

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102218\
 Data File : VW006246.D
 Acq On : 22 Oct 2018 13:00
 Operator : VA/AP
 Sample : VW1022SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1022SBS01

Quant Time: Oct 22 14:03:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	318603	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	445564	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	393713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	217461	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	118883	45.01	ug/l	0.00
Spiked Amount			Recovery	=	90.02%	
35) Dibromofluoromethane	7.88	113	129231	49.08	ug/l	0.00
Spiked Amount			Recovery	=	98.16%	
50) Toluene-d8	10.33	98	489019	48.82	ug/l	0.00
Spiked Amount			Recovery	=	97.64%	
62) 4-Bromofluorobenzene	12.62	95	183540	48.79	ug/l	0.00
Spiked Amount			Recovery	=	97.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	25755	16.336	ug/l	98
3) Chloromethane	2.21	50	32461	15.995	ug/l	100
4) Vinyl Chloride	2.37	62	51689	17.834	ug/l	98
5) Bromomethane	2.79	94	42112	15.975	ug/l	100
6) Chloroethane	2.93	64	36533	17.589	ug/l	98
7) Trichlorofluoromethane	3.26	101	47333	17.531	ug/l	97
8) Diethyl Ether	3.68	74	25295	17.628	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	58274	20.595	ug/l	98
10) Methyl Iodide	4.26	142	94700	20.108	ug/l	100
11) Tert butyl alcohol	5.24	59	5301	29.840	ug/l #	90
12) 1,1-Dichloroethene	4.03	96	55548	20.867	ug/l	90
13) Acrolein	3.90	56	14724	85.657	ug/l	93
14) Allyl chloride	4.67	41	74520	19.578	ug/l	99
15) Acrylonitrile	5.38	53	44642	86.739	ug/l	100
16) Acetone	4.15	43	57256	107.079	ug/l	99
17) Carbon Disulfide	4.37	76	146292	18.209	ug/l	99
18) Methyl Acetate	4.68	43	22346	16.811	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	77474	19.108	ug/l	93
20) Methylene Chloride	4.91	84	60554	20.713	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	60534	20.373	ug/l	94
22) Diisopropyl ether	6.32	45	144323	19.187	ug/l	97
23) Vinyl Acetate	6.26	43	392289	88.373	ug/l	98
24) 1,1-Dichloroethane	6.21	63	98173	20.227	ug/l	99
25) 2-Butanone	7.18	43	64687	90.653	ug/l	98
26) 2,2-Dichloropropane	7.17	77	71267	20.819	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	66760	20.360	ug/l	99
28) Bromochloromethane	7.51	49	29012	15.483	ug/l	96
29) Tetrahydrofuran	7.54	42	35654	81.288	ug/l	99
30) Chloroform	7.68	83	107111	20.256	ug/l	99
31) Cyclohexane	7.95	56	94523	19.556	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	98752	20.703	ug/l	99
36) 1,1-Dichloropropene	8.09	75	86948	21.171	ug/l	99
37) Ethyl Acetate	7.26	43	25597	16.776	ug/l	98
38) Carbon Tetrachloride	8.07	117	95423	21.195	ug/l	98

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 Data File : VW006246.D
 Acq On : 22 Oct 2018 13:00
 Operator : VA/AP
 Sample : VW1022SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1022SBS01

Quant Time: Oct 22 14:03:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	114179	20.915	ug/l	99
40) Benzene	8.32	78	235036	20.863	ug/l	98
41) Methacrylonitrile	7.49	41	16001	17.395	ug/l	95
42) 1,2-Dichloroethane	8.40	62	66180	19.995	ug/l	99
43) Isopropyl Acetate	8.43	43	52205	16.733	ug/l	98
44) Trichloroethene	9.09	130	74569	21.575	ug/l	100
45) 1,2-Dichloropropane	9.37	63	54605	20.256	ug/l	96
46) Dibromomethane	9.46	93	29948	19.492	ug/l	98
47) Bromodichloromethane	9.65	83	73478	19.725	ug/l	96
48) Methyl methacrylate	9.44	41	25012	16.913	ug/l	96
49) 1,4-Dioxane	9.49	88	9022	381.432	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	131125	83.885	ug/l	98
52) Toluene	10.39	92	159705	21.146	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	70882	19.099	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	85225	20.008	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	42337	19.691	ug/l	95
56) Ethyl methacrylate	10.65	69	48055	18.231	ug/l	94
57) 1,3-Dichloropropane	10.94	76	68825	19.337	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	89630	88.991	ug/l	99
59) 2-Hexanone	10.98	43	99303	88.995	ug/l	99
60) Dibromochloromethane	11.13	129	51087	19.076	ug/l	99
61) 1,2-Dibromoethane	11.24	107	41094	19.128	ug/l	99
64) Tetrachloroethene	10.87	164	67084	21.949	ug/l	97
65) Chlorobenzene	11.66	112	182234	21.622	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	63247	21.116	ug/l	99
67) Ethyl Benzene	11.74	91	318864	21.830	ug/l	100
68) m/p-Xylenes	11.84	106	253276	43.871	ug/l	99
69) o-Xylene	12.17	106	118925	21.615	ug/l	99
70) Styrene	12.19	104	187415	20.947	ug/l	100
71) Bromoform	12.35	173	29989	17.951	ug/l #	100
73) Isopropylbenzene	12.47	105	337071	21.940	ug/l	99
74) N-amyl acetate	12.28	43	52226	17.503	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	45142	19.319	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	58272	35.083	ug/l #	100
77) Bromobenzene	12.75	156	81015	21.530	ug/l	97
78) n-propylbenzene	12.81	91	392896	21.982	ug/l	100
79) 2-Chlorotoluene	12.90	91	218568	21.764	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	283729	21.907	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	11918	17.152	ug/l	95
82) 4-Chlorotoluene	12.99	91	230336	21.896	ug/l	99
83) tert-Butylbenzene	13.21	119	255931	22.087	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	286310	21.846	ug/l	99
85) sec-Butylbenzene	13.39	105	363005	22.175	ug/l	100
86) p-Isopropyltoluene	13.51	119	326455	22.048	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	163021	21.769	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	160397	21.512	ug/l	99
89) n-Butylbenzene	13.83	91	300212	22.170	ug/l	99
90) Hexachloroethane	14.10	117	52839	21.068	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	142596	21.347	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7136	17.057	ug/l	97

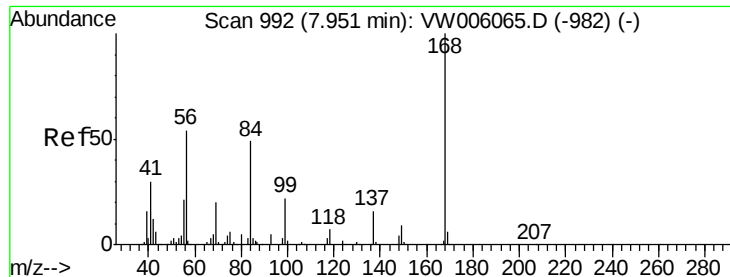
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102218\
Data File : VW006246.D
Acq On : 22 Oct 2018 13:00
Operator : VA/AP
Sample : VW1022SBS01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS01

Quant Time: Oct 22 14:03:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	111149	21.625	ug/l	99
94) Hexachlorobutadiene	15.24	225	72976	22.602	ug/l	99
95) Naphthalene	15.38	128	161850	18.929	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	93297	20.986	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006246.D

Acq: 22 Oct 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

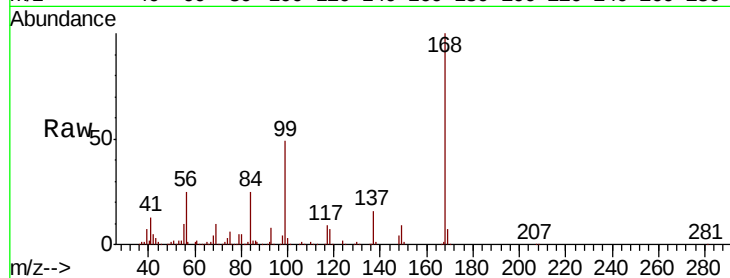
VW1022SBS01

Tot Ion:168 Resp: 318603

Ion Ratio Lower Upper

168 100

99 49.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

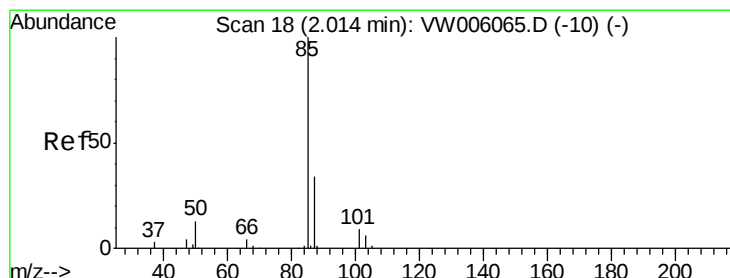
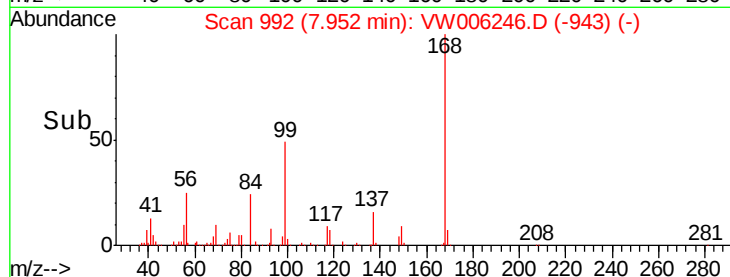
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 16.336 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW006246.D

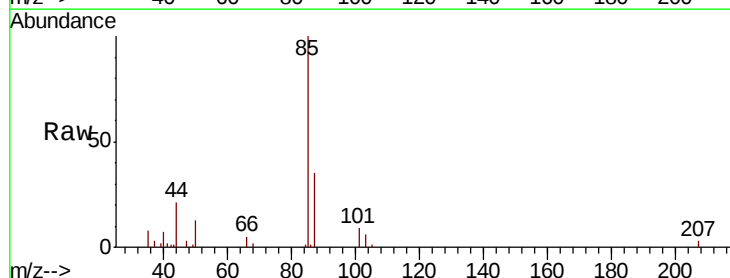
Acq: 22 Oct 2018 13:00

Tgt Ion: 85 Resp: 25755

Ion Ratio Lower Upper

85 100

87 34.6 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

6000

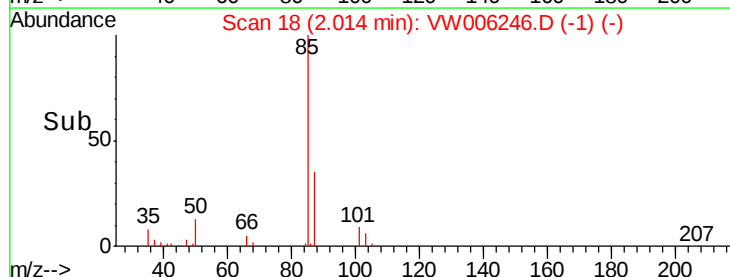
4000

2000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 15.995 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006246.D

Acq: 22 Oct 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

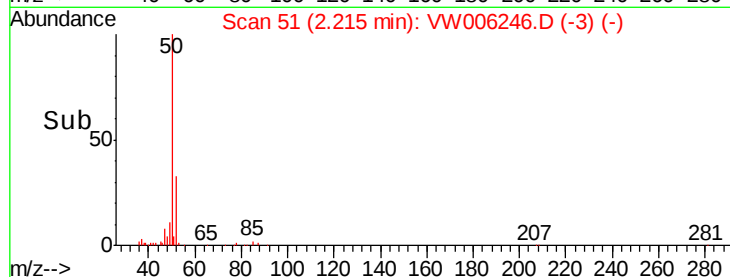
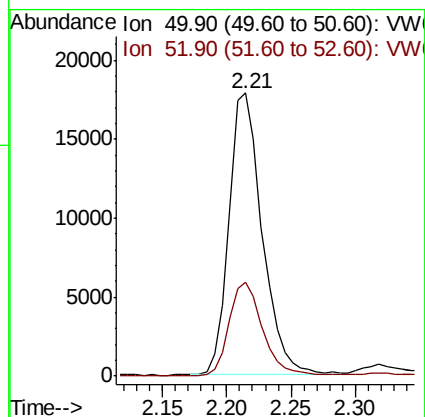
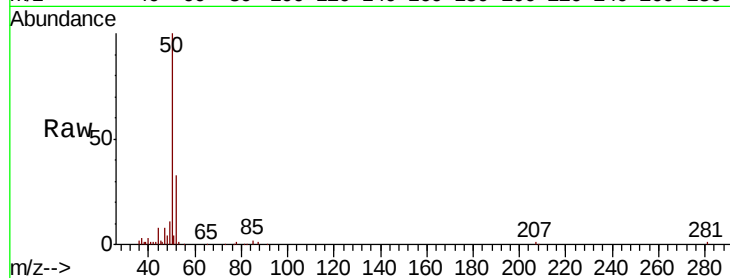
VW1022SBS01

Tot Ion: 50 Resp: 32461

Ion Ratio Lower Upper

50 100

52 33.3 26.8 40.2



#4

Vinyl Chloride

Concen: 17.834 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006246.D

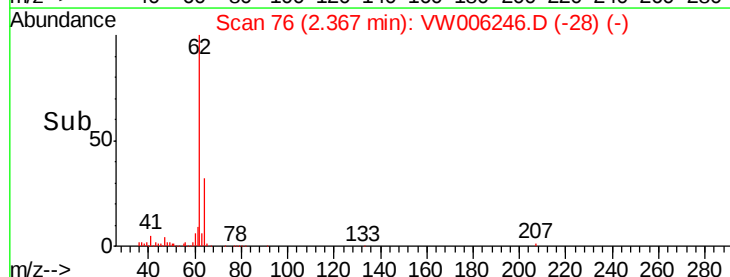
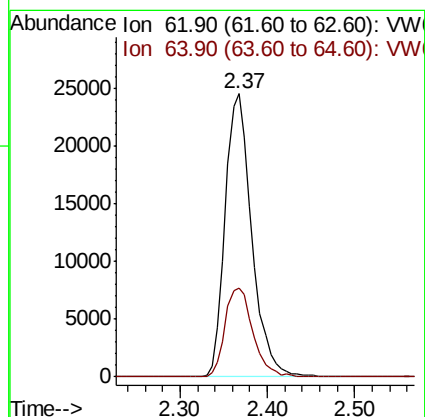
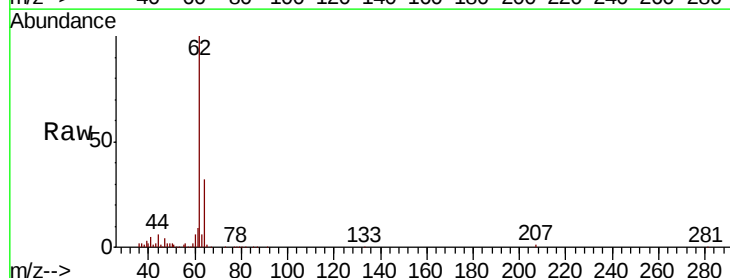
Acq: 22 Oct 2018 13:00

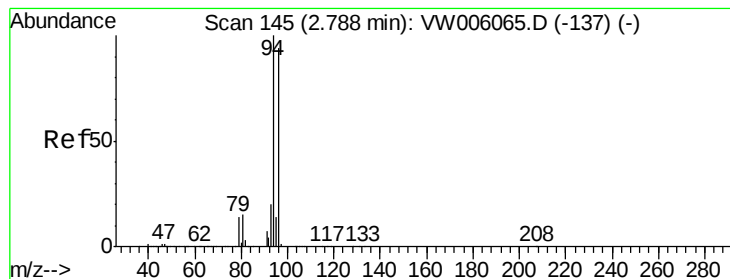
Tgt Ion: 62 Resp: 51689

Ion Ratio Lower Upper

62 100

64 31.6 25.9 38.9





#5

Bromomethane

Concen: 15.975 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW006246.D

Acq: 22 Oct 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

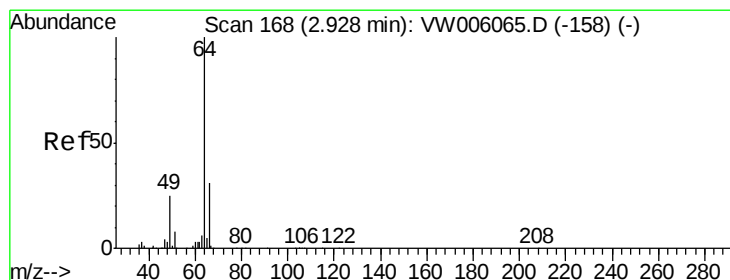
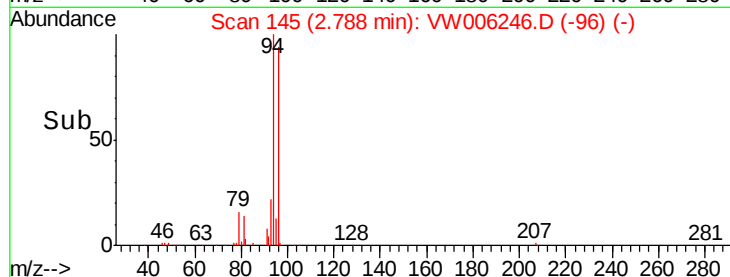
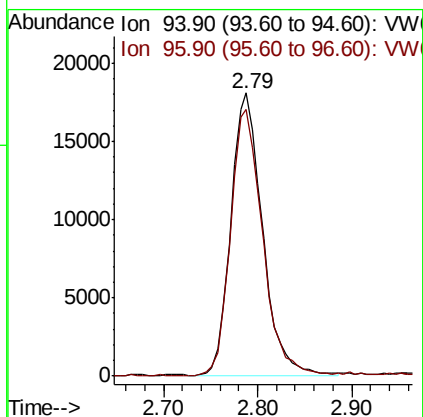
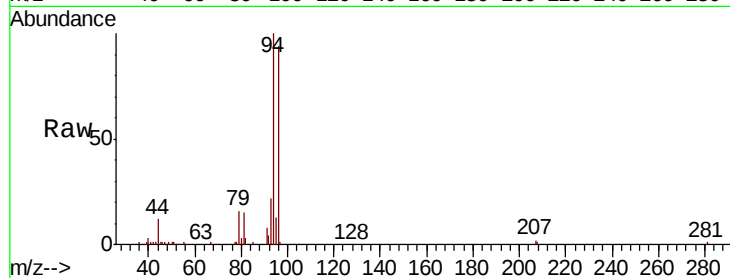
VW1022SBS01

Tot Ion: 94 Resp: 42112

Ion Ratio Lower Upper

94 100

96 94.0 74.9 112.3



#6

Chloroethane

Concen: 17.589 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW006246.D

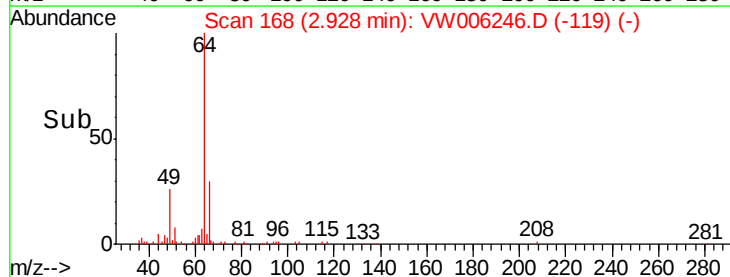
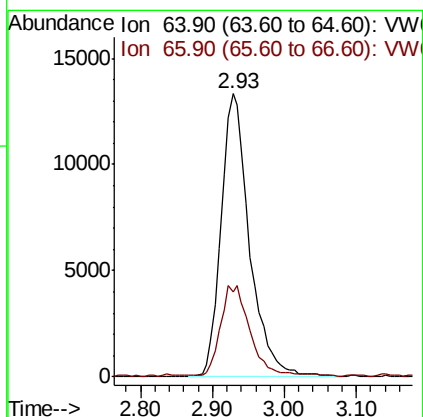
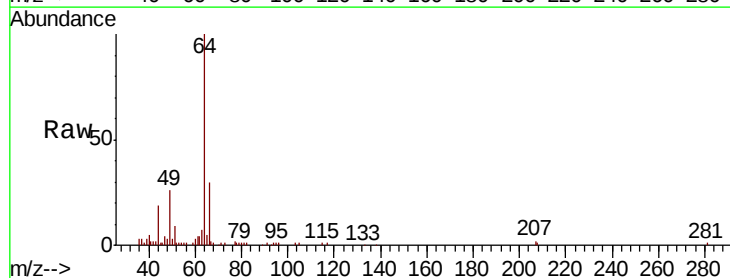
Acq: 22 Oct 2018 13:00

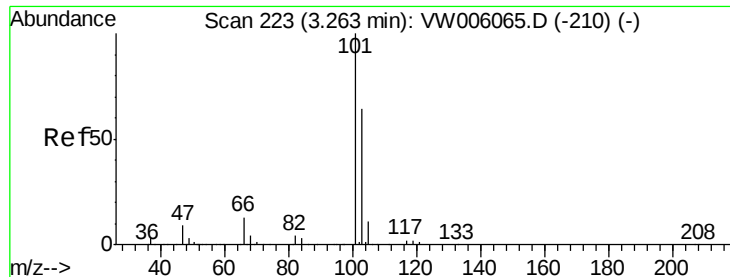
Tgt Ion: 64 Resp: 36533

Ion Ratio Lower Upper

64 100

66 29.8 24.9 37.3



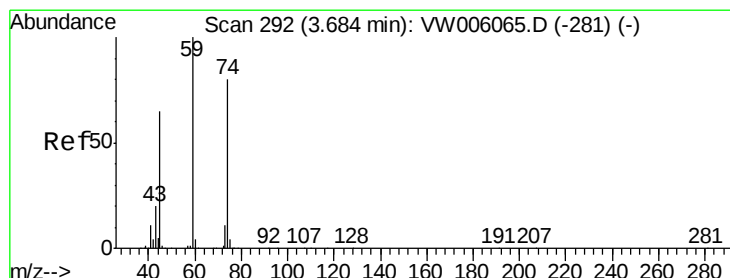
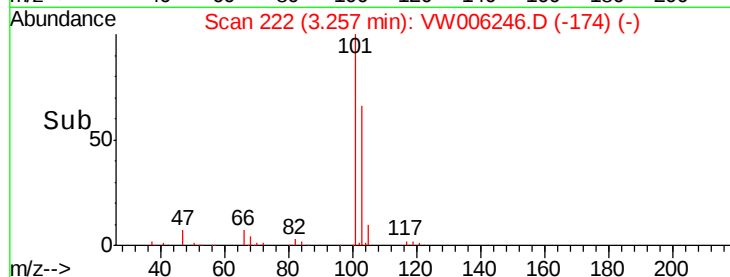
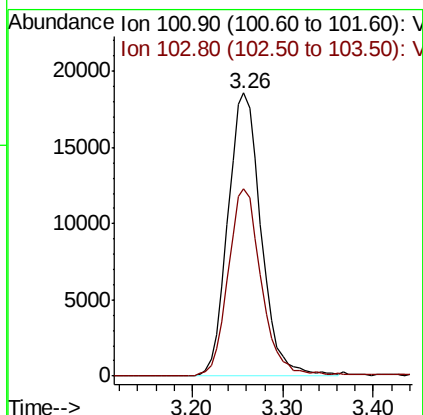
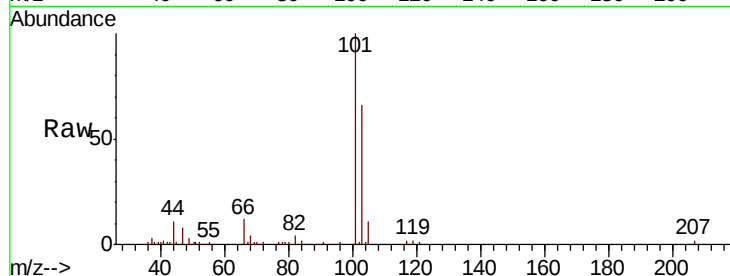


#7

Trichlorofluoromethane
Concen: 17.531 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW006246.D
Acq: 22 Oct 2018 13:00

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS01

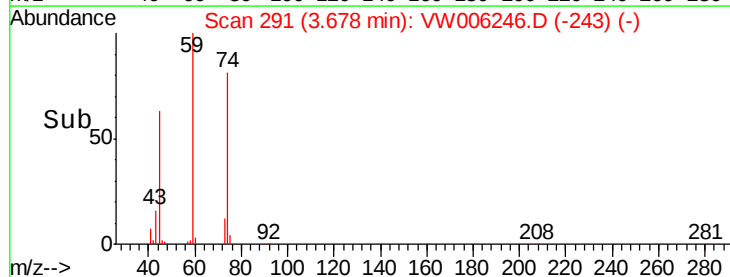
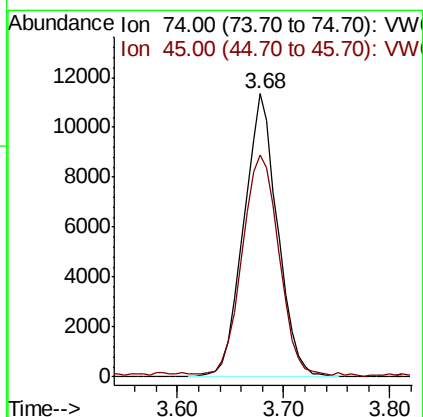
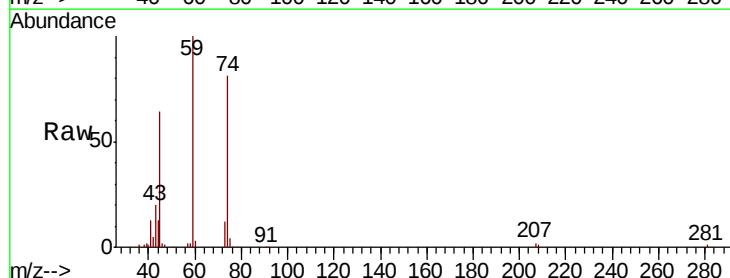
Tot Ion:101 Resp: 47333
Ion Ratio Lower Upper
101 100
103 66.3 51.2 76.8



#8

Diethyl Ether
Concen: 17.628 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW006246.D
Acq: 22 Oct 2018 13:00

Tgt Ion: 74 Resp: 25295
Ion Ratio Lower Upper
74 100
45 84.1 42.8 128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.595 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW006246.D

Acq: 22 Oct 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS01

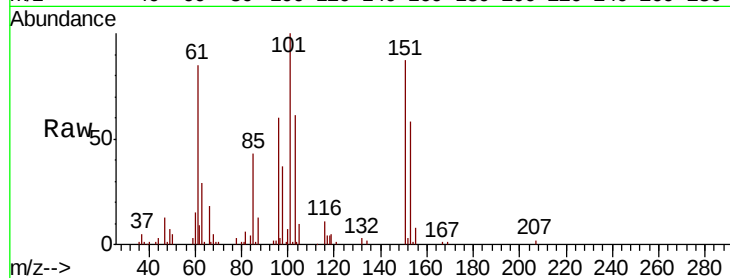
Tot Ion:101 Resp: 58274

Ion Ratio Lower Upper

101 100

85 40.7 34.9 52.3

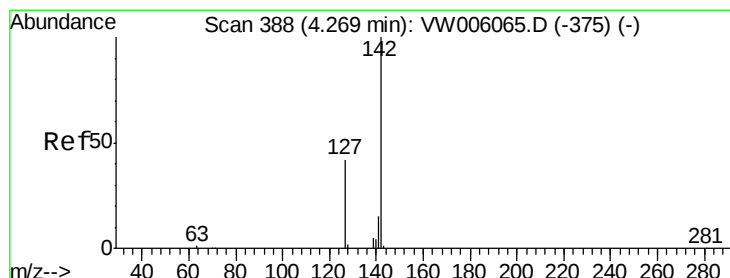
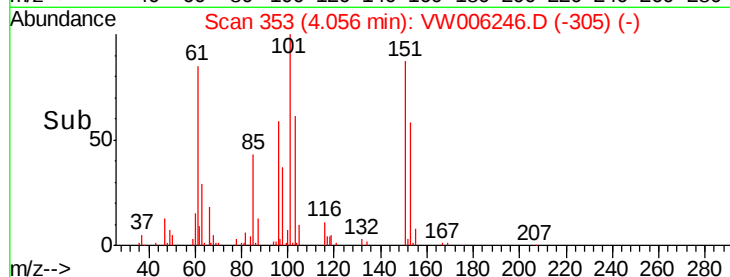
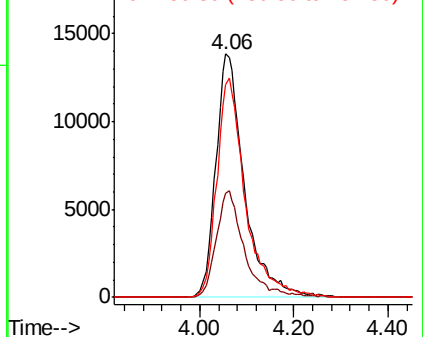
151 89.4 70.4 105.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.108 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW006246.D

Acq: 22 Oct 2018 13:00

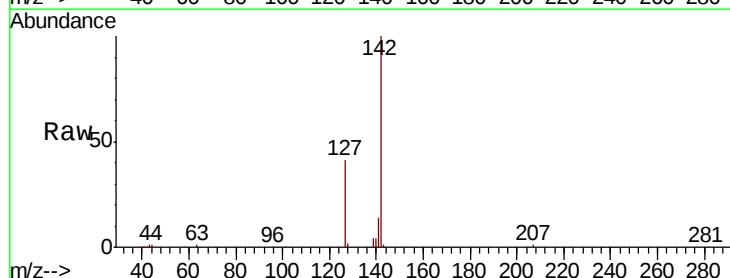
Tgt Ion:142 Resp: 94700

Ion Ratio Lower Upper

142 100

127 42.3 33.6 50.4

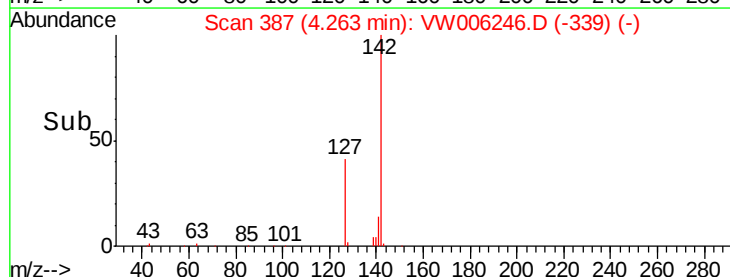
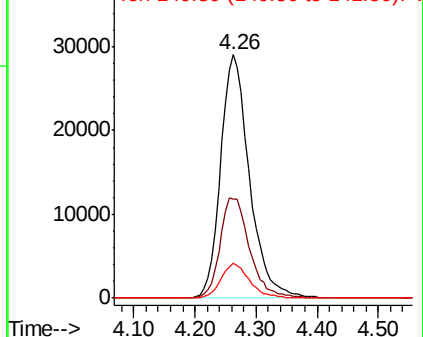
141 14.2 11.6 17.4

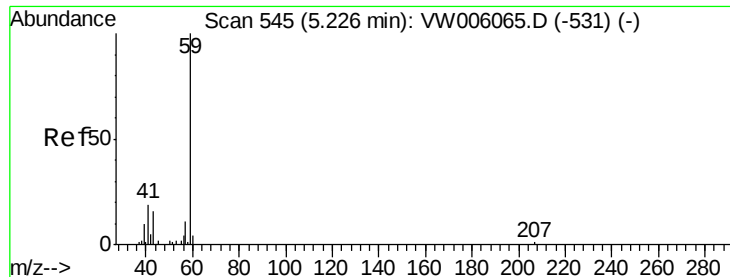


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



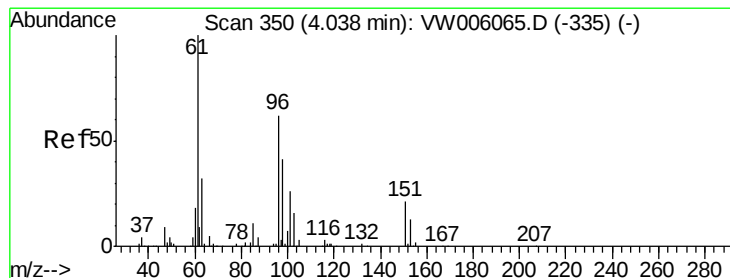
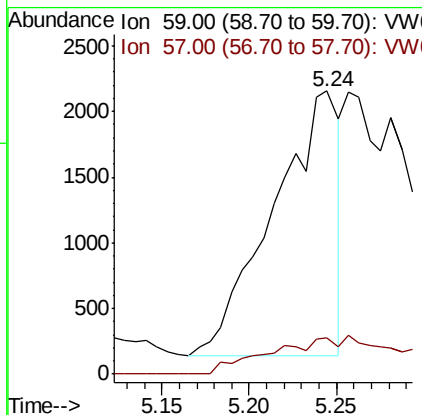
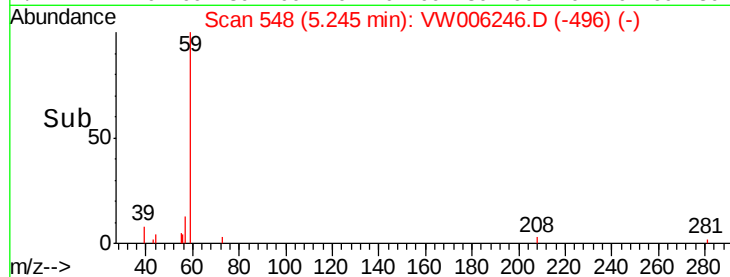
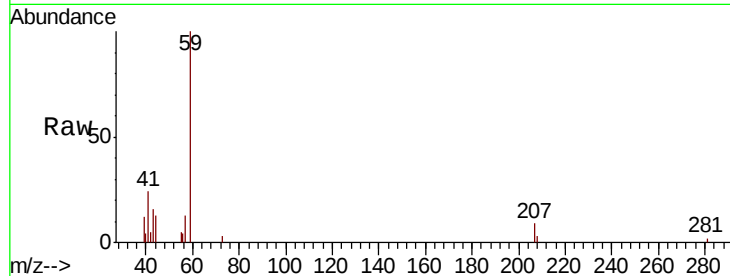


#11

Tert butyl alcohol
 Concen: 29.840 ug/l
 RT: 5.24 min Scan# 548
 Delta R.T. 0.02 min
 Lab File: VW006246.D
 Acq: 22 Oct 2018 13:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1022SBS01

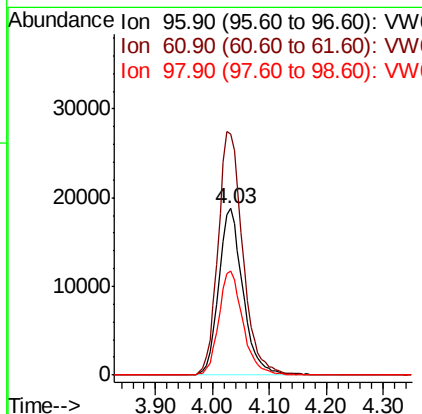
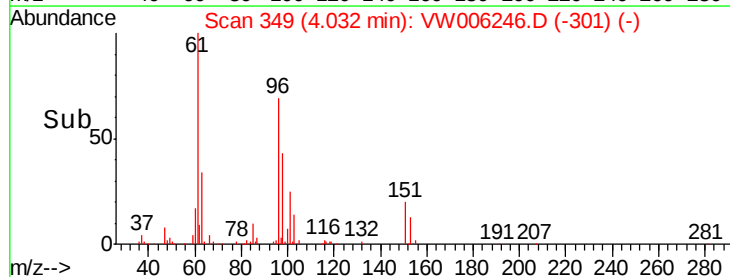
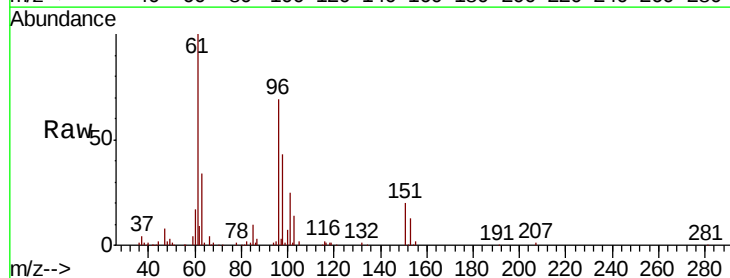
Tot Ion: 59 Resp: 5301
 Ion Ratio Lower Upper
 59 100
 57 14.5 8.7 13.1#

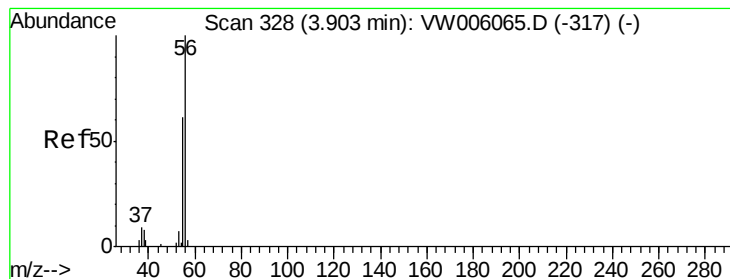


#12

1,1-Dichloroethene
 Concen: 20.867 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW006246.D
 Acq: 22 Oct 2018 13:00

Tgt Ion: 96 Resp: 55548
 Ion Ratio Lower Upper
 96 100
 61 145.1 129.3 193.9
 98 62.4 53.1 79.7





#13

Acrolein

Concen: 85.657 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW006246.D

Acq: 22 Oct 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

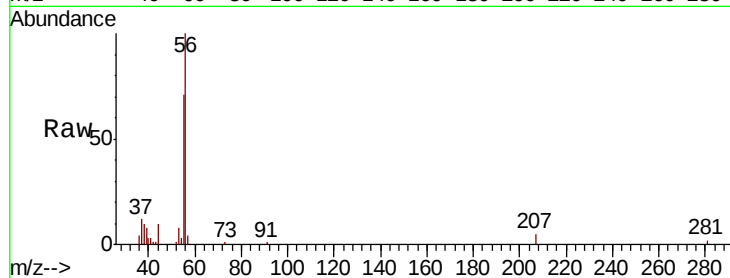
VW1022SBS01

Tot Ion: 56 Resp: 14724

Ion Ratio Lower Upper

56 100

55 73.5 54.5 81.7



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.90

6000

5000

4000

3000

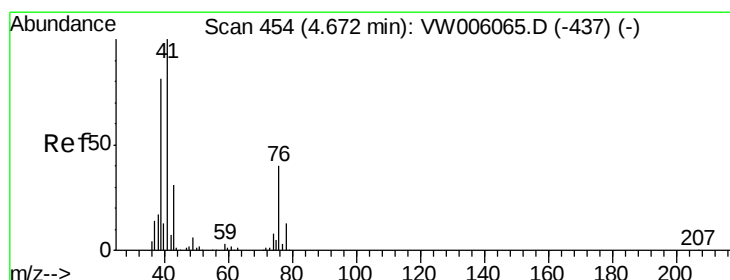
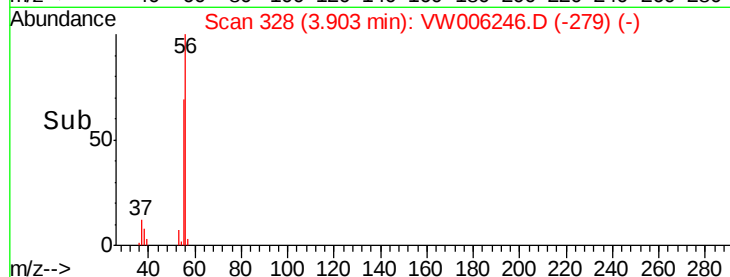
2000

1000

0

Time-->

3.80 3.90 4.00



#14

Allyl chloride

Concen: 19.578 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006246.D

Acq: 22 Oct 2018 13:00

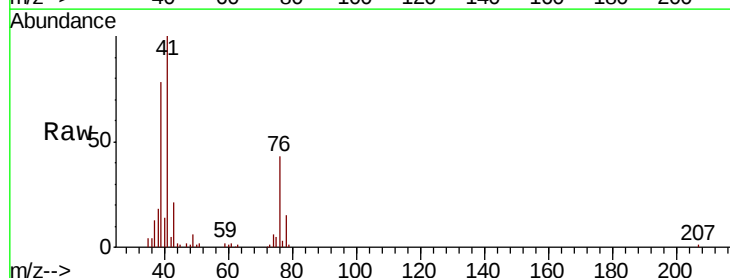
Tgt Ion: 41 Resp: 74520

Ion Ratio Lower Upper

41 100

39 79.5 64.1 96.1

76 41.2 32.2 48.4



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

4.67

30000

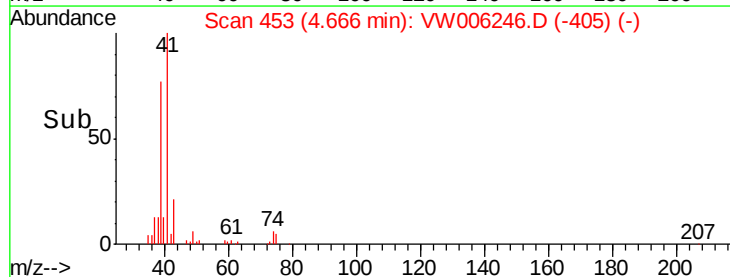
20000

10000

0

Time-->

4.50 4.60 4.70 4.80





#15

Acrylonitrile

Concen: 86.739 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW006246.D

Acq: 22 Oct 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS01

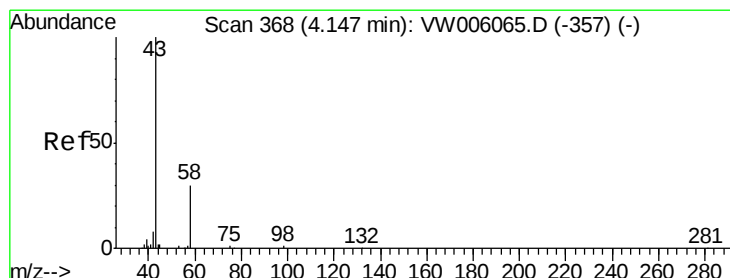
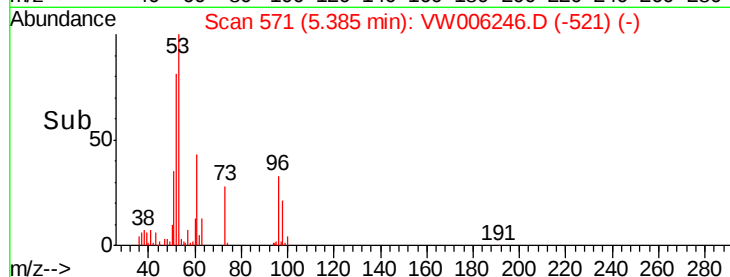
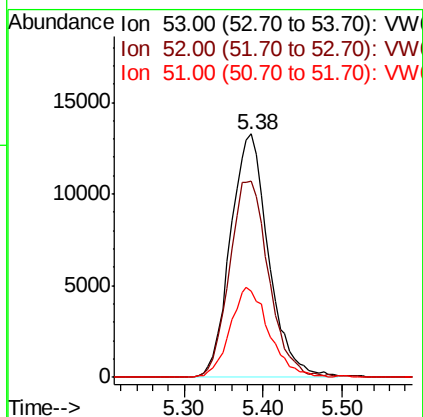
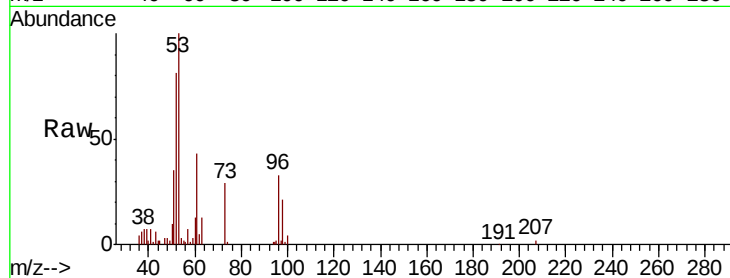
Tot Ion: 53 Resp: 44642

Ion Ratio Lower Upper

53 100

52 83.4 66.9 100.3

51 37.7 30.1 45.1



#16

Acetone

Concen: 107.079 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW006246.D

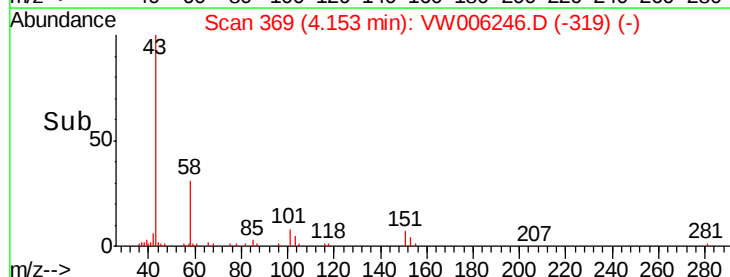
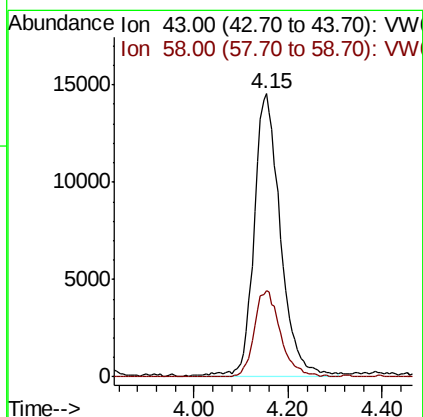
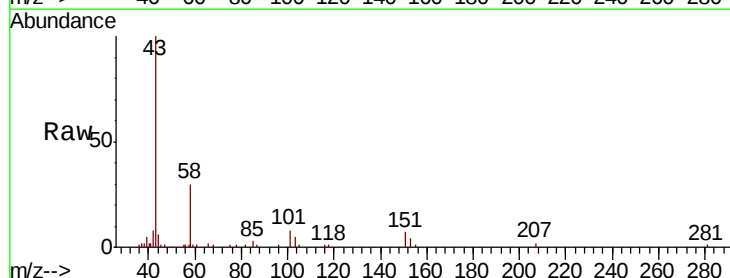
Acq: 22 Oct 2018 13:00

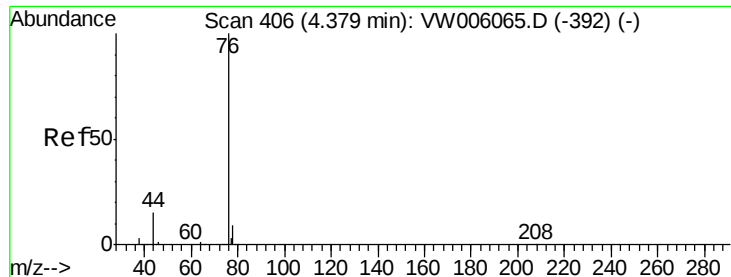
Tgt Ion: 43 Resp: 57256

Ion Ratio Lower Upper

43 100

58 30.5 24.0 36.0





#17

Carbon Disulfide

Concen: 18.209 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006246.D

Acq: 22 Oct 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

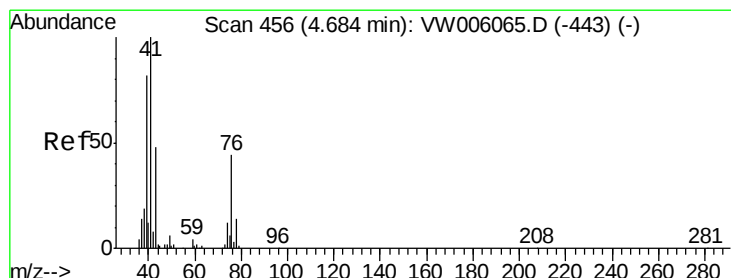
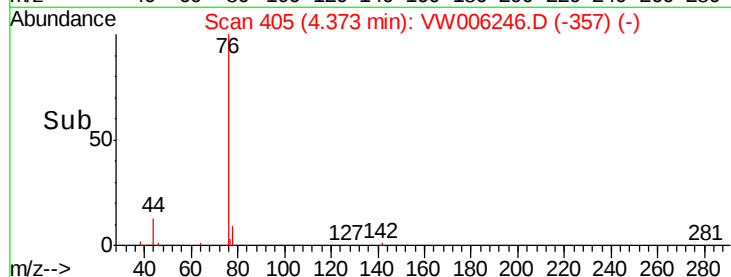
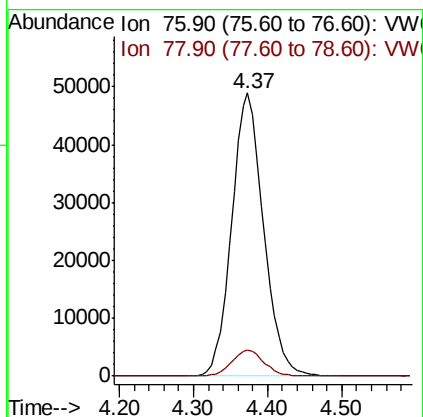
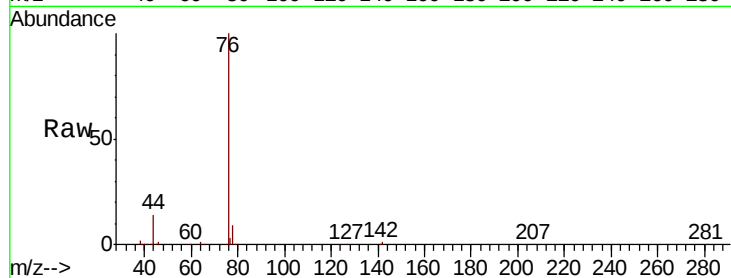
VW1022SBS01

Tot Ion: 76 Resp: 146292

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3



#18

Methyl Acetate

Concen: 16.811 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW006246.D

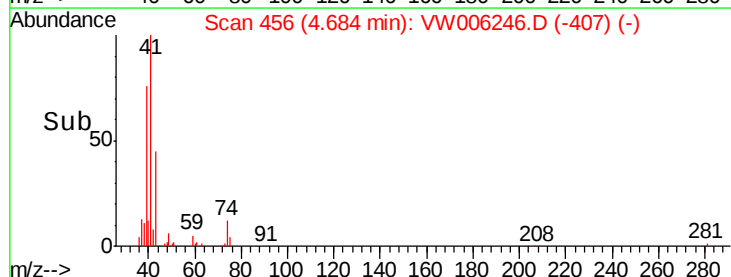
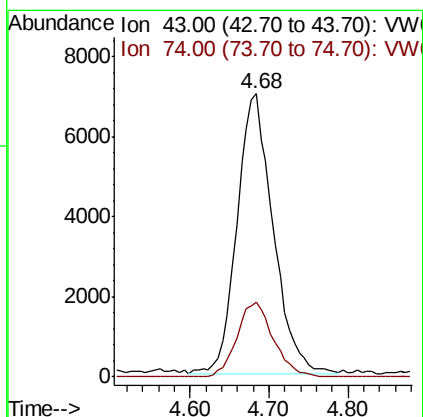
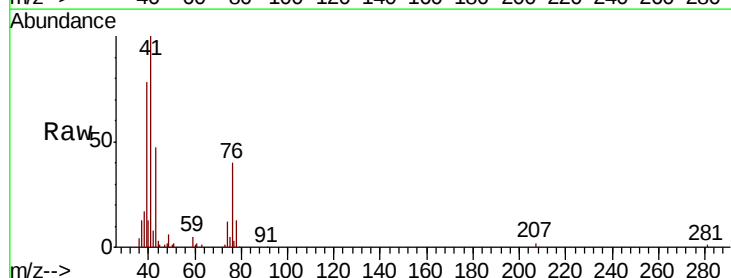
Acq: 22 Oct 2018 13:00

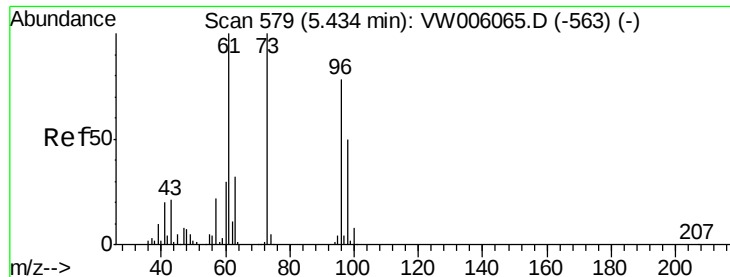
Tgt Ion: 43 Resp: 22346

Ion Ratio Lower Upper

43 100

74 26.8 20.5 30.7

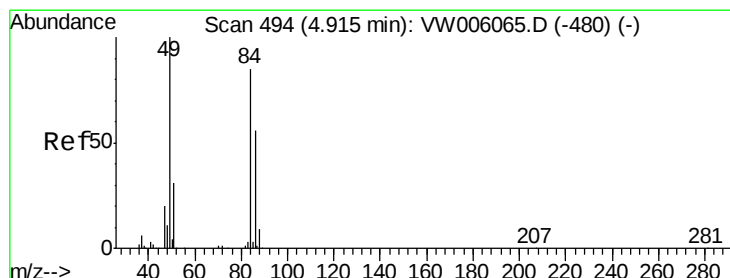
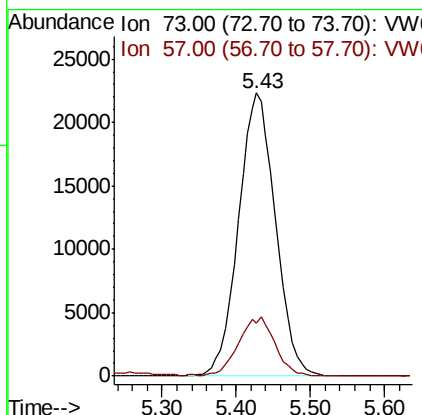
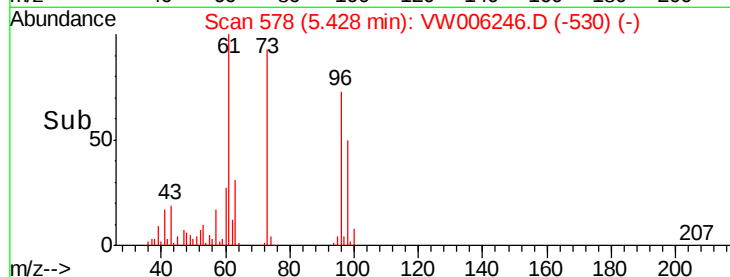
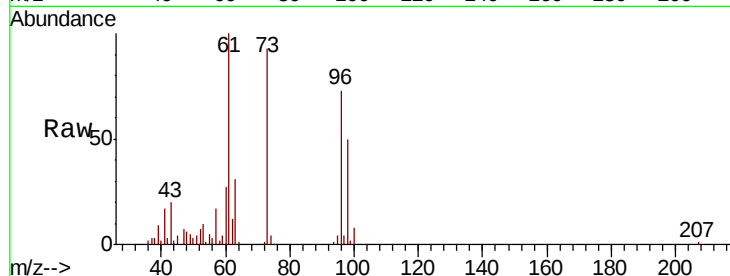




#19
Methyl tert-butyl Ether
Concen: 19.108 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006246.D
Acq: 22 Oct 2018 13:00

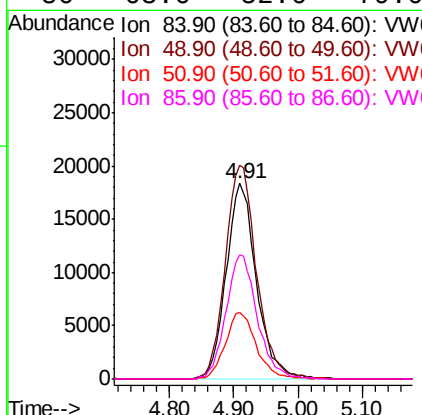
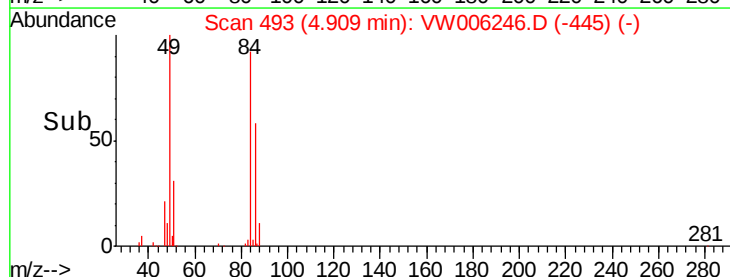
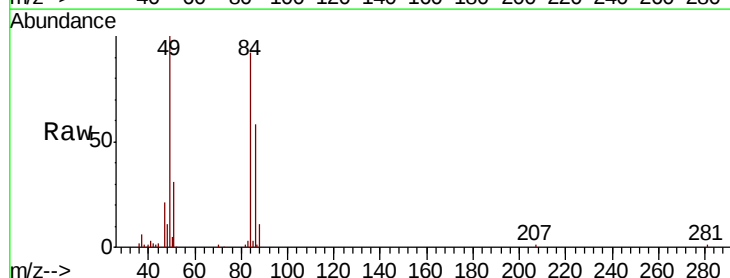
Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS01

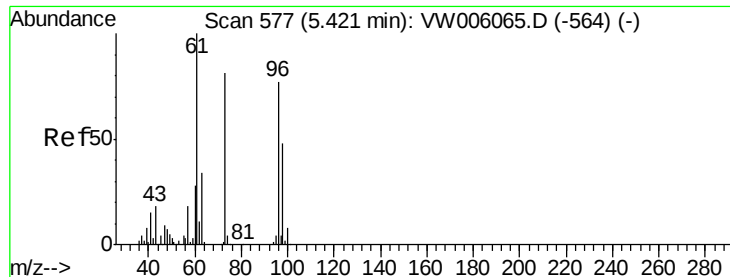
Tot Ion: 73 Resp: 77474
Ion Ratio Lower Upper
73 100
57 18.7 17.4 26.2



#20
Methylene Chloride
Concen: 20.713 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006246.D
Acq: 22 Oct 2018 13:00

Tgt Ion: 84 Resp: 60554
Ion Ratio Lower Upper
84 100
49 109.2 93.6 140.4
51 34.3 29.0 43.4
86 63.6 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 20.373 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006246.D

Acq: 22 Oct 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS01

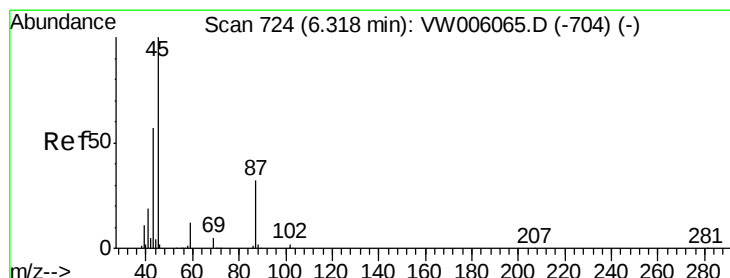
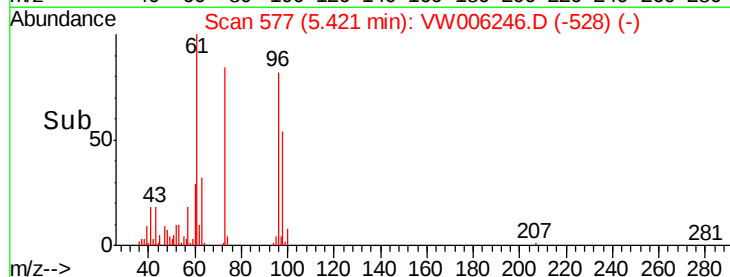
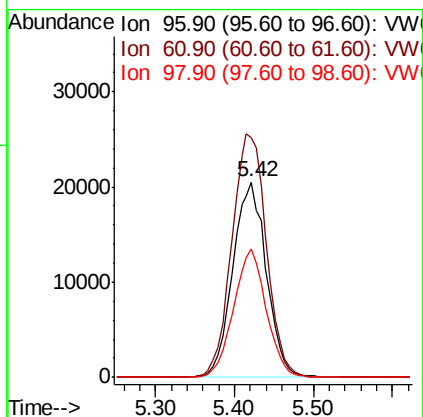
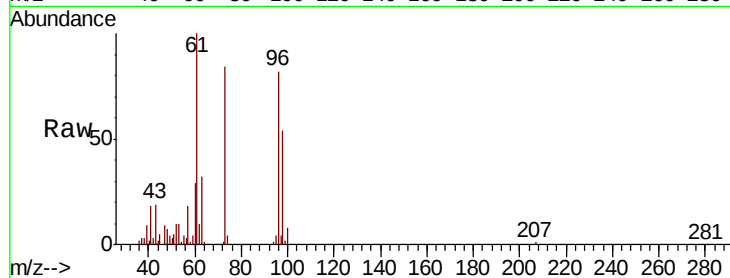
Tot Ion: 96 Resp: 60534

Ion Ratio Lower Upper

96 100

61 122.7 104.5 156.7

98 65.8 50.6 75.8



#22

Diisopropyl ether

Concen: 19.187 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW006246.D

Acq: 22 Oct 2018 13:00

Tgt Ion: 45 Resp: 144323

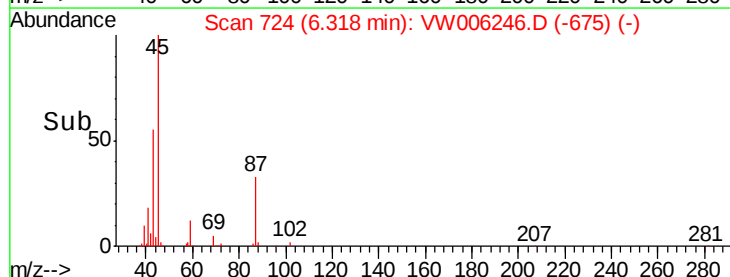
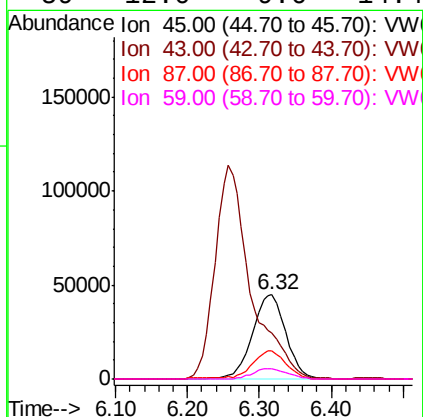
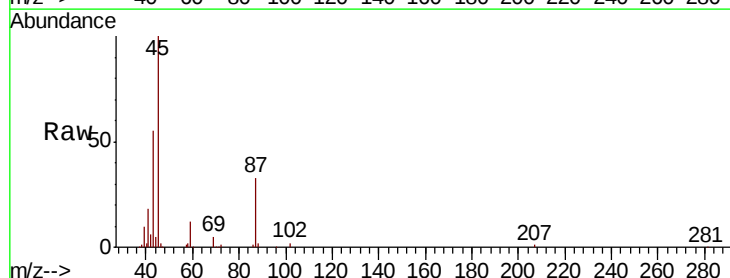
Ion Ratio Lower Upper

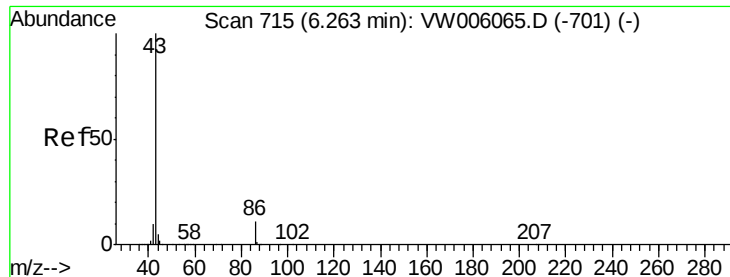
45 100

43 54.0 45.7 68.5

87 33.2 25.9 38.9

59 12.0 9.6 14.4

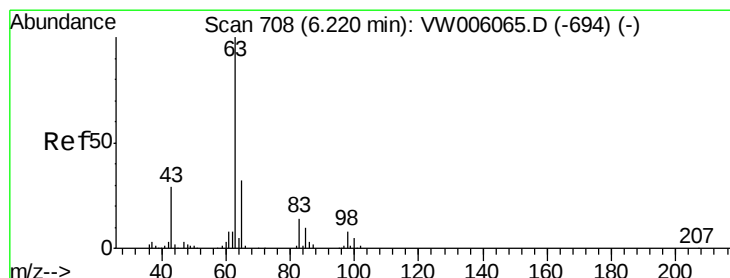
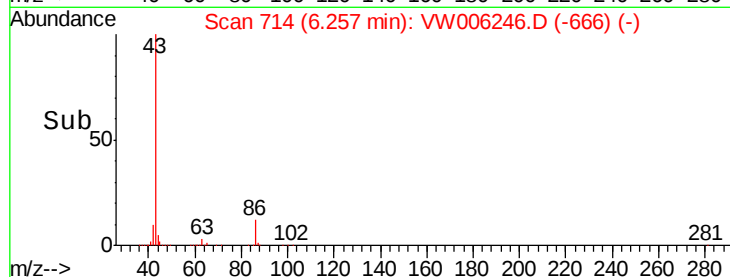
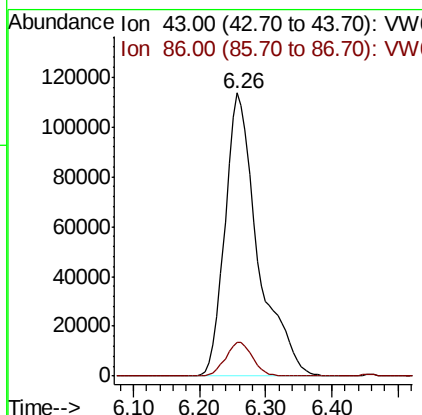
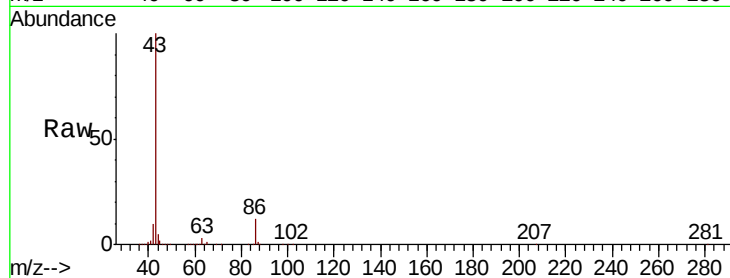




#23
 Vinyl Acetate
 Concen: 88.373 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: VW006246.D
 Acq: 22 Oct 2018 13:00

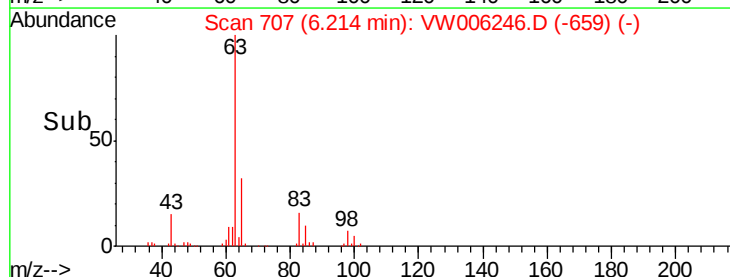
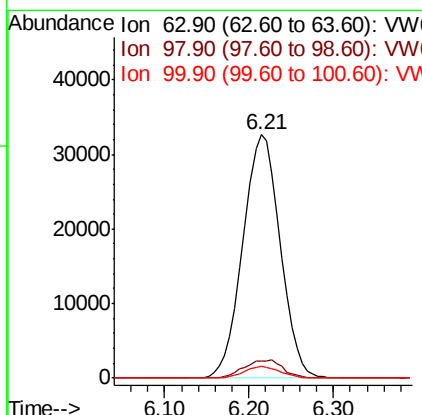
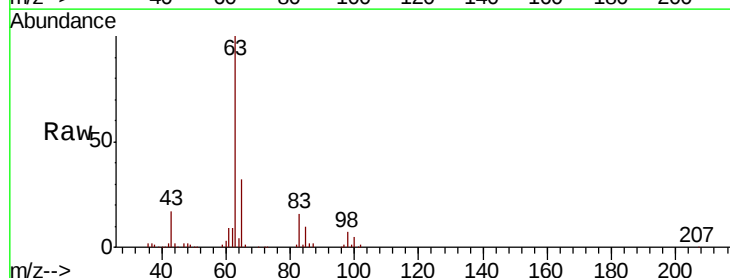
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1022SBS01

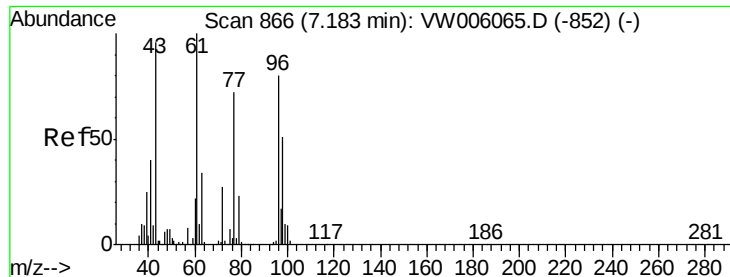
Tot Ion: 43 Resp: 392289
 Ion Ratio Lower Upper
 43 100
 86 12.0 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 20.227 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: VW006246.D
 Acq: 22 Oct 2018 13:00

Tgt Ion: 63 Resp: 98173
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.2
 100 5.2 2.5 7.5





#25

2-Butanone

Concen: 90.653 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006246.D

Acq: 22 Oct 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

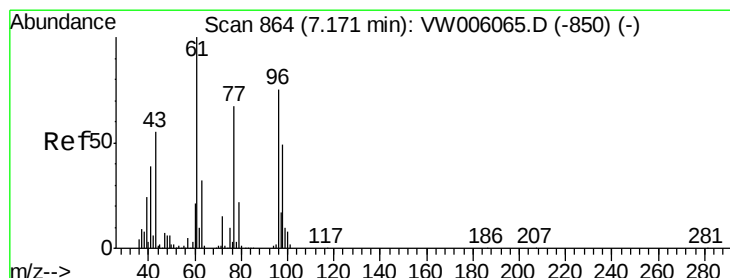
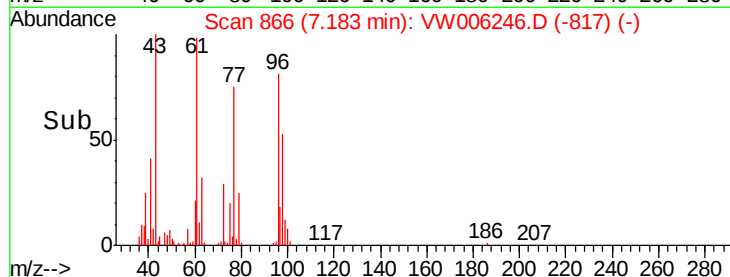
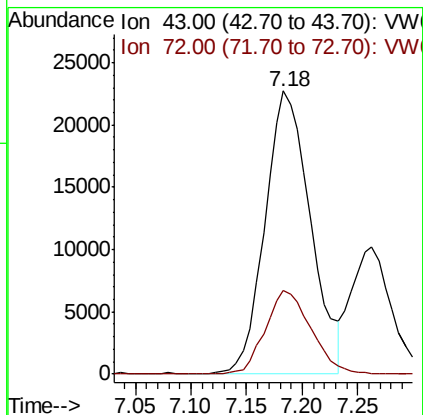
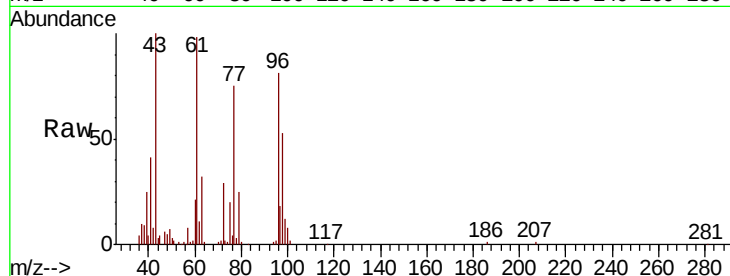
VW1022SBS01

Tot Ion: 43 Resp: 64687

Ion Ratio Lower Upper

43 100

72 29.4 22.8 34.2



#26

2,2-Dichloropropane

Concen: 20.819 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006246.D

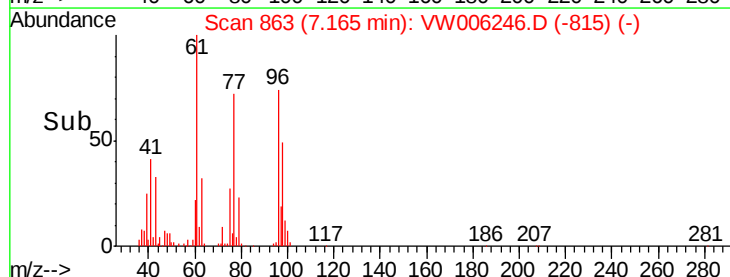
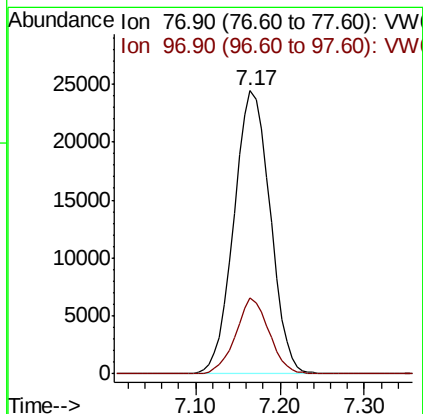
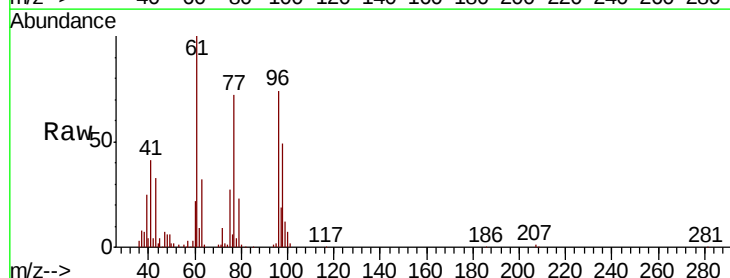
Acq: 22 Oct 2018 13:00

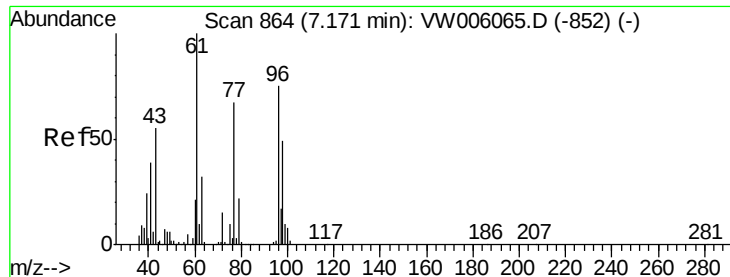
Tgt Ion: 77 Resp: 71267

Ion Ratio Lower Upper

77 100

97 24.5 12.2 36.4



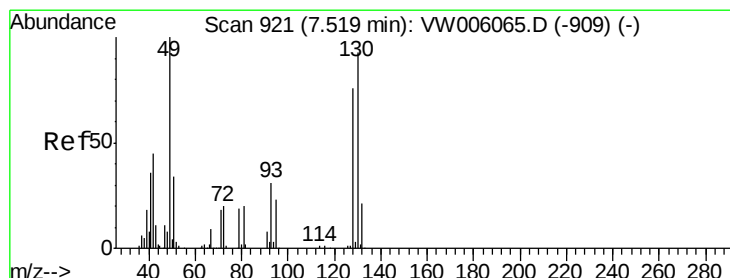
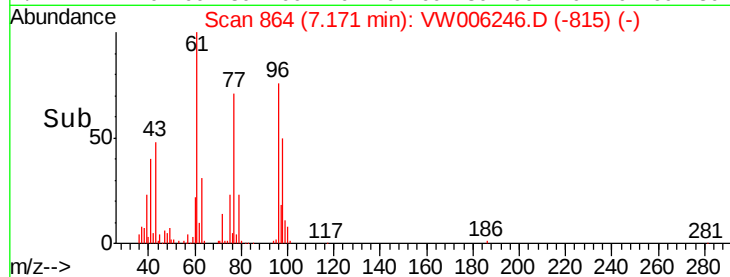
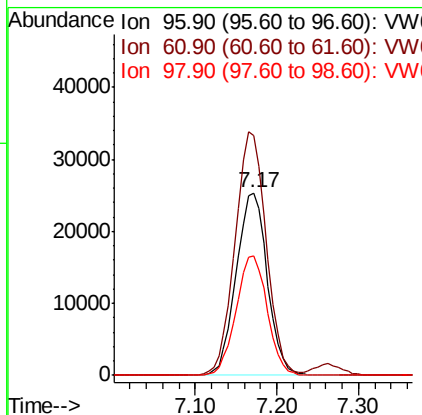
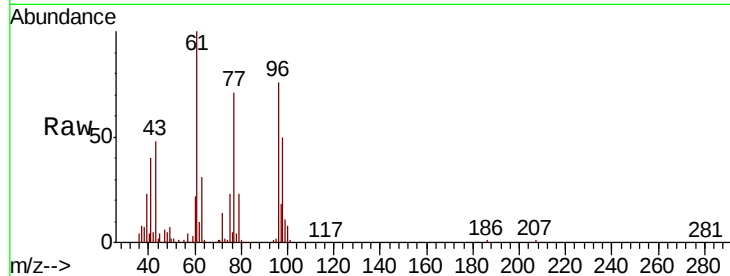


#27

cis-1,2-Dichloroethene
Concen: 20.360 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW006246.D
Acq: 22 Oct 2018 13:00

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS01

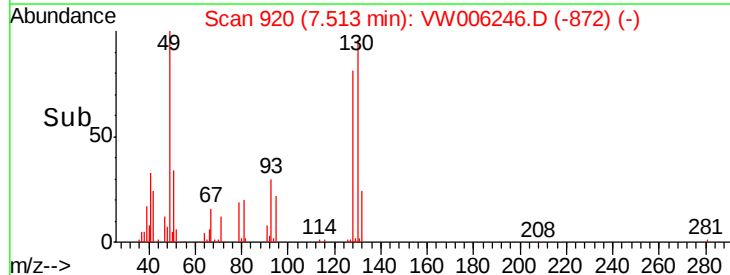
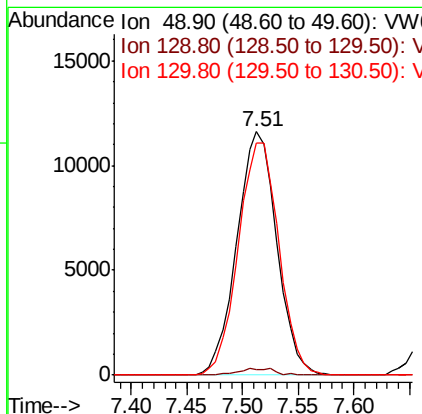
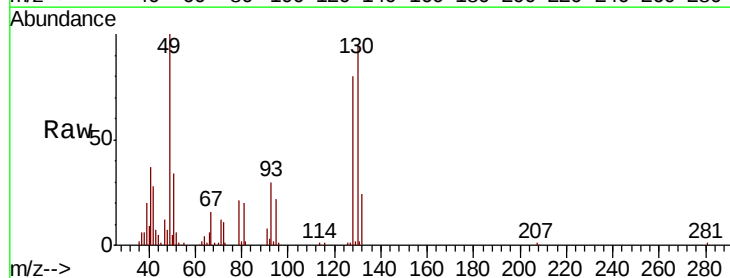
Tot Ion	Ratio	Lower	Upper
96	100		
61	133.9	0.0	267.2
98	65.6	0.0	128.6

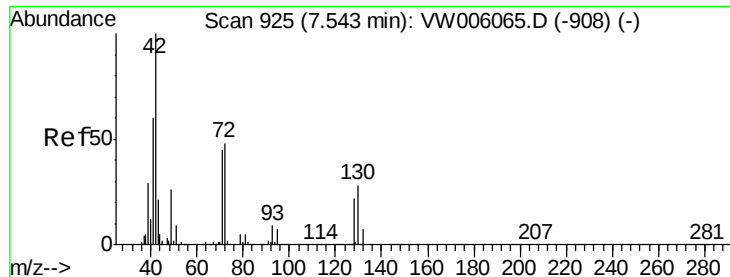


#28

Bromochloromethane
Concen: 15.483 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW006246.D
Acq: 22 Oct 2018 13:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	96.6	73.8	110.8





#29

Tetrahydrofuran

Concen: 81.288 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.00 min

Lab File: VW006246.D

Acq: 22 Oct 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS01

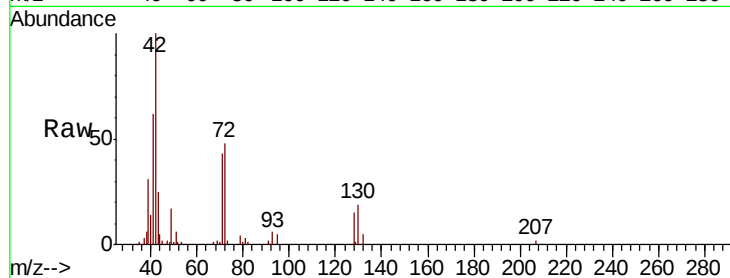
Tot Ion: 42 Resp: 35654

Ion Ratio Lower Upper

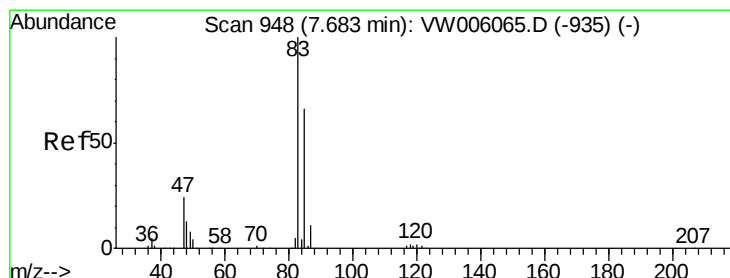
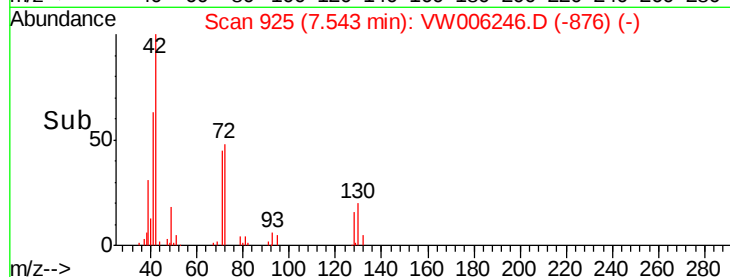
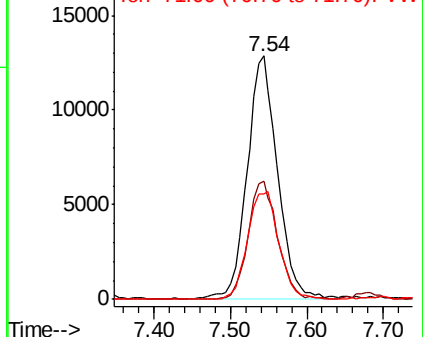
42 100

72 47.0 38.0 57.0

71 45.3 35.3 52.9



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



#30

Chloroform

Concen: 20.256 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.01 min

Lab File: VW006246.D

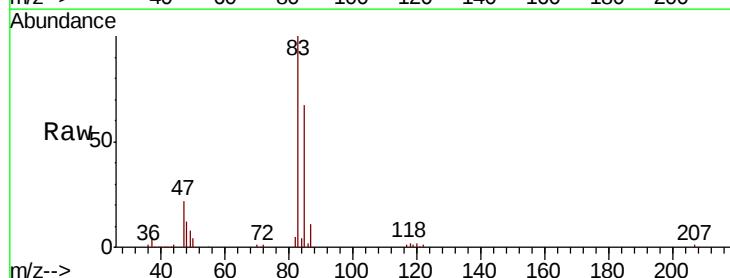
Acq: 22 Oct 2018 13:00

Tgt Ion: 83 Resp: 107111

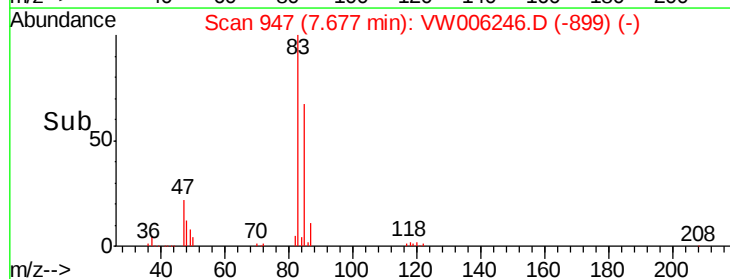
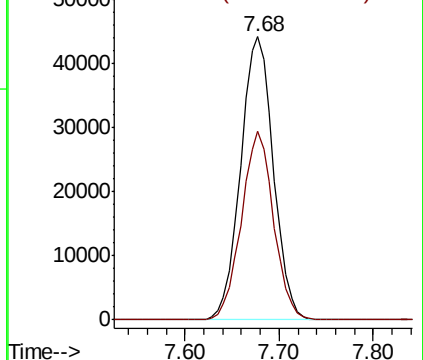
Ion Ratio Lower Upper

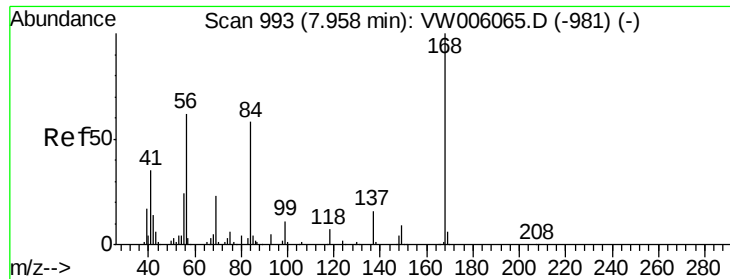
83 100

85 66.7 52.6 79.0



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

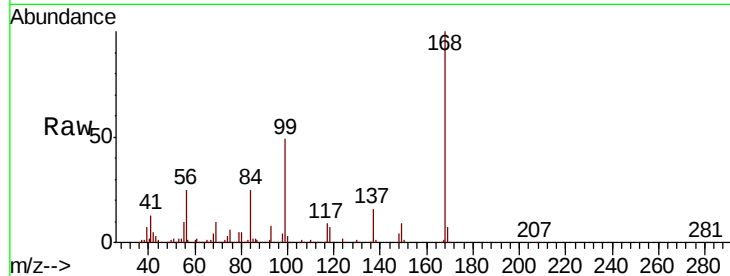




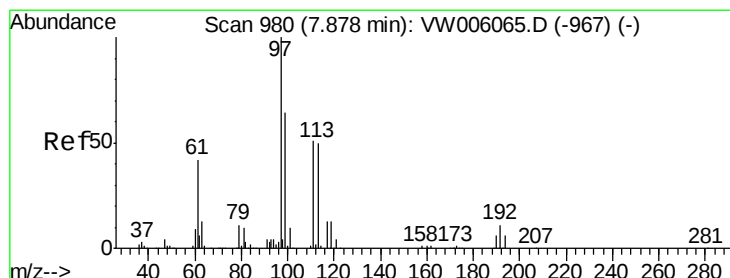
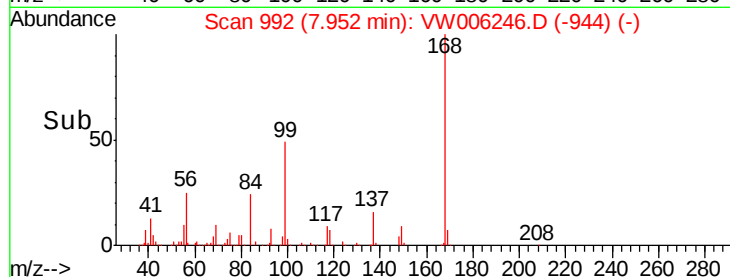
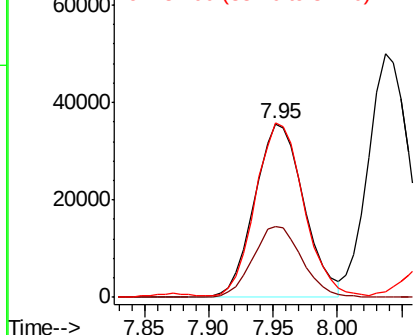
#31
Cyclohexane
Concen: 19.556 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006246.D
Acq: 22 Oct 2018 13:00

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS01

Tot Ion: 56 Resp: 94523
Ion Ratio Lower Upper
56 100
69 40.4 29.4 44.0
84 98.6 74.0 111.0

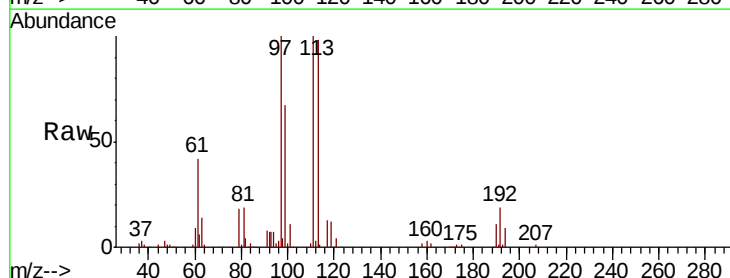


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

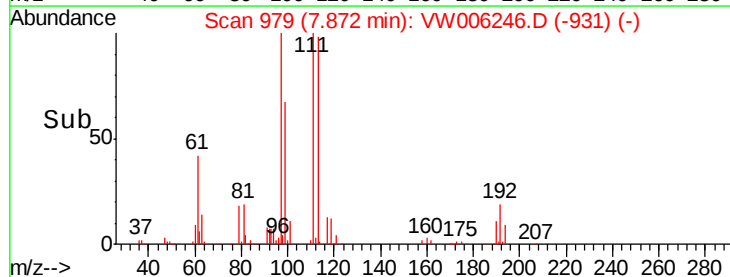
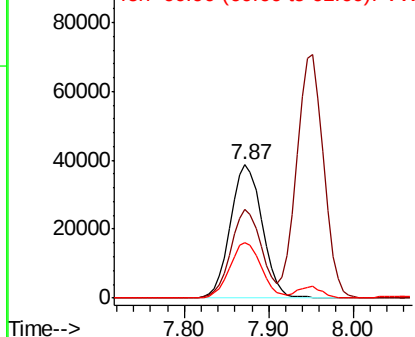


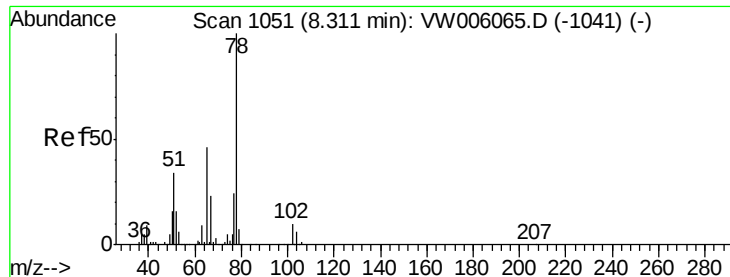
#32
1,1,1-Trichloroethane
Concen: 20.703 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW006246.D
Acq: 22 Oct 2018 13:00

Tgt Ion: 97 Resp: 98752
Ion Ratio Lower Upper
97 100
99 64.3 50.9 76.3
61 41.5 33.7 50.5



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





#33

1,2-Dichloroethane-d4

Concen: 45.008 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006246.D

Acq: 22 Oct 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

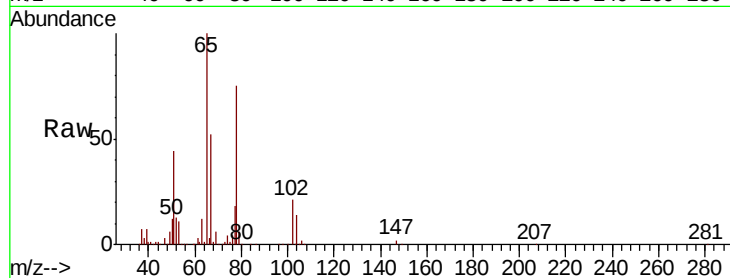
VW1022SBS01

Tot Ion: 65 Resp: 118883

Ion Ratio Lower Upper

65 100

67 51.8 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

60000

50000

40000

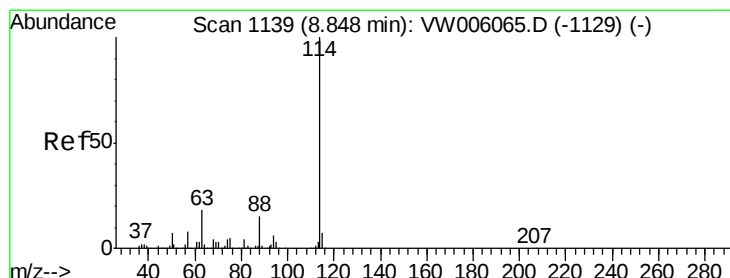
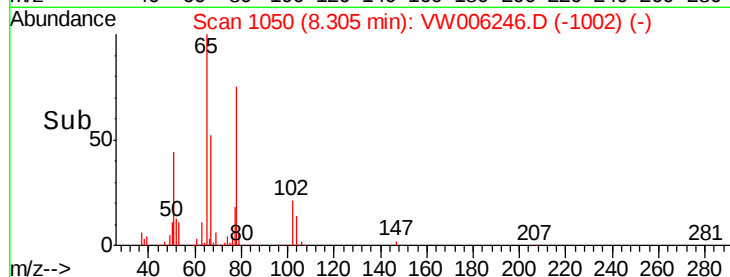
30000

20000

10000

0

Time--> 8.20 8.25 8.30 8.35 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006246.D

Acq: 22 Oct 2018 13:00

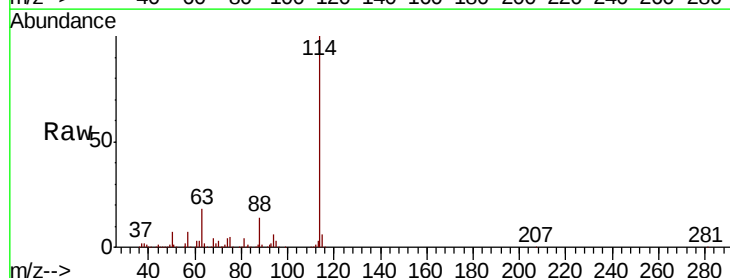
Tgt Ion: 114 Resp: 445564

Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.8

88 14.5 0.0 29.0



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

8.85

300000

250000

200000

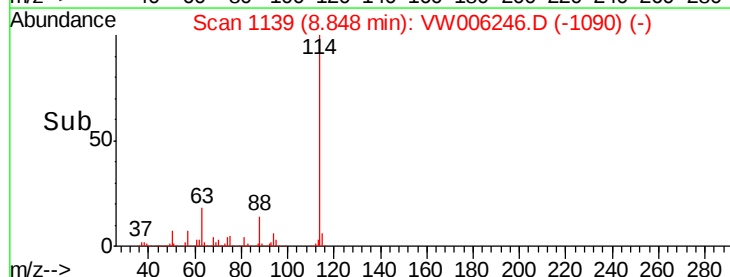
150000

100000

50000

0

Time--> 8.70 8.80 8.90 9.00





#35

Dibromofluoromethane

Concen: 49.085 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006246.D

Acq: 22 Oct 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS01

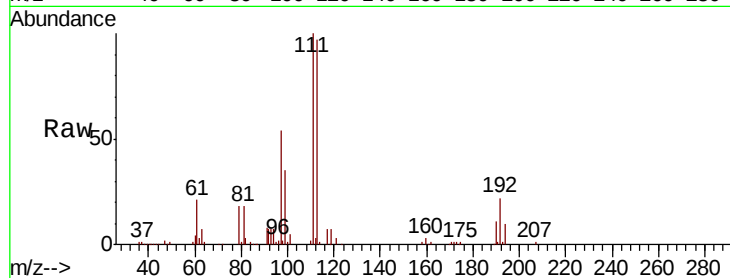
Tot Ion:113 Resp: 129231

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

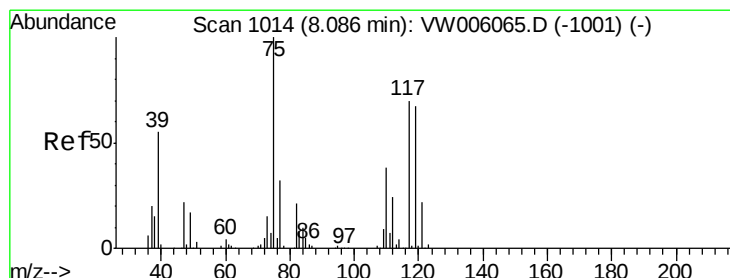
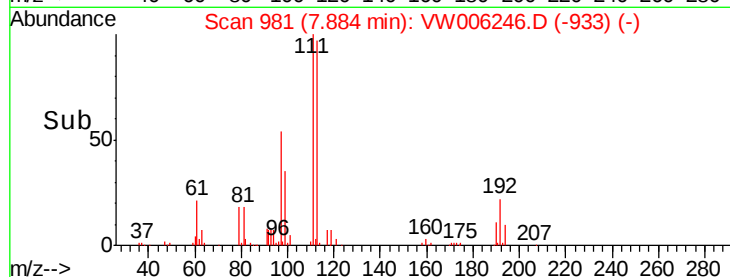
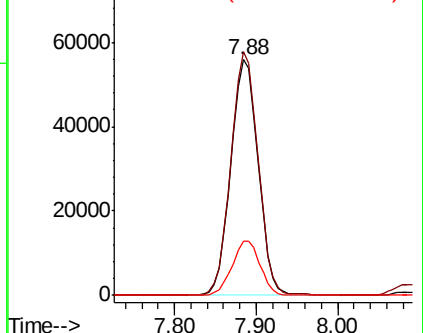
192 23.5 18.7 28.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 21.171 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW006246.D

Acq: 22 Oct 2018 13:00

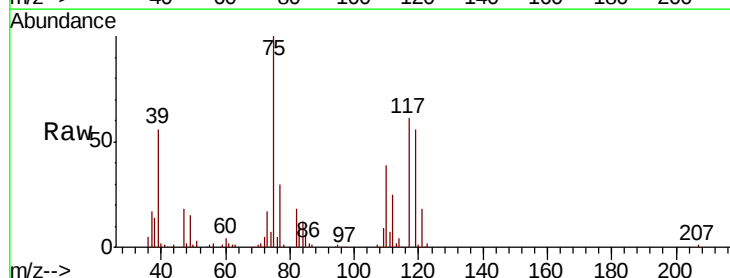
Tgt Ion: 75 Resp: 86948

Ion Ratio Lower Upper

75 100

110 38.8 19.1 57.1

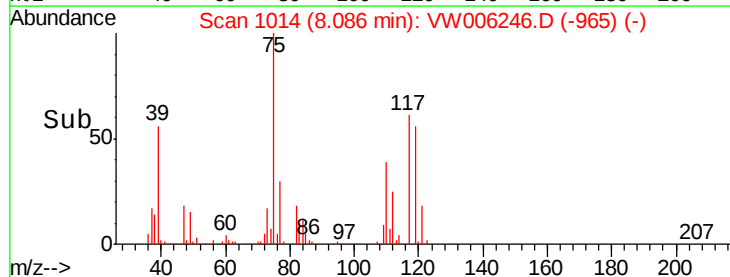
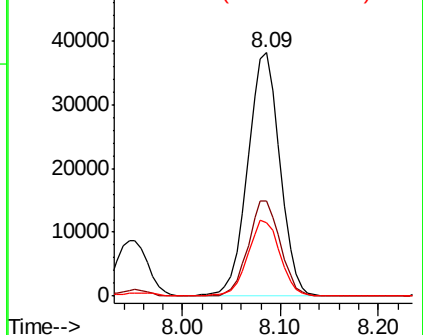
77 31.1 25.0 37.4

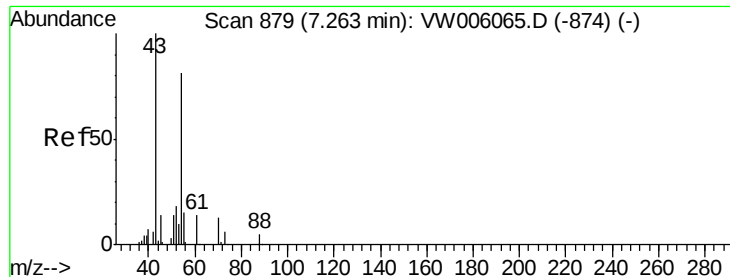


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

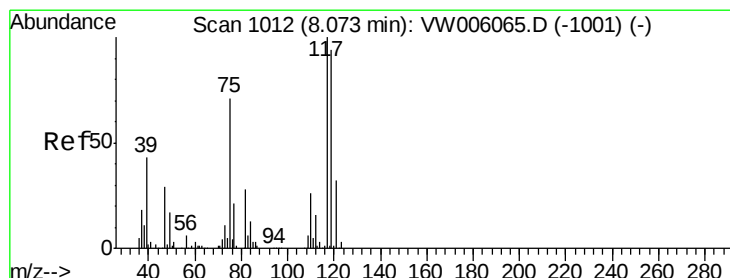
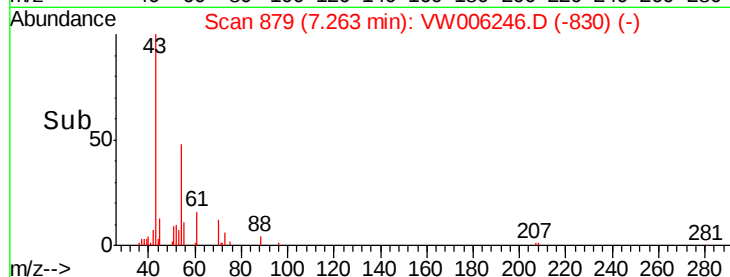
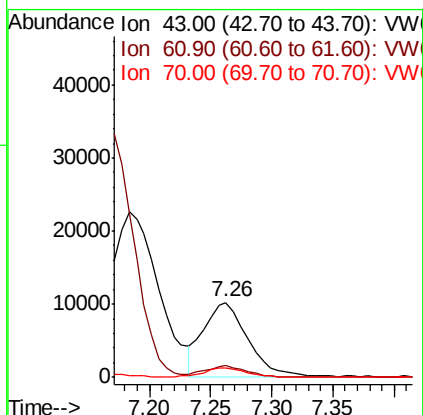
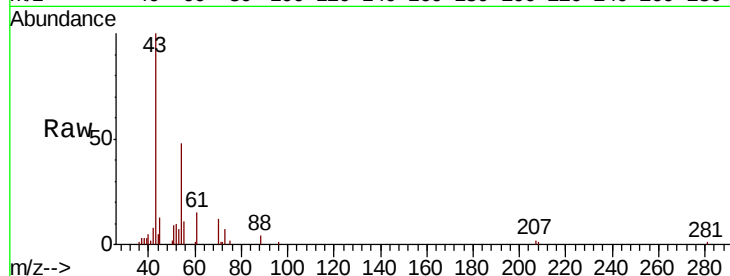




#37
Ethyl Acetate
Concen: 16.776 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: VW006246.D
Acq: 22 Oct 2018 13:00

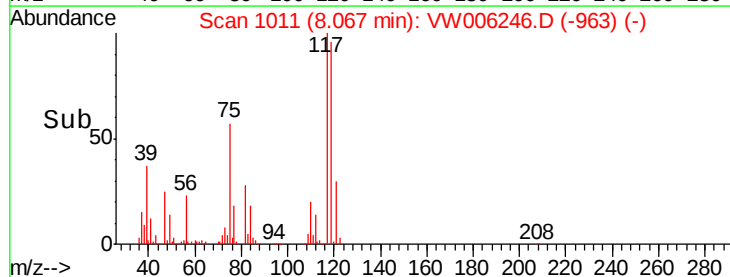
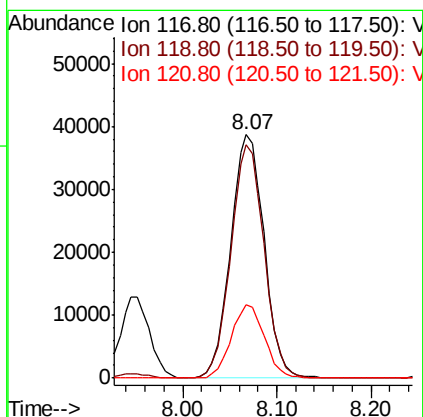
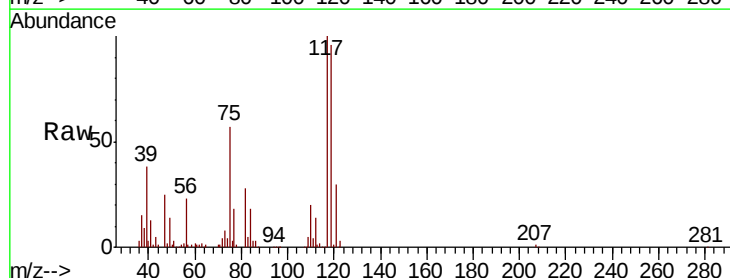
Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS01

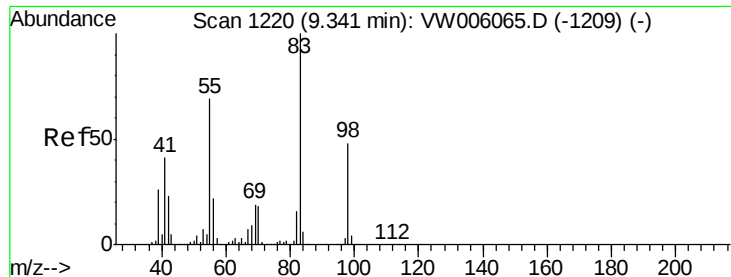
Tot Ion: 43 Resp: 25597
Ion Ratio Lower Upper
43 100
61 15.6 11.5 17.3
70 12.1 9.2 13.8



#38
Carbon Tetrachloride
Concen: 21.195 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006246.D
Acq: 22 Oct 2018 13:00

Tgt Ion: 117 Resp: 95423
Ion Ratio Lower Upper
117 100
119 95.9 75.2 112.8
121 29.9 25.3 37.9

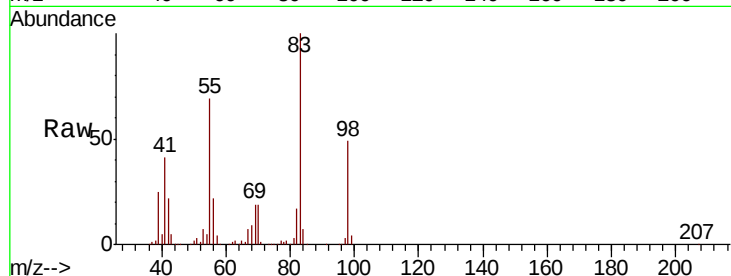




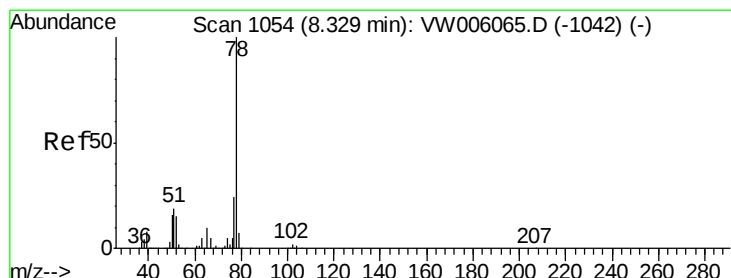
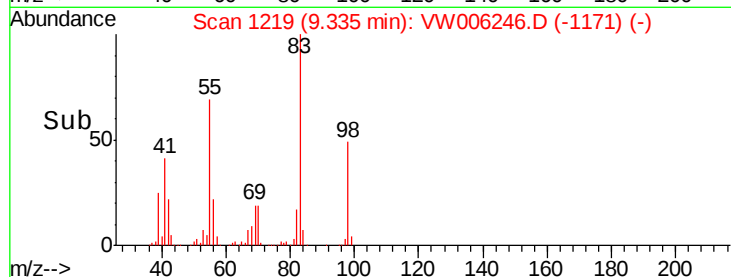
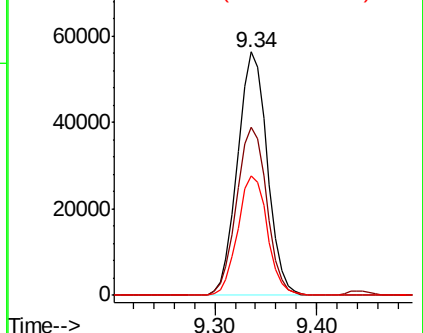
#39
Methvlcvclohexane
Concen: 20.915 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006246.D
Acq: 22 Oct 2018 13:00

Instrument :
MSVOA_W
ClientSampled :
VW1022SBS01

Tot Ion: 83 Resp: 114179
Ion Ratio Lower Upper
83 100
55 69.0 55.0 82.6
98 48.9 38.6 57.8

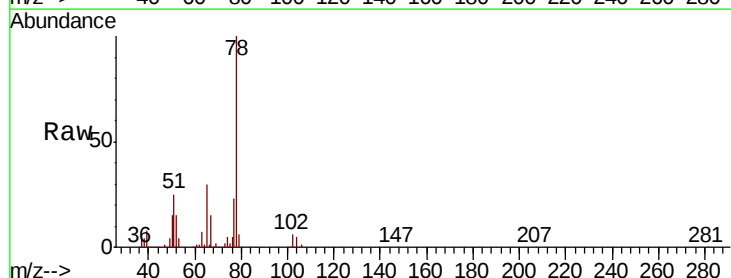


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

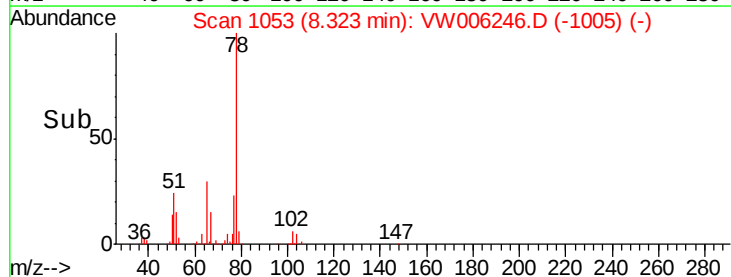
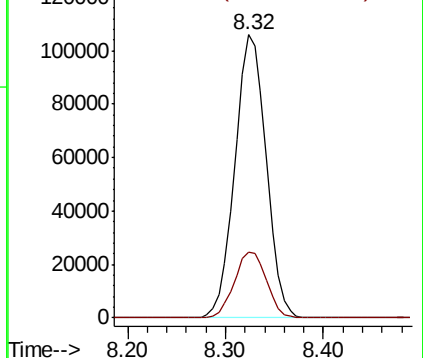


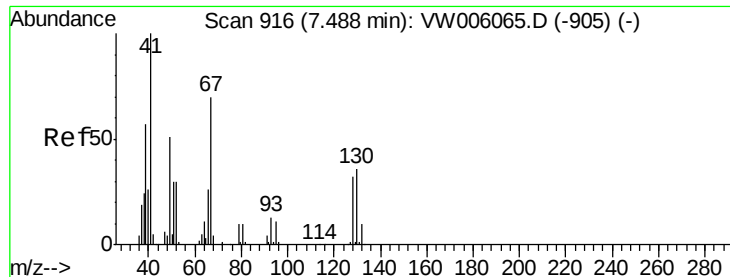
#40
Benzene
Concen: 20.863 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006246.D
Acq: 22 Oct 2018 13:00

Tgt Ion: 78 Resp: 235036
Ion Ratio Lower Upper
78 100
77 23.4 19.4 29.0



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

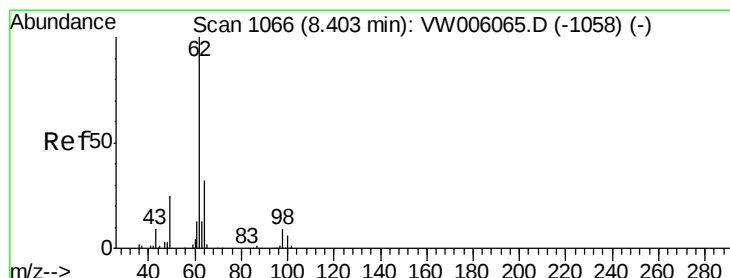
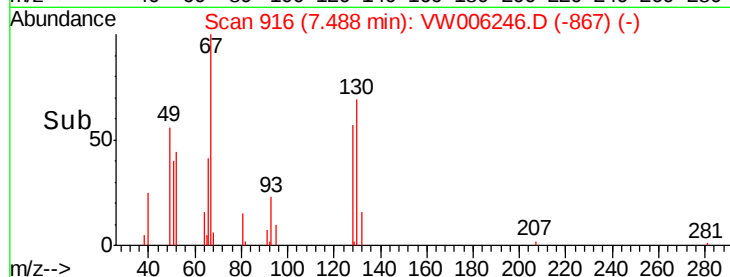
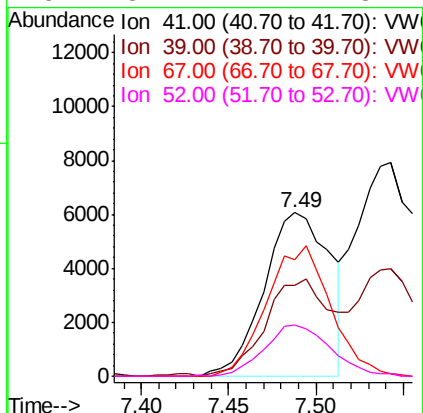
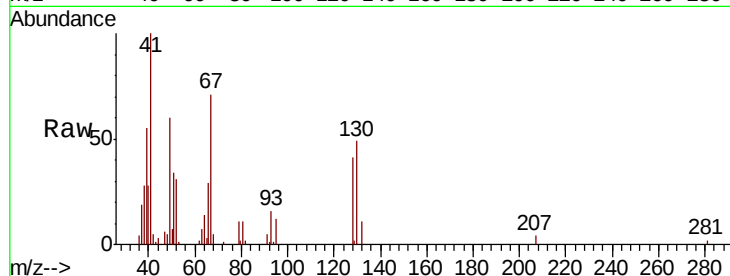




#41
Methacrylonitrile
Concen: 17.395 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006246.D
Acq: 22 Oct 2018 13:00

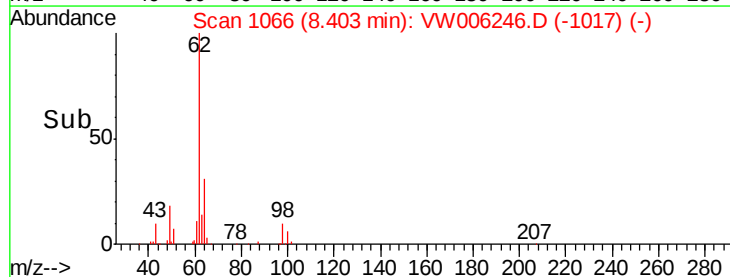
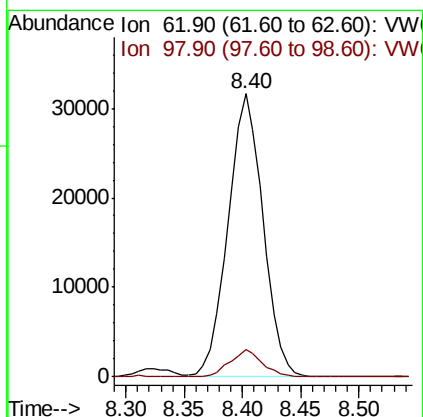
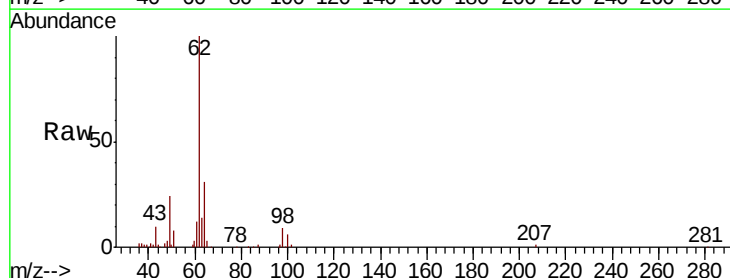
Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS01

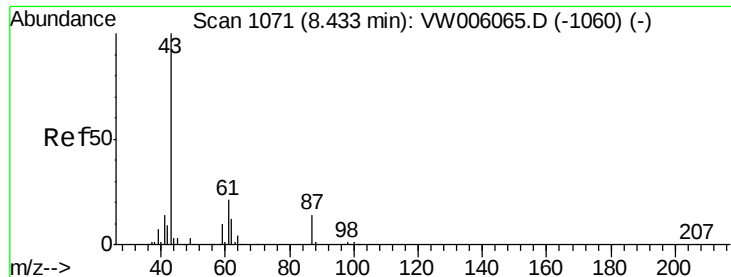
Tot Ion:	41	Resp:	16001
Ion	Ratio	Lower	Upper
41	100		
39	62.7	46.2	69.4
67	77.5	57.7	86.5
52	31.4	24.7	37.1



#42
1,2-Dichloroethane
Concen: 19.995 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006246.D
Acq: 22 Oct 2018 13:00

Tgt Ion:	62	Resp:	66180
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.4





#43

Isopropyl Acetate

Concen: 16.733 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006246.D

Acq: 22 Oct 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS01

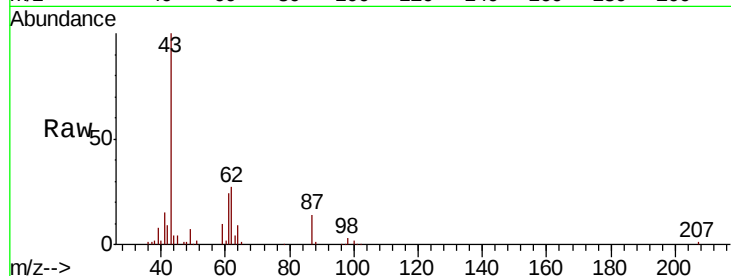
Tot Ion: 43 Resp: 52205

Ion Ratio Lower Upper

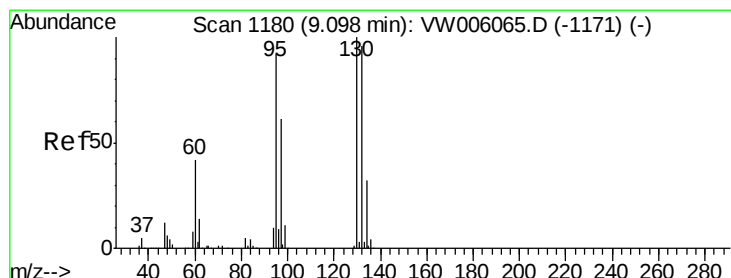
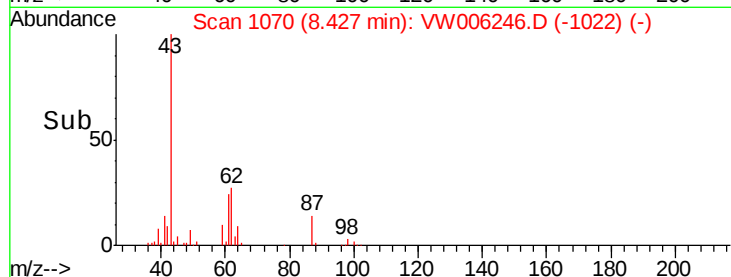
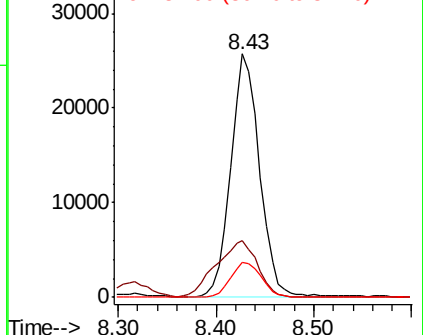
43 100

61 33.4 25.5 38.3

87 15.4 11.7 17.5



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: 21.575 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW006246.D

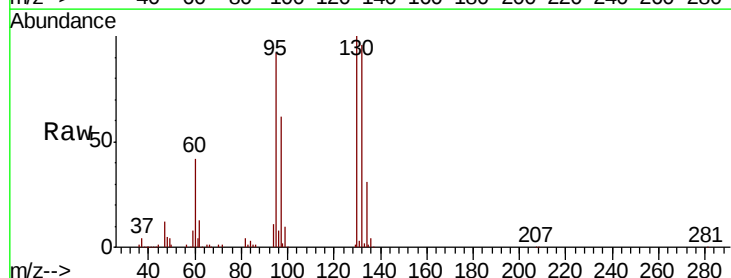
Acq: 22 Oct 2018 13:00

Tgt Ion: 130 Resp: 74569

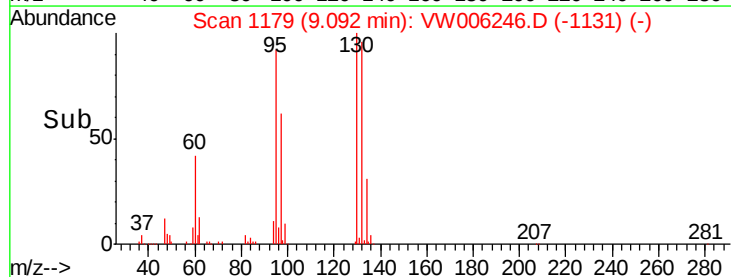
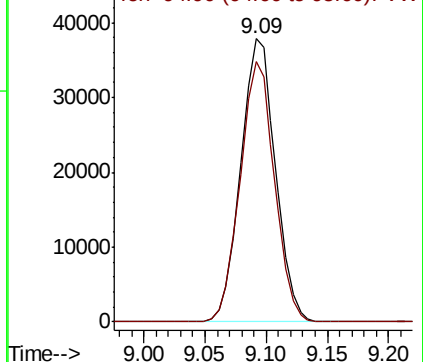
Ion Ratio Lower Upper

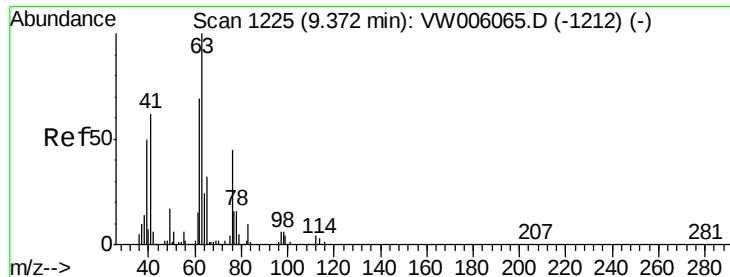
130 100

95 91.8 0.0 183.2



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

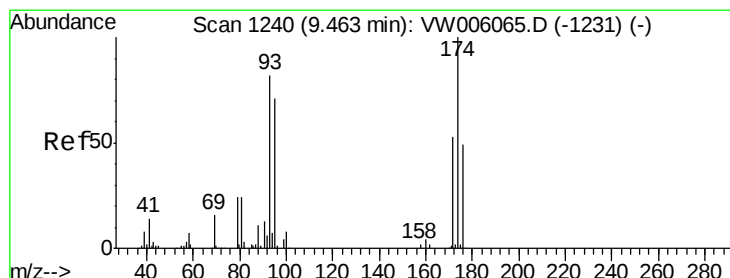
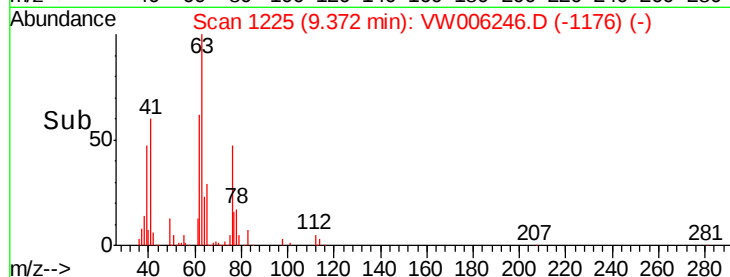
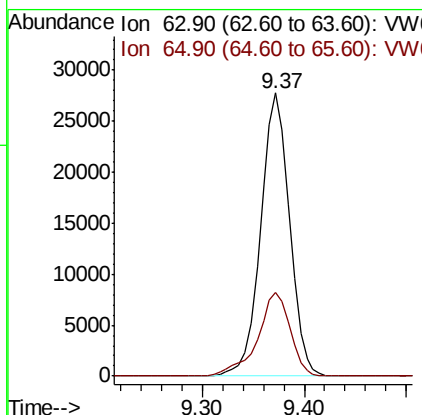
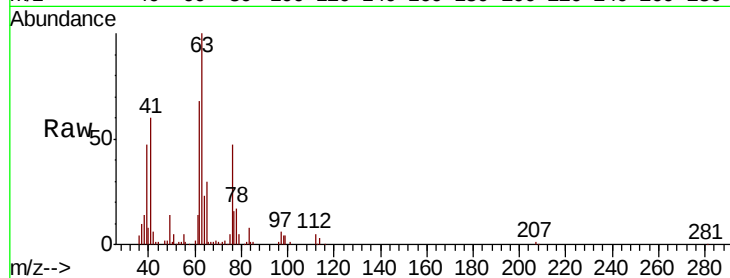




#45
 1,2-Dichloropropane
 Concen: 20.256 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006246.D
 Acq: 22 Oct 2018 13:00

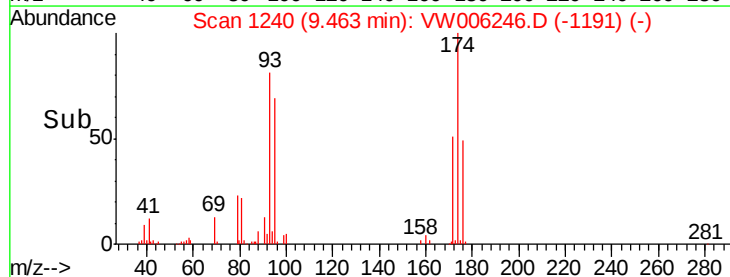
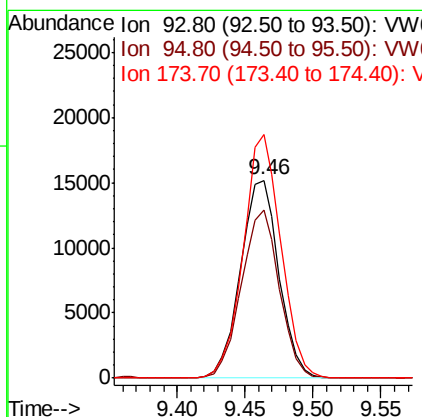
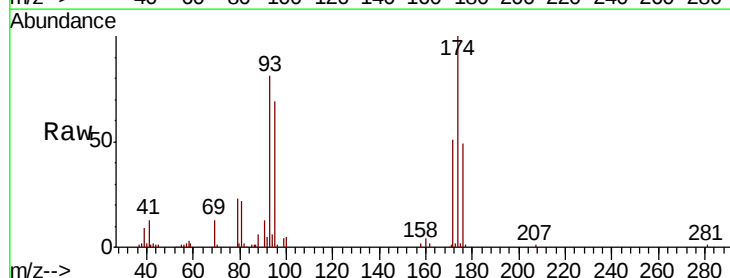
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1022SBS01

Tot Ion: 63 Resp: 54605
 Ion Ratio Lower Upper
 63 100
 65 29.7 25.4 38.0



#46
 Dibromomethane
 Concen: 19.492 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006246.D
 Acq: 22 Oct 2018 13:00

Tgt Ion: 93 Resp: 29948
 Ion Ratio Lower Upper
 93 100
 95 84.1 67.7 101.5
 174 120.7 93.7 140.5

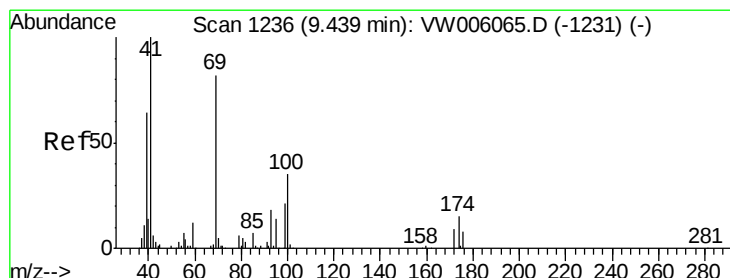
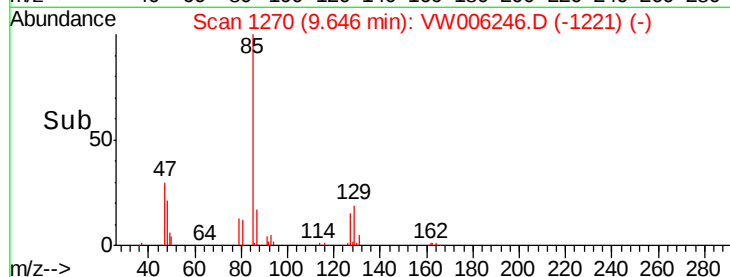
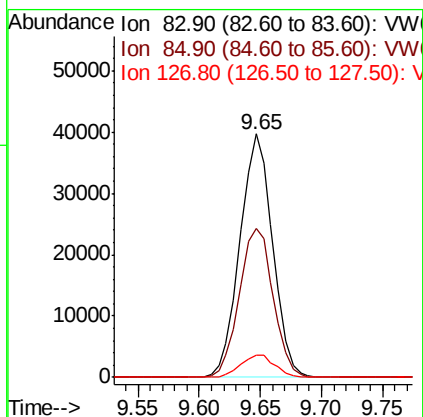
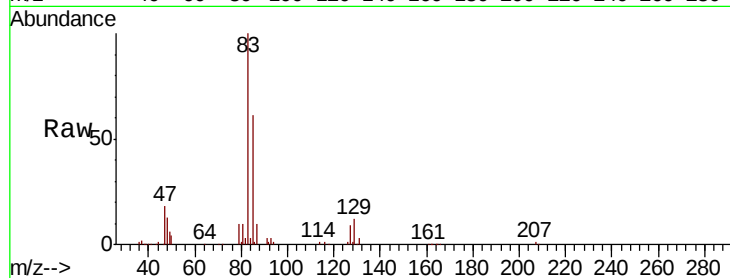




#47
Bromodichloromethane
Concen: 19.725 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW006246.D
Acq: 22 Oct 2018 13:00

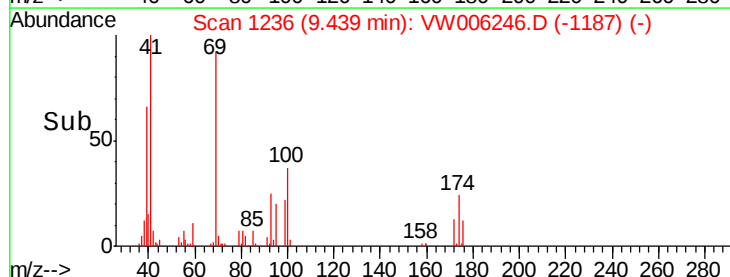
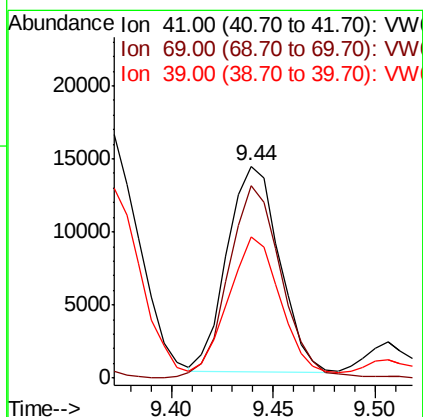
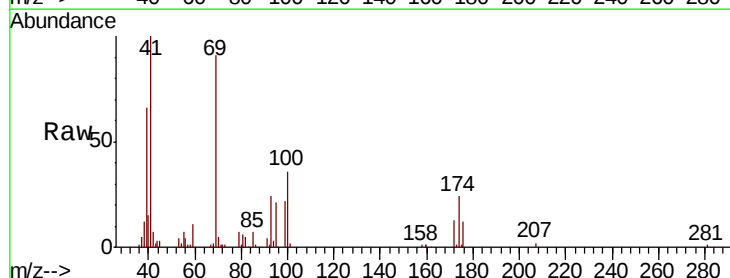
Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS01

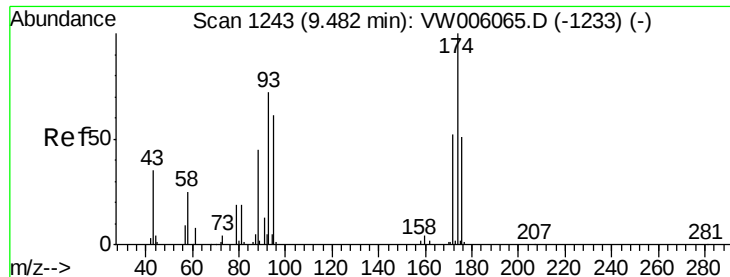
Tot Ion: 83 Resp: 73478
Ion Ratio Lower Upper
83 100
85 61.4 51.8 77.8
127 9.3 6.9 10.3



#48
Methyl methacrylate
Concen: 16.913 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW006246.D
Acq: 22 Oct 2018 13:00

Tgt Ion: 41 Resp: 25012
Ion Ratio Lower Upper
41 100
69 95.6 71.8 107.8
39 64.7 52.5 78.7





#49

1,4-Dioxane

Concen: 381.432 ug/l

RT: 9.49 min Scan# 1245

Delta R.T. 0.01 min

Lab File: VW006246.D

Acq: 22 Oct 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS01

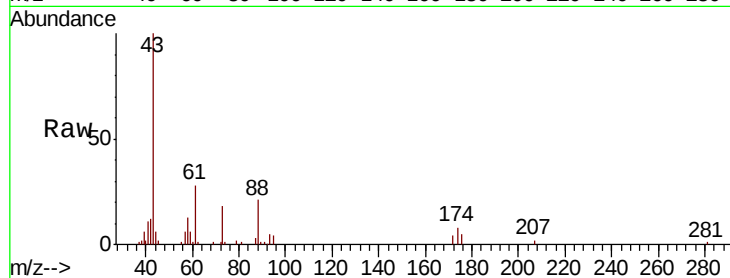
Tot Ion: 88 Resp: 9022

Ion Ratio Lower Upper

88 100

43 453.5 0.0 0.0#

58 65.2 51.2 76.8

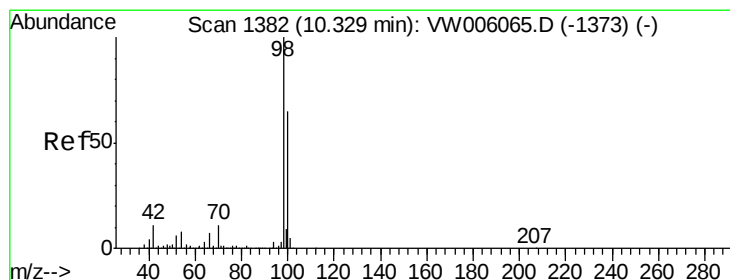
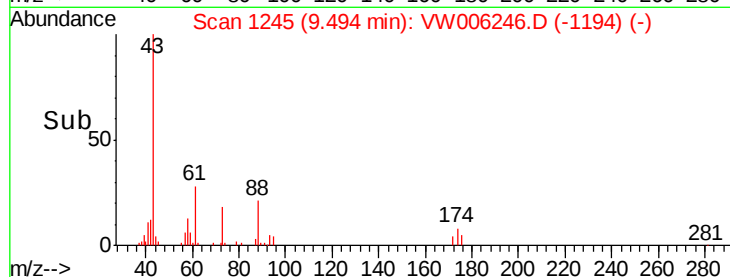
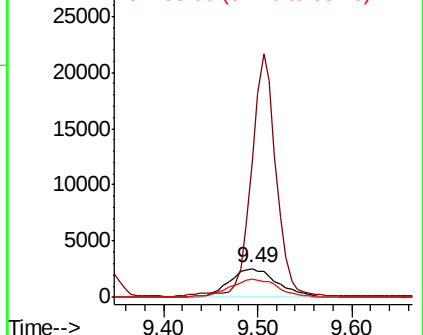


Abundance

Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 48.821 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006246.D

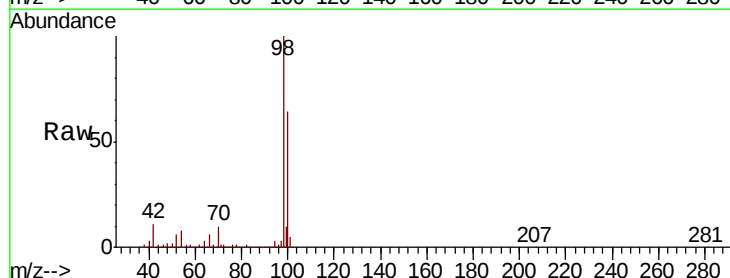
Acq: 22 Oct 2018 13:00

Tgt Ion: 98 Resp: 489019

Ion Ratio Lower Upper

98 100

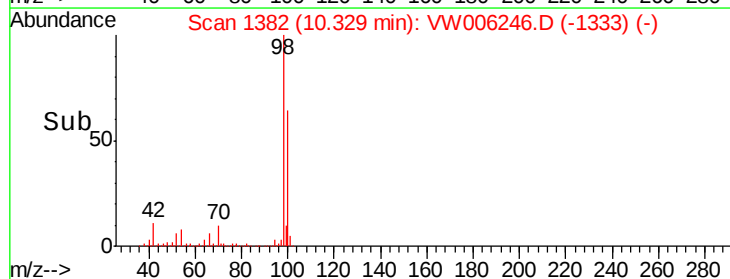
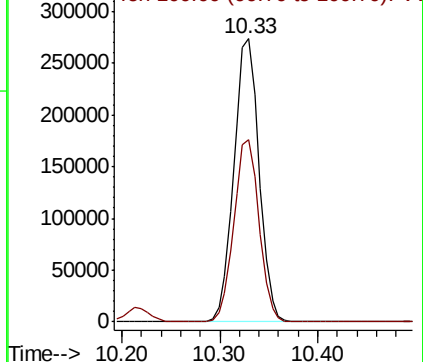
100 64.4 51.6 77.4

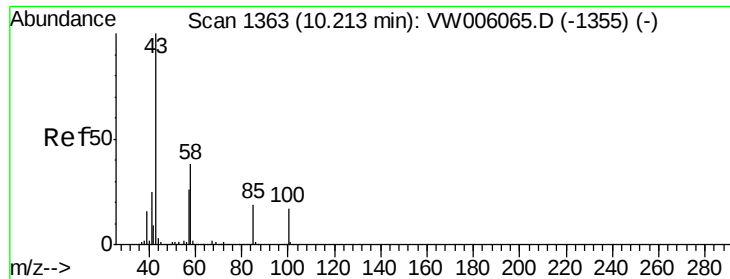


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 83.885 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006246.D

Acq: 22 Oct 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

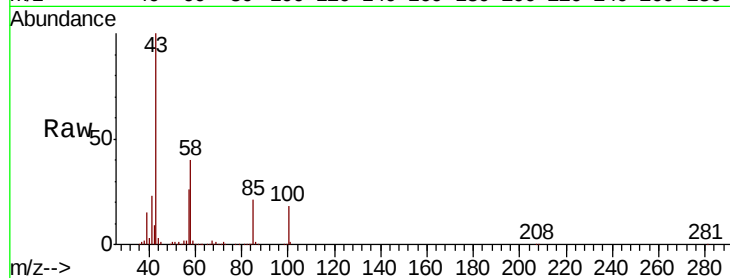
VW1022SBS01

Tot Ion: 43 Resp: 131125

Ion Ratio Lower Upper

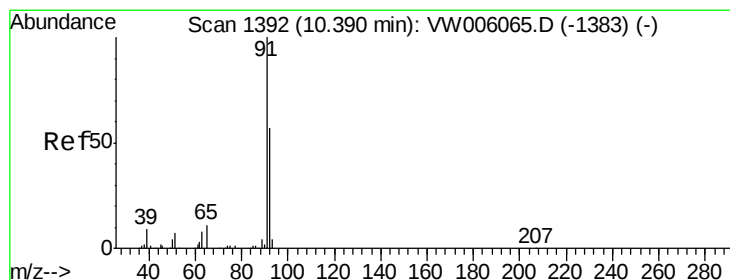
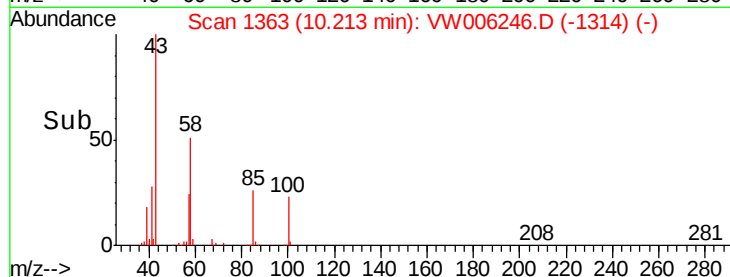
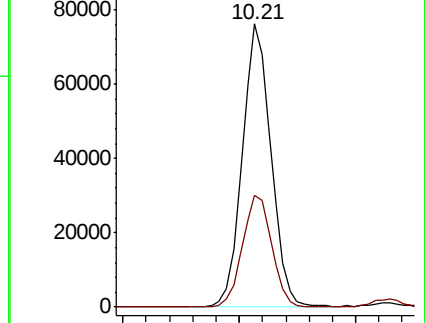
43 100

58 40.6 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 21.146 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006246.D

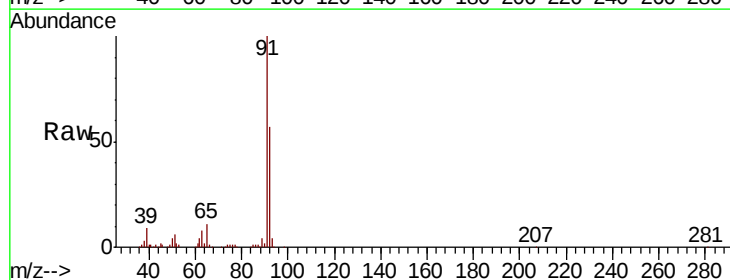
Acq: 22 Oct 2018 13:00

Tgt Ion: 92 Resp: 159705

Ion Ratio Lower Upper

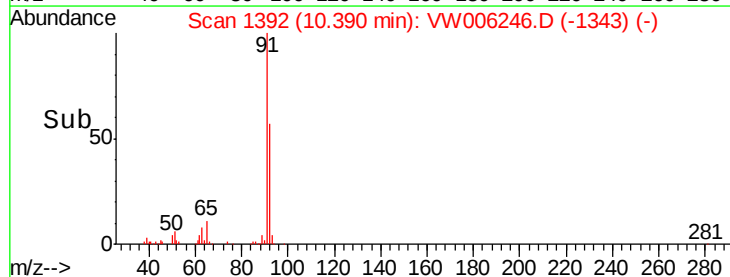
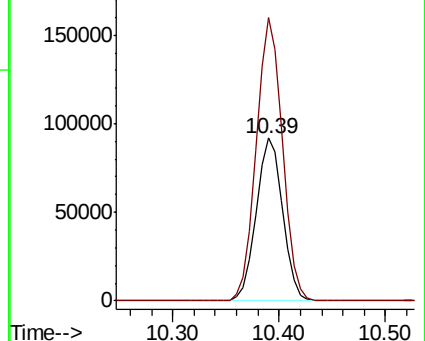
92 100

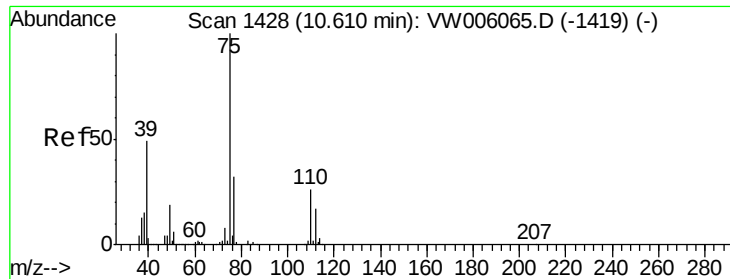
91 172.6 140.0 210.0



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: 19.099 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006246.D

Acq: 22 Oct 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

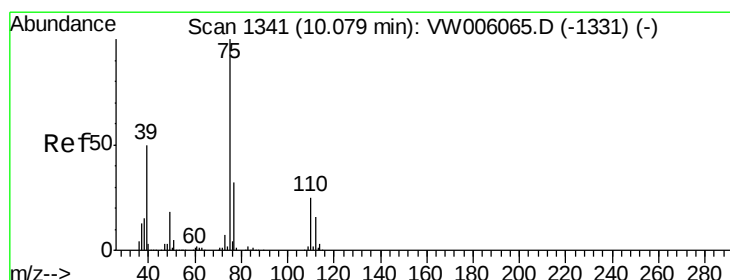
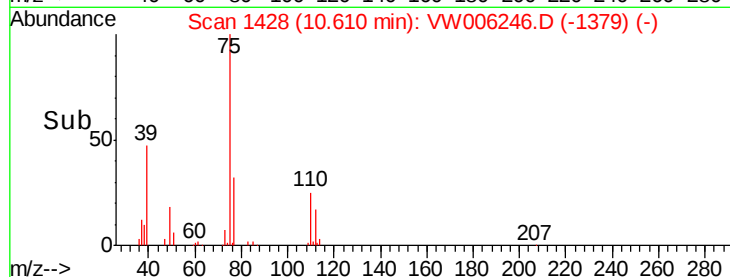
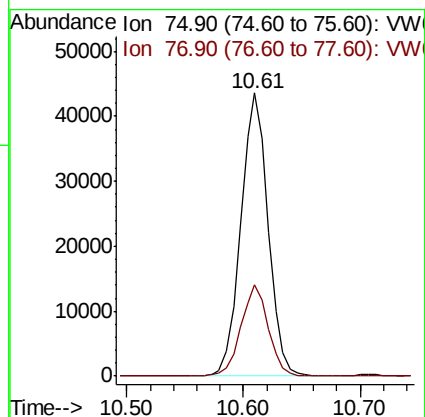
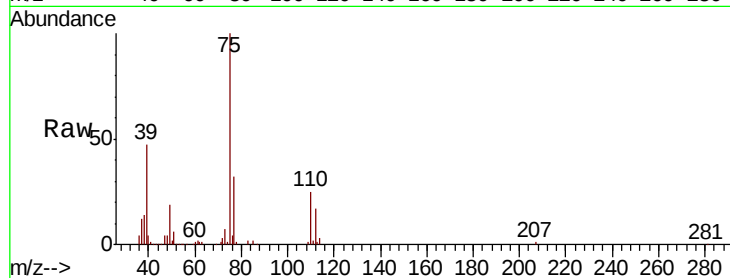
VW1022SBS01

Tot Ion: 75 Resp: 70882

Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 20.008 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.01 min

Lab File: VW006246.D

Acq: 22 Oct 2018 13:00

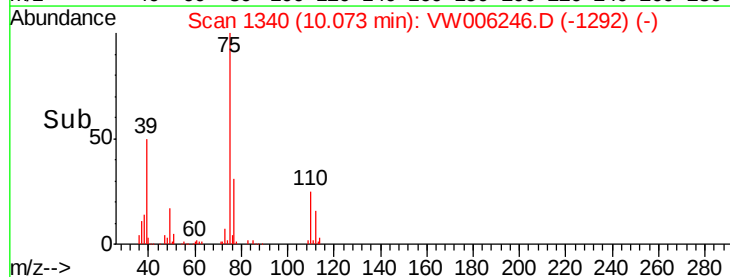
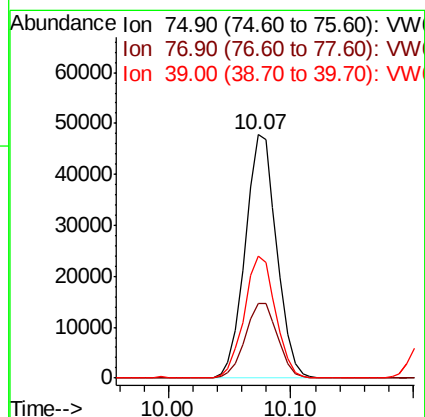
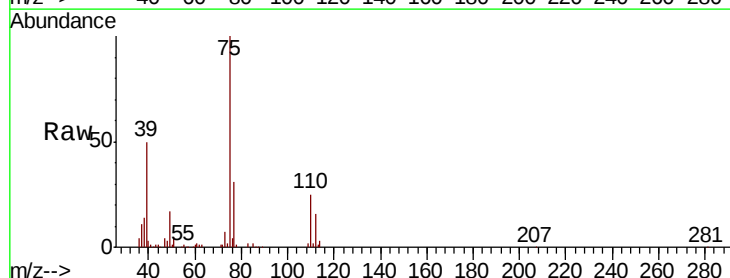
Tgt Ion: 75 Resp: 85225

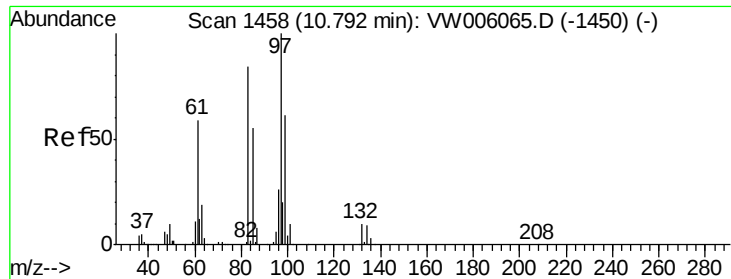
Ion Ratio Lower Upper

75 100

77 30.7 25.2 37.8

39 50.0 39.9 59.9

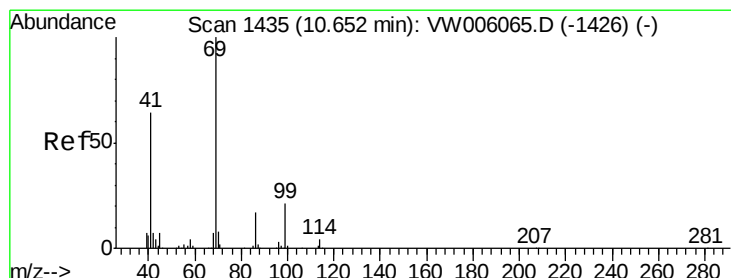
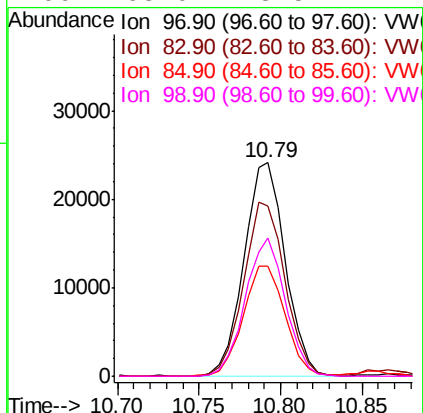
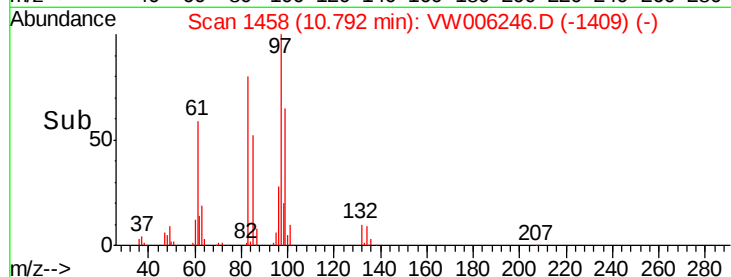
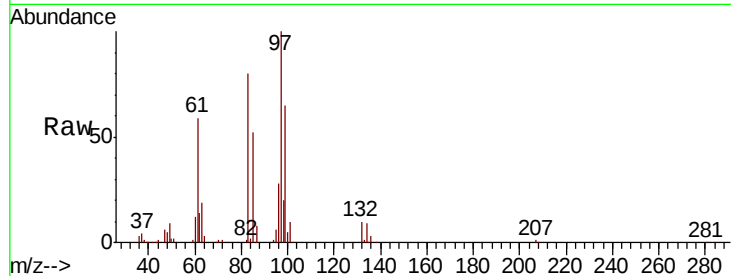




#55
 1,1,2-Trichloroethane
 Concen: 19.691 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006246.D
 Acq: 22 Oct 2018 13:00

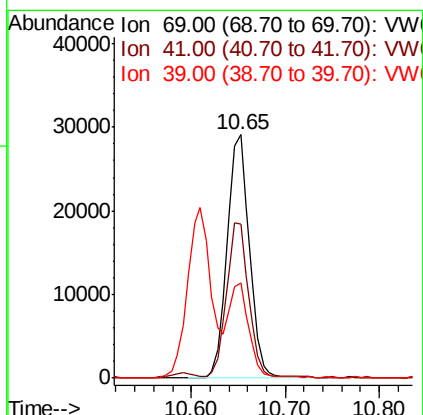
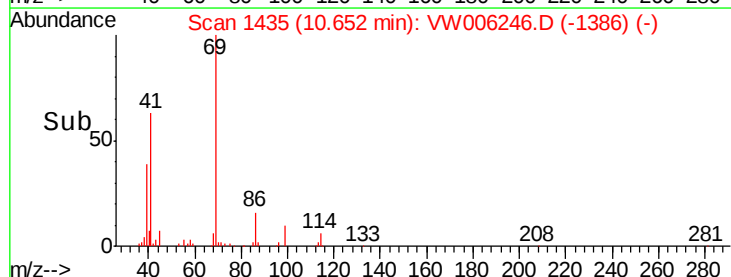
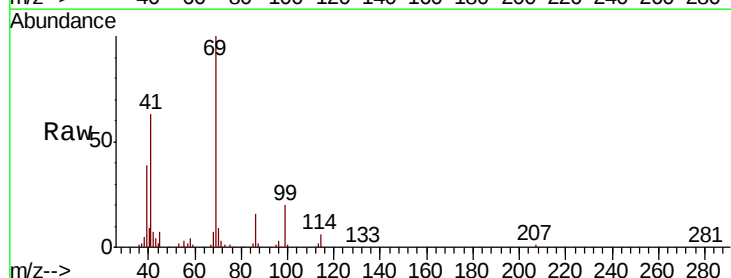
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1022SBS01

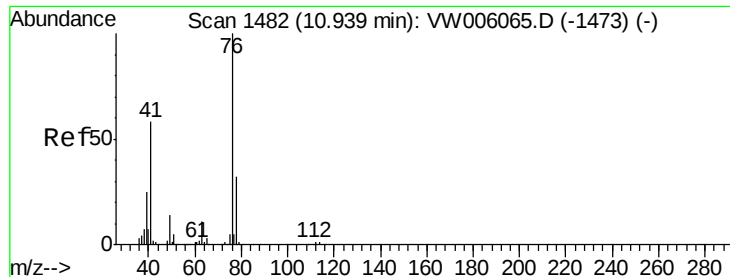
Tot Ion:	97	Resp:	42337
Ion	Ratio	Lower	Upper
97	100		
83	79.7	67.2	100.8
85	51.7	43.7	65.5
99	65.0	48.5	72.7



#56
 Ethyl methacrylate
 Concen: 18.231 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW006246.D
 Acq: 22 Oct 2018 13:00

Tgt Ion:	69	Resp:	48055
Ion	Ratio	Lower	Upper
69	100		
41	62.3	52.8	79.2
39	33.5	30.6	45.8

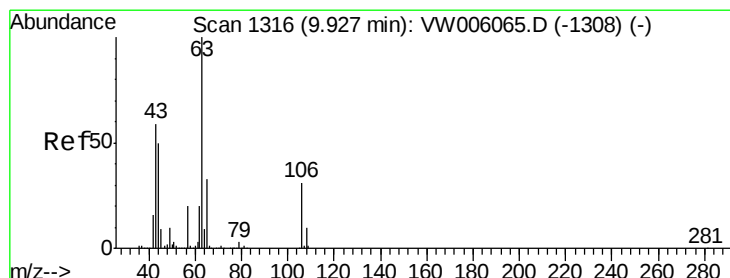
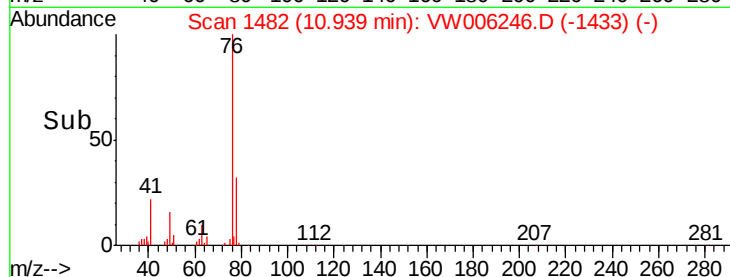
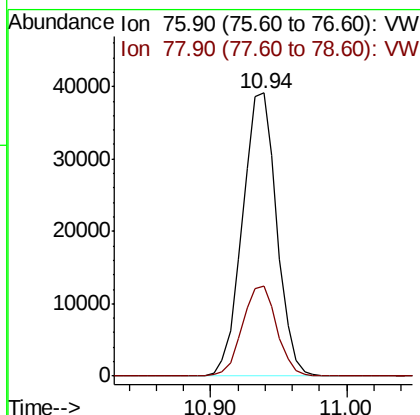
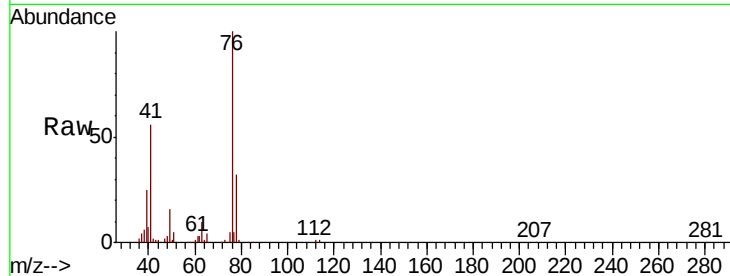




#57
 1,3-Dichloropropane
 Concen: 19.337 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: VW006246.D
 Acq: 22 Oct 2018 13:00

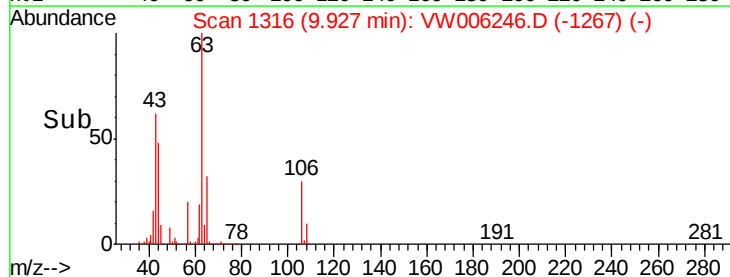
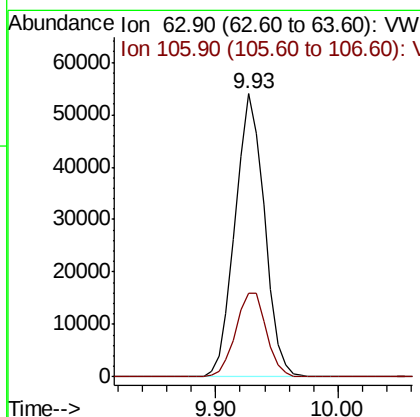
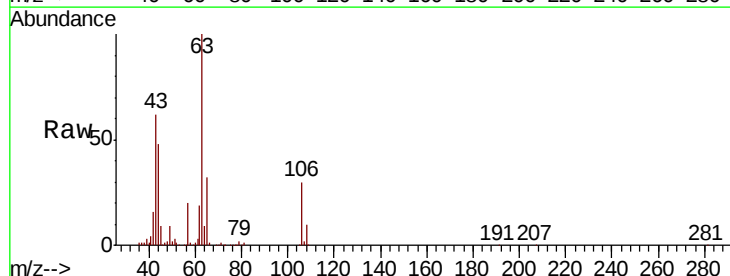
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1022SBS01

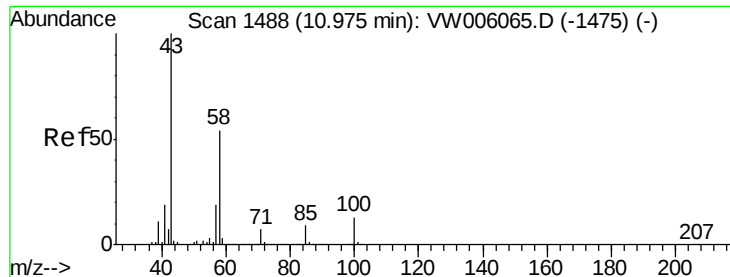
Tot Ion: 76 Resp: 68825
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 88.991 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006246.D
 Acq: 22 Oct 2018 13:00

Tgt Ion: 63 Resp: 89630
 Ion Ratio Lower Upper
 63 100
 106 31.1 24.5 36.7

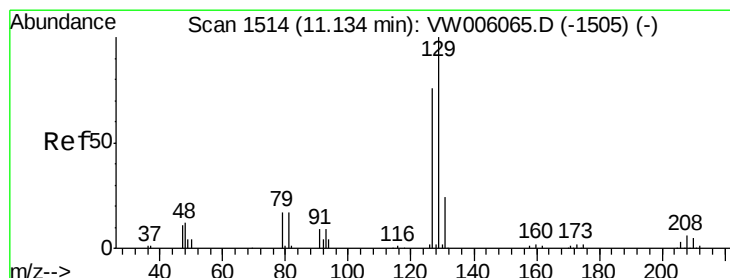
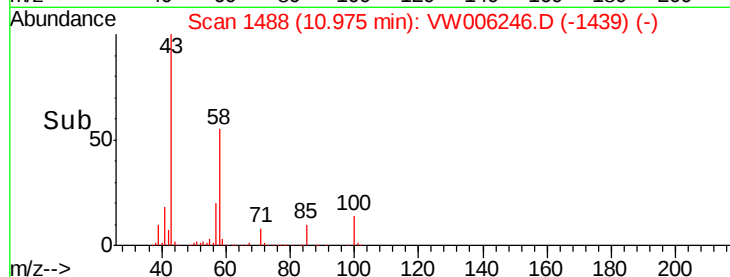
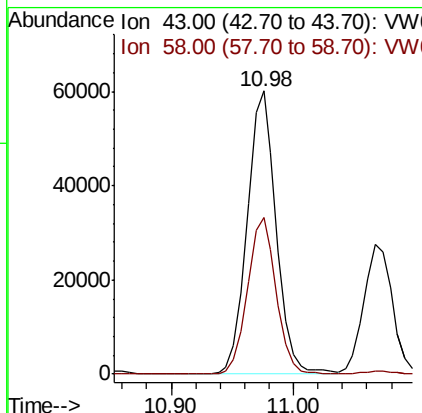
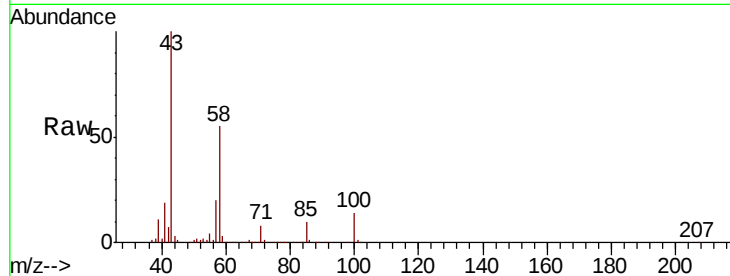




#59
2-Hexanone
Concen: 88.995 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006246.D
Acq: 22 Oct 2018 13:00

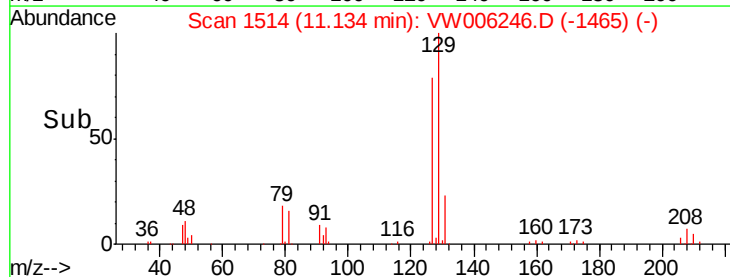
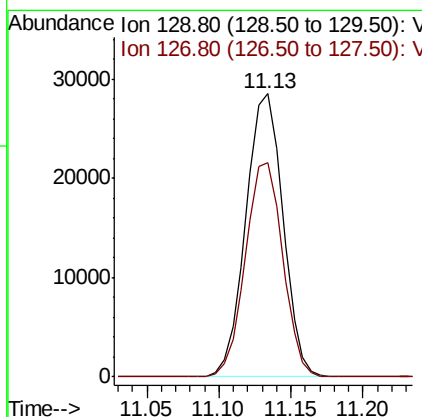
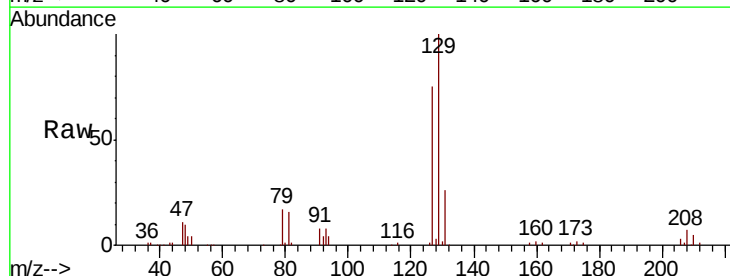
Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS01

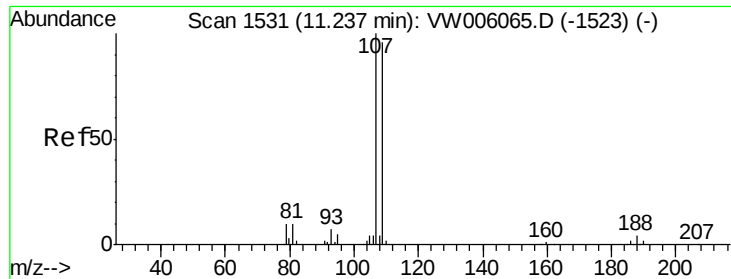
Tot Ion: 43 Resp: 99303
Ion Ratio Lower Upper
43 100
58 54.6 26.9 80.6



#60
Dibromochloromethane
Concen: 19.076 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006246.D
Acq: 22 Oct 2018 13:00

Tgt Ion: 129 Resp: 51087
Ion Ratio Lower Upper
129 100
127 75.9 38.6 115.7

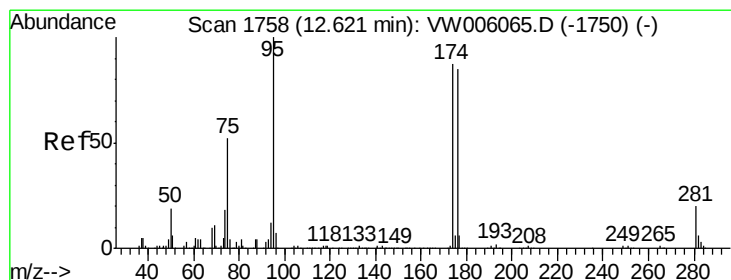
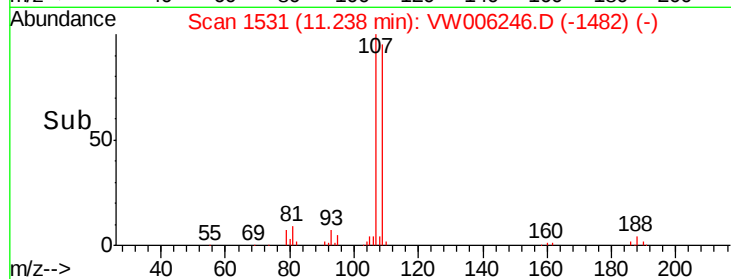
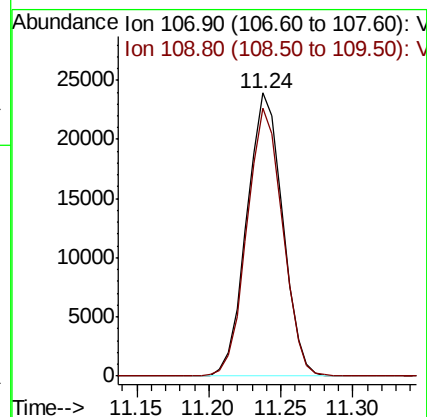
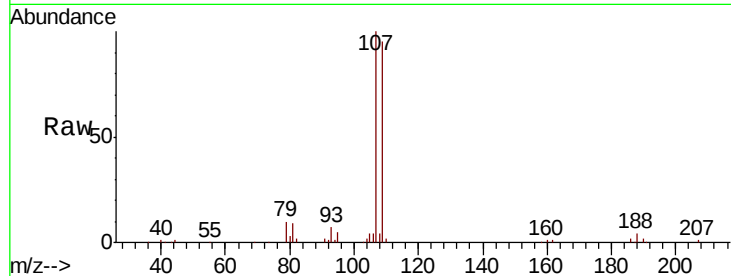




#61
 1,2-Dibromoethane
 Concen: 19.128 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006246.D
 Acq: 22 Oct 2018 13:00

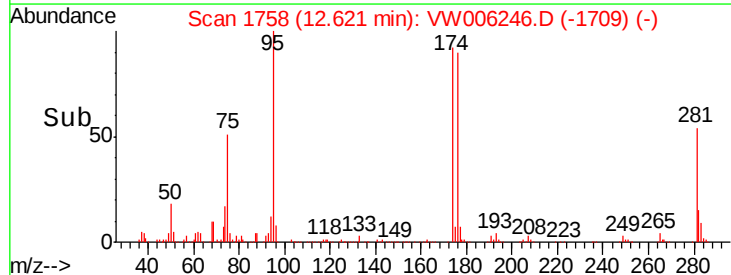
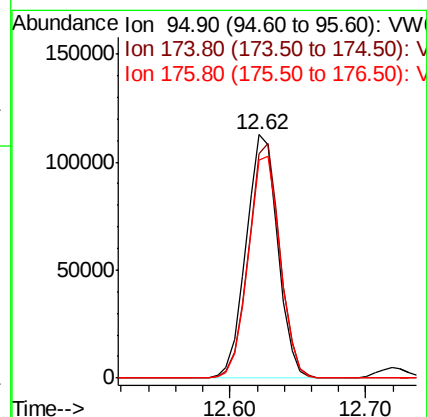
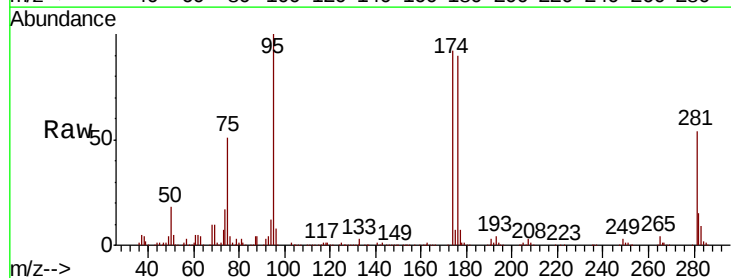
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1022SBS01

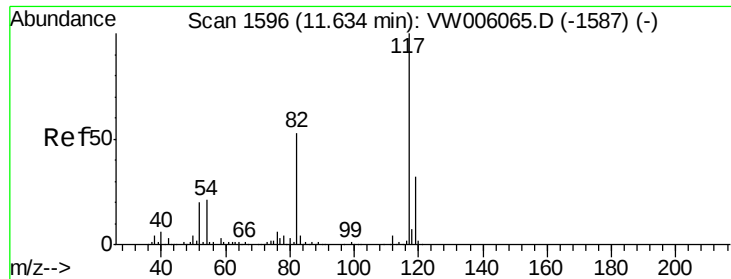
Tot Ion:107 Resp: 41094
 Ion Ratio Lower Upper
 107 100
 109 94.4 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 48.787 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006246.D
 Acq: 22 Oct 2018 13:00

Tgt Ion: 95 Resp: 183540
 Ion Ratio Lower Upper
 95 100
 174 95.1 0.0 186.0
 176 92.0 0.0 181.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006246.D

Acq: 22 Oct 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS01

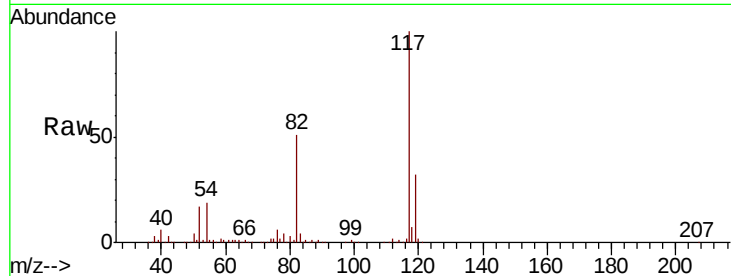
Tot Ion:117 Resp: 393713

Ion Ratio Lower Upper

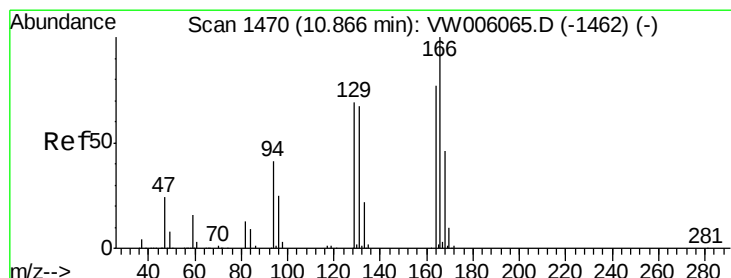
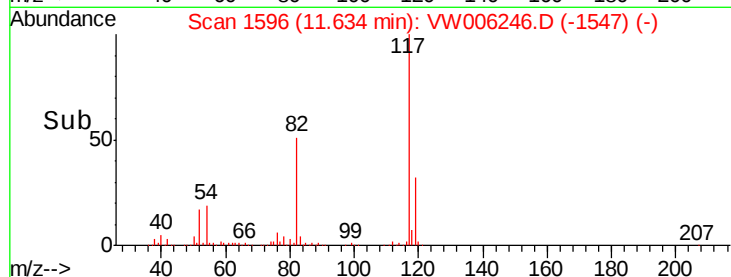
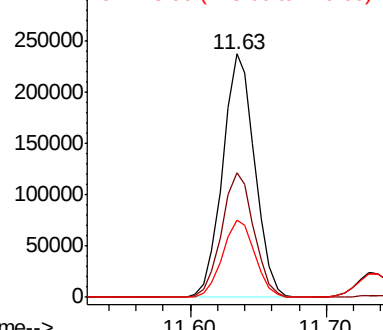
117 100

82 51.4 42.1 63.1

119 31.9 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 21.949 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW006246.D

Acq: 22 Oct 2018 13:00

Tgt Ion:164 Resp: 67084

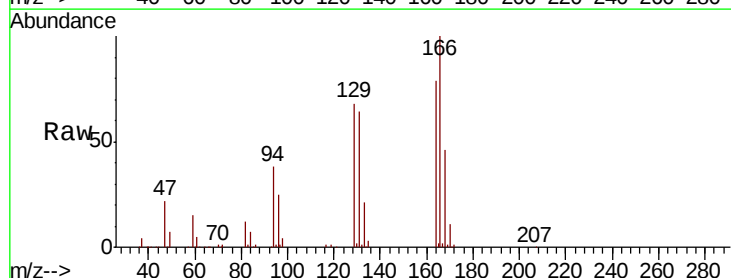
Ion Ratio Lower Upper

164 100

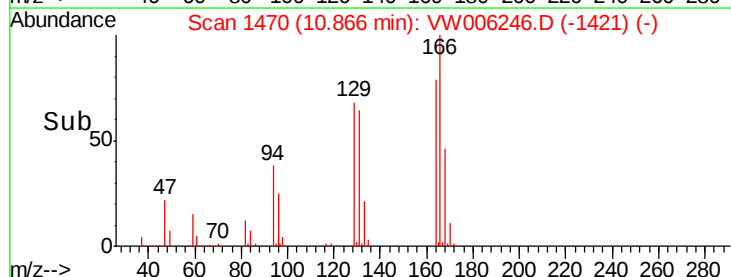
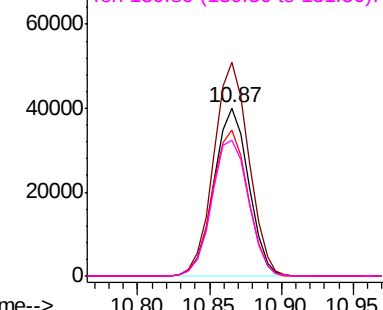
166 127.3 103.4 155.0

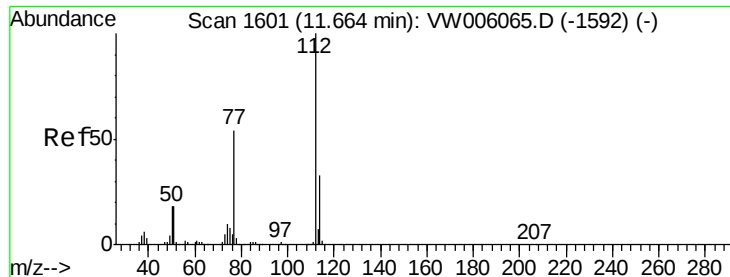
129 86.9 71.8 107.8

131 81.1 69.5 104.3



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

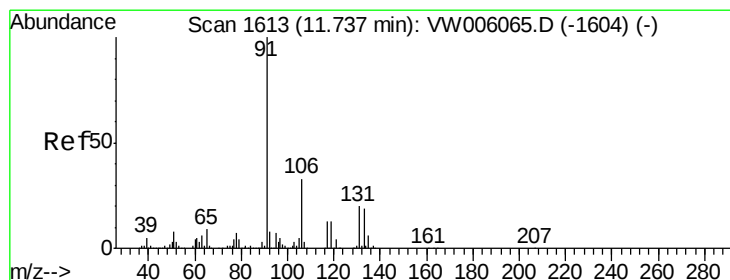
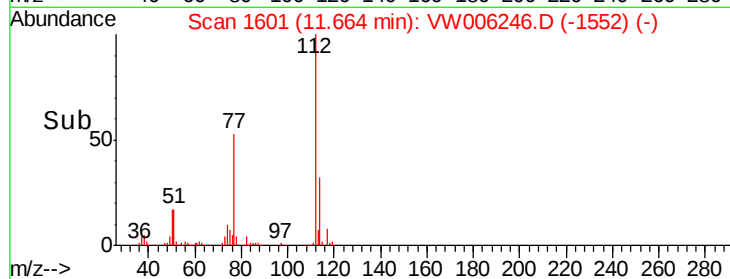
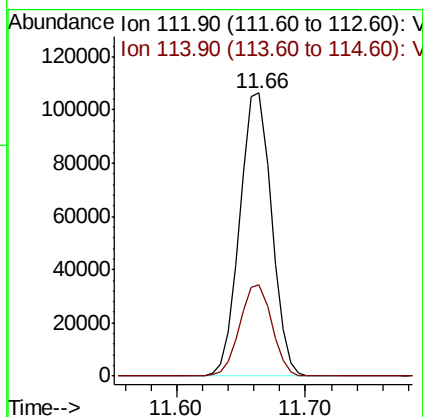
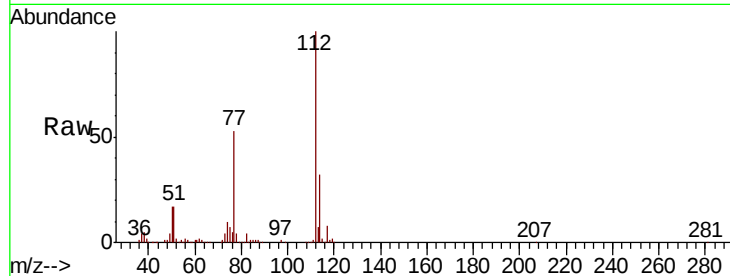




#65
Chlorobenzene
Concen: 21.622 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VW006246.D
Acq: 22 Oct 2018 13:00

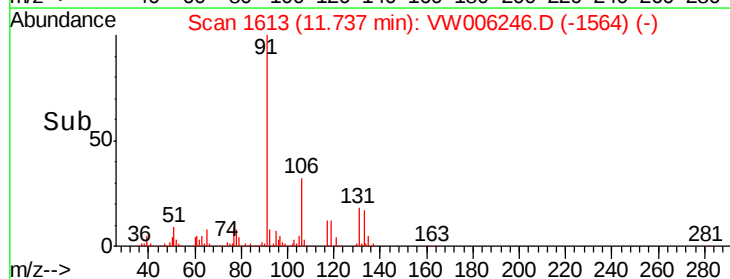
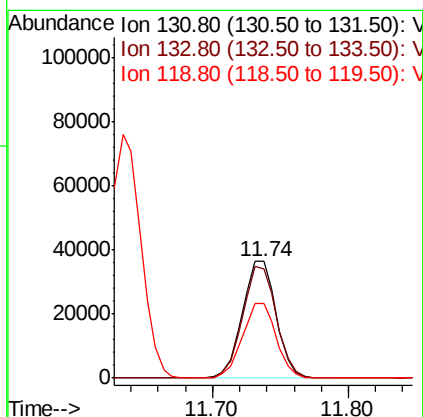
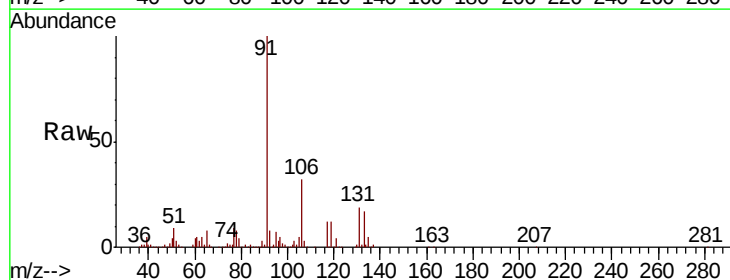
Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS01

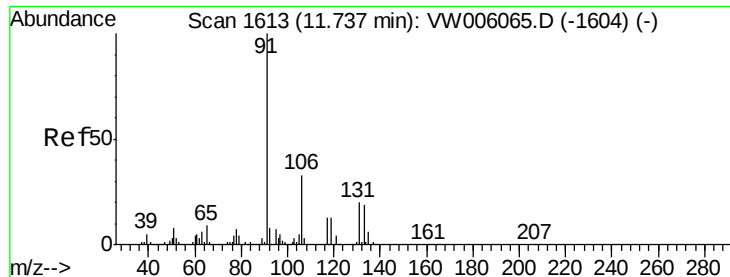
Tot Ion:112 Resp: 182234
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 21.116 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006246.D
Acq: 22 Oct 2018 13:00

Tgt Ion:131 Resp: 63247
Ion Ratio Lower Upper
131 100
133 95.6 48.1 144.3
119 64.2 31.6 94.7

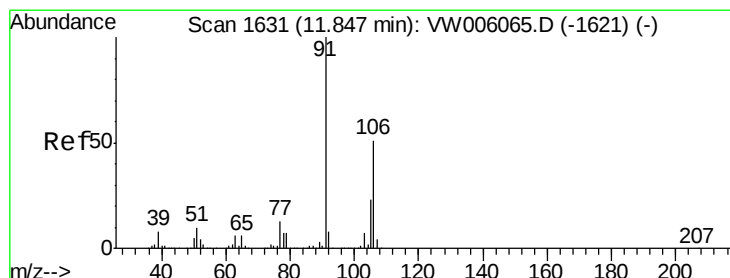
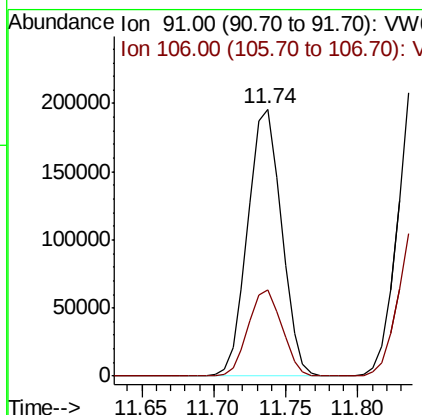
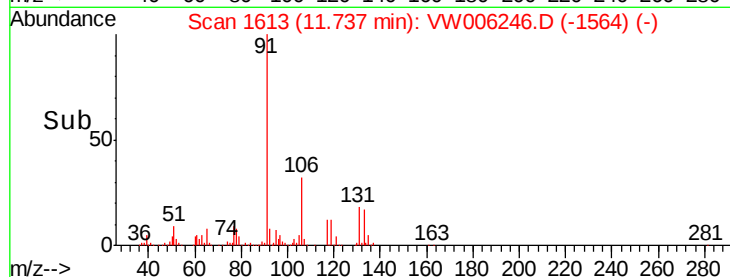
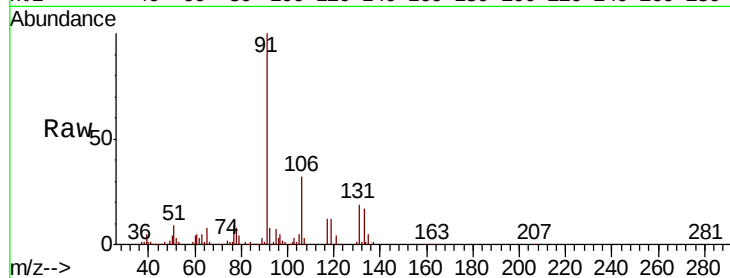




#67
Ethyl Benzene
Concen: 21.830 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006246.D
Acq: 22 Oct 2018 13:00

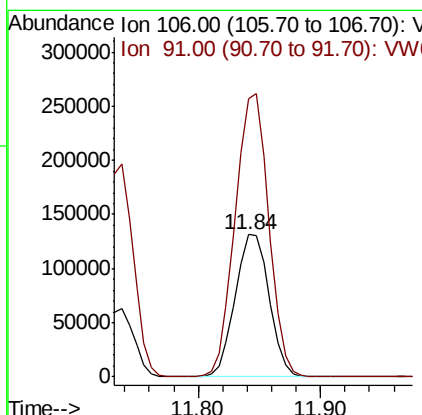
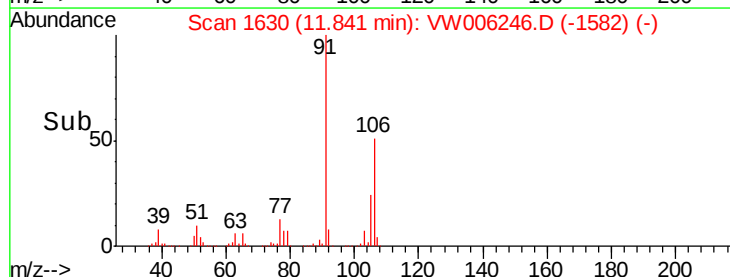
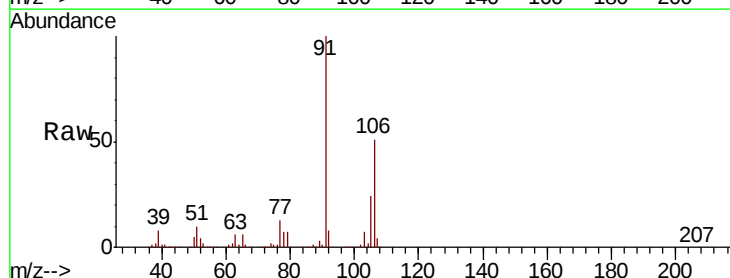
Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS01

Tot Ion: 91 Resp: 318864
Ion Ratio Lower Upper
91 100
106 32.5 26.1 39.1



#68
m/p-Xylenes
Concen: 43.871 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006246.D
Acq: 22 Oct 2018 13:00

Tgt Ion: 106 Resp: 253276
Ion Ratio Lower Upper
106 100
91 196.8 159.1 238.7

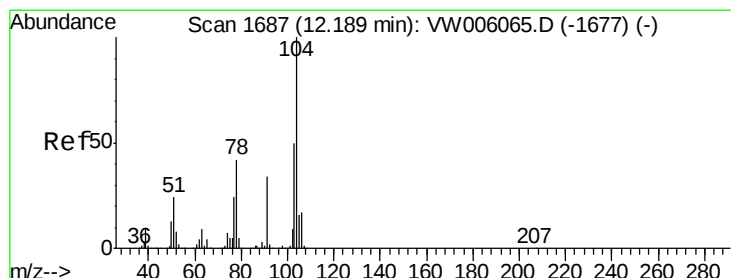
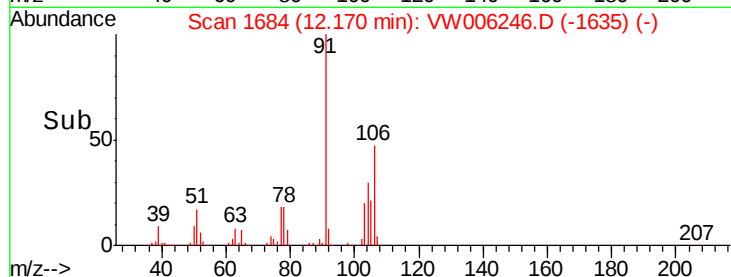
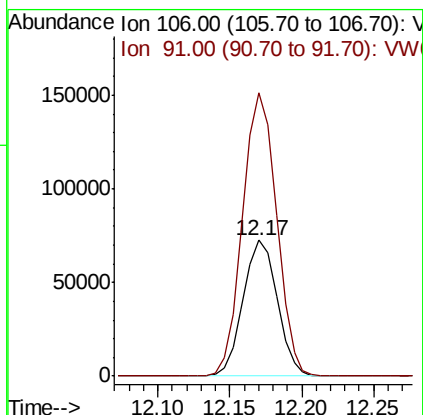
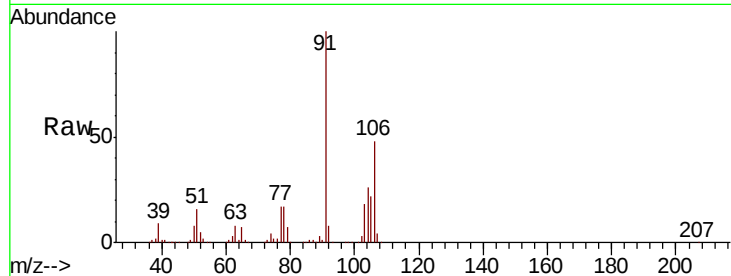




#69
o-Xylene
Concen: 21.615 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006246.D
Acq: 22 Oct 2018 13:00

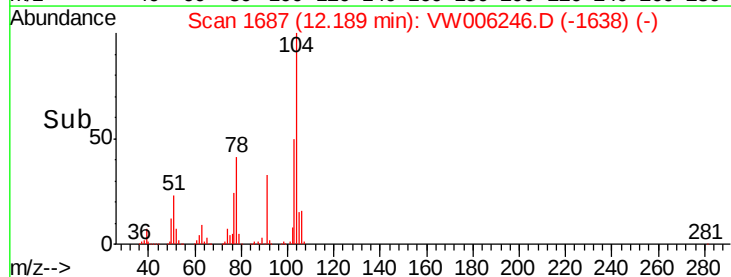
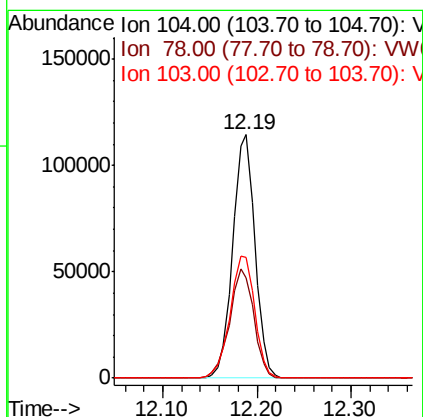
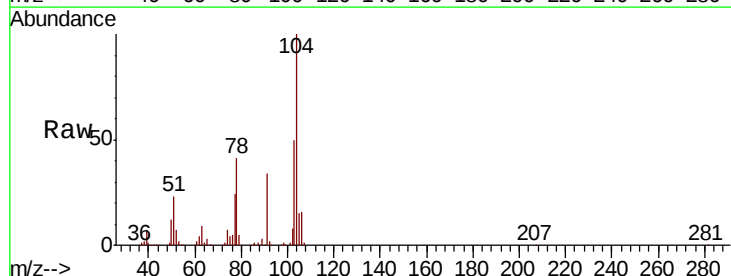
Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS01

Tot Ion:106 Resp: 118925
Ion Ratio Lower Upper
106 100
91 208.6 105.4 316.1



#70
Styrene
Concen: 20.947 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW006246.D
Acq: 22 Oct 2018 13:00

Tgt Ion:104 Resp: 187415
Ion Ratio Lower Upper
104 100
78 48.9 39.1 58.7
103 55.5 44.3 66.5





#71

Bromoform

Concen: 17.951 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006246.D

Acq: 22 Oct 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS01

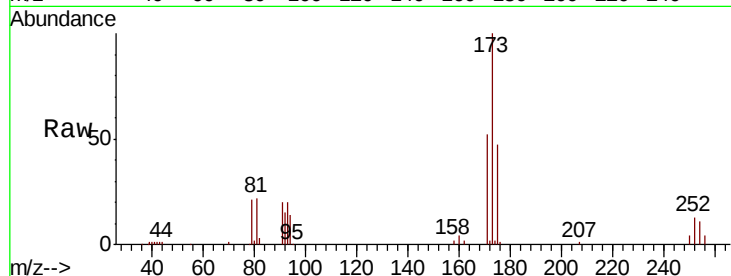
Tot Ion:173 Resp: 29989

Ion Ratio Lower Upper

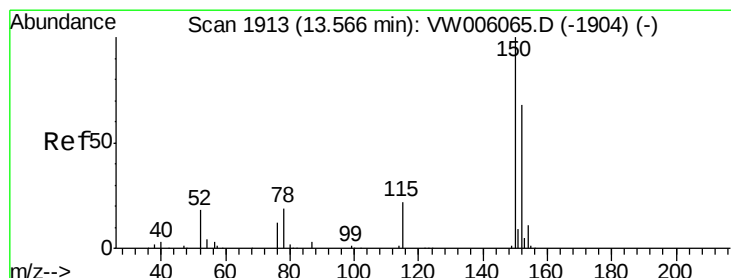
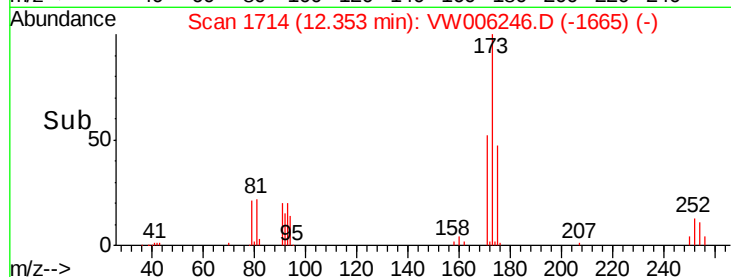
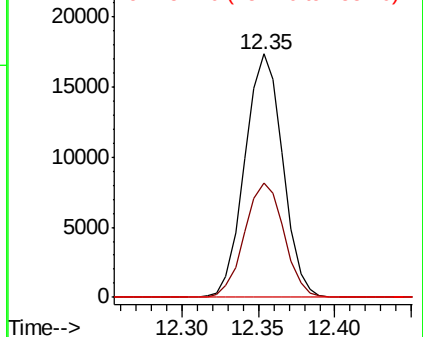
173 100

175 48.5 24.2 72.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006246.D

Acq: 22 Oct 2018 13:00

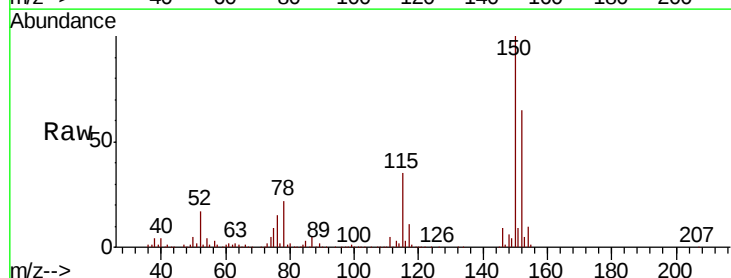
Tgt Ion:152 Resp: 217461

Ion Ratio Lower Upper

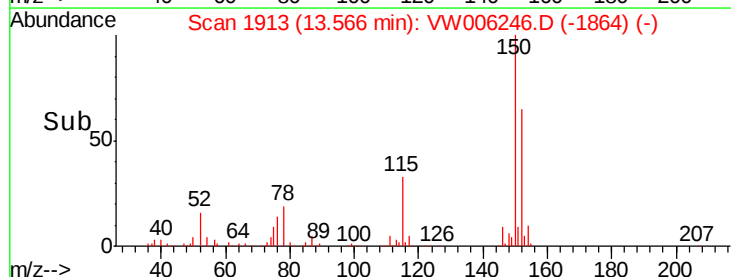
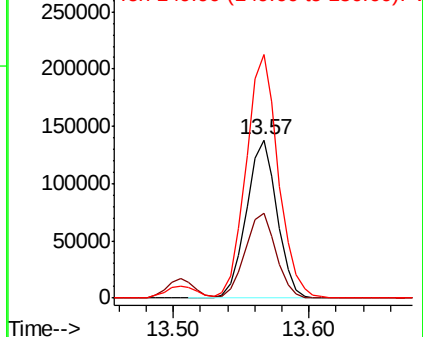
152 100

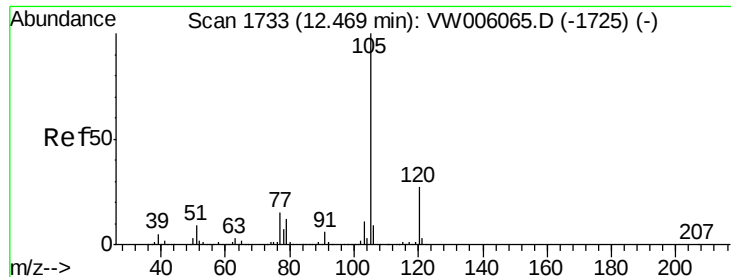
115 54.3 27.8 83.3

150 162.2 0.0 349.2



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





#73

Isopropylbenzene

Concen: 21.940 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006246.D

Acq: 22 Oct 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

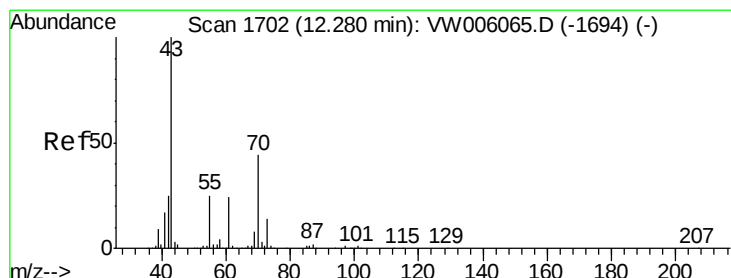
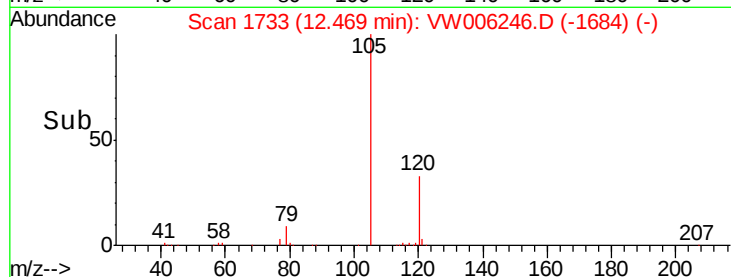
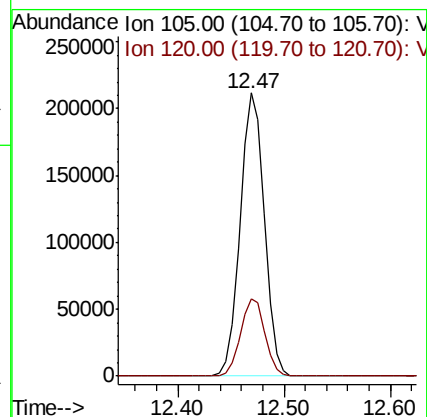
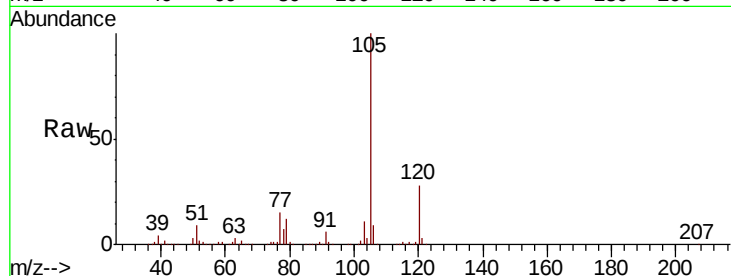
VW1022SBS01

Tot Ion:105 Resp: 337071

Ion Ratio Lower Upper

105 100

120 27.6 13.6 40.7



#74

N-ethyl acetate

Concen: 17.503 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006246.D

Acq: 22 Oct 2018 13:00

Tgt Ion: 43 Resp: 52226

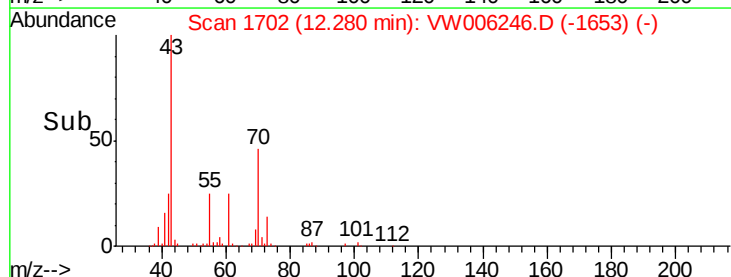
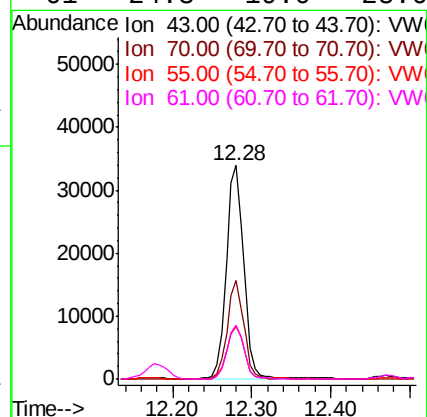
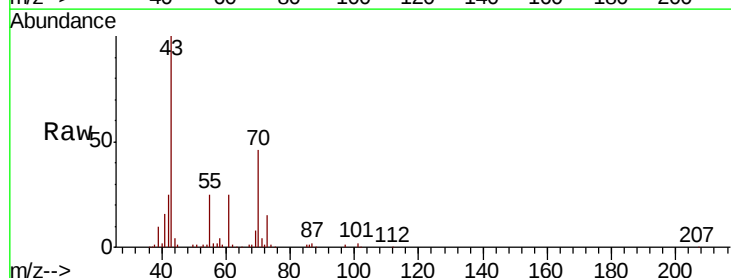
Ion Ratio Lower Upper

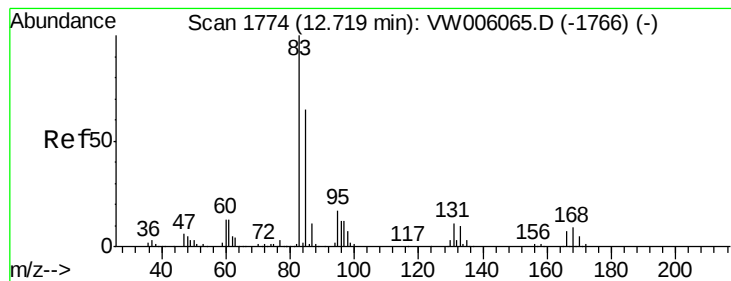
43 100

70 43.6 34.2 51.4

55 24.7 19.2 28.8

61 24.3 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.319 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006246.D

Acq: 22 Oct 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS01

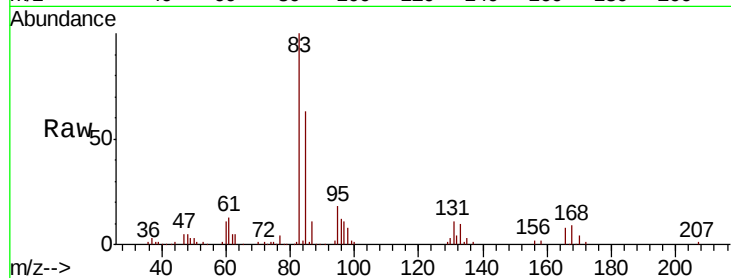
Tot Ion: 83 Resp: 45142

Ion Ratio Lower Upper

83 100

131 12.1 5.9 17.7

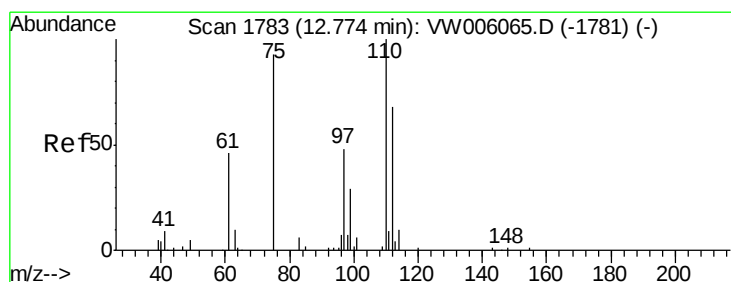
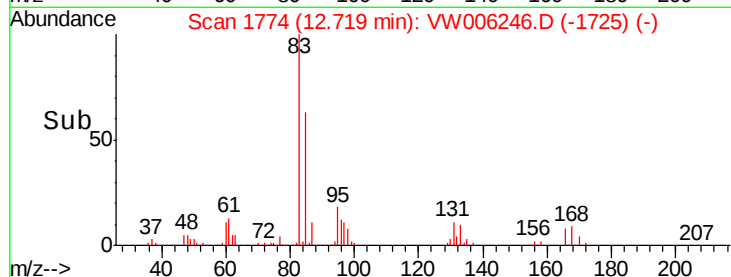
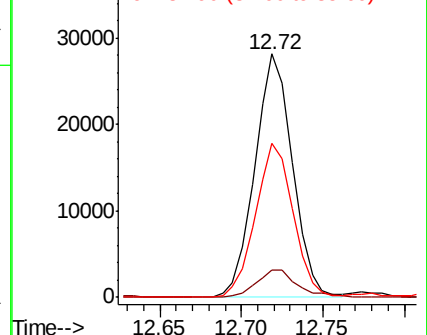
85 63.2 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 35.083 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW006246.D

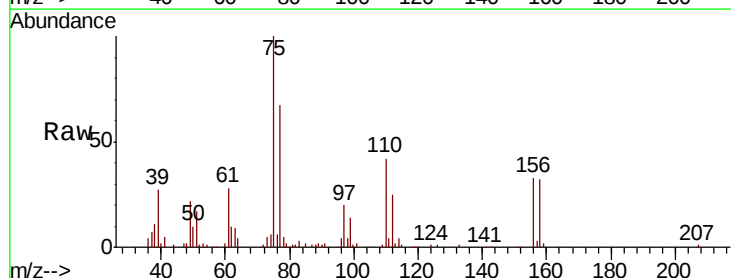
Acq: 22 Oct 2018 13:00

Tgt Ion: 75 Resp: 58272

Ion Ratio Lower Upper

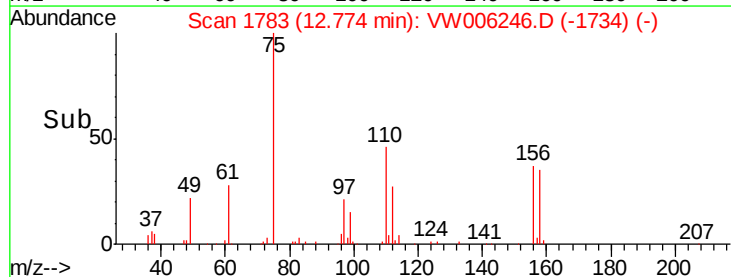
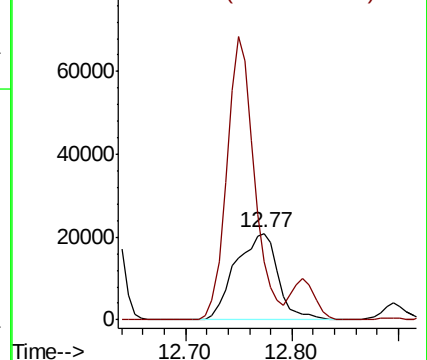
75 100

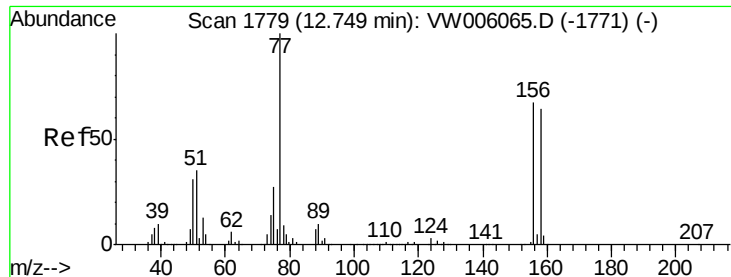
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.530 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006246.D

Acq: 22 Oct 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS01

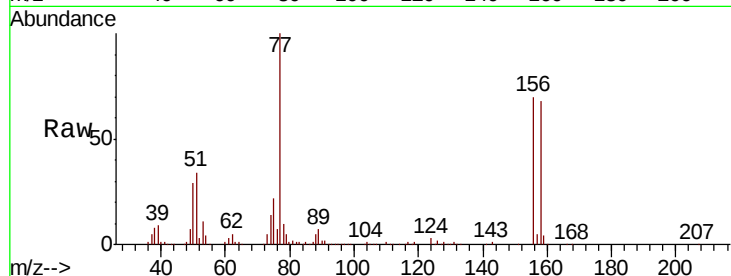
Tot Ion:156 Resp: 81015

Ion Ratio Lower Upper

156 100

77 152.8 79.1 237.4

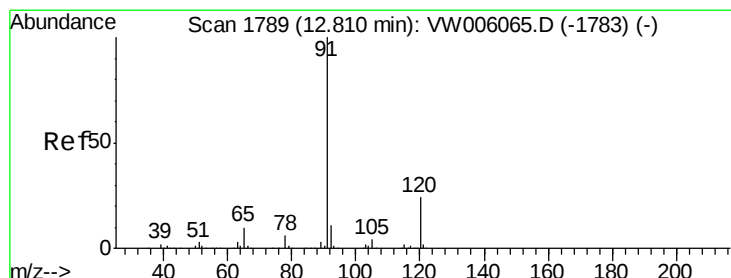
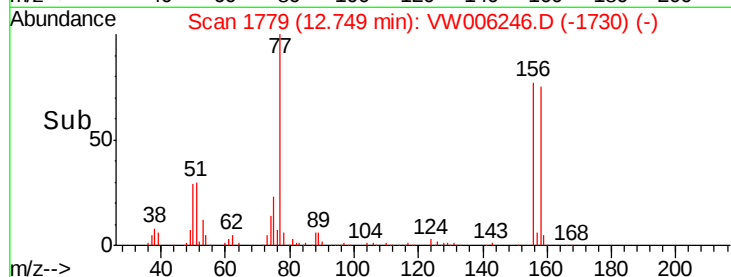
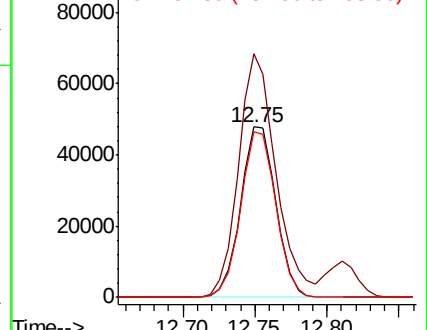
158 96.9 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.982 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006246.D

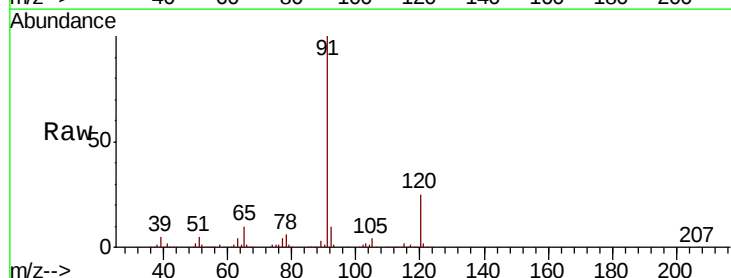
Acq: 22 Oct 2018 13:00

Tgt Ion: 91 Resp: 392896

Ion Ratio Lower Upper

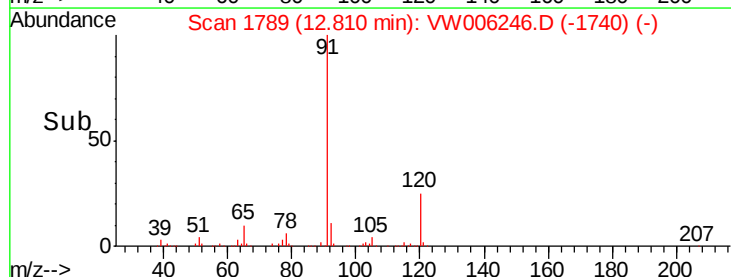
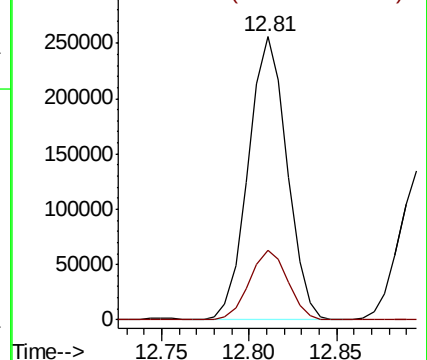
91 100

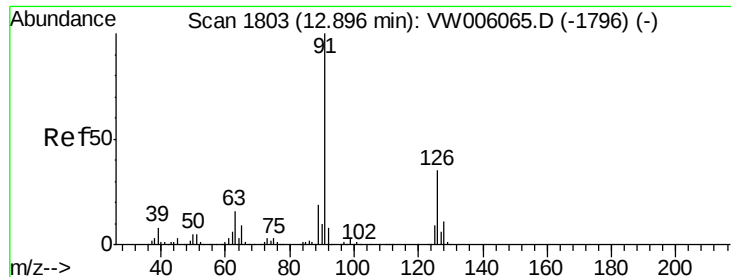
120 24.5 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.764 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006246.D

Acq: 22 Oct 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

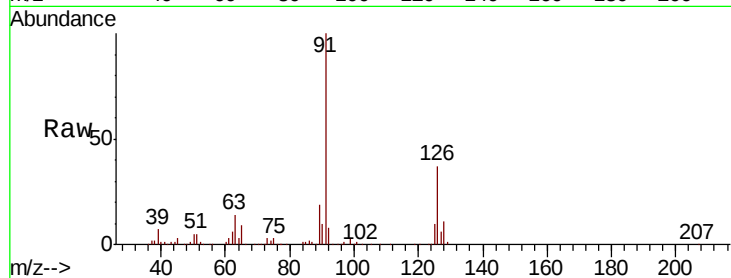
VW1022SBS01

Tot Ion: 91 Resp: 218568

Ion Ratio Lower Upper

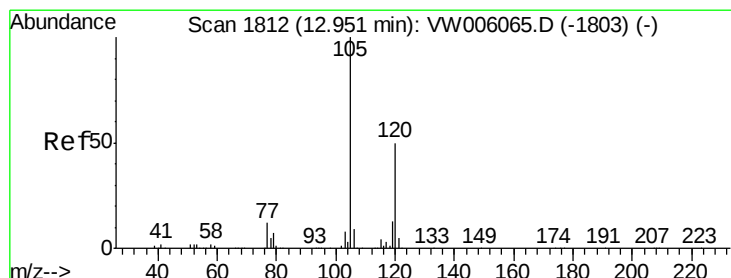
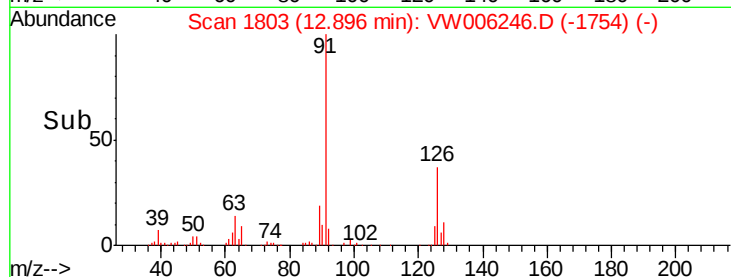
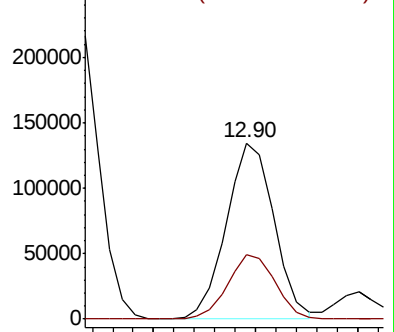
91 100

126 36.8 17.9 53.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.907 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006246.D

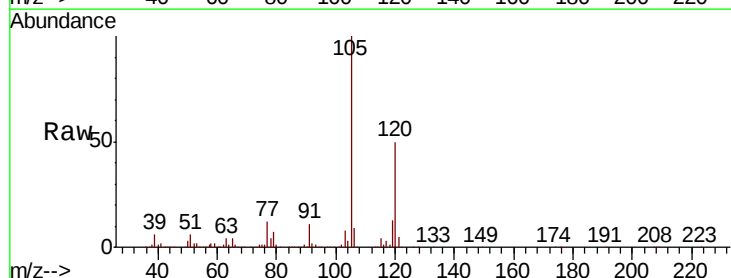
Acq: 22 Oct 2018 13:00

Tgt Ion:105 Resp: 283729

Ion Ratio Lower Upper

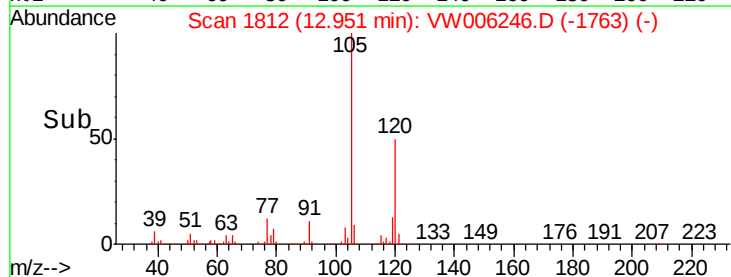
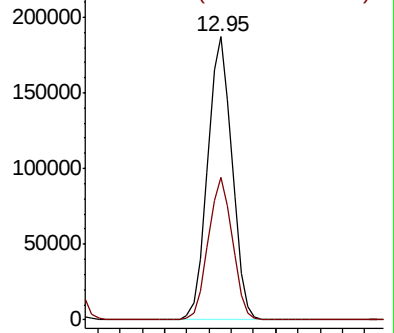
105 100

120 49.9 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.152 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006246.D

Acq: 22 Oct 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS01

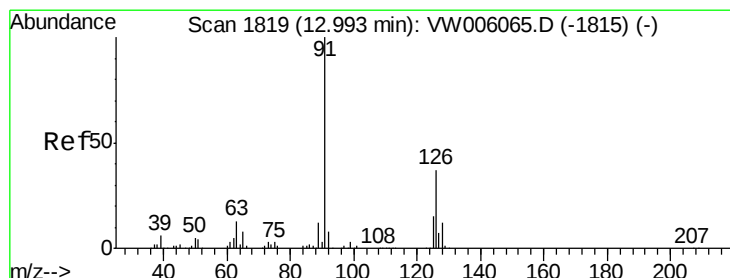
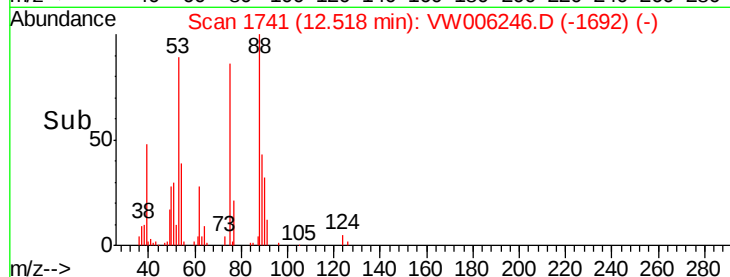
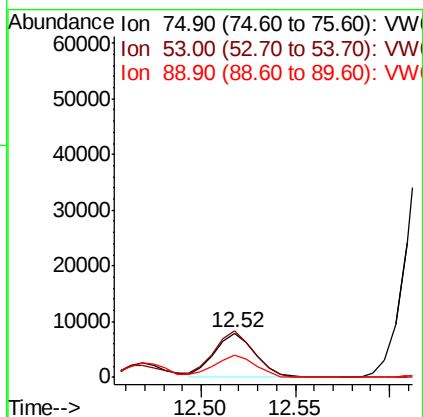
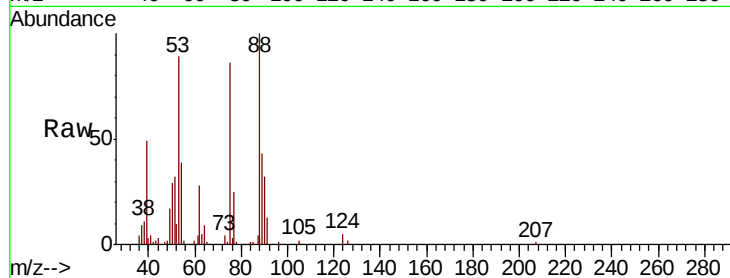
Tot Ion: 75 Resp: 11918

Ion Ratio Lower Upper

75 100

53 105.1 79.8 119.6

89 50.0 37.5 56.3



#82

4-Chlorotoluene

Concen: 21.896 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW006246.D

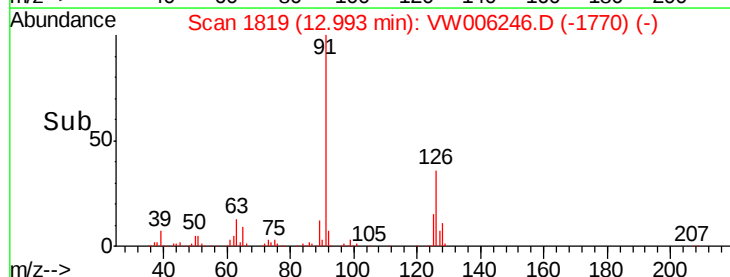
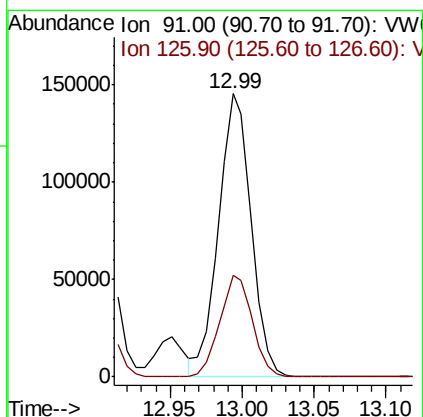
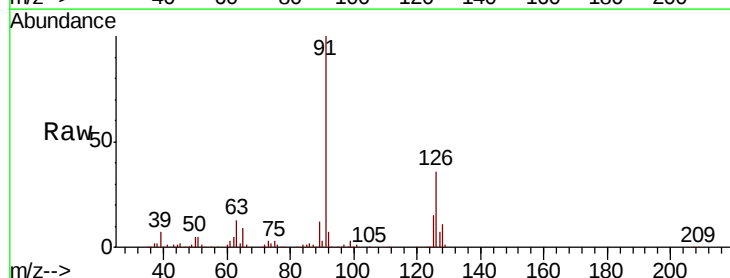
Acq: 22 Oct 2018 13:00

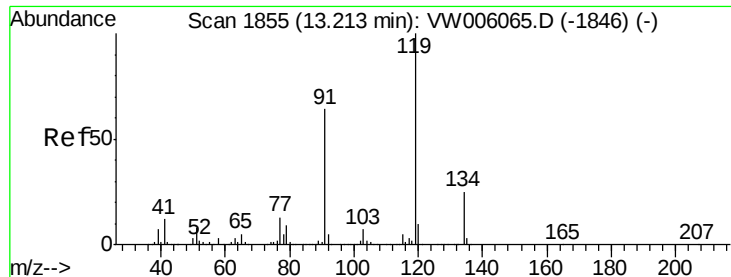
Tgt Ion: 91 Resp: 230336

Ion Ratio Lower Upper

91 100

126 35.9 18.1 54.3

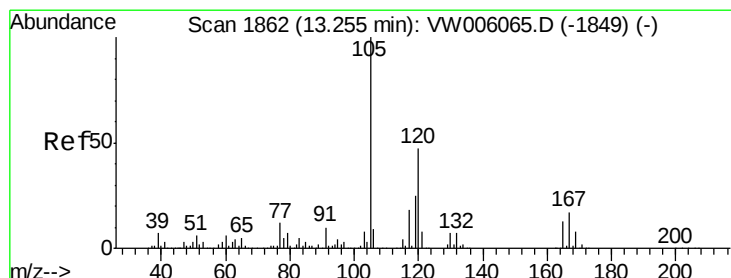
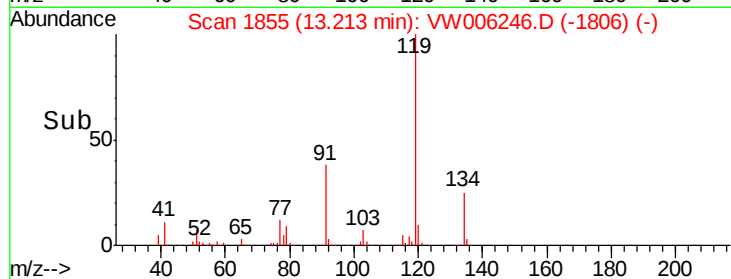
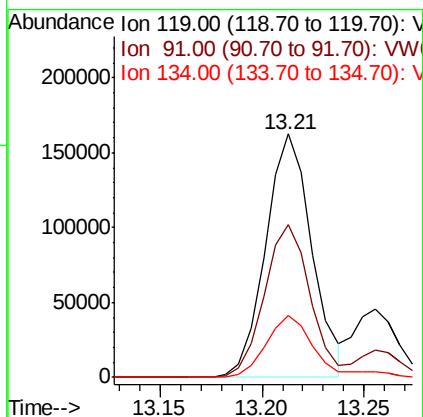
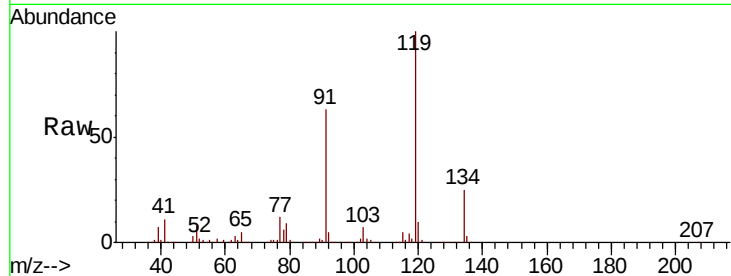




#83
tert-Butylbenzene
Concen: 22.087 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006246.D
Acq: 22 Oct 2018 13:00

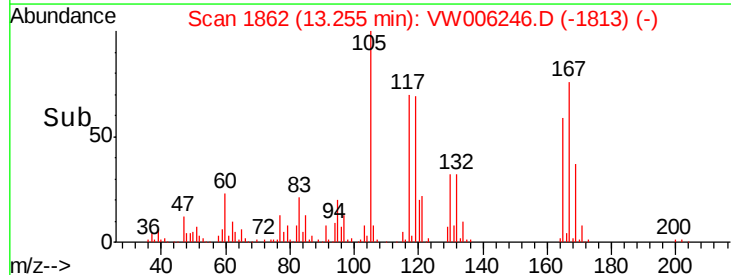
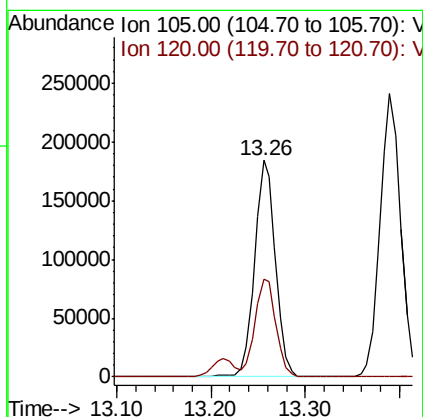
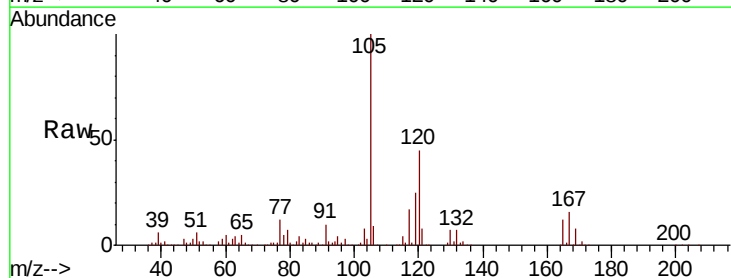
Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS01

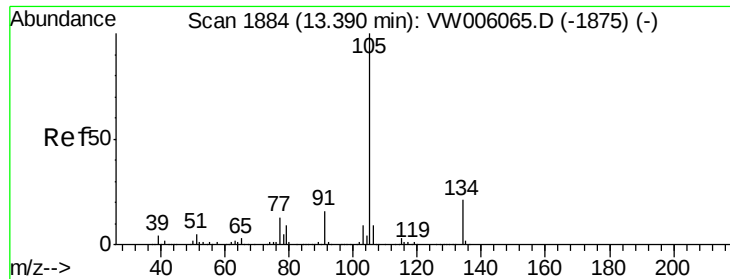
Tot Ion:119 Resp: 255931
Ion Ratio Lower Upper
119 100
91 62.0 32.3 96.9
134 27.2 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 21.846 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006246.D
Acq: 22 Oct 2018 13:00

Tgt Ion:105 Resp: 286310
Ion Ratio Lower Upper
105 100
120 45.7 23.1 69.3





#85

sec-Butylbenzene

Concen: 22.175 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006246.D

Acq: 22 Oct 2018 13:00

Instrument :

MSVOA_W

ClientSampled :

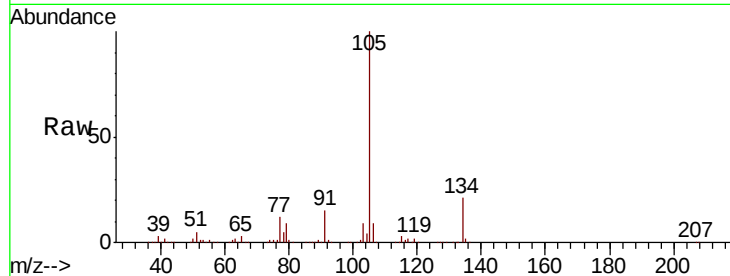
VW1022SBS01

Tot Ion:105 Resp: 363005

Ion Ratio Lower Upper

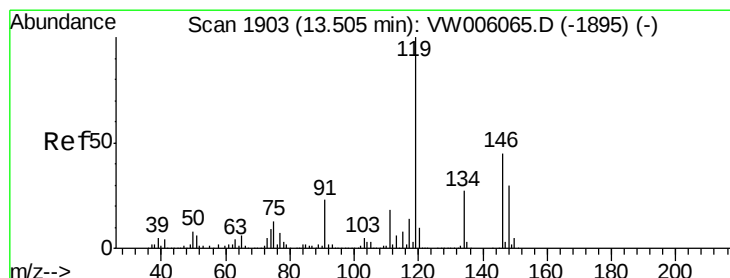
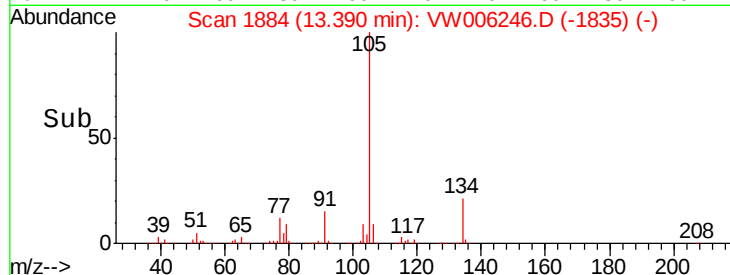
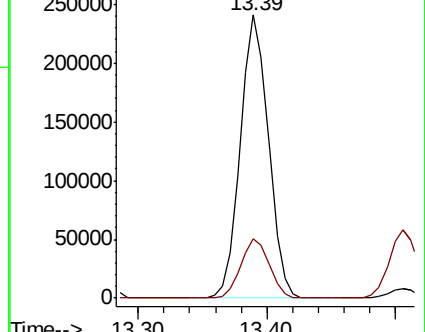
105 100

134 21.1 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.048 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006246.D

Acq: 22 Oct 2018 13:00

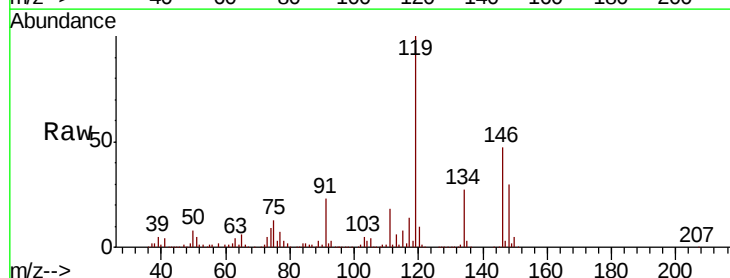
Tgt Ion:119 Resp: 326455

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

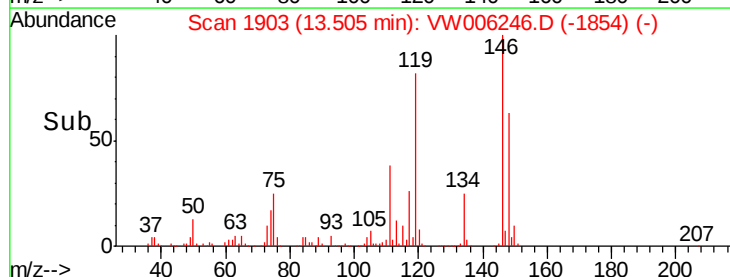
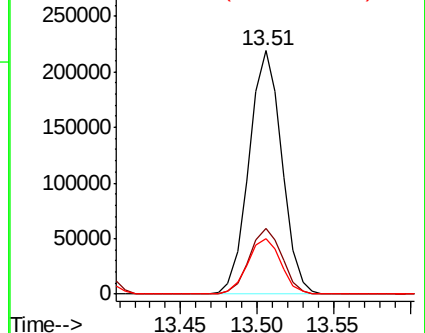
91 23.0 11.4 34.1

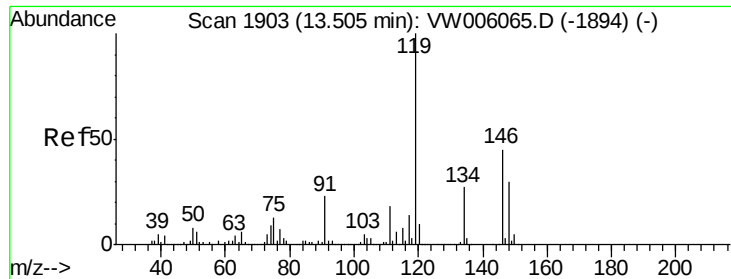


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

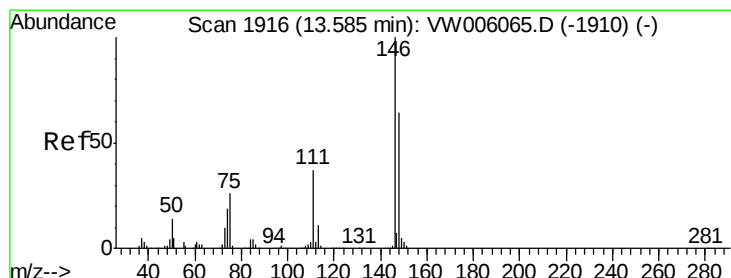
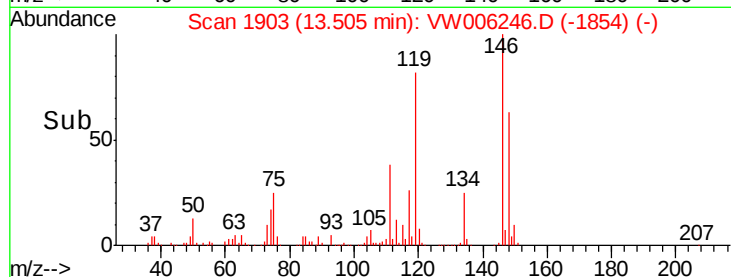
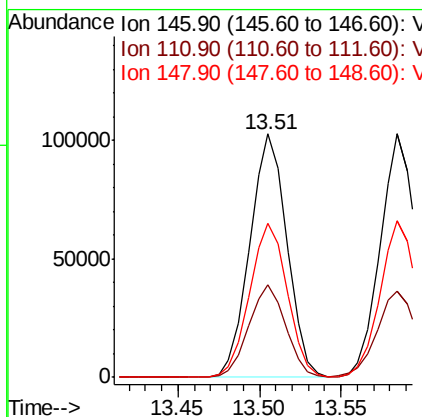
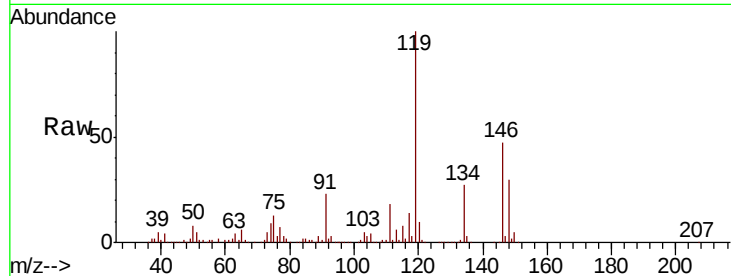




#87
 1,3-Dichlorobenzene
 Concen: 21.769 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006246.D
 Acq: 22 Oct 2018 13:00

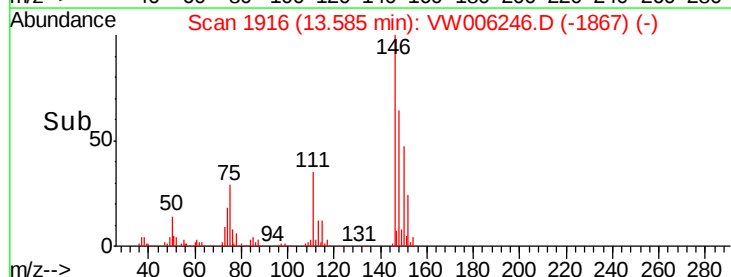
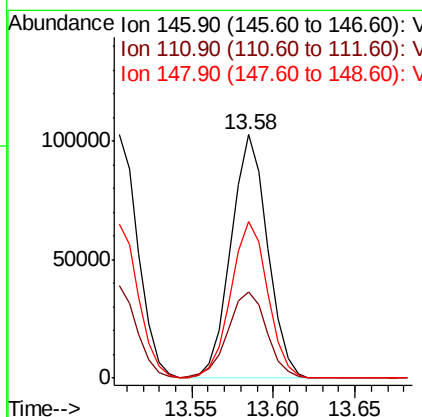
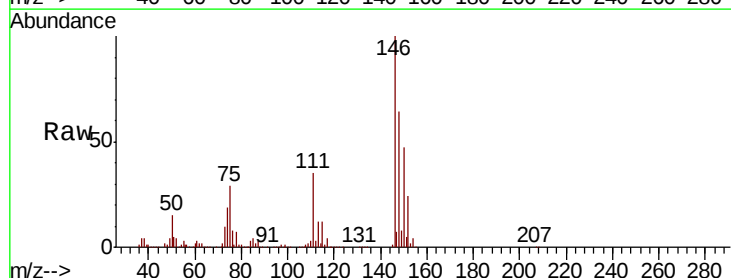
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1022SBS01

Tot Ion:146 Resp: 163021
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.1 57.5
 148 64.1 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 21.512 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006246.D
 Acq: 22 Oct 2018 13:00

Tgt Ion:146 Resp: 160397
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.6 56.0
 148 64.7 32.1 96.5





#89

n-Butylbenzene

Concen: 22.170 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006246.D

Acq: 22 Oct 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS01

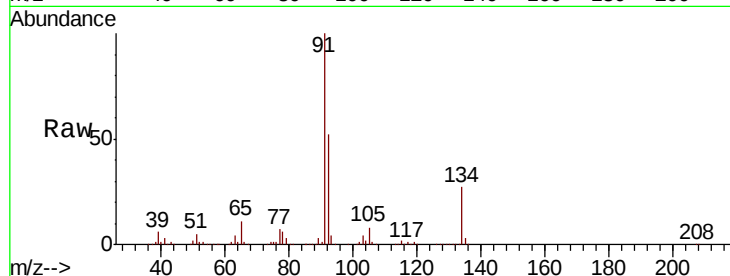
Tot Ion: 91 Resp: 300212

Ion Ratio Lower Upper

91 100

92 52.4 26.6 79.7

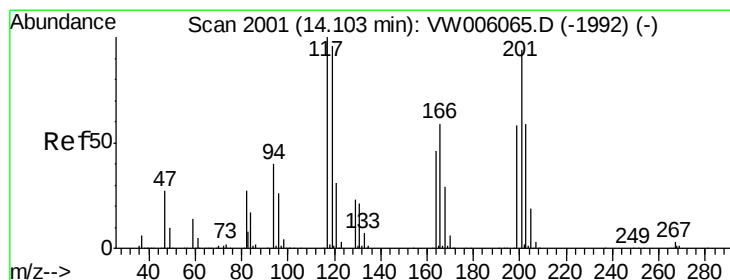
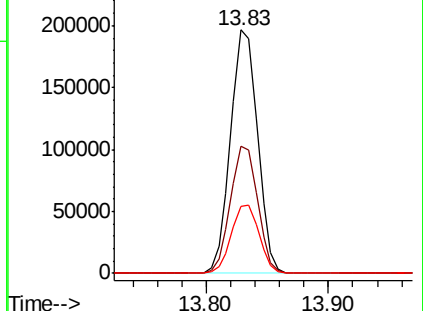
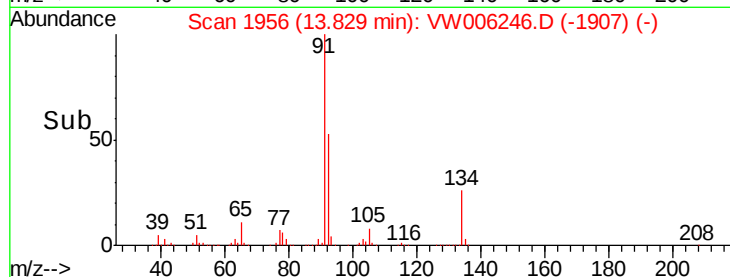
134 28.6 14.0 41.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 21.068 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.00 min

Lab File: VW006246.D

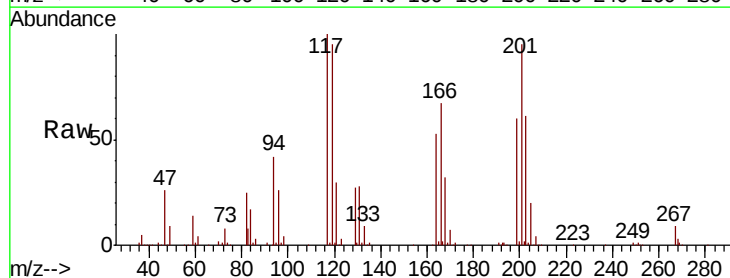
Acq: 22 Oct 2018 13:00

Tgt Ion: 117 Resp: 52839

Ion Ratio Lower Upper

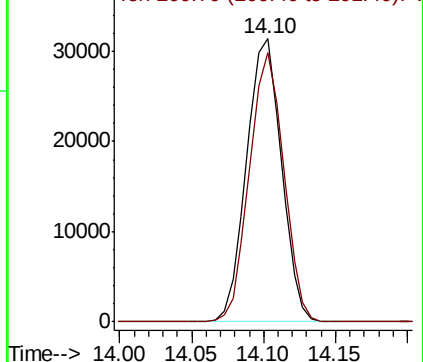
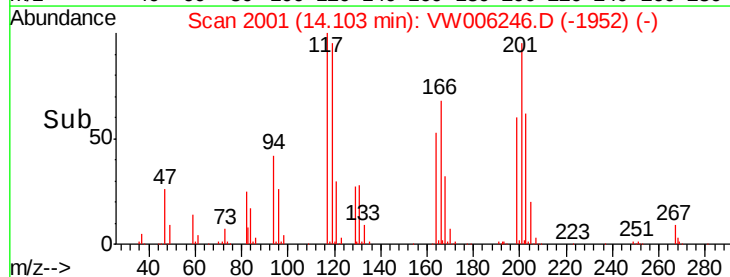
117 100

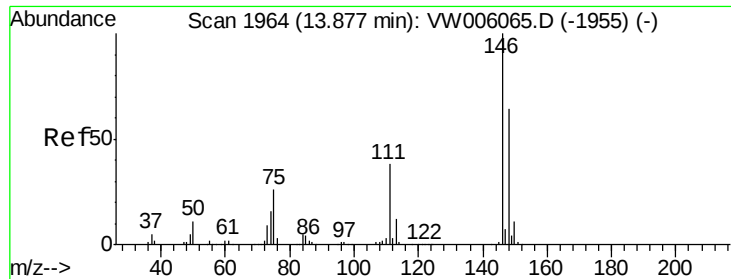
201 93.1 45.3 135.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 21.347 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW006246.D

Acq: 22 Oct 2018 13:00

Instrument :

MSVOA_W

ClientSampleId :

VW1022SBS01

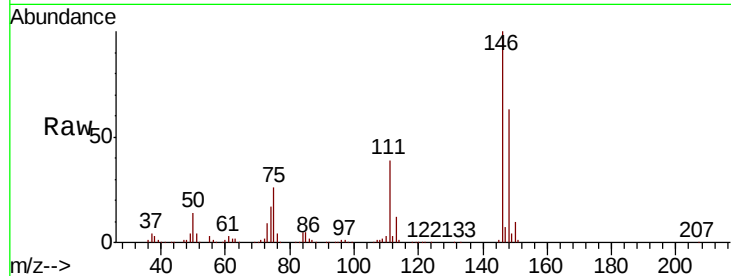
Tot Ion:146 Resp: 142596

Ion Ratio Lower Upper

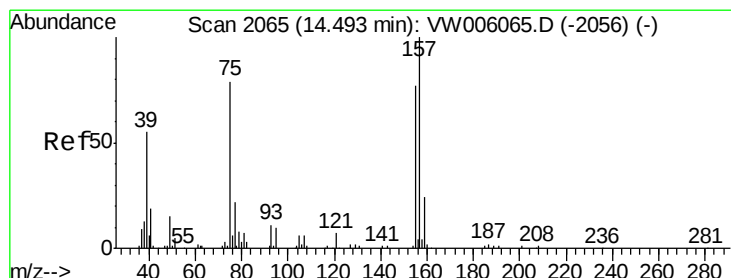
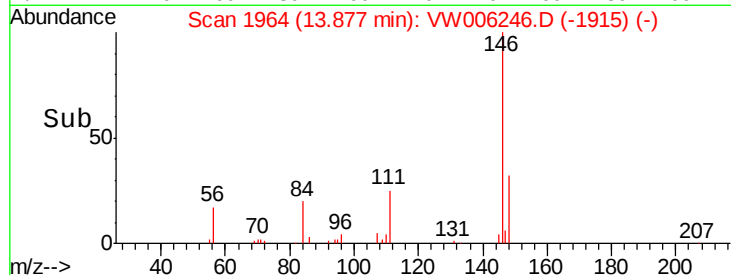
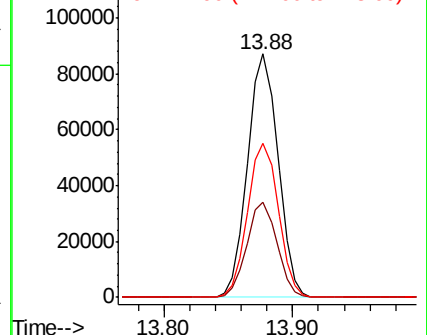
146 100

111 38.8 19.6 58.7

148 63.8 32.2 96.6



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.057 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.01 min

Lab File: VW006246.D

Acq: 22 Oct 2018 13:00

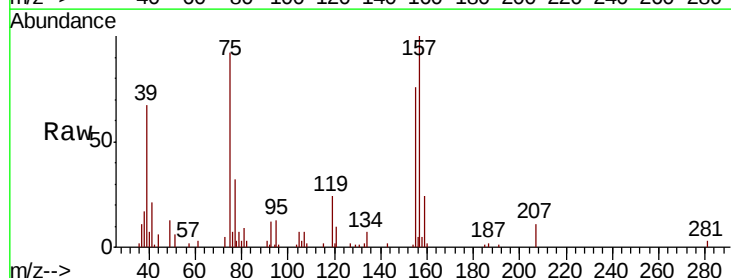
Tgt Ion: 75 Resp: 7136

Ion Ratio Lower Upper

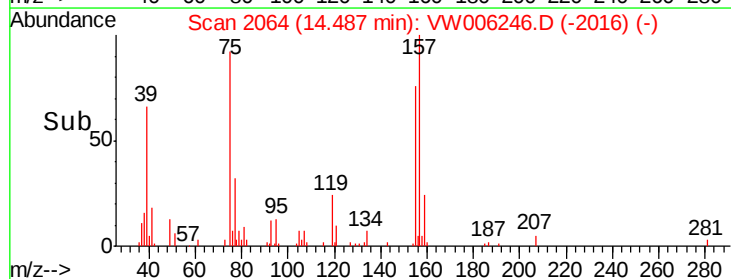
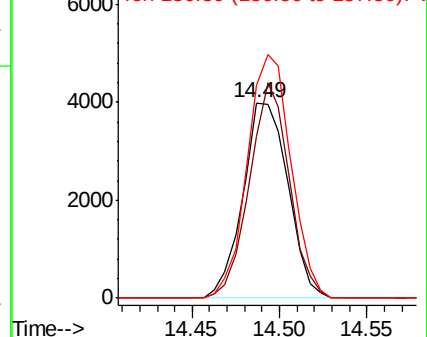
75 100

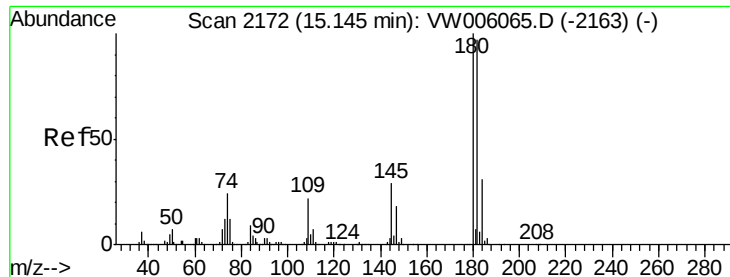
155 97.4 46.5 139.5

157 121.0 59.8 179.4



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

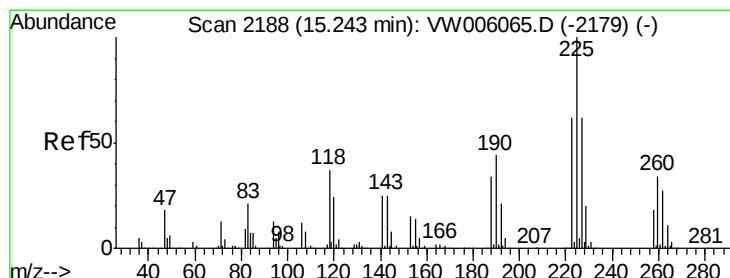
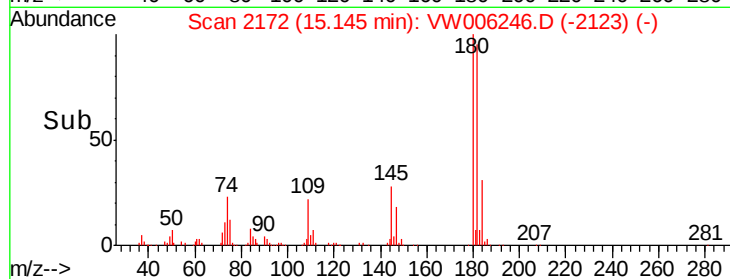
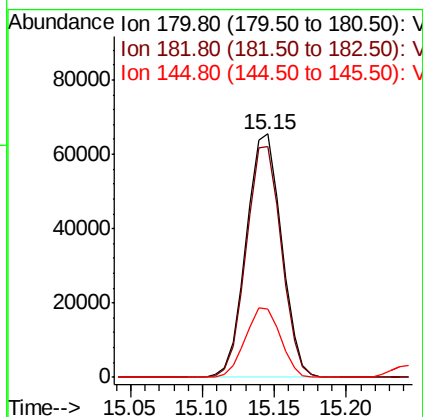
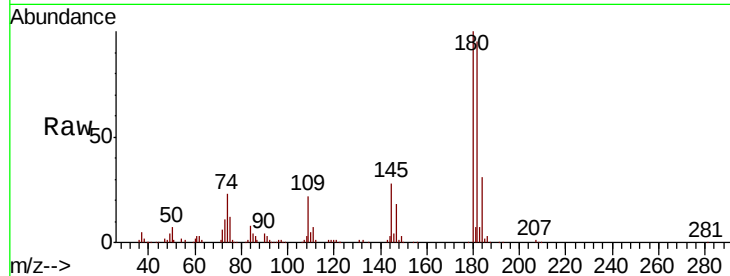




#93
 1,2,4-Trichlorobenzene
 Concen: 21.625 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: VW006246.D
 Acq: 22 Oct 2018 13:00

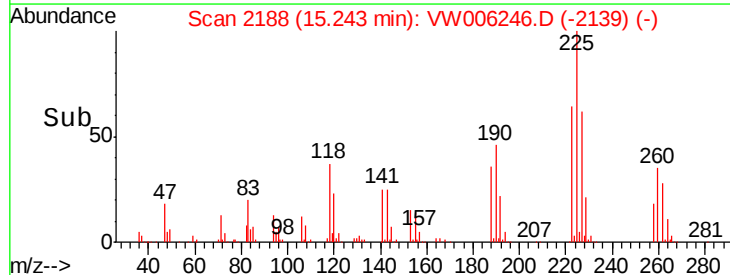
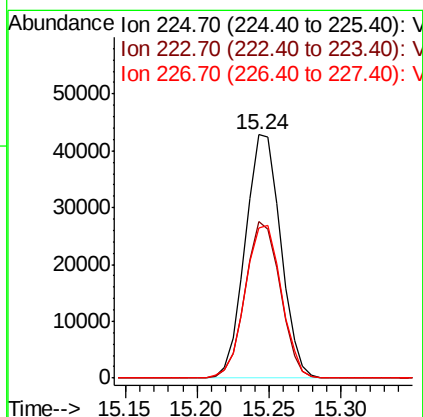
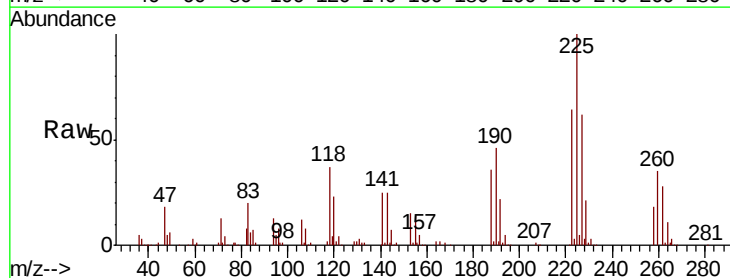
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1022SBS01

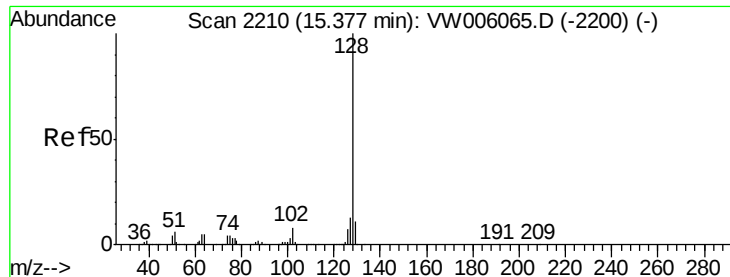
Tot Ion:180 Resp: 111149
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.9 143.6
 145 28.4 14.2 42.8



#94
 Hexachlorobutadiene
 Concen: 22.602 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006246.D
 Acq: 22 Oct 2018 13:00

Tgt Ion:225 Resp: 72976
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.1 93.5
 227 63.9 32.4 97.0

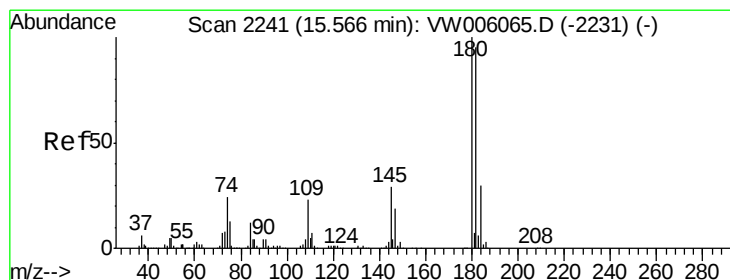
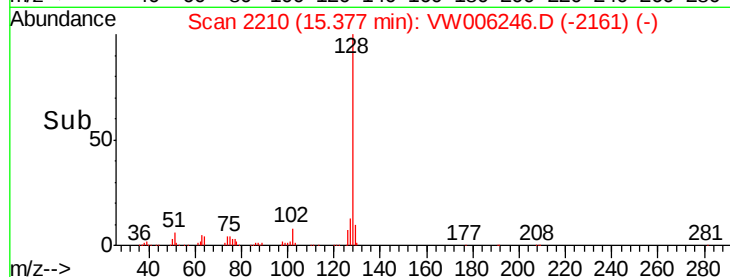
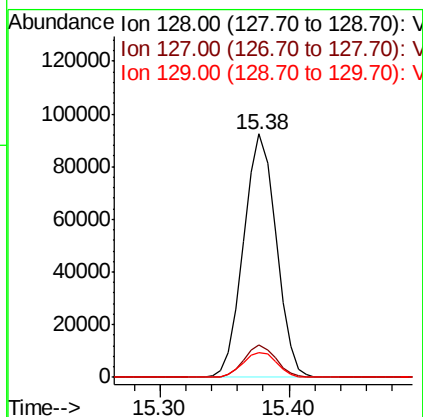
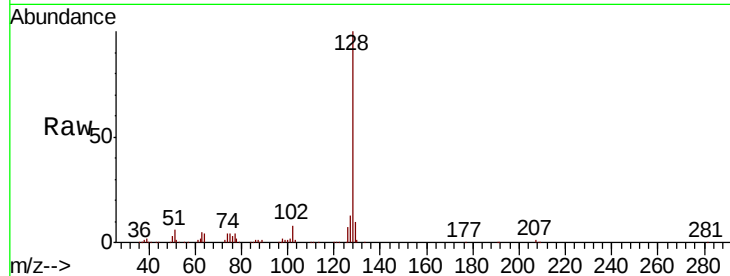




#95
Naphthalene
Concen: 18.929 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006246.D
Acq: 22 Oct 2018 13:00

Instrument :
MSVOA_W
ClientSampleId :
VW1022SBS01

Tot Ion:128 Resp: 161850
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.986 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006246.D
Acq: 22 Oct 2018 13:00

Tgt Ion:180 Resp: 93297
Ion Ratio Lower Upper
180 100
182 94.3 47.8 143.3
145 29.7 15.0 45.1

