

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122418\
 Data File : VW007872.D
 Acq On : 23 Dec 2018 05:42
 Operator : SY/AP
 Sample : VW1222SBSD02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBSD02

Quant Time: Dec 23 23:59:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	72876	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	124956	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	111091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	55735	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	42587	53.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.64%	
35) Dibromofluoromethane	7.88	113	37948	49.78	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.56%	
50) Toluene-d8	10.32	98	150272	52.29	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.58%	
62) 4-Bromofluorobenzene	12.62	95	57094	51.43	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	11545	17.820	ug/l	97
3) Chloromethane	2.21	50	11482	28.862	ug/l	100
4) Vinyl Chloride	2.37	62	13644	26.942	ug/l	91
5) Bromomethane	2.78	94	8521	24.158	ug/l	86
6) Chloroethane	2.93	64	7478	27.602	ug/l	91
7) Trichlorofluoromethane	3.26	101	8585	16.283	ug/l	97
8) Diethyl Ether	3.68	74	7715	23.891	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	4.06	101	15297	19.701	ug/l	99
10) Methyl Iodide	4.27	142	25704	20.816	ug/l	95
11) Tert butyl alcohol	5.17	59	6352	117.887	ug/l	97
12) 1,1-Dichloroethene	4.03	96	15144	21.062	ug/l	96
13) Acrolein	3.89	56	3602	83.608	ug/l	97
14) Allyl chloride	4.67	41	22281	23.631	ug/l	92
15) Acrylonitrile	5.37	53	16346	118.663	ug/l	99
16) Acetone	4.12	43	13102	87.595	ug/l	94
17) Carbon Disulfide	4.37	76	42407	19.059	ug/l	96
18) Methyl Acetate	4.68	43	9267	26.051	ug/l	93
19) Methyl tert-butyl Ether	5.43	73	25869	25.061	ug/l	93
20) Methylene Chloride	4.91	84	18219	20.656	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	16487	20.849	ug/l	91
22) Diisopropyl ether	6.31	45	43903	24.867	ug/l	98
23) Vinyl Acetate	6.26	43	118754	113.213	ug/l	98
24) 1,1-Dichloroethane	6.21	63	28793	22.169	ug/l	99
25) 2-Butanone	7.17	43	19677	112.315	ug/l	92
26) 2,2-Dichloropropane	7.17	77	17932	18.867	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	18652	22.139	ug/l	98
28) Bromochloromethane	7.51	49	10187	23.004	ug/l	88
29) Tetrahydrofuran	7.53	42	13367	127.912	ug/l	92
30) Chloroform	7.67	83	31002	21.092	ug/l	99
31) Cyclohexane	7.95	56	26404	22.206	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	26707	19.950	ug/l	98
36) 1,1-Dichloropropene	8.08	75	23931	19.842	ug/l	99
37) Ethyl Acetate	7.25	43	9433	22.663	ug/l	99
38) Carbon Tetrachloride	8.07	117	24705	17.394	ug/l	95

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 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	30082	20.073	ug/l	97
40) Benzene	8.32	78	66525	20.671	ug/l	100
41) Methacrylonitrile	7.48	41	6066	25.669	ug/l	91
42) 1,2-Dichloroethane	8.40	62	21201	19.657	ug/l	99
43) Isopropyl Acetate	8.43	43	18663	22.381	ug/l	98
44) Trichloroethene	9.09	130	18635	19.147	ug/l	98
45) 1,2-Dichloropropane	9.37	63	15951	22.337	ug/l	94
46) Dibromomethane	9.46	93	8627	19.625	ug/l	98
47) Bromodichloromethane	9.65	83	21503	18.607	ug/l	97
48) Methyl methacrylate	9.44	41	9846	23.655	ug/l	91
49) 1,4-Dioxane	9.44	88	3075	441.209	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	45256	114.836	ug/l	97
52) Toluene	10.39	92	44833	20.763	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	22352	19.445	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	24943	19.645	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	12746	21.033	ug/l	98
56) Ethyl methacrylate	10.65	69	15541	21.705	ug/l	96
57) 1,3-Dichloropropane	10.93	76	20949	20.818	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	36028	110.208	ug/l	99
59) 2-Hexanone	10.97	43	29884	107.825	ug/l	100
60) Dibromochloromethane	11.13	129	14031	17.486	ug/l	98
61) 1,2-Dibromoethane	11.24	107	12339	20.106	ug/l	99
64) Tetrachloroethene	10.87	164	17085	21.718	ug/l	98
65) Chlorobenzene	11.66	112	48900	20.337	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	16280	18.949	ug/l	97
67) Ethyl Benzene	11.73	91	86976	21.080	ug/l	97
68) m/p-Xylenes	11.84	106	67233	42.006	ug/l	98
69) o-Xylene	12.17	106	31877	21.247	ug/l	99
70) Styrene	12.18	104	51916	21.051	ug/l	99
71) Bromoform	12.35	173	7142	16.013	ug/l #	99
73) Isopropylbenzene	12.47	105	89635	21.276	ug/l	99
74) N-amyl acetate	12.27	43	17061	23.379	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	13385	21.190	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	18128	42.082	ug/l #	100
77) Bromobenzene	12.75	156	19108	19.791	ug/l	91
78) n-propylbenzene	12.81	91	102455	20.892	ug/l	100
79) 2-Chlorotoluene	12.90	91	60834	21.294	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	76209	20.971	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	3795	18.492	ug/l	96
82) 4-Chlorotoluene	12.99	91	64734	21.281	ug/l	99
83) tert-Butylbenzene	13.21	119	66644	20.901	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	78373	21.373	ug/l	99
85) sec-Butylbenzene	13.39	105	92649	21.084	ug/l	99
86) p-Isopropyltoluene	13.50	119	83755	20.960	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	39847	20.786	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	39394	20.544	ug/l	99
89) n-Butylbenzene	13.83	91	76703	20.936	ug/l	98
90) Hexachloroethane	14.10	117	11982	17.080	ug/l	95
91) 1,2-Dichlorobenzene	13.88	146	35577	20.728	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2456	18.933	ug/l	98

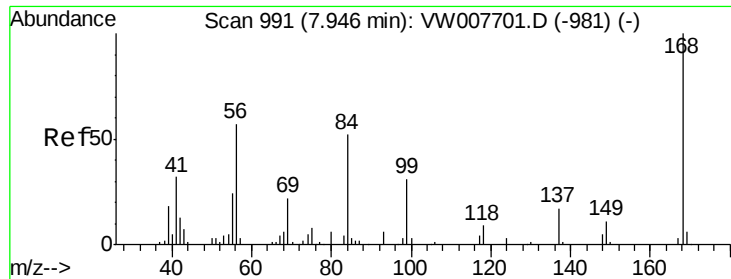
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW122418\
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Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	24483	20.550	ug/l	100
94) Hexachlorobutadiene	15.24	225	12547	19.706	ug/l	99
95) Naphthalene	15.37	128	48343	21.947	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	20971	20.563	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

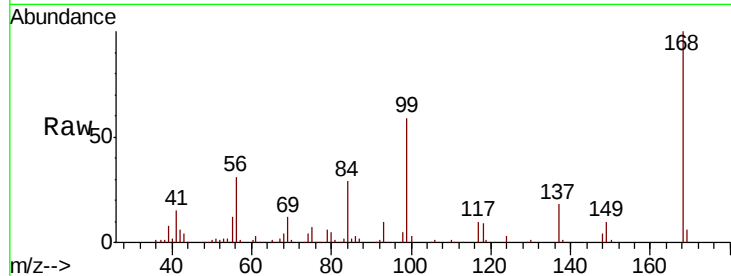
VW1224SBSD02

Tgt Ion: 168 Resp: 72876

Ion Ratio Lower Upper

168 100

99 58.7 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

30000

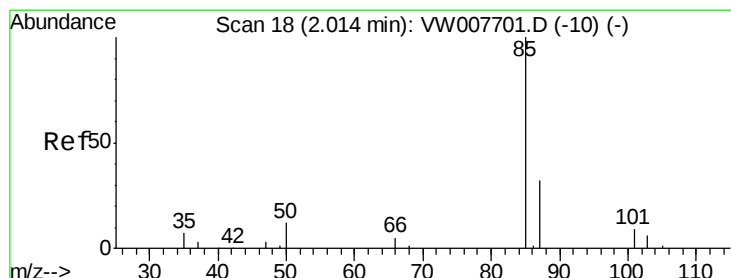
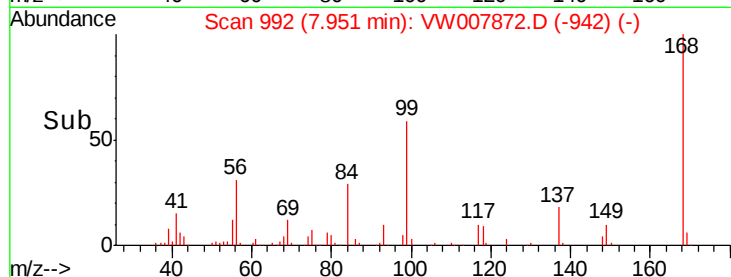
20000

10000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#2

Dichlorodifluoromethane

Concen: 17.820 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW007872.D

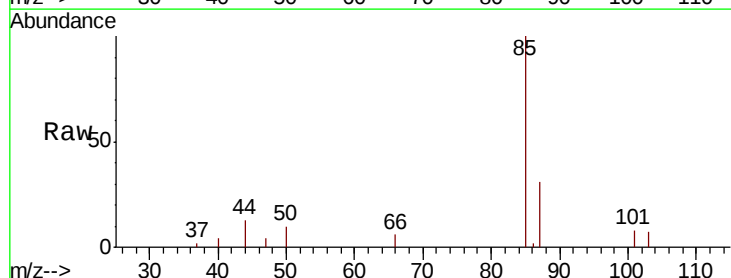
Acq: 23 Dec 2018 05:42

Tgt Ion: 85 Resp: 11545

Ion Ratio Lower Upper

85 100

87 31.0 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

4000

3000

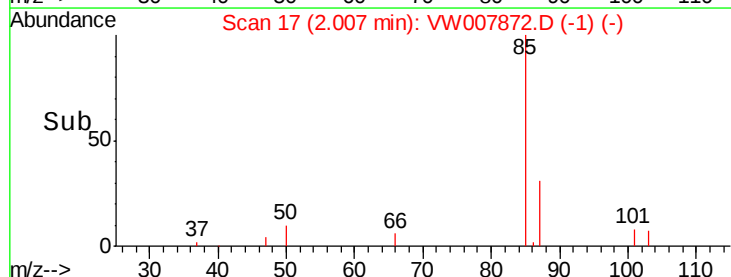
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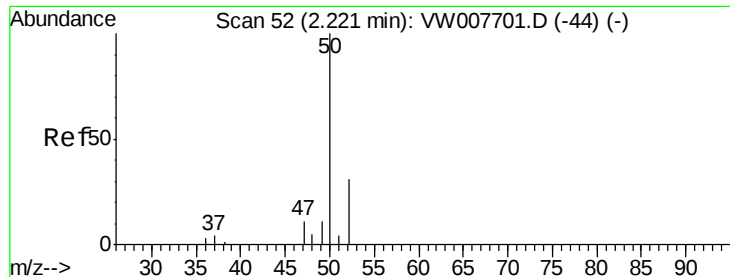
1000

0

Time-->

1.90 2.00 2.10





#3

Chloromethane

Concen: 28.862 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

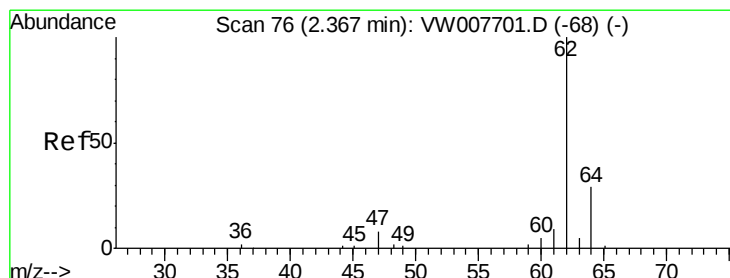
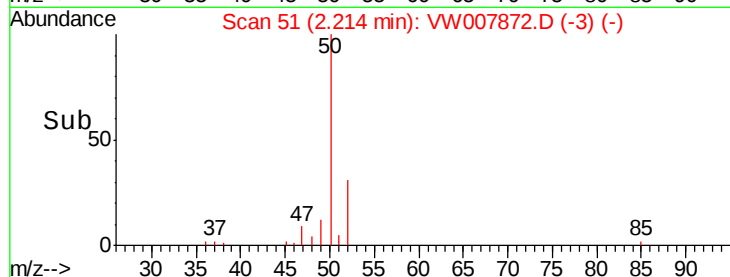
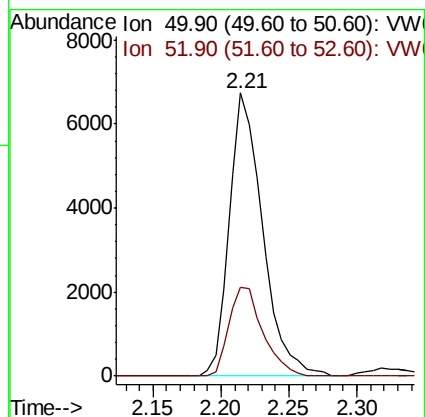
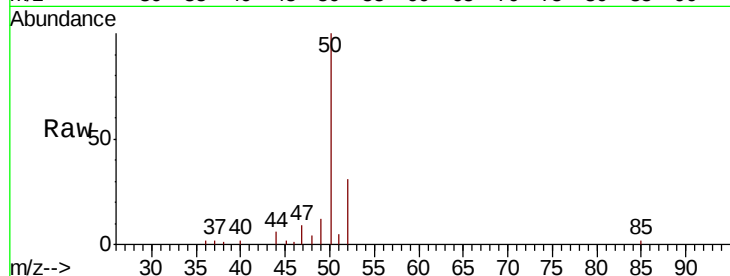
VW1224SBSD02

Tgt Ion: 50 Resp: 11482

Ion Ratio Lower Upper

50 100

52 31.2 25.1 37.7



#4

Vinyl Chloride

Concen: 26.942 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007872.D

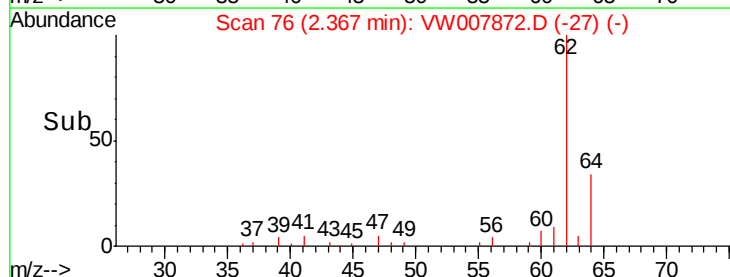
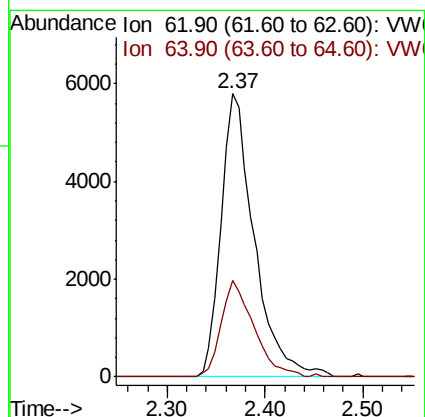
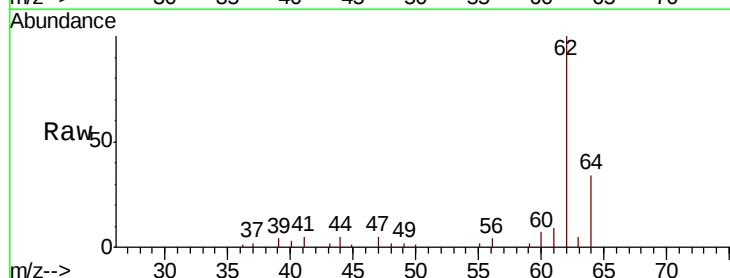
Acq: 23 Dec 2018 05:42

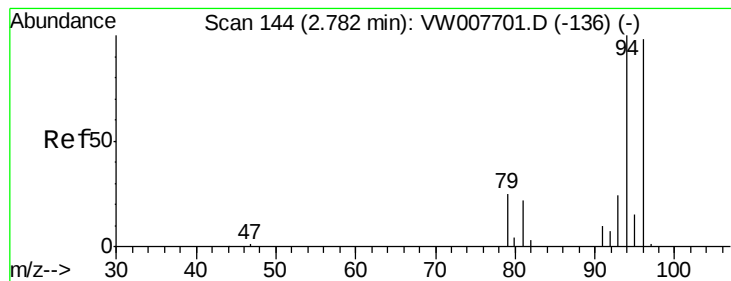
Tgt Ion: 62 Resp: 13644

Ion Ratio Lower Upper

62 100

64 34.2 23.4 35.0





#5

Bromomethane

Concen: 24.158 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

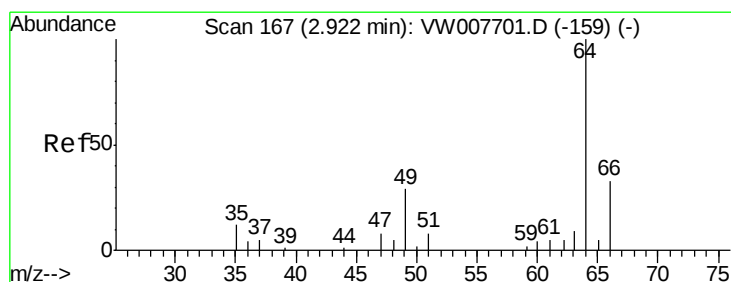
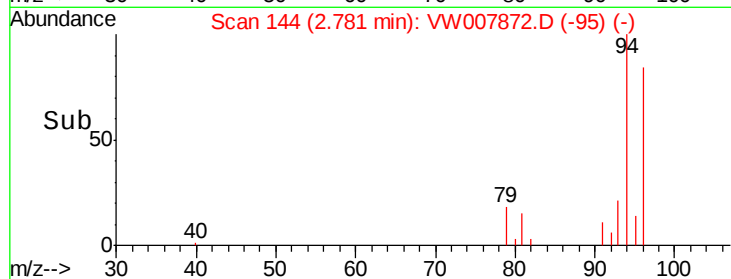
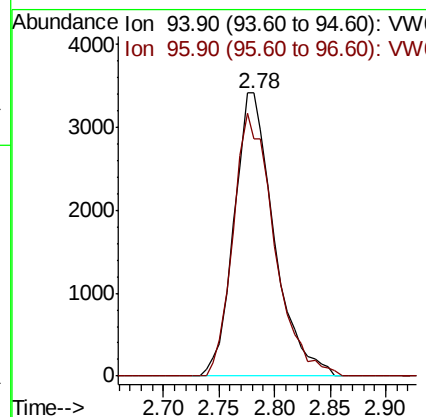
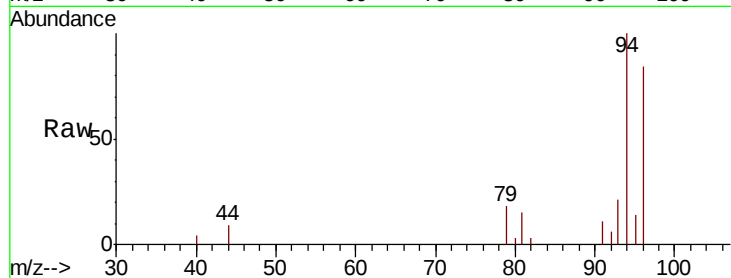
VW1224SBSD02

Tgt Ion: 94 Resp: 8521

Ion Ratio Lower Upper

94 100

96 84.0 78.2 117.2



#6

Chloroethane

Concen: 27.602 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.01 min

Lab File: VW007872.D

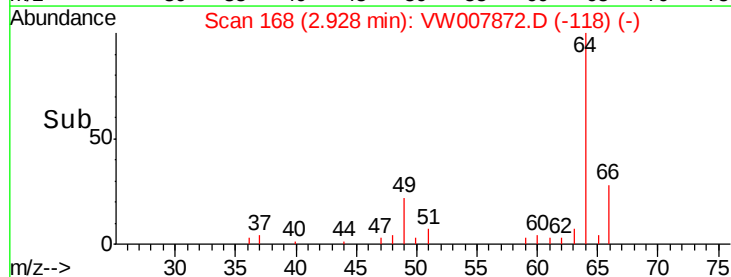
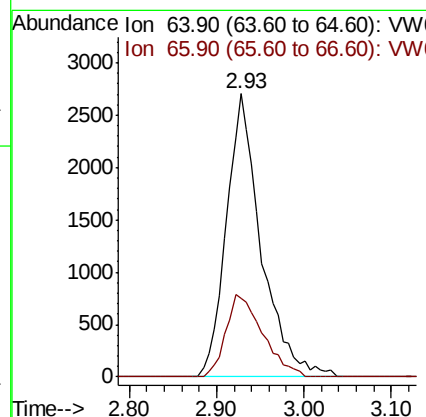
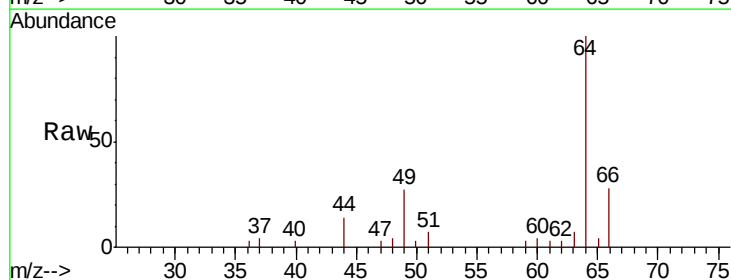
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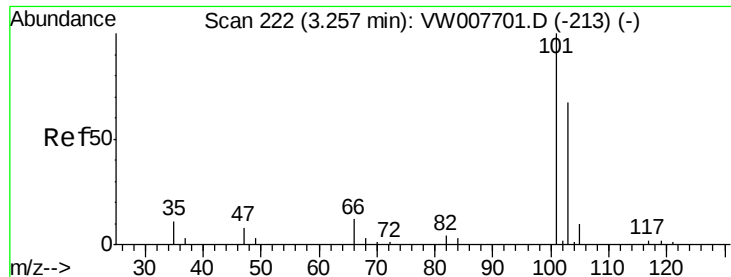
Tgt Ion: 64 Resp: 7478

Ion Ratio Lower Upper

64 100

66 27.6 26.2 39.4



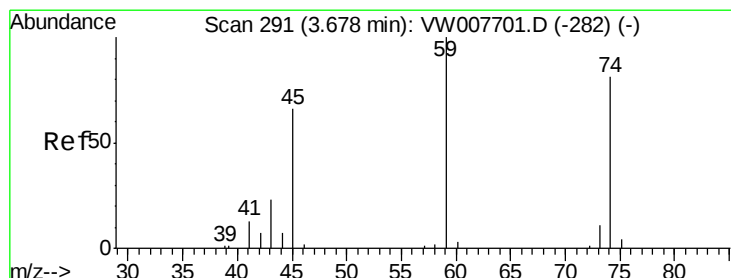
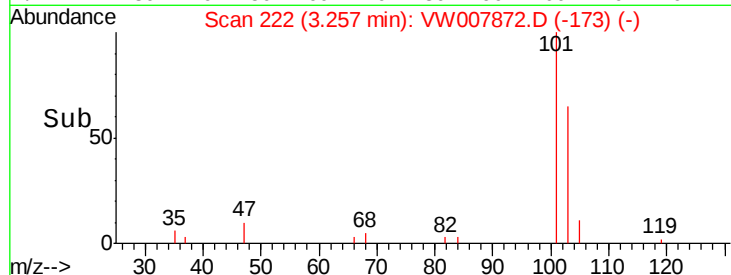
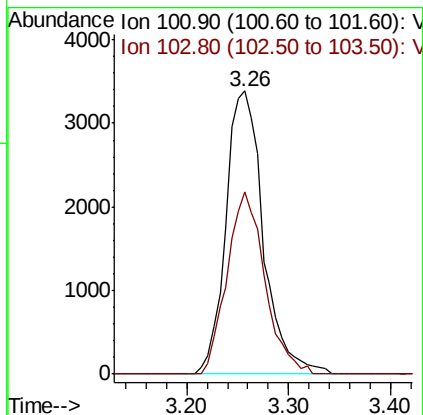
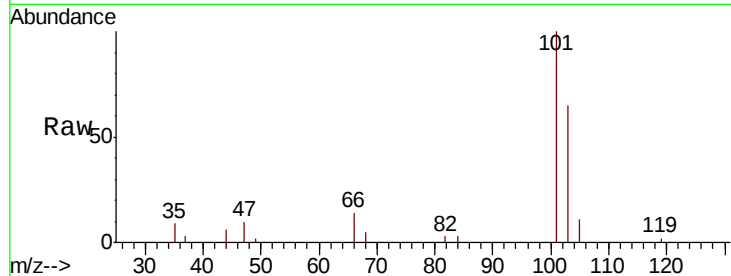


#7

Trichlorofluoromethane
 Concen: 16.283 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Instrument :
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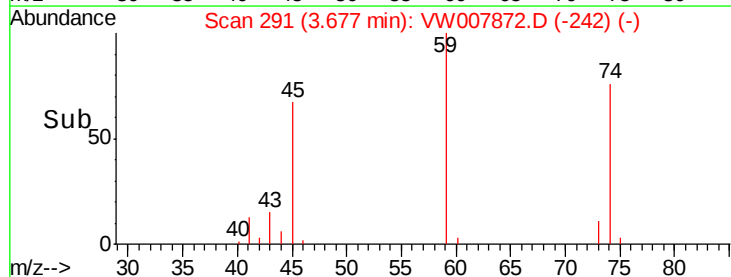
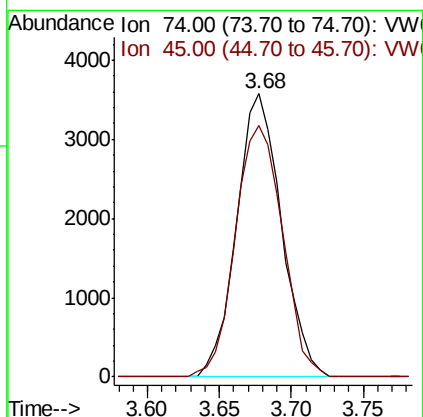
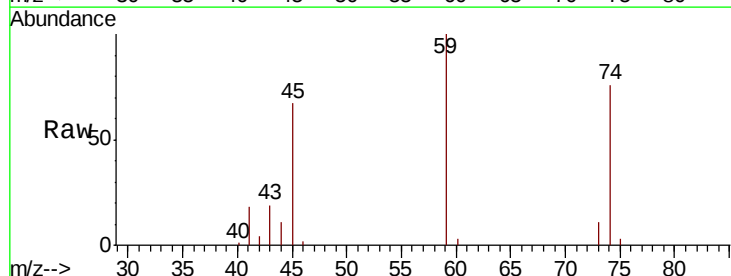
Tgt Ion: 101 Resp: 8585
 Ion Ratio Lower Upper
 101 100
 103 64.5 53.4 80.2

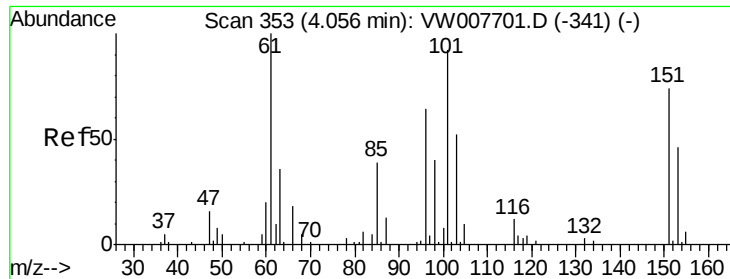


#8

Diethyl Ether
 Concen: 23.891 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Tgt Ion: 74 Resp: 7715
 Ion Ratio Lower Upper
 74 100
 45 93.5 39.4 118.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.701 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.00 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBSD02

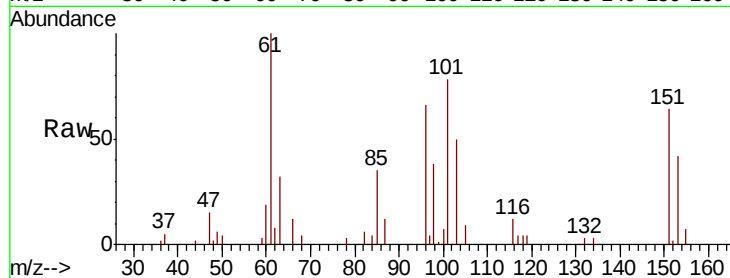
Tgt Ion:101 Resp: 15297

Ion Ratio Lower Upper

101 100

85 43.4 34.3 51.5

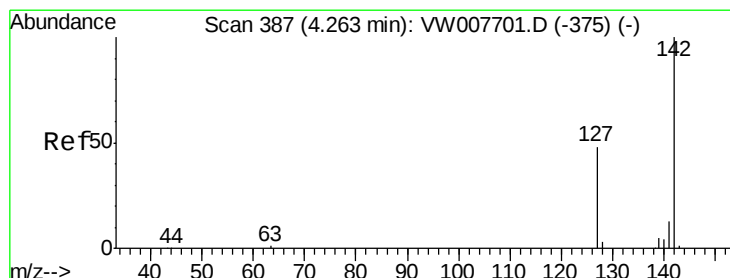
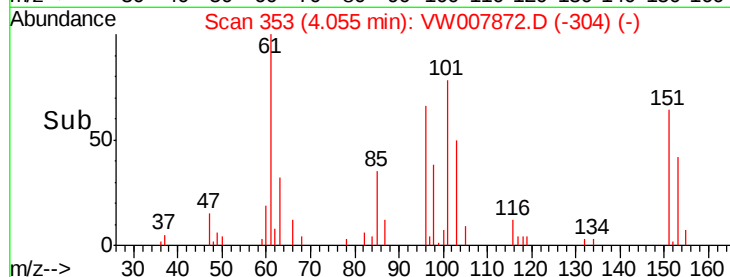
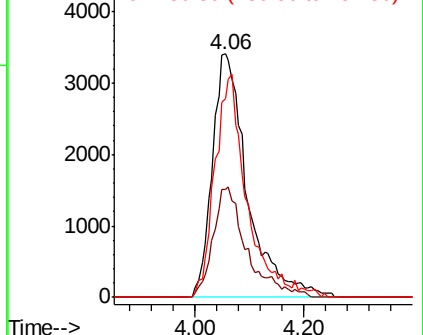
151 81.5 64.6 96.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.816 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

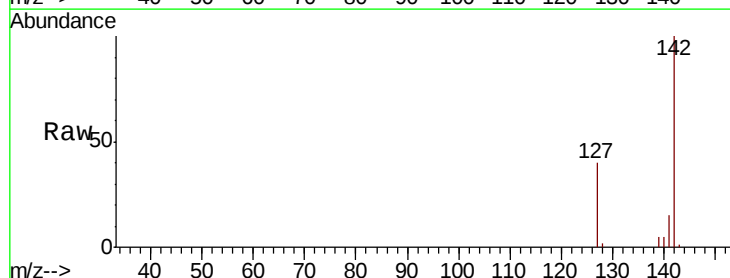
Tgt Ion:142 Resp: 25704

Ion Ratio Lower Upper

142 100

127 43.1 37.7 56.5

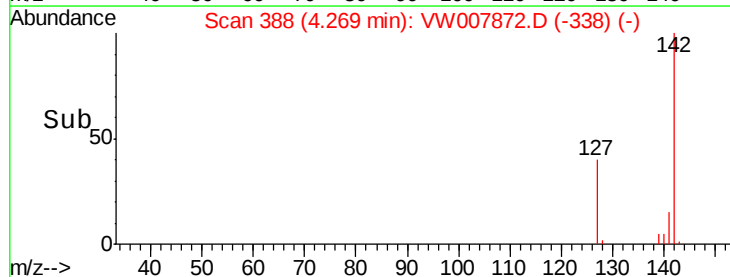
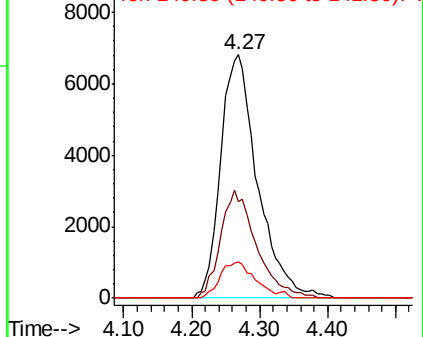
141 14.4 11.5 17.3

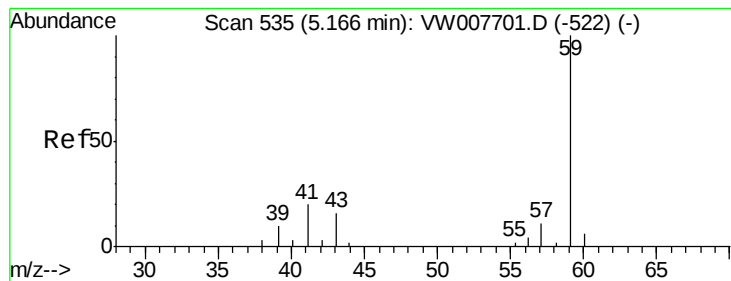


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



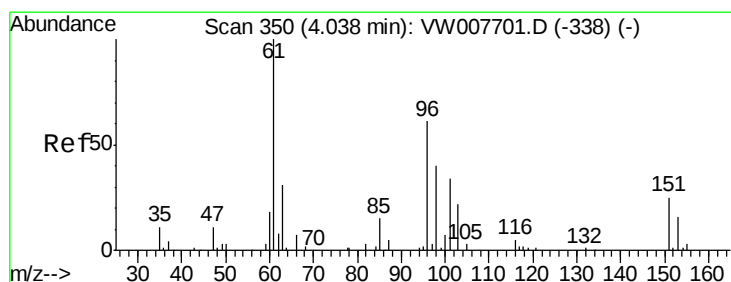
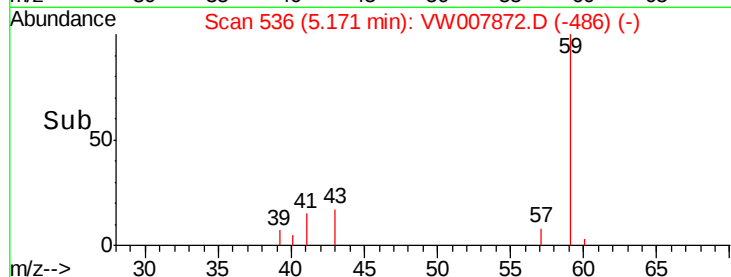
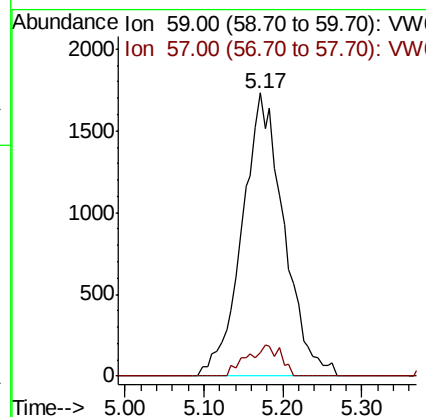
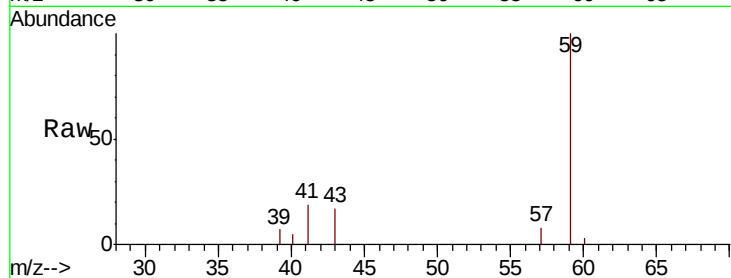


#11

Tert butyl alcohol
 Concen: 117.887 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBSD02

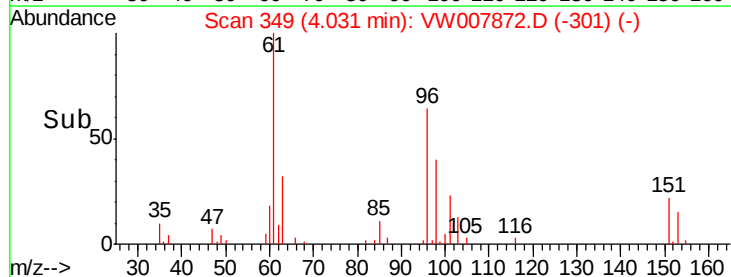
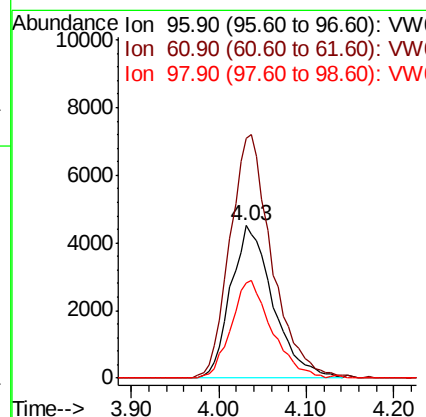
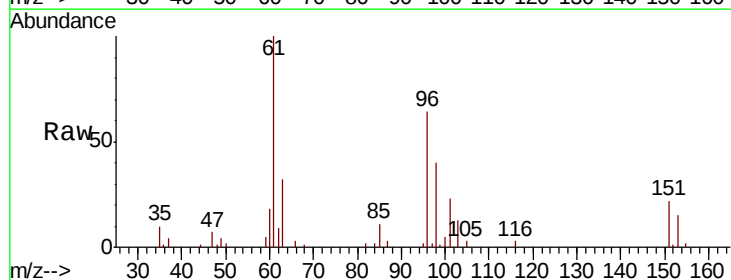
Tgt Ion: 59 Resp: 6352
 Ion Ratio Lower Upper
 59 100
 57 8.8 7.8 11.8

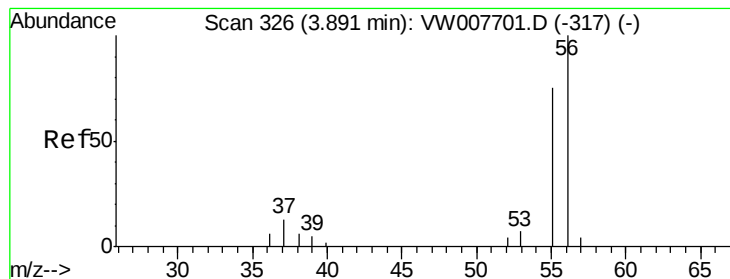


#12

1,1-Dichloroethene
 Concen: 21.062 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Tgt Ion: 96 Resp: 15144
 Ion Ratio Lower Upper
 96 100
 61 157.1 130.6 195.8
 98 62.6 52.3 78.5





#13

Acrolein

Concen: 83.608 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

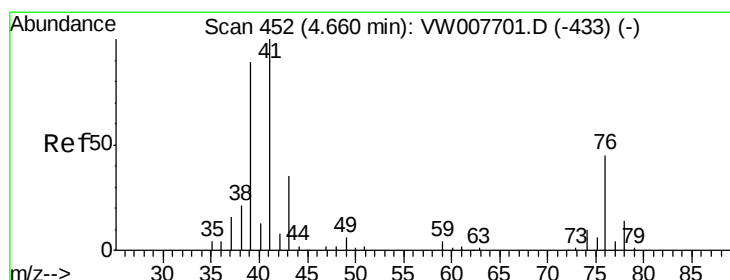
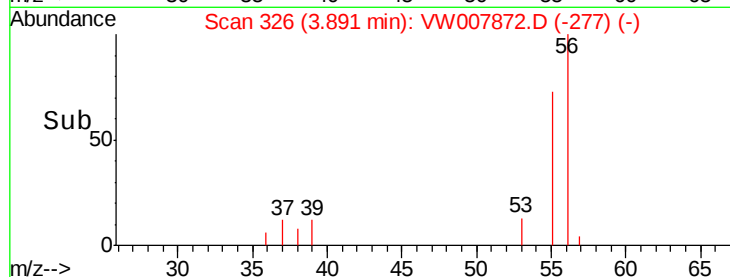
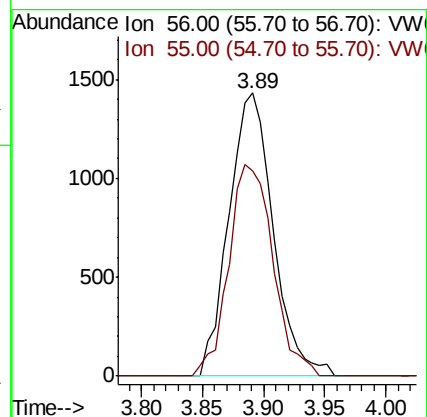
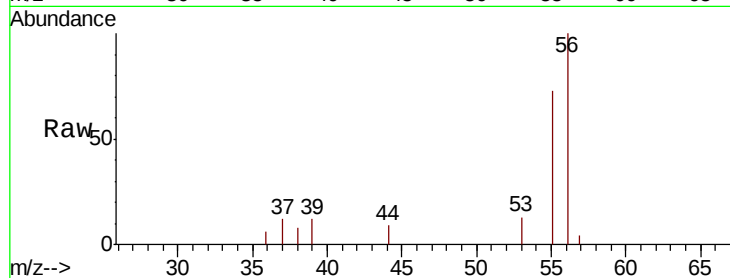
VW1224SBSD02

Tgt Ion: 56 Resp: 3602

Ion Ratio Lower Upper

56 100

55 74.5 57.7 86.5



#14

Allyl chloride

Concen: 23.631 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

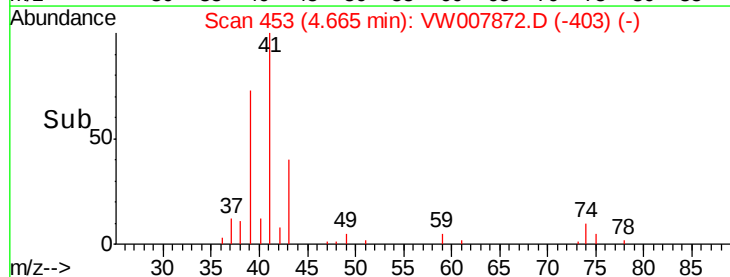
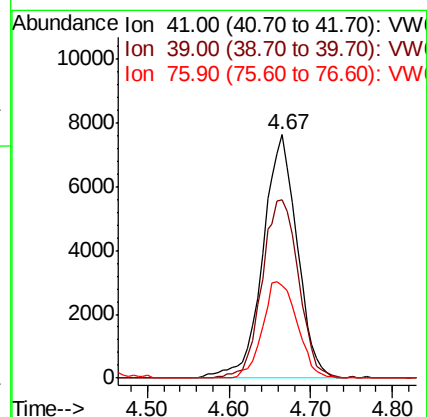
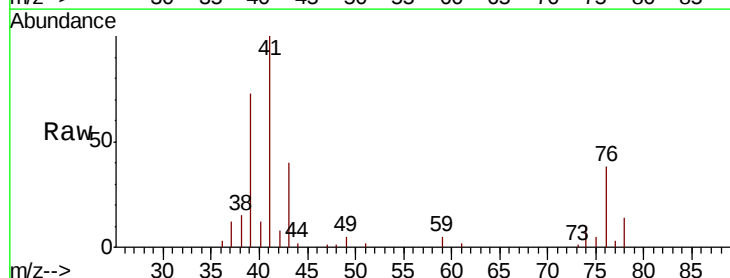
Tgt Ion: 41 Resp: 22281

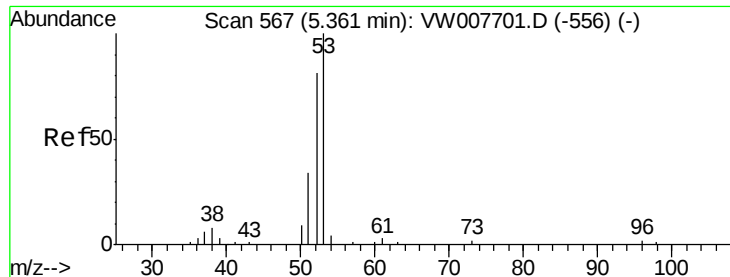
Ion Ratio Lower Upper

41 100

39 78.2 69.5 104.3

76 40.2 34.8 52.2





#15

Acrylonitrile

Concen: 118.663 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBSD02

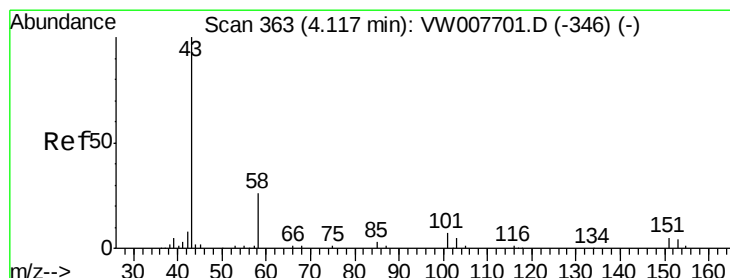
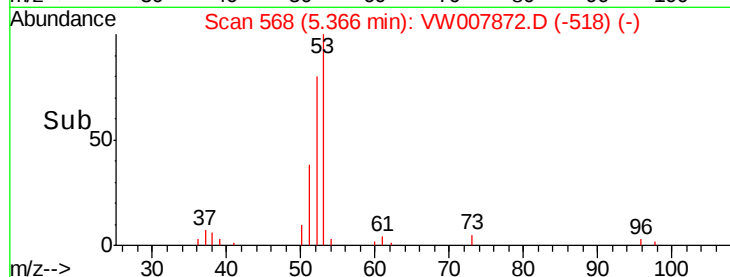
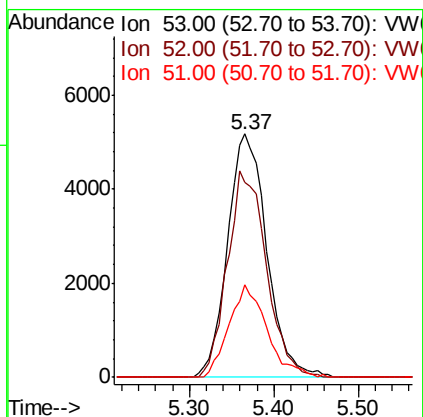
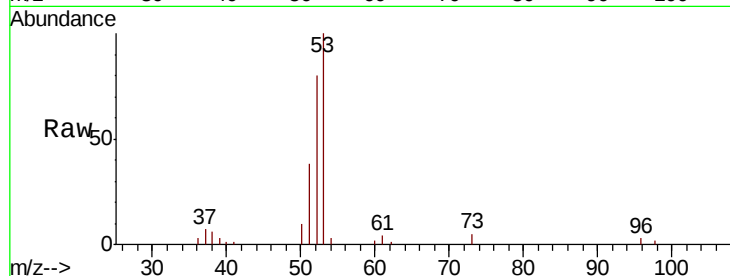
Tgt Ion: 53 Resp: 16346

Ion Ratio Lower Upper

53 100

52 84.1 67.0 100.4

51 36.8 30.2 45.2



#16

Acetone

Concen: 87.595 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007872.D

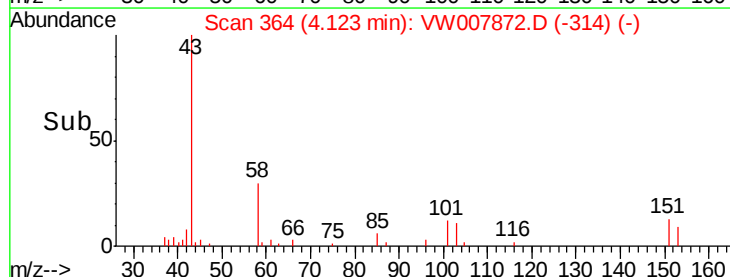
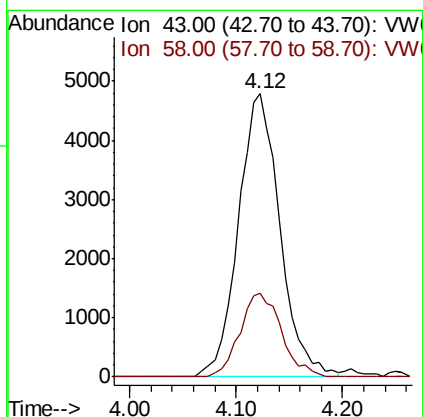
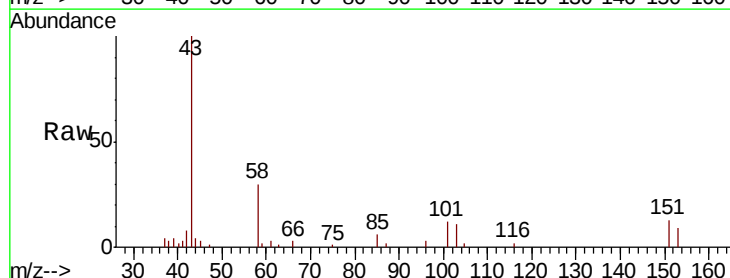
Acq: 23 Dec 2018 05:42

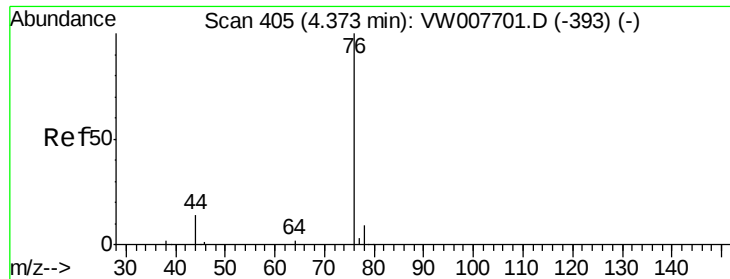
Tgt Ion: 43 Resp: 13102

Ion Ratio Lower Upper

43 100

58 29.6 21.2 31.8

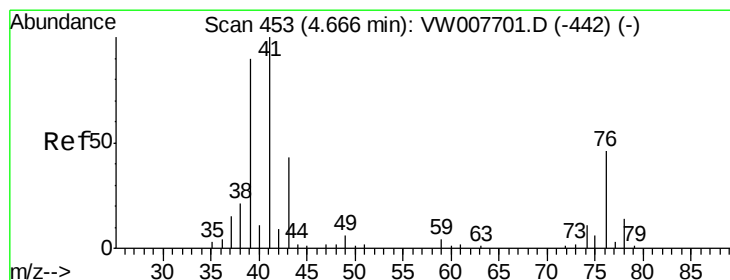
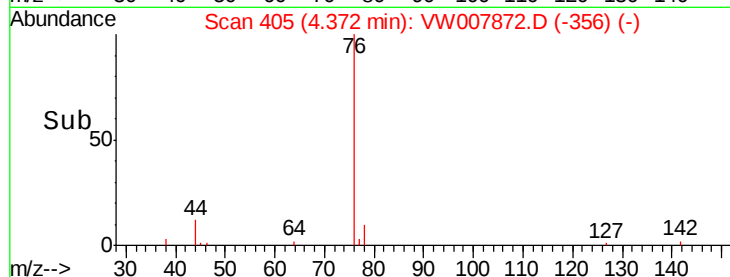
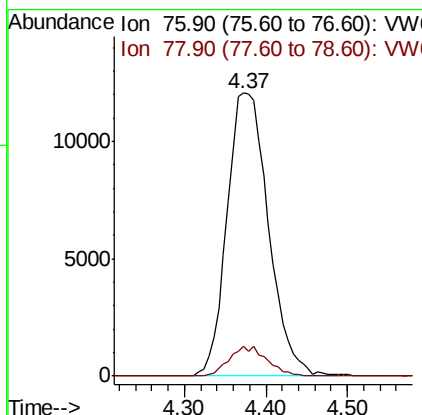
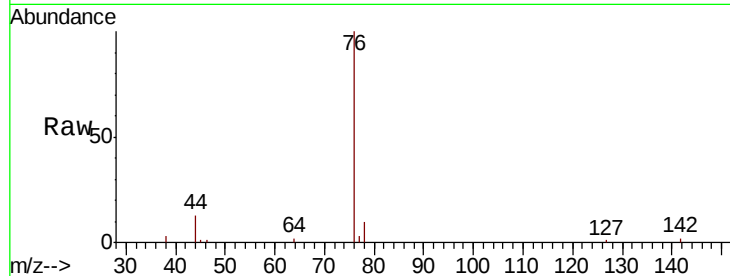




#17
Carbon Disulfide
Concen: 19.059 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

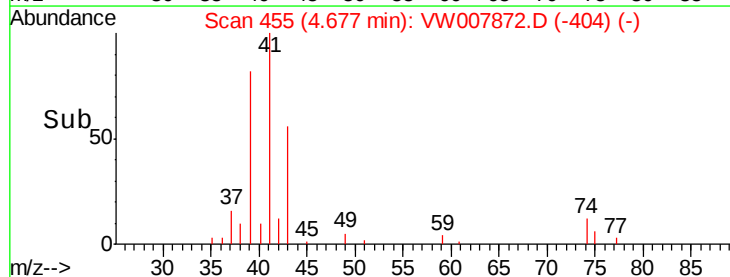
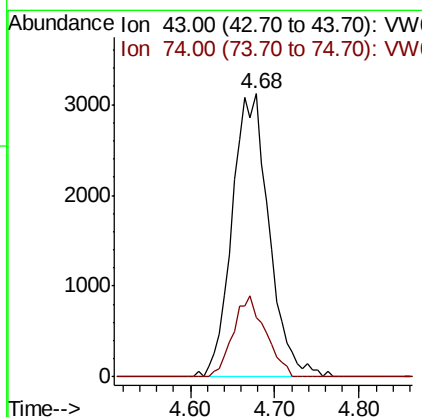
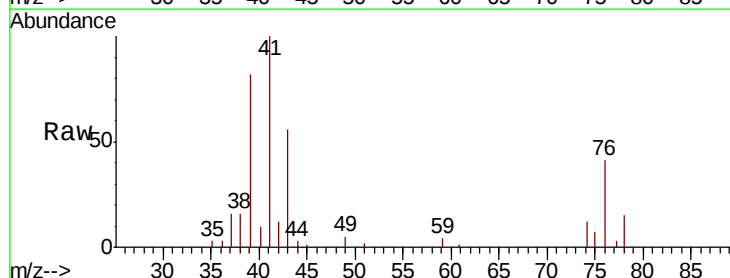
Instrument :
MSVOA_W
ClientSampleId :
VW1224SBSD02

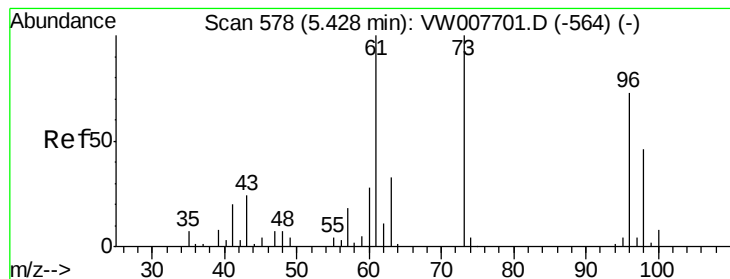
Tgt Ion: 76 Resp: 42407
Ion Ratio Lower Upper
76 100
78 10.5 7.3 10.9



#18
Methyl Acetate
Concen: 26.051 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Tgt Ion: 43 Resp: 9267
Ion Ratio Lower Upper
43 100
74 24.8 22.7 34.1





#19

Methyl tert-butyl Ether

Concen: 25.061 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.00 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

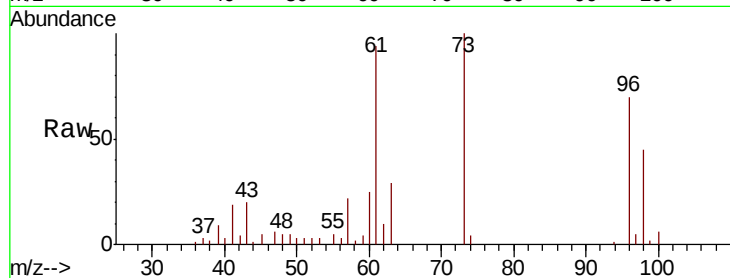
VW1224SBSD02

Tgt Ion: 73 Resp: 25869

Ion Ratio Lower Upper

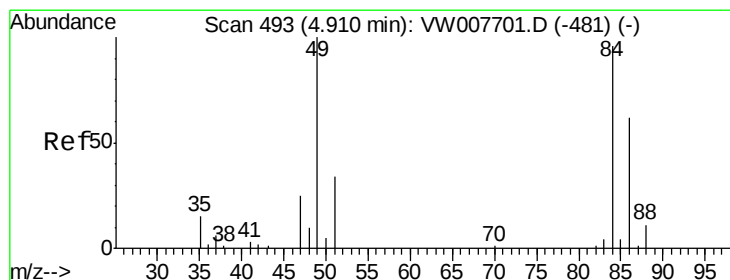
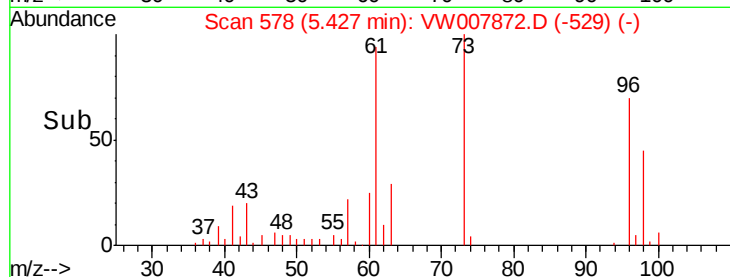
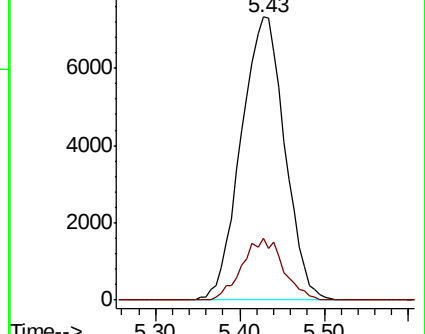
73 100

57 21.7 14.7 22.1



Abundance Ion 73.00 (72.70 to 73.70): VW

Ion 57.00 (56.70 to 57.70): VW



#20

Methylene Chloride

Concen: 20.656 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.00 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Tgt Ion: 84 Resp: 18219

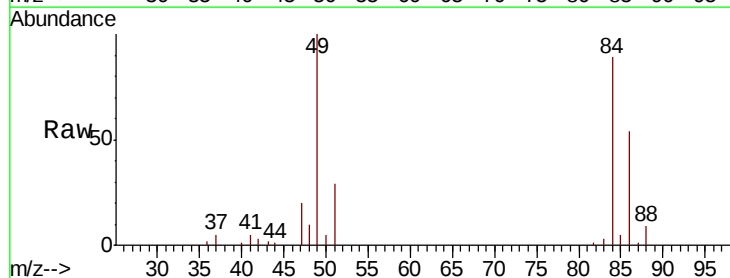
Ion Ratio Lower Upper

84 100

49 112.3 83.7 125.5

51 32.6 28.2 42.2

86 60.3 52.2 78.2

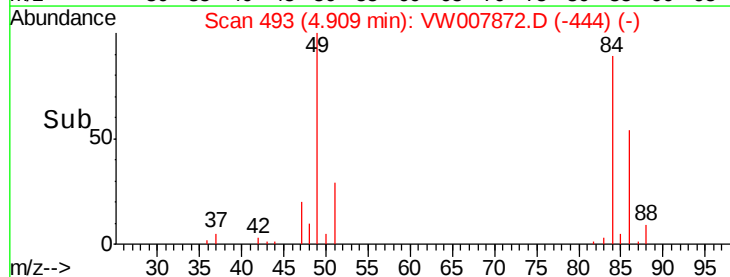
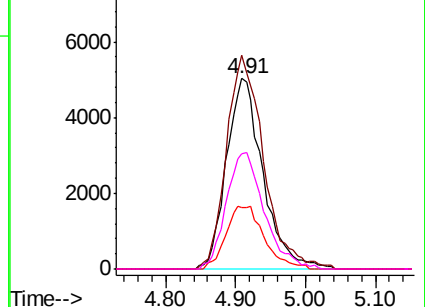


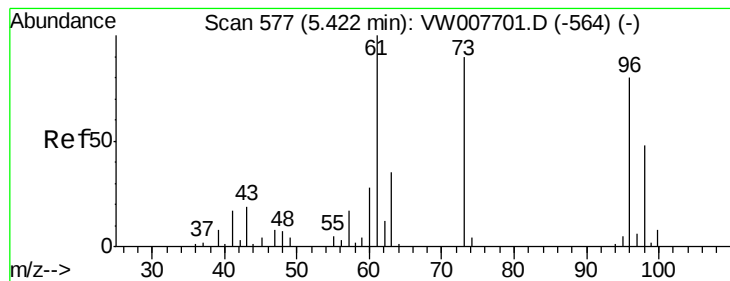
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#21

trans-1,2-Dichloroethene

Concen: 20.849 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBSD02

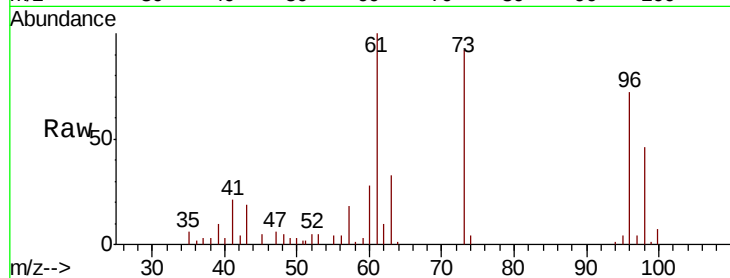
Tgt Ion: 96 Resp: 16487

Ion Ratio Lower Upper

96 100

61 137.9 100.1 150.1

98 63.5 48.5 72.7

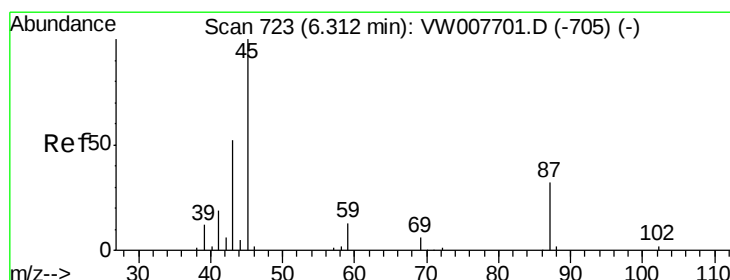
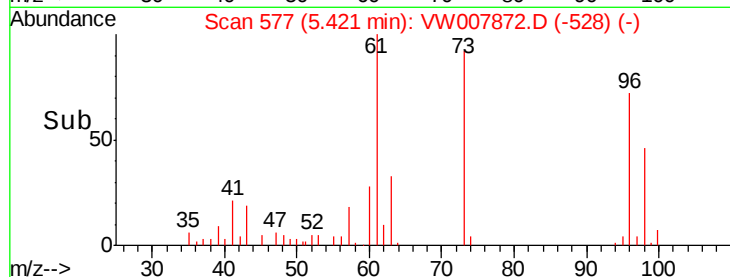
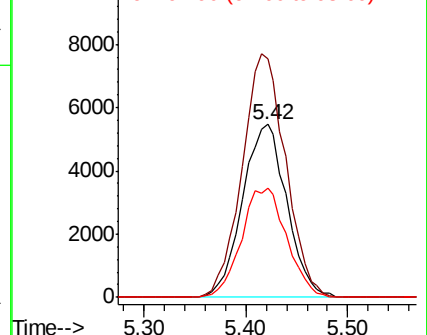


Abundance

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: 24.867 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Tgt Ion: 45 Resp: 43903

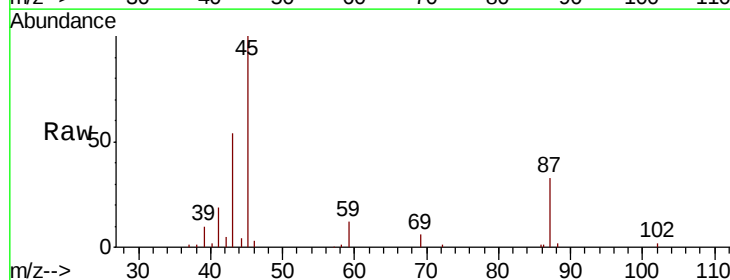
Ion Ratio Lower Upper

45 100

43 53.1 43.7 65.5

87 32.9 26.6 40.0

59 11.8 10.2 15.2



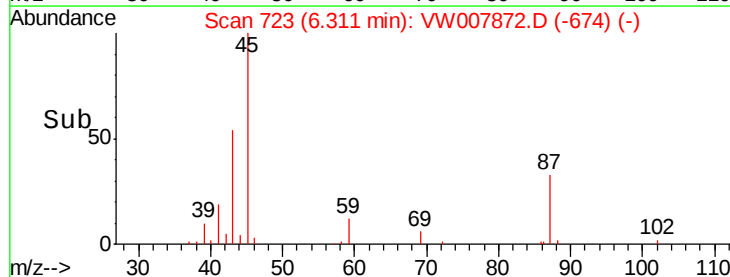
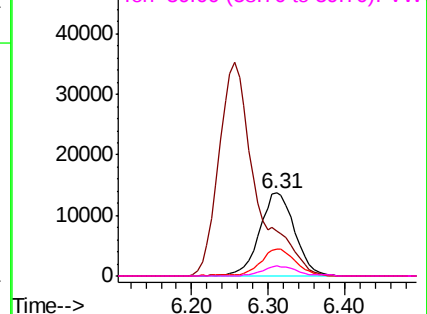
Abundance

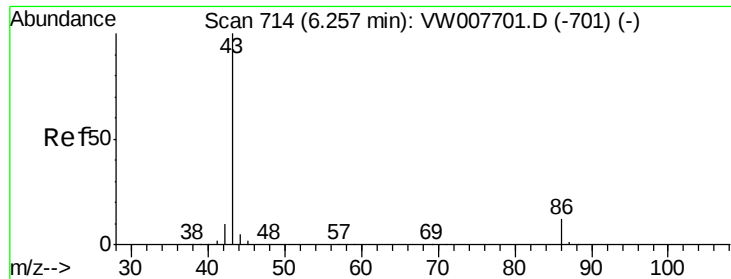
Ion 45.00 (44.70 to 45.70): VW

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: 113.213 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

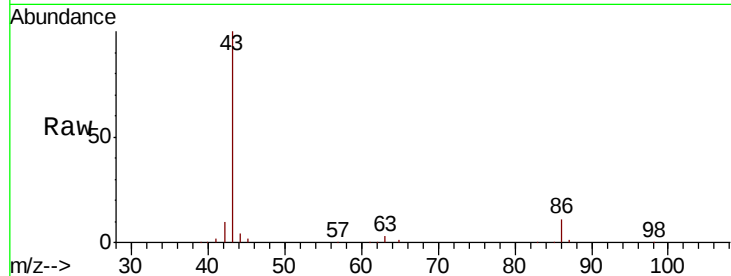
VW1224SBSD02

Tgt Ion: 43 Resp: 118754

Ion Ratio Lower Upper

43 100

86 11.1 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

40000

30000

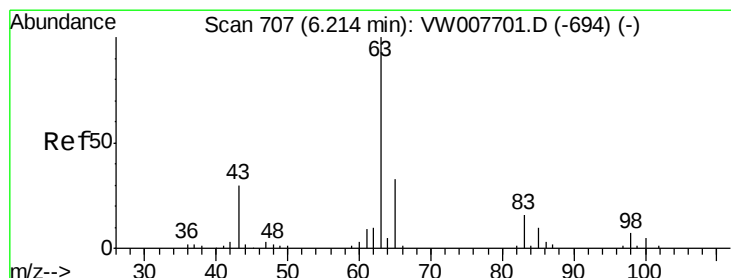
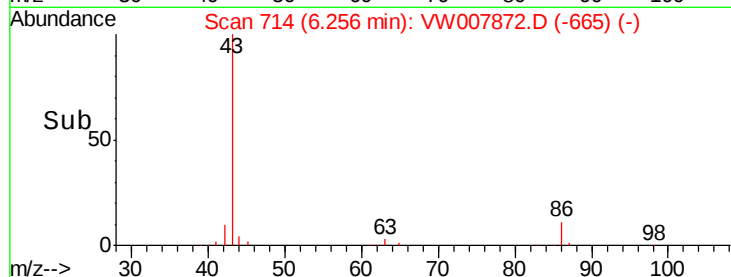
20000

10000

0

6.10 6.20 6.30 6.40

Time-->



#24

1,1-Dichloroethane

Concen: 22.169 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

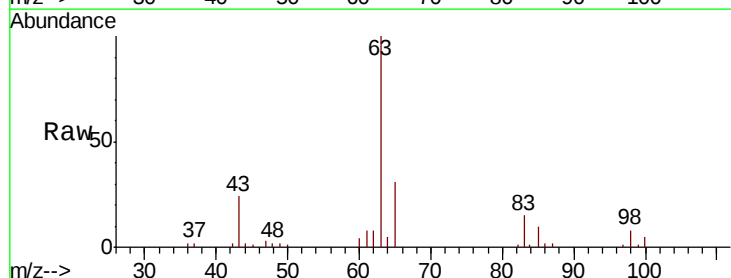
Tgt Ion: 63 Resp: 28793

Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.9

100 5.0 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

12000

10000

8000

6000

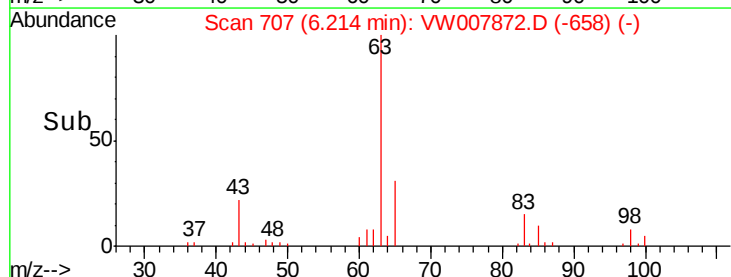
4000

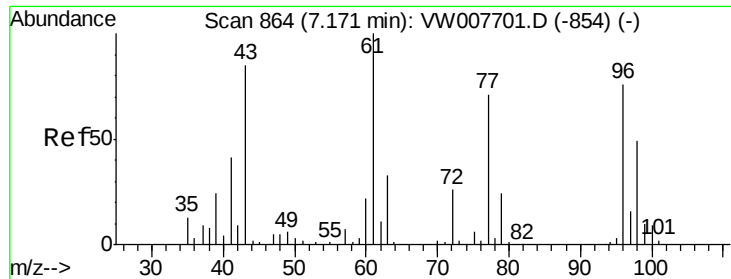
2000

0

6.10 6.20 6.30

Time-->





#25

2-Butanone

Concen: 112.315 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

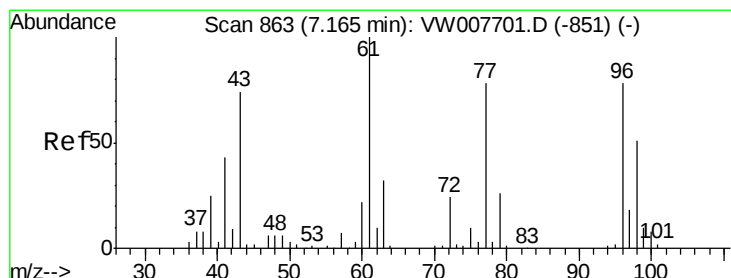
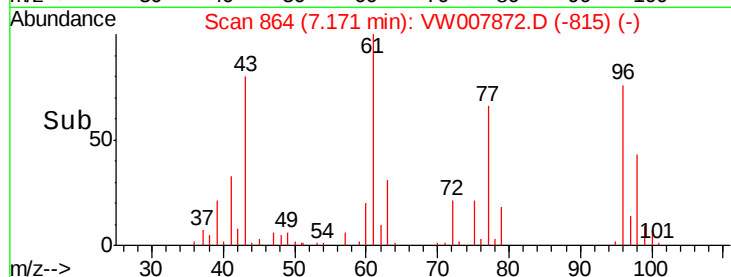
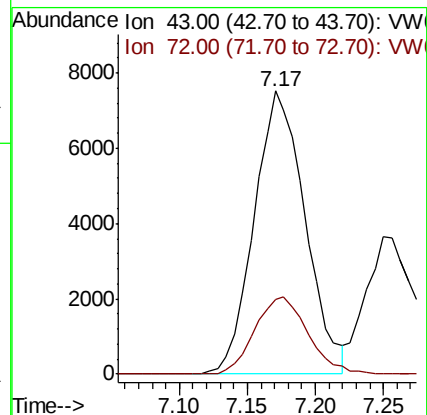
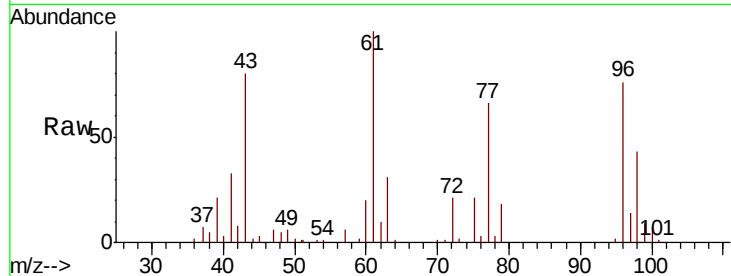
VW1224SBSD02

Tgt Ion: 43 Resp: 19677

Ion Ratio Lower Upper

43 100

72 26.2 24.5 36.7



#26

2,2-Dichloropropane

Concen: 18.867 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW007872.D

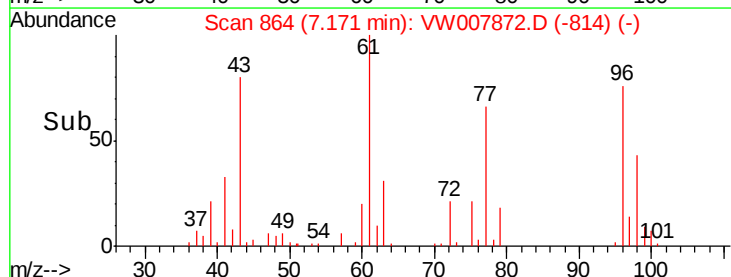
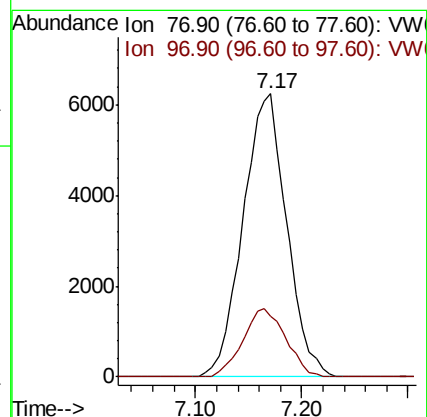
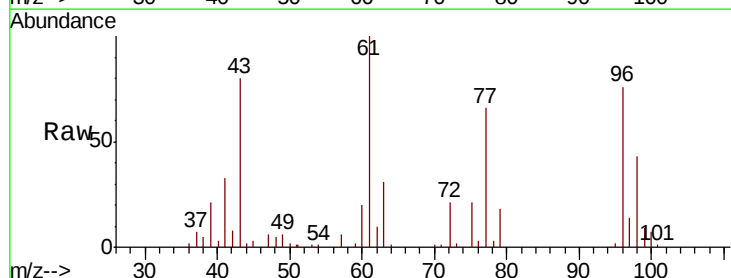
Acq: 23 Dec 2018 05:42

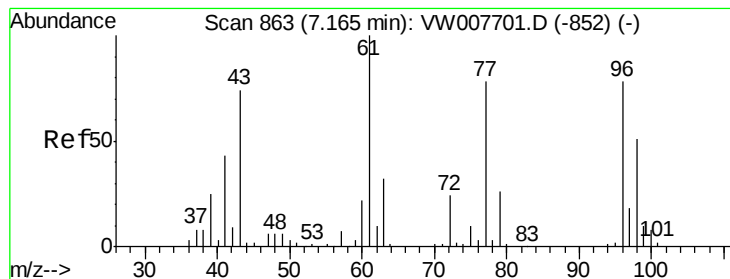
Tgt Ion: 77 Resp: 17932

Ion Ratio Lower Upper

77 100

97 23.7 11.3 33.9



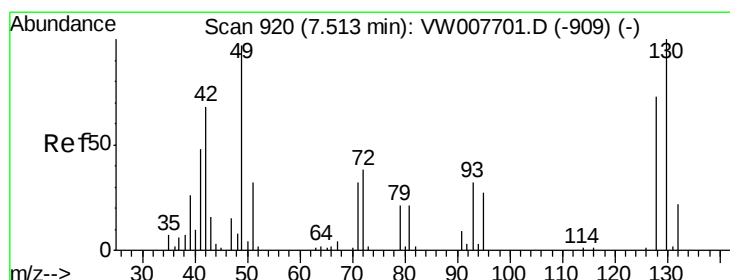
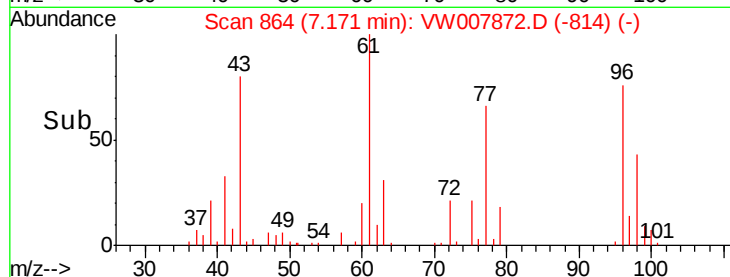
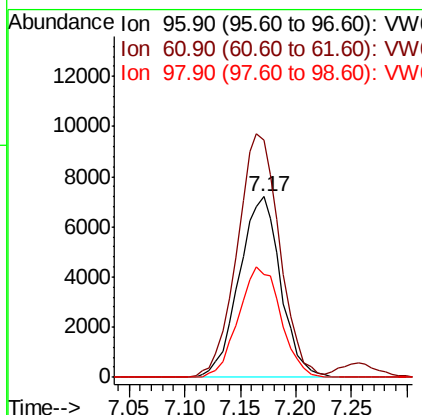
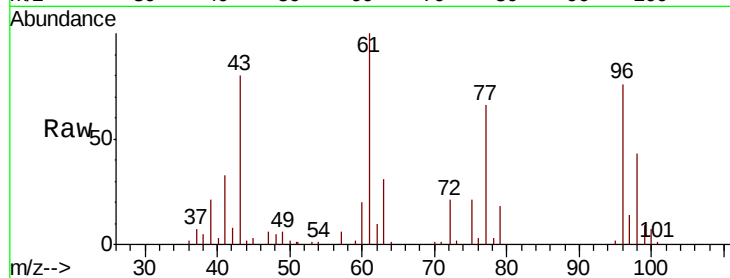


#27

cis-1,2-Dichloroethene
 Concen: 22.139 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBS02

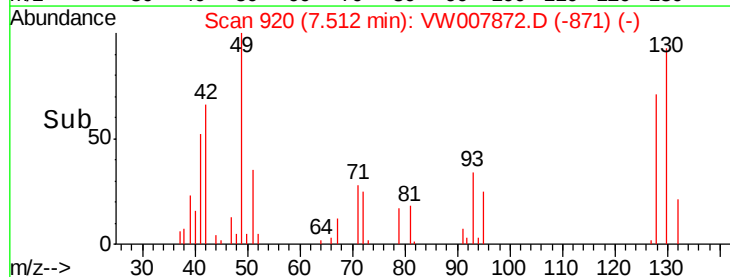
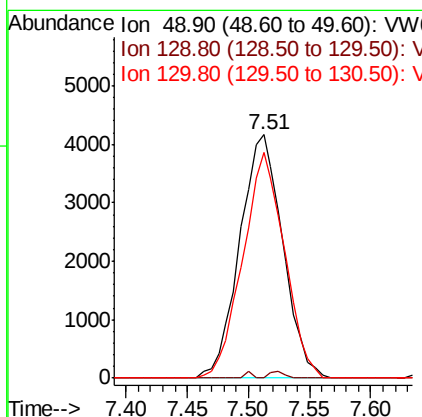
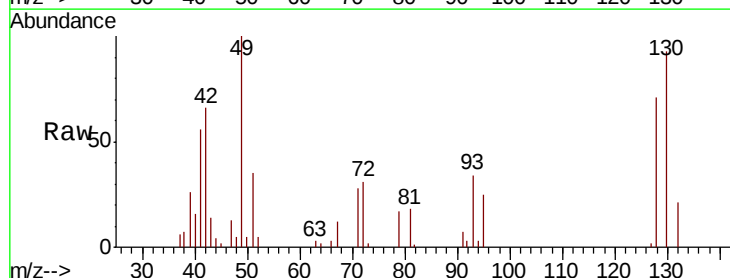
Tgt Ion: 96 Resp: 18652
 Ion Ratio Lower Upper
 96 100
 61 137.6 0.0 271.6
 98 62.3 0.0 131.2

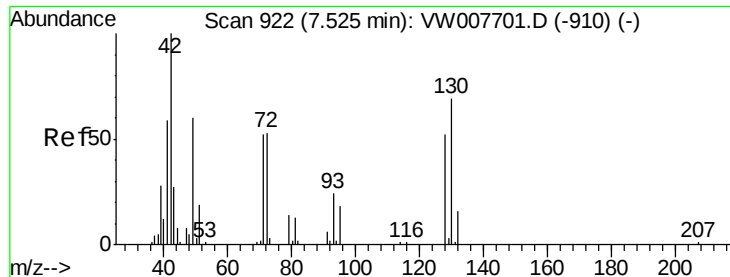


#28

Bromochloromethane
 Concen: 23.004 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Tgt Ion: 49 Resp: 10187
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 2.2
 130 89.7 81.5 122.3





#29

Tetrahydrofuran

Concen: 127.912 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.01 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBSD02

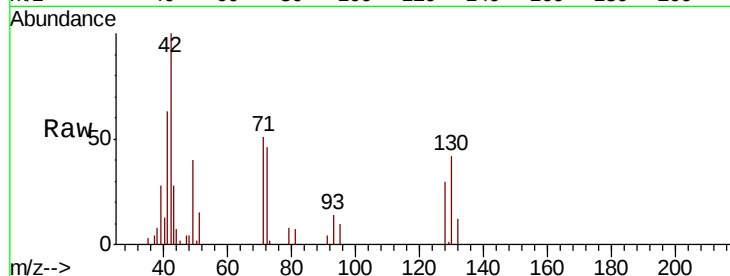
Tgt Ion: 42 Resp: 13367

Ion Ratio Lower Upper

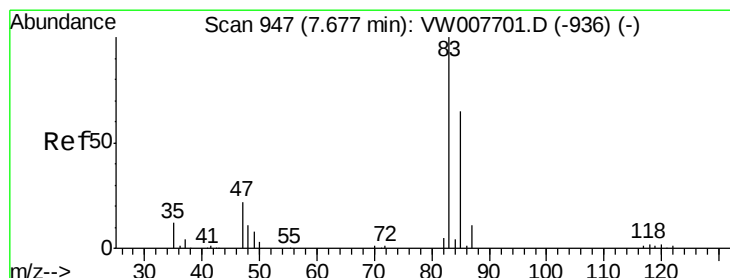
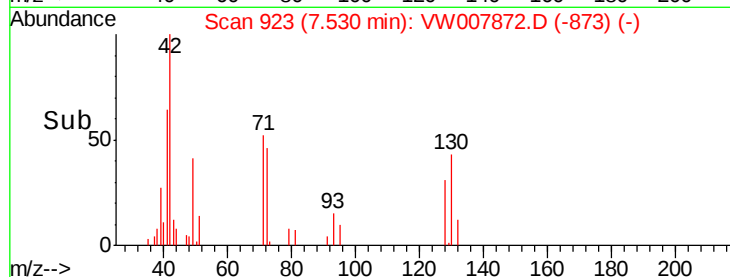
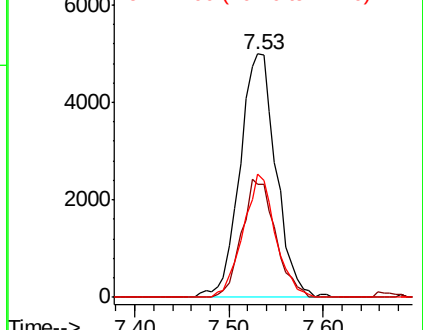
42 100

72 45.0 41.7 62.5

71 45.4 39.0 58.6



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: 21.092 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.01 min

Lab File: VW007872.D

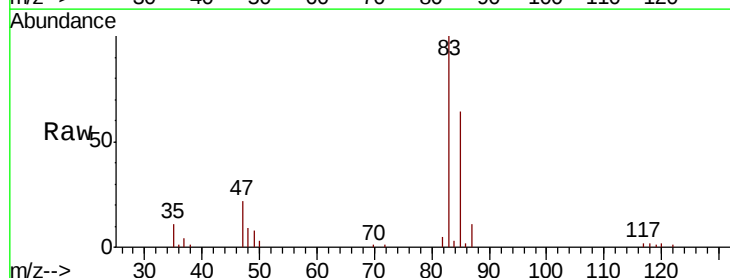
Acq: 23 Dec 2018 05:42

Tgt Ion: 83 Resp: 31002

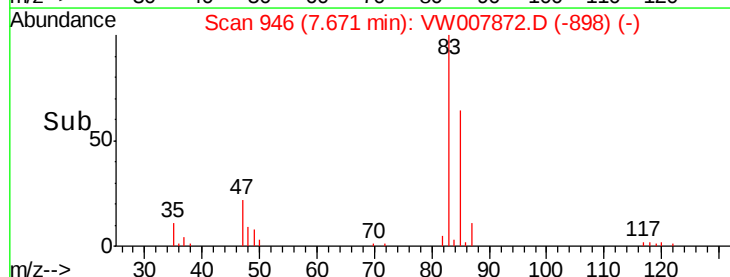
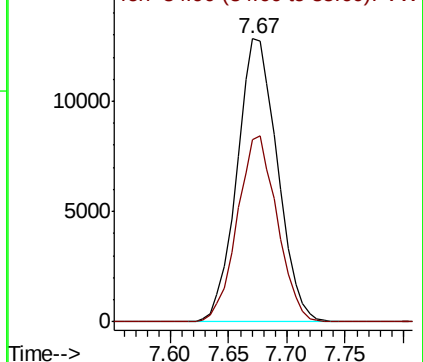
Ion Ratio Lower Upper

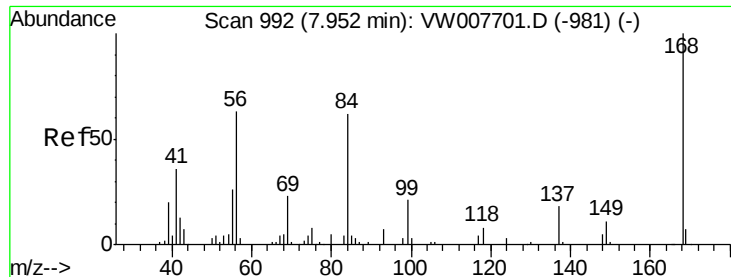
83 100

85 64.4 52.2 78.2



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

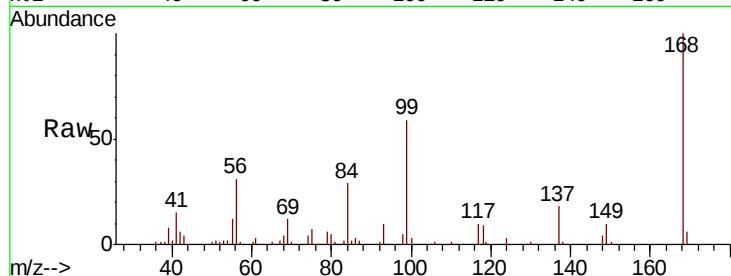




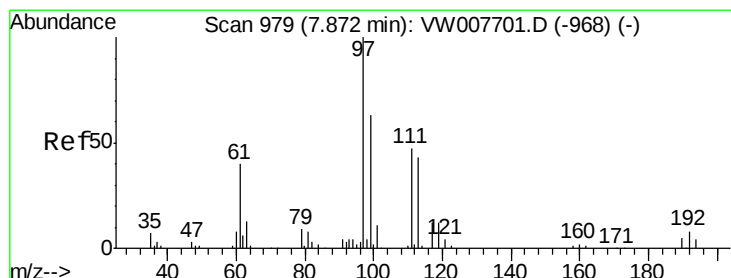
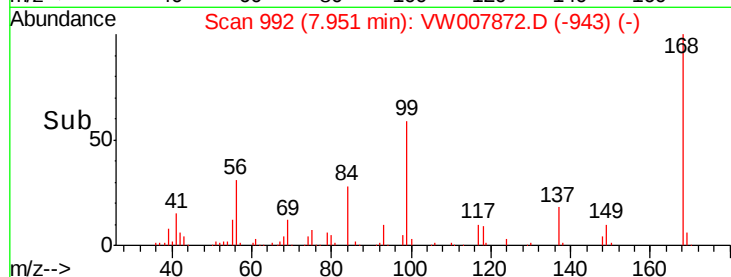
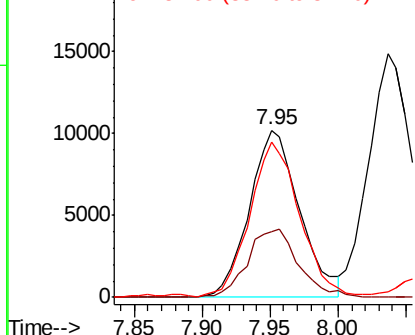
#31
Cyclohexane
Concen: 22.206 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBSD02

Tgt Ion: 56 Resp: 26404
Ion Ratio Lower Upper
56 100
69 39.1 29.7 44.5
84 92.2 78.9 118.3

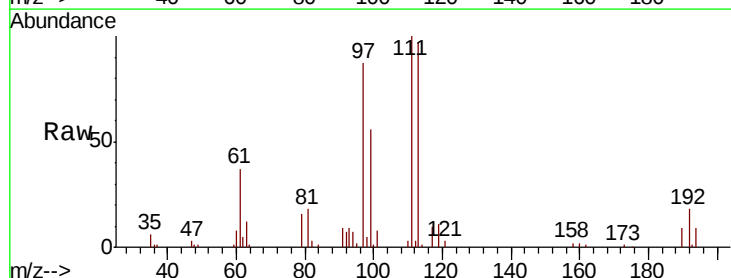


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

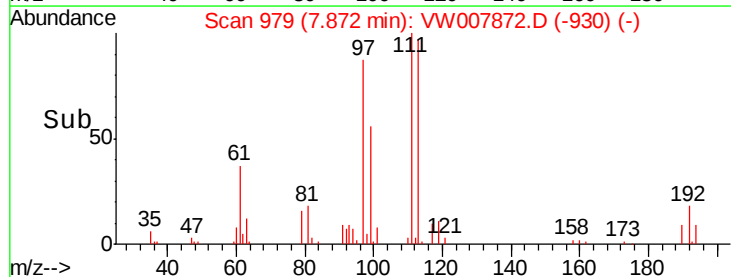
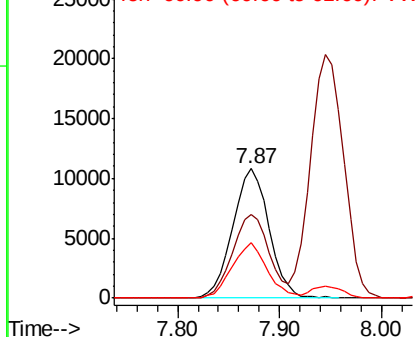


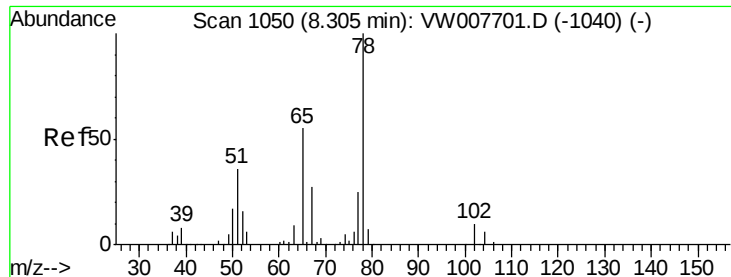
#32
1,1,1-Trichloroethane
Concen: 19.950 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Tgt Ion: 97 Resp: 26707
Ion Ratio Lower Upper
97 100
99 65.5 50.6 76.0
61 41.4 32.3 48.5



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

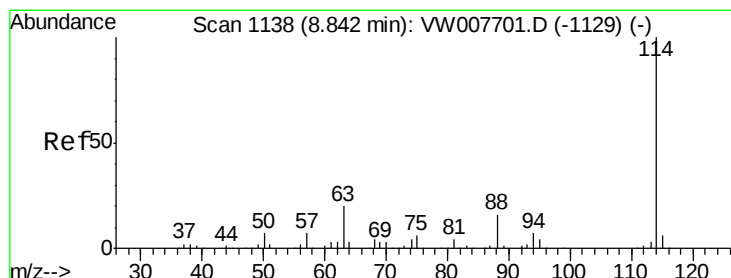
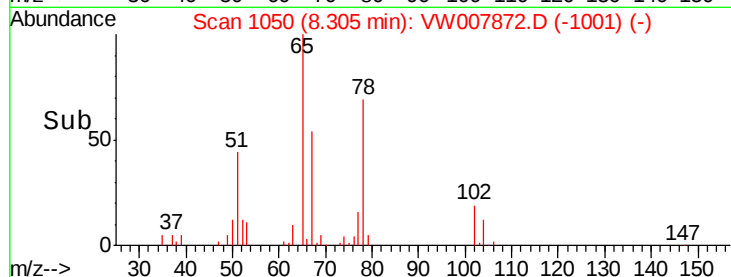
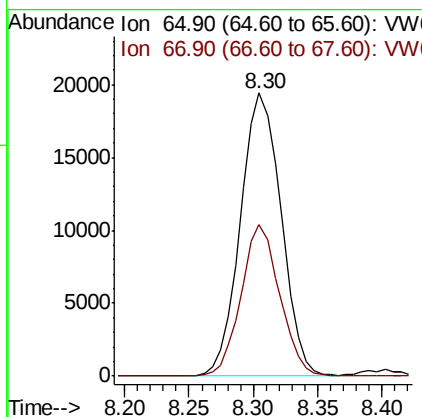
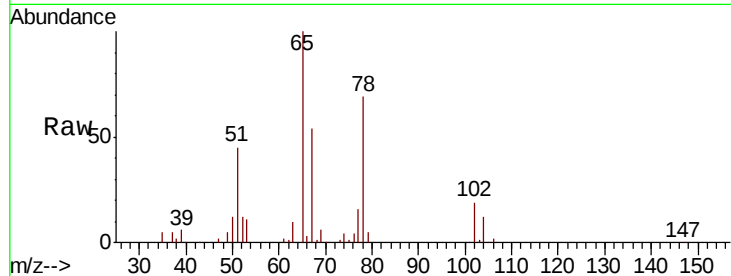




#33
 1,2-Dichloroethane-d4
 Concen: 53.317 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

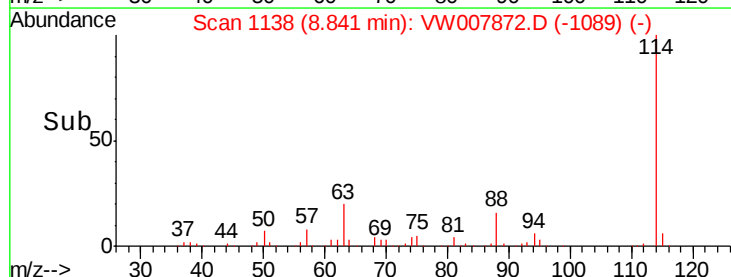
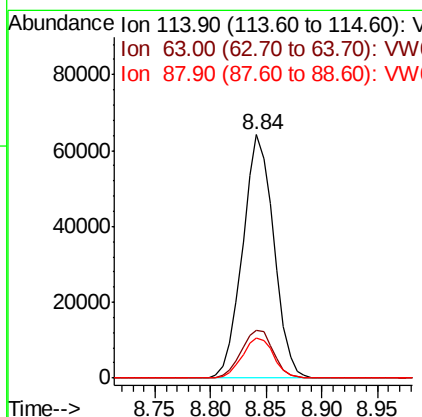
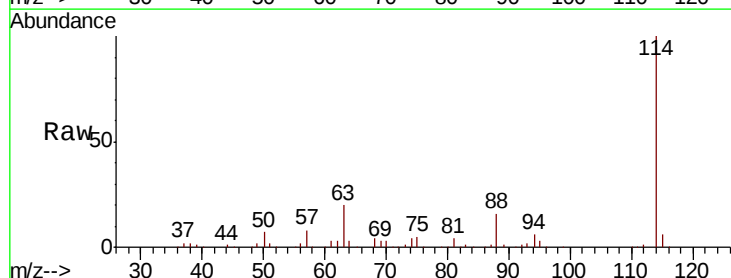
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBSD02

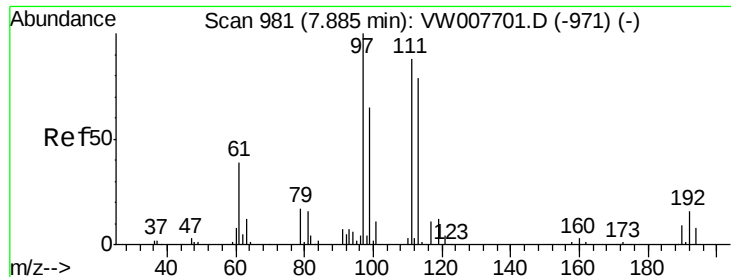
Tgt Ion: 65 Resp: 42587
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Tgt Ion: 114 Resp: 124956
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.0
 88 16.2 0.0 32.6

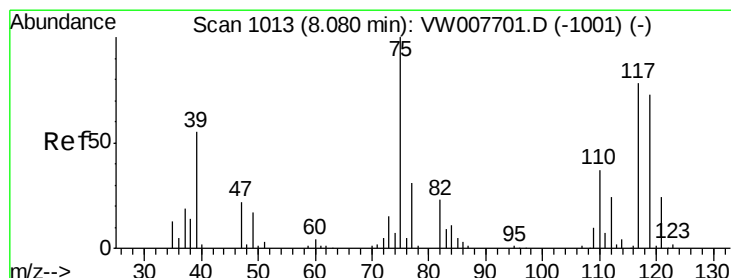
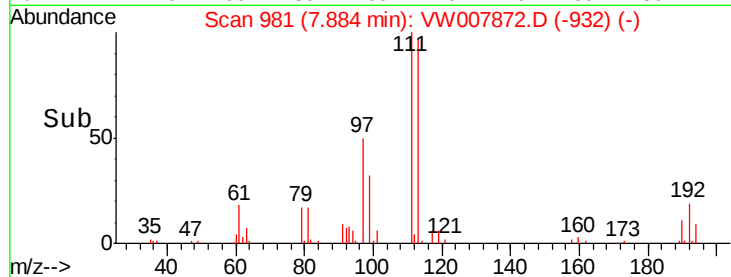
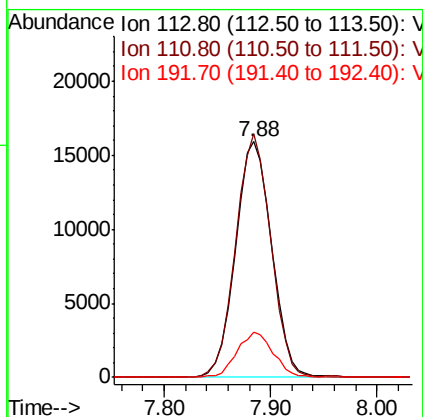
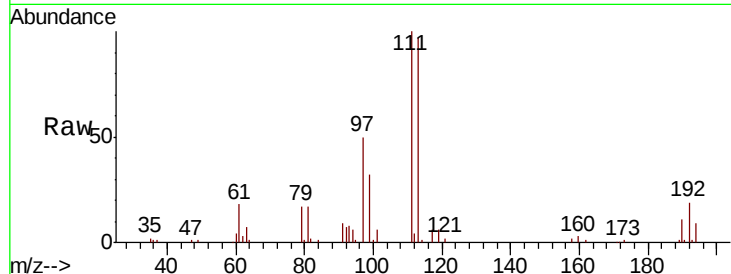




#35
 Dibromofluoromethane
 Concen: 49.781 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

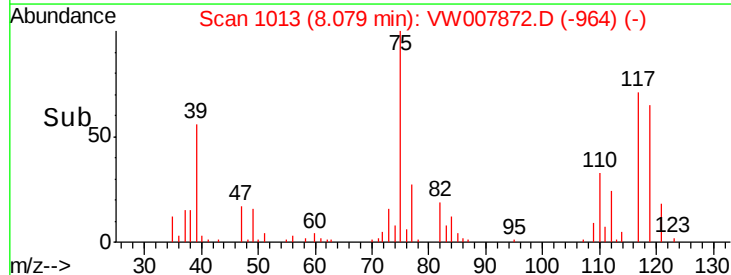
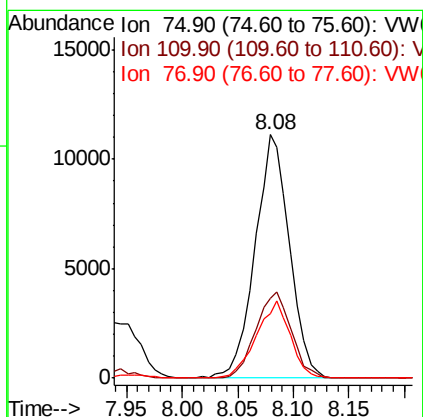
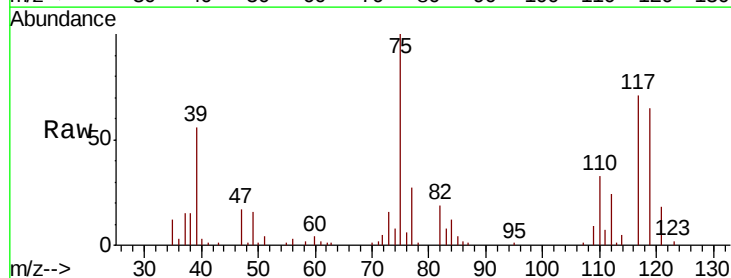
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBSD02

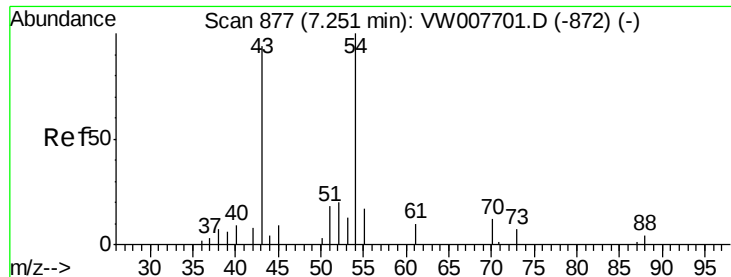
Tgt Ion: 113 Resp: 37948
 Ion Ratio Lower Upper
 113 100
 111 100.4 82.6 124.0
 192 19.0 15.5 23.3



#36
 1,1-Dichloropropene
 Concen: 19.842 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Tgt Ion: 75 Resp: 23931
 Ion Ratio Lower Upper
 75 100
 110 36.2 18.6 55.8
 77 31.2 25.0 37.4

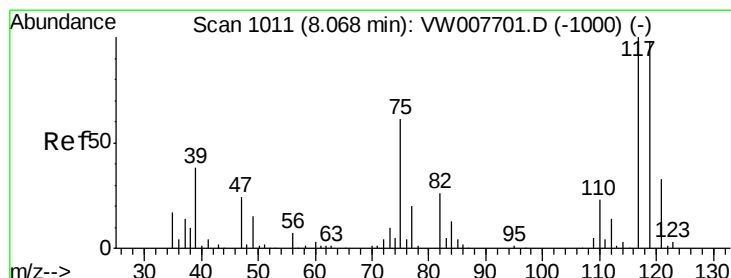
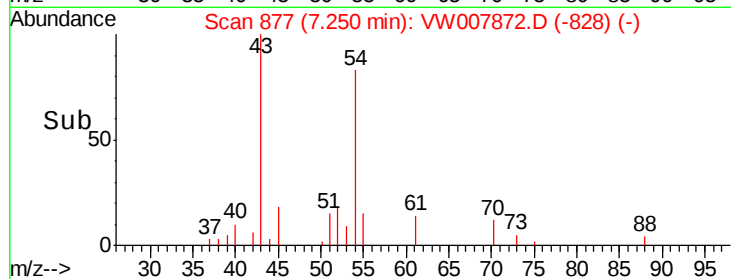
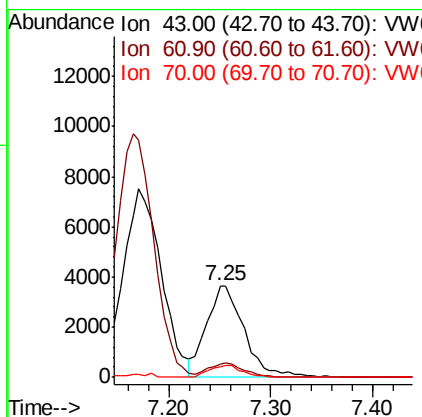
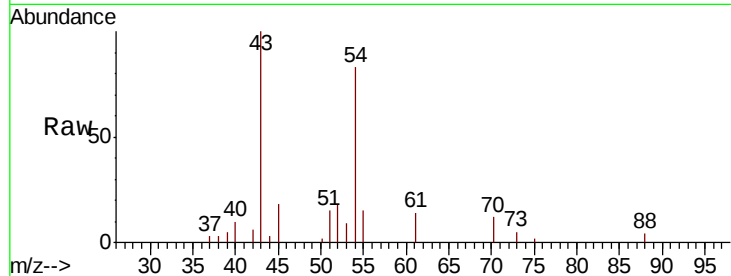




#37
 Ethyl Acetate
 Concen: 22.663 ug/l
 RT: 7.25 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

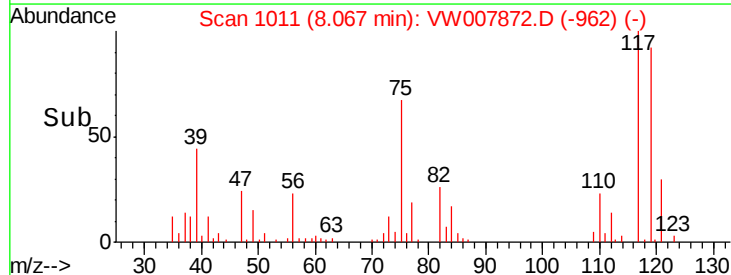
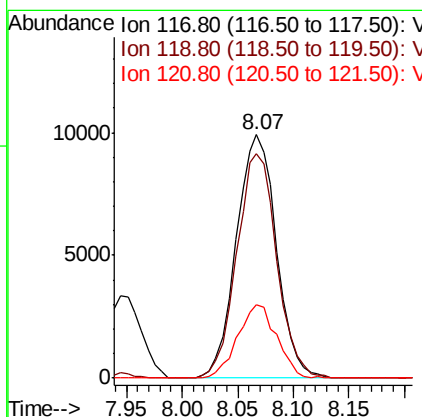
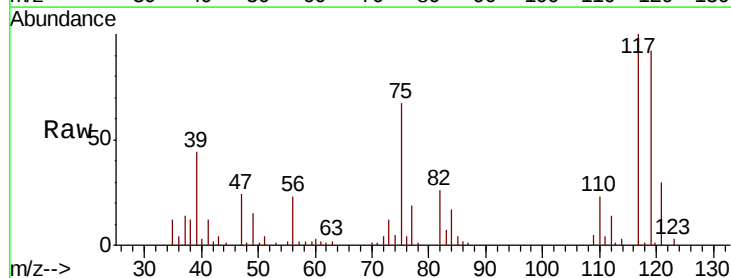
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBSD02

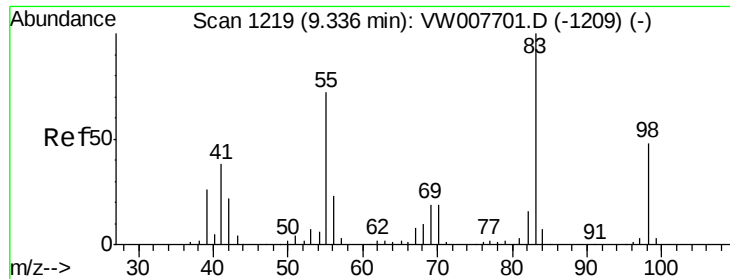
Tgt Ion: 43 Resp: 9433
 Ion Ratio Lower Upper
 43 100
 61 14.7 11.2 16.8
 70 11.2 9.3 13.9



#38
 Carbon Tetrachloride
 Concen: 17.394 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Tgt Ion: 117 Resp: 24705
 Ion Ratio Lower Upper
 117 100
 119 92.3 78.2 117.2
 121 30.0 26.1 39.1

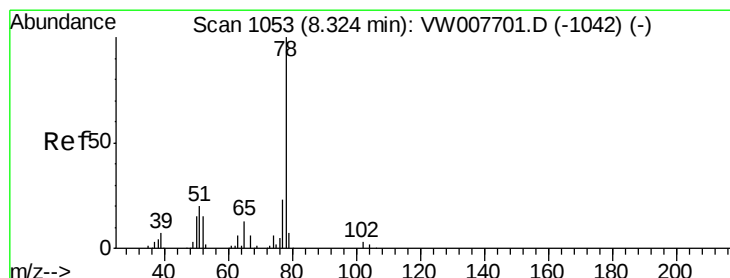
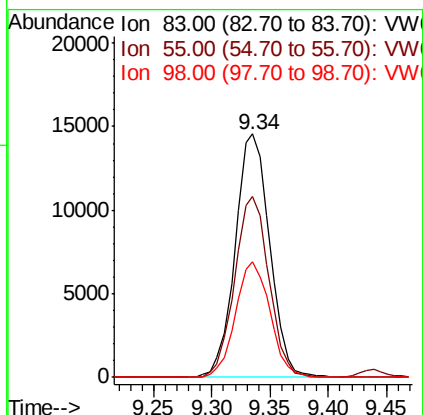
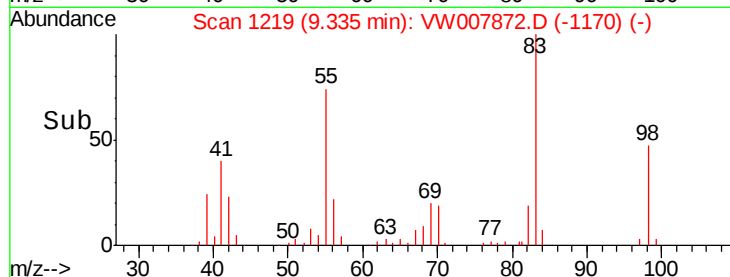
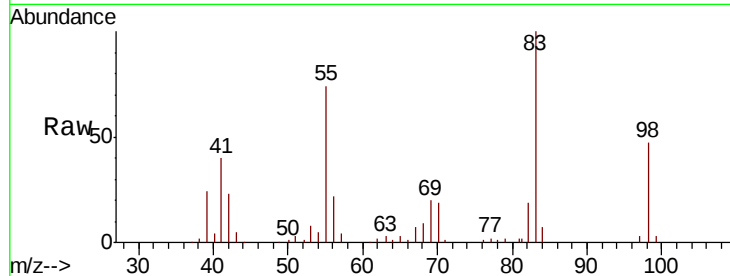




#39
Methylcyclohexane
Concen: 20.073 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

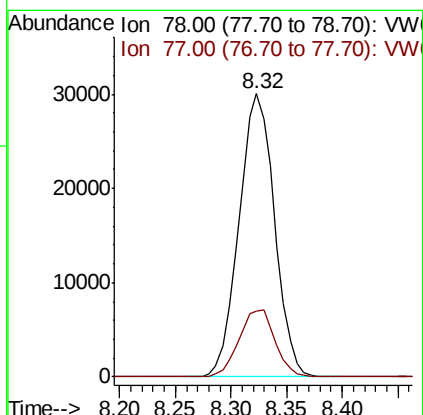
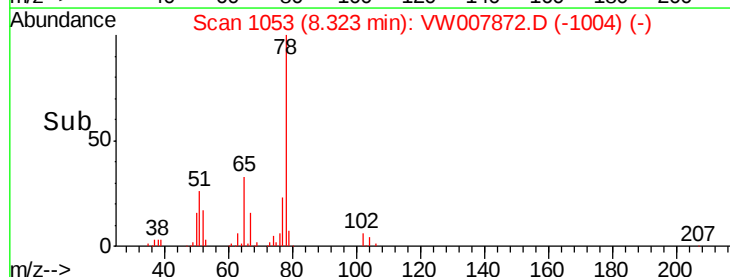
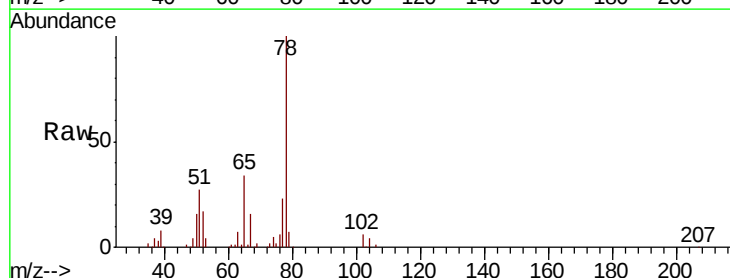
Instrument :
MSVOA_W
ClientSampleId :
VW1224SBSD02

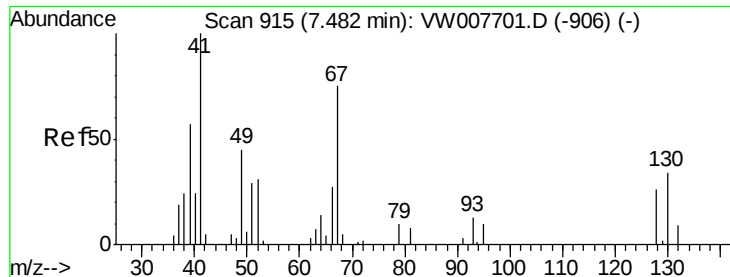
Tgt Ion: 83 Resp: 30082
Ion Ratio Lower Upper
83 100
55 74.3 57.2 85.8
98 47.3 38.6 58.0



#40
Benzene
Concen: 20.671 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Tgt Ion: 78 Resp: 66525
Ion Ratio Lower Upper
78 100
77 23.2 18.7 28.1

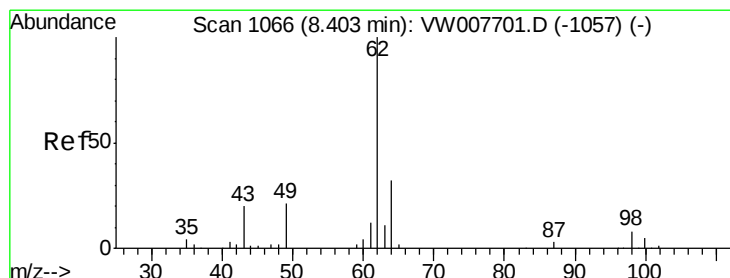
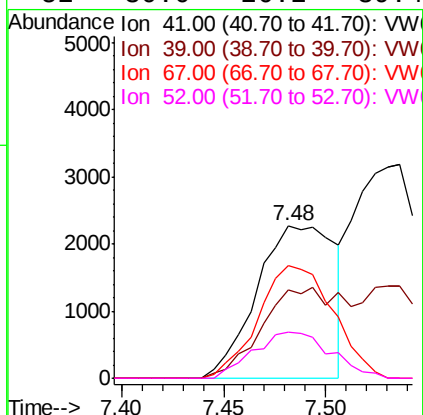
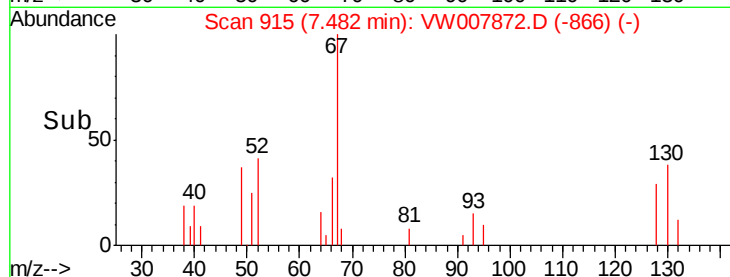
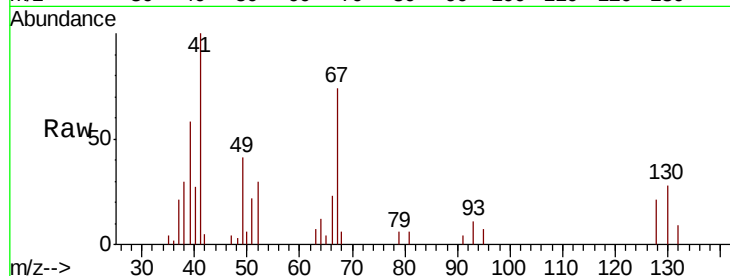




#41
Methacrylonitrile
Concen: 25.669 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

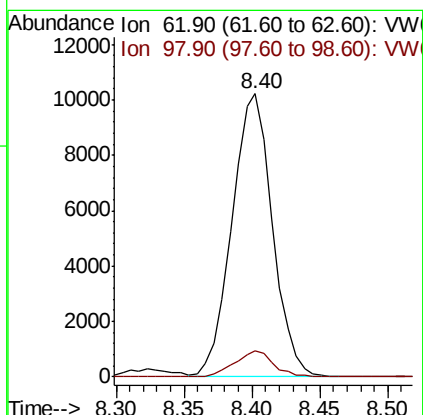
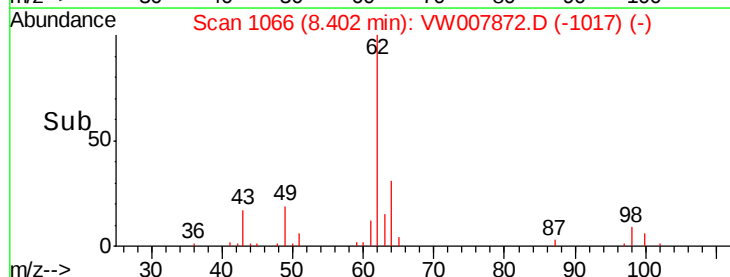
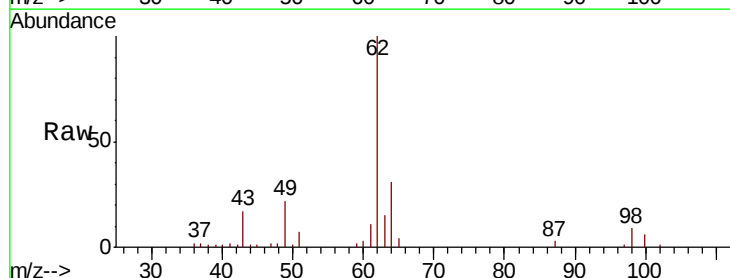
Instrument :
MSVOA_W
ClientSampleId :
VW1224SBSD02

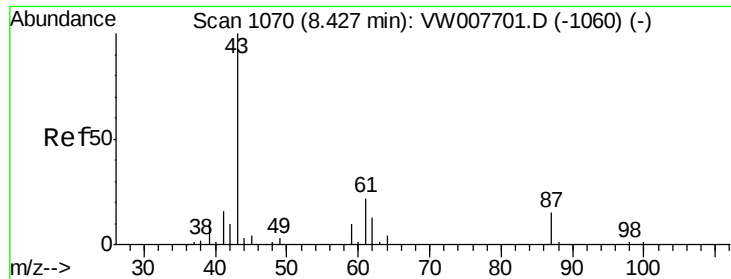
Tgt Ion: 41 Resp: 6066
Ion Ratio Lower Upper
41 100
39 62.1 54.2 81.4
67 70.4 65.7 98.5
52 30.0 26.2 39.4



#42
1,2-Dichloroethane
Concen: 19.657 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Tgt Ion: 62 Resp: 21201
Ion Ratio Lower Upper
62 100
98 8.7 0.0 16.6





#43

Isopropyl Acetate

Concen: 22.381 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBSD02

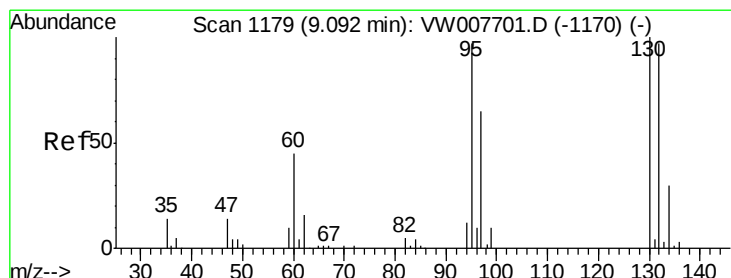
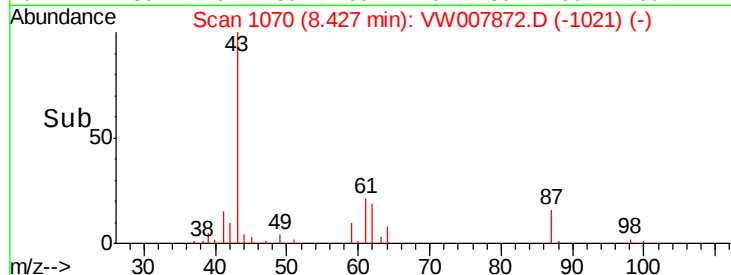
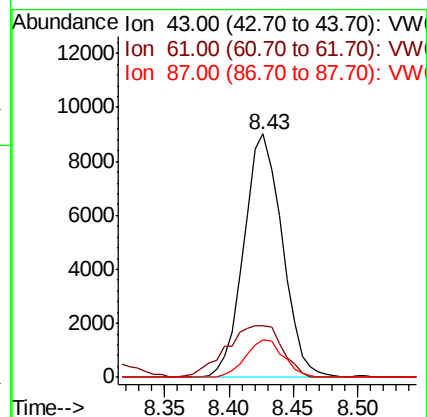
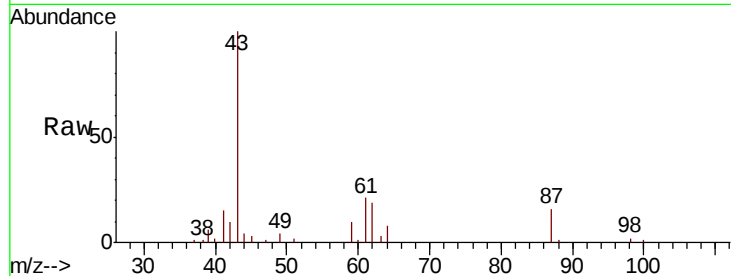
Tgt Ion: 43 Resp: 18663

Ion Ratio Lower Upper

43 100

61 31.0 26.3 39.5

87 15.2 12.0 18.0



#44

Trichloroethene

Concen: 19.147 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007872.D

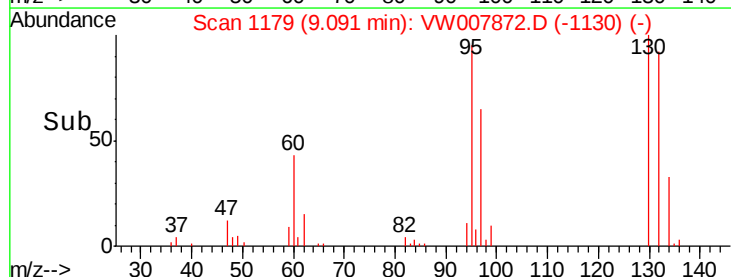
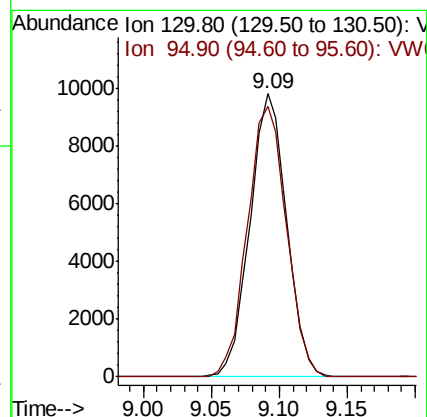
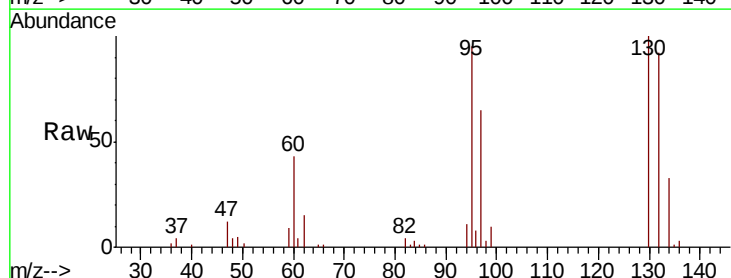
Acq: 23 Dec 2018 05:42

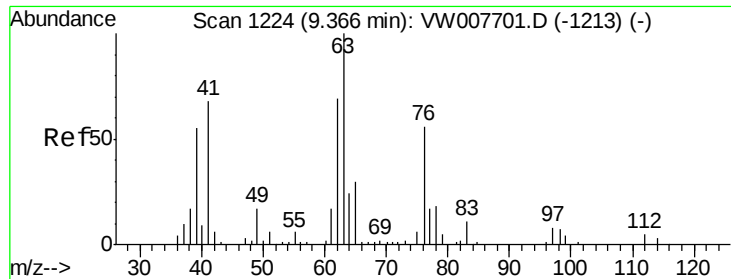
Tgt Ion: 130 Resp: 18635

Ion Ratio Lower Upper

130 100

95 95.4 0.0 194.8

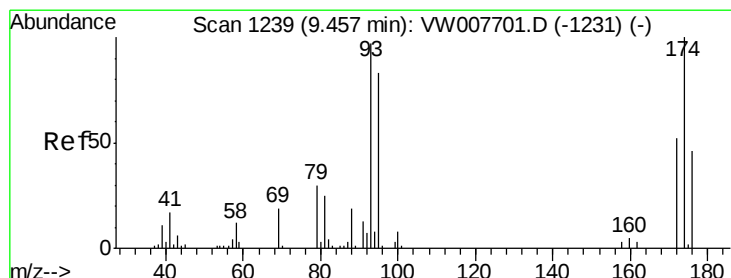
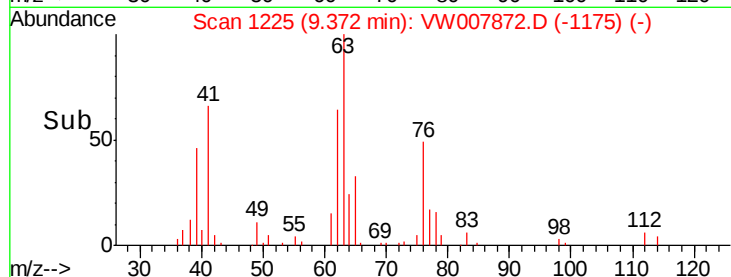
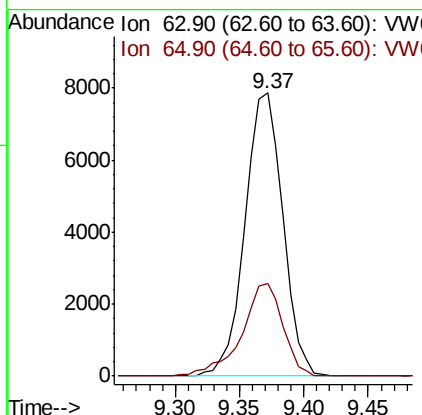
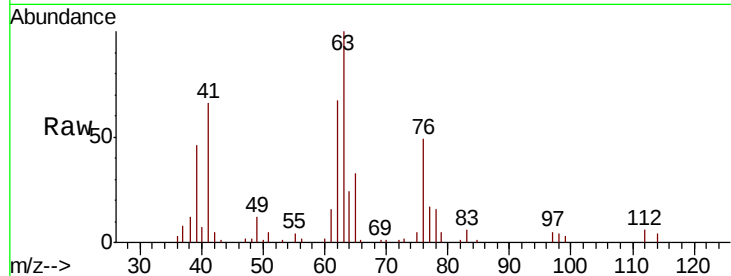




#45
 1,2-Dichloropropane
 Concen: 22.337 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

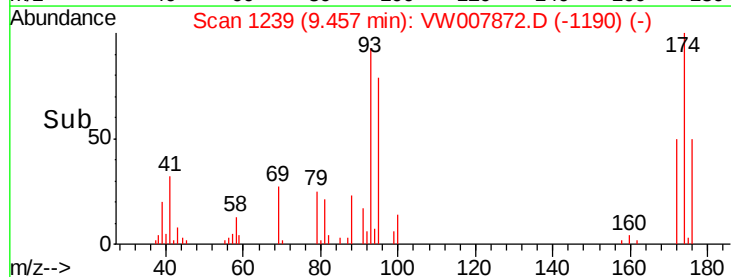
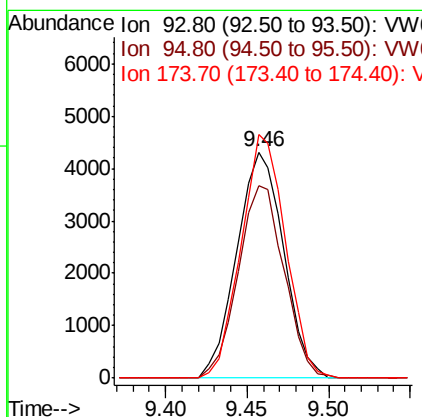
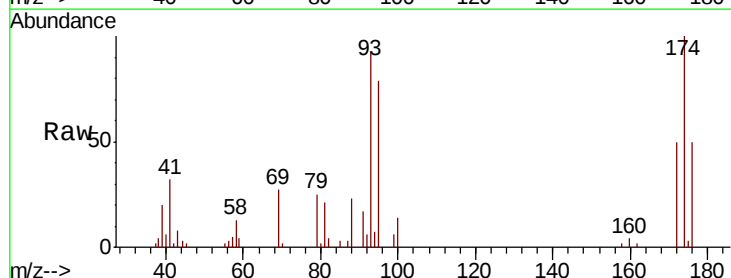
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBSD02

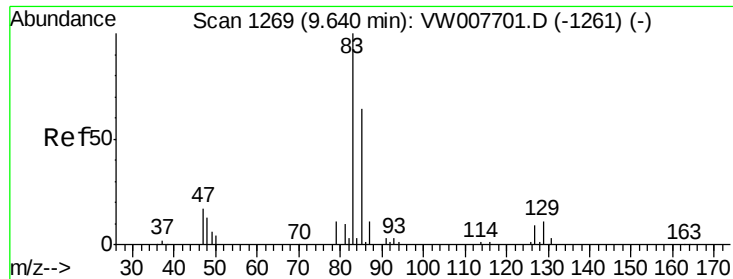
Tgt Ion: 63 Resp: 15951
 Ion Ratio Lower Upper
 63 100
 65 32.8 23.8 35.8



#46
 Dibromomethane
 Concen: 19.625 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Tgt Ion: 93 Resp: 8627
 Ion Ratio Lower Upper
 93 100
 95 83.4 67.5 101.3
 174 102.4 83.9 125.9





#47

Bromodichloromethane

Concen: 18.607 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBSD02

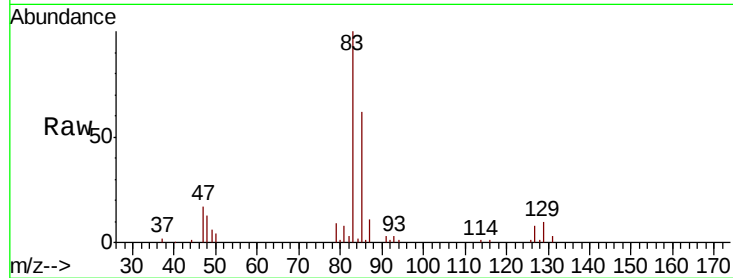
Tgt Ion: 83 Resp: 21503

Ion Ratio Lower Upper

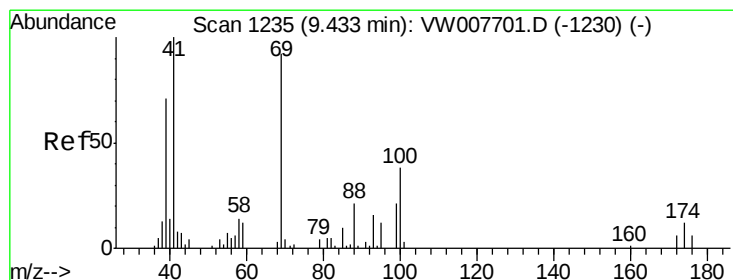
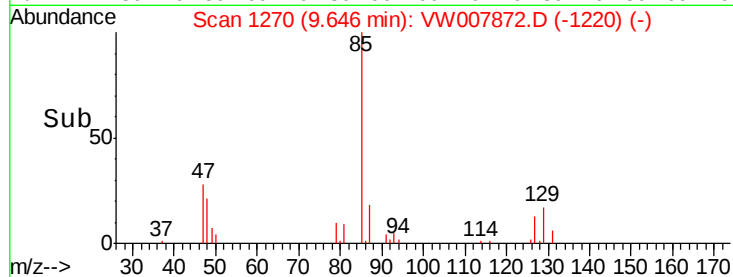
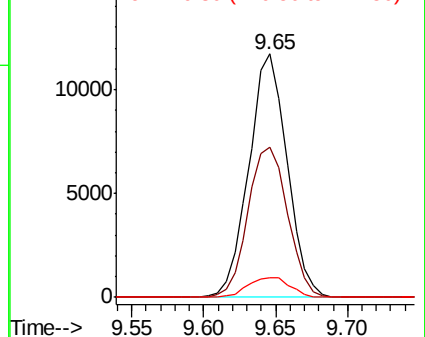
83 100

85 61.9 51.4 77.0

127 8.2 7.5 11.3



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



#48

Methyl methacrylate

Concen: 23.655 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.01 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

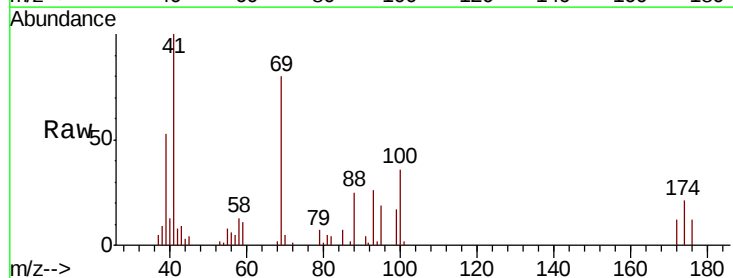
Tgt Ion: 41 Resp: 9846

Ion Ratio Lower Upper

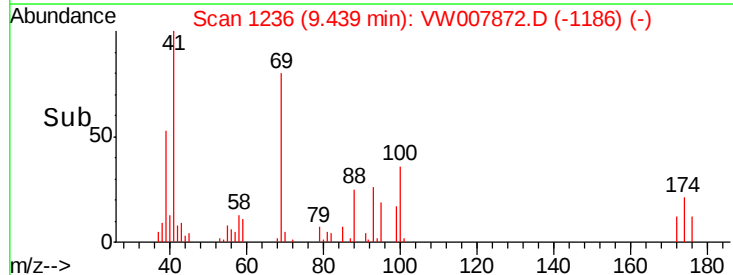
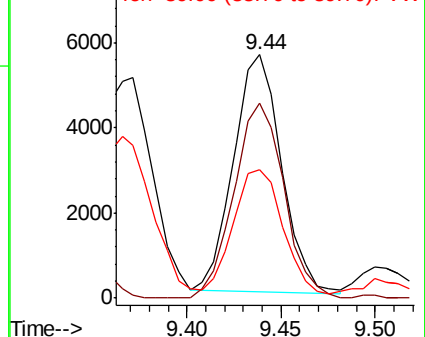
41 100

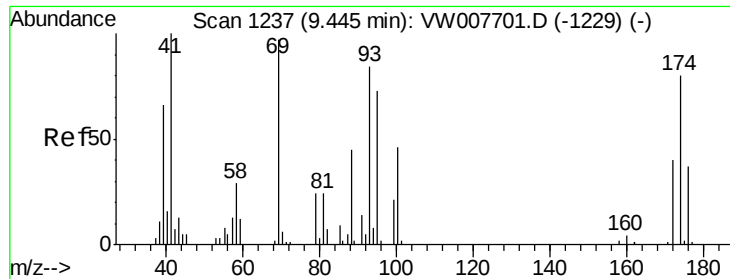
69 85.5 74.2 111.2

39 57.6 53.9 80.9



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

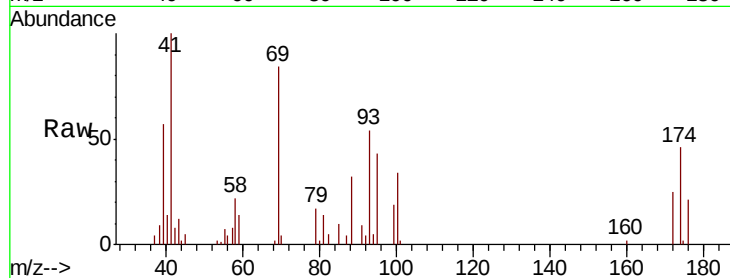




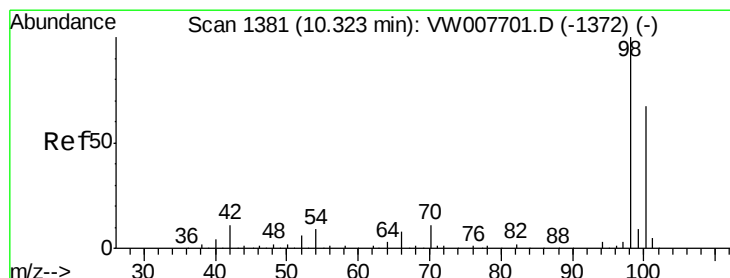
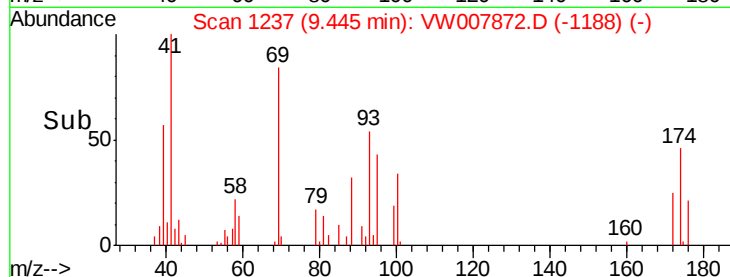
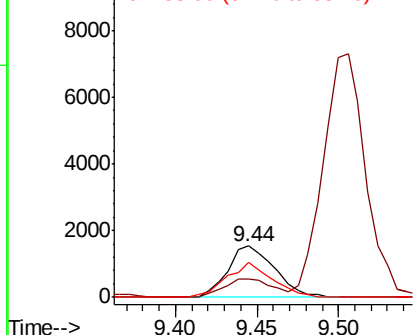
#49
 1,4-Dioxane
 Concen: 441.209 ug/l
 RT: 9.44 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBSD02

Tgt Ion: 88 Resp: 3075
 Ion Ratio Lower Upper
 88 100
 43 37.2 25.6 38.4
 58 65.4 52.3 78.5

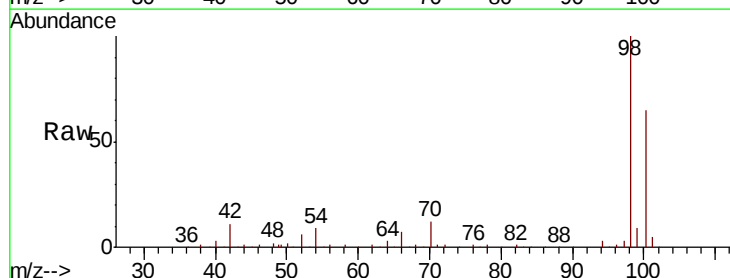


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

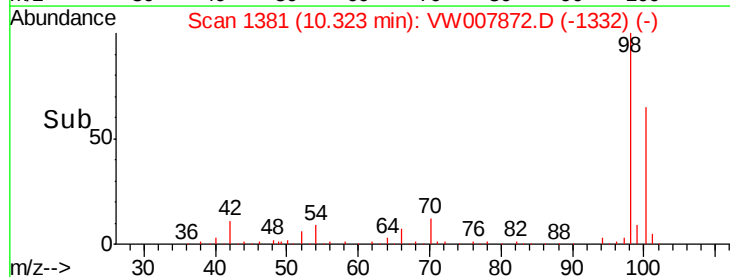
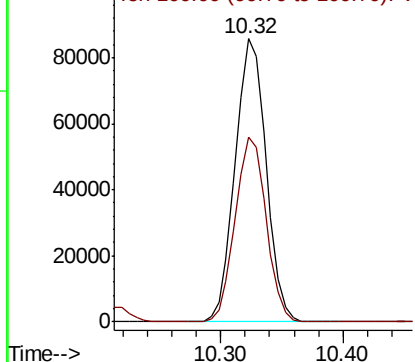


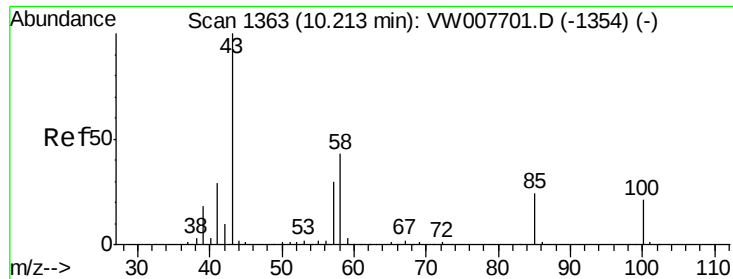
#50
 Toluene-d8
 Concen: 52.291 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Tgt Ion: 98 Resp: 150272
 Ion Ratio Lower Upper
 98 100
 100 65.4 52.2 78.2



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

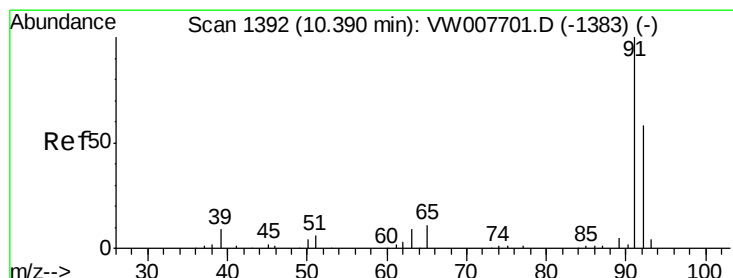
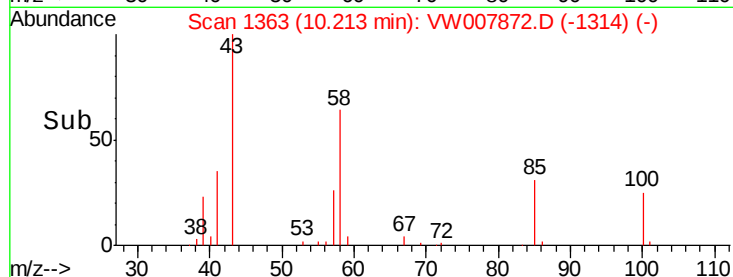
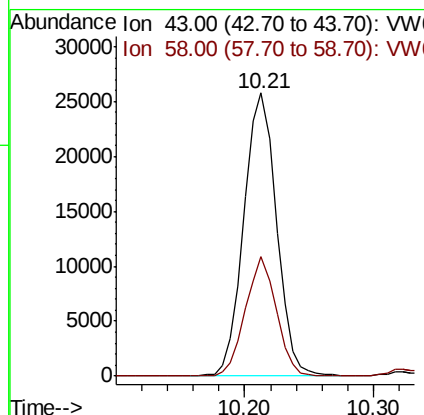
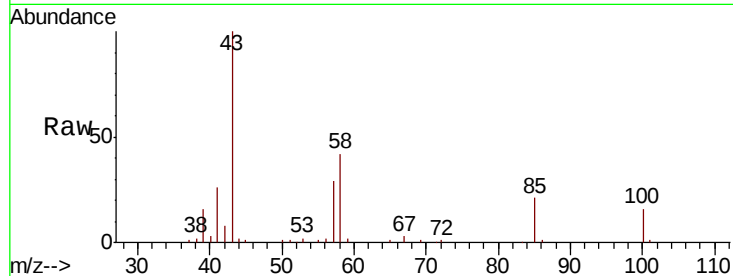




#51
4-Methyl-2-Pentanone
Concen: 114.836 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

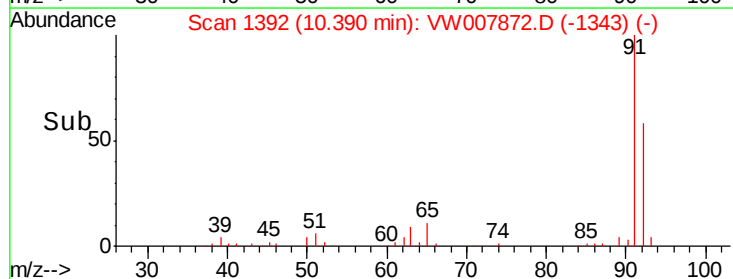
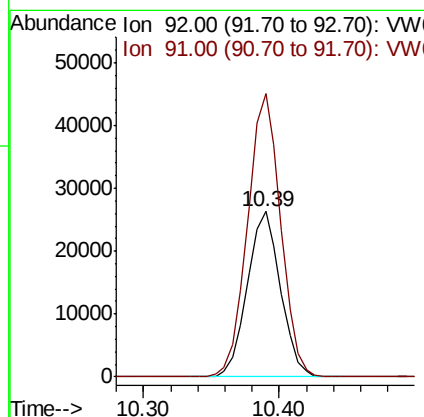
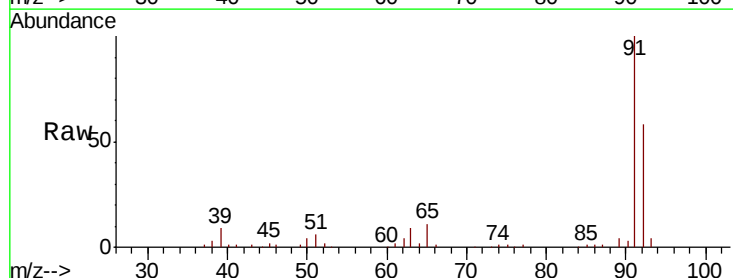
Instrument :
MSVOA_W
ClientSampleId :
VW1224SBSD02

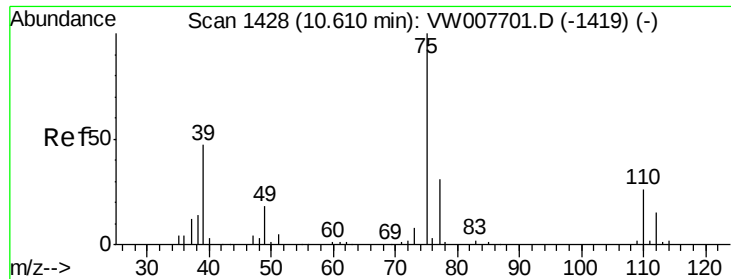
Tgt Ion: 43 Resp: 45256
Ion Ratio Lower Upper
43 100
58 39.8 33.2 49.8



#52
Toluene
Concen: 20.763 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Tgt Ion: 92 Resp: 44833
Ion Ratio Lower Upper
92 100
91 171.0 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 19.445 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.01 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

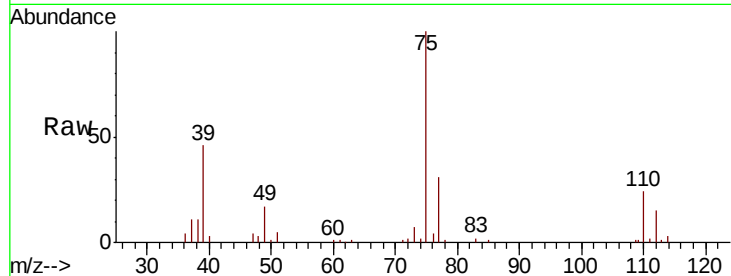
VW1224SBSD02

Tgt Ion: 75 Resp: 22352

Ion Ratio Lower Upper

75 100

77 30.8 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.60

15000

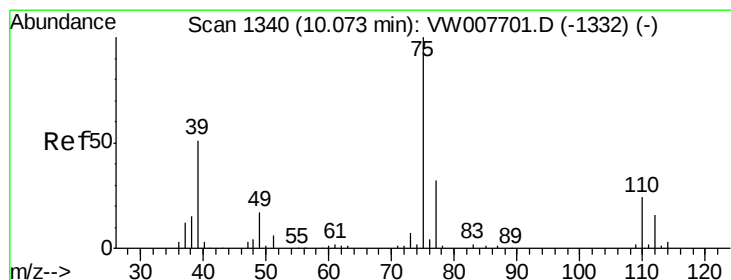
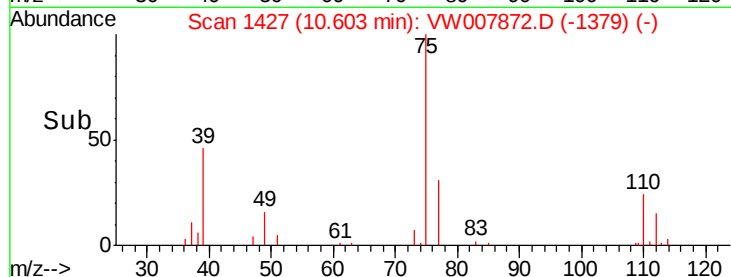
10000

5000

0

Time-->

10.55 10.60 10.65



#54

cis-1,3-Dichloropropene

Concen: 19.645 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

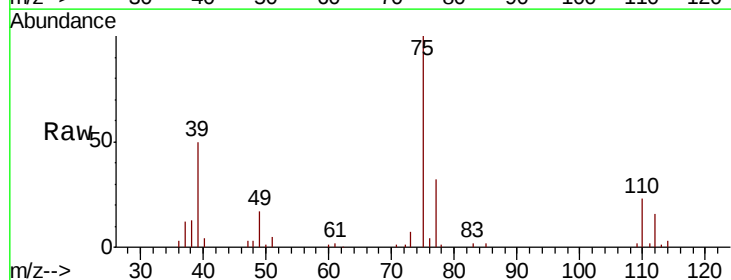
Tgt Ion: 75 Resp: 24943

Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3

39 50.0 41.2 61.8



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

10.07

15000

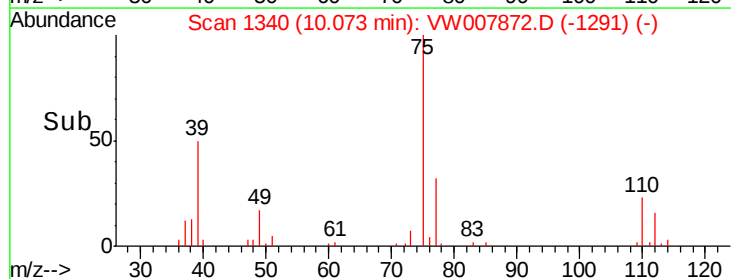
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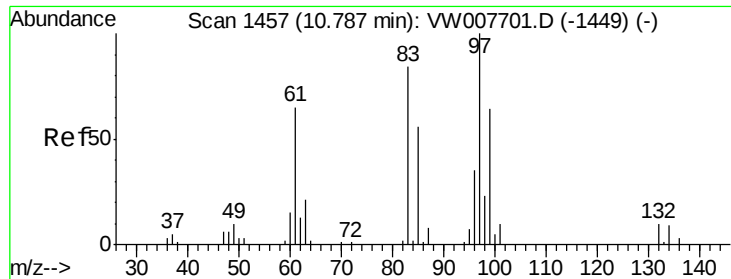
5000

0

Time-->

10.00 10.05 10.10 10.15





#55

1,1,2-Trichloroethane

Concen: 21.033 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBSD02

Tgt Ion: 97 Resp: 12746

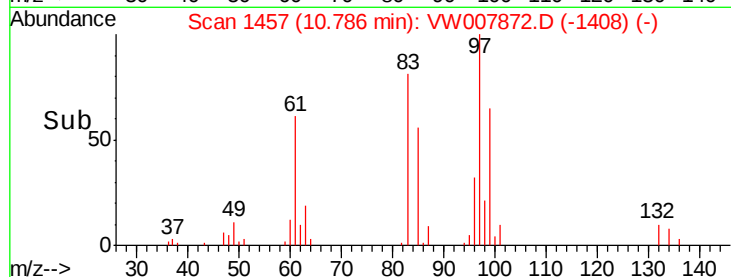
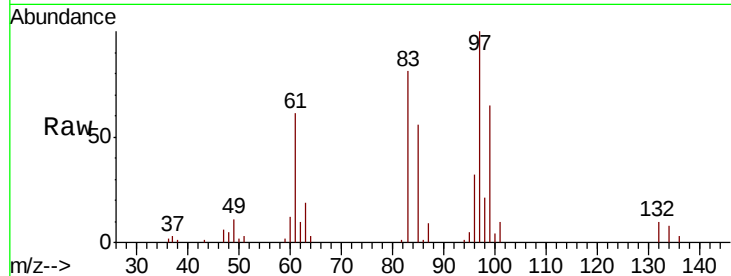
Ion Ratio Lower Upper

97 100

83 81.2 67.5 101.3

85 55.8 44.8 67.2

99 65.0 51.0 76.4

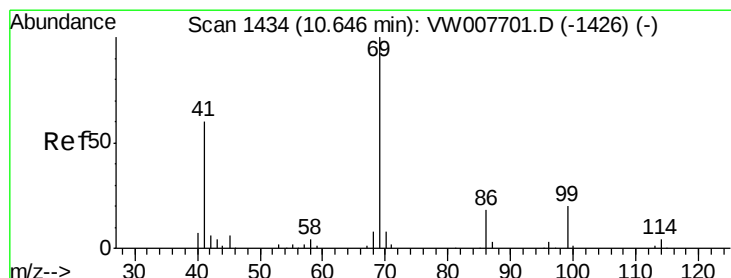
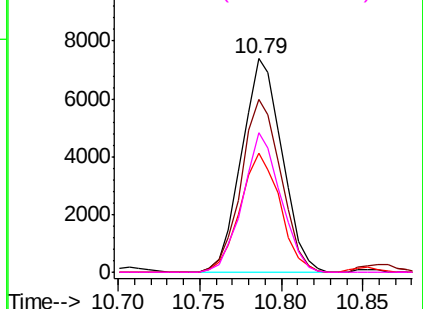


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 21.705 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

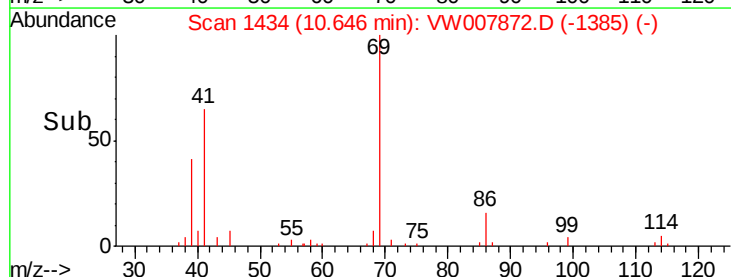
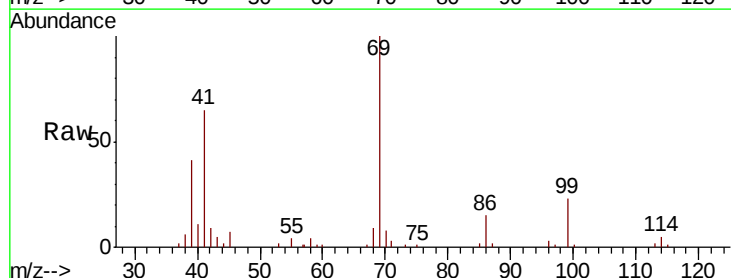
Tgt Ion: 69 Resp: 15541

Ion Ratio Lower Upper

69 100

41 65.5 48.9 73.3

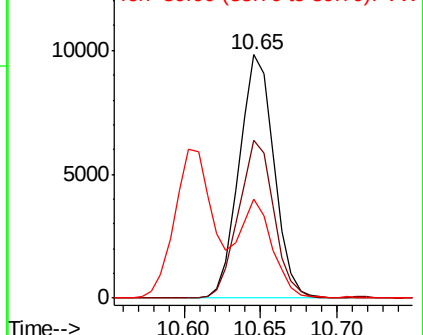
39 38.6 31.3 46.9

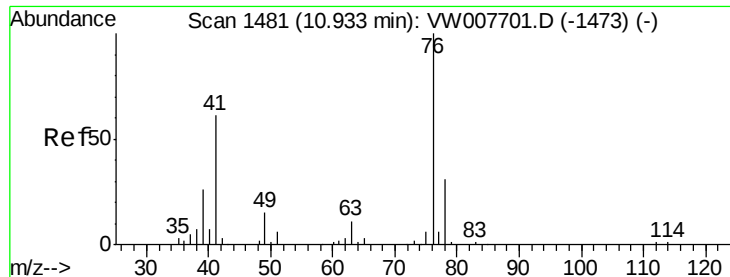


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

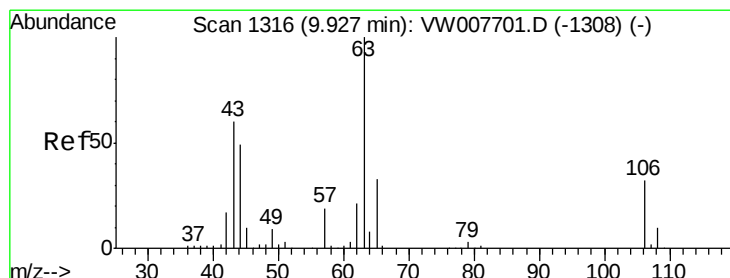
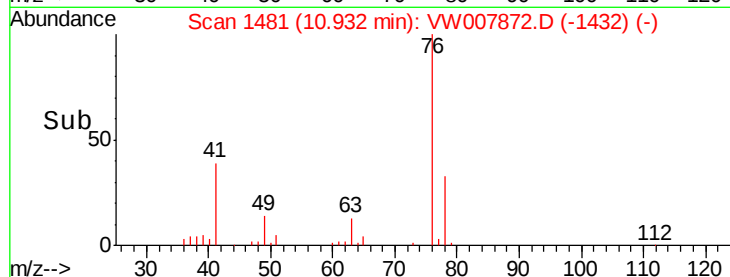
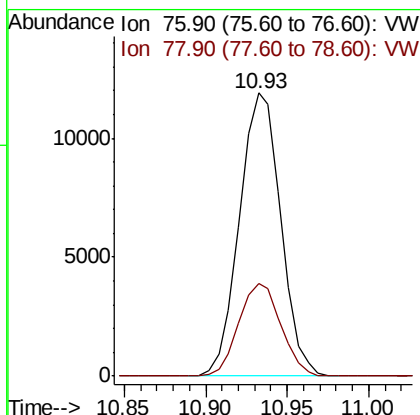
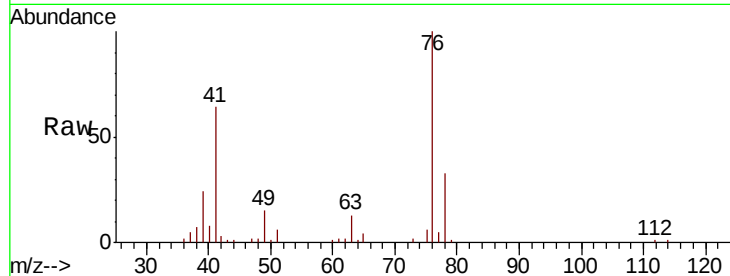




#57
 1,3-Dichloropropane
 Concen: 20.818 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

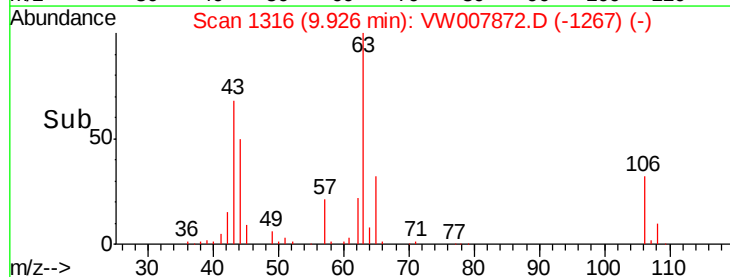
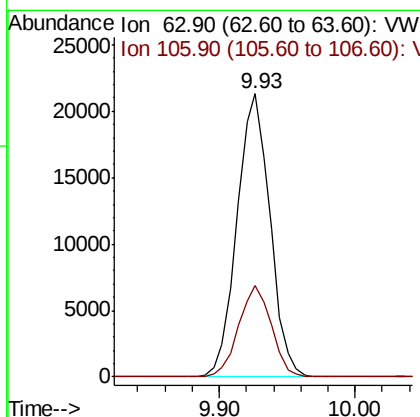
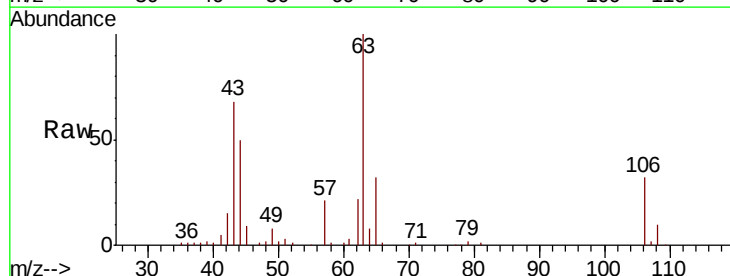
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBSD02

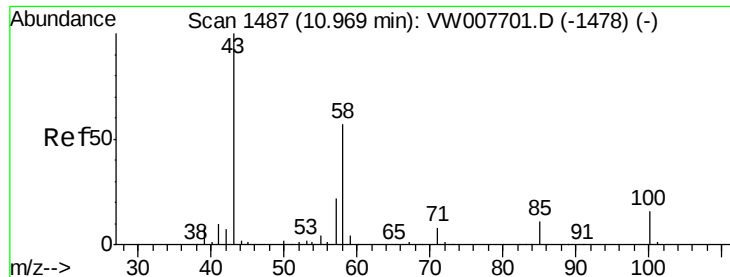
Tgt Ion: 76 Resp: 20949
 Ion Ratio Lower Upper
 76 100
 78 33.1 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 110.208 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Tgt Ion: 63 Resp: 36028
 Ion Ratio Lower Upper
 63 100
 106 31.9 25.9 38.9





#59

2-Hexanone

Concen: 107.825 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

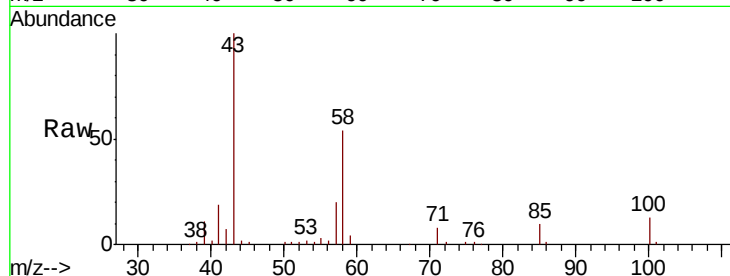
VW1224SBSD02

Tgt Ion: 43 Resp: 29884

Ion Ratio Lower Upper

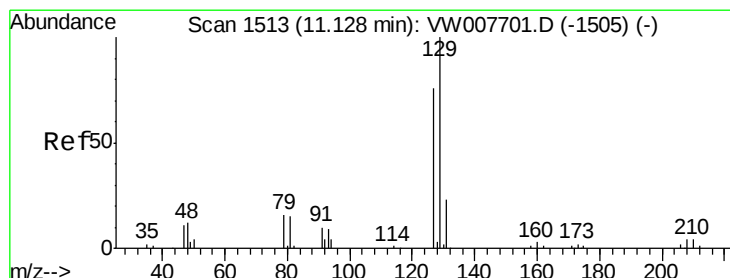
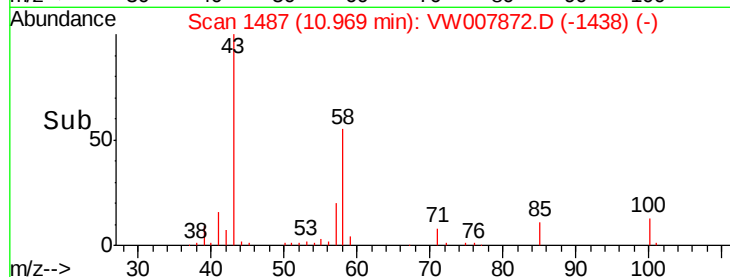
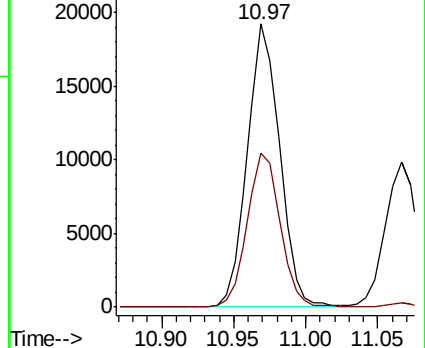
43 100

58 55.3 27.7 83.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#60

Dibromochloromethane

Concen: 17.486 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW007872.D

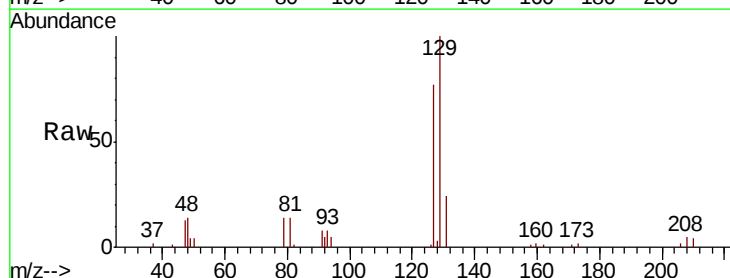
Acq: 23 Dec 2018 05:42

Tgt Ion: 129 Resp: 14031

Ion Ratio Lower Upper

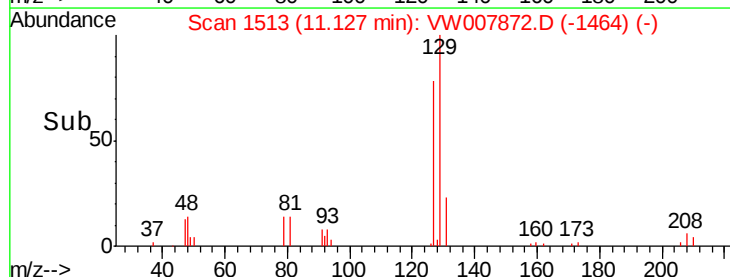
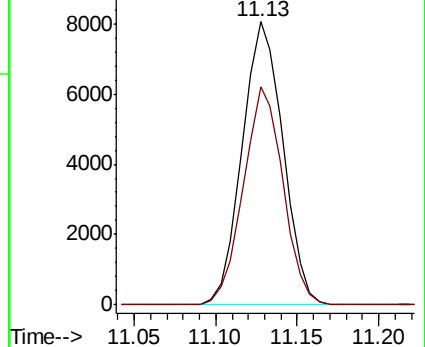
129 100

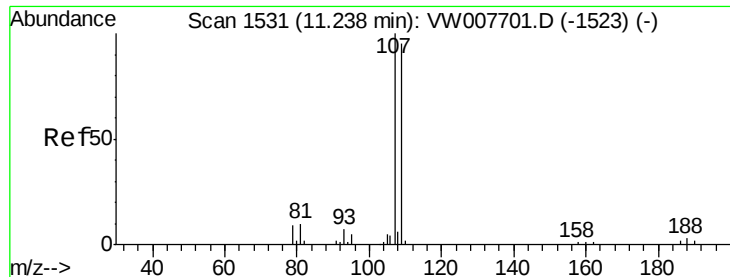
127 74.7 38.3 114.9



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

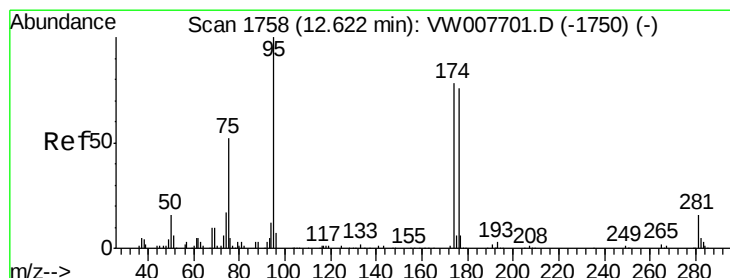
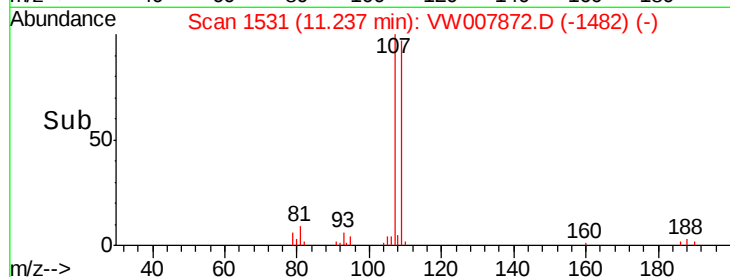
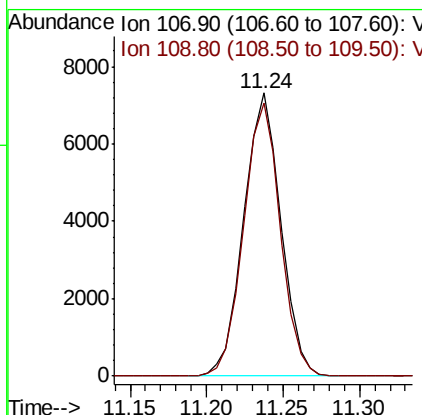
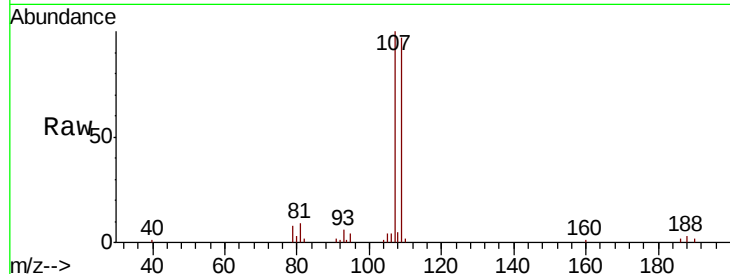




#61
 1,2-Dibromoethane
 Concen: 20.106 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

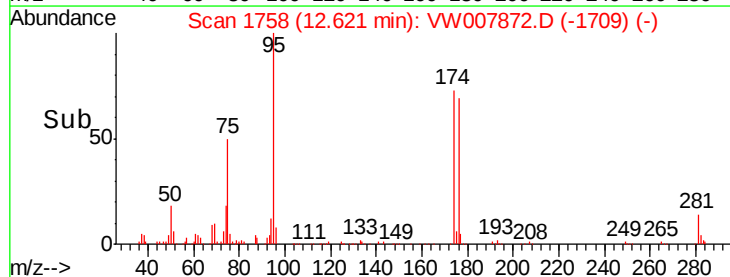
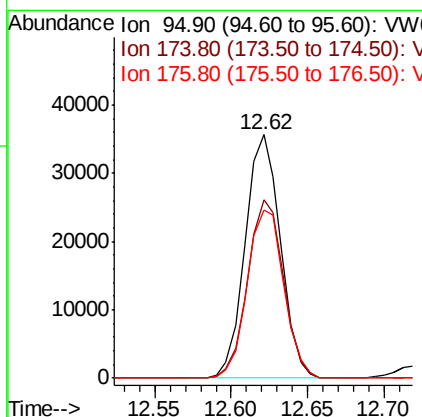
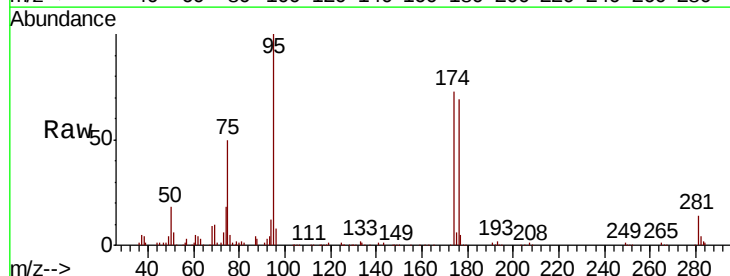
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBSD02

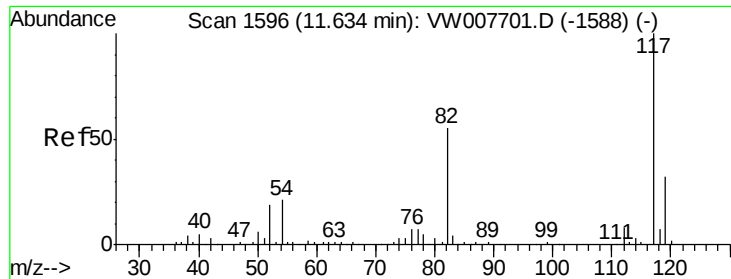
Tgt Ion: 107 Resp: 12339
 Ion Ratio Lower Upper
 107 100
 109 95.6 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 51.427 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Tgt Ion: 95 Resp: 57094
 Ion Ratio Lower Upper
 95 100
 174 74.2 0.0 152.2
 176 71.9 0.0 146.8

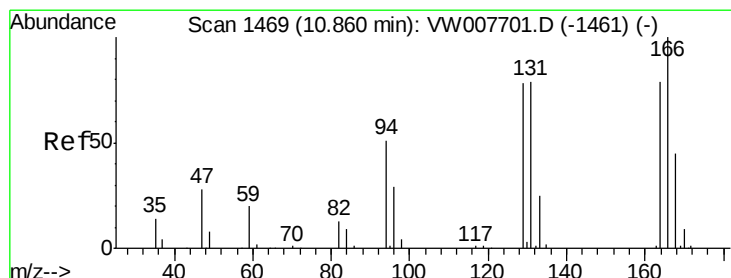
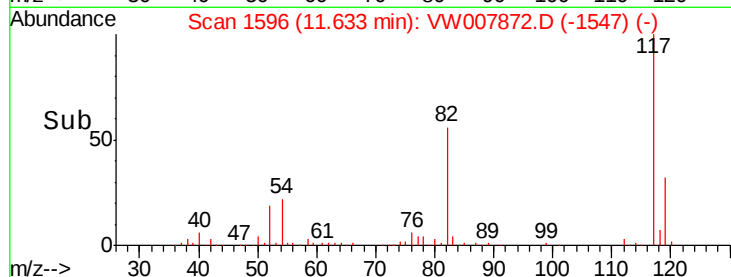
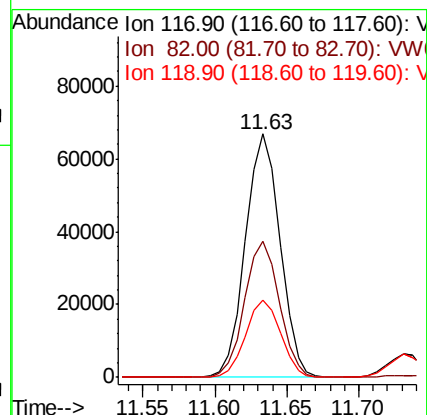
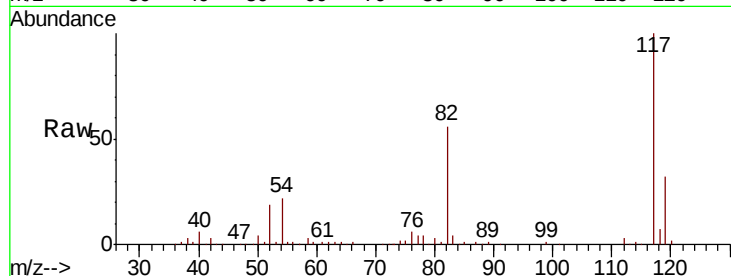




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

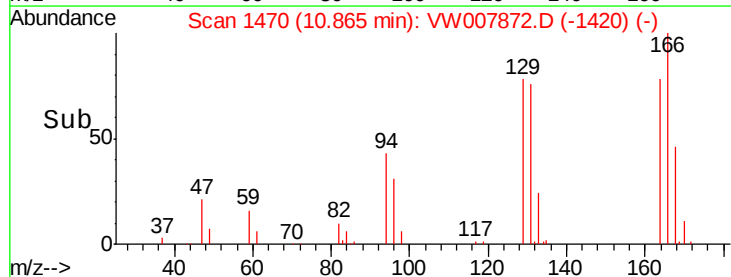
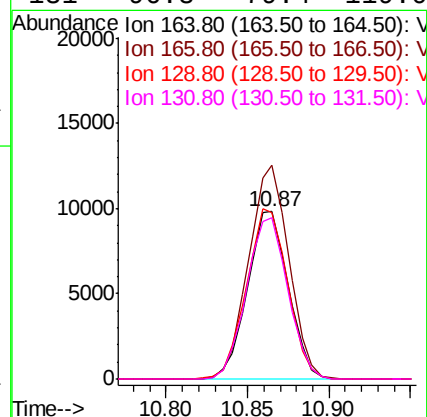
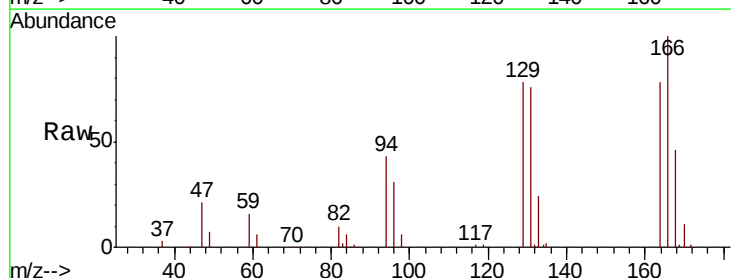
Instrument :
MSVOA_W
ClientSampleId :
VW1224SBSD02

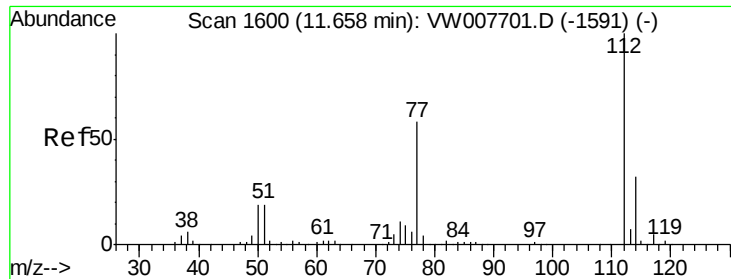
Tgt Ion:117 Resp: 111091
Ion Ratio Lower Upper
117 100
82 55.7 44.3 66.5
119 32.0 25.7 38.5



#64
Tetrachloroethene
Concen: 21.718 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Tgt Ion:164 Resp: 17085
Ion Ratio Lower Upper
164 100
166 127.7 101.0 151.6
129 99.9 78.7 118.1
131 96.8 79.4 119.0

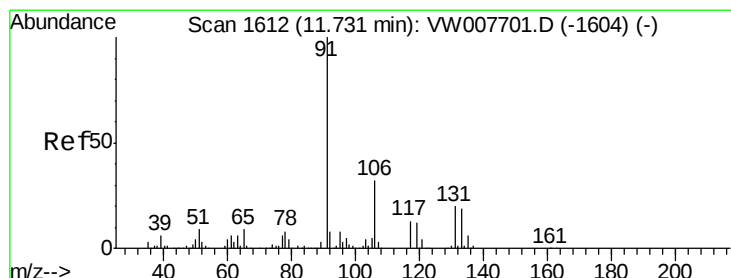
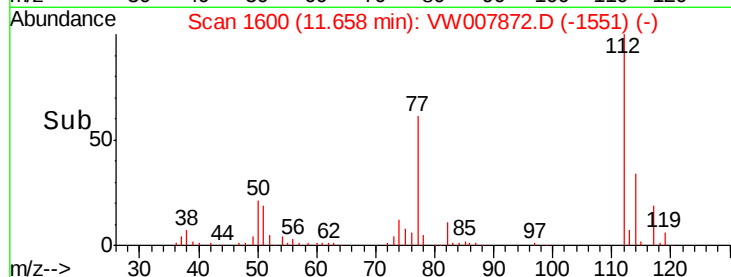
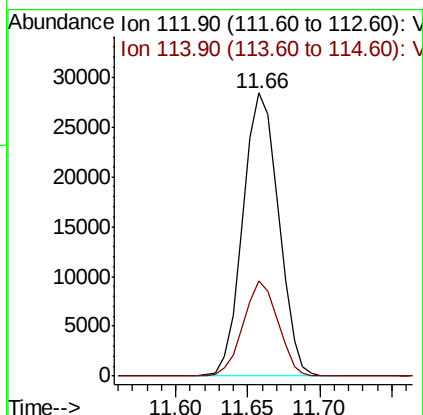
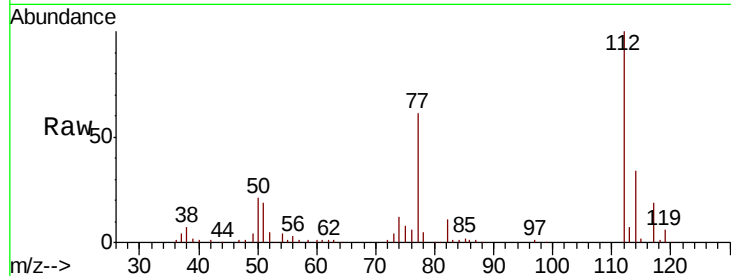




#65
Chlorobenzene
Concen: 20.337 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

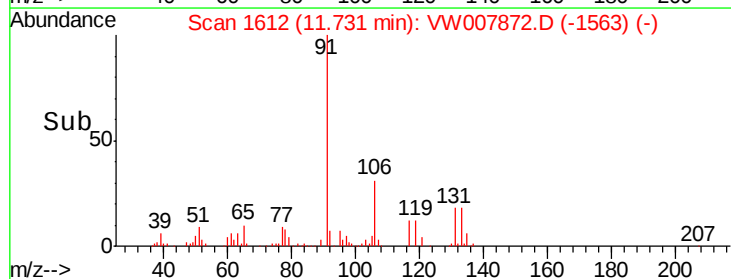
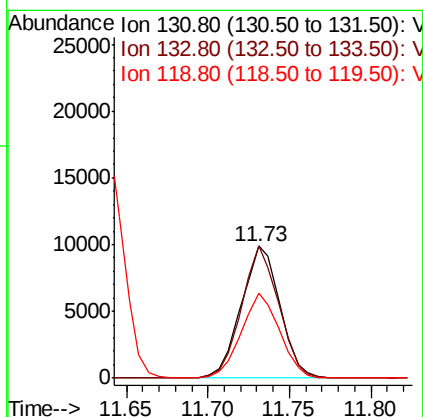
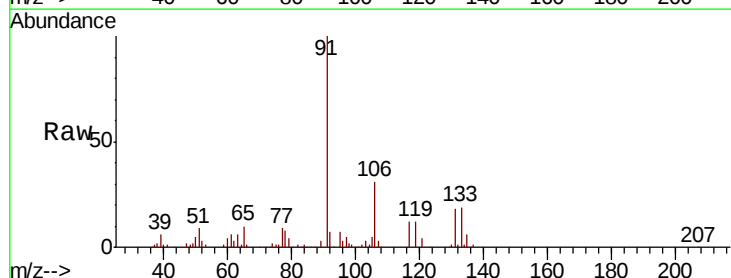
Instrument :
MSVOA_W
ClientSampleId :
VW1224SBSD02

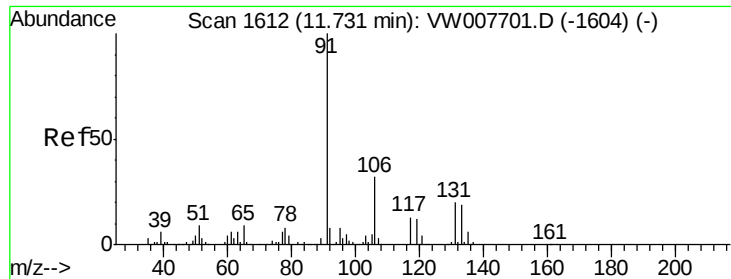
Tgt Ion:112 Resp: 48900
Ion Ratio Lower Upper
112 100
114 33.6 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.949 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Tgt Ion:131 Resp: 16280
Ion Ratio Lower Upper
131 100
133 96.7 47.5 142.5
119 64.1 30.2 90.6

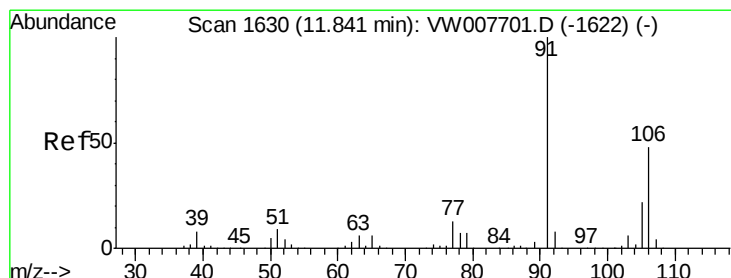
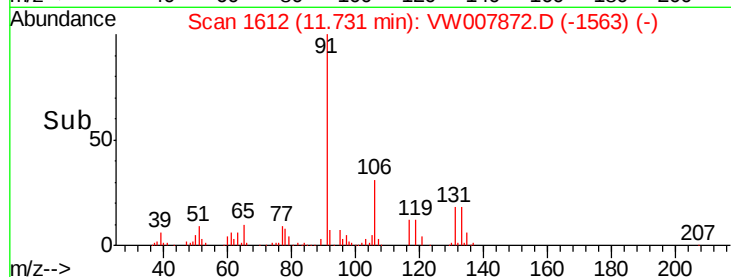
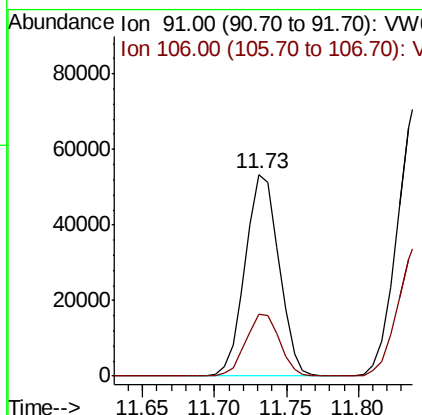
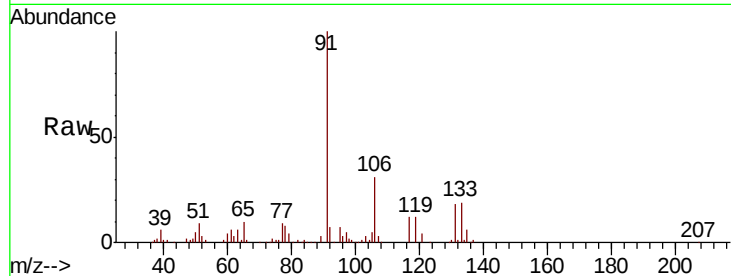




#67
Ethyl Benzene
Concen: 21.080 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

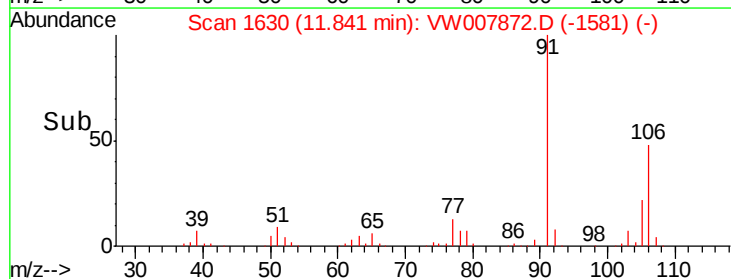
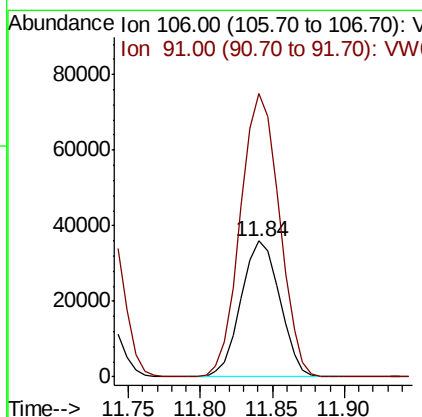
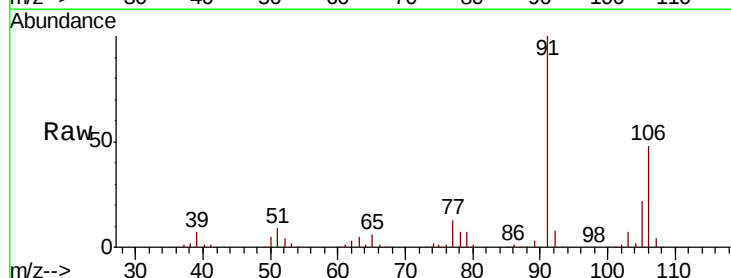
Instrument :
MSVOA_W
ClientSampleId :
VW1224SBSD02

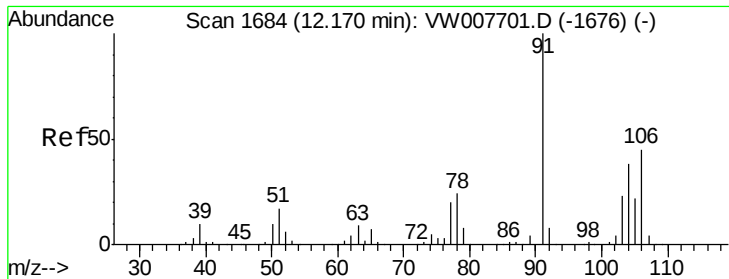
Tgt Ion: 91 Resp: 86976
Ion Ratio Lower Upper
91 100
106 30.8 25.8 38.8



#68
m/p-Xylenes
Concen: 42.006 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Tgt Ion: 106 Resp: 67233
Ion Ratio Lower Upper
106 100
91 209.8 165.2 247.8

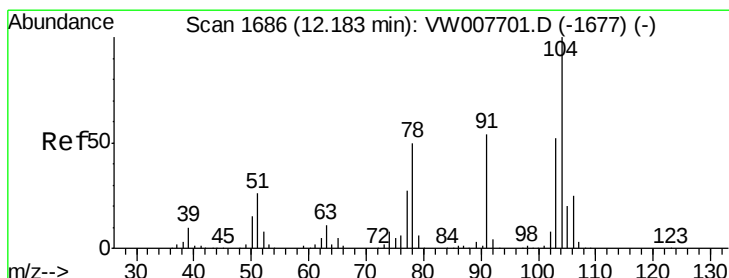
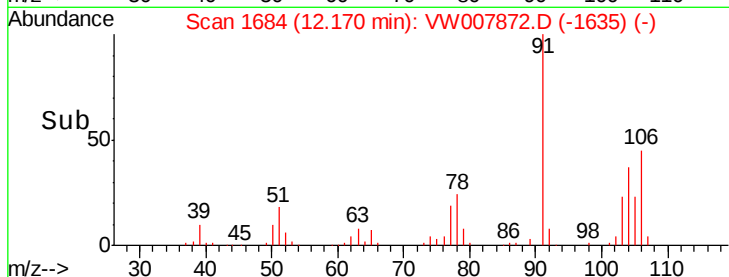
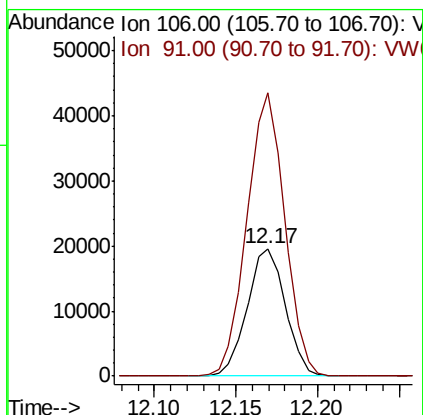
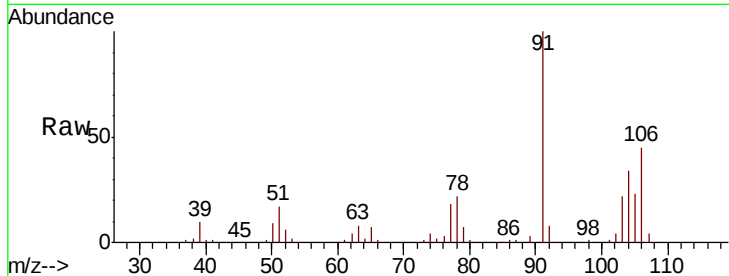




#69
o-Xylene
Concen: 21.247 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

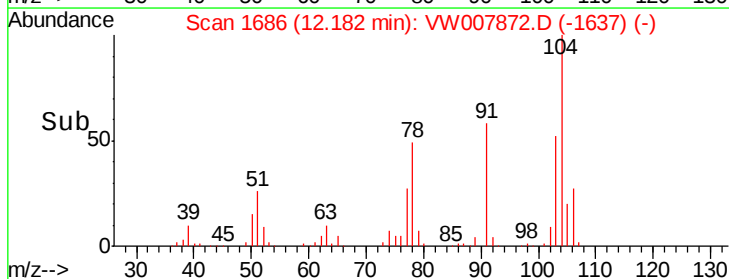
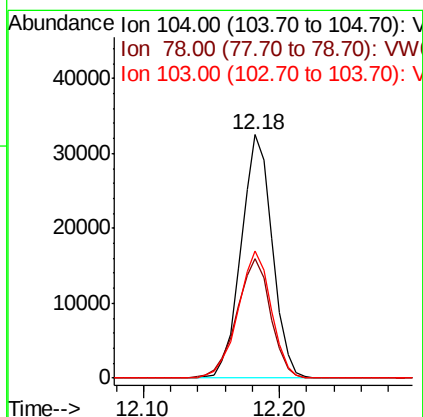
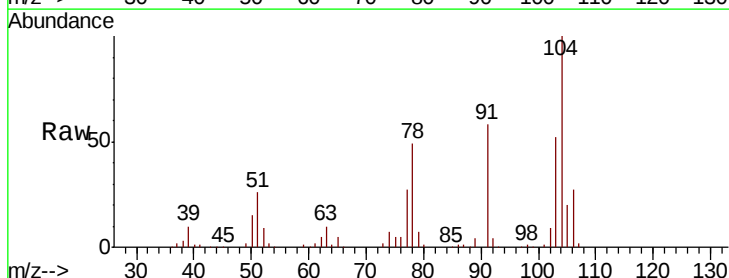
Instrument :
MSVOA_W
ClientSampleId :
VW1224SBSD02

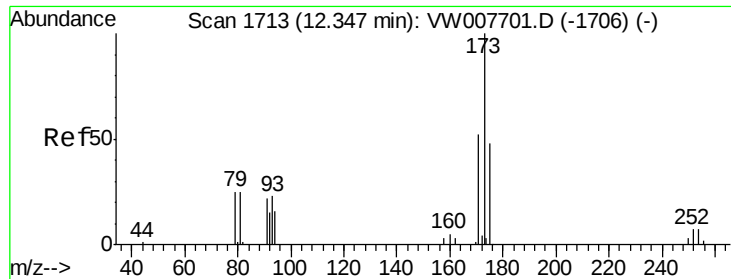
Tgt Ion:106 Resp: 31877
Ion Ratio Lower Upper
106 100
91 220.0 110.5 331.4



#70
Styrene
Concen: 21.051 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Tgt Ion:104 Resp: 51916
Ion Ratio Lower Upper
104 100
78 53.5 43.4 65.0
103 55.7 44.5 66.7

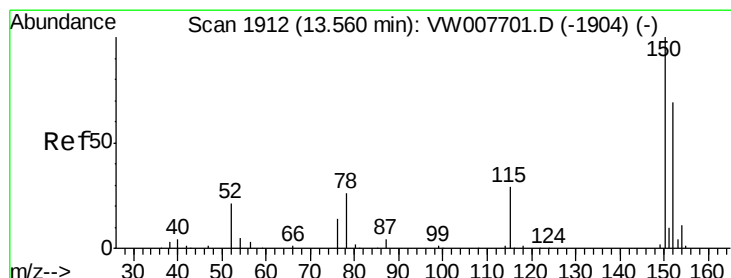
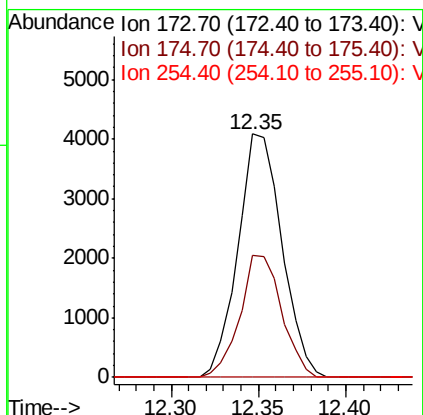
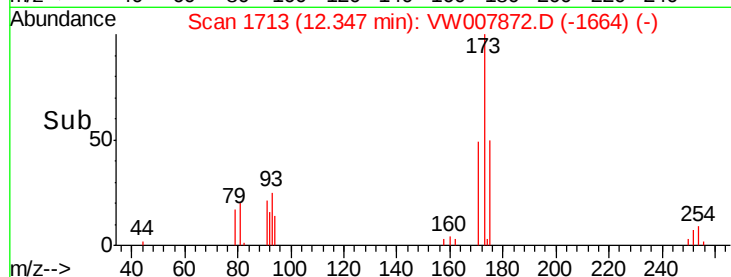
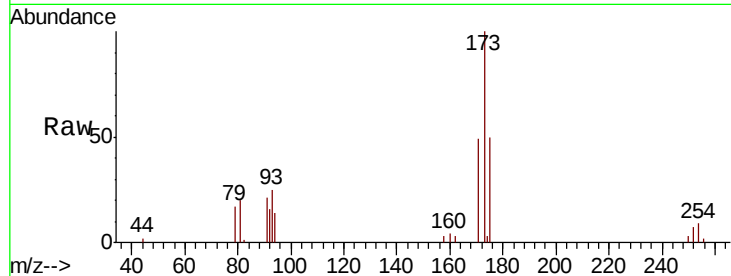




#71
Bromoform
Concen: 16.013 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

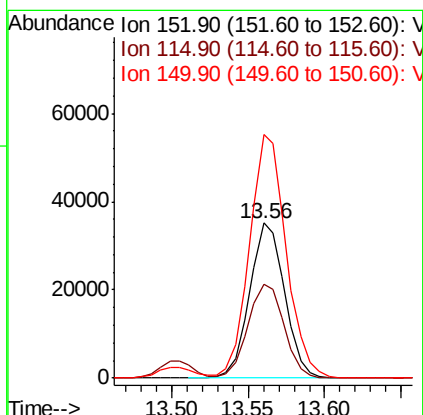
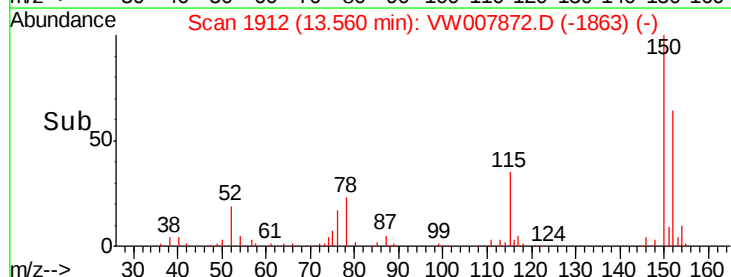
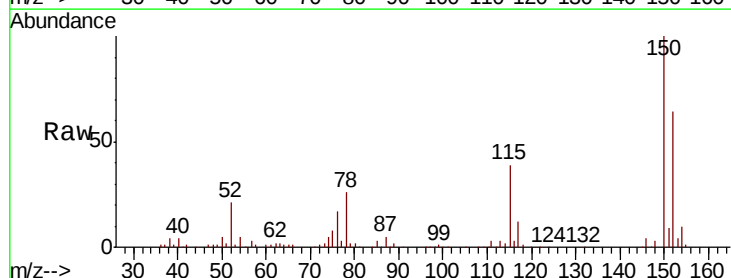
Instrument :
MSVOA_W
ClientSampleId :
VW1224SBSD02

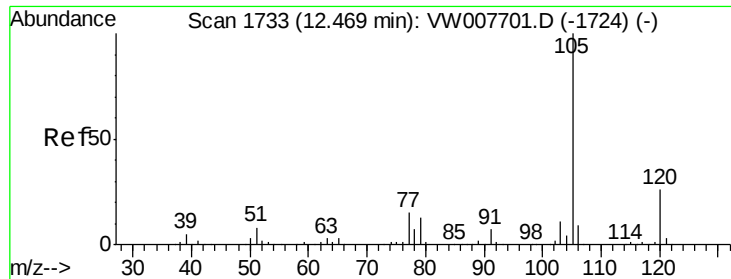
Tgt Ion:173 Resp: 7142
Ion Ratio Lower Upper
173 100
175 47.3 23.9 71.7
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007872.D
Acq: 23 Dec 2018 05:42

Tgt Ion:152 Resp: 55735
Ion Ratio Lower Upper
152 100
115 62.6 31.8 95.4
150 164.6 0.0 350.8





#73

Isopropylbenzene

Concen: 21.276 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

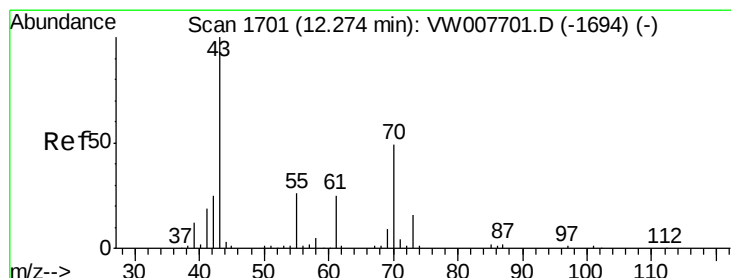
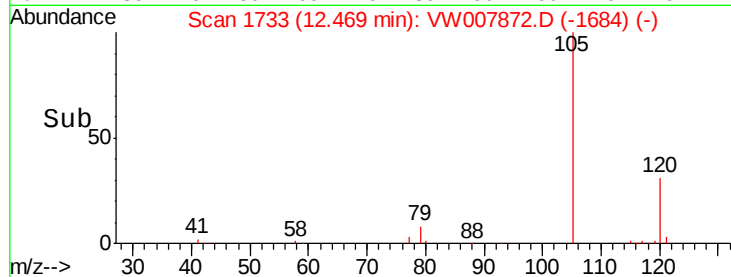
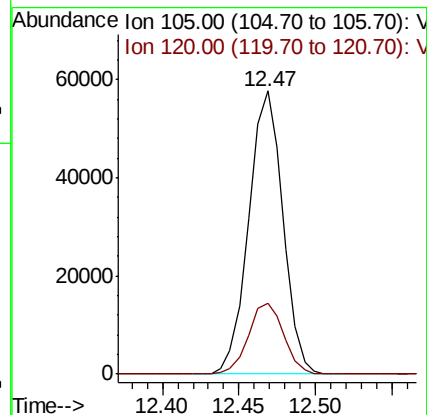
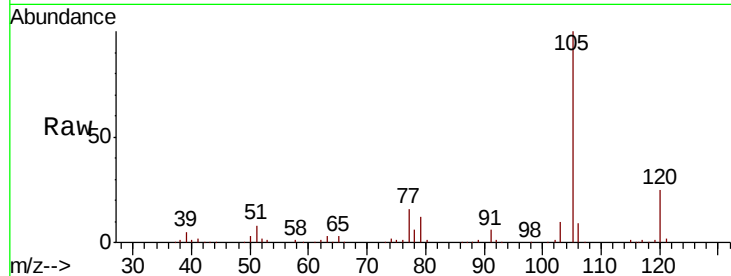
VW1224SBSD02

Tgt Ion:105 Resp: 89635

Ion Ratio Lower Upper

105 100

120 25.8 13.1 39.3



#74

N-ethyl acetate

Concen: 23.379 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Tgt Ion: 43 Resp: 17061

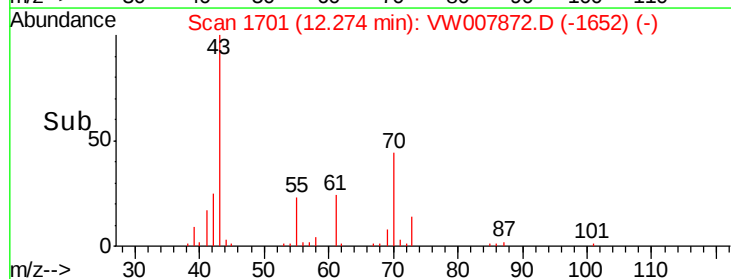
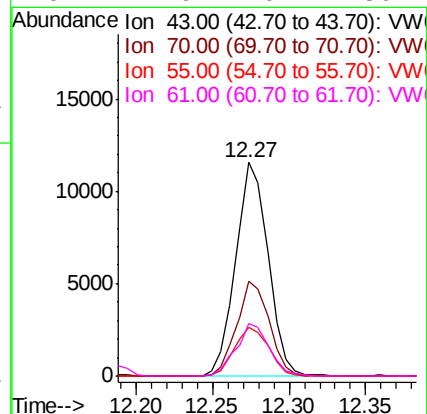
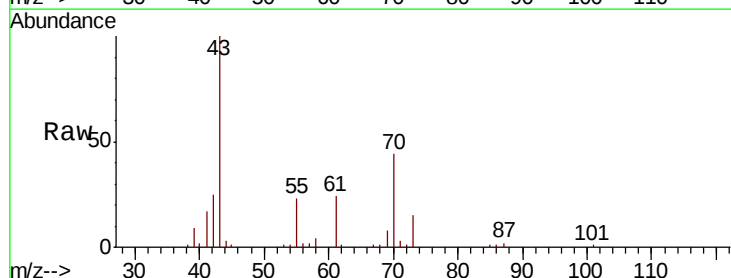
Ion Ratio Lower Upper

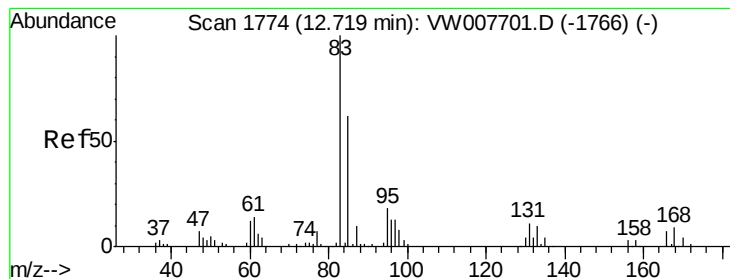
43 100

70 44.4 37.6 56.4

55 24.2 21.7 32.5

61 24.9 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.190 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBSD02

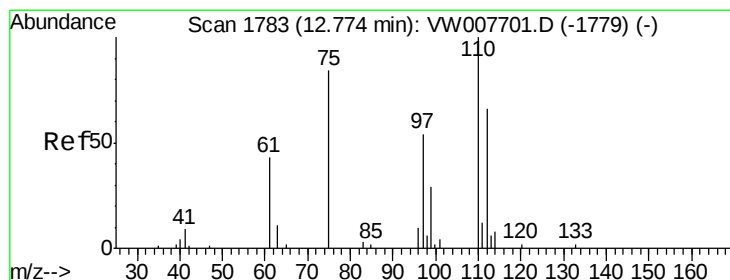
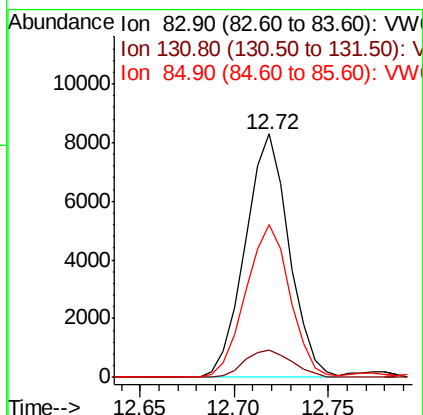
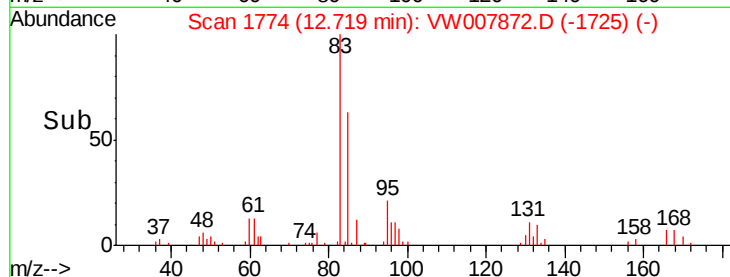
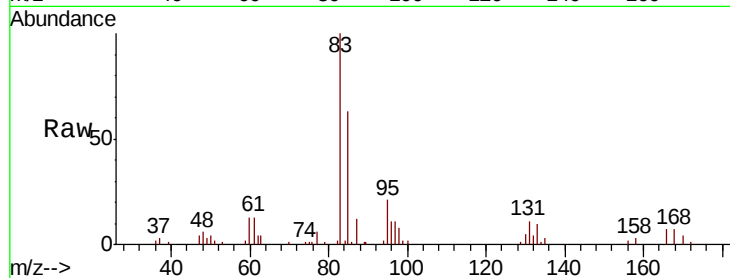
Tgt Ion: 83 Resp: 13385

Ion Ratio Lower Upper

83 100

131 12.0 6.3 18.8

85 63.3 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 42.082 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW007872.D

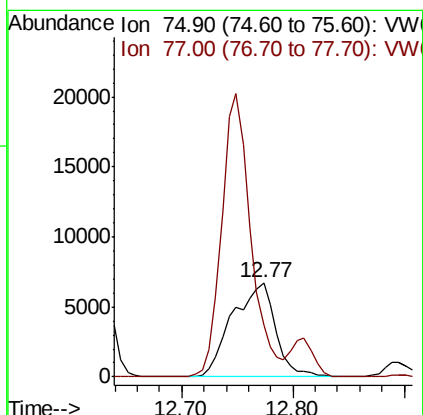
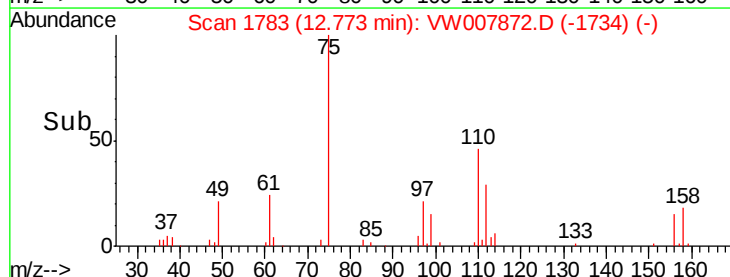
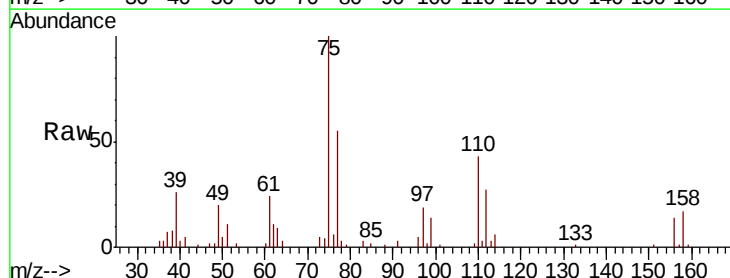
Acq: 23 Dec 2018 05:42

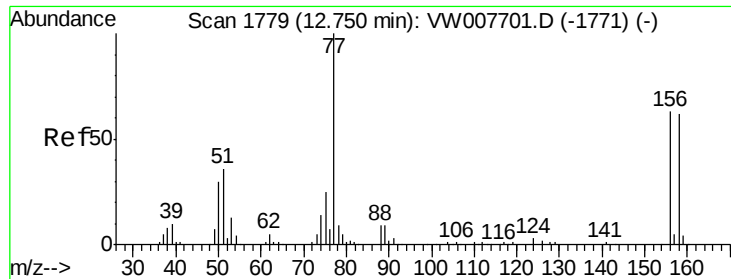
Tgt Ion: 75 Resp: 18128

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.791 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBSD02

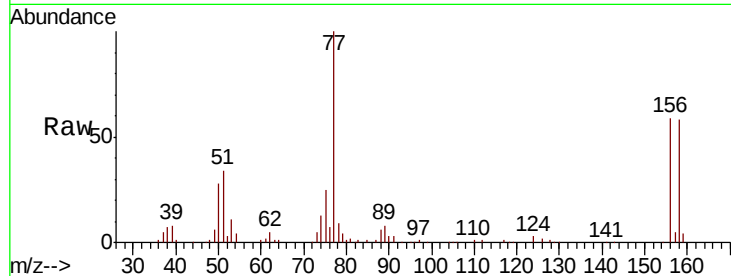
Tgt Ion:156 Resp: 19108

Ion Ratio Lower Upper

156 100

77 193.0 87.4 262.1

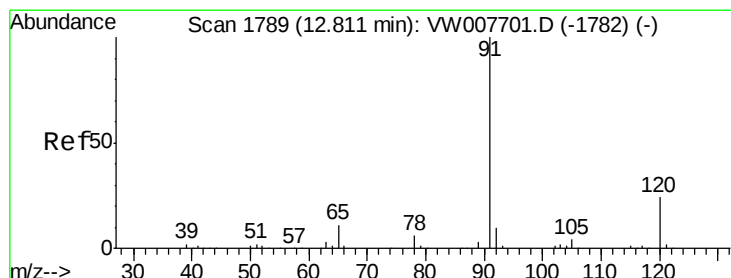
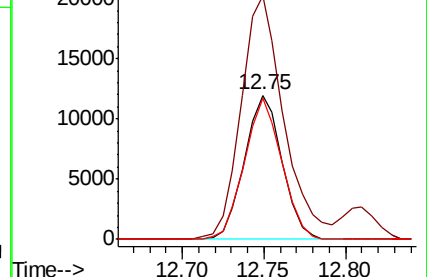
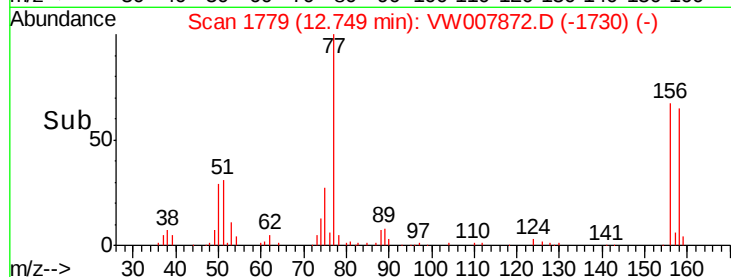
158 97.8 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.892 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007872.D

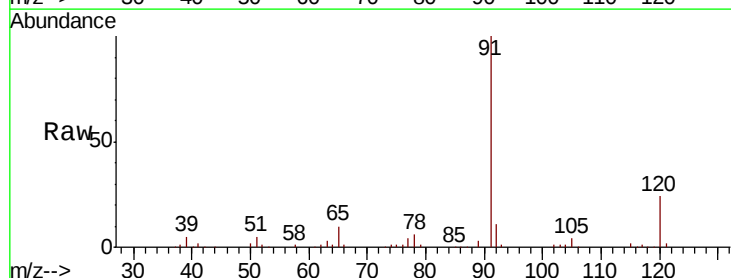
Acq: 23 Dec 2018 05:42

Tgt Ion: 91 Resp: 102455

Ion Ratio Lower Upper

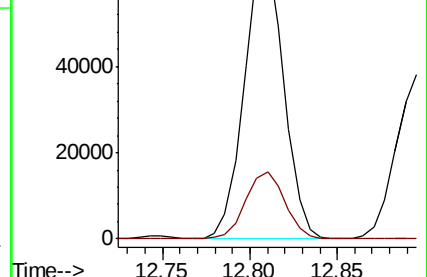
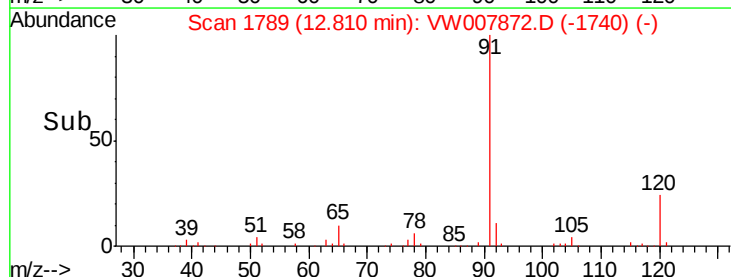
91 100

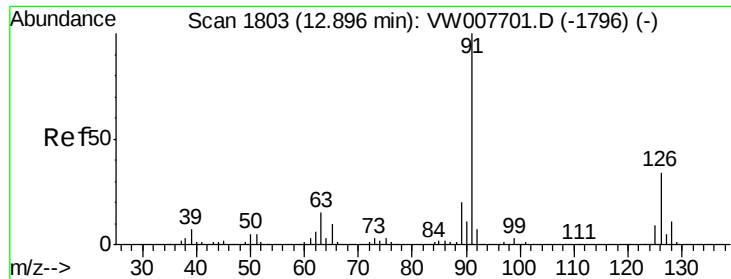
120 23.7 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

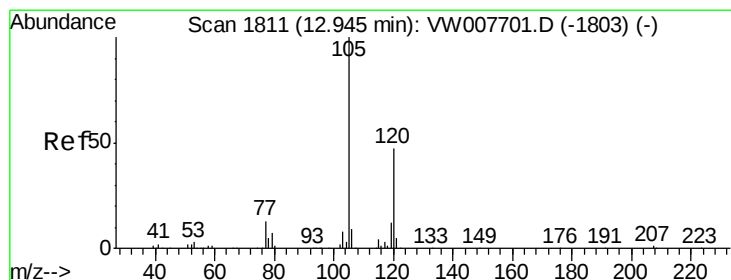
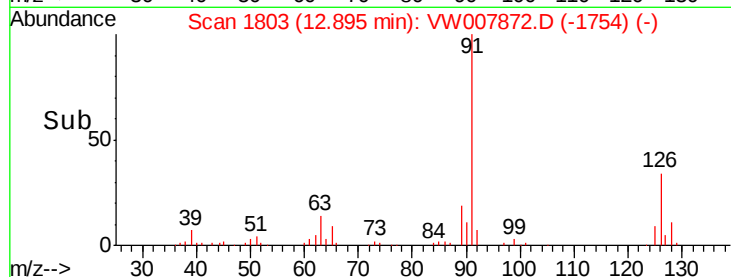
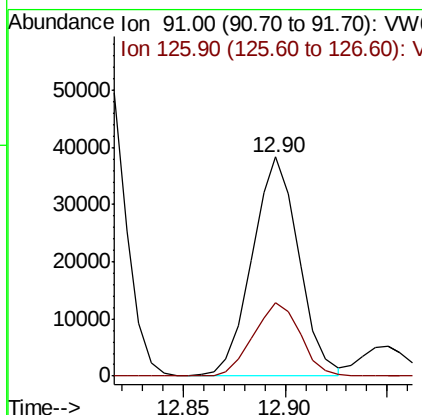
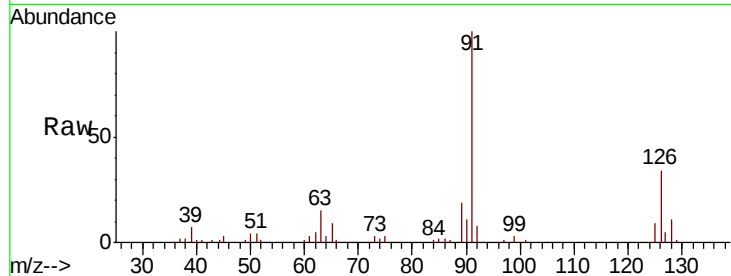




#79
 2-Chlorotoluene
 Concen: 21.294 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

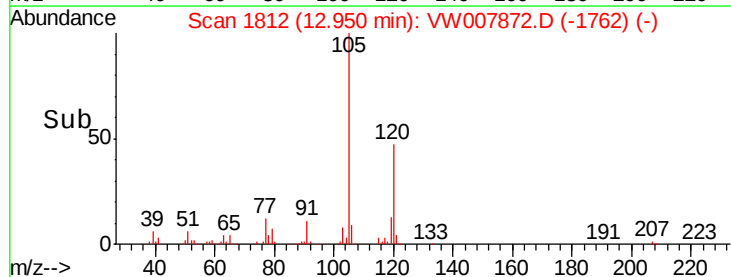
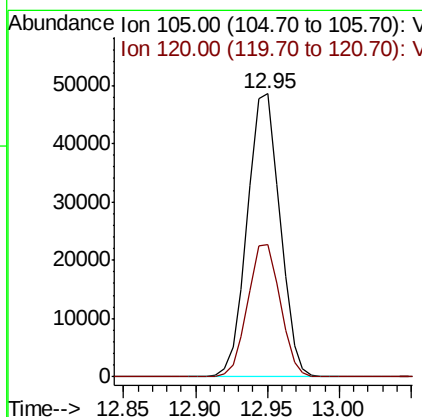
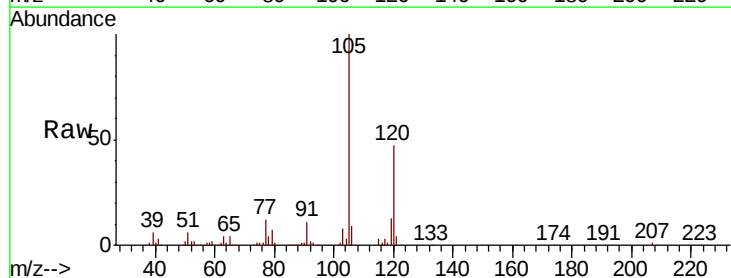
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBSD02

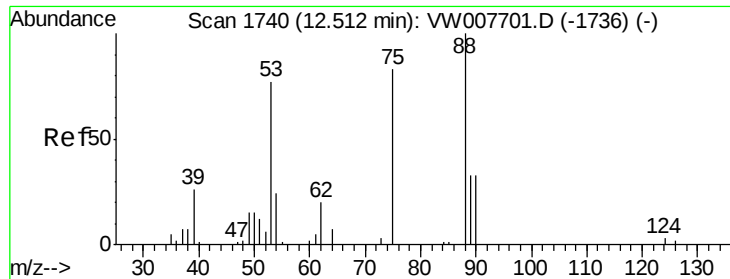
Tgt Ion: 91 Resp: 60834
 Ion Ratio Lower Upper
 91 100
 126 34.0 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.971 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Tgt Ion: 105 Resp: 76209
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.6 70.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.492 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBSD02

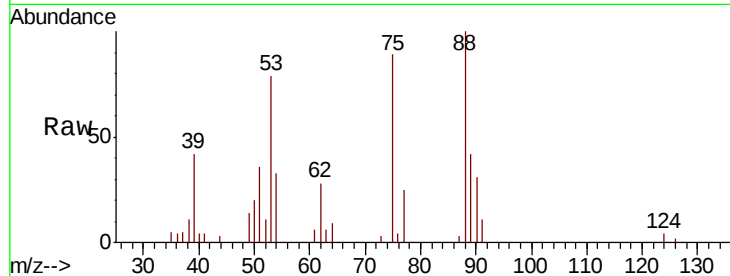
Tgt Ion: 75 Resp: 3795

Ion Ratio Lower Upper

75 100

53 95.4 80.2 120.2

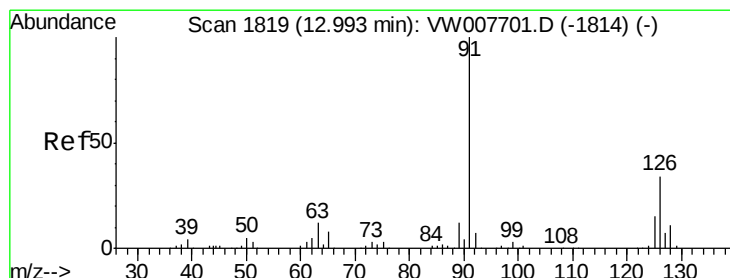
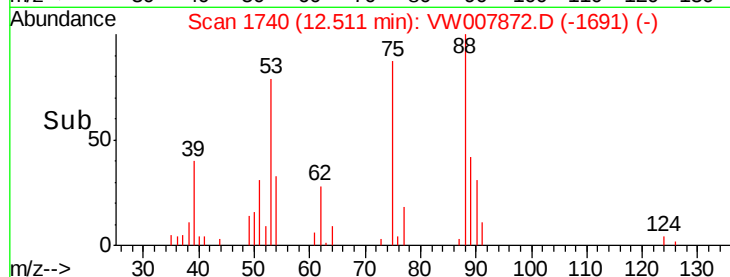
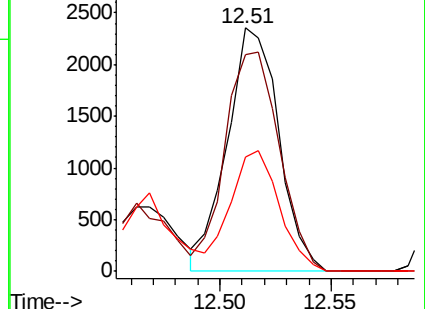
89 46.7 39.2 58.8



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 21.281 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW007872.D

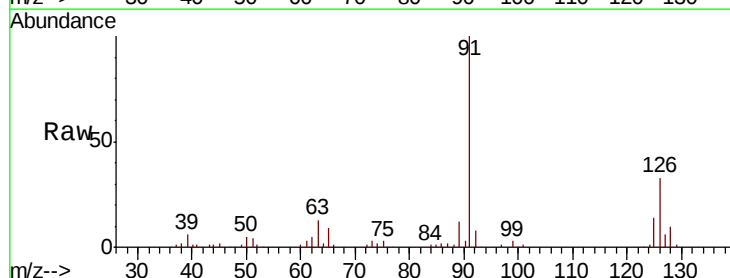
Acq: 23 Dec 2018 05:42

Tgt Ion: 91 Resp: 64734

Ion Ratio Lower Upper

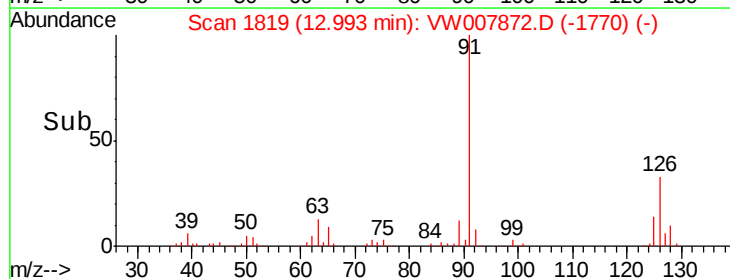
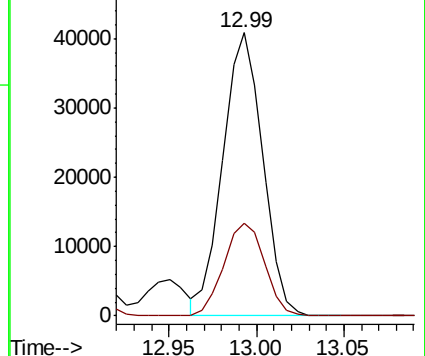
91 100

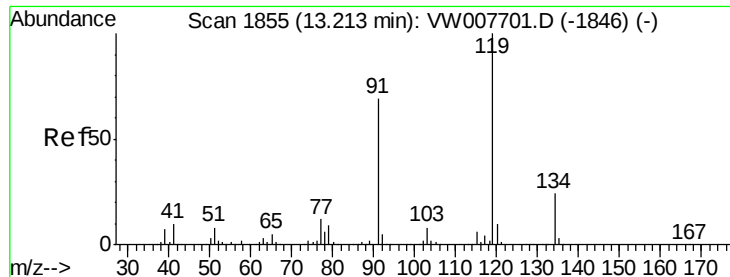
126 33.3 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.901 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBSD02

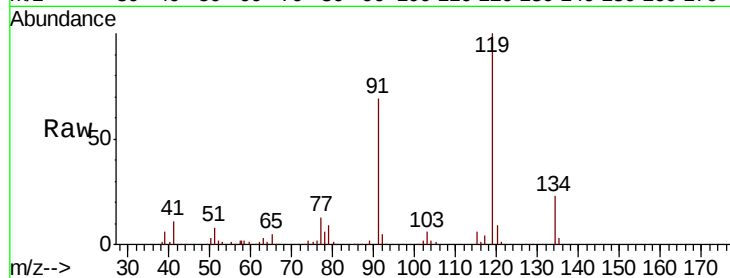
Tgt Ion:119 Resp: 66644

Ion Ratio Lower Upper

119 100

91 67.6 34.2 102.5

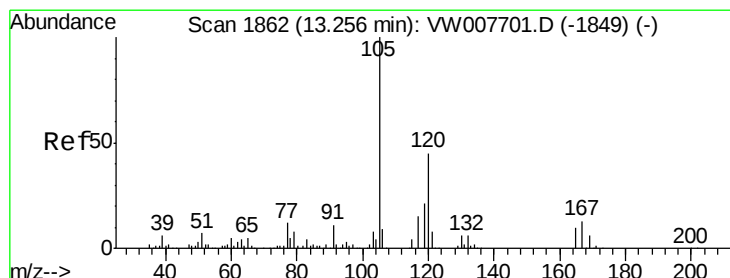
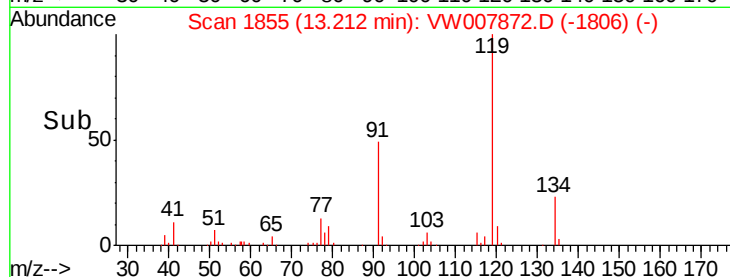
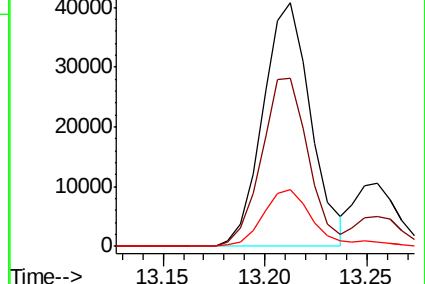
134 24.9 12.8 38.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.373 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW007872.D

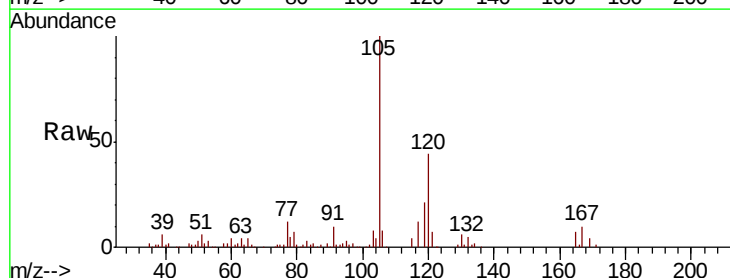
Acq: 23 Dec 2018 05:42

Tgt Ion:105 Resp: 78373

Ion Ratio Lower Upper

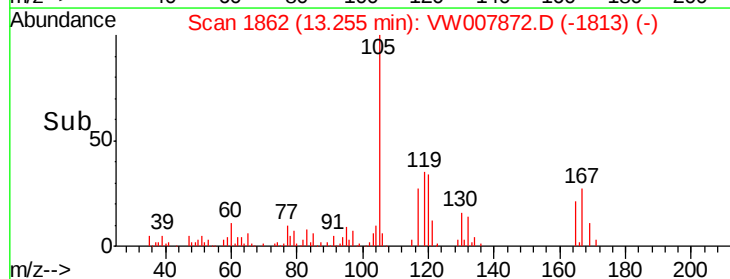
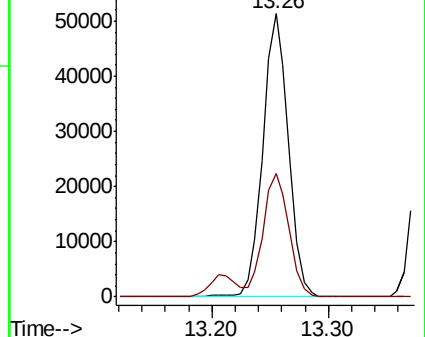
105 100

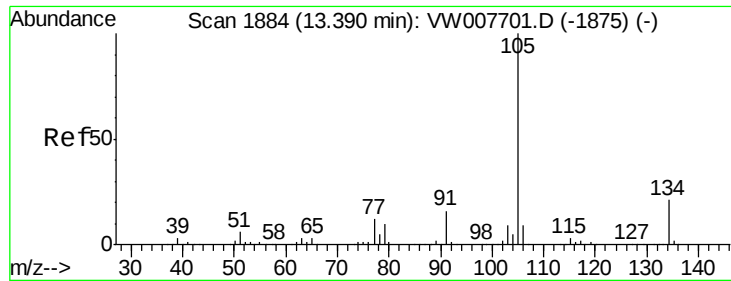
120 43.3 22.0 66.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

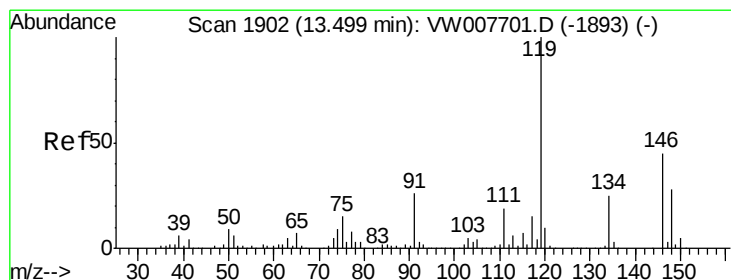
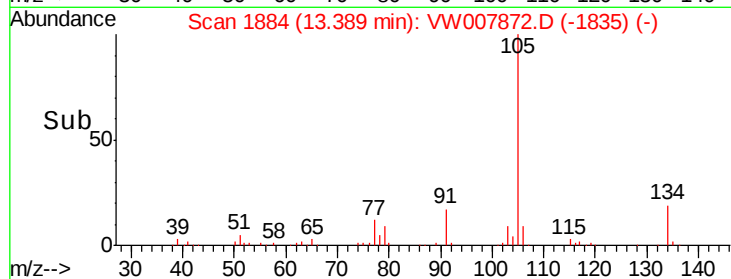
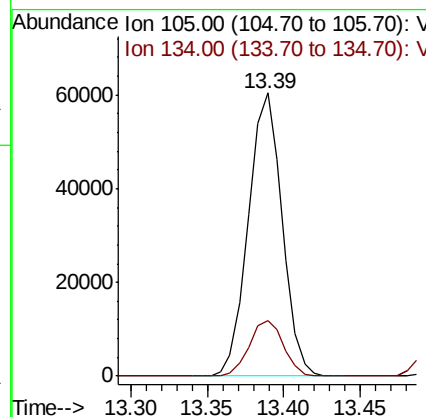
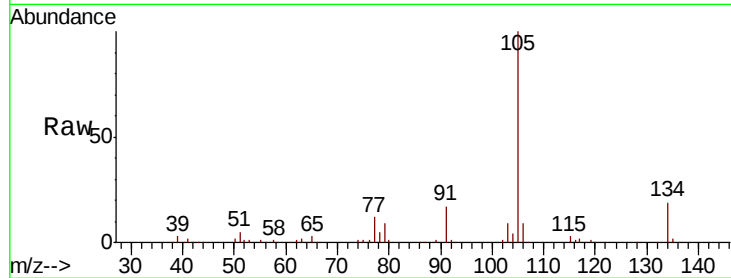




#85
 sec-Butylbenzene
 Concen: 21.084 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

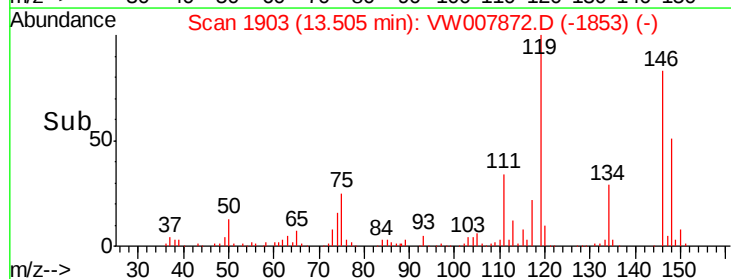
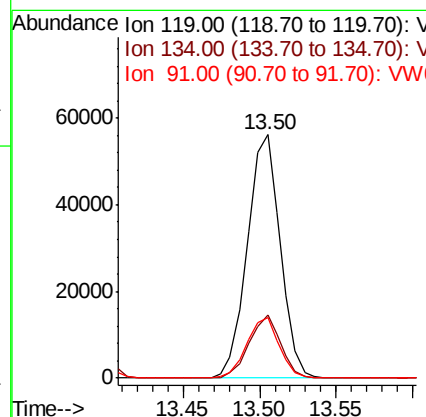
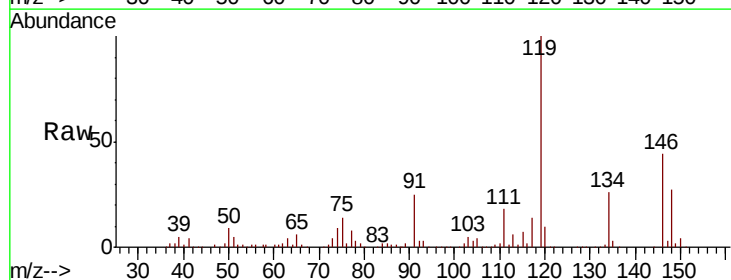
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBSD02

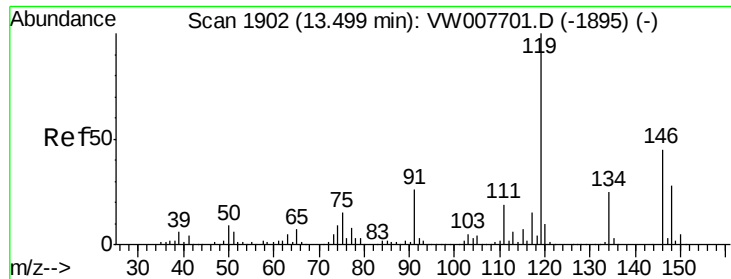
Tgt Ion:105 Resp: 92649
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 20.960 ug/l
 RT: 13.50 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Tgt Ion:119 Resp: 83755
 Ion Ratio Lower Upper
 119 100
 134 24.7 13.0 39.0
 91 24.5 12.8 38.4

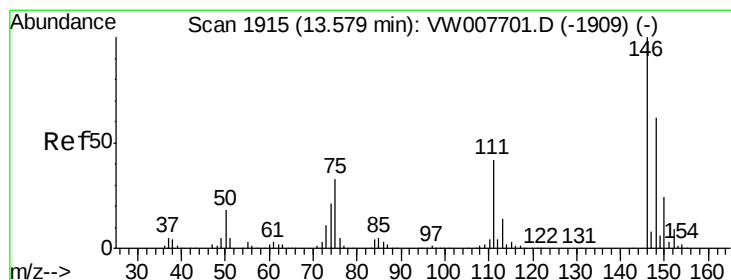
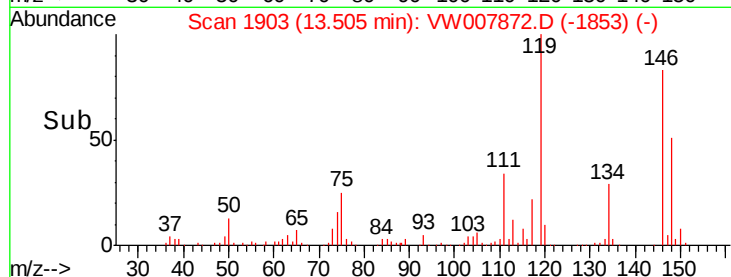
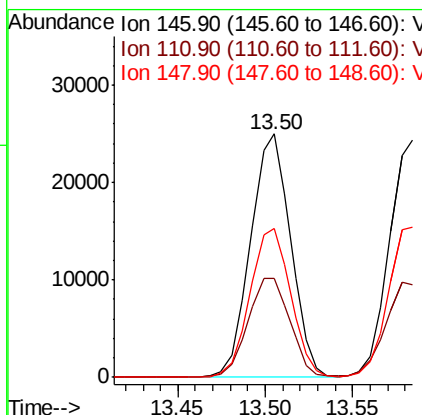
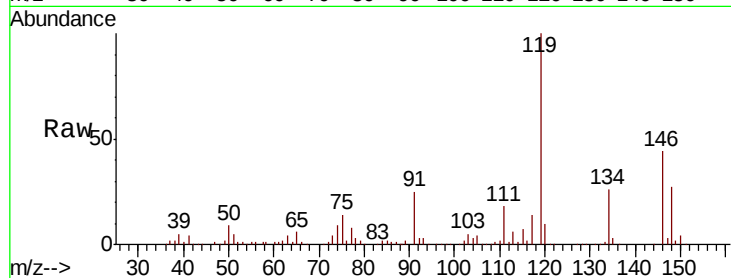




#87
 1,3-Dichlorobenzene
 Concen: 20.786 ug/l
 RT: 13.50 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

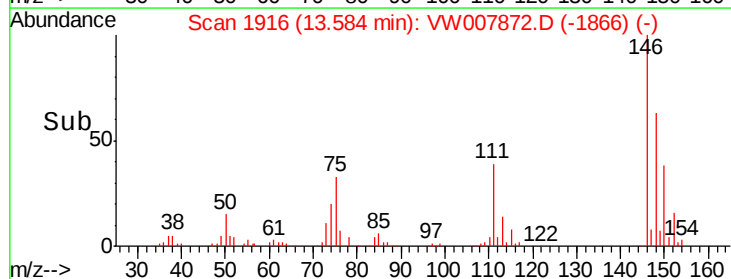
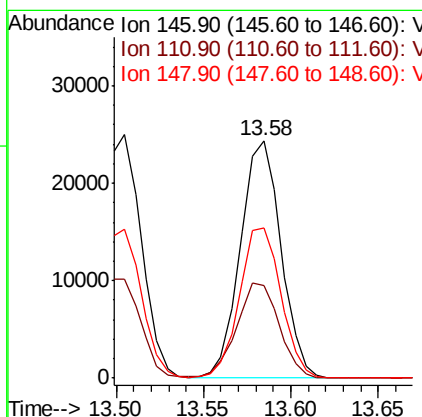
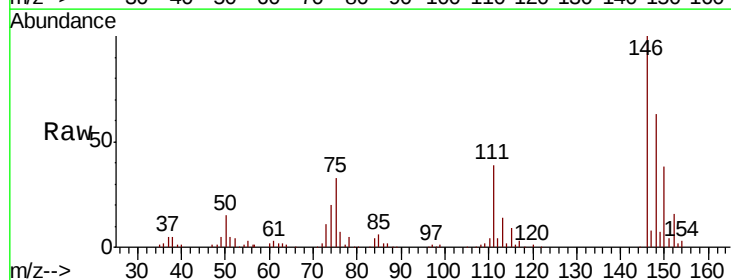
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBSD02

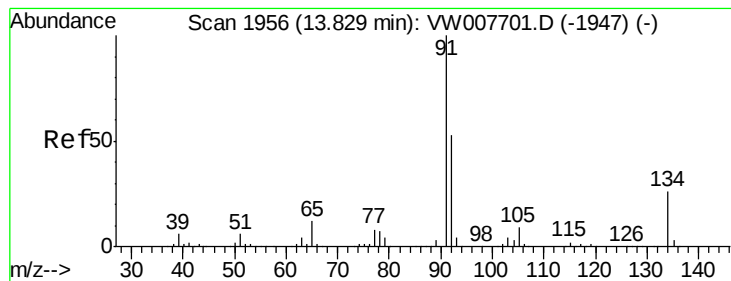
Tgt Ion:146 Resp: 39847
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.1 63.4
 148 62.1 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 20.544 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Tgt Ion:146 Resp: 39394
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.0 63.0
 148 64.9 31.8 95.4





#89

n-Butylbenzene

Concen: 20.936 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBSD02

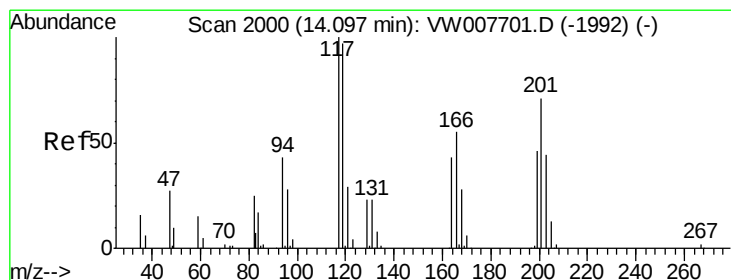
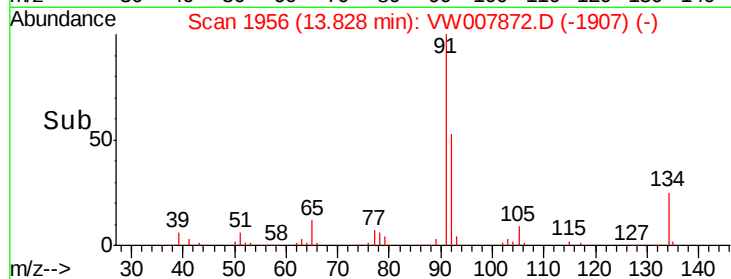
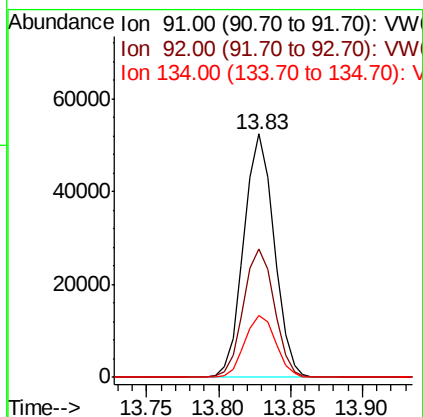
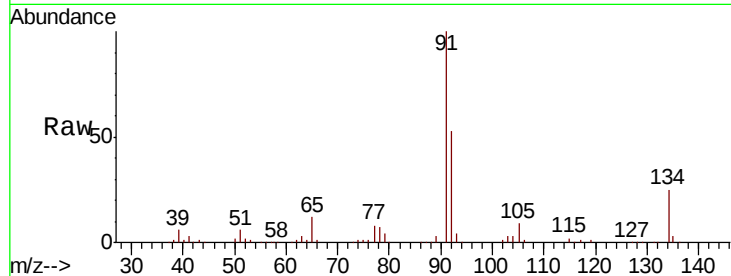
Tgt Ion: 91 Resp: 76703

Ion Ratio Lower Upper

91 100

92 53.7 26.4 79.2

134 26.0 13.7 41.0



#90

Hexachloroethane

Concen: 17.080 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007872.D

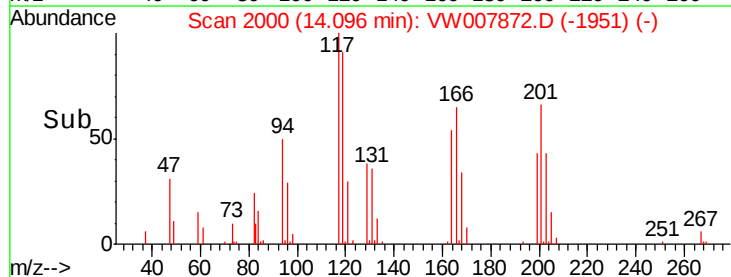
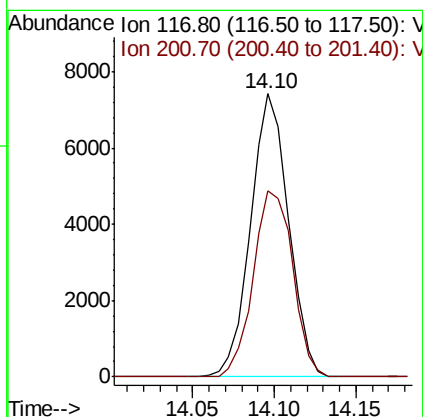
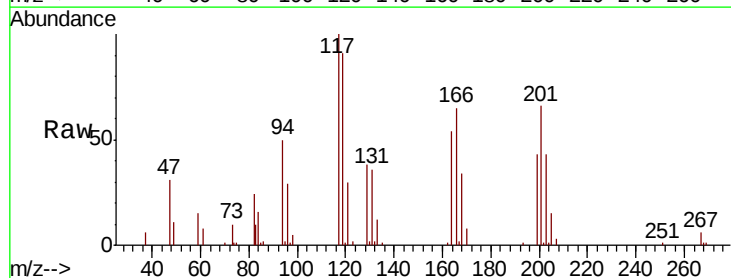
Acq: 23 Dec 2018 05:42

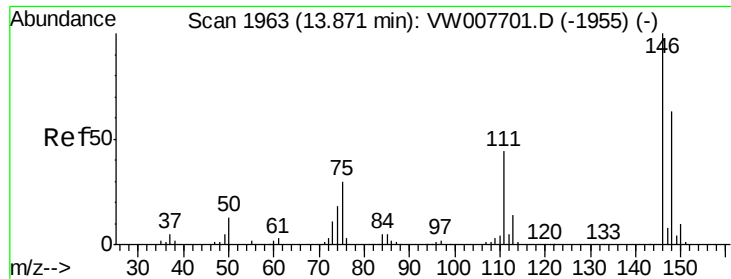
Tgt Ion: 117 Resp: 11982

Ion Ratio Lower Upper

117 100

201 68.2 36.2 108.6





#91

1,2-Dichlorobenzene

Concen: 20.728 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.01 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBSD02

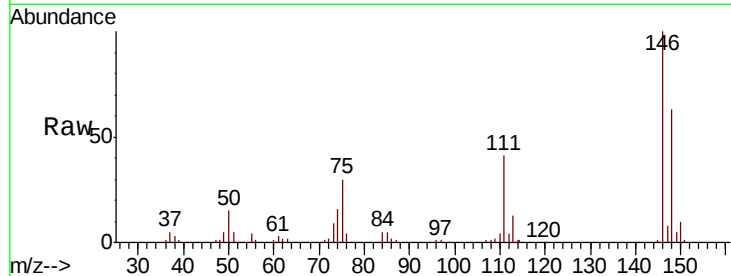
Tgt Ion:146 Resp: 35577

Ion Ratio Lower Upper

146 100

111 43.1 21.7 65.1

148 63.9 32.1 96.5

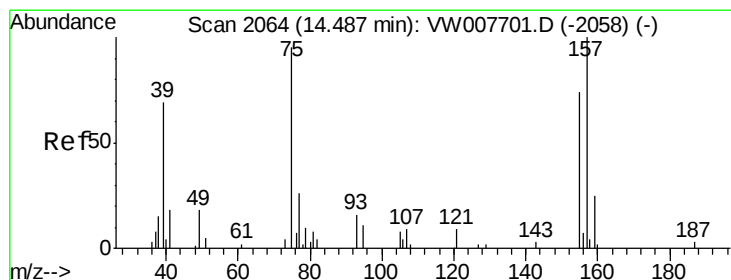
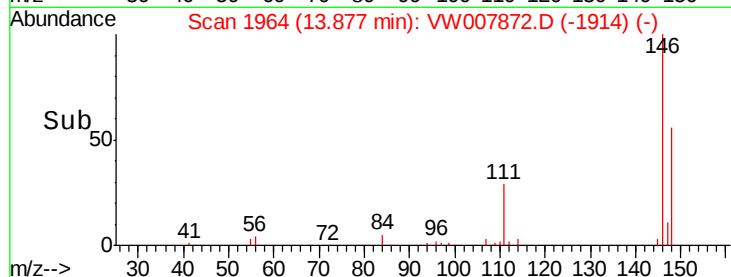
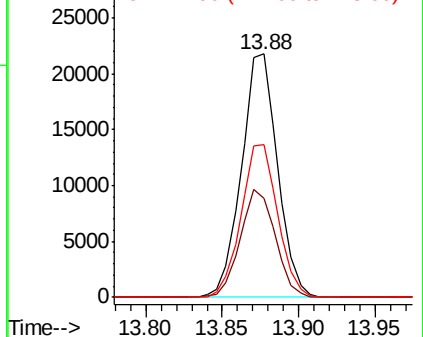


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.933 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.01 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

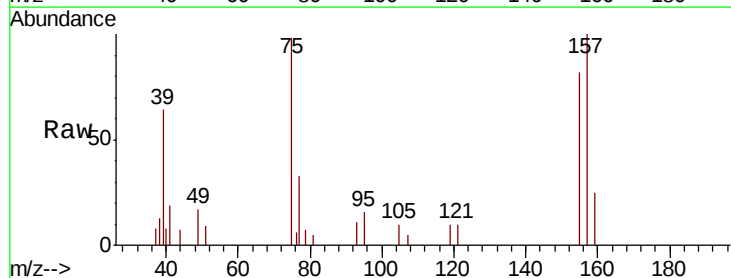
Tgt Ion: 75 Resp: 2456

Ion Ratio Lower Upper

75 100

155 80.0 39.4 118.1

157 101.3 52.0 156.0

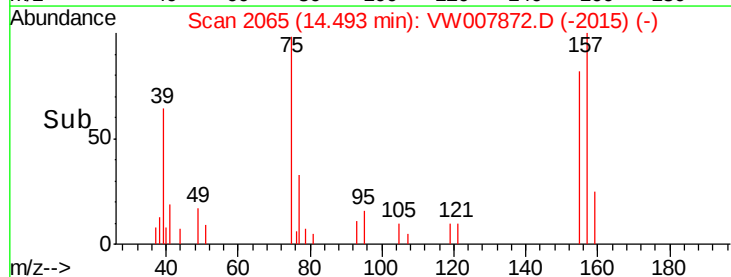
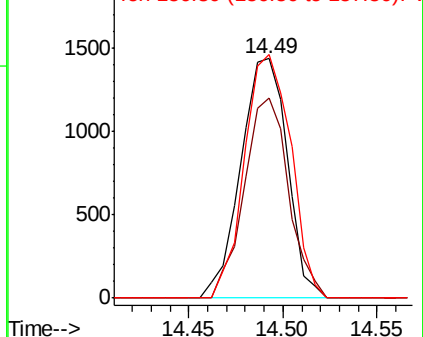


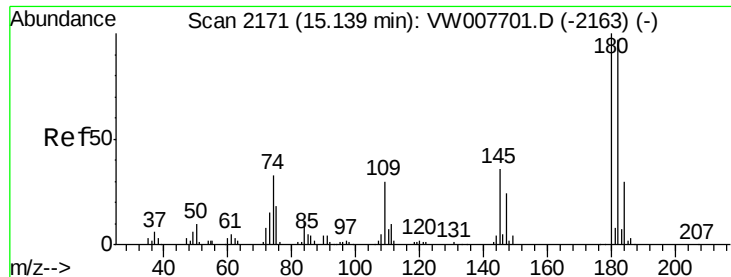
Abundance

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

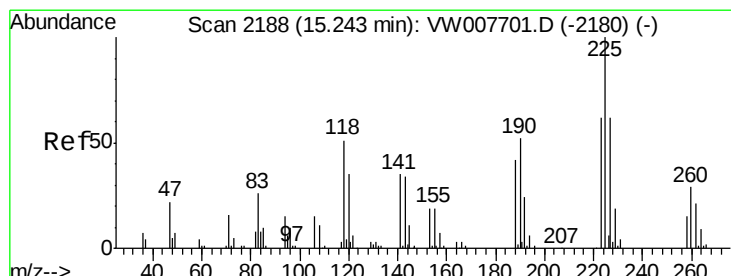
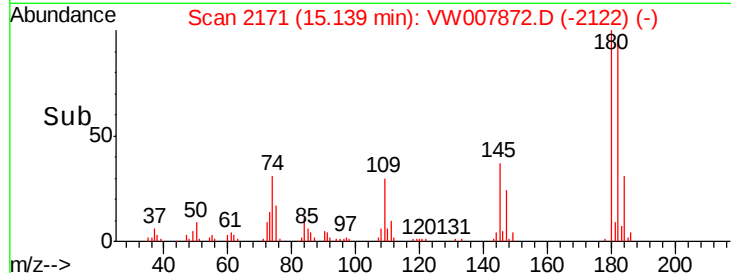
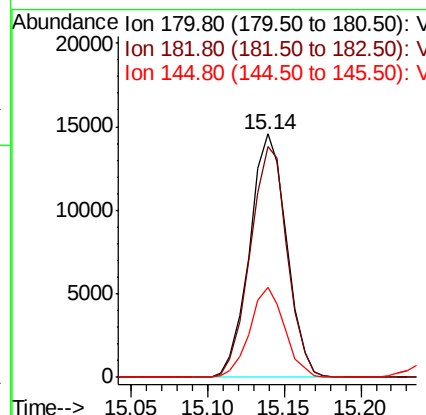
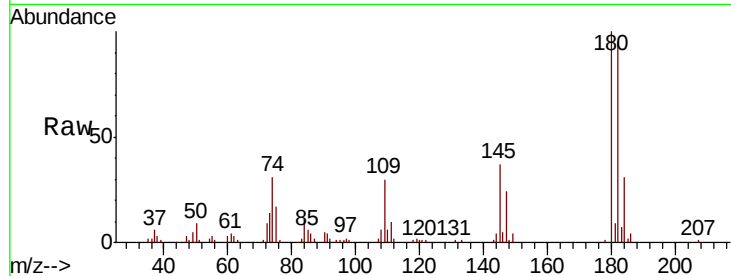




#93
 1,2,4-Trichlorobenzene
 Concen: 20.550 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

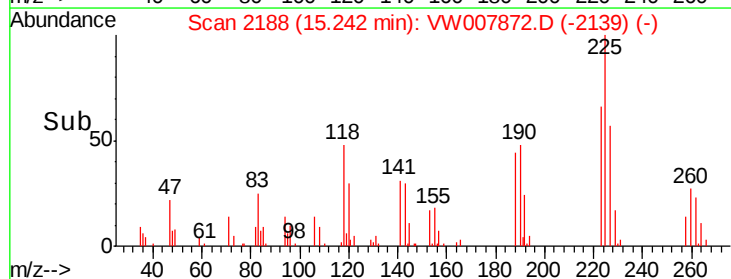
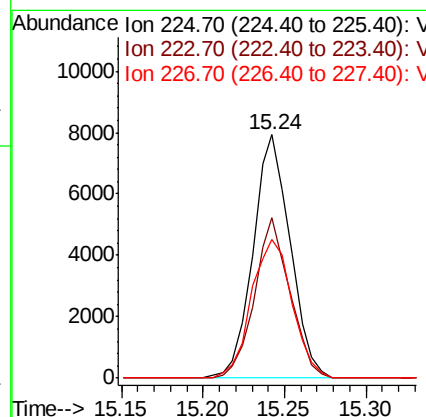
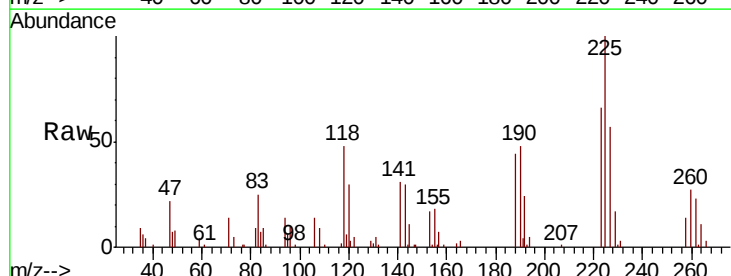
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBS02

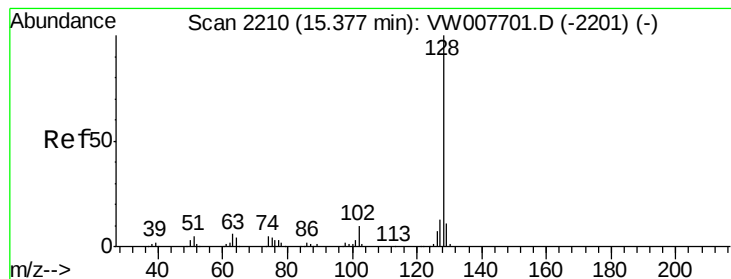
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.5	142.6
145	34.9	17.5	52.5



#94
 Hexachlorobutadiene
 Concen: 19.706 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007872.D
 Acq: 23 Dec 2018 05:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.6	94.8
227	62.7	32.1	96.3





#95

Naphthalene

Concen: 21.947 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBSD02

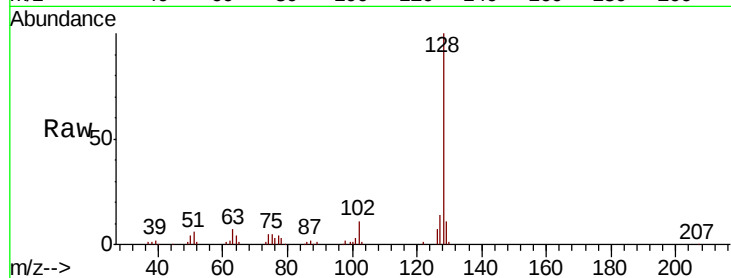
Tgt Ion:128 Resp: 48343

Ion Ratio Lower Upper

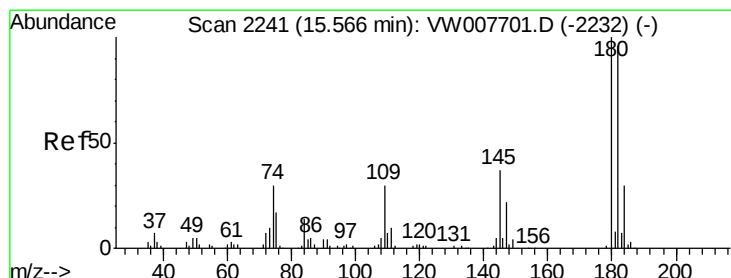
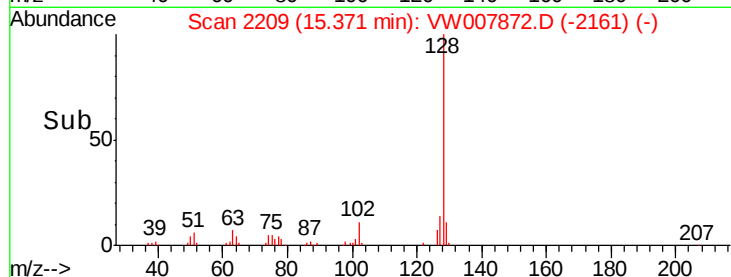
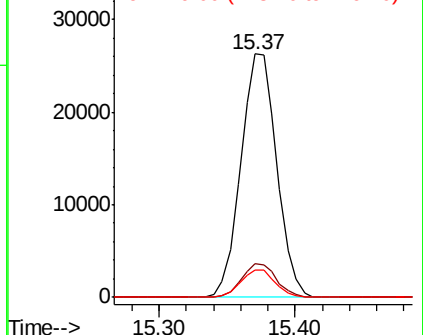
128 100

127 13.5 10.7 16.1

129 11.0 8.8 13.2



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



#96

1,2,3-Trichlorobenzene

Concen: 20.563 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.01 min

Lab File: VW007872.D

Acq: 23 Dec 2018 05:42

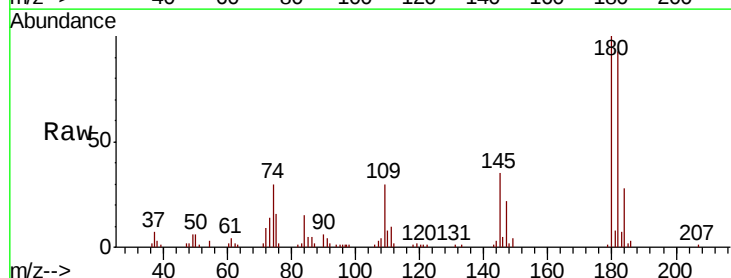
Tgt Ion:180 Resp: 20971

Ion Ratio Lower Upper

180 100

182 95.2 47.4 142.2

145 36.0 18.4 55.0



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

