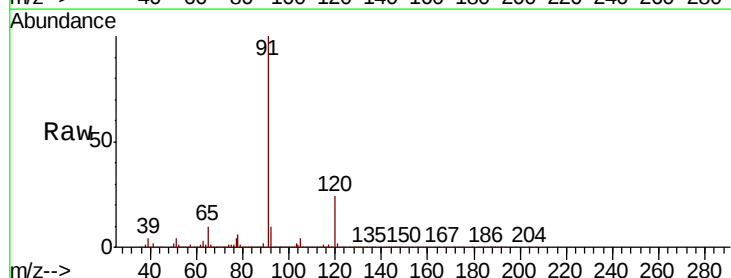
Acq: 08 Jan 2020 19:52

Tgt Ion: 91 Resp: 2091069

Ion Ratio Lower Upper

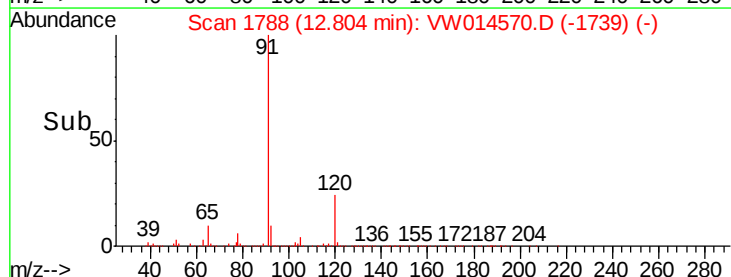
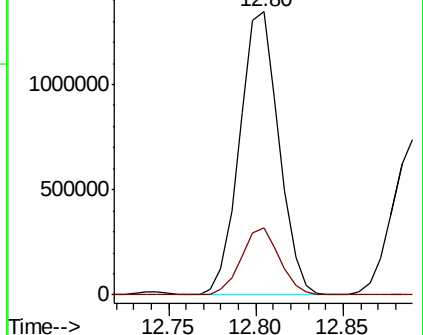
91 100

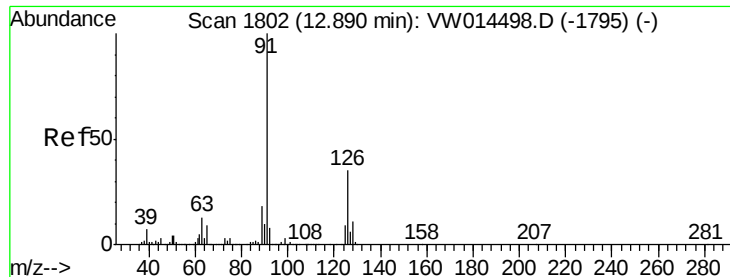
120 23.3 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

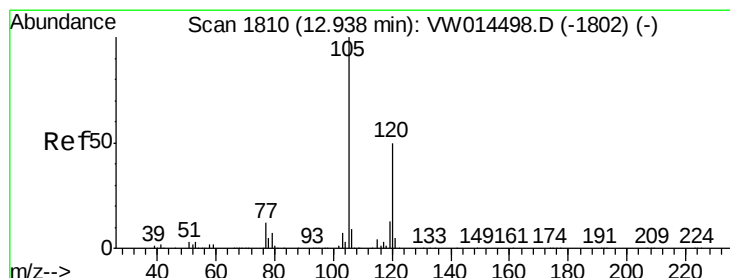
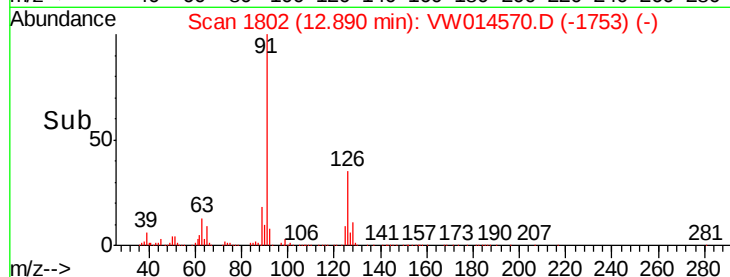
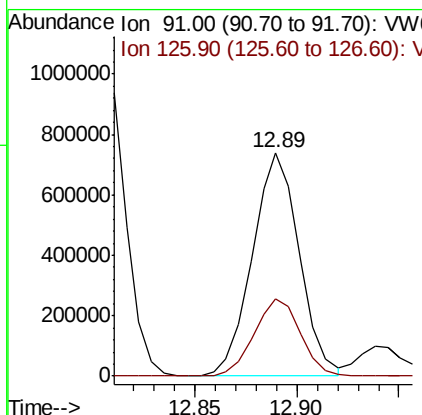
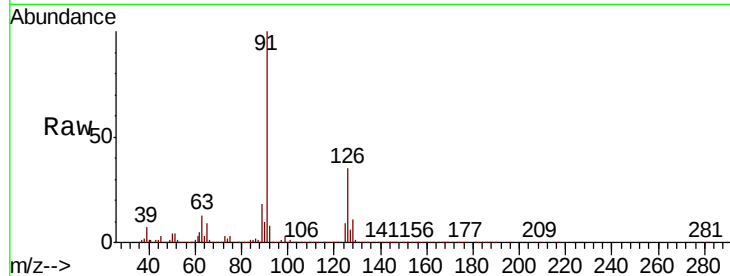




#79
 2-Chlorotoluene
 Concen: 51.304 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW014570.D
 Acq: 08 Jan 2020 19:52

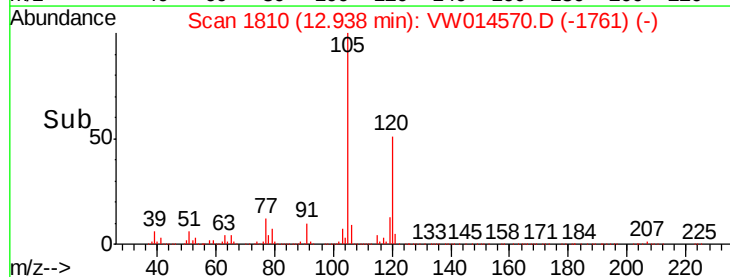
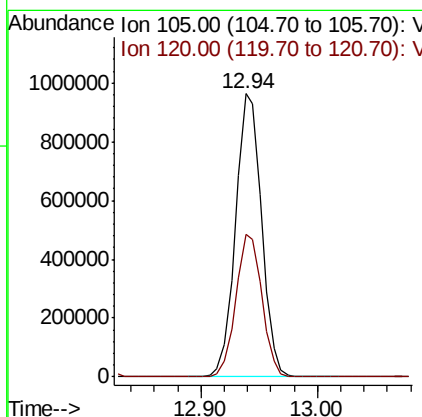
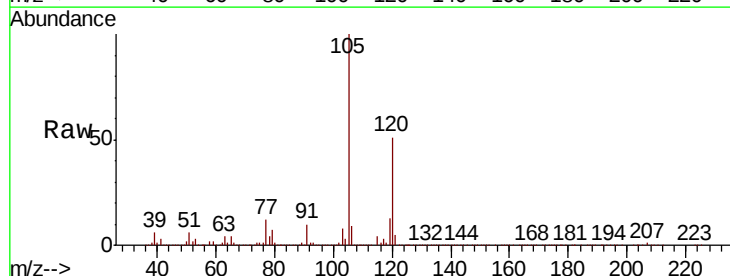
Instrument :
 MSVOA_W
 ClientSampleId :

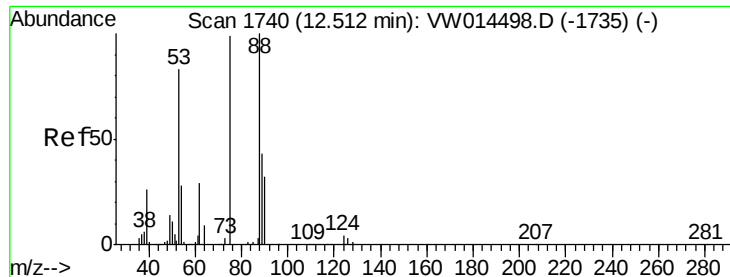
Tot Ion: 91 Resp: 1176523
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.1 51.2



#80
 1,3,5-Trimethylbenzene
 Concen: 51.984 ug/l
 RT: 12.94 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW014570.D
 Acq: 08 Jan 2020 19:52

Tgt Ion: 105 Resp: 1495775
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.2 75.6

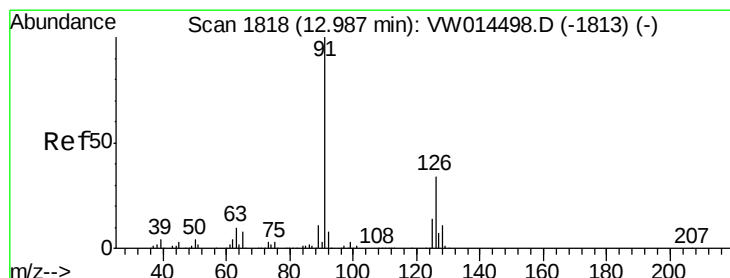
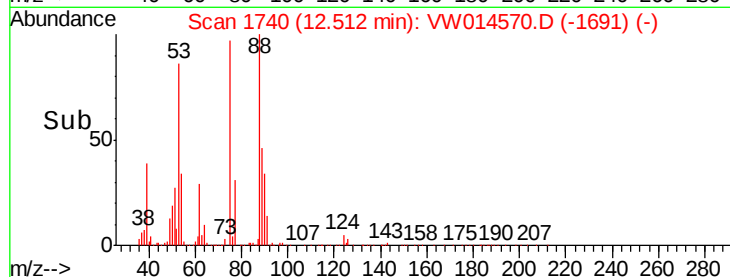
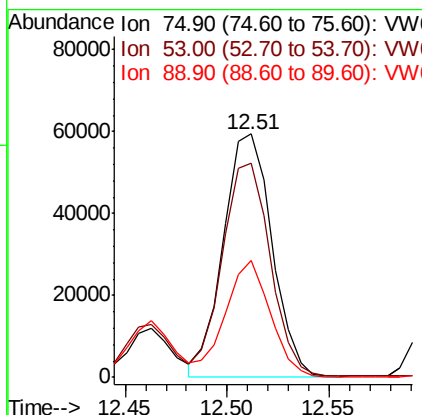
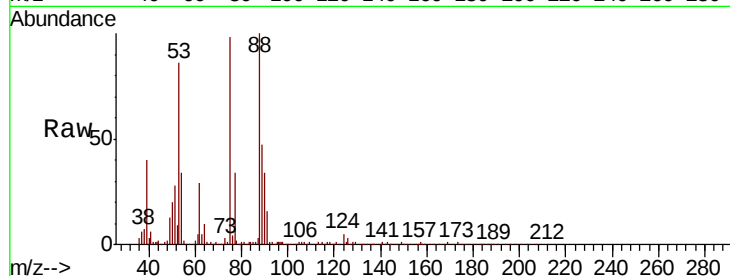




#81
trans-1,4-Dichloro-2-butene
Concen: 49.397 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

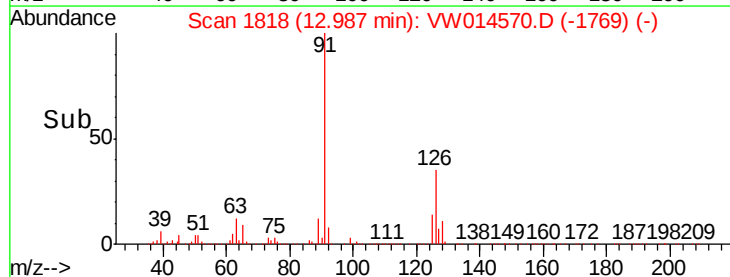
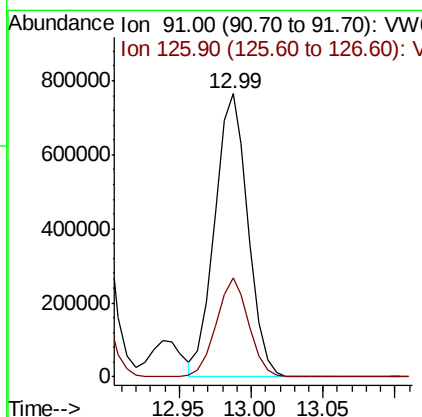
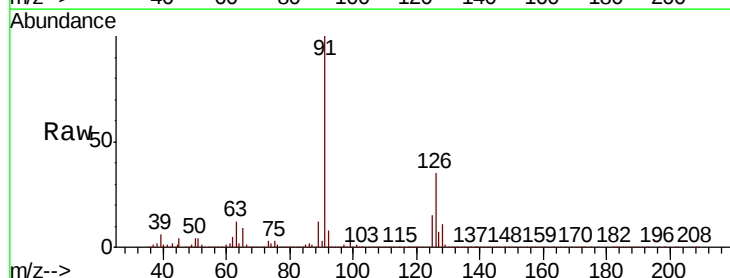
Instrument :
MSVOA_W
ClientSampleId :

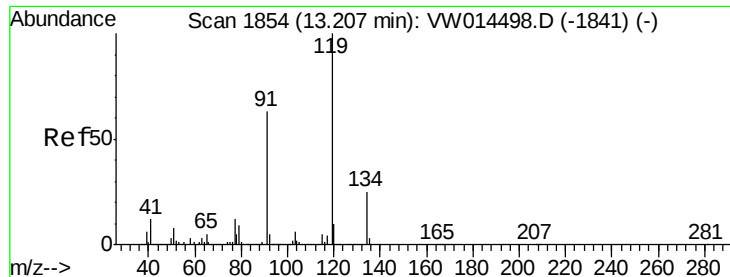
Tot Ion: 75 Resp: 97901
Ion Ratio Lower Upper
75 100
53 87.0 70.9 106.3
89 44.6 35.8 53.8



#82
4-Chlorotoluene
Concen: 51.472 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Tgt Ion: 91 Resp: 1226326
Ion Ratio Lower Upper
91 100
126 34.2 17.1 51.2





#83

tert-Butylbenzene

Concen: 52.295 ug/l

RT: 13.20 min Scan# 1853

Delta R.T. -0.01 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

ClientSampled :

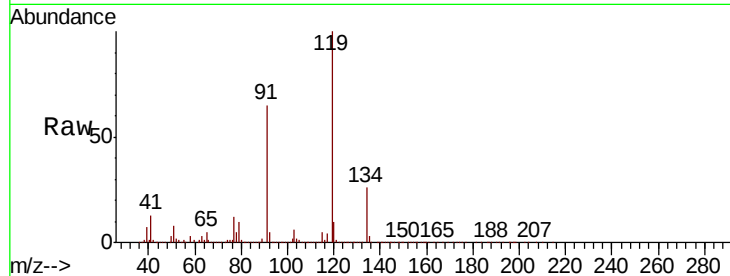
Tot Ion:119 Resp: 1317420

Ion Ratio Lower Upper

119 100

91 61.8 31.1 93.3

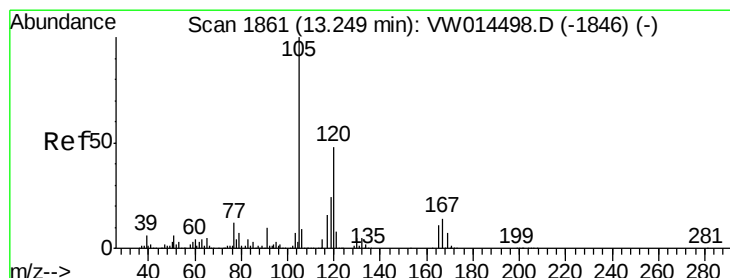
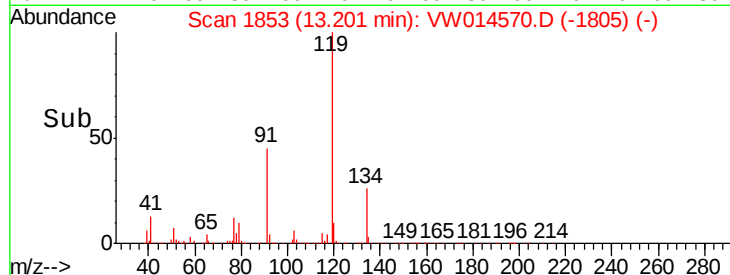
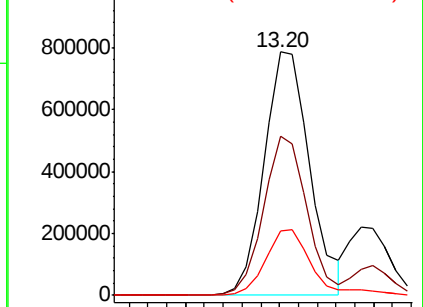
134 27.4 13.5 40.5



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: 52.263 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VW014570.D

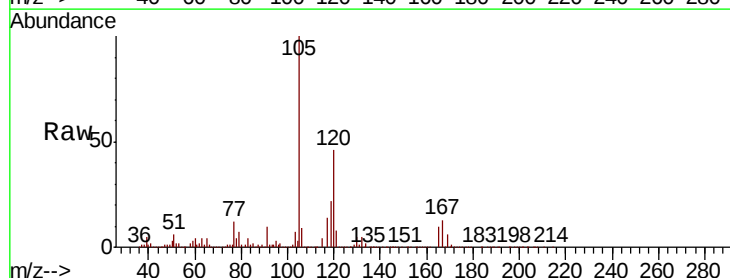
Acq: 08 Jan 2020 19:52

Tgt Ion:105 Resp: 1496493

Ion Ratio Lower Upper

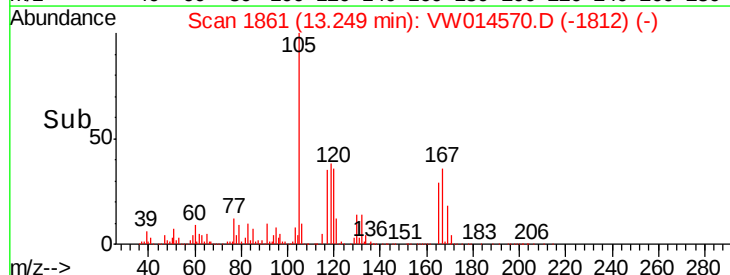
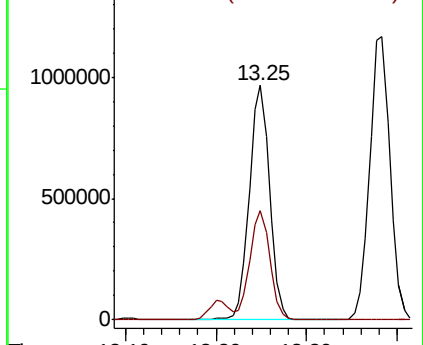
105 100

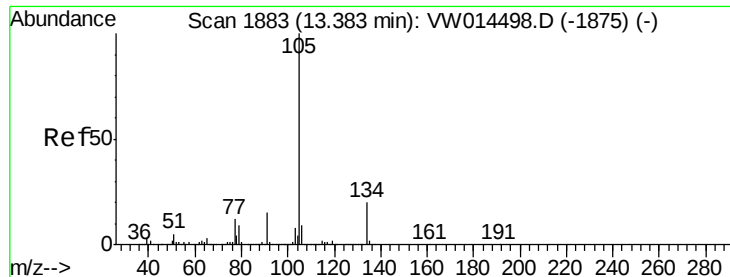
120 46.3 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 52.092 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

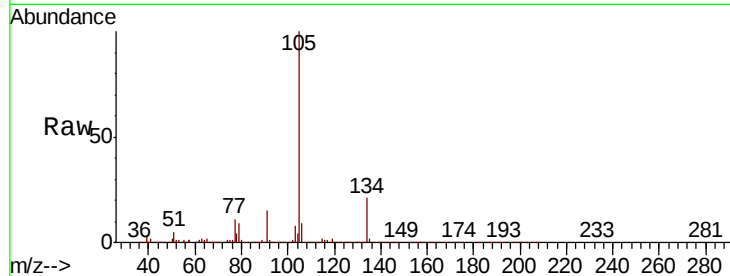
ClientSampled :

Tot Ion:105 Resp: 1816465

Ion Ratio Lower Upper

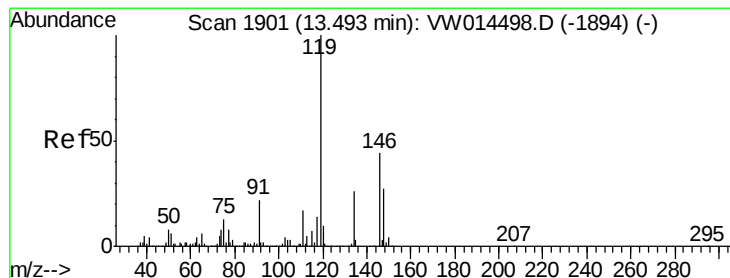
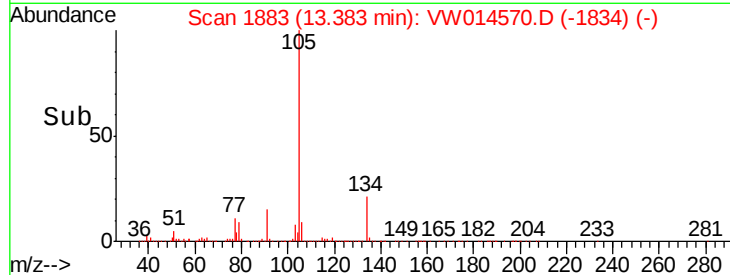
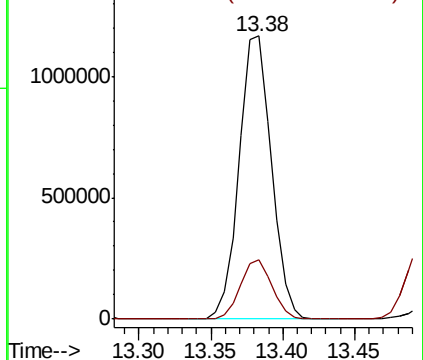
105 100

134 20.6 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: 52.769 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

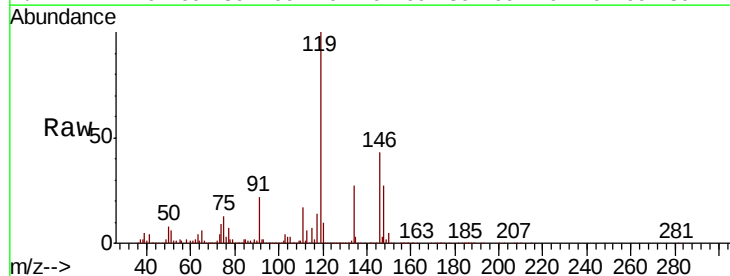
Tgt Ion:119 Resp: 1677242

Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.5

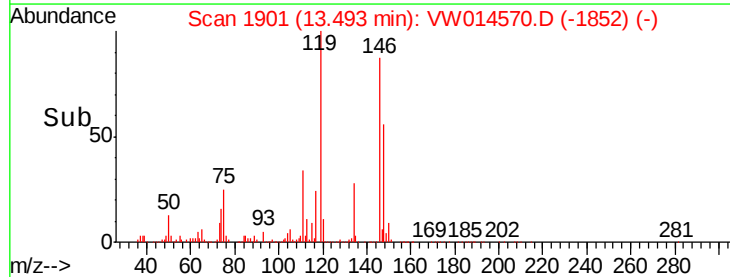
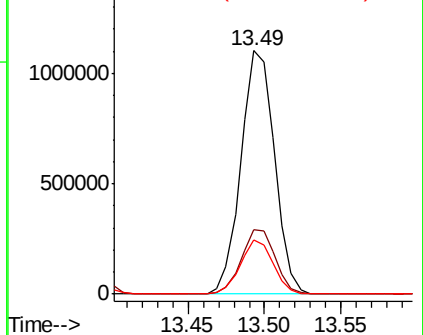
91 21.6 11.1 33.3

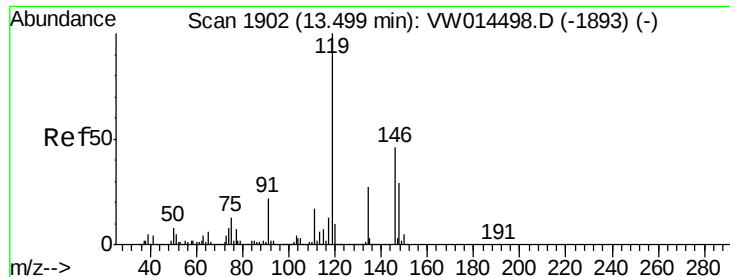


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.770 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

ClientSampleId :

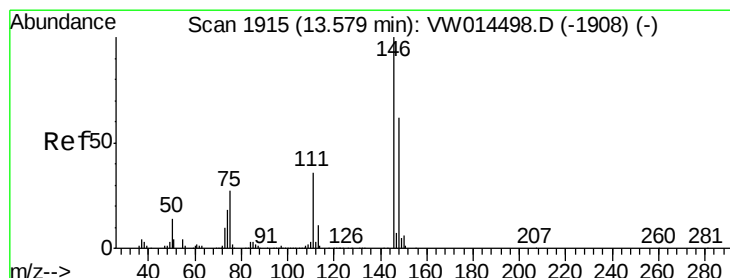
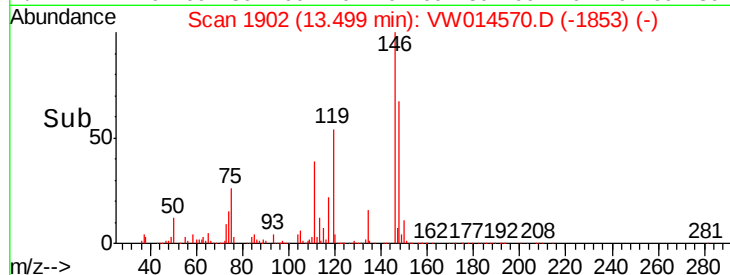
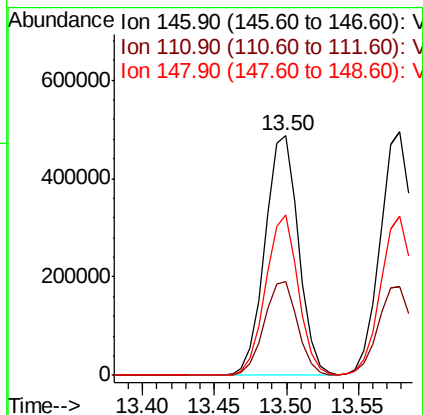
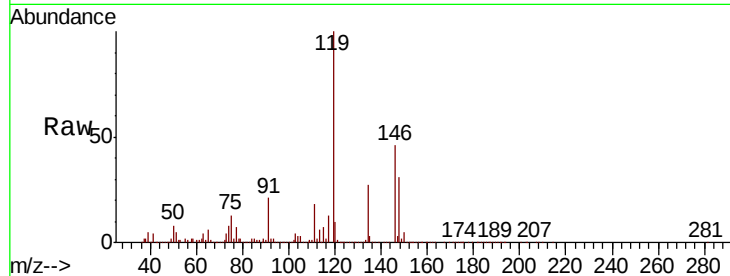
Tot Ion:146 Resp: 785789

Ion Ratio Lower Upper

146 100

111 39.1 19.3 57.9

148 65.1 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 51.305 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

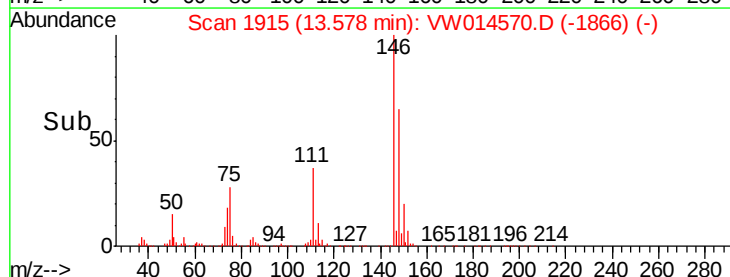
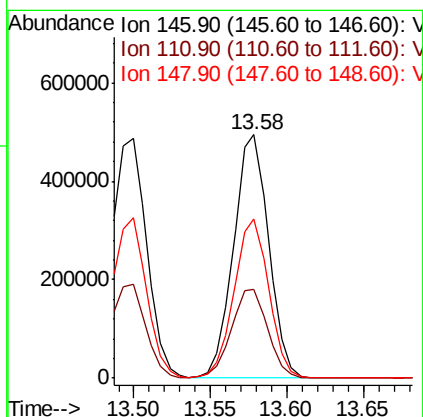
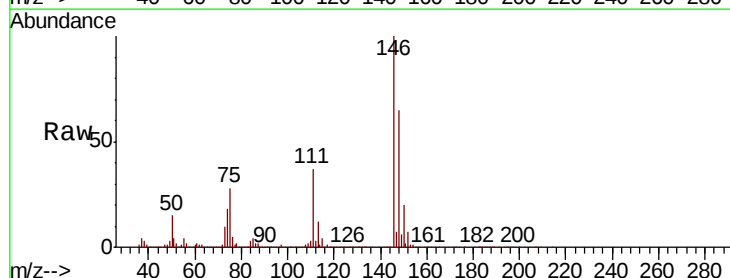
Tgt Ion:146 Resp: 783950

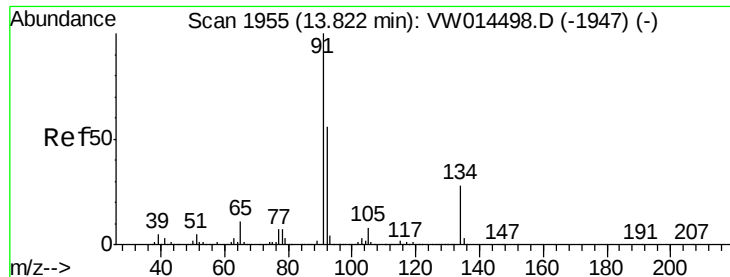
Ion Ratio Lower Upper

146 100

111 37.5 18.7 56.1

148 64.8 31.7 95.1





#89

n-Butylbenzene

Concen: 53.307 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

ClientSampled :

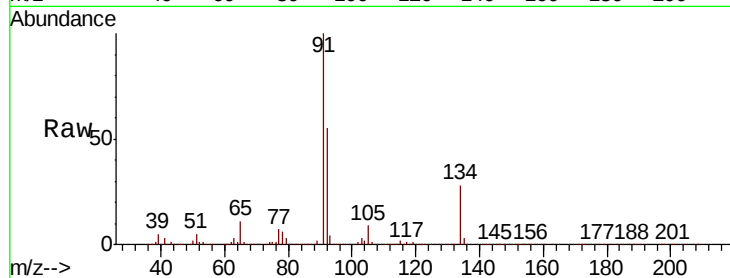
Tot Ion: 91 Resp: 1573408

Ion Ratio Lower Upper

91 100

92 55.1 27.5 82.5

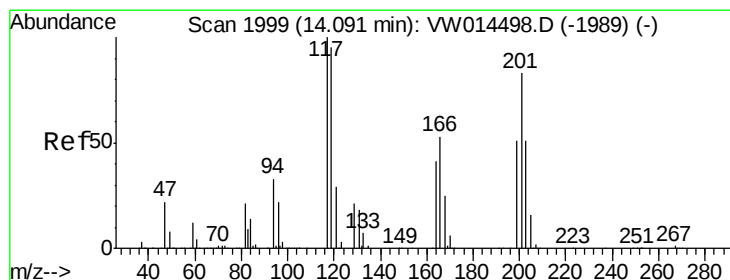
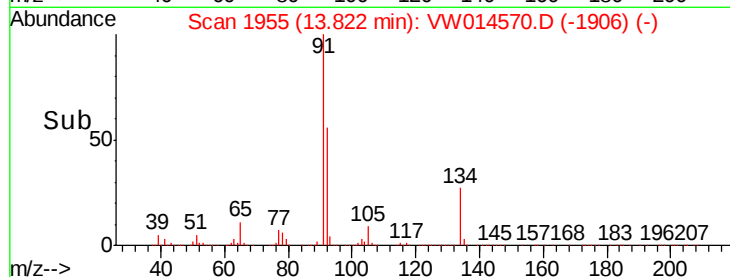
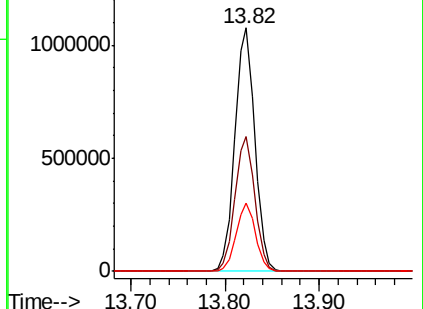
134 27.2 13.7 41.1



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: 50.291 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW014570.D

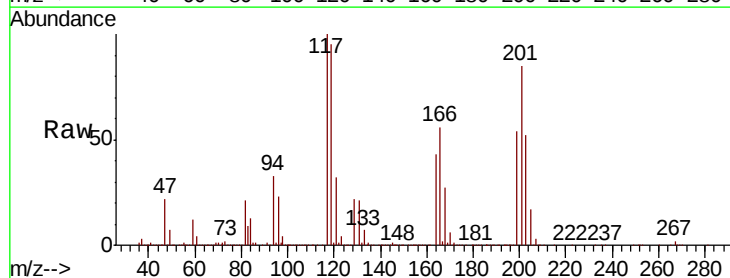
Acq: 08 Jan 2020 19:52

Tgt Ion: 117 Resp: 279241

Ion Ratio Lower Upper

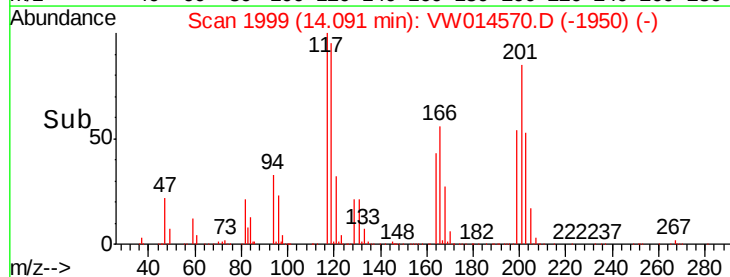
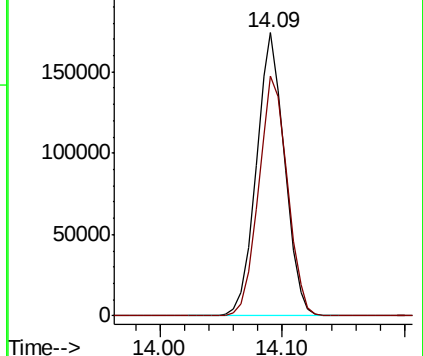
117 100

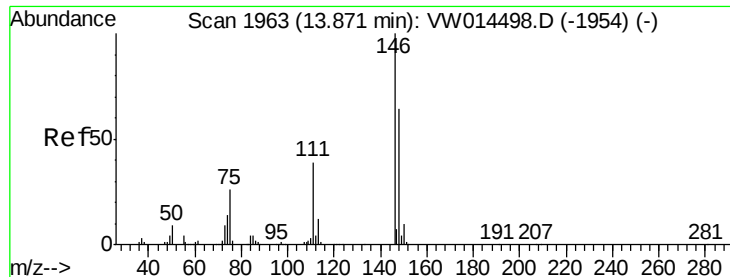
201 86.6 43.0 128.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

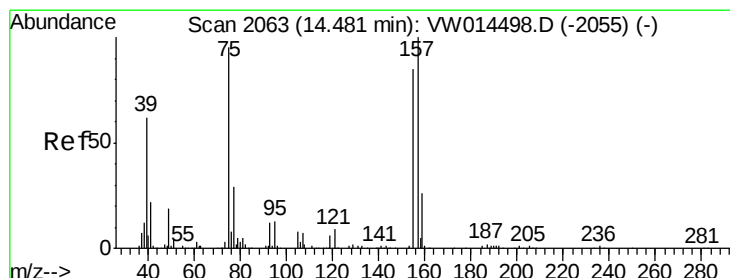
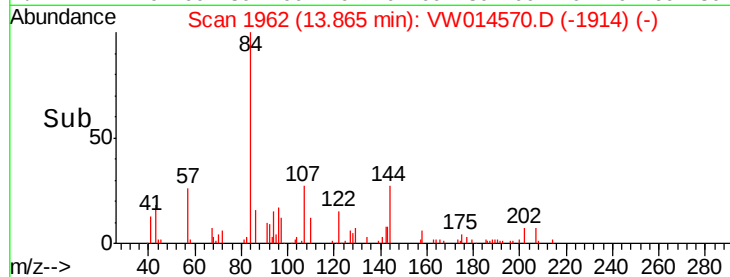
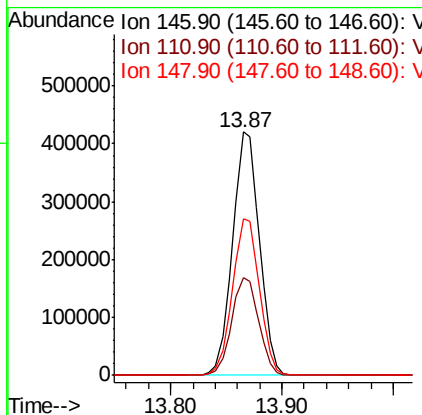
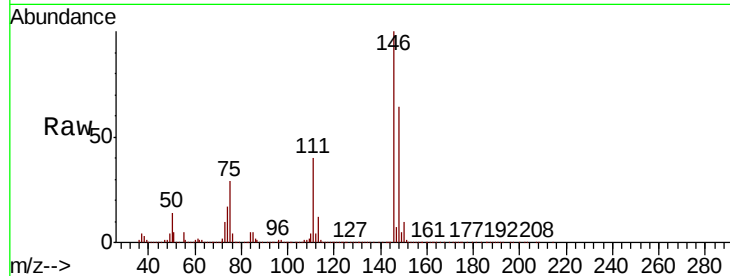




#91
 1,2-Dichlorobenzene
 Concen: 51.531 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW014570.D
 Acq: 08 Jan 2020 19:52

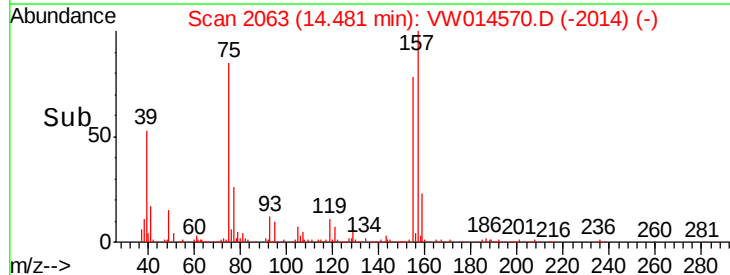
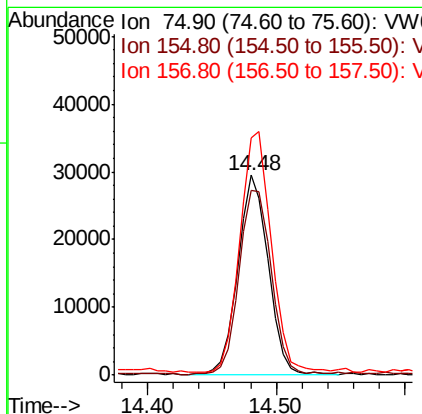
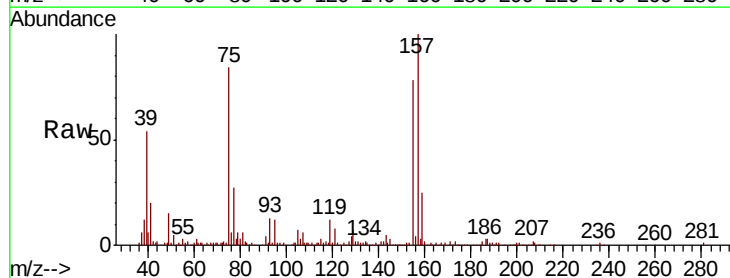
Instrument :
 MSVOA_W
 ClientSampleId :

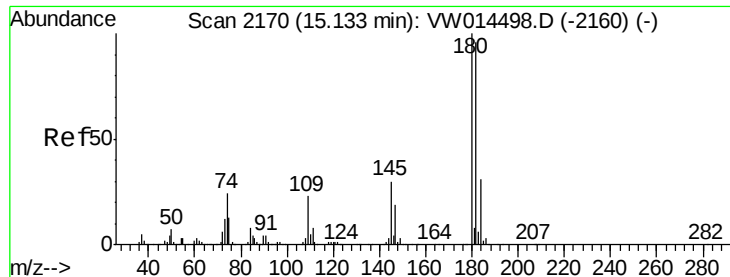
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.4	61.3
148	64.3	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.805 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW014570.D
 Acq: 08 Jan 2020 19:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.6	45.8	137.4
157	125.0	58.1	174.2

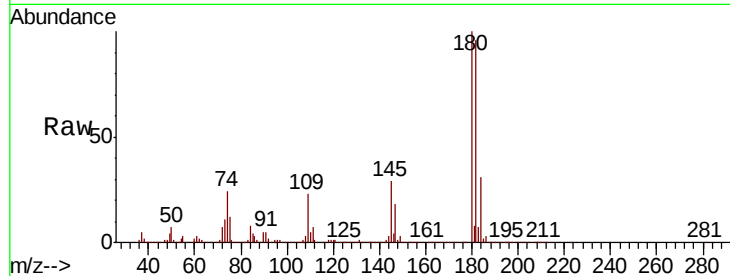




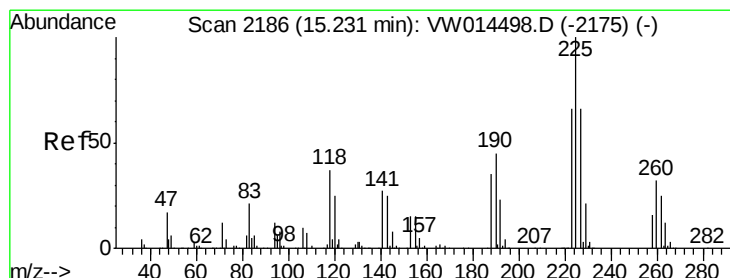
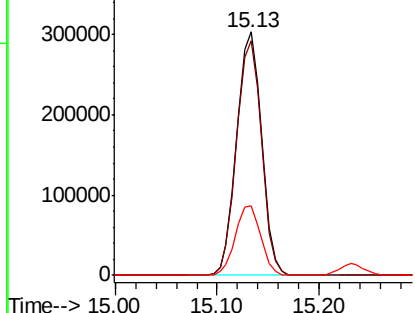
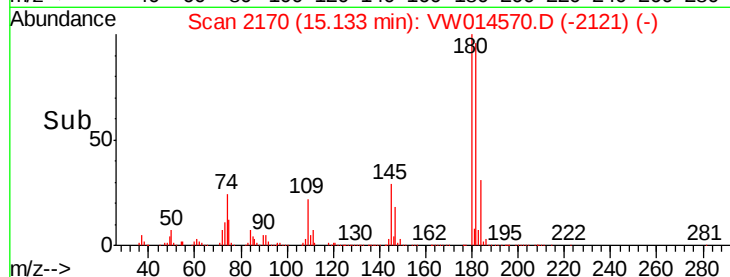
#93
 1,2,4-Trichlorobenzene
 Concen: 55.562 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW014570.D
 Acq: 08 Jan 2020 19:52

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:180 Resp: 510414
 Ion Ratio Lower Upper
 180 100
 182 96.7 47.3 141.8
 145 29.2 14.7 44.1

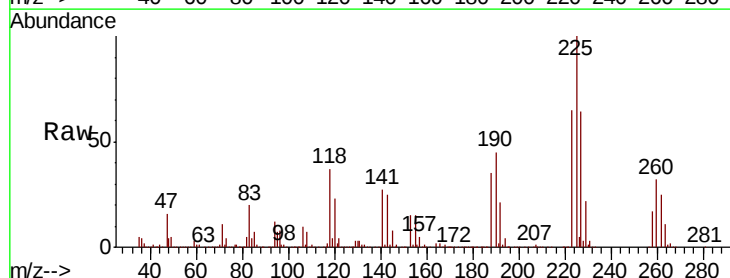


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

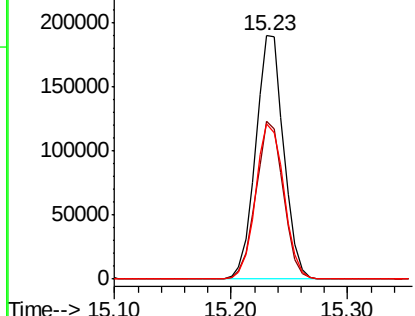
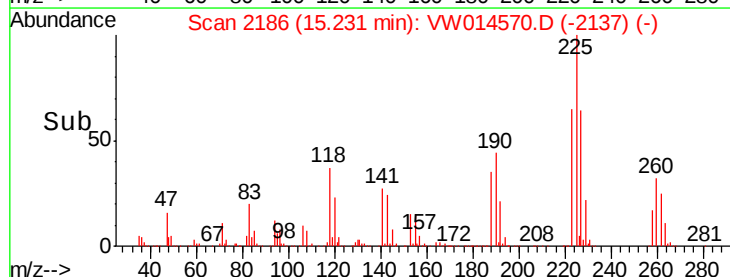


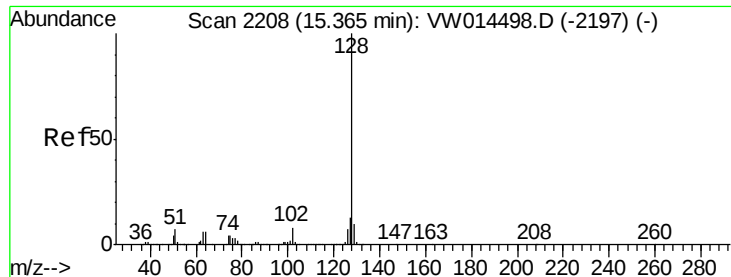
#94
 Hexachlorobutadiene
 Concen: 51.633 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: VW014570.D
 Acq: 08 Jan 2020 19:52

Tgt Ion:225 Resp: 317867
 Ion Ratio Lower Upper
 225 100
 223 63.7 32.4 97.2
 227 64.8 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

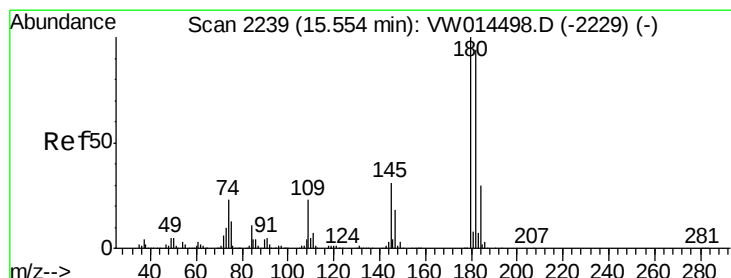
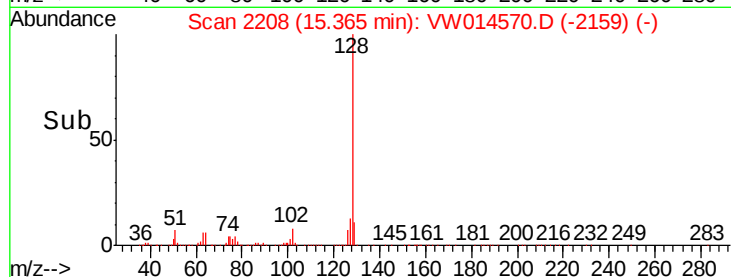
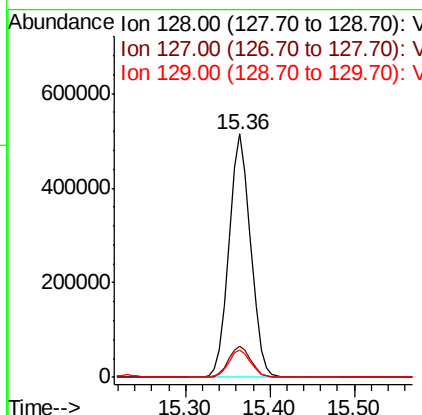
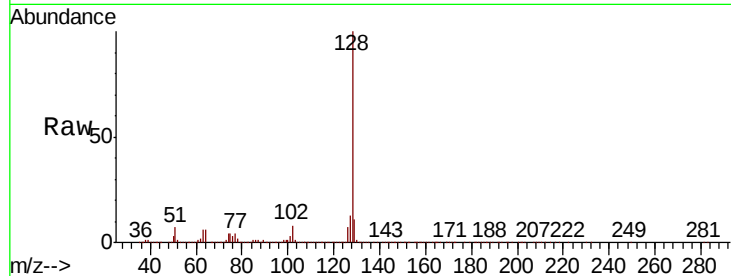




#95
Naphthalene
Concen: 57.312 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 897919
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 56.123 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Tgt Ion:180 Resp: 449402
Ion Ratio Lower Upper
180 100
182 96.1 47.4 142.2
145 30.8 15.5 46.5

