

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121818\
 Data File : VW007607.D
 Acq On : 16 Dec 2018 03:49
 Operator : SY/AP
 Sample : J6378-13MSD
 Misc : 3.94G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 17 00:15:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	51260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	86206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	46746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	11347	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	36923	64.93	ug/l	0.00
Spiked Amount			Recovery	=	129.86%	
35) Dibromofluoromethane	7.88	113	29946	57.39	ug/l	0.00
Spiked Amount			Recovery	=	114.78%	
50) Toluene-d8	10.32	98	86737	44.33	ug/l	0.00
Spiked Amount			Recovery	=	88.66%	
62) 4-Bromofluorobenzene	12.62	95	18171	25.26	ug/l	0.00
Spiked Amount			Recovery	=	50.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	21713	60.616	ug/l	99
3) Chloromethane	2.21	50	19131	63.770	ug/l	96
4) Vinyl Chloride	2.37	62	27166	77.163	ug/l	96
5) Bromomethane	2.78	94	16909	71.484	ug/l	99
6) Chloroethane	2.93	64	14631	75.496	ug/l	95
7) Trichlorofluoromethane	3.26	101	17960	56.742	ug/l	99
8) Diethyl Ether	3.68	74	18635	75.222	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	25569	48.958	ug/l	98
10) Methyl Iodide	4.27	142	49667	57.420	ug/l	99
11) Tert butyl alcohol	5.17	59	16023	410.248	ug/l #	74
12) 1,1-Dichloroethene	4.04	96	30467	60.589	ug/l	97
13) Acrolein	3.89	56	2250	87.062	ug/l	84
14) Allyl chloride	4.66	41	37366	50.413	ug/l	99
15) Acrylonitrile	5.37	53	60087	575.361	ug/l #	83
16) Acetone	4.12	43	51897	522.455	ug/l	93
17) Carbon Disulfide	4.37	76	85366	55.990	ug/l	98
18) Methyl Acetate	4.67	43	50604	187.700	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	54432	71.756	ug/l #	1
20) Methylene Chloride	4.92	84	36421	68.498	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	33270	59.145	ug/l	99
22) Diisopropyl ether	6.31	45	91853	64.472	ug/l	97
23) Vinyl Acetate	6.25	43	103646	130.064	ug/l	99
24) 1,1-Dichloroethane	6.21	63	59029	61.303	ug/l	99
25) 2-Butanone	7.17	43	65080	501.852	ug/l	100
26) 2,2-Dichloropropane	7.17	77	32486	50.977	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	41309	67.068	ug/l	99
28) Bromochloromethane	7.51	49	23754	65.584	ug/l	98
29) Tetrahydrofuran	7.53	42	36895	449.414	ug/l	97
30) Chloroform	7.67	83	64559	61.610	ug/l	97
31) Cyclohexane	7.95	56	152567	172.695	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	48912	53.228	ug/l	99
36) 1,1-Dichloropropene	8.08	75	39866	50.694	ug/l	99
37) Ethyl Acetate	7.25	43	22625	77.353	ug/l	100
38) Carbon Tetrachloride	8.07	117	42116	49.220	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	159464	167.460	ug/l	92
40) Benzene	8.32	78	370724	169.870	ug/l	100
41) Methacrylonitrile	7.48	41	14938	89.685	ug/l	98
42) 1,2-Dichloroethane	8.40	62	49901	72.789	ug/l	90
43) Isopropyl Acetate	8.43	43	51017	88.301	ug/l	96
44) Trichloroethene	9.09	130	30690	49.246	ug/l	99
45) 1,2-Dichloropropane	9.37	63	31294	61.964	ug/l	90
46) Dibromomethane	9.46	93	19638	68.473	ug/l	93
47) Bromodichloromethane	9.65	83	43492	57.813	ug/l	94
48) Methyl methacrylate	9.44	41	25523	86.015	ug/l	98
49) 1,4-Dioxane	9.45	88	7073	1519.919	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	116543	426.912	ug/l	98
52) Toluene	10.39	92	3361489	2380.096	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	40983	56.115	ug/l	92
54) cis-1,3-Dichloropropene	10.07	75	47392	56.133	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	31928	81.796	ug/l	96
56) Ethyl methacrylate	10.65	69	35023	74.649	ug/l #	67
57) 1,3-Dichloropropane	10.93	76	41747	65.160	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	43651	201.755	ug/l	99
59) 2-Hexanone	10.97	43	78453	430.989	ug/l	98
60) Dibromochloromethane	11.13	129	26592	53.983	ug/l	100
61) 1,2-Dibromoethane	11.24	107	22708	58.868	ug/l	98
64) Tetrachloroethene	10.86	164	15920	47.358	ug/l	88
65) Chlorobenzene	11.66	112	1315405	1350.054	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	20710	60.351	ug/l	99
67) Ethyl Benzene	11.74	91	2656335	1585.727	ug/l #	89
68) m/p-Xylenes	11.85	106	14035949	21553.097	ug/l #	71
69) o-Xylene	12.17	106	2402008	3949.355	ug/l	79
70) Styrene	12.18	104	173972	177.093	ug/l #	1
71) Bromoform	12.35	173	11751	66.902	ug/l #	89
73) Isopropylbenzene	12.47	105	171440	197.182	ug/l	99
74) N-amyl acetate	12.27	43	19749	124.982	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.72	83	20088	155.992	ug/l	95
76) 1,2,3-Trichloropropane	12.76	75	27407	292.937	ug/l #	1
77) Bromobenzene	12.75	156	15091	78.304	ug/l	82
78) n-propylbenzene	12.81	91	193268	197.517	ug/l	96
79) 2-Chlorotoluene	12.99	91	39684	67.027	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	239363	327.646	ug/l	91
81) trans-1,4-Dichloro-2-buten	12.52	75	6555	154.769	ug/l	94
82) 4-Chlorotoluene	12.99	91	39684	63.587	ug/l	97
83) tert-Butylbenzene	13.21	119	42894	66.635	ug/l	92
84) 1,2,4-Trimethylbenzene	13.26	105	743620	989.150	ug/l	97
85) sec-Butylbenzene	13.39	105	51588	58.706	ug/l	95
86) p-Isopropyltoluene	13.50	119	213854	270.890	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	98518	256.390	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	696847	1803.904	ug/l	94
89) n-Butylbenzene	13.83	91	53058	72.498	ug/l #	73
90) Hexachloroethane	14.10	117	11950	85.074	ug/l	59
91) 1,2-Dichlorobenzene	13.87	146	24796	72.048	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3857	149.249	ug/l	91

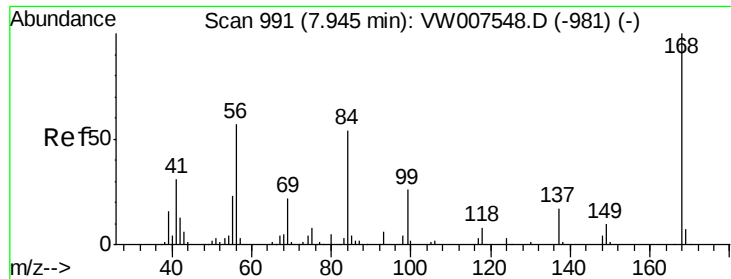
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	6725	28.394	ug/l #	84
94) Hexachlorobutadiene	15.24	225	3289	26.172	ug/l	98
95) Naphthalene	15.38	128	323065	713.019	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	6148	29.882	ug/l #	71

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

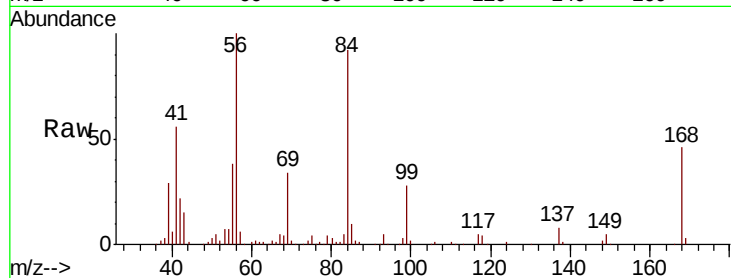
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 51260

Ion Ratio Lower Upper

168 100

99 61.1 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

25000

20000

15000

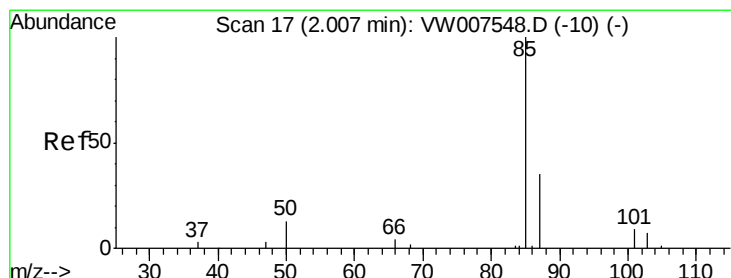
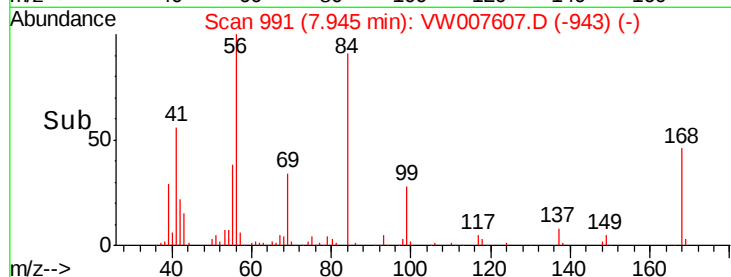
10000

5000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 60.616 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW007607.D

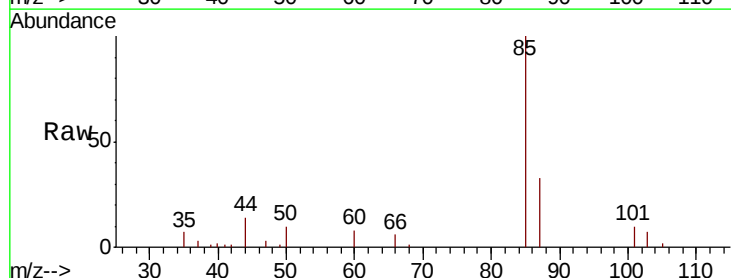
Acq: 16 Dec 2018 03:49

Tgt Ion: 85 Resp: 21713

Ion Ratio Lower Upper

85 100

87 33.5 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

6000

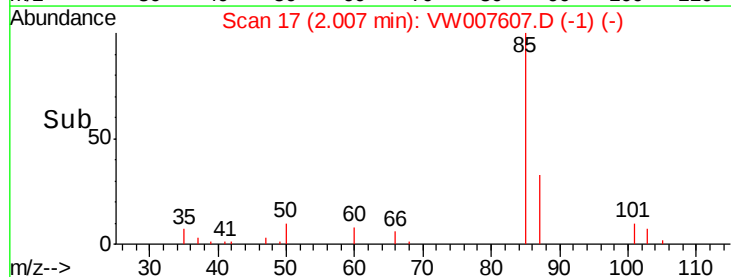
4000

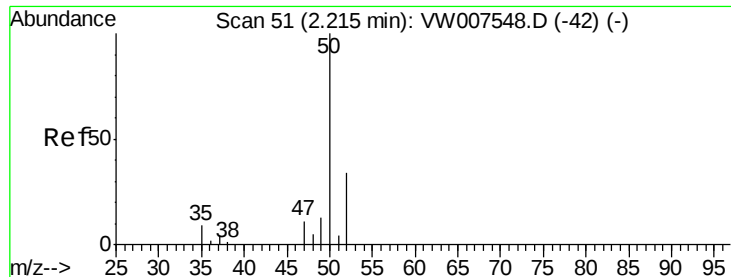
2000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 63.770 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Instrument :

MSVOA_W

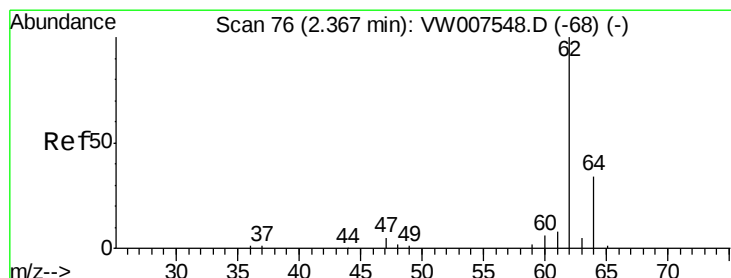
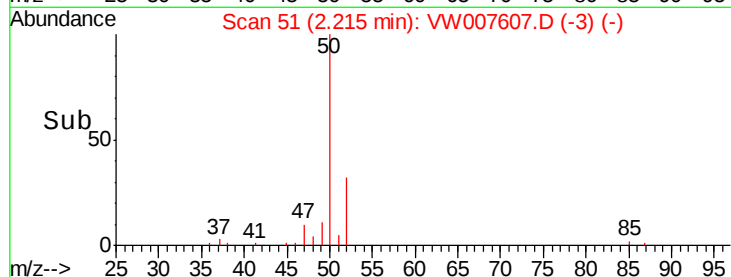
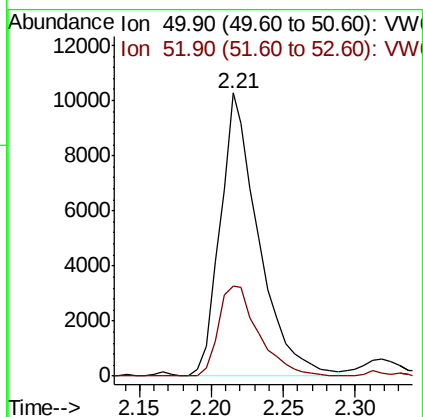
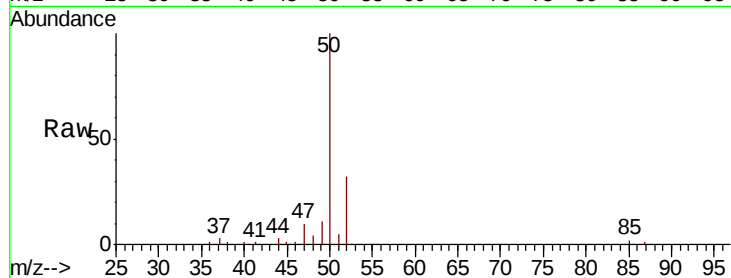
ClientSampled :

Tot Ion: 50 Resp: 19131

Ion Ratio Lower Upper

50 100

52 32.0 27.4 41.0



#4

Vinyl Chloride

Concen: 77.163 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.01 min

Lab File: VW007607.D

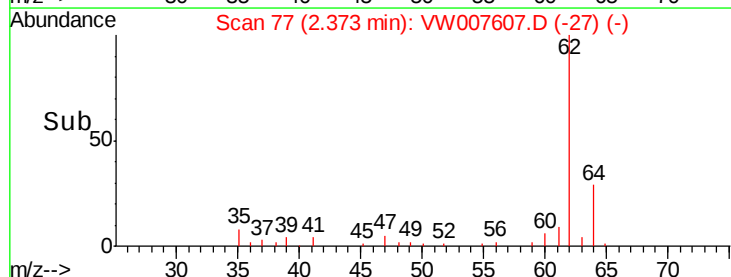
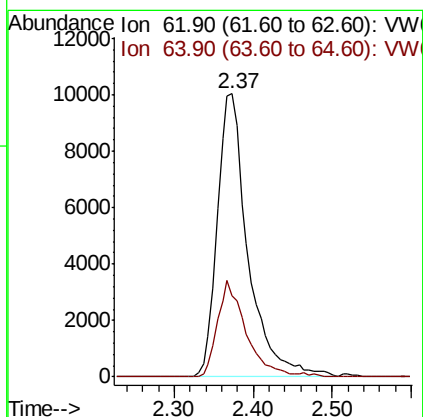
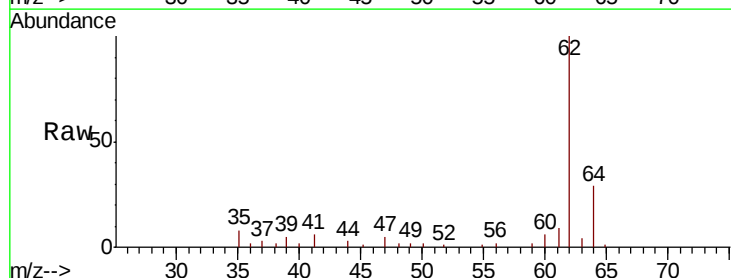
Acq: 16 Dec 2018 03:49

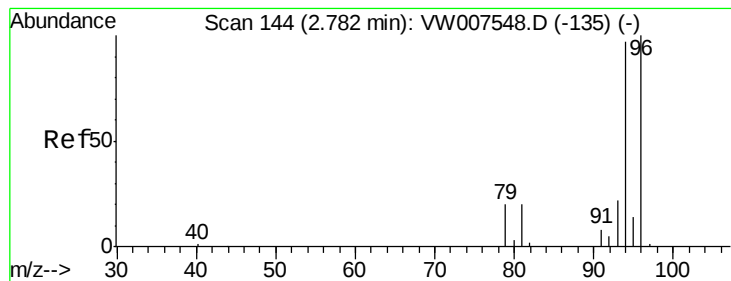
Tgt Ion: 62 Resp: 27166

Ion Ratio Lower Upper

62 100

64 28.7 24.6 37.0





#5

Bromomethane

Concen: 71.484 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Instrument :

MSVOA_W

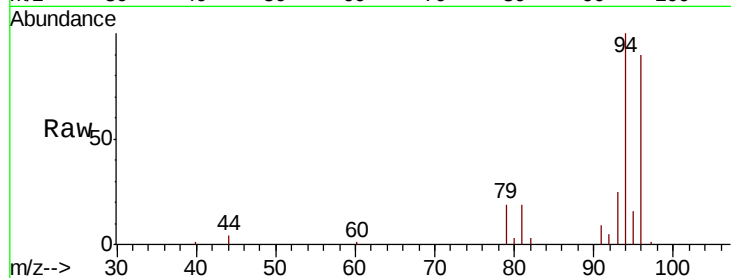
ClientSampleId :

Tot Ion: 94 Resp: 16909

Ion Ratio Lower Upper

94 100

96 90.0 71.0 106.4



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

8000

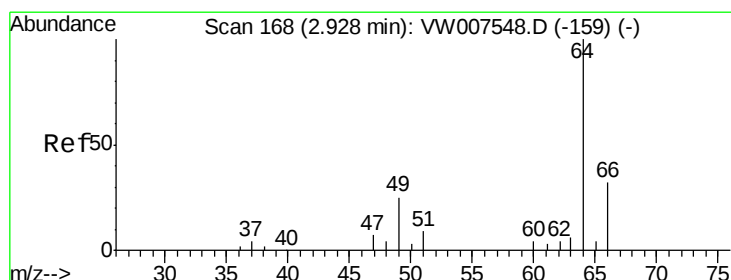
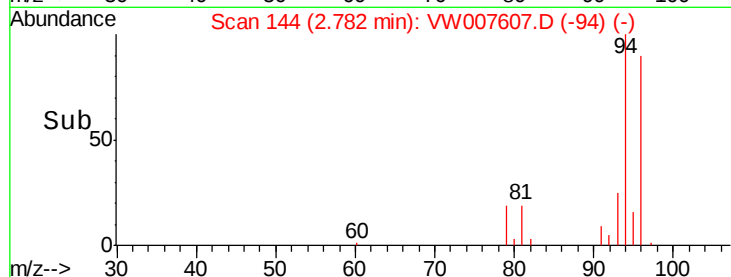
6000

4000

2000

0

Time-->



#6

Chloroethane

Concen: 75.496 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW007607.D

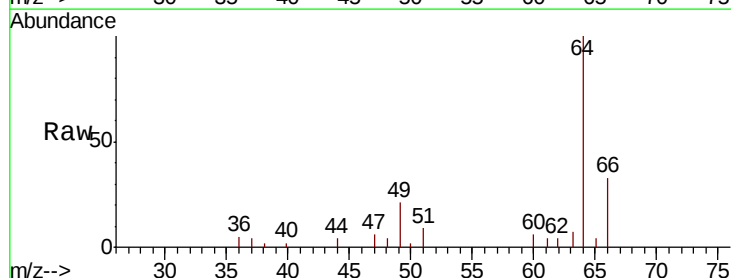
Acq: 16 Dec 2018 03:49

Tgt Ion: 64 Resp: 14631

Ion Ratio Lower Upper

64 100

66 33.4 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.93

6000

5000

4000

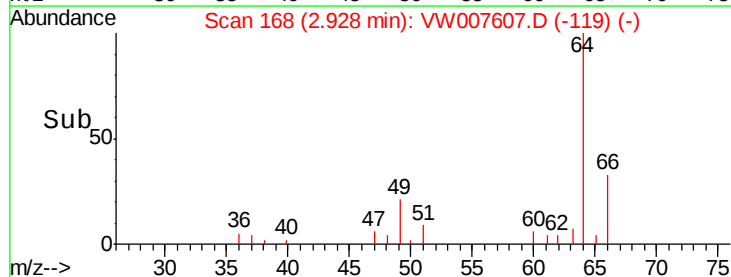
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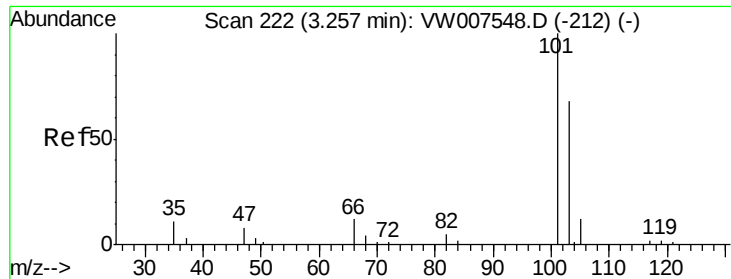
2000

1000

0

Time-->



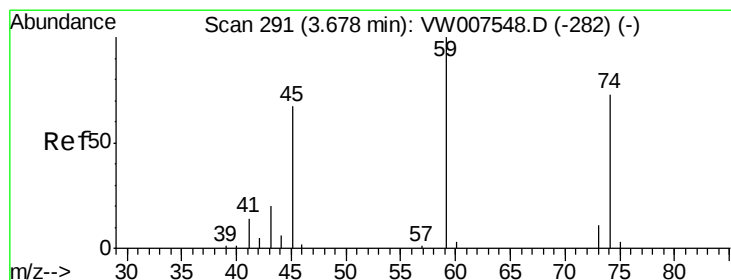
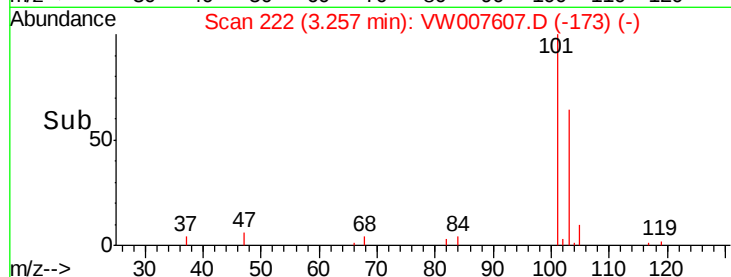
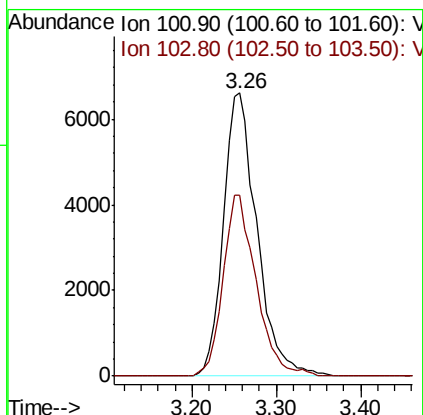
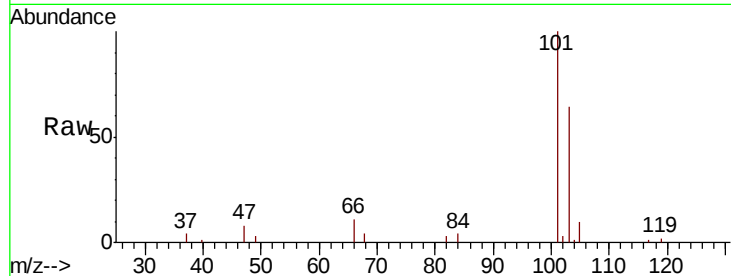


#7

Trichlorofluoromethane
 Concen: 56.742 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW007607.D
 Acq: 16 Dec 2018 03:49

Instrument :
 MSVOA_W
 ClientSampled :

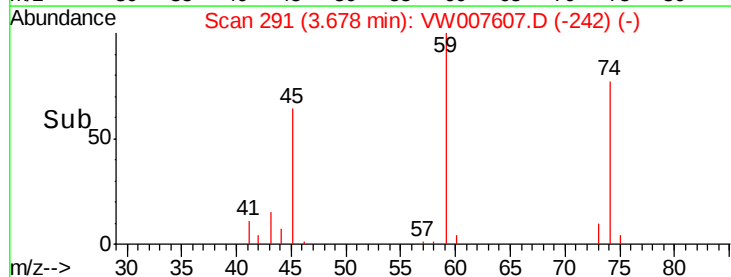
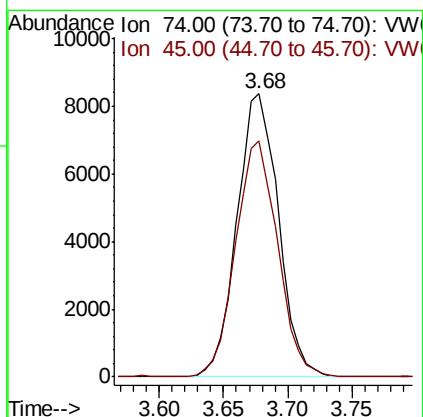
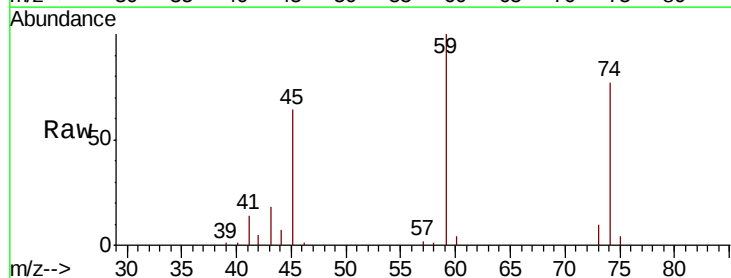
Tot Ion:101 Resp: 17960
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.7 77.5

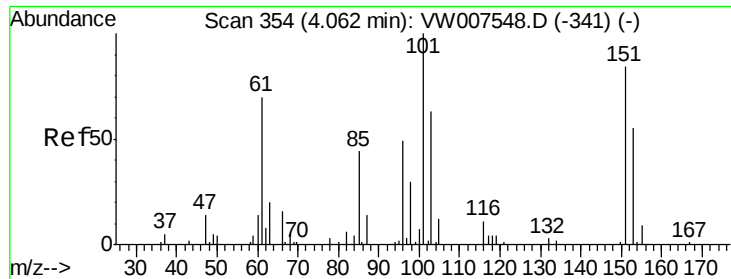


#8

Diethyl Ether
 Concen: 75.222 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW007607.D
 Acq: 16 Dec 2018 03:49

Tgt Ion: 74 Resp: 18635
 Ion Ratio Lower Upper
 74 100
 45 84.7 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.958 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.00 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Instrument :

MSVOA_W

ClientSampled :

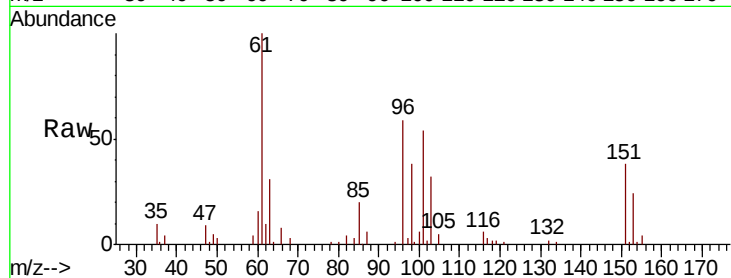
Tot Ion:101 Resp: 25569

Ion Ratio Lower Upper

101 100

85 40.5 33.9 50.9

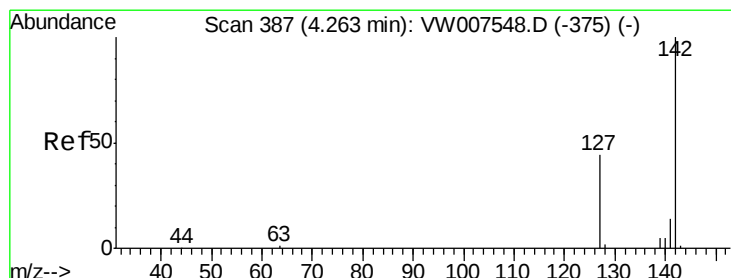
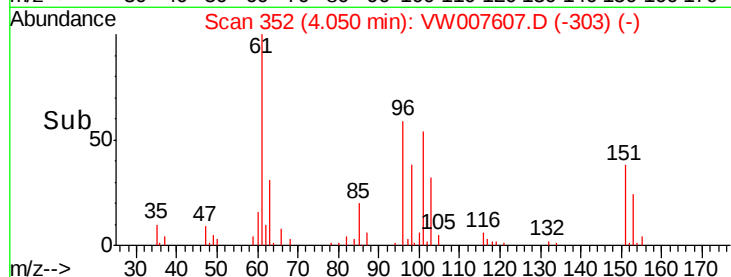
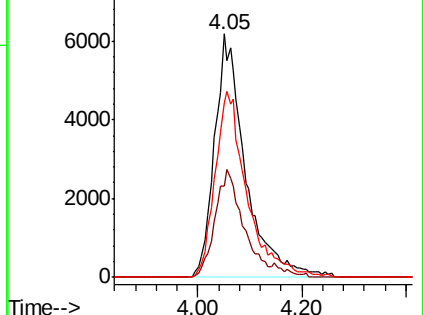
151 78.8 63.7 95.5



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: 57.420 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

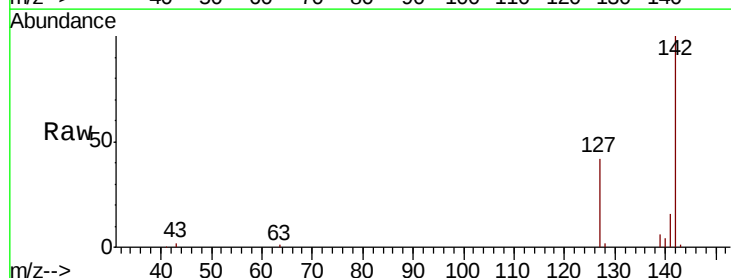
Tgt Ion:142 Resp: 49667

Ion Ratio Lower Upper

142 100

127 45.0 35.8 53.6

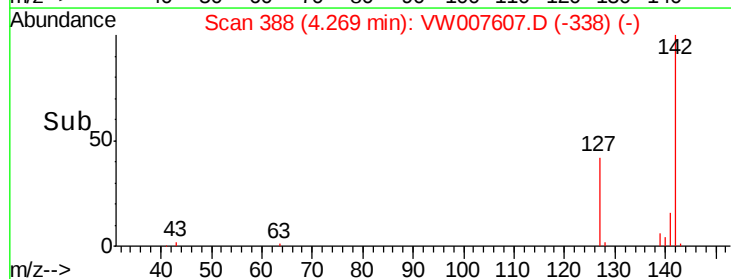
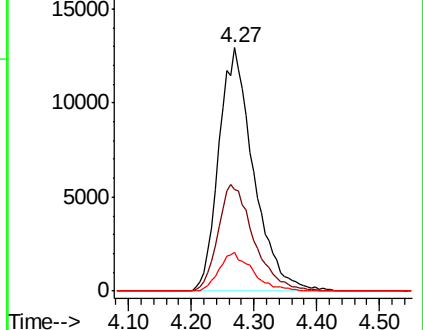
141 15.2 11.1 16.7

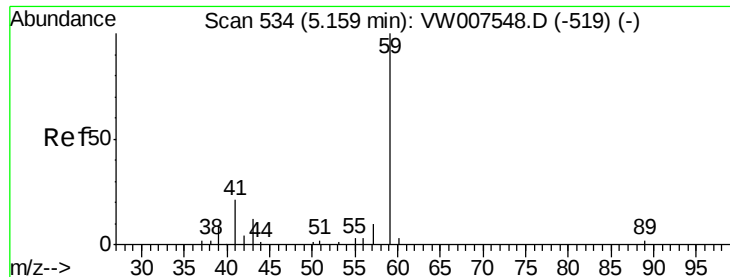


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

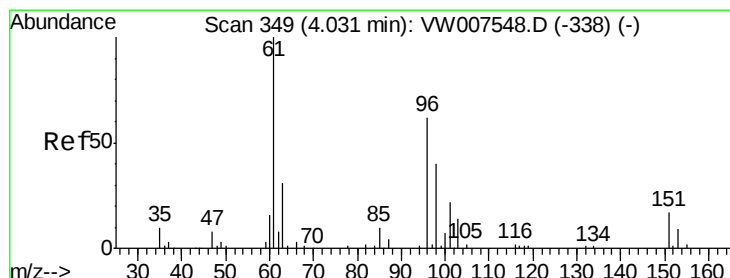
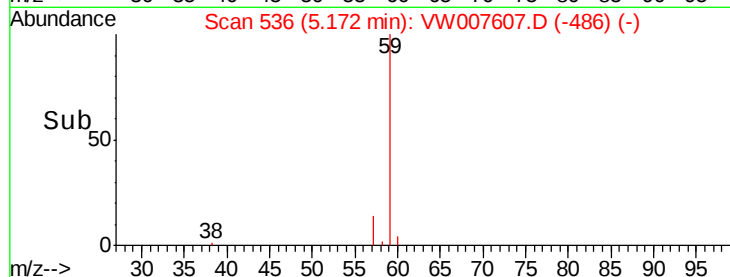
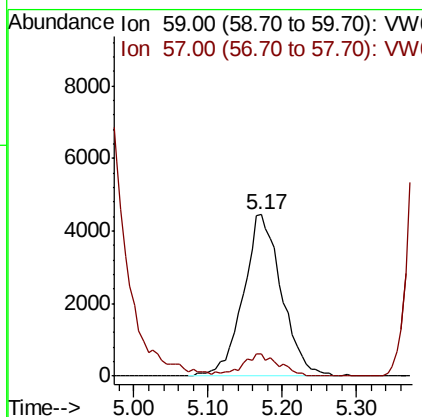
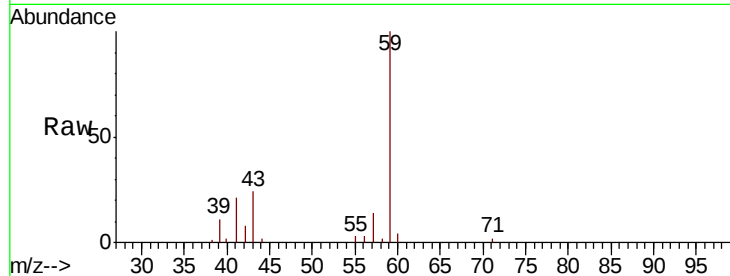




#11
Tert butyl alcohol
Concen: 410.248 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

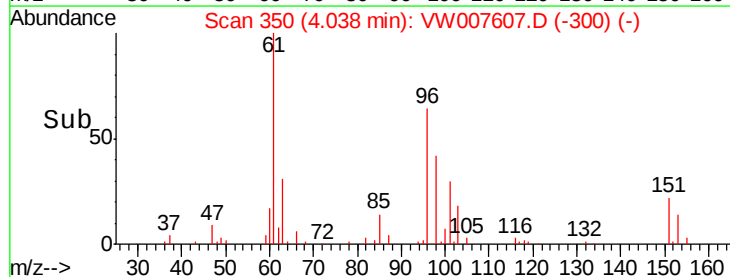
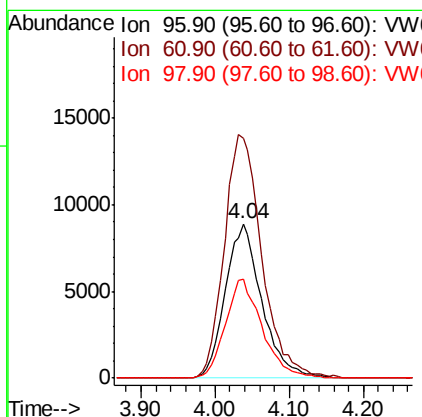
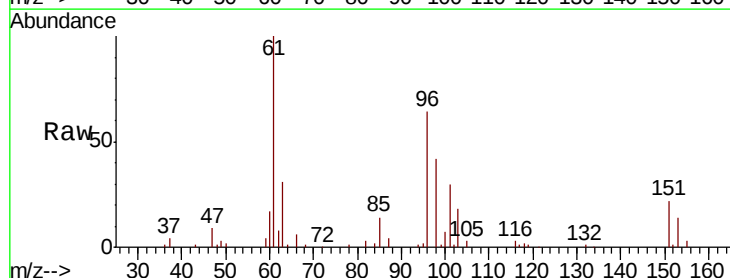
Instrument :
MSVOA_W
ClientSampled :

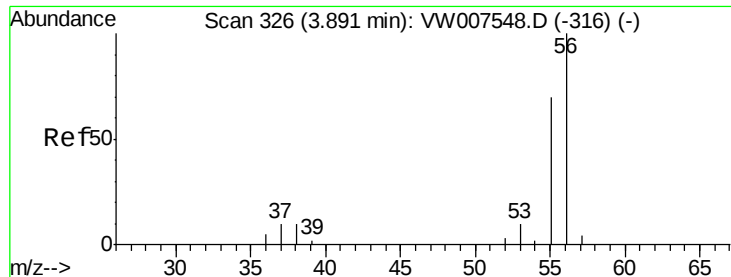
Tot Ion: 59 Resp: 16023
Ion Ratio Lower Upper
59 100
57 0.0 7.6 11.4#



#12
1,1-Dichloroethene
Concen: 60.589 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.01 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Tgt Ion: 96 Resp: 30467
Ion Ratio Lower Upper
96 100
61 155.2 126.2 189.2
98 64.5 48.3 72.5





#13

Acrolein

Concen: 87.062 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Instrument :

MSVOA_W

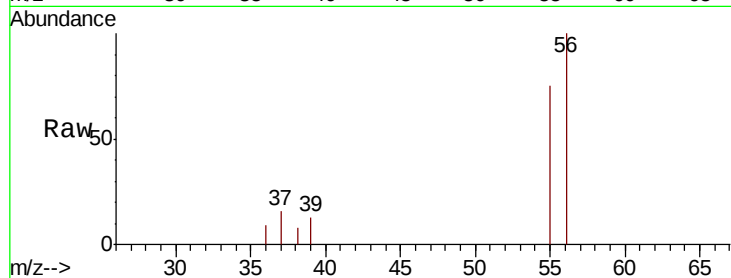
ClientSampled :

Tot Ion: 56 Resp: 2250

Ion Ratio Lower Upper

56 100

55 85.1 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.89

800

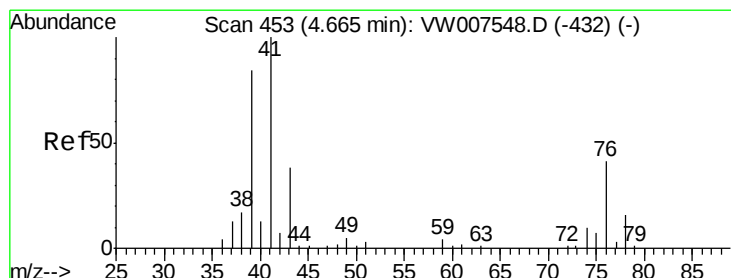
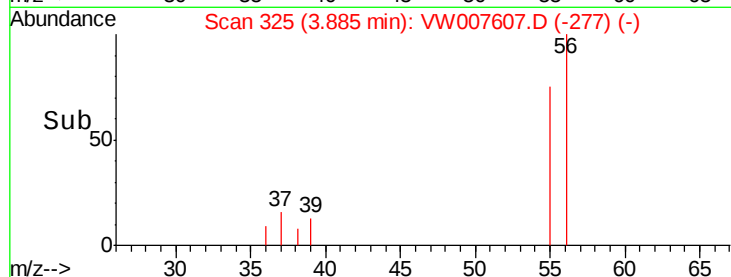
600

400

200

0

Time--> 3.80 3.85 3.90 3.95



#14

Allyl chloride

Concen: 50.413 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

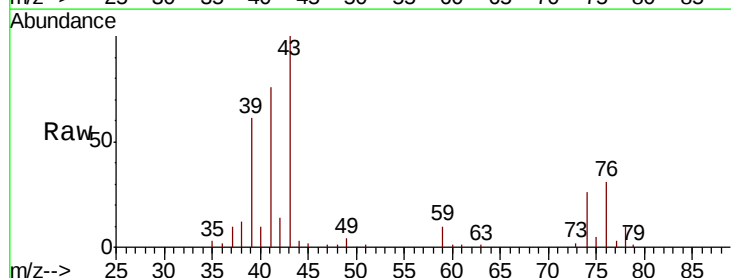
Tgt Ion: 41 Resp: 37366

Ion Ratio Lower Upper

41 100

39 78.7 63.4 95.2

76 39.8 32.1 48.1



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

4.66

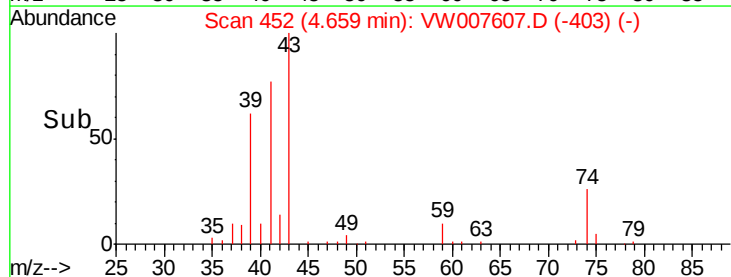
15000

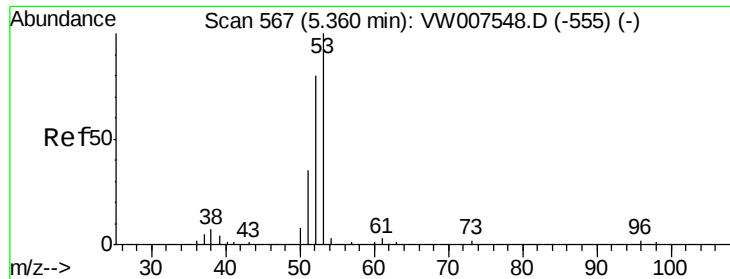
10000

5000

0

Time--> 4.50 4.60 4.70 4.80





#15

Acrylonitrile

Concen: 575.361 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Instrument :

MSVOA_W

ClientSampleId :

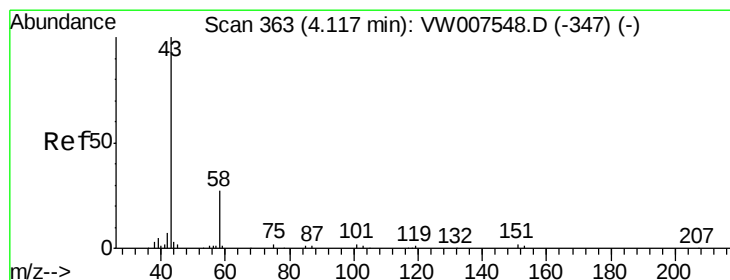
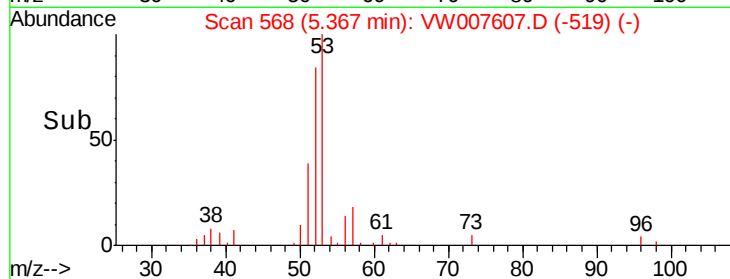
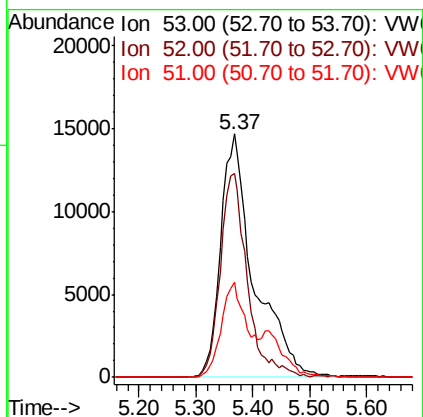
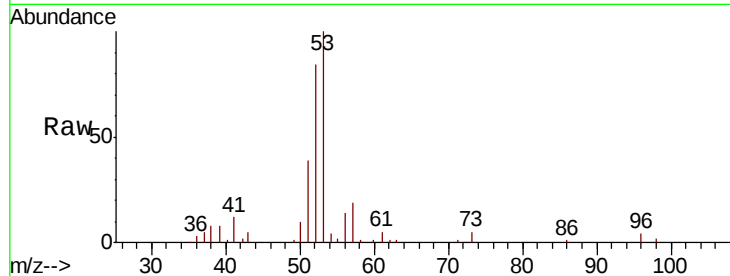
Tot Ion: 53 Resp: 60087

Ion Ratio Lower Upper

53 100

52 67.4 67.4 101.2

51 29.9 30.2 45.2#



#16

Acetone

Concen: 522.455 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007607.D

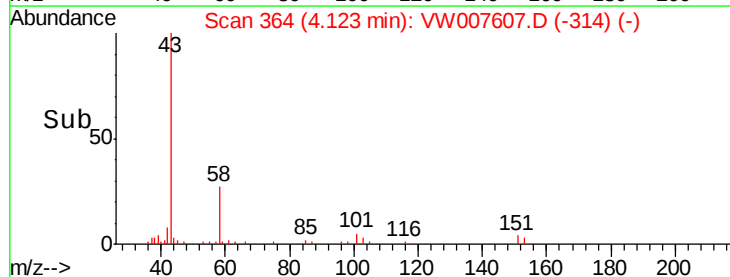
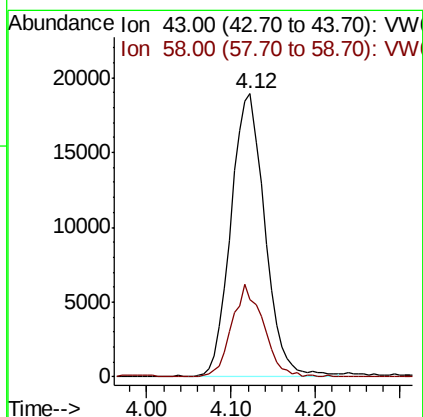
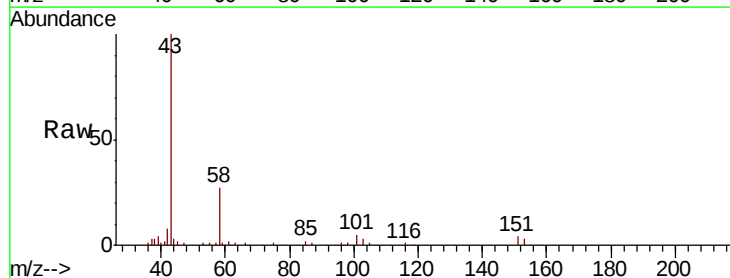
Acq: 16 Dec 2018 03:49

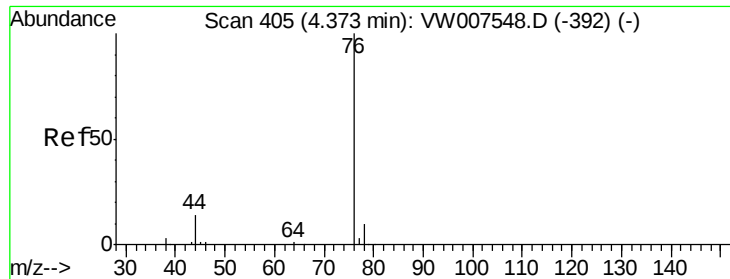
Tgt Ion: 43 Resp: 51897

Ion Ratio Lower Upper

43 100

58 27.4 24.9 37.3

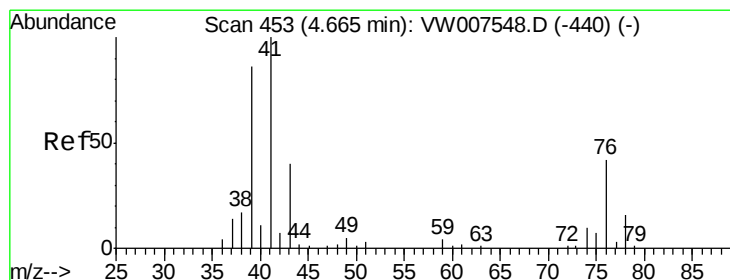
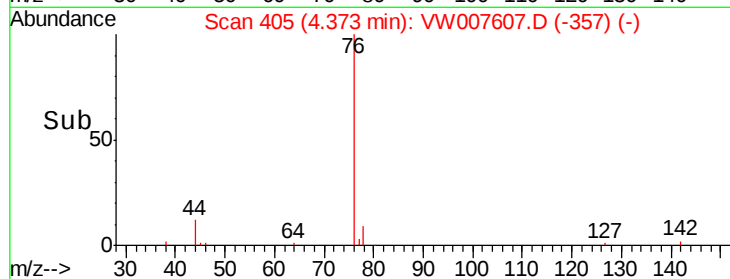
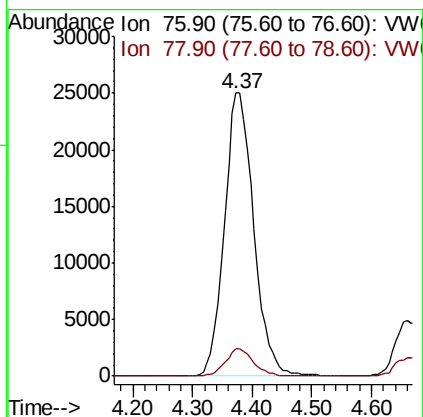
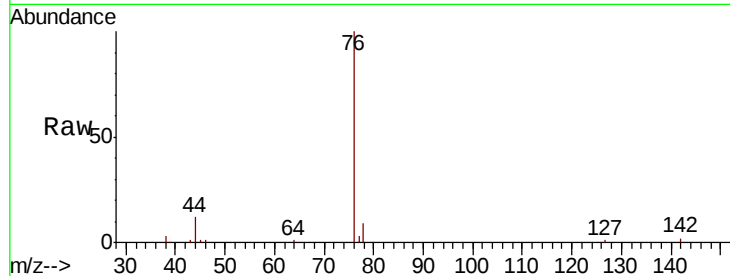




#17
Carbon Disulfide
Concen: 55.990 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

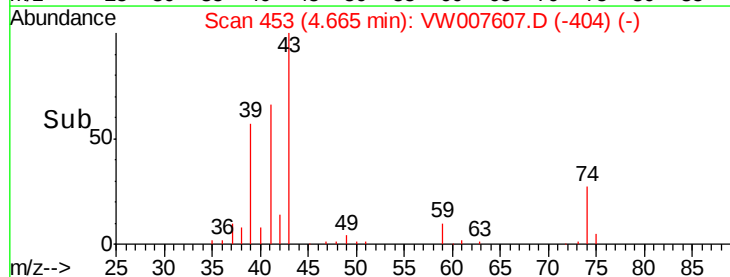
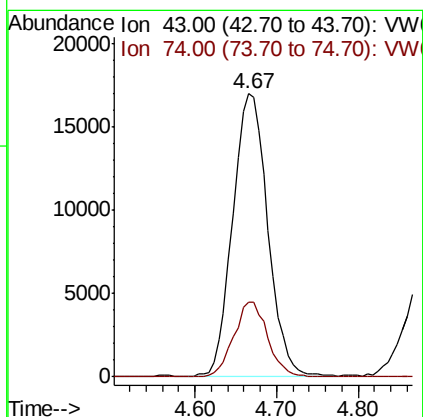
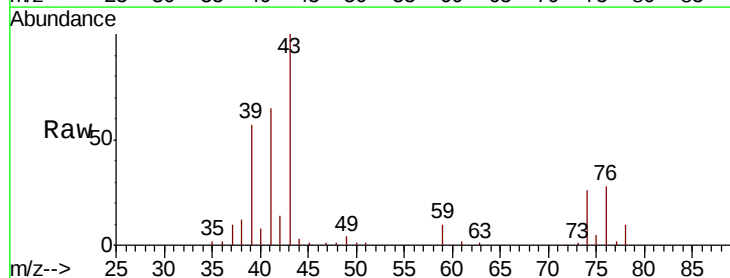
Instrument :
MSVOA_W
ClientSampled :

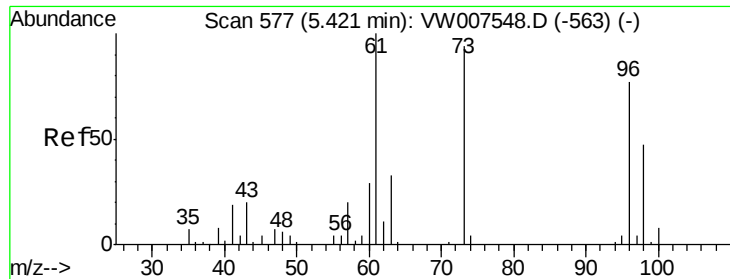
Tot Ion: 76 Resp: 85366
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7



#18
Methyl Acetate
Concen: 187.700 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Tgt Ion: 43 Resp: 50604
Ion Ratio Lower Upper
43 100
74 25.4 21.1 31.7

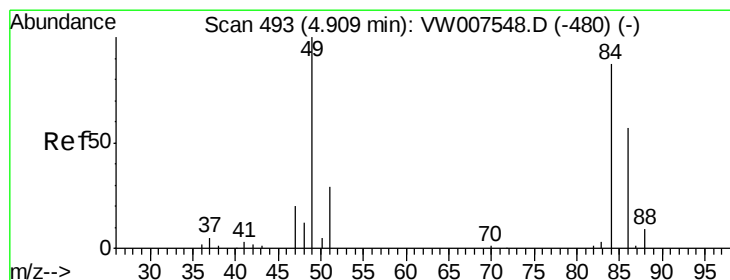
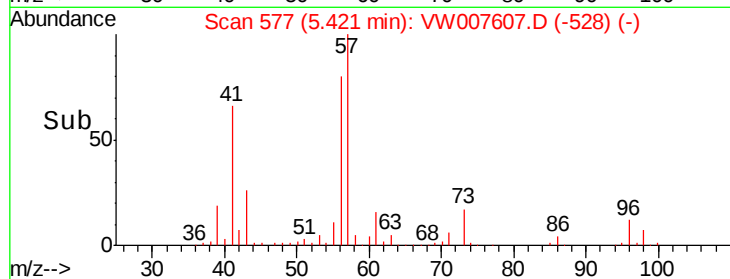
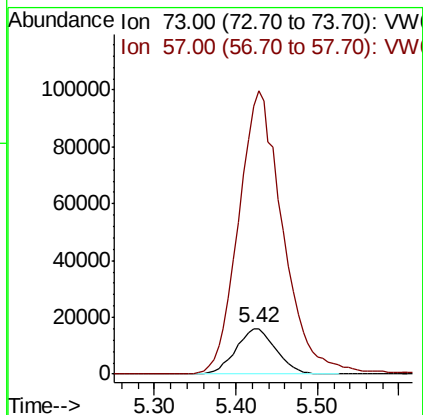
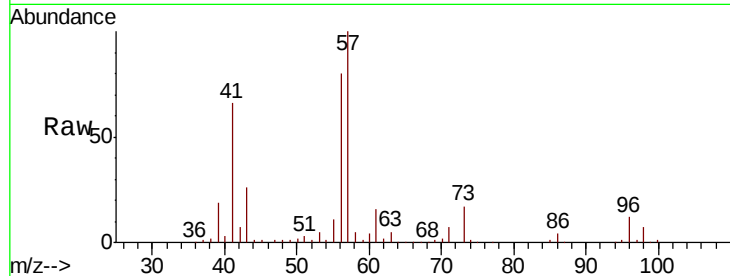




#19
Methvl tert-butvl Ether
Concen: 71.756 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

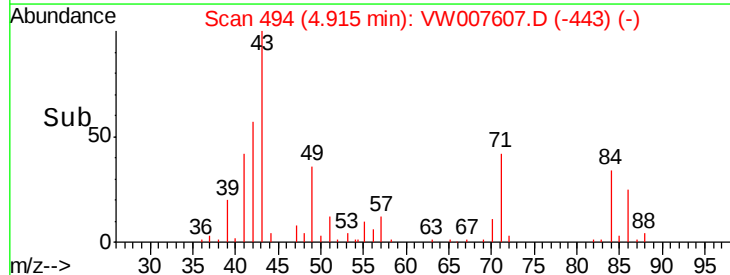
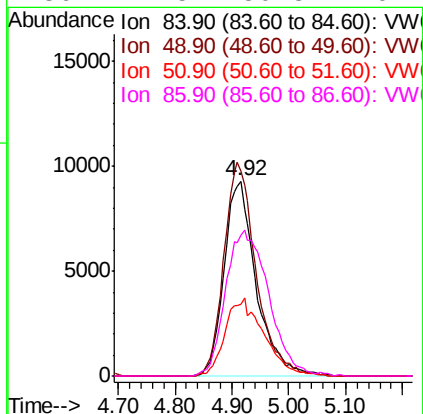
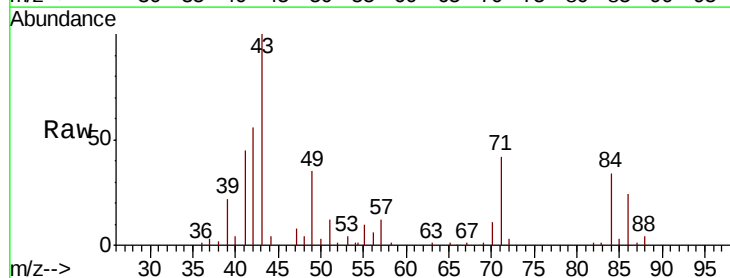
Instrument :
MSVOA_W
ClientSampleId :

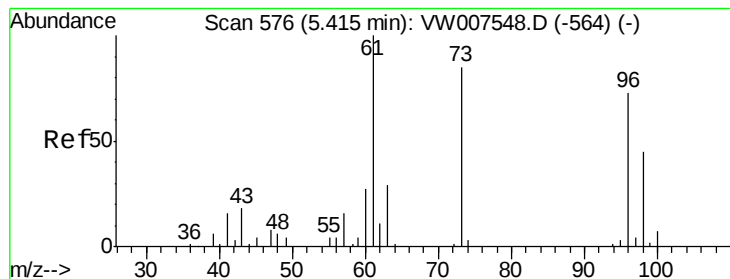
Tot Ion: 73 Resp: 54432
Ion Ratio Lower Upper
73 100
57 587.1 16.4 24.6#



#20
Methylene Chloride
Concen: 68.498 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Tgt Ion: 84 Resp: 36421
Ion Ratio Lower Upper
84 100
49 105.4 87.1 130.7
51 36.7 28.2 42.2
86 72.5 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 59.145 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Instrument :

MSVOA_W

ClientSampleId :

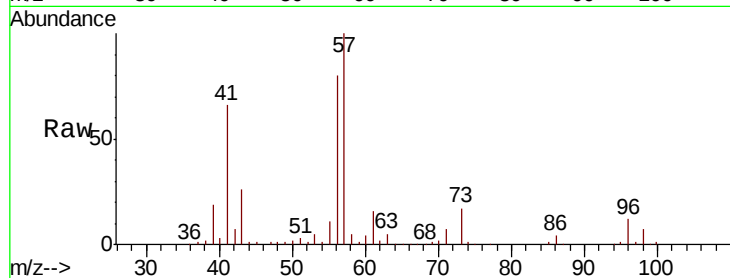
Tot Ion: 96 Resp: 33270

Ion Ratio Lower Upper

96 100

61 130.3 105.0 157.6

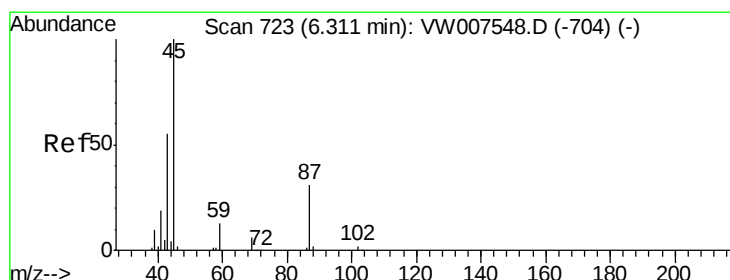
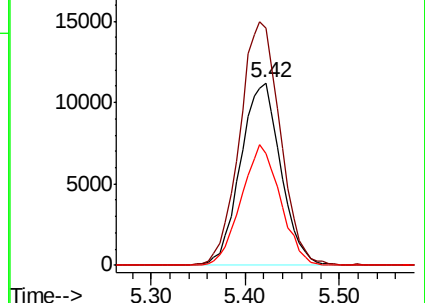
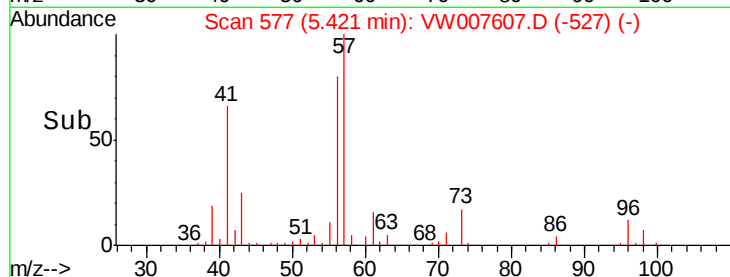
98 61.0 49.7 74.5



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 64.472 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Tgt Ion: 45 Resp: 91853

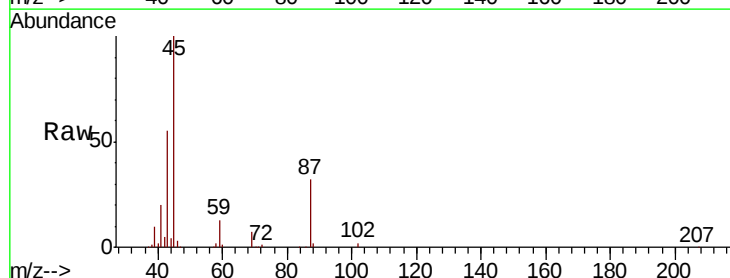
Ion Ratio Lower Upper

45 100

43 54.7 41.6 62.4

87 32.3 24.3 36.5

59 12.2 9.4 14.0

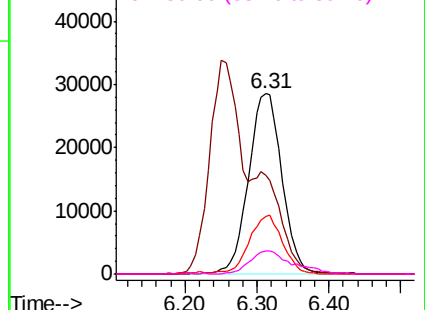
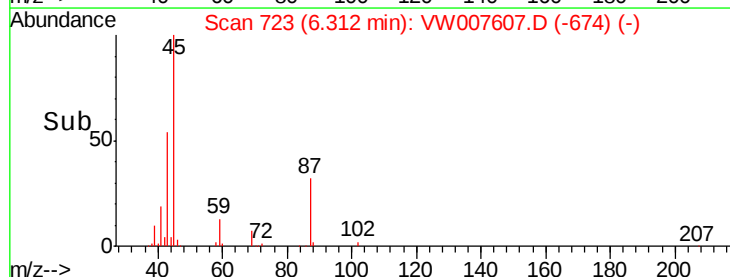


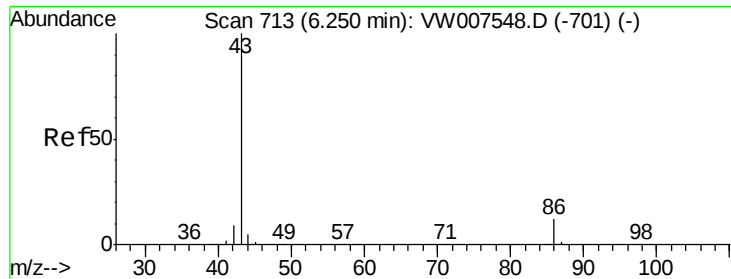
Abundance Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 130.064 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

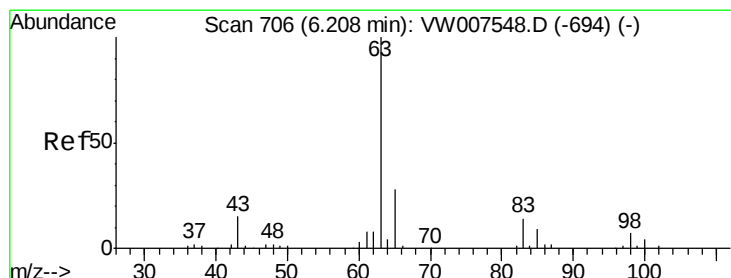
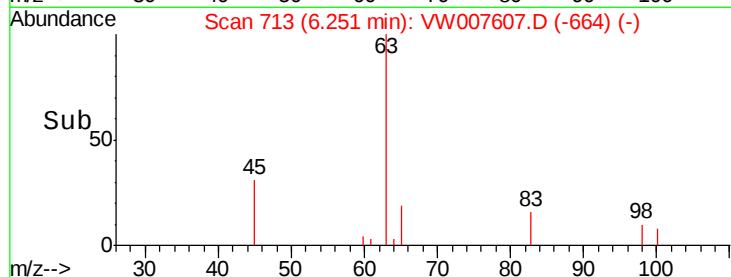
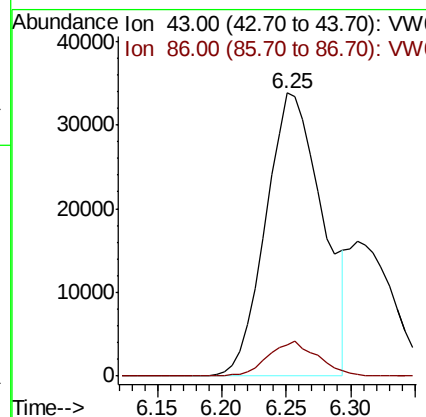
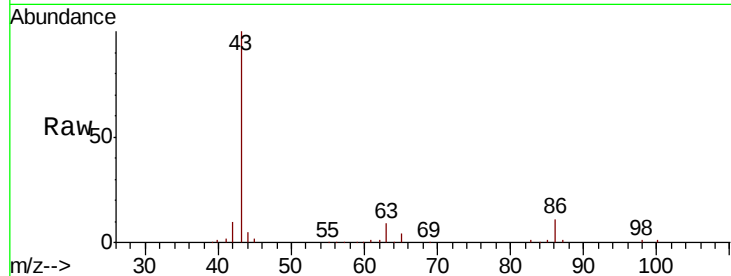
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 103646

Ion Ratio Lower Upper

43 100

86 11.2 8.6 12.8



#24

1,1-Dichloroethane

Concen: 61.303 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

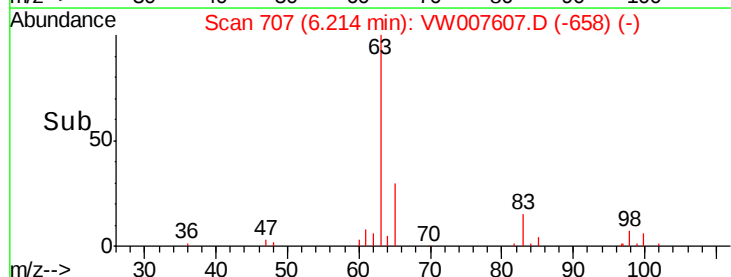
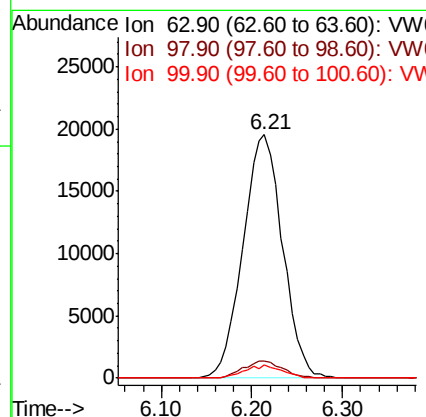
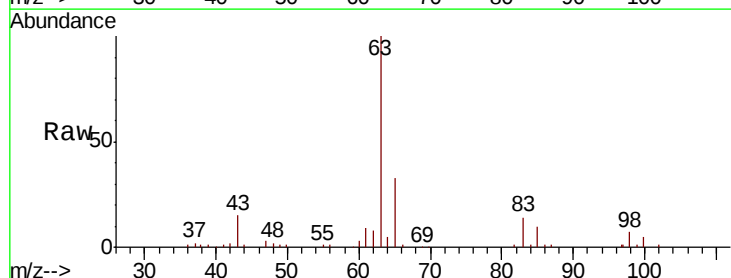
Tgt Ion: 63 Resp: 59029

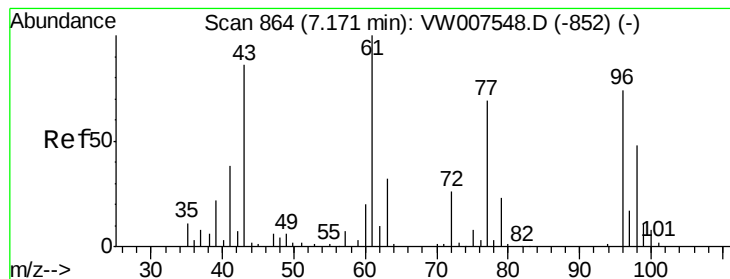
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

100 5.5 2.5 7.5





#25

2-Butanone

Concen: 501.852 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

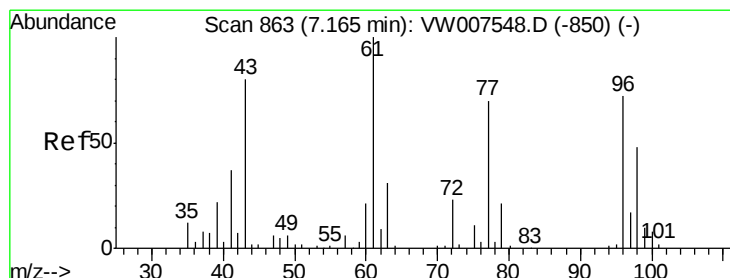
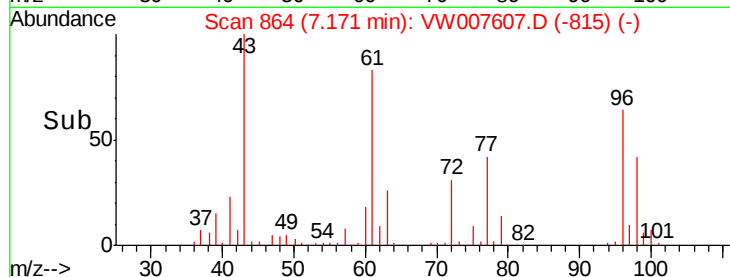
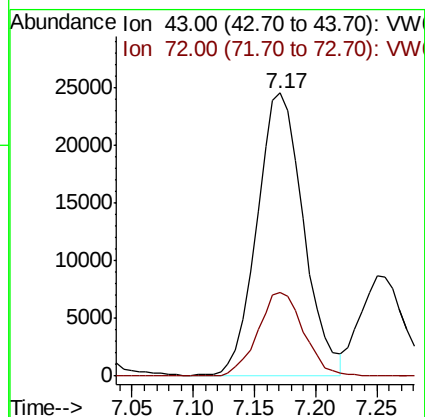
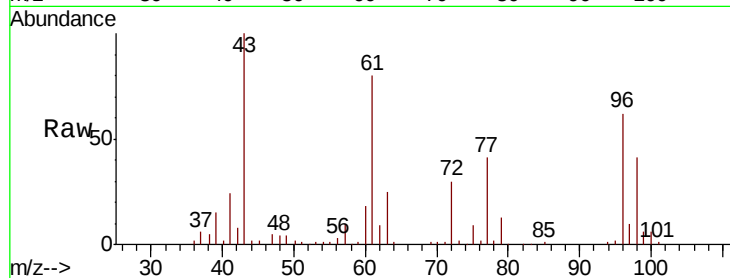
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 65080

Ion Ratio Lower Upper

43 100

72 29.5 23.4 35.2



#26

2,2-Dichloropropane

Concen: 50.977 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007607.D

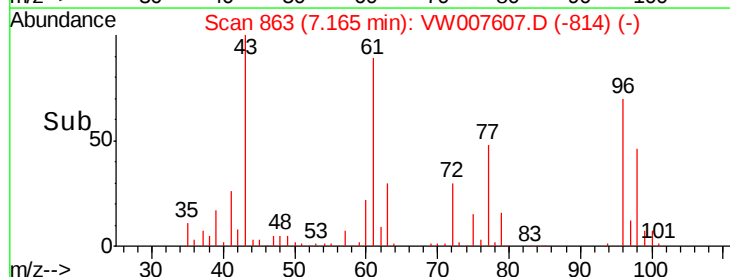
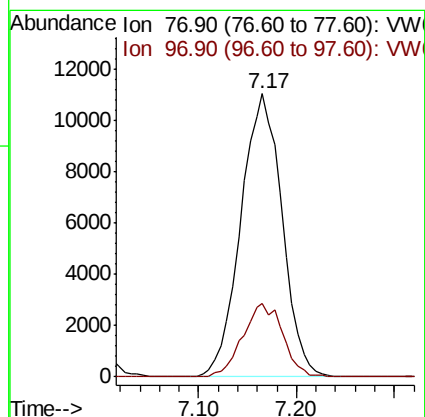
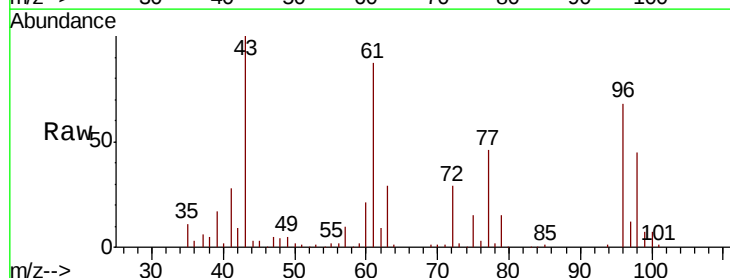
Acq: 16 Dec 2018 03:49

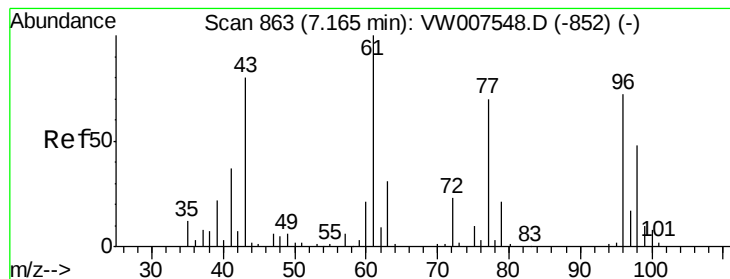
Tgt Ion: 77 Resp: 32486

Ion Ratio Lower Upper

77 100

97 25.2 11.6 34.8



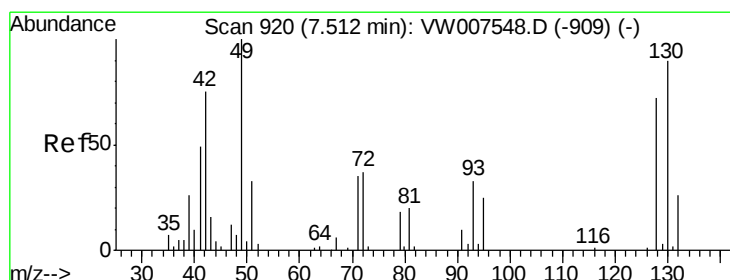
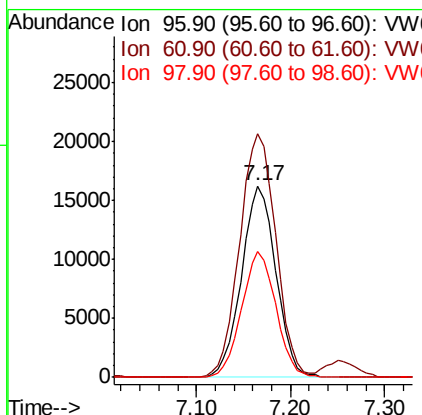
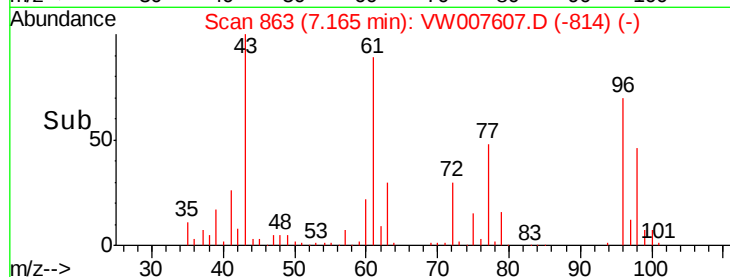
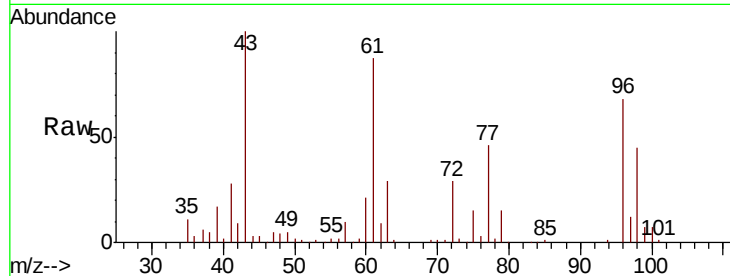


#27

cis-1,2-Dichloroethene
 Concen: 67.068 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW007607.D
 Acq: 16 Dec 2018 03:49

Instrument :
 MSVOA_W
 ClientSampled :

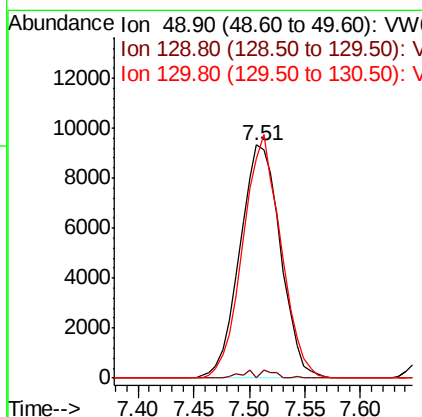
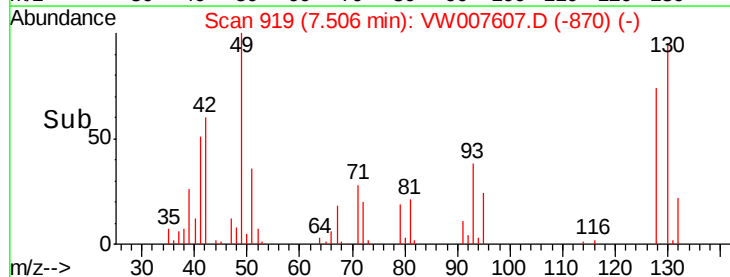
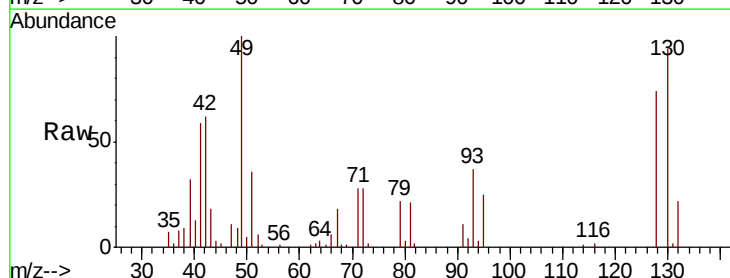
Tot Ion: 96 Resp: 41309
 Ion Ratio Lower Upper
 96 100
 61 133.9 0.0 268.4
 98 65.4 0.0 127.8

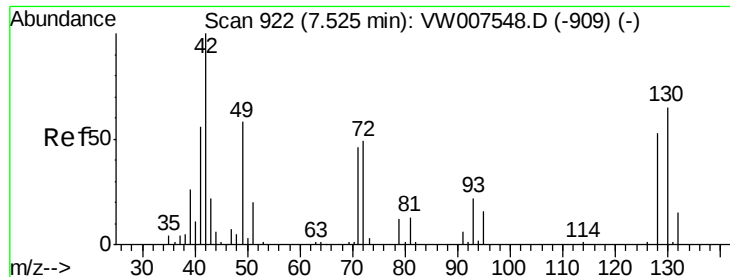


#28

Bromochloromethane
 Concen: 65.584 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VW007607.D
 Acq: 16 Dec 2018 03:49

Tgt Ion: 49 Resp: 23754
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 2.6
 130 97.3 75.9 113.9





#29

Tetrahydrofuran

Concen: 449.414 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Instrument :

MSVOA_W

ClientSampled :

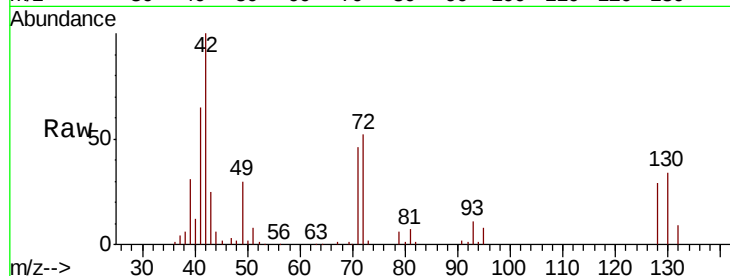
Tot Ion: 42 Resp: 36895

Ion Ratio Lower Upper

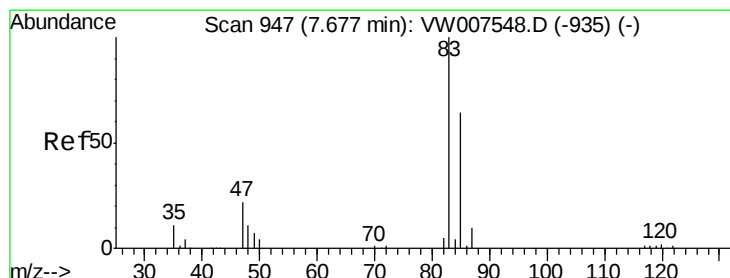
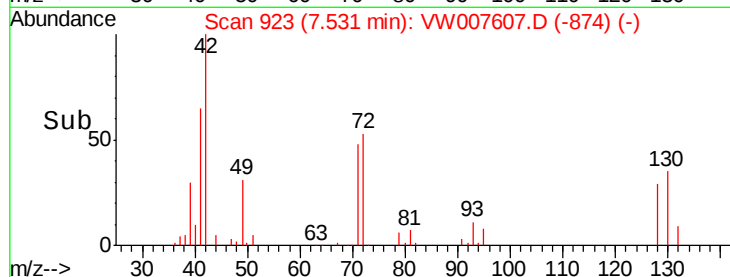
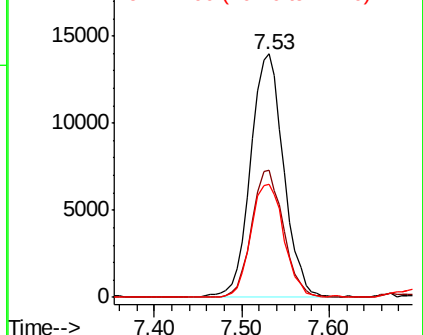
42 100

72 50.1 38.2 57.4

71 46.3 35.5 53.3



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



#30

Chloroform

Concen: 61.610 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.00 min

Lab File: VW007607.D

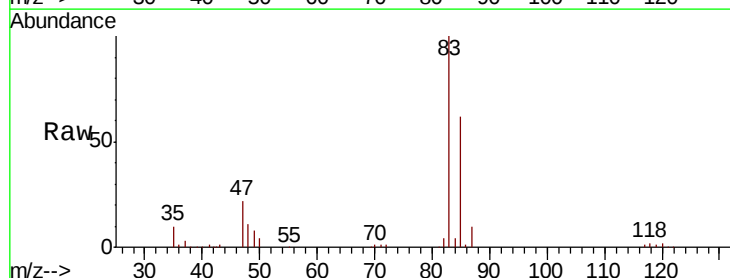
Acq: 16 Dec 2018 03:49

Tgt Ion: 83 Resp: 64559

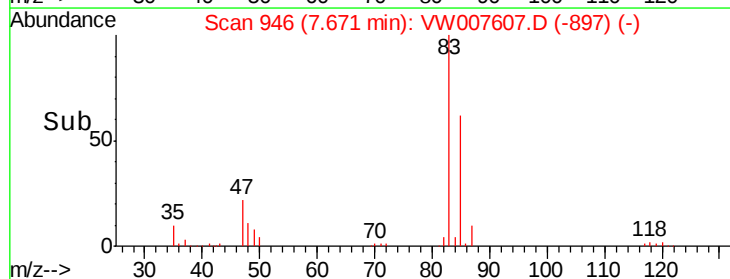
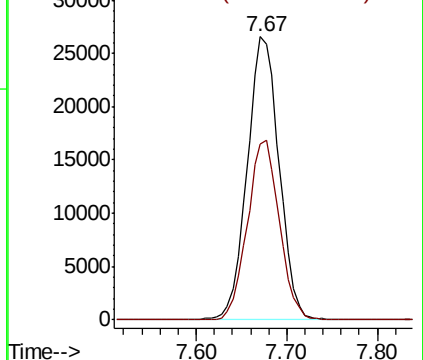
Ion Ratio Lower Upper

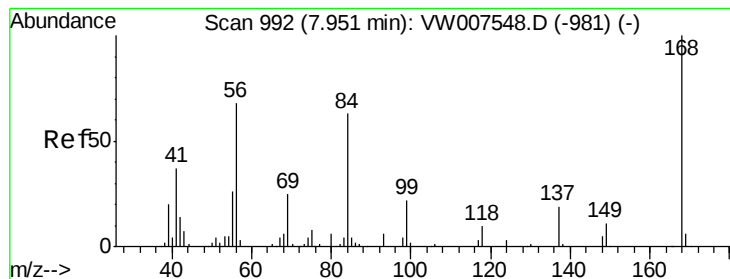
83 100

85 62.3 51.8 77.8



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





#31

Cyclohexane

Concen: 172.695 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Instrument :

MSVOA_W

ClientSampled :

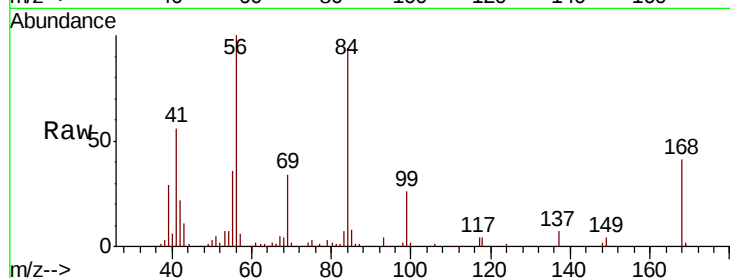
Tot Ion: 56 Resp: 152567

Ion Ratio Lower Upper

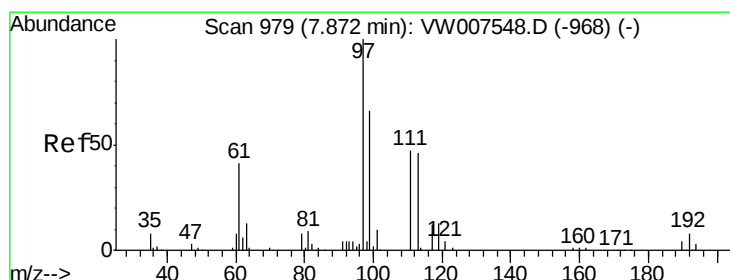
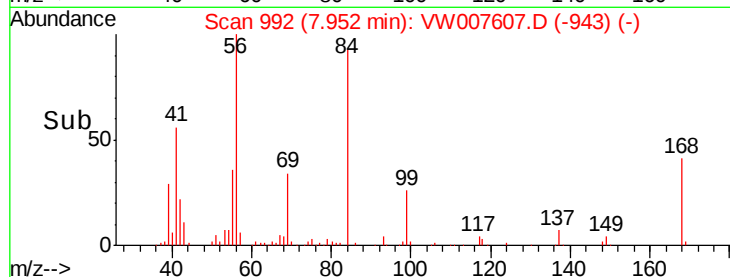
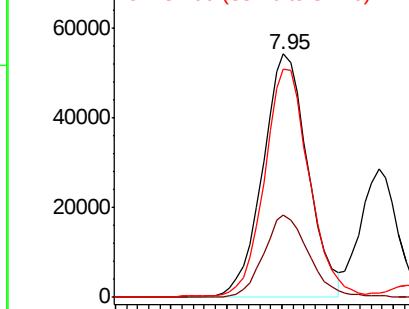
56 100

69 33.9 28.9 43.3

84 93.4 71.8 107.6



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



#32

1,1,1-Trichloroethane

Concen: 53.228 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.01 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

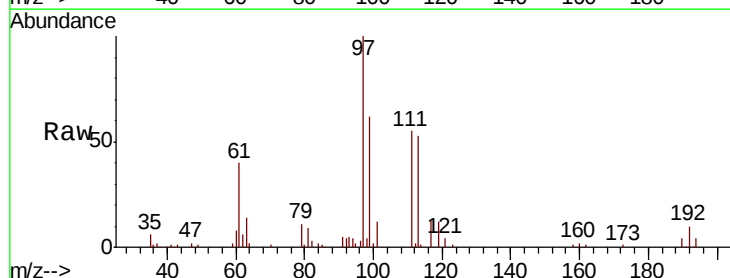
Tgt Ion: 97 Resp: 48912

Ion Ratio Lower Upper

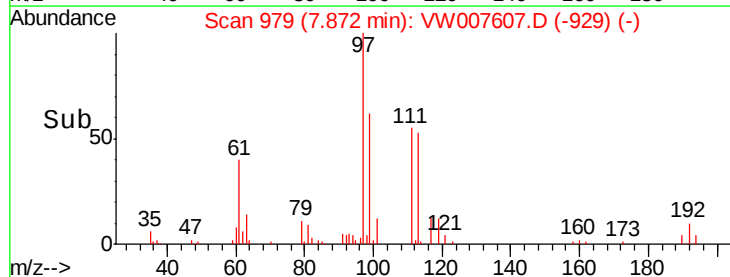
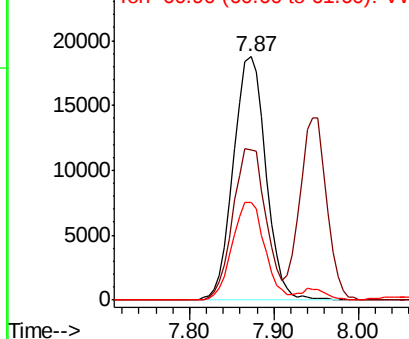
97 100

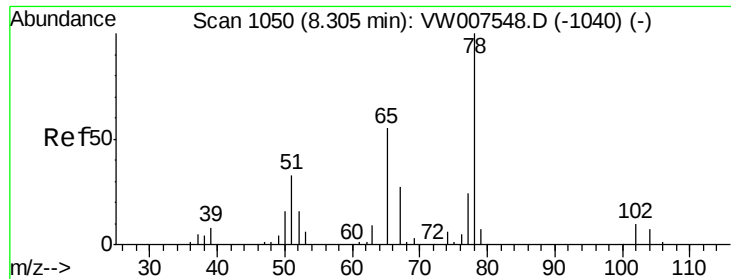
99 63.1 51.1 76.7

61 40.5 33.2 49.8



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

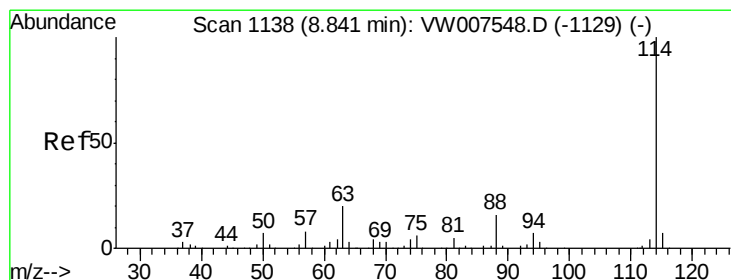
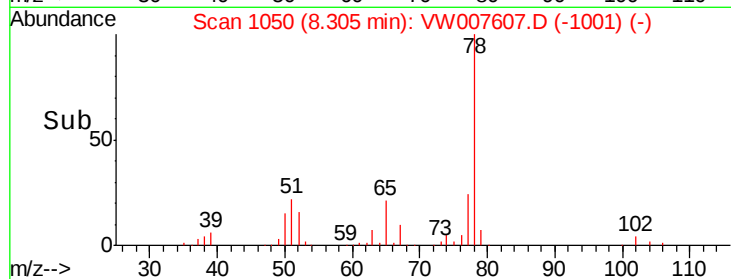
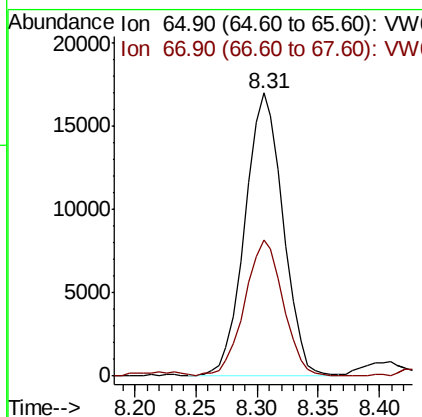
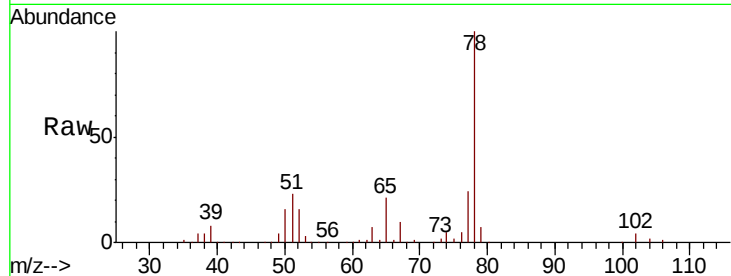




#33
 1,2-Dichloroethane-d4
 Concen: 64.927 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007607.D
 Acq: 16 Dec 2018 03:49

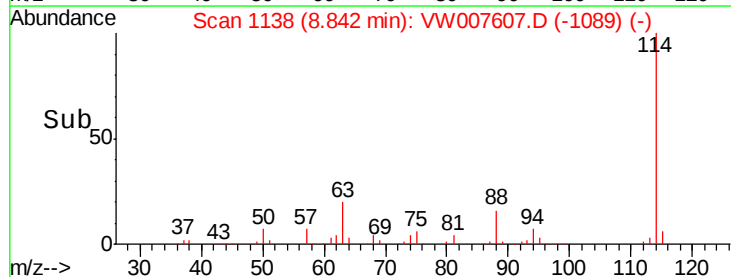
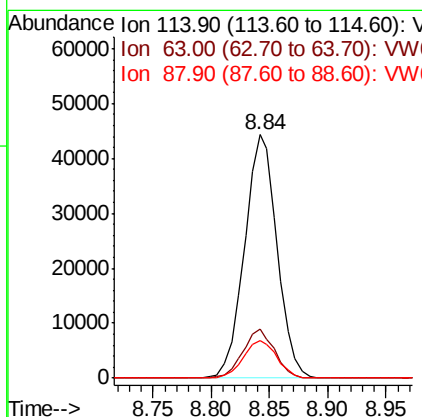
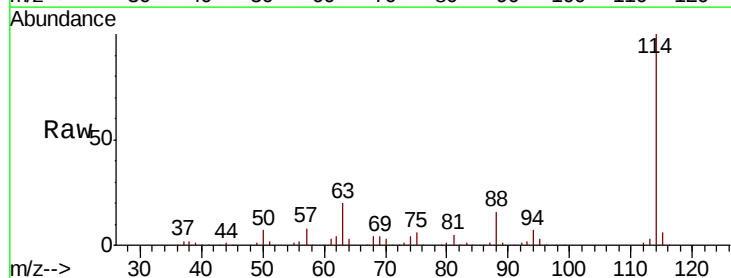
Instrument :
 MSVOA_W
 ClientSampleId :

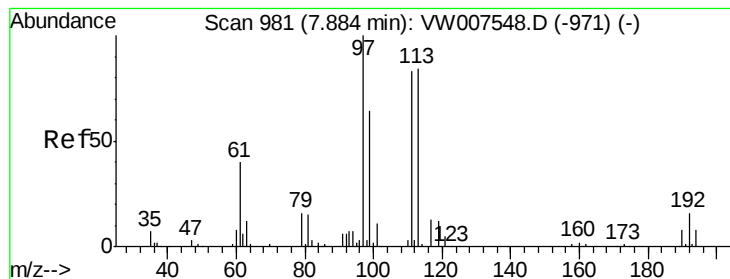
Tot Ion: 65 Resp: 36923
 Ion Ratio Lower Upper
 65 100
 67 48.5 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007607.D
 Acq: 16 Dec 2018 03:49

Tgt Ion: 114 Resp: 86206
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.6
 88 15.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 57.385 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Instrument :

MSVOA_W

ClientSampleId :

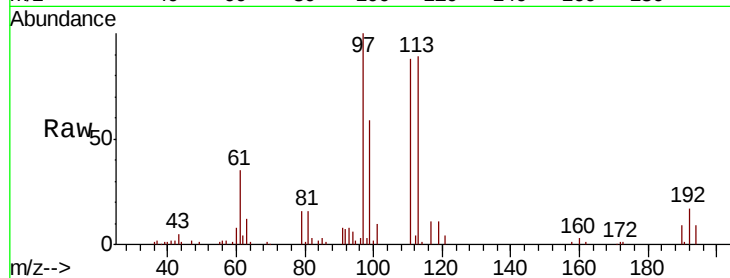
Tot Ion:113 Resp: 29946

Ion Ratio Lower Upper

113 100

111 103.1 81.1 121.7

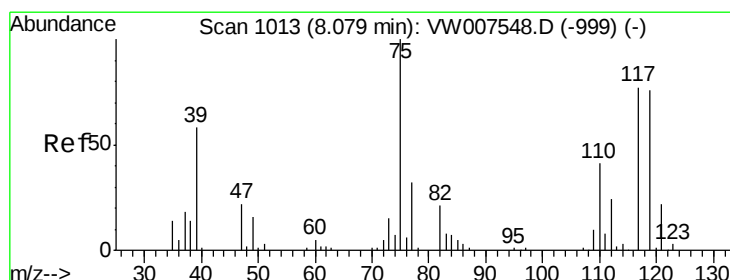
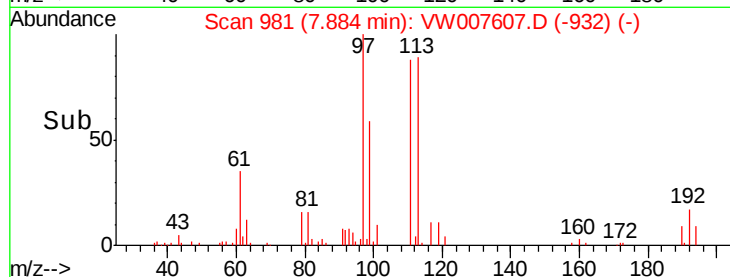
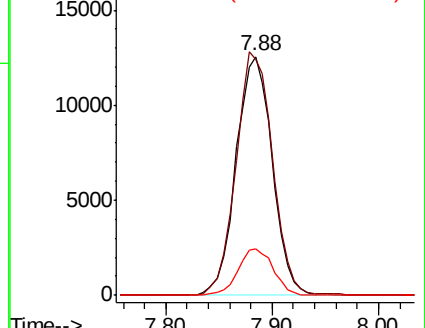
192 19.0 14.6 21.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.694 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

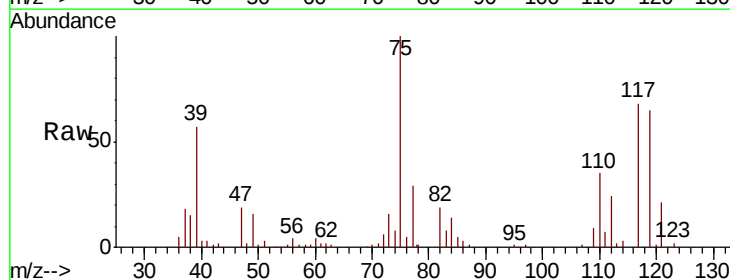
Tgt Ion: 75 Resp: 39866

Ion Ratio Lower Upper

75 100

110 36.2 18.5 55.5

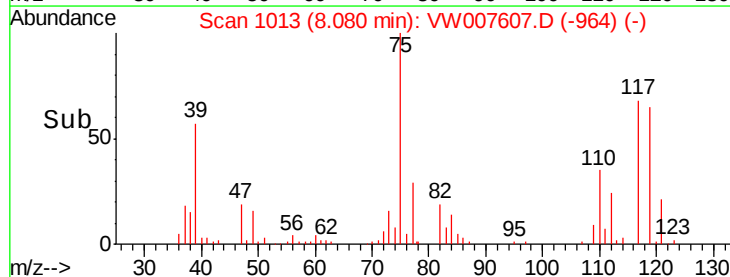
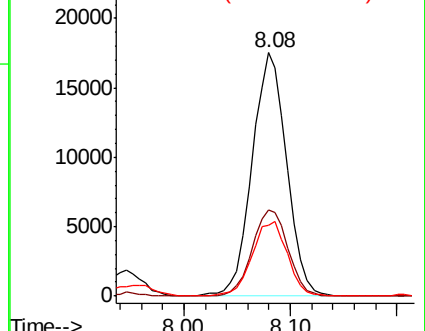
77 31.5 25.6 38.4

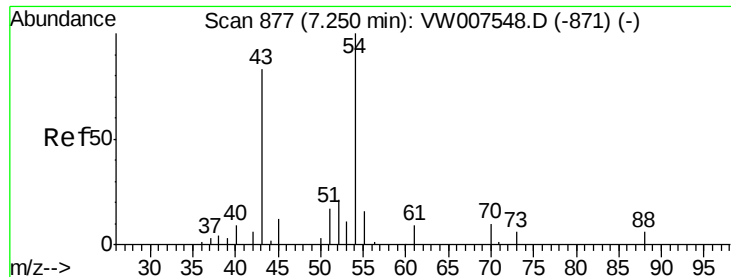


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

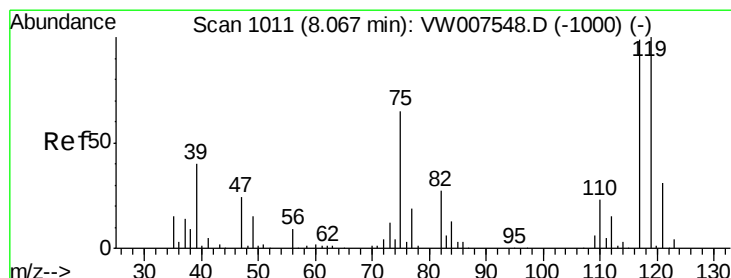
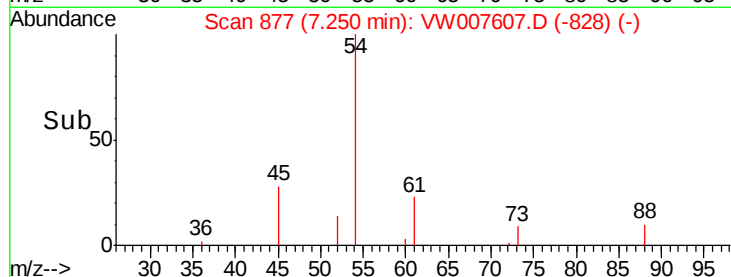
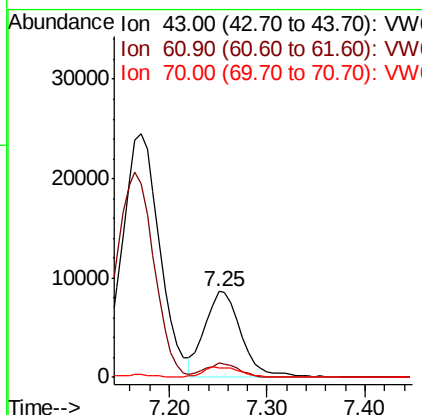
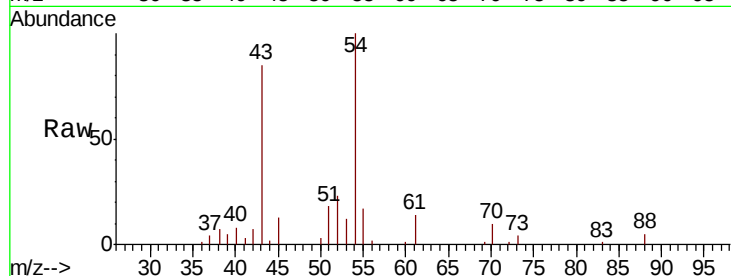




#37
Ethyl Acetate
Concen: 77.353 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

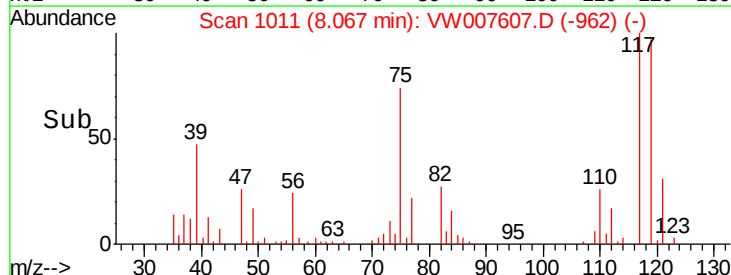
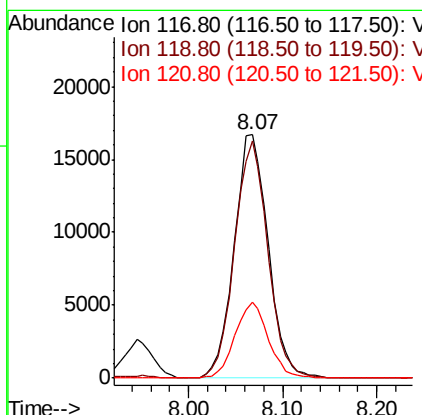
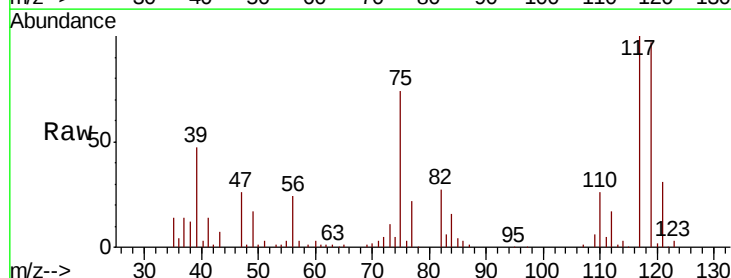
Instrument :
MSVOA_W
ClientSampleId :

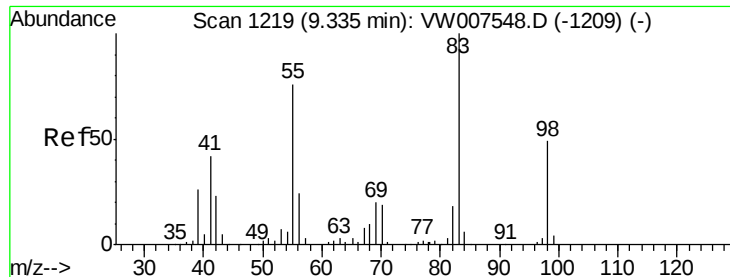
Tot Ion: 43 Resp: 22625
Ion Ratio Lower Upper
43 100
61 15.0 12.1 18.1
70 12.3 10.0 15.0



#38
Carbon Tetrachloride
Concen: 49.220 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Tgt Ion: 117 Resp: 42116
Ion Ratio Lower Upper
117 100
119 97.4 74.3 111.5
121 31.1 24.3 36.5

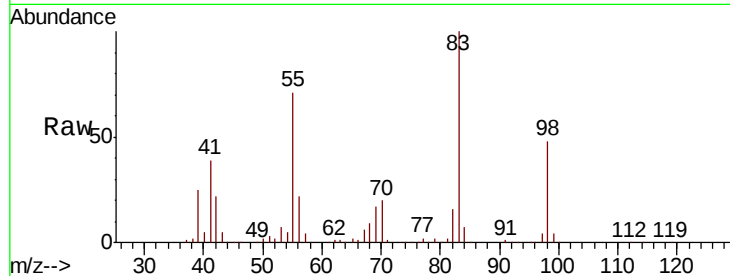




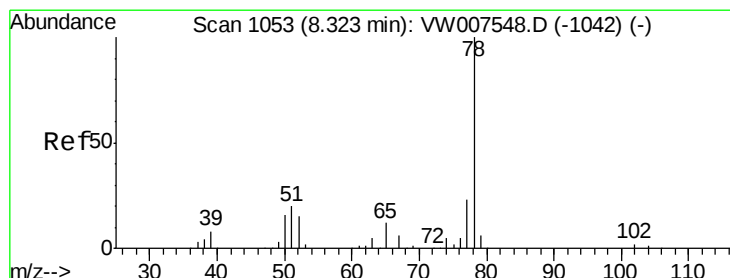
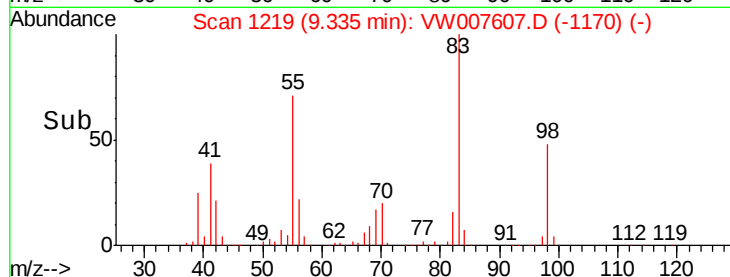
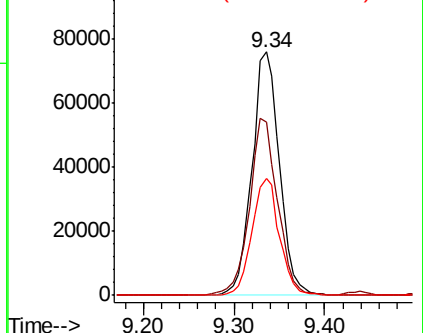
#39
Methvlcvclohexane
Concen: 167.460 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 83 Resp: 159464
Ion Ratio Lower Upper
83 100
55 71.2 62.8 94.2
98 47.9 42.2 63.2

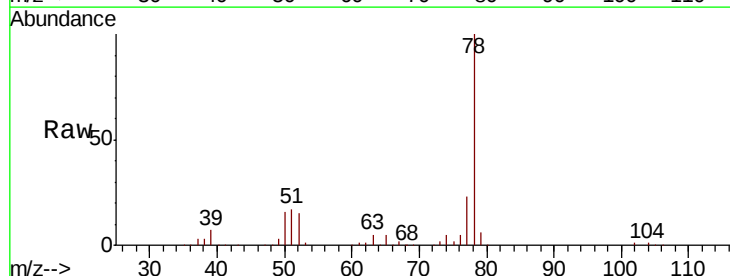


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

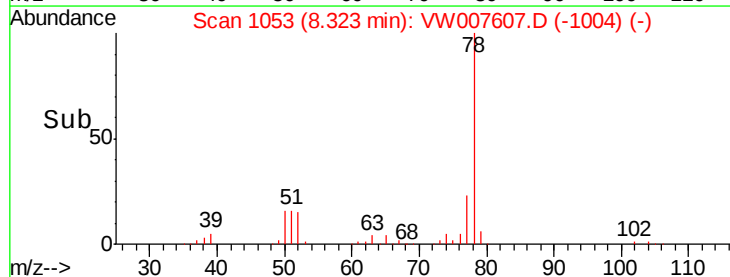
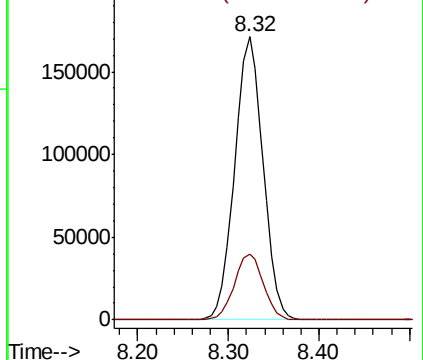


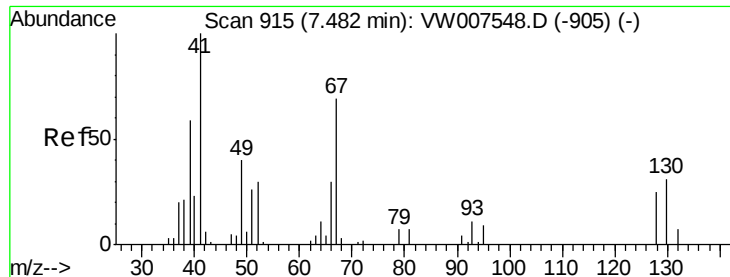
#40
Benzene
Concen: 169.870 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Tgt Ion: 78 Resp: 370724
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2



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

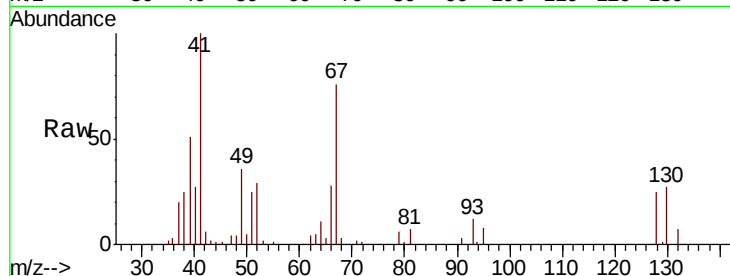




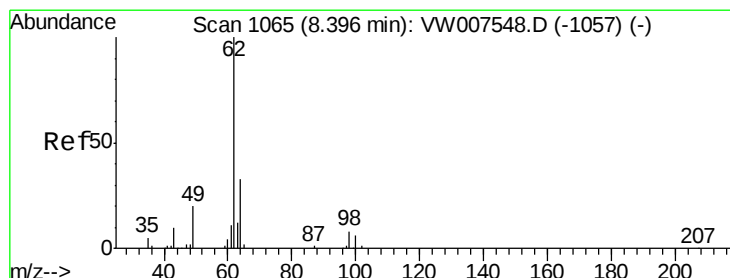
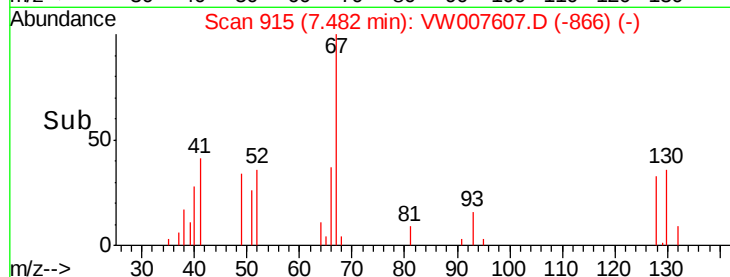
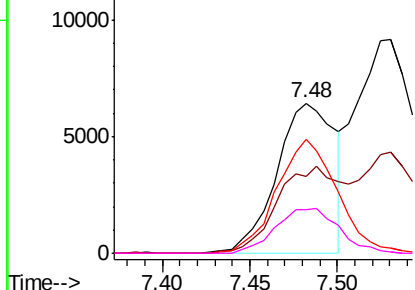
#41
Methacrylonitrile
Concen: 89.685 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	41	Resp:	14938
Ion	Ratio	Lower	Upper
41	100		
39	65.4	52.2	78.2
67	78.8	60.5	90.7
52	32.4	25.3	37.9

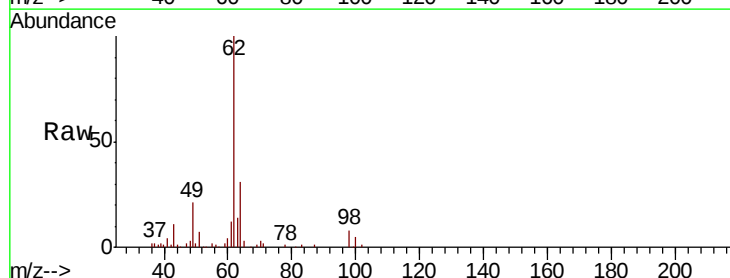


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

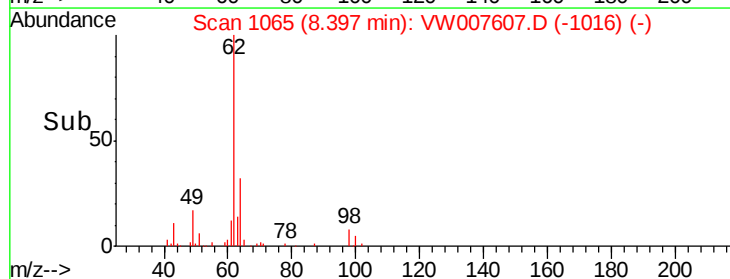
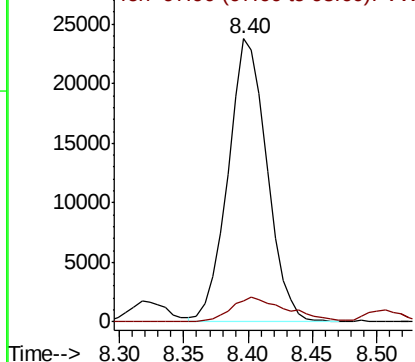


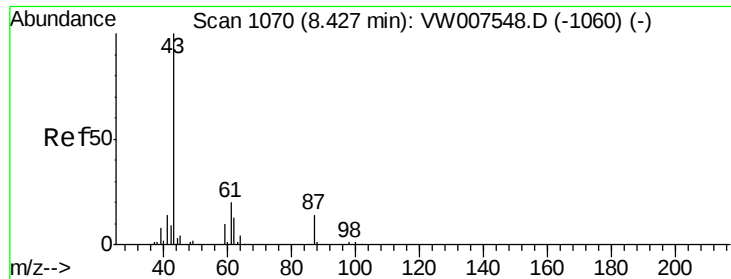
#42
1,2-Dichloroethane
Concen: 72.789 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Tgt Ion:	62	Resp:	49901
Ion	Ratio	Lower	Upper
62	100		
98	12.6	0.0	17.6



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





#43

Isopropyl Acetate

Concen: 88.301 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Instrument :

MSVOA_W

ClientSampleId :

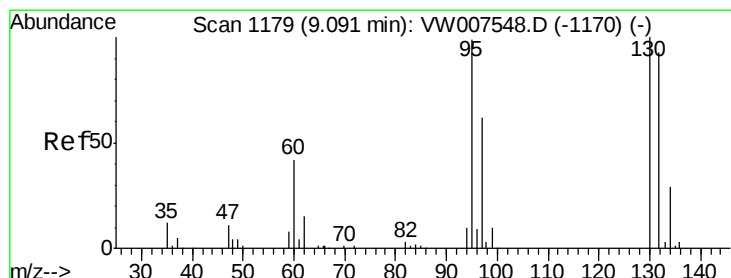
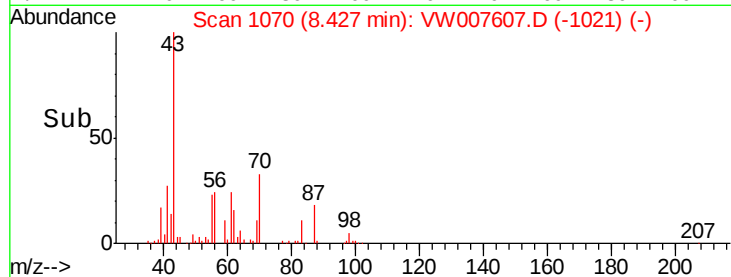
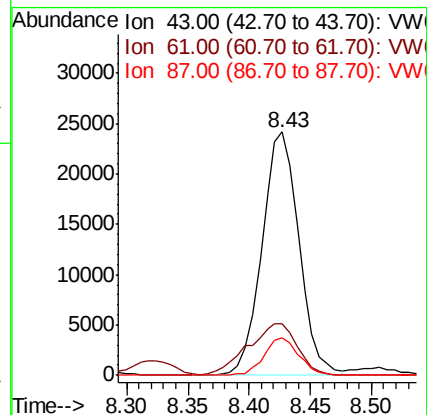
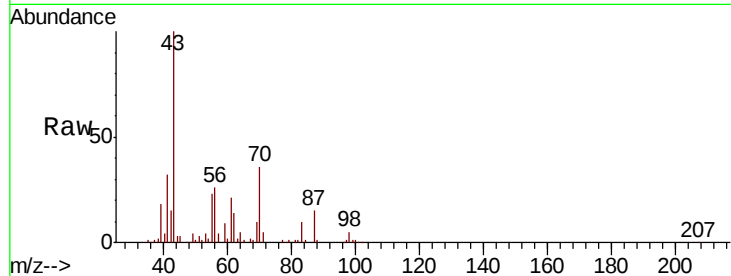
Tot Ion: 43 Resp: 51017

Ion Ratio Lower Upper

43 100

61 28.3 25.3 37.9

87 14.5 11.8 17.8



#44

Trichloroethene

Concen: 49.246 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007607.D

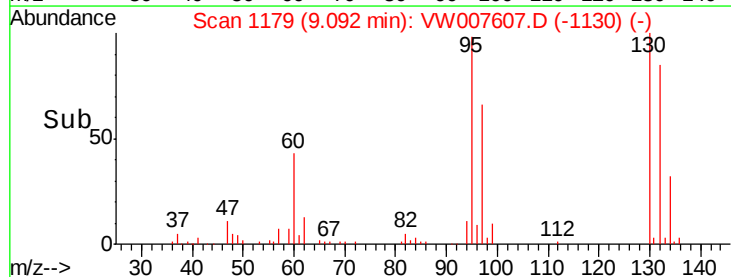
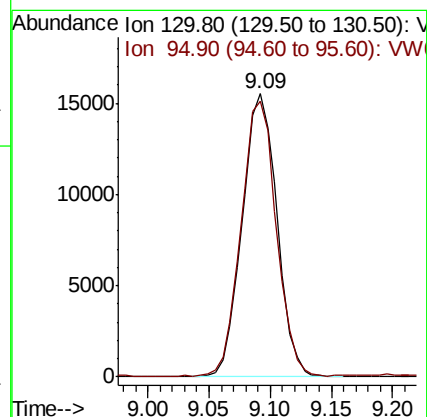
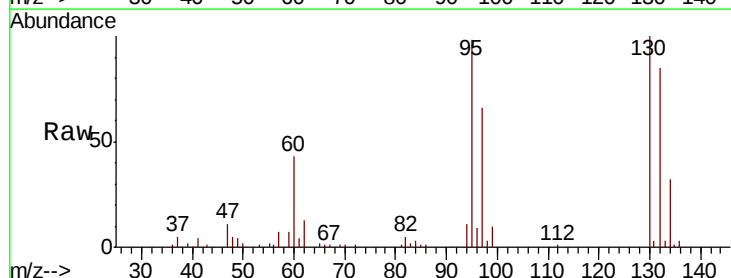
Acq: 16 Dec 2018 03:49

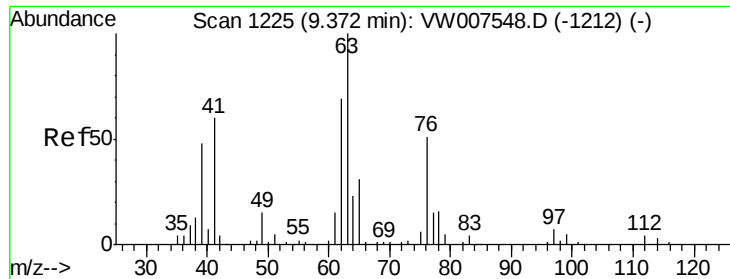
Tgt Ion:130 Resp: 30690

Ion Ratio Lower Upper

130 100

95 97.3 0.0 193.2

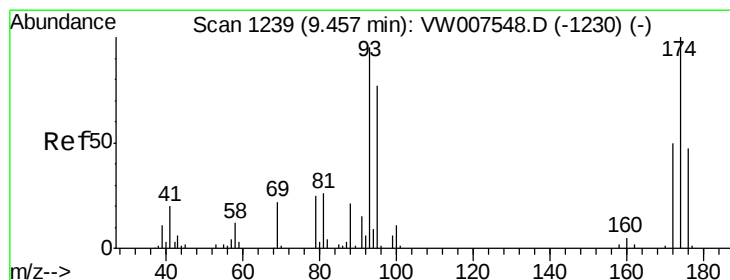
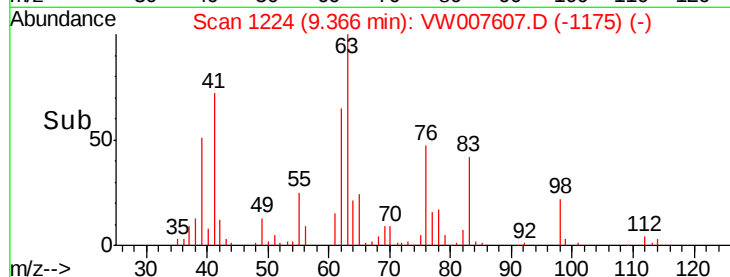
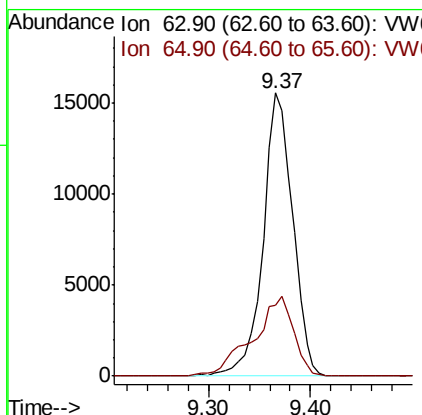
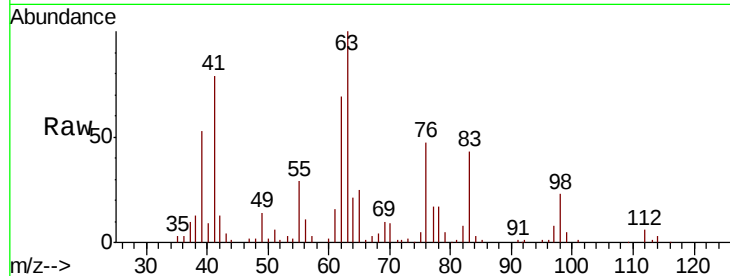




#45
 1,2-Dichloropropane
 Concen: 61.964 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW007607.D
 Acq: 16 Dec 2018 03:49

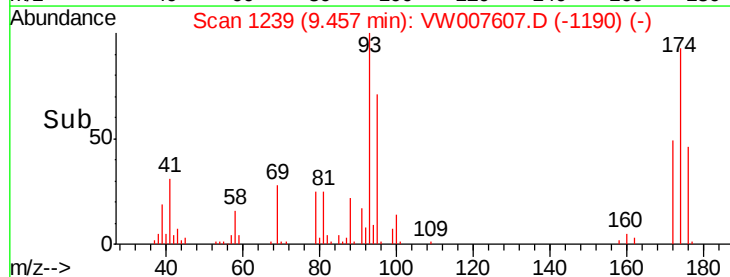
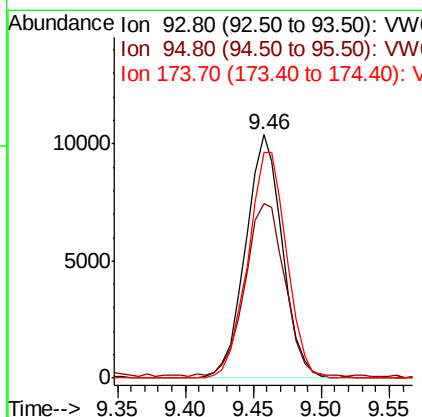
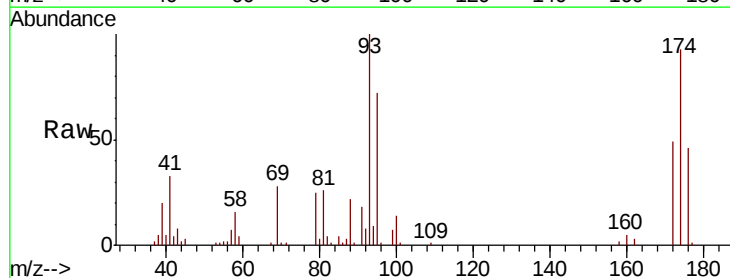
Instrument :
 MSVOA_W
 ClientSampleId :

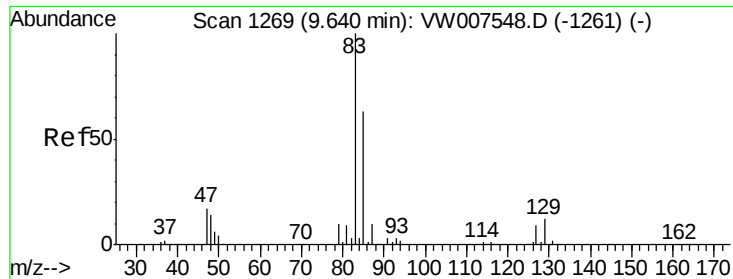
Tot Ion: 63 Resp: 31294
 Ion Ratio Lower Upper
 63 100
 65 25.0 24.4 36.6



#46
 Dibromomethane
 Concen: 68.473 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007607.D
 Acq: 16 Dec 2018 03:49

Tgt Ion: 93 Resp: 19638
 Ion Ratio Lower Upper
 93 100
 95 77.6 68.0 102.0
 174 97.8 83.2 124.8

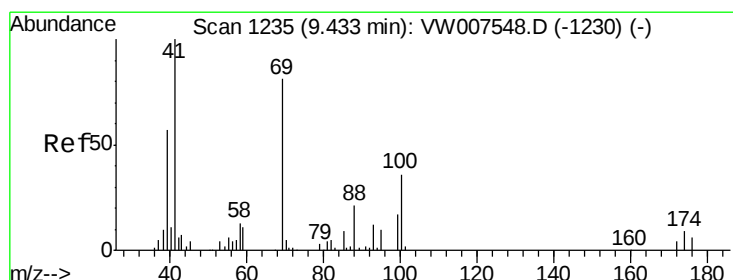
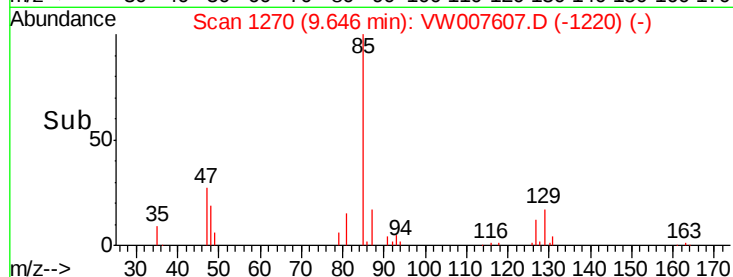
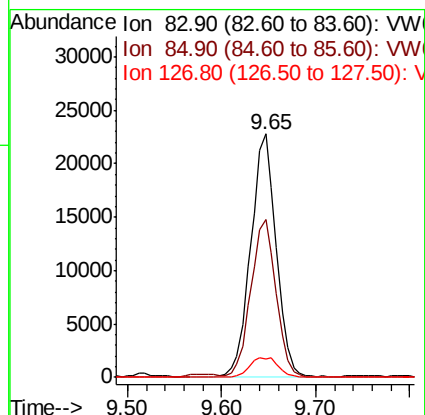
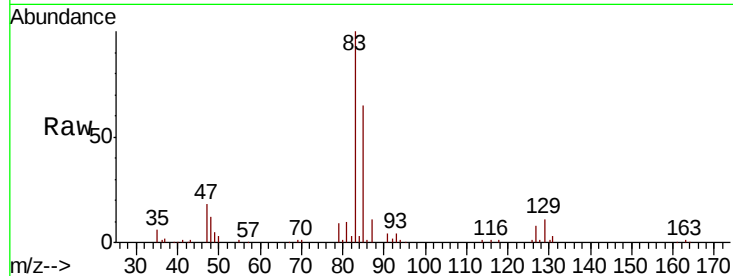




#47
Bromodichloromethane
Concen: 57.813 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

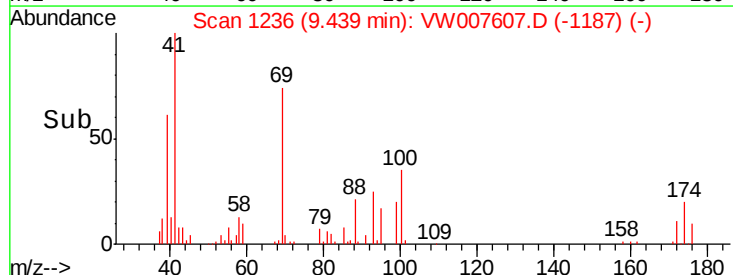
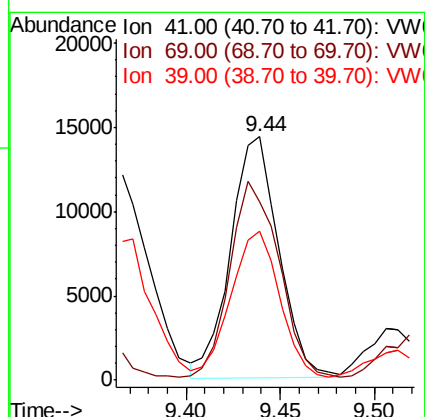
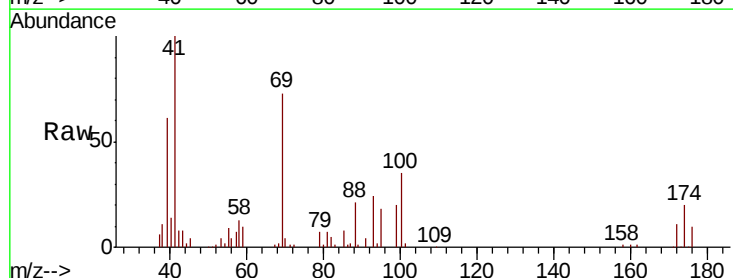
Instrument :
MSVOA_W
ClientSampleId :

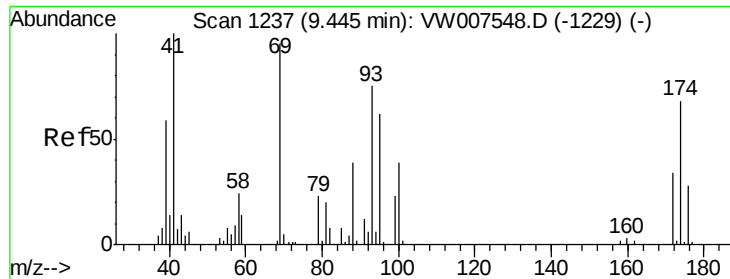
Tot Ion: 83 Resp: 43492
Ion Ratio Lower Upper
83 100
85 64.8 47.6 71.4
127 7.5 6.7 10.1



#48
Methyl methacrylate
Concen: 86.015 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Tgt Ion: 41 Resp: 25523
Ion Ratio Lower Upper
41 100
69 84.5 69.8 104.8
39 62.7 50.9 76.3

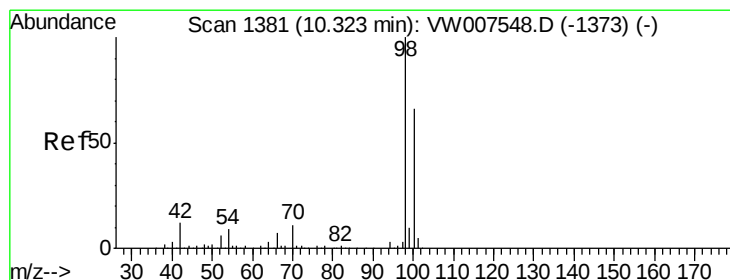
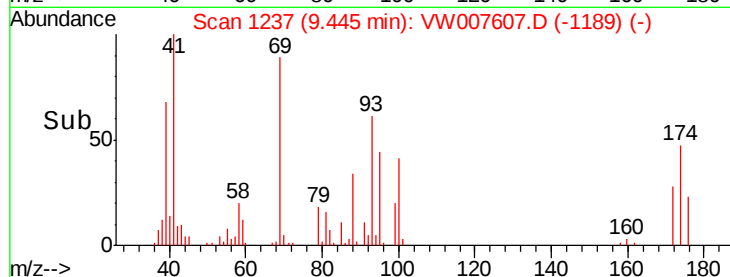
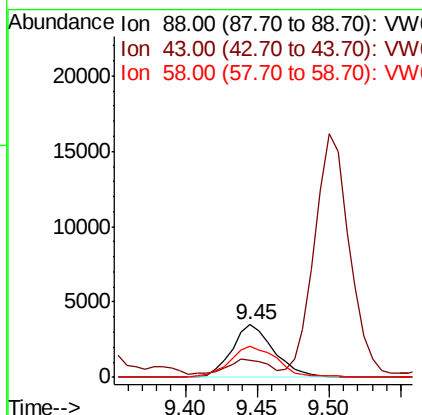
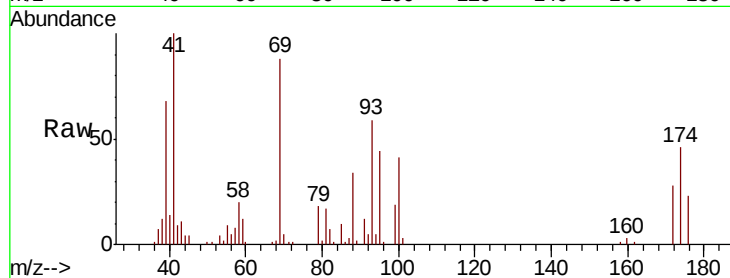




#49
 1,4-Dioxane
 Concen: 1519.919 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: VW007607.D
 Acq: 16 Dec 2018 03:49

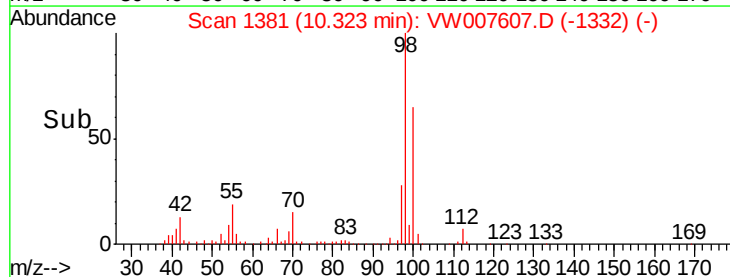
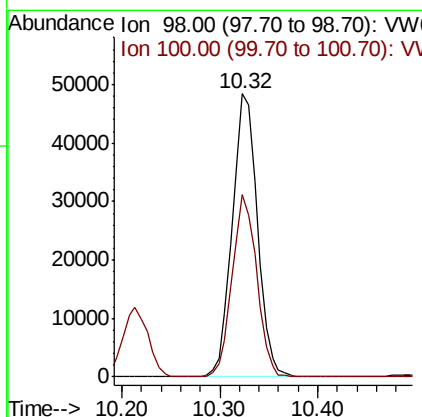
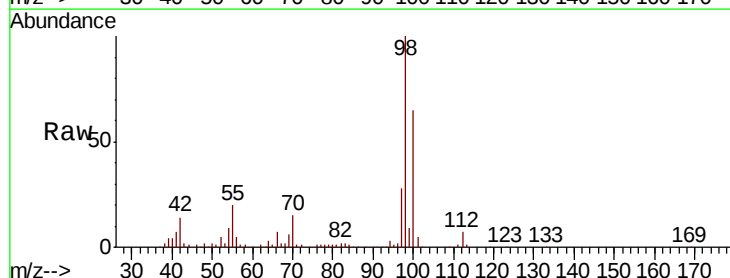
Instrument :
 MSVOA_W
 ClientSampled :

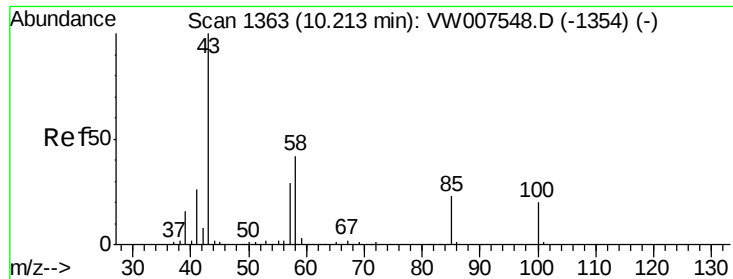
Tot Ion: 88 Resp: 7073
 Ion Ratio Lower Upper
 88 100
 43 25.0 25.0 37.4
 58 67.8 51.4 77.2



#50
 Toluene-d8
 Concen: 44.330 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW007607.D
 Acq: 16 Dec 2018 03:49

Tgt Ion: 98 Resp: 86737
 Ion Ratio Lower Upper
 98 100
 100 62.8 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 426.912 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Instrument :

MSVOA_W

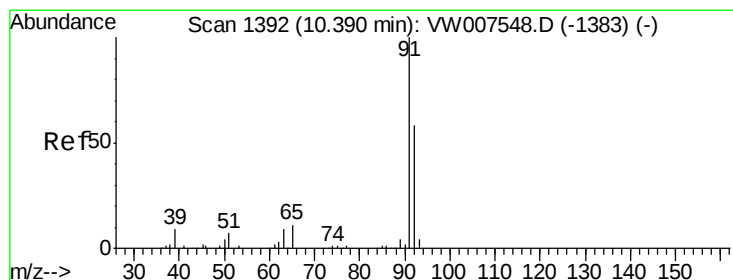
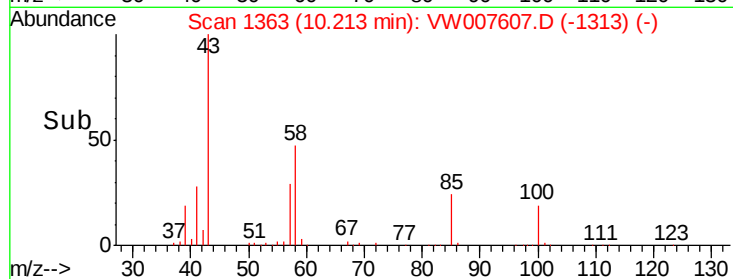
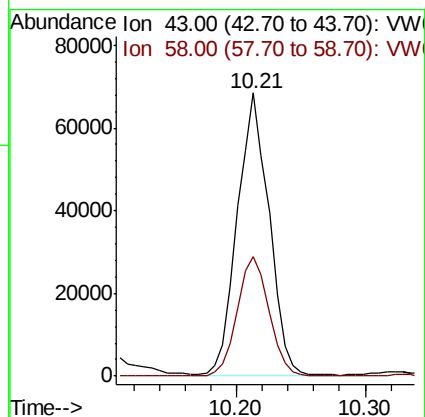
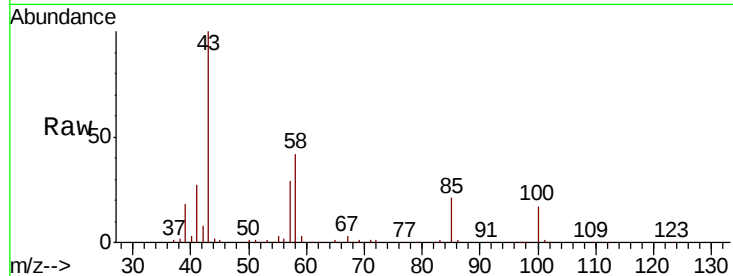
ClientSampled :

Tot Ion: 43 Resp: 116543

Ion Ratio Lower Upper

43 100

58 42.5 33.1 49.7



#52

Toluene

Concen: 2380.096 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007607.D

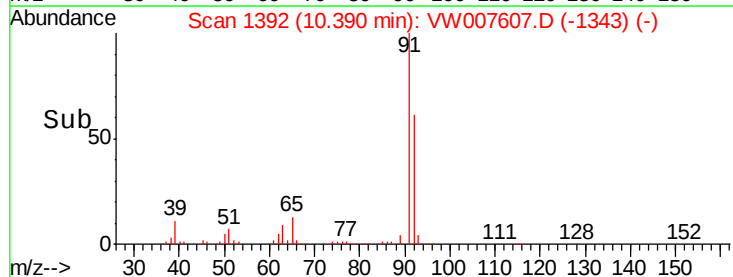
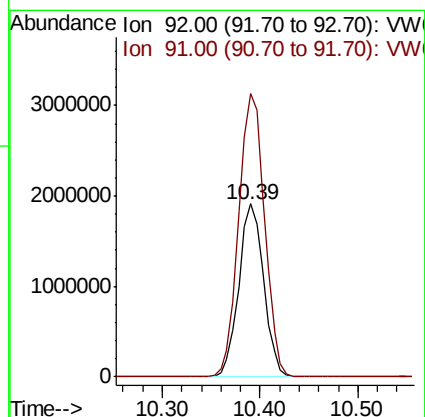
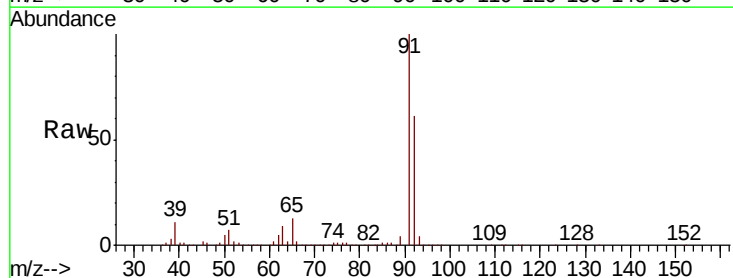
Acq: 16 Dec 2018 03:49

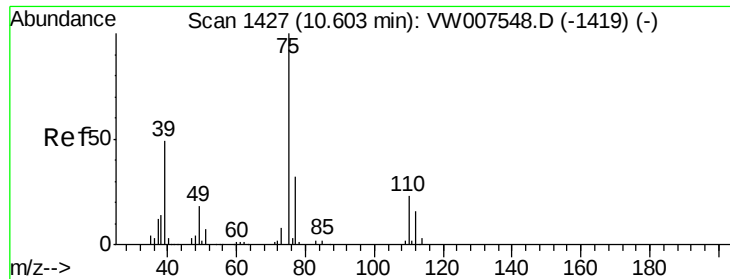
Tgt Ion: 92 Resp: 3361489

Ion Ratio Lower Upper

92 100

91 171.2 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 56.115 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.01 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Instrument :

MSVOA_W

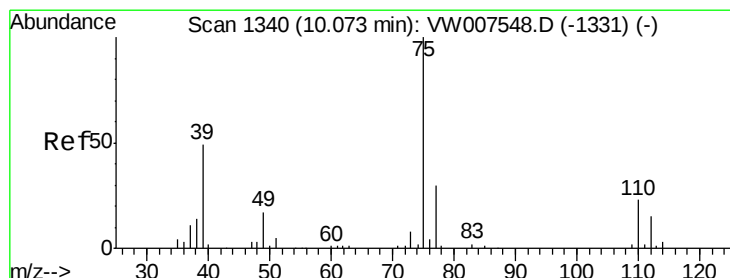
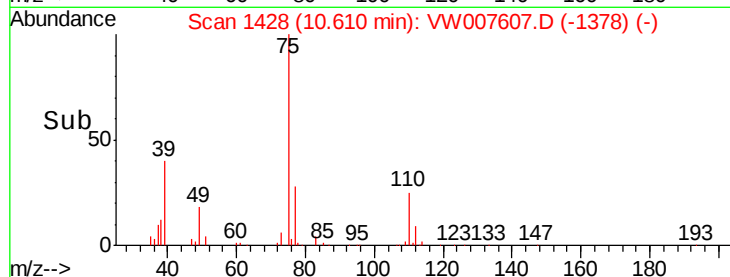
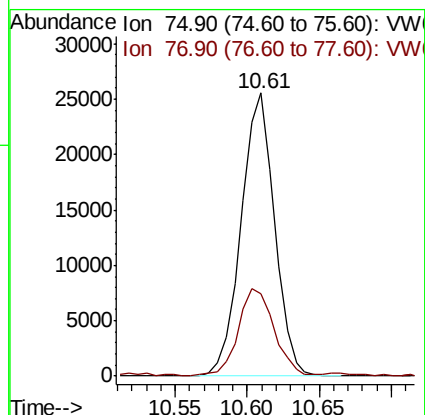
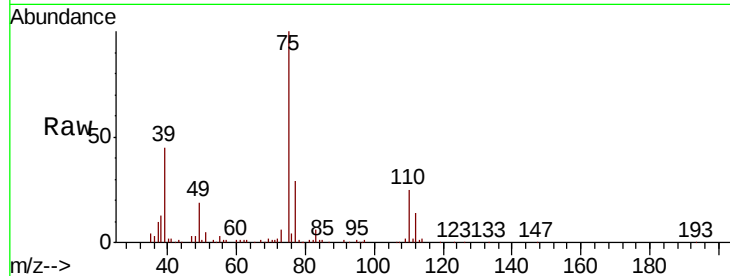
ClientSampled :

Tot Ion: 75 Resp: 40983

Ion Ratio Lower Upper

75 100

77 28.5 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 56.133 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

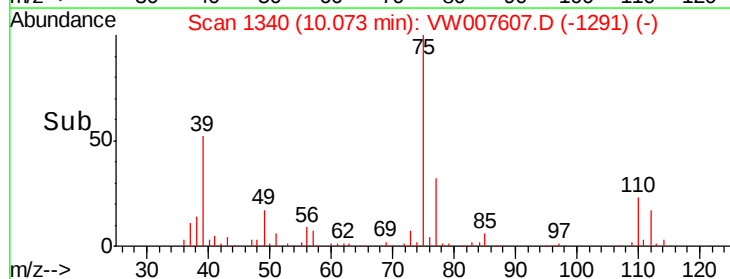
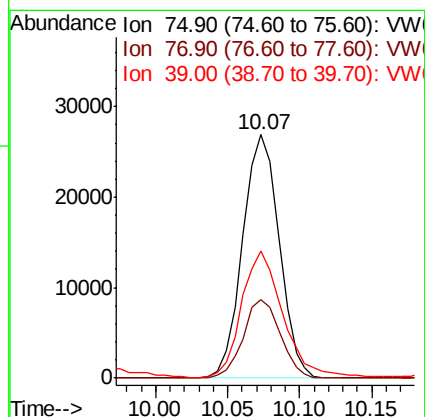
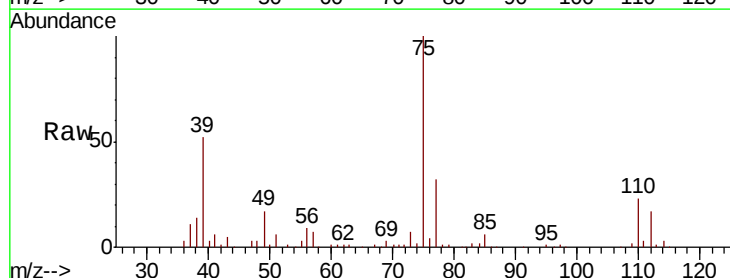
Tgt Ion: 75 Resp: 47392

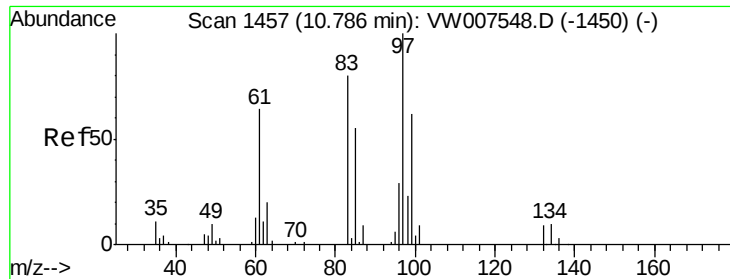
Ion Ratio Lower Upper

75 100

77 32.2 24.8 37.2

39 52.0 40.9 61.3

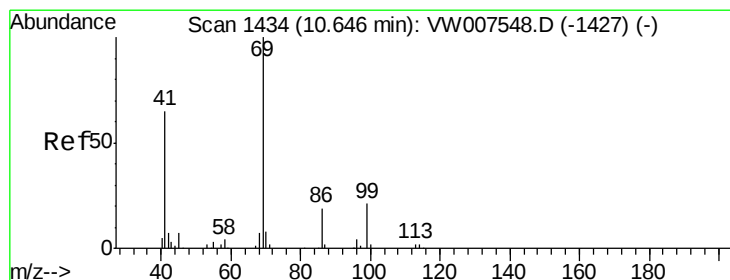
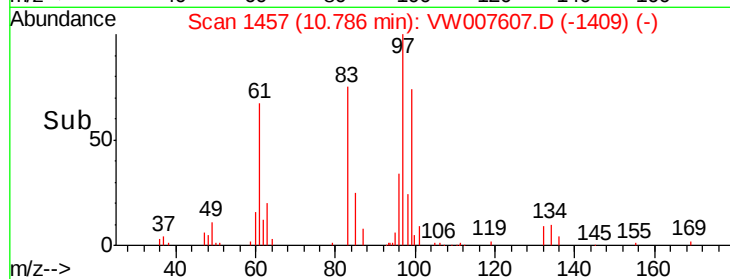
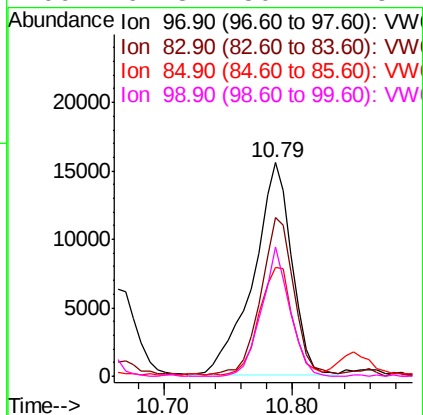
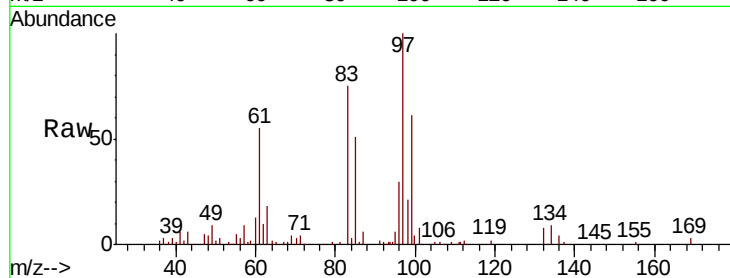




#55
 1,1,2-Trichloroethane
 Concen: 81.796 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW007607.D
 Acq: 16 Dec 2018 03:49

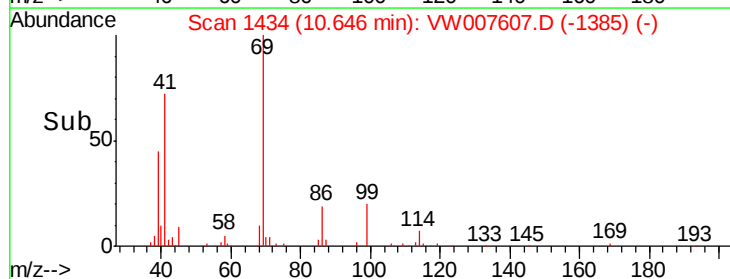
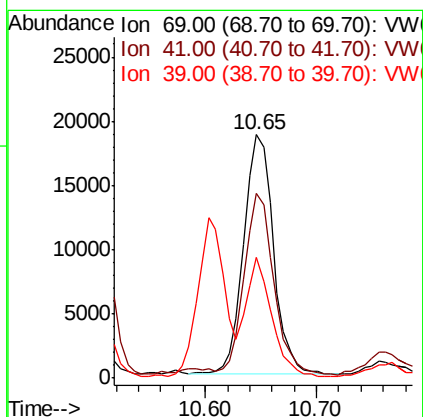
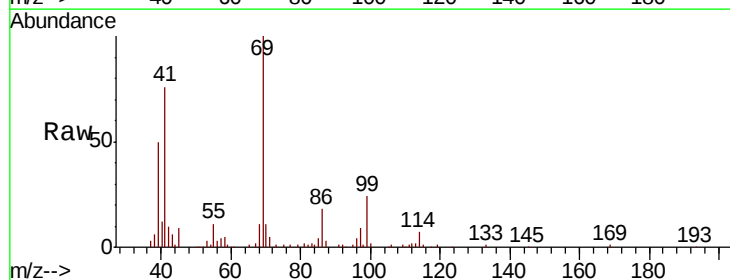
Instrument :
 MSVOA_W
 ClientSampleId :

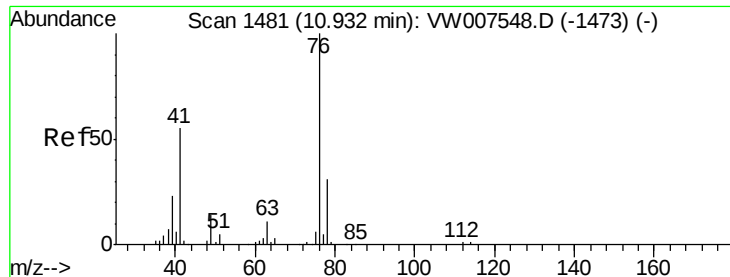
Tot Ion:	97	Resp:	31928
Ion	Ratio	Lower	Upper
97	100		
83	74.2	62.1	93.1
85	50.2	44.2	66.4
99	61.3	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 74.649 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007607.D
 Acq: 16 Dec 2018 03:49

Tgt Ion:	69	Resp:	35023
Ion	Ratio	Lower	Upper
69	100		
41	75.2	51.0	76.6
39	0.0	30.8	46.2#

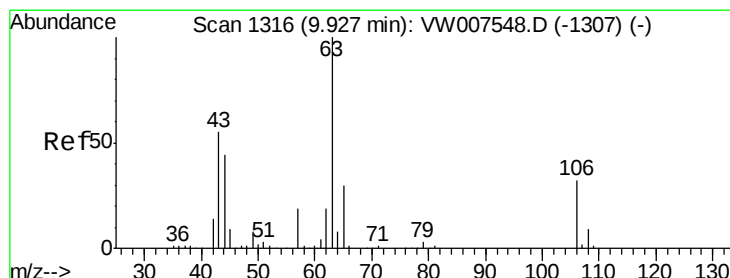
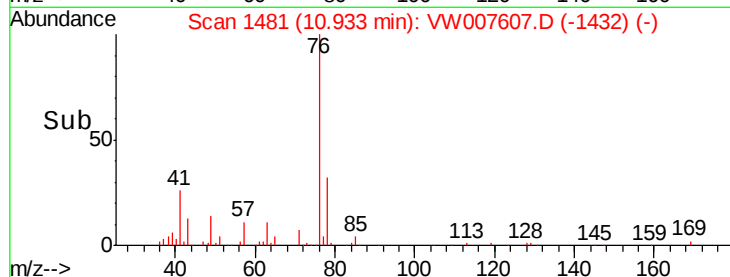
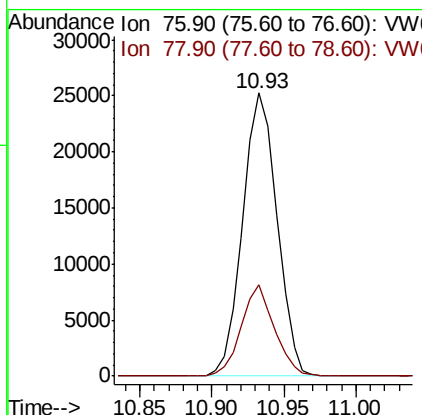
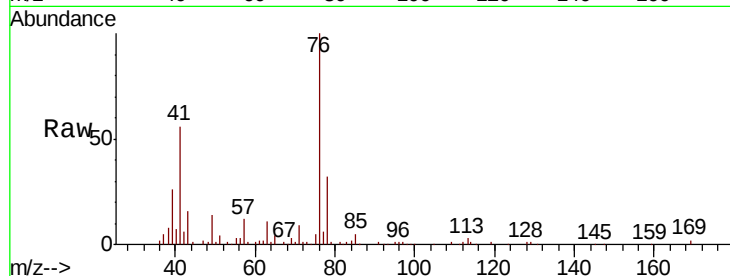




#57
 1,3-Dichloropropane
 Concen: 65.160 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007607.D
 Acq: 16 Dec 2018 03:49

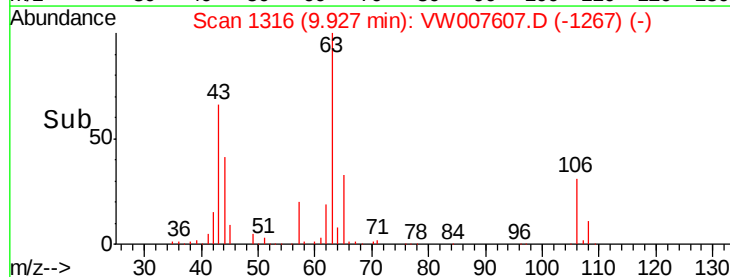
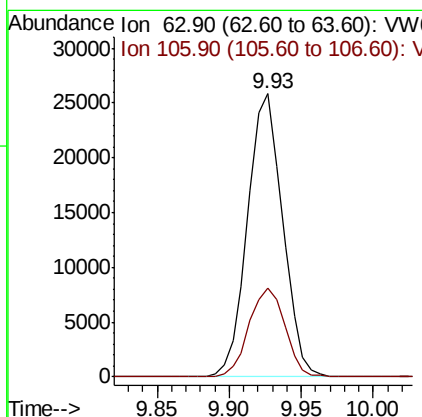
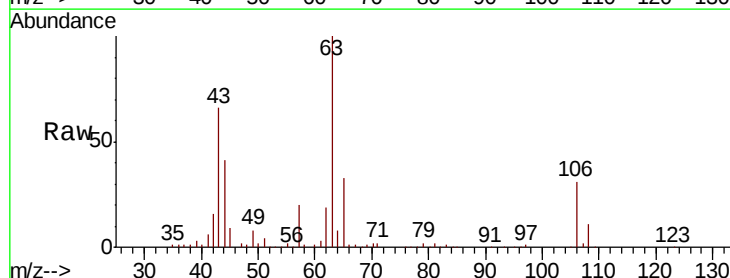
Instrument :
 MSVOA_W
 ClientSampled :

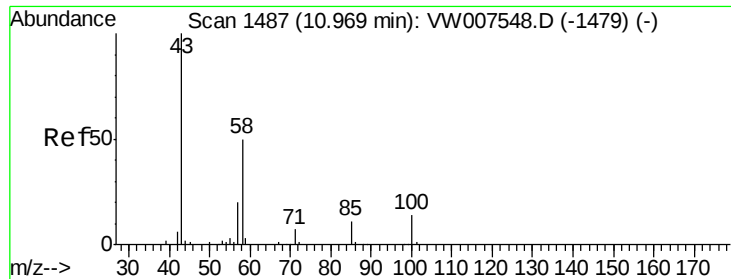
Tot Ion: 76 Resp: 41747
 Ion Ratio Lower Upper
 76 100
 78 31.2 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 201.755 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007607.D
 Acq: 16 Dec 2018 03:49

Tgt Ion: 63 Resp: 43651
 Ion Ratio Lower Upper
 63 100
 106 32.0 25.0 37.6





#59

2-Hexanone

Concen: 430.989 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Instrument :

MSVOA_W

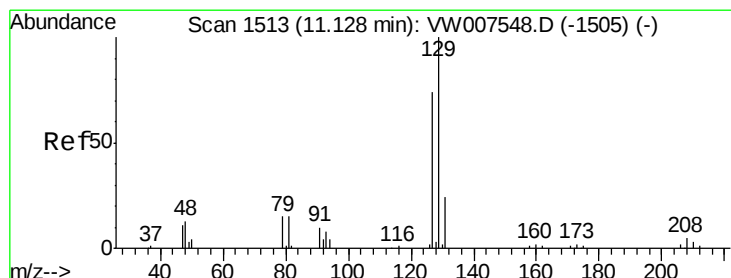
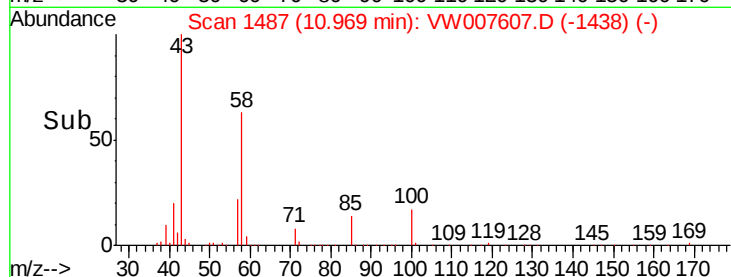
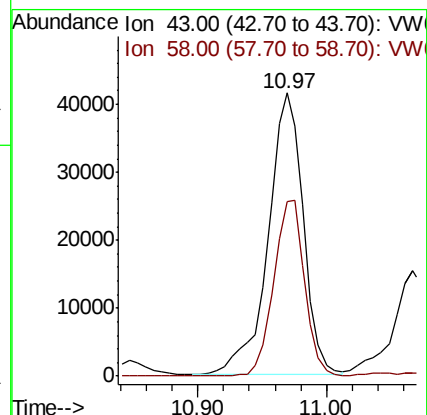
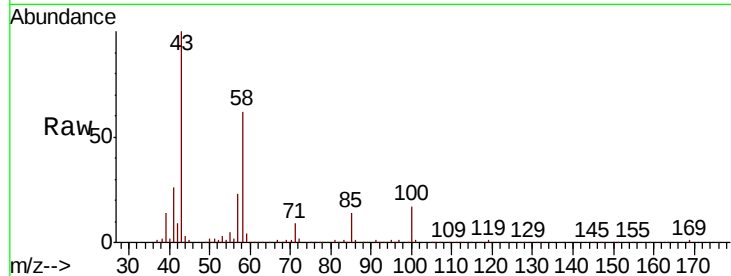
ClientSampleId :

Tot Ion: 43 Resp: 78453

Ion Ratio Lower Upper

43 100

58 55.4 27.1 81.3



#60

Dibromochloromethane

Concen: 53.983 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW007607.D

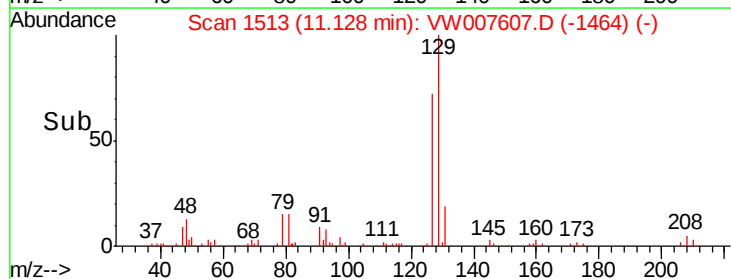
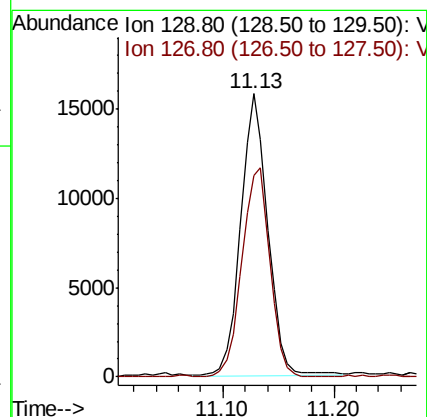
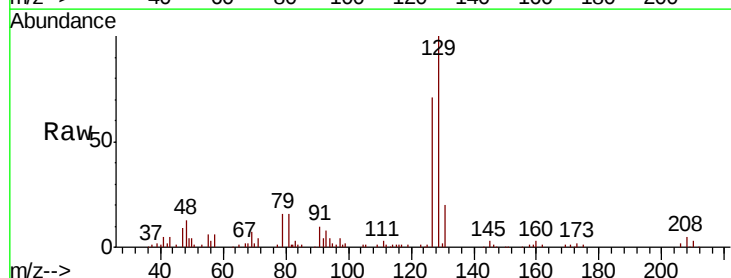
Acq: 16 Dec 2018 03:49

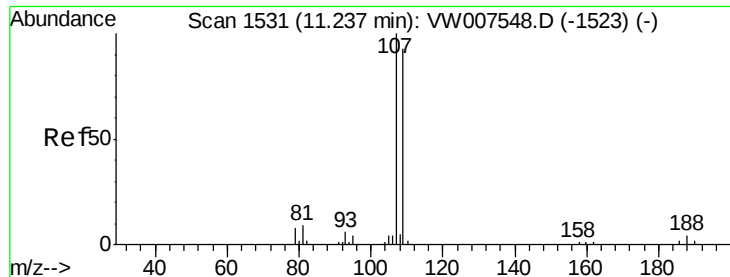
Tgt Ion: 129 Resp: 26592

Ion Ratio Lower Upper

129 100

127 76.5 38.1 114.3

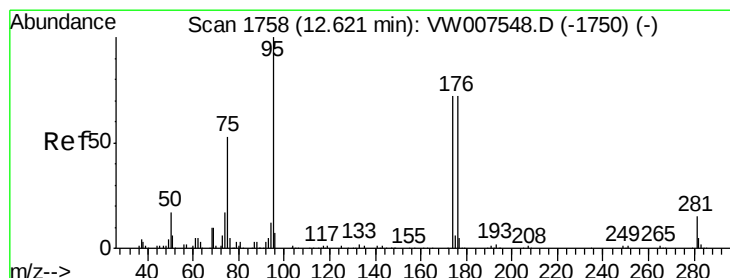
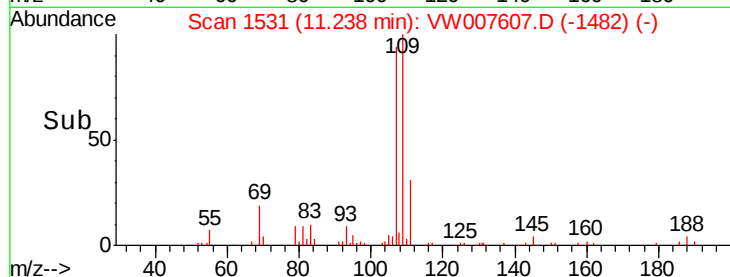
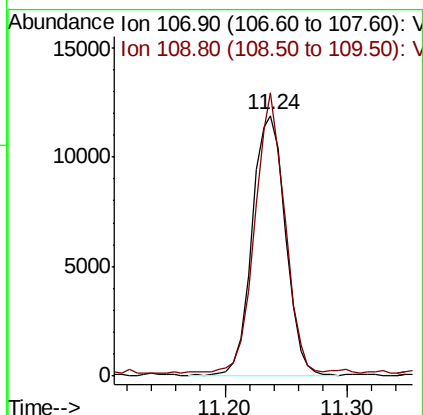
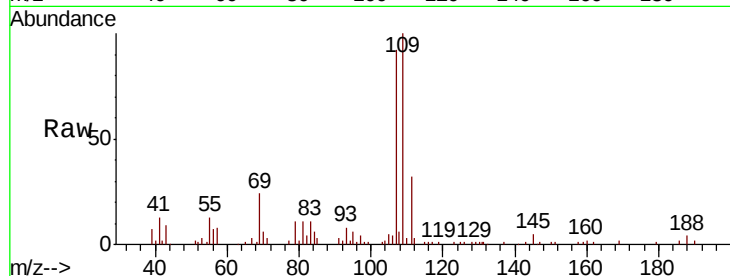




#61
 1,2-Dibromoethane
 Concen: 58.868 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007607.D
 Acq: 16 Dec 2018 03:49

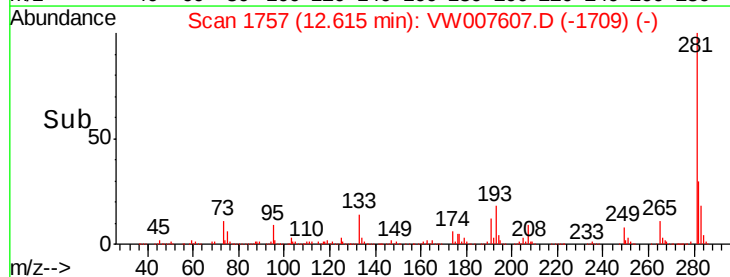
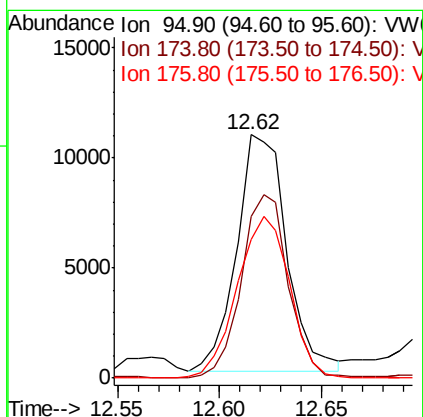
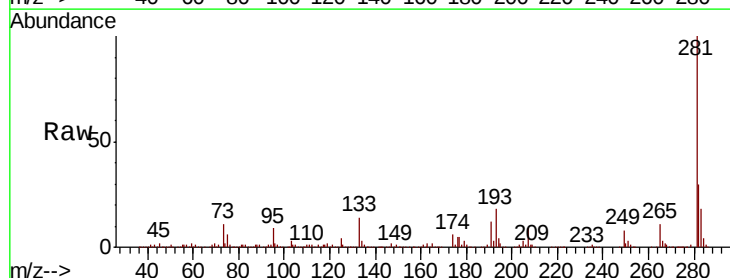
Instrument :
 MSVOA_W
 ClientSampled :

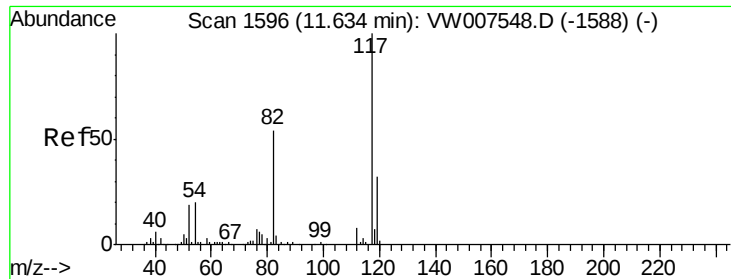
Tot Ion:107 Resp: 22708
 Ion Ratio Lower Upper
 107 100
 109 97.2 79.1 118.7



#62
 4-Bromofluorobenzene
 Concen: 25.259 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VW007607.D
 Acq: 16 Dec 2018 03:49

Tgt Ion: 95 Resp: 18171
 Ion Ratio Lower Upper
 95 100
 174 74.1 0.0 147.2
 176 72.1 0.0 138.8

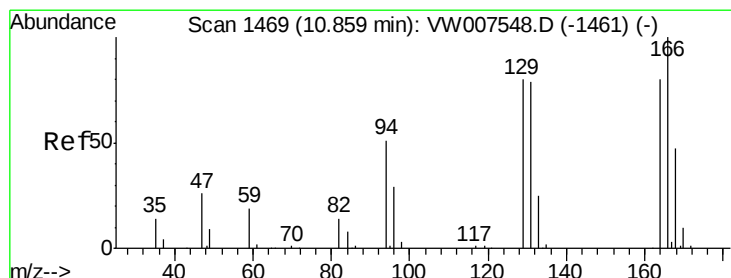
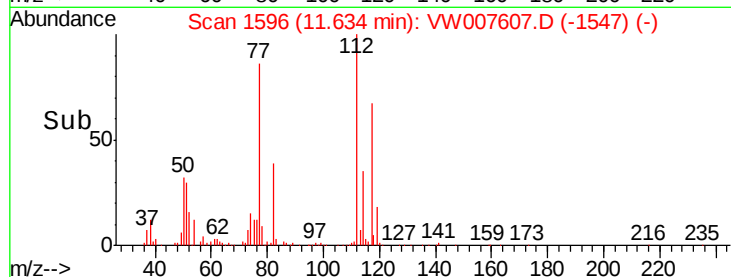
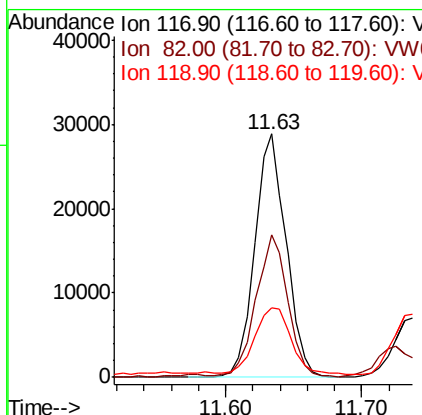
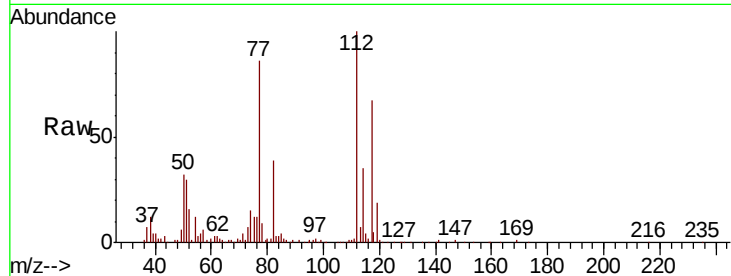




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

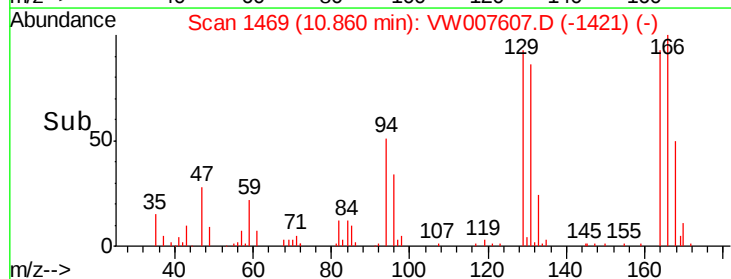
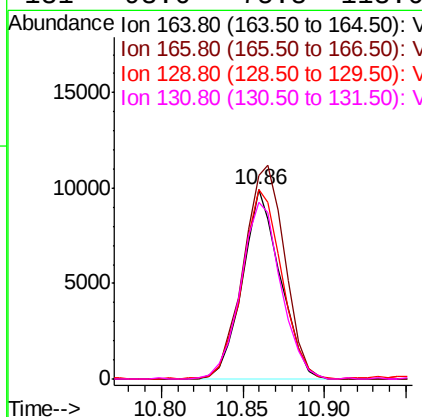
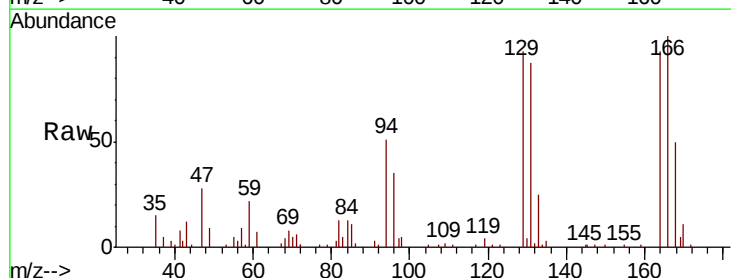
Instrument :
MSVOA_W
ClientSampleId :

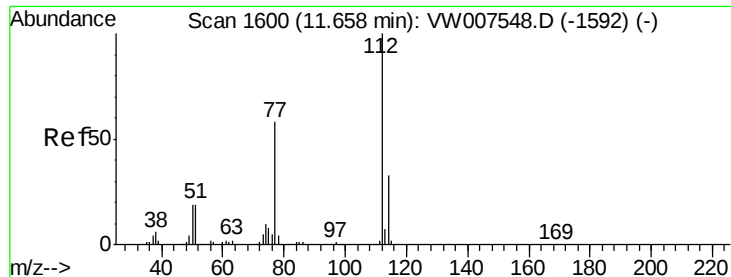
Tot Ion:117 Resp: 46746
Ion Ratio Lower Upper
117 100
82 57.9 42.3 63.5
119 26.8 23.0 34.6



#64
Tetrachloroethene
Concen: 47.358 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Tgt Ion:164 Resp: 15920
Ion Ratio Lower Upper
164 100
166 108.0 107.9 161.9
129 100.5 73.4 110.2
131 93.6 75.8 113.6

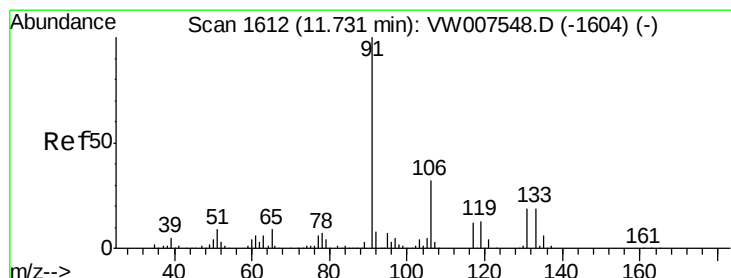
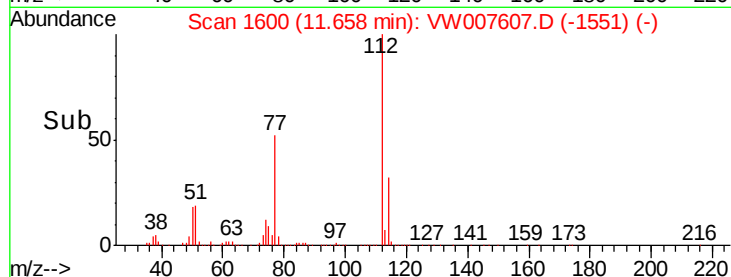
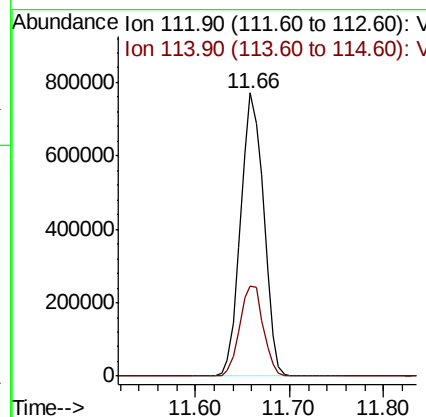
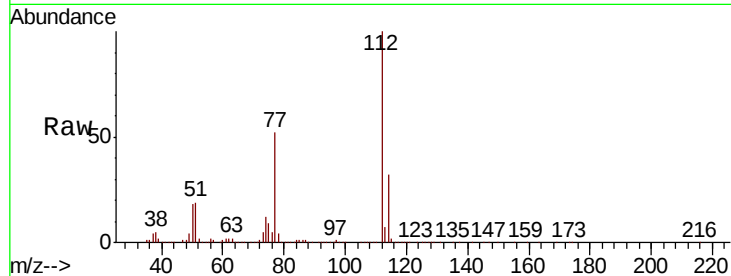




#65
Chlorobenzene
Concen: 1350.054 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

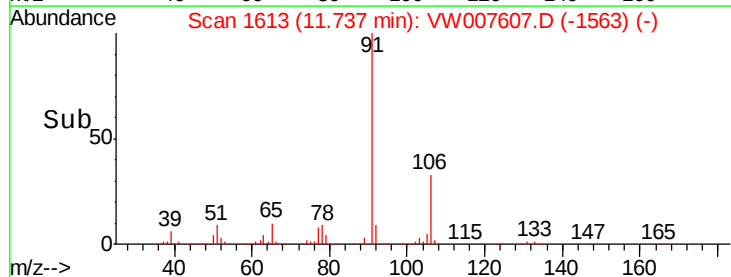
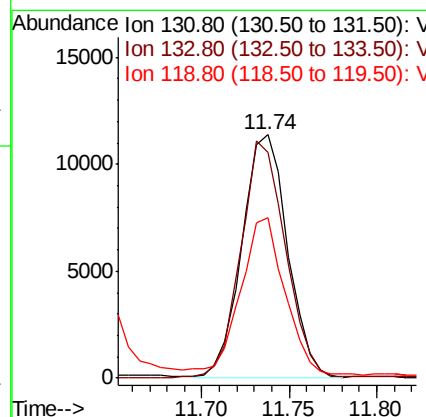
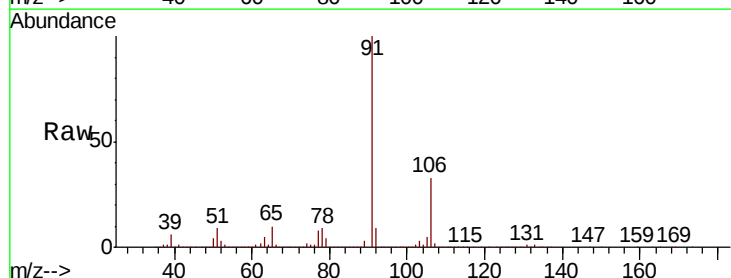
Instrument :
MSVOA_W
ClientSampleId :

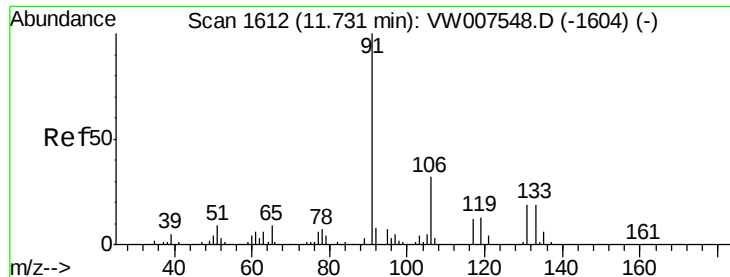
Tot Ion:112 Resp: 1315405
Ion Ratio Lower Upper
112 100
114 31.7 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 60.351 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Tgt Ion:131 Resp: 20710
Ion Ratio Lower Upper
131 100
133 95.7 47.1 141.4
119 62.5 31.3 93.9

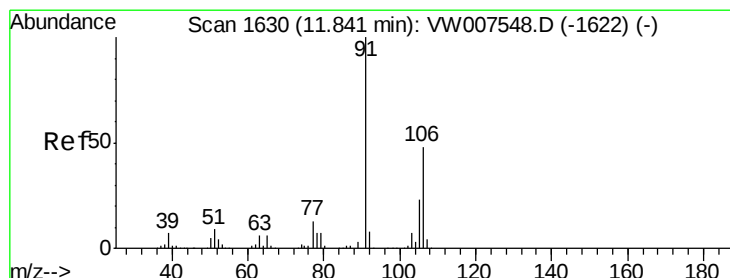
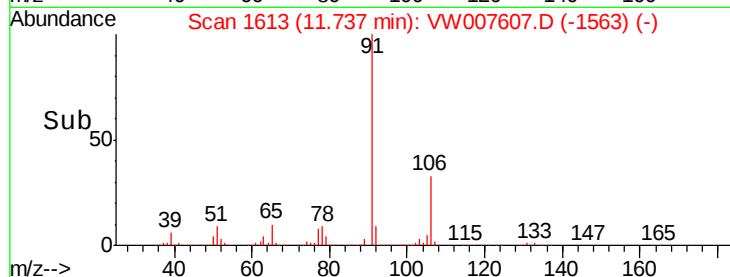
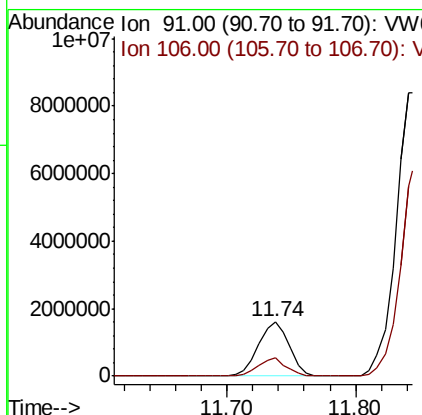
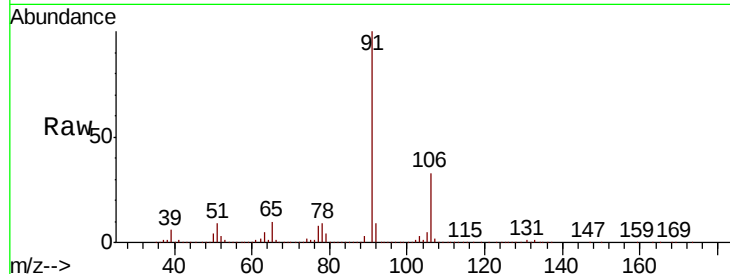




#67
Ethyl Benzene
Concen: 1585.727 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

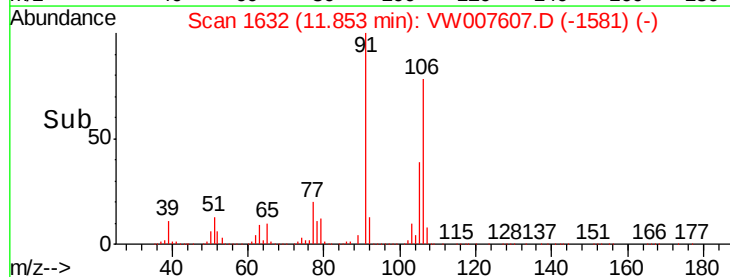
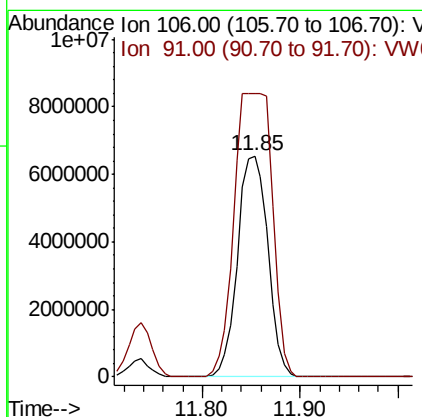
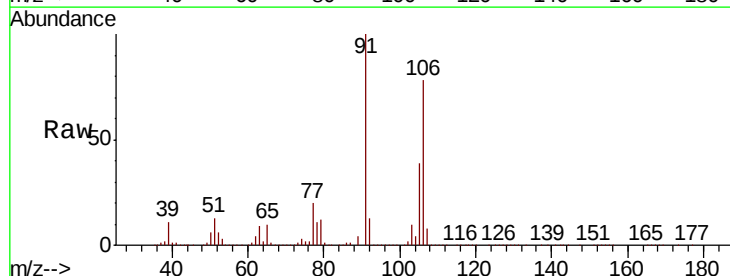
Instrument :
MSVOA_W
ClientSampled :

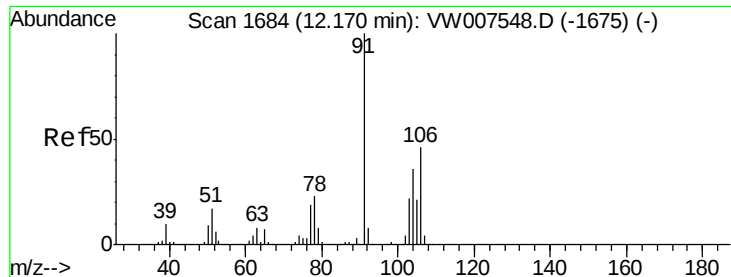
Tot Ion: 91 Resp: 2656335
Ion Ratio Lower Upper
91 100
106 32.8 21.8 32.8#



#68
m/p-Xylenes
Concen: 21553.097 ug/l
RT: 11.85 min Scan# 1632
Delta R.T. 0.01 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Tgt Ion: 106 Resp: 14035949
Ion Ratio Lower Upper
106 100
91 162.1 165.3 247.9#

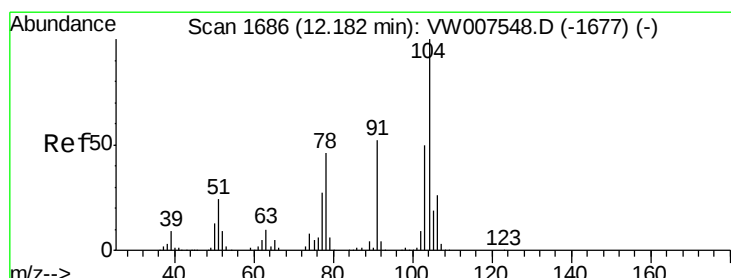
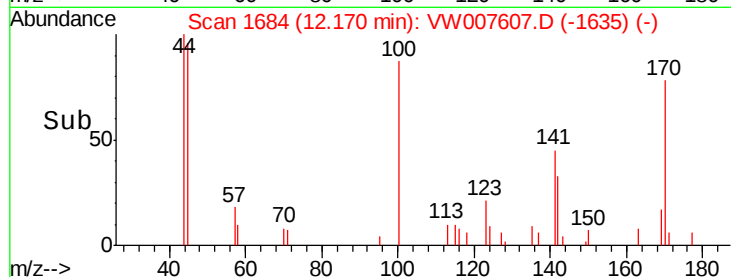
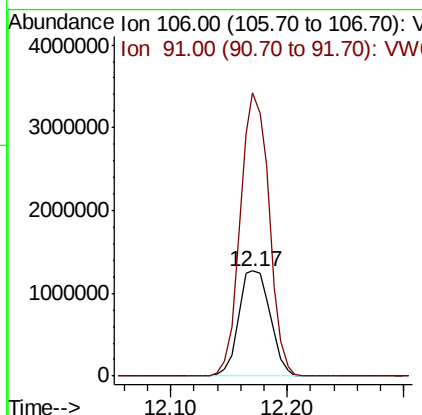
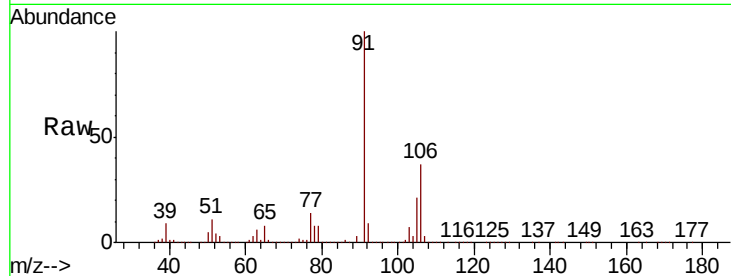




#69
o-Xylene
Concen: 3949.355 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

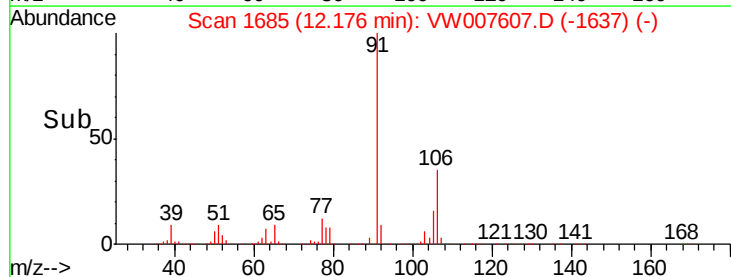
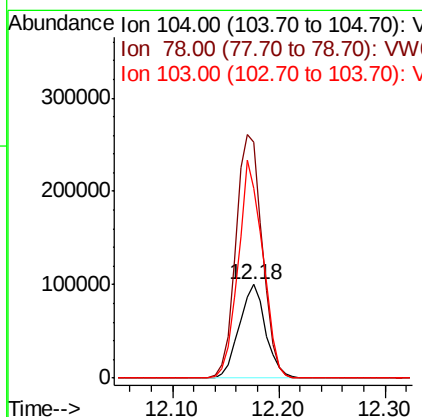
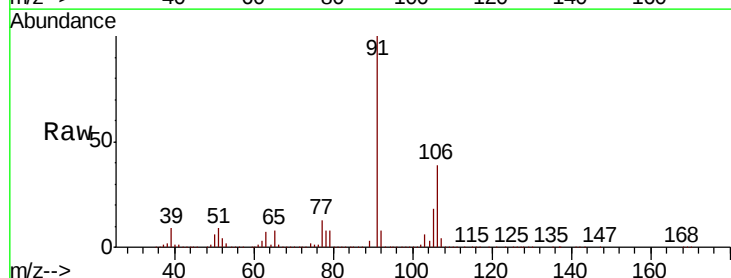
Instrument :
MSVOA_W
ClientSampleId :

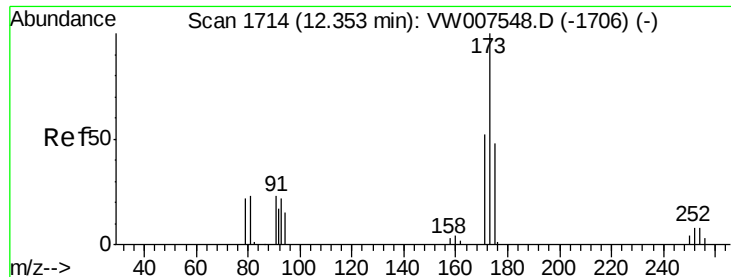
Tot Ion:106 Resp: 2402008
Ion Ratio Lower Upper
106 100
91 245.7 106.6 319.8



#70
Styrene
Concen: 177.093 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Tgt Ion:104 Resp: 173972
Ion Ratio Lower Upper
104 100
78 260.4 41.8 62.8#
103 218.9 46.6 69.8#





#71

Bromoform

Concen: 66.902 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Instrument :

MSVOA_W

ClientSampleId :

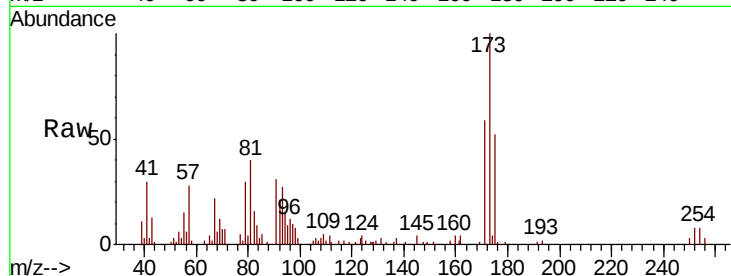
Tot Ion:173 Resp: 11751

Ion Ratio Lower Upper

173 100

175 54.4 23.6 70.8

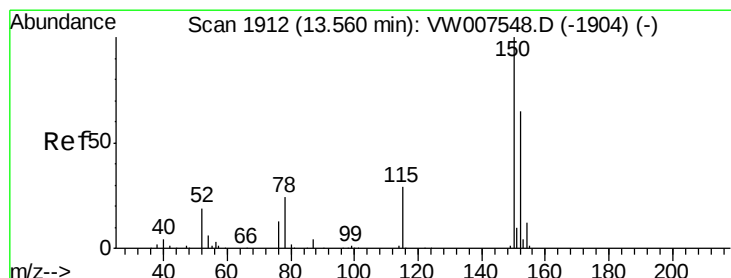
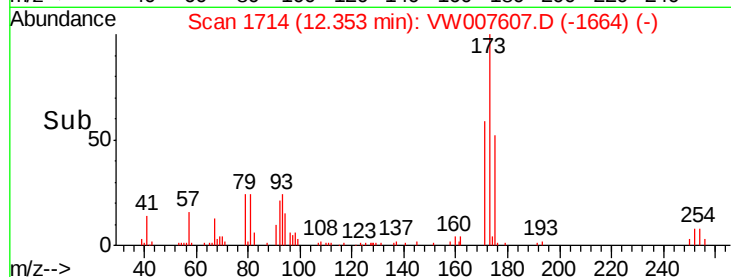
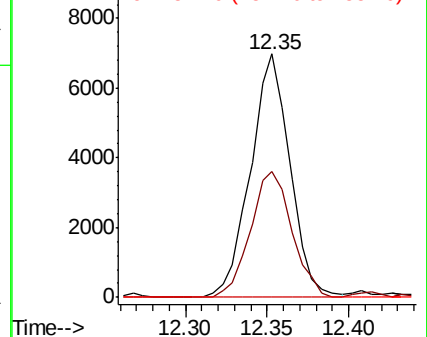
254 0.0 0.0 0.0



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: VW007607.D

Acq: 16 Dec 2018 03:49

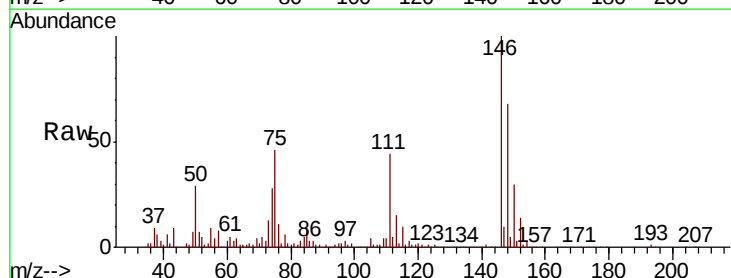
Tgt Ion:152 Resp: 11347

Ion Ratio Lower Upper

152 100

115 58.4 31.4 94.2

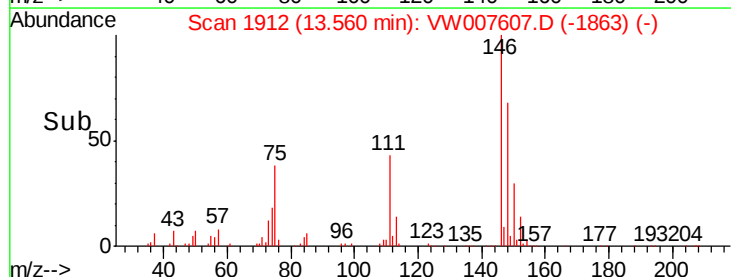
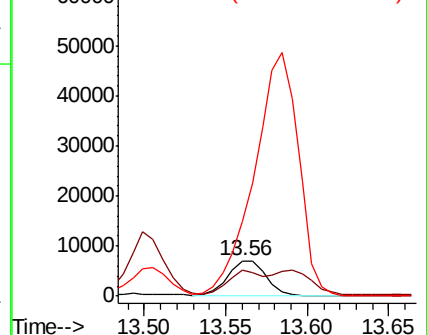
150 0.0 0.0 358.4

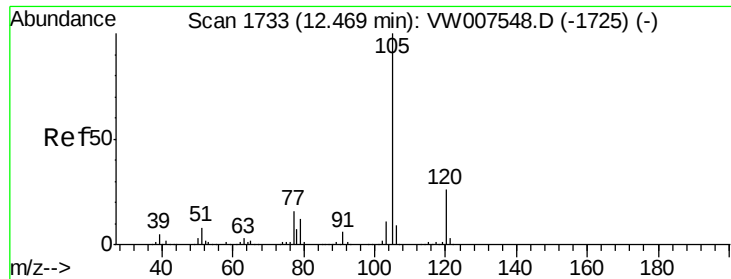


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 197.182 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Instrument :

MSVOA_W

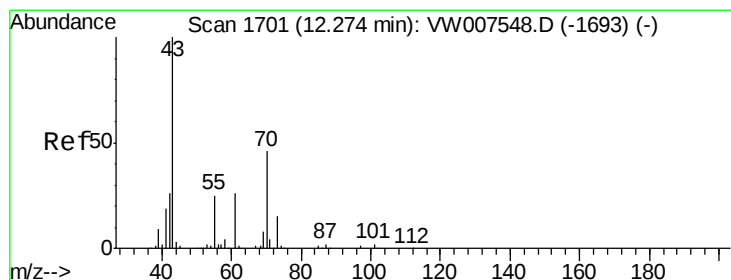
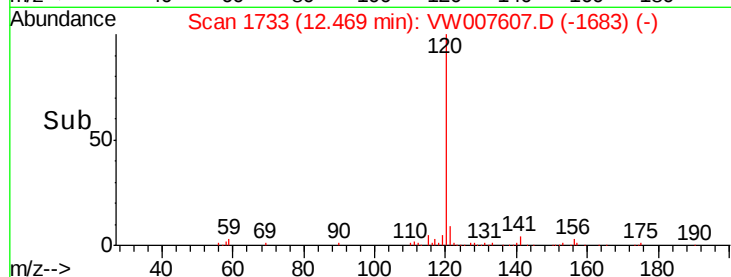
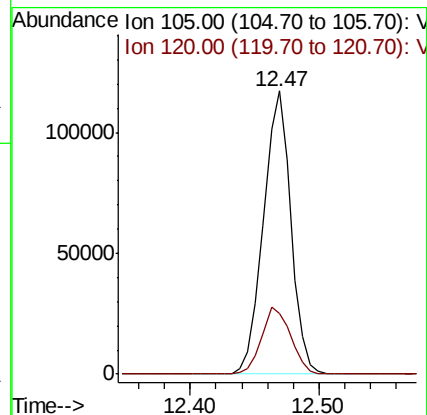
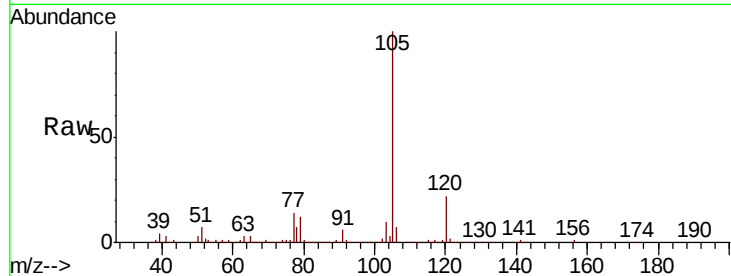
ClientSampled :

Tot Ion:105 Resp: 171440

Ion Ratio Lower Upper

105 100

120 25.2 12.8 38.4



#74

N-ethyl acetate

Concen: 124.982 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Tgt Ion: 43 Resp: 19749

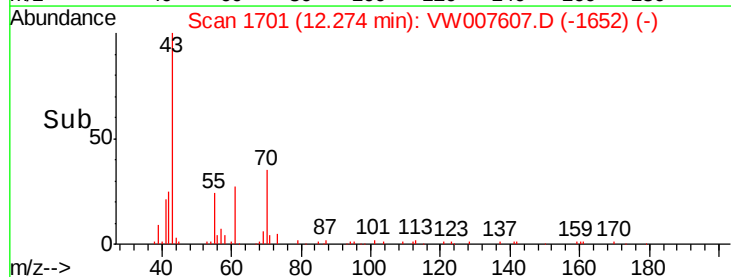
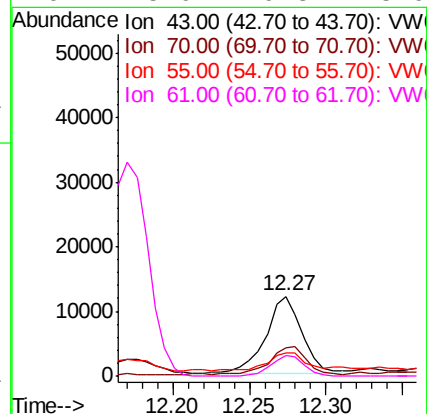
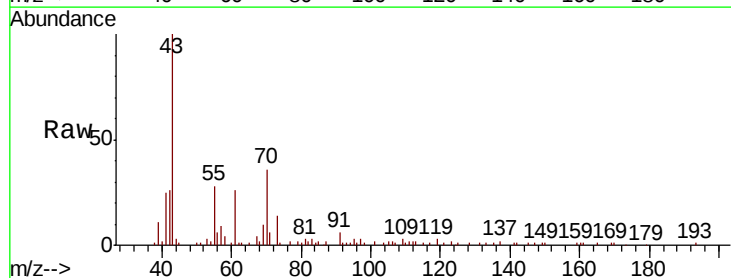
Ion Ratio Lower Upper

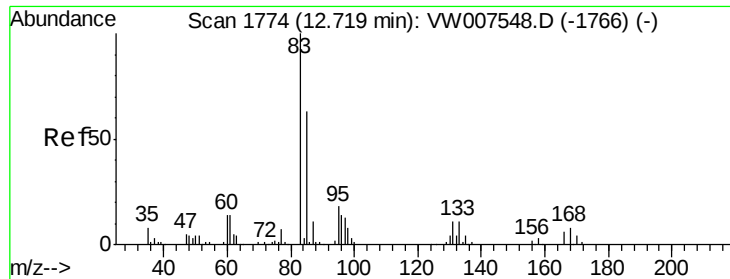
43 100

70 35.3 36.5 54.7#

55 24.9 20.1 30.1

61 23.9 19.3 28.9

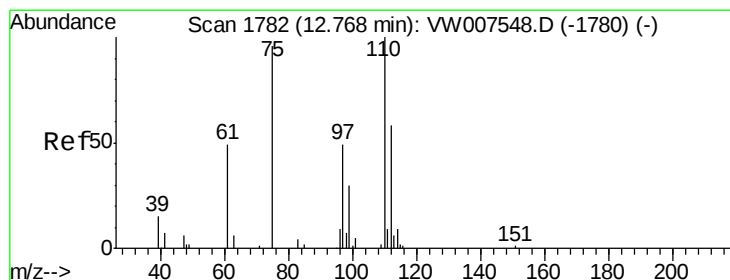
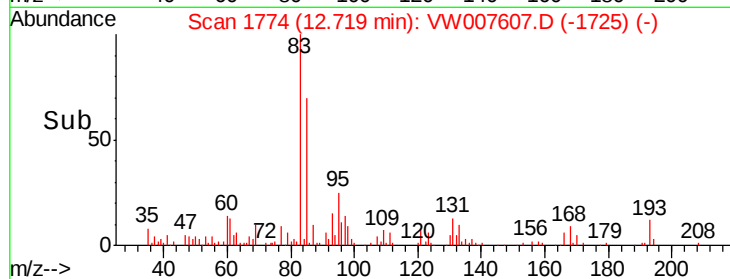
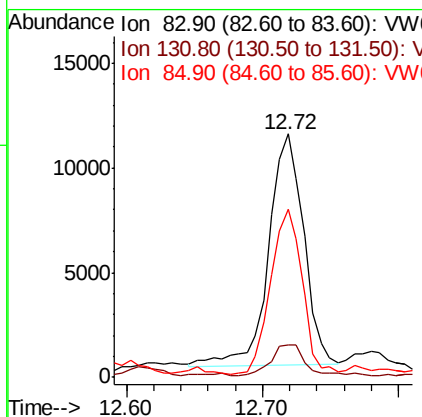
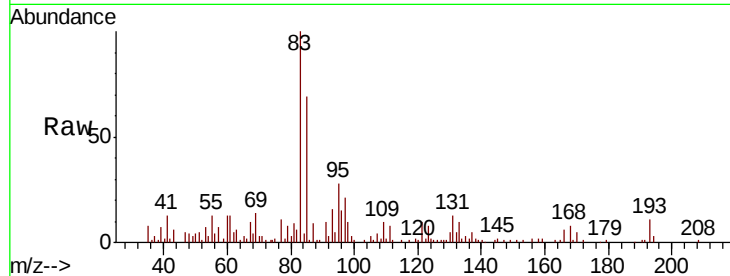




#75
 1,1,2,2-Tetrachloroethane
 Concen: 155.992 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: VW007607.D
 Acq: 16 Dec 2018 03:49

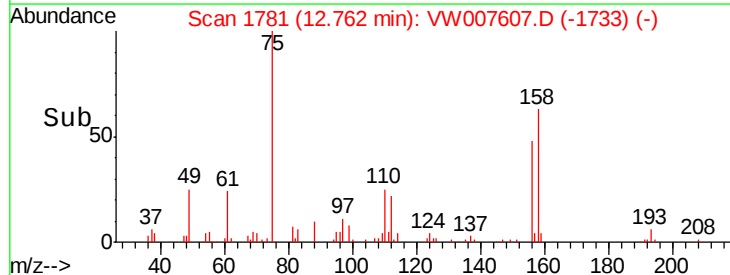
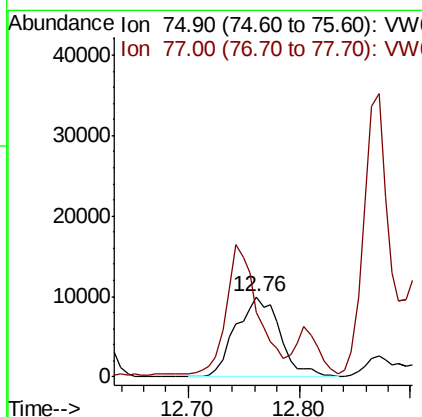
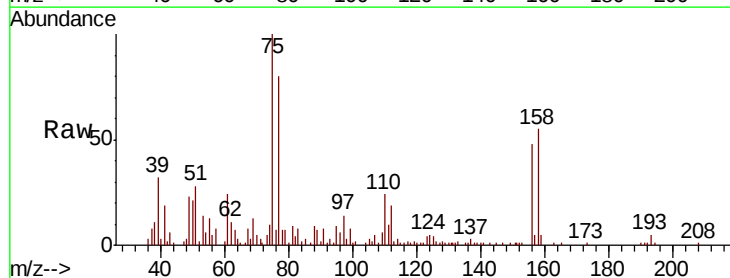
Instrument :
 MSVOA_W
 ClientSampleId :

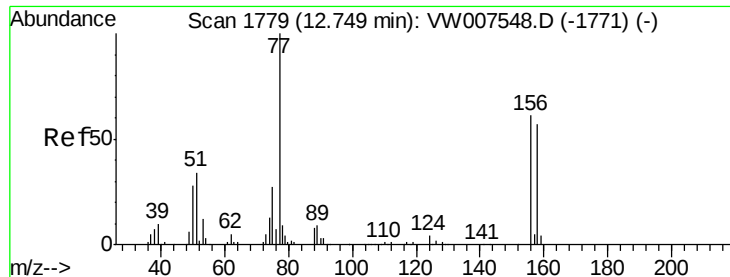
Tot Ion: 83 Resp: 20088
 Ion Ratio Lower Upper
 83 100
 131 13.6 5.9 17.8
 85 63.7 30.0 90.0



#76
 1,2,3-Trichloropropane
 Concen: 292.937 ug/l
 RT: 12.76 min Scan# 1781
 Delta R.T. -0.01 min
 Lab File: VW007607.D
 Acq: 16 Dec 2018 03:49

Tgt Ion: 75 Resp: 27407
 Ion Ratio Lower Upper
 75 100
 77 114.4 166.9 500.8#





#77

Bromobenzene

Concen: 78.304 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Instrument :

MSVOA_W

ClientSampled :

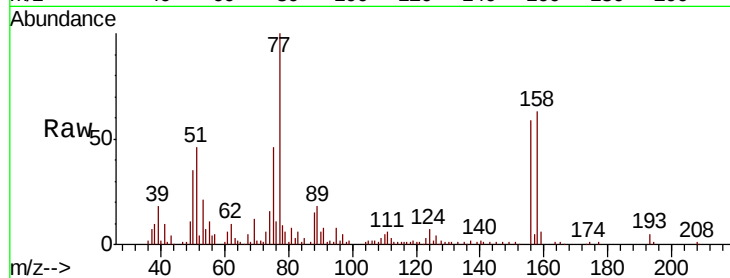
Tot Ion:156 Resp: 15091

Ion Ratio Lower Upper

156 100

77 207.7 88.1 264.4

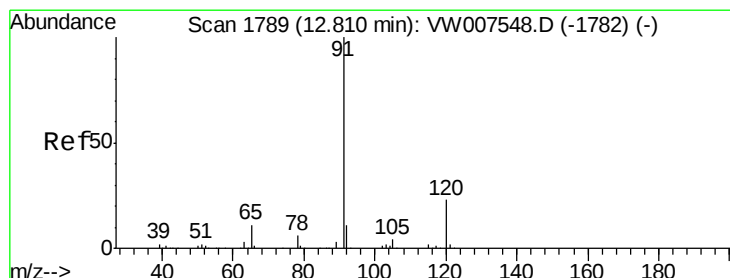
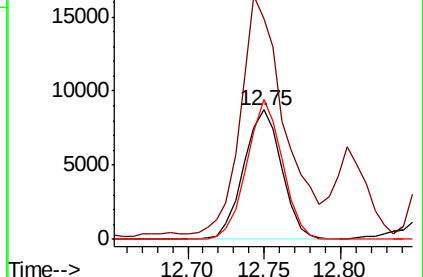
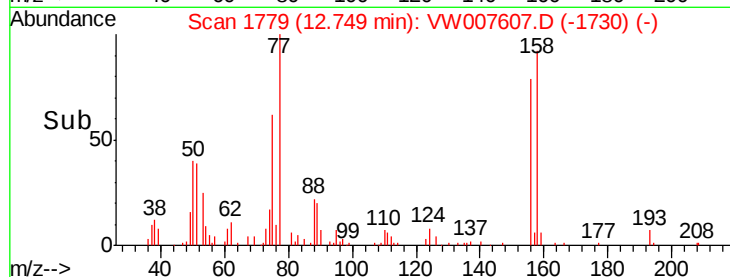
158 100.7 45.6 136.7



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: 197.517 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VW007607.D

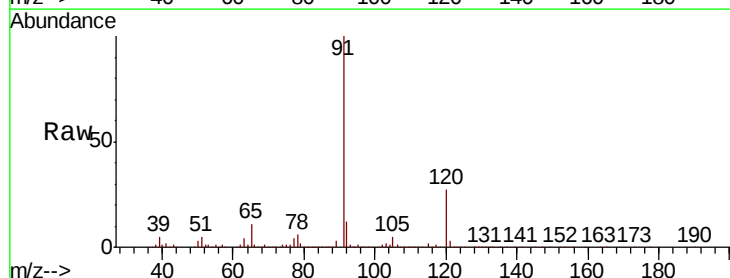
Acq: 16 Dec 2018 03:49

Tgt Ion: 91 Resp: 193268

Ion Ratio Lower Upper

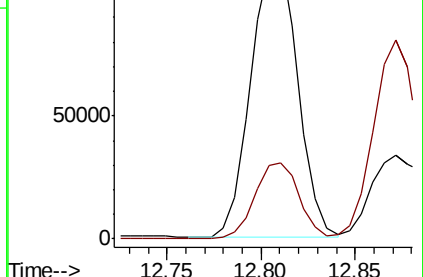
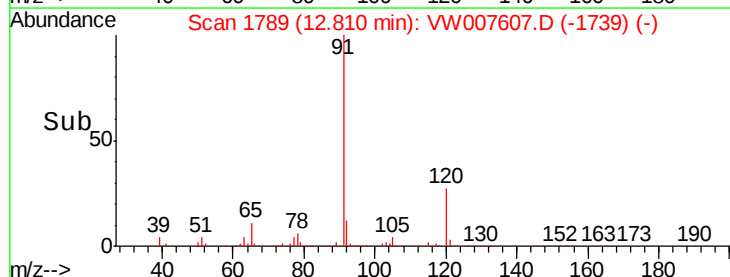
91 100

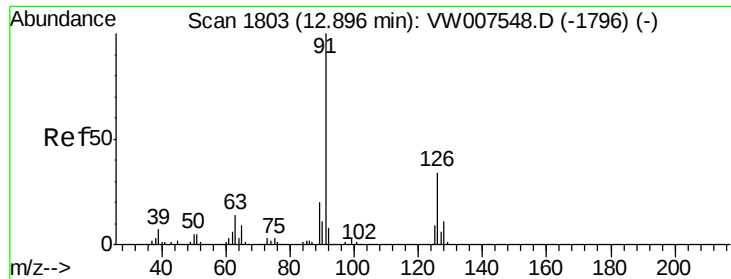
120 25.8 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

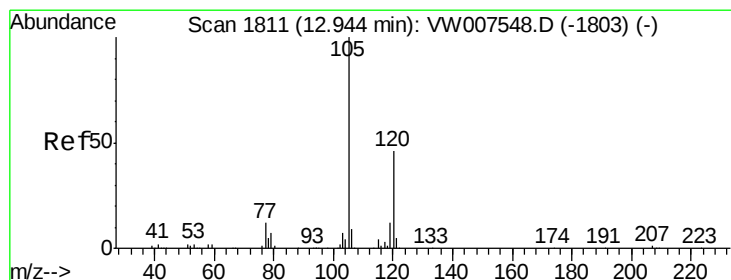
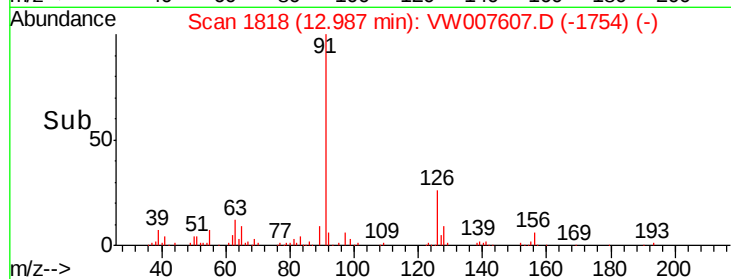
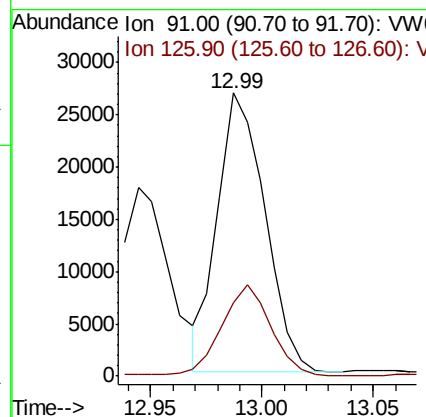
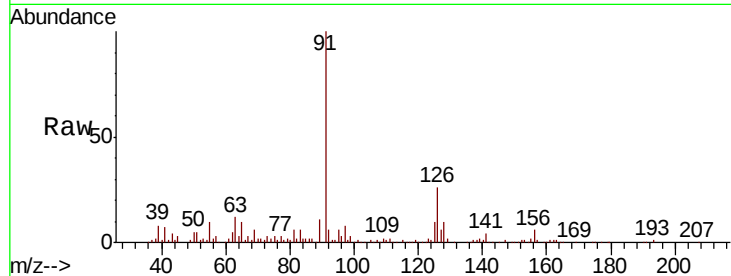




#79
 2-Chlorotoluene
 Concen: 67.027 ug/l
 RT: 12.99 min Scan# 1818
 Delta R.T. 0.09 min
 Lab File: VW007607.D
 Acq: 16 Dec 2018 03:49

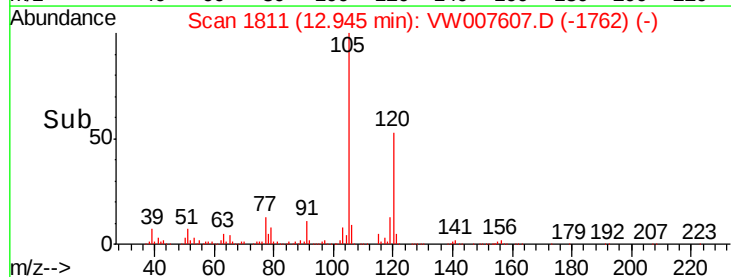
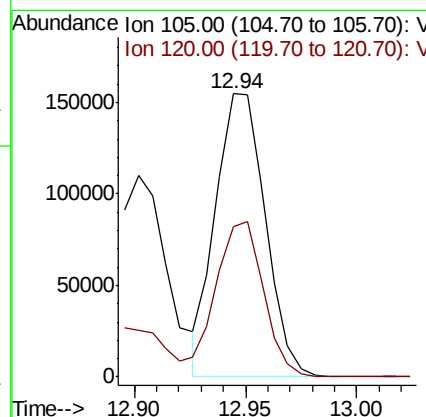
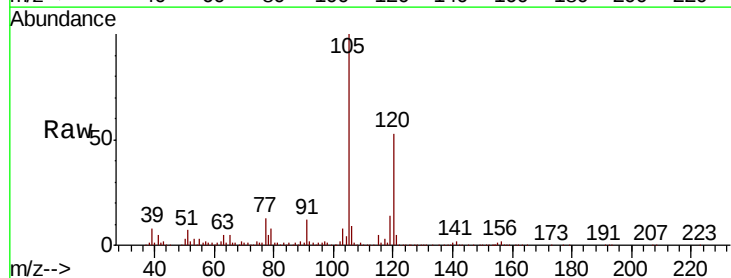
Instrument :
 MSVOA_W
 ClientSampled :

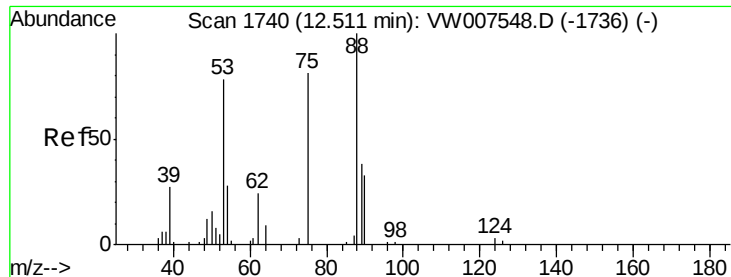
Tot Ion: 91 Resp: 39684
 Ion Ratio Lower Upper
 91 100
 126 33.5 15.9 47.6



#80
 1,3,5-Trimethylbenzene
 Concen: 327.646 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW007607.D
 Acq: 16 Dec 2018 03:49

Tgt Ion:105 Resp: 239363
 Ion Ratio Lower Upper
 105 100
 120 53.4 23.8 71.4

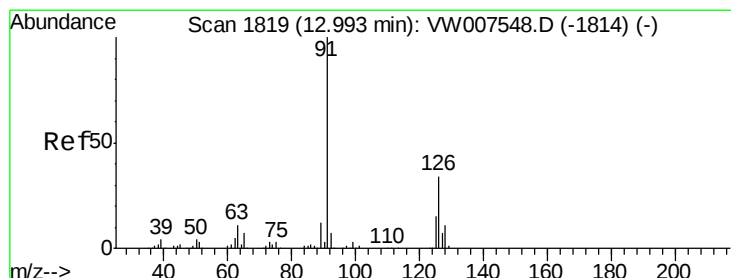
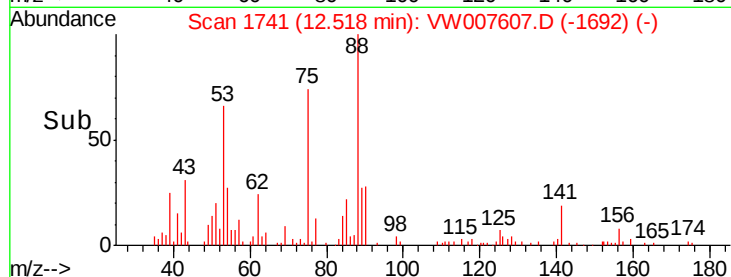
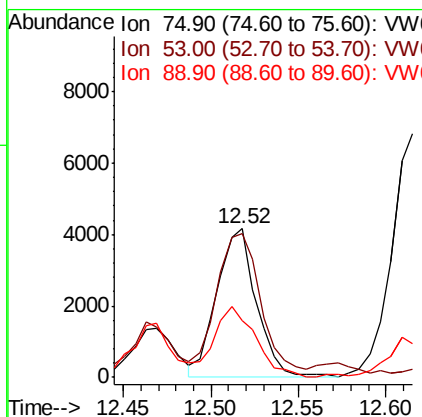
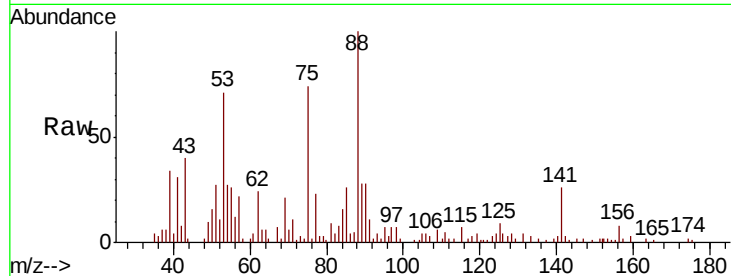




#81
trans-1,4-Dichloro-2-butene
Concen: 154.769 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

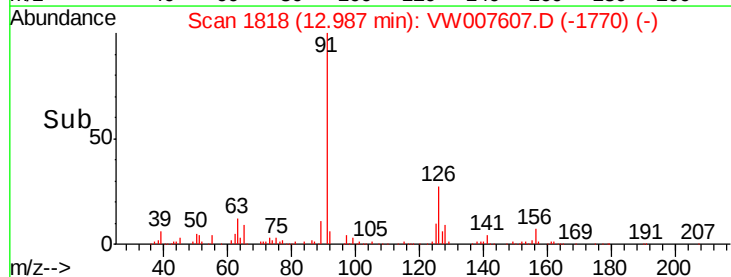
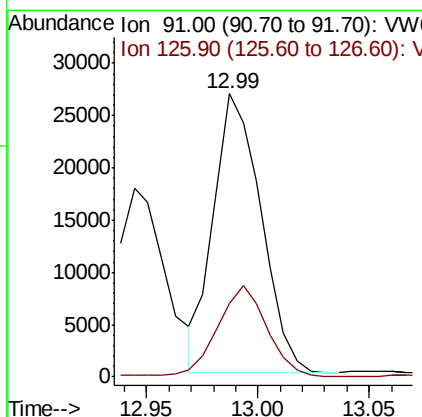
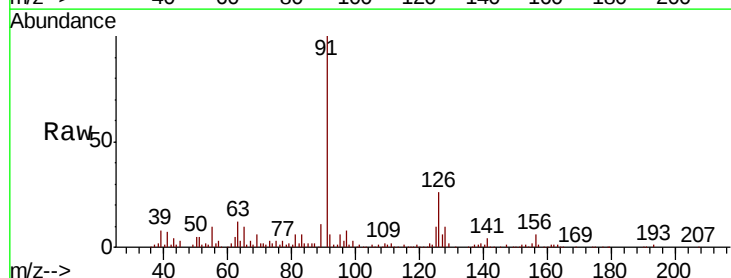
Instrument :
MSVOA_W
ClientSampled :

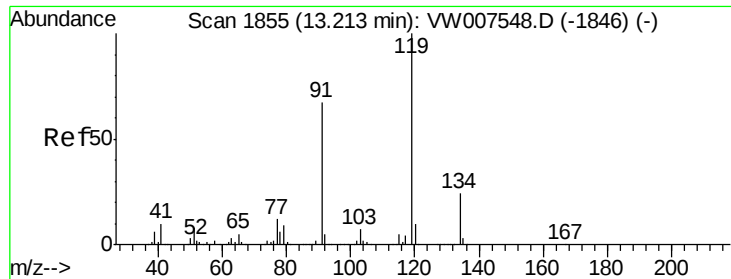
Tot Ion: 75 Resp: 6555
Ion Ratio Lower Upper
75 100
53 97.4 84.9 127.3
89 50.3 40.3 60.5



#82
4-Chlorotoluene
Concen: 63.587 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.01 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Tgt Ion: 91 Resp: 39684
Ion Ratio Lower Upper
91 100
126 33.5 16.0 48.0

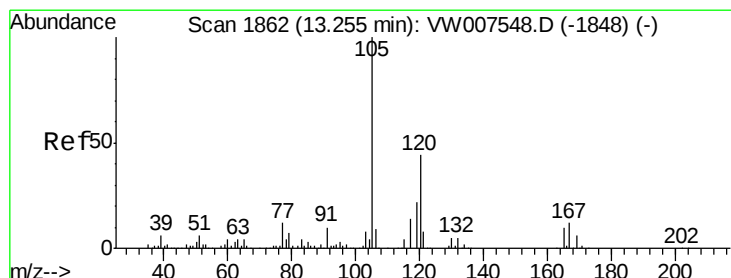
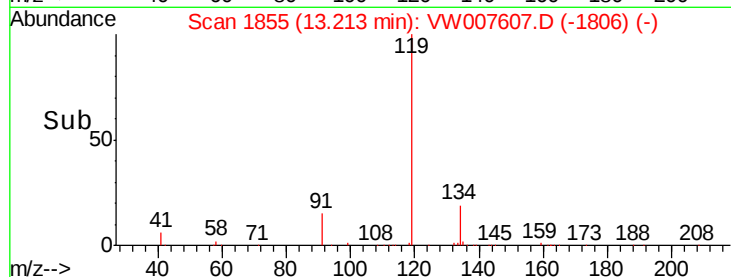
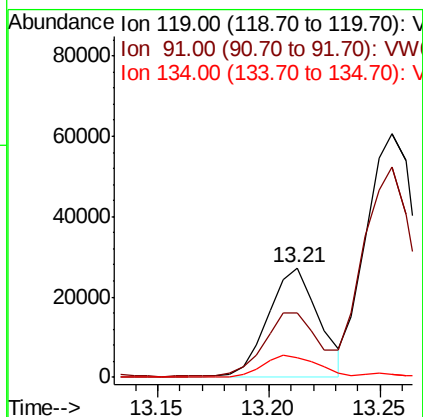
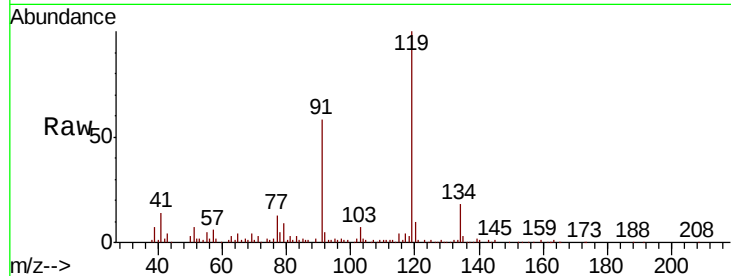




#83
tert-Butylbenzene
Concen: 66.635 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

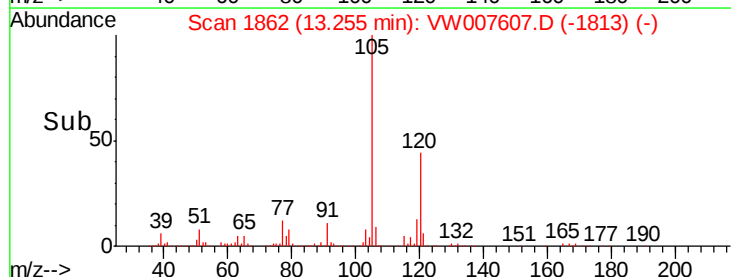
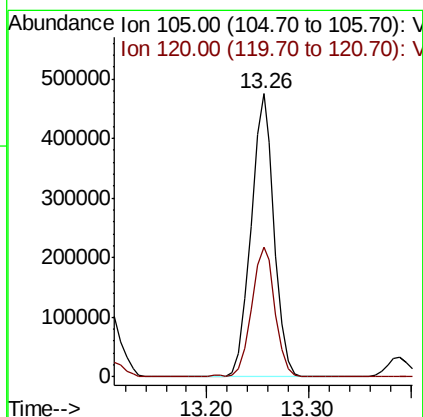
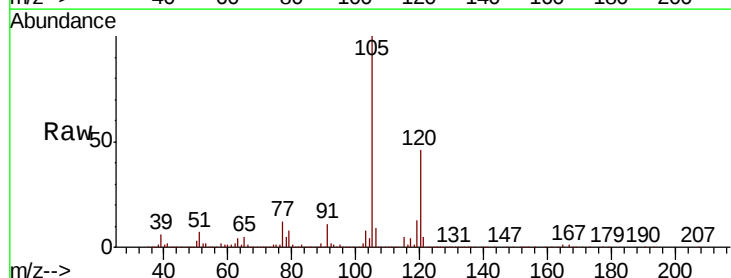
Instrument :
MSVOA_W
ClientSampled :

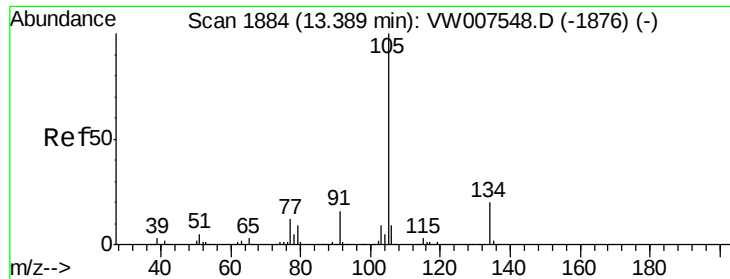
Tot Ion:119 Resp: 42894
Ion Ratio Lower Upper
119 100
91 59.2 33.1 99.2
134 21.2 12.5 37.5



#84
1,2,4-Trimethylbenzene
Concen: 989.150 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Tgt Ion:105 Resp: 743620
Ion Ratio Lower Upper
105 100
120 46.9 22.6 67.7





#85

sec-Butylbenzene

Concen: 58.706 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Instrument :

MSVOA_W

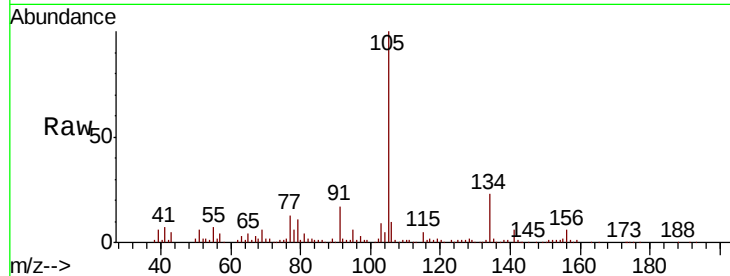
ClientSampleId :

Tot Ion:105 Resp: 51588

Ion Ratio Lower Upper

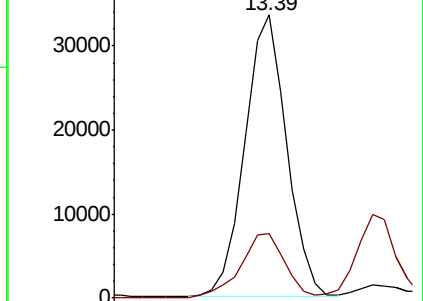
105 100

134 24.4 11.1 33.3

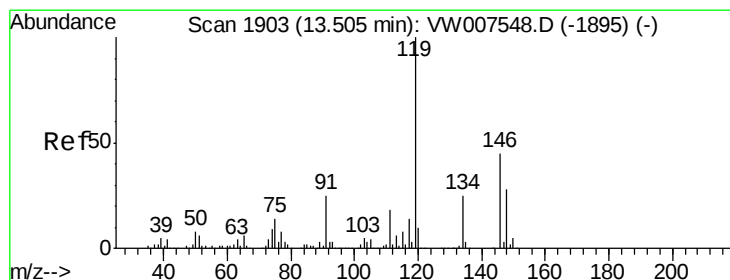
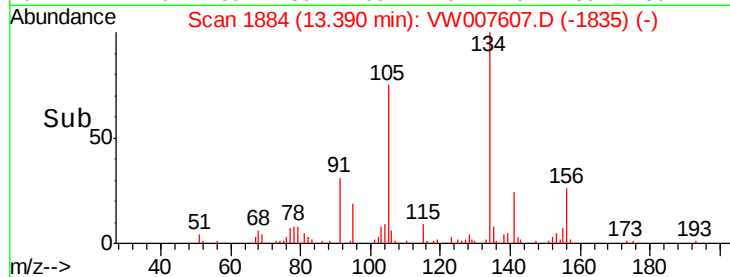


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 270.890 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

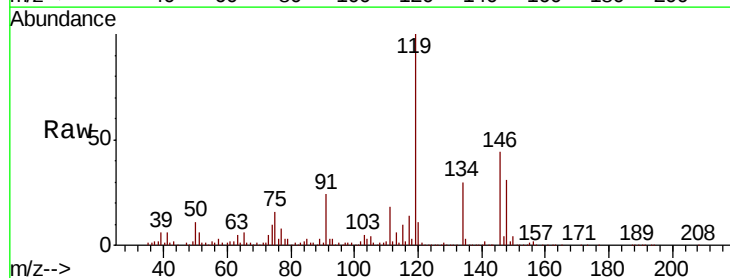
Tgt Ion:119 Resp: 213854

Ion Ratio Lower Upper

119 100

134 26.9 12.9 38.7

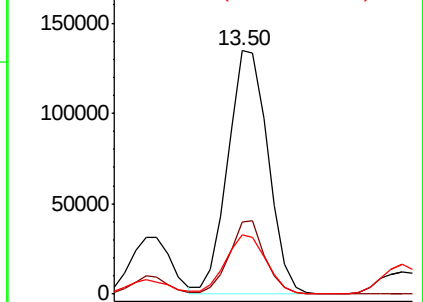
91 24.2 11.9 35.9



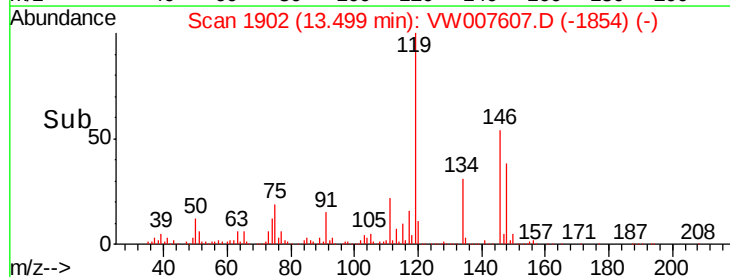
Abundance Ion 119.00 (118.70 to 119.70): V

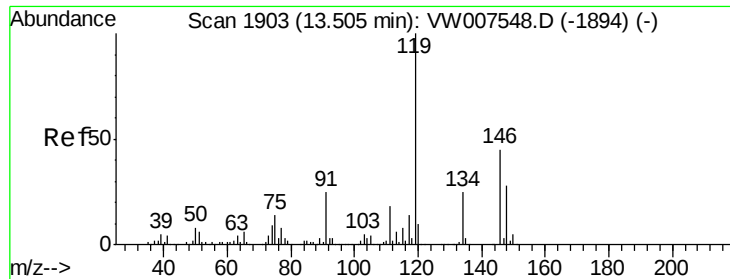
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time-->

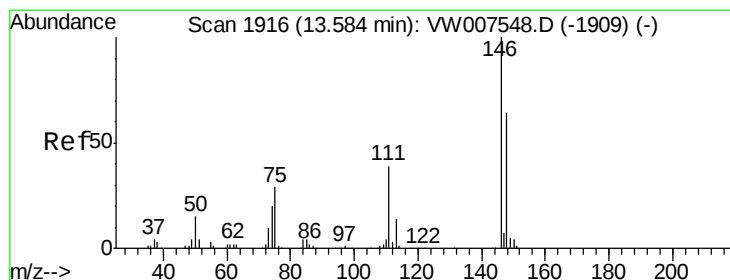
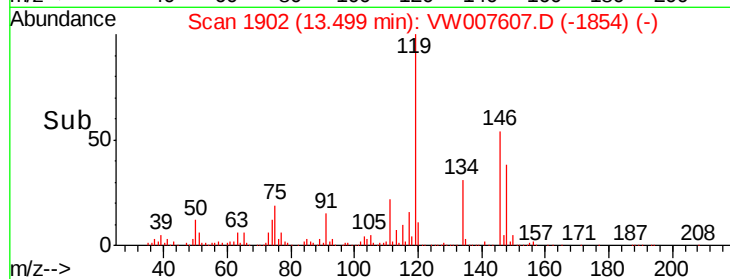
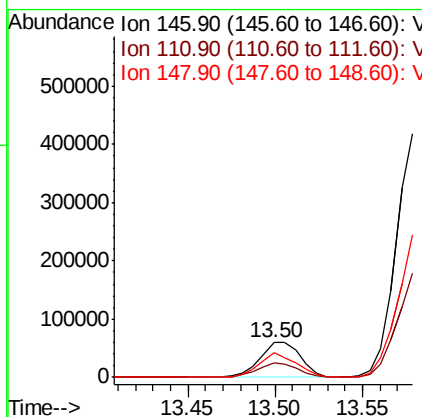
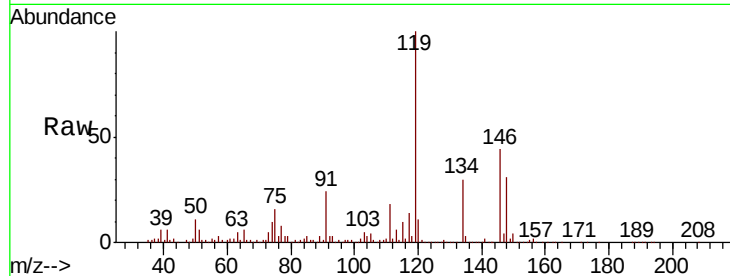




#87
 1,3-Dichlorobenzene
 Concen: 256.390 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007607.D
 Acq: 16 Dec 2018 03:49

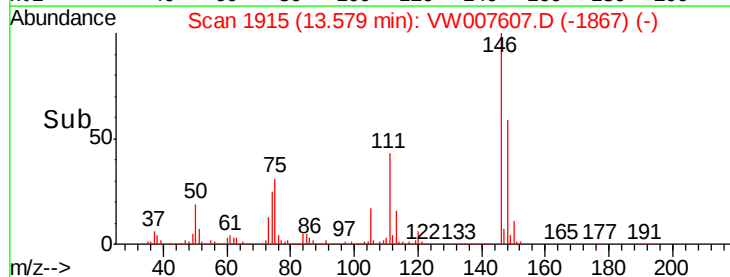
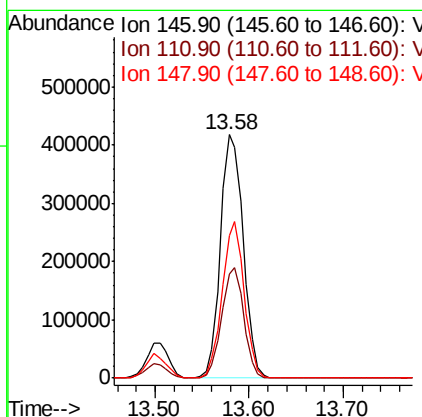
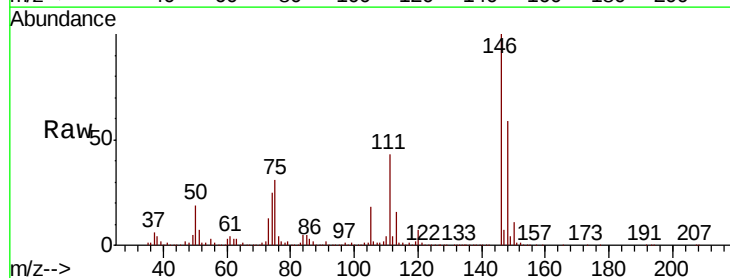
Instrument :
 MSVOA_W
 ClientSampled :

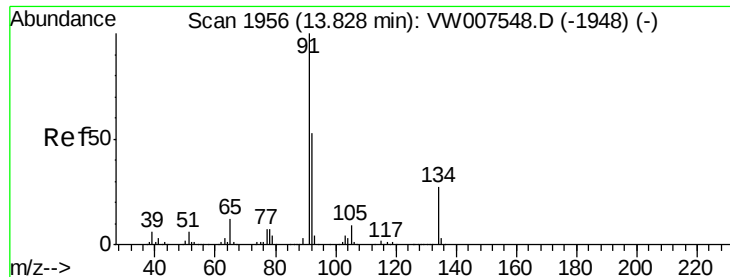
Tot Ion:146 Resp: 98518
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.1 60.3
 148 62.8 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 1803.904 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.01 min
 Lab File: VW007607.D
 Acq: 16 Dec 2018 03:49

Tgt Ion:146 Resp: 696847
 Ion Ratio Lower Upper
 146 100
 111 43.9 20.3 61.0
 148 62.2 33.5 100.5





#89

n-Butylbenzene

Concen: 72.498 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Instrument :

MSVOA_W

ClientSampleId :

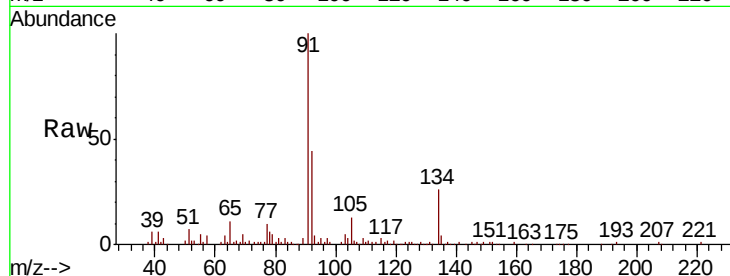
Tot Ion: 91 Resp: 53058

Ion Ratio Lower Upper

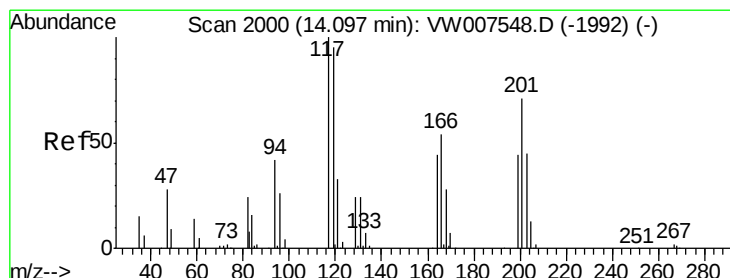
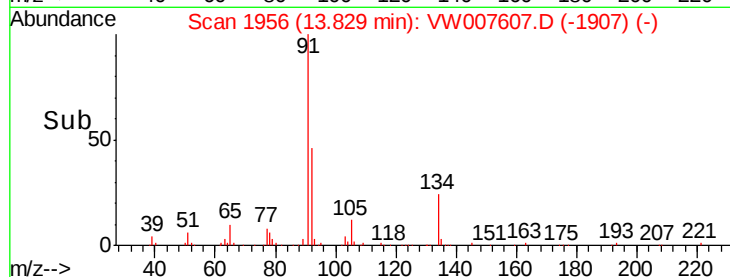
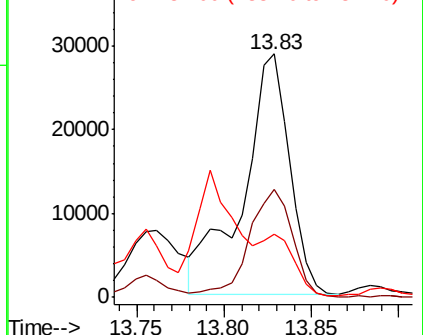
91 100

92 41.2 25.7 77.1

134 0.0 13.4 40.2#



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 85.074 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007607.D

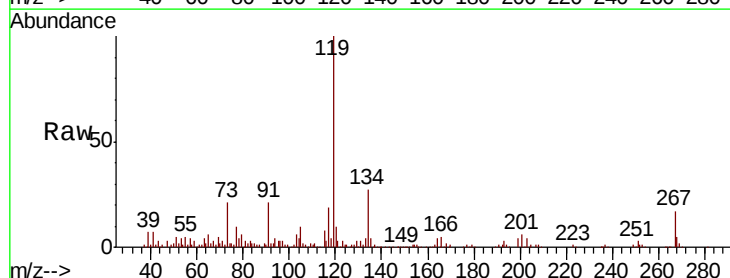
Acq: 16 Dec 2018 03:49

Tgt Ion: 117 Resp: 11950

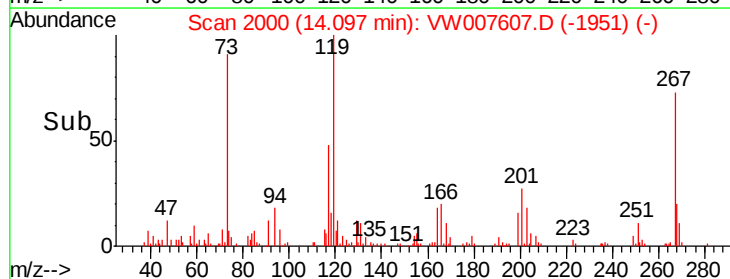
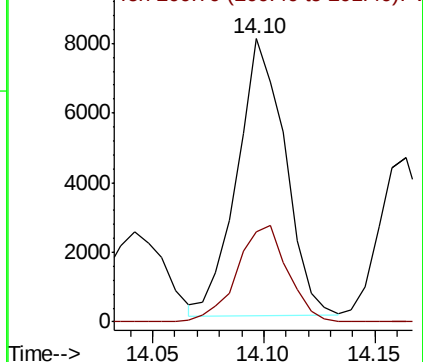
Ion Ratio Lower Upper

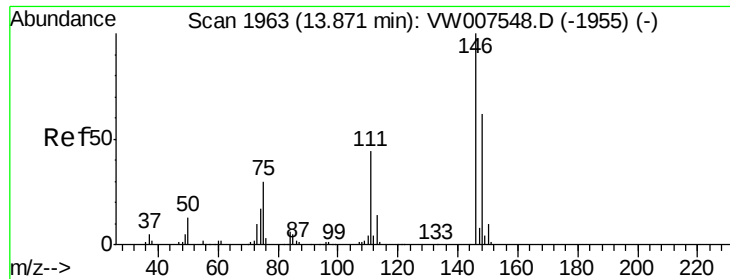
117 100

201 36.6 35.3 105.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 72.048 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.01 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

Instrument :

MSVOA_W

ClientSampleId :

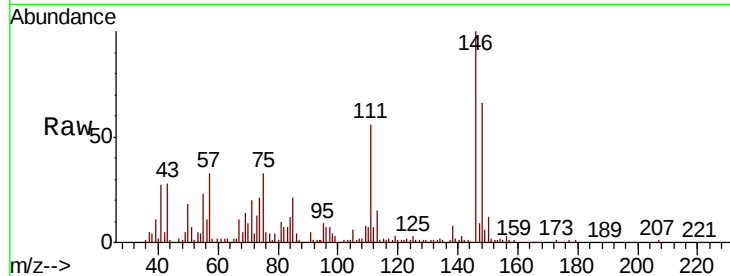
Tot Ion:146 Resp: 24796

Ion Ratio Lower Upper

146 100

111 48.9 22.4 67.2

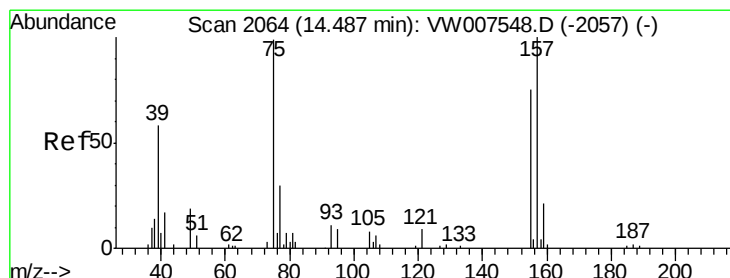
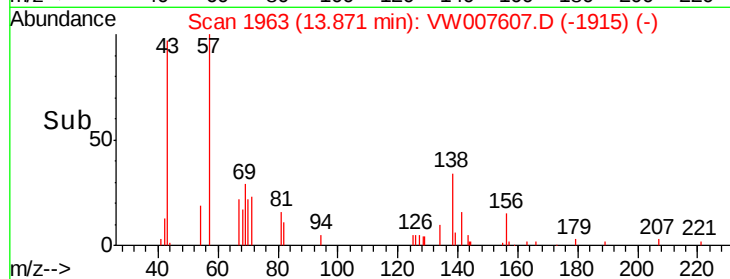
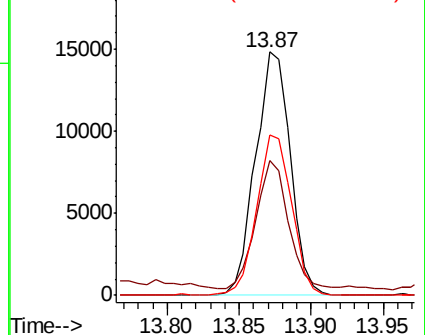
148 65.8 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 149.249 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.01 min

Lab File: VW007607.D

Acq: 16 Dec 2018 03:49

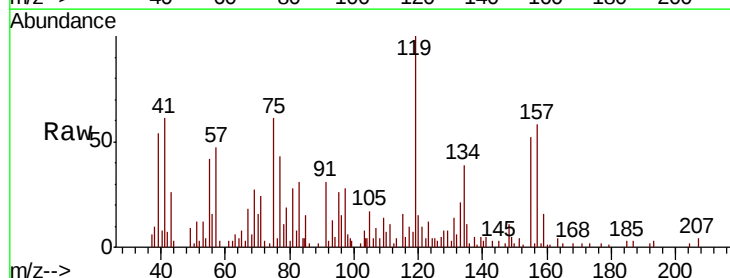
Tgt Ion: 75 Resp: 3857

Ion Ratio Lower Upper

75 100

155 75.3 40.8 122.2

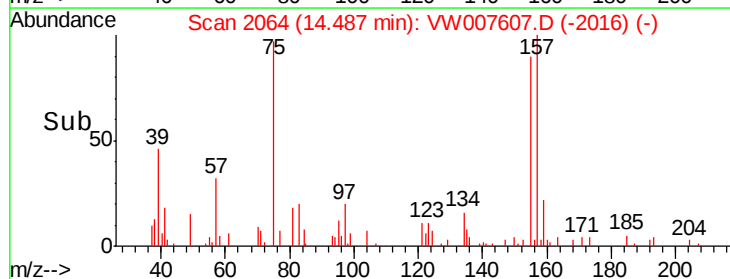
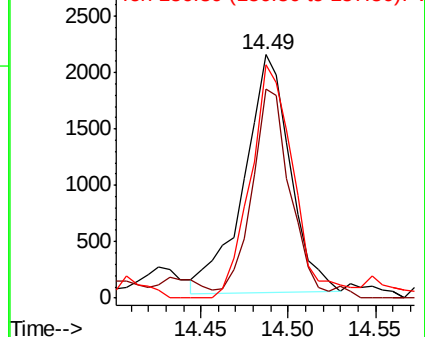
157 91.5 51.1 153.4

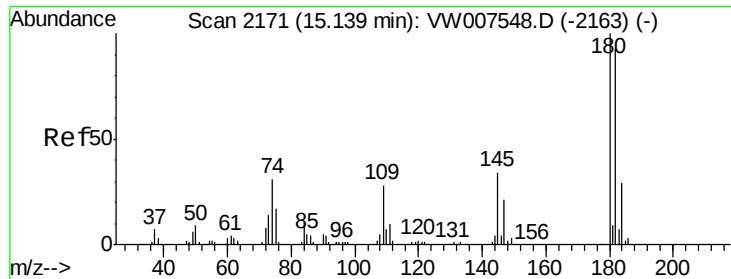


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

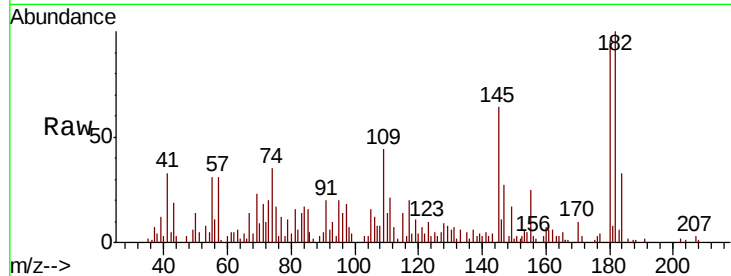




#93
 1,2,4-Trichlorobenzene
 Concen: 28.394 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007607.D
 Acq: 16 Dec 2018 03:49

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	104.6	49.9	149.6
145	63.6	17.8	53.4

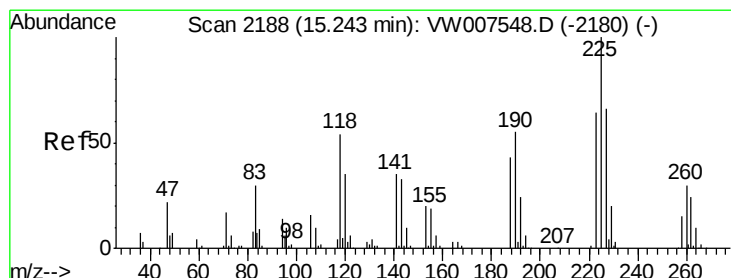
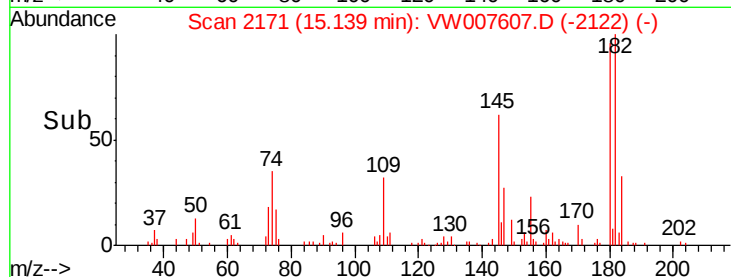
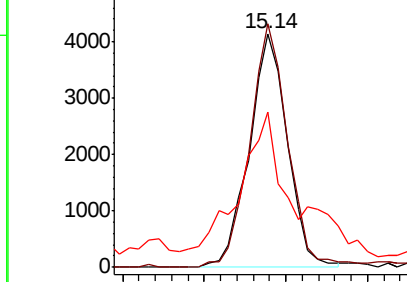


Abundance

Ion 179.80 (179.50 to 180.50): V

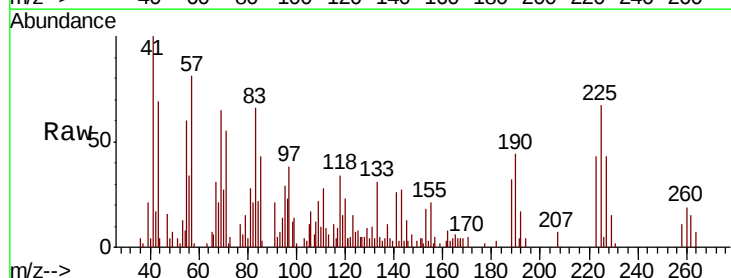
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 26.172 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007607.D
 Acq: 16 Dec 2018 03:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	32.1	96.3
227	66.3	31.9	95.9

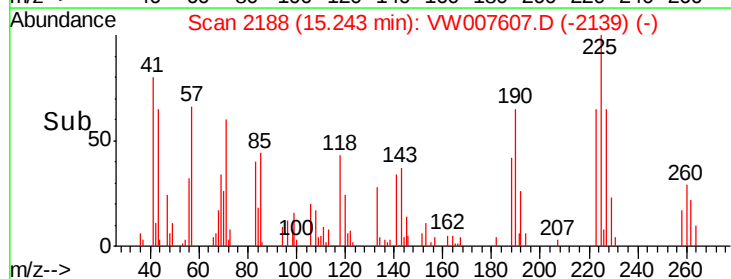
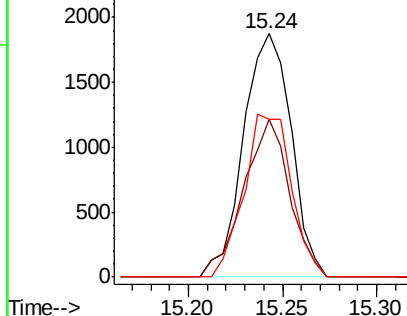


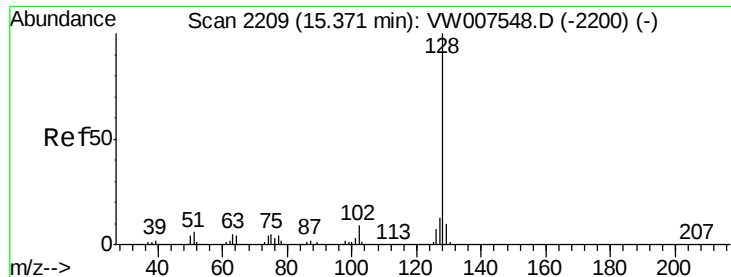
Abundance

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

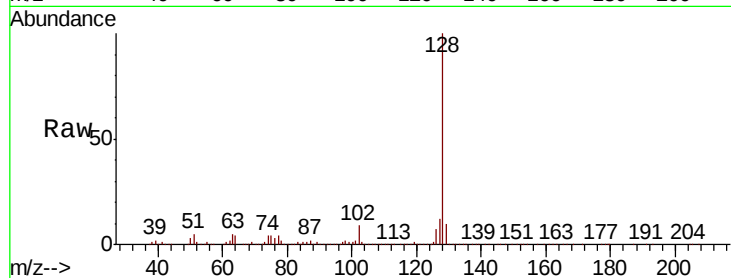




#95
Naphthalene
Concen: 713.019 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.4
129	10.8	8.3	12.5

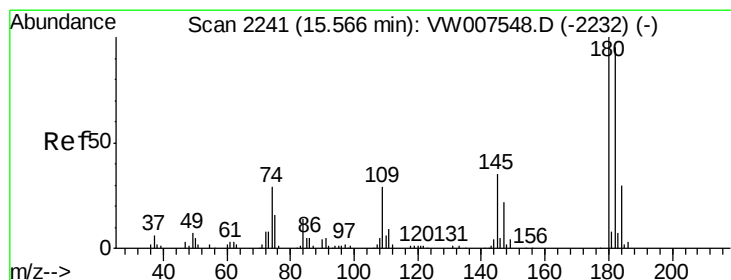
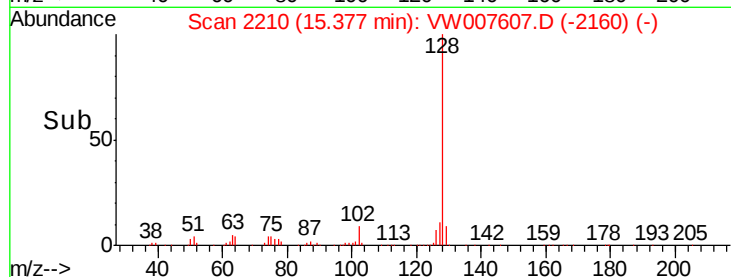
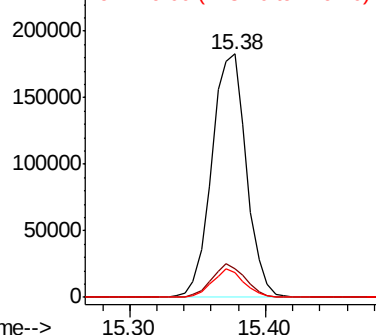


Abundance

Ion 128.00 (127.70 to 128.70): V

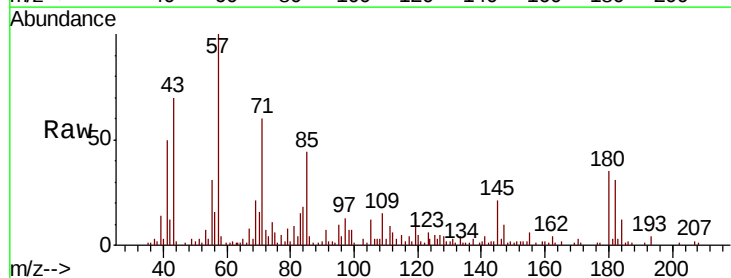
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 29.882 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW007607.D
Acq: 16 Dec 2018 03:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.2	45.6	136.7
145	93.0	17.5	52.5



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

