

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012320\
 Data File : VW014720.D
 Acq On : 23 Jan 2020 12:44
 Operator : SY/VA
 Sample : VW0123SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 24 04:09:57 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	7.94	168	684929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1036476	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	885199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	431883	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	315283	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
35) Dibromofluoromethane	7.88	113	306407	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
50) Toluene-d8	10.32	98	1256732	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
62) 4-Bromofluorobenzene	12.62	95	423275	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	84741	21.912	ug/l 100
3) Chloromethane	2.21	50	121296	25.624	ug/l 99
4) Vinyl Chloride	2.36	62	170954	24.554	ug/l 100
5) Bromomethane	2.77	94	98925	23.001	ug/l 98
6) Chloroethane	2.92	64	95278	24.007	ug/l 99
7) Trichlorofluoromethane	3.25	101	86285	24.770	ug/l 95
8) Diethyl Ether	3.67	74	67892	19.588	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	4.05	101	147711	22.694	ug/l 100
10) Methyl Iodide	4.26	142	204413	20.815	ug/l 96
11) Tert butyl alcohol	5.15	59	44691	81.317	ug/l 96
12) 1,1-Dichloroethene	4.03	96	150641	22.101	ug/l 98
13) Acrolein	3.89	56	44022	84.225	ug/l 100
14) Allyl chloride	4.66	41	238223	22.871	ug/l 98
15) Acrylonitrile	5.36	53	154260	97.369	ug/l 99
16) Acetone	4.11	43	154656	91.462	ug/l 97
17) Carbon Disulfide	4.38	76	448632	21.838	ug/l 98
18) Methyl Acetate	4.66	43	80726	19.767	ug/l 98
19) Methyl tert-butyl Ether	5.42	73	177433	20.971	ug/l 98
20) Methylene Chloride	4.91	84	170998	22.519	ug/l 93
21) trans-1,2-Dichloroethene	5.41	96	158310	21.874	ug/l 96
22) Diisopropyl ether	6.30	45	453092	23.240	ug/l 95
23) Vinyl Acetate	6.24	43	1212420	102.984	ug/l 99
24) 1,1-Dichloroethane	6.21	63	279592	22.735	ug/l 100
25) 2-Butanone	7.16	43	201220	92.727	ug/l 96
26) 2,2-Dichloropropane	7.16	77	156933	23.049	ug/l 95
27) cis-1,2-Dichloroethene	7.16	96	162957	21.428	ug/l 96
28) Bromochloromethane	7.50	49	99178	20.570	ug/l 93
29) Tetrahydrofuran	7.52	42	125200	93.131	ug/l 97
30) Chloroform	7.66	83	259047	22.525	ug/l 97
31) Cyclohexane	7.95	56	283788	22.205	ug/l 94
32) 1,1,1-Trichloroethane	7.87	97	216687	23.428	ug/l 96
36) 1,1-Dichloropropene	8.07	75	227958	22.814	ug/l 99
37) Ethyl Acetate	7.24	43	85392	18.843	ug/l 98
38) Carbon Tetrachloride	8.06	117	198106	22.853	ug/l 97

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 ClientSampleId :

Quant Time: Jan 24 04:09:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	267323	20.847	ug/l	92
40) Benzene	8.32	78	628975	22.248	ug/l	99
41) Methacrylonitrile	7.47	41	49079	19.428	ug/l	98
42) 1,2-Dichloroethane	8.40	62	162577	22.160	ug/l	97
43) Isopropyl Acetate	8.42	43	156658	19.037	ug/l	96
44) Trichloroethene	9.09	130	161118	21.061	ug/l	95
45) 1,2-Dichloropropane	9.37	63	154384	22.254	ug/l	98
46) Dibromomethane	9.45	93	69913	20.414	ug/l	98
47) Bromodichloromethane	9.64	83	184250	21.791	ug/l	99
48) Methyl methacrylate	9.43	41	76337	19.000	ug/l	98
49) 1,4-Dioxane	9.45	88	23932	373.611	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	404887	94.746	ug/l	98
52) Toluene	10.38	92	390076	21.932	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	177148	20.235	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	223002	20.842	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	100443	20.081	ug/l	97
56) Ethyl methacrylate	10.64	69	120403	18.522	ug/l	97
57) 1,3-Dichloropropane	10.93	76	180851	20.572	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	191334	96.780	ug/l	98
59) 2-Hexanone	10.96	43	275074	93.411	ug/l	96
60) Dibromochloromethane	11.12	129	111365	19.733	ug/l	97
61) 1,2-Dibromoethane	11.23	107	92591	19.501	ug/l	99
64) Tetrachloroethene	10.86	164	134937	21.056	ug/l	97
65) Chlorobenzene	11.65	112	388247	21.409	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	128661	21.071	ug/l	98
67) Ethyl Benzene	11.73	91	721496	22.076	ug/l	97
68) m/p-Xylenes	11.83	106	546076	43.657	ug/l	98
69) o-Xylene	12.16	106	247770	21.444	ug/l	99
70) Styrene	12.18	104	416524	21.314	ug/l	98
71) Bromoform	12.35	173	62447	18.750	ug/l #	99
73) Isopropylbenzene	12.46	105	689392	21.755	ug/l	99
74) N-amyl acetate	12.27	43	139284	19.603	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	111245	19.449	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	141588	34.674	ug/l #	100
77) Bromobenzene	12.74	156	153593	20.868	ug/l	98
78) n-propylbenzene	12.80	91	841628	22.586	ug/l	98
79) 2-Chlorotoluene	12.89	91	469798	22.154	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	591600	22.234	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	34175	18.647	ug/l	94
82) 4-Chlorotoluene	12.99	91	491184	22.295	ug/l	98
83) tert-Butylbenzene	13.20	119	506342	21.735	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	586608	22.154	ug/l	99
85) sec-Butylbenzene	13.38	105	711408	22.062	ug/l	99
86) p-Isopropyltoluene	13.49	119	650033	22.116	ug/l	99
87) 1,3-Dichlorobenzene	13.49	146	307596	21.492	ug/l	99
88) 1,4-Dichlorobenzene	13.57	146	301330	21.326	ug/l	99
89) n-Butylbenzene	13.82	91	611496	22.404	ug/l	99
90) Hexachloroethane	14.09	117	111606	21.737	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	267120	21.235	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	17789	19.639	ug/l	89

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Quant Time: Jan 24 04:09:57 2020
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Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
Response via : Initial Calibration

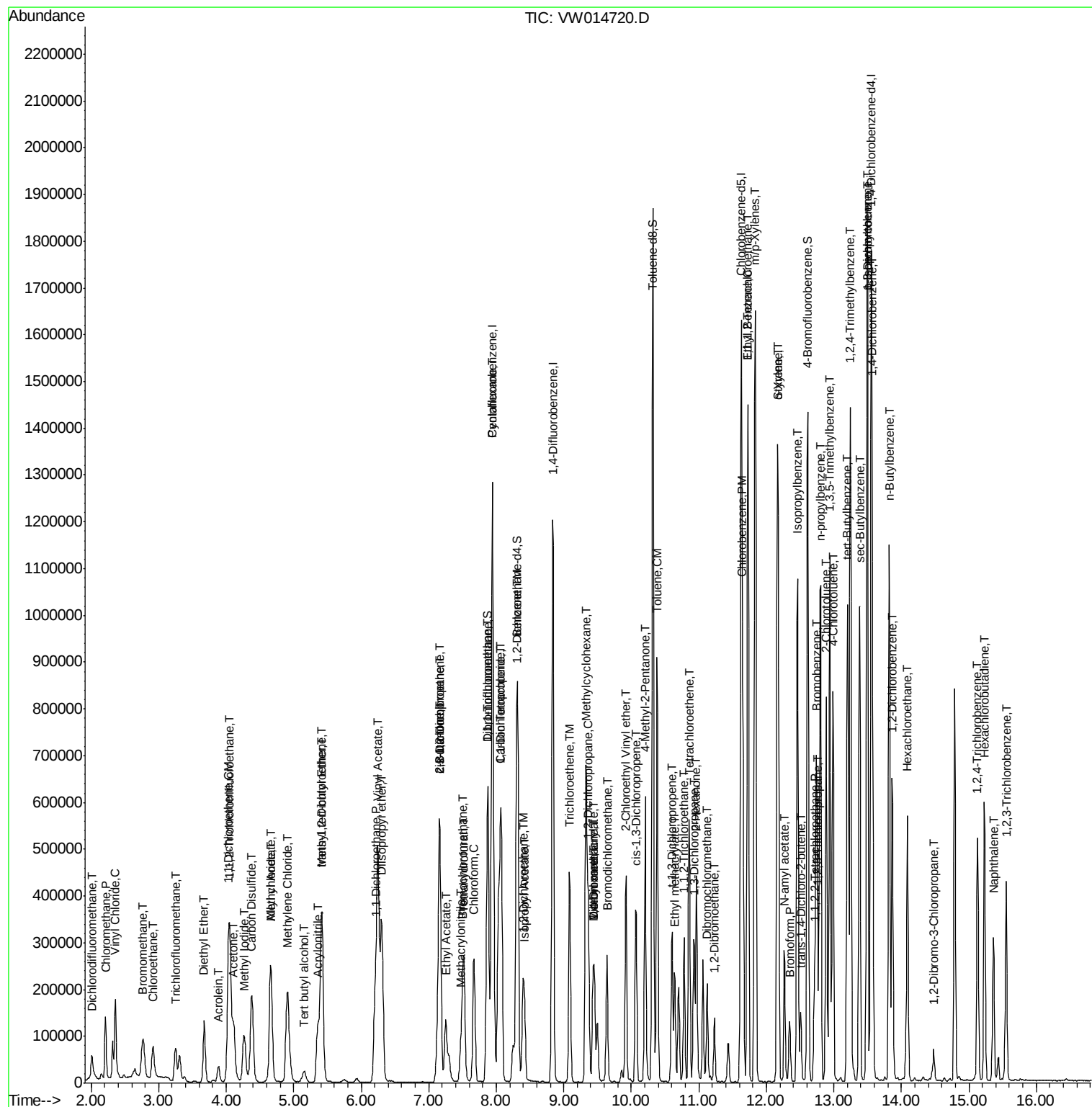
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	178891	21.059	ug/l	99
94) Hexachlorobutadiene	15.23	225	123593	21.710	ug/l	97
95) Naphthalene	15.36	128	269375	18.593	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	149887	20.242	ug/l	99

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

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Quant Time: Jan 24 04:09:57 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW014720.D

Acq: 23 Jan 2020 12:44

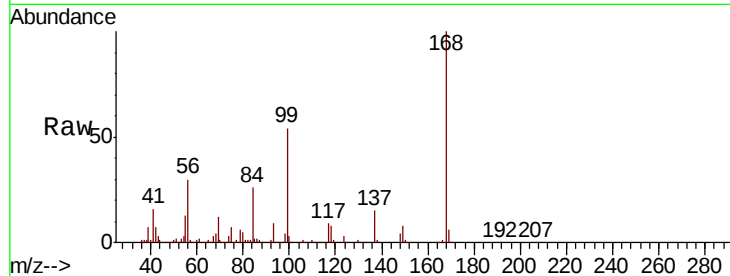
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 684929

Ion Ratio Lower Upper

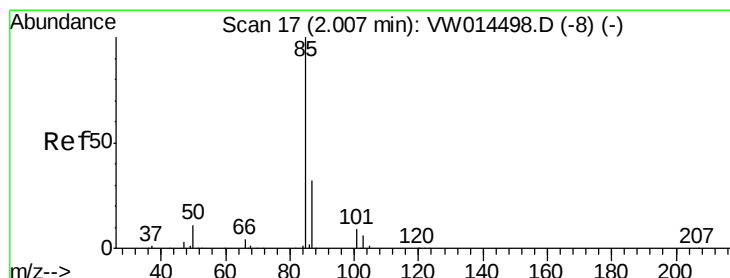
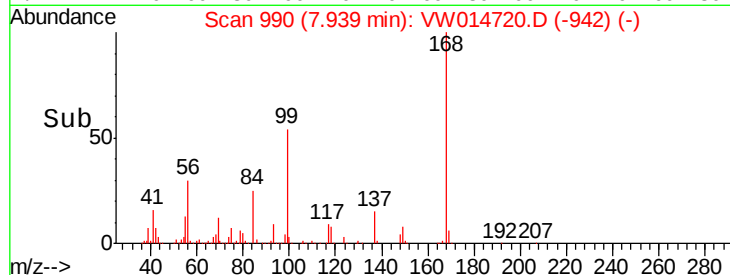
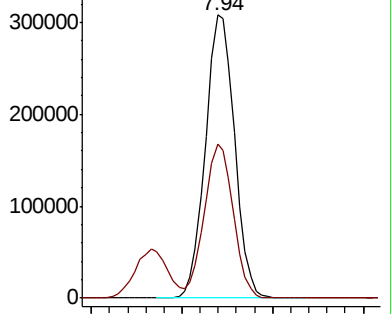
168 100

99 54.2 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 21.912 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW014720.D

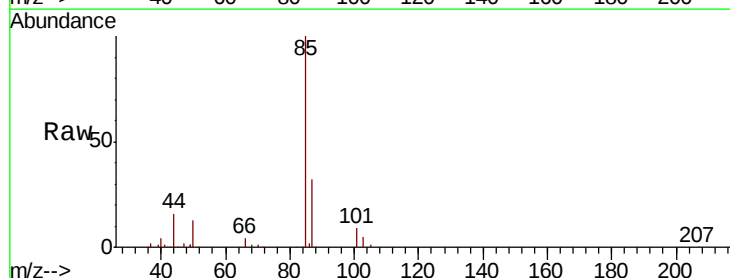
Acq: 23 Jan 2020 12:44

Tgt Ion: 85 Resp: 84741

Ion Ratio Lower Upper

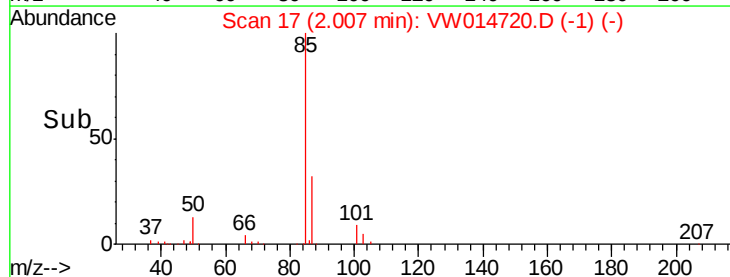
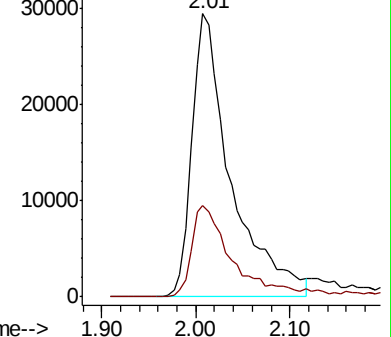
85 100

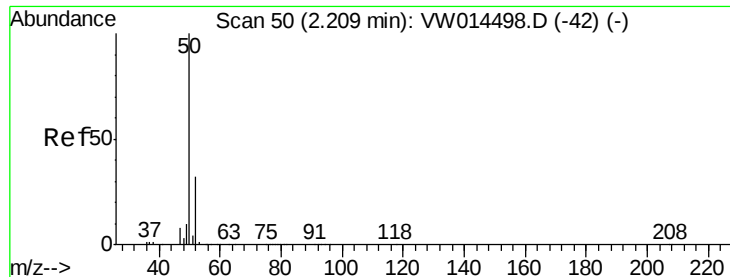
87 32.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 25.624 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW014720.D

Acq: 23 Jan 2020 12:44

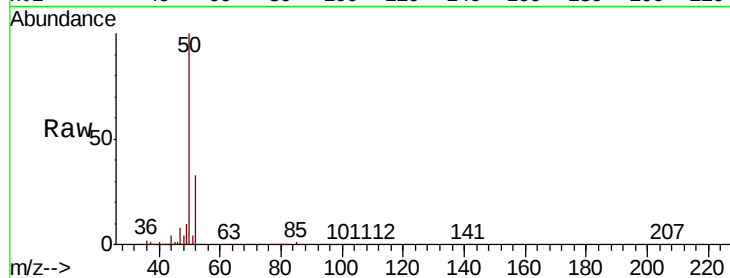
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 50 Resp: 121296

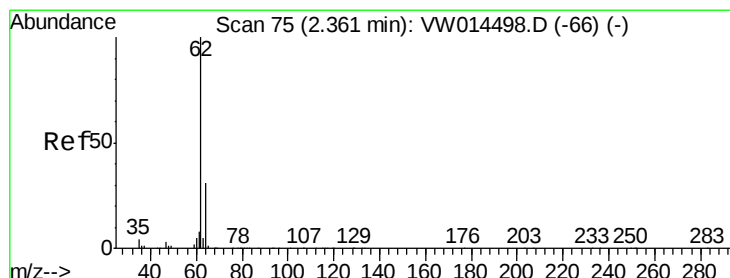
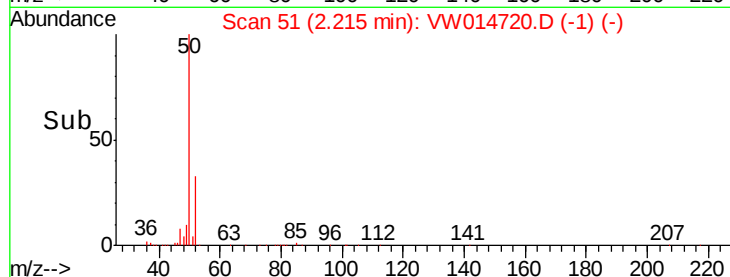
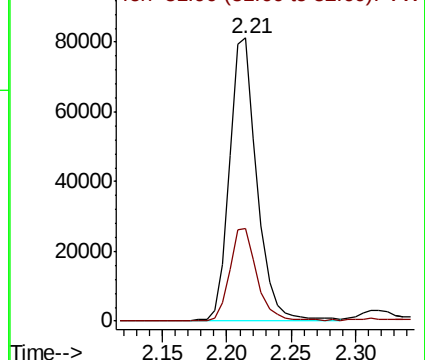
Ion Ratio Lower Upper

50 100

52 32.9 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VW
Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 24.554 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW014720.D

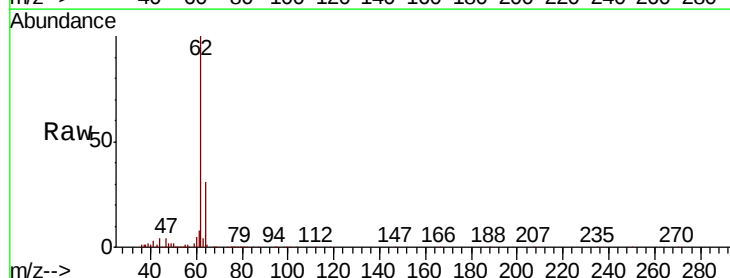
Acq: 23 Jan 2020 12:44

Tgt Ion: 62 Resp: 170954

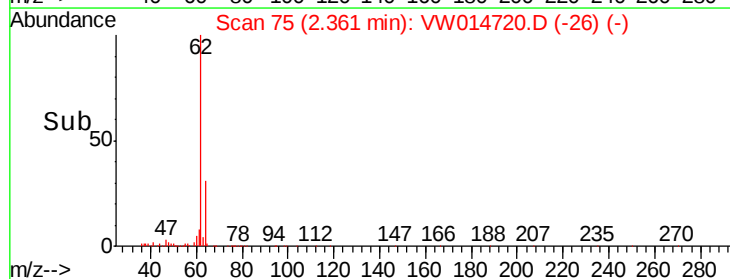
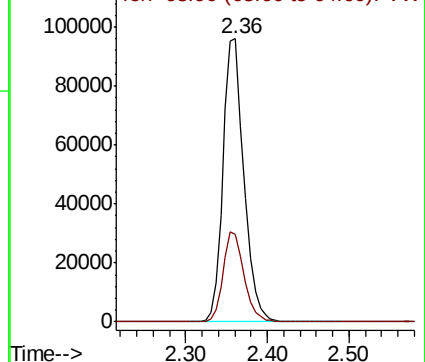
Ion Ratio Lower Upper

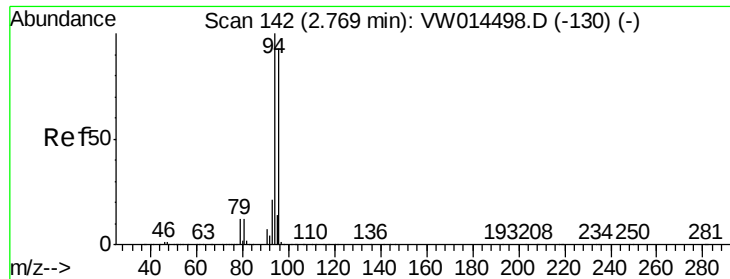
62 100

64 31.0 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 23.001 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW014720.D

Acq: 23 Jan 2020 12:44

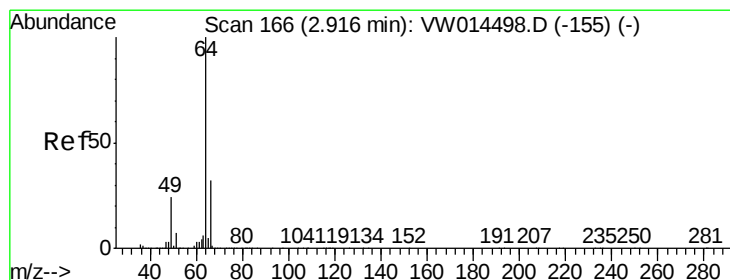
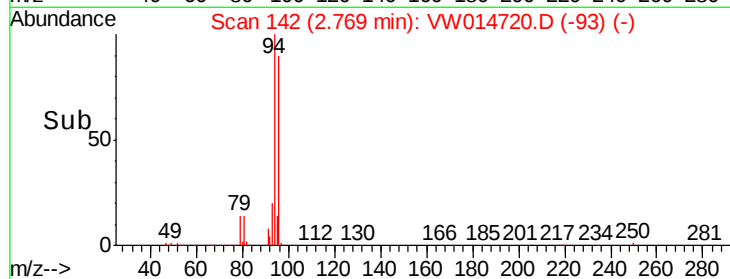
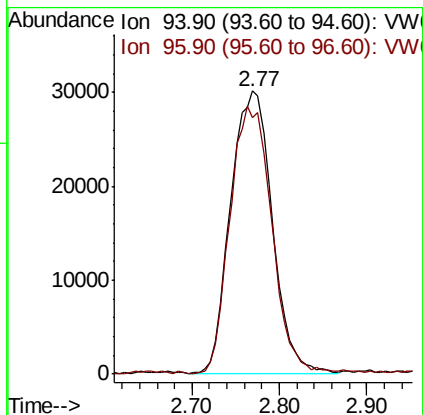
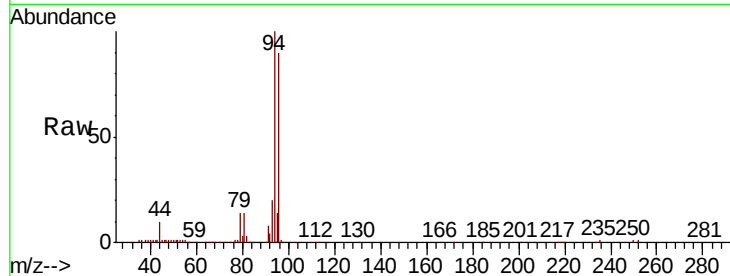
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 94 Resp: 98925

Ion Ratio Lower Upper

94 100

96 90.4 74.2 111.2



#6

Chloroethane

Concen: 24.007 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW014720.D

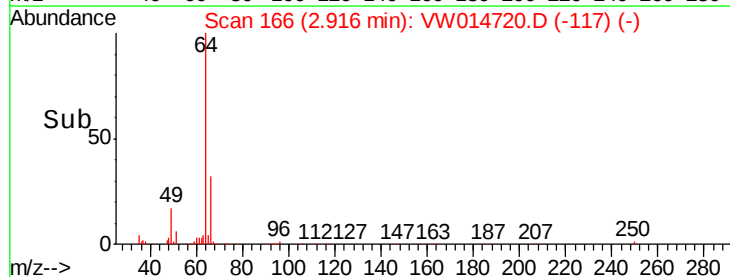
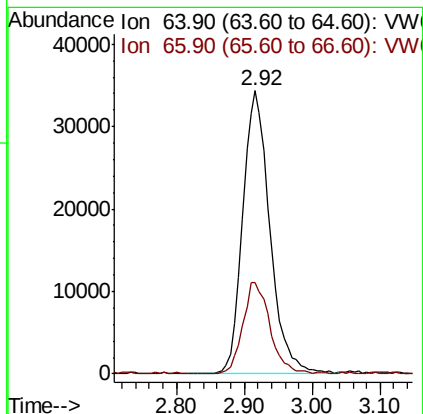
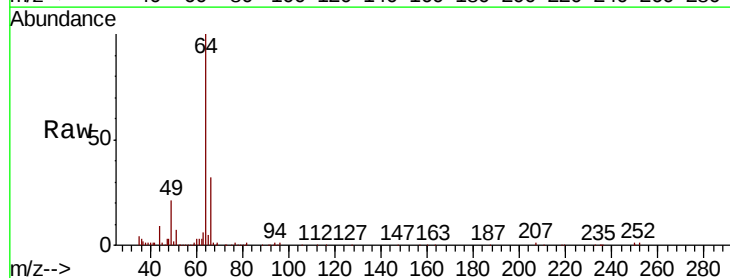
Acq: 23 Jan 2020 12:44

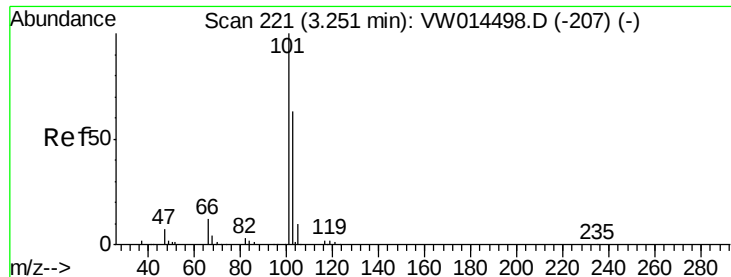
Tgt Ion: 64 Resp: 95278

Ion Ratio Lower Upper

64 100

66 31.8 25.7 38.5



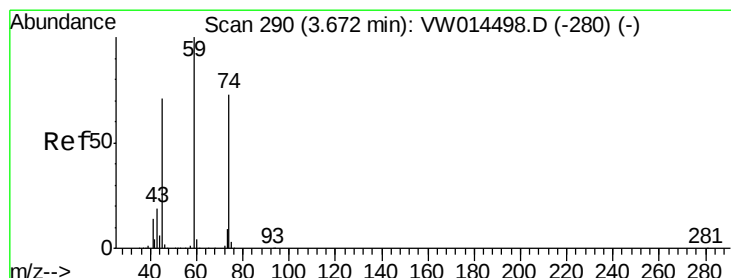
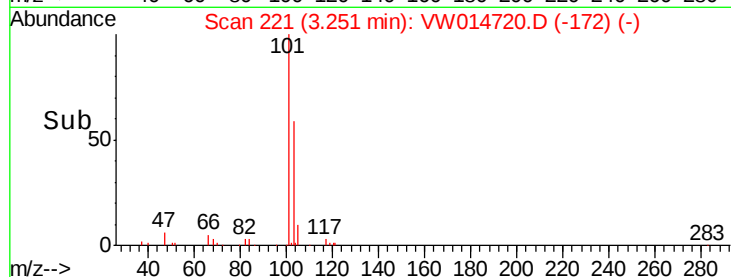
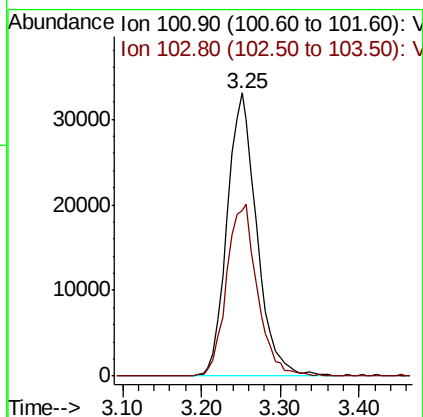
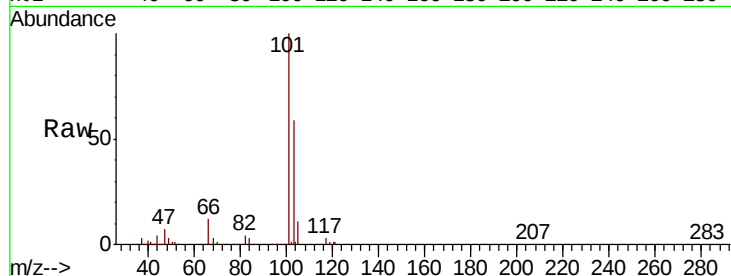


#7

Trichlorofluoromethane
 Concen: 24.770 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW014720.D
 Acq: 23 Jan 2020 12:44

Instrument :
 MSVOA_W
 ClientSampled :

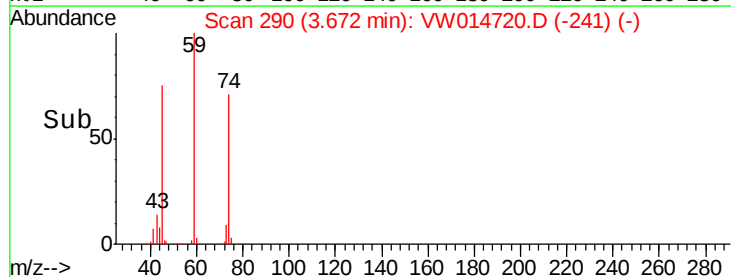
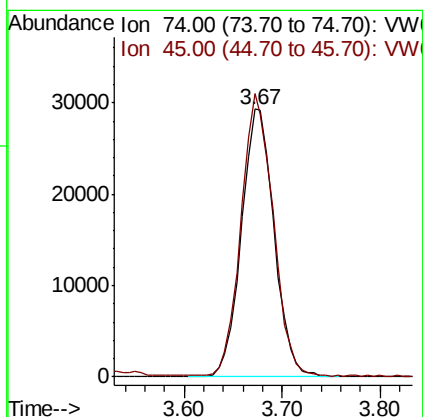
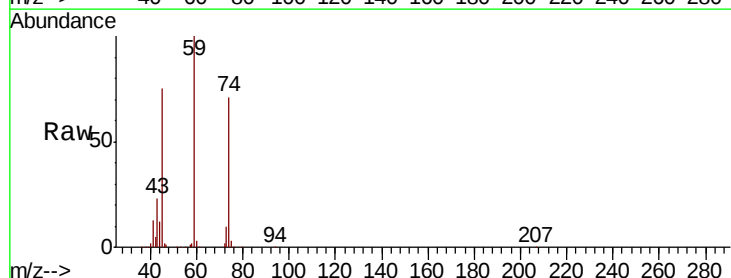
Tot Ion:101 Resp: 86285
 Ion Ratio Lower Upper
 101 100
 103 58.6 50.1 75.1

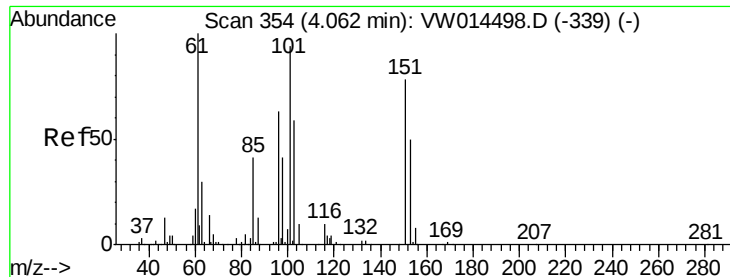


#8

Diethyl Ether
 Concen: 19.588 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.00 min
 Lab File: VW014720.D
 Acq: 23 Jan 2020 12:44

Tgt Ion: 74 Resp: 67892
 Ion Ratio Lower Upper
 74 100
 45 103.5 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.694 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW014720.D

Acq: 23 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

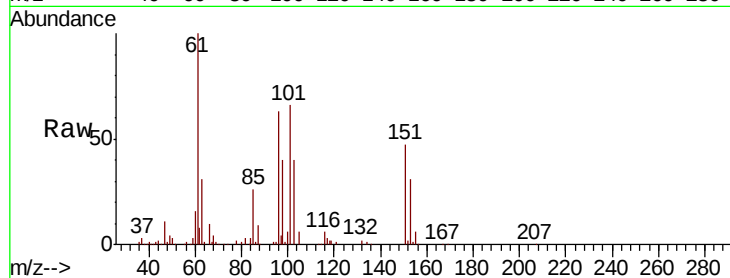
Tot Ion:101 Resp: 147711

Ion Ratio Lower Upper

101 100

85 41.9 33.7 50.5

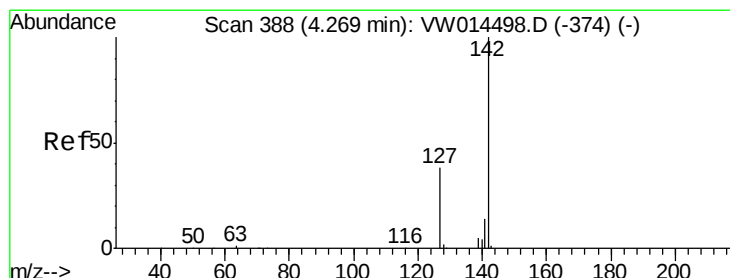
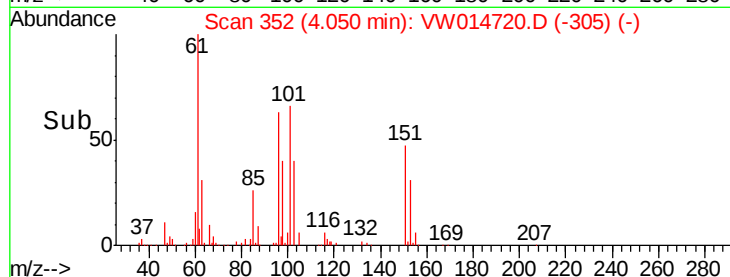
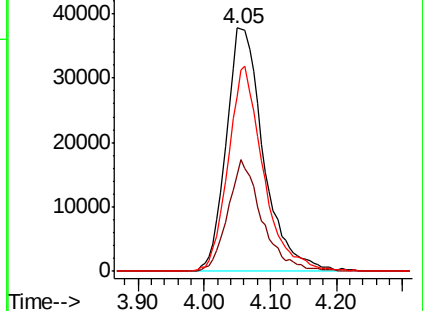
151 79.7 63.5 95.3



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: 20.815 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW014720.D

Acq: 23 Jan 2020 12:44

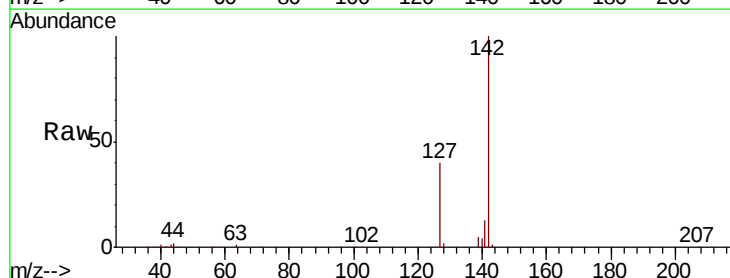
Tgt Ion:142 Resp: 204413

Ion Ratio Lower Upper

142 100

127 40.6 30.2 45.4

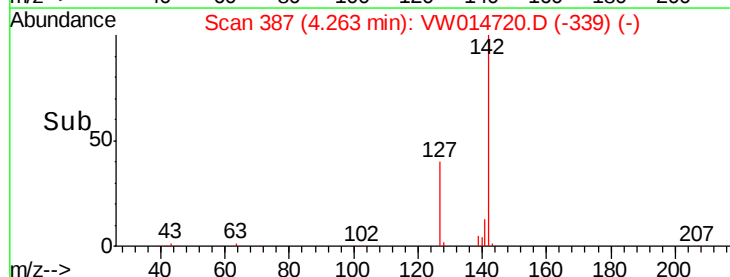
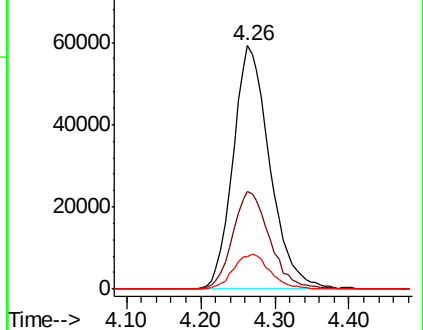
141 14.4 11.4 17.2

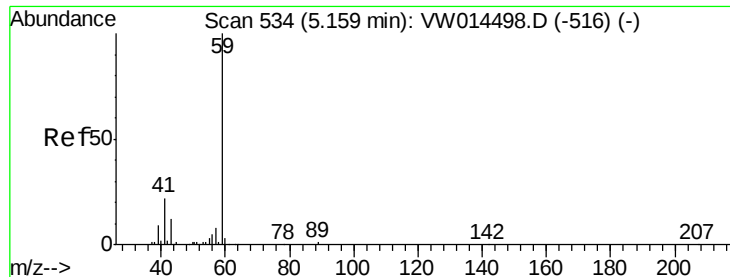


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



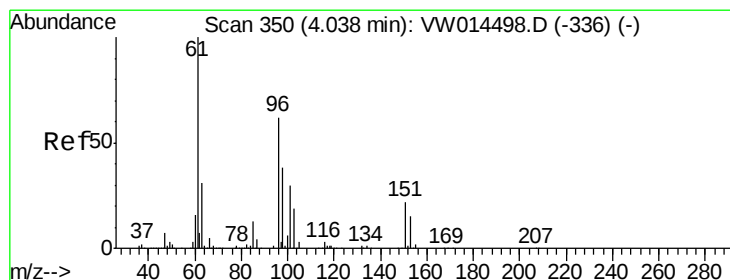
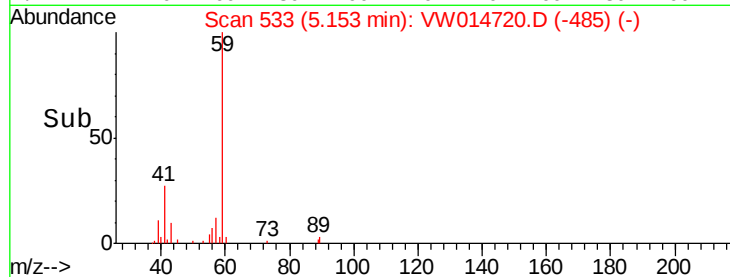
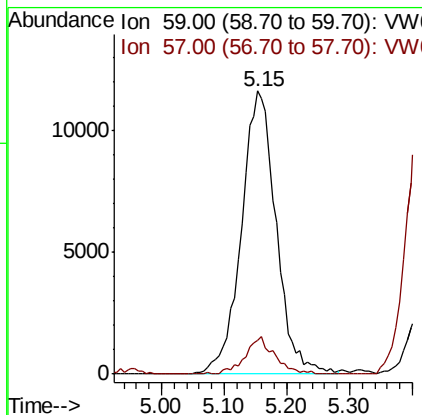
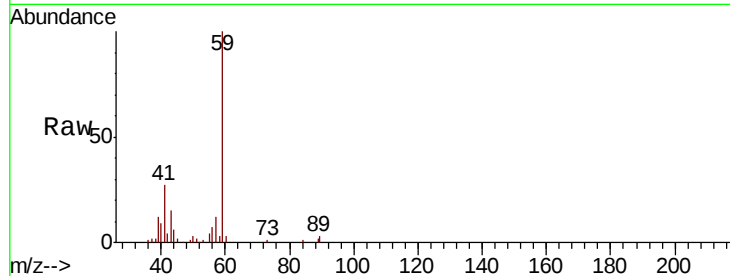


#11

Tert butyl alcohol
 Concen: 81.317 ug/l
 RT: 5.15 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: VW014720.D
 Acq: 23 Jan 2020 12:44

Instrument :
 MSVOA_W
 ClientSampled :

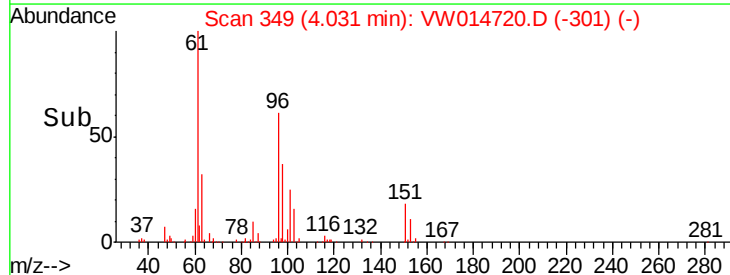
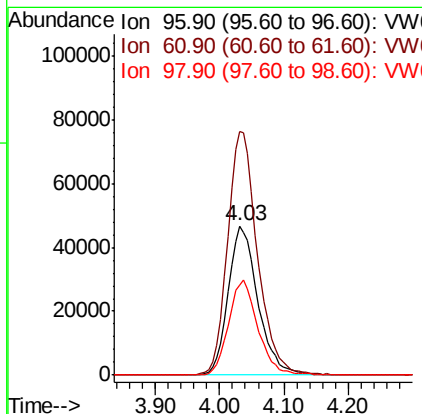
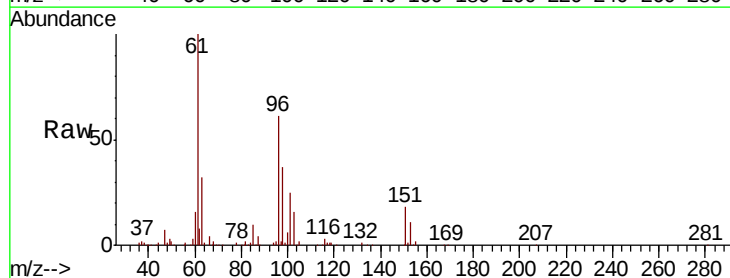
Tot Ion: 59 Resp: 44691
 Ion Ratio Lower Upper
 59 100
 57 11.1 7.8 11.8

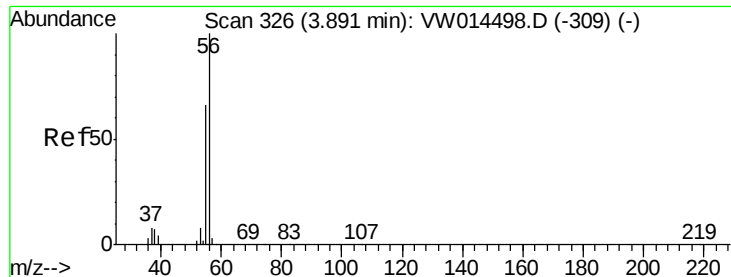


#12

1,1-Dichloroethene
 Concen: 22.101 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW014720.D
 Acq: 23 Jan 2020 12:44

Tgt Ion: 96 Resp: 150641
 Ion Ratio Lower Upper
 96 100
 61 163.4 128.4 192.6
 98 60.2 49.1 73.7





#13

Acrolein

Concen: 84.225 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW014720.D

Acq: 23 Jan 2020 12:44

Instrument :

MSVOA_W

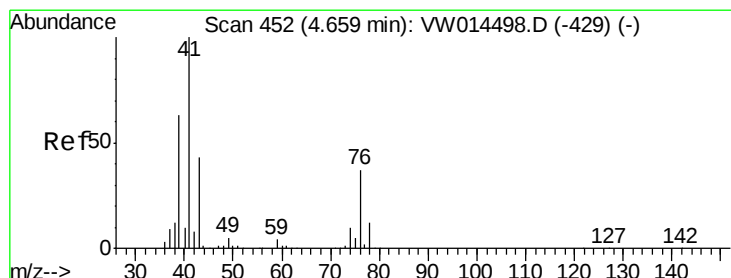
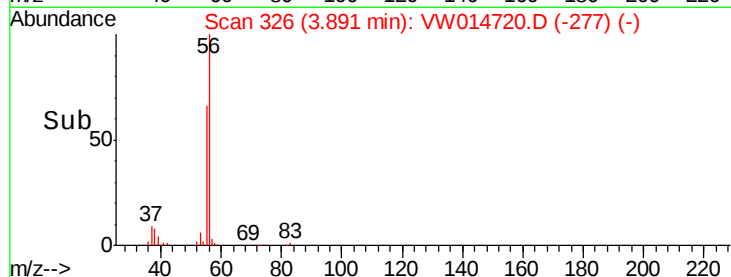
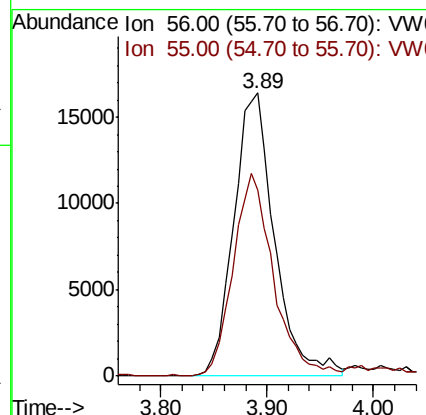
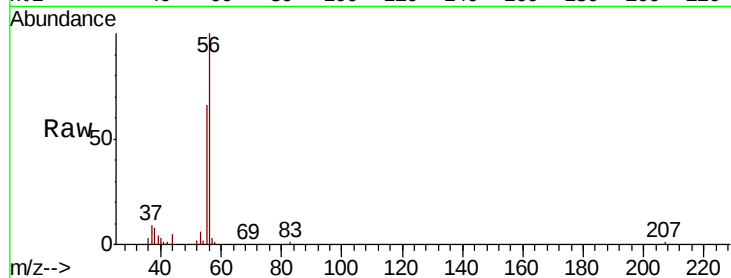
ClientSampleId :

Tot Ion: 56 Resp: 44022

Ion Ratio Lower Upper

56 100

55 70.8 56.7 85.1



#14

Allyl chloride

Concen: 22.871 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW014720.D

Acq: 23 Jan 2020 12:44

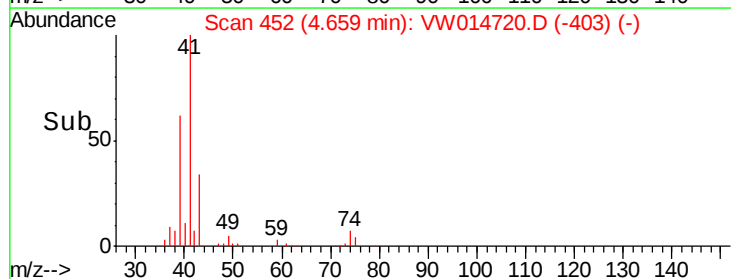
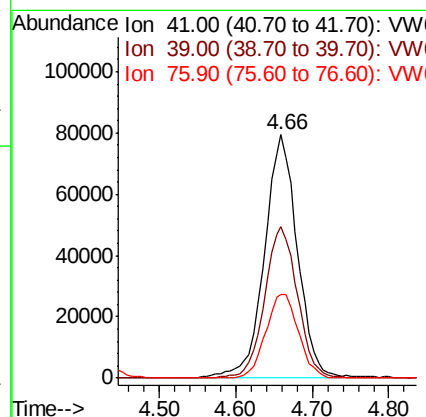
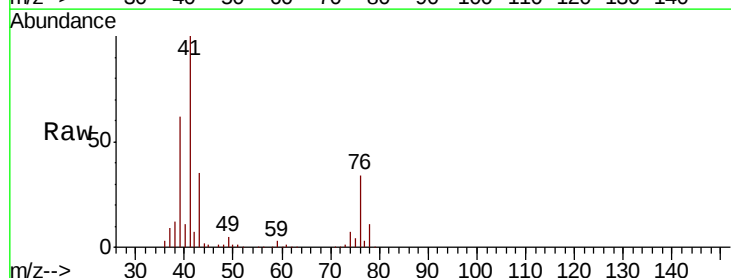
Tgt Ion: 41 Resp: 238223

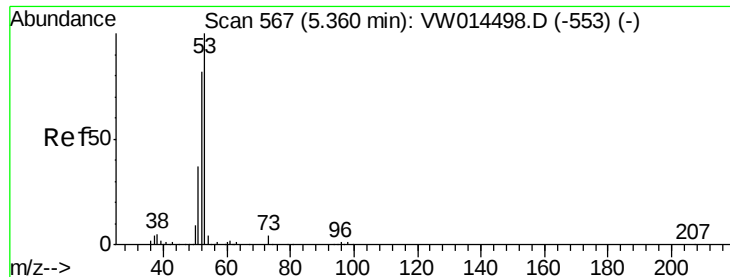
Ion Ratio Lower Upper

41 100

39 62.5 48.5 72.7

76 34.3 28.1 42.1





#15

Acrylonitrile

Concen: 97.369 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW014720.D

Acq: 23 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

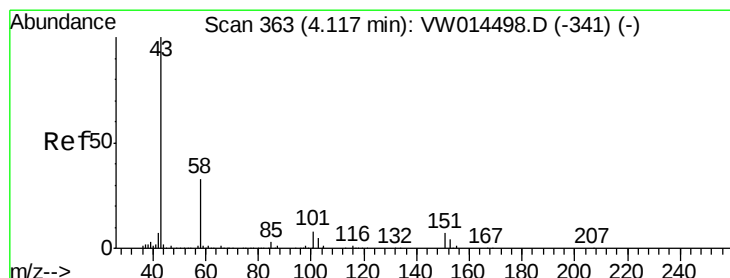
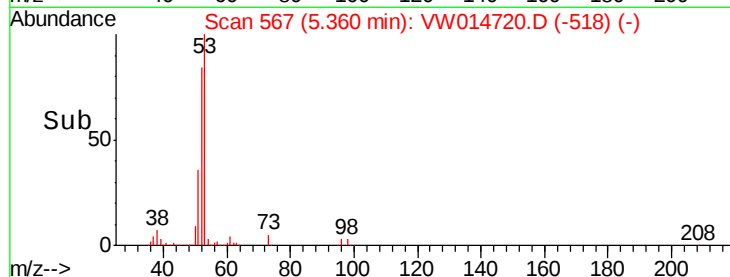
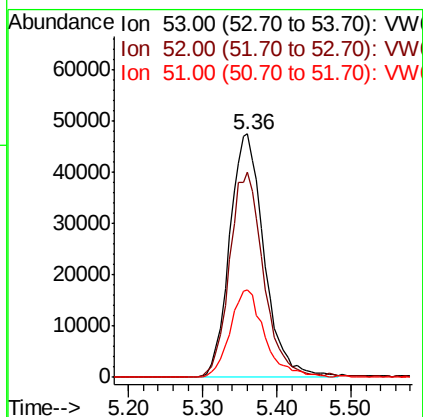
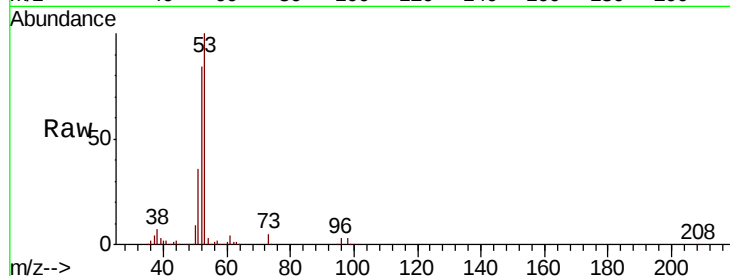
Tot Ion: 53 Resp: 154260

Ion Ratio Lower Upper

53 100

52 82.3 66.5 99.7

51 35.9 28.4 42.6



#16

Acetone

Concen: 91.462 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW014720.D

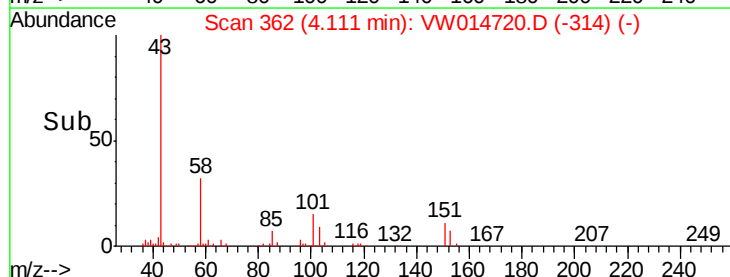
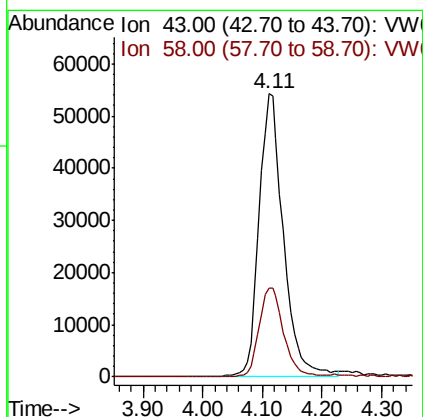
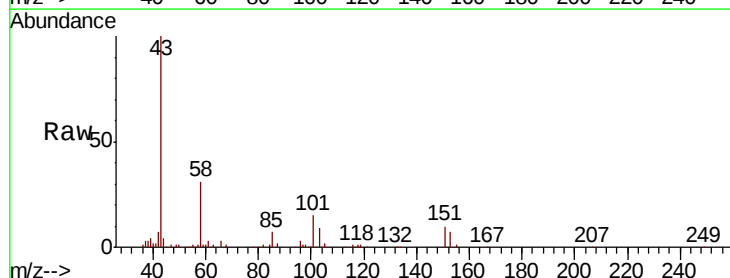
Acq: 23 Jan 2020 12:44

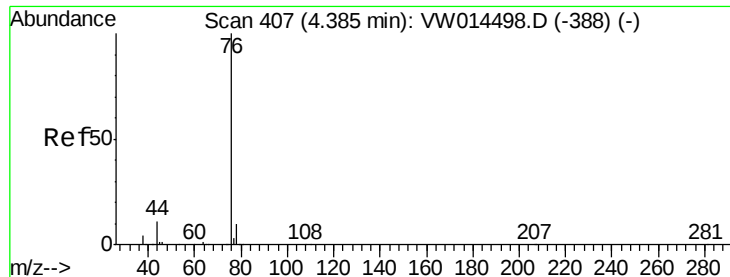
Tgt Ion: 43 Resp: 154656

Ion Ratio Lower Upper

43 100

58 31.5 26.6 39.8

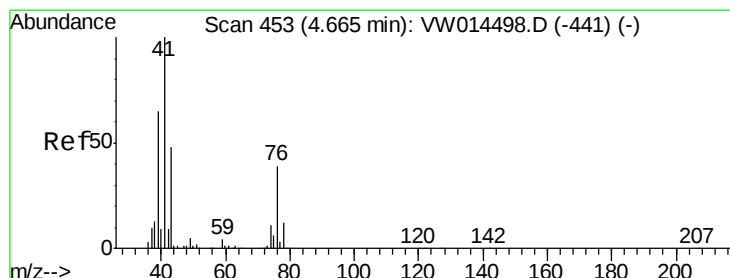
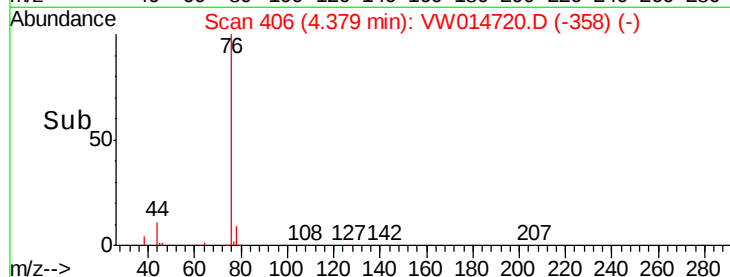
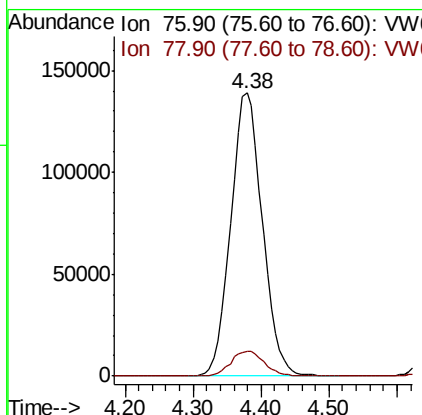
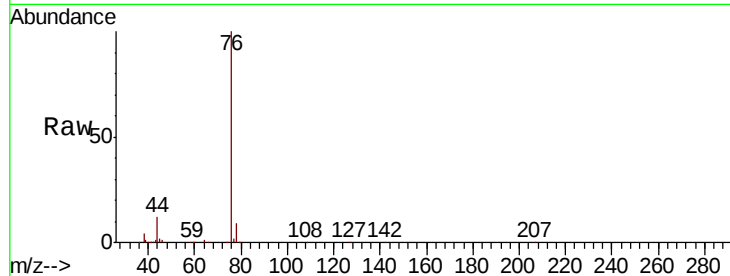




#17
Carbon Disulfide
Concen: 21.838 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW014720.D
Acq: 23 Jan 2020 12:44

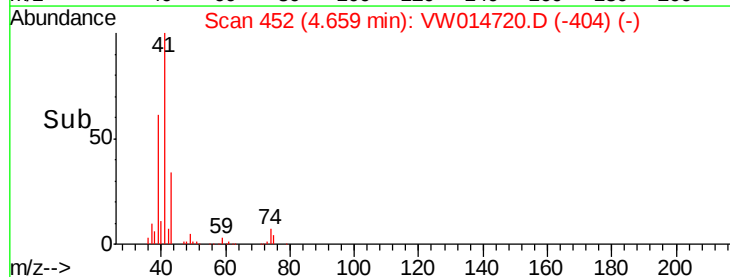
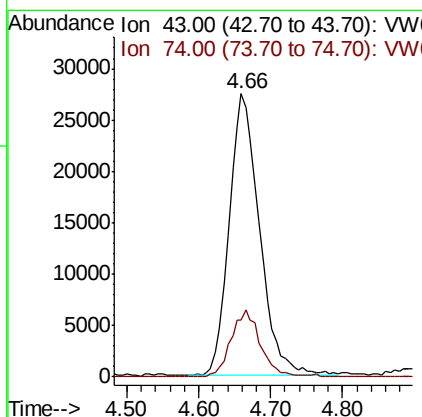
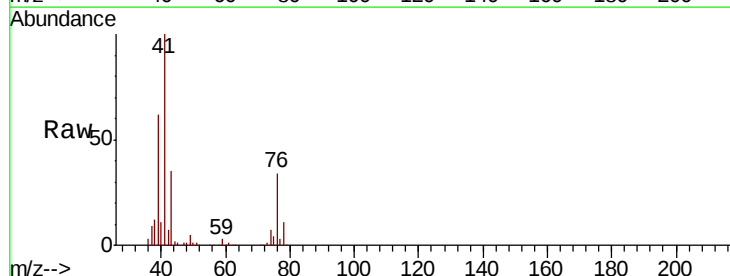
Instrument :
MSVOA_W
ClientSampled :

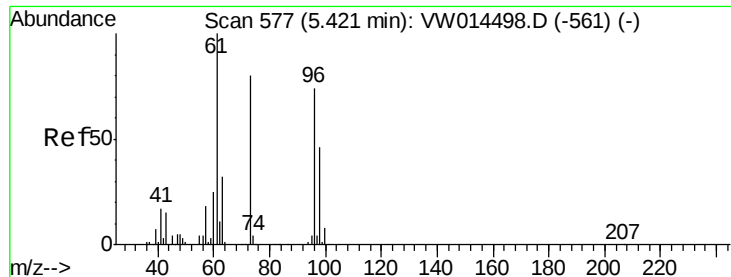
Tot Ion: 76 Resp: 448632
Ion Ratio Lower Upper
76 100
78 8.9 7.8 11.6



#18
Methyl Acetate
Concen: 19.767 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW014720.D
Acq: 23 Jan 2020 12:44

Tgt Ion: 43 Resp: 80726
Ion Ratio Lower Upper
43 100
74 23.0 19.3 28.9



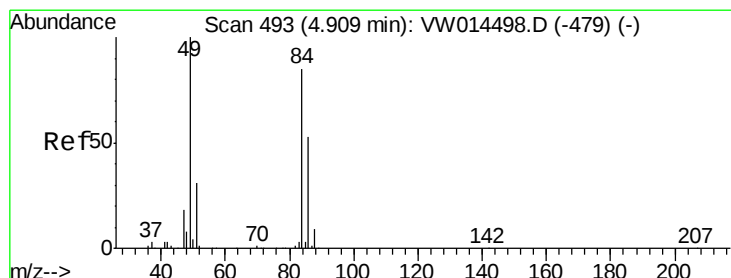
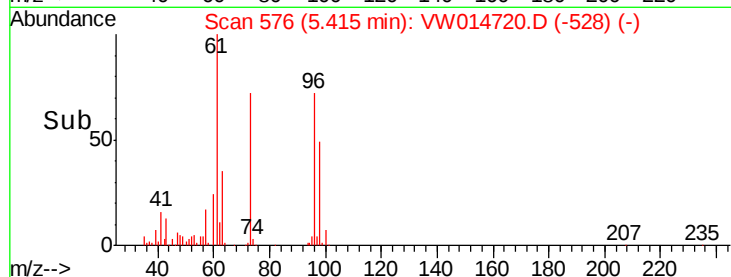
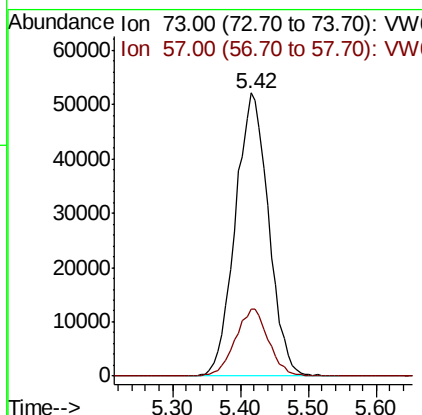
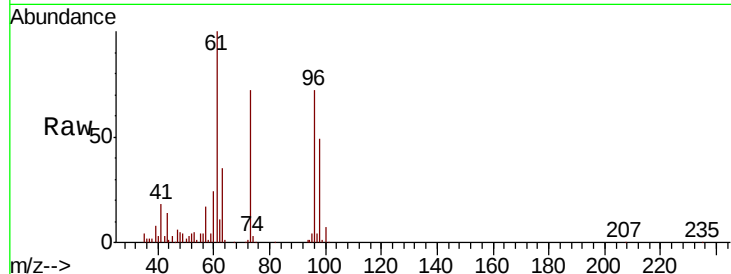


#19

Methyl tert-butyl Ether
 Concen: 20.971 ug/l
 RT: 5.42 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: VW014720.D
 Acq: 23 Jan 2020 12:44

Instrument :
 MSVOA_W
 ClientSampled :

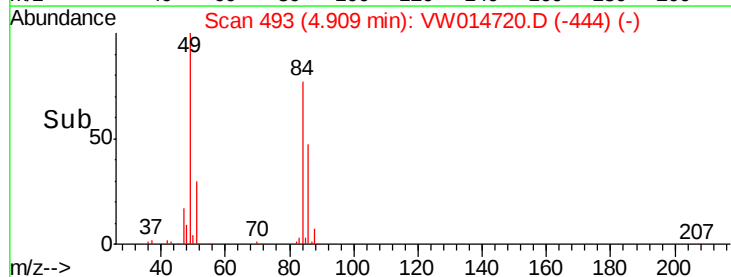
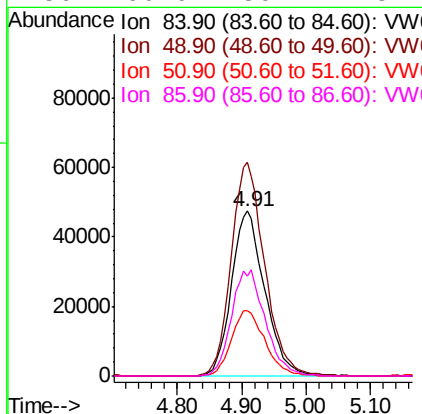
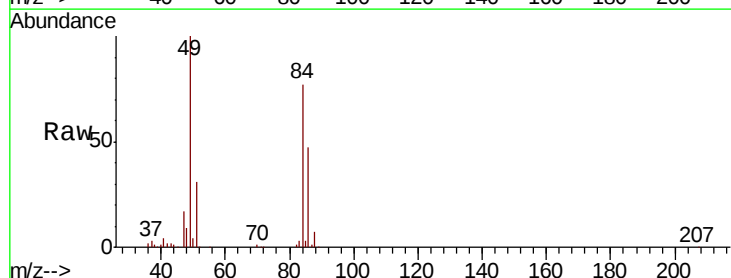
Tot Ion: 73 Resp: 177433
 Ion Ratio Lower Upper
 73 100
 57 23.6 18.1 27.1

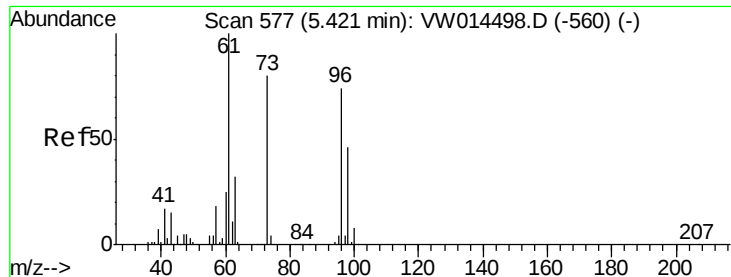


#20

Methylene Chloride
 Concen: 22.519 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: VW014720.D
 Acq: 23 Jan 2020 12:44

Tgt Ion: 84 Resp: 170998
 Ion Ratio Lower Upper
 84 100
 49 129.7 94.4 141.6
 51 39.7 29.5 44.3
 86 60.9 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 21.874 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW014720.D

Acq: 23 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

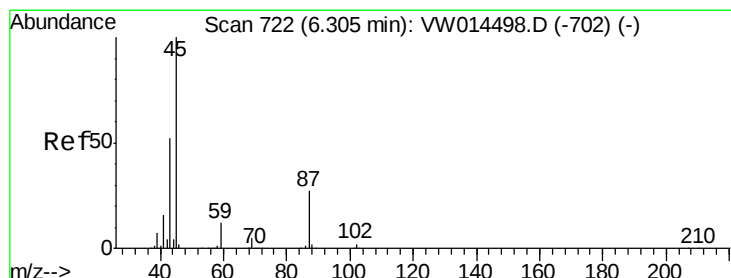
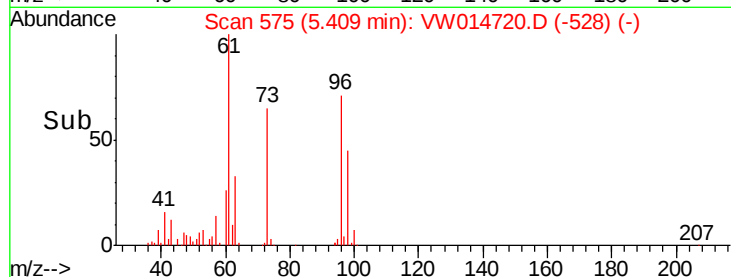
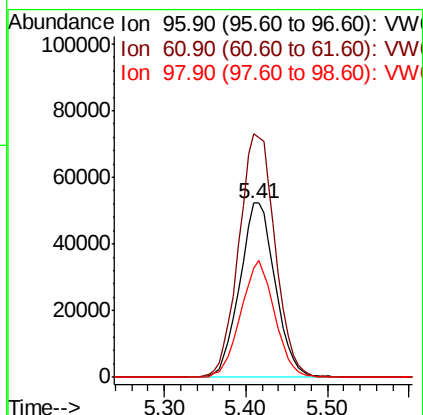
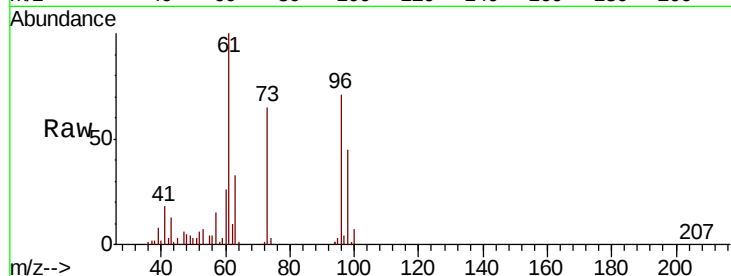
Tot Ion: 96 Resp: 158310

Ion Ratio Lower Upper

96 100

61 139.9 107.8 161.6

98 63.1 49.4 74.0



#22

Diisopropyl ether

Concen: 23.240 ug/l

RT: 6.30 min Scan# 721

Delta R.T. -0.01 min

Lab File: VW014720.D

Acq: 23 Jan 2020 12:44

Tgt Ion: 45 Resp: 453092

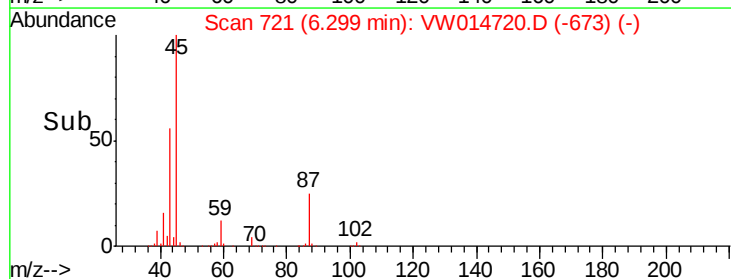
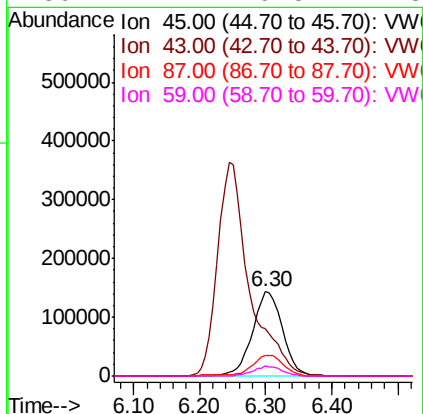
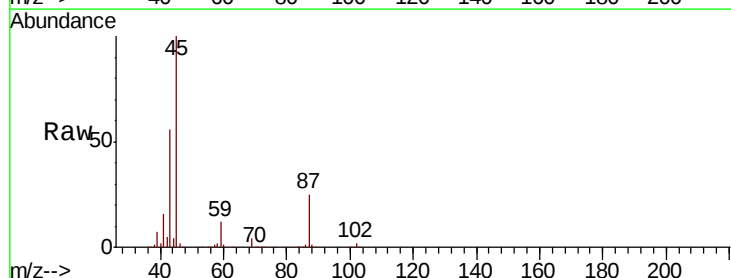
Ion Ratio Lower Upper

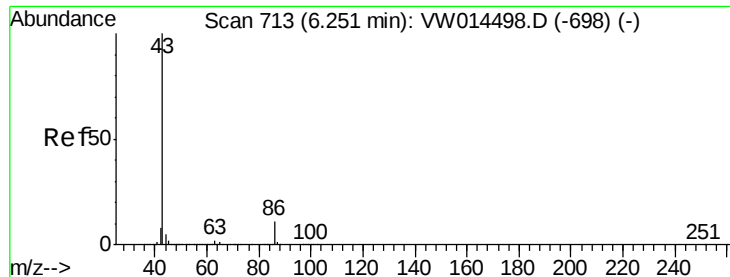
45 100

43 55.7 41.4 62.0

87 24.9 22.2 33.2

59 11.7 9.5 14.3

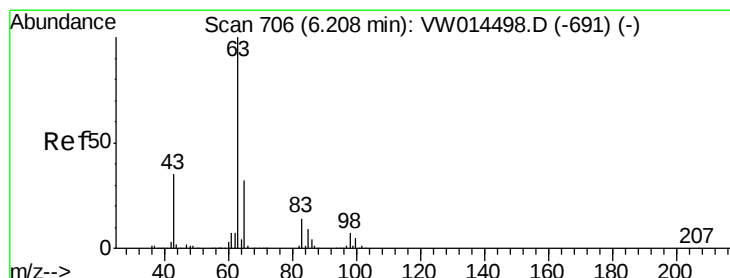
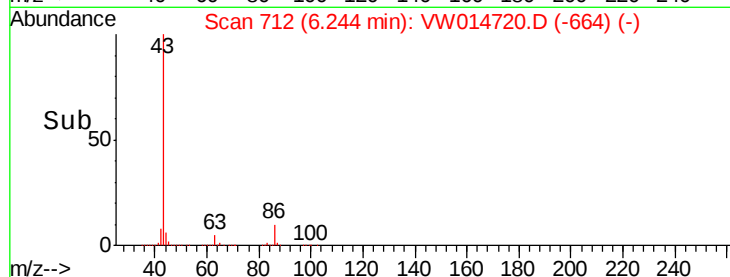
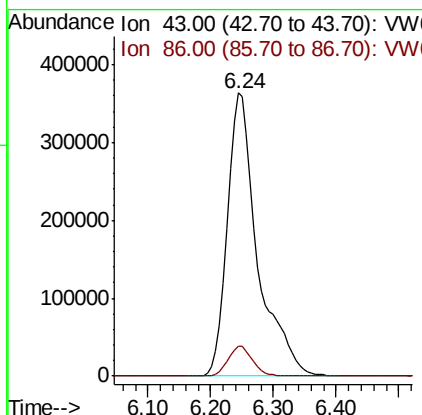
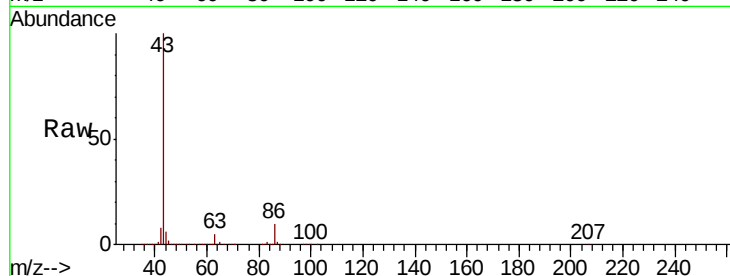




#23
 Vinyl Acetate
 Concen: 102.984 ug/l
 RT: 6.24 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VW014720.D
 Acq: 23 Jan 2020 12:44

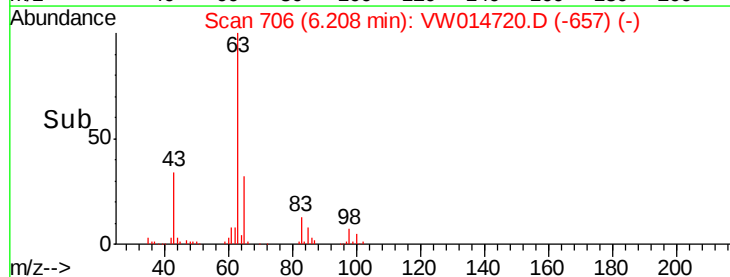
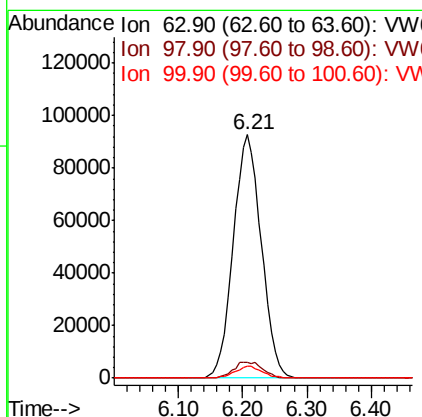
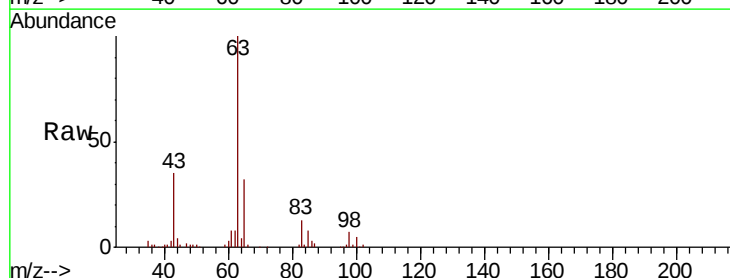
Instrument :
 MSVOA_W
 ClientSampleId :

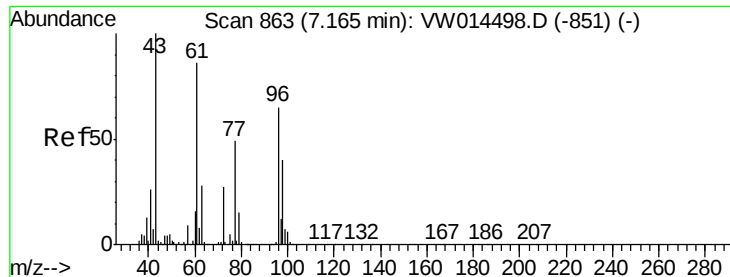
Tot Ion: 43 Resp: 1212420
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 22.735 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: VW014720.D
 Acq: 23 Jan 2020 12:44

Tgt Ion: 63 Resp: 279592
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.4
 100 4.9 2.5 7.4





#25

2-Butanone

Concen: 92.727 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW014720.D

Acq: 23 Jan 2020 12:44

Instrument :

MSVOA_W

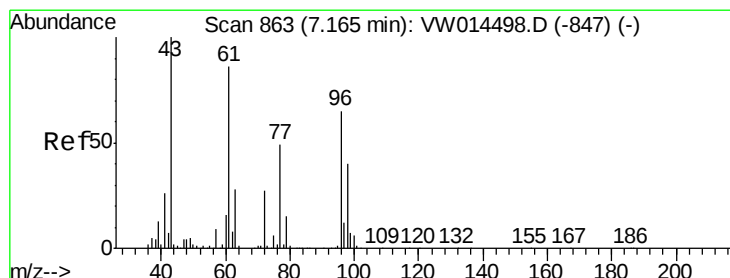
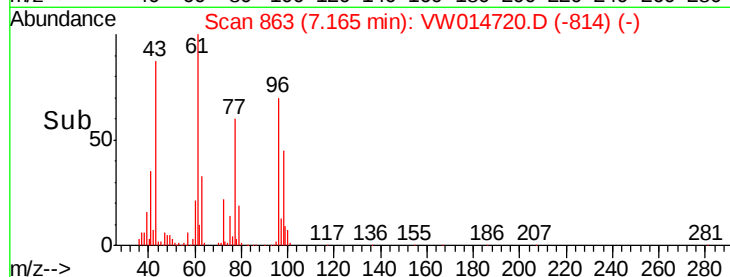
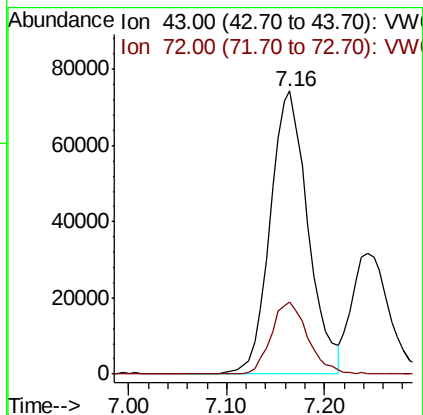
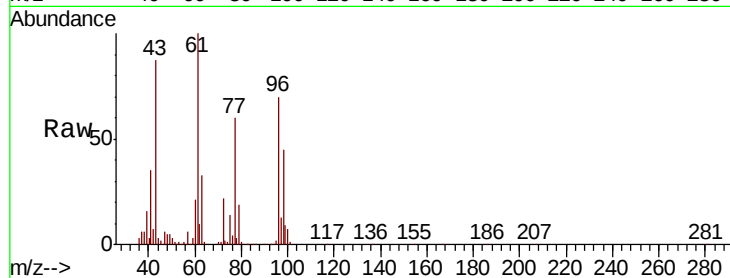
ClientSampled :

Tot Ion: 43 Resp: 201220

Ion Ratio Lower Upper

43 100

72 25.4 21.9 32.9



#26

2,2-Dichloropropane

Concen: 23.049 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW014720.D

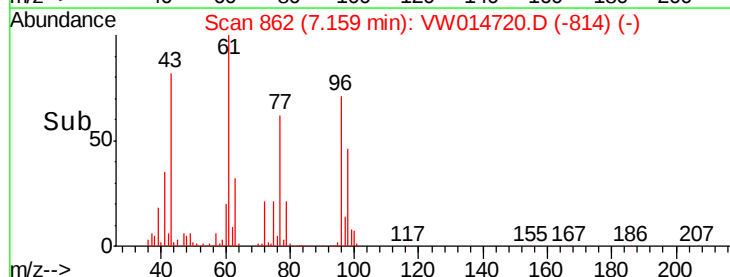
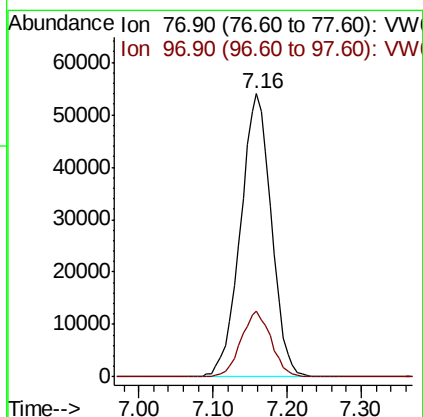
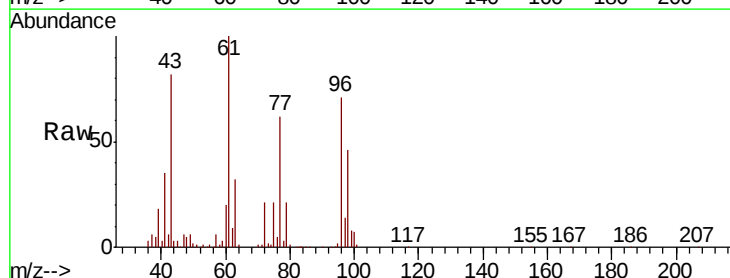
Acq: 23 Jan 2020 12:44

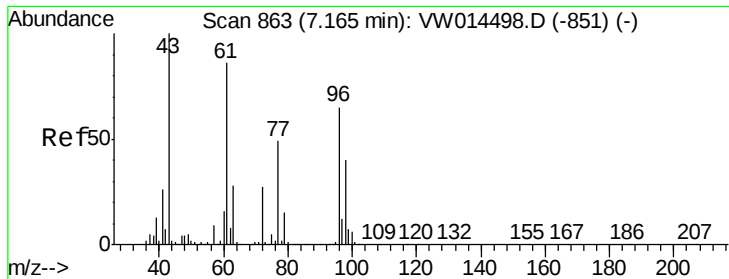
Tgt Ion: 77 Resp: 156933

Ion Ratio Lower Upper

77 100

97 22.6 12.5 37.5



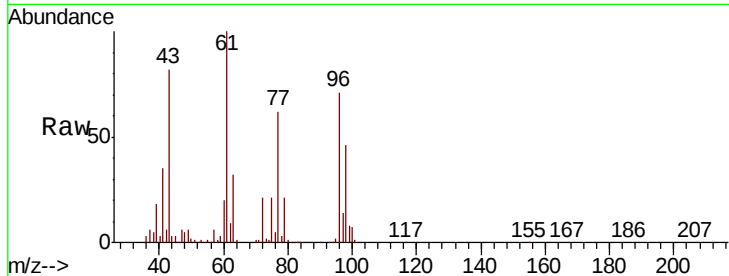


#27

cis-1,2-Dichloroethene
Concen: 21.428 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW014720.D
Acq: 23 Jan 2020 12:44

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	96	Resp	162957
Ion Ratio	Lower	Upper	
96	100		
61	143.8	0.0	274.8
98	64.5	0.0	128.6

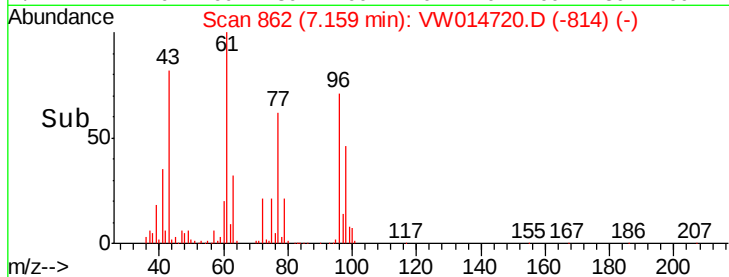
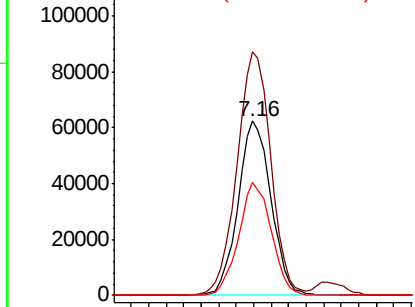


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

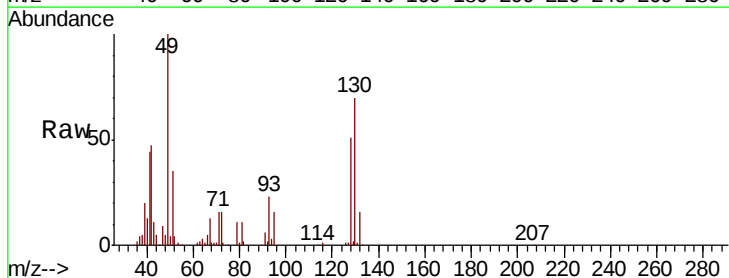
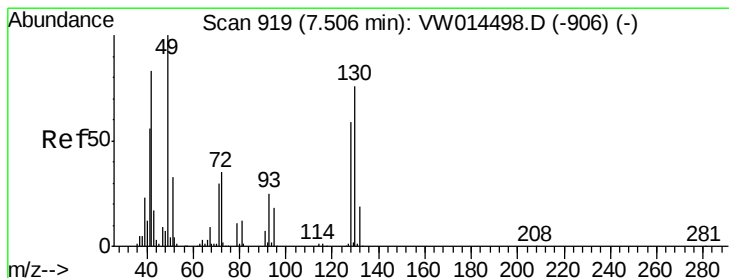
Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane
Concen: 20.570 ug/l
RT: 7.50 min Scan# 918
Delta R.T. -0.01 min
Lab File: VW014720.D
Acq: 23 Jan 2020 12:44

Tgt Ion	49	Resp	99178
Ion Ratio	Lower	Upper	
49	100		
129	1.7	0.0	2.0
130	72.0	62.5	93.7

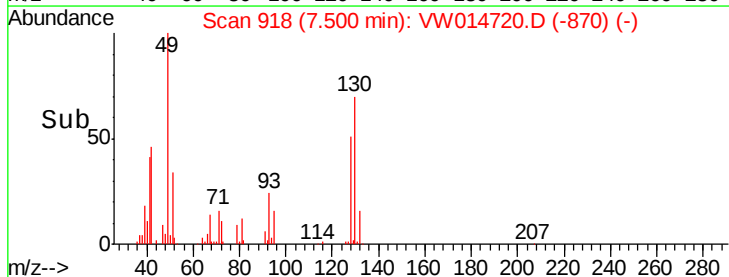
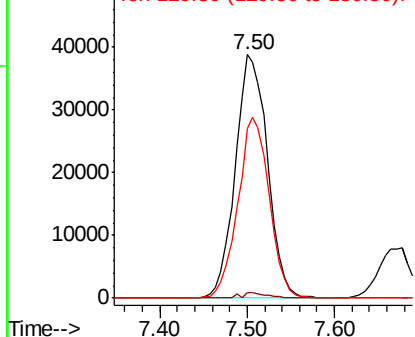


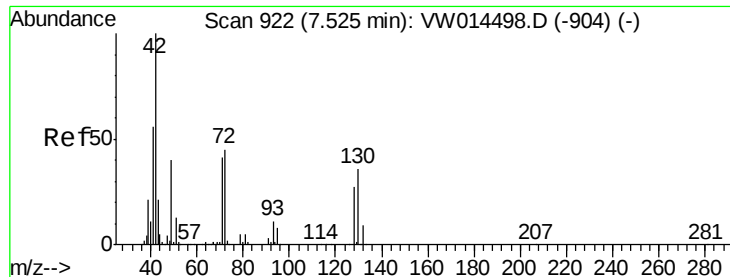
Abundance

Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

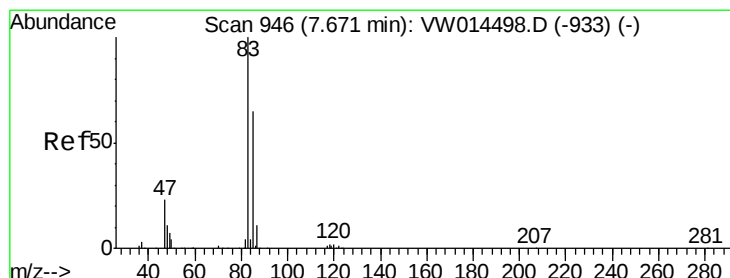
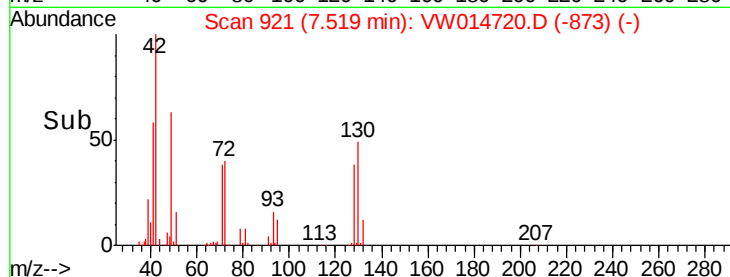
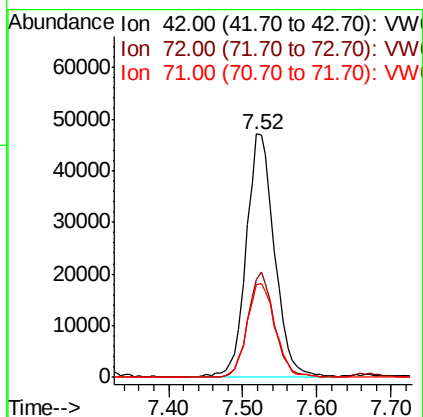
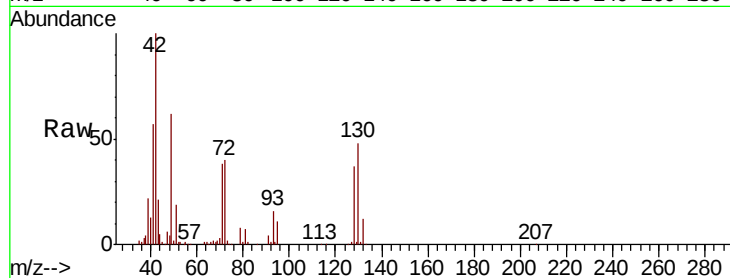




#29
Tetrahydrofuran
Concen: 93.131 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.01 min
Lab File: VW014720.D
Acq: 23 Jan 2020 12:44

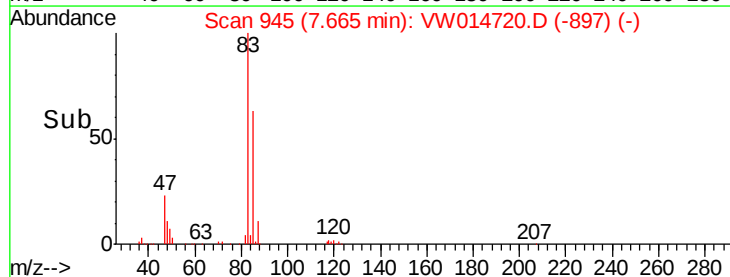
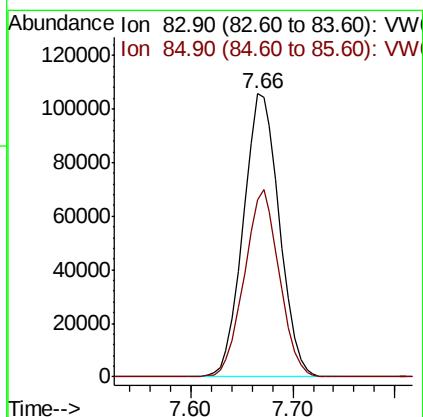
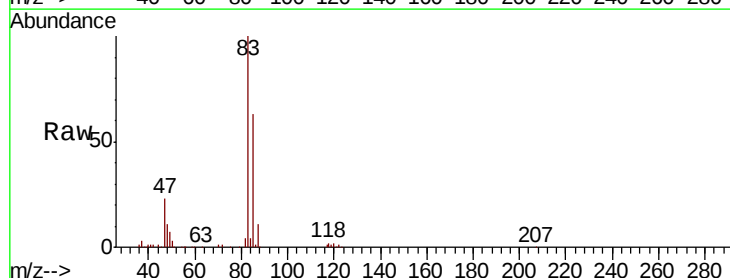
Instrument :
MSVOA_W
ClientSampled :

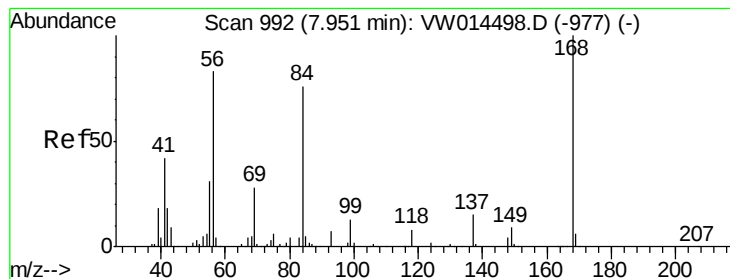
Tot Ion: 42 Resp: 125200
Ion Ratio Lower Upper
42 100
72 40.7 34.5 51.7
71 38.8 32.0 48.0



#30
Chloroform
Concen: 22.525 ug/l
RT: 7.66 min Scan# 945
Delta R.T. -0.01 min
Lab File: VW014720.D
Acq: 23 Jan 2020 12:44

Tgt Ion: 83 Resp: 259047
Ion Ratio Lower Upper
83 100
85 62.7 52.2 78.2





#31

Cyclohexane

Concen: 22.205 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW014720.D

Acq: 23 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampled :

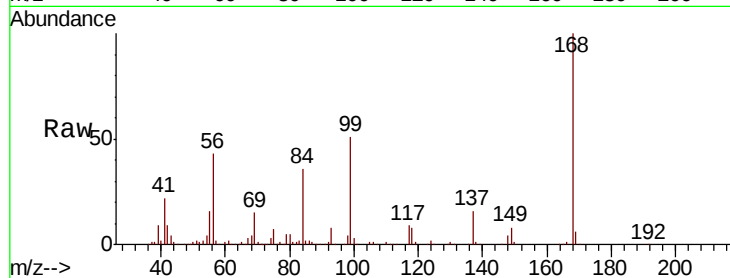
Tot Ion: 56 Resp: 283788

Ion Ratio Lower Upper

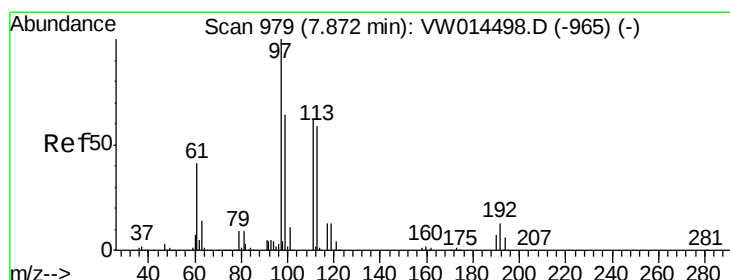
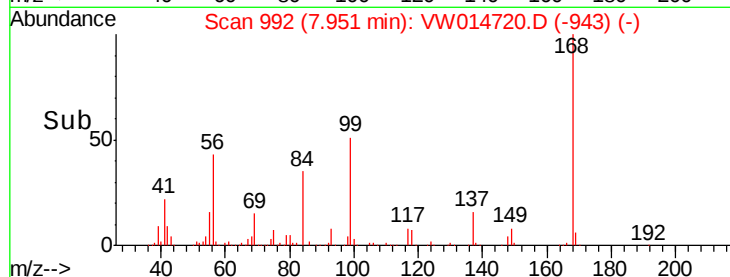
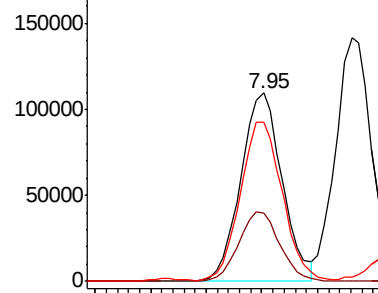
56 100

69 35.9 26.8 40.2

84 83.0 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: 23.428 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW014720.D

Acq: 23 Jan 2020 12:44

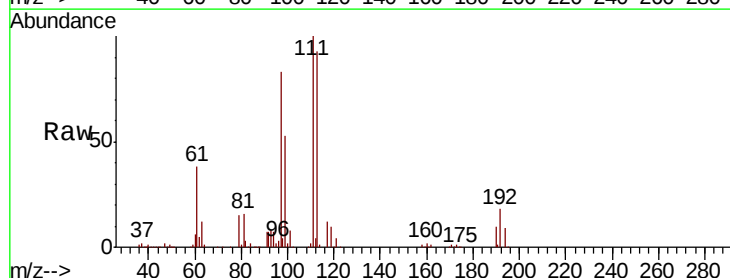
Tgt Ion: 97 Resp: 216687

Ion Ratio Lower Upper

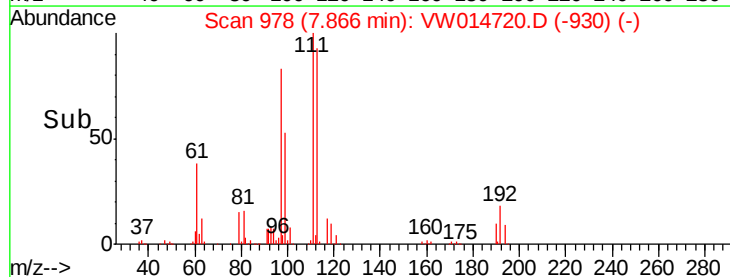
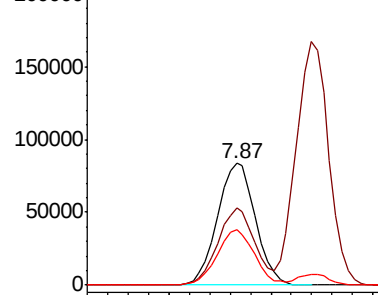
97 100

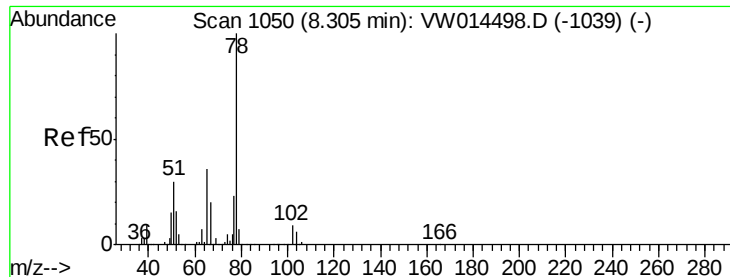
99 62.2 51.8 77.6

61 44.9 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: 52.649 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW014720.D

Acq: 23 Jan 2020 12:44

Instrument :

MSVOA_W

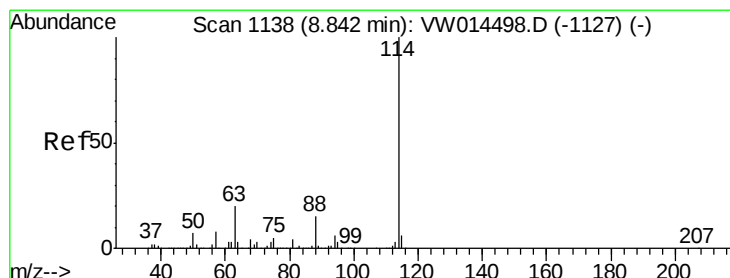
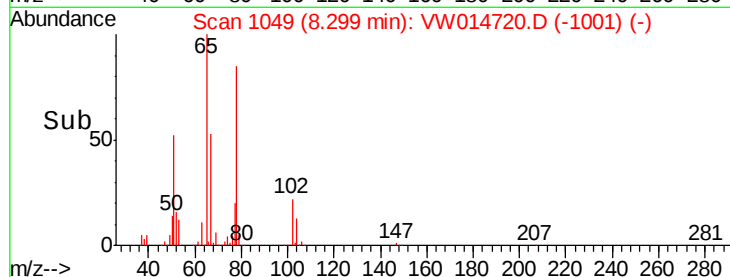
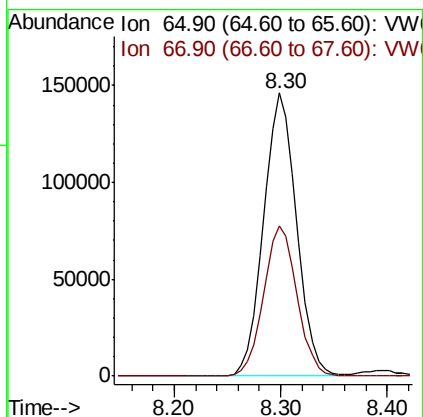
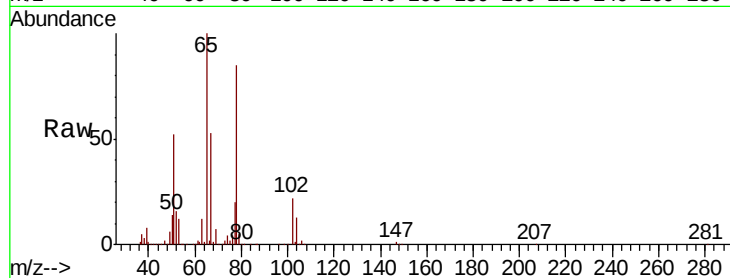
ClientSampleId :

Tot Ion: 65 Resp: 315283

Ion Ratio Lower Upper

65 100

67 53.6 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VW014720.D

Acq: 23 Jan 2020 12:44

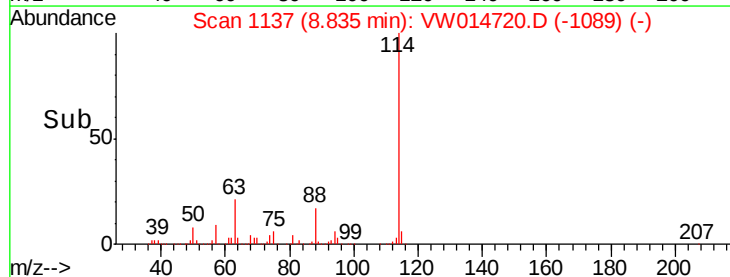
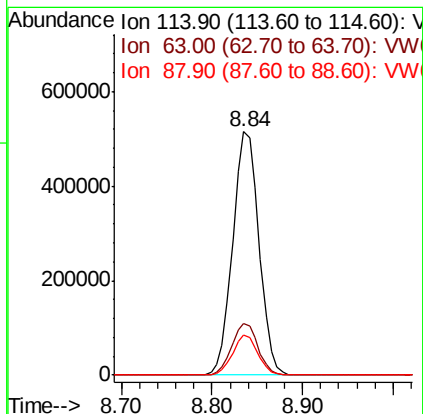
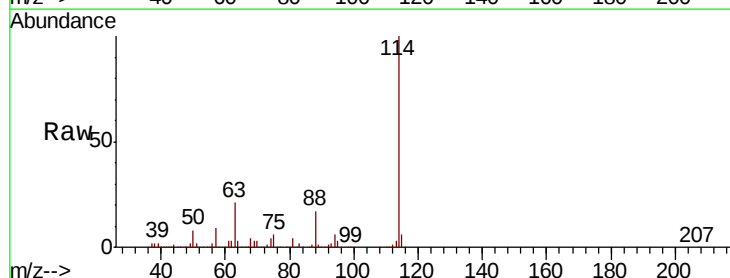
Tgt Ion: 114 Resp: 1036476

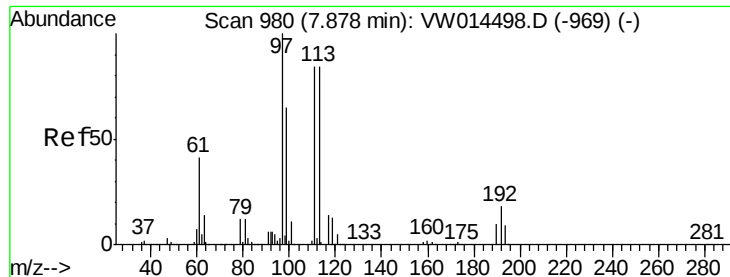
Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.4

88 16.6 0.0 30.6

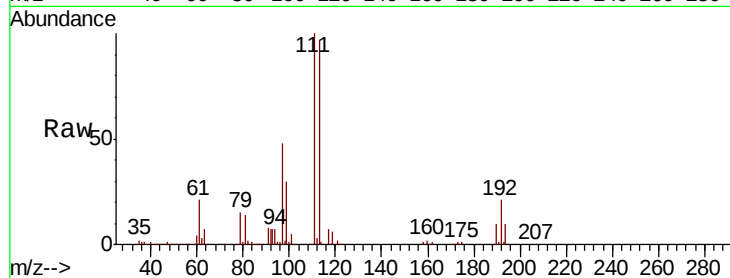




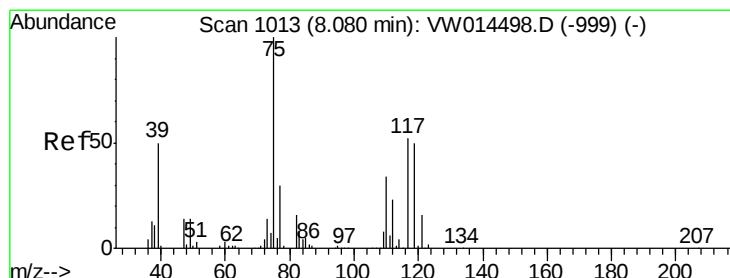
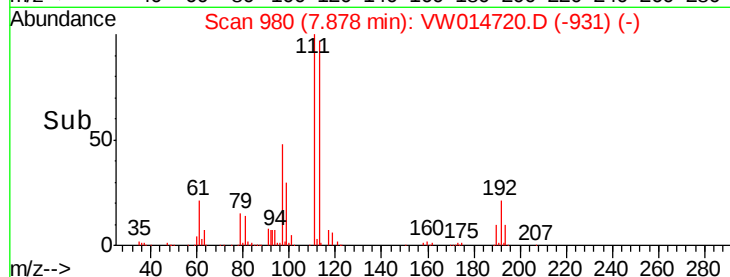
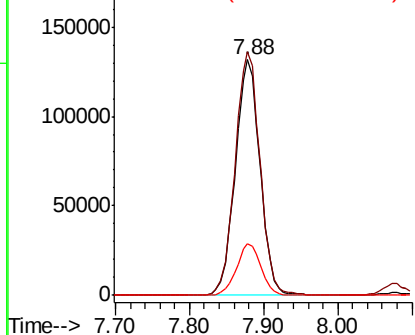
#35
 Dibromofluoromethane
 Concen: 51.726 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW014720.D
 Acq: 23 Jan 2020 12:44

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.4	122.2
192	21.6	17.8	26.8

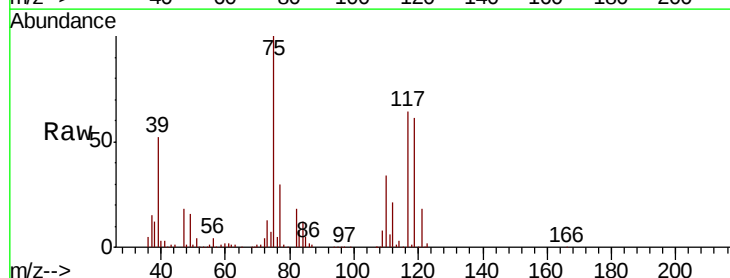


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

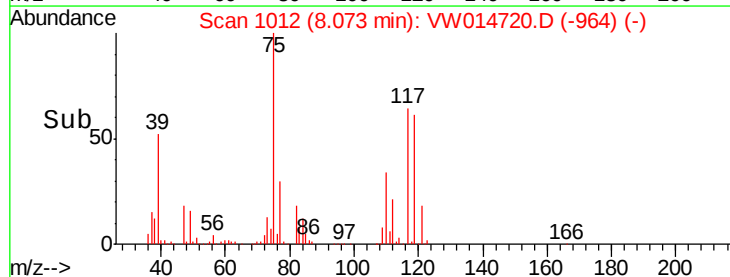
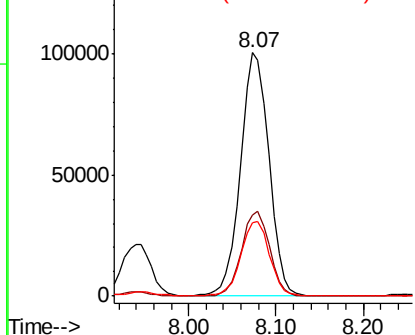


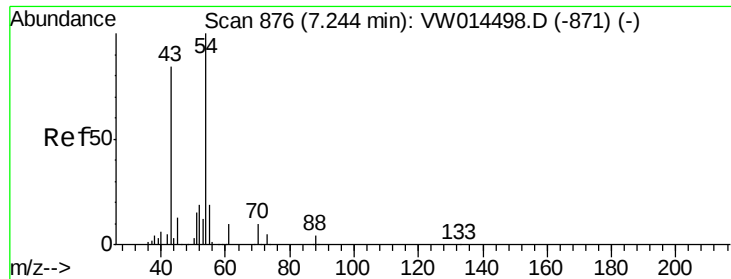
#36
 1,1-Dichloropropene
 Concen: 22.814 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: VW014720.D
 Acq: 23 Jan 2020 12:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.2	17.8	53.5
77	30.9	24.7	37.1



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

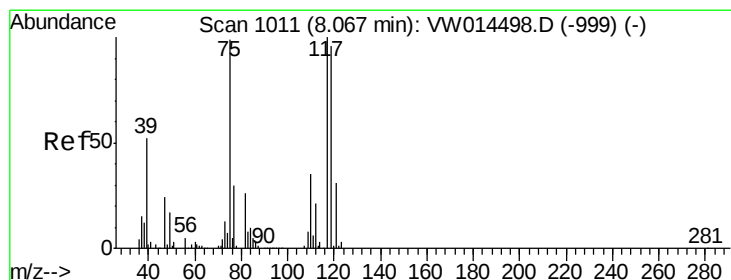
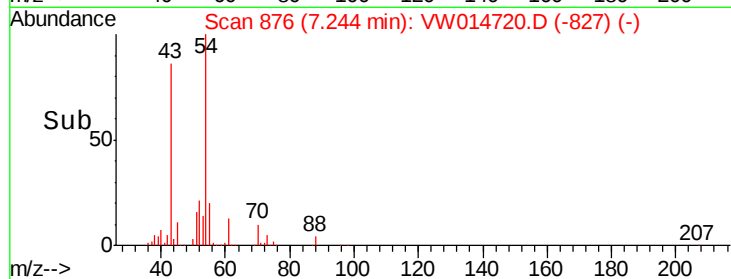
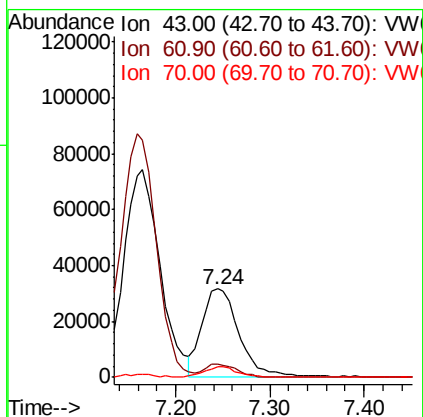
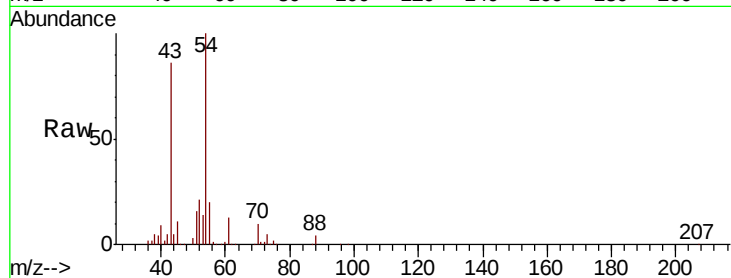




#37
Ethyl Acetate
Concen: 18.843 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: VW014720.D
Acq: 23 Jan 2020 12:44

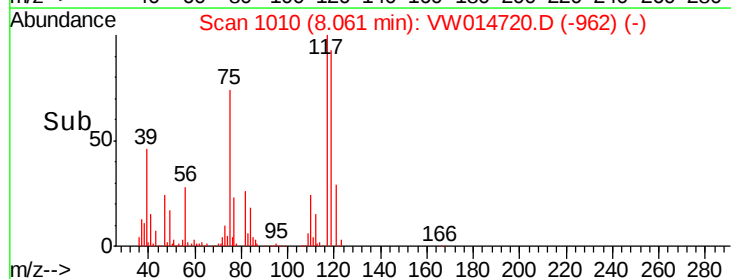
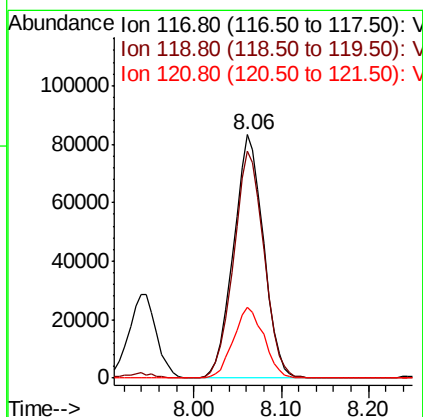
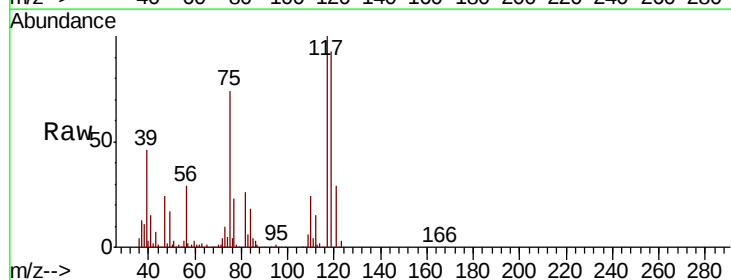
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 85392
Ion Ratio Lower Upper
43 100
61 13.2 11.7 17.5
70 10.8 9.0 13.6



#38
Carbon Tetrachloride
Concen: 22.853 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW014720.D
Acq: 23 Jan 2020 12:44

Tgt Ion: 117 Resp: 198106
Ion Ratio Lower Upper
117 100
119 93.4 77.0 115.6
121 29.3 24.6 36.8

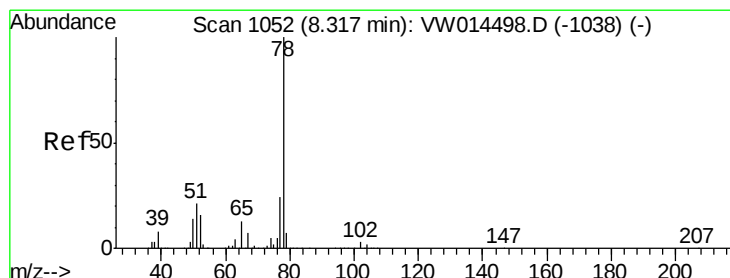
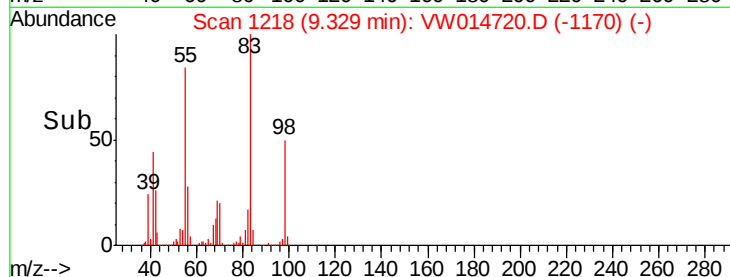
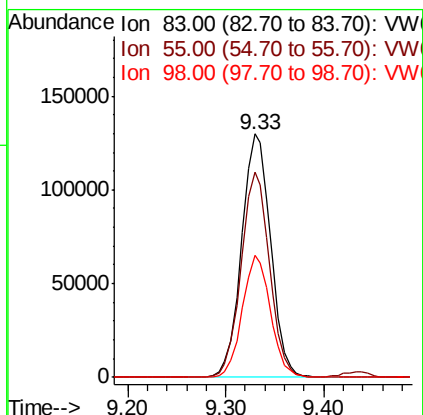
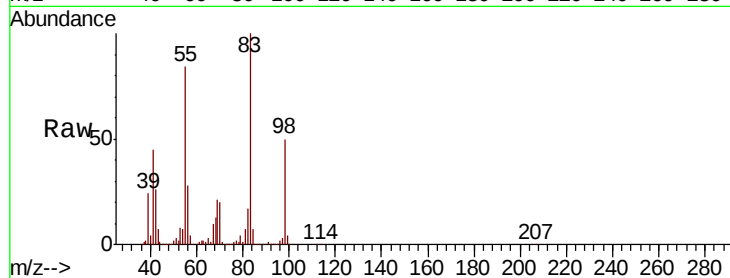




#39
Methvlcvclohexane
Concen: 20.847 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW014720.D
Acq: 23 Jan 2020 12:44

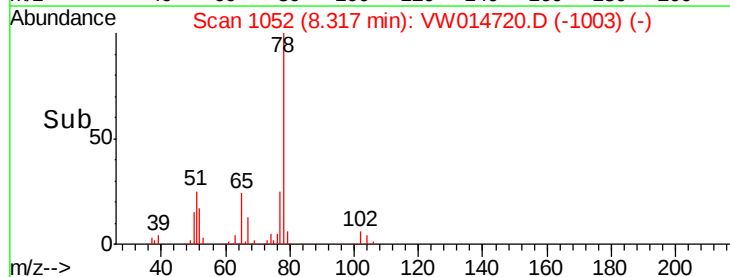
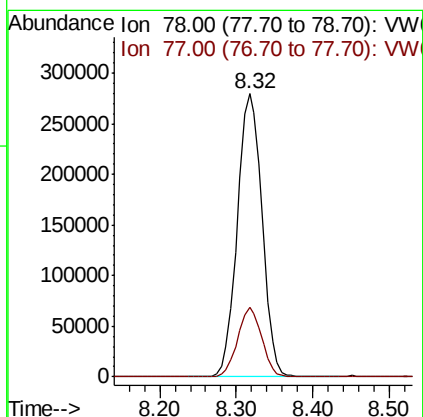
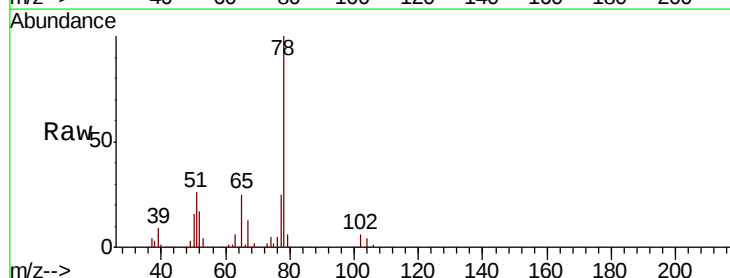
Instrument :
MSVOA_W
ClientSampleId :

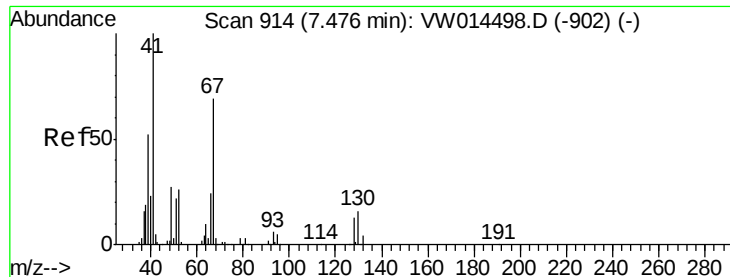
Tot Ion: 83 Resp: 267323
Ion Ratio Lower Upper
83 100
55 84.3 60.1 90.1
98 50.2 38.8 58.2



#40
Benzene
Concen: 22.248 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW014720.D
Acq: 23 Jan 2020 12:44

Tgt Ion: 78 Resp: 628975
Ion Ratio Lower Upper
78 100
77 24.7 19.3 28.9

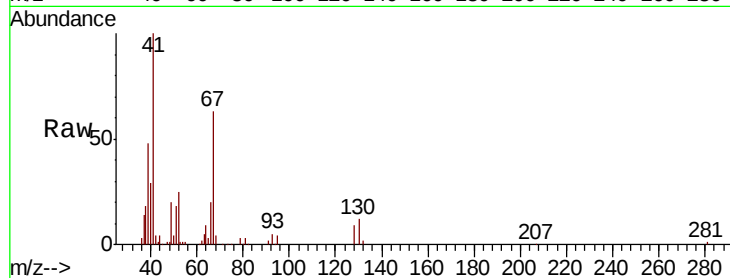




#41
Methacrylonitrile
Concen: 19.428 ug/l
RT: 7.47 min Scan# 913
Delta R.T. -0.01 min
Lab File: VW014720.D
Acq: 23 Jan 2020 12:44

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	41	Resp:	49079
Ion	Ratio	Lower	Upper
41	100		
39	57.2	46.0	69.0
67	73.4	60.8	91.2
52	27.6	23.7	35.5



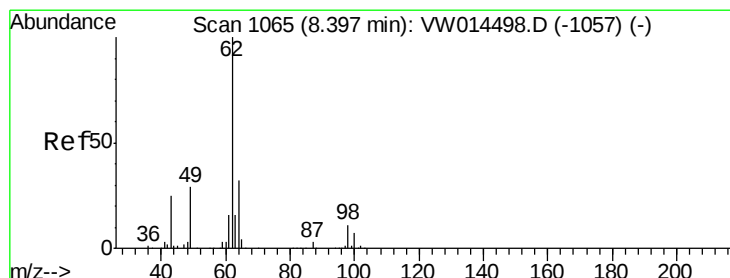
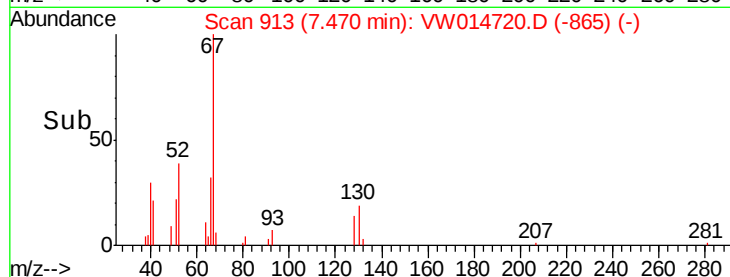
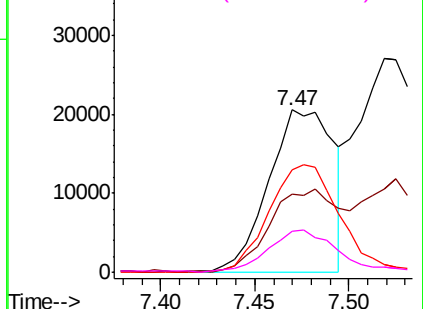
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

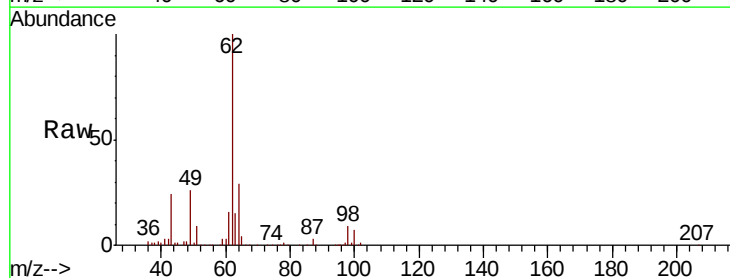
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 22.160 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW014720.D
Acq: 23 Jan 2020 12:44

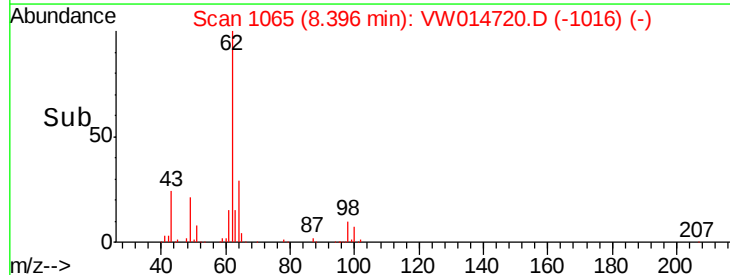
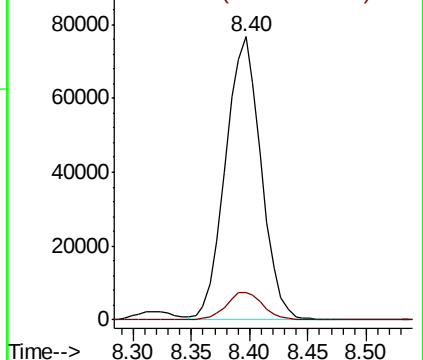
Tgt Ion:	62	Resp:	162577
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	22.0

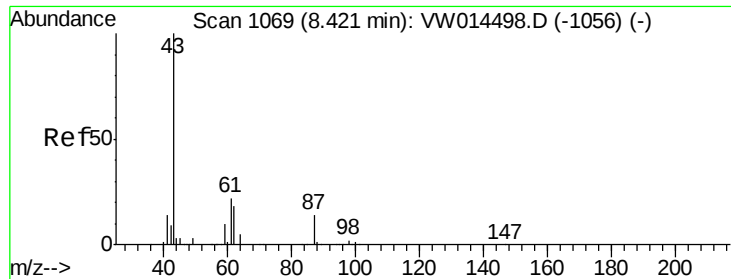


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

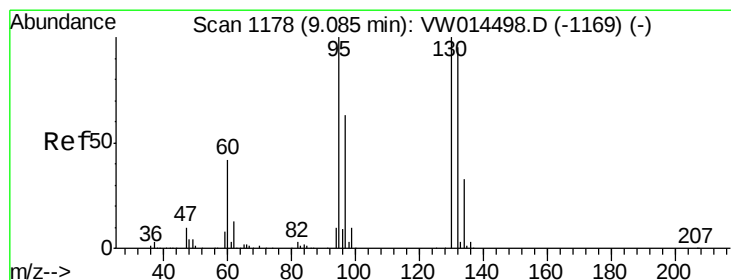
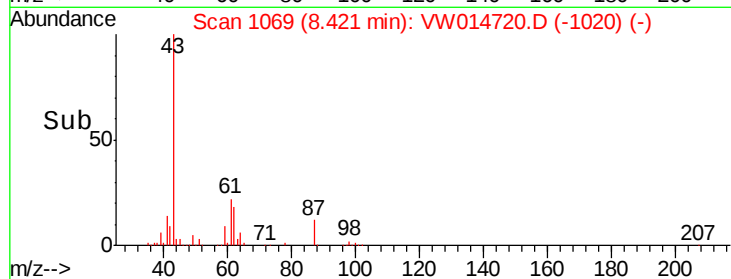
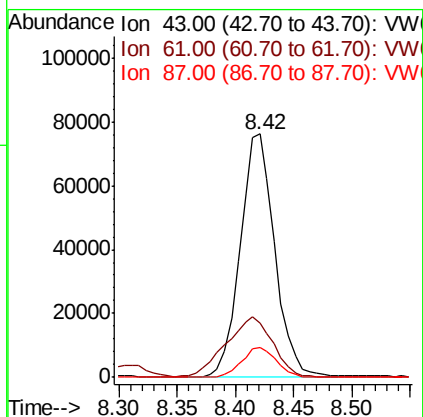
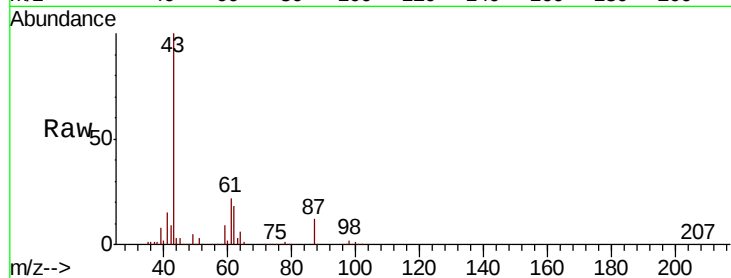




#43
Isopropyl Acetate
Concen: 19.037 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VW014720.D
Acq: 23 Jan 2020 12:44

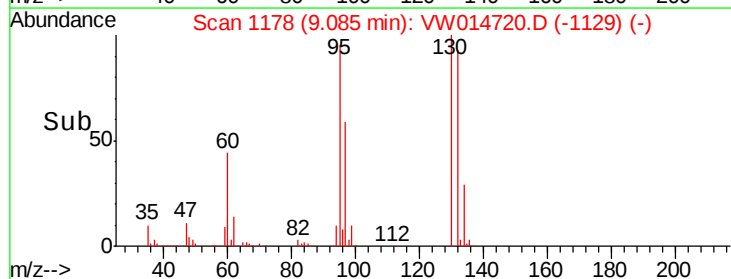
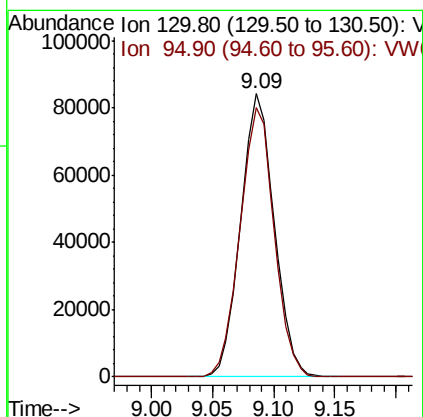
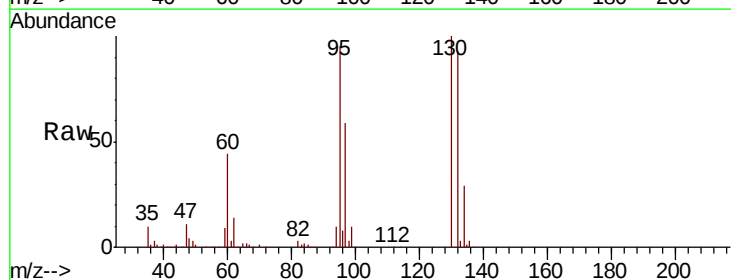
Instrument :
MSVOA_W
ClientSampleId :

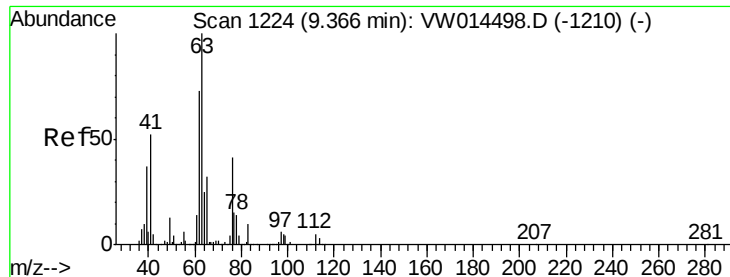
Tot Ion: 43 Resp: 156658
Ion Ratio Lower Upper
43 100
61 33.0 24.7 37.1
87 12.4 11.1 16.7



#44
Trichloroethene
Concen: 21.061 ug/l
RT: 9.09 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VW014720.D
Acq: 23 Jan 2020 12:44

Tgt Ion: 130 Resp: 161118
Ion Ratio Lower Upper
130 100
95 95.0 0.0 199.4

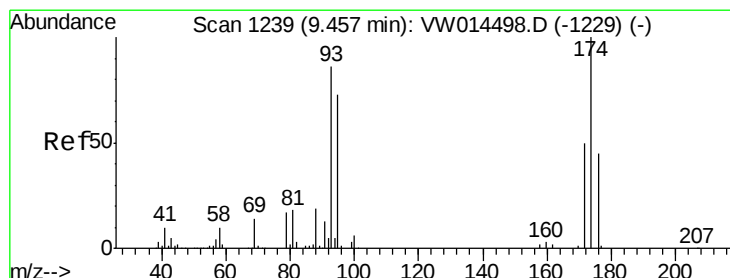
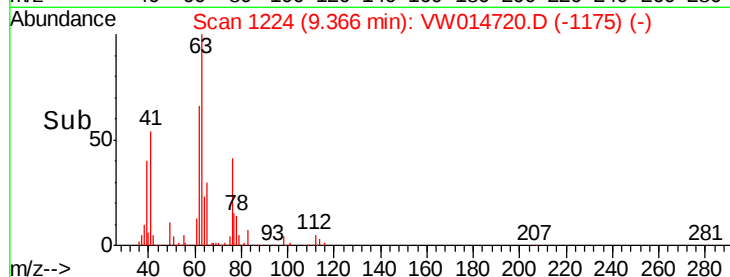
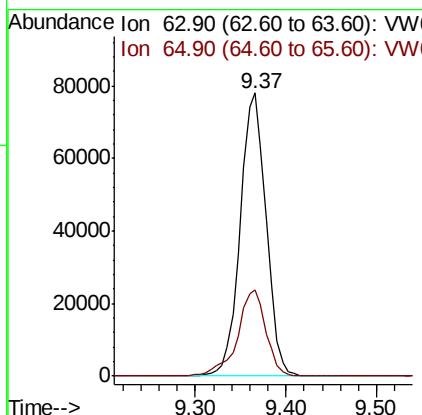
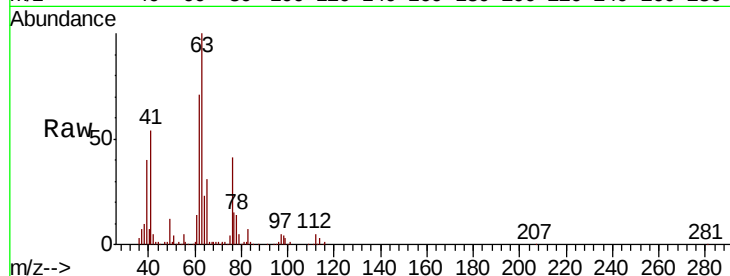




#45
 1,2-Dichloropropane
 Concen: 22.254 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW014720.D
 Acq: 23 Jan 2020 12:44

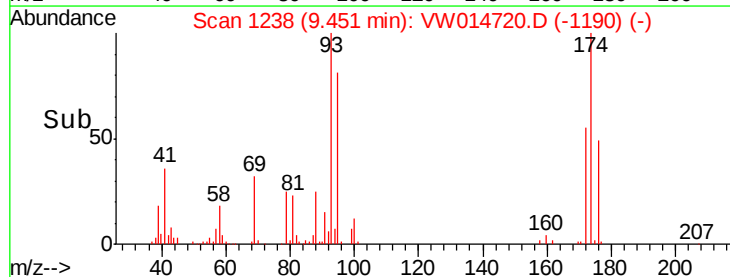
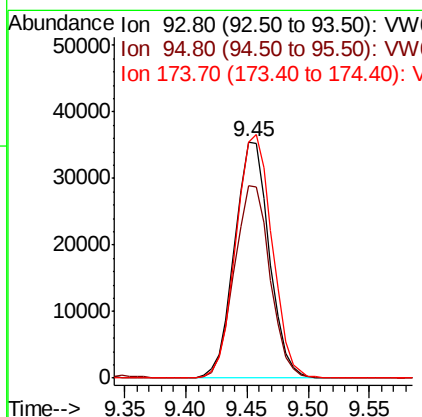
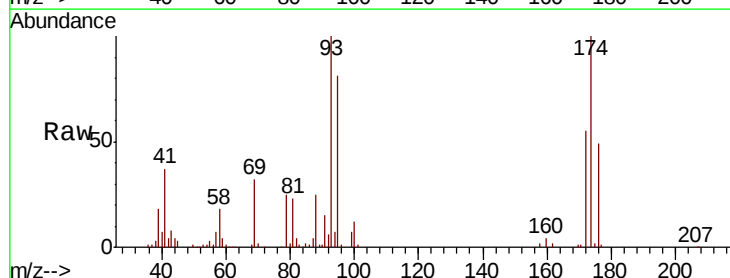
Instrument :
 MSVOA_W
 ClientSampleId :

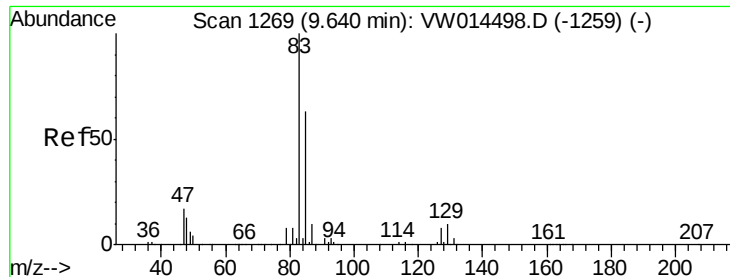
Tot Ion: 63 Resp: 154384
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.6 38.4



#46
 Dibromomethane
 Concen: 20.414 ug/l
 RT: 9.45 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: VW014720.D
 Acq: 23 Jan 2020 12:44

Tgt Ion: 93 Resp: 69913
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.4 99.6
 174 107.6 89.1 133.7





#47

Bromodichloromethane

Concen: 21.791 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW014720.D

Acq: 23 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

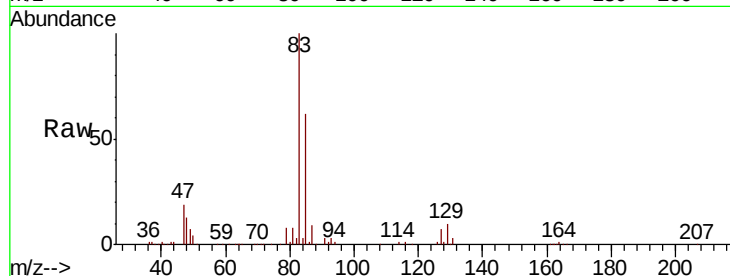
Tot Ion: 83 Resp: 184250

Ion Ratio Lower Upper

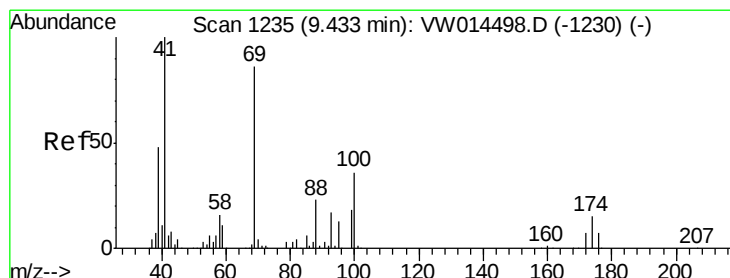
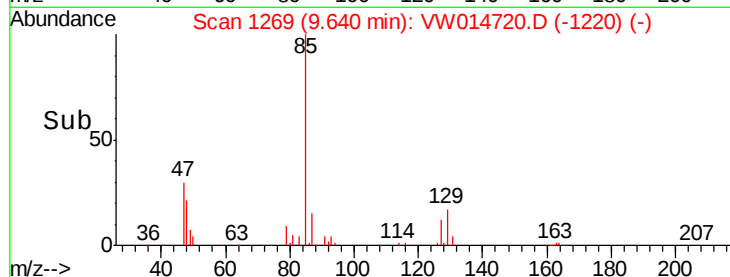
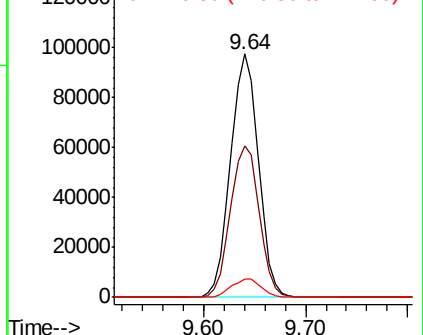
83 100

85 62.4 50.6 76.0

127 7.5 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.000 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW014720.D

Acq: 23 Jan 2020 12:44

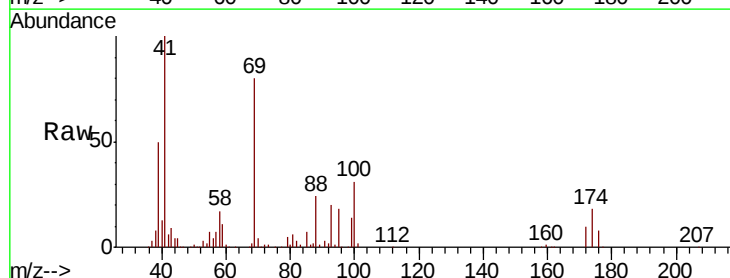
Tgt Ion: 41 Resp: 76337

Ion Ratio Lower Upper

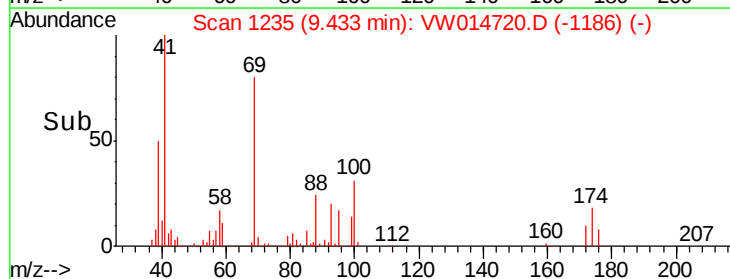
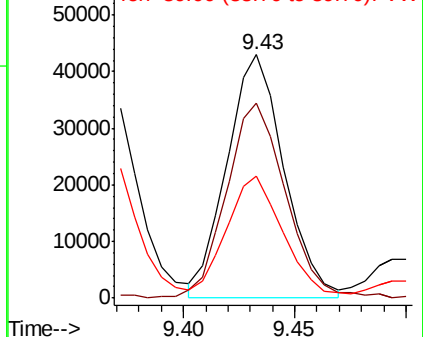
41 100

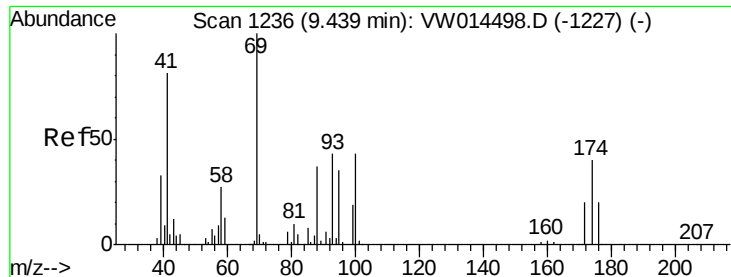
69 82.8 68.3 102.5

39 46.3 36.8 55.2



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

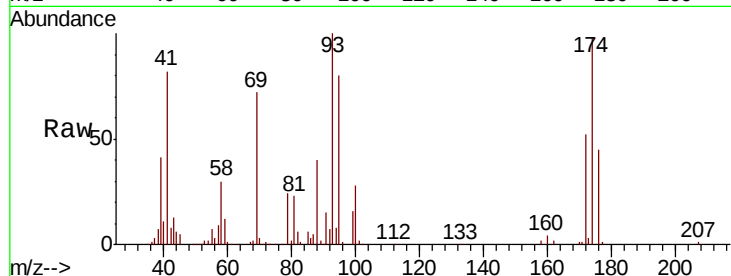




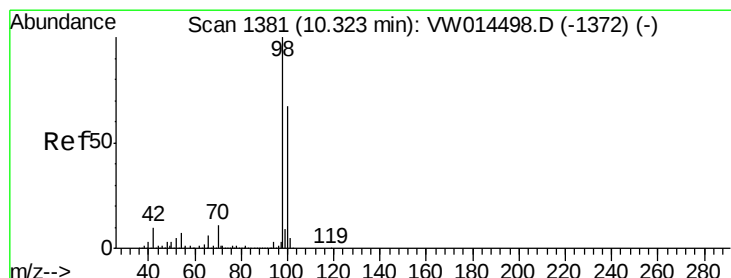
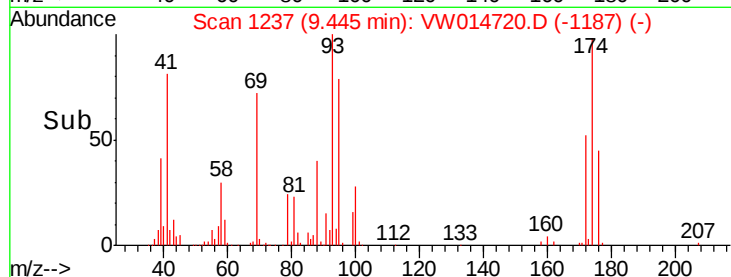
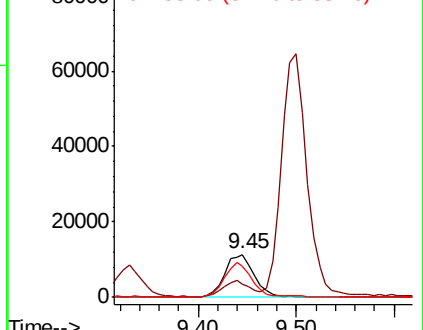
#49
1,4-Dioxane
Concen: 373.611 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VW014720.D
Acq: 23 Jan 2020 12:44

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 88 Resp: 23932
Ion Ratio Lower Upper
88 100
43 34.1 24.9 37.3
58 77.8 56.9 85.3

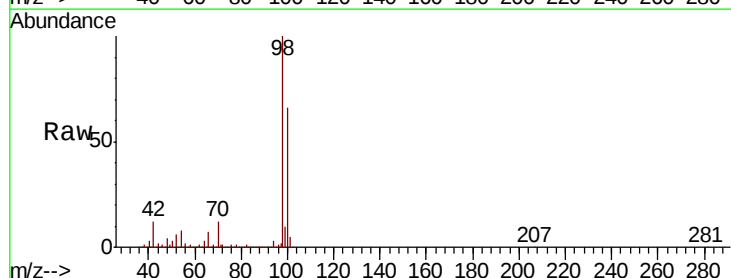


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

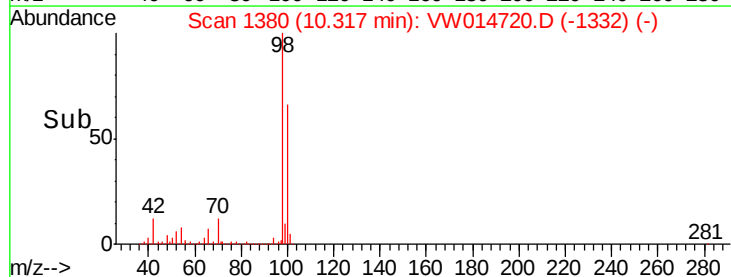
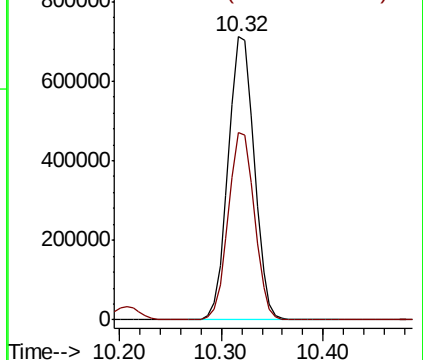


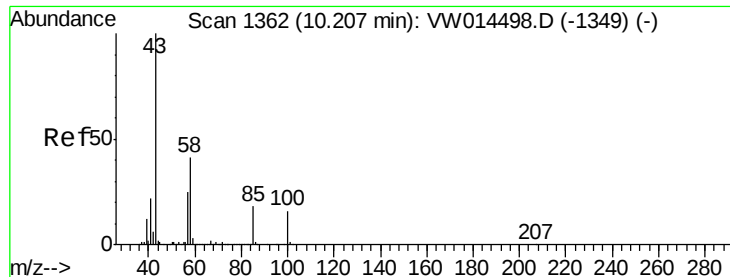
#50
Toluene-d8
Concen: 50.837 ug/l
RT: 10.32 min Scan# 1380
Delta R.T. -0.01 min
Lab File: VW014720.D
Acq: 23 Jan 2020 12:44

Tgt Ion: 98 Resp: 1256732
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

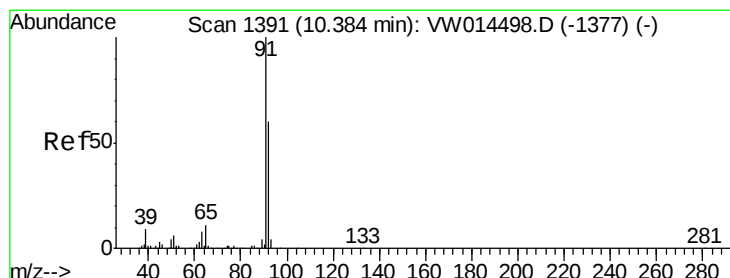
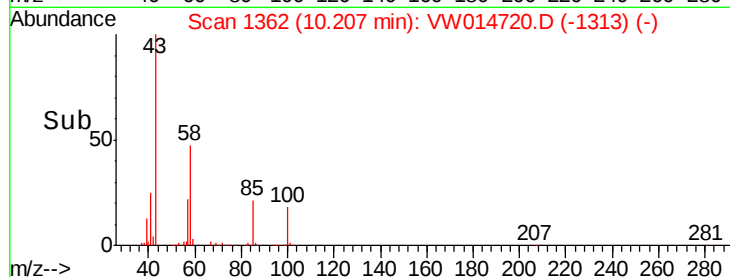
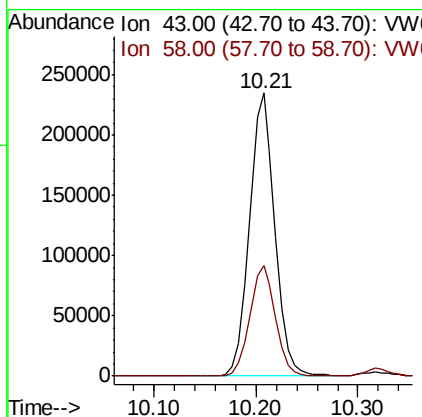
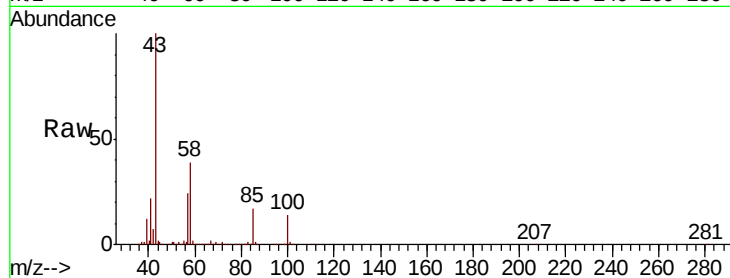




#51
 4-Methyl-2-Pentanone
 Concen: 94.746 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW014720.D
 Acq: 23 Jan 2020 12:44

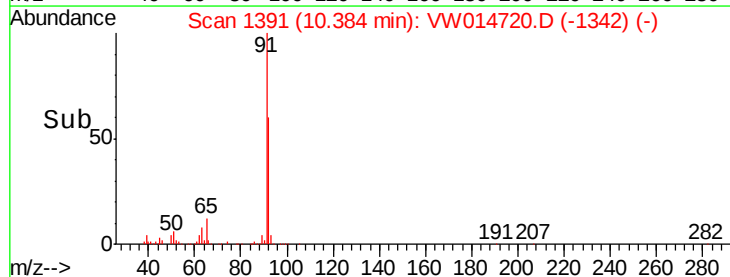
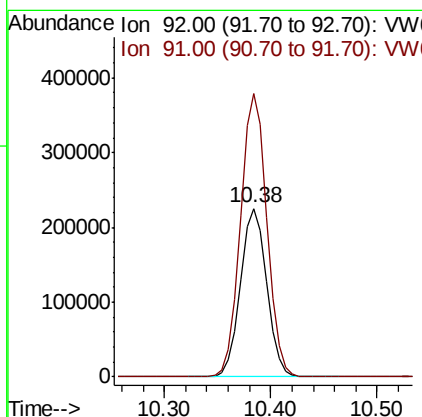
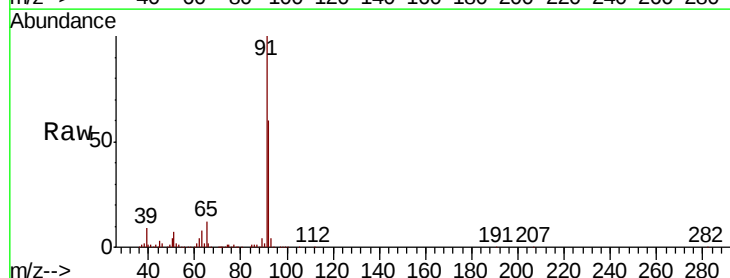
Instrument :
 MSVOA_W
 ClientSampled :

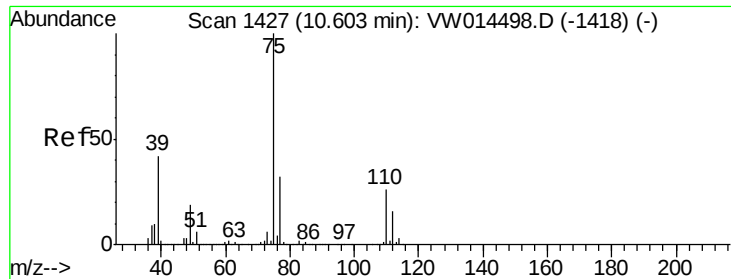
Tot Ion: 43 Resp: 404887
 Ion Ratio Lower Upper
 43 100
 58 39.5 32.7 49.1



#52
 Toluene
 Concen: 21.932 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW014720.D
 Acq: 23 Jan 2020 12:44

Tgt Ion: 92 Resp: 390076
 Ion Ratio Lower Upper
 92 100
 91 169.0 134.1 201.1

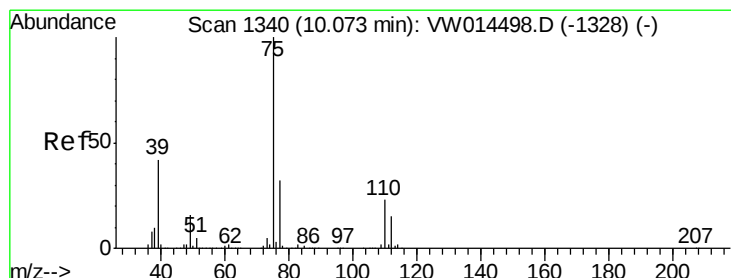
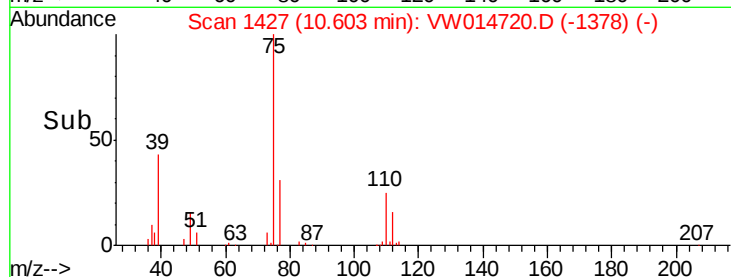
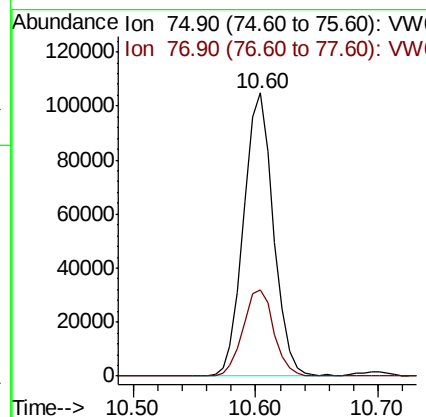
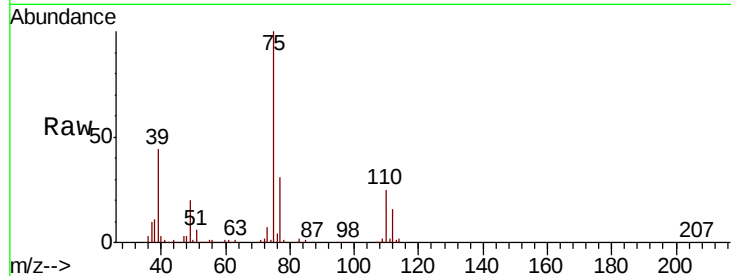




#53
t-1,3-Dichloropropene
Concen: 20.235 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW014720.D
Acq: 23 Jan 2020 12:44

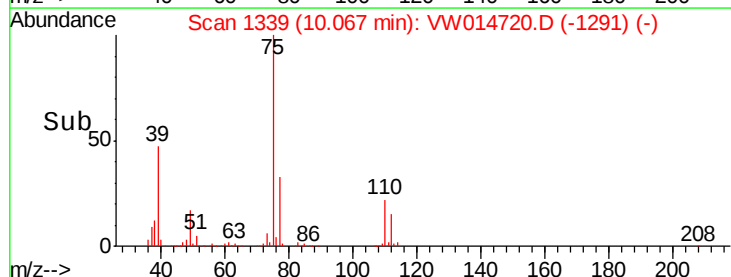
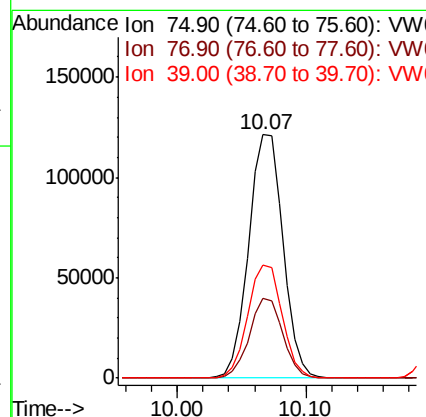
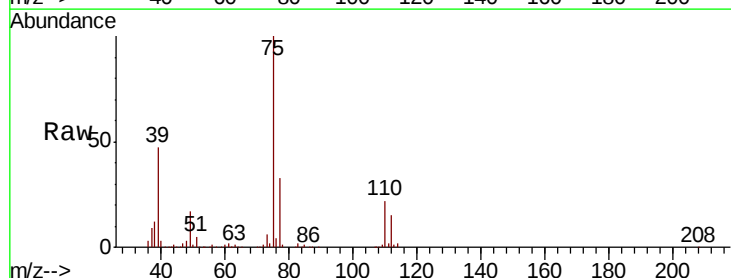
Instrument :
MSVOA_W
ClientSampled :

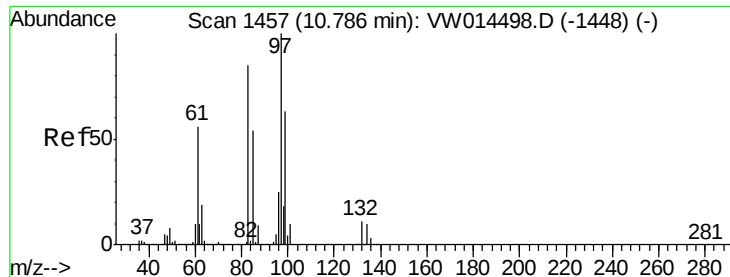
Tot Ion: 75 Resp: 177148
Ion Ratio Lower Upper
75 100
77 30.4 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 20.842 ug/l
RT: 10.07 min Scan# 1339
Delta R.T. -0.01 min
Lab File: VW014720.D
Acq: 23 Jan 2020 12:44

Tgt Ion: 75 Resp: 223002
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.0
39 46.5 33.4 50.2

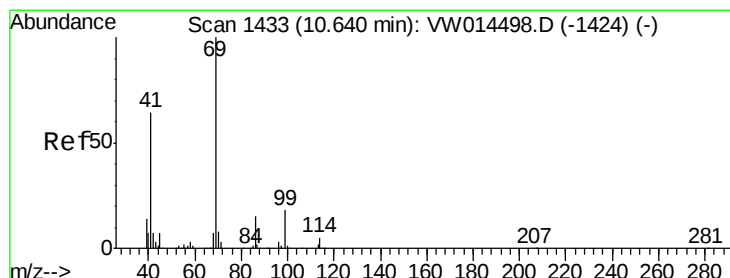
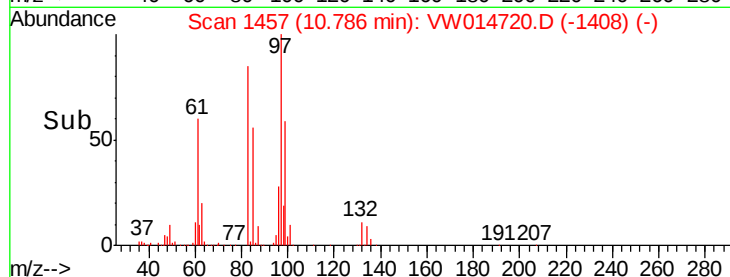
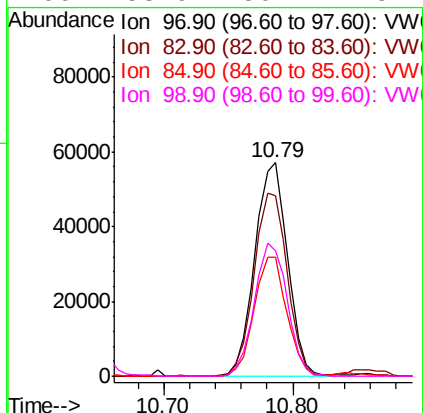
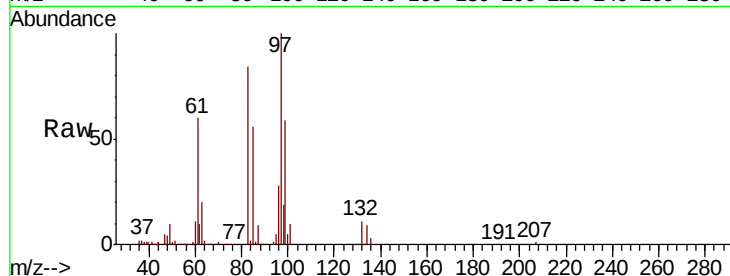




#55
 1,1,2-Trichloroethane
 Concen: 20.081 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW014720.D
 Acq: 23 Jan 2020 12:44

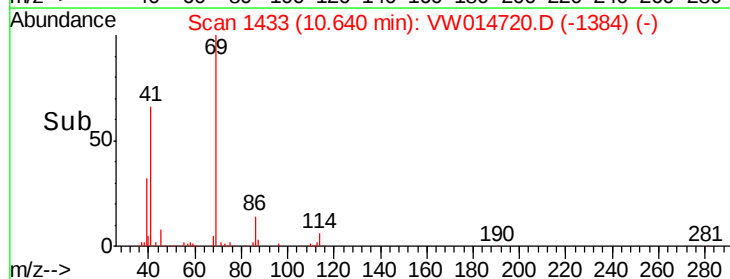
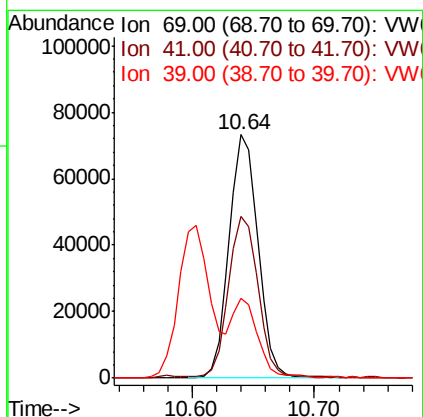
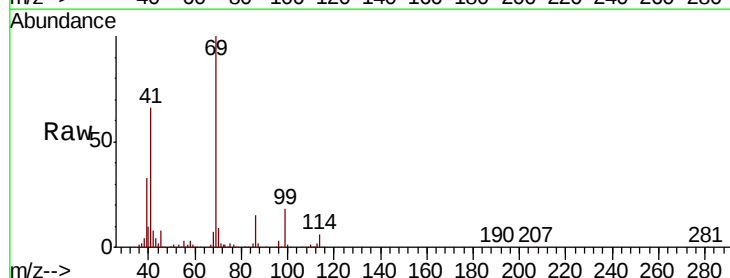
Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	97	Resp:	100443
Ion	Ratio	Lower	Upper
97	100		
83	84.3	68.2	102.4
85	55.7	43.0	64.4
99	58.9	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 18.522 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: VW014720.D
 Acq: 23 Jan 2020 12:44

Tgt Ion:	69	Resp:	120403
Ion	Ratio	Lower	Upper
69	100		
41	66.4	51.3	76.9
39	27.6	21.0	31.6





#57

1,3-Dichloropropane

Concen: 20.572 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW014720.D

Acq: 23 Jan 2020 12:44

Instrument :

MSVOA_W

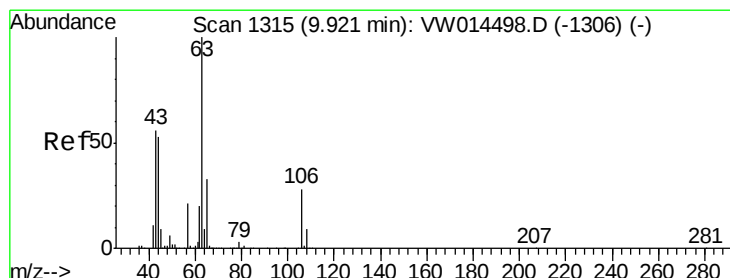
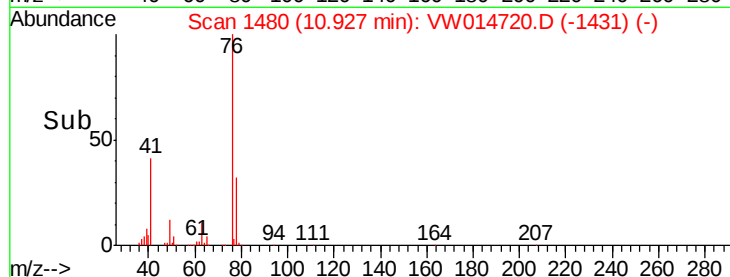
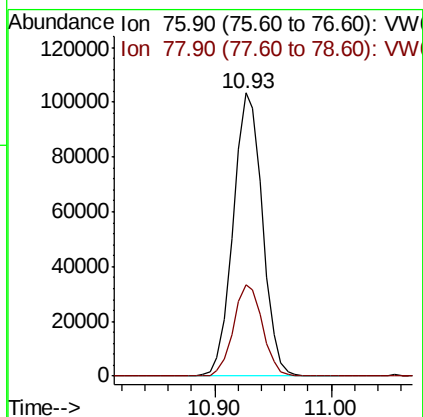
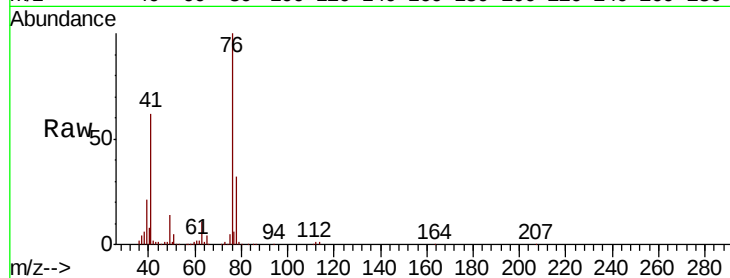
ClientSampleId :

Tot Ion: 76 Resp: 180851

Ion Ratio Lower Upper

76 100

78 32.1 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 96.780 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW014720.D

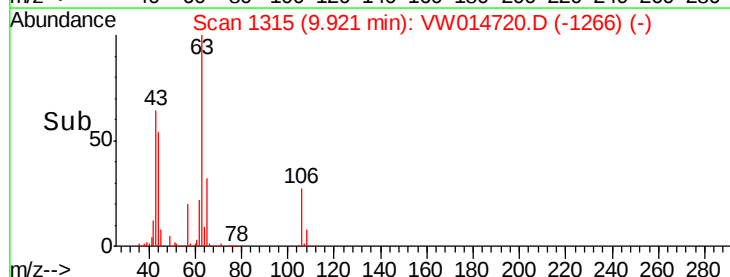
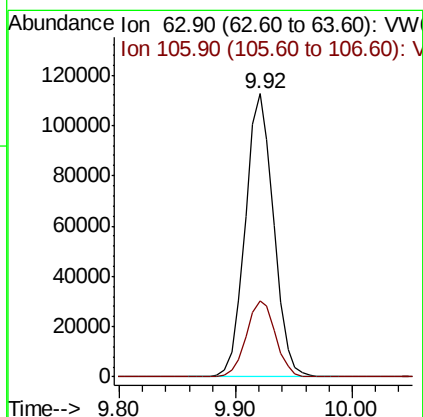
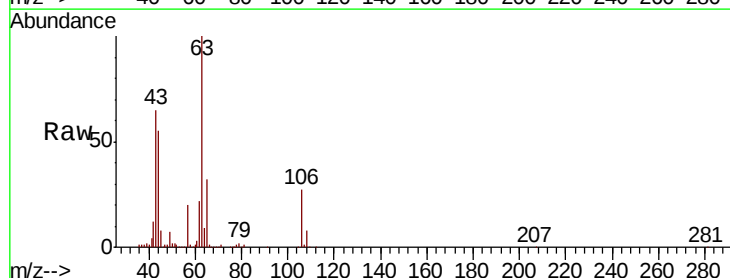
Acq: 23 Jan 2020 12:44

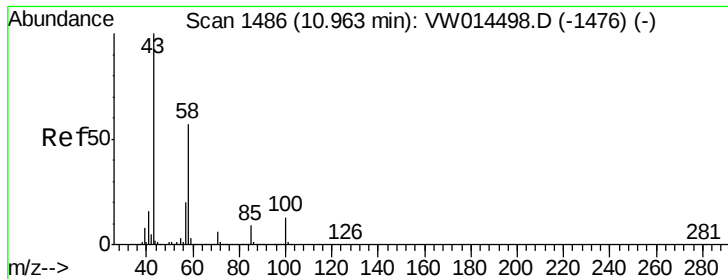
Tgt Ion: 63 Resp: 191334

Ion Ratio Lower Upper

63 100

106 27.7 23.0 34.6

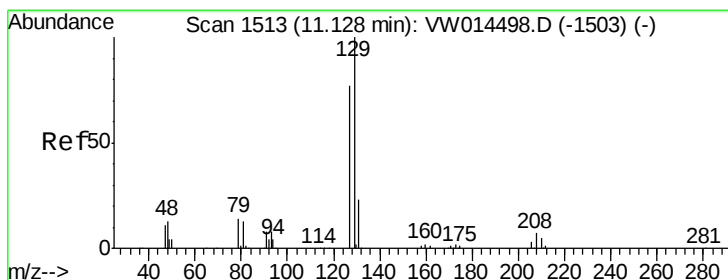
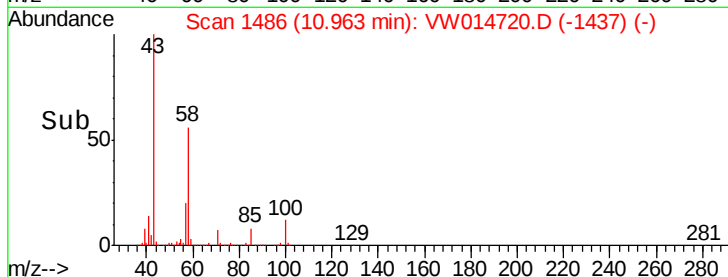
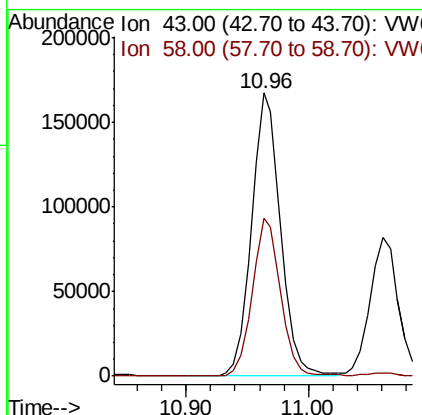
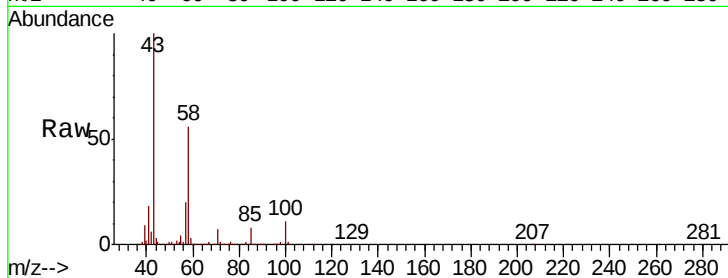




#59
2-Hexanone
Concen: 93.411 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VW014720.D
Acq: 23 Jan 2020 12:44

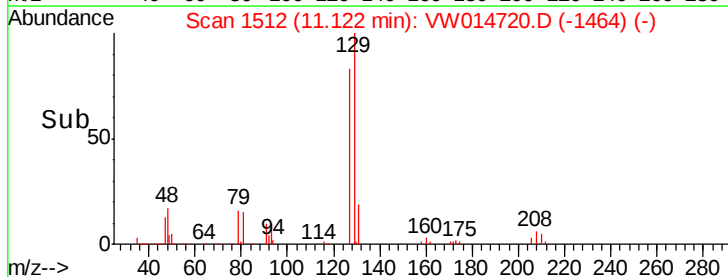
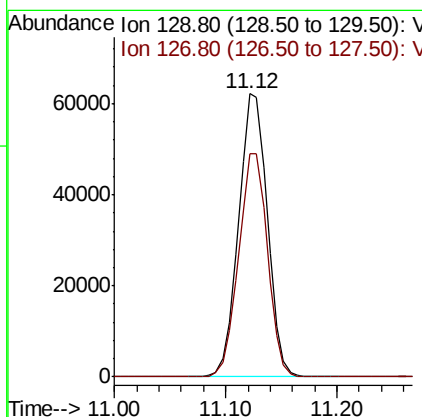
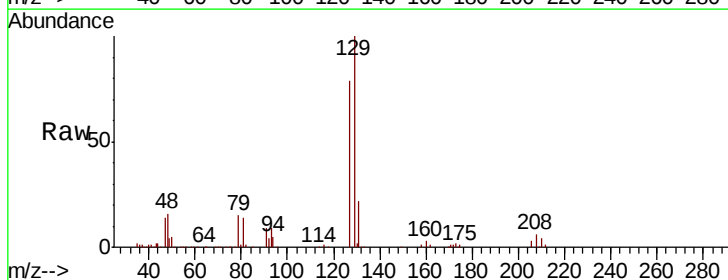
Instrument :
MSVOA_W
ClientSampleId :

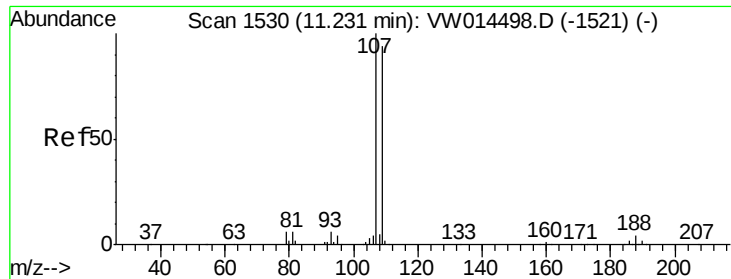
Tot Ion: 43 Resp: 275074
Ion Ratio Lower Upper
43 100
58 54.6 28.7 86.3



#60
Dibromochloromethane
Concen: 19.733 ug/l
RT: 11.12 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VW014720.D
Acq: 23 Jan 2020 12:44

Tgt Ion: 129 Resp: 111365
Ion Ratio Lower Upper
129 100
127 79.2 38.1 114.5





#61

1,2-Dibromoethane

Concen: 19.501 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VW014720.D

Acq: 23 Jan 2020 12:44

Instrument :

MSVOA_W

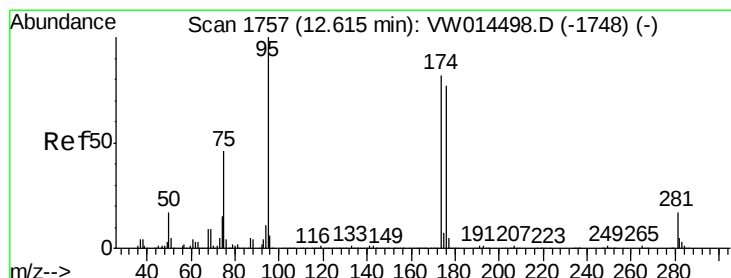
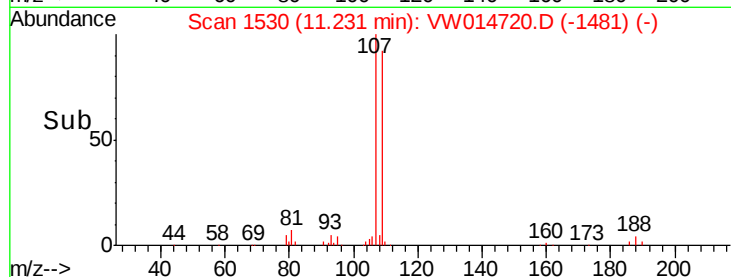
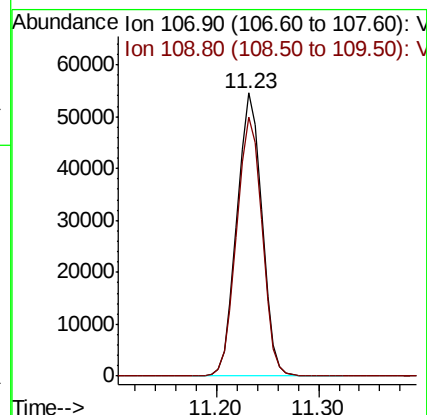
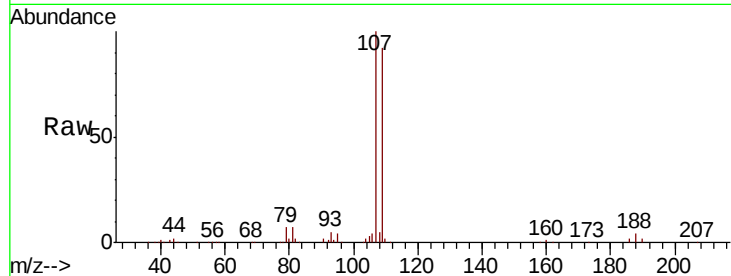
ClientSampleId :

Tot Ion:107 Resp: 92591

Ion Ratio Lower Upper

107 100

109 92.8 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 50.480 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW014720.D

Acq: 23 Jan 2020 12:44

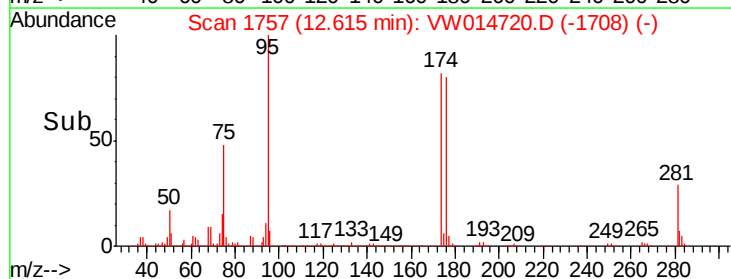
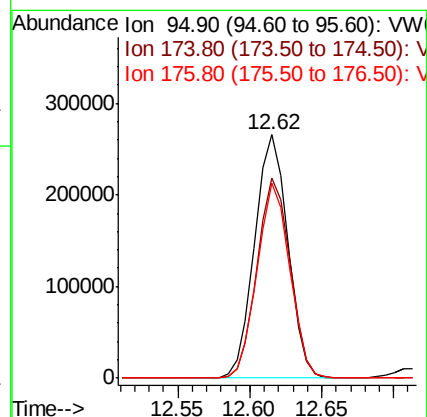
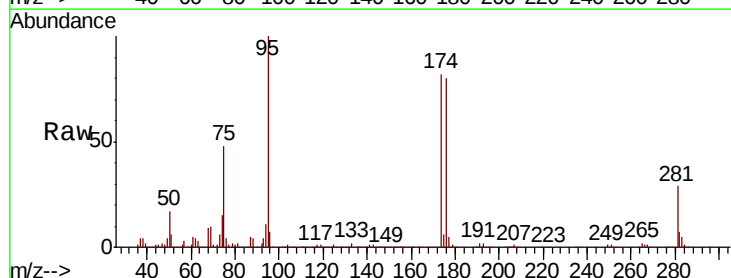
Tgt Ion: 95 Resp: 423275

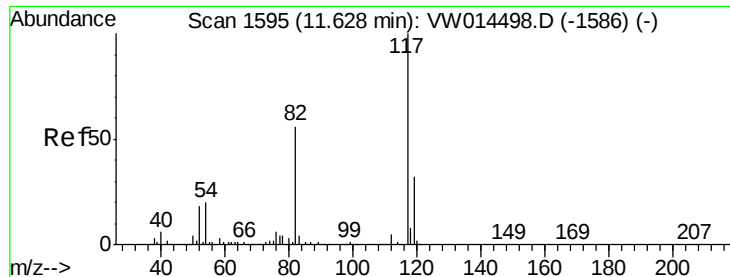
Ion Ratio Lower Upper

95 100

174 82.0 0.0 168.6

176 78.8 0.0 162.0

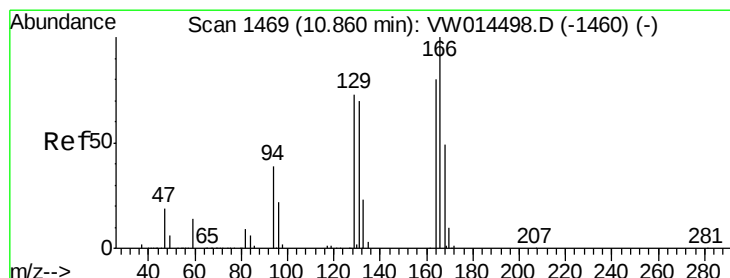
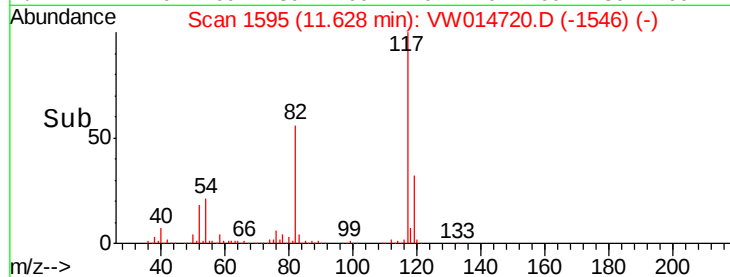
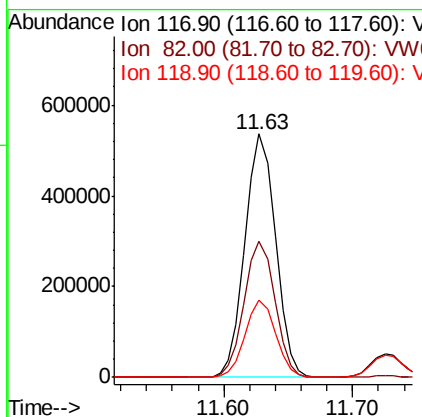
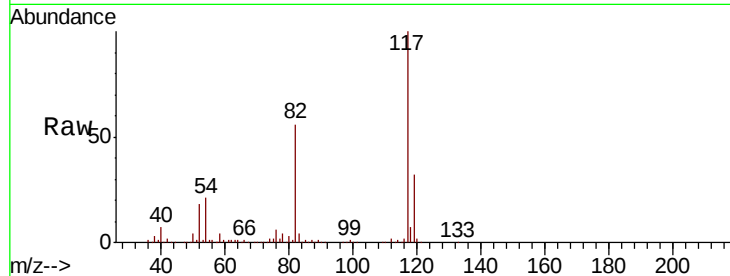




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014720.D
Acq: 23 Jan 2020 12:44

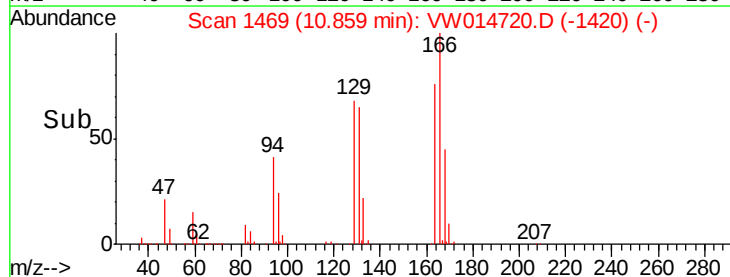
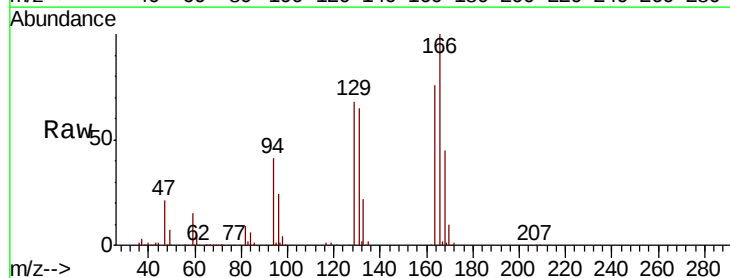
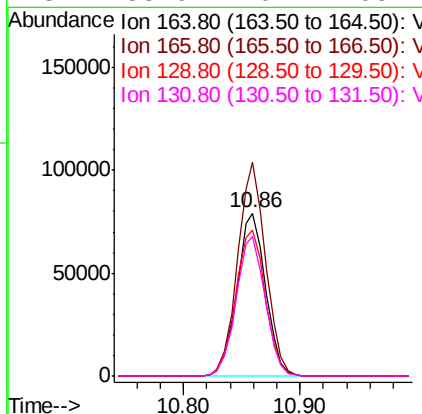
Instrument :
MSVOA_W
ClientSampleId :

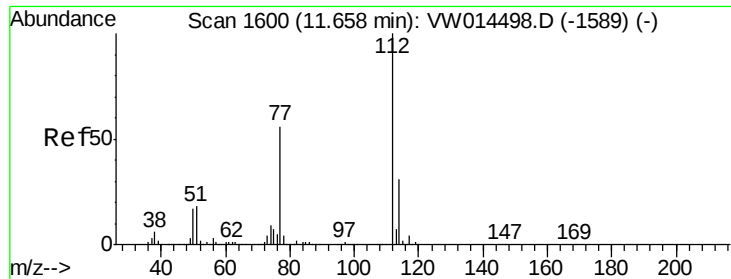
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.6	67.0
119	31.8	25.7	38.5



#64
Tetrachloroethene
Concen: 21.056 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW014720.D
Acq: 23 Jan 2020 12:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.3	99.8	149.6
129	89.5	72.4	108.6
131	85.9	70.1	105.1





#65

Chlorobenzene

Concen: 21.409 ug/l

RT: 11.65 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VW014720.D

Acq: 23 Jan 2020 12:44

Instrument :

MSVOA_W

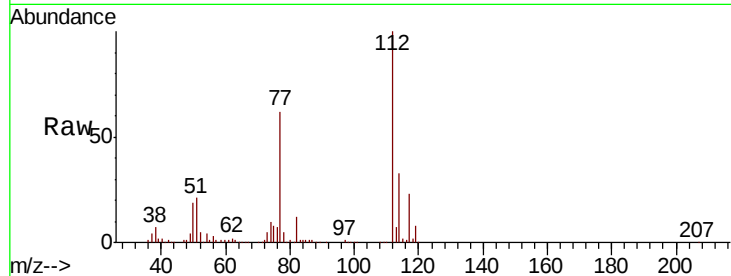
ClientSampled :

Tot Ion:112 Resp: 388247

Ion Ratio Lower Upper

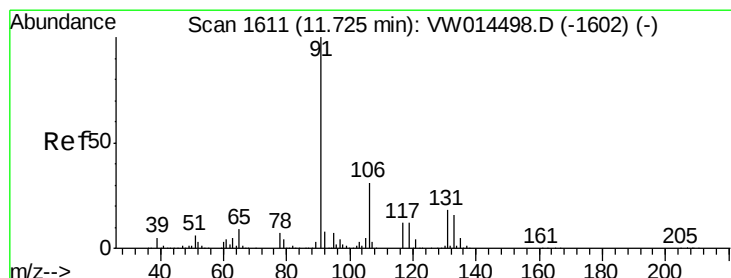
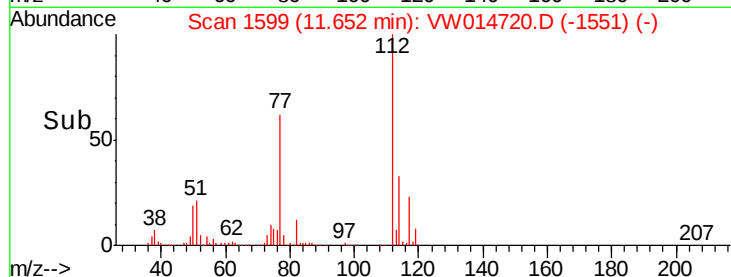
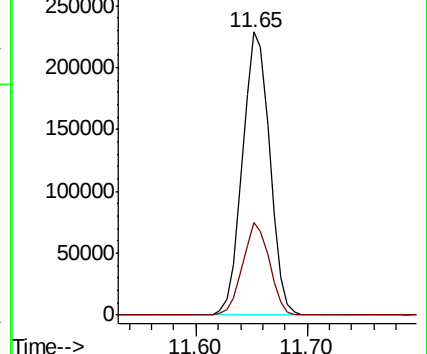
112 100

114 32.6 24.6 37.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.071 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.01 min

Lab File: VW014720.D

Acq: 23 Jan 2020 12:44

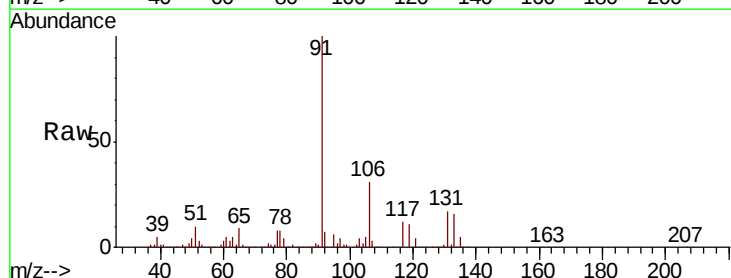
Tgt Ion:131 Resp: 128661

Ion Ratio Lower Upper

131 100

133 97.0 47.3 142.0

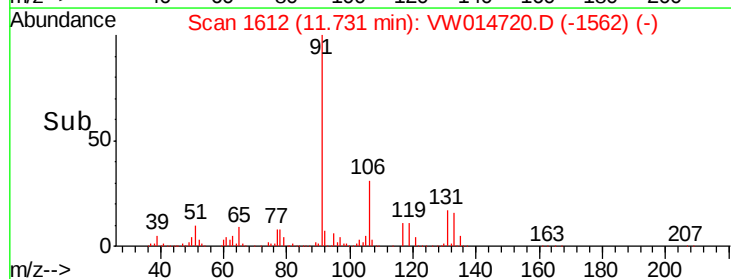
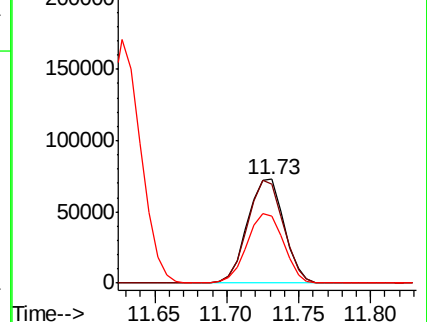
119 66.9 33.1 99.3

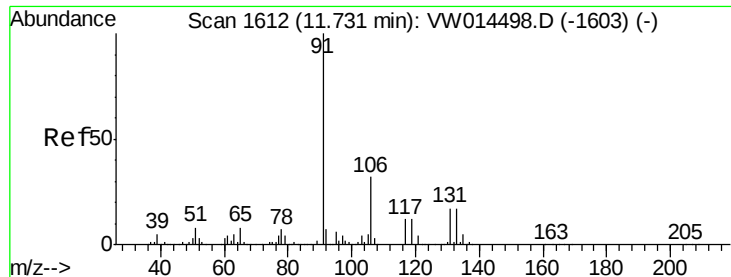


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

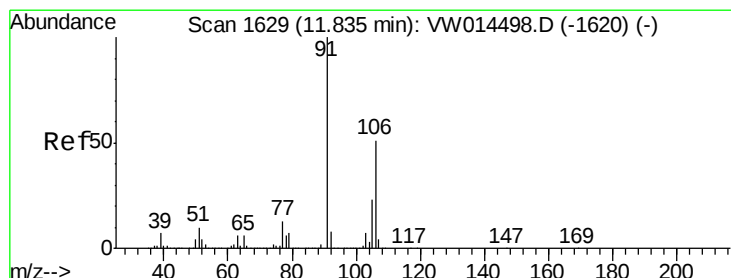
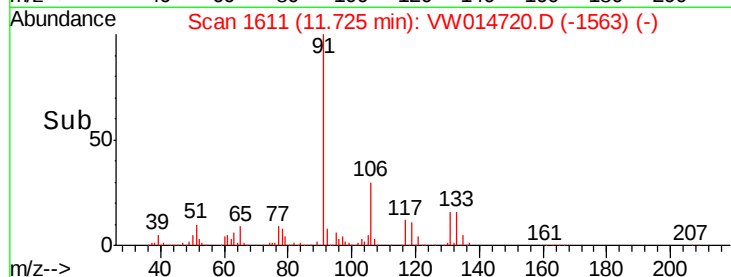
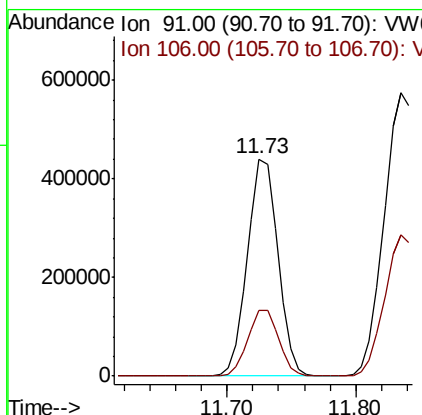
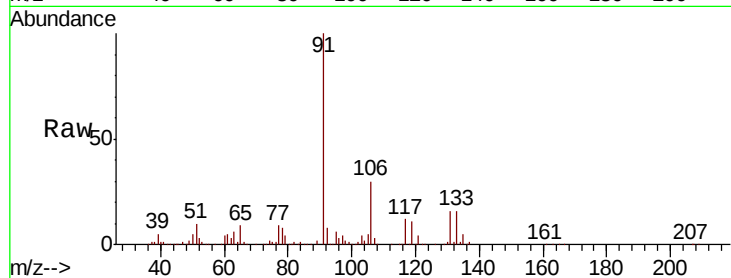




#67
Ethyl Benzene
Concen: 22.076 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW014720.D
Acq: 23 Jan 2020 12:44

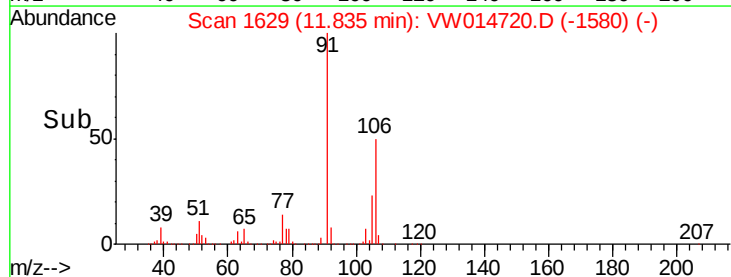
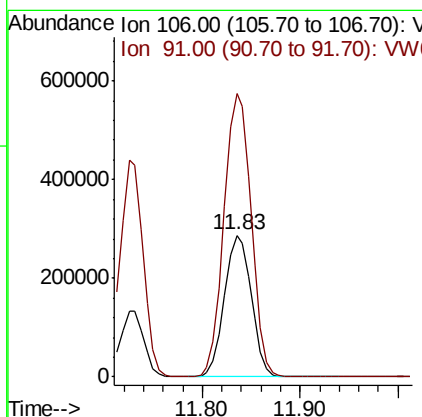
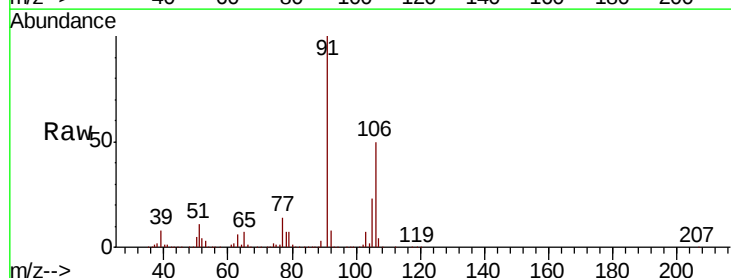
Instrument :
MSVOA_W
ClientSampleId :

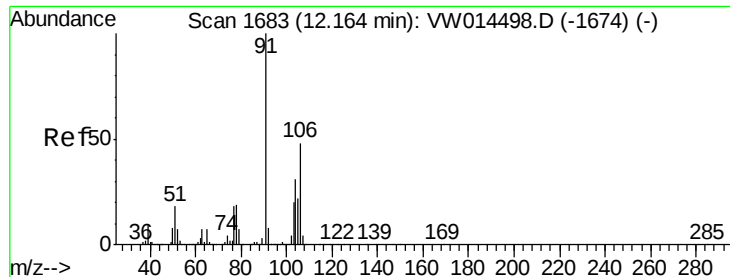
Tot Ion: 91 Resp: 721496
Ion Ratio Lower Upper
91 100
106 30.0 25.5 38.3



#68
m/p-Xylenes
Concen: 43.657 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW014720.D
Acq: 23 Jan 2020 12:44

Tgt Ion:106 Resp: 546076
Ion Ratio Lower Upper
106 100
91 202.1 159.0 238.6

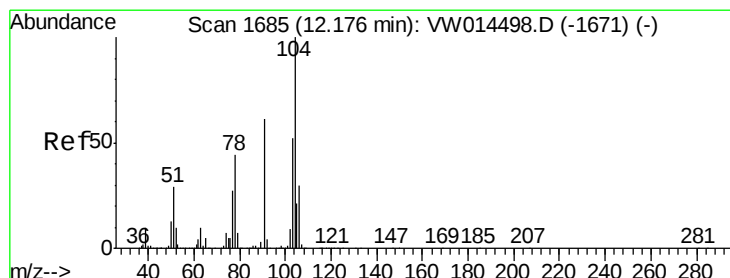
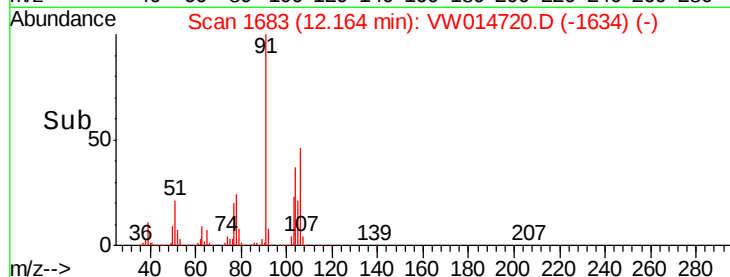
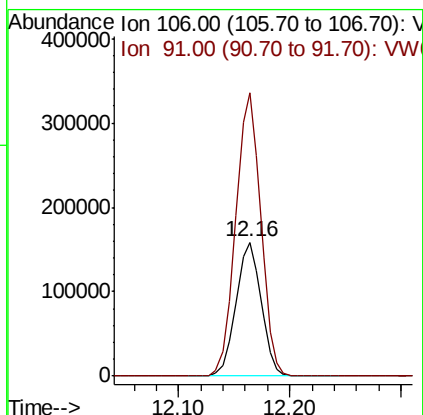
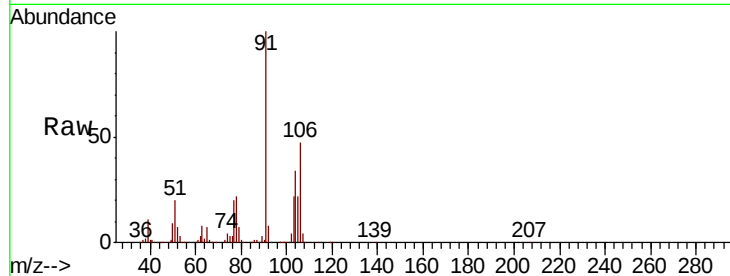




#69
o-Xylene
Concen: 21.444 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014720.D
Acq: 23 Jan 2020 12:44

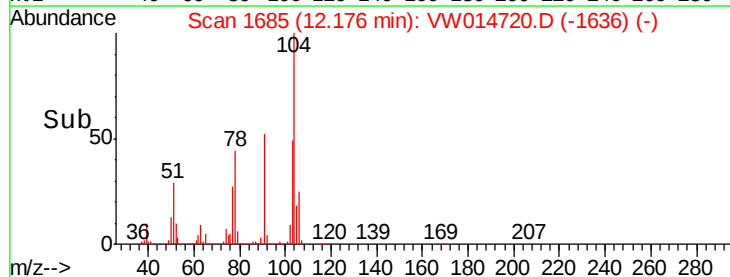
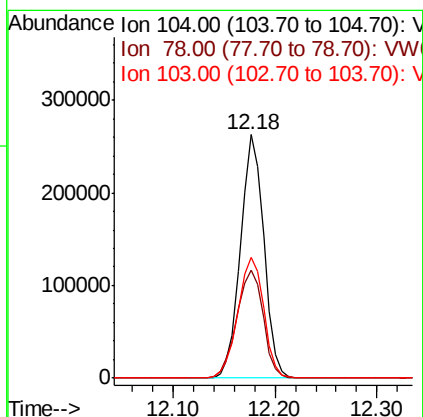
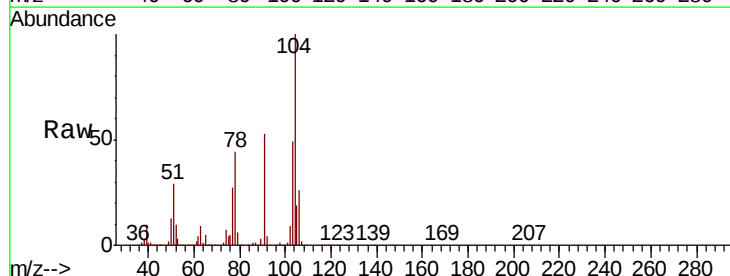
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:106 Resp: 247770
Ion Ratio Lower Upper
106 100
91 211.3 105.2 315.6



#70
Styrene
Concen: 21.314 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW014720.D
Acq: 23 Jan 2020 12:44

Tgt Ion:104 Resp: 416524
Ion Ratio Lower Upper
104 100
78 50.0 38.4 57.6
103 55.0 43.7 65.5





#71

Bromoform

Concen: 18.750 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW014720.D

Acq: 23 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampled :

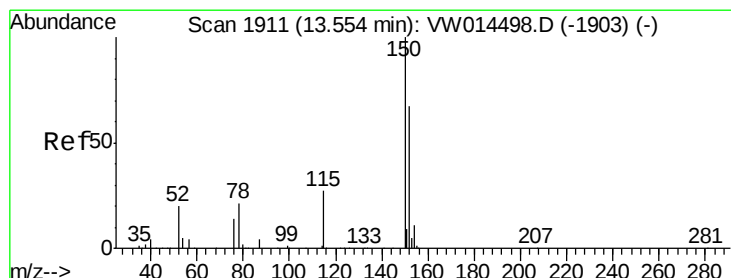
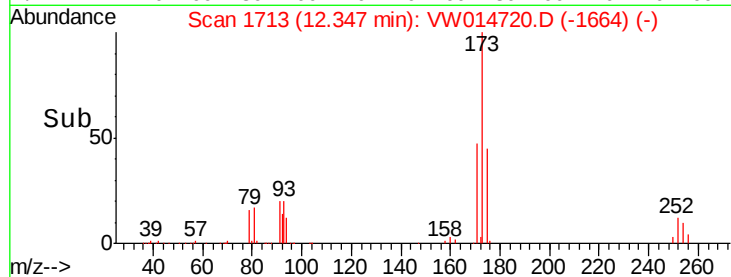
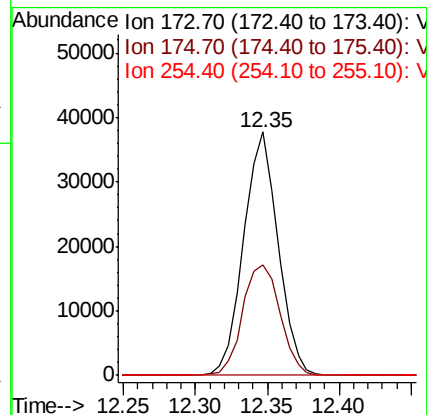
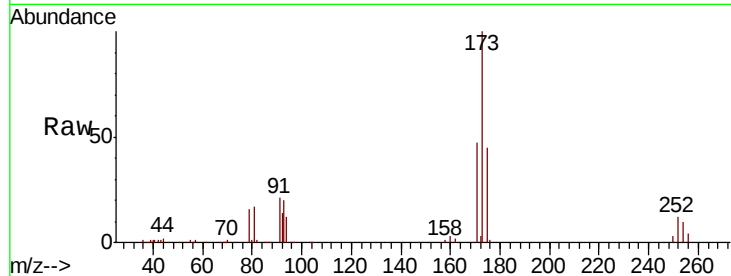
Tot Ion:173 Resp: 62447

Ion Ratio Lower Upper

173 100

175 49.4 24.5 73.5

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.00 min

Lab File: VW014720.D

Acq: 23 Jan 2020 12:44

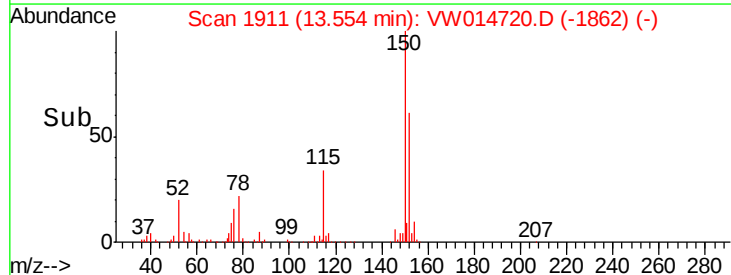
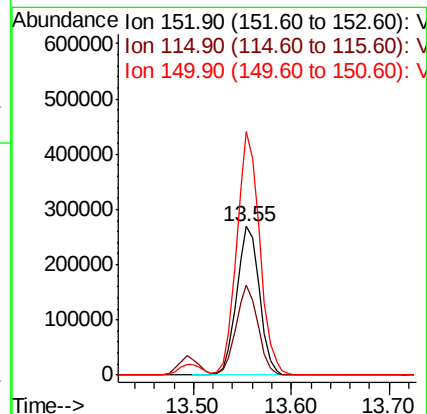
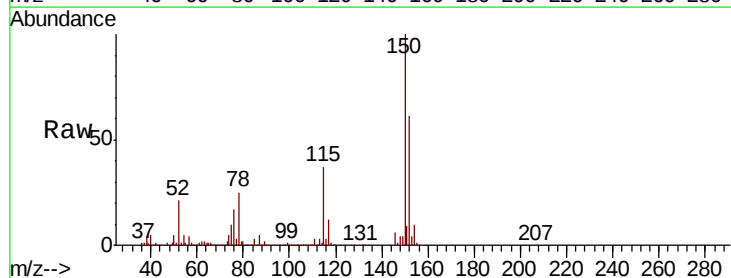
Tgt Ion:152 Resp: 431883

Ion Ratio Lower Upper

152 100

115 58.2 27.7 83.1

150 165.7 0.0 343.4





#73

Isopropylbenzene

Concen: 21.755 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW014720.D

Acq: 23 Jan 2020 12:44

Instrument :

MSVOA_W

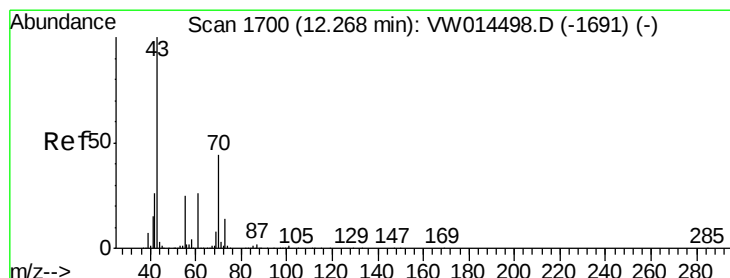
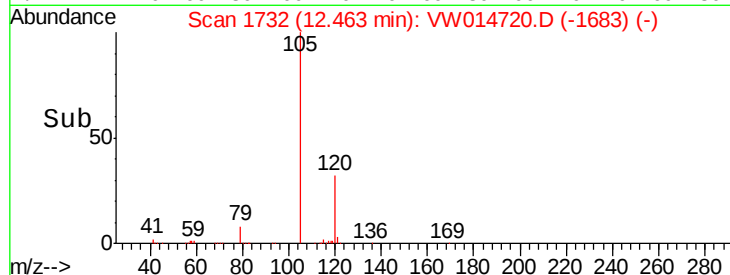
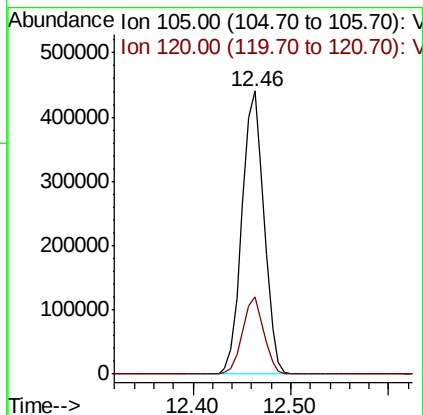
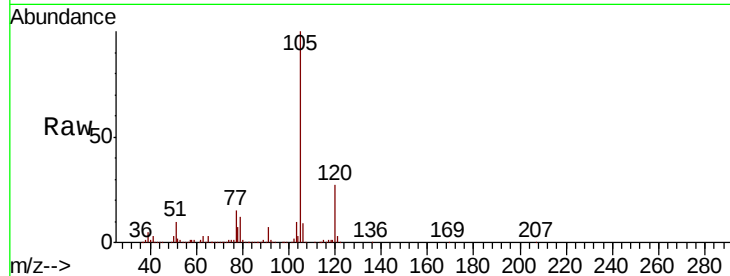
ClientSampleId :

Tot Ion:105 Resp: 689392

Ion Ratio Lower Upper

105 100

120 26.3 13.4 40.1



#74

N-ethyl acetate

Concen: 19.603 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VW014720.D

Acq: 23 Jan 2020 12:44

Tgt Ion: 43 Resp: 139284

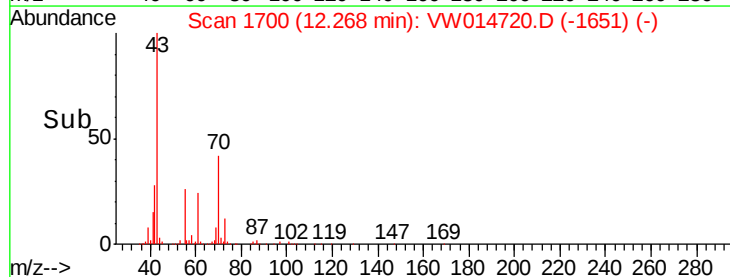
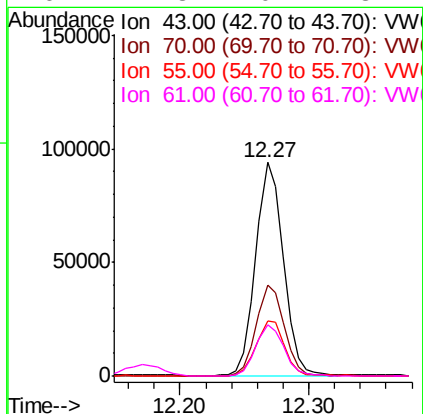
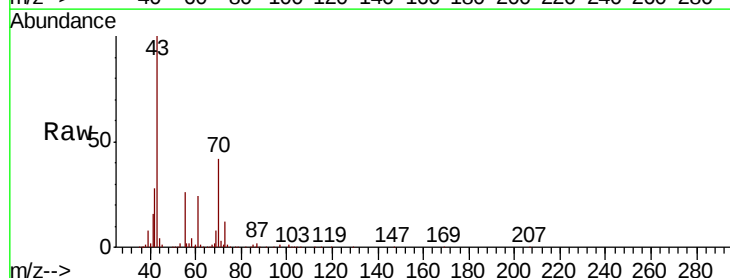
Ion Ratio Lower Upper

43 100

70 43.2 36.5 54.7

55 26.9 20.9 31.3

61 24.3 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.449 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW014720.D

Acq: 23 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampled :

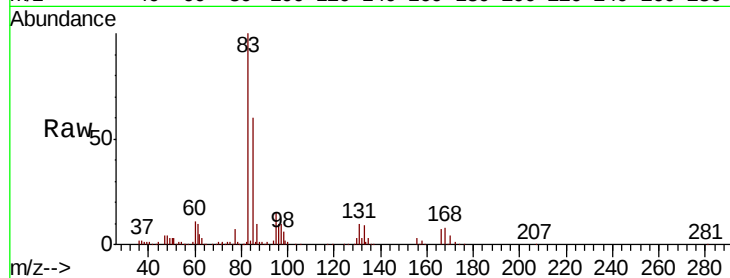
Tot Ion: 83 Resp: 111245

Ion Ratio Lower Upper

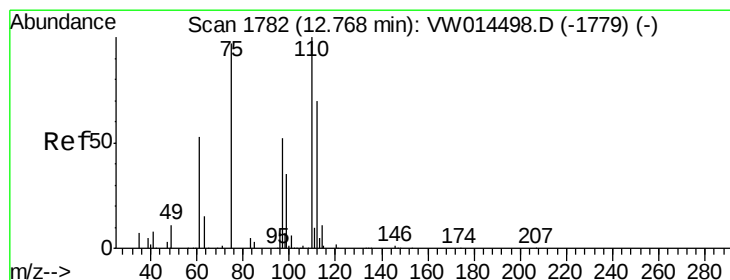
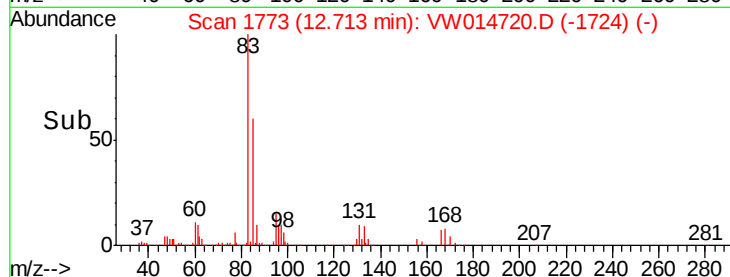
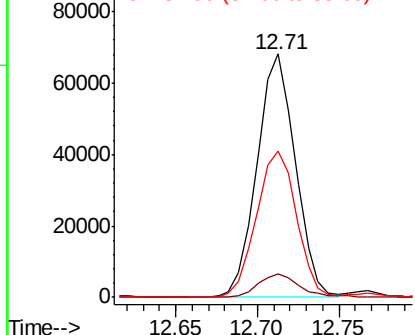
83 100

131 10.5 5.1 15.4

85 62.6 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: 34.674 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW014720.D

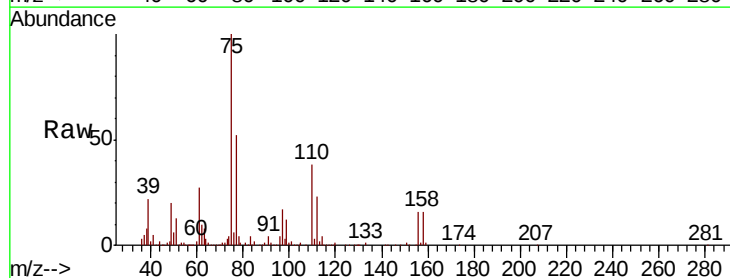
Acq: 23 Jan 2020 12:44

Tgt Ion: 75 Resp: 141588

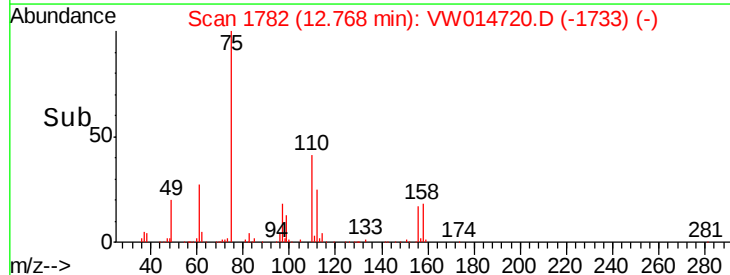
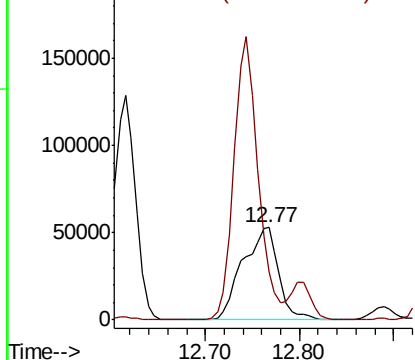
Ion Ratio Lower Upper

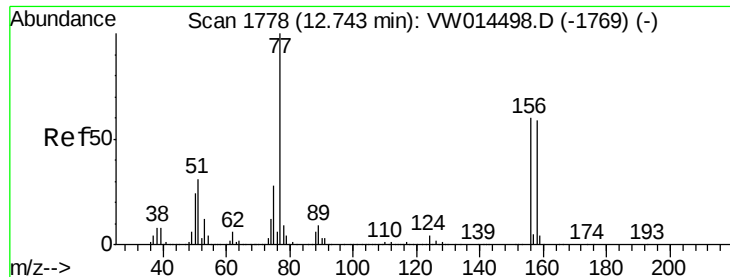
75 100

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: 20.868 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW014720.D

Acq: 23 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

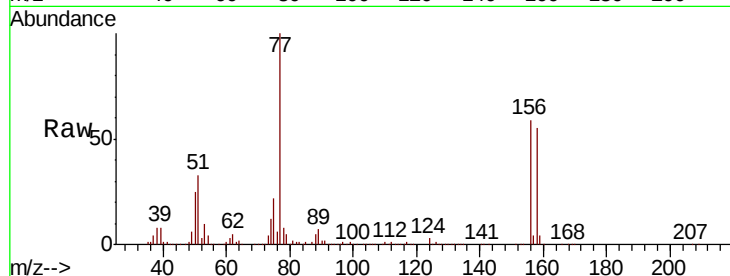
Tot Ion:156 Resp: 153593

Ion Ratio Lower Upper

156 100

77 188.7 92.3 277.1

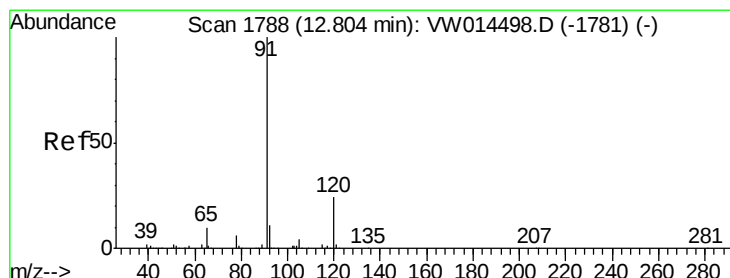
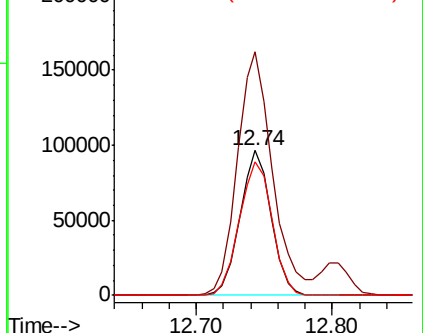
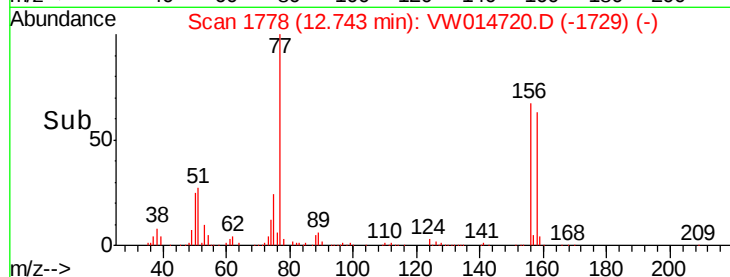
158 97.8 48.6 145.9



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: 22.586 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW014720.D

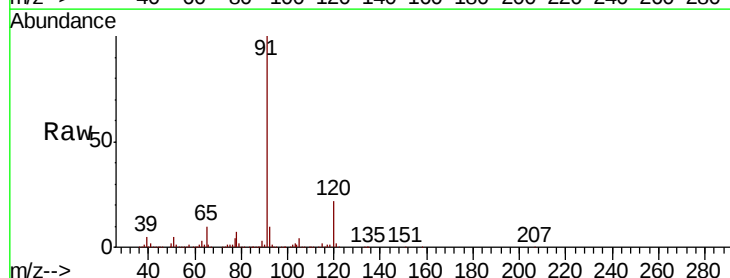
Acq: 23 Jan 2020 12:44

Tgt Ion: 91 Resp: 841628

Ion Ratio Lower Upper

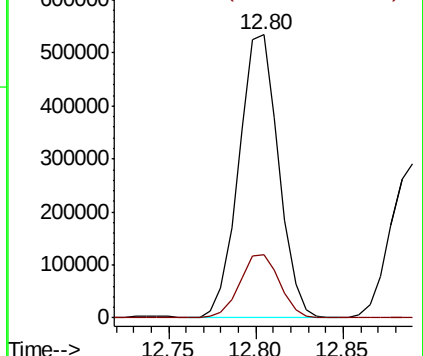
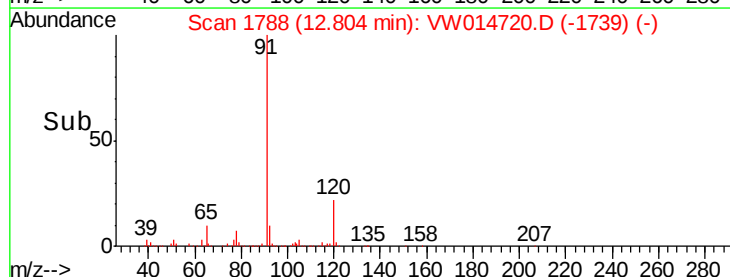
91 100

120 22.5 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: 22.154 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW014720.D

Acq: 23 Jan 2020 12:44

Instrument :

MSVOA_W

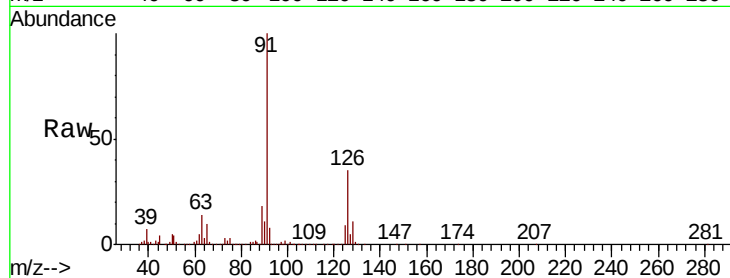
ClientSampleId :

Tot Ion: 91 Resp: 469798

Ion Ratio Lower Upper

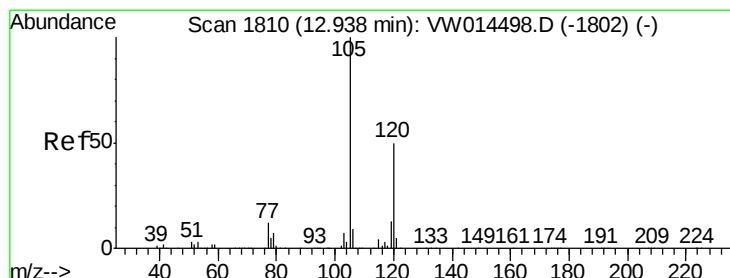
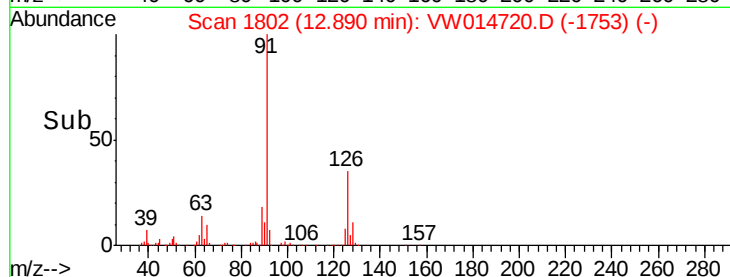
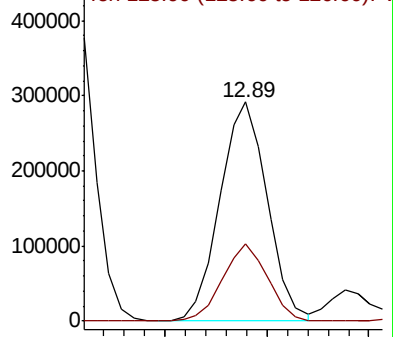
91 100

126 33.6 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 22.234 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW014720.D

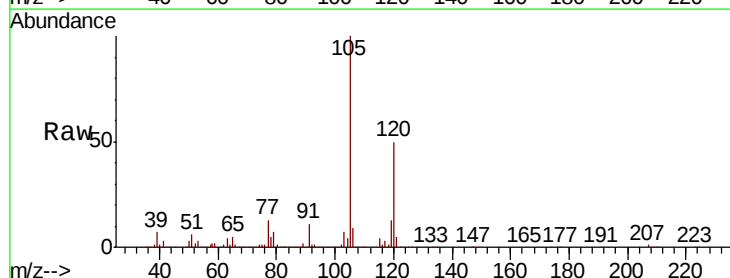
Acq: 23 Jan 2020 12:44

Tgt Ion:105 Resp: 591600

Ion Ratio Lower Upper

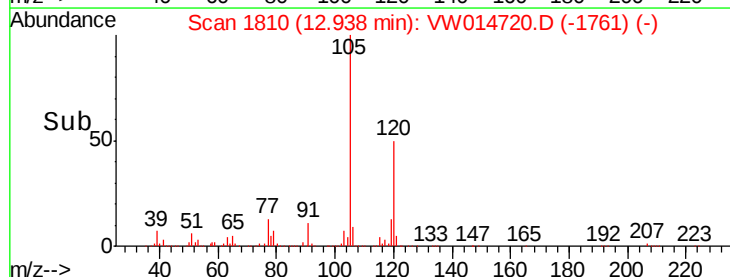
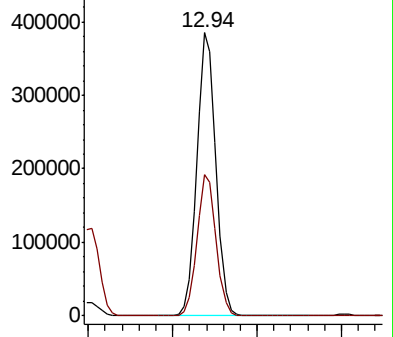
105 100

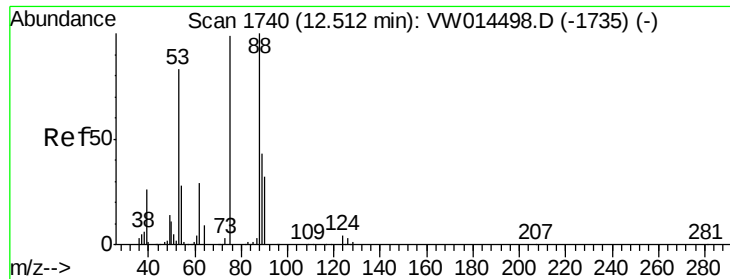
120 50.0 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.647 ug/l

RT: 12.51 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VW014720.D

Acq: 23 Jan 2020 12:44

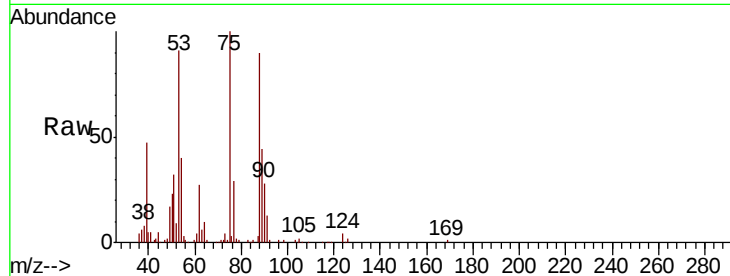
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 34175

Ion	Ratio	Lower	Upper
75	100		
53	97.2	70.9	106.3
89	44.5	35.8	53.8

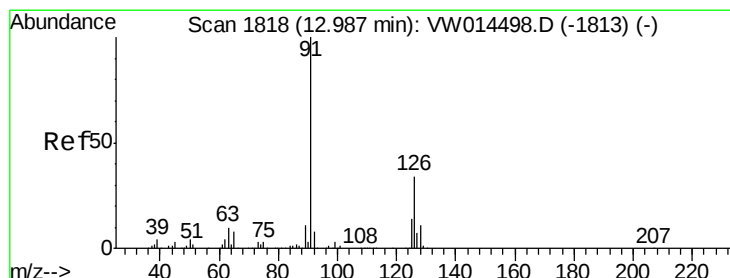
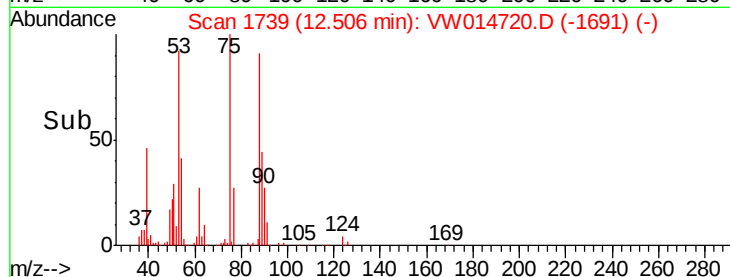
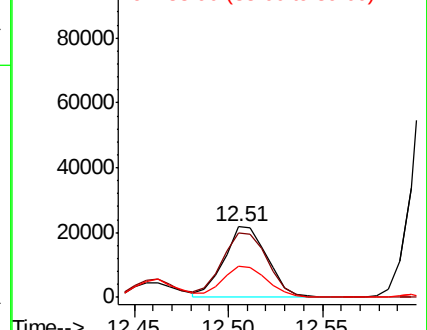


Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 22.295 ug/l

RT: 12.99 min Scan# 1818

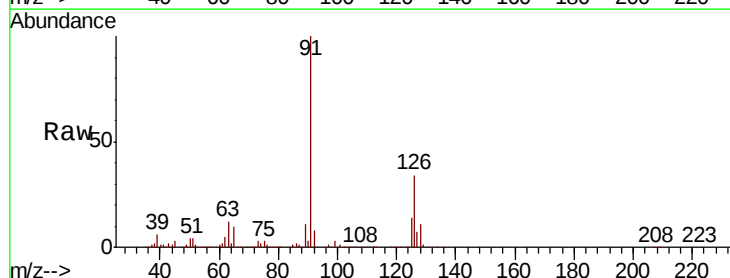
Delta R.T. -0.00 min

Lab File: VW014720.D

Acq: 23 Jan 2020 12:44

Tgt Ion: 91 Resp: 491184

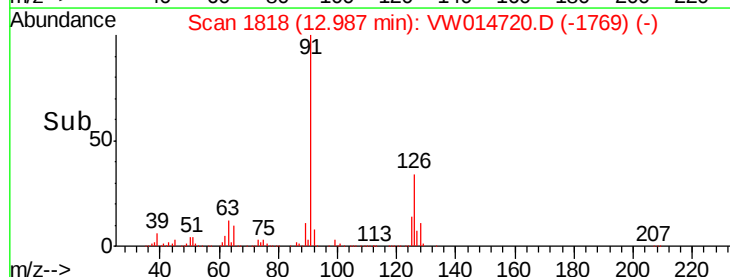
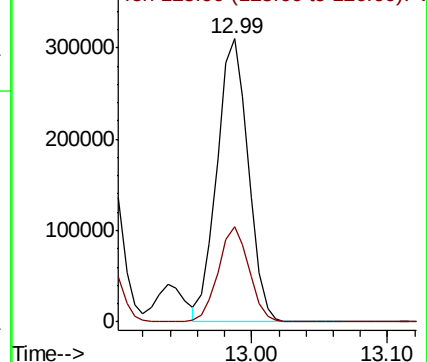
Ion	Ratio	Lower	Upper
91	100		
126	33.1	17.1	51.2

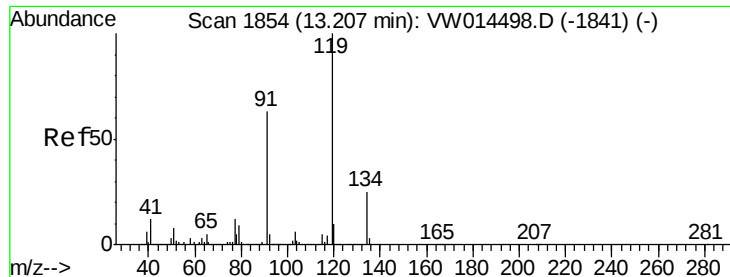


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

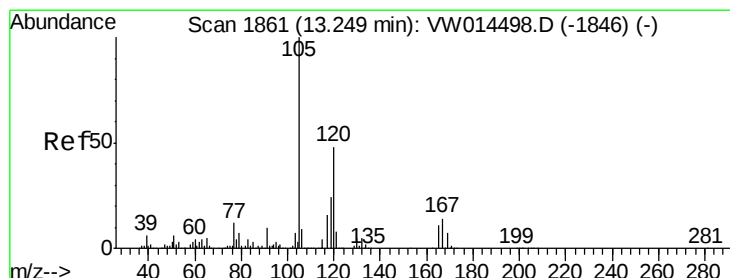
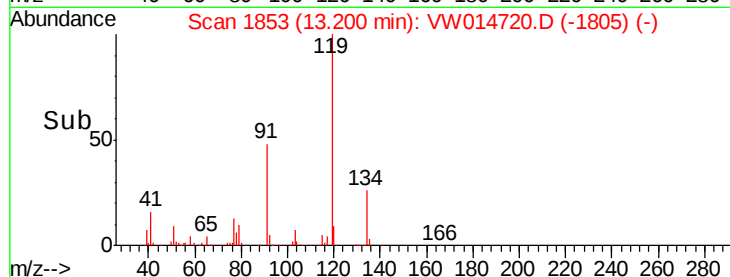
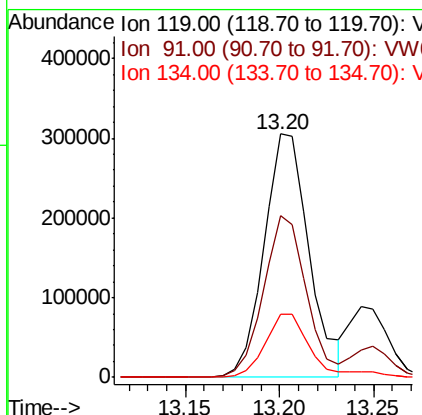
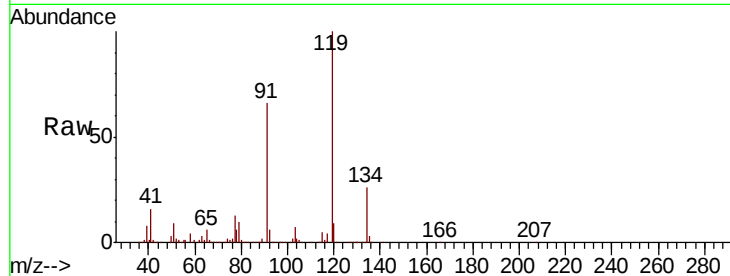




#83
tert-Butylbenzene
Concen: 21.735 ug/l
RT: 13.20 min Scan# 1853
Delta R.T. -0.01 min
Lab File: VW014720.D
Acq: 23 Jan 2020 12:44

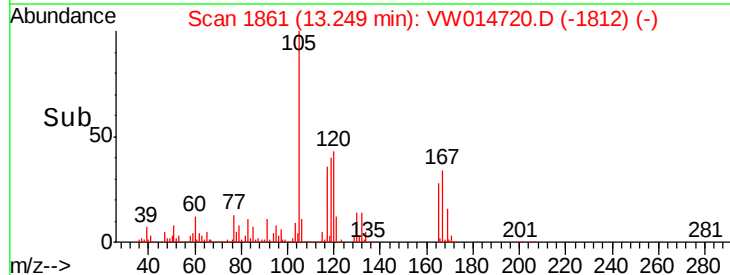
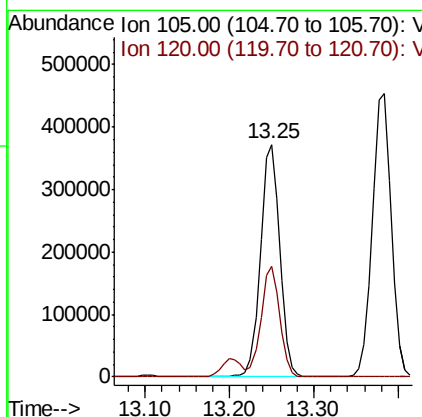
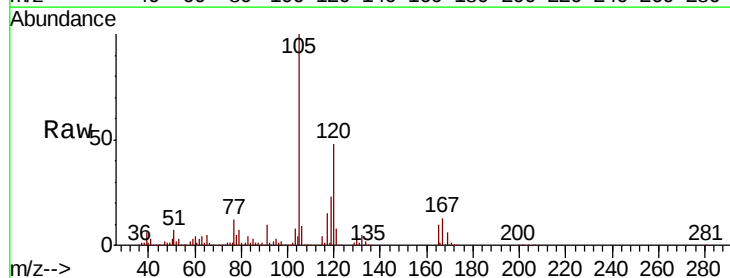
Instrument :
MSVOA_W
ClientSampleId :

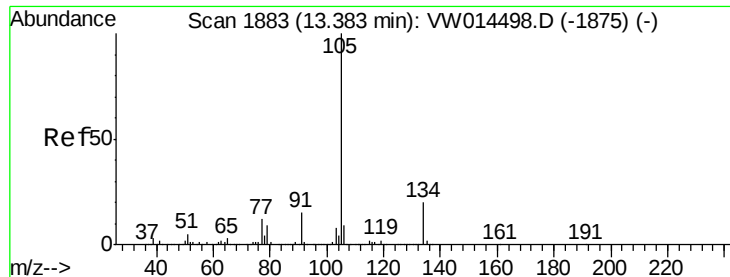
Tot Ion:119 Resp: 506342
Ion Ratio Lower Upper
119 100
91 62.9 31.1 93.3
134 26.6 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 22.154 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW014720.D
Acq: 23 Jan 2020 12:44

Tgt Ion:105 Resp: 586608
Ion Ratio Lower Upper
105 100
120 46.0 23.4 70.0

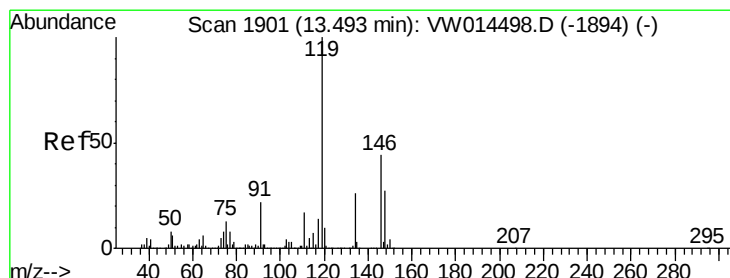
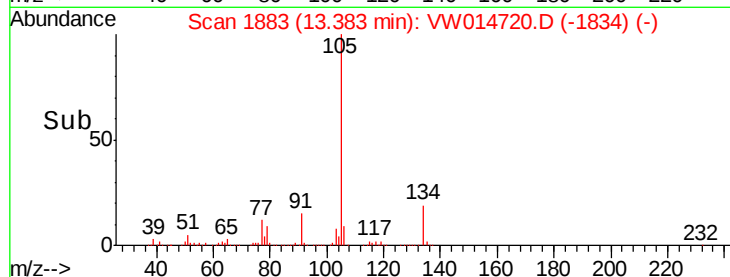
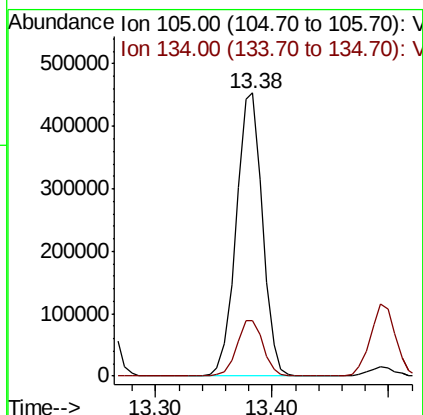
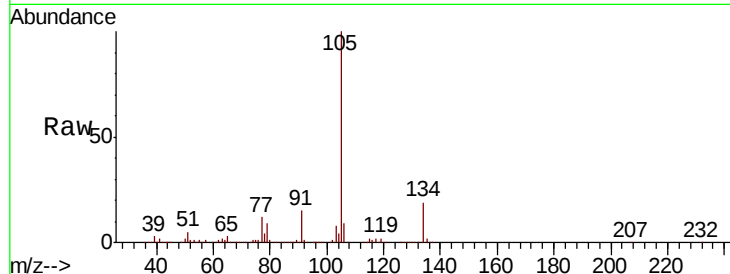




#85
 sec-Butylbenzene
 Concen: 22.062 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW014720.D
 Acq: 23 Jan 2020 12:44

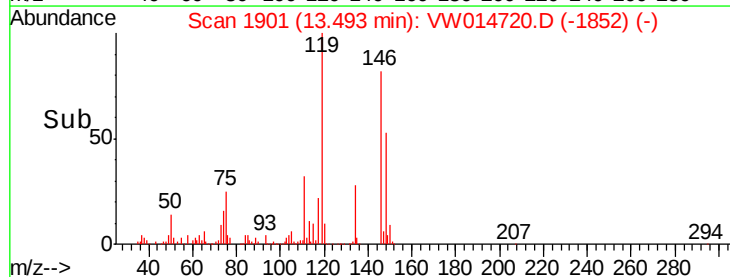
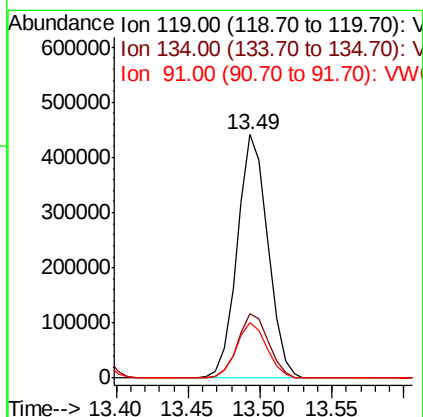
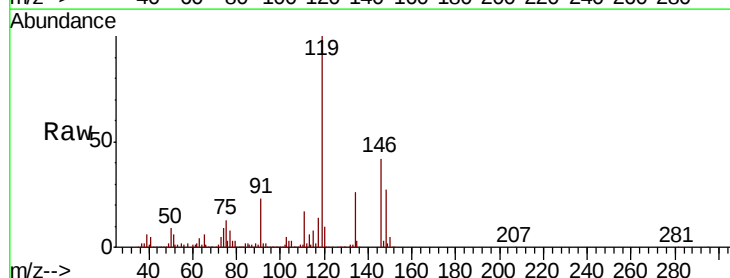
Instrument :
 MSVOA_W
 ClientSampled :

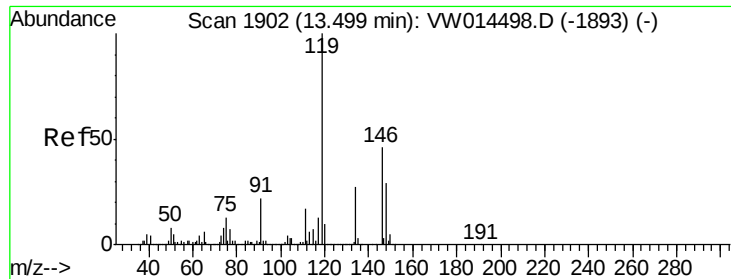
Tot Ion:105 Resp: 711408
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 22.116 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: VW014720.D
 Acq: 23 Jan 2020 12:44

Tgt Ion:119 Resp: 650033
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.2 39.5
 91 22.8 11.1 33.3

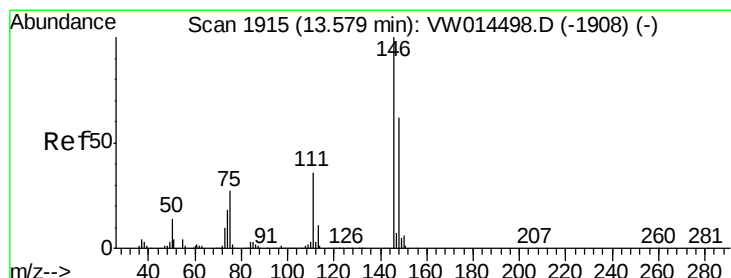
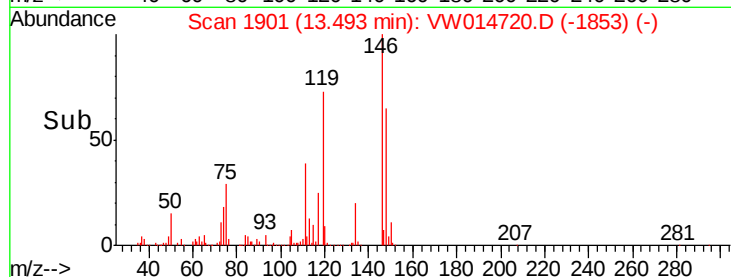
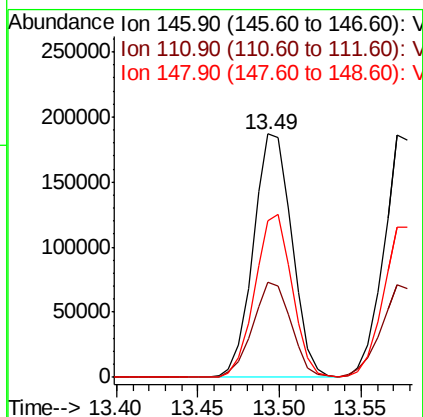
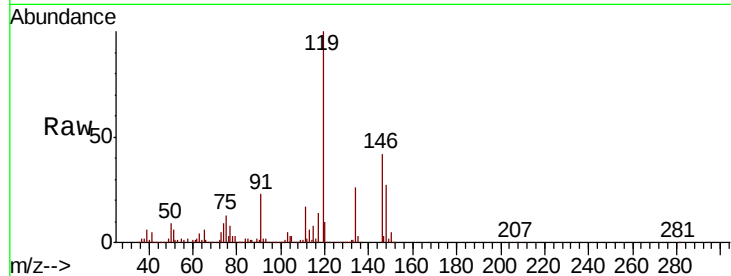




#87
 1,3-Dichlorobenzene
 Concen: 21.492 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: VW014720.D
 Acq: 23 Jan 2020 12:44

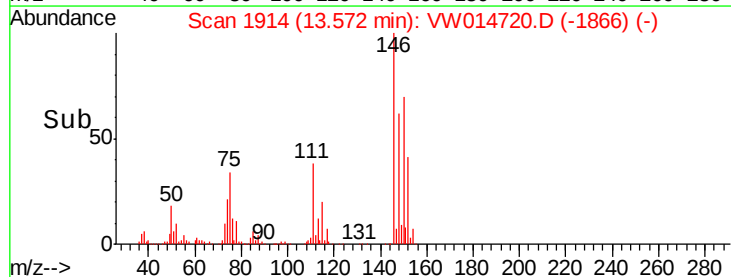
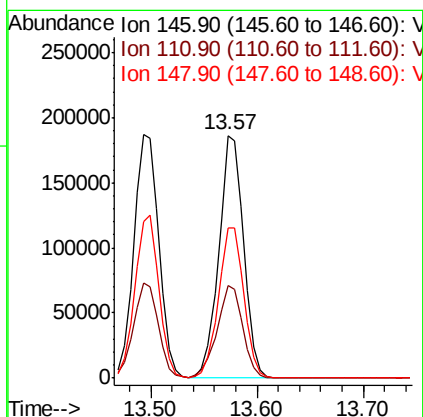
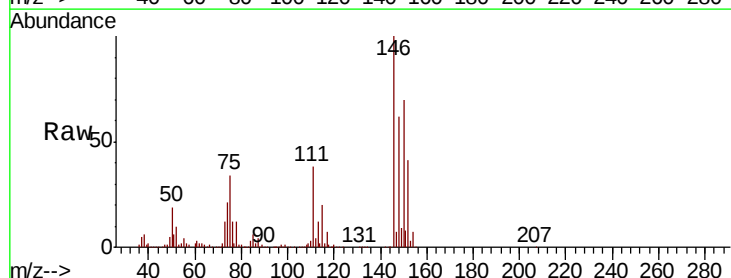
Instrument :
 MSVOA_W
 ClientSampleId :

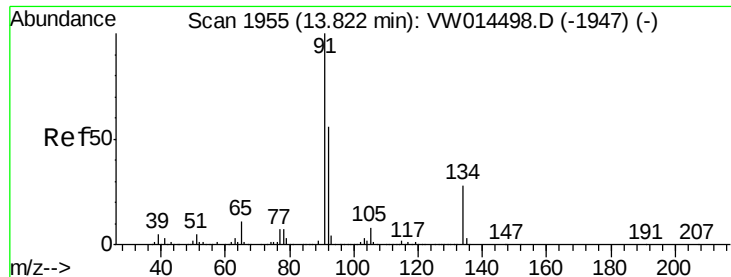
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.3	57.9
148	64.3	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 21.326 ug/l
 RT: 13.57 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: VW014720.D
 Acq: 23 Jan 2020 12:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	18.7	56.1
148	63.4	31.7	95.1





#89

n-Butylbenzene

Concen: 22.404 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW014720.D

Acq: 23 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampled :

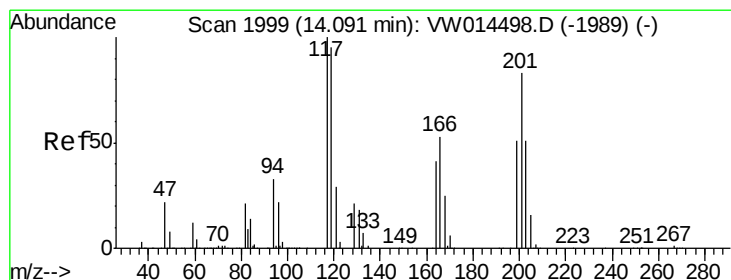
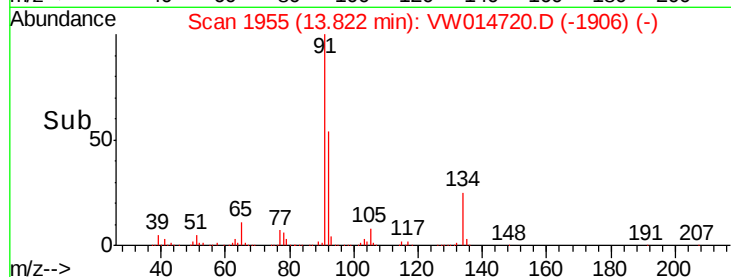
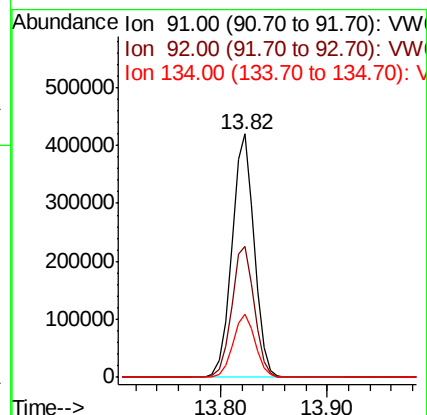
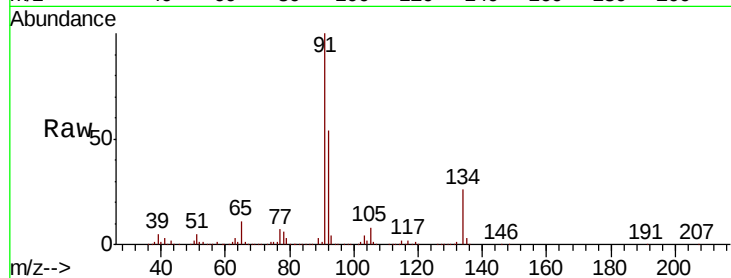
Tot Ion: 91 Resp: 611496

Ion Ratio Lower Upper

91 100

92 54.5 27.5 82.5

134 26.1 13.7 41.1



#90

Hexachloroethane

Concen: 21.737 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW014720.D

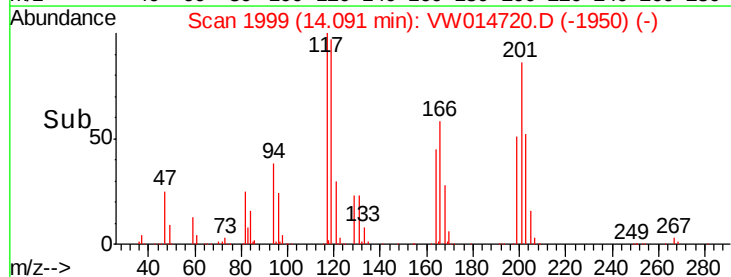
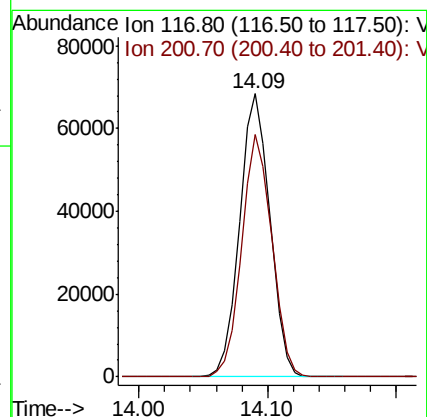
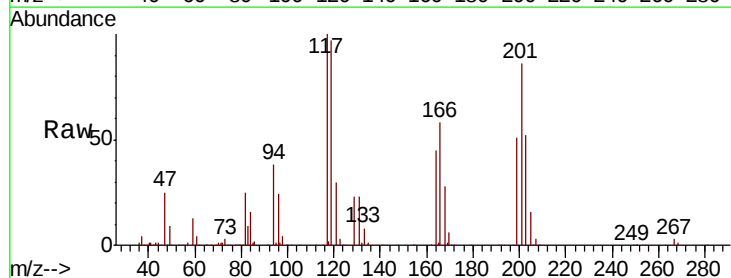
Acq: 23 Jan 2020 12:44

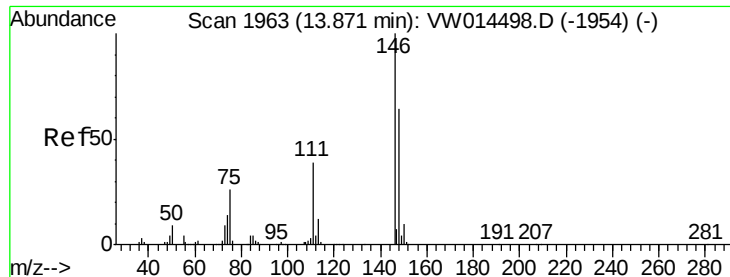
Tgt Ion: 117 Resp: 111606

Ion Ratio Lower Upper

117 100

201 84.9 43.0 128.8

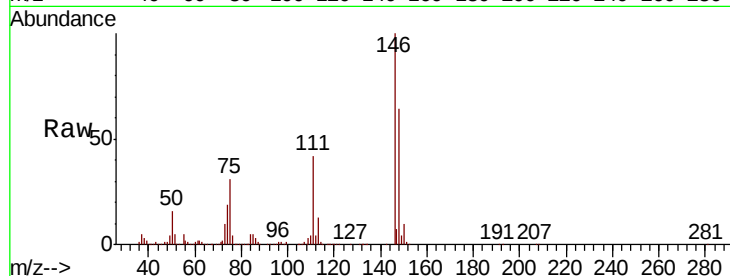




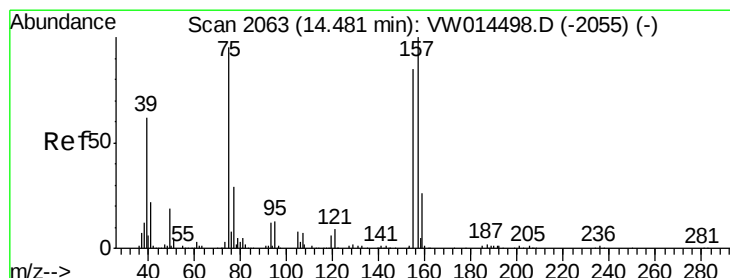
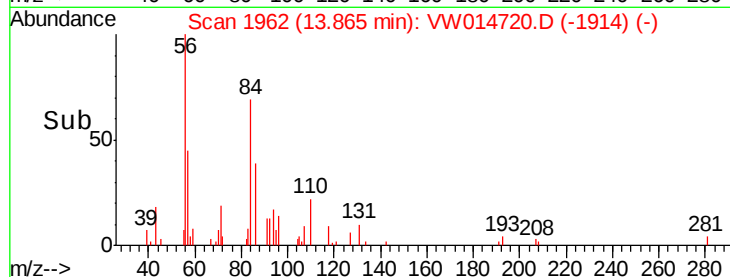
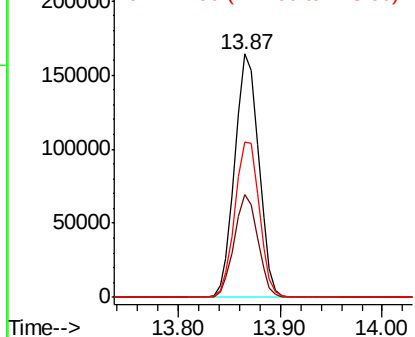
#91
 1,2-Dichlorobenzene
 Concen: 21.235 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW014720.D
 Acq: 23 Jan 2020 12:44

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.4	61.3
148	65.0	32.3	96.8

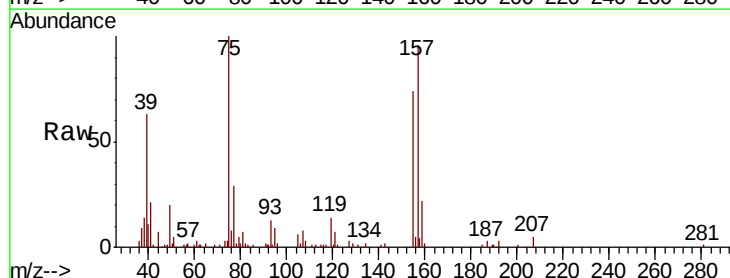


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

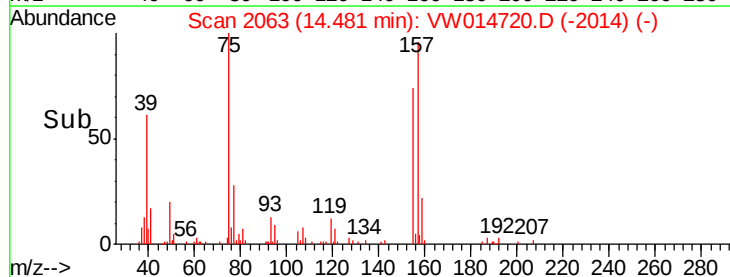
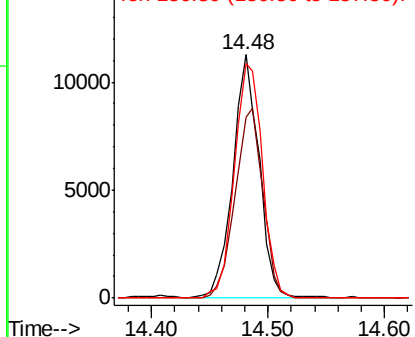


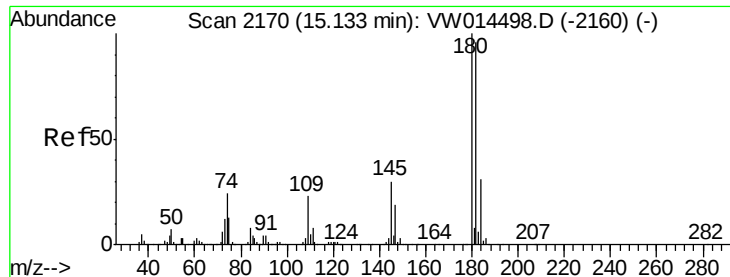
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.639 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW014720.D
 Acq: 23 Jan 2020 12:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.6	45.8	137.4
157	102.4	58.1	174.2



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

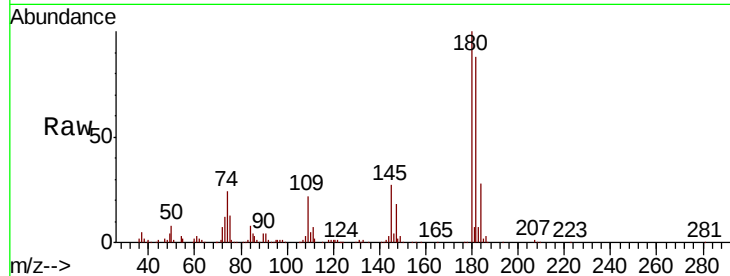




#93
 1,2,4-Trichlorobenzene
 Concen: 21.059 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW014720.D
 Acq: 23 Jan 2020 12:44

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.3	141.8
145	28.9	14.7	44.1

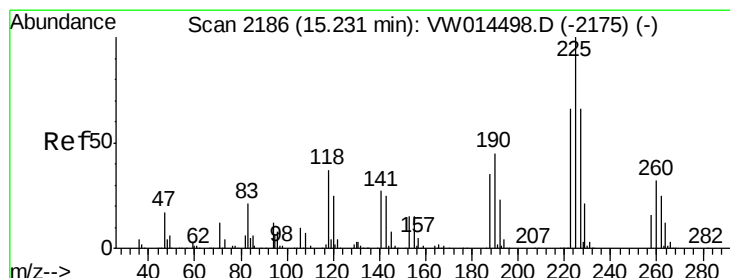
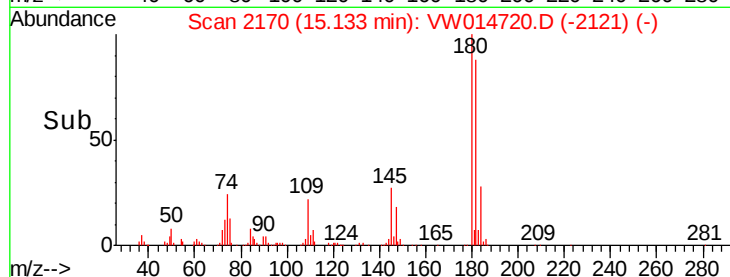
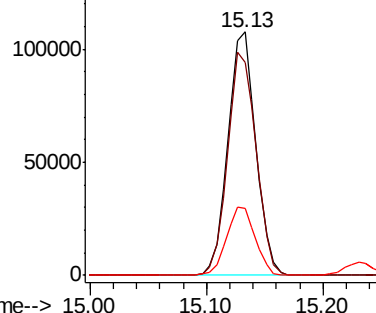


Abundance

Ion 179.80 (179.50 to 180.50): V

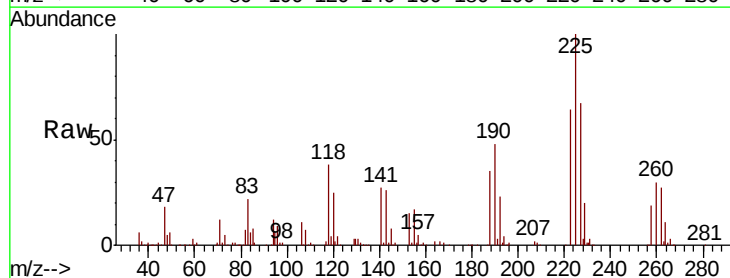
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 21.710 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: VW014720.D
 Acq: 23 Jan 2020 12:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	32.4	97.2
227	63.8	32.6	97.8

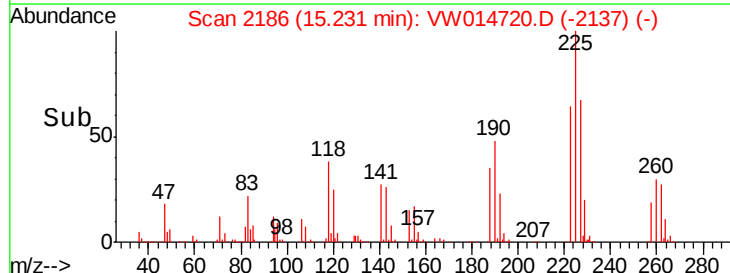
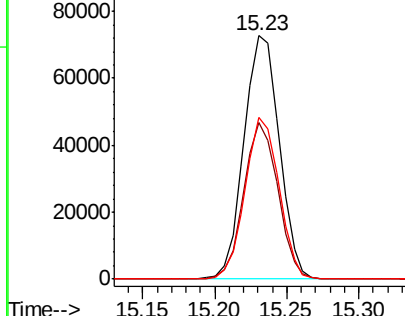


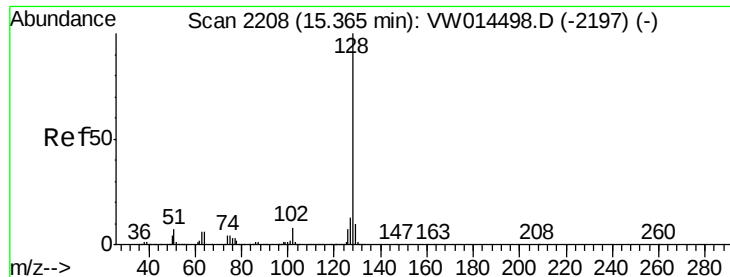
Abundance

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

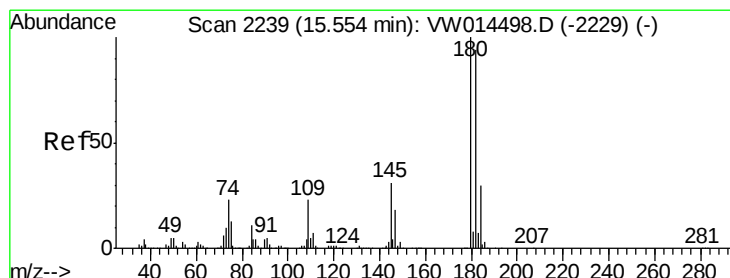
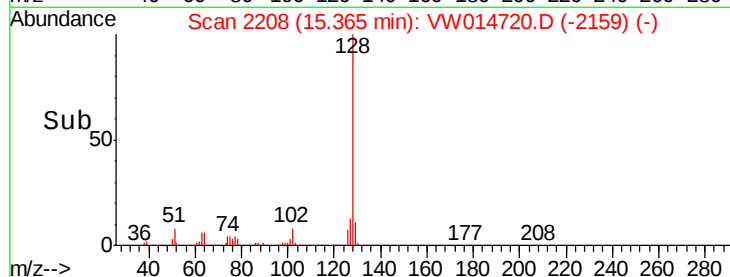
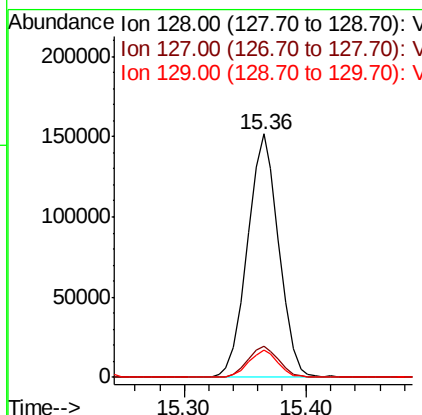
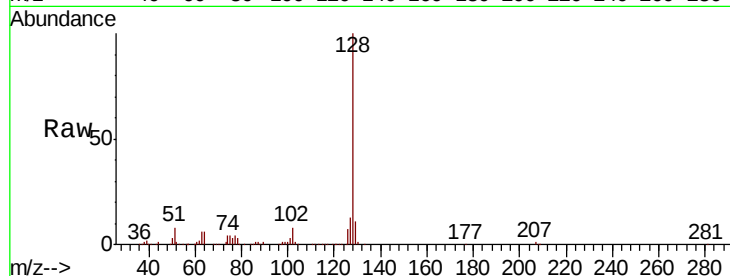




#95
Naphthalene
Concen: 18.593 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW014720.D
Acq: 23 Jan 2020 12:44

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.6	15.8
129	10.7	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.242 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW014720.D
Acq: 23 Jan 2020 12:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.4	142.2
145	30.6	15.5	46.5

