

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042320\
 Data File : VW015324.D
 Acq On : 23 Apr 2020 11:43
 Operator : SY/VA
 Sample : VW0423SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 24 06:33:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	243927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	343758	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	315992	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	176924	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	94763	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
35) Dibromofluoromethane	7.88	113	94103	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
50) Toluene-d8	10.32	98	371334	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	
62) 4-Bromofluorobenzene	12.62	95	142697	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	37619	19.529	ug/l	97
3) Chloromethane	2.22	50	40229	19.178	ug/l	99
4) Vinyl Chloride	2.36	62	47044	18.992	ug/l	99
5) Bromomethane	2.75	94	39713	22.548	ug/l	93
6) Chloroethane	2.91	64	27889	18.151	ug/l	96
7) Trichlorofluoromethane	3.26	101	70596	20.141	ug/l	98
8) Diethyl Ether	3.68	74	19192	19.507	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44137	20.419	ug/l	92
10) Methyl Iodide	4.28	142	41265	18.176	ug/l	99
11) Tert butyl alcohol	5.17	59	16780	103.197	ug/l	99
12) 1,1-Dichloroethene	4.04	96	41459	19.927	ug/l	91
13) Acrolein	3.90	56	10808	126.996	ug/l	99
14) Allyl chloride	4.67	41	52216	18.918	ug/l #	84
15) Acrylonitrile	5.37	53	35344	94.398	ug/l	98
16) Acetone	4.13	43	29913	85.858	ug/l	95
17) Carbon Disulfide	4.39	76	118908	19.232	ug/l	99
18) Methyl Acetate	4.68	43	17205	18.656	ug/l	95
19) Methyl tert-butyl Ether	5.43	73	96448	20.194	ug/l	94
20) Methylene Chloride	4.92	84	43993	19.267	ug/l	93
21) trans-1,2-Dichloroethene	5.43	96	47406	20.090	ug/l	91
22) Diisopropyl ether	6.31	45	104079	19.656	ug/l #	89
23) Vinyl Acetate	6.26	43	304521	98.004	ug/l #	94
24) 1,1-Dichloroethane	6.22	63	73272	19.967	ug/l	97
25) 2-Butanone	7.18	43	44460	96.185	ug/l	91
26) 2,2-Dichloropropane	7.17	77	77140	19.981	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	51027	20.031	ug/l	100
28) Bromochloromethane	7.51	49	26426	19.806	ug/l #	73
29) Tetrahydrofuran	7.53	42	27468	95.382	ug/l #	88
30) Chloroform	7.68	83	80620	20.355	ug/l	99
31) Cyclohexane	7.96	56	72067	19.537	ug/l #	89
32) 1,1,1-Trichloroethane	7.87	97	78401	20.510	ug/l	99
36) 1,1-Dichloropropene	8.09	75	64626	20.829	ug/l	97
37) Ethyl Acetate	7.26	43	20368	20.228	ug/l #	97
38) Carbon Tetrachloride	8.07	117	71265	21.019	ug/l	94

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 Sample : VW0423BSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 24 06:33:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	82335	19.938	ug/l	95
40) Benzene	8.32	78	170754	20.603	ug/l	97
41) Methacrylonitrile	7.48	41	11157	18.467	ug/l #	84
42) 1,2-Dichloroethane	8.40	62	50153	20.556	ug/l	100
43) Isopropyl Acetate	8.42	43	40910	19.371	ug/l	94
44) Trichloroethene	9.09	130	54530	21.510	ug/l	94
45) 1,2-Dichloropropane	9.37	63	38686	20.072	ug/l	98
46) Dibromomethane	9.46	93	22669	20.333	ug/l #	87
47) Bromodichloromethane	9.65	83	61218	20.540	ug/l	99
48) Methyl methacrylate	9.44	41	19530	19.562	ug/l	90
49) 1,4-Dioxane	9.45	88	5466	367.760	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	95711	96.544	ug/l	96
52) Toluene	10.39	92	117050	20.180	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	59506	20.248	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	70516	20.644	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	32020	20.510	ug/l	97
56) Ethyl methacrylate	10.65	69	39120	19.451	ug/l	94
57) 1,3-Dichloropropane	10.93	76	54018	20.888	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	92077	98.752	ug/l #	89
59) 2-Hexanone	10.97	43	67618	95.549	ug/l	98
60) Dibromochloromethane	11.13	129	43164	20.940	ug/l	100
61) 1,2-Dibromoethane	11.24	107	31594	20.740	ug/l	98
64) Tetrachloroethene	10.86	164	48853	21.662	ug/l	94
65) Chlorobenzene	11.66	112	129344	20.860	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	48119	21.591	ug/l	98
67) Ethyl Benzene	11.73	91	238318	20.610	ug/l	99
68) m/p-Xylenes	11.83	106	187316	41.327	ug/l	100
69) o-Xylene	12.16	106	87625	20.712	ug/l	100
70) Styrene	12.18	104	149652	20.752	ug/l	100
71) Bromoform	12.35	173	25539	20.338	ug/l #	100
73) Isopropylbenzene	12.46	105	247928	20.211	ug/l	99
74) N-amyl acetate	12.27	43	40274	18.872	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.71	83	33571	19.275	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	45752	33.427	ug/l #	100
77) Bromobenzene	12.74	156	58242	20.666	ug/l	83
78) n-propylbenzene	12.80	91	281893	19.737	ug/l	96
79) 2-Chlorotoluene	12.89	91	160950	19.996	ug/l	95
80) 1,3,5-Trimethylbenzene	12.94	105	214844	20.332	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	11898	19.003	ug/l	95
82) 4-Chlorotoluene	12.99	91	173088	20.253	ug/l	97
83) tert-Butylbenzene	13.21	119	185105	20.042	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	213872	20.520	ug/l	99
85) sec-Butylbenzene	13.38	105	255411	20.024	ug/l	97
86) p-Isopropyltoluene	13.50	119	242076	20.425	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	117404	20.966	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	113149	20.613	ug/l	98
89) n-Butylbenzene	13.82	91	217210	20.051	ug/l	97
90) Hexachloroethane	14.09	117	43066	19.814	ug/l	71
91) 1,2-Dichlorobenzene	13.87	146	102736	21.113	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.48	75	6162	19.550	ug/l	89

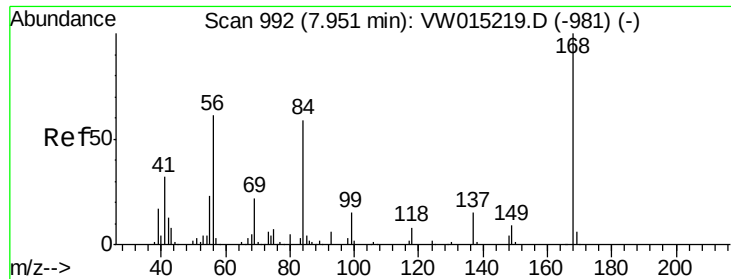
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042320\
Data File : VW015324.D
Acq On : 23 Apr 2020 11:43
Operator : SY/VA
Sample : VW0423SBSD01
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Instrument :
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Quant Time: Apr 24 06:33:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 21 06:39:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	72740	21.506	ug/l	99
94) Hexachlorobutadiene	15.23	225	48827	21.653	ug/l	98
95) Naphthalene	15.36	128	108573	19.955	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	59851	21.749	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Instrument :

MSVOA_W

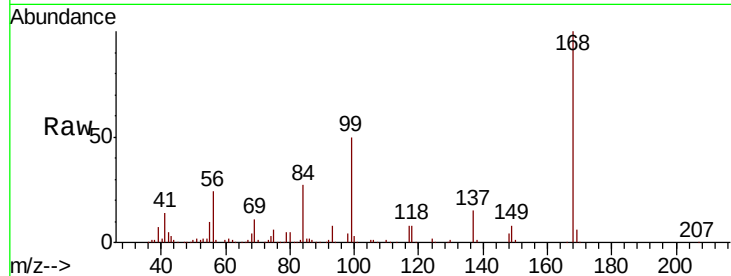
ClientSampleId :

Tot Ion:168 Resp: 243927

Ion Ratio Lower Upper

168 100

99 50.4 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

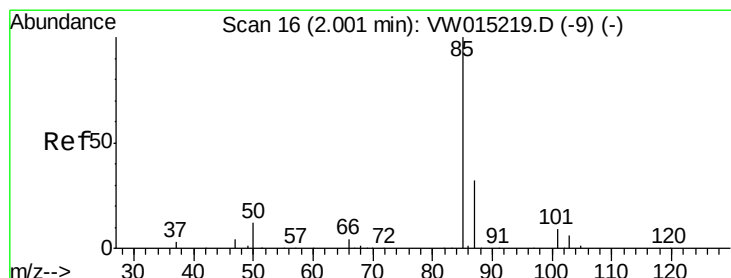
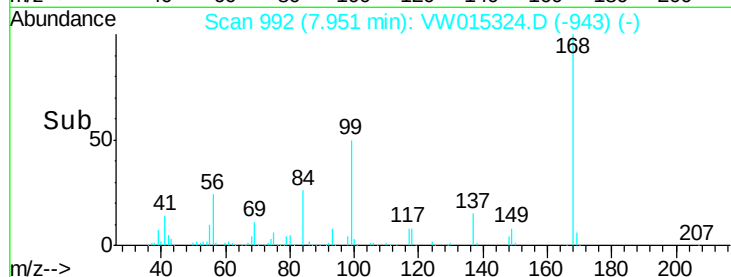
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 19.529 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW015324.D

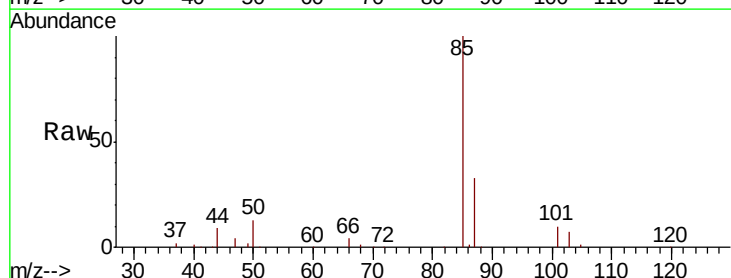
Acq: 23 Apr 2020 11:43

Tgt Ion: 85 Resp: 37619

Ion Ratio Lower Upper

85 100

87 32.9 17.2 51.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

30000

25000

20000

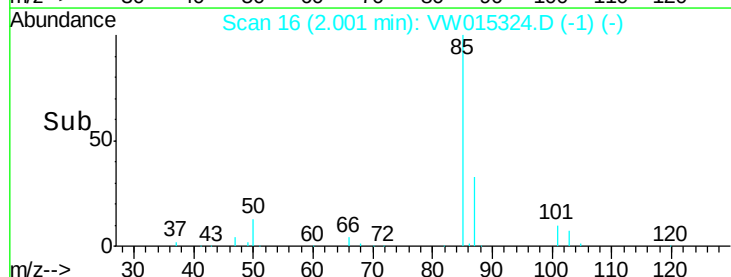
15000

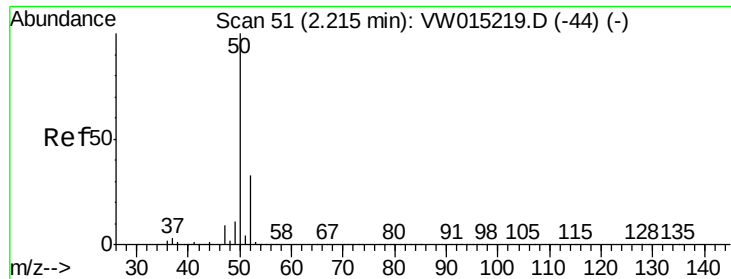
10000

5000

0

Time--> 1.95 2.00 2.05





#3

Chloromethane

Concen: 19.178 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Instrument :

MSVOA_W

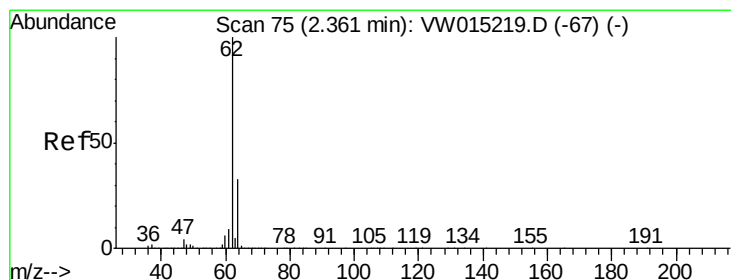
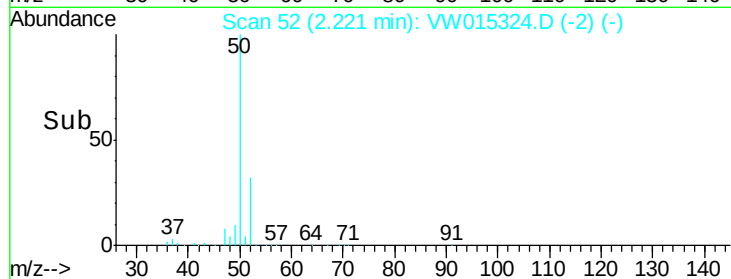
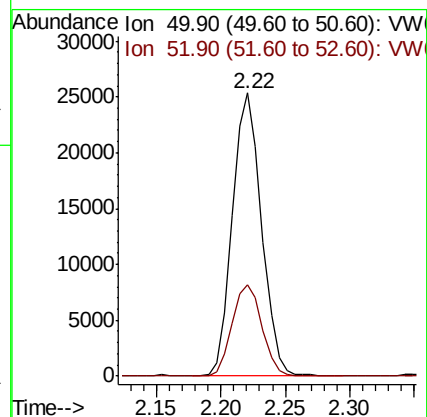
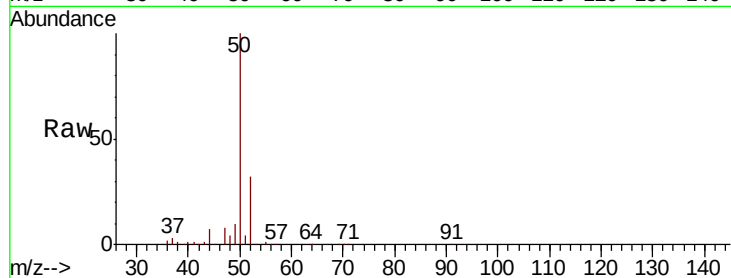
ClientSampled :

Tot Ion: 50 Resp: 40229

Ion Ratio Lower Upper

50 100

52 32.3 26.5 39.7



#4

Vinyl Chloride

Concen: 18.992 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW015324.D

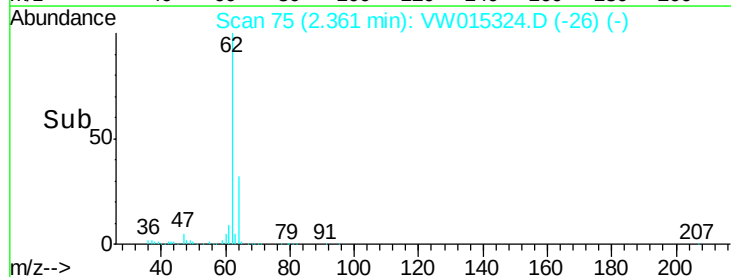
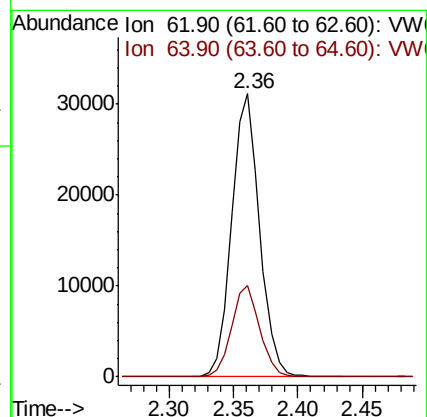
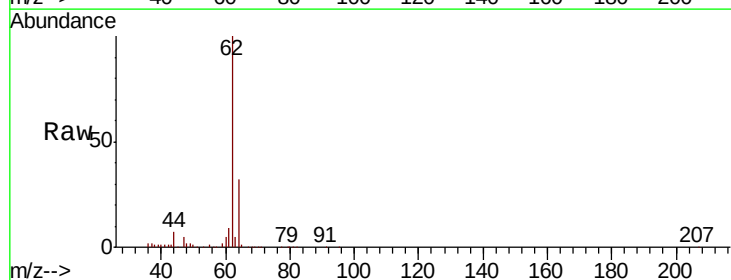
Acq: 23 Apr 2020 11:43

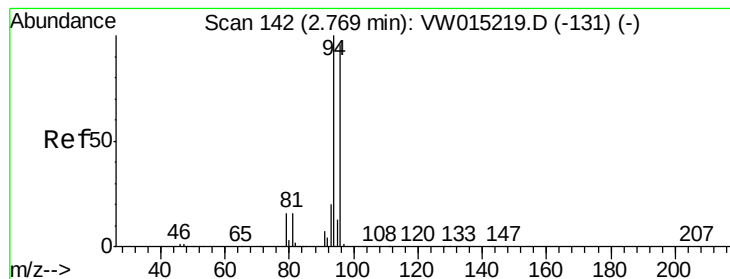
Tgt Ion: 62 Resp: 47044

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.2





#5

Bromomethane

Concen: 22.548 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.02 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Instrument :

MSVOA_W

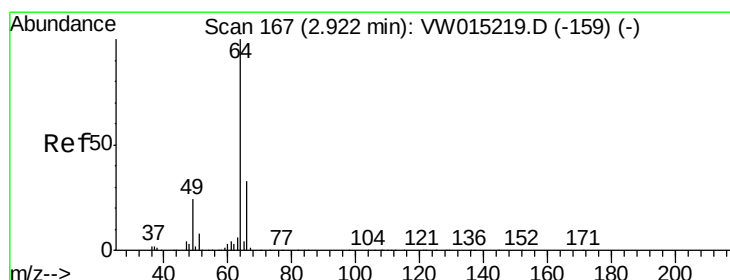
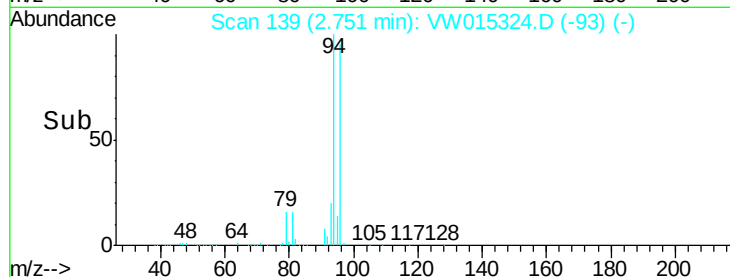
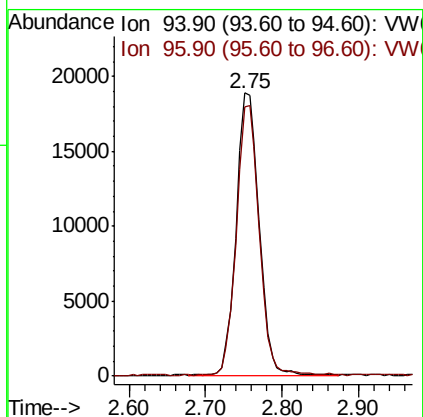
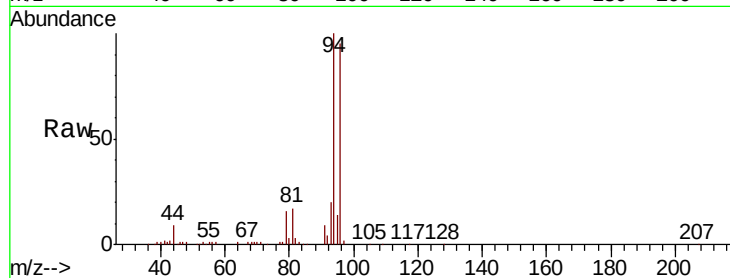
ClientSampleId :

Tot Ion: 94 Resp: 39713

Ion Ratio Lower Upper

94 100

96 94.6 70.4 105.6



#6

Chloroethane

Concen: 18.151 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW015324.D

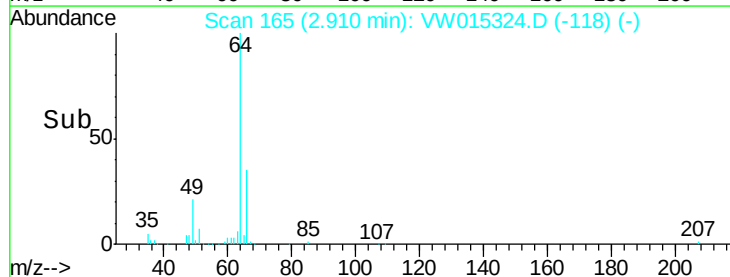
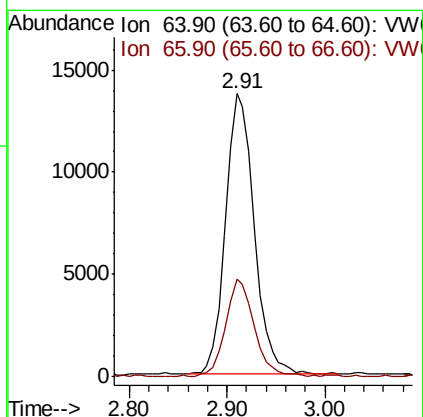
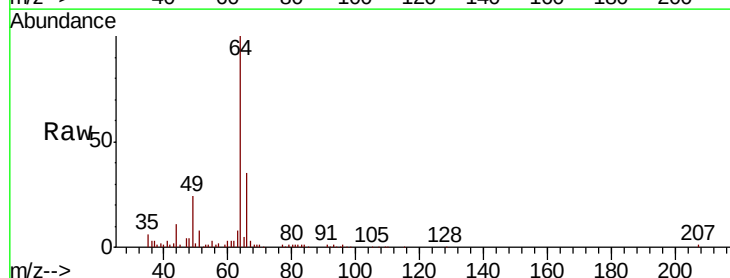
Acq: 23 Apr 2020 11:43

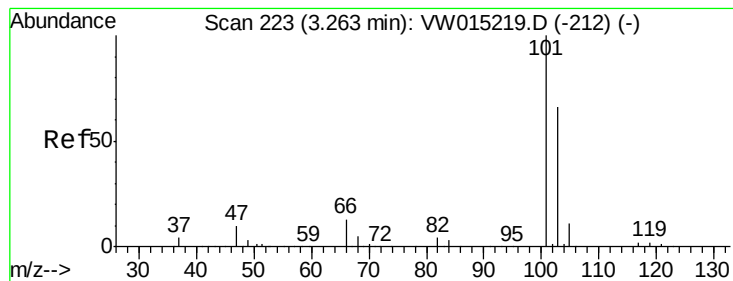
Tgt Ion: 64 Resp: 27889

Ion Ratio Lower Upper

64 100

66 34.5 25.8 38.6



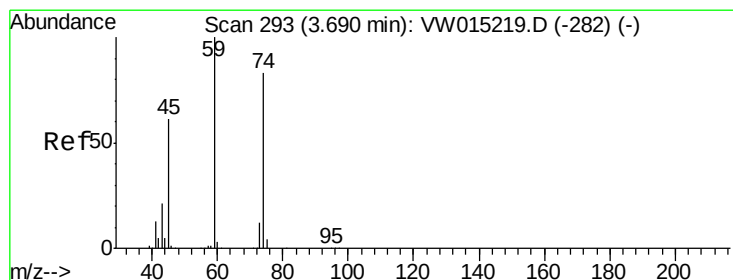
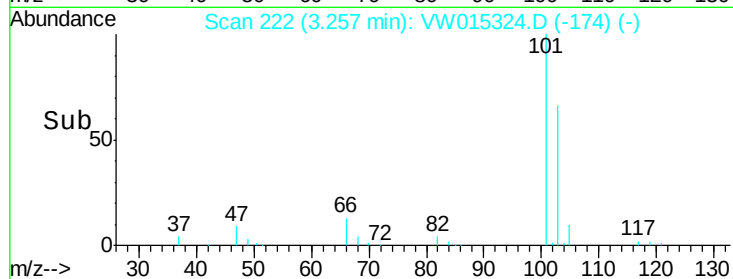
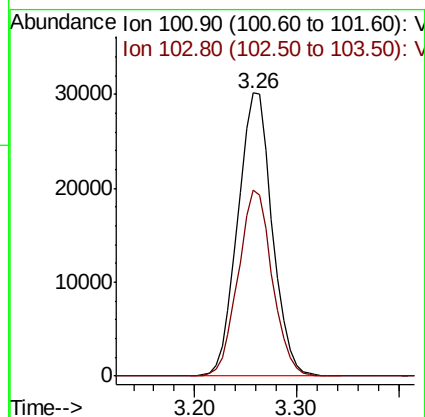
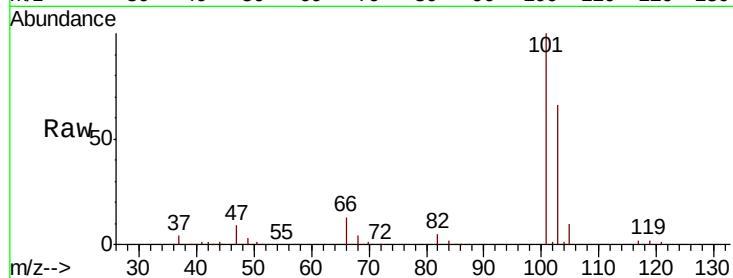


#7

Trichlorofluoromethane
Concen: 20.141 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Instrument :
MSVOA_W
ClientSampleId :

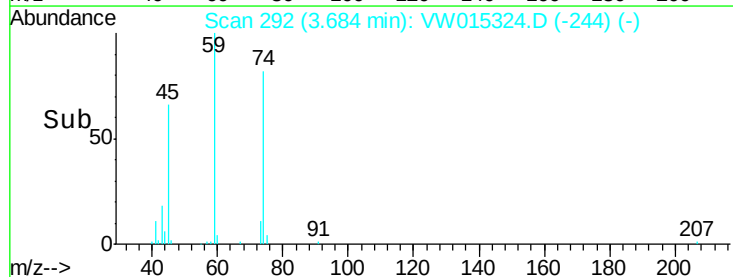
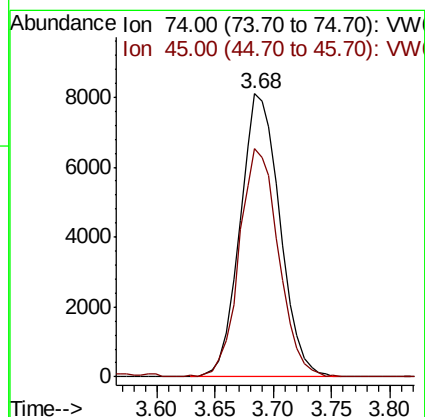
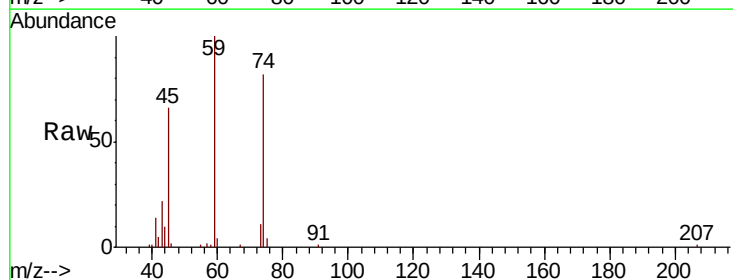
Tot Ion:101 Resp: 70596
Ion Ratio Lower Upper
101 100
103 66.0 51.3 76.9

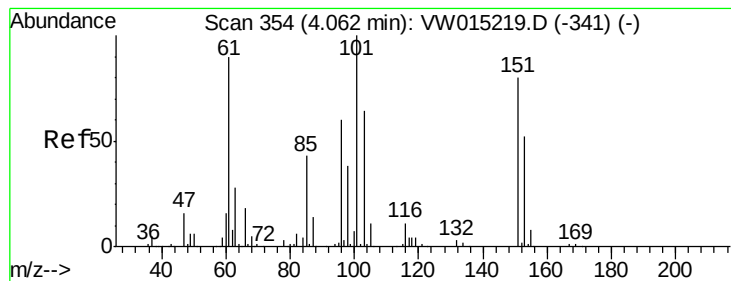


#8

Diethyl Ether
Concen: 19.507 ug/l
RT: 3.68 min Scan# 292
Delta R.T. -0.01 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Tgt Ion: 74 Resp: 19192
Ion Ratio Lower Upper
74 100
45 80.0 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.419 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Instrument :

MSVOA_W

ClientSampled :

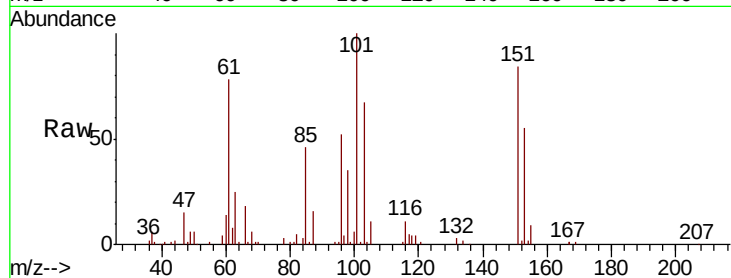
Tot Ion:101 Resp: 44137

Ion Ratio Lower Upper

101 100

85 43.6 35.3 52.9

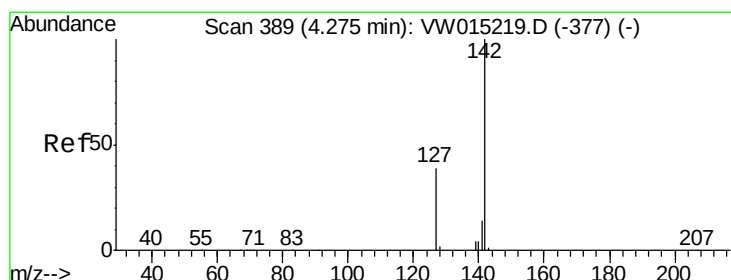
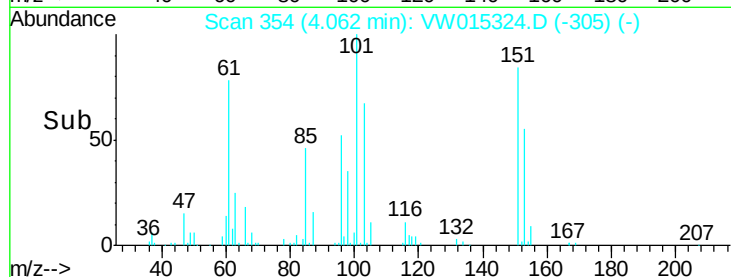
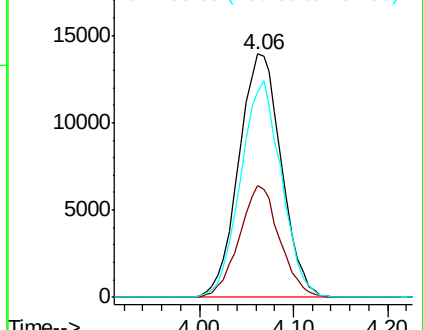
151 85.1 59.3 88.9



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: 18.176 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

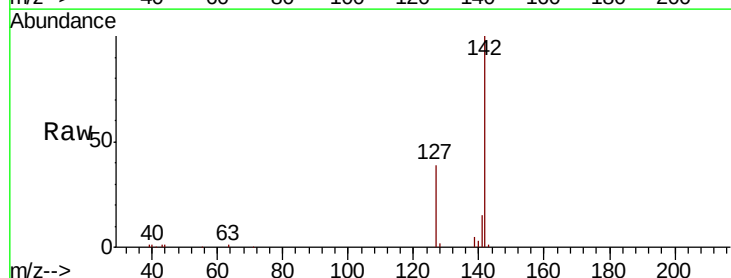
Tgt Ion:142 Resp: 41265

Ion Ratio Lower Upper

142 100

127 41.3 33.9 50.9

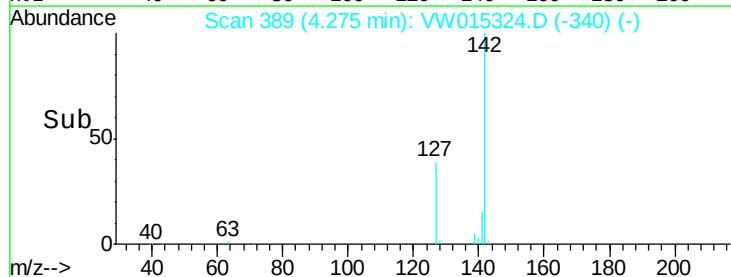
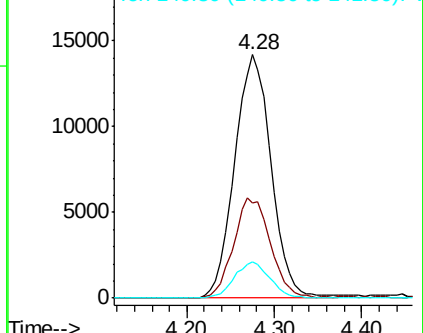
141 14.3 11.4 17.2

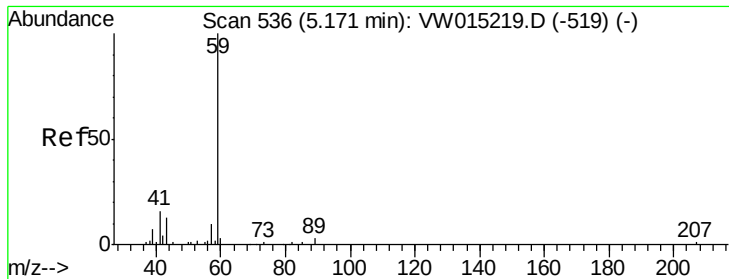


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



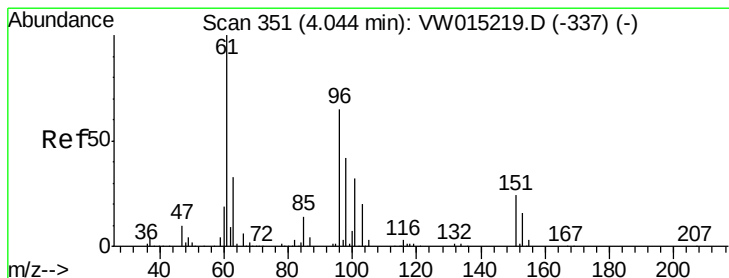
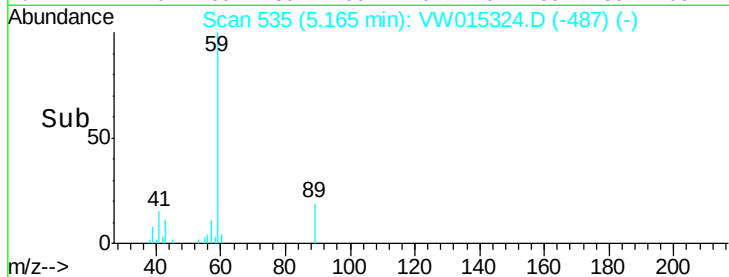
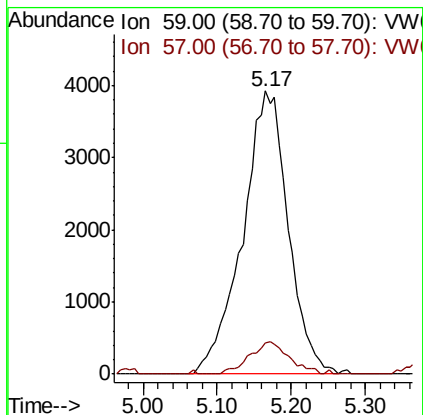
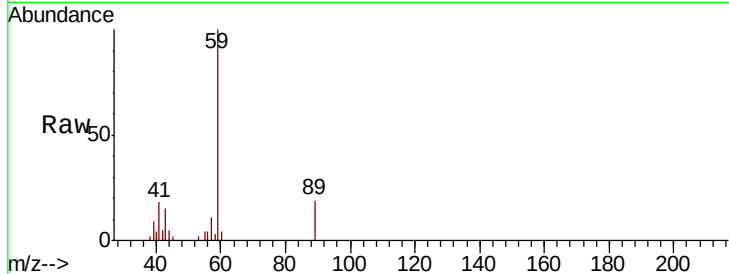


#11

Tert butyl alcohol
Concen: 103.197 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Instrument :
MSVOA_W
ClientSampleId :

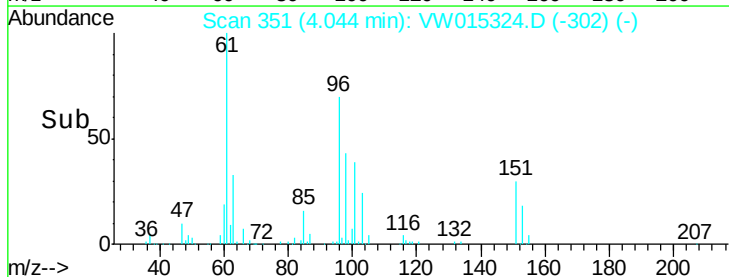
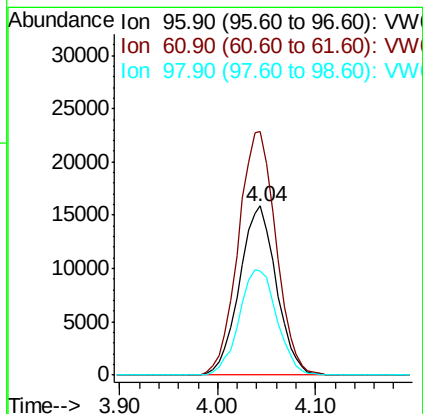
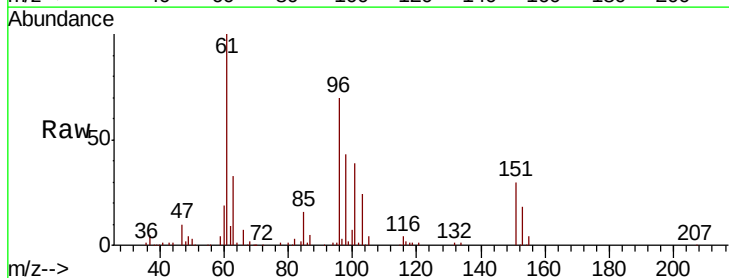
Tot Ion: 59 Resp: 16780
Ion Ratio Lower Upper
59 100
57 10.1 8.4 12.6

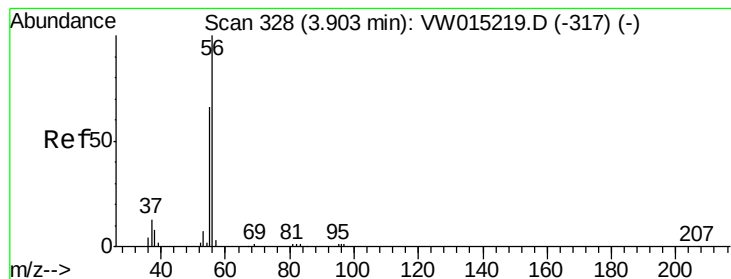


#12

1,1-Dichloroethene
Concen: 19.927 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Tgt Ion: 96 Resp: 41459
Ion Ratio Lower Upper
96 100
61 143.8 127.0 190.4
98 61.6 51.0 76.4





#13

Acrolein

Concen: 126.996 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Instrument :

MSVOA_W

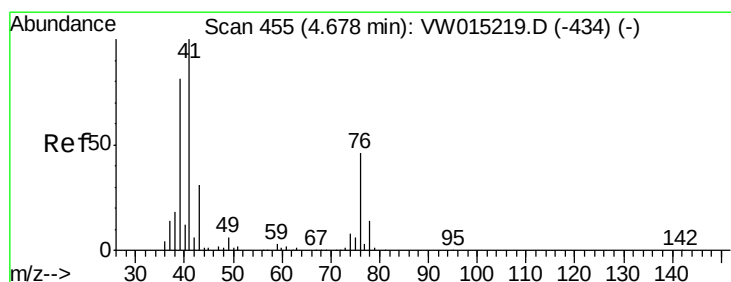
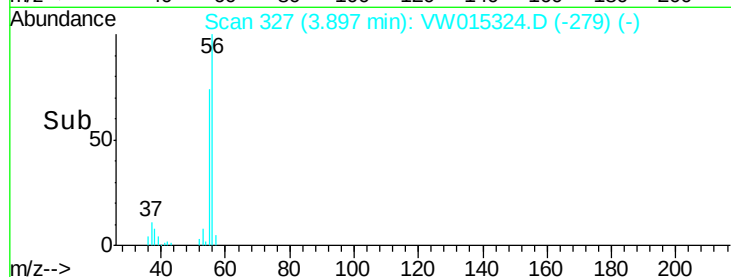
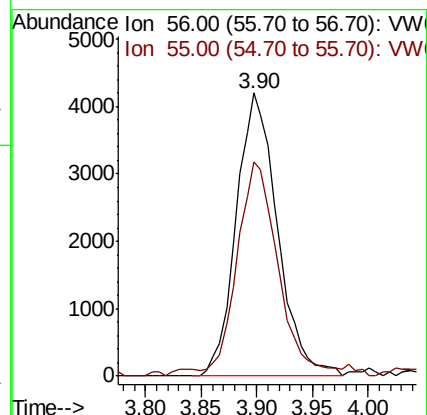
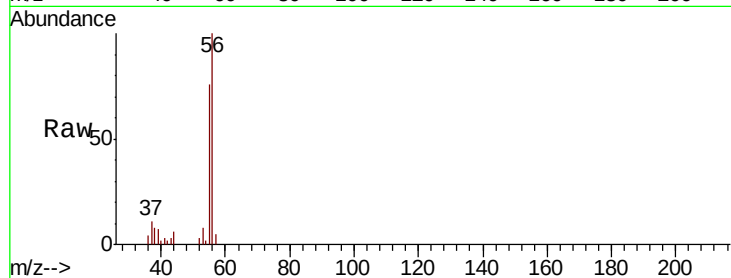
ClientSampleId :

Tot Ion: 56 Resp: 10808

Ion Ratio Lower Upper

56 100

55 69.7 56.2 84.2



#14

Allyl chloride

Concen: 18.918 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

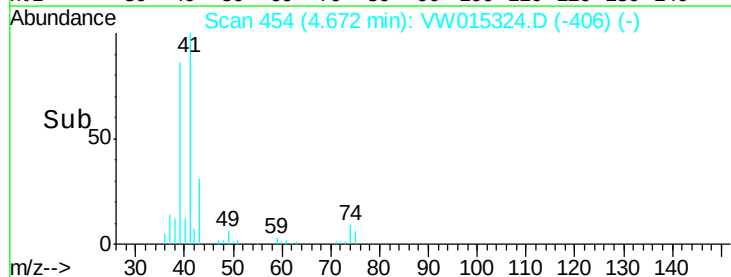
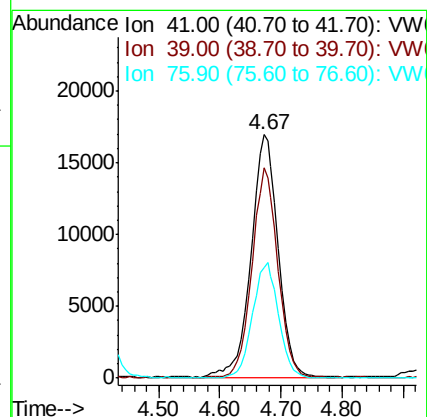
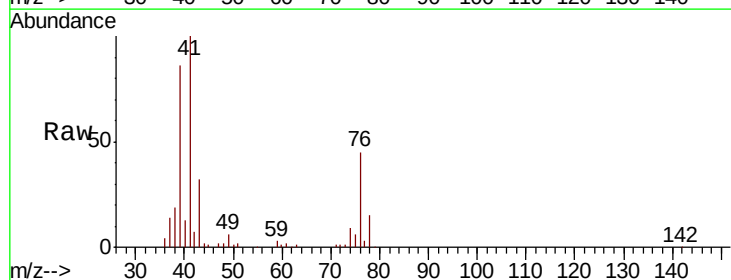
Tgt Ion: 41 Resp: 52216

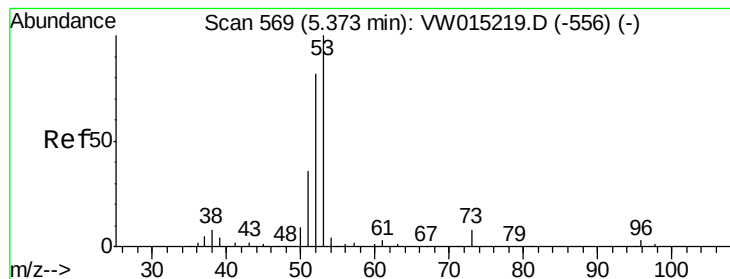
Ion Ratio Lower Upper

41 100

39 83.1 54.0 81.0#

76 45.6 31.8 47.6





#15

Acrylonitrile

Concen: 94.398 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Instrument :

MSVOA_W

ClientSampleId :

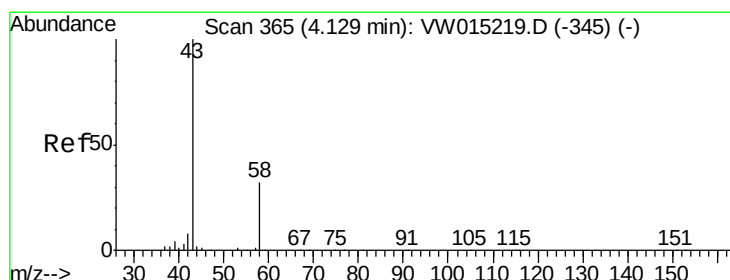
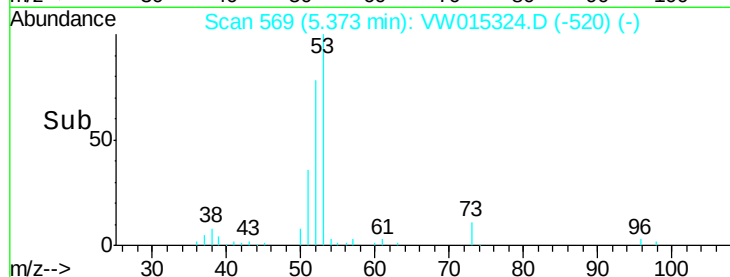
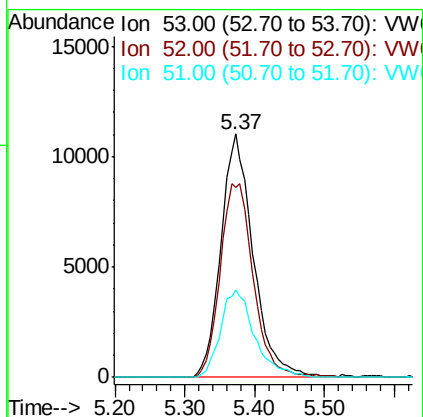
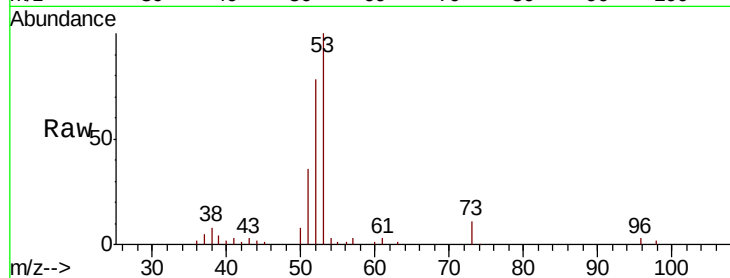
Tot Ion: 53 Resp: 35344

Ion Ratio Lower Upper

53 100

52 81.0 65.2 97.8

51 38.1 28.2 42.4



#16

Acetone

Concen: 85.858 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW015324.D

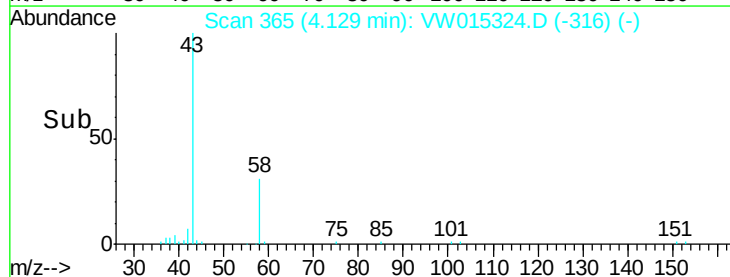
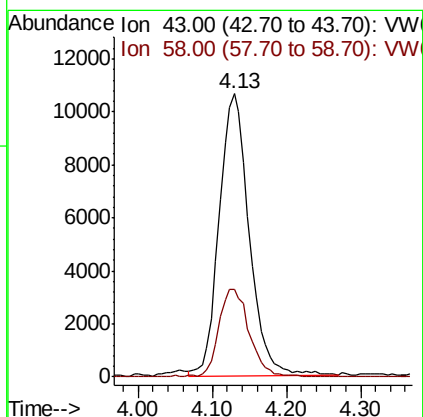
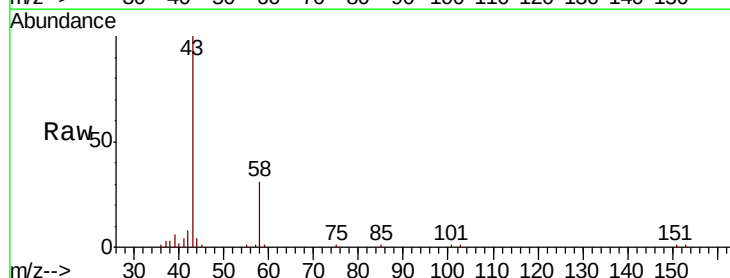
Acq: 23 Apr 2020 11:43

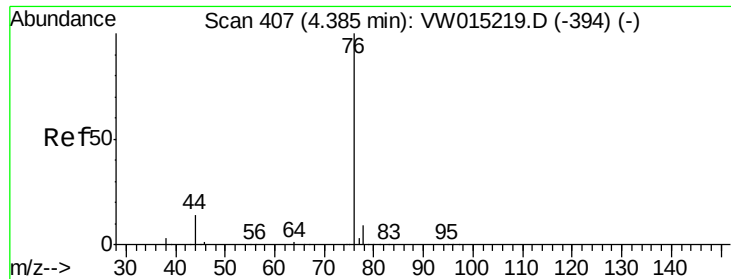
Tgt Ion: 43 Resp: 29913

Ion Ratio Lower Upper

43 100

58 31.1 27.0 40.4

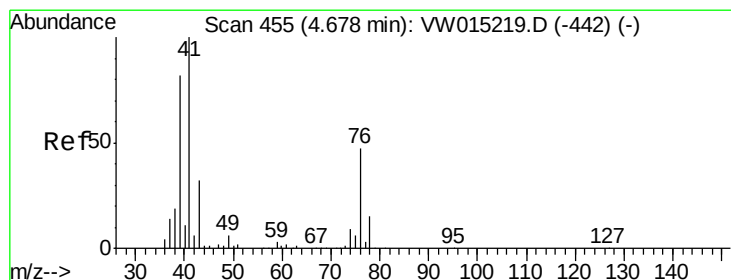
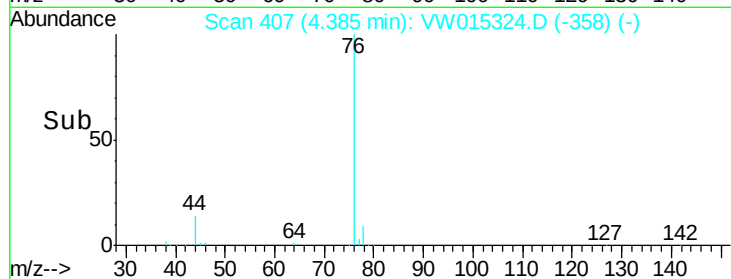
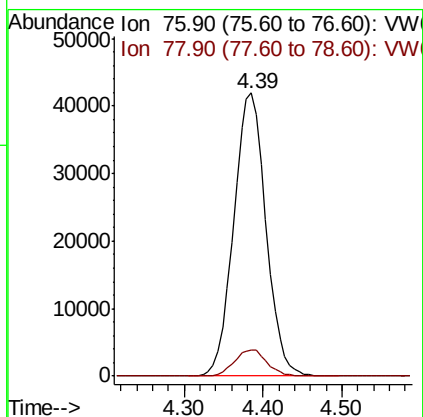
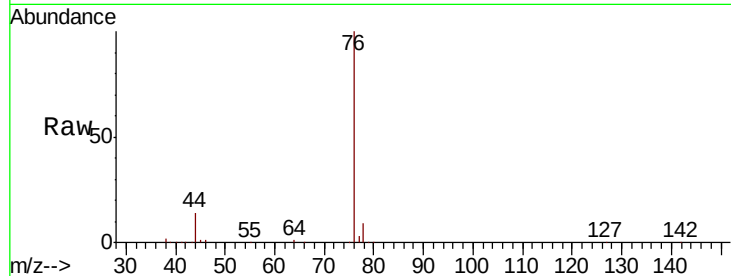




#17
Carbon Disulfide
Concen: 19.232 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

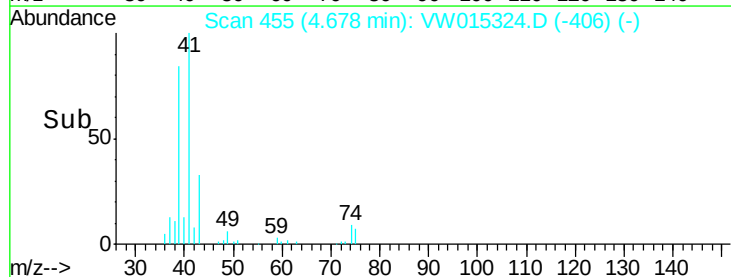
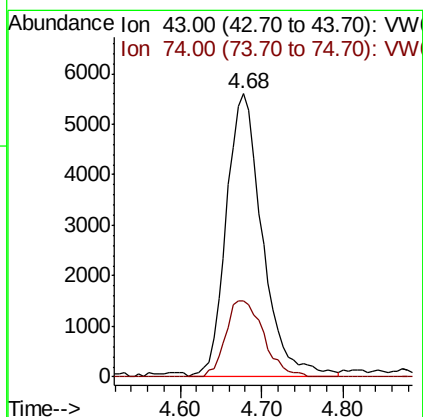
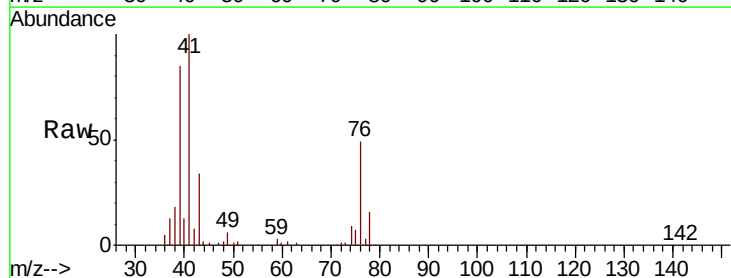
Instrument :
MSVOA_W
ClientSampleId :

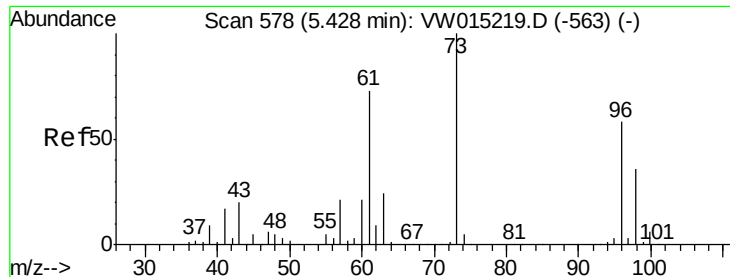
Tot Ion: 76 Resp: 118908
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6



#18
Methyl Acetate
Concen: 18.656 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Tgt Ion: 43 Resp: 17205
Ion Ratio Lower Upper
43 100
74 28.1 20.6 31.0

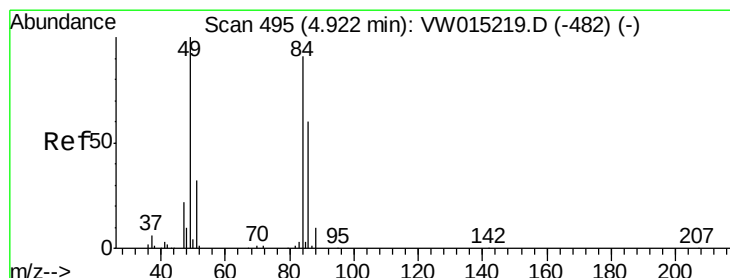
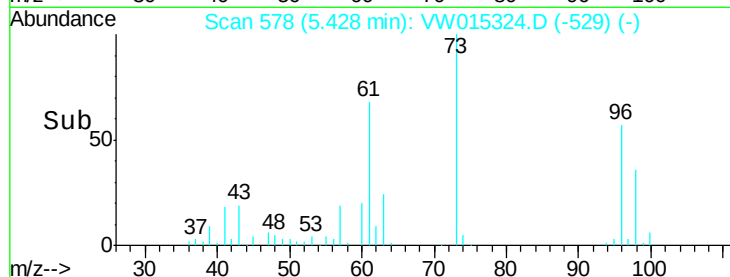
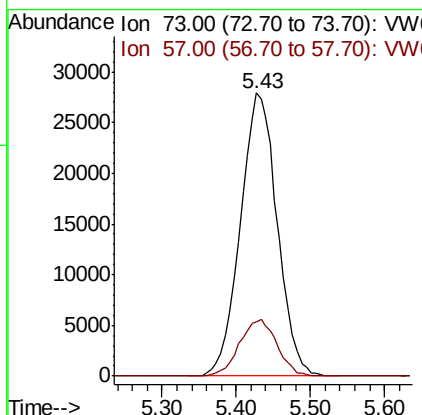
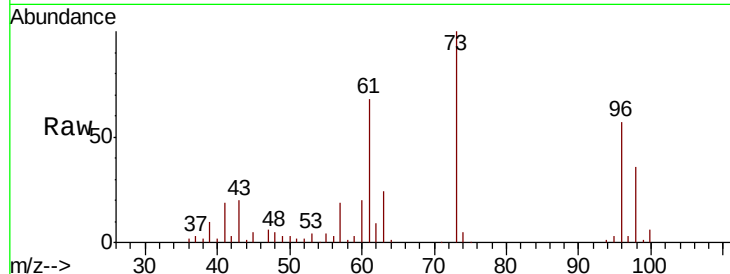




#19
Methyl tert-butyl Ether
Concen: 20.194 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

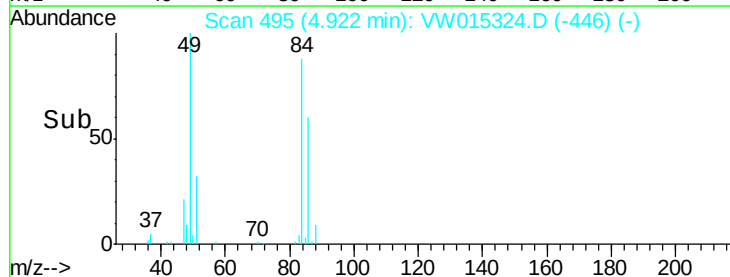
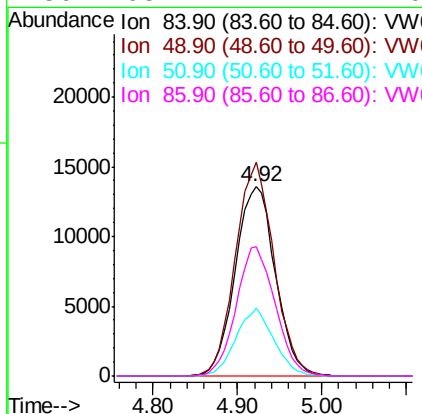
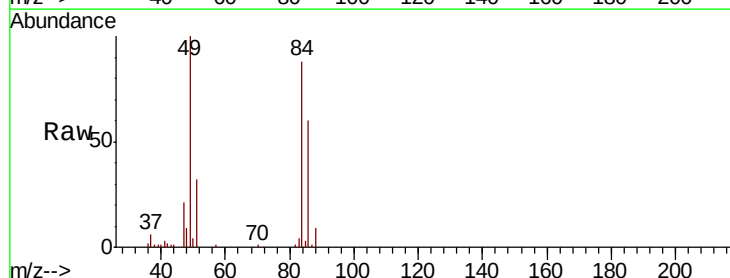
Instrument :
MSVOA_W
ClientSampled :

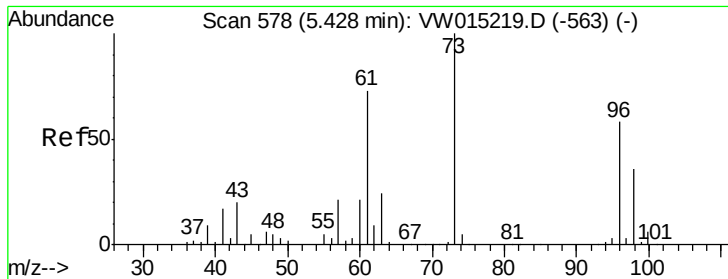
Tot Ion: 73 Resp: 96448
Ion Ratio Lower Upper
73 100
57 19.3 17.8 26.6



#20
Methylene Chloride
Concen: 19.267 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Tgt Ion: 84 Resp: 43993
Ion Ratio Lower Upper
84 100
49 113.1 95.4 143.0
51 35.8 29.8 44.8
86 68.2 47.4 71.0

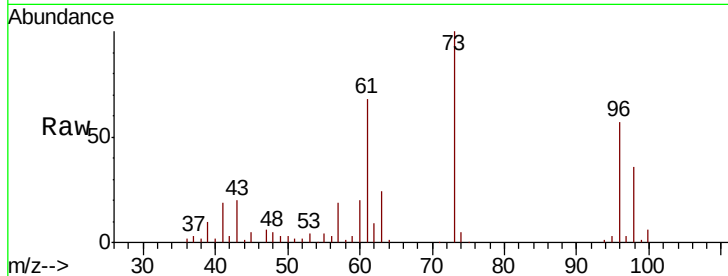




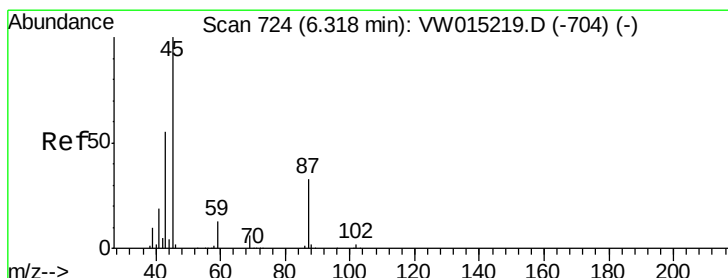
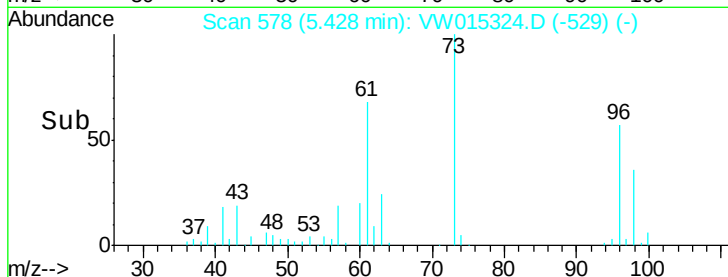
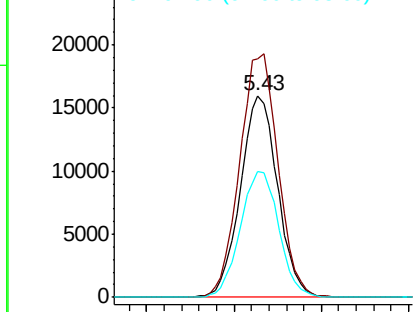
#21
trans-1,2-Dichloroethene
Concen: 20.090 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 96 Resp: 47406
Ion Ratio Lower Upper
96 100
61 118.5 107.8 161.6
98 62.7 50.2 75.2

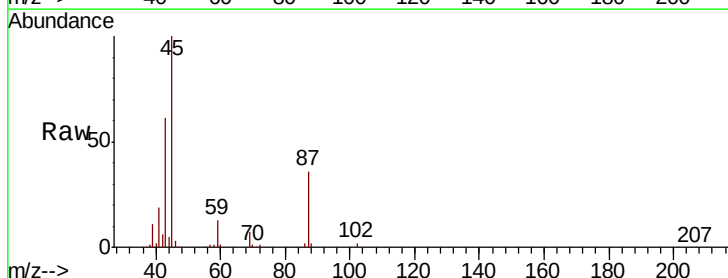


Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW

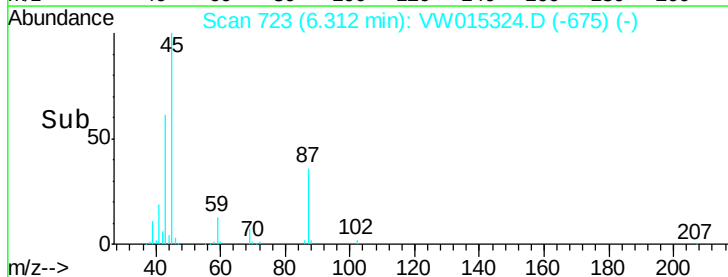
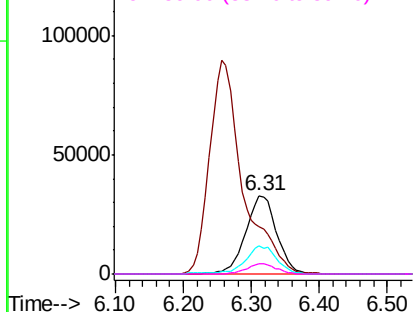


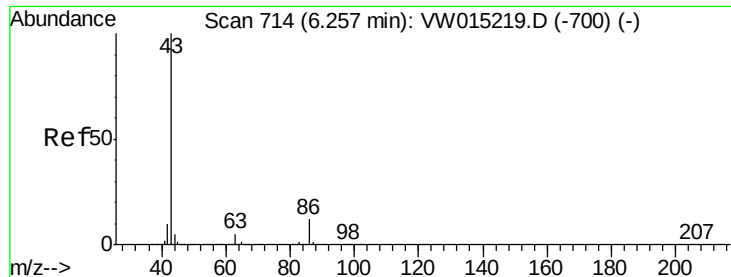
#22
Diisopropyl ether
Concen: 19.656 ug/l
RT: 6.31 min Scan# 723
Delta R.T. -0.01 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Tgt Ion: 45 Resp: 104079
Ion Ratio Lower Upper
45 100
43 60.4 41.8 62.6
87 35.9 23.2 34.8#
59 12.7 9.6 14.4



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





#23

Vinyl Acetate

Concen: 98.004 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Instrument :

MSVOA_W

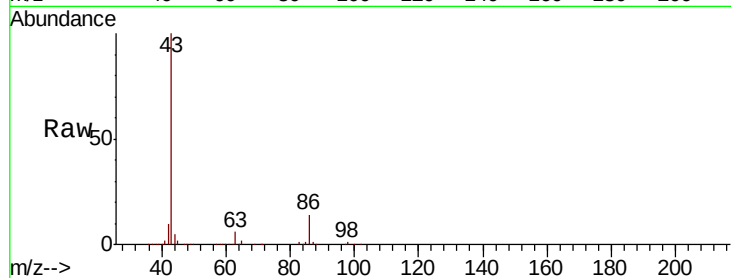
ClientSampled :

Tot Ion: 43 Resp: 304521

Ion Ratio Lower Upper

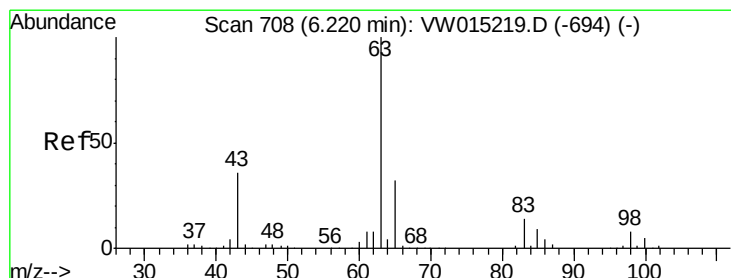
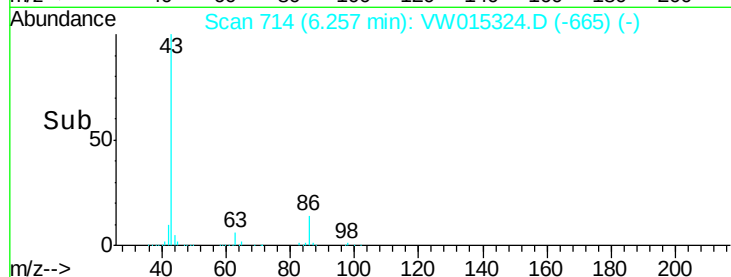
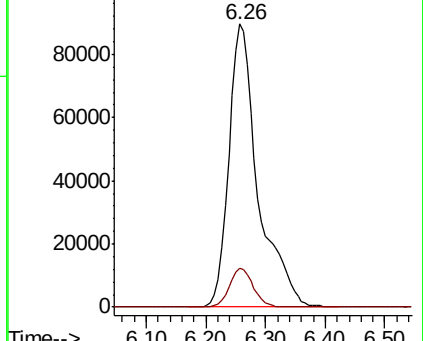
43 100

86 13.8 9.1 13.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 19.967 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

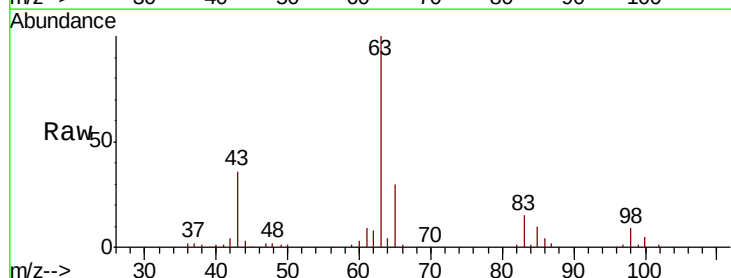
Tgt Ion: 63 Resp: 73272

Ion Ratio Lower Upper

63 100

98 8.6 3.6 10.9

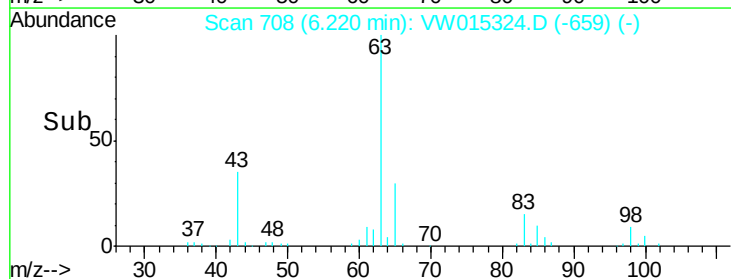
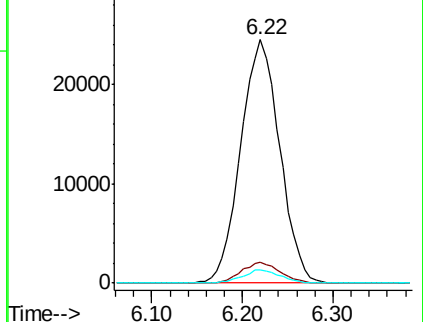
100 5.2 2.4 7.2

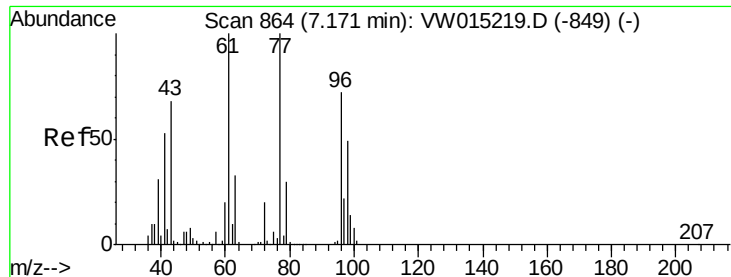


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 96.185 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Instrument :

MSVOA_W

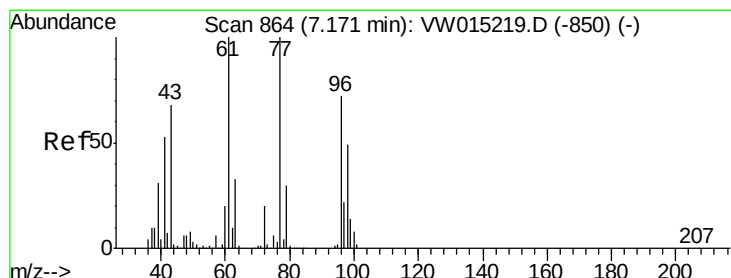
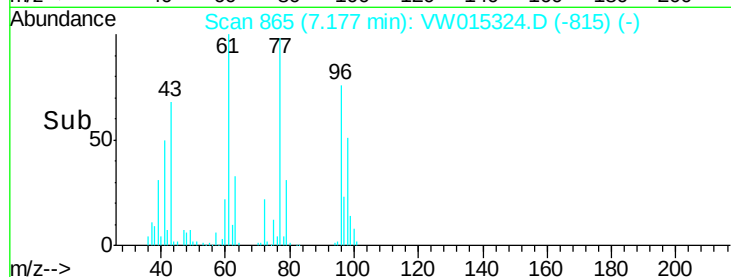
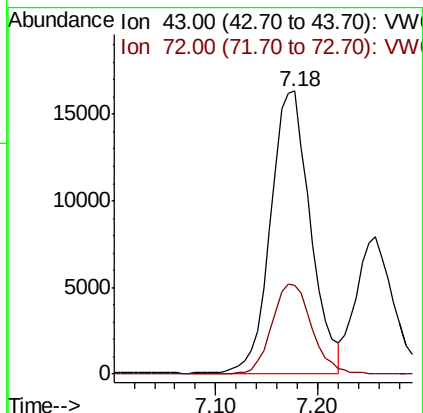
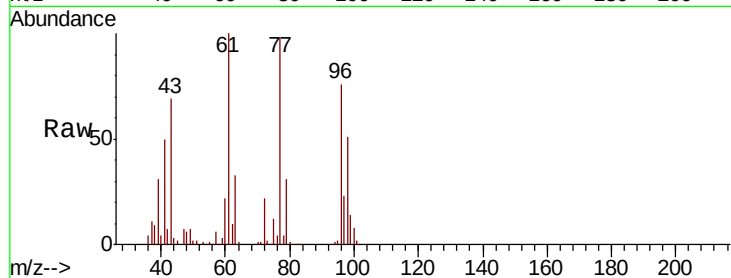
ClientSampled :

Tot Ion: 43 Resp: 44460

Ion Ratio Lower Upper

43 100

72 31.4 21.6 32.4



#26

2,2-Dichloropropane

Concen: 19.981 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015324.D

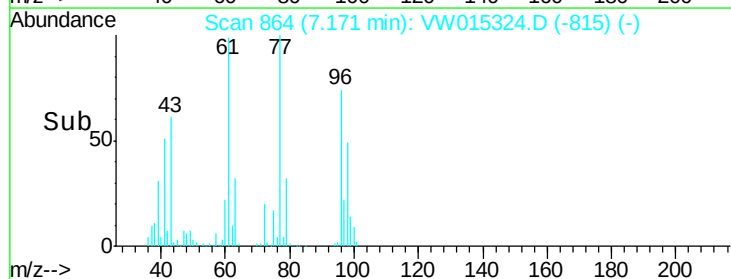
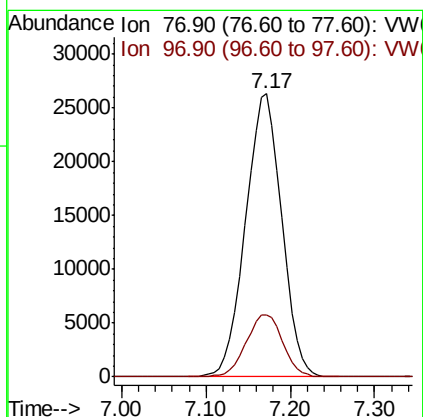
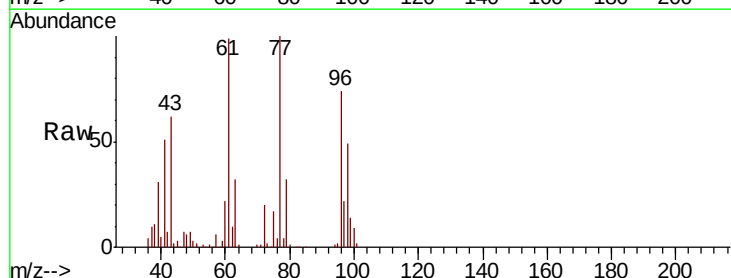
Acq: 23 Apr 2020 11:43

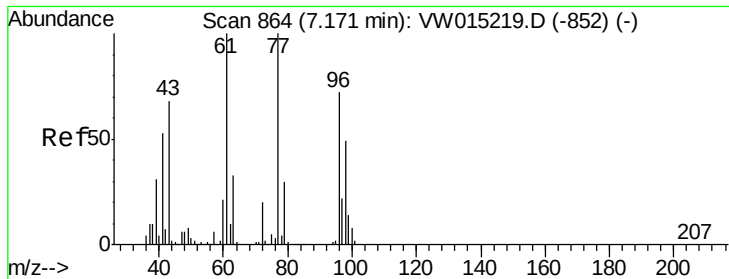
Tgt Ion: 77 Resp: 77140

Ion Ratio Lower Upper

77 100

97 22.4 11.9 35.5



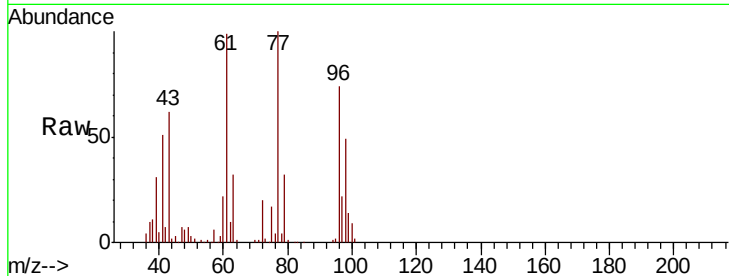


#27

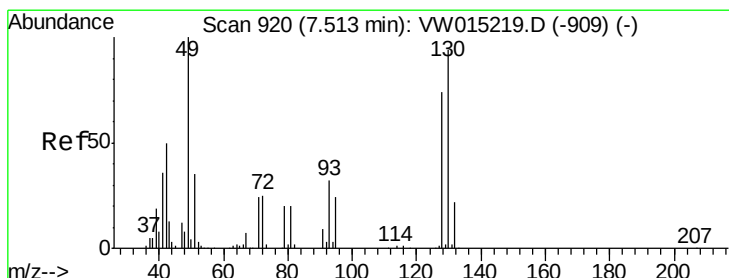
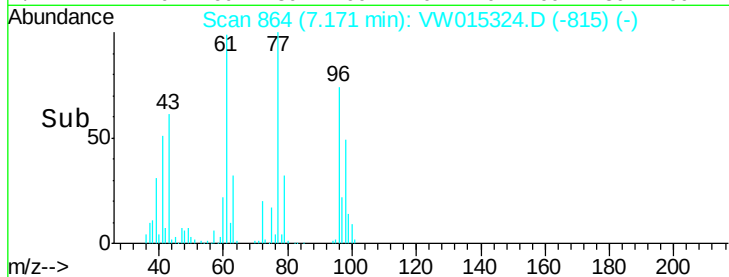
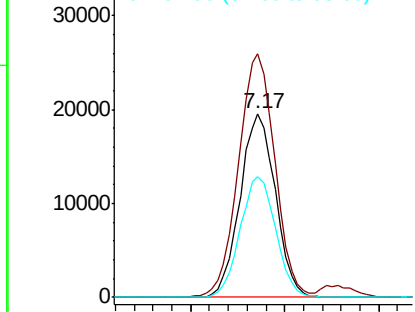
cis-1,2-Dichloroethene
 Concen: 20.031 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW015324.D
 Acq: 23 Apr 2020 11:43

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	96	Resp	51027
Ion	Ratio	Lower	Upper
96	100		
61	137.4	0.0	275.0
98	66.2	0.0	130.8



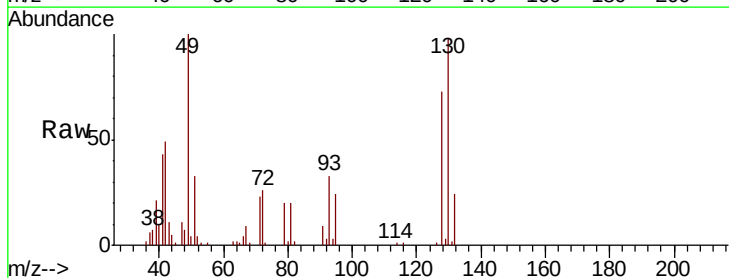
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



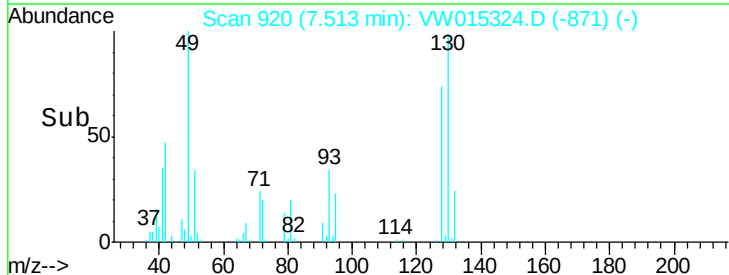
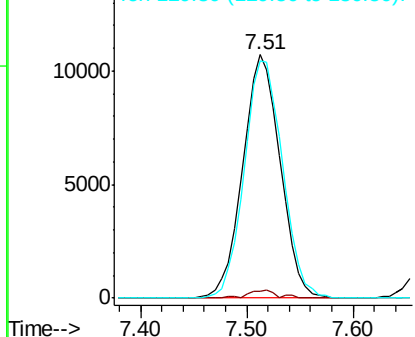
#28

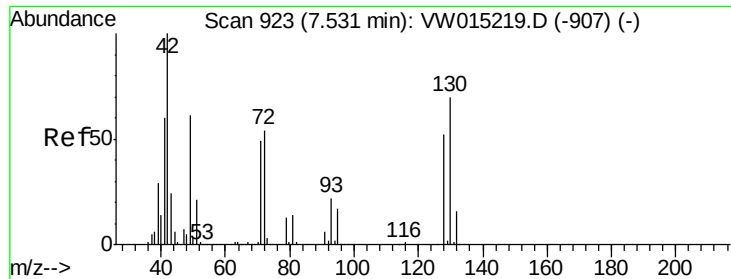
Bromochloromethane
 Concen: 19.806 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW015324.D
 Acq: 23 Apr 2020 11:43

Tgt Ion	49	Resp	26426
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.6
130	100.0	60.9	91.3#



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

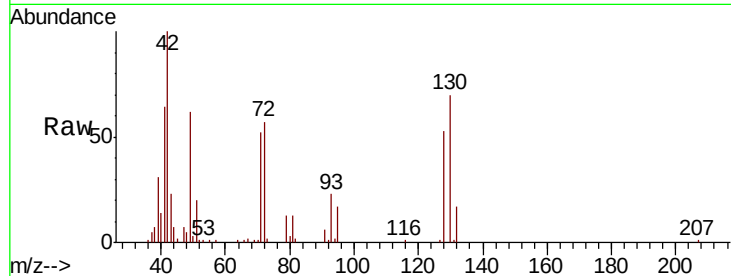




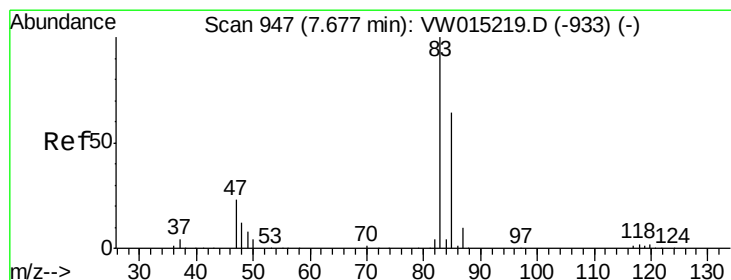
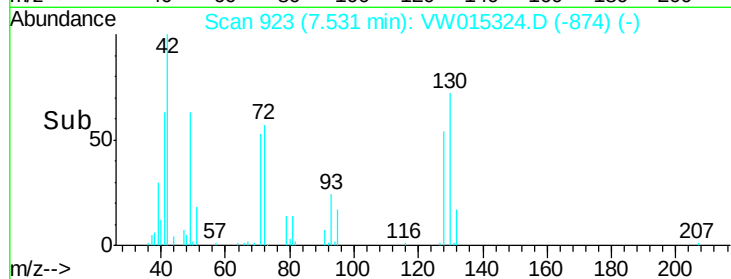
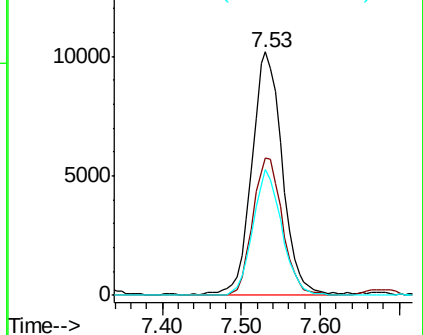
#29
Tetrahydrofuran
Concen: 95.382 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 42 Resp: 27468
Ion Ratio Lower Upper
42 100
72 54.5 36.2 54.2#
71 48.9 34.2 51.4

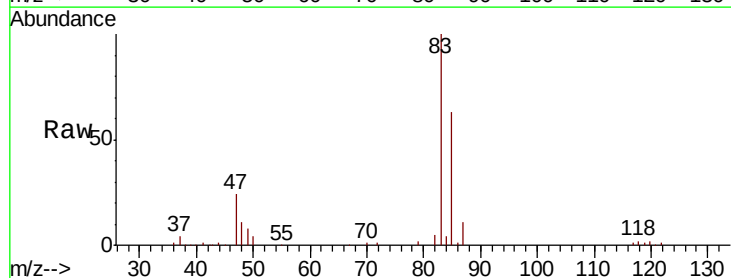


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

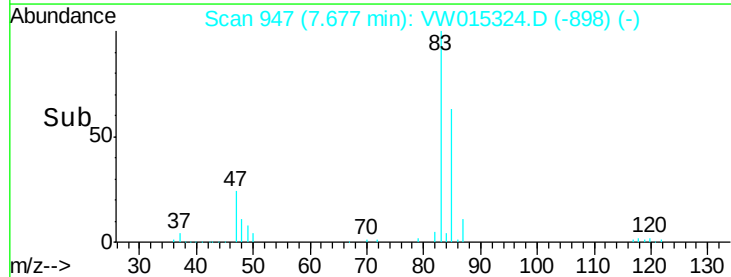
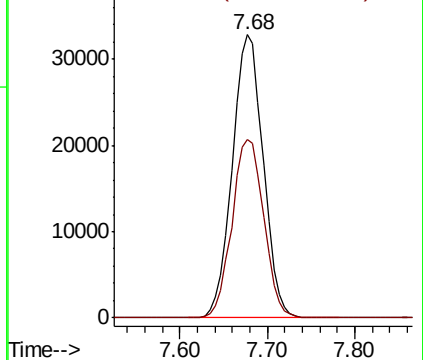


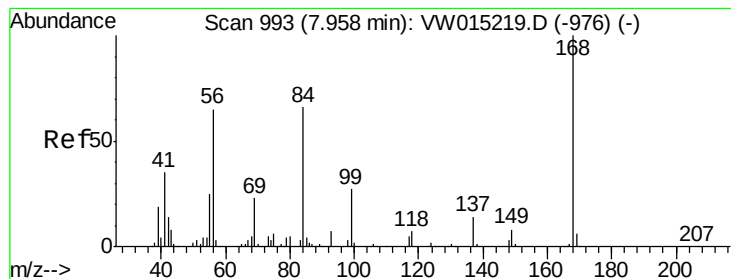
#30
Chloroform
Concen: 20.355 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Tgt Ion: 83 Resp: 80620
Ion Ratio Lower Upper
83 100
85 63.1 50.9 76.3



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





#31

Cyclohexane

Concen: 19.537 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Instrument :

MSVOA_W

ClientSampleId :

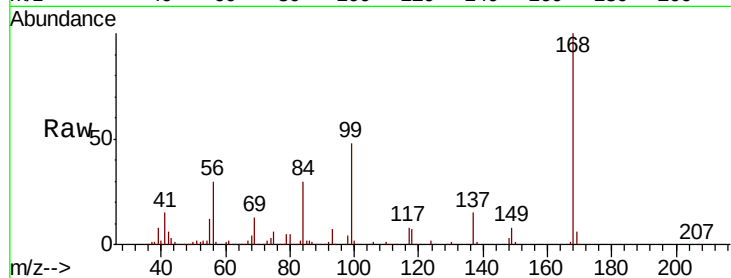
Tot Ion: 56 Resp: 72067

Ion Ratio Lower Upper

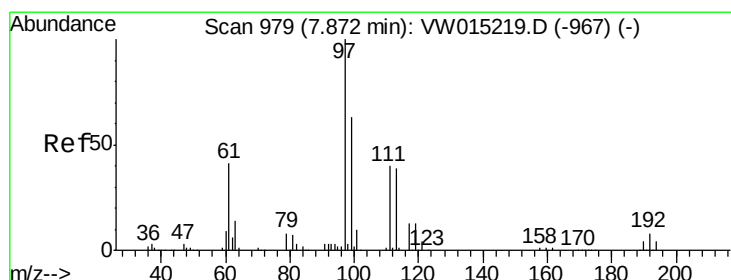
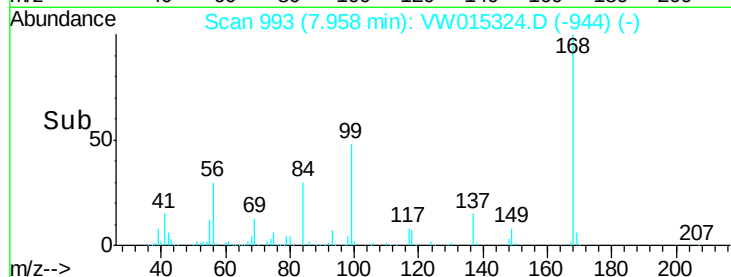
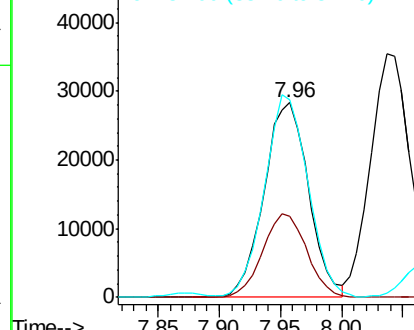
56 100

69 41.8 27.1 40.7#

84 99.3 71.9 107.9



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



#32

1,1,1-Trichloroethane

Concen: 20.510 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

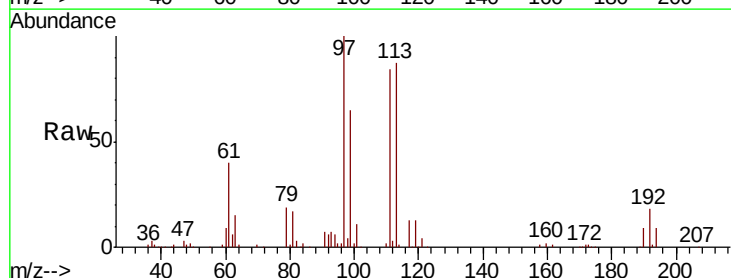
Tgt Ion: 97 Resp: 78401

Ion Ratio Lower Upper

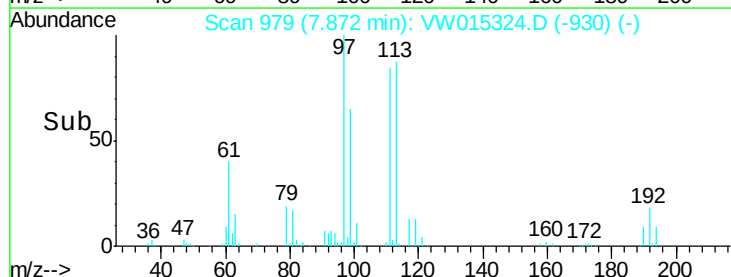
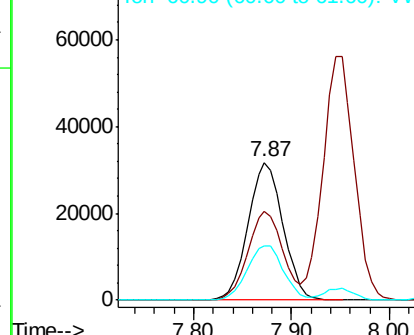
97 100

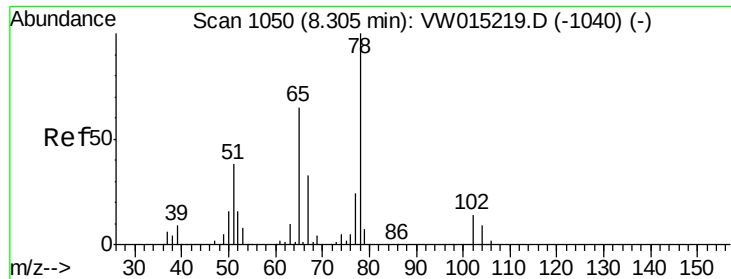
99 64.8 52.2 78.2

61 41.6 34.2 51.2



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

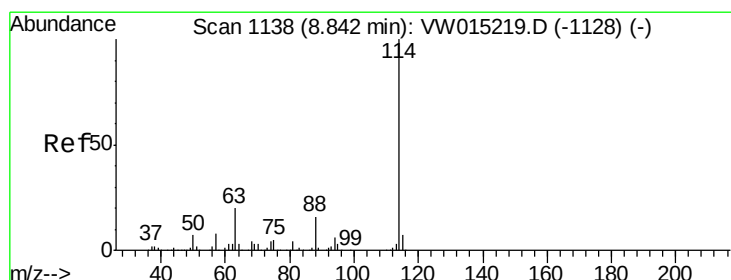
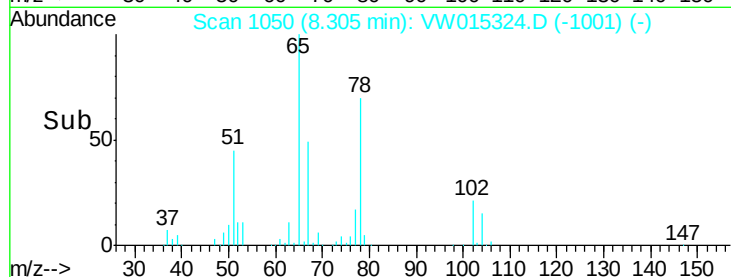
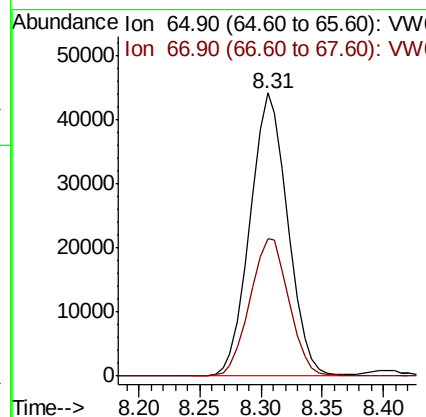
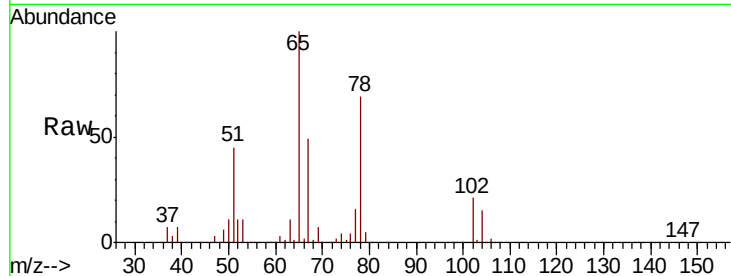




#33
 1,2-Dichloroethane-d4
 Concen: 47.507 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015324.D
 Acq: 23 Apr 2020 11:43

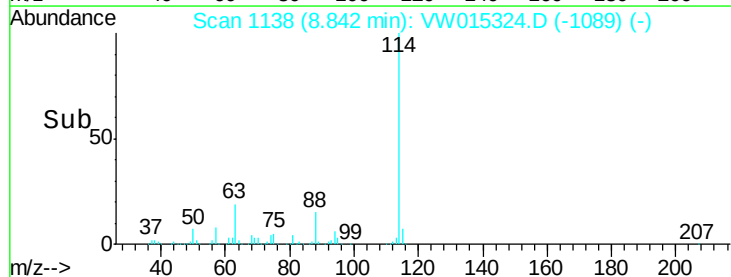
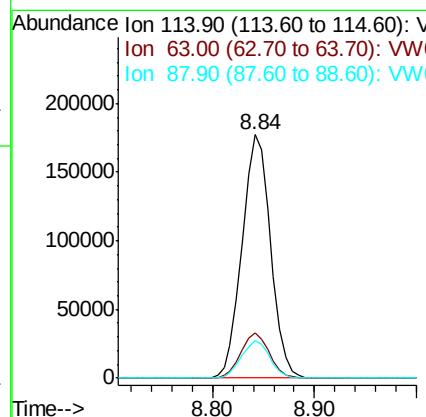
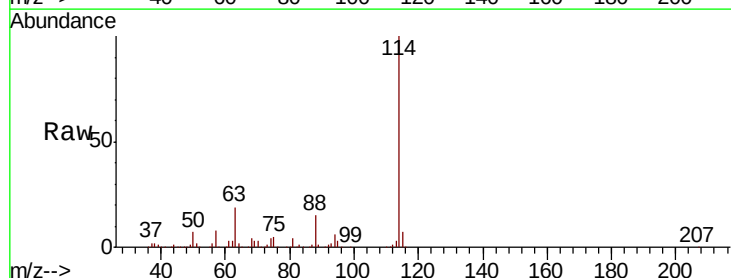
Instrument :
 MSVOA_W
 ClientSampled :

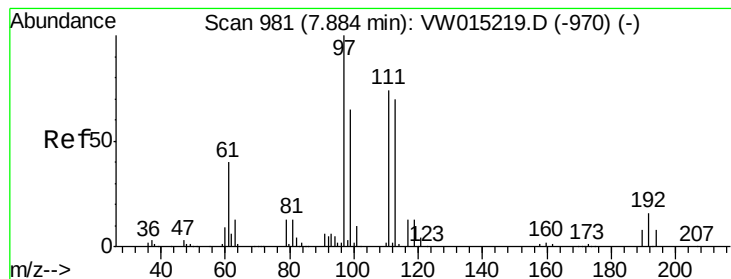
Tot Ion: 65 Resp: 94763
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015324.D
 Acq: 23 Apr 2020 11:43

Tgt Ion: 114 Resp: 343758
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.8
 88 15.2 0.0 30.2





#35

Dibromofluoromethane

Concen: 49.420 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Instrument :

MSVOA_W

ClientSampled :

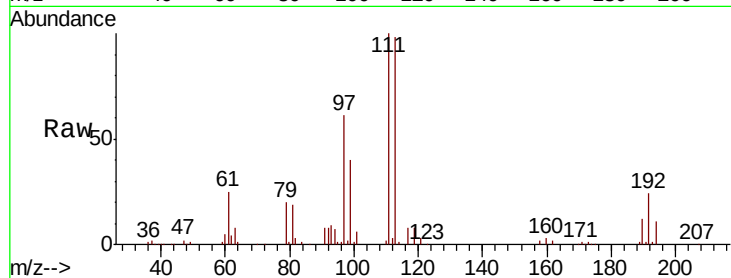
Tot Ion:113 Resp: 94103

Ion Ratio Lower Upper

113 100

111 101.1 83.0 124.4

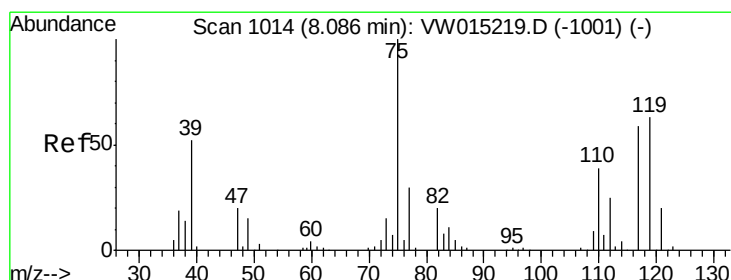
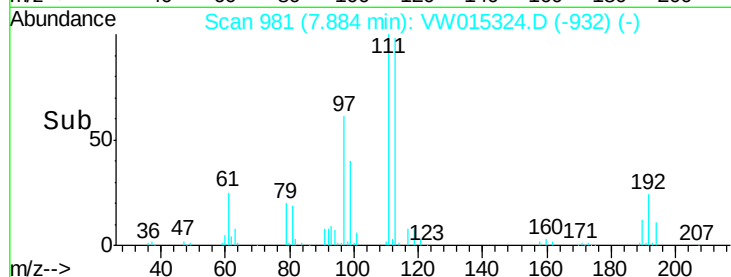
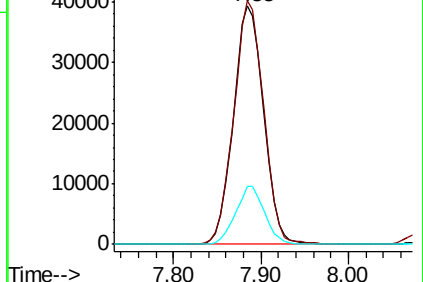
192 23.4 15.1 22.7#



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.829 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

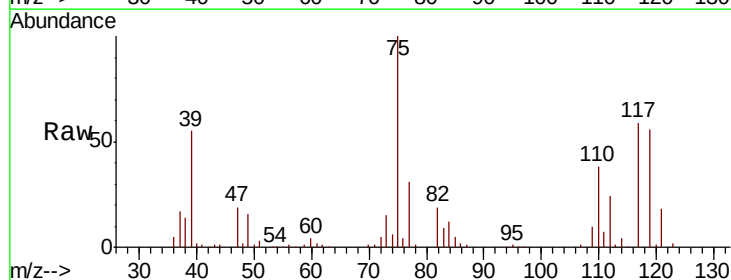
Tgt Ion: 75 Resp: 64626

Ion Ratio Lower Upper

75 100

110 38.5 18.2 54.6

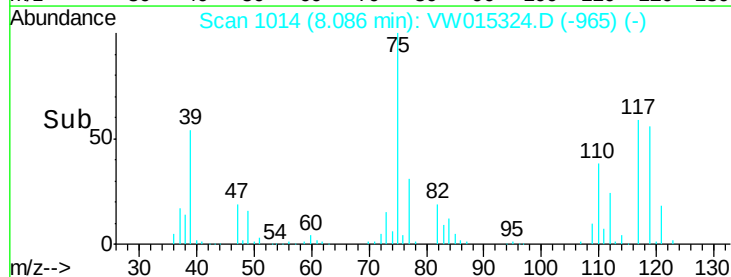
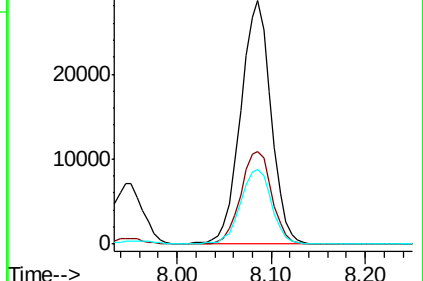
77 31.4 24.5 36.7

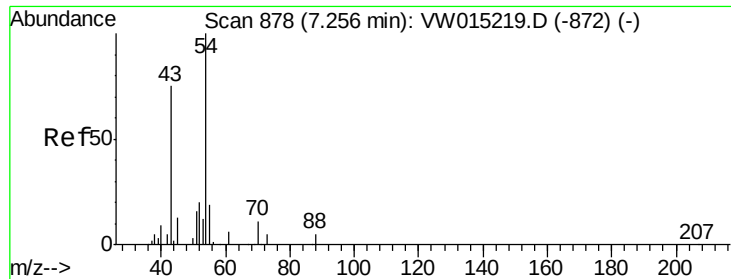


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 20.228 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.00 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Instrument :

MSVOA_W

ClientSampleId :

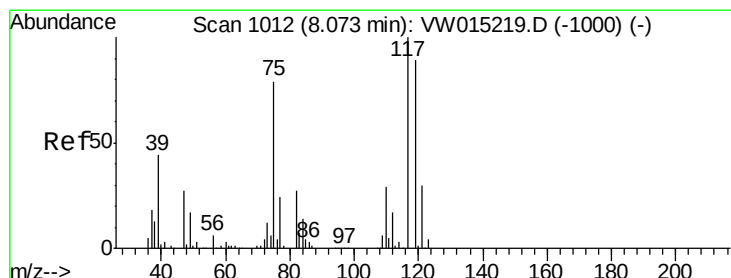
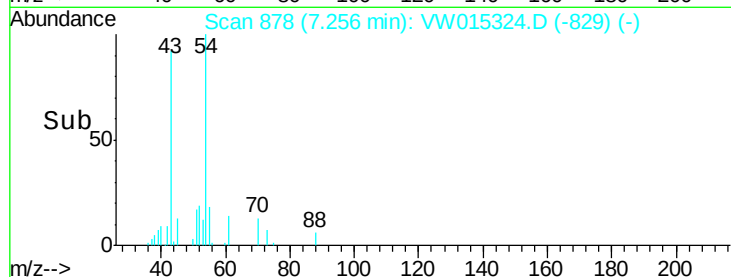
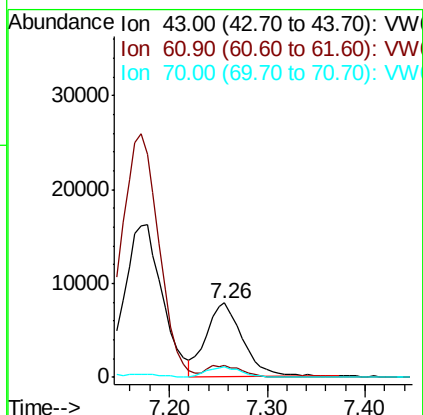
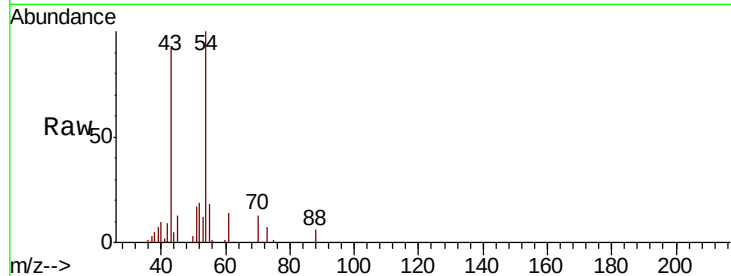
Tot Ion: 43 Resp: 20368

Ion Ratio Lower Upper

43 100

61 15.0 11.9 17.9

70 13.2 8.8 13.2#



#38

Carbon Tetrachloride

Concen: 21.019 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.01 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

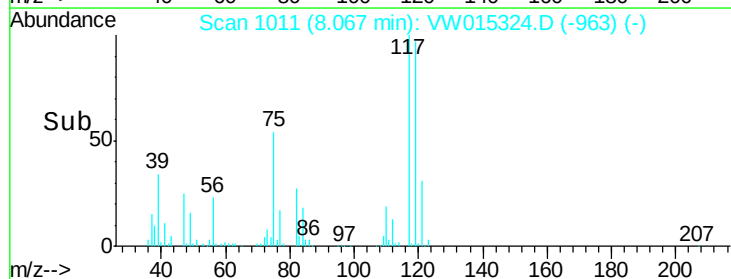
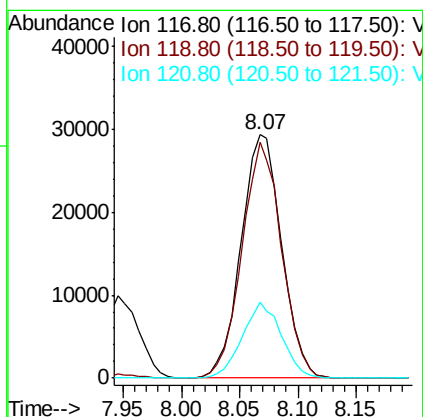
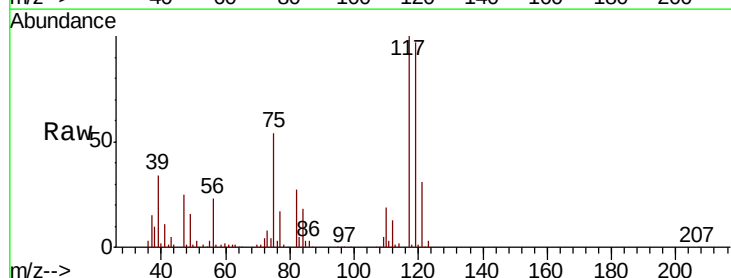
Tgt Ion: 117 Resp: 71265

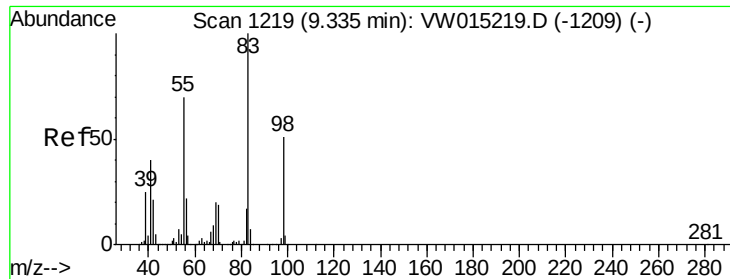
Ion Ratio Lower Upper

117 100

119 97.1 72.3 108.5

121 30.9 23.7 35.5

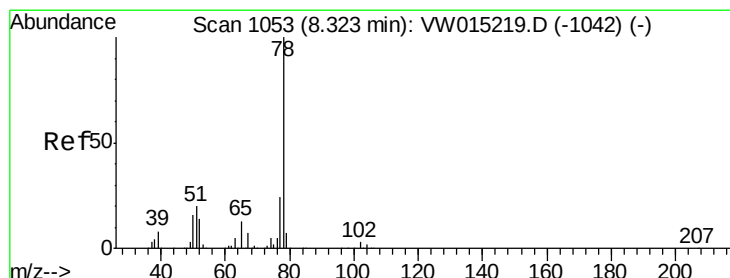
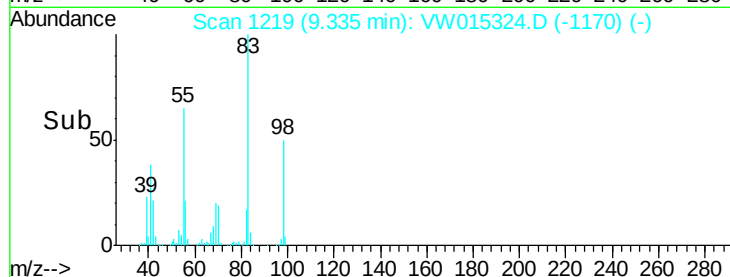
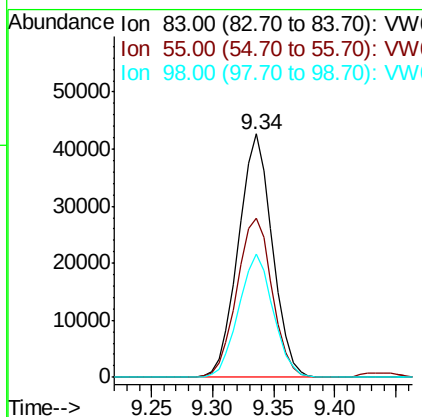
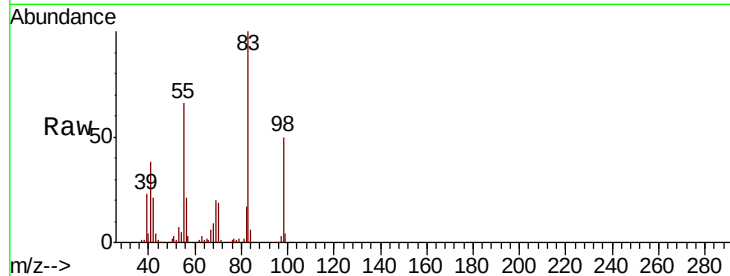




#39
Methylvlcyclohexane
Concen: 19.938 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

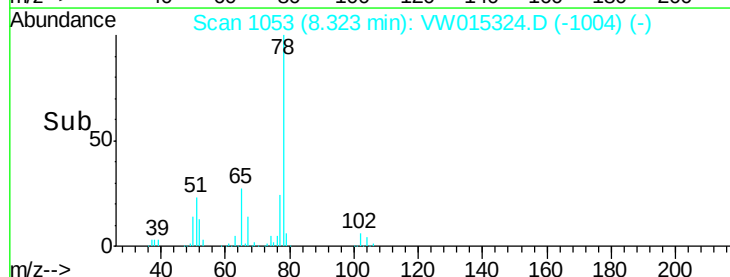
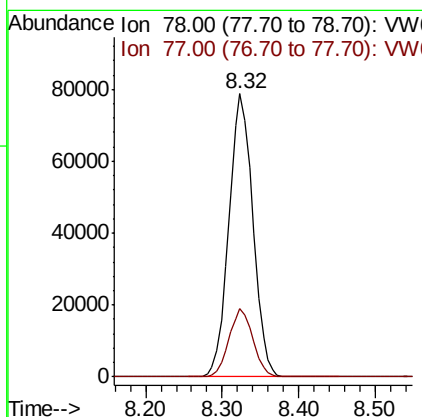
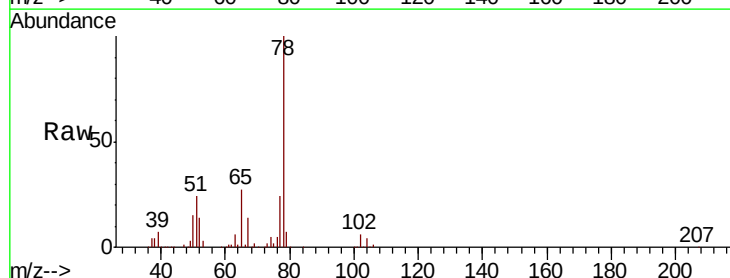
Instrument :
MSVOA_W
ClientSampleId :

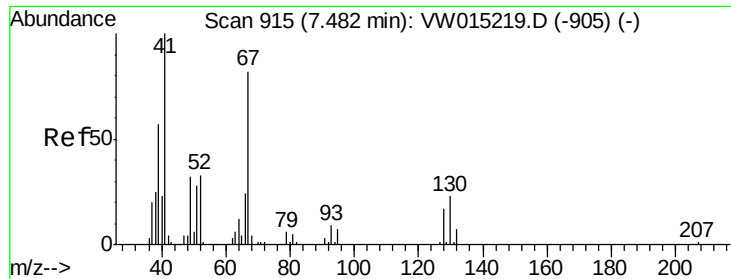
Tot Ion: 83 Resp: 82335
Ion Ratio Lower Upper
83 100
55 65.5 58.1 87.1
98 50.4 40.2 60.4



#40
Benzene
Concen: 20.603 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Tgt Ion: 78 Resp: 170754
Ion Ratio Lower Upper
78 100
77 24.3 18.2 27.2

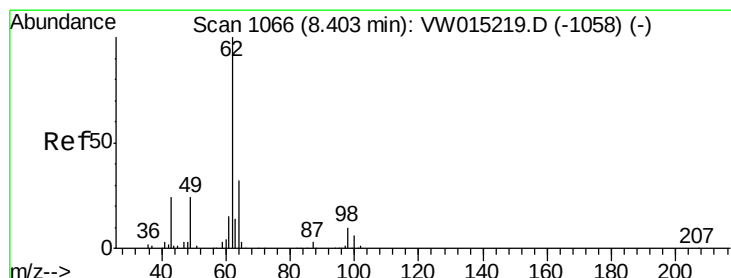
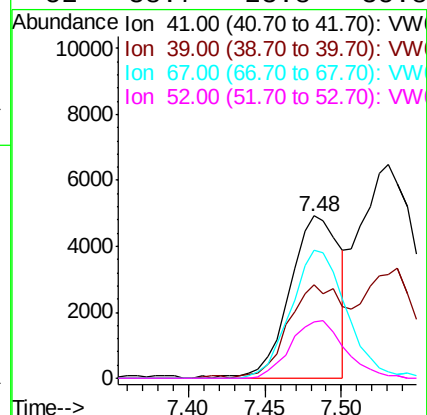
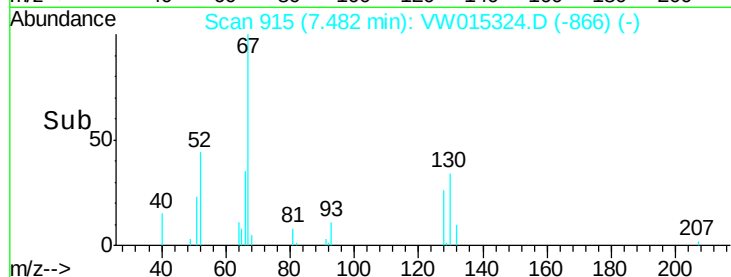
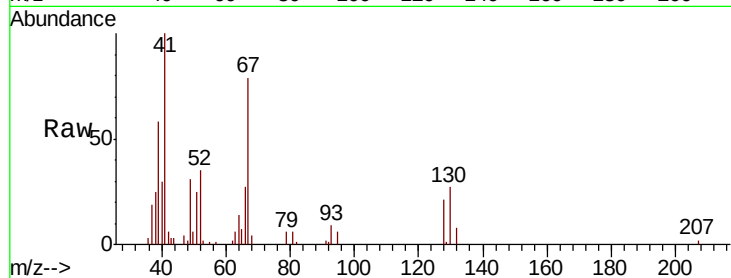




#41
Methacrylonitrile
Concen: 18.467 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

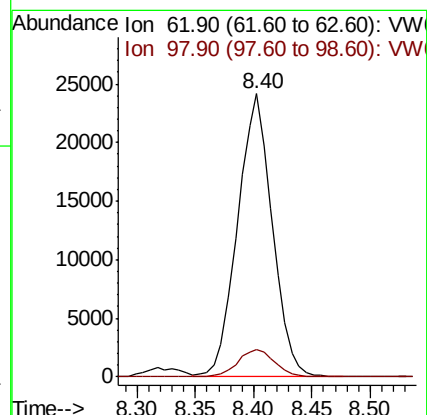
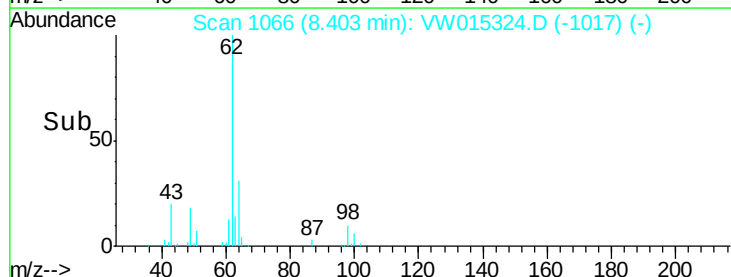
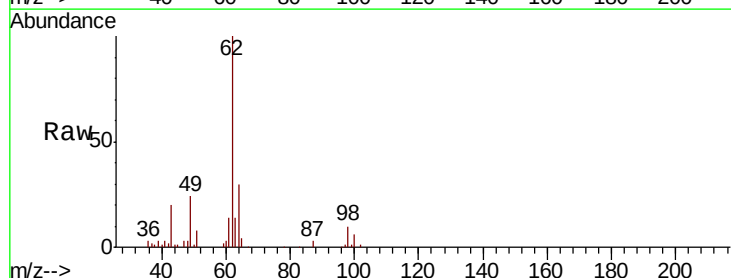
Instrument :
MSVOA_W
ClientSampled :

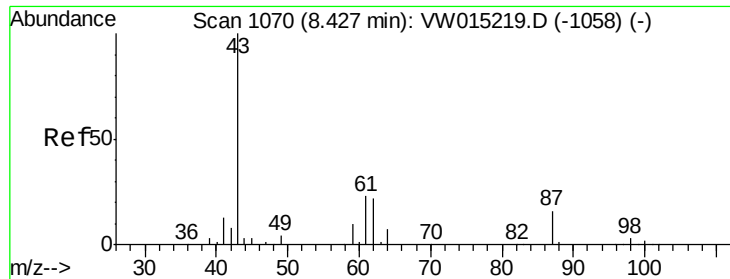
Tot Ion	Ratio	Lower	Upper
41	100		
39	65.9	41.9	62.9#
67	87.9	60.6	91.0
52	38.7	23.8	35.8#



#42
1,2-Dichloroethane
Concen: 20.556 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.4





#43

Isopropyl Acetate

Concen: 19.371 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Instrument :

MSVOA_W

ClientSampled :

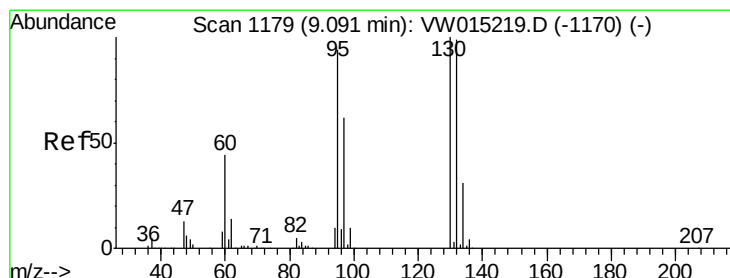
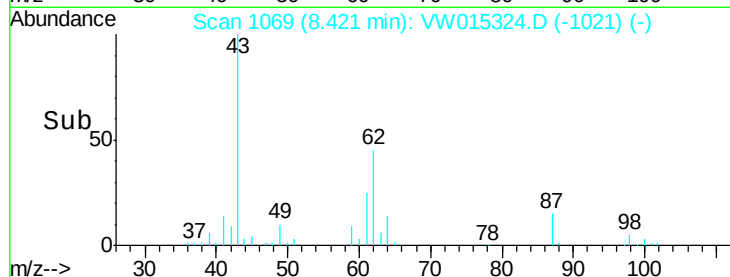
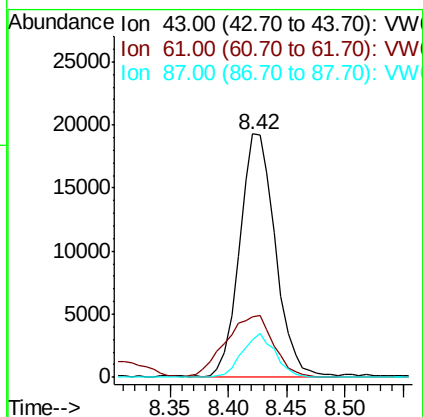
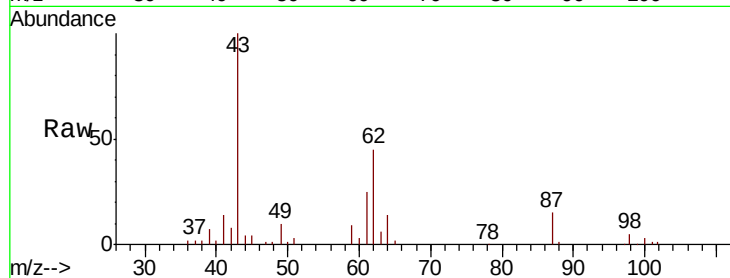
Tot Ion: 43 Resp: 40910

Ion Ratio Lower Upper

43 100

61 34.5 24.8 37.2

87 16.9 11.4 17.2



#44

Trichloroethene

Concen: 21.510 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW015324.D

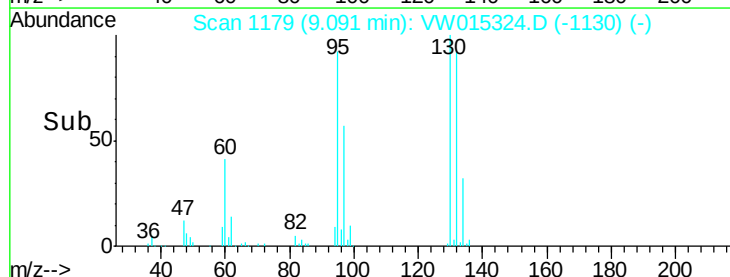
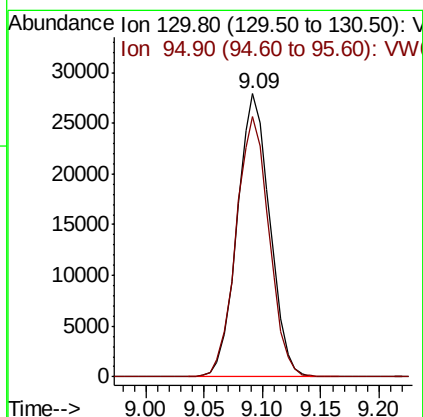
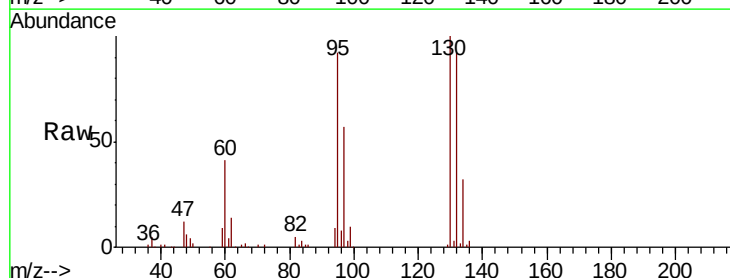
Acq: 23 Apr 2020 11:43

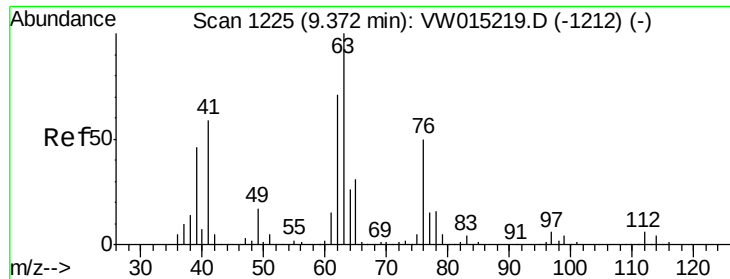
Tgt Ion:130 Resp: 54530

Ion Ratio Lower Upper

130 100

95 92.1 0.0 196.4

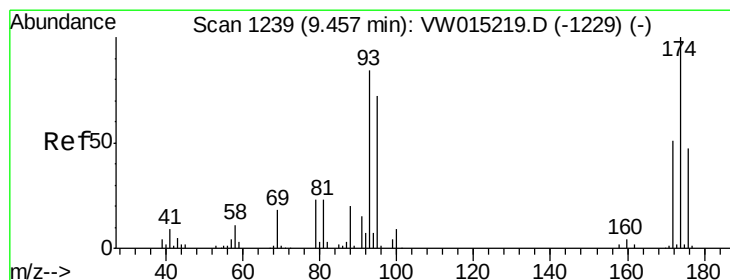
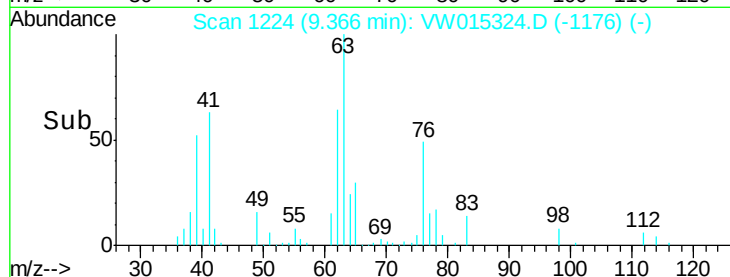
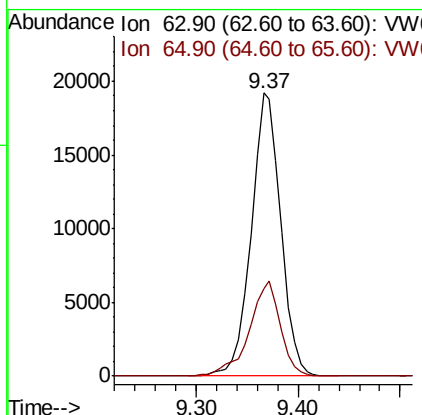
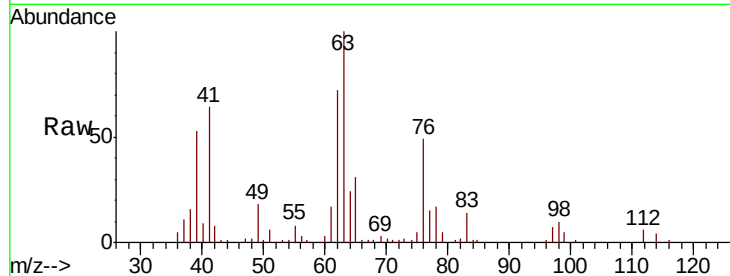




#45
 1,2-Dichloropropane
 Concen: 20.072 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: VW015324.D
 Acq: 23 Apr 2020 11:43

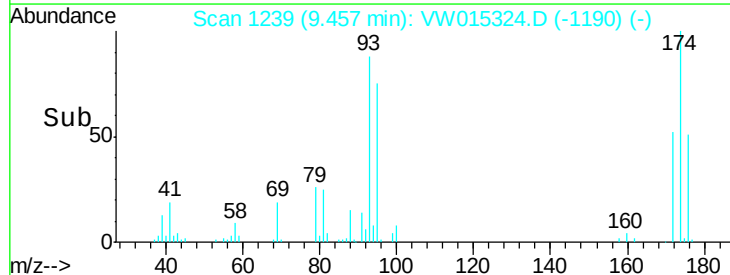
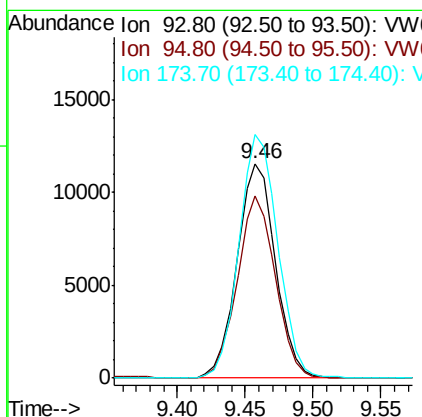
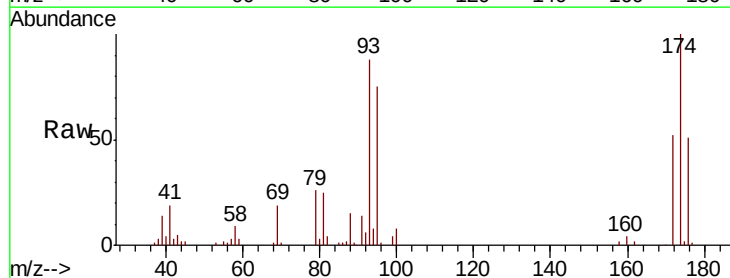
Instrument :
 MSVOA_W
 ClientSampled :

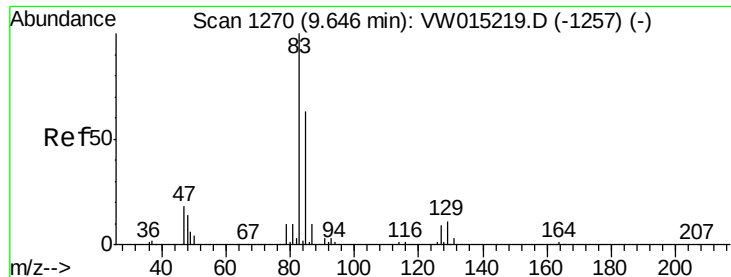
Tot Ion: 63 Resp: 38686
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.5 38.3



#46
 Dibromomethane
 Concen: 20.333 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW015324.D
 Acq: 23 Apr 2020 11:43

Tgt Ion: 93 Resp: 22669
 Ion Ratio Lower Upper
 93 100
 95 84.8 67.5 101.3
 174 115.2 74.1 111.1#

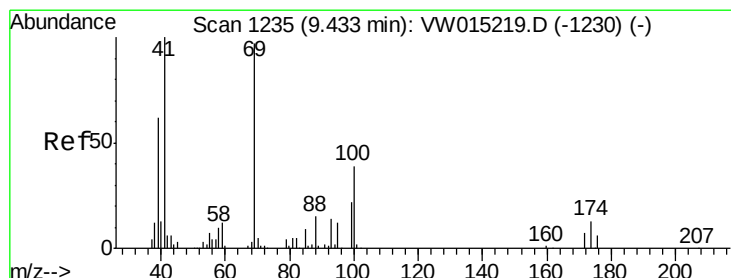
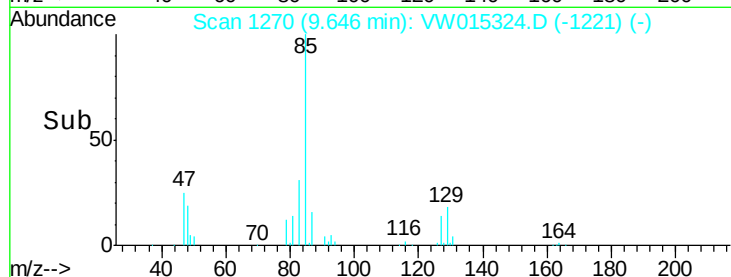
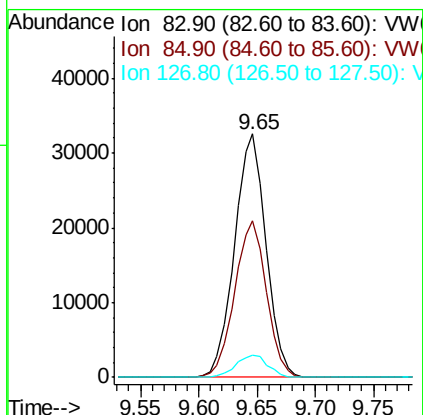
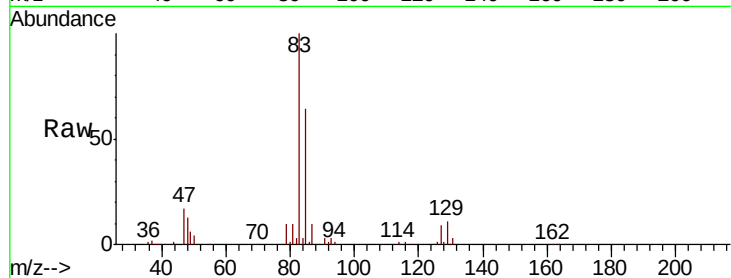




#47
 Bromodichloromethane
 Concen: 20.540 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW015324.D
 Acq: 23 Apr 2020 11:43

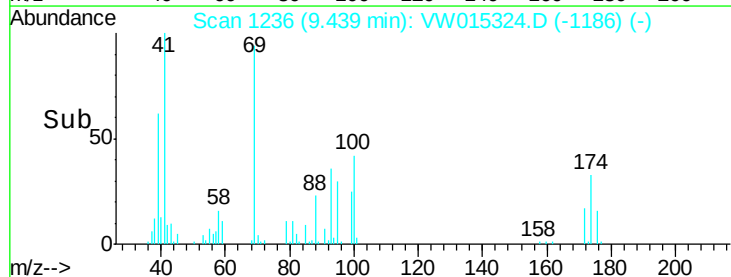
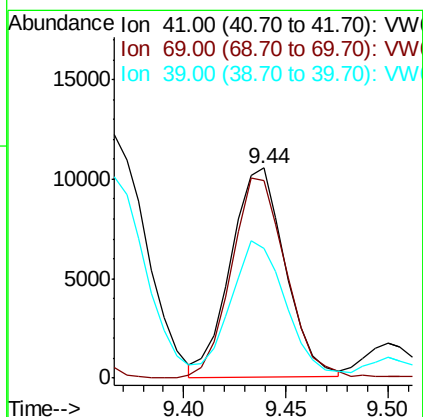
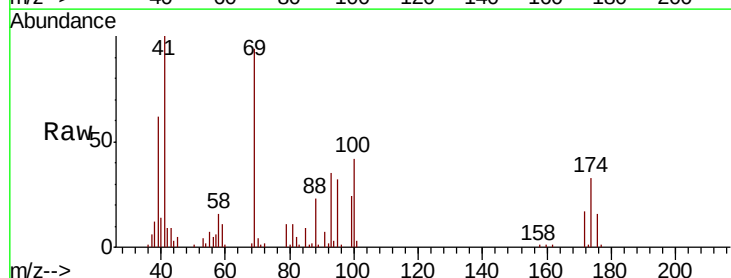
Instrument :
 MSVOA_W
 ClientSampled :

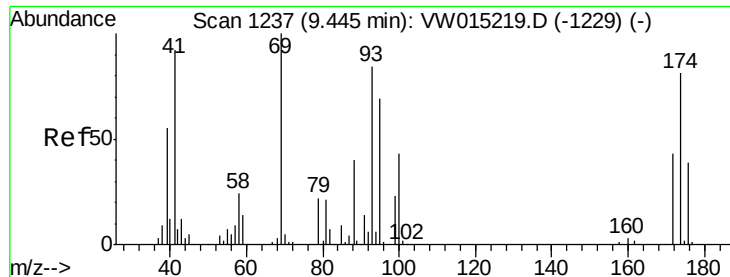
Tot Ion: 83 Resp: 61218
 Ion Ratio Lower Upper
 83 100
 85 64.3 50.6 76.0
 127 9.0 6.7 10.1



#48
 Methyl methacrylate
 Concen: 19.562 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.01 min
 Lab File: VW015324.D
 Acq: 23 Apr 2020 11:43

Tgt Ion: 41 Resp: 19530
 Ion Ratio Lower Upper
 41 100
 69 97.2 70.6 105.8
 39 61.4 42.6 64.0





#49

1,4-Dioxane

Concen: 367.760 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Instrument :

MSVOA_W

ClientSampleId :

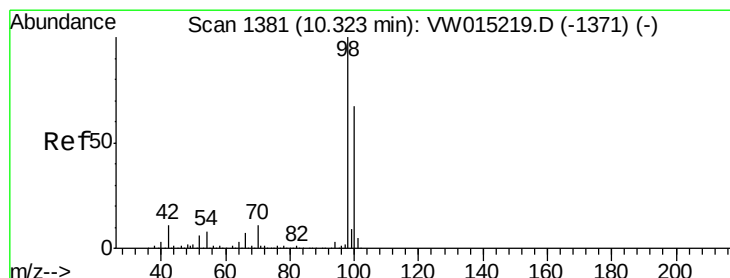
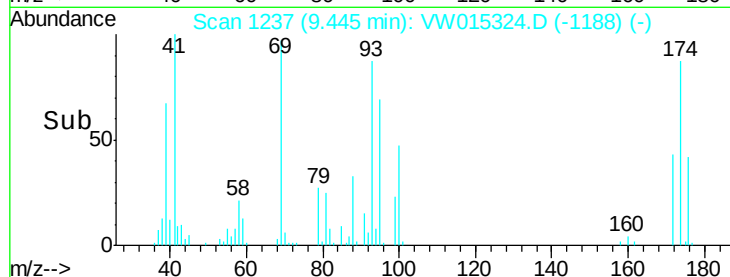
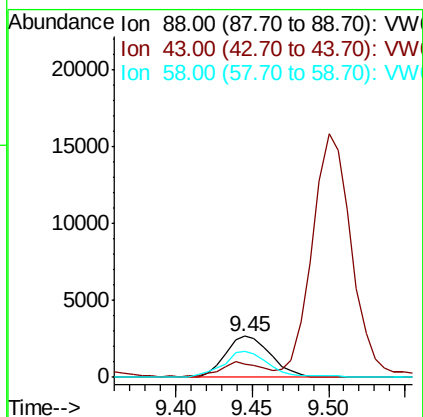
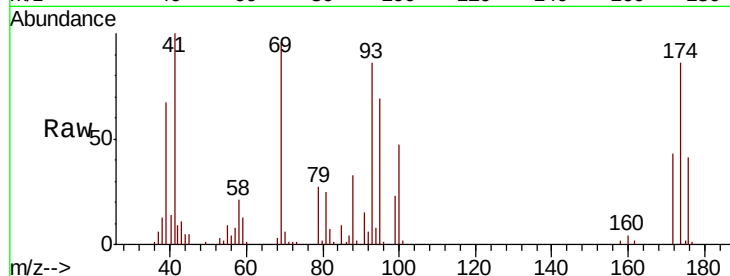
Tot Ion: 88 Resp: 5466

Ion Ratio Lower Upper

88 100

43 31.1 23.5 35.3

58 66.5 55.4 83.2



#50

Toluene-d8

Concen: 46.358 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015324.D

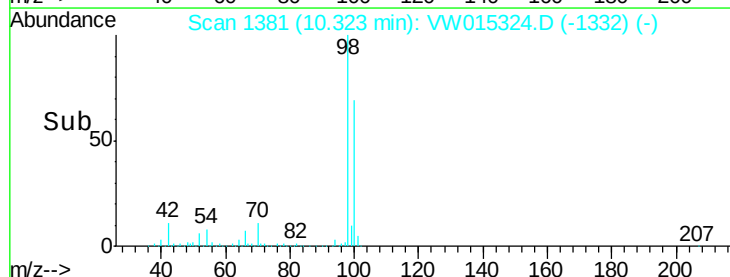
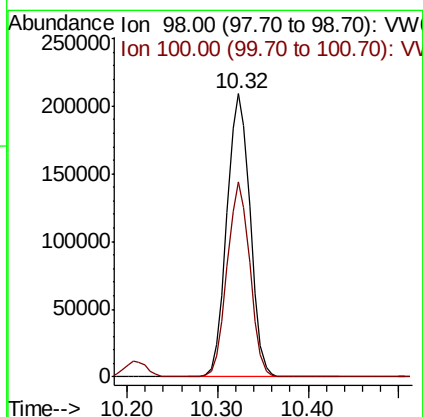
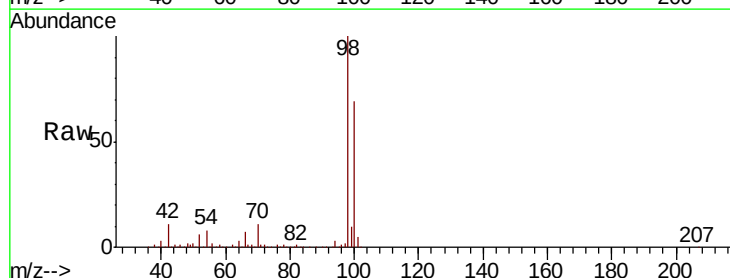
Acq: 23 Apr 2020 11:43

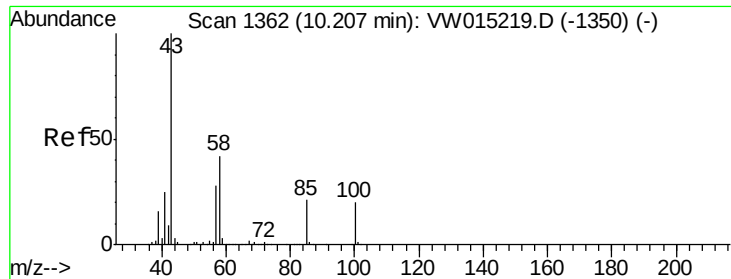
Tgt Ion: 98 Resp: 371334

Ion Ratio Lower Upper

98 100

100 67.5 52.9 79.3

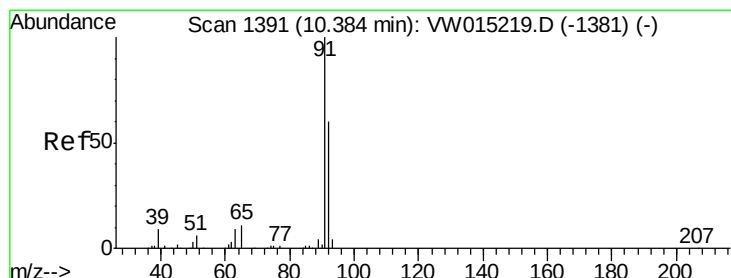
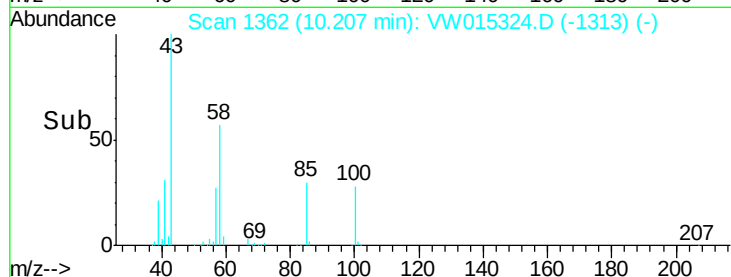
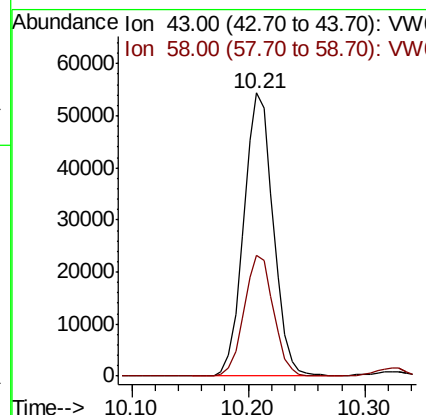
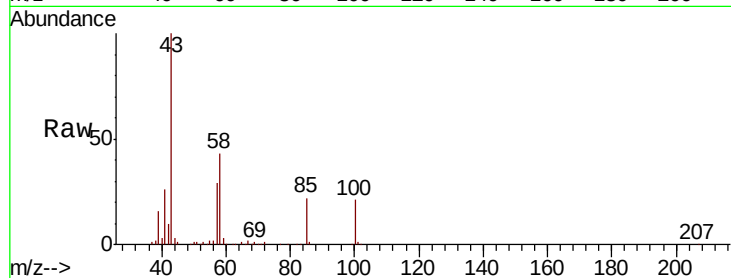




#51
4-Methyl-2-Pentanone
Concen: 96.544 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

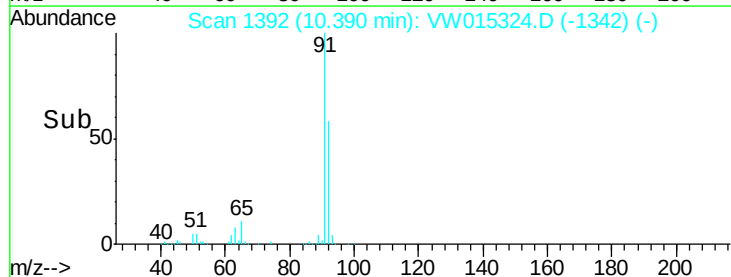
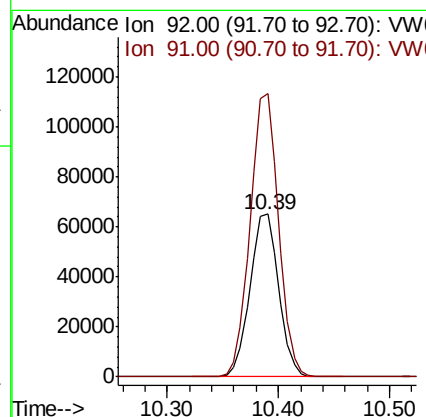
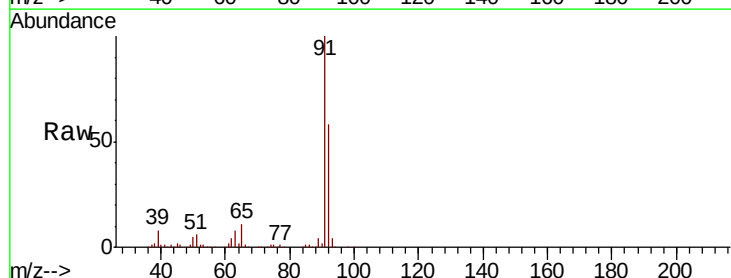
Instrument :
MSVOA_W
ClientSampled :

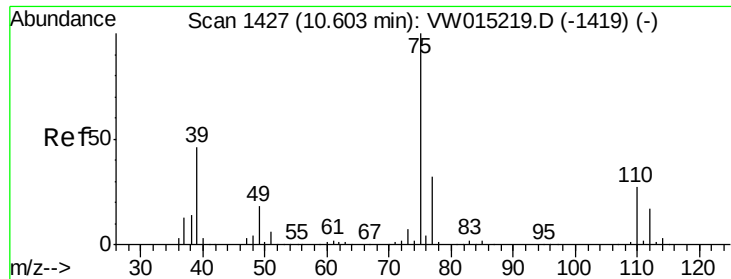
Tot Ion: 43 Resp: 95711
Ion Ratio Lower Upper
43 100
58 42.7 32.3 48.5



#52
Toluene
Concen: 20.180 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.01 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Tgt Ion: 92 Resp: 117050
Ion Ratio Lower Upper
92 100
91 172.1 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 20.248 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Instrument :

MSVOA_W

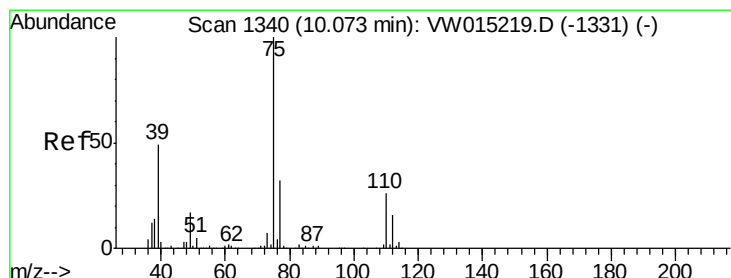
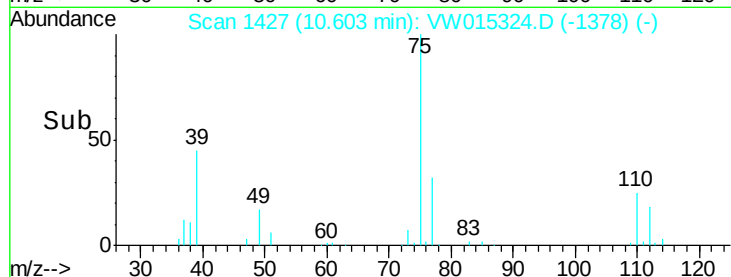
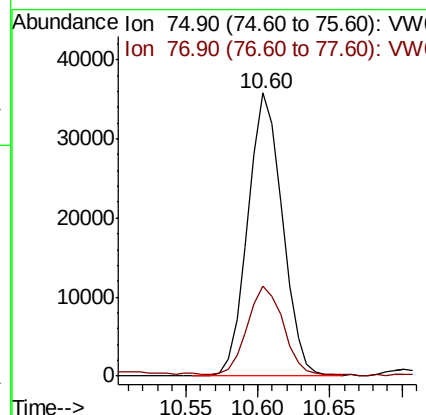
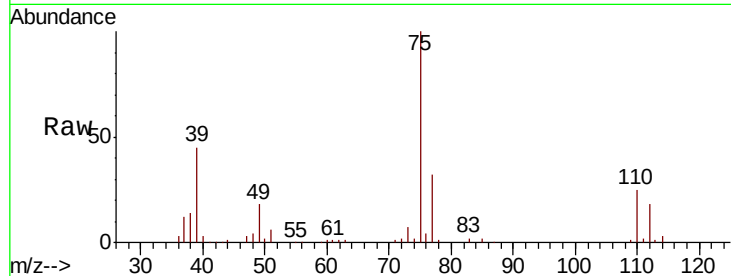
ClientSampleId :

Tot Ion: 75 Resp: 59506

Ion Ratio Lower Upper

75 100

77 31.2 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 20.644 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

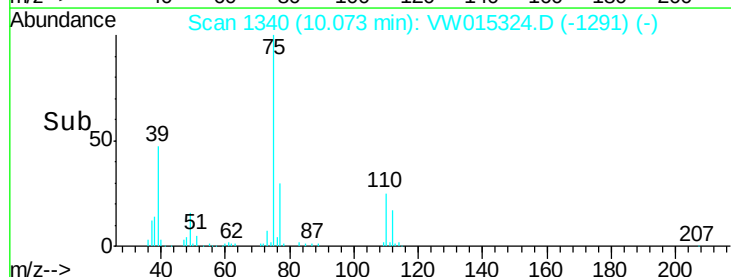
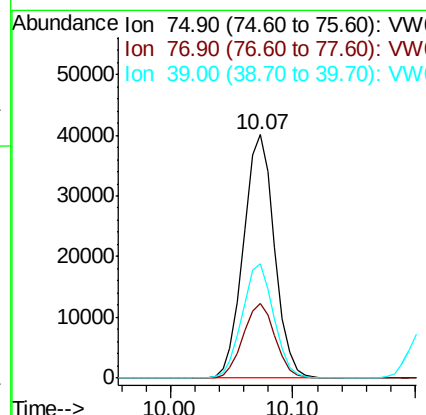
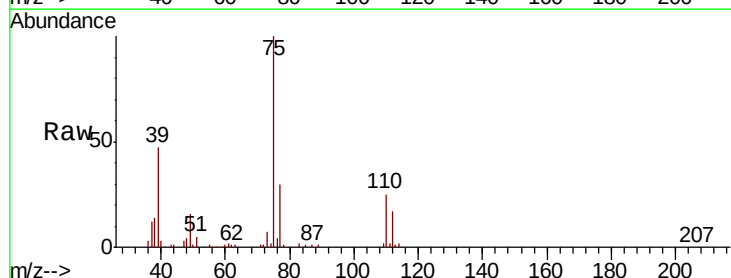
Tgt Ion: 75 Resp: 70516

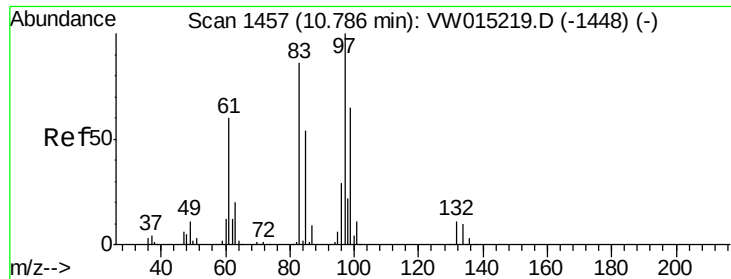
Ion Ratio Lower Upper

75 100

77 30.5 26.6 39.8

39 47.0 37.8 56.6

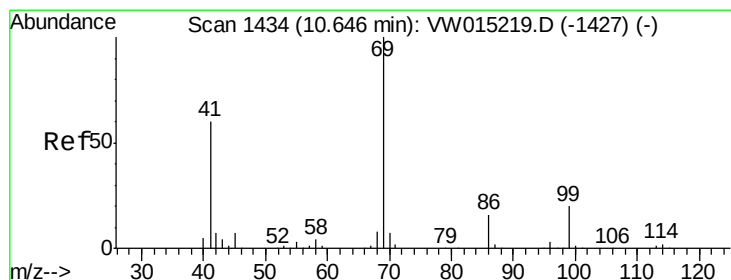
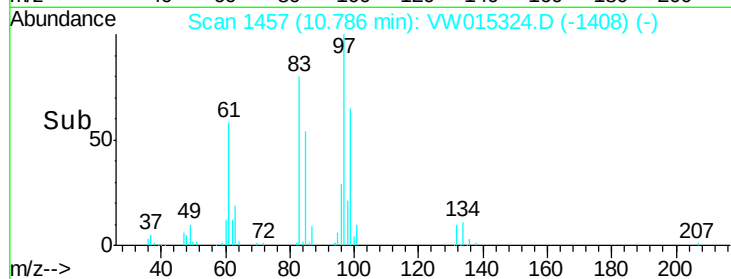
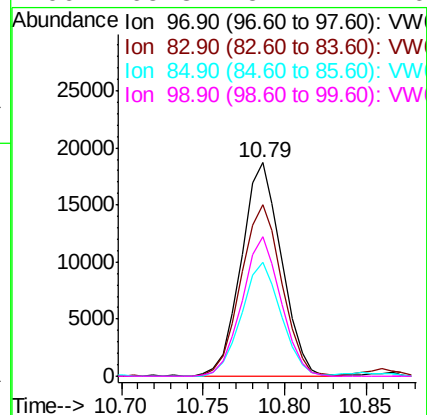
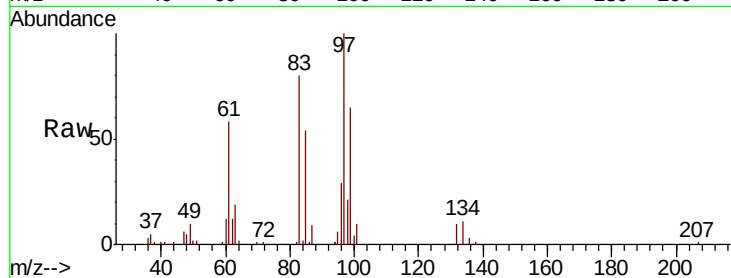




#55
 1,1,2-Trichloroethane
 Concen: 20.510 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015324.D
 Acq: 23 Apr 2020 11:43

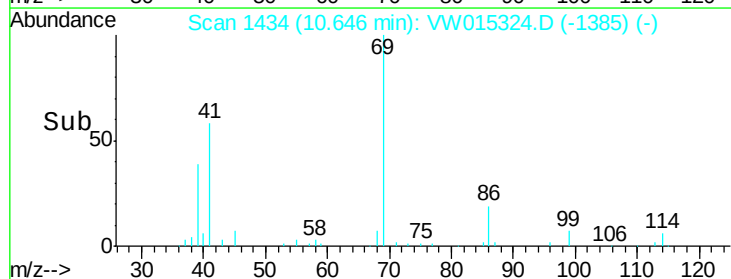
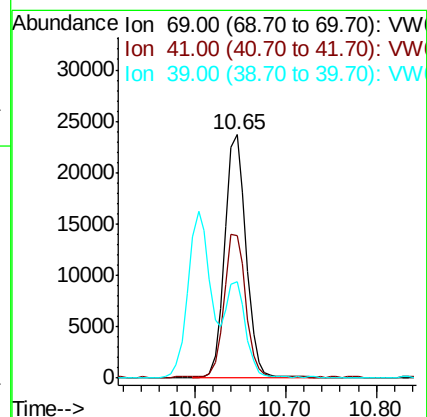
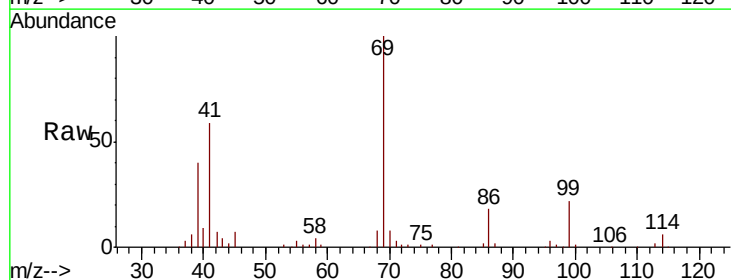
Instrument :
 MSVOA_W
 ClientSampled :

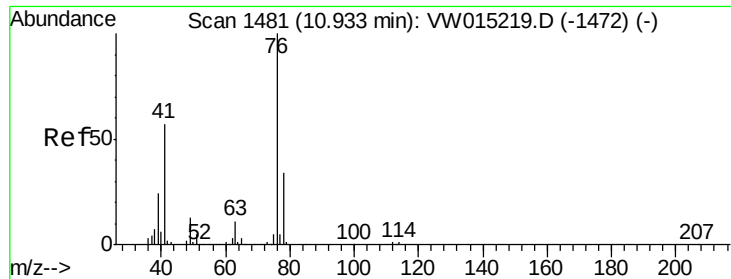
Tot Ion:	97	Resp:	32020
Ion	Ratio	Lower	Upper
97	100		
83	80.0	67.3	100.9
85	53.6	43.8	65.8
99	65.3	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 19.451 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015324.D
 Acq: 23 Apr 2020 11:43

Tgt Ion:	69	Resp:	39120
Ion	Ratio	Lower	Upper
69	100		
41	59.8	51.3	76.9
39	35.4	24.6	37.0

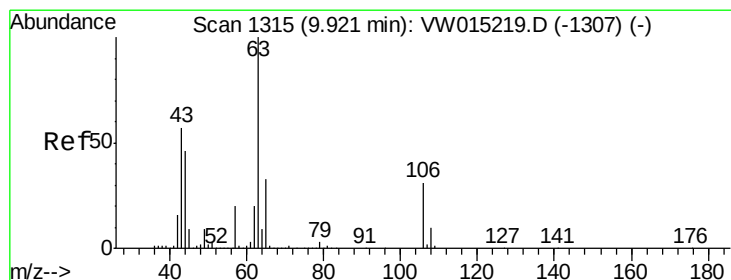
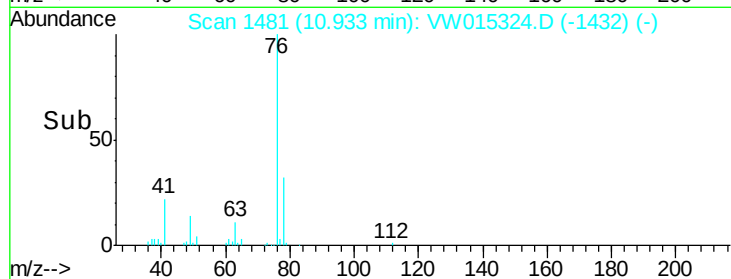
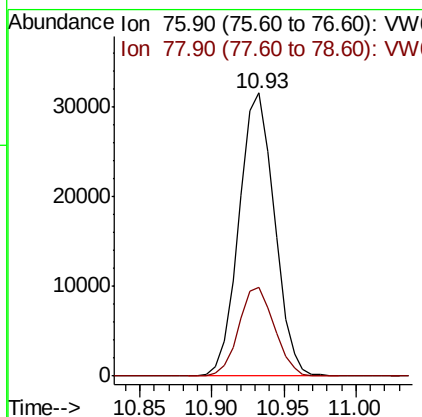
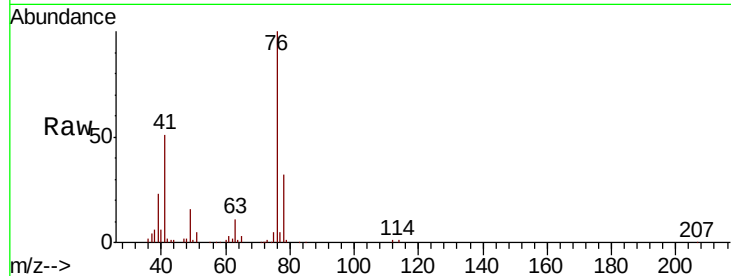




#57
 1,3-Dichloropropane
 Concen: 20.888 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015324.D
 Acq: 23 Apr 2020 11:43

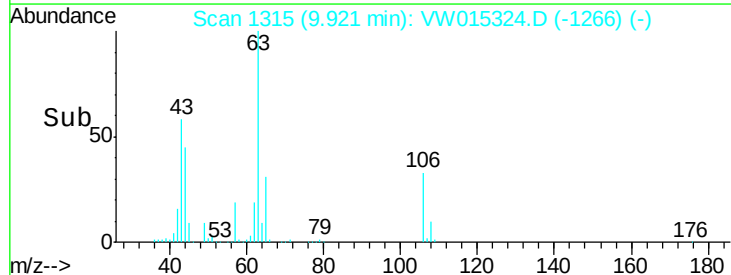
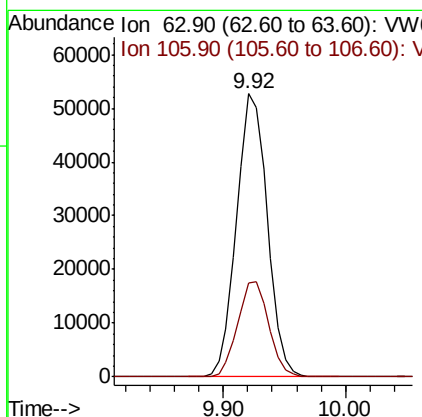
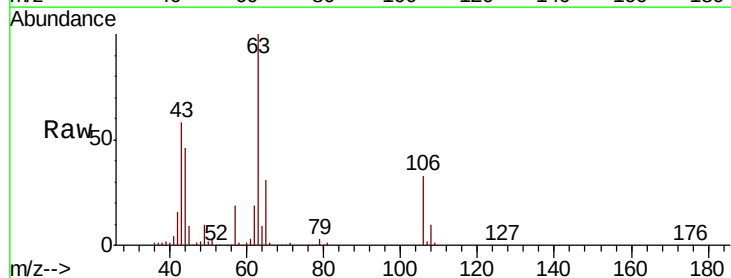
Instrument :
 MSVOA_W
 ClientSampleId :

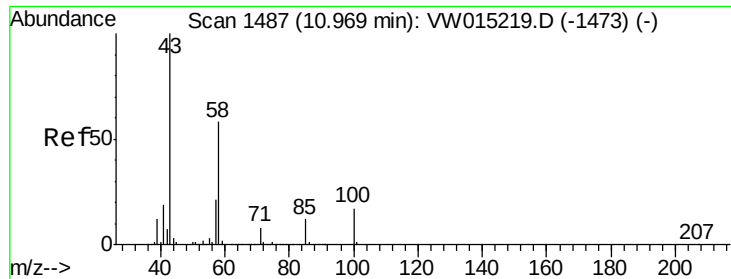
Tot Ion: 76 Resp: 54018
 Ion Ratio Lower Upper
 76 100
 78 31.5 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.752 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW015324.D
 Acq: 23 Apr 2020 11:43

Tgt Ion: 63 Resp: 92077
 Ion Ratio Lower Upper
 63 100
 106 34.0 22.6 33.8#

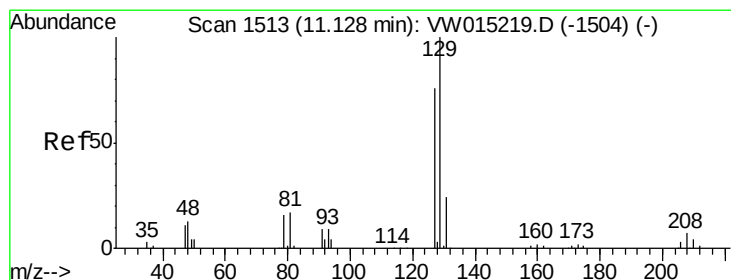
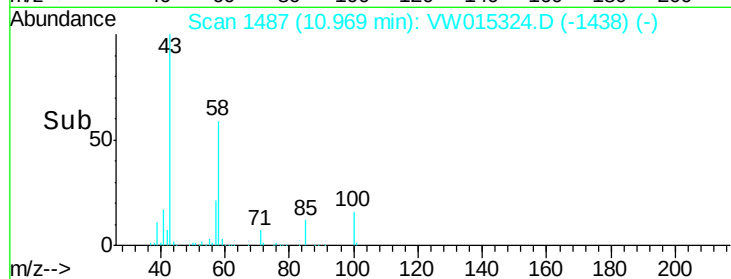
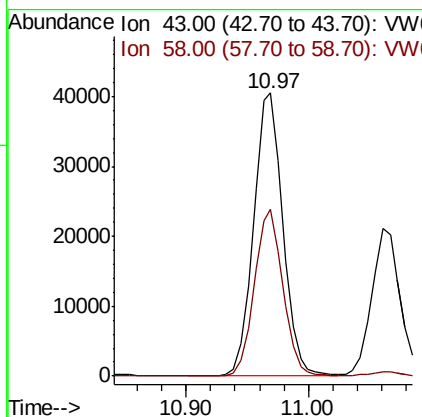
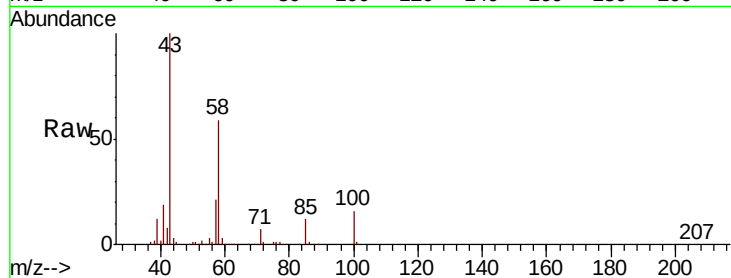




#59
2-Hexanone
Concen: 95.549 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

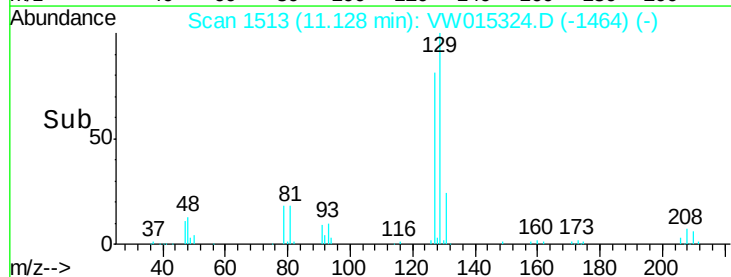
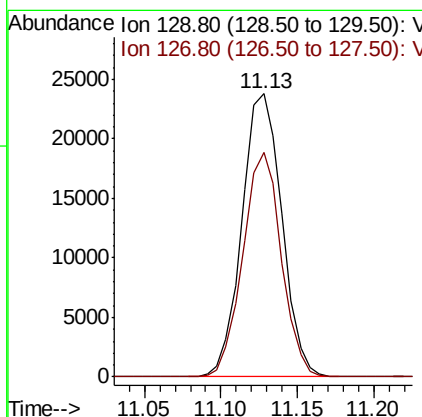
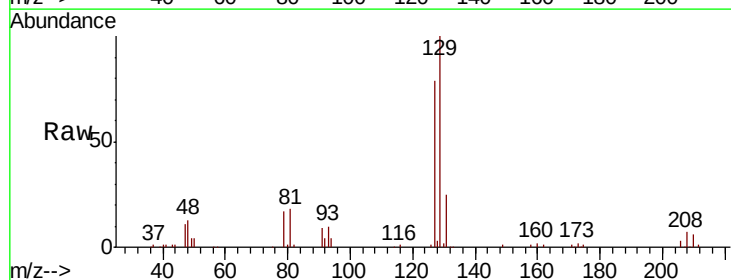
Instrument :
MSVOA_W
ClientSampled :

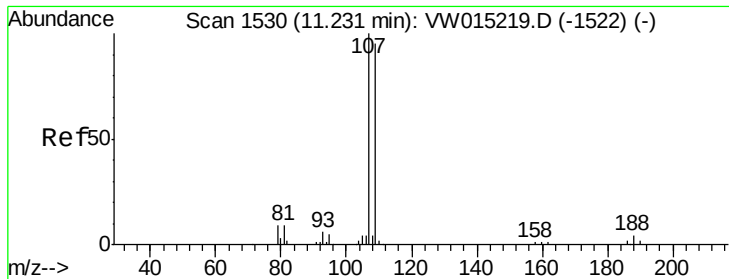
Tot Ion: 43 Resp: 67618
Ion Ratio Lower Upper
43 100
58 57.5 28.1 84.3



#60
Dibromochloromethane
Concen: 20.940 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Tgt Ion: 129 Resp: 43164
Ion Ratio Lower Upper
129 100
127 76.4 38.3 114.8

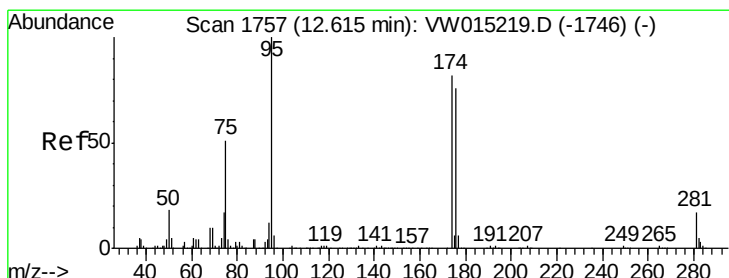
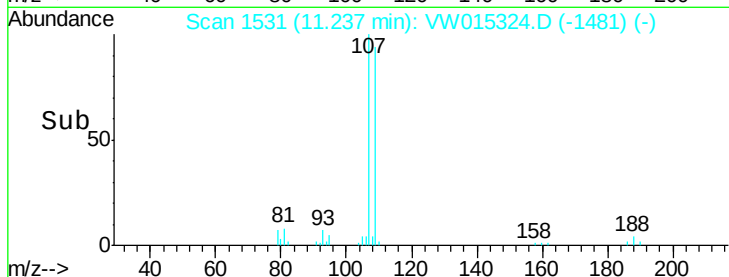
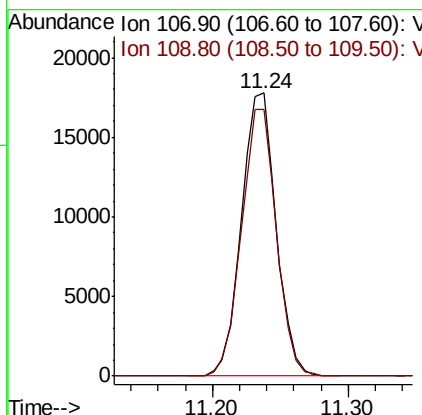
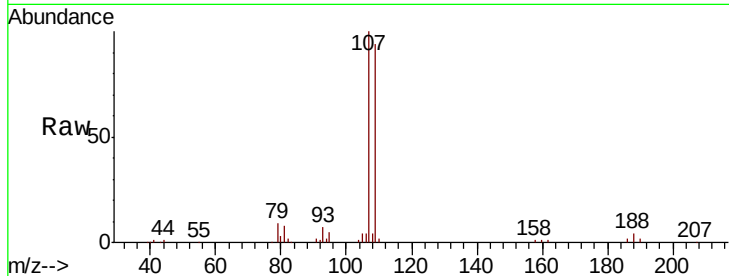




#61
 1,2-Dibromoethane
 Concen: 20.740 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: VW015324.D
 Acq: 23 Apr 2020 11:43

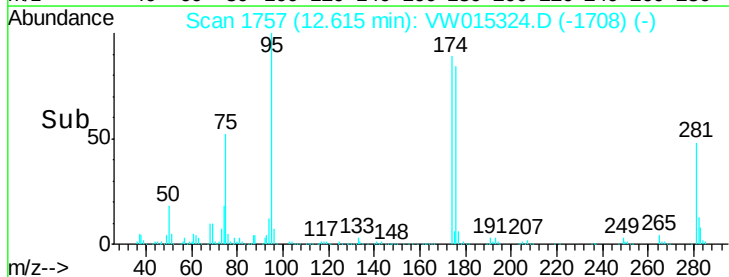
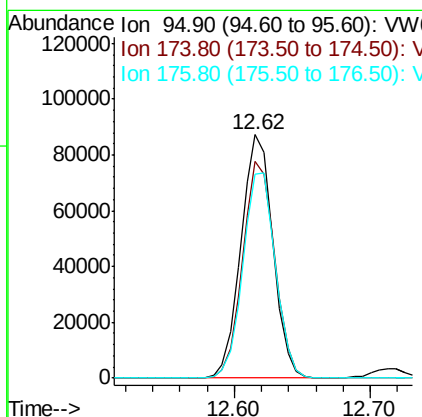
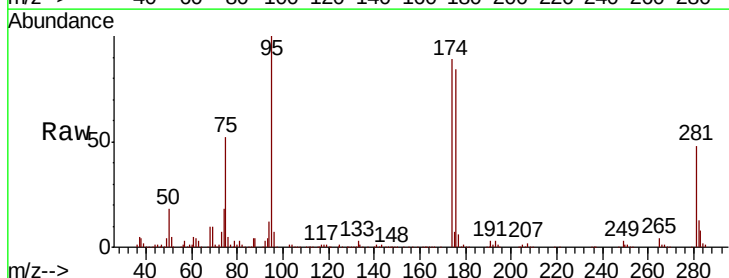
Instrument :
 MSVOA_W
 ClientSampleId :

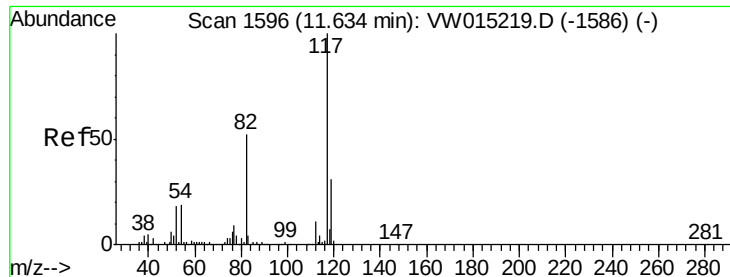
Tot Ion:107 Resp: 31594
 Ion Ratio Lower Upper
 107 100
 109 95.1 74.3 111.5



#62
 4-Bromofluorobenzene
 Concen: 46.690 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW015324.D
 Acq: 23 Apr 2020 11:43

Tgt Ion: 95 Resp: 142697
 Ion Ratio Lower Upper
 95 100
 174 89.6 0.0 144.4
 176 86.4 0.0 140.6

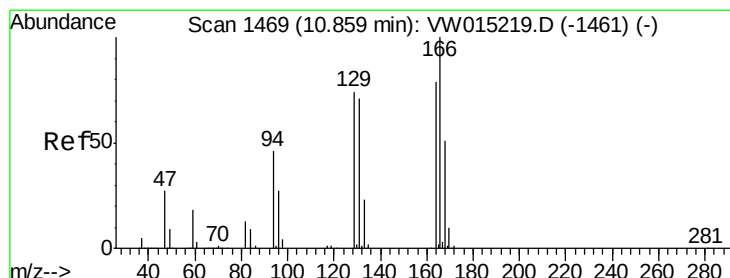
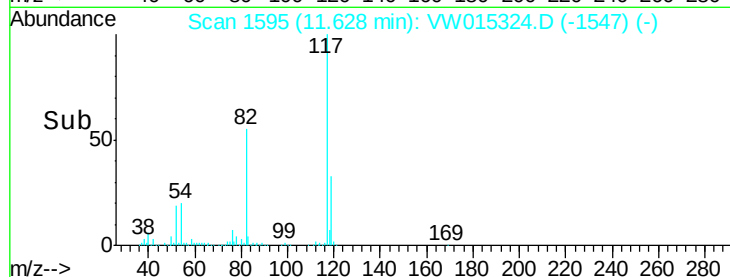
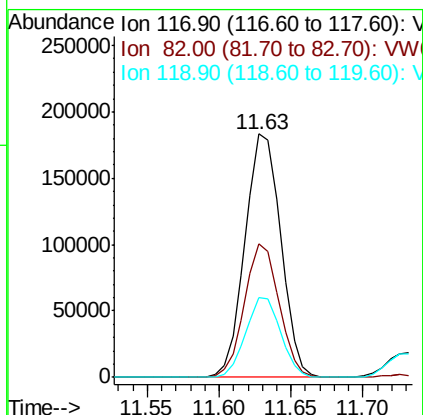
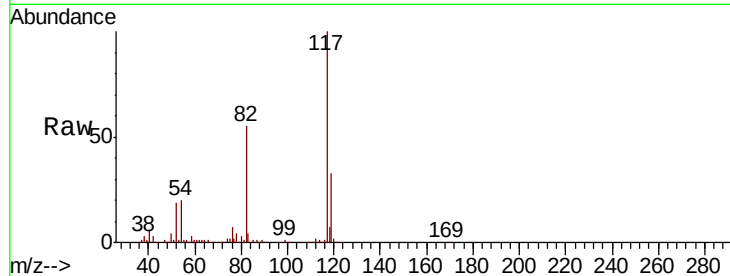




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

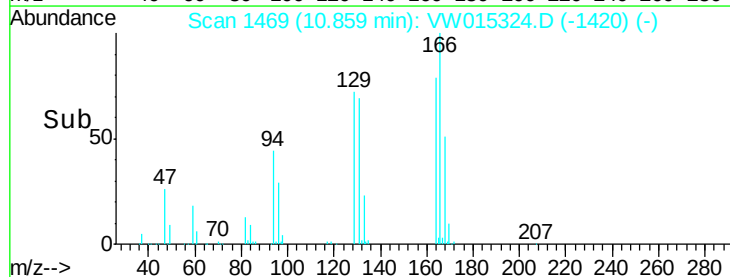
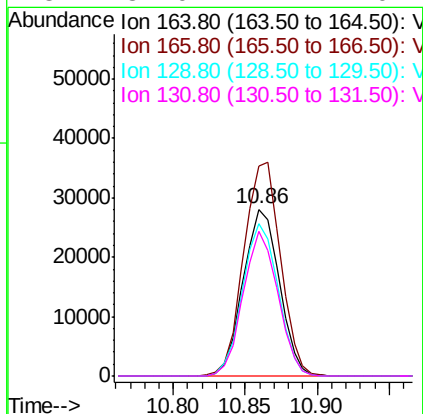
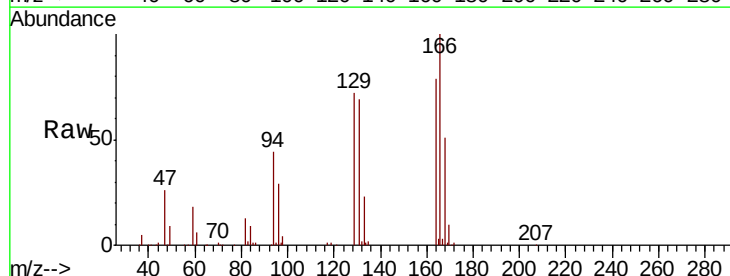
Instrument :
MSVOA_W
ClientSampleId :

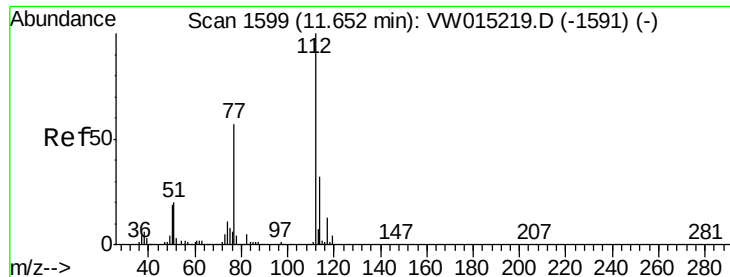
Tot Ion:117 Resp: 315992
Ion Ratio Lower Upper
117 100
82 54.8 44.1 66.1
119 32.9 24.9 37.3



#64
Tetrachloroethene
Concen: 21.662 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Tgt Ion:164 Resp: 48853
Ion Ratio Lower Upper
164 100
166 126.1 102.6 154.0
129 91.3 80.2 120.2
131 87.0 77.4 116.2

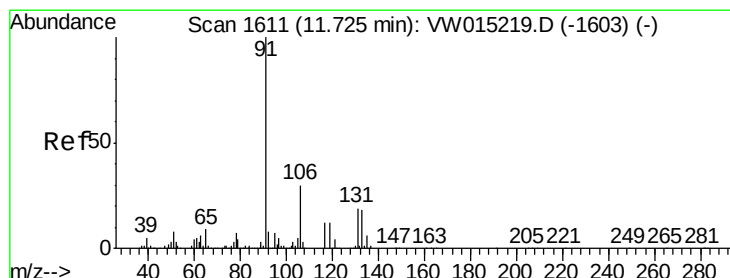
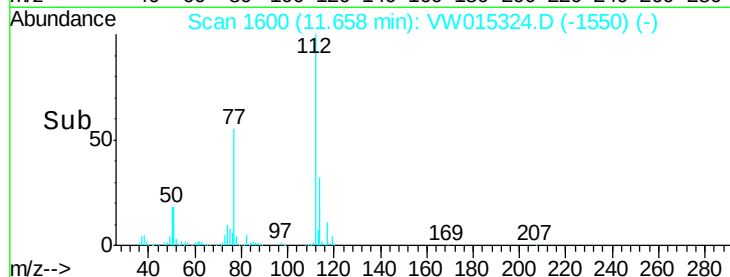
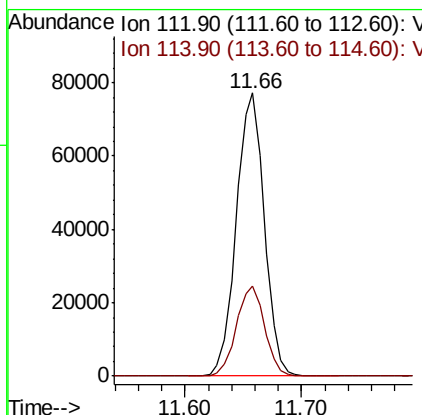
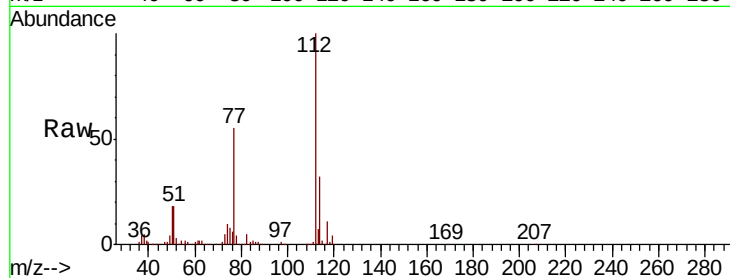




#65
Chlorobenzene
Concen: 20.860 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

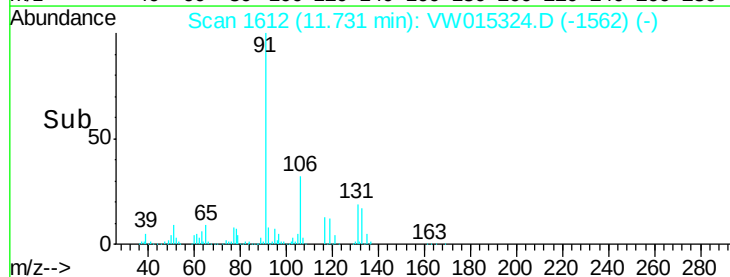
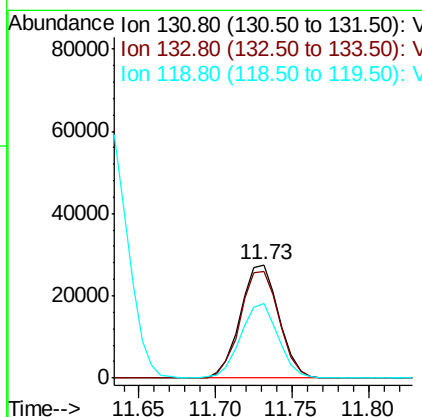
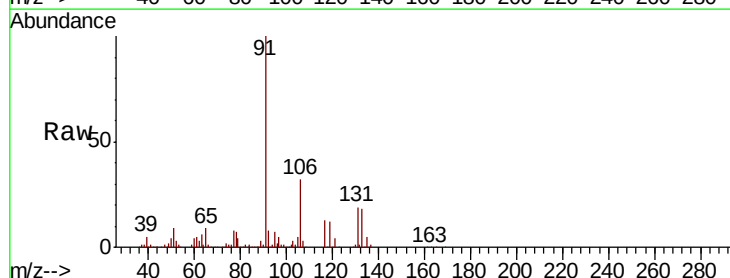
Instrument :
MSVOA_W
ClientSampleId :

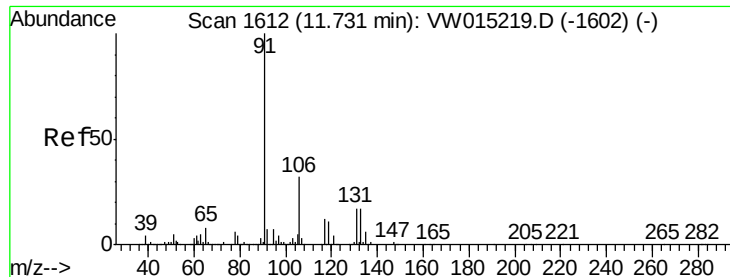
Tot Ion:112 Resp: 129344
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.591 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.01 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Tgt Ion:131 Resp: 48119
Ion Ratio Lower Upper
131 100
133 95.1 47.7 143.1
119 64.8 34.0 101.8

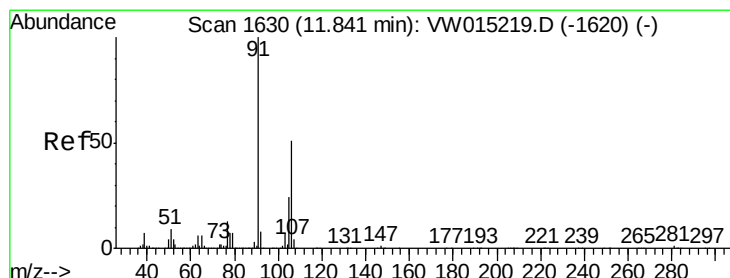
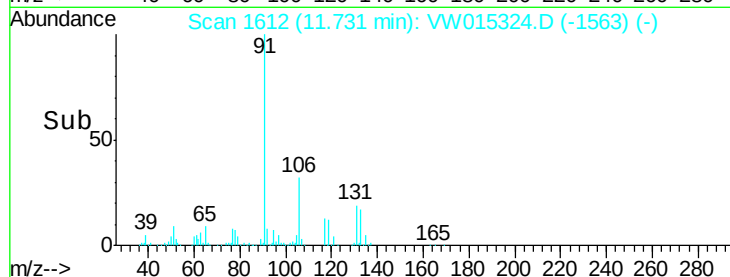
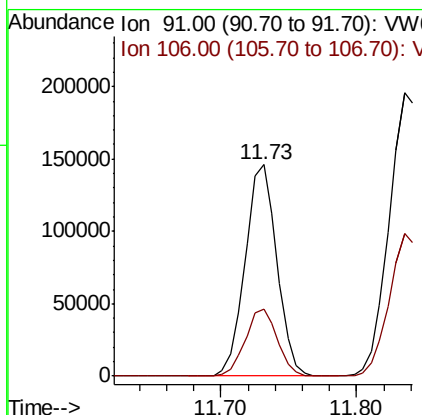
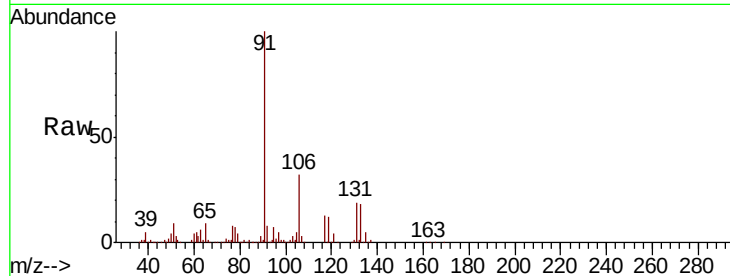




#67
Ethyl Benzene
Concen: 20.610 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

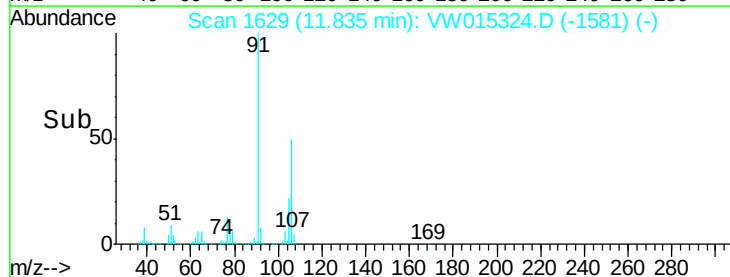
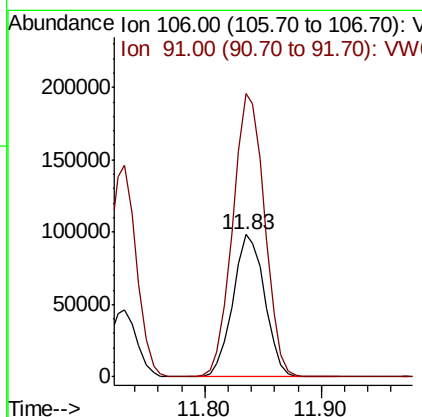
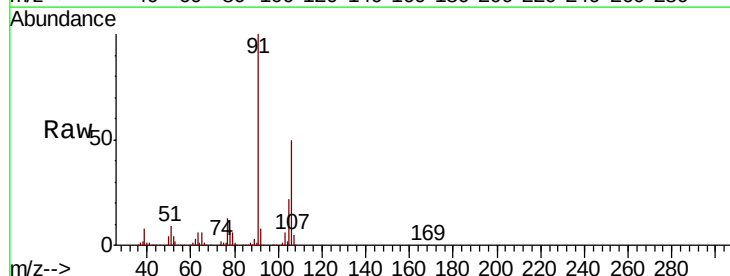
Instrument :
MSVOA_W
ClientSampleId :

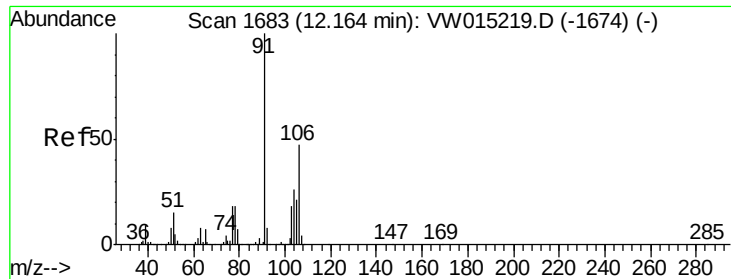
Tot Ion: 91 Resp: 238318
Ion Ratio Lower Upper
91 100
106 31.7 25.7 38.5



#68
m/p-Xylenes
Concen: 41.327 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Tgt Ion: 106 Resp: 187316
Ion Ratio Lower Upper
106 100
91 200.0 160.0 240.0

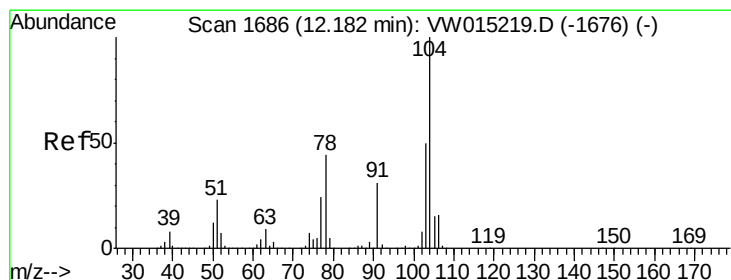
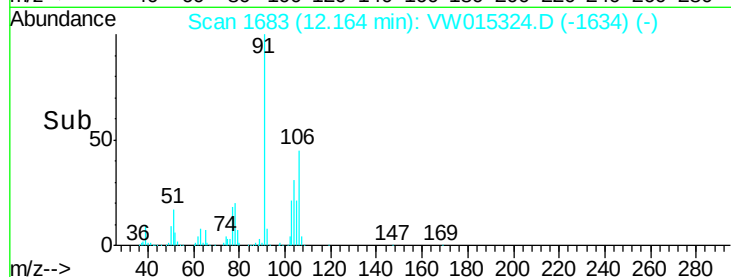
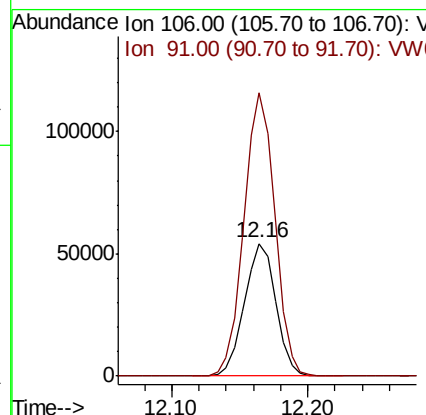
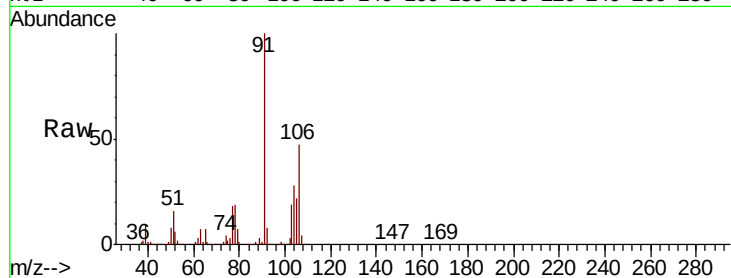




#69
o-Xylene
Concen: 20.712 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

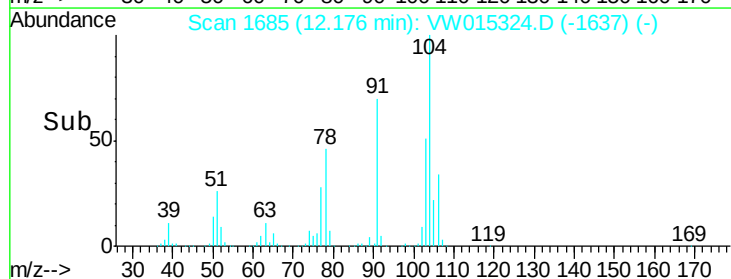
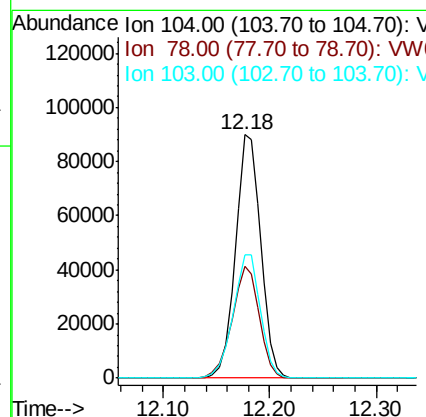
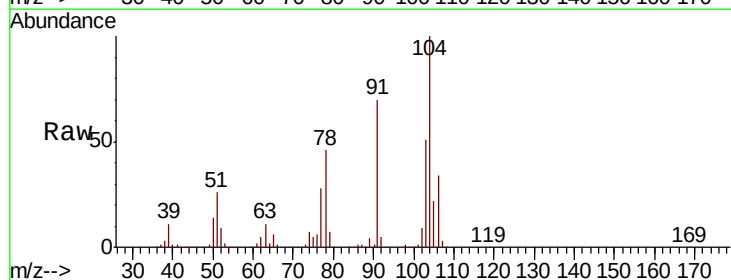
Instrument :
MSVOA_W
ClientSampled :

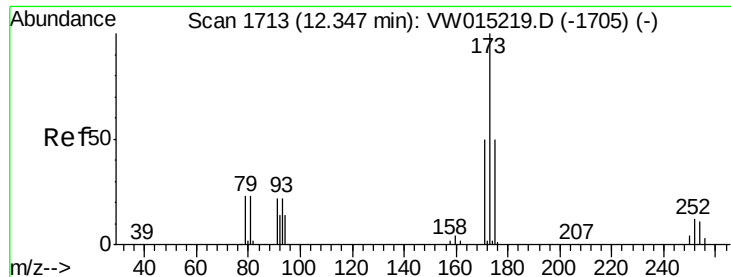
Tot Ion:106 Resp: 87625
Ion Ratio Lower Upper
106 100
91 210.9 105.7 317.1



#70
Styrene
Concen: 20.752 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Tgt Ion:104 Resp: 149652
Ion Ratio Lower Upper
104 100
78 49.1 39.8 59.6
103 54.6 43.8 65.6





#71

Bromoform

Concen: 20.338 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Instrument :

MSVOA_W

ClientSampleId :

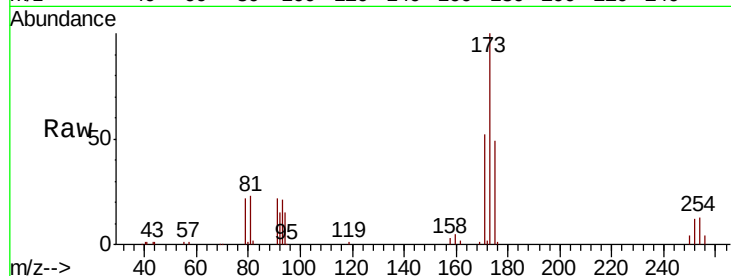
Tot Ion:173 Resp: 25539

Ion Ratio Lower Upper

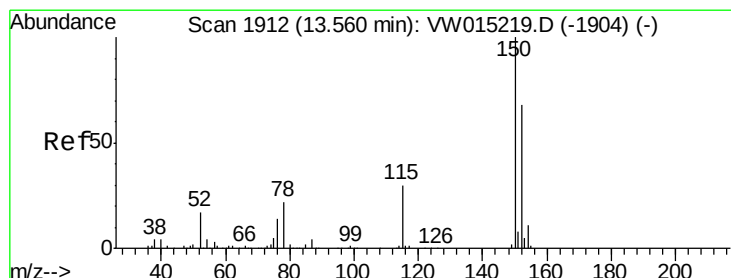
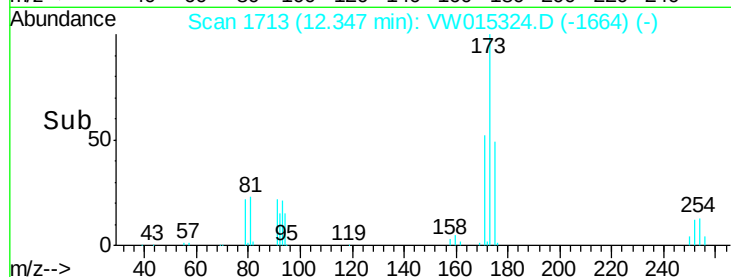
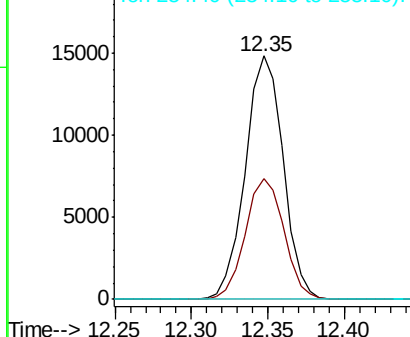
173 100

175 50.5 25.1 75.4

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

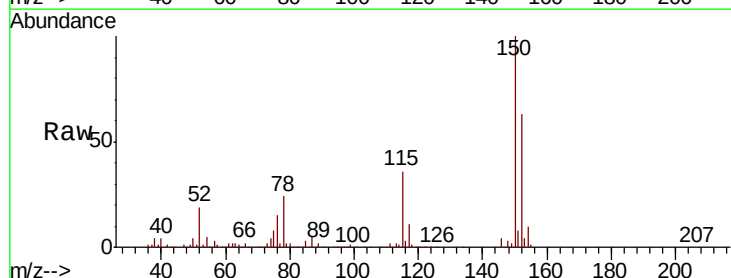
Tgt Ion:152 Resp: 176924

Ion Ratio Lower Upper

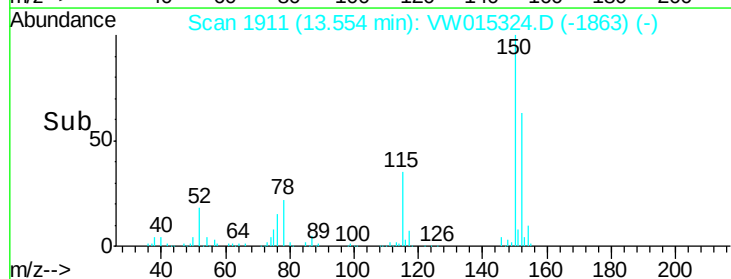
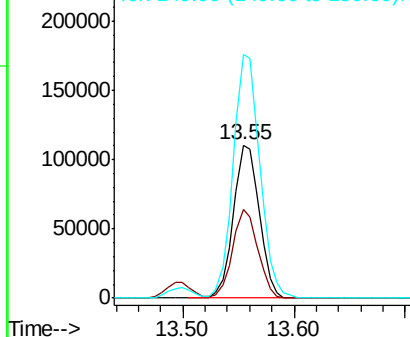
152 100

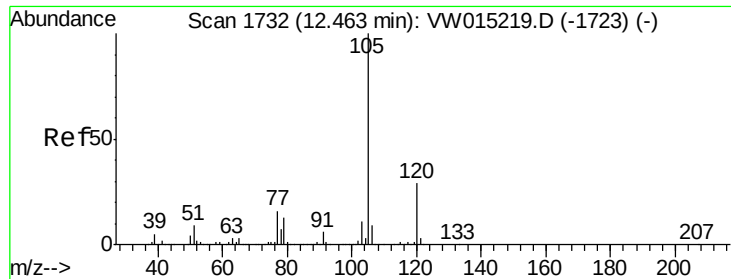
115 56.7 31.3 93.9

150 164.6 0.0 343.4



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





#73

Isopropylbenzene

Concen: 20.211 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Instrument :

MSVOA_W

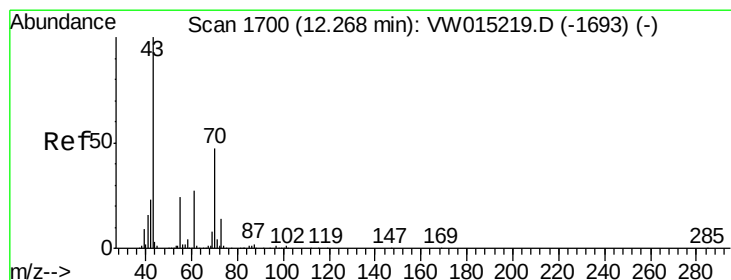
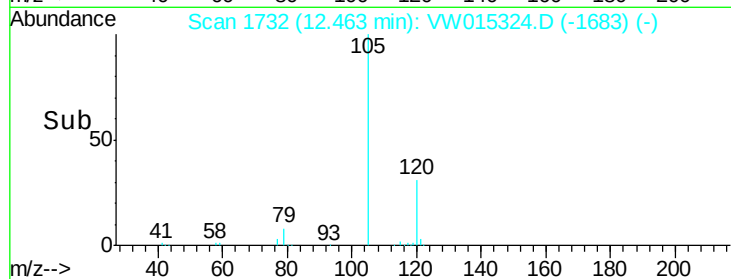
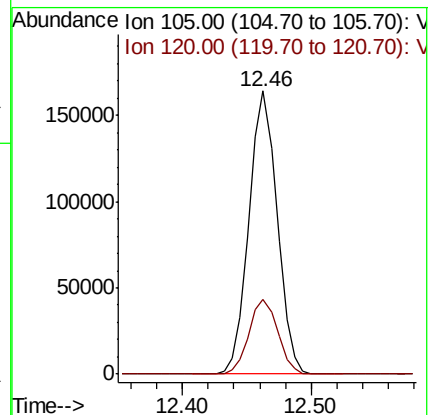
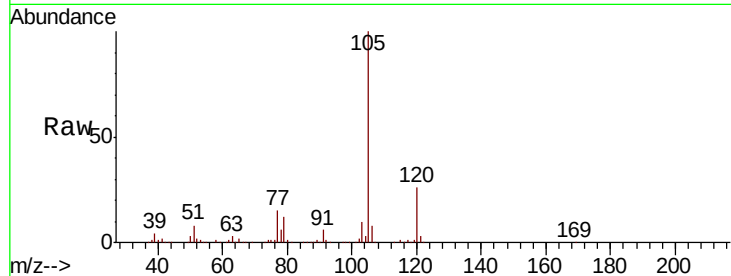
ClientSampleId :

Tot Ion:105 Resp: 247928

Ion Ratio Lower Upper

105 100

120 26.8 13.7 41.1



#74

N-ethyl acetate

Concen: 18.872 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.01 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Tgt Ion: 43 Resp: 40274

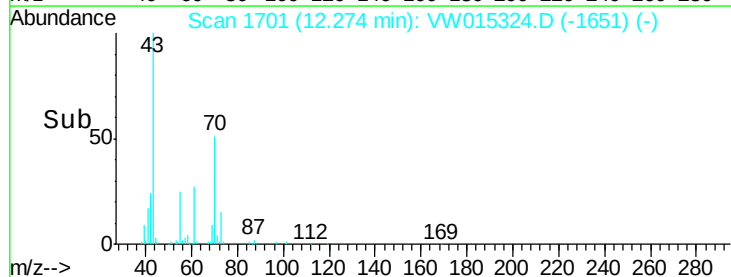
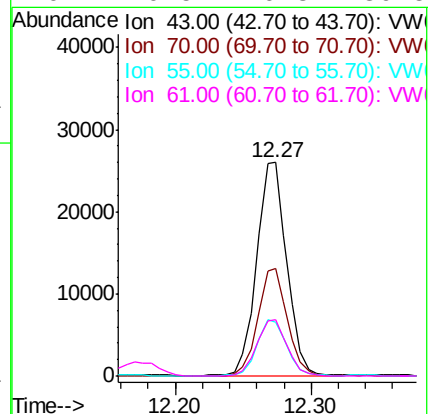
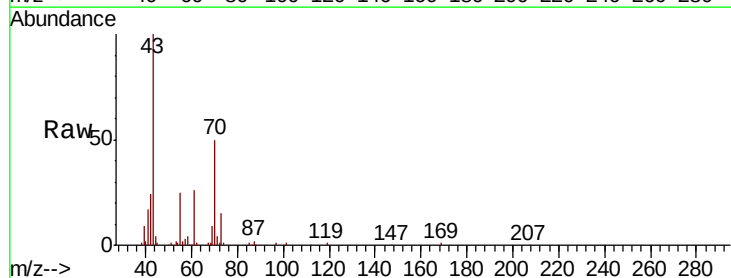
Ion Ratio Lower Upper

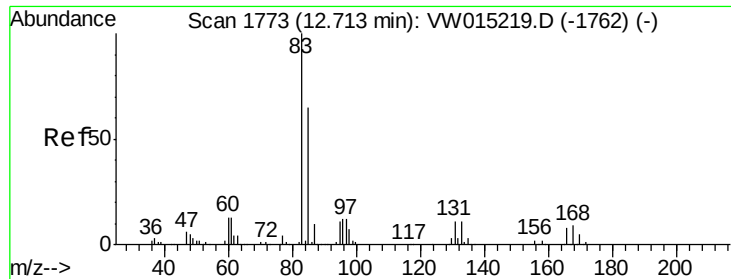
43 100

70 49.5 35.4 53.2

55 26.4 18.5 27.7

61 26.5 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.275 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Instrument :

MSVOA_W

ClientSampled :

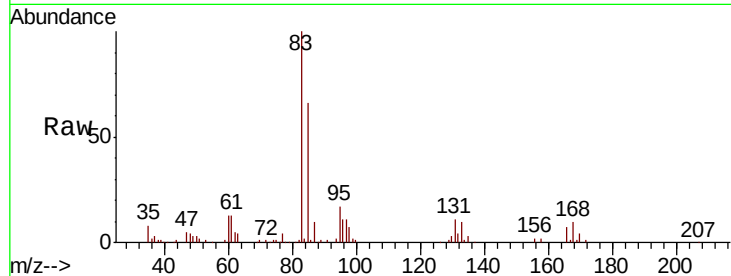
Tot Ion: 83 Resp: 33571

Ion Ratio Lower Upper

83 100

131 12.0 5.1 15.2

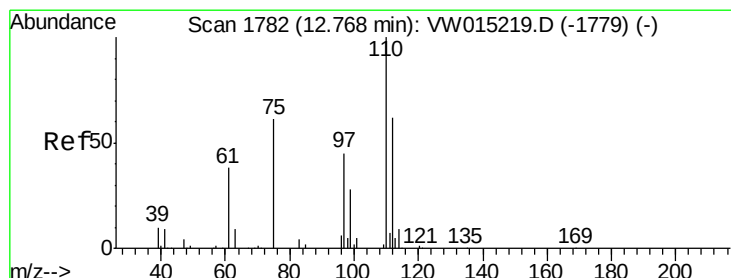
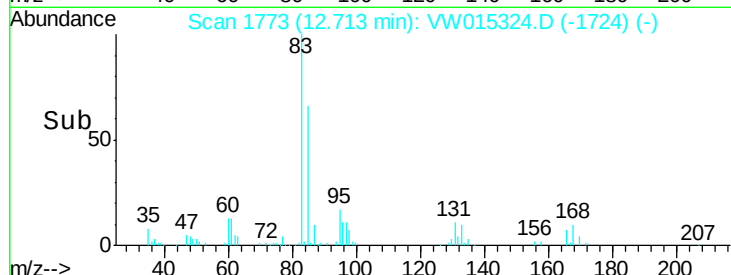
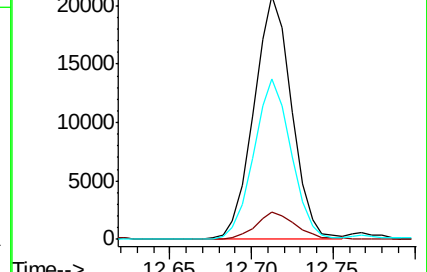
85 65.1 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 33.427 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015324.D

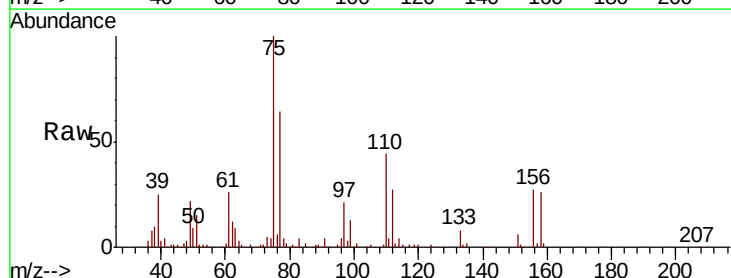
Acq: 23 Apr 2020 11:43

Tgt Ion: 75 Resp: 45752

Ion Ratio Lower Upper

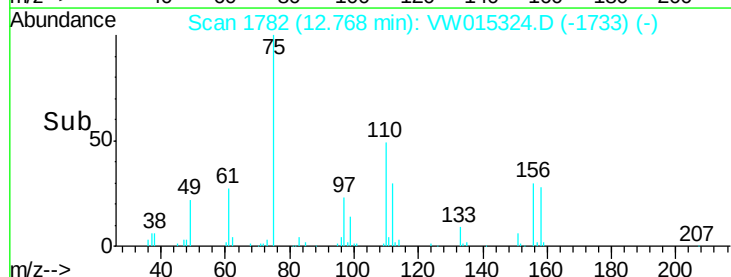
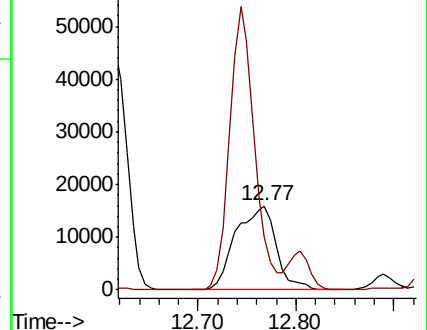
75 100

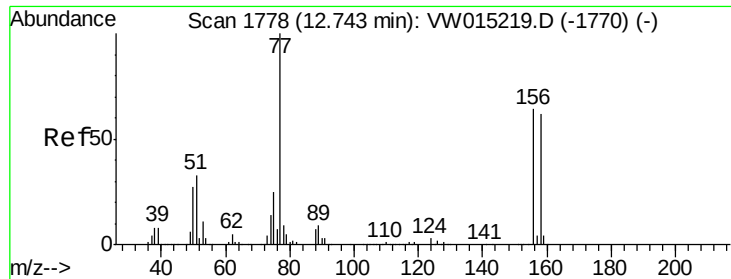
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.666 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Instrument :

MSVOA_W

ClientSampleId :

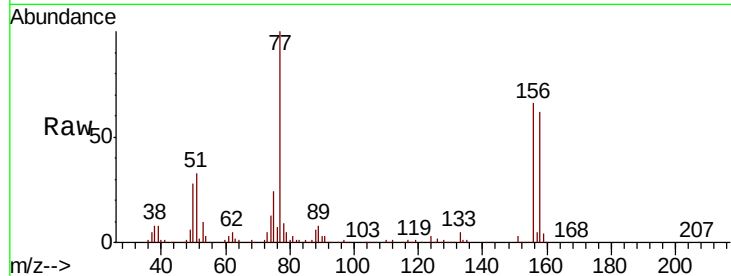
Tot Ion:156 Resp: 58242

Ion Ratio Lower Upper

156 100

77 163.9 100.5 301.5

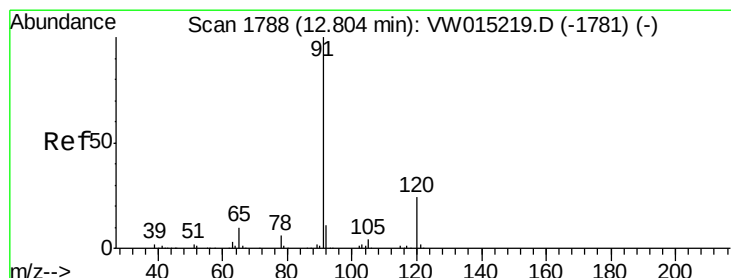
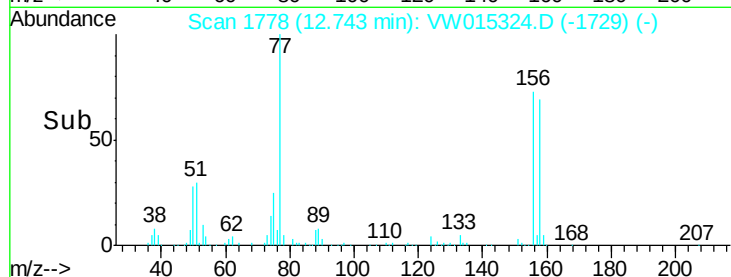
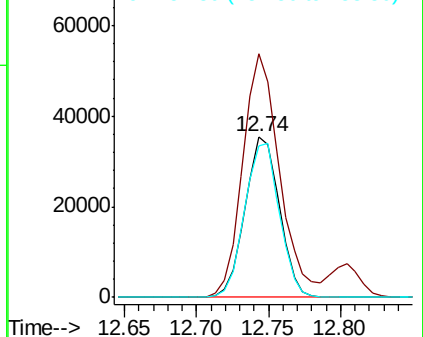
158 97.2 47.9 143.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.737 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015324.D

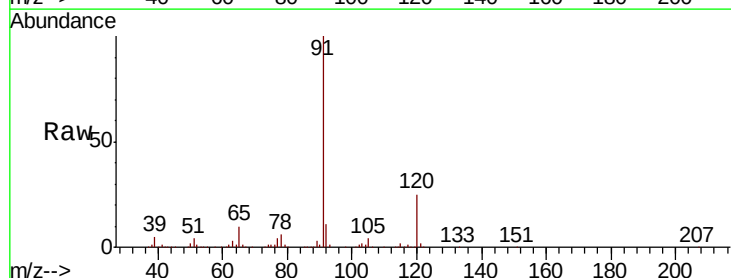
Acq: 23 Apr 2020 11:43

Tgt Ion: 91 Resp: 281893

Ion Ratio Lower Upper

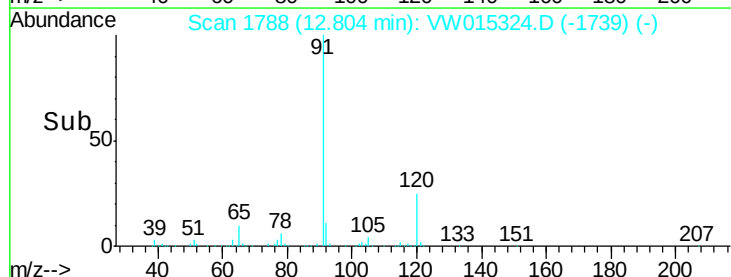
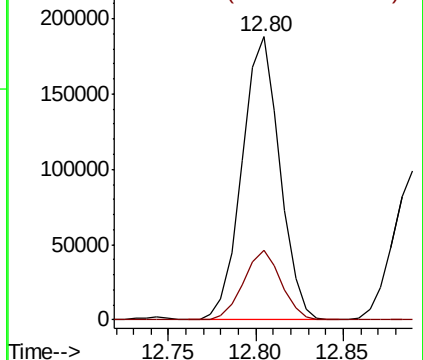
91 100

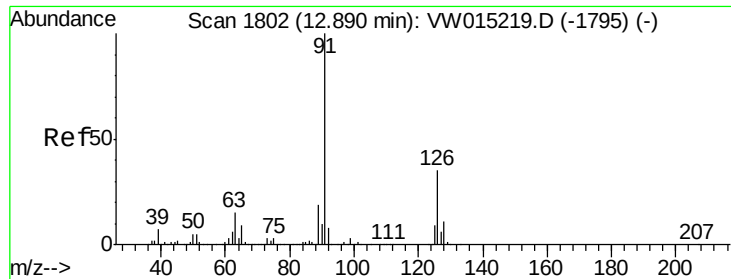
120 24.5 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.996 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Instrument :

MSVOA_W

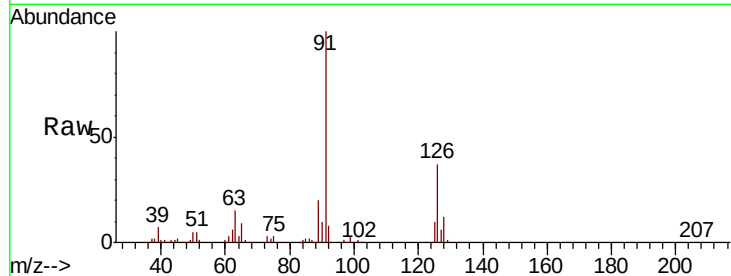
ClientSampled :

Tot Ion: 91 Resp: 160950

Ion Ratio Lower Upper

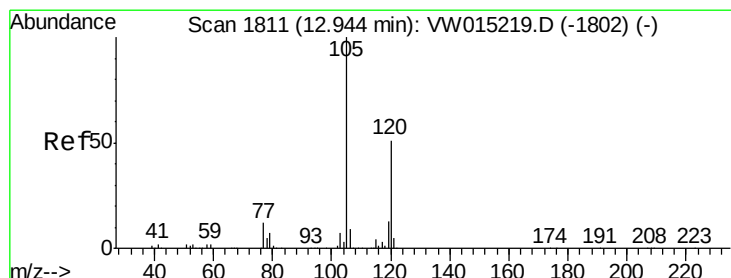
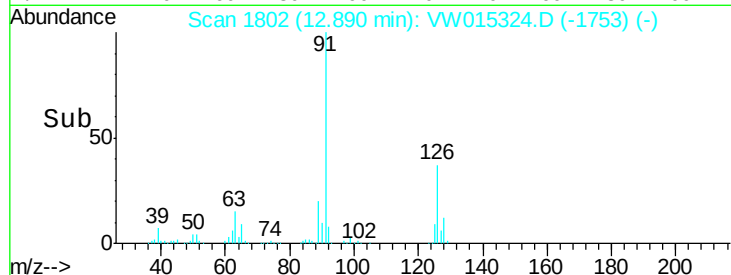
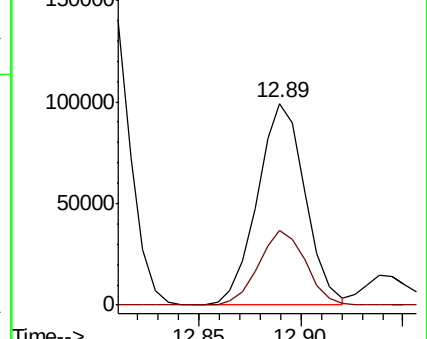
91 100

126 36.4 16.8 50.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.332 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW015324.D

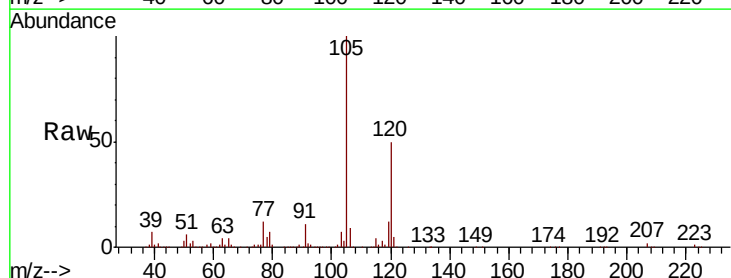
Acq: 23 Apr 2020 11:43

Tgt Ion:105 Resp: 214844

Ion Ratio Lower Upper

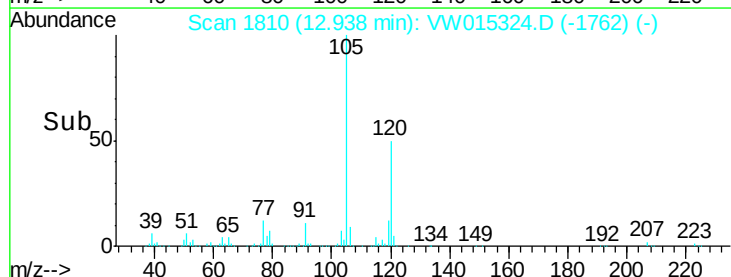
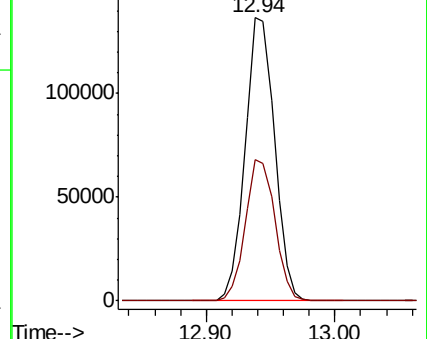
105 100

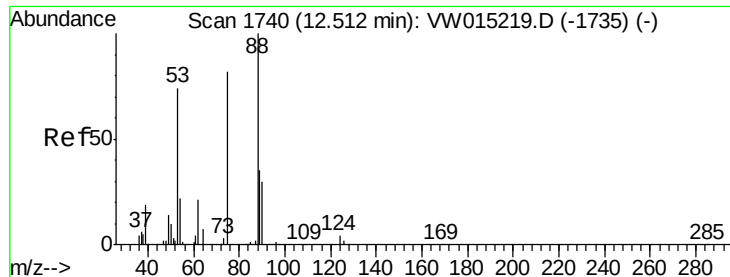
120 49.9 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

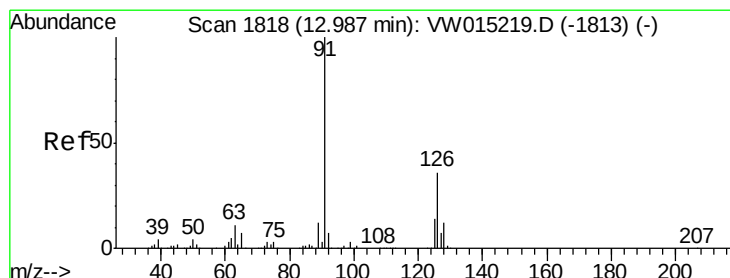
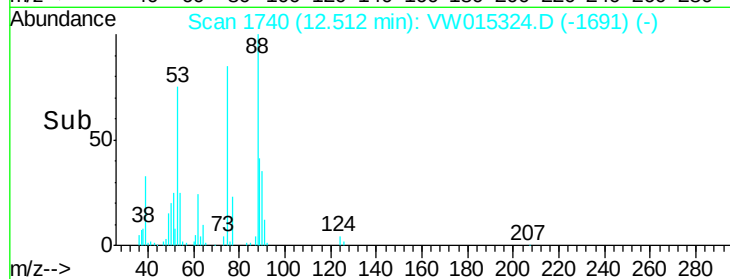
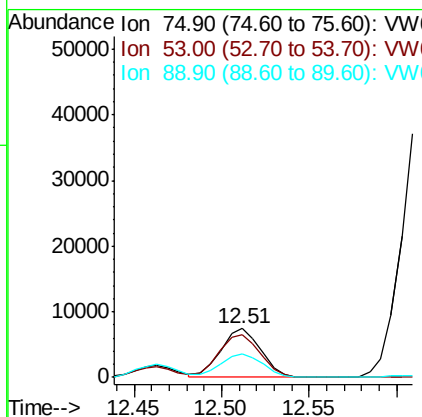
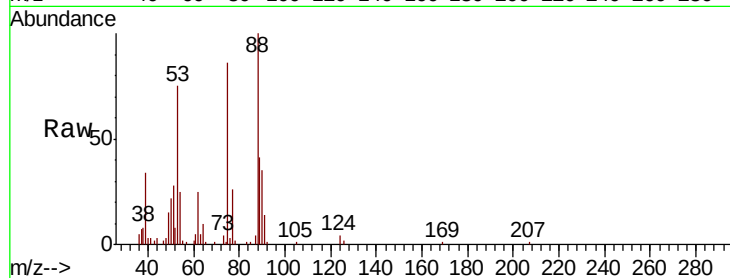




#81
trans-1,4-Dichloro-2-butene
Concen: 19.003 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

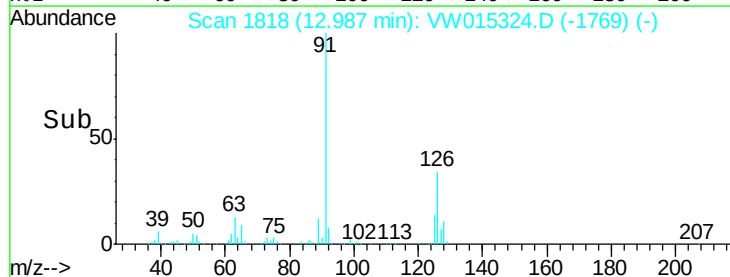
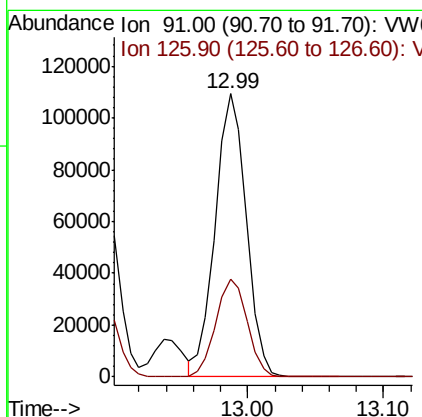
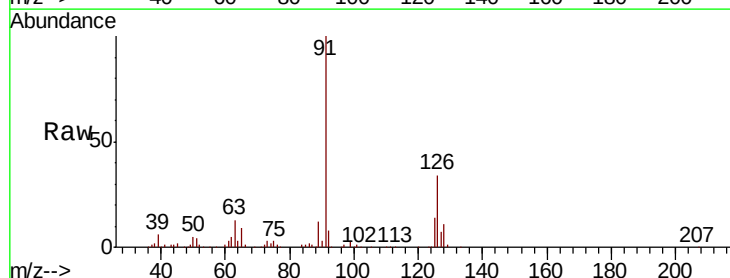
Instrument :
MSVOA_W
ClientSampleId :

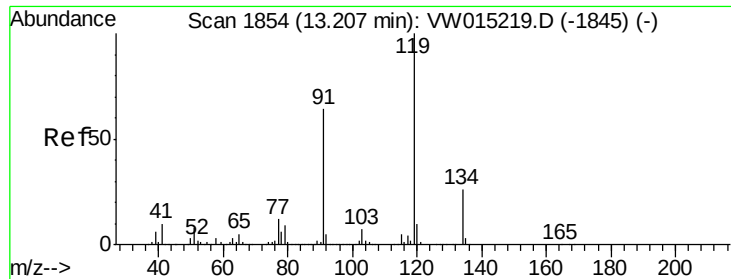
Tot Ion: 75 Resp: 11898
Ion Ratio Lower Upper
75 100
53 90.1 69.4 104.2
89 48.4 34.8 52.2



#82
4-Chlorotoluene
Concen: 20.253 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Tgt Ion: 91 Resp: 173088
Ion Ratio Lower Upper
91 100
126 35.1 16.8 50.3

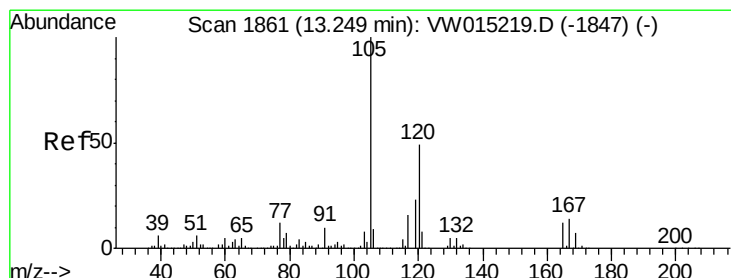
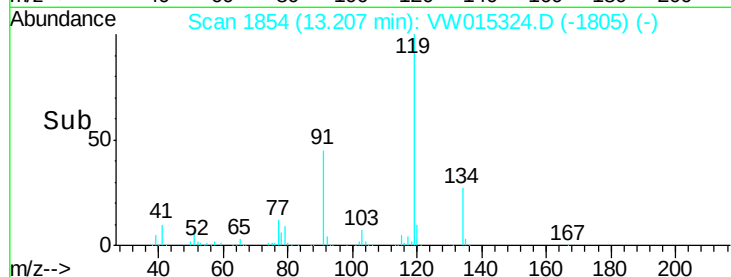
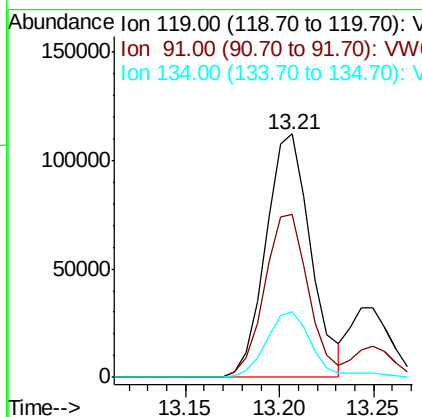
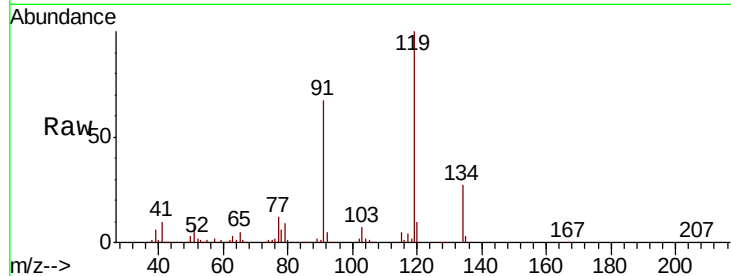




#83
 tert-Butylbenzene
 Concen: 20.042 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW015324.D
 Acq: 23 Apr 2020 11:43

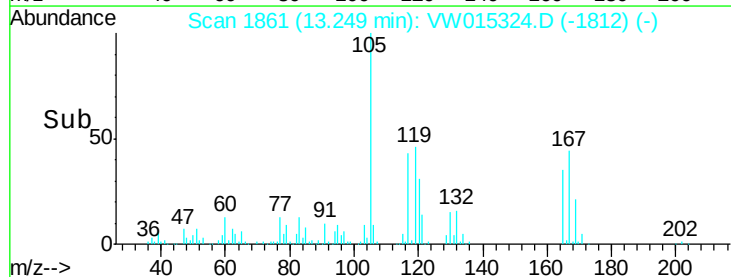
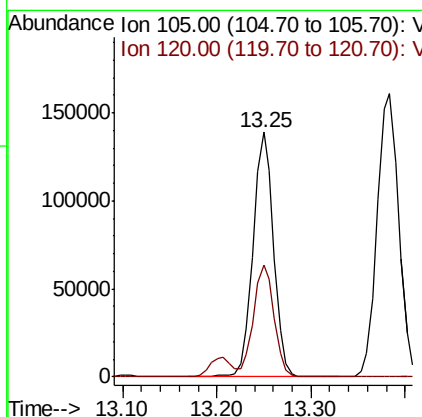
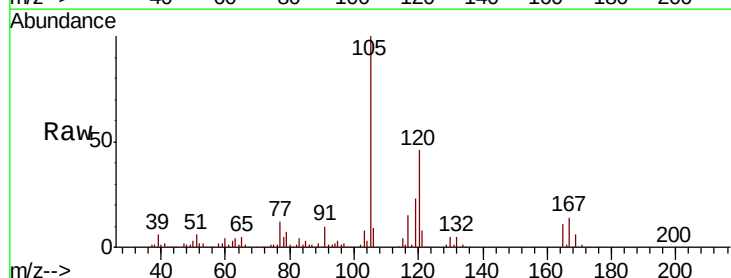
Instrument :
 MSVOA_W
 ClientSampled :

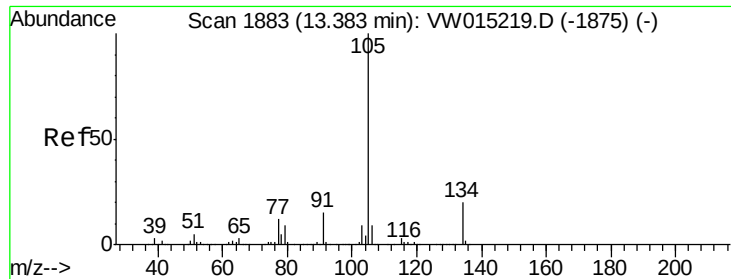
Tot Ion:119 Resp: 185105
 Ion Ratio Lower Upper
 119 100
 91 65.3 32.8 98.3
 134 27.8 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.520 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW015324.D
 Acq: 23 Apr 2020 11:43

Tgt Ion:105 Resp: 213872
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.0 69.0





#85

sec-Butylbenzene

Concen: 20.024 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Instrument :

MSVOA_W

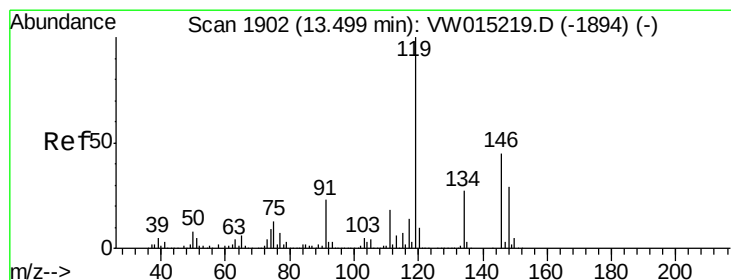
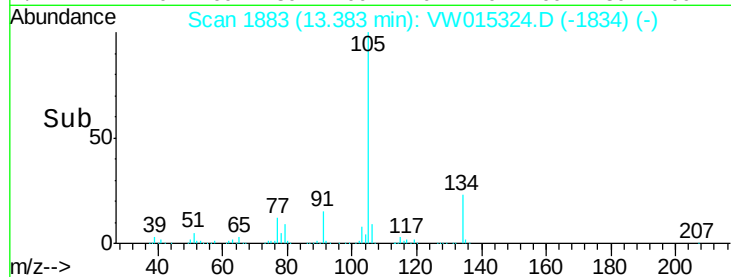
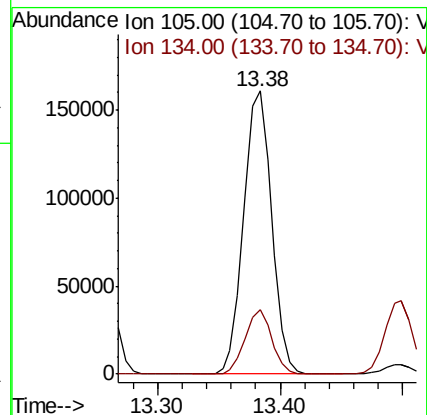
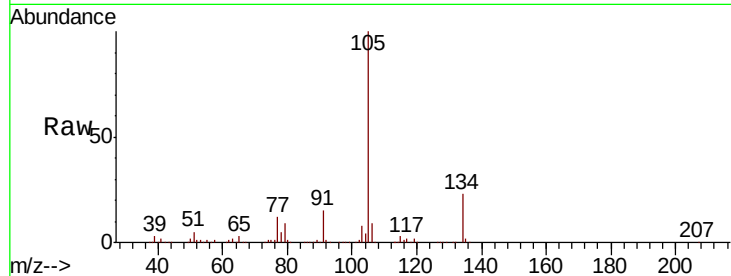
ClientSampleId :

Tot Ion:105 Resp: 255411

Ion Ratio Lower Upper

105 100

134 21.7 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.425 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

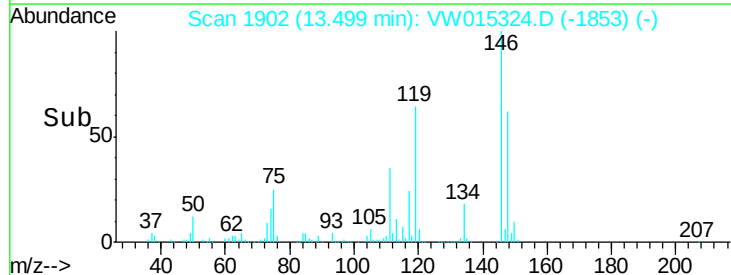
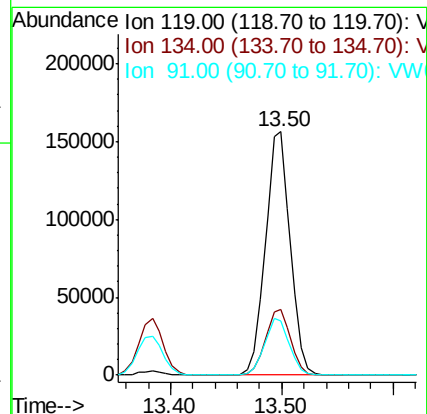
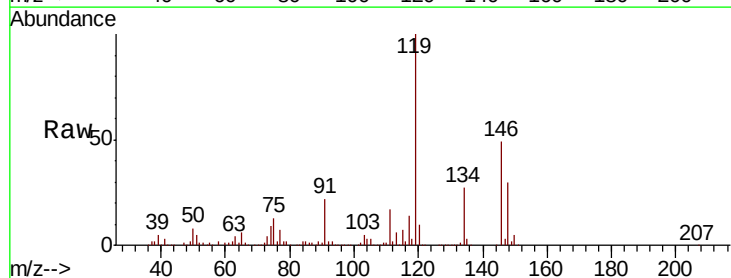
Tgt Ion:119 Resp: 242076

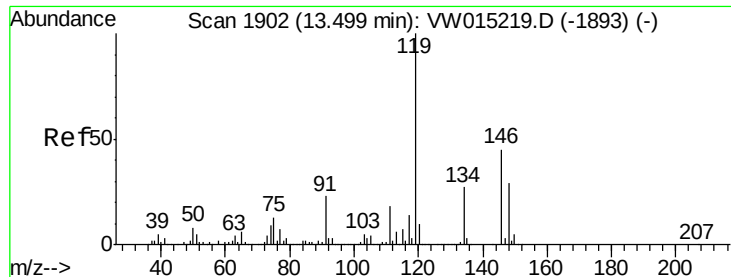
Ion Ratio Lower Upper

119 100

134 27.2 13.3 39.9

91 23.2 12.0 36.1

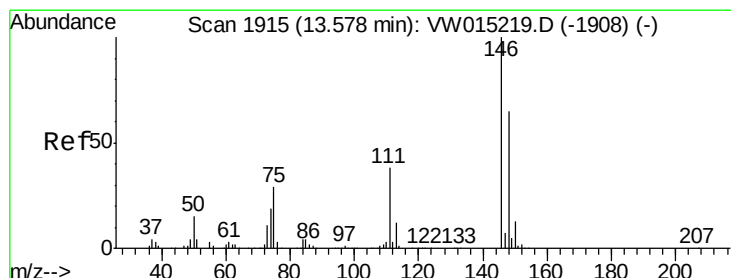
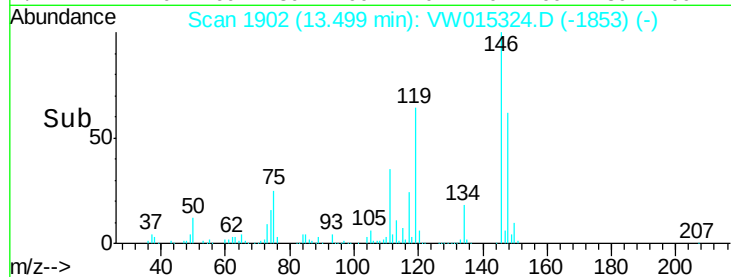
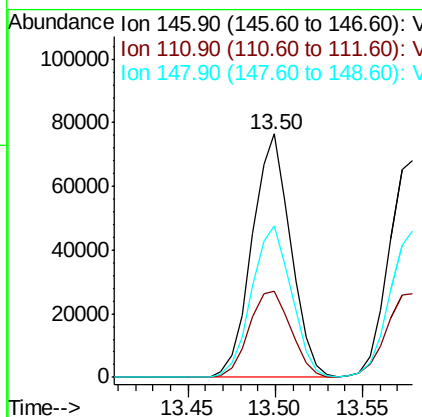
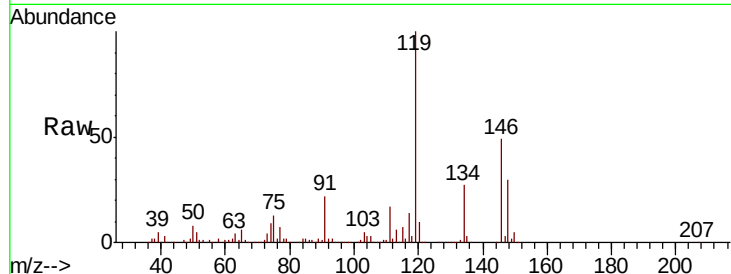




#87
 1,3-Dichlorobenzene
 Concen: 20.966 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015324.D
 Acq: 23 Apr 2020 11:43

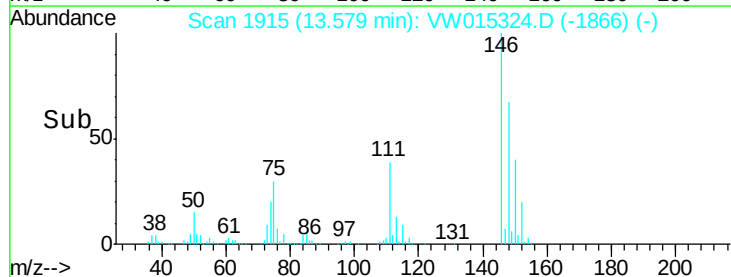
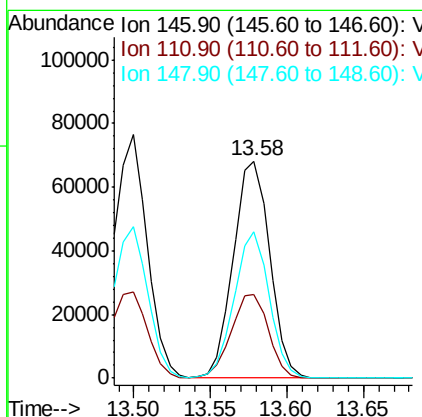
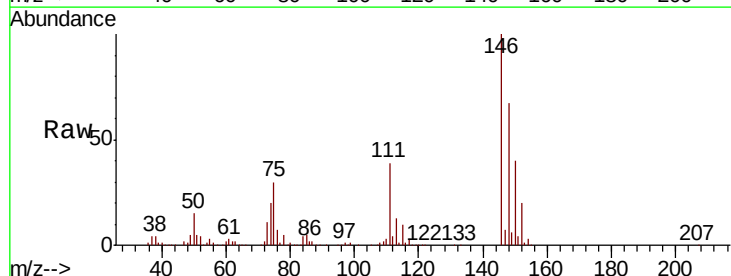
Instrument :
 MSVOA_W
 ClientSampled :

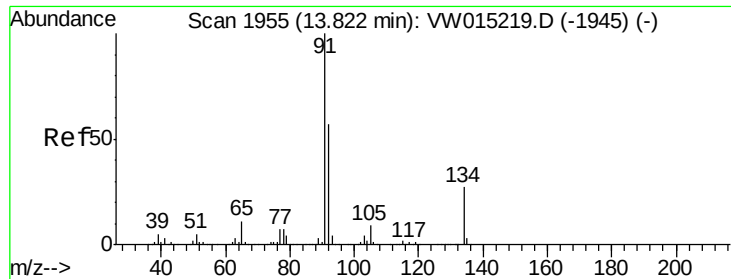
Tot Ion:146 Resp: 117404
 Ion Ratio Lower Upper
 146 100
 111 38.3 21.1 63.4
 148 63.9 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 20.613 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015324.D
 Acq: 23 Apr 2020 11:43

Tgt Ion:146 Resp: 113149
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.4 61.3
 148 64.7 31.5 94.5

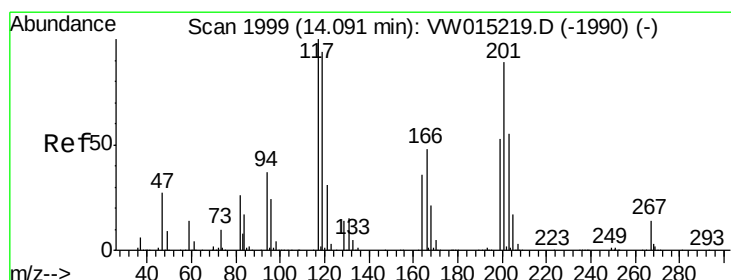
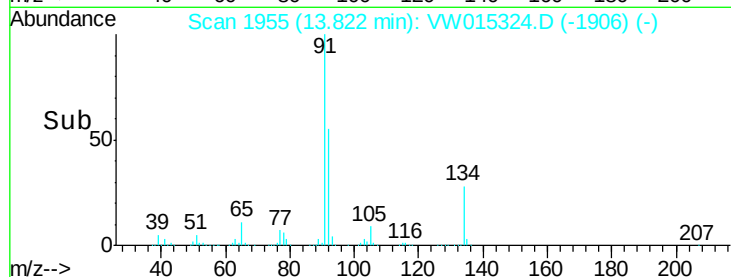
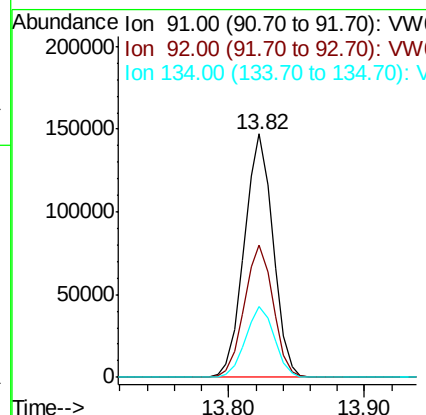
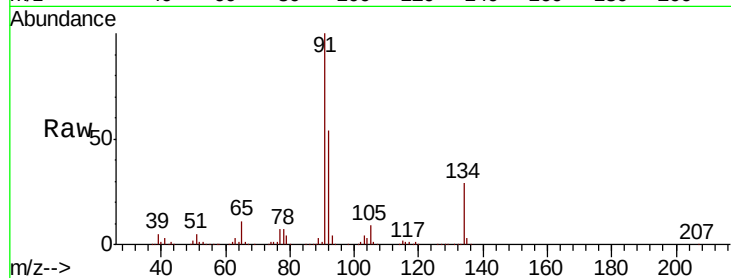




#89
n-Butylbenzene
Concen: 20.051 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

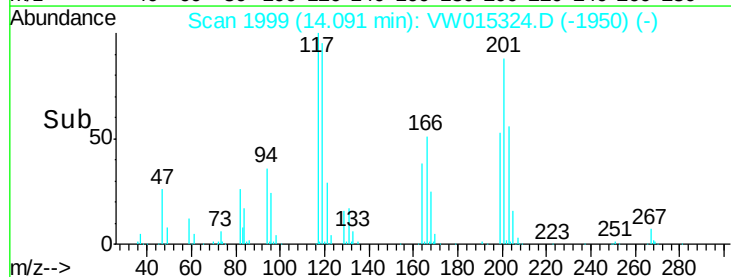
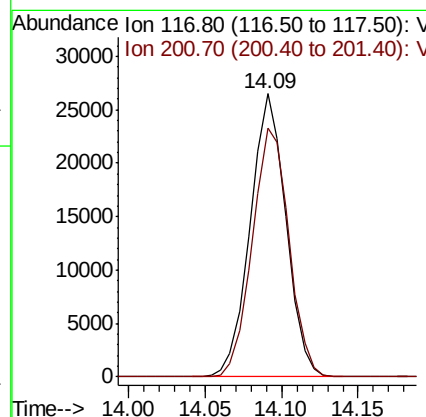
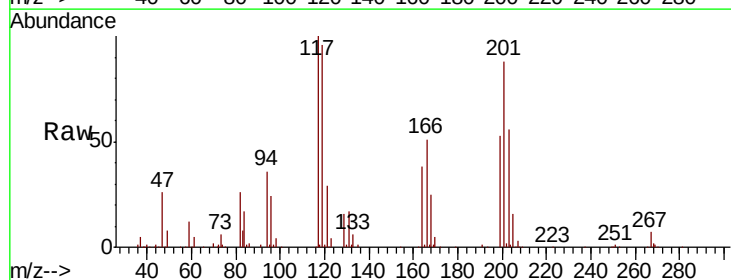
Instrument :
MSVOA_W
ClientSampleId :

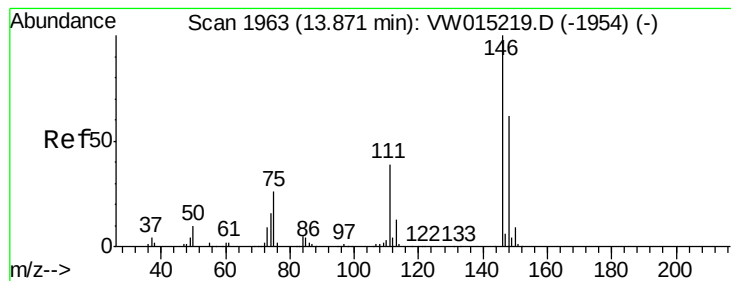
Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.6	82.7
134	29.0	12.8	38.3



#90
Hexachloroethane
Concen: 19.814 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.0	33.6	100.6





#91

1,2-Dichlorobenzene

Concen: 21.113 ug/l

RT: 13.87 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

Instrument :

MSVOA_W

ClientSampleId :

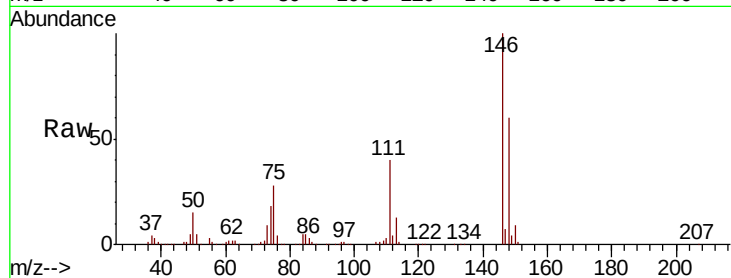
Tot Ion:146 Resp: 102736

Ion Ratio Lower Upper

146 100

111 39.8 21.6 65.0

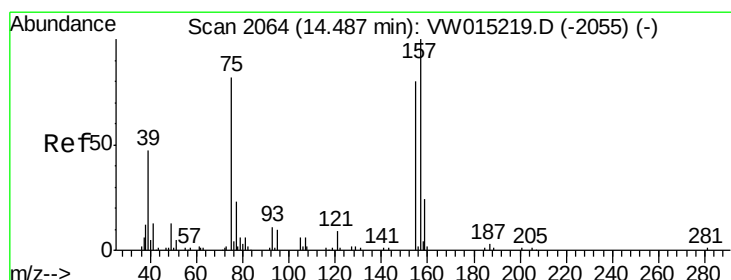
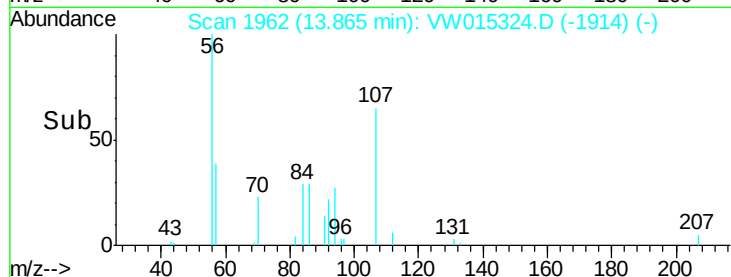
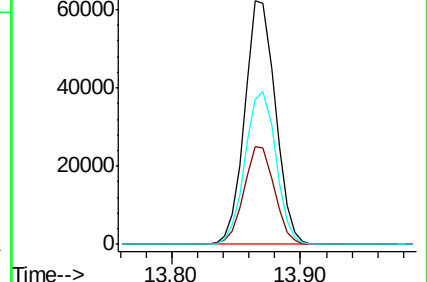
148 62.8 31.0 93.0



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: 19.550 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. -0.01 min

Lab File: VW015324.D

Acq: 23 Apr 2020 11:43

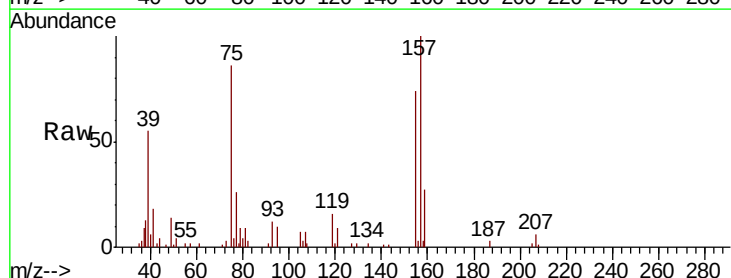
Tgt Ion: 75 Resp: 6162

Ion Ratio Lower Upper

75 100

155 93.3 41.6 124.9

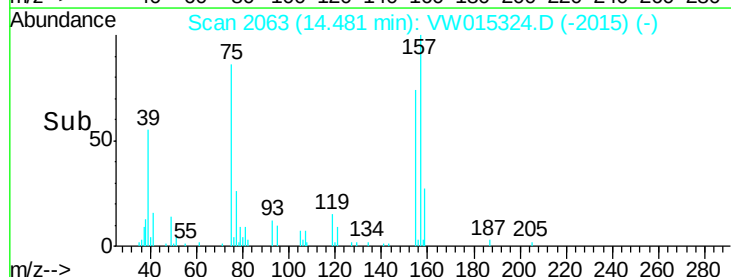
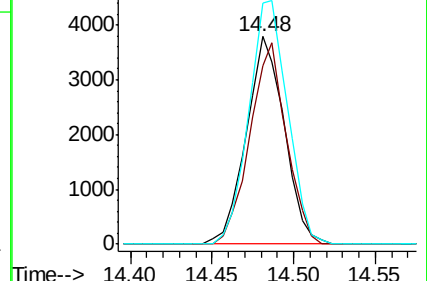
157 119.7 53.8 161.2

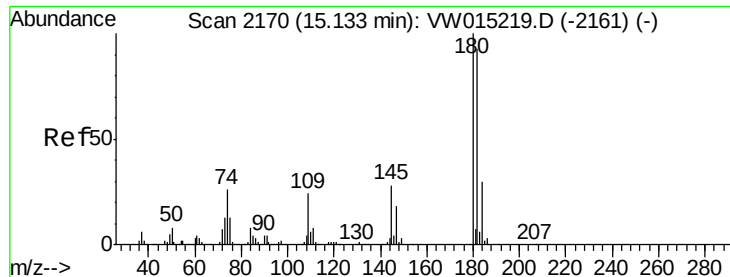


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

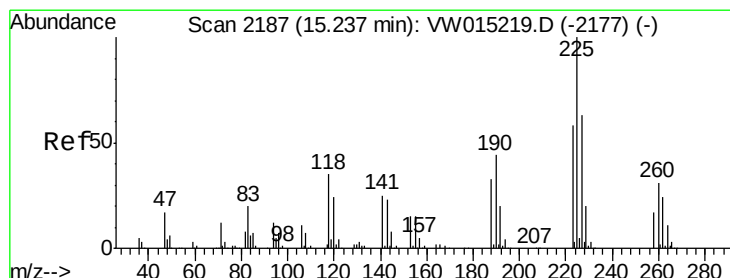
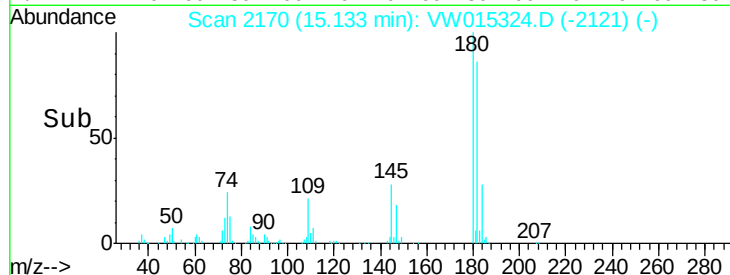
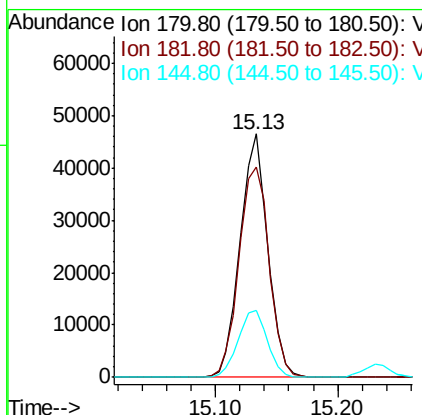
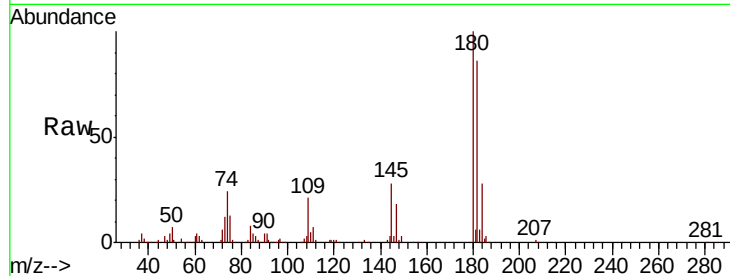




#93
 1,2,4-Trichlorobenzene
 Concen: 21.506 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015324.D
 Acq: 23 Apr 2020 11:43

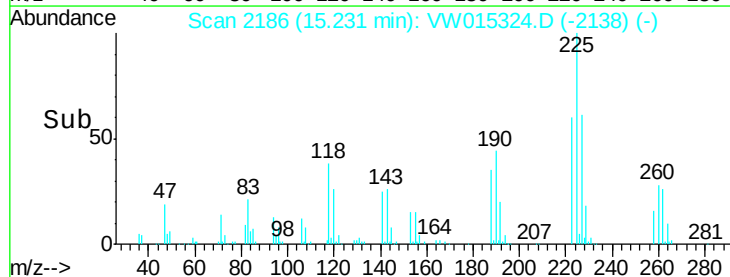
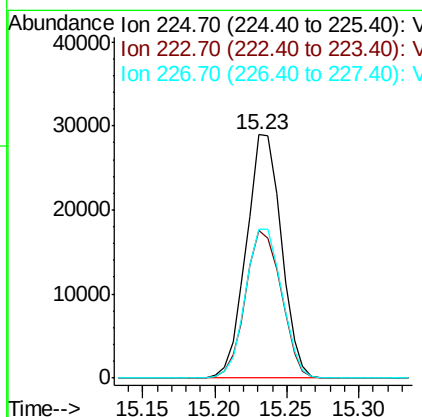
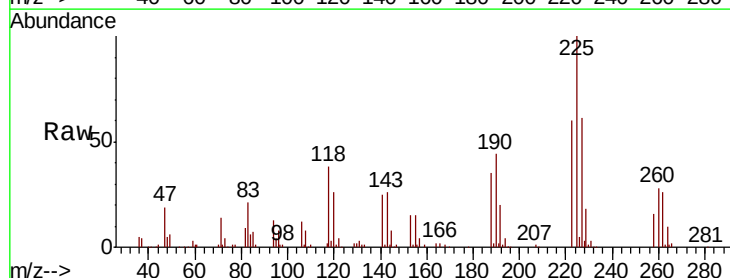
Instrument :
 MSVOA_W
 ClientSampleId :

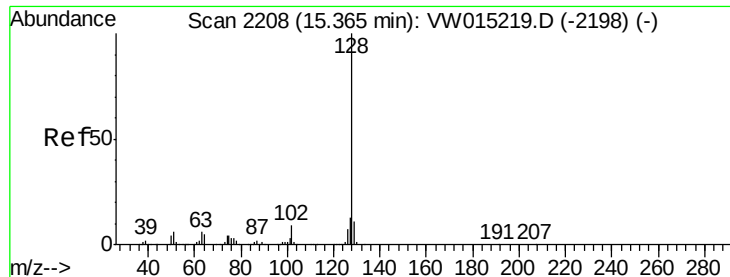
Tot Ion:180 Resp: 72740
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.1 141.4
 145 29.4 16.2 48.6



#94
 Hexachlorobutadiene
 Concen: 21.653 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW015324.D
 Acq: 23 Apr 2020 11:43

Tgt Ion:225 Resp: 48827
 Ion Ratio Lower Upper
 225 100
 223 61.7 31.0 93.0
 227 63.6 30.8 92.3

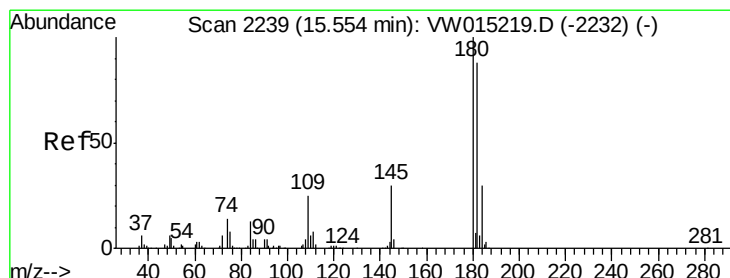
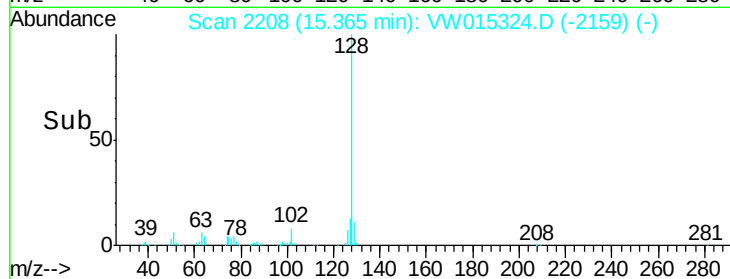
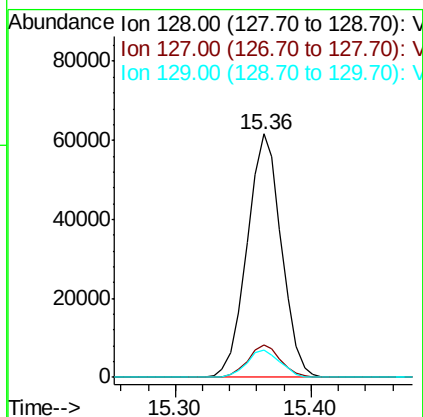
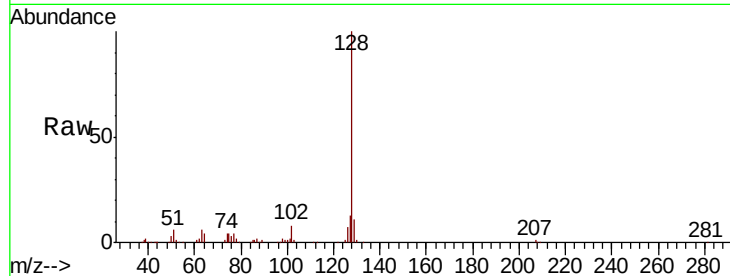




#95
Naphthalene
Concen: 19.955 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 108573
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.1 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 21.749 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW015324.D
Acq: 23 Apr 2020 11:43

Tgt Ion:180 Resp: 59851
Ion Ratio Lower Upper
180 100
182 95.0 48.8 146.3
145 31.2 17.2 51.6

