

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022719\
 Data File : VW008848.D
 Acq On : 27 Feb 2019 12:20
 Operator : SY/VA
 Sample : VW0227SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 28 07:00:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	332074	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	472798	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	446878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	240339	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	150544	48.34	ug/l	0.00
Spiked Amount			Recovery	=	96.68%	
35) Dibromofluoromethane	7.88	113	144073	50.75	ug/l	0.00
Spiked Amount			Recovery	=	101.50%	
50) Toluene-d8	10.32	98	562227	51.31	ug/l	0.00
Spiked Amount			Recovery	=	102.62%	
62) 4-Bromofluorobenzene	12.62	95	212473	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	62410	18.764	ug/l	98
3) Chloromethane	2.21	50	77707	19.193	ug/l	100
4) Vinyl Chloride	2.35	62	80167	18.702	ug/l	99
5) Bromomethane	2.76	94	65997	20.728	ug/l	99
6) Chloroethane	2.92	64	55543	18.247	ug/l	100
7) Trichlorofluoromethane	3.26	101	106728	19.686	ug/l	98
8) Diethyl Ether	3.68	74	30048	17.507	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	66661	20.248	ug/l	99
10) Methyl Iodide	4.27	142	64437	15.652	ug/l	98
11) Tert butyl alcohol	5.18	59	18721	67.517	ug/l #	84
12) 1,1-Dichloroethene	4.04	96	58950	20.275	ug/l	97
13) Acrolein	3.90	56	20178	83.313	ug/l	96
14) Allyl chloride	4.67	41	98621	19.653	ug/l	95
15) Acrylonitrile	5.37	53	59899	81.317	ug/l	99
16) Acetone	4.13	43	58981	81.699	ug/l	99
17) Carbon Disulfide	4.38	76	175949	18.239	ug/l	98
18) Methyl Acetate	4.67	43	26690	15.587	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	140309	17.829	ug/l	98
20) Methylene Chloride	4.91	84	70179	16.289	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	66027	19.632	ug/l	95
22) Diisopropyl ether	6.31	45	192084	19.189	ug/l	98
23) Vinyl Acetate	6.25	43	567457	91.749	ug/l	100
24) 1,1-Dichloroethane	6.21	63	115371	19.889	ug/l	97
25) 2-Butanone	7.17	43	79444	78.712	ug/l	100
26) 2,2-Dichloropropane	7.16	77	109022	20.702	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	71001	19.735	ug/l	97
28) Bromochloromethane	7.51	49	46517	19.163	ug/l	100
29) Tetrahydrofuran	7.54	42	51112	79.465	ug/l	99
30) Chloroform	7.67	83	117652	19.771	ug/l	99
31) Cyclohexane	7.95	56	120070	20.449	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	110826	20.479	ug/l	98
36) 1,1-Dichloropropene	8.09	75	97039	21.085	ug/l	98
37) Ethyl Acetate	7.25	43	36521	17.064	ug/l	96
38) Carbon Tetrachloride	8.07	117	101197	20.850	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	116682	20.326	ug/l	99
40) Benzene	8.32	78	254859	20.282	ug/l	99
41) Methacrylonitrile	7.48	41	22199	17.646	ug/l #	91
42) 1,2-Dichloroethane	8.40	62	76409	19.195	ug/l	98
43) Isopropyl Acetate	8.43	43	73351	17.172	ug/l	99
44) Trichloroethene	9.09	130	72763	20.555	ug/l	89
45) 1,2-Dichloropropane	9.37	63	63466	20.438	ug/l	93
46) Dibromomethane	9.46	93	31273	18.106	ug/l	98
47) Bromodichloromethane	9.65	83	84295	20.059	ug/l	98
48) Methyl methacrylate	9.43	41	32120	15.701	ug/l	94
49) 1,4-Dioxane	9.46	88	8689	314.133	ug/l #	87
51) 4-Methyl-2-Pentanone	10.21	43	173447	79.981	ug/l	100
52) Toluene	10.39	92	172573	20.236	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	81236	18.965	ug/l	93
54) cis-1,3-Dichloropropene	10.07	75	99089	20.283	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	44179	18.860	ug/l	95
56) Ethyl methacrylate	10.65	69	49638	16.311	ug/l	97
57) 1,3-Dichloropropane	10.93	76	79228	19.157	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	151547	99.011	ug/l	98
59) 2-Hexanone	10.97	43	123172	79.790	ug/l	98
60) Dibromochloromethane	11.13	129	53656	18.780	ug/l	100
61) 1,2-Dibromoethane	11.23	107	42001	18.115	ug/l	100
64) Tetrachloroethene	10.87	164	64637	20.206	ug/l	93
65) Chlorobenzene	11.66	112	187650	19.970	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	61997	19.513	ug/l	95
67) Ethyl Benzene	11.73	91	336506	20.033	ug/l	98
68) m/p-Xylenes	11.84	106	271922	40.515	ug/l	99
69) o-Xylene	12.16	106	127171	20.187	ug/l	98
70) Styrene	12.18	104	198289	19.565	ug/l	99
71) Bromoform	12.35	173	28696	16.802	ug/l #	97
73) Isopropylbenzene	12.46	105	349671	21.223	ug/l	100
74) N-amyl acetate	12.27	43	67167	16.184	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	46349	17.216	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	64493	32.501	ug/l #	100
77) Bromobenzene	12.75	156	79336	20.376	ug/l	97
78) n-propylbenzene	12.80	91	422754	20.976	ug/l	100
79) 2-Chlorotoluene	12.90	91	235180	20.553	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	291945	20.390	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	13165	16.129	ug/l	93
82) 4-Chlorotoluene	12.99	91	247330	20.511	ug/l	99
83) tert-Butylbenzene	13.21	119	262369	21.192	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	294766	19.888	ug/l	99
85) sec-Butylbenzene	13.38	105	368131	20.679	ug/l	98
86) p-Isopropyltoluene	13.50	119	329324	20.180	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	166146	20.567	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	161020	20.224	ug/l	98
89) n-Butylbenzene	13.83	91	311345	20.364	ug/l	100
90) Hexachloroethane	14.10	117	53166	19.901	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	143343	19.915	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7739	15.891	ug/l	97

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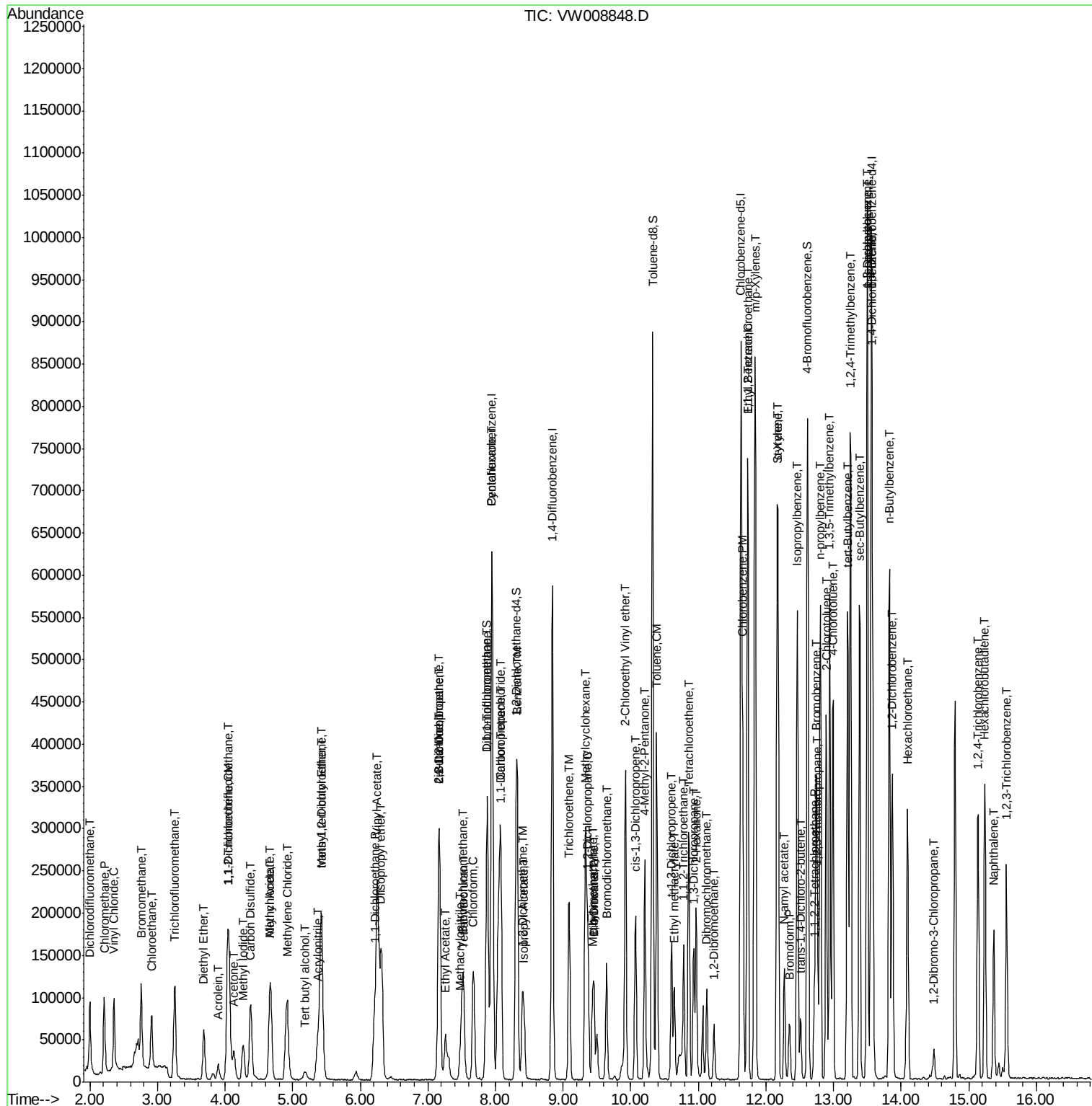
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	100103	19.302	ug/l	98
94) Hexachlorobutadiene	15.24	225	65879	21.566	ug/l	100
95) Naphthalene	15.37	128	150131	17.002	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	84678	18.884	ug/l	96

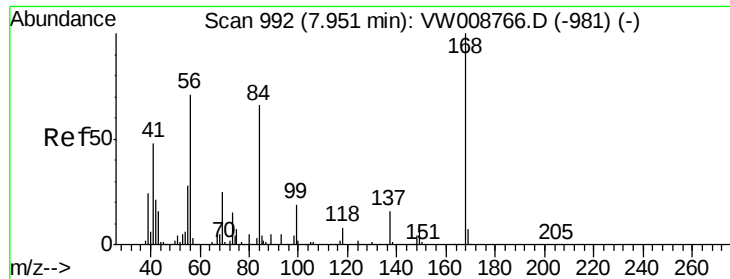
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW022719\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Instrument :

MSVOA_W

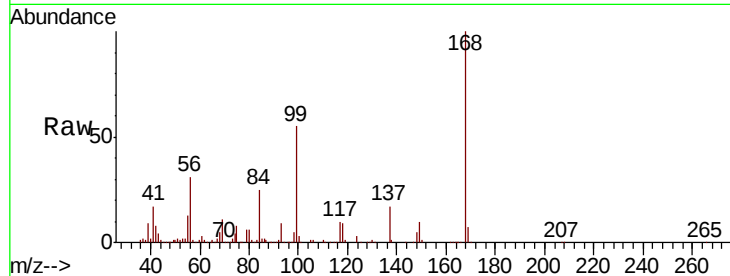
ClientSampleId :

Tot Ion:168 Resp: 332074

Ion Ratio Lower Upper

168 100

99 54.4 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

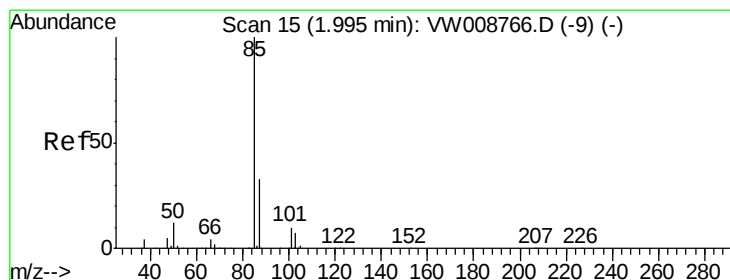
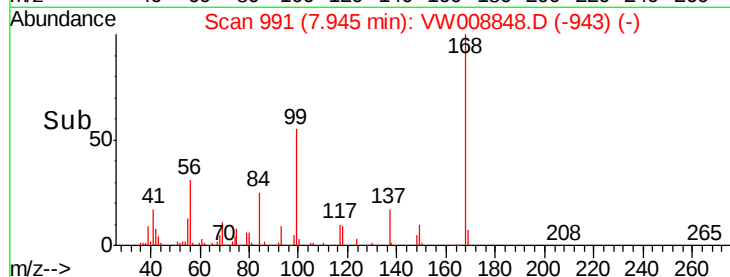
100000

50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 18.764 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.01 min

Lab File: VW008848.D

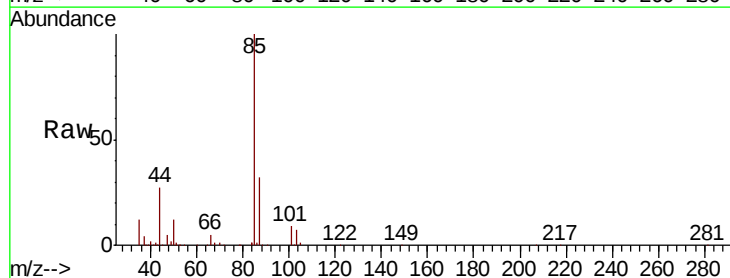
Acq: 27 Feb 2019 12:20

Tgt Ion: 85 Resp: 62410

Ion Ratio Lower Upper

85 100

87 31.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

40000

30000

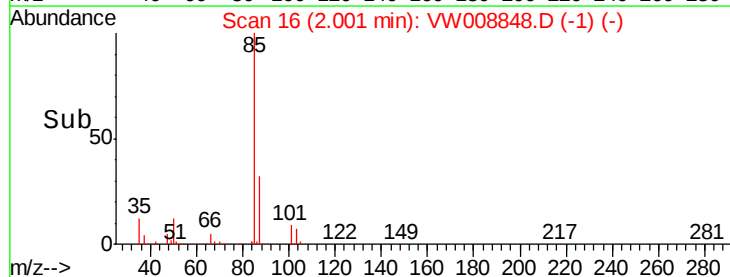
20000

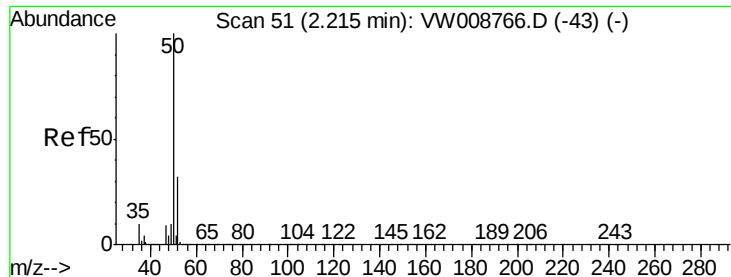
10000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 19.193 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Instrument :

MSVOA_W

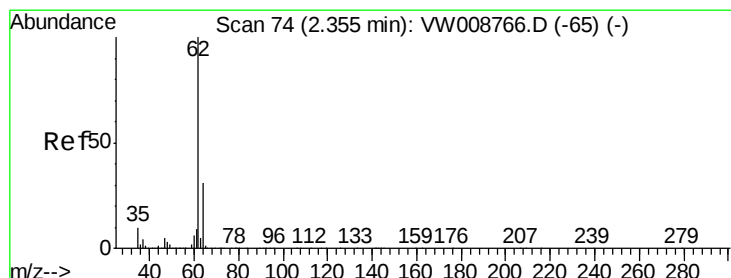
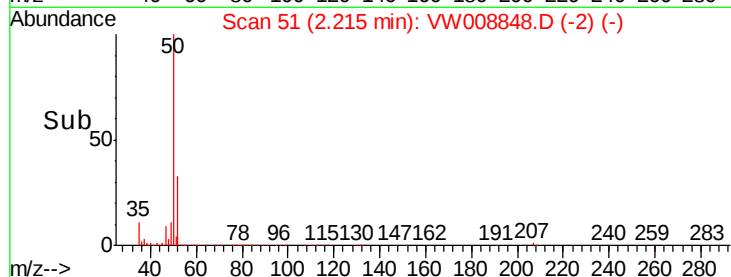
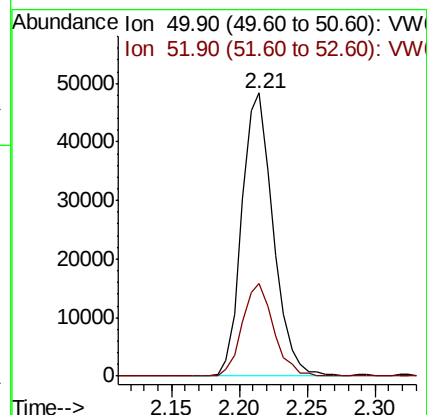
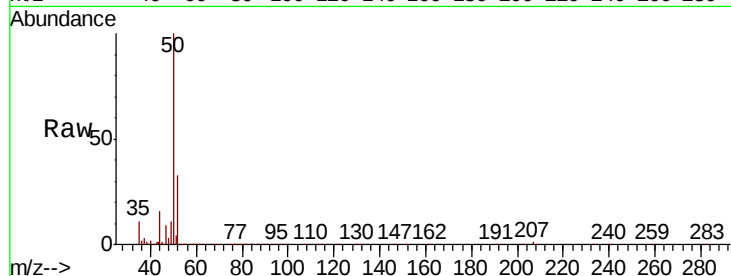
ClientSampleId :

Tot Ion: 50 Resp: 77707

Ion Ratio Lower Upper

50 100

52 32.5 25.9 38.9



#4

Vinyl Chloride

Concen: 18.702 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW008848.D

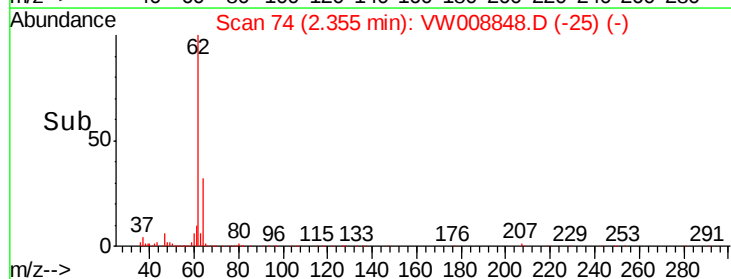
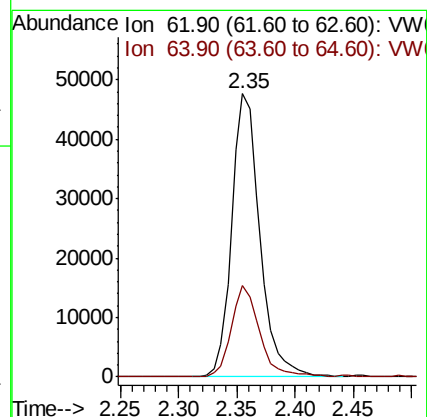
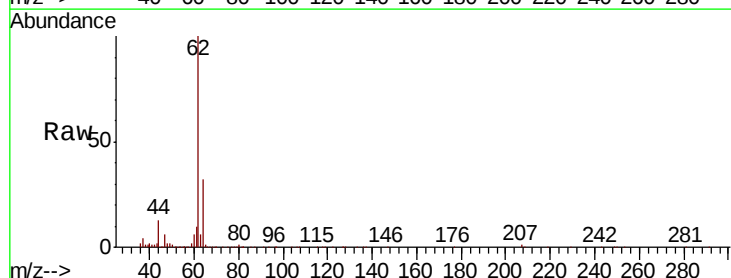
Acq: 27 Feb 2019 12:20

Tgt Ion: 62 Resp: 80167

Ion Ratio Lower Upper

62 100

64 31.9 24.9 37.3





#5

Bromomethane

Concen: 20.728 ug/l

RT: 2.76 min Scan# 141

Delta R.T. 0.01 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Instrument :

MSVOA_W

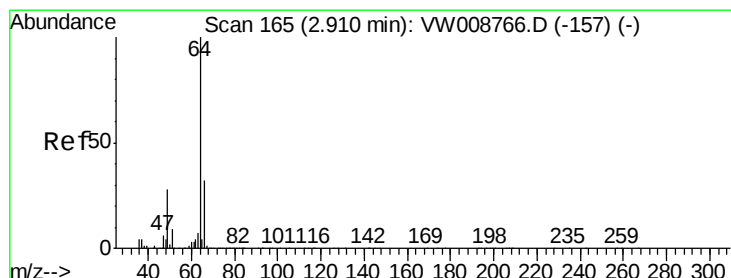
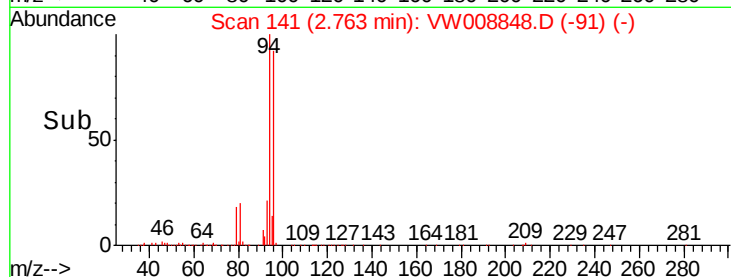
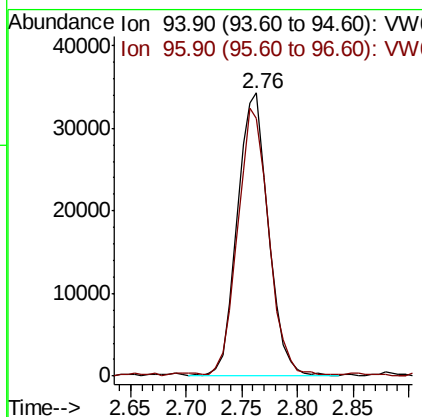
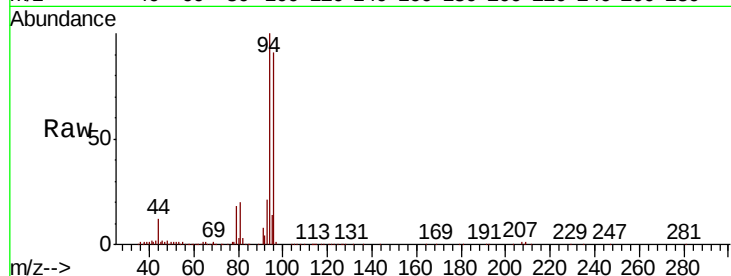
ClientSampleId :

Tot Ion: 94 Resp: 65997

Ion Ratio Lower Upper

94 100

96 90.8 73.4 110.2



#6

Chloroethane

Concen: 18.247 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.01 min

Lab File: VW008848.D

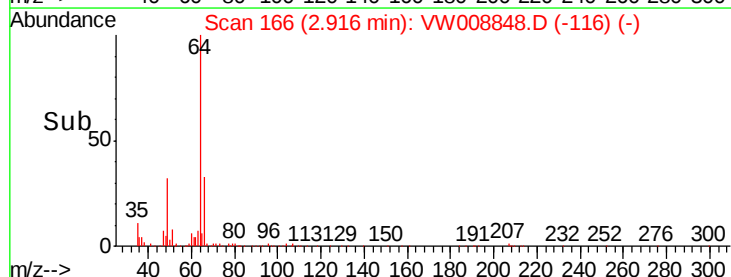
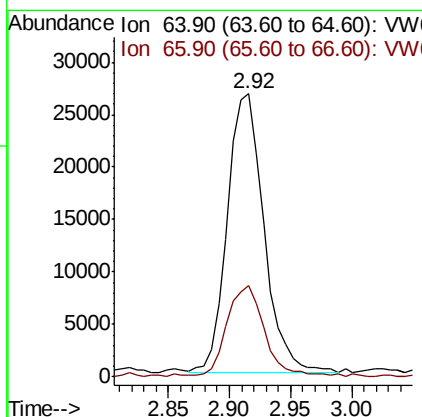
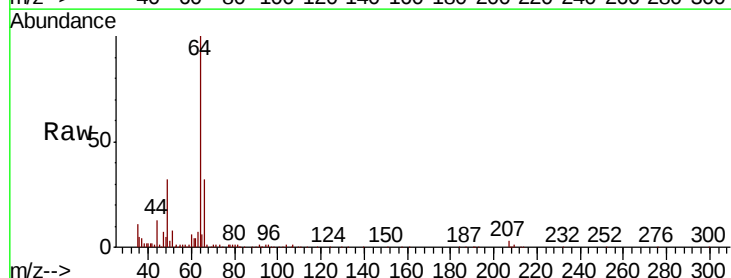
Acq: 27 Feb 2019 12:20

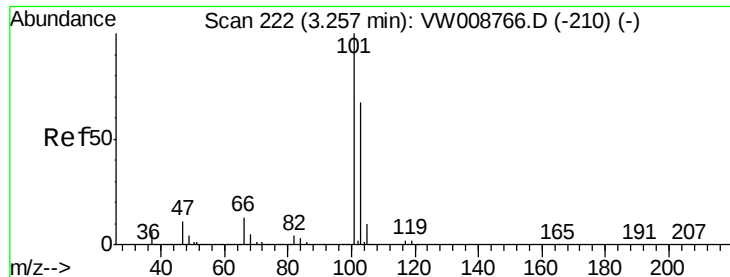
Tgt Ion: 64 Resp: 55543

Ion Ratio Lower Upper

64 100

66 31.8 25.5 38.3



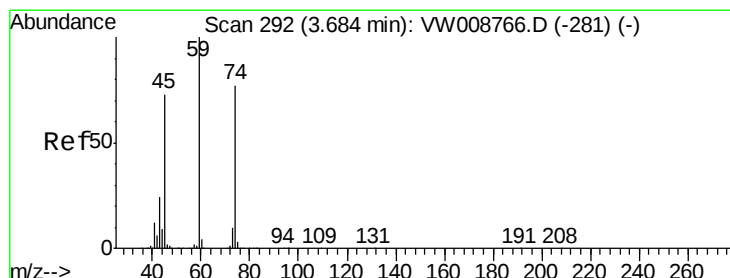
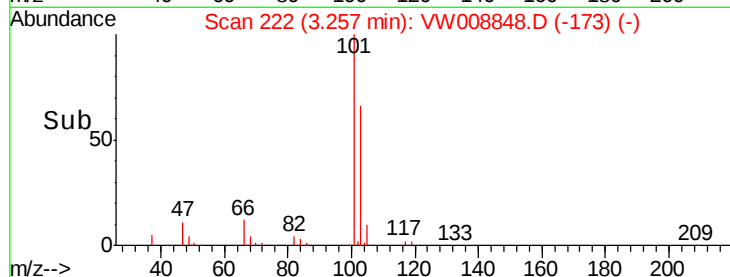
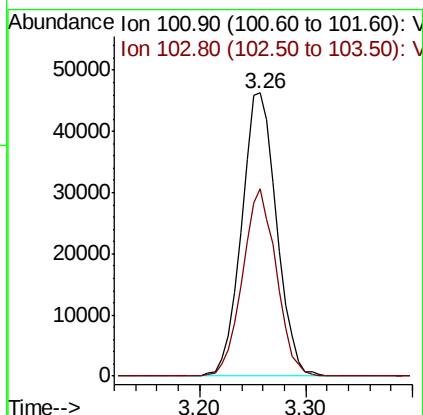
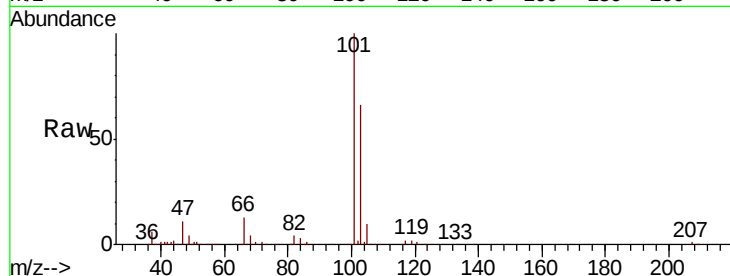


#7

Trichlorofluoromethane
 Concen: 19.686 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

Instrument :
 MSVOA_W
 ClientSampleId :

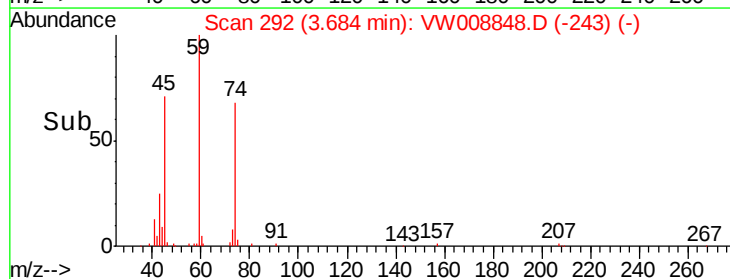
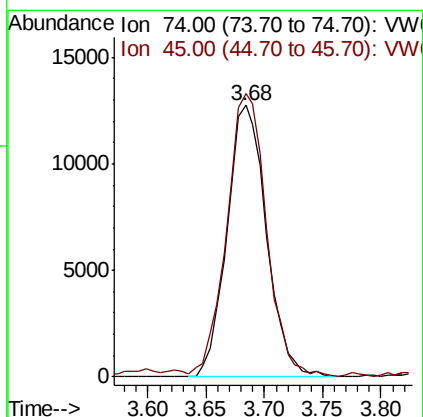
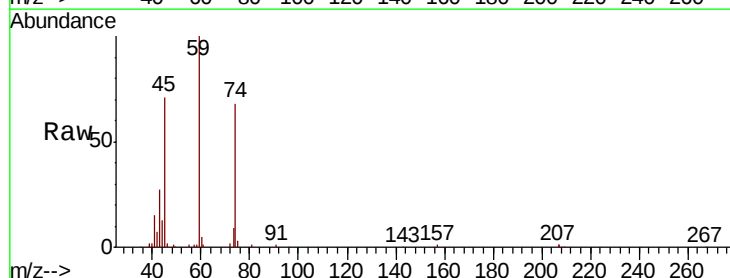
Tot Ion:101 Resp: 106728
 Ion Ratio Lower Upper
 101 100
 103 66.0 53.9 80.9



#8

Diethyl Ether
 Concen: 17.507 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

Tgt Ion: 74 Resp: 30048
 Ion Ratio Lower Upper
 74 100
 45 105.7 50.2 150.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.248 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

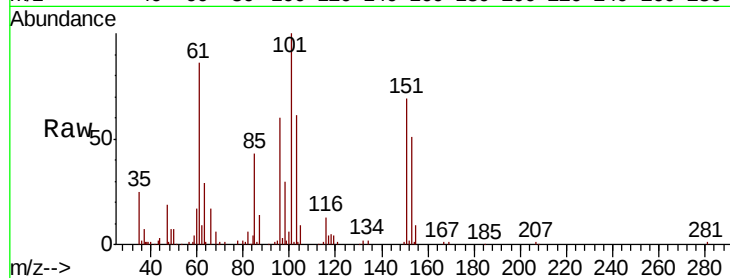
Tot Ion:101 Resp: 66661

Ion Ratio Lower Upper

101 100

85 44.8 36.0 54.0

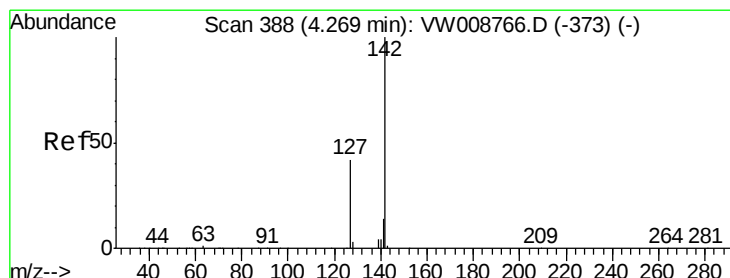
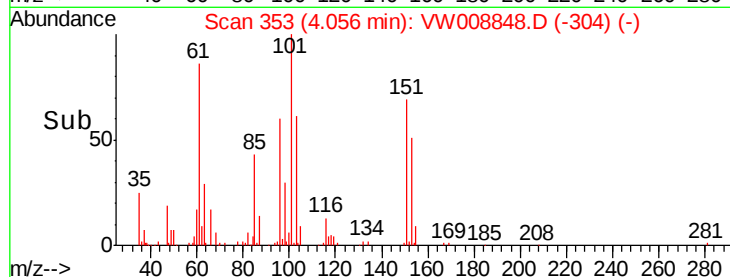
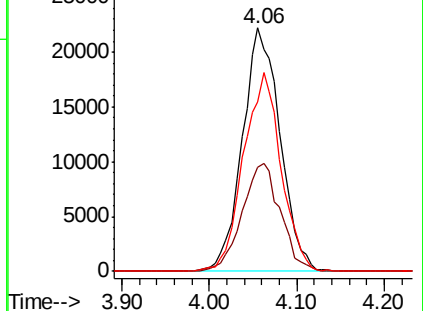
151 81.2 65.5 98.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VV

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.652 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

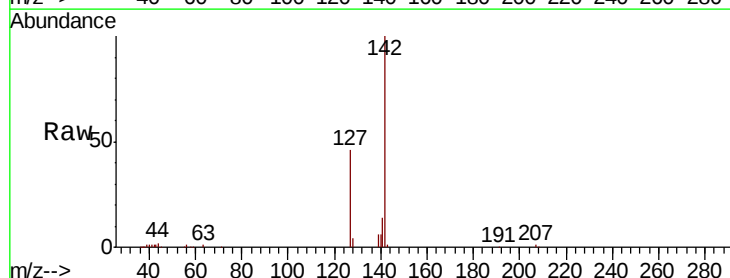
Tgt Ion:142 Resp: 64437

Ion Ratio Lower Upper

142 100

127 45.6 35.3 52.9

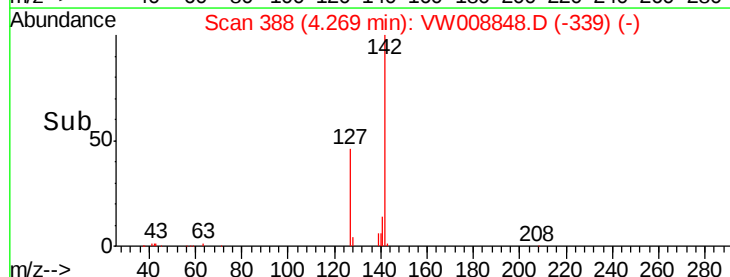
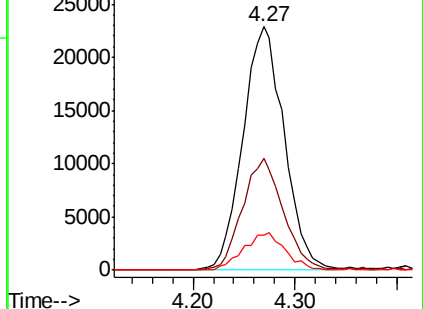
141 15.5 11.7 17.5

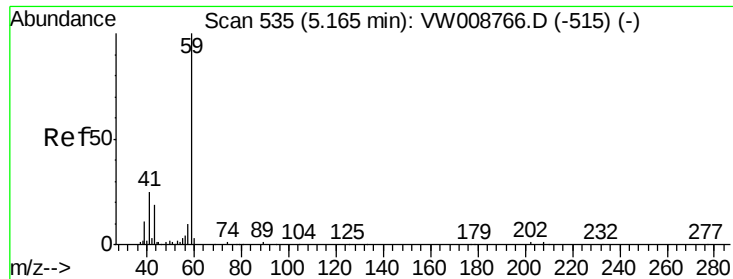


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



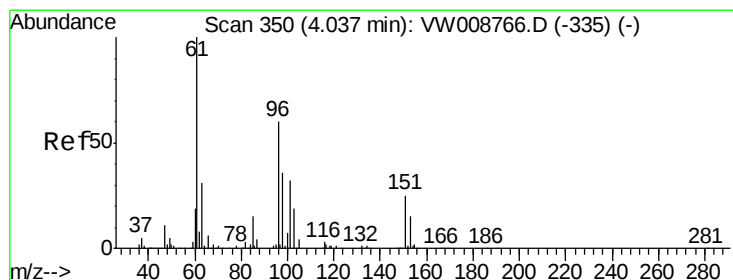
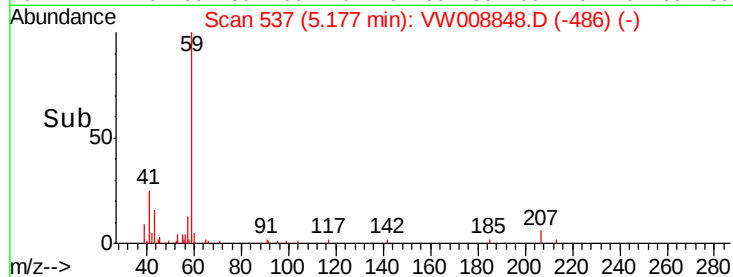
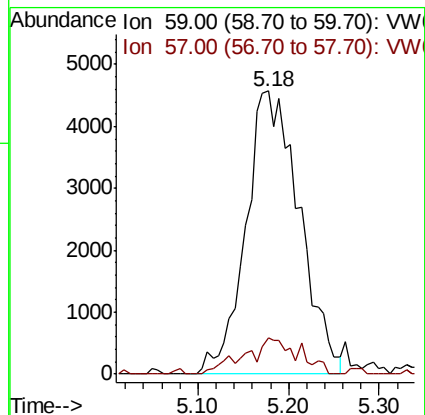
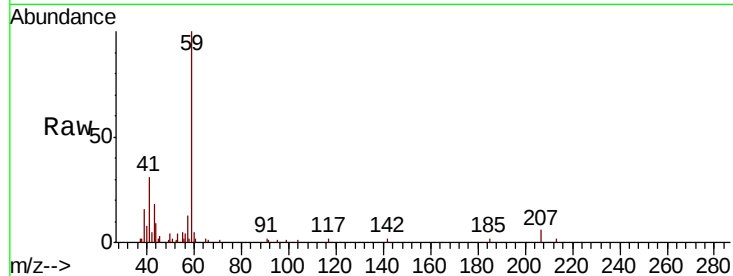


#11

Tert butyl alcohol
 Concen: 67.517 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

Instrument :
 MSVOA_W
 ClientSampled :

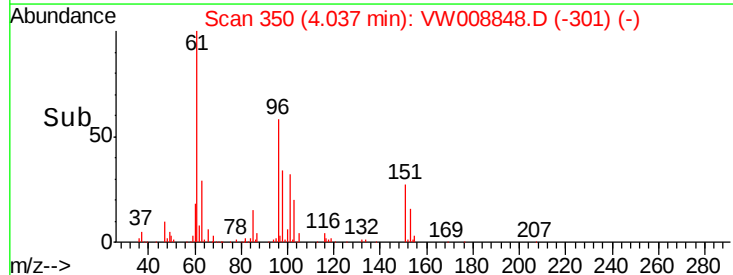
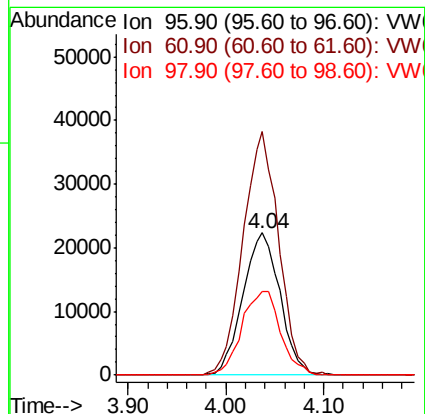
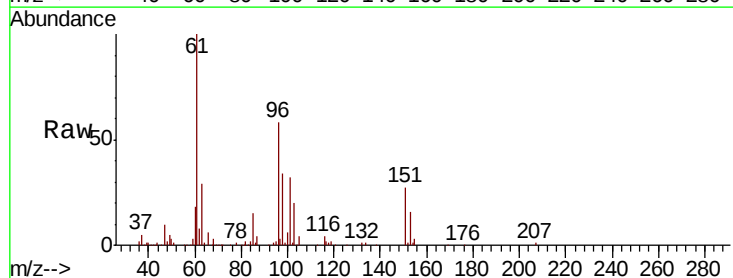
Tot Ion: 59 Resp: 18721
 Ion Ratio Lower Upper
 59 100
 57 5.6 9.3 13.9#

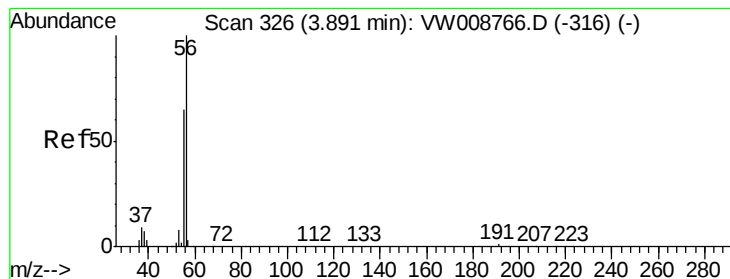


#12

1,1-Dichloroethene
 Concen: 20.275 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

Tgt Ion: 96 Resp: 58950
 Ion Ratio Lower Upper
 96 100
 61 170.7 132.5 198.7
 98 58.5 48.2 72.4





#13

Acrolein

Concen: 83.313 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Instrument :

MSVOA_W

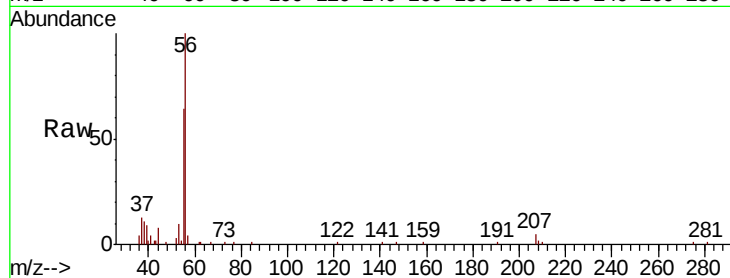
ClientSampleId :

Tot Ion: 56 Resp: 20178

Ion Ratio Lower Upper

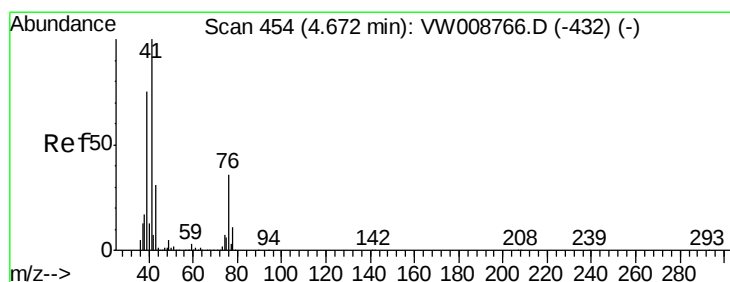
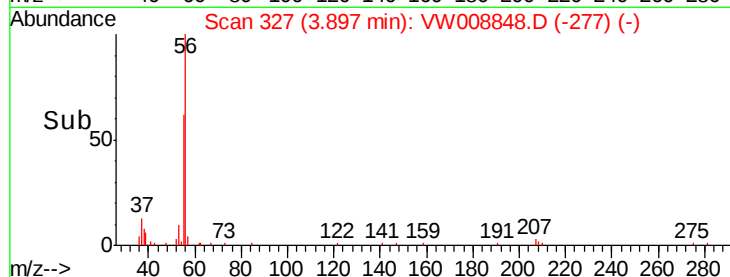
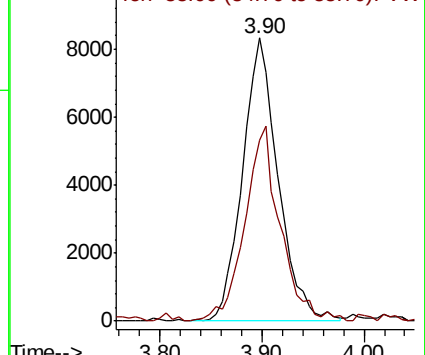
56 100

55 67.7 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 19.653 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

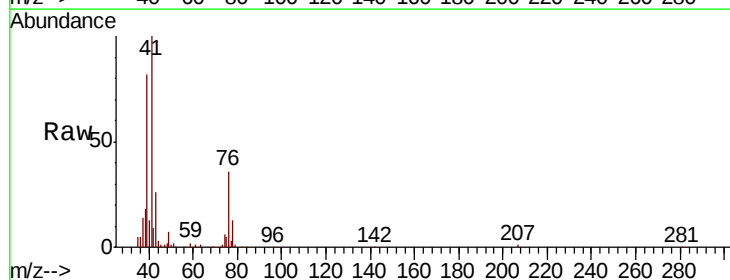
Tgt Ion: 41 Resp: 98621

Ion Ratio Lower Upper

41 100

39 81.2 60.6 91.0

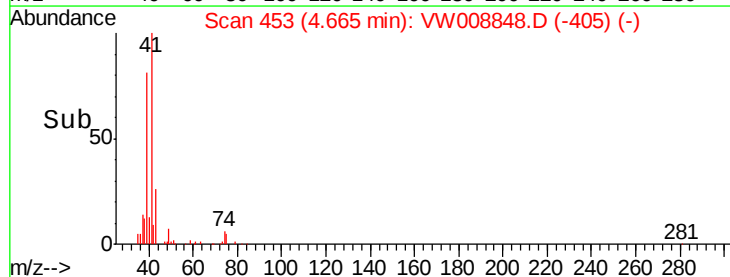
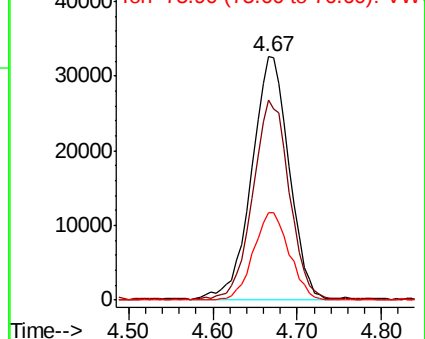
76 34.6 28.6 42.8



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 81.317 ug/l

RT: 5.37 min Scan# 569

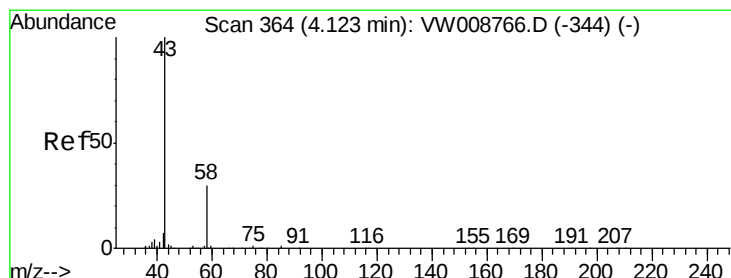
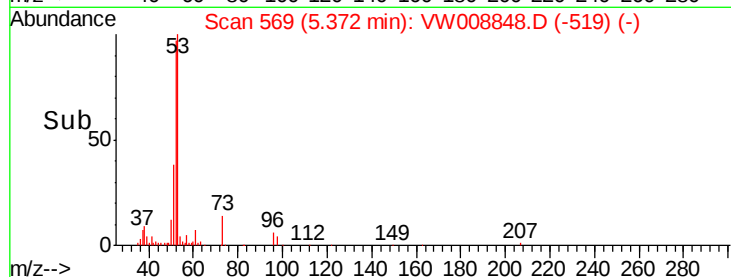
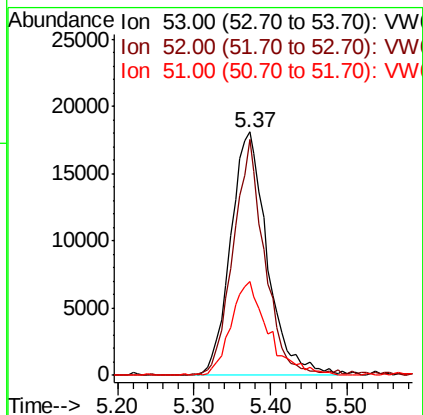
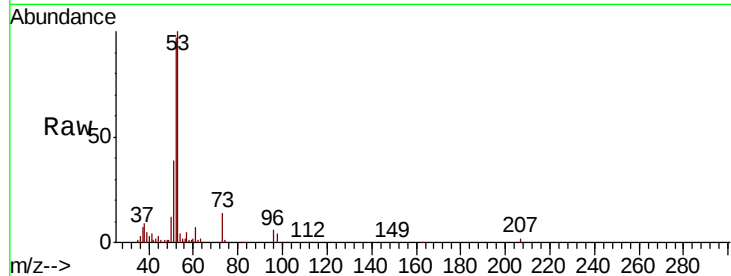
Delta R.T. 0.01 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	53	Resp:	59899
Ion	Ratio	Lower	Upper
53	100		
52	83.3	67.2	100.8
51	39.5	31.1	46.7



#16

Acetone

Concen: 81.699 ug/l

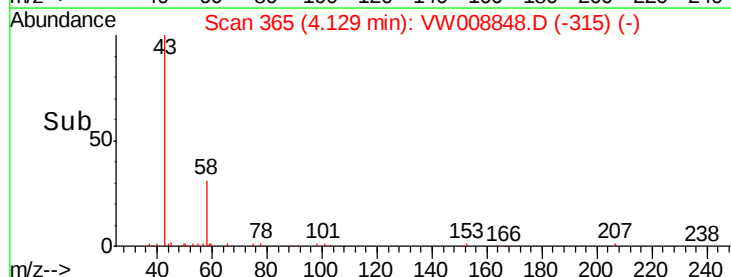
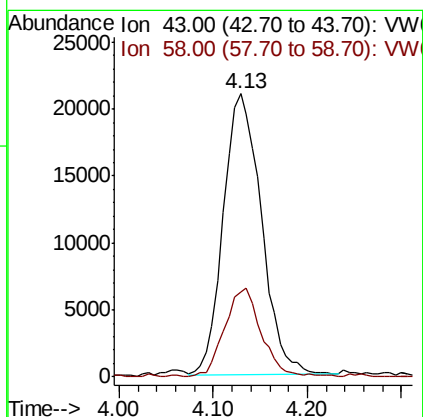
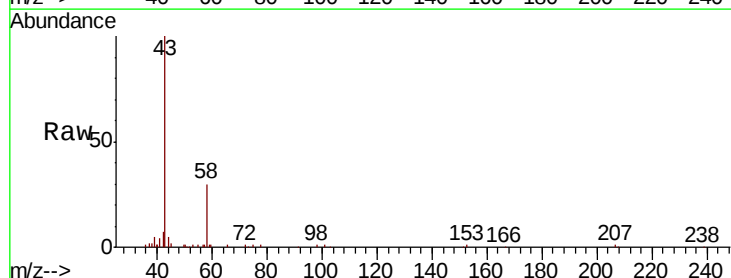
RT: 4.13 min Scan# 365

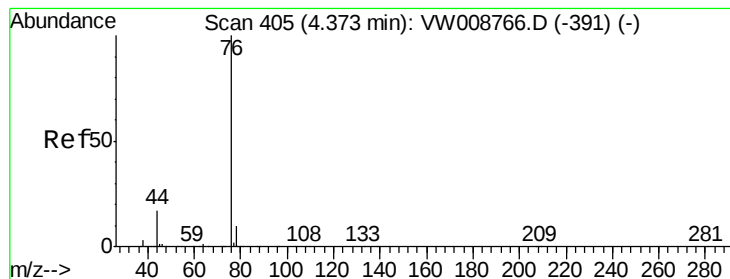
Delta R.T. 0.01 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Tgt Ion:	43	Resp:	58981
Ion	Ratio	Lower	Upper
43	100		
58	30.3	23.8	35.6





#17

Carbon Disulfide

Concen: 18.239 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Instrument :

MSVOA_W

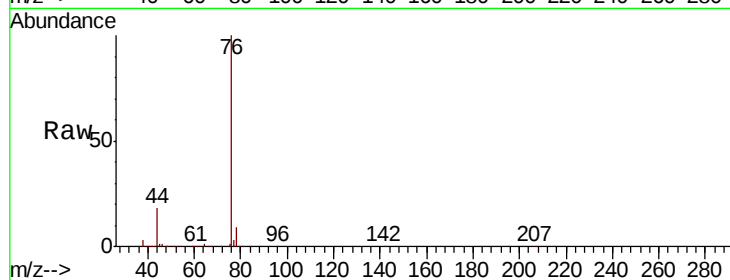
ClientSampleId :

Tot Ion: 76 Resp: 175949

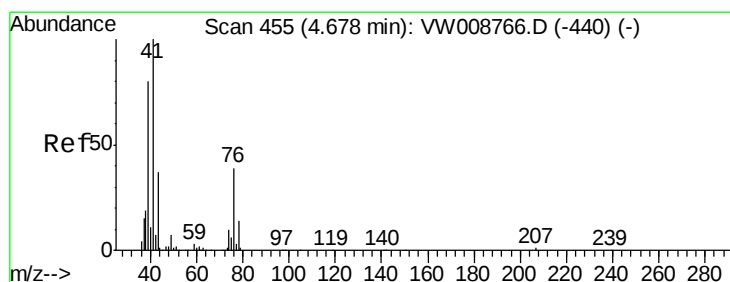
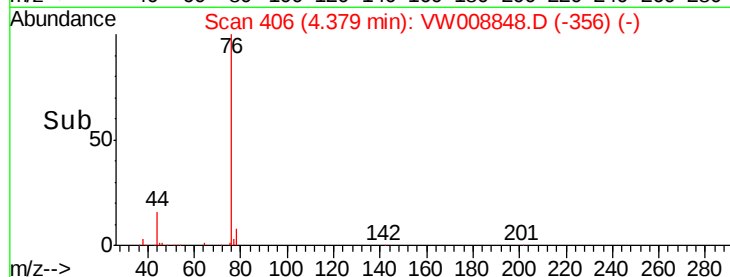
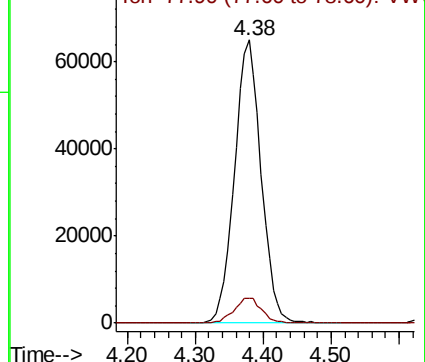
Ion Ratio Lower Upper

76 100

78 9.0 7.8 11.8



Abundance Ion 75.90 (75.60 to 76.60): VW
Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 15.587 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW008848.D

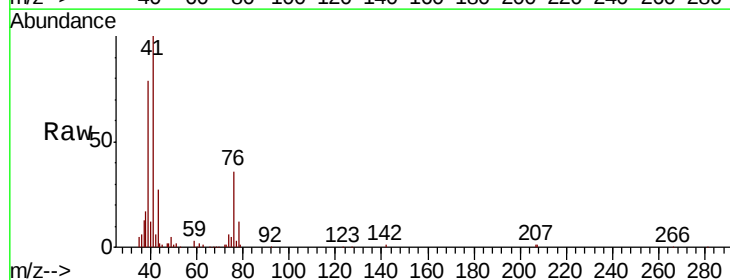
Acq: 27 Feb 2019 12:20

Tgt Ion: 43 Resp: 26690

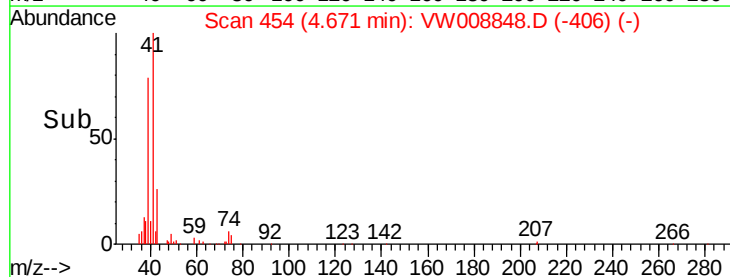
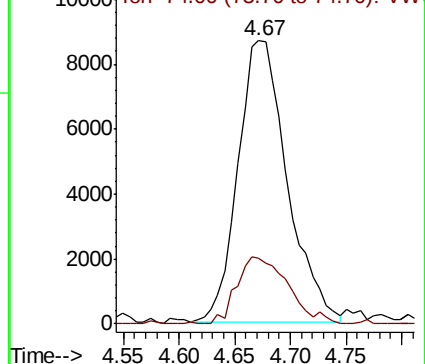
Ion Ratio Lower Upper

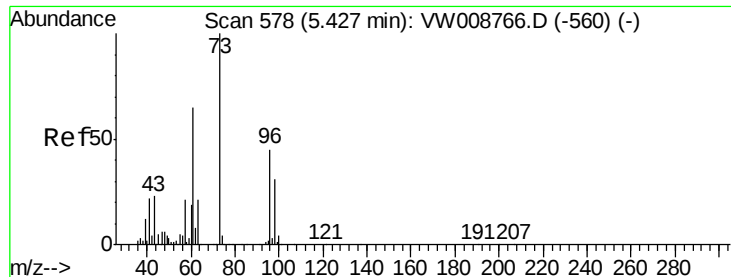
43 100

74 24.8 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 74.00 (73.70 to 74.70): VW



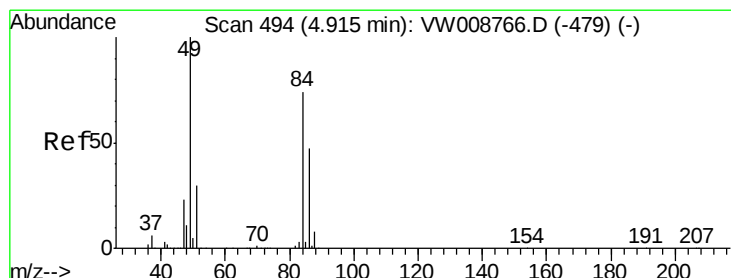
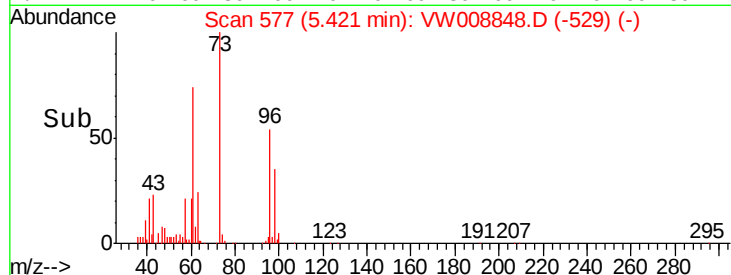
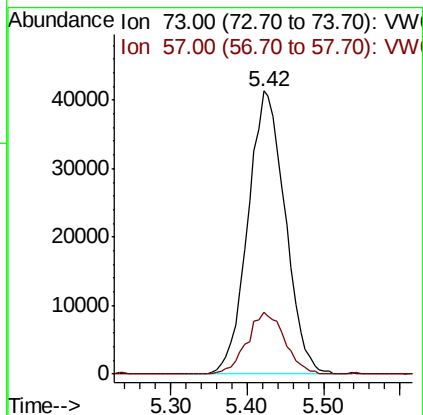
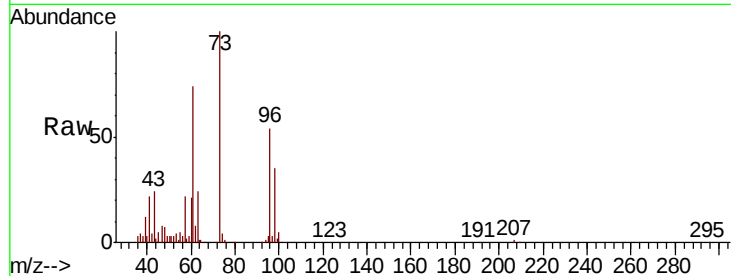


#19

Methyl tert-butyl Ether
 Concen: 17.829 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

Instrument :
 MSVOA_W
 ClientSampleId :

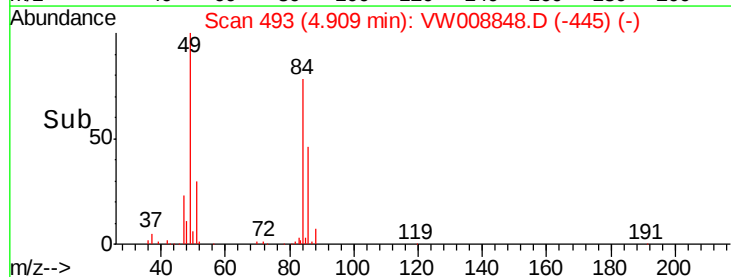
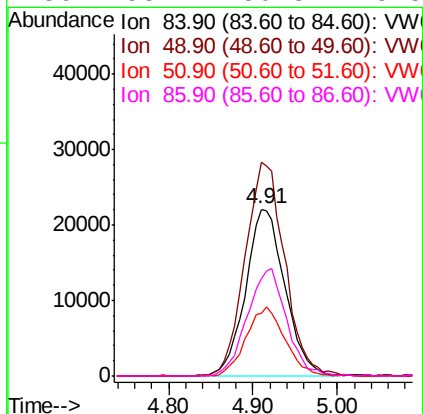
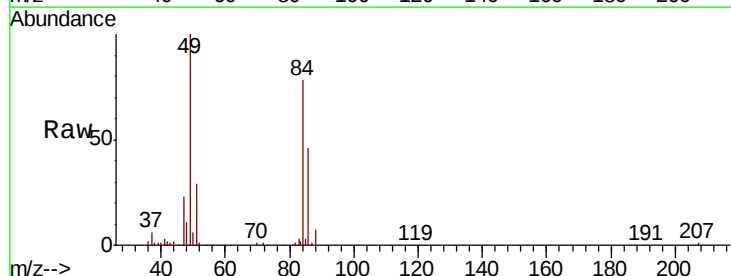
Tot Ion: 73 Resp: 140309
 Ion Ratio Lower Upper
 73 100
 57 21.8 16.8 25.2

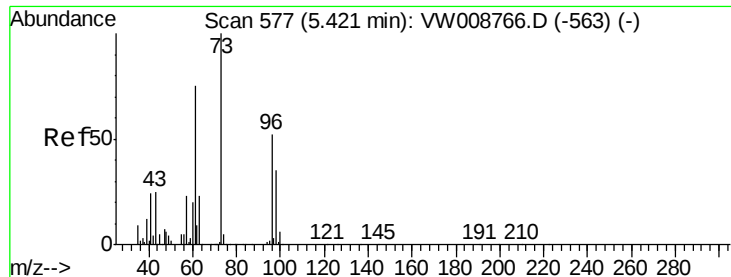


#20

Methylene Chloride
 Concen: 16.289 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

Tgt Ion: 84 Resp: 70179
 Ion Ratio Lower Upper
 84 100
 49 128.3 108.2 162.2
 51 37.7 32.7 49.1
 86 58.4 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 19.632 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

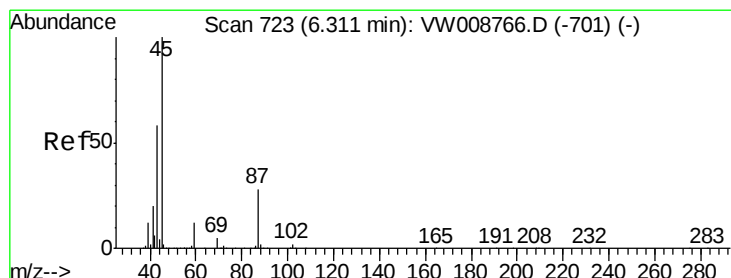
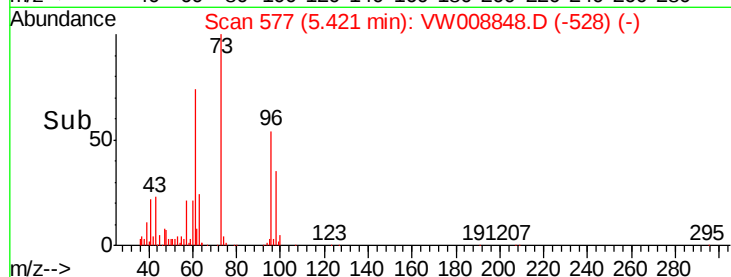
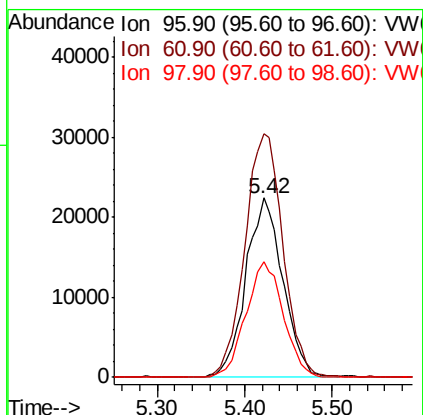
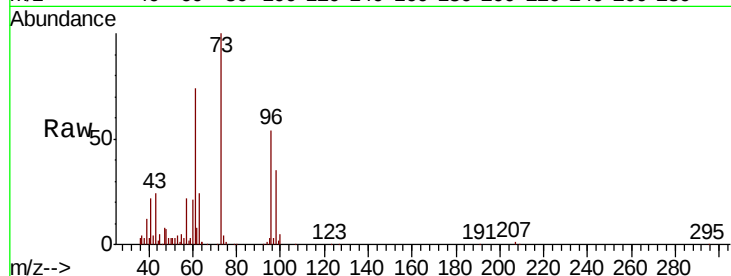
Tot Ion: 96 Resp: 66027

Ion Ratio Lower Upper

96 100

61 135.7 114.6 171.8

98 64.3 54.0 81.0



#22

Diisopropyl ether

Concen: 19.189 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Tgt Ion: 45 Resp: 192084

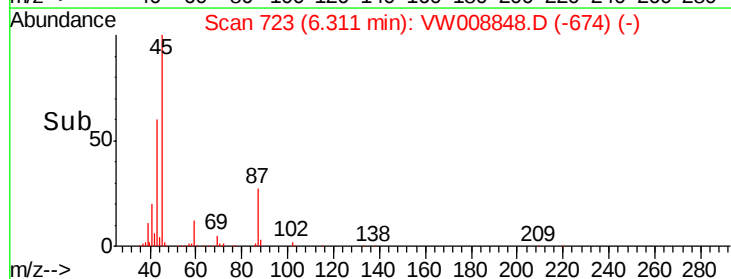
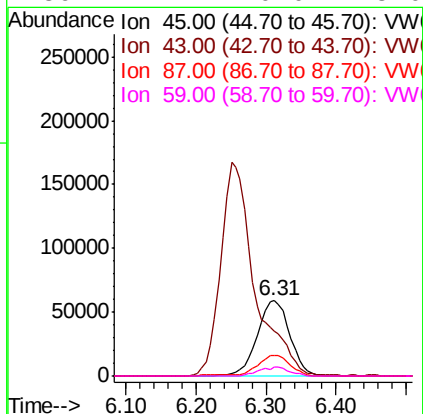
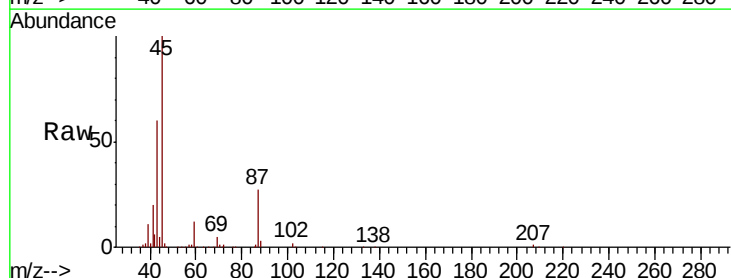
Ion Ratio Lower Upper

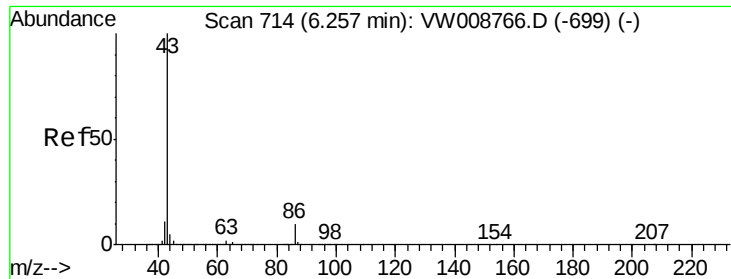
45 100

43 59.3 46.1 69.1

87 26.9 22.2 33.4

59 11.7 10.0 15.0





#23

Vinyl Acetate

Concen: 91.749 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

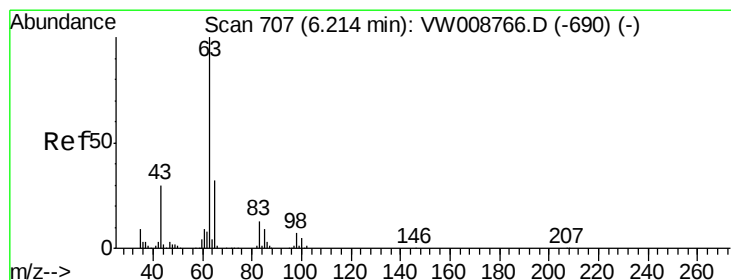
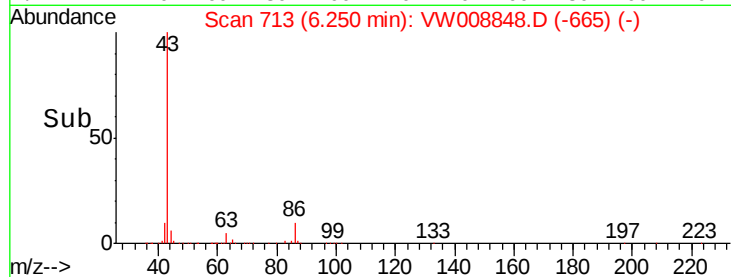
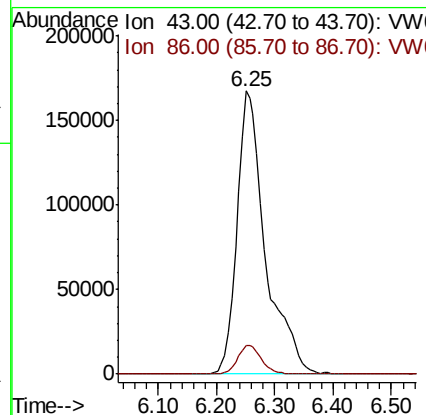
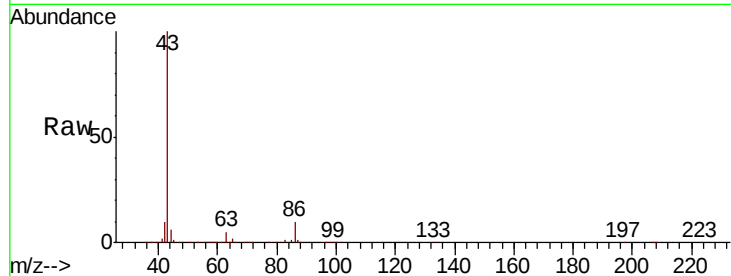
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 567457

Ion Ratio Lower Upper

43 100

86 10.1 8.1 12.1



#24

1,1-Dichloroethane

Concen: 19.889 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

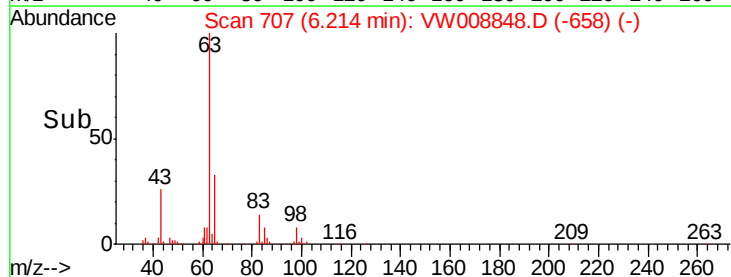
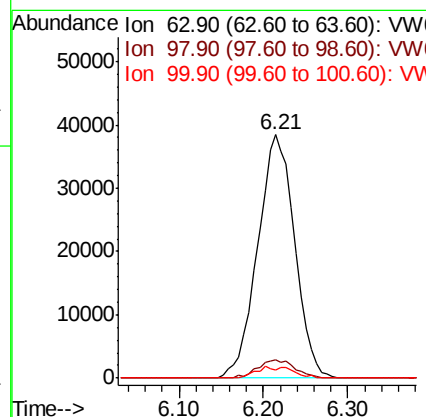
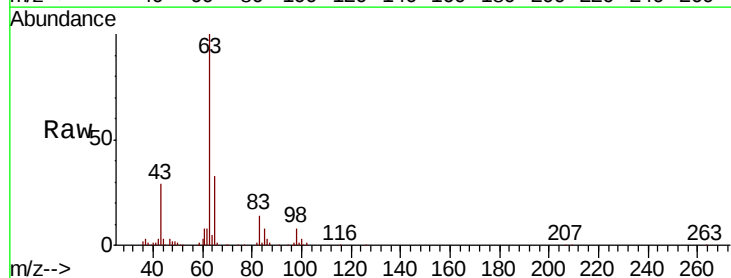
Tgt Ion: 63 Resp: 115371

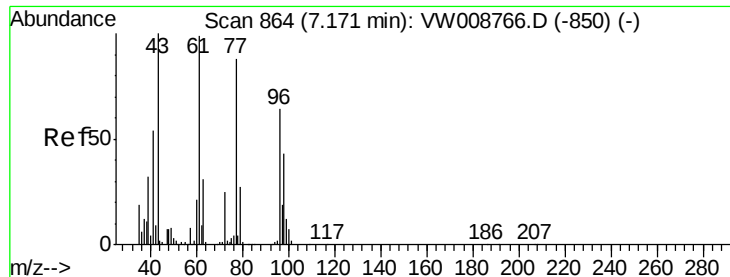
Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.6

100 3.5 2.4 7.2





#25

2-Butanone

Concen: 78.712 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Instrument :

MSVOA_W

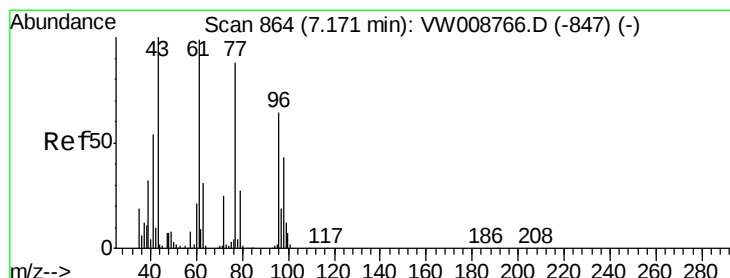
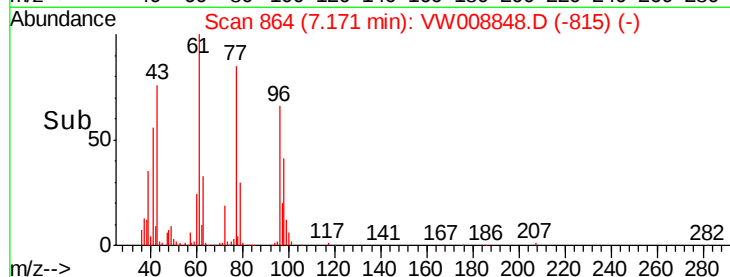
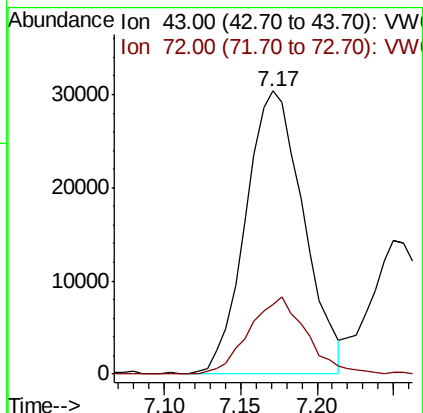
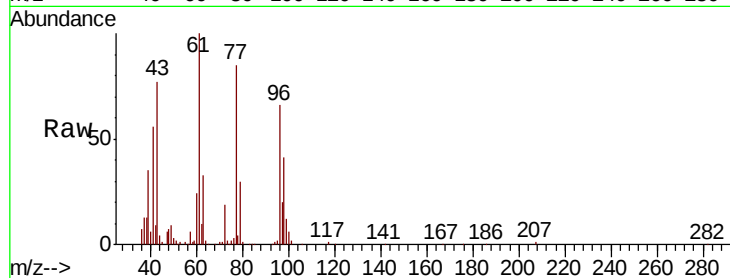
ClientSampleId :

Tot Ion: 43 Resp: 79444

Ion Ratio Lower Upper

43 100

72 24.7 19.7 29.5



#26

2,2-Dichloropropane

Concen: 20.702 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008848.D

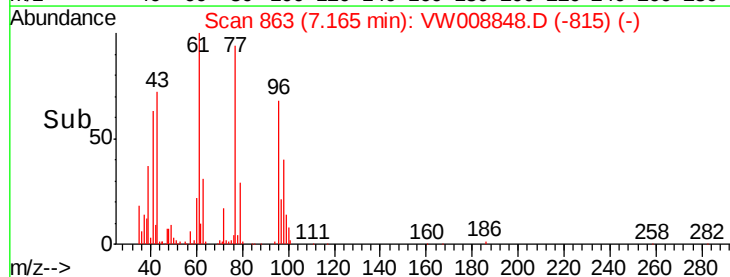
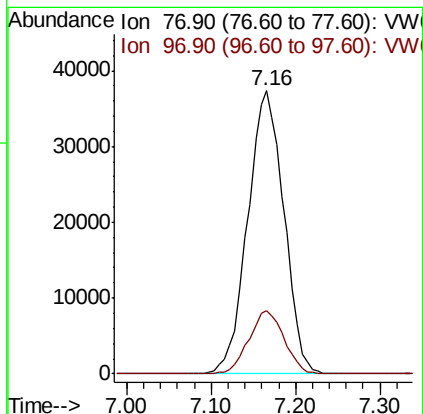
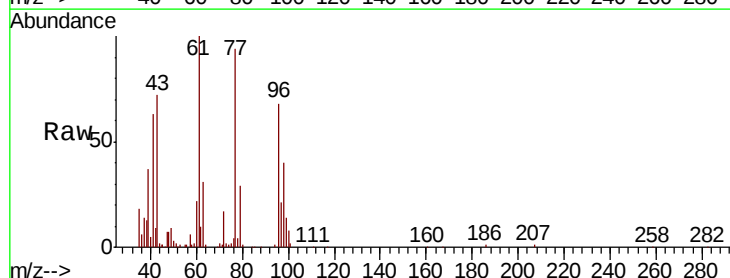
Acq: 27 Feb 2019 12:20

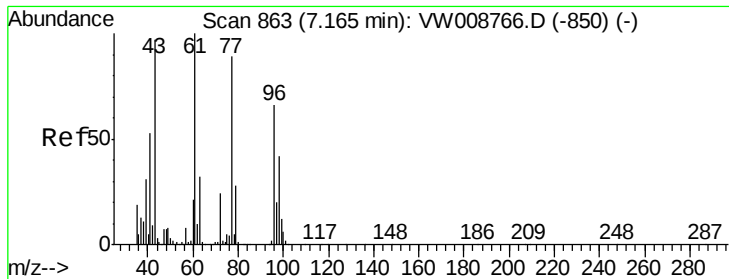
Tgt Ion: 77 Resp: 109022

Ion Ratio Lower Upper

77 100

97 21.8 11.0 33.0



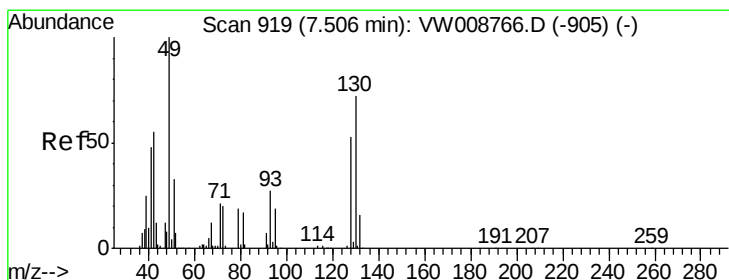
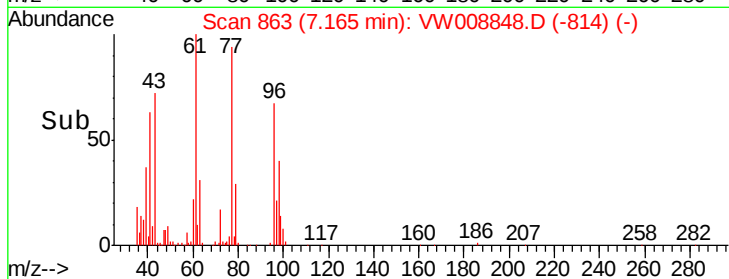
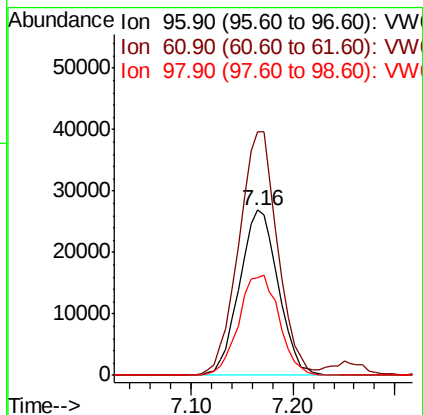
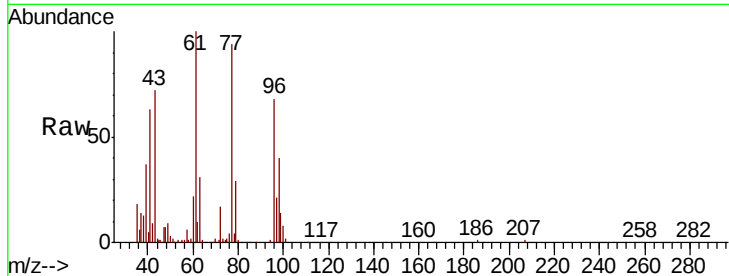


#27

cis-1,2-Dichloroethene
Concen: 19.735 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Instrument :
MSVOA_W
ClientSampled :

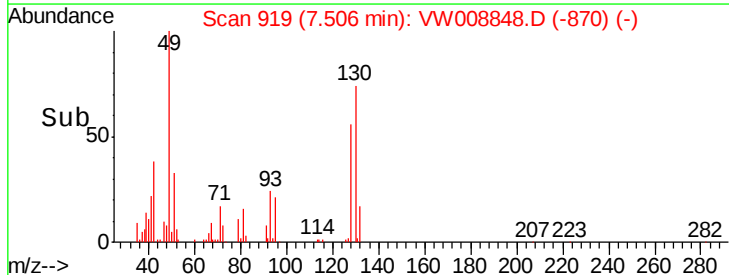
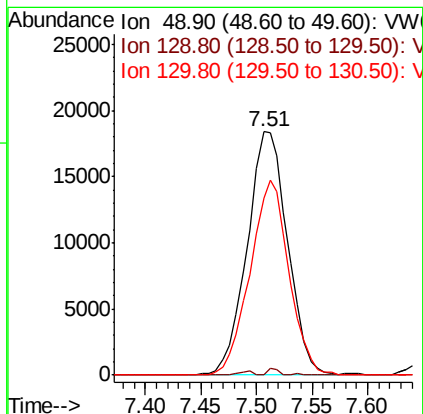
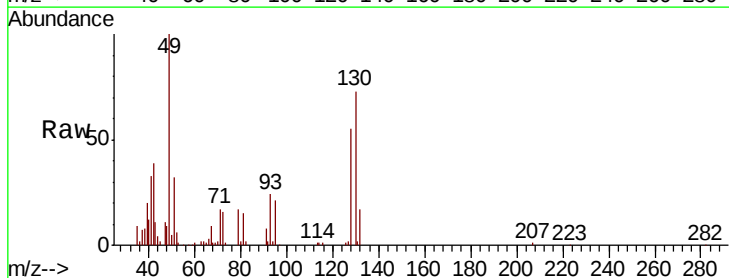
Tot Ion: 96 Resp: 71001
Ion Ratio Lower Upper
96 100
61 147.7 0.0 302.6
98 62.9 0.0 130.0

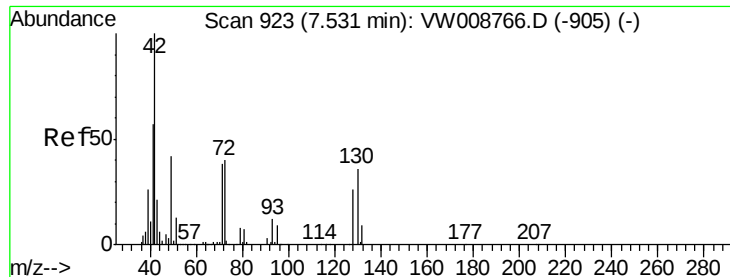


#28

Bromochloromethane
Concen: 19.163 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Tgt Ion: 49 Resp: 46517
Ion Ratio Lower Upper
49 100
129 0.7 0.0 2.6
130 77.0 61.3 91.9

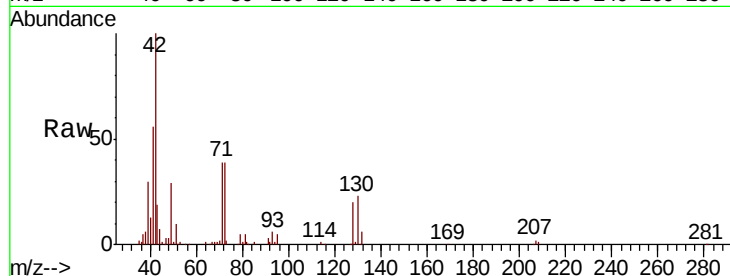




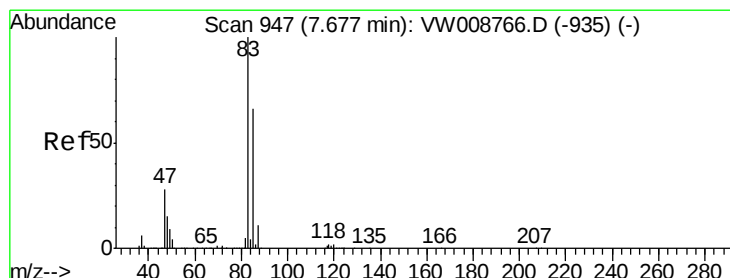
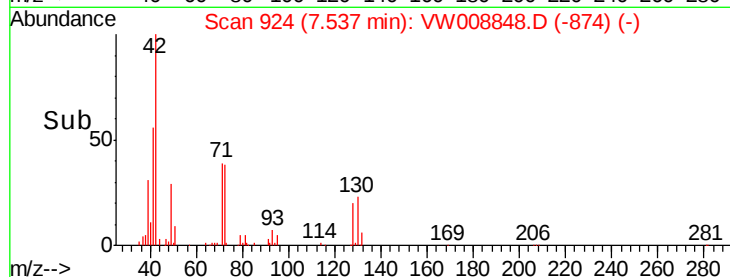
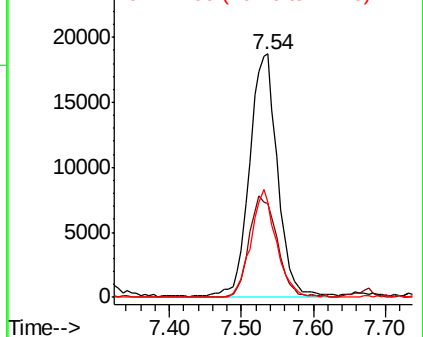
#29
Tetrahydrofuran
Concen: 79.465 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.4	32.7	49.1
71	39.9	31.3	46.9

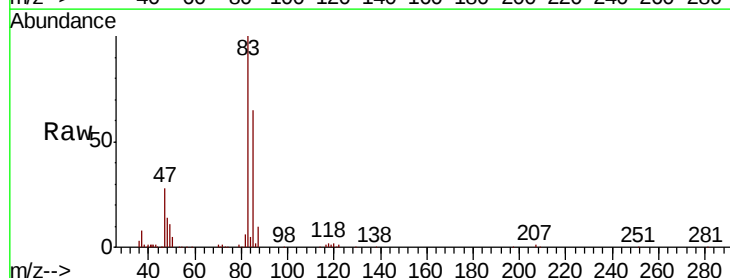


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

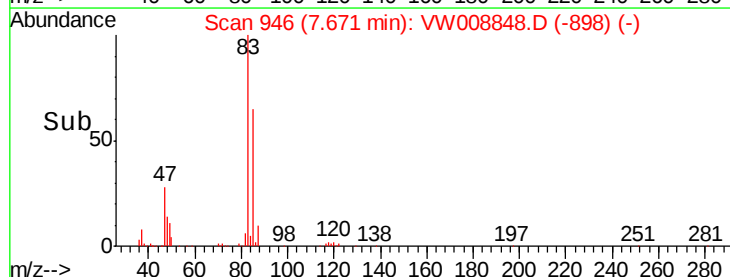
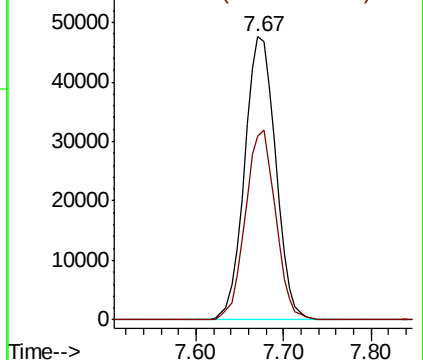


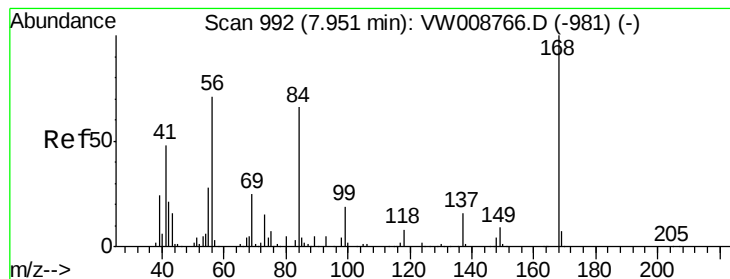
#30
Chloroform
Concen: 19.771 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.6	79.0



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





#31

Cyclohexane

Concen: 20.449 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Instrument :

MSVOA_W

ClientSampled :

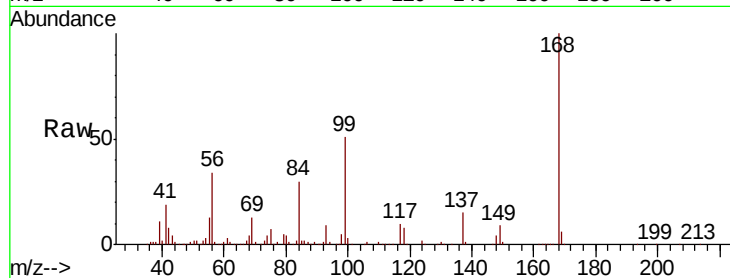
Tot Ion: 56 Resp: 120070

Ion Ratio Lower Upper

56 100

69 37.0 28.2 42.4

84 87.3 74.1 111.1

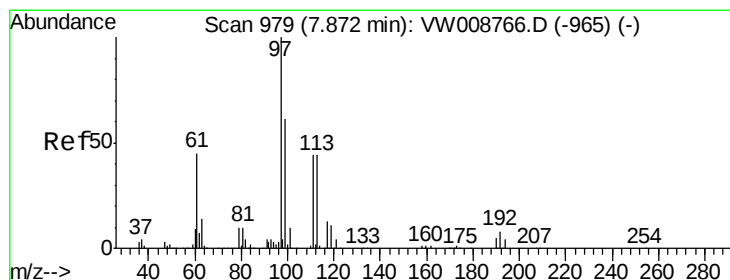
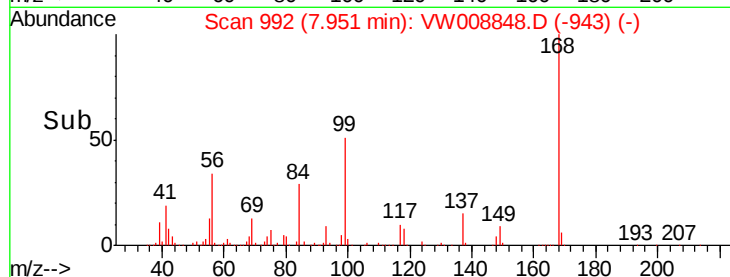
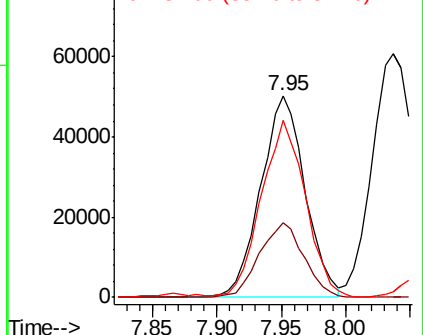


Abundance

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: 20.479 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

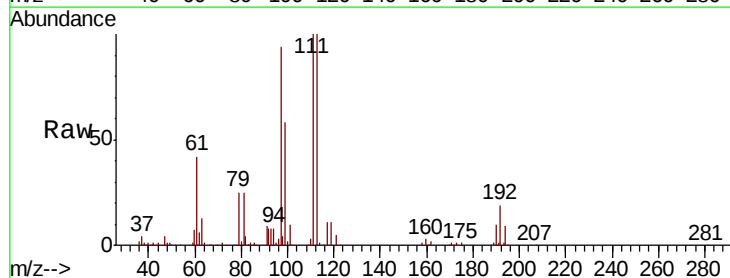
Tgt Ion: 97 Resp: 110826

Ion Ratio Lower Upper

97 100

99 64.8 50.8 76.2

61 47.3 36.0 54.0

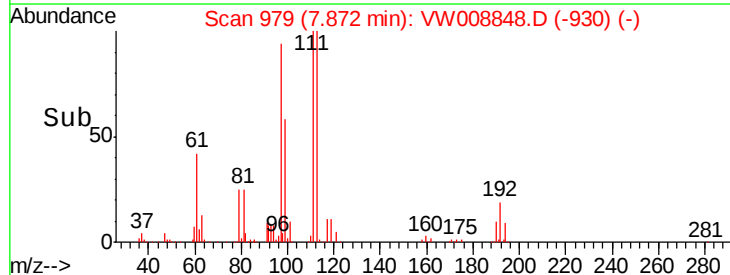
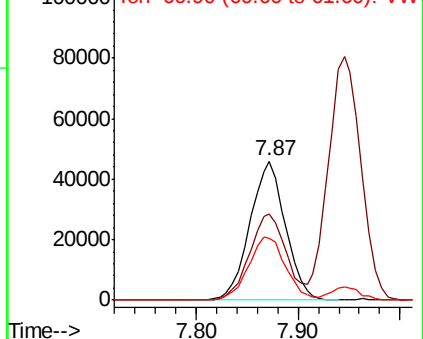


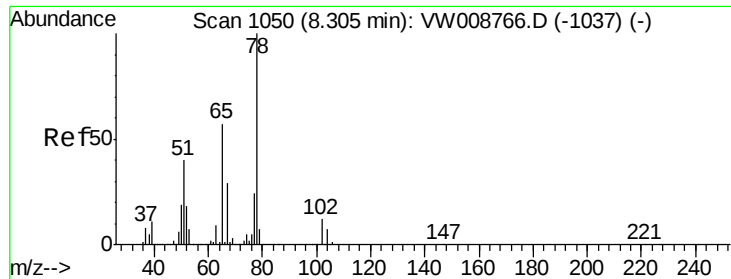
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 48.336 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Instrument :

MSVOA_W

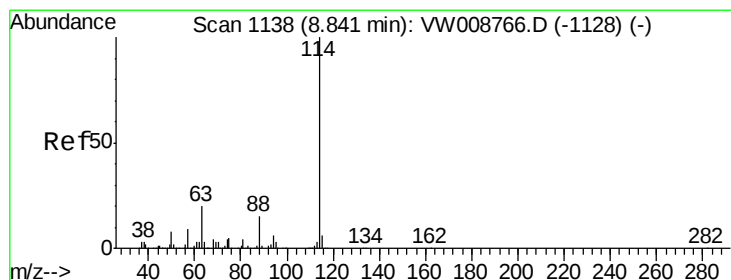
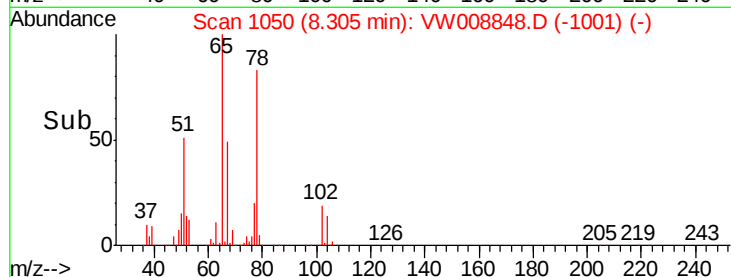
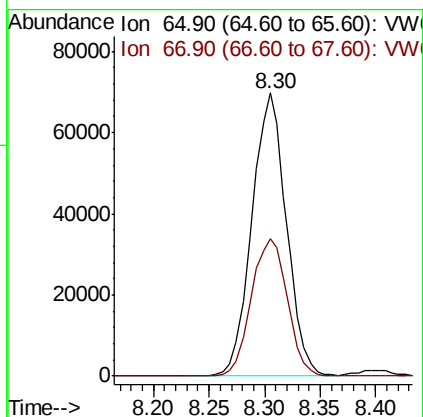
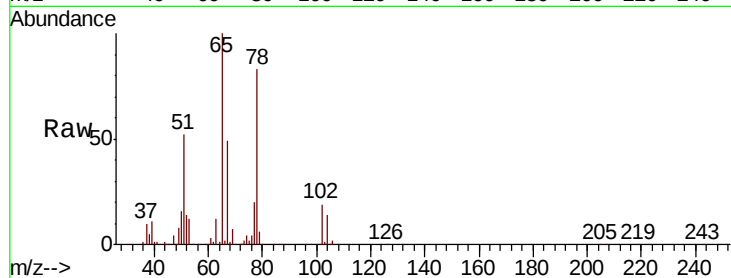
ClientSampled :

Tot Ion: 65 Resp: 150544

Ion Ratio Lower Upper

65 100

67 50.6 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

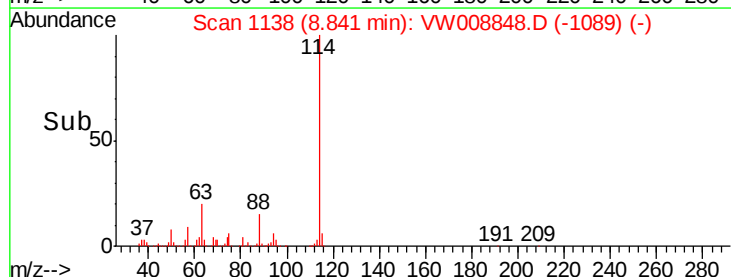
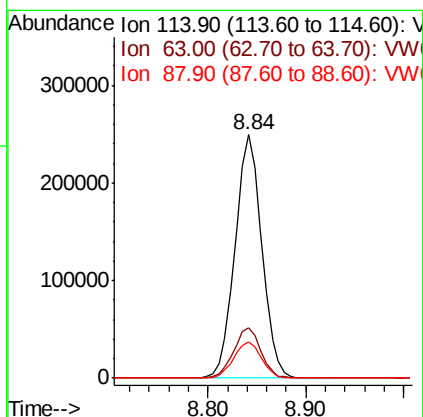
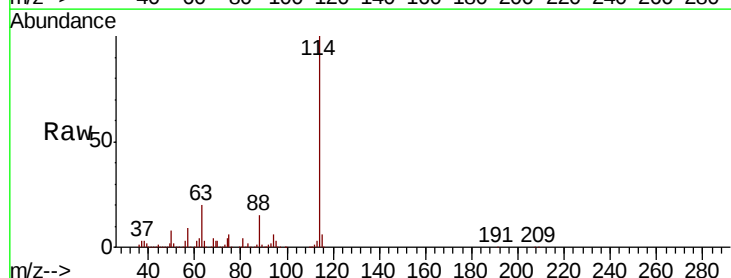
Tgt Ion: 114 Resp: 472798

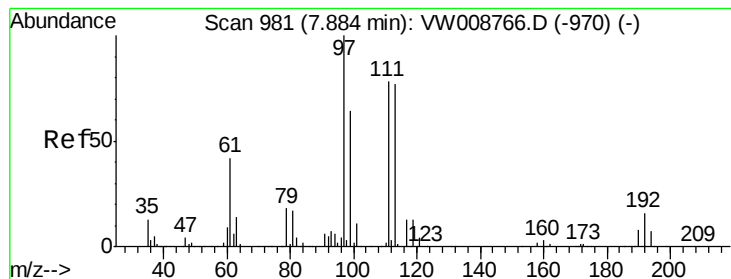
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

88 14.7 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.753 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

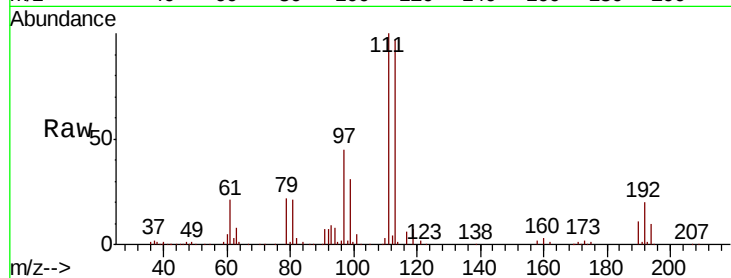
Tot Ion:113 Resp: 144073

Ion Ratio Lower Upper

113 100

111 102.1 81.9 122.9

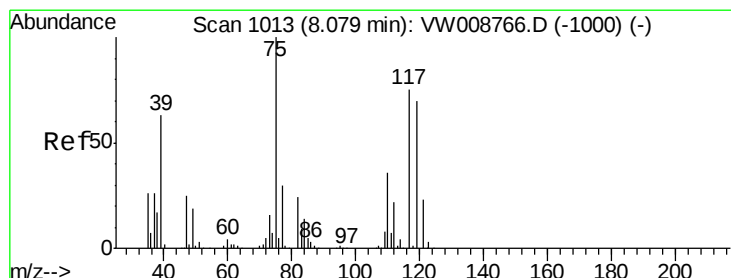
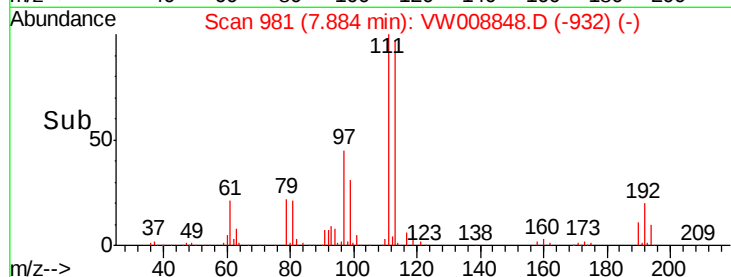
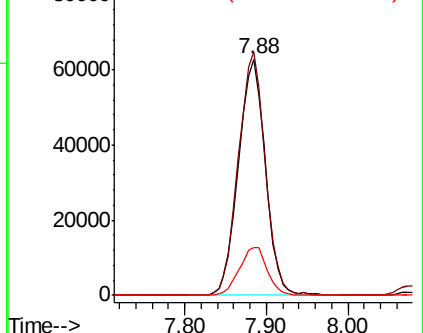
192 21.0 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 21.085 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.01 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

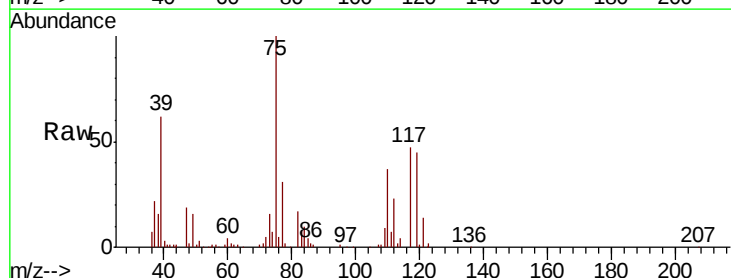
Tgt Ion: 75 Resp: 97039

Ion Ratio Lower Upper

75 100

110 35.7 17.5 52.6

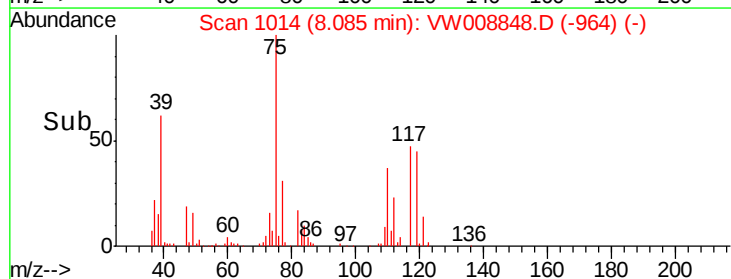
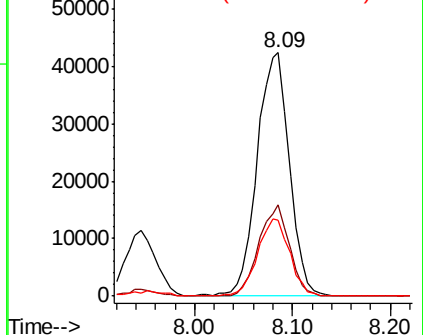
77 31.8 24.5 36.7

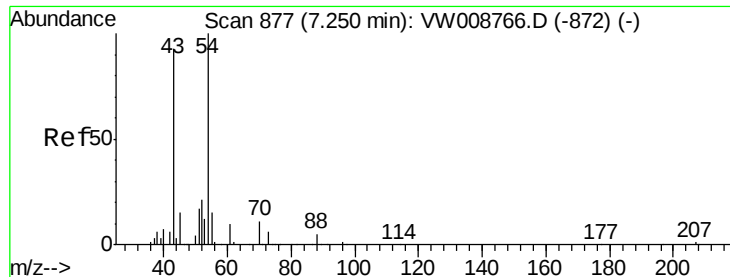


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

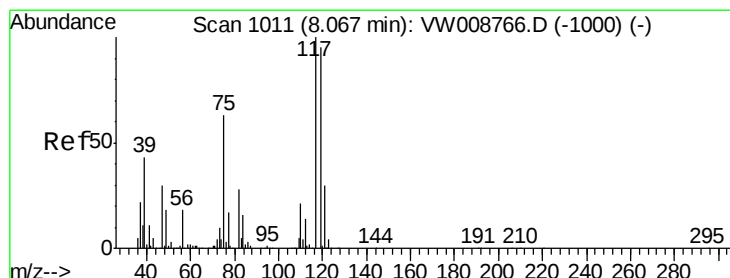
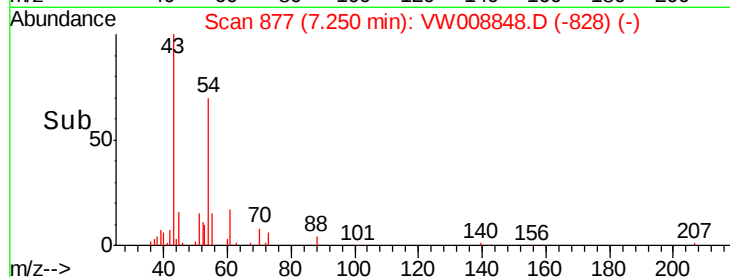
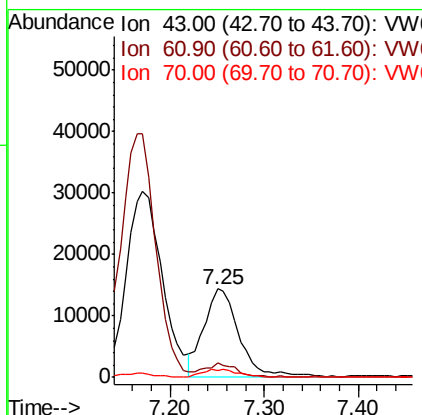
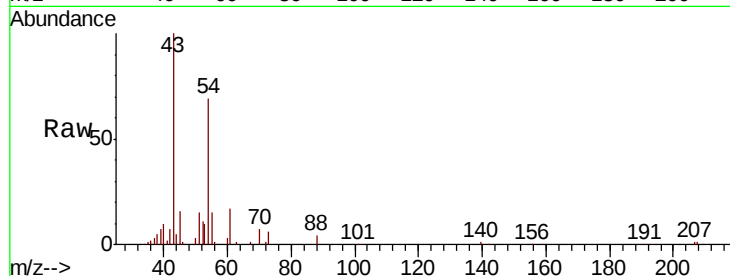




#37
Ethyl Acetate
Concen: 17.064 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

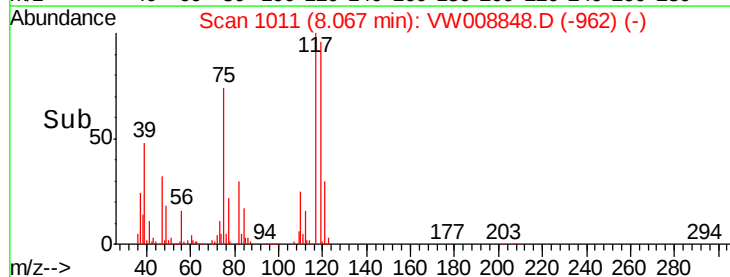
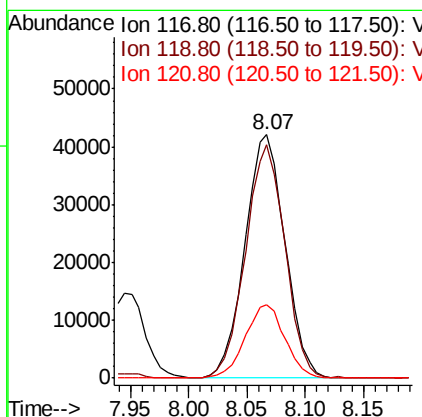
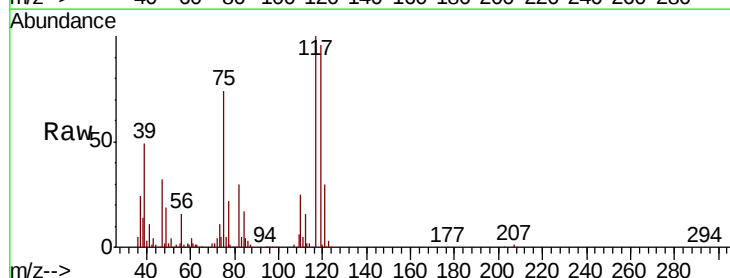
Instrument :
MSVOA_W
ClientSampleId :

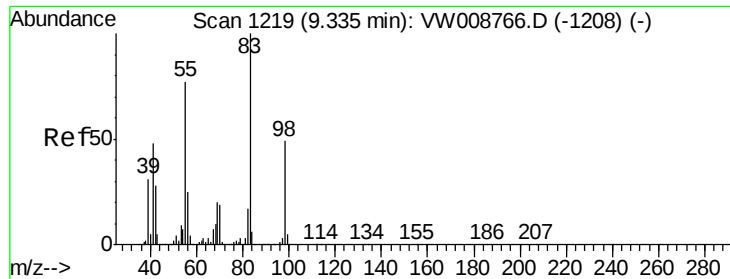
Tot Ion: 43 Resp: 36521
Ion Ratio Lower Upper
43 100
61 14.1 9.8 14.8
70 9.5 8.4 12.6



#38
Carbon Tetrachloride
Concen: 20.850 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Tgt Ion: 117 Resp: 101197
Ion Ratio Lower Upper
117 100
119 95.9 76.1 114.1
121 30.1 24.0 36.0

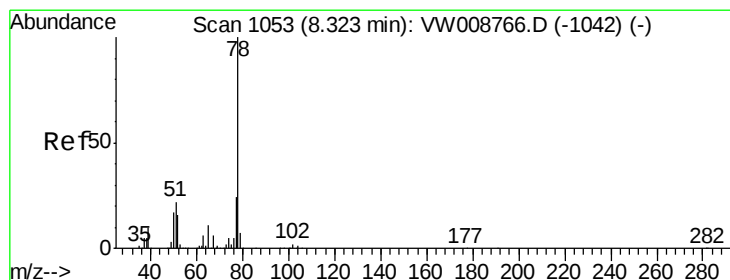
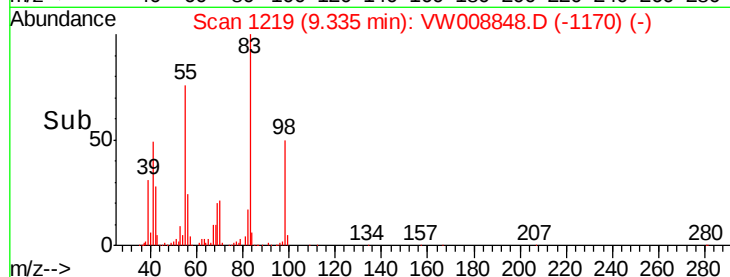
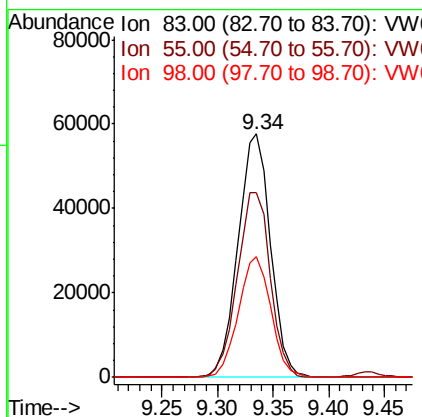
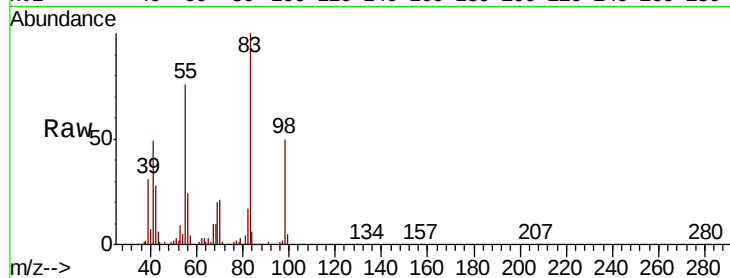




#39
Methvlcvclohexane
Concen: 20.326 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

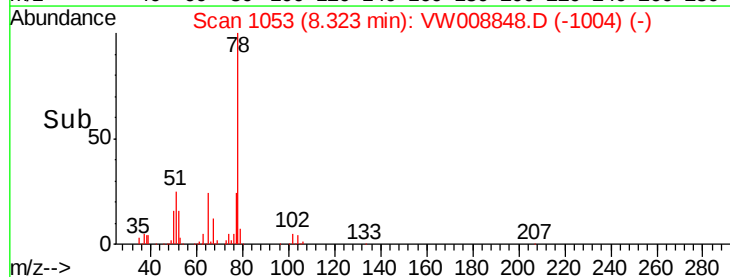
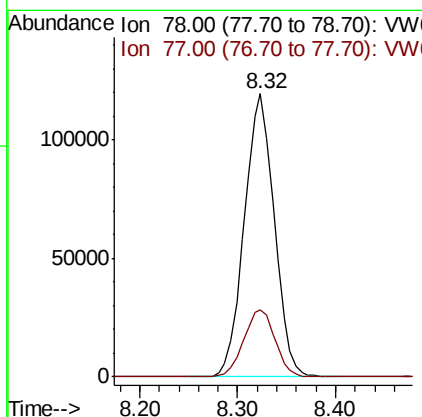
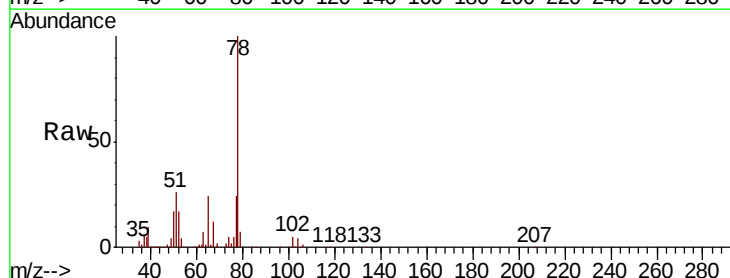
Instrument :
MSVOA_W
ClientSampleId :

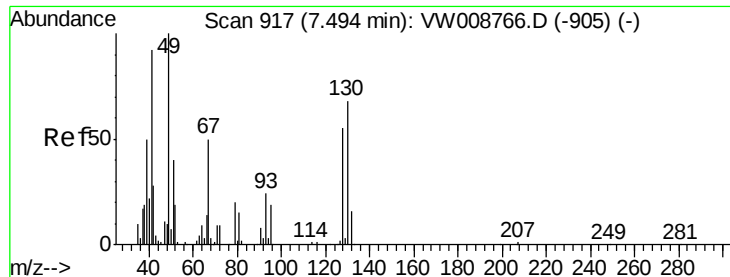
Tot Ion: 83 Resp: 116682
Ion Ratio Lower Upper
83 100
55 75.6 61.2 91.8
98 49.8 39.4 59.2



#40
Benzene
Concen: 20.282 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Tgt Ion: 78 Resp: 254859
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9

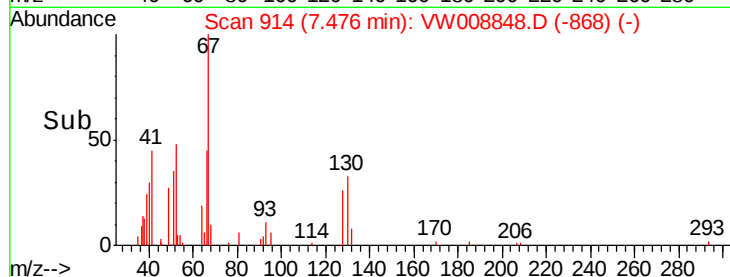
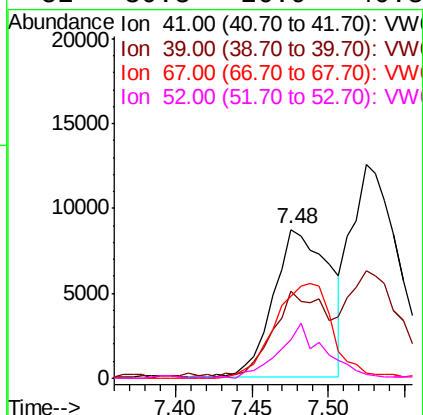
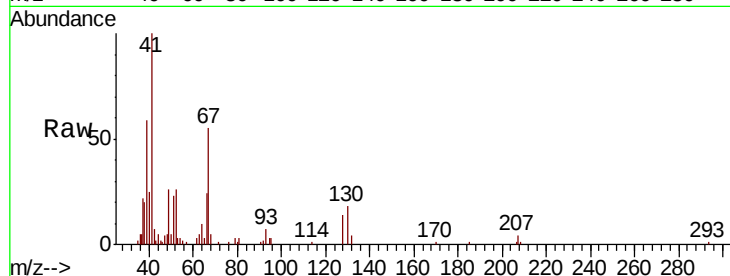




#41
Methacrylonitrile
Concen: 17.646 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.02 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

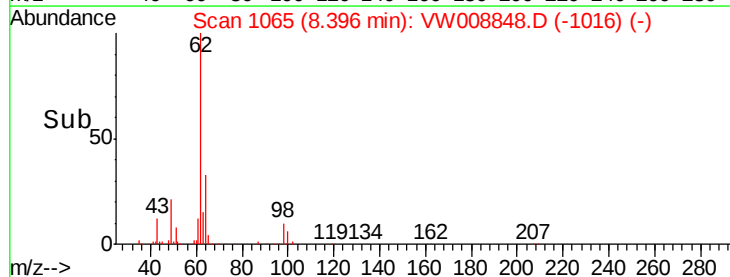
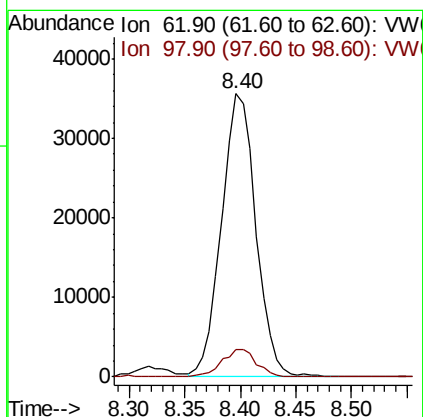
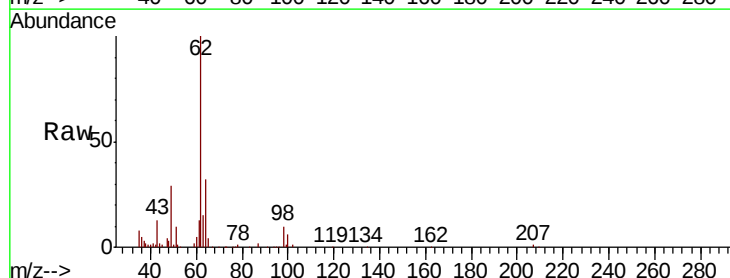
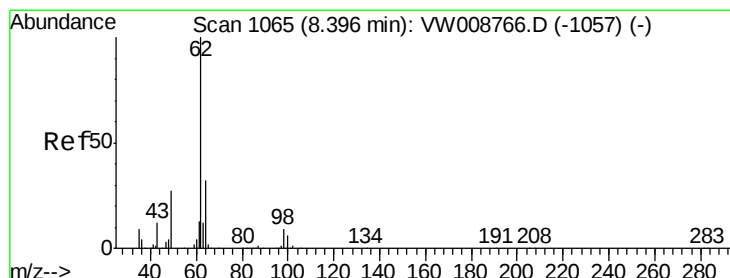
Instrument :
MSVOA_W
ClientSampleId :

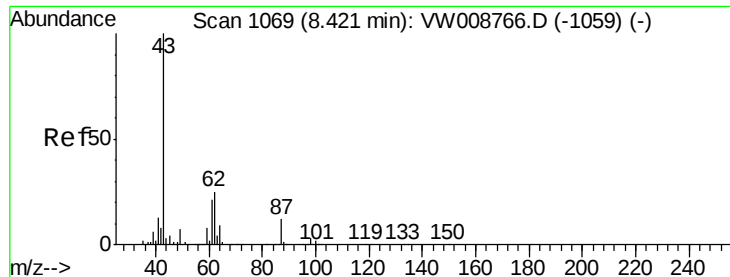
Tot Ion:	41	Resp:	22199
Ion	Ratio	Lower	Upper
41	100		
39	52.1	52.5	78.7#
67	66.6	55.0	82.6
52	30.3	26.9	40.3



#42
1,2-Dichloroethane
Concen: 19.195 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Tgt Ion:	62	Resp:	76409
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	18.2





#43

Isopropyl Acetate

Concen: 17.172 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

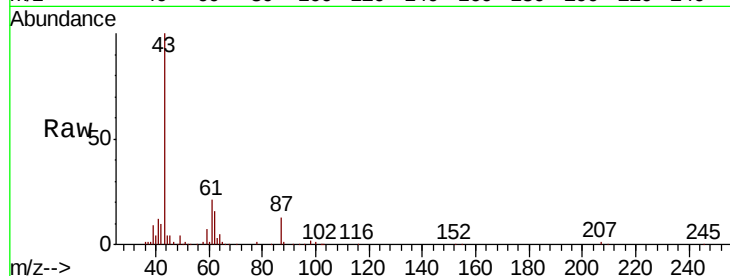
Tot Ion: 43 Resp: 73351

Ion Ratio Lower Upper

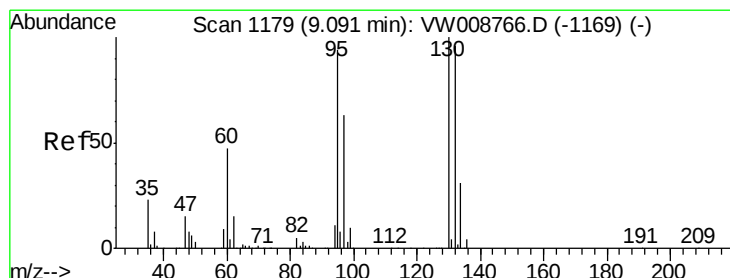
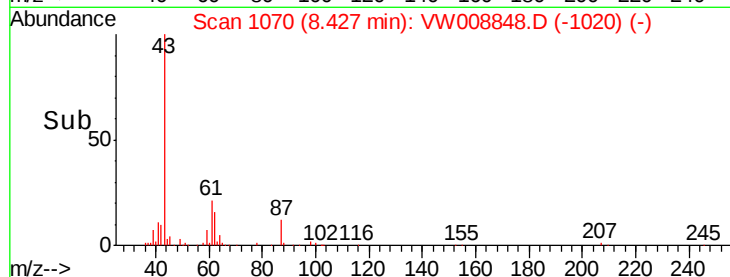
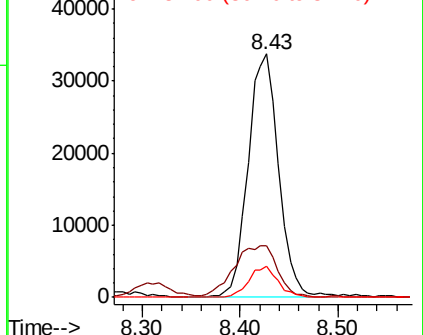
43 100

61 29.7 23.2 34.8

87 12.4 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 20.555 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW008848.D

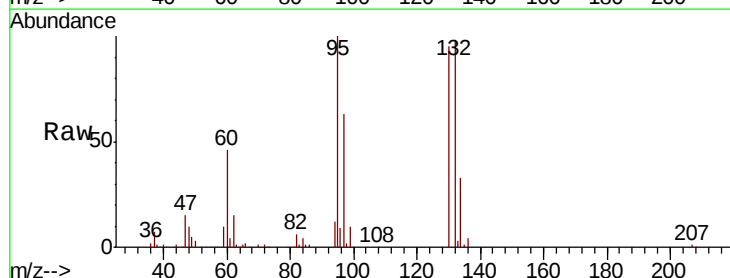
Acq: 27 Feb 2019 12:20

Tgt Ion: 130 Resp: 72763

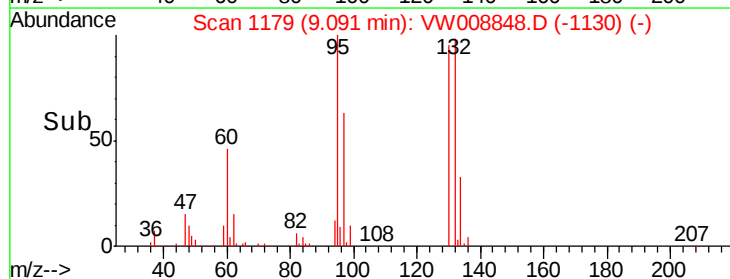
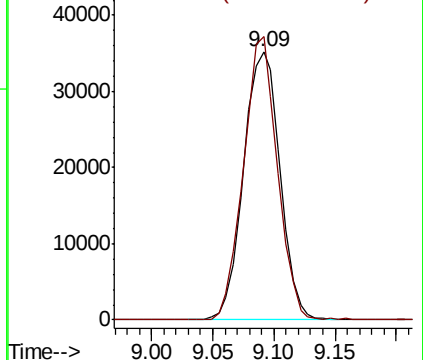
Ion Ratio Lower Upper

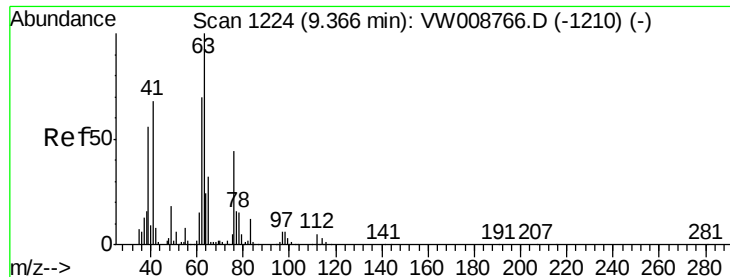
130 100

95 105.3 0.0 188.6



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

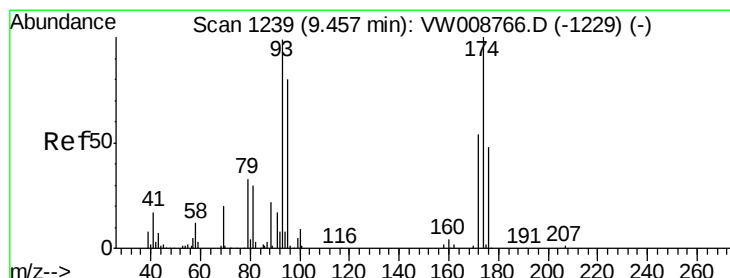
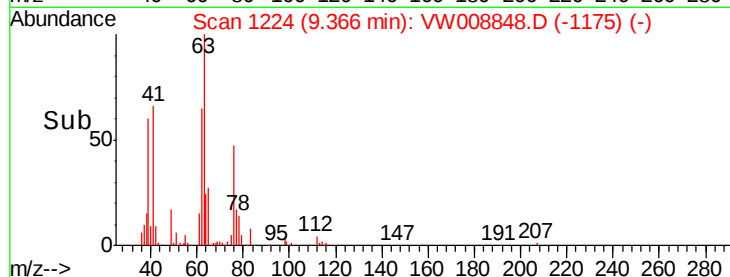
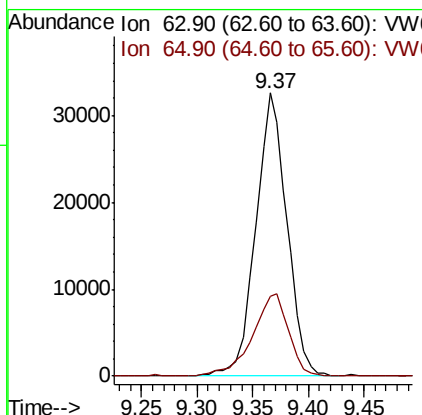
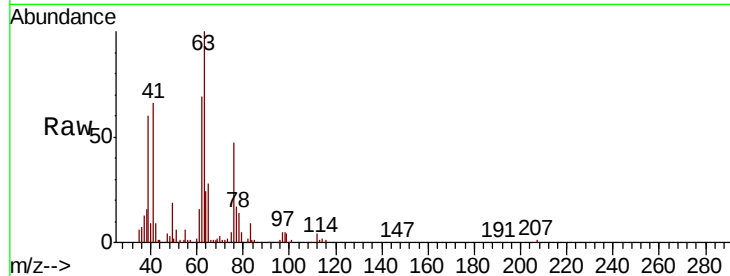




#45
 1,2-Dichloropropane
 Concen: 20.438 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

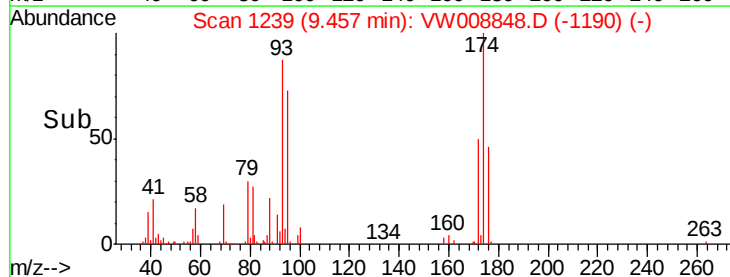
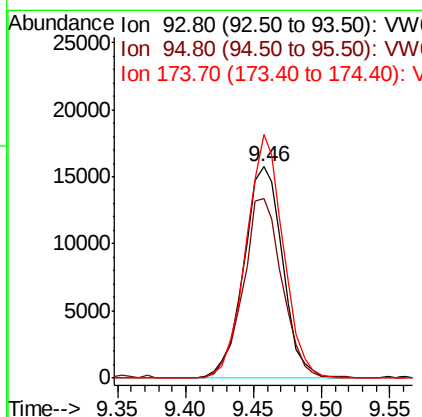
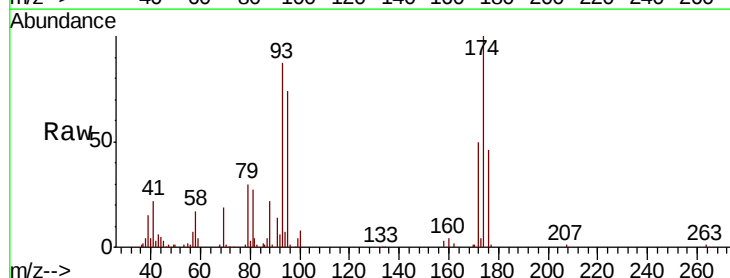
Instrument :
 MSVOA_W
 ClientSampleId :

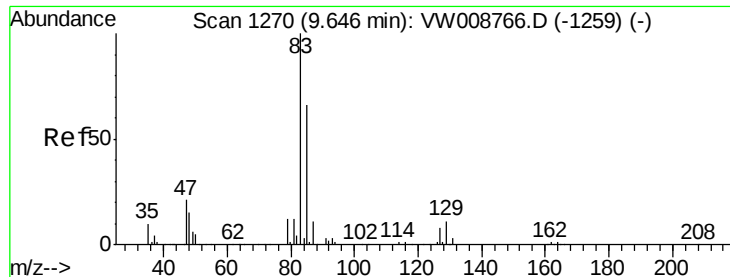
Tot Ion: 63 Resp: 63466
 Ion Ratio Lower Upper
 63 100
 65 28.1 25.5 38.3



#46
 Dibromomethane
 Concen: 18.106 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

Tgt Ion: 93 Resp: 31273
 Ion Ratio Lower Upper
 93 100
 95 85.8 67.7 101.5
 174 110.7 86.7 130.1





#47

Bromodichloromethane

Concen: 20.059 ug/l

RT: 9.65 min Scan# 1270

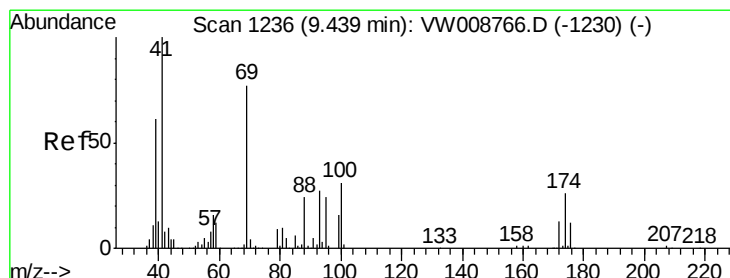
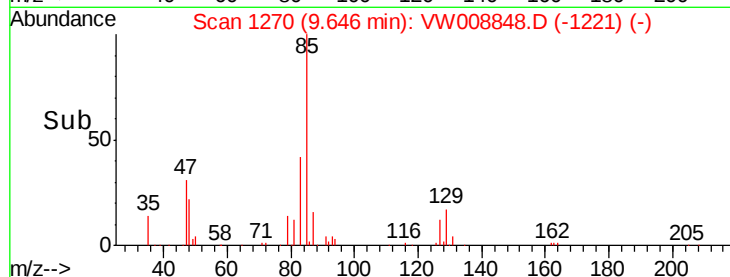
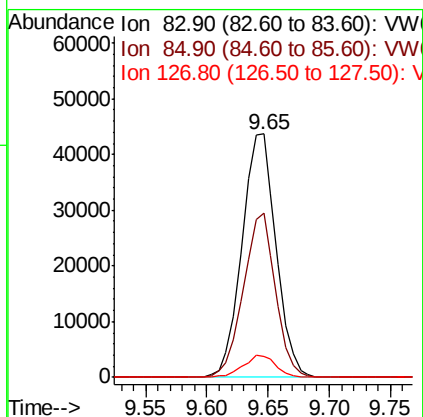
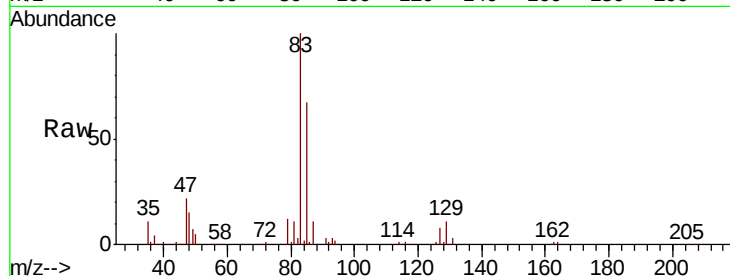
Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	83	Resp:	84295
Ion	Ratio	Lower	Upper
83	100		
85	67.5	52.5	78.7
127	8.3	6.7	10.1



#48

Methyl methacrylate

Concen: 15.701 ug/l

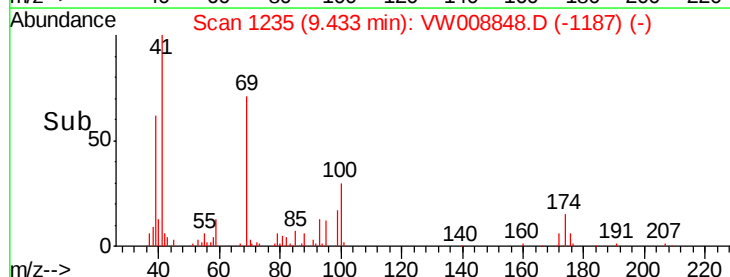
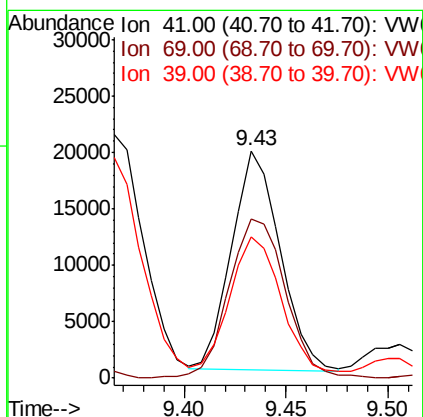
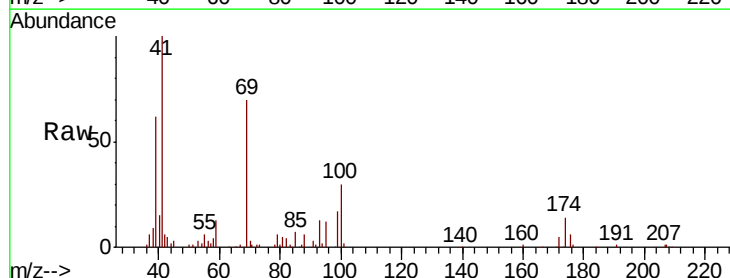
RT: 9.43 min Scan# 1235

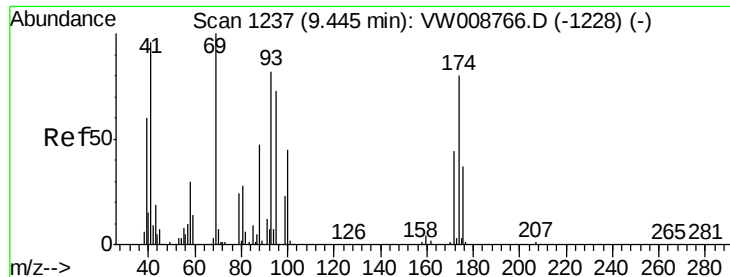
Delta R.T. -0.01 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Tgt Ion:	41	Resp:	32120
Ion	Ratio	Lower	Upper
41	100		
69	84.4	63.6	95.4
39	70.2	52.1	78.1





#49

1,4-Dioxane

Concen: 314.133 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

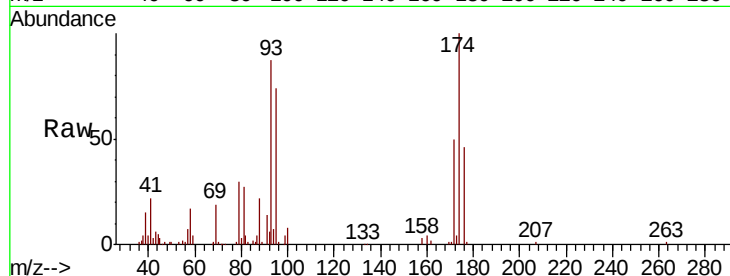
Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

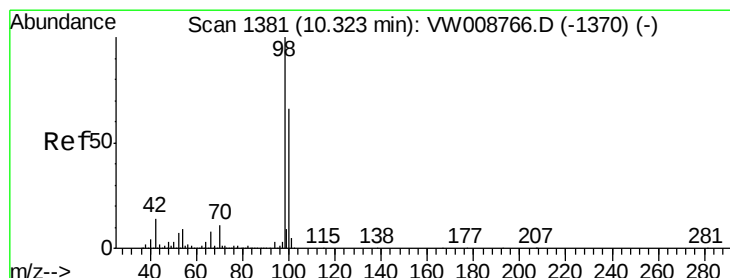
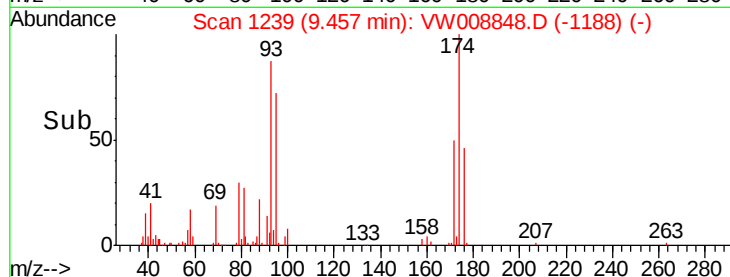
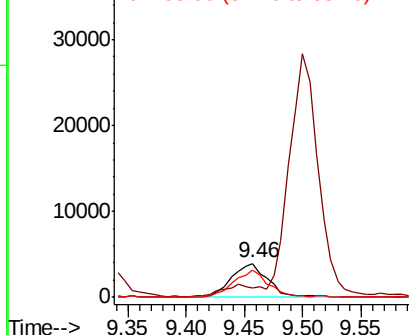
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 88 Resp: 8689

Ion	Ratio	Lower	Upper
88	100		
43	28.8	29.0	43.4#
58	75.0	52.0	78.0



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: 51.306 ug/l

RT: 10.32 min Scan# 1381

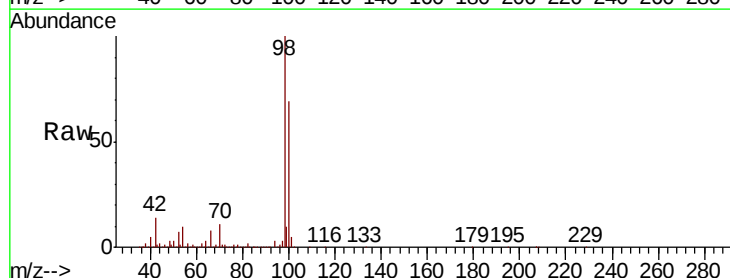
Delta R.T. -0.00 min

Lab File: VW008848.D

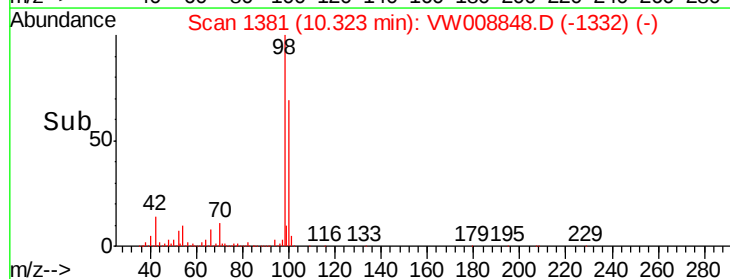
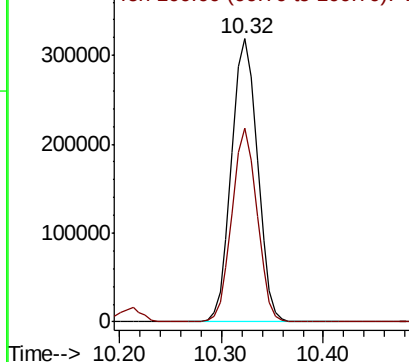
Acq: 27 Feb 2019 12:20

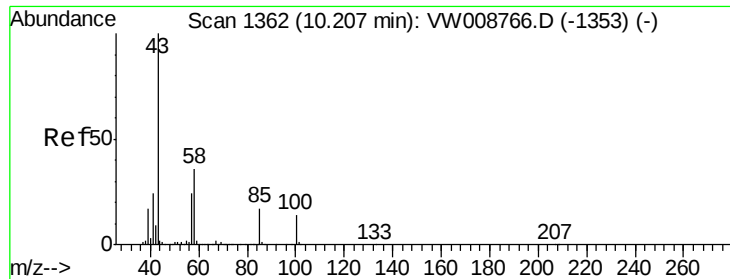
Tgt Ion: 98 Resp: 562227

Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.4	78.6



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

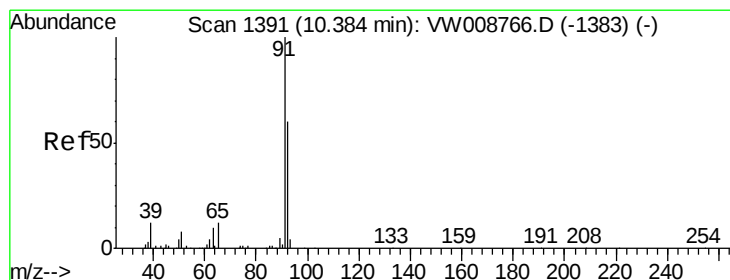
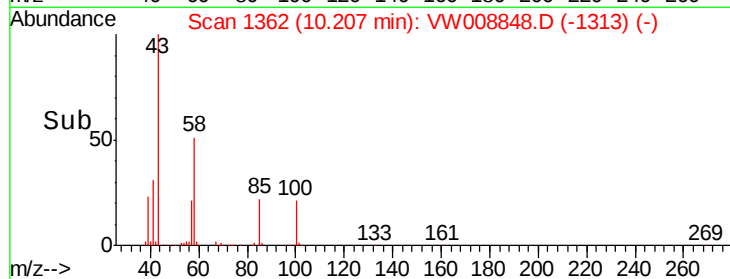
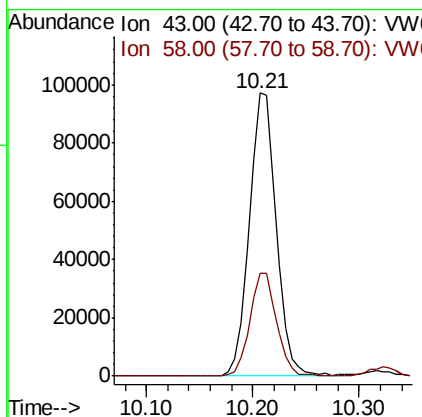
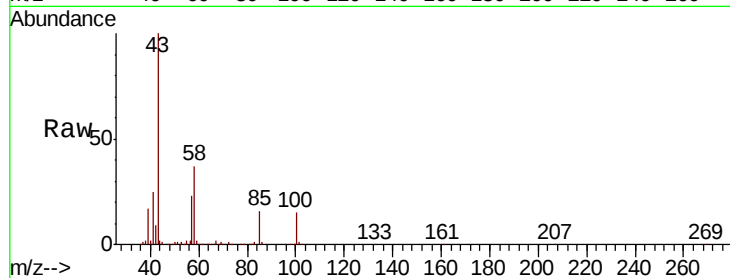




#51
 4-Methyl-2-Pentanone
 Concen: 79.981 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

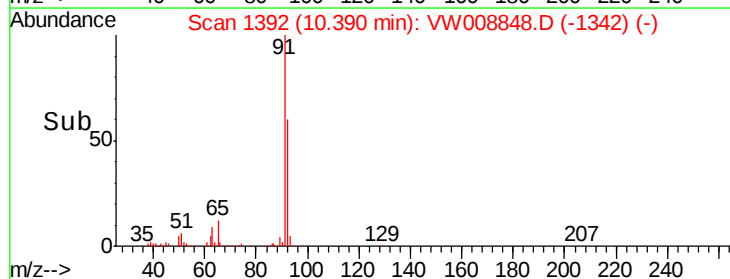
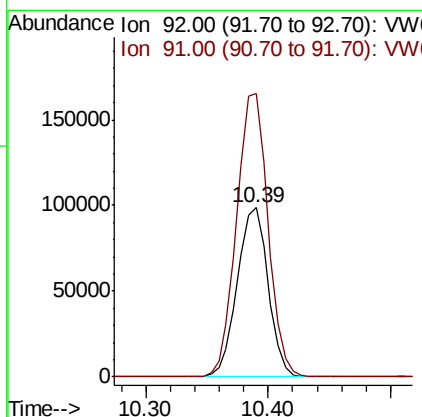
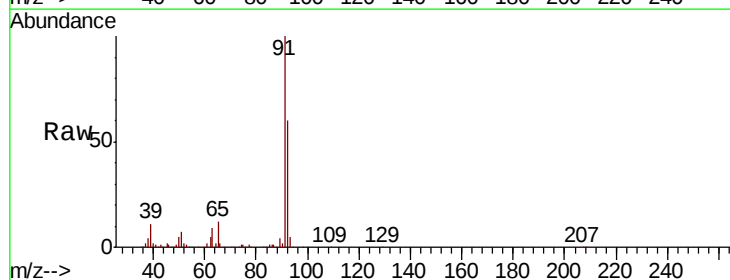
Instrument :
 MSVOA_W
 ClientSampled :

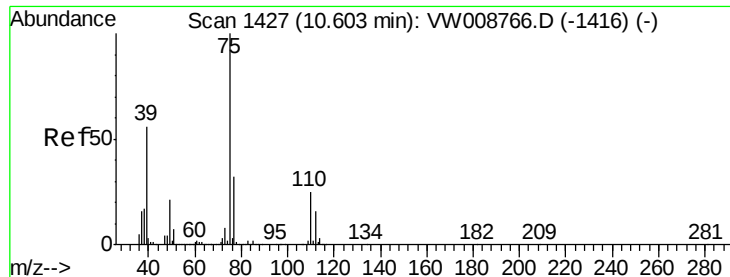
Tot Ion: 43 Resp: 173447
 Ion Ratio Lower Upper
 43 100
 58 36.2 29.1 43.7



#52
 Toluene
 Concen: 20.236 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

Tgt Ion: 92 Resp: 172573
 Ion Ratio Lower Upper
 92 100
 91 170.8 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 18.965 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Instrument :

MSVOA_W

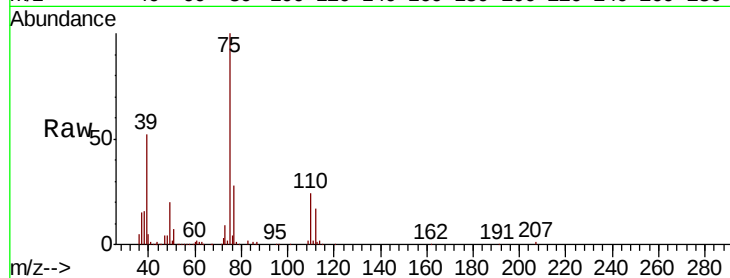
ClientSampled :

Tot Ion: 75 Resp: 81236

Ion Ratio Lower Upper

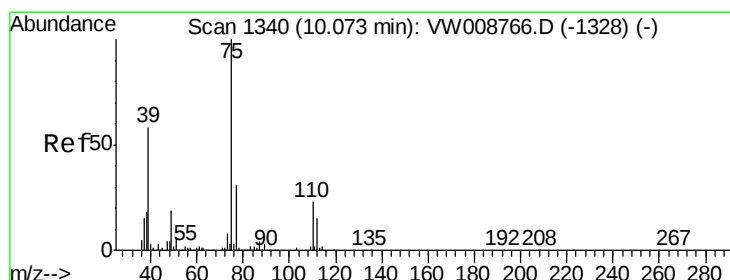
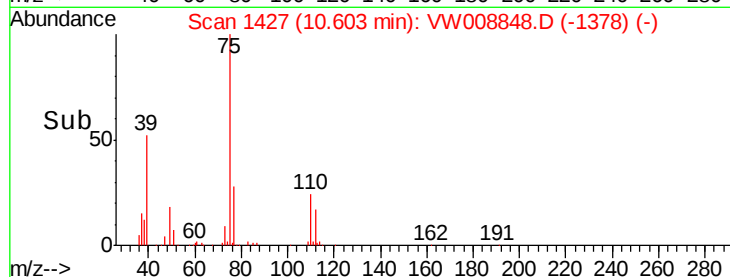
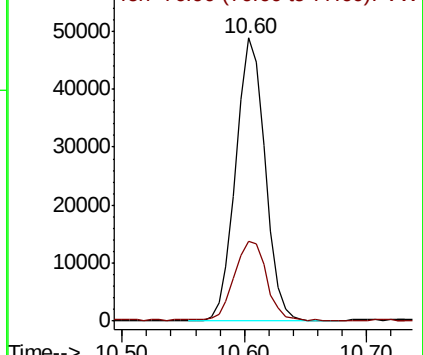
75 100

77 28.4 26.1 39.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 20.283 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

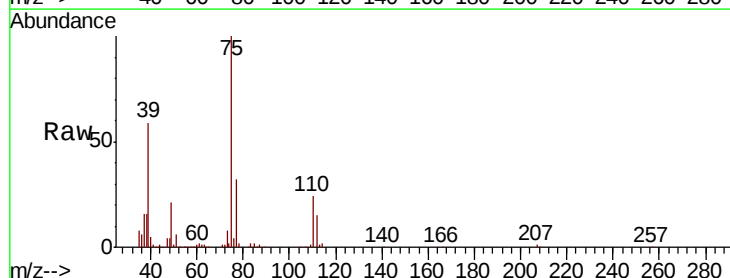
Tgt Ion: 75 Resp: 99089

Ion Ratio Lower Upper

75 100

77 32.3 25.0 37.4

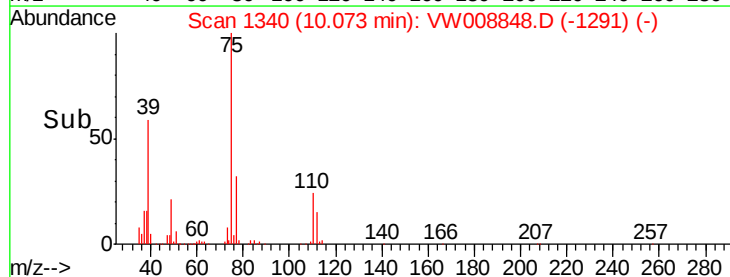
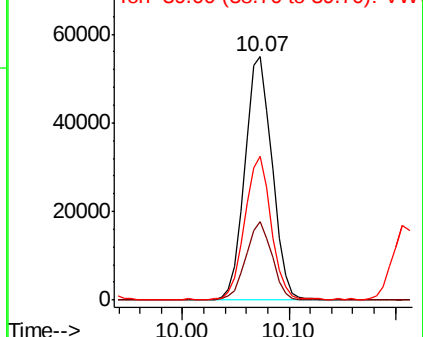
39 58.6 46.6 70.0

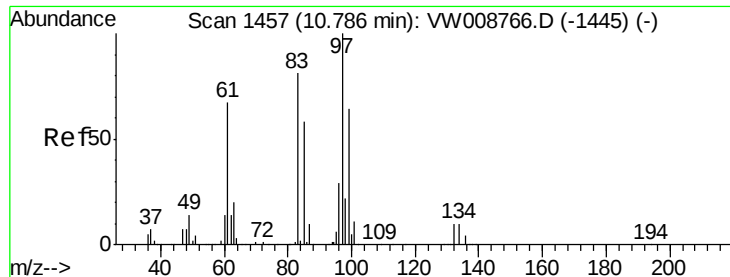


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW





#55

1,1,2-Trichloroethane

Concen: 18.860 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 97 Resp: 44179

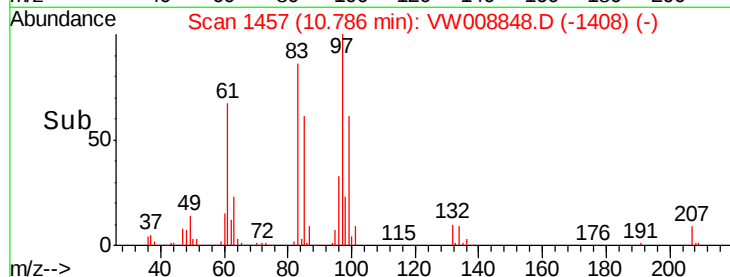
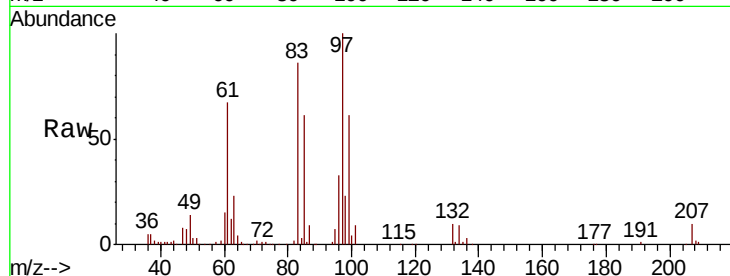
Ion	Ratio	Lower	Upper
97	100		
83	86.0	65.0	97.6
85	61.4	46.0	69.0
99	60.6	51.1	76.7

97 100

83 86.0 65.0 97.6

85 61.4 46.0 69.0

99 60.6 51.1 76.7



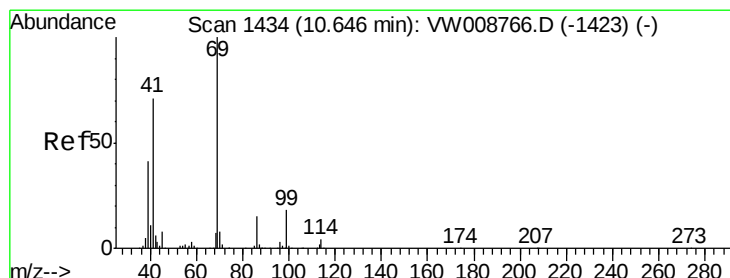
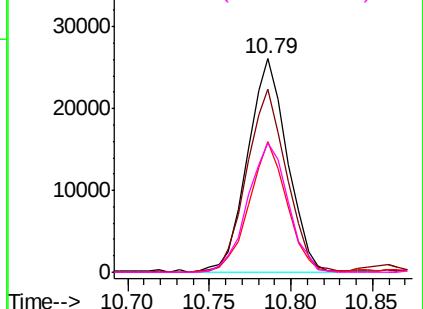
Abundance

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: 16.311 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

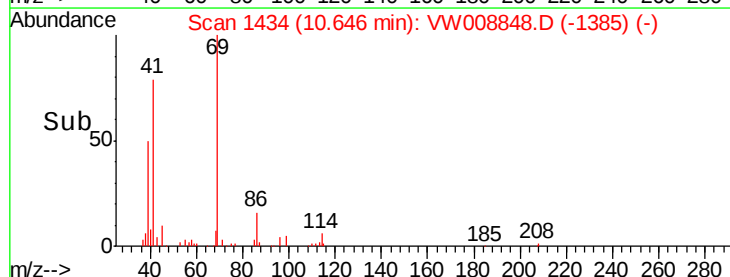
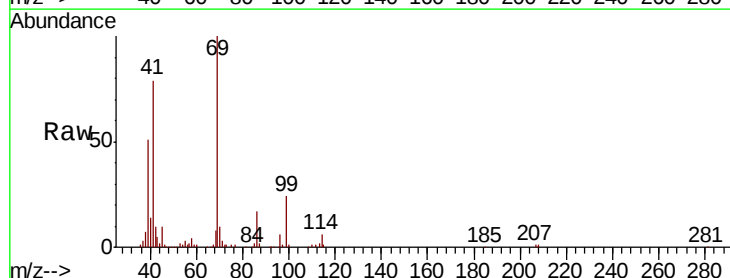
Tgt Ion: 69 Resp: 49638

Ion	Ratio	Lower	Upper
69	100		
41	74.0	57.4	86.0
39	45.8	34.8	52.2

69 100

41 74.0 57.4 86.0

39 45.8 34.8 52.2

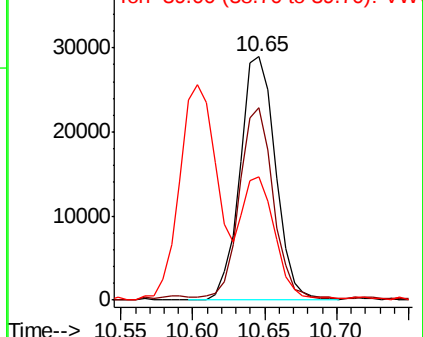


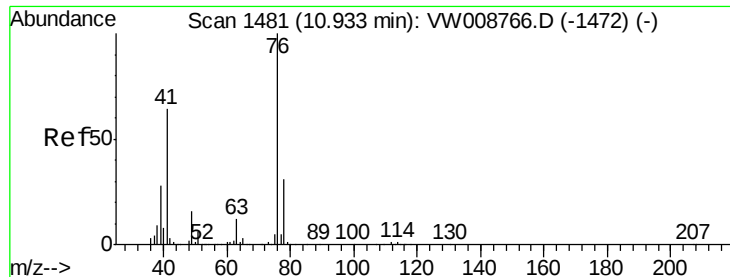
Abundance

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

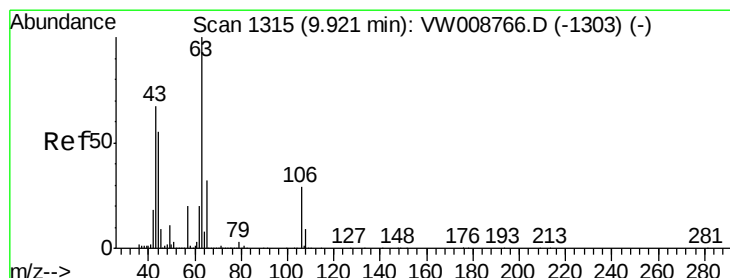
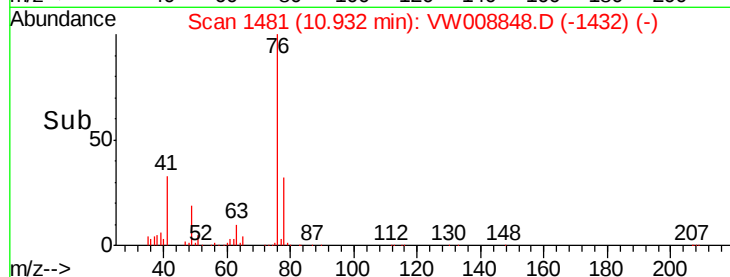
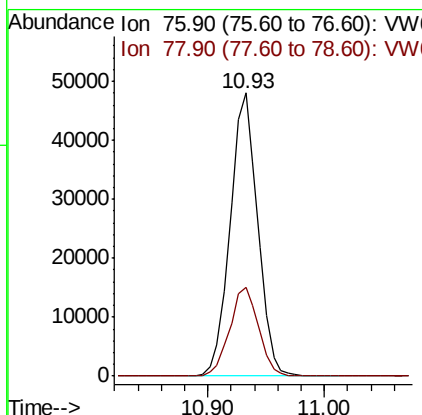
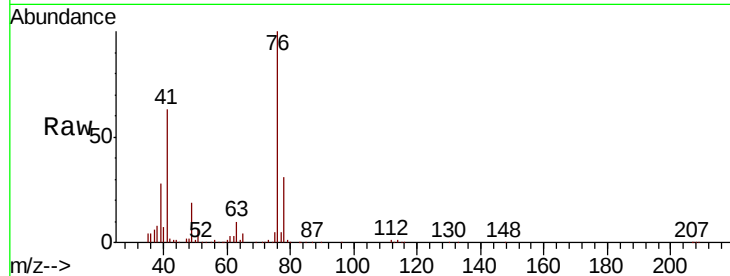




#57
 1,3-Dichloropropane
 Concen: 19.157 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

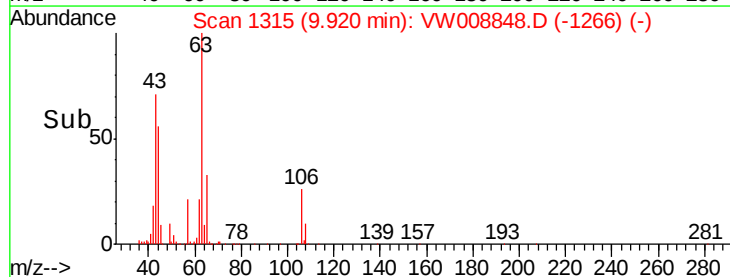
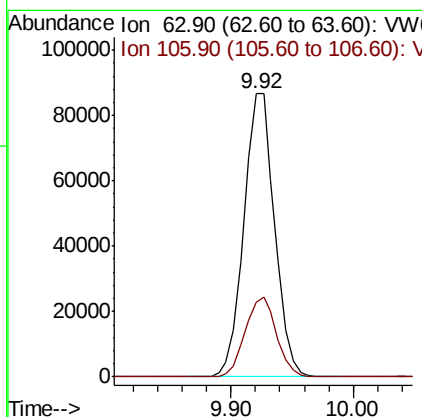
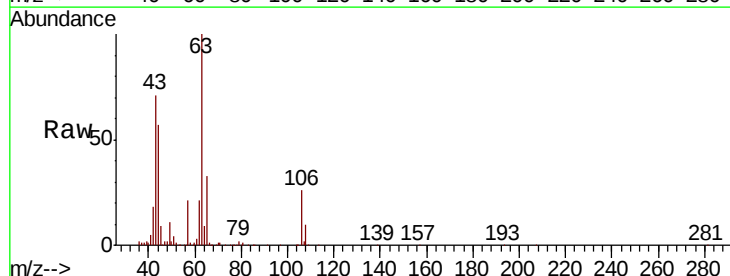
Instrument :
 MSVOA_W
 ClientSampled :

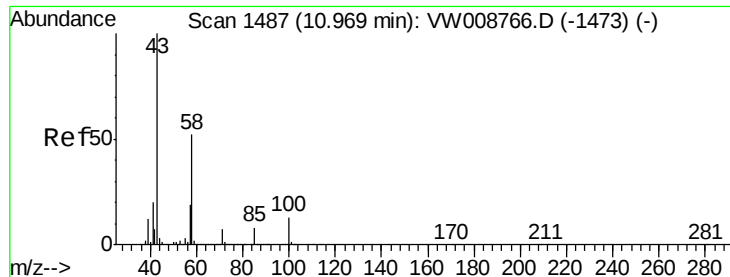
Tot Ion: 76 Resp: 79228
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.011 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

Tgt Ion: 63 Resp: 151547
 Ion Ratio Lower Upper
 63 100
 106 28.7 24.0 36.0

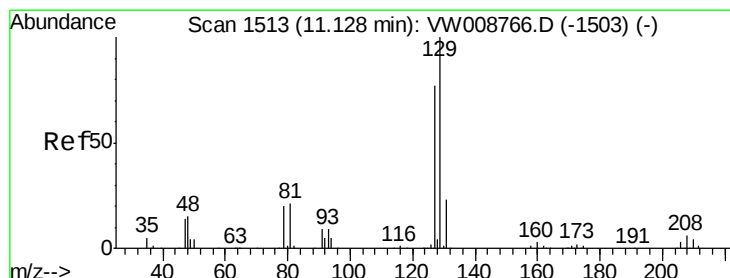
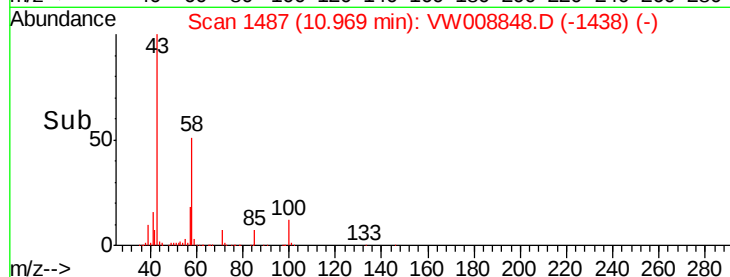
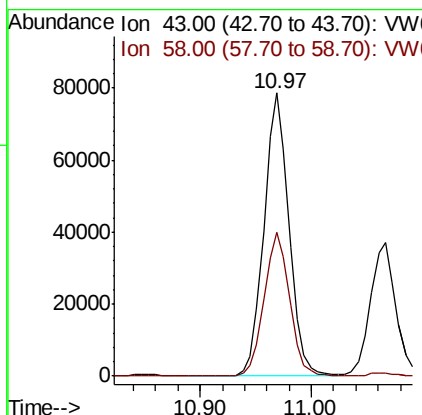
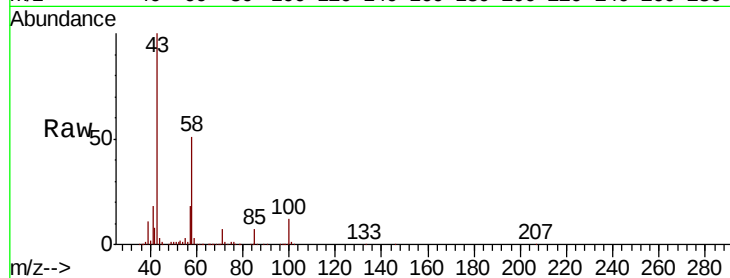




#59
2-Hexanone
Concen: 79.790 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

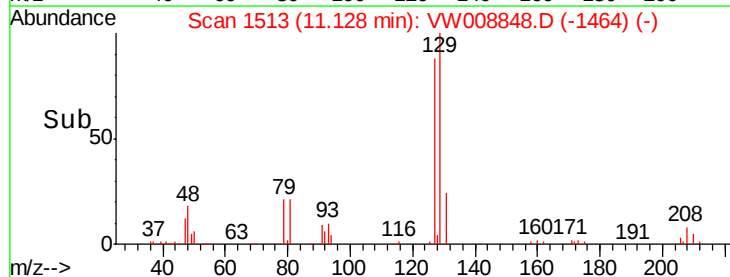
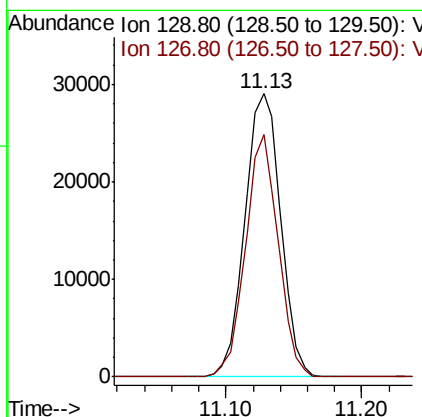
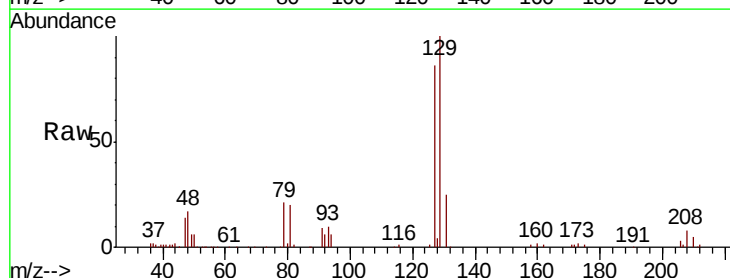
Instrument :
MSVOA_W
ClientSampled :

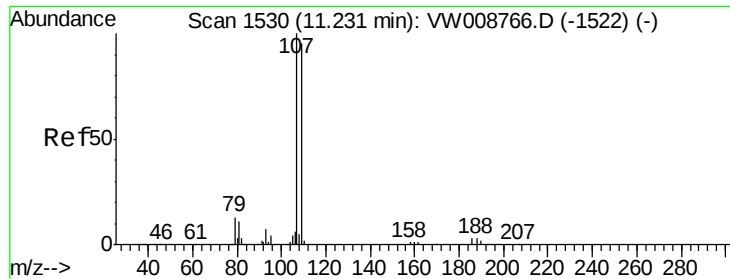
Tot Ion: 43 Resp: 123172
Ion Ratio Lower Upper
43 100
58 51.8 25.3 75.8



#60
Dibromochloromethane
Concen: 18.780 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Tgt Ion:129 Resp: 53656
Ion Ratio Lower Upper
129 100
127 78.1 39.0 116.9

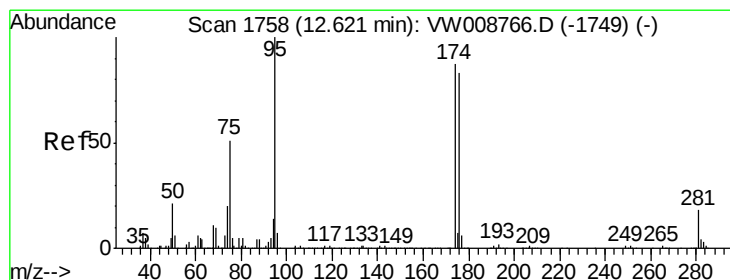
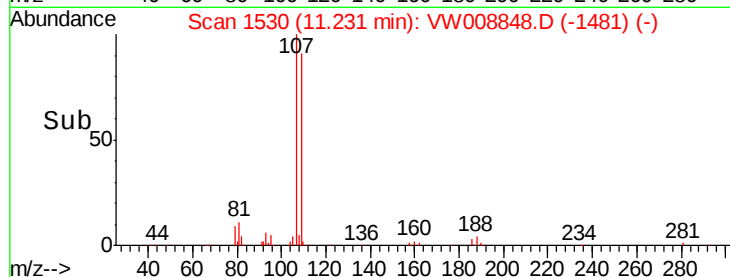
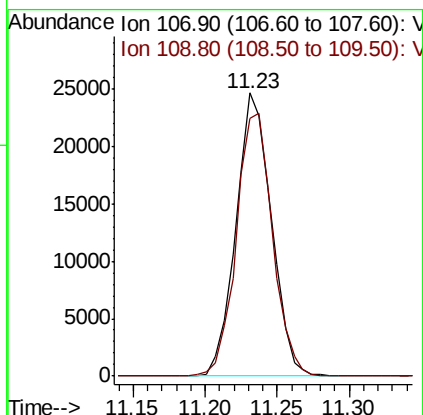
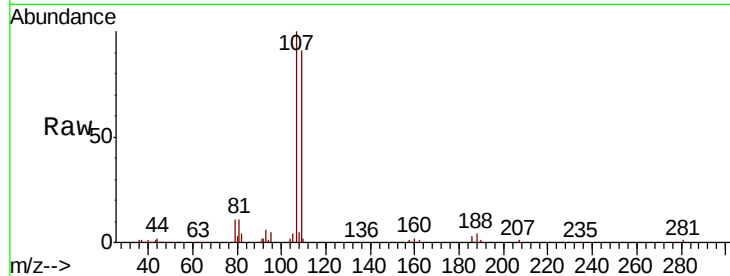




#61
 1,2-Dibromoethane
 Concen: 18.115 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

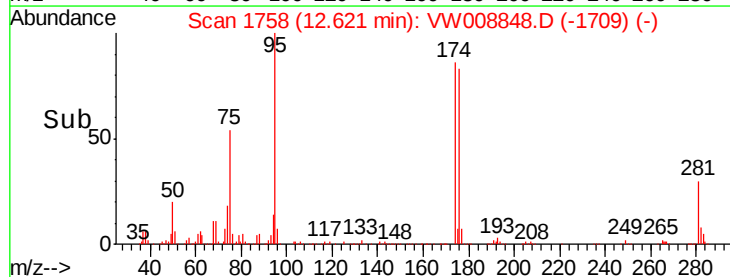
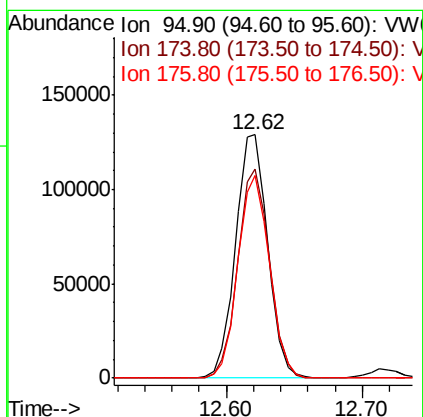
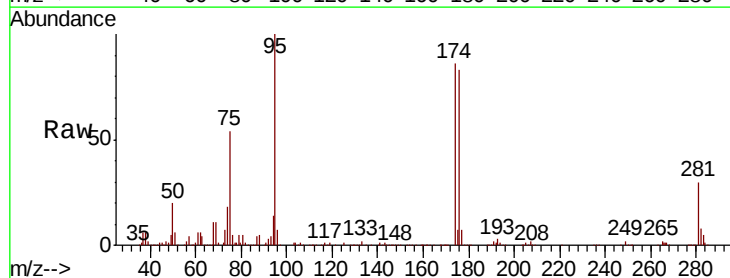
Instrument :
 MSVOA_W
 ClientSampled :

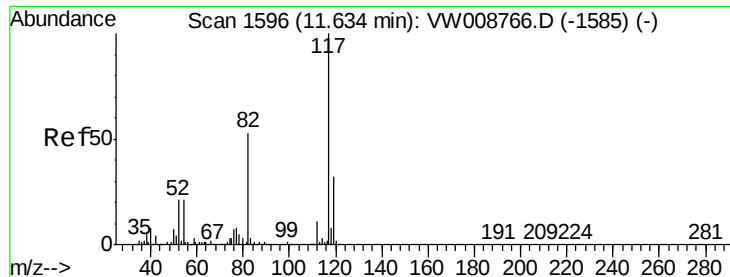
Tot Ion: 107 Resp: 42001
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 49.520 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

Tgt Ion: 95 Resp: 212473
 Ion Ratio Lower Upper
 95 100
 174 84.9 0.0 169.2
 176 82.0 0.0 163.6

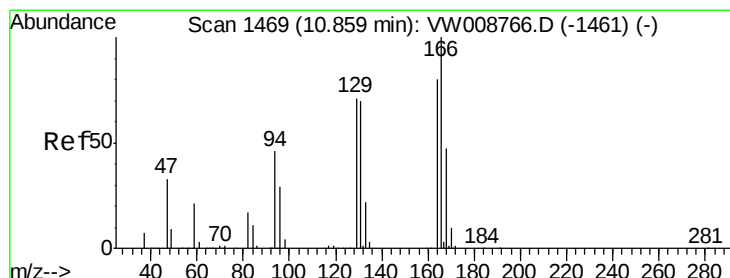
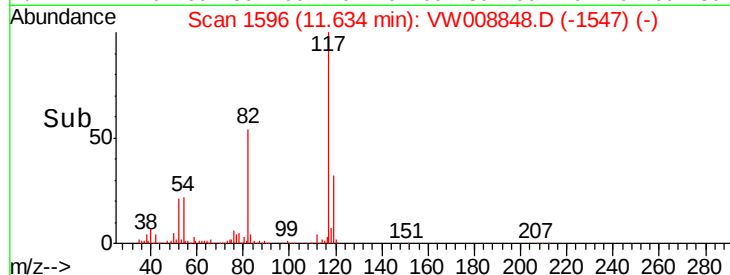
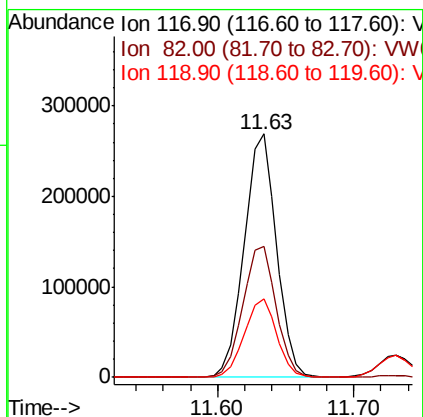
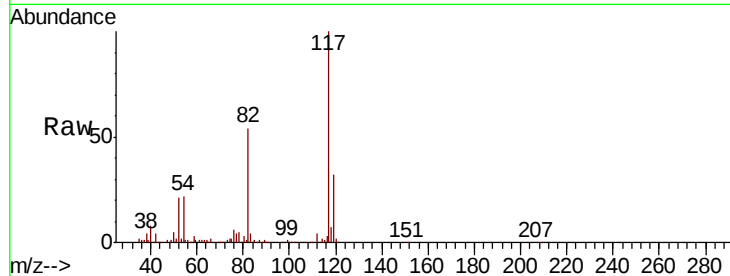




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

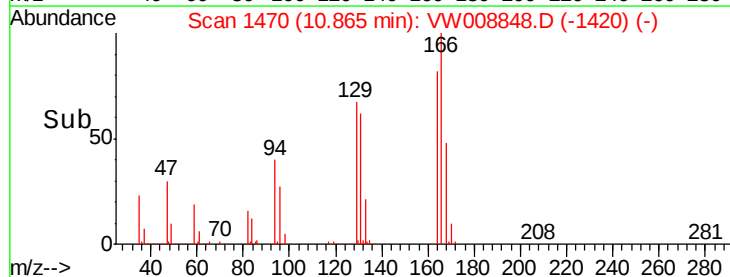
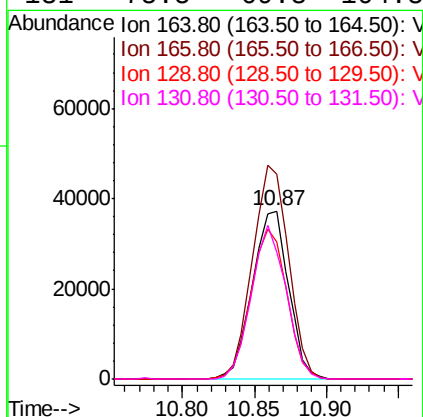
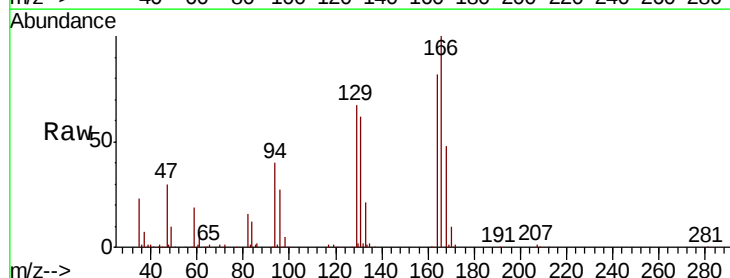
Instrument :
MSVOA_W
ClientSampleId :

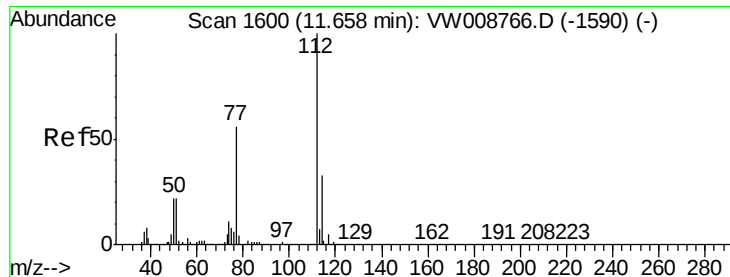
Tot Ion:117 Resp: 446878
Ion Ratio Lower Upper
117 100
82 53.9 42.2 63.4
119 32.3 25.9 38.9



#64
Tetrachloroethene
Concen: 20.206 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Tgt Ion:164 Resp: 64637
Ion Ratio Lower Upper
164 100
166 121.6 99.5 149.3
129 81.7 71.1 106.7
131 75.5 69.8 104.8

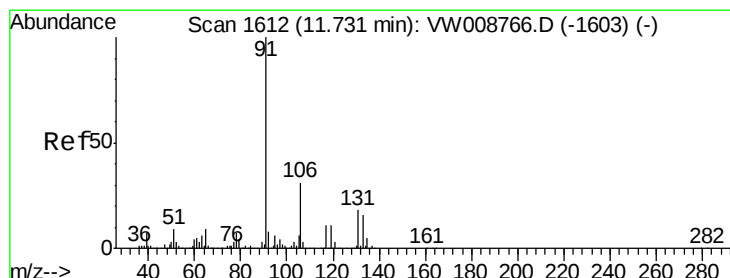
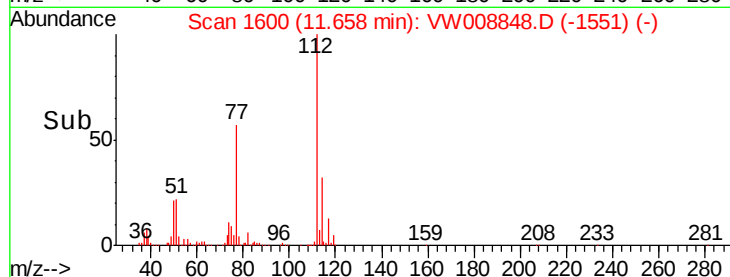
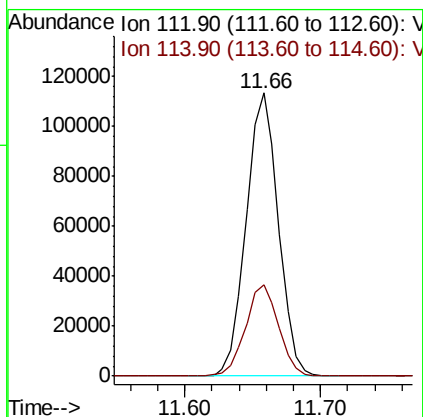
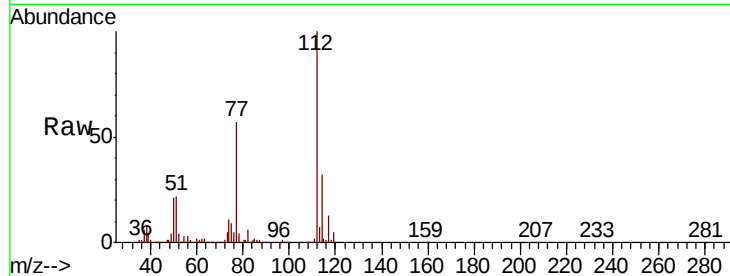




#65
Chlorobenzene
Concen: 19.970 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

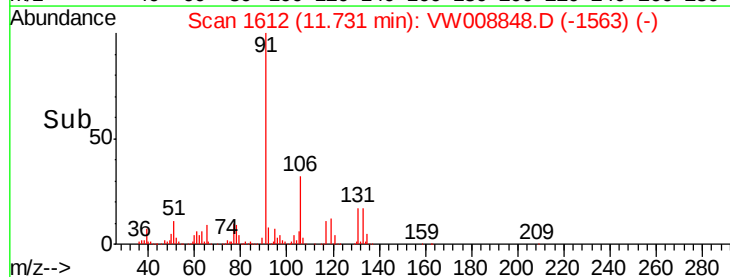
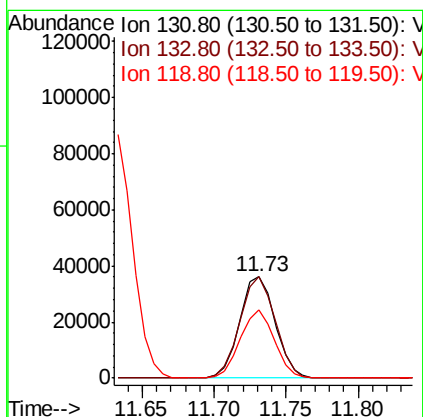
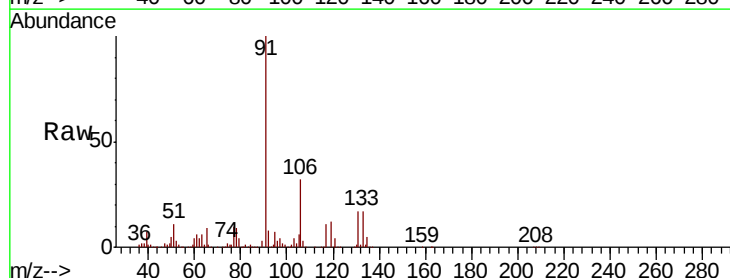
Instrument :
MSVOA_W
ClientSampleId :

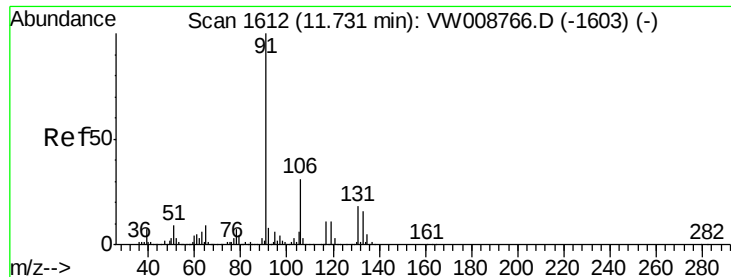
Tot Ion:112 Resp: 187650
Ion Ratio Lower Upper
112 100
114 32.4 26.6 40.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.513 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Tgt Ion:131 Resp: 61997
Ion Ratio Lower Upper
131 100
133 99.3 46.7 140.0
119 64.3 30.8 92.4





#67

Ethyl Benzene

Concen: 20.033 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Instrument :

MSVOA_W

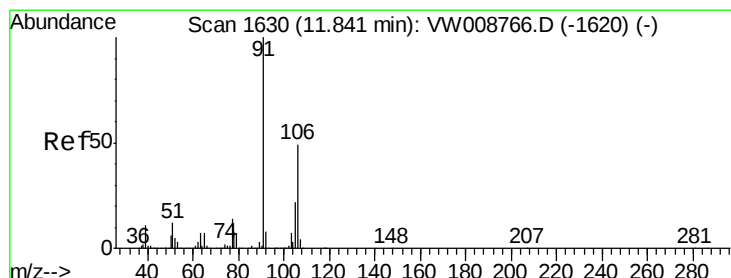
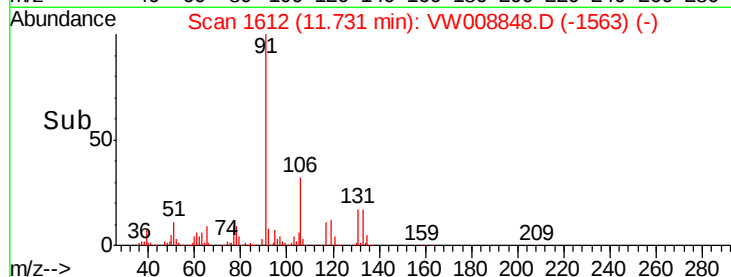
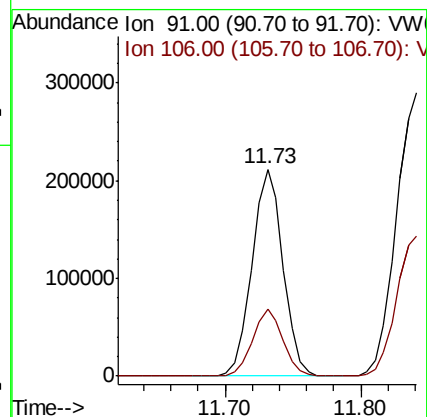
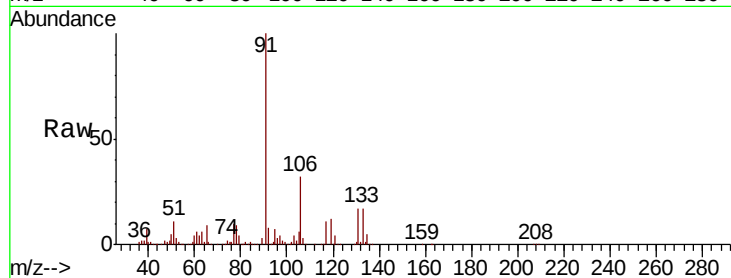
ClientSampled :

Tot Ion: 91 Resp: 336506

Ion Ratio Lower Upper

91 100

106 32.4 25.0 37.6



#68

m/p-Xylenes

Concen: 40.515 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW008848.D

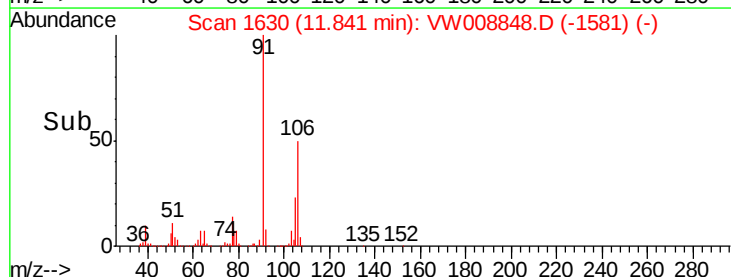
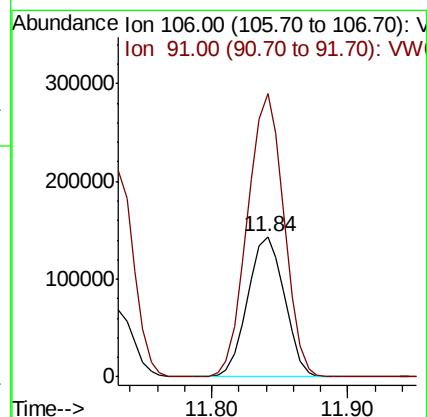
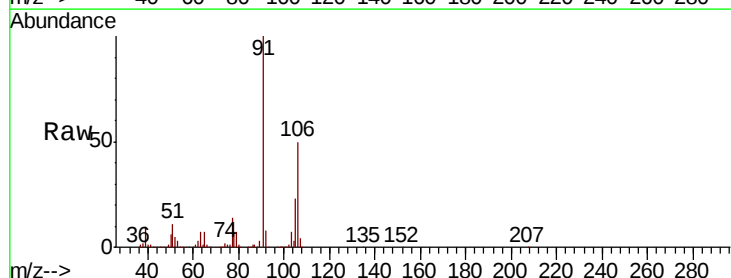
Acq: 27 Feb 2019 12:20

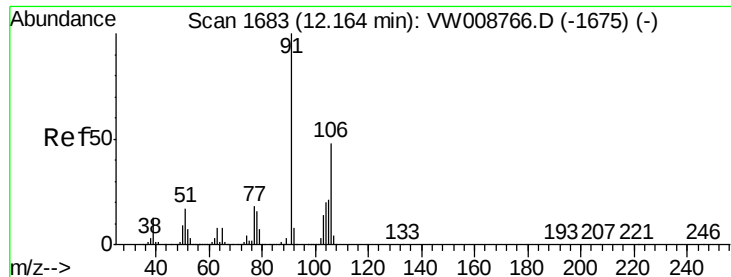
Tgt Ion: 106 Resp: 271922

Ion Ratio Lower Upper

106 100

91 200.4 161.5 242.3





#69

o-Xylene

Concen: 20.187 ug/l

RT: 12.16 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Instrument :

MSVOA_W

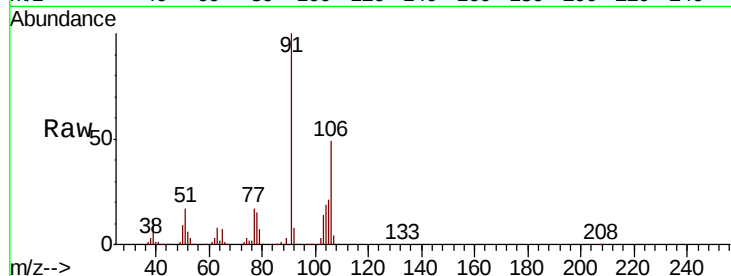
ClientSampleId :

Tot Ion:106 Resp: 127171

Ion Ratio Lower Upper

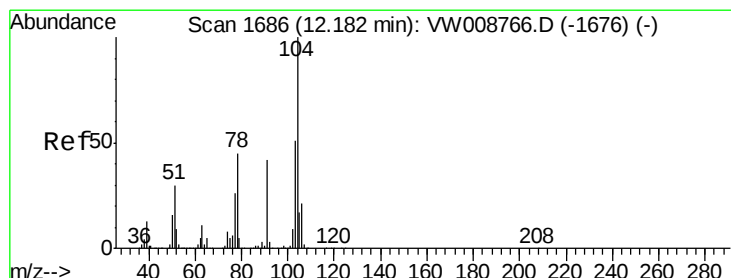
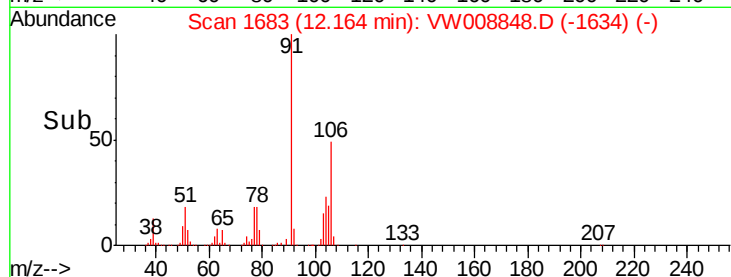
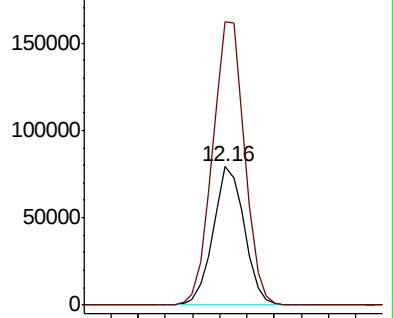
106 100

91 210.0 106.2 318.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#70

Styrene

Concen: 19.565 ug/l

RT: 12.18 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

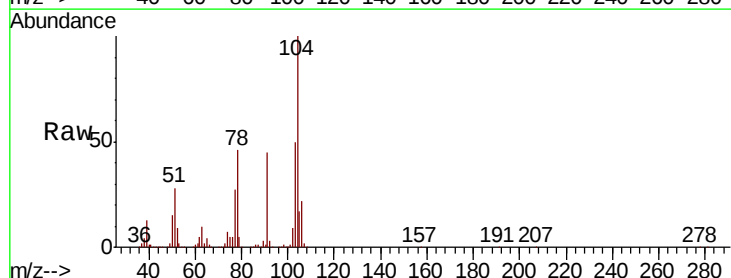
Tgt Ion:104 Resp: 198289

Ion Ratio Lower Upper

104 100

78 51.6 40.8 61.2

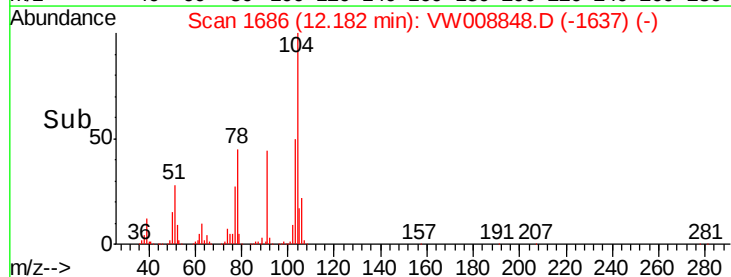
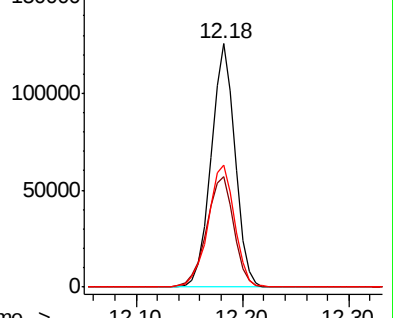
103 55.6 44.2 66.2

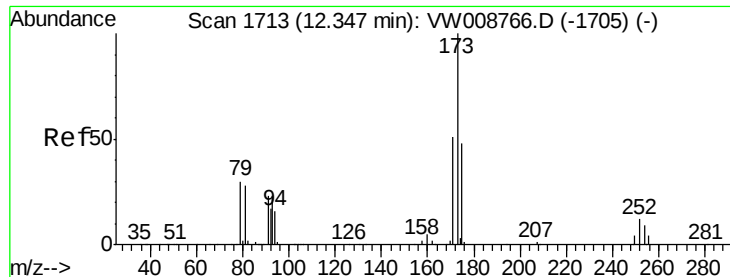


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 16.802 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

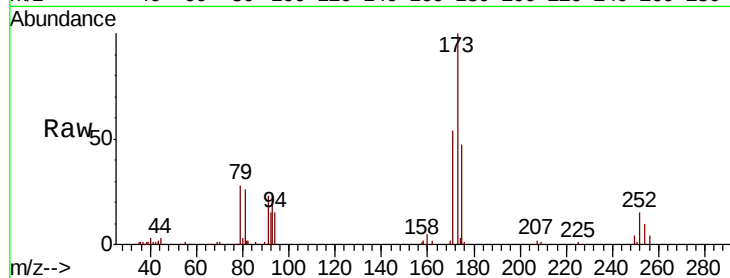
Tot Ion:173 Resp: 28696

Ion Ratio Lower Upper

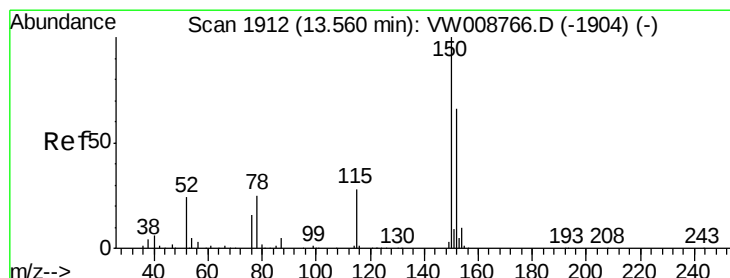
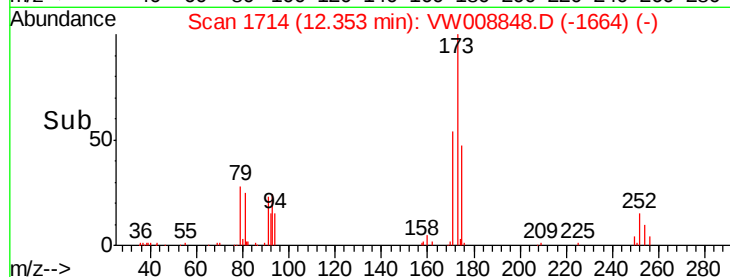
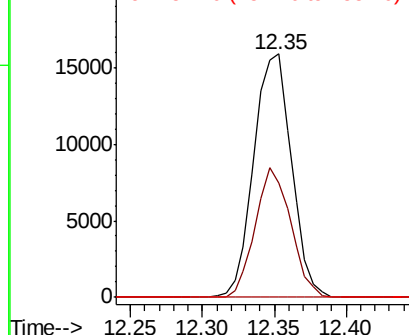
173 100

175 50.3 24.2 72.6

254 0.0 0.2 0.4#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

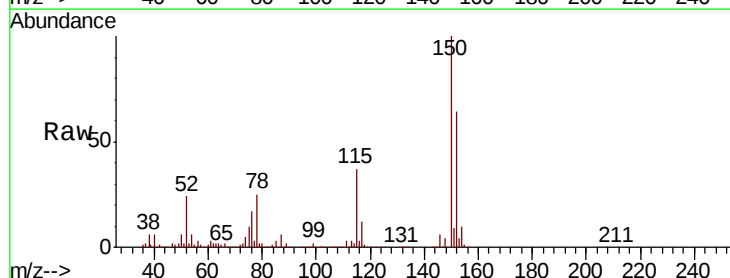
Tgt Ion:152 Resp: 240339

Ion Ratio Lower Upper

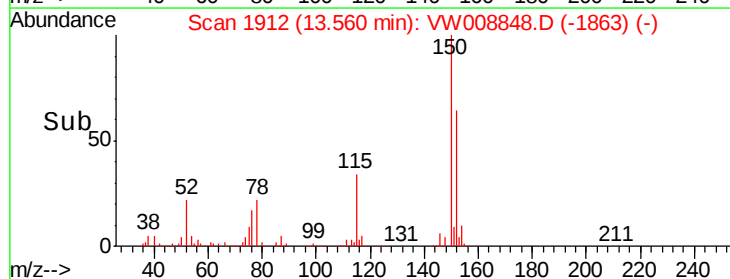
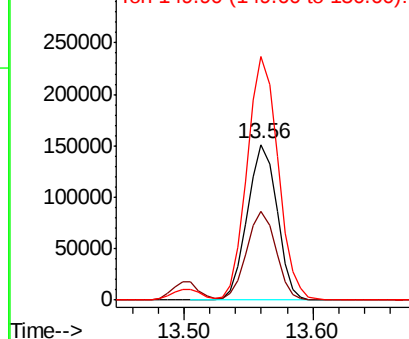
152 100

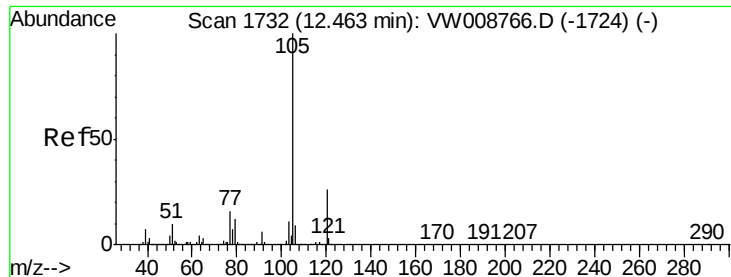
115 56.4 28.6 85.8

150 163.5 0.0 348.0



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





#73

Isopropylbenzene

Concen: 21.223 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Instrument :

MSVOA_W

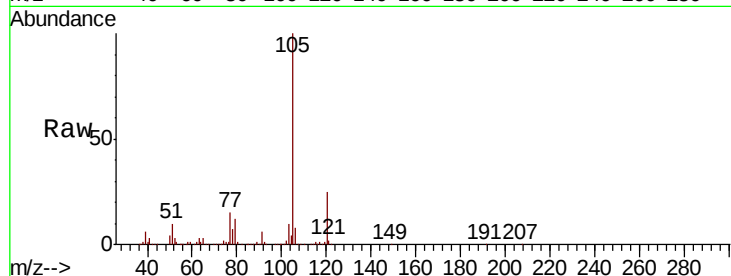
ClientSampleId :

Tot Ion:105 Resp: 349671

Ion Ratio Lower Upper

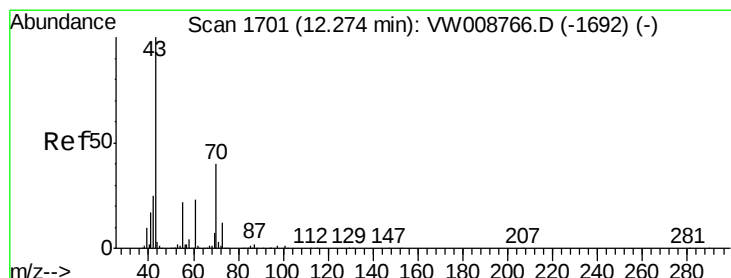
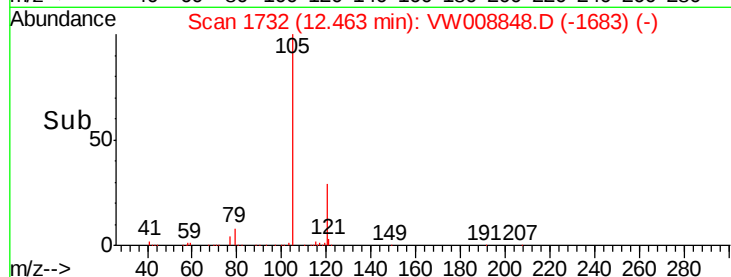
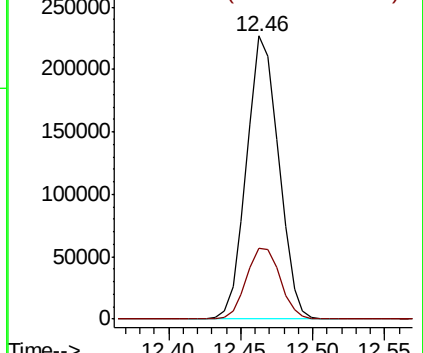
105 100

120 26.4 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.184 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Tgt Ion: 43 Resp: 67167

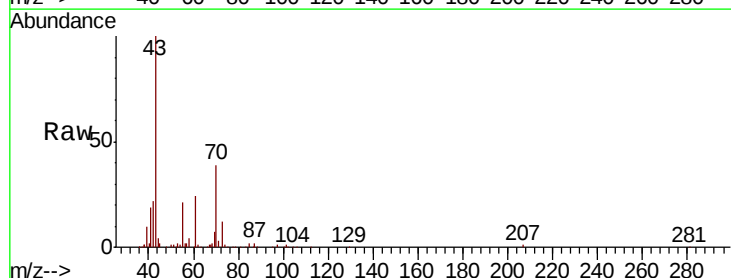
Ion Ratio Lower Upper

43 100

70 39.1 31.0 46.6

55 23.4 18.7 28.1

61 22.0 18.1 27.1

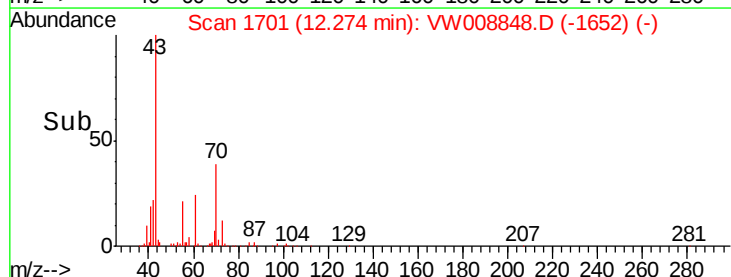
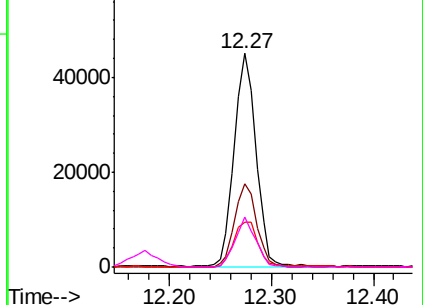


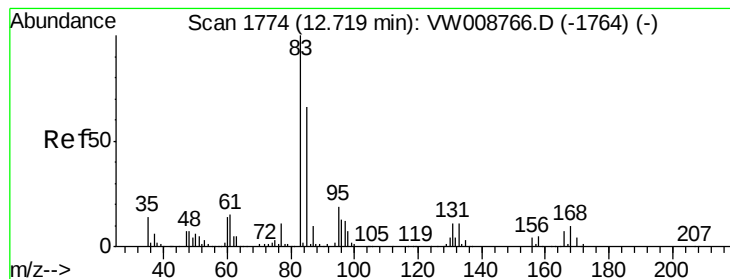
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 17.216 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

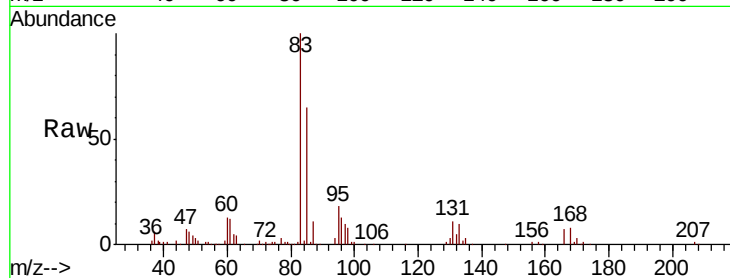
Tot Ion: 83 Resp: 46349

Ion Ratio Lower Upper

83 100

131 11.9 5.5 16.7

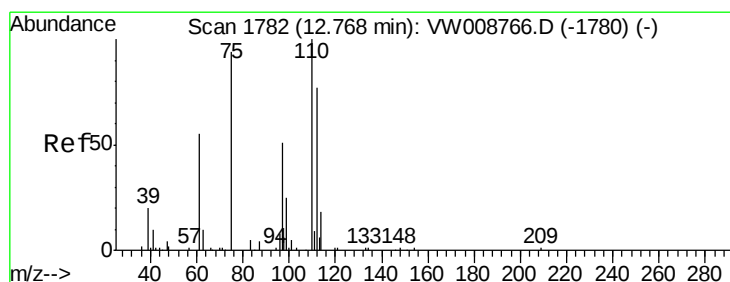
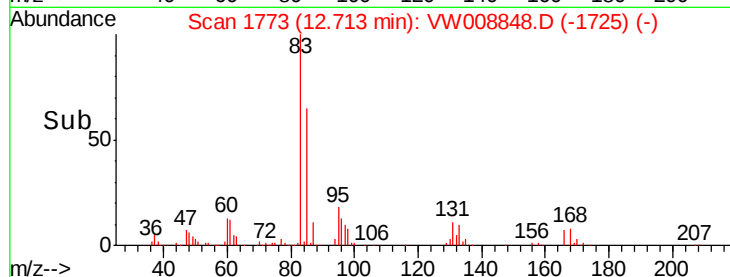
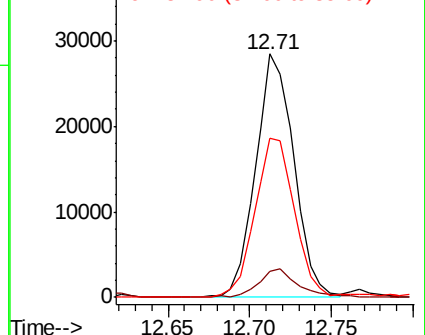
85 67.8 33.0 98.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 32.501 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW008848.D

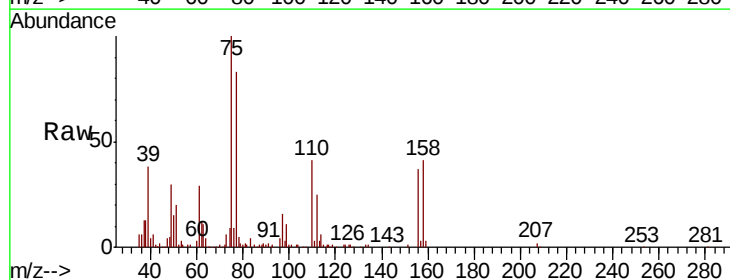
Acq: 27 Feb 2019 12:20

Tgt Ion: 75 Resp: 64493

Ion Ratio Lower Upper

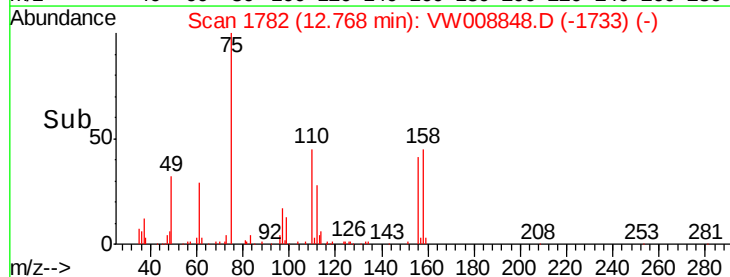
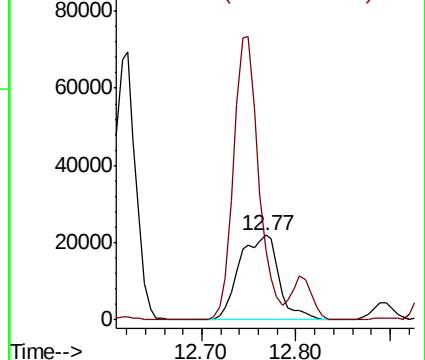
75 100

77 212.4 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: 20.376 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

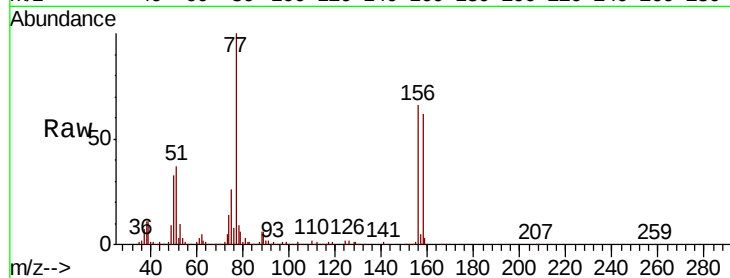
Tot Ion:156 Resp: 79336

Ion Ratio Lower Upper

156 100

77 172.6 89.1 267.4

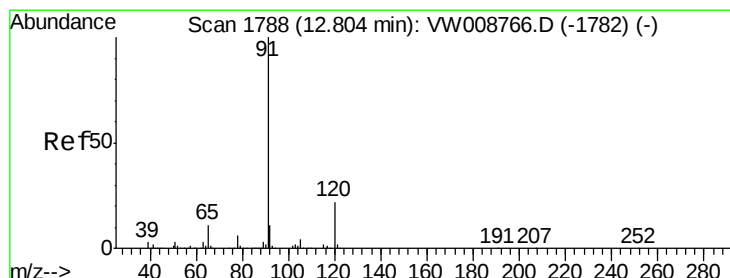
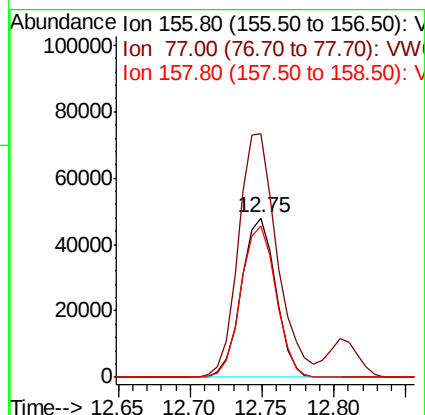
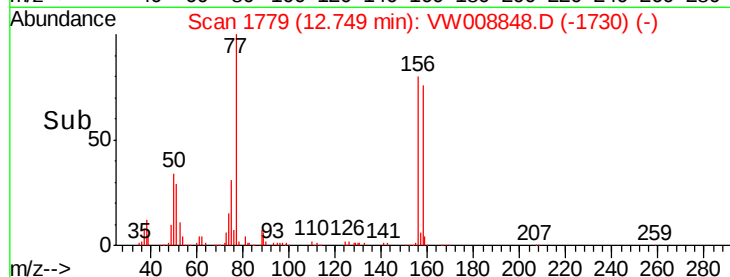
158 97.3 49.2 147.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.976 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW008848.D

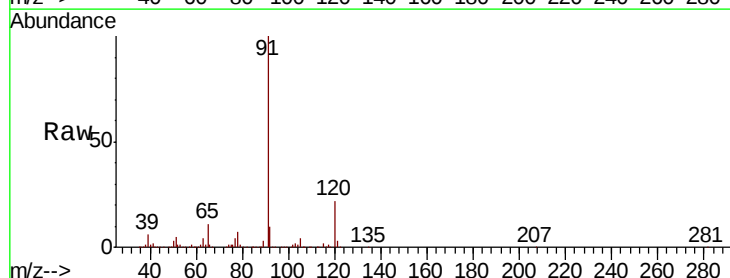
Acq: 27 Feb 2019 12:20

Tgt Ion: 91 Resp: 422754

Ion Ratio Lower Upper

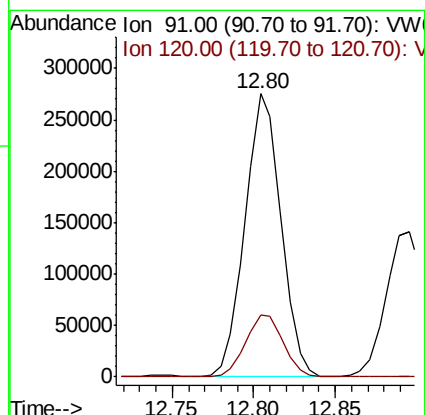
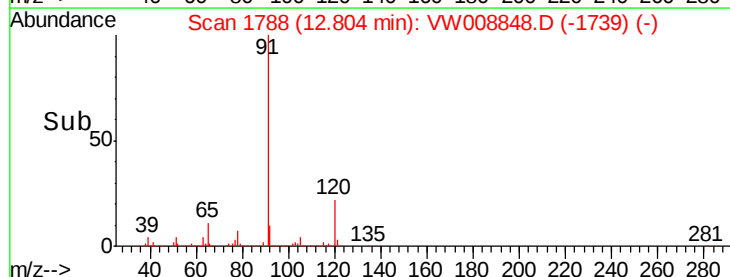
91 100

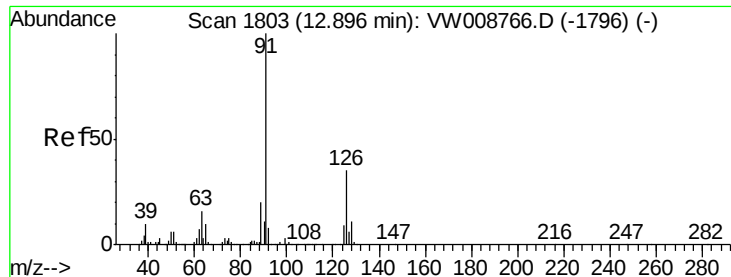
120 23.0 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

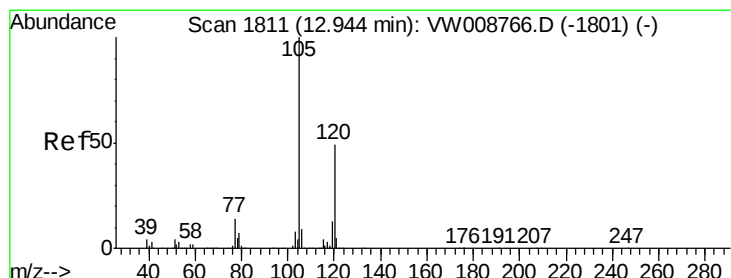
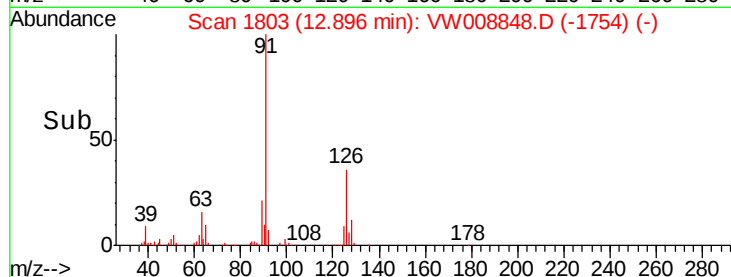
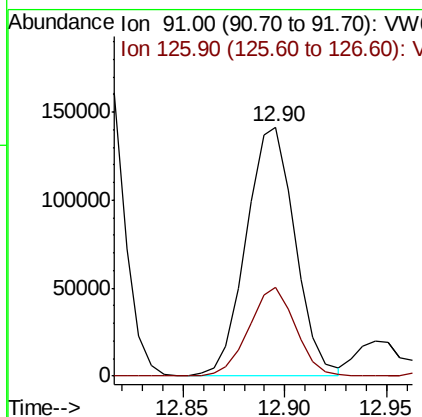
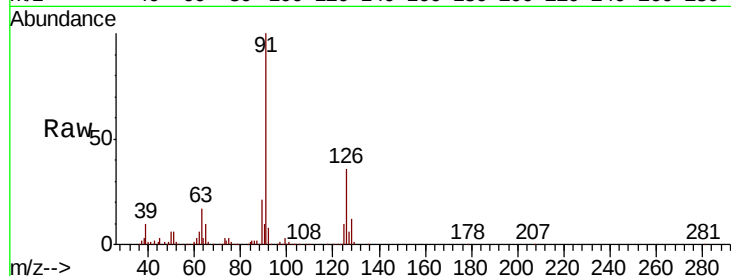




#79
 2-Chlorotoluene
 Concen: 20.553 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

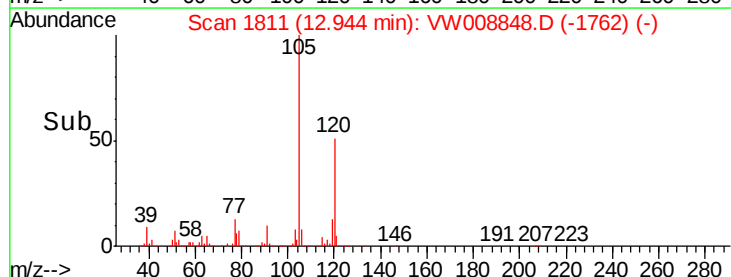
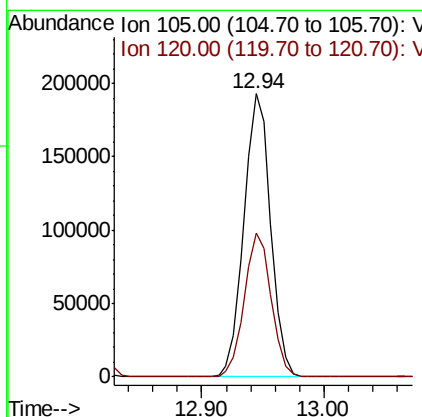
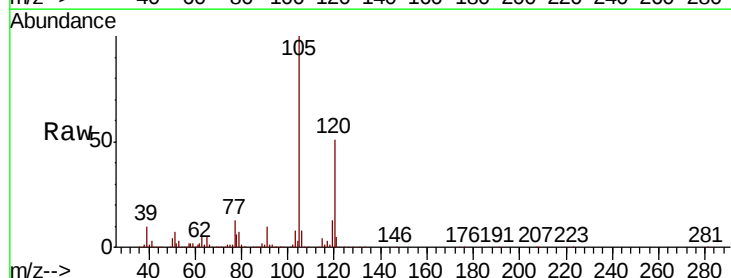
Instrument :
 MSVOA_W
 ClientSampleId :

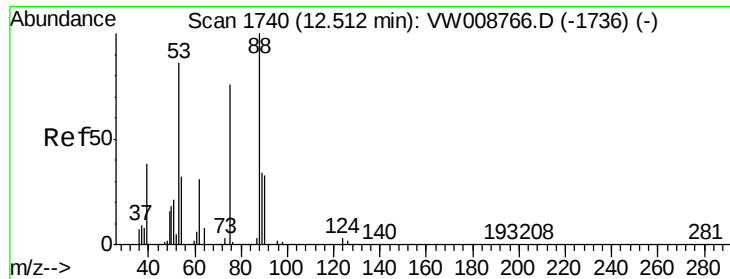
Tot Ion: 91 Resp: 235180
 Ion Ratio Lower Upper
 91 100
 126 34.1 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.390 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

Tgt Ion: 105 Resp: 291945
 Ion Ratio Lower Upper
 105 100
 120 51.0 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 16.129 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

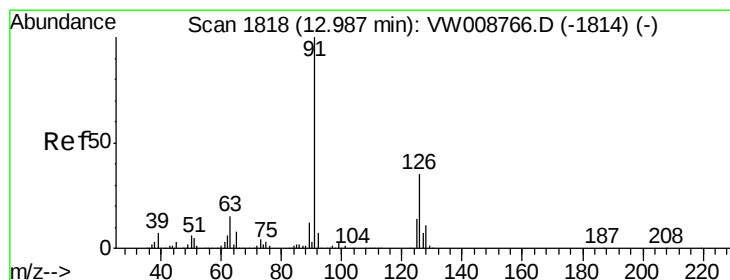
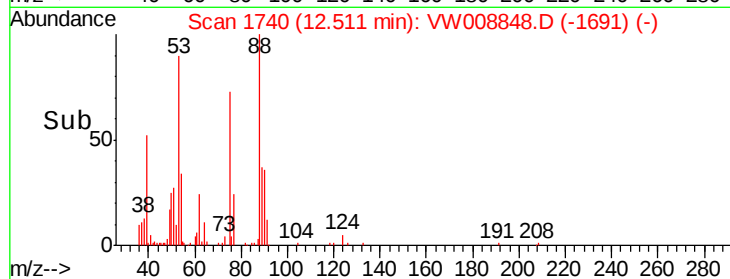
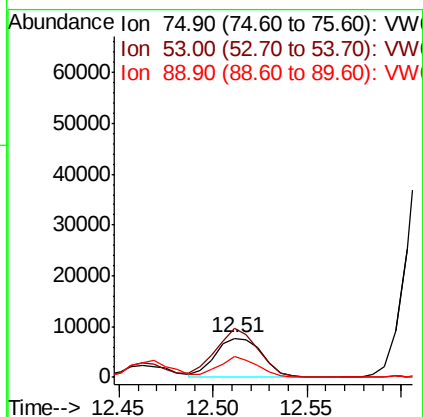
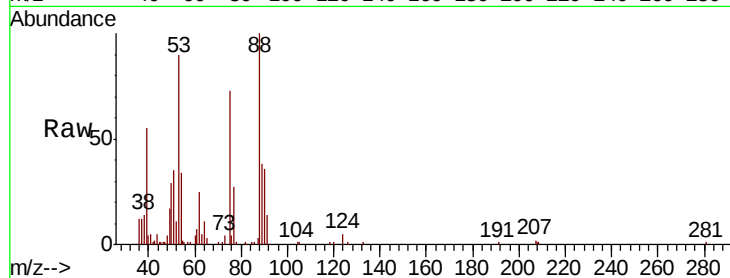
Tot Ion: 75 Resp: 13165

Ion Ratio Lower Upper

75 100

53 117.8 88.2 132.2

89 45.8 39.5 59.3



#82

4-Chlorotoluene

Concen: 20.511 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VW008848.D

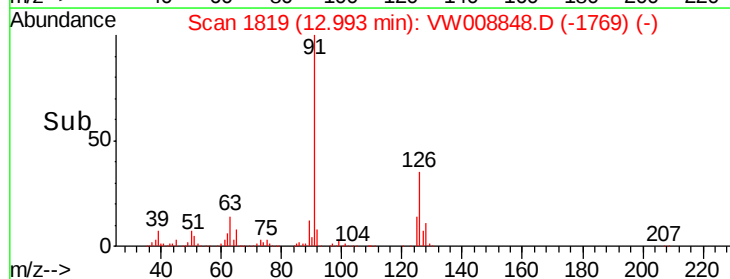
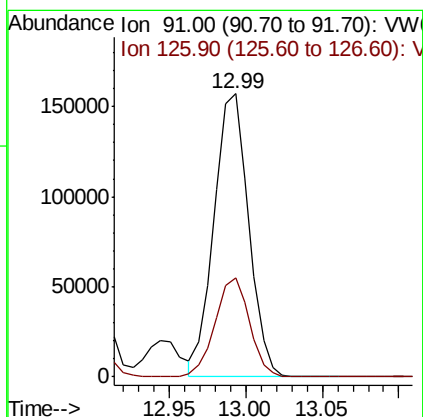
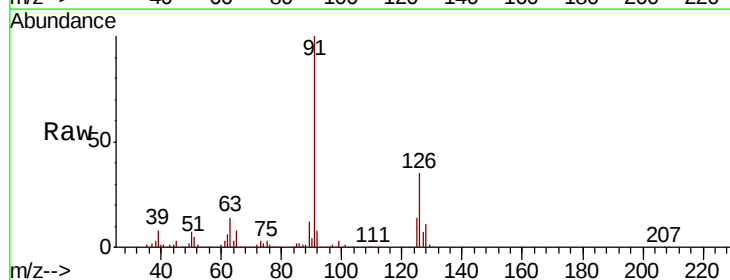
Acq: 27 Feb 2019 12:20

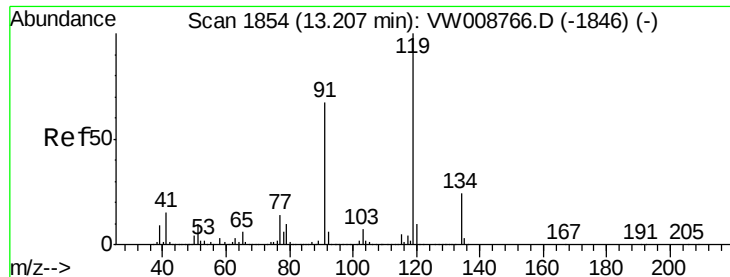
Tgt Ion: 91 Resp: 247330

Ion Ratio Lower Upper

91 100

126 34.9 17.2 51.6





#83

tert-Butylbenzene

Concen: 21.192 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

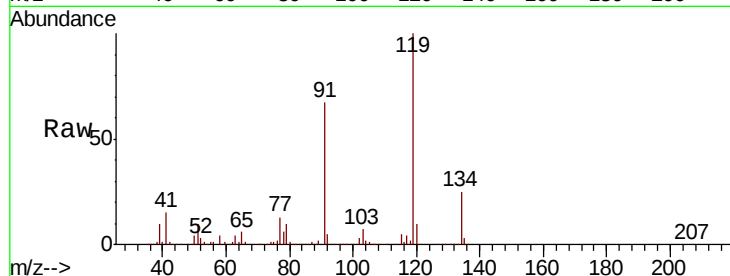
Tot Ion:119 Resp: 262369

Ion Ratio Lower Upper

119 100

91 65.0 33.6 100.8

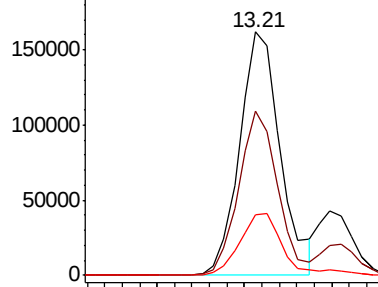
134 27.0 13.7 41.1



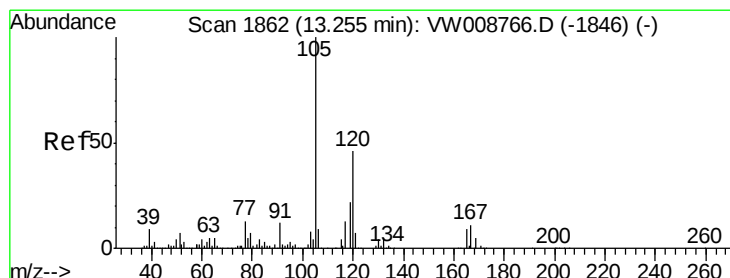
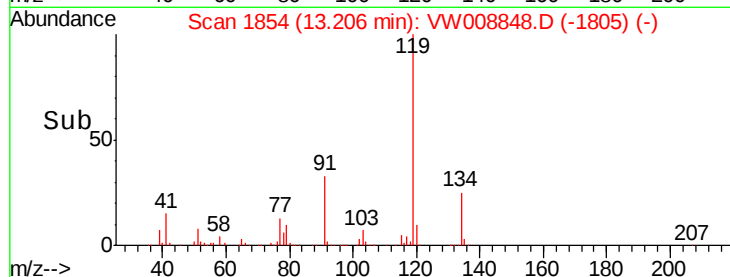
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#84

1,2,4-Trimethylbenzene

Concen: 19.888 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW008848.D

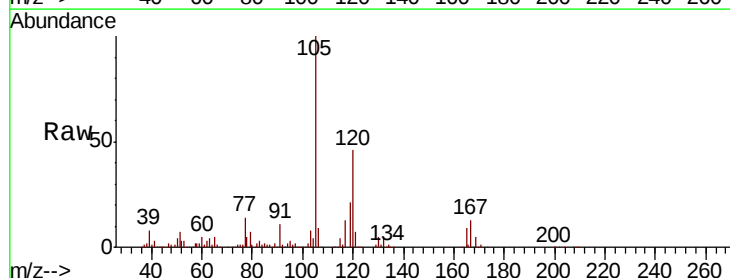
Acq: 27 Feb 2019 12:20

Tgt Ion:105 Resp: 294766

Ion Ratio Lower Upper

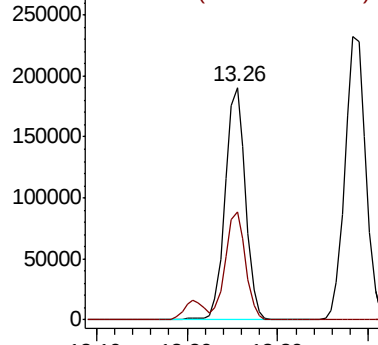
105 100

120 46.1 22.8 68.4

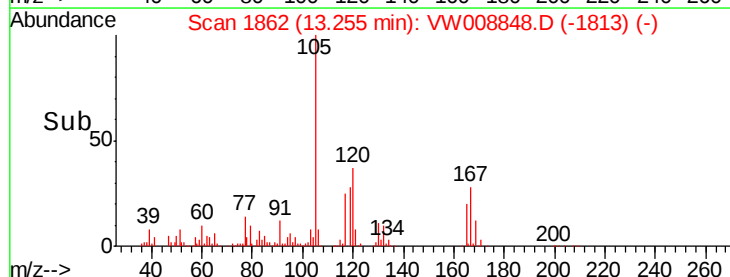


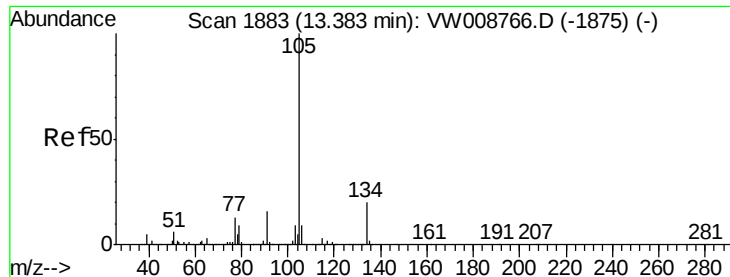
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->

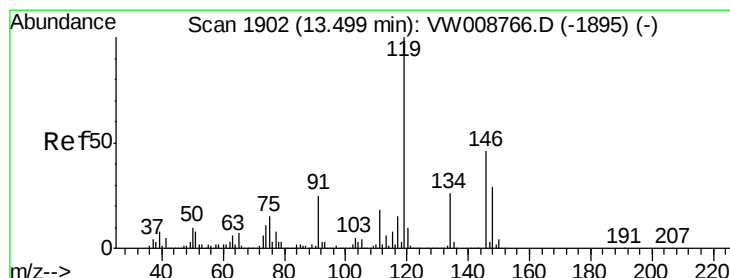
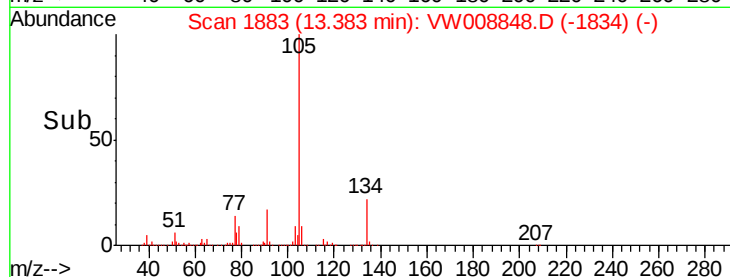
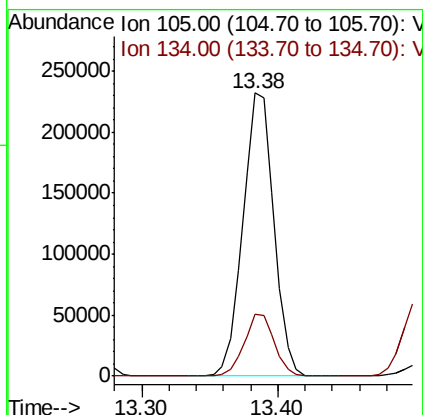
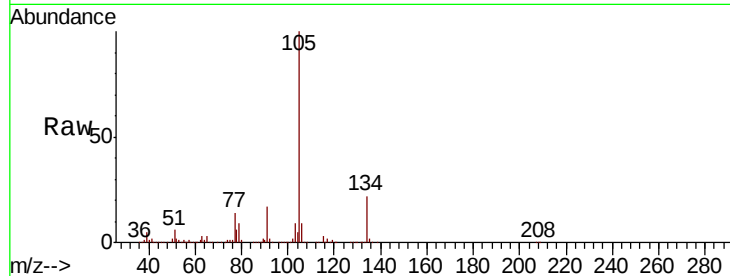




#85
 sec-Butylbenzene
 Concen: 20.679 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

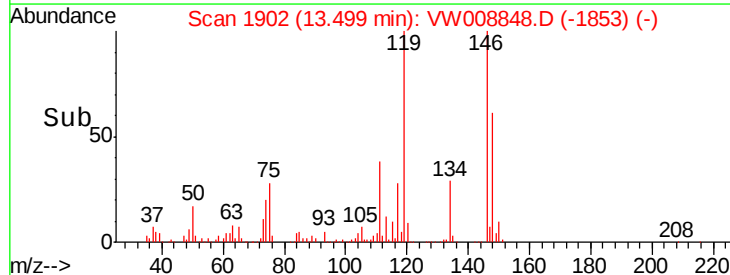
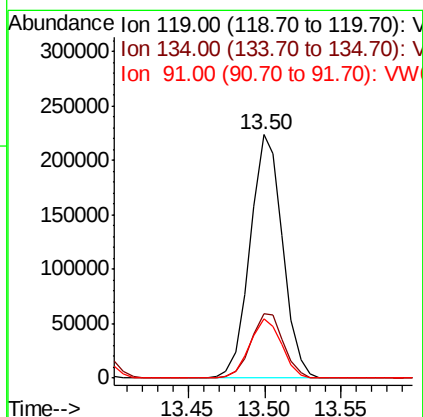
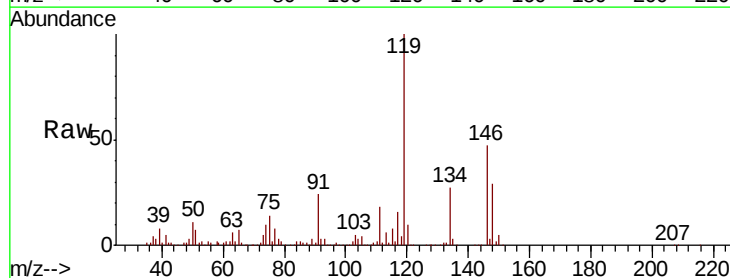
Instrument :
 MSVOA_W
 ClientSampled :

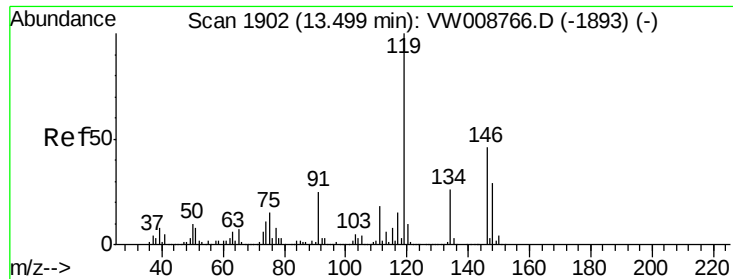
Tot Ion:105 Resp: 368131
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 20.180 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

Tgt Ion:119 Resp: 329324
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.1 39.3
 91 24.3 12.1 36.3

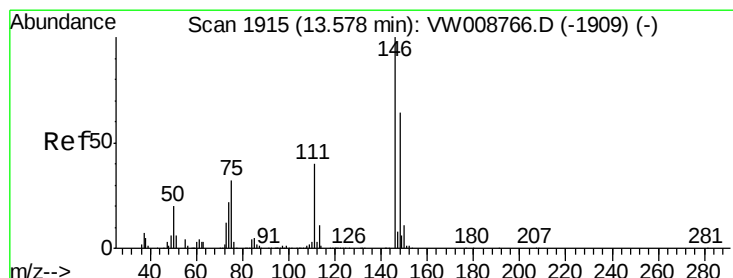
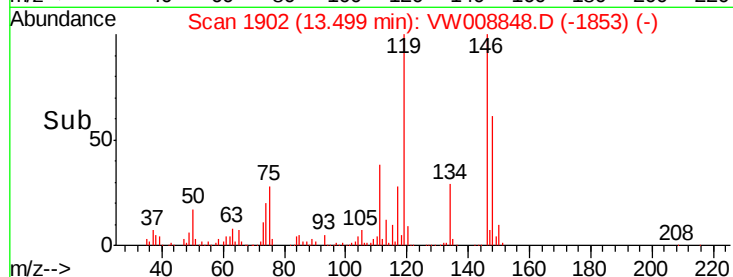
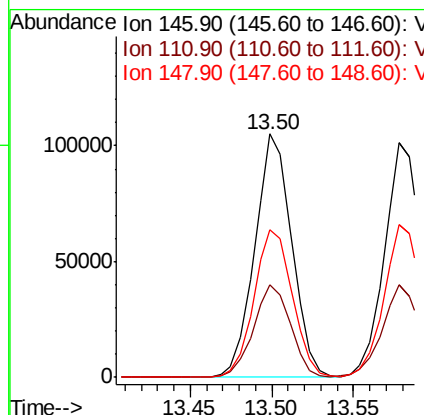
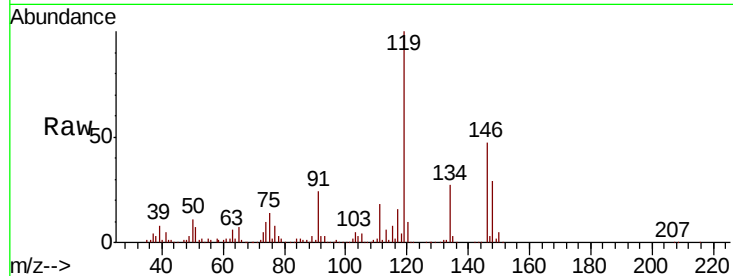




#87
 1,3-Dichlorobenzene
 Concen: 20.567 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

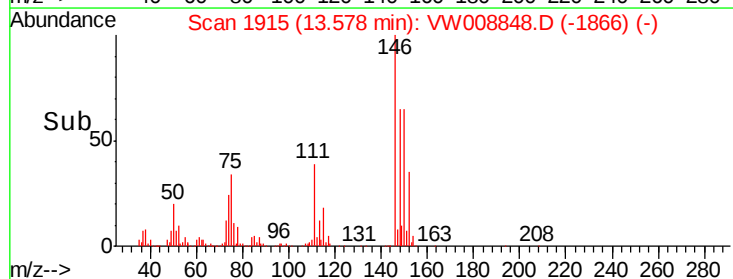
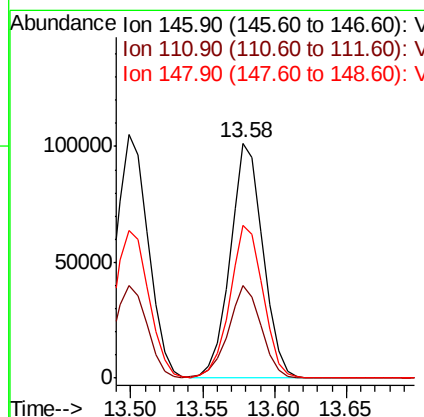
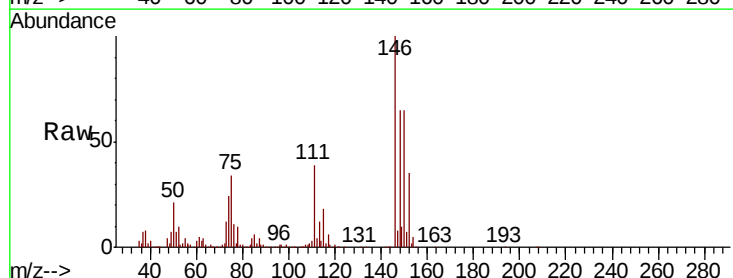
Instrument :
 MSVOA_W
 ClientSampled :

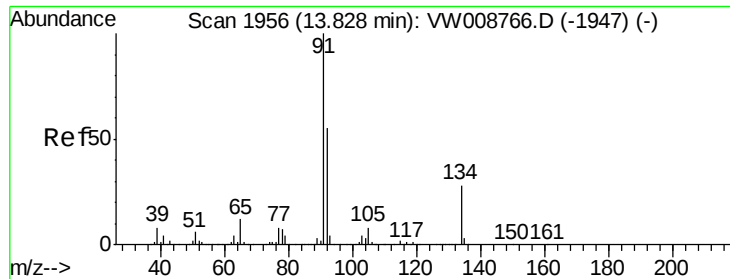
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.9	59.7
148	62.7	31.6	94.8



#88
 1,4-Dichlorobenzene
 Concen: 20.224 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.3	57.9
148	65.7	31.9	95.9





#89

n-Butylbenzene

Concen: 20.364 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Instrument :

MSVOA_W

ClientSampled :

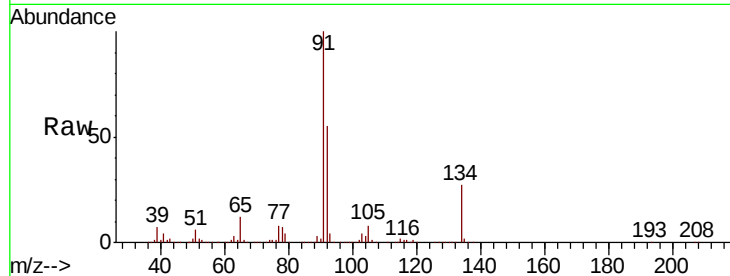
Tot Ion: 91 Resp: 311345

Ion Ratio Lower Upper

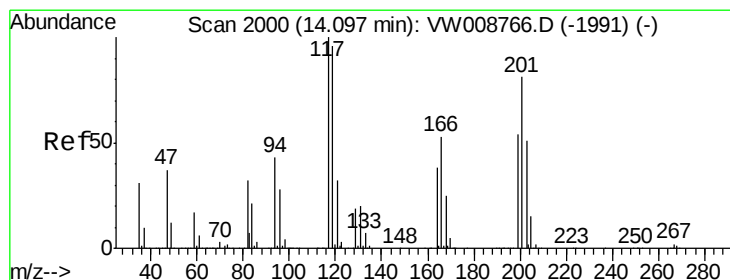
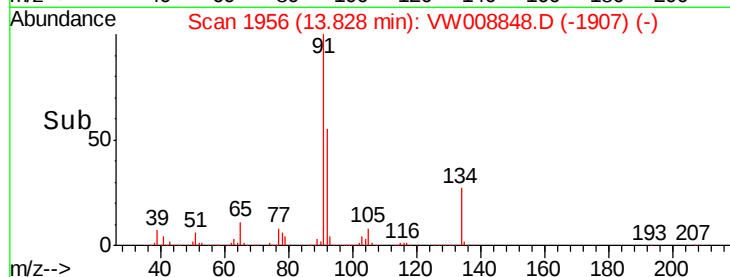
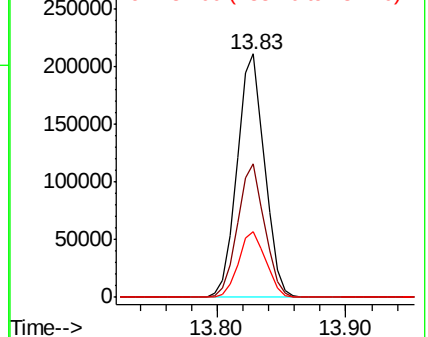
91 100

92 53.8 26.8 80.4

134 26.7 13.5 40.4



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



#90

Hexachloroethane

Concen: 19.901 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW008848.D

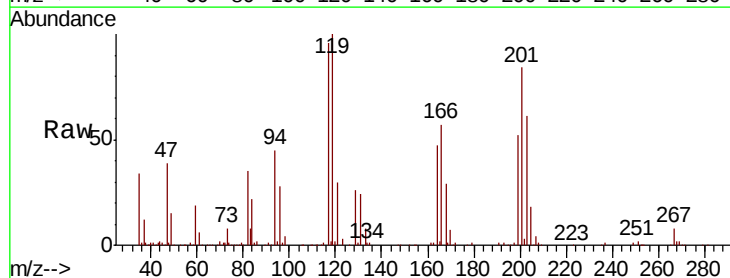
Acq: 27 Feb 2019 12:20

Tgt Ion: 117 Resp: 53166

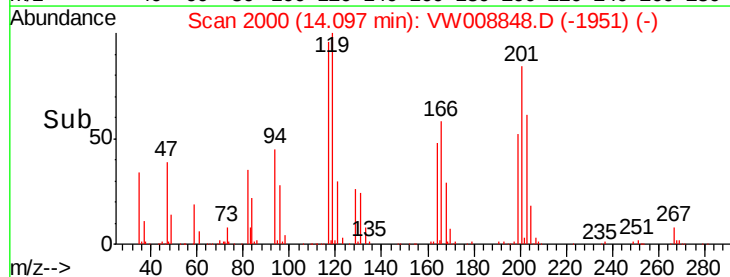
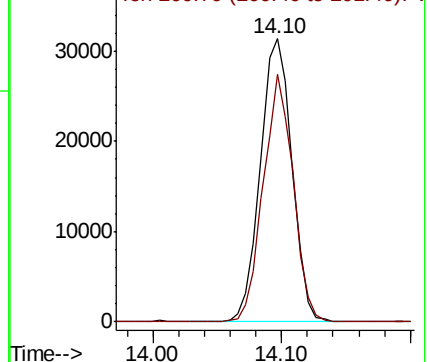
Ion Ratio Lower Upper

117 100

201 82.8 40.3 120.8



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





#91

1,2-Dichlorobenzene

Concen: 19.915 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Instrument :

MSVOA_W

ClientSampled :

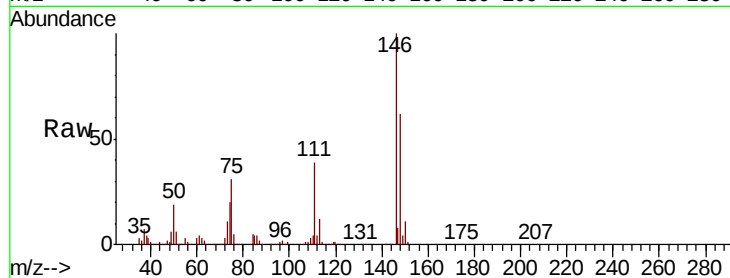
Tot Ion:146 Resp: 143343

Ion Ratio Lower Upper

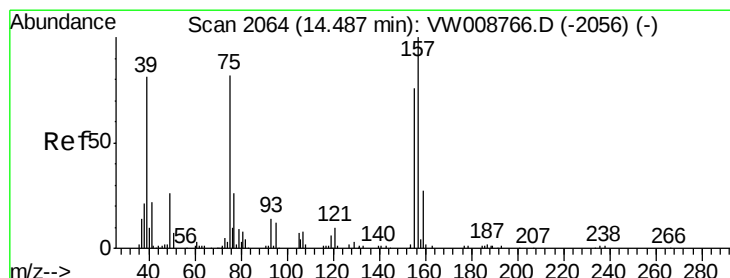
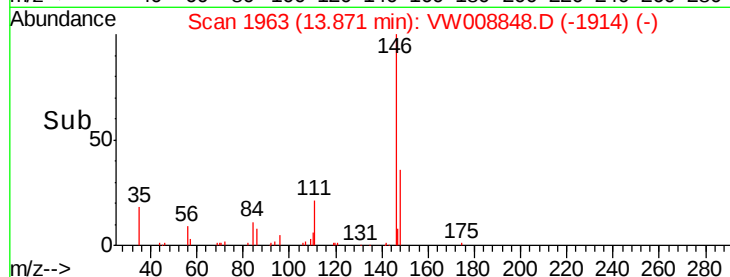
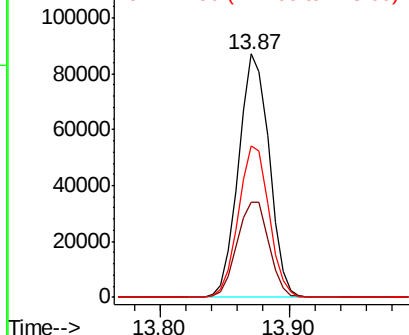
146 100

111 41.0 20.3 60.8

148 62.2 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 15.891 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

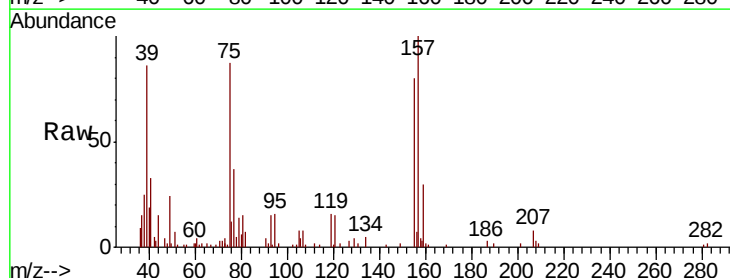
Tgt Ion: 75 Resp: 7739

Ion Ratio Lower Upper

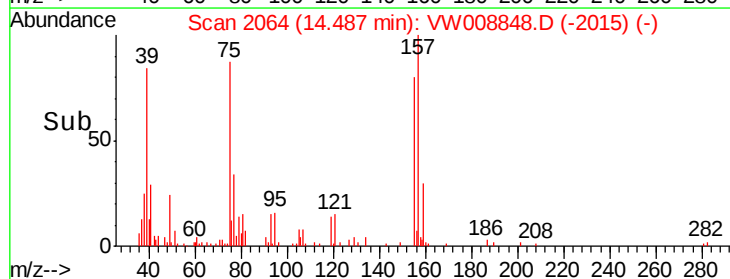
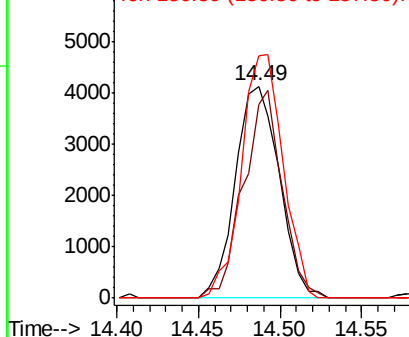
75 100

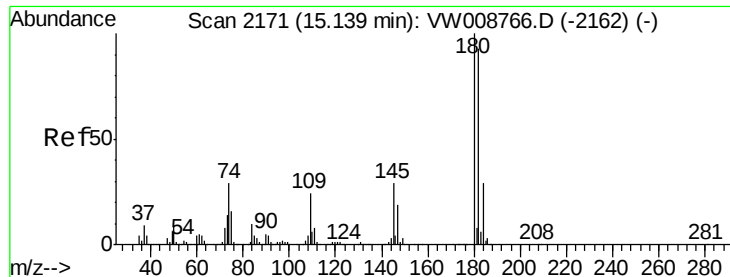
155 86.4 41.8 125.4

157 109.3 56.6 169.9



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

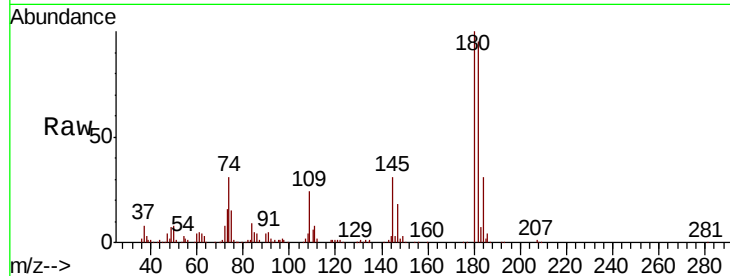




#93
 1,2,4-Trichlorobenzene
 Concen: 19.302 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.2	141.6
145	30.1	14.4	43.0

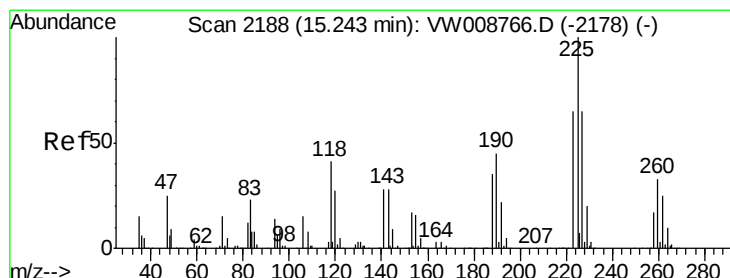
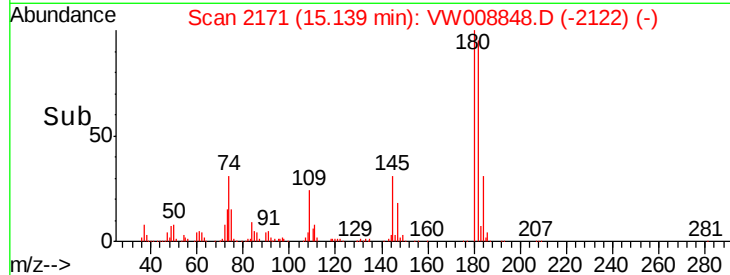
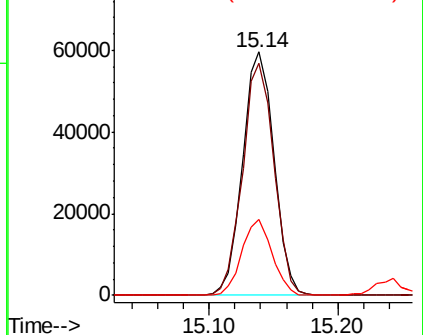


Abundance

Ion 179.80 (179.50 to 180.50): V

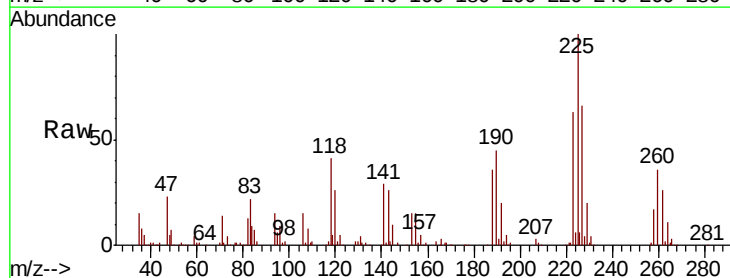
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 21.566 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.5	94.5
227	63.1	31.6	94.8

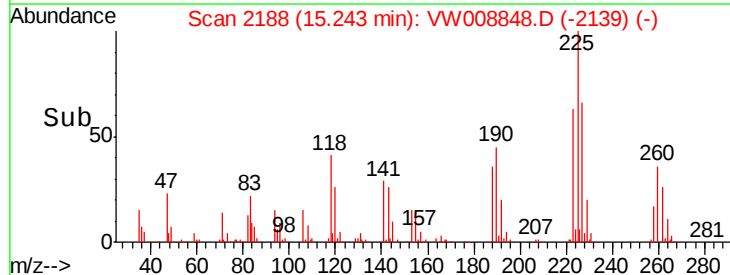
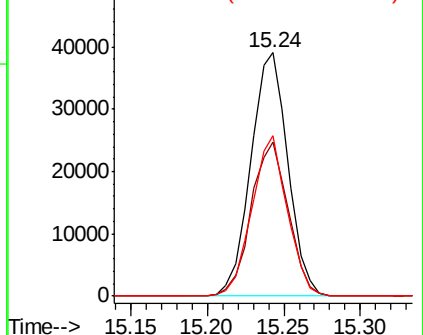


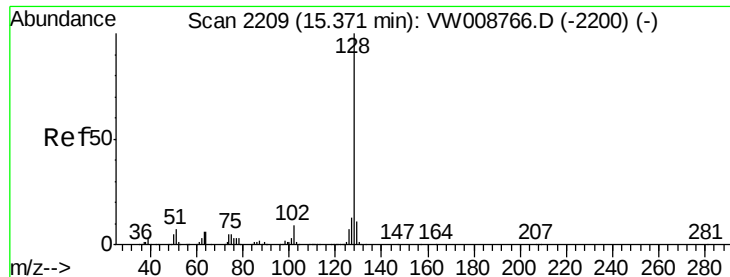
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

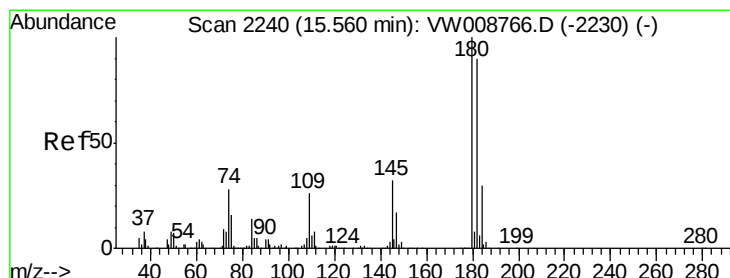
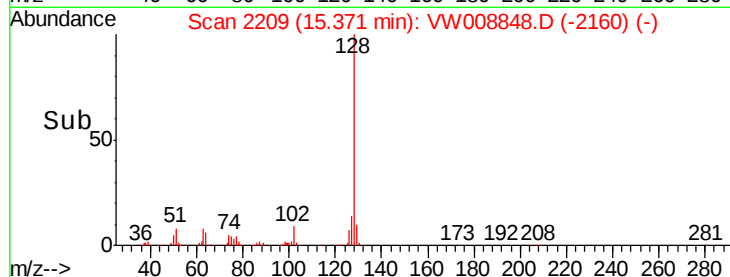
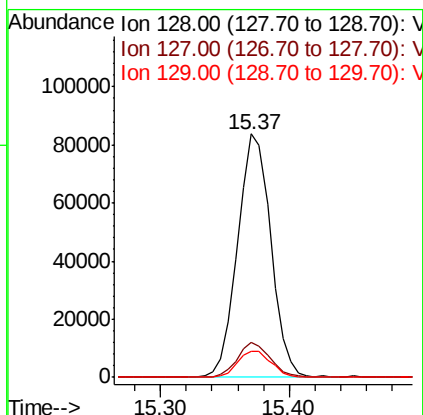
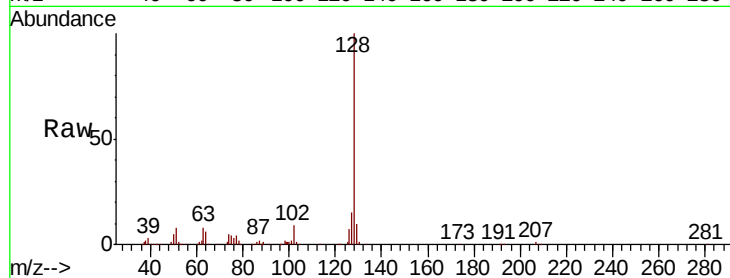




#95
Naphthalene
Concen: 17.002 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.8	16.2
129	10.9	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.884 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.2	46.9	140.8
145	32.6	15.9	47.6

