

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004308.D
 Acq On : 29 Jul 2018 12:12
 Operator : SY/AP
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 30 01:29:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 30 01:27:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	201667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	291455	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	261913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	141369	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	18949	9.31	ug/l	0.00
Spiked Amount			Recovery	=	18.62%	
35) Dibromofluoromethane	7.88	113	17613	9.56	ug/l	0.00
Spiked Amount			Recovery	=	19.12%	
50) Toluene-d8	10.33	98	67829	9.32	ug/l	0.00
Spiked Amount			Recovery	=	18.64%	
62) 4-Bromofluorobenzene	12.63	95	24337	9.50	ug/l	0.00
Spiked Amount			Recovery	=	19.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	8604	12.038	ug/l	98
3) Chloromethane	2.21	50	15495	13.698	ug/l	94
4) Vinyl Chloride	2.36	62	26624	13.677	ug/l	98
5) Bromomethane	2.78	94	15697	12.207	ug/l	99
6) Chloroethane	2.92	64	14172	11.597	ug/l	93
7) Trichlorofluoromethane	3.25	101	14941	12.829	ug/l	93
8) Diethyl Ether	3.68	74	12791	12.533	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	19522	9.666	ug/l	97
10) Methyl Iodide	4.26	142	27946	9.249	ug/l	99
11) Tert butyl alcohol	5.17	59	6020	40.337	ug/l #	93
12) 1,1-Dichloroethene	4.03	96	18226	9.031	ug/l	89
13) Acrolein	3.89	56	5458	41.260	ug/l	99
14) Allyl chloride	4.66	41	25464	7.848	ug/l	93
15) Acrylonitrile	5.37	53	18714	40.833	ug/l	99
16) Acetone	4.12	43	19112	40.999	ug/l	100
17) Carbon Disulfide	4.37	76	56298	9.022	ug/l	98
18) Methyl Acetate	4.67	43	8227	6.860	ug/l #	90
19) Methyl tert-butyl Ether	5.43	73	31276	8.703	ug/l	96
20) Methylene Chloride	4.91	84	19646	9.055	ug/l	91
21) trans-1,2-Dichloroethene	5.42	96	19107	8.877	ug/l	96
22) Diisopropyl ether	6.31	45	49547	8.114	ug/l #	92
23) Vinyl Acetate	6.26	43	138734	39.160	ug/l	95
24) 1,1-Dichloroethane	6.21	63	33263	8.458	ug/l	98
25) 2-Butanone	7.18	43	23170	41.010	ug/l	90
26) 2,2-Dichloropropane	7.17	77	23385	10.249	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	20664	9.434	ug/l	96
28) Bromochloromethane	7.51	49	12233	8.876	ug/l #	82
29) Tetrahydrofuran	7.53	42	14274	39.482	ug/l	93
30) Chloroform	7.68	83	36904	9.824	ug/l	98
31) Cyclohexane	7.95	56	31685	9.124	ug/l #	83
32) 1,1,1-Trichloroethane	7.87	97	30920	10.023	ug/l	98
36) 1,1-Dichloropropene	8.09	75	28824	9.886	ug/l	98
37) Ethyl Acetate	7.26	43	10030	8.395	ug/l #	93
38) Carbon Tetrachloride	8.07	117	30286	10.519	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	33258	9.466	ug/l	98
40) Benzene	8.32	78	79270	9.664	ug/l	100
41) Methacrylonitrile	7.48	41	4924	7.137	ug/l #	73
42) 1,2-Dichloroethane	8.40	62	24263	10.347	ug/l	100
43) Isopropyl Acetate	8.43	43	19667	9.133	ug/l	98
44) Trichloroethene	9.09	130	22810	10.301	ug/l	91
45) 1,2-Dichloropropane	9.37	63	18640	9.158	ug/l	89
46) Dibromomethane	9.46	93	10087	9.705	ug/l	95
47) Bromodichloromethane	9.65	83	25633	9.724	ug/l	97
48) Methyl methacrylate	9.44	41	9118	8.314	ug/l #	89
49) 1,4-Dioxane	9.45	88	2716	172.383	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	50180	42.460	ug/l	100
52) Toluene	10.39	92	50233	9.754	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	24608	9.320	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	28808	9.359	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	14384	9.713	ug/l	94
56) Ethyl methacrylate	10.65	69	15387	8.587	ug/l	97
57) 1,3-Dichloropropane	10.93	76	23398	9.274	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	35120	44.119	ug/l	96
59) 2-Hexanone	10.97	43	33767	41.611	ug/l	100
60) Dibromochloromethane	11.13	129	17964	10.138	ug/l	98
61) 1,2-Dibromoethane	11.24	107	13602	9.632	ug/l	98
64) Tetrachloroethene	10.87	164	19806	10.322	ug/l	98
65) Chlorobenzene	11.66	112	54500	9.908	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	20094	10.357	ug/l	96
67) Ethyl Benzene	11.74	91	92844	9.683	ug/l	96
68) m/p-Xylenes	11.85	106	72162	19.557	ug/l	100
69) o-Xylene	12.17	106	32783	9.616	ug/l	98
70) Styrene	12.19	104	55332	9.607	ug/l	99
71) Bromoform	12.35	173	10715	9.855	ug/l #	99
73) Isopropylbenzene	12.47	105	93153	9.503	ug/l	98
74) N-amyl acetate	12.28	43	16987	7.997	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.72	83	16043	9.343	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	20931	9.715	ug/l #	100
77) Bromobenzene	12.76	156	23538	9.938	ug/l	89
78) n-propylbenzene	12.81	91	113065	9.468	ug/l	97
79) 2-Chlorotoluene	12.90	91	65552	9.597	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	82921	9.819	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	4826	8.704	ug/l	90
82) 4-Chlorotoluene	12.99	91	72469	10.027	ug/l	97
83) tert-Butylbenzene	13.21	119	70850	10.071	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	83000	9.637	ug/l	100
85) sec-Butylbenzene	13.39	105	99342	9.667	ug/l	96
86) p-Isopropyltoluene	13.51	119	91301	9.893	ug/l	97
87) 1,3-Dichlorobenzene	13.51	146	47790	10.081	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	49705	10.509	ug/l	98
89) n-Butylbenzene	13.83	91	81889	9.502	ug/l	99
90) Hexachloroethane	14.10	117	16616	10.094	ug/l	93
91) 1,2-Dichlorobenzene	13.88	146	42714	10.066	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2947	9.832	ug/l	96

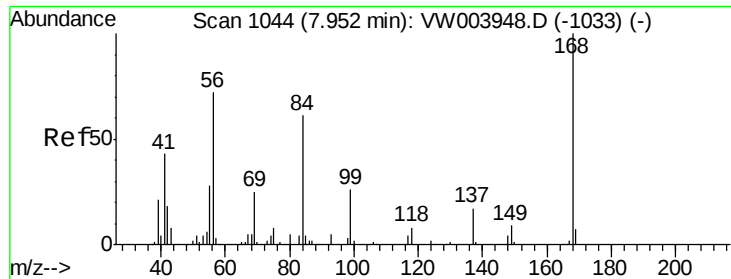
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	30884	10.365	ug/l	99
94) Hexachlorobutadiene	15.24	225	20429	11.222	ug/l	97
95) Naphthalene	15.38	128	48249	9.412	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	27469	10.536	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

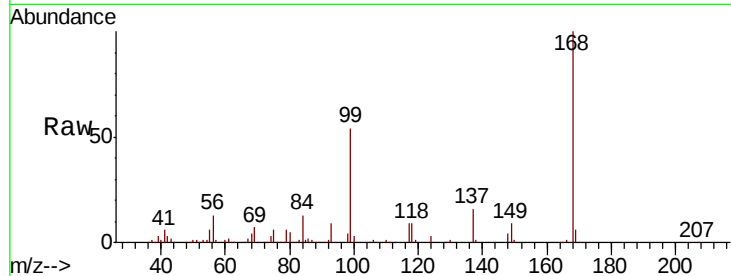
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 201667

Ion Ratio Lower Upper

168 100

99 53.6 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

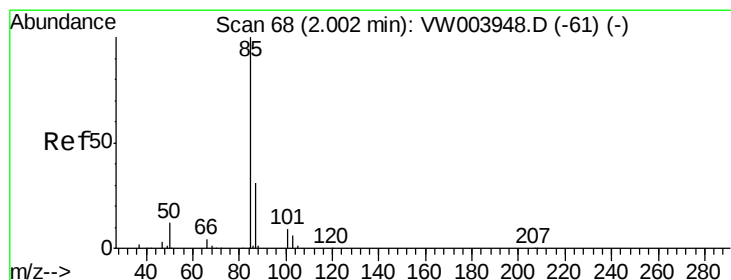
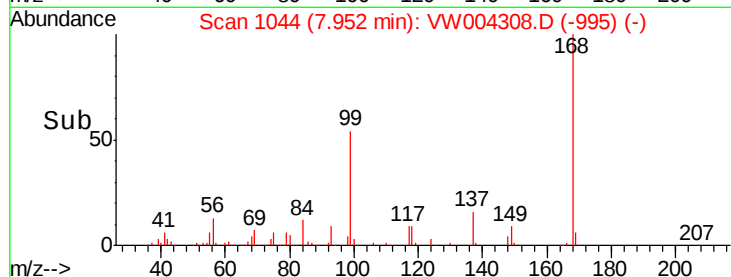
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 12.038 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW004308.D

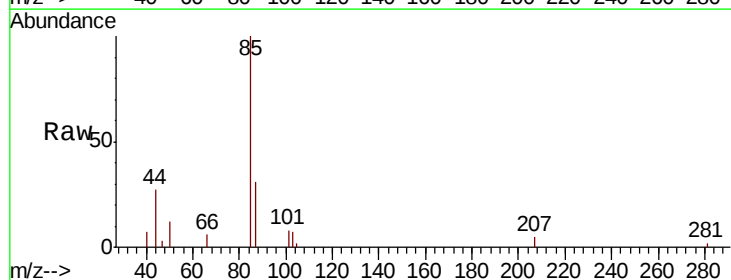
Acq: 29 Jul 2018 12:12

Tgt Ion: 85 Resp: 8604

Ion Ratio Lower Upper

85 100

87 30.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

3000

2500

2000

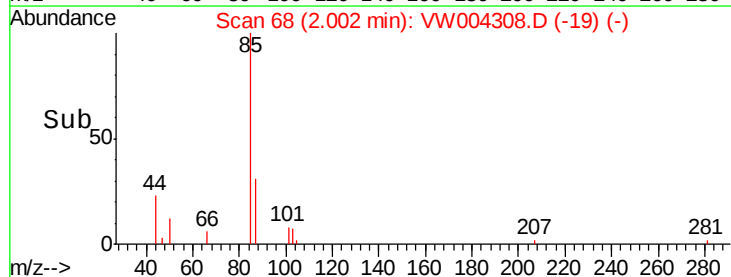
1500

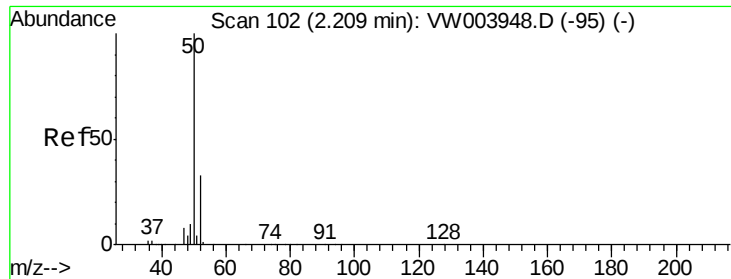
1000

500

0

Time-->





#3

Chloromethane

Concen: 13.698 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Instrument :

MSVOA_W

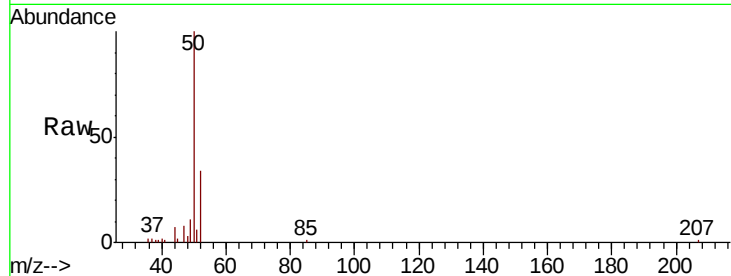
ClientSampled :

Tot Ion: 50 Resp: 15495

Ion Ratio Lower Upper

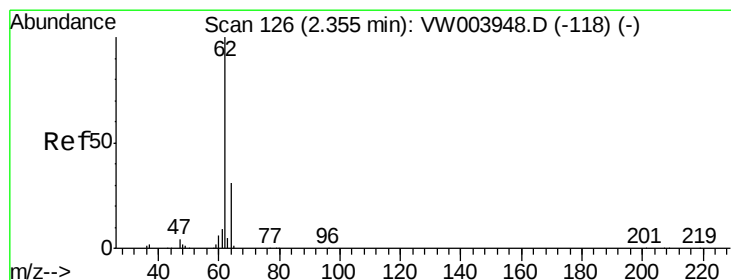
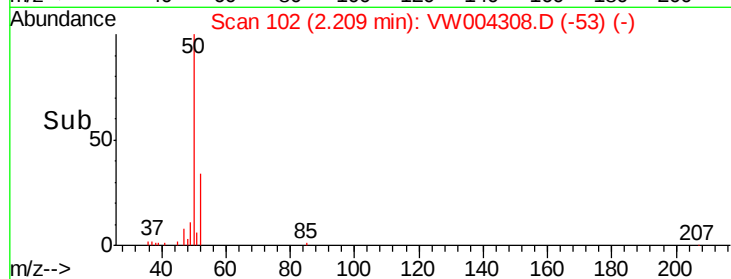
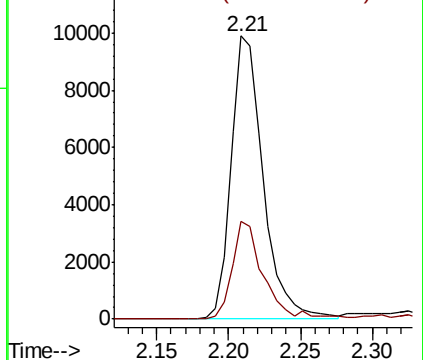
50 100

52 34.4 24.8 37.2



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 13.677 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW004308.D

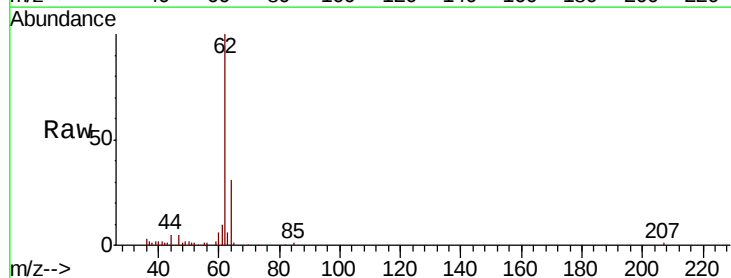
Acq: 29 Jul 2018 12:12

Tgt Ion: 62 Resp: 26624

Ion Ratio Lower Upper

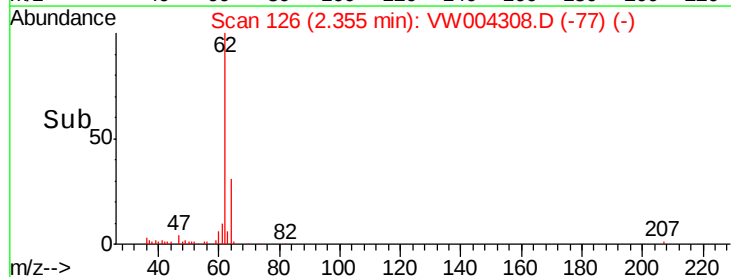
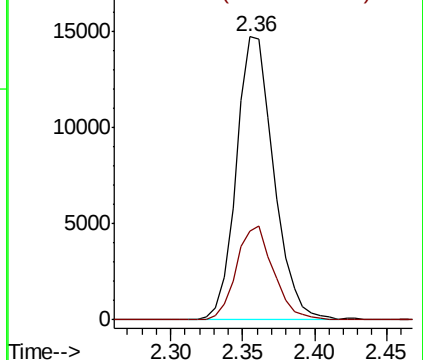
62 100

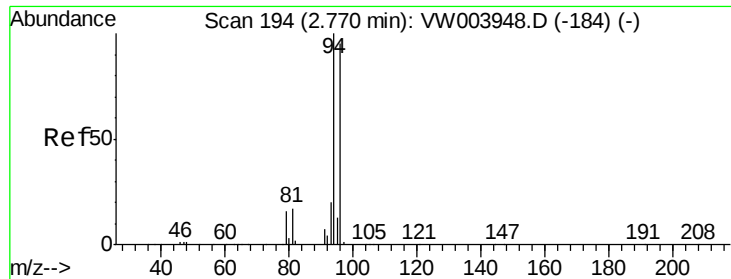
64 31.3 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 12.207 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Instrument :

MSVOA_W

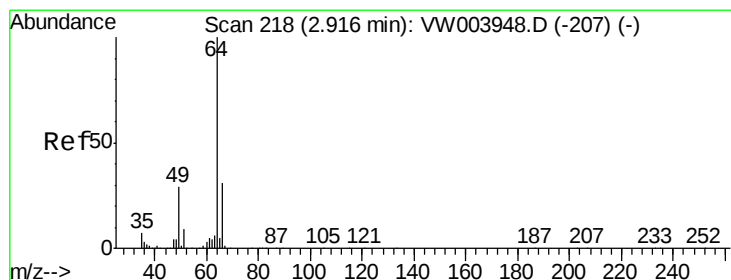
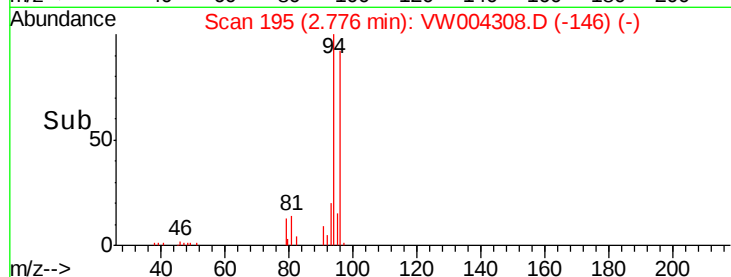
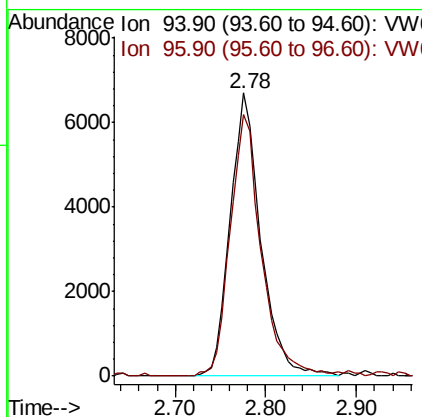
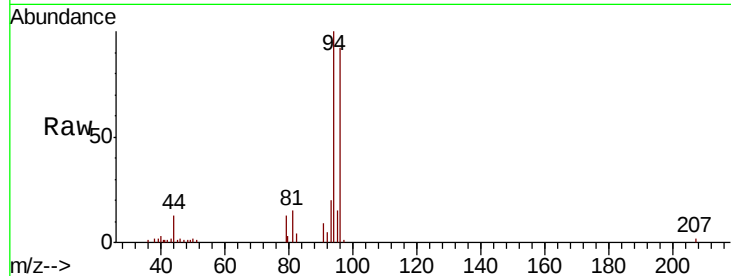
ClientSampleId :

Tot Ion: 94 Resp: 15697

Ion Ratio Lower Upper

94 100

96 92.3 73.3 109.9



#6

Chloroethane

Concen: 11.597 ug/l

RT: 2.92 min Scan# 219

Delta R.T. -0.00 min

Lab File: VW004308.D

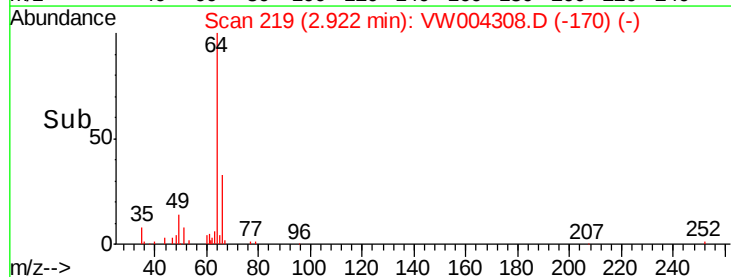
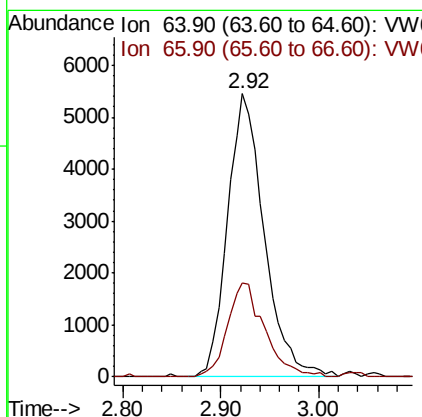
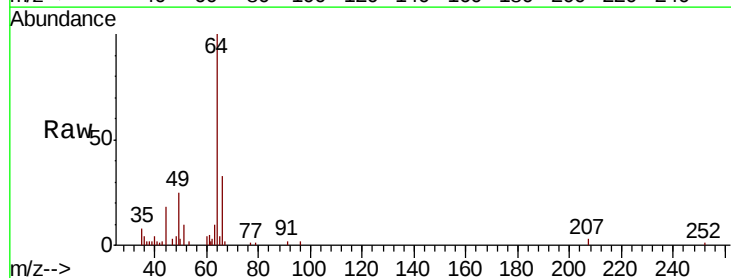
Acq: 29 Jul 2018 12:12

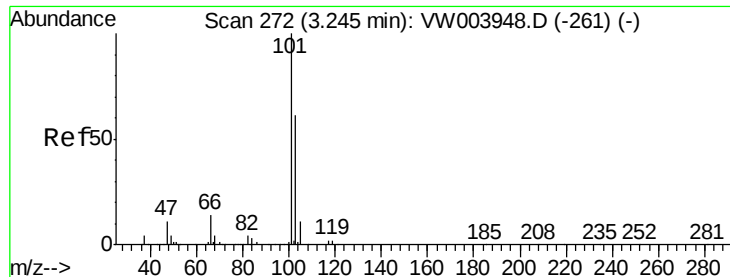
Tgt Ion: 64 Resp: 14172

Ion Ratio Lower Upper

64 100

66 33.3 23.7 35.5



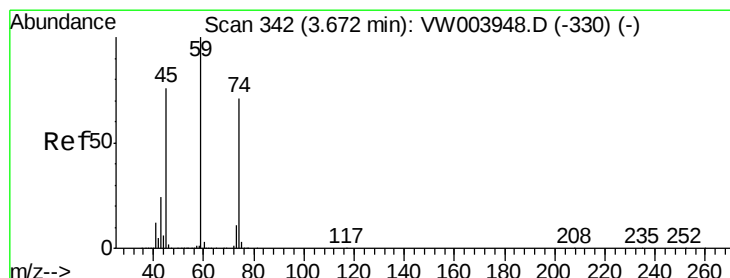
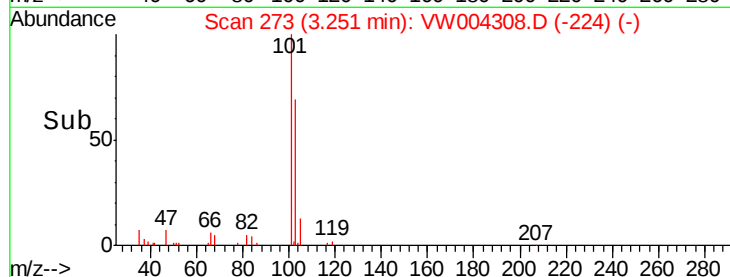
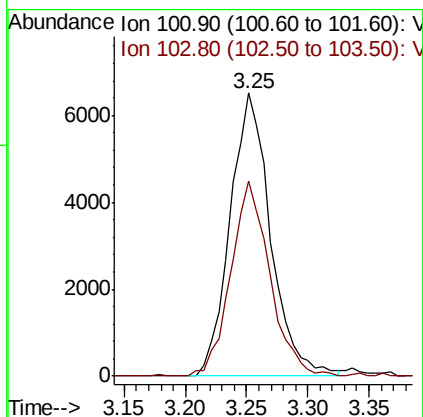
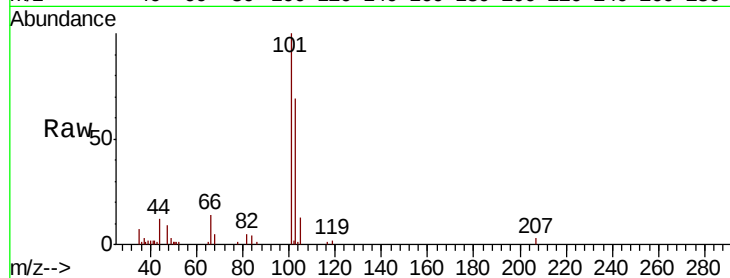


#7

Trichlorofluoromethane
 Concen: 12.829 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. -0.00 min
 Lab File: VW004308.D
 Acq: 29 Jul 2018 12:12

Instrument :
 MSVOA_W
 ClientSampleId :

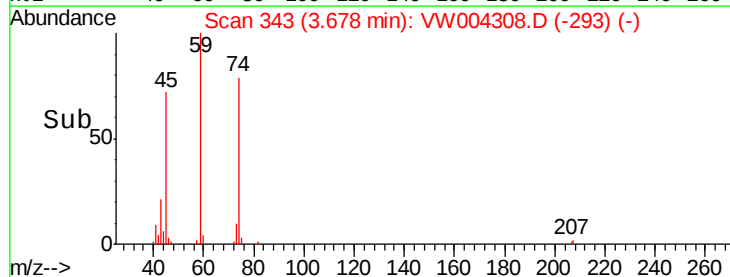
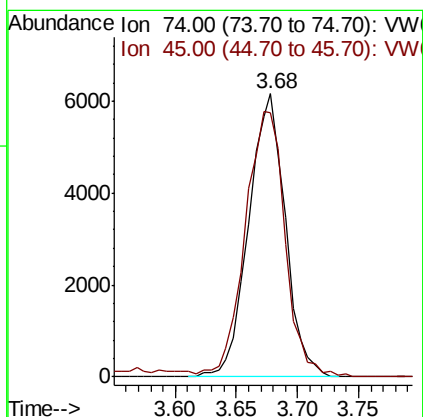
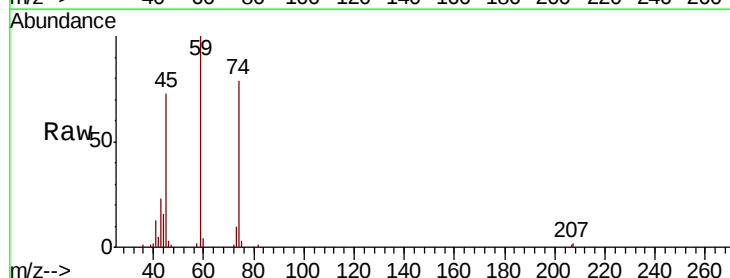
Tot Ion:101 Resp: 14941
 Ion Ratio Lower Upper
 101 100
 103 69.0 50.8 76.2

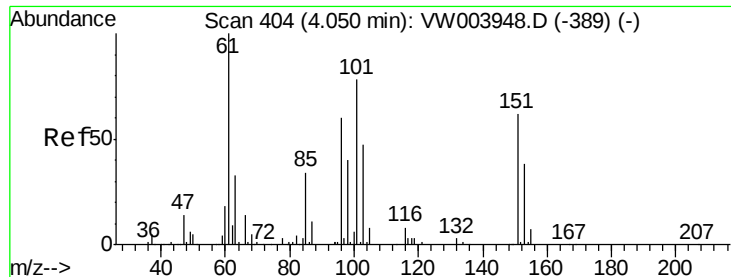


#8

Diethyl Ether
 Concen: 12.533 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.01 min
 Lab File: VW004308.D
 Acq: 29 Jul 2018 12:12

Tgt Ion: 74 Resp: 12791
 Ion Ratio Lower Upper
 74 100
 45 102.7 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 9.666 ug/l

RT: 4.06 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

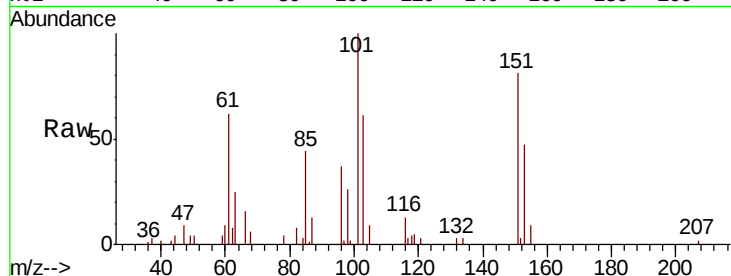
Tot Ion:101 Resp: 19522

Ion Ratio Lower Upper

101 100

85 40.5 35.5 53.3

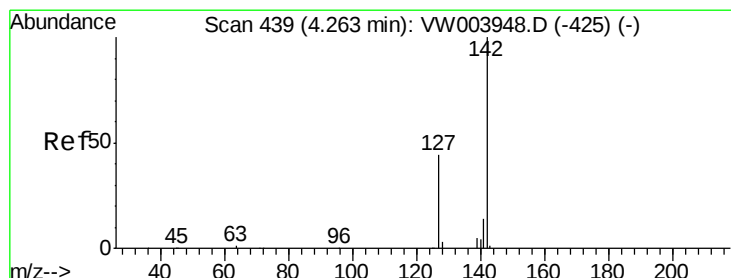
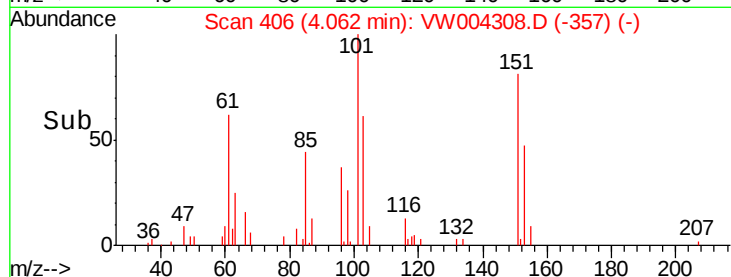
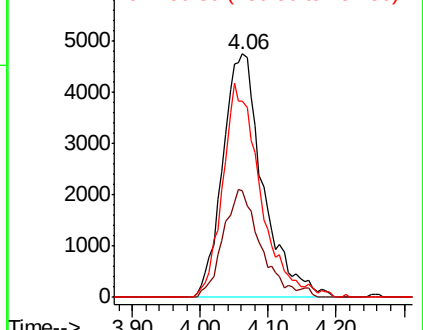
151 82.1 64.6 97.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 9.249 ug/l

RT: 4.26 min Scan# 439

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

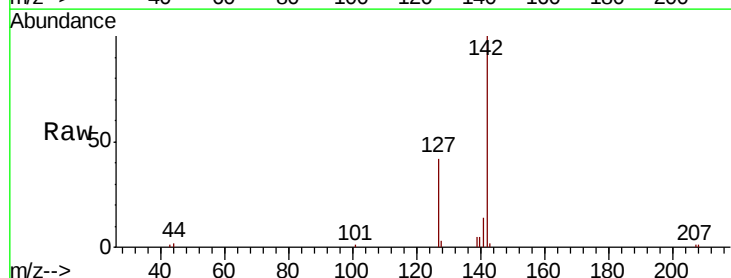
Tgt Ion:142 Resp: 27946

Ion Ratio Lower Upper

142 100

127 42.3 34.6 52.0

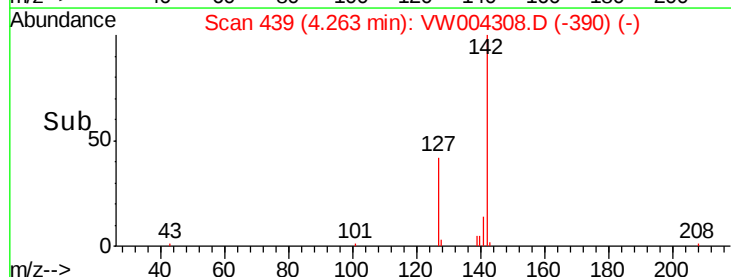
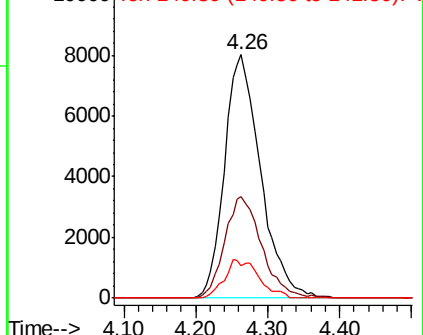
141 14.9 11.5 17.3

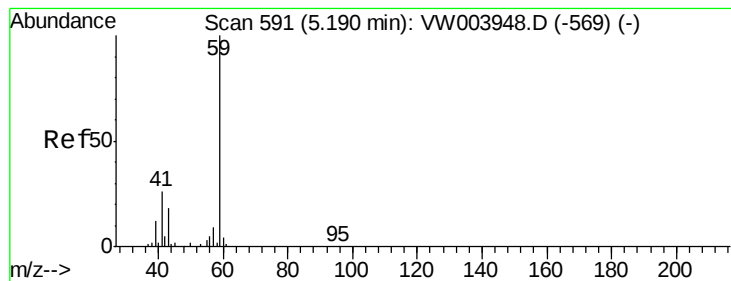


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



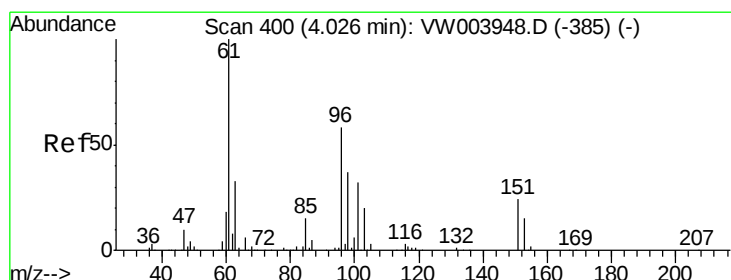
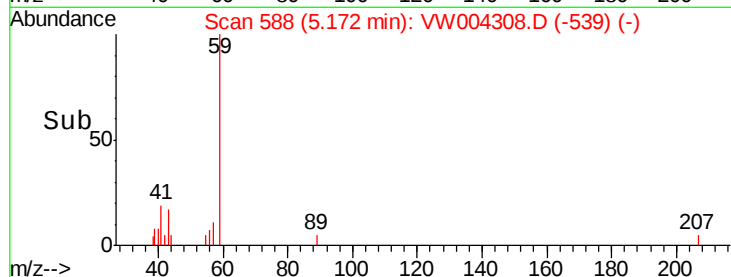
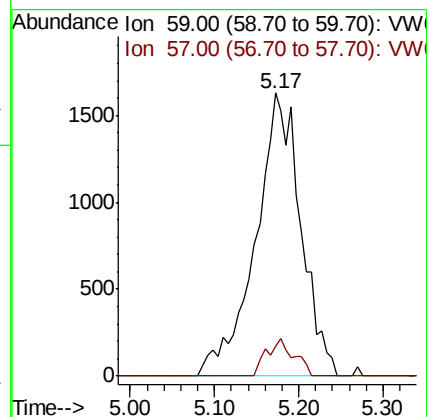
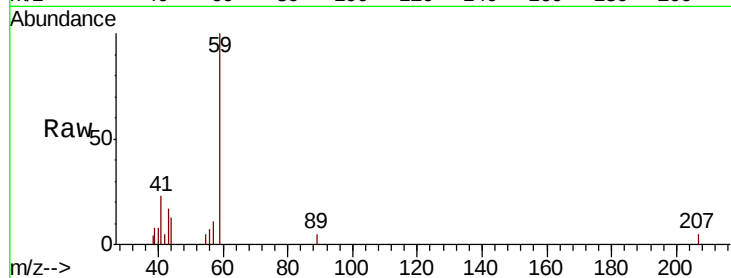


#11

Tert butyl alcohol
 Concen: 40.337 ug/l
 RT: 5.17 min Scan# 588
 Delta R.T. -0.00 min
 Lab File: VW004308.D
 Acq: 29 Jul 2018 12:12

Instrument :
 MSVOA_W
 ClientSampleId :

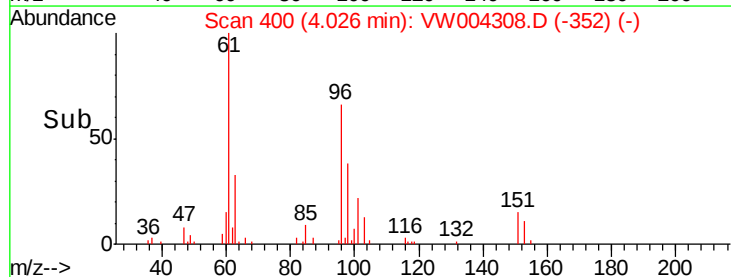
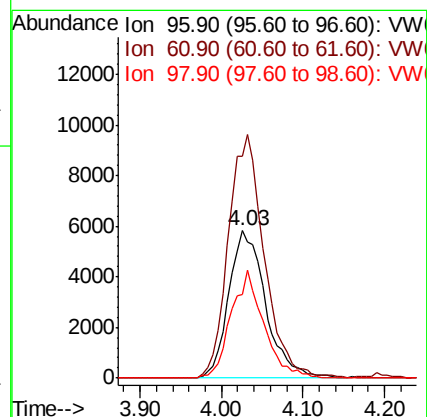
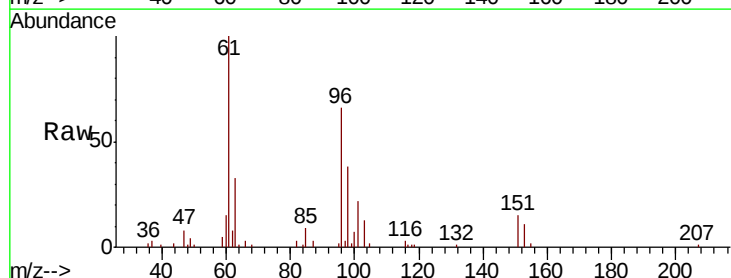
Tot Ion: 59 Resp: 6020
 Ion Ratio Lower Upper
 59 100
 57 8.0 8.4 12.6#

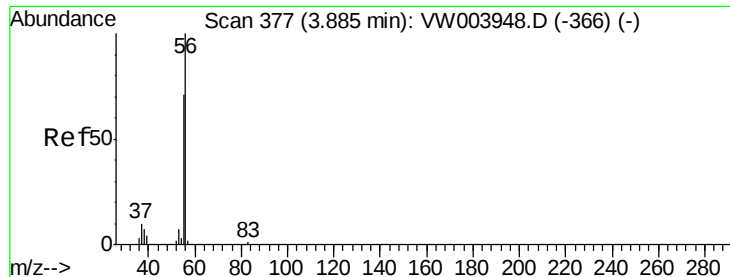


#12

1,1-Dichloroethene
 Concen: 9.031 ug/l
 RT: 4.03 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: VW004308.D
 Acq: 29 Jul 2018 12:12

Tgt Ion: 96 Resp: 18226
 Ion Ratio Lower Upper
 96 100
 61 150.7 133.4 200.0
 98 57.2 51.9 77.9





#13

Acrolein

Concen: 41.260 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.01 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Instrument :

MSVOA_W

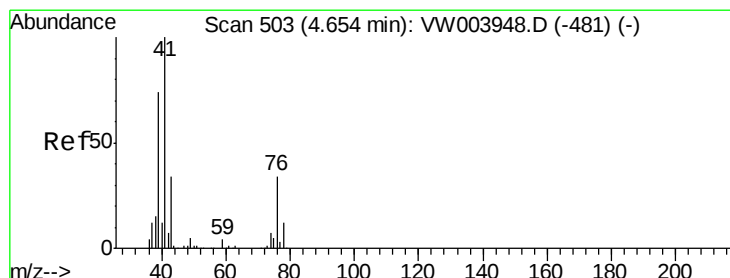
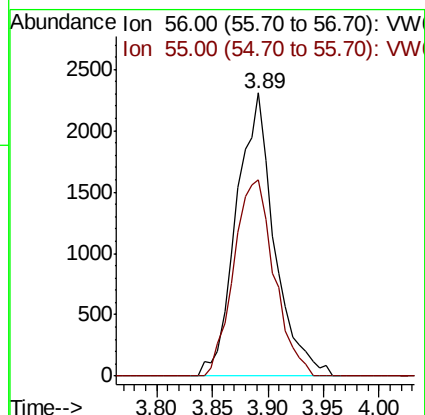
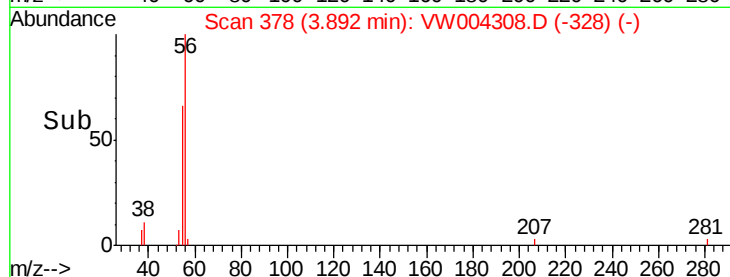
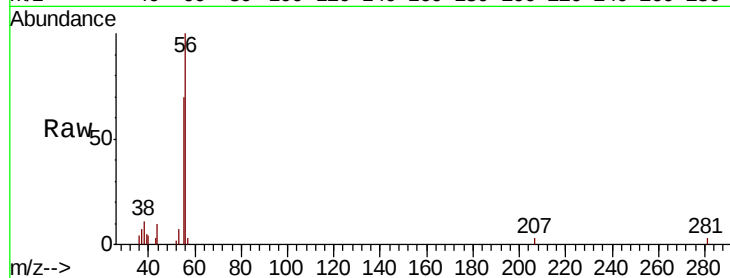
ClientSampled :

Tot Ion: 56 Resp: 5458

Ion Ratio Lower Upper

56 100

55 73.8 59.4 89.2



#14

Allyl chloride

Concen: 7.848 ug/l

RT: 4.66 min Scan# 504

Delta R.T. -0.01 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

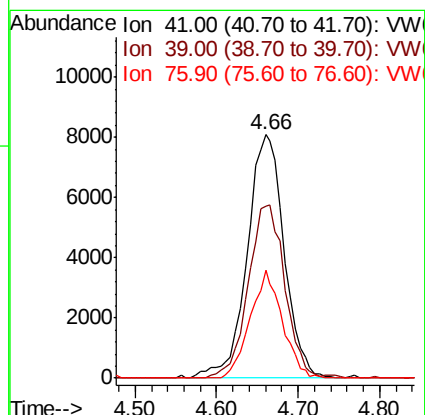
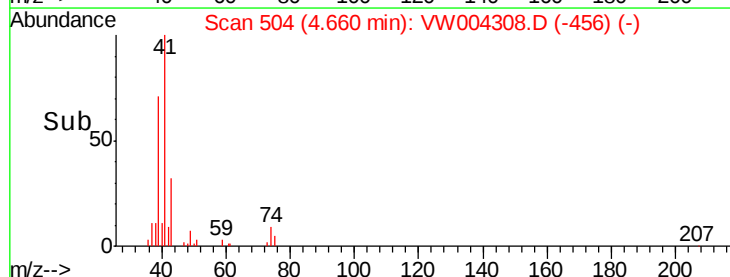
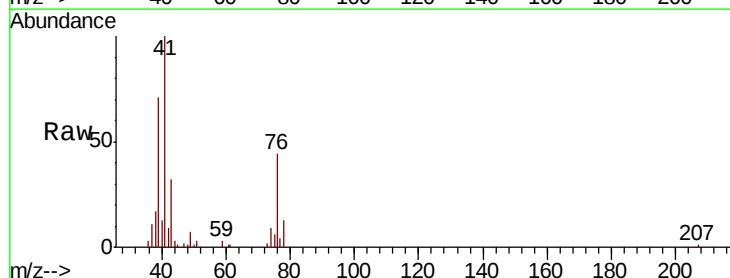
Tgt Ion: 41 Resp: 25464

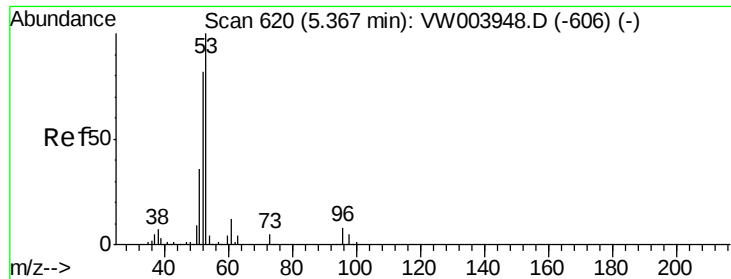
Ion Ratio Lower Upper

41 100

39 70.6 52.3 78.5

76 38.5 27.3 40.9





#15

Acrylonitrile

Concen: 40.833 ug/l

RT: 5.37 min Scan# 620

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Instrument :

MSVOA_W

ClientSampled :

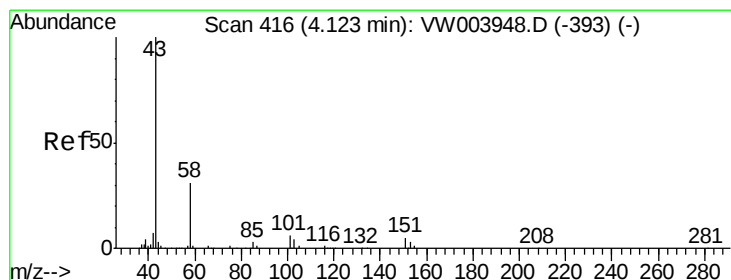
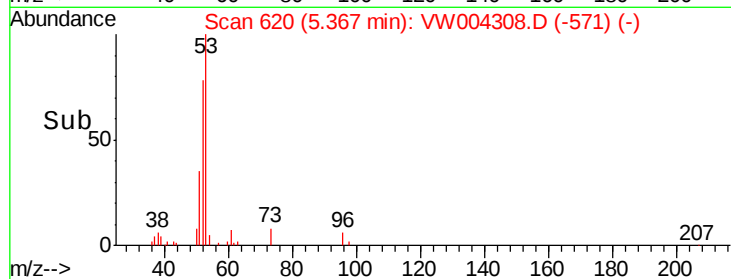
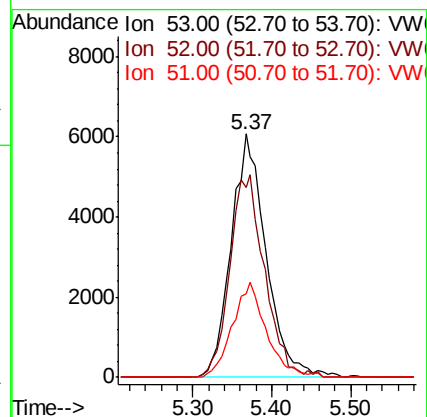
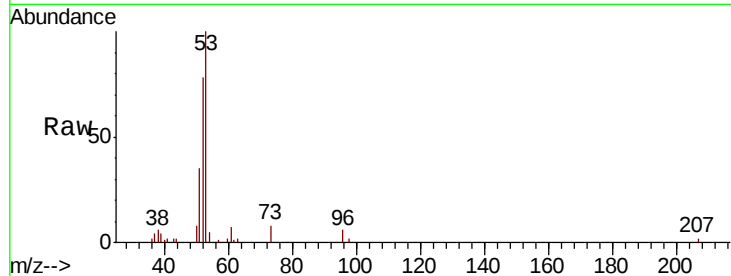
Tot Ion: 53 Resp: 18714

Ion Ratio Lower Upper

53 100

52 82.0 65.7 98.5

51 38.2 29.2 43.8



#16

Acetone

Concen: 40.999 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

Lab File: VW004308.D

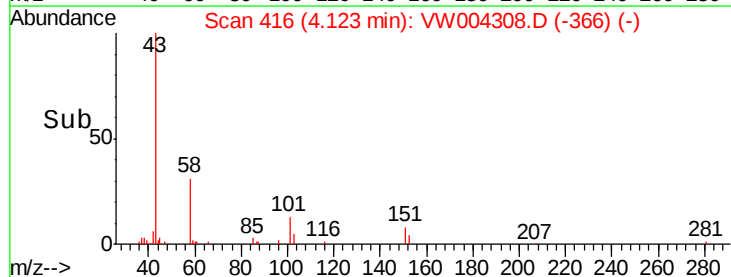
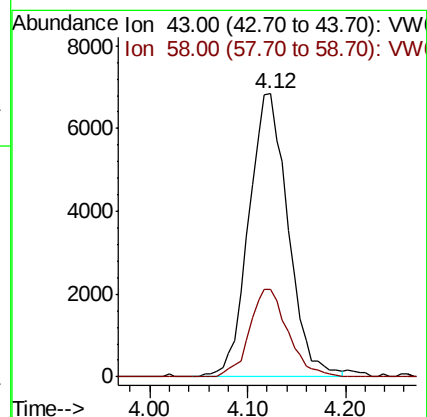
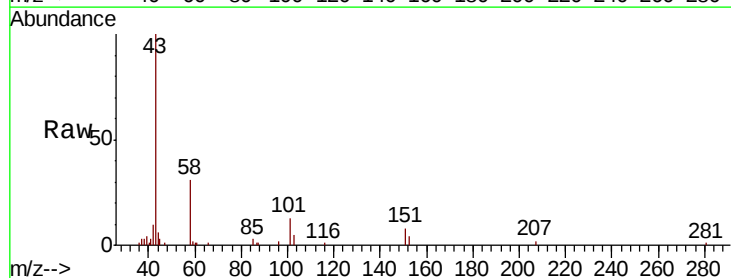
Acq: 29 Jul 2018 12:12

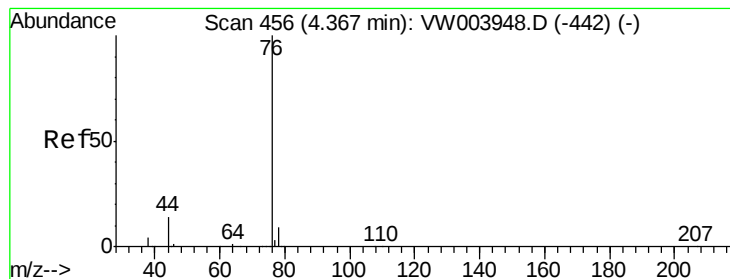
Tgt Ion: 43 Resp: 19112

Ion Ratio Lower Upper

43 100

58 30.8 24.8 37.2





#17

Carbon Disulfide

Concen: 9.022 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Instrument :

MSVOA_W

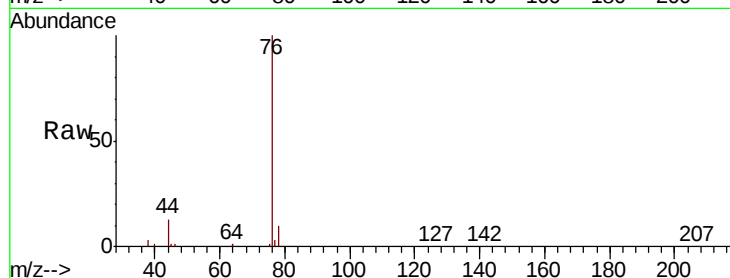
ClientSampled :

Tot Ion: 76 Resp: 56298

Ion Ratio Lower Upper

76 100

78 9.8 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.37

20000

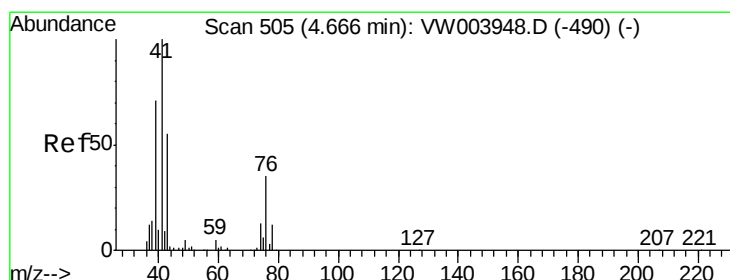
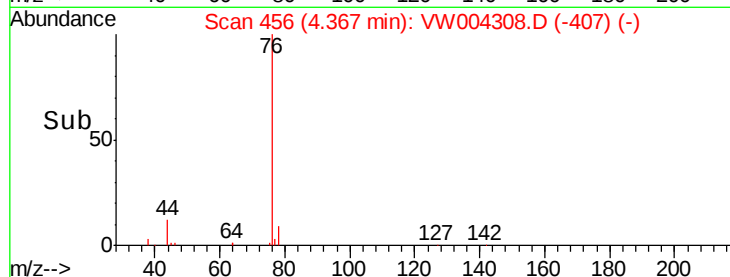
15000

10000

5000

0

Time--> 4.20 4.30 4.40 4.50



#18

Methyl Acetate

Concen: 6.860 ug/l

RT: 4.67 min Scan# 505

Delta R.T. -0.01 min

Lab File: VW004308.D

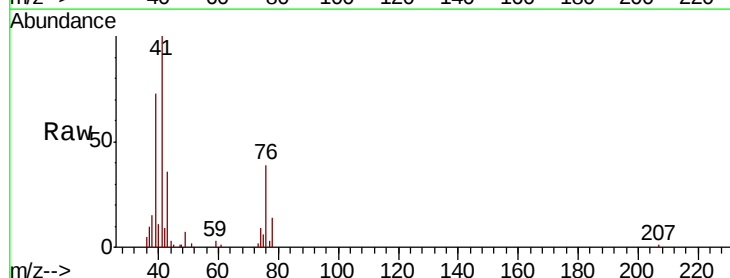
Acq: 29 Jul 2018 12:12

Tgt Ion: 43 Resp: 8227

Ion Ratio Lower Upper

43 100

74 27.0 17.8 26.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

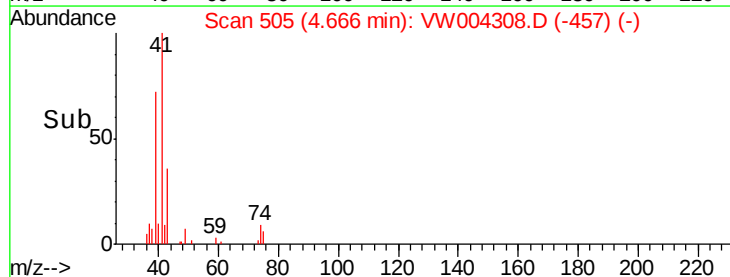
3000

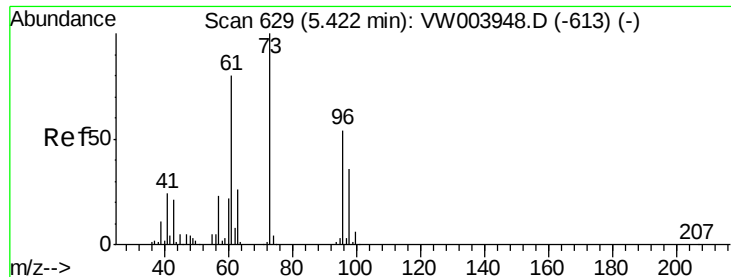
2000

1000

0

Time--> 4.60 4.70 4.80

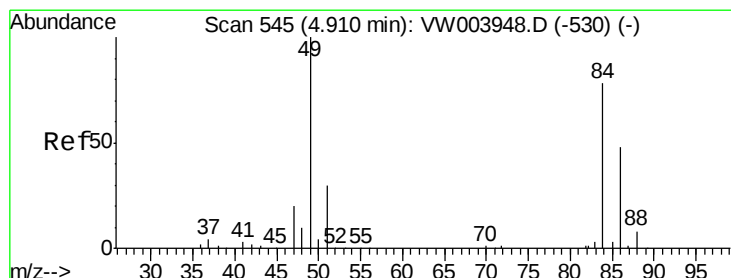
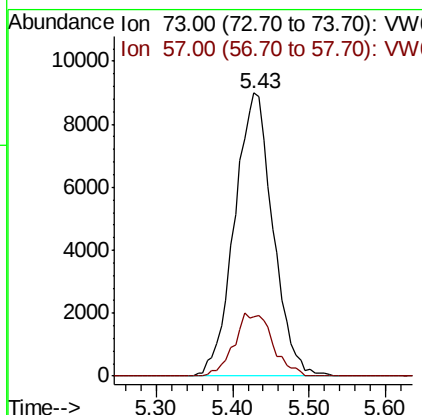
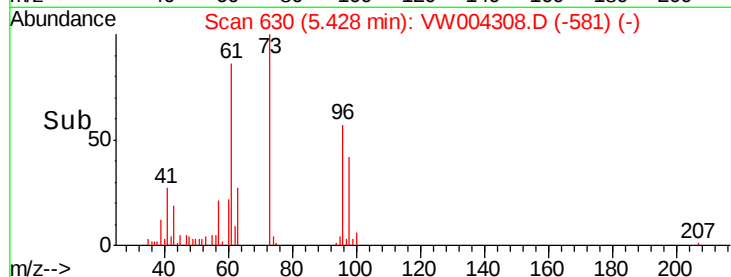
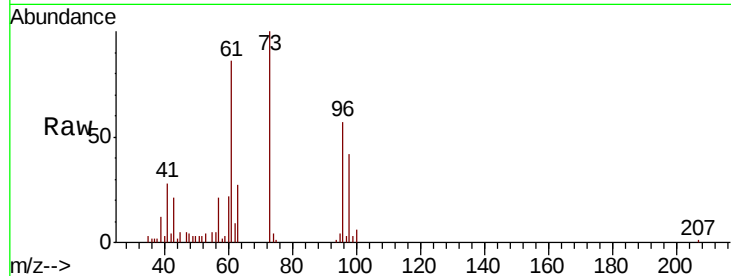




#19
Methyl tert-butyl Ether
Concen: 8.703 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

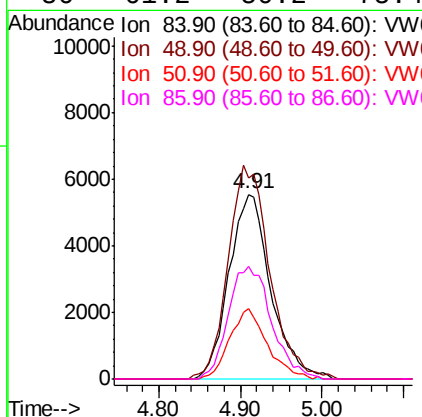
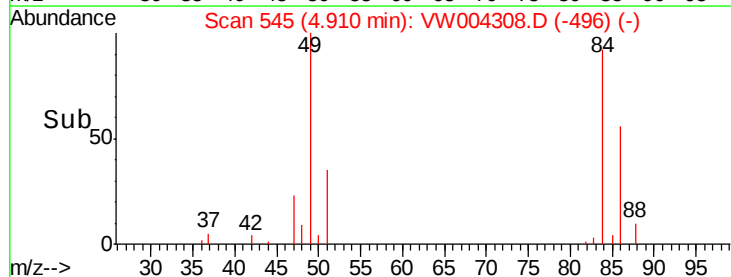
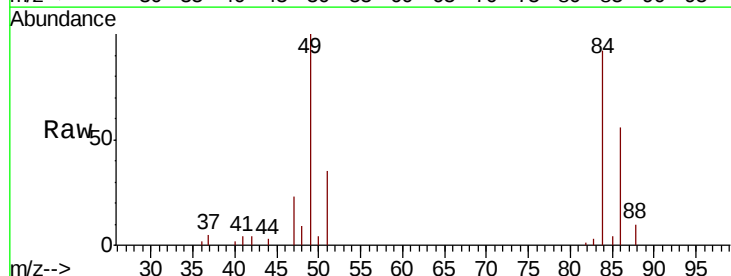
Instrument :
MSVOA_W
ClientSampled :

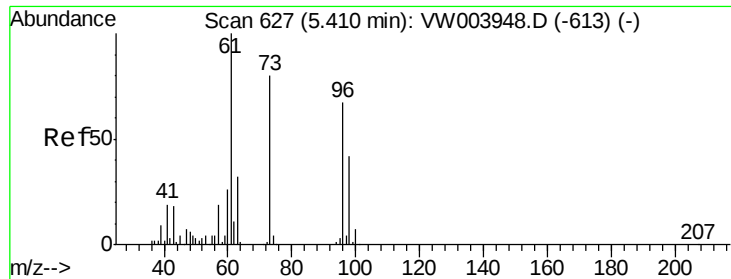
Tot Ion: 73 Resp: 31276
Ion Ratio Lower Upper
73 100
57 21.1 18.4 27.6



#20
Methylene Chloride
Concen: 9.055 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Tgt Ion: 84 Resp: 19646
Ion Ratio Lower Upper
84 100
49 109.0 100.5 150.7
51 38.3 30.9 46.3
86 61.2 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 8.877 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Instrument :

MSVOA_W

ClientSampled :

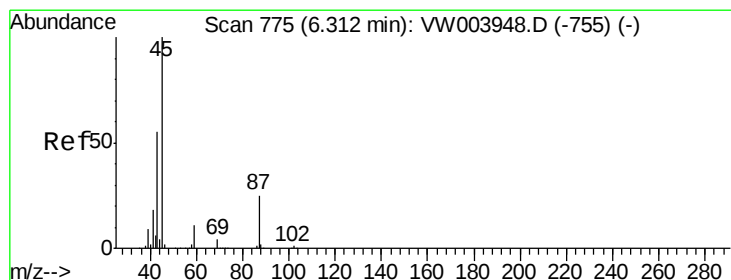
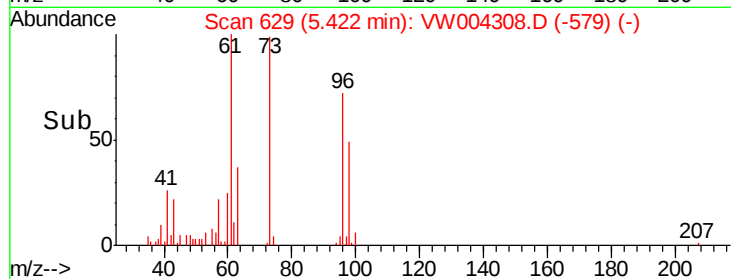
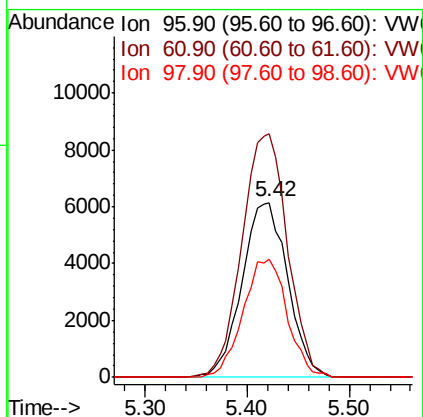
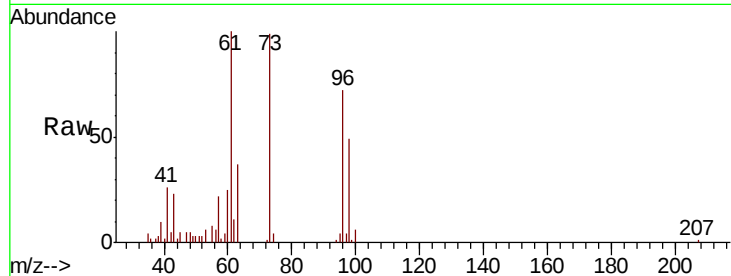
Tot Ion: 96 Resp: 19107

Ion Ratio Lower Upper

96 100

61 139.3 116.2 174.2

98 67.7 52.9 79.3



#22

Diisopropyl ether

Concen: 8.114 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Tgt Ion: 45 Resp: 49547

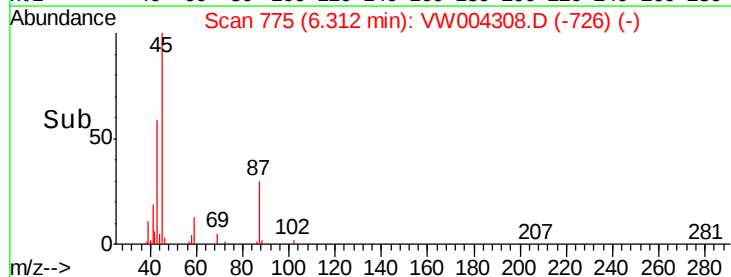
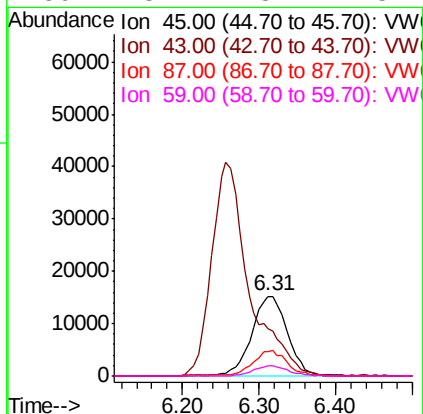
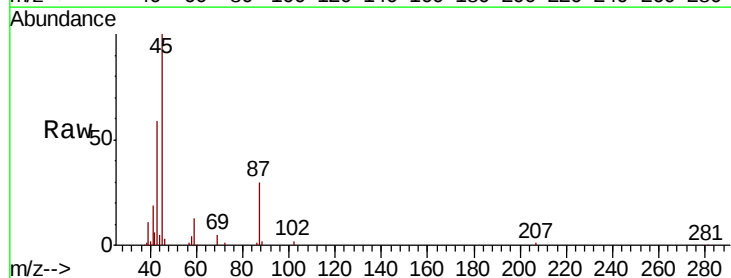
Ion Ratio Lower Upper

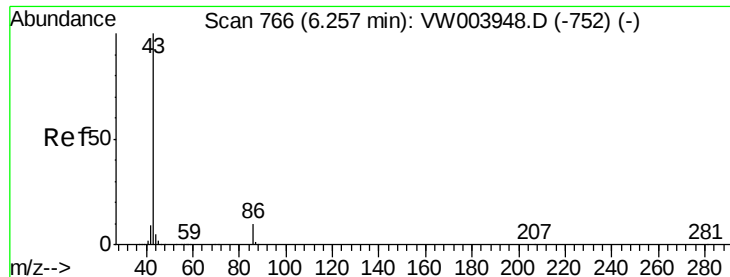
45 100

43 57.8 42.3 63.5

87 30.2 19.9 29.9#

59 13.4 8.7 13.1#





#23

Vinyl Acetate

Concen: 39.160 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Instrument :

MSVOA_W

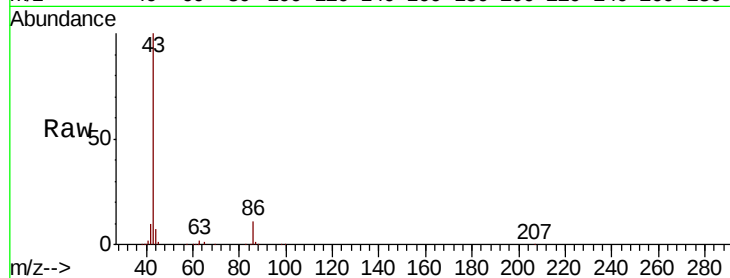
ClientSampleId :

Tot Ion: 43 Resp: 138734

Ion Ratio Lower Upper

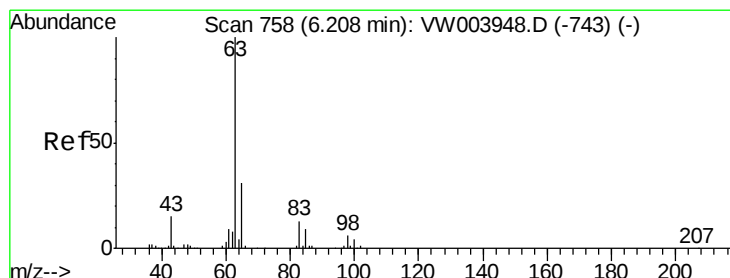
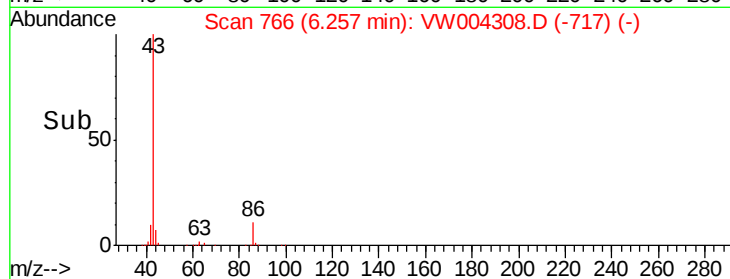
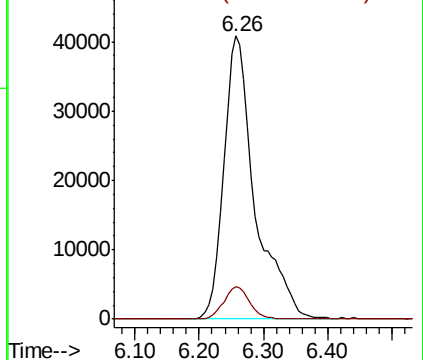
43 100

86 11.3 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 8.458 ug/l

RT: 6.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

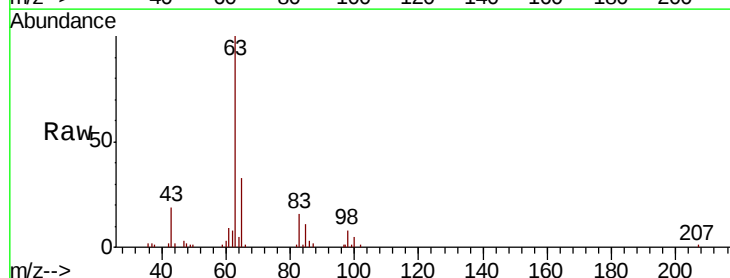
Tgt Ion: 63 Resp: 33263

Ion Ratio Lower Upper

63 100

98 7.6 3.2 9.6

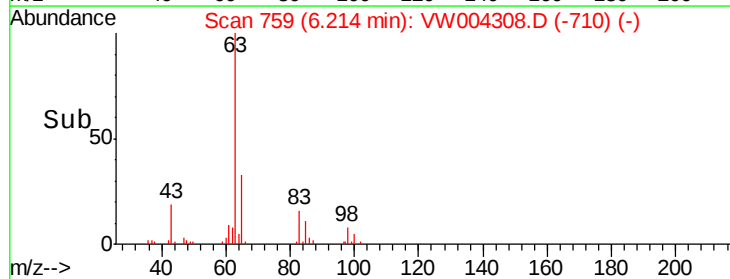
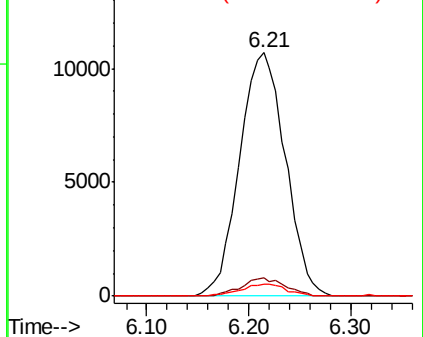
100 4.8 2.3 6.9

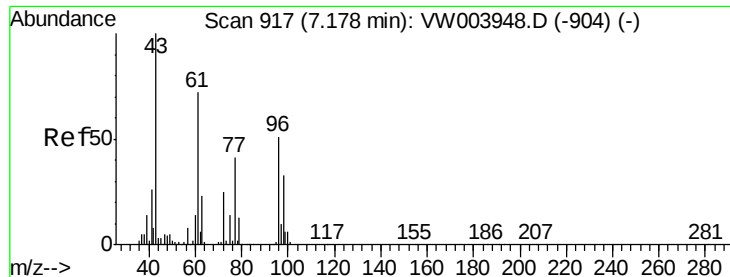


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 41.010 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Instrument :

MSVOA_W

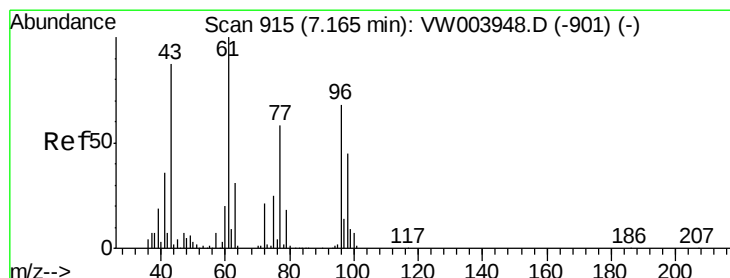
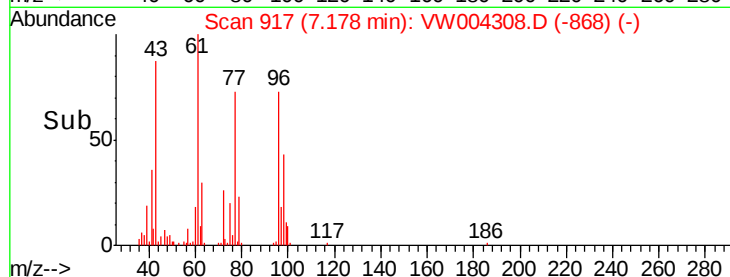
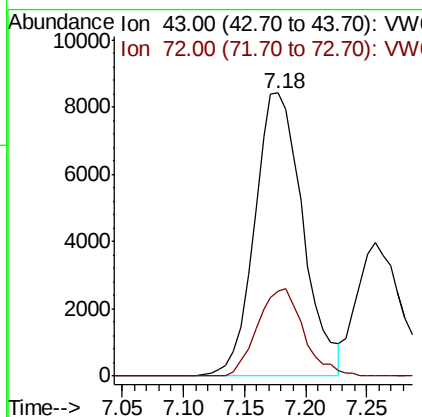
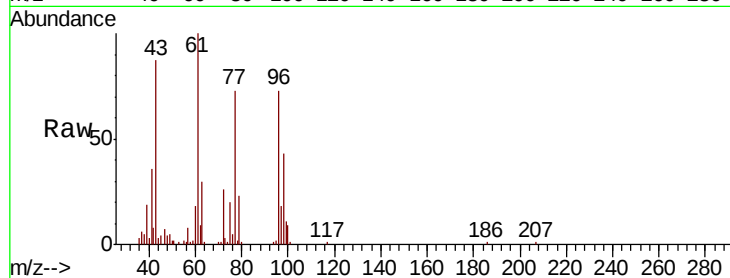
ClientSampled :

Tot Ion: 43 Resp: 23170

Ion Ratio Lower Upper

43 100

72 30.2 20.3 30.5



#26

2,2-Dichloropropane

Concen: 10.249 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW004308.D

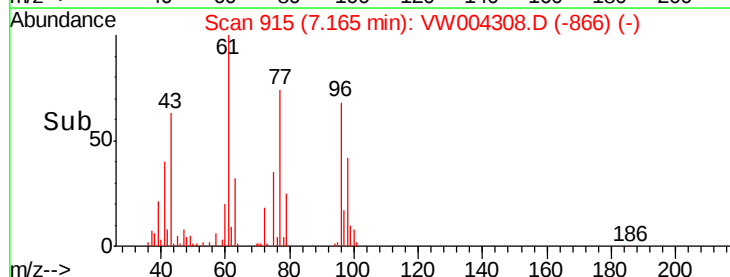
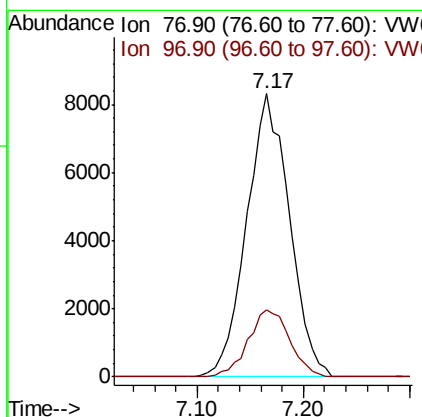
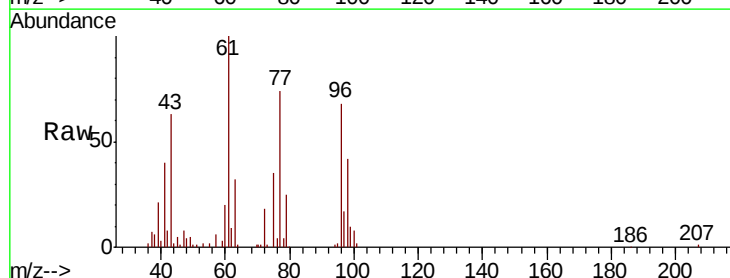
Acq: 29 Jul 2018 12:12

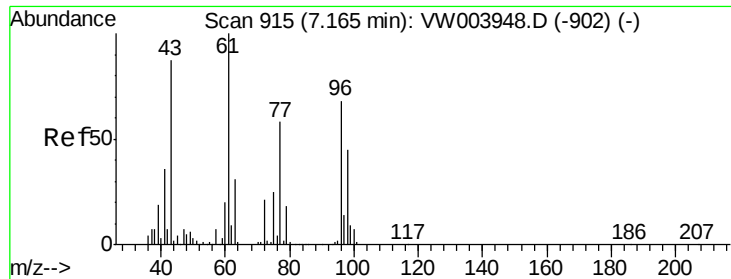
Tgt Ion: 77 Resp: 23385

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.1



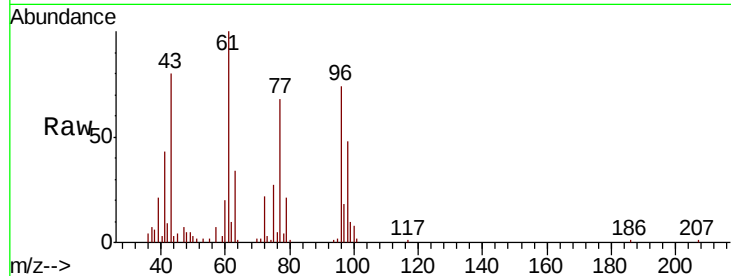


#27

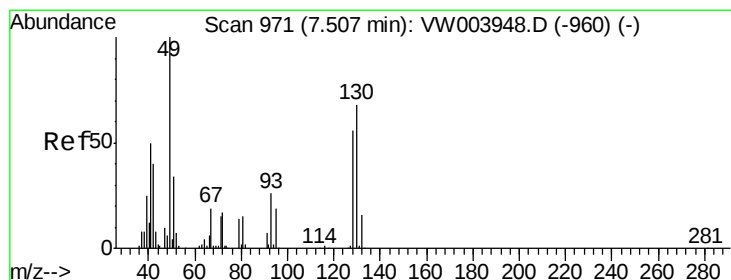
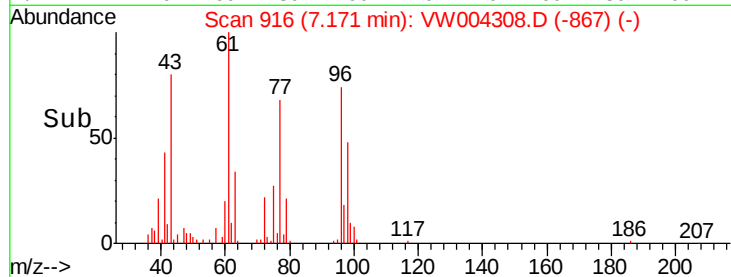
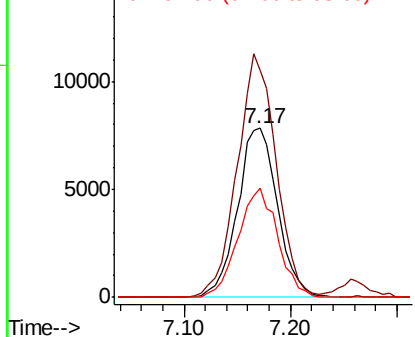
cis-1,2-Dichloroethene
Concen: 9.434 ug/l
RT: 7.17 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 96 Resp: 20664
Ion Ratio Lower Upper
96 100
61 140.0 0.0 292.0
98 63.6 0.0 129.6



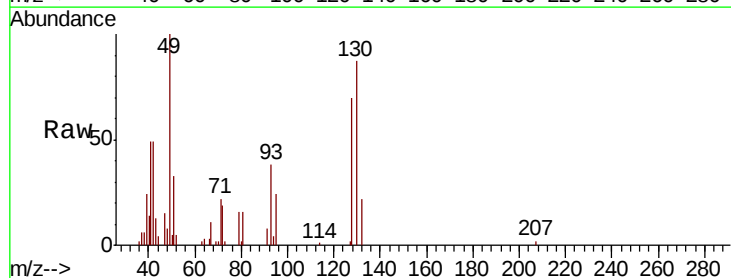
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



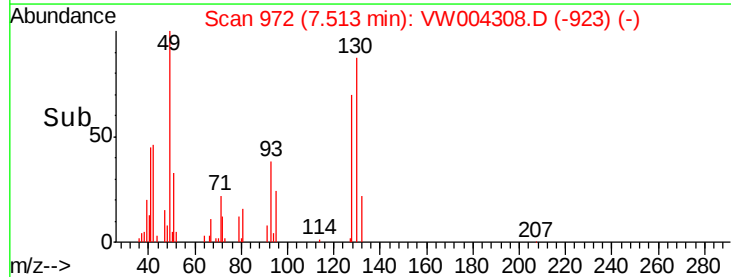
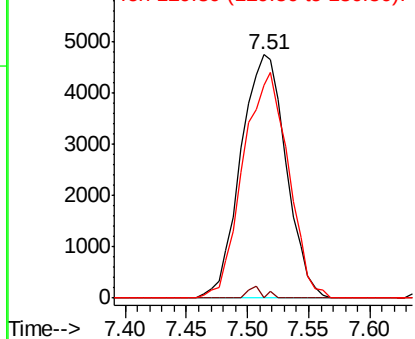
#28

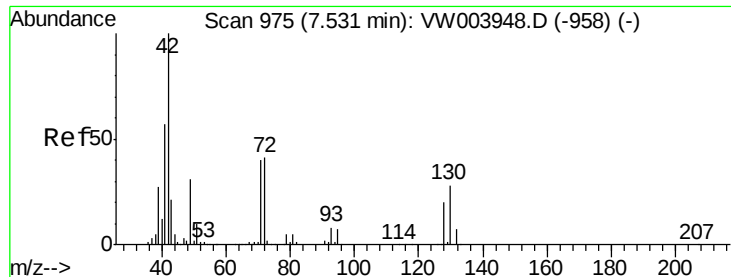
Bromochloromethane
Concen: 8.876 ug/l
RT: 7.51 min Scan# 972
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Tgt Ion: 49 Resp: 12233
Ion Ratio Lower Upper
49 100
129 1.5 0.0 4.6
130 92.7 61.5 92.3#



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

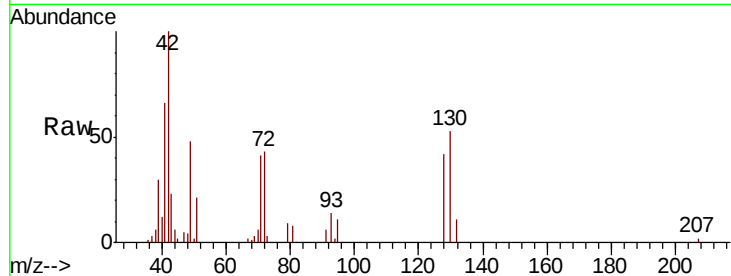




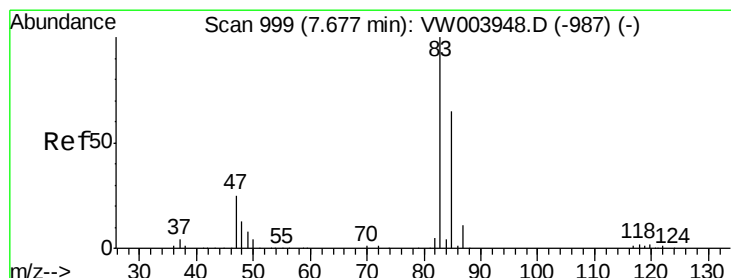
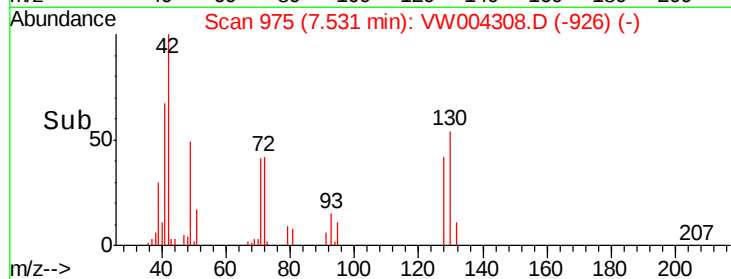
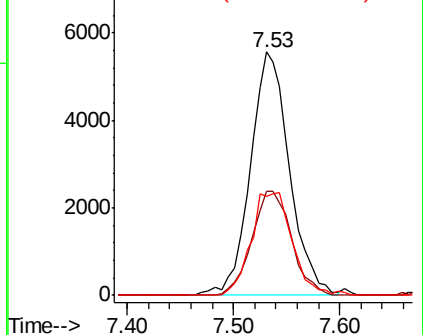
#29
Tetrahydrofuran
Concen: 39.482 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 42 Resp: 14274
Ion Ratio Lower Upper
42 100
72 43.6 32.6 48.8
71 44.5 31.3 46.9

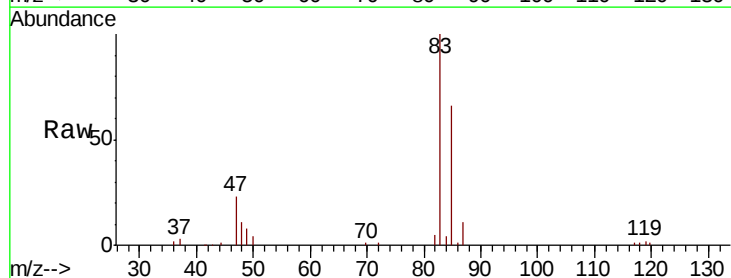


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

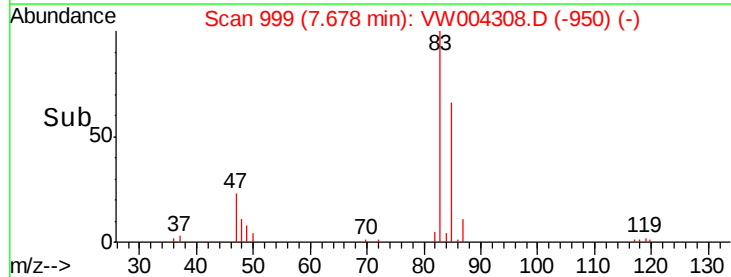
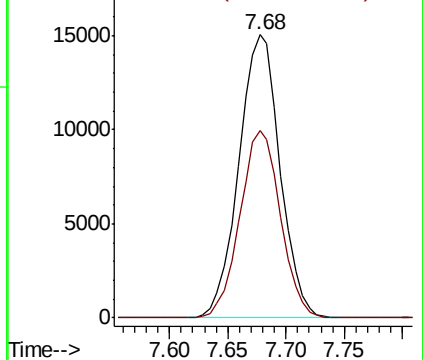


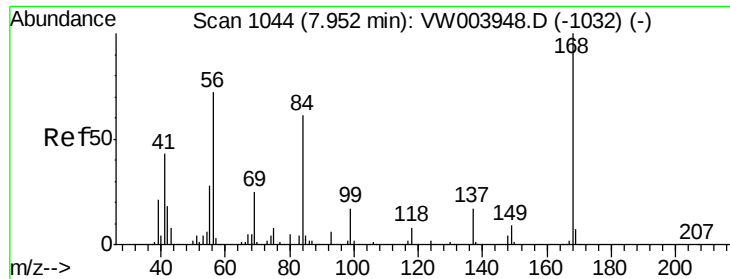
#30
Chloroform
Concen: 9.824 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Tgt Ion: 83 Resp: 36904
Ion Ratio Lower Upper
83 100
85 66.1 51.5 77.3



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

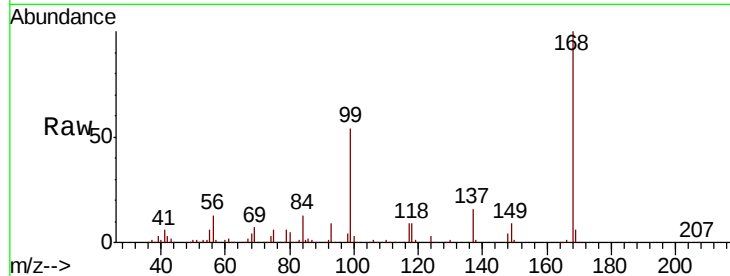




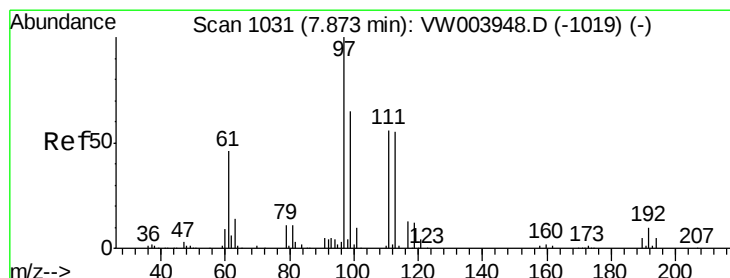
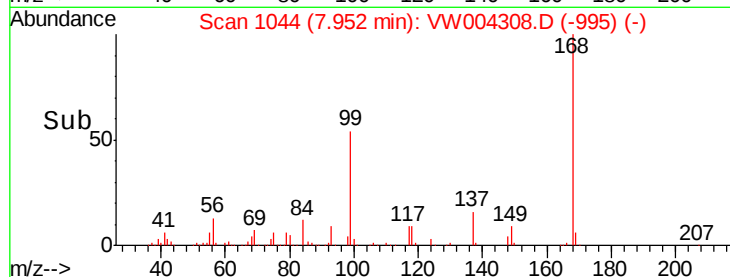
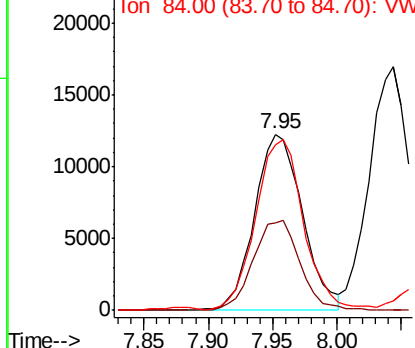
#31
Cyclohexane
Concen: 9.124 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 31685
Ion Ratio Lower Upper
56 100
69 49.7 26.3 39.5#
84 92.9 66.2 99.4

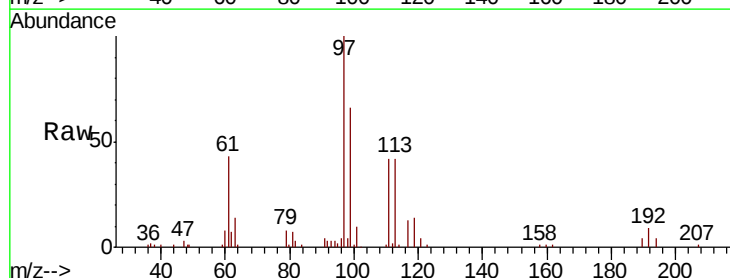


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

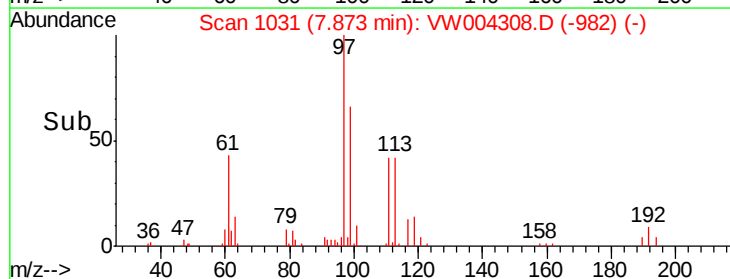
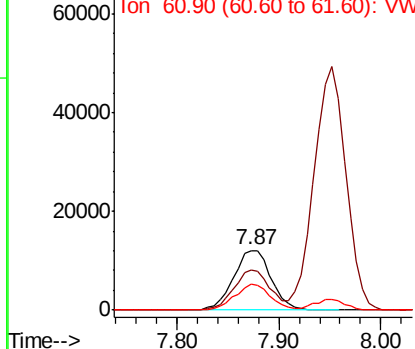


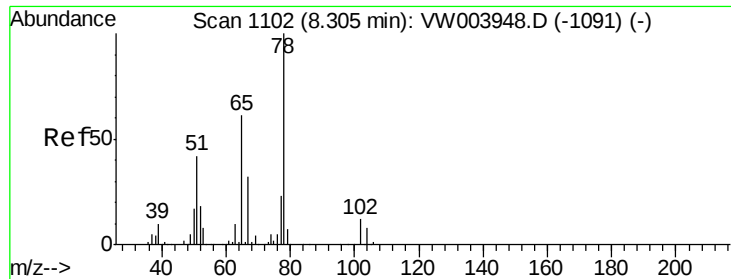
#32
1,1,1-Trichloroethane
Concen: 10.023 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Tgt Ion: 97 Resp: 30920
Ion Ratio Lower Upper
97 100
99 66.1 51.7 77.5
61 41.6 34.8 52.2



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

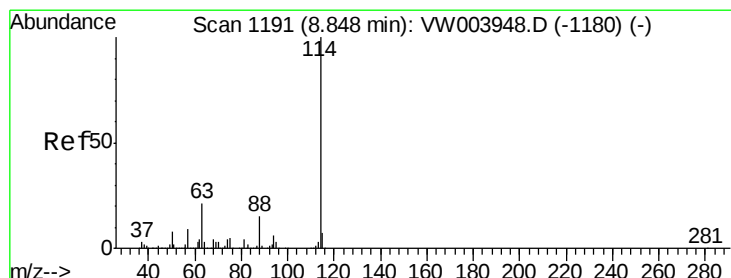
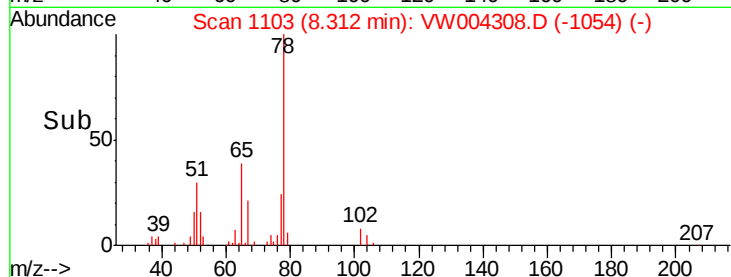
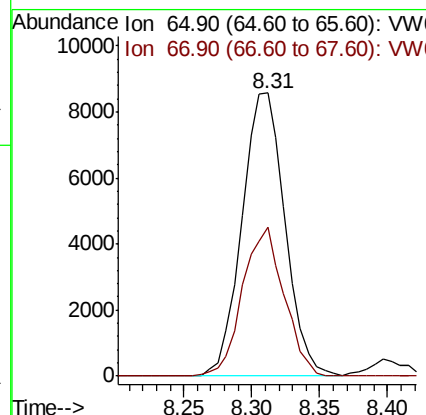
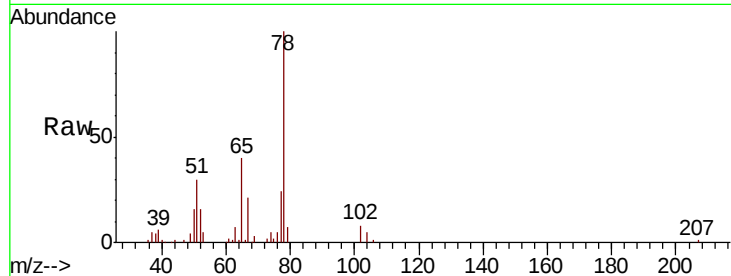




#33
 1,2-Dichloroethane-d4
 Concen: 9.315 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004308.D
 Acq: 29 Jul 2018 12:12

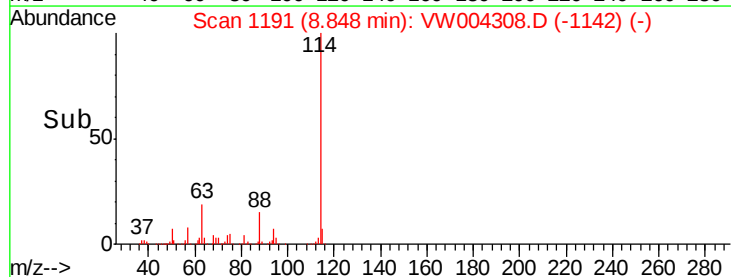
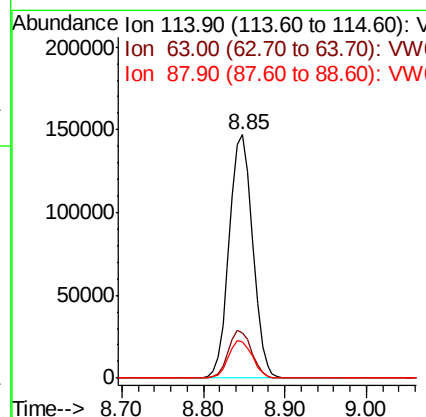
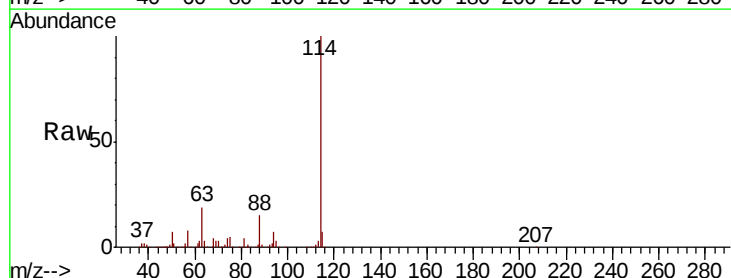
Instrument :
 MSVOA_W
 ClientSampled :

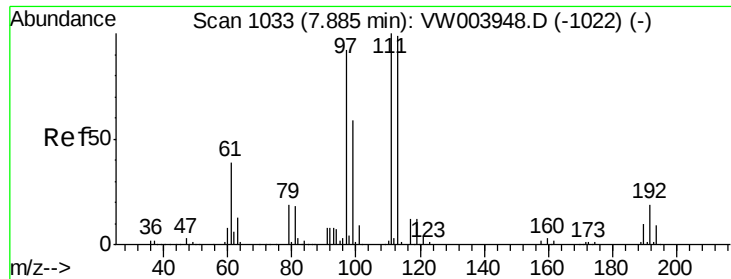
Tot Ion: 65 Resp: 18949
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004308.D
 Acq: 29 Jul 2018 12:12

Tgt Ion: 114 Resp: 291455
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 41.4
 88 15.0 0.0 30.6

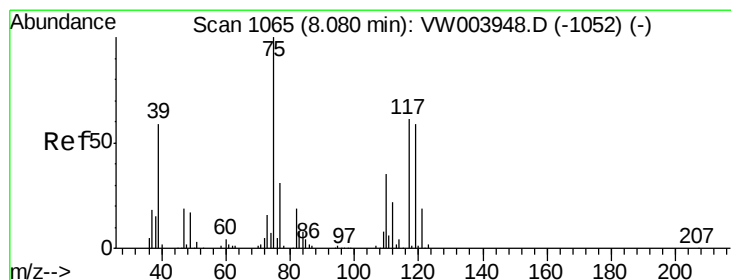
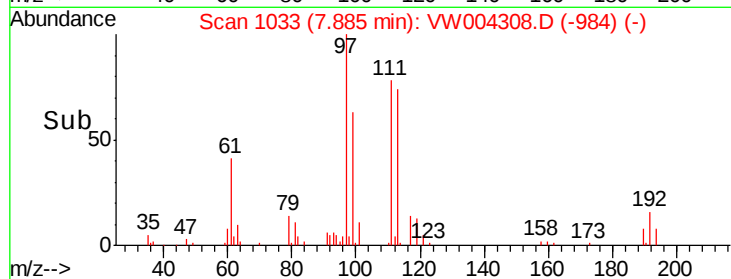
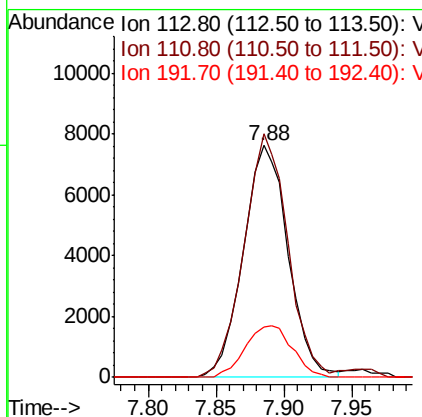
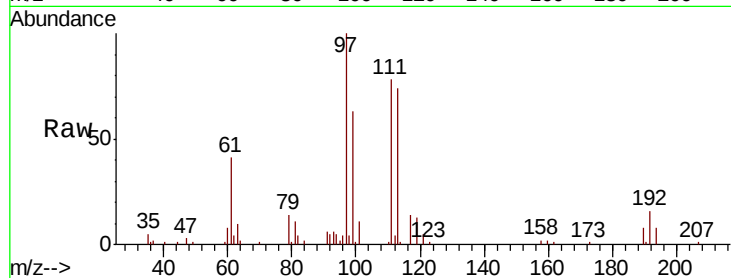




#35
 Dibromofluoromethane
 Concen: 9.563 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004308.D
 Acq: 29 Jul 2018 12:12

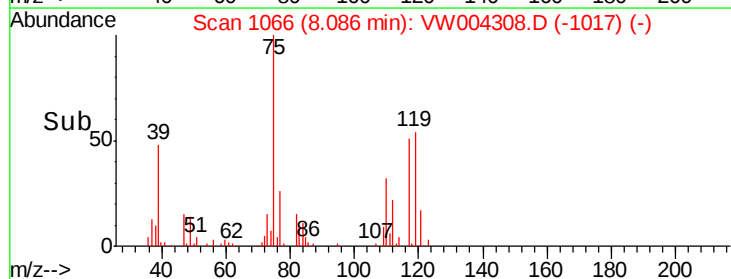
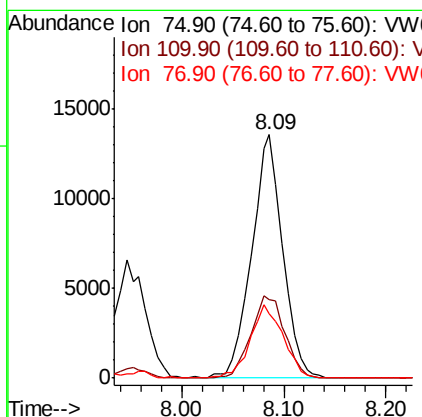
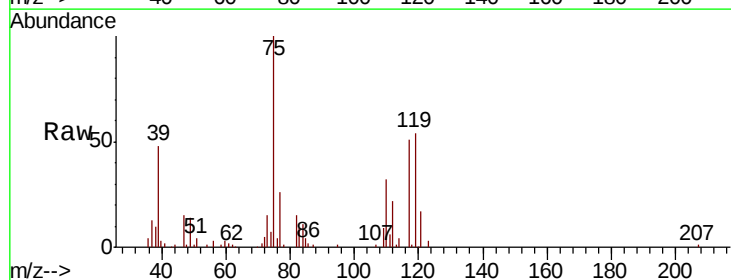
Instrument :
 MSVOA_W
 ClientSampled :

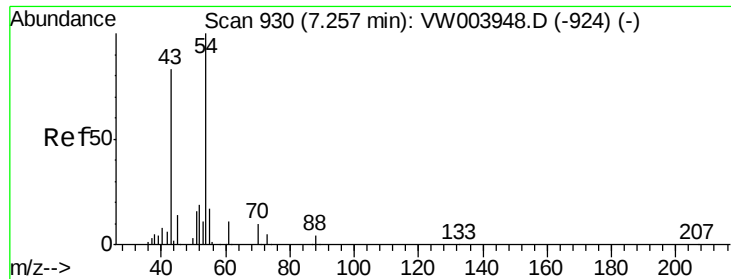
Tot Ion:113 Resp: 17613
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.1 123.1
 192 23.1 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 9.886 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: VW004308.D
 Acq: 29 Jul 2018 12:12

Tgt Ion: 75 Resp: 28824
 Ion Ratio Lower Upper
 75 100
 110 36.6 17.3 52.0
 77 31.8 25.0 37.6

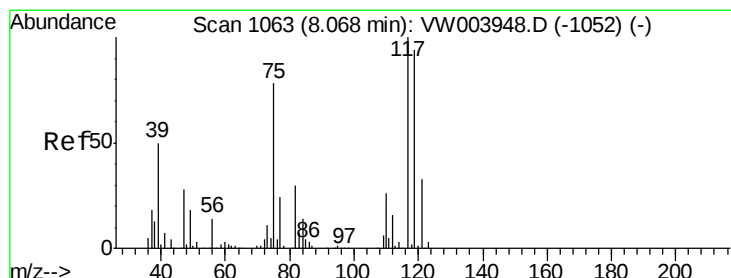
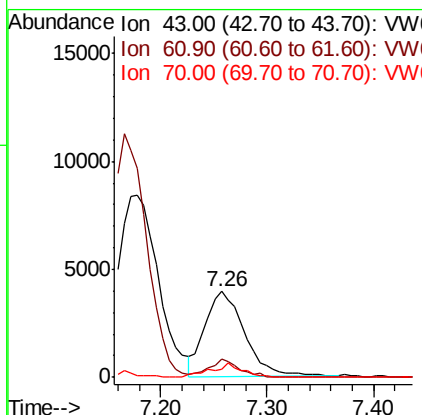
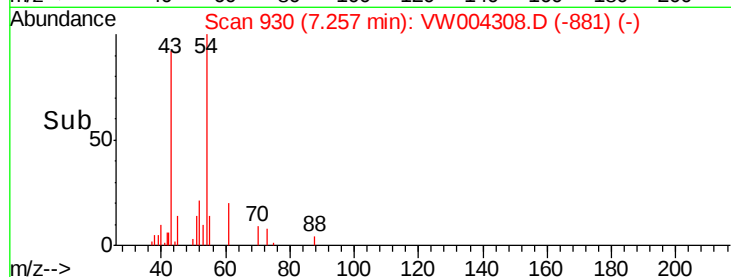
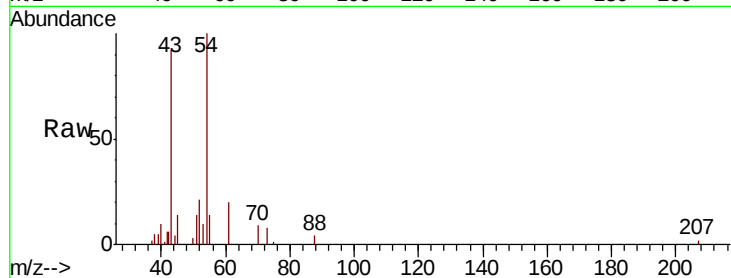




#37
Ethyl Acetate
Concen: 8.395 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

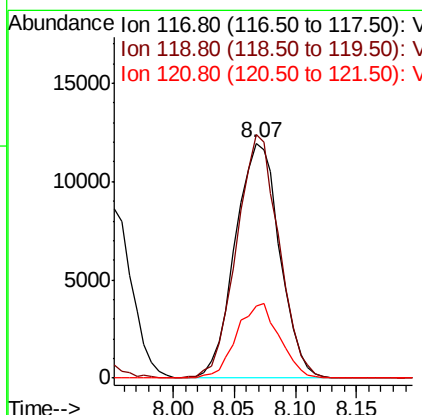
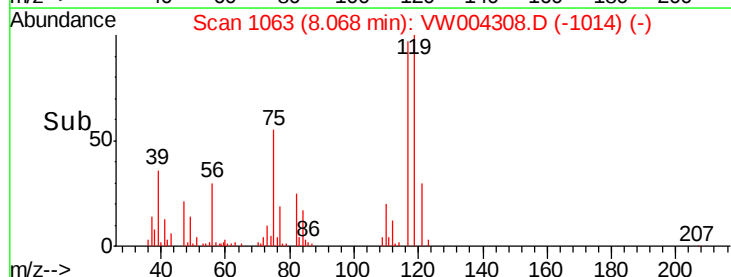
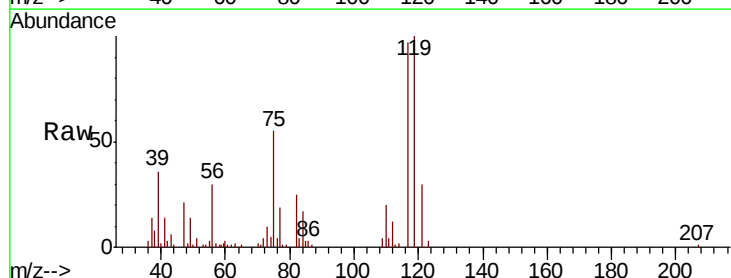
Instrument :
MSVOA_W
ClientSampled :

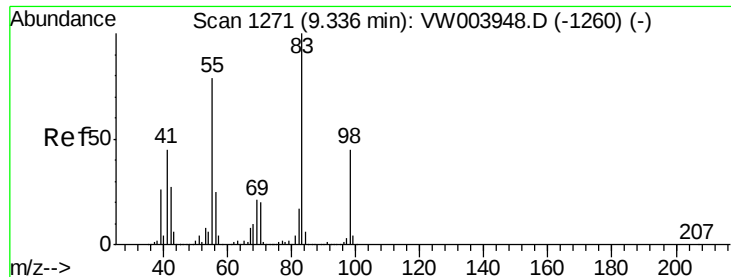
Tot Ion: 43 Resp: 10030
Ion Ratio Lower Upper
43 100
61 16.3 11.1 16.7
70 13.0 7.8 11.6#



#38
Carbon Tetrachloride
Concen: 10.519 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Tgt Ion: 117 Resp: 30286
Ion Ratio Lower Upper
117 100
119 103.6 79.7 119.5
121 30.7 25.7 38.5

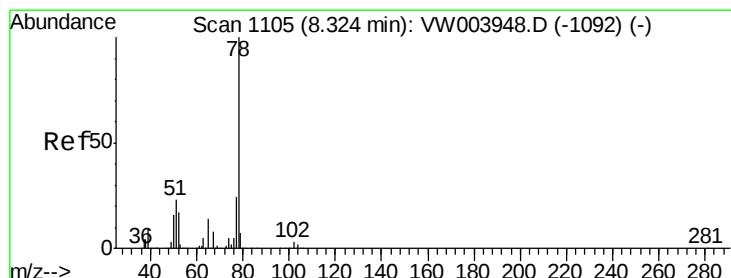
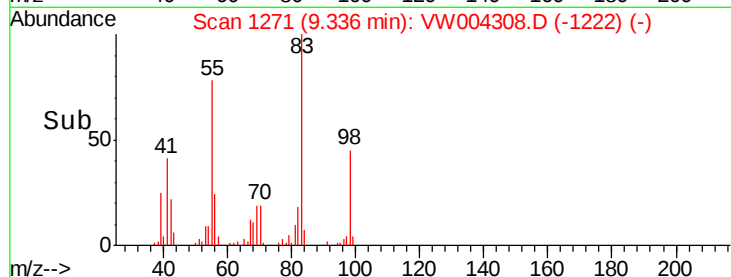
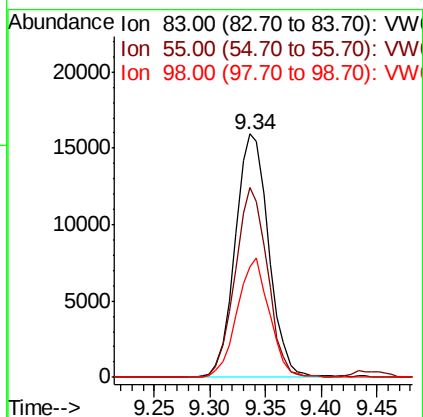
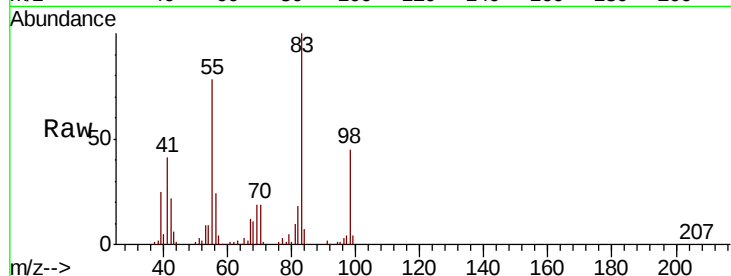




#39
Methvlcvclohexane
Concen: 9.466 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

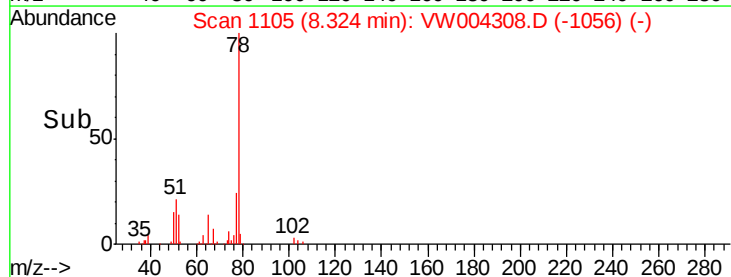
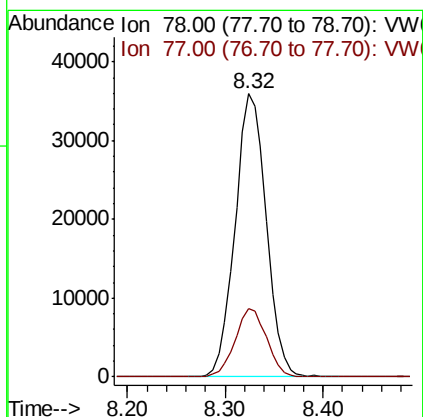
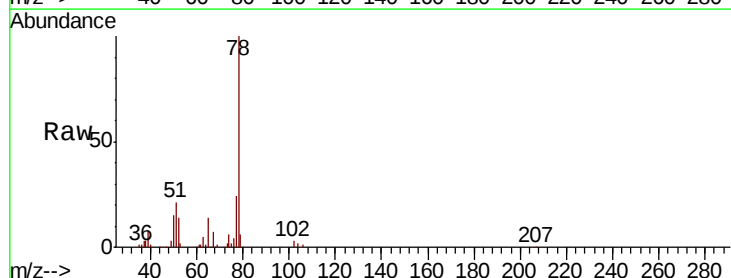
Instrument :
MSVOA_W
ClientSampleId :

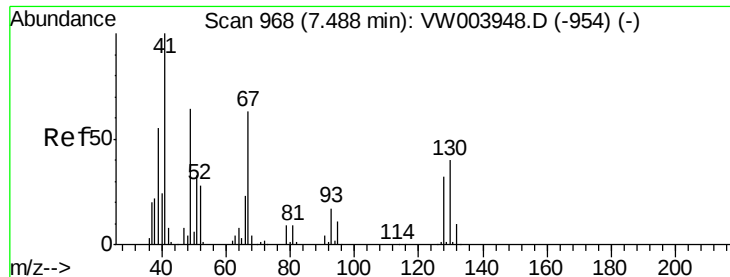
Tot Ion: 83 Resp: 33258
Ion Ratio Lower Upper
83 100
55 77.8 64.3 96.5
98 45.4 36.3 54.5



#40
Benzene
Concen: 9.664 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Tgt Ion: 78 Resp: 79270
Ion Ratio Lower Upper
78 100
77 24.0 19.4 29.0

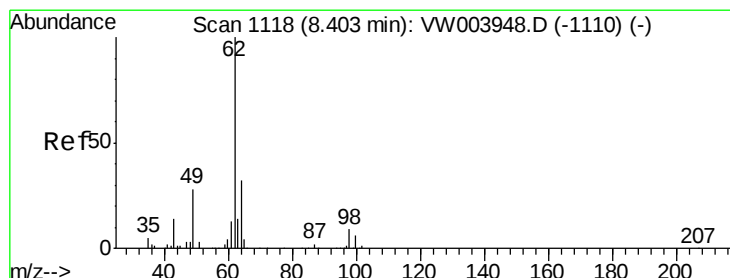
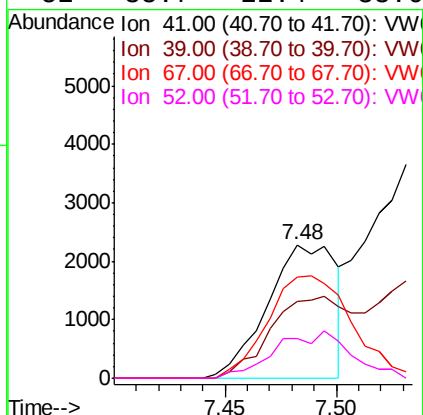
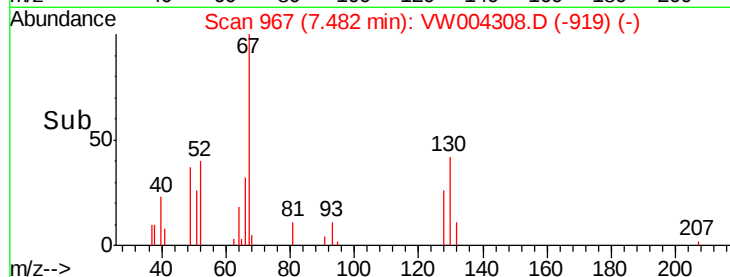
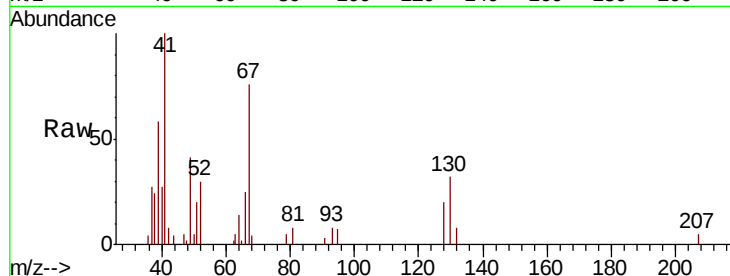




#41
Methacrylonitrile
Concen: 7.137 ug/l
RT: 7.48 min Scan# 967
Delta R.T. -0.01 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

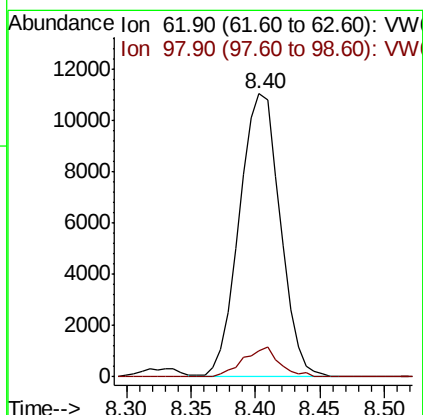
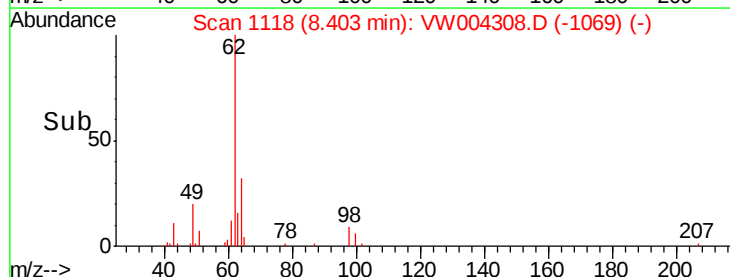
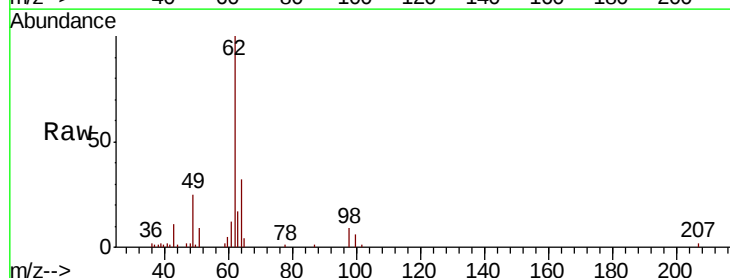
Instrument :
MSVOA_W
ClientSampled :

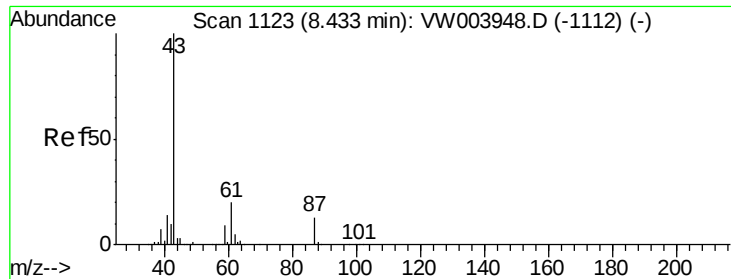
Tot Ion: 41 Resp: 4924
Ion Ratio Lower Upper
41 100
39 68.4 41.2 61.8#
67 92.9 53.4 80.0#
52 38.7 22.4 33.6#



#42
1,2-Dichloroethane
Concen: 10.347 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Tgt Ion: 62 Resp: 24263
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.4





#43

Isopropyl Acetate

Concen: 9.133 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

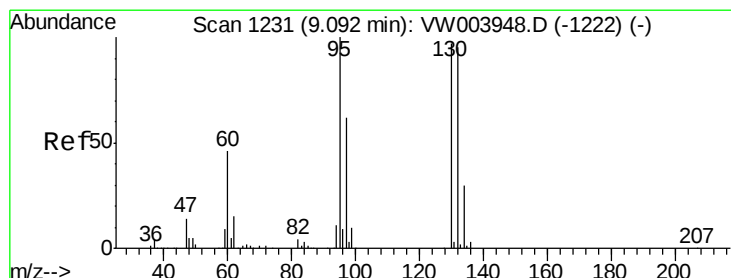
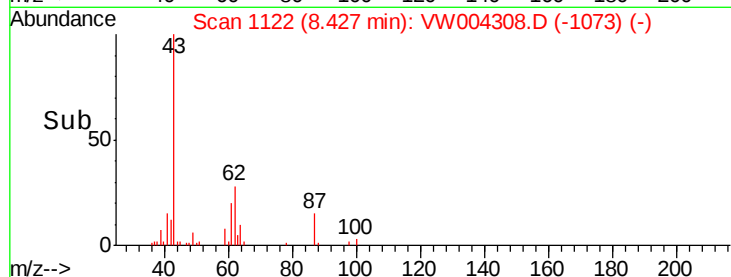
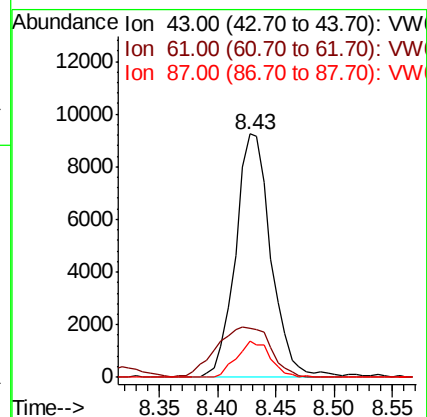
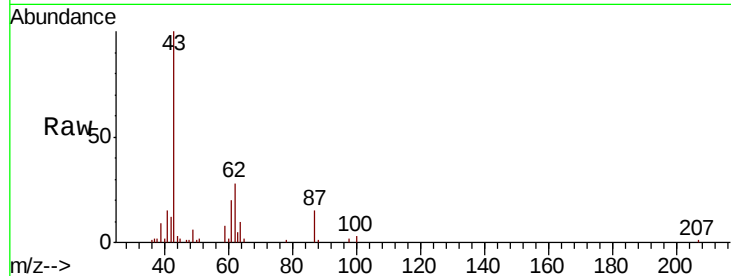
Tot Ion: 43 Resp: 19667

Ion Ratio Lower Upper

43 100

61 31.5 24.5 36.7

87 14.0 10.4 15.6



#44

Trichloroethene

Concen: 10.301 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VW004308.D

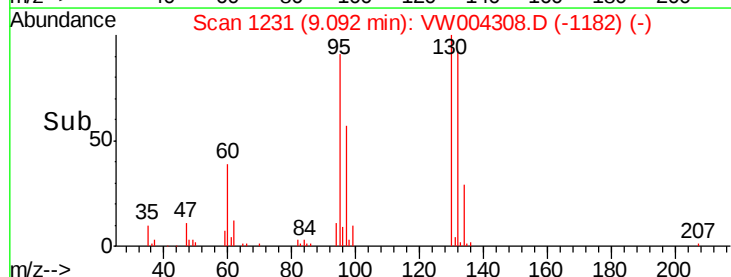
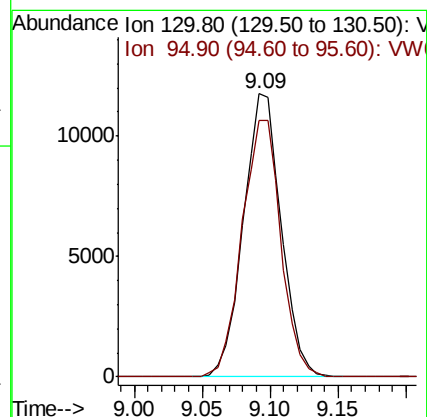
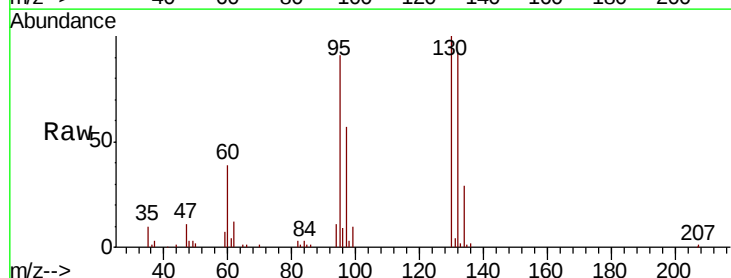
Acq: 29 Jul 2018 12:12

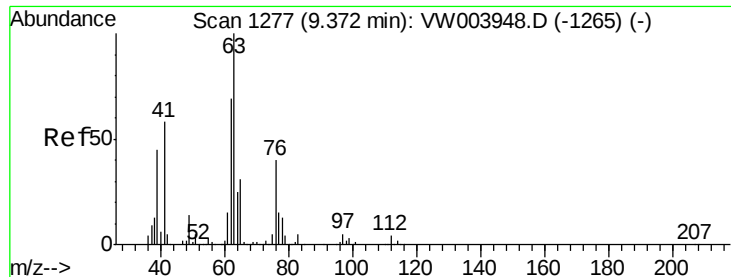
Tgt Ion: 130 Resp: 22810

Ion Ratio Lower Upper

130 100

95 90.6 0.0 199.4

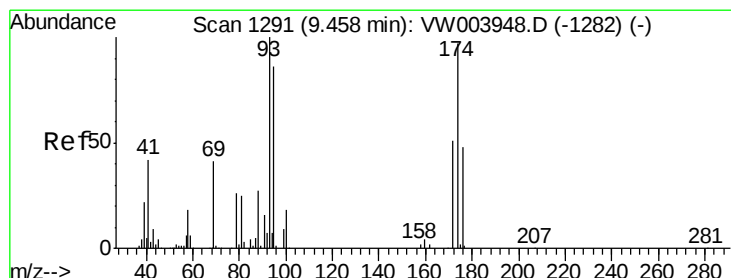
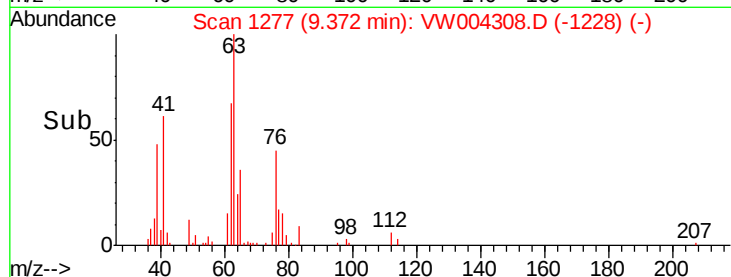
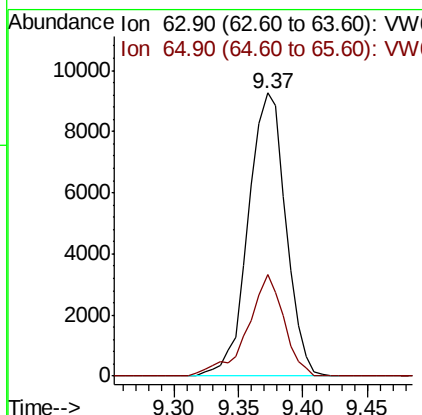
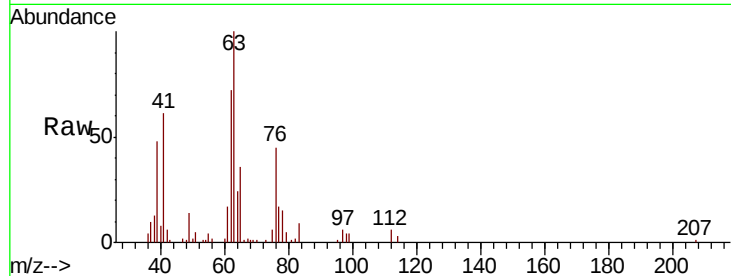




#45
 1,2-Dichloropropane
 Concen: 9.158 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW004308.D
 Acq: 29 Jul 2018 12:12

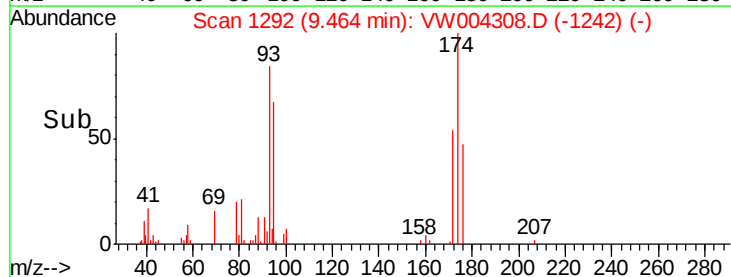
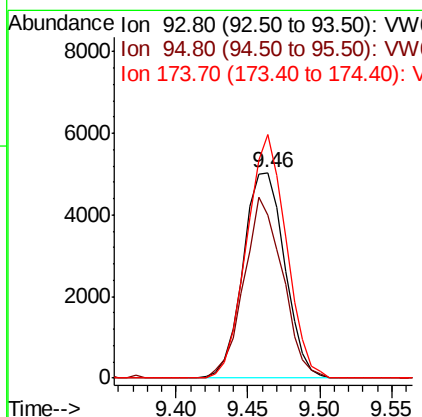
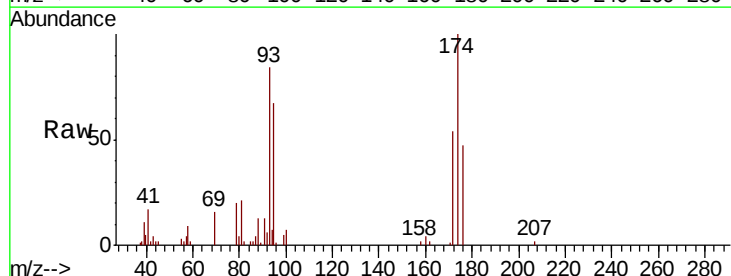
Instrument :
 MSVOA_W
 ClientSampled :

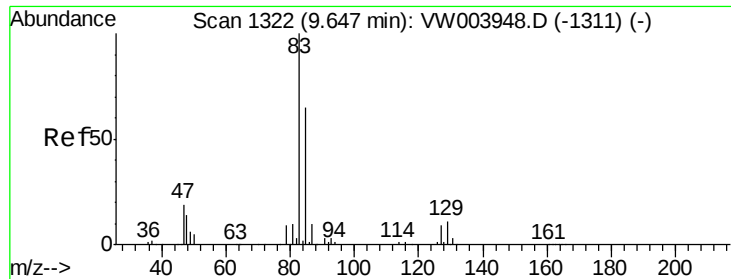
Tot Ion: 63 Resp: 18640
 Ion Ratio Lower Upper
 63 100
 65 35.7 23.9 35.9



#46
 Dibromomethane
 Concen: 9.705 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: VW004308.D
 Acq: 29 Jul 2018 12:12

Tgt Ion: 93 Resp: 10087
 Ion Ratio Lower Upper
 93 100
 95 81.4 65.8 98.8
 174 112.3 83.7 125.5





#47

Bromodichloromethane

Concen: 9.724 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

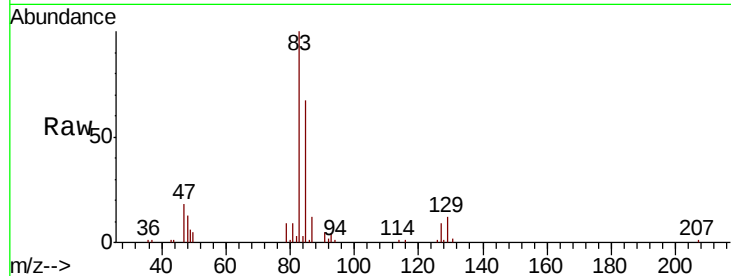
Tot Ion: 83 Resp: 25633

Ion Ratio Lower Upper

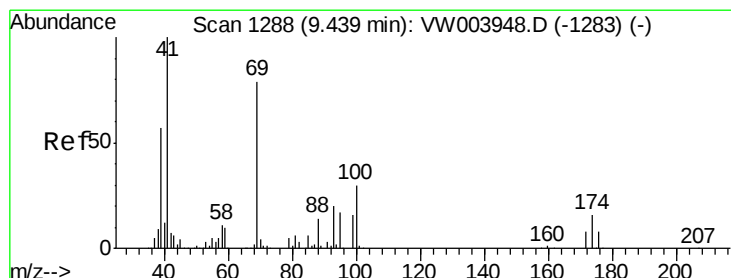
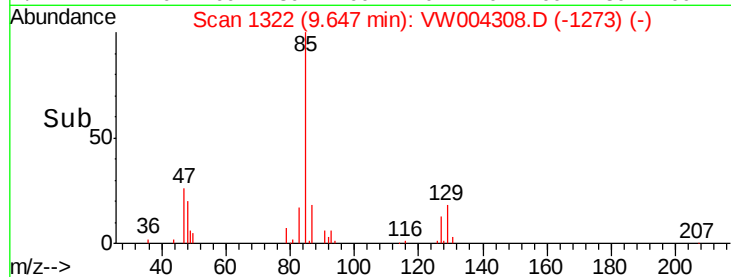
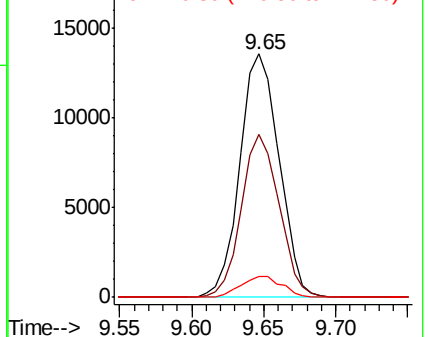
83 100

85 67.0 51.3 76.9

127 8.8 6.6 9.8



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: 8.314 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

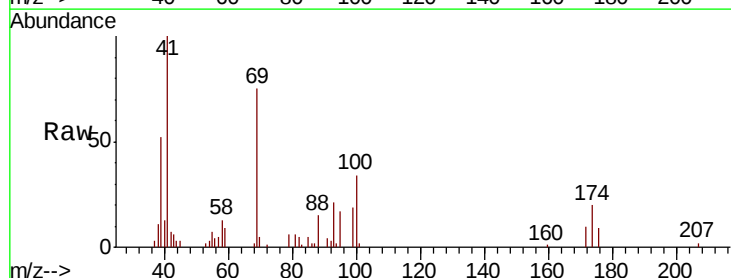
Tgt Ion: 41 Resp: 9118

Ion Ratio Lower Upper

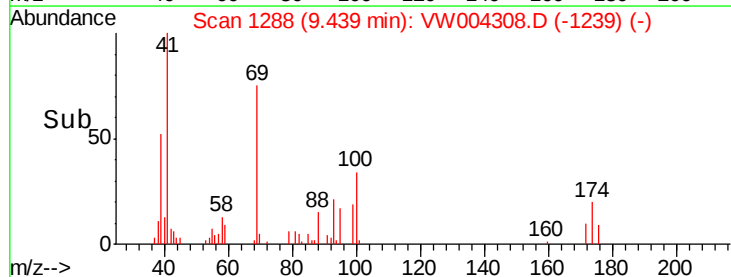
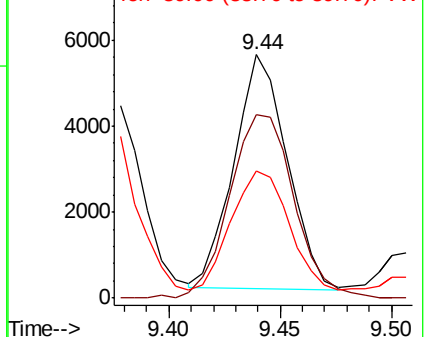
41 100

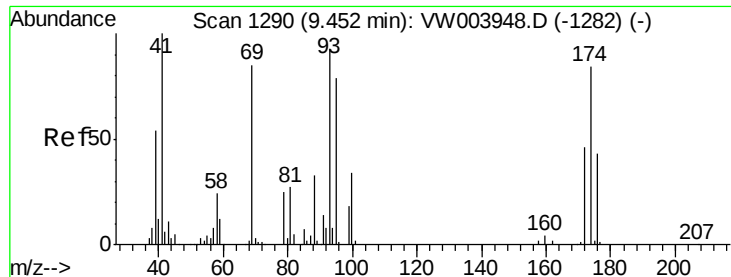
69 94.1 69.7 104.5

39 63.4 41.8 62.8#



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





#49

1,4-Dioxane

Concen: 172.383 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Instrument :
MSVOA_W
ClientSampleId :

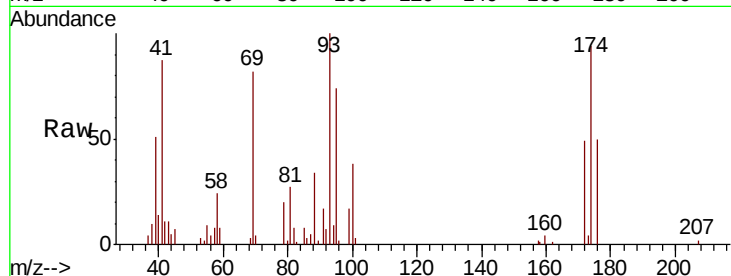
Tot Ion: 88 Resp: 2716

Ion Ratio Lower Upper

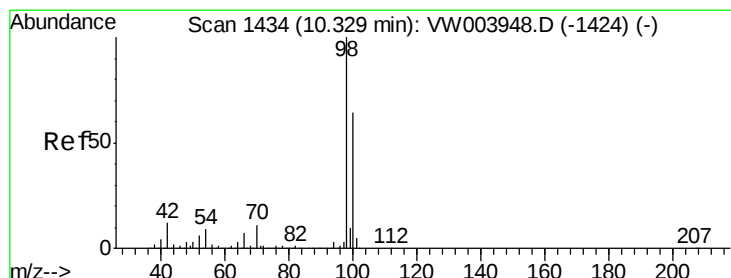
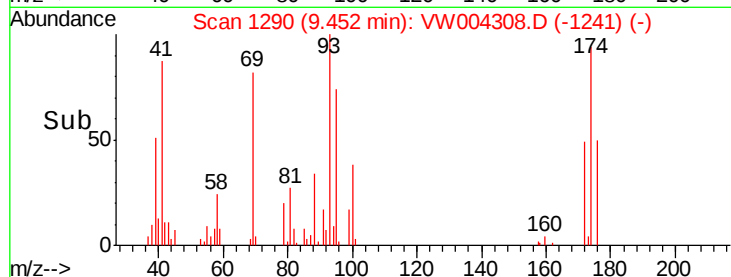
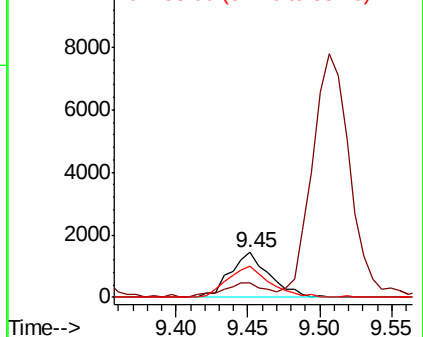
88 100

43 34.8 28.3 42.5

58 74.8 60.2 90.4



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: 9.318 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004308.D

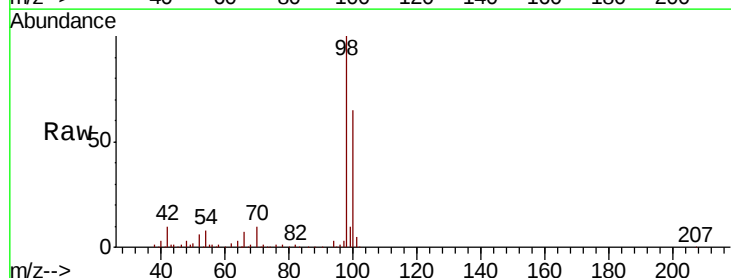
Acq: 29 Jul 2018 12:12

Tgt Ion: 98 Resp: 67829

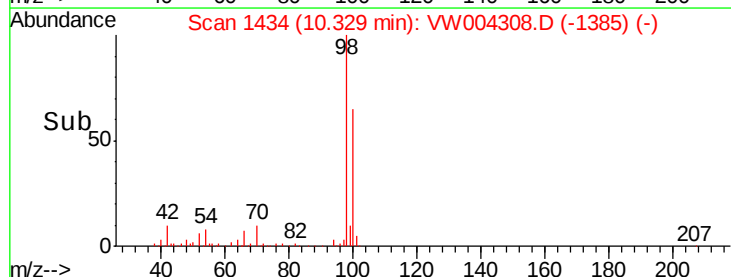
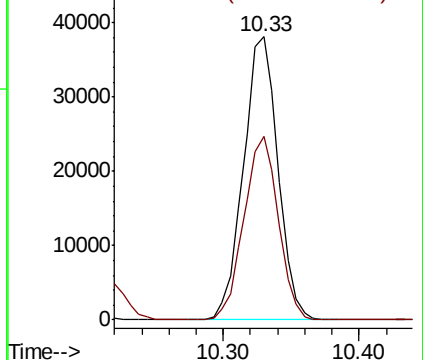
Ion Ratio Lower Upper

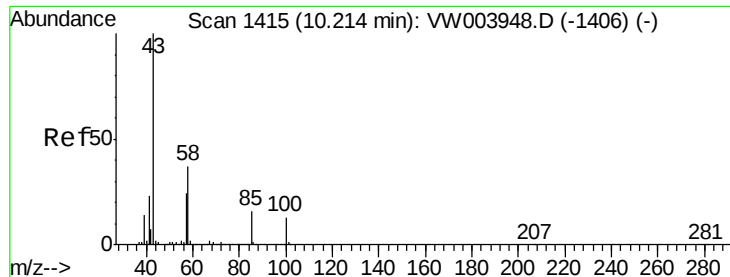
98 100

100 64.6 51.5 77.3



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: 42.460 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Instrument :

MSVOA_W

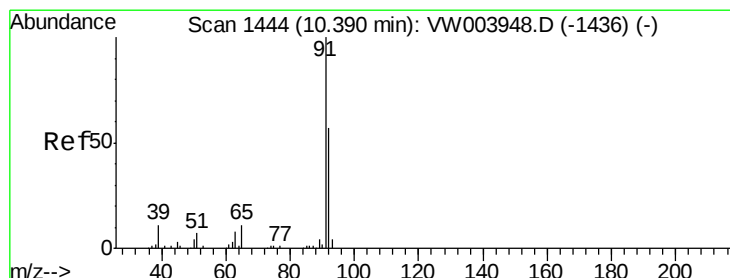
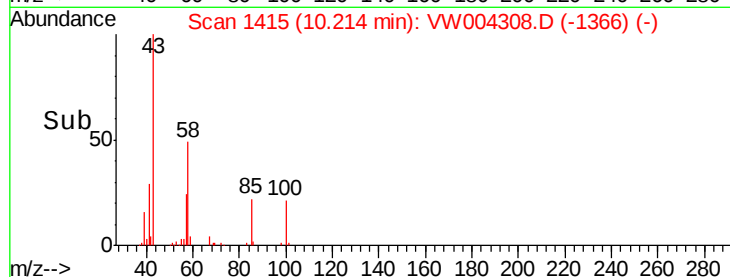
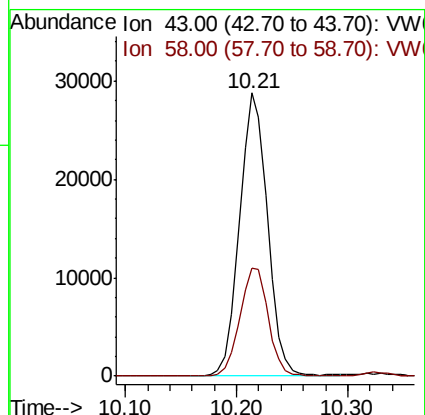
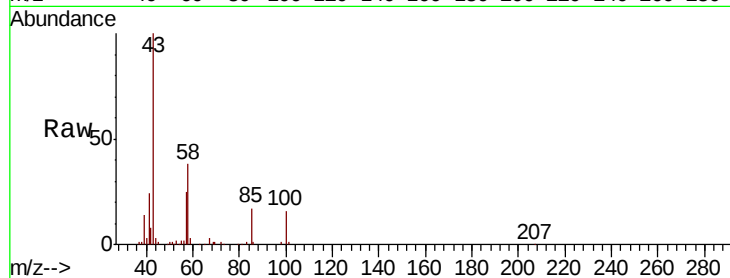
ClientSampleId :

Tot Ion: 43 Resp: 50180

Ion Ratio Lower Upper

43 100

58 38.4 30.6 45.8



#52

Toluene

Concen: 9.754 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004308.D

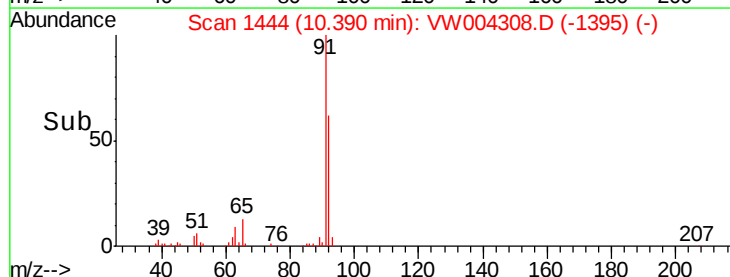
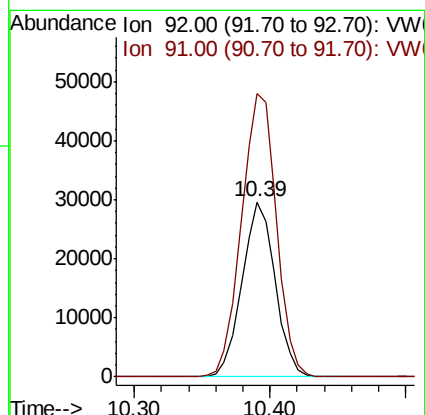
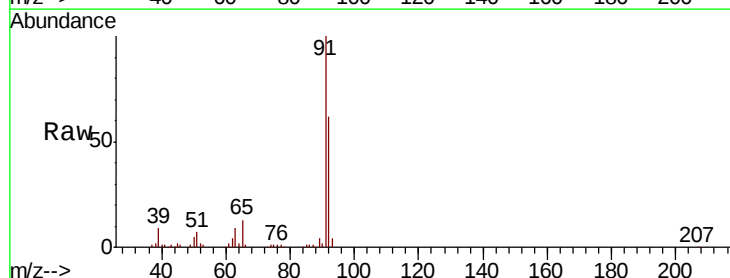
Acq: 29 Jul 2018 12:12

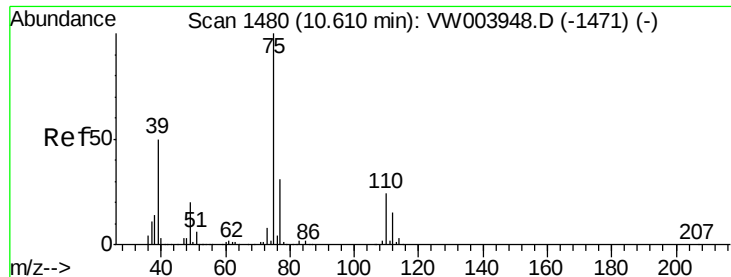
Tgt Ion: 92 Resp: 50233

Ion Ratio Lower Upper

92 100

91 171.1 139.0 208.4





#53

t-1,3-Dichloropropene

Concen: 9.320 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Instrument :

MSVOA_W

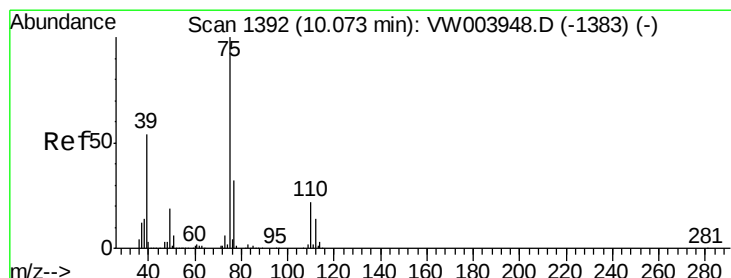
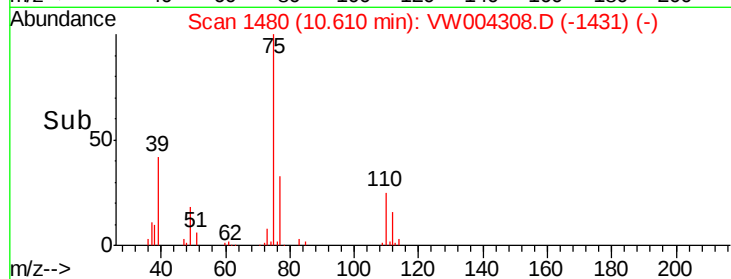
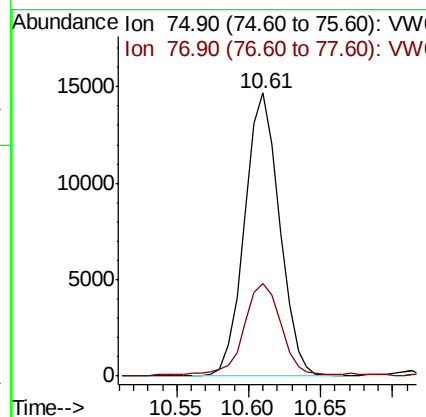
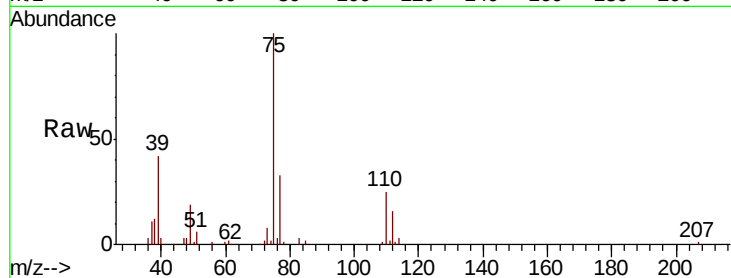
ClientSampleId :

Tot Ion: 75 Resp: 24608

Ion Ratio Lower Upper

75 100

77 32.1 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 9.359 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

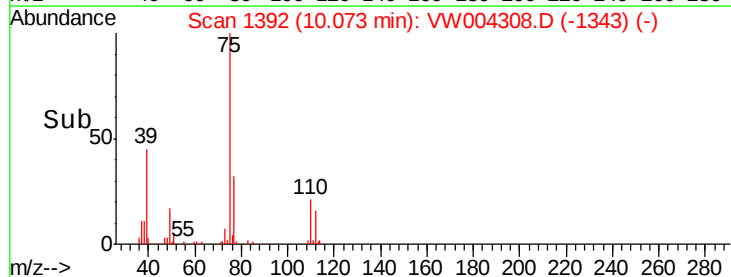
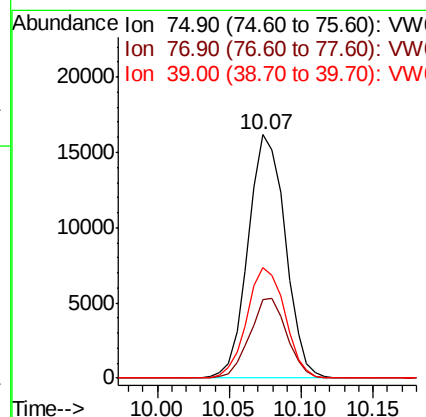
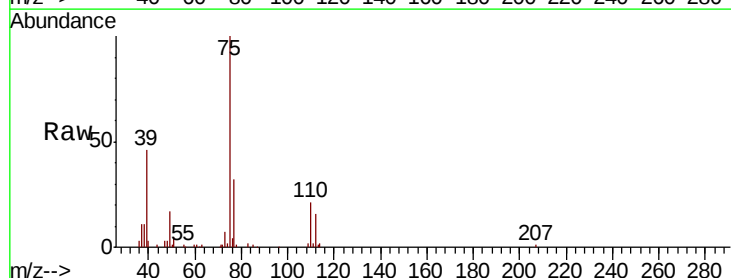
Tgt Ion: 75 Resp: 28808

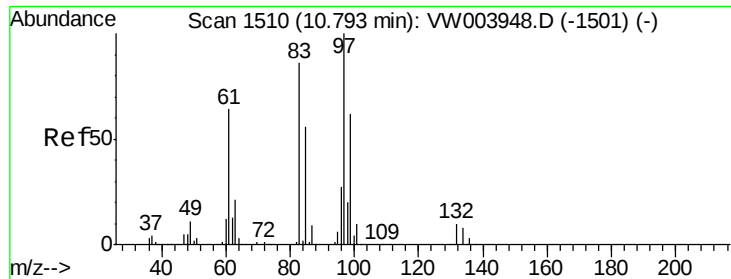
Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.4

39 45.6 39.0 58.6

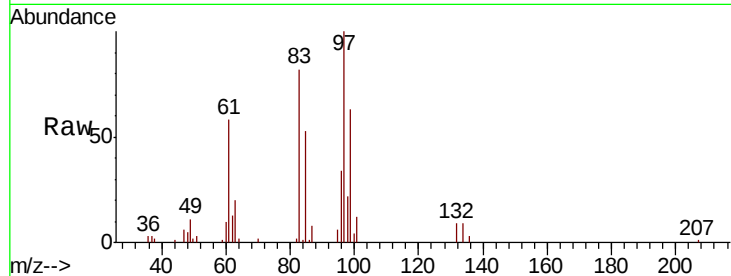




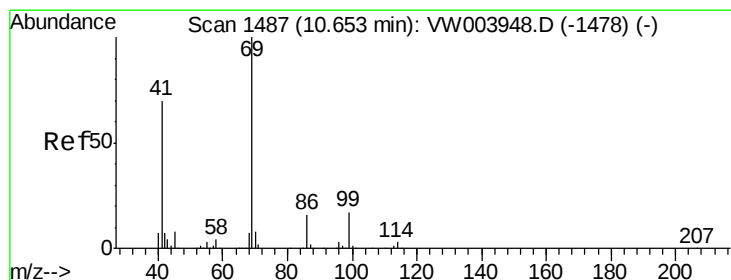
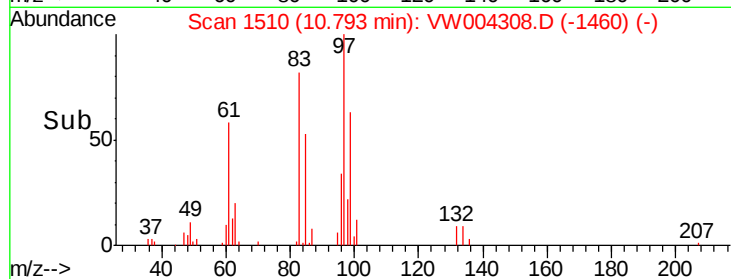
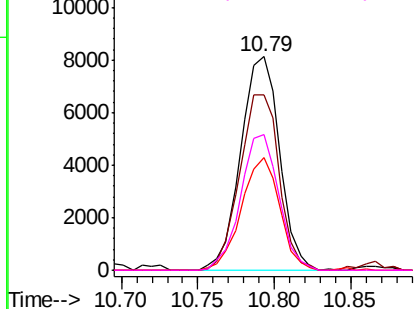
#55
 1,1,2-Trichloroethane
 Concen: 9.713 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VW004308.D
 Acq: 29 Jul 2018 12:12

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 97 Resp: 14384
 Ion Ratio Lower Upper
 97 100
 83 82.0 70.8 106.2
 85 52.8 43.7 65.5
 99 63.3 45.1 67.7

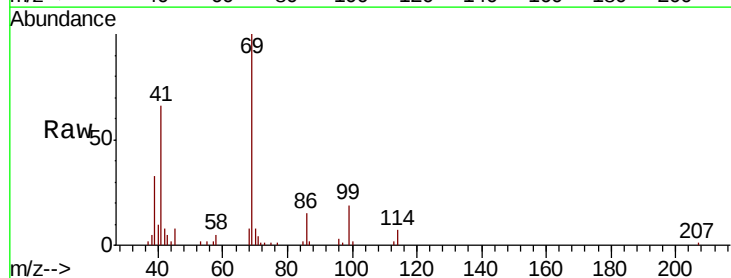


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

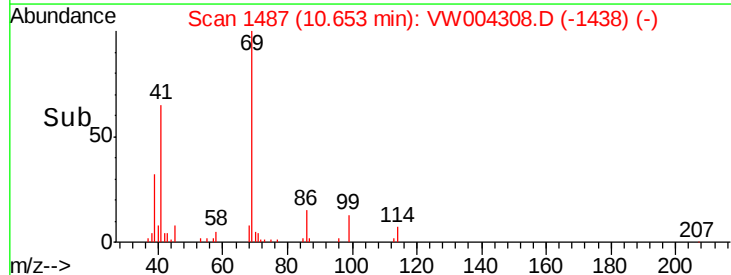
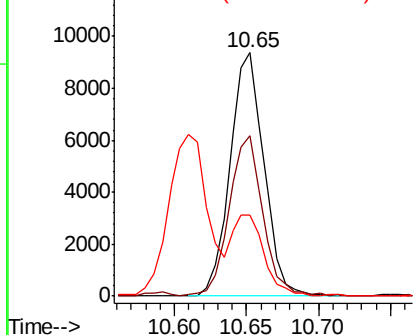


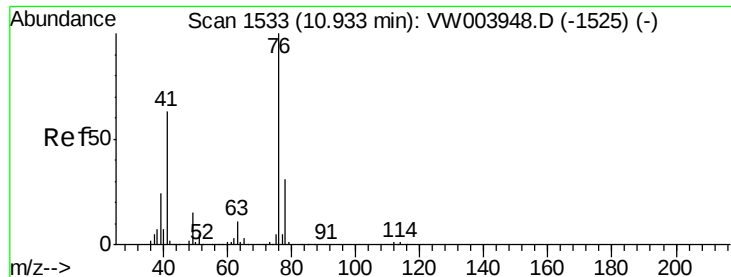
#56
 Ethyl methacrylate
 Concen: 8.587 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW004308.D
 Acq: 29 Jul 2018 12:12

Tgt Ion: 69 Resp: 15387
 Ion Ratio Lower Upper
 69 100
 41 65.9 54.7 82.1
 39 31.8 24.4 36.6



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

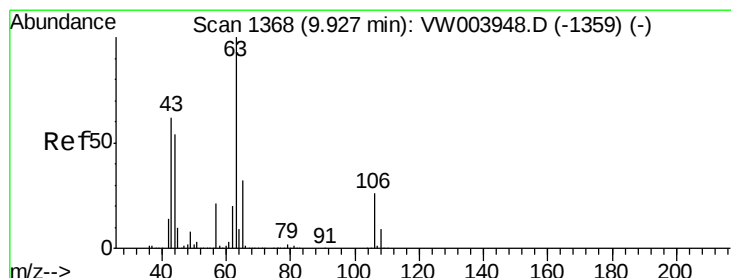
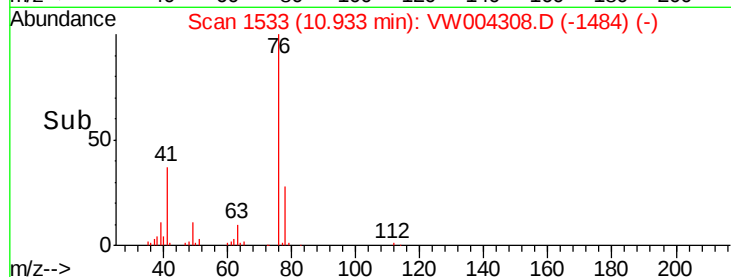
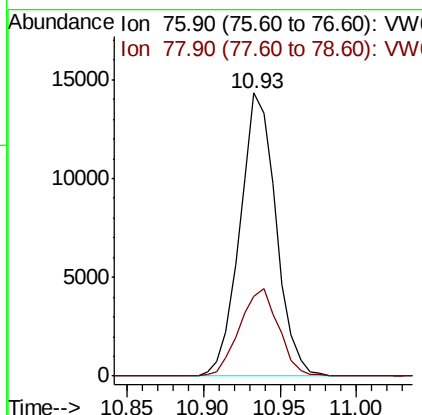
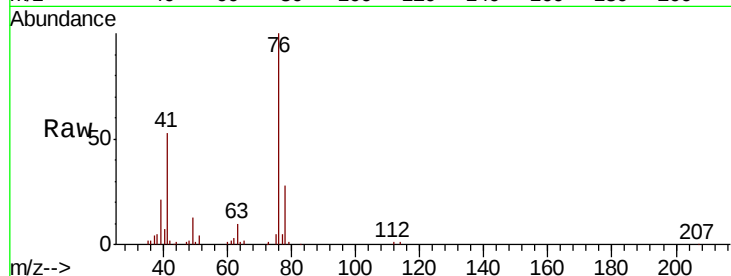




#57
 1,3-Dichloropropane
 Concen: 9.274 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.00 min
 Lab File: VW004308.D
 Acq: 29 Jul 2018 12:12

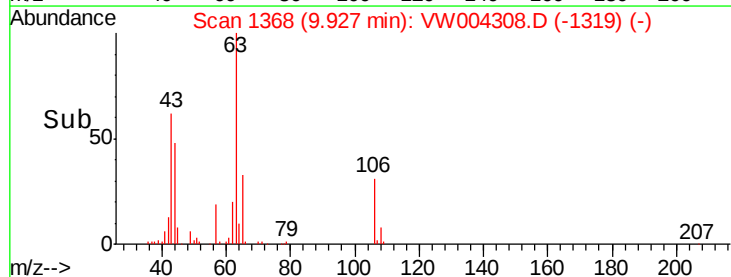
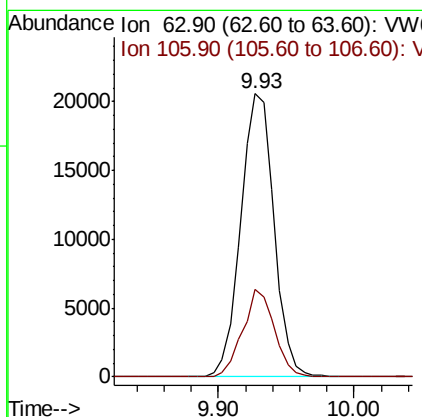
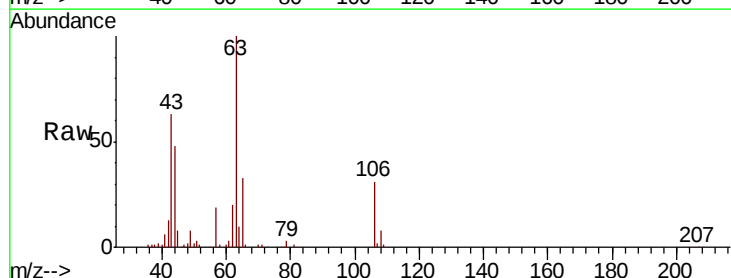
Instrument :
 MSVOA_W
 ClientSampleId :

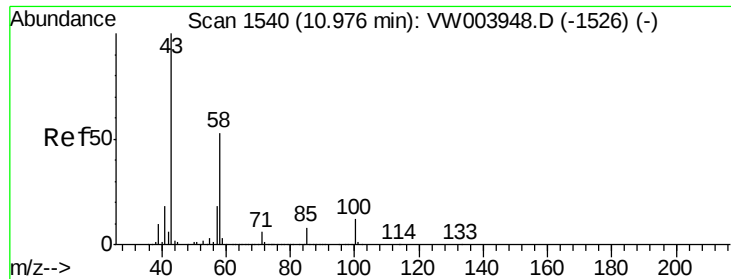
Tot Ion: 76 Resp: 23398
 Ion Ratio Lower Upper
 76 100
 78 33.4 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 44.119 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VW004308.D
 Acq: 29 Jul 2018 12:12

Tgt Ion: 63 Resp: 35120
 Ion Ratio Lower Upper
 63 100
 106 29.3 21.9 32.9

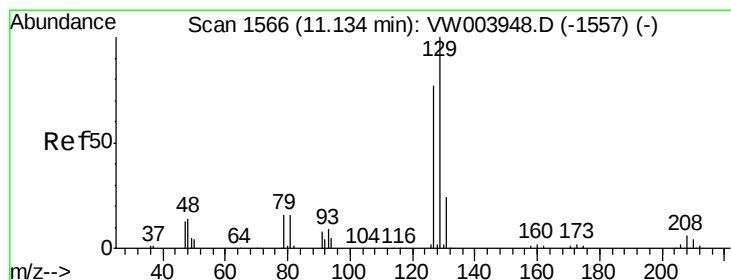
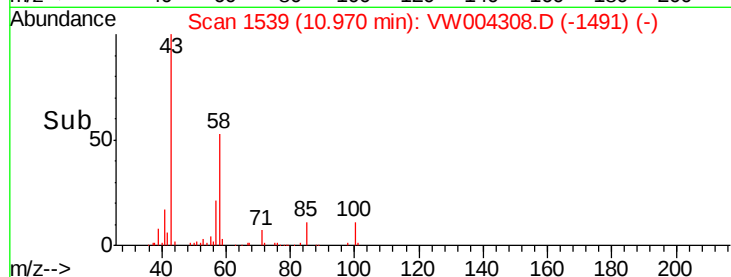
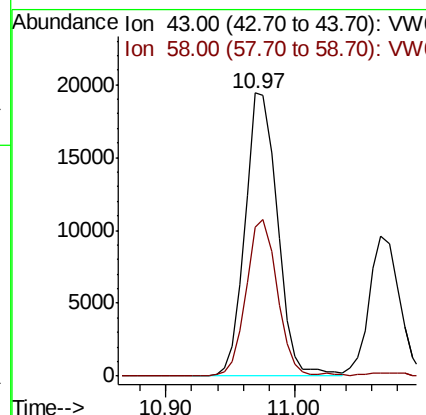
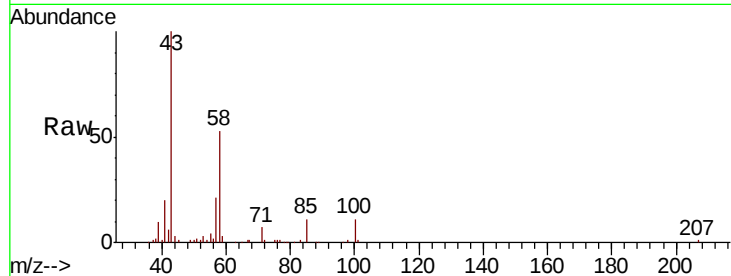




#59
2-Hexanone
Concen: 41.611 ug/l
RT: 10.97 min Scan# 1539
Delta R.T. -0.01 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

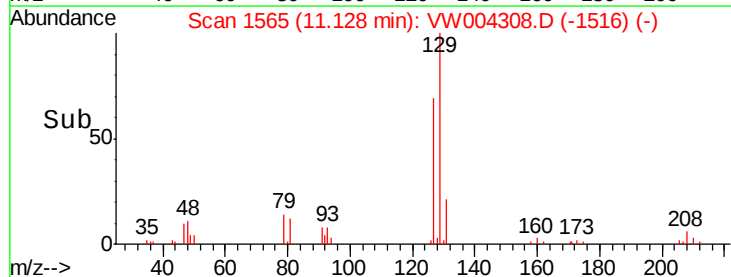
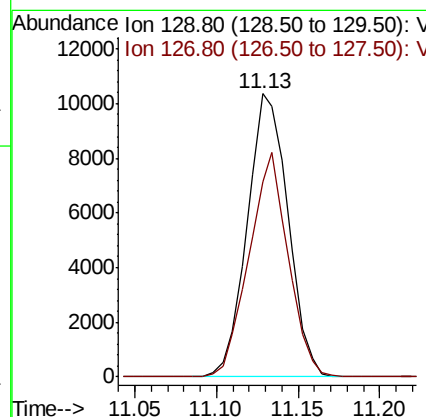
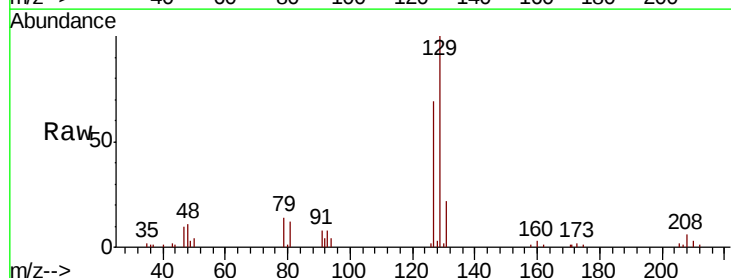
Instrument :
MSVOA_W
ClientSampled :

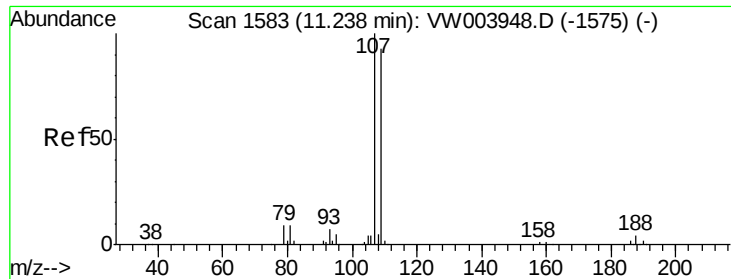
Tot Ion: 43 Resp: 33767
Ion Ratio Lower Upper
43 100
58 53.0 26.5 79.4



#60
Dibromochloromethane
Concen: 10.138 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Tgt Ion: 129 Resp: 17964
Ion Ratio Lower Upper
129 100
127 76.1 38.9 116.7

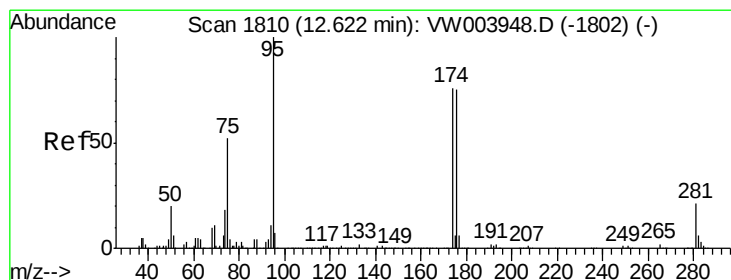
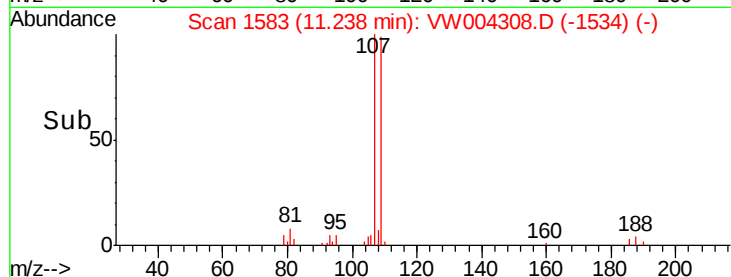
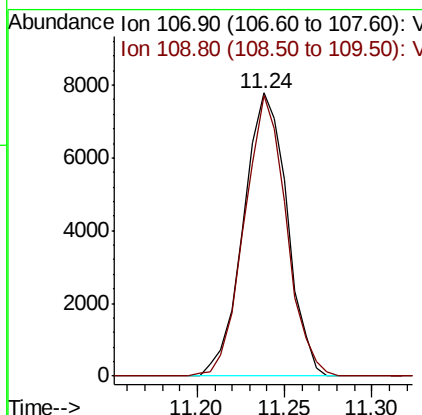
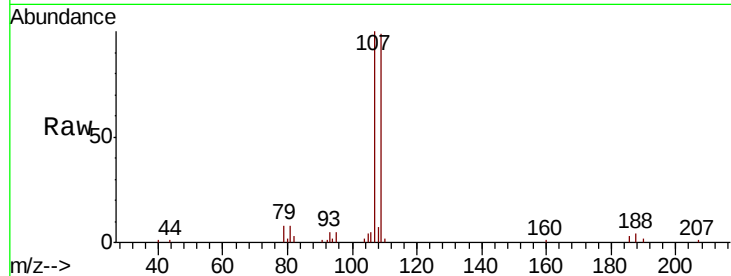




#61
 1,2-Dibromoethane
 Concen: 9.632 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW004308.D
 Acq: 29 Jul 2018 12:12

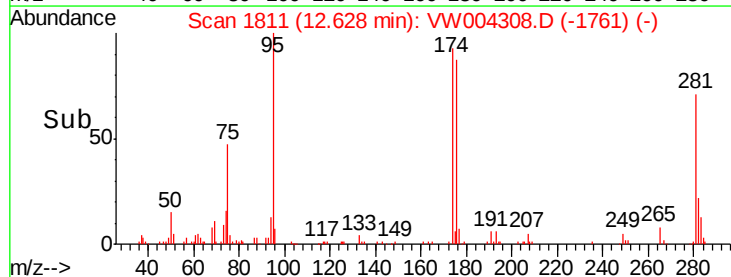
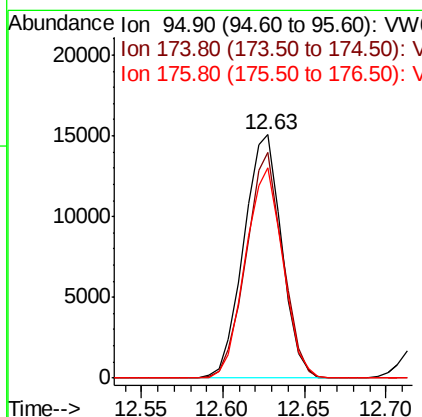
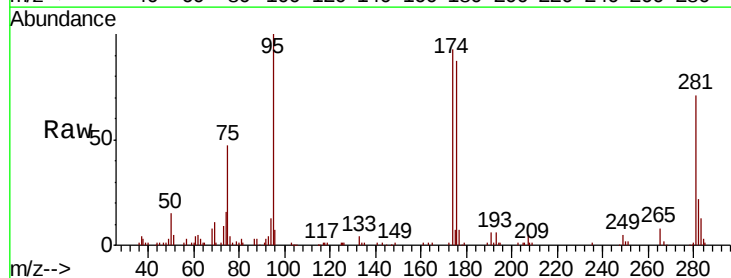
Instrument :
 MSVOA_W
 ClientSampleId :

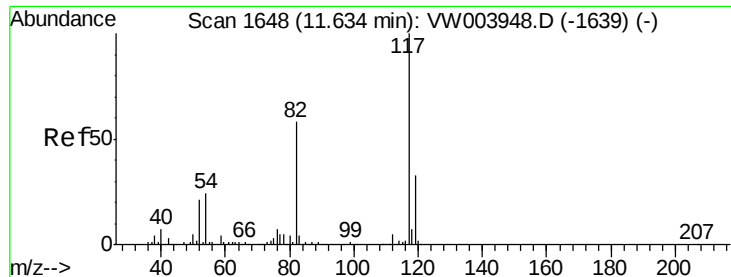
Tot Ion:107 Resp: 13602
 Ion Ratio Lower Upper
 107 100
 109 95.1 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 9.495 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.01 min
 Lab File: VW004308.D
 Acq: 29 Jul 2018 12:12

Tgt Ion: 95 Resp: 24337
 Ion Ratio Lower Upper
 95 100
 174 89.1 0.0 167.8
 176 85.7 0.0 162.4

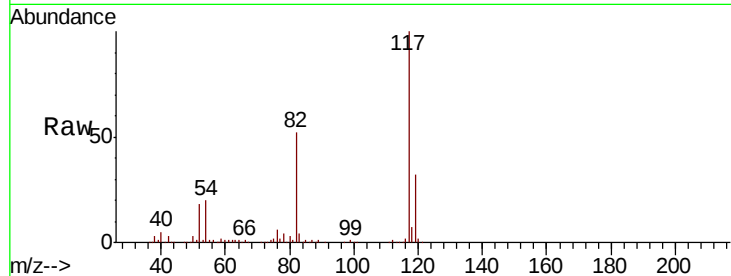




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.7	47.9	71.9
119	31.9	27.1	40.7

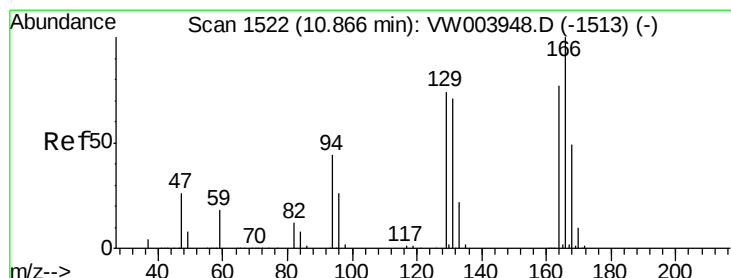
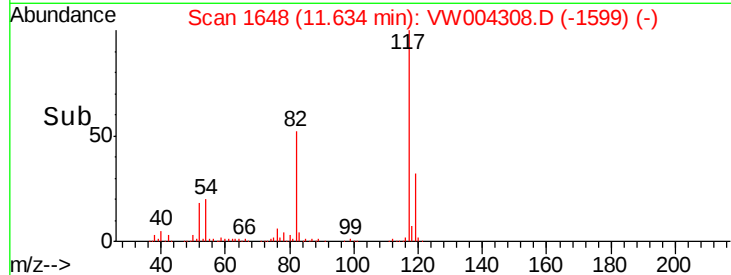
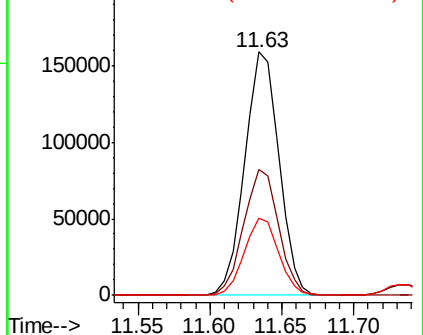


Abundance

Ion 116.90 (116.60 to 117.60): V

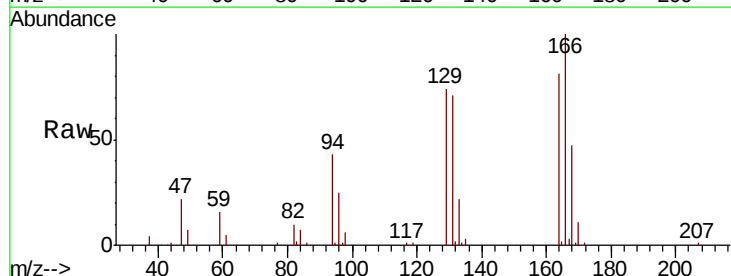
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 10.322 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.2	103.2	154.8
129	92.0	72.1	108.1
131	88.4	70.4	105.6



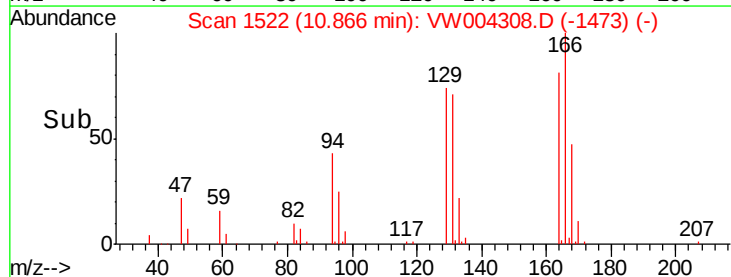
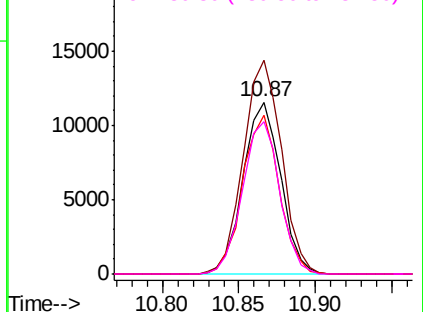
Abundance

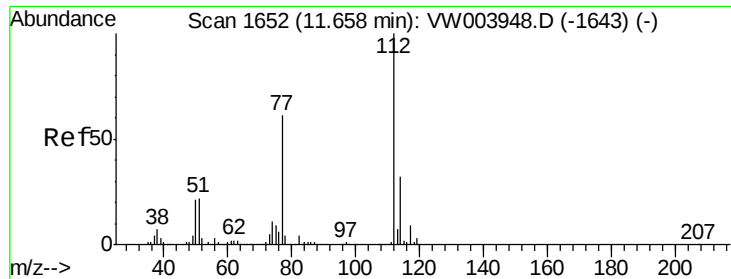
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

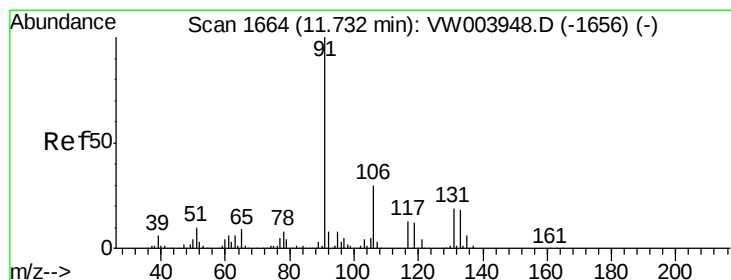
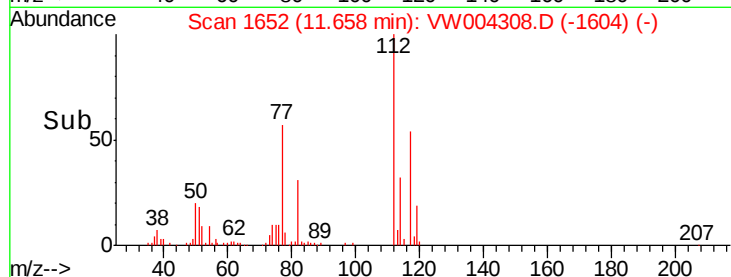
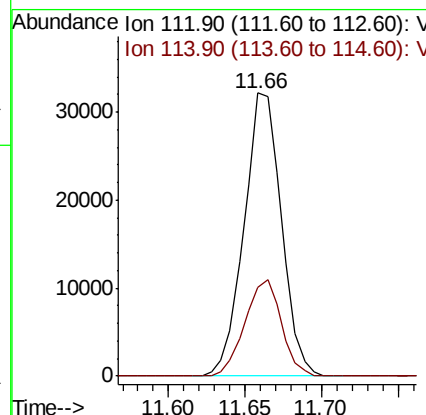
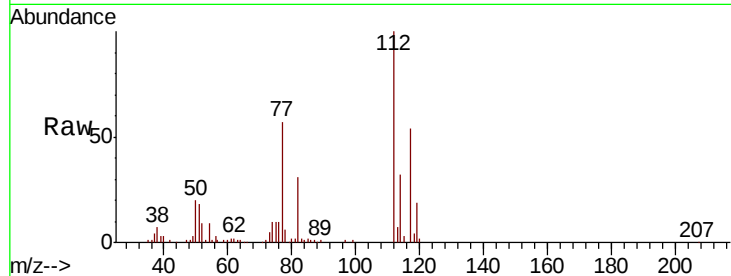




#65
Chlorobenzene
Concen: 9.908 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. -0.01 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

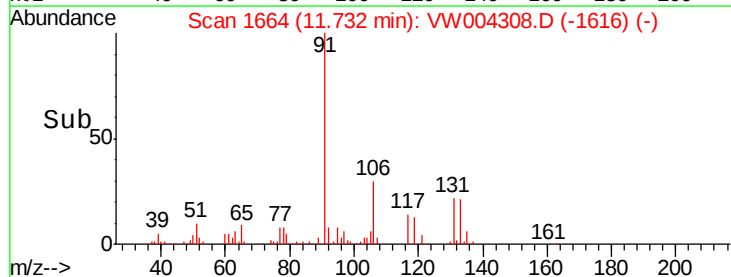
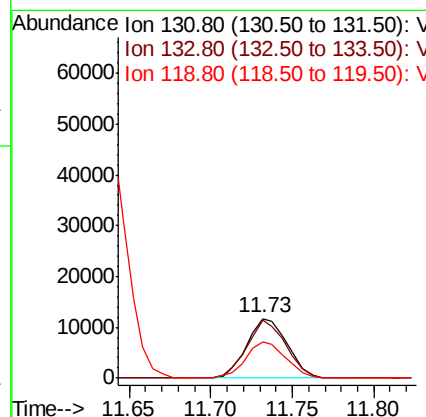
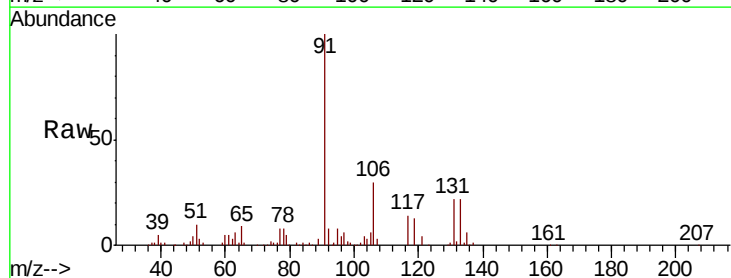
Instrument :
MSVOA_W
ClientSampleId :

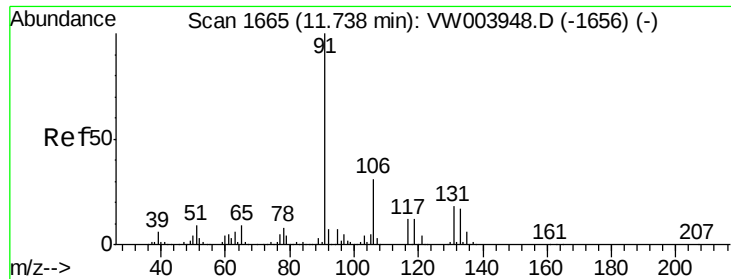
Tot Ion:112 Resp: 54500
Ion Ratio Lower Upper
112 100
114 31.6 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 10.357 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Tgt Ion:131 Resp: 20094
Ion Ratio Lower Upper
131 100
133 95.0 48.6 145.9
119 61.4 33.1 99.5





#67

Ethyl Benzene

Concen: 9.683 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Instrument :

MSVOA_W

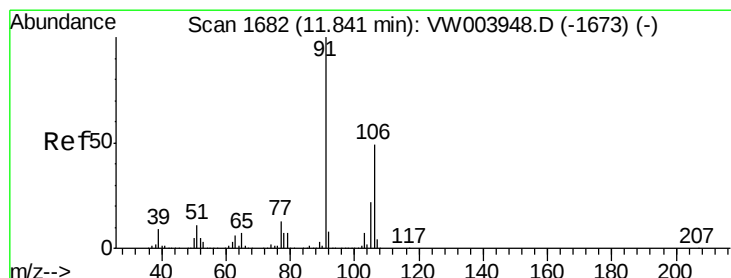
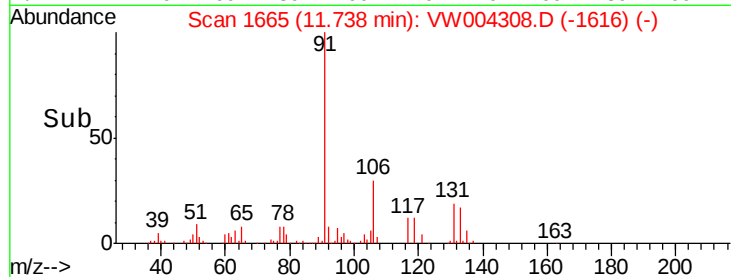
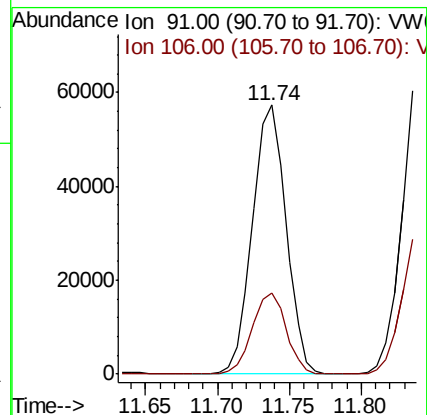
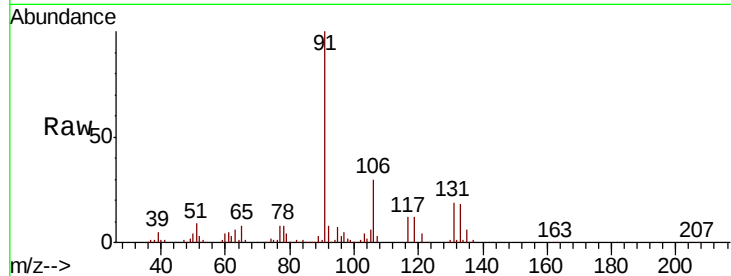
ClientSampled :

Tot Ion: 91 Resp: 92844

Ion Ratio Lower Upper

91 100

106 30.3 26.1 39.1



#68

m/p-Xylenes

Concen: 19.557 ug/l

RT: 11.85 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VW004308.D

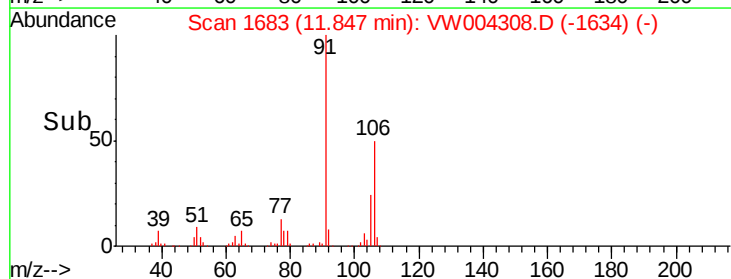
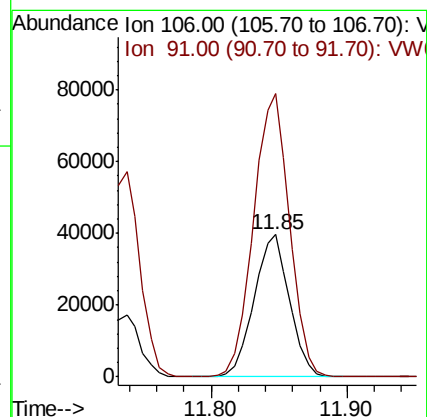
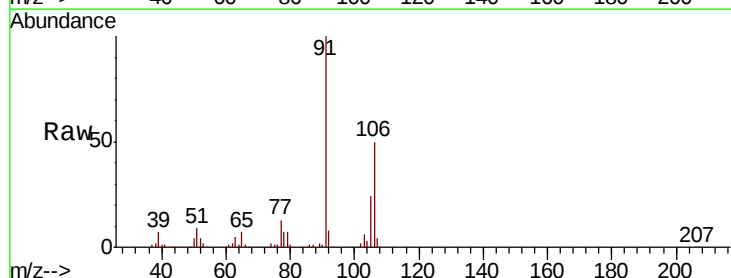
Acq: 29 Jul 2018 12:12

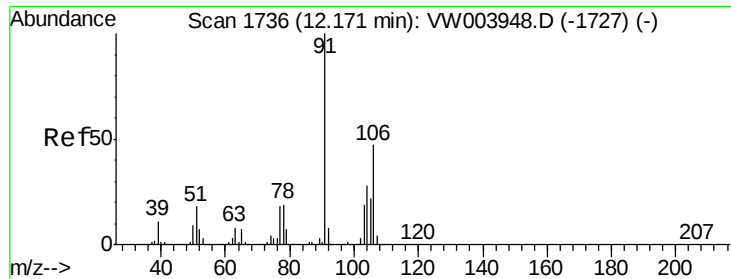
Tgt Ion: 106 Resp: 72162

Ion Ratio Lower Upper

106 100

91 202.5 162.2 243.2

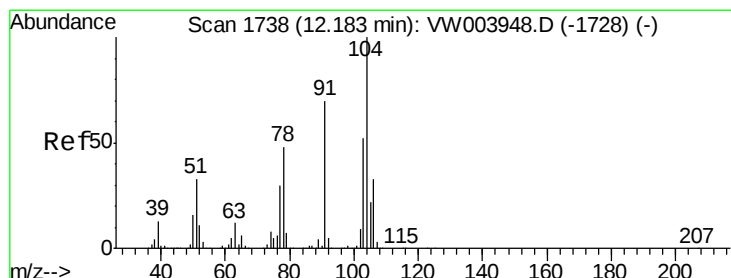
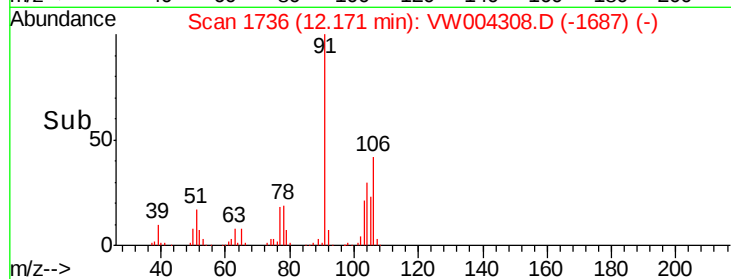
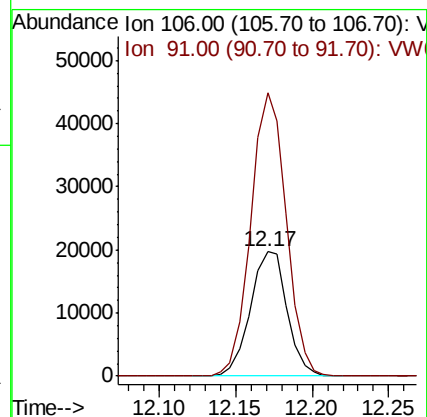
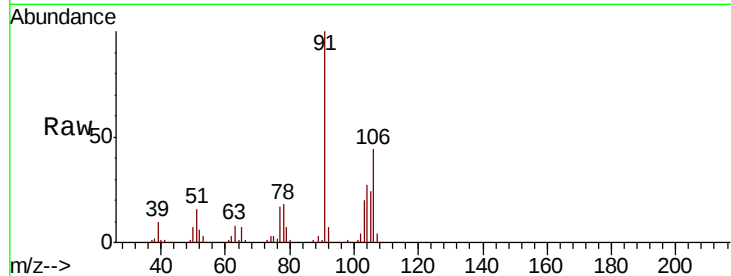




#69
o-Xylene
Concen: 9.616 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

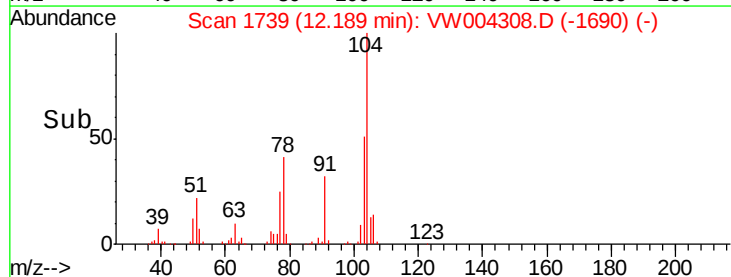
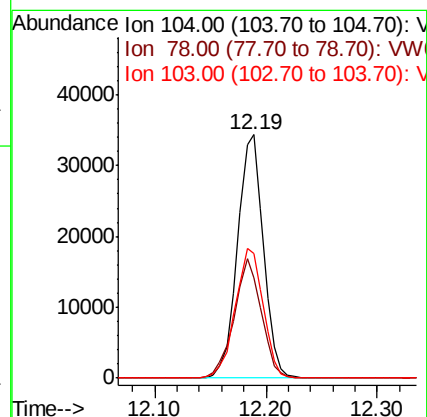
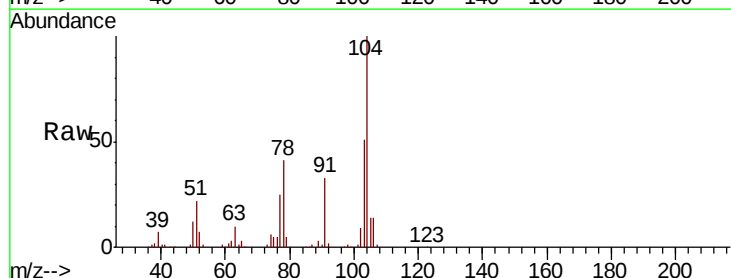
Instrument :
MSVOA_W
ClientSampled :

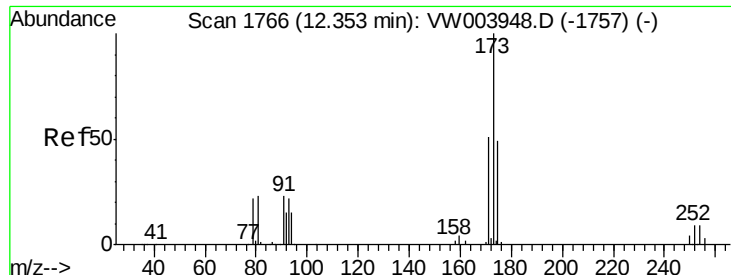
Tot Ion:106 Resp: 32783
Ion Ratio Lower Upper
106 100
91 220.5 108.7 326.1



#70
Styrene
Concen: 9.607 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Tgt Ion:104 Resp: 55332
Ion Ratio Lower Upper
104 100
78 51.4 40.9 61.3
103 57.4 45.0 67.6





#71

Bromoform

Concen: 9.855 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Instrument :

MSVOA_W

ClientSampled :

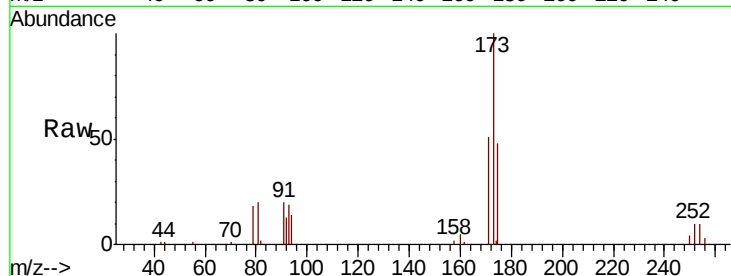
Tot Ion:173 Resp: 10715

Ion Ratio Lower Upper

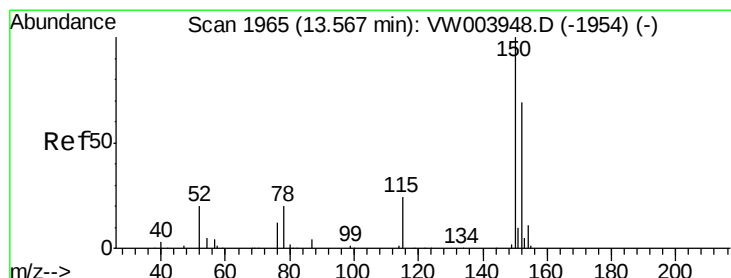
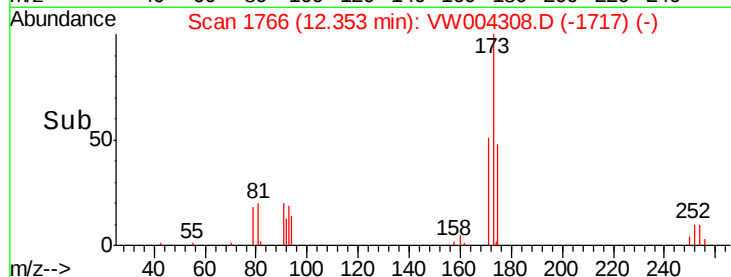
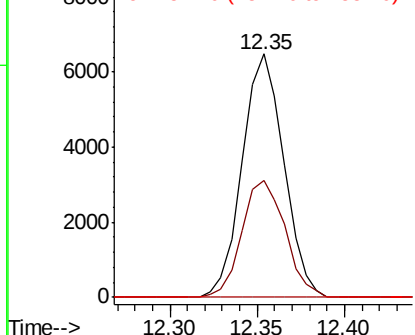
173 100

175 49.9 24.5 73.5

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

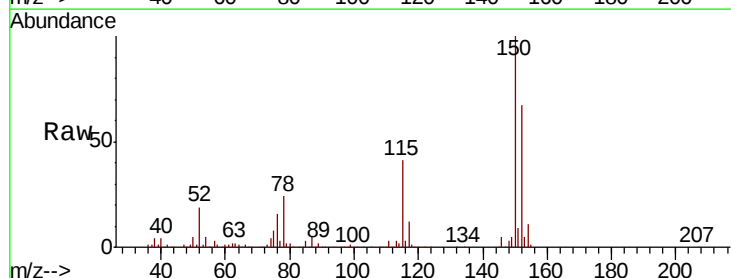
Tgt Ion:152 Resp: 141369

Ion Ratio Lower Upper

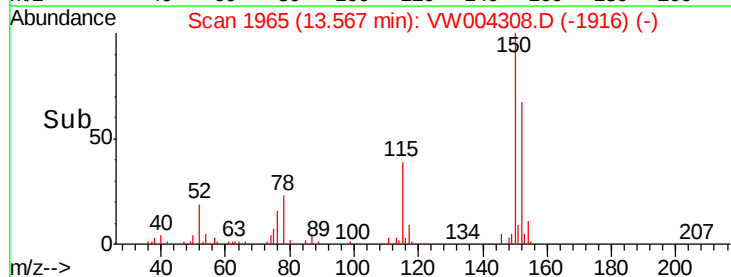
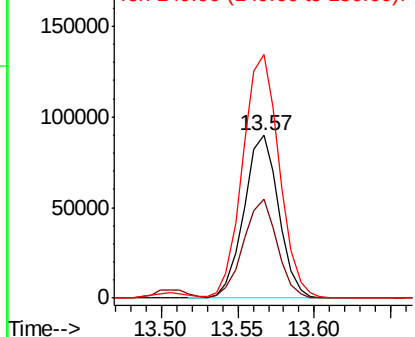
152 100

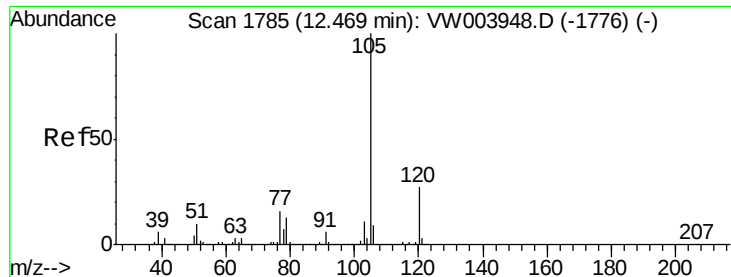
115 59.3 28.8 86.4

150 157.9 0.0 346.4



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





#73

Isopropylbenzene

Concen: 9.503 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Instrument :

MSVOA_W

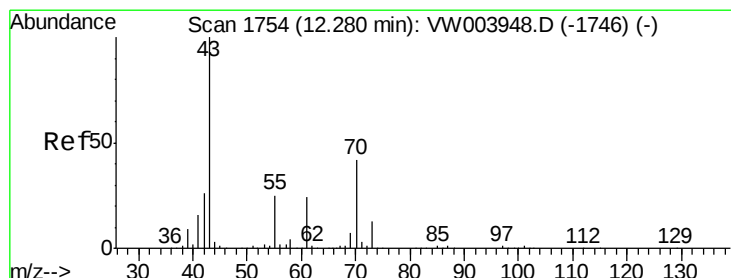
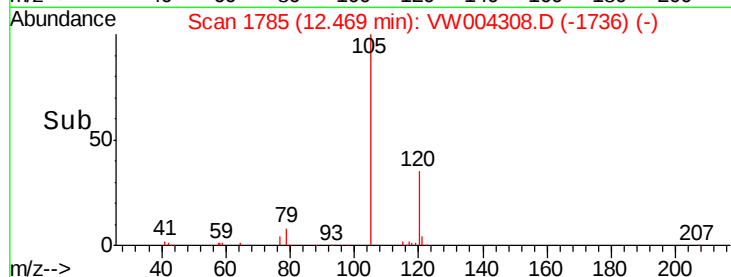
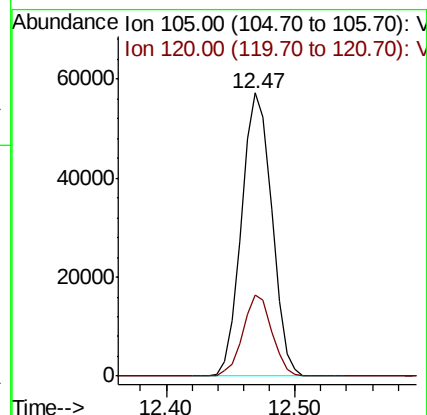
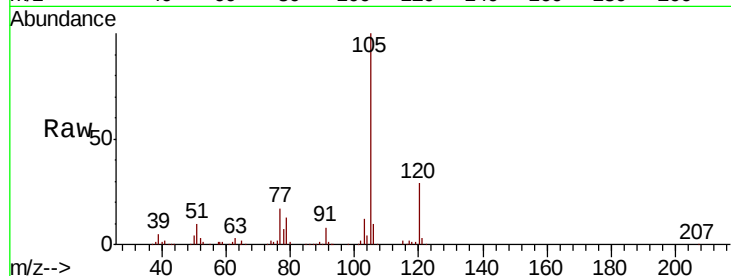
ClientSampleId :

Tot Ion:105 Resp: 93153

Ion Ratio Lower Upper

105 100

120 27.4 13.2 39.6



#74

N-ethyl acetate

Concen: 7.997 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Tgt Ion: 43 Resp: 16987

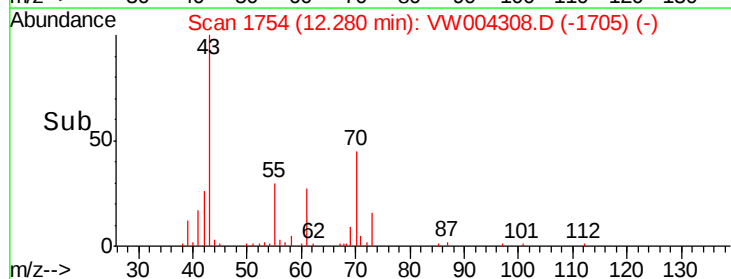
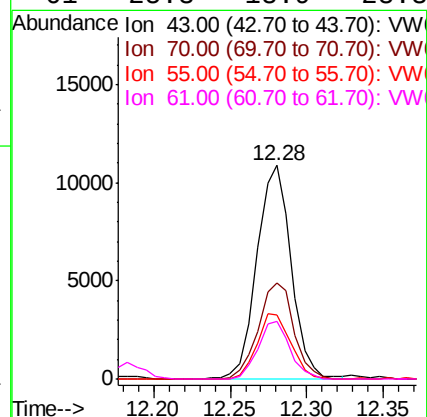
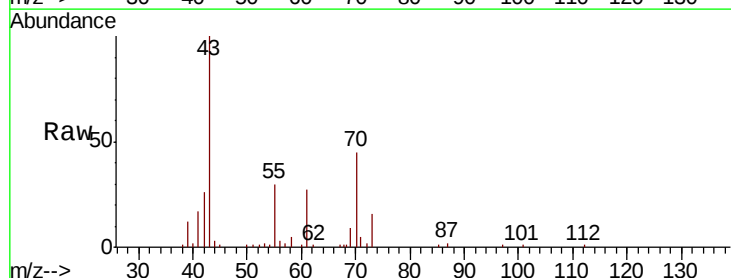
Ion Ratio Lower Upper

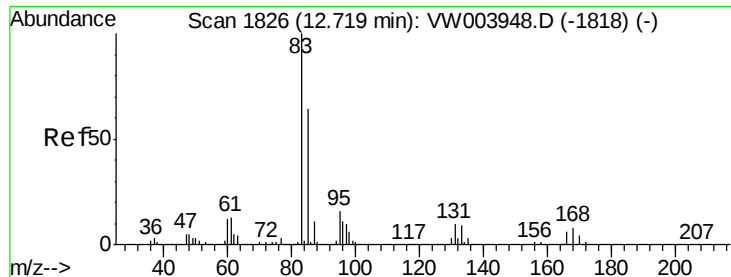
43 100

70 46.4 34.2 51.4

55 30.1 21.8 32.8

61 25.3 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 9.343 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Instrument :

MSVOA_W

ClientSampled :

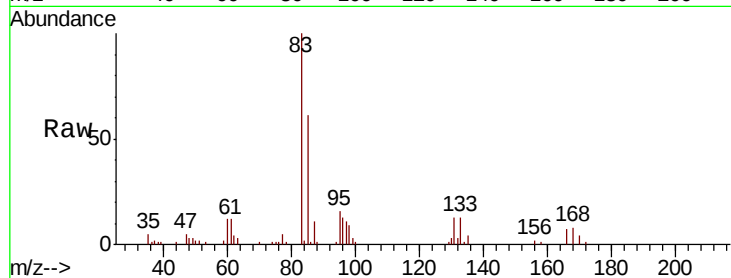
Tot Ion: 83 Resp: 16043

Ion Ratio Lower Upper

83 100

131 13.8 5.5 16.4

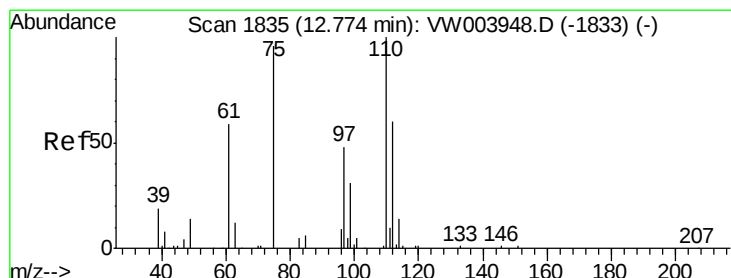
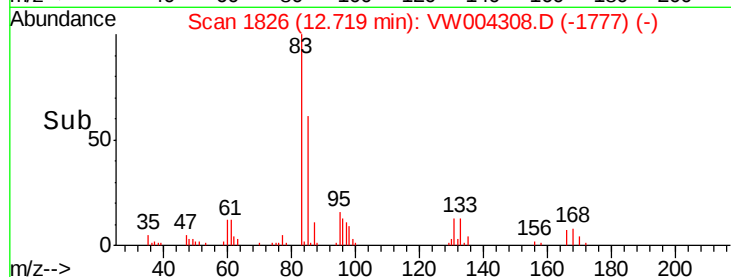
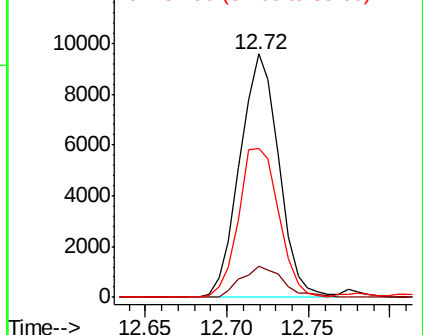
85 62.9 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 9.715 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW004308.D

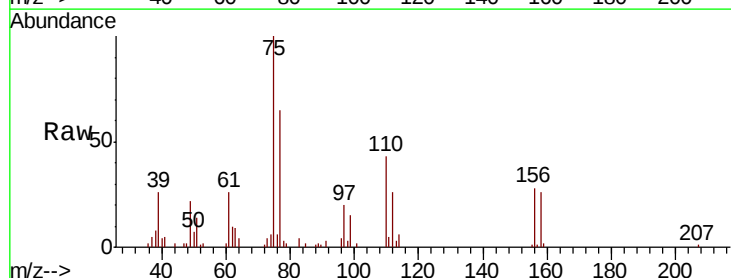
Acq: 29 Jul 2018 12:12

Tgt Ion: 75 Resp: 20931

Ion Ratio Lower Upper

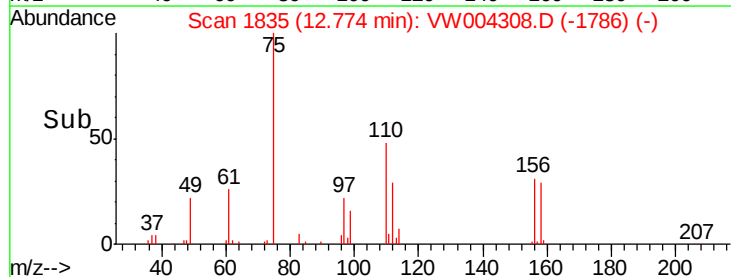
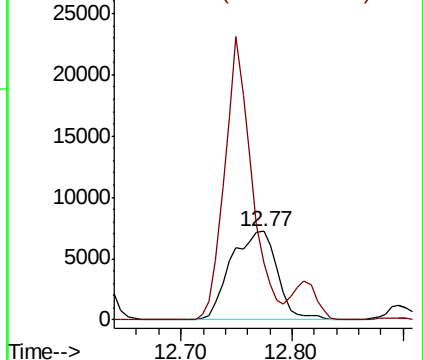
75 100

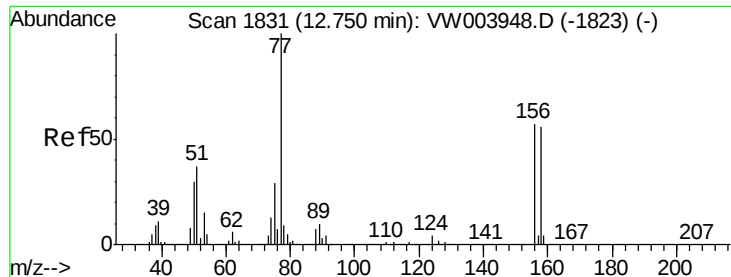
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 9.938 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Instrument :

MSVOA_W

ClientSampled :

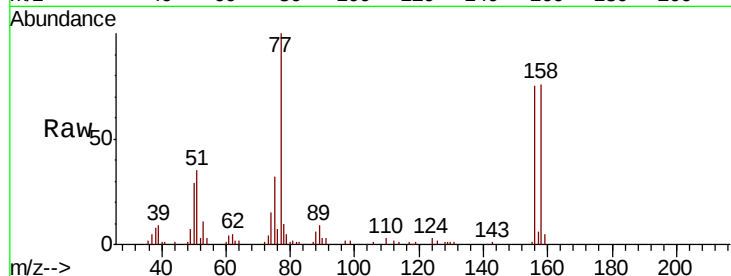
Tot Ion:156 Resp: 23538

Ion Ratio Lower Upper

156 100

77 166.2 92.9 278.7

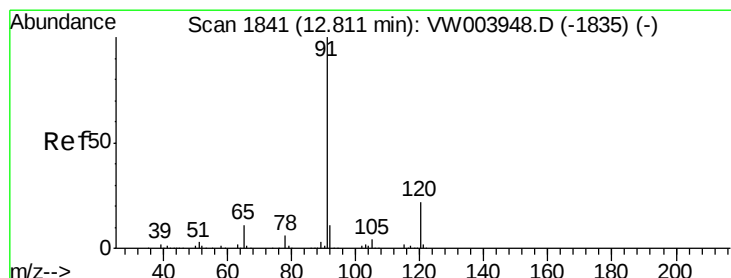
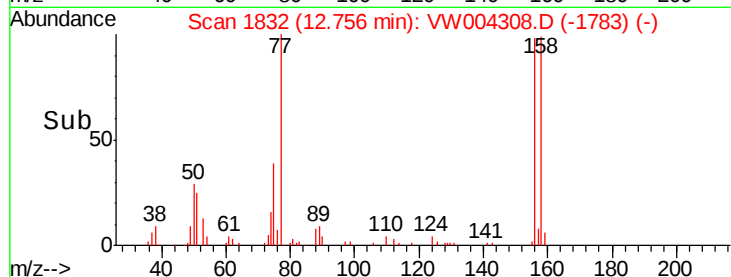
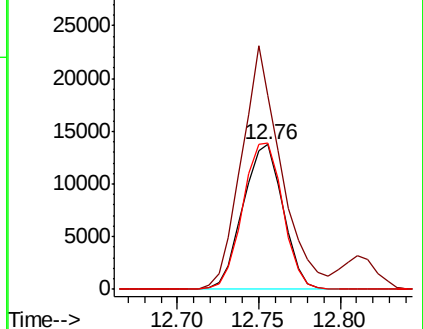
158 100.6 47.6 142.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 9.468 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW004308.D

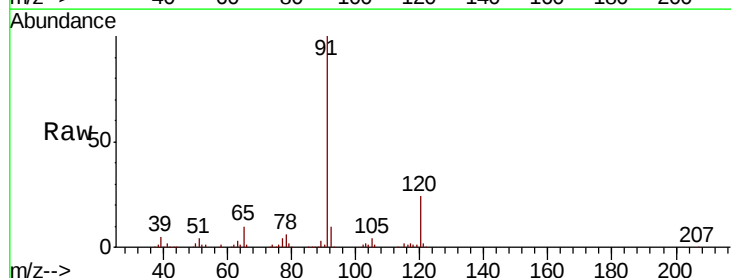
Acq: 29 Jul 2018 12:12

Tgt Ion: 91 Resp: 113065

Ion Ratio Lower Upper

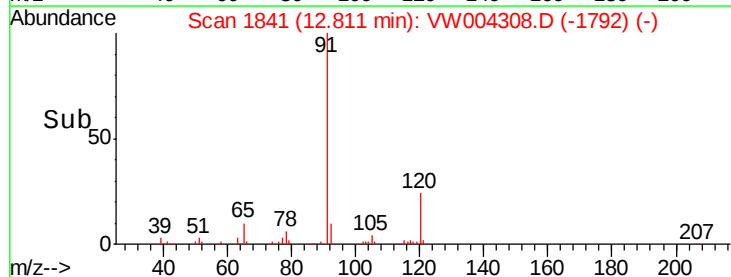
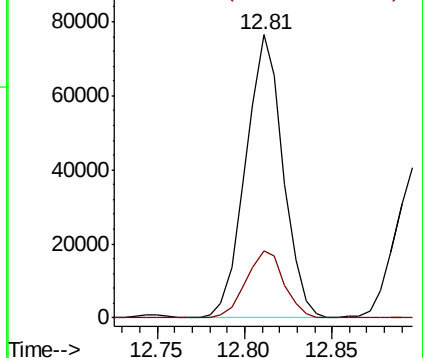
91 100

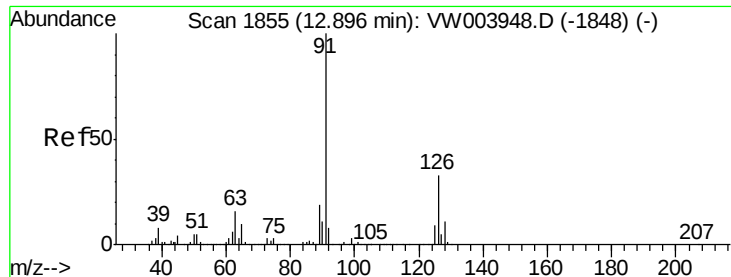
120 24.1 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 9.597 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Instrument :

MSVOA_W

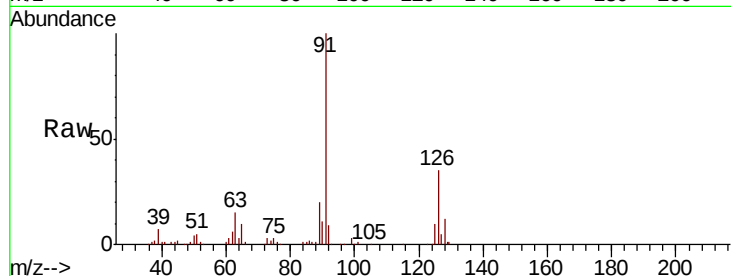
ClientSampled :

Tot Ion: 91 Resp: 65552

Ion Ratio Lower Upper

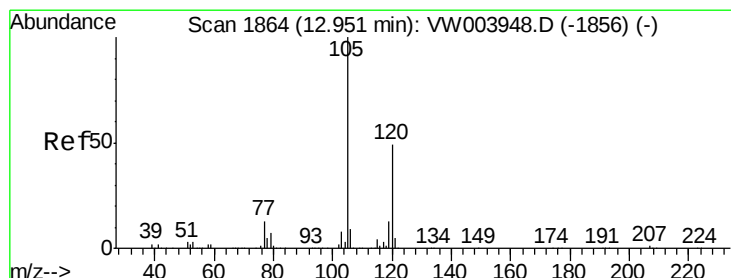
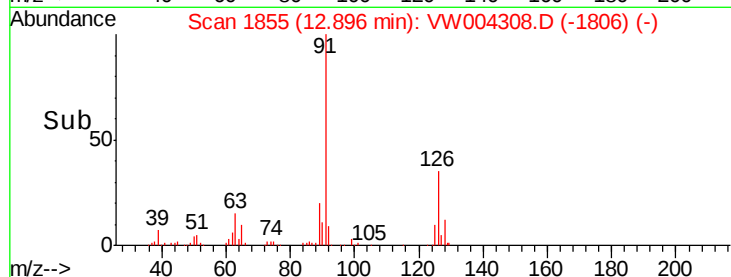
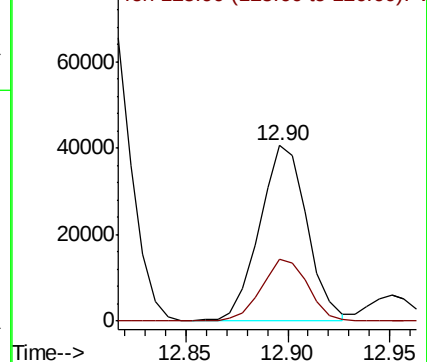
91 100

126 34.9 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 9.819 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW004308.D

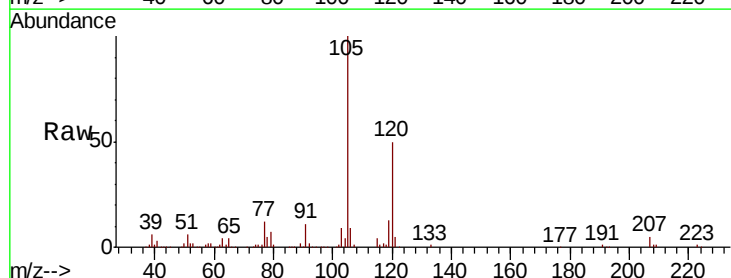
Acq: 29 Jul 2018 12:12

Tgt Ion:105 Resp: 82921

Ion Ratio Lower Upper

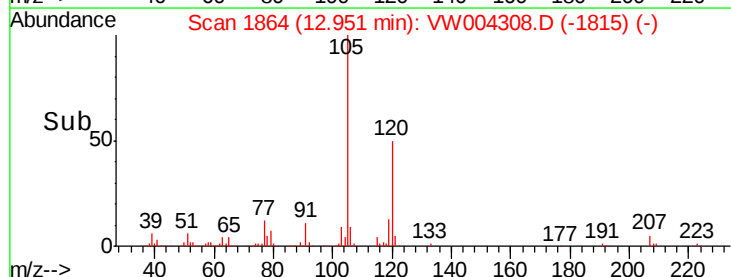
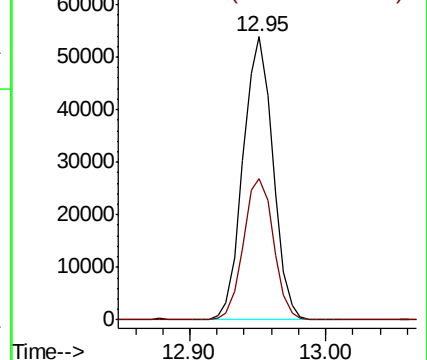
105 100

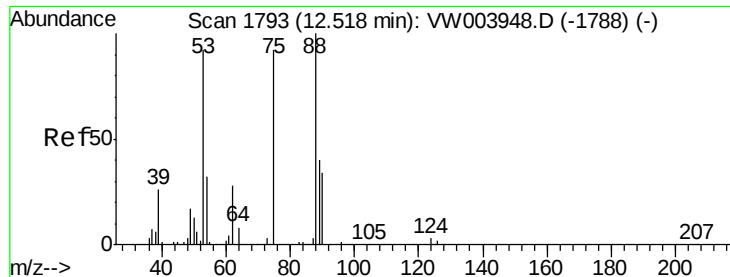
120 50.3 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 8.704 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

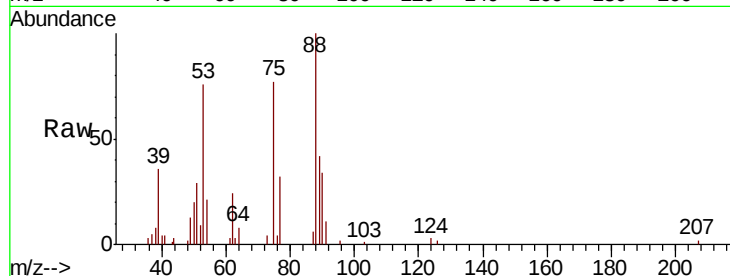
Tot Ion: 75 Resp: 4826

Ion Ratio Lower Upper

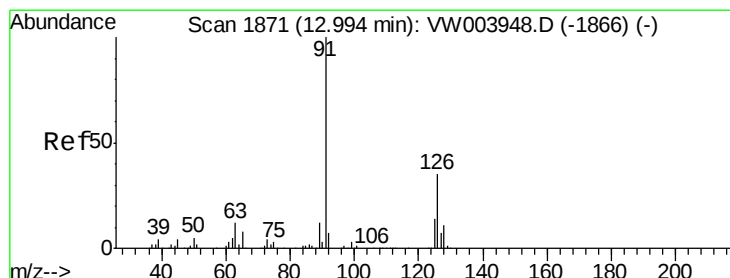
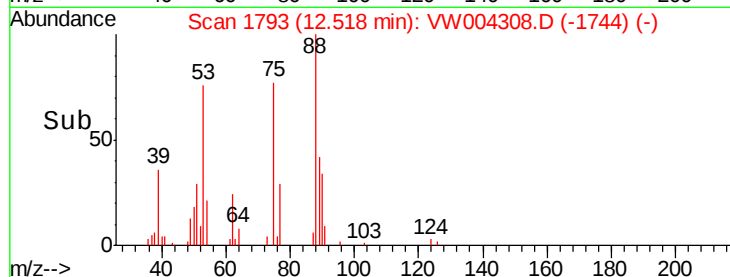
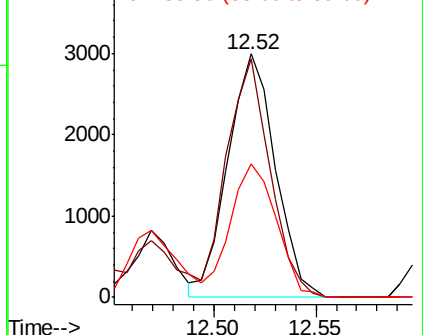
75 100

53 89.0 77.6 116.4

89 53.3 36.0 54.0



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: 10.027 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VW004308.D

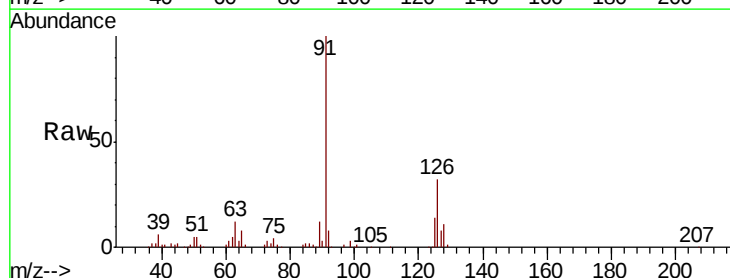
Acq: 29 Jul 2018 12:12

Tgt Ion: 91 Resp: 72469

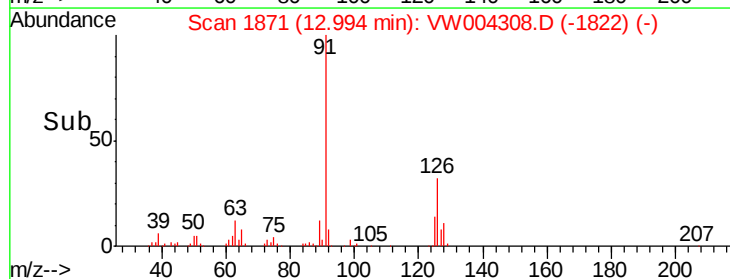
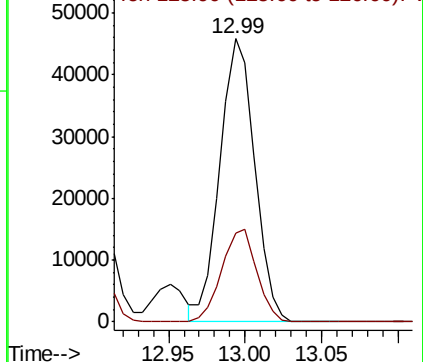
Ion Ratio Lower Upper

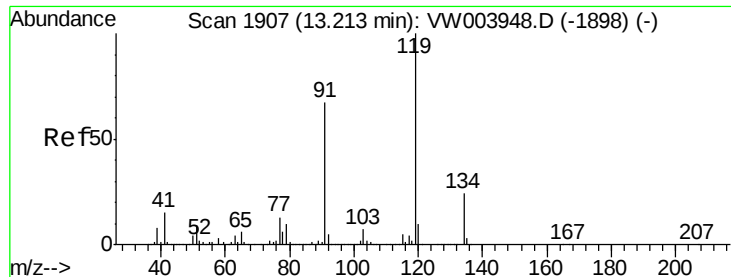
91 100

126 33.1 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 125.90 (125.60 to 126.60): V

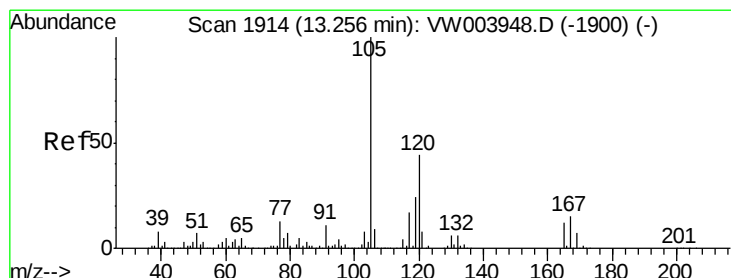
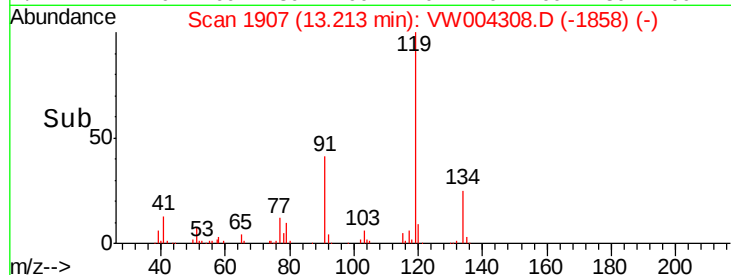
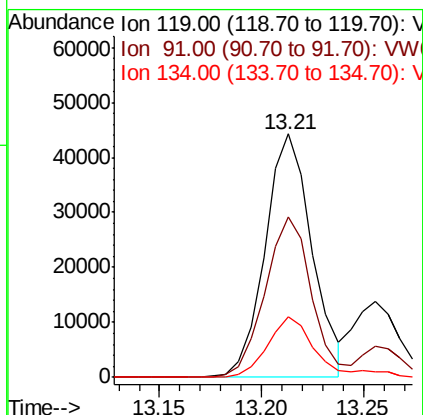
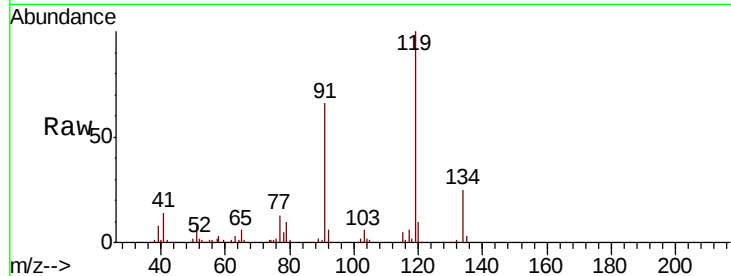




#83
tert-Butylbenzene
Concen: 10.071 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

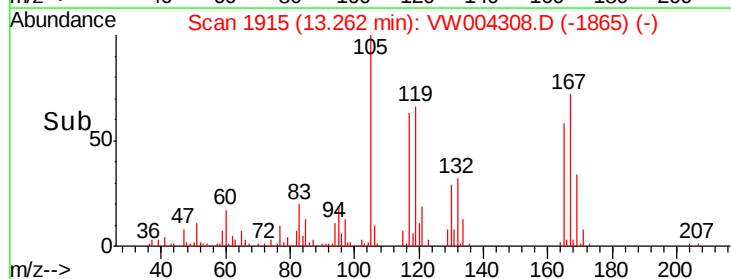
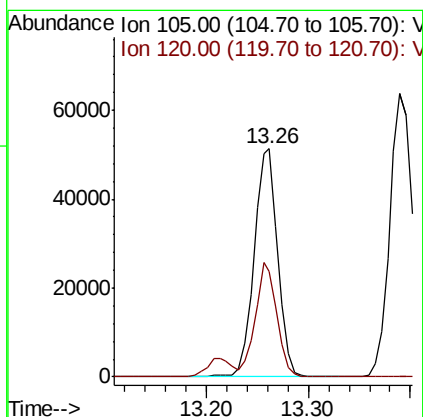
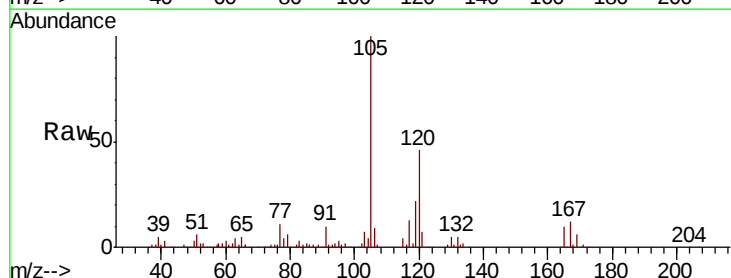
Instrument :
MSVOA_W
ClientSampled :

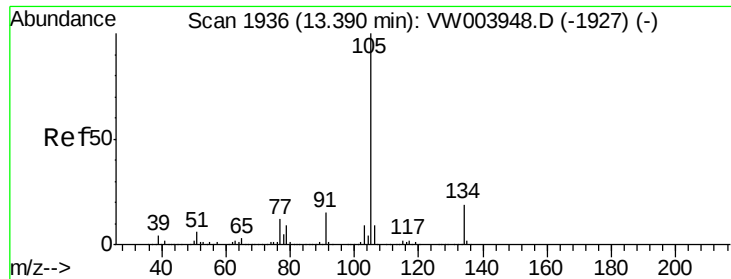
Tot Ion:119 Resp: 70850
Ion Ratio Lower Upper
119 100
91 65.6 32.8 98.3
134 23.9 12.2 36.6



#84
1,2,4-Trimethylbenzene
Concen: 9.637 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.01 min
Lab File: VW004308.D
Acq: 29 Jul 2018 12:12

Tgt Ion:105 Resp: 83000
Ion Ratio Lower Upper
105 100
120 45.5 22.7 68.0

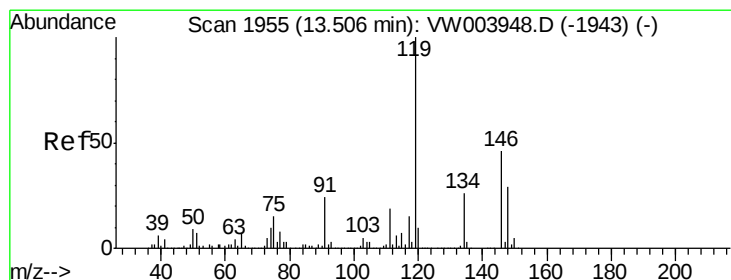
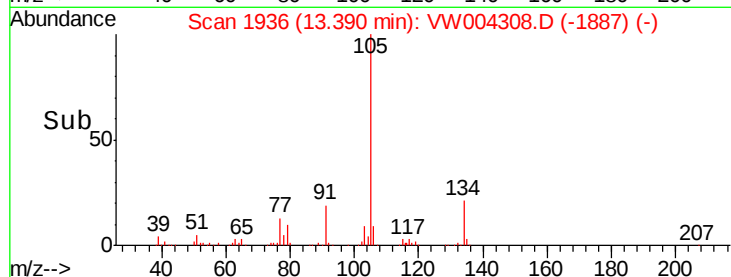
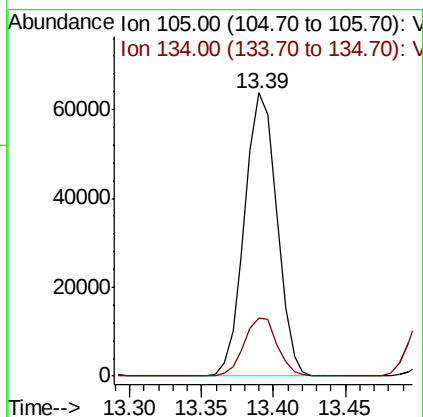
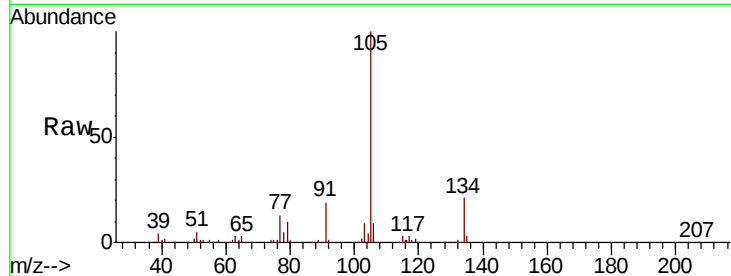




#85
 sec-Butylbenzene
 Concen: 9.667 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW004308.D
 Acq: 29 Jul 2018 12:12

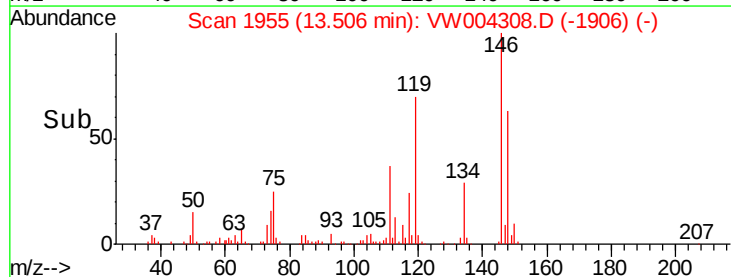
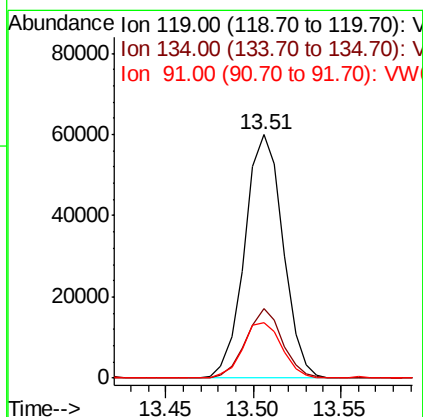
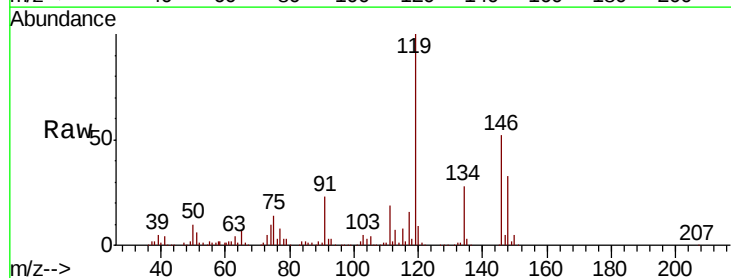
Instrument :
 MSVOA_W
 ClientSampleId :

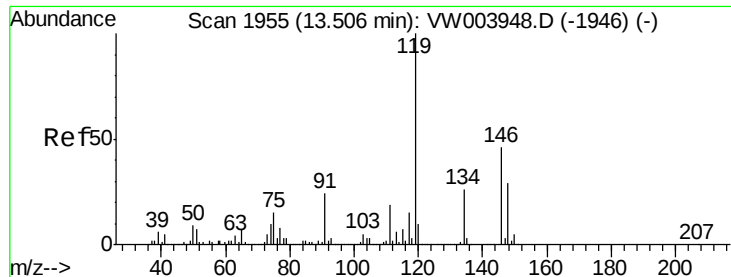
Tot Ion:105 Resp: 99342
 Ion Ratio Lower Upper
 105 100
 134 21.0 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 9.893 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004308.D
 Acq: 29 Jul 2018 12:12

Tgt Ion:119 Resp: 91301
 Ion Ratio Lower Upper
 119 100
 134 27.1 12.6 37.8
 91 23.5 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 10.081 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

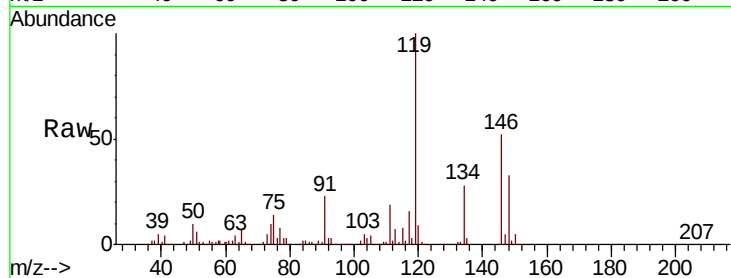
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:146 Resp: 47790

Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.9	59.6
148	64.6	31.9	95.5

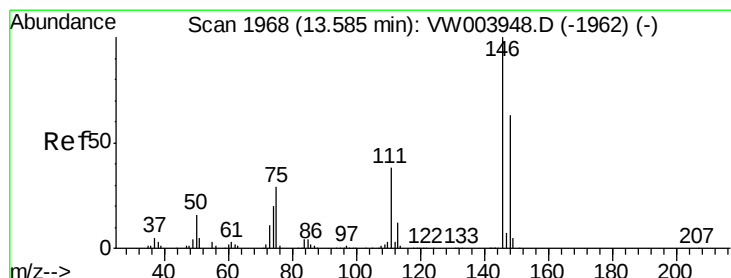
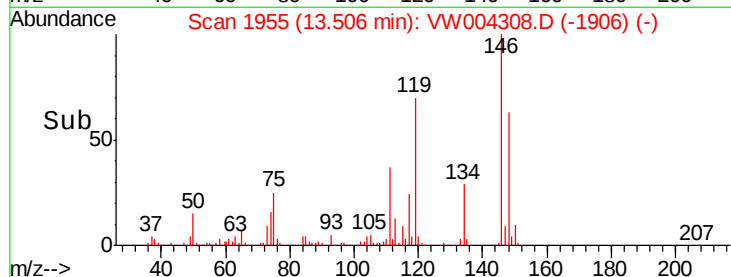
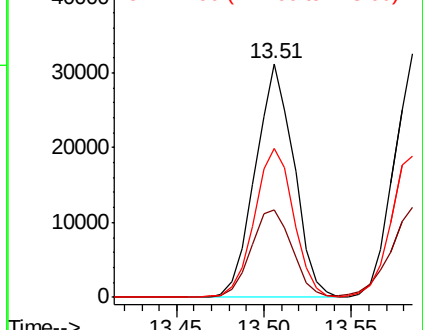


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 10.509 ug/l

RT: 13.58 min Scan# 1968

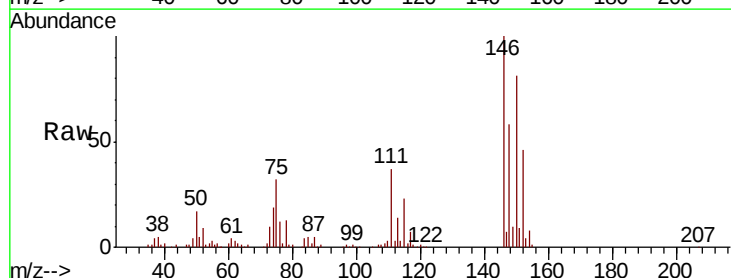
Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Tgt Ion:146 Resp: 49705

Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.4	58.1
148	63.5	32.8	98.3

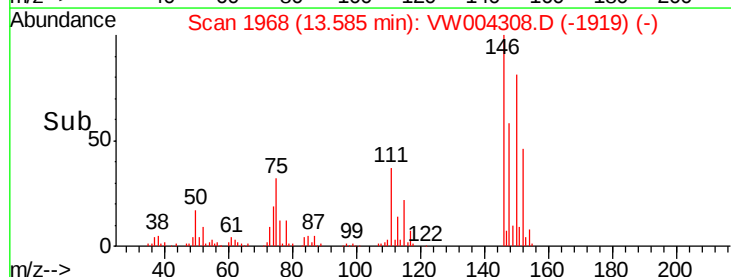
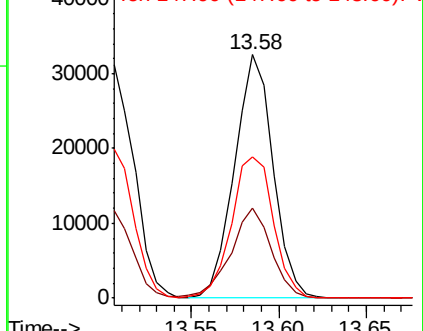


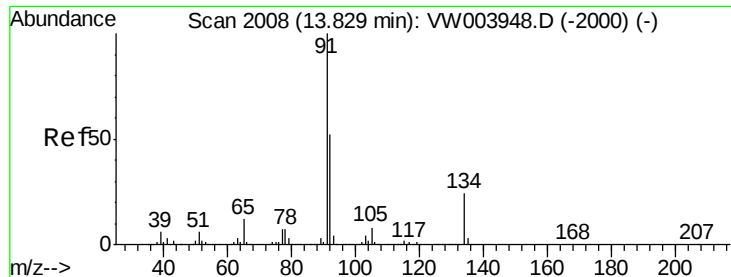
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 9.502 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. -0.00 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

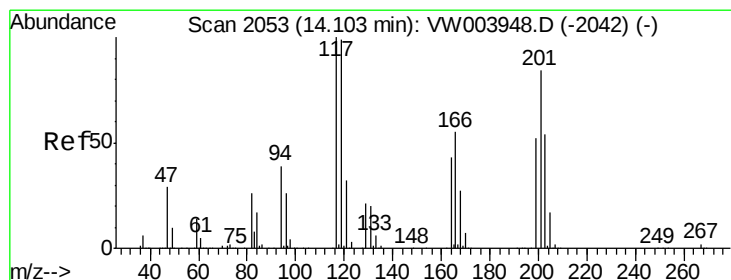
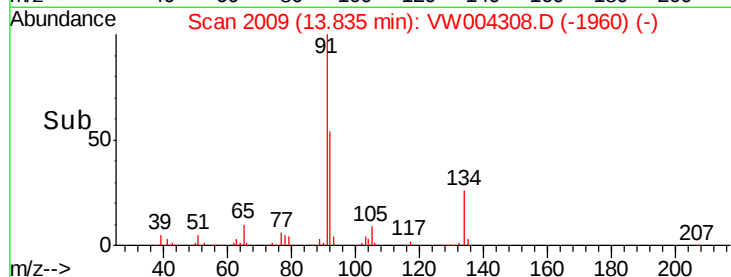
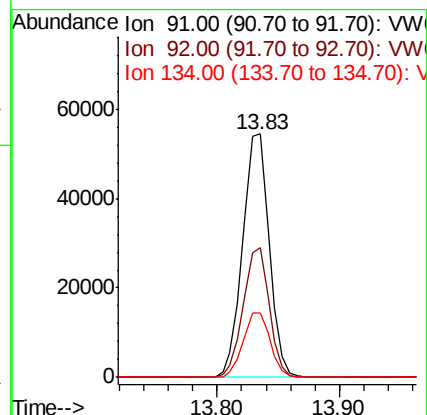
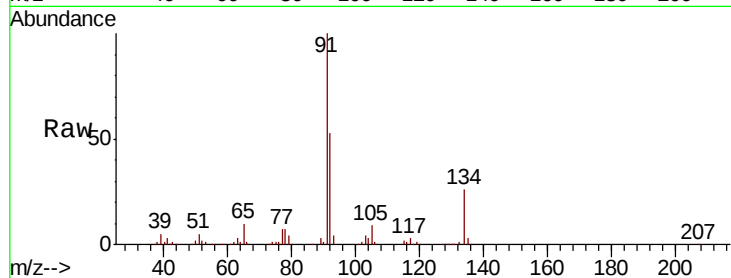
Tot Ion: 91 Resp: 81889

Ion Ratio Lower Upper

91 100

92 52.2 26.4 79.2

134 26.9 12.9 38.6



#90

Hexachloroethane

Concen: 10.094 ug/l

RT: 14.10 min Scan# 2052

Delta R.T. -0.00 min

Lab File: VW004308.D

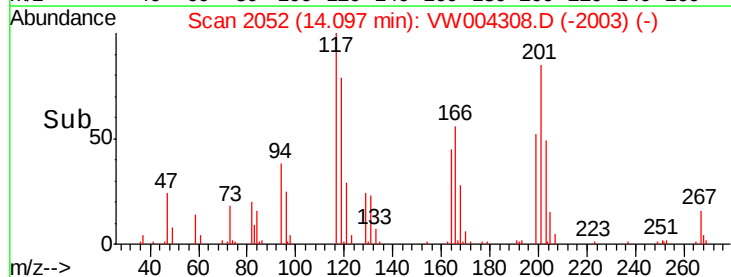
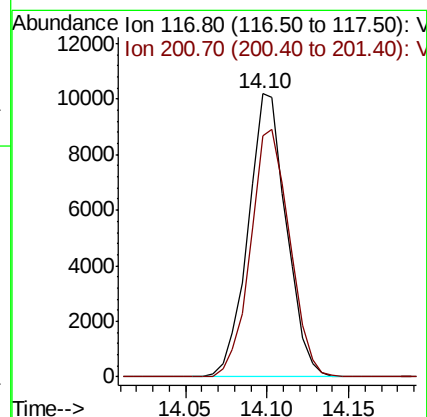
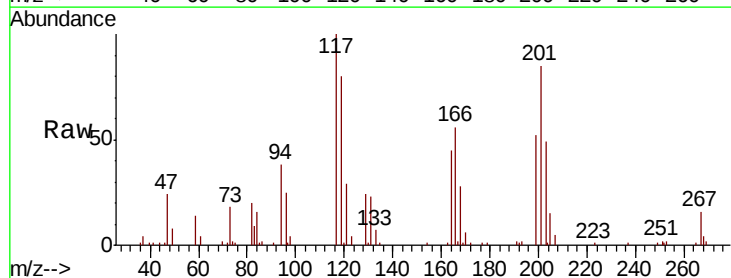
Acq: 29 Jul 2018 12:12

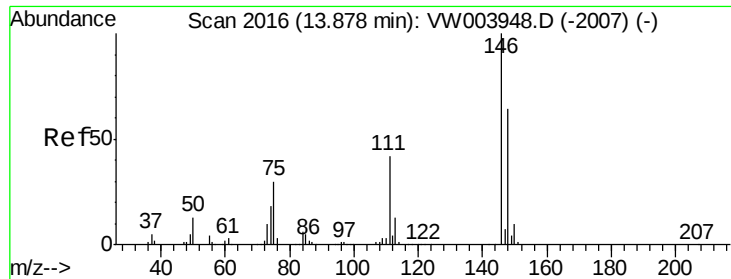
Tgt Ion: 117 Resp: 16616

Ion Ratio Lower Upper

117 100

201 89.3 41.5 124.5

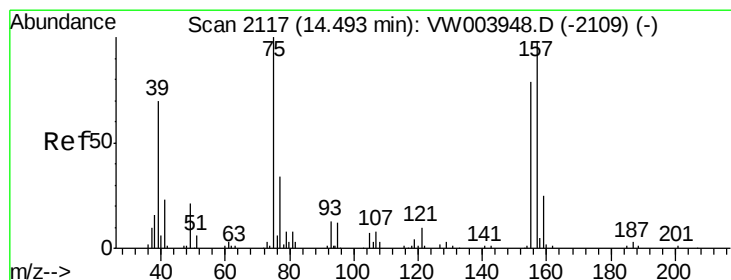
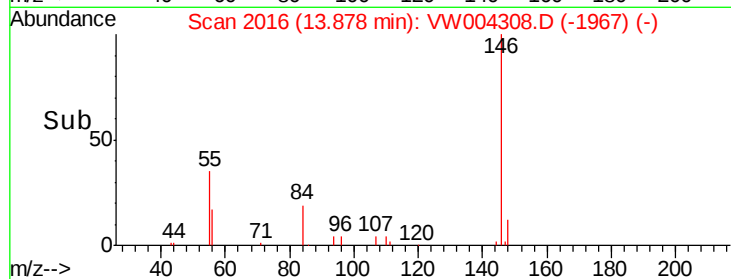
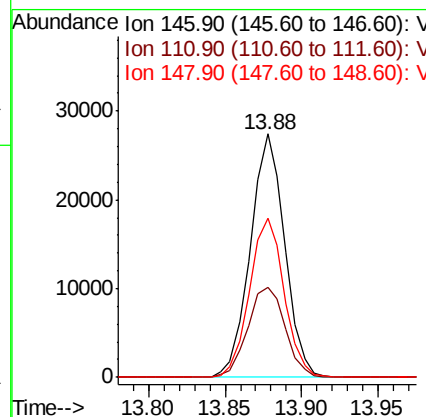
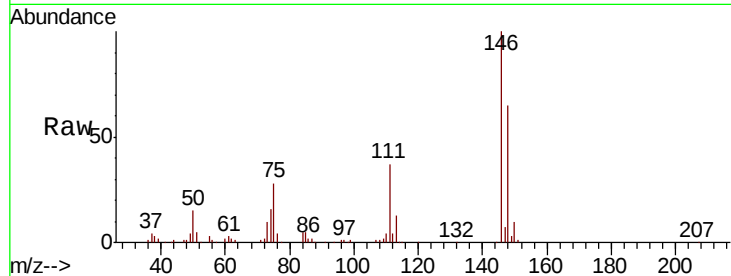




#91
 1,2-Dichlorobenzene
 Concen: 10.066 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW004308.D
 Acq: 29 Jul 2018 12:12

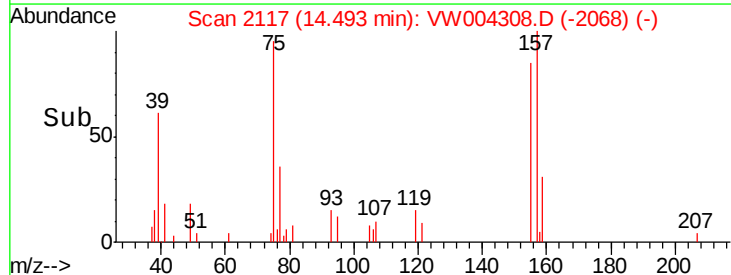
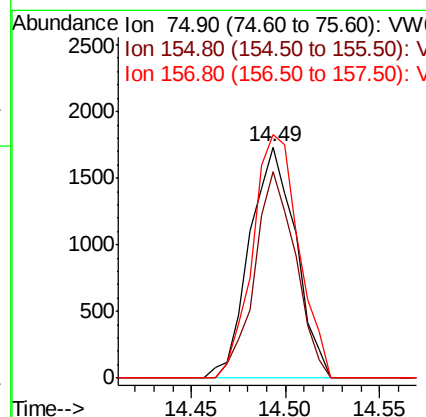
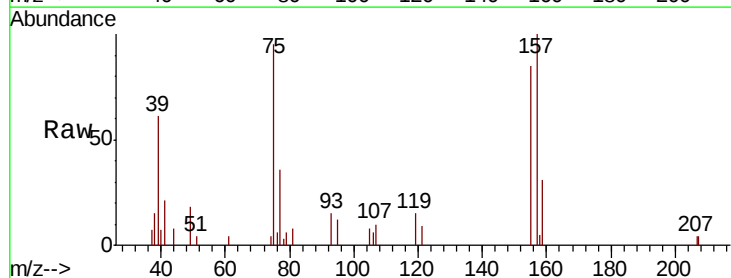
Instrument :
 MSVOA_W
 ClientSampleId :

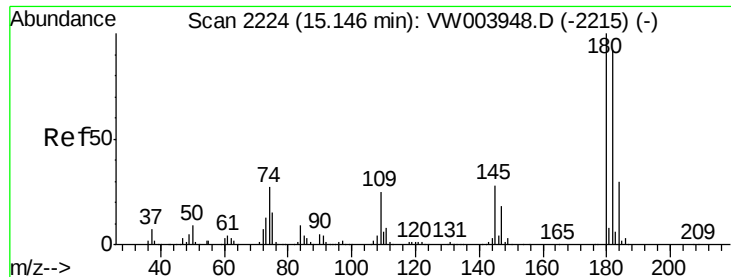
Tot Ion:146 Resp: 42714
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.7 59.1
 148 65.8 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.832 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW004308.D
 Acq: 29 Jul 2018 12:12

Tgt Ion: 75 Resp: 2947
 Ion Ratio Lower Upper
 75 100
 155 79.3 41.4 124.4
 157 105.3 55.2 165.6

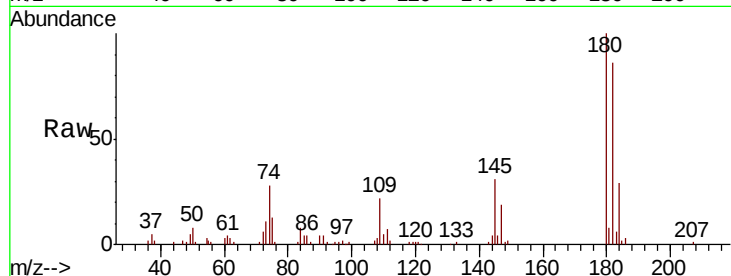




#93
 1,2,4-Trichlorobenzene
 Concen: 10.365 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: VW004308.D
 Acq: 29 Jul 2018 12:12

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.3	47.3	141.8
145	30.7	14.8	44.4

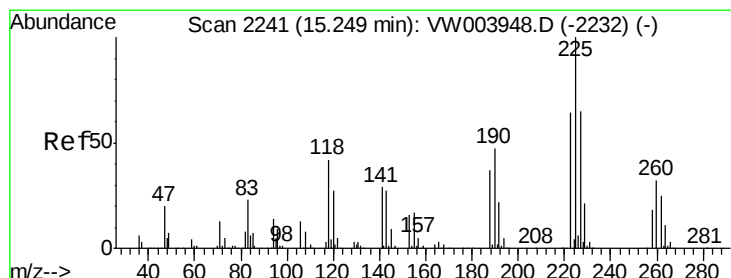
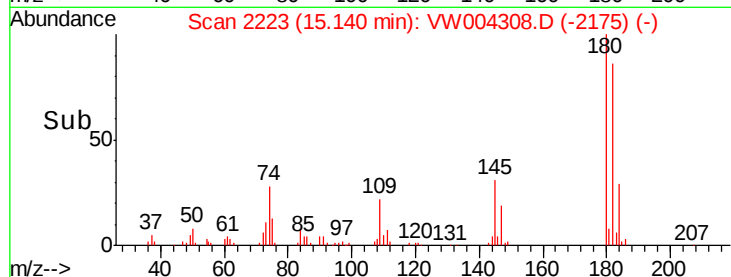
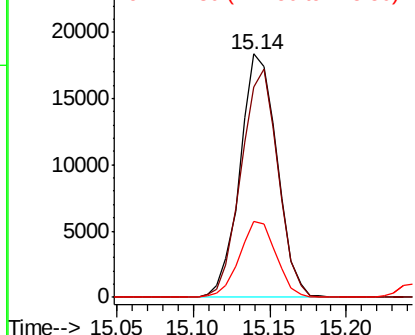


Abundance

Ion 179.80 (179.50 to 180.50): V

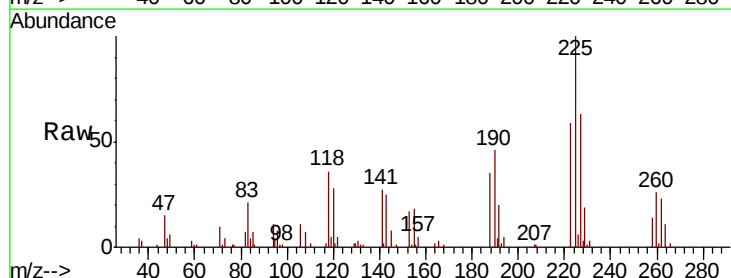
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 11.222 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VW004308.D
 Acq: 29 Jul 2018 12:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.3	31.0	93.0
227	61.7	32.6	97.7

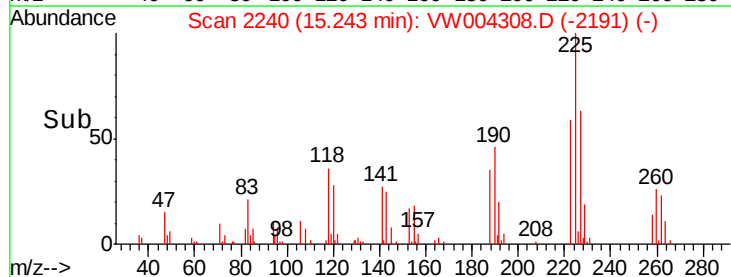
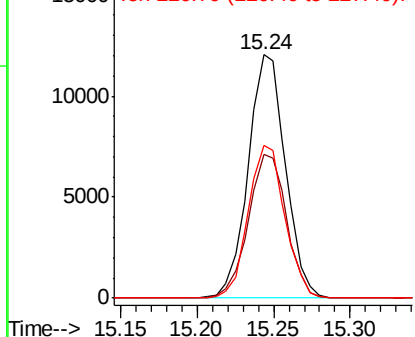


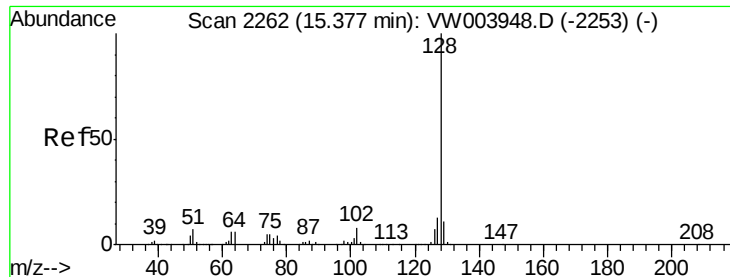
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 9.412 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VW004308.D

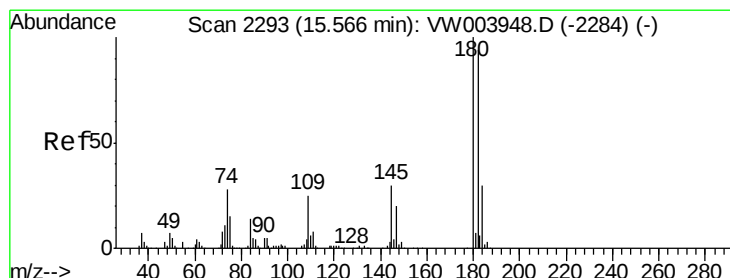
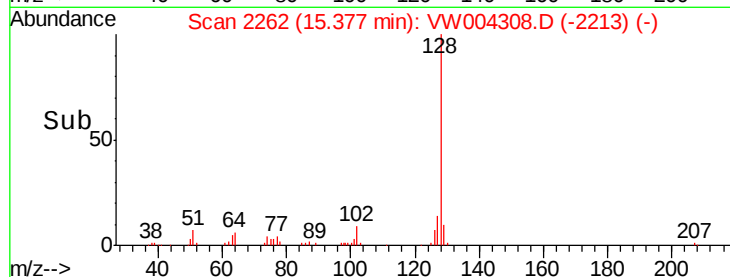
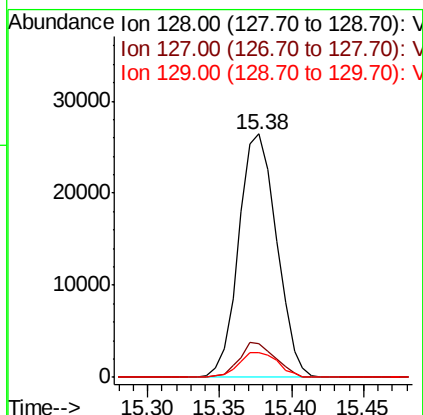
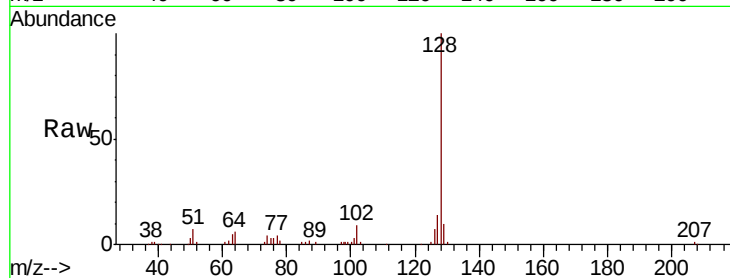
Acq: 29 Jul 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:128	Resp:	48249
Ion	Ratio	Lower Upper
128	100	
127	13.5	10.4 15.6
129	10.8	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 10.536 ug/l

RT: 15.57 min Scan# 2294

Delta R.T. 0.01 min

Lab File: VW004308.D

Acq: 29 Jul 2018 12:12

Tgt Ion:180	Resp:	27469
Ion	Ratio	Lower Upper
180	100	
182	93.1	48.0 144.0
145	31.4	16.2 48.5

