

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020619\
 Data File : VW008533.D
 Acq On : 06 Feb 2019 17:40
 Operator : SY/VA
 Sample : K1385-03MSD
 Misc : 11.34G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 98-SB-01-2-4MSD

Quant Time: Feb 07 03:25:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	461588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	717633	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	592486	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	228374	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	262257	57.83	ug/l	0.00
Spiked Amount			Recovery	=	115.66%	
35) Dibromofluoromethane	7.88	113	215970	51.47	ug/l	0.00
Spiked Amount			Recovery	=	102.94%	
50) Toluene-d8	10.32	98	830415	49.35	ug/l	0.00
Spiked Amount			Recovery	=	98.70%	
62) 4-Bromofluorobenzene	12.62	95	257552	39.82	ug/l	0.00
Spiked Amount			Recovery	=	79.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	120149	45.365	ug/l	99
3) Chloromethane	2.21	50	185539	49.243	ug/l	99
4) Vinyl Chloride	2.36	62	241199	50.288	ug/l	98
5) Bromomethane	2.77	94	196843	63.628	ug/l	100
6) Chloroethane	2.92	64	192942	65.776	ug/l	98
7) Trichlorofluoromethane	3.25	101	196268	47.326	ug/l	92
8) Diethyl Ether	3.67	74	146131	63.482	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.04	101	208269	49.887	ug/l	97
10) Methyl Iodide	4.26	142	342738	51.975	ug/l	99
11) Tert butyl alcohol	5.18	59	130343	357.013	ug/l #	82
12) 1,1-Dichloroethene	4.03	96	209168	49.507	ug/l	99
13) Acrolein	3.88	56	37485	118.608	ug/l	99
14) Allyl chloride	4.65	41	381104	47.502	ug/l	99
15) Acrylonitrile	5.36	53	350530	352.648	ug/l	99
16) Acetone	4.12	43	407353	400.022	ug/l	99
17) Carbon Disulfide	4.37	76	512058	37.947	ug/l	99
18) Methyl Acetate	4.67	43	548476	201.936	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	460581	65.887	ug/l	98
20) Methylene Chloride	4.90	84	278922	59.427	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	226660	47.718	ug/l	95
22) Diisopropyl ether	6.31	45	815513	53.634	ug/l	98
23) Vinyl Acetate	6.31	43	446680	49.751	ug/l #	73
24) 1,1-Dichloroethane	6.21	63	459708	53.412	ug/l	98
25) 2-Butanone	7.17	43	509719	360.369	ug/l	99
26) 2,2-Dichloropropane	7.17	77	271235	46.622	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	267394	51.654	ug/l	98
28) Bromochloromethane	7.51	49	224258	56.729	ug/l	96
29) Tetrahydrofuran	7.52	42	329717	367.852	ug/l	97
30) Chloroform	7.67	83	468437	55.334	ug/l	99
31) Cyclohexane	7.95	56	326842	36.726	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	373932	51.140	ug/l	99
36) 1,1-Dichloropropene	8.08	75	319325	47.106	ug/l	99
37) Ethyl Acetate	7.25	43	91663	30.563	ug/l	99
38) Carbon Tetrachloride	8.06	117	347303	50.913	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	280053	31.448	ug/l	97
40) Benzene	8.32	78	991946	52.734	ug/l	97
41) Methacrylonitrile	7.48	41	117824	66.348	ug/l	92
42) 1,2-Dichloroethane	8.40	62	328550	60.271	ug/l	100
43) Isopropyl Acetate	8.42	43	254113	40.783	ug/l	92
44) Trichloroethene	9.09	130	347749	67.984	ug/l	99
45) 1,2-Dichloropropane	9.37	63	258899	55.200	ug/l	96
46) Dibromomethane	9.46	93	146613	60.777	ug/l	96
47) Bromodichloromethane	9.64	83	362344	56.788	ug/l	100
48) Methyl methacrylate	9.43	41	245307	80.517	ug/l	97
49) 1,4-Dioxane	9.45	88	55162	1352.817	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	1106568	359.483	ug/l	100
52) Toluene	10.38	92	601235	48.420	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	347114	51.125	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	396731	51.490	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	209789	62.698	ug/l	97
56) Ethyl methacrylate	10.65	69	195106	41.614	ug/l	98
57) 1,3-Dichloropropane	10.93	76	366056	61.066	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	751465	329.878	ug/l	97
59) 2-Hexanone	10.97	43	755505	347.663	ug/l	99
60) Dibromochloromethane	11.13	129	257850	59.966	ug/l	98
61) 1,2-Dibromoethane	11.24	107	195798	59.016	ug/l	96
64) Tetrachloroethene	10.86	164	363467	90.606	ug/l	99
65) Chlorobenzene	11.66	112	614194	50.782	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	255623	59.073	ug/l	98
67) Ethyl Benzene	11.73	91	1078149	48.495	ug/l	99
68) m/p-Xylenes	11.84	106	811505	94.077	ug/l	97
69) o-Xylene	12.16	106	410153	50.043	ug/l	98
70) Styrene	12.18	104	624448	46.125	ug/l	98
71) Bromoform	12.35	173	159279	65.420	ug/l #	100
73) Isopropylbenzene	12.46	105	1000618	58.771	ug/l	100
74) N-amyl acetate	12.27	43	135792	30.960	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	145450	53.960	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	178954m	90.128	ug/l	
77) Bromobenzene	12.75	156	241565	64.967	ug/l	99
78) n-propylbenzene	12.80	91	1047785	51.239	ug/l	99
79) 2-Chlorotoluene	12.89	91	649210	56.261	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	779315	54.763	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	77430	77.022	ug/l	95
82) 4-Chlorotoluene	12.99	91	620592	50.514	ug/l	97
83) tert-Butylbenzene	13.21	119	658173	51.973	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	782884	54.125	ug/l	100
85) sec-Butylbenzene	13.38	105	799909	44.230	ug/l	100
86) p-Isopropyltoluene	13.50	119	726438	45.856	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	373289	49.710	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	376210	50.411	ug/l	99
89) n-Butylbenzene	13.83	91	520936	33.491	ug/l	98
90) Hexachloroethane	14.10	117	144015	46.486	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	374077	56.299	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	46900	91.701	ug/l	97

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Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
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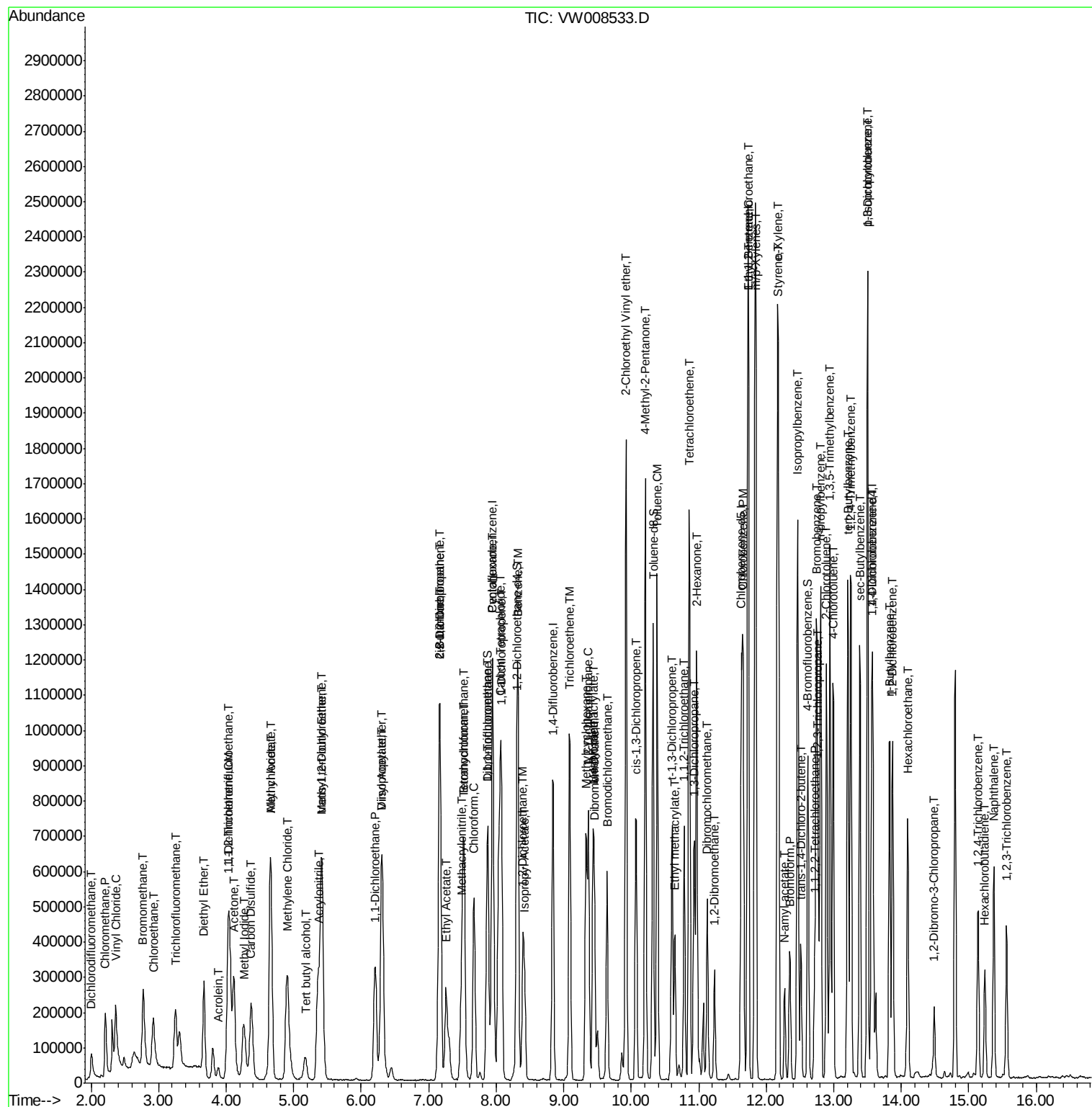
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	151202	31.889	ug/l	99
94) Hexachlorobutadiene	15.24	225	54557	19.092	ug/l	98
95) Naphthalene	15.37	128	510691	61.341	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	143640	35.712	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008533.D

Acq: 06 Feb 2019 17:40

Instrument :

MSVOA_W

ClientSampleId :

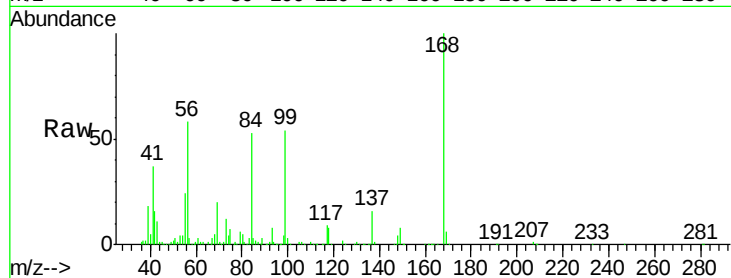
98-SB-01-2-4MSD

Tot Ion:168 Resp: 461588

Ion Ratio Lower Upper

168 100

99 53.5 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

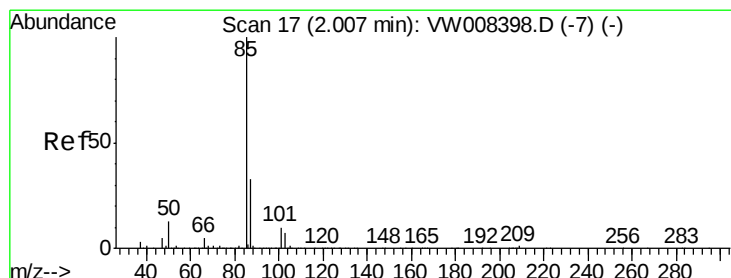
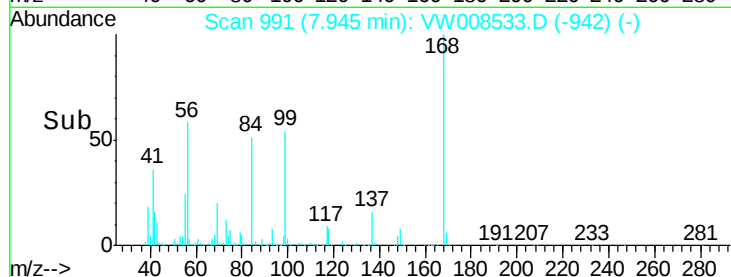
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 45.365 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW008533.D

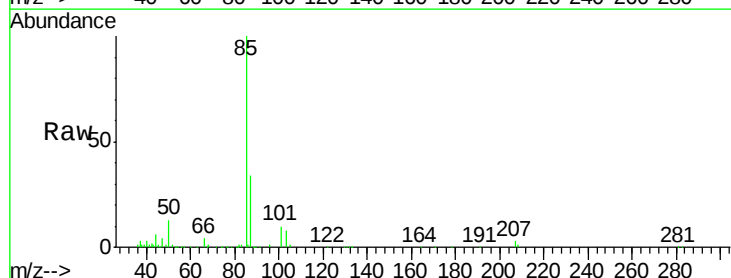
Acq: 06 Feb 2019 17:40

Tgt Ion: 85 Resp: 120149

Ion Ratio Lower Upper

85 100

87 33.9 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

40000

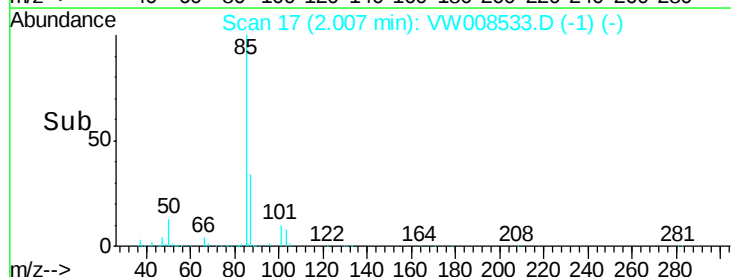
30000

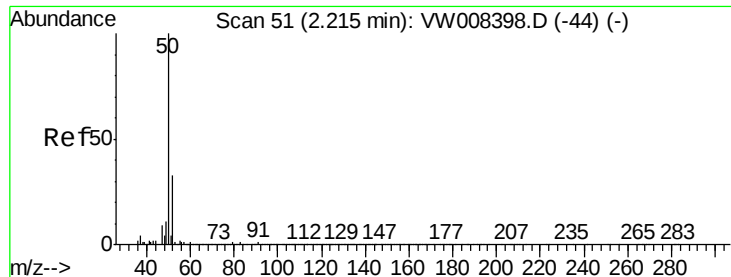
20000

10000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 49.243 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW008533.D

Acq: 06 Feb 2019 17:40

Instrument :

MSVOA_W

ClientSampleId :

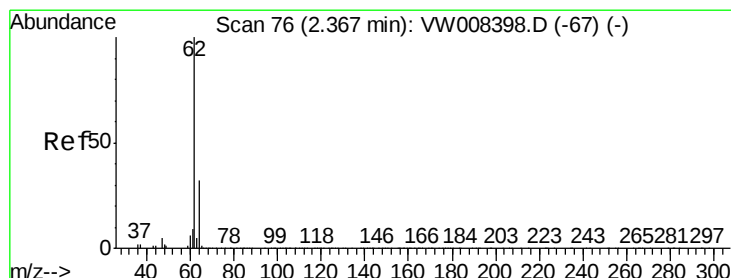
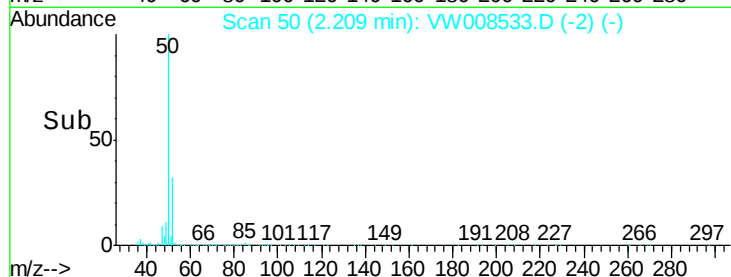
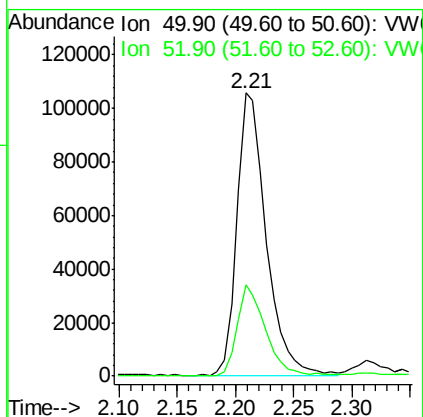
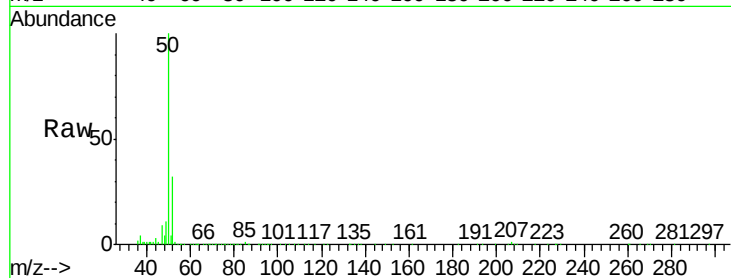
98-SB-01-2-4MSD

Tot Ion: 50 Resp: 185539

Ion Ratio Lower Upper

50 100

52 32.1 26.3 39.5



#4

Vinyl Chloride

Concen: 50.288 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW008533.D

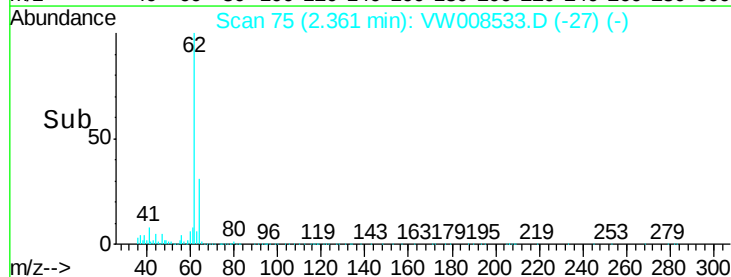
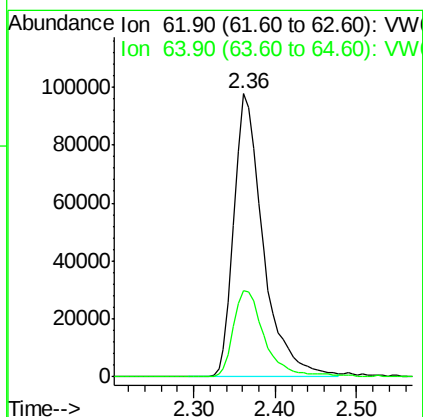
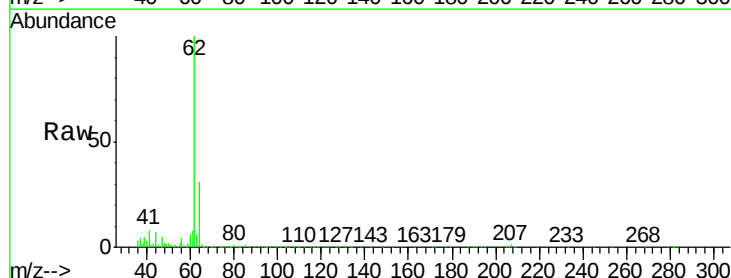
Acq: 06 Feb 2019 17:40

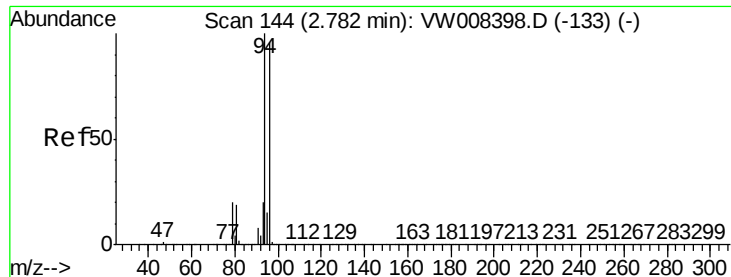
Tgt Ion: 62 Resp: 241199

Ion Ratio Lower Upper

62 100

64 30.6 25.5 38.3





#5

Bromomethane

Concen: 63.628 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW008533.D

Acq: 06 Feb 2019 17:40

Instrument :

MSVOA_W

ClientSampleId :

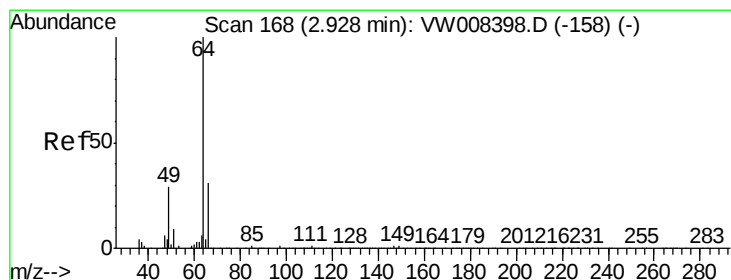
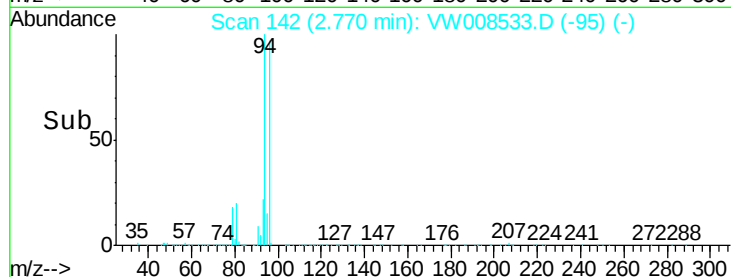
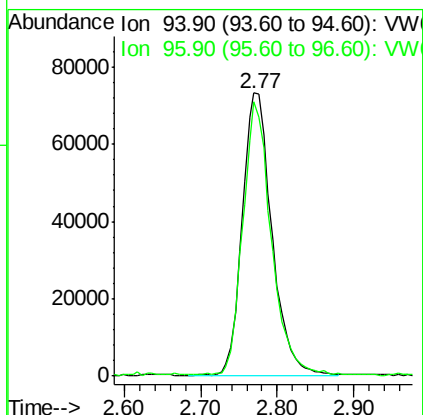
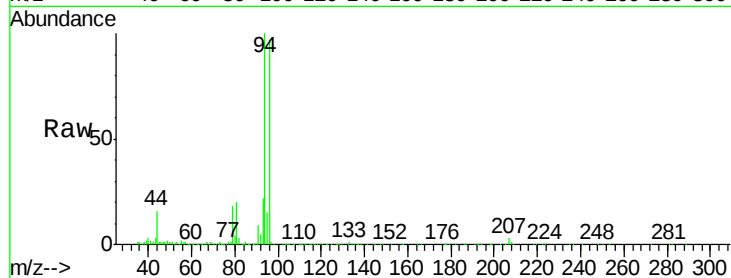
98-SB-01-2-4MSD

Tot Ion: 94 Resp: 196843

Ion Ratio Lower Upper

94 100

96 96.8 77.2 115.8



#6

Chloroethane

Concen: 65.776 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008533.D

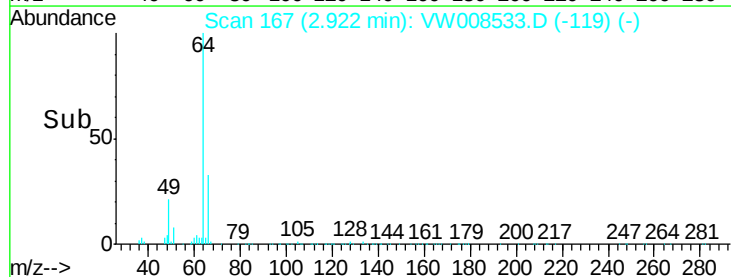
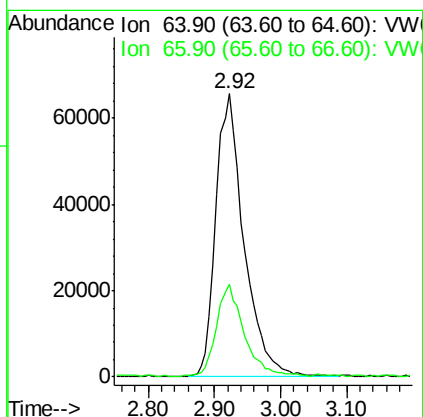
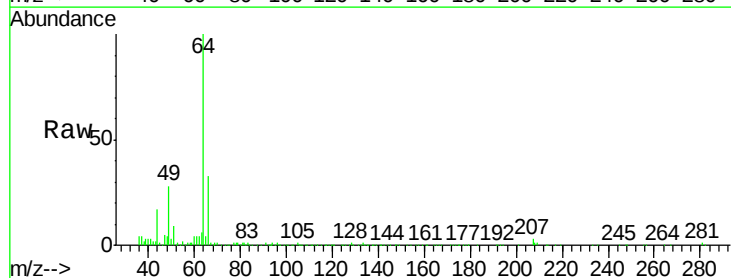
Acq: 06 Feb 2019 17:40

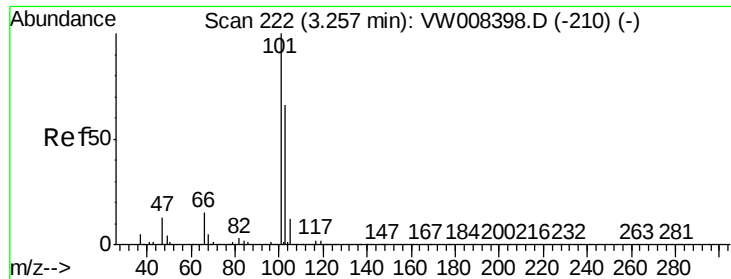
Tgt Ion: 64 Resp: 192942

Ion Ratio Lower Upper

64 100

66 32.4 24.9 37.3



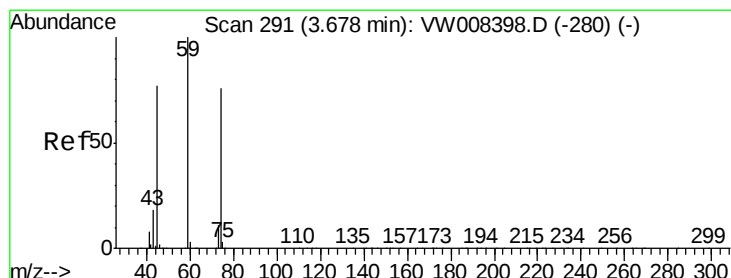
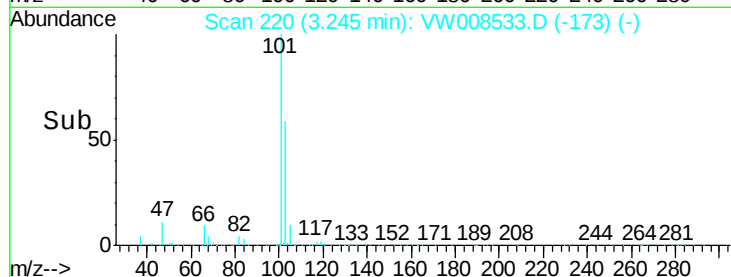
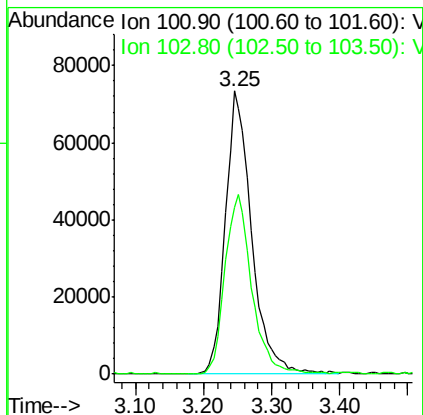
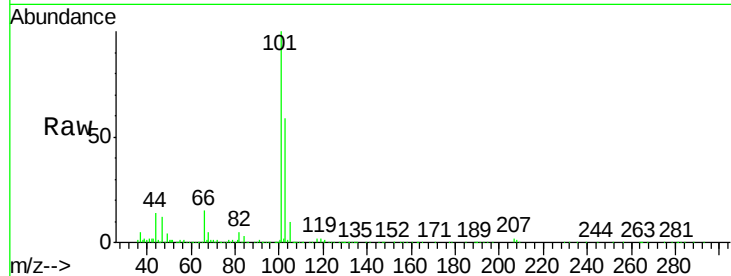


#7

Trichlorofluoromethane
Concen: 47.326 ug/l
RT: 3.25 min Scan# 220
Delta R.T. -0.01 min
Lab File: VW008533.D
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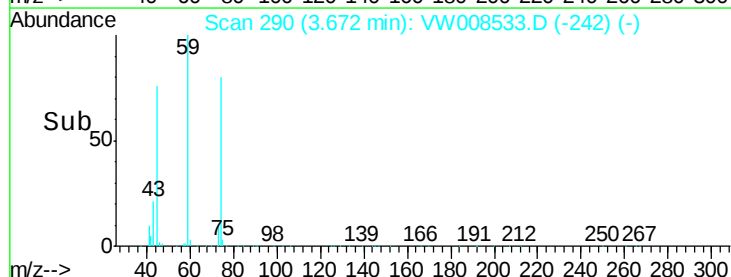
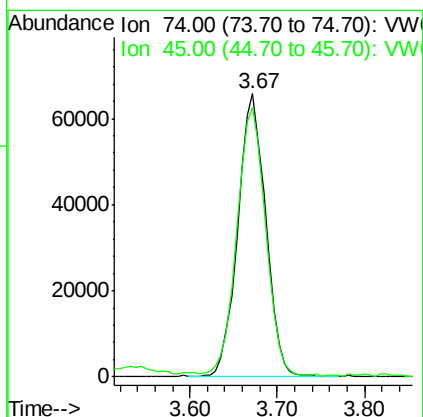
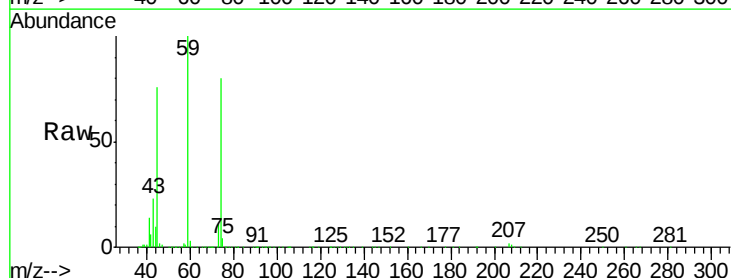
Tot Ion:101 Resp: 196268
Ion Ratio Lower Upper
101 100
103 58.9 52.5 78.7



#8

Diethyl Ether
Concen: 63.482 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW008533.D
Acq: 06 Feb 2019 17:40

Tgt Ion: 74 Resp: 146131
Ion Ratio Lower Upper
74 100
45 96.6 51.7 155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.887 ug/l

RT: 4.04 min Scan# 351

Delta R.T. -0.02 min

Lab File: VW008533.D

Acq: 06 Feb 2019 17:40

Instrument :

MSVOA_W

ClientSampleId :

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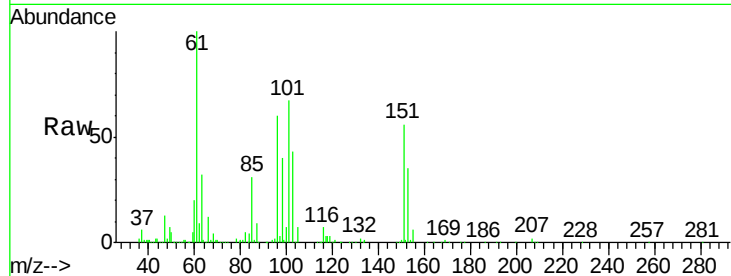
Tot Ion:101 Resp: 208269

Ion Ratio Lower Upper

101 100

85 44.8 35.0 52.4

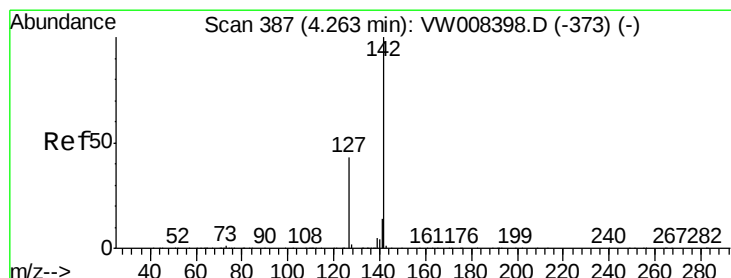
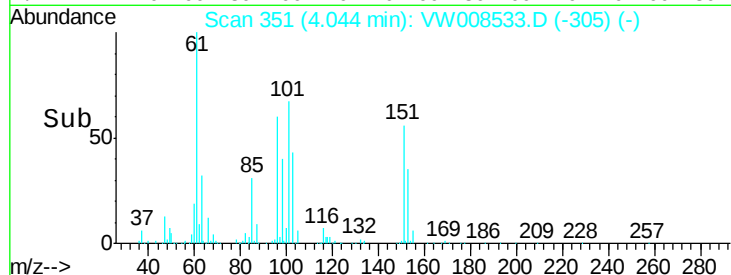
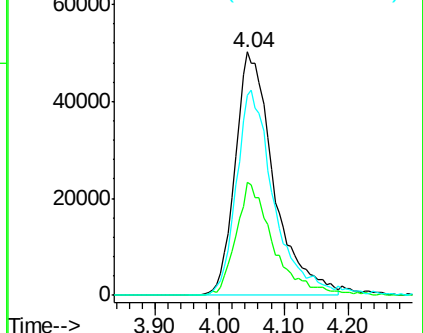
151 81.4 62.6 94.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.975 ug/l

RT: 4.26 min Scan# 387

Delta R.T. 0.00 min

Lab File: VW008533.D

Acq: 06 Feb 2019 17:40

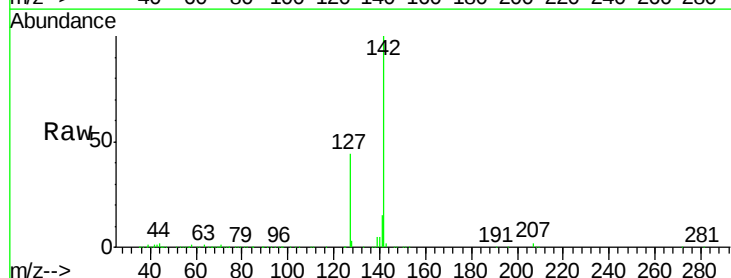
Tgt Ion:142 Resp: 342738

Ion Ratio Lower Upper

142 100

127 43.6 34.6 52.0

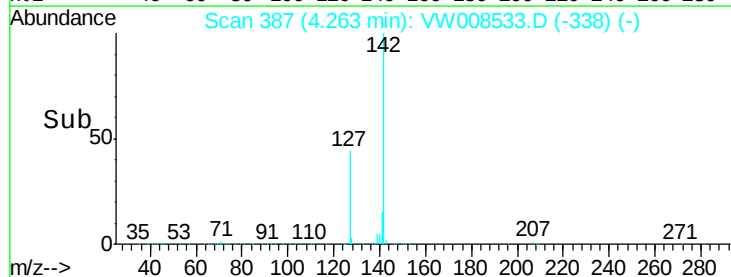
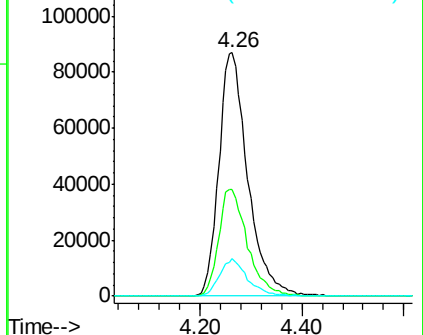
141 14.8 11.4 17.2

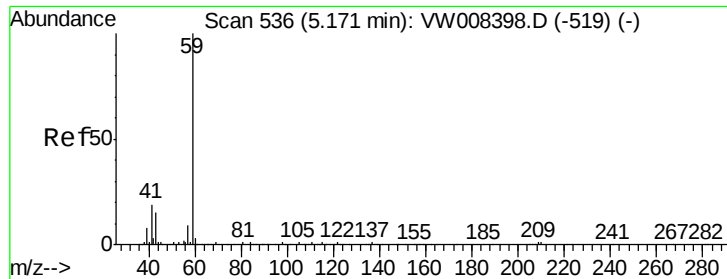


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



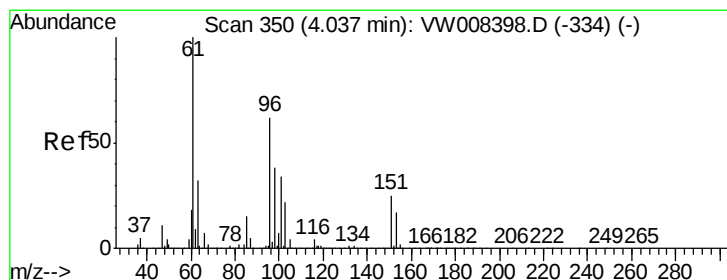
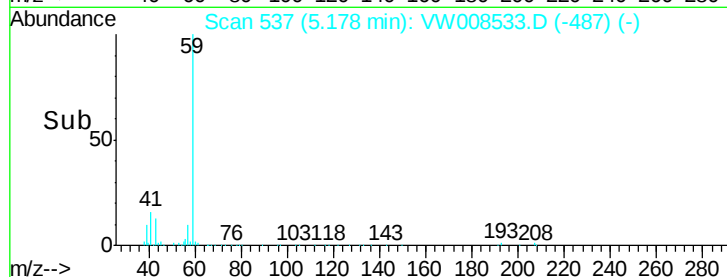
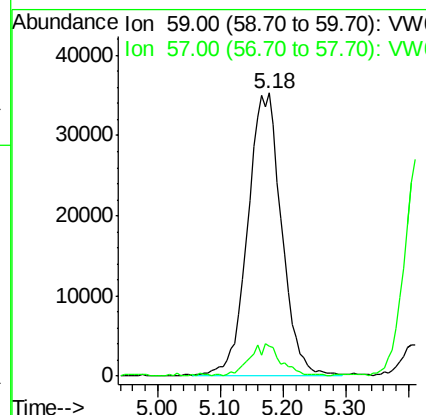
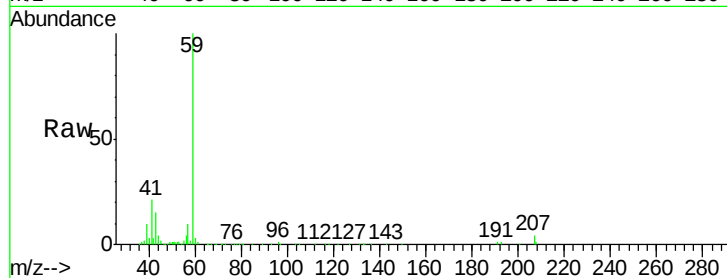


#11

Tert butyl alcohol
Concen: 357.013 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.01 min
Lab File: VW008533.D
Acq: 06 Feb 2019 17:40

Instrument :
MSVOA_W
ClientSampleId :
98-SB-01-2-4MSD

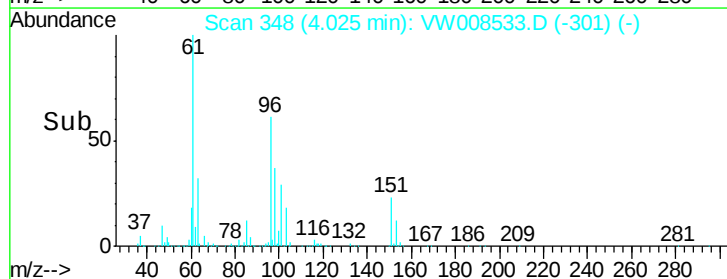
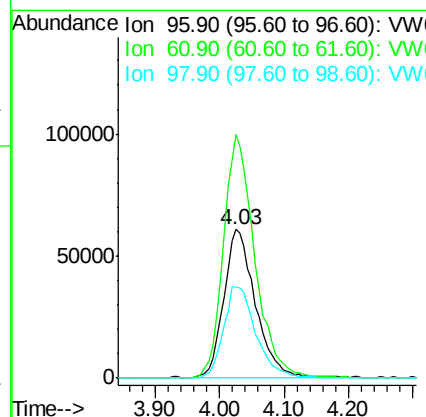
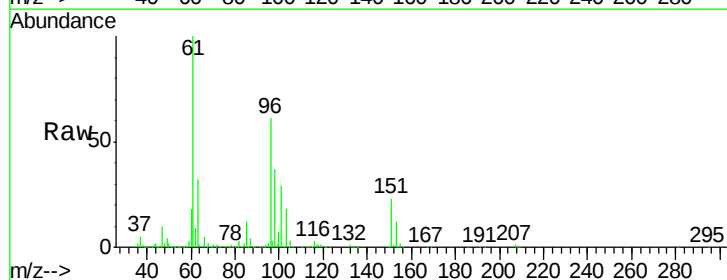
Tot Ion: 59 Resp: 130343
Ion Ratio Lower Upper
59 100
57 4.5 9.3 13.9#

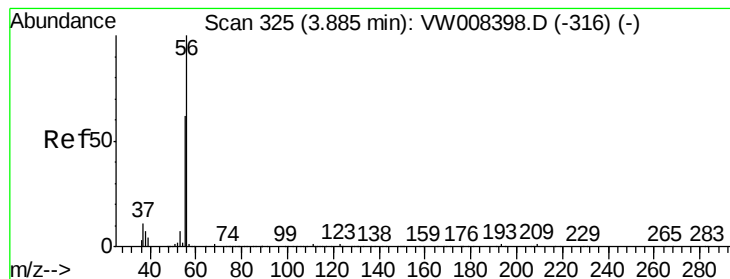


#12

1,1-Dichloroethene
Concen: 49.507 ug/l
RT: 4.03 min Scan# 348
Delta R.T. -0.01 min
Lab File: VW008533.D
Acq: 06 Feb 2019 17:40

Tgt Ion: 96 Resp: 209168
Ion Ratio Lower Upper
96 100
61 163.7 129.5 194.3
98 61.4 48.6 73.0





#13

Acrolein

Concen: 118.608 ug/l

RT: 3.88 min Scan# 324

Delta R.T. -0.01 min

Lab File: VW008533.D

Acq: 06 Feb 2019 17:40

Instrument :

MSVOA_W

ClientSampleId :

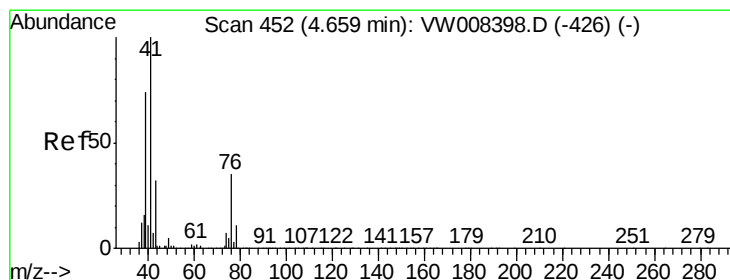
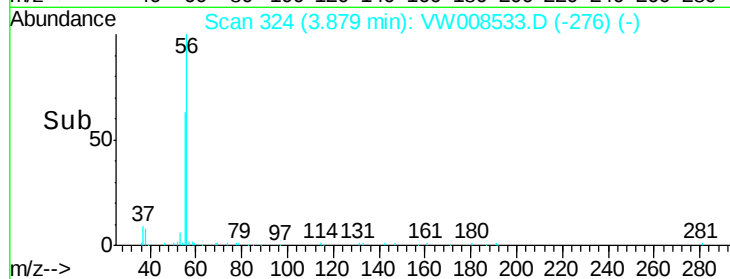
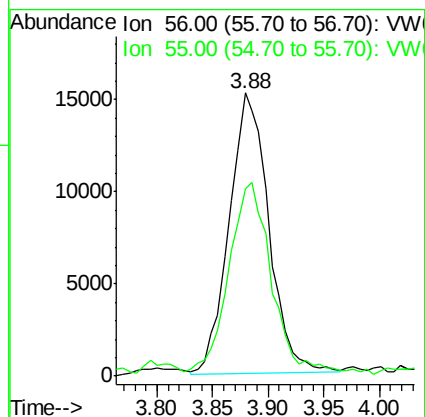
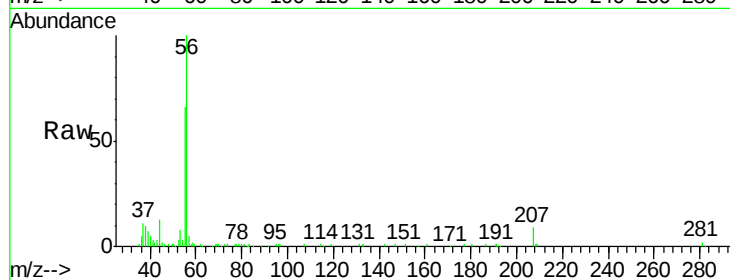
98-SB-01-2-4MSD

Tot Ion: 56 Resp: 37485

Ion Ratio Lower Upper

56 100

55 71.9 56.7 85.1



#14

Allyl chloride

Concen: 47.502 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.01 min

Lab File: VW008533.D

Acq: 06 Feb 2019 17:40

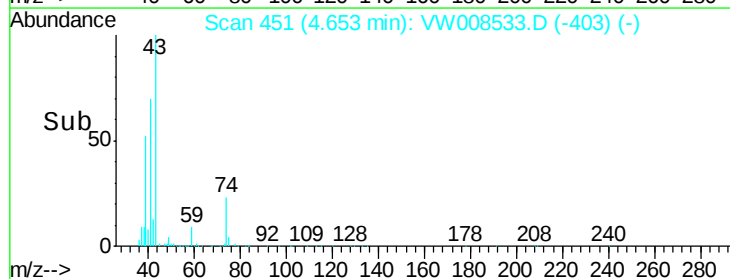
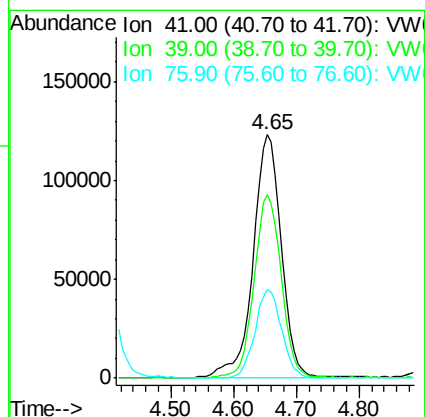
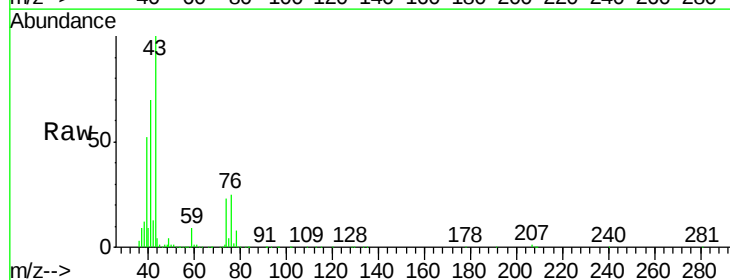
Tgt Ion: 41 Resp: 381104

Ion Ratio Lower Upper

41 100

39 72.9 57.7 86.5

76 34.5 26.9 40.3





#15

Acrylonitrile

Concen: 352.648 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW008533.D

Acq: 06 Feb 2019 17:40

Instrument :

MSVOA_W

ClientSampleId :

98-SB-01-2-4MSD

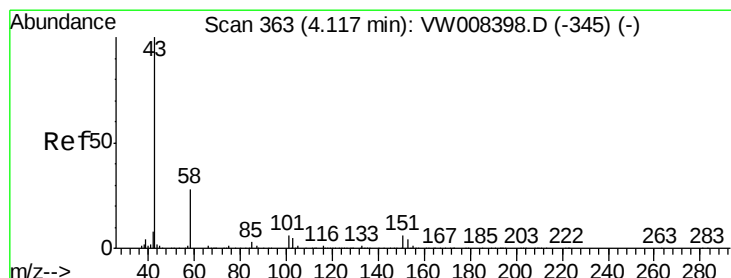
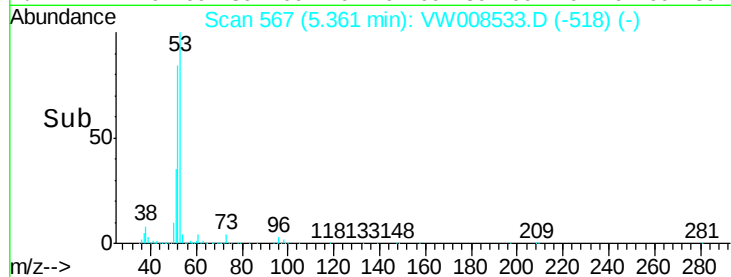
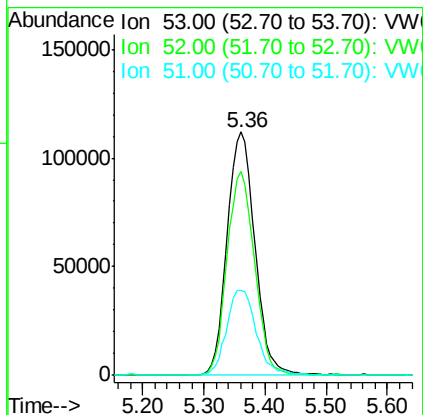
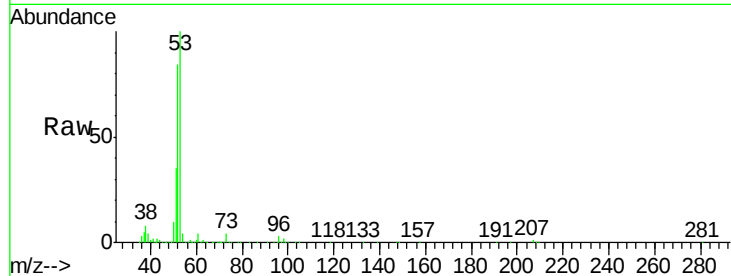
Tot Ion: 53 Resp: 350530

Ion Ratio Lower Upper

53 100

52 82.7 67.0 100.4

51 37.7 29.8 44.8



#16

Acetone

Concen: 400.022 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008533.D

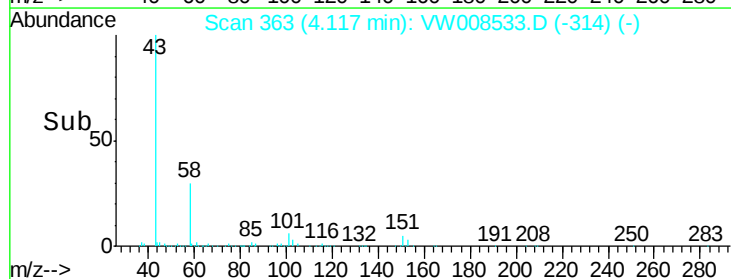
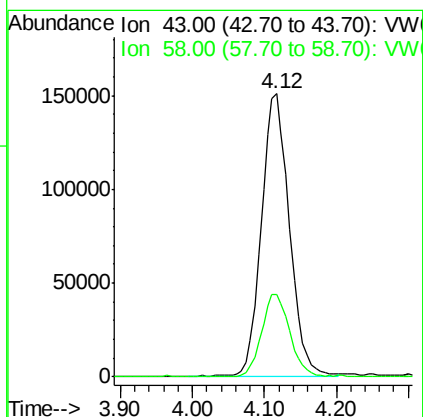
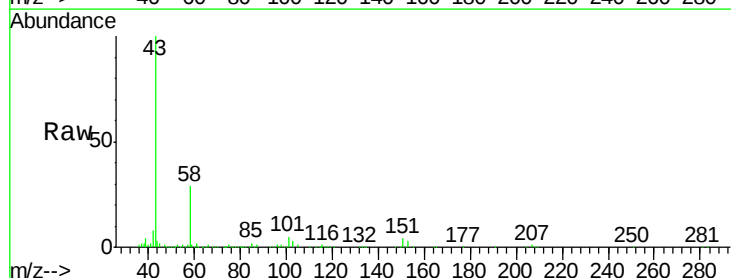
Acq: 06 Feb 2019 17:40

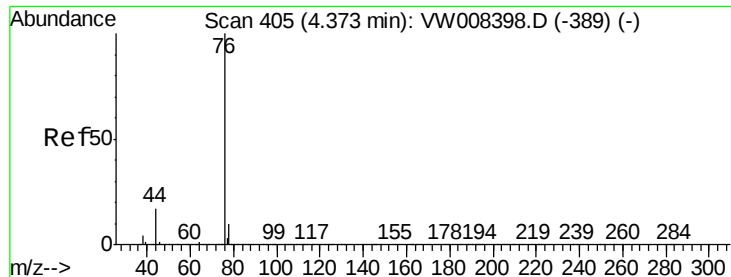
Tgt Ion: 43 Resp: 407353

Ion Ratio Lower Upper

43 100

58 28.8 22.6 34.0

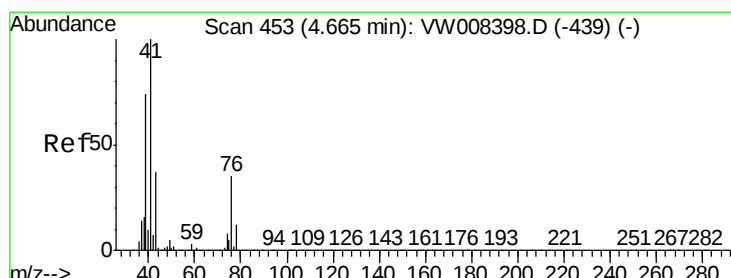
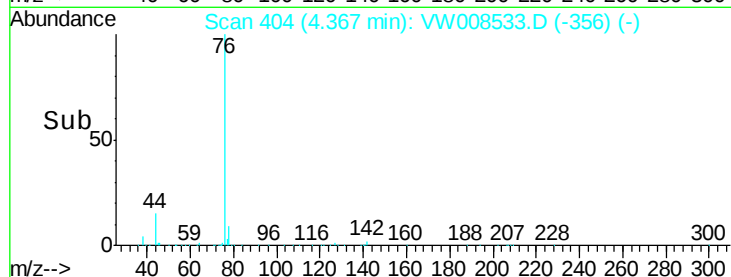
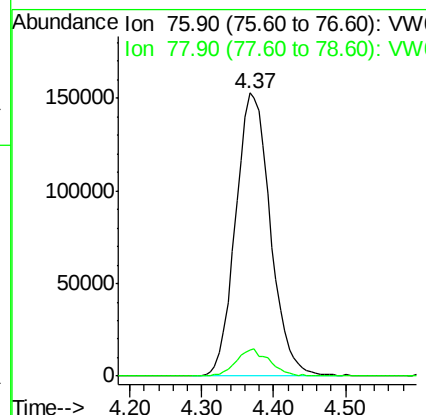
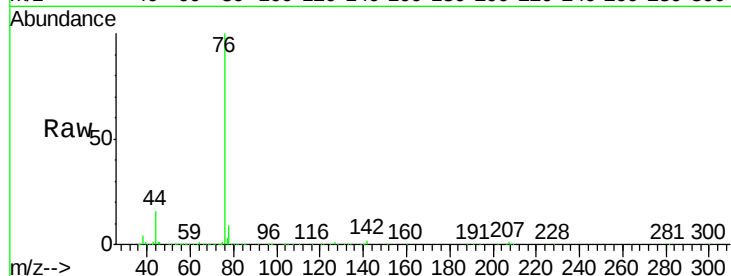




#17
Carbon Disulfide
Concen: 37.947 ug/l
RT: 4.37 min Scan# 404
Delta R.T. -0.01 min
Lab File: VW008533.D
Acq: 06 Feb 2019 17:40

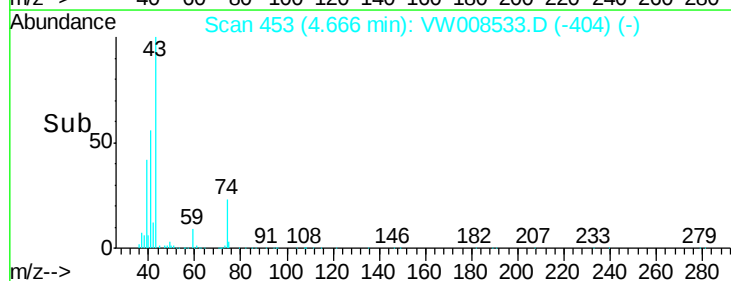
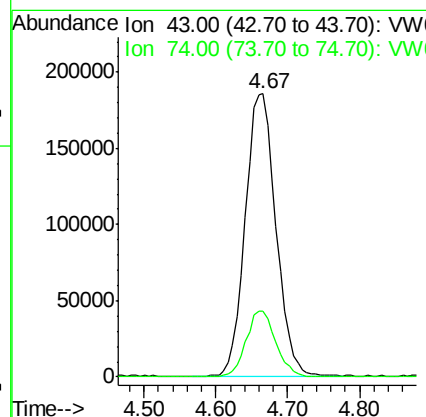
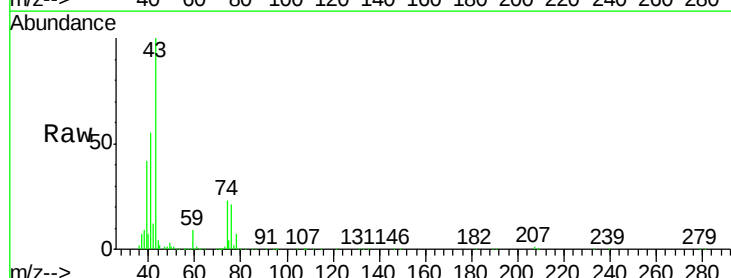
Instrument :
MSVOA_W
ClientSampleId :
98-SB-01-2-4MSD

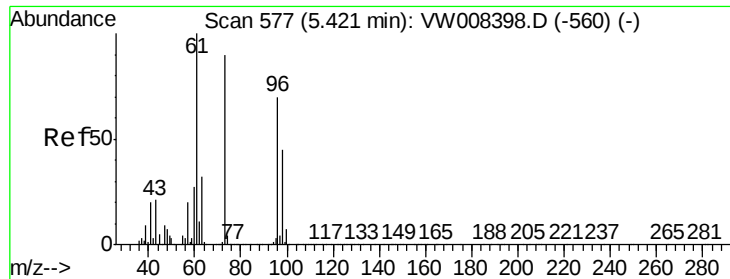
Tot Ion: 76 Resp: 512058
Ion Ratio Lower Upper
76 100
78 9.1 7.7 11.5



#18
Methyl Acetate
Concen: 201.936 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW008533.D
Acq: 06 Feb 2019 17:40

Tgt Ion: 43 Resp: 548476
Ion Ratio Lower Upper
43 100
74 22.6 17.5 26.3

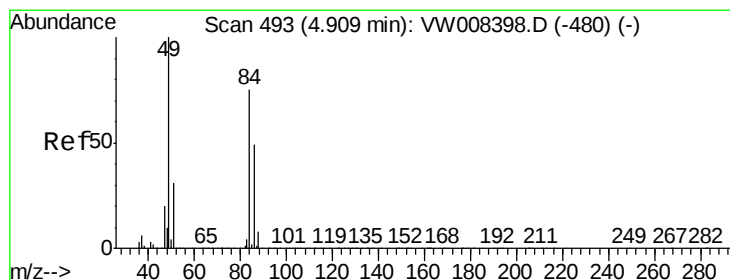
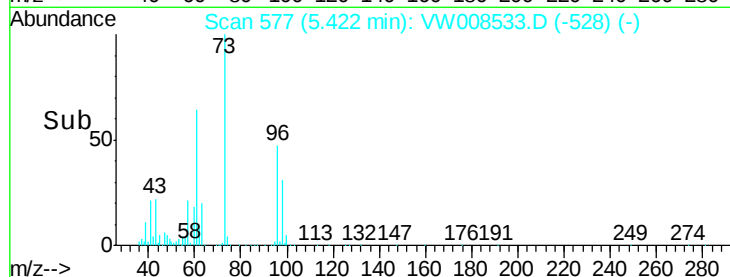
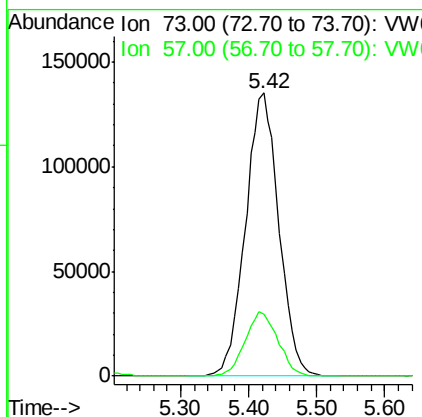
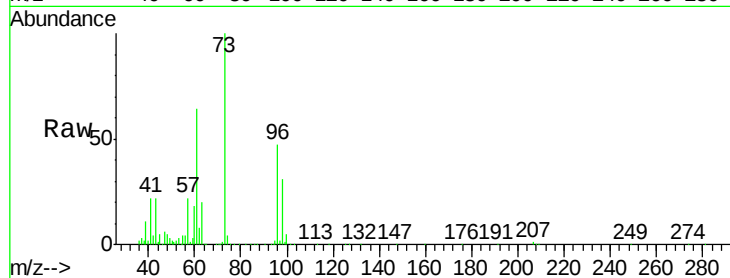




#19
Methvl tert-butvl Ether
Concen: 65.887 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW008533.D
Acq: 06 Feb 2019 17:40

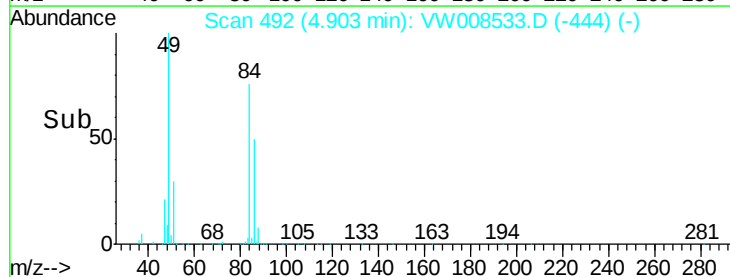
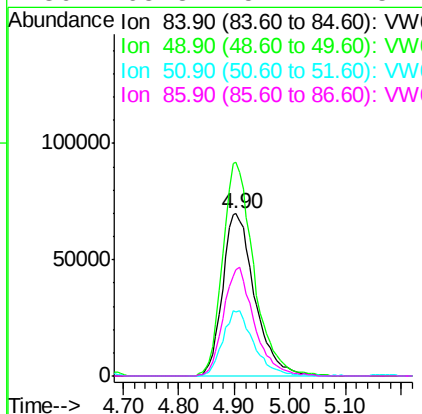
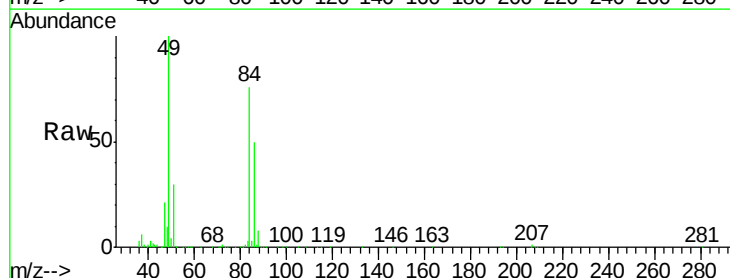
Instrument :
MSVOA_W
ClientSampleId :
98-SB-01-2-4MSD

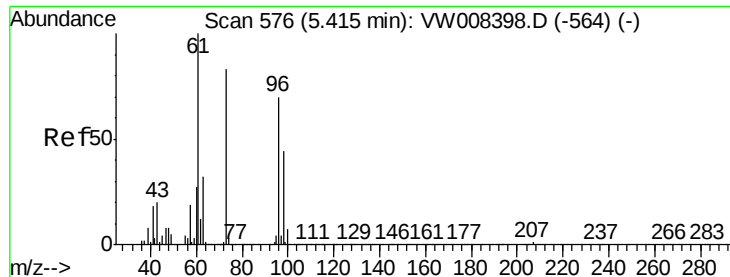
Tot Ion: 73 Resp: 460581
Ion Ratio Lower Upper
73 100
57 21.5 18.0 27.0



#20
Methylene Chloride
Concen: 59.427 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008533.D
Acq: 06 Feb 2019 17:40

Tgt Ion: 84 Resp: 278922
Ion Ratio Lower Upper
84 100
49 131.6 106.8 160.2
51 39.9 32.9 49.3
86 65.8 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 47.718 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW008533.D

Acq: 06 Feb 2019 17:40

Instrument :

MSVOA_W

ClientSampleId :

98-SB-01-2-4MSD

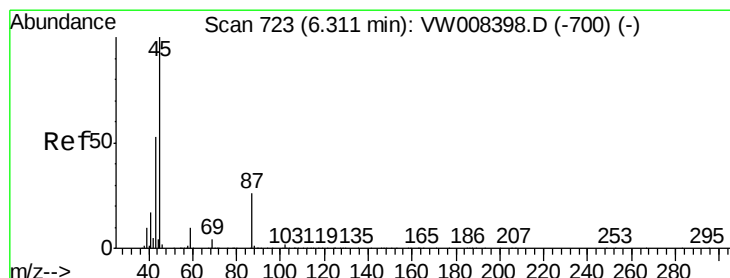
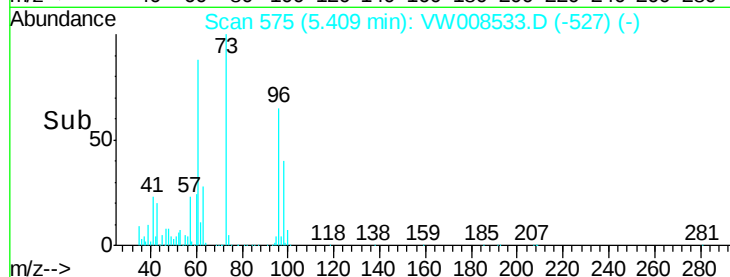
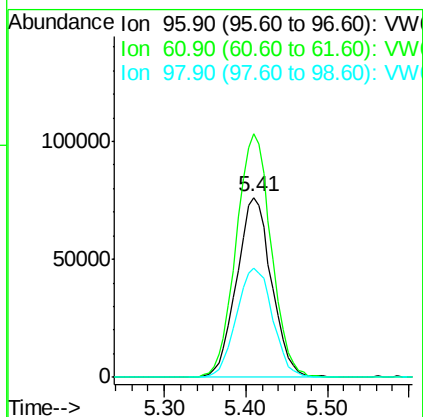
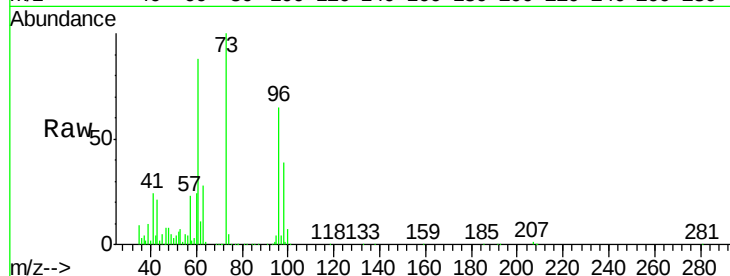
Tot Ion: 96 Resp: 226660

Ion Ratio Lower Upper

96 100

61 135.6 114.4 171.6

98 60.4 50.6 75.8



#22

Diisopropyl ether

Concen: 53.634 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW008533.D

Acq: 06 Feb 2019 17:40

Tgt Ion: 45 Resp: 815513

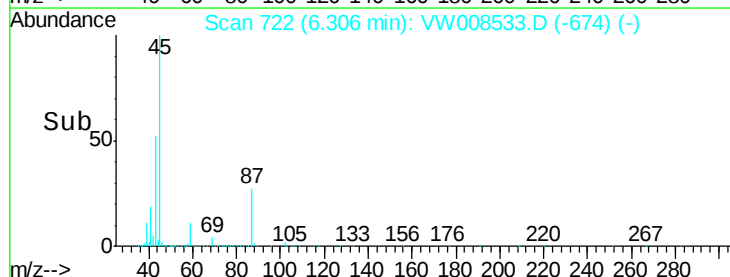
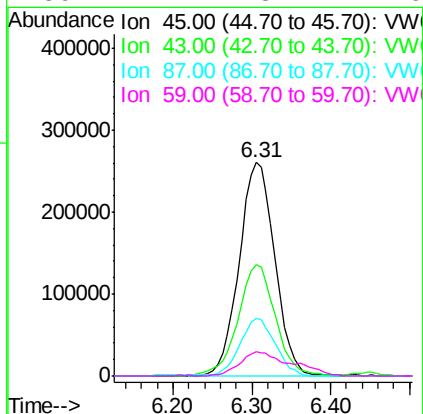
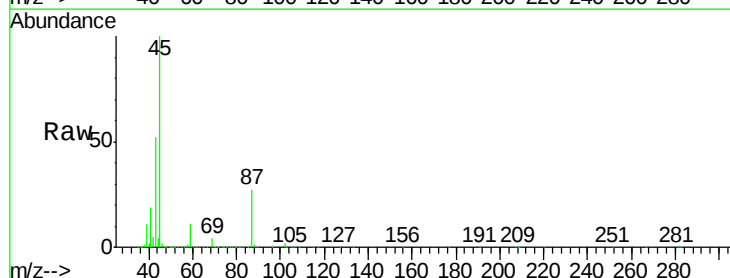
Ion Ratio Lower Upper

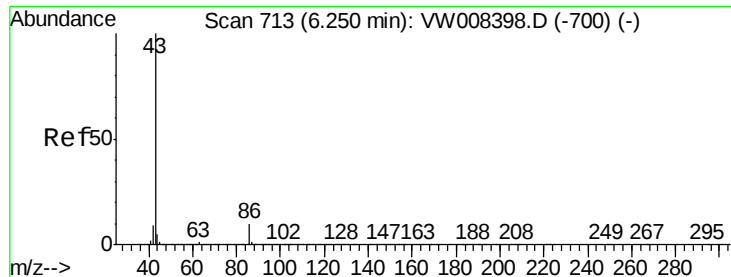
45 100

43 52.0 42.6 63.8

87 26.9 20.3 30.5

59 11.1 8.4 12.6





#23

Vinyl Acetate

Concen: 49.751 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.06 min

Lab File: VW008533.D

Acq: 06 Feb 2019 17:40

Instrument :

MSVOA_W

ClientSampleId :

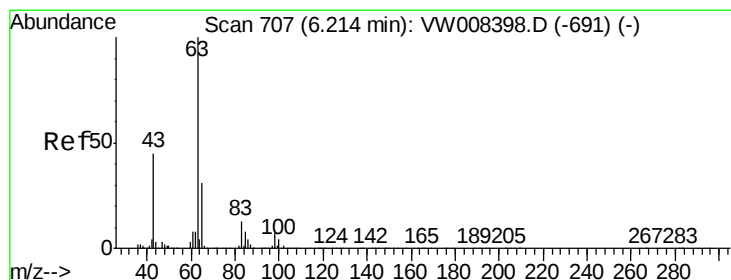
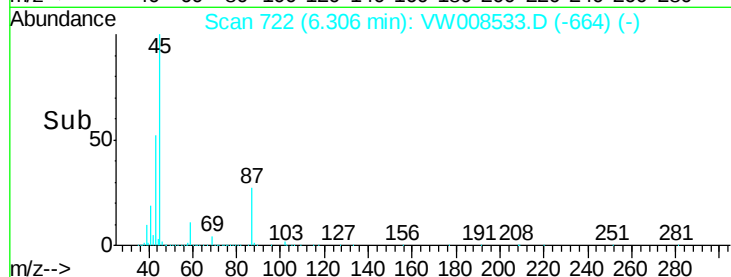
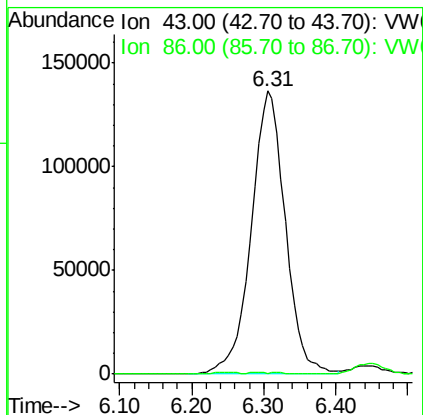
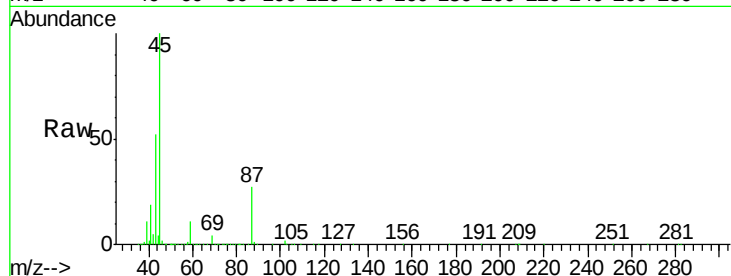
98-SB-01-2-4MSD

Tot Ion: 43 Resp: 446680

Ion Ratio Lower Upper

43 100

86 0.0 7.8 11.8#



#24

1,1-Dichloroethane

Concen: 53.412 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW008533.D

Acq: 06 Feb 2019 17:40

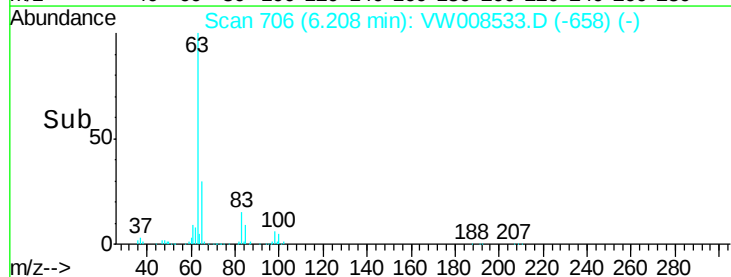
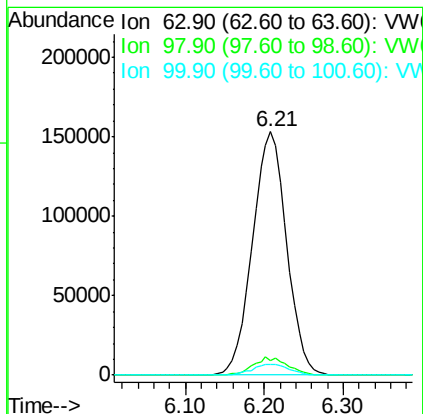
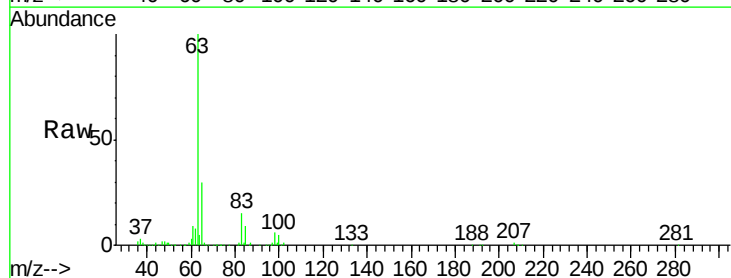
Tgt Ion: 63 Resp: 459708

Ion Ratio Lower Upper

63 100

98 6.0 3.5 10.5

100 4.6 2.1 6.2





#25

2-Butanone

Concen: 360.369 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008533.D

Acq: 06 Feb 2019 17:40

Instrument :

MSVOA_W

ClientSampleId :

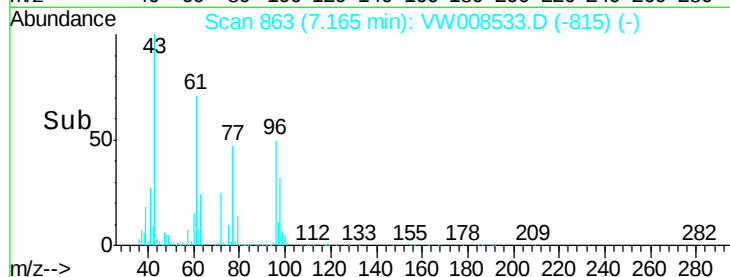
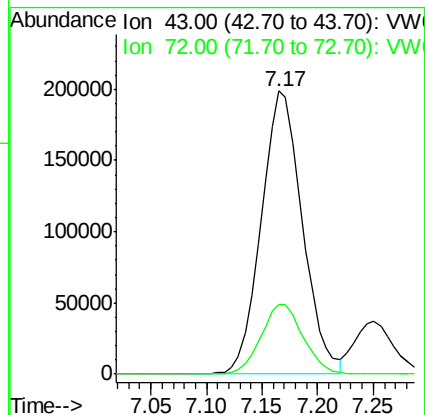
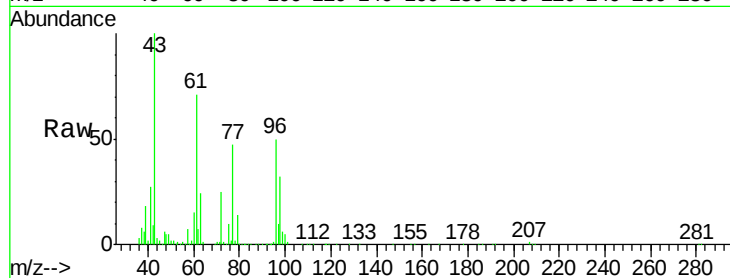
98-SB-01-2-4MSD

Tot Ion: 43 Resp: 509719

Ion Ratio Lower Upper

43 100

72 24.7 20.1 30.1



#26

2,2-Dichloropropane

Concen: 46.622 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW008533.D

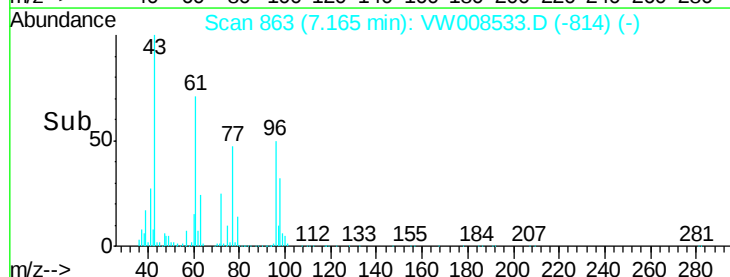
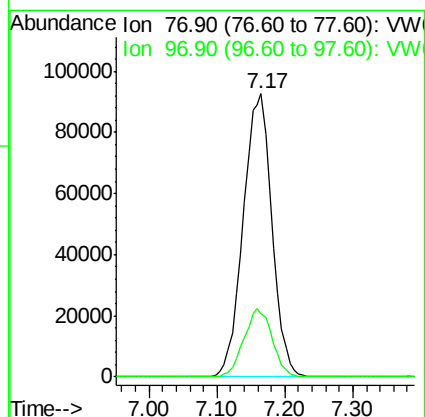
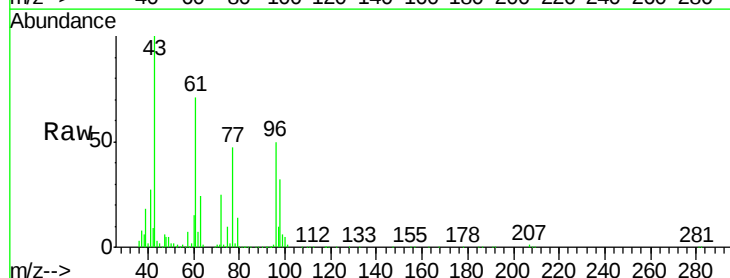
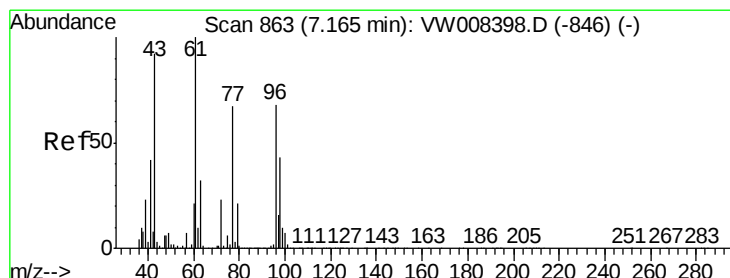
Acq: 06 Feb 2019 17:40

Tgt Ion: 77 Resp: 271235

Ion Ratio Lower Upper

77 100

97 23.7 11.5 34.5



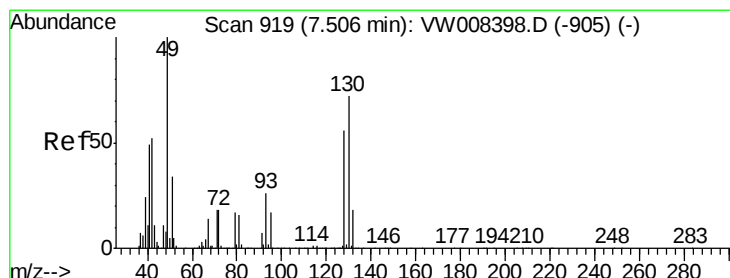
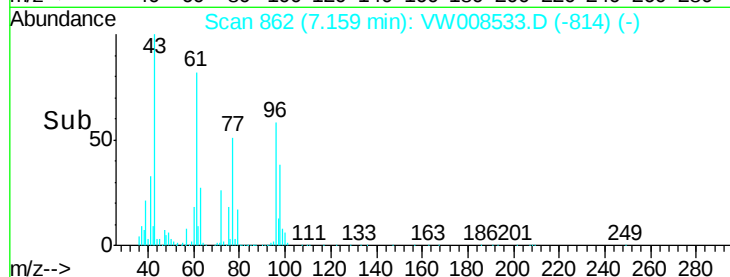
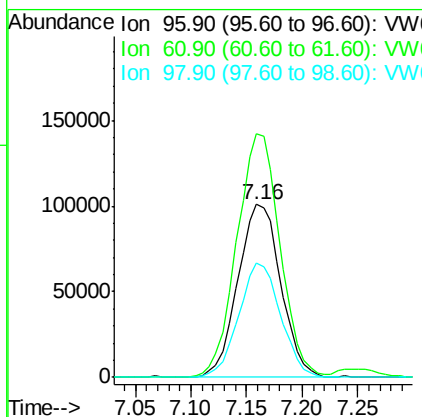
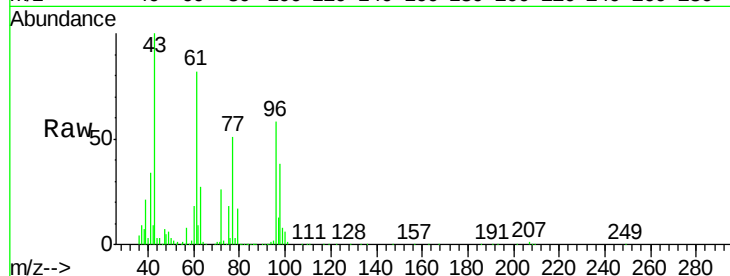


#27

cis-1,2-Dichloroethene
Concen: 51.654 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW008533.D
Acq: 06 Feb 2019 17:40

Instrument :
MSVOA_W
ClientSampleId :
98-SB-01-2-4MSD

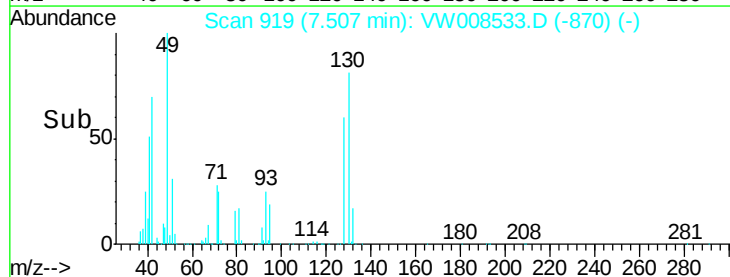
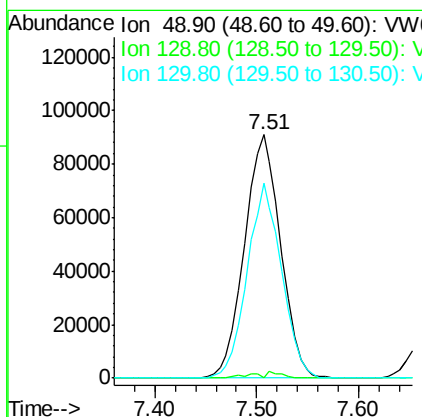
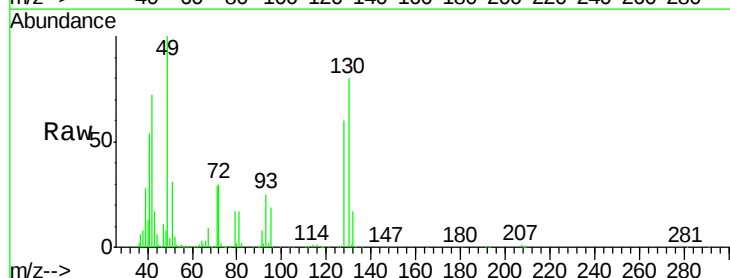
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.7	0.0	292.8
98	65.1	0.0	129.2

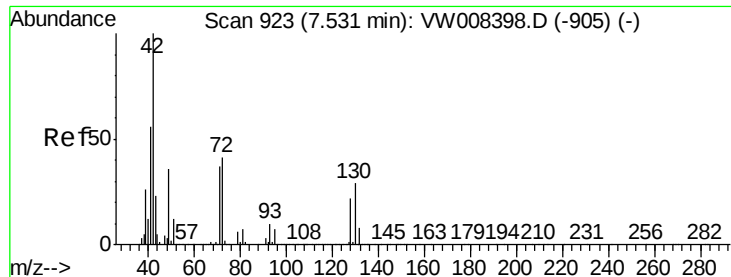


#28

Bromochloromethane
Concen: 56.729 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW008533.D
Acq: 06 Feb 2019 17:40

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	4.6
130	76.4	58.6	87.8

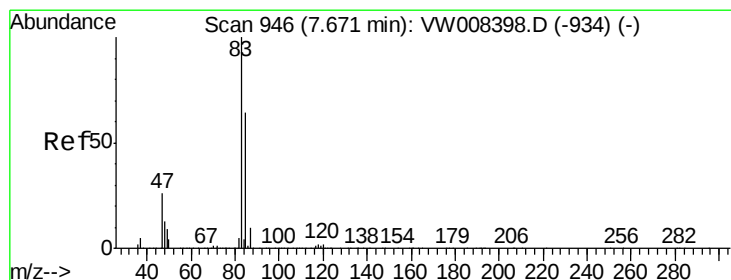
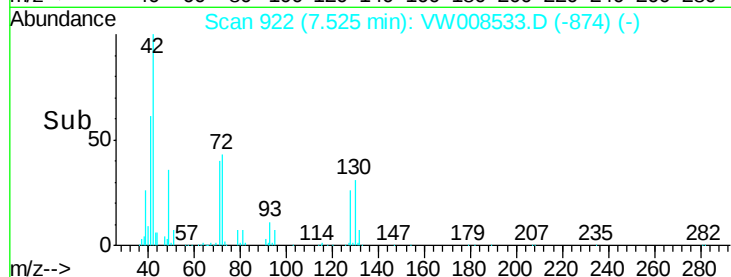
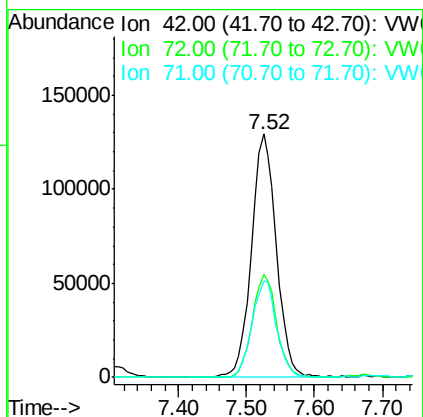
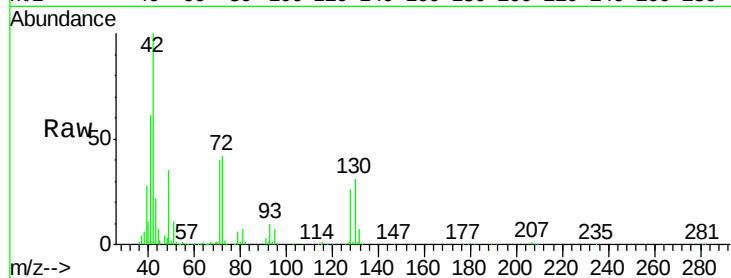




#29
Tetrahydrofuran
Concen: 367.852 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW008533.D
Acq: 06 Feb 2019 17:40

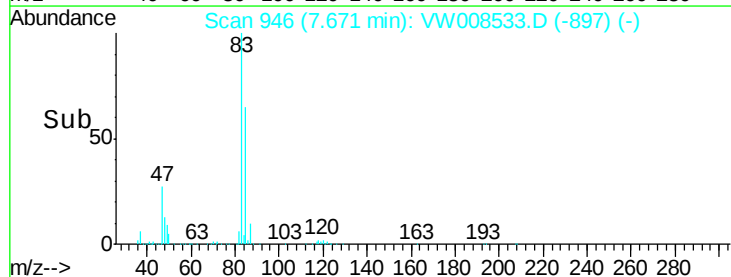
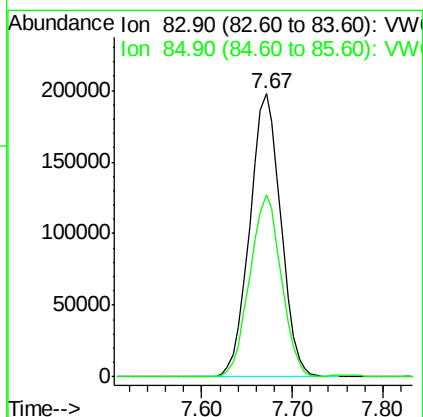
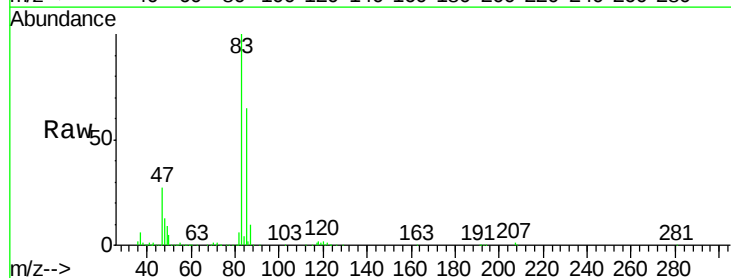
Instrument :
MSVOA_W
ClientSampleId :
98-SB-01-2-4MSD

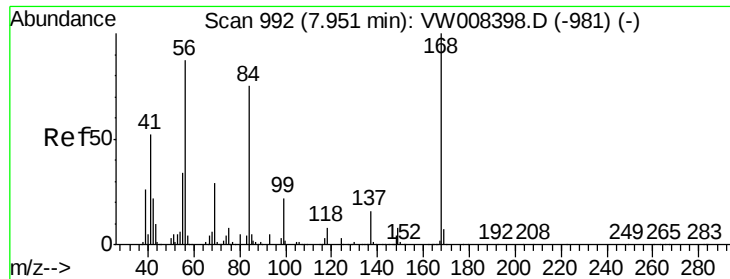
Tot Ion	Ratio	Lower	Upper
42	100		
72	41.7	31.9	47.9
71	39.5	29.9	44.9



#30
Chloroform
Concen: 55.334 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW008533.D
Acq: 06 Feb 2019 17:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.9	76.3

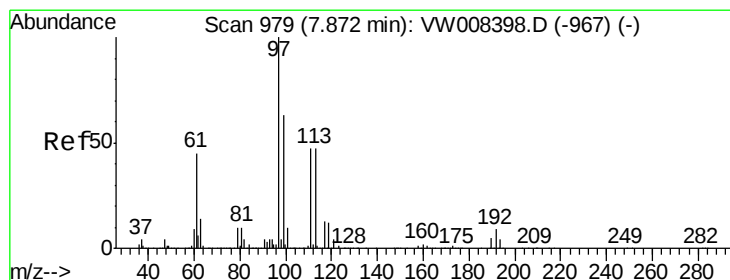
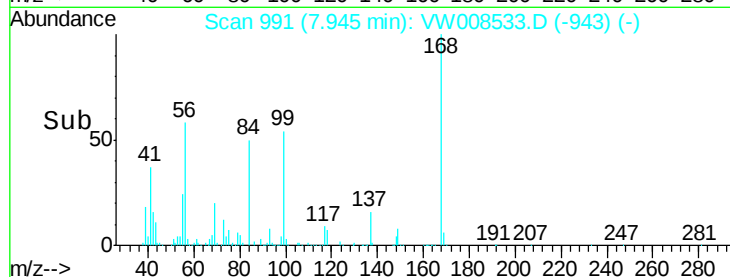
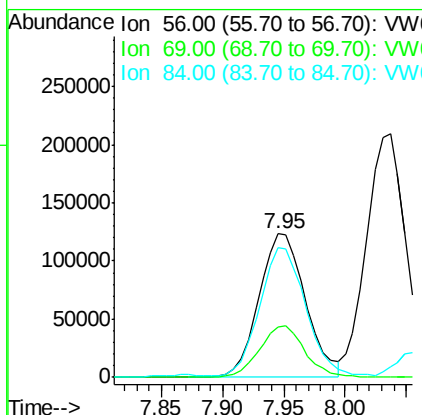
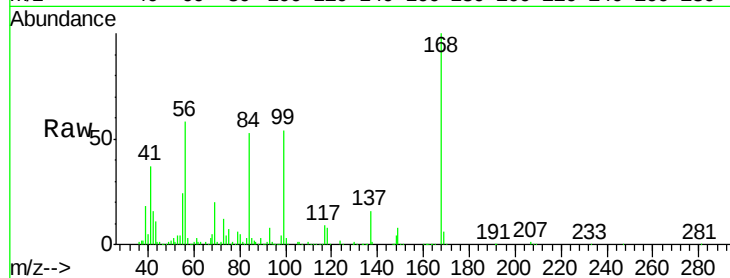




#31
Cyclohexane
Concen: 36.726 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008533.D
Acq: 06 Feb 2019 17:40

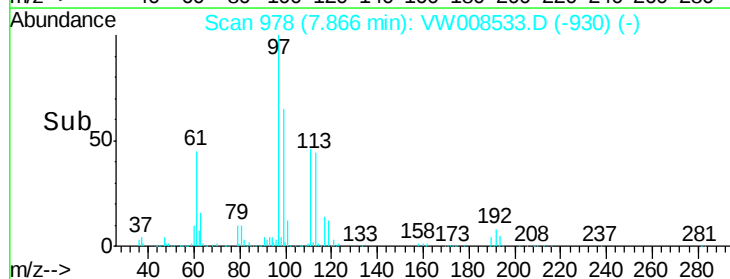
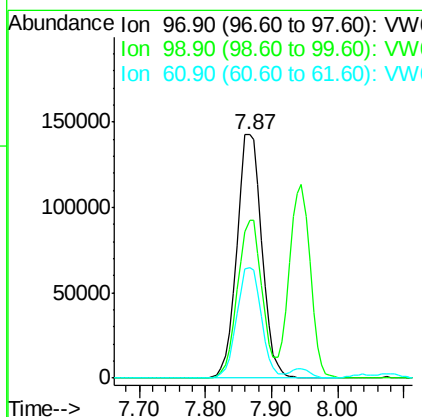
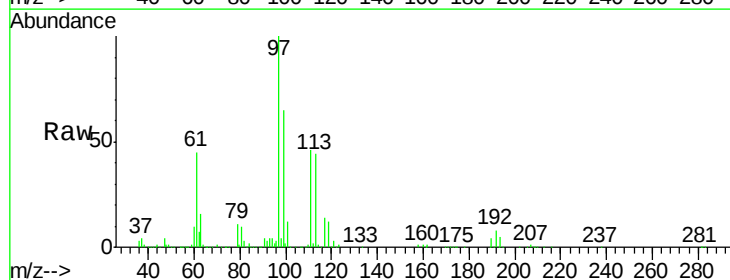
Instrument :
MSVOA_W
ClientSampleId :
98-SB-01-2-4MSD

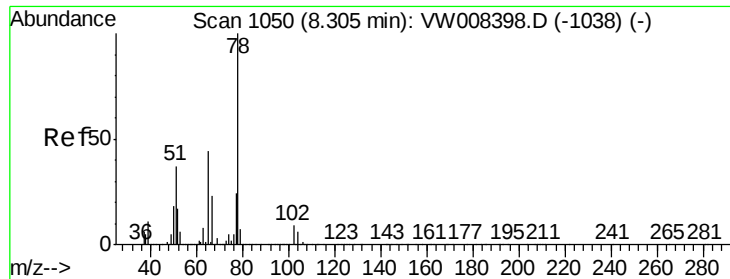
Tot Ion: 56 Resp: 326842
Ion Ratio Lower Upper
56 100
69 35.3 26.4 39.6
84 88.8 69.1 103.7



#32
1,1,1-Trichloroethane
Concen: 51.140 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW008533.D
Acq: 06 Feb 2019 17:40

Tgt Ion: 97 Resp: 373932
Ion Ratio Lower Upper
97 100
99 63.4 51.3 76.9
61 44.6 36.2 54.4

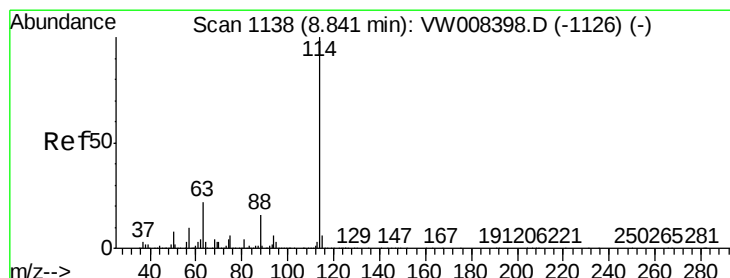
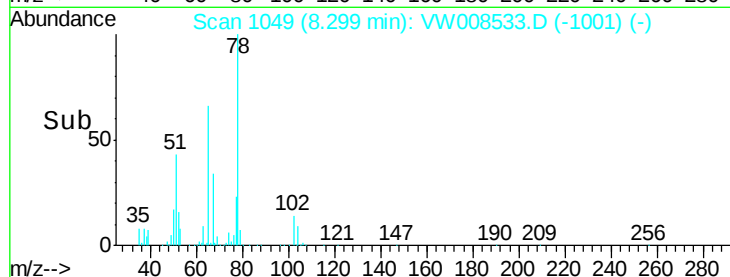
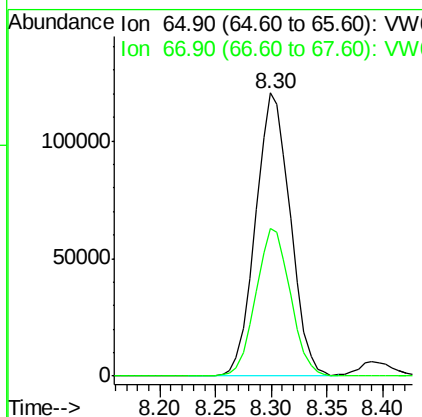
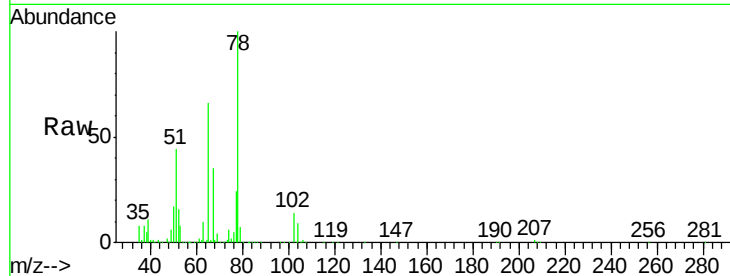




#33
 1,2-Dichloroethane-d4
 Concen: 57.834 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW008533.D
 Acq: 06 Feb 2019 17:40

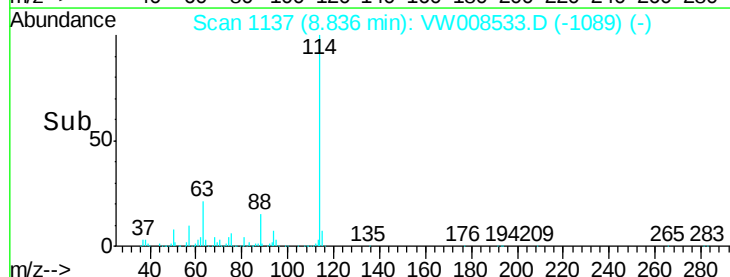
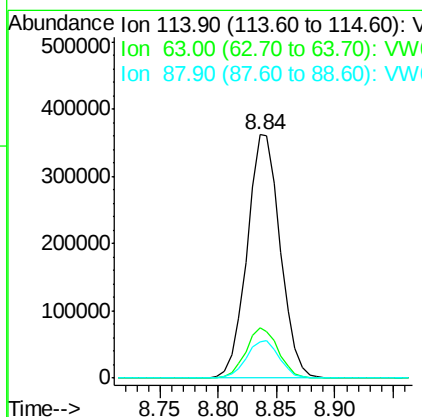
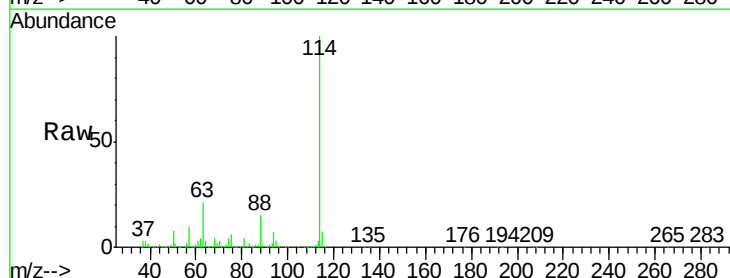
Instrument :
 MSVOA_W
 ClientSampleId :
 98-SB-01-2-4MSD

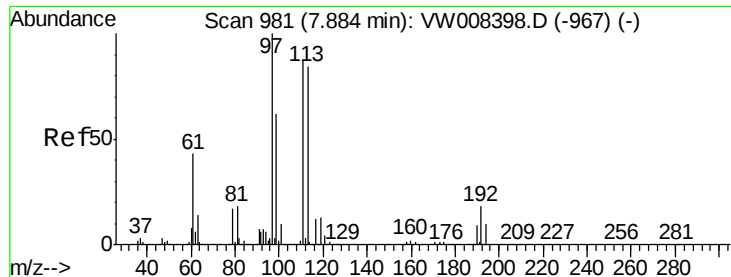
Tot Ion: 65 Resp: 262257
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW008533.D
 Acq: 06 Feb 2019 17:40

Tgt Ion: 114 Resp: 717633
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 43.6
 88 15.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.467 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008533.D

Acq: 06 Feb 2019 17:40

Instrument :

MSVOA_W

ClientSampleId :

98-SB-01-2-4MSD

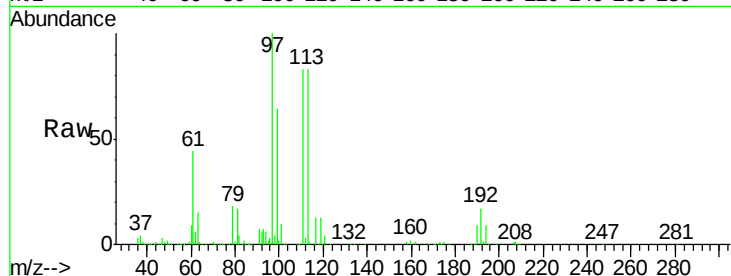
Tot Ion:113 Resp: 215970

Ion Ratio Lower Upper

113 100

111 102.5 81.0 121.4

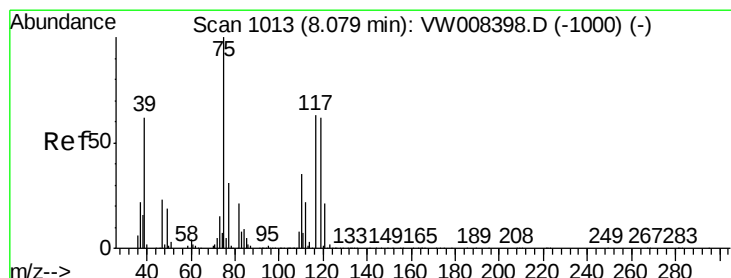
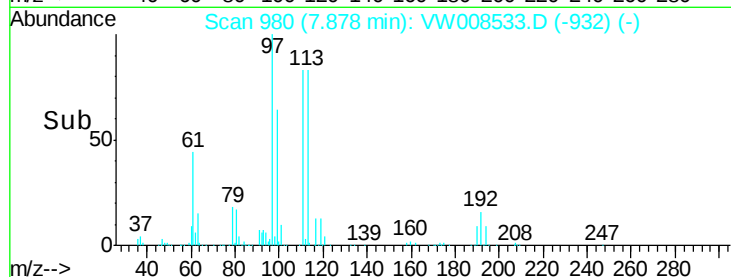
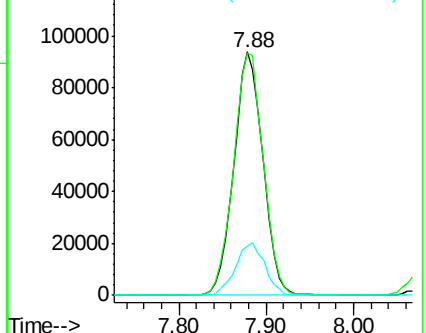
192 21.8 16.8 25.2



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: 47.106 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW008533.D

Acq: 06 Feb 2019 17:40

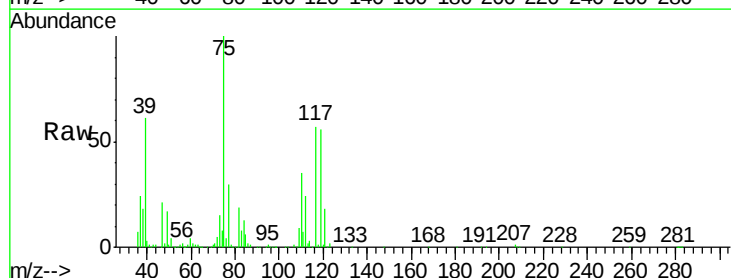
Tgt Ion: 75 Resp: 319325

Ion Ratio Lower Upper

75 100

110 34.9 17.3 52.0

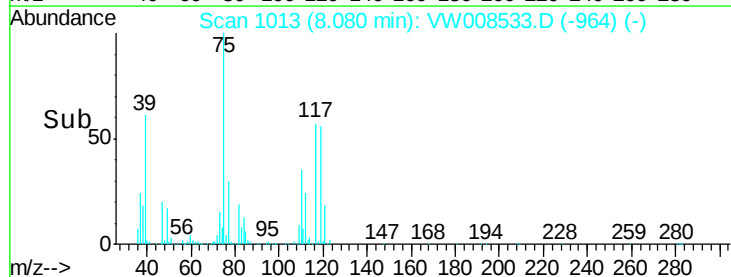
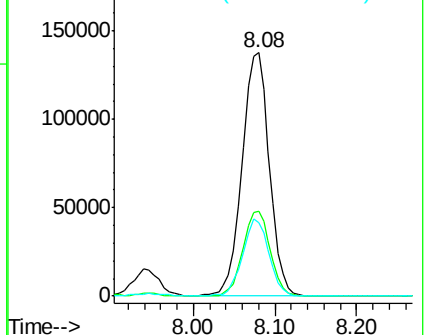
77 30.6 24.7 37.1

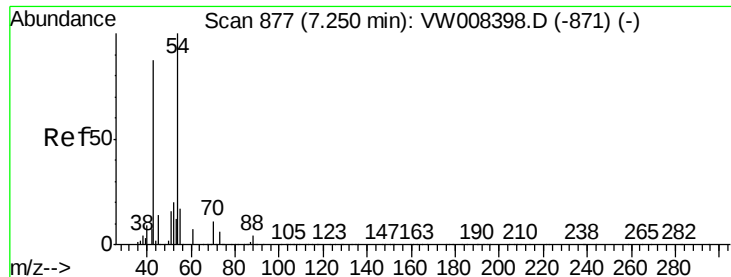


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

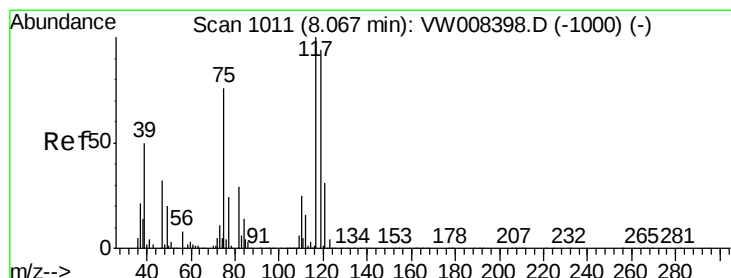
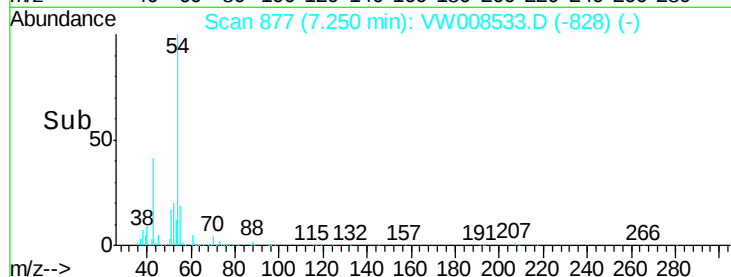
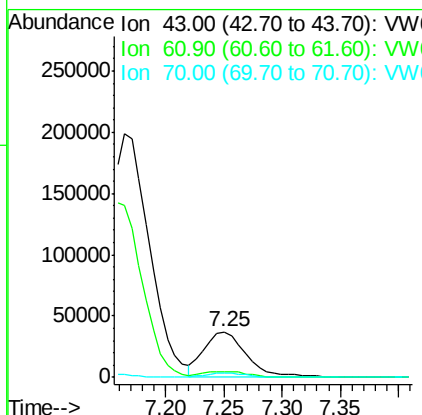
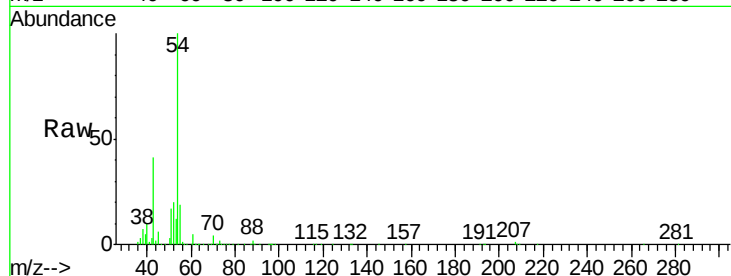




#37
Ethyl Acetate
Concen: 30.563 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW008533.D
Acq: 06 Feb 2019 17:40

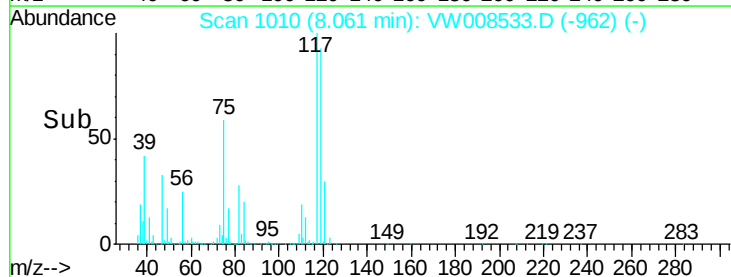
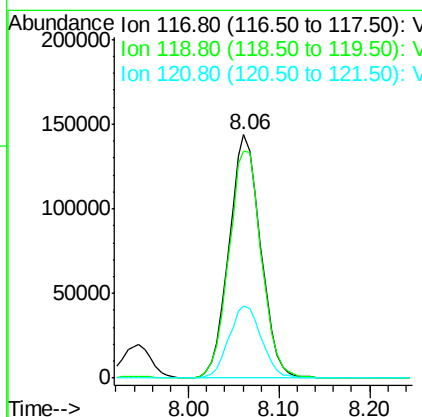
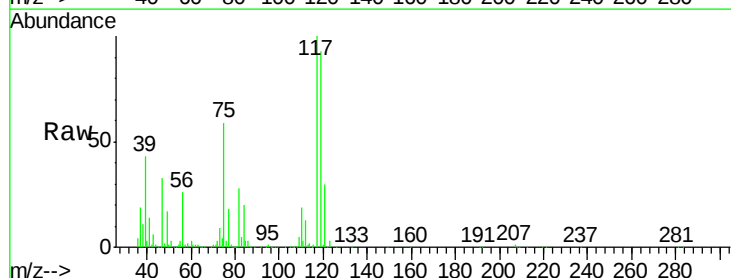
Instrument :
MSVOA_W
ClientSampleId :
98-SB-01-2-4MSD

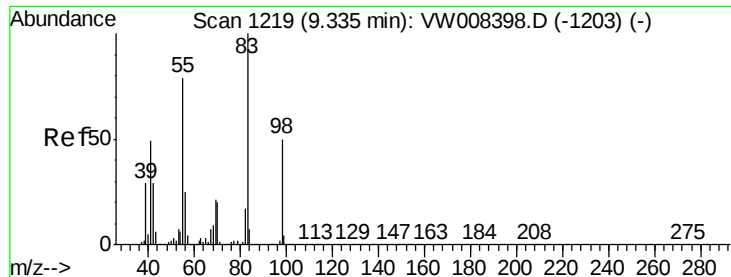
Tot Ion	43	Resp	91663
Ion Ratio	Lower	Upper	
43	100		
61	12.9	10.1	15.1
70	10.5	7.8	11.6



#38
Carbon Tetrachloride
Concen: 50.913 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW008533.D
Acq: 06 Feb 2019 17:40

Tgt Ion	117	Resp	347303
Ion Ratio	Lower	Upper	
117	100		
119	93.0	75.0	112.4
121	29.6	24.9	37.3

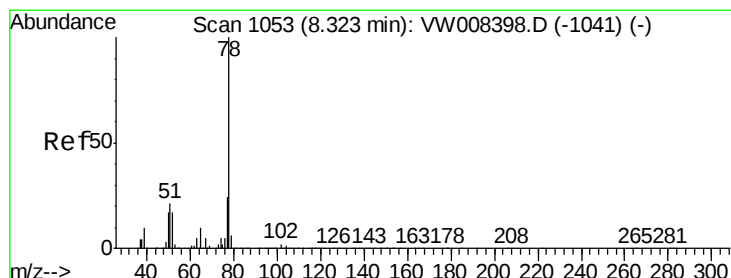
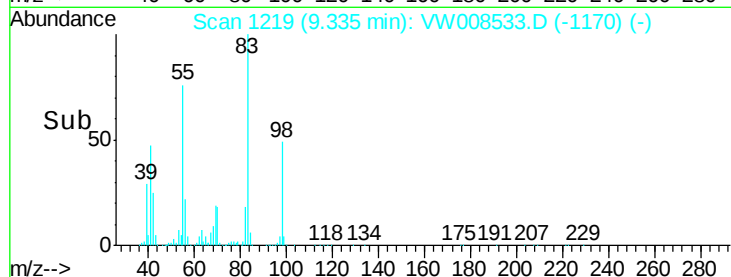
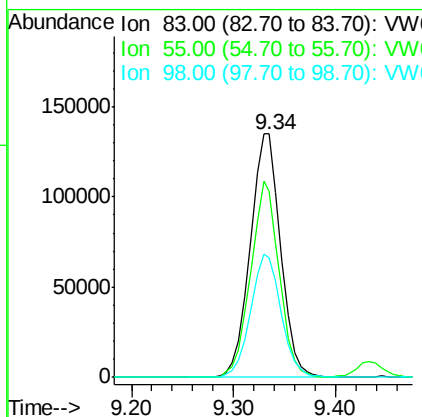
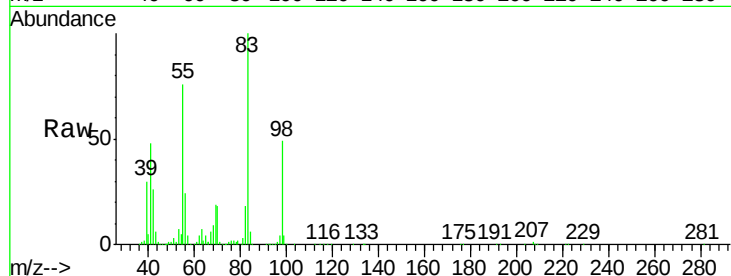




#39
Methvlcvclohexane
Concen: 31.448 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008533.D
Acq: 06 Feb 2019 17:40

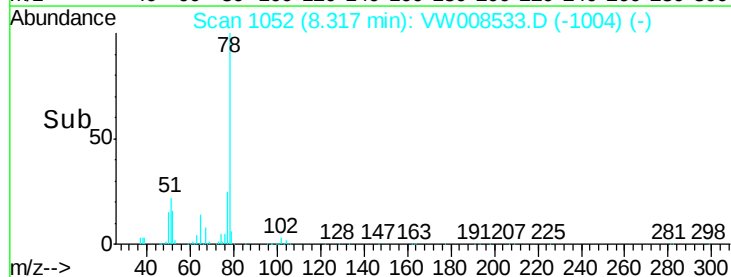
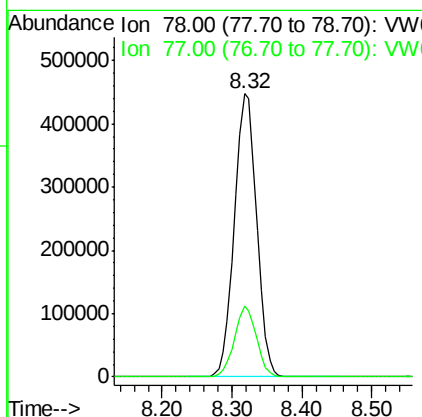
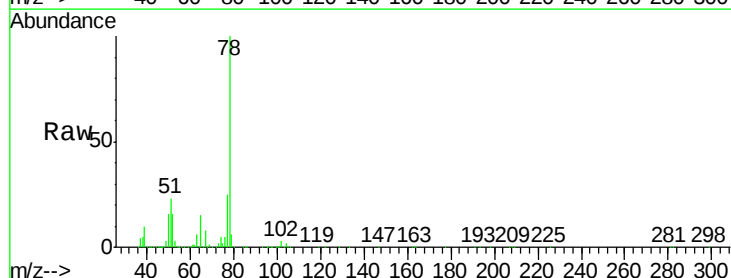
Instrument :
MSVOA_W
ClientSampleId :
98-SB-01-2-4MSD

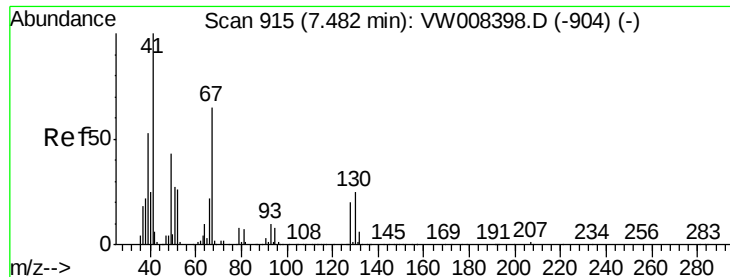
Tot Ion: 83 Resp: 280053
Ion Ratio Lower Upper
83 100
55 76.2 63.3 94.9
98 48.8 39.7 59.5



#40
Benzene
Concen: 52.734 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW008533.D
Acq: 06 Feb 2019 17:40

Tgt Ion: 78 Resp: 991946
Ion Ratio Lower Upper
78 100
77 25.1 19.0 28.6

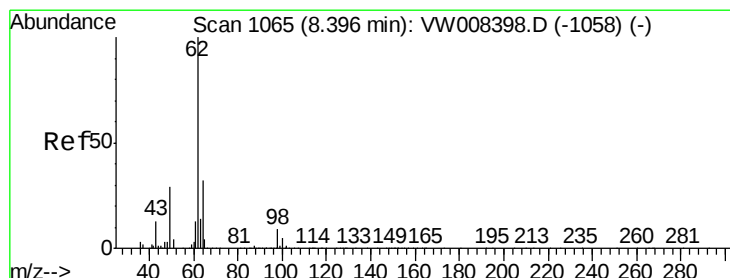
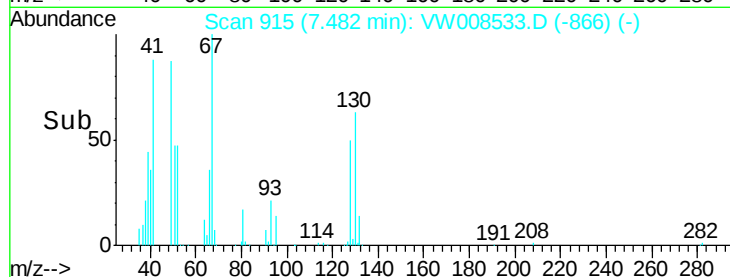
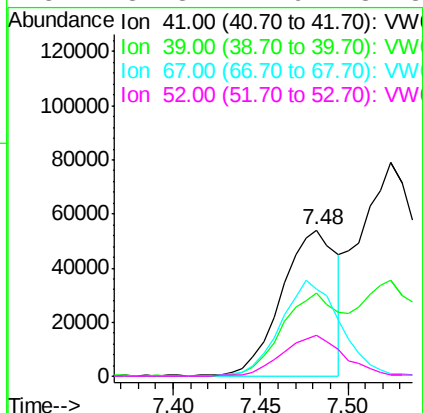
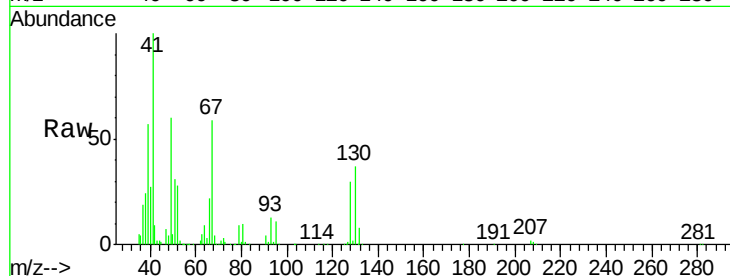




#41
Methacrylonitrile
Concen: 66.348 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW008533.D
Acq: 06 Feb 2019 17:40

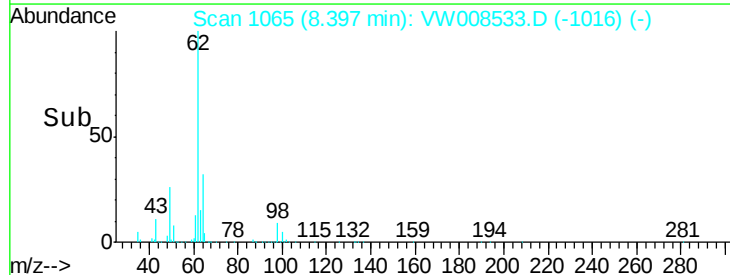
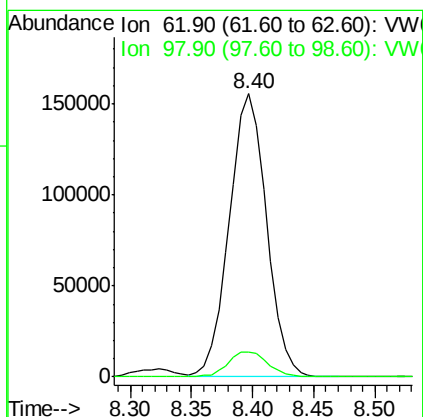
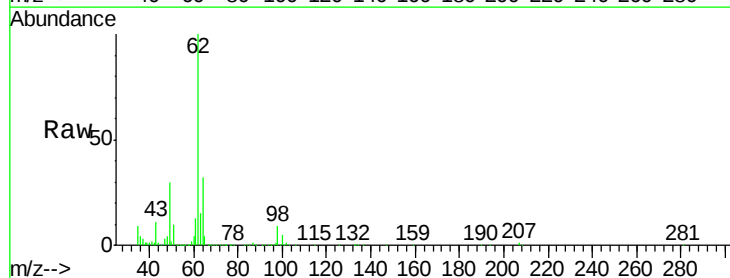
Instrument :
MSVOA_W
ClientSampleId :
98-SB-01-2-4MSD

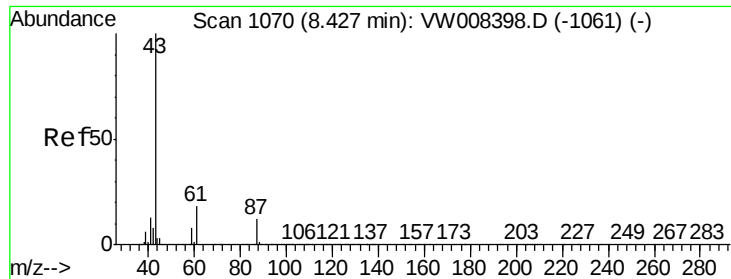
Tot Ion:	41	Resp:	117824
Ion	Ratio	Lower	Upper
41	100		
39	62.5	43.4	65.0
67	72.3	54.2	81.2
52	32.3	22.9	34.3



#42
1,2-Dichloroethane
Concen: 60.271 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW008533.D
Acq: 06 Feb 2019 17:40

Tgt Ion:	62	Resp:	328550
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.6





#43

Isopropyl Acetate

Concen: 40.783 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW008533.D

Acq: 06 Feb 2019 17:40

Instrument :

MSVOA_W

ClientSampleId :

98-SB-01-2-4MSD

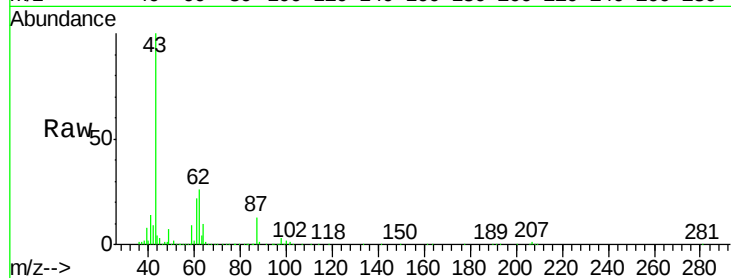
Tot Ion: 43 Resp: 254113

Ion Ratio Lower Upper

43 100

61 32.6 22.0 33.0

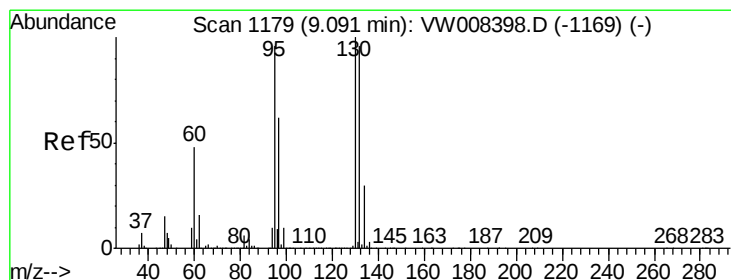
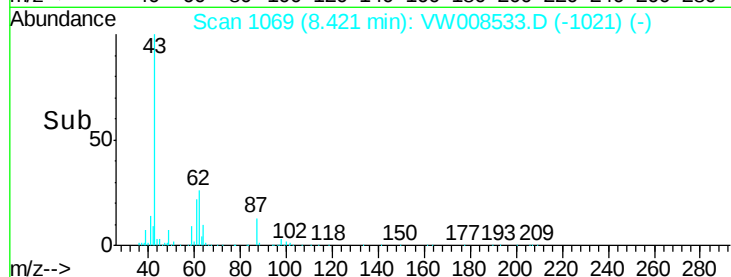
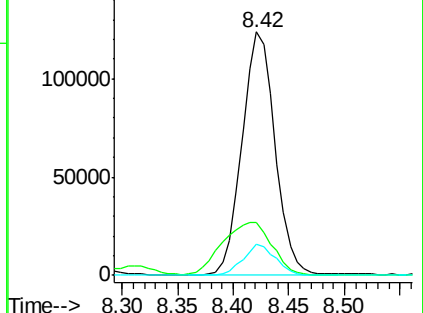
87 12.6 9.3 13.9



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: 67.984 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW008533.D

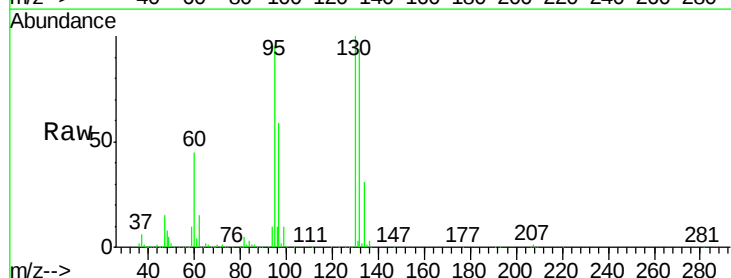
Acq: 06 Feb 2019 17:40

Tgt Ion: 130 Resp: 347749

Ion Ratio Lower Upper

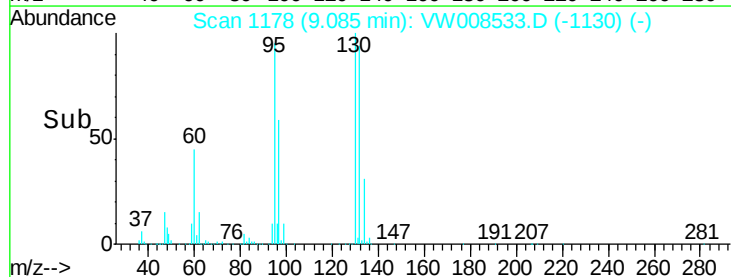
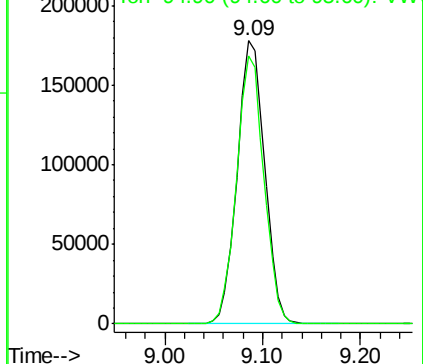
130 100

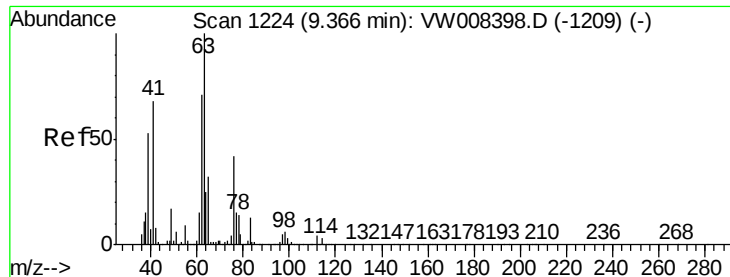
95 94.7 0.0 191.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 55.200 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW008533.D

Acq: 06 Feb 2019 17:40

Instrument :

MSVOA_W

ClientSampleId :

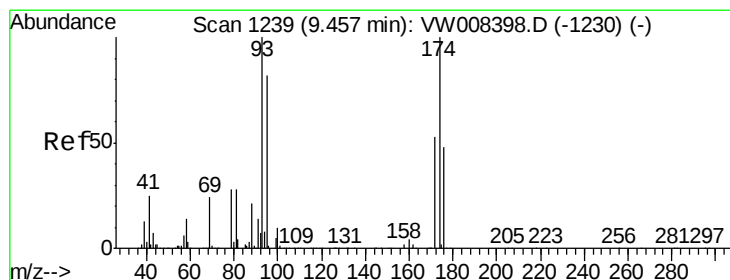
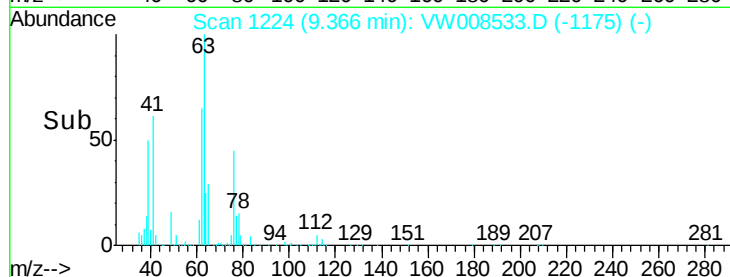
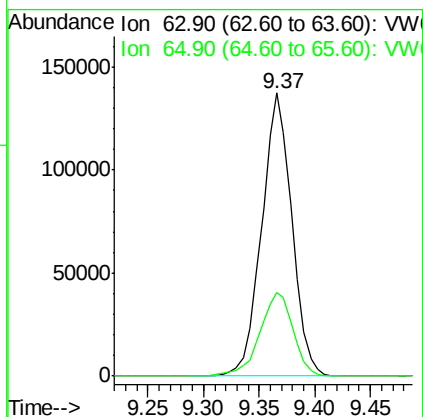
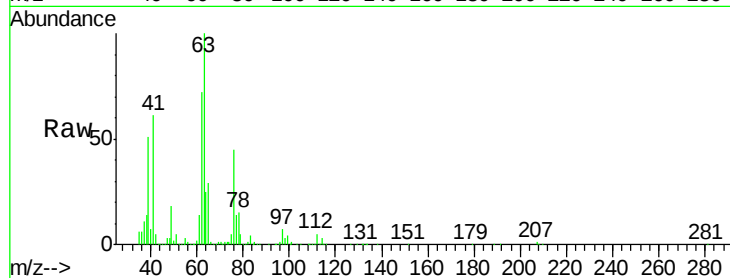
98-SB-01-2-4MSD

Tot Ion: 63 Resp: 258899

Ion Ratio Lower Upper

63 100

65 29.4 25.2 37.8



#46

Dibromomethane

Concen: 60.777 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW008533.D

Acq: 06 Feb 2019 17:40

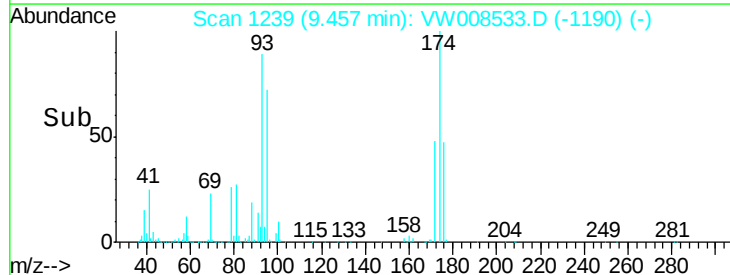
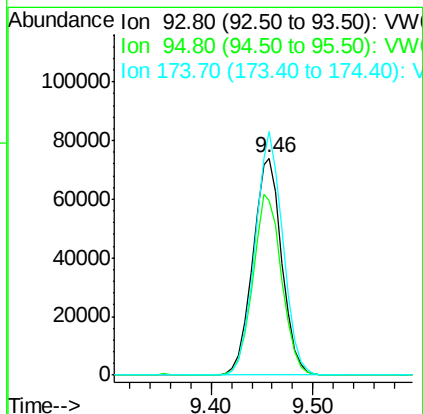
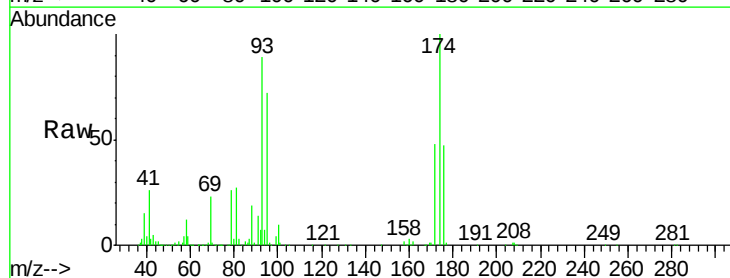
Tgt Ion: 93 Resp: 146613

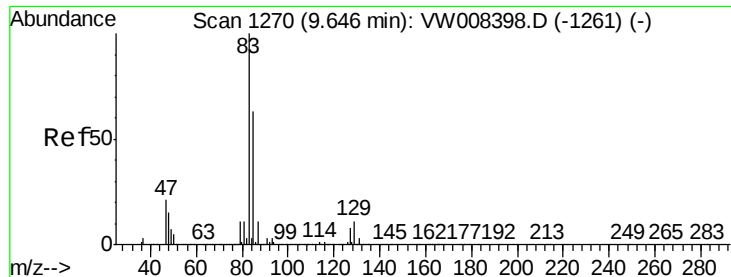
Ion Ratio Lower Upper

93 100

95 82.9 65.9 98.9

174 107.5 81.0 121.6





#47

Bromodichloromethane

Concen: 56.788 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008533.D

Acq: 06 Feb 2019 17:40

Instrument :

MSVOA_W

ClientSampleId :

98-SB-01-2-4MSD

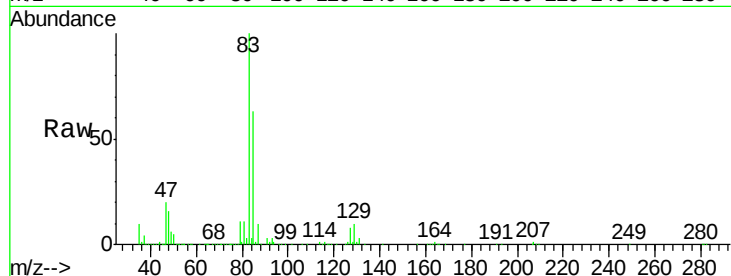
Tot Ion: 83 Resp: 362344

Ion Ratio Lower Upper

83 100

85 63.2 50.8 76.2

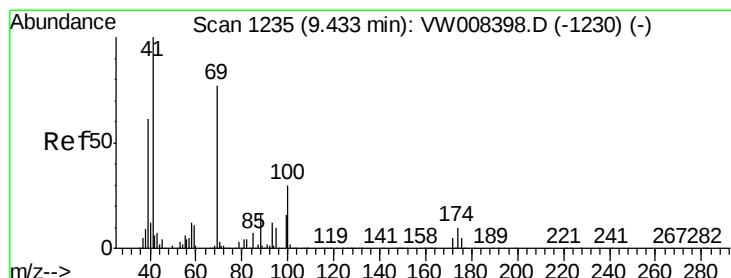
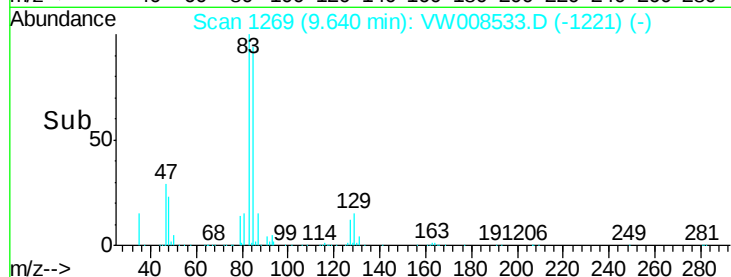
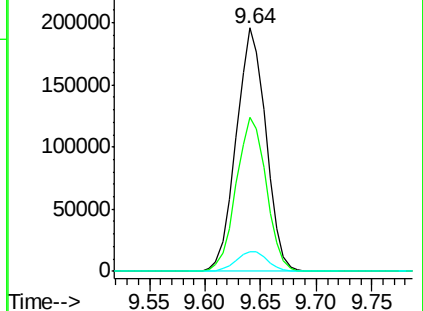
127 8.3 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 80.517 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW008533.D

Acq: 06 Feb 2019 17:40

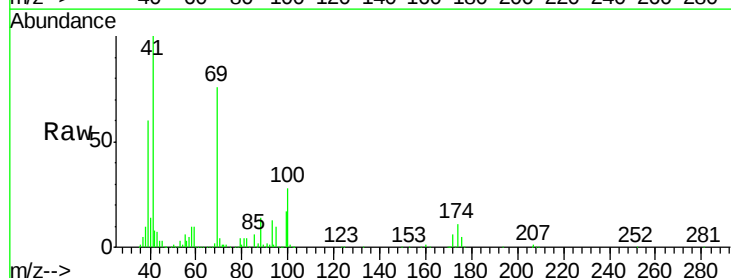
Tgt Ion: 41 Resp: 245307

Ion Ratio Lower Upper

41 100

69 77.3 64.8 97.2

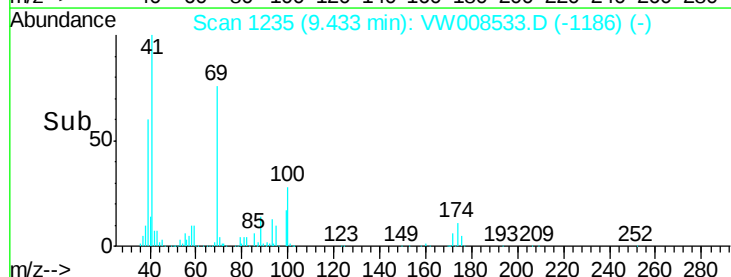
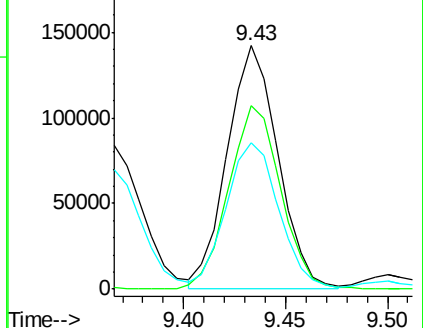
39 62.5 49.1 73.7

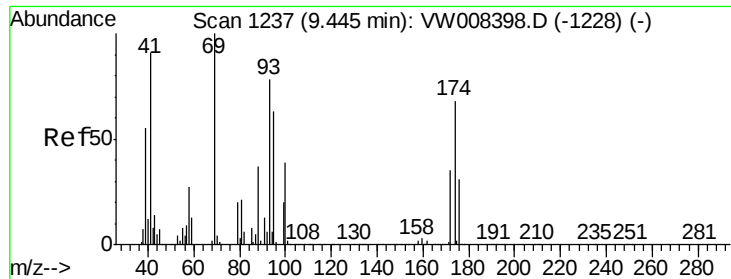


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

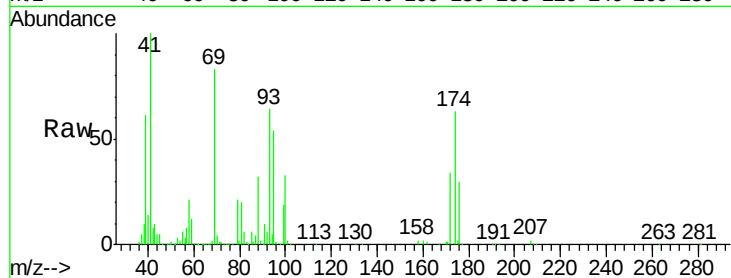




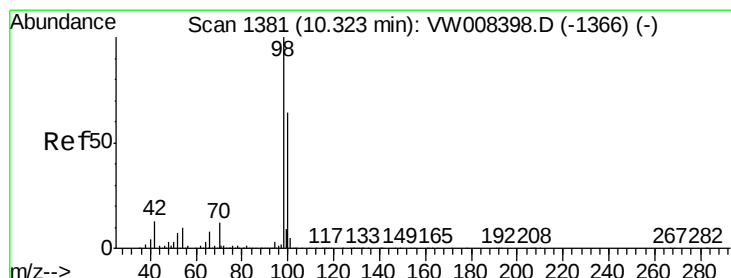
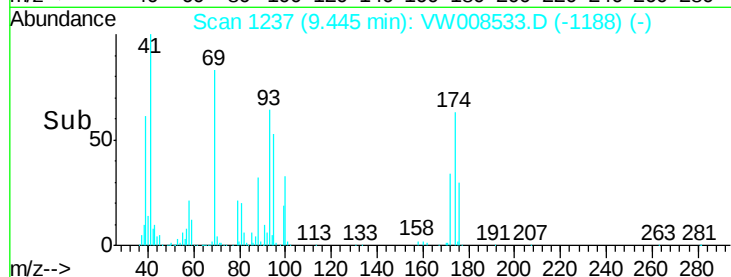
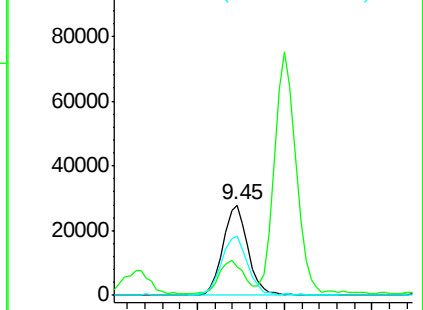
#49
1,4-Dioxane
Concen: 1352.817 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW008533.D
Acq: 06 Feb 2019 17:40

Instrument :
MSVOA_W
ClientSampleId :
98-SB-01-2-4MSD

Tot Ion: 88 Resp: 55162
Ion Ratio Lower Upper
88 100
43 38.3 29.0 43.4
58 68.6 56.4 84.6

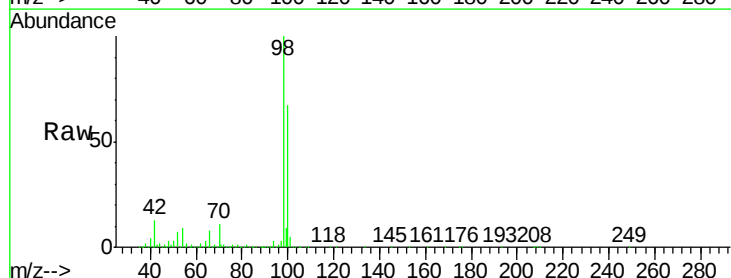


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

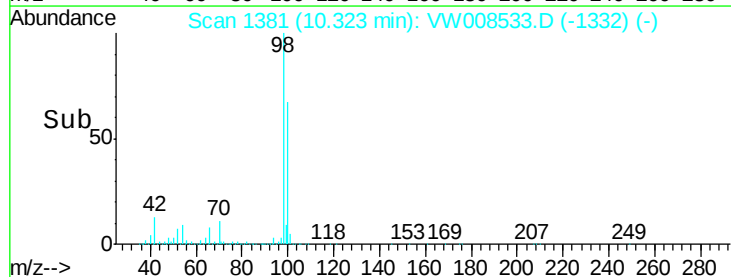
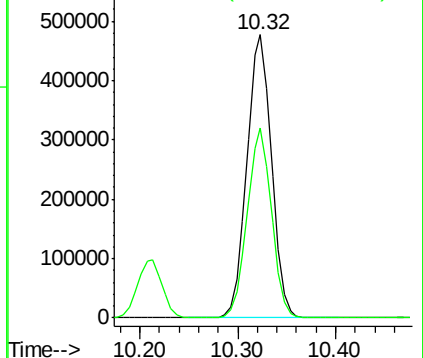


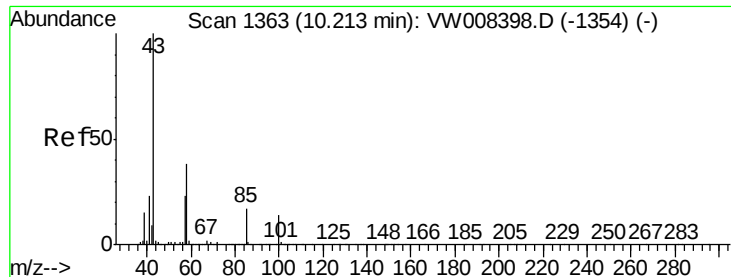
#50
Toluene-d8
Concen: 49.350 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008533.D
Acq: 06 Feb 2019 17:40

Tgt Ion: 98 Resp: 830415
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



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: 359.483 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.01 min

Lab File: VW008533.D

Acq: 06 Feb 2019 17:40

Instrument :

MSVOA_W

ClientSampleId :

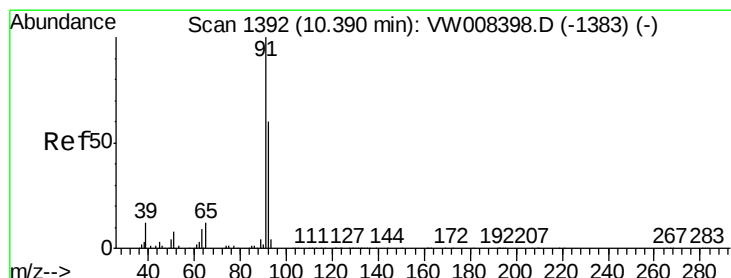
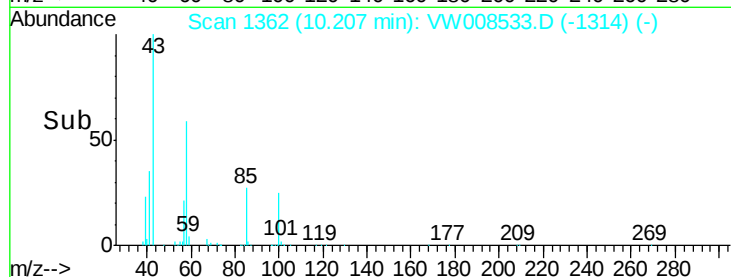
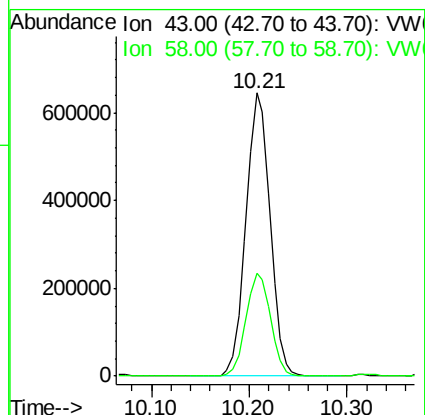
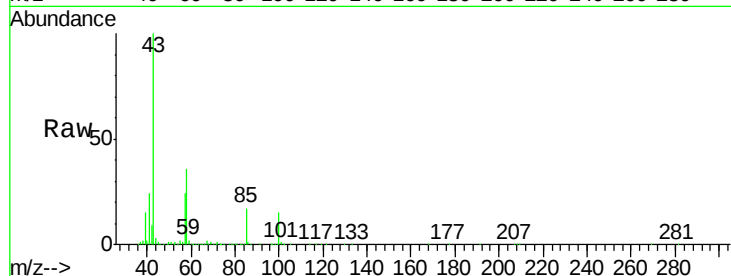
98-SB-01-2-4MSD

Tot Ion: 43 Resp: 1106568

Ion Ratio Lower Upper

43 100

58 36.9 29.7 44.5



#52

Toluene

Concen: 48.420 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008533.D

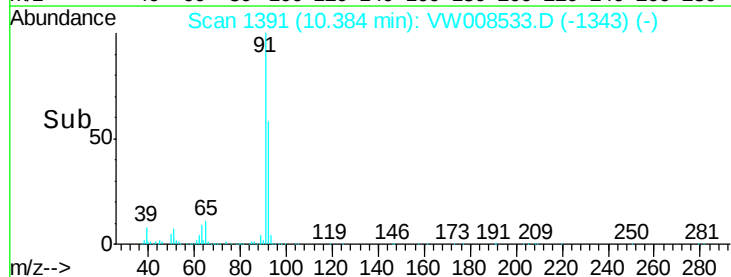
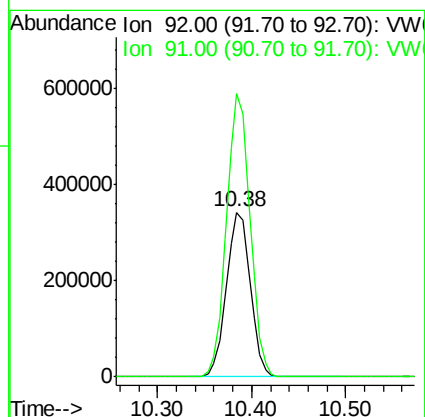
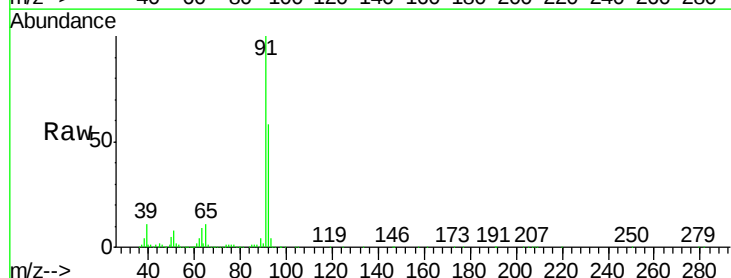
Acq: 06 Feb 2019 17:40

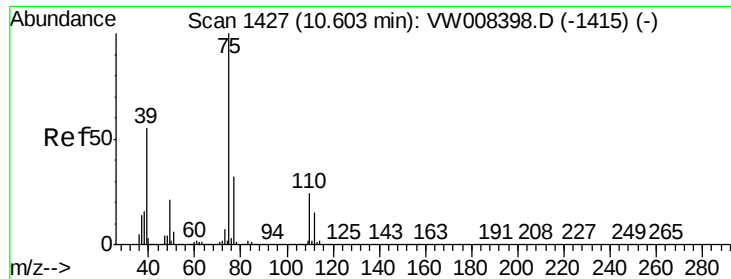
Tgt Ion: 92 Resp: 601235

Ion Ratio Lower Upper

92 100

91 169.4 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 51.125 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008533.D

Acq: 06 Feb 2019 17:40

Instrument :

MSVOA_W

ClientSampleId :

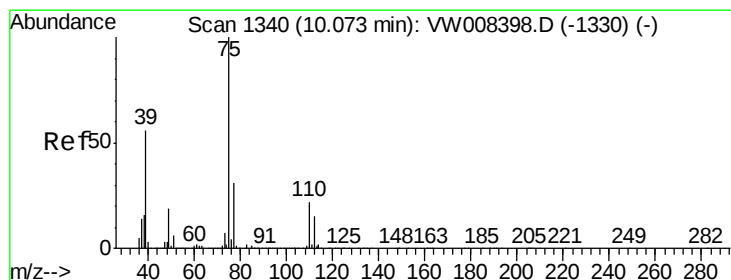
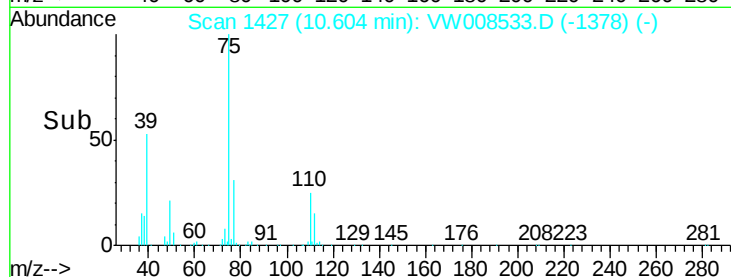
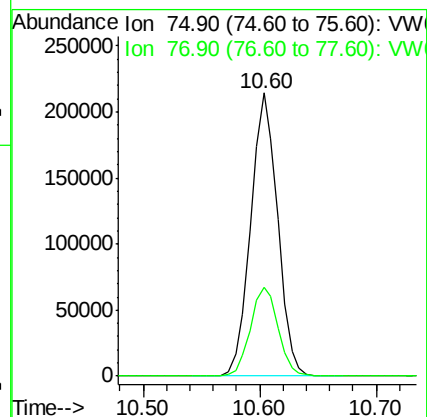
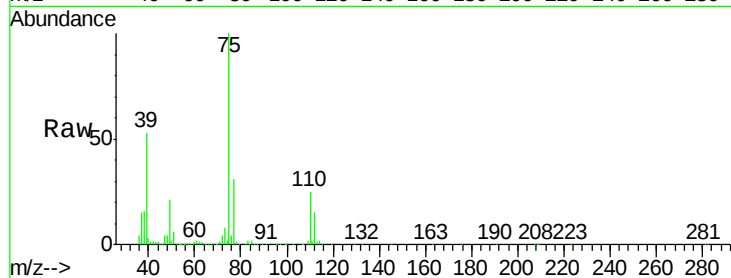
98-SB-01-2-4MSD

Tot Ion: 75 Resp: 347114

Ion Ratio Lower Upper

75 100

77 31.4 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 51.490 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008533.D

Acq: 06 Feb 2019 17:40

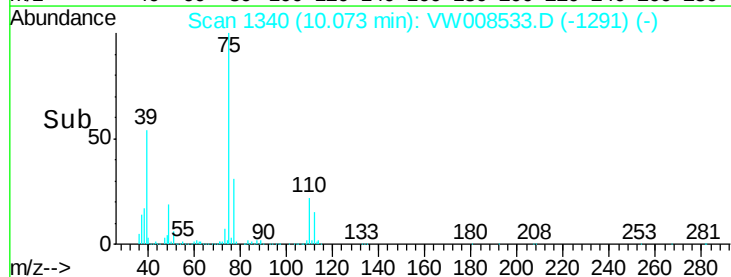
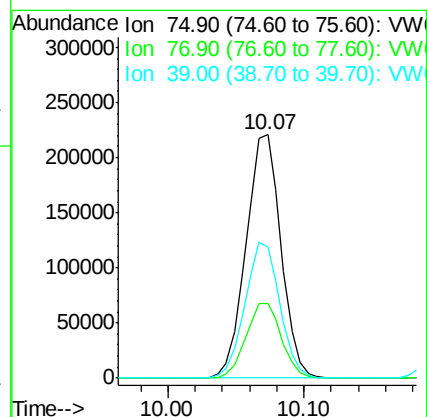
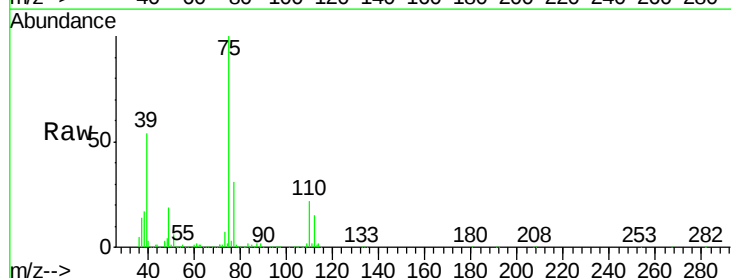
Tgt Ion: 75 Resp: 396731

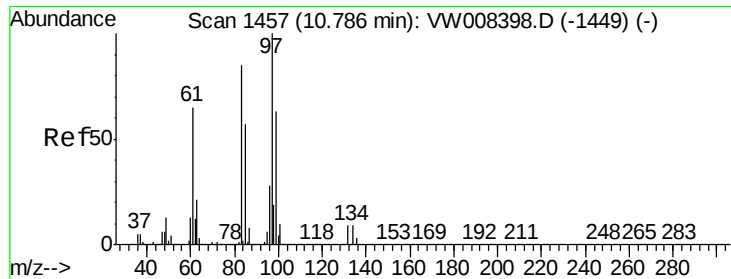
Ion Ratio Lower Upper

75 100

77 30.6 25.0 37.4

39 53.7 44.9 67.3

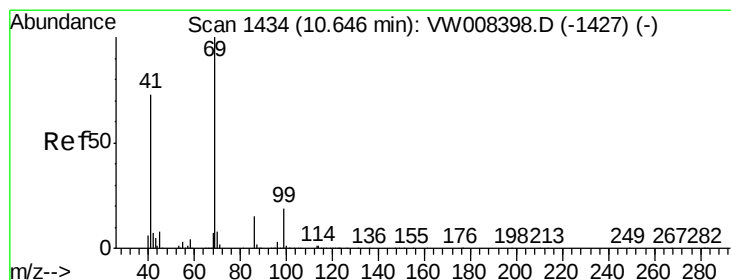
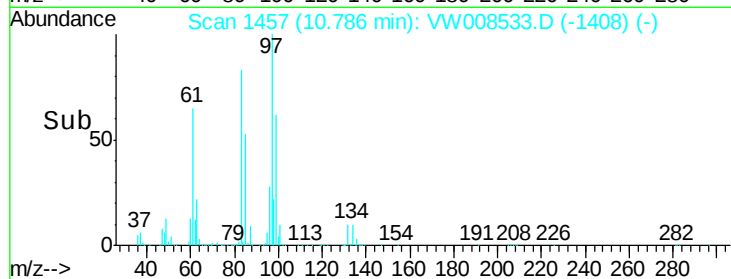
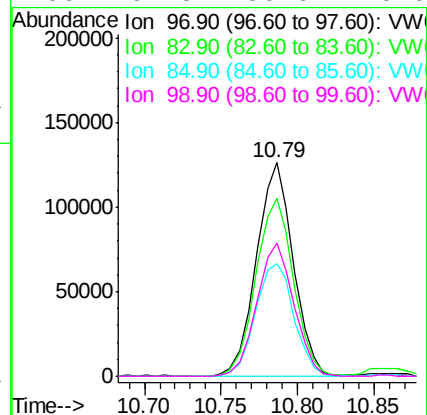
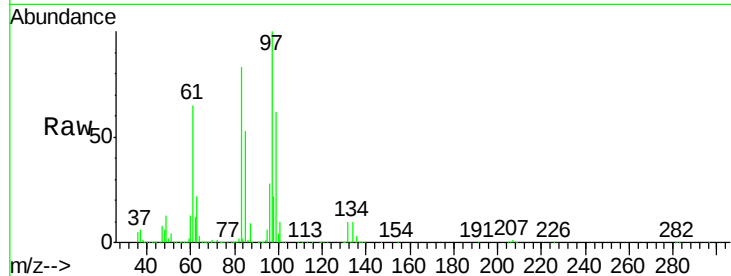




#55
 1,1,2-Trichloroethane
 Concen: 62.698 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008533.D
 Acq: 06 Feb 2019 17:40

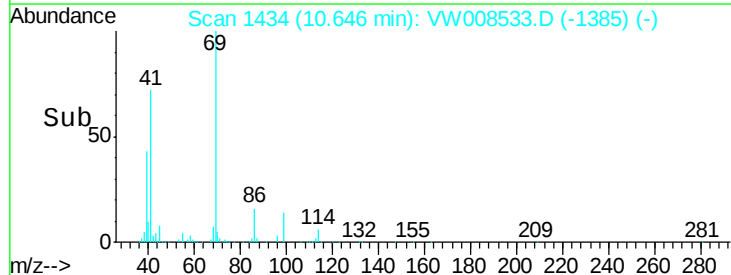
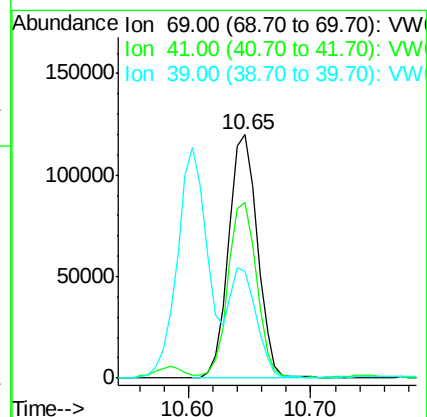
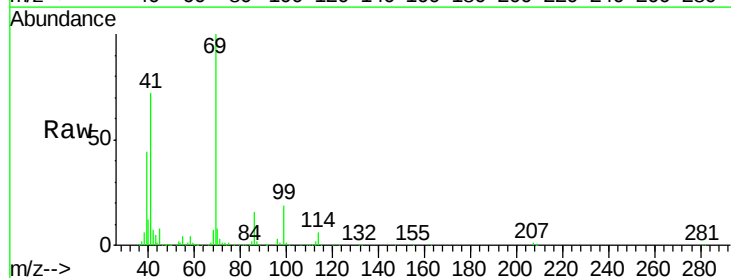
Instrument :
 MSVOA_W
 ClientSampleId :
 98-SB-01-2-4MSD

Tot Ion:	97	Resp:	209789
Ion	Ratio	Lower	Upper
97	100		
83	83.5	68.4	102.6
85	52.6	45.3	67.9
99	62.3	50.6	76.0



#56
 Ethyl methacrylate
 Concen: 41.614 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008533.D
 Acq: 06 Feb 2019 17:40

Tgt Ion:	69	Resp:	195106
Ion	Ratio	Lower	Upper
69	100		
41	71.0	58.7	88.1
39	41.0	32.6	48.8

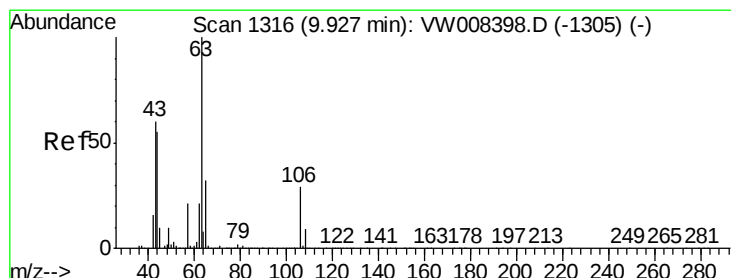
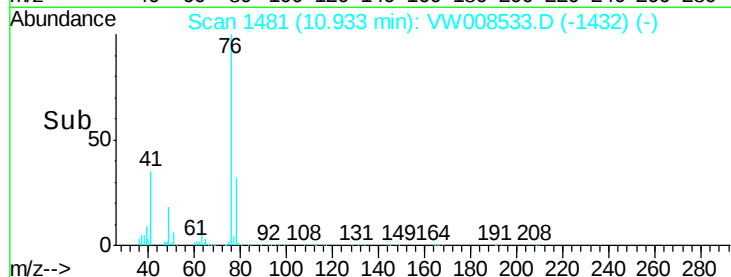
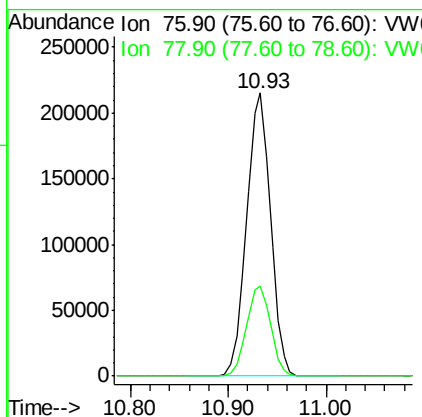
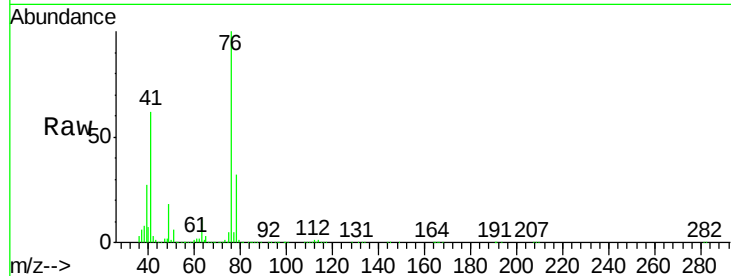




#57
 1,3-Dichloropropane
 Concen: 61.066 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008533.D
 Acq: 06 Feb 2019 17:40

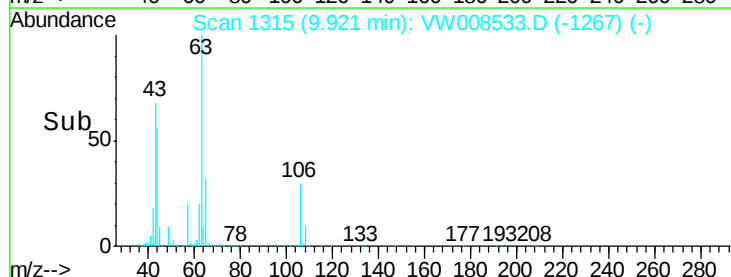
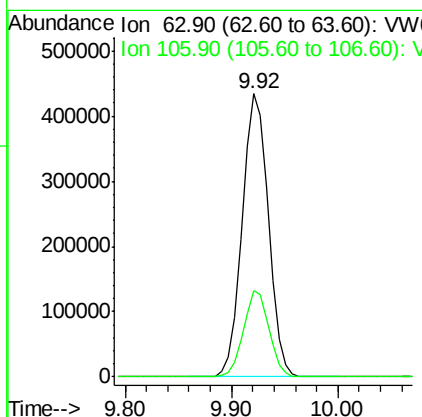
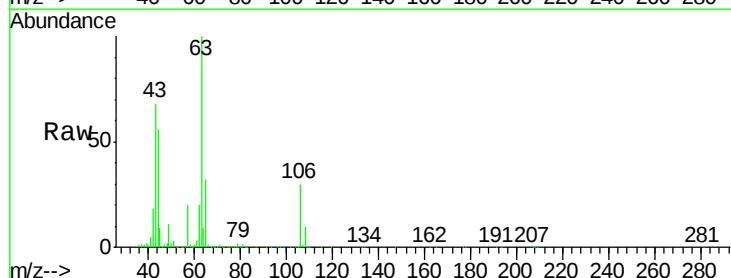
Instrument :
 MSVOA_W
 ClientSampleId :
 98-SB-01-2-4MSD

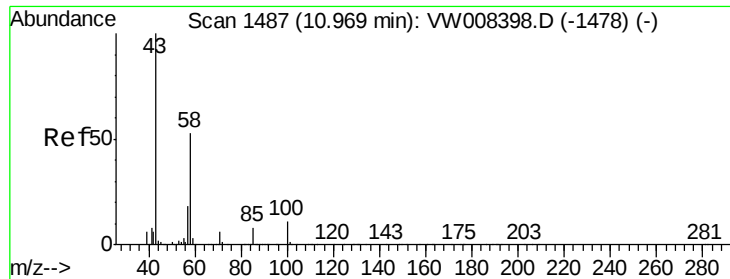
Tot Ion: 76 Resp: 366056
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 329.878 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW008533.D
 Acq: 06 Feb 2019 17:40

Tgt Ion: 63 Resp: 751465
 Ion Ratio Lower Upper
 63 100
 106 29.7 22.4 33.6

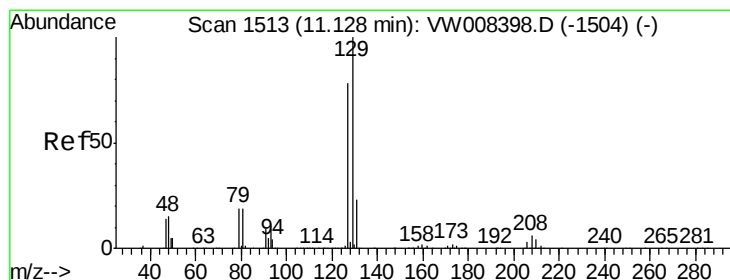
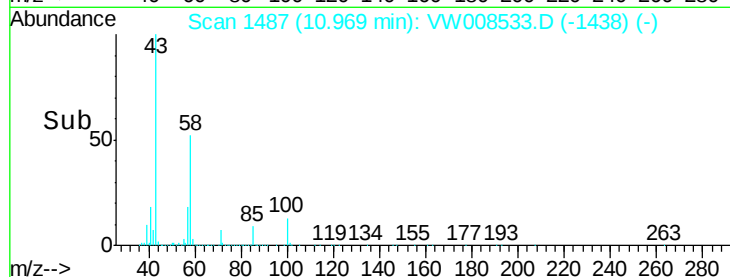
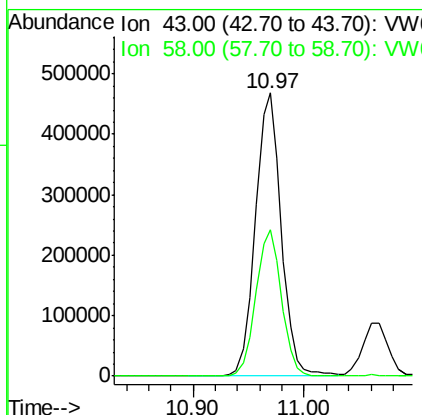
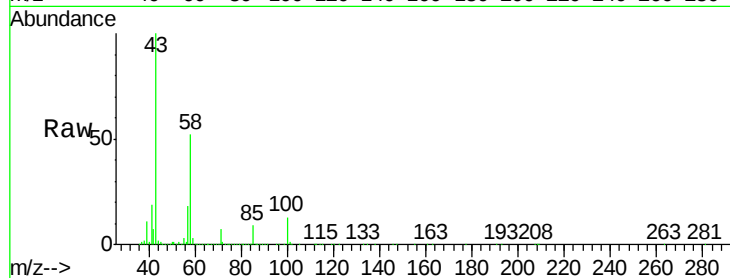




#59
2-Hexanone
Concen: 347.663 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008533.D
Acq: 06 Feb 2019 17:40

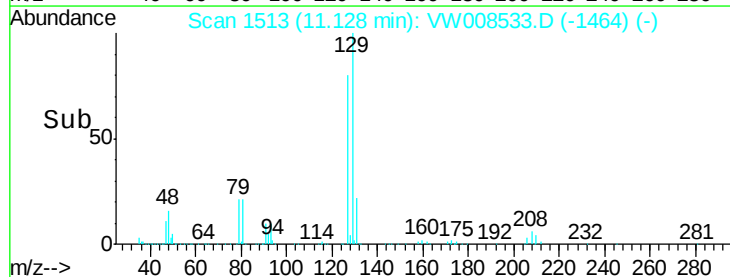
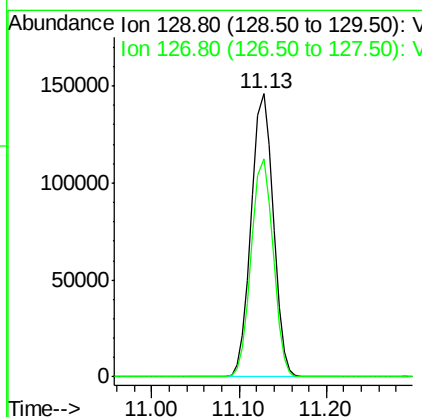
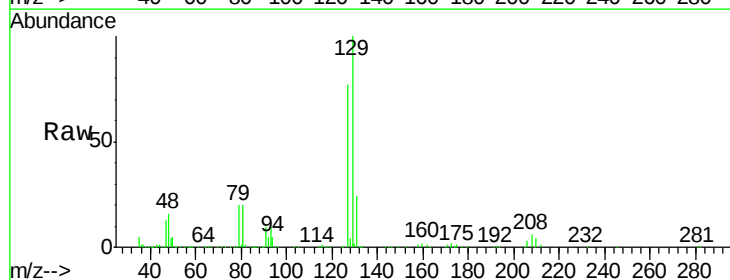
Instrument :
MSVOA_W
ClientSampleId :
98-SB-01-2-4MSD

Tot Ion: 43 Resp: 755505
Ion Ratio Lower Upper
43 100
58 51.3 25.9 77.7



#60
Dibromochloromethane
Concen: 59.966 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008533.D
Acq: 06 Feb 2019 17:40

Tgt Ion: 129 Resp: 257850
Ion Ratio Lower Upper
129 100
127 76.2 39.1 117.2

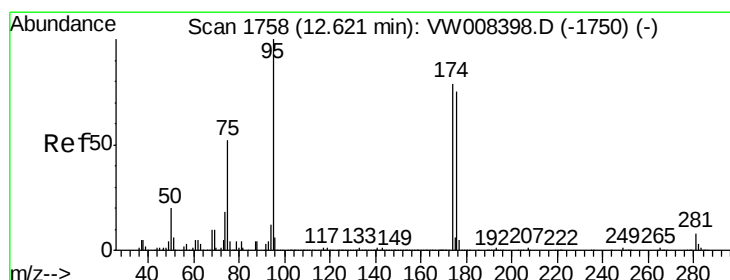
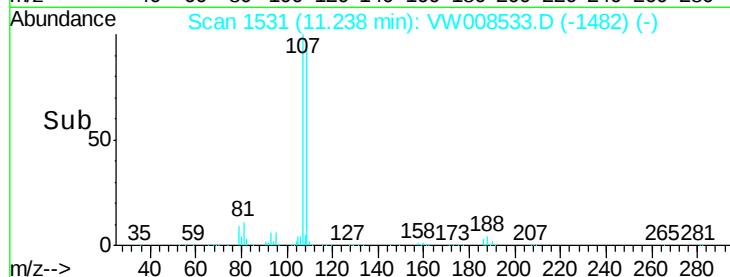
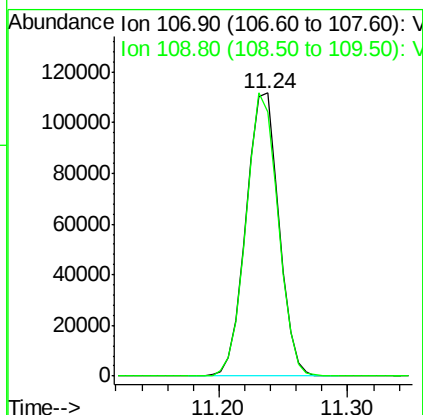
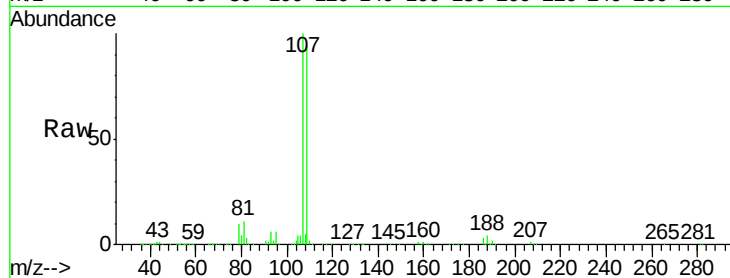




#61
 1,2-Dibromoethane
 Concen: 59.016 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW008533.D
 Acq: 06 Feb 2019 17:40

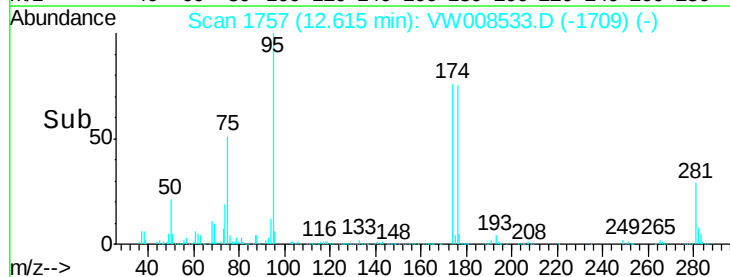
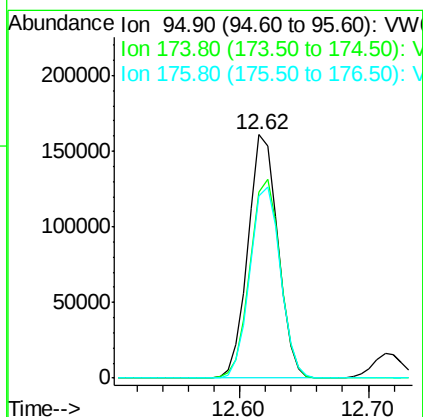
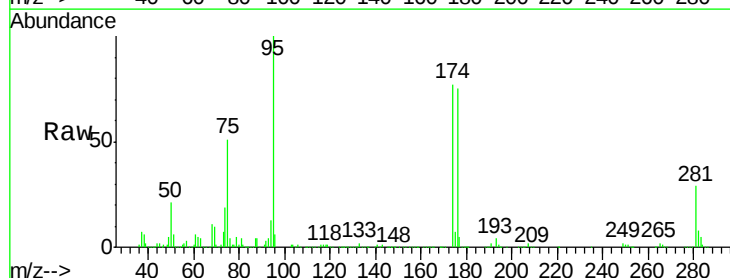
Instrument :
 MSVOA_W
 ClientSampleId :
 98-SB-01-2-4MSD

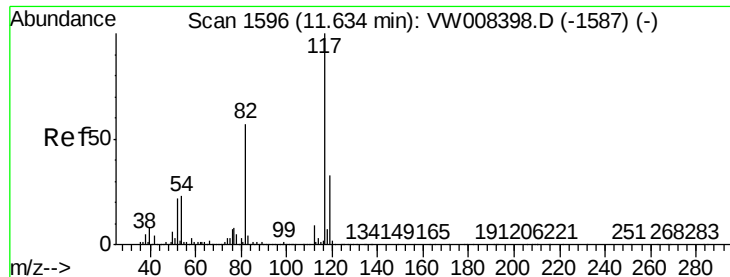
Tot Ion: 107 Resp: 195798
 Ion Ratio Lower Upper
 107 100
 109 97.6 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 39.819 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VW008533.D
 Acq: 06 Feb 2019 17:40

Tgt Ion: 95 Resp: 257552
 Ion Ratio Lower Upper
 95 100
 174 82.5 0.0 157.6
 176 79.9 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW008533.D

Acq: 06 Feb 2019 17:40

Instrument :

MSVOA_W

ClientSampleId :

98-SB-01-2-4MSD

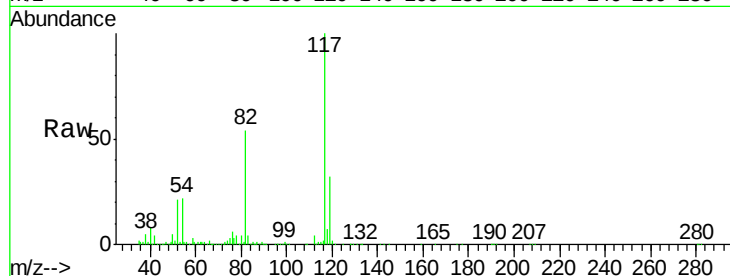
Tot Ion:117 Resp: 592486

Ion Ratio Lower Upper

117 100

82 54.4 45.4 68.0

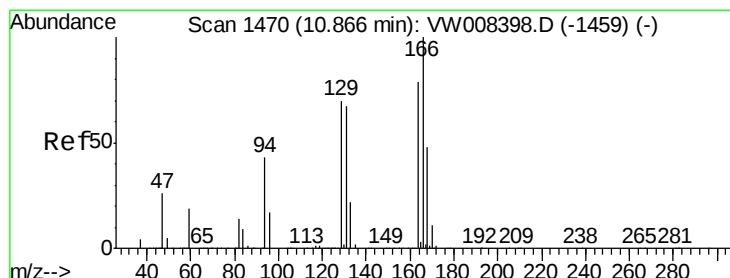
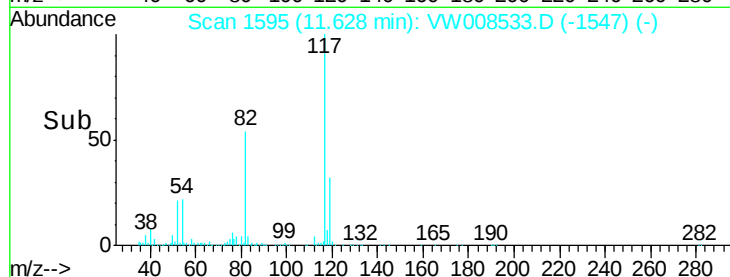
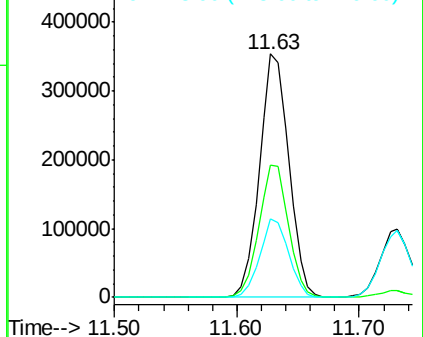
119 32.0 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 90.606 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VW008533.D

Acq: 06 Feb 2019 17:40

Tgt Ion:164 Resp: 363467

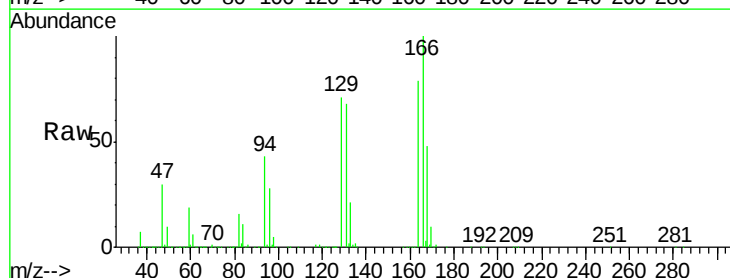
Ion Ratio Lower Upper

164 100

166 127.3 101.4 152.0

129 90.3 71.0 106.6

131 87.0 68.3 102.5

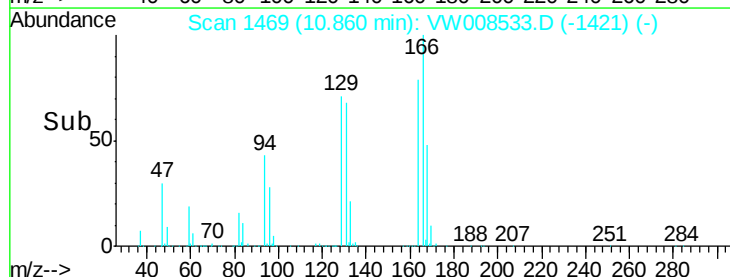
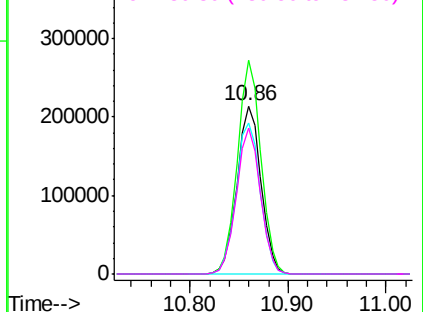


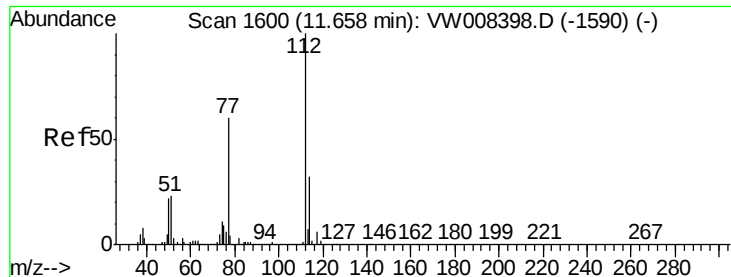
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

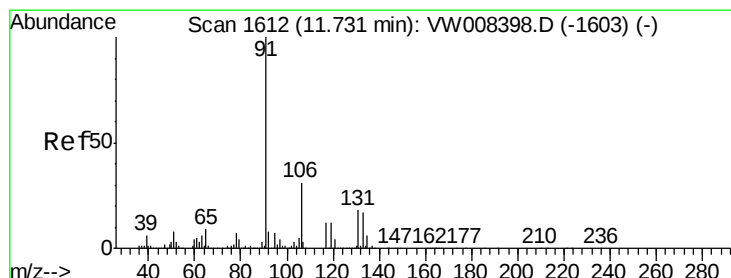
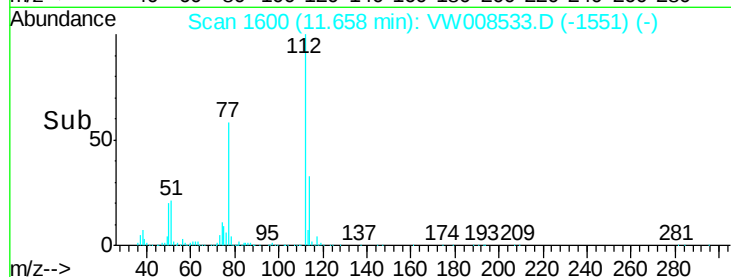
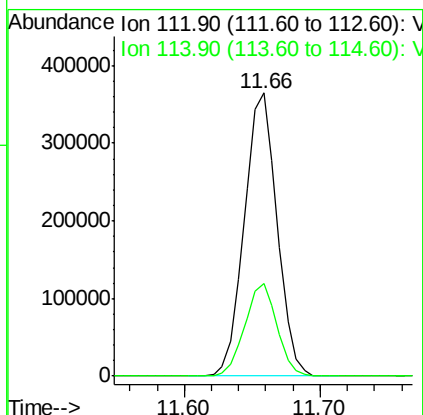
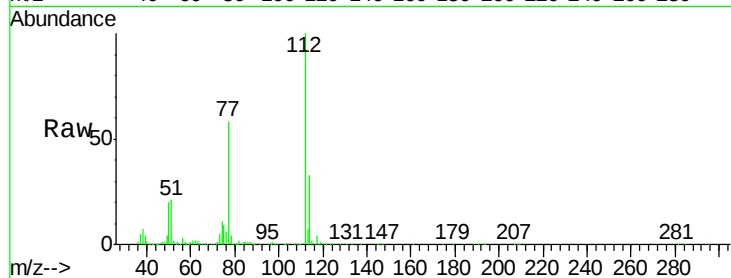




#65
Chlorobenzene
Concen: 50.782 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008533.D
Acq: 06 Feb 2019 17:40

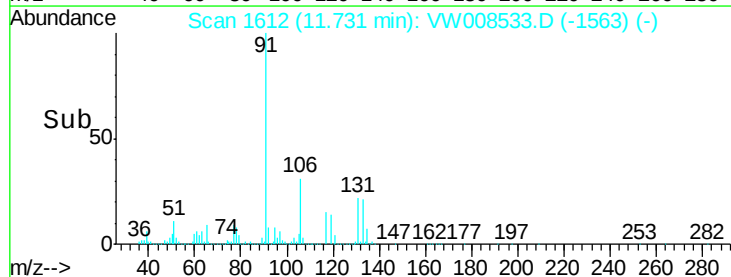
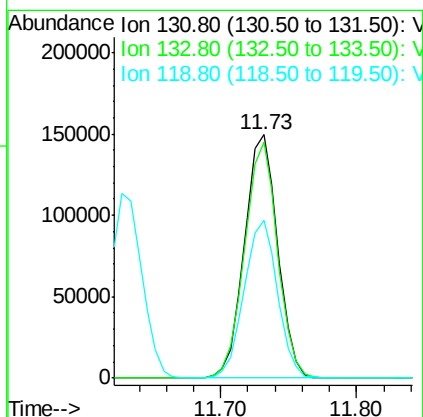
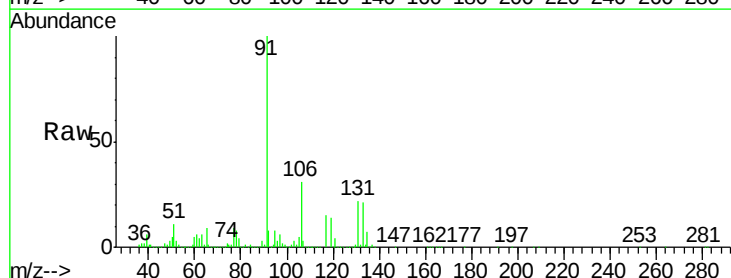
Instrument :
MSVOA_W
ClientSampleId :
98-SB-01-2-4MSD

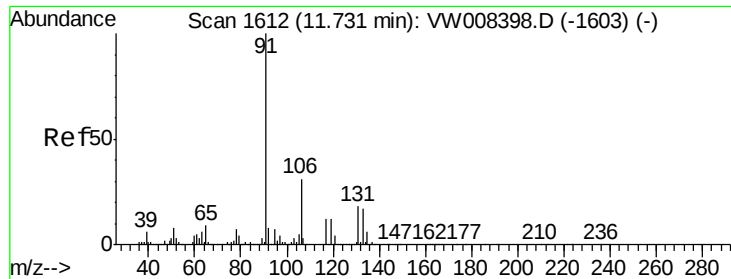
Tot Ion:112 Resp: 614194
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 59.073 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008533.D
Acq: 06 Feb 2019 17:40

Tgt Ion:131 Resp: 255623
Ion Ratio Lower Upper
131 100
133 96.3 47.0 141.2
119 65.1 32.1 96.3

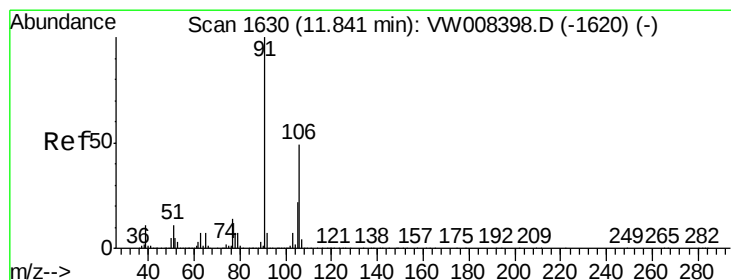
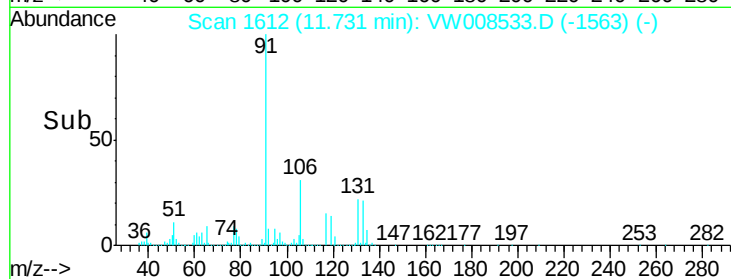
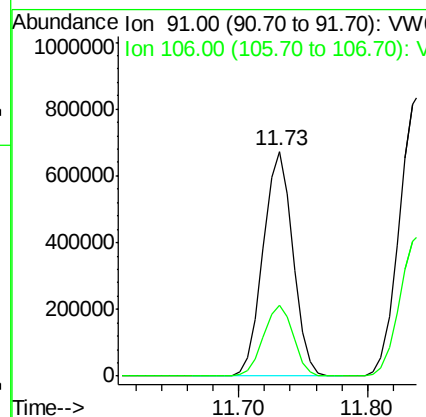
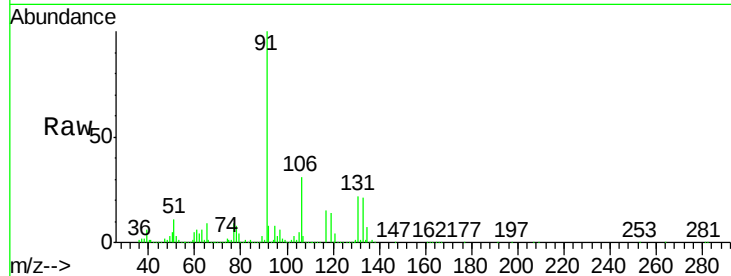




#67
Ethyl Benzene
Concen: 48.495 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008533.D
Acq: 06 Feb 2019 17:40

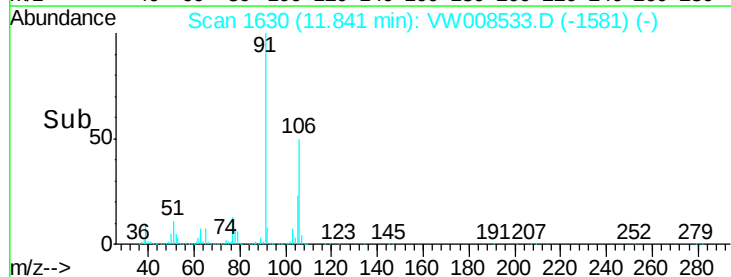
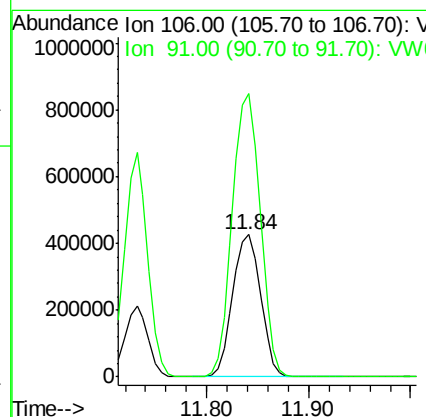
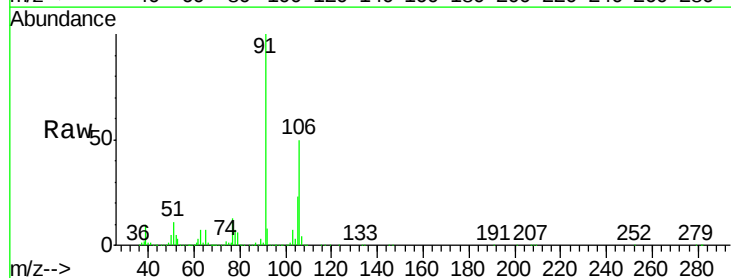
Instrument :
MSVOA_W
ClientSampleId :
98-SB-01-2-4MSD

Tot Ion: 91 Resp: 1078149
Ion Ratio Lower Upper
91 100
106 31.3 24.7 37.1



#68
m/p-Xylenes
Concen: 94.077 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008533.D
Acq: 06 Feb 2019 17:40

Tgt Ion: 106 Resp: 811505
Ion Ratio Lower Upper
106 100
91 199.1 162.9 244.3

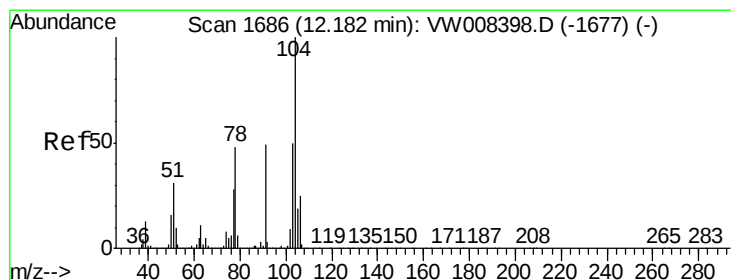
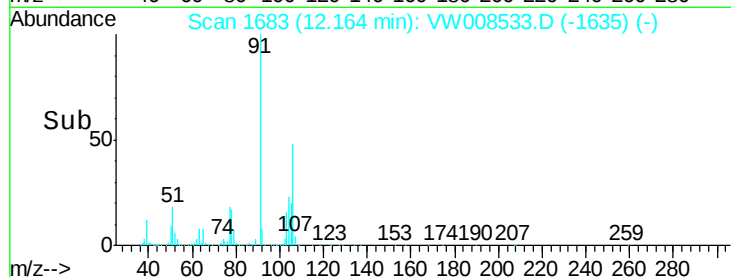
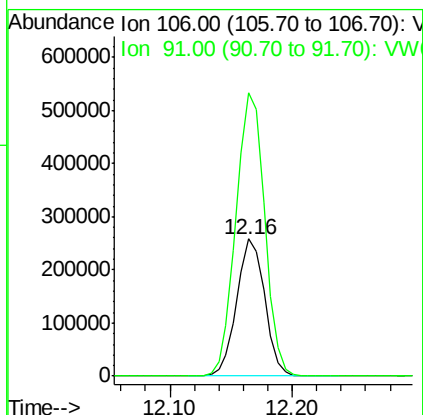
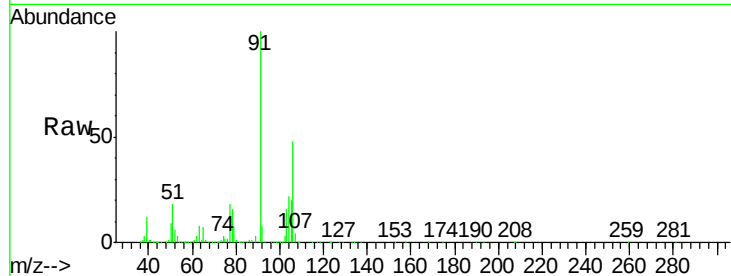




#69
o-Xylene
Concen: 50.043 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008533.D
Acq: 06 Feb 2019 17:40

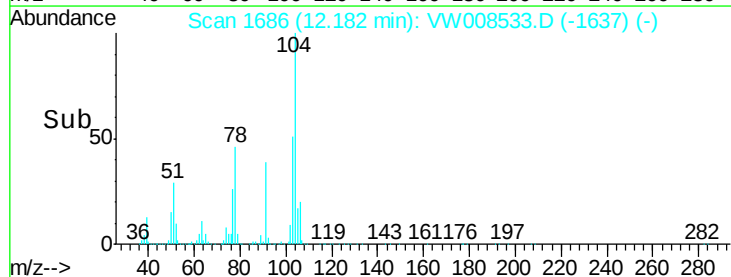
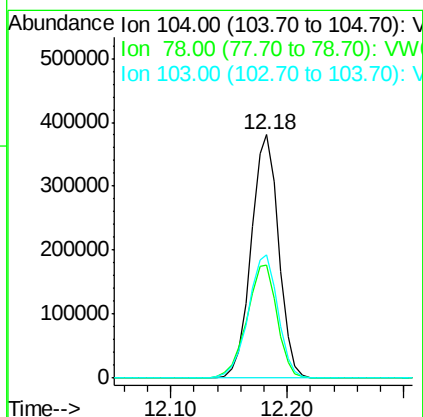
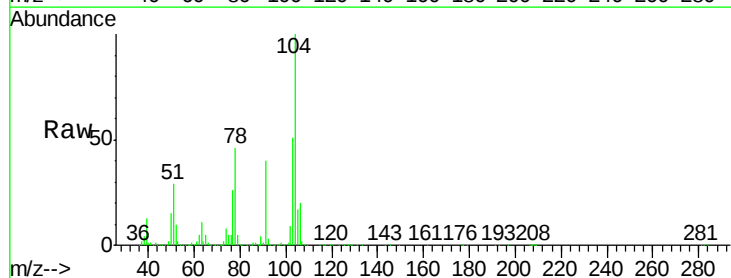
Instrument :
MSVOA_W
ClientSampleId :
98-SB-01-2-4MSD

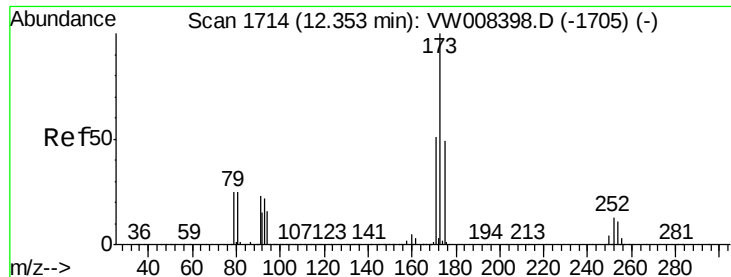
Tot Ion:106 Resp: 410153
Ion Ratio Lower Upper
106 100
91 211.1 107.5 322.4



#70
Styrene
Concen: 46.125 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008533.D
Acq: 06 Feb 2019 17:40

Tgt Ion:104 Resp: 624448
Ion Ratio Lower Upper
104 100
78 51.2 42.4 63.6
103 55.0 43.4 65.0





#71

Bromoform

Concen: 65.420 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW008533.D

Acq: 06 Feb 2019 17:40

Instrument :

MSVOA_W

ClientSampleId :

98-SB-01-2-4MSD

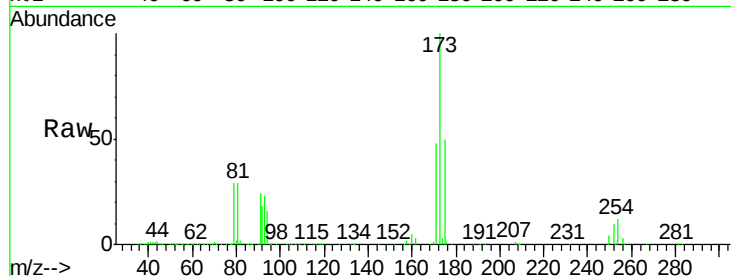
Tot Ion:173 Resp: 159279

Ion Ratio Lower Upper

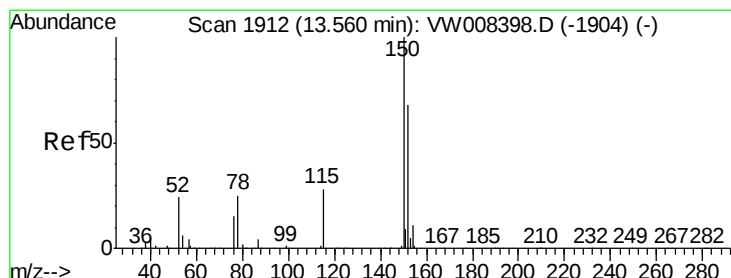
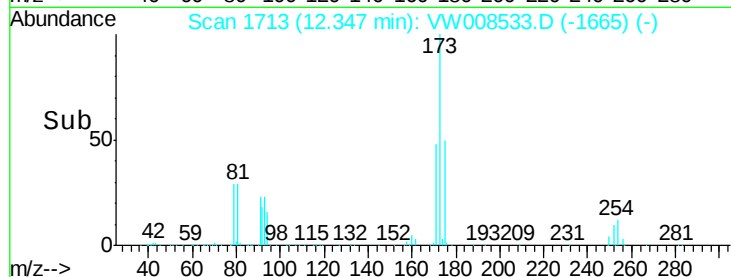
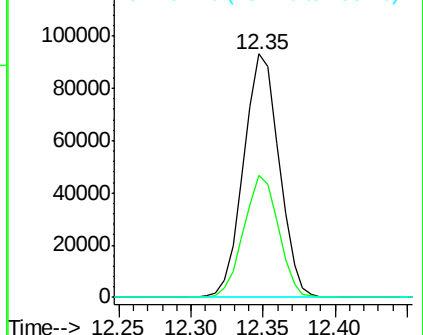
173 100

175 49.1 24.4 73.4

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008533.D

Acq: 06 Feb 2019 17:40

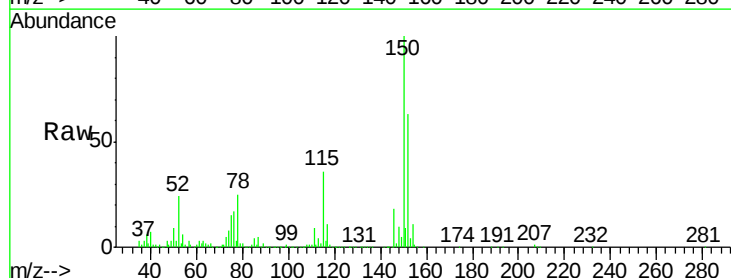
Tgt Ion:152 Resp: 228374

Ion Ratio Lower Upper

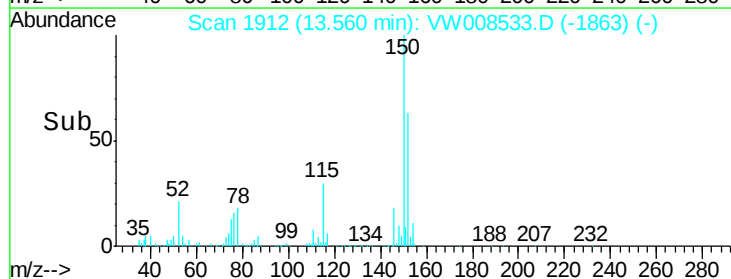
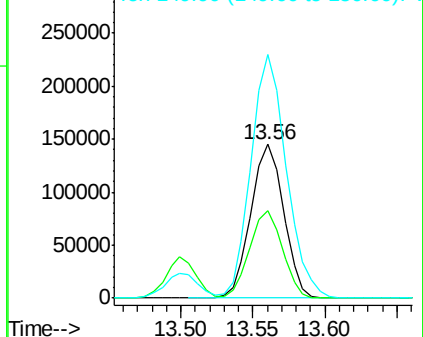
152 100

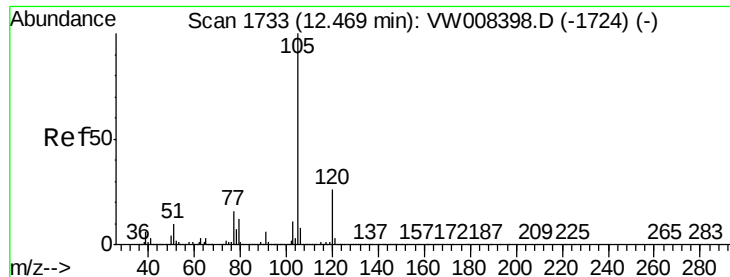
115 57.5 29.9 89.7

150 171.5 0.0 351.4



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





#73

Isopropylbenzene

Concen: 58.771 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW008533.D

Acq: 06 Feb 2019 17:40

Instrument :

MSVOA_W

ClientSampleId :

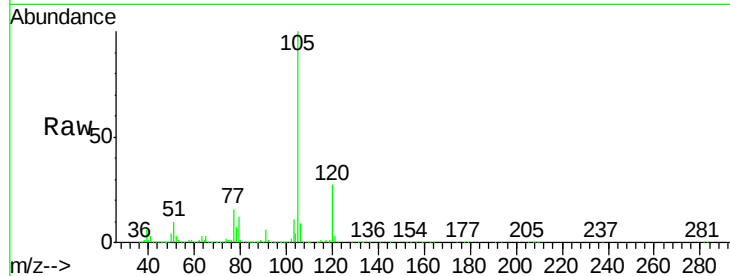
98-SB-01-2-4MSD

Tot Ion:105 Resp: 1000618

Ion Ratio Lower Upper

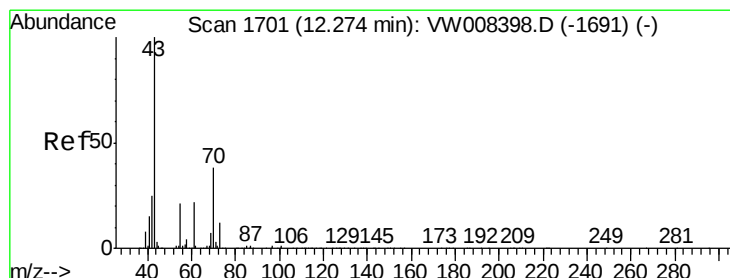
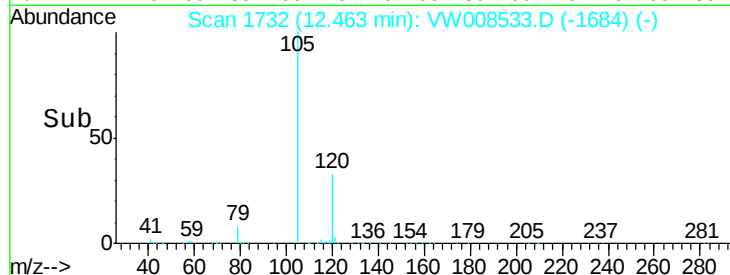
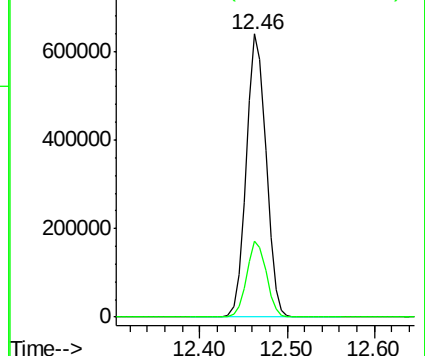
105 100

120 26.6 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 30.960 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008533.D

Acq: 06 Feb 2019 17:40

Tgt Ion: 43 Resp: 135792

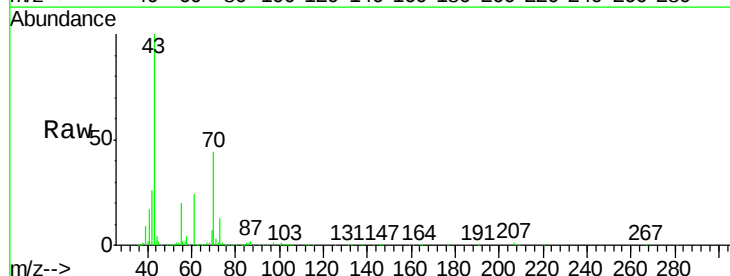
Ion Ratio Lower Upper

43 100

70 41.5 31.0 46.6

55 21.7 17.4 26.2

61 22.4 18.2 27.4

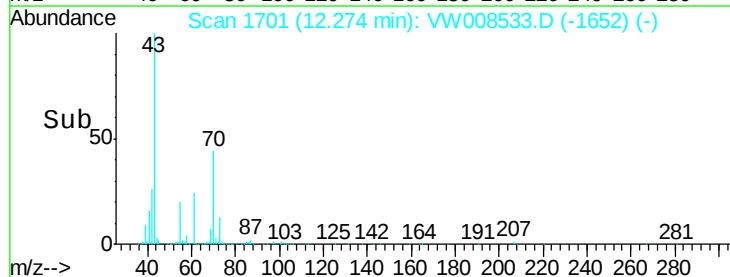
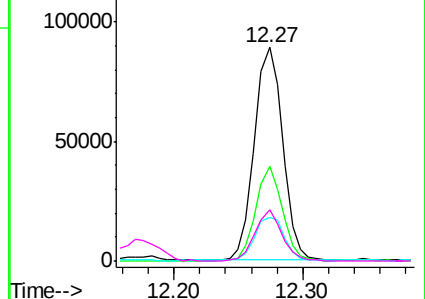


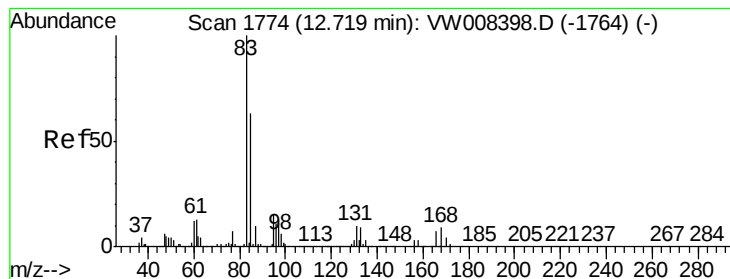
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 53.960 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008533.D

Acq: 06 Feb 2019 17:40

Instrument :

MSVOA_W

ClientSampleId :

98-SB-01-2-4MSD

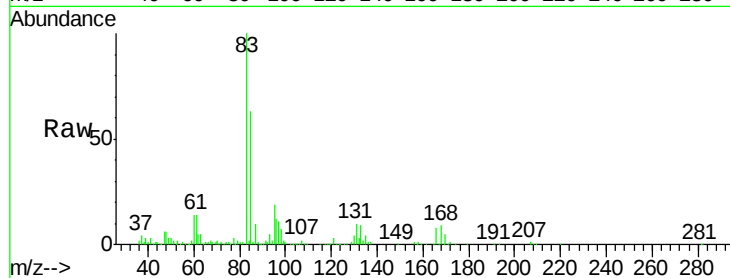
Tot Ion: 83 Resp: 145450

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.4

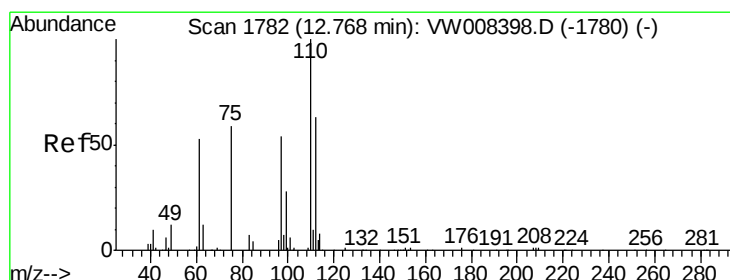
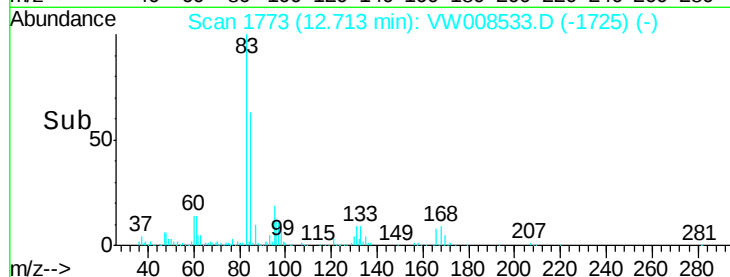
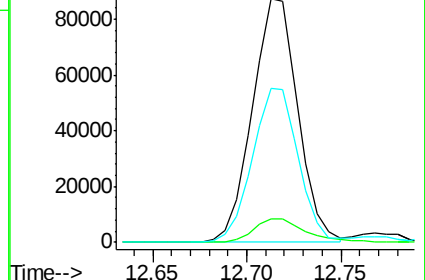
85 64.4 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 90.128 ug/l m

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008533.D

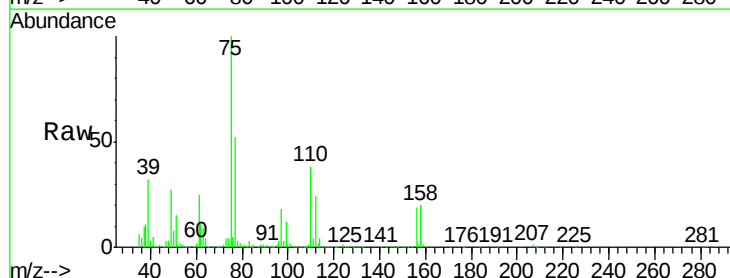
Acq: 06 Feb 2019 17:40

Tgt Ion: 75 Resp: 178954

Ion Ratio Lower Upper

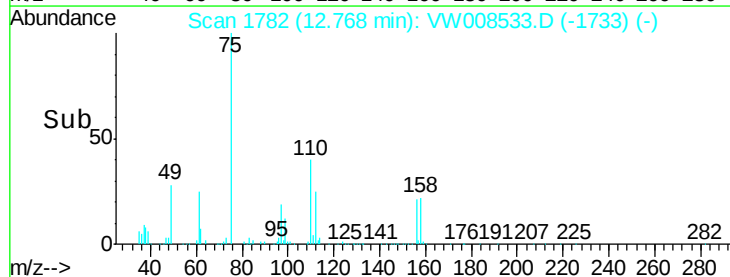
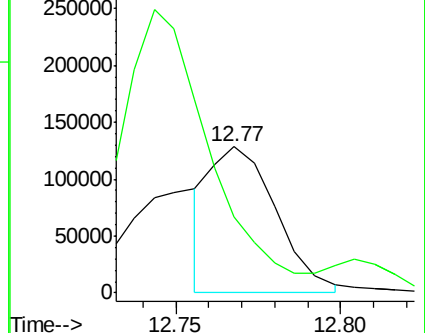
75 100

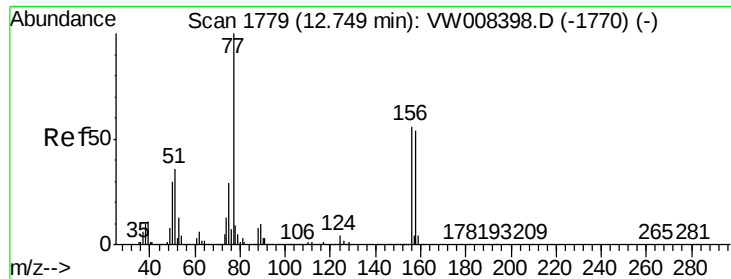
77 0.0 180.7 542.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 64.967 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008533.D

Acq: 06 Feb 2019 17:40

Instrument :

MSVOA_W

ClientSampleId :

98-SB-01-2-4MSD

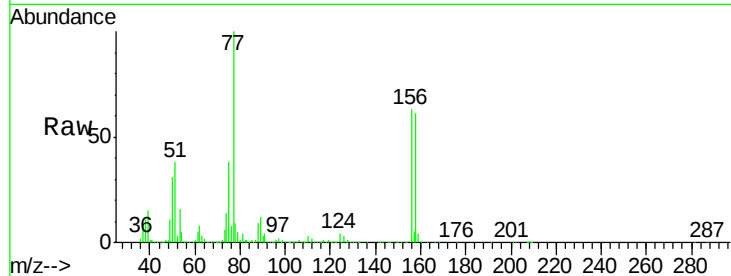
Tot Ion:156 Resp: 241565

Ion Ratio Lower Upper

156 100

77 195.9 96.9 290.7

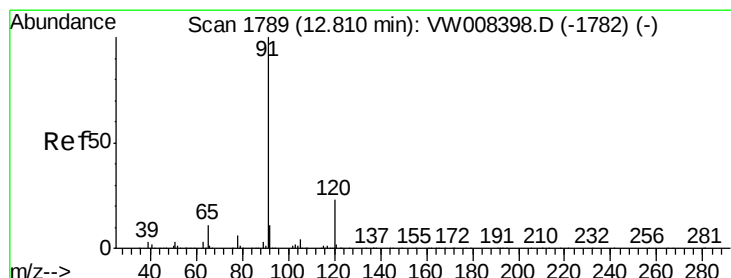
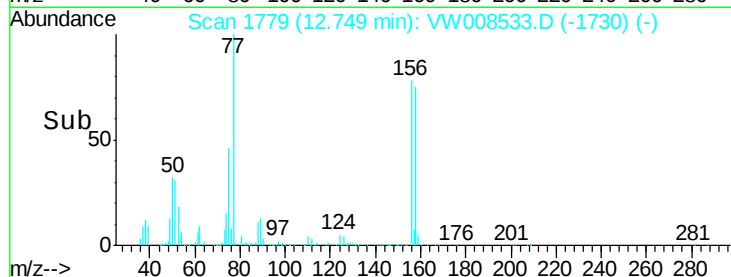
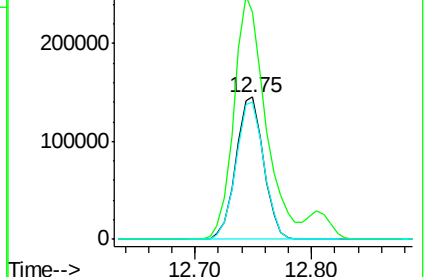
158 97.7 48.8 146.4



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: 51.239 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008533.D

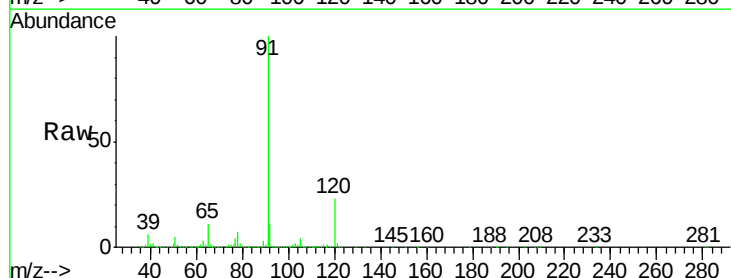
Acq: 06 Feb 2019 17:40

Tgt Ion: 91 Resp: 1047785

Ion Ratio Lower Upper

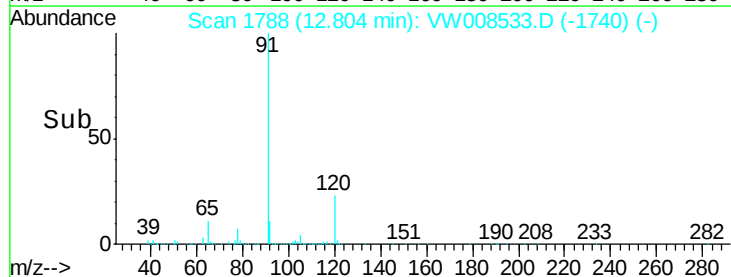
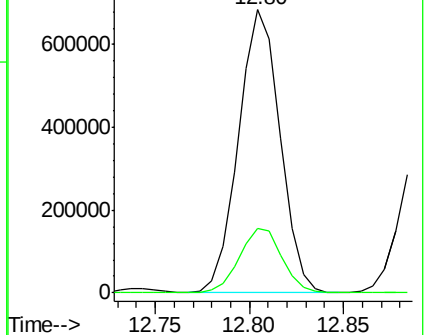
91 100

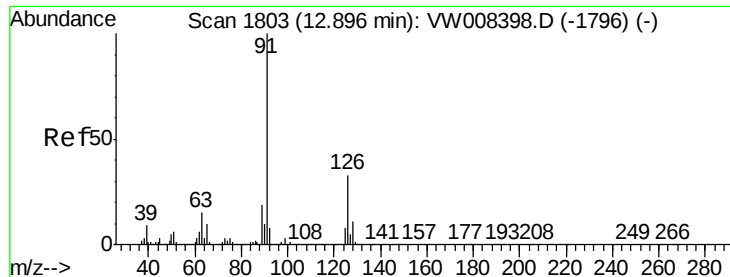
120 23.1 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 56.261 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW008533.D

Acq: 06 Feb 2019 17:40

Instrument :

MSVOA_W

ClientSampleId :

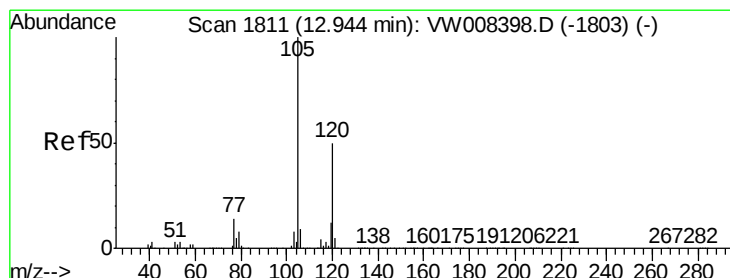
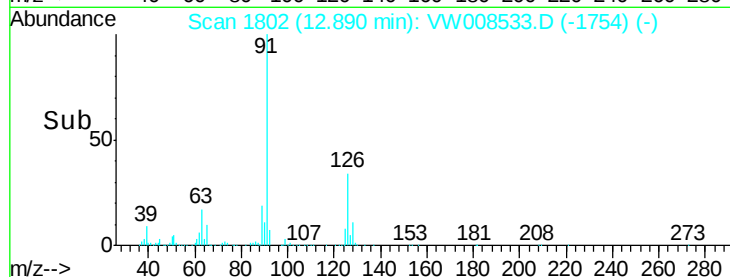
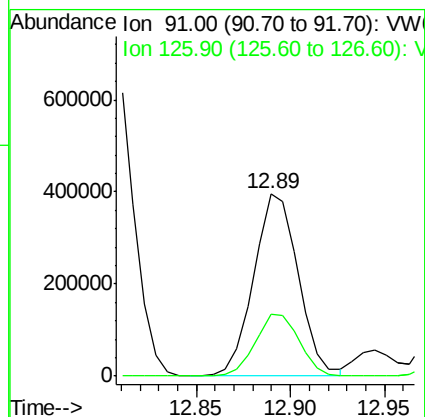
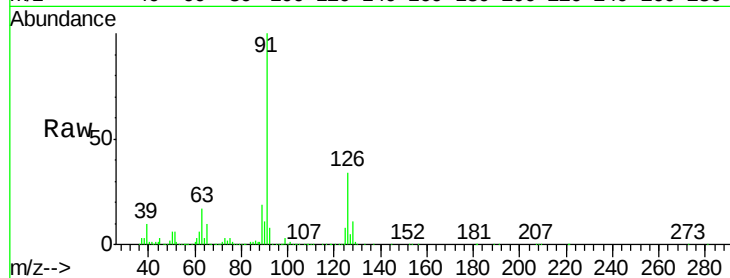
98-SB-01-2-4MSD

Tot Ion: 91 Resp: 649210

Ion Ratio Lower Upper

91 100

126 33.7 16.5 49.5



#80

1,3,5-Trimethylbenzene

Concen: 54.763 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008533.D

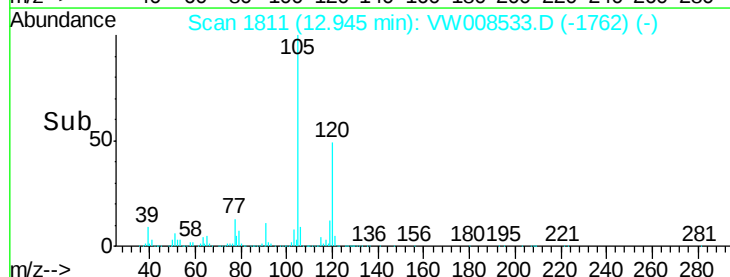
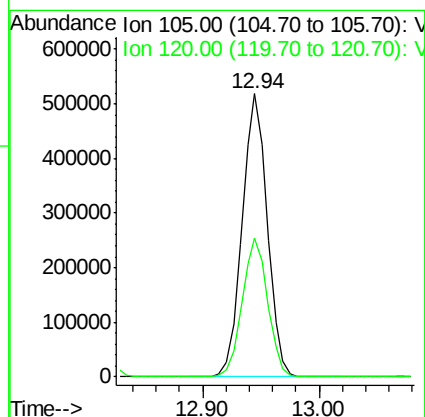
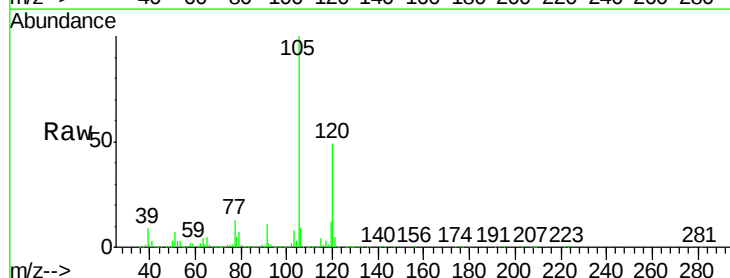
Acq: 06 Feb 2019 17:40

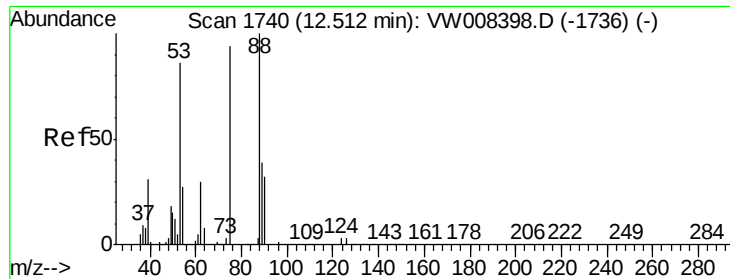
Tgt Ion: 105 Resp: 779315

Ion Ratio Lower Upper

105 100

120 49.5 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 77.022 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW008533.D

Acq: 06 Feb 2019 17:40

Instrument :

MSVOA_W

ClientSampleId :

98-SB-01-2-4MSD

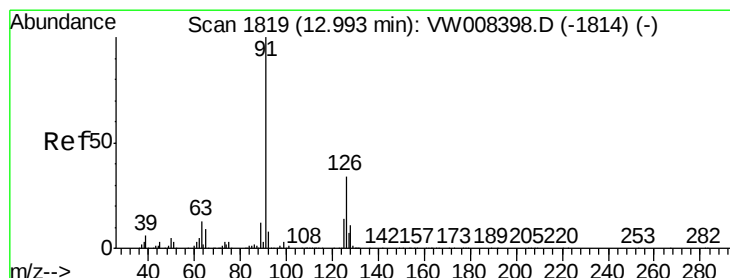
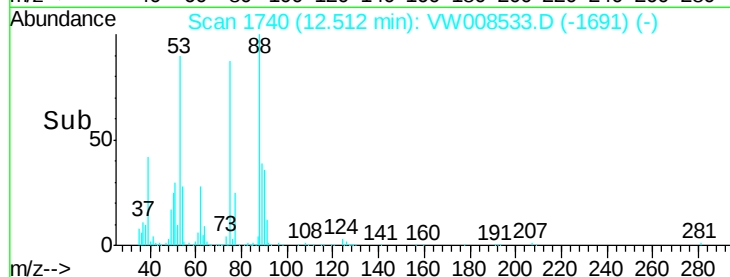
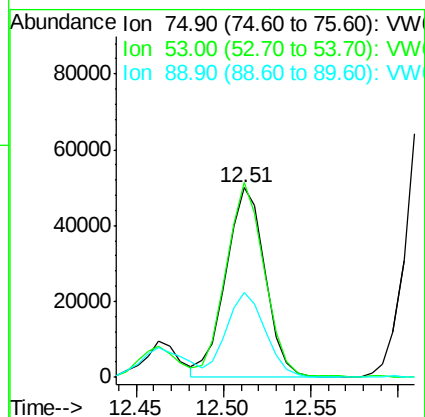
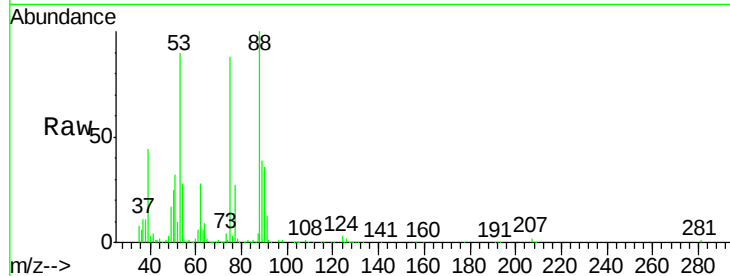
Tot Ion: 75 Resp: 77430

Ion Ratio Lower Upper

75 100

53 101.1 76.0 114.0

89 45.1 35.4 53.0



#82

4-Chlorotoluene

Concen: 50.514 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VW008533.D

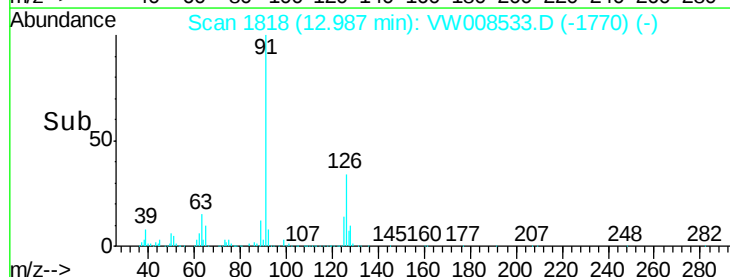
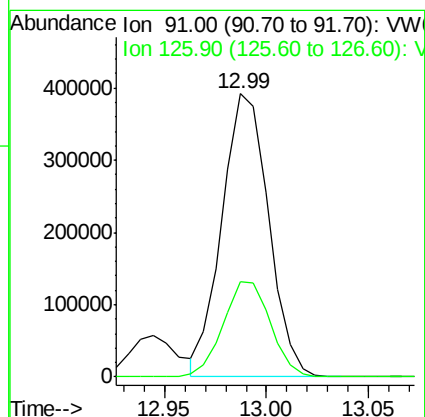
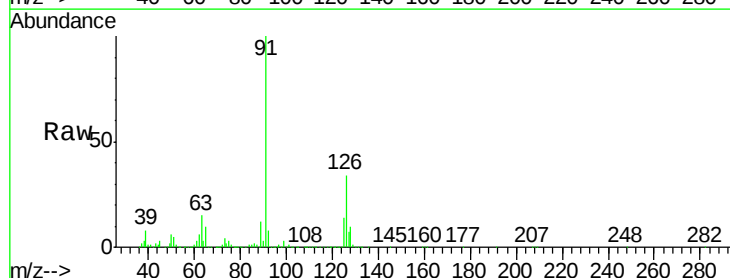
Acq: 06 Feb 2019 17:40

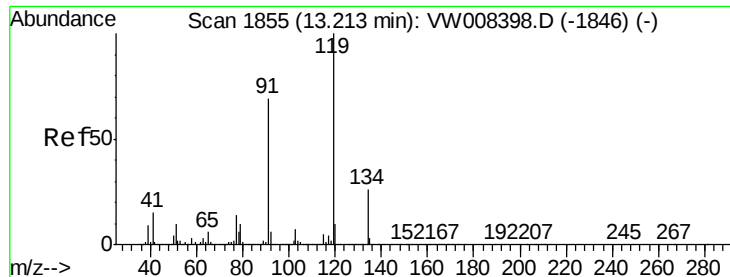
Tgt Ion: 91 Resp: 620592

Ion Ratio Lower Upper

91 100

126 34.4 16.4 49.2

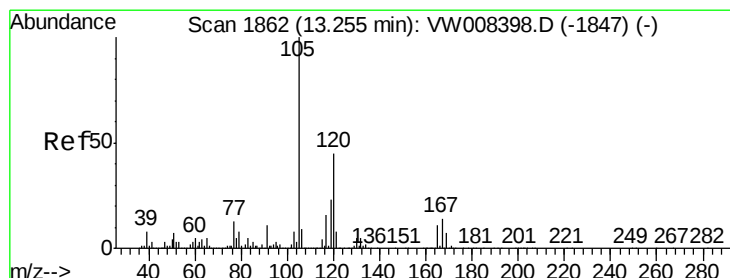
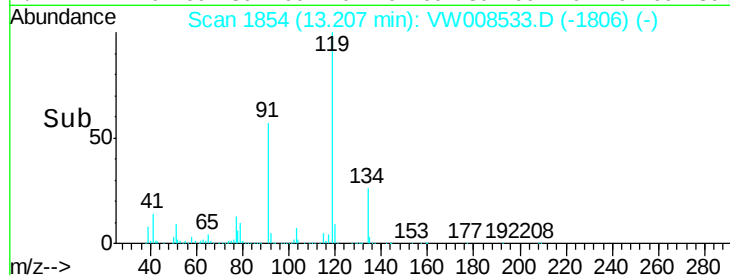
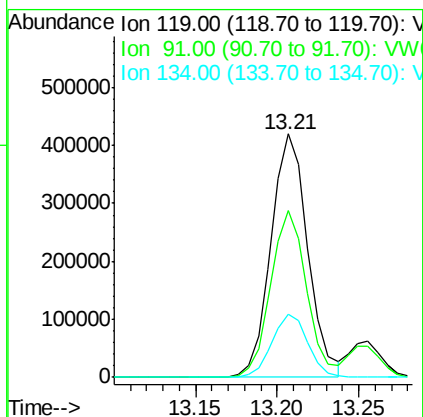
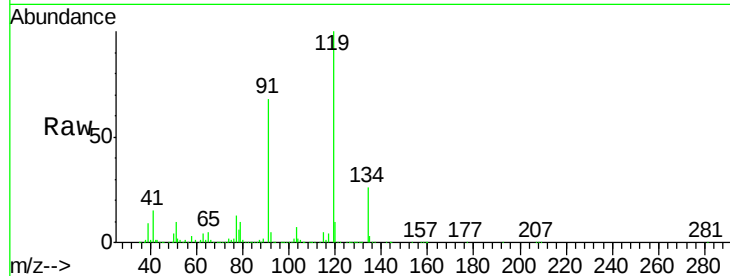




#83
tert-Butylbenzene
Concen: 51.973 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW008533.D
Acq: 06 Feb 2019 17:40

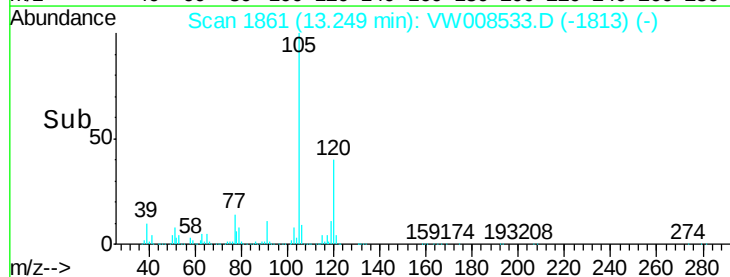
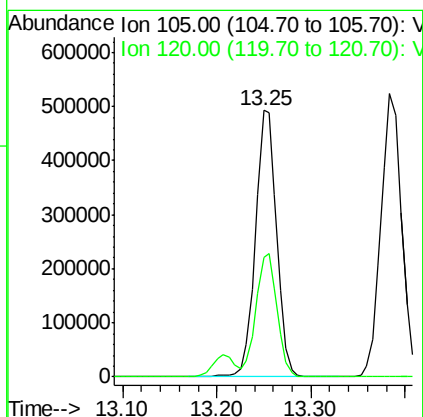
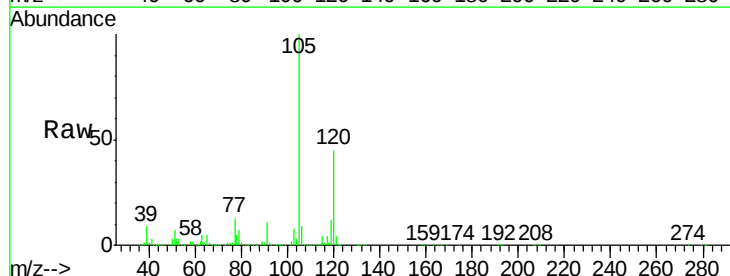
Instrument :
MSVOA_W
ClientSampleId :
98-SB-01-2-4MSD

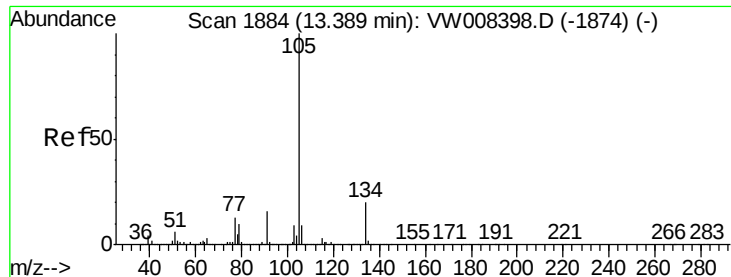
Tot Ion:119 Resp: 658173
Ion Ratio Lower Upper
119 100
91 67.1 33.8 101.4
134 25.6 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 54.125 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VW008533.D
Acq: 06 Feb 2019 17:40

Tgt Ion:105 Resp: 782884
Ion Ratio Lower Upper
105 100
120 46.2 23.1 69.2





#85

sec-Butylbenzene

Concen: 44.230 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VW008533.D

Acq: 06 Feb 2019 17:40

Instrument :

MSVOA_W

ClientSampleId :

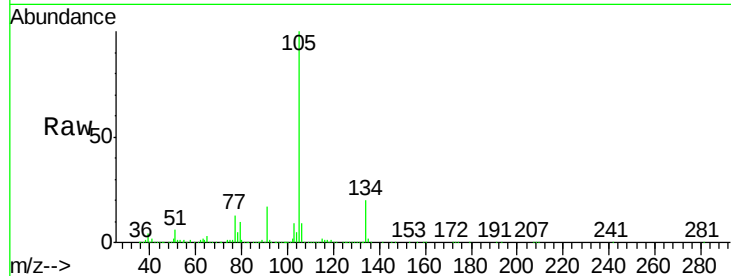
98-SB-01-2-4MSD

Tot Ion:105 Resp: 799909

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

600000

500000

400000

300000

200000

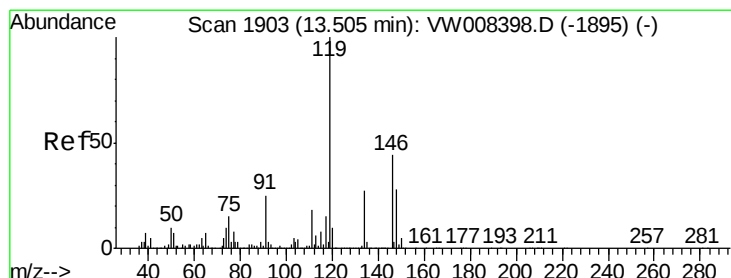
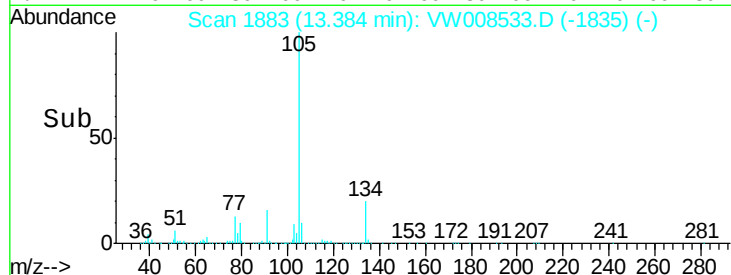
100000

0

13.30

13.40

Time-->



#86

p-Isopropyltoluene

Concen: 45.856 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008533.D

Acq: 06 Feb 2019 17:40

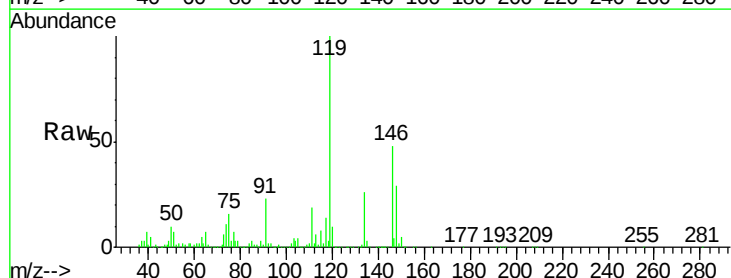
Tgt Ion:119 Resp: 726438

Ion Ratio Lower Upper

119 100

134 26.2 13.4 40.2

91 23.4 12.6 37.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

600000

400000

200000

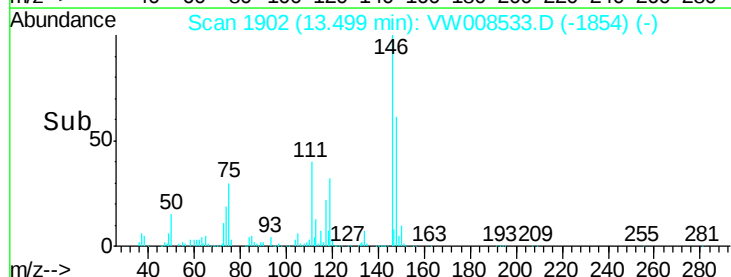
0

13.45

13.50

13.55

Time-->





#87

1,3-Dichlorobenzene

Concen: 49.710 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008533.D

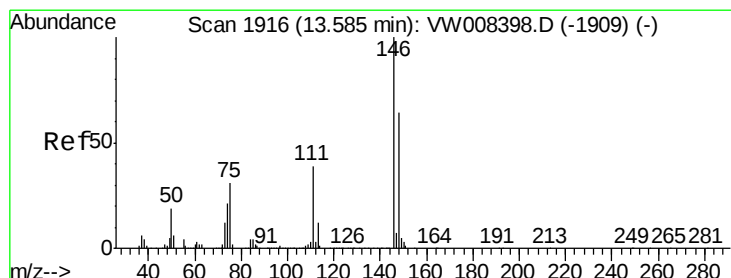
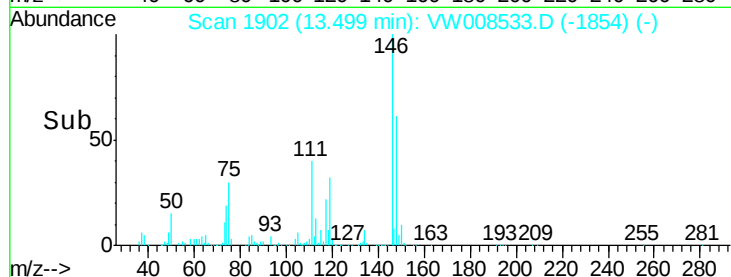
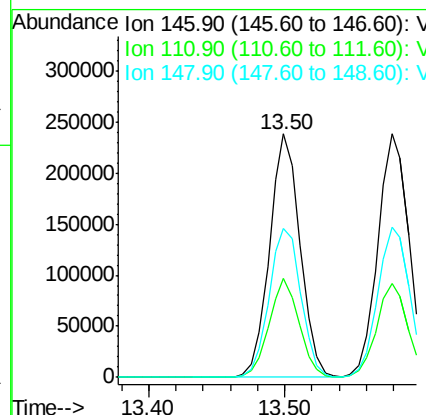
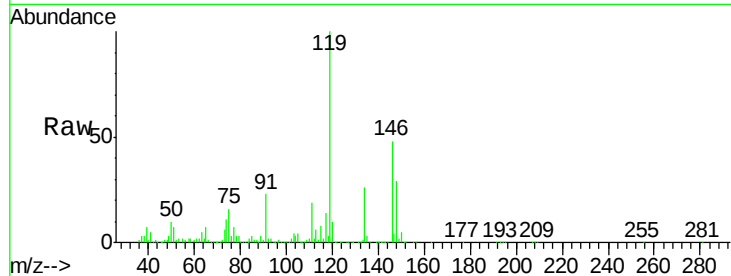
Acq: 06 Feb 2019 17:40

Instrument :
MSVOA_W

ClientSampleId :
98-SB-01-2-4MSD

Tot Ion:146 Resp: 373289

Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.3	60.9
148	64.0	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 50.411 ug/l

RT: 13.58 min Scan# 1915

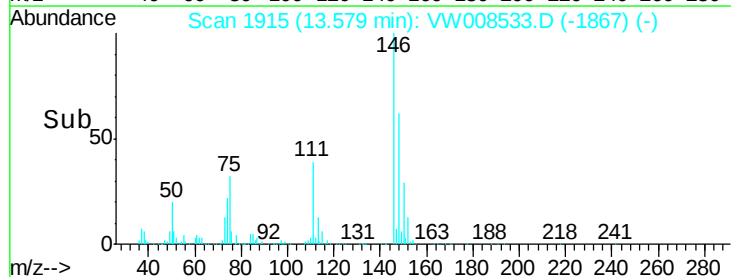
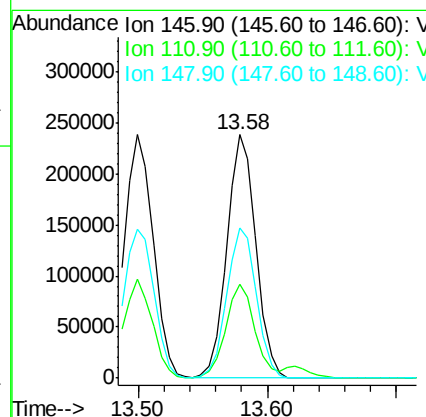
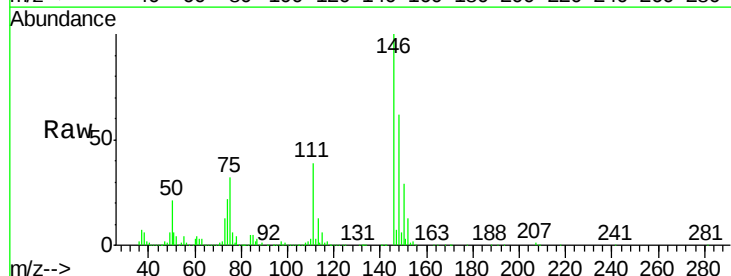
Delta R.T. -0.01 min

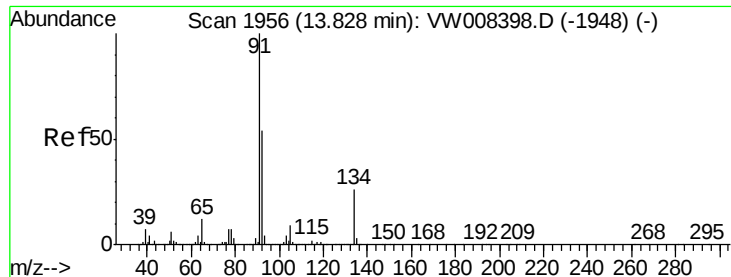
Lab File: VW008533.D

Acq: 06 Feb 2019 17:40

Tgt Ion:146 Resp: 376210

Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.0	60.0
148	63.3	32.0	96.2

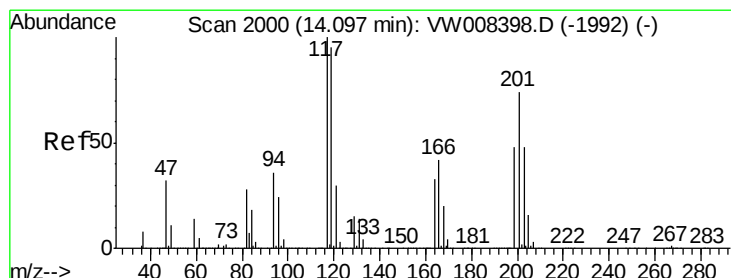
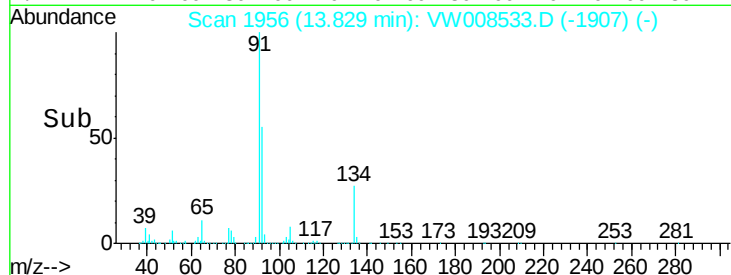
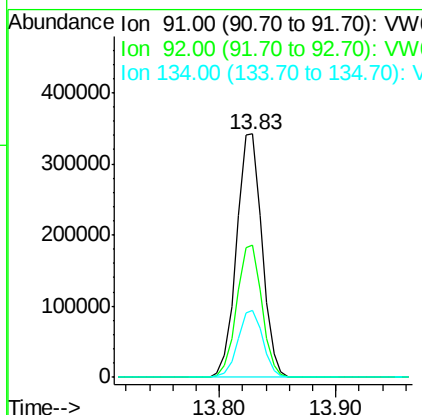
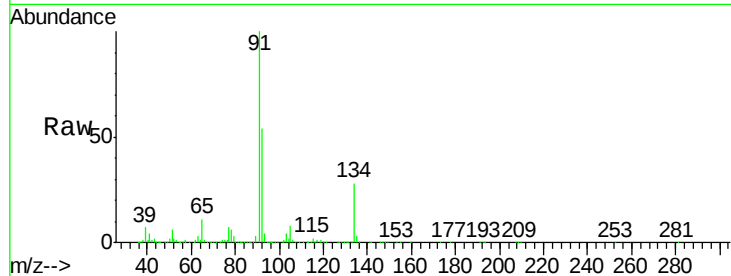




#89
n-Butylbenzene
Concen: 33.491 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW008533.D
Acq: 06 Feb 2019 17:40

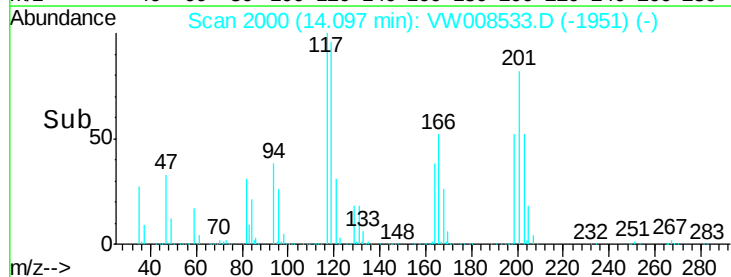
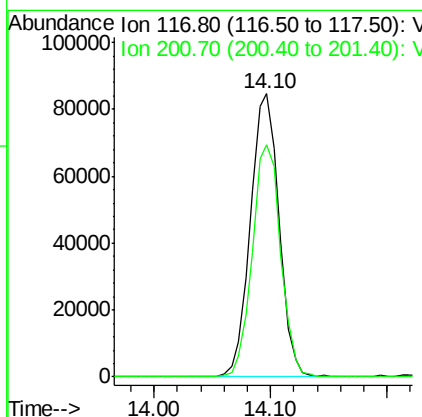
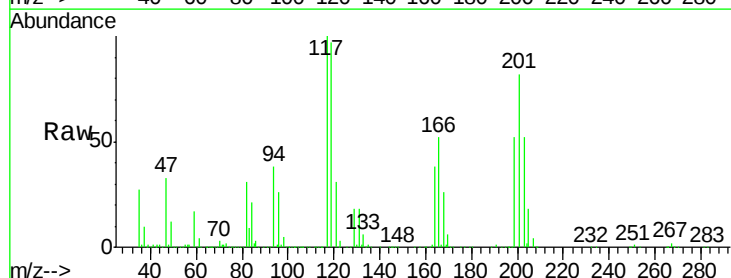
Instrument :
MSVOA_W
ClientSampleId :
98-SB-01-2-4MSD

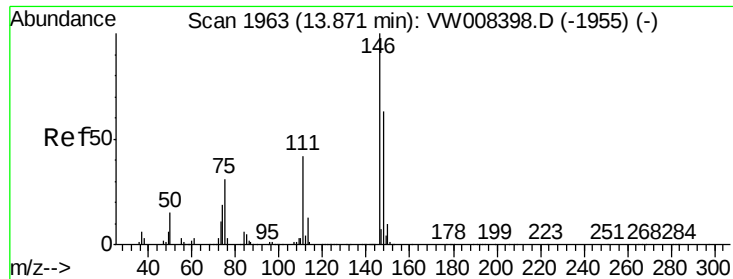
Tot Ion: 91 Resp: 520936
Ion Ratio Lower Upper
91 100
92 53.8 27.4 82.2
134 26.9 13.0 39.0



#90
Hexachloroethane
Concen: 46.486 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW008533.D
Acq: 06 Feb 2019 17:40

Tgt Ion: 117 Resp: 144015
Ion Ratio Lower Upper
117 100
201 81.7 39.1 117.5





#91

1,2-Dichlorobenzene

Concen: 56.299 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW008533.D

Acq: 06 Feb 2019 17:40

Instrument :

MSVOA_W

ClientSampleId :

98-SB-01-2-4MSD

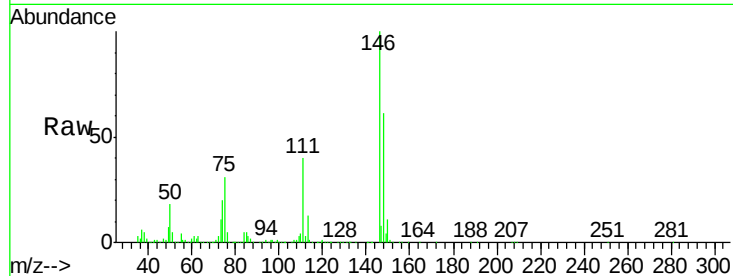
Tot Ion:146 Resp: 374077

Ion Ratio Lower Upper

146 100

111 40.2 21.1 63.3

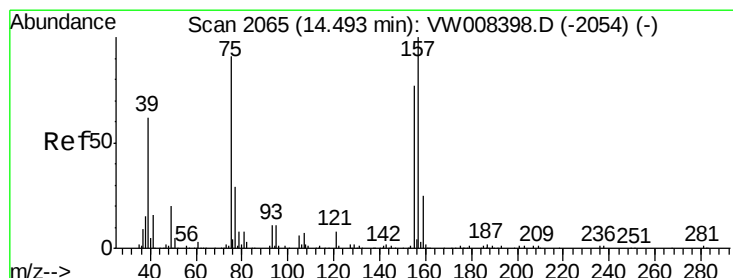
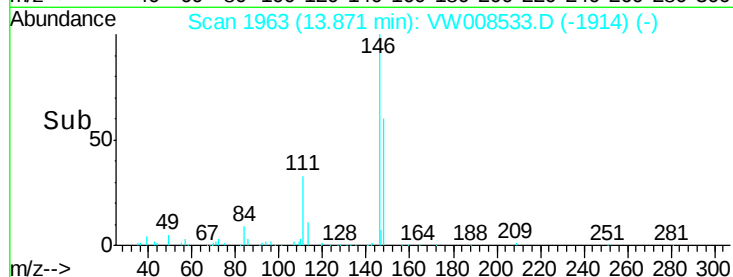
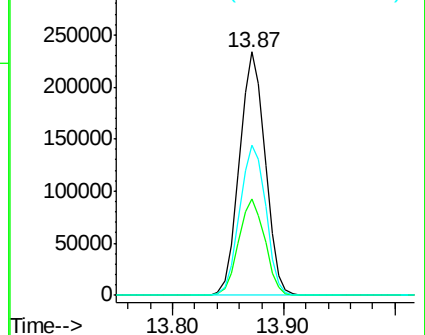
148 62.5 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 91.701 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.01 min

Lab File: VW008533.D

Acq: 06 Feb 2019 17:40

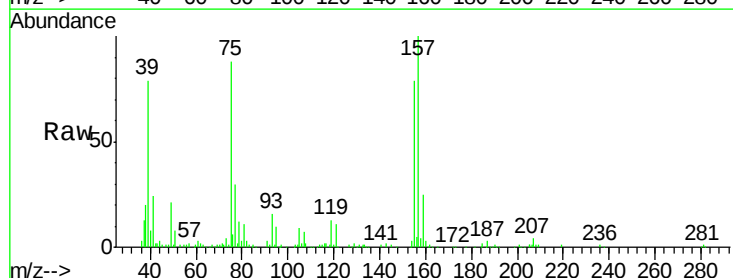
Tgt Ion: 75 Resp: 46900

Ion Ratio Lower Upper

75 100

155 84.9 42.7 128.1

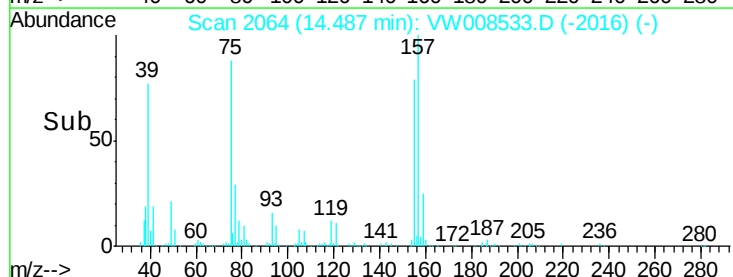
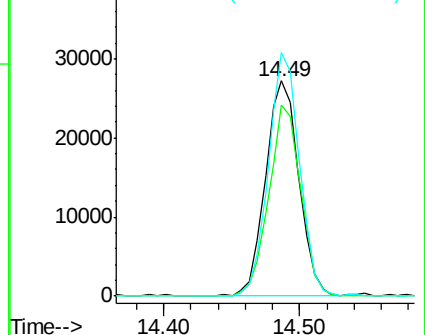
157 105.2 55.5 166.3

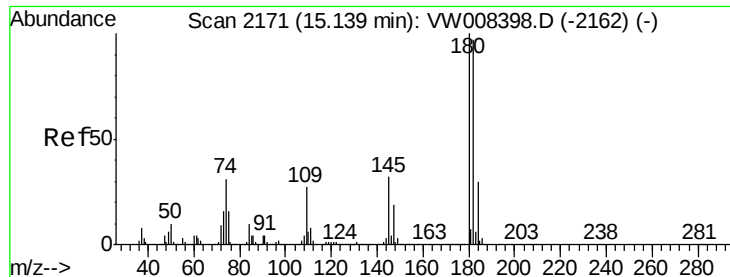


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

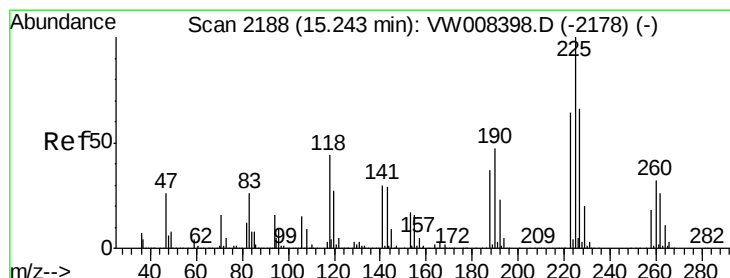
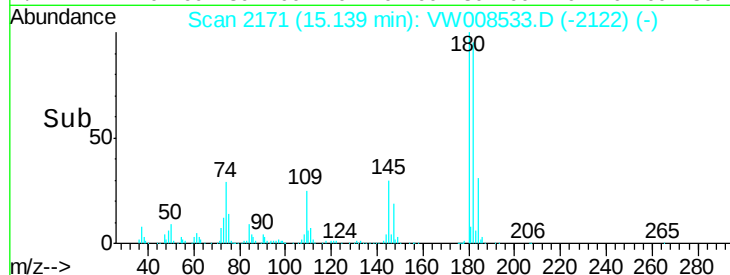
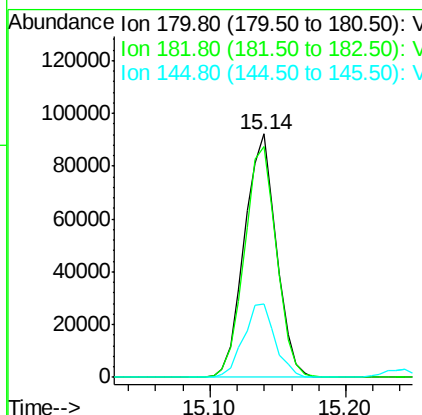
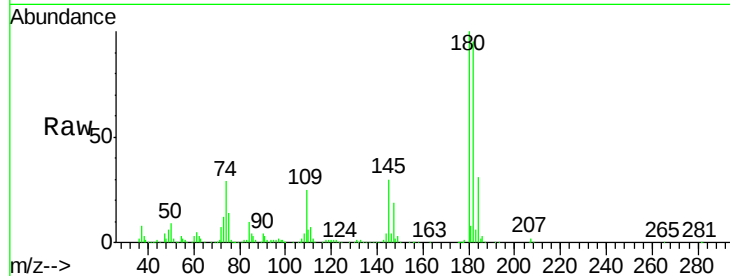




#93
 1,2,4-Trichlorobenzene
 Concen: 31.889 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008533.D
 Acq: 06 Feb 2019 17:40

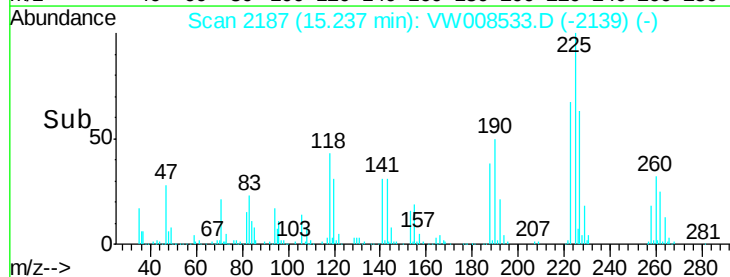
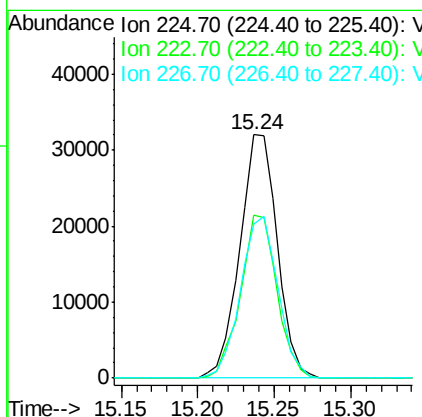
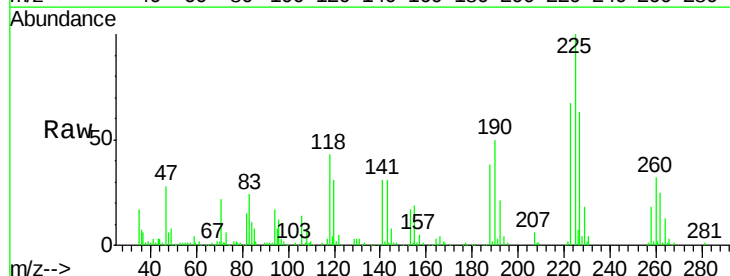
Instrument :
 MSVOA_W
 ClientSampleId :
 98-SB-01-2-4MSD

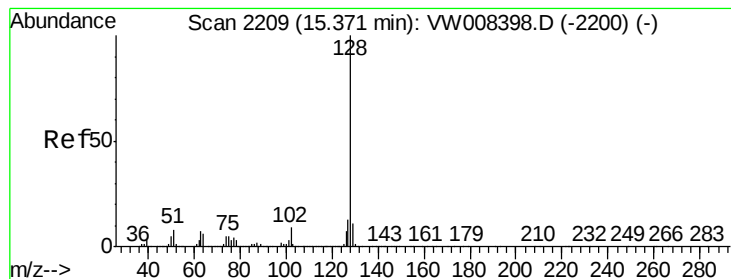
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.9	143.7
145	30.1	15.5	46.5



#94
 Hexachlorobutadiene
 Concen: 19.092 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW008533.D
 Acq: 06 Feb 2019 17:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	31.7	95.1
227	66.3	32.1	96.3





#95

Naphthalene

Concen: 61.341 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW008533.D

Acq: 06 Feb 2019 17:40

Instrument :

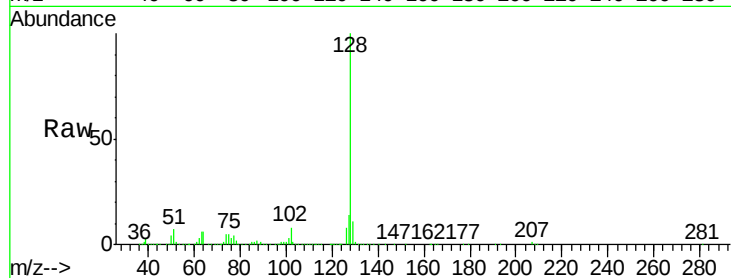
MSVOA_W

ClientSampleId :

98-SB-01-2-4MSD

Tot Ion:128 Resp: 510691

Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.6	15.8
129	11.2	8.7	13.1

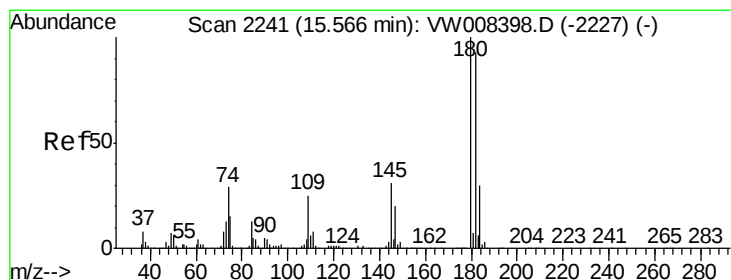
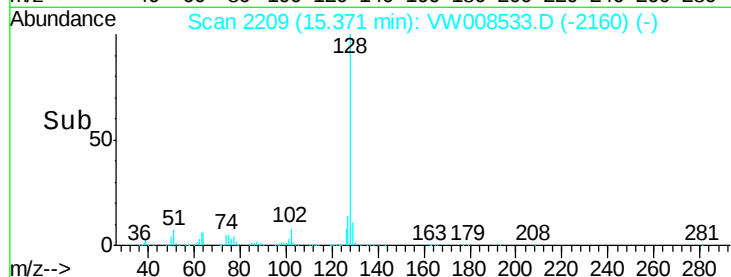
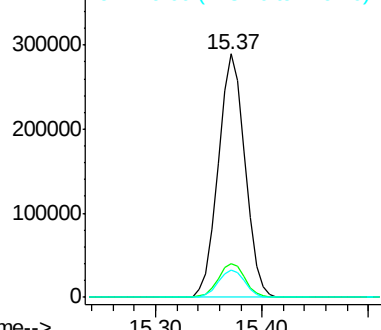


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 35.712 ug/l

RT: 15.56 min Scan# 2240

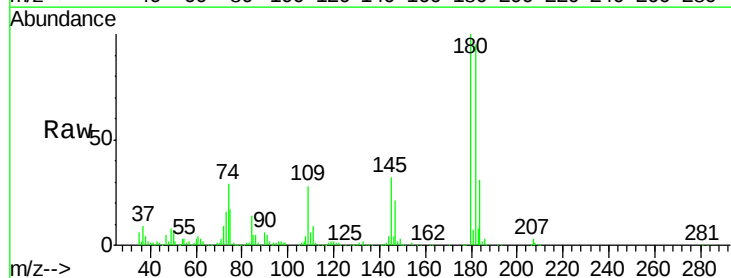
Delta R.T. -0.01 min

Lab File: VW008533.D

Acq: 06 Feb 2019 17:40

Tgt Ion:180 Resp: 143640

Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.0	141.2
145	31.0	15.9	47.6



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

