

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020819\
 Data File : VW008571.D
 Acq On : 08 Feb 2019 13:55
 Operator : SY/VA
 Sample : VW0208SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0208SBS01

Quant Time: Feb 09 01:00:33 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	525058	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	837911	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	776059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	410770	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	305414	59.21	ug/l	0.00
Spiked Amount			Recovery	=	118.42%	
35) Dibromofluoromethane	7.88	113	279433	57.03	ug/l	0.00
Spiked Amount			Recovery	=	114.06%	
50) Toluene-d8	10.32	98	1166882	59.39	ug/l	0.00
Spiked Amount			Recovery	=	118.78%	
62) 4-Bromofluorobenzene	12.62	95	456943	60.51	ug/l	0.00
Spiked Amount			Recovery	=	121.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	40882	15.850	ug/l	96
3) Chloromethane	2.21	50	95708	22.331	ug/l	98
4) Vinyl Chloride	2.36	62	129607	23.756	ug/l	98
5) Bromomethane	2.78	94	83892	23.839	ug/l	100
6) Chloroethane	2.92	64	83960	25.163	ug/l	96
7) Trichlorofluoromethane	3.25	101	84274	20.806	ug/l	99
8) Diethyl Ether	3.67	74	62399	23.830	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	99478	20.948	ug/l	98
10) Methyl Iodide	4.26	142	151088	20.142	ug/l	97
11) Tert butyl alcohol	5.18	59	36569	88.056	ug/l #	86
12) 1,1-Dichloroethene	4.03	96	96408	20.060	ug/l	88
13) Acrolein	3.89	56	30836	86.934	ug/l	89
14) Allyl chloride	4.65	41	180233	19.749	ug/l	94
15) Acrylonitrile	5.36	53	107141	94.759	ug/l	100
16) Acetone	4.12	43	114764	99.075	ug/l	97
17) Carbon Disulfide	4.37	76	282454	18.402	ug/l	97
18) Methyl Acetate	4.66	43	57182	18.508	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	164695	20.712	ug/l	99
20) Methylene Chloride	4.90	84	110736	20.741	ug/l	97
21) trans-1,2-Dichloroethene	5.41	96	105845	19.590	ug/l	96
22) Diisopropyl ether	6.31	45	348028	20.122	ug/l	98
23) Vinyl Acetate	6.25	43	1007735	98.673	ug/l	100
24) 1,1-Dichloroethane	6.21	63	195268	19.945	ug/l	97
25) 2-Butanone	7.17	43	151333	94.058	ug/l	96
26) 2,2-Dichloropropane	7.17	77	138696	20.959	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	115577	19.628	ug/l	95
28) Bromochloromethane	7.51	49	98185	21.835	ug/l	96
29) Tetrahydrofuran	7.52	42	95585	93.750	ug/l	98
30) Chloroform	7.67	83	198673	20.631	ug/l	96
31) Cyclohexane	7.95	56	198379	19.596	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	174626	20.995	ug/l	98
36) 1,1-Dichloropropene	8.07	75	162419	20.520	ug/l	99
37) Ethyl Acetate	7.25	43	69788	19.929	ug/l	97
38) Carbon Tetrachloride	8.06	117	164277	20.625	ug/l	97

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Quant Time: Feb 09 01:00:33 2019
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 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)

39) Methylcyclohexane	9.33	83	206116	19.823	ug/l	100
40) Benzene	8.32	78	438534	19.967	ug/l	98
41) Methacrylonitrile	7.48	41	34652	16.712	ug/l #	84
42) 1,2-Dichloroethane	8.40	62	133965	21.048	ug/l	99
43) Isopropyl Acetate	8.42	43	142417	19.576	ug/l	98
44) Trichloroethene	9.09	130	119072	19.937	ug/l	99
45) 1,2-Dichloropropane	9.37	63	111273	20.319	ug/l	99
46) Dibromomethane	9.45	93	53798	19.100	ug/l	97
47) Bromodichloromethane	9.64	83	147729	19.829	ug/l	96
48) Methyl methacrylate	9.43	41	65658	18.457	ug/l	97
49) 1,4-Dioxane	9.45	88	17586	369.378	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	352426	98.056	ug/l	100
52) Toluene	10.38	92	305178	21.049	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	162670	20.520	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	179051	19.903	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	80487	20.602	ug/l	99
56) Ethyl methacrylate	10.65	69	105878	19.341	ug/l	98
57) 1,3-Dichloropropane	10.93	76	144366	20.626	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	275180	103.458	ug/l	100
59) 2-Hexanone	10.97	43	248896	98.094	ug/l	98
60) Dibromochloromethane	11.13	129	97253	19.371	ug/l	100
61) 1,2-Dibromoethane	11.23	107	77082	19.898	ug/l	99
64) Tetrachloroethene	10.86	164	104760	19.938	ug/l	98
65) Chlorobenzene	11.66	112	326674	20.621	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	116647	20.580	ug/l	99
67) Ethyl Benzene	11.73	91	616072	21.156	ug/l	99
68) m/p-Xylenes	11.84	106	465320	41.184	ug/l	98
69) o-Xylene	12.16	106	223778	20.845	ug/l	100
70) Styrene	12.18	104	352805	19.896	ug/l	99
71) Bromoform	12.35	173	58140	18.231	ug/l #	99
73) Isopropylbenzene	12.46	105	629701	20.563	ug/l	99
74) N-amyl acetate	12.27	43	144695	18.341	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	93693	19.325	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	69601m	19.489	ug/l	
77) Bromobenzene	12.75	156	135548	20.268	ug/l	99
78) n-propylbenzene	12.80	91	759374	20.646	ug/l	100
79) 2-Chlorotoluene	12.90	91	433518	20.887	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	532066	20.787	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	32420	17.929	ug/l	93
82) 4-Chlorotoluene	12.99	91	448864	20.313	ug/l	100
83) tert-Butylbenzene	13.21	119	460774	20.229	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	538870	20.713	ug/l	98
85) sec-Butylbenzene	13.38	105	678674	20.863	ug/l	99
86) p-Isopropyltoluene	13.50	119	587872	20.631	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	275931	20.429	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	277065	20.641	ug/l	100
89) n-Butylbenzene	13.83	91	569430	20.353	ug/l	100
90) Hexachloroethane	14.10	117	108826	19.530	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	249257	20.856	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17537	19.064	ug/l	87

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Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	15.14	180	169819	19.912	ug/l	98
94) Hexachlorobutadiene	15.24	225	106133	20.649	ug/l	99
95) Naphthalene	15.37	128	293980	19.632	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	141100	19.504	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008571.D

Acq: 08 Feb 2019 13:55

Instrument :

MSVOA_W

ClientSampleId :

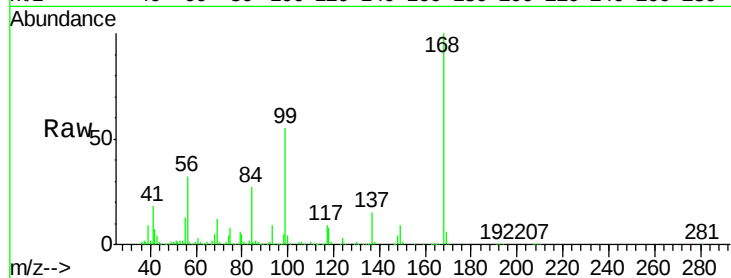
VW0208SBS01

Tot Ion:168 Resp: 525058

Ion Ratio Lower Upper

168 100

99 54.6 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

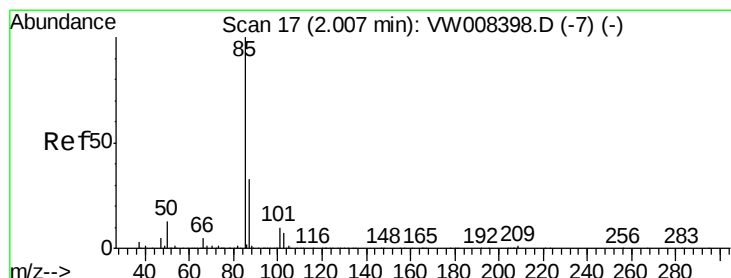
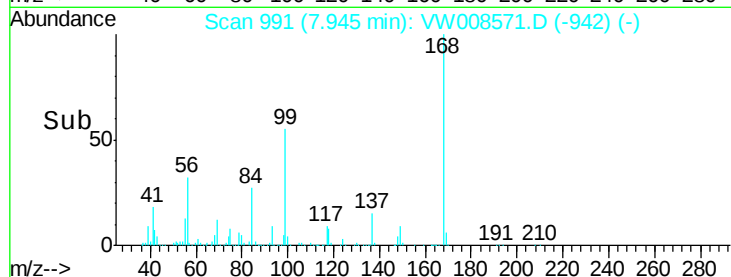
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 15.850 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW008571.D

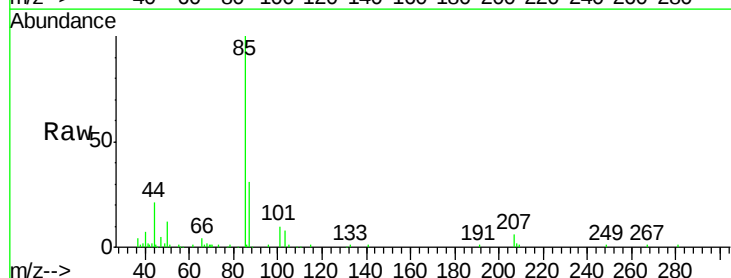
Acq: 08 Feb 2019 13:55

Tgt Ion: 85 Resp: 40882

Ion Ratio Lower Upper

85 100

87 30.9 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

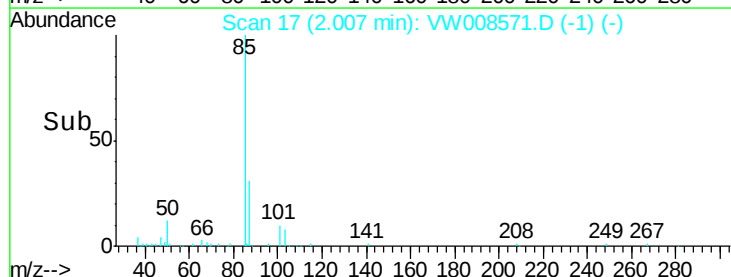
15000

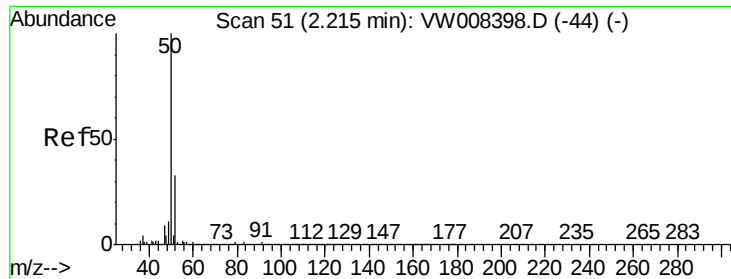
10000

5000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 22.331 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW008571.D

Acq: 08 Feb 2019 13:55

Instrument :

MSVOA_W

ClientSampleId :

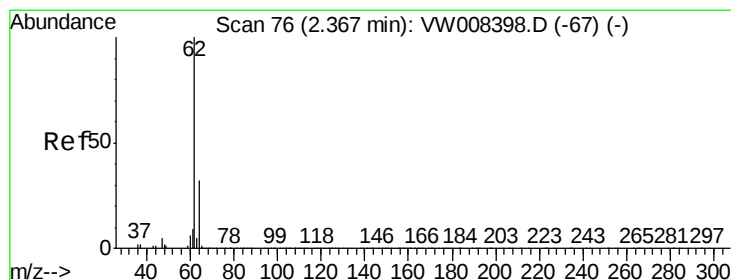
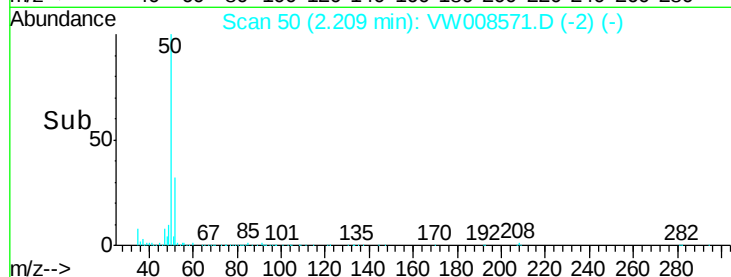
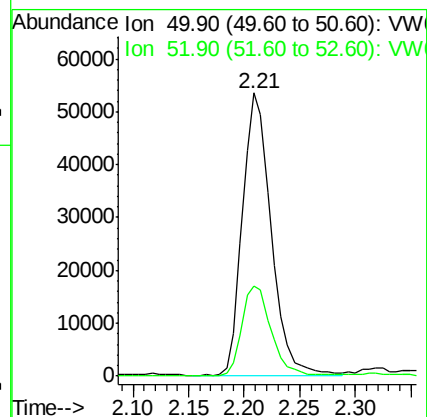
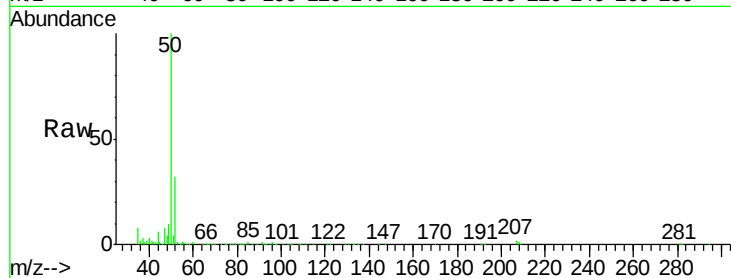
VW0208SBS01

Tot Ion: 50 Resp: 95708

Ion Ratio Lower Upper

50 100

52 32.0 26.3 39.5



#4

Vinyl Chloride

Concen: 23.756 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW008571.D

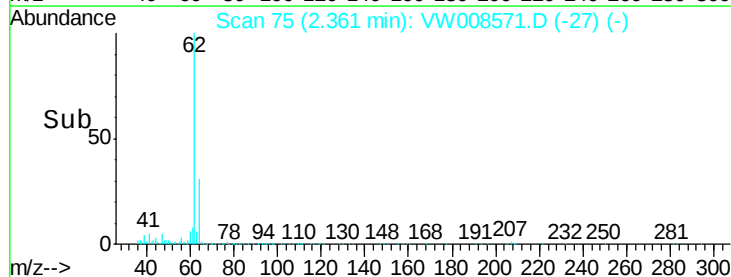
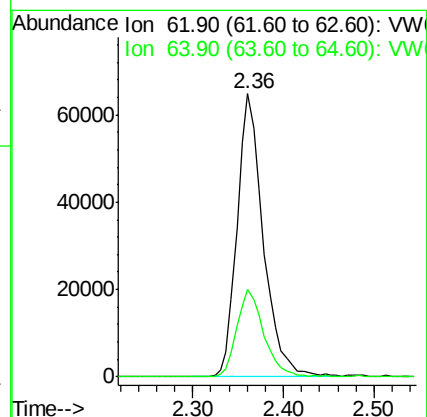
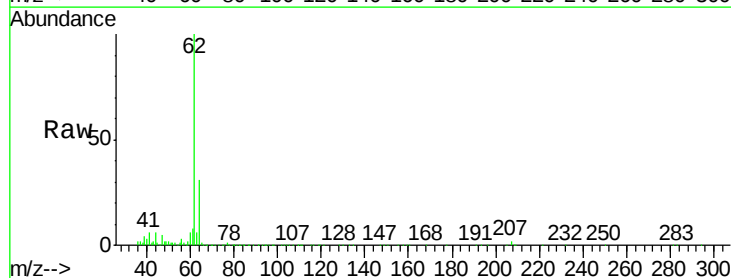
Acq: 08 Feb 2019 13:55

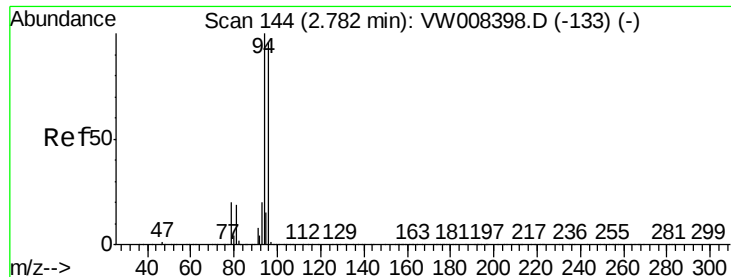
Tgt Ion: 62 Resp: 129607

Ion Ratio Lower Upper

62 100

64 31.0 25.5 38.3





#5

Bromomethane

Concen: 23.839 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW008571.D

Acq: 08 Feb 2019 13:55

Instrument :

MSVOA_W

ClientSampleId :

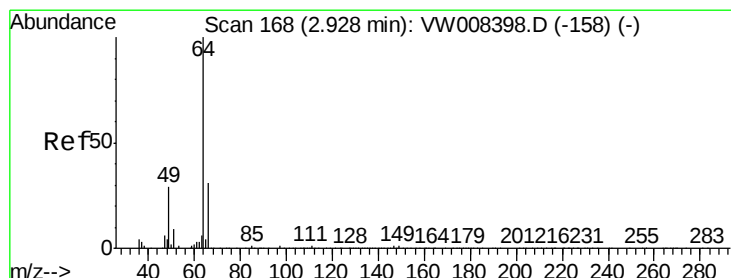
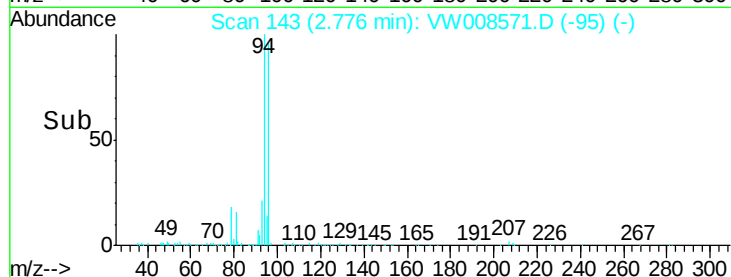
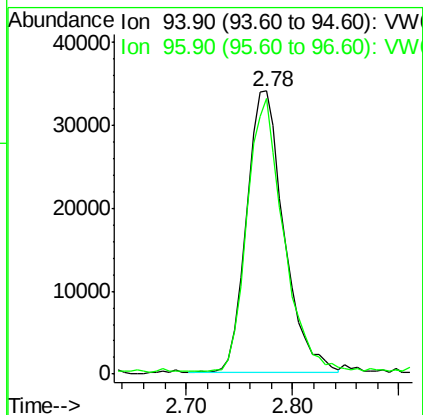
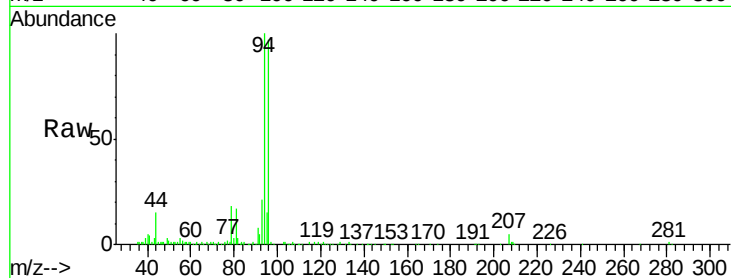
VW0208SBS01

Tot Ion: 94 Resp: 83892

Ion Ratio Lower Upper

94 100

96 96.6 77.2 115.8



#6

Chloroethane

Concen: 25.163 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008571.D

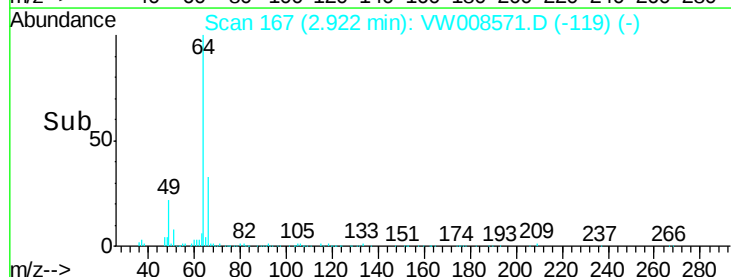
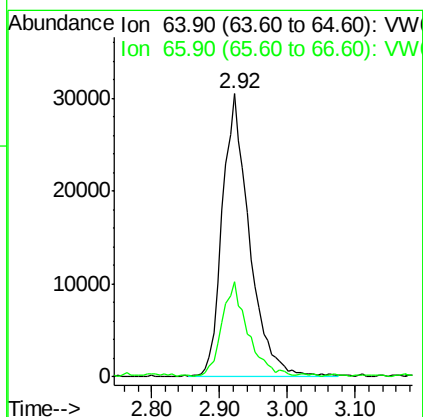
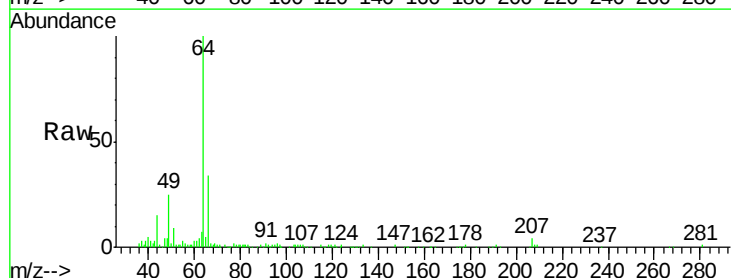
Acq: 08 Feb 2019 13:55

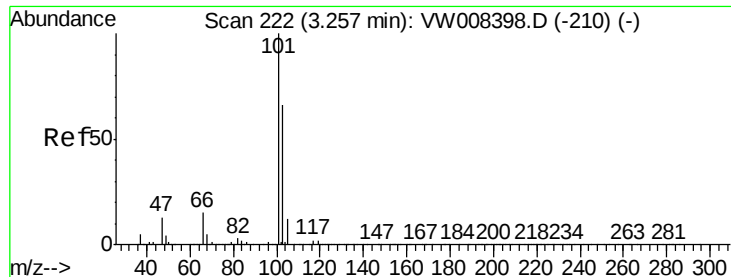
Tgt Ion: 64 Resp: 83960

Ion Ratio Lower Upper

64 100

66 33.2 24.9 37.3



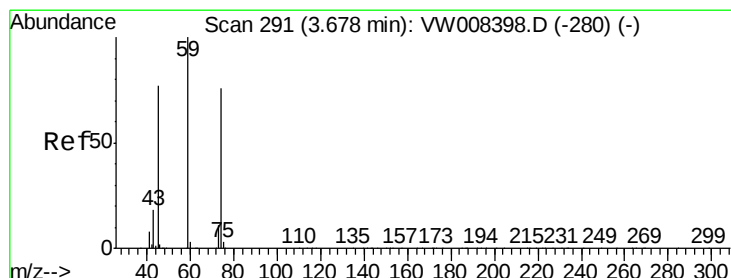
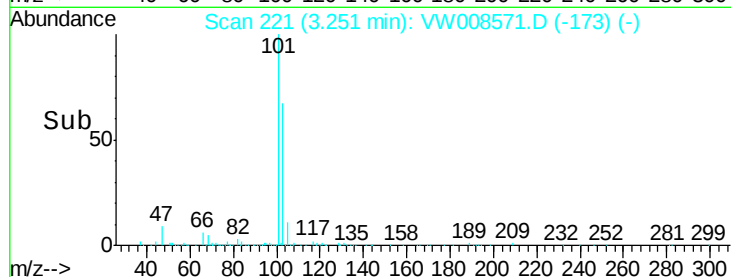
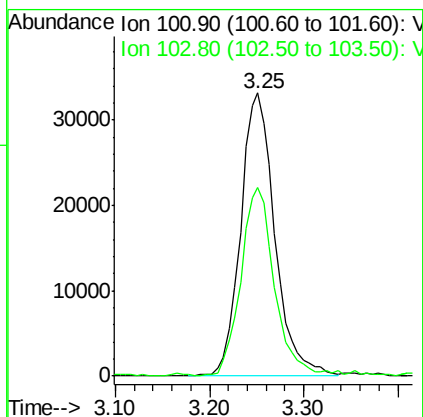
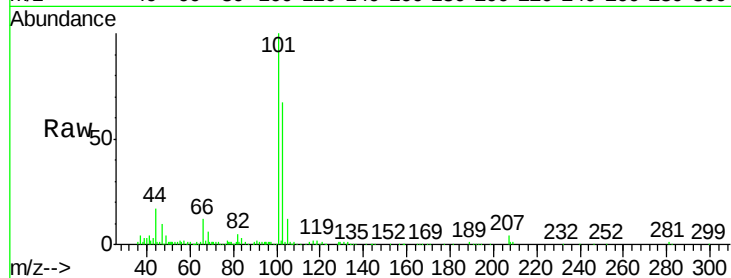


#7

Trichlorofluoromethane
 Concen: 20.806 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW008571.D
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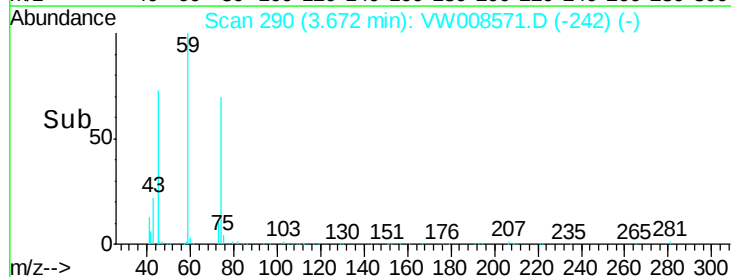
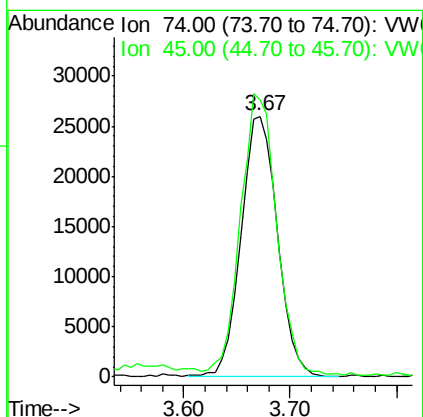
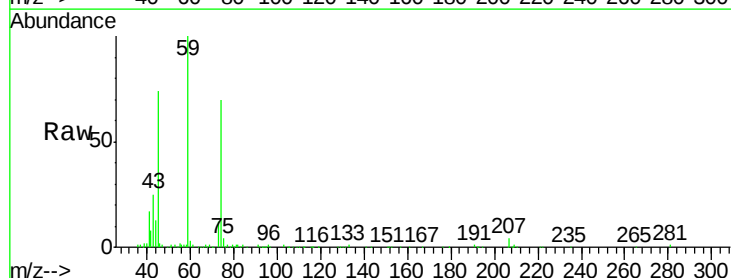
Tot Ion:101 Resp: 84274
 Ion Ratio Lower Upper
 101 100
 103 66.0 52.5 78.7



#8

Diethyl Ether
 Concen: 23.830 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW008571.D
 Acq: 08 Feb 2019 13:55

Tgt Ion: 74 Resp: 62399
 Ion Ratio Lower Upper
 74 100
 45 107.7 51.7 155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.948 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW008571.D

Acq: 08 Feb 2019 13:55

Instrument :

MSVOA_W

ClientSampleId :

VW0208SBS01

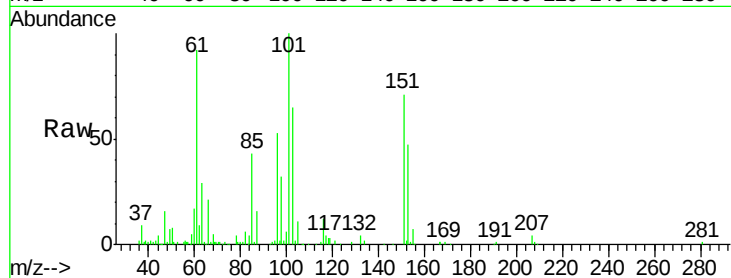
Tot Ion:101 Resp: 99478

Ion Ratio Lower Upper

101 100

85 42.8 35.0 52.4

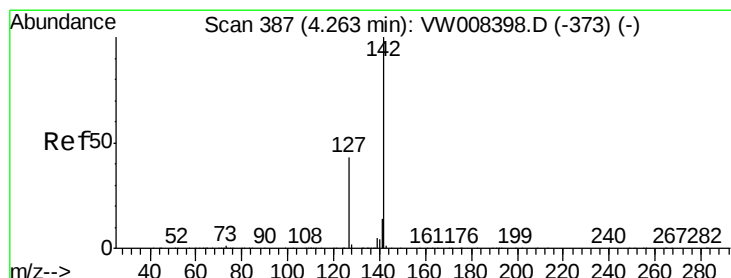
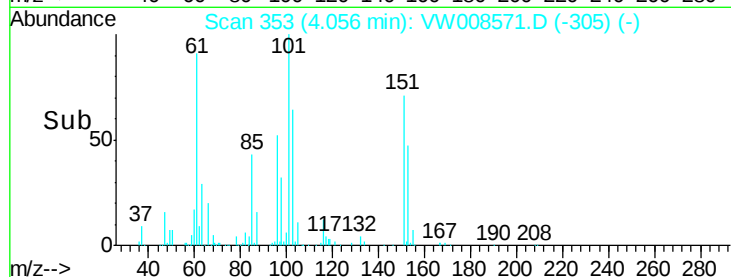
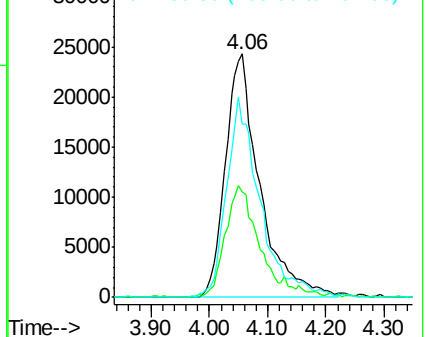
151 80.1 62.6 94.0



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: 20.142 ug/l

RT: 4.26 min Scan# 386

Delta R.T. -0.01 min

Lab File: VW008571.D

Acq: 08 Feb 2019 13:55

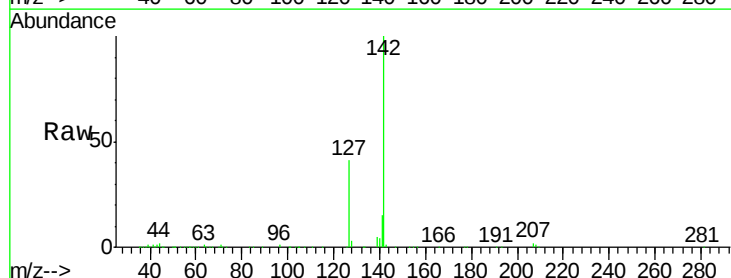
Tgt Ion:142 Resp: 151088

Ion Ratio Lower Upper

142 100

127 45.4 34.6 52.0

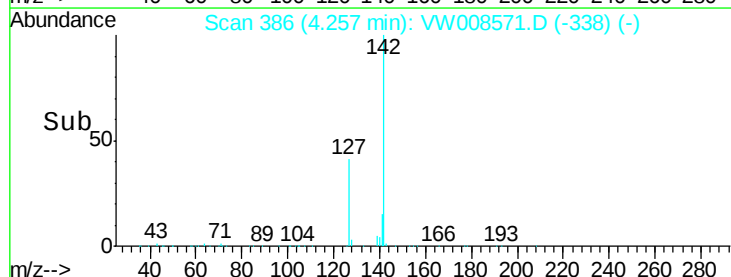
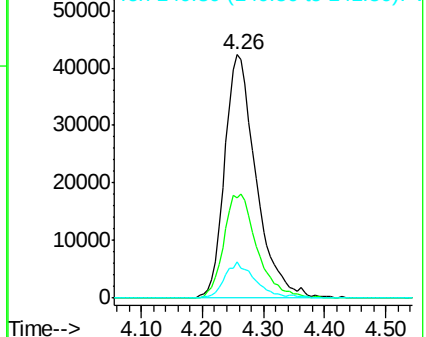
141 14.0 11.4 17.2

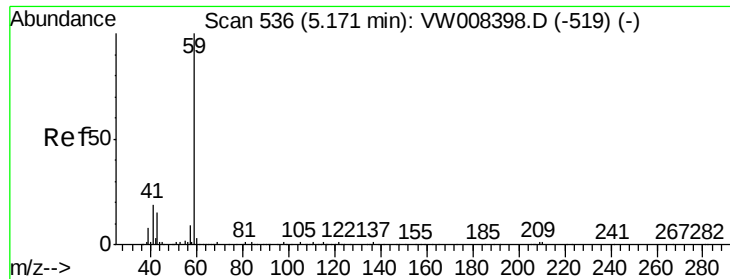


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



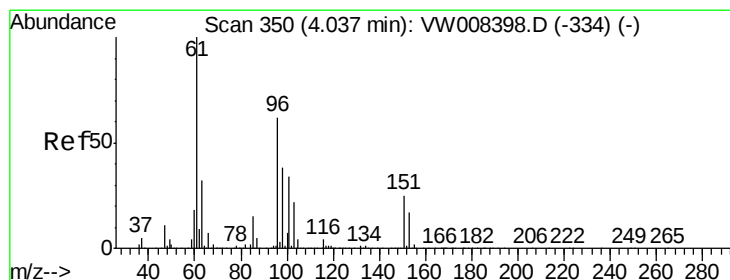
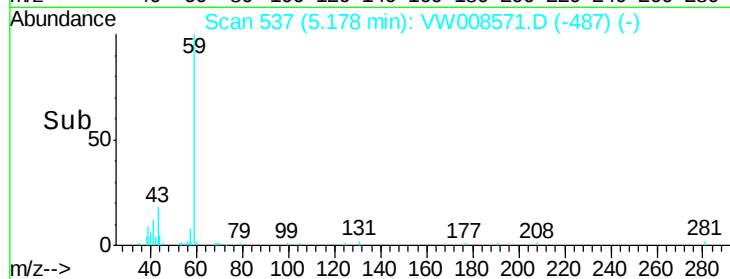
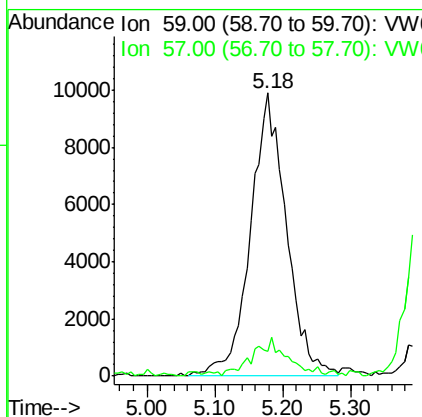
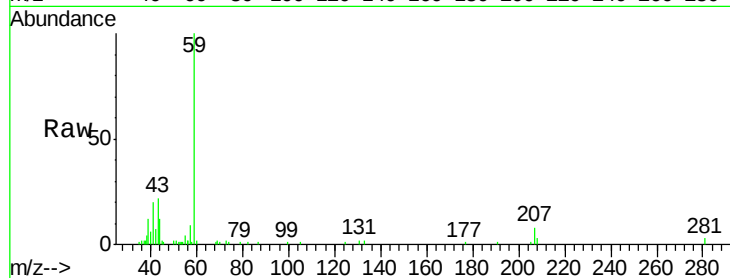


#11

Tert butyl alcohol
 Concen: 88.056 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VW008571.D
 Acq: 08 Feb 2019 13:55

Instrument :
 MSVOA_W
 ClientSampled :
 VW0208SBS01

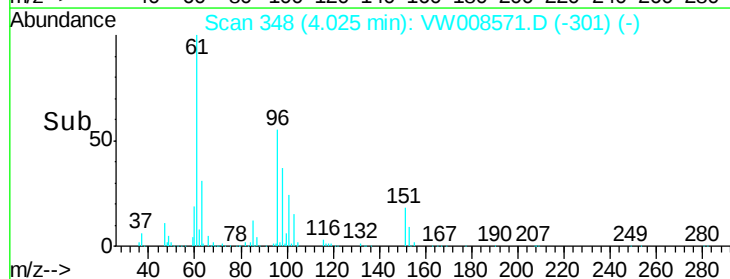
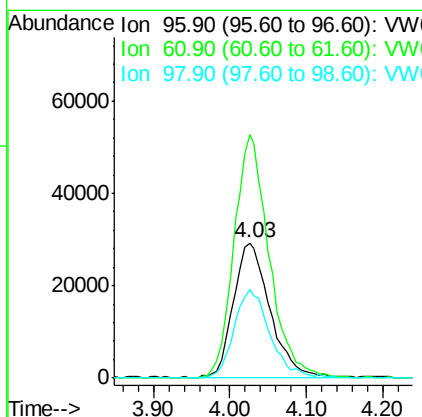
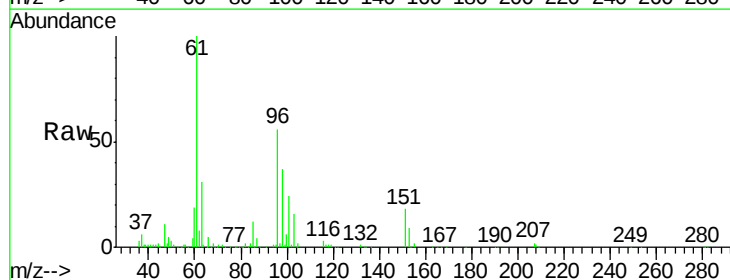
Tot Ion: 59 Resp: 36569
 Ion Ratio Lower Upper
 59 100
 57 6.1 9.3 13.9#

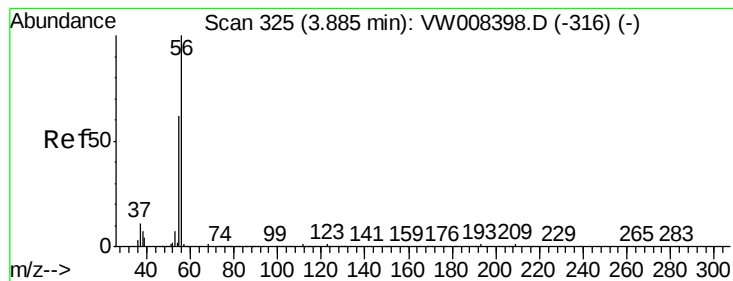


#12

1,1-Dichloroethene
 Concen: 20.060 ug/l
 RT: 4.03 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VW008571.D
 Acq: 08 Feb 2019 13:55

Tgt Ion: 96 Resp: 96408
 Ion Ratio Lower Upper
 96 100
 61 180.5 129.5 194.3
 98 65.9 48.6 73.0





#13

Acrolein

Concen: 86.934 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW008571.D

Acq: 08 Feb 2019 13:55

Instrument :

MSVOA_W

ClientSampleId :

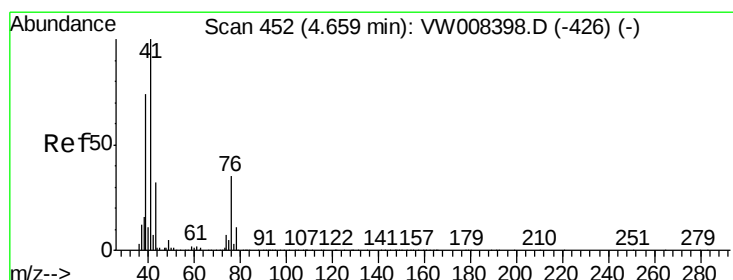
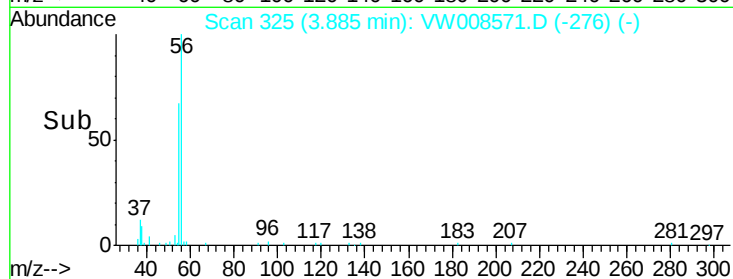
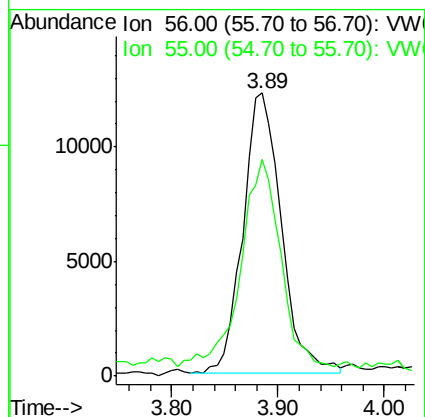
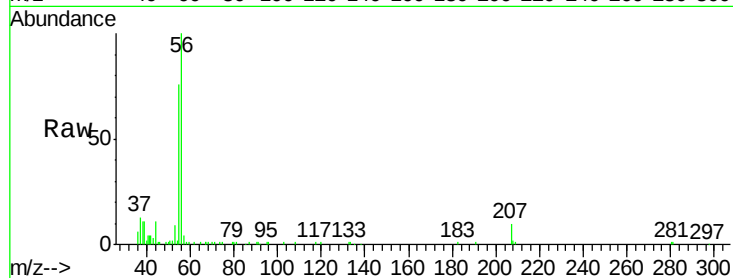
VW0208SBS01

Tot Ion: 56 Resp: 30836

Ion Ratio Lower Upper

56 100

55 80.1 56.7 85.1



#14

Allyl chloride

Concen: 19.749 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.01 min

Lab File: VW008571.D

Acq: 08 Feb 2019 13:55

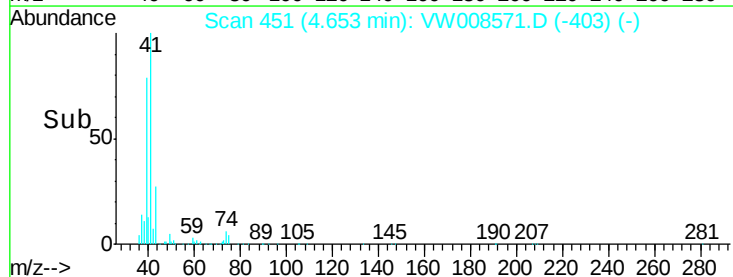
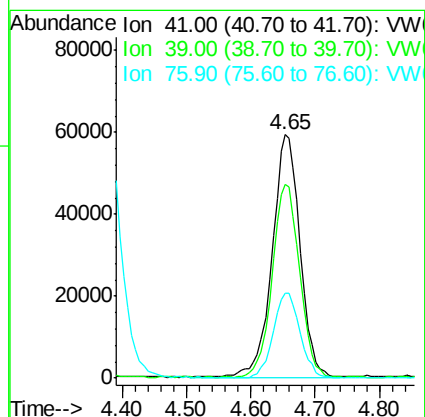
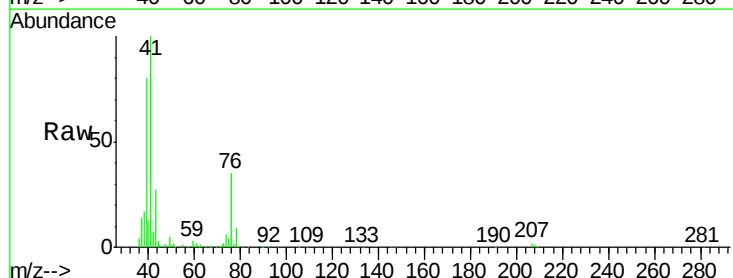
Tgt Ion: 41 Resp: 180233

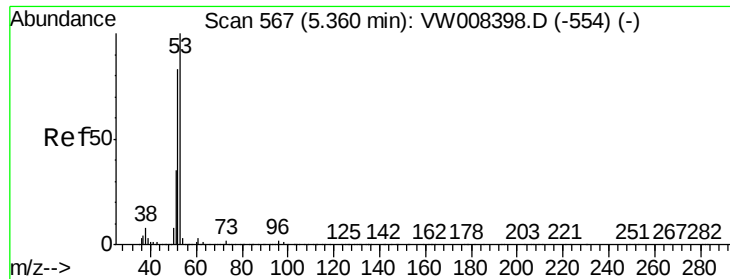
Ion Ratio Lower Upper

41 100

39 78.6 57.7 86.5

76 34.0 26.9 40.3





#15

Acrylonitrile

Concen: 94.759 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW008571.D

Acq: 08 Feb 2019 13:55

Instrument :

MSVOA_W

ClientSampleId :

VW0208SBS01

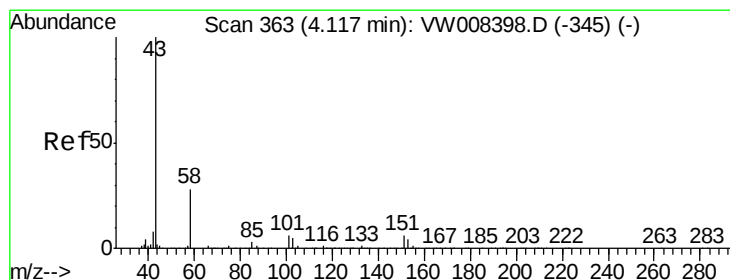
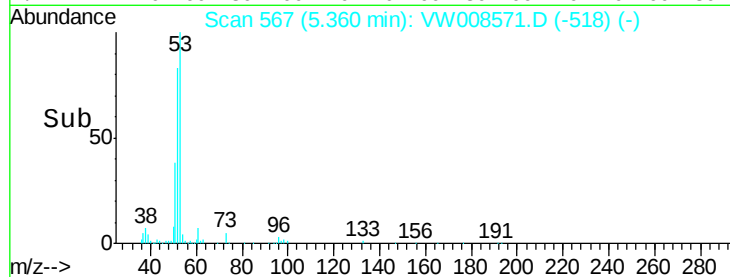
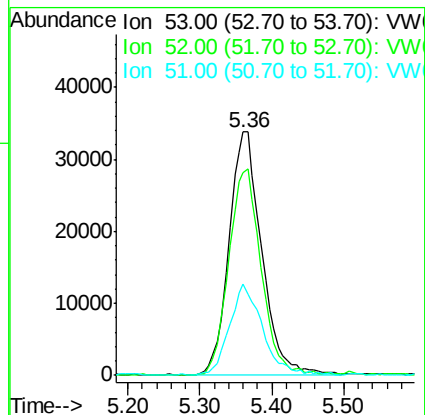
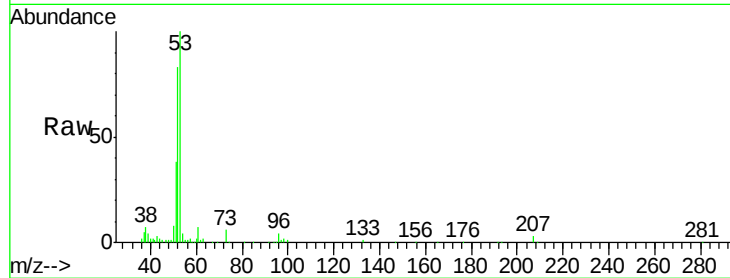
Tot Ion: 53 Resp: 107141

Ion Ratio Lower Upper

53 100

52 84.0 67.0 100.4

51 37.5 29.8 44.8



#16

Acetone

Concen: 99.075 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008571.D

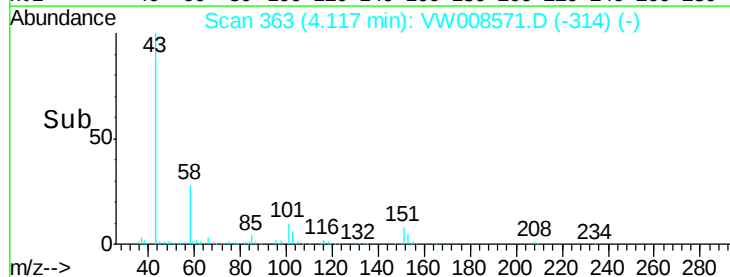
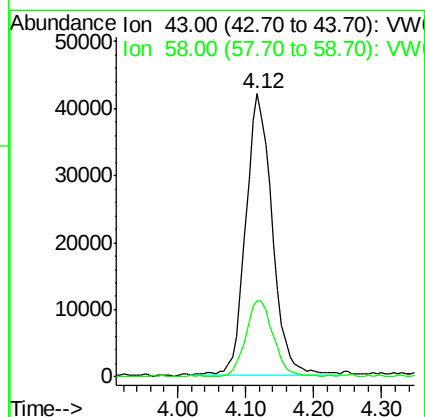
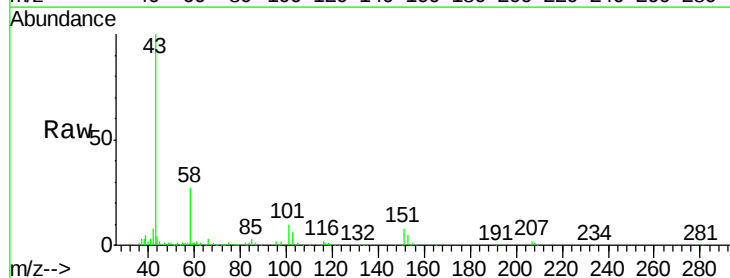
Acq: 08 Feb 2019 13:55

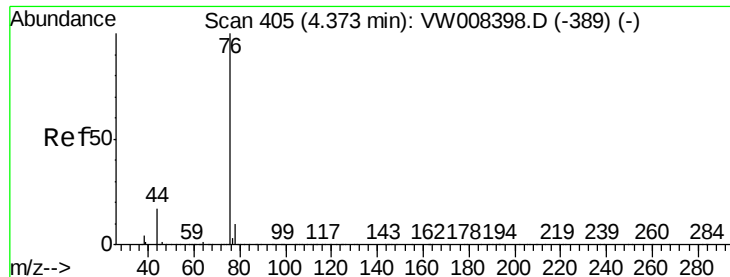
Tgt Ion: 43 Resp: 114764

Ion Ratio Lower Upper

43 100

58 26.7 22.6 34.0





#17

Carbon Disulfide

Concen: 18.402 ug/l

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW008571.D

Acq: 08 Feb 2019 13:55

Instrument :

MSVOA_W

ClientSampleId :

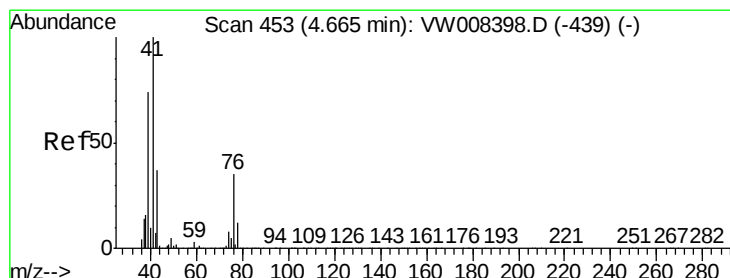
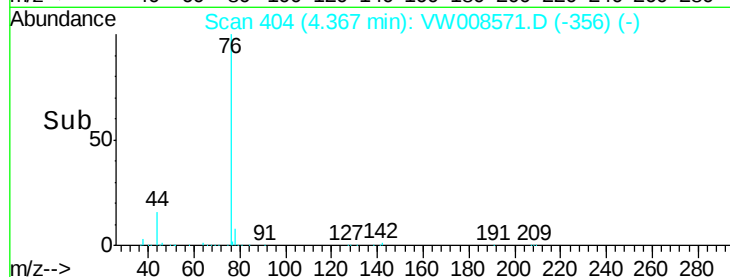
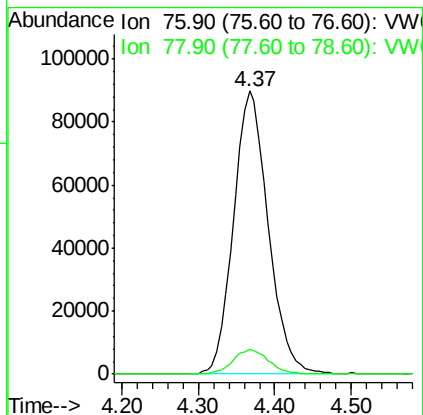
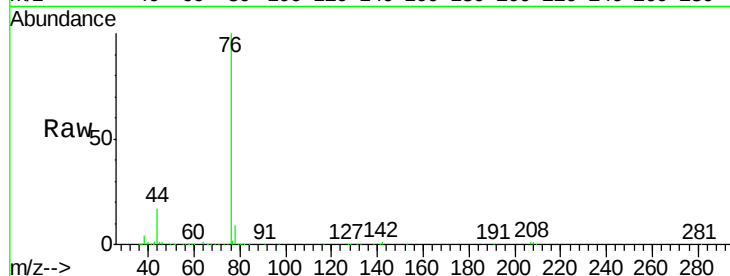
VW0208SBS01

Tot Ion: 76 Resp: 282454

Ion Ratio Lower Upper

76 100

78 8.7 7.7 11.5



#18

Methyl Acetate

Concen: 18.508 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW008571.D

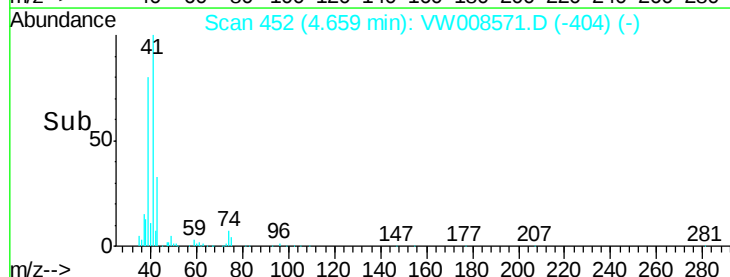
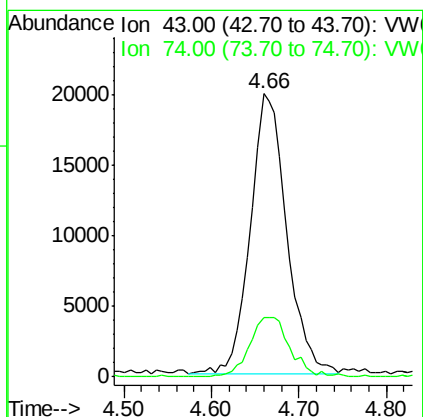
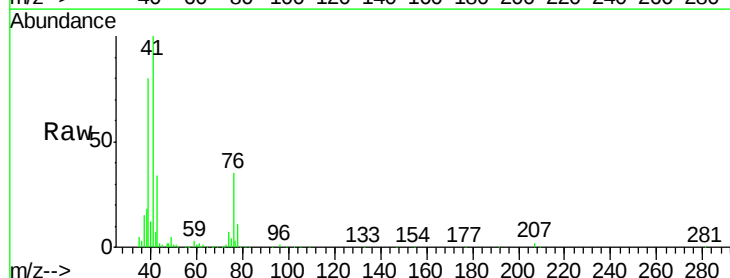
Acq: 08 Feb 2019 13:55

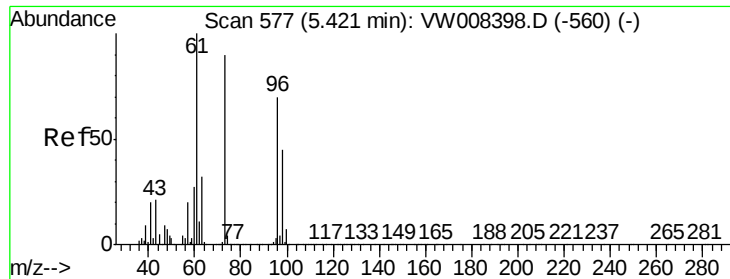
Tgt Ion: 43 Resp: 57182

Ion Ratio Lower Upper

43 100

74 23.8 17.5 26.3

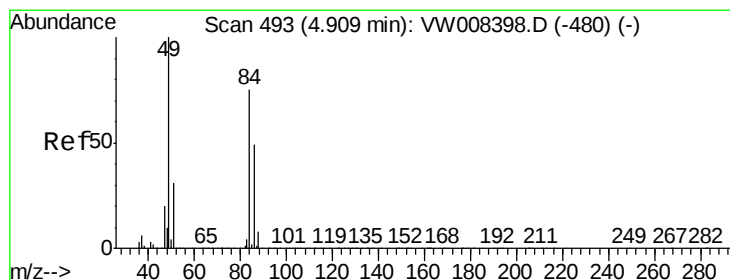
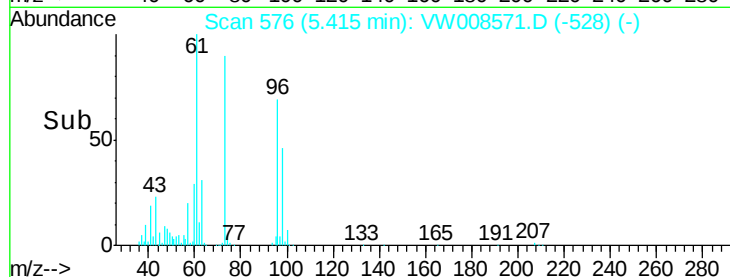
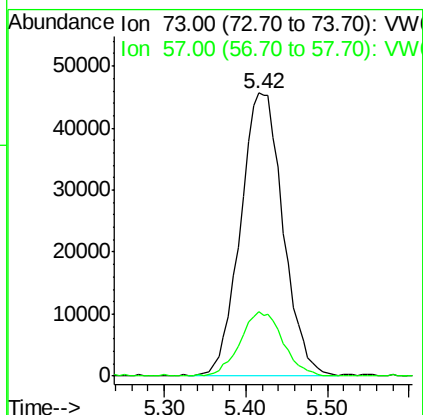
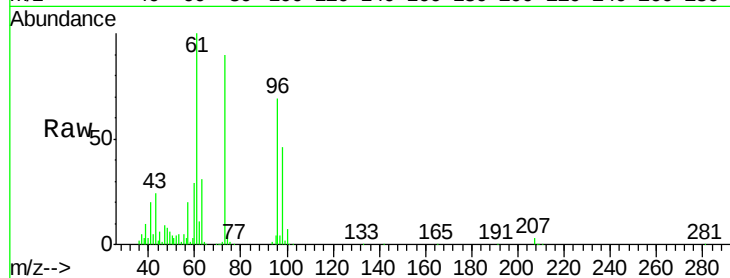




#19
Methvl tert-butvl Ether
Concen: 20.712 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW008571.D
Acq: 08 Feb 2019 13:55

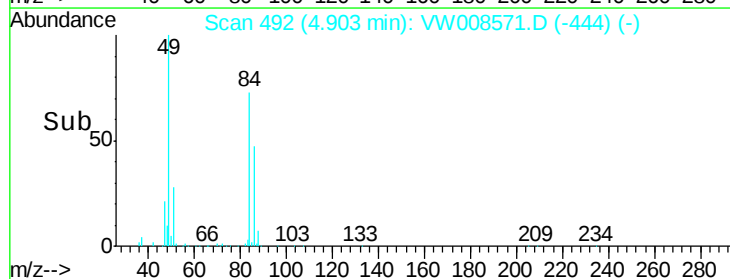
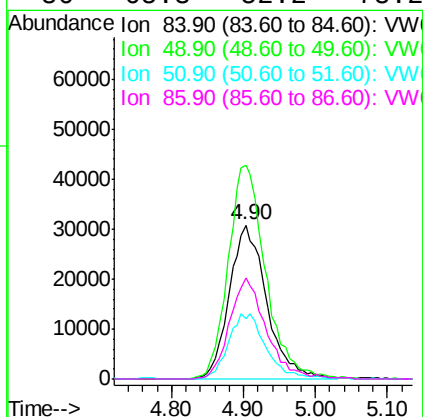
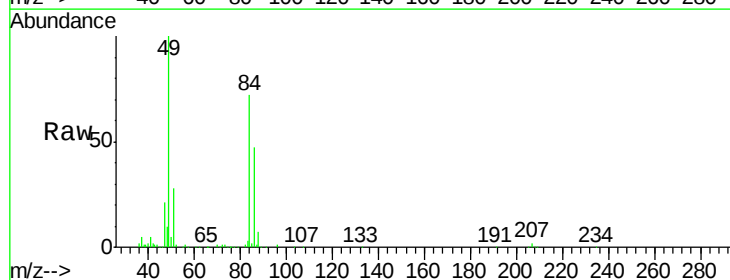
Instrument :
MSVOA_W
ClientSampleId :
VW0208SBS01

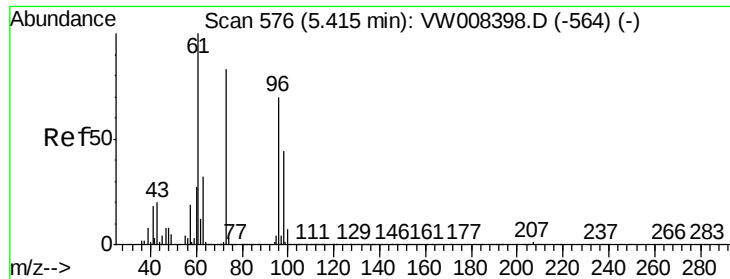
Tot Ion: 73 Resp: 164695
Ion Ratio Lower Upper
73 100
57 22.8 18.0 27.0



#20
Methylene Chloride
Concen: 20.741 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008571.D
Acq: 08 Feb 2019 13:55

Tgt Ion: 84 Resp: 110736
Ion Ratio Lower Upper
84 100
49 138.6 106.8 160.2
51 39.0 32.9 49.3
86 65.3 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 19.590 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW008571.D

Acq: 08 Feb 2019 13:55

Instrument :

MSVOA_W

ClientSampleId :

VW0208SBS01

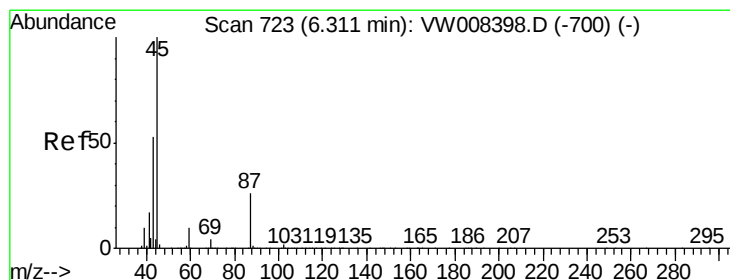
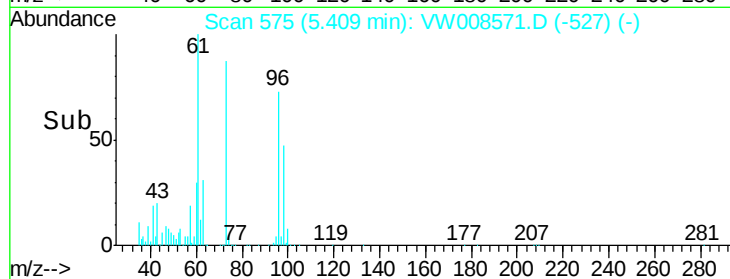
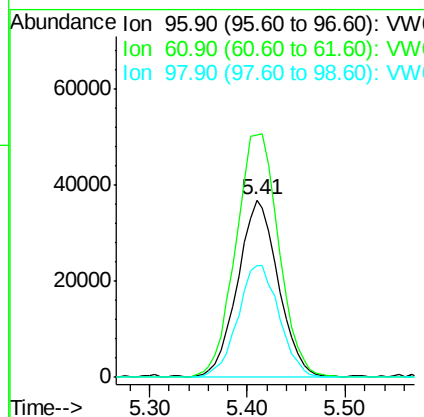
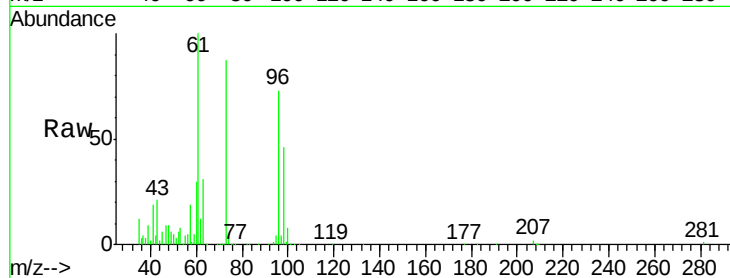
Tot Ion: 96 Resp: 105845

Ion Ratio Lower Upper

96 100

61 136.6 114.4 171.6

98 63.3 50.6 75.8



#22

Diisopropyl ether

Concen: 20.122 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW008571.D

Acq: 08 Feb 2019 13:55

Tgt Ion: 45 Resp: 348028

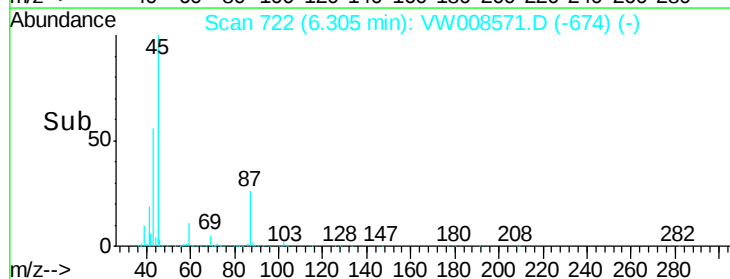
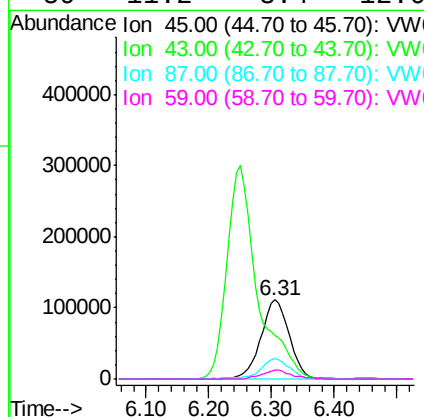
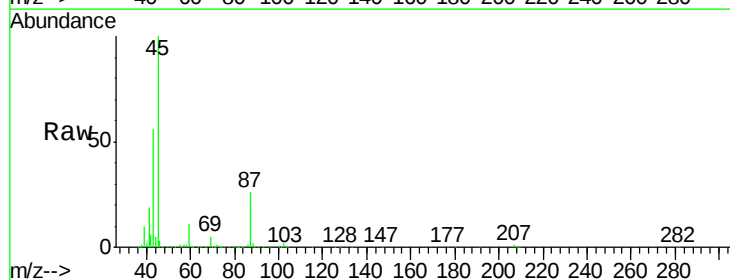
Ion Ratio Lower Upper

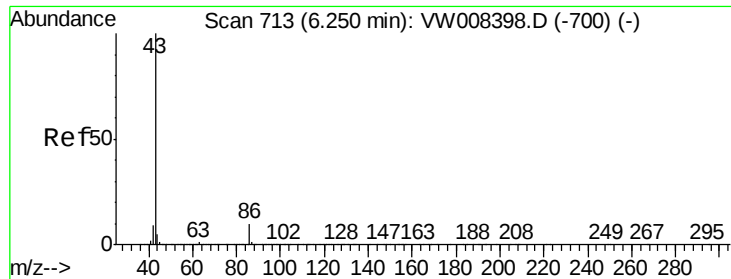
45 100

43 55.5 42.6 63.8

87 25.6 20.3 30.5

59 11.2 8.4 12.6





#23

Vinyl Acetate

Concen: 98.673 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW008571.D

Acq: 08 Feb 2019 13:55

Instrument :

MSVOA_W

ClientSampleId :

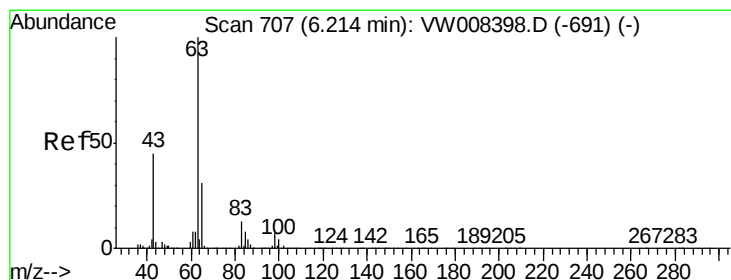
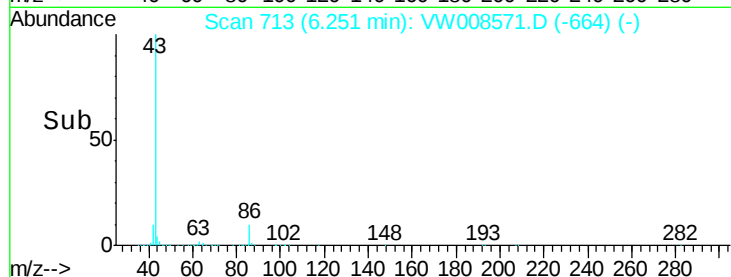
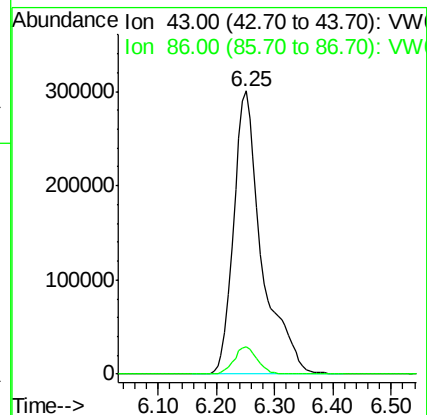
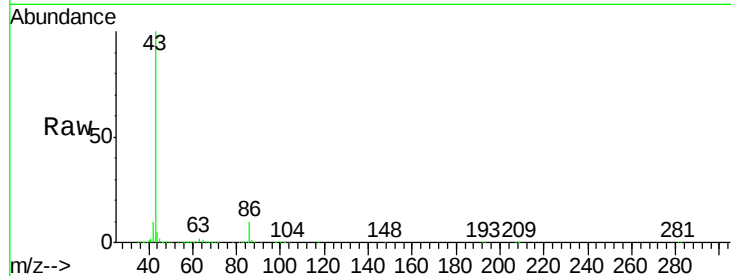
VW0208SBS01

Tot Ion: 43 Resp: 1007735

Ion Ratio Lower Upper

43 100

86 9.6 7.8 11.8



#24

1,1-Dichloroethane

Concen: 19.945 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW008571.D

Acq: 08 Feb 2019 13:55

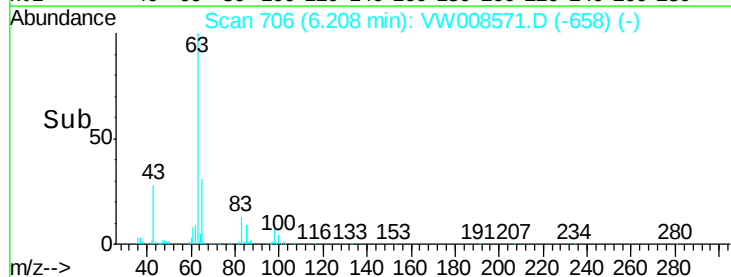
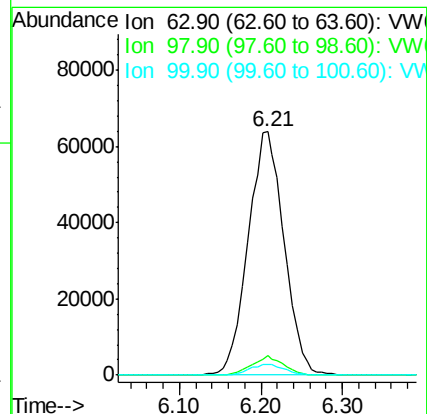
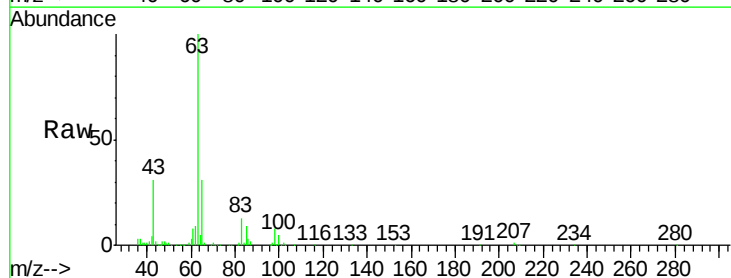
Tgt Ion: 63 Resp: 195268

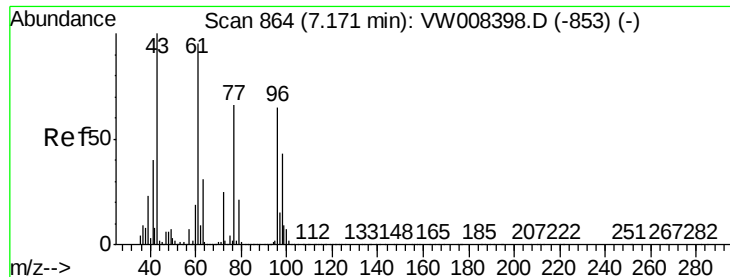
Ion Ratio Lower Upper

63 100

98 8.1 3.5 10.5

100 4.5 2.1 6.2





#25

2-Butanone

Concen: 94.058 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008571.D

Acq: 08 Feb 2019 13:55

Instrument :

MSVOA_W

ClientSampleId :

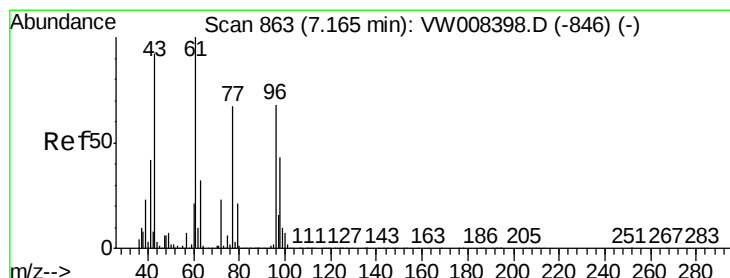
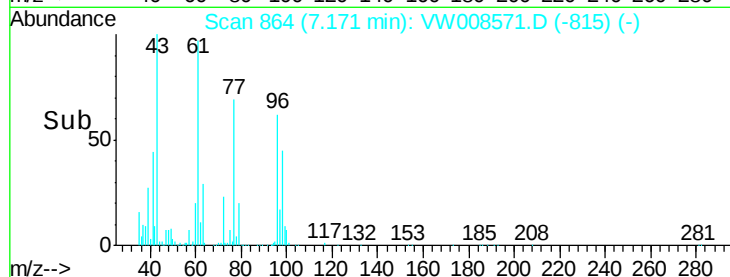
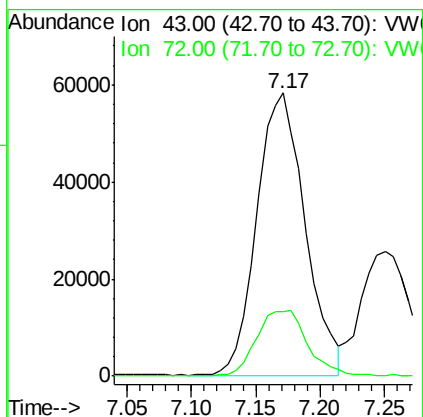
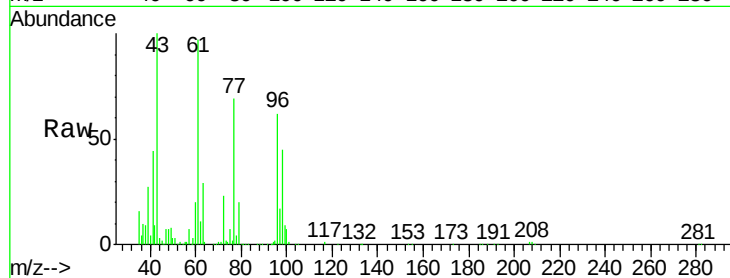
VW0208SBS01

Tot Ion: 43 Resp: 151333

Ion Ratio Lower Upper

43 100

72 23.1 20.1 30.1



#26

2,2-Dichloropropane

Concen: 20.959 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW008571.D

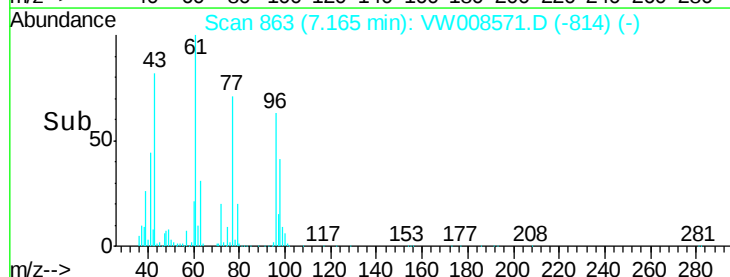
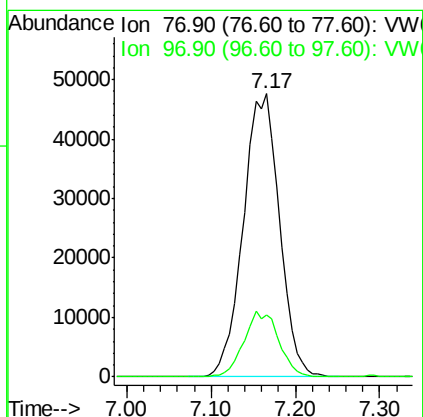
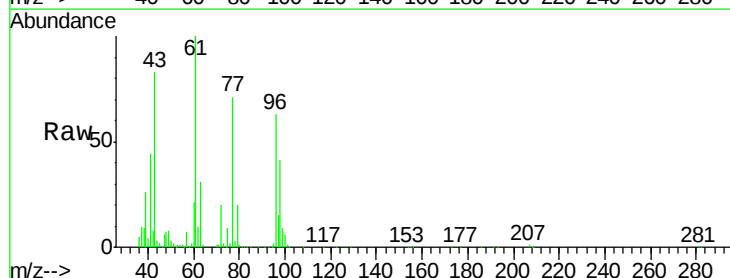
Acq: 08 Feb 2019 13:55

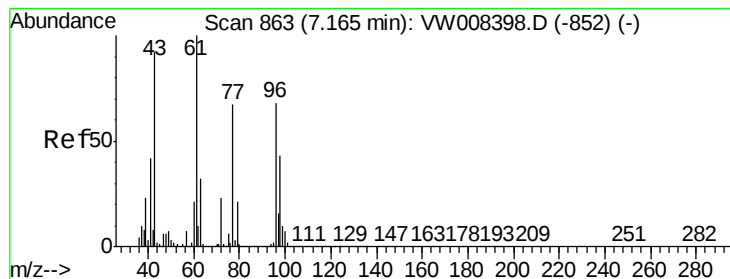
Tgt Ion: 77 Resp: 138696

Ion Ratio Lower Upper

77 100

97 22.3 11.5 34.5



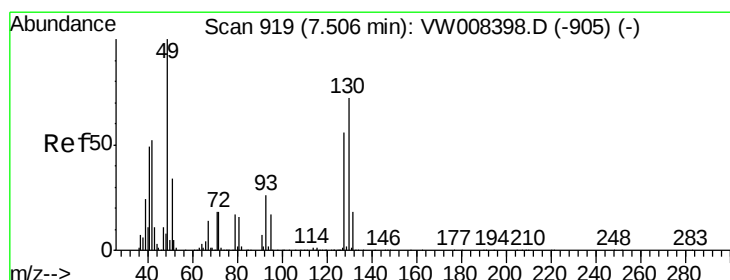
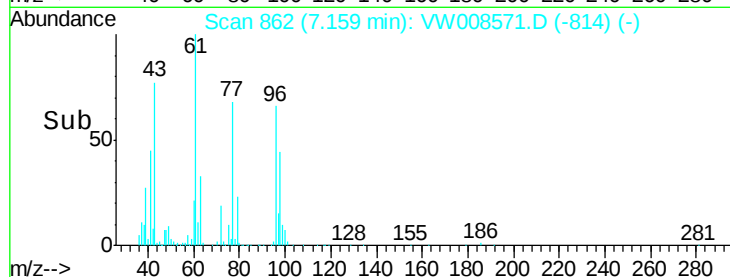
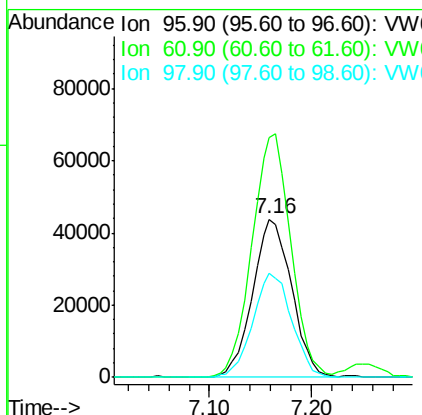
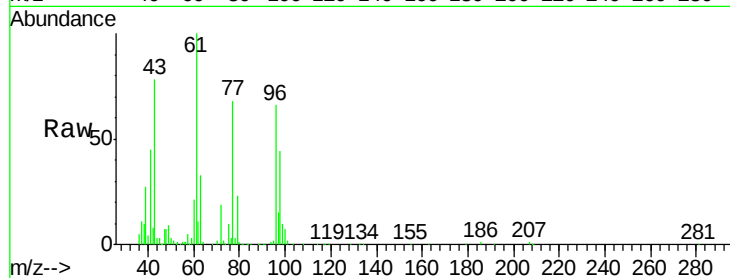


#27

cis-1,2-Dichloroethene
Concen: 19.628 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW008571.D
Acq: 08 Feb 2019 13:55

Instrument :
MSVOA_W
ClientSampleId :
VW0208SBS01

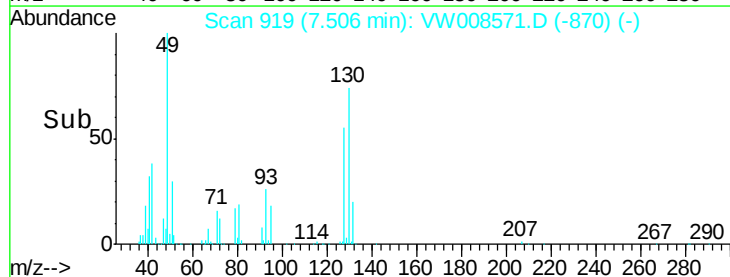
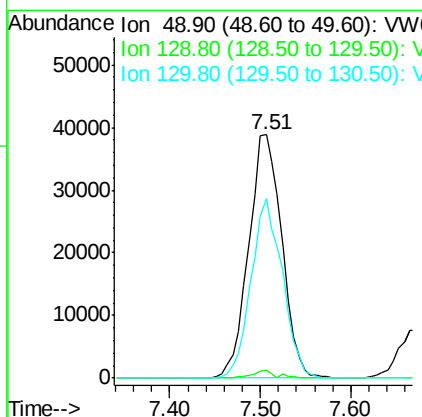
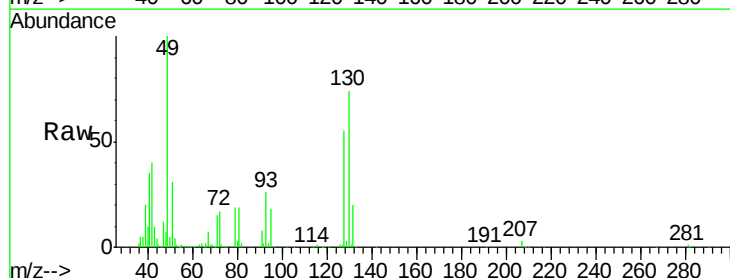
Tot Ion	Ratio	Lower	Upper
96	100		
61	154.3	0.0	292.8
98	66.5	0.0	129.2

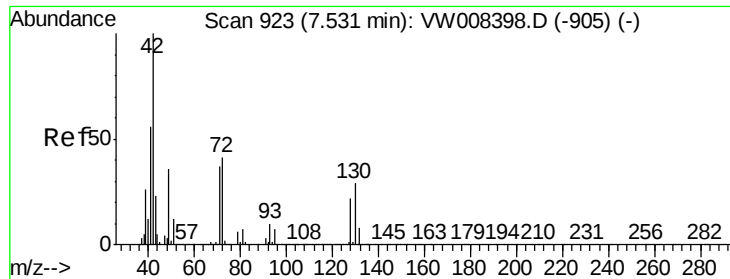


#28

Bromochloromethane
Concen: 21.835 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW008571.D
Acq: 08 Feb 2019 13:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.6
130	69.8	58.6	87.8

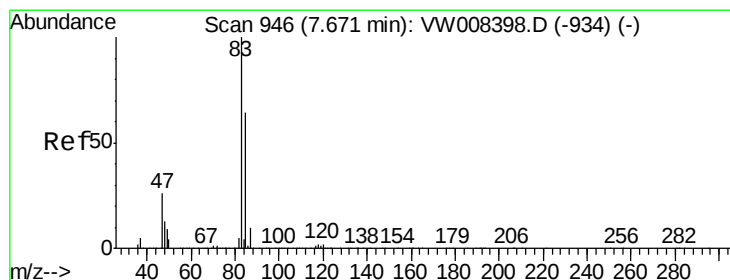
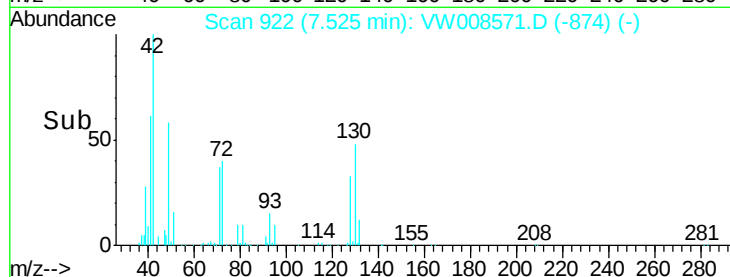
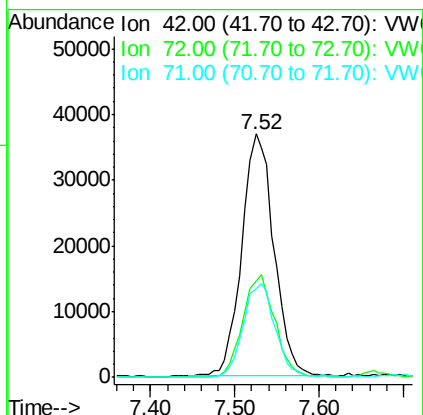
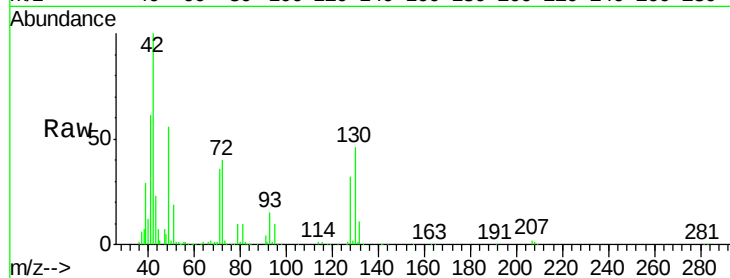




#29
Tetrahydrofuran
Concen: 93.750 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW008571.D
Acq: 08 Feb 2019 13:55

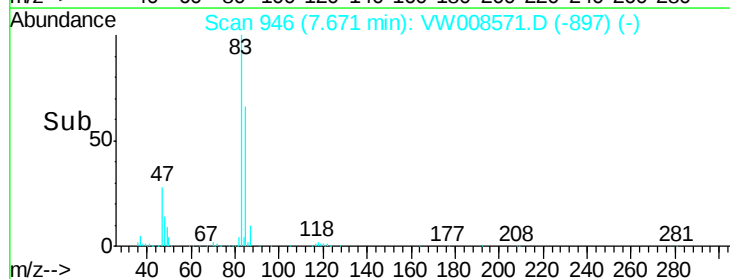
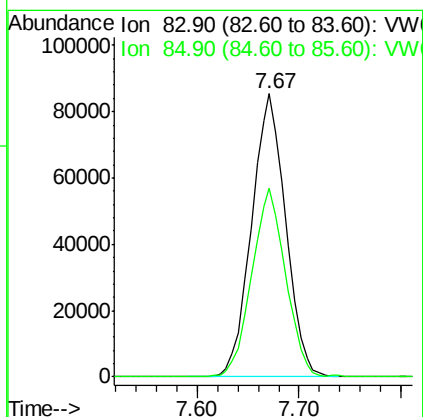
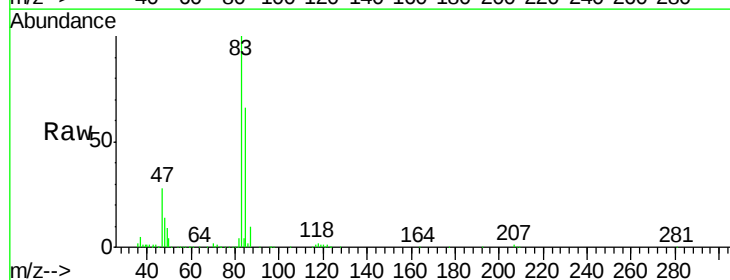
Instrument :
MSVOA_W
ClientSampleId :
VW0208SBS01

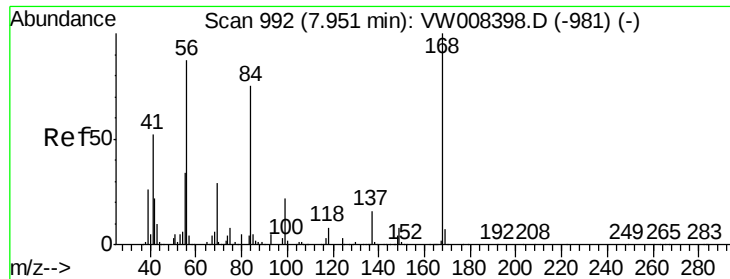
Tot Ion	Ratio	Lower	Upper
42	100		
72	42.0	31.9	47.9
71	38.4	29.9	44.9



#30
Chloroform
Concen: 20.631 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW008571.D
Acq: 08 Feb 2019 13:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	50.9	76.3

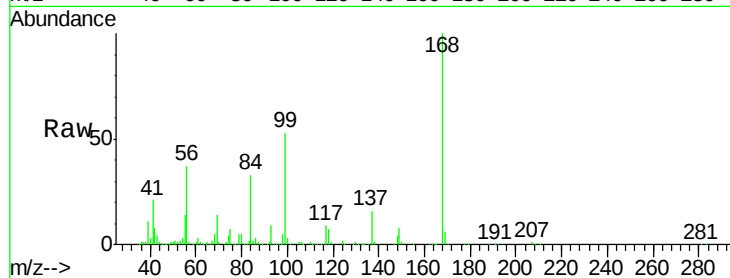




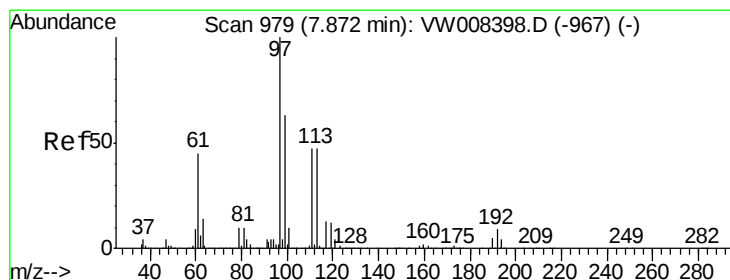
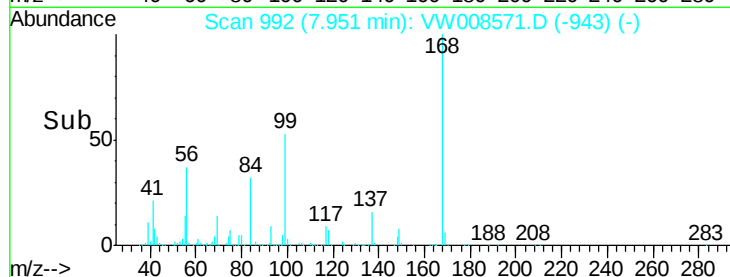
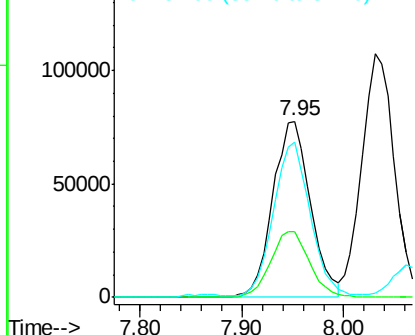
#31
Cvclohexane
Concen: 19.596 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW008571.D
Acq: 08 Feb 2019 13:55

Instrument :
MSVOA_W
ClientSampleId :
VW0208SBS01

Tot Ion: 56 Resp: 198379
Ion Ratio Lower Upper
56 100
69 37.2 26.4 39.6
84 86.8 69.1 103.7

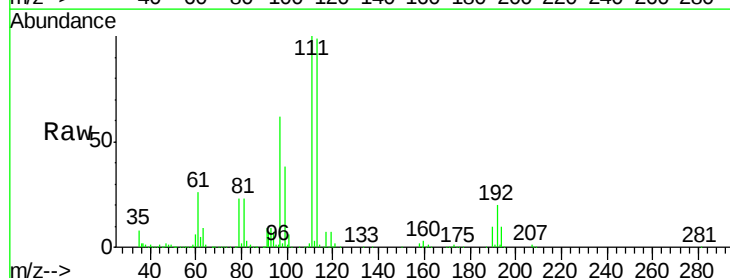


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

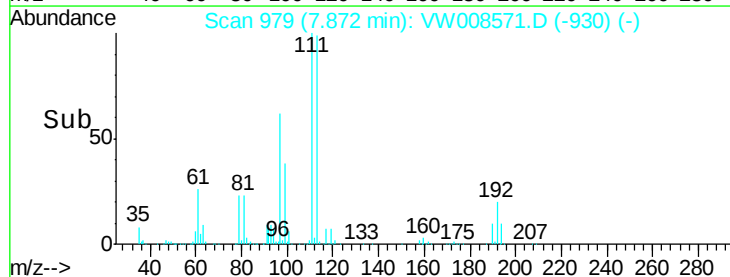
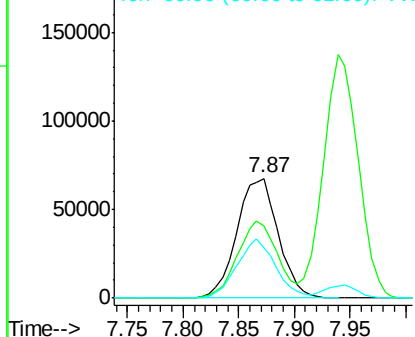


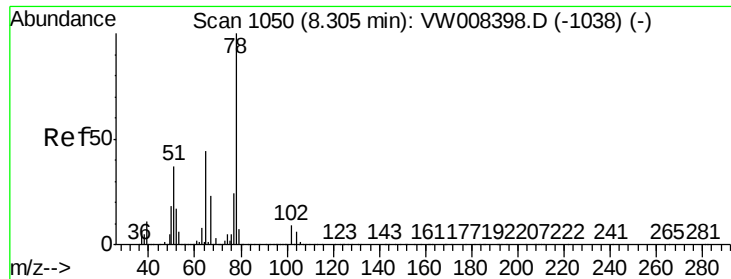
#32
1,1,1-Trichloroethane
Concen: 20.995 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW008571.D
Acq: 08 Feb 2019 13:55

Tgt Ion: 97 Resp: 174626
Ion Ratio Lower Upper
97 100
99 62.8 51.3 76.9
61 46.3 36.2 54.4



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





#33

1,2-Dichloroethane-d4

Concen: 59.209 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW008571.D

Acq: 08 Feb 2019 13:55

Instrument :

MSVOA_W

ClientSampleId :

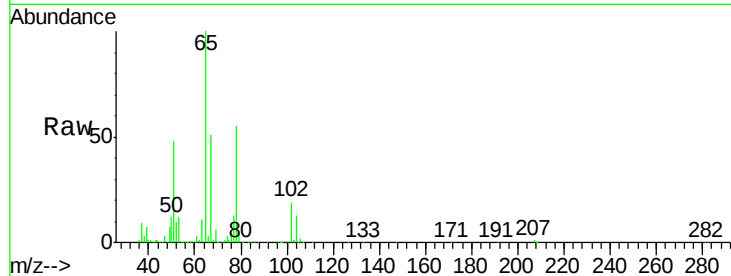
VW0208SBS01

Tot Ion: 65 Resp: 305414

Ion Ratio Lower Upper

65 100

67 50.7 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

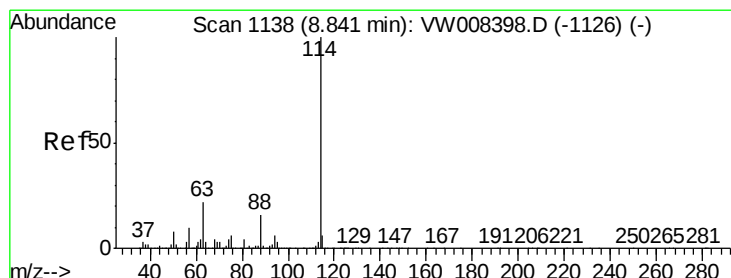
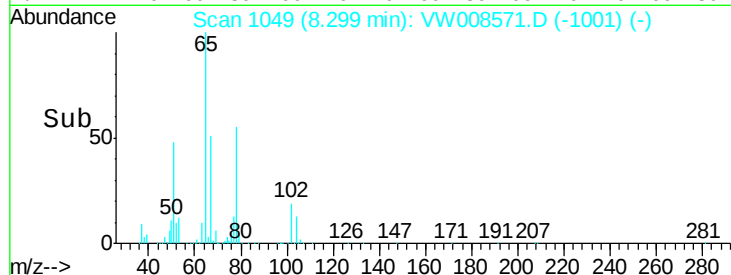
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008571.D

Acq: 08 Feb 2019 13:55

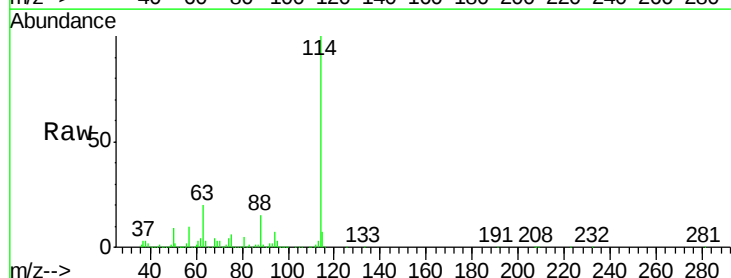
Tgt Ion: 114 Resp: 837911

Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.6

88 15.5 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

8.84

500000

400000

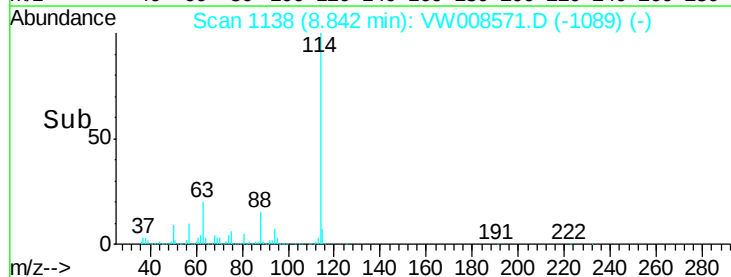
300000

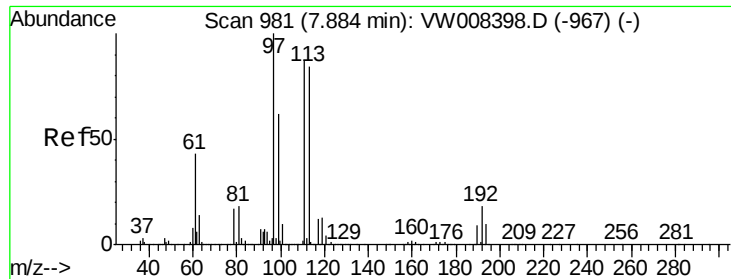
200000

100000

0

Time-->

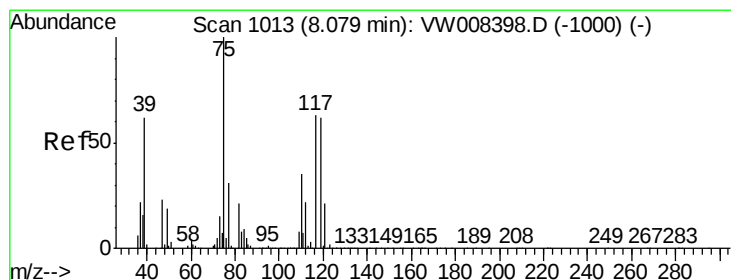
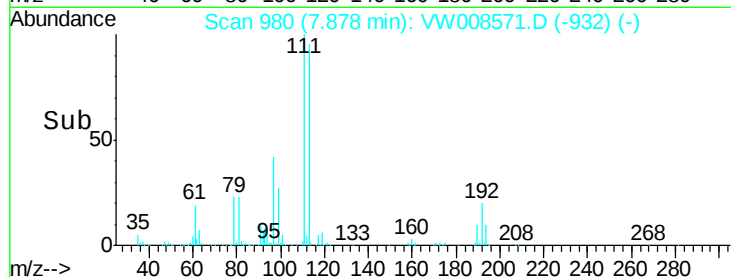
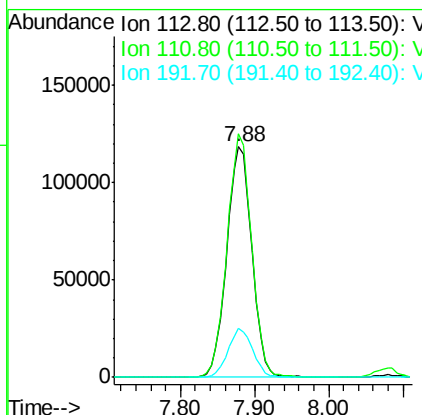
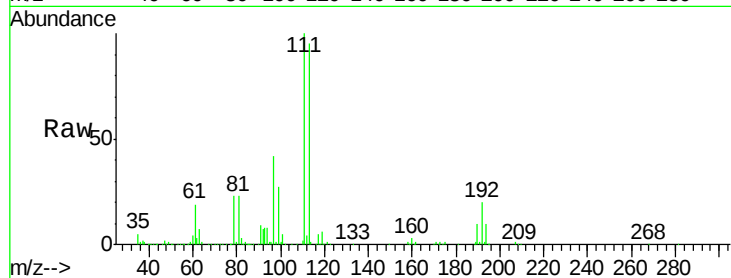




#35
 Dibromofluoromethane
 Concen: 57.032 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008571.D
 Acq: 08 Feb 2019 13:55

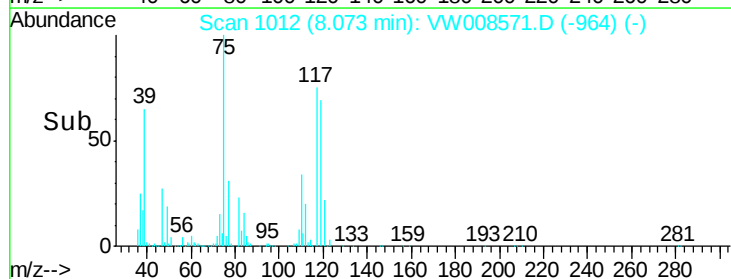
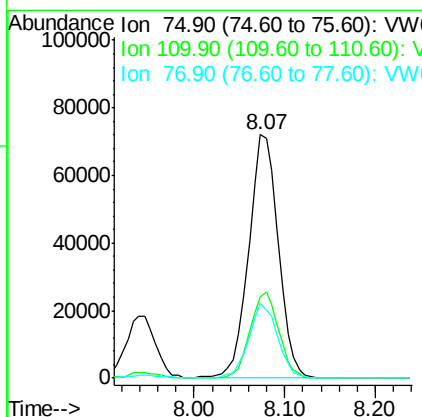
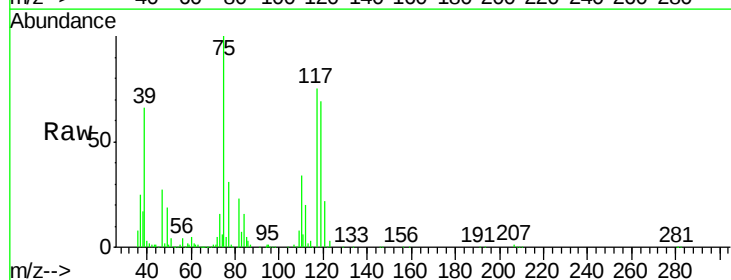
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0208SBS01

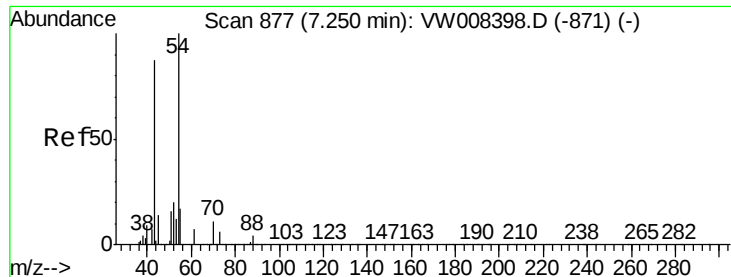
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.0	121.4
192	21.0	16.8	25.2



#36
 1,1-Dichloropropene
 Concen: 20.520 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: VW008571.D
 Acq: 08 Feb 2019 13:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.2	17.3	52.0
77	30.3	24.7	37.1

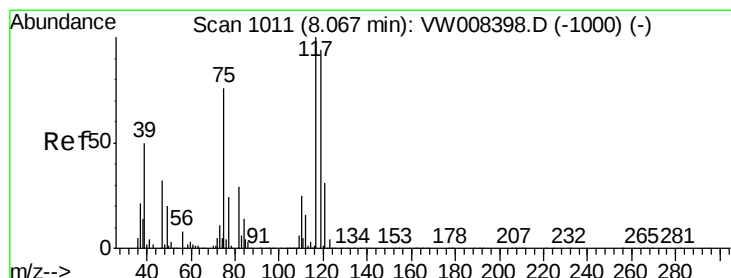
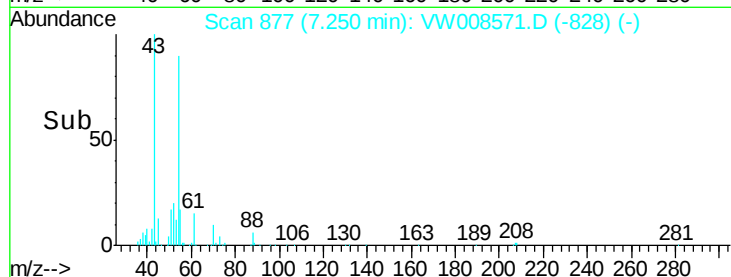
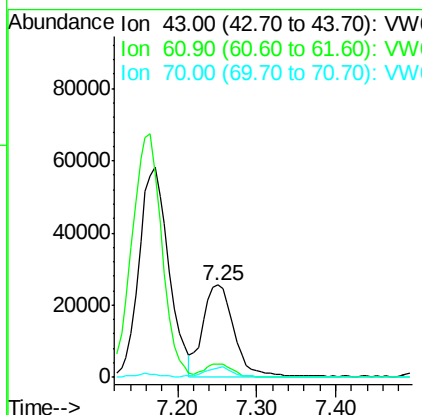
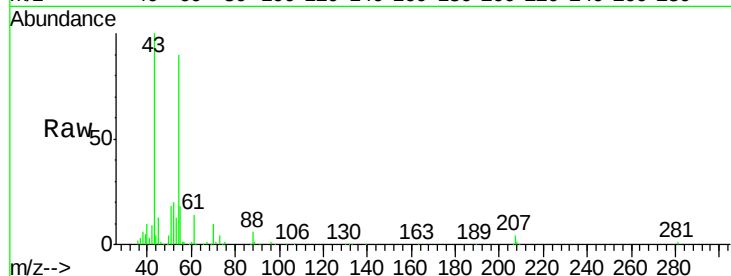




#37
Ethyl Acetate
Concen: 19.929 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW008571.D
Acq: 08 Feb 2019 13:55

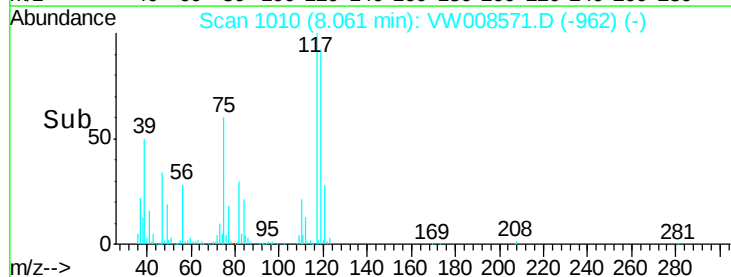
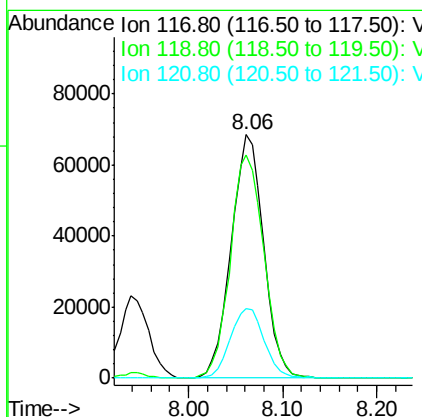
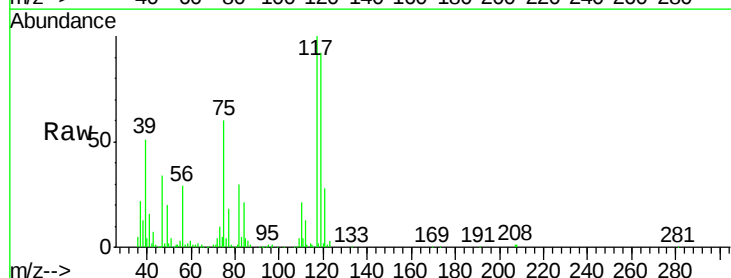
Instrument :
MSVOA_W
ClientSampleId :
VW0208SBS01

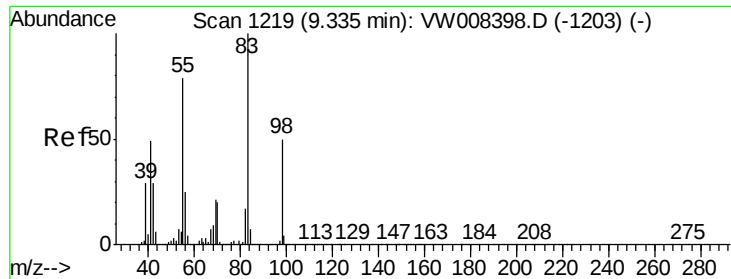
Tot Ion: 43 Resp: 69788
Ion Ratio Lower Upper
43 100
61 13.9 10.1 15.1
70 10.3 7.8 11.6



#38
Carbon Tetrachloride
Concen: 20.625 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW008571.D
Acq: 08 Feb 2019 13:55

Tgt Ion: 117 Resp: 164277
Ion Ratio Lower Upper
117 100
119 91.6 75.0 112.4
121 28.4 24.9 37.3

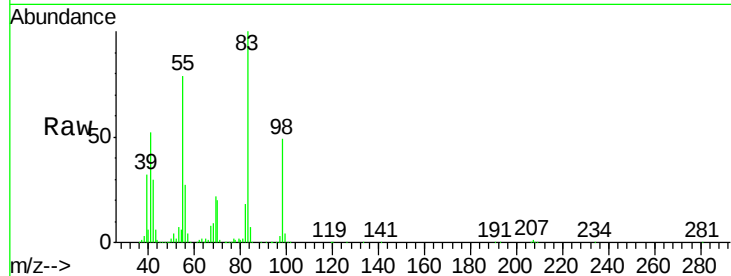




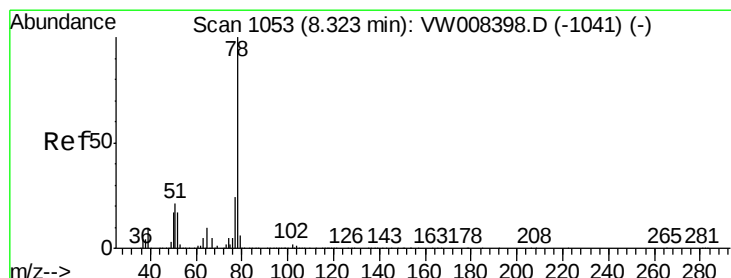
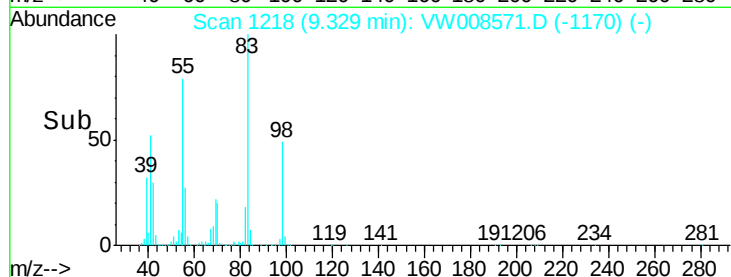
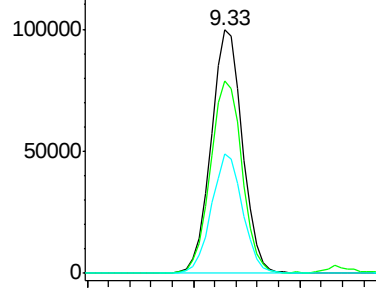
#39
Methvlcvclohexane
Concen: 19.823 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW008571.D
Acq: 08 Feb 2019 13:55

Instrument :
MSVOA_W
ClientSampleId :
VW0208SBS01

Tot Ion	83.00	Resp	206116
Ion	Ratio	Lower	Upper
83	100		
55	78.9	63.3	94.9
98	49.0	39.7	59.5

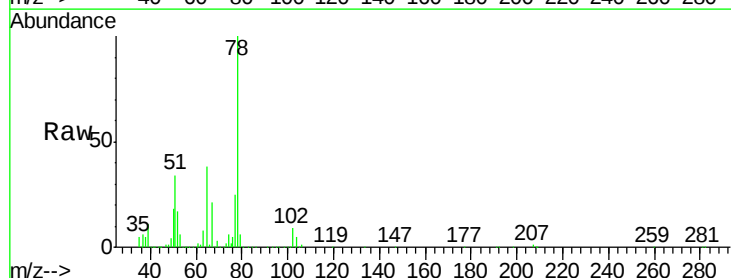


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

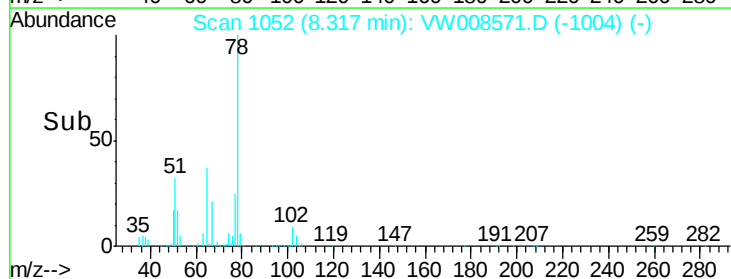
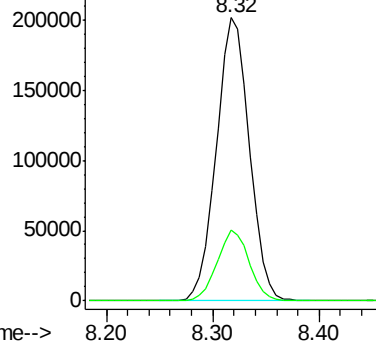


#40
Benzene
Concen: 19.967 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW008571.D
Acq: 08 Feb 2019 13:55

Tgt Ion	78.00	Resp	438534
Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.0	28.6



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

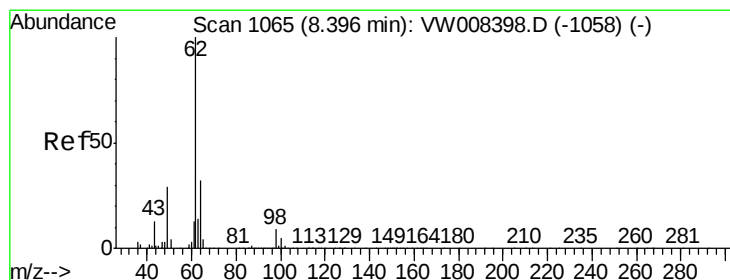
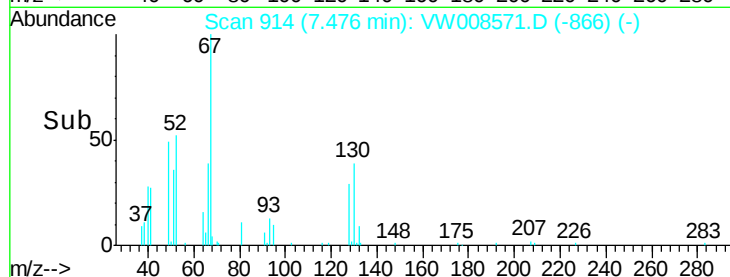
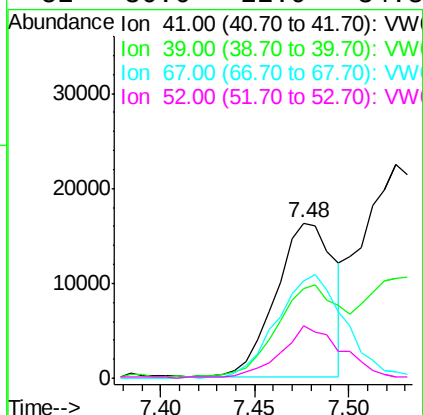
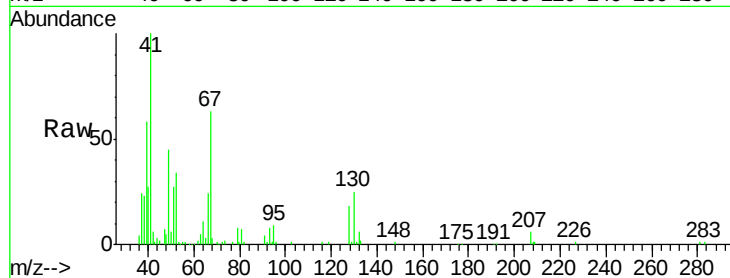




#41
Methacrylonitrile
Concen: 16.712 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW008571.D
Acq: 08 Feb 2019 13:55

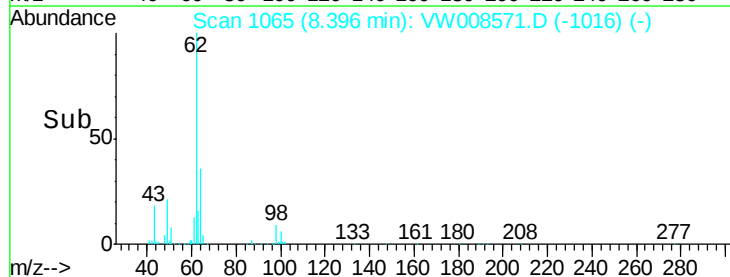
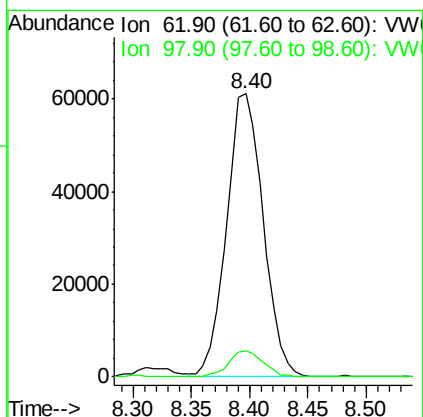
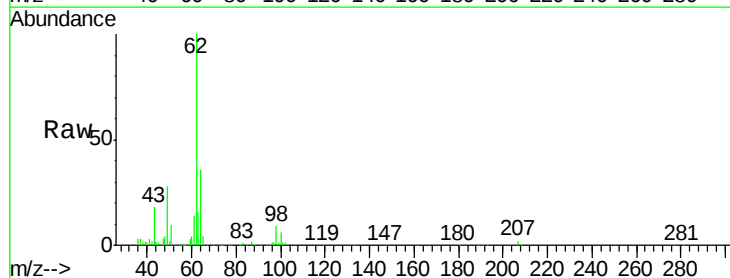
Instrument :
MSVOA_W
ClientSampleId :
VW0208SBS01

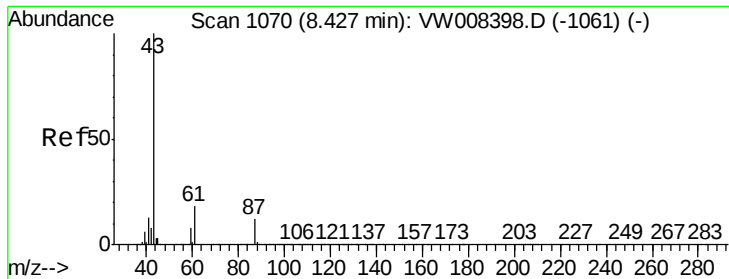
Tot Ion:	41	Resp:	34652
Ion	Ratio	Lower	Upper
41	100		
39	68.1	43.4	65.0#
67	79.6	54.2	81.2
52	36.6	22.9	34.3#



#42
1,2-Dichloroethane
Concen: 21.048 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW008571.D
Acq: 08 Feb 2019 13:55

Tgt Ion:	62	Resp:	133965
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.6





#43

Isopropyl Acetate

Concen: 19.576 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW008571.D

Acq: 08 Feb 2019 13:55

Instrument :

MSVOA_W

ClientSampleId :

VW0208SBS01

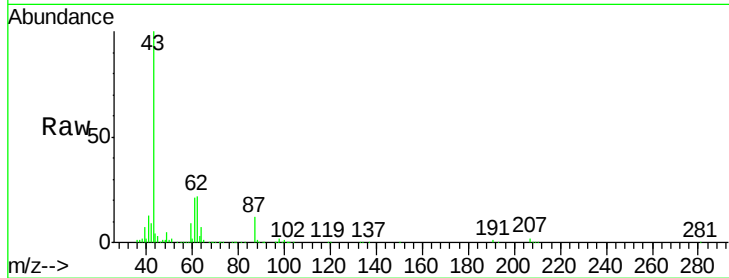
Tot Ion: 43 Resp: 142417

Ion Ratio Lower Upper

43 100

61 28.7 22.0 33.0

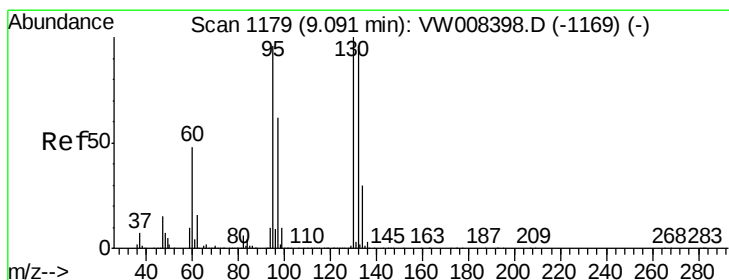
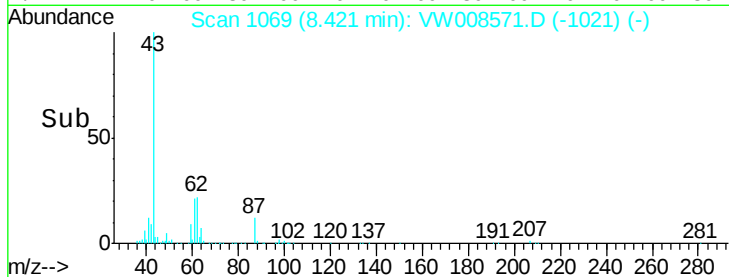
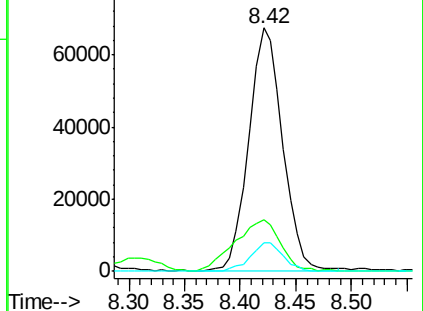
87 11.6 9.3 13.9



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: 19.937 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008571.D

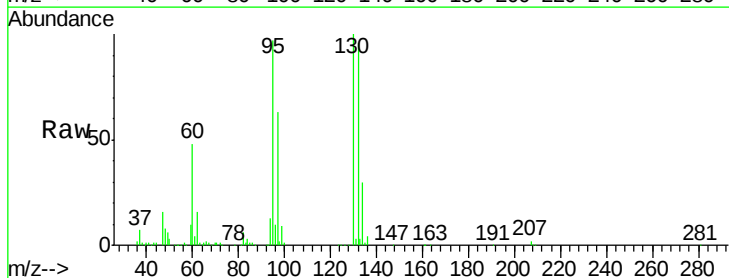
Acq: 08 Feb 2019 13:55

Tgt Ion:130 Resp: 119072

Ion Ratio Lower Upper

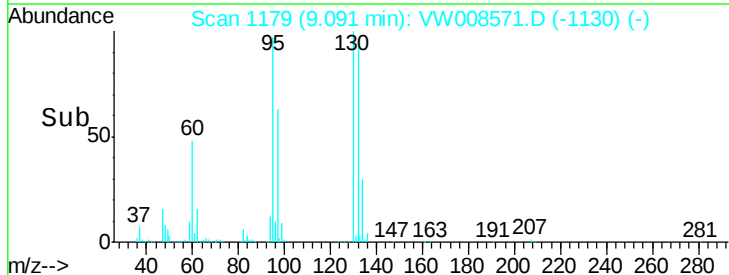
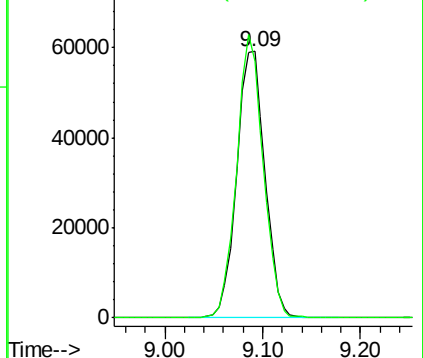
130 100

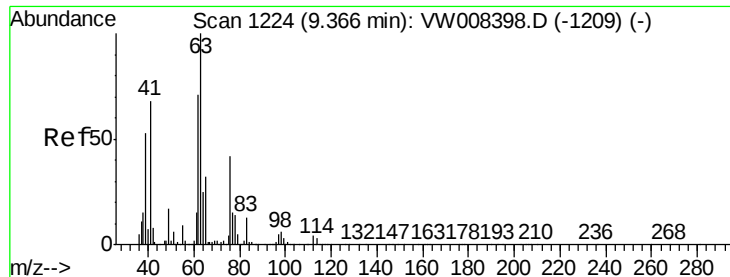
95 96.5 0.0 191.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

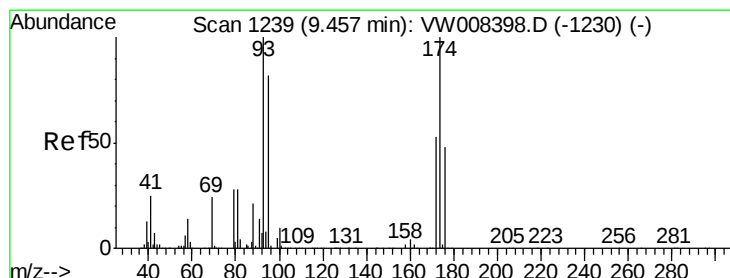
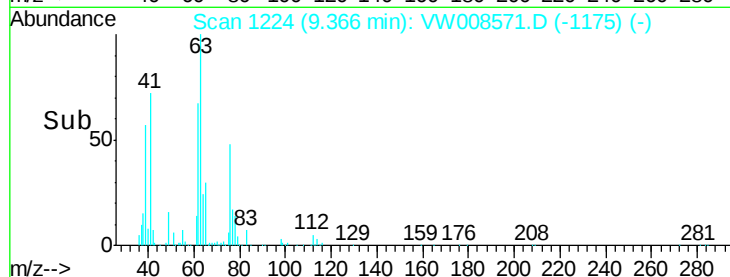
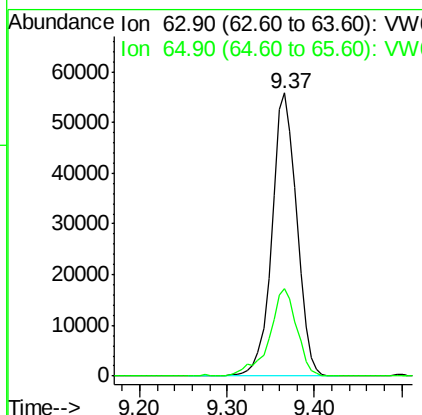
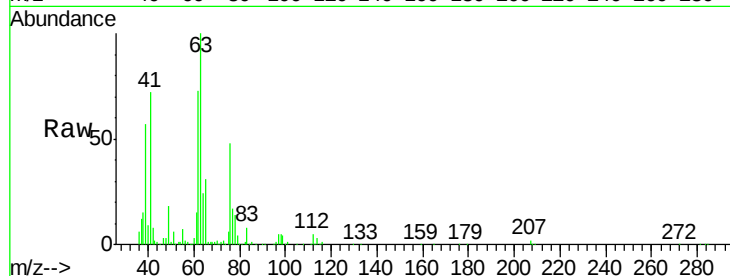




#45
 1,2-Dichloropropane
 Concen: 20.319 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW008571.D
 Acq: 08 Feb 2019 13:55

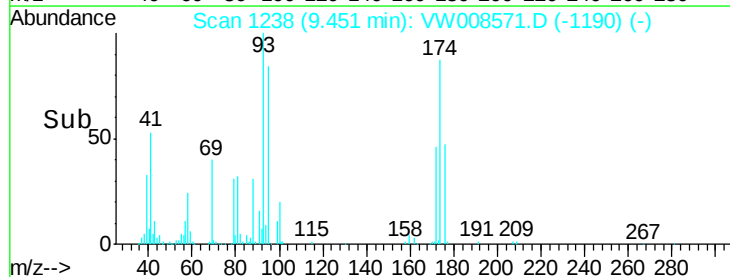
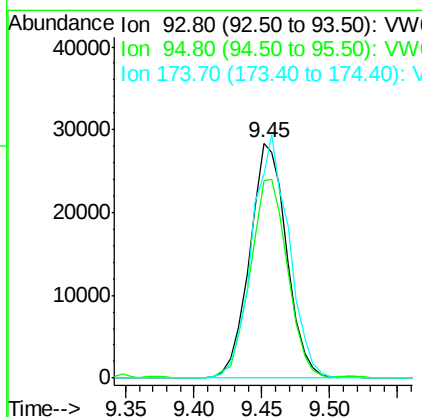
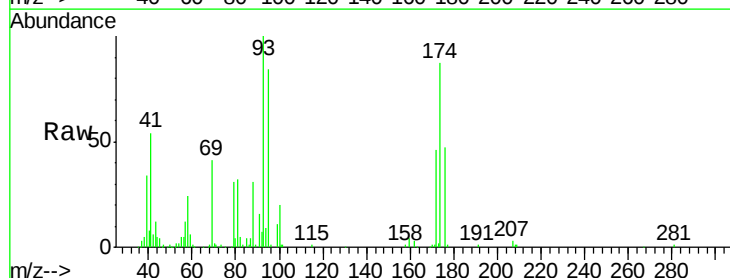
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0208SBS01

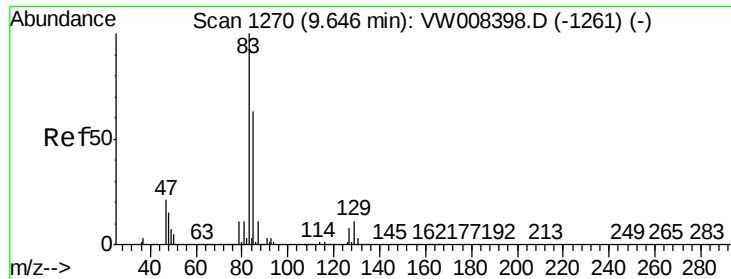
Tot Ion: 63 Resp: 111273
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.2 37.8



#46
 Dibromomethane
 Concen: 19.100 ug/l
 RT: 9.45 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: VW008571.D
 Acq: 08 Feb 2019 13:55

Tgt Ion: 93 Resp: 53798
 Ion Ratio Lower Upper
 93 100
 95 86.8 65.9 98.9
 174 103.5 81.0 121.6





#47

Bromodichloromethane

Concen: 19.829 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008571.D

Acq: 08 Feb 2019 13:55

Instrument :

MSVOA_W

ClientSampleId :

VW0208SBS01

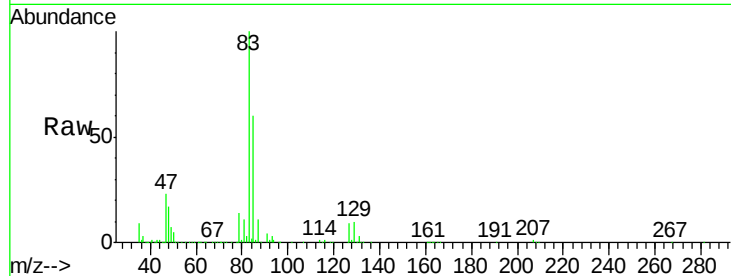
Tot Ion: 83 Resp: 147729

Ion Ratio Lower Upper

83 100

85 60.3 50.8 76.2

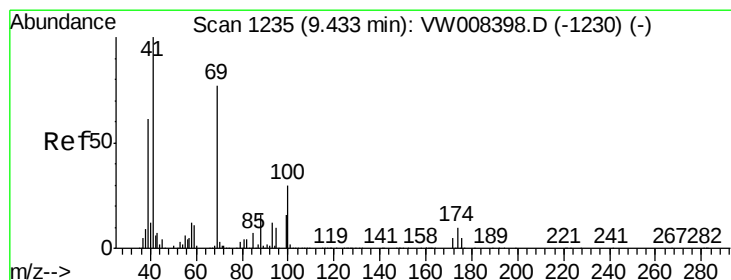
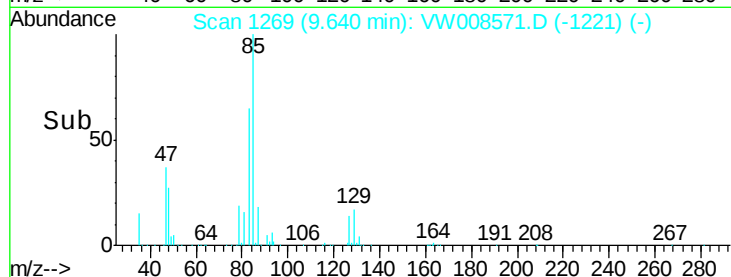
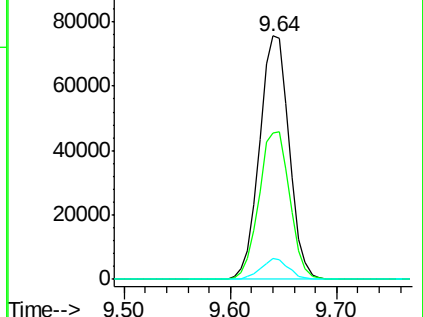
127 8.5 6.8 10.2



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: 18.457 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW008571.D

Acq: 08 Feb 2019 13:55

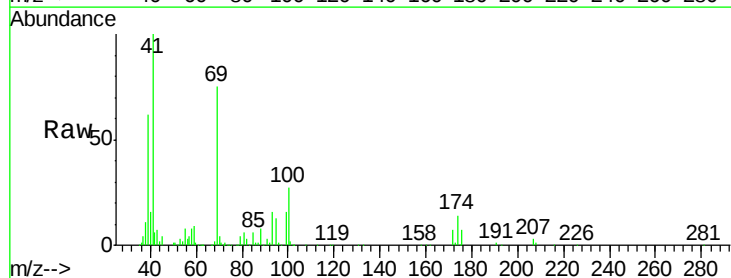
Tgt Ion: 41 Resp: 65658

Ion Ratio Lower Upper

41 100

69 81.3 64.8 97.2

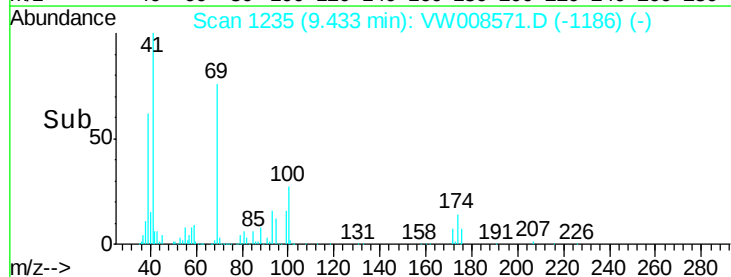
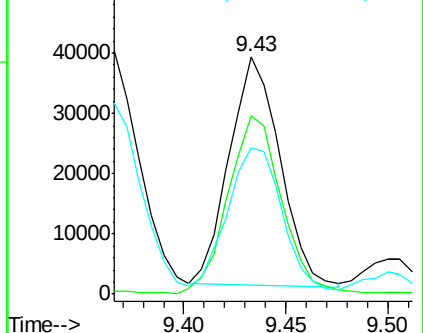
39 65.8 49.1 73.7

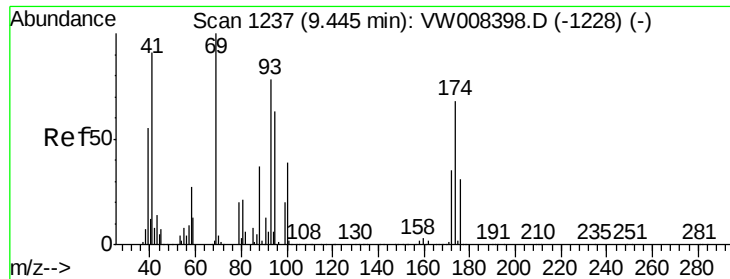


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 369.378 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW008571.D

Acq: 08 Feb 2019 13:55

Instrument :
MSVOA_W
ClientSampleId :
VW0208SBS01

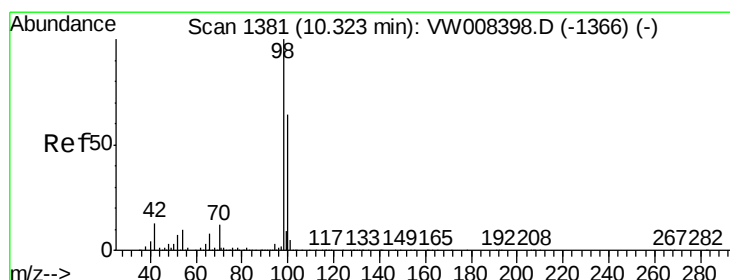
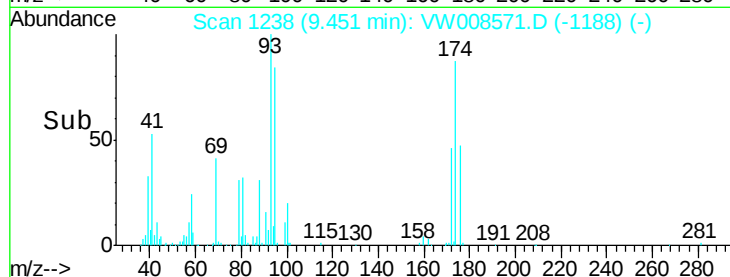
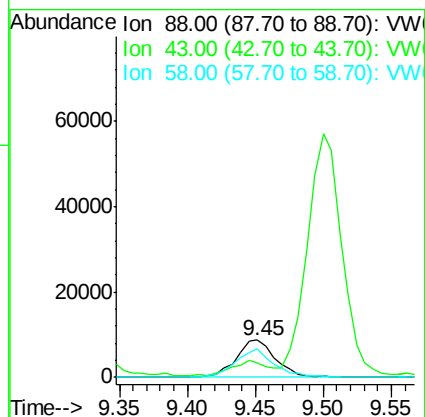
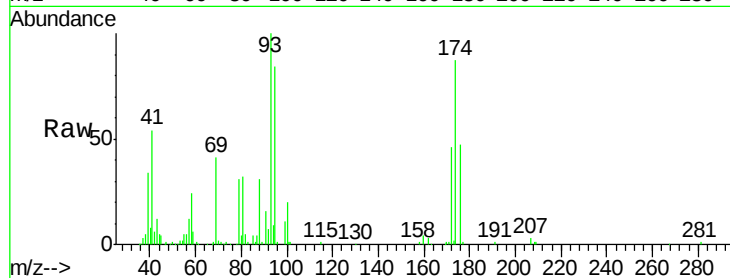
Tot Ion: 88 Resp: 17586

Ion Ratio Lower Upper

88 100

43 36.1 29.0 43.4

58 76.1 56.4 84.6



#50

Toluene-d8

Concen: 59.391 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008571.D

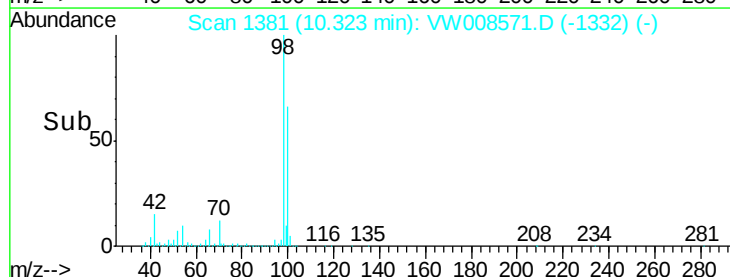
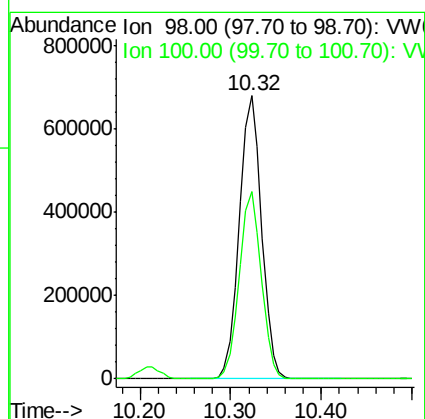
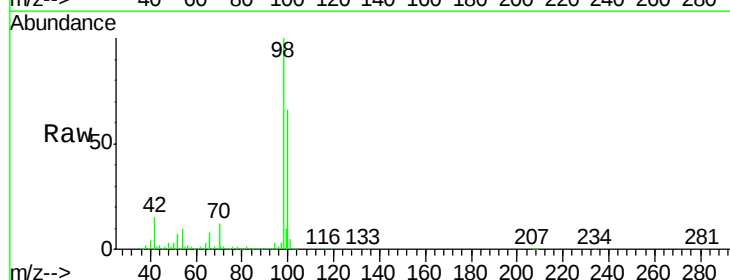
Acq: 08 Feb 2019 13:55

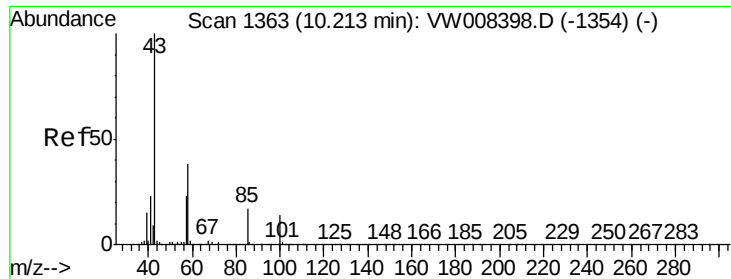
Tgt Ion: 98 Resp: 1166882

Ion Ratio Lower Upper

98 100

100 65.5 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 98.056 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.01 min

Lab File: VW008571.D

Acq: 08 Feb 2019 13:55

Instrument :

MSVOA_W

ClientSampleId :

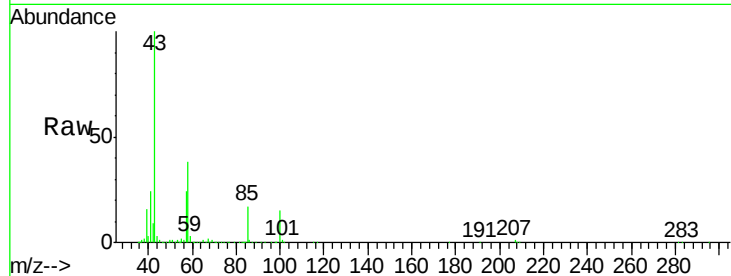
VW0208SBS01

Tot Ion: 43 Resp: 352426

Ion Ratio Lower Upper

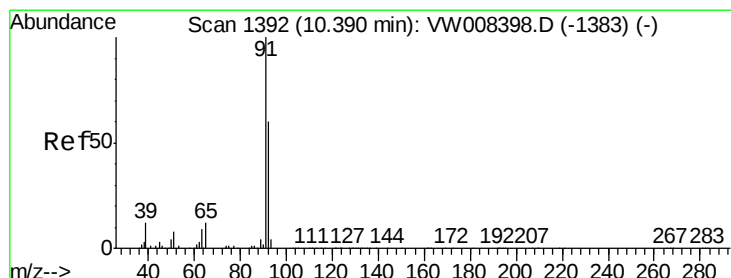
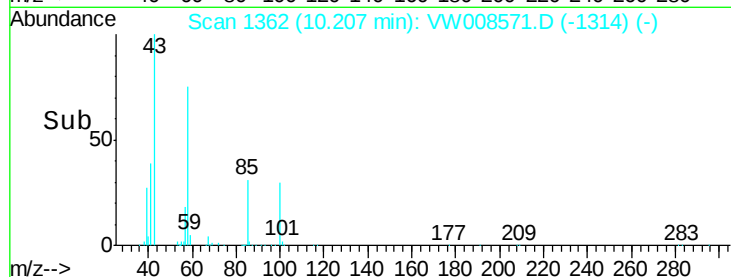
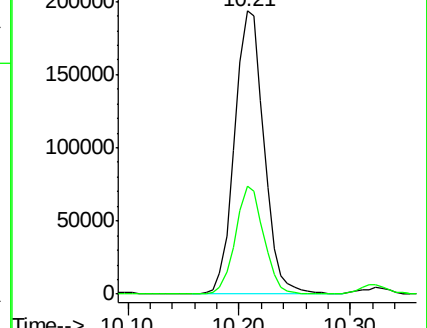
43 100

58 36.9 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 21.049 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008571.D

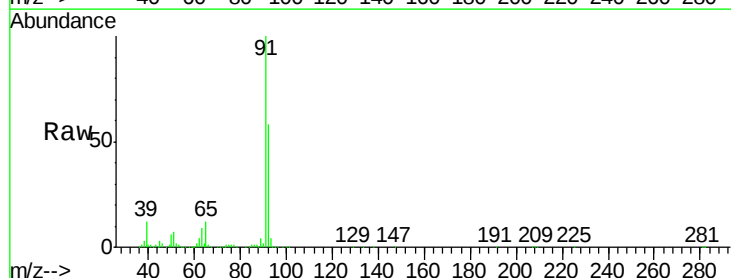
Acq: 08 Feb 2019 13:55

Tgt Ion: 92 Resp: 305178

Ion Ratio Lower Upper

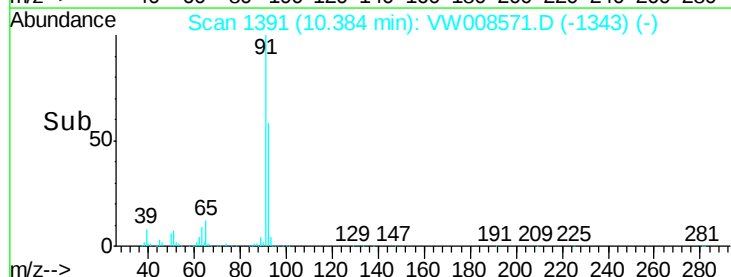
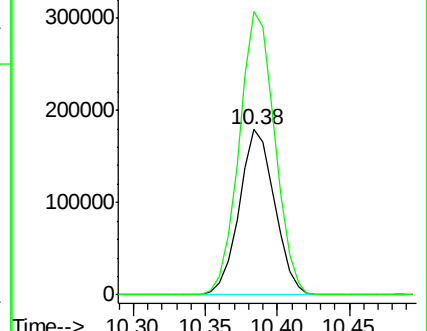
92 100

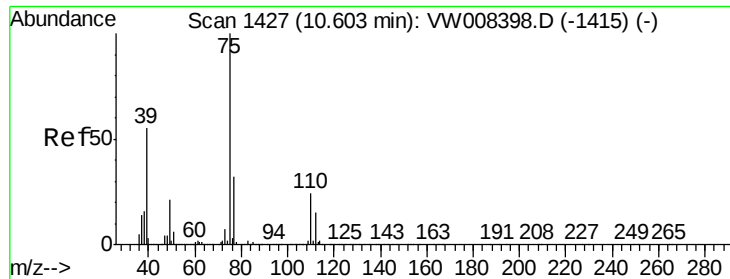
91 172.3 135.5 203.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 20.520 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008571.D

Acq: 08 Feb 2019 13:55

Instrument :

MSVOA_W

ClientSampled :

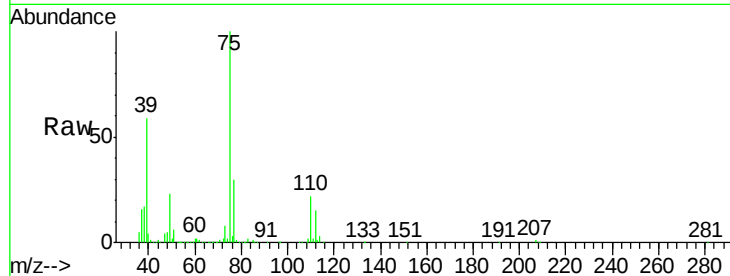
VW0208SBS01

Tot Ion: 75 Resp: 162670

Ion Ratio Lower Upper

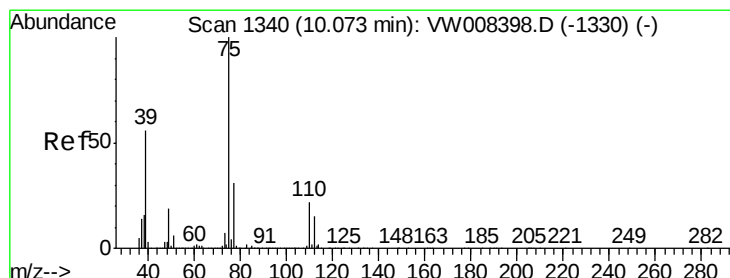
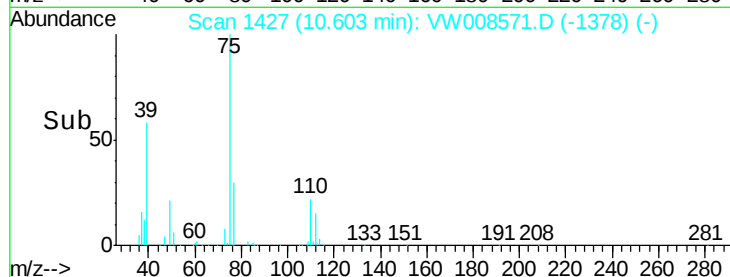
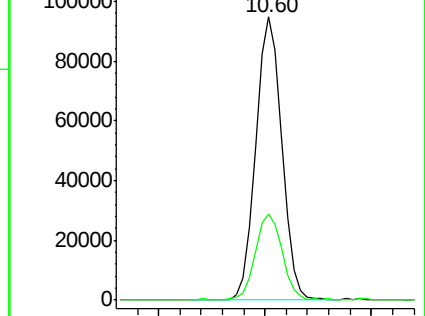
75 100

77 30.2 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 19.903 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008571.D

Acq: 08 Feb 2019 13:55

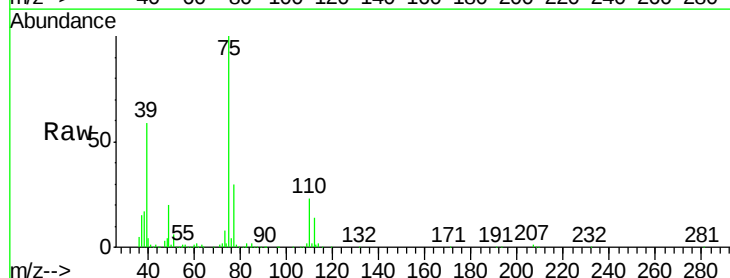
Tgt Ion: 75 Resp: 179051

Ion Ratio Lower Upper

75 100

77 30.1 25.0 37.4

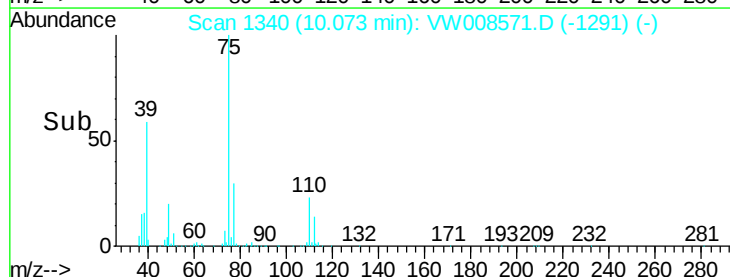
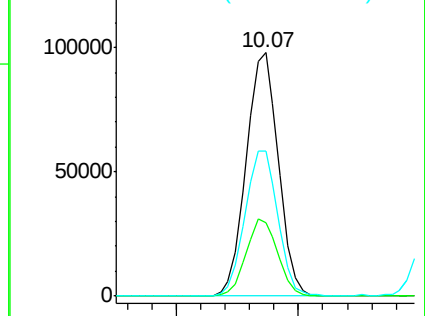
39 59.2 44.9 67.3

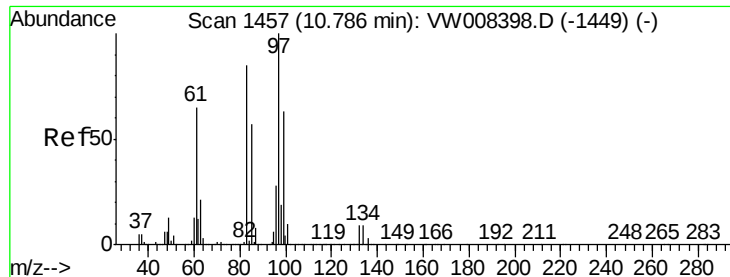


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

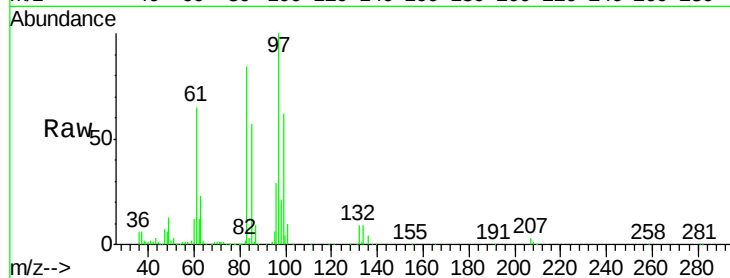




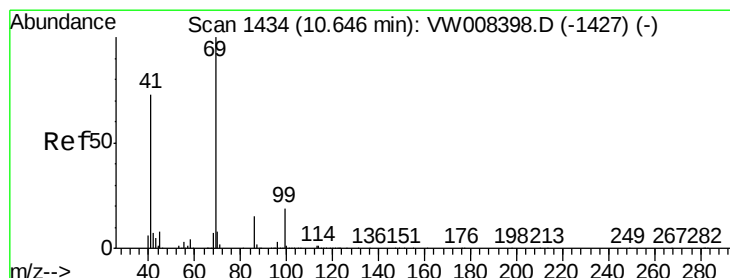
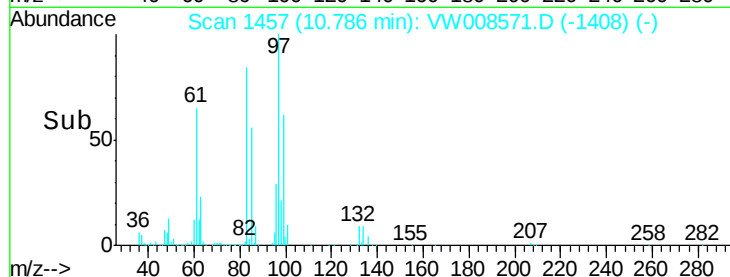
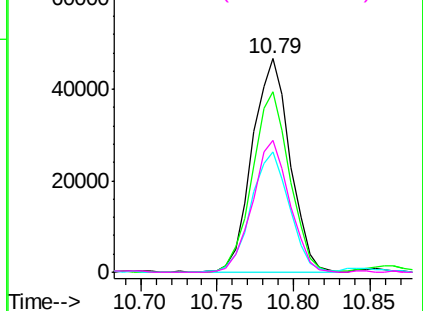
#55
 1,1,2-Trichloroethane
 Concen: 20.602 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008571.D
 Acq: 08 Feb 2019 13:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0208SBS01

Tot Ion:	97	Resp:	80487
Ion	Ratio	Lower	Upper
97	100		
83	84.4	68.4	102.6
85	56.6	45.3	67.9
99	62.0	50.6	76.0

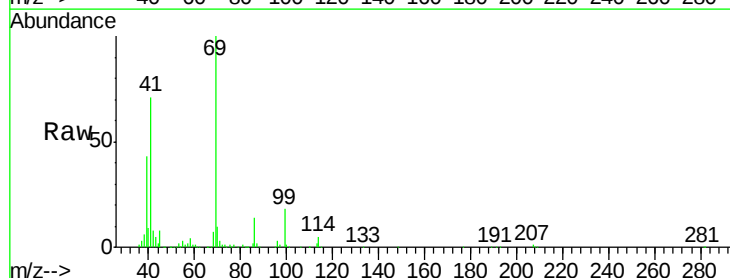


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

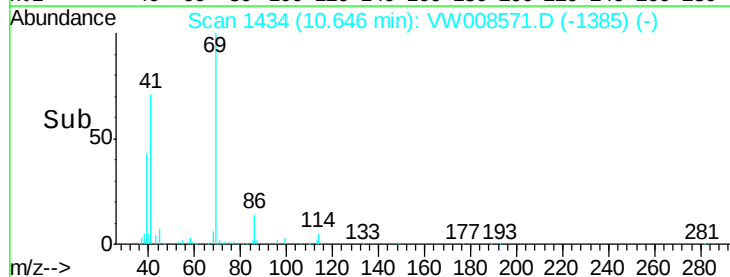
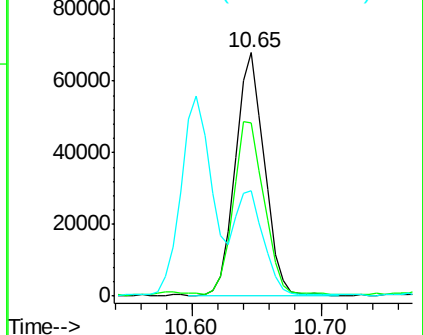


#56
 Ethyl methacrylate
 Concen: 19.341 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008571.D
 Acq: 08 Feb 2019 13:55

Tgt Ion:	69	Resp:	105878
Ion	Ratio	Lower	Upper
69	100		
41	75.8	58.7	88.1
39	41.0	32.6	48.8



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

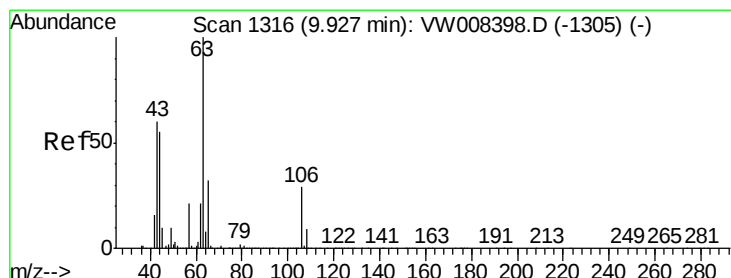
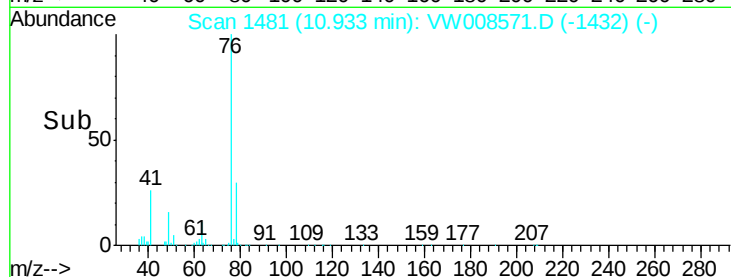
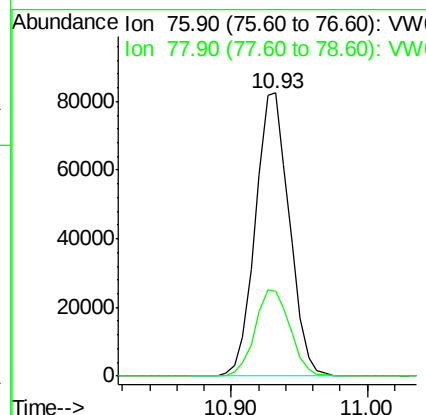
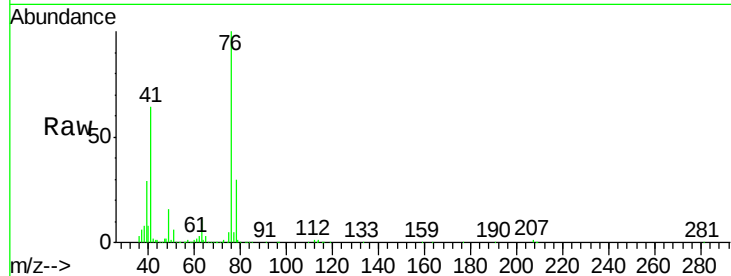




#57
 1,3-Dichloropropane
 Concen: 20.626 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008571.D
 Acq: 08 Feb 2019 13:55

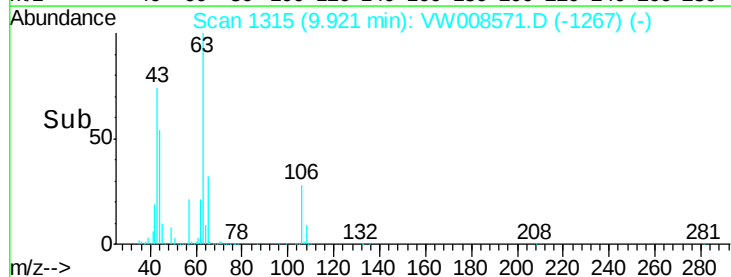
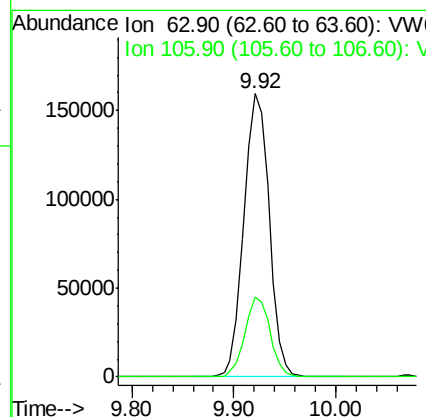
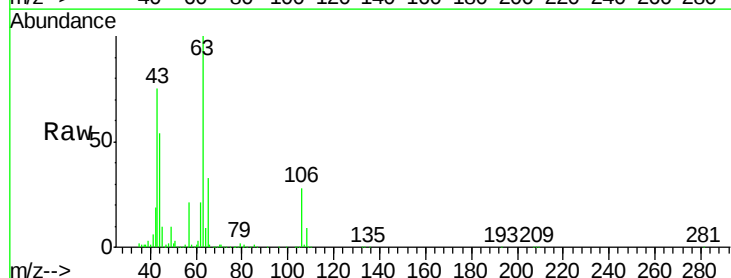
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0208SBS01

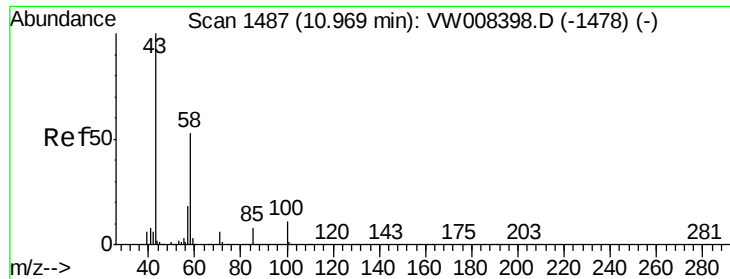
Tot Ion: 76 Resp: 144366
 Ion Ratio Lower Upper
 76 100
 78 31.2 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.458 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW008571.D
 Acq: 08 Feb 2019 13:55

Tgt Ion: 63 Resp: 275180
 Ion Ratio Lower Upper
 63 100
 106 28.1 22.4 33.6





#59

2-Hexanone

Concen: 98.094 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW008571.D

Acq: 08 Feb 2019 13:55

Instrument :

MSVOA_W

ClientSampleId :

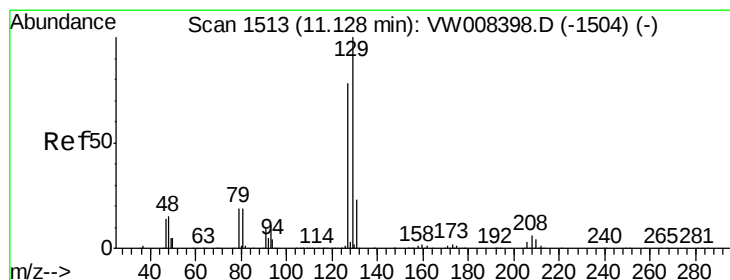
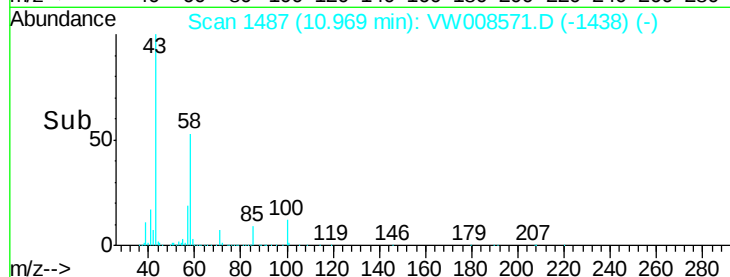
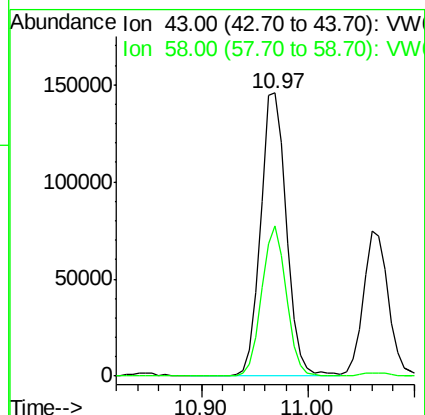
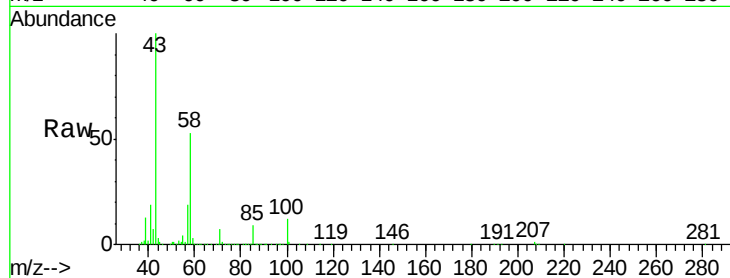
VW0208SBS01

Tot Ion: 43 Resp: 248896

Ion Ratio Lower Upper

43 100

58 50.6 25.9 77.7



#60

Dibromochloromethane

Concen: 19.371 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW008571.D

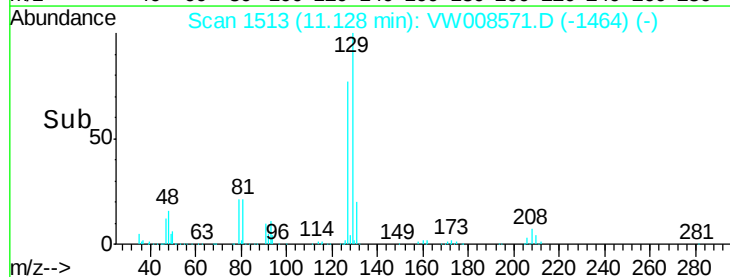
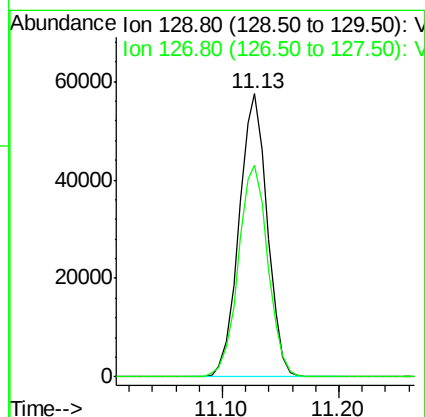
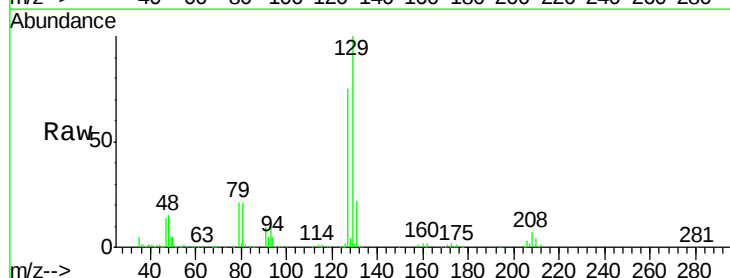
Acq: 08 Feb 2019 13:55

Tgt Ion: 129 Resp: 97253

Ion Ratio Lower Upper

129 100

127 78.4 39.1 117.2

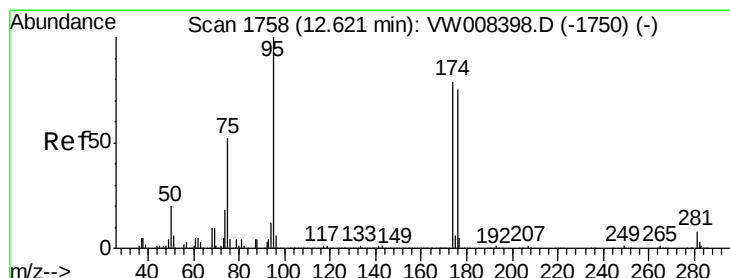
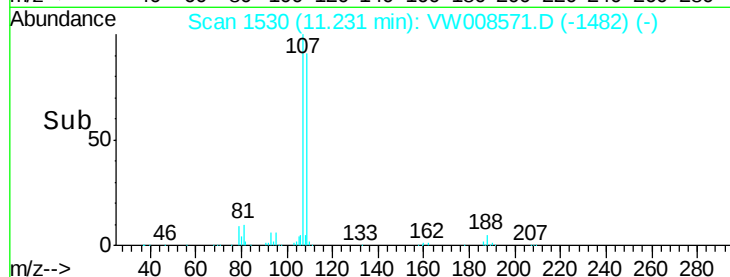
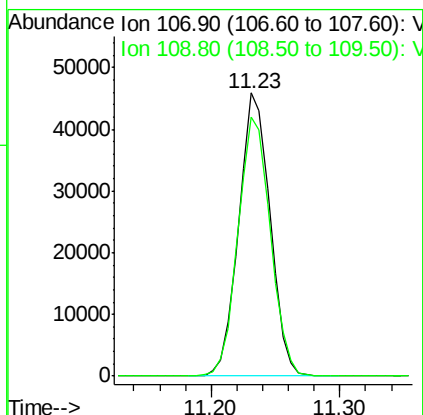
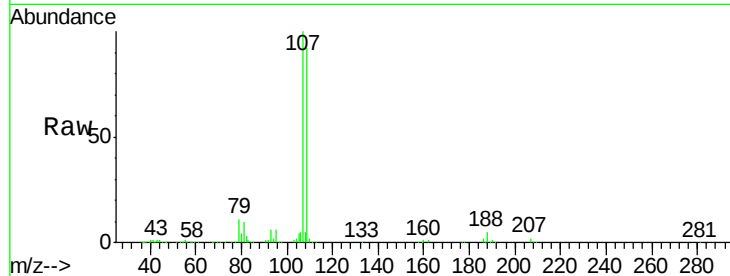




#61
 1,2-Dibromoethane
 Concen: 19.898 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW008571.D
 Acq: 08 Feb 2019 13:55

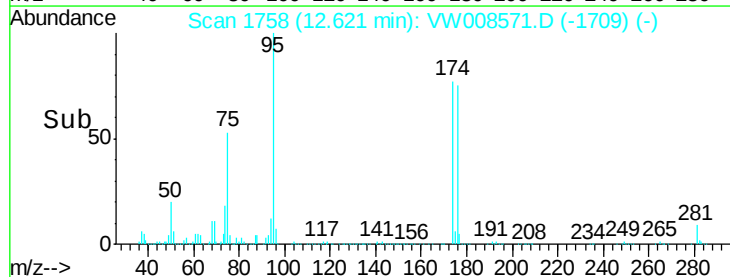
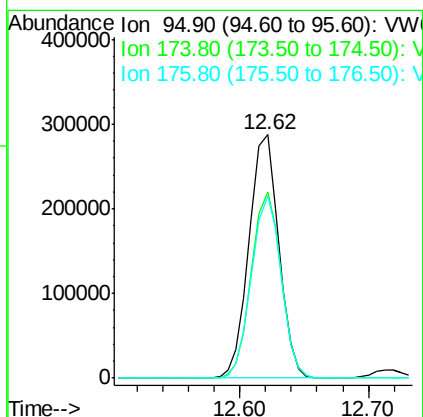
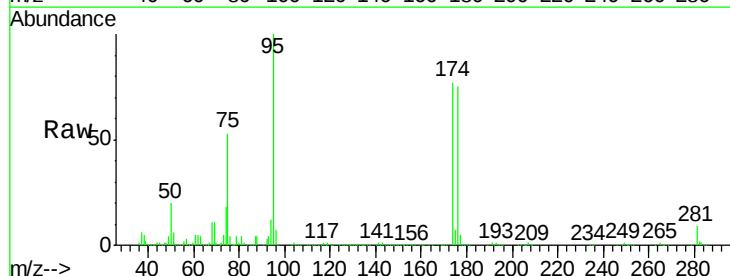
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0208SBS01

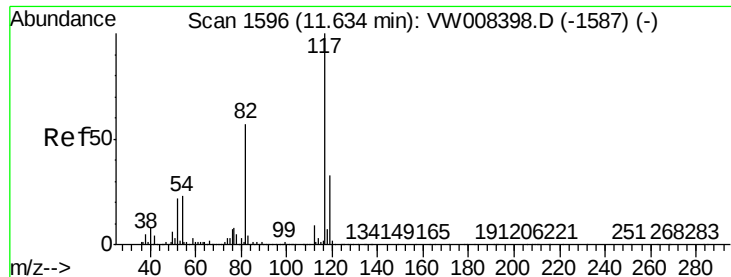
Tot Ion: 107 Resp: 77082
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 60.505 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008571.D
 Acq: 08 Feb 2019 13:55

Tgt Ion: 95 Resp: 456943
 Ion Ratio Lower Upper
 95 100
 174 76.6 0.0 157.6
 176 74.6 0.0 151.8

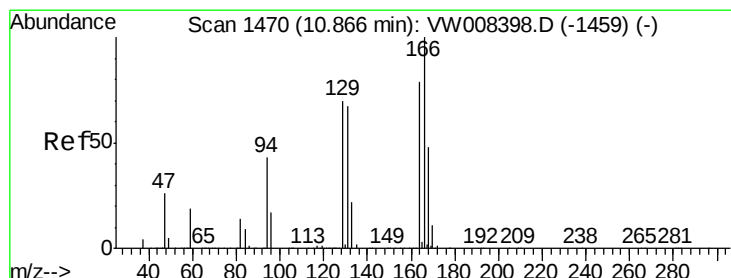
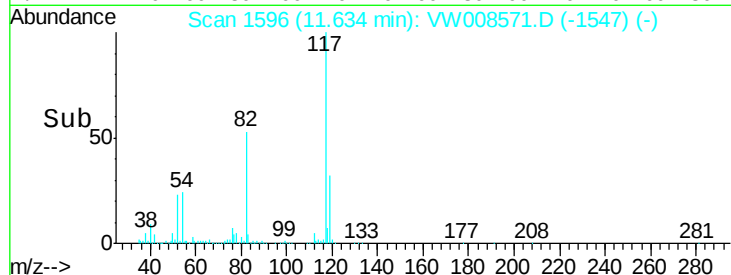
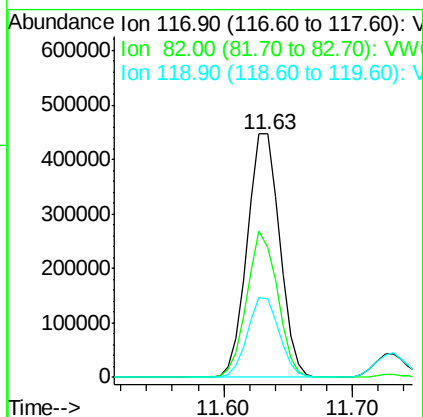
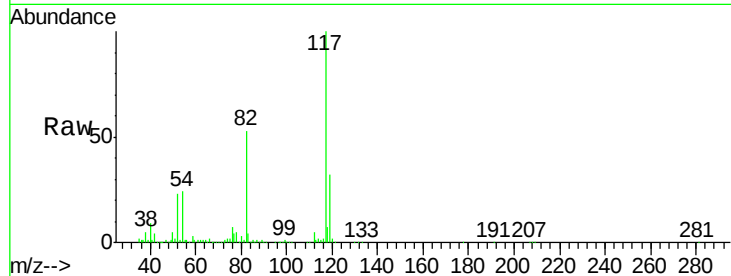




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008571.D
Acq: 08 Feb 2019 13:55

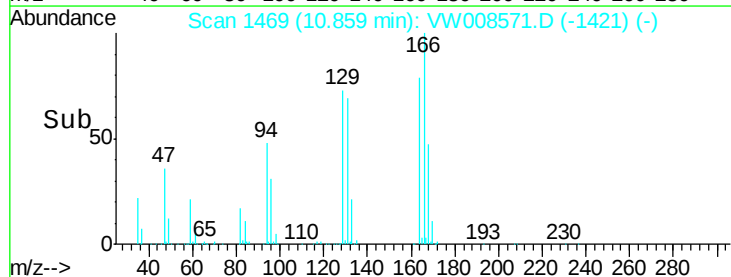
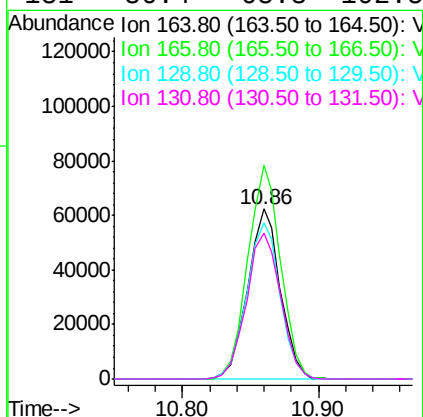
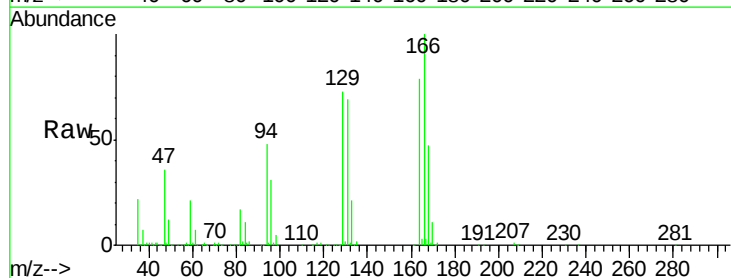
Instrument :
MSVOA_W
ClientSampleId :
VW0208SBS01

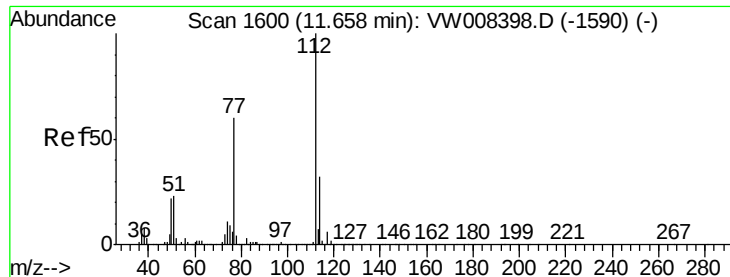
Tot Ion:117 Resp: 776059
Ion Ratio Lower Upper
117 100
82 53.4 45.4 68.0
119 32.3 26.2 39.4



#64
Tetrachloroethene
Concen: 19.938 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008571.D
Acq: 08 Feb 2019 13:55

Tgt Ion:164 Resp: 104760
Ion Ratio Lower Upper
164 100
166 125.9 101.4 152.0
129 92.1 71.0 106.6
131 86.4 68.3 102.5





#65

Chlorobenzene

Concen: 20.621 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW008571.D

Acq: 08 Feb 2019 13:55

Instrument :

MSVOA_W

ClientSampleId :

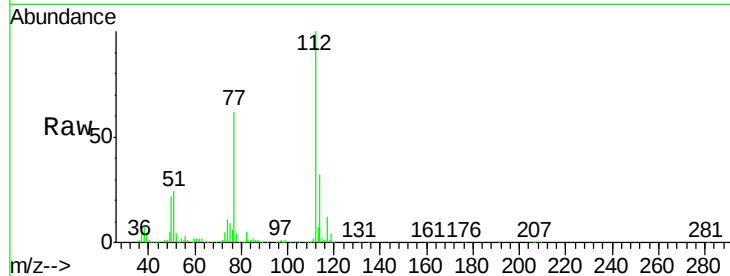
VW0208SBS01

Tot Ion:112 Resp: 326674

Ion Ratio Lower Upper

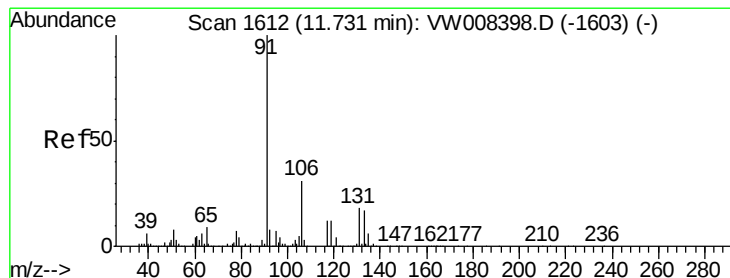
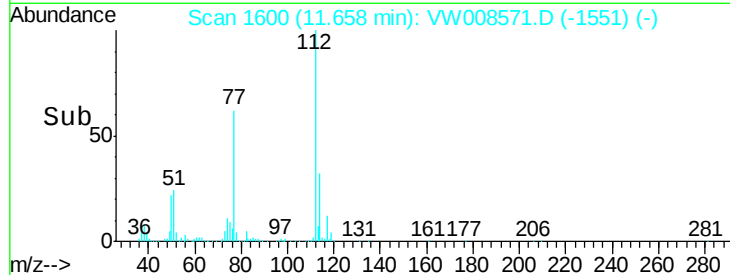
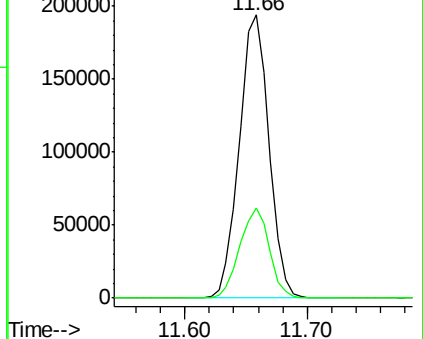
112 100

114 31.9 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.580 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008571.D

Acq: 08 Feb 2019 13:55

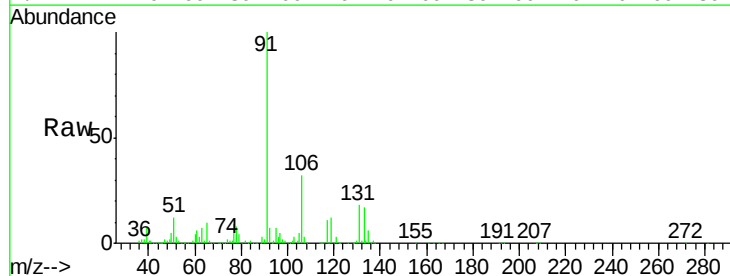
Tgt Ion:131 Resp: 116647

Ion Ratio Lower Upper

131 100

133 95.8 47.0 141.2

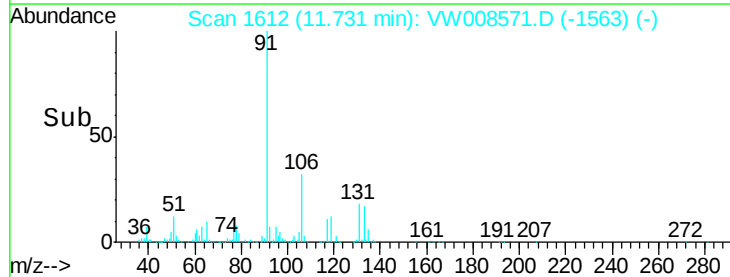
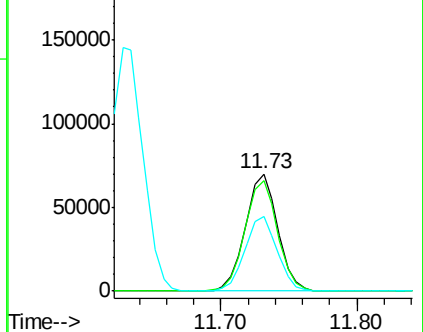
119 63.3 32.1 96.3

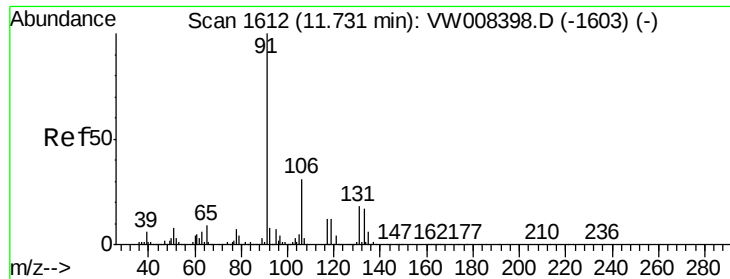


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

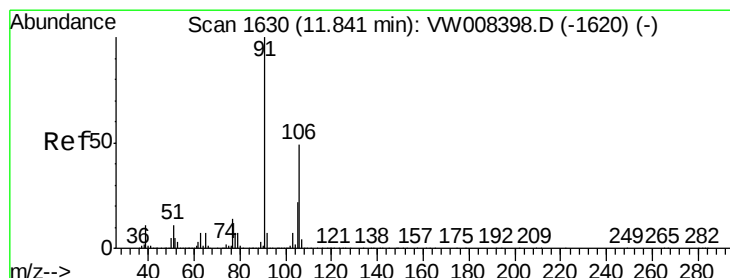
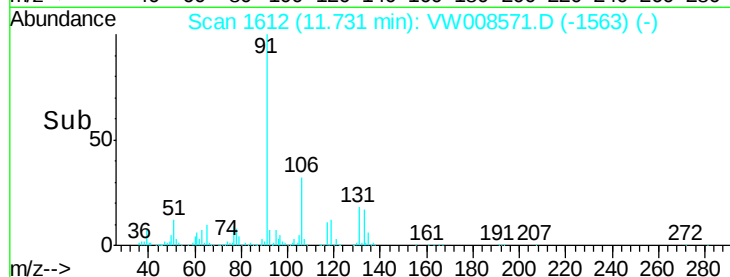
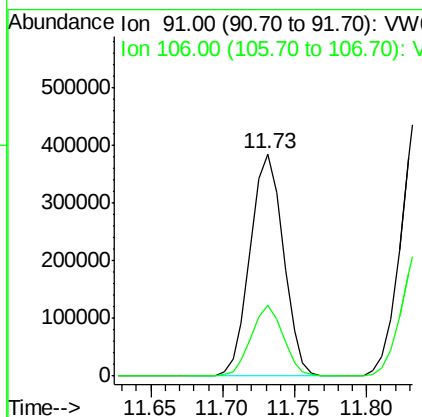
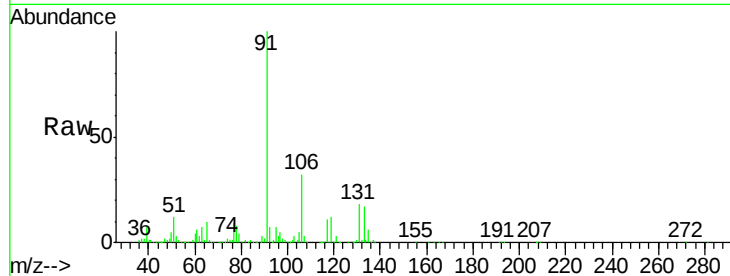




#67
Ethyl Benzene
Concen: 21.156 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008571.D
Acq: 08 Feb 2019 13:55

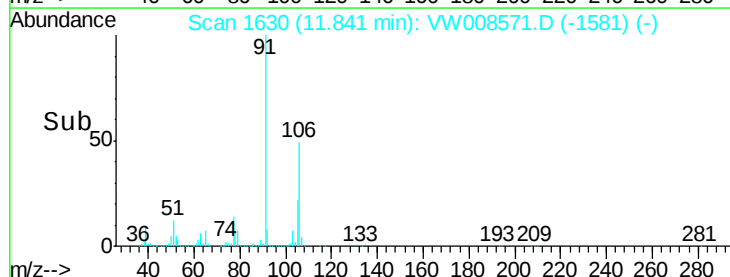
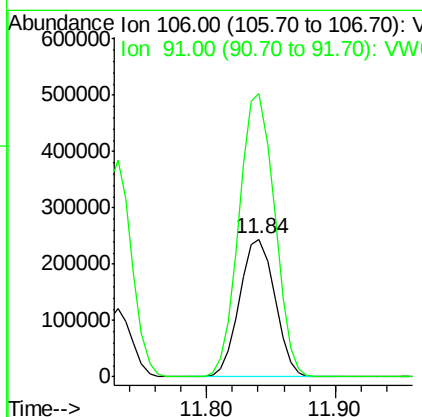
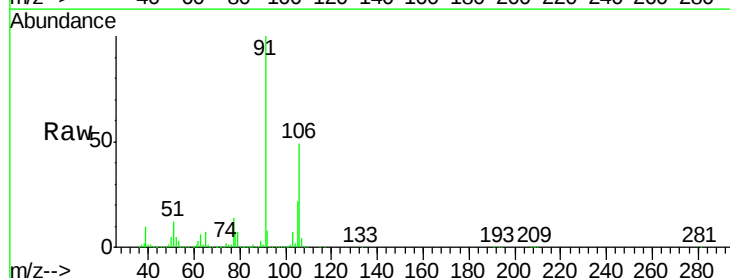
Instrument :
MSVOA_W
ClientSampled :
VW0208SBS01

Tot Ion: 91 Resp: 616072
Ion Ratio Lower Upper
91 100
106 31.7 24.7 37.1



#68
m/p-Xylenes
Concen: 41.184 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008571.D
Acq: 08 Feb 2019 13:55

Tgt Ion: 106 Resp: 465320
Ion Ratio Lower Upper
106 100
91 207.3 162.9 244.3

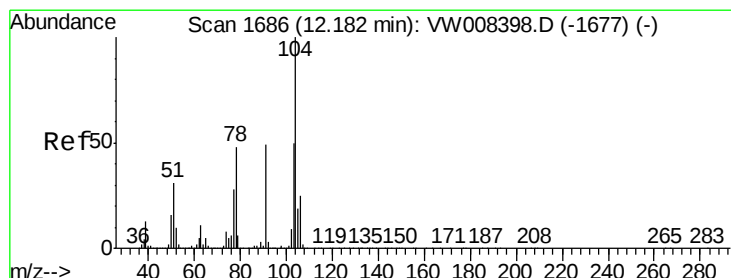
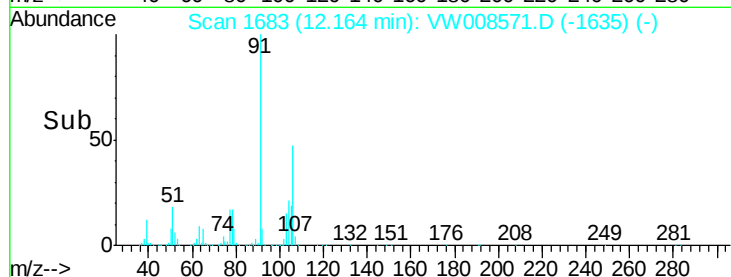
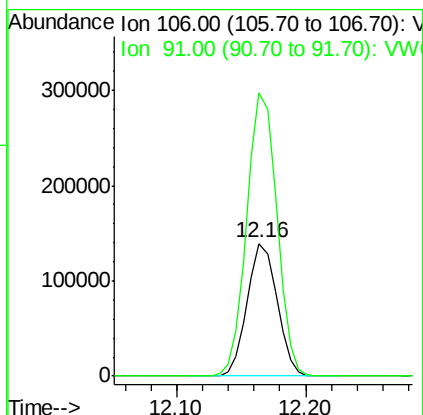
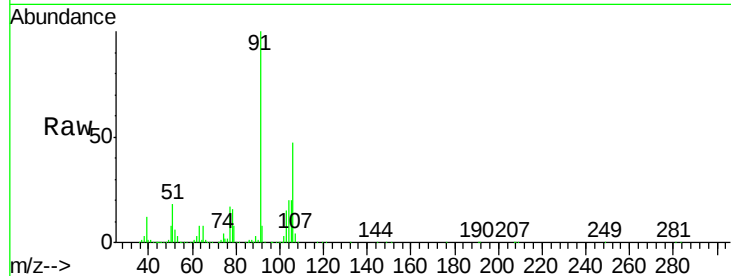




#69
o-Xylene
Concen: 20.845 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008571.D
Acq: 08 Feb 2019 13:55

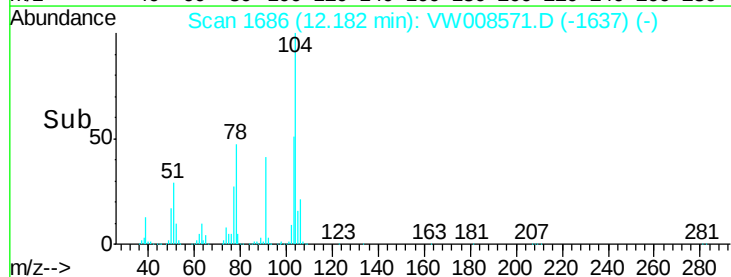
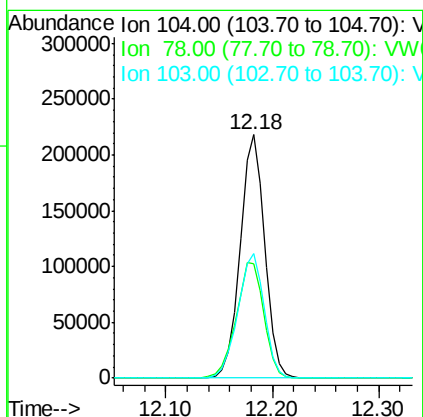
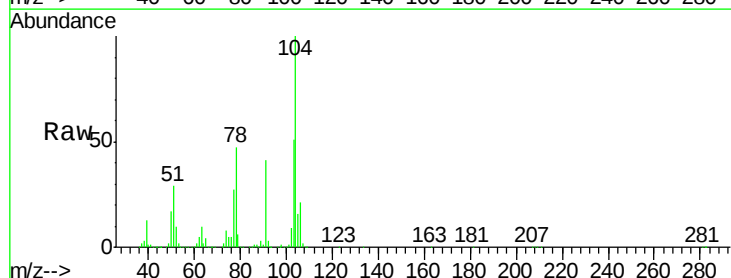
Instrument :
MSVOA_W
ClientSampleId :
VW0208SBS01

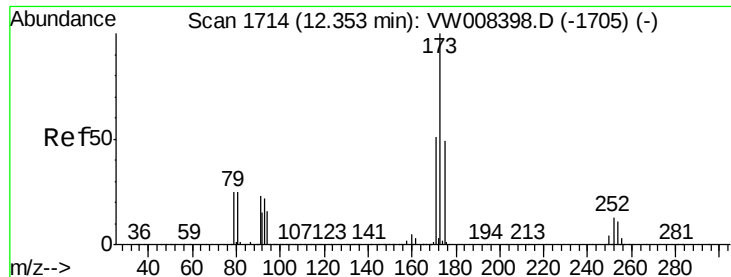
Tot Ion:106 Resp: 223778
Ion Ratio Lower Upper
106 100
91 214.9 107.5 322.4



#70
Styrene
Concen: 19.896 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008571.D
Acq: 08 Feb 2019 13:55

Tgt Ion:104 Resp: 352805
Ion Ratio Lower Upper
104 100
78 53.7 42.4 63.6
103 55.4 43.4 65.0





#71

Bromoform

Concen: 18.231 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW008571.D

Acq: 08 Feb 2019 13:55

Instrument :

MSVOA_W

ClientSampleId :

VW0208SBS01

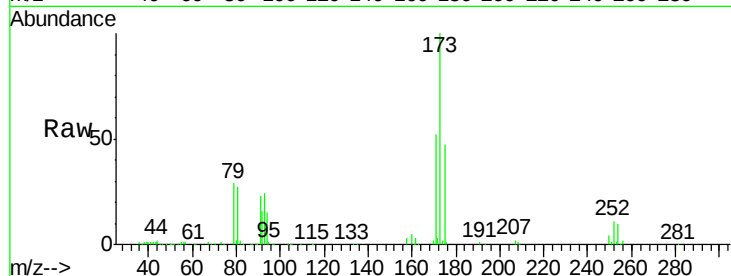
Tot Ion:173 Resp: 58140

Ion Ratio Lower Upper

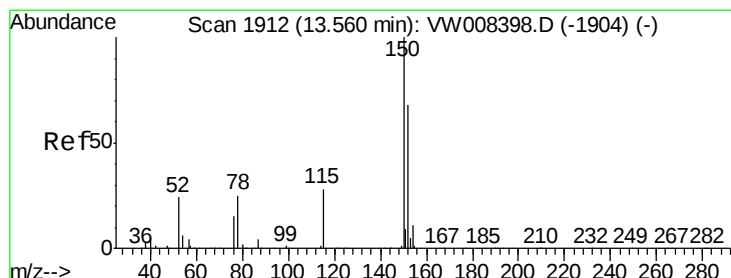
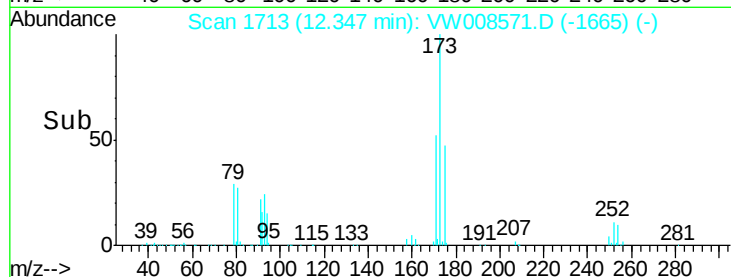
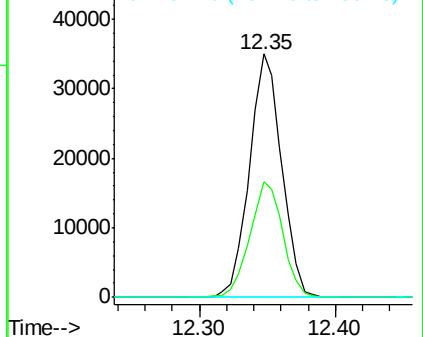
173 100

175 48.4 24.4 73.4

254 0.2 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: VW008571.D

Acq: 08 Feb 2019 13:55

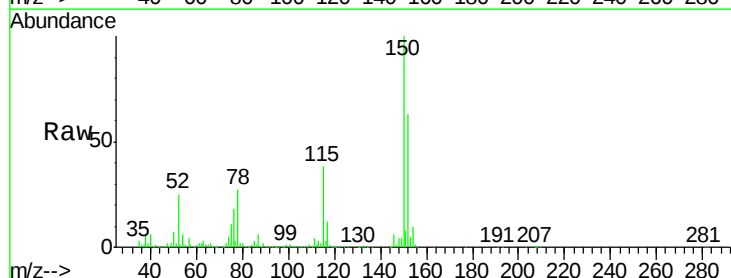
Tgt Ion:152 Resp: 410770

Ion Ratio Lower Upper

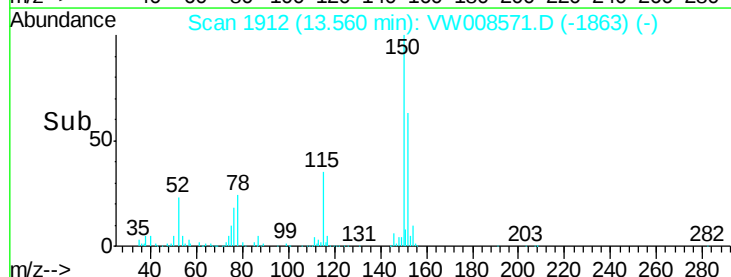
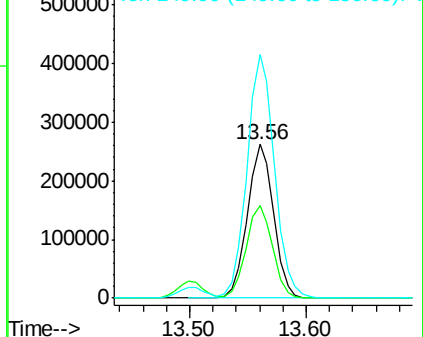
152 100

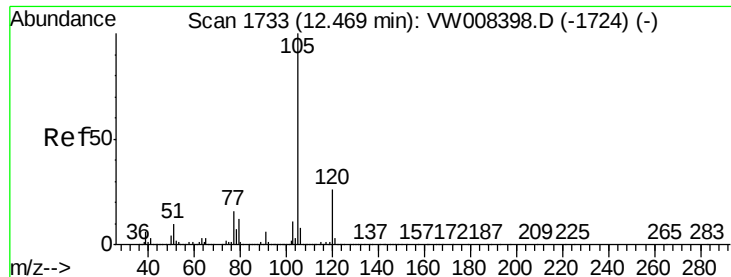
115 60.9 29.9 89.7

150 166.1 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: 20.563 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW008571.D

Acq: 08 Feb 2019 13:55

Instrument :

MSVOA_W

ClientSampleId :

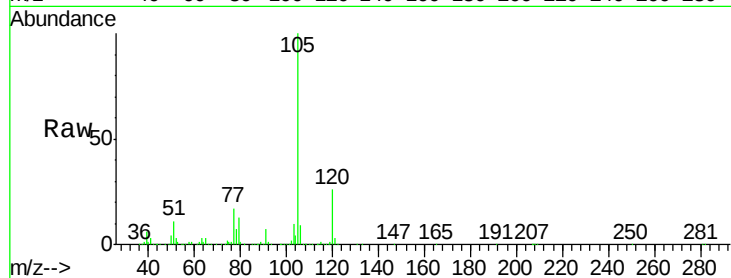
VW0208SBS01

Tot Ion:105 Resp: 629701

Ion Ratio Lower Upper

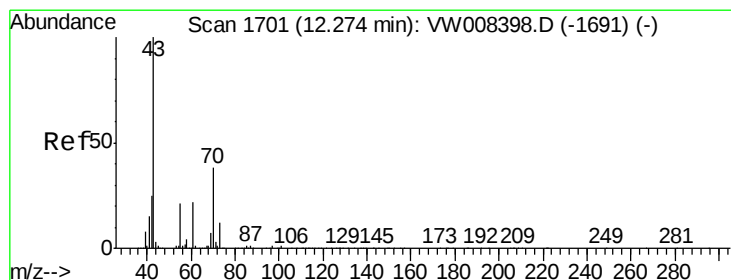
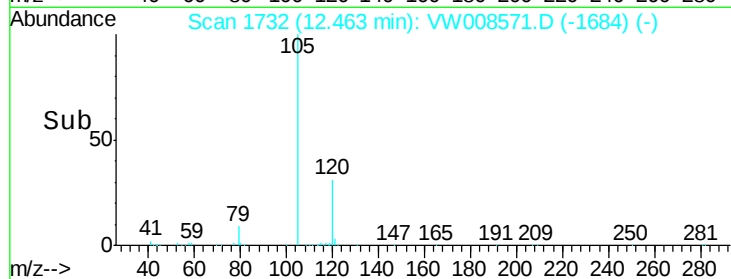
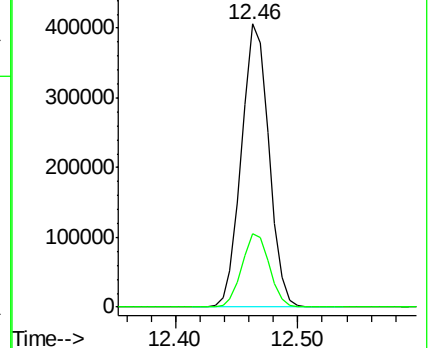
105 100

120 26.0 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: 18.341 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008571.D

Acq: 08 Feb 2019 13:55

Tgt Ion: 43 Resp: 144695

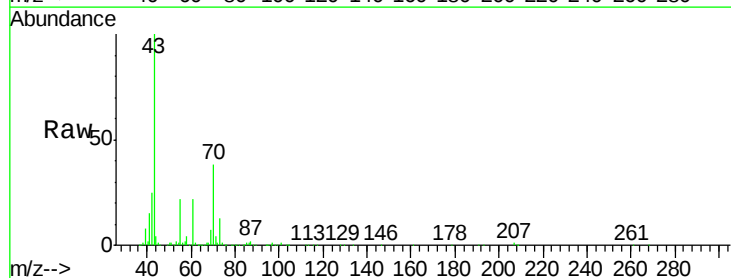
Ion Ratio Lower Upper

43 100

70 39.8 31.0 46.6

55 22.3 17.4 26.2

61 22.1 18.2 27.4

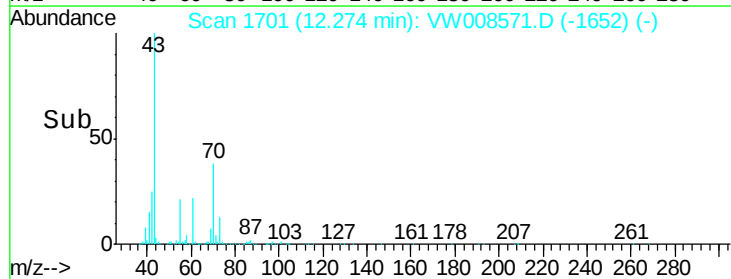
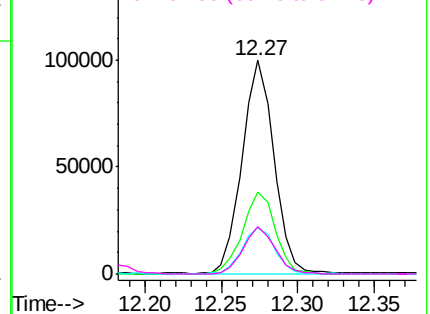


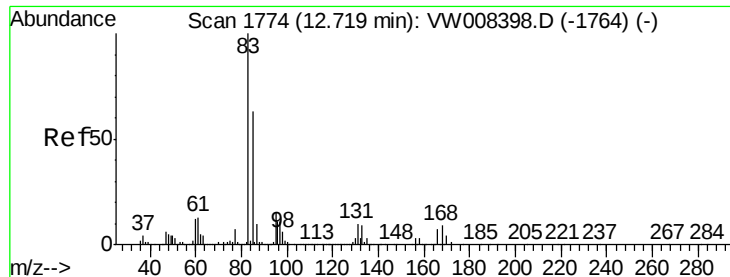
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 19.325 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008571.D

Acq: 08 Feb 2019 13:55

Instrument :

MSVOA_W

ClientSampleId :

VW0208SBS01

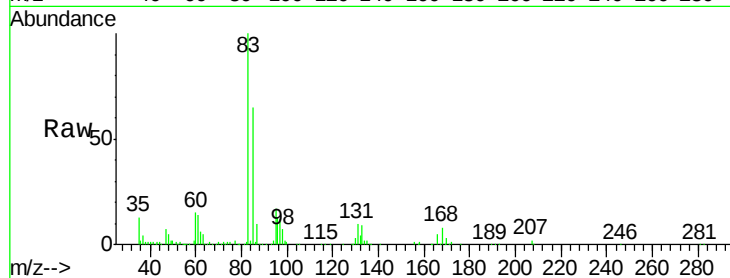
Tot Ion: 83 Resp: 93693

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.4

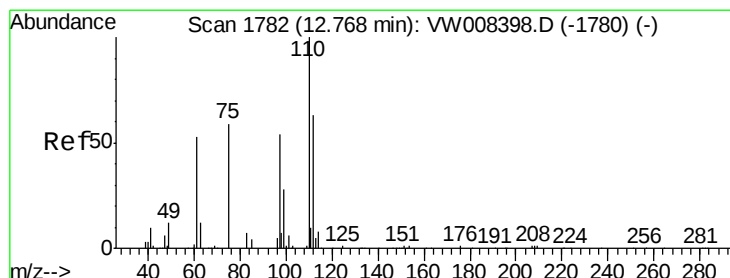
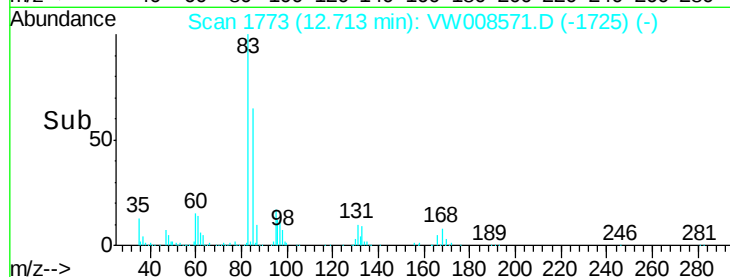
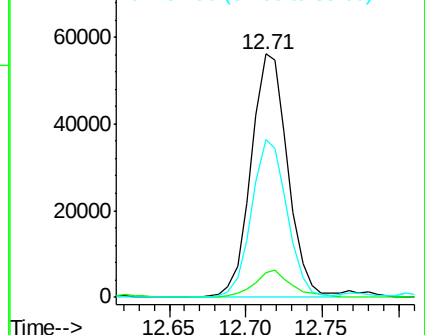
85 62.7 31.9 95.5



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: 19.489 ug/l m

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008571.D

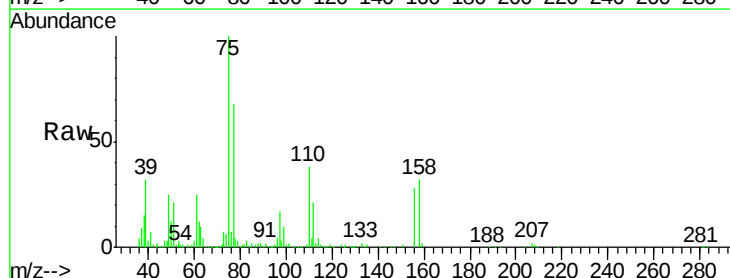
Acq: 08 Feb 2019 13:55

Tgt Ion: 75 Resp: 69601

Ion Ratio Lower Upper

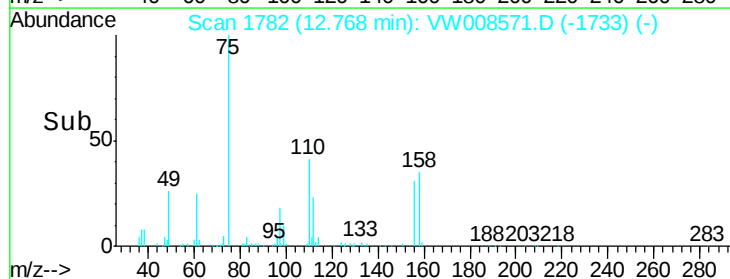
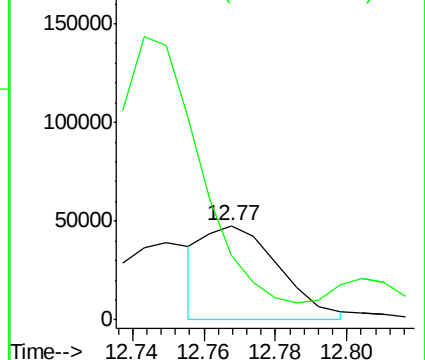
75 100

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: 20.268 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008571.D

Acq: 08 Feb 2019 13:55

Instrument :

MSVOA_W

ClientSampleId :

VW0208SBS01

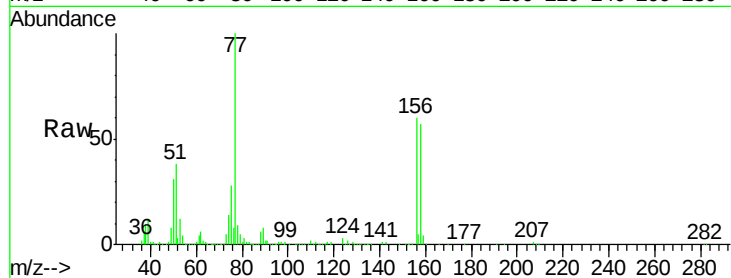
Tot Ion:156 Resp: 135548

Ion Ratio Lower Upper

156 100

77 191.9 96.9 290.7

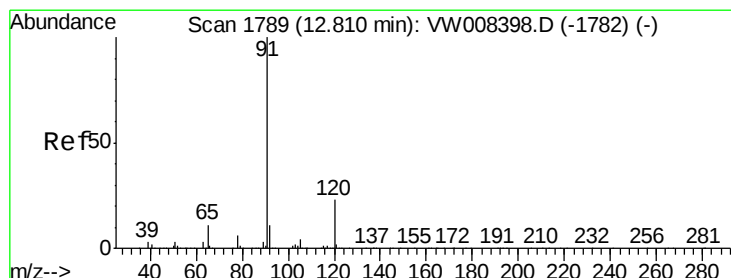
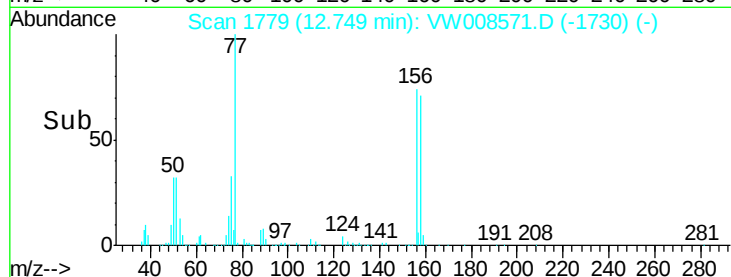
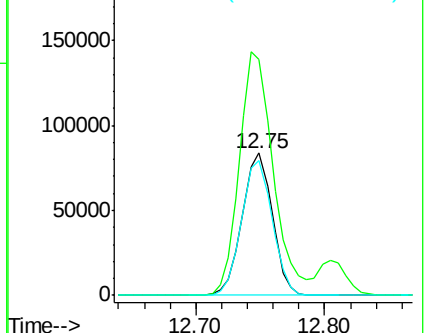
158 96.7 48.8 146.4



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: 20.646 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008571.D

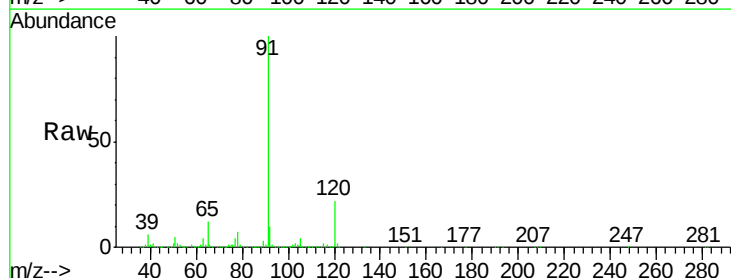
Acq: 08 Feb 2019 13:55

Tgt Ion: 91 Resp: 759374

Ion Ratio Lower Upper

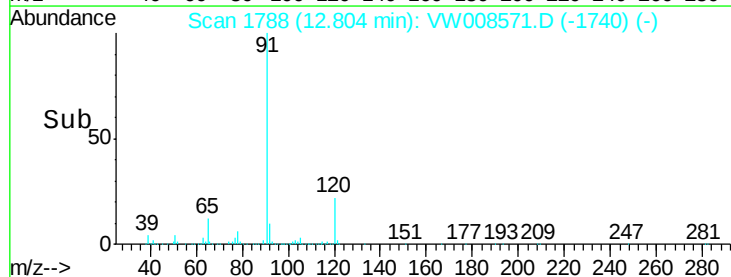
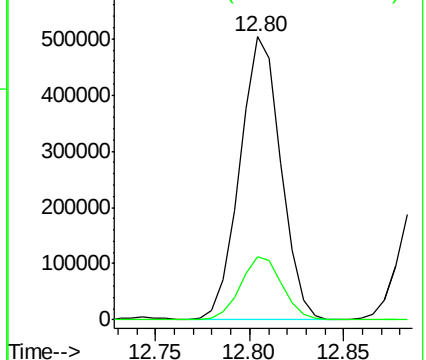
91 100

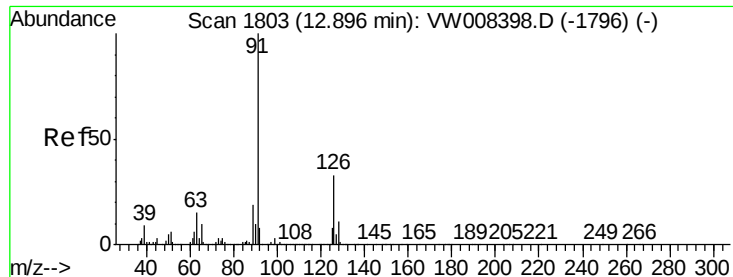
120 22.5 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.887 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008571.D

Acq: 08 Feb 2019 13:55

Instrument :

MSVOA_W

ClientSampled :

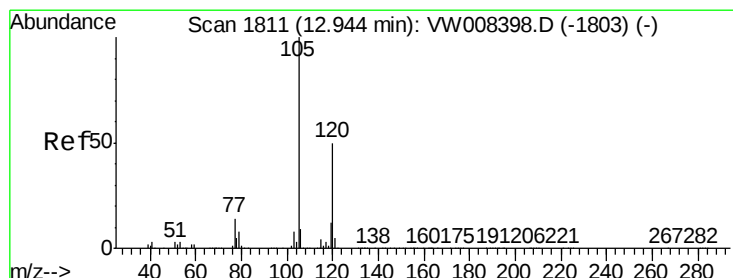
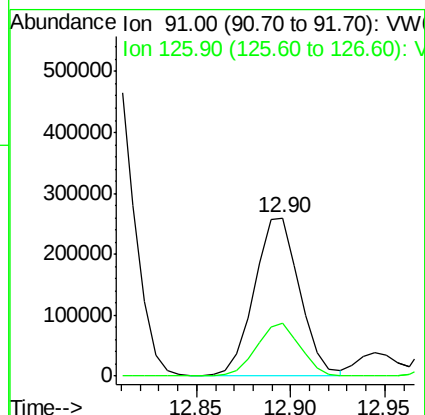
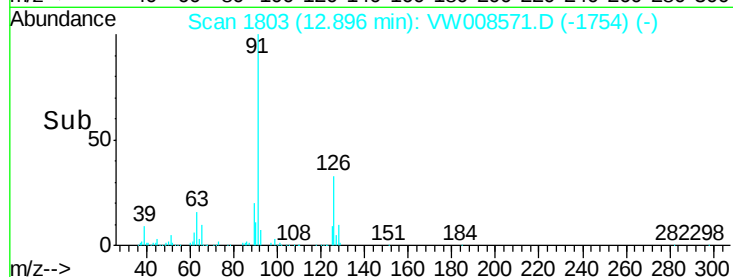
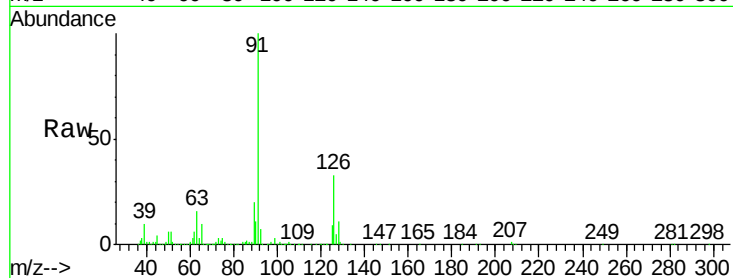
VW0208SBS01

Tot Ion: 91 Resp: 433518

Ion Ratio Lower Upper

91 100

126 32.3 16.5 49.5



#80

1,3,5-Trimethylbenzene

Concen: 20.787 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008571.D

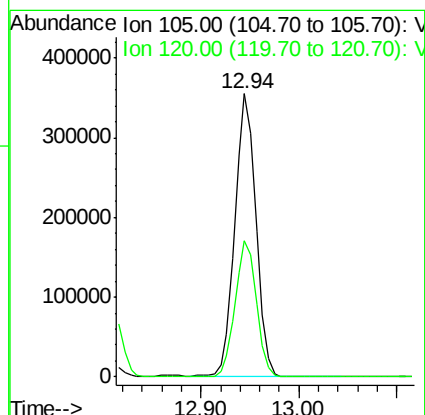
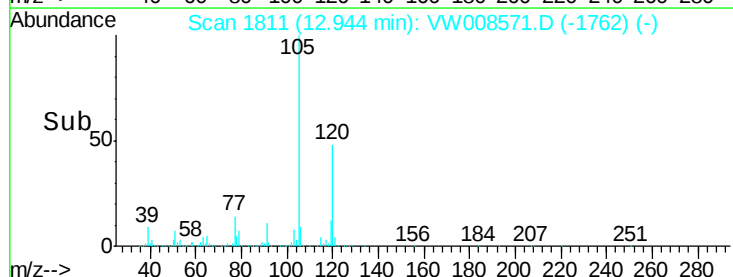
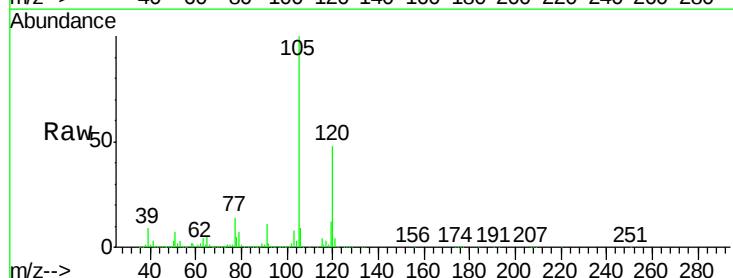
Acq: 08 Feb 2019 13:55

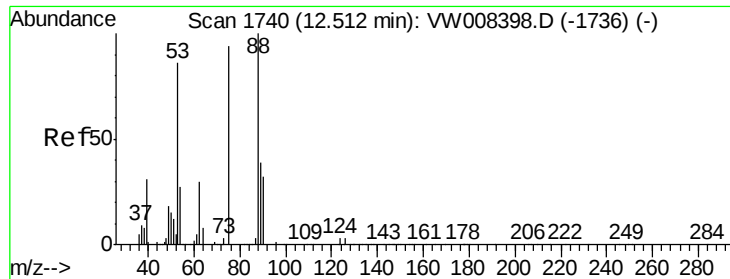
Tgt Ion: 105 Resp: 532066

Ion Ratio Lower Upper

105 100

120 48.3 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.929 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW008571.D

Acq: 08 Feb 2019 13:55

Instrument :

MSVOA_W

ClientSampleId :

VW0208SBS01

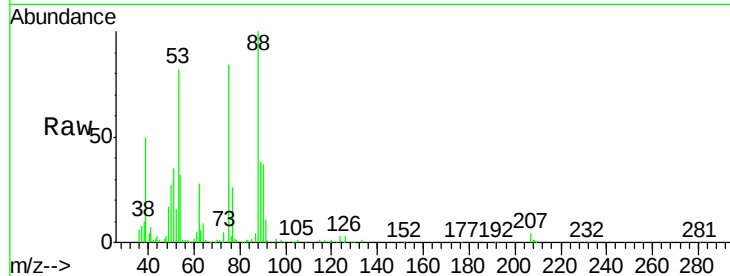
Tot Ion: 75 Resp: 32420

Ion	Ratio	Lower	Upper
75	100		
53	104.5	76.0	114.0
89	44.1	35.4	53.0

75 100

53 104.5 76.0 114.0

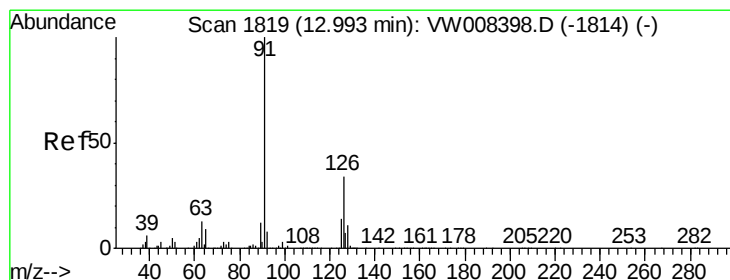
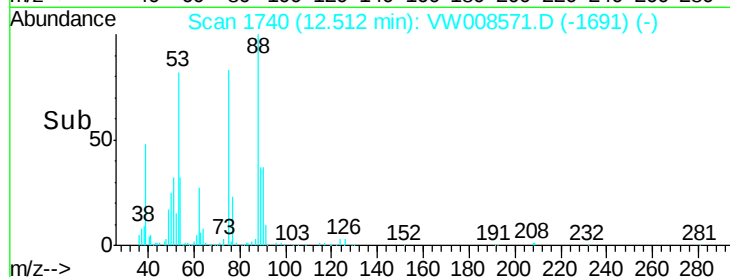
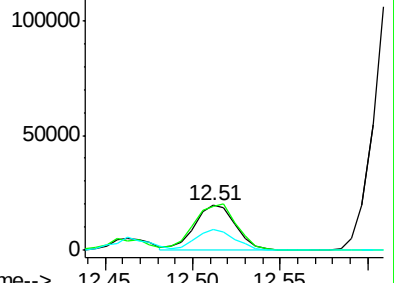
89 44.1 35.4 53.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 20.313 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW008571.D

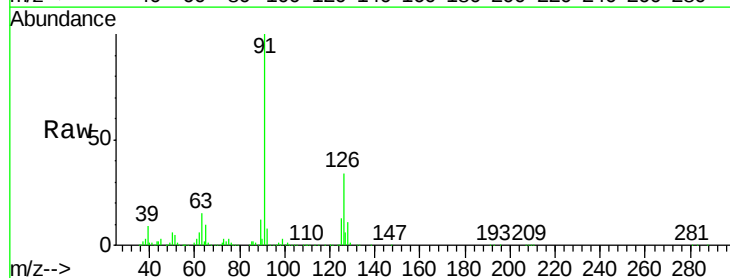
Acq: 08 Feb 2019 13:55

Tgt Ion: 91 Resp: 448864

Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.4	49.2

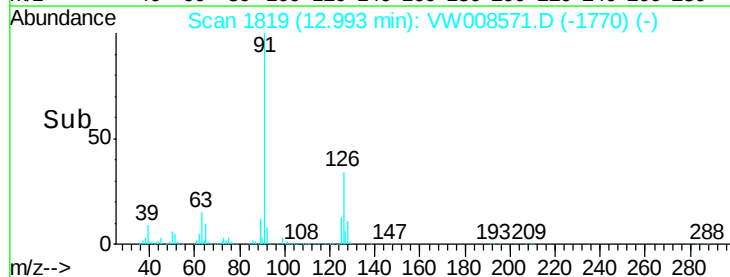
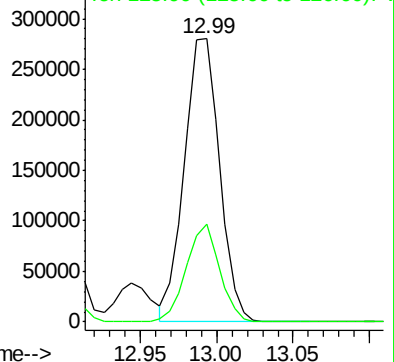
91 100

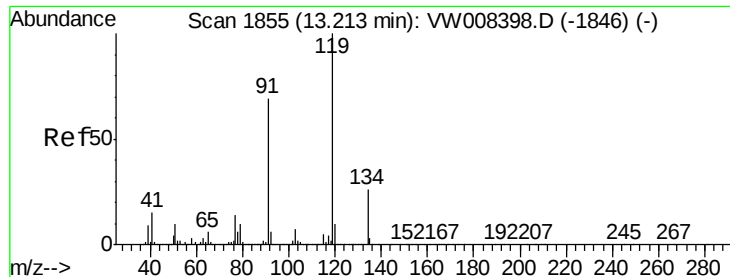
126 32.6 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

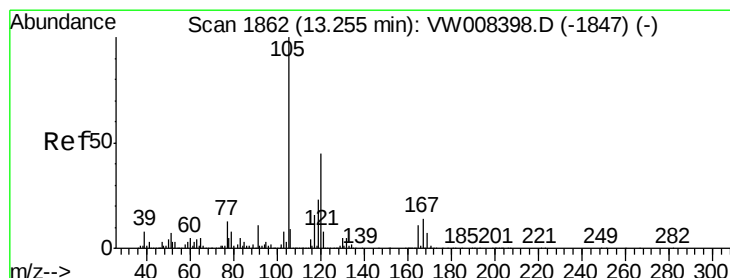
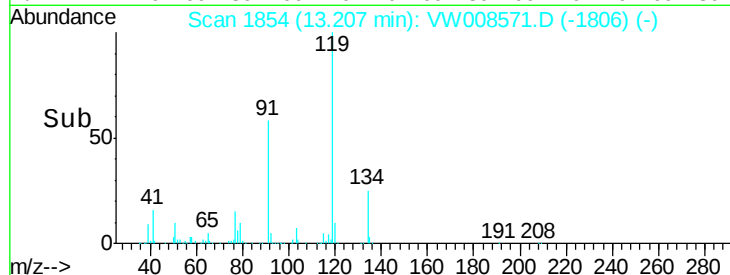
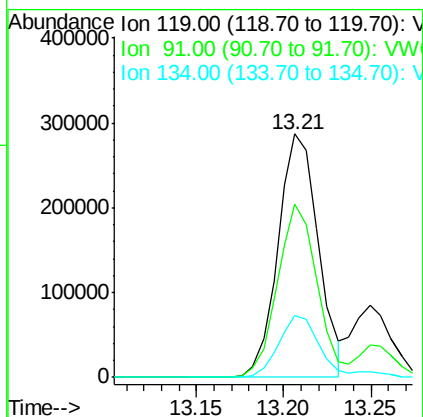
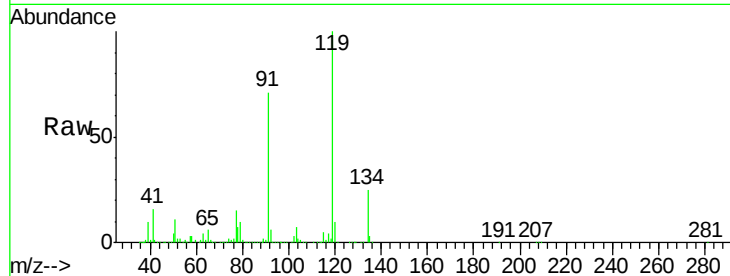




#83
tert-Butylbenzene
Concen: 20.229 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW008571.D
Acq: 08 Feb 2019 13:55

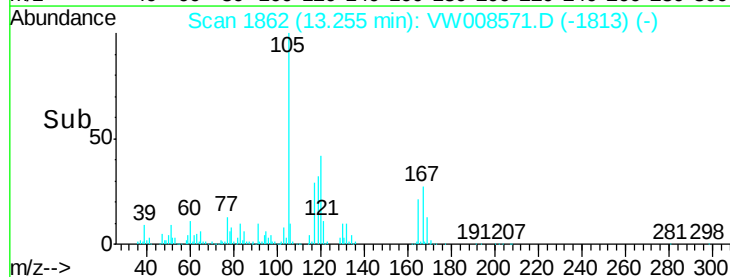
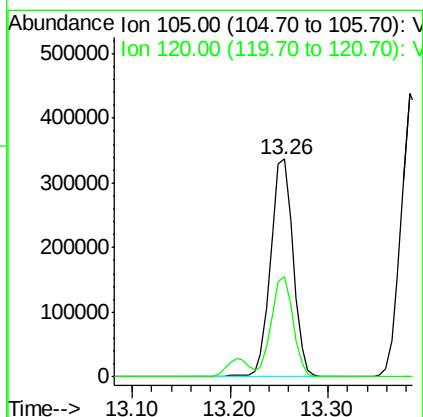
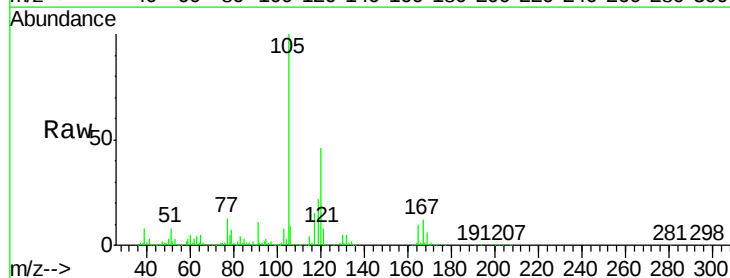
Instrument :
MSVOA_W
ClientSampleId :
VW0208SBS01

Tot Ion:119 Resp: 460774
Ion Ratio Lower Upper
119 100
91 70.5 33.8 101.4
134 25.3 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 20.713 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008571.D
Acq: 08 Feb 2019 13:55

Tgt Ion:105 Resp: 538870
Ion Ratio Lower Upper
105 100
120 44.7 23.1 69.2





#85

sec-Butylbenzene

Concen: 20.863 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VW008571.D

Acq: 08 Feb 2019 13:55

Instrument :

MSVOA_W

ClientSampleId :

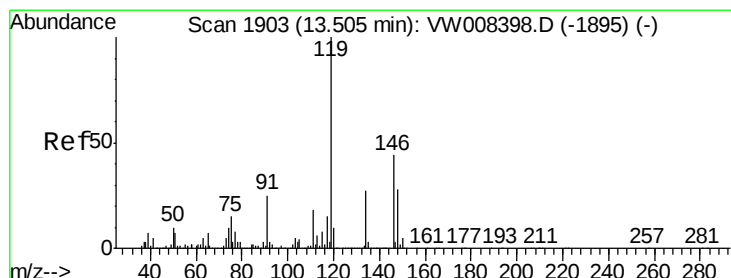
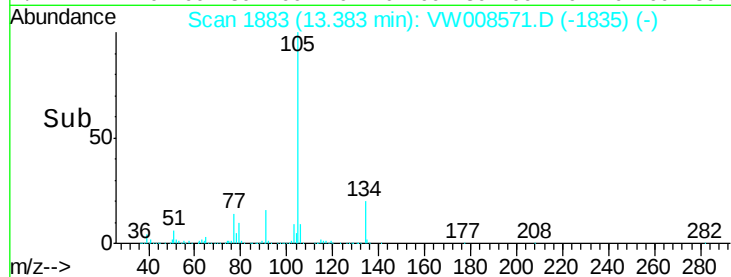
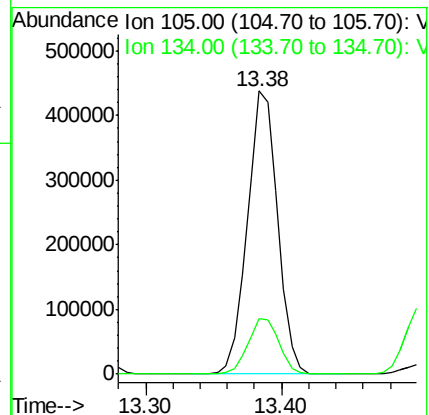
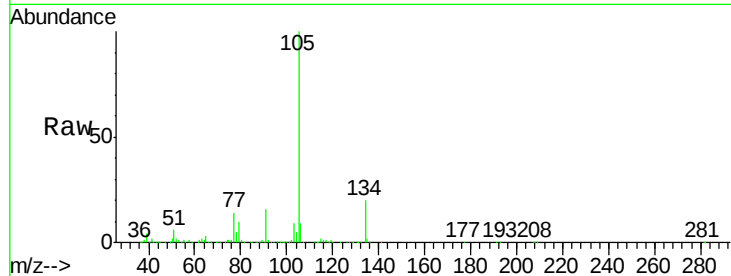
VW0208SBS01

Tot Ion:105 Resp: 678674

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.631 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008571.D

Acq: 08 Feb 2019 13:55

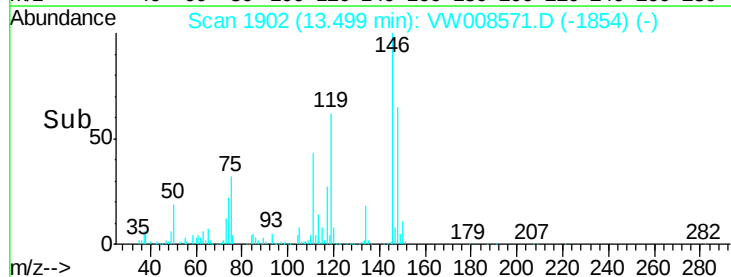
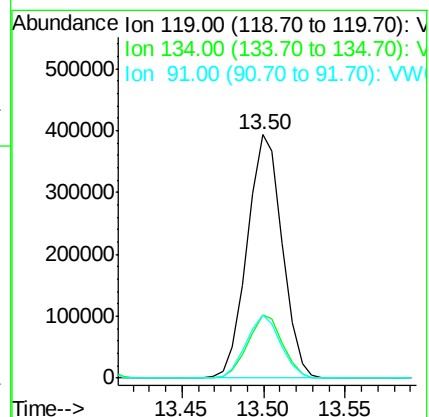
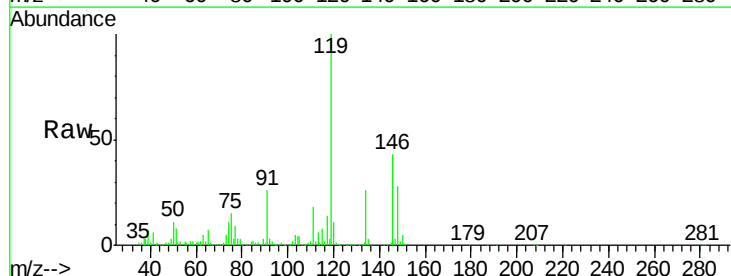
Tgt Ion:119 Resp: 587872

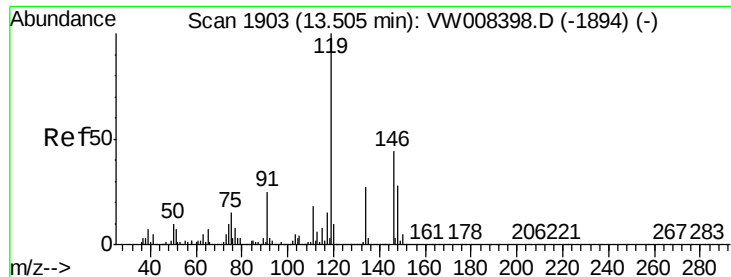
Ion Ratio Lower Upper

119 100

134 26.0 13.4 40.2

91 25.6 12.6 37.6





#87

1,3-Dichlorobenzene

Concen: 20.429 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008571.D

Acq: 08 Feb 2019 13:55

Instrument :

MSVOA_W

ClientSampleId :

VW0208SBS01

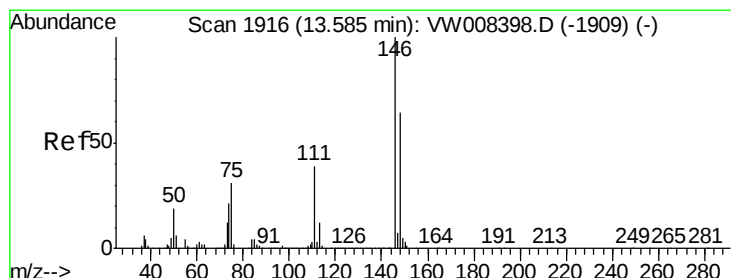
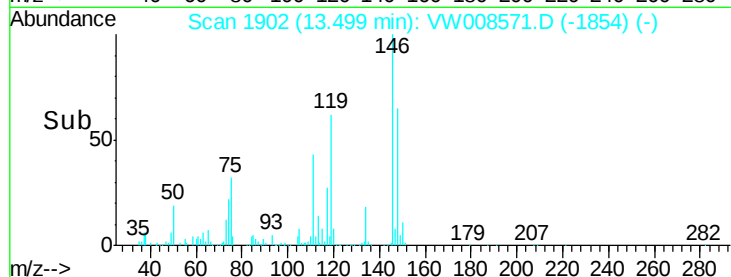
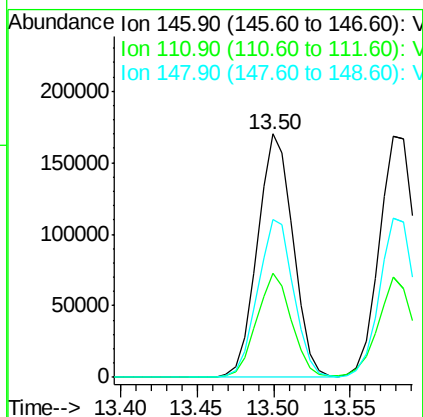
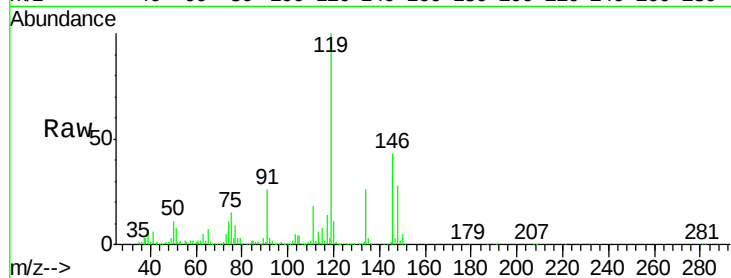
Tot Ion:146 Resp: 275931

Ion Ratio Lower Upper

146 100

111 41.7 20.3 60.9

148 65.2 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 20.641 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.01 min

Lab File: VW008571.D

Acq: 08 Feb 2019 13:55

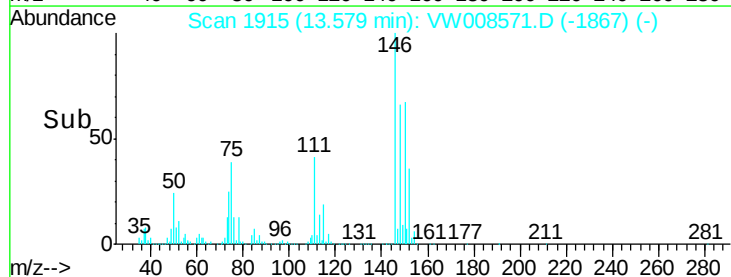
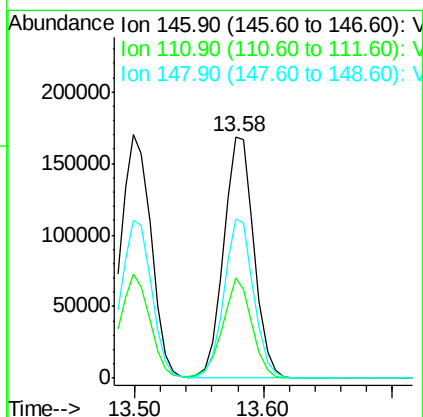
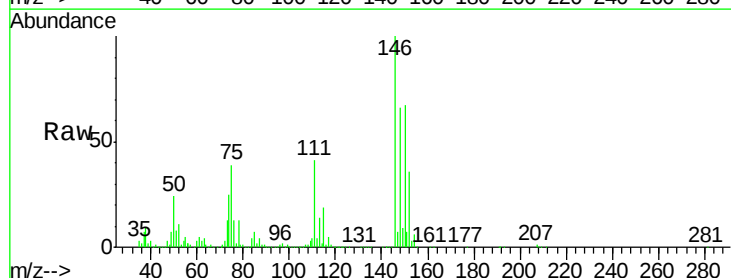
Tgt Ion:146 Resp: 277065

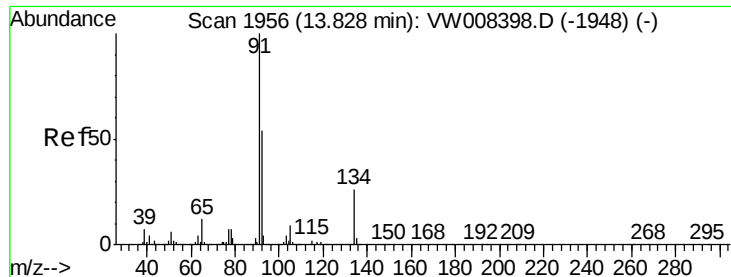
Ion Ratio Lower Upper

146 100

111 39.9 20.0 60.0

148 64.5 32.0 96.2

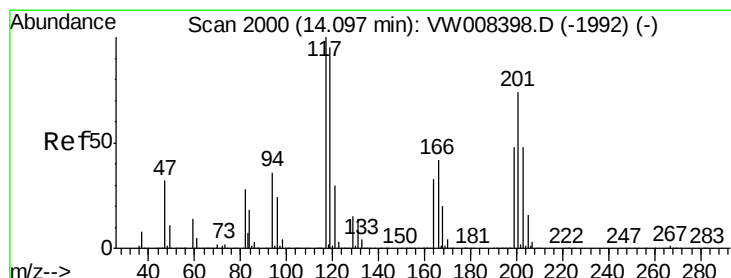
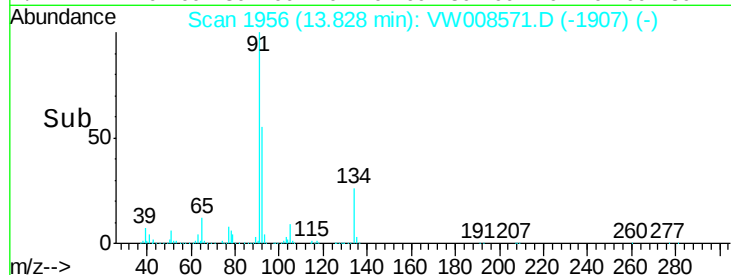
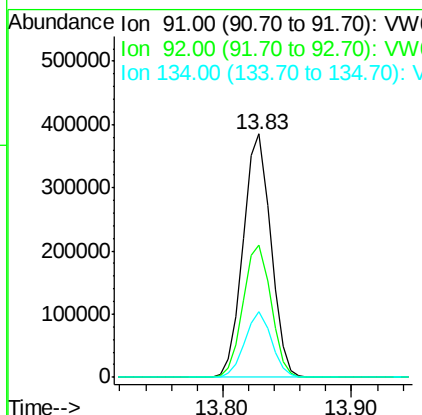
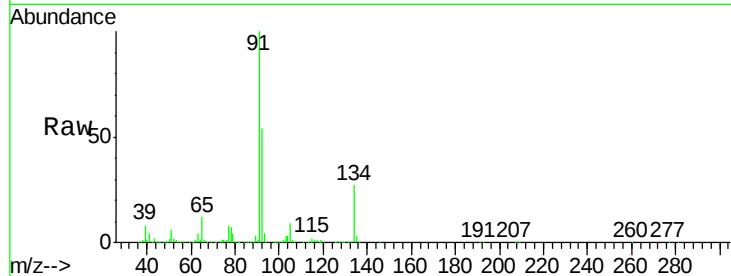




#89
n-Butylbenzene
Concen: 20.353 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW008571.D
Acq: 08 Feb 2019 13:55

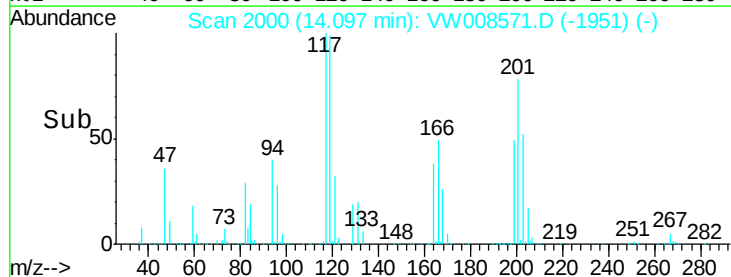
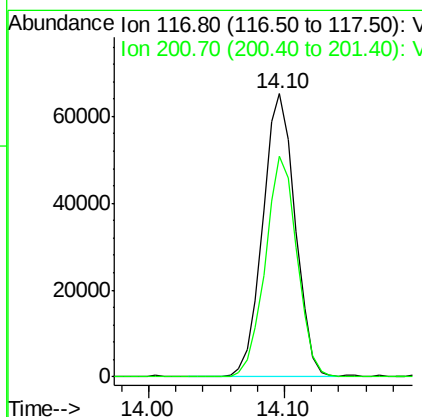
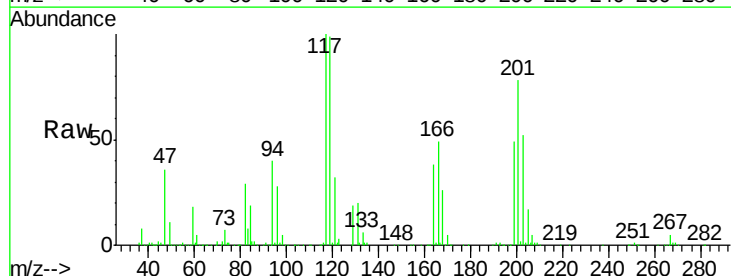
Instrument :
MSVOA_W
ClientSampleId :
VW0208SBS01

Tot Ion: 91 Resp: 569430
Ion Ratio Lower Upper
91 100
92 55.0 27.4 82.2
134 26.1 13.0 39.0



#90
Hexachloroethane
Concen: 19.530 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW008571.D
Acq: 08 Feb 2019 13:55

Tgt Ion: 117 Resp: 108826
Ion Ratio Lower Upper
117 100
201 76.5 39.1 117.5

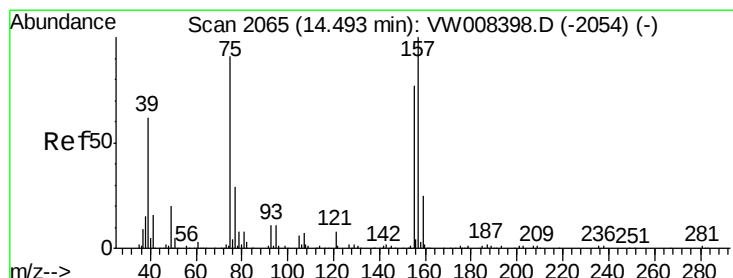
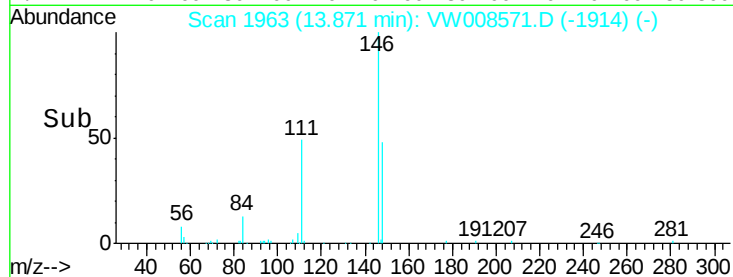
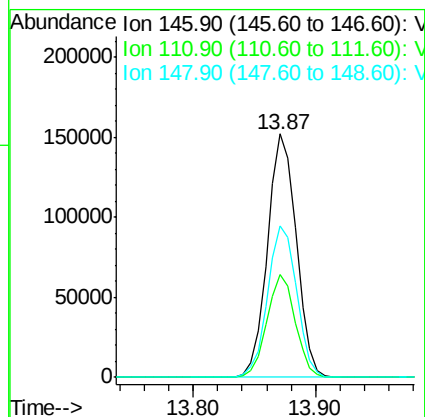
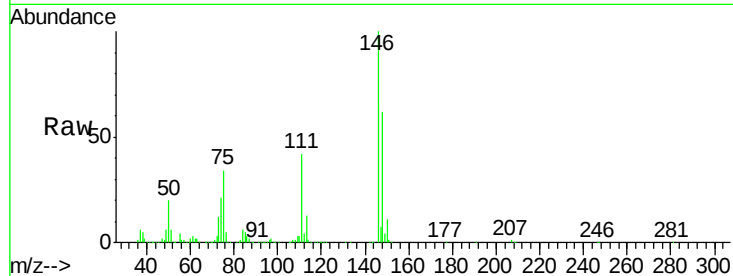




#91
 1,2-Dichlorobenzene
 Concen: 20.856 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW008571.D
 Acq: 08 Feb 2019 13:55

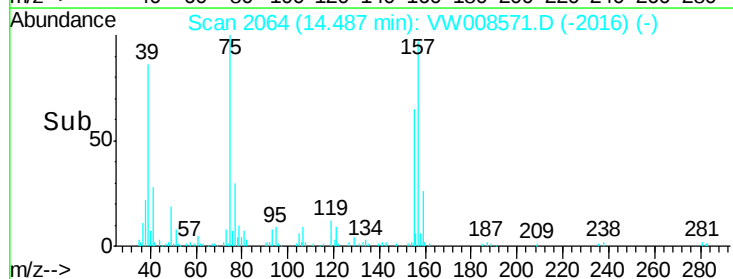
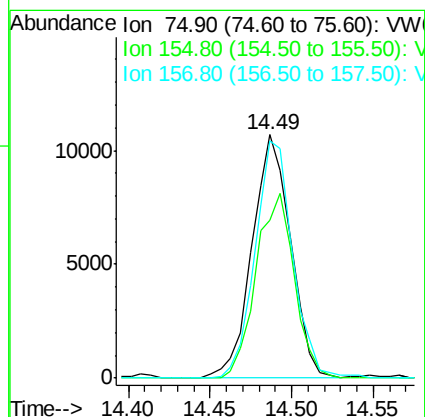
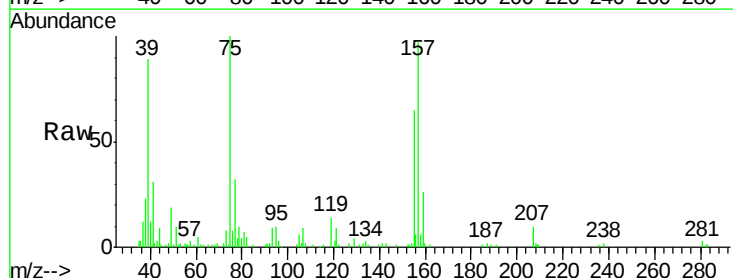
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0208SBS01

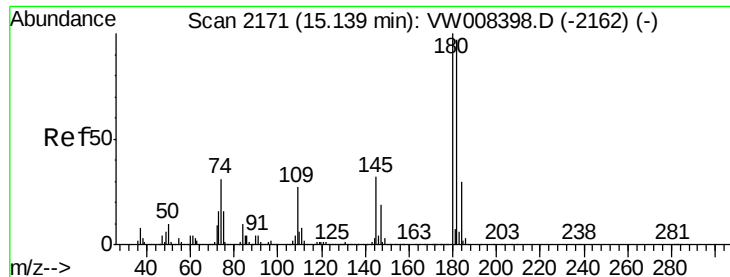
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.1	63.3
148	62.8	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.064 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW008571.D
 Acq: 08 Feb 2019 13:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.4	42.7	128.1
157	95.6	55.5	166.3

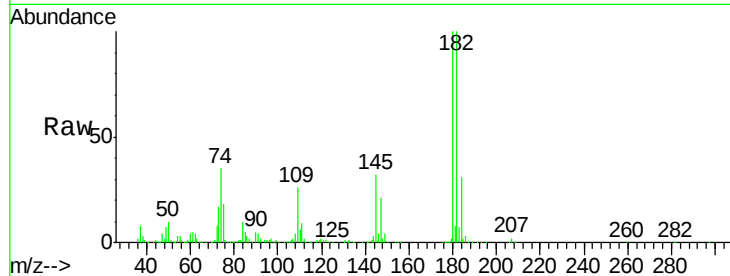




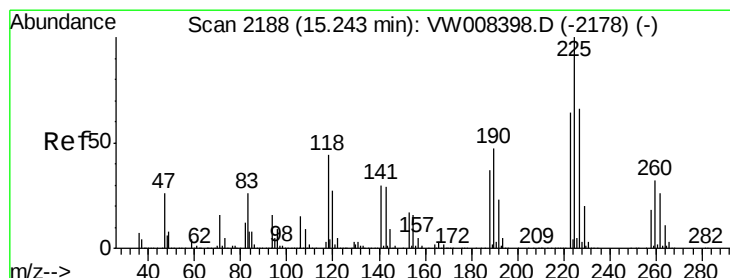
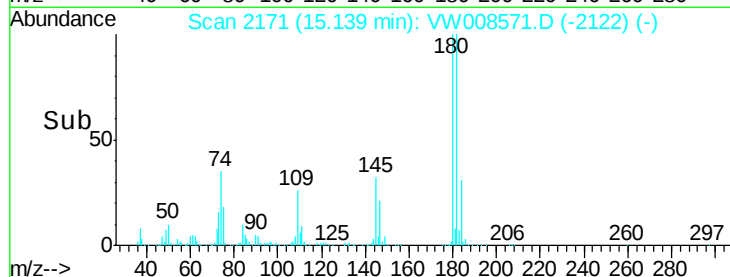
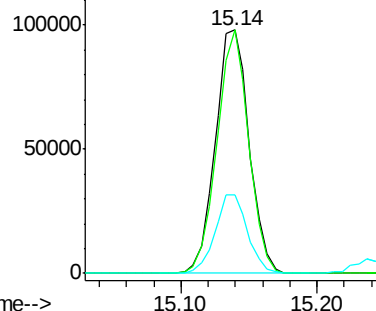
#93
 1,2,4-Trichlorobenzene
 Concen: 19.912 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008571.D
 Acq: 08 Feb 2019 13:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0208SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.9	143.7
145	31.1	15.5	46.5

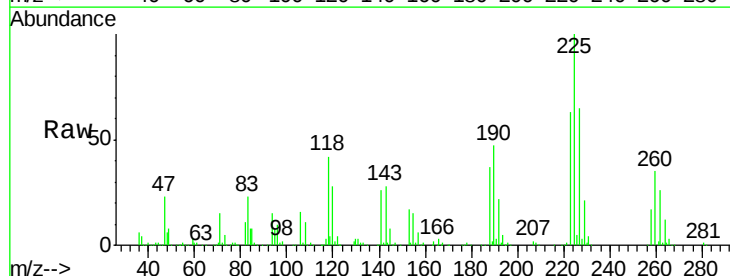


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

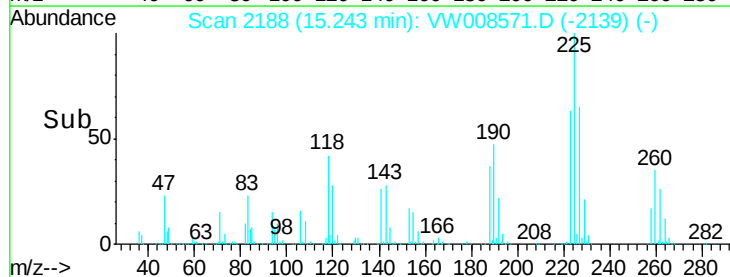
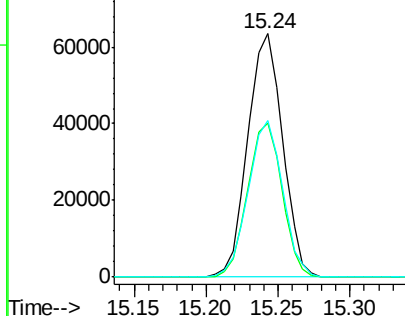


#94
 Hexachlorobutadiene
 Concen: 20.649 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008571.D
 Acq: 08 Feb 2019 13:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.7	95.1
227	63.8	32.1	96.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

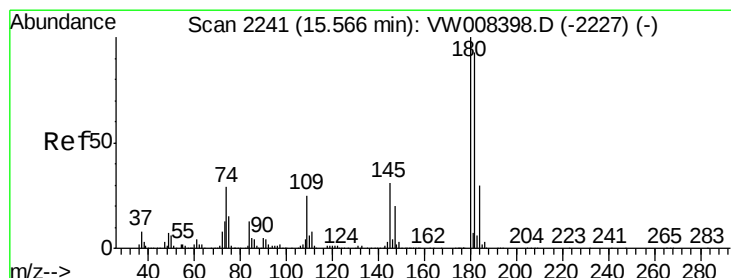
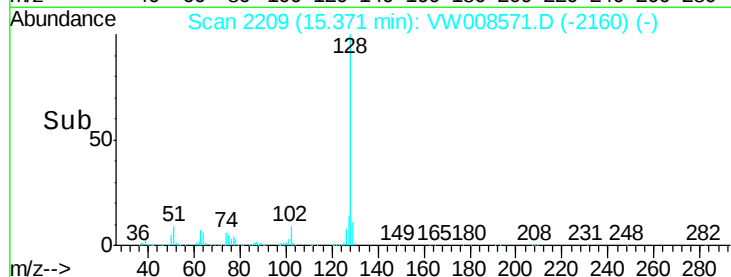
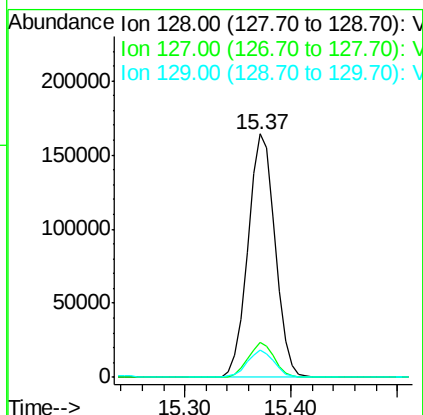
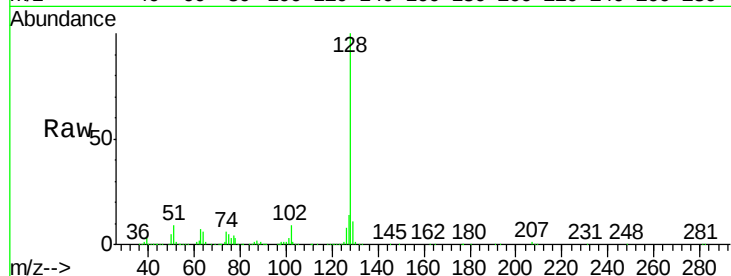




#95
Naphthalene
Concen: 19.632 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008571.D
Acq: 08 Feb 2019 13:55

Instrument :
MSVOA_W
ClientSampleId :
VW0208SBS01

Tot Ion:128 Resp: 293980
Ion Ratio Lower Upper
128 100
127 13.8 10.6 15.8
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.504 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008571.D
Acq: 08 Feb 2019 13:55

Tgt Ion:180 Resp: 141100
Ion Ratio Lower Upper
180 100
182 95.1 47.0 141.2
145 32.6 15.9 47.6

