

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010219\
 Data File : VW008004.D
 Acq On : 02 Jan 2019 12:53
 Operator : SY/AP
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Quant Time: Jan 03 04:42:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 04:40:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	69872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	110183	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	100531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	50267	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	4164	5.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.78%	
35) Dibromofluoromethane	7.88	113	3740	5.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.76%	
50) Toluene-d8	10.32	98	13815	5.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.60%	
62) 4-Bromofluorobenzene	12.62	95	5462	5.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	2467	3.792	ug/l	92
3) Chloromethane	2.21	50	2338	4.915	ug/l	100
4) Vinyl Chloride	2.37	62	3024	4.922	ug/l	99
5) Bromomethane	2.78	94	1956	5.011	ug/l	88
6) Chloroethane	2.93	64	1476	4.701	ug/l #	87
7) Trichlorofluoromethane	3.26	101	2710	4.394	ug/l	93
8) Diethyl Ether	3.68	74	1570	4.957	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	4.07	101	3400	4.639	ug/l	99
10) Methyl Iodide	4.26	142	5717	4.849	ug/l	94
11) Tert butyl alcohol	5.17	59	1515	30.174	ug/l #	79
12) 1,1-Dichloroethene	4.04	96	3488	4.972	ug/l	90
13) Acrolein	3.89	56	789	23.193	ug/l	84
14) Allyl chloride	4.67	41	4558	4.796	ug/l	100
15) Acrylonitrile	5.37	53	2718	23.330	ug/l	96
16) Acetone	4.12	43	3183	26.607	ug/l	98
17) Carbon Disulfide	4.38	76	10127	4.726	ug/l	97
18) Methyl Acetate	4.67	43	710	2.289	ug/l #	46
19) Methyl tert-butyl Ether	5.43	73	5506	4.987	ug/l	93
20) Methylene Chloride	4.92	84	5657	6.856	ug/l #	93
21) trans-1,2-Dichloroethene	5.42	96	3907	5.119	ug/l	91
22) Diisopropyl ether	6.31	45	8150	4.778	ug/l	96
23) Vinyl Acetate	6.26	43	22378	23.447	ug/l	97
24) 1,1-Dichloroethane	6.21	63	6177	4.874	ug/l	98
25) 2-Butanone	7.18	43	3596	25.513	ug/l #	69
26) 2,2-Dichloropropane	7.16	77	5343	5.117	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	4056	4.989	ug/l	99
28) Bromochloromethane	7.51	49	2411	5.918	ug/l #	97
29) Tetrahydrofuran	7.54	42	2138	24.420	ug/l	92
30) Chloroform	7.67	83	7240	5.097	ug/l	96
31) Cyclohexane	7.95	56	6720	5.689	ug/l #	82
32) 1,1,1-Trichloroethane	7.87	97	6474	4.763	ug/l	98
36) 1,1-Dichloropropene	8.09	75	5244	4.825	ug/l	98
37) Ethyl Acetate	7.26	43	1566	4.797	ug/l #	78
38) Carbon Tetrachloride	8.07	117	6217	4.773	ug/l	97

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 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Quant Time: Jan 03 04:42:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 04:40:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	6414	4.734	ug/l	95
40) Benzene	8.32	78	14256	4.972	ug/l	94
41) Methacrylonitrile	7.53	41	2303	11.449	ug/l #	36
42) 1,2-Dichloroethane	8.40	62	4753	4.975	ug/l	96
43) Isopropyl Acetate	8.42	43	3005	4.607	ug/l	98
44) Trichloroethene	9.09	130	4015	4.745	ug/l	87
45) 1,2-Dichloropropane	9.37	63	3086	4.972	ug/l	98
46) Dibromomethane	9.46	93	1766	4.867	ug/l	95
47) Bromodichloromethane	9.65	83	4837	4.759	ug/l	98
48) Methyl methacrylate	9.44	41	1661	5.050	ug/l	93
49) 1,4-Dioxane	9.45	88	545	101.491	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	7418	24.566	ug/l	98
52) Toluene	10.39	92	9442	4.988	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	4689	4.798	ug/l	91
54) cis-1,3-Dichloropropene	10.07	75	5143	4.716	ug/l #	91
55) 1,1,2-Trichloroethane	10.79	97	2345	4.773	ug/l	87
56) Ethyl methacrylate	10.65	69	2555	4.600	ug/l	94
57) 1,3-Dichloropropane	10.93	76	4129	4.946	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	7048	26.756	ug/l	99
59) 2-Hexanone	10.97	43	4782	22.940	ug/l	97
60) Dibromochloromethane	11.13	129	3339	4.965	ug/l	93
61) 1,2-Dibromoethane	11.24	107	2266	4.609	ug/l	98
64) Tetrachloroethene	10.87	164	3428	4.936	ug/l	97
65) Chlorobenzene	11.66	112	10457	4.867	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.73	131	3805	4.890	ug/l	98
67) Ethyl Benzene	11.73	91	18349	4.811	ug/l	99
68) m/p-Xylenes	11.84	106	14075	9.546	ug/l	97
69) o-Xylene	12.16	106	6522	4.754	ug/l	99
70) Styrene	12.18	104	10372	4.638	ug/l	99
71) Bromoform	12.35	173	1706	4.733	ug/l #	99
73) Isopropylbenzene	12.47	105	18631	4.661	ug/l	98
74) N-amyl acetate	12.27	43	2873	4.618	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.72	83	2372	4.664	ug/l	95
77) Bromobenzene	12.75	156	3982	4.635	ug/l	95
78) n-propylbenzene	12.81	91	22077	4.764	ug/l	97
79) 2-Chlorotoluene	12.90	91	12570	4.693	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	16204	4.710	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	762	4.506	ug/l	94
82) 4-Chlorotoluene	12.99	91	13619	4.782	ug/l	99
83) tert-Butylbenzene	13.21	119	14413	4.788	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	17127	4.915	ug/l	99
85) sec-Butylbenzene	13.39	105	19567	4.725	ug/l	98
86) p-Isopropyltoluene	13.51	119	17836	4.775	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	8413	4.853	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	8495	4.950	ug/l	91
89) n-Butylbenzene	13.83	91	16299	4.771	ug/l	99
90) Hexachloroethane	14.10	117	3058	4.718	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	7735	5.078	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	437	4.234	ug/l	91
93) 1,2,4-Trichlorobenzene	15.14	180	5003	4.676	ug/l	97

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Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Quant Time: Jan 03 04:42:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 03 04:40:01 2019
Response via : Initial Calibration

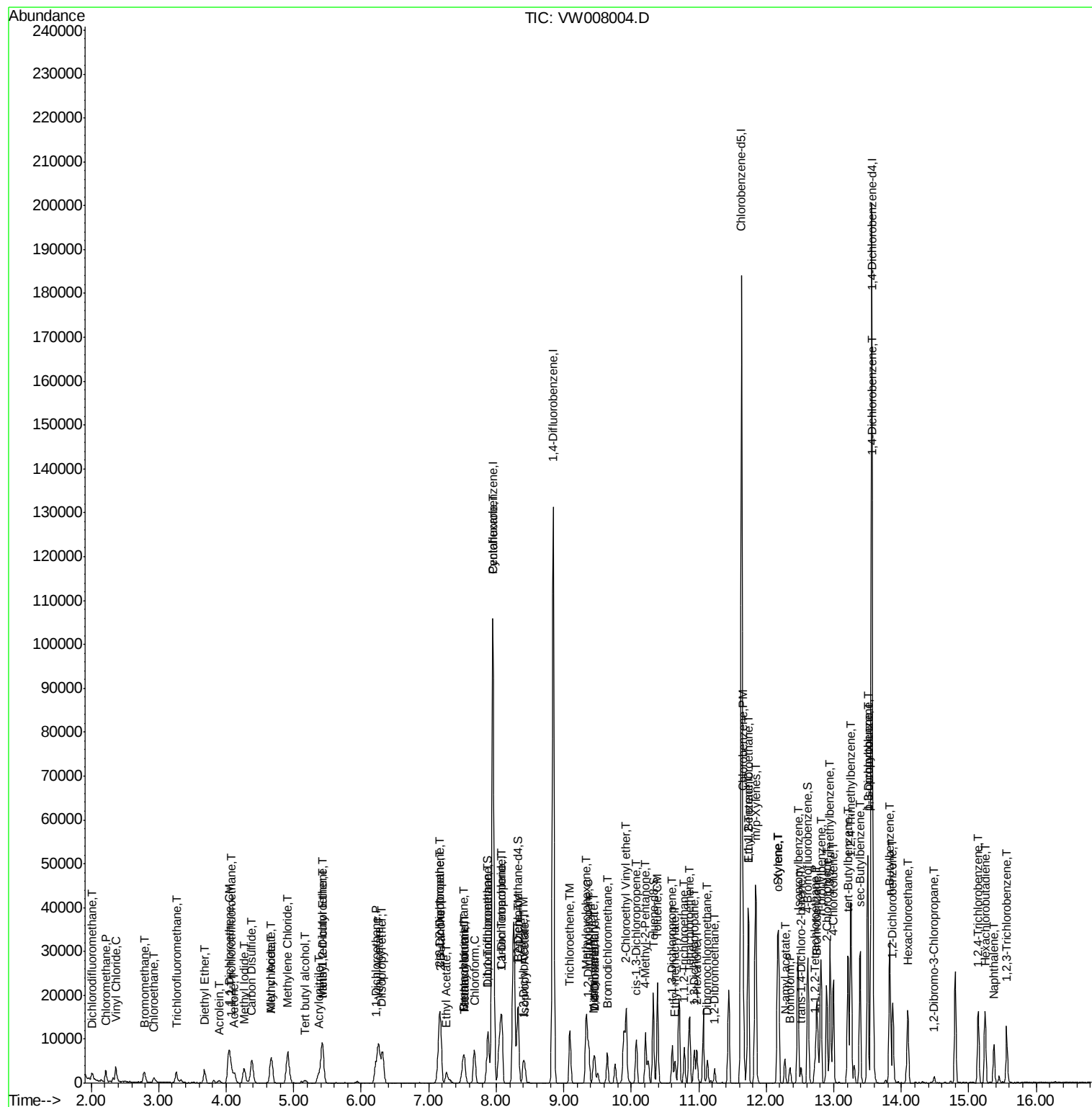
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.24	225	2908	4.707	ug/l	94
95) Naphthalene	15.37	128	7788	4.274	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	4237	4.813	ug/l	97

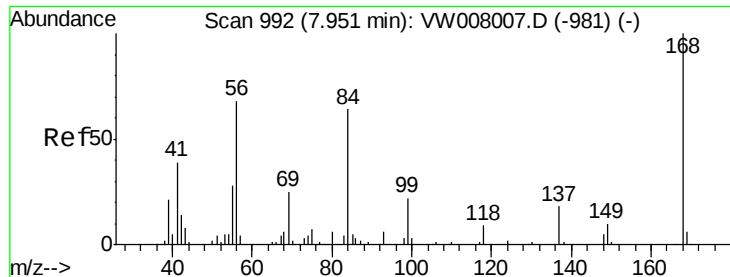
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010219\
 Data File : VW008004.D
 Acq On : 02 Jan 2019 12:53
 Operator : SY/AP
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Quant Time: Jan 03 04:42:44 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 04:40:01 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008004.D

Acq: 02 Jan 2019 12:53

Instrument :

MSVOA_W

ClientSampleId :

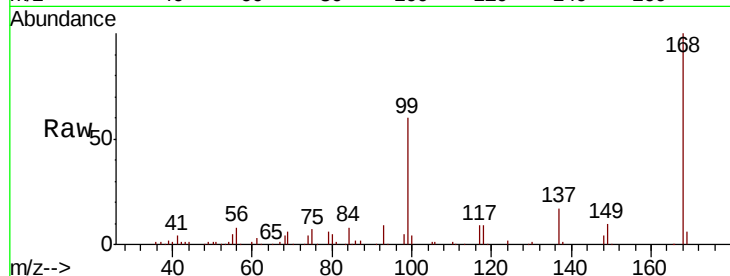
VSTDIC005

Tgt Ion:168 Resp: 69872

Ion Ratio Lower Upper

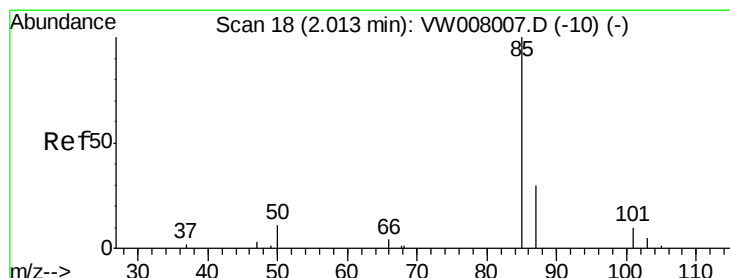
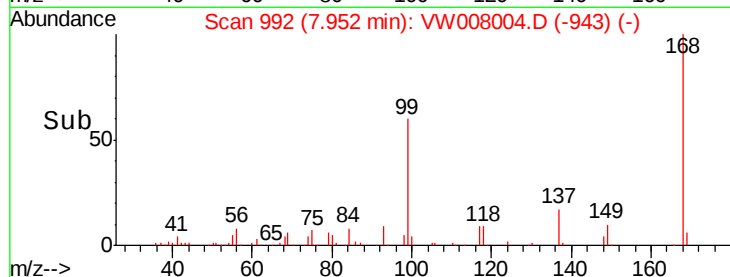
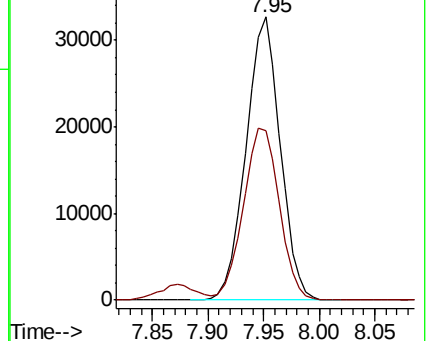
168 100

99 60.0 51.6 77.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 3.792 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008004.D

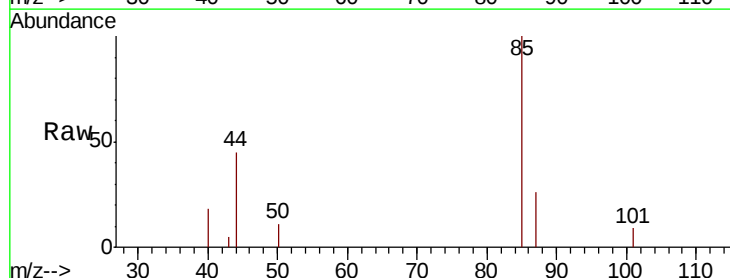
Acq: 02 Jan 2019 12:53

Tgt Ion: 85 Resp: 2467

Ion Ratio Lower Upper

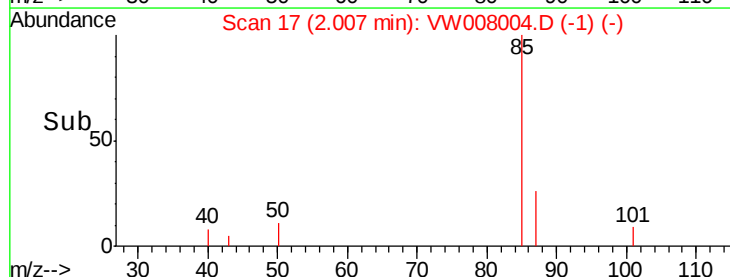
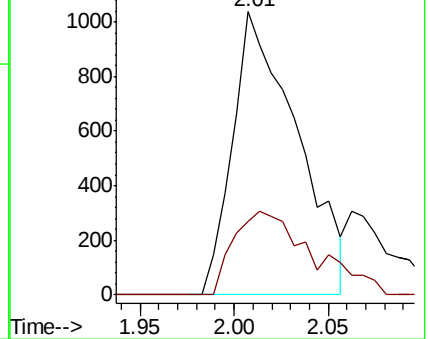
85 100

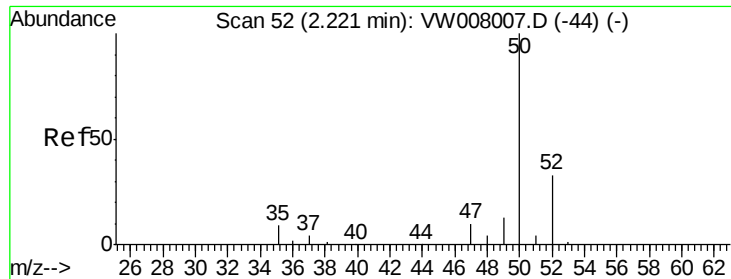
87 25.7 15.0 45.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 4.915 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW008004.D

Acq: 02 Jan 2019 12:53

Instrument :

MSVOA_W

ClientSampleId :

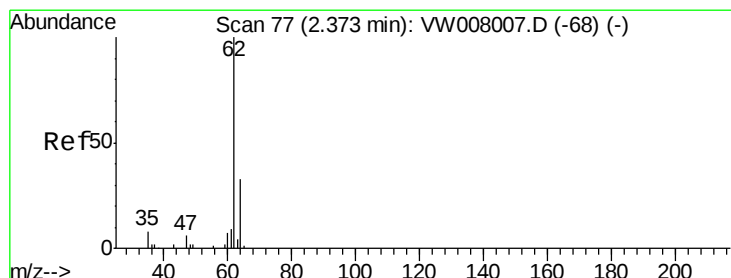
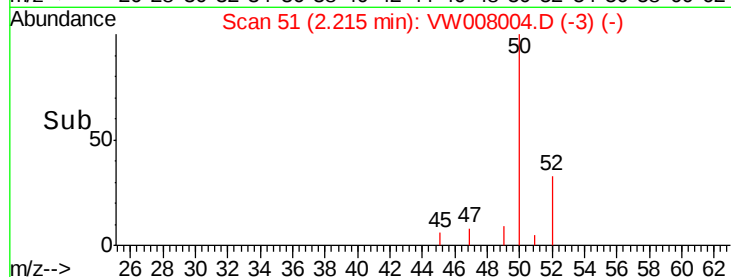
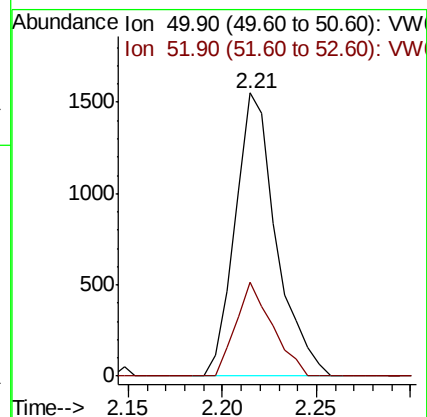
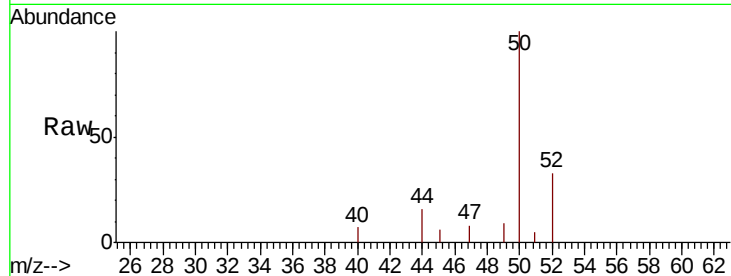
VSTDIC005

Tgt Ion: 50 Resp: 2338

Ion Ratio Lower Upper

50 100

52 33.3 26.8 40.2



#4

Vinyl Chloride

Concen: 4.922 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW008004.D

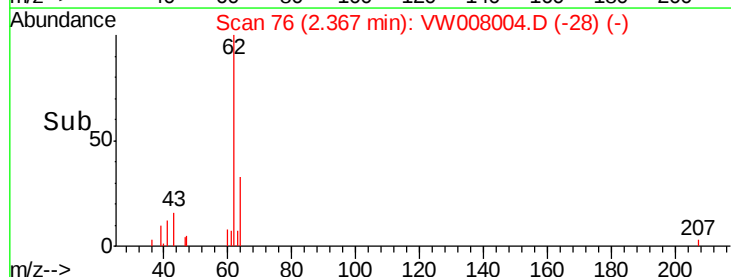
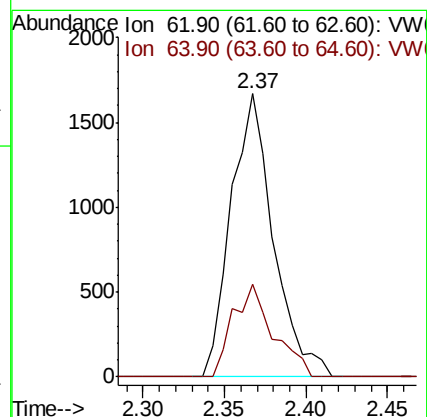
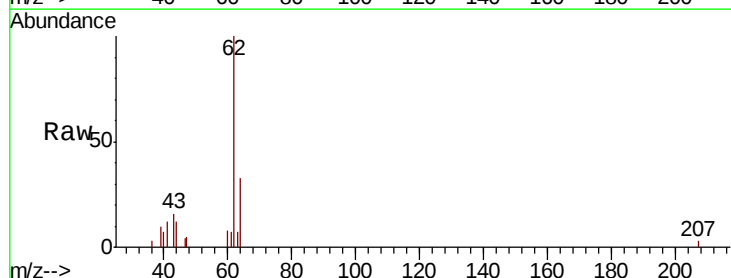
Acq: 02 Jan 2019 12:53

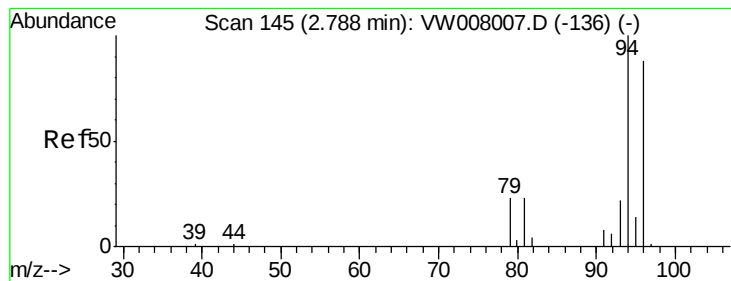
Tgt Ion: 62 Resp: 3024

Ion Ratio Lower Upper

62 100

64 32.9 26.8 40.2





#5

Bromomethane

Concen: 5.011 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW008004.D

Acq: 02 Jan 2019 12:53

Instrument :

MSVOA_W

ClientSampleId :

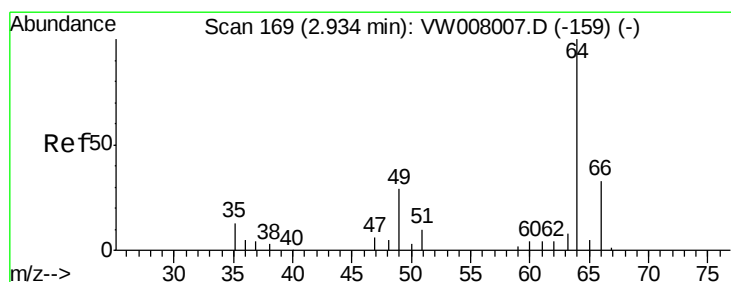
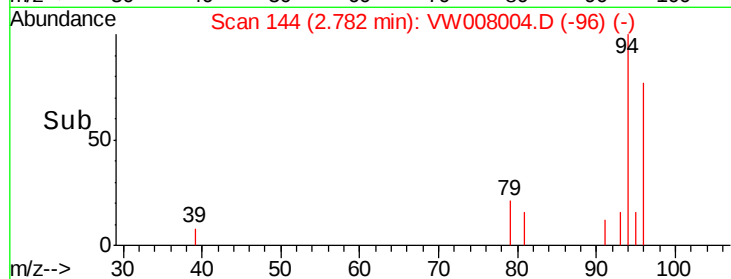
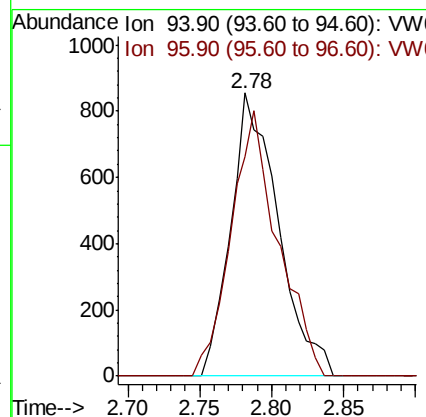
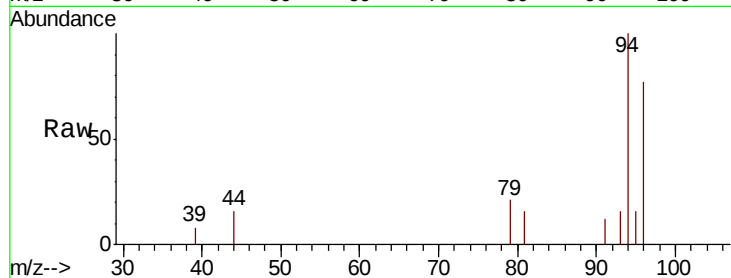
VSTDIC005

Tgt Ion: 94 Resp: 1956

Ion Ratio Lower Upper

94 100

96 77.3 70.7 106.1



#6

Chloroethane

Concen: 4.701 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.00 min

Lab File: VW008004.D

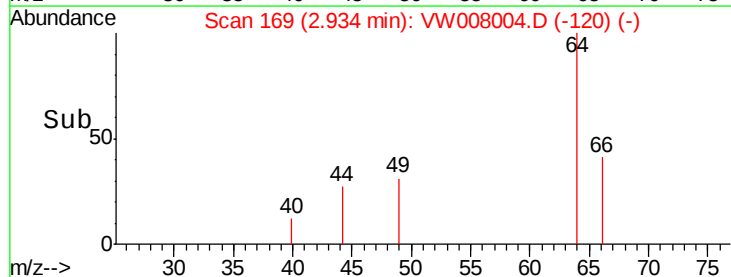
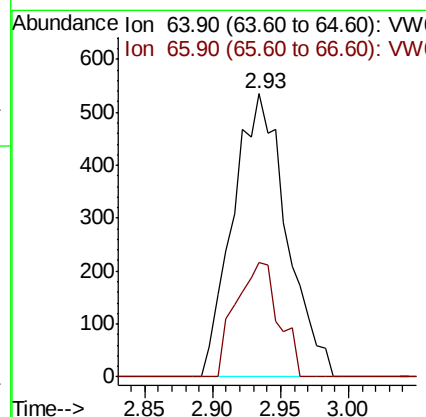
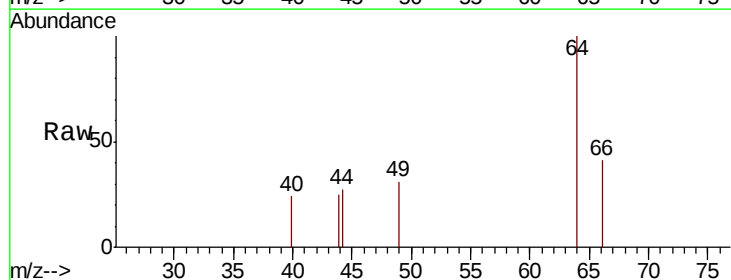
Acq: 02 Jan 2019 12:53

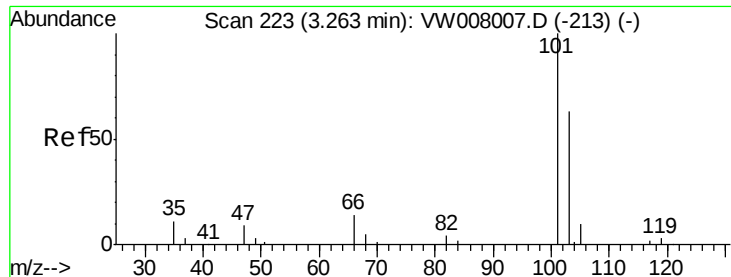
Tgt Ion: 64 Resp: 1476

Ion Ratio Lower Upper

64 100

66 40.6 26.6 39.8#



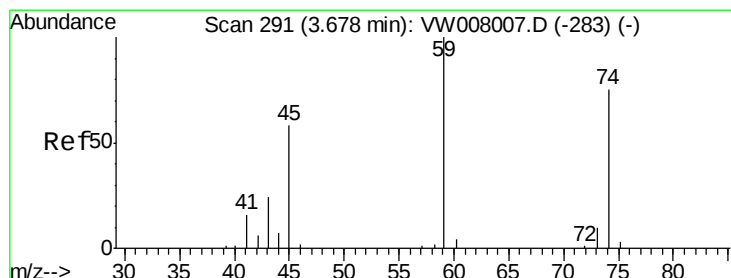
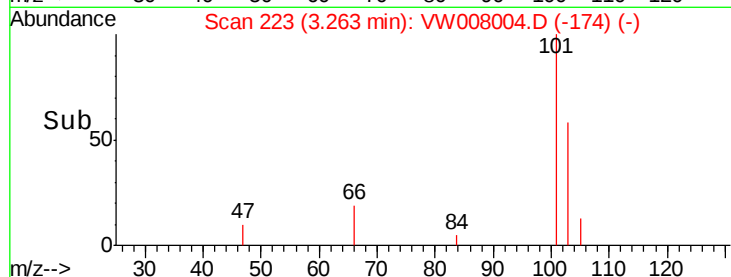
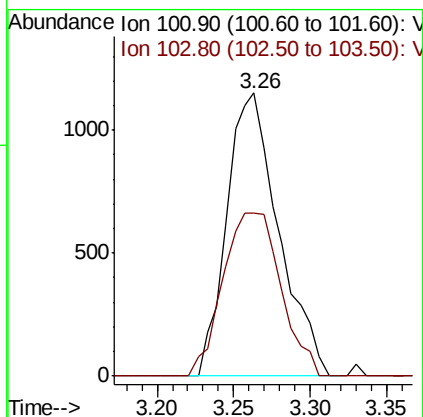
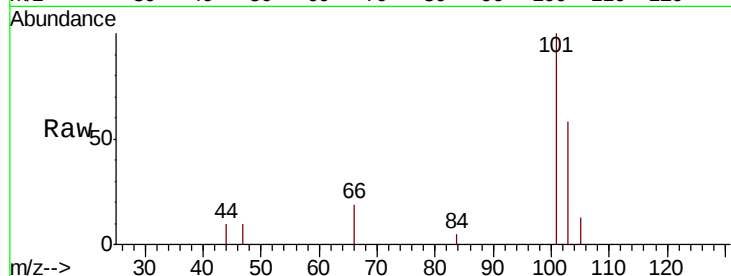


#7

Trichlorofluoromethane
 Concen: 4.394 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW008004.D
 Acq: 02 Jan 2019 12:53

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC005

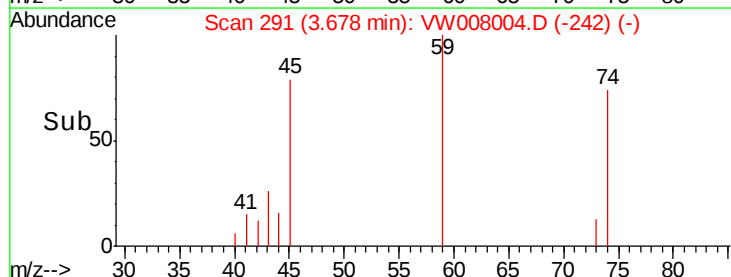
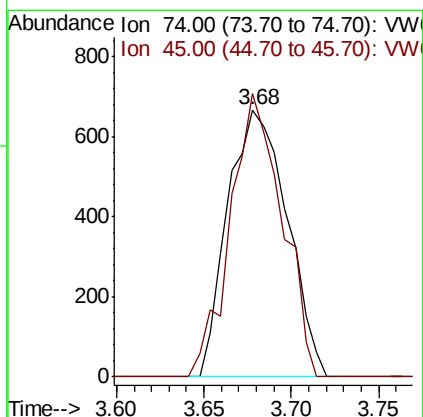
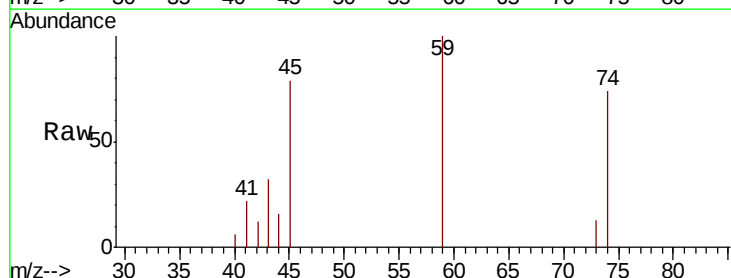
Tgt Ion: 101 Resp: 2710
 Ion Ratio Lower Upper
 101 100
 103 57.7 50.5 75.7

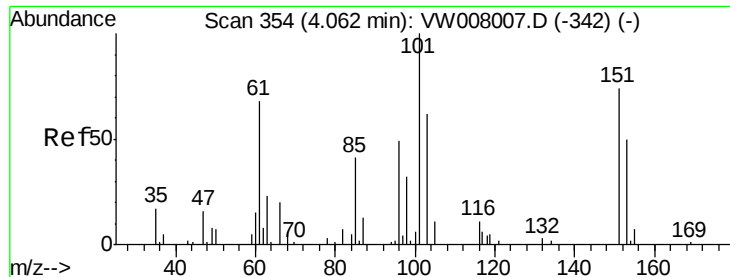


#8

Diethyl Ether
 Concen: 4.957 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW008004.D
 Acq: 02 Jan 2019 12:53

Tgt Ion: 74 Resp: 1570
 Ion Ratio Lower Upper
 74 100
 45 92.4 41.4 124.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.639 ug/l

RT: 4.07 min Scan# 356

Delta R.T. 0.01 min

Lab File: VW008004.D

Acq: 02 Jan 2019 12:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

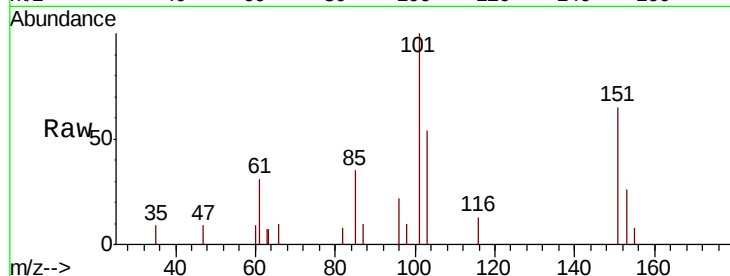
Tgt Ion:101 Resp: 3400

Ion Ratio Lower Upper

101 100

85 45.5 35.1 52.7

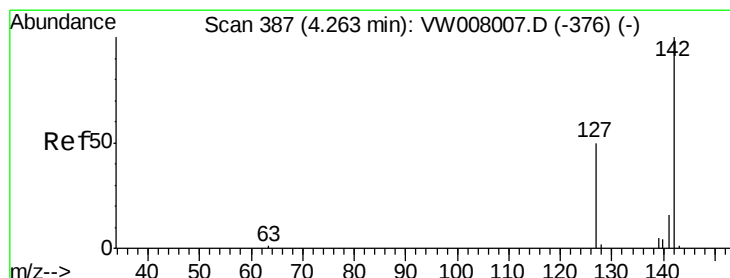
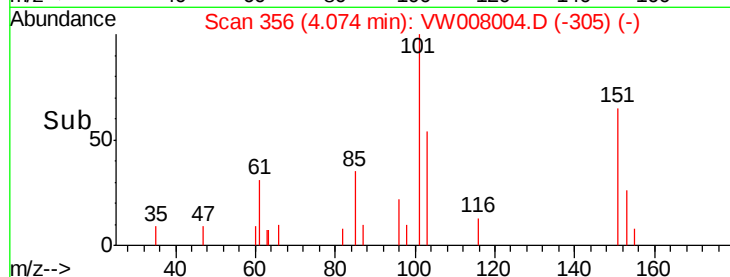
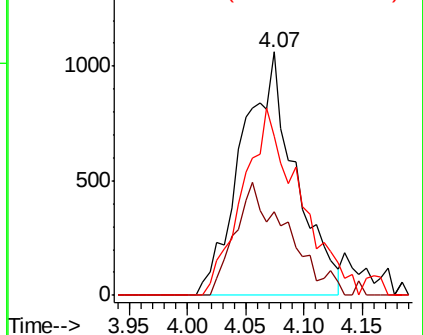
151 82.1 65.3 97.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.849 ug/l

RT: 4.26 min Scan# 387

Delta R.T. 0.00 min

Lab File: VW008004.D

Acq: 02 Jan 2019 12:53

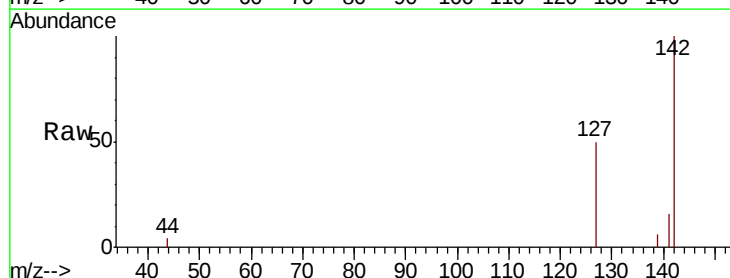
Tgt Ion:142 Resp: 5717

Ion Ratio Lower Upper

142 100

127 45.0 39.4 59.0

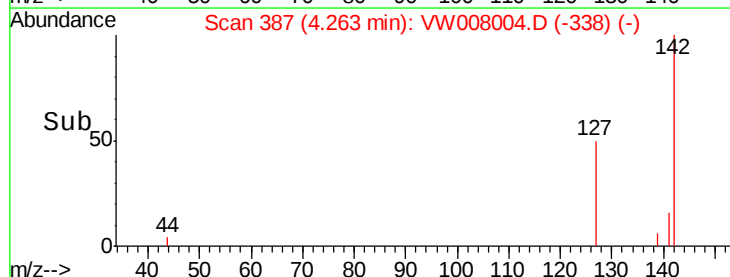
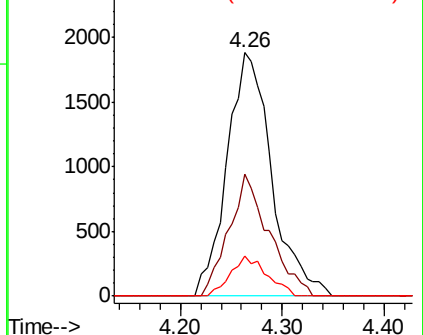
141 13.3 12.1 18.1

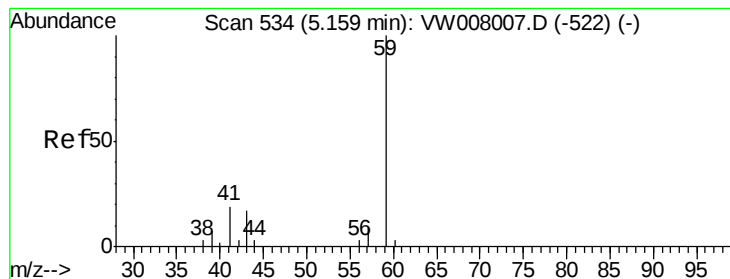


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



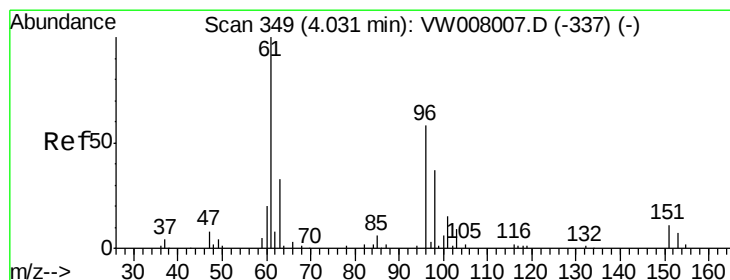
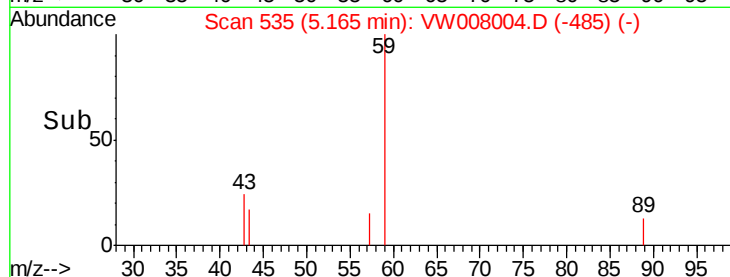
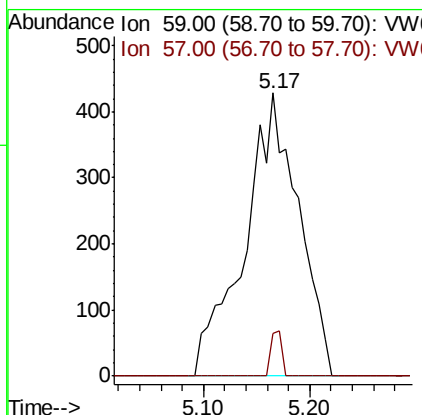
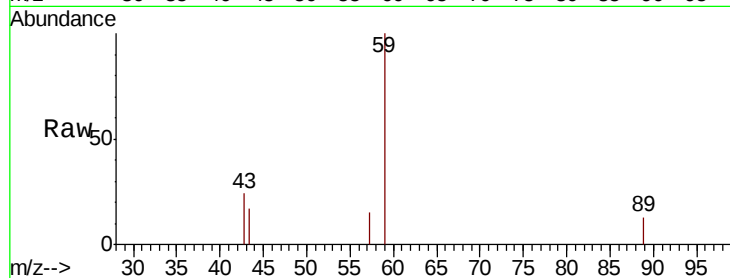


#11

Tert butyl alcohol
 Concen: 30.174 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. 0.01 min
 Lab File: VW008004.D
 Acq: 02 Jan 2019 12:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

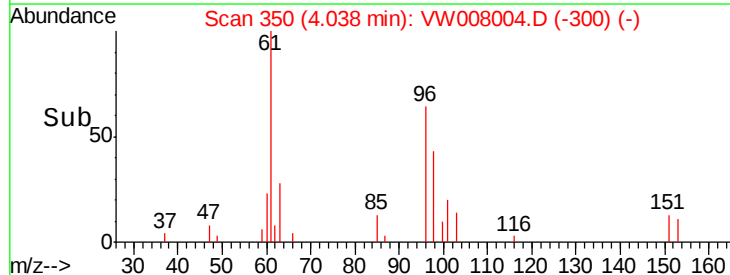
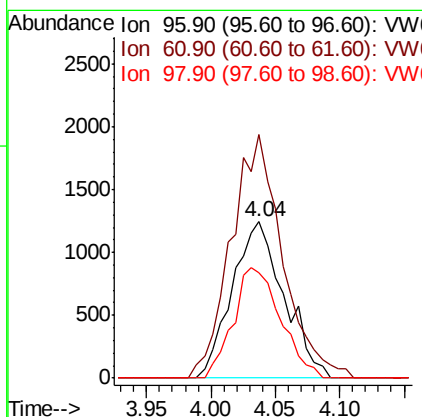
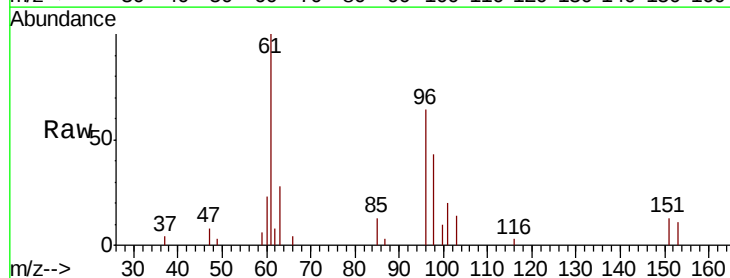
Tgt Ion: 59 Resp: 1515
 Ion Ratio Lower Upper
 59 100
 57 3.2 9.0 13.4#

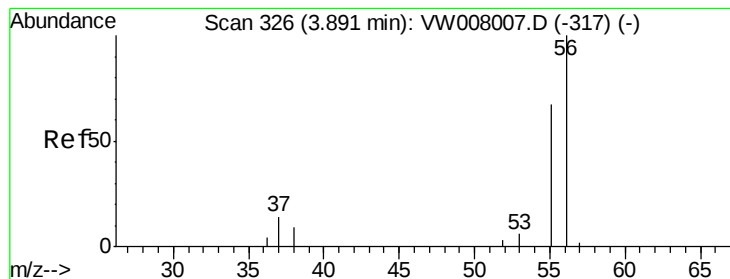


#12

1,1-Dichloroethene
 Concen: 4.972 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.01 min
 Lab File: VW008004.D
 Acq: 02 Jan 2019 12:53

Tgt Ion: 96 Resp: 3488
 Ion Ratio Lower Upper
 96 100
 61 156.0 137.3 205.9
 98 67.8 50.5 75.7





#13

Acrolein

Concen: 23.193 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW008004.D

Acq: 02 Jan 2019 12:53

Instrument :

MSVOA_W

ClientSampleId :

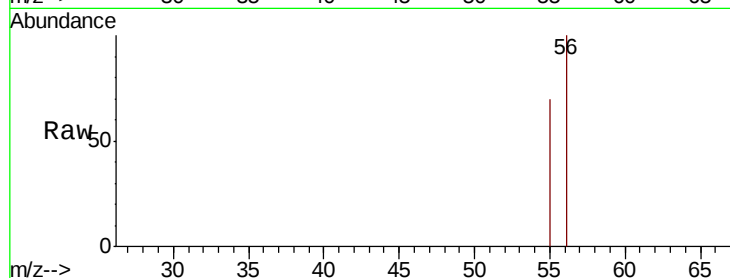
VSTDIC005

Tgt Ion: 56 Resp: 789

Ion Ratio Lower Upper

56 100

55 84.8 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.89

400

300

200

100

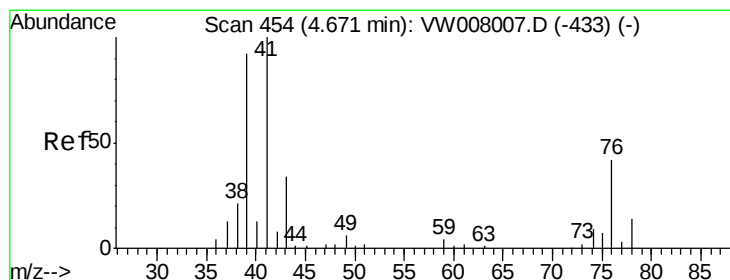
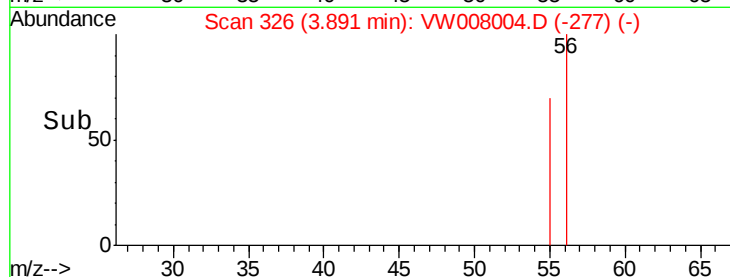
0

3.85

3.90

3.95

Time-->



#14

Allyl chloride

Concen: 4.796 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW008004.D

Acq: 02 Jan 2019 12:53

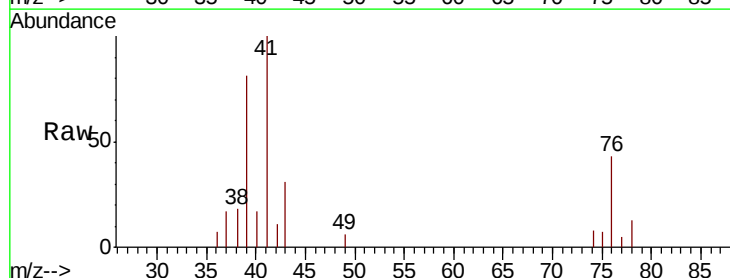
Tgt Ion: 41 Resp: 4558

Ion Ratio Lower Upper

41 100

39 88.6 71.1 106.7

76 41.5 33.4 50.2



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

4.67

2000

1500

1000

500

0

4.55

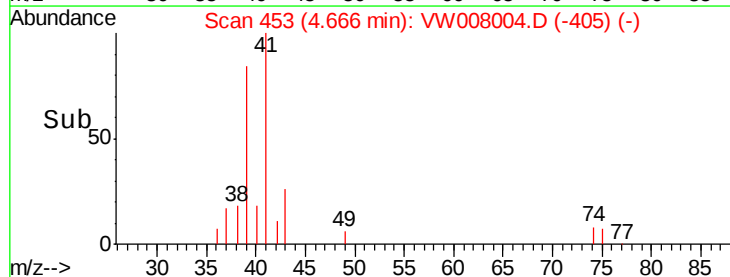
4.60

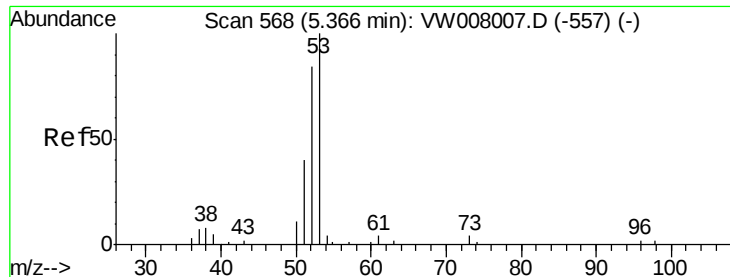
4.65

4.70

4.75

Time-->





#15

Acrylonitrile

Concen: 23.330 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW008004.D

Acq: 02 Jan 2019 12:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

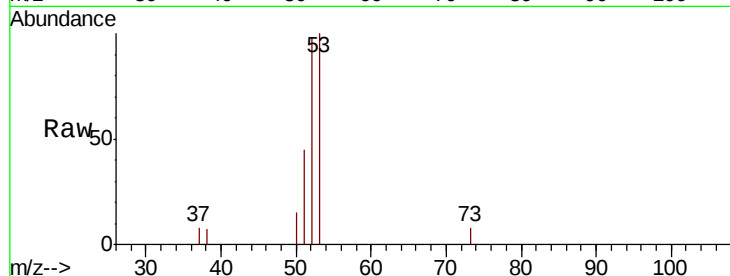
Tgt Ion: 53 Resp: 2718

Ion Ratio Lower Upper

53 100

52 90.1 67.8 101.8

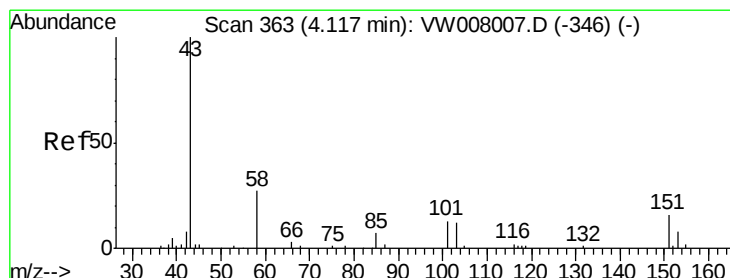
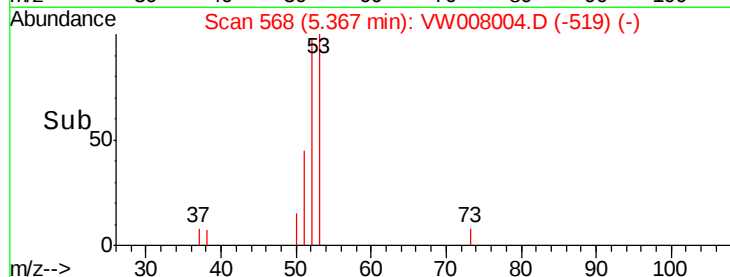
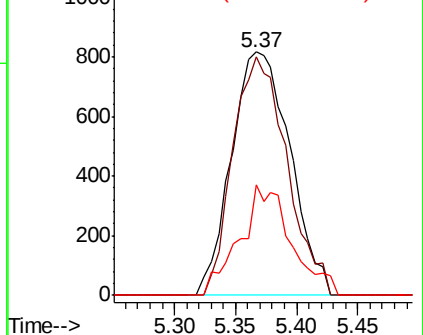
51 39.7 31.5 47.3



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 26.607 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008004.D

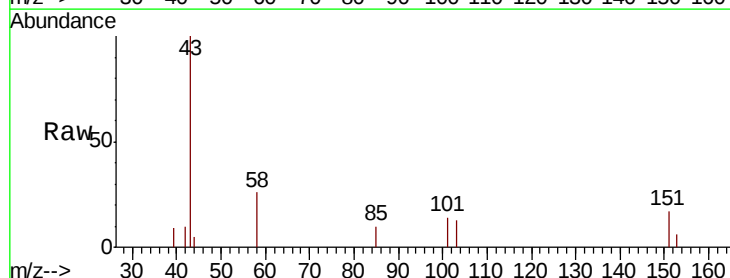
Acq: 02 Jan 2019 12:53

Tgt Ion: 43 Resp: 3183

Ion Ratio Lower Upper

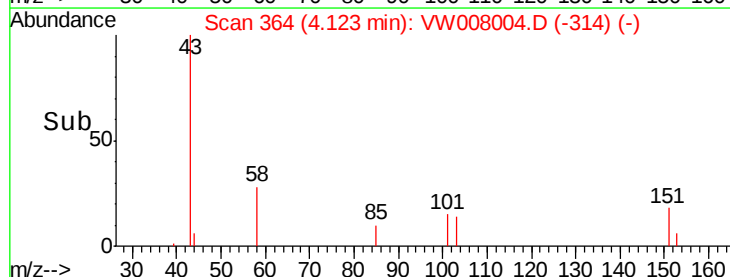
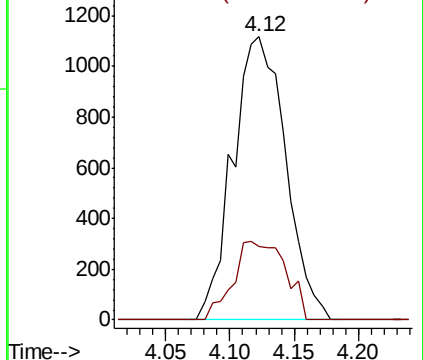
43 100

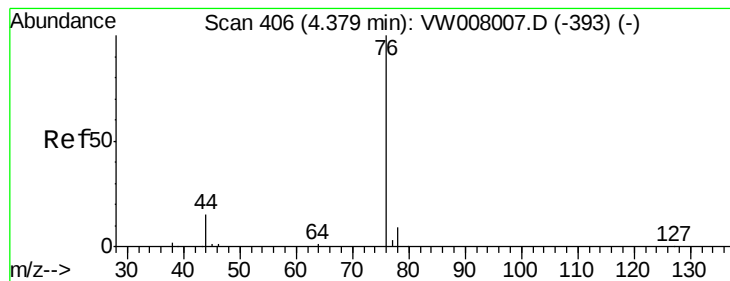
58 25.8 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 4.726 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW008004.D

Acq: 02 Jan 2019 12:53

Instrument :

MSVOA_W

ClientSampleId :

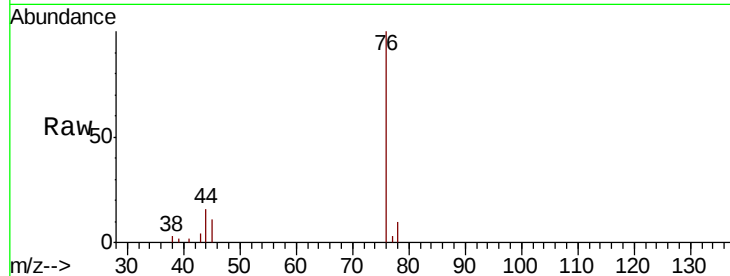
VSTDIC005

Tgt Ion: 76 Resp: 10127

Ion Ratio Lower Upper

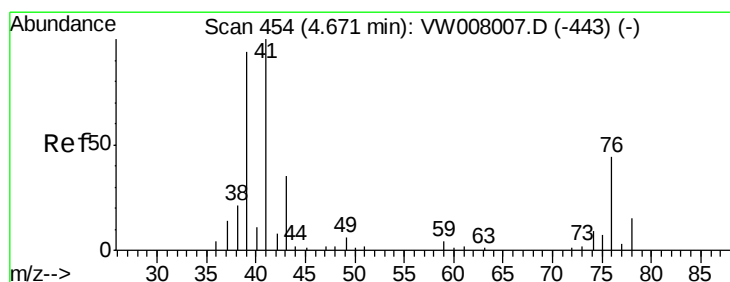
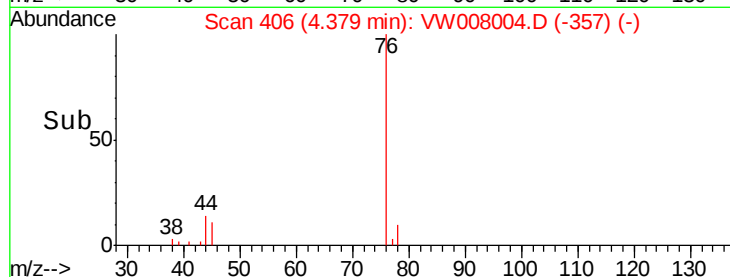
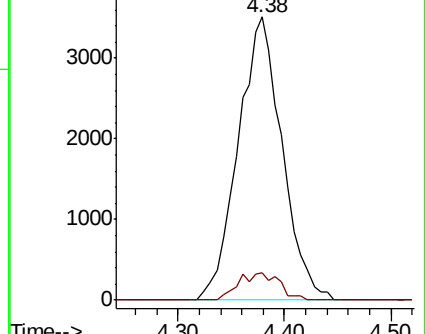
76 100

78 9.8 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 2.289 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW008004.D

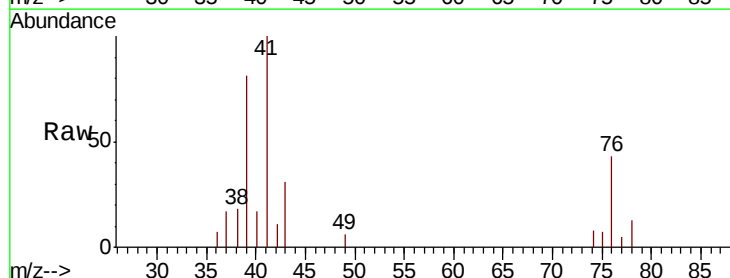
Acq: 02 Jan 2019 12:53

Tgt Ion: 43 Resp: 710

Ion Ratio Lower Upper

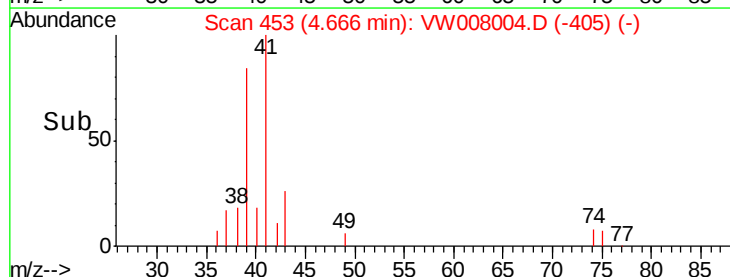
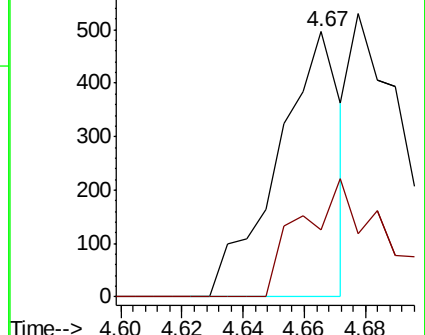
43 100

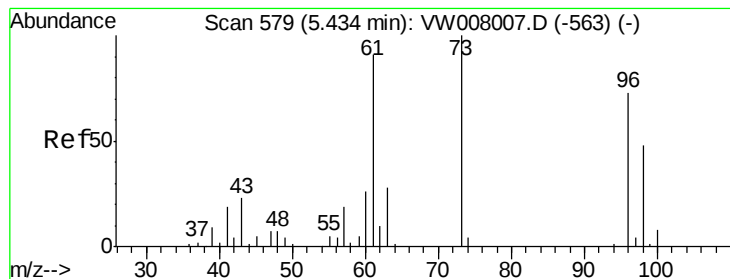
74 54.8 21.4 32.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



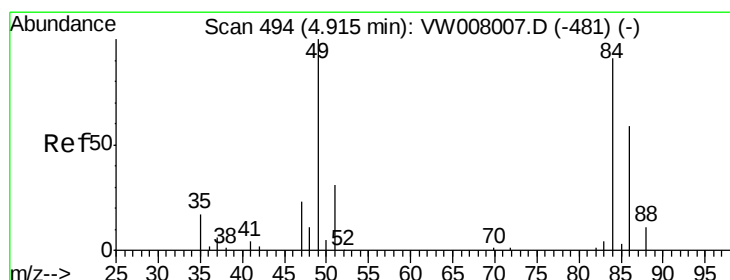
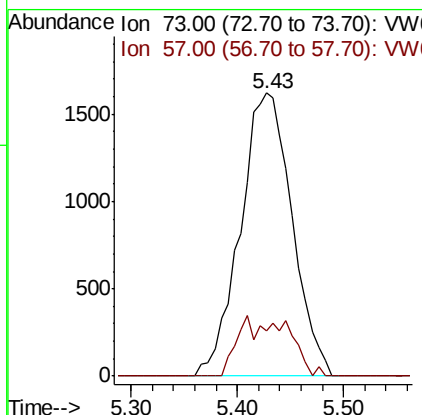
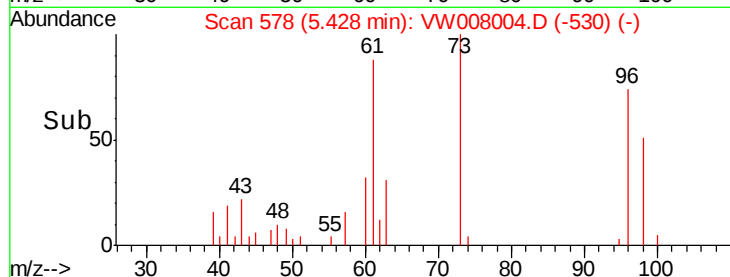
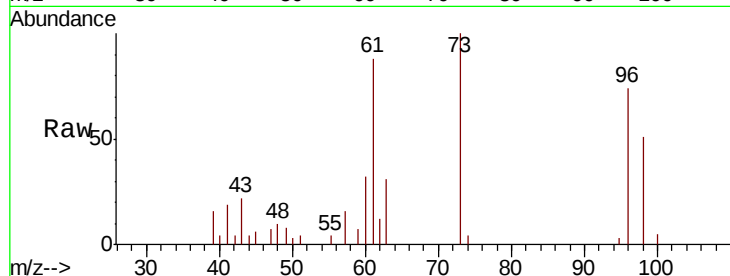


#19

Methyl tert-butyl Ether
 Concen: 4.987 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: VW008004.D
 Acq: 02 Jan 2019 12:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

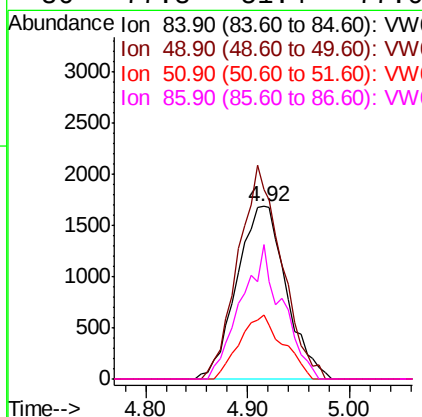
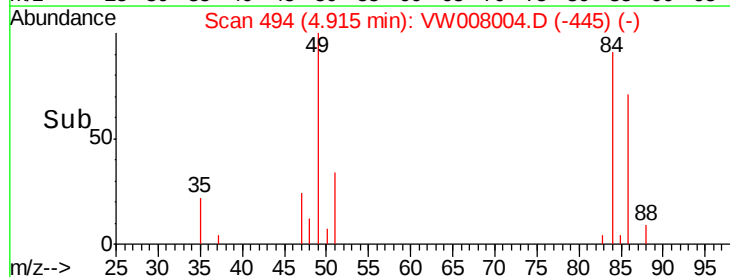
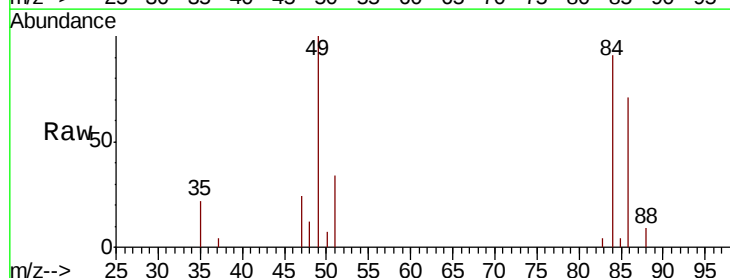
Tgt Ion: 73 Resp: 5506
 Ion Ratio Lower Upper
 73 100
 57 15.9 15.4 23.0

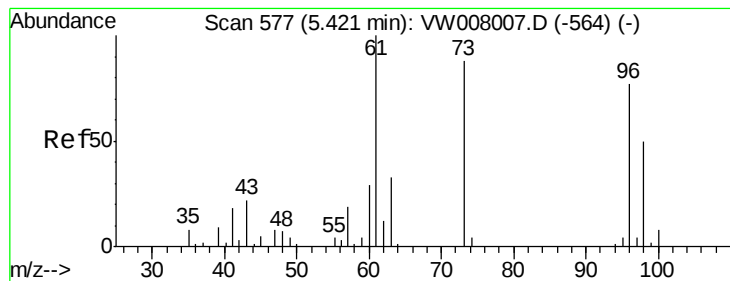


#20

Methylene Chloride
 Concen: 6.856 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW008004.D
 Acq: 02 Jan 2019 12:53

Tgt Ion: 84 Resp: 5657
 Ion Ratio Lower Upper
 84 100
 49 109.9 87.7 131.5
 51 37.5 27.3 40.9
 86 77.8 51.4 77.0#





#21

trans-1,2-Dichloroethene

Concen: 5.119 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW008004.D

Acq: 02 Jan 2019 12:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

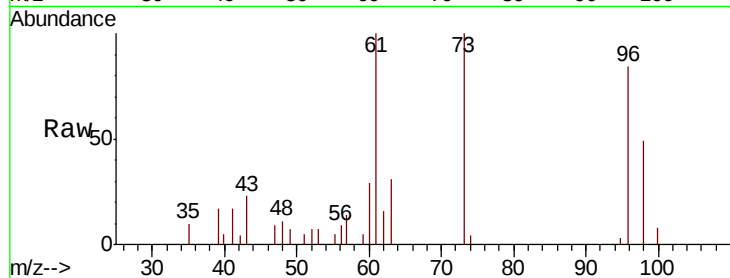
Tgt Ion: 96 Resp: 3907

Ion Ratio Lower Upper

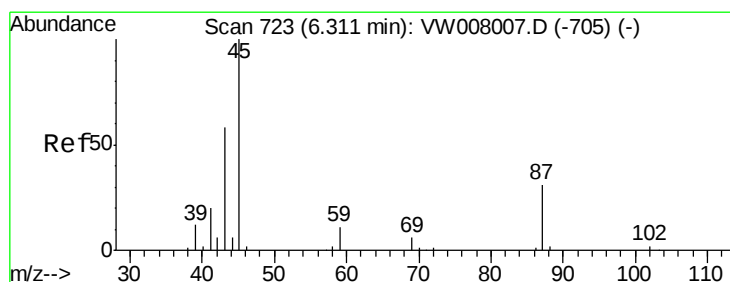
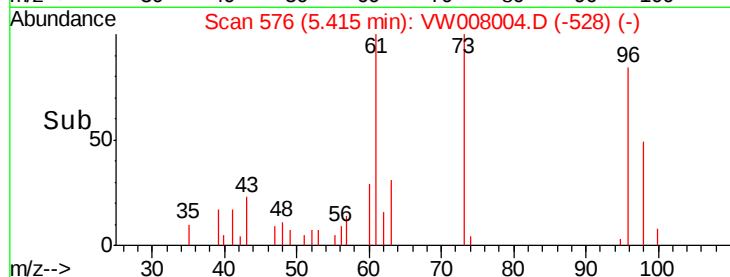
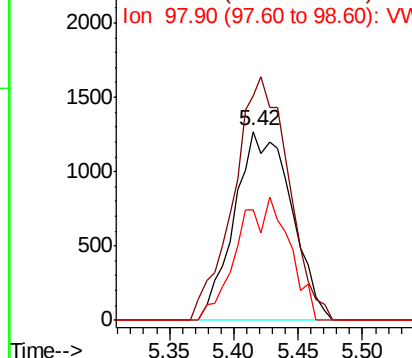
96 100

61 118.9 104.2 156.2

98 58.3 51.8 77.6



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



#22

Diisopropyl ether

Concen: 4.778 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW008004.D

Acq: 02 Jan 2019 12:53

Tgt Ion: 45 Resp: 8150

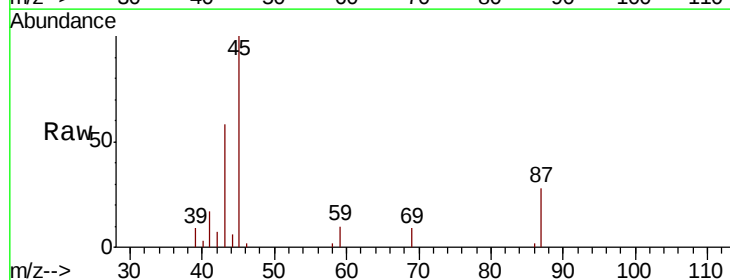
Ion Ratio Lower Upper

45 100

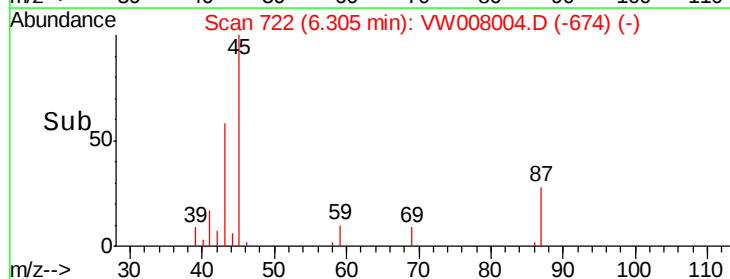
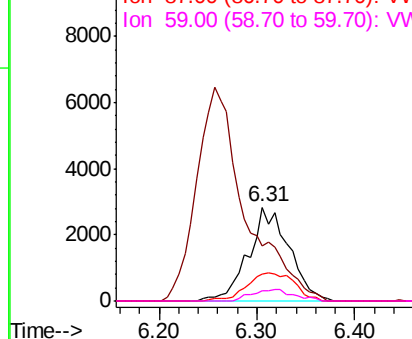
43 58.1 48.1 72.1

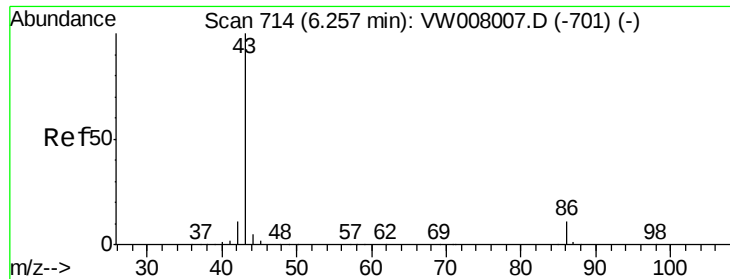
87 28.1 25.8 38.8

59 10.3 8.7 13.1



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

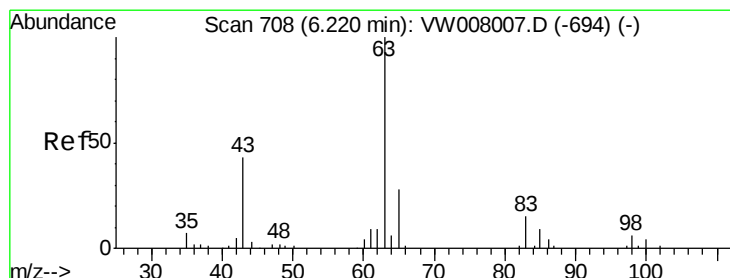
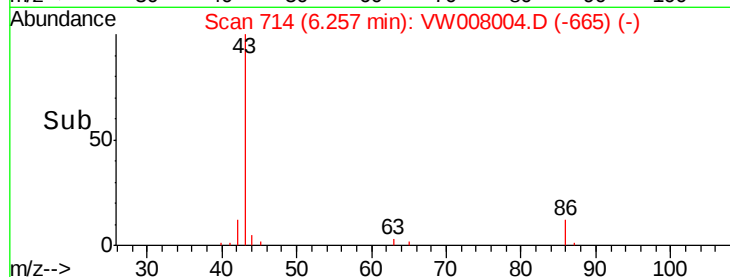
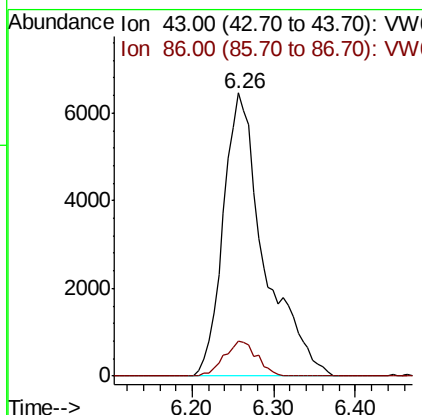
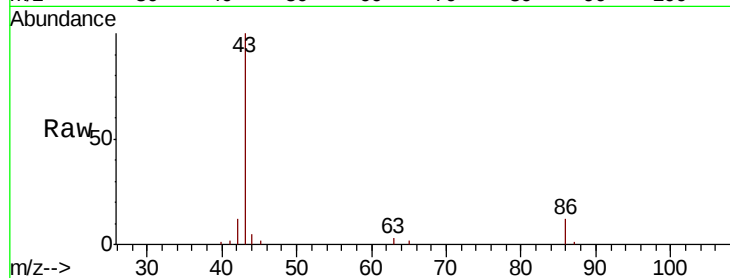




#23
 Vinyl Acetate
 Concen: 23.447 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: VW008004.D
 Acq: 02 Jan 2019 12:53

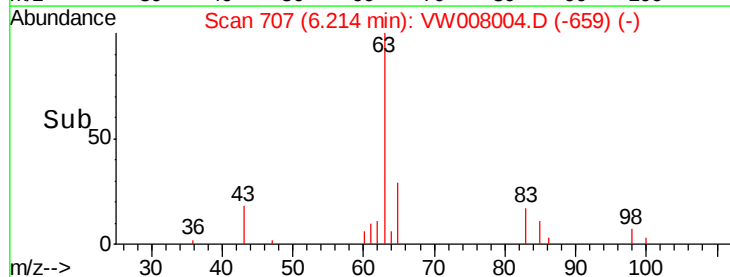
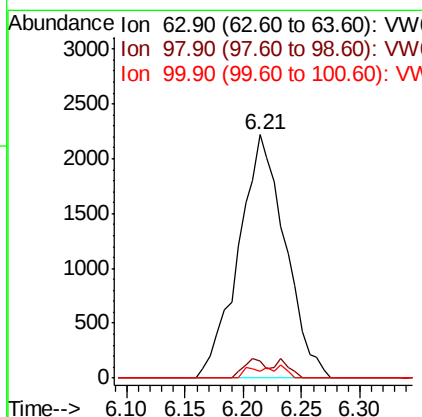
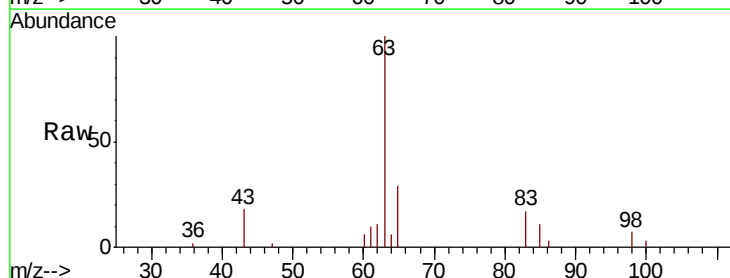
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

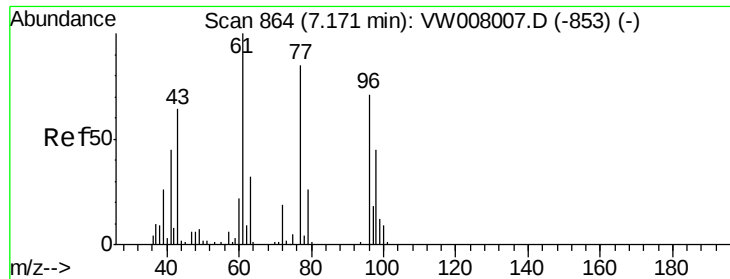
Tgt Ion: 43 Resp: 22378
 Ion Ratio Lower Upper
 43 100
 86 12.2 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 4.874 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: VW008004.D
 Acq: 02 Jan 2019 12:53

Tgt Ion: 63 Resp: 6177
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.2 9.6
 100 2.8 2.1 6.2





#25

2-Butanone

Concen: 25.513 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW008004.D

Acq: 02 Jan 2019 12:53

Instrument :

MSVOA_W

ClientSampleId :

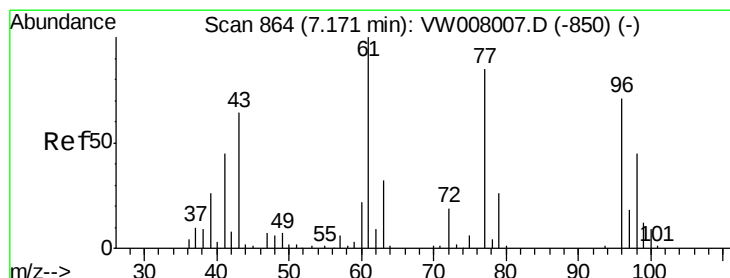
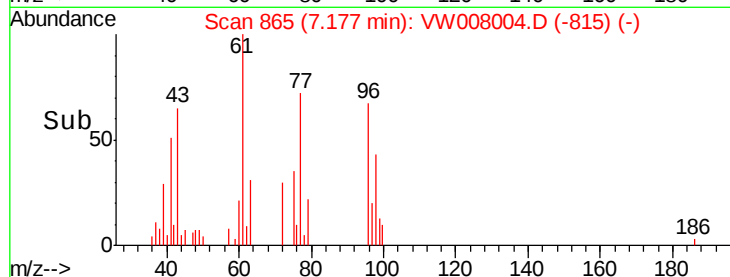
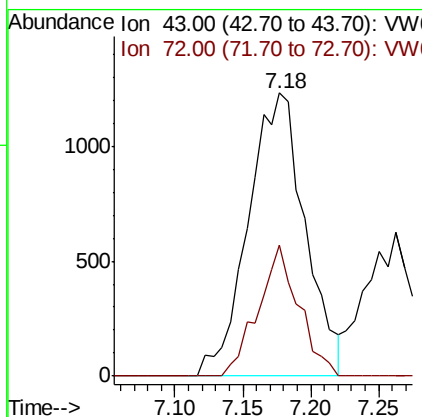
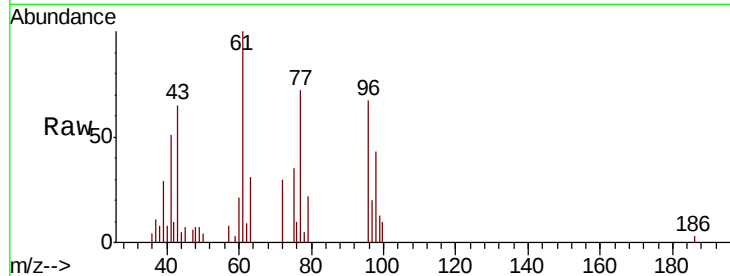
VSTDIC005

Tgt Ion: 43 Resp: 3596

Ion Ratio Lower Upper

43 100

72 46.5 23.8 35.8#



#26

2,2-Dichloropropane

Concen: 5.117 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008004.D

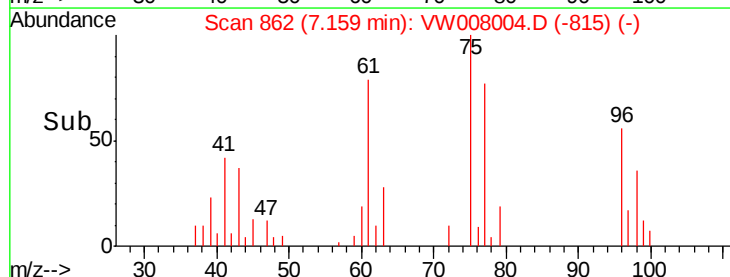
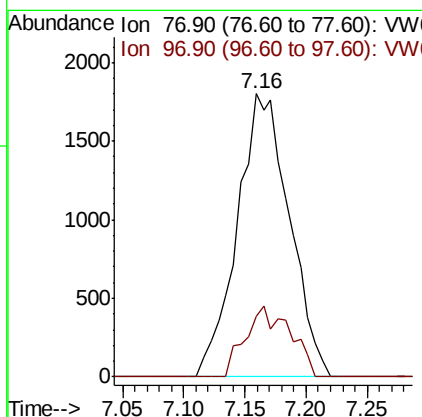
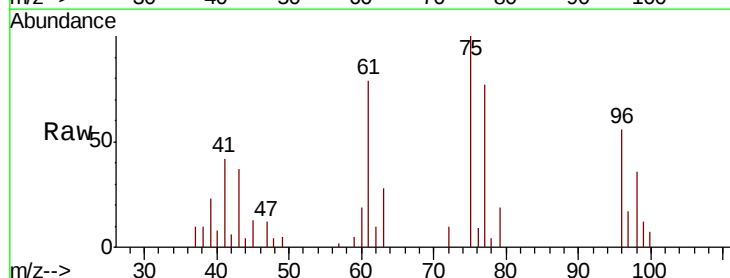
Acq: 02 Jan 2019 12:53

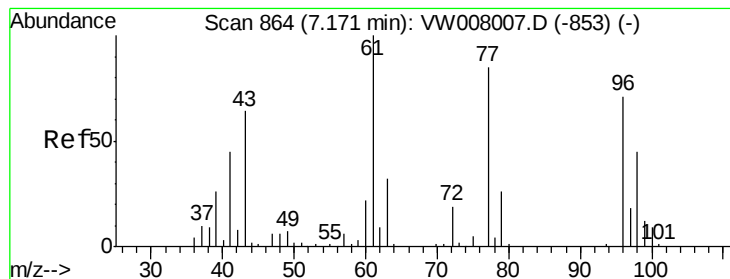
Tgt Ion: 77 Resp: 5343

Ion Ratio Lower Upper

77 100

97 21.6 11.0 33.0



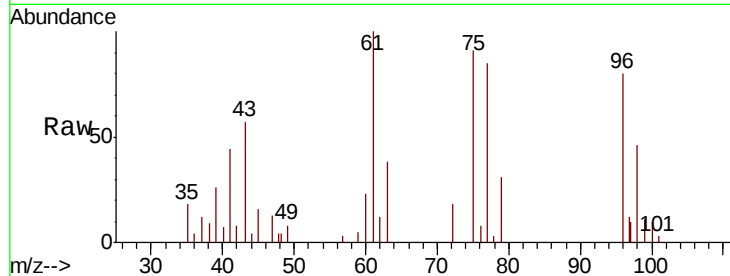


#27

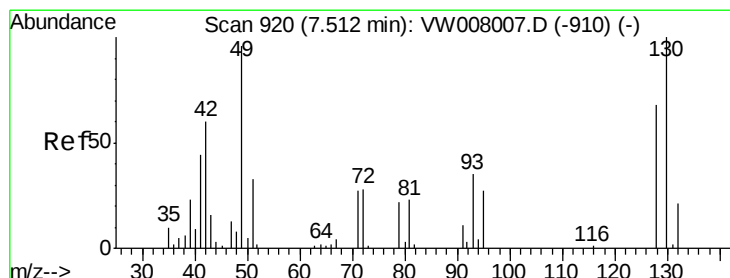
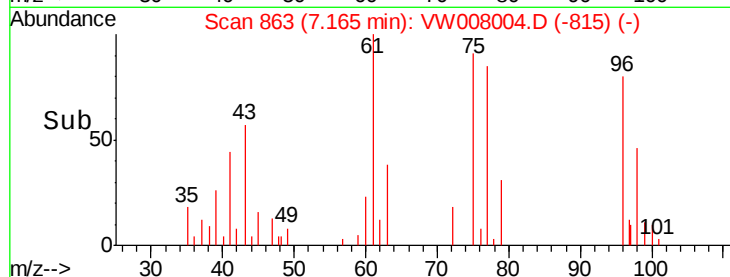
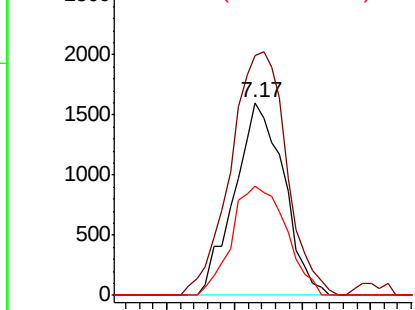
cis-1,2-Dichloroethene
Concen: 4.989 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW008004.D
Acq: 02 Jan 2019 12:53

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tgt Ion: 96 Resp: 4056
Ion Ratio Lower Upper
96 100
61 143.2 0.0 286.4
98 62.5 0.0 130.6



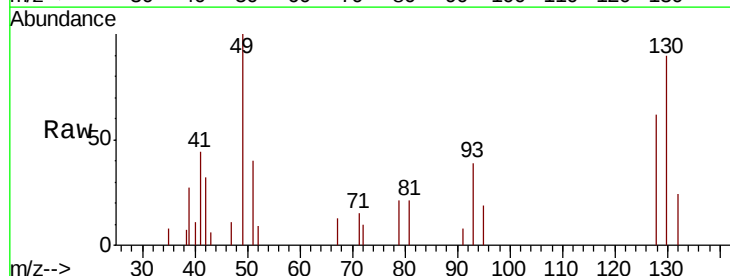
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



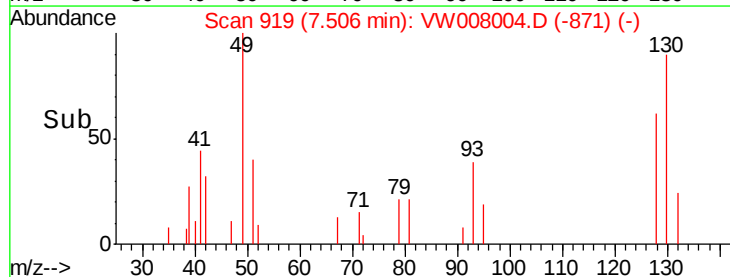
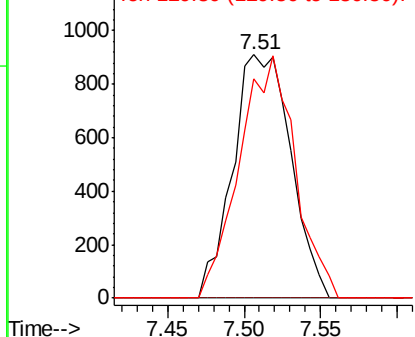
#28

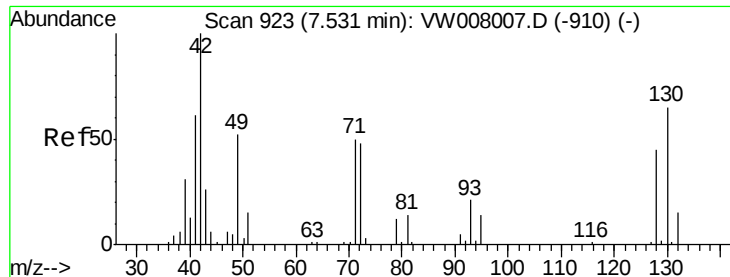
Bromochloromethane
Concen: 5.918 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW008004.D
Acq: 02 Jan 2019 12:53

Tgt Ion: 49 Resp: 2411
Ion Ratio Lower Upper
49 100
129 0.0 0.0 0.8
130 95.1 78.5 117.7



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





#29

Tetrahydrofuran

Concen: 24.420 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW008004.D

Acq: 02 Jan 2019 12:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

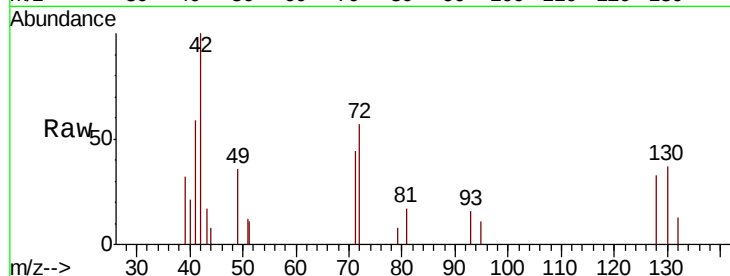
Tgt Ion: 42 Resp: 2138

Ion Ratio Lower Upper

42 100

72 42.2 39.0 58.6

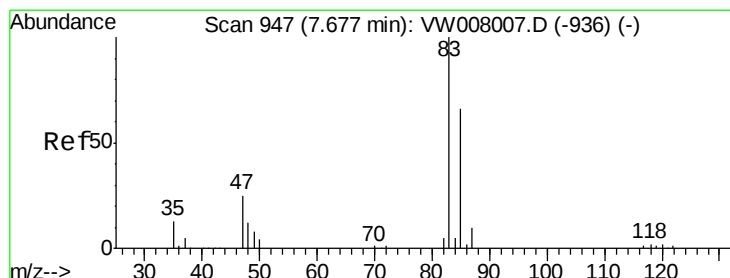
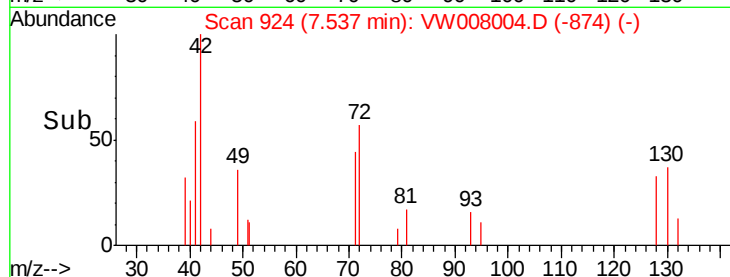
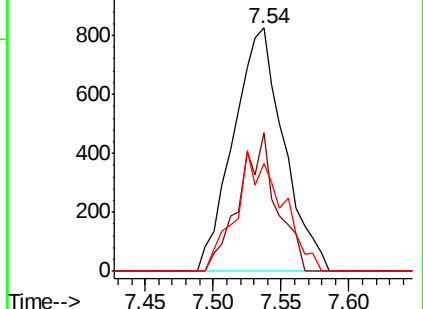
71 44.9 39.1 58.7



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 5.097 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.01 min

Lab File: VW008004.D

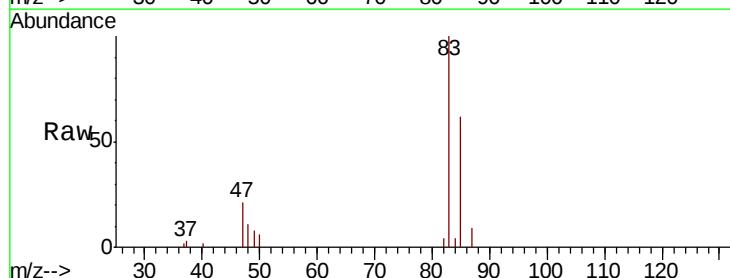
Acq: 02 Jan 2019 12:53

Tgt Ion: 83 Resp: 7240

Ion Ratio Lower Upper

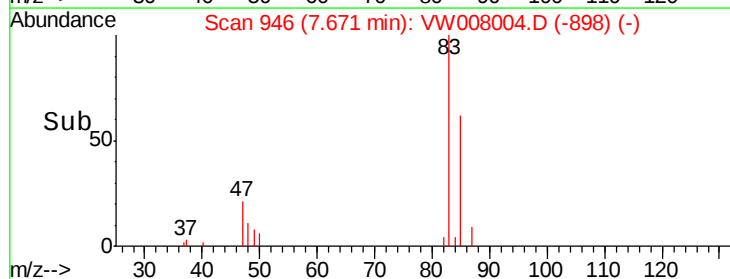
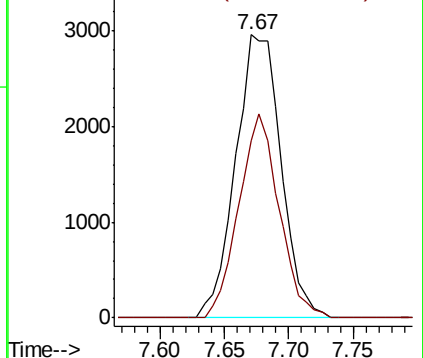
83 100

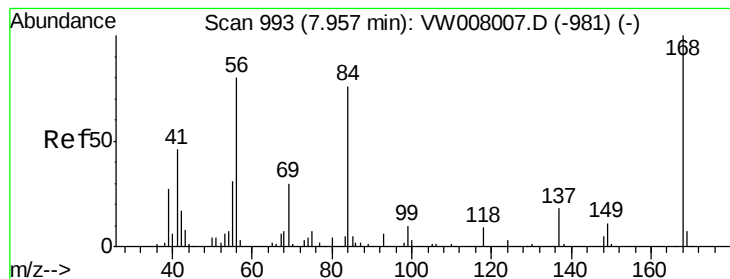
85 62.5 52.7 79.1



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 5.689 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW008004.D

Acq: 02 Jan 2019 12:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

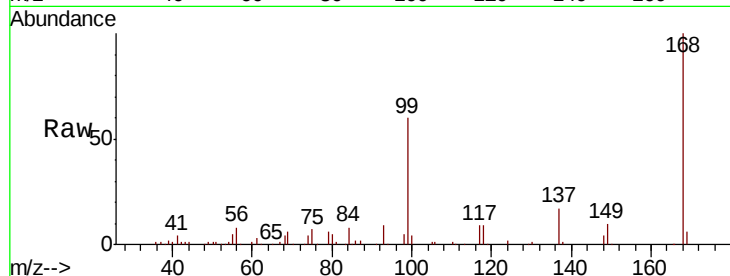
Tgt Ion: 56 Resp: 6720

Ion Ratio Lower Upper

56 100

69 74.3 29.8 44.6#

84 94.8 75.2 112.8

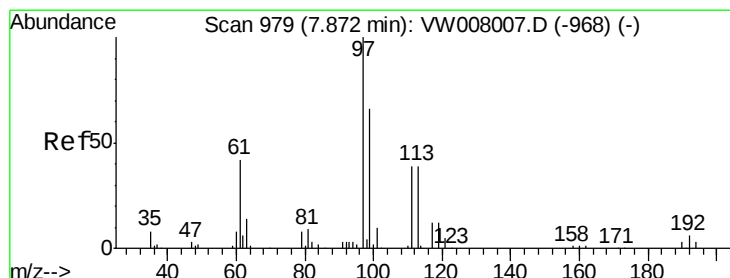
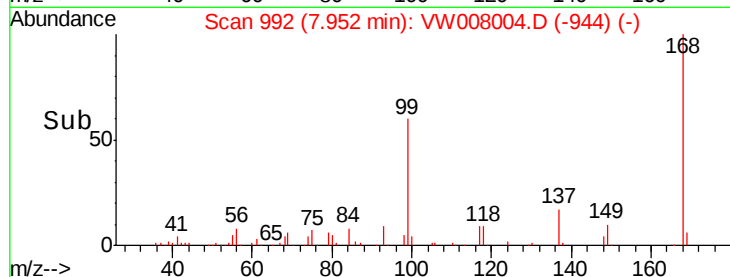
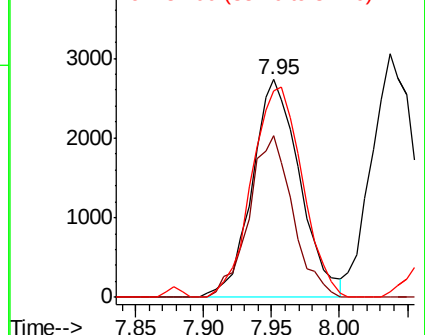


Abundance

Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 4.763 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW008004.D

Acq: 02 Jan 2019 12:53

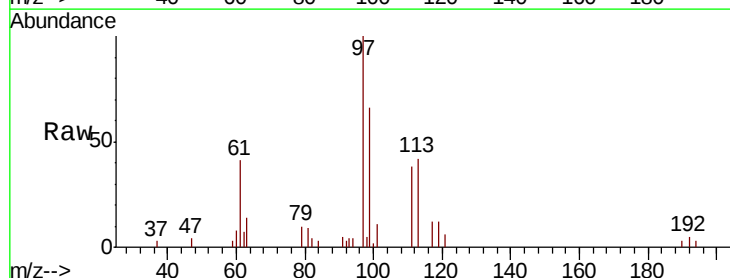
Tgt Ion: 97 Resp: 6474

Ion Ratio Lower Upper

97 100

99 65.1 51.5 77.3

61 44.2 33.4 50.0

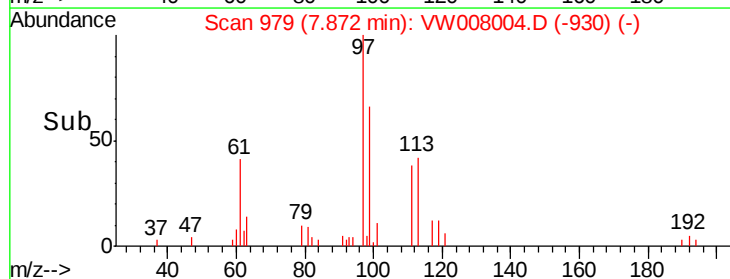
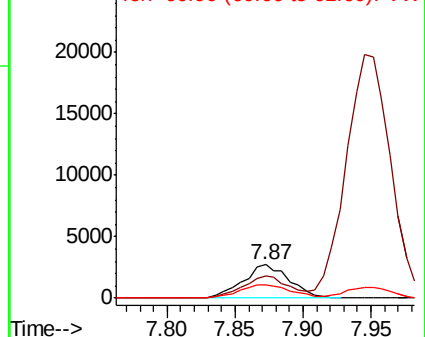


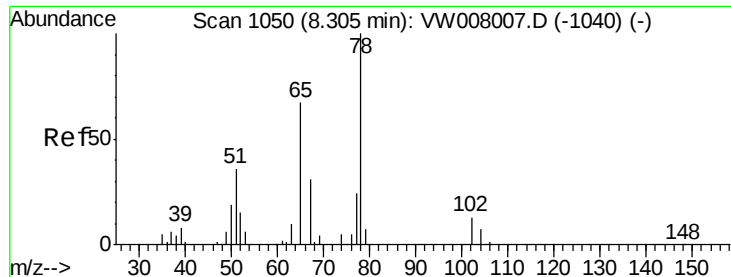
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 5.388 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VW008004.D

Acq: 02 Jan 2019 12:53

Instrument :

MSVOA_W

ClientSampleId :

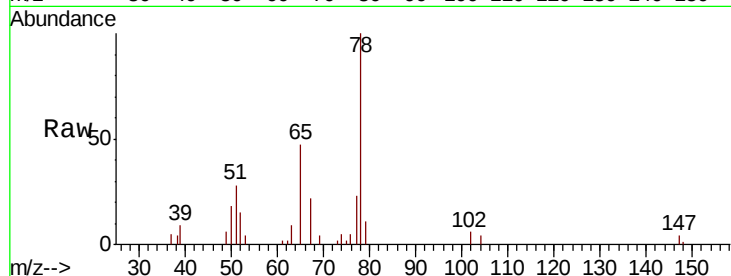
VSTDIC005

Tgt Ion: 65 Resp: 4164

Ion Ratio Lower Upper

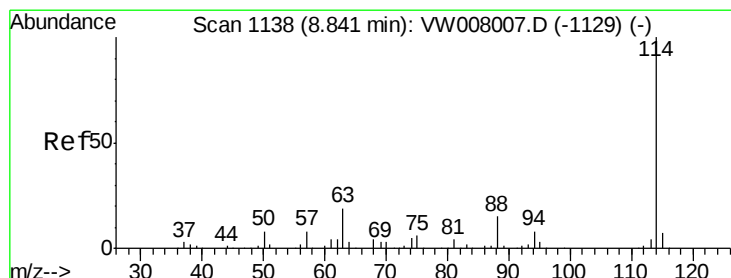
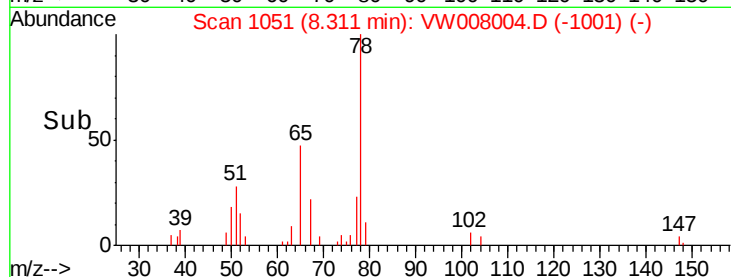
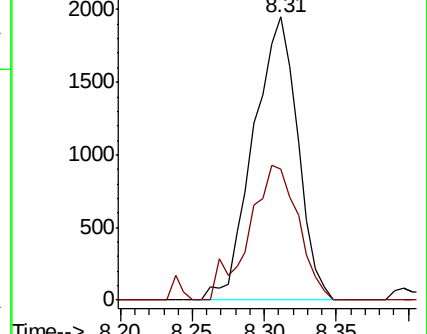
65 100

67 53.1 0.0 94.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008004.D

Acq: 02 Jan 2019 12:53

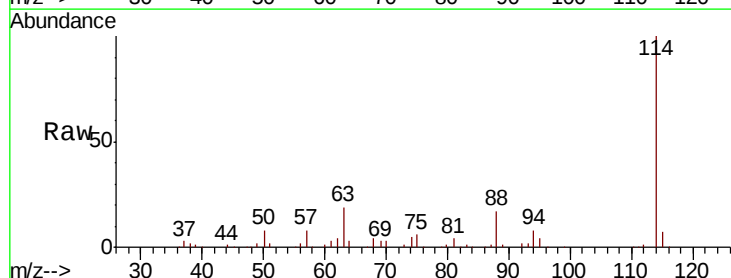
Tgt Ion: 114 Resp: 110183

Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.8

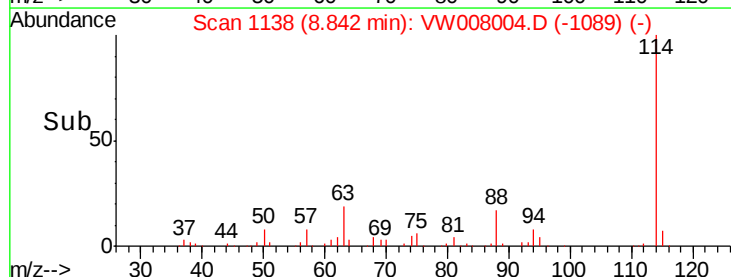
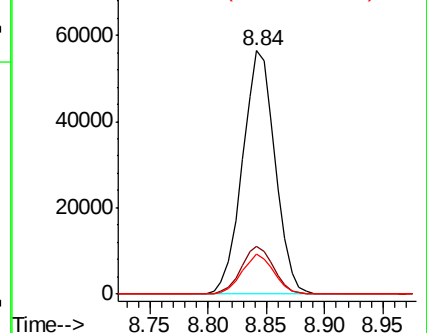
88 16.7 0.0 31.0

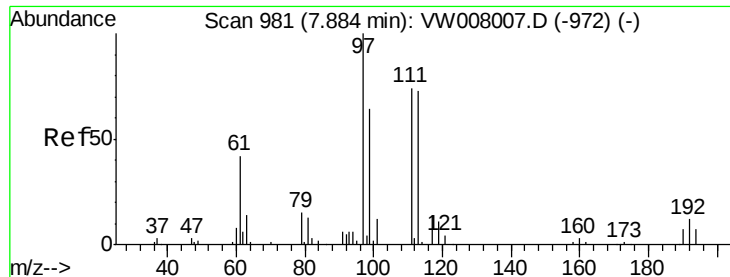


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 5.384 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008004.D

Acq: 02 Jan 2019 12:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

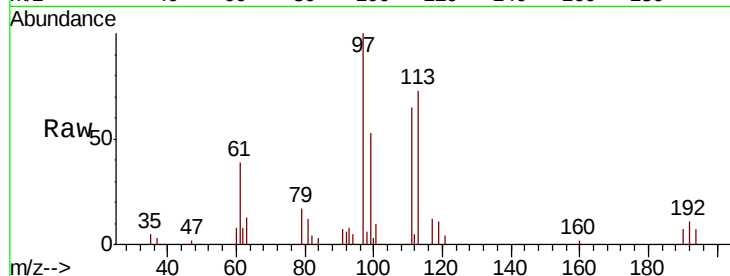
Tgt Ion: 113 Resp: 3740

Ion Ratio Lower Upper

113 100

111 99.1 81.4 122.0

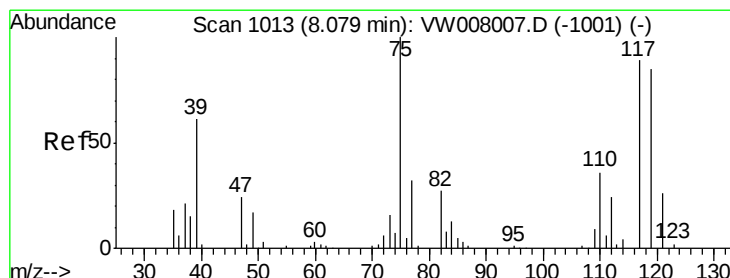
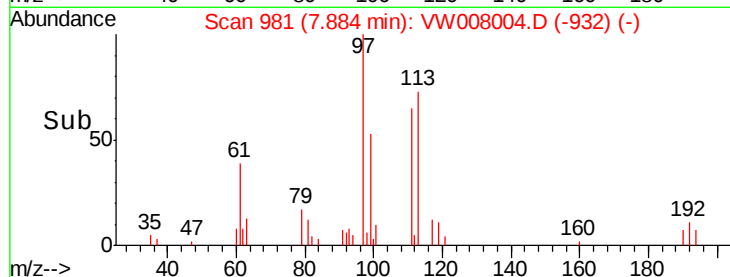
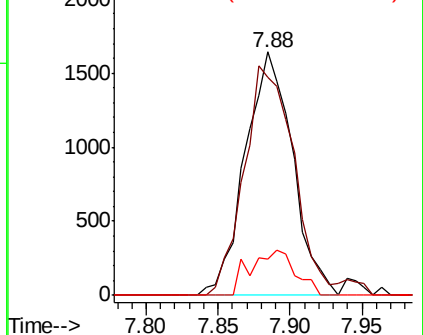
192 17.6 14.8 22.2



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: 4.825 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.01 min

Lab File: VW008004.D

Acq: 02 Jan 2019 12:53

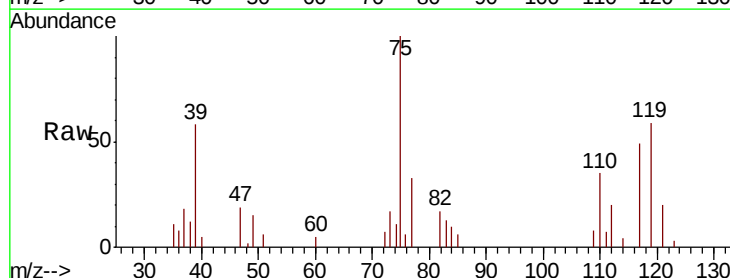
Tgt Ion: 75 Resp: 5244

Ion Ratio Lower Upper

75 100

110 34.9 18.1 54.3

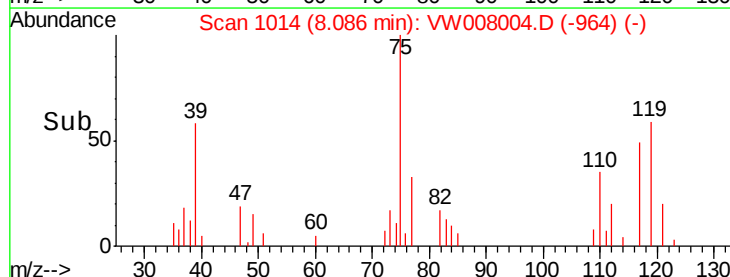
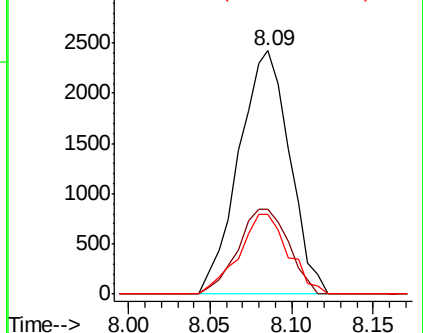
77 32.0 25.3 37.9

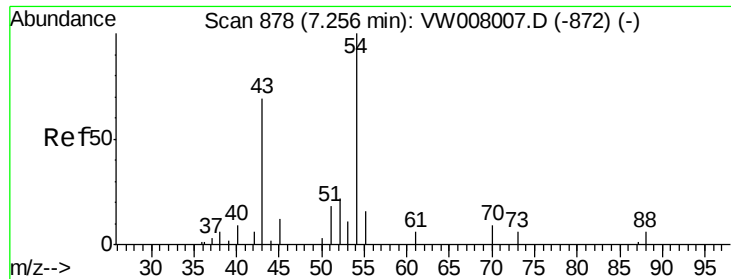


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

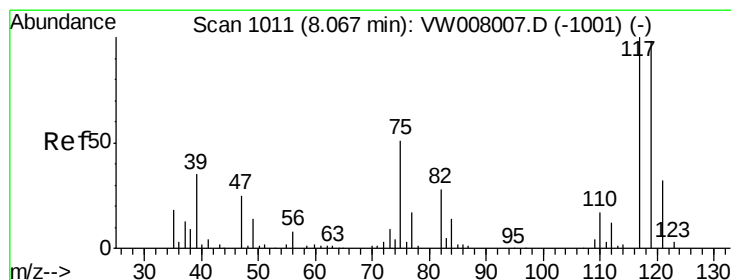
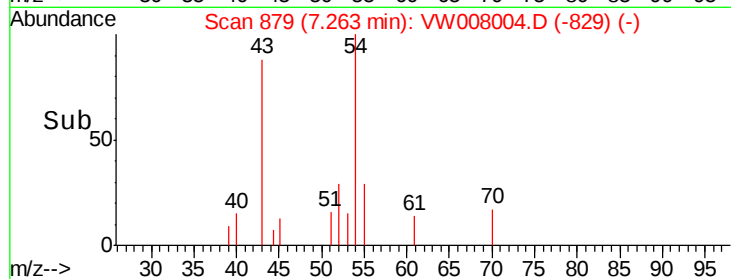
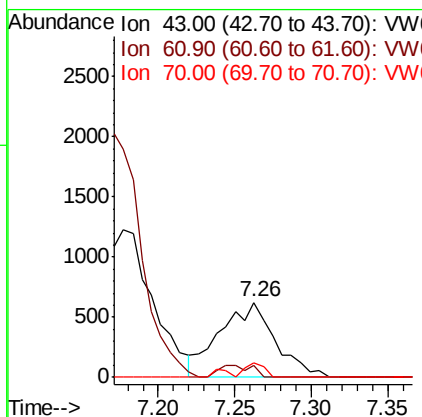
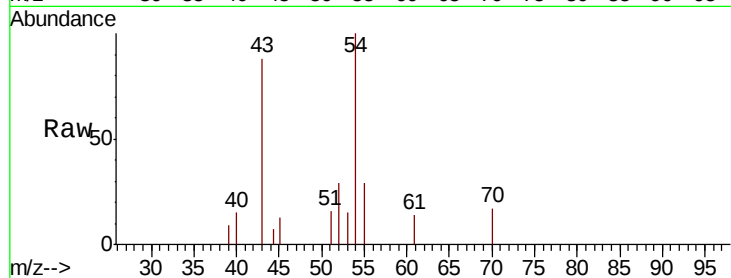




#37
Ethyl Acetate
Concen: 4.797 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW008004.D
Acq: 02 Jan 2019 12:53

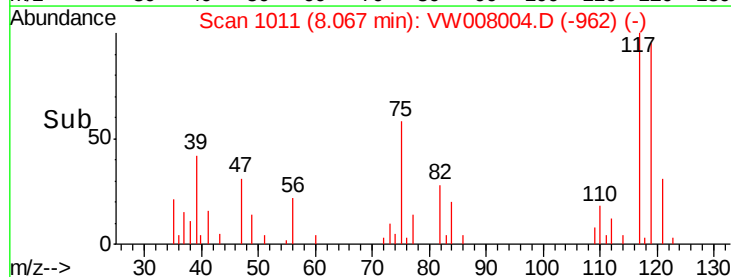
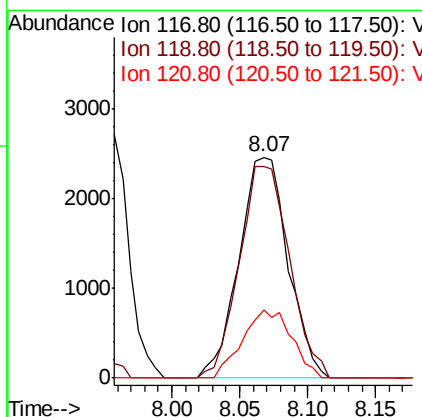
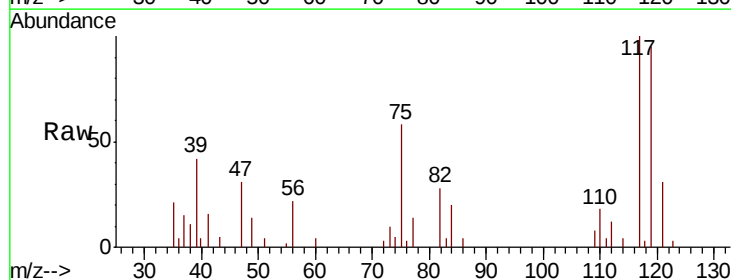
Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

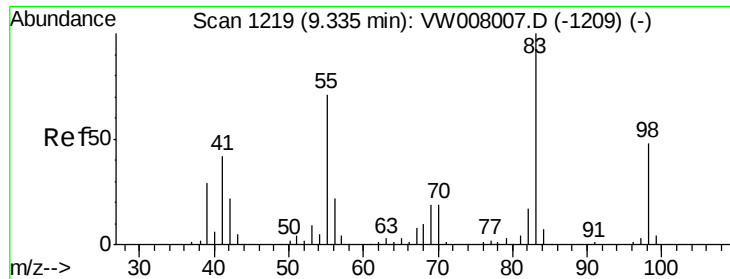
Tgt Ion: 43 Resp: 1566
Ion Ratio Lower Upper
43 100
61 0.0 11.4 17.2#
70 9.5 9.4 14.0



#38
Carbon Tetrachloride
Concen: 4.773 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW008004.D
Acq: 02 Jan 2019 12:53

Tgt Ion: 117 Resp: 6217
Ion Ratio Lower Upper
117 100
119 95.4 78.7 118.1
121 30.8 25.8 38.8

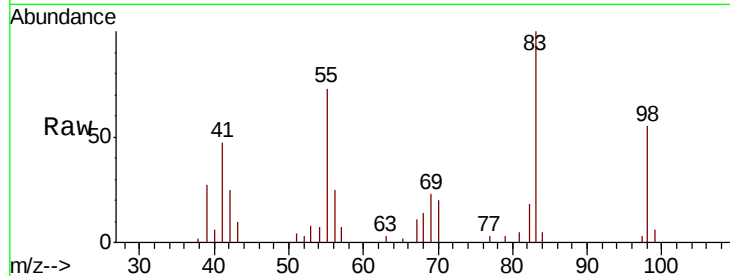




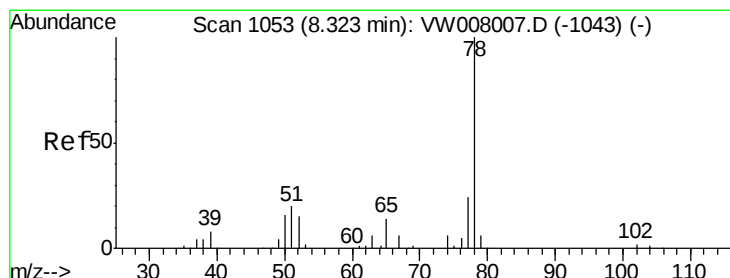
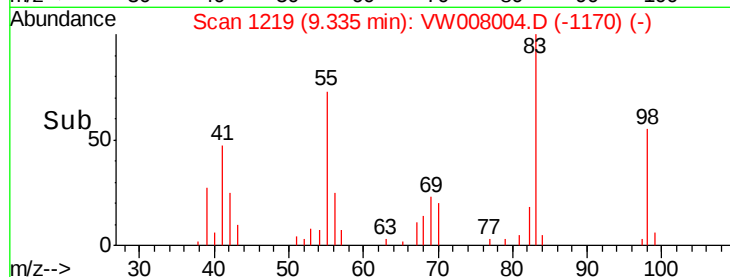
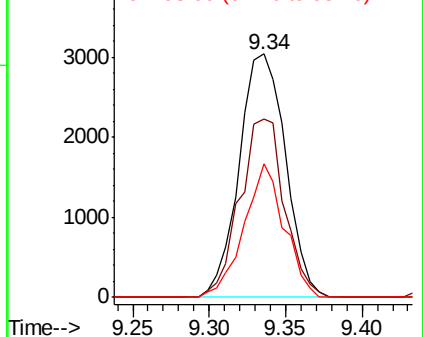
#39
Methylcyclohexane
Concen: 4.734 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008004.D
Acq: 02 Jan 2019 12:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 6414
Ion Ratio Lower Upper
83 100
55 73.1 56.8 85.2
98 54.7 38.6 58.0

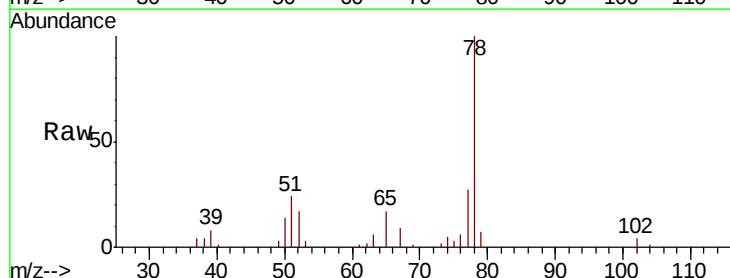


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

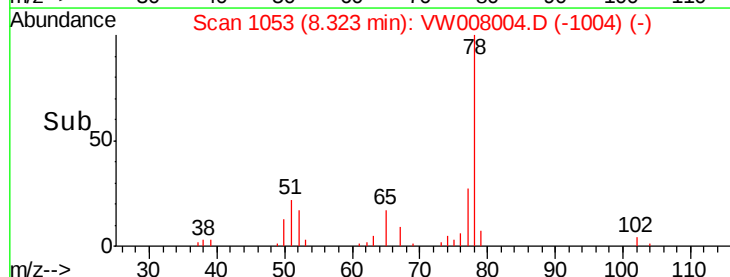
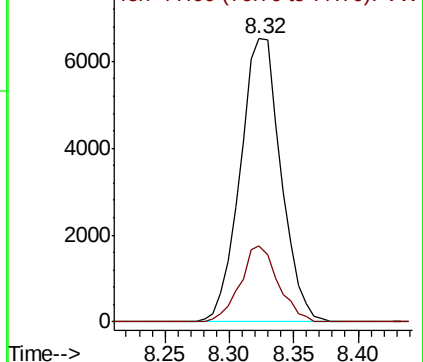


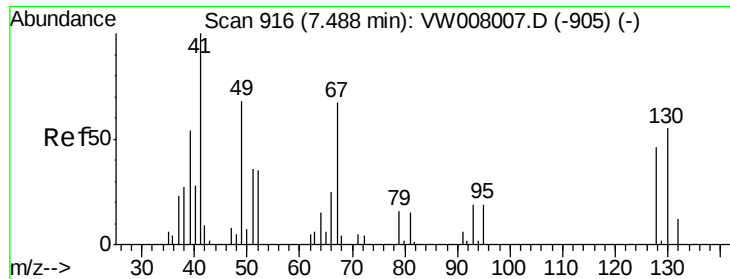
#40
Benzene
Concen: 4.972 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008004.D
Acq: 02 Jan 2019 12:53

Tgt Ion: 78 Resp: 14256
Ion Ratio Lower Upper
78 100
77 26.8 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW

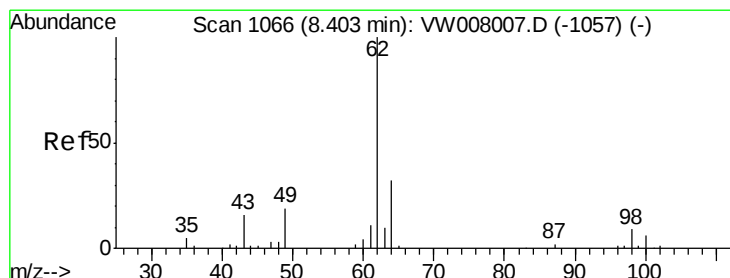
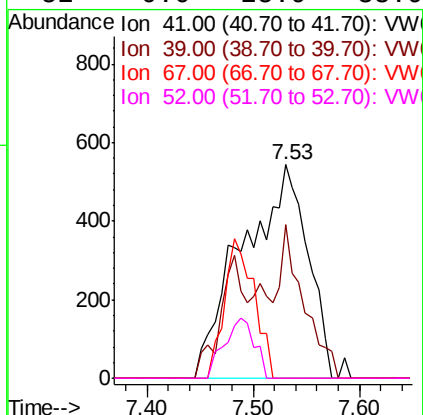
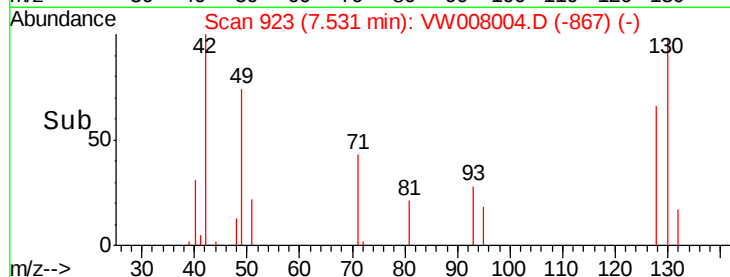
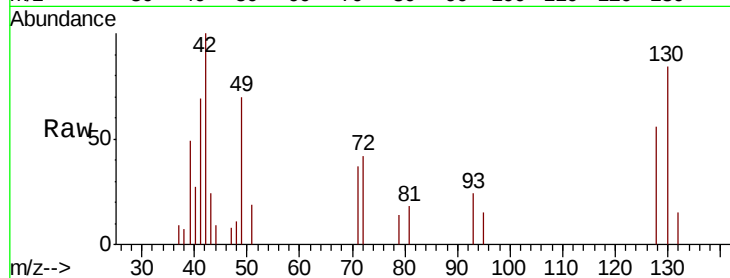




#41
Methacrylonitrile
Concen: 11.449 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.04 min
Lab File: VW008004.D
Acq: 02 Jan 2019 12:53

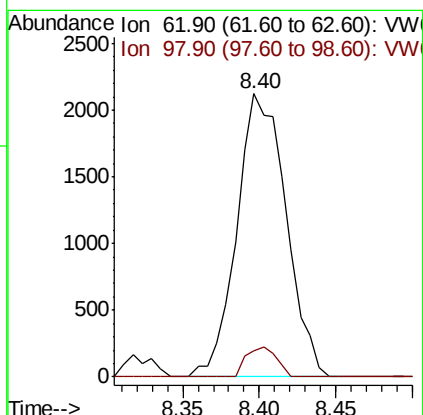
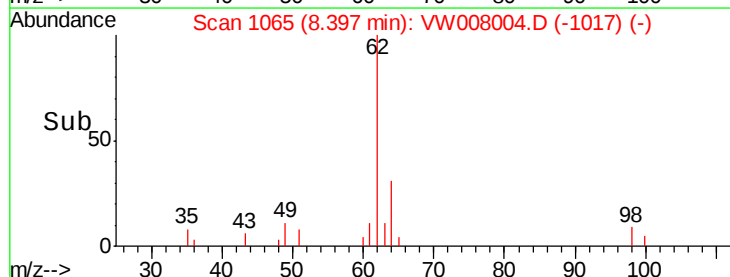
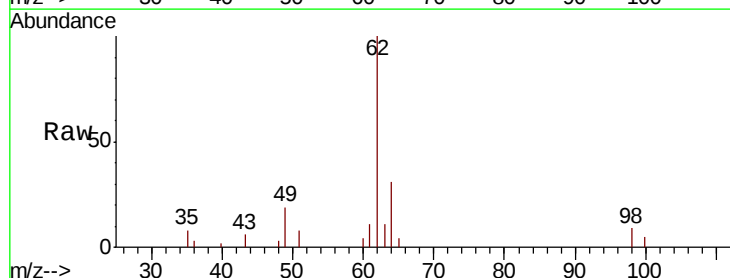
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

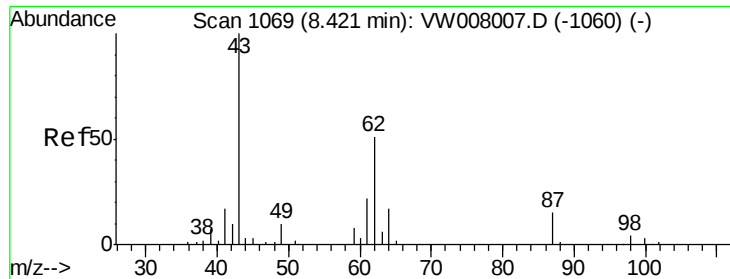
Tgt Ion: 41 Resp: 2303
Ion Ratio Lower Upper
41 100
39 26.9 48.6 72.8#
67 0.0 55.6 83.4#
52 0.0 25.9 38.9#



#42
1,2-Dichloroethane
Concen: 4.975 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW008004.D
Acq: 02 Jan 2019 12:53

Tgt Ion: 62 Resp: 4753
Ion Ratio Lower Upper
62 100
98 6.5 0.0 15.6





#43

Isopropyl Acetate

Concen: 4.607 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW008004.D

Acq: 02 Jan 2019 12:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

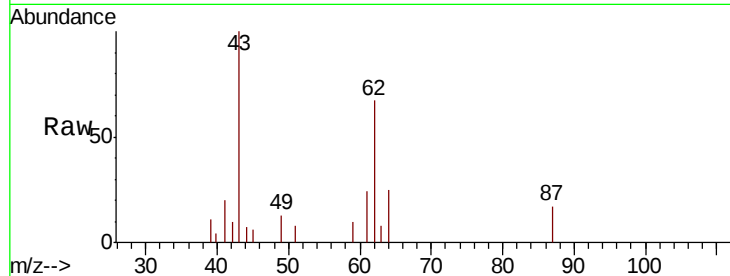
Tgt Ion: 43 Resp: 3005

Ion Ratio Lower Upper

43 100

61 34.1 26.4 39.6

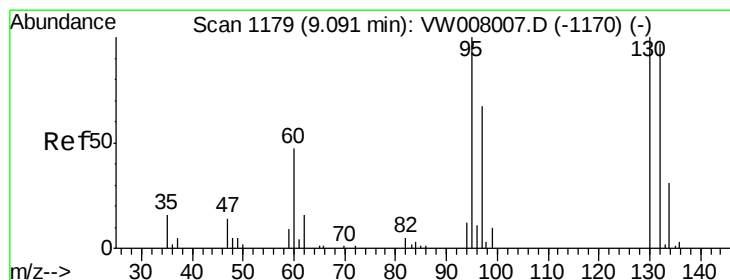
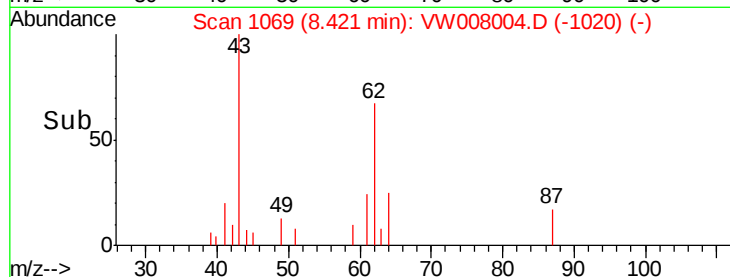
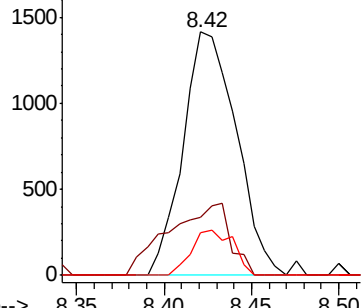
87 14.4 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 4.745 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008004.D

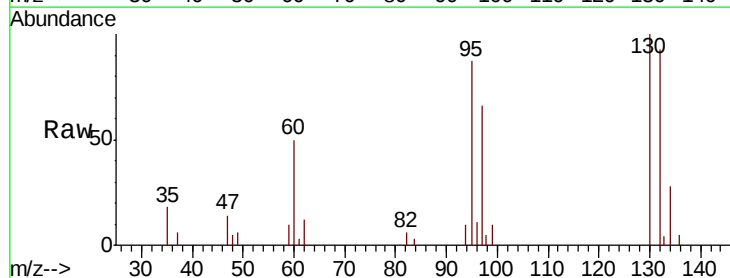
Acq: 02 Jan 2019 12:53

Tgt Ion: 130 Resp: 4015

Ion Ratio Lower Upper

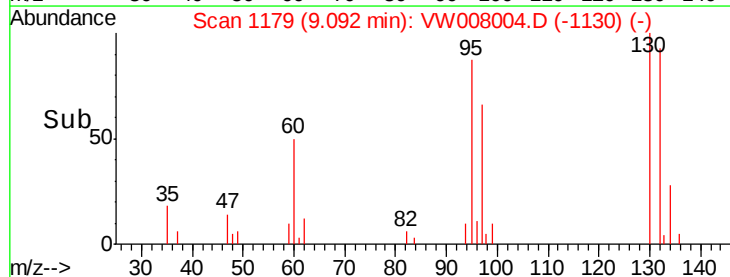
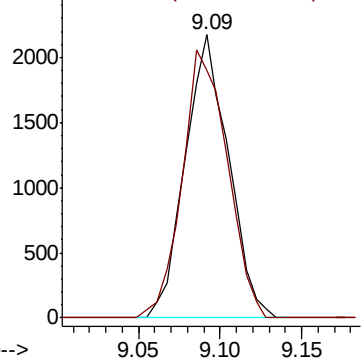
130 100

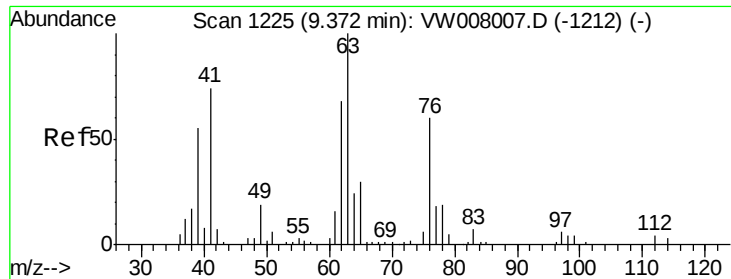
95 87.4 0.0 200.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

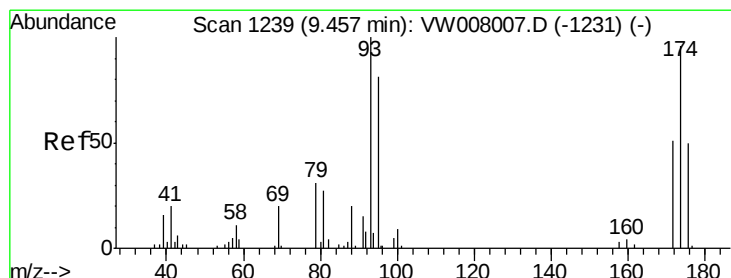
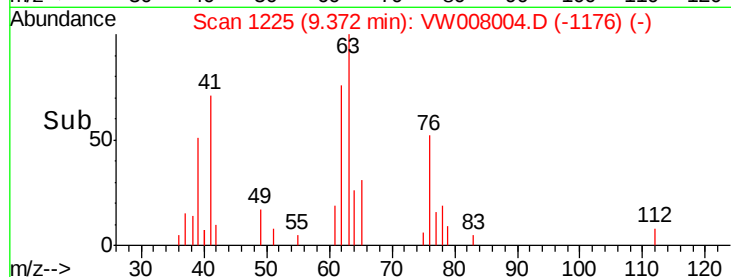
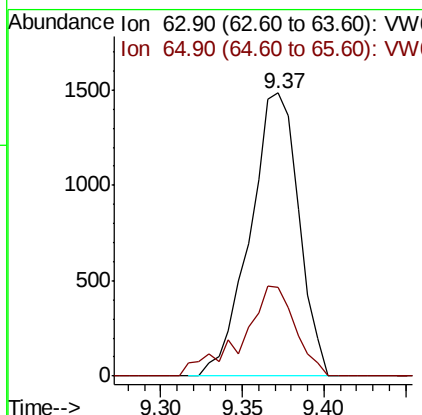
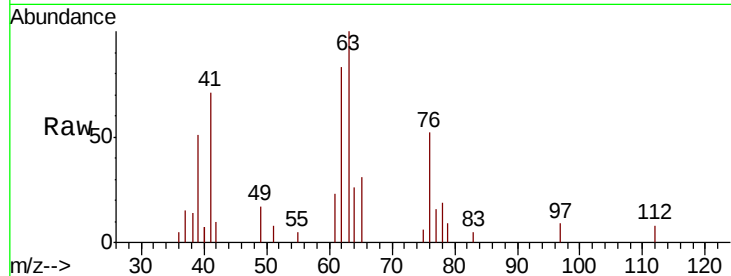




#45
 1,2-Dichloropropane
 Concen: 4.972 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW008004.D
 Acq: 02 Jan 2019 12:53

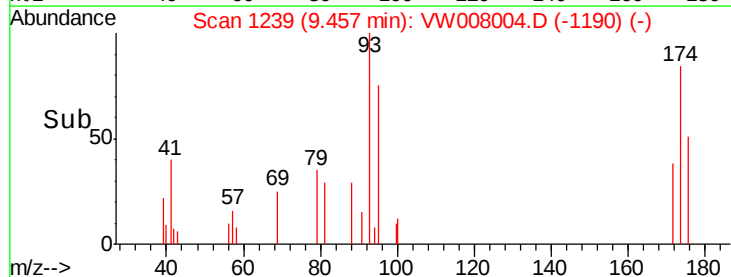
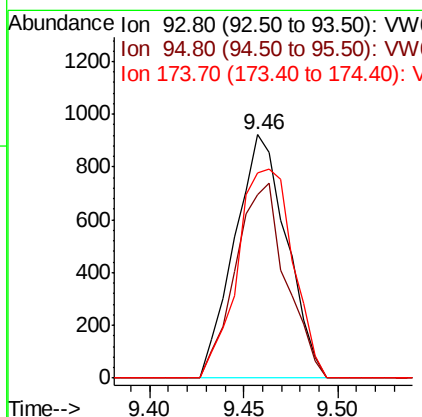
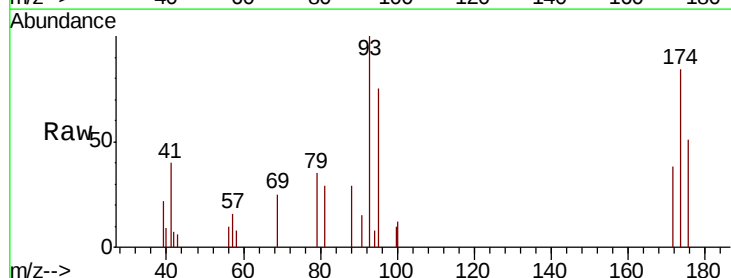
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

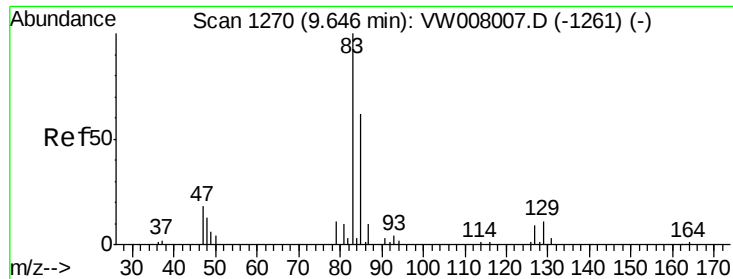
Tgt Ion: 63 Resp: 3086
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.2 36.4



#46
 Dibromomethane
 Concen: 4.867 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW008004.D
 Acq: 02 Jan 2019 12:53

Tgt Ion: 93 Resp: 1766
 Ion Ratio Lower Upper
 93 100
 95 77.7 63.9 95.9
 174 91.8 79.0 118.6





#47

Bromodichloromethane

Concen: 4.759 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW008004.D

Acq: 02 Jan 2019 12:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

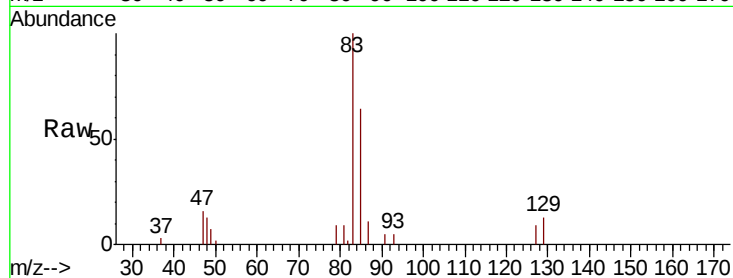
Tgt Ion: 83 Resp: 4837

Ion Ratio Lower Upper

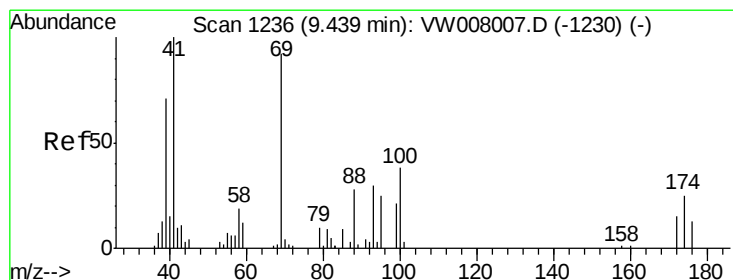
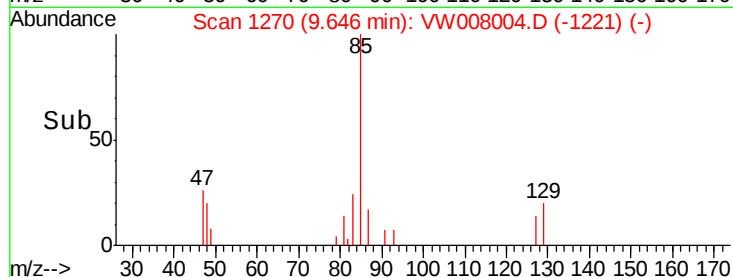
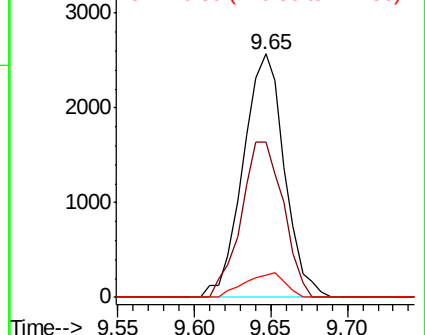
83 100

85 64.0 49.5 74.3

127 9.2 7.5 11.3



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: 5.050 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW008004.D

Acq: 02 Jan 2019 12:53

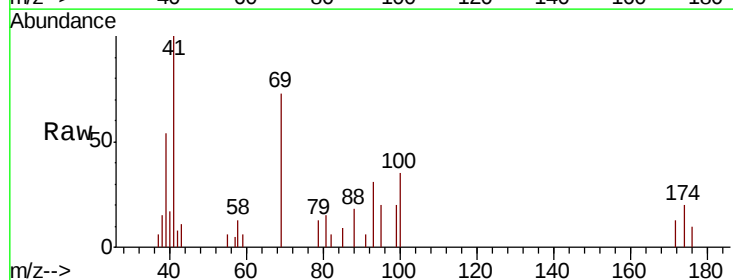
Tgt Ion: 41 Resp: 1661

Ion Ratio Lower Upper

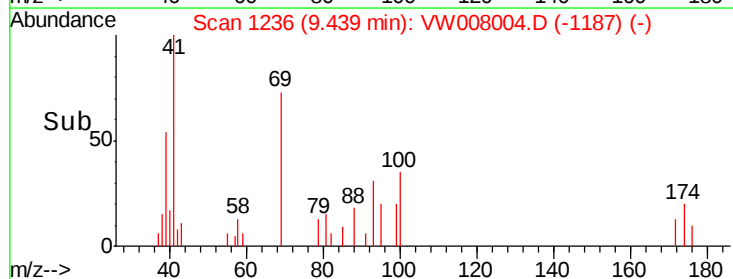
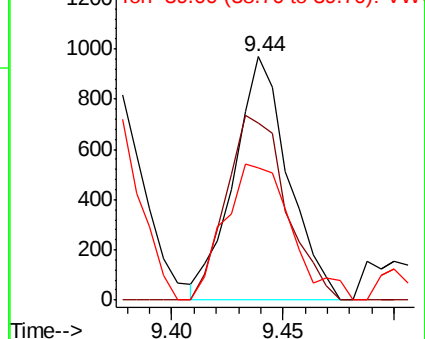
41 100

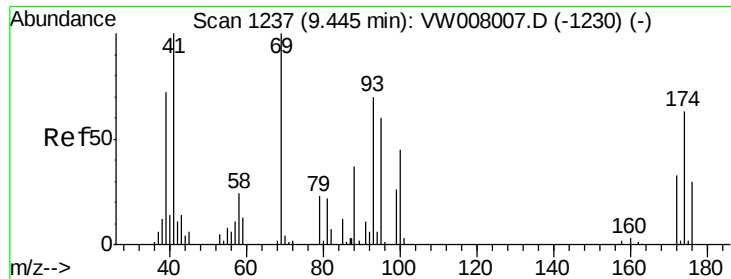
69 83.2 72.3 108.5

39 68.3 58.7 88.1



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: 101.491 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VW008004.D

Acq: 02 Jan 2019 12:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

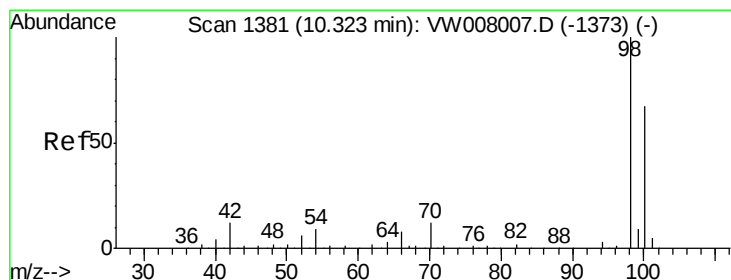
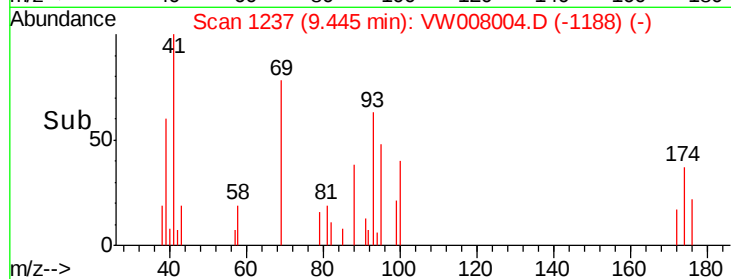
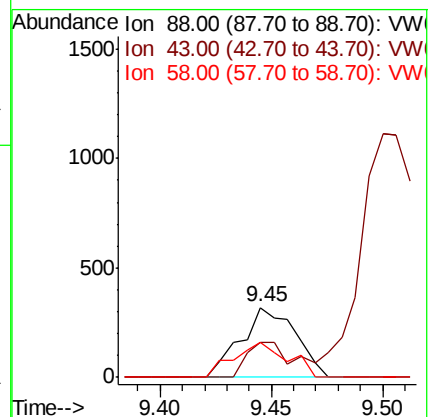
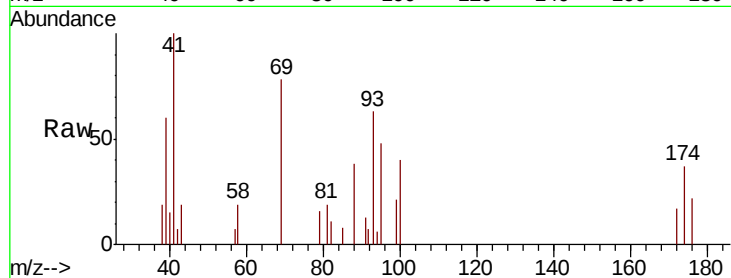
Tgt Ion: 88 Resp: 545

Ion Ratio Lower Upper

88 100

43 43.5 26.8 40.2#

58 49.5 55.8 83.6#



#50

Toluene-d8

Concen: 5.302 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008004.D

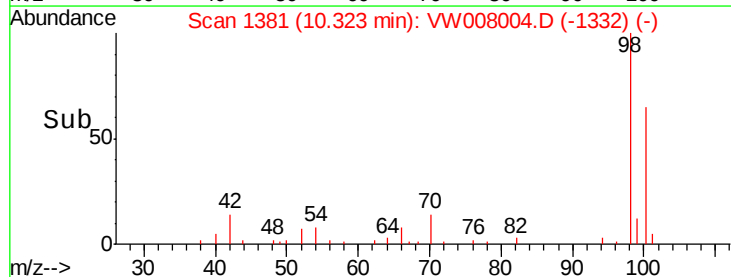
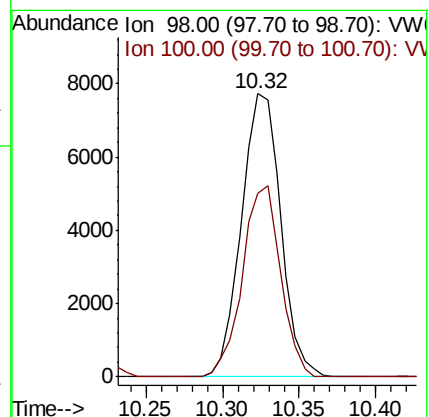
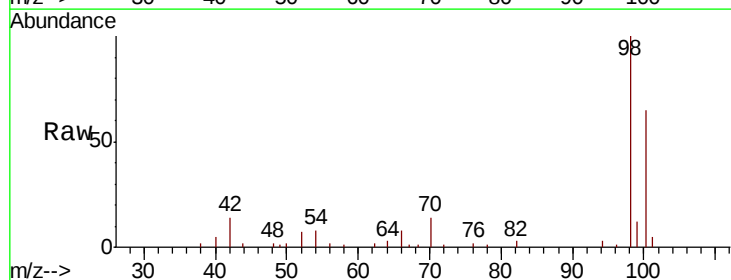
Acq: 02 Jan 2019 12:53

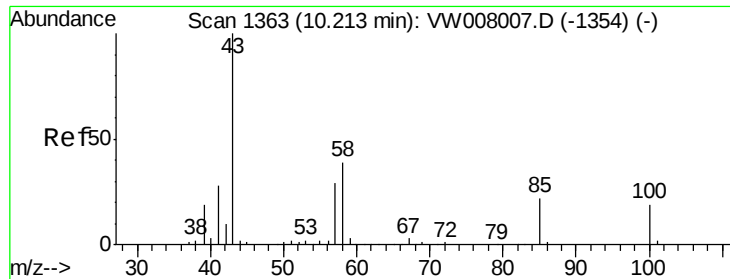
Tgt Ion: 98 Resp: 13815

Ion Ratio Lower Upper

98 100

100 65.5 52.9 79.3

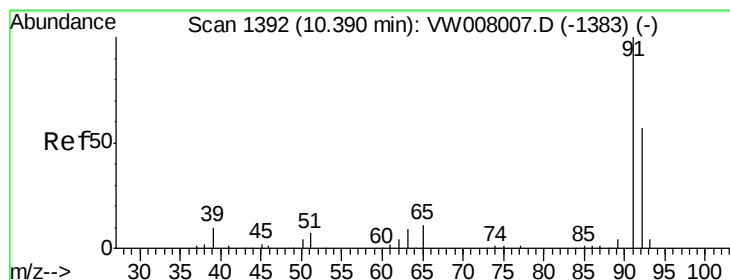
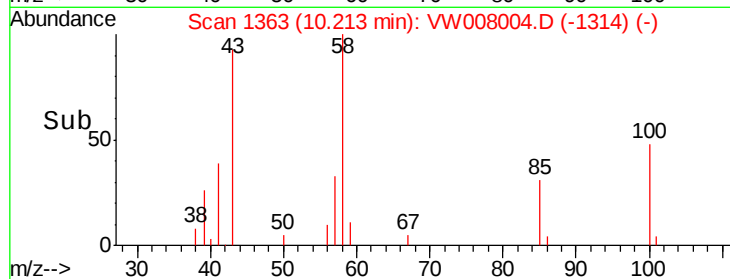
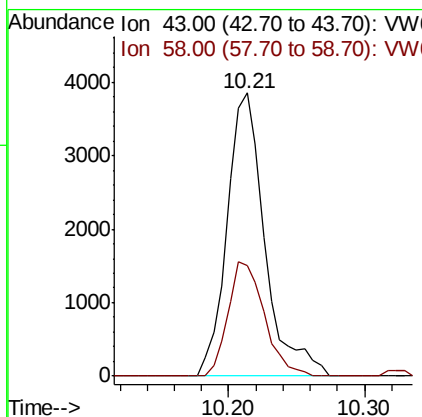
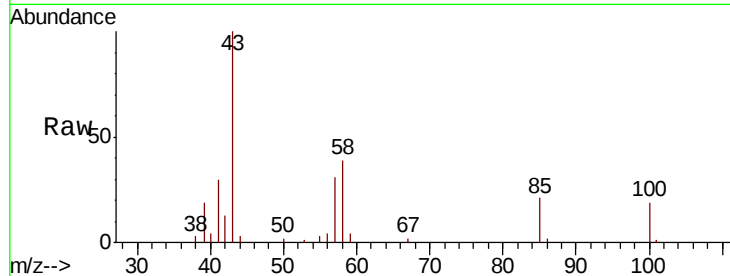




#51
4-Methyl-2-Pentanone
Concen: 24.566 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW008004.D
Acq: 02 Jan 2019 12:53

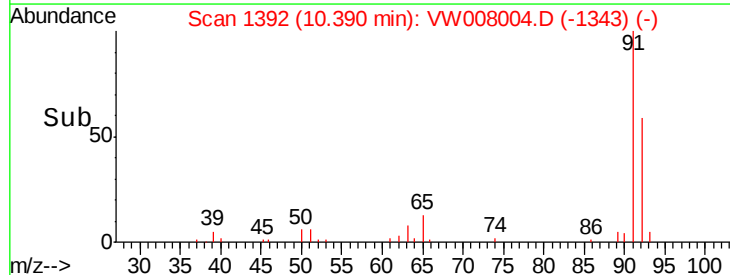
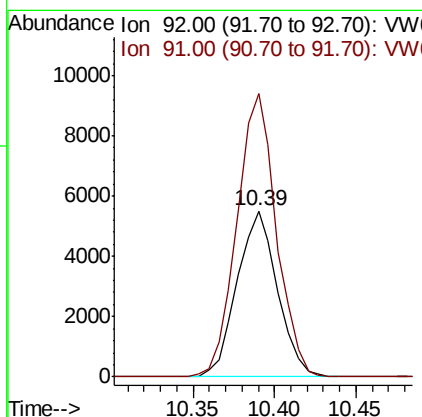
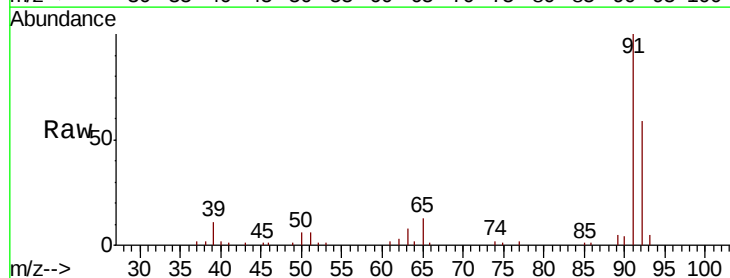
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

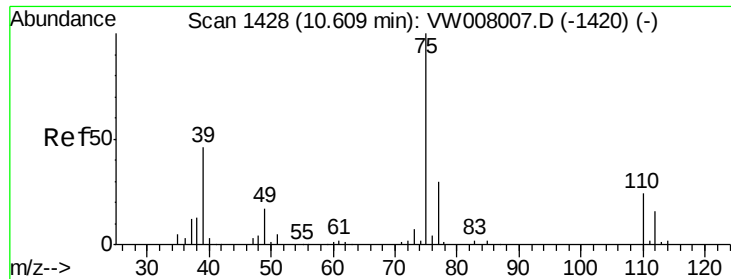
Tgt Ion: 43 Resp: 7418
Ion Ratio Lower Upper
43 100
58 38.8 32.0 48.0



#52
Toluene
Concen: 4.988 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW008004.D
Acq: 02 Jan 2019 12:53

Tgt Ion: 92 Resp: 9442
Ion Ratio Lower Upper
92 100
91 167.5 136.9 205.3

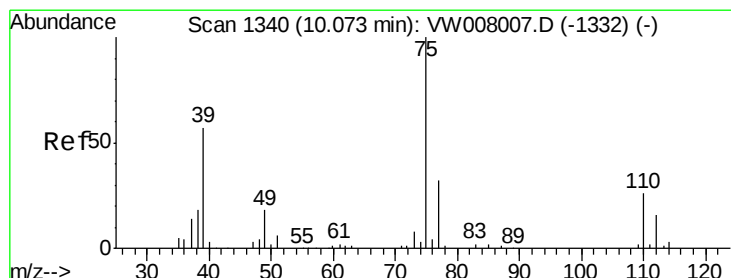
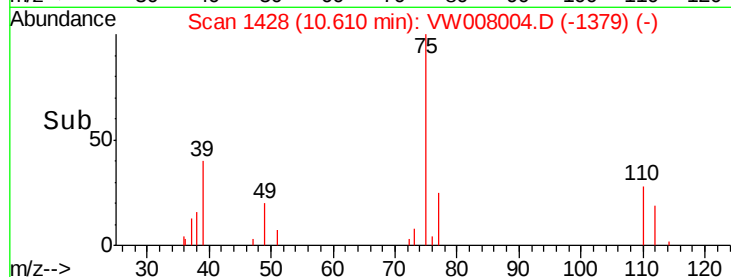
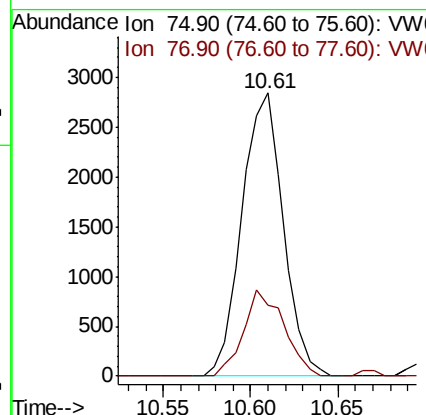
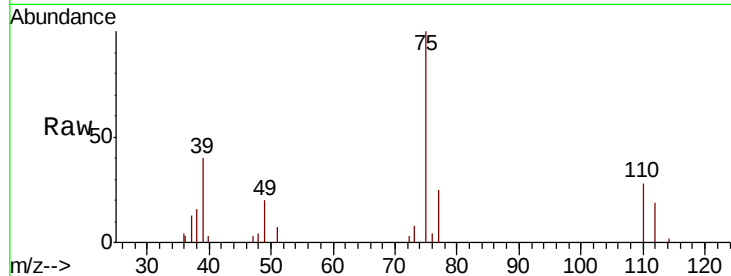




#53
 t-1,3-Dichloropropene
 Concen: 4.798 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW008004.D
 Acq: 02 Jan 2019 12:53

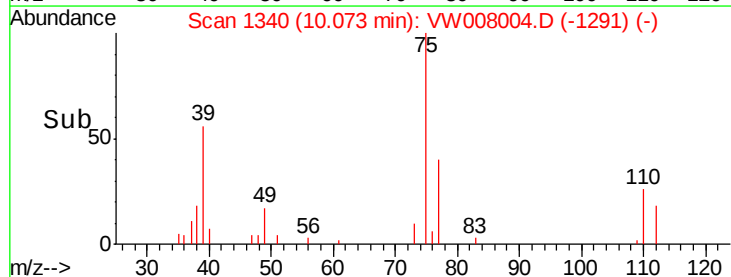
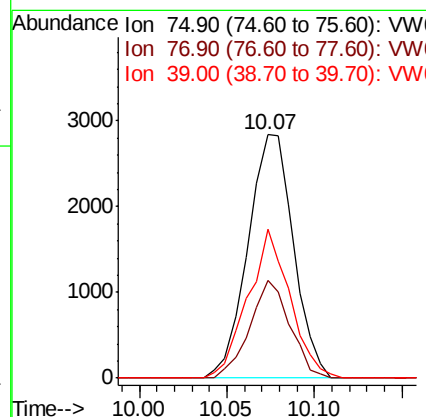
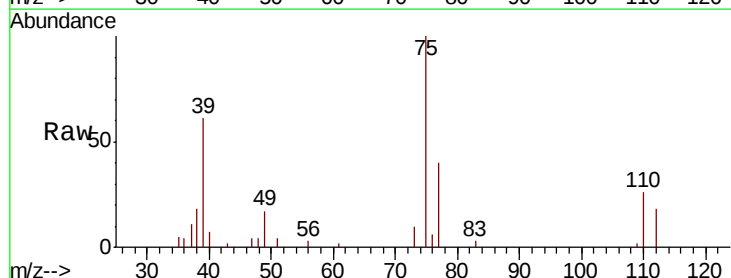
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

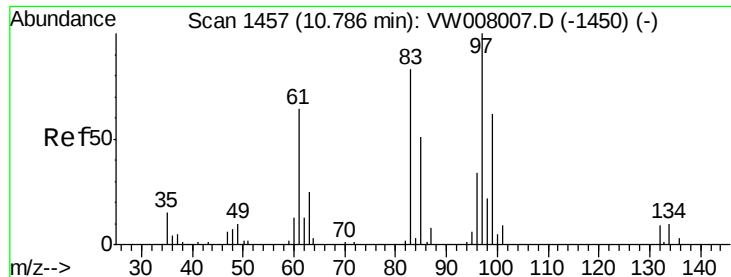
Tgt Ion: 75 Resp: 4689
 Ion Ratio Lower Upper
 75 100
 77 25.0 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 4.716 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW008004.D
 Acq: 02 Jan 2019 12:53

Tgt Ion: 75 Resp: 5143
 Ion Ratio Lower Upper
 75 100
 77 39.9 25.9 38.9#
 39 60.9 45.4 68.0





#55

1,1,2-Trichloroethane

Concen: 4.773 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW008004.D

Acq: 02 Jan 2019 12:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 2345

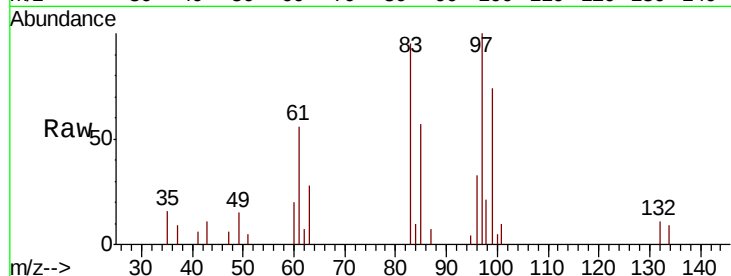
Ion Ratio Lower Upper

97 100

83 94.7 66.2 99.2

85 56.9 41.0 61.4

99 73.9 49.3 73.9



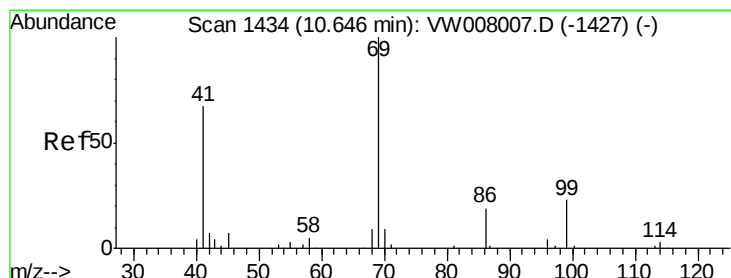
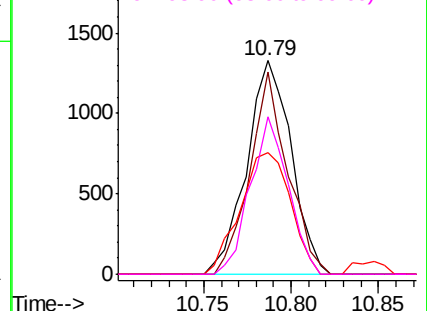
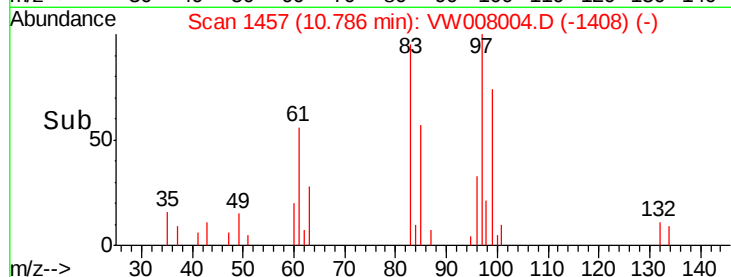
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 4.600 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW008004.D

Acq: 02 Jan 2019 12:53

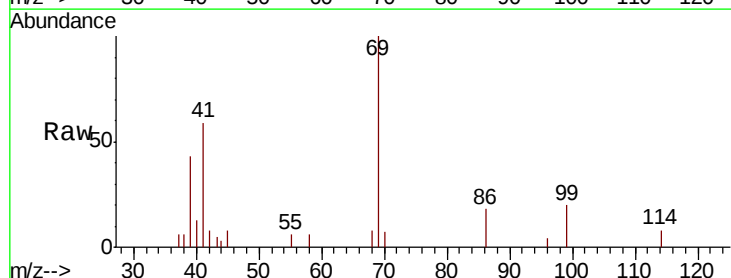
Tgt Ion: 69 Resp: 2555

Ion Ratio Lower Upper

69 100

41 64.9 52.6 79.0

39 36.3 35.8 53.6

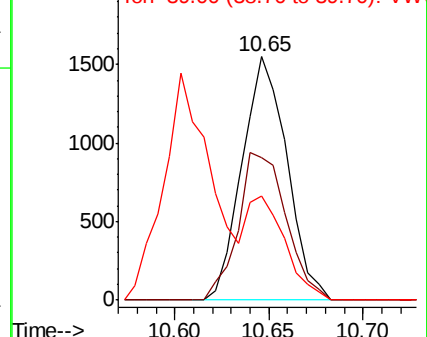
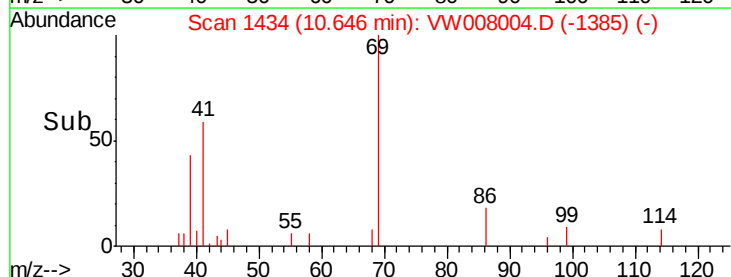


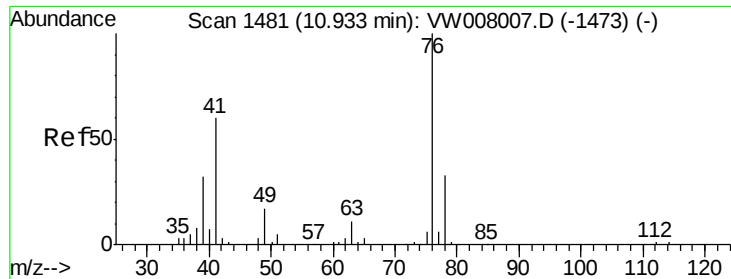
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

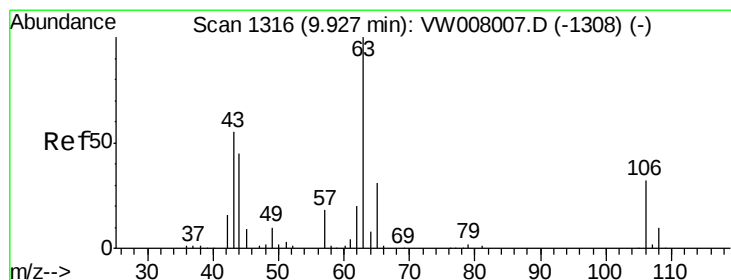
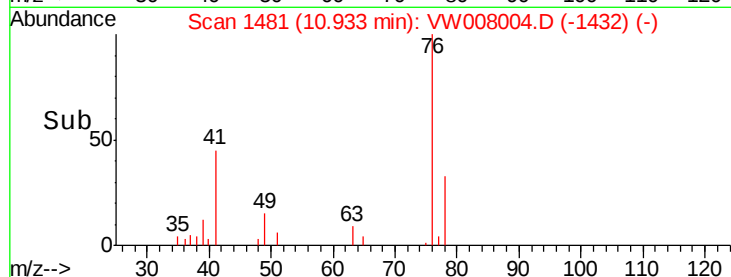
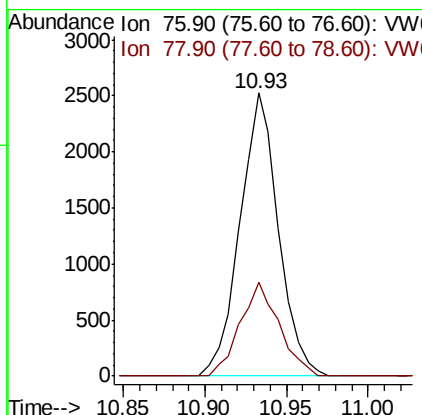
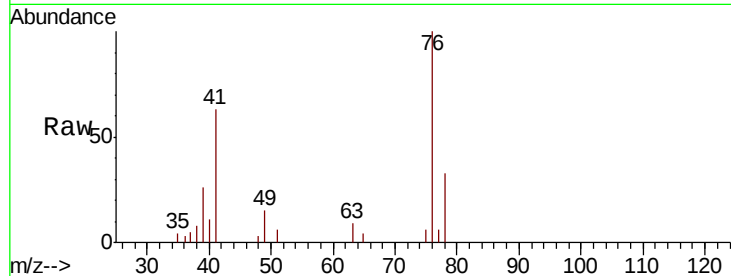




#57
 1,3-Dichloropropane
 Concen: 4.946 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008004.D
 Acq: 02 Jan 2019 12:53

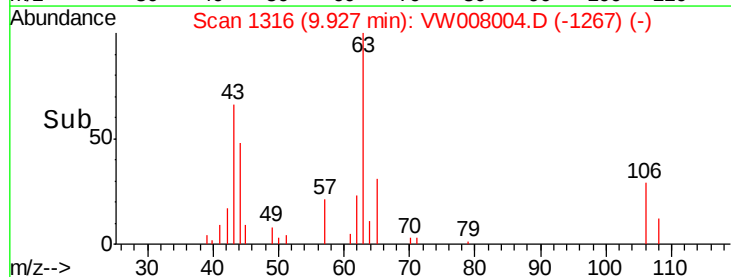
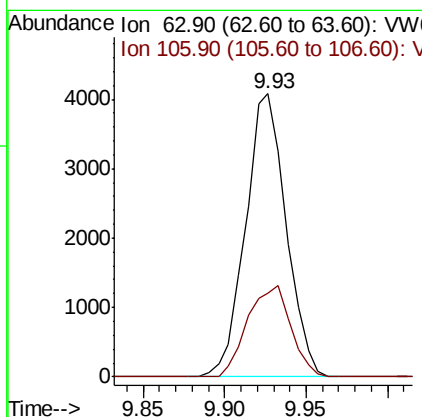
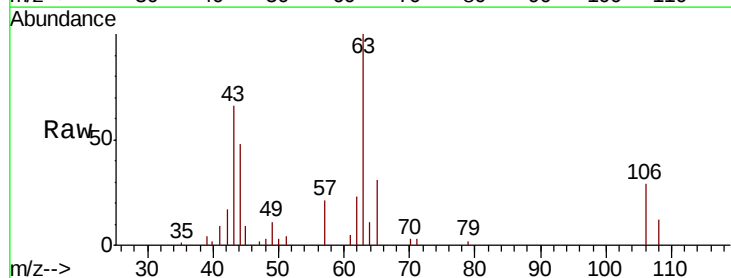
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

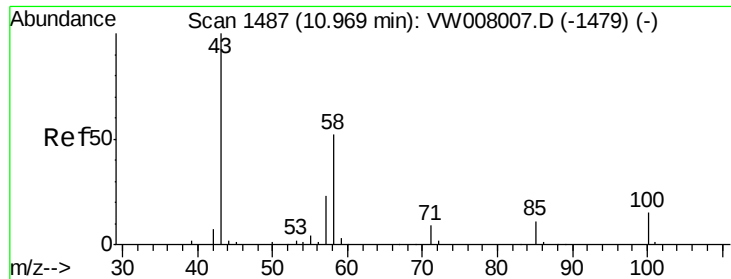
Tgt Ion: 76 Resp: 4129
 Ion Ratio Lower Upper
 76 100
 78 33.8 26.7 40.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 26.756 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW008004.D
 Acq: 02 Jan 2019 12:53

Tgt Ion: 63 Resp: 7048
 Ion Ratio Lower Upper
 63 100
 106 34.2 26.9 40.3

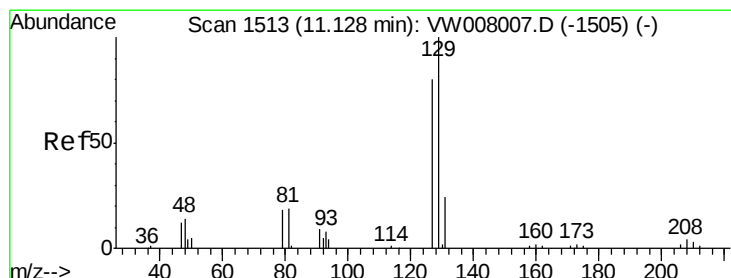
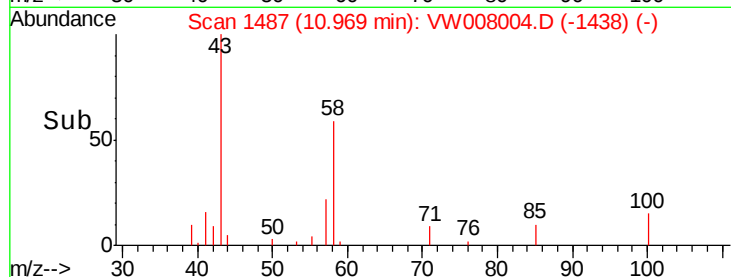
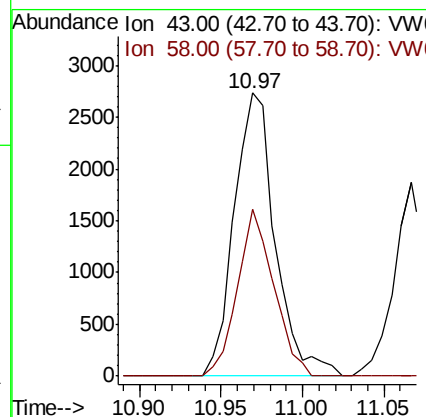
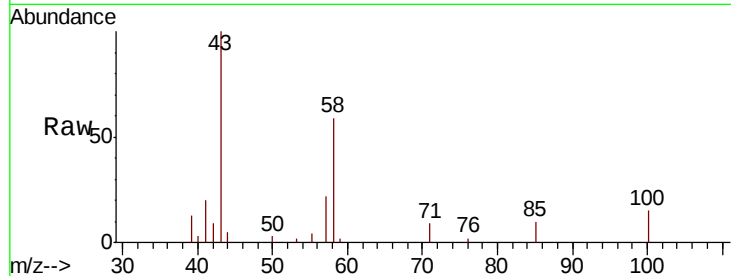




#59
2-Hexanone
Concen: 22.940 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008004.D
Acq: 02 Jan 2019 12:53

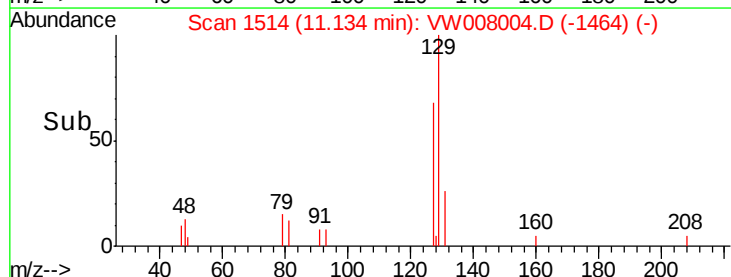
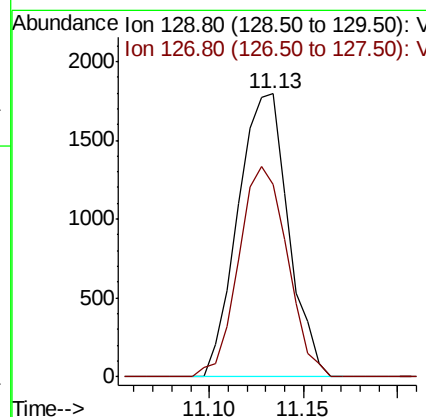
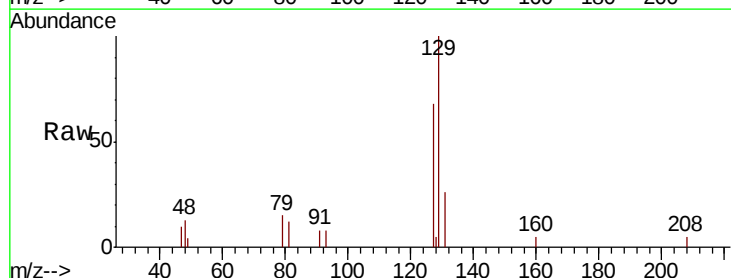
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

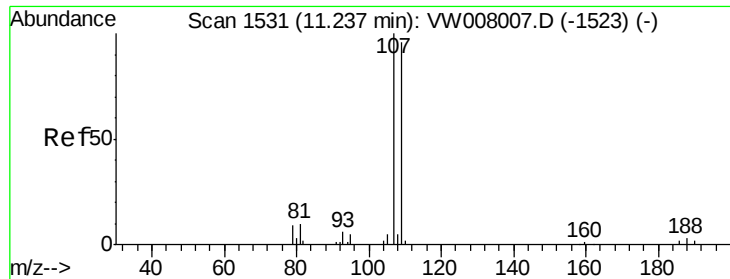
Tgt Ion: 43 Resp: 4782
Ion Ratio Lower Upper
43 100
58 52.1 27.1 81.2



#60
Dibromochloromethane
Concen: 4.965 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VW008004.D
Acq: 02 Jan 2019 12:53

Tgt Ion: 129 Resp: 3339
Ion Ratio Lower Upper
129 100
127 71.6 38.6 116.0





#61

1,2-Dibromoethane

Concen: 4.609 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW008004.D

Acq: 02 Jan 2019 12:53

Instrument :

MSVOA_W

ClientSampleId :

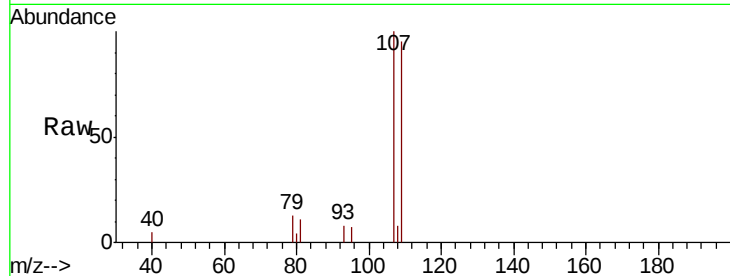
VSTDIC005

Tgt Ion: 107 Resp: 2266

Ion Ratio Lower Upper

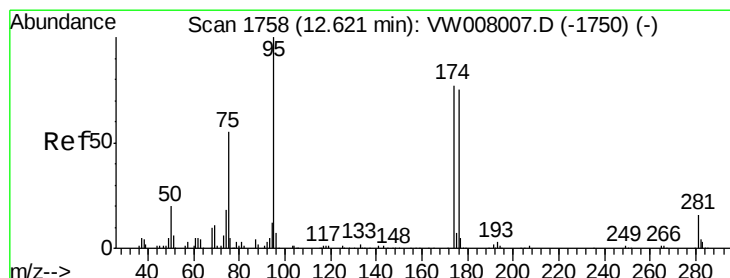
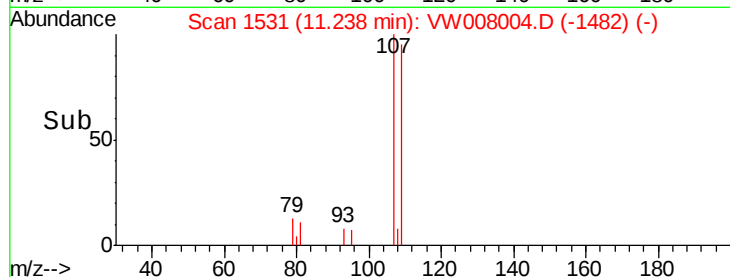
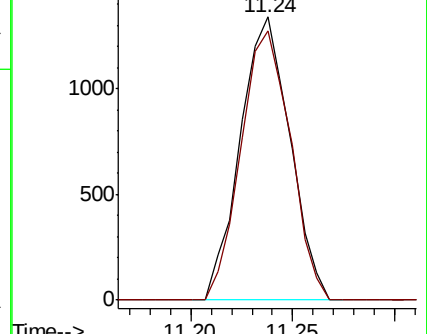
107 100

109 94.7 77.2 115.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 5.466 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008004.D

Acq: 02 Jan 2019 12:53

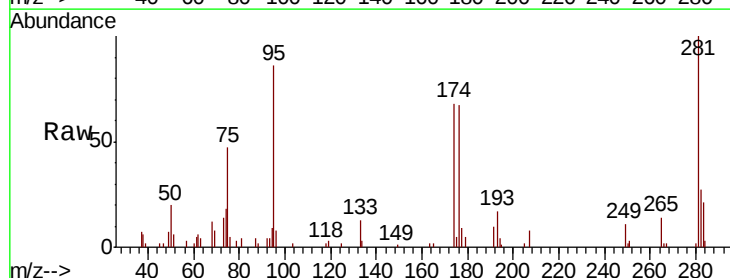
Tgt Ion: 95 Resp: 5462

Ion Ratio Lower Upper

95 100

174 73.3 0.0 149.6

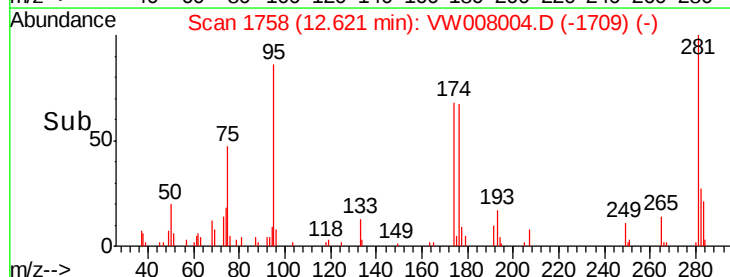
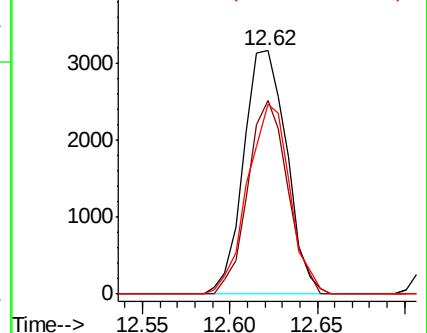
176 76.6 0.0 145.4

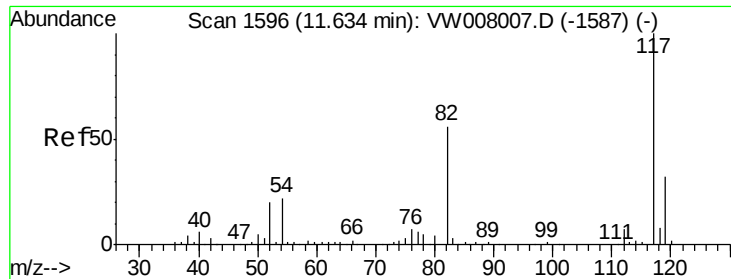


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

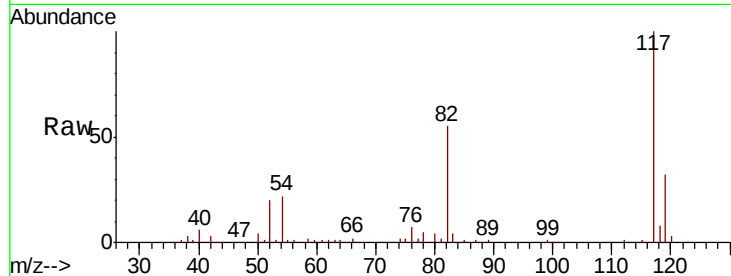




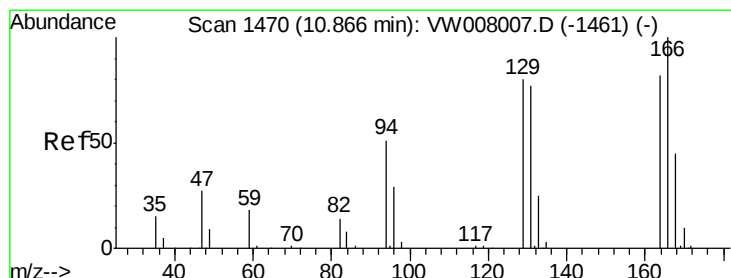
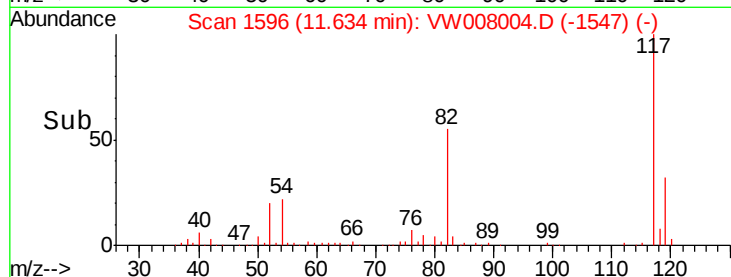
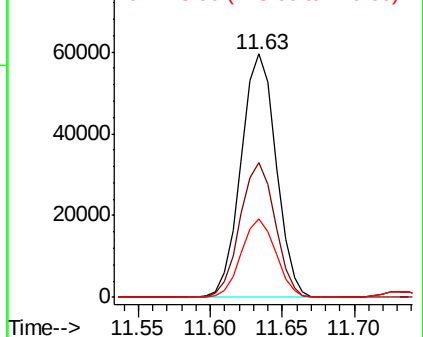
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008004.D
Acq: 02 Jan 2019 12:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 100531
Ion Ratio Lower Upper
117 100
82 55.4 44.8 67.2
119 32.0 25.6 38.4

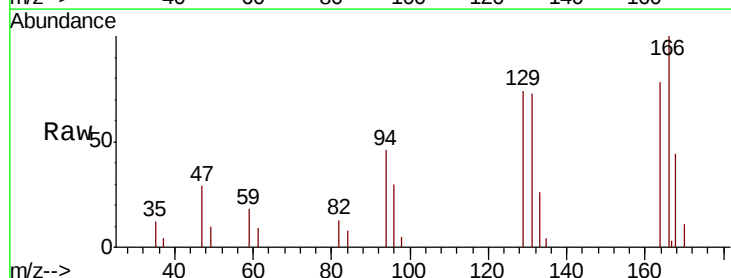


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

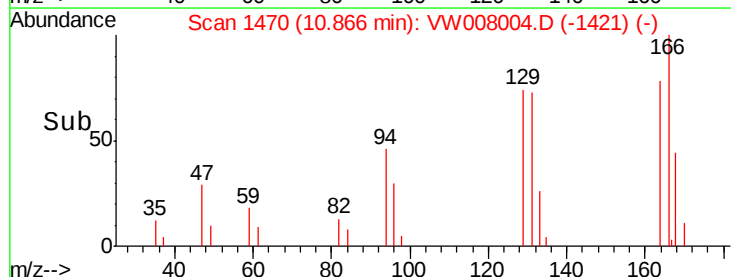
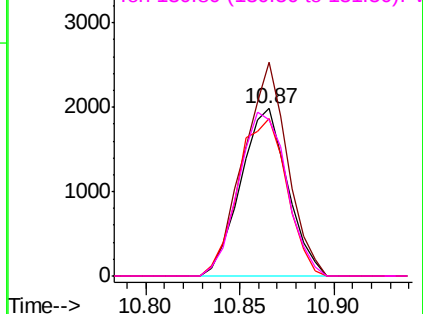


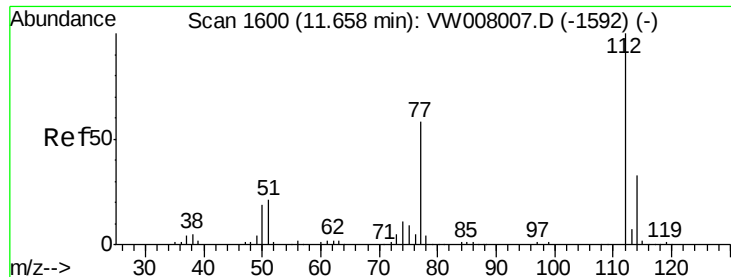
#64
Tetrachloroethene
Concen: 4.936 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW008004.D
Acq: 02 Jan 2019 12:53

Tgt Ion:164 Resp: 3428
Ion Ratio Lower Upper
164 100
166 127.8 98.1 147.1
129 94.4 78.0 117.0
131 93.7 75.8 113.8



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

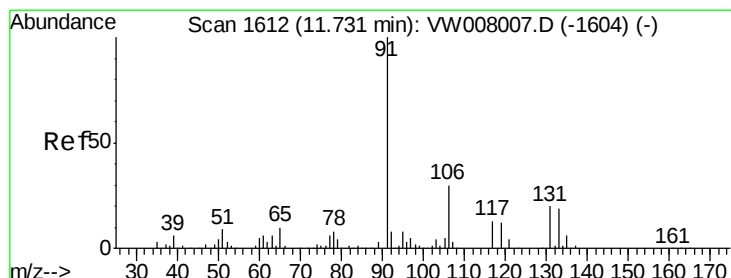
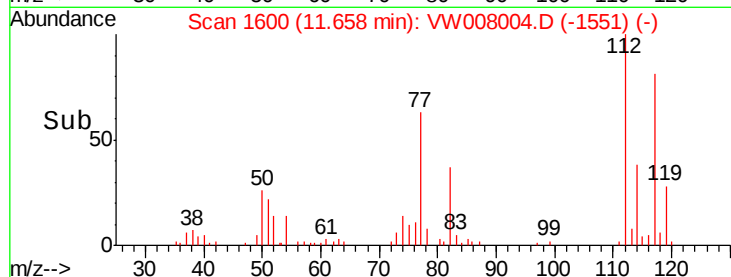
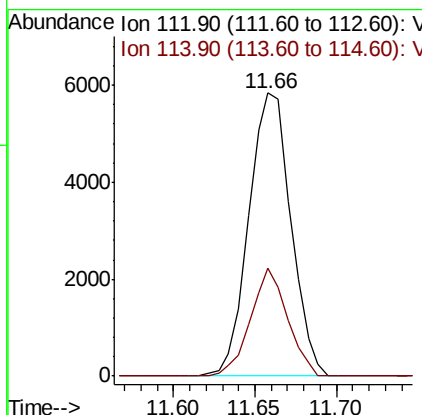
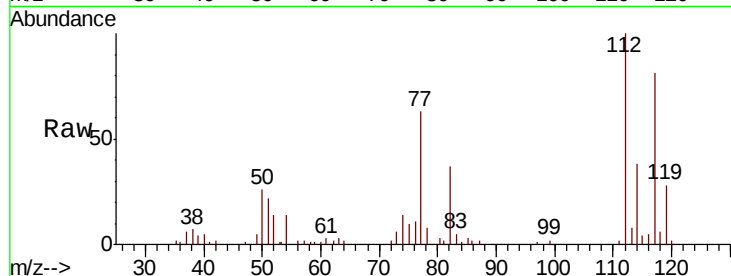




#65
Chlorobenzene
Concen: 4.867 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008004.D
Acq: 02 Jan 2019 12:53

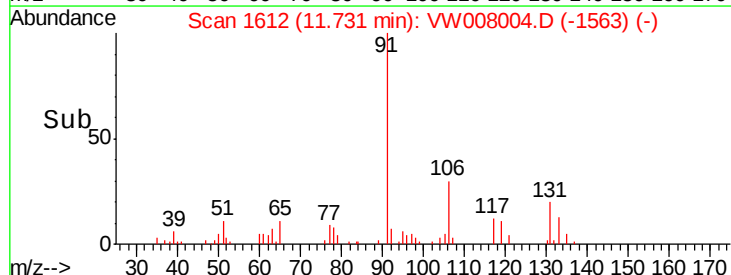
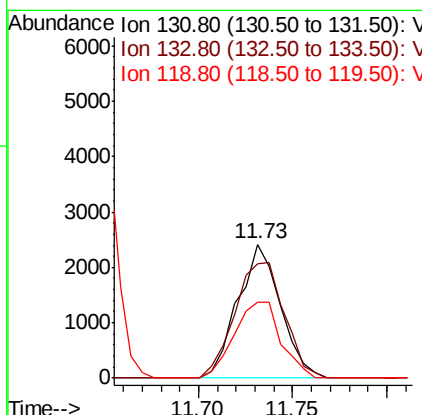
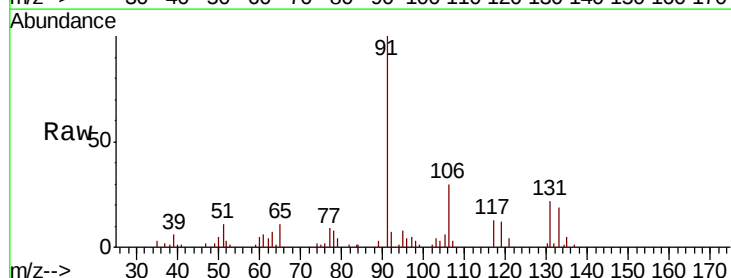
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

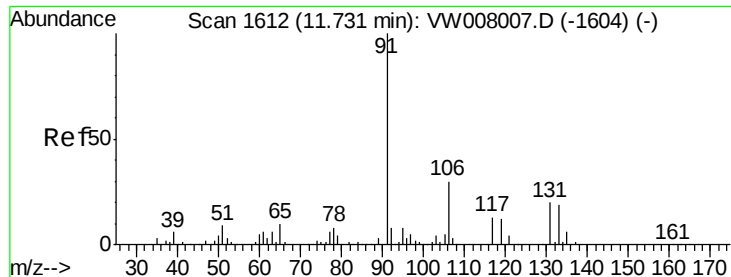
Tgt Ion:112 Resp: 10457
Ion Ratio Lower Upper
112 100
114 38.2 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 4.890 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008004.D
Acq: 02 Jan 2019 12:53

Tgt Ion:131 Resp: 3805
Ion Ratio Lower Upper
131 100
133 100.0 49.1 147.3
119 62.1 30.6 91.6

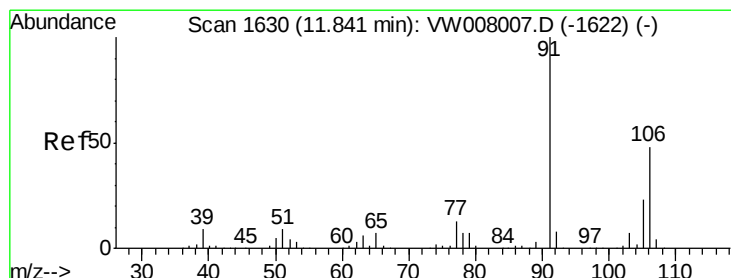
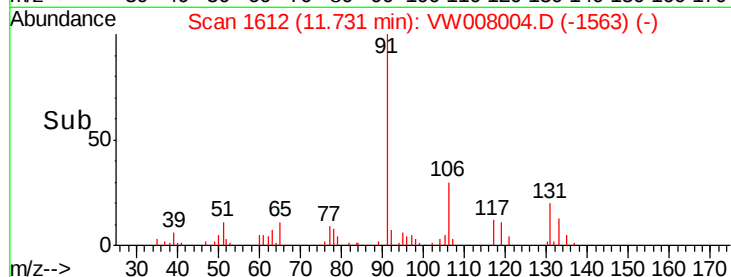
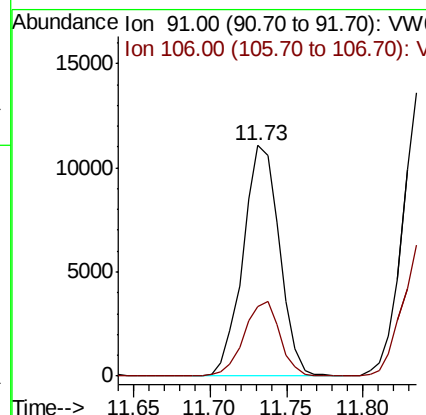
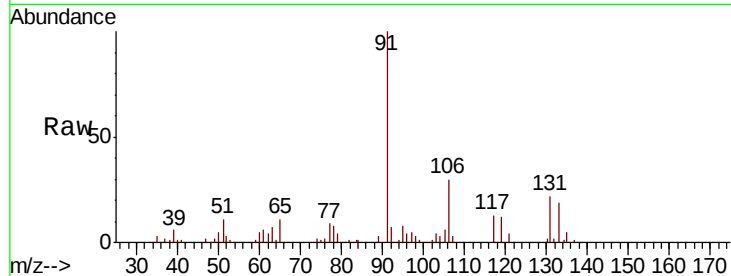




#67
Ethyl Benzene
Concen: 4.811 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008004.D
Acq: 02 Jan 2019 12:53

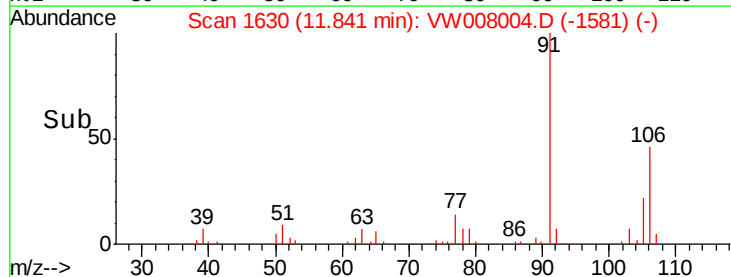
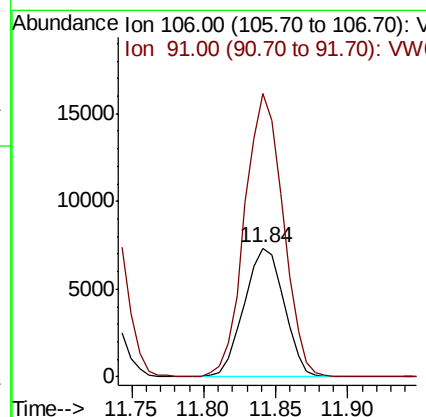
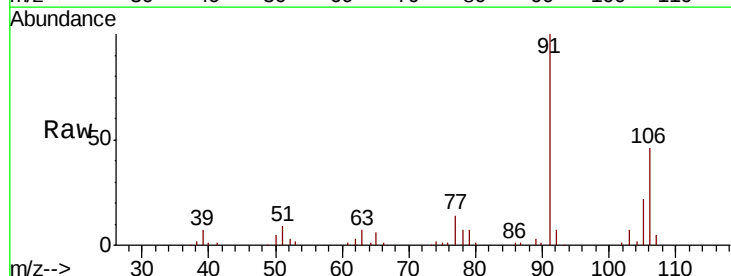
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

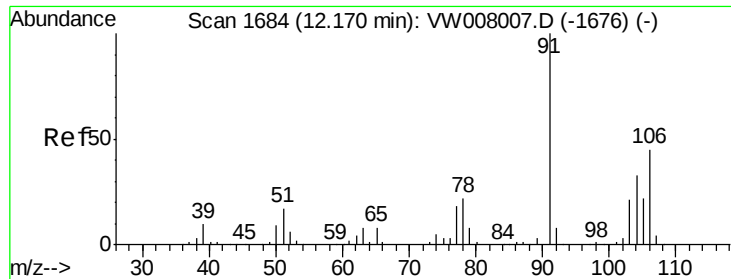
Tgt Ion: 91 Resp: 18349
Ion Ratio Lower Upper
91 100
106 30.1 24.3 36.5



#68
m/p-Xylenes
Concen: 9.546 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008004.D
Acq: 02 Jan 2019 12:53

Tgt Ion: 106 Resp: 14075
Ion Ratio Lower Upper
106 100
91 212.2 165.8 248.8

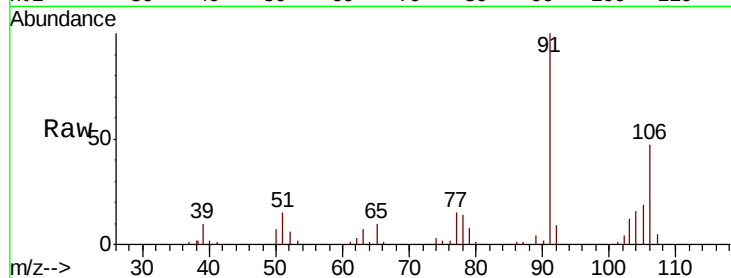




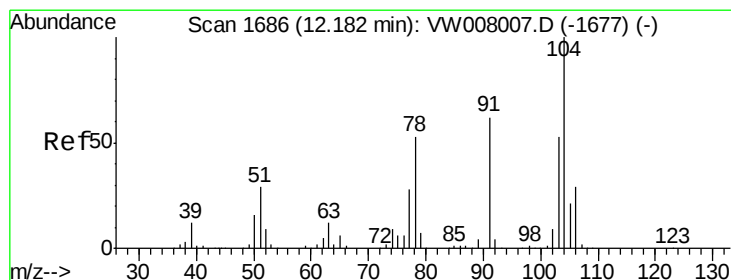
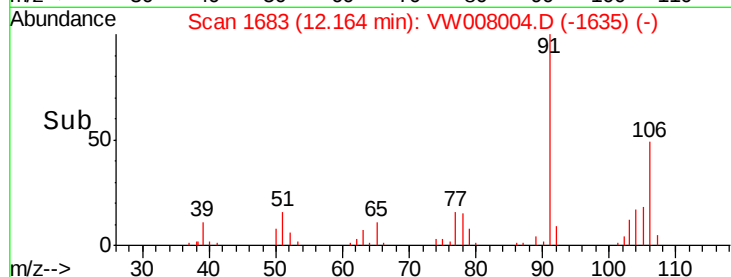
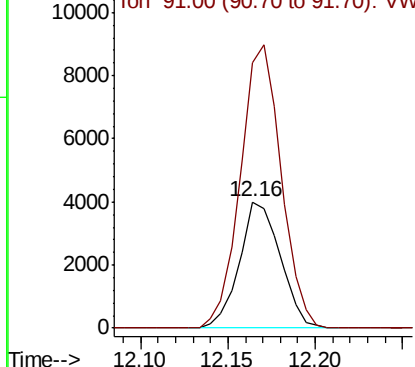
#69
o-Xylene
Concen: 4.754 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008004.D
Acq: 02 Jan 2019 12:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 6522
Ion Ratio Lower Upper
106 100
91 222.7 110.6 331.6

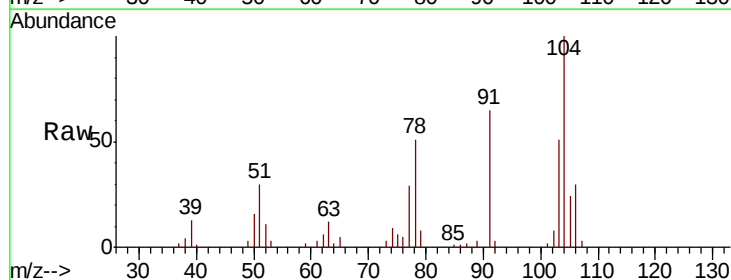


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

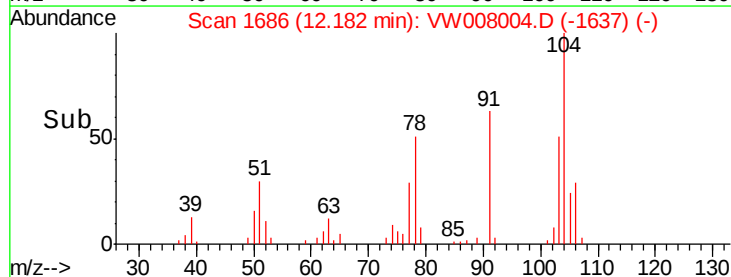
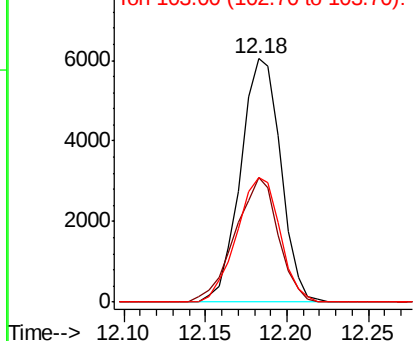


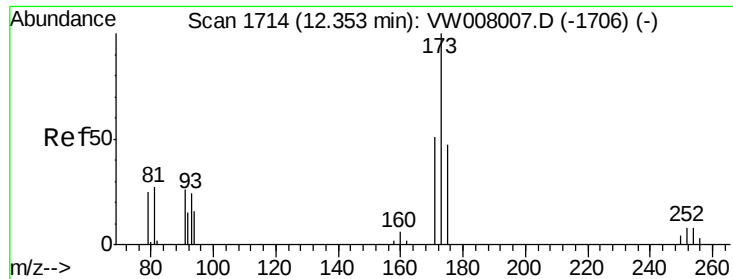
#70
Styrene
Concen: 4.638 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008004.D
Acq: 02 Jan 2019 12:53

Tgt Ion:104 Resp: 10372
Ion Ratio Lower Upper
104 100
78 54.5 44.0 66.0
103 55.1 44.6 66.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 4.733 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW008004.D

Acq: 02 Jan 2019 12:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

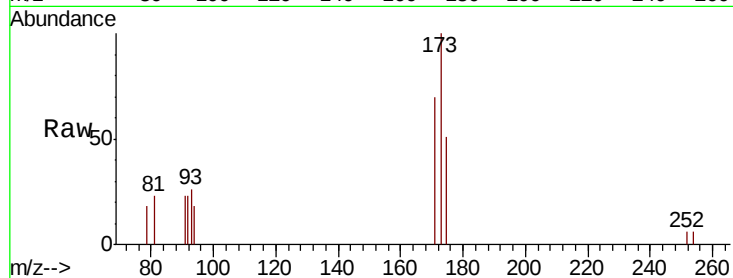
Tgt Ion:173 Resp: 1706

Ion Ratio Lower Upper

173 100

175 46.7 23.6 71.0

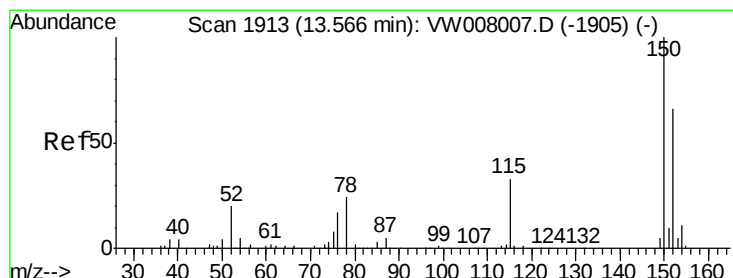
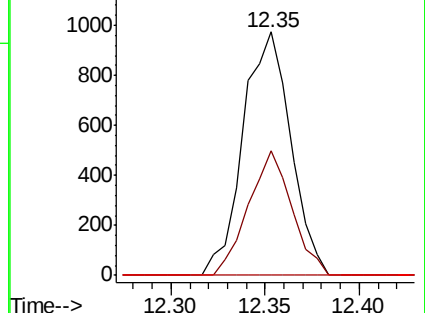
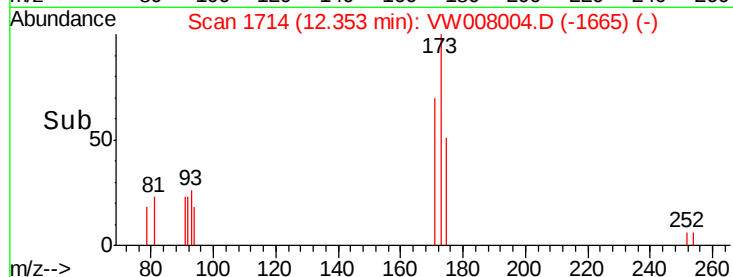
254 0.0 0.0 0.0



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. -0.01 min

Lab File: VW008004.D

Acq: 02 Jan 2019 12:53

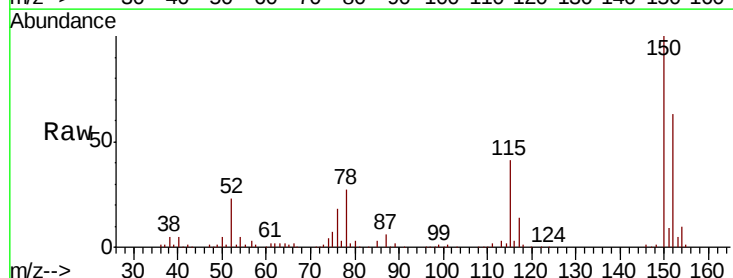
Tgt Ion:152 Resp: 50267

Ion Ratio Lower Upper

152 100

115 64.0 32.1 96.5

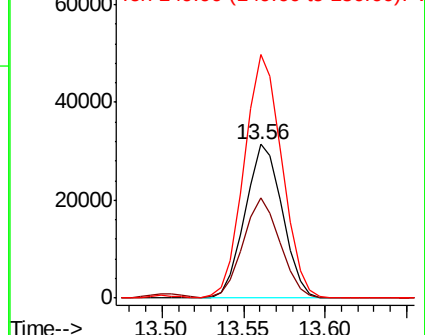
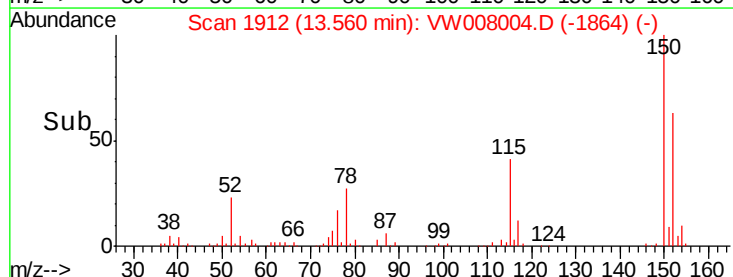
150 159.6 0.0 345.0

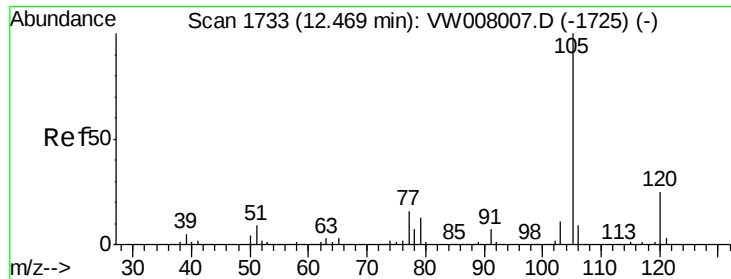


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.661 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008004.D

Acq: 02 Jan 2019 12:53

Instrument :

MSVOA_W

ClientSampleId :

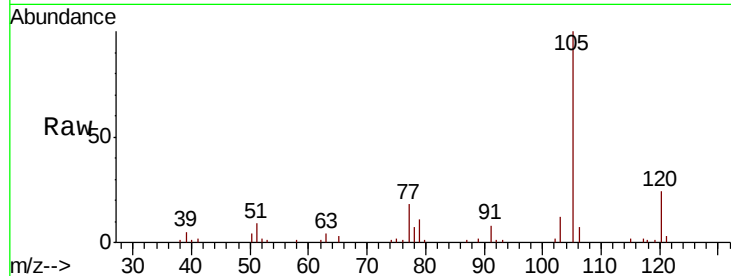
VSTDIC005

Tgt Ion: 105 Resp: 18631

Ion Ratio Lower Upper

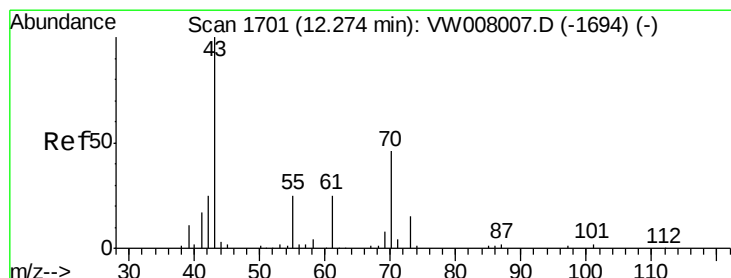
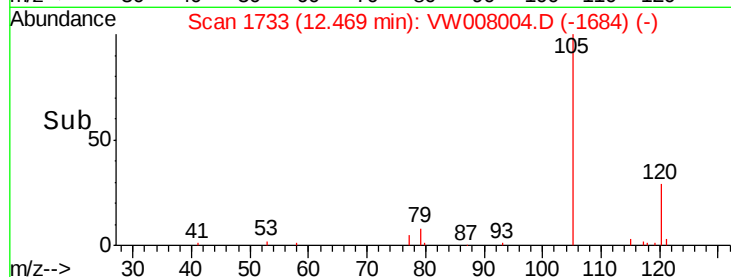
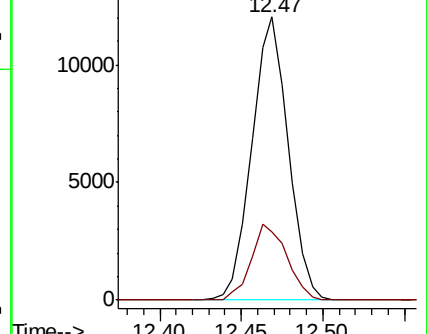
105 100

120 26.3 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.618 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008004.D

Acq: 02 Jan 2019 12:53

Tgt Ion: 43 Resp: 2873

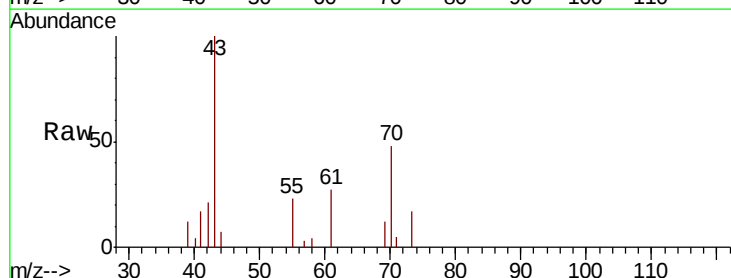
Ion Ratio Lower Upper

43 100

70 48.5 35.2 52.8

55 25.1 21.4 32.0

61 22.8 19.4 29.0

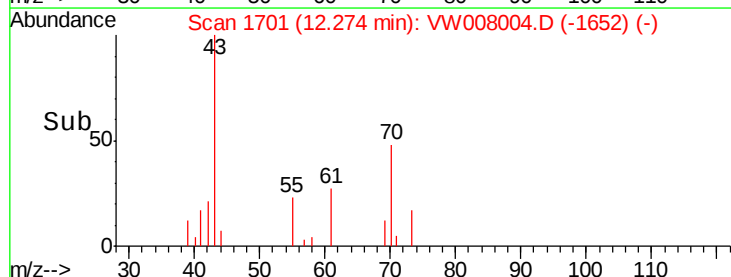
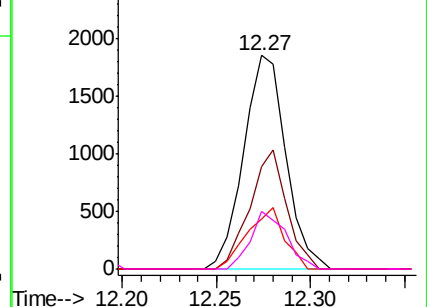


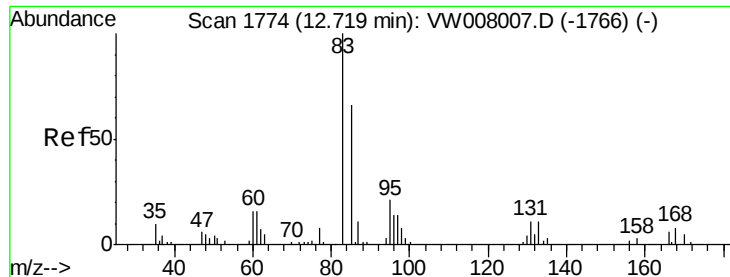
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 4.664 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW008004.D

Acq: 02 Jan 2019 12:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

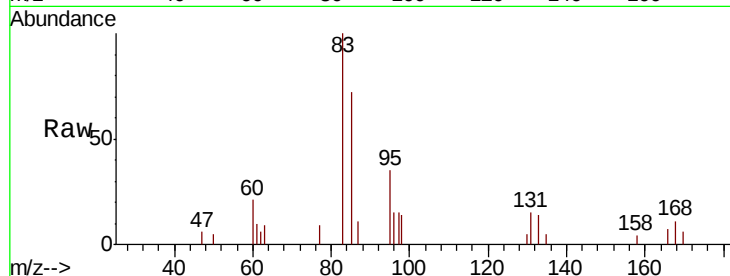
Tgt Ion: 83 Resp: 2372

Ion Ratio Lower Upper

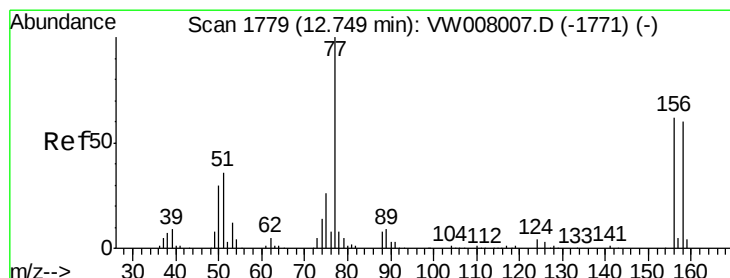
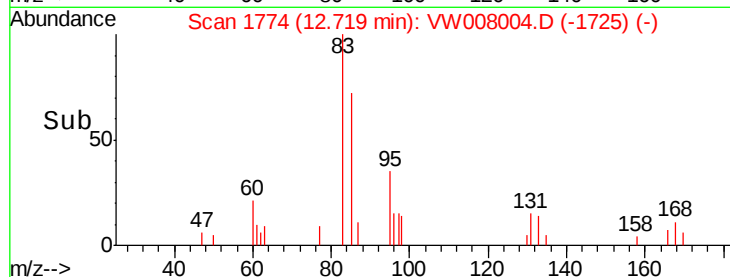
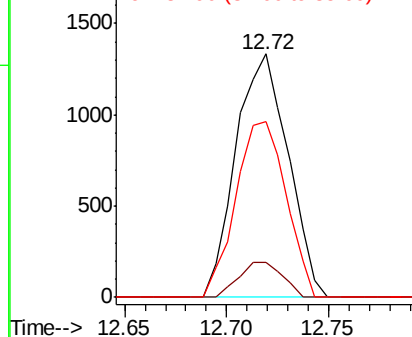
83 100

131 12.1 6.5 19.5

85 69.4 32.8 98.3



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): V



#77

Bromobenzene

Concen: 4.635 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008004.D

Acq: 02 Jan 2019 12:53

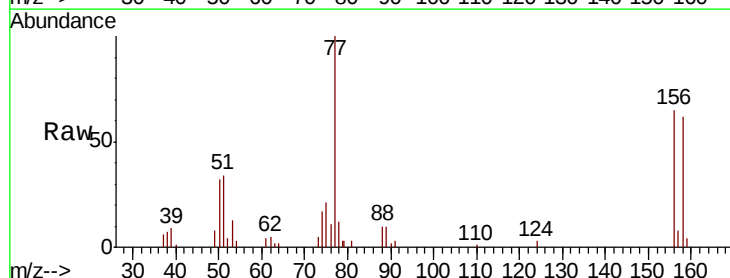
Tgt Ion: 156 Resp: 3982

Ion Ratio Lower Upper

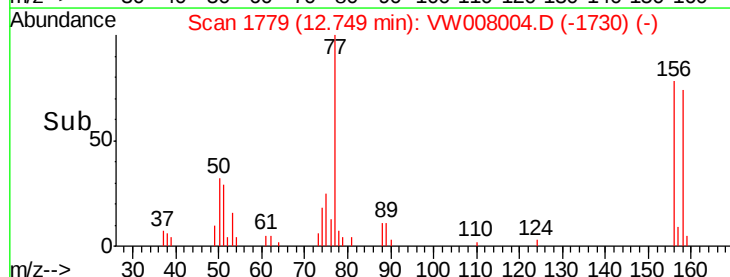
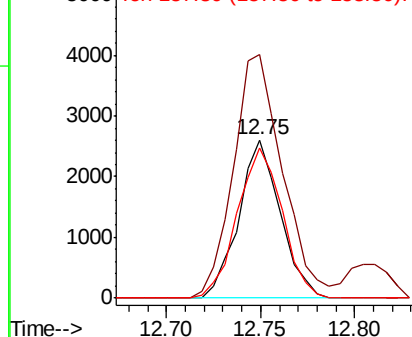
156 100

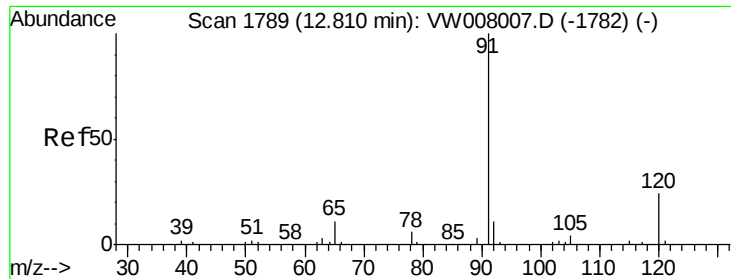
77 181.9 87.9 263.8

158 102.5 47.8 143.4



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

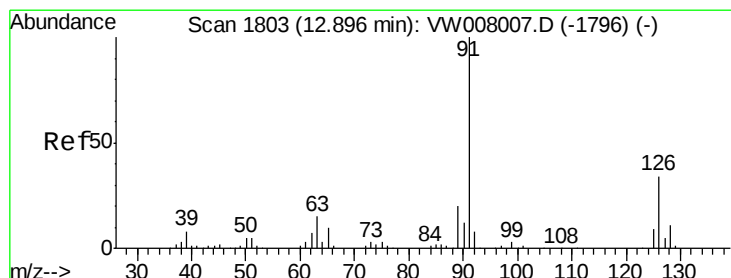
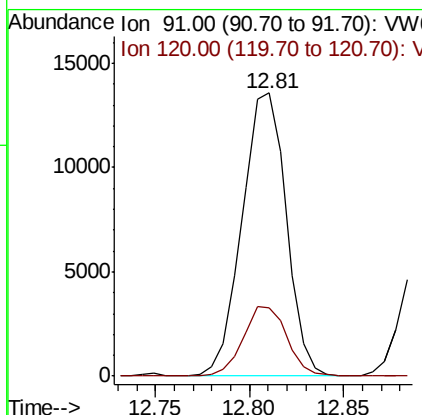
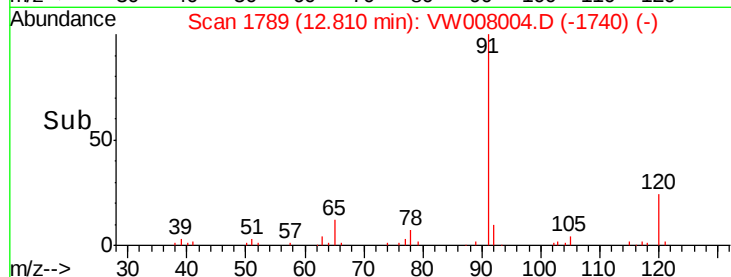
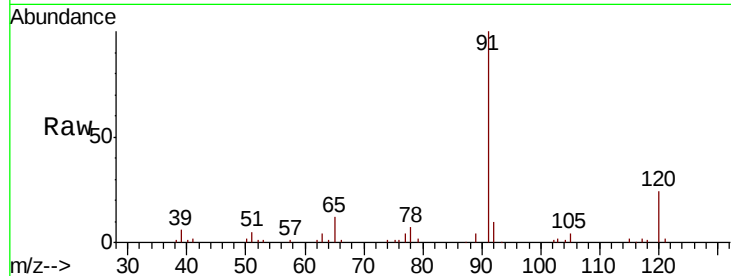




#78
n-propylbenzene
Concen: 4.764 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW008004.D
Acq: 02 Jan 2019 12:53

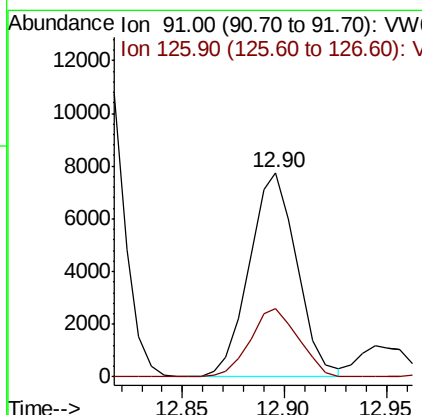
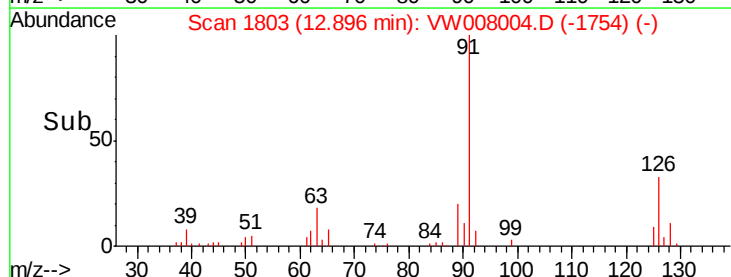
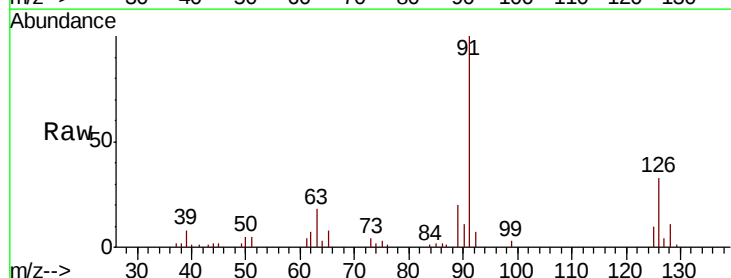
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

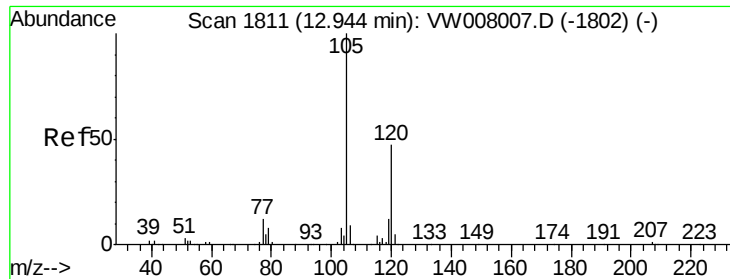
Tgt Ion: 91 Resp: 22077
Ion Ratio Lower Upper
91 100
120 24.4 11.5 34.5



#79
2-Chlorotoluene
Concen: 4.693 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW008004.D
Acq: 02 Jan 2019 12:53

Tgt Ion: 91 Resp: 12570
Ion Ratio Lower Upper
91 100
126 33.9 17.1 51.2

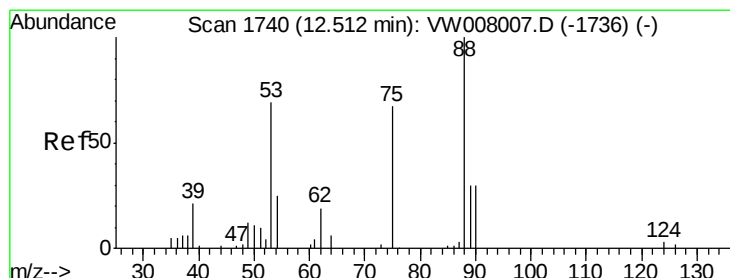
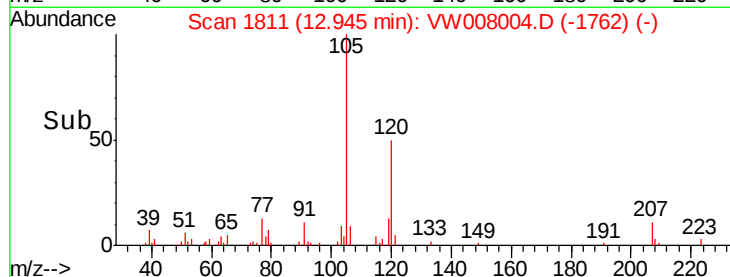
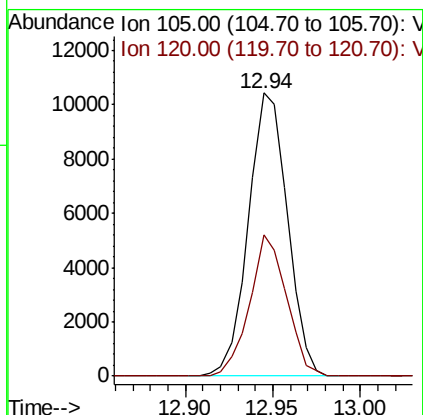
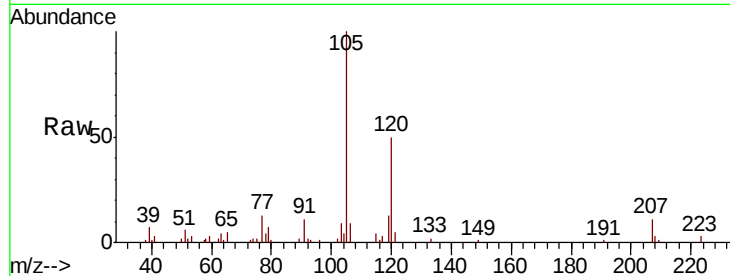




#80
 1,3,5-Trimethylbenzene
 Concen: 4.710 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW008004.D
 Acq: 02 Jan 2019 12:53

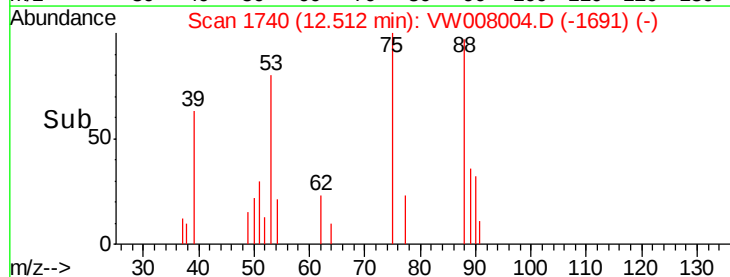
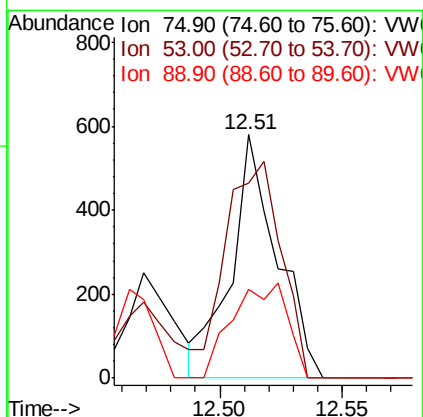
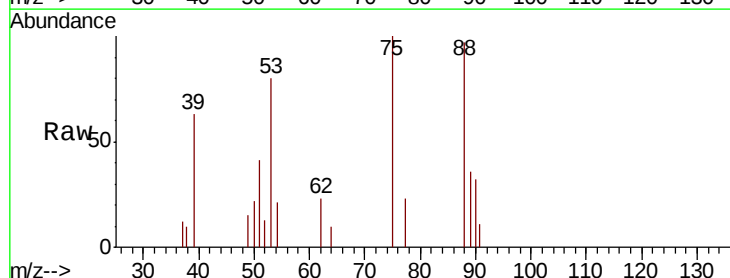
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

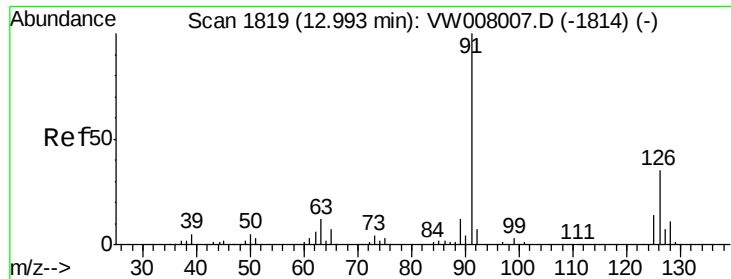
Tgt Ion: 105 Resp: 16204
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.3 69.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 4.506 ug/l
 RT: 12.51 min Scan# 1740
 Delta R.T. 0.00 min
 Lab File: VW008004.D
 Acq: 02 Jan 2019 12:53

Tgt Ion: 75 Resp: 762
 Ion Ratio Lower Upper
 75 100
 53 104.7 87.6 131.4
 89 46.9 42.2 63.2

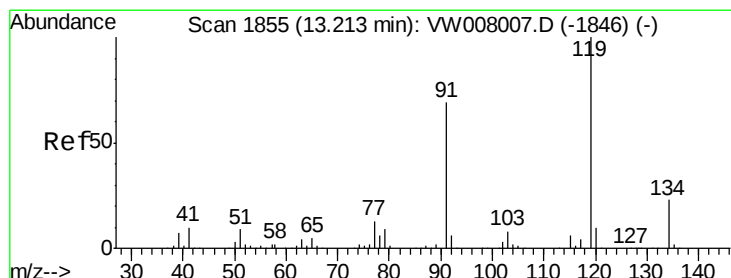
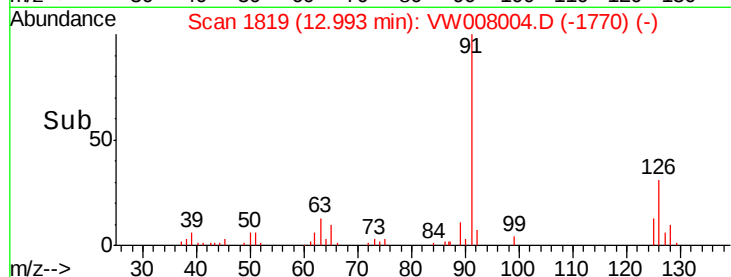
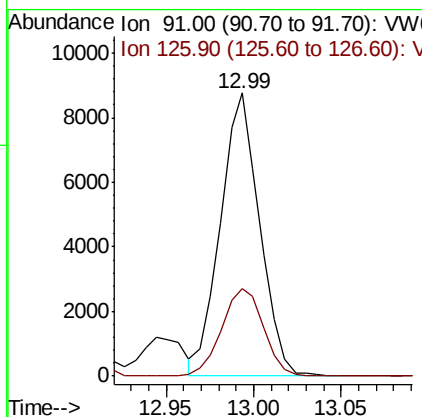
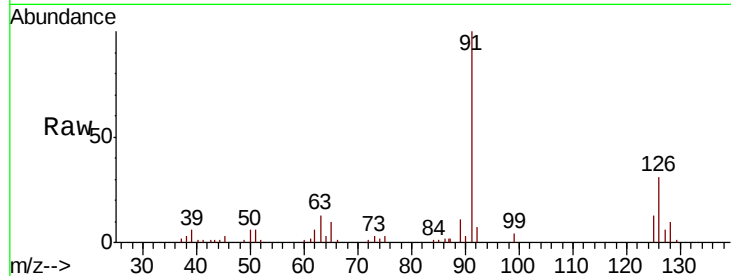




#82
4-Chlorotoluene
Concen: 4.782 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW008004.D
Acq: 02 Jan 2019 12:53

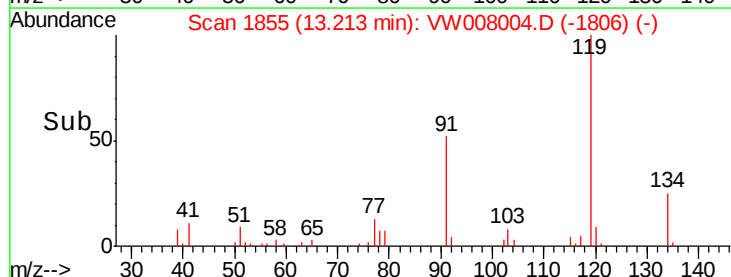
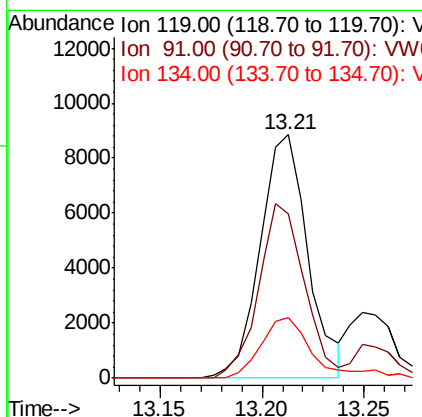
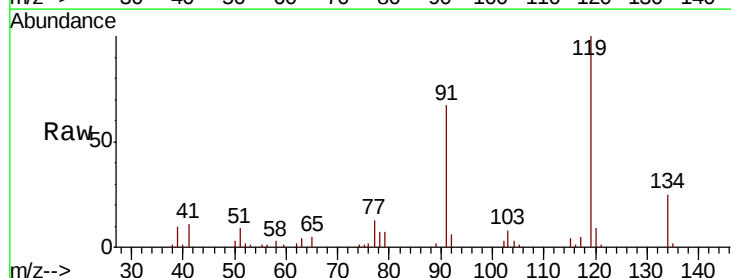
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

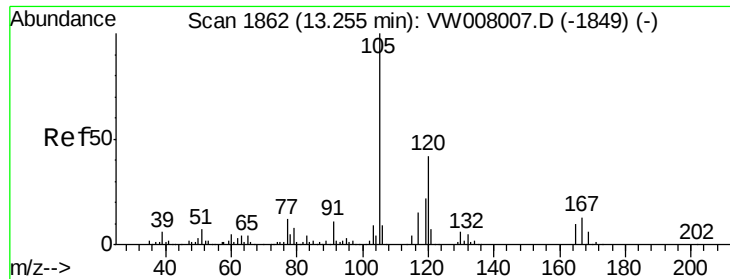
Tgt Ion: 91 Resp: 13619
Ion Ratio Lower Upper
91 100
126 33.1 16.7 50.1



#83
tert-Butylbenzene
Concen: 4.788 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW008004.D
Acq: 02 Jan 2019 12:53

Tgt Ion: 119 Resp: 14413
Ion Ratio Lower Upper
119 100
91 68.8 34.7 104.1
134 26.9 11.5 34.4

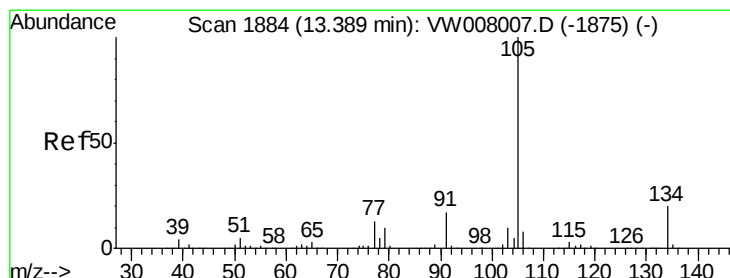
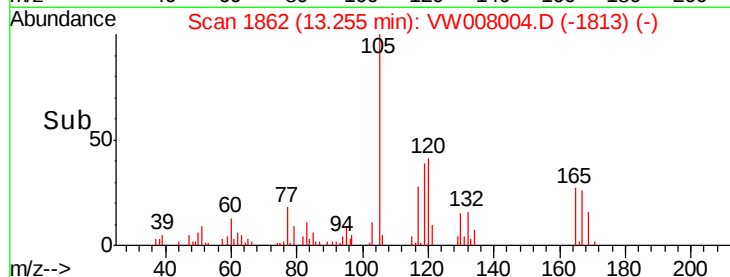
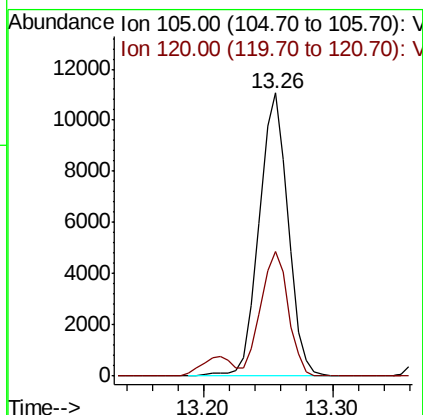
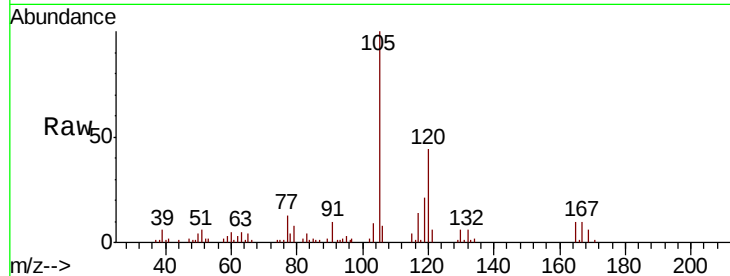




#84
1,2,4-Trimethylbenzene
Concen: 4.915 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008004.D
Acq: 02 Jan 2019 12:53

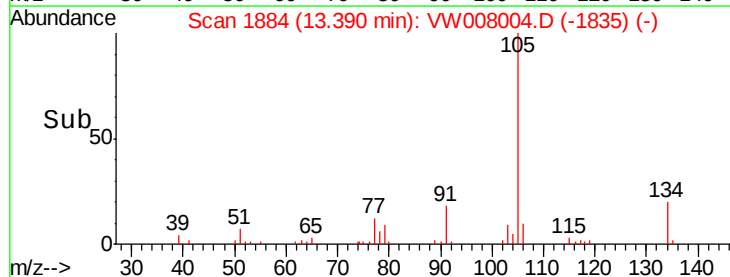
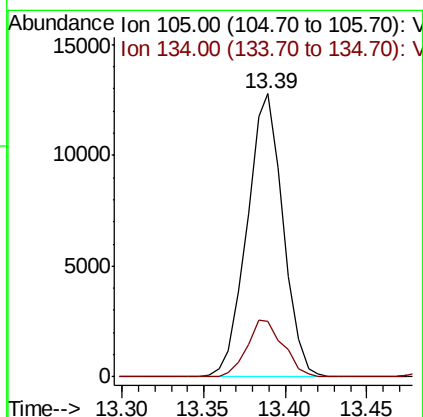
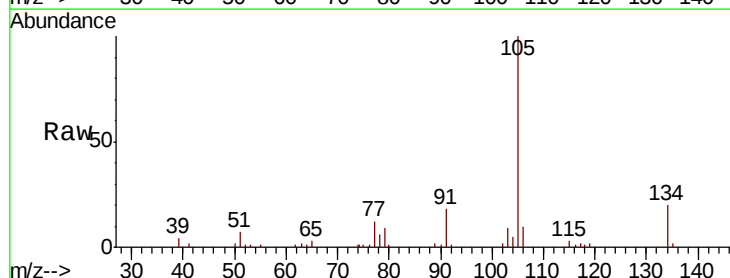
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

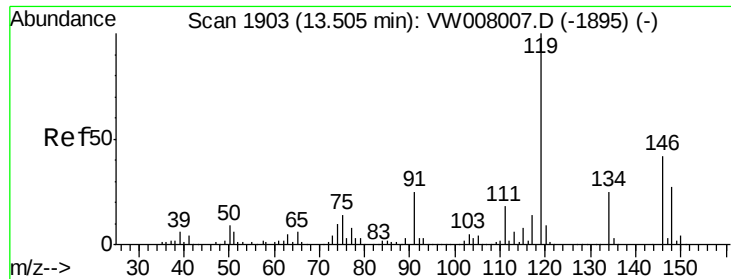
Tgt Ion:105 Resp: 17127
Ion Ratio Lower Upper
105 100
120 42.5 21.5 64.5



#85
sec-Butylbenzene
Concen: 4.725 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VW008004.D
Acq: 02 Jan 2019 12:53

Tgt Ion:105 Resp: 19567
Ion Ratio Lower Upper
105 100
134 20.1 9.7 28.9

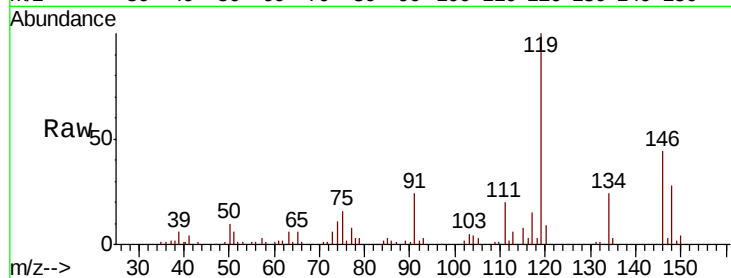




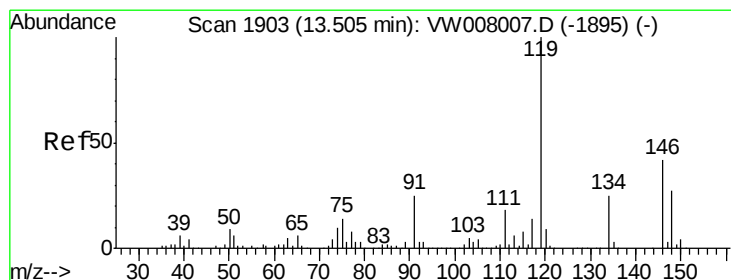
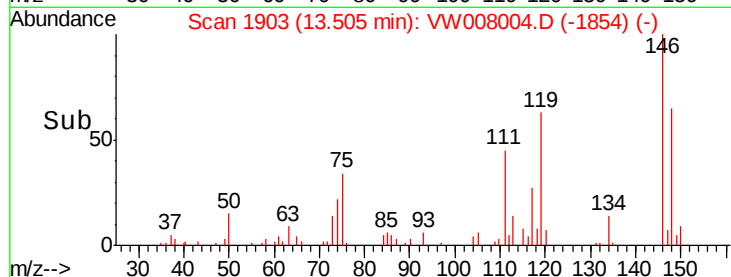
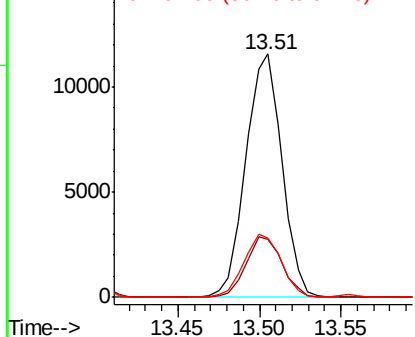
#86
p-Isopropyltoluene
Concen: 4.775 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. 0.00 min
Lab File: VW008004.D
Acq: 02 Jan 2019 12:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 17836
Ion Ratio Lower Upper
119 100
134 24.8 12.5 37.5
91 26.5 13.1 39.3

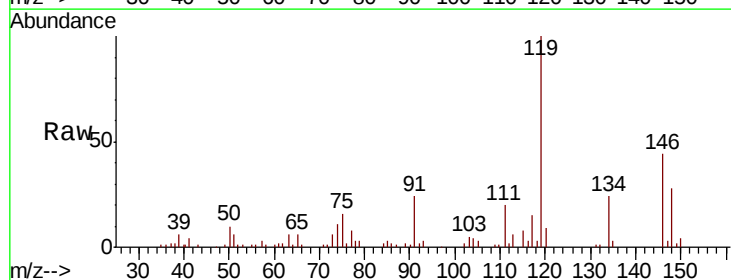


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

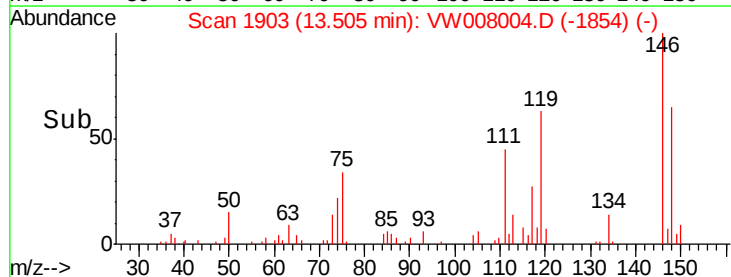
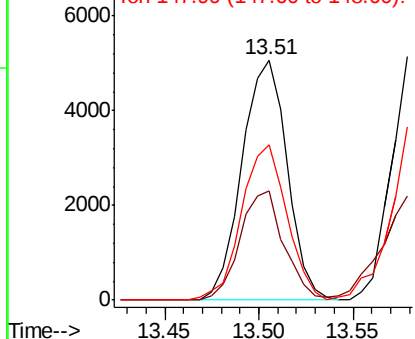


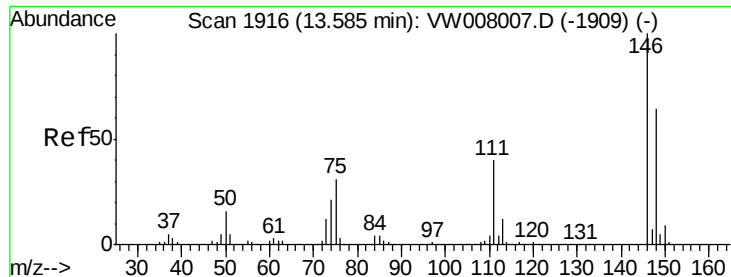
#87
1,3-Dichlorobenzene
Concen: 4.853 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. 0.00 min
Lab File: VW008004.D
Acq: 02 Jan 2019 12:53

Tgt Ion:146 Resp: 8413
Ion Ratio Lower Upper
146 100
111 44.1 21.4 64.2
148 64.6 31.9 95.5



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

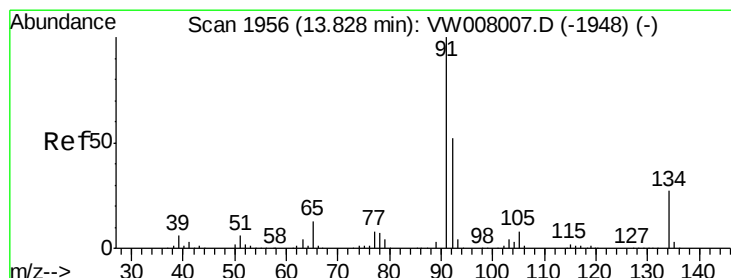
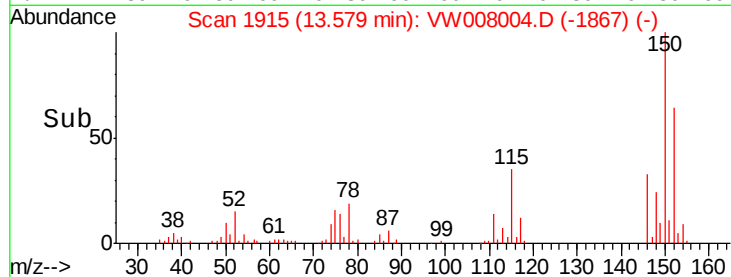
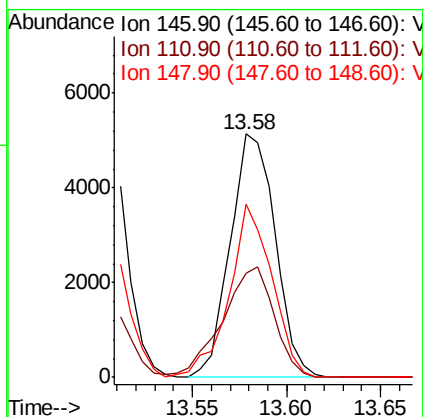
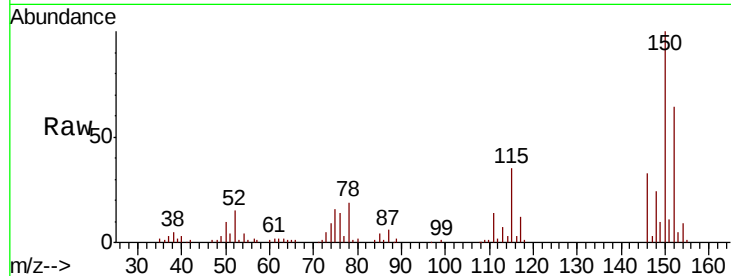




#88
 1,4-Dichlorobenzene
 Concen: 4.950 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.01 min
 Lab File: VW008004.D
 Acq: 02 Jan 2019 12:53

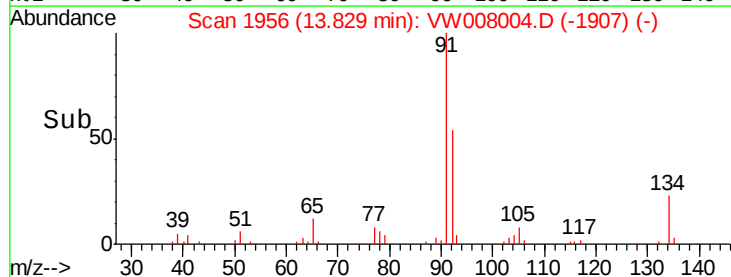
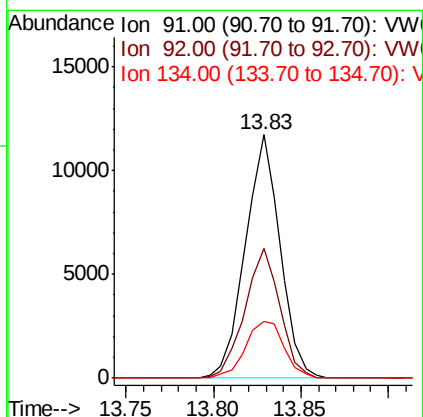
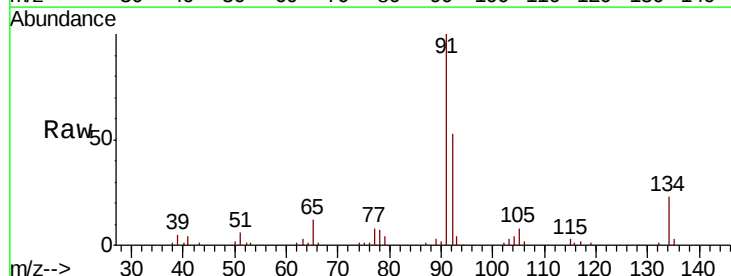
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

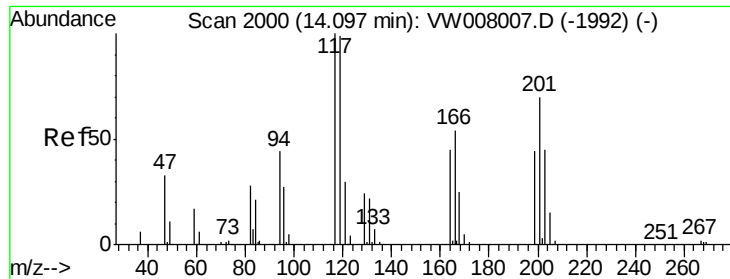
Tgt Ion:146 Resp: 8495
 Ion Ratio Lower Upper
 146 100
 111 51.9 20.9 62.8
 148 67.6 31.9 95.9



#89
 n-Butylbenzene
 Concen: 4.771 ug/l
 RT: 13.83 min Scan# 1956
 Delta R.T. 0.00 min
 Lab File: VW008004.D
 Acq: 02 Jan 2019 12:53

Tgt Ion: 91 Resp: 16299
 Ion Ratio Lower Upper
 91 100
 92 53.4 26.4 79.2
 134 26.0 13.4 40.2





#90

Hexachloroethane

Concen: 4.718 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008004.D

Acq: 02 Jan 2019 12:53

Instrument :

MSVOA_W

ClientSampleId :

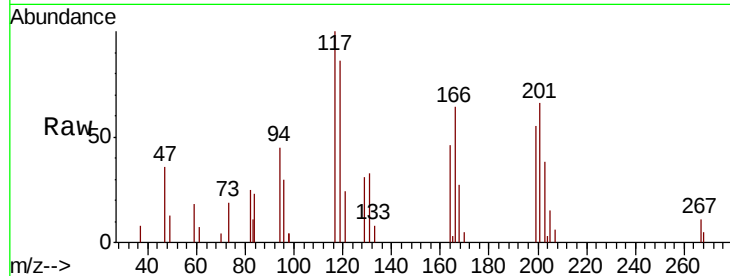
VSTDIC005

Tgt Ion:117 Resp: 3058

Ion Ratio Lower Upper

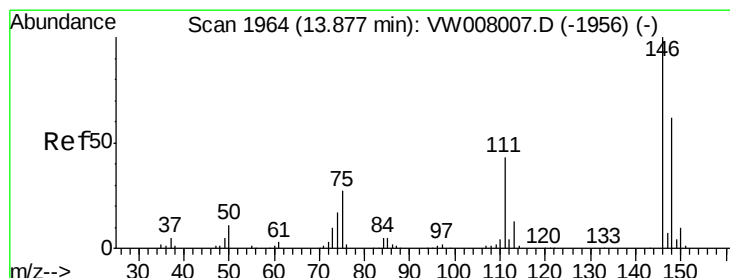
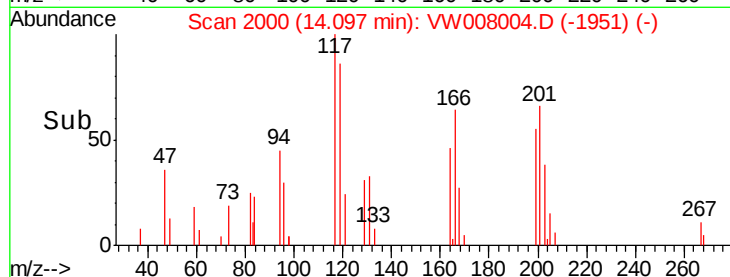
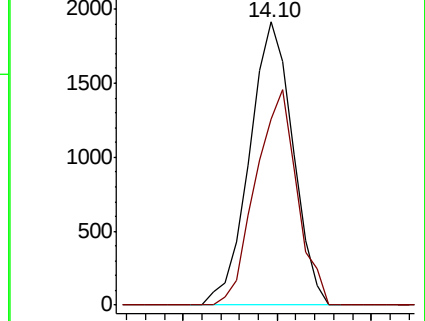
117 100

201 72.5 37.1 111.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 5.078 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW008004.D

Acq: 02 Jan 2019 12:53

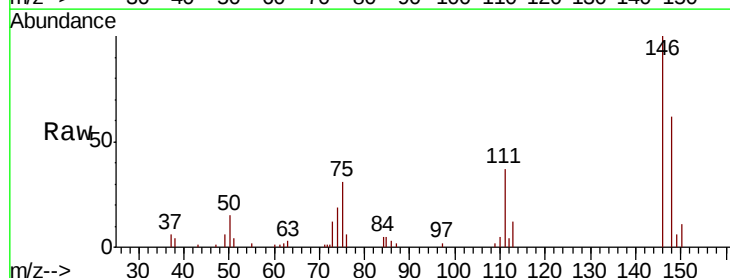
Tgt Ion:146 Resp: 7735

Ion Ratio Lower Upper

146 100

111 43.0 22.6 67.7

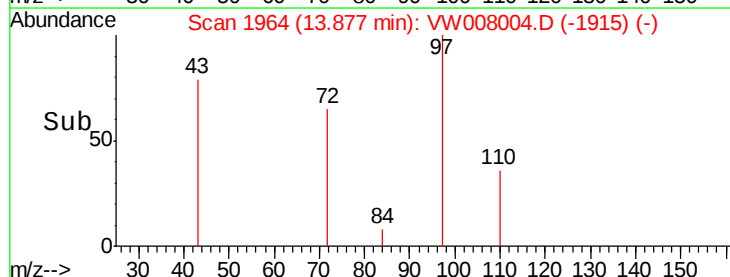
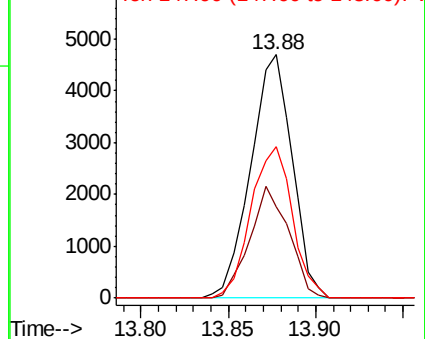
148 62.3 32.1 96.3

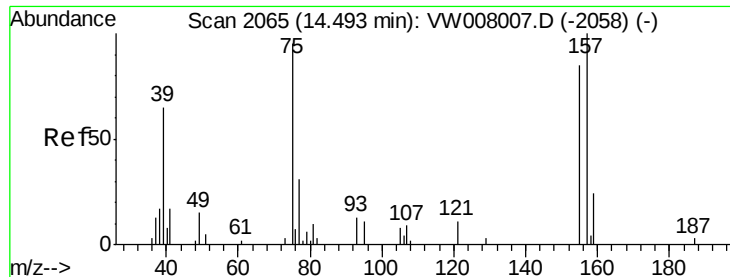


Abundance Ion 145.90 (145.60 to 146.60): V

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: 4.234 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VW008004.D

Acq: 02 Jan 2019 12:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

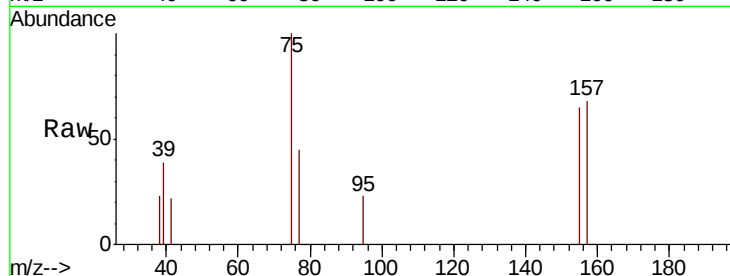
Tgt Ion: 75 Resp: 437

Ion Ratio Lower Upper

75 100

155 72.5 42.4 127.1

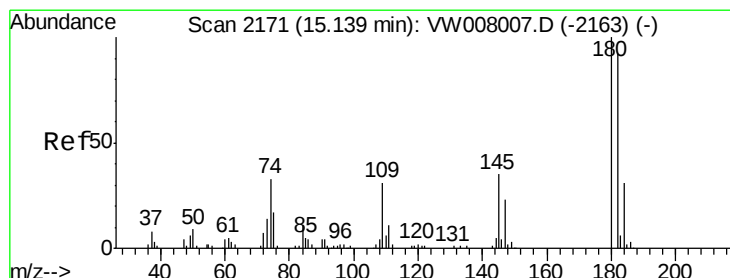
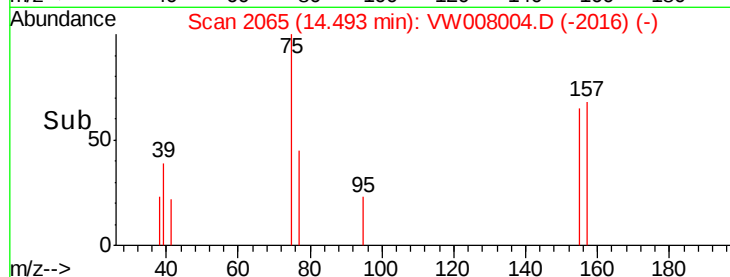
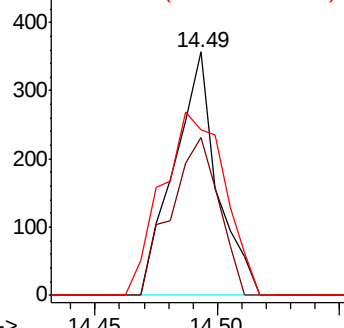
157 110.1 52.3 156.8



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: 4.676 ug/l

RT: 15.14 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VW008004.D

Acq: 02 Jan 2019 12:53

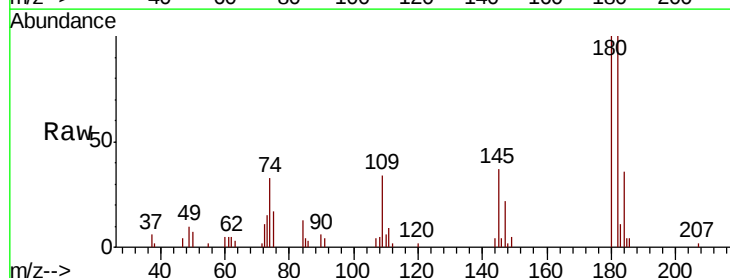
Tgt Ion: 180 Resp: 5003

Ion Ratio Lower Upper

180 100

182 95.5 46.6 139.8

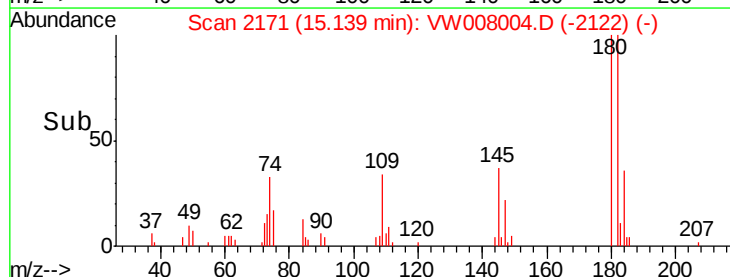
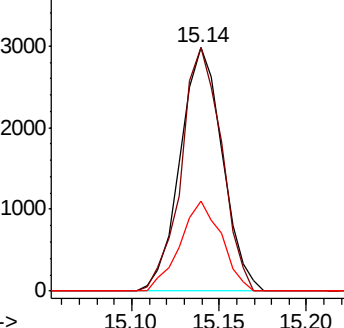
145 36.1 17.2 51.6

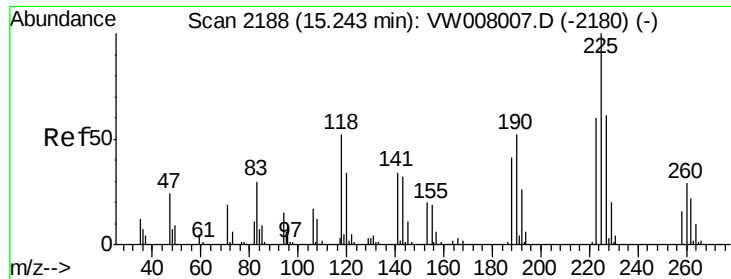


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

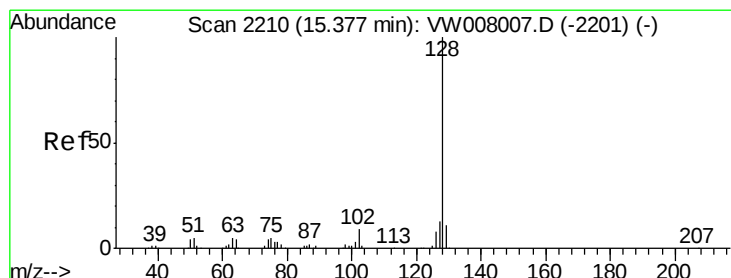
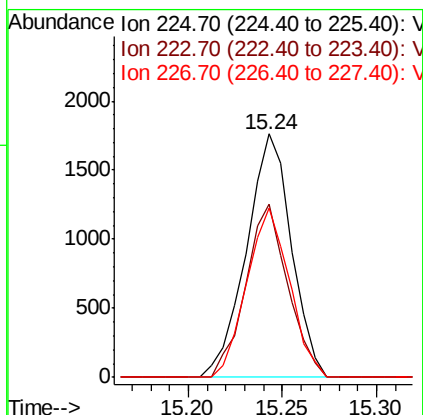
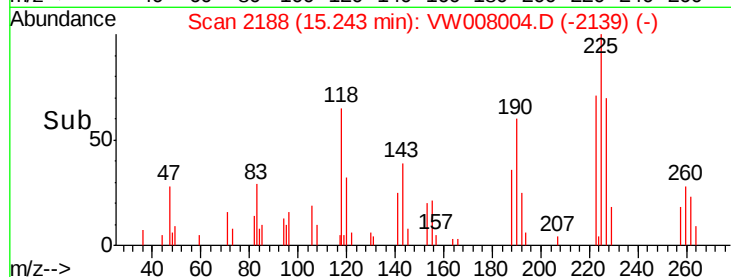
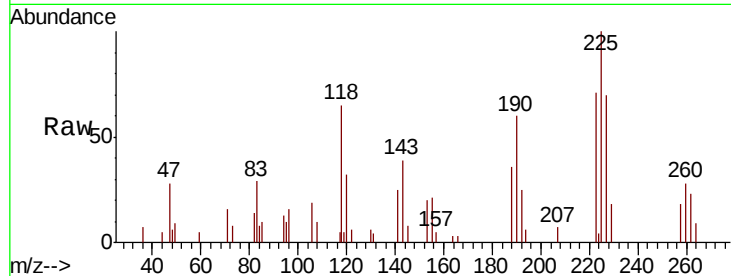




#94
Hexachlorobutadiene
Concen: 4.707 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. 0.00 min
Lab File: VW008004.D
Acq: 02 Jan 2019 12:53

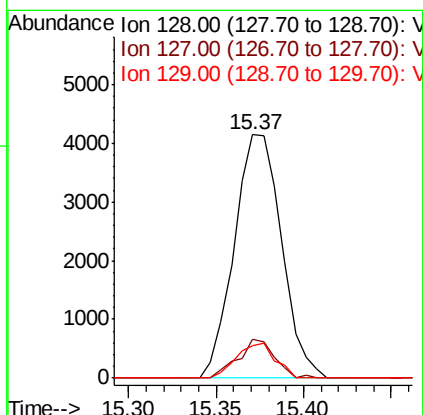
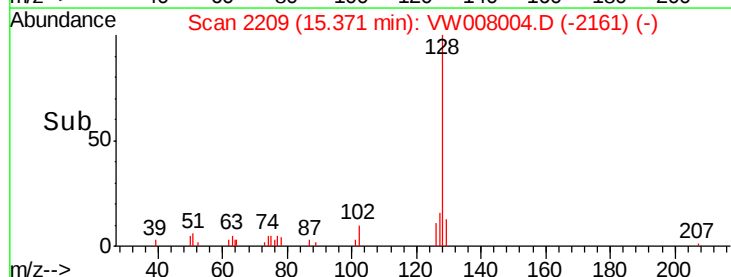
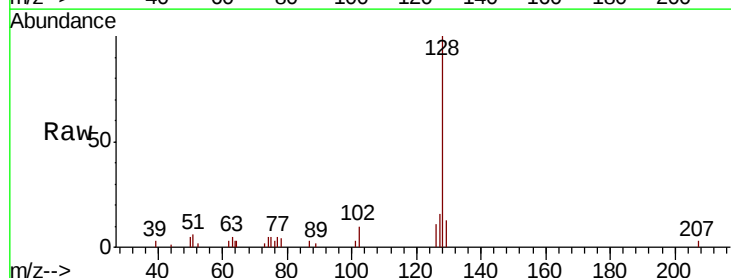
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

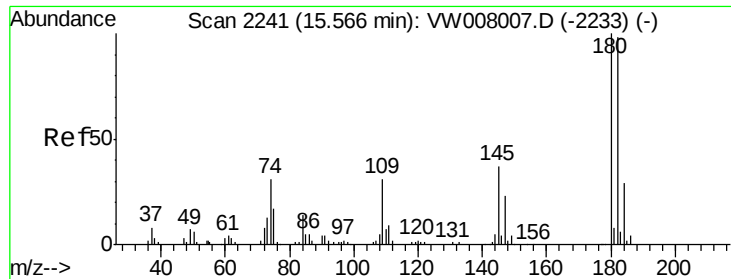
Tgt Ion: 225 Resp: 2908
Ion Ratio Lower Upper
225 100
223 66.5 30.6 92.0
227 66.1 31.3 93.8



#95
Naphthalene
Concen: 4.274 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW008004.D
Acq: 02 Jan 2019 12:53

Tgt Ion: 128 Resp: 7788
Ion Ratio Lower Upper
128 100
127 12.4 10.8 16.2
129 11.7 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 4.813 ug/l
 RT: 15.56 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW008004.D
 Acq: 02 Jan 2019 12:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion	Resp	Lower	Upper
180	4237		
182	92.5	47.9	143.8
145	35.8	18.7	56.1

