

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060319\
 Data File : VW010655.D
 Acq On : 03 Jun 2019 13:15
 Operator : SY/VA
 Sample : VW0603SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 04 07:37:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	185730	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	294390	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	262049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	130467	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	89261	46.56	ug/l	0.00
Spiked Amount			Recovery	=	93.12%	
35) Dibromofluoromethane	7.88	113	94556	52.93	ug/l	0.00
Spiked Amount			Recovery	=	105.86%	
50) Toluene-d8	10.32	98	357585	52.40	ug/l	0.00
Spiked Amount			Recovery	=	104.80%	
62) 4-Bromofluorobenzene	12.62	95	138209	50.85	ug/l	0.00
Spiked Amount			Recovery	=	101.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	24388	14.541	ug/l	100
3) Chloromethane	2.21	50	26575	13.618	ug/l	98
4) Vinyl Chloride	2.35	62	31733	14.039	ug/l	96
5) Bromomethane	2.75	94	24818	15.960	ug/l	98
6) Chloroethane	2.90	64	23551	16.231	ug/l	99
7) Trichlorofluoromethane	3.25	101	63840	19.130	ug/l	98
8) Diethyl Ether	3.68	74	20120	19.020	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	41125	20.011	ug/l	95
10) Methyl Iodide	4.26	142	34252	14.581	ug/l	99
11) Tert butyl alcohol	5.17	59	17120	99.283	ug/l	96
12) 1,1-Dichloroethene	4.03	96	37009	18.865	ug/l	96
13) Acrolein	3.89	56	8218	65.306	ug/l	98
14) Allyl chloride	4.67	41	51382	18.094	ug/l	99
15) Acrylonitrile	5.37	53	40020	90.333	ug/l	99
16) Acetone	4.12	43	35104	89.708	ug/l	94
17) Carbon Disulfide	4.38	76	89545	15.303	ug/l	100
18) Methyl Acetate	4.67	43	19092	19.949	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	97120	19.419	ug/l	95
20) Methylene Chloride	4.91	84	42842	15.121	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	43364	19.271	ug/l	95
22) Diisopropyl ether	6.31	45	111097	19.080	ug/l	97
23) Vinyl Acetate	6.26	43	316106	90.883	ug/l	98
24) 1,1-Dichloroethane	6.21	63	67934	19.551	ug/l	95
25) 2-Butanone	7.17	43	54314	96.989	ug/l	97
26) 2,2-Dichloropropane	7.17	77	66287	20.027	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	48886	19.983	ug/l	98
28) Bromochloromethane	7.51	49	24222	19.470	ug/l	88
29) Tetrahydrofuran	7.53	42	33064	87.254	ug/l	99
30) Chloroform	7.68	83	74605	19.905	ug/l	96
31) Cyclohexane	7.95	56	64638	17.759	ug/l	# 90
32) 1,1,1-Trichloroethane	7.87	97	71237	19.886	ug/l	98
36) 1,1-Dichloropropene	8.08	75	57941	21.128	ug/l	98
37) Ethyl Acetate	7.25	43	23242	19.930	ug/l	97
38) Carbon Tetrachloride	8.07	117	64406	21.771	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	76232	20.748	ug/l	96
40) Benzene	8.32	78	163147	21.404	ug/l	98
41) Methacrylonitrile	7.48	41	12975	18.725	ug/l	97
42) 1,2-Dichloroethane	8.40	62	46490	21.340	ug/l	100
43) Isopropyl Acetate	8.43	43	46266	19.858	ug/l	99
44) Trichloroethene	9.09	130	50503	22.318	ug/l	96
45) 1,2-Dichloropropane	9.37	63	38368	21.194	ug/l	97
46) Dibromomethane	9.46	93	23360	22.065	ug/l	96
47) Bromodichloromethane	9.65	83	55508	20.864	ug/l	99
48) Methyl methacrylate	9.44	41	21351	20.032	ug/l	97
49) 1,4-Dioxane	9.45	88	6061	350.460	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	115623	97.939	ug/l	98
52) Toluene	10.39	92	112582	21.993	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	55303	20.525	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	64931	21.101	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	34020	22.346	ug/l	94
56) Ethyl methacrylate	10.65	69	40802	19.433	ug/l	98
57) 1,3-Dichloropropane	10.93	76	54878	21.520	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	94921	102.066	ug/l	96
59) 2-Hexanone	10.97	43	82781	98.297	ug/l	99
60) Dibromochloromethane	11.13	129	41478	21.527	ug/l	99
61) 1,2-Dibromoethane	11.24	107	33064	21.440	ug/l	100
64) Tetrachloroethene	10.86	164	42901	23.485	ug/l	96
65) Chlorobenzene	11.66	112	125850	22.534	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	46128	23.057	ug/l	100
67) Ethyl Benzene	11.73	91	213569	21.659	ug/l	100
68) m/p-Xylenes	11.84	106	170205	44.009	ug/l	98
69) o-Xylene	12.16	106	79711	21.754	ug/l	99
70) Styrene	12.18	104	135293	21.761	ug/l	99
71) Bromoform	12.35	173	22997	20.874	ug/l	# 99
73) Isopropylbenzene	12.46	105	218515	21.106	ug/l	99
74) N-amyl acetate	12.27	43	42052	17.725	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	37221	19.766	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	47253	35.681	ug/l	# 1
77) Bromobenzene	12.75	156	53195	22.960	ug/l	93
78) n-propylbenzene	12.80	91	245816	20.374	ug/l	98
79) 2-Chlorotoluene	12.90	91	144087	20.593	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	179246	20.442	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	11162	17.590	ug/l	95
82) 4-Chlorotoluene	12.99	91	149682	20.610	ug/l	97
83) tert-Butylbenzene	13.21	119	161063	21.029	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	180491	20.668	ug/l	100
85) sec-Butylbenzene	13.38	105	222177	20.728	ug/l	99
86) p-Isopropyltoluene	13.50	119	202758	20.899	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	101451	22.319	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	100886	22.122	ug/l	99
89) n-Butylbenzene	13.83	91	184006	19.940	ug/l	99
90) Hexachloroethane	14.10	117	38378	20.437	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	91636	22.126	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6380	18.221	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration

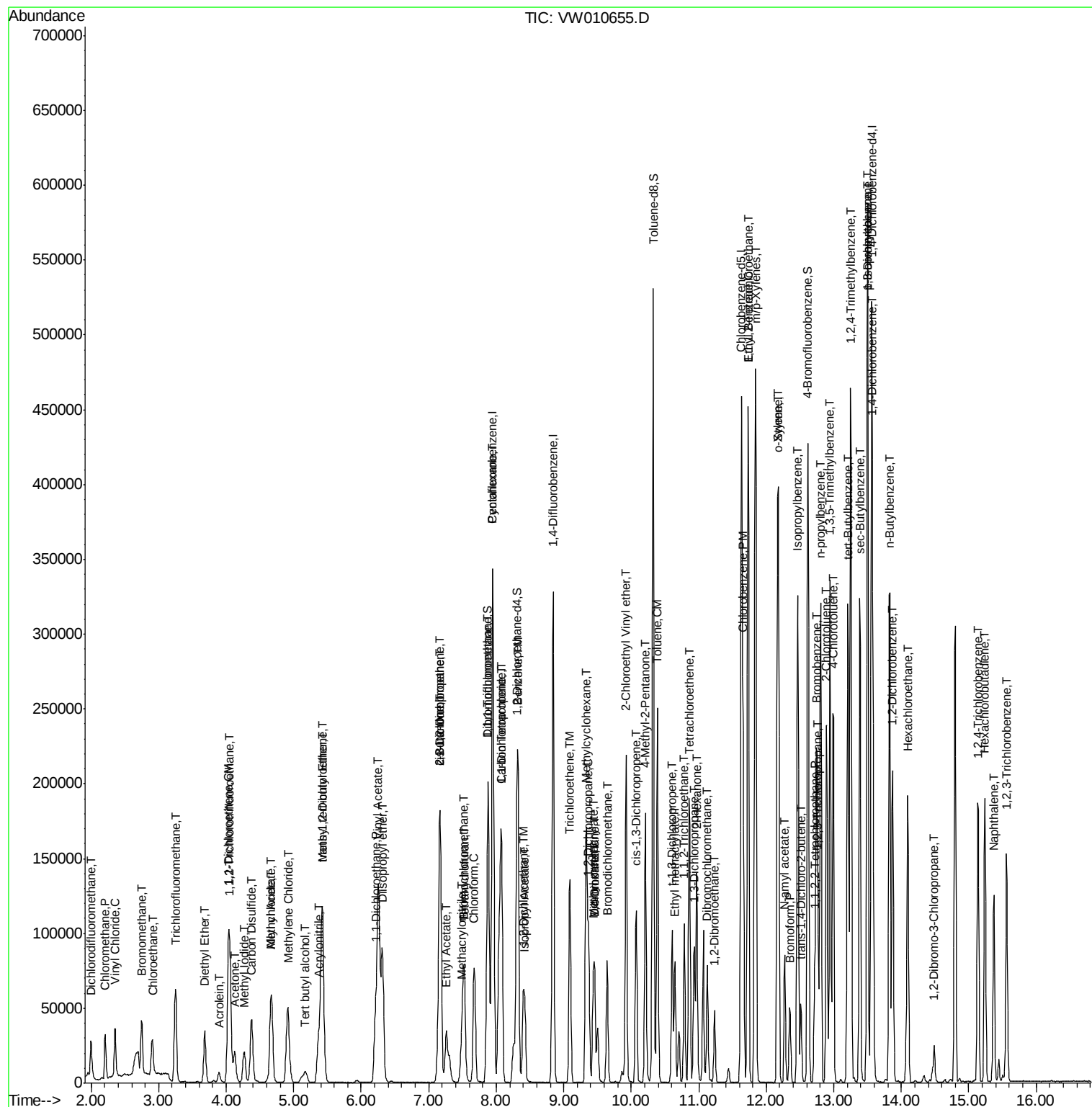
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	60462	21.456	ug/l	98
94) Hexachlorobutadiene	15.24	225	34928	23.202	ug/l	99
95) Naphthalene	15.37	128	115042	19.449	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	53270	21.970	ug/l	100

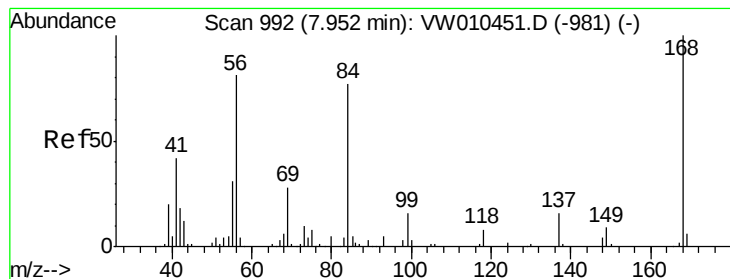
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 ClientSampleId :

Quant Time: Jun 04 07:37:15 2019
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 Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010655.D

Acq: 03 Jun 2019 13:15

Instrument :

MSVOA_W

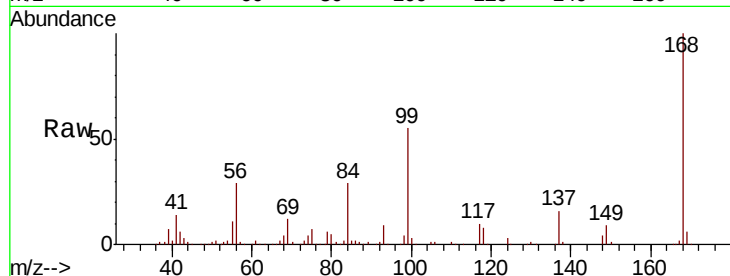
ClientSampleId :

Tot Ion:168 Resp: 185730

Ion Ratio Lower Upper

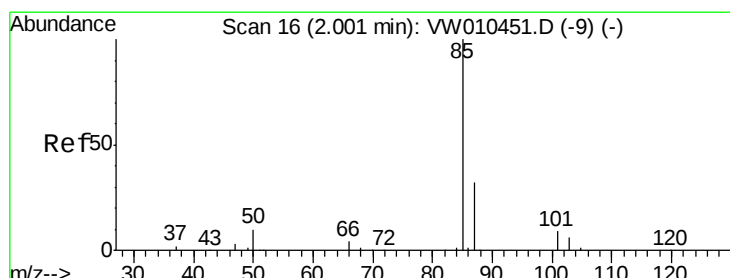
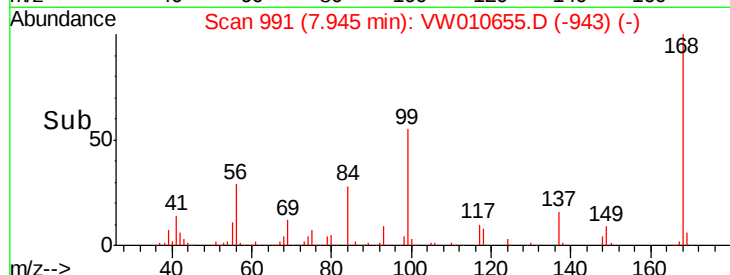
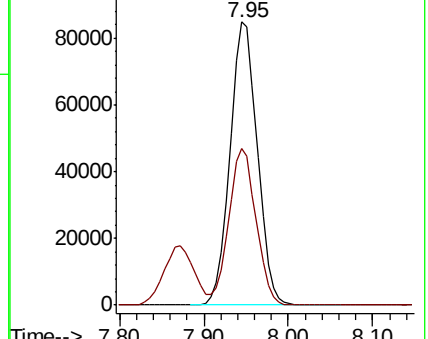
168 100

99 55.3 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 14.541 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW010655.D

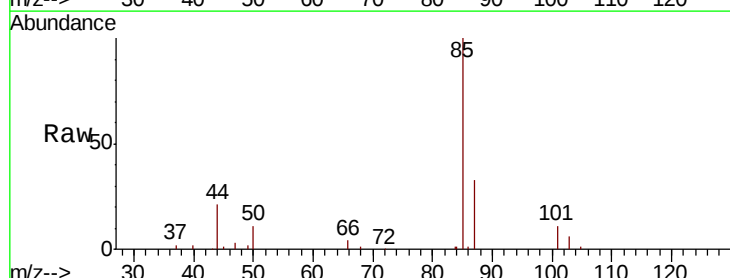
Acq: 03 Jun 2019 13:15

Tgt Ion: 85 Resp: 24388

Ion Ratio Lower Upper

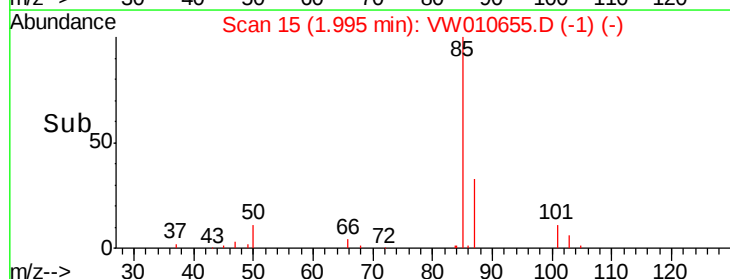
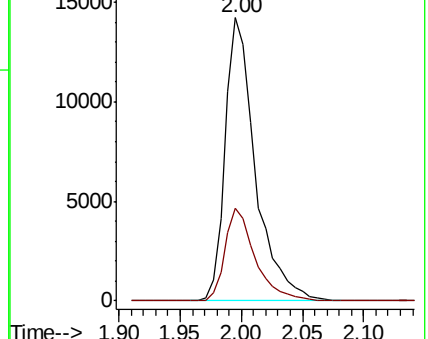
85 100

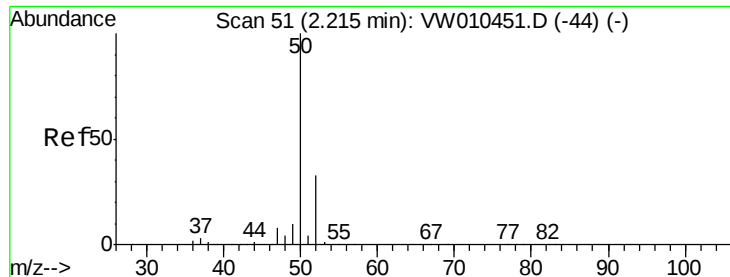
87 32.6 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 13.618 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW010655.D

Acq: 03 Jun 2019 13:15

Instrument :

MSVOA_W

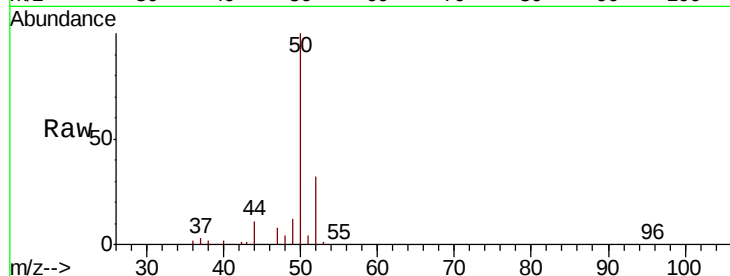
ClientSampled :

Tot Ion: 50 Resp: 26575

Ion Ratio Lower Upper

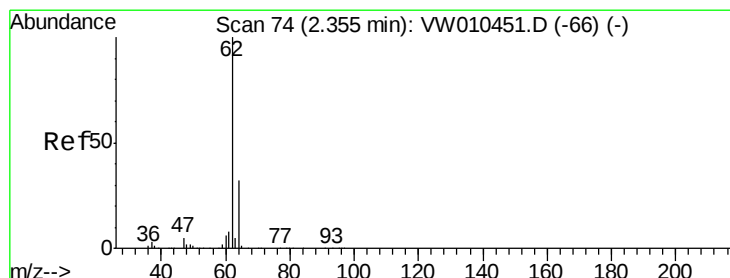
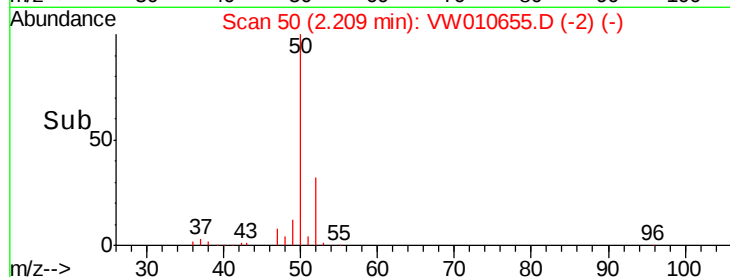
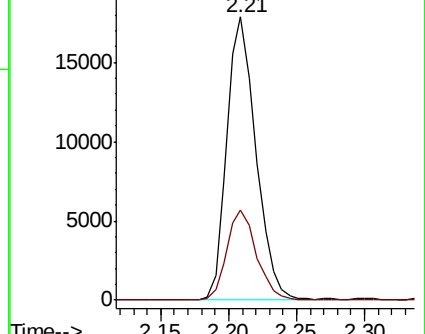
50 100

52 31.9 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 14.039 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW010655.D

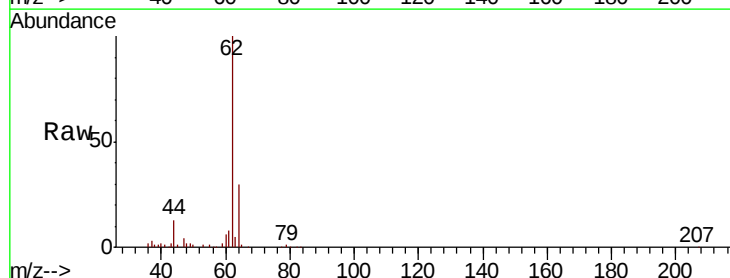
Acq: 03 Jun 2019 13:15

Tgt Ion: 62 Resp: 31733

Ion Ratio Lower Upper

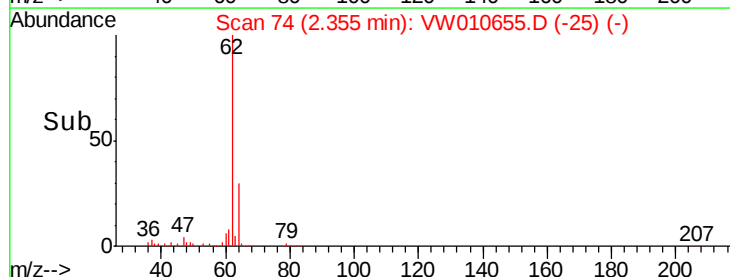
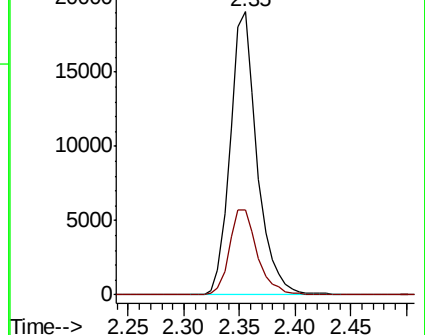
62 100

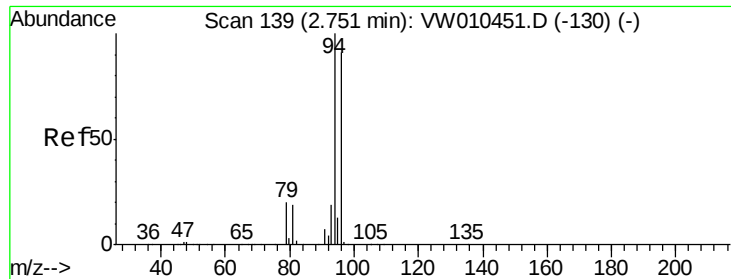
64 30.2 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 15.960 ug/l

RT: 2.75 min Scan# 138

Delta R.T. -0.01 min

Lab File: VW010655.D

Acq: 03 Jun 2019 13:15

Instrument :

MSVOA_W

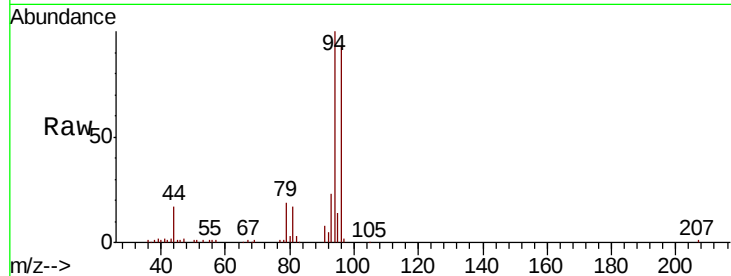
ClientSampleId :

Tot Ion: 94 Resp: 24818

Ion Ratio Lower Upper

94 100

96 92.9 72.9 109.3



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.75

15000

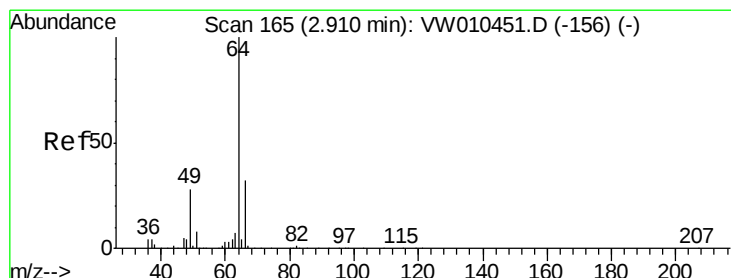
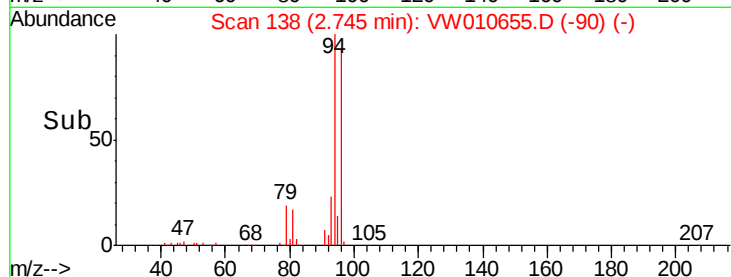
10000

5000

0

Time-->

2.70 2.75 2.80



#6

Chloroethane

Concen: 16.231 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW010655.D

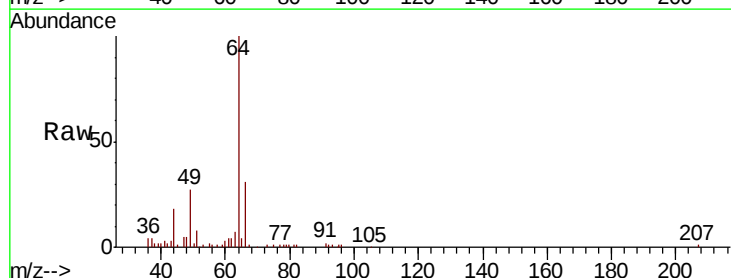
Acq: 03 Jun 2019 13:15

Tgt Ion: 64 Resp: 23551

Ion Ratio Lower Upper

64 100

66 31.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.90

12000

10000

8000

6000

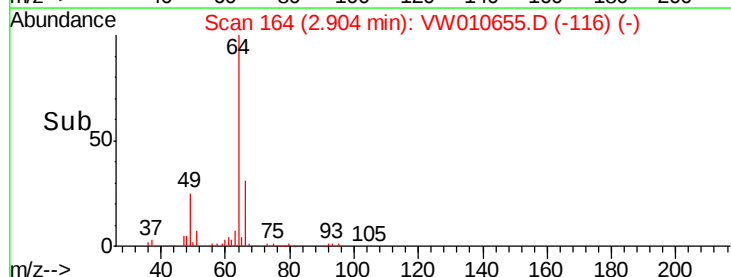
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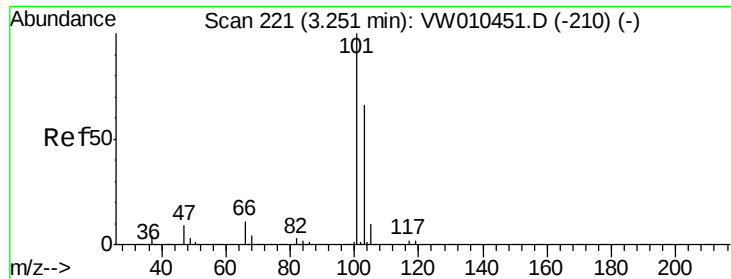
2000

0

Time-->

2.80 2.90 3.00



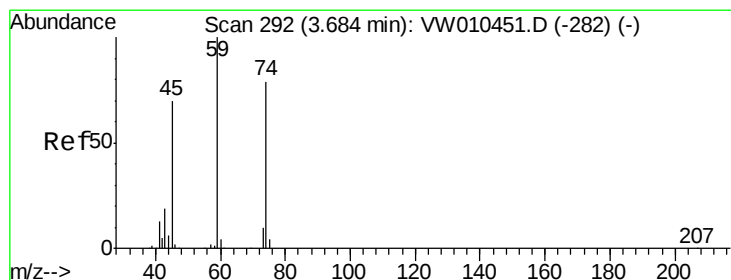
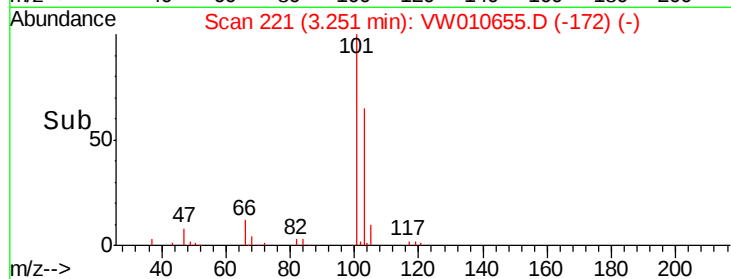
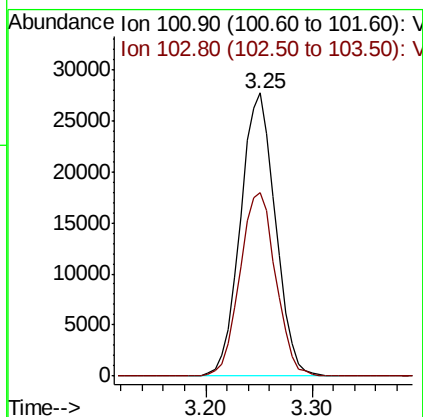
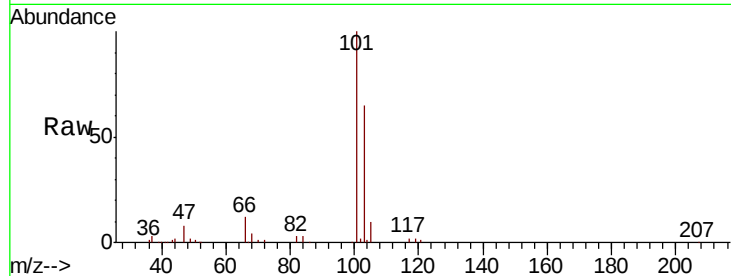


#7

Trichlorofluoromethane
 Concen: 19.130 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW010655.D
 Acq: 03 Jun 2019 13:15

Instrument :
 MSVOA_W
 ClientSampled :

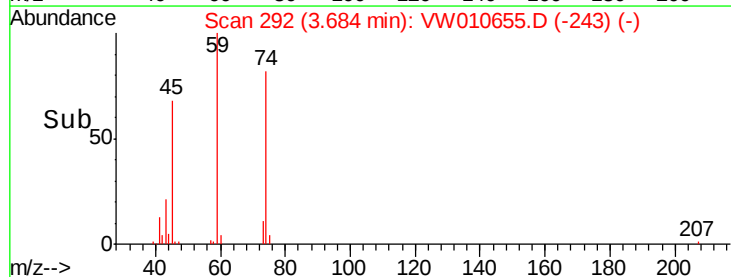
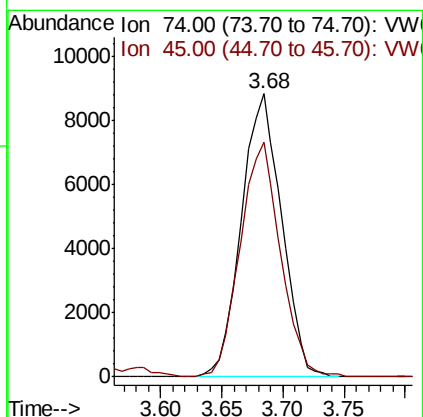
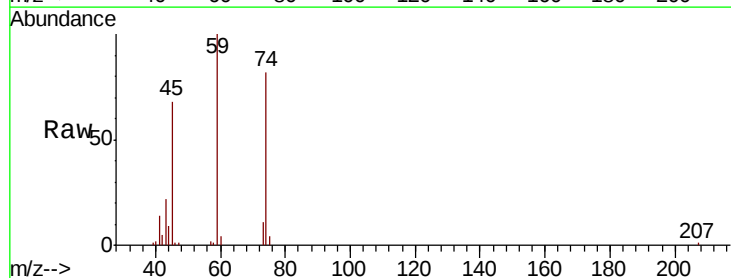
Tot Ion:101 Resp: 63840
 Ion Ratio Lower Upper
 101 100
 103 64.8 53.0 79.4

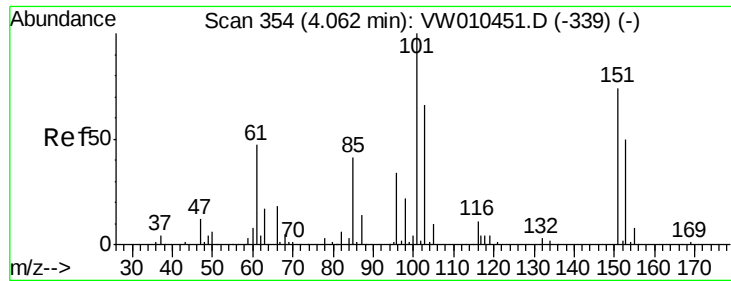


#8

Diethyl Ether
 Concen: 19.020 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW010655.D
 Acq: 03 Jun 2019 13:15

Tgt Ion: 74 Resp: 20120
 Ion Ratio Lower Upper
 74 100
 45 83.5 42.9 128.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.011 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW010655.D

Acq: 03 Jun 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

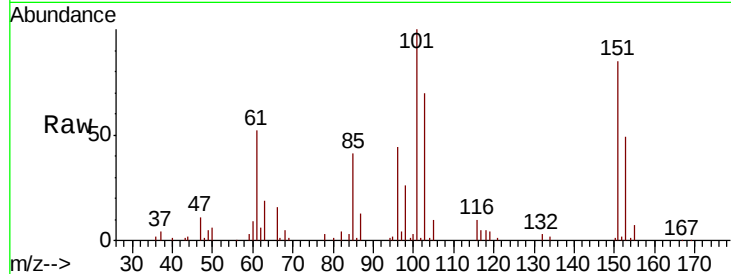
Tot Ion:101 Resp: 41125

Ion Ratio Lower Upper

101 100

85 42.4 34.3 51.5

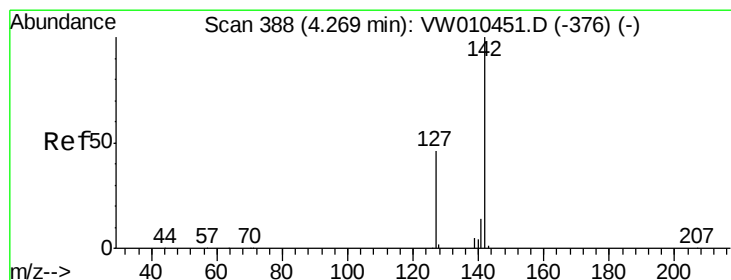
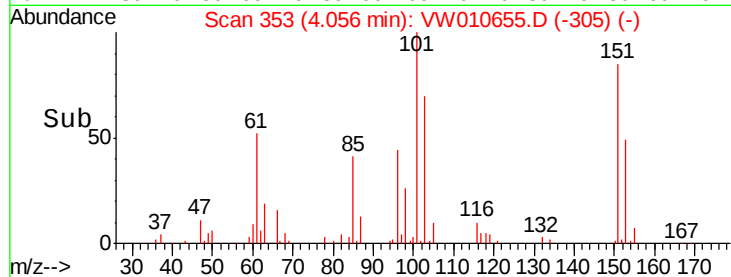
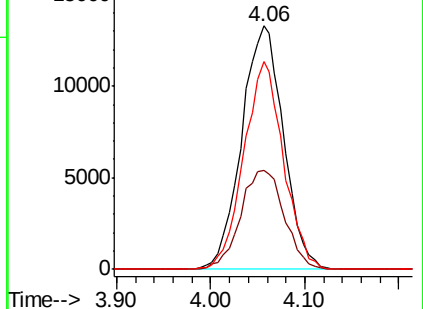
151 81.2 60.3 90.5



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: 14.581 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW010655.D

Acq: 03 Jun 2019 13:15

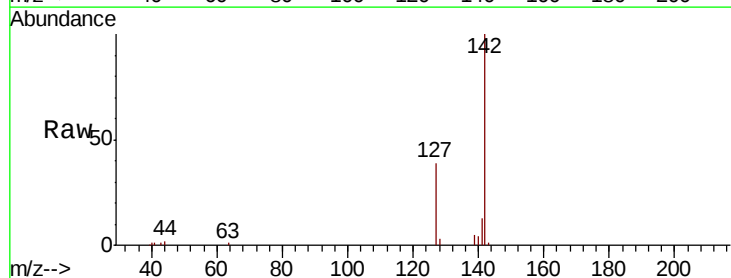
Tgt Ion:142 Resp: 34252

Ion Ratio Lower Upper

142 100

127 44.1 36.1 54.1

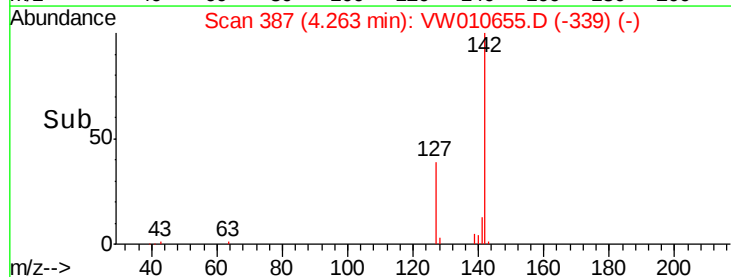
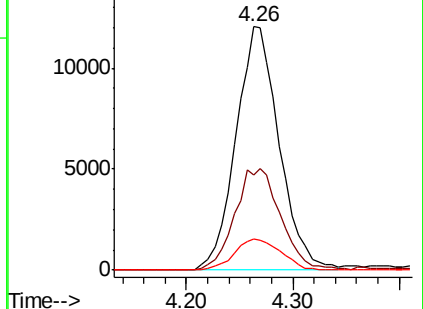
141 13.7 11.3 16.9

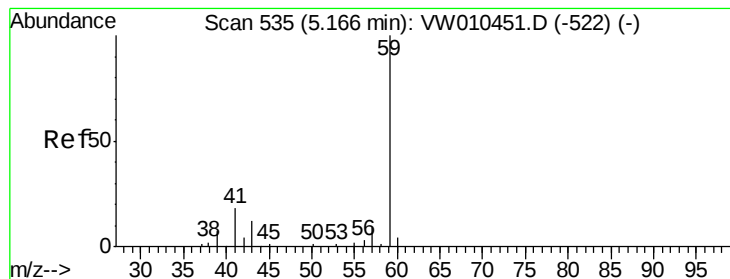


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



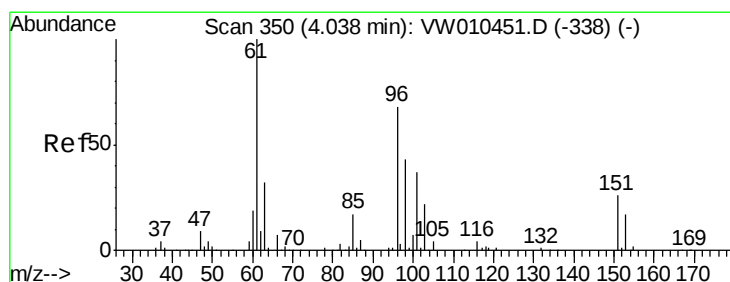
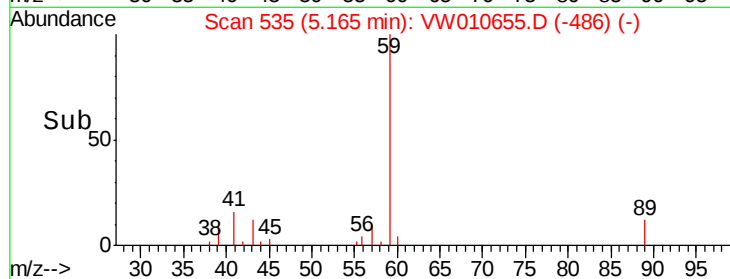
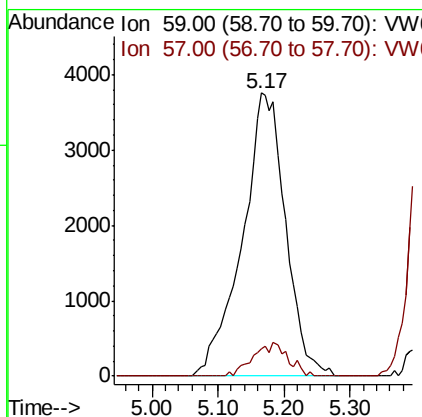
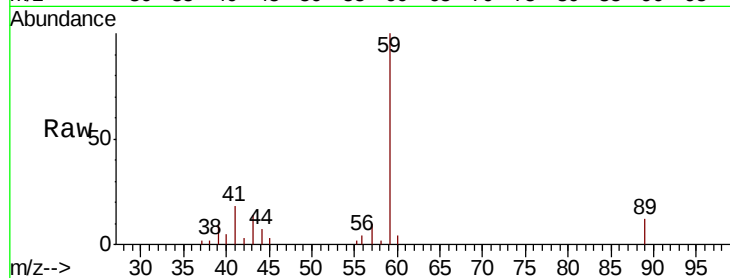


#11

Tert butyl alcohol
 Concen: 99.283 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: VW010655.D
 Acq: 03 Jun 2019 13:15

Instrument :
 MSVOA_W
 ClientSampleId :

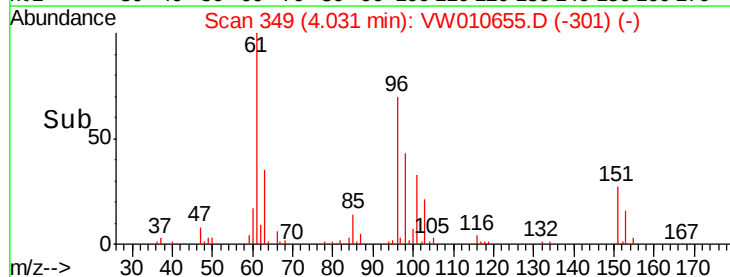
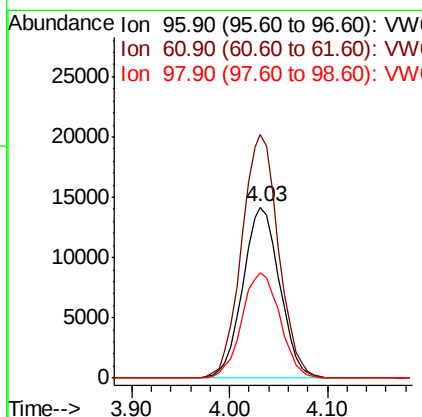
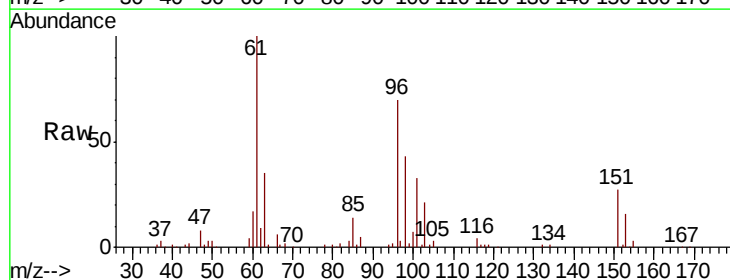
Tot Ion: 59 Resp: 17120
 Ion Ratio Lower Upper
 59 100
 57 9.5 8.8 13.2

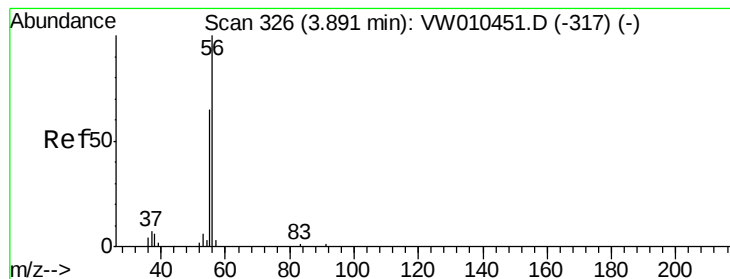


#12

1,1-Dichloroethene
 Concen: 18.865 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW010655.D
 Acq: 03 Jun 2019 13:15

Tgt Ion: 96 Resp: 37009
 Ion Ratio Lower Upper
 96 100
 61 142.6 118.3 177.5
 98 62.0 51.0 76.6





#13

Acrolein

Concen: 65.306 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW010655.D

Acq: 03 Jun 2019 13:15

Instrument :

MSVOA_W

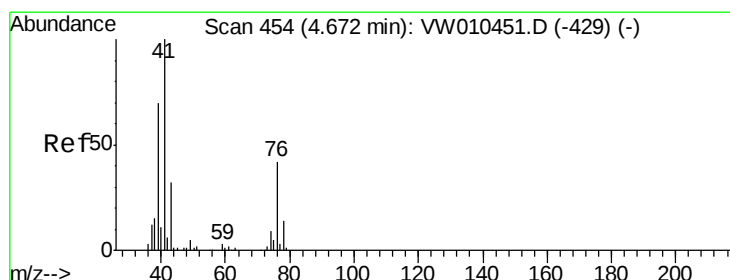
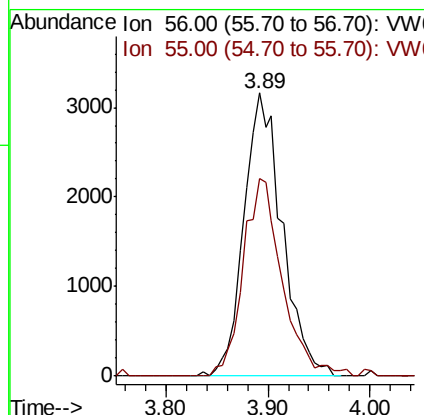
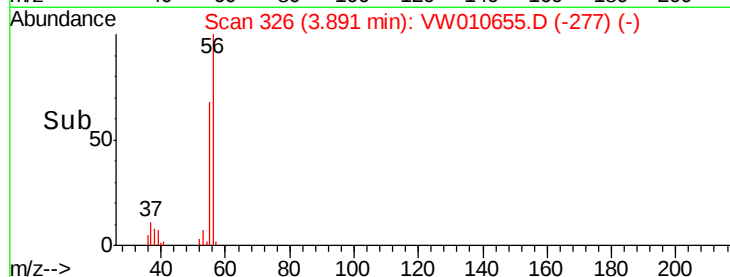
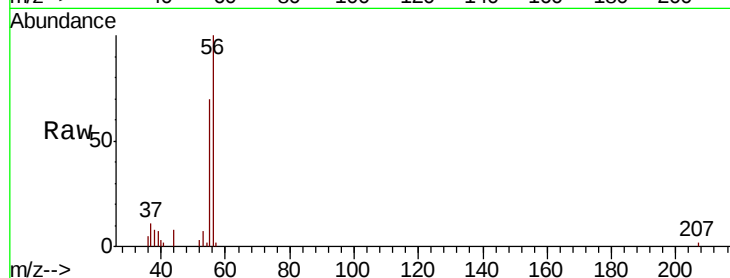
ClientSampleId :

Tot Ion: 56 Resp: 8218

Ion Ratio Lower Upper

56 100

55 71.0 57.9 86.9



#14

Allyl chloride

Concen: 18.094 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW010655.D

Acq: 03 Jun 2019 13:15

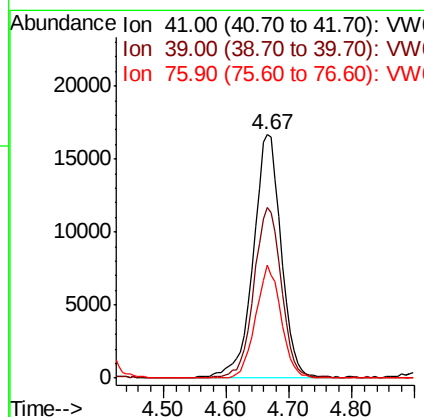
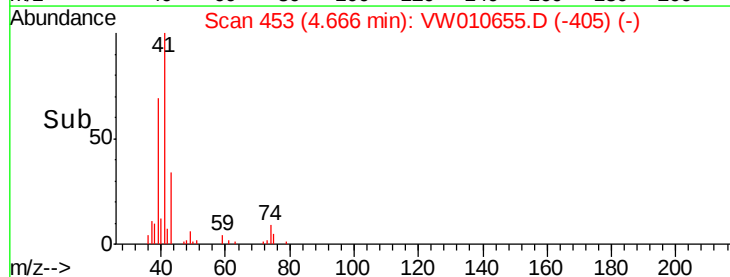
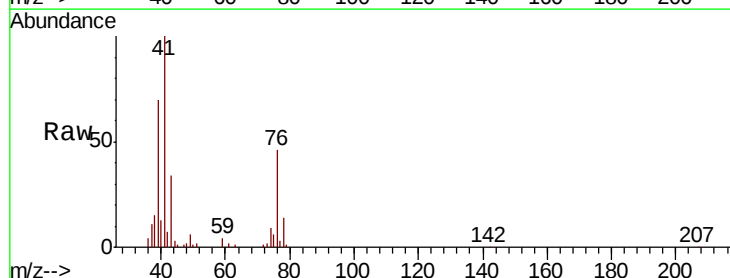
Tgt Ion: 41 Resp: 51382

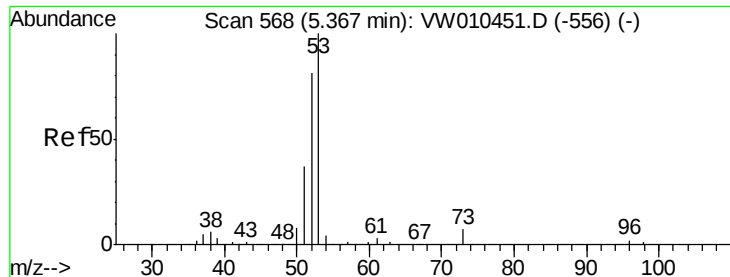
Ion Ratio Lower Upper

41 100

39 68.8 55.0 82.4

76 42.0 32.8 49.2





#15

Acrylonitrile

Concen: 90.333 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW010655.D

Acq: 03 Jun 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

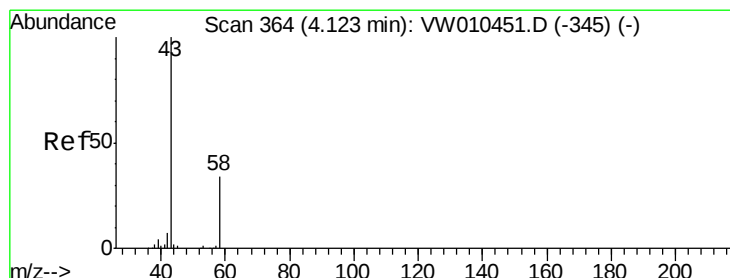
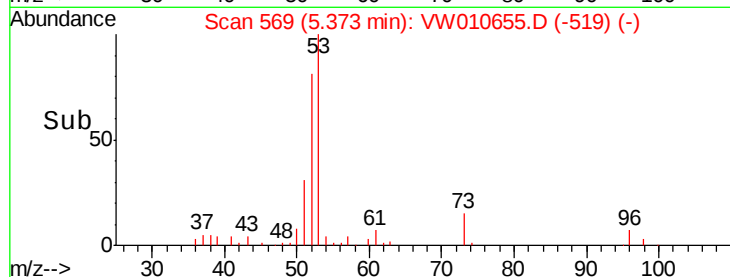
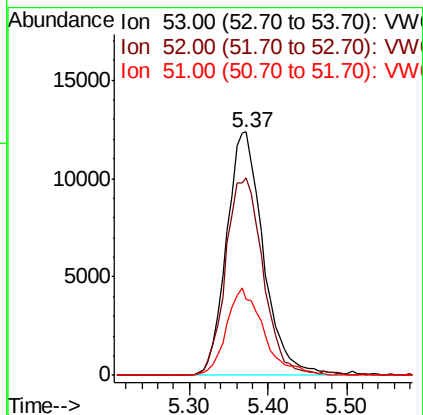
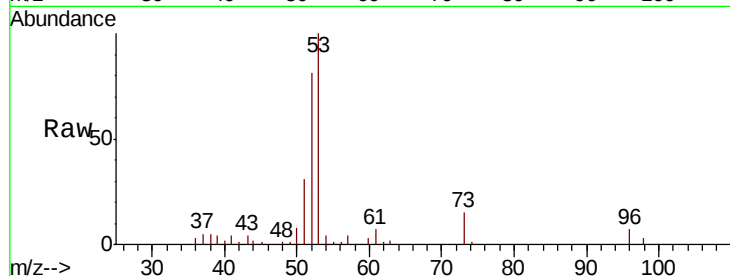
Tot Ion: 53 Resp: 40020

Ion Ratio Lower Upper

53 100

52 82.2 65.6 98.4

51 36.1 29.5 44.3



#16

Acetone

Concen: 89.708 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010655.D

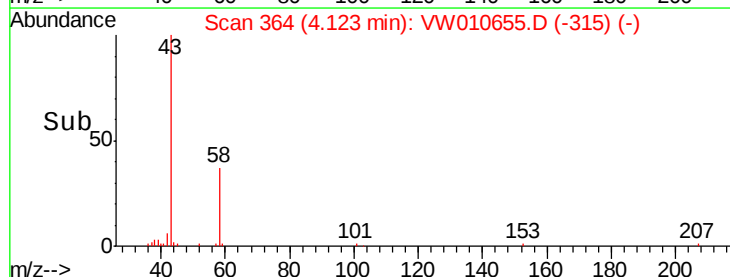
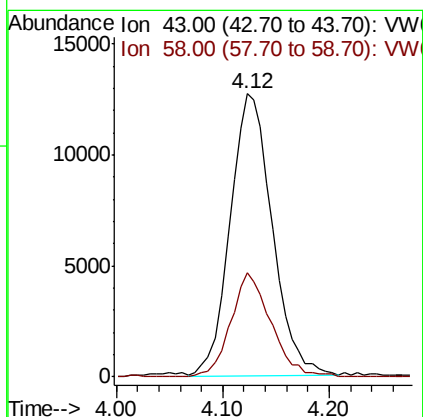
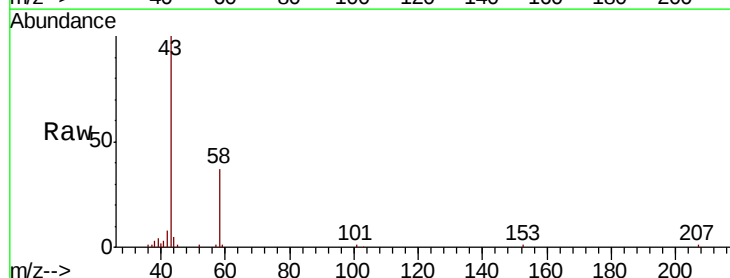
Acq: 03 Jun 2019 13:15

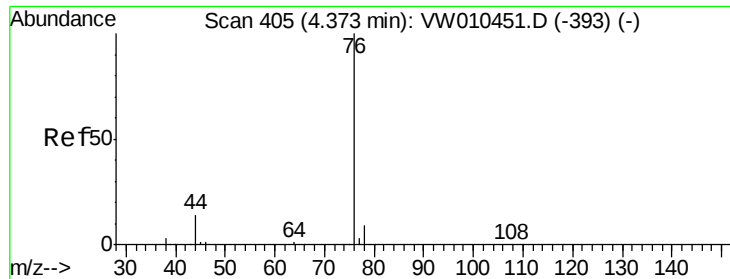
Tgt Ion: 43 Resp: 35104

Ion Ratio Lower Upper

43 100

58 36.9 27.0 40.4

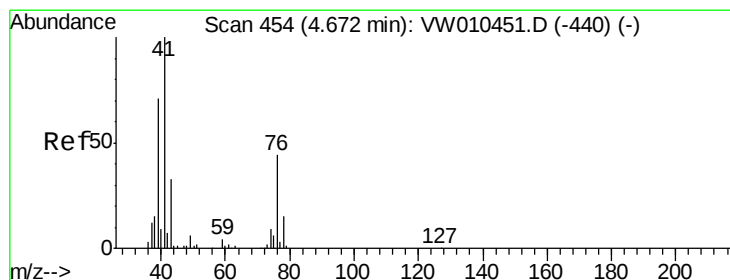
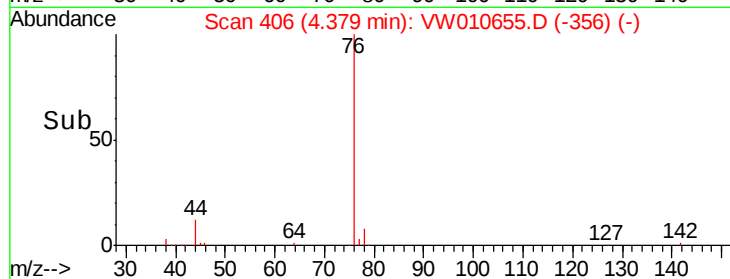
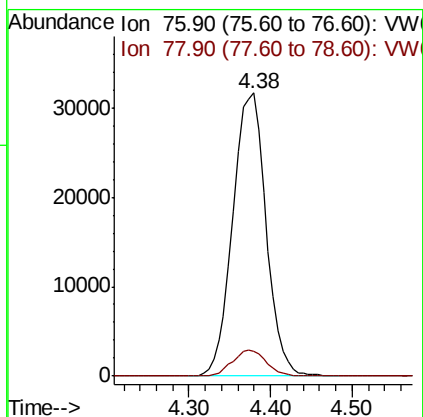
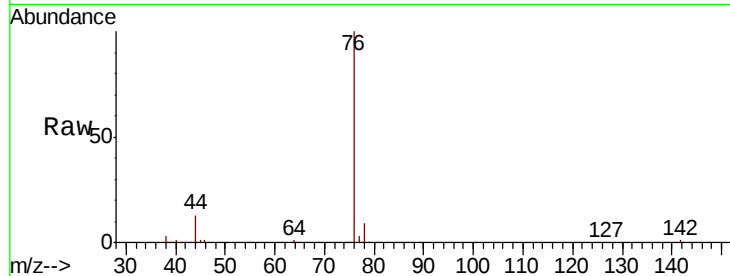




#17
Carbon Disulfide
Concen: 15.303 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW010655.D
Acq: 03 Jun 2019 13:15

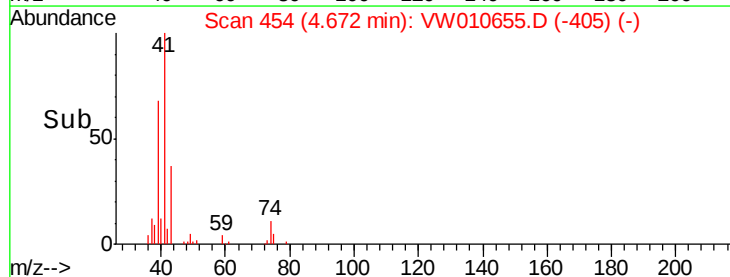
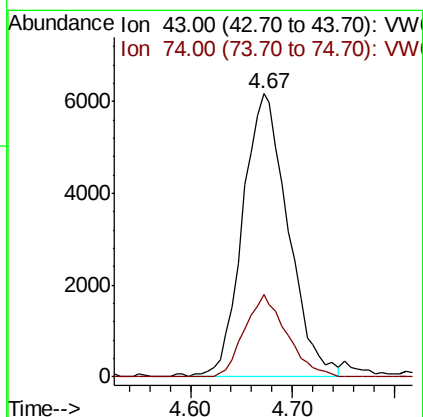
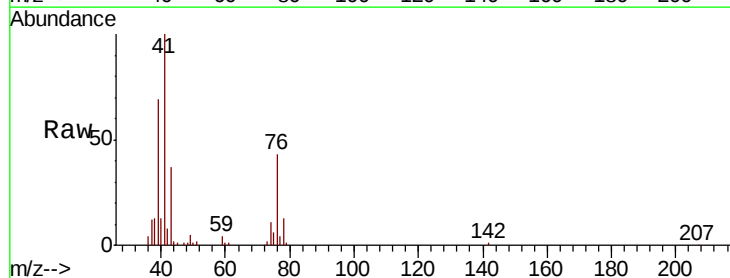
Instrument :
MSVOA_W
ClientSampleId :

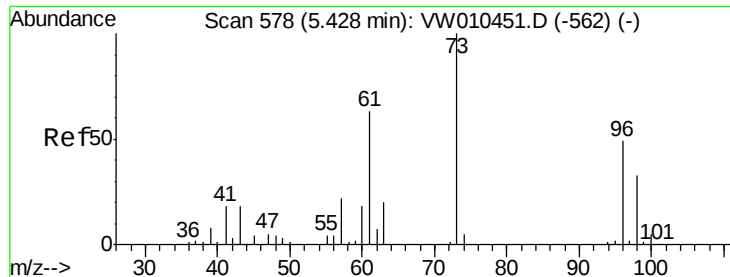
Tot Ion: 76 Resp: 89545
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 19.949 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW010655.D
Acq: 03 Jun 2019 13:15

Tgt Ion: 43 Resp: 19092
Ion Ratio Lower Upper
43 100
74 27.1 21.6 32.4

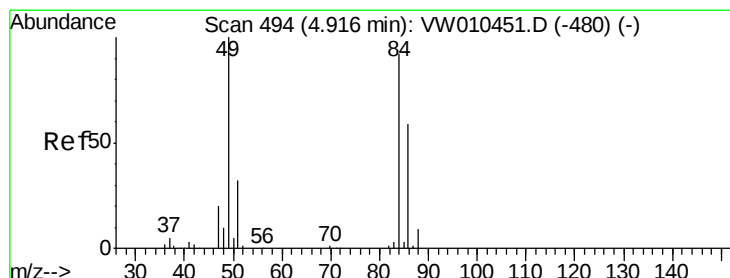
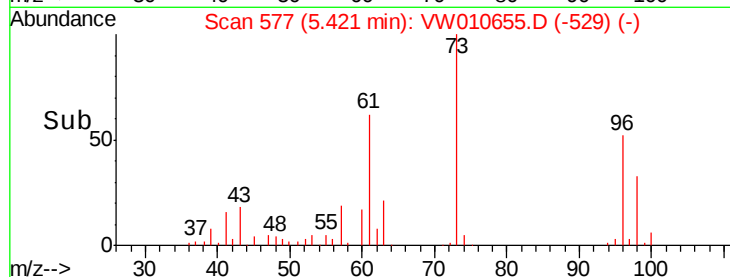
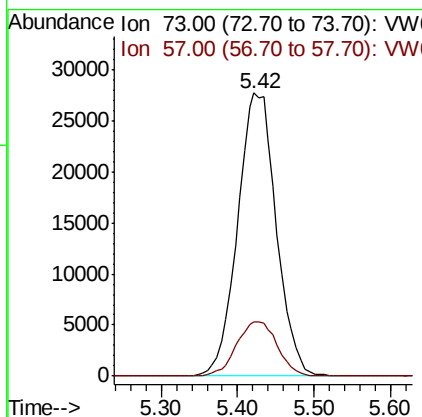
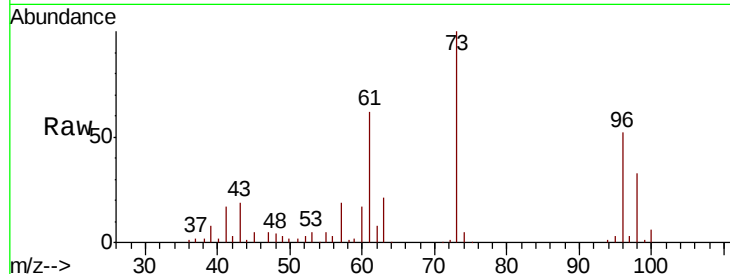




#19
Methyl tert-butyl Ether
Concen: 19.419 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW010655.D
Acq: 03 Jun 2019 13:15

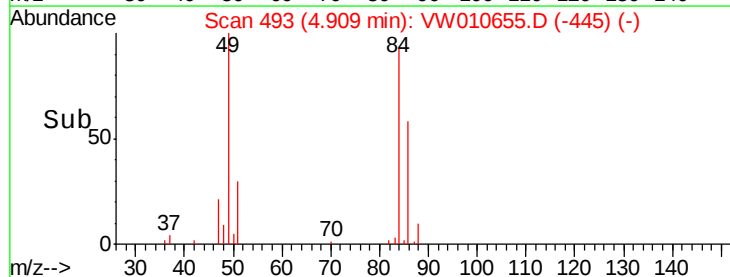
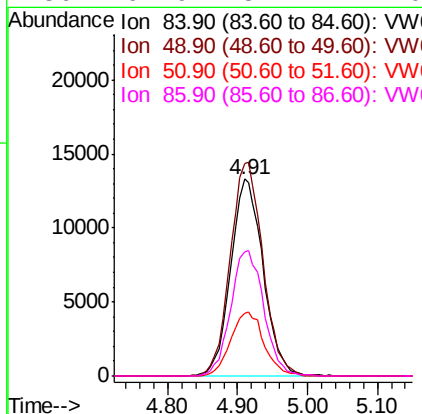
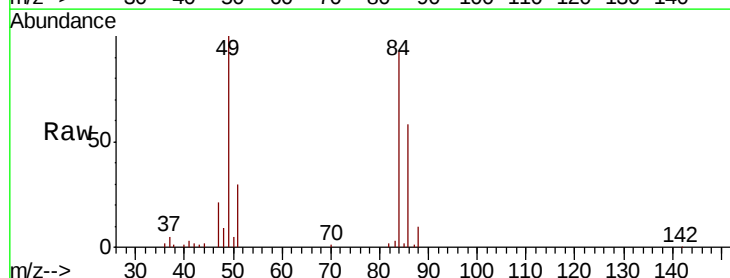
Instrument :
MSVOA_W
ClientSampled :

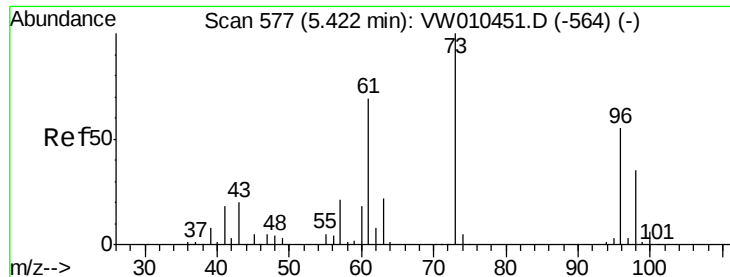
Tot Ion: 73 Resp: 97120
Ion Ratio Lower Upper
73 100
57 19.2 17.4 26.0



#20
Methylene Chloride
Concen: 15.121 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW010655.D
Acq: 03 Jun 2019 13:15

Tgt Ion: 84 Resp: 42842
Ion Ratio Lower Upper
84 100
49 108.1 87.2 130.8
51 32.0 27.7 41.5
86 62.9 51.4 77.0

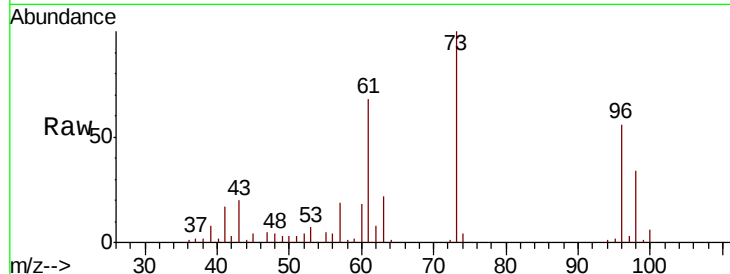




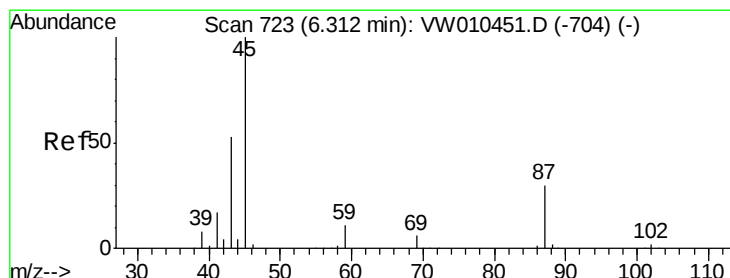
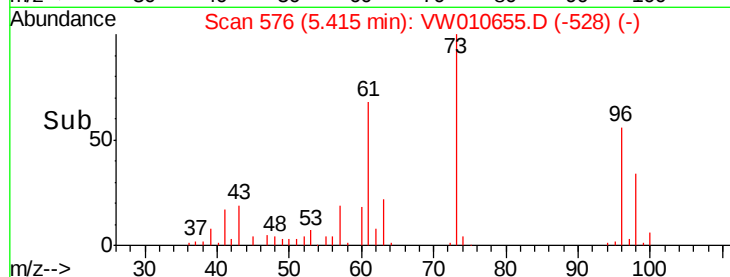
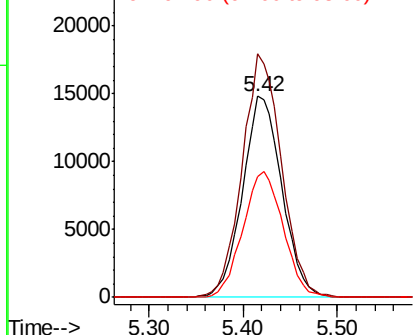
#21
trans-1,2-Dichloroethene
Concen: 19.271 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW010655.D
Acq: 03 Jun 2019 13:15

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 96 Resp: 43364
Ion Ratio Lower Upper
96 100
61 121.1 101.4 152.0
98 60.1 50.6 76.0

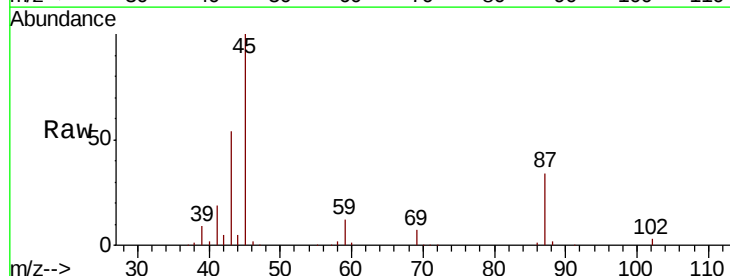


Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW

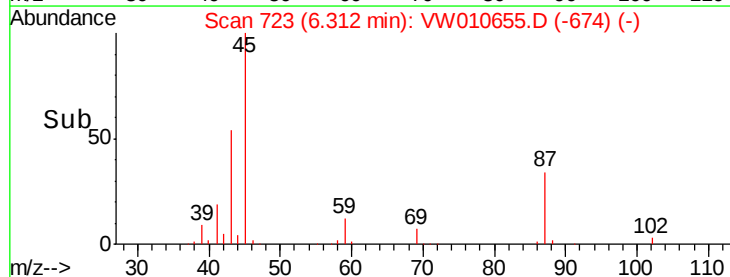
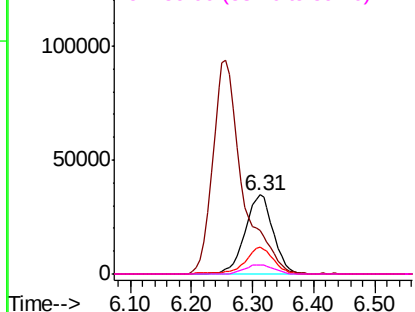


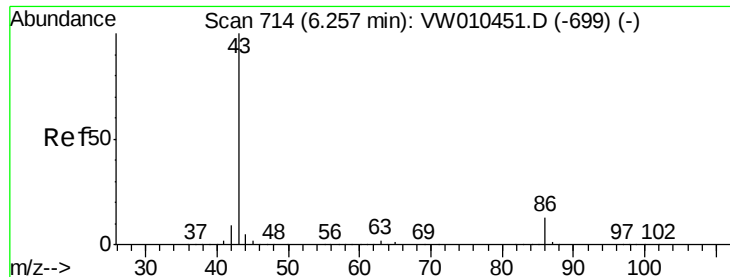
#22
Diisopropyl ether
Concen: 19.080 ug/l
RT: 6.31 min Scan# 723
Delta R.T. -0.00 min
Lab File: VW010655.D
Acq: 03 Jun 2019 13:15

Tgt Ion: 45 Resp: 111097
Ion Ratio Lower Upper
45 100
43 53.9 42.9 64.3
87 34.4 24.6 36.8
59 12.2 9.4 14.0



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: 90.883 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW010655.D

Acq: 03 Jun 2019 13:15

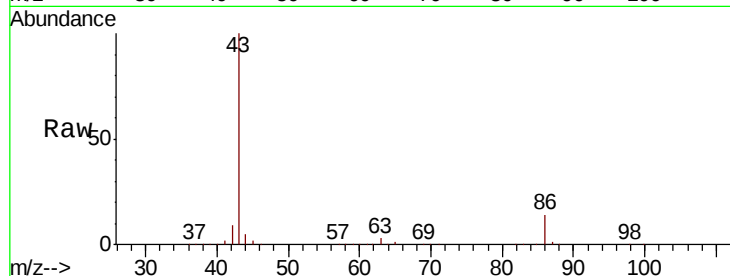
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 316106

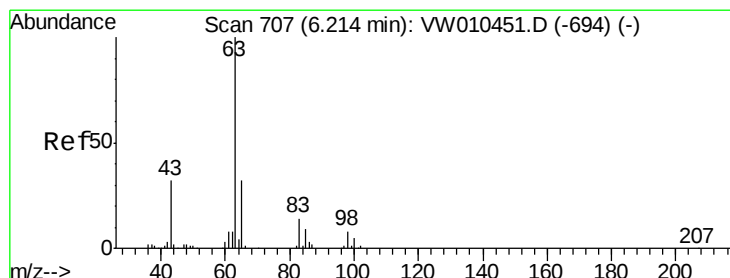
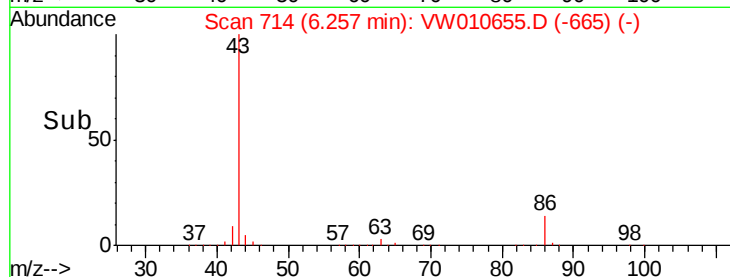
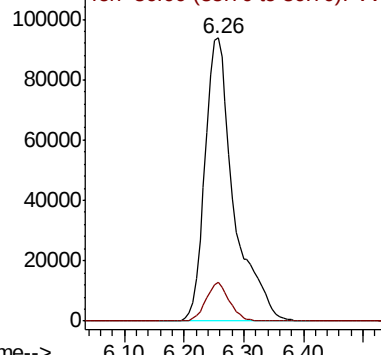
Ion Ratio Lower Upper

43 100

86 13.7 10.3 15.5



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



#24

1,1-Dichloroethane

Concen: 19.551 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW010655.D

Acq: 03 Jun 2019 13:15

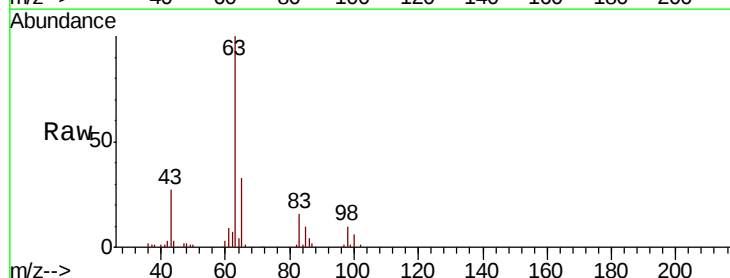
Tgt Ion: 63 Resp: 67934

Ion Ratio Lower Upper

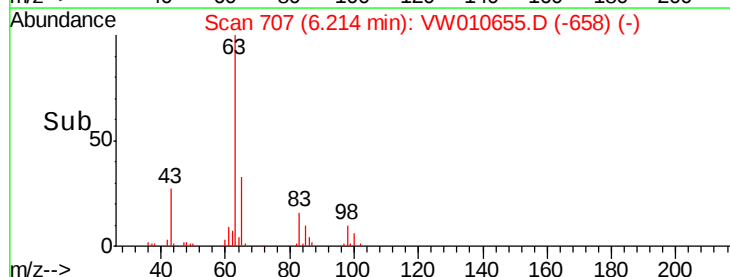
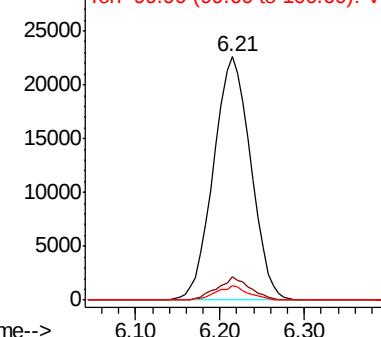
63 100

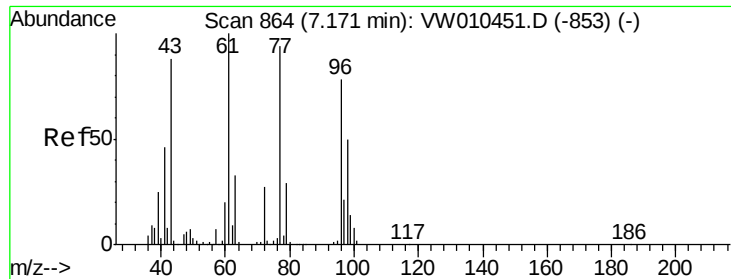
98 9.8 3.8 11.2

100 5.8 2.5 7.4



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





#25

2-Butanone

Concen: 96.989 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010655.D

Acq: 03 Jun 2019 13:15

Instrument :

MSVOA_W

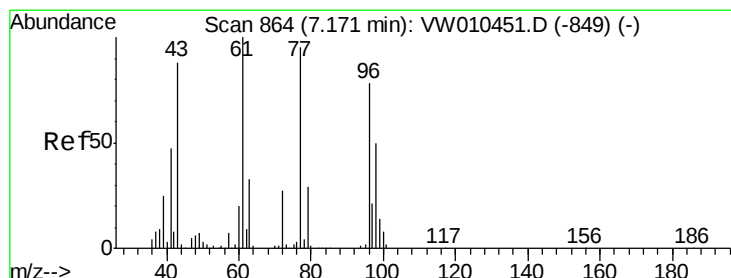
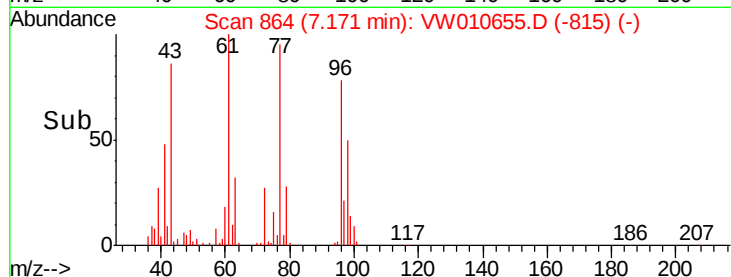
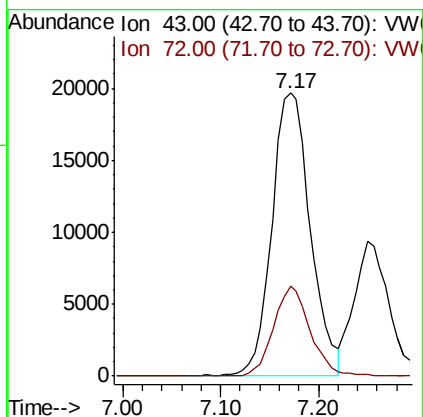
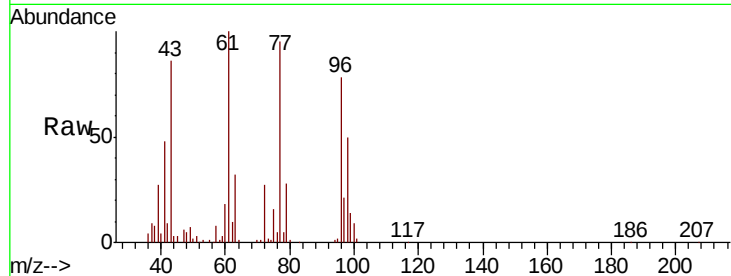
ClientSampled :

Tot Ion: 43 Resp: 54314

Ion Ratio Lower Upper

43 100

72 31.8 24.1 36.1



#26

2,2-Dichloropropane

Concen: 20.027 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW010655.D

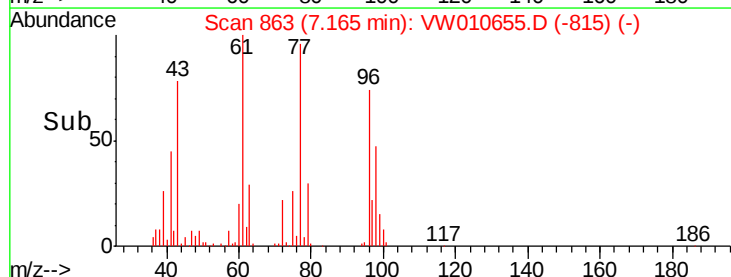
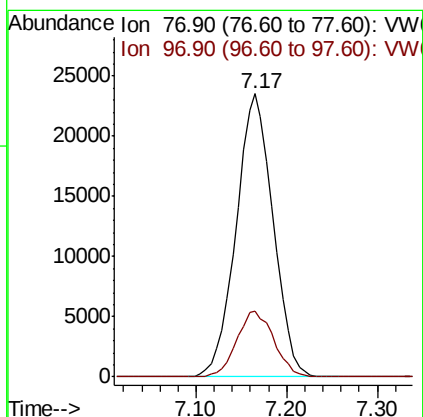
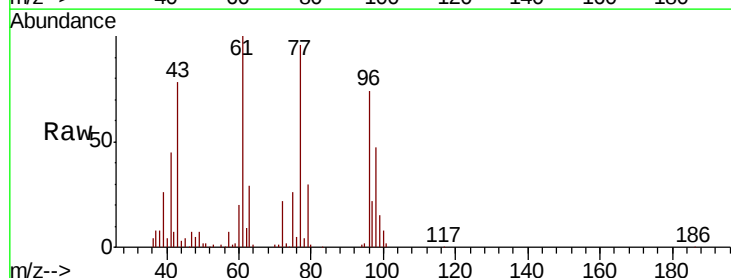
Acq: 03 Jun 2019 13:15

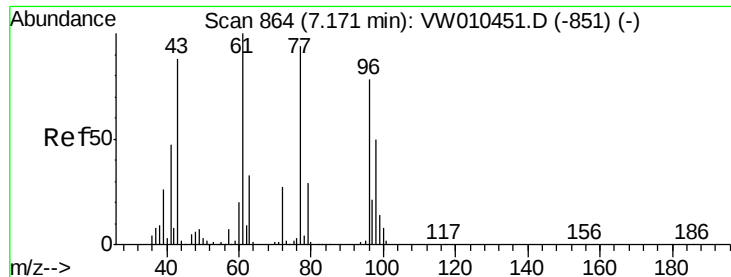
Tgt Ion: 77 Resp: 66287

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.0



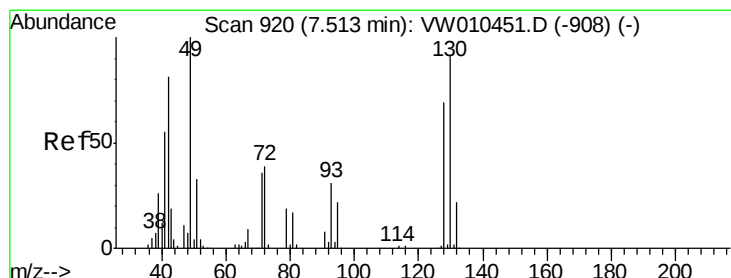
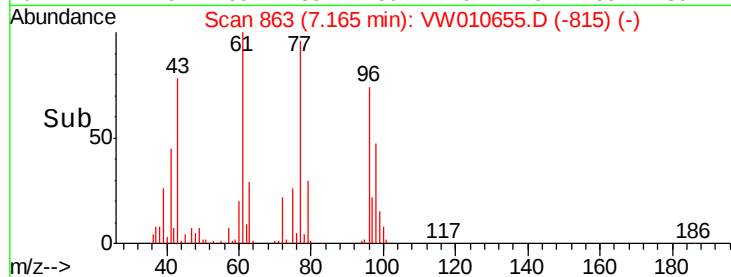
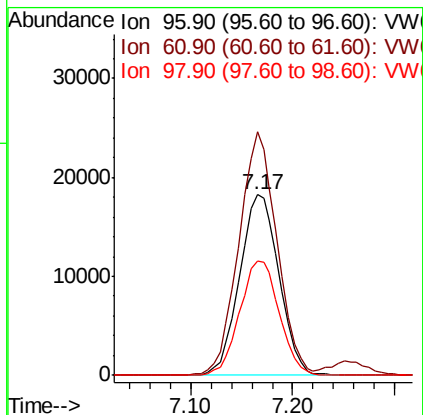
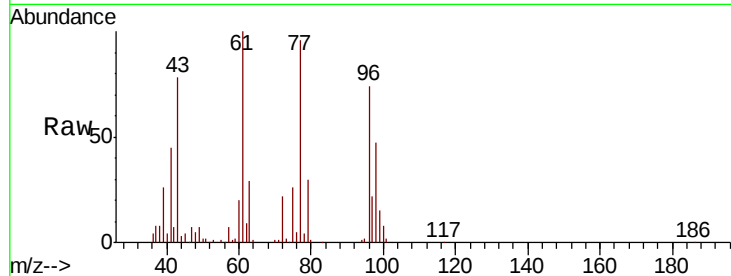


#27

cis-1,2-Dichloroethene
Concen: 19.983 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW010655.D
Acq: 03 Jun 2019 13:15

Instrument :
MSVOA_W
ClientSampleId :

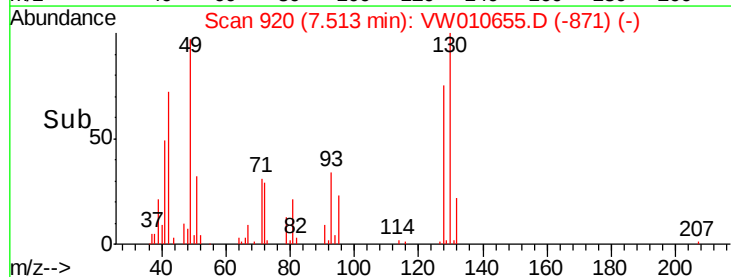
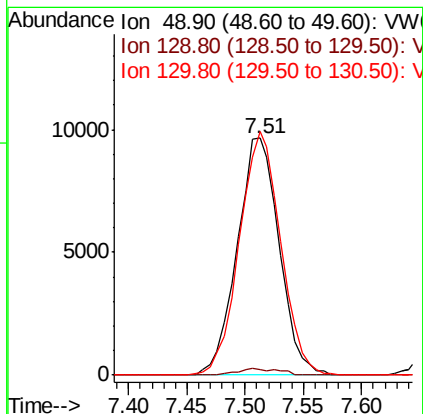
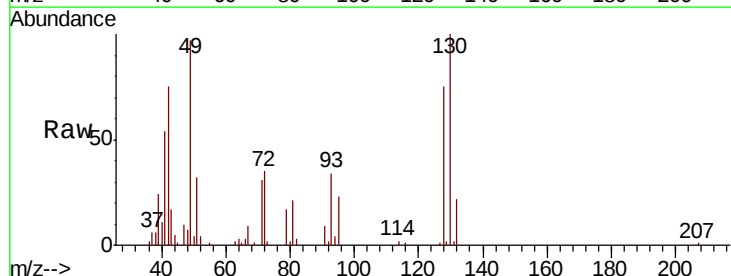
Tot Ion	Ratio	Lower	Upper
96	100		
61	130.5	0.0	265.4
98	63.4	0.0	129.4

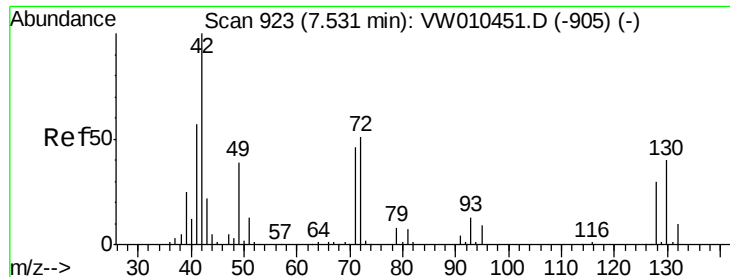


#28

Bromochloromethane
Concen: 19.470 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW010655.D
Acq: 03 Jun 2019 13:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.8
130	100.8	71.2	106.8

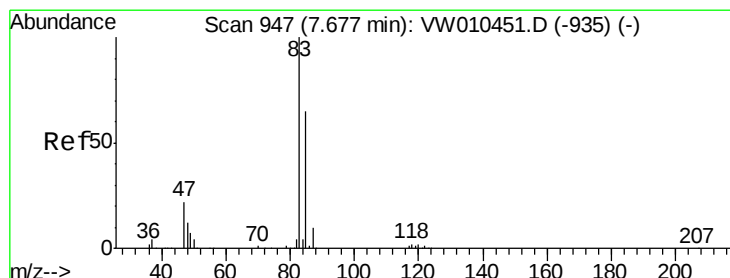
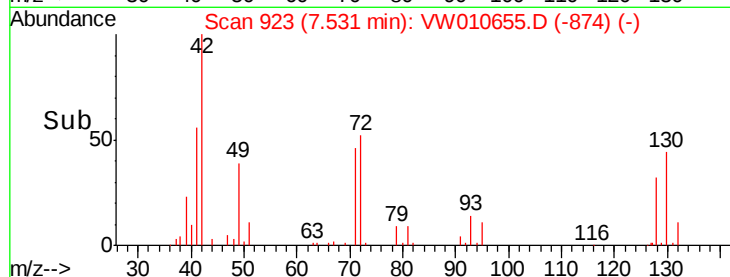
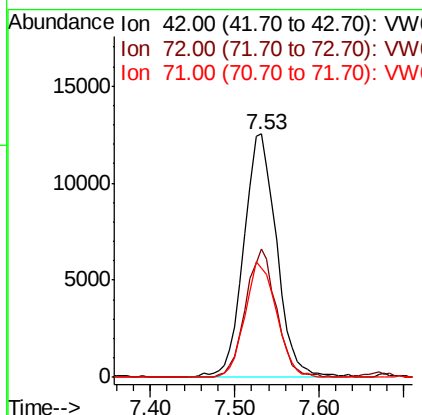
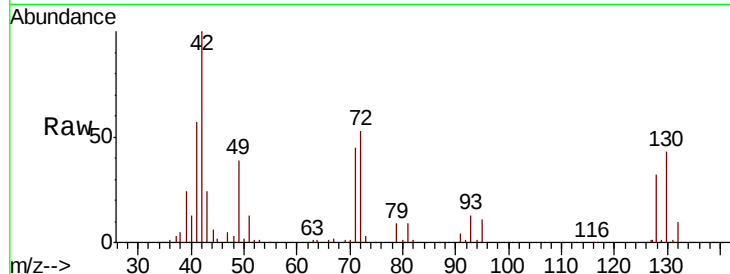




#29
Tetrahydrofuran
Concen: 87.254 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010655.D
Acq: 03 Jun 2019 13:15

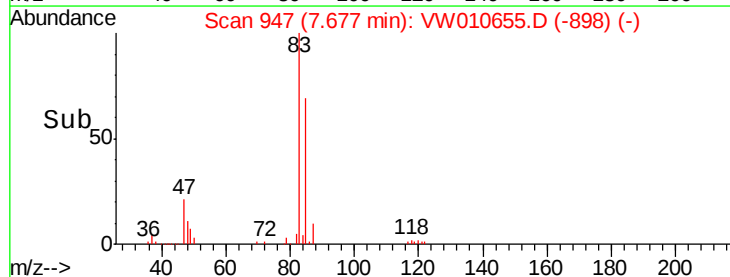
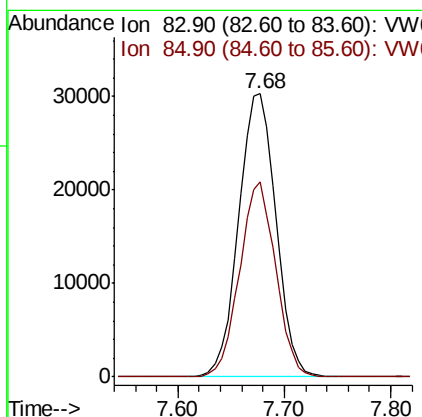
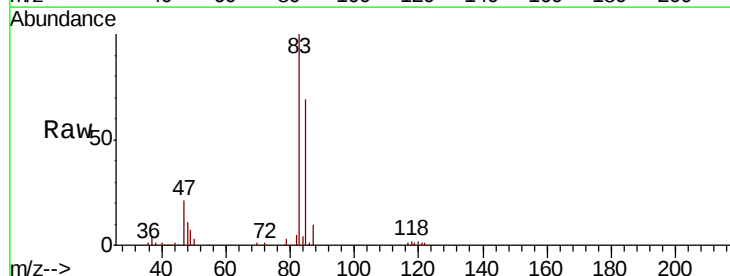
Instrument :
MSVOA_W
ClientSampled :

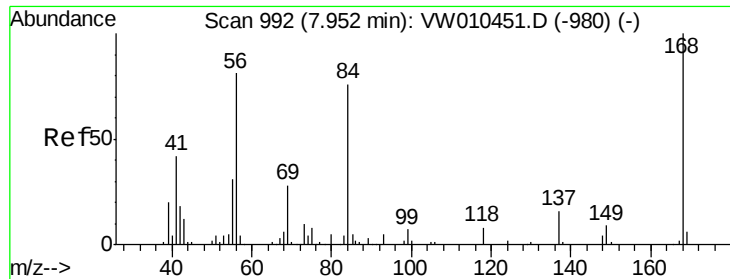
Tot Ion: 42 Resp: 33064
Ion Ratio Lower Upper
42 100
72 49.6 38.5 57.7
71 45.5 36.5 54.7



#30
Chloroform
Concen: 19.905 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW010655.D
Acq: 03 Jun 2019 13:15

Tgt Ion: 83 Resp: 74605
Ion Ratio Lower Upper
83 100
85 68.7 52.2 78.4

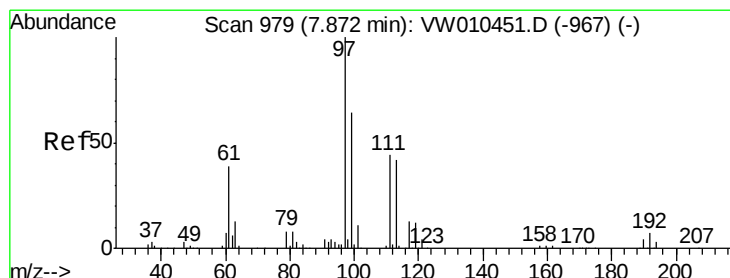
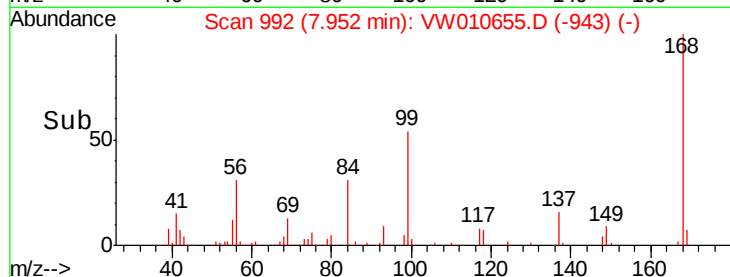
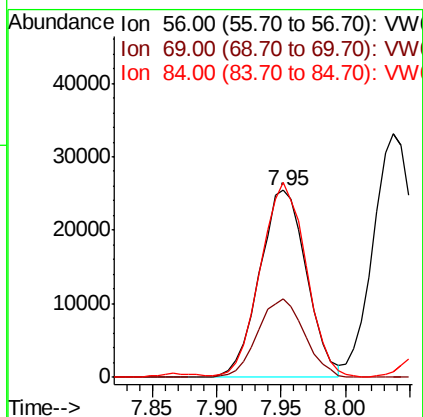
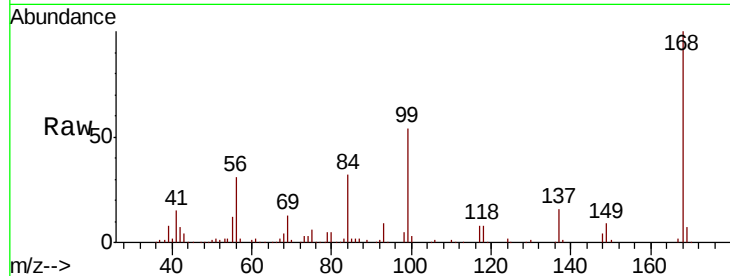




#31
Cyclohexane
Concen: 17.759 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW010655.D
Acq: 03 Jun 2019 13:15

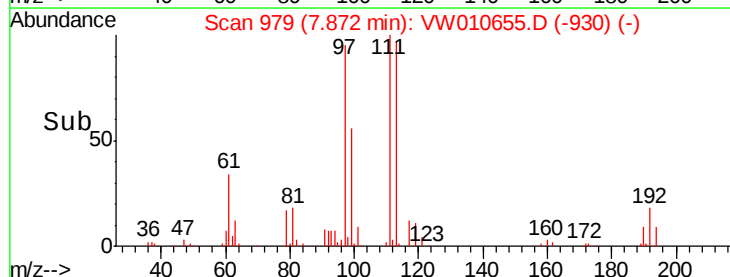
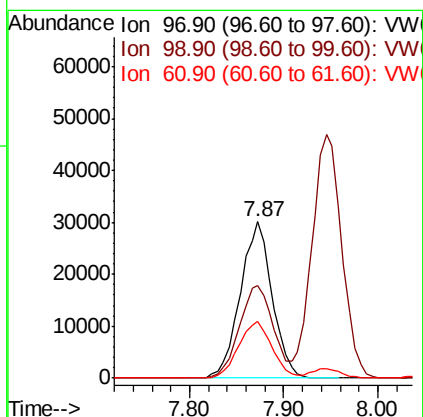
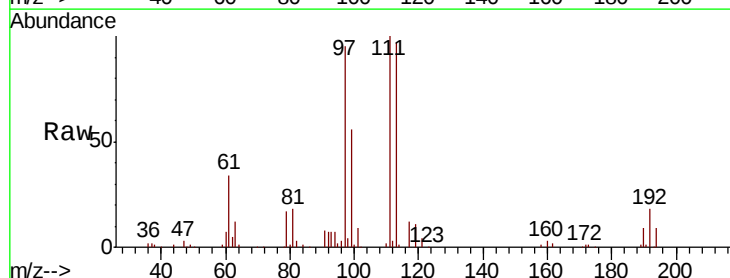
Instrument :
MSVOA_W
ClientSampled :

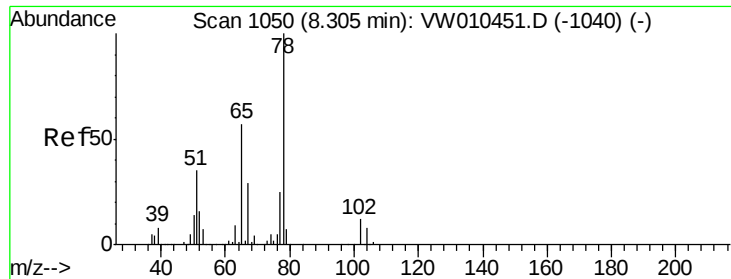
Tot Ion: 56 Resp: 64638
Ion Ratio Lower Upper
56 100
69 42.3 28.2 42.2#
84 103.2 75.8 113.8



#32
1,1,1-Trichloroethane
Concen: 19.886 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW010655.D
Acq: 03 Jun 2019 13:15

Tgt Ion: 97 Resp: 71237
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 37.8 32.1 48.1

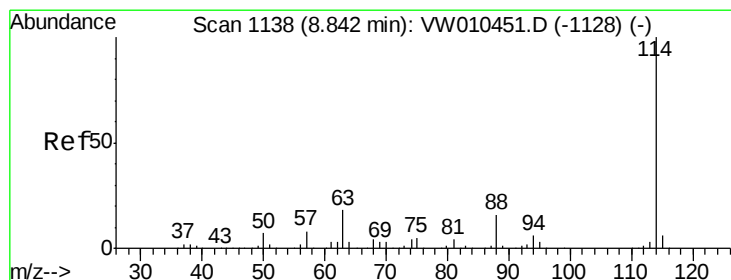
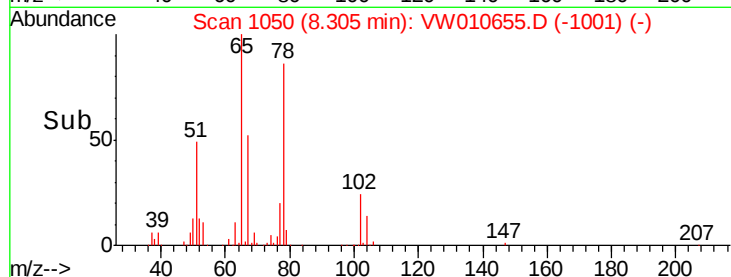
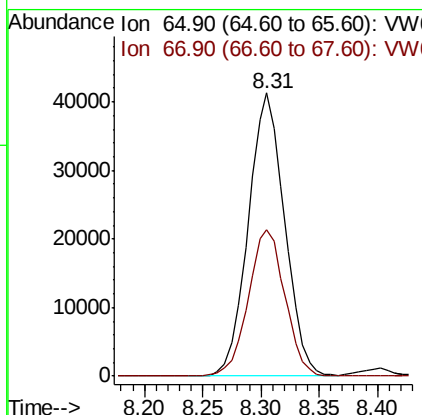
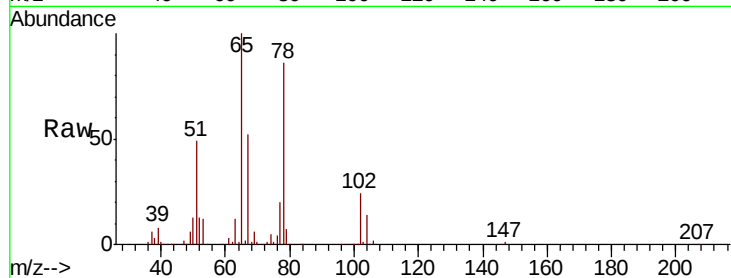




#33
 1,2-Dichloroethane-d4
 Concen: 46.562 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010655.D
 Acq: 03 Jun 2019 13:15

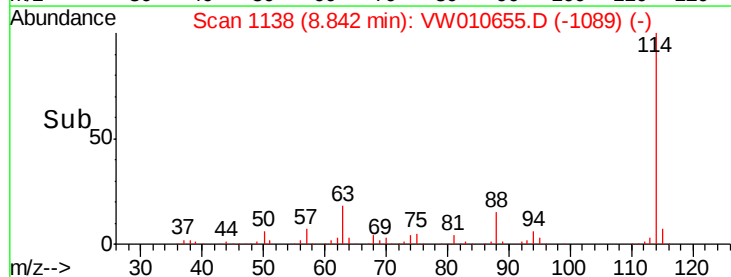
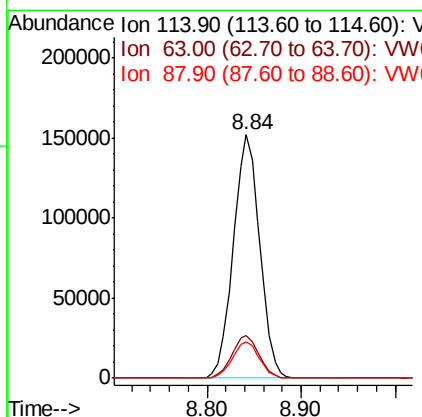
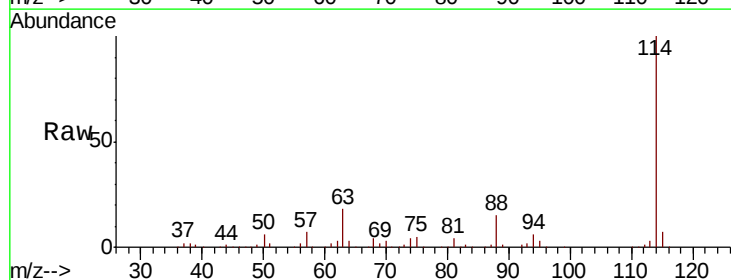
Instrument :
 MSVOA_W
 ClientSampleId :

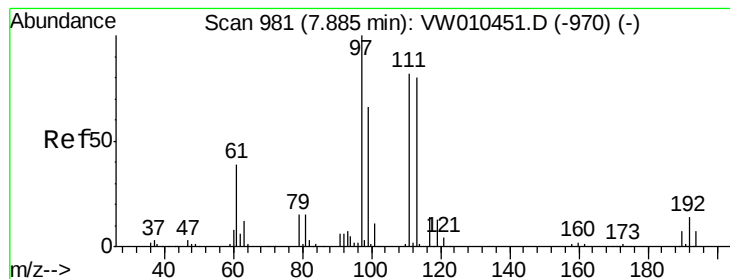
Tot Ion: 65 Resp: 89261
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010655.D
 Acq: 03 Jun 2019 13:15

Tgt Ion: 114 Resp: 294390
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 36.0
 88 14.9 0.0 32.0





#35

Dibromofluoromethane

Concen: 52.934 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW010655.D

Acq: 03 Jun 2019 13:15

Instrument :

MSVOA_W

ClientSampled :

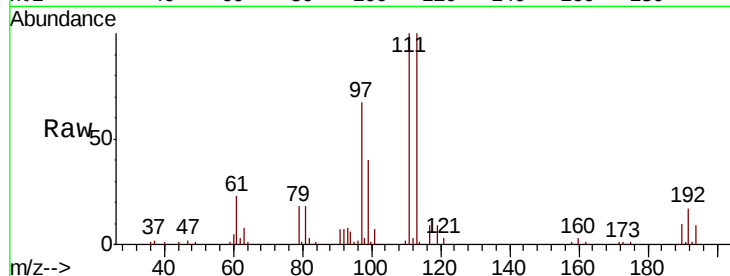
Tot Ion:113 Resp: 94556

Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.4

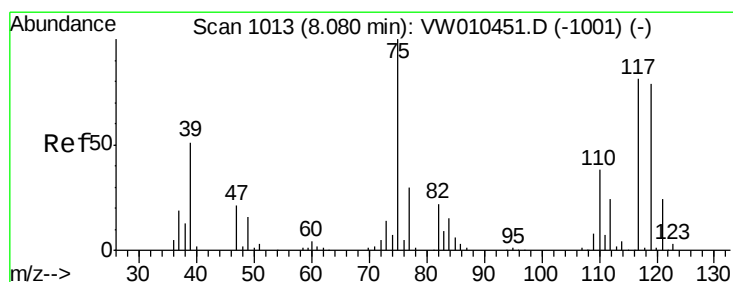
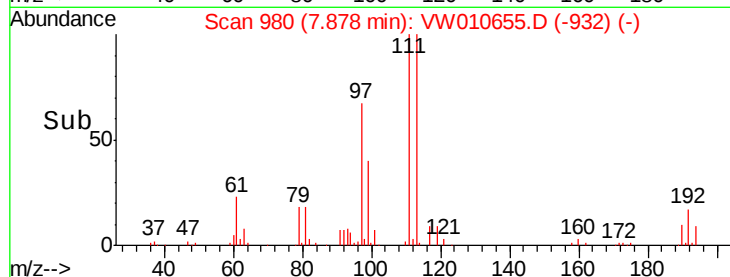
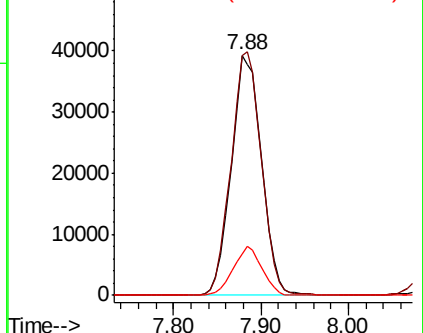
192 19.2 14.3 21.5



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: 21.128 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW010655.D

Acq: 03 Jun 2019 13:15

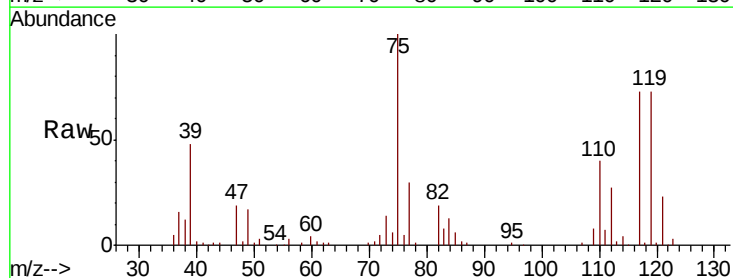
Tgt Ion: 75 Resp: 57941

Ion Ratio Lower Upper

75 100

110 39.9 19.2 57.6

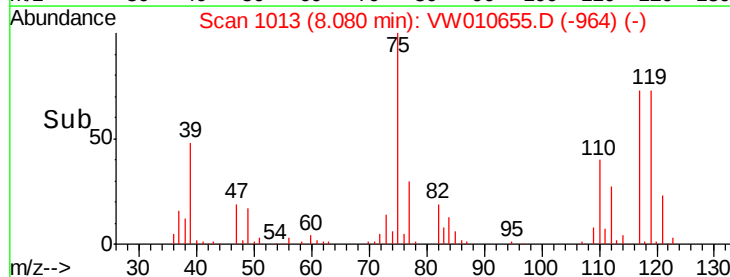
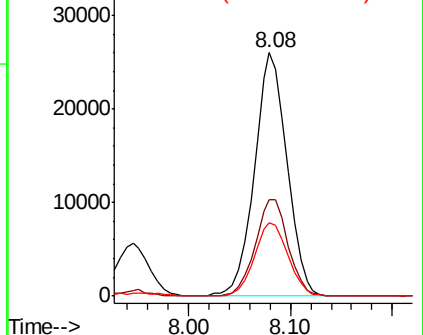
77 31.1 25.2 37.8

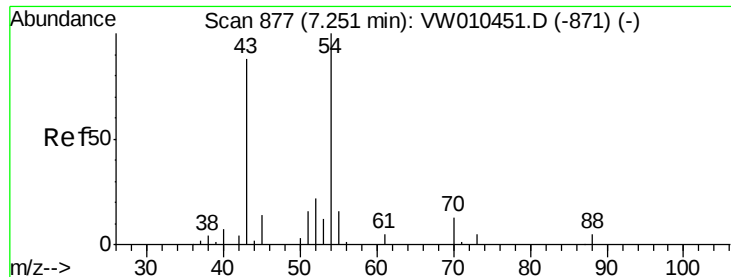


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 19.930 ug/l

RT: 7.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: VW010655.D

Acq: 03 Jun 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

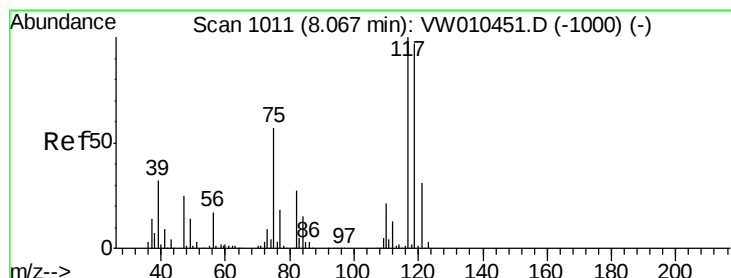
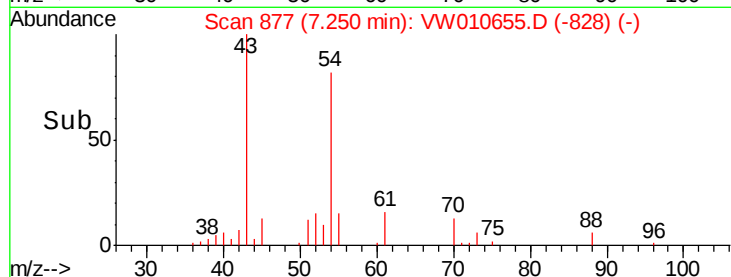
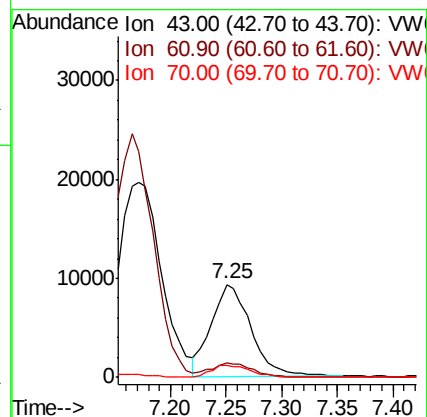
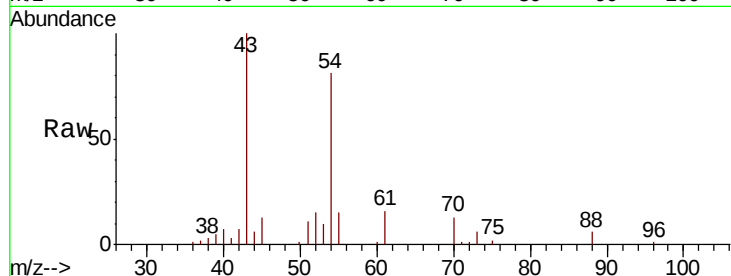
Tot Ion: 43 Resp: 23242

Ion Ratio Lower Upper

43 100

61 16.1 11.2 16.8

70 13.0 9.9 14.9



#38

Carbon Tetrachloride

Concen: 21.771 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW010655.D

Acq: 03 Jun 2019 13:15

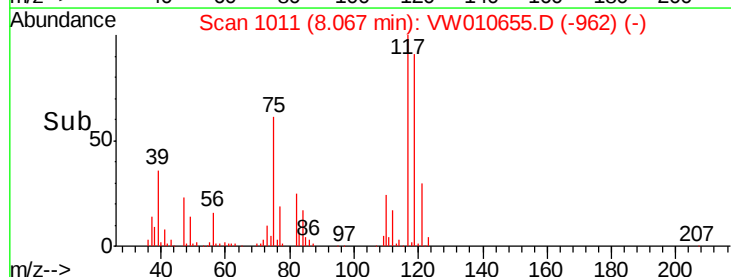
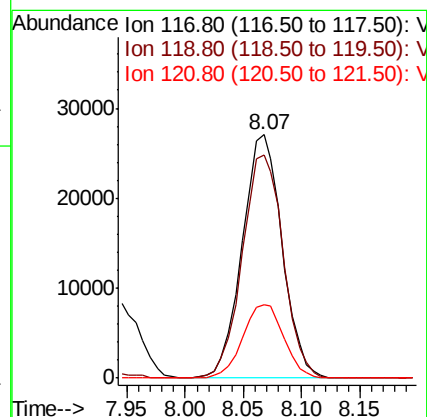
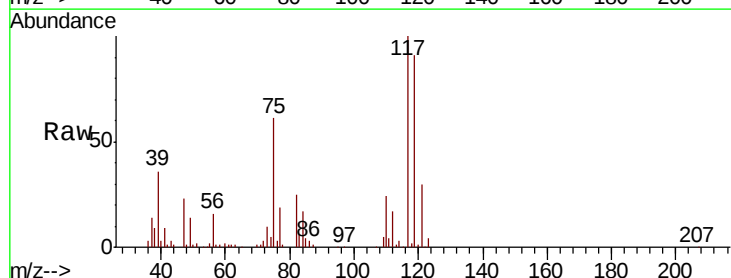
Tgt Ion: 117 Resp: 64406

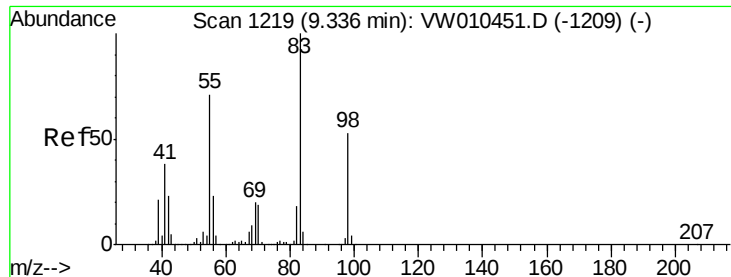
Ion Ratio Lower Upper

117 100

119 91.5 77.4 116.0

121 30.1 25.0 37.6

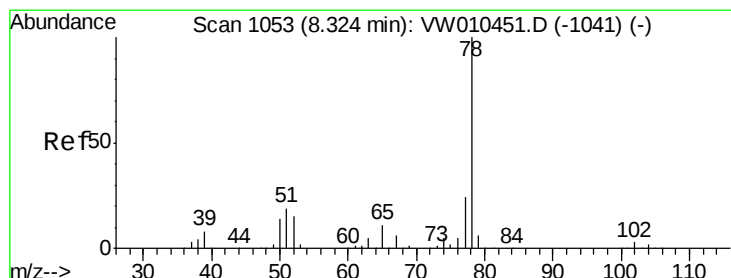
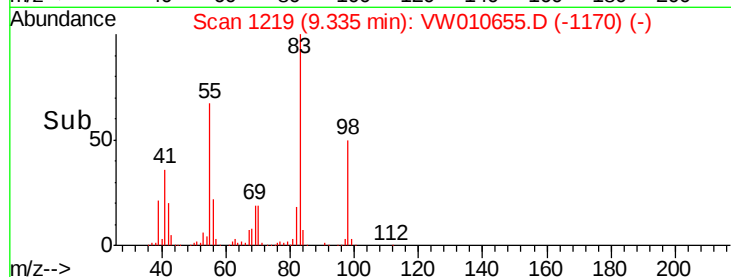
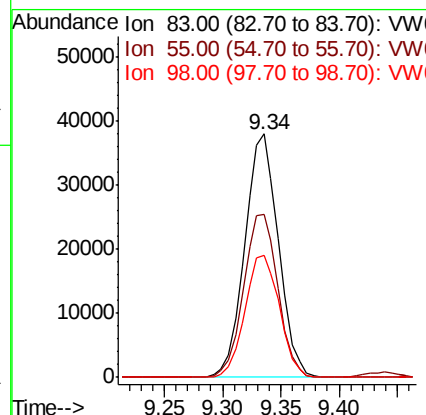
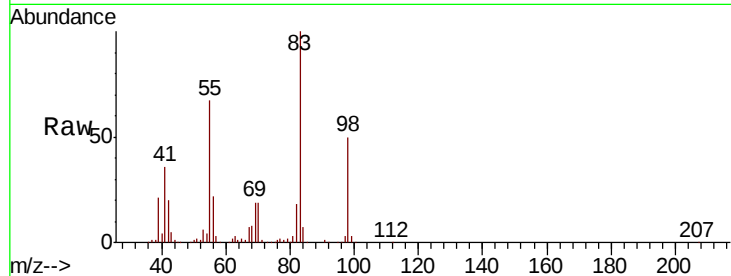




#39
Methvlcvclohexane
Concen: 20.748 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010655.D
Acq: 03 Jun 2019 13:15

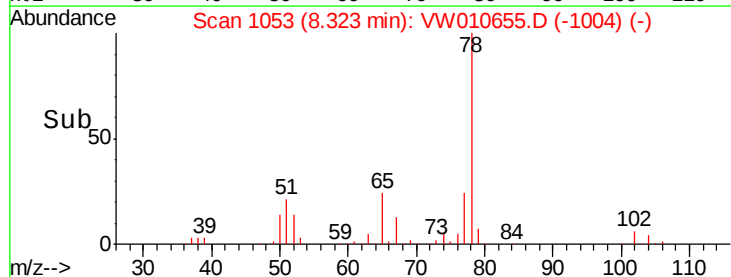
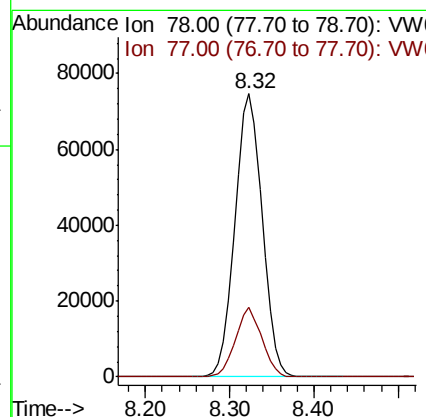
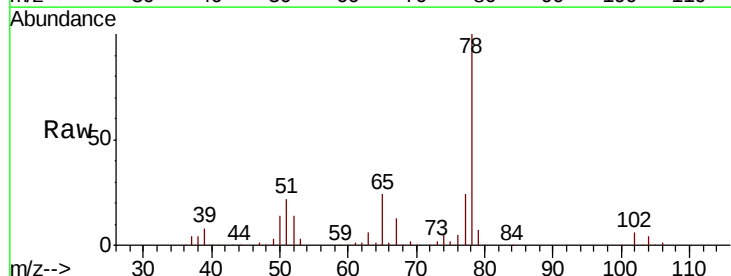
Instrument :
MSVOA_W
ClientSampled :

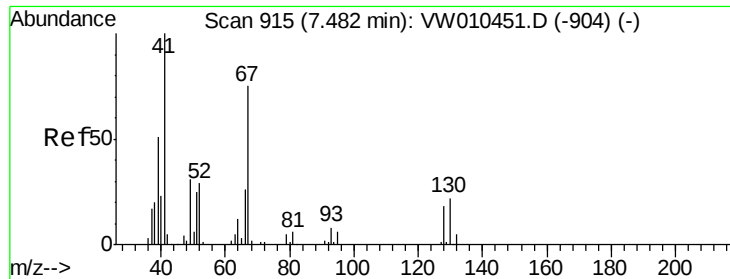
Tot Ion: 83 Resp: 76232
Ion Ratio Lower Upper
83 100
55 67.1 57.0 85.6
98 49.9 42.0 63.0



#40
Benzene
Concen: 21.404 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010655.D
Acq: 03 Jun 2019 13:15

Tgt Ion: 78 Resp: 163147
Ion Ratio Lower Upper
78 100
77 24.5 18.9 28.3

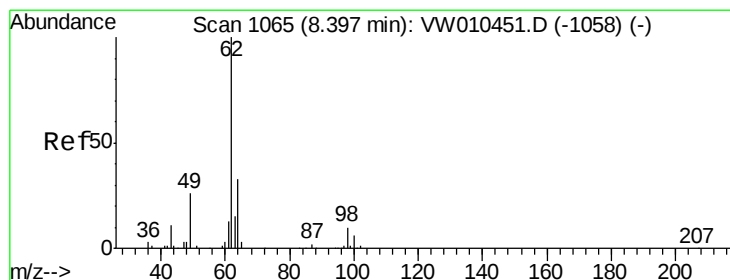
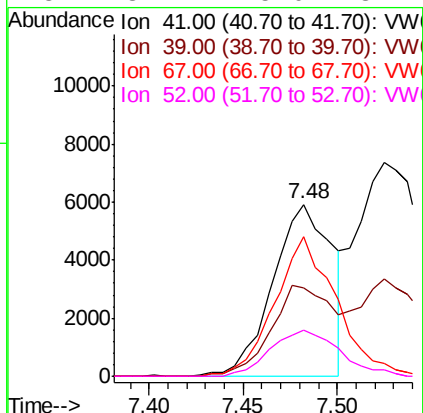
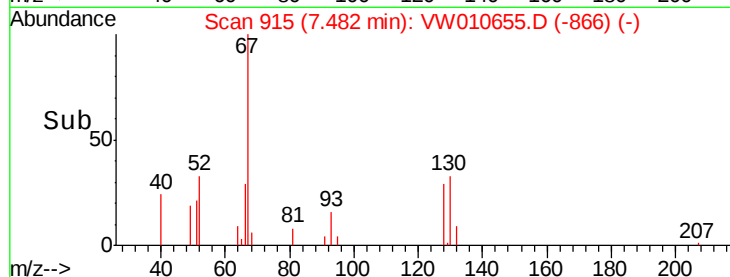
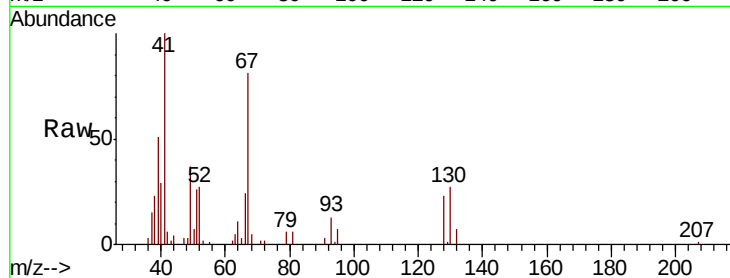




#41
Methacrylonitrile
Concen: 18.725 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW010655.D
Acq: 03 Jun 2019 13:15

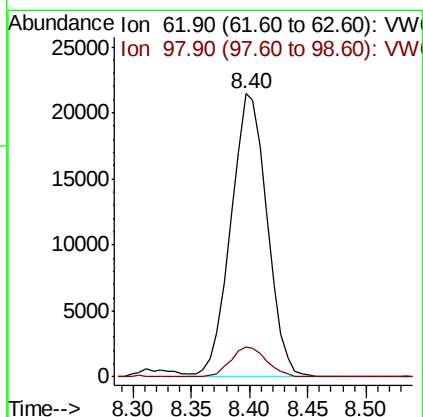
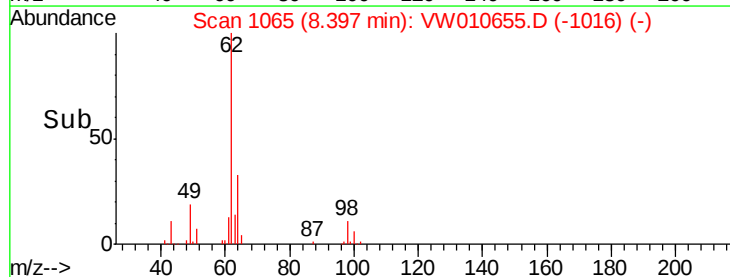
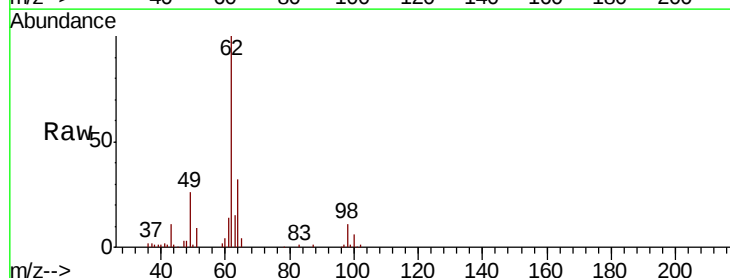
Instrument :
MSVOA_W
ClientSampled :

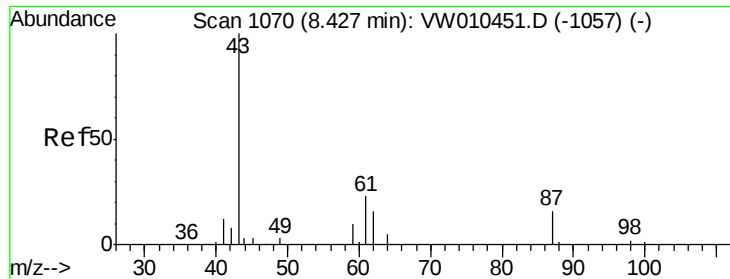
Tot Ion:	41	Resp:	12975
Ion	Ratio	Lower	Upper
41	100		
39	53.8	47.4	71.2
67	83.6	65.5	98.3
52	31.2	25.0	37.4



#42
1,2-Dichloroethane
Concen: 21.340 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW010655.D
Acq: 03 Jun 2019 13:15

Tgt Ion:	62	Resp:	46490
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	21.0





#43

Isopropyl Acetate

Concen: 19.858 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW010655.D

Acq: 03 Jun 2019 13:15

Instrument :
MSVOA_W
ClientSampled :

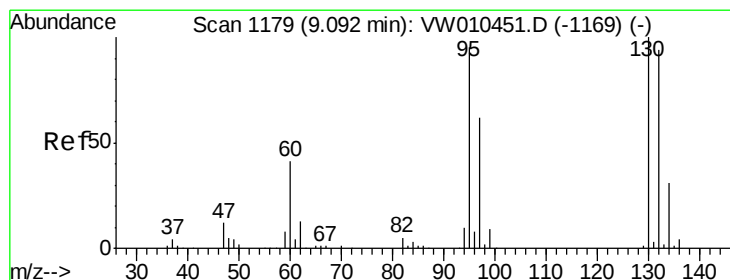
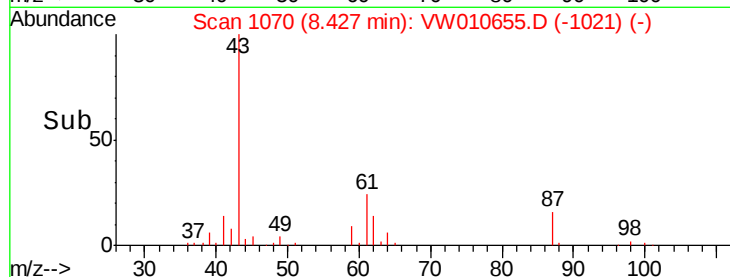
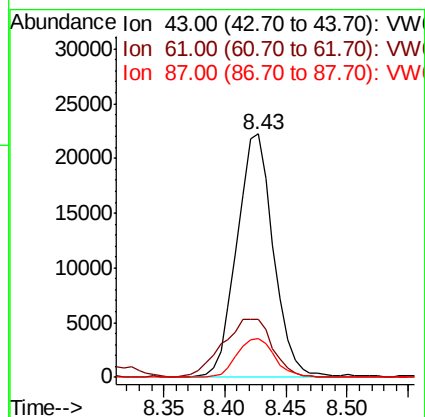
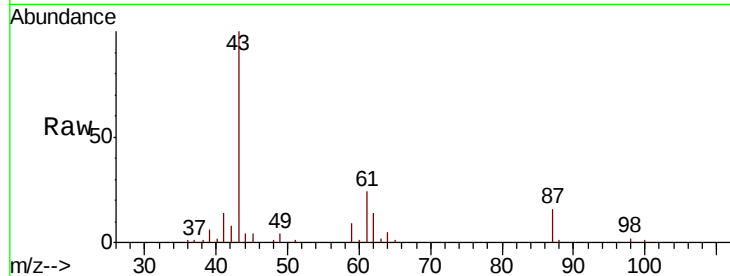
Tot Ion: 43 Resp: 46266

Ion Ratio Lower Upper

43 100

61 32.5 25.4 38.2

87 16.5 12.7 19.1



#44

Trichloroethene

Concen: 22.318 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW010655.D

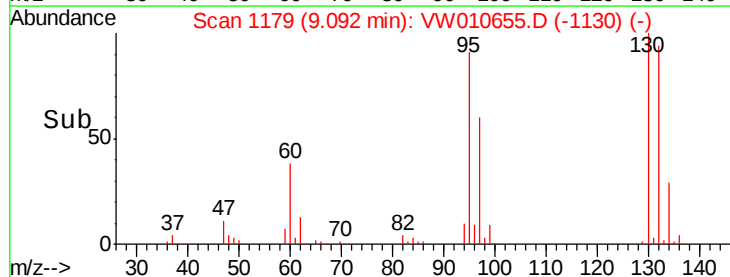
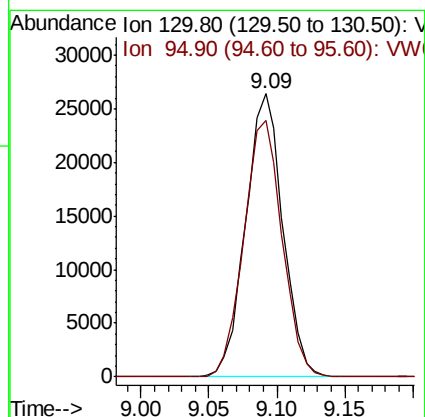
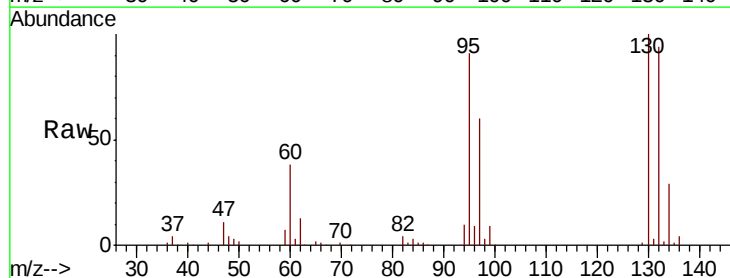
Acq: 03 Jun 2019 13:15

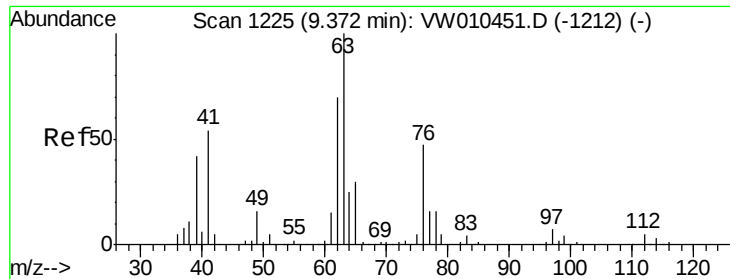
Tgt Ion: 130 Resp: 50503

Ion Ratio Lower Upper

130 100

95 90.8 0.0 189.6





#45

1,2-Dichloropropane

Concen: 21.194 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.01 min

Lab File: VW010655.D

Acq: 03 Jun 2019 13:15

Instrument :

MSVOA_W

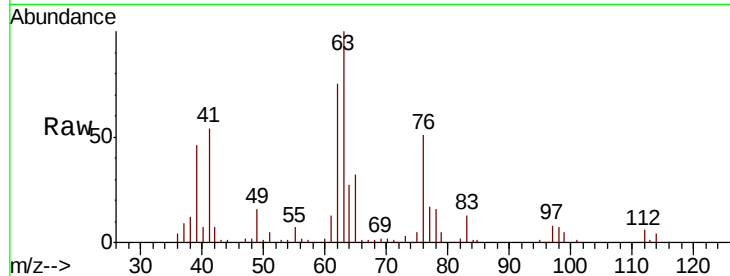
ClientSampled :

Tot Ion: 63 Resp: 38368

Ion Ratio Lower Upper

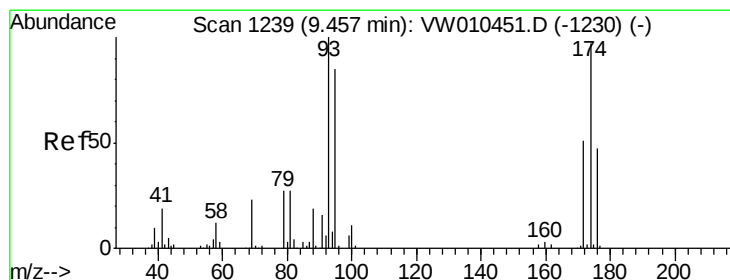
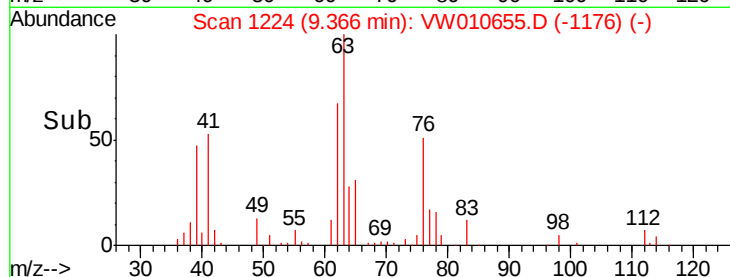
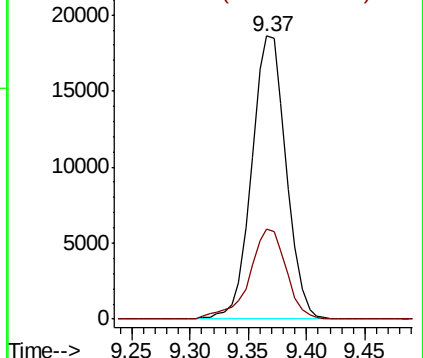
63 100

65 32.0 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 22.065 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW010655.D

Acq: 03 Jun 2019 13:15

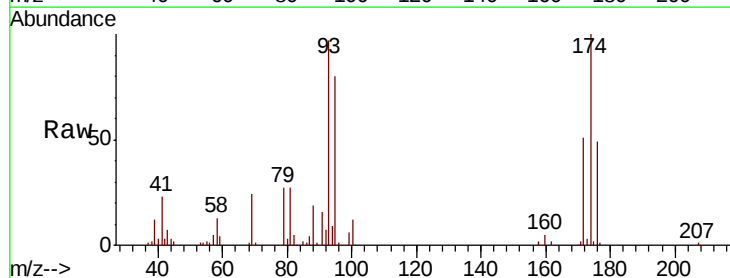
Tgt Ion: 93 Resp: 23360

Ion Ratio Lower Upper

93 100

95 81.7 66.1 99.1

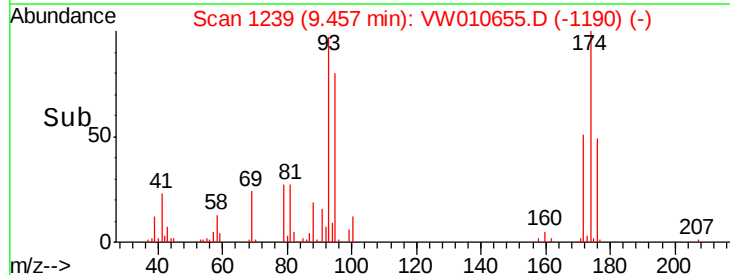
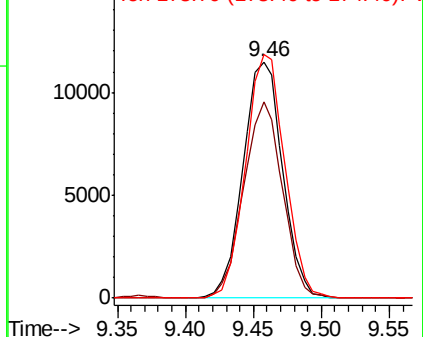
174 102.4 77.1 115.7

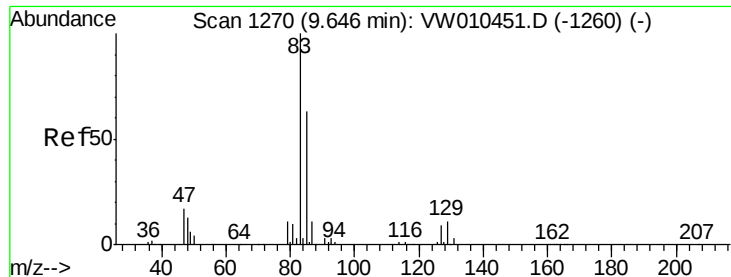


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.864 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW010655.D

Acq: 03 Jun 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

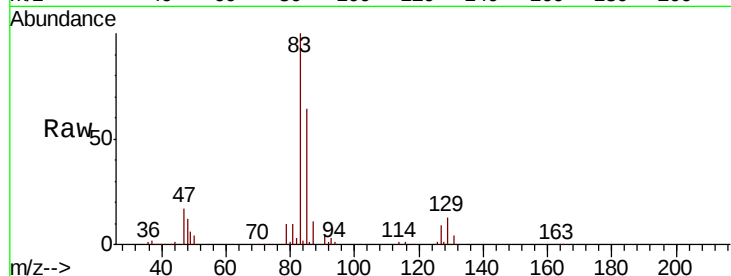
Tot Ion: 83 Resp: 55508

Ion Ratio Lower Upper

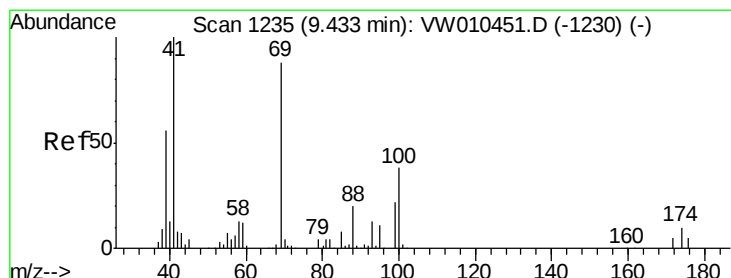
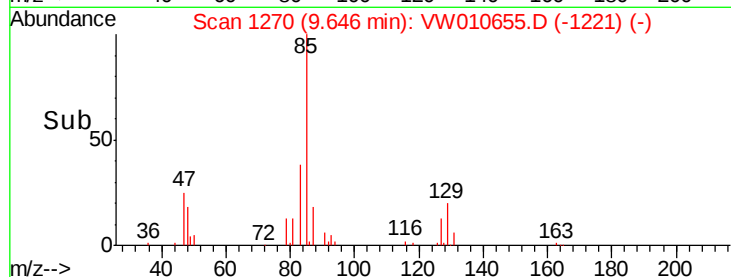
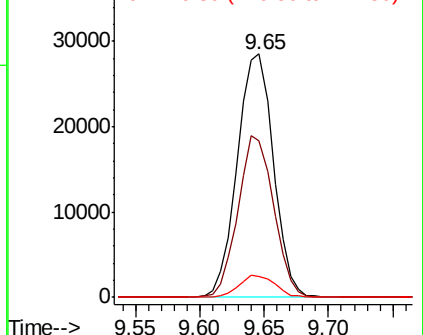
83 100

85 64.1 50.4 75.6

127 8.6 7.4 11.0



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



#48

Methyl methacrylate

Concen: 20.032 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.01 min

Lab File: VW010655.D

Acq: 03 Jun 2019 13:15

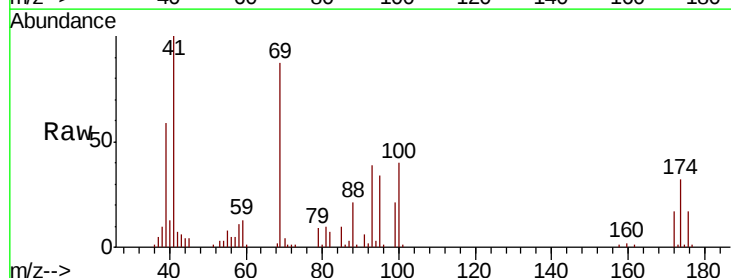
Tgt Ion: 41 Resp: 21351

Ion Ratio Lower Upper

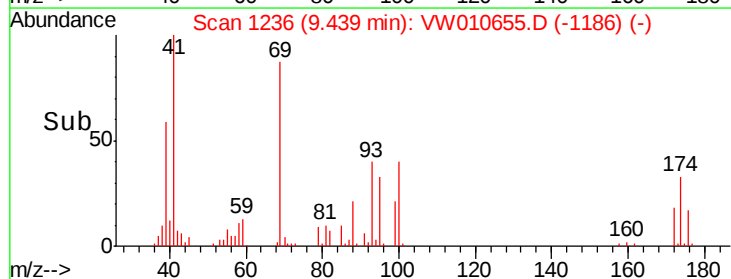
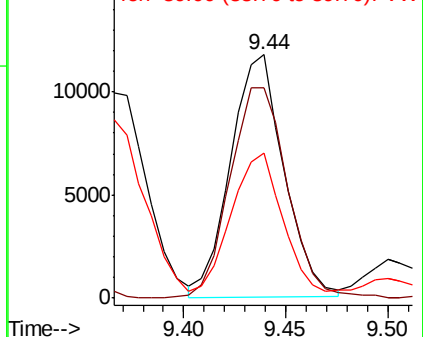
41 100

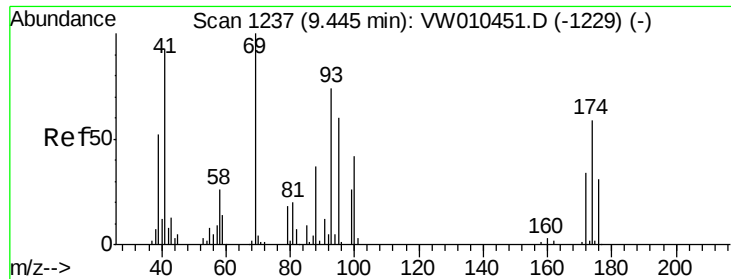
69 94.0 77.6 116.4

39 60.8 49.8 74.8



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

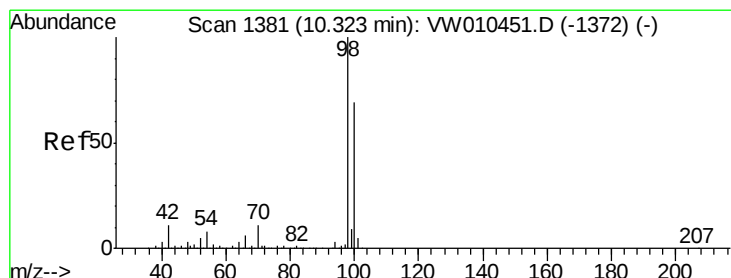
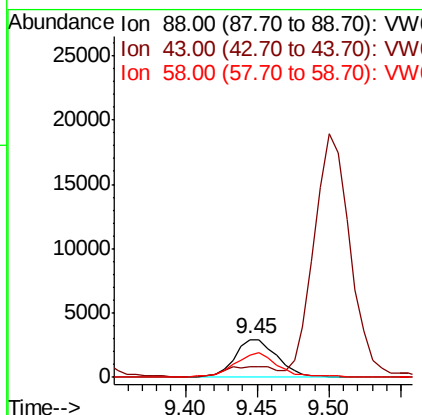
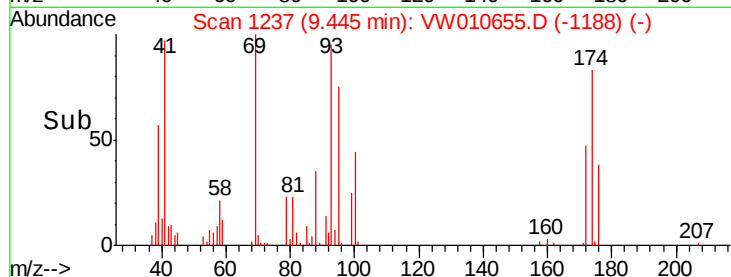
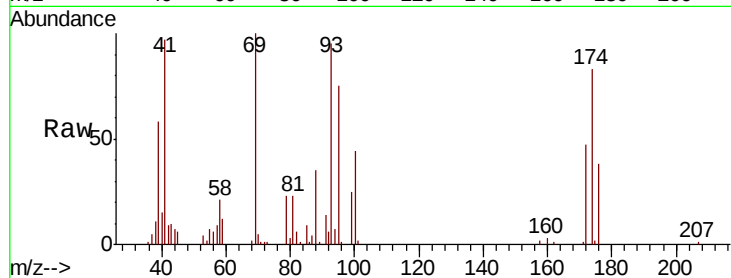




#49
1,4-Dioxane
Concen: 350.460 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW010655.D
Acq: 03 Jun 2019 13:15

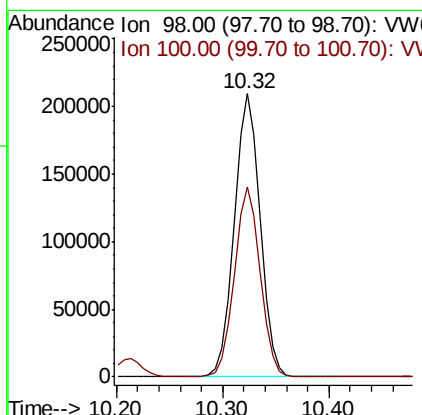
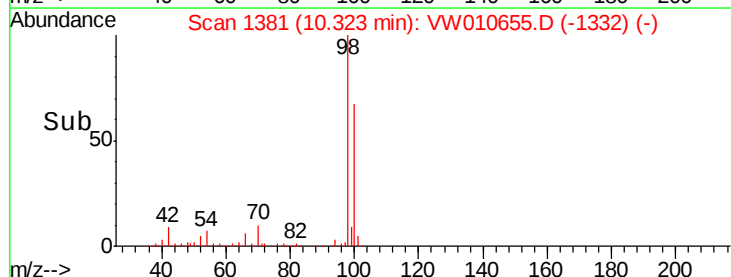
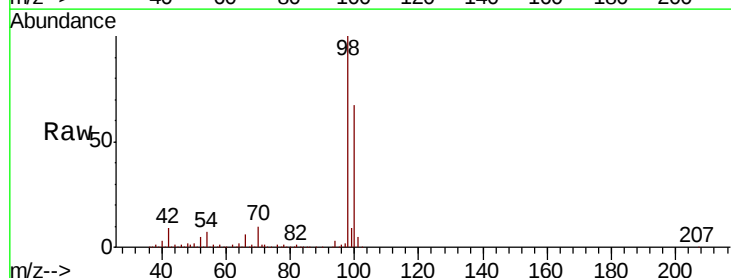
Instrument :
MSVOA_W
ClientSampled :

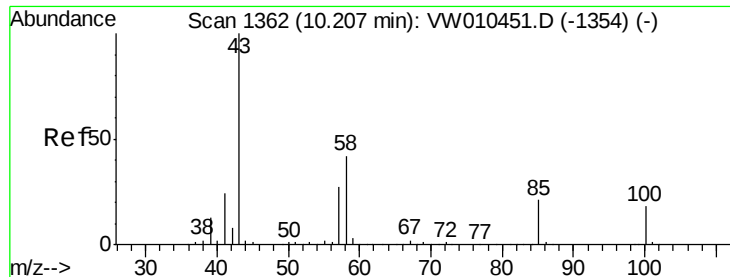
Tot Ion: 88 Resp: 6061
Ion Ratio Lower Upper
88 100
43 33.0 25.9 38.9
58 66.8 52.7 79.1



#50
Toluene-d8
Concen: 52.400 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010655.D
Acq: 03 Jun 2019 13:15

Tgt Ion: 98 Resp: 357585
Ion Ratio Lower Upper
98 100
100 66.8 53.7 80.5





#51

4-Methyl-2-Pentanone

Concen: 97.939 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW010655.D

Acq: 03 Jun 2019 13:15

Instrument :

MSVOA_W

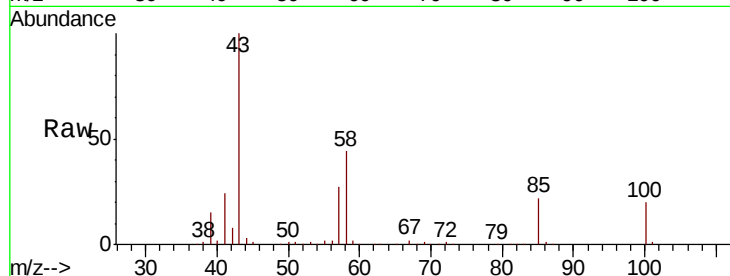
ClientSampleId :

Tot Ion: 43 Resp: 115623

Ion Ratio Lower Upper

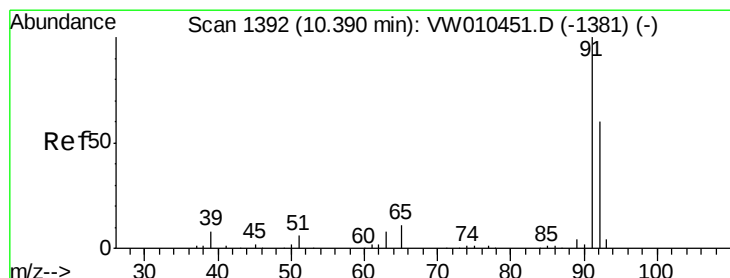
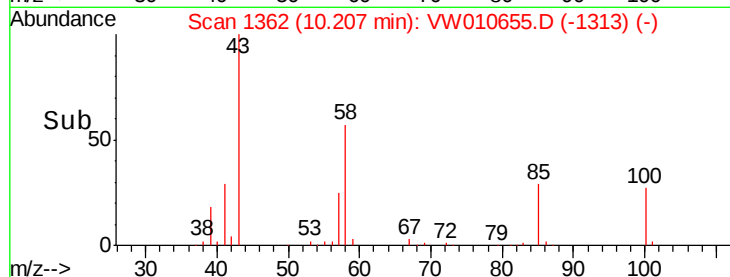
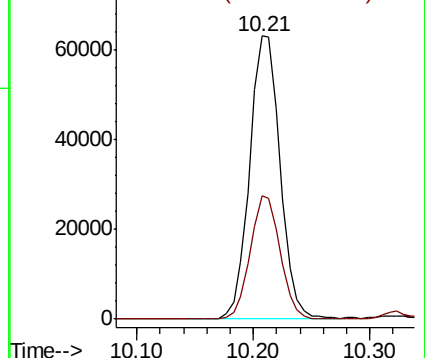
43 100

58 42.8 33.2 49.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 21.993 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010655.D

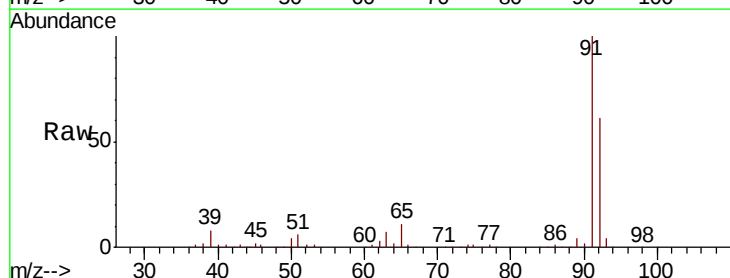
Acq: 03 Jun 2019 13:15

Tgt Ion: 92 Resp: 112582

Ion Ratio Lower Upper

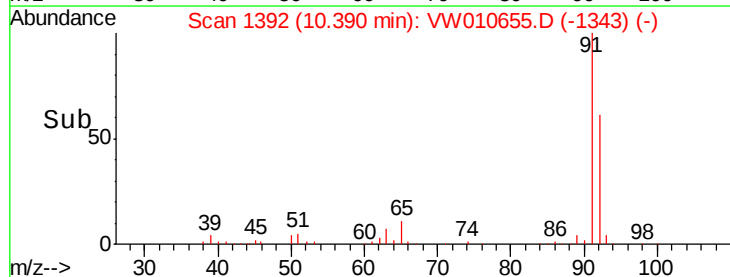
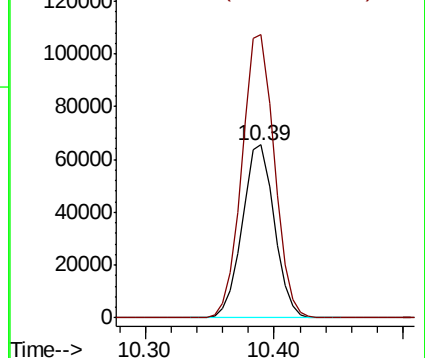
92 100

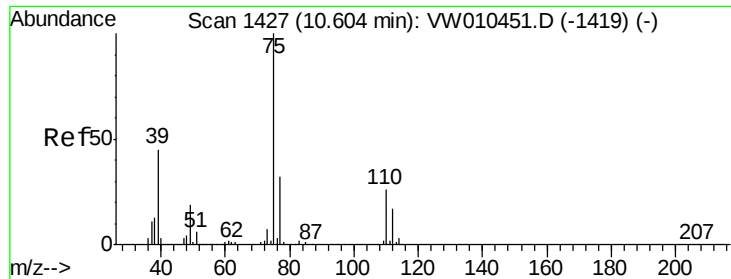
91 165.9 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

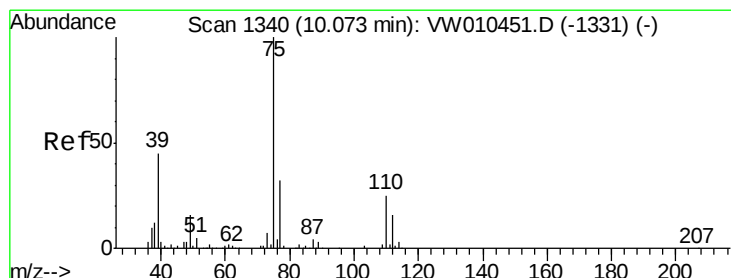
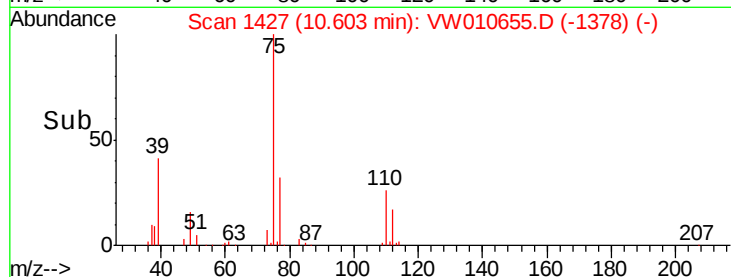
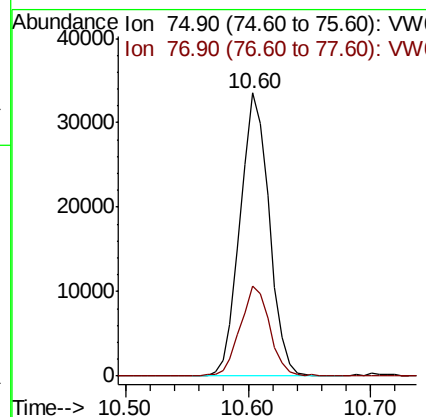
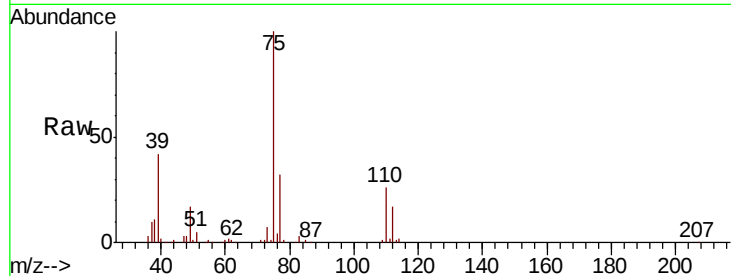




#53
 t-1,3-Dichloropropene
 Concen: 20.525 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW010655.D
 Acq: 03 Jun 2019 13:15

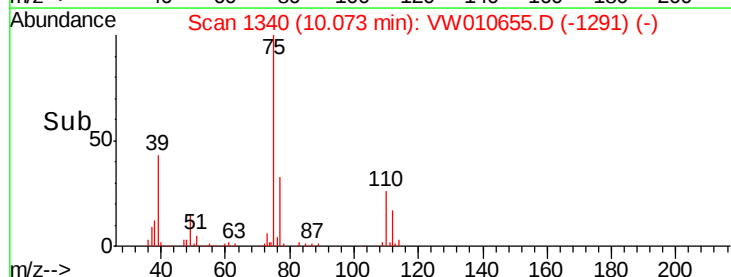
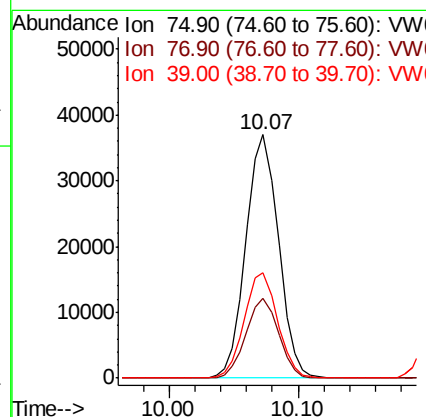
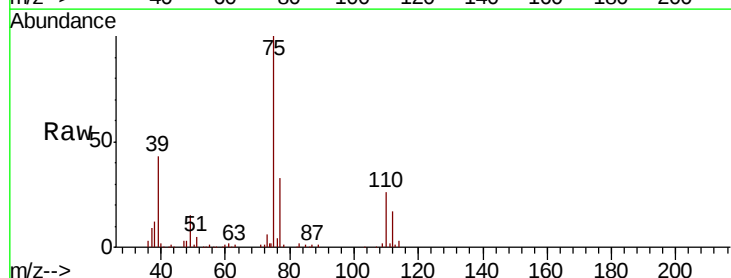
Instrument :
 MSVOA_W
 ClientSampleId :

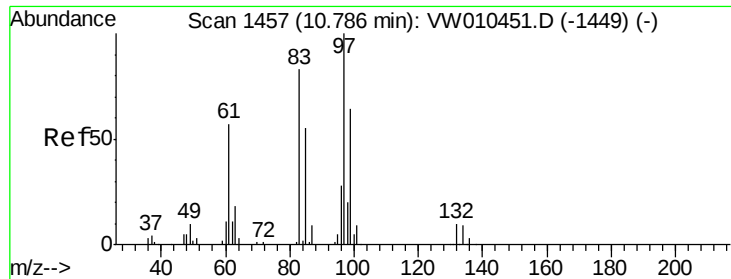
Tot Ion: 75 Resp: 55303
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 21.101 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW010655.D
 Acq: 03 Jun 2019 13:15

Tgt Ion: 75 Resp: 64931
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.7 38.5
 39 43.3 36.2 54.4

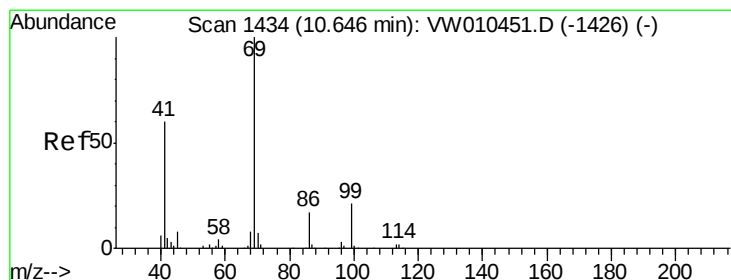
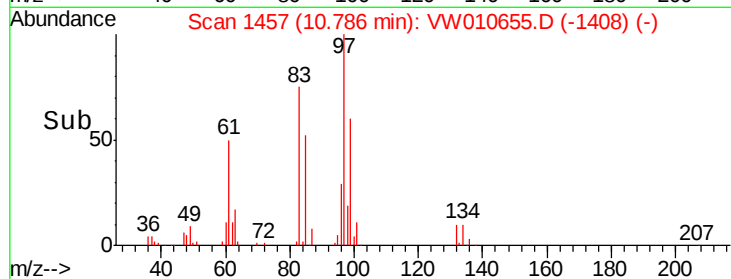
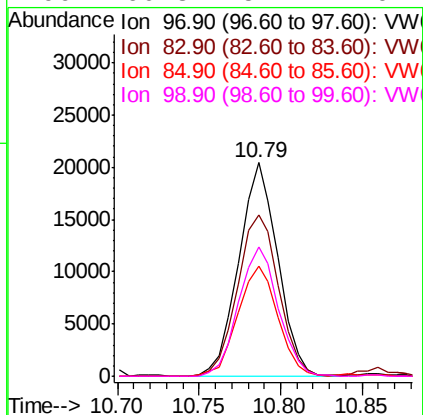
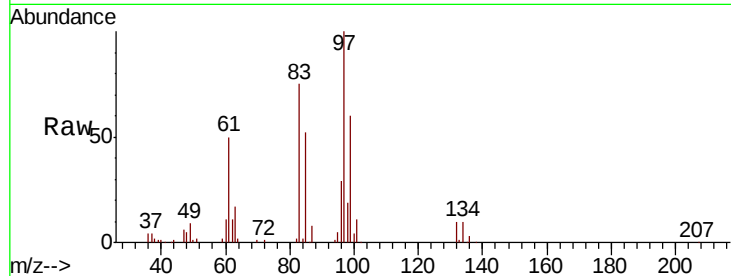




#55
 1,1,2-Trichloroethane
 Concen: 22.346 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010655.D
 Acq: 03 Jun 2019 13:15

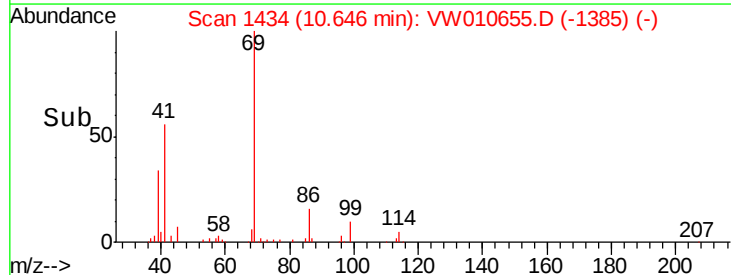
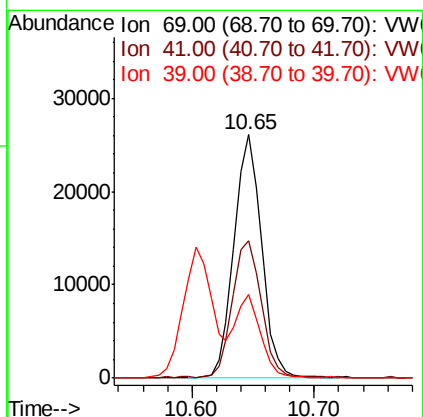
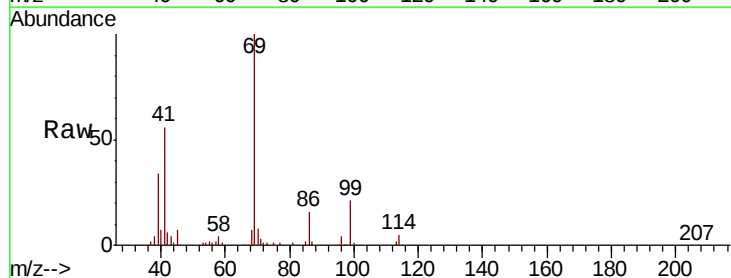
Instrument :
 MSVOA_W
 ClientSampleId :

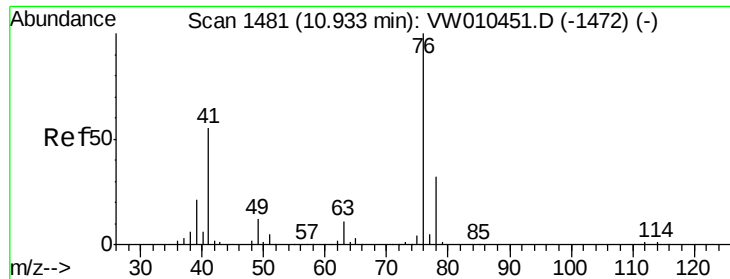
Tot Ion	97	Resp	34020
Ion	Ratio	Lower	Upper
97	100		
83	75.5	66.1	99.1
85	51.7	44.2	66.4
99	60.3	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 19.433 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010655.D
 Acq: 03 Jun 2019 13:15

Tgt Ion	69	Resp	40802
Ion	Ratio	Lower	Upper
69	100		
41	58.5	47.7	71.5
39	30.7	25.3	37.9

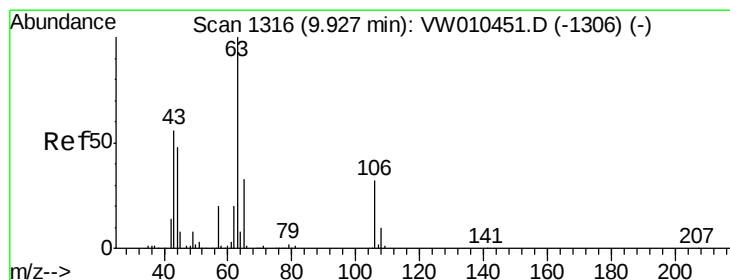
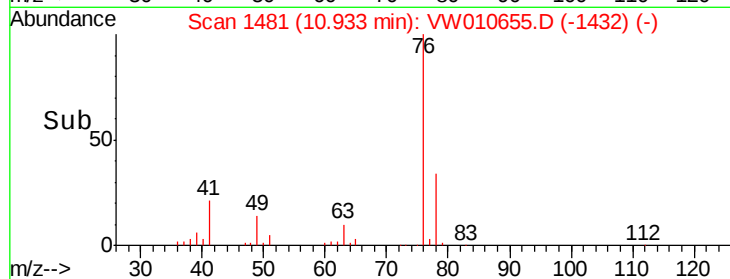
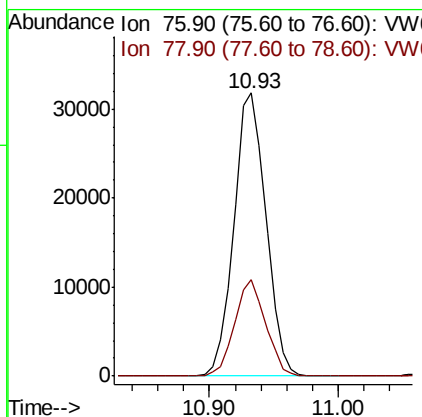
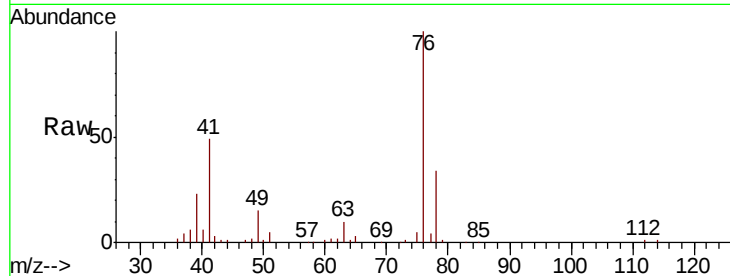




#57
 1,3-Dichloropropane
 Concen: 21.520 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010655.D
 Acq: 03 Jun 2019 13:15

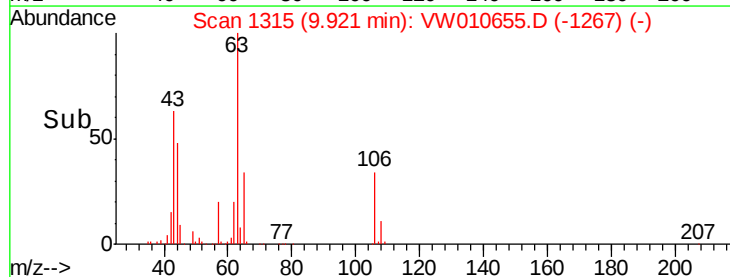
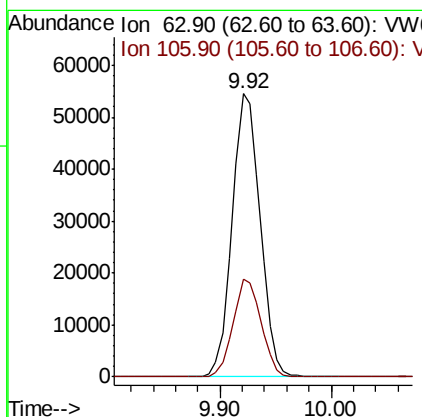
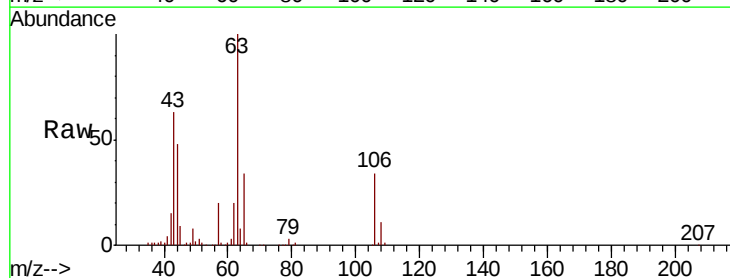
Instrument :
 MSVOA_W
 ClientSampled :

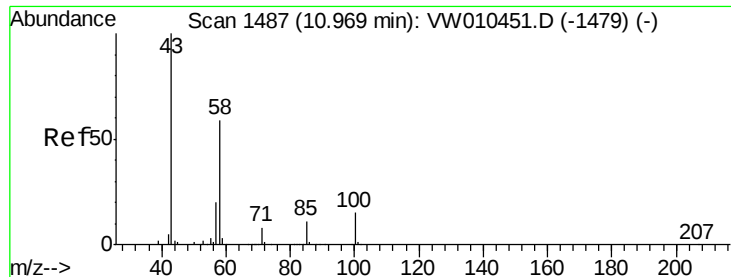
Tot Ion: 76 Resp: 54878
 Ion Ratio Lower Upper
 76 100
 78 33.1 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.066 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW010655.D
 Acq: 03 Jun 2019 13:15

Tgt Ion: 63 Resp: 94921
 Ion Ratio Lower Upper
 63 100
 106 34.4 25.8 38.6

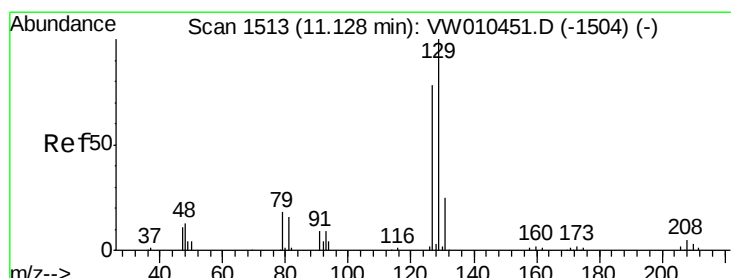
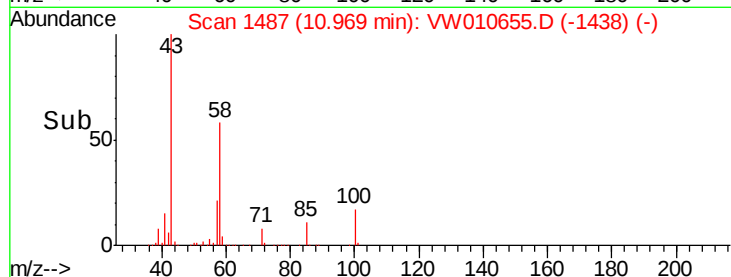
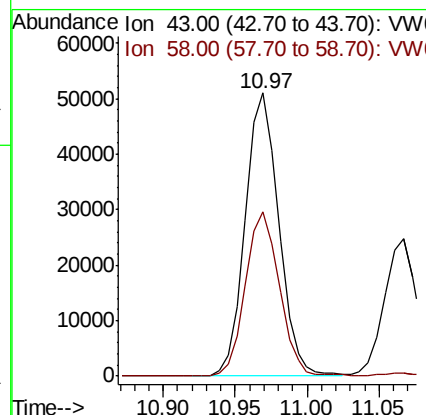
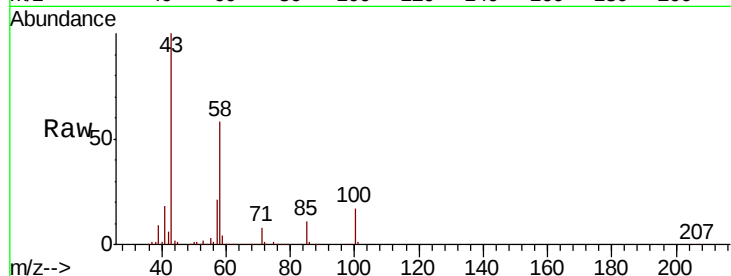




#59
2-Hexanone
Concen: 98.297 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010655.D
Acq: 03 Jun 2019 13:15

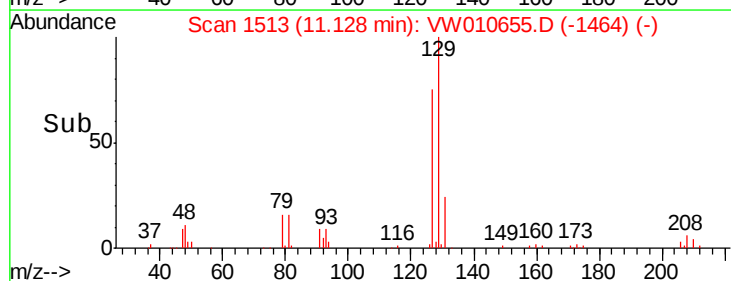
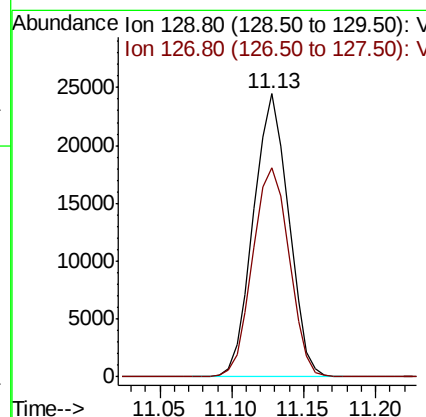
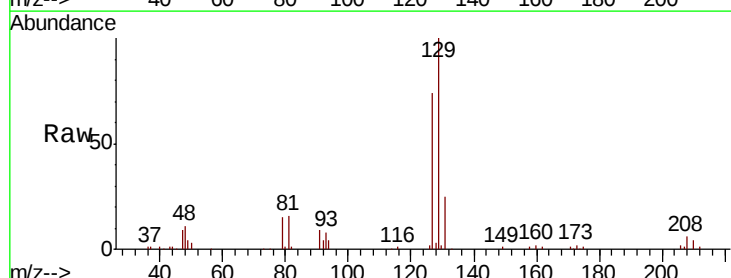
Instrument :
MSVOA_W
ClientSampled :

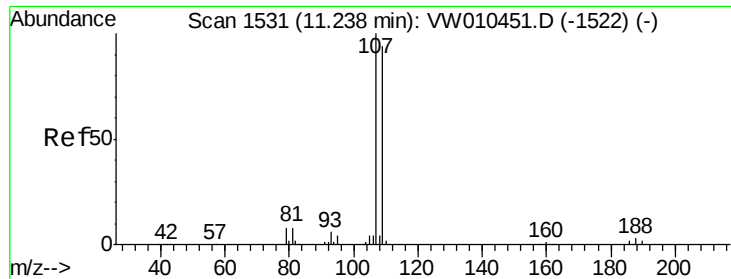
Tot Ion: 43 Resp: 82781
Ion Ratio Lower Upper
43 100
58 58.7 28.9 86.8



#60
Dibromochloromethane
Concen: 21.527 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010655.D
Acq: 03 Jun 2019 13:15

Tgt Ion: 129 Resp: 41478
Ion Ratio Lower Upper
129 100
127 76.6 38.9 116.7

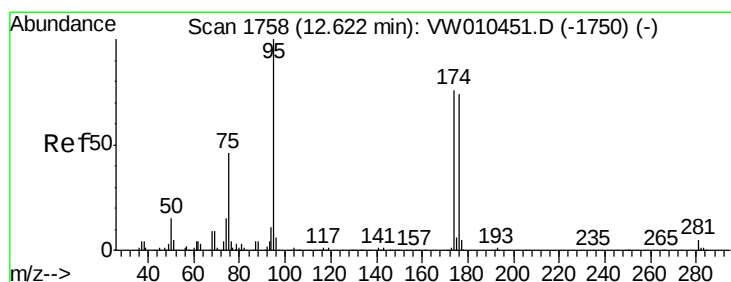
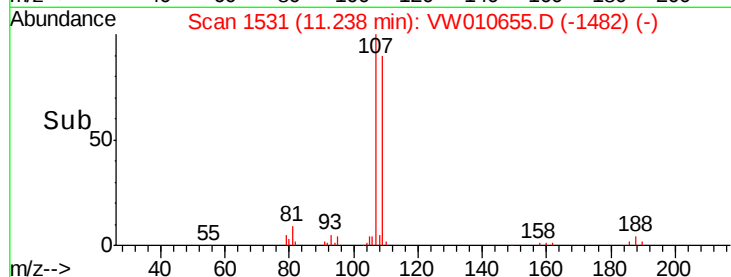
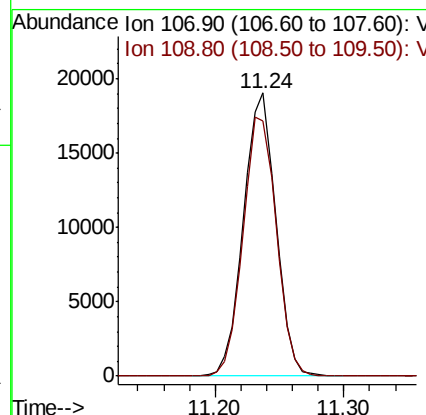
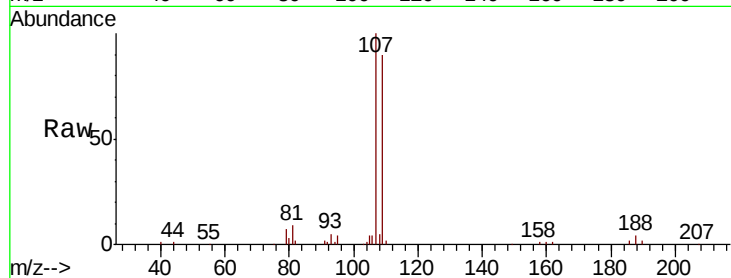




#61
 1,2-Dibromoethane
 Concen: 21.440 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW010655.D
 Acq: 03 Jun 2019 13:15

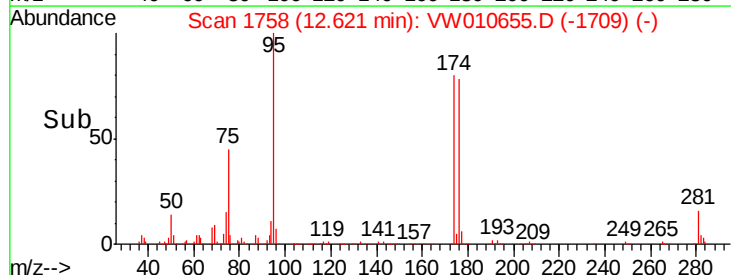
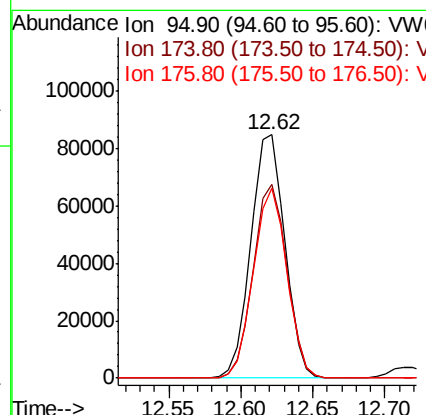
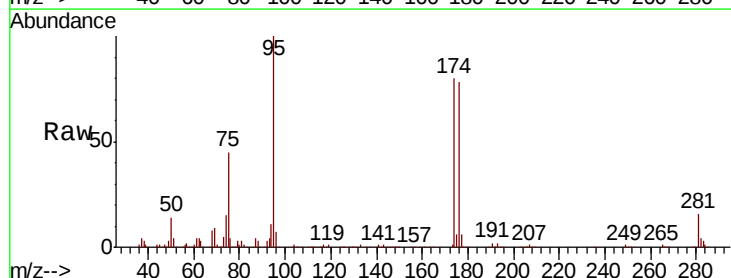
Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:107 Resp: 33064
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 50.847 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW010655.D
 Acq: 03 Jun 2019 13:15

Tgt Ion: 95 Resp: 138209
 Ion Ratio Lower Upper
 95 100
 174 78.9 0.0 148.6
 176 76.7 0.0 144.2

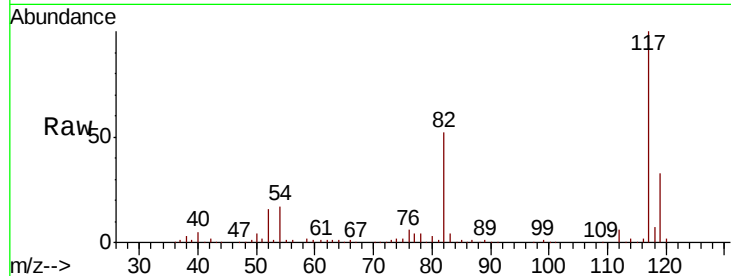




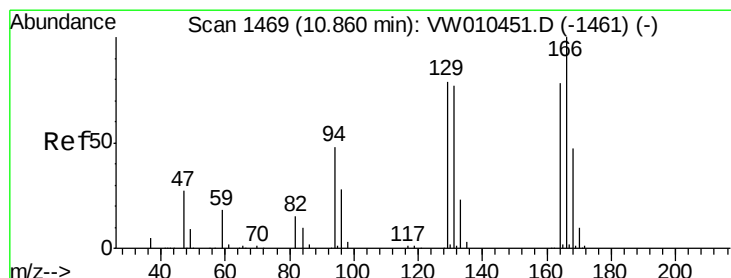
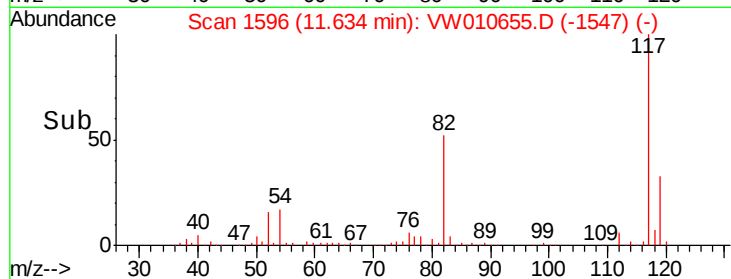
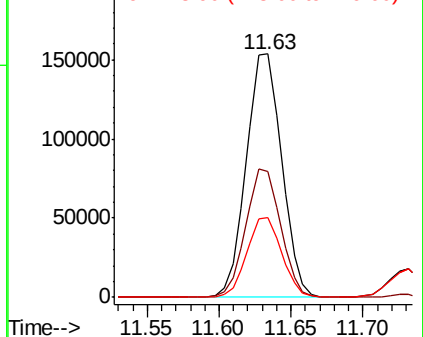
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010655.D
Acq: 03 Jun 2019 13:15

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 262049
Ion Ratio Lower Upper
117 100
82 51.5 42.8 64.2
119 32.9 26.3 39.5

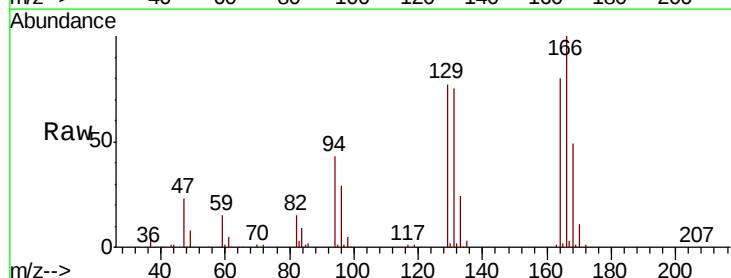


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

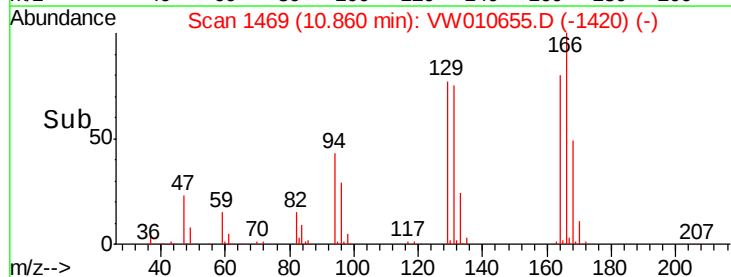
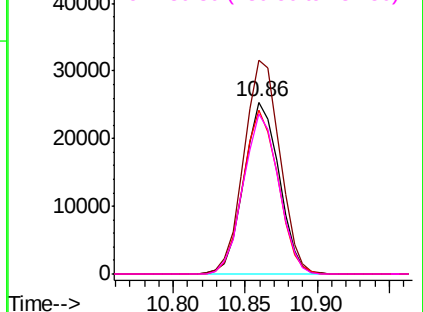


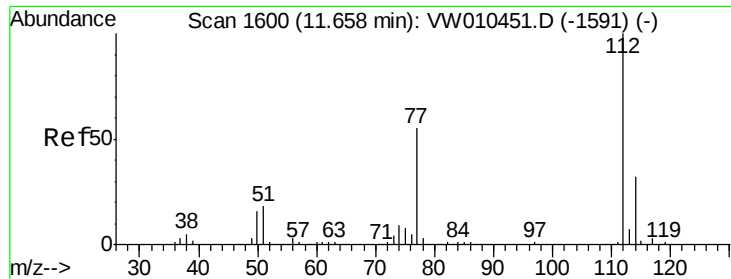
#64
Tetrachloroethene
Concen: 23.485 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010655.D
Acq: 03 Jun 2019 13:15

Tgt Ion:164 Resp: 42901
Ion Ratio Lower Upper
164 100
166 124.4 101.9 152.9
129 95.6 80.6 121.0
131 93.4 78.2 117.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

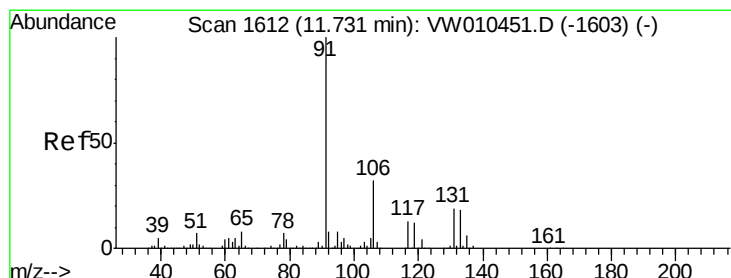
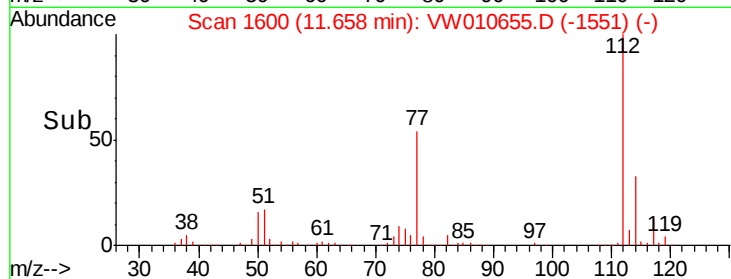
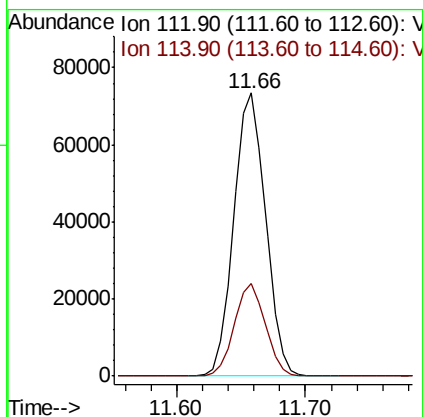
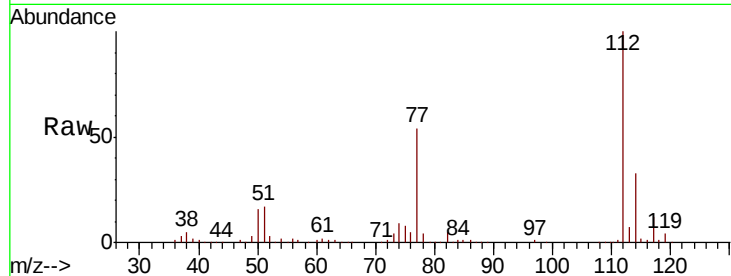




#65
Chlorobenzene
Concen: 22.534 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010655.D
Acq: 03 Jun 2019 13:15

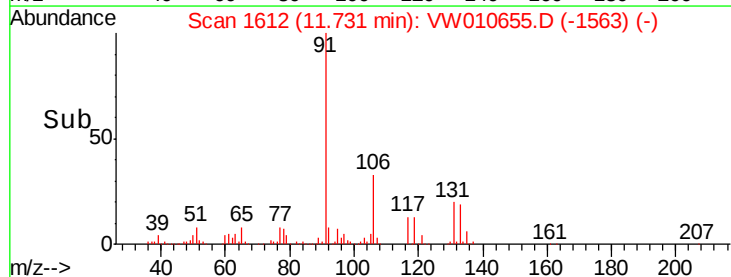
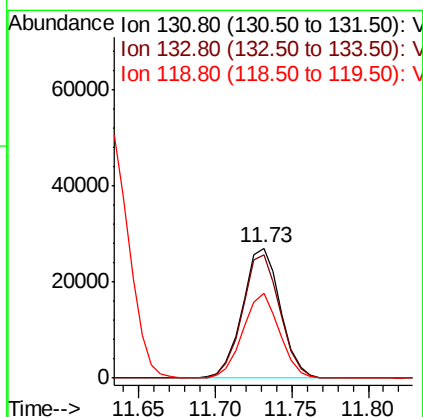
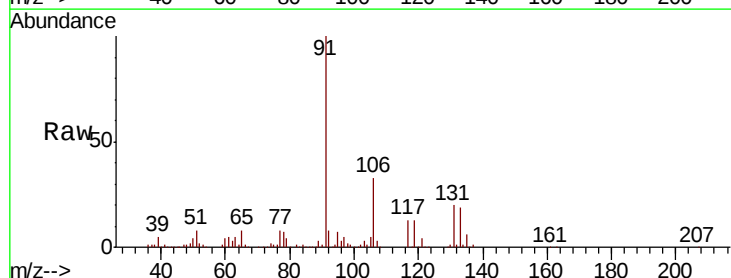
Instrument :
MSVOA_W
ClientSampleId :

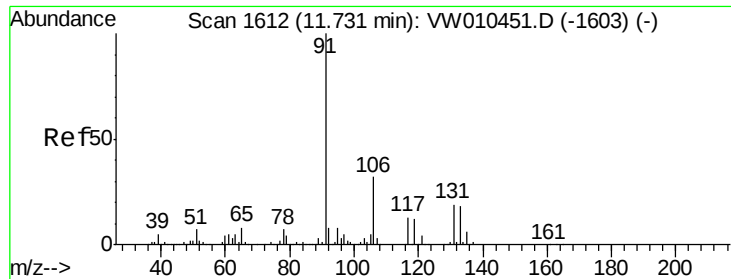
Tot Ion:112 Resp: 125850
Ion Ratio Lower Upper
112 100
114 32.9 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 23.057 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010655.D
Acq: 03 Jun 2019 13:15

Tgt Ion:131 Resp: 46128
Ion Ratio Lower Upper
131 100
133 94.5 47.3 141.9
119 63.6 32.1 96.5

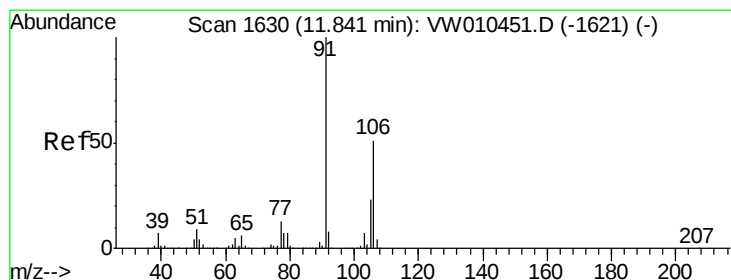
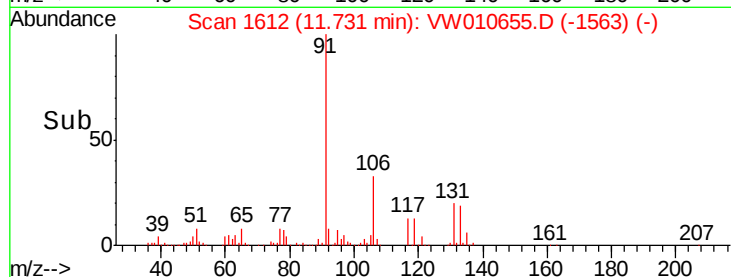
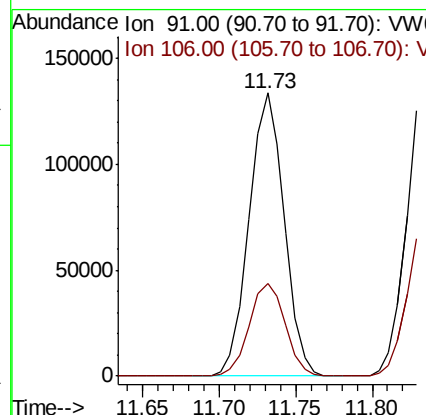
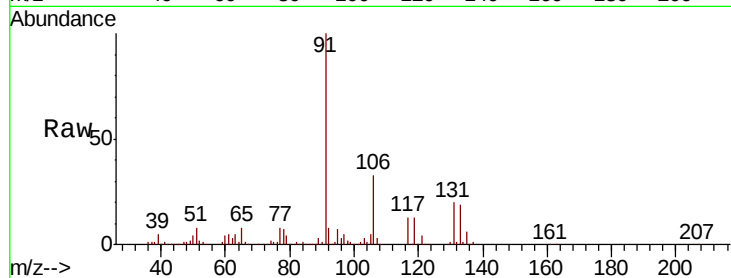




#67
Ethyl Benzene
Concen: 21.659 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010655.D
Acq: 03 Jun 2019 13:15

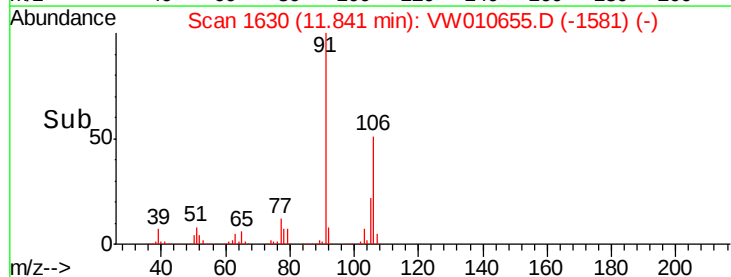
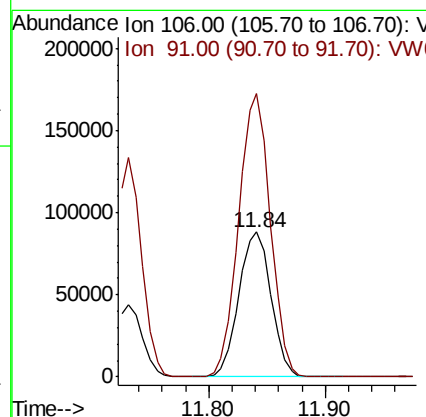
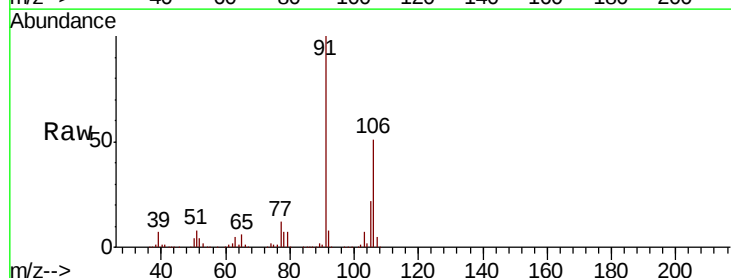
Instrument :
MSVOA_W
ClientSampled :

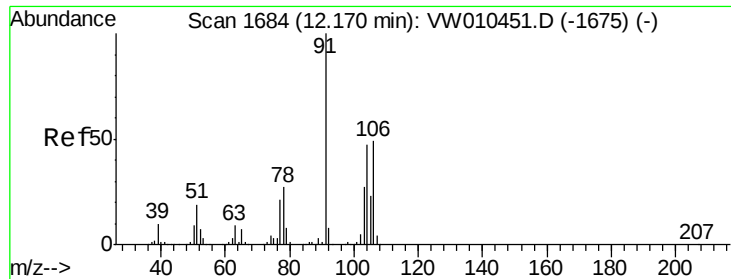
Tot Ion: 91 Resp: 213569
Ion Ratio Lower Upper
91 100
106 32.6 25.9 38.9



#68
m/p-Xylenes
Concen: 44.009 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010655.D
Acq: 03 Jun 2019 13:15

Tgt Ion: 106 Resp: 170205
Ion Ratio Lower Upper
106 100
91 191.6 156.0 234.0

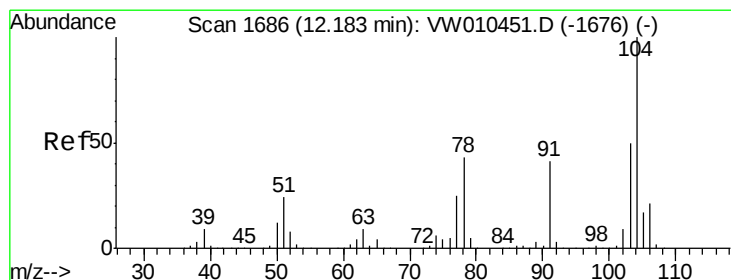
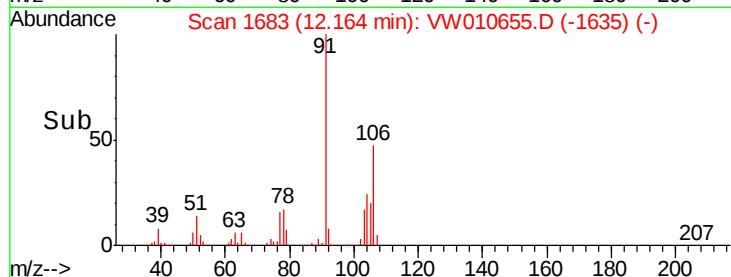
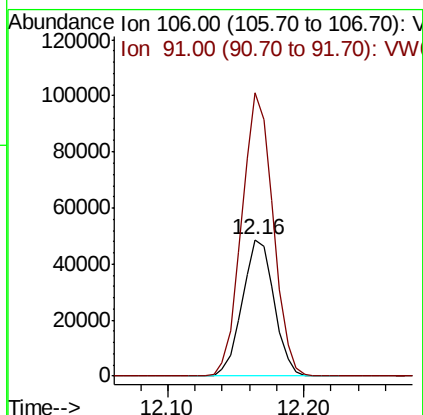
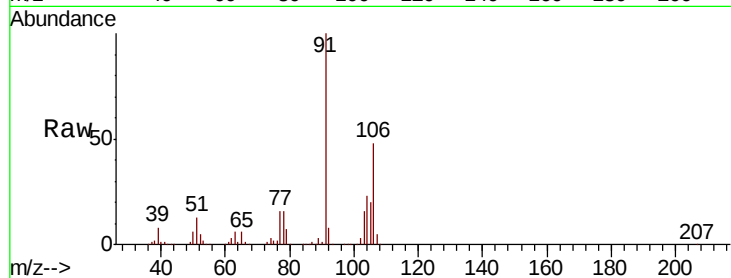




#69
o-Xylene
Concen: 21.754 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010655.D
Acq: 03 Jun 2019 13:15

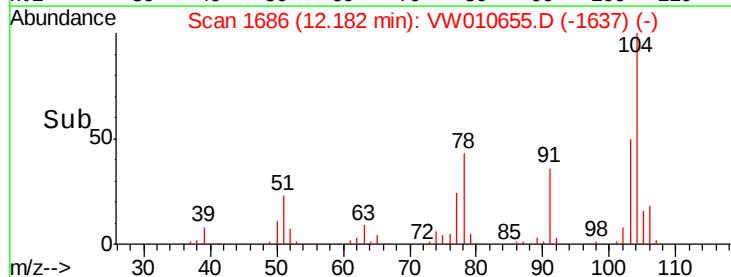
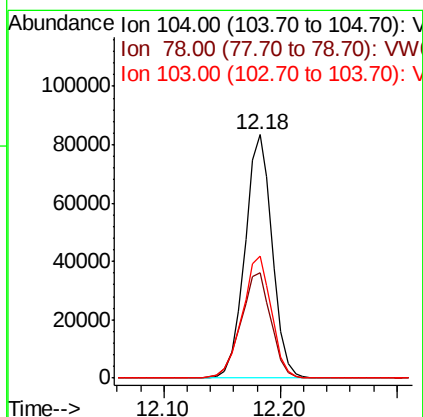
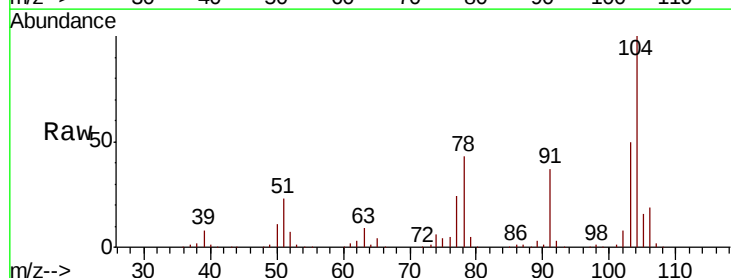
Instrument :
MSVOA_W
ClientSampled :

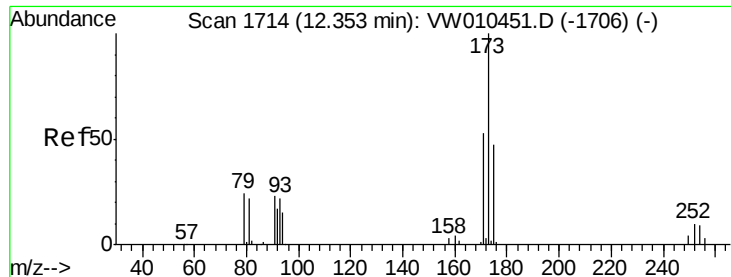
Tot Ion:106 Resp: 79711
Ion Ratio Lower Upper
106 100
91 204.0 103.2 309.4



#70
Styrene
Concen: 21.761 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010655.D
Acq: 03 Jun 2019 13:15

Tgt Ion:104 Resp: 135293
Ion Ratio Lower Upper
104 100
78 47.8 39.0 58.4
103 53.7 43.0 64.6

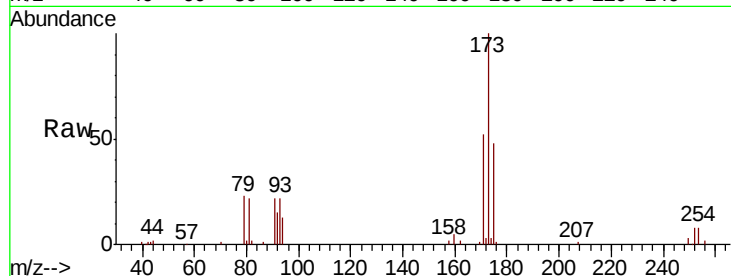




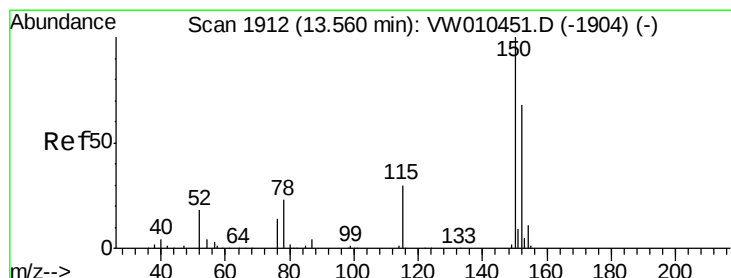
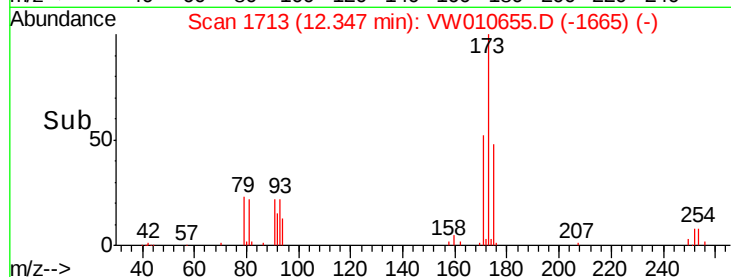
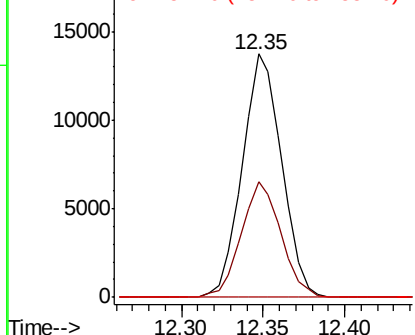
#71
Bromoform
Concen: 20.874 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: VW010655.D
Acq: 03 Jun 2019 13:15

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:173 Resp: 22997
Ion Ratio Lower Upper
173 100
175 47.9 24.4 73.4
254 0.0 0.0 0.0

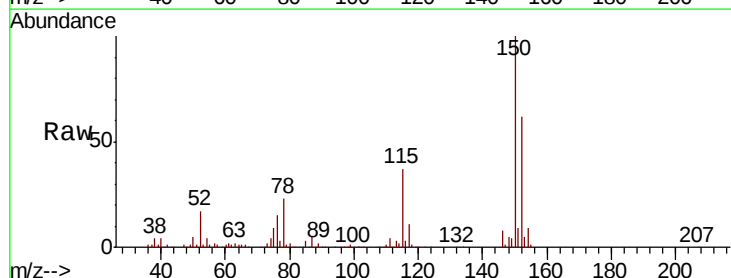


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

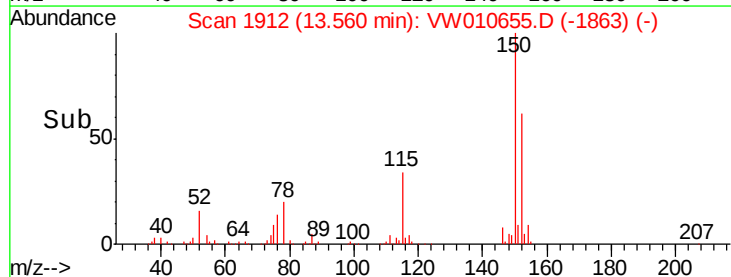
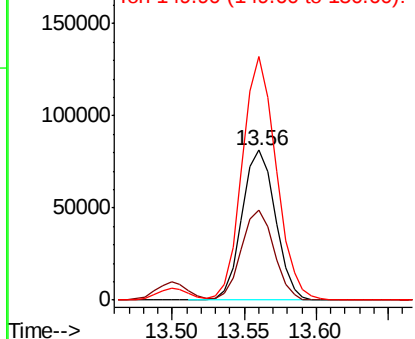


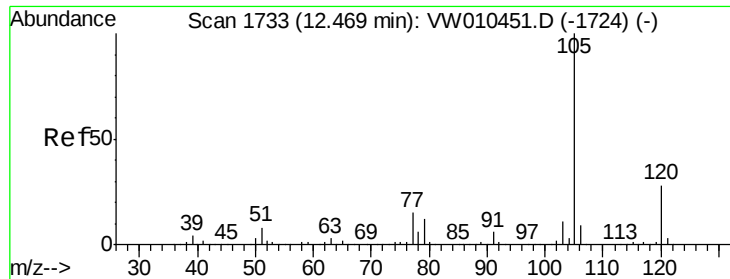
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010655.D
Acq: 03 Jun 2019 13:15

Tgt Ion:152 Resp: 130467
Ion Ratio Lower Upper
152 100
115 59.4 30.3 91.0
150 165.5 0.0 349.8



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





#73

Isopropylbenzene

Concen: 21.106 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW010655.D

Acq: 03 Jun 2019 13:15

Instrument :

MSVOA_W

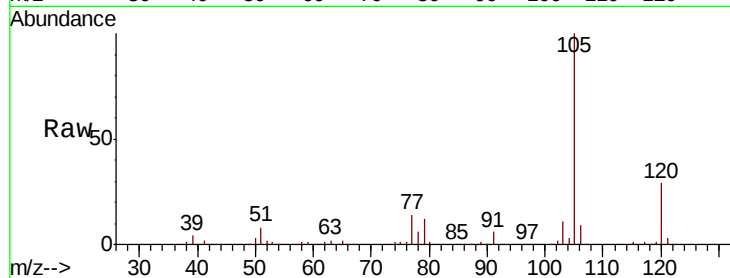
ClientSampleId :

Tot Ion:105 Resp: 218515

Ion Ratio Lower Upper

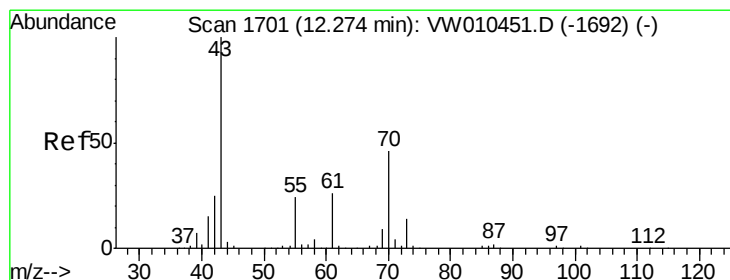
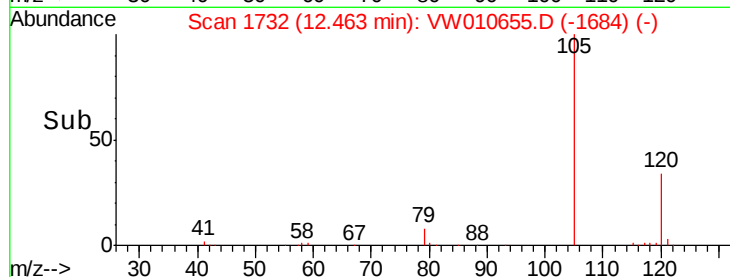
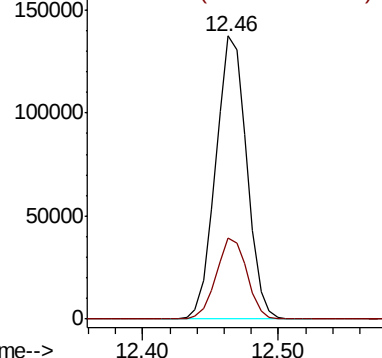
105 100

120 28.6 13.9 41.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.725 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW010655.D

Acq: 03 Jun 2019 13:15

Tgt Ion: 43 Resp: 42052

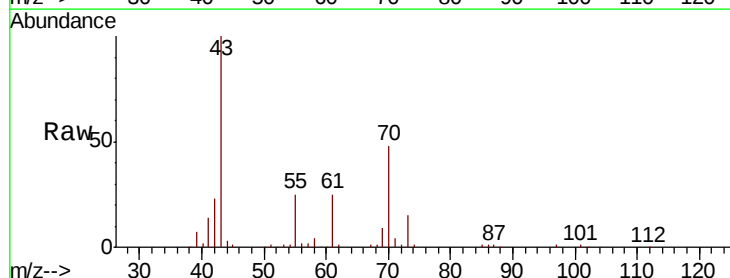
Ion Ratio Lower Upper

43 100

70 49.2 37.1 55.7

55 26.0 19.6 29.4

61 26.0 20.7 31.1

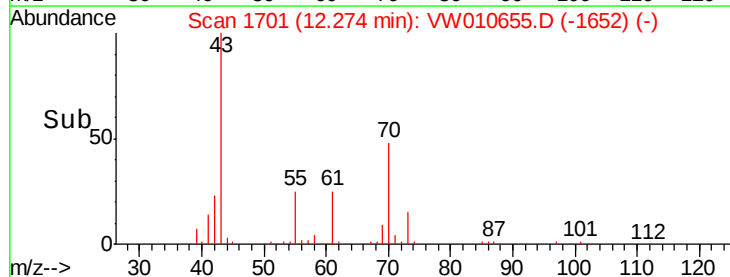
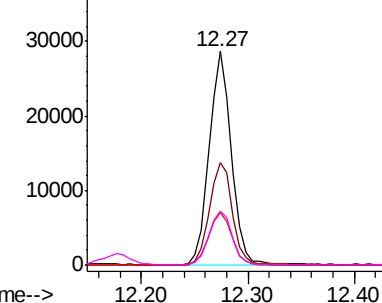


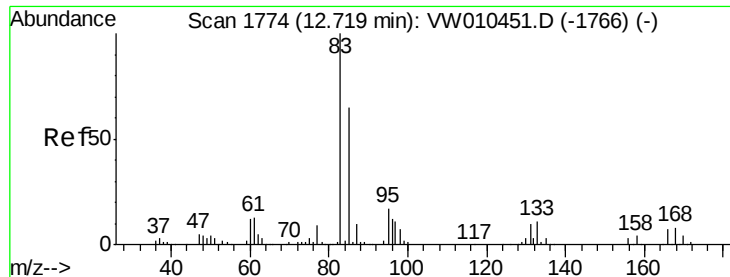
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 19.766 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW010655.D

Acq: 03 Jun 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

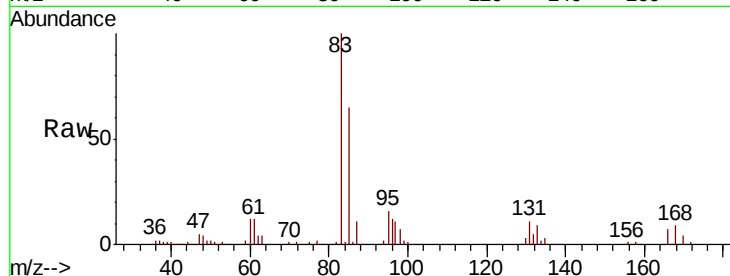
Tot Ion: 83 Resp: 37221

Ion Ratio Lower Upper

83 100

131 11.8 5.6 16.8

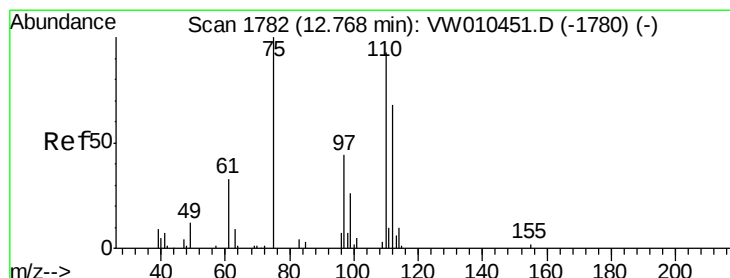
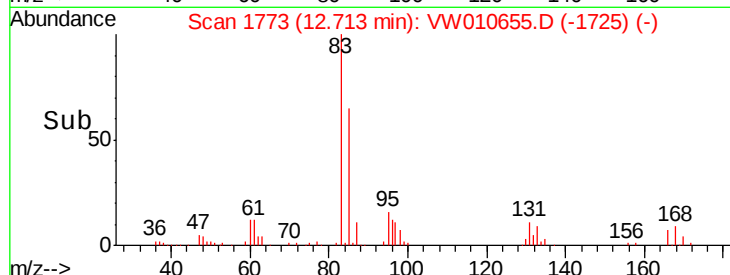
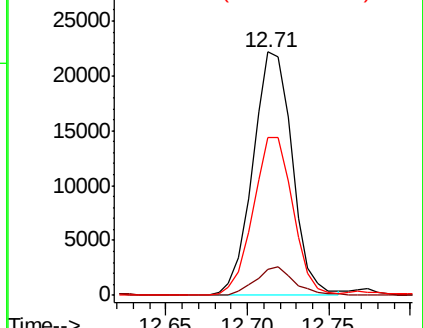
85 65.8 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 35.681 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW010655.D

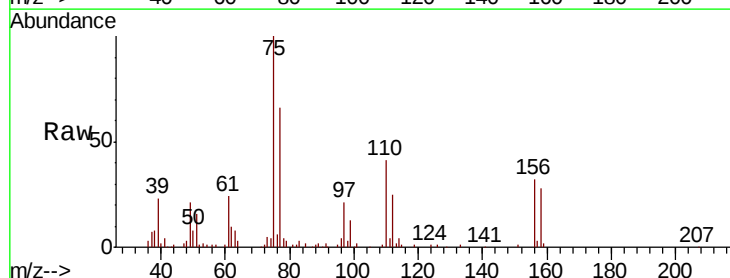
Acq: 03 Jun 2019 13:15

Tgt Ion: 75 Resp: 47253

Ion Ratio Lower Upper

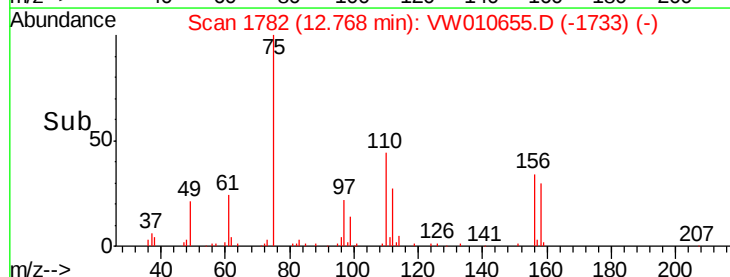
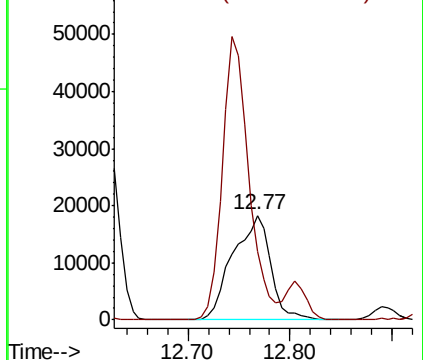
75 100

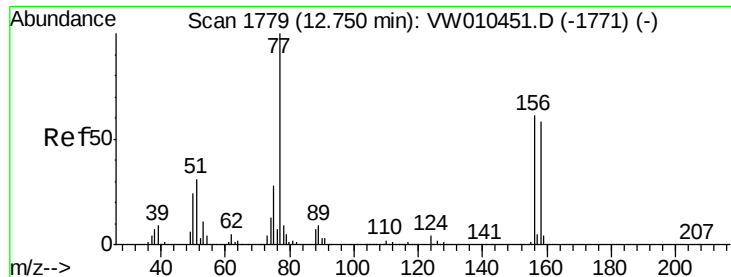
77 0.0 170.0 510.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 22.960 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010655.D

Acq: 03 Jun 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

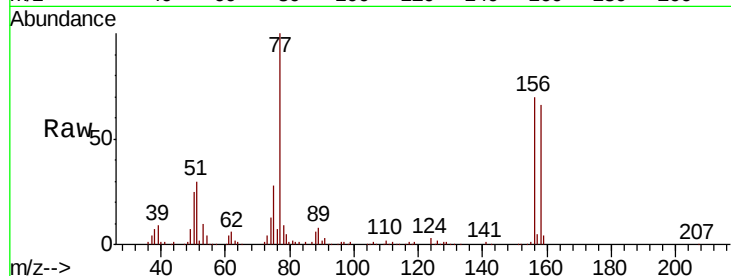
Tot Ion:156 Resp: 53195

Ion Ratio Lower Upper

156 100

77 168.6 92.4 277.2

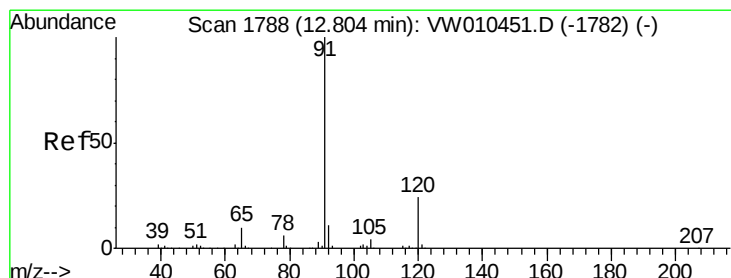
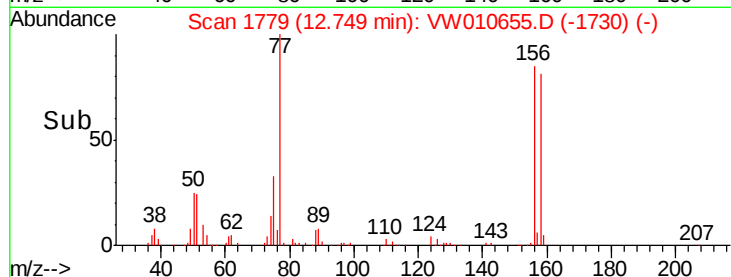
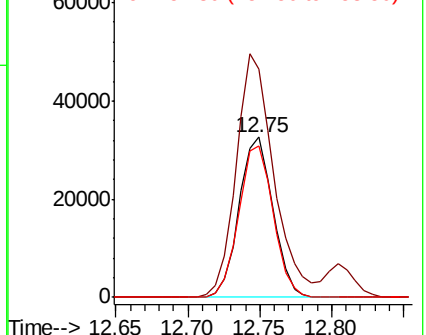
158 96.4 48.3 144.8



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: 20.374 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010655.D

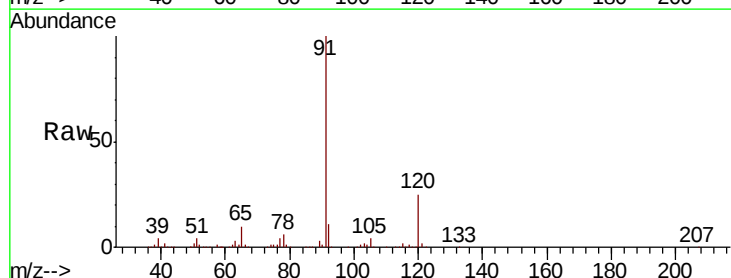
Acq: 03 Jun 2019 13:15

Tgt Ion: 91 Resp: 245816

Ion Ratio Lower Upper

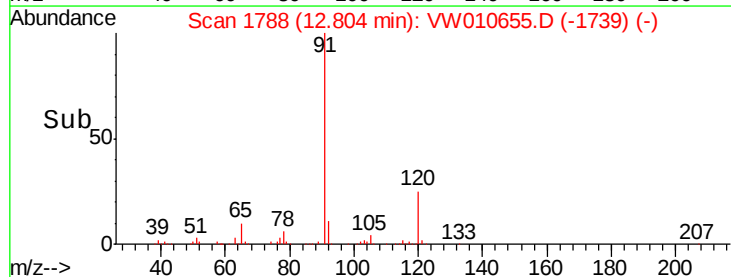
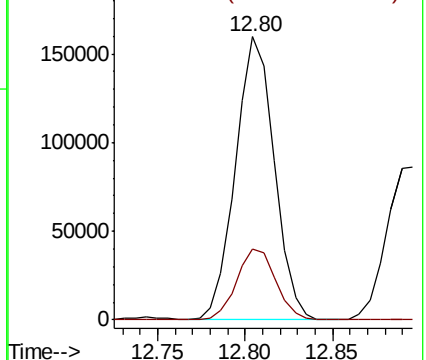
91 100

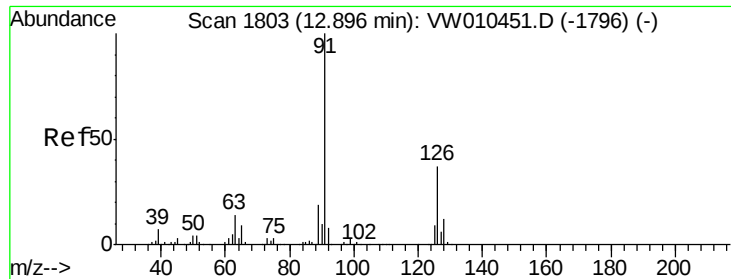
120 25.3 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.593 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010655.D

Acq: 03 Jun 2019 13:15

Instrument :

MSVOA_W

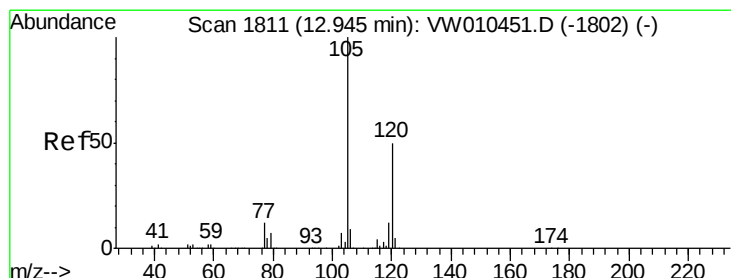
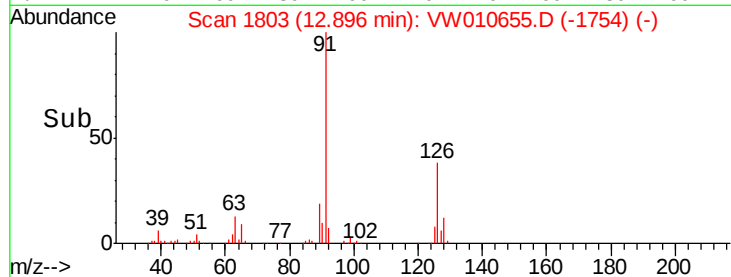
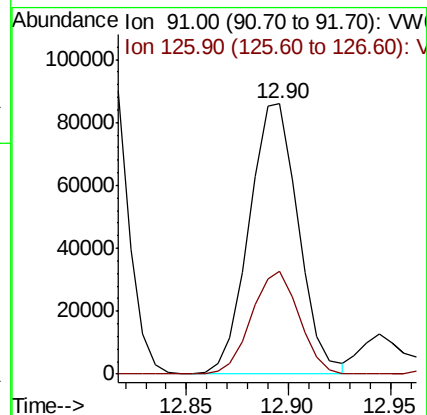
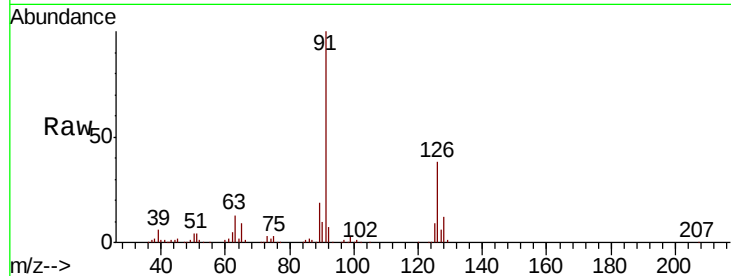
ClientSampled :

Tot Ion: 91 Resp: 144087

Ion Ratio Lower Upper

91 100

126 36.9 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 20.442 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010655.D

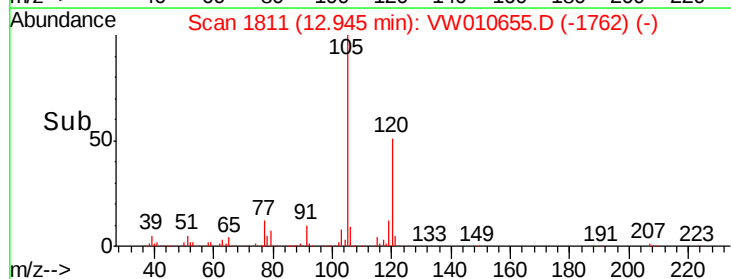
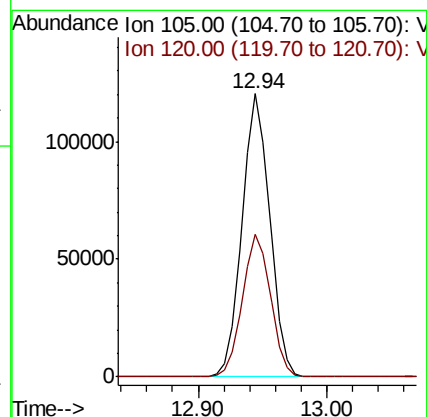
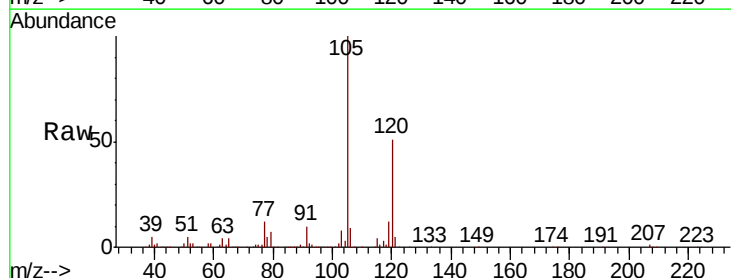
Acq: 03 Jun 2019 13:15

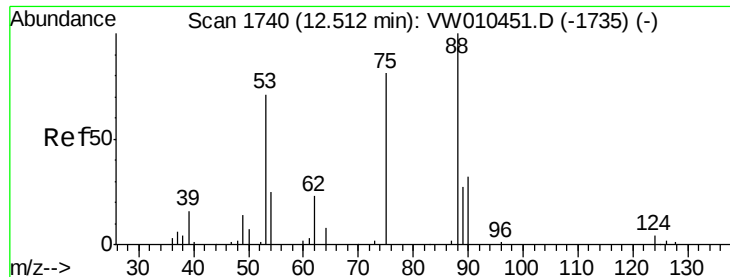
Tgt Ion:105 Resp: 179246

Ion Ratio Lower Upper

105 100

120 51.3 25.2 75.6

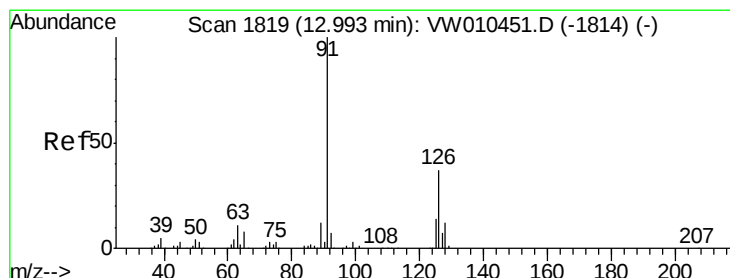
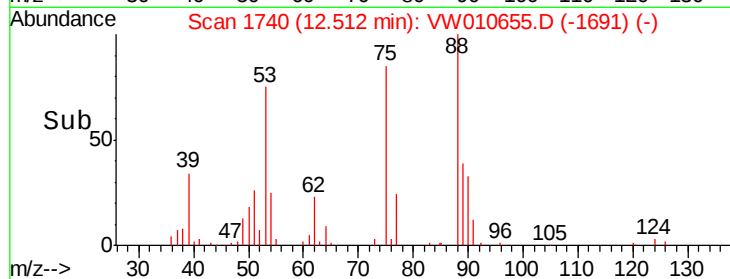
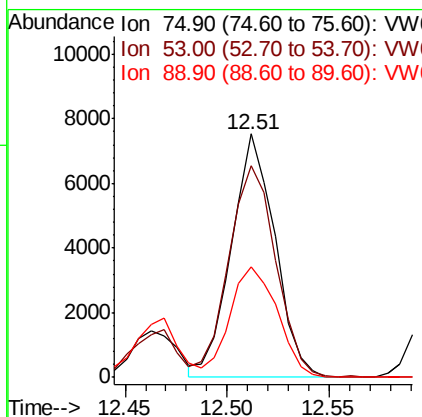
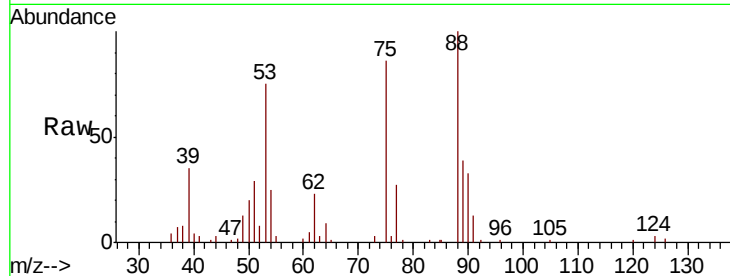




#81
trans-1,4-Dichloro-2-butene
Concen: 17.590 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW010655.D
Acq: 03 Jun 2019 13:15

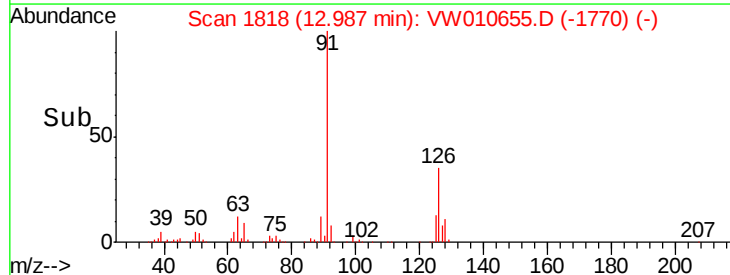
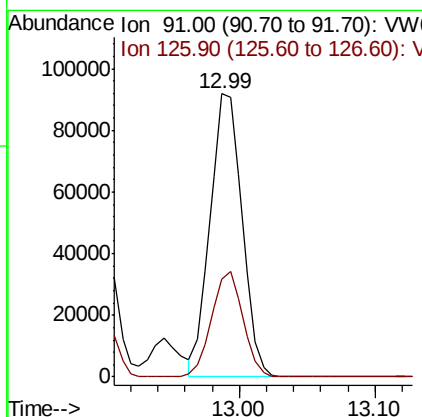
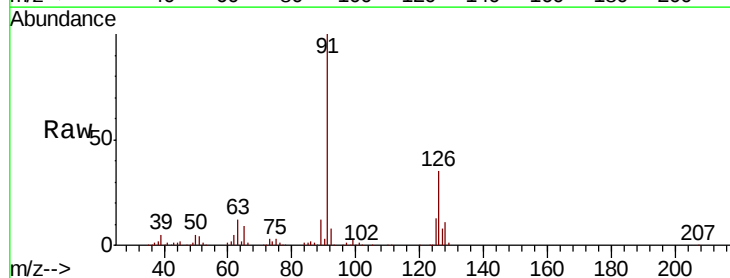
Instrument :
MSVOA_W
ClientSampleId :

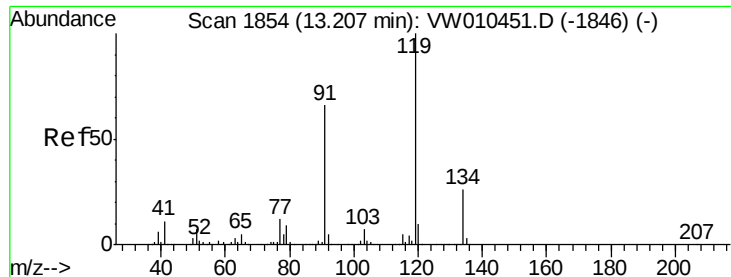
Tot Ion: 75 Resp: 11162
Ion Ratio Lower Upper
75 100
53 94.3 69.8 104.8
89 49.1 39.5 59.3



#82
4-Chlorotoluene
Concen: 20.610 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.01 min
Lab File: VW010655.D
Acq: 03 Jun 2019 13:15

Tgt Ion: 91 Resp: 149682
Ion Ratio Lower Upper
91 100
126 36.6 17.5 52.6

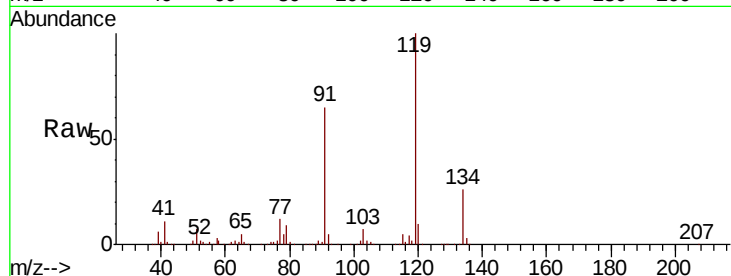




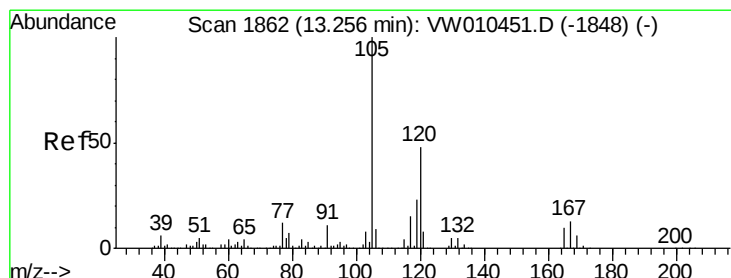
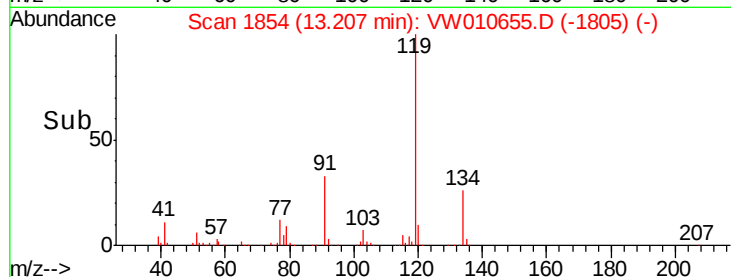
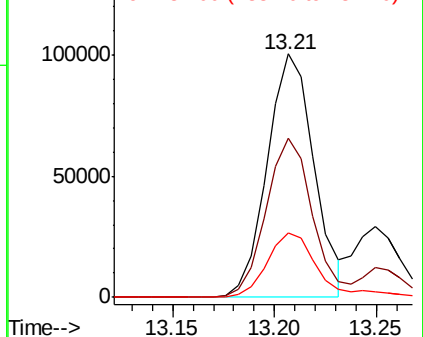
#83
tert-Butylbenzene
Concen: 21.029 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW010655.D
Acq: 03 Jun 2019 13:15

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:119 Resp: 161063
Ion Ratio Lower Upper
119 100
91 65.0 33.1 99.5
134 28.7 13.9 41.6

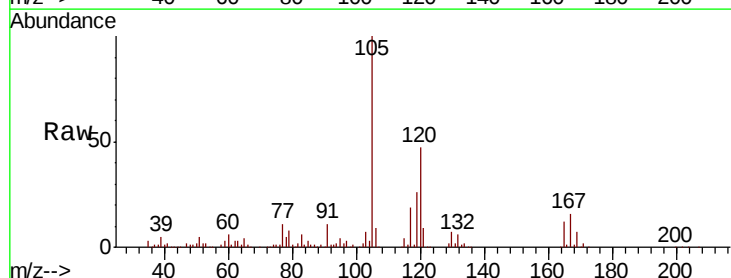


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

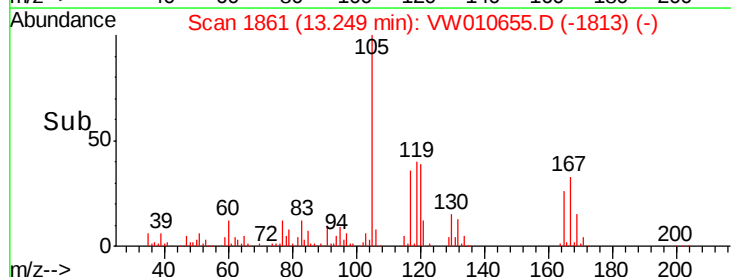
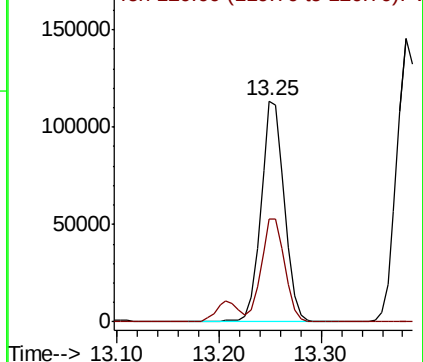


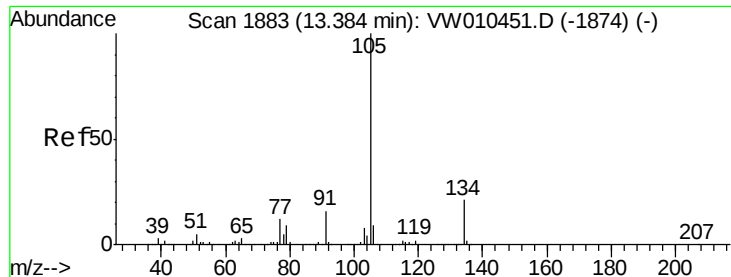
#84
1,2,4-Trimethylbenzene
Concen: 20.668 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VW010655.D
Acq: 03 Jun 2019 13:15

Tgt Ion:105 Resp: 180491
Ion Ratio Lower Upper
105 100
120 46.9 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.728 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW010655.D

Acq: 03 Jun 2019 13:15

Instrument :

MSVOA_W

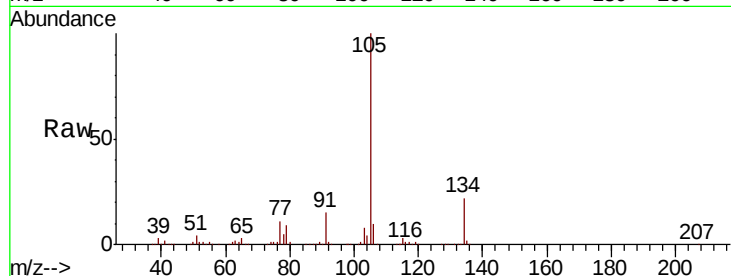
ClientSampled :

Tot Ion:105 Resp: 222177

Ion Ratio Lower Upper

105 100

134 21.7 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.38

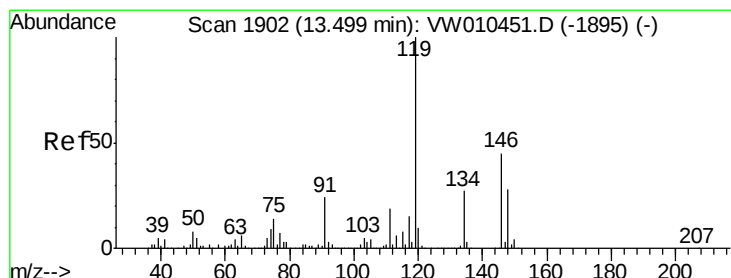
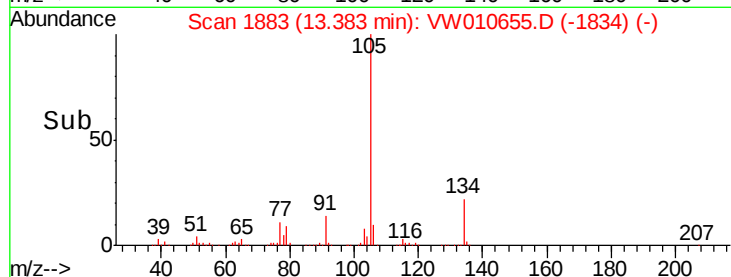
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.899 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010655.D

Acq: 03 Jun 2019 13:15

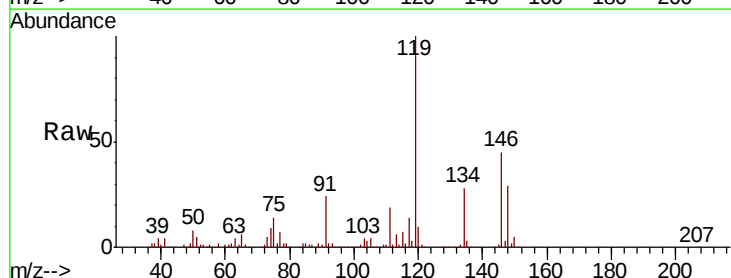
Tgt Ion:119 Resp: 202758

Ion Ratio Lower Upper

119 100

134 27.6 13.6 40.7

91 23.5 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.50

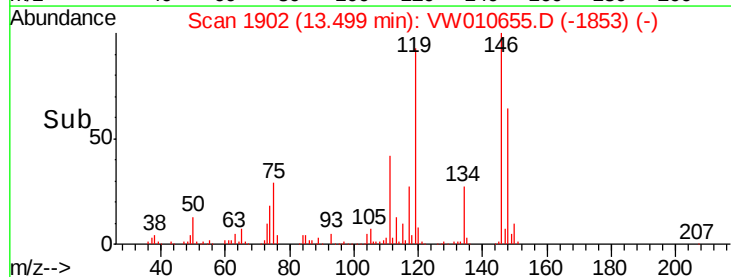
150000

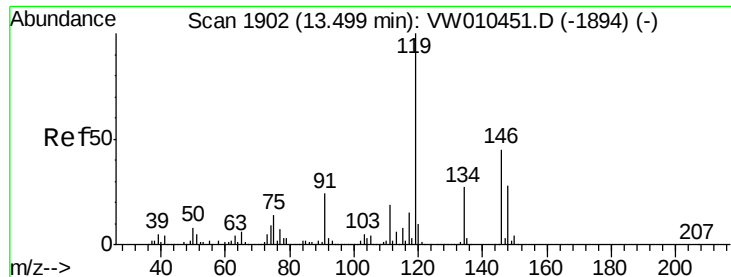
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 22.319 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010655.D

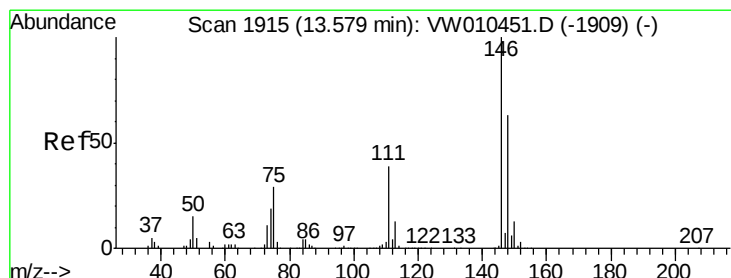
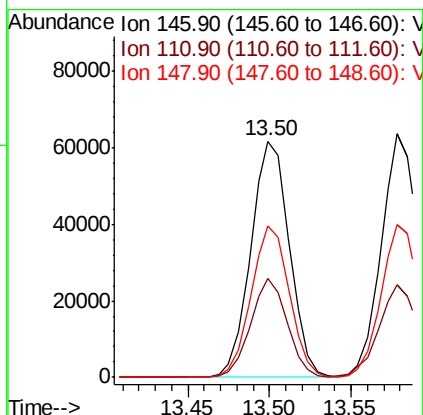
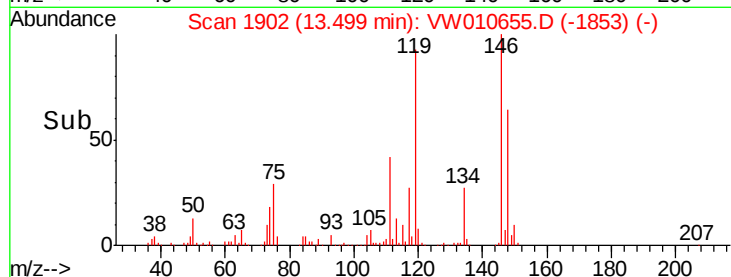
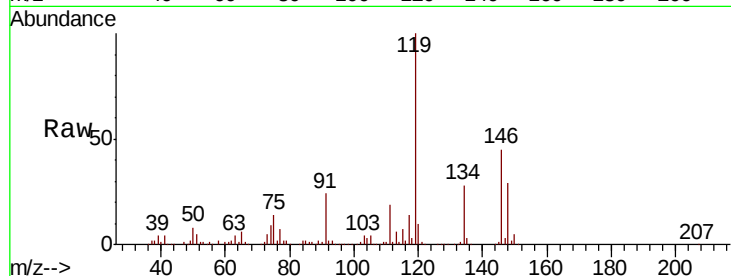
Acq: 03 Jun 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:146	Resp:	101451
Ion	Ratio	Lower Upper
146	100	
111	39.7	20.3 60.9
148	63.6	31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 22.122 ug/l

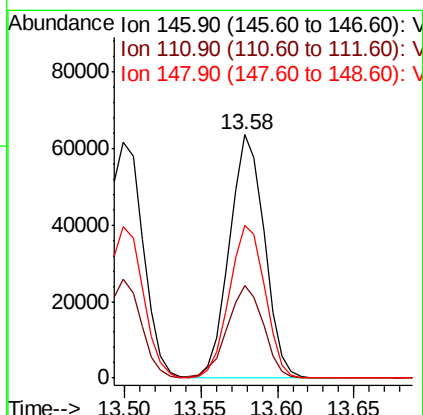
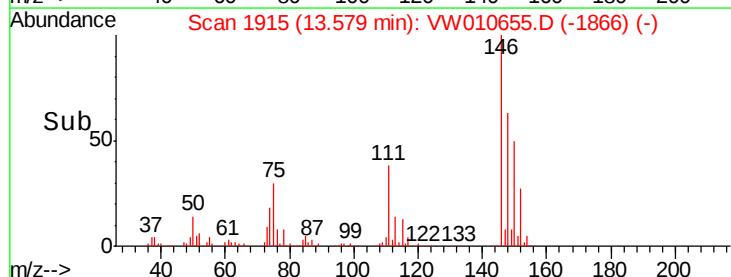
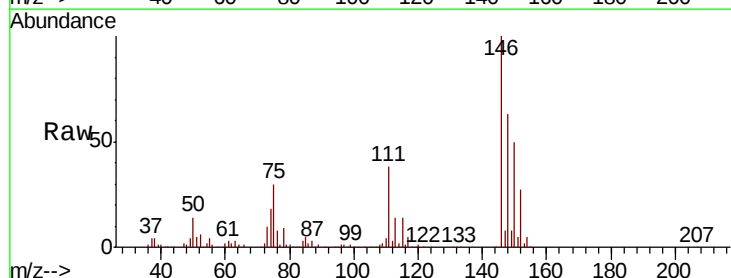
RT: 13.58 min Scan# 1915

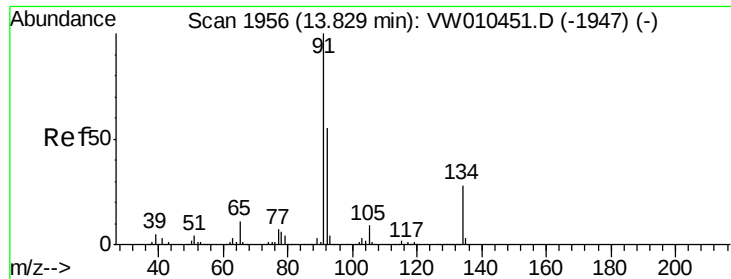
Delta R.T. -0.00 min

Lab File: VW010655.D

Acq: 03 Jun 2019 13:15

Tgt Ion:146	Resp:	100886
Ion	Ratio	Lower Upper
146	100	
111	39.6	19.9 59.6
148	64.1	31.6 94.8





#89

n-Butylbenzene

Concen: 19.940 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW010655.D

Acq: 03 Jun 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

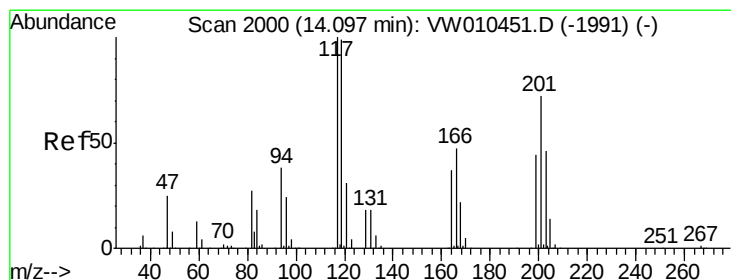
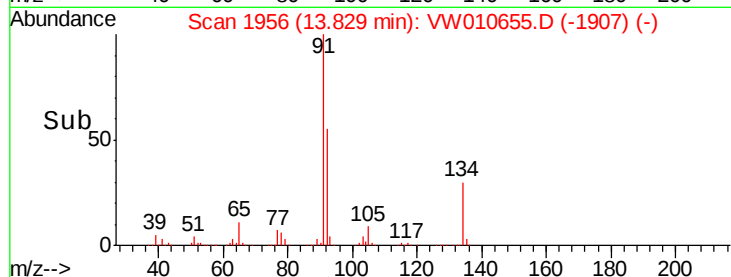
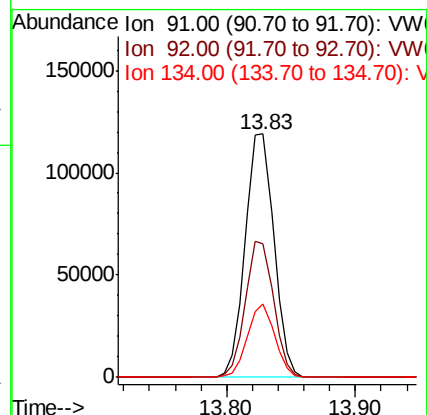
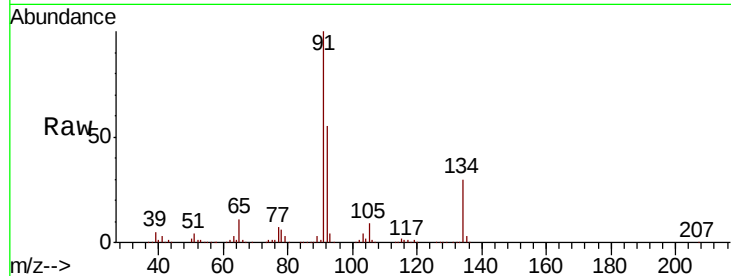
Tot Ion: 91 Resp: 184006

Ion Ratio Lower Upper

91 100

92 54.8 27.7 83.1

134 28.4 13.9 41.6



#90

Hexachloroethane

Concen: 20.437 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW010655.D

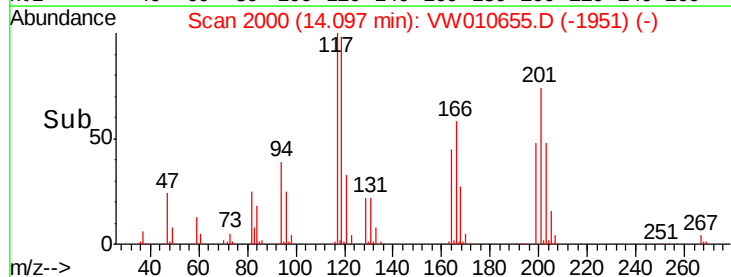
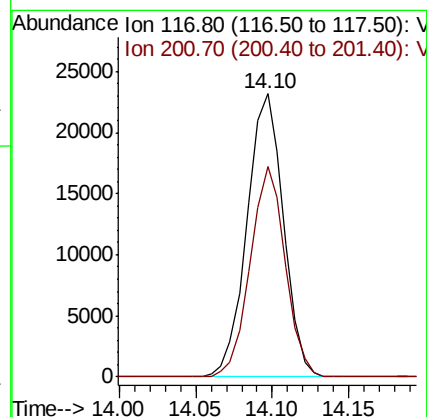
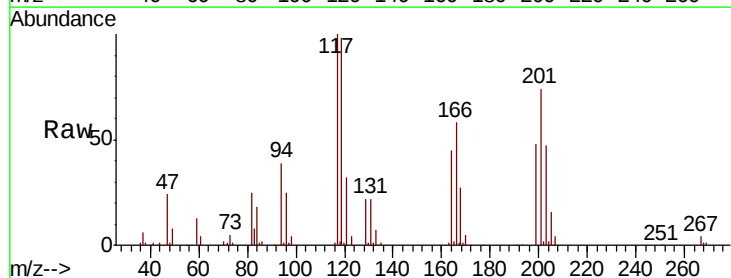
Acq: 03 Jun 2019 13:15

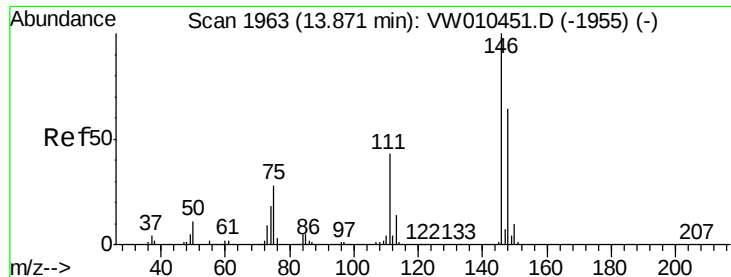
Tgt Ion: 117 Resp: 38378

Ion Ratio Lower Upper

117 100

201 71.4 34.6 103.8

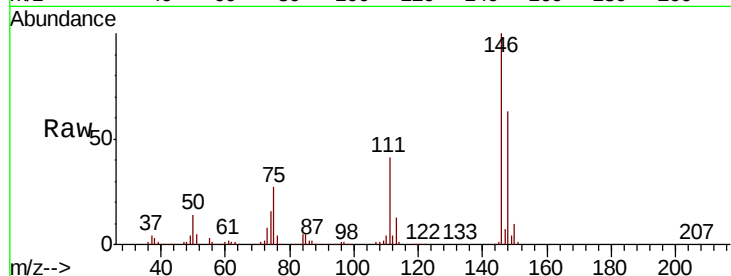




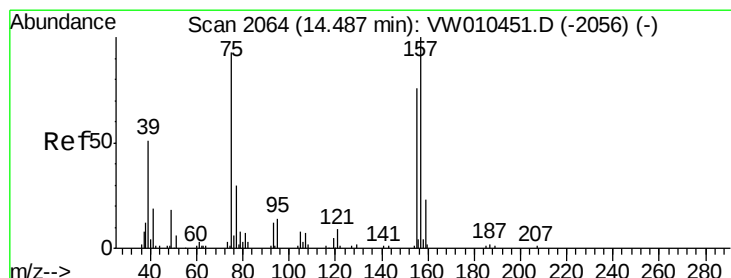
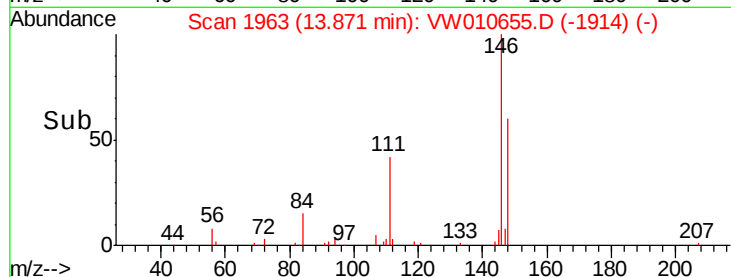
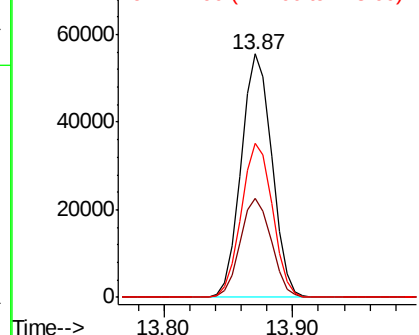
#91
 1,2-Dichlorobenzene
 Concen: 22.126 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW010655.D
 Acq: 03 Jun 2019 13:15

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	21.3	64.0
148	64.3	32.0	96.0

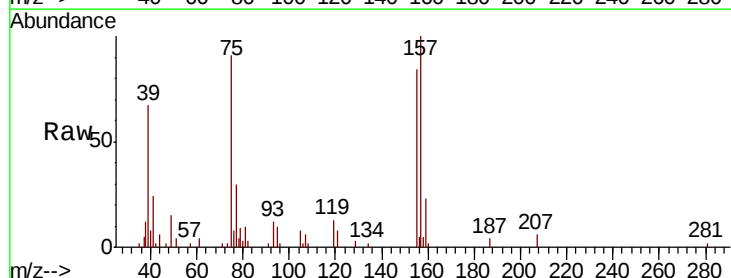


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

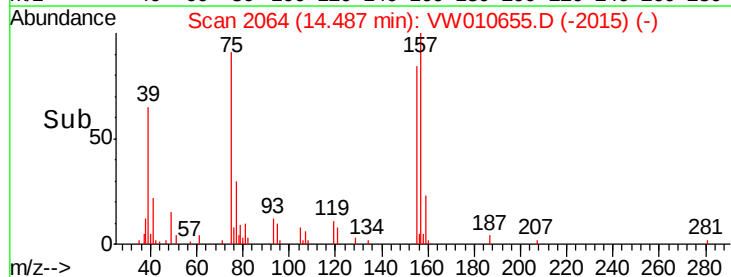
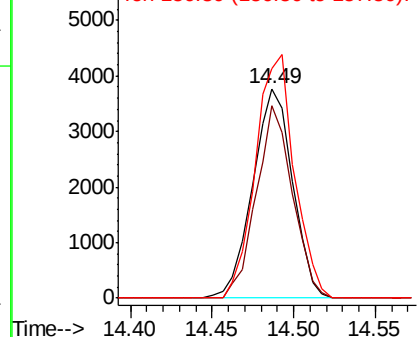


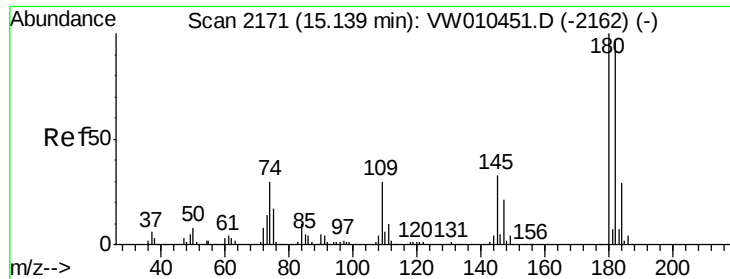
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.221 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW010655.D
 Acq: 03 Jun 2019 13:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.6	43.0	129.0
157	113.7	55.7	167.1



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

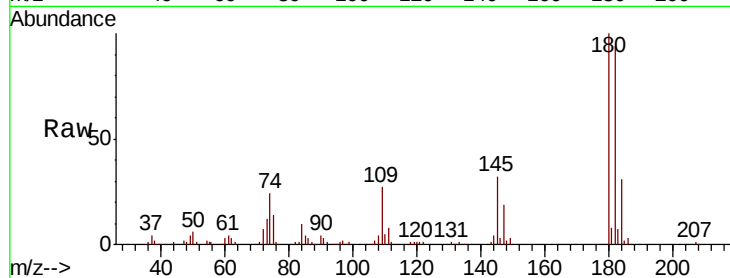




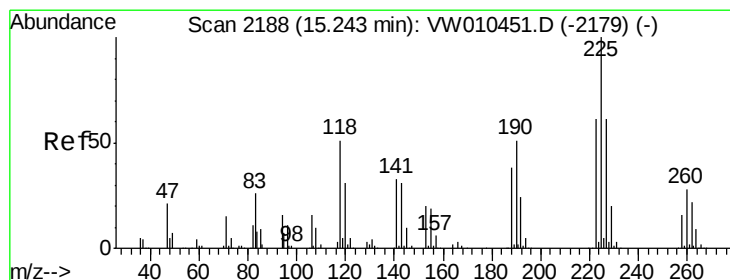
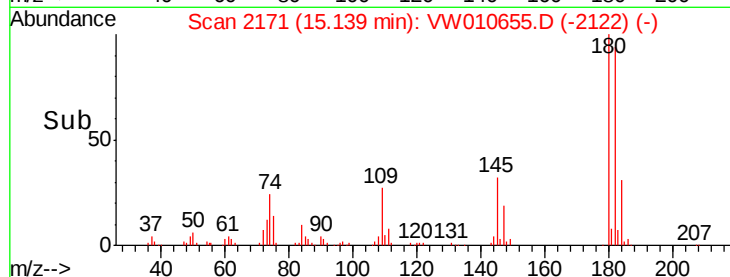
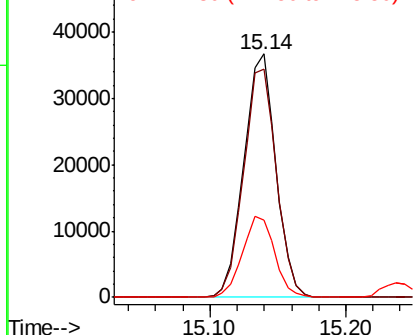
#93
 1,2,4-Trichlorobenzene
 Concen: 21.456 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010655.D
 Acq: 03 Jun 2019 13:15

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.0	141.2
145	33.6	16.7	50.0

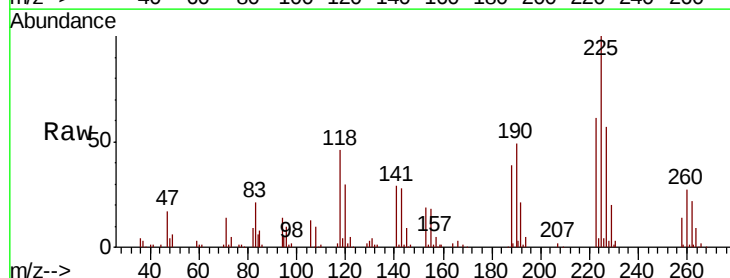


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

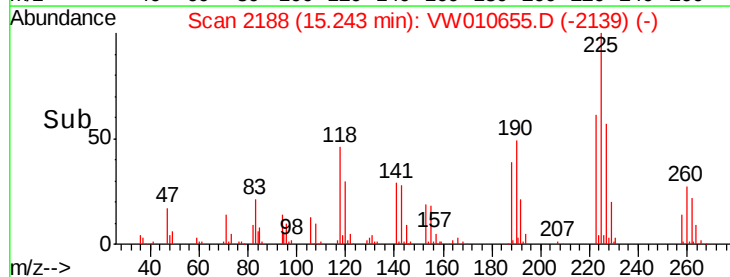
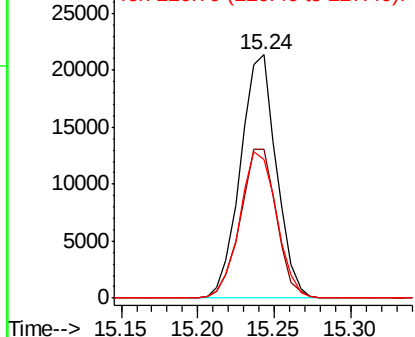


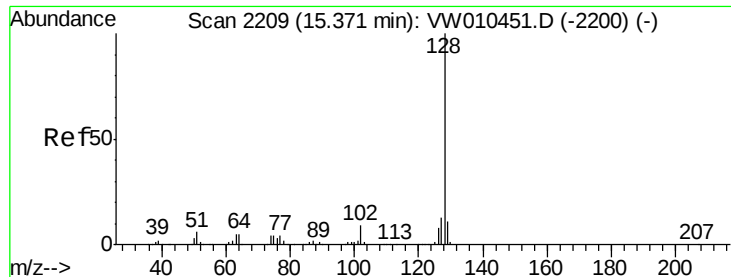
#94
 Hexachlorobutadiene
 Concen: 23.202 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW010655.D
 Acq: 03 Jun 2019 13:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	31.1	93.2
227	61.7	31.1	93.5



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





#95

Naphthalene

Concen: 19.449 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW010655.D

Acq: 03 Jun 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

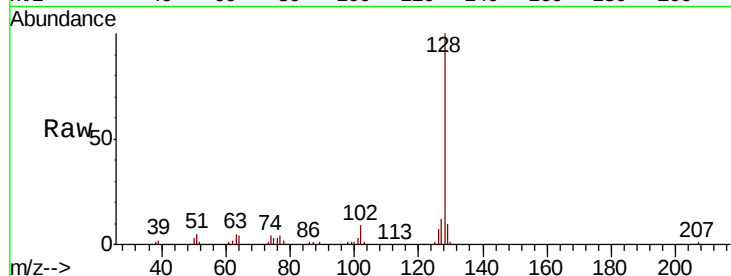
Tot Ion:128 Resp: 115042

Ion Ratio Lower Upper

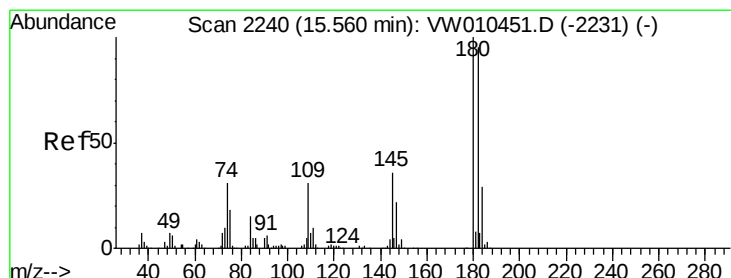
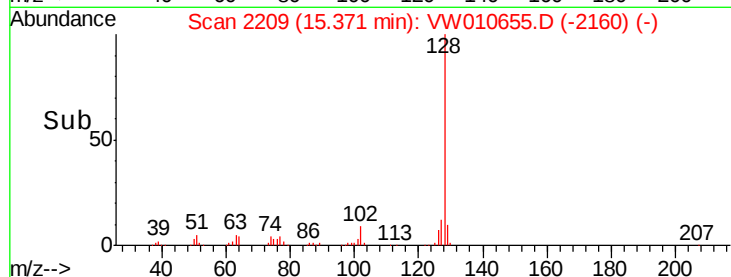
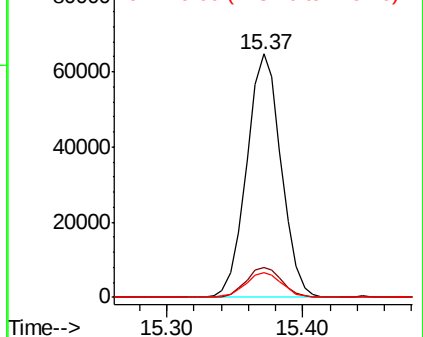
128 100

127 12.7 10.6 15.8

129 10.6 8.9 13.3



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



#96

1,2,3-Trichlorobenzene

Concen: 21.970 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW010655.D

Acq: 03 Jun 2019 13:15

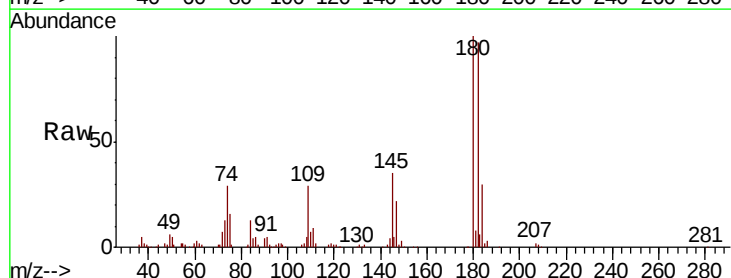
Tgt Ion:180 Resp: 53270

Ion Ratio Lower Upper

180 100

182 94.6 47.1 141.3

145 35.2 17.4 52.3



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

