

Data File : VW008240.D
Acq On : 14 Jan 2019 12:12
Operator : SY/VA
Sample : VW0114SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBS01

Quant Time: Jan 14 21:09:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	104032	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	168114	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	153609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	77868	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	48710	41.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.32%	
35) Dibromofluoromethane	7.88	113	49647	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
50) Toluene-d8	10.32	98	203464	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
62) 4-Bromofluorobenzene	12.62	95	70186	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	15231	17.939	ug/l	98
3) Chloromethane	2.21	50	18814	17.080	ug/l	94
4) Vinyl Chloride	2.36	62	27413	19.068	ug/l	94
5) Bromomethane	2.78	94	20877	19.386	ug/l	86
6) Chloroethane	2.93	64	18129	16.758	ug/l	97
7) Trichlorofluoromethane	3.25	101	21358	18.274	ug/l	95
8) Diethyl Ether	3.68	74	11432	17.302	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	22776	19.628	ug/l	96
10) Methyl Iodide	4.26	142	32544	19.243	ug/l	99
11) Tert butyl alcohol	5.23	59	590	Below Cal	#	100
12) 1,1-Dichloroethene	4.03	96	21766	19.105	ug/l	91
13) Acrolein	3.90	56	4666	58.797	ug/l	97
14) Allyl chloride	4.66	41	37324	18.044	ug/l	95
15) Acrylonitrile	5.37	53	22327	88.758	ug/l	99
16) Acetone	4.14	43	23722	100.198	ug/l	96
17) Carbon Disulfide	4.37	76	65602	18.433	ug/l	100
18) Methyl Acetate	4.68	43	11632	15.740	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	30574	16.508	ug/l	94
20) Methylene Chloride	4.90	84	25552	19.238	ug/l	87
21) trans-1,2-Dichloroethene	5.42	96	24240	19.579	ug/l	89
22) Diisopropyl ether	6.31	45	71622	18.156	ug/l	# 96
23) Vinyl Acetate	6.26	43	180079	86.917	ug/l	98
24) 1,1-Dichloroethane	6.21	63	43486	18.919	ug/l	96
25) 2-Butanone	7.17	43	29330	90.158	ug/l	100
26) 2,2-Dichloropropane	7.17	77	29537	18.965	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	25444	18.837	ug/l	97
28) Bromochloromethane	7.51	49	15712	17.282	ug/l	94
29) Tetrahydrofuran	7.53	42	17419	80.158	ug/l	94
30) Chloroform	7.67	83	42355	19.359	ug/l	99
31) Cyclohexane	7.95	56	42945	17.453	ug/l	89
32) 1,1,1-Trichloroethane	7.87	97	37253	19.569	ug/l	98
36) 1,1-Dichloropropene	8.08	75	36049	20.817	ug/l	99
37) Ethyl Acetate	7.26	43	11594	16.711	ug/l	95
38) Carbon Tetrachloride	8.06	117	34520	21.779	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	42921	19.547	ug/l	96
40) Benzene	8.32	78	97554	20.769	ug/l	100
41) Methacrylonitrile	7.49	41	7970	18.185	ug/l	95
42) 1,2-Dichloroethane	8.40	62	26017	19.694	ug/l	97
43) Isopropyl Acetate	8.43	43	24375	17.572	ug/l	97
44) Trichloroethene	9.09	130	26805	22.294	ug/l	87
45) 1,2-Dichloropropane	9.37	63	24378	20.932	ug/l	92
46) Dibromomethane	9.46	93	11687	20.433	ug/l	96
47) Bromodichloromethane	9.64	83	31181	21.470	ug/l	100
48) Methyl methacrylate	9.44	41	12010	18.349	ug/l	95
49) 1,4-Dioxane	9.47	88	3414	371.157	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	60105	89.514	ug/l	99
52) Toluene	10.39	92	62555	20.854	ug/l	96
53) t-1,3-Dichloropropene	10.60	75	29525	19.544	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	35187	19.642	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	16160	20.124	ug/l	98
56) Ethyl methacrylate	10.65	69	18756	18.860	ug/l	96
57) 1,3-Dichloropropane	10.93	76	29670	20.202	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	46379	90.283	ug/l	99
59) 2-Hexanone	10.97	43	42602	93.822	ug/l	100
60) Dibromochloromethane	11.13	129	19611	22.239	ug/l	98
61) 1,2-Dibromoethane	11.24	107	15525	20.375	ug/l	100
64) Tetrachloroethene	10.86	164	21828	21.835	ug/l	96
65) Chlorobenzene	11.66	112	67399	20.711	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	22754	21.497	ug/l	98
67) Ethyl Benzene	11.73	91	118557	19.910	ug/l	94
68) m/p-Xylenes	11.84	106	93228	41.020	ug/l	98
69) o-Xylene	12.17	106	42696	20.286	ug/l	96
70) Styrene	12.18	104	69646	21.127	ug/l	98
71) Bromoform	12.35	173	10810	22.819	ug/l #	95
73) Isopropylbenzene	12.47	105	119718	19.583	ug/l	100
74) N-amyl acetate	12.27	43	21678	16.012	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.72	83	18530	18.937	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	24178	34.061	ug/l	29
77) Bromobenzene	12.75	156	26354	20.402	ug/l	90
78) n-propylbenzene	12.80	91	146255	19.525	ug/l	97
79) 2-Chlorotoluene	12.90	91	81667	19.542	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	99745	19.855	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	5480	17.977	ug/l	97
82) 4-Chlorotoluene	12.99	91	85455	19.415	ug/l	97
83) tert-Butylbenzene	13.21	119	88304	19.868	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	102144	19.714	ug/l	98
85) sec-Butylbenzene	13.39	105	129536	19.897	ug/l	99
86) p-Isopropyltoluene	13.50	119	111528	19.838	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	55935	21.346	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	54012	20.545	ug/l	99
89) n-Butylbenzene	13.83	91	108960	19.788	ug/l	98
90) Hexachloroethane	14.10	117	19968	21.028	ug/l	93
91) 1,2-Dichlorobenzene	13.87	146	47832	20.771	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2981	18.930	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011419\
Quantitation Report (Not Reviewed)

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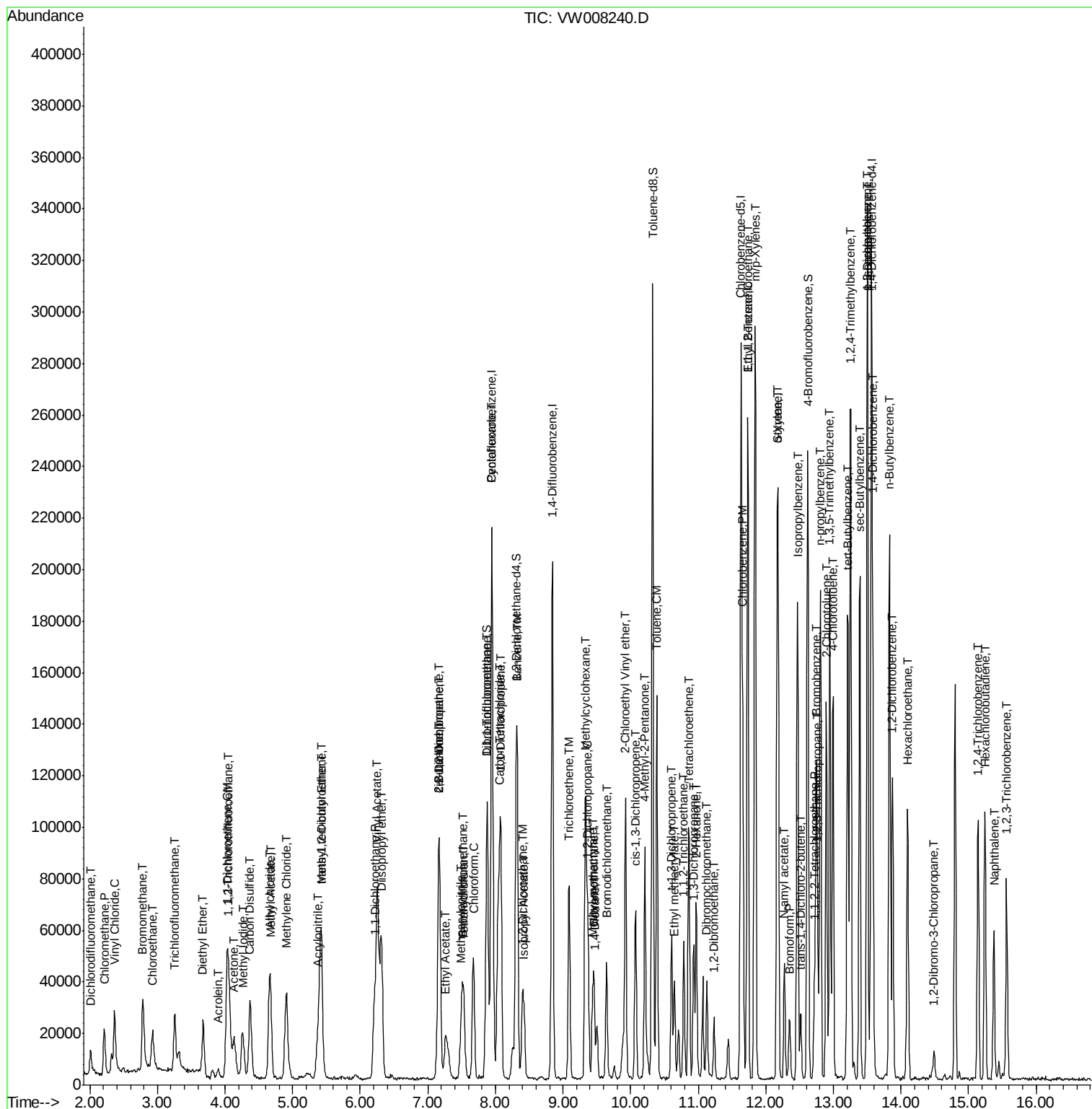
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	31305	20.475	ug/l	98
94) Hexachlorobutadiene	15.24	225	18853	23.038	ug/l	99
95) Naphthalene	15.38	128	50500	17.689	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	26991	20.709	ug/l	96

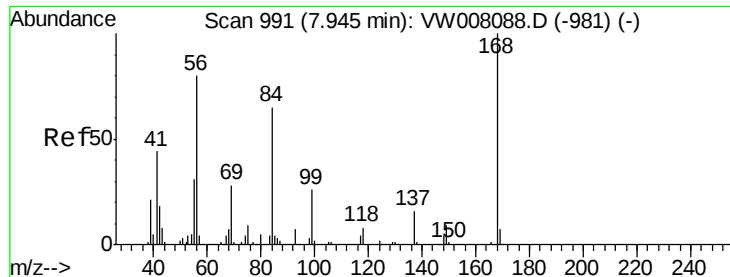
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

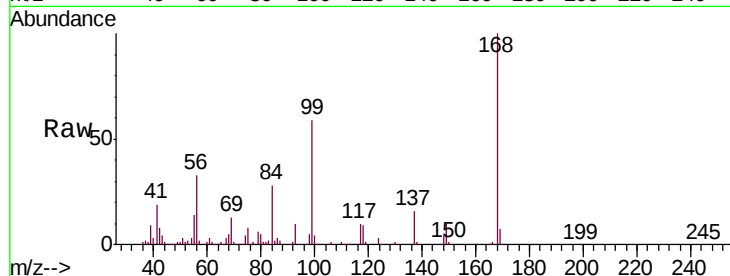
VW0114SBS01

Tgt Ion:168 Resp: 104032

Ion Ratio Lower Upper

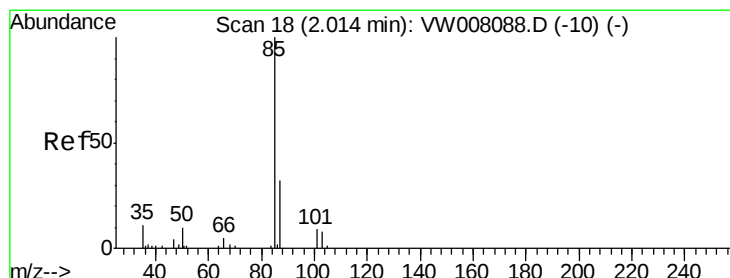
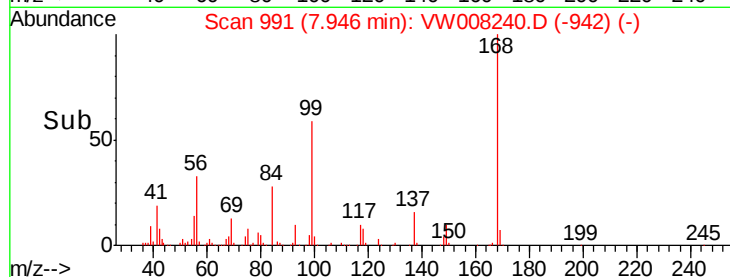
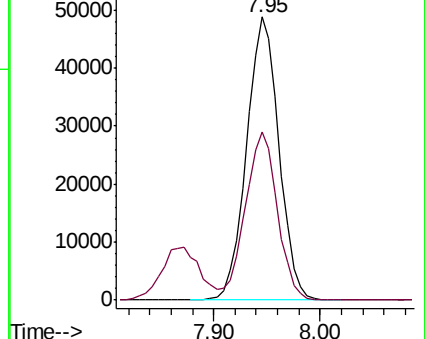
168 100

99 59.2 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 17.939 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008240.D

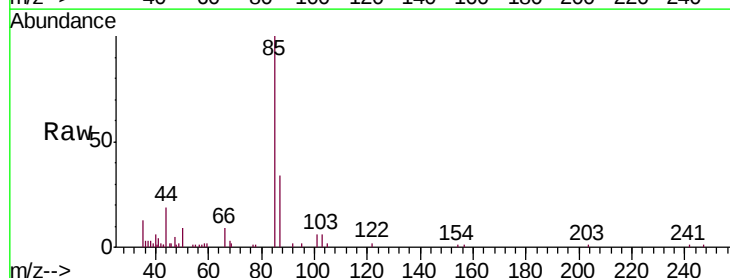
Acq: 14 Jan 2019 12:12

Tgt Ion: 85 Resp: 15231

Ion Ratio Lower Upper

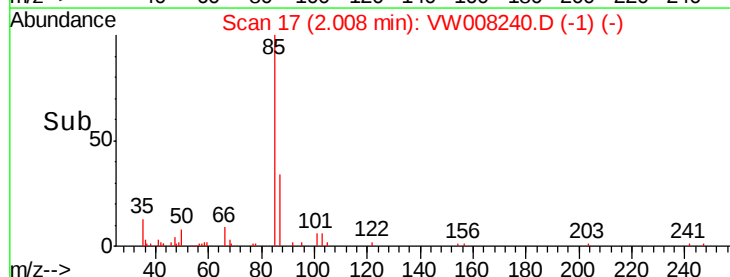
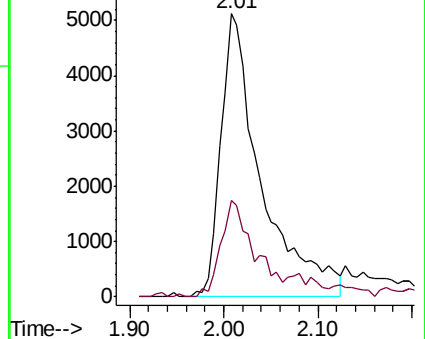
85 100

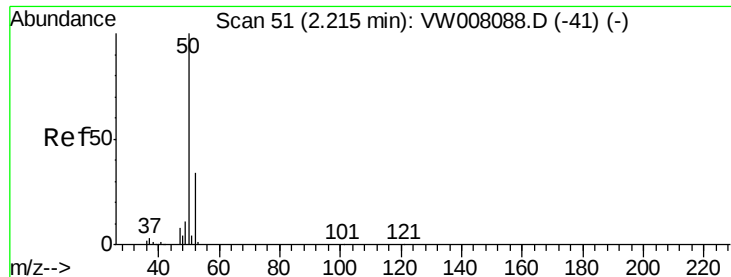
87 33.2 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 17.080 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

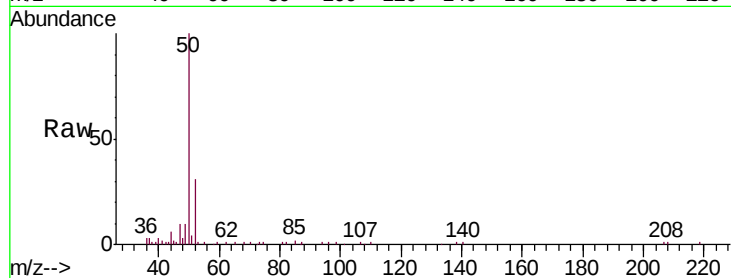
VW0114SBS01

Tgt Ion: 50 Resp: 18814

Ion Ratio Lower Upper

50 100

52 30.1 26.8 40.2



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.21

12000

10000

8000

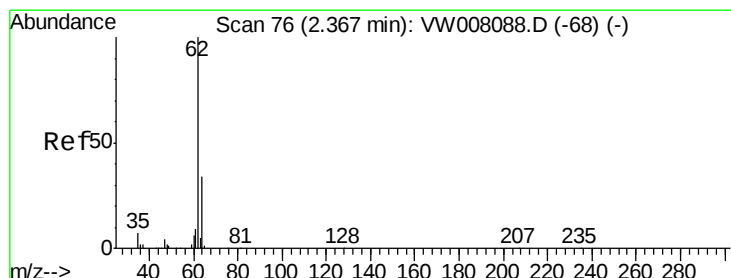
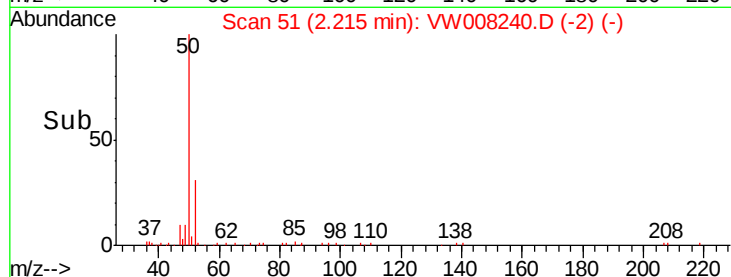
6000

4000

2000

0

Time-->



#4

Vinyl Chloride

Concen: 19.068 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW008240.D

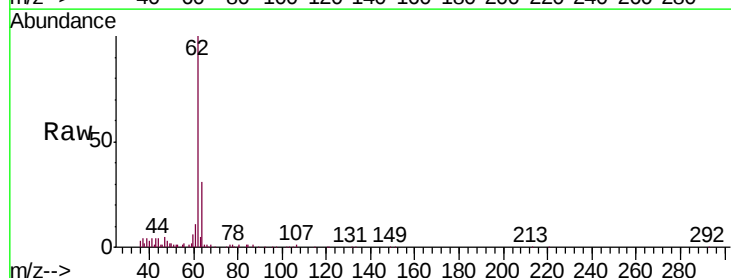
Acq: 14 Jan 2019 12:12

Tgt Ion: 62 Resp: 27413

Ion Ratio Lower Upper

62 100

64 30.4 27.0 40.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

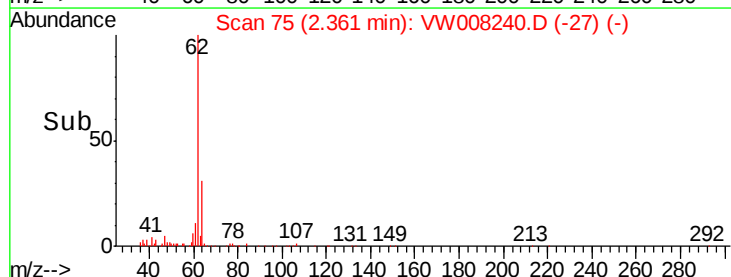
15000

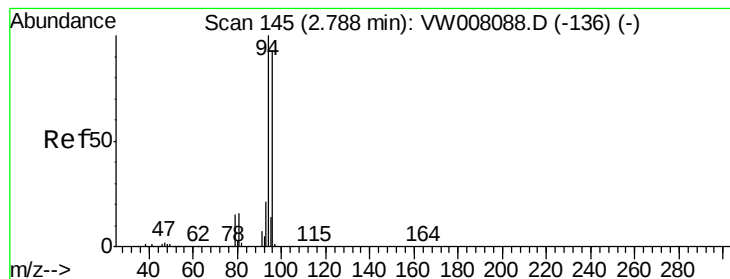
10000

5000

0

Time-->





#5

Bromomethane

Concen: 19.386 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

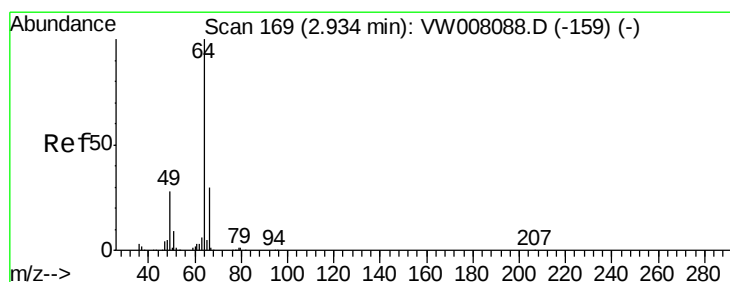
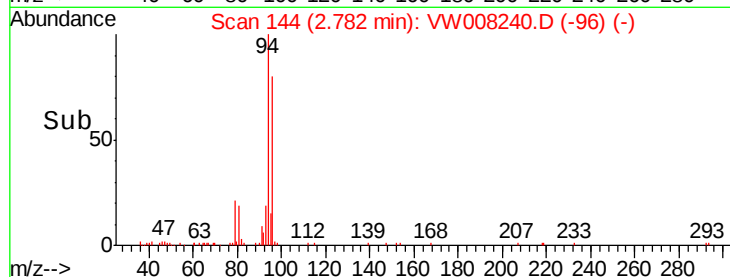
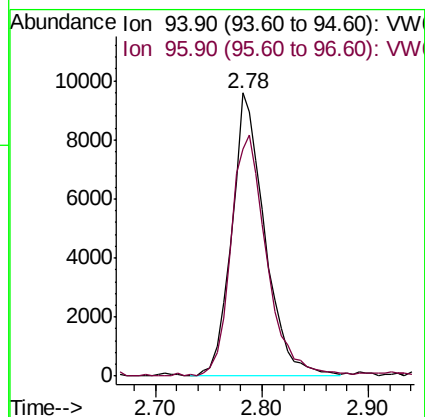
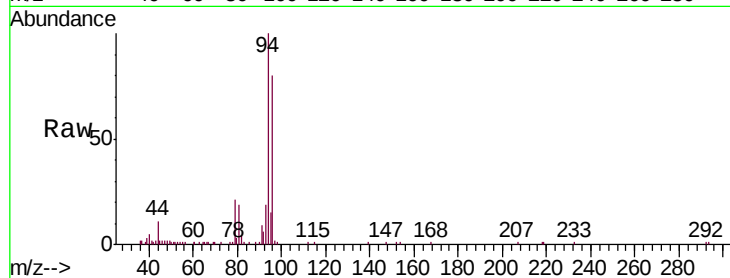
VW0114SBS01

Tgt Ion: 94 Resp: 20877

Ion Ratio Lower Upper

94 100

96 79.5 74.1 111.1



#6

Chloroethane

Concen: 16.758 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW008240.D

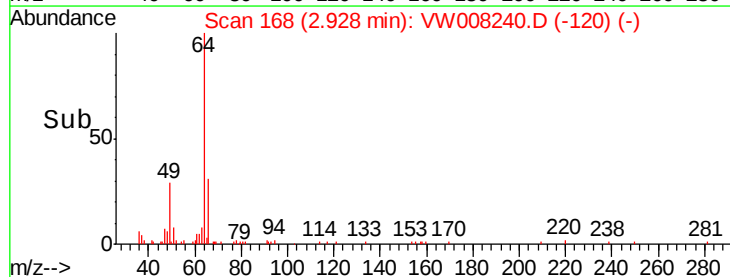
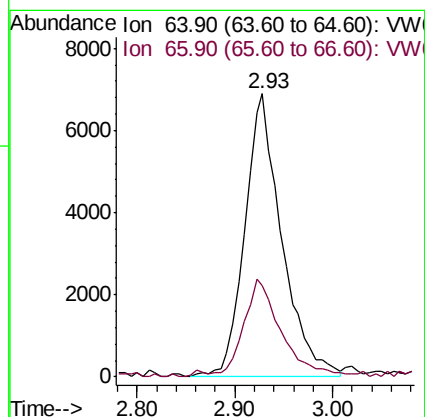
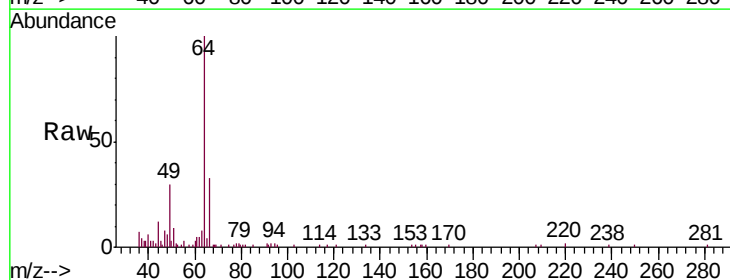
Acq: 14 Jan 2019 12:12

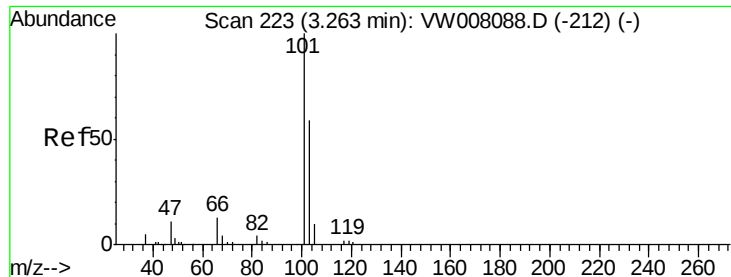
Tgt Ion: 64 Resp: 18129

Ion Ratio Lower Upper

64 100

66 31.8 24.2 36.2



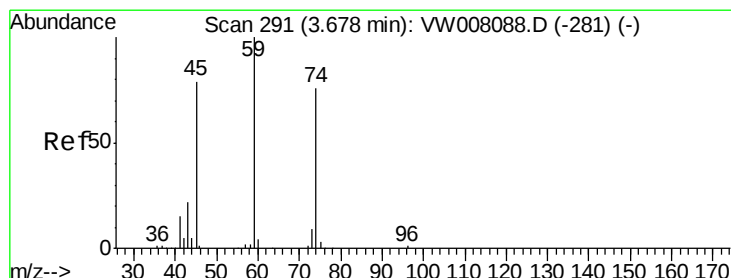
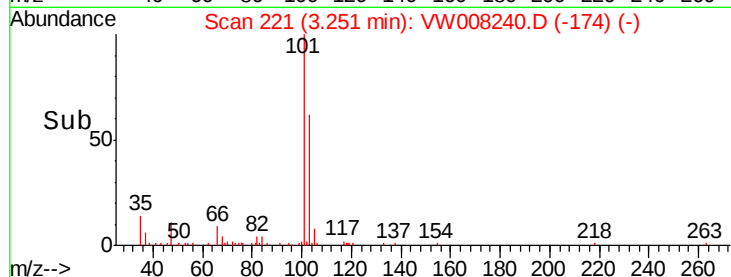
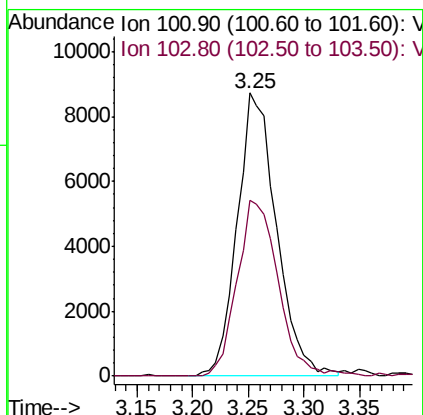
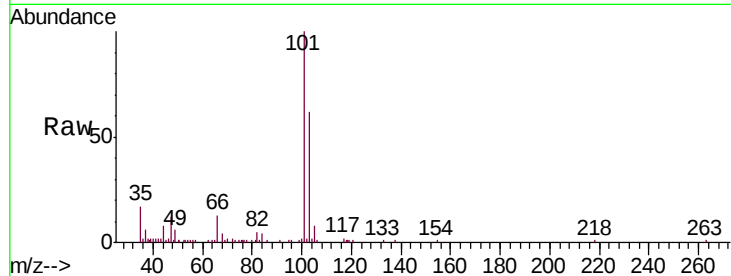


#7

Trichlorofluoromethane
 Concen: 18.274 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
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 VW0114SBS01

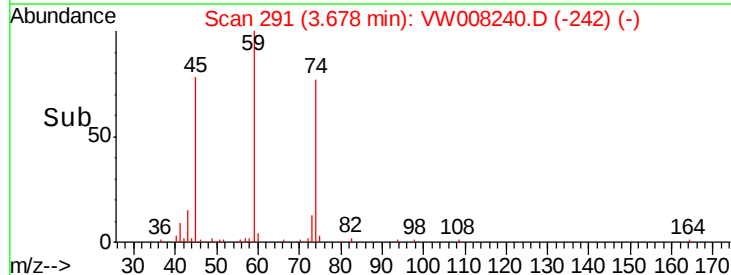
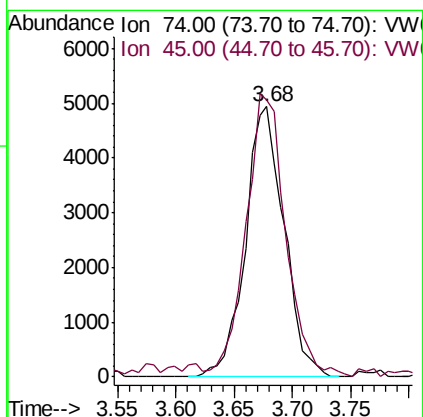
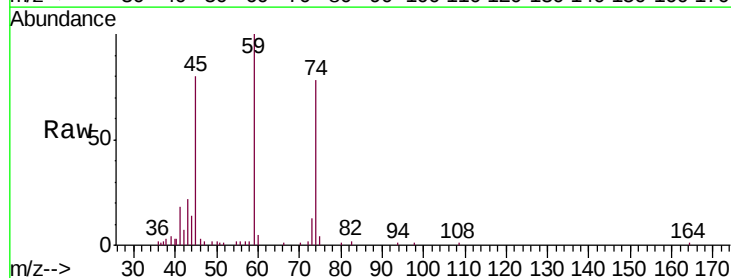
Tgt Ion:101 Resp: 21358
 Ion Ratio Lower Upper
 101 100
 103 62.3 47.0 70.6

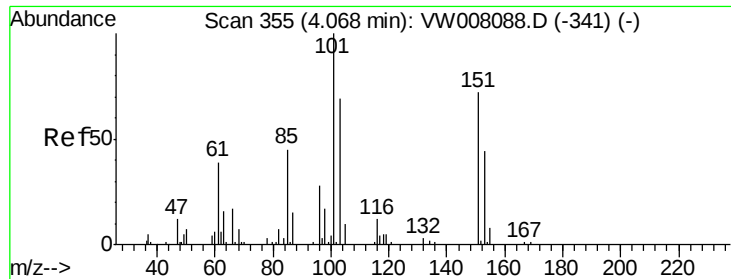


#8

Diethyl Ether
 Concen: 17.302 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW008240.D
 Acq: 14 Jan 2019 12:12

Tgt Ion: 74 Resp: 11432
 Ion Ratio Lower Upper
 74 100
 45 108.2 52.4 157.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.628 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW008240.D

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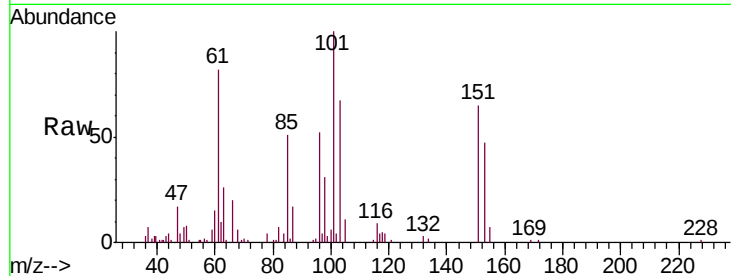
Tgt Ion:101 Resp: 22776

Ion Ratio Lower Upper

101 100

85 46.3 35.9 53.9

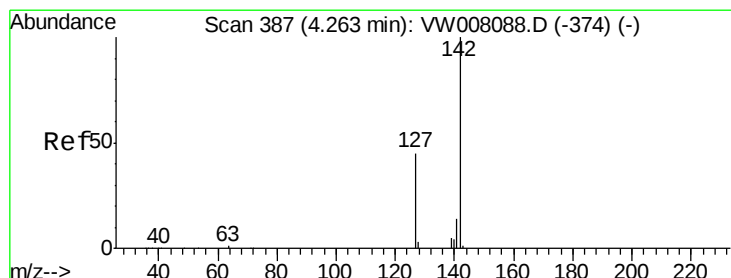
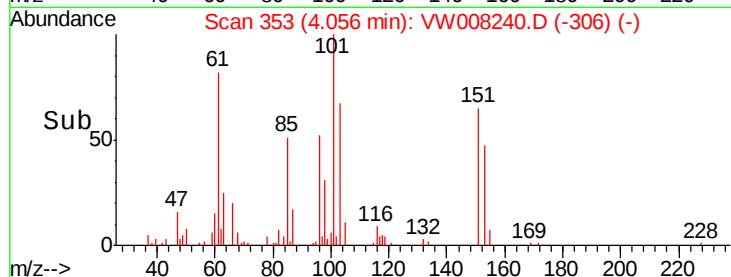
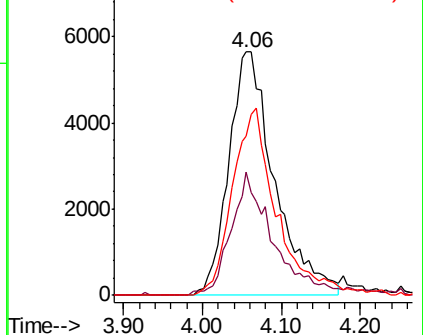
151 74.0 55.8 83.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.243 ug/l

RT: 4.26 min Scan# 387

Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

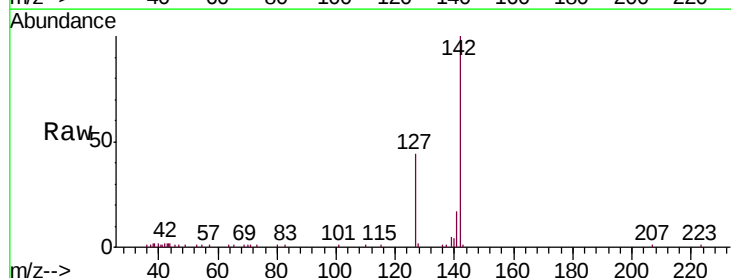
Tgt Ion:142 Resp: 32544

Ion Ratio Lower Upper

142 100

127 44.4 35.0 52.4

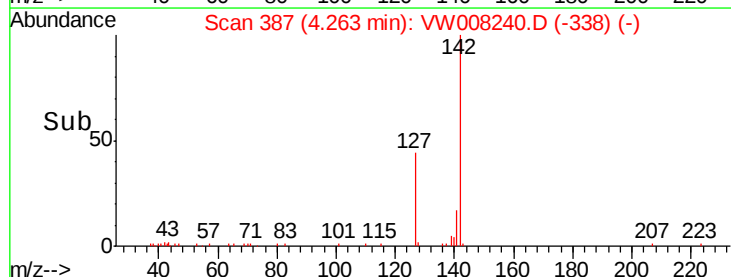
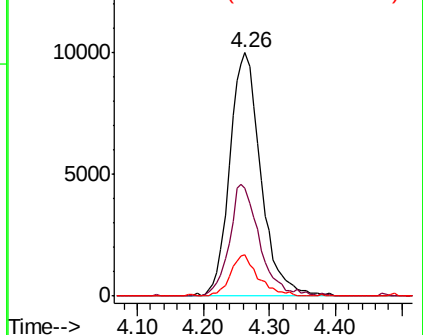
141 15.2 11.8 17.6

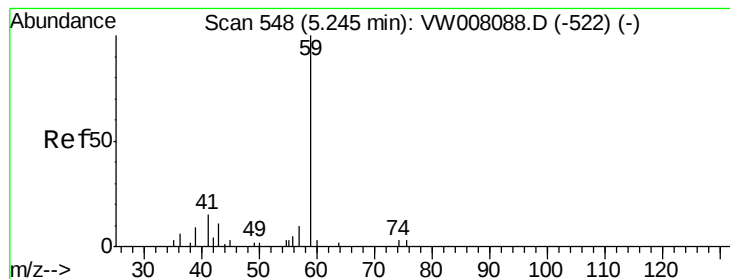


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



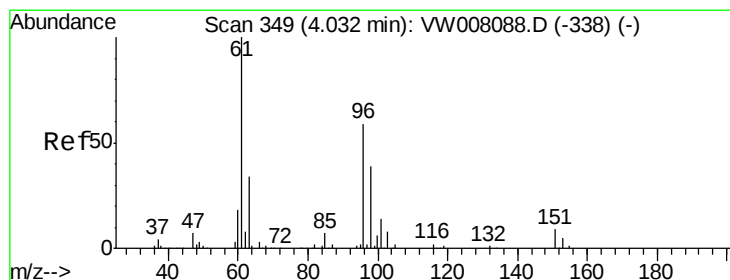
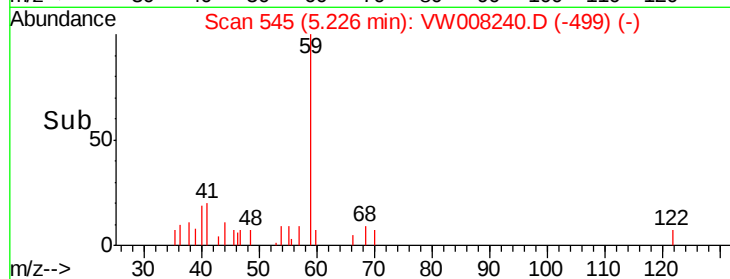
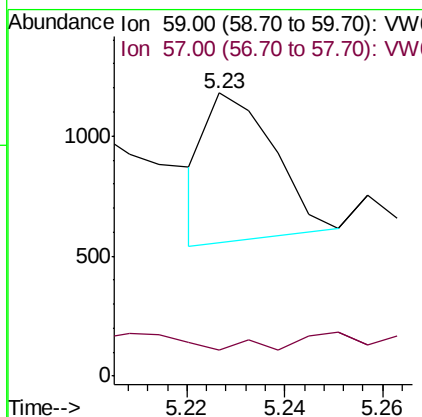
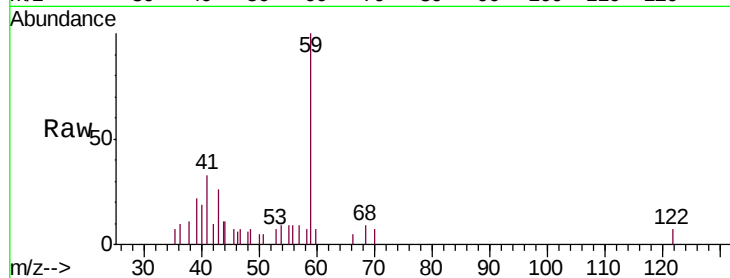


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.23 min Scan# 545
 Delta R.T. -0.02 min
 Lab File: VW008240.D
 Acq: 14 Jan 2019 12:12

Instrument :
 MSVOA_W
 ClientSampled :
 VW0114SBS01

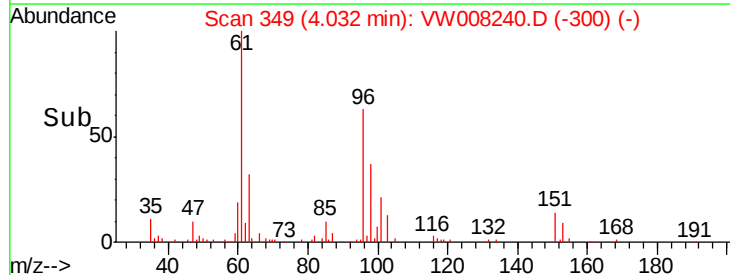
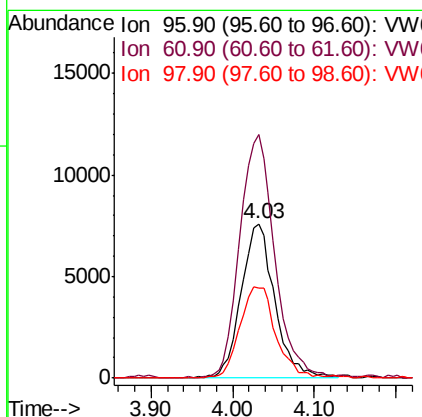
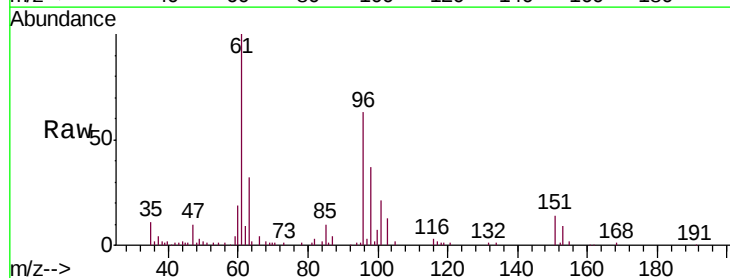
Tgt Ion: 59 Resp: 590
 Ion Ratio Lower Upper
 59 100
 57 0.0 0.0 0.0

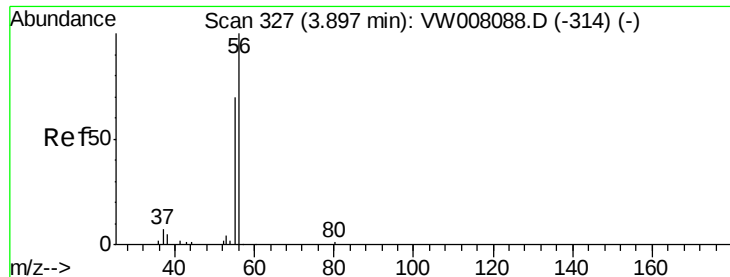


#12

1,1-Dichloroethene
 Concen: 19.105 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. 0.00 min
 Lab File: VW008240.D
 Acq: 14 Jan 2019 12:12

Tgt Ion: 96 Resp: 21766
 Ion Ratio Lower Upper
 96 100
 61 156.8 135.4 203.2
 98 58.1 52.5 78.7





#13

Acrolein

Concen: 58.797 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

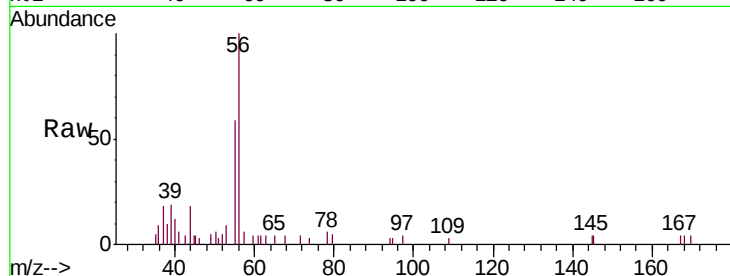
VW0114SBS01

Tgt Ion: 56 Resp: 4666

Ion Ratio Lower Upper

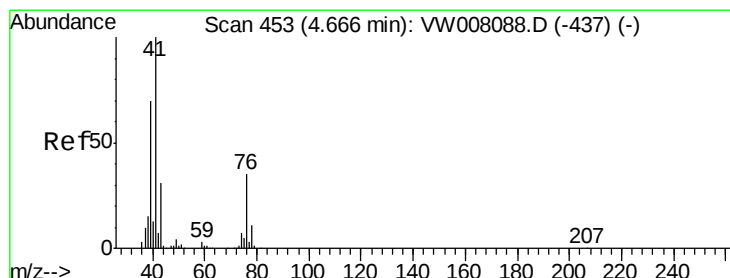
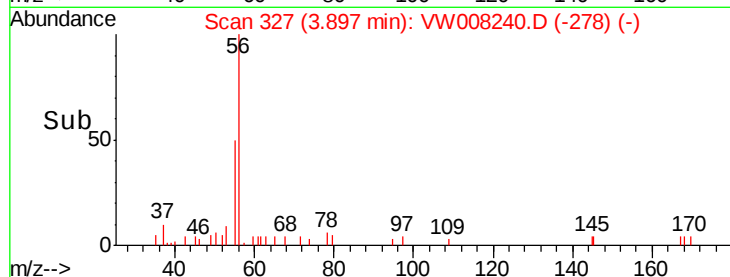
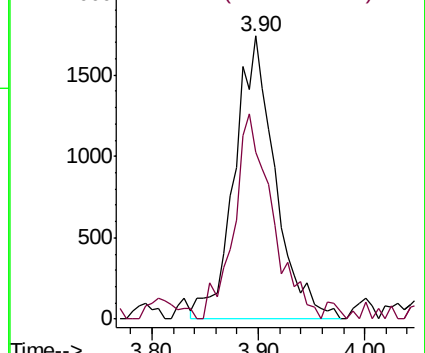
56 100

55 68.2 56.6 84.8



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 18.044 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

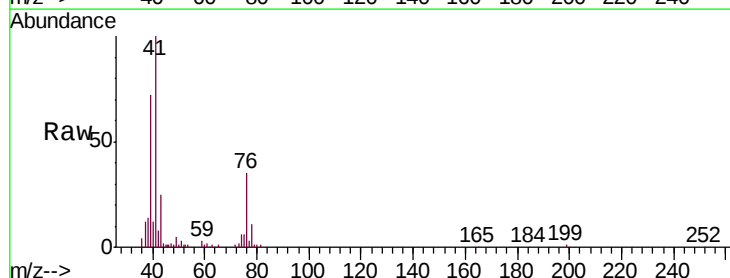
Tgt Ion: 41 Resp: 37324

Ion Ratio Lower Upper

41 100

39 71.7 53.8 80.8

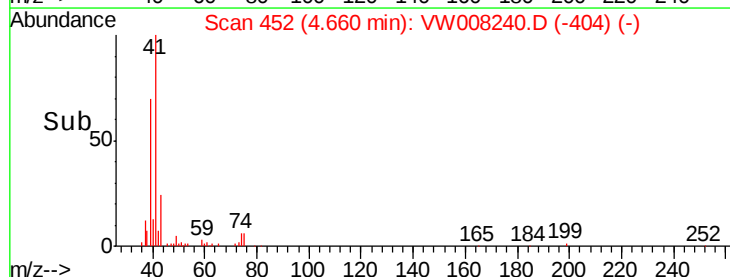
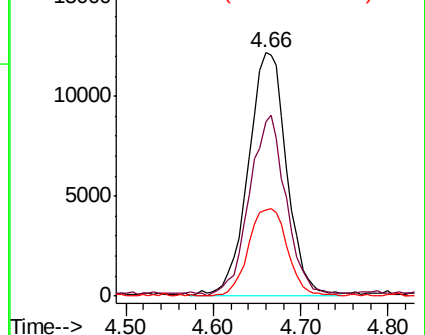
76 36.6 27.6 41.4

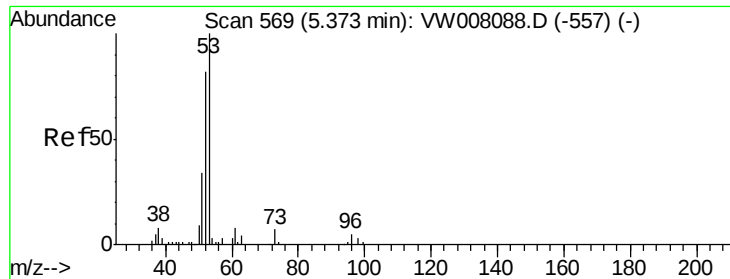


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 88.758 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBS01

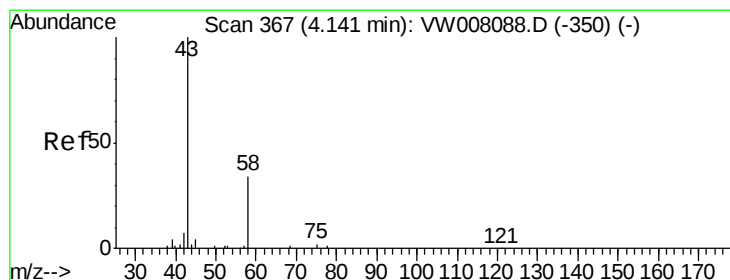
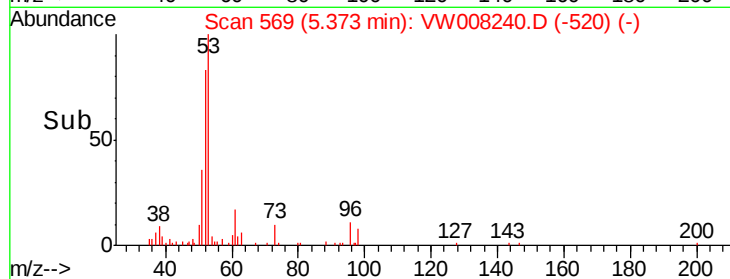
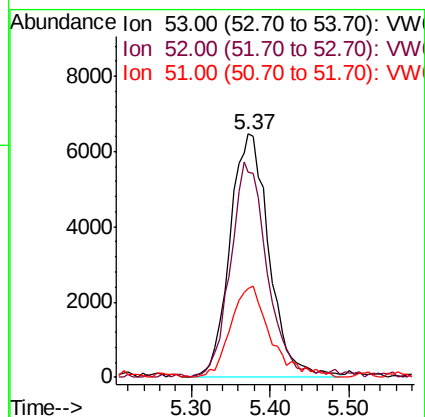
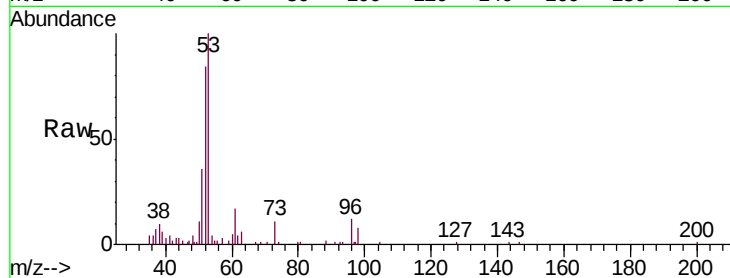
Tgt Ion: 53 Resp: 22327

Ion Ratio Lower Upper

53 100

52 82.9 66.8 100.2

51 38.3 29.7 44.5



#16

Acetone

Concen: 100.198 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW008240.D

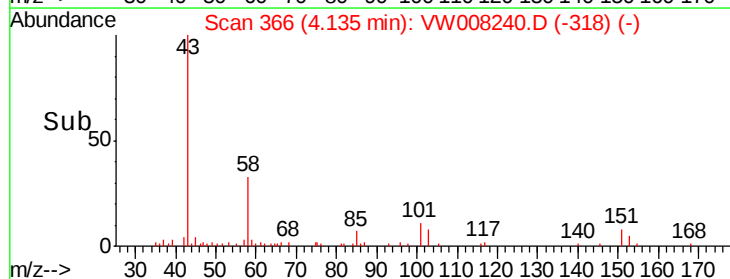
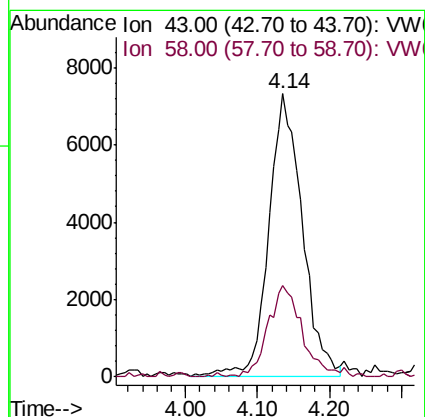
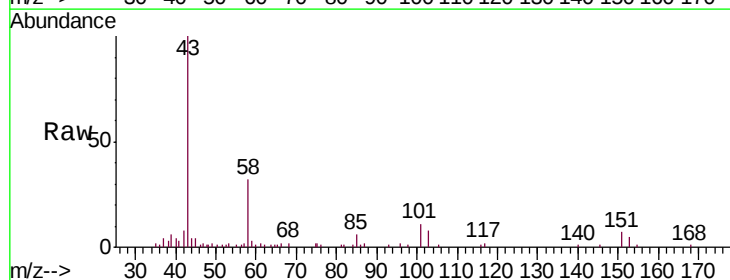
Acq: 14 Jan 2019 12:12

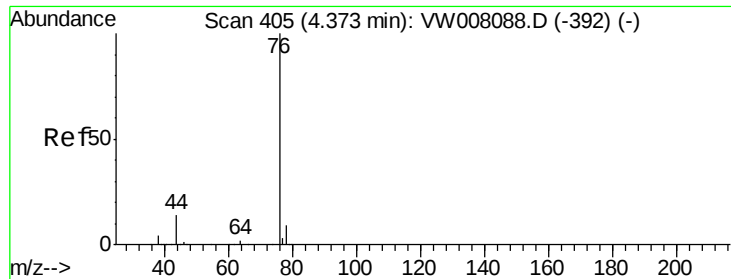
Tgt Ion: 43 Resp: 23722

Ion Ratio Lower Upper

43 100

58 32.4 27.5 41.3

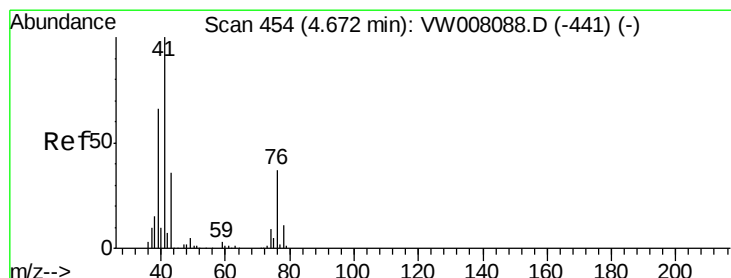
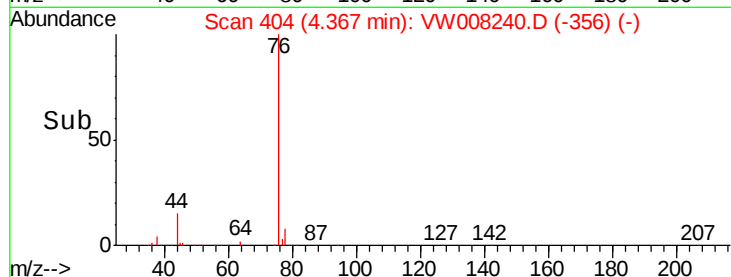
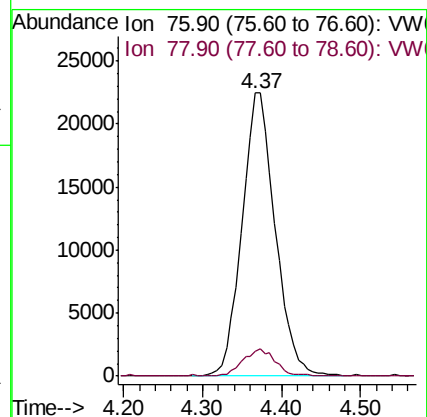
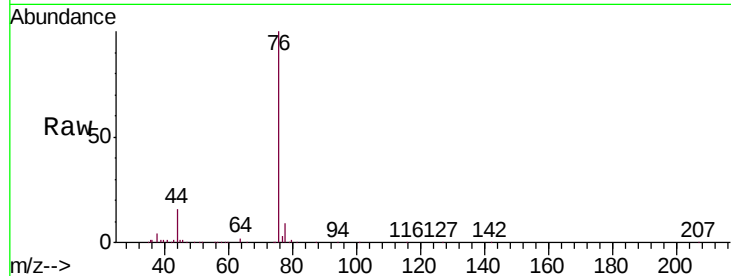




#17
Carbon Disulfide
Concen: 18.433 ug/l
RT: 4.37 min Scan# 404
Delta R.T. -0.01 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

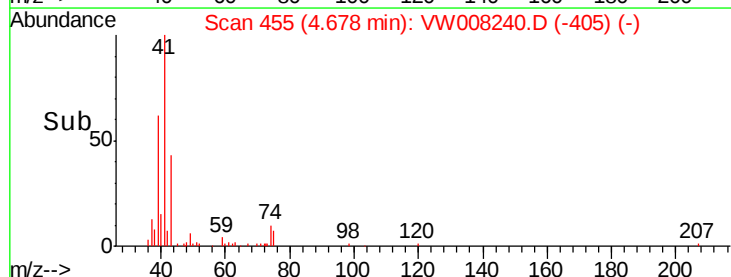
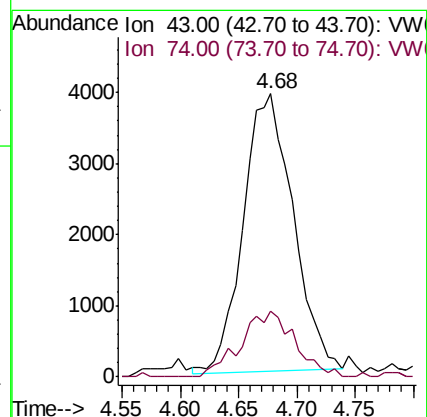
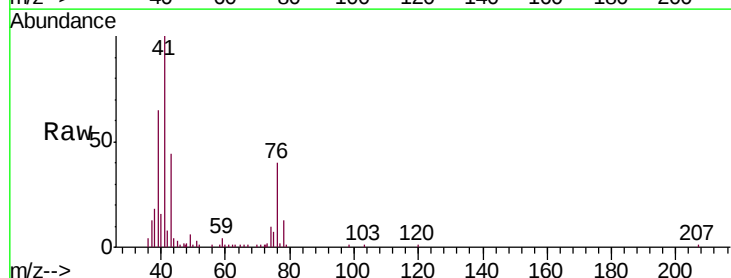
Instrument :
MSVOA_W
ClientSampleId :
VW0114SBS01

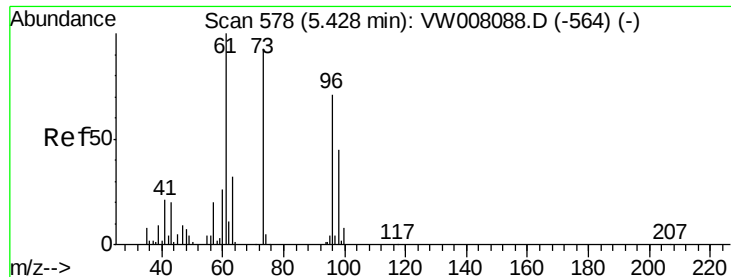
Tgt Ion: 76 Resp: 65602
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 15.740 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Tgt Ion: 43 Resp: 11632
Ion Ratio Lower Upper
43 100
74 25.7 19.0 28.4

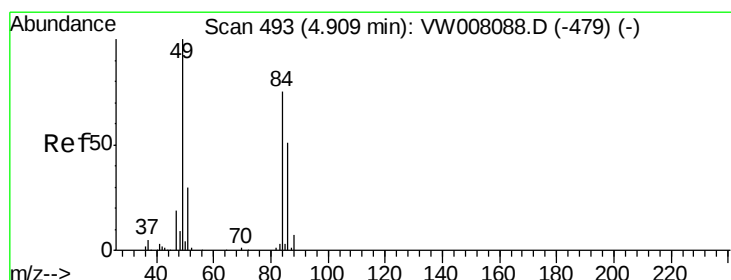
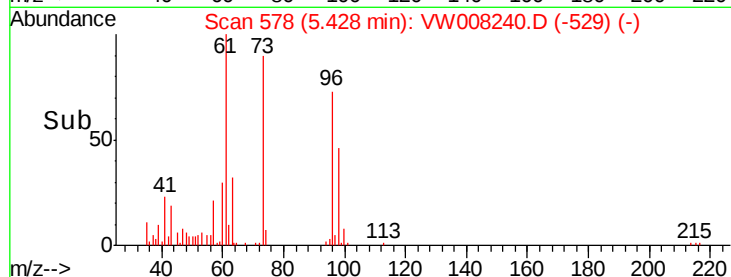
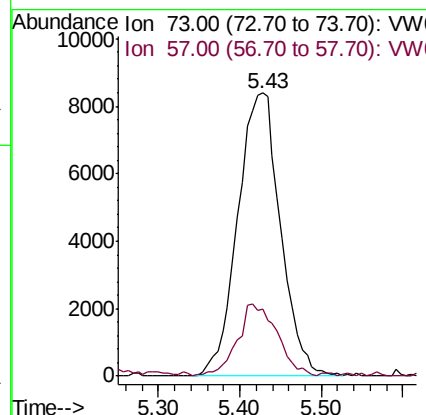
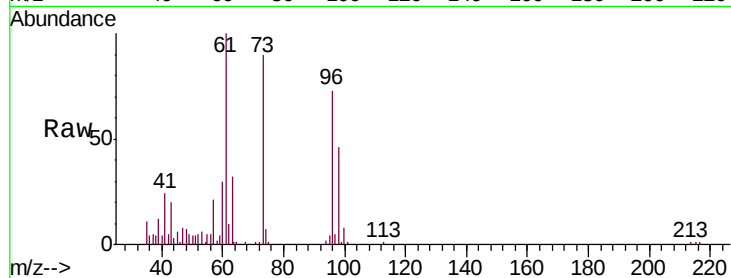




#19
Methyl tert-butyl Ether
Concen: 16.508 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

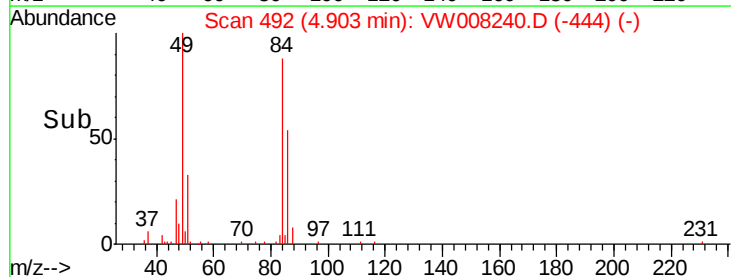
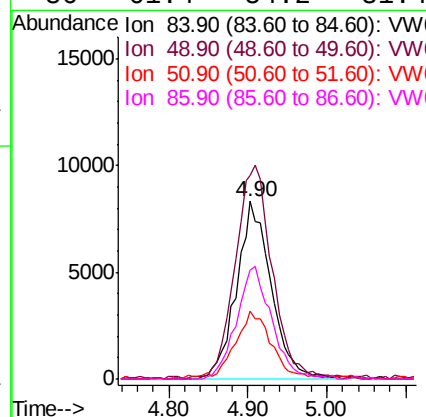
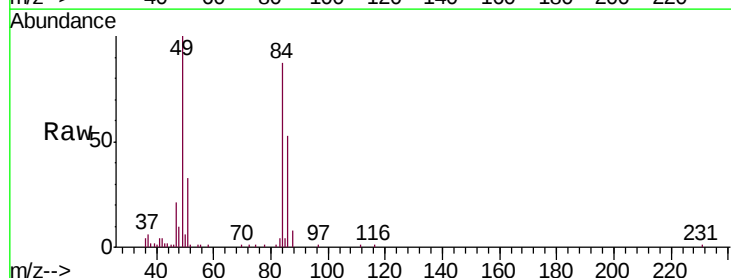
Instrument :
MSVOA_W
ClientSampleId :
VW0114SBS01

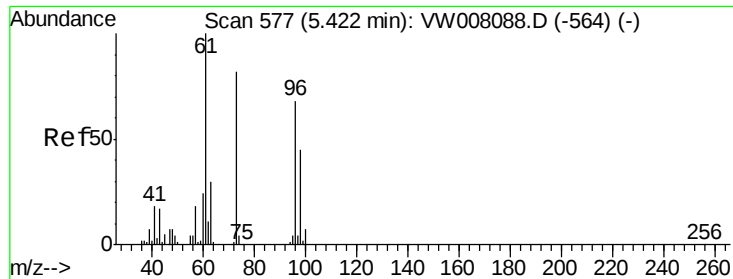
Tgt Ion: 73 Resp: 30574
Ion Ratio Lower Upper
73 100
57 23.7 16.7 25.1



#20
Methylene Chloride
Concen: 19.238 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Tgt Ion: 84 Resp: 25552
Ion Ratio Lower Upper
84 100
49 113.7 107.1 160.7
51 36.3 32.4 48.6
86 61.4 54.2 81.4





#21

trans-1,2-Dichloroethene

Concen: 19.579 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBS01

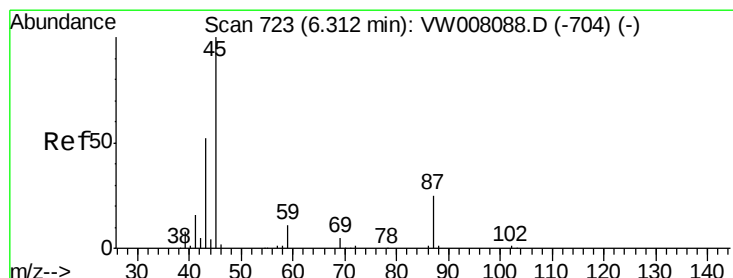
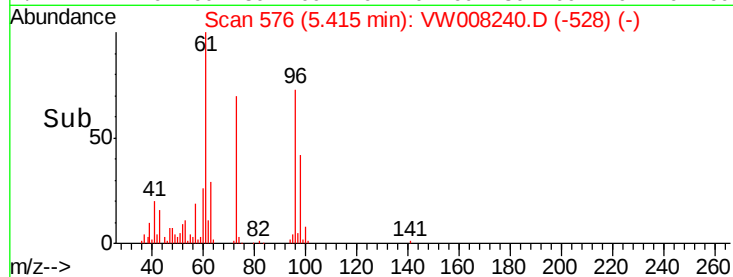
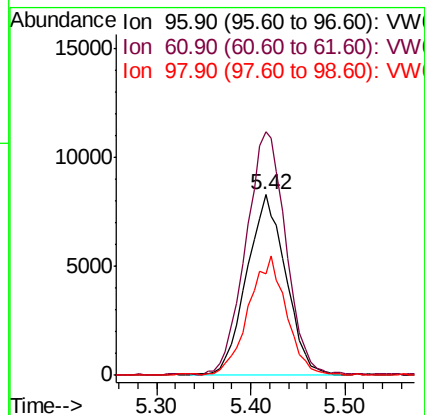
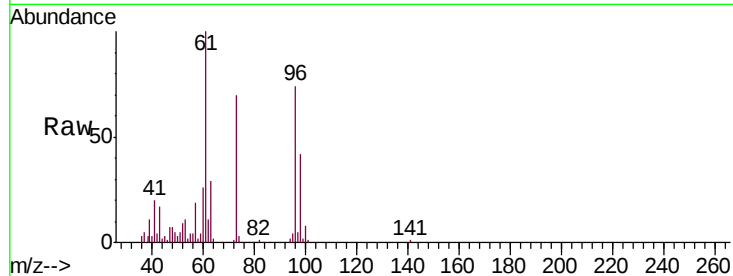
Tgt Ion: 96 Resp: 24240

Ion Ratio Lower Upper

96 100

61 134.3 117.4 176.0

98 55.4 52.2 78.4



#22

Diisopropyl ether

Concen: 18.156 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Tgt Ion: 45 Resp: 71622

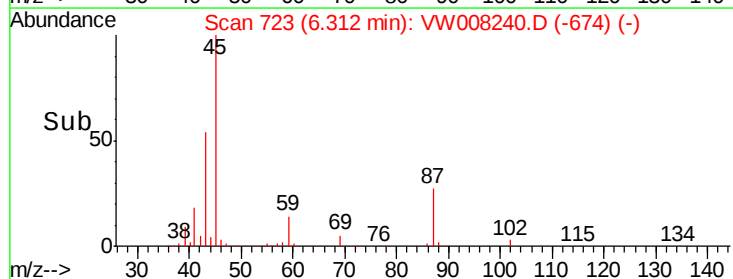
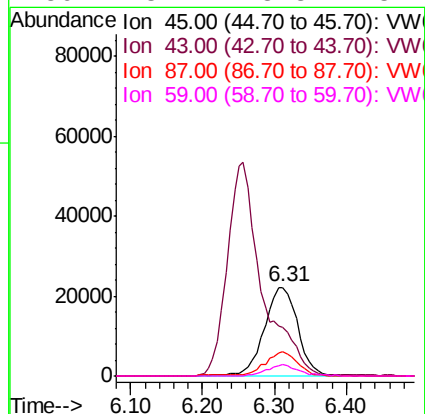
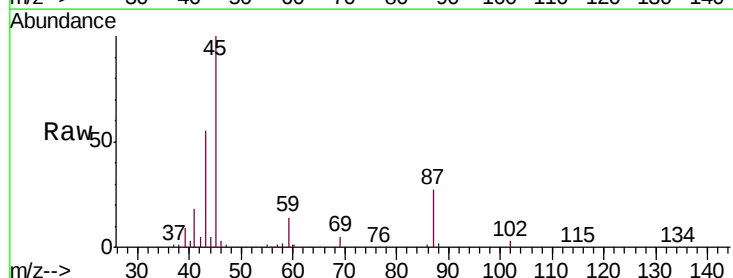
Ion Ratio Lower Upper

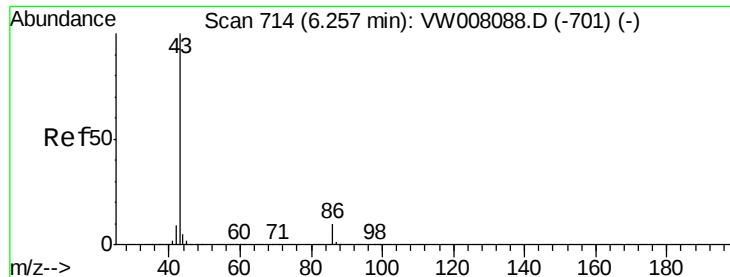
45 100

43 54.7 41.7 62.5

87 27.5 20.1 30.1

59 13.7 8.8 13.2#





#23

Vinyl Acetate

Concen: 86.917 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

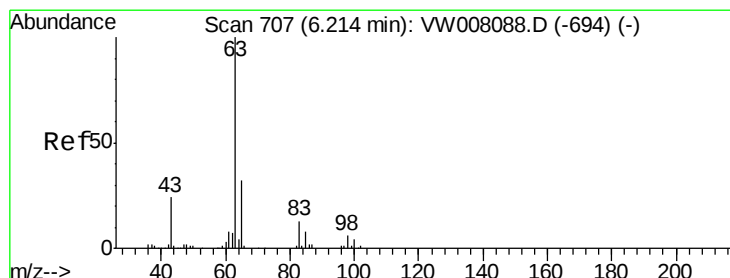
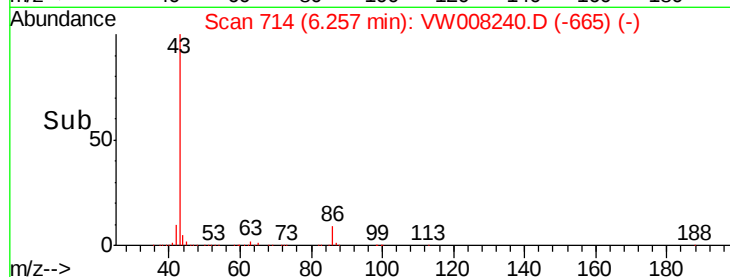
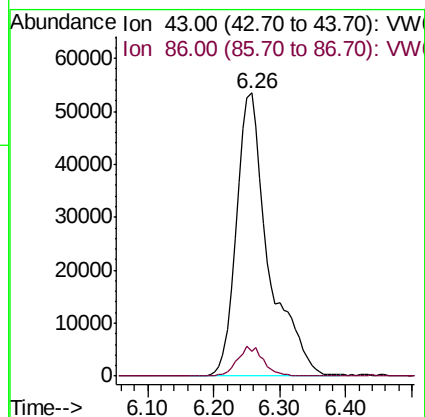
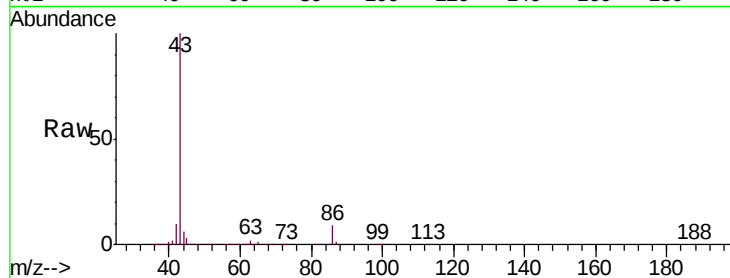
VW0114SBS01

Tgt Ion: 43 Resp: 180079

Ion Ratio Lower Upper

43 100

86 8.9 7.7 11.5



#24

1,1-Dichloroethane

Concen: 18.919 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

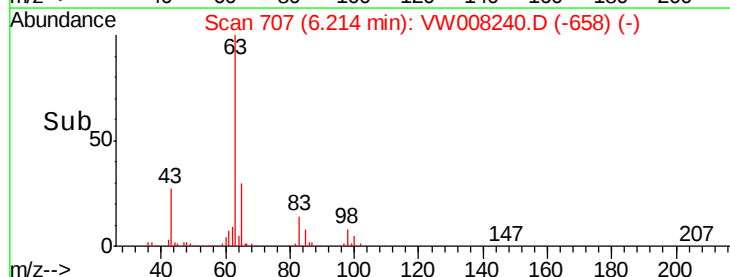
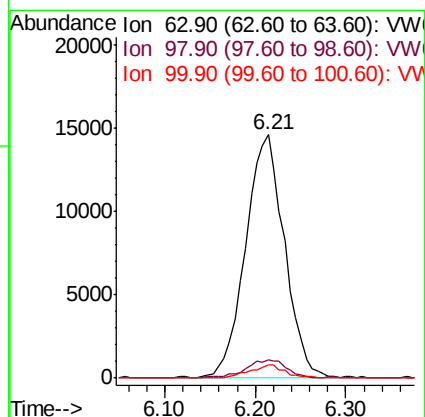
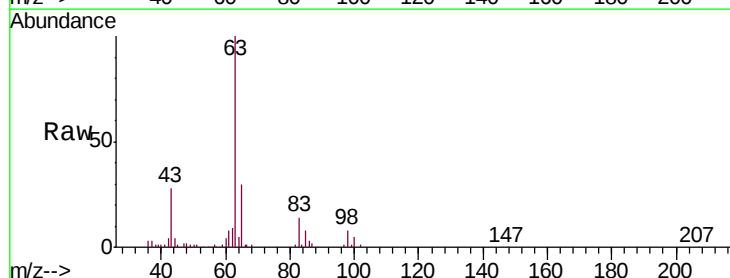
Tgt Ion: 63 Resp: 43486

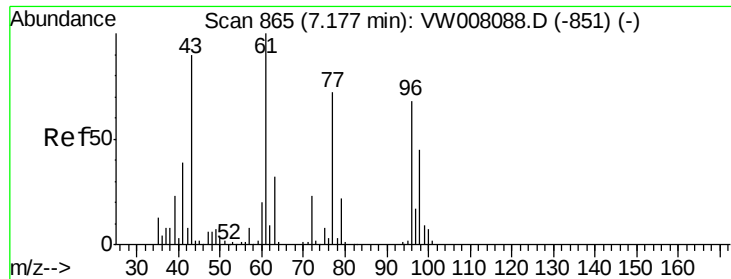
Ion Ratio Lower Upper

63 100

98 7.6 3.2 9.6

100 5.4 2.0 6.0





#25

2-Butanone

Concen: 90.158 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

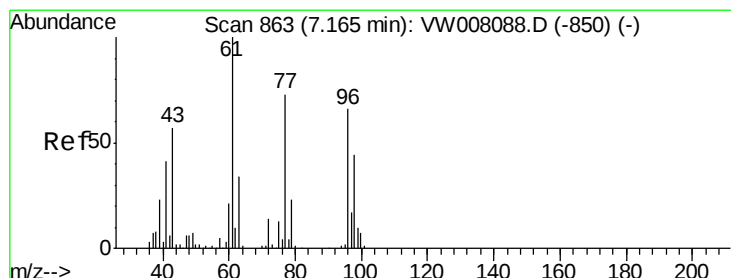
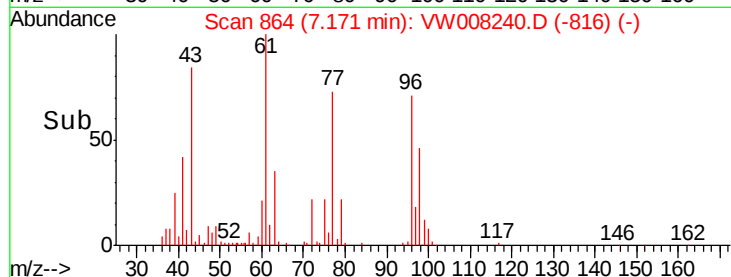
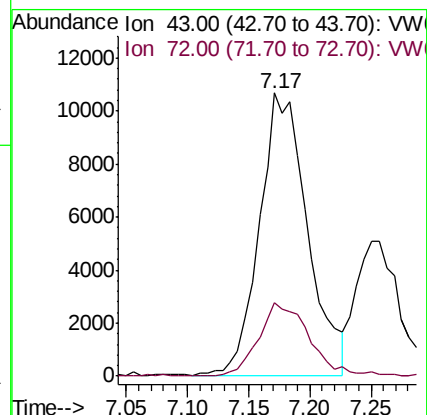
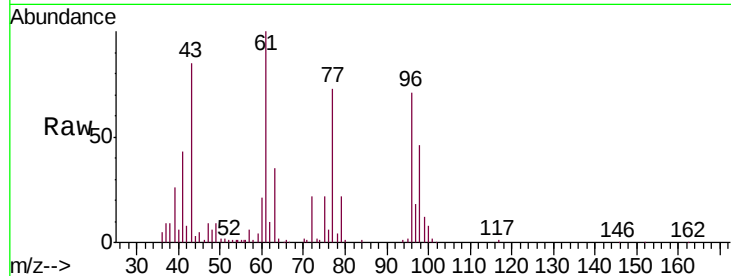
VW0114SBS01

Tgt Ion: 43 Resp: 29330

Ion Ratio Lower Upper

43 100

72 25.8 20.5 30.7



#26

2,2-Dichloropropane

Concen: 18.965 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW008240.D

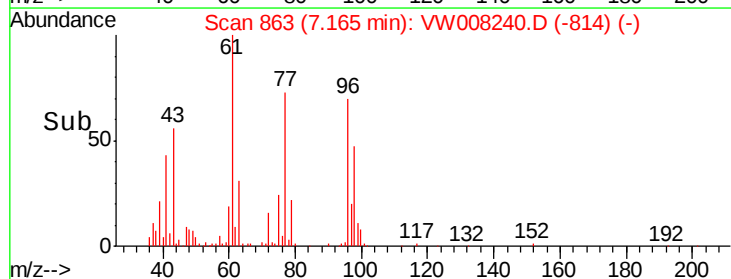
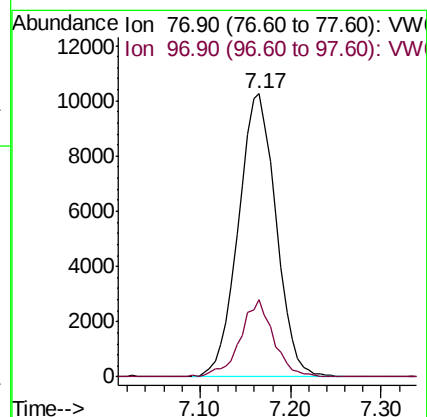
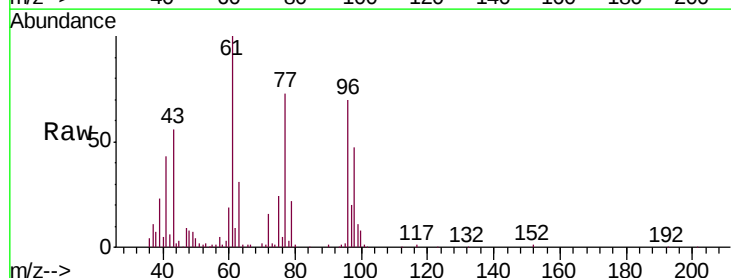
Acq: 14 Jan 2019 12:12

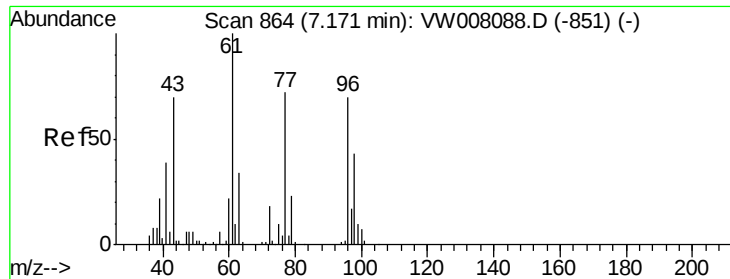
Tgt Ion: 77 Resp: 29537

Ion Ratio Lower Upper

77 100

97 24.0 11.4 34.1



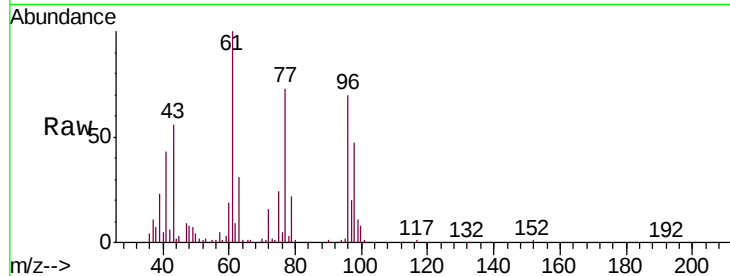


#27

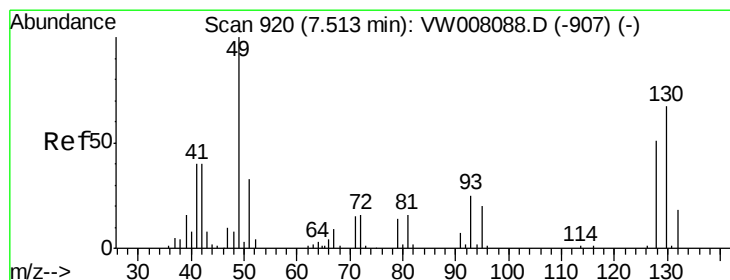
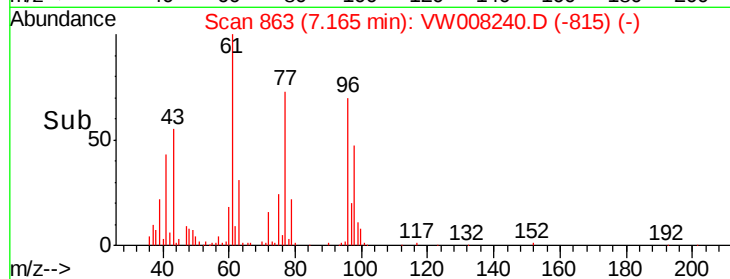
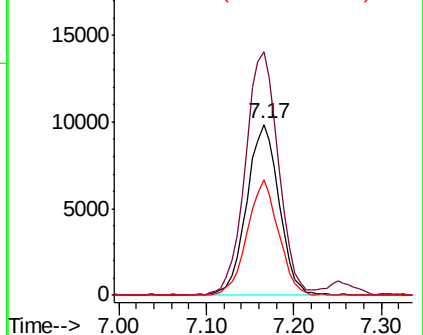
cis-1,2-Dichloroethene
 Concen: 18.837 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW008240.D
 Acq: 14 Jan 2019 12:12

Instrument :
 MSVOA_W
 ClientSampled :
 VW0114SBS01

Tgt Ion: 96 Resp: 25444
 Ion Ratio Lower Upper
 96 100
 61 145.2 0.0 300.4
 98 64.9 0.0 128.4



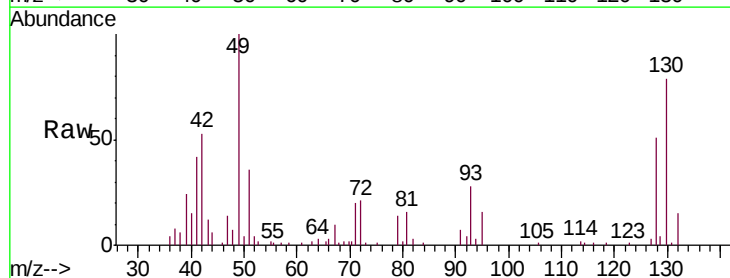
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



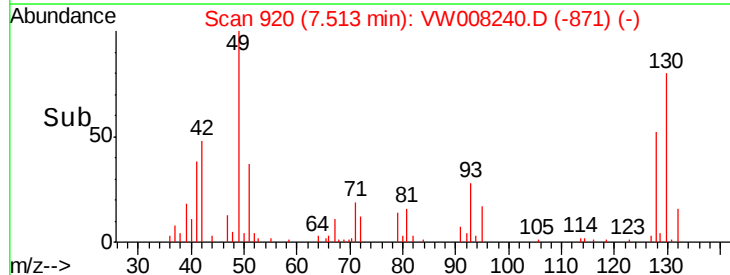
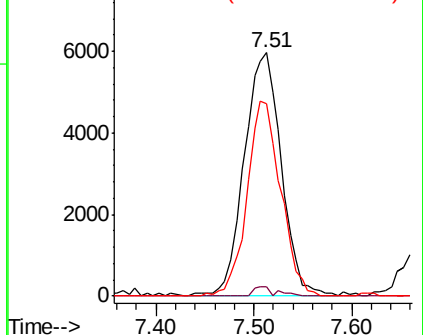
#28

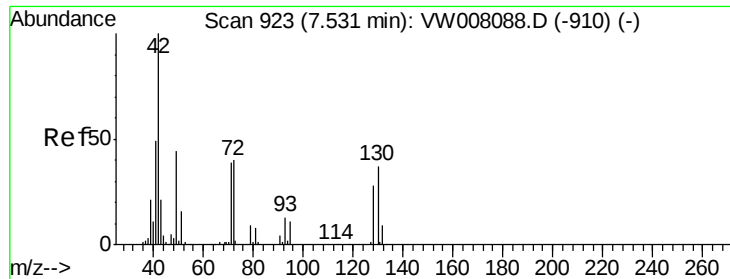
Bromochloromethane
 Concen: 17.282 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW008240.D
 Acq: 14 Jan 2019 12:12

Tgt Ion: 49 Resp: 15712
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 2.8
 130 72.7 54.3 81.5



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

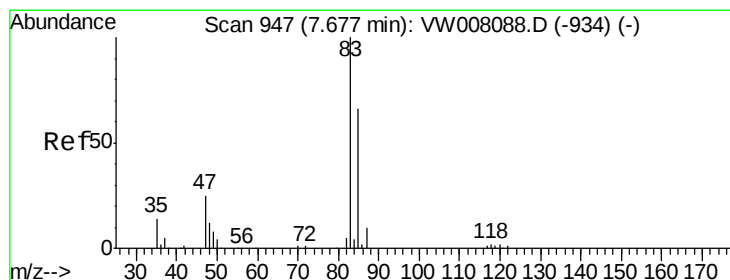
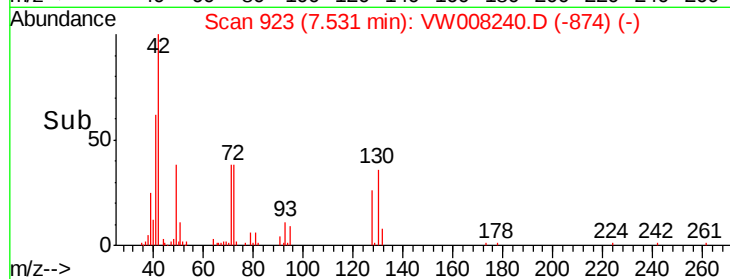
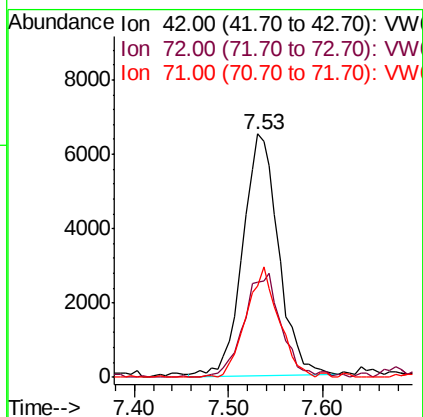
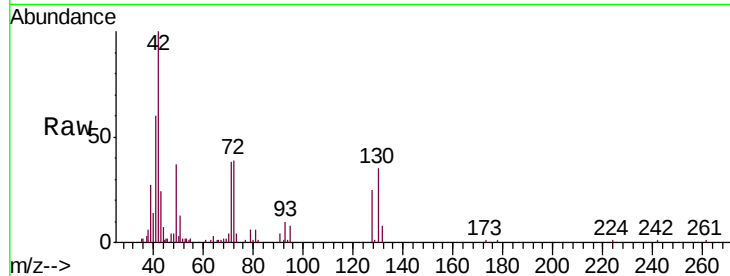




#29
Tetrahydrofuran
Concen: 80.158 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

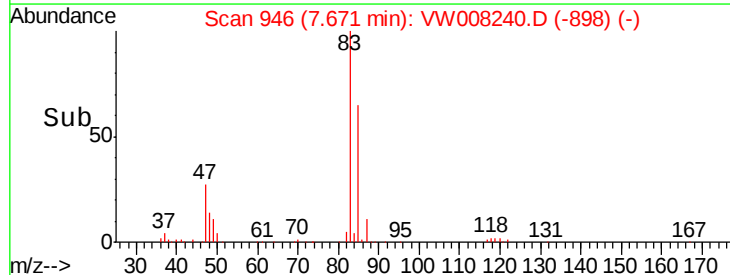
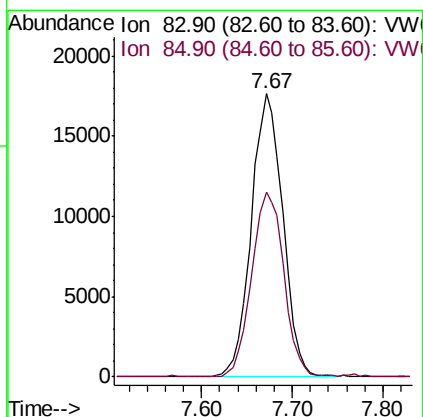
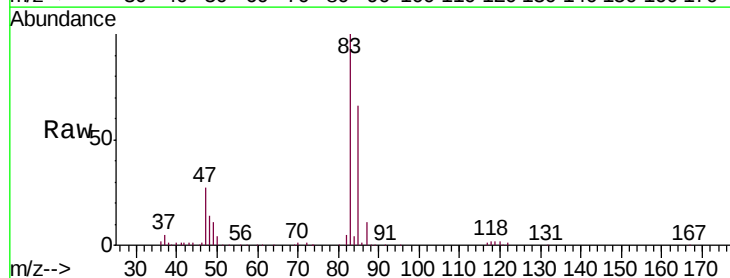
Instrument :
MSVOA_W
ClientSampleId :
VW0114SBS01

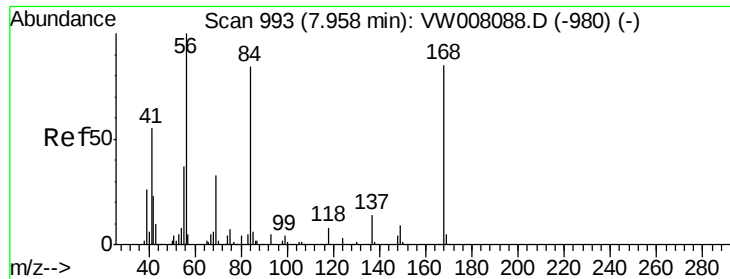
Tgt Ion: 42 Resp: 17419
Ion Ratio Lower Upper
42 100
72 45.0 32.4 48.6
71 41.6 31.3 46.9



#30
Chloroform
Concen: 19.359 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Tgt Ion: 83 Resp: 42355
Ion Ratio Lower Upper
83 100
85 65.5 53.2 79.8

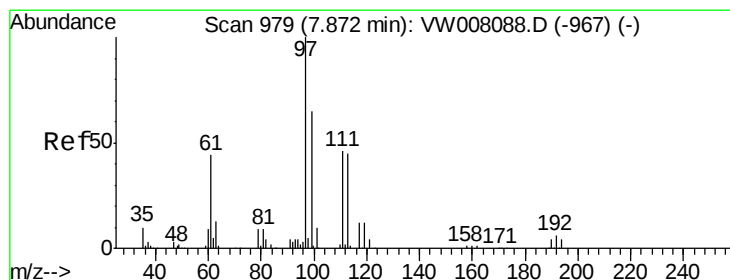
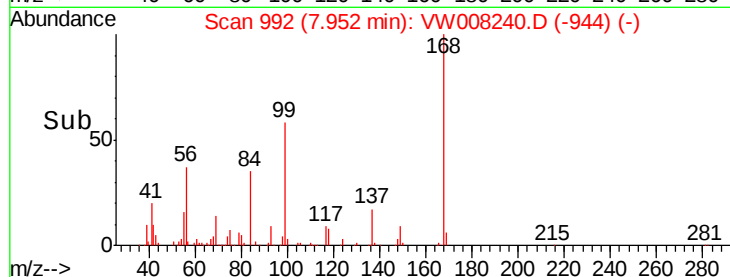
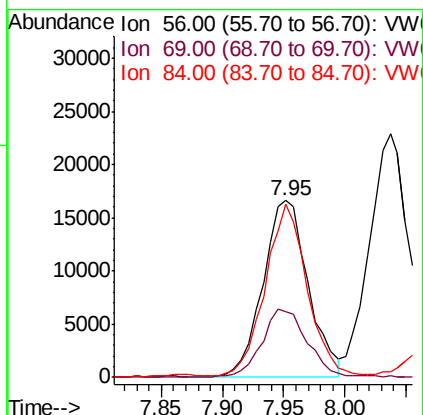
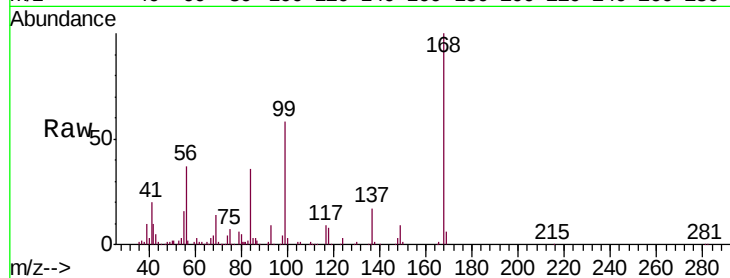




#31
Cyclohexane
Concen: 17.453 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

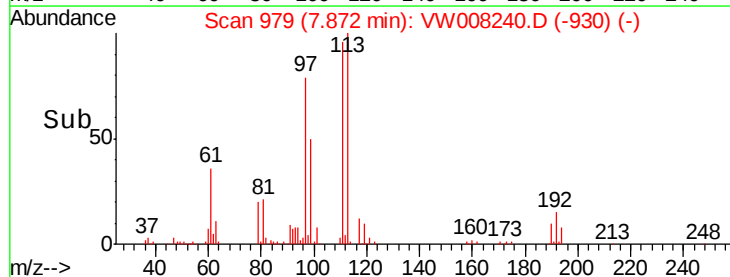
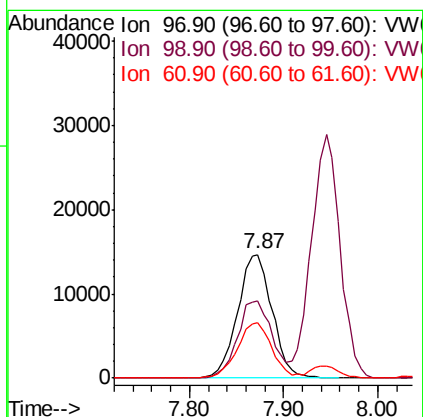
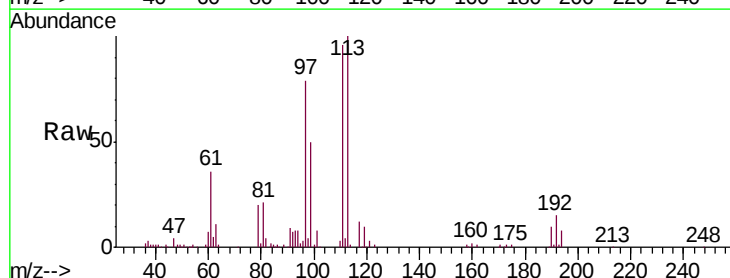
Instrument :
MSVOA_W
ClientSampled :
VW0114SBS01

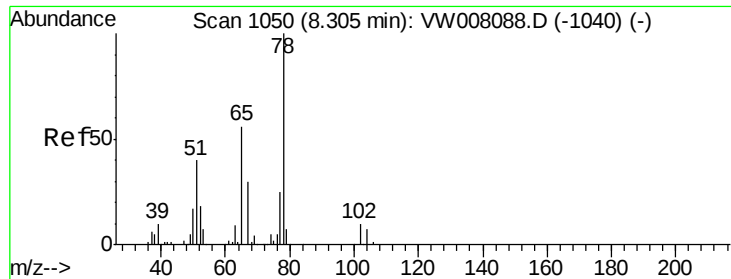
Tgt Ion: 56 Resp: 42945
Ion Ratio Lower Upper
56 100
69 37.3 26.2 39.4
84 95.1 67.4 101.2



#32
1,1,1-Trichloroethane
Concen: 19.569 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Tgt Ion: 97 Resp: 37253
Ion Ratio Lower Upper
97 100
99 62.5 51.4 77.0
61 45.3 35.6 53.4





#33

1,2-Dichloroethane-d4

Concen: 41.660 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

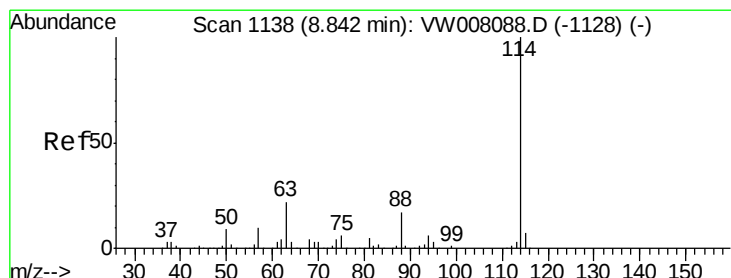
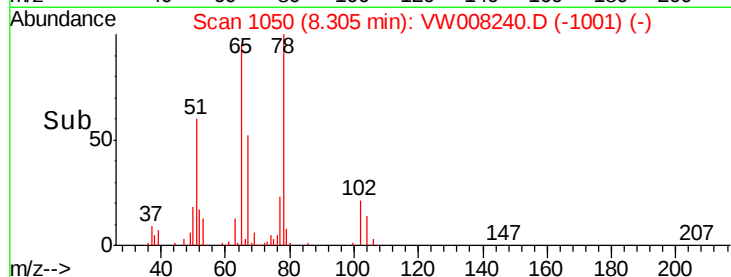
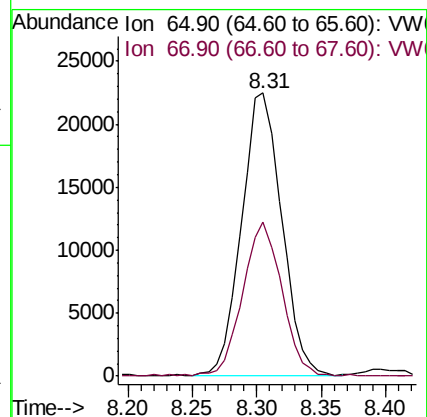
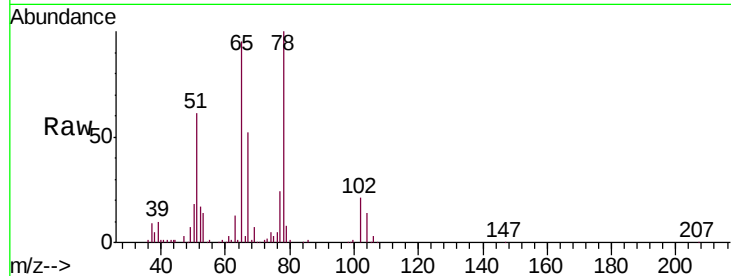
VW0114SBS01

Tgt Ion: 65 Resp: 48710

Ion Ratio Lower Upper

65 100

67 52.7 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

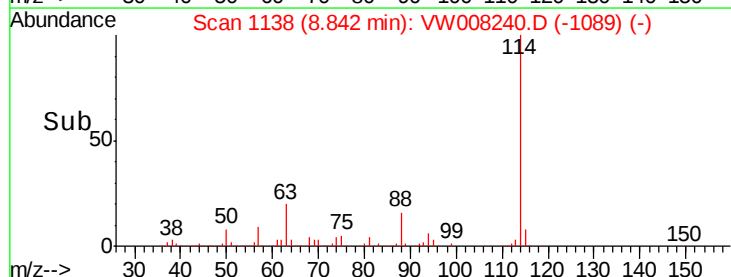
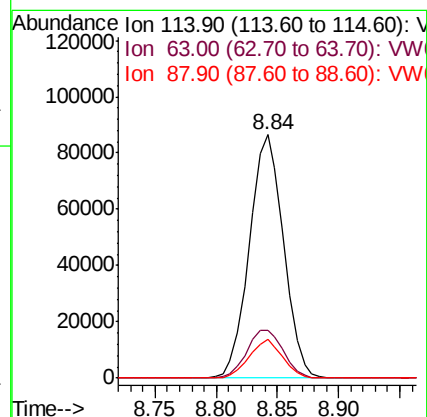
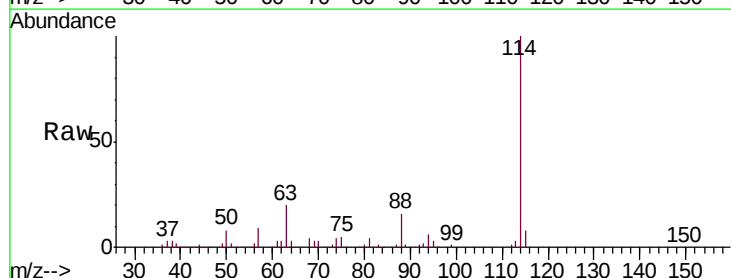
Tgt Ion: 114 Resp: 168114

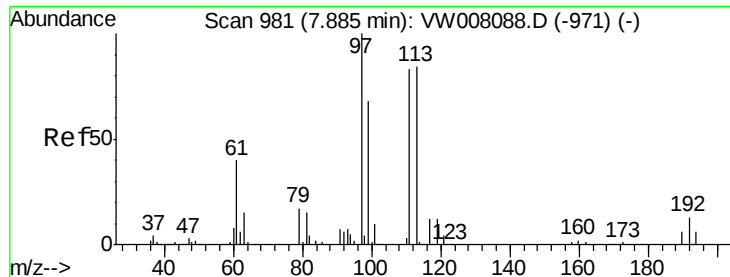
Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.4

88 16.1 0.0 33.4

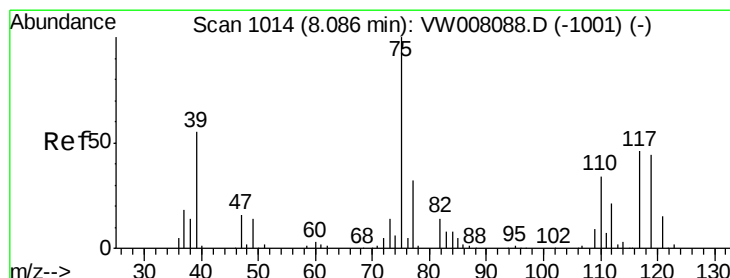
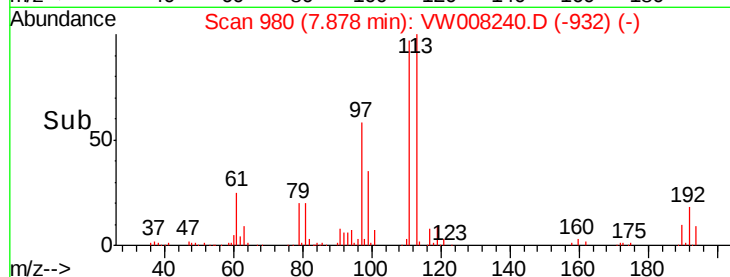
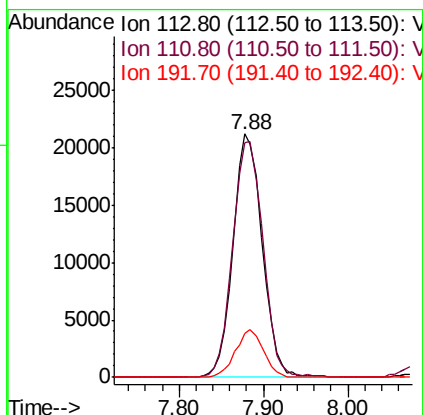
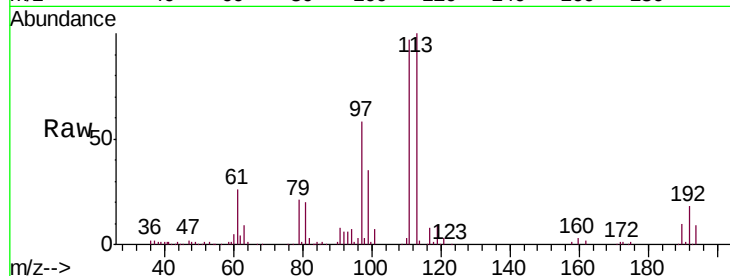




#35
 Dibromofluoromethane
 Concen: 50.634 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008240.D
 Acq: 14 Jan 2019 12:12

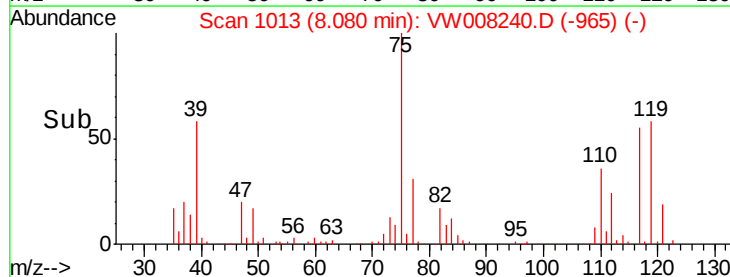
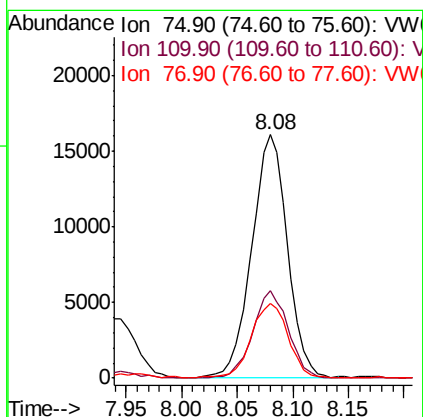
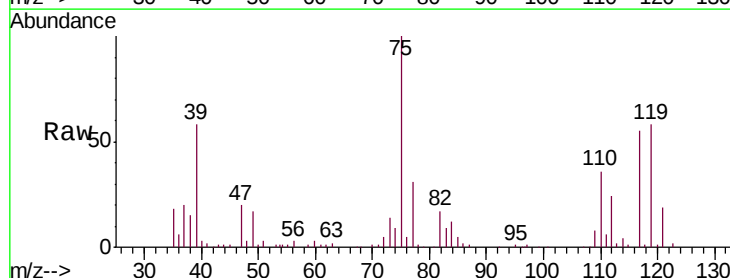
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBS01

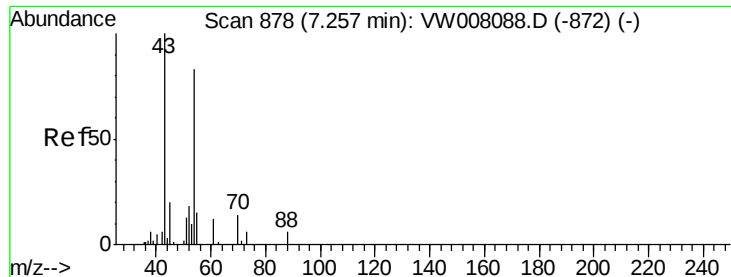
Tgt Ion: 113 Resp: 49647
 Ion Ratio Lower Upper
 113 100
 111 101.0 81.8 122.8
 192 18.6 12.8 19.2



#36
 1,1-Dichloropropene
 Concen: 20.817 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW008240.D
 Acq: 14 Jan 2019 12:12

Tgt Ion: 75 Resp: 36049
 Ion Ratio Lower Upper
 75 100
 110 35.6 17.1 51.3
 77 32.0 25.5 38.3

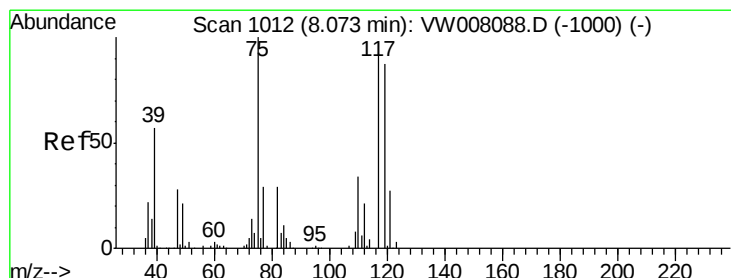
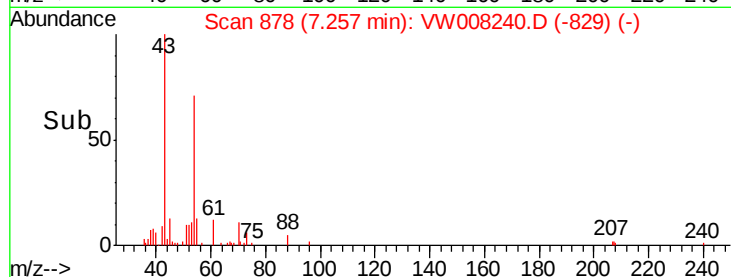
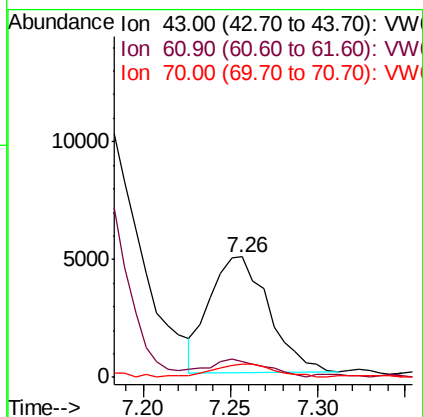
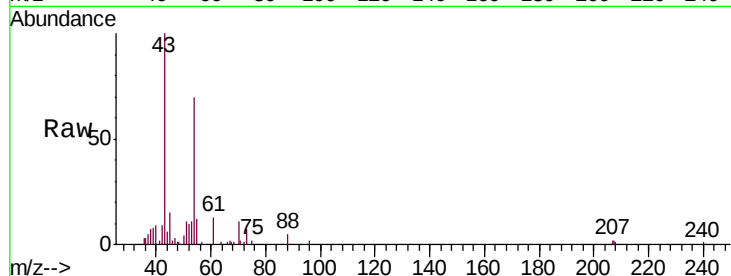




#37
 Ethyl Acetate
 Concen: 16.711 ug/l
 RT: 7.26 min Scan# 878
 Delta R.T. 0.00 min
 Lab File: VW008240.D
 Acq: 14 Jan 2019 12:12

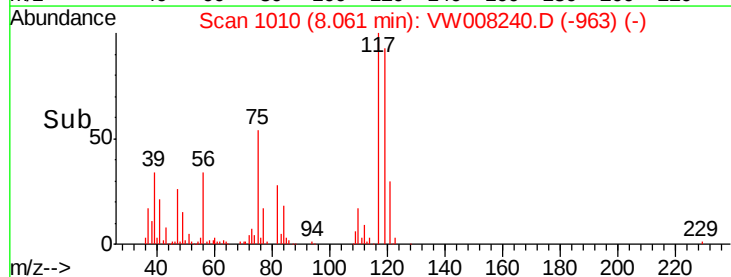
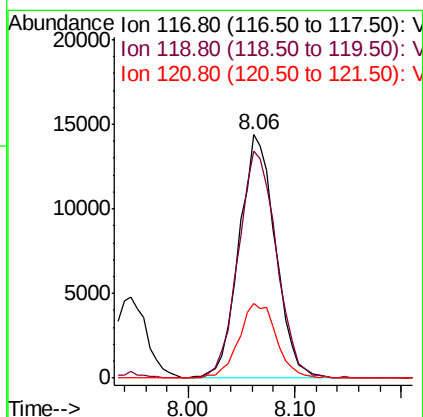
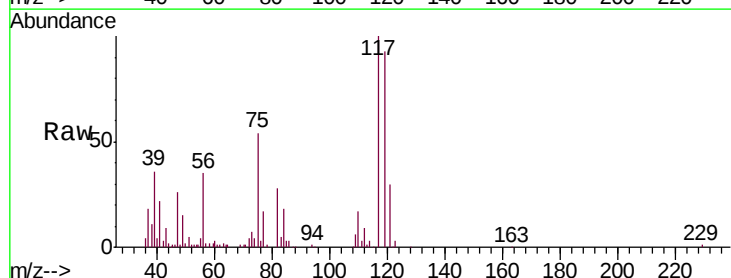
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBS01

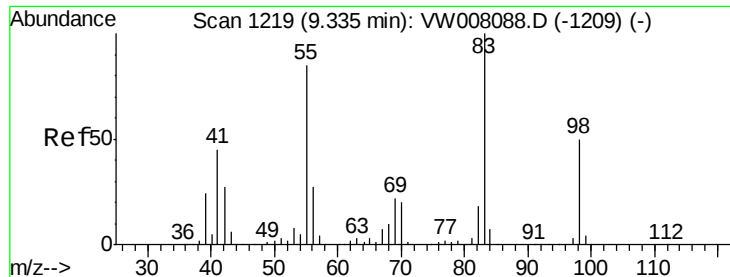
Tgt Ion: 43 Resp: 11594
 Ion Ratio Lower Upper
 43 100
 61 15.9 10.6 16.0
 70 12.3 8.9 13.3



#38
 Carbon Tetrachloride
 Concen: 21.779 ug/l
 RT: 8.06 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: VW008240.D
 Acq: 14 Jan 2019 12:12

Tgt Ion: 117 Resp: 34520
 Ion Ratio Lower Upper
 117 100
 119 93.1 75.8 113.8
 121 30.4 23.7 35.5

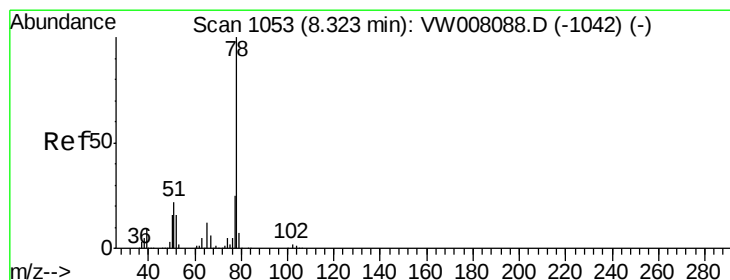
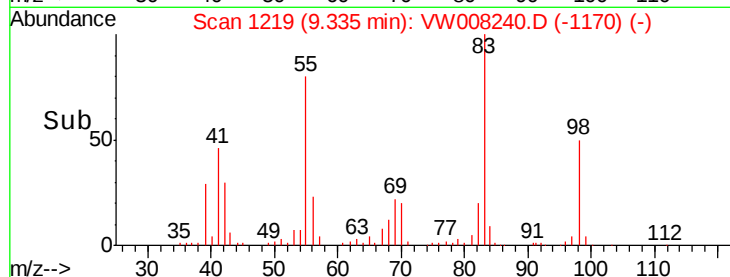
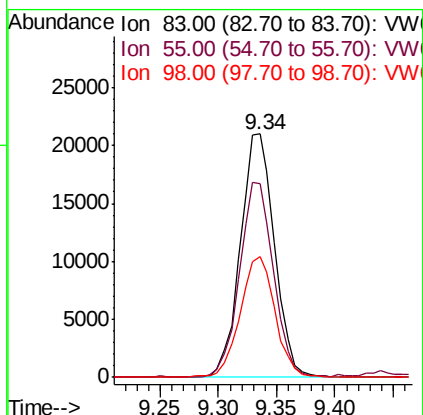
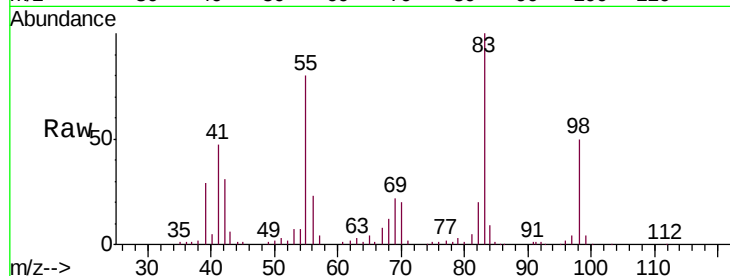




#39
Methylcyclohexane
Concen: 19.547 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

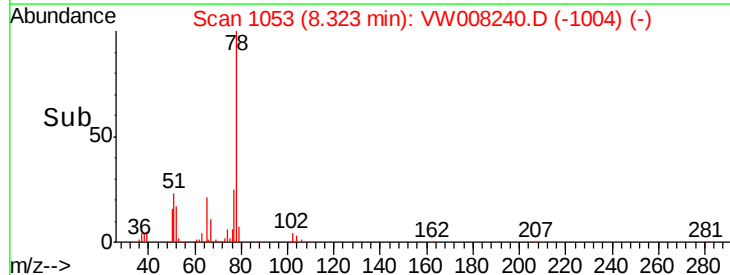
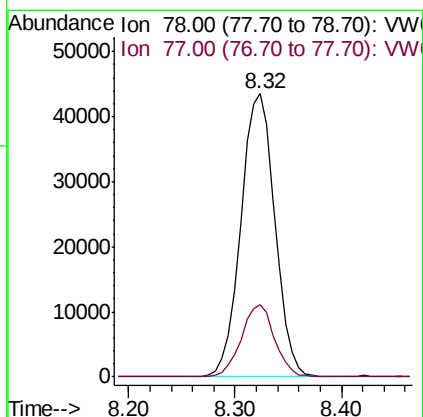
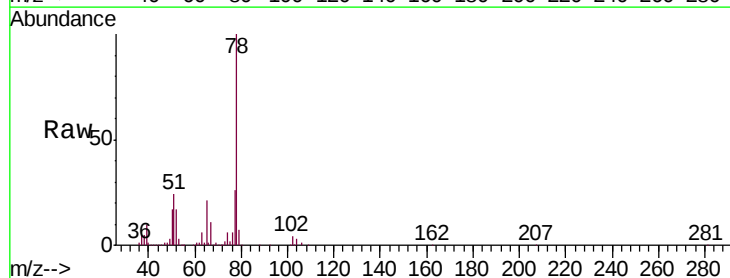
Instrument :
MSVOA_W
ClientSampleId :
VW0114SBS01

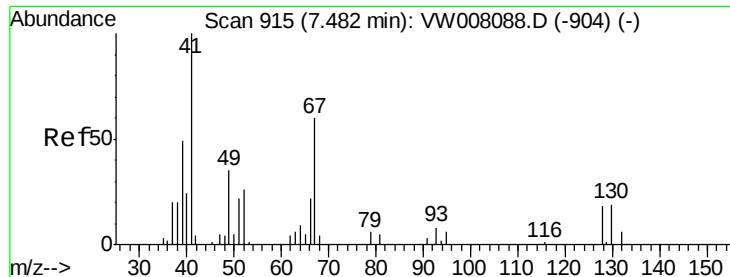
Tgt Ion: 83 Resp: 42921
Ion Ratio Lower Upper
83 100
55 79.2 67.8 101.6
98 49.8 40.2 60.4



#40
Benzene
Concen: 20.769 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Tgt Ion: 78 Resp: 97554
Ion Ratio Lower Upper
78 100
77 25.5 20.2 30.4





#41

Methacrylonitrile

Concen: 18.185 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBS01

Tgt Ion: 41 Resp: 7970

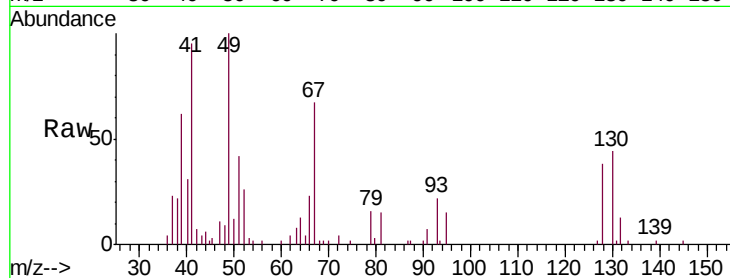
Ion Ratio Lower Upper

41 100

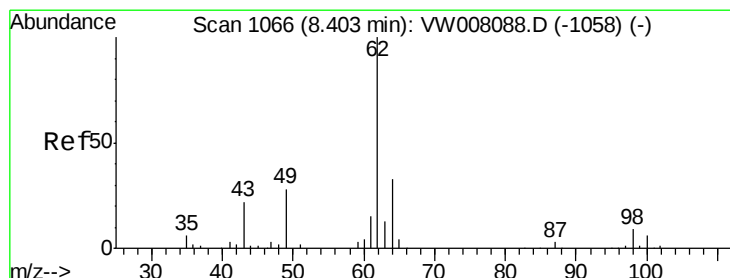
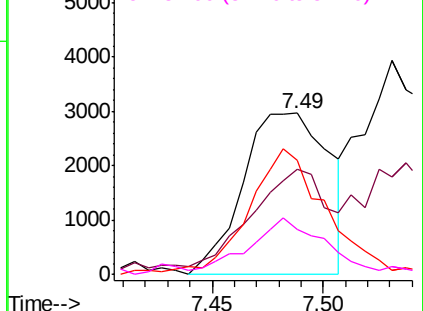
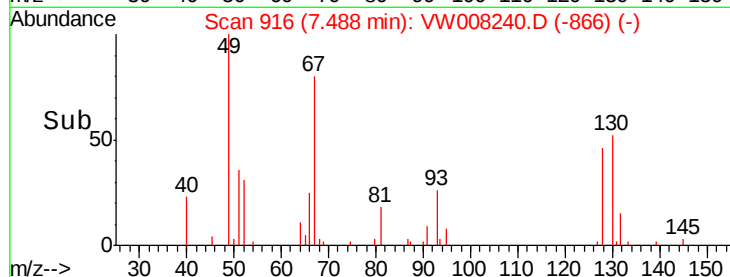
39 54.0 47.9 71.9

67 70.9 56.3 84.5

52 26.3 24.5 36.7



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



#42

1,2-Dichloroethane

Concen: 19.694 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW008240.D

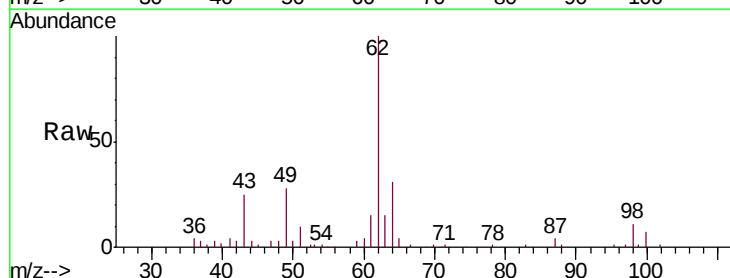
Acq: 14 Jan 2019 12:12

Tgt Ion: 62 Resp: 26017

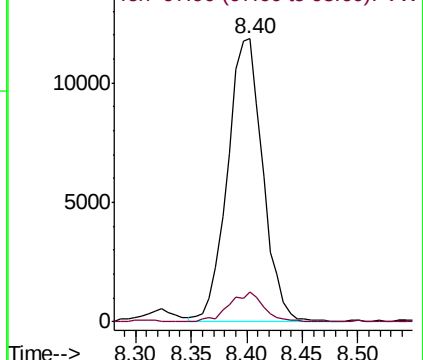
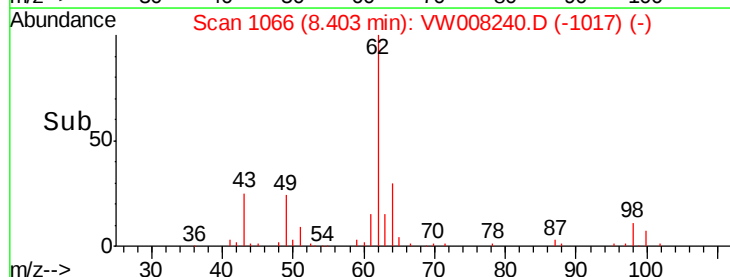
Ion Ratio Lower Upper

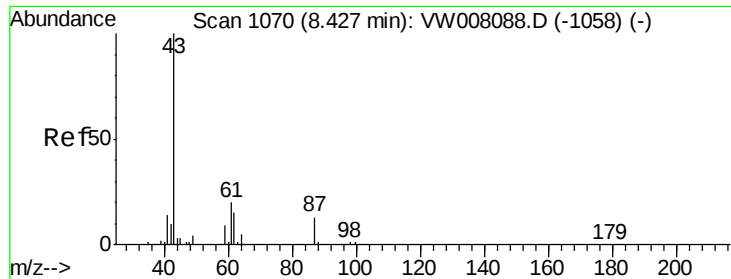
62 100

98 10.4 0.0 18.6



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





#43

Isopropyl Acetate

Concen: 17.572 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBS01

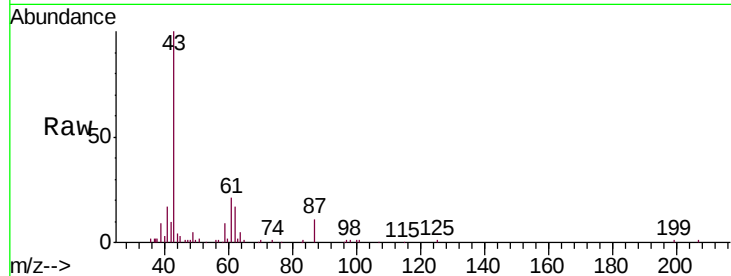
Tgt Ion: 43 Resp: 24375

Ion Ratio Lower Upper

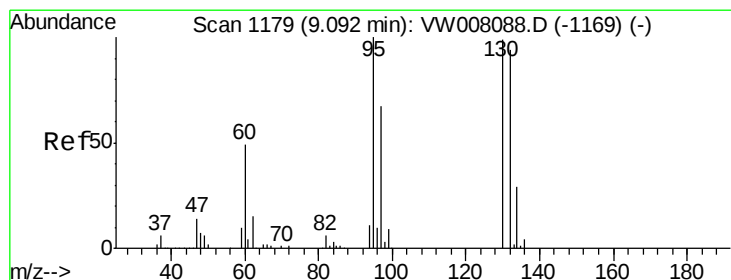
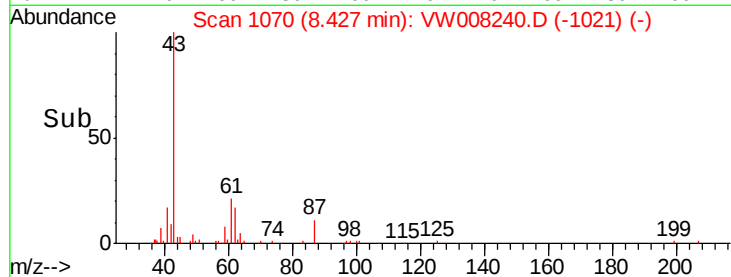
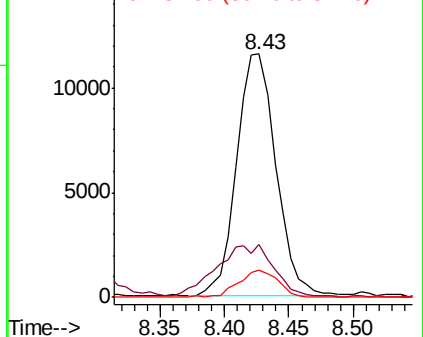
43 100

61 32.2 24.8 37.2

87 11.5 10.4 15.6



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: 22.294 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008240.D

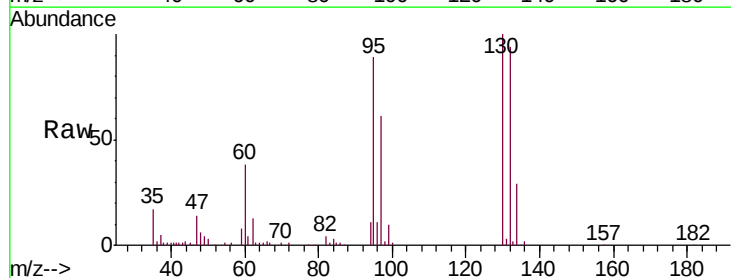
Acq: 14 Jan 2019 12:12

Tgt Ion: 130 Resp: 26805

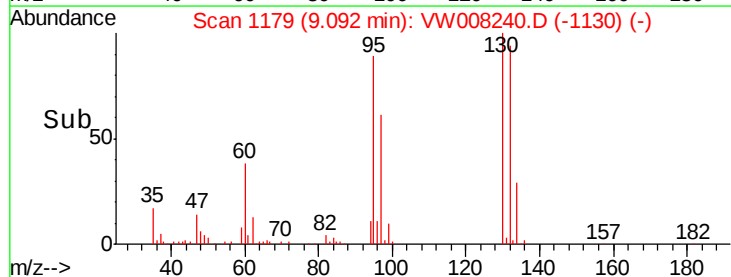
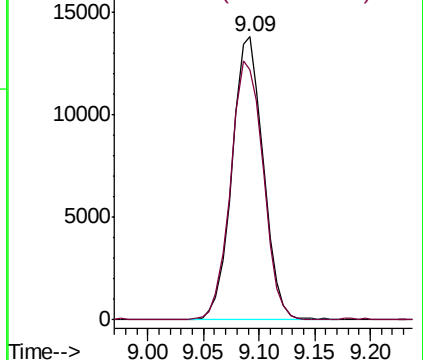
Ion Ratio Lower Upper

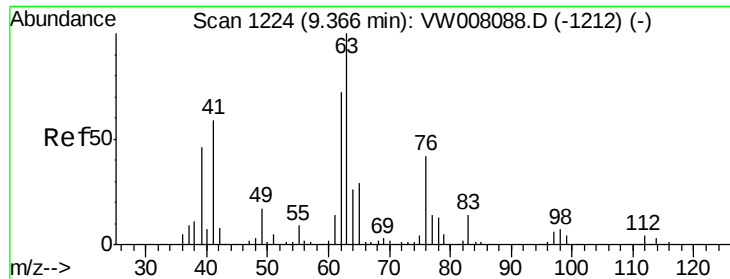
130 100

95 88.5 0.0 202.8



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

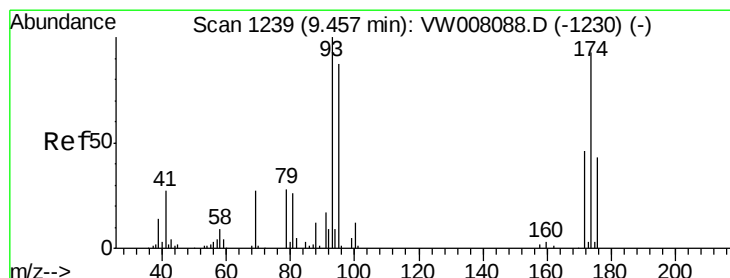
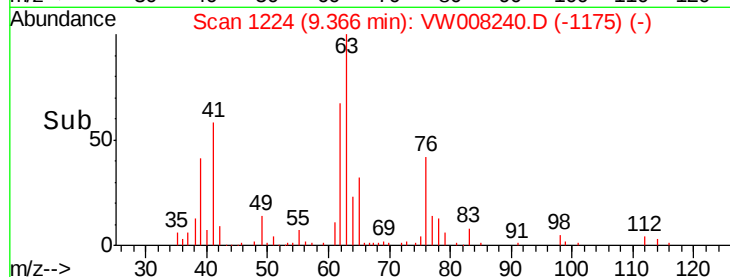
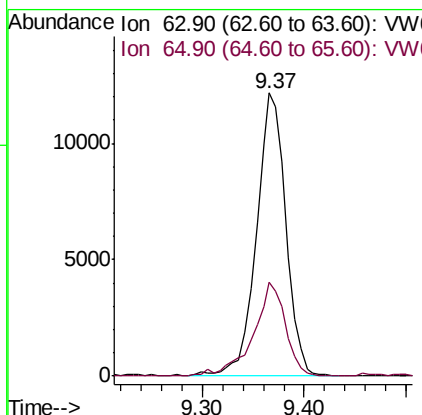
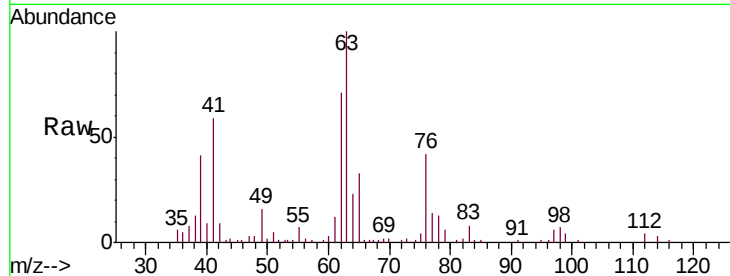




#45
 1,2-Dichloropropane
 Concen: 20.932 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW008240.D
 Acq: 14 Jan 2019 12:12

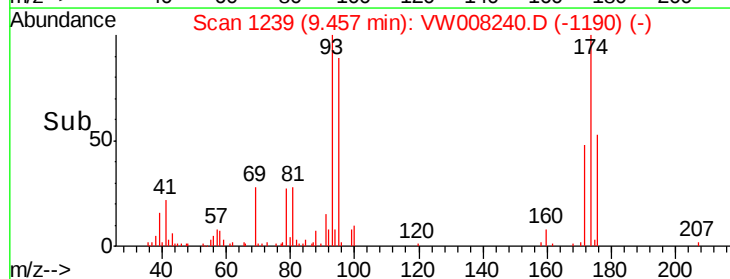
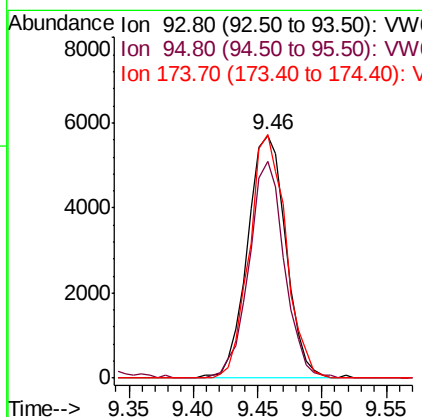
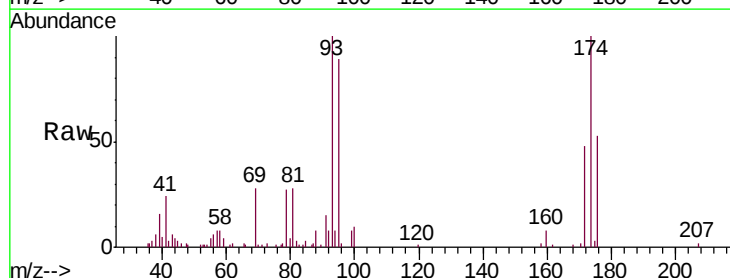
Instrument :
 MSVOA_W
 ClientSampled :
 VW0114SBS01

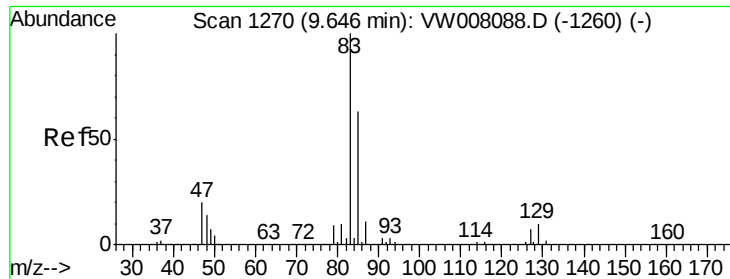
Tgt Ion: 63 Resp: 24378
 Ion Ratio Lower Upper
 63 100
 65 33.2 23.3 34.9



#46
 Dibromomethane
 Concen: 20.433 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW008240.D
 Acq: 14 Jan 2019 12:12

Tgt Ion: 93 Resp: 11687
 Ion Ratio Lower Upper
 93 100
 95 82.8 67.5 101.3
 174 95.7 72.5 108.7





#47

Bromodichloromethane

Concen: 21.470 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBS01

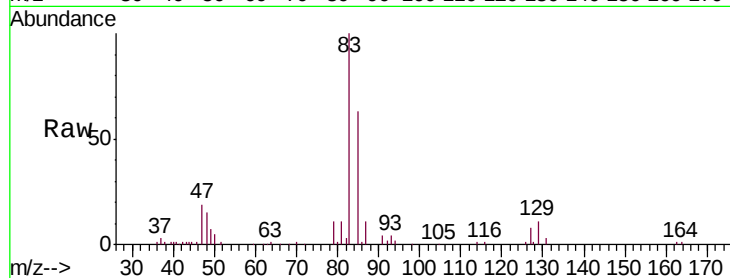
Tgt Ion: 83 Resp: 31181

Ion Ratio Lower Upper

83 100

85 63.4 50.7 76.1

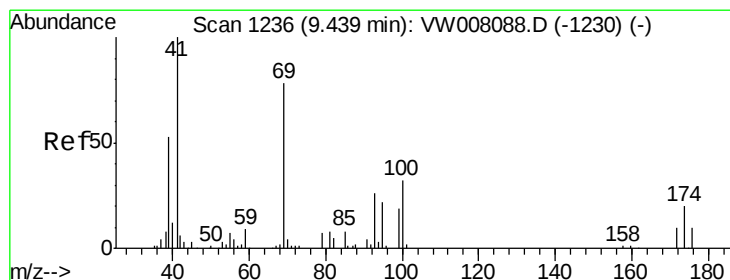
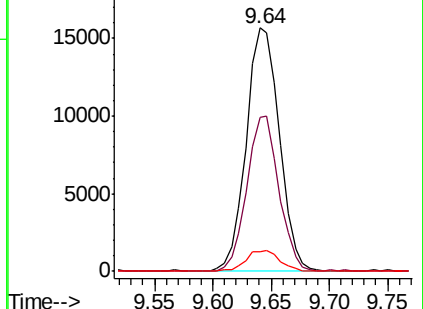
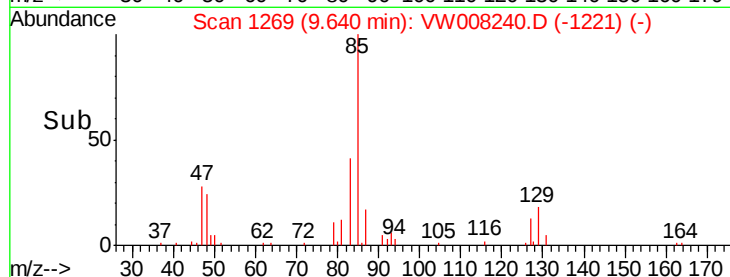
127 7.9 6.0 9.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 18.349 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

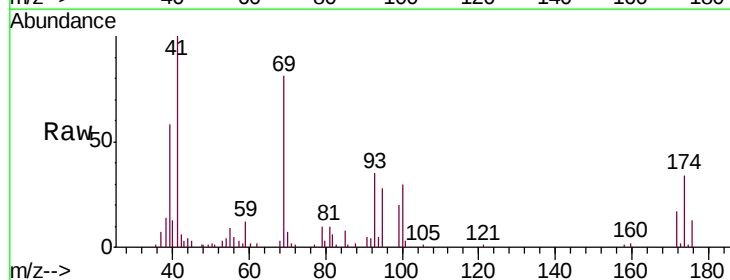
Tgt Ion: 41 Resp: 12010

Ion Ratio Lower Upper

41 100

69 83.1 61.9 92.9

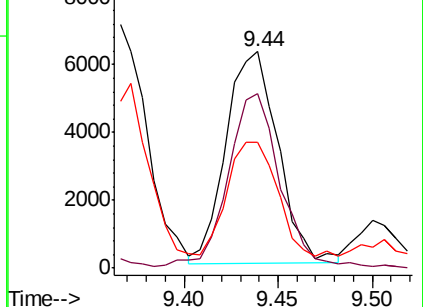
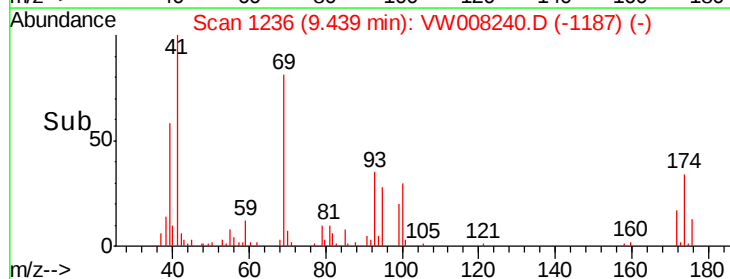
39 51.9 43.0 64.4

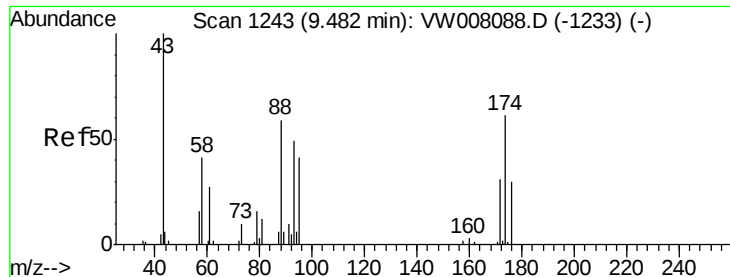


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

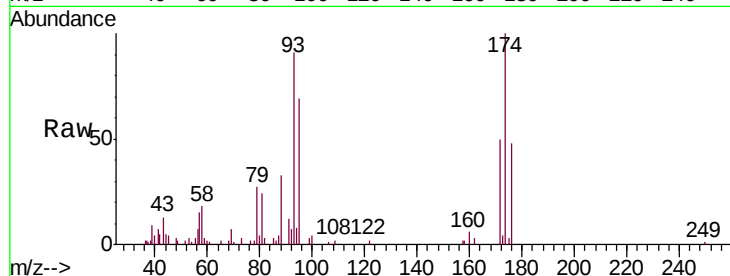




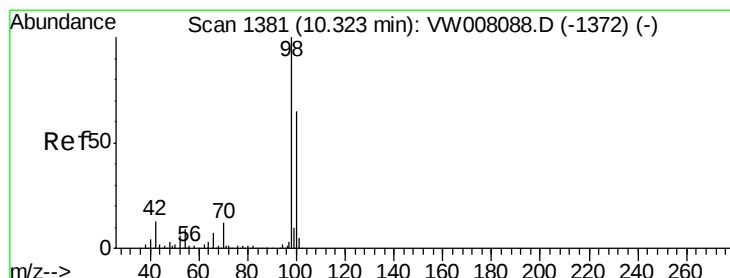
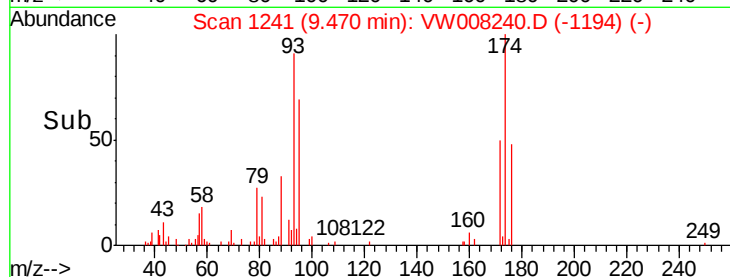
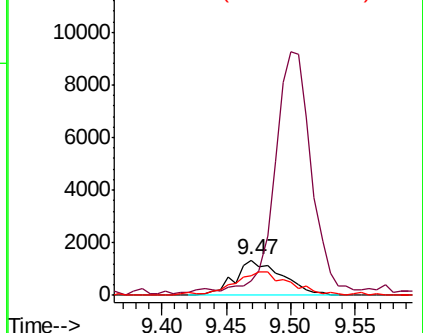
#49
1,4-Dioxane
Concen: 371.157 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBS01

Tgt Ion: 88 Resp: 3414
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 76.4 61.7 92.5

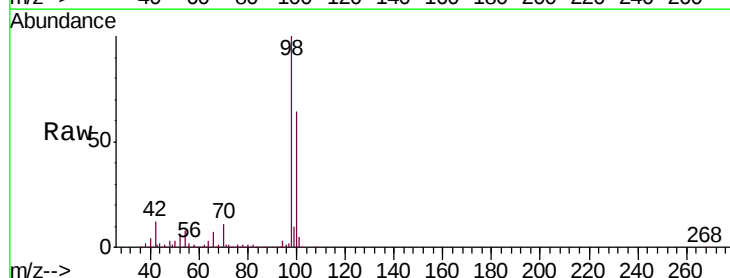


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

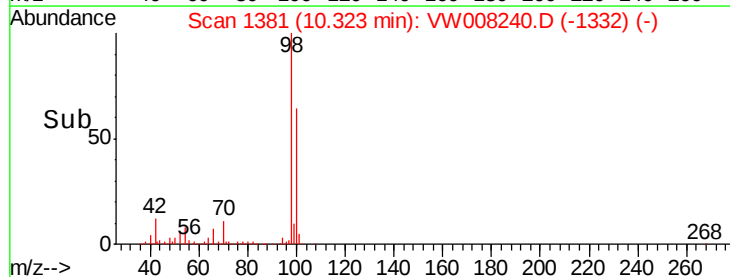
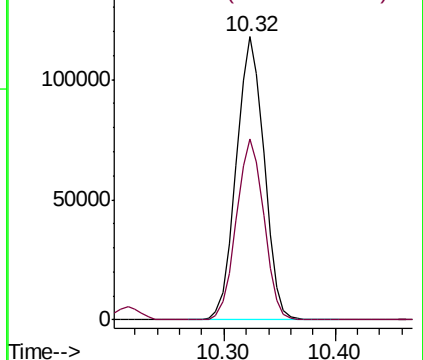


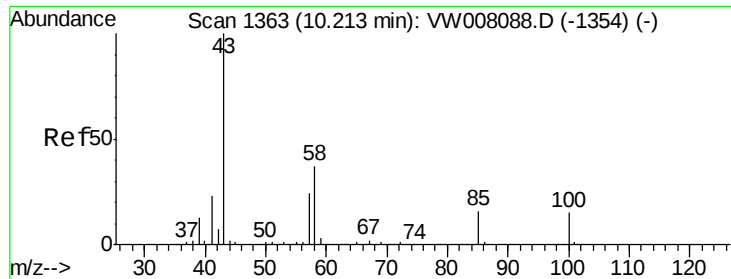
#50
Toluene-d8
Concen: 49.449 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Tgt Ion: 98 Resp: 203464
Ion Ratio Lower Upper
98 100
100 63.4 51.7 77.5



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

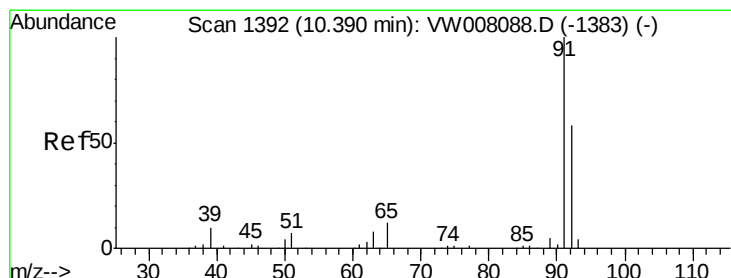
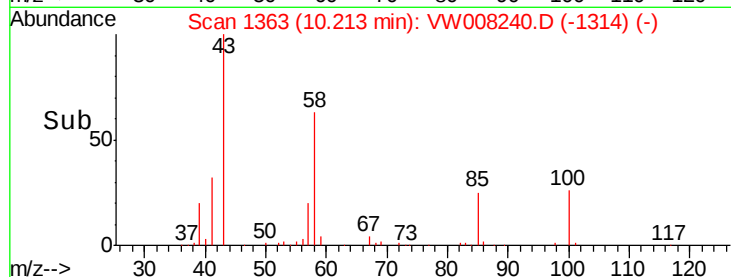
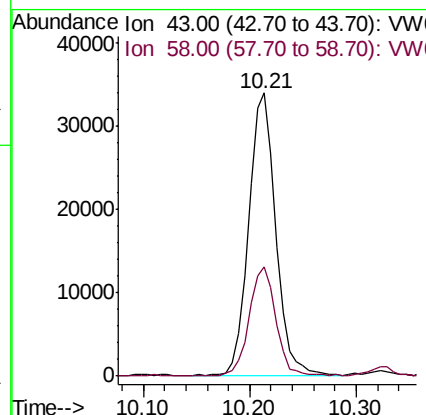
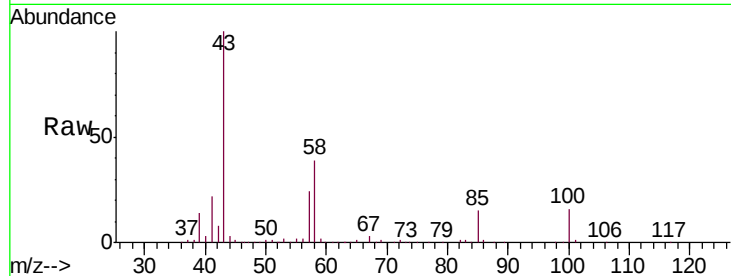




#51
 4-Methyl-2-Pentanone
 Concen: 89.514 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW008240.D
 Acq: 14 Jan 2019 12:12

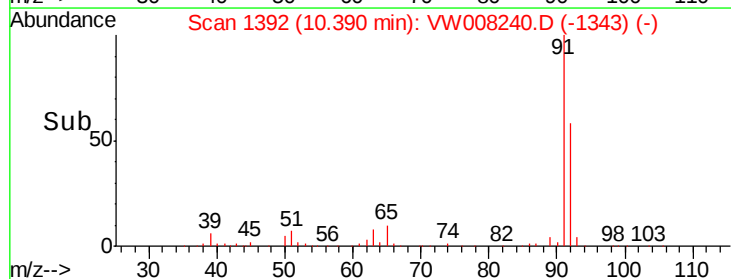
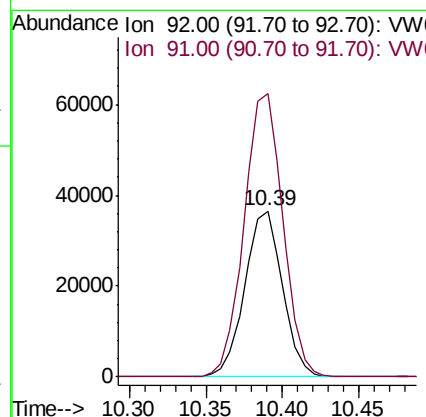
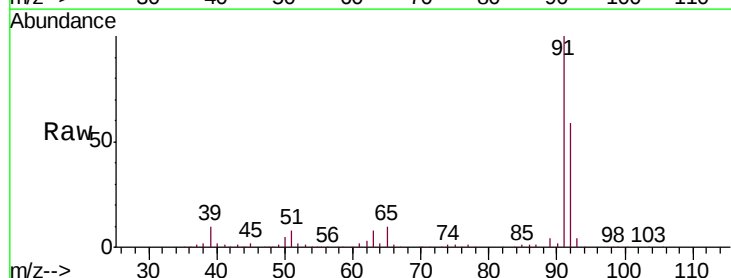
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBS01

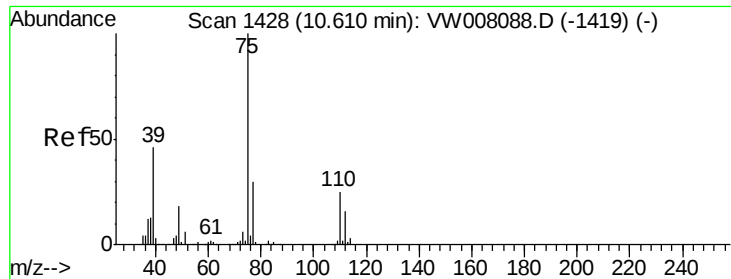
Tgt Ion: 43 Resp: 60105
 Ion Ratio Lower Upper
 43 100
 58 38.8 30.6 46.0



#52
 Toluene
 Concen: 20.854 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW008240.D
 Acq: 14 Jan 2019 12:12

Tgt Ion: 92 Resp: 62555
 Ion Ratio Lower Upper
 92 100
 91 176.1 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 19.544 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.01 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

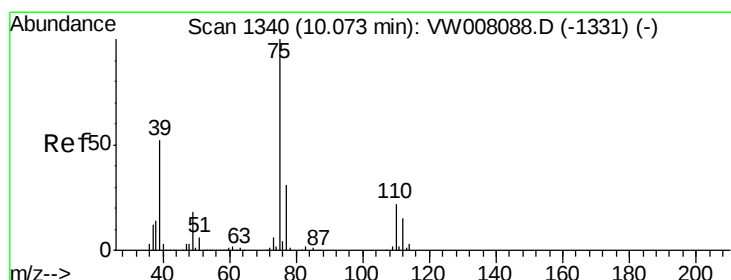
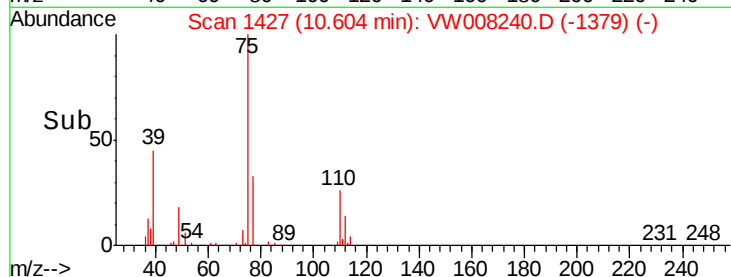
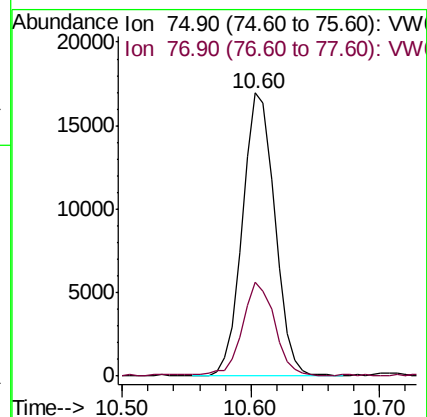
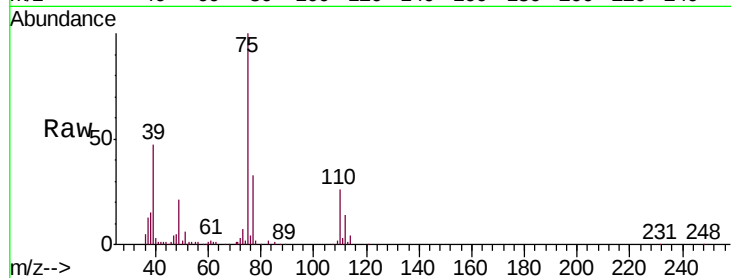
VW0114SBS01

Tgt Ion: 75 Resp: 29525

Ion Ratio Lower Upper

75 100

77 32.8 24.4 36.6



#54

cis-1,3-Dichloropropene

Concen: 19.642 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

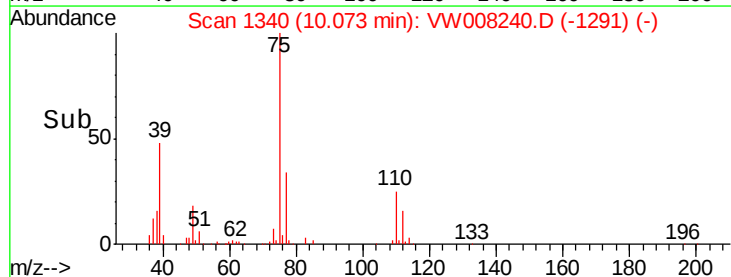
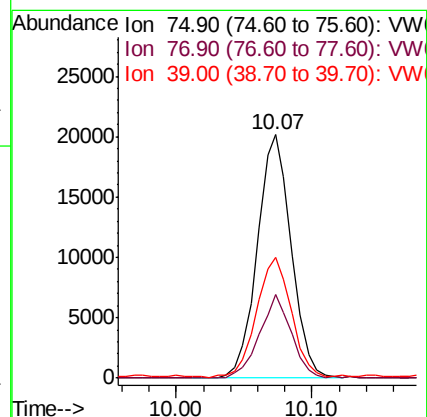
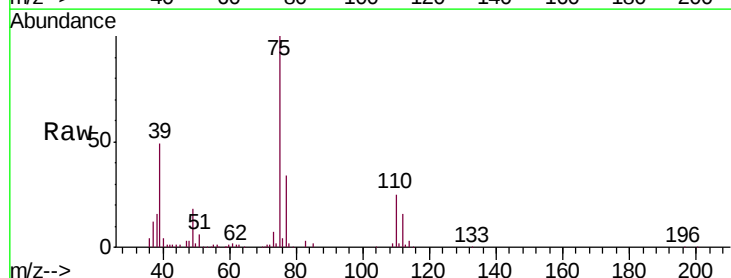
Tgt Ion: 75 Resp: 35187

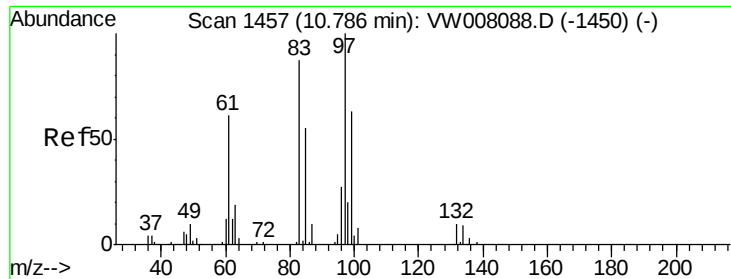
Ion Ratio Lower Upper

75 100

77 34.2 25.2 37.8

39 48.5 41.4 62.0

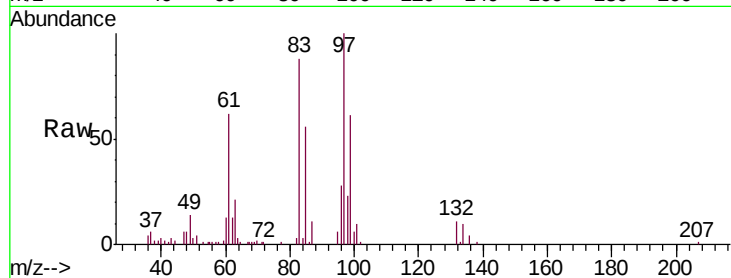




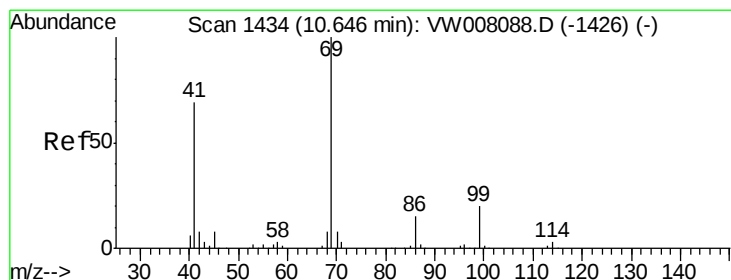
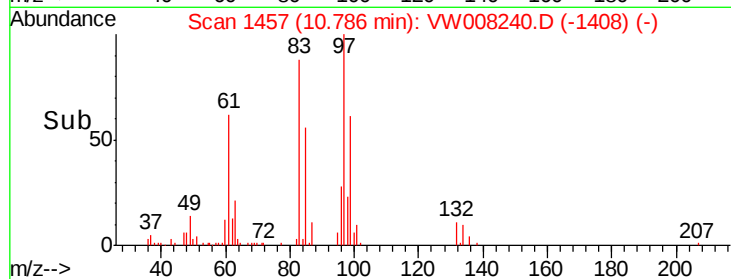
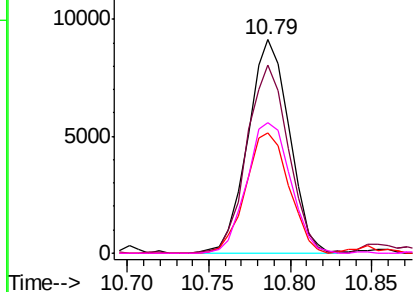
#55
 1,1,2-Trichloroethane
 Concen: 20.124 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008240.D
 Acq: 14 Jan 2019 12:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBS01

Tgt Ion:	97	Resp:	16160
Ion	Ratio	Lower	Upper
97	100		
83	88.1	69.3	103.9
85	56.5	43.8	65.6
99	61.2	50.0	75.0

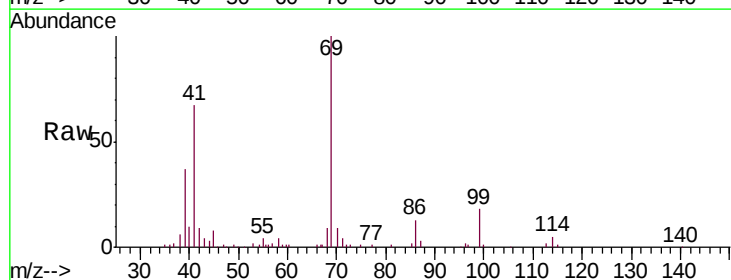


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

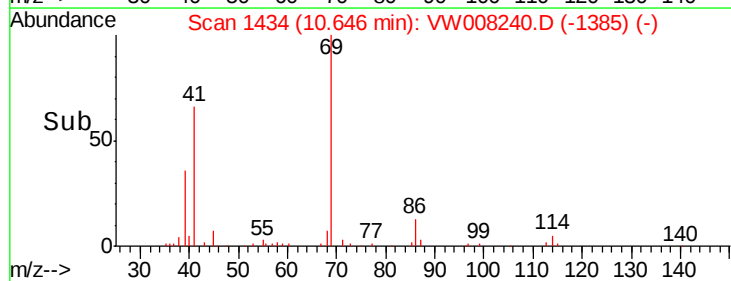
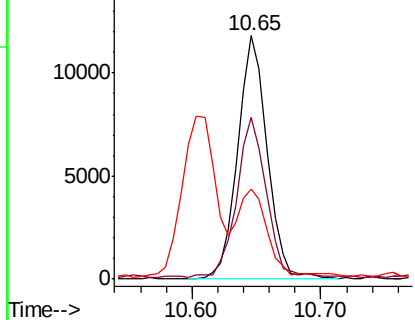


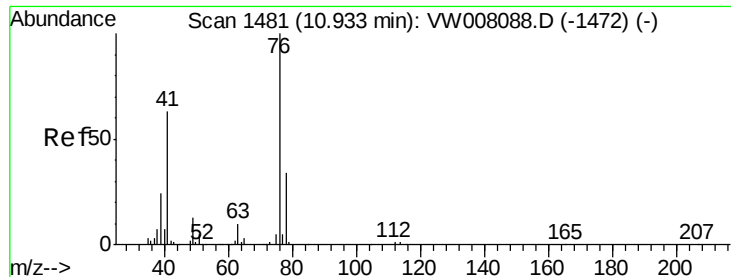
#56
 Ethyl methacrylate
 Concen: 18.860 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008240.D
 Acq: 14 Jan 2019 12:12

Tgt Ion:	69	Resp:	18756
Ion	Ratio	Lower	Upper
69	100		
41	66.3	56.4	84.6
39	33.8	28.1	42.1



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

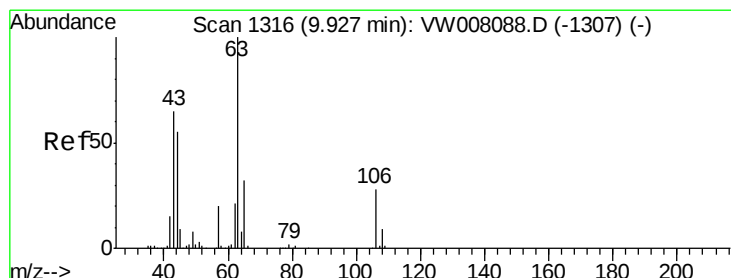
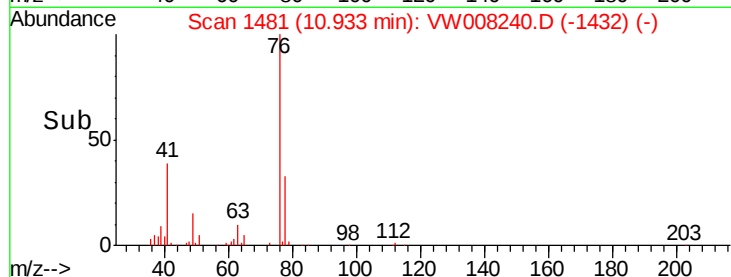
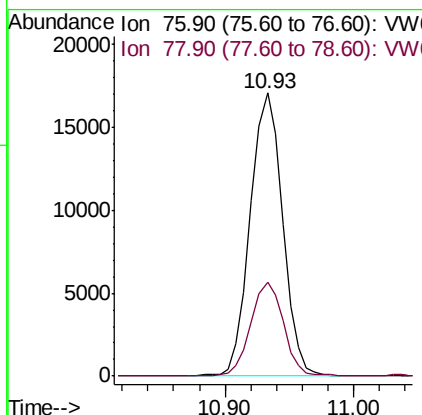
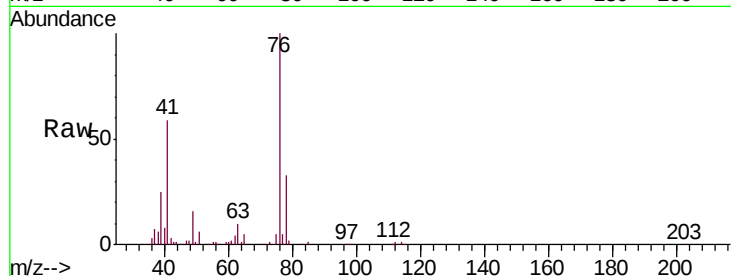




#57
 1,3-Dichloropropane
 Concen: 20.202 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008240.D
 Acq: 14 Jan 2019 12:12

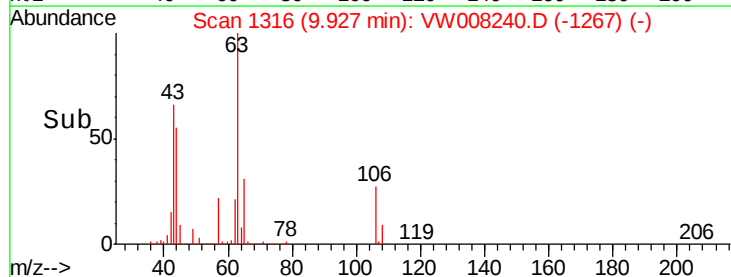
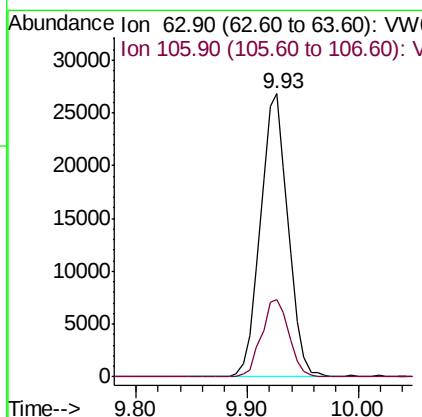
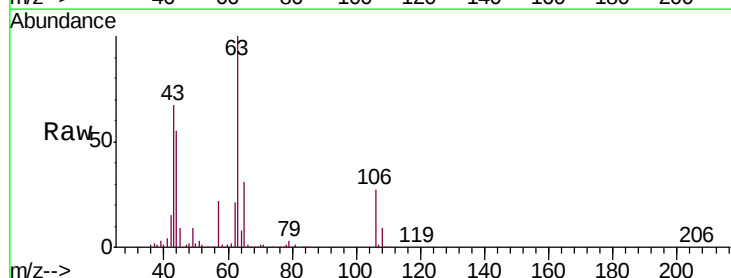
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBS01

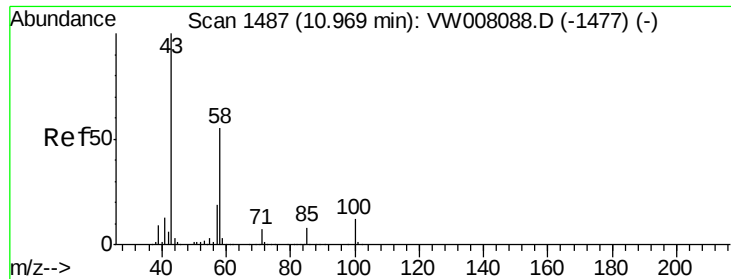
Tgt Ion: 76 Resp: 29670
 Ion Ratio Lower Upper
 76 100
 78 33.5 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 90.283 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW008240.D
 Acq: 14 Jan 2019 12:12

Tgt Ion: 63 Resp: 46379
 Ion Ratio Lower Upper
 63 100
 106 27.5 21.8 32.6

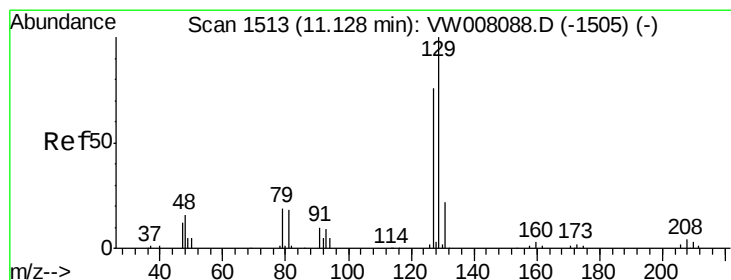
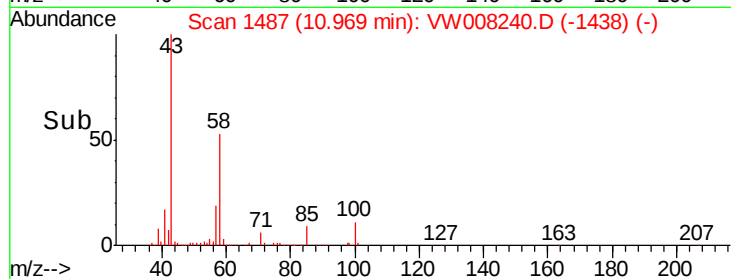
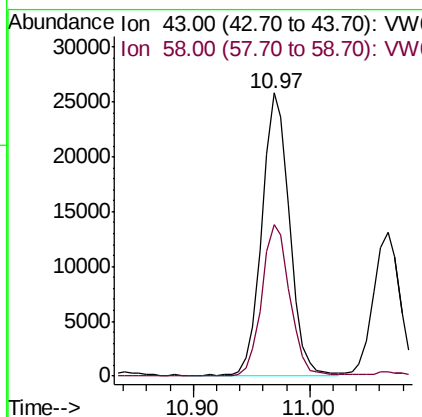
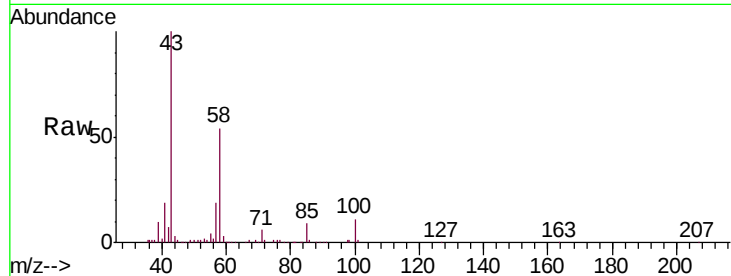




#59
2-Hexanone
Concen: 93.822 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

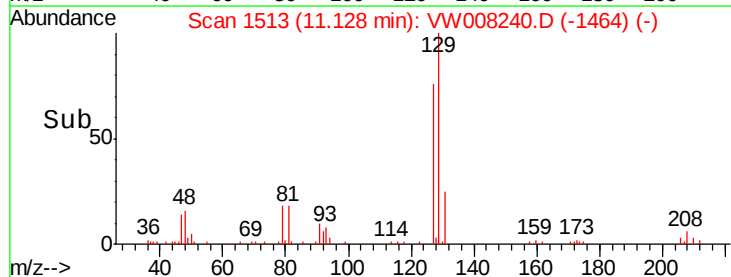
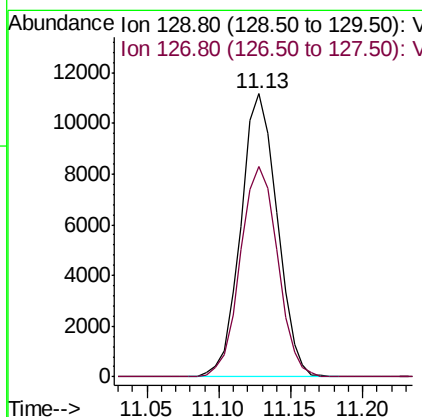
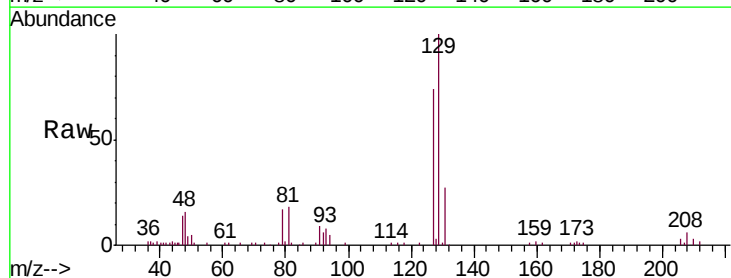
Instrument :
MSVOA_W
ClientSampleId :
VW0114SBS01

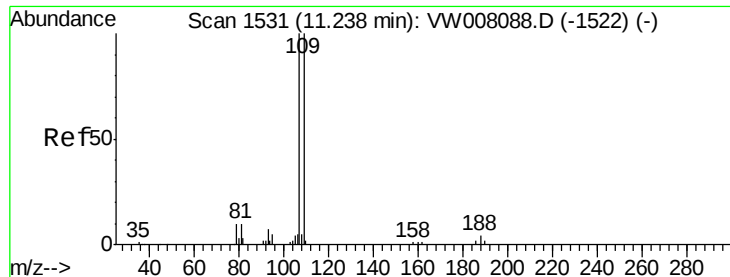
Tgt Ion: 43 Resp: 42602
Ion Ratio Lower Upper
43 100
58 54.4 27.2 81.5



#60
Dibromochloromethane
Concen: 22.239 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Tgt Ion: 129 Resp: 19611
Ion Ratio Lower Upper
129 100
127 76.1 38.9 116.6





#61

1,2-Dibromoethane

Concen: 20.375 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

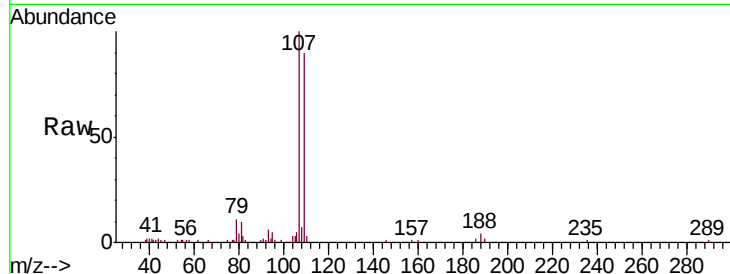
VW0114SBS01

Tgt Ion: 107 Resp: 15525

Ion Ratio Lower Upper

107 100

109 95.1 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

10000

8000

6000

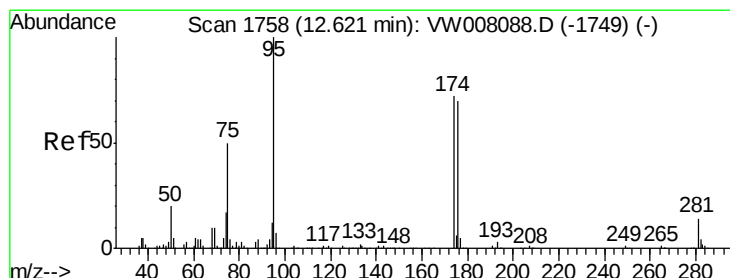
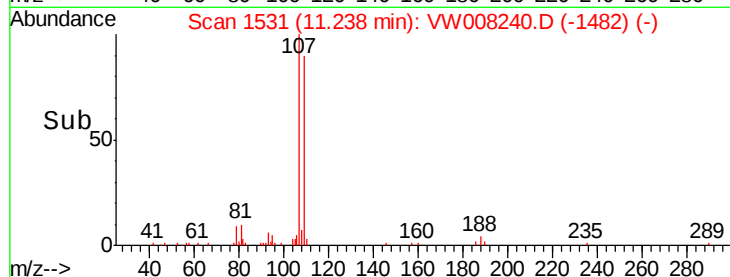
4000

2000

0

Time-->

11.20 11.30



#62

4-Bromofluorobenzene

Concen: 47.581 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

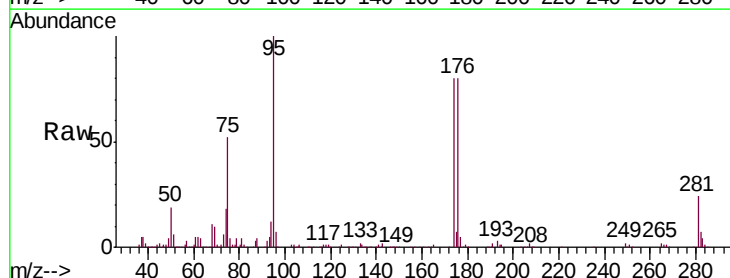
Tgt Ion: 95 Resp: 70186

Ion Ratio Lower Upper

95 100

174 79.5 0.0 143.0

176 75.1 0.0 140.2



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

60000

50000

40000

30000

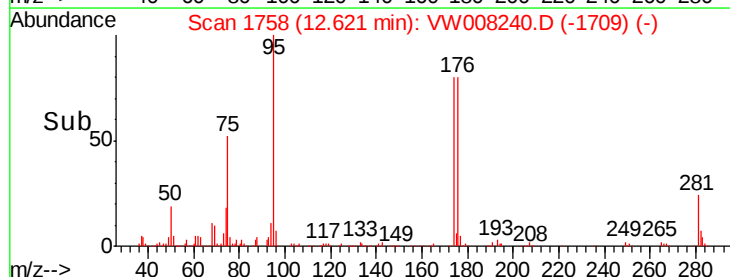
20000

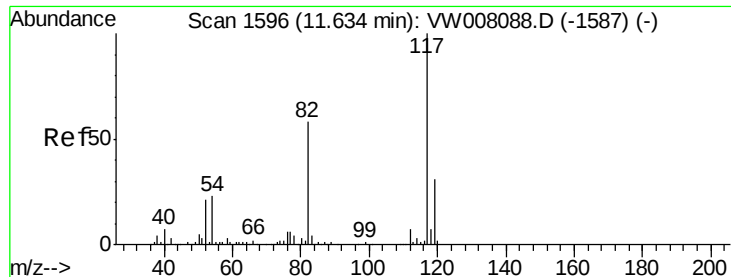
10000

0

Time-->

12.50 12.60 12.70

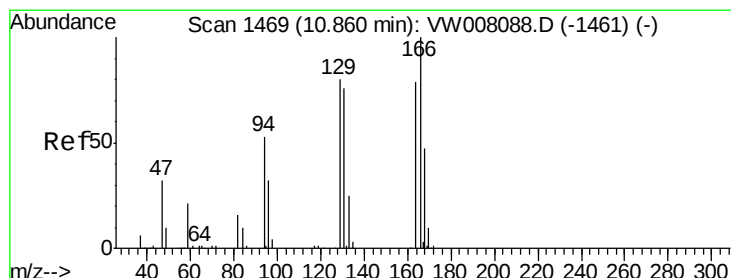
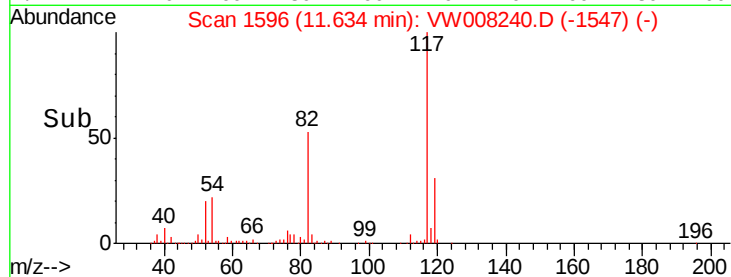
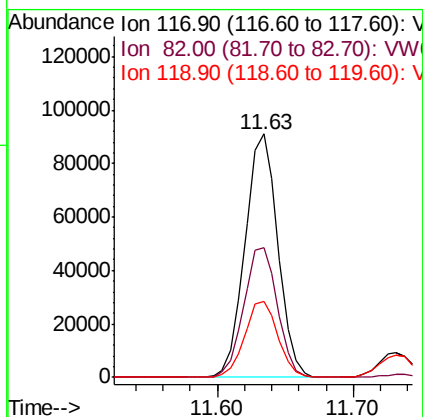
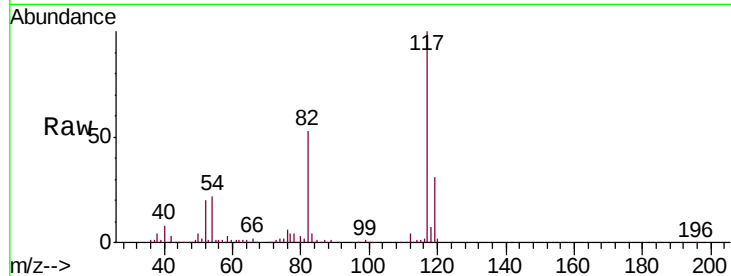




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

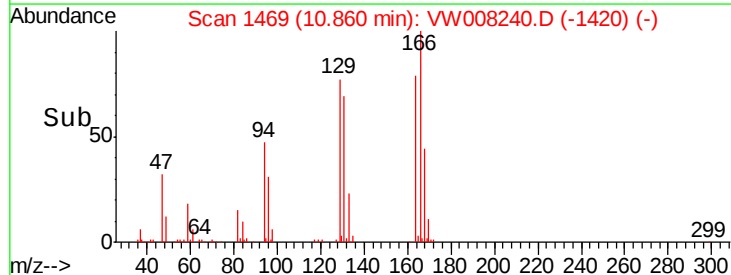
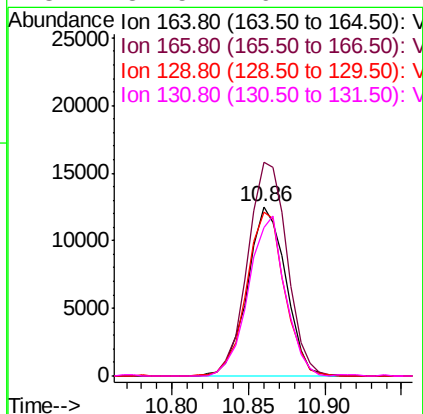
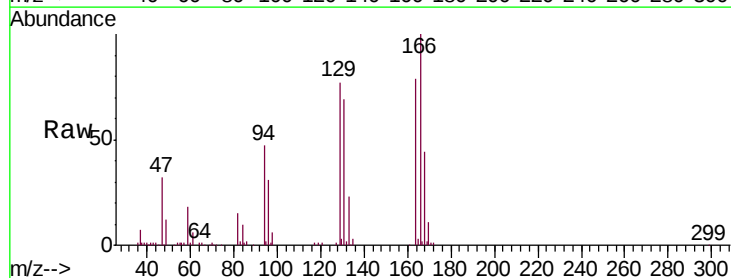
Instrument :
MSVOA_W
ClientSampleId :
VW0114SBS01

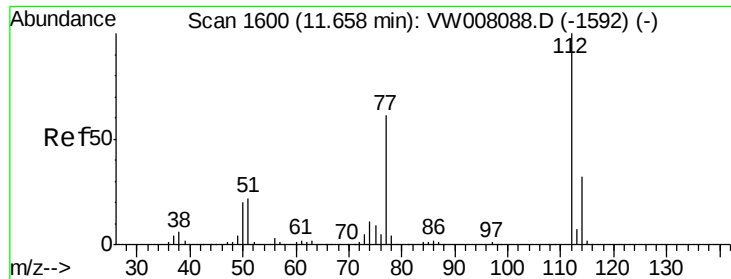
Tgt Ion:117 Resp: 153609
Ion Ratio Lower Upper
117 100
82 53.3 46.4 69.6
119 30.9 24.7 37.1



#64
Tetrachloroethene
Concen: 21.835 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Tgt Ion:164 Resp: 21828
Ion Ratio Lower Upper
164 100
166 126.0 100.7 151.1
129 96.8 81.0 121.4
131 87.5 76.1 114.1

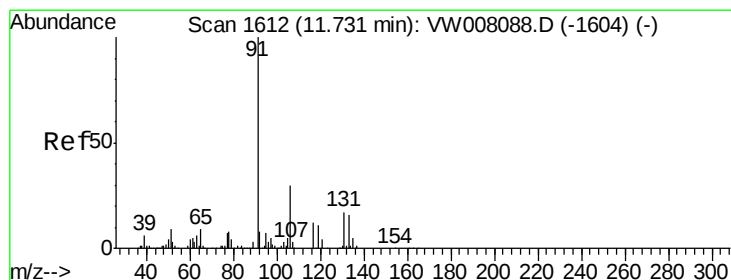
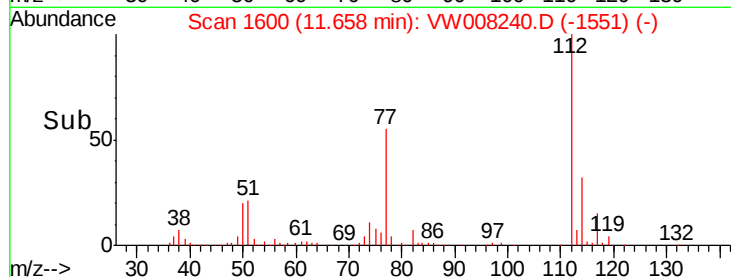
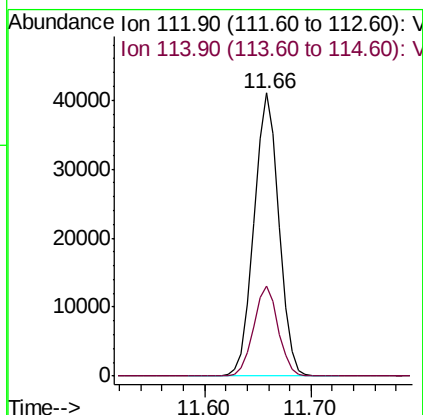
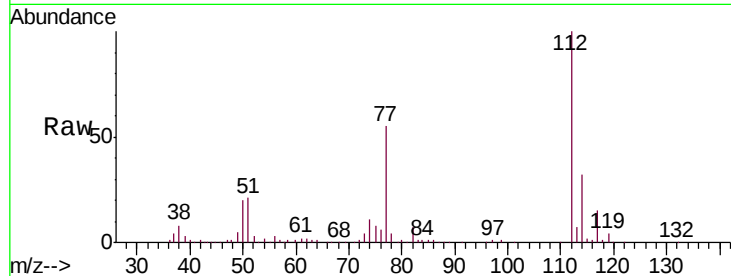




#65
Chlorobenzene
Concen: 20.711 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

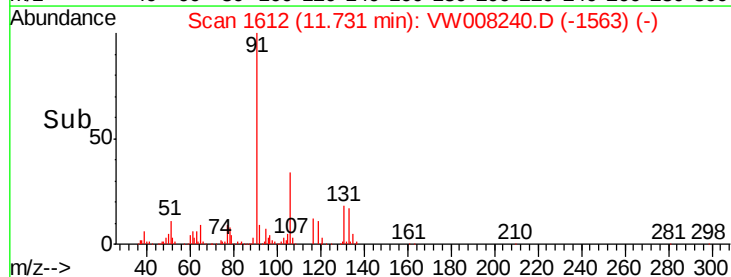
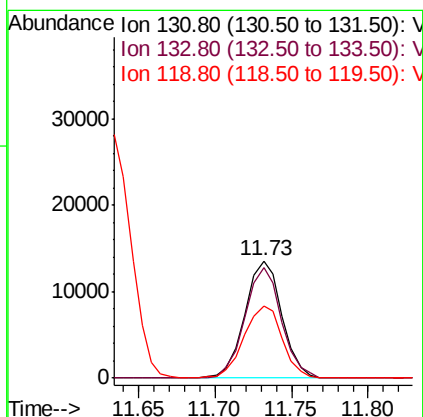
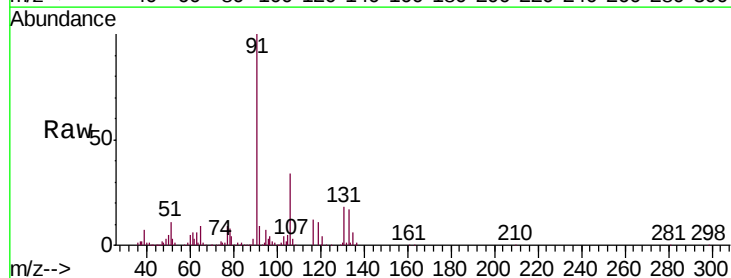
Instrument :
MSVOA_W
ClientSampleId :
VW0114SBS01

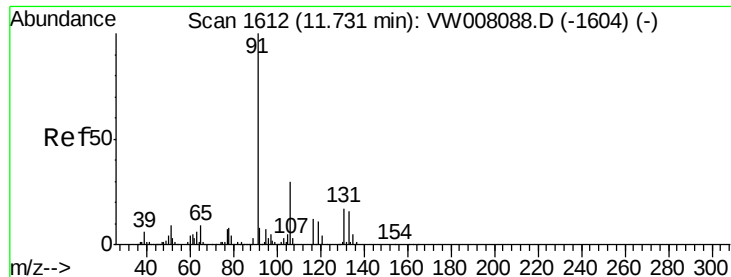
Tgt Ion:112 Resp: 67399
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.497 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Tgt Ion:131 Resp: 22754
Ion Ratio Lower Upper
131 100
133 93.5 47.9 143.7
119 63.9 32.5 97.4

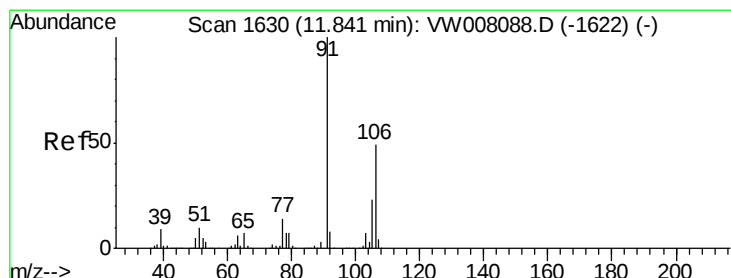
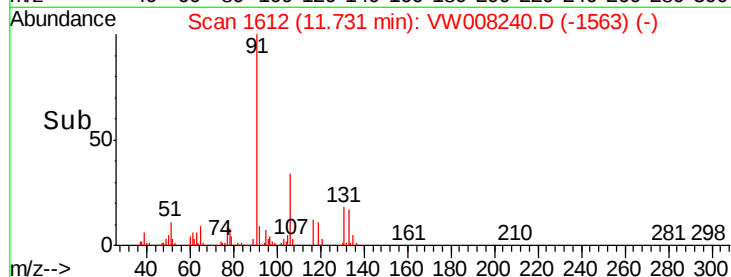
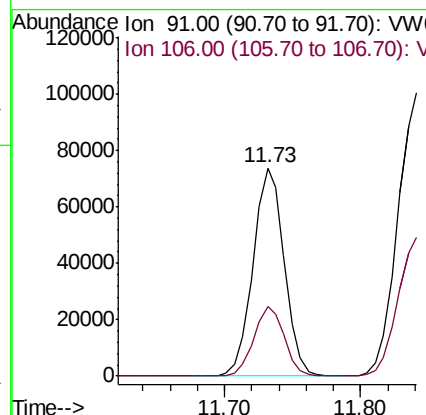
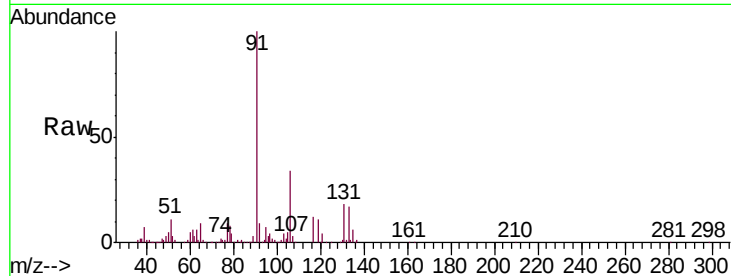




#67
Ethyl Benzene
Concen: 19.910 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

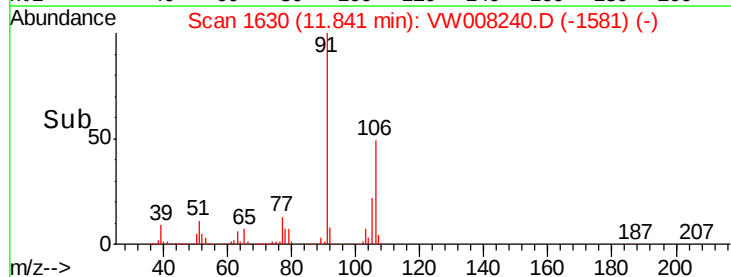
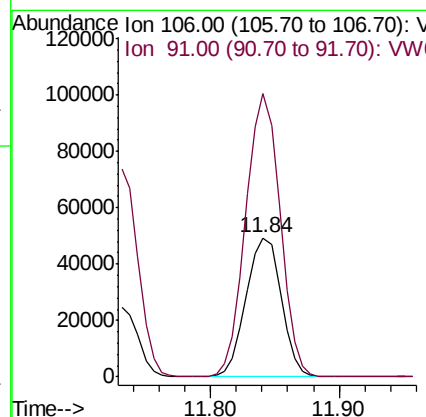
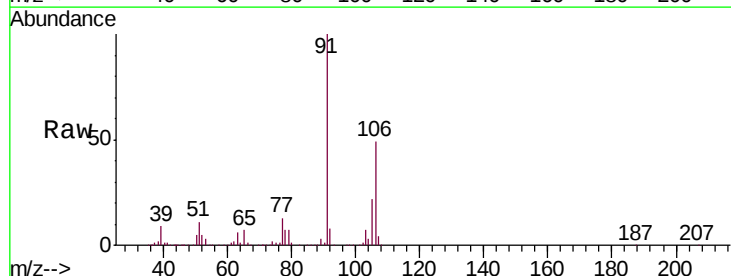
Instrument :
MSVOA_W
ClientSampled :
VW0114SBS01

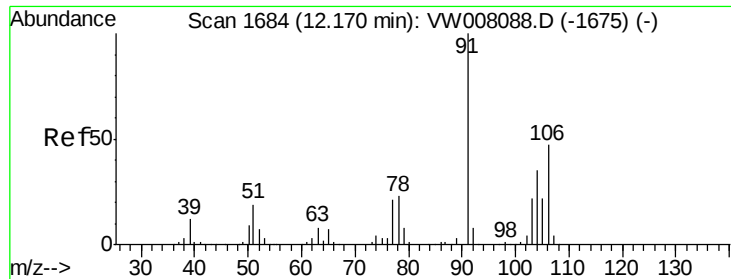
Tgt Ion: 91 Resp: 118557
Ion Ratio Lower Upper
91 100
106 33.7 24.2 36.4



#68
m/p-Xylenes
Concen: 41.020 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Tgt Ion: 106 Resp: 93228
Ion Ratio Lower Upper
106 100
91 199.5 162.4 243.6

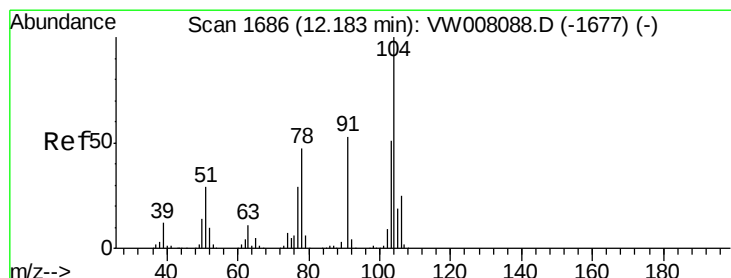
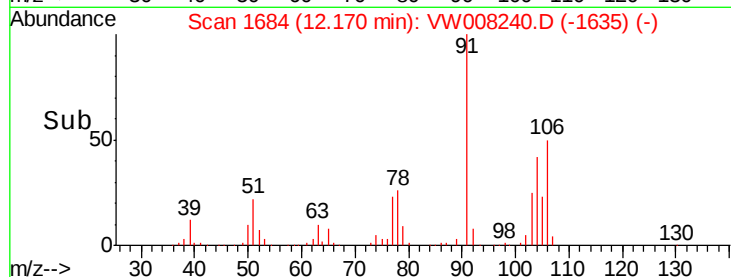
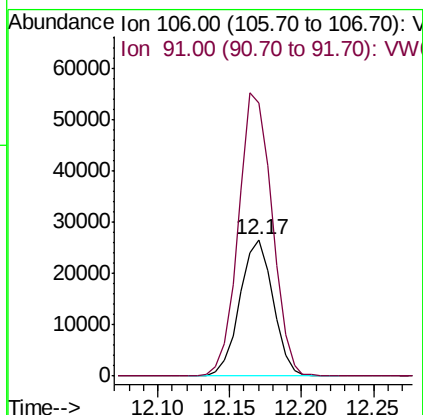
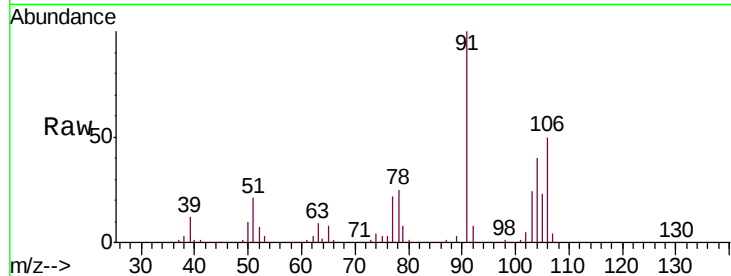




#69
o-Xylene
Concen: 20.286 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

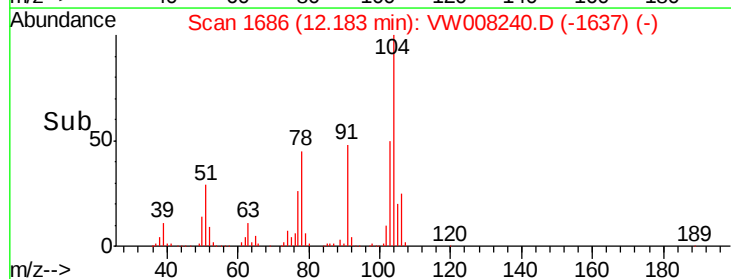
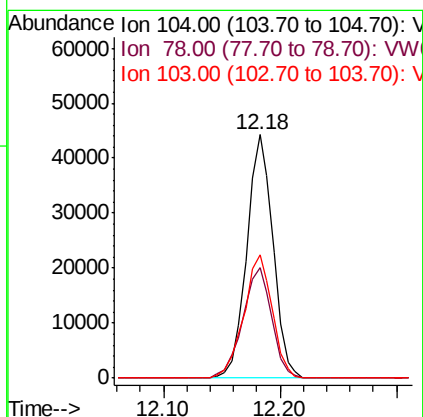
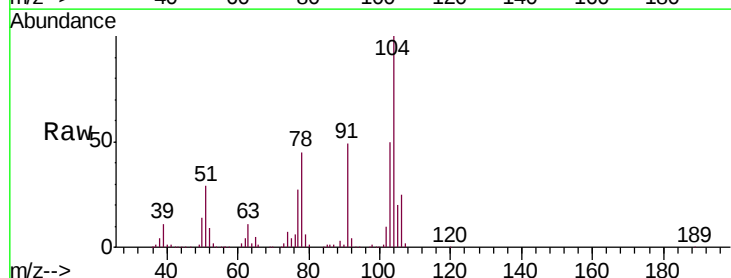
Instrument :
MSVOA_W
ClientSampleId :
VW0114SBS01

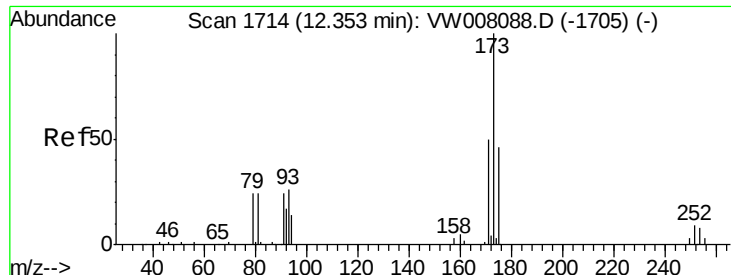
Tgt Ion:106 Resp: 42696
Ion Ratio Lower Upper
106 100
91 210.0 107.8 323.6



#70
Styrene
Concen: 21.127 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Tgt Ion:104 Resp: 69646
Ion Ratio Lower Upper
104 100
78 50.0 41.8 62.8
103 54.7 43.8 65.8

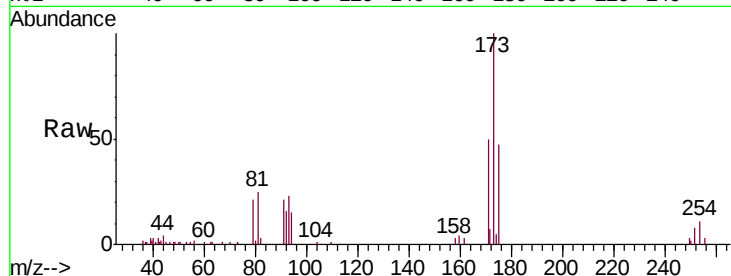




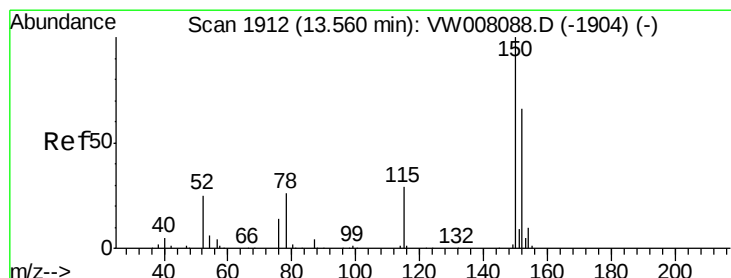
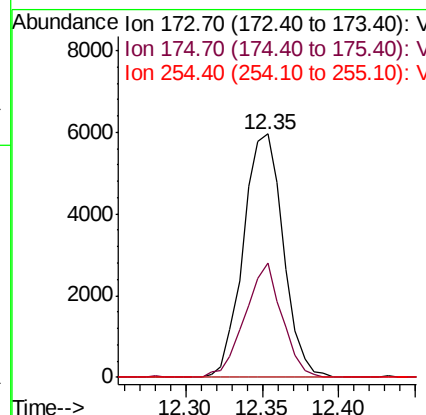
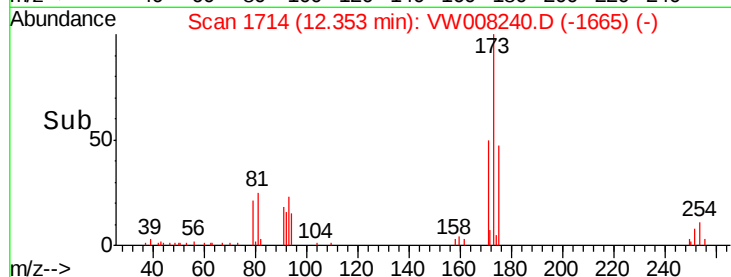
#71
Bromoform
Concen: 22.819 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBS01

Tgt Ion:173 Resp: 10810
Ion Ratio Lower Upper
173 100
175 43.4 23.3 69.8
254 0.0 0.0 0.0

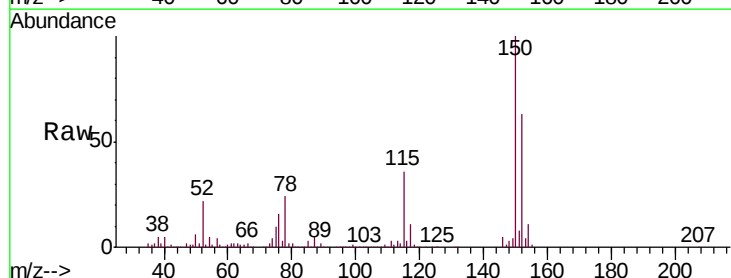


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

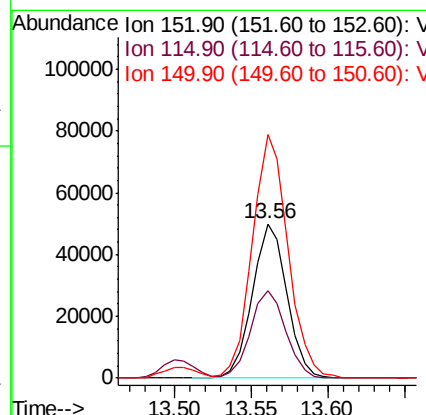
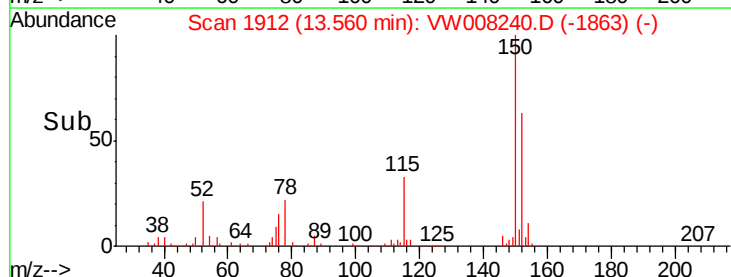


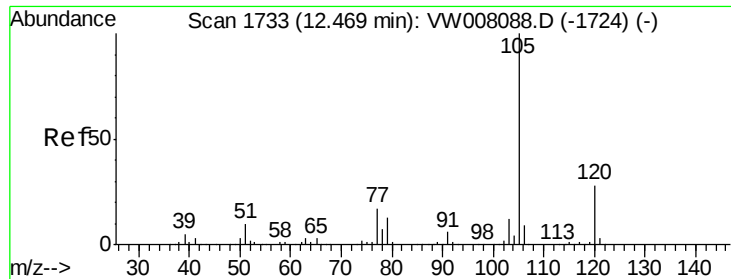
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Tgt Ion:152 Resp: 77868
Ion Ratio Lower Upper
152 100
115 58.1 30.8 92.4
150 164.3 0.0 350.2



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: 19.583 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

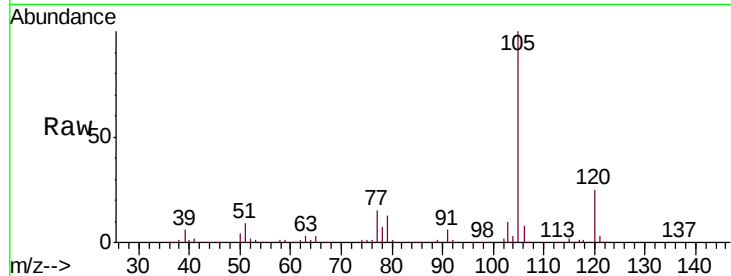
VW0114SBS01

Tgt Ion: 105 Resp: 119718

Ion Ratio Lower Upper

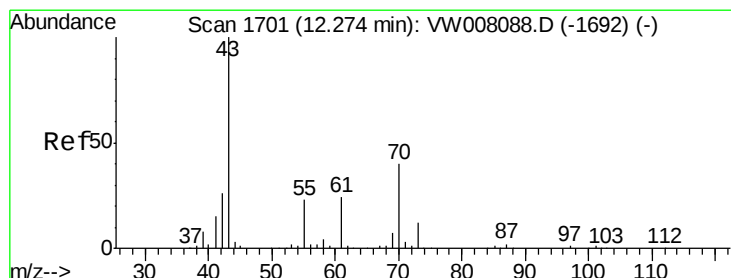
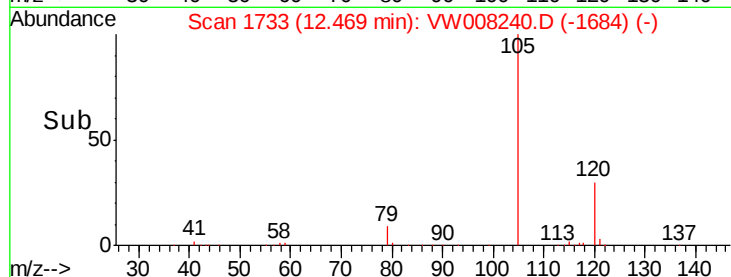
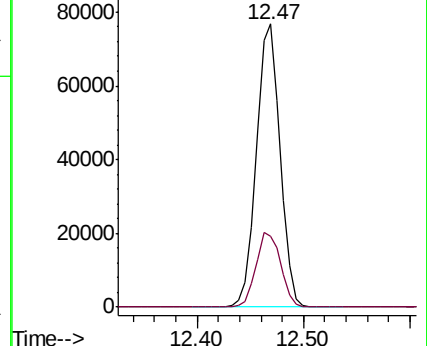
105 100

120 27.4 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.012 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Tgt Ion: 43 Resp: 21678

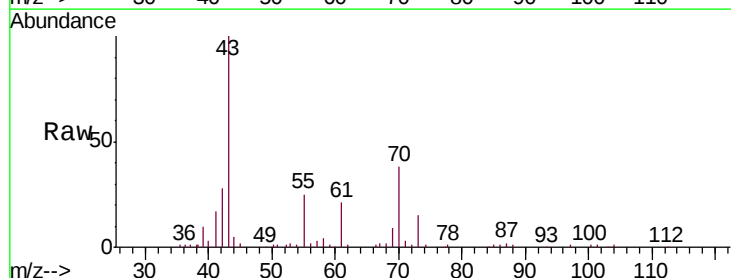
Ion Ratio Lower Upper

43 100

70 43.9 32.4 48.6

55 26.8 18.7 28.1

61 24.2 19.0 28.6

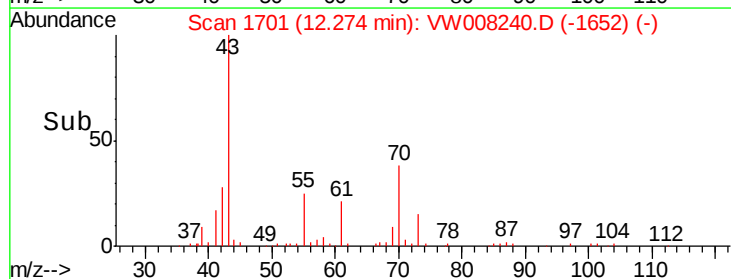
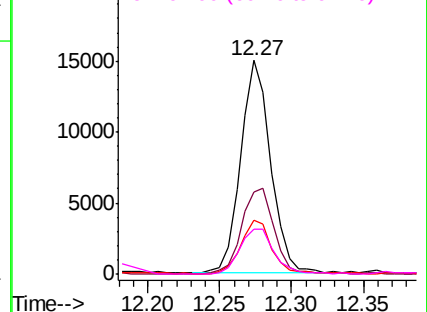


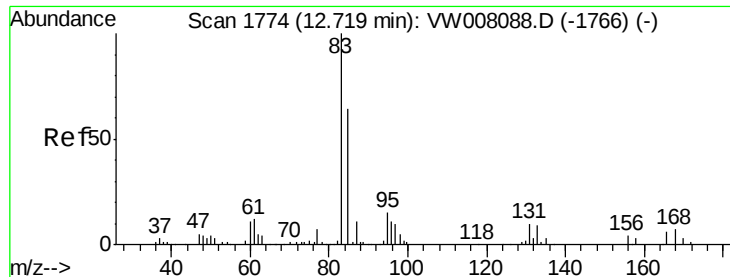
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 18.937 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBS01

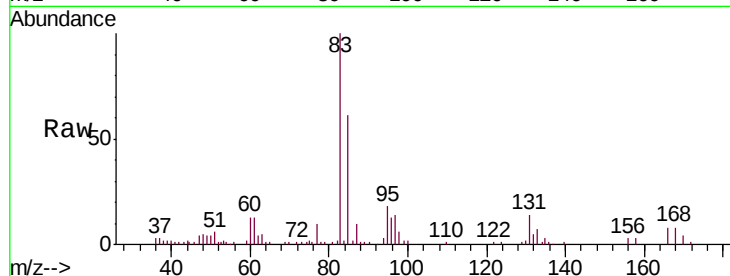
Tgt Ion: 83 Resp: 18530

Ion Ratio Lower Upper

83 100

131 10.9 5.3 16.1

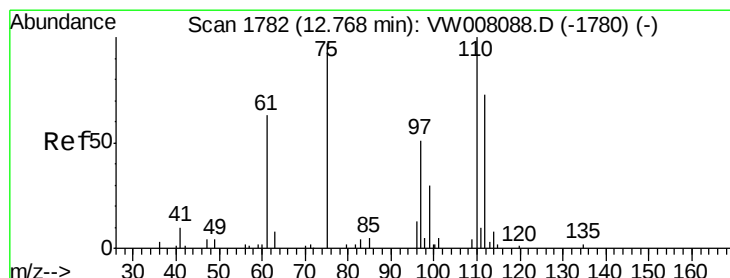
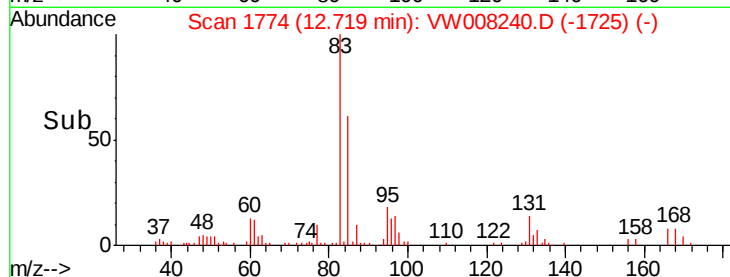
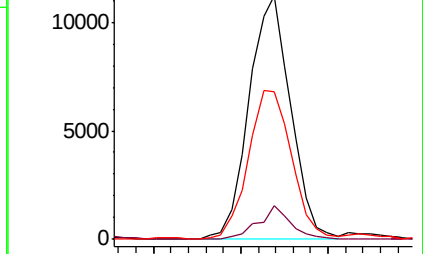
85 63.5 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 34.061 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008240.D

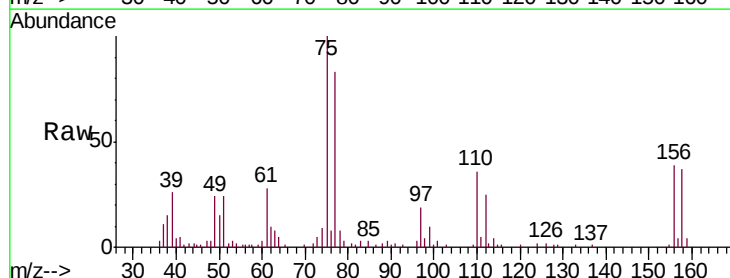
Acq: 14 Jan 2019 12:12

Tgt Ion: 75 Resp: 24178

Ion Ratio Lower Upper

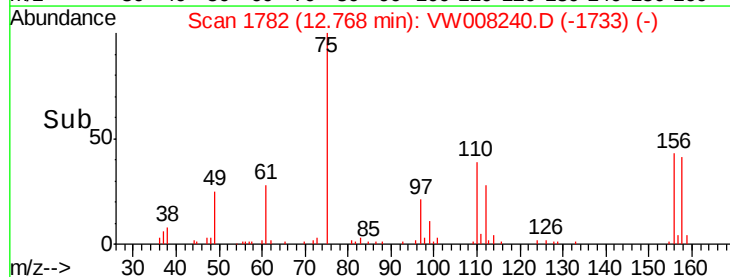
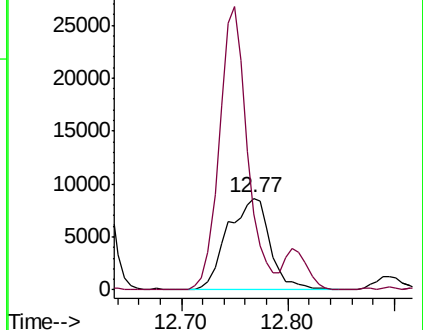
75 100

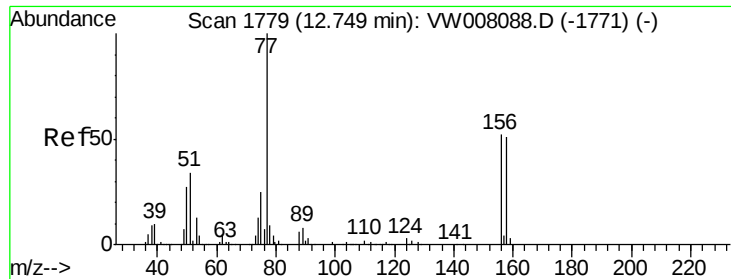
77 202.8 179.4 538.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.402 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBS01

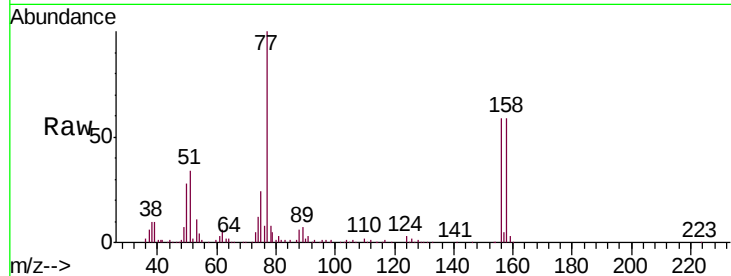
Tgt Ion:156 Resp: 26354

Ion Ratio Lower Upper

156 100

77 186.0 104.2 312.5

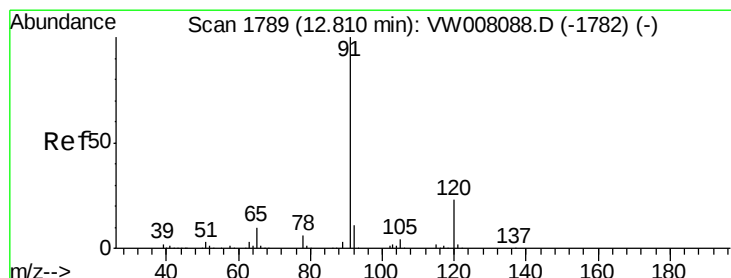
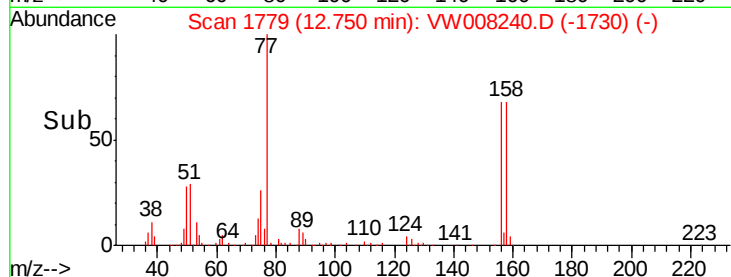
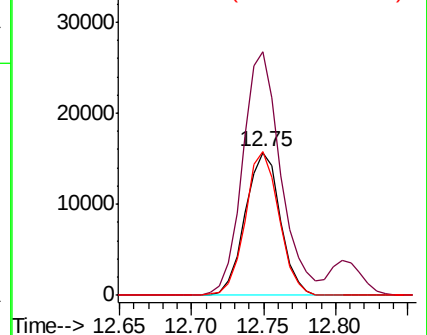
158 97.2 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.525 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008240.D

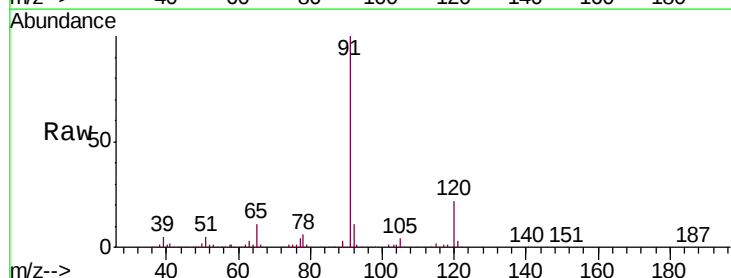
Acq: 14 Jan 2019 12:12

Tgt Ion: 91 Resp: 146255

Ion Ratio Lower Upper

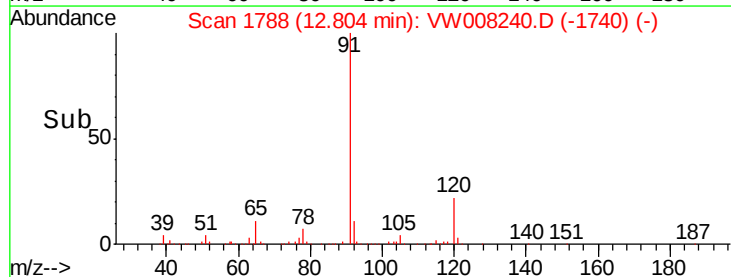
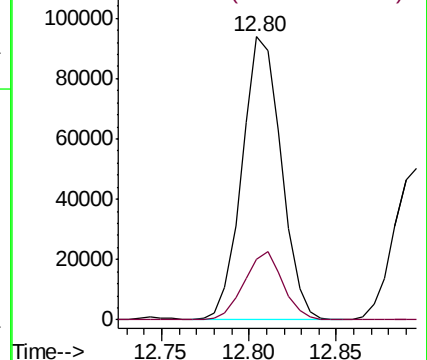
91 100

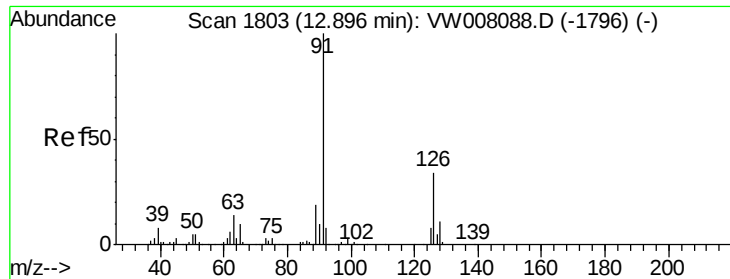
120 23.8 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.542 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

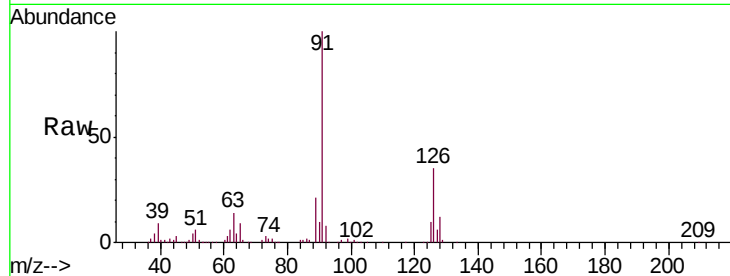
VW0114SBS01

Tgt Ion: 91 Resp: 81667

Ion Ratio Lower Upper

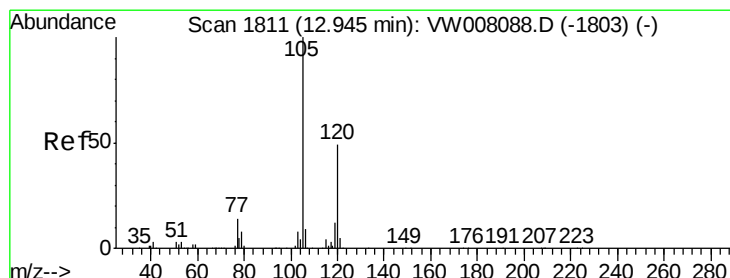
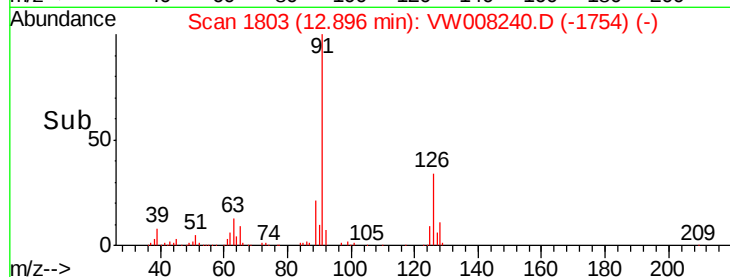
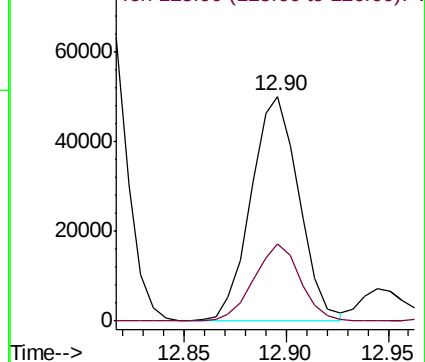
91 100

126 33.6 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.855 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008240.D

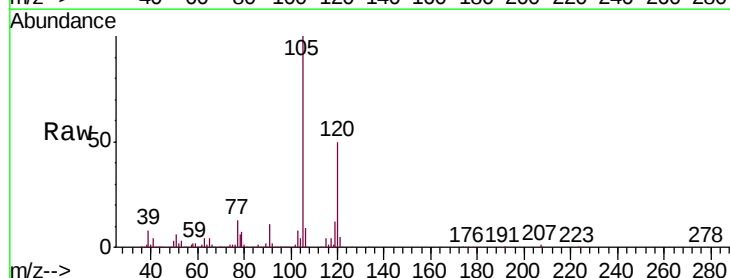
Acq: 14 Jan 2019 12:12

Tgt Ion: 105 Resp: 99745

Ion Ratio Lower Upper

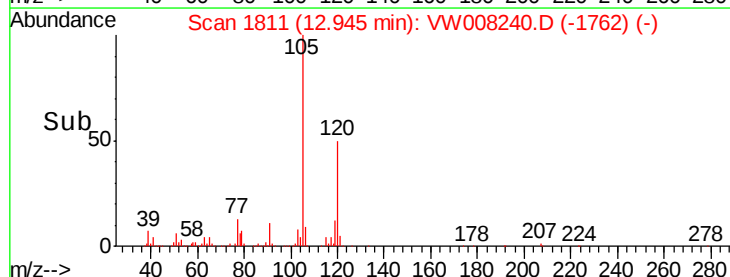
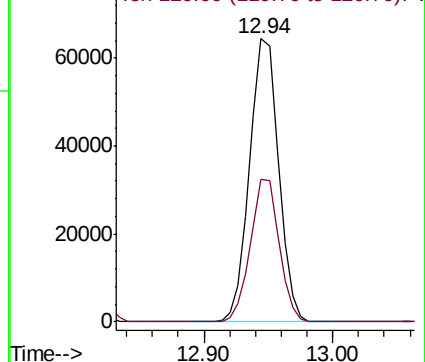
105 100

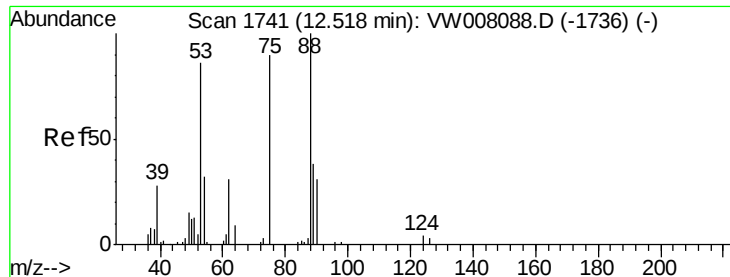
120 50.1 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.977 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBS01

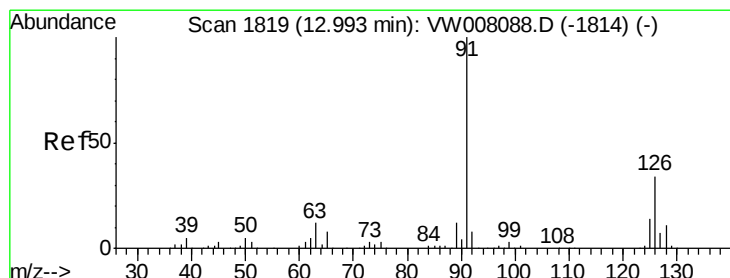
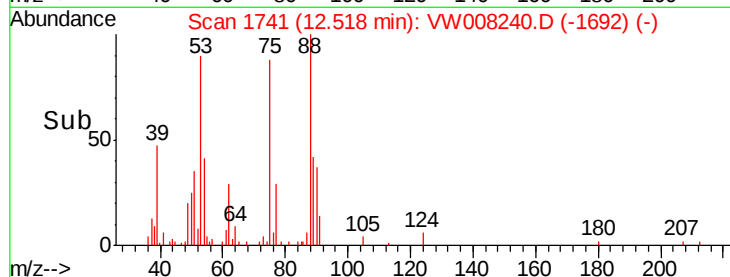
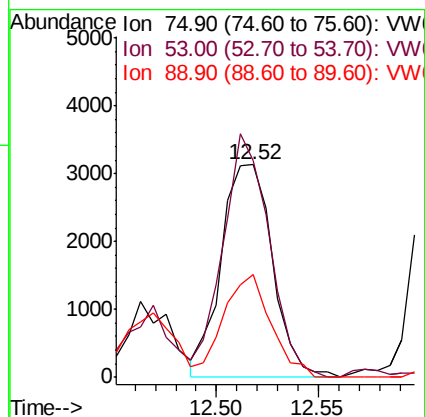
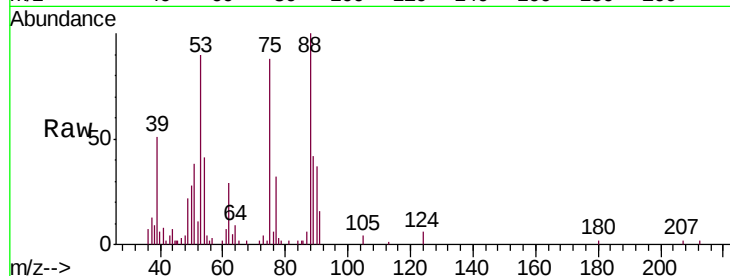
Tgt Ion: 75 Resp: 5480

Ion Ratio Lower Upper

75 100

53 103.0 78.8 118.2

89 45.1 35.4 53.2



#82

4-Chlorotoluene

Concen: 19.415 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW008240.D

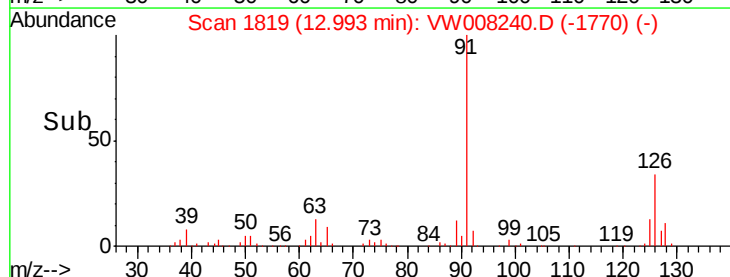
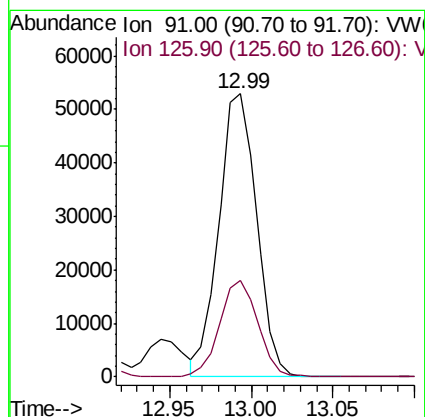
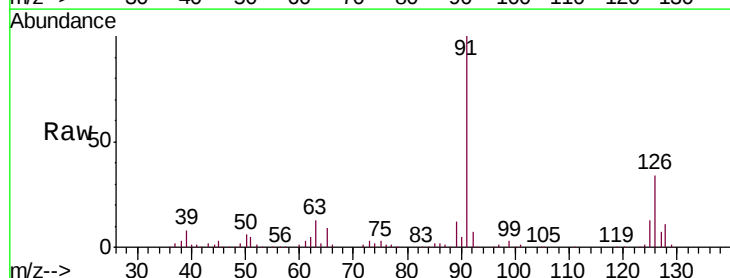
Acq: 14 Jan 2019 12:12

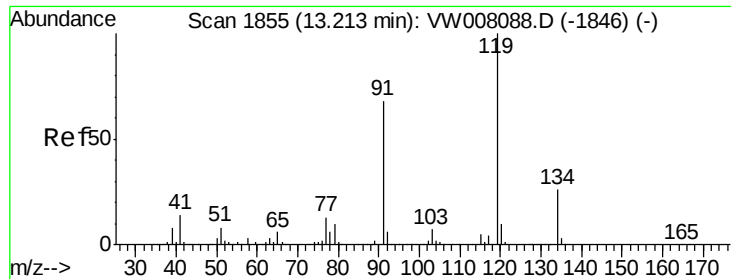
Tgt Ion: 91 Resp: 85455

Ion Ratio Lower Upper

91 100

126 34.5 16.5 49.5

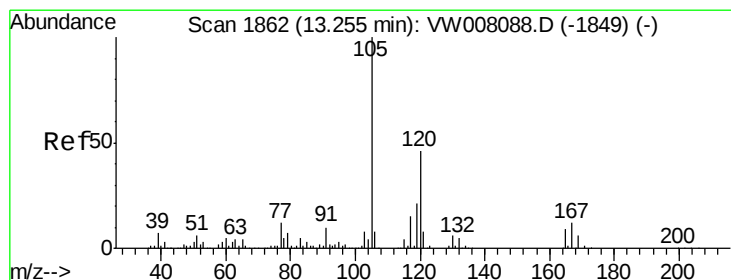
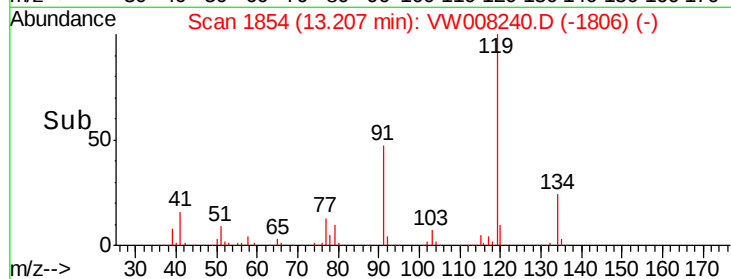
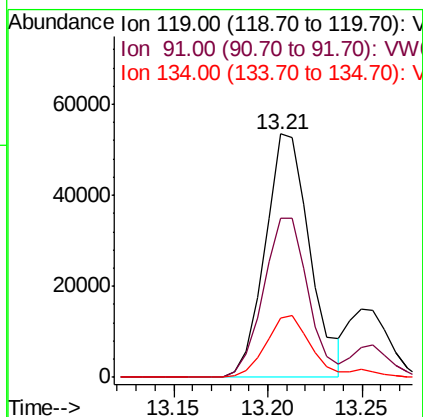
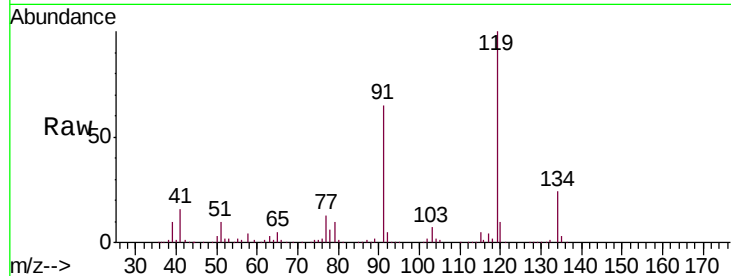




#83
 tert-Butylbenzene
 Concen: 19.868 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: VW008240.D
 Acq: 14 Jan 2019 12:12

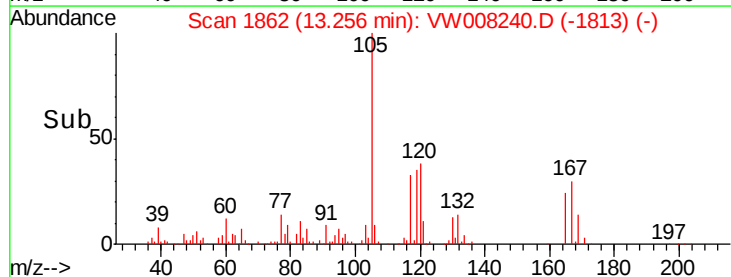
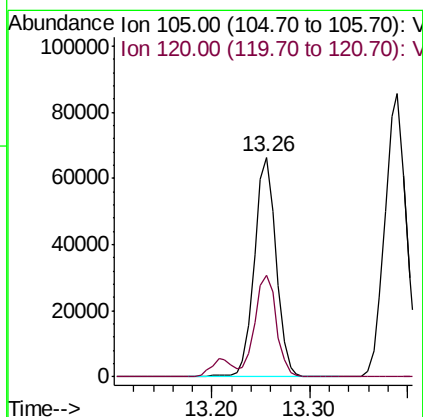
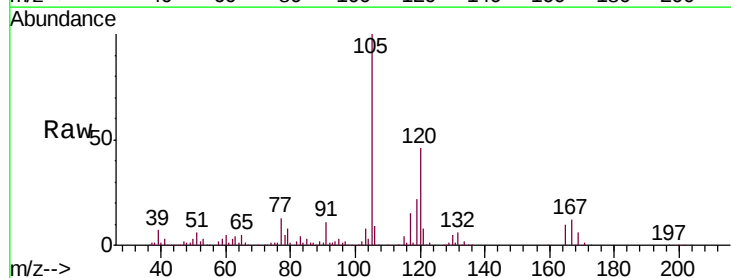
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBS01

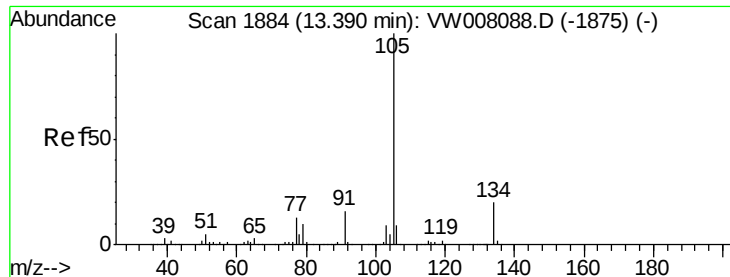
Tgt Ion:119 Resp: 88304
 Ion Ratio Lower Upper
 119 100
 91 65.2 33.9 101.6
 134 25.5 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 19.714 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008240.D
 Acq: 14 Jan 2019 12:12

Tgt Ion:105 Resp: 102144
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.7 68.1

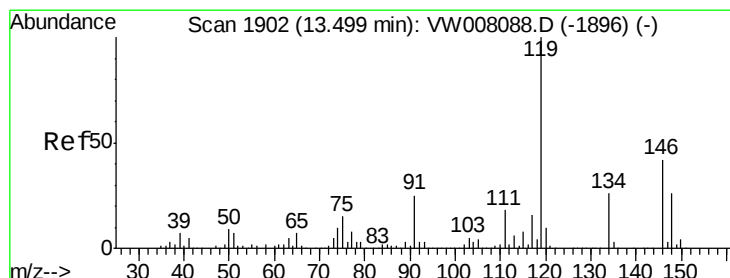
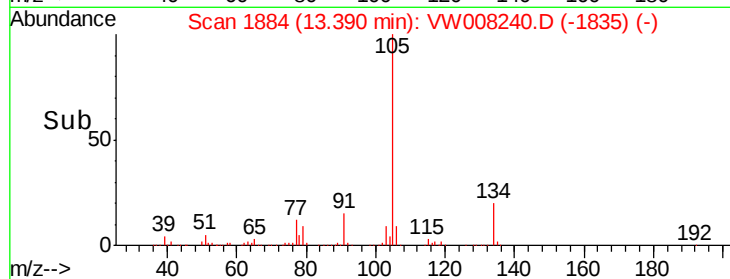
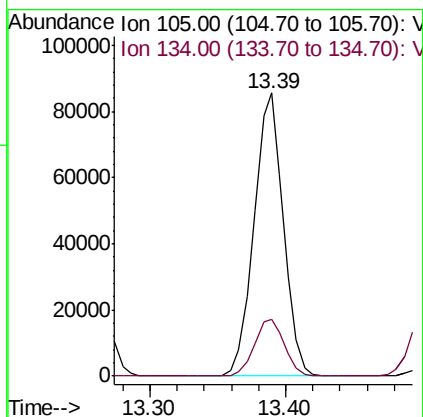
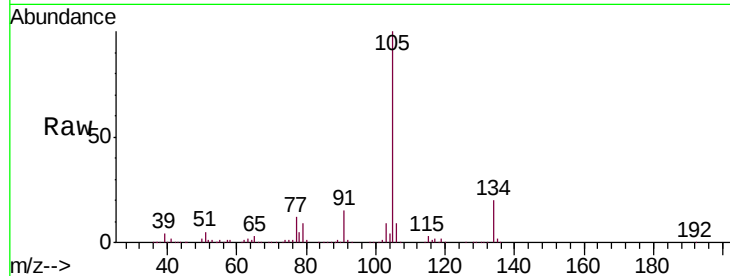




#85
 sec-Butylbenzene
 Concen: 19.897 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW008240.D
 Acq: 14 Jan 2019 12:12

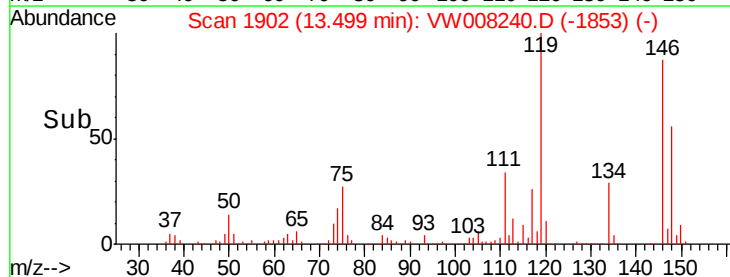
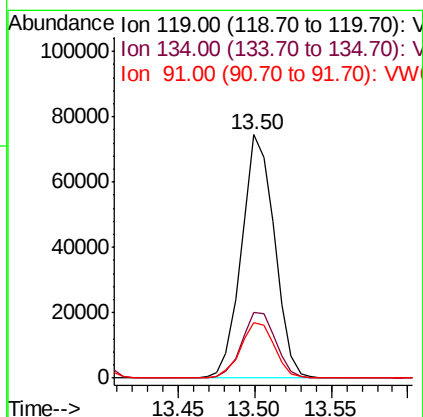
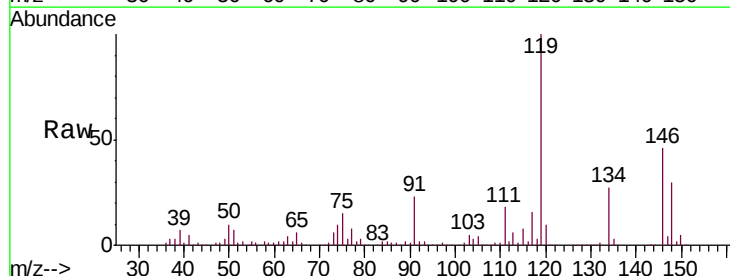
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBS01

Tgt Ion:105 Resp: 129536
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 19.838 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW008240.D
 Acq: 14 Jan 2019 12:12

Tgt Ion:119 Resp: 111528
 Ion Ratio Lower Upper
 119 100
 134 27.8 13.3 39.8
 91 23.6 12.3 36.9

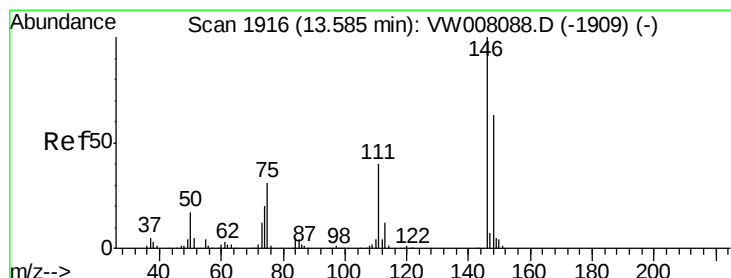
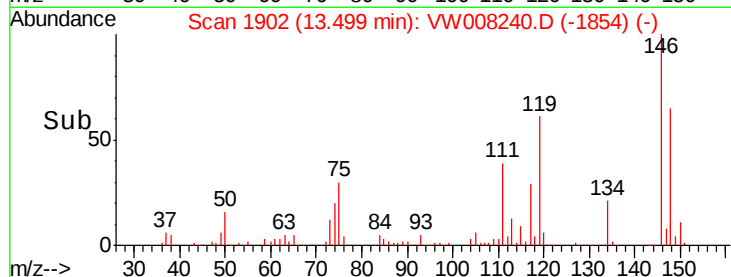
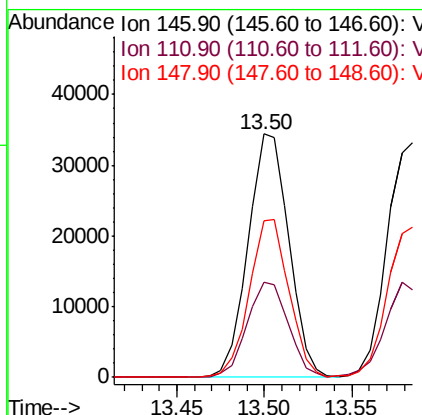
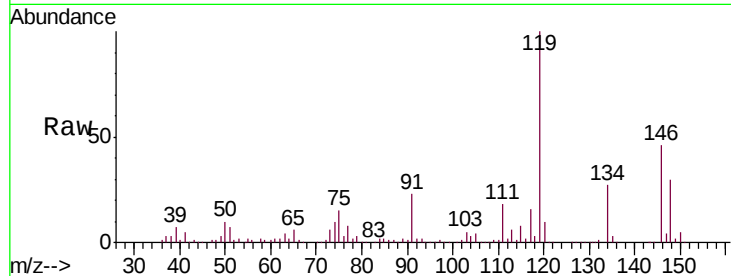




#87
 1,3-Dichlorobenzene
 Concen: 21.346 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008240.D
 Acq: 14 Jan 2019 12:12

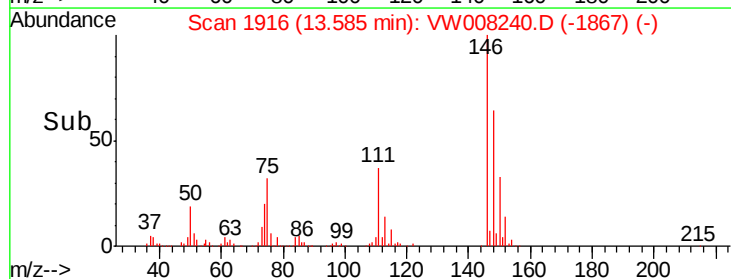
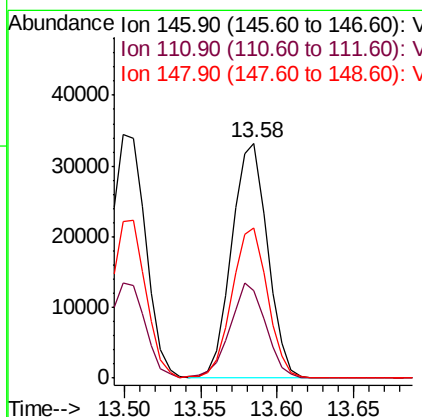
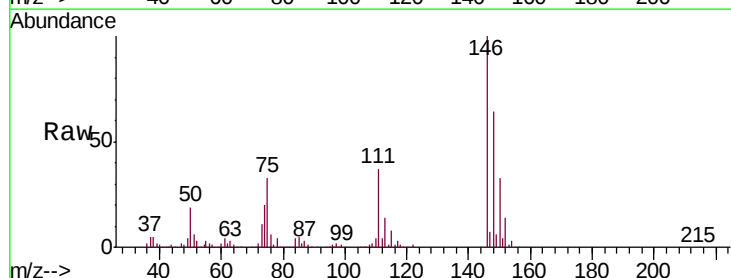
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBS01

Tgt Ion:146 Resp: 55935
 Ion Ratio Lower Upper
 146 100
 111 39.3 21.1 63.1
 148 63.3 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 20.545 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW008240.D
 Acq: 14 Jan 2019 12:12

Tgt Ion:146 Resp: 54012
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.5 61.5
 148 63.6 31.6 94.8





#89

n-Butylbenzene

Concen: 19.788 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008240.D

Acq: 14 Jan 2019 12:12

Instrument :

MSVOA_W

ClientSampleId :

VW0114SBS01

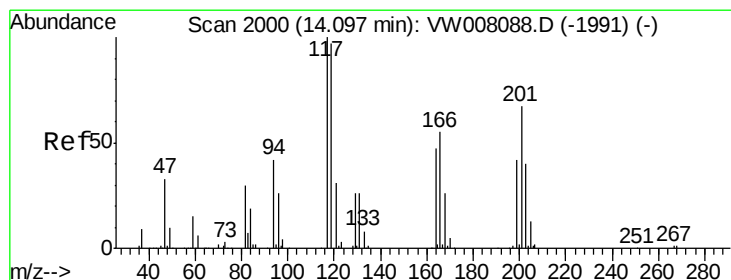
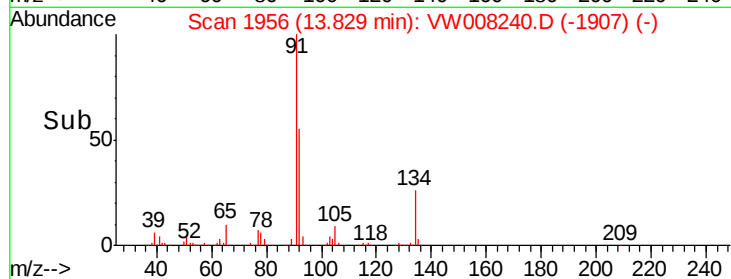
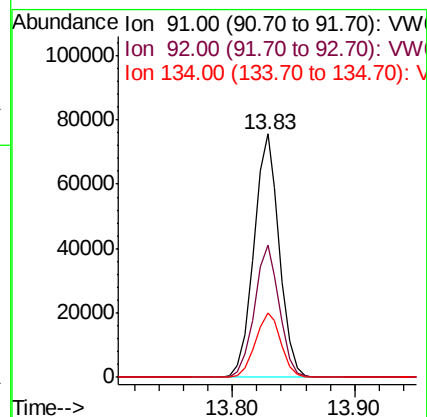
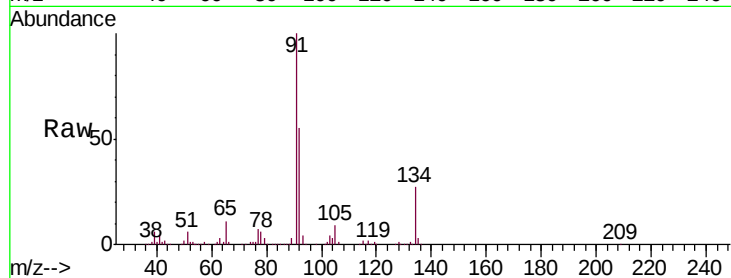
Tgt Ion: 91 Resp: 108960

Ion Ratio Lower Upper

91 100

92 53.2 27.4 82.2

134 26.7 12.6 37.8



#90

Hexachloroethane

Concen: 21.028 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008240.D

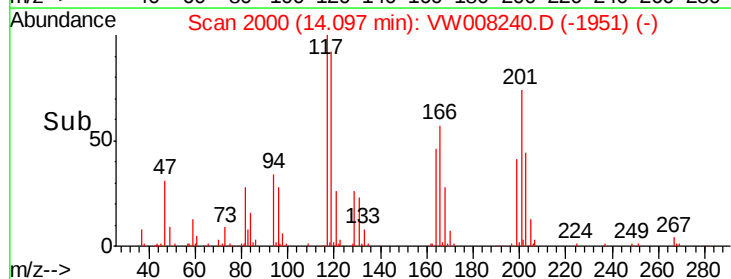
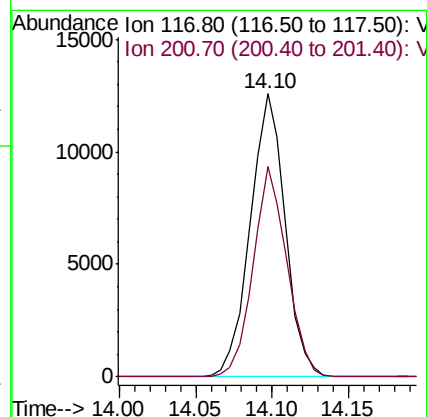
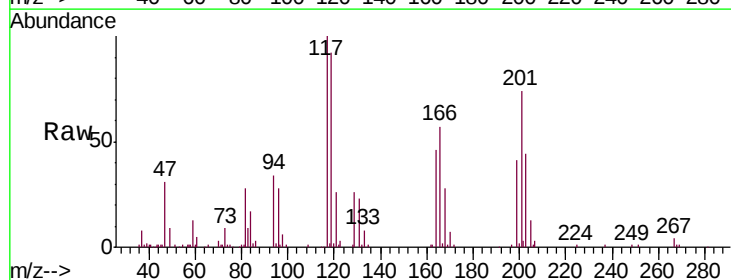
Acq: 14 Jan 2019 12:12

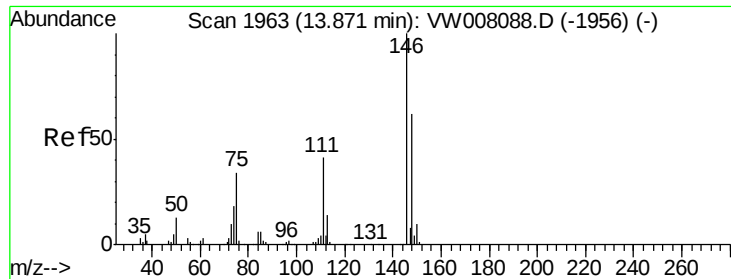
Tgt Ion: 117 Resp: 19968

Ion Ratio Lower Upper

117 100

201 71.6 33.0 98.9

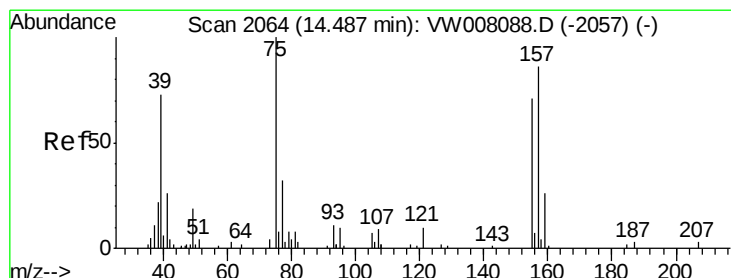
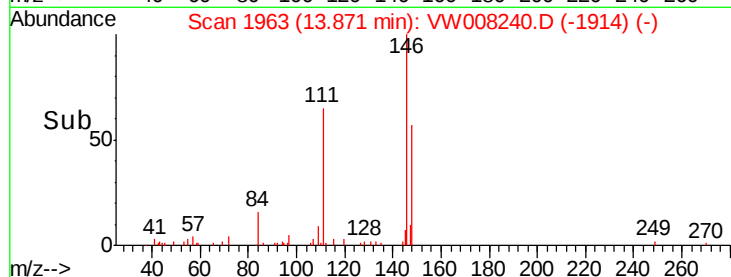
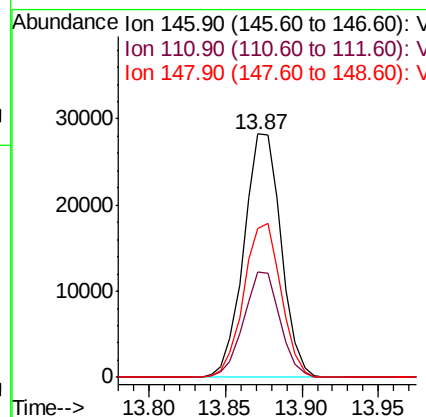
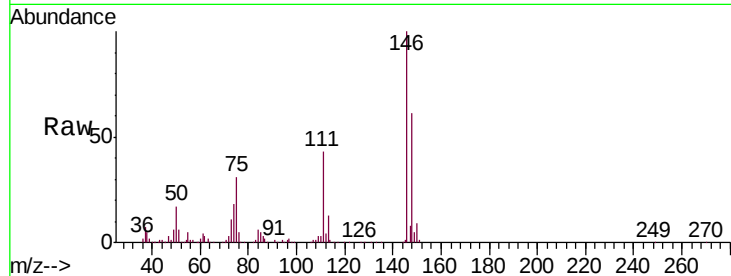




#91
 1,2-Dichlorobenzene
 Concen: 20.771 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW008240.D
 Acq: 14 Jan 2019 12:12

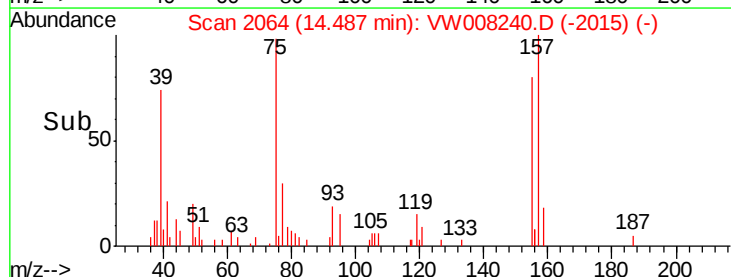
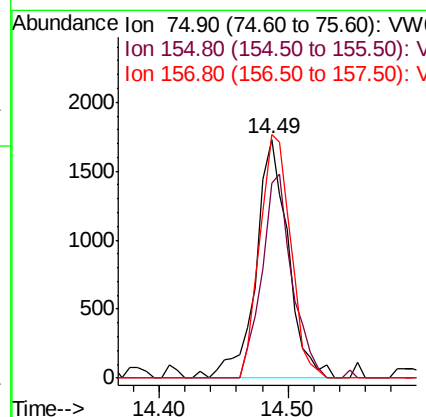
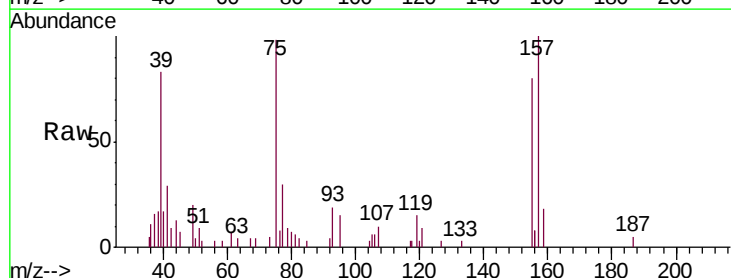
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0114SBS01

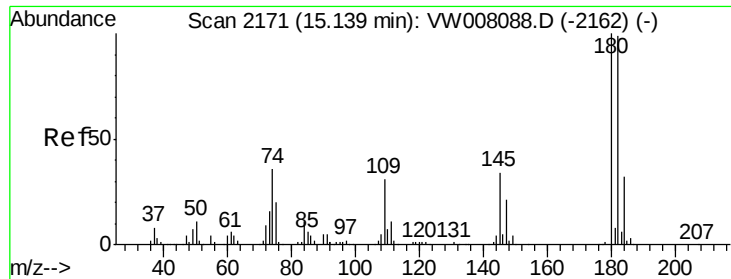
Tgt Ion:146 Resp: 47832
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.3 63.7
 148 63.2 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.930 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW008240.D
 Acq: 14 Jan 2019 12:12

Tgt Ion: 75 Resp: 2981
 Ion Ratio Lower Upper
 75 100
 155 80.1 38.6 115.7
 157 97.3 47.5 142.6

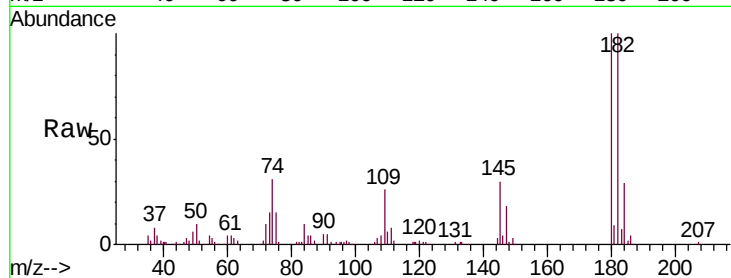




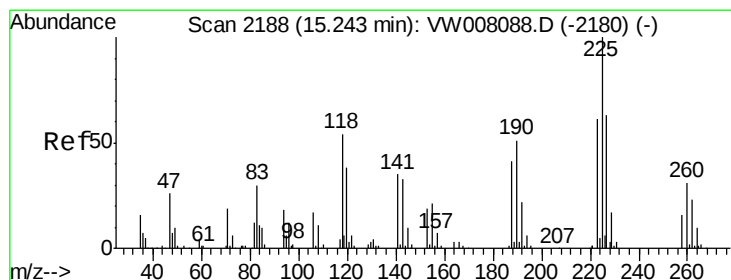
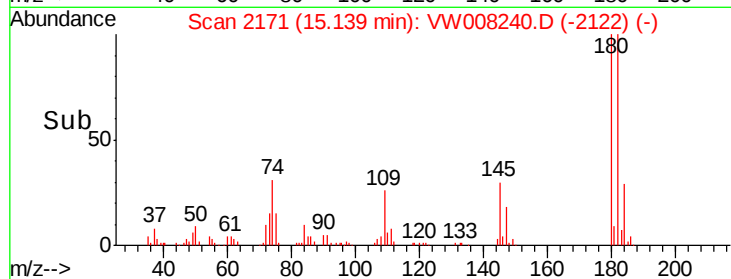
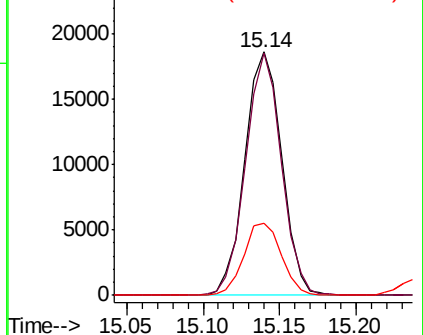
#93
1,2,4-Trichlorobenzene
Concen: 20.475 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBS01

Tgt Ion:180 Resp: 31305
Ion Ratio Lower Upper
180 100
182 96.3 48.6 145.9
145 30.3 16.6 49.7

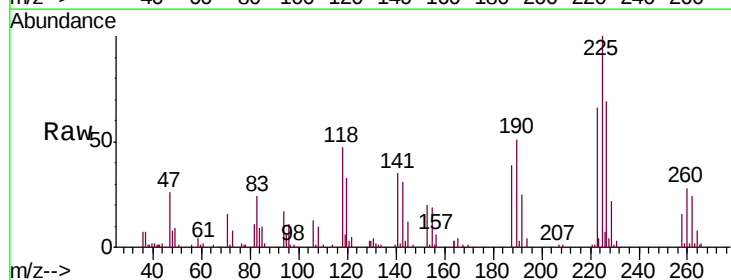


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

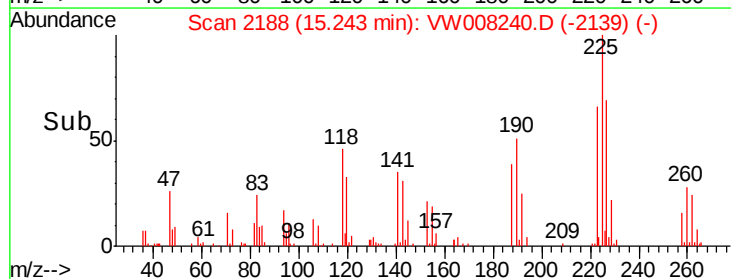
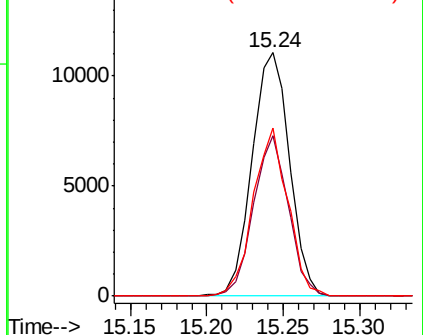


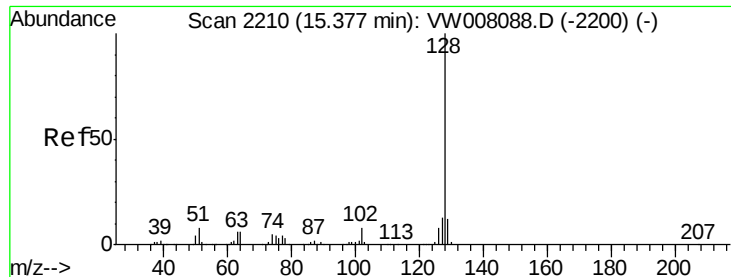
#94
Hexachlorobutadiene
Concen: 23.038 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Tgt Ion:225 Resp: 18853
Ion Ratio Lower Upper
225 100
223 61.3 31.4 94.3
227 64.0 32.0 96.2



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

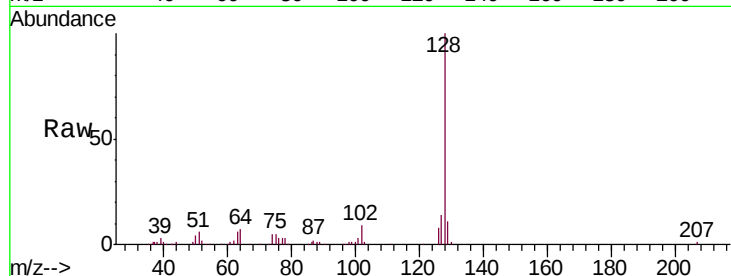




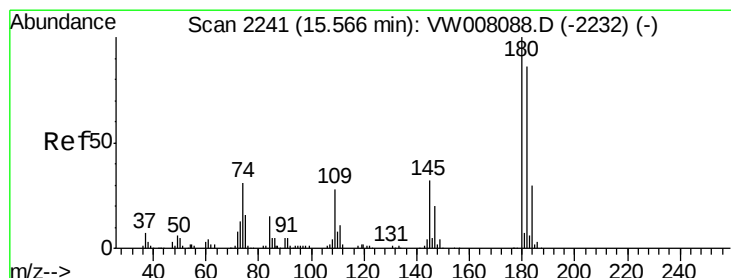
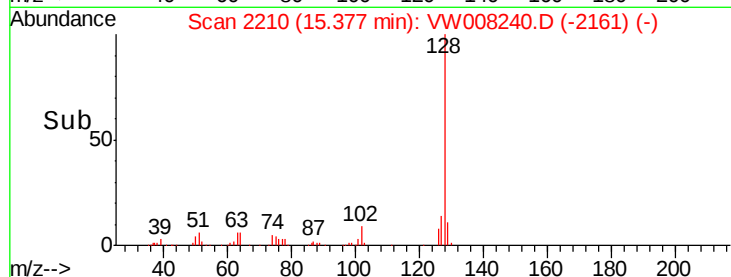
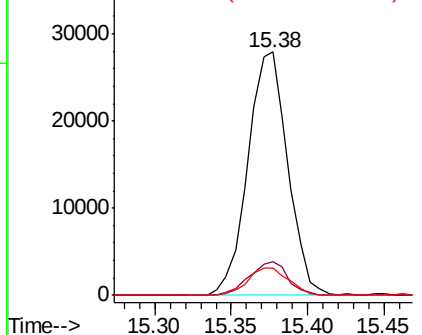
#95
Naphthalene
Concen: 17.689 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Instrument :
MSVOA_W
ClientSampleId :
VW0114SBS01

Tgt Ion:128 Resp: 50500
Ion Ratio Lower Upper
128 100
127 13.6 11.0 16.4
129 11.6 9.0 13.6

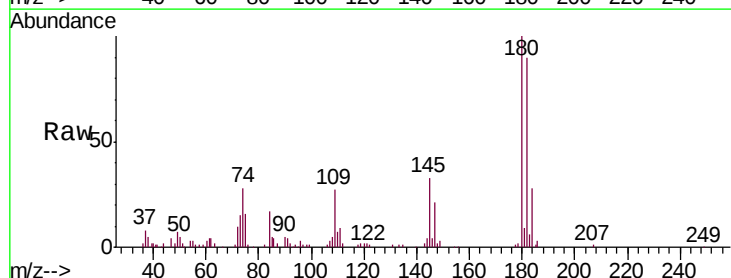


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.709 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008240.D
Acq: 14 Jan 2019 12:12

Tgt Ion:180 Resp: 26991
Ion Ratio Lower Upper
180 100
182 88.5 46.5 139.3
145 32.6 17.4 52.2



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

