

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
 Data File : VW002400.D
 Acq On : 11 May 2018 01:14
 Operator : JC/SY
 Sample : VW0510SBSD03
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBSD03

Quant Time: May 11 06:32:55 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 08 03:57:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	210572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	320061	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	300458	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	160457	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	111039	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
35) Dibromofluoromethane	7.88	113	102156	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
50) Toluene-d8	10.33	98	386917	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
62) 4-Bromofluorobenzene	12.63	95	138906	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	15102	18.98	ug/l	99
3) Chloromethane	2.21	50	33802	20.92	ug/l	99
4) Vinyl Chloride	2.35	62	53588	20.11	ug/l	99
5) Bromomethane	2.76	94	45124	21.05	ug/l	97
6) Chloroethane	2.91	64	38185	21.23	ug/l	96
7) Trichlorofluoromethane	3.24	101	19627	18.03	ug/l	99
8) Diethyl Ether	3.67	74	33474	27.47	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.04	101	38301	19.93	ug/l	97
10) Methyl Iodide	4.26	142	61999	19.88	ug/l	99
11) Tert butyl alcohol	5.19	59	18563	114.21	ug/l #	93
12) 1,1-Dichloroethene	4.03	96	38615	20.26	ug/l	94
13) Acrolein	3.88	56	11911	87.53	ug/l	96
14) Allyl chloride	4.65	41	52870	18.88	ug/l	97
15) Acrylonitrile	5.37	53	51886	108.56	ug/l	98
16) Acetone	4.12	43	48418	110.87	ug/l	94
17) Carbon Disulfide	4.36	76	106171	19.16	ug/l	99
18) Methyl Acetate	4.67	43	27672	21.12	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	68437	20.54	ug/l	95
20) Methylene Chloride	4.91	84	42848	20.35	ug/l	93
21) trans-1,2-Dichloroethene	5.40	96	42648	20.73	ug/l	95
22) Diisopropyl ether	6.31	45	124361	20.26	ug/l	99
23) Vinyl Acetate	6.25	43	372529	101.32	ug/l	99
24) 1,1-Dichloroethane	6.20	63	77261	20.75	ug/l	99
25) 2-Butanone	7.17	43	71285	109.93	ug/l	99
26) 2,2-Dichloropropane	7.17	77	35655	19.22	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	47268	20.38	ug/l	99
28) Bromochloromethane	7.51	49	34470	20.47	ug/l	99
29) Tetrahydrofuran	7.53	42	45066	105.97	ug/l	99
30) Chloroform	7.67	83	80920	20.76	ug/l	100
31) Cyclohexane	7.95	56	65027	19.57	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	60278	20.58	ug/l	98
36) 1,1-Dichloropropene	8.08	75	61005	21.08	ug/l	100
37) Ethyl Acetate	7.25	43	32491	23.03	ug/l	100
38) Carbon Tetrachloride	8.06	117	57512	20.55	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	68459	20.27	ug/l	99
40) Benzene	8.32	78	177236	20.95	ug/l	98
41) Methacrylonitrile	7.48	41	18841	23.31	ug/l	95
42) 1,2-Dichloroethane	8.40	62	55847	21.16	ug/l	99
43) Isopropyl Acetate	8.43	43	58700	21.93	ug/l	100
44) Trichloroethene	9.09	130	49648	21.52	ug/l	97
45) 1,2-Dichloropropane	9.37	63	44253	20.87	ug/l	96
46) Dibromomethane	9.46	93	26065	22.00	ug/l	97
47) Bromodichloromethane	9.65	83	58889	21.06	ug/l	100
48) Methyl methacrylate	9.44	41	27187	20.92	ug/l	96
49) 1,4-Dioxane	9.45	88	8792	467.05	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	160592	108.78	ug/l	100
52) Toluene	10.39	92	114191	21.25	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	56280	20.47	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	64488	20.51	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	35605	21.34	ug/l	97
56) Ethyl methacrylate	10.65	69	43240	20.96	ug/l	99
57) 1,3-Dichloropropane	10.94	76	59826	21.09	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	106583	106.46	ug/l	97
59) 2-Hexanone	10.98	43	110849	109.77	ug/l	99
60) Dibromochloromethane	11.13	129	40755	20.70	ug/l	100
61) 1,2-Dibromoethane	11.24	107	34130	20.93	ug/l	97
64) Tetrachloroethene	10.87	164	54427	23.54	ug/l	90
65) Chlorobenzene	11.66	112	126549	20.61	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	45266	20.69	ug/l	98
67) Ethyl Benzene	11.74	91	215368	20.41	ug/l	98
68) m/p-Xylenes	11.85	106	169211	41.56	ug/l	100
69) o-Xylene	12.18	106	78793	20.35	ug/l	97
70) Styrene	12.19	104	132368	20.59	ug/l	99
71) Bromoform	12.36	173	26305	20.96	ug/l	# 98
73) Isopropylbenzene	12.48	105	215596	20.69	ug/l	99
74) N-amyl acetate	12.28	43	54757	20.99	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	44750	22.21	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	32524m	22.86	ug/l	
77) Bromobenzene	12.76	156	55909	21.28	ug/l	99
78) n-propylbenzene	12.82	91	260473	21.08	ug/l	99
79) 2-Chlorotoluene	12.90	91	149729	21.04	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	183740	20.96	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	10927	20.23	ug/l	92
82) 4-Chlorotoluene	13.00	91	158575	20.96	ug/l	99
83) tert-Butylbenzene	13.22	119	159870	21.18	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	189669	20.87	ug/l	100
85) sec-Butylbenzene	13.40	105	227290	21.09	ug/l	99
86) p-Isopropyltoluene	13.51	119	202924	21.06	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	110474	21.24	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	109717	21.13	ug/l	99
89) n-Butylbenzene	13.84	91	190238	21.10	ug/l	98
90) Hexachloroethane	14.11	117	35075	20.36	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	100279	21.25	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7951	22.83	ug/l	99

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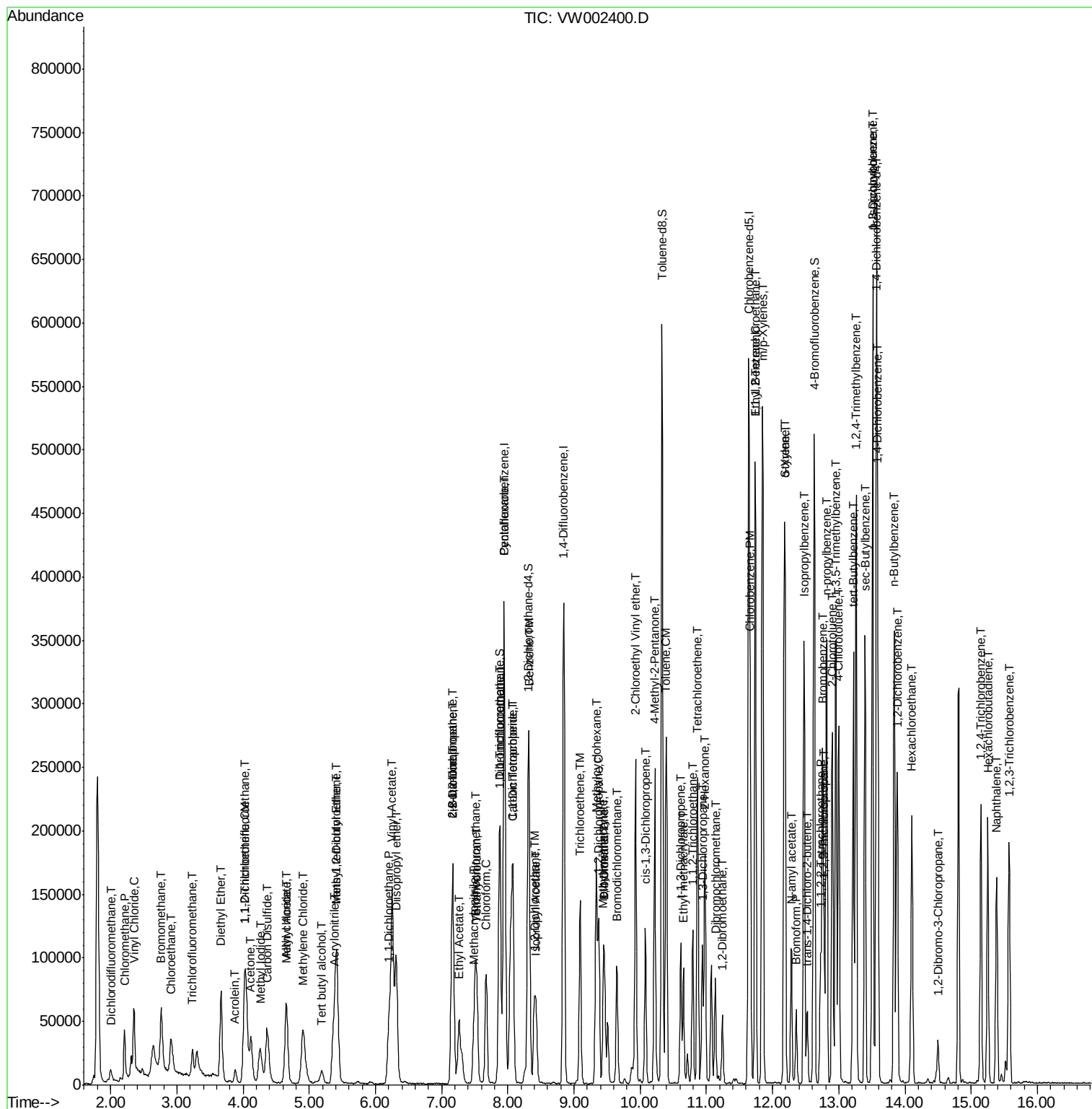
Instrument :
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VW0510SBSD03

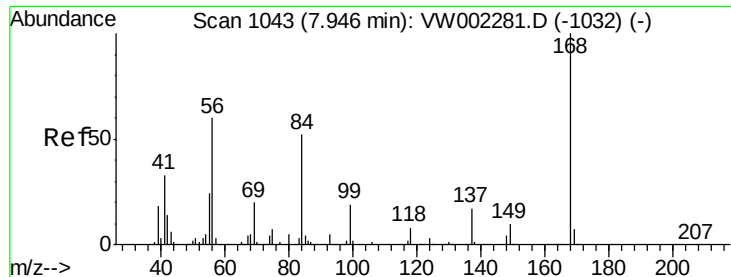
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Quant Title : SW846 8260
QLast Update : Tue May 08 03:57:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	71723	21.26	ug/l	97
94) Hexachlorobutadiene	15.26	225	40333	21.46	ug/l	99
95) Naphthalene	15.38	128	137011	22.09	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	64689	21.39	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VW002400.D

Acq: 11 May 2018 01:14

Instrument :

MSVOA_W

ClientSampleId :

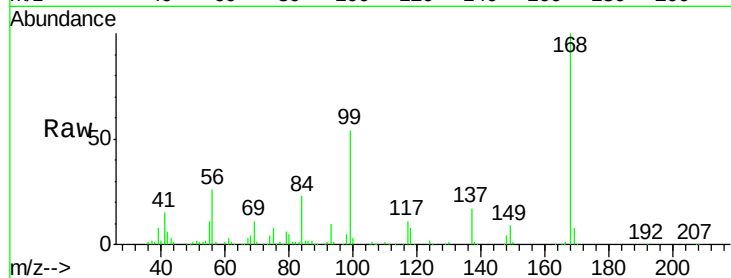
VW0510SBSD03

Tot Ion:168 Resp: 210572

Ion Ratio Lower Upper

168 100

99 53.8 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

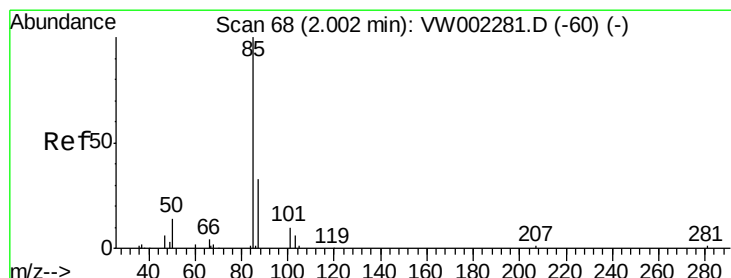
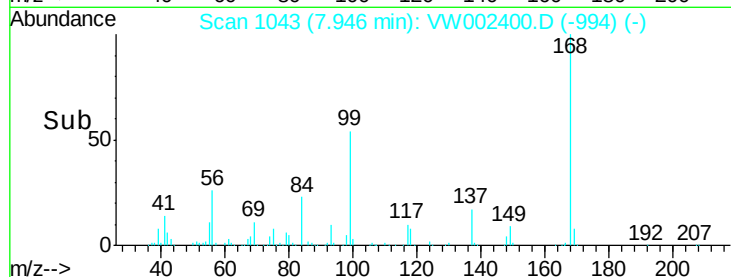
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.98 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW002400.D

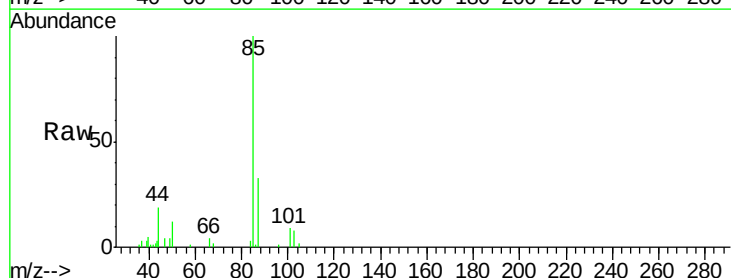
Acq: 11 May 2018 01:14

Tgt Ion: 85 Resp: 15102

Ion Ratio Lower Upper

85 100

87 33.4 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

6000

5000

4000

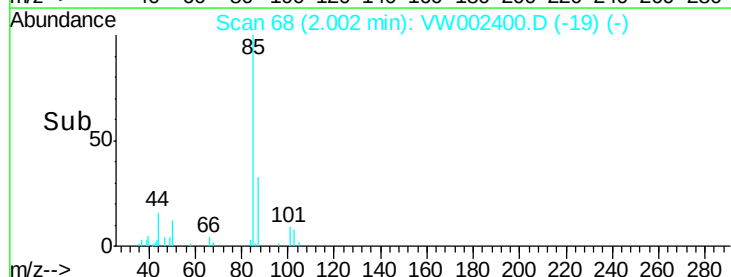
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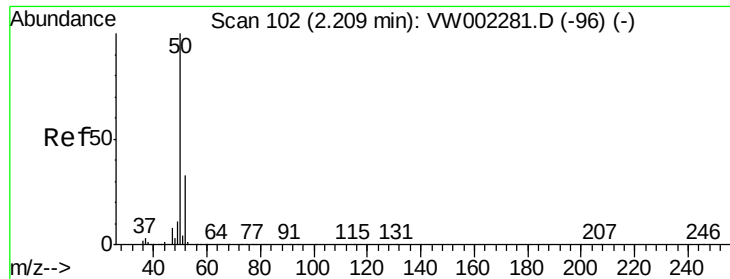
2000

1000

0

Time-->





#3

Chloromethane

Concen: 20.92 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW002400.D

Acq: 11 May 2018 01:14

Instrument :

MSVOA_W

ClientSampleId :

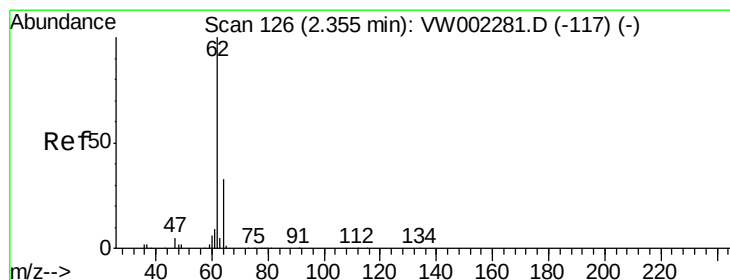
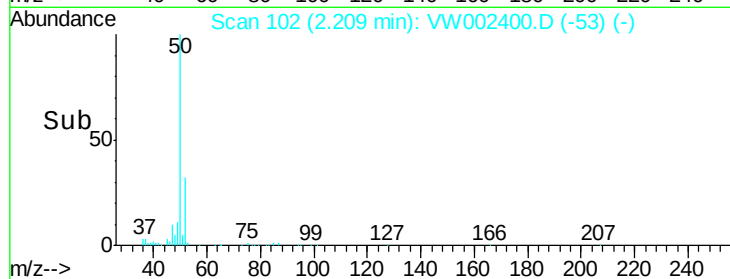
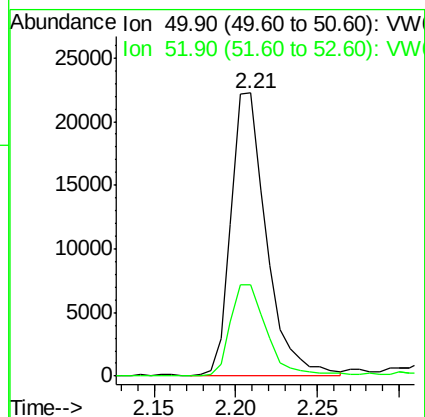
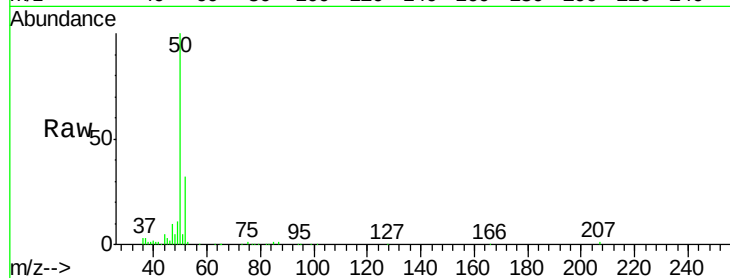
VW0510SBSD03

Tot Ion: 50 Resp: 33802

Ion Ratio Lower Upper

50 100

52 32.3 26.5 39.7



#4

Vinyl Chloride

Concen: 20.11 ug/l

RT: 2.35 min Scan# 125

Delta R.T. -0.01 min

Lab File: VW002400.D

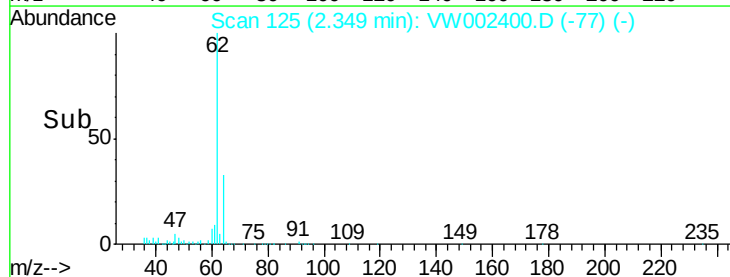
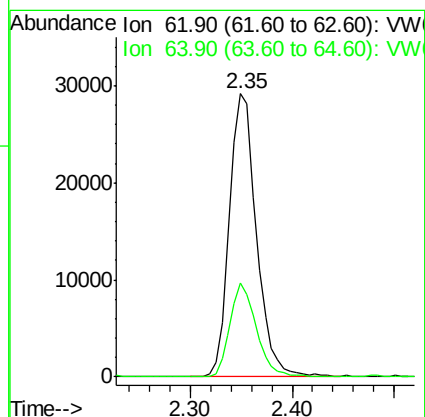
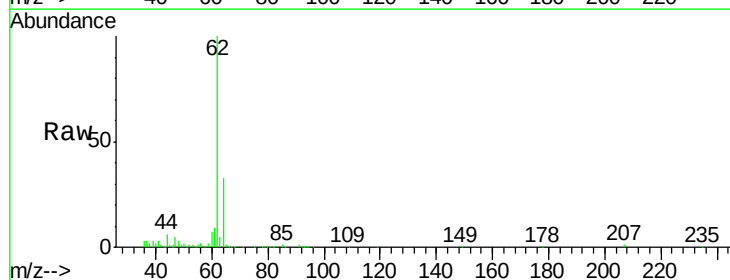
Acq: 11 May 2018 01:14

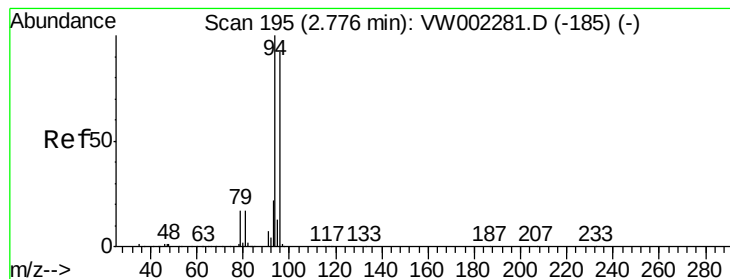
Tgt Ion: 62 Resp: 53588

Ion Ratio Lower Upper

62 100

64 33.0 26.1 39.1





#5

Bromomethane

Concen: 21.05 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW002400.D

Acq: 11 May 2018 01:14

Instrument :

MSVOA_W

ClientSampleId :

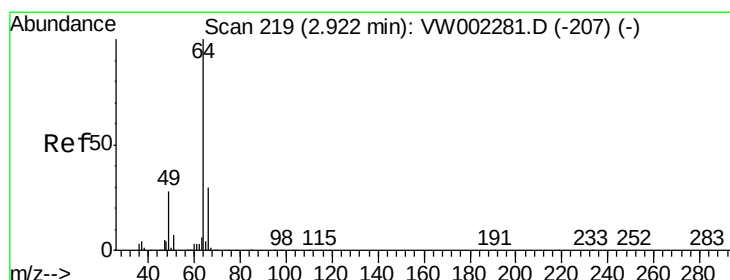
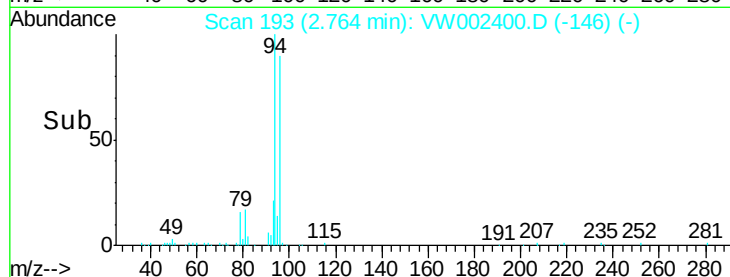
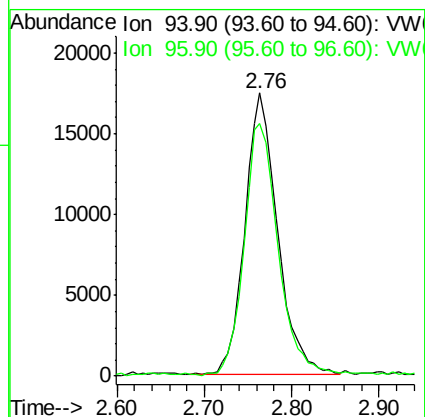
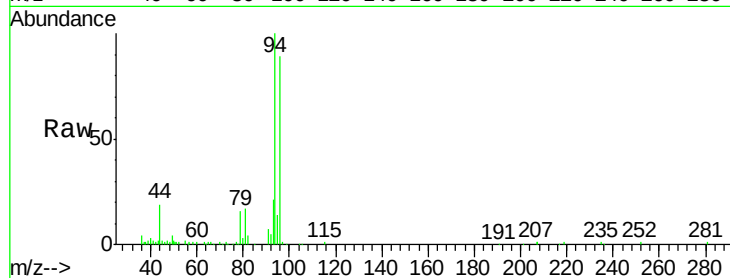
VW0510SBSD03

Tot Ion: 94 Resp: 45124

Ion Ratio Lower Upper

94 100

96 89.3 73.6 110.4



#6

Chloroethane

Concen: 21.23 ug/l

RT: 2.91 min Scan# 217

Delta R.T. -0.01 min

Lab File: VW002400.D

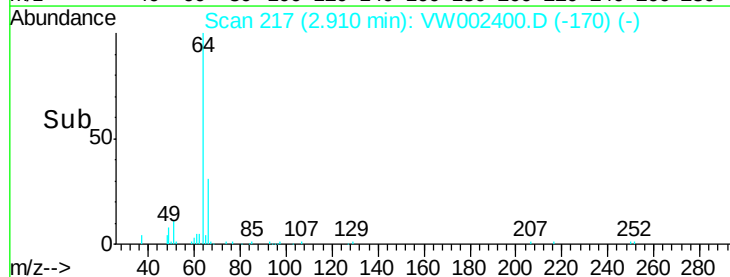
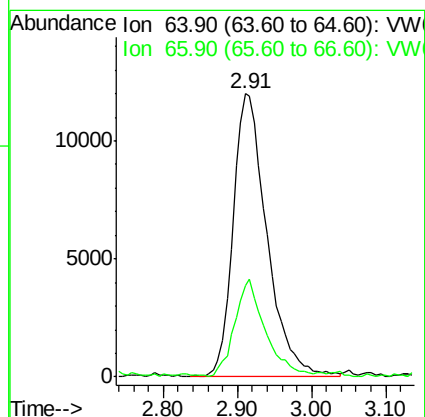
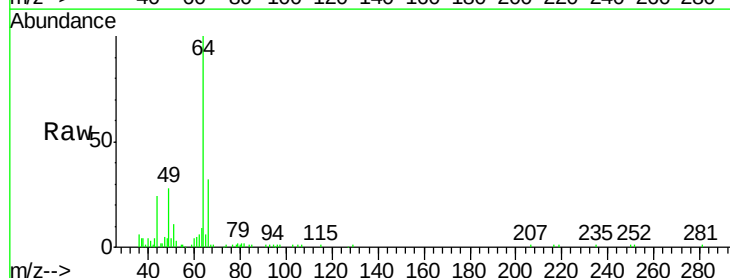
Acq: 11 May 2018 01:14

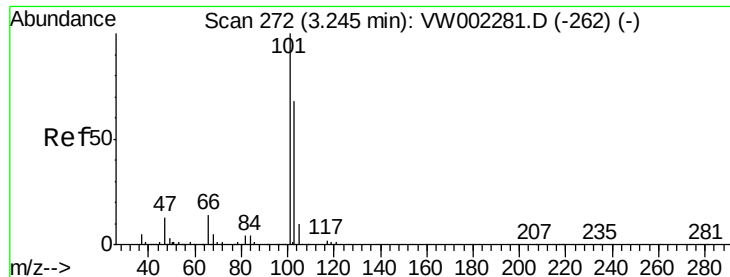
Tgt Ion: 64 Resp: 38185

Ion Ratio Lower Upper

64 100

66 31.7 23.8 35.6



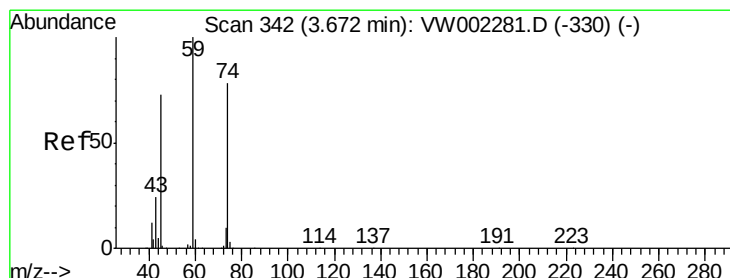
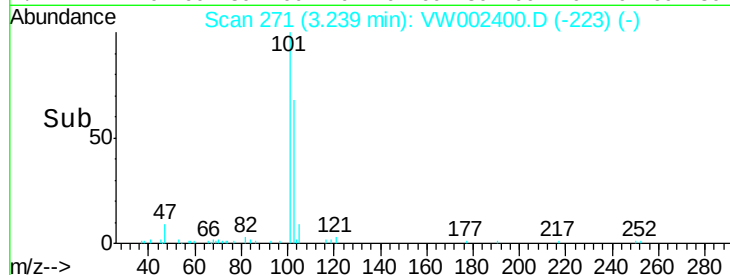
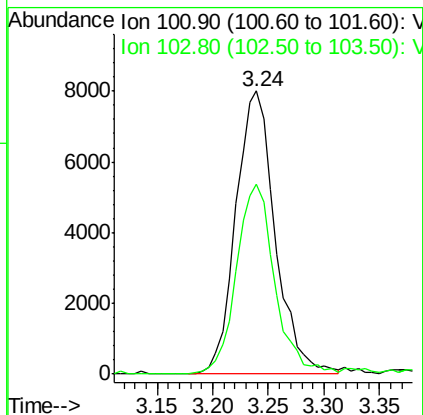
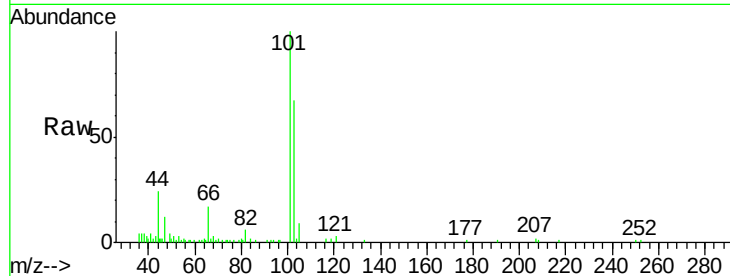


#7

Trichlorofluoromethane
Concen: 18.03 ug/l
RT: 3.24 min Scan# 271
Delta R.T. -0.01 min
Lab File: VW002400.D
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Instrument :
MSVOA_W
ClientSampleId :
VW0510SBSD03

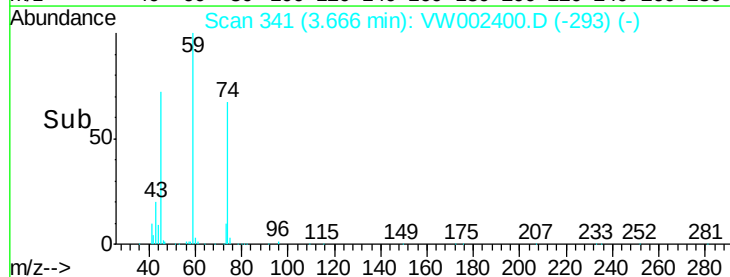
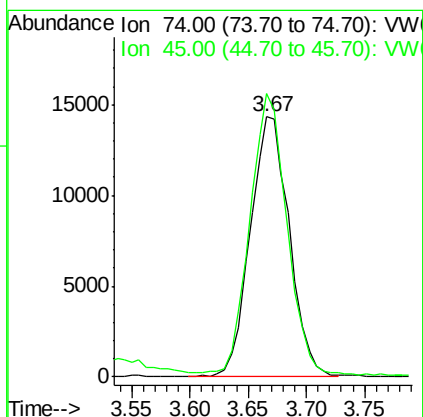
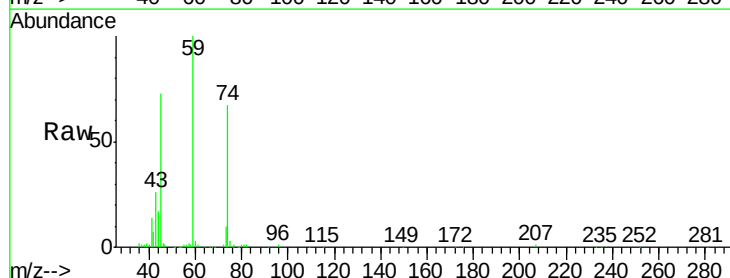
Tot Ion:101 Resp: 19627
Ion Ratio Lower Upper
101 100
103 67.3 54.6 82.0

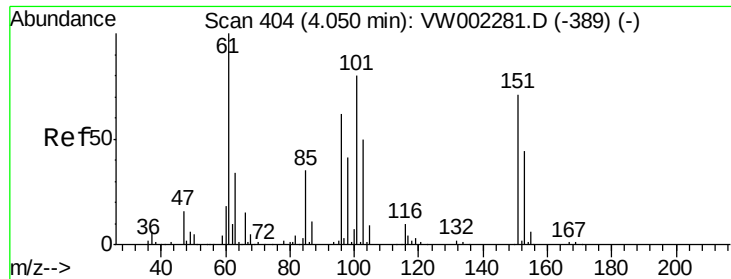


#8

Diethyl Ether
Concen: 27.47 ug/l
RT: 3.67 min Scan# 341
Delta R.T. -0.01 min
Lab File: VW002400.D
Acq: 11 May 2018 01:14

Tgt Ion: 74 Resp: 33474
Ion Ratio Lower Upper
74 100
45 103.4 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.93 ug/l

RT: 4.04 min Scan# 402

Delta R.T. -0.01 min

Lab File: VW002400.D

Acq: 11 May 2018 01:14

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBSD03

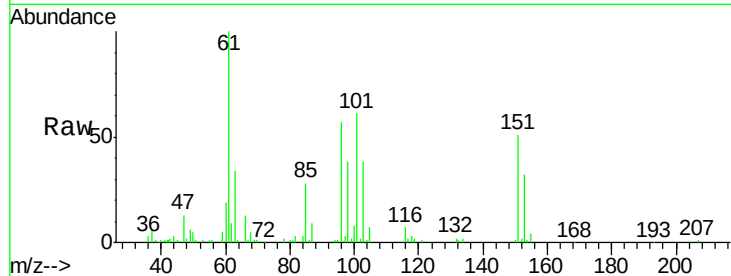
Tot Ion:101 Resp: 38301

Ion Ratio Lower Upper

101 100

85 43.7 35.9 53.9

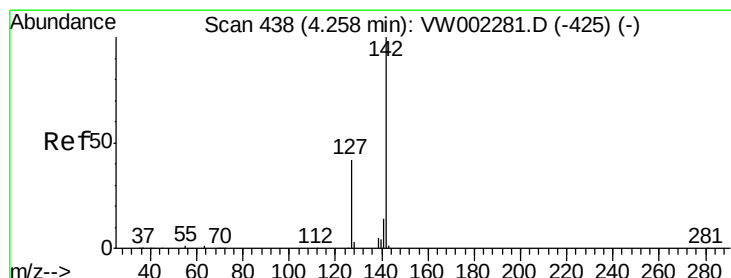
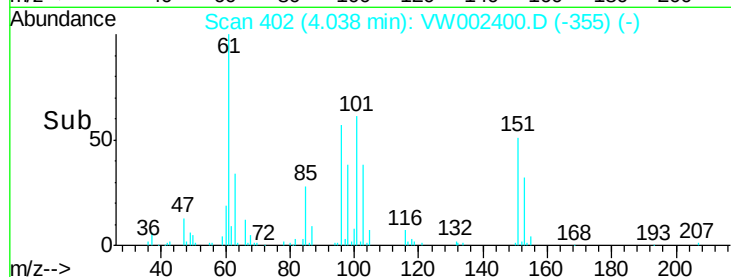
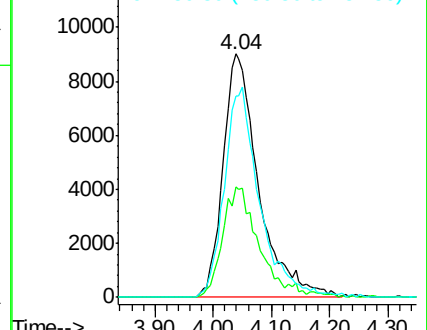
151 85.2 65.4 98.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.88 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.01 min

Lab File: VW002400.D

Acq: 11 May 2018 01:14

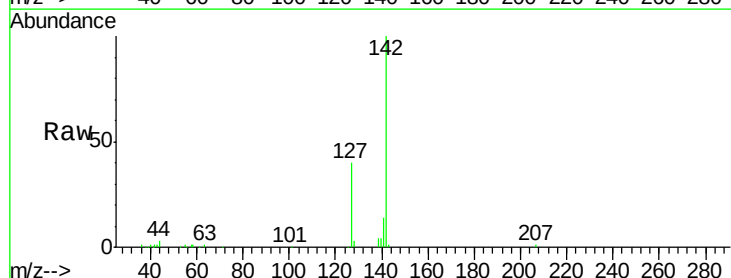
Tgt Ion:142 Resp: 61999

Ion Ratio Lower Upper

142 100

127 44.5 34.7 52.1

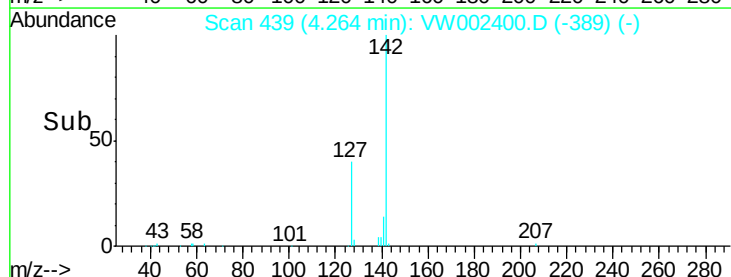
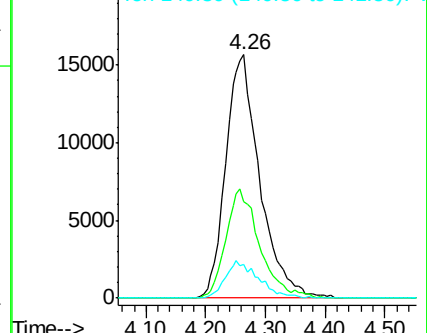
141 14.9 11.9 17.9

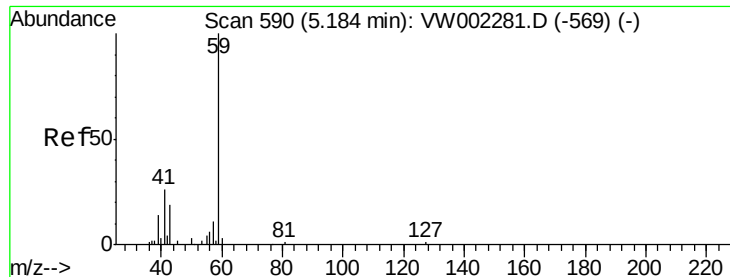


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



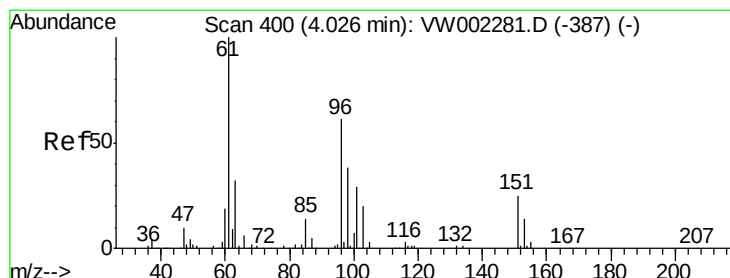
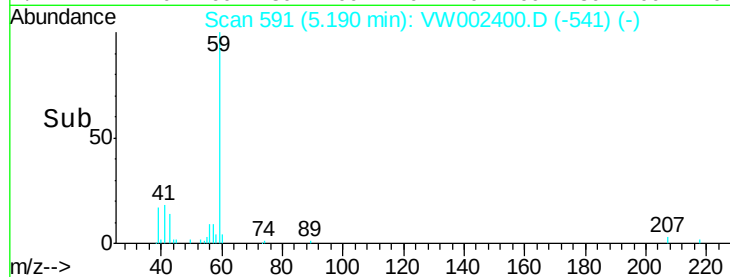
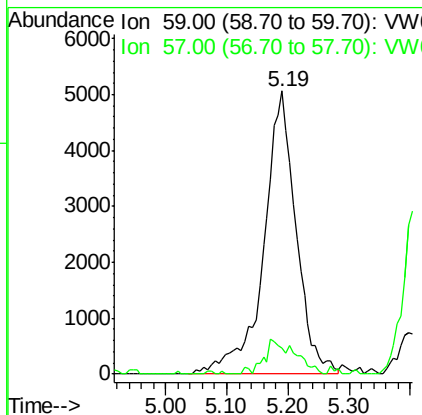
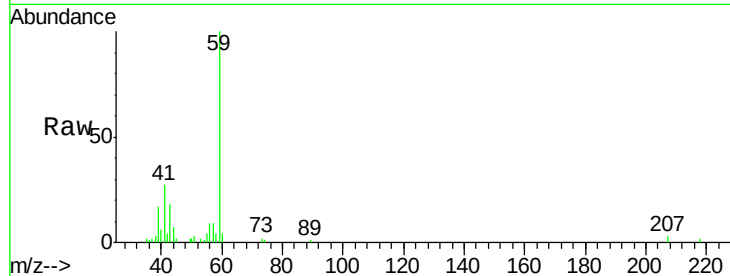


#11

Tert butyl alcohol
 Concen: 114.21 ug/l
 RT: 5.19 min Scan# 591
 Delta R.T. 0.01 min
 Lab File: VW002400.D
 Acq: 11 May 2018 01:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBSD03

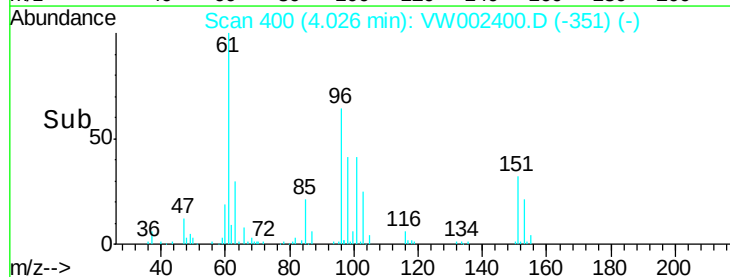
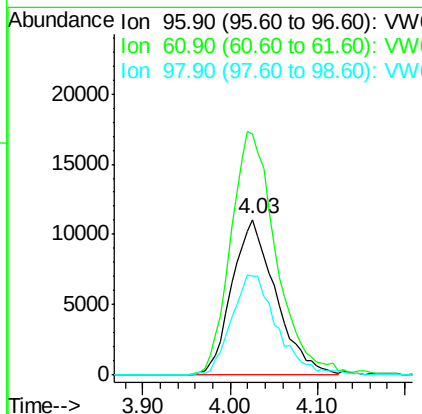
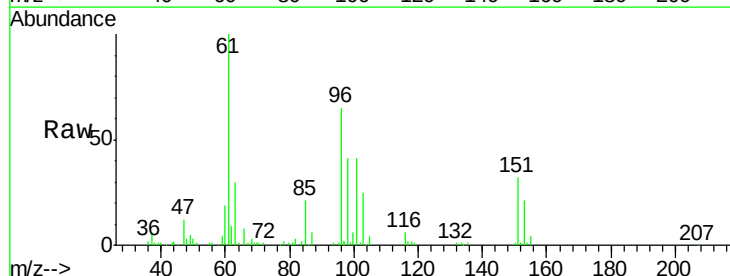
Tot Ion: 59 Resp: 18563
 Ion Ratio Lower Upper
 59 100
 57 7.3 3.9 5.9#

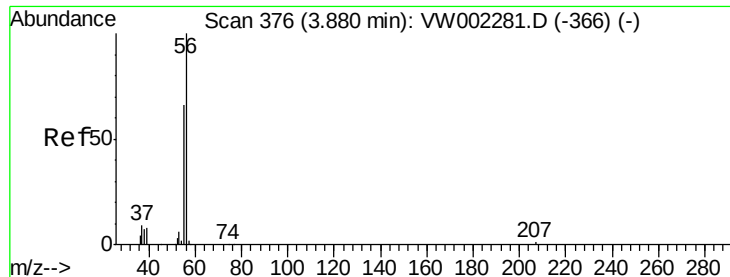


#12

1,1-Dichloroethene
 Concen: 20.26 ug/l
 RT: 4.03 min Scan# 400
 Delta R.T. -0.00 min
 Lab File: VW002400.D
 Acq: 11 May 2018 01:14

Tgt Ion: 96 Resp: 38615
 Ion Ratio Lower Upper
 96 100
 61 154.0 130.6 196.0
 98 63.3 49.0 73.4





#13

Acrolein

Concen: 87.53 ug/l

RT: 3.88 min Scan# 376

Delta R.T. -0.00 min

Lab File: VW002400.D

Acq: 11 May 2018 01:14

Instrument :

MSVOA_W

ClientSampleId :

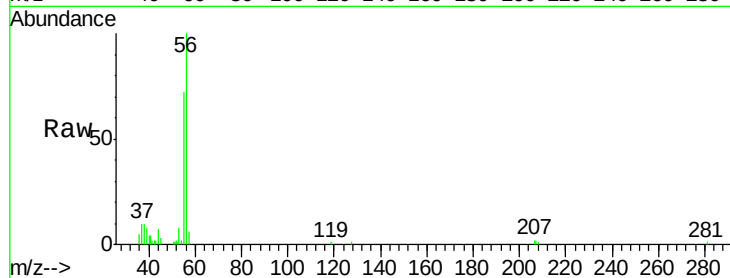
VW0510SBSD03

Tot Ion: 56 Resp: 11911

Ion Ratio Lower Upper

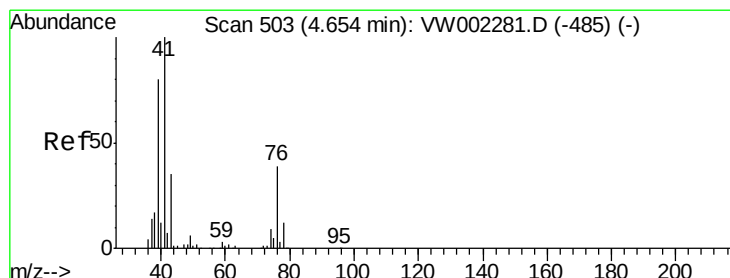
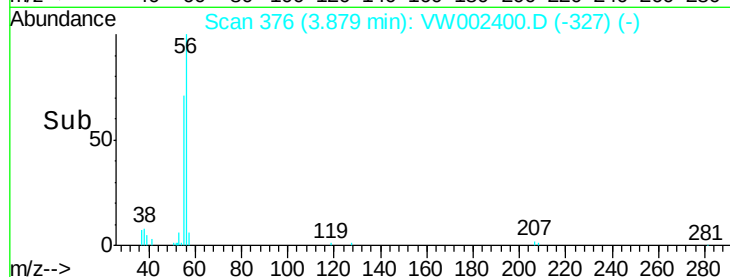
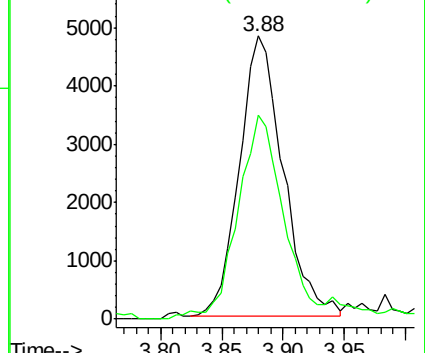
56 100

55 75.2 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 18.88 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW002400.D

Acq: 11 May 2018 01:14

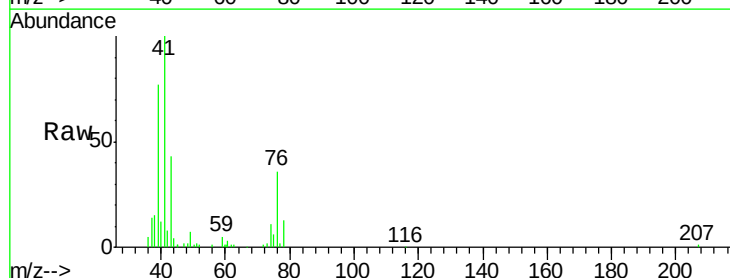
Tgt Ion: 41 Resp: 52870

Ion Ratio Lower Upper

41 100

39 73.5 61.7 92.5

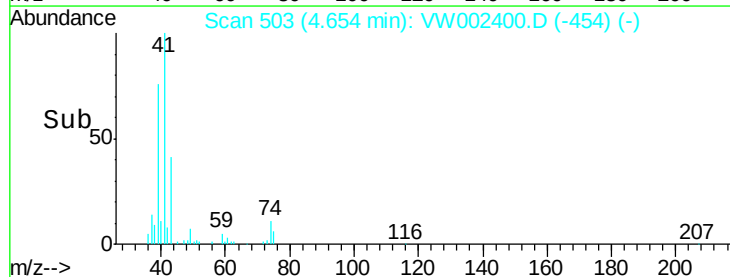
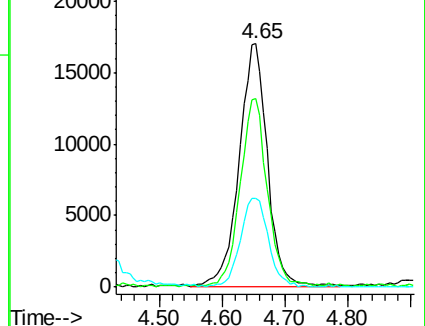
76 36.6 29.8 44.6

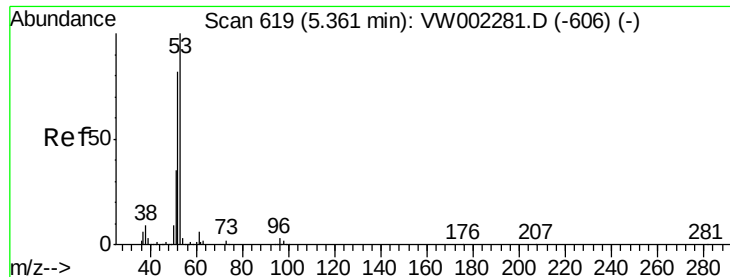


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 108.56 ug/l

RT: 5.37 min Scan# 620

Delta R.T. 0.01 min

Lab File: VW002400.D

Acq: 11 May 2018 01:14

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBSD03

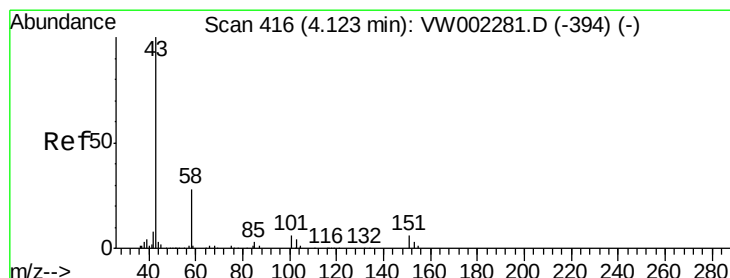
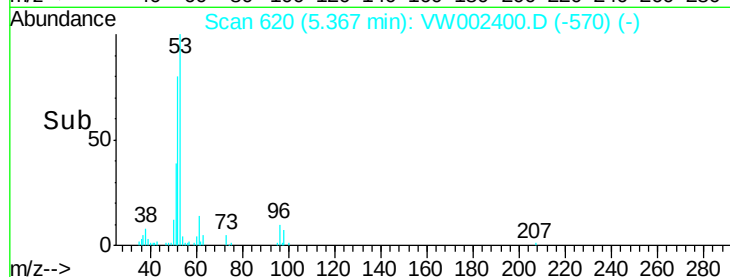
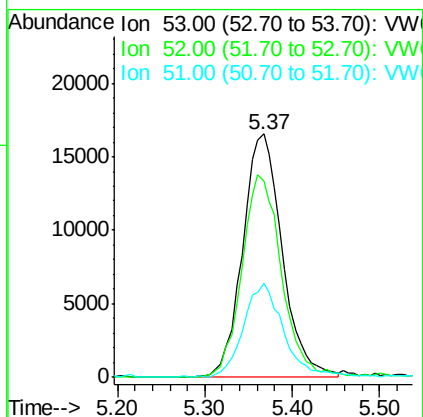
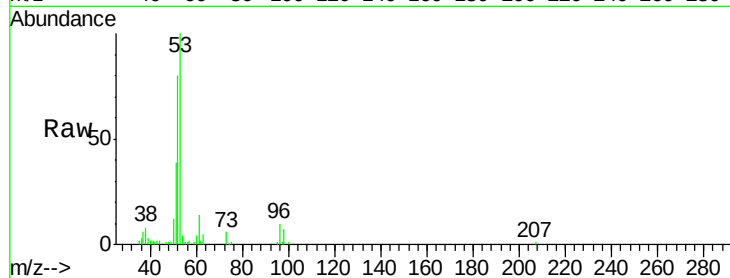
Tot Ion: 53 Resp: 51886

Ion Ratio Lower Upper

53 100

52 83.3 67.9 101.9

51 39.2 30.0 45.0



#16

Acetone

Concen: 110.87 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.01 min

Lab File: VW002400.D

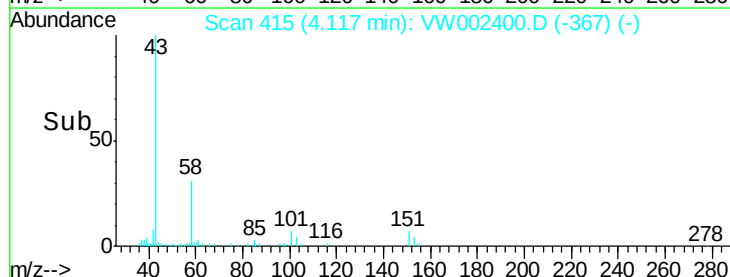
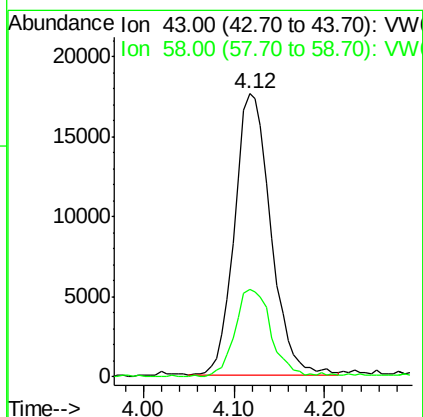
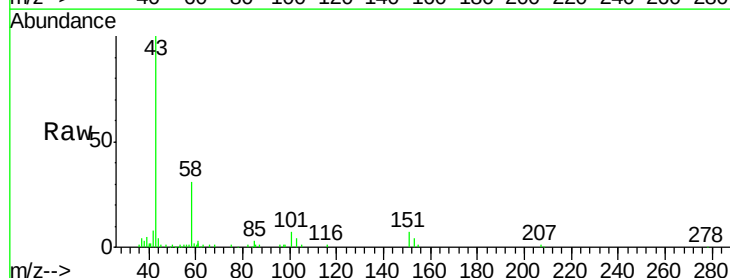
Acq: 11 May 2018 01:14

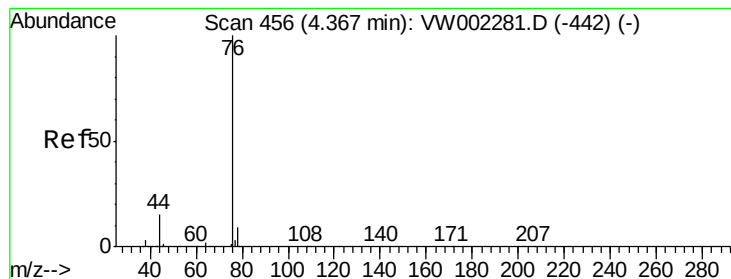
Tgt Ion: 43 Resp: 48418

Ion Ratio Lower Upper

43 100

58 31.0 22.2 33.4





#17

Carbon Disulfide

Concen: 19.16 ug/l

RT: 4.36 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW002400.D

Acq: 11 May 2018 01:14

Instrument :

MSVOA_W

ClientSampleId :

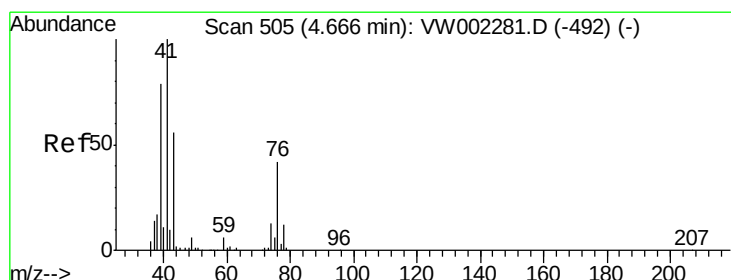
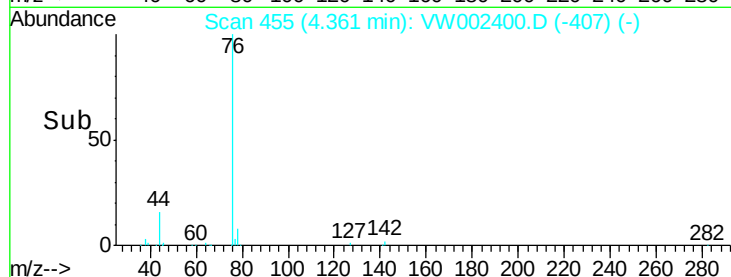
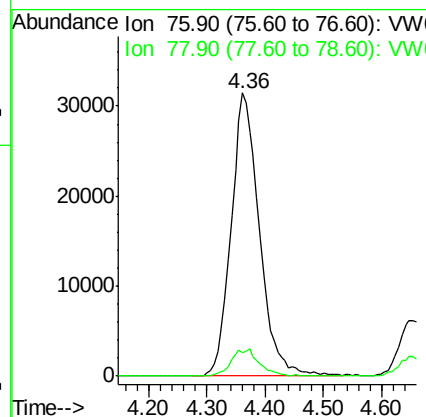
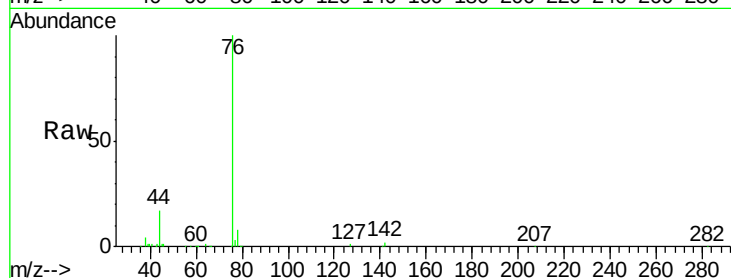
VW0510SBSD03

Tot Ion: 76 Resp: 106171

Ion Ratio Lower Upper

76 100

78 8.3 6.9 10.3



#18

Methyl Acetate

Concen: 21.12 ug/l

RT: 4.67 min Scan# 505

Delta R.T. -0.00 min

Lab File: VW002400.D

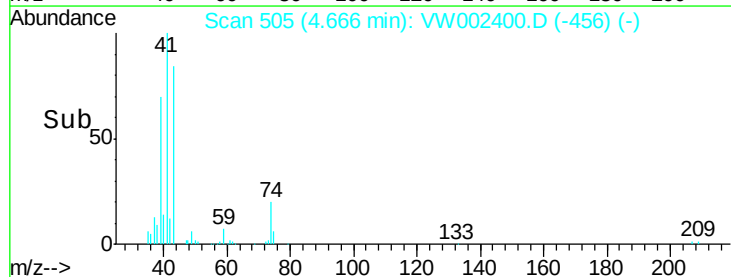
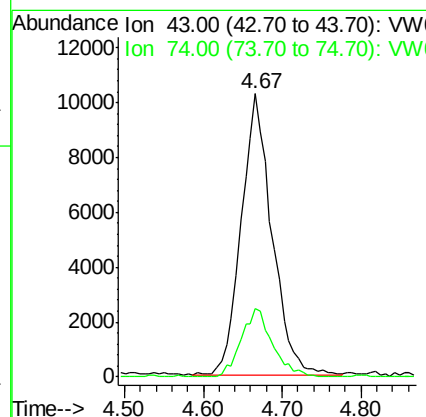
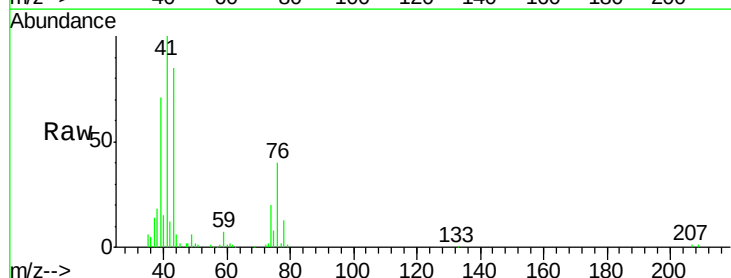
Acq: 11 May 2018 01:14

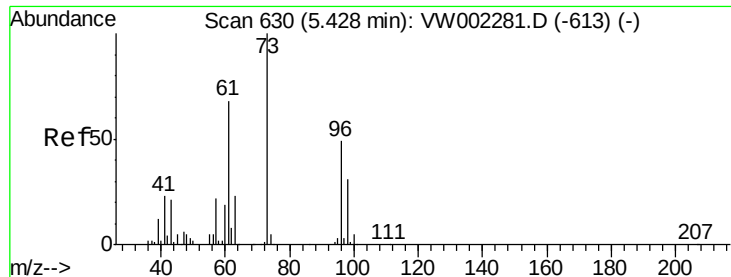
Tgt Ion: 43 Resp: 27672

Ion Ratio Lower Upper

43 100

74 24.6 19.4 29.2



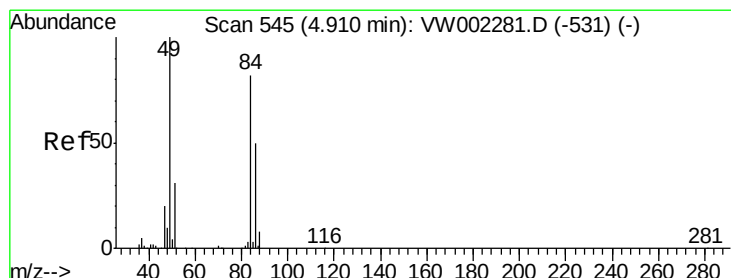
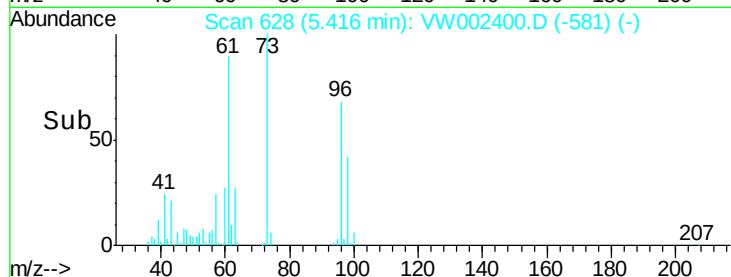
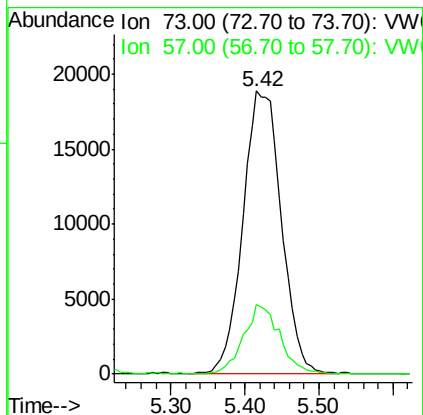
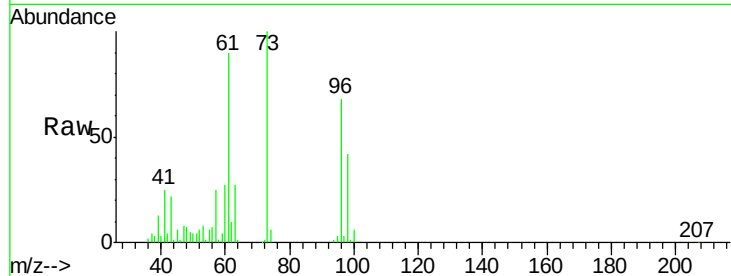


#19

Methyl tert-butyl Ether
 Concen: 20.54 ug/l
 RT: 5.42 min Scan# 628
 Delta R.T. -0.01 min
 Lab File: VW002400.D
 Acq: 11 May 2018 01:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBSD03

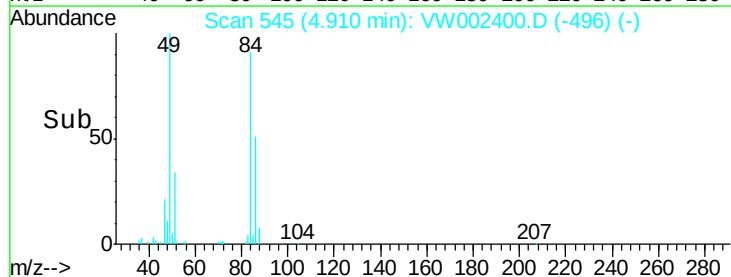
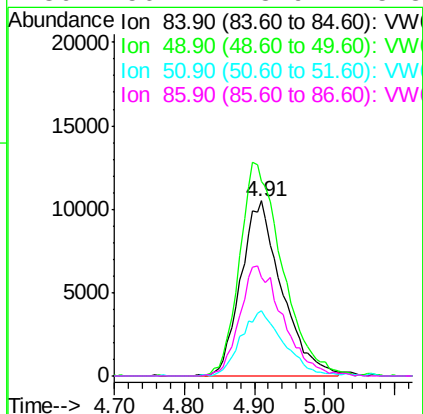
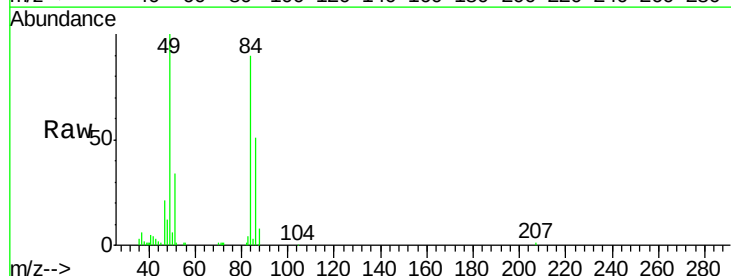
Tot Ion: 73 Resp: 68437
 Ion Ratio Lower Upper
 73 100
 57 24.6 17.7 26.5

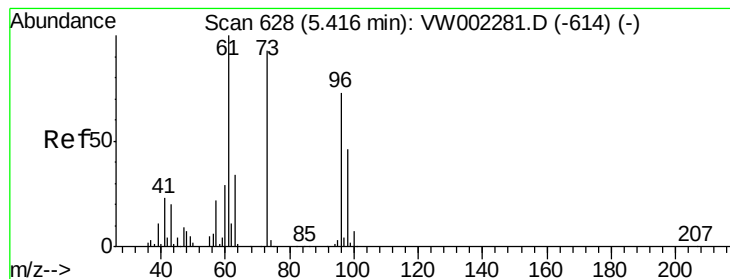


#20

Methylene Chloride
 Concen: 20.35 ug/l
 RT: 4.91 min Scan# 545
 Delta R.T. -0.00 min
 Lab File: VW002400.D
 Acq: 11 May 2018 01:14

Tgt Ion: 84 Resp: 42848
 Ion Ratio Lower Upper
 84 100
 49 111.4 97.7 146.5
 51 37.4 30.2 45.4
 86 56.4 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 20.73 ug/l

RT: 5.40 min Scan# 626

Delta R.T. -0.01 min

Lab File: VW002400.D

Acq: 11 May 2018 01:14

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBSD03

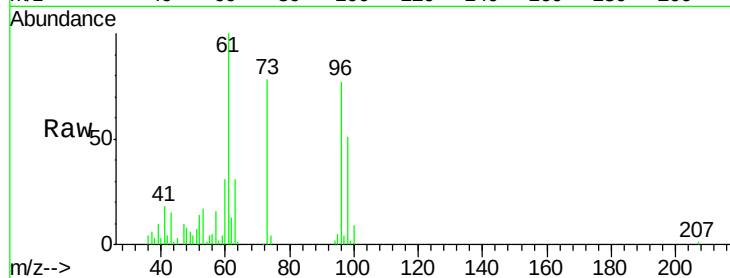
Tot Ion: 96 Resp: 42648

Ion Ratio Lower Upper

96 100

61 130.1 109.5 164.3

98 66.4 50.2 75.4

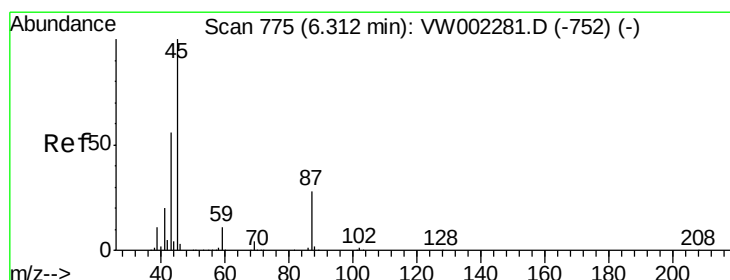
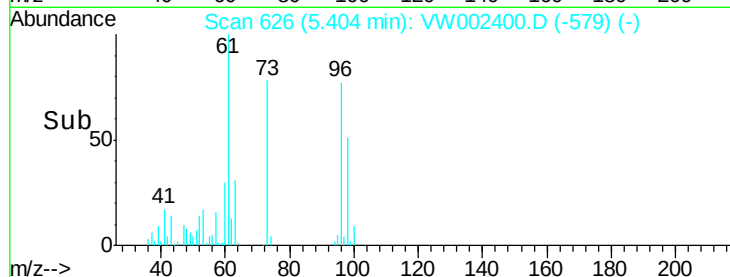
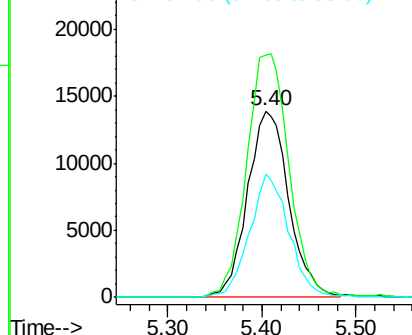


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 20.26 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW002400.D

Acq: 11 May 2018 01:14

Tgt Ion: 45 Resp: 124361

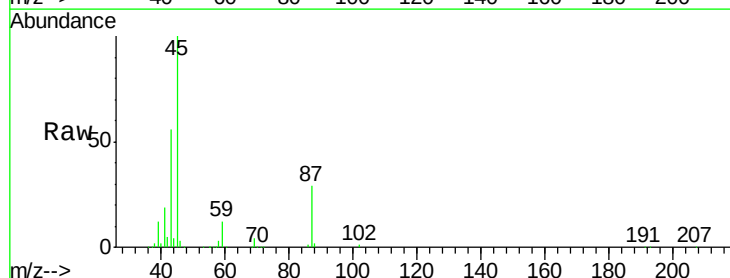
Ion Ratio Lower Upper

45 100

43 55.4 44.5 66.7

87 28.7 22.2 33.4

59 12.0 8.9 13.3



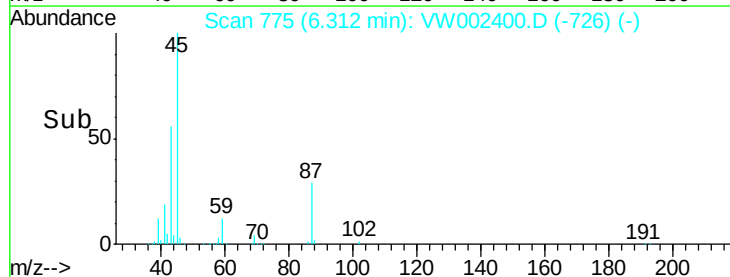
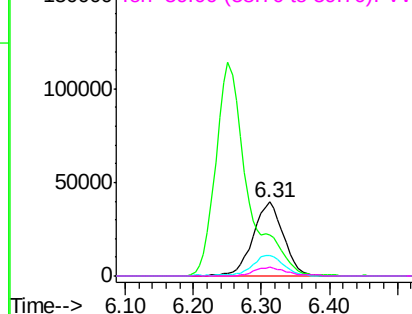
Abundance

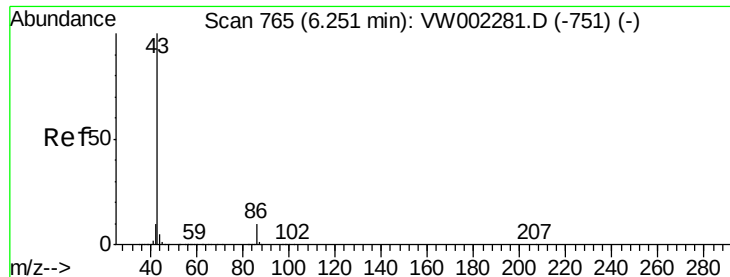
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 101.32 ug/l

RT: 6.25 min Scan# 765

Delta R.T. -0.00 min

Lab File: VW002400.D

Acq: 11 May 2018 01:14

Instrument :

MSVOA_W

ClientSampleId :

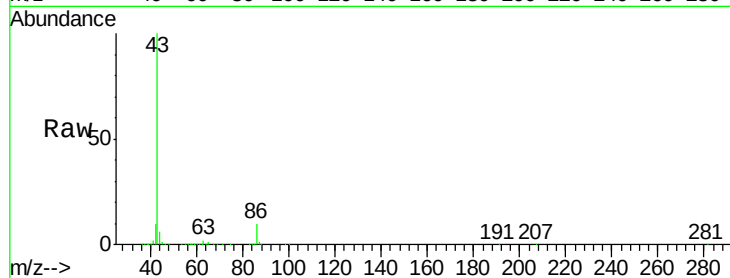
VW0510SBSD03

Tot Ion: 43 Resp: 372529

Ion Ratio Lower Upper

43 100

86 10.1 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

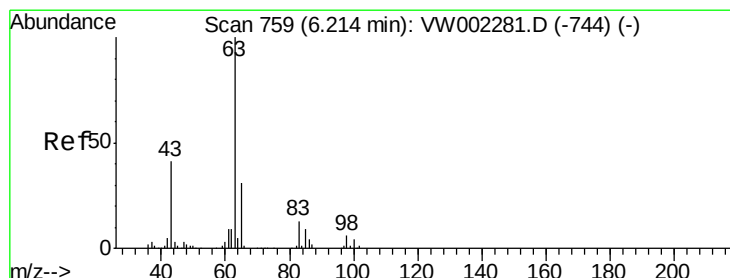
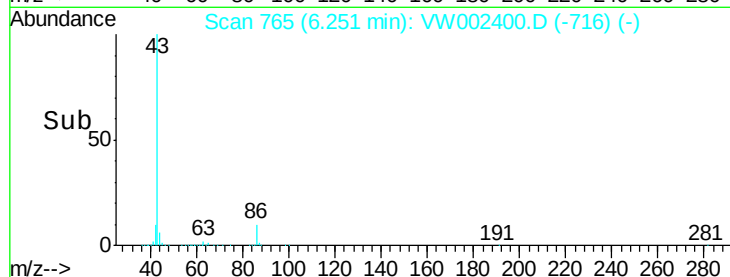
100000

50000

0

Time-->

6.10 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 20.75 ug/l

RT: 6.20 min Scan# 757

Delta R.T. -0.01 min

Lab File: VW002400.D

Acq: 11 May 2018 01:14

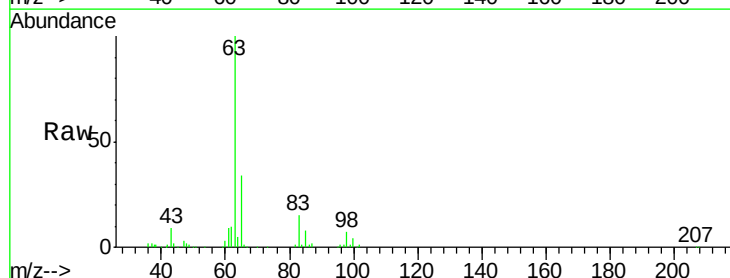
Tgt Ion: 63 Resp: 77261

Ion Ratio Lower Upper

63 100

98 6.5 2.9 8.7

100 4.0 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.20

30000

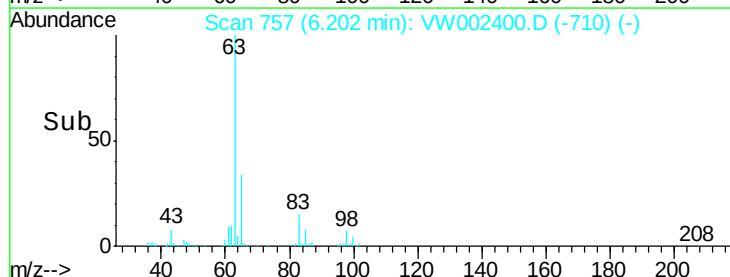
20000

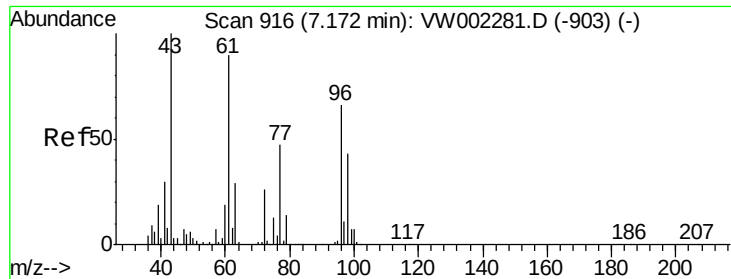
10000

0

Time-->

6.10 6.20 6.30





#25

2-Butanone

Concen: 109.93 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW002400.D

Acq: 11 May 2018 01:14

Instrument :

MSVOA_W

ClientSampleId :

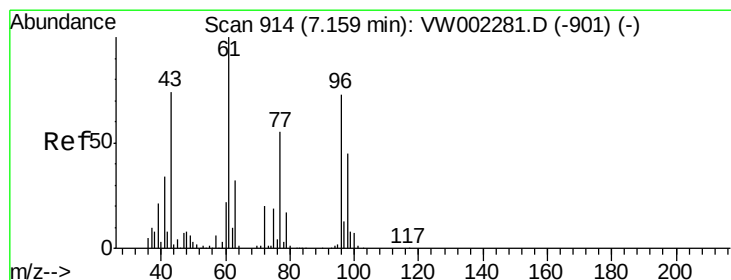
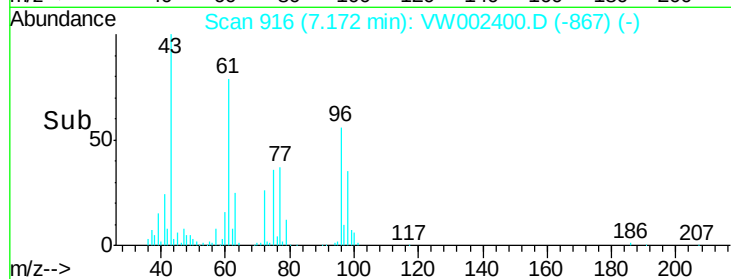
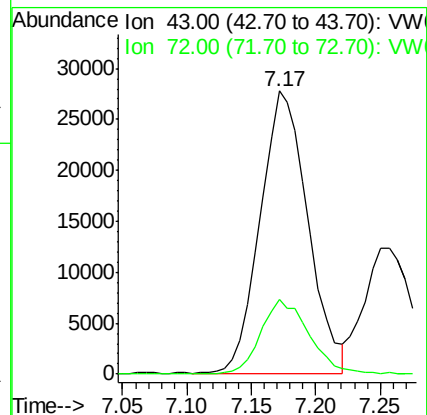
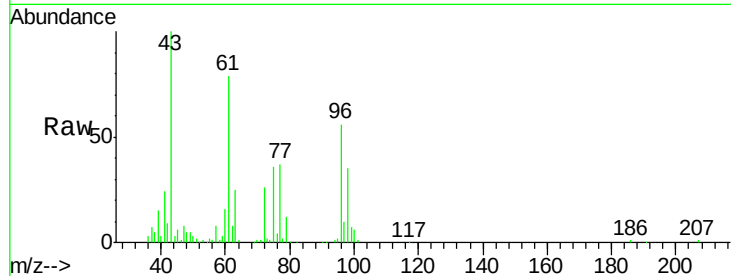
VW0510SBSD03

Tot Ion: 43 Resp: 71285

Ion Ratio Lower Upper

43 100

72 26.4 20.6 31.0



#26

2,2-Dichloropropane

Concen: 19.22 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.01 min

Lab File: VW002400.D

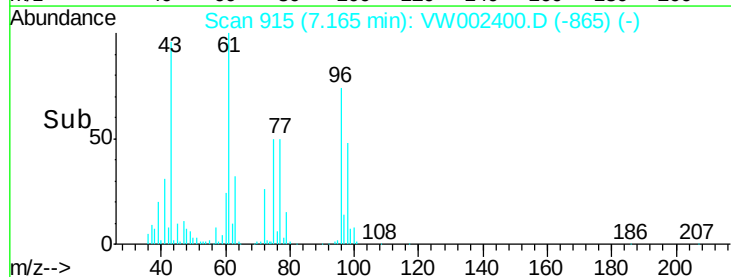
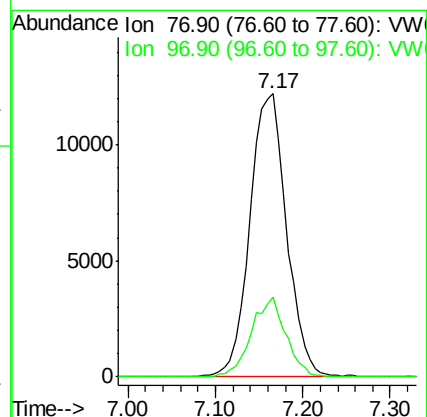
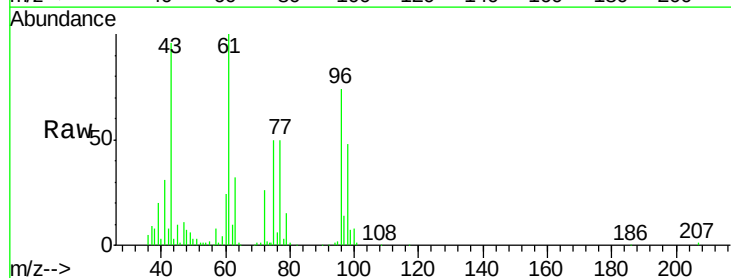
Acq: 11 May 2018 01:14

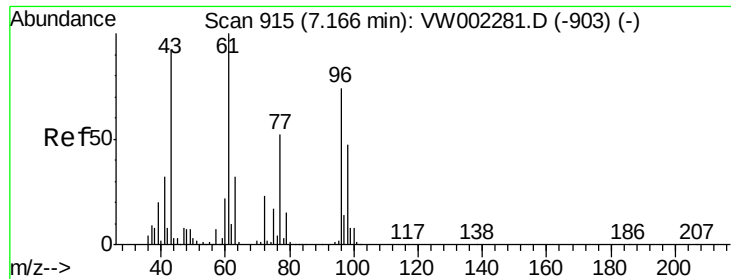
Tgt Ion: 77 Resp: 35655

Ion Ratio Lower Upper

77 100

97 26.4 12.7 38.0

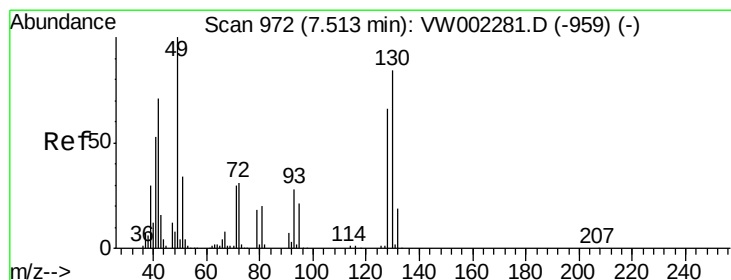
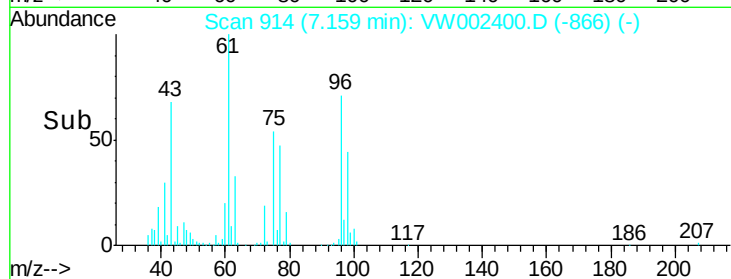
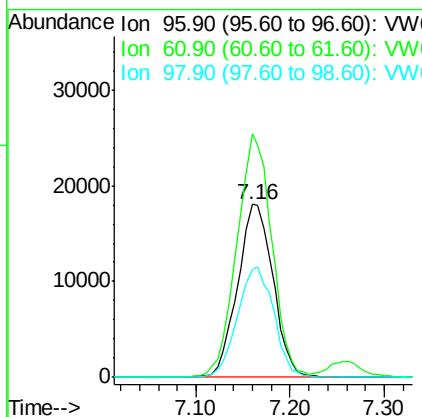
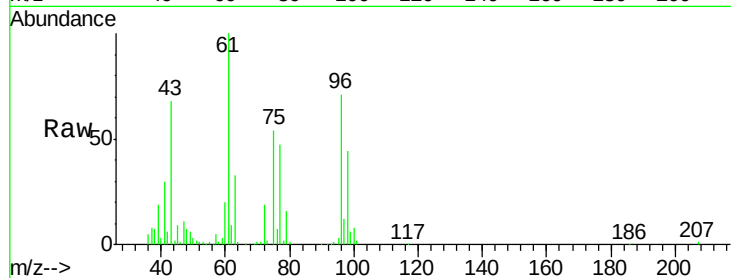




#27
 cis-1,2-Dichloroethene
 Concen: 20.38 ug/l
 RT: 7.16 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: VW002400.D
 Acq: 11 May 2018 01:14

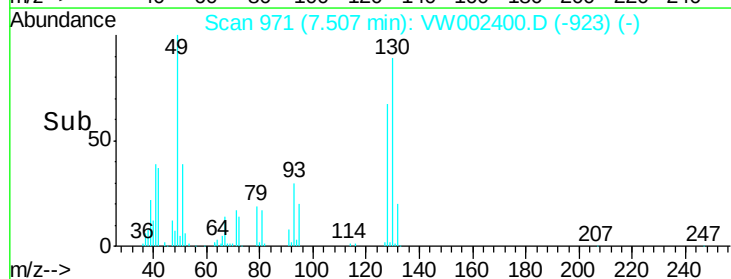
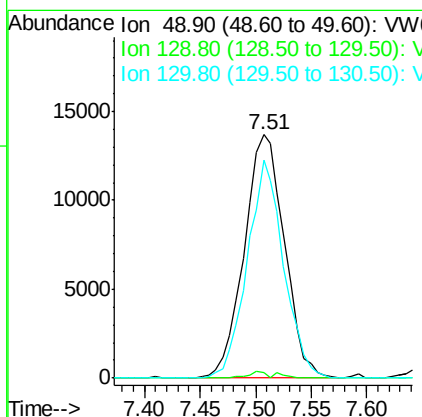
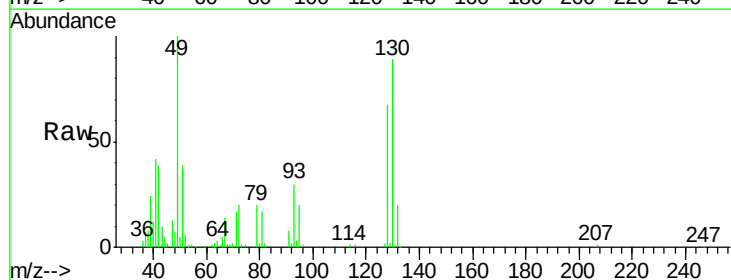
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBSD03

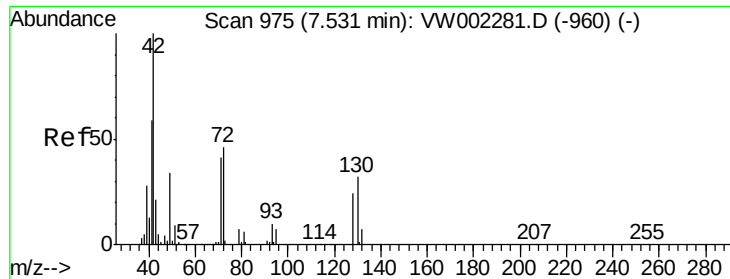
Tot Ion: 96 Resp: 47268
 Ion Ratio Lower Upper
 96 100
 61 138.8 0.0 274.8
 98 65.1 0.0 128.4



#28
 Bromochloromethane
 Concen: 20.47 ug/l
 RT: 7.51 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: VW002400.D
 Acq: 11 May 2018 01:14

Tgt Ion: 49 Resp: 34470
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 2.4
 130 81.1 65.5 98.3

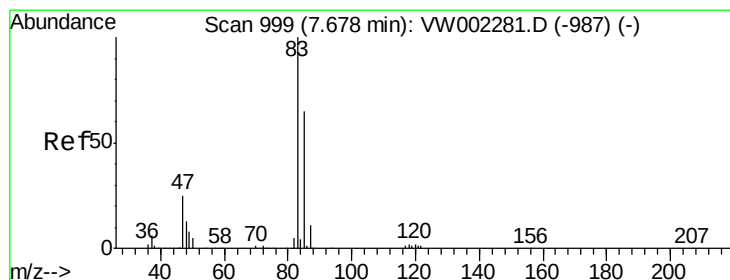
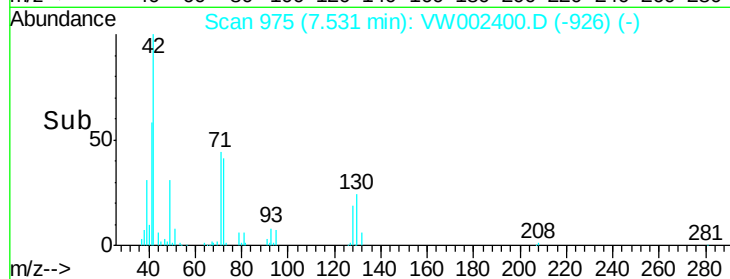
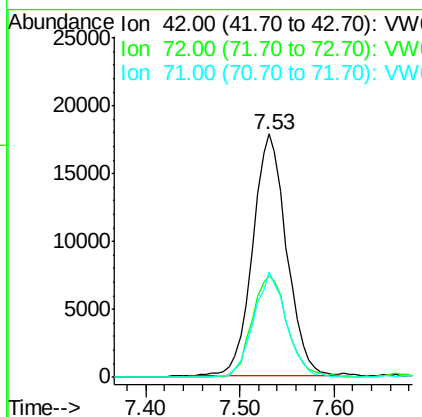
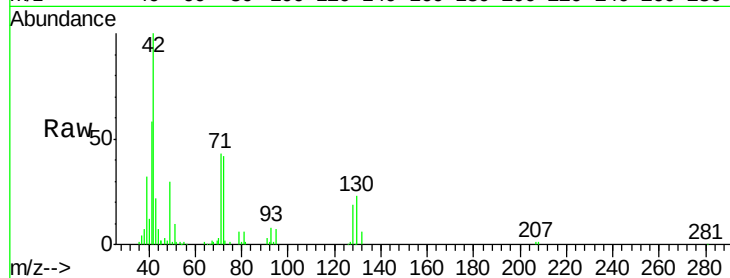




#29
Tetrahydrofuran
Concen: 105.97 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.00 min
Lab File: VW002400.D
Acq: 11 May 2018 01:14

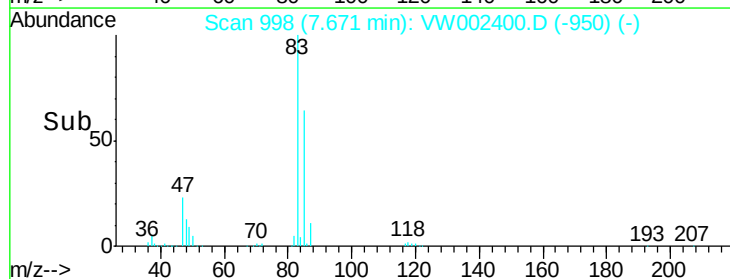
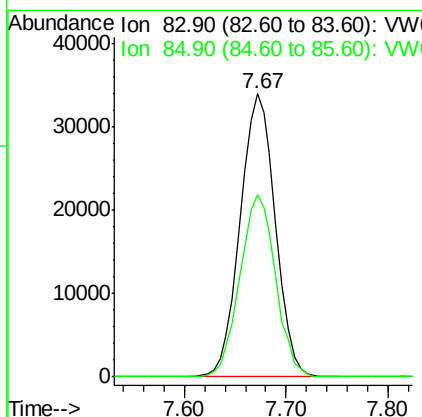
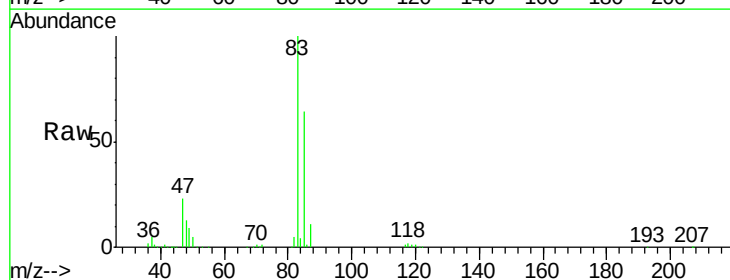
Instrument :
MSVOA_W
ClientSampleId :
VW0510SBSD03

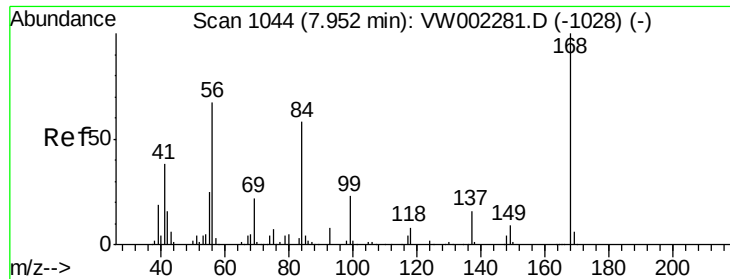
Tot Ion	Ratio	Lower	Upper
42	100		
72	44.0	34.5	51.7
71	42.3	33.0	49.6



#30
Chloroform
Concen: 20.76 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.01 min
Lab File: VW002400.D
Acq: 11 May 2018 01:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.8	77.6

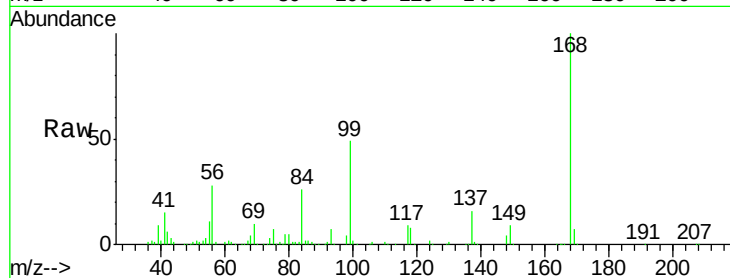




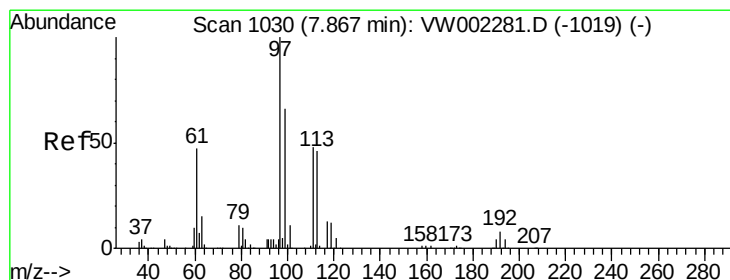
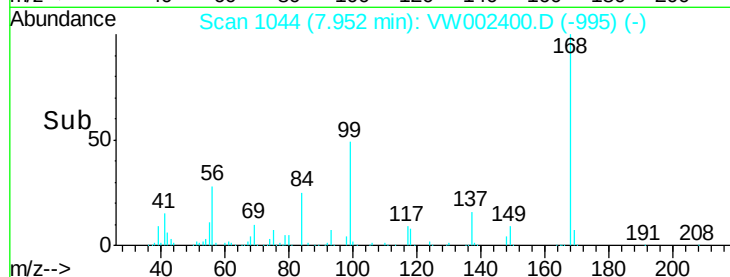
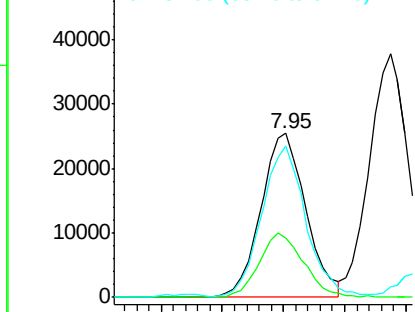
#31
Cyclohexane
Concen: 19.57 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW002400.D
Acq: 11 May 2018 01:14

Instrument :
MSVOA_W
ClientSampleId :
VW0510SBSD03

Tot Ion: 56 Resp: 65027
Ion Ratio Lower Upper
56 100
69 36.0 26.2 39.4
84 90.2 69.2 103.8

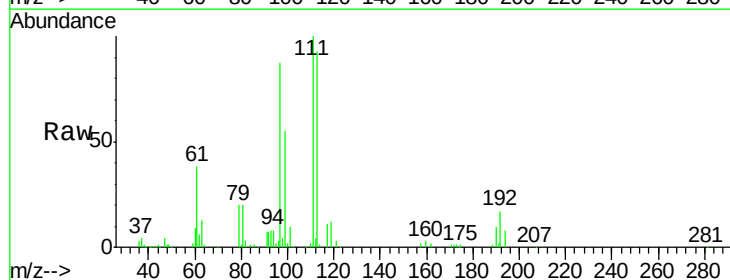


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

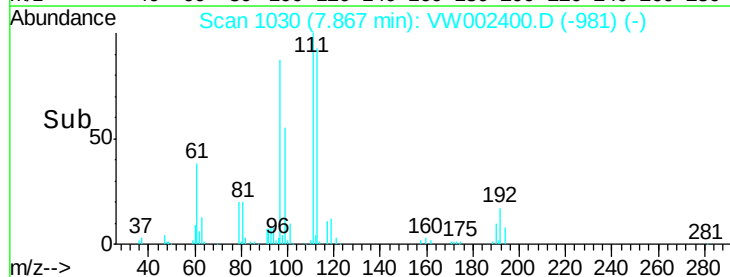
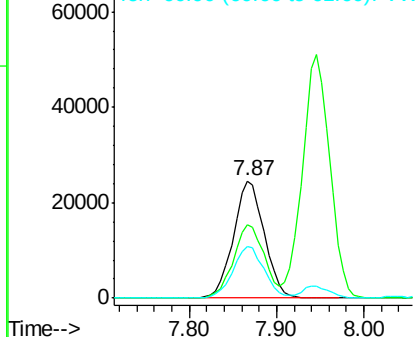


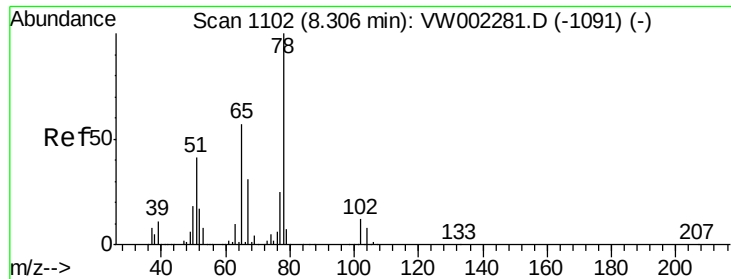
#32
1,1,1-Trichloroethane
Concen: 20.58 ug/l
RT: 7.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VW002400.D
Acq: 11 May 2018 01:14

Tgt Ion: 97 Resp: 60278
Ion Ratio Lower Upper
97 100
99 63.0 52.6 79.0
61 44.4 35.6 53.4



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

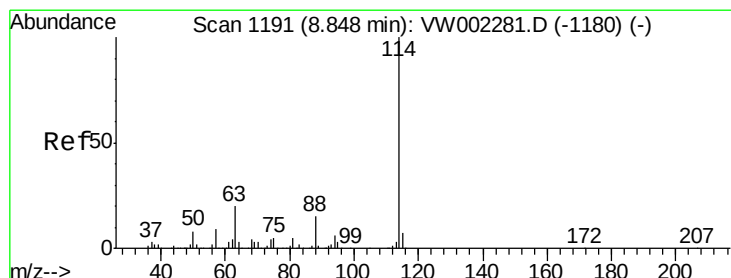
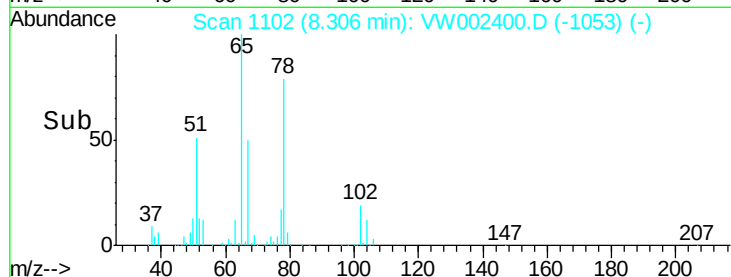
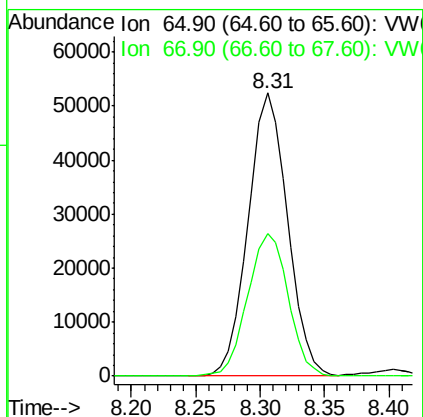
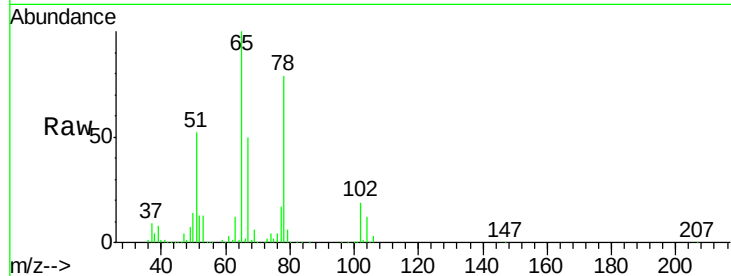




#33
 1,2-Dichloroethane-d4
 Concen: 49.66 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW002400.D
 Acq: 11 May 2018 01:14

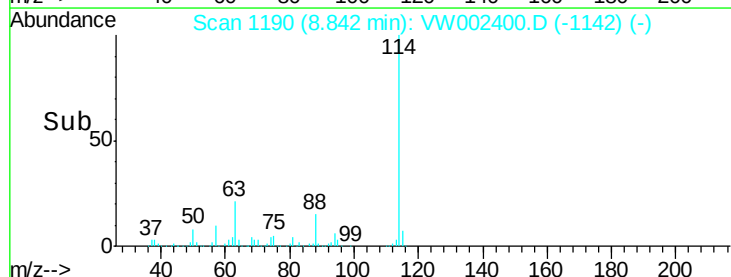
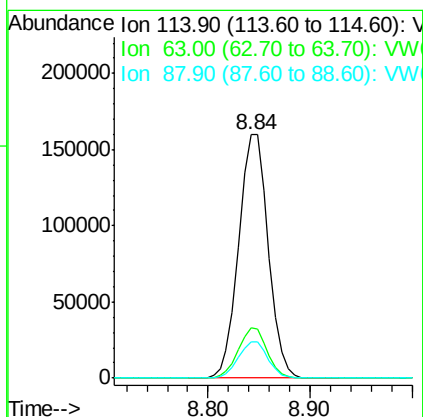
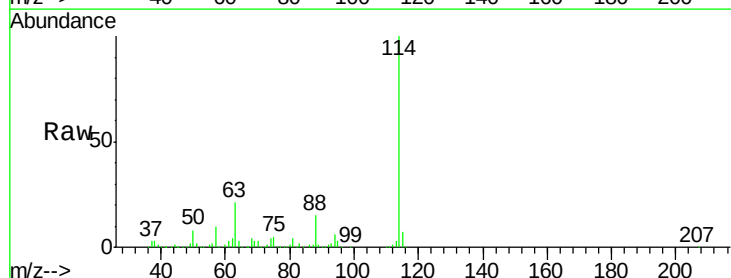
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBSD03

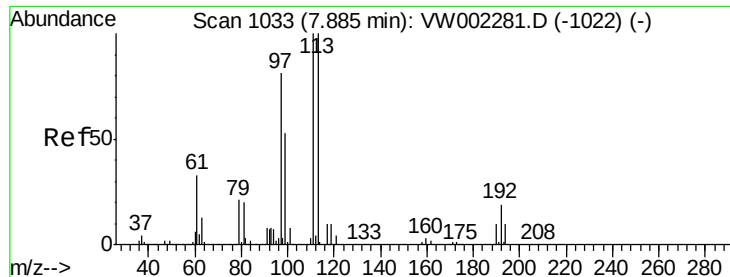
Tot Ion: 65 Resp: 111039
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW002400.D
 Acq: 11 May 2018 01:14

Tgt Ion: 114 Resp: 320061
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.0
 88 14.8 0.0 29.6

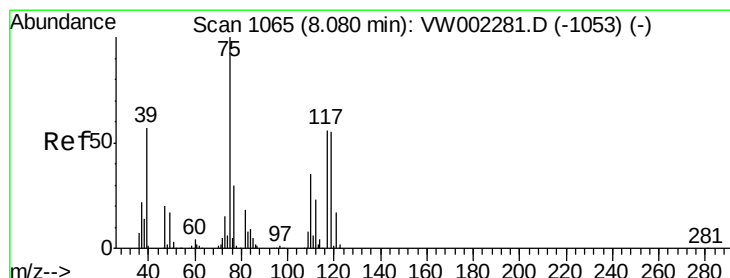
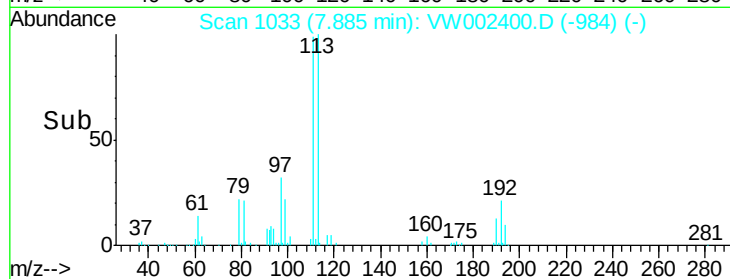
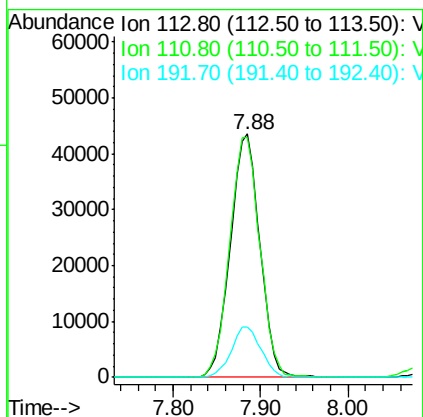
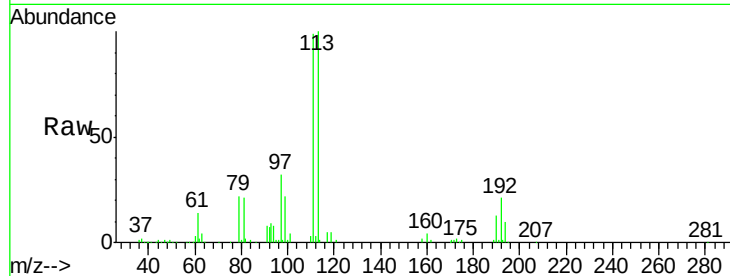




#35
 Dibromofluoromethane
 Concen: 49.80 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002400.D
 Acq: 11 May 2018 01:14

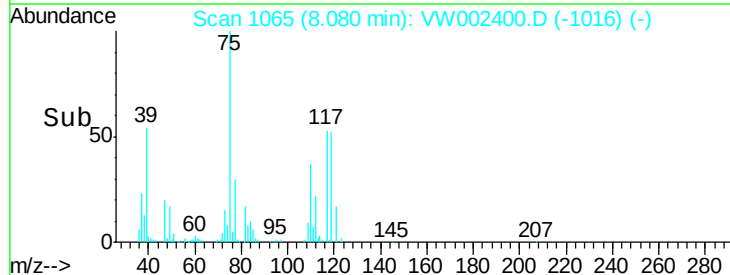
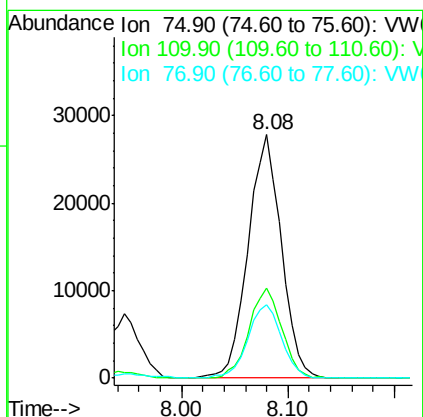
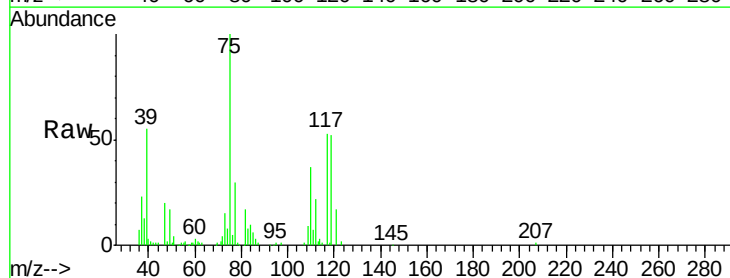
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBSD03

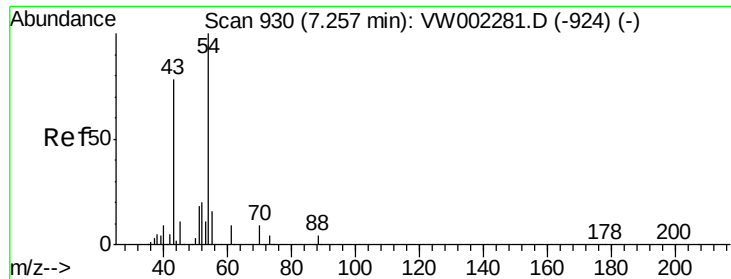
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.5	122.3
192	21.1	16.4	24.6



#36
 1,1-Dichloropropene
 Concen: 21.08 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW002400.D
 Acq: 11 May 2018 01:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	18.1	54.1
77	30.7	24.5	36.7

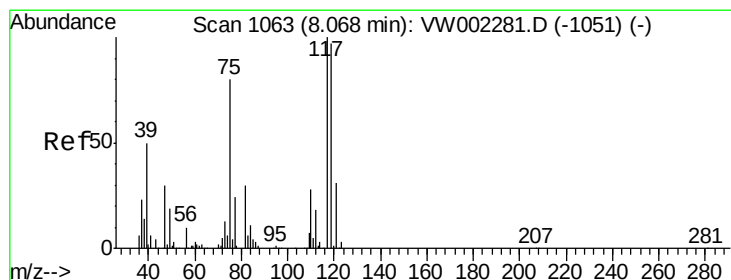
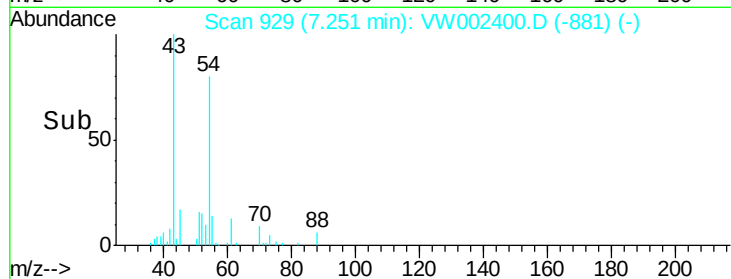
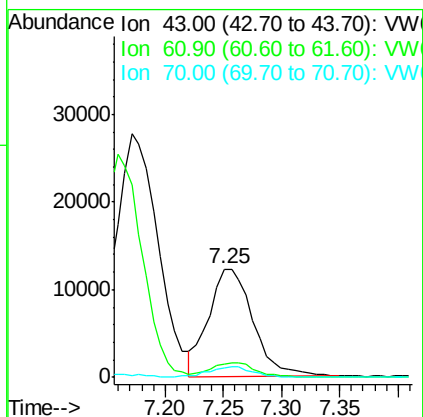
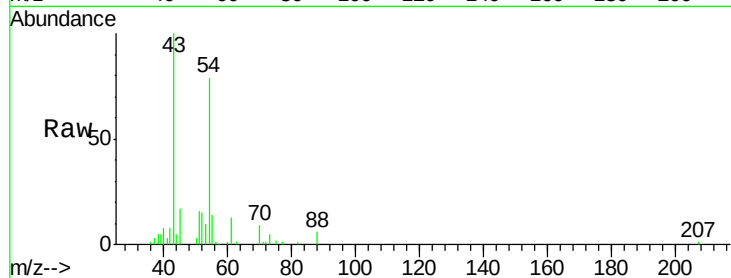




#37
Ethyl Acetate
Concen: 23.03 ug/l
RT: 7.25 min Scan# 929
Delta R.T. -0.01 min
Lab File: VW002400.D
Acq: 11 May 2018 01:14

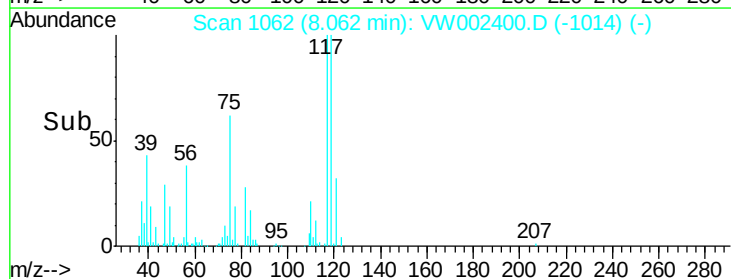
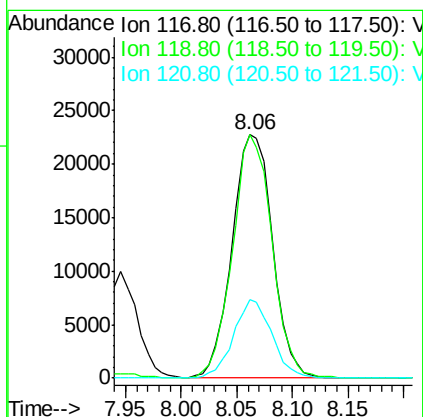
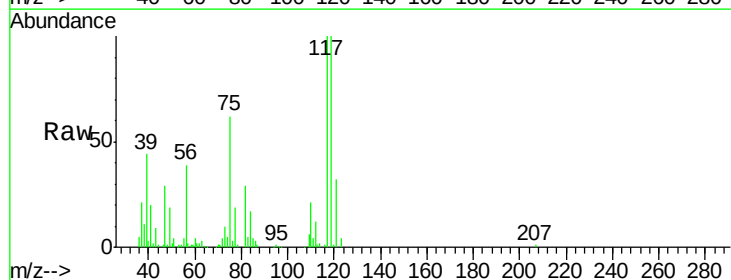
Instrument :
MSVOA_W
ClientSampled :
VW0510SBS03

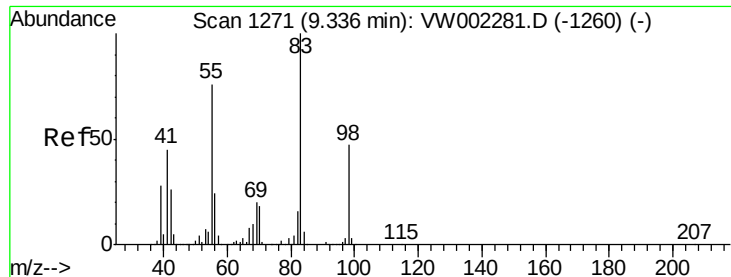
Tot Ion: 43 Resp: 32491
Ion Ratio Lower Upper
43 100
61 13.8 11.1 16.7
70 9.8 7.9 11.9



#38
Carbon Tetrachloride
Concen: 20.55 ug/l
RT: 8.06 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VW002400.D
Acq: 11 May 2018 01:14

Tgt Ion: 117 Resp: 57512
Ion Ratio Lower Upper
117 100
119 99.8 77.5 116.3
121 32.0 24.4 36.6

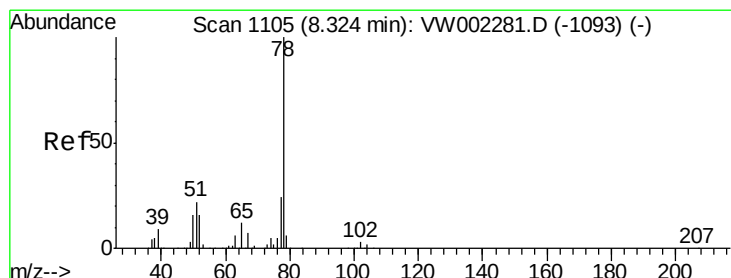
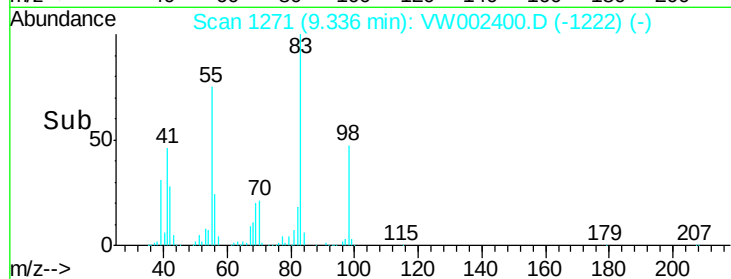
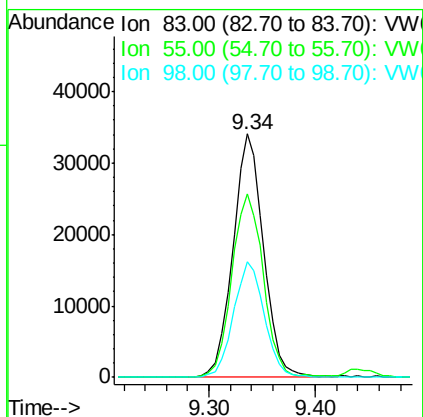
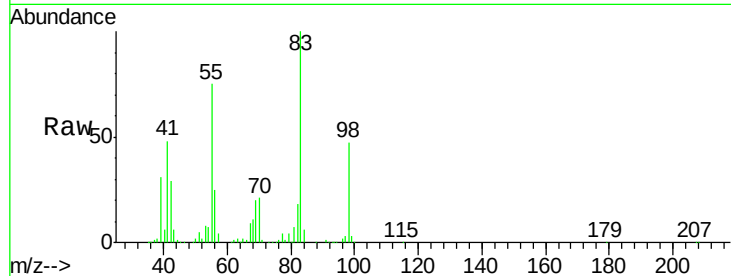




#39
Methylvlcyclohexane
Concen: 20.27 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW002400.D
Acq: 11 May 2018 01:14

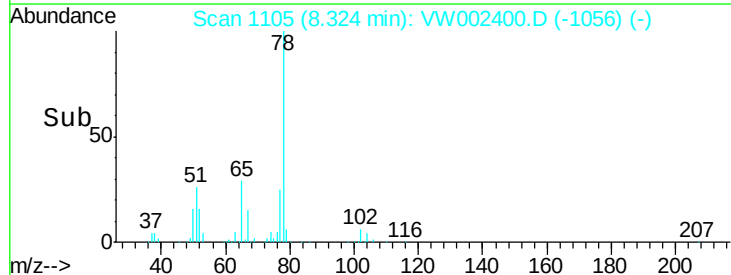
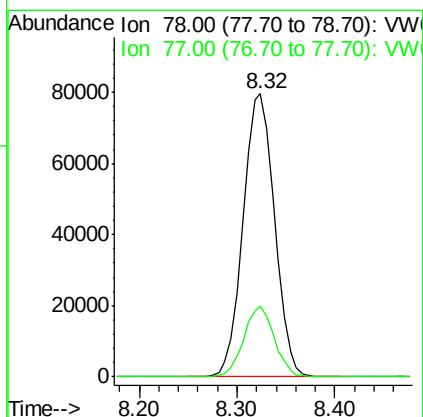
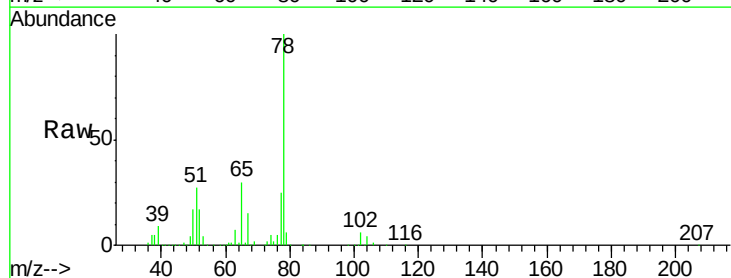
Instrument :
MSVOA_W
ClientSampleId :
VW0510SBSD03

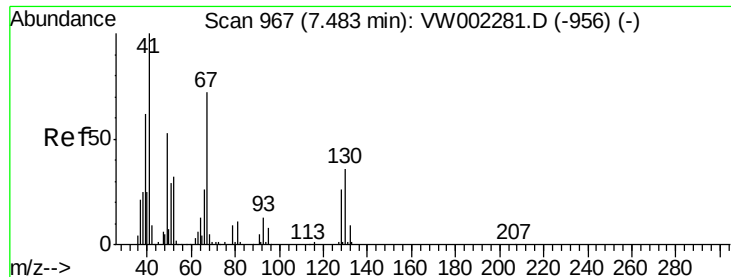
Tot Ion: 83 Resp: 68459
Ion Ratio Lower Upper
83 100
55 75.4 60.6 91.0
98 47.3 37.4 56.0



#40
Benzene
Concen: 20.95 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW002400.D
Acq: 11 May 2018 01:14

Tgt Ion: 78 Resp: 177236
Ion Ratio Lower Upper
78 100
77 25.0 19.3 28.9

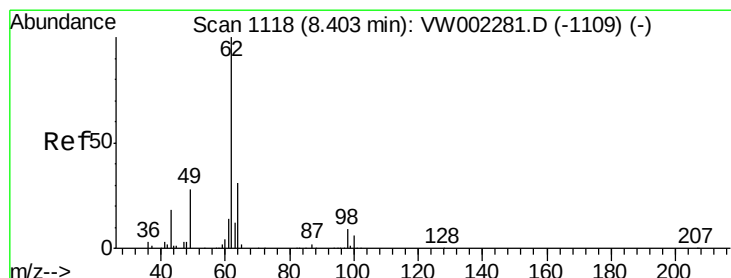
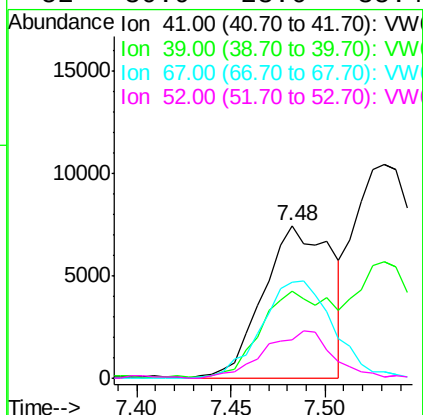
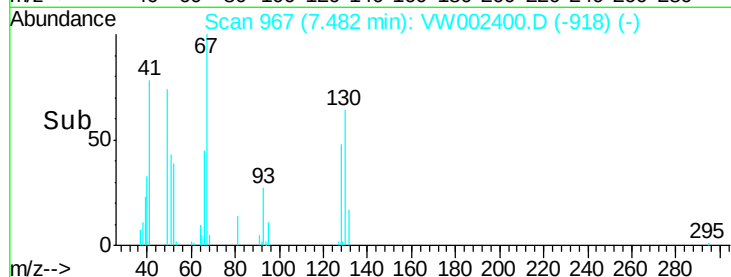
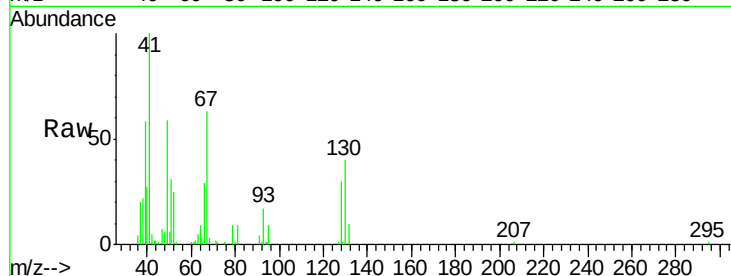




#41
Methacrylonitrile
Concen: 23.31 ug/l
RT: 7.48 min Scan# 967
Delta R.T. -0.00 min
Lab File: VW002400.D
Acq: 11 May 2018 01:14

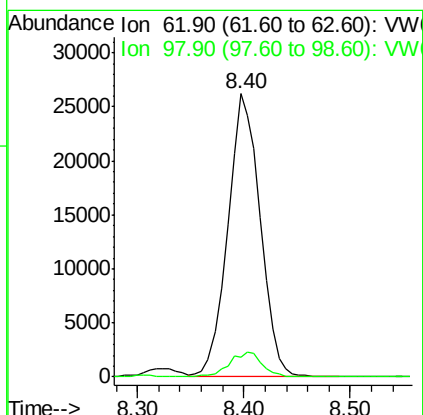
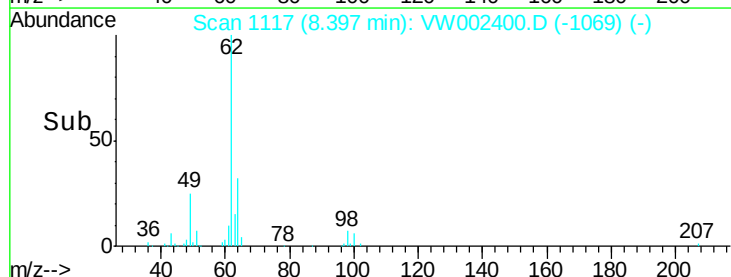
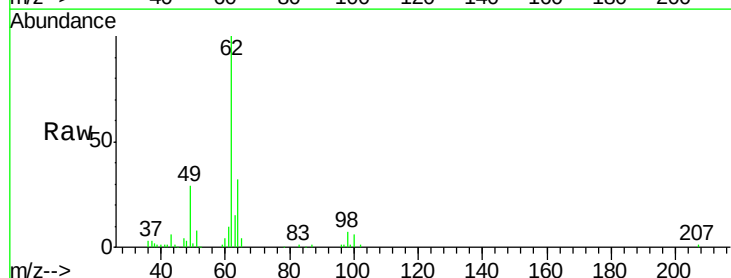
Instrument :
MSVOA_W
ClientSampleId :
VW0510SBSD03

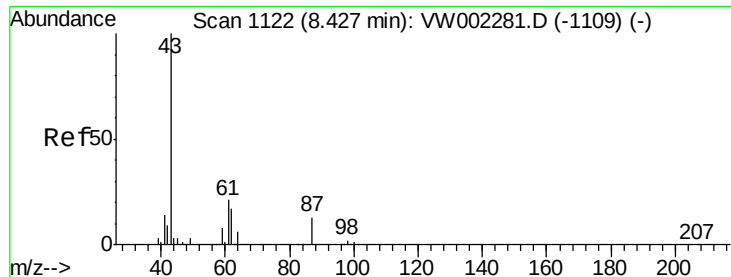
Tot Ion:	41	Resp:	18841
Ion	Ratio	Lower	Upper
41	100		
39	57.8	40.2	60.4
67	66.7	54.7	82.1
52	30.9	23.6	35.4



#42
1,2-Dichloroethane
Concen: 21.16 ug/l
RT: 8.40 min Scan# 1117
Delta R.T. -0.01 min
Lab File: VW002400.D
Acq: 11 May 2018 01:14

Tgt Ion:	62	Resp:	55847
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.4





#43

Isopropyl Acetate

Concen: 21.93 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VW002400.D

Acq: 11 May 2018 01:14

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBSD03

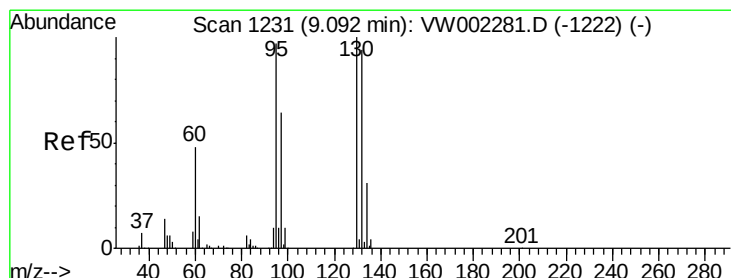
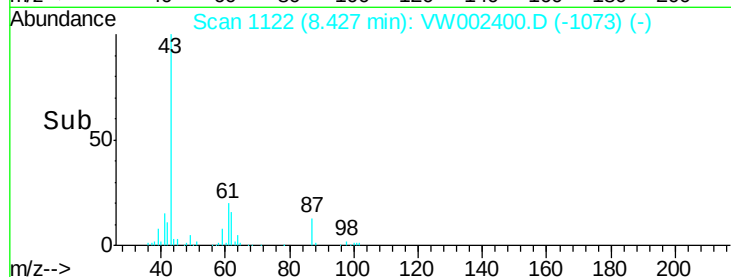
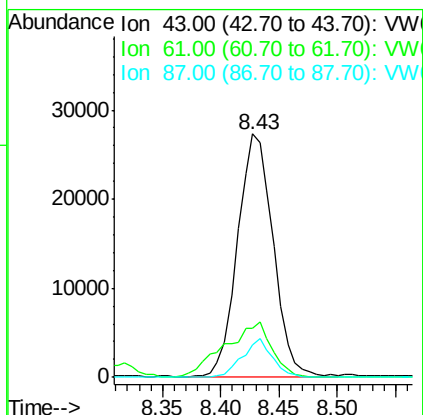
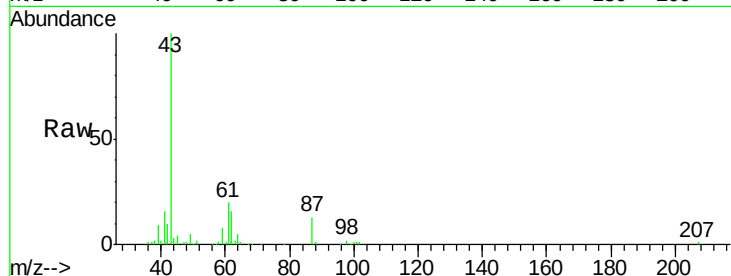
Tot Ion: 43 Resp: 58700

Ion Ratio Lower Upper

43 100

61 29.8 23.7 35.5

87 13.4 10.7 16.1



#44

Trichloroethene

Concen: 21.52 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VW002400.D

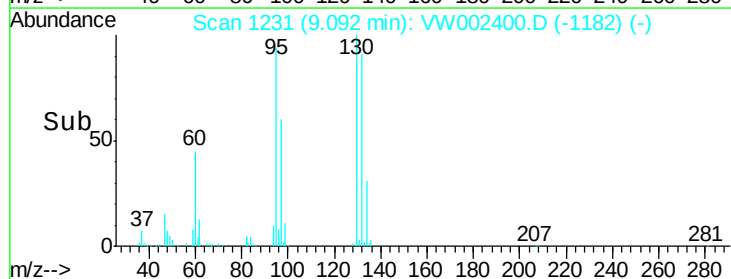
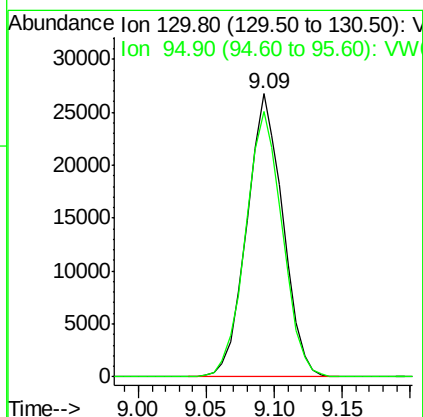
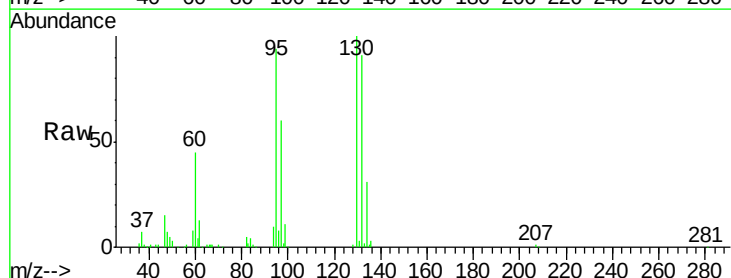
Acq: 11 May 2018 01:14

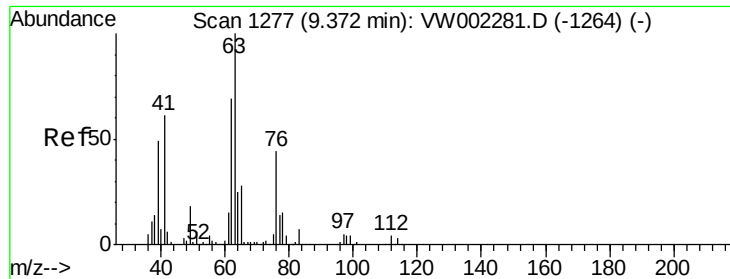
Tgt Ion:130 Resp: 49648

Ion Ratio Lower Upper

130 100

95 93.9 0.0 193.4

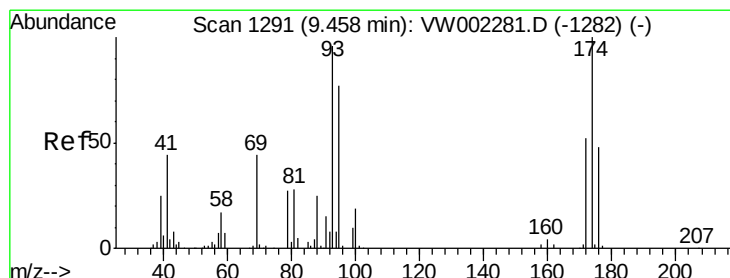
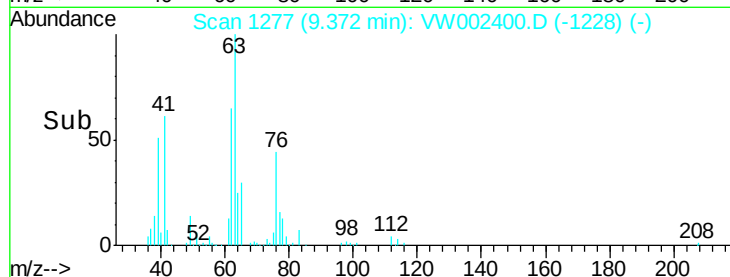
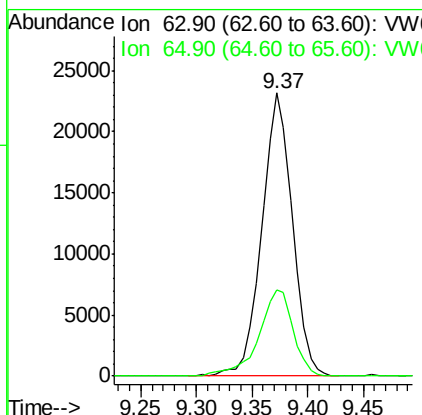
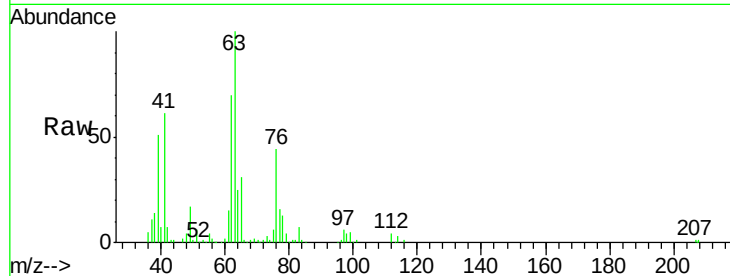




#45
 1,2-Dichloropropane
 Concen: 20.87 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW002400.D
 Acq: 11 May 2018 01:14

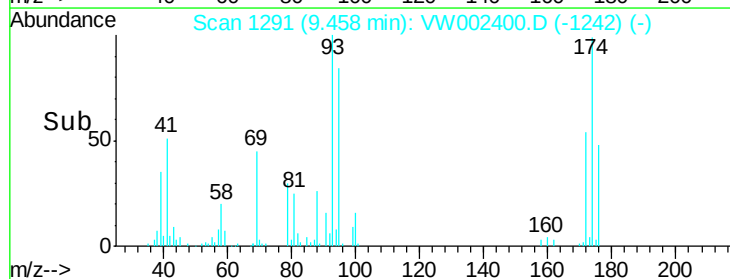
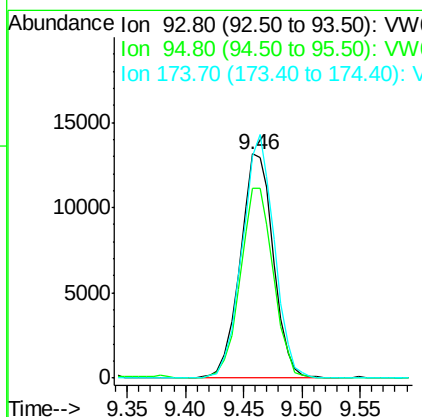
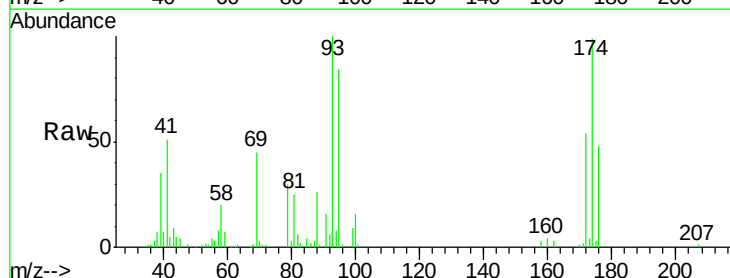
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBSD03

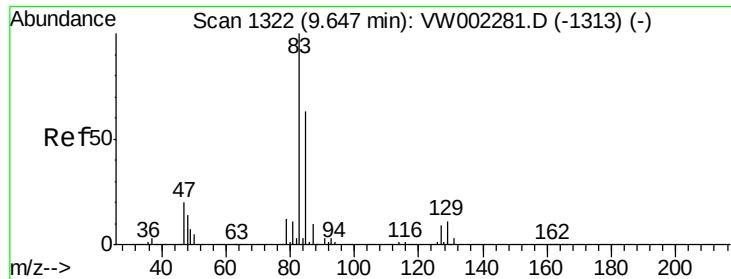
Tot Ion: 63 Resp: 44253
 Ion Ratio Lower Upper
 63 100
 65 30.7 22.9 34.3



#46
 Dibromomethane
 Concen: 22.00 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: VW002400.D
 Acq: 11 May 2018 01:14

Tgt Ion: 93 Resp: 26065
 Ion Ratio Lower Upper
 93 100
 95 84.4 66.4 99.6
 174 104.7 86.8 130.2





#47

Bromodichloromethane

Concen: 21.06 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW002400.D

Acq: 11 May 2018 01:14

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBSD03

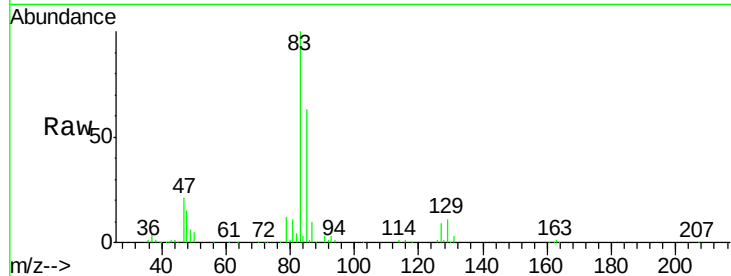
Tot Ion: 83 Resp: 58889

Ion Ratio Lower Upper

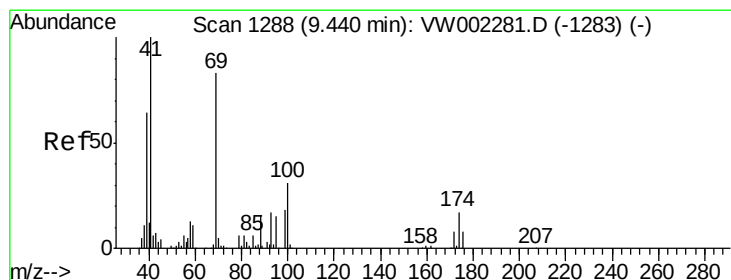
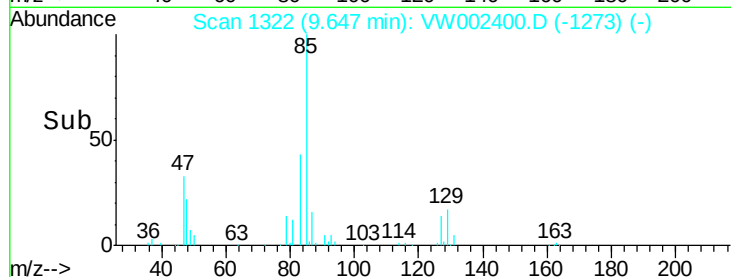
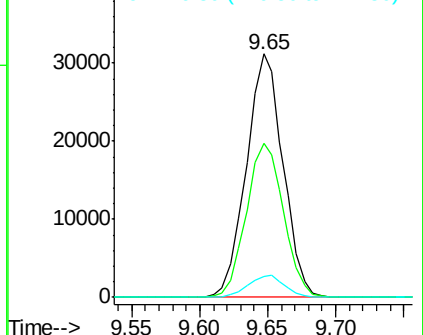
83 100

85 63.1 50.2 75.2

127 8.8 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.92 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VW002400.D

Acq: 11 May 2018 01:14

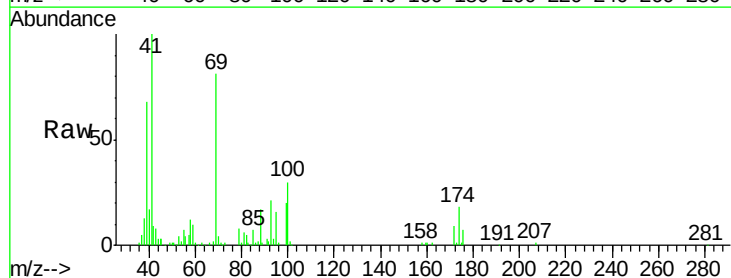
Tgt Ion: 41 Resp: 27187

Ion Ratio Lower Upper

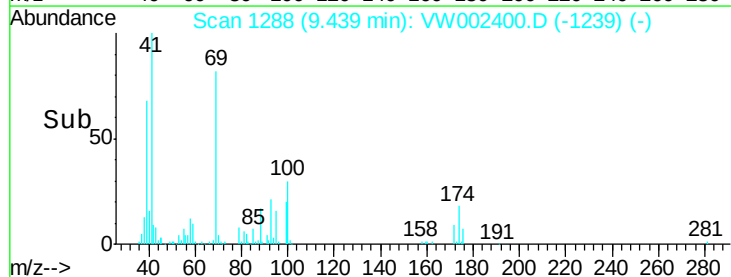
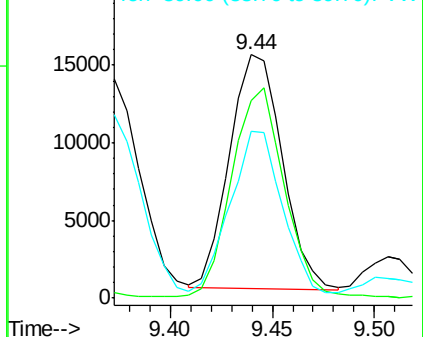
41 100

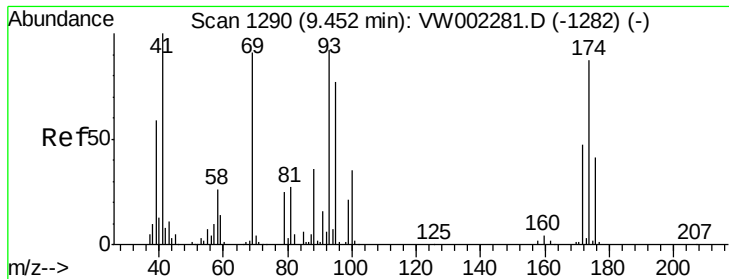
69 90.8 69.9 104.9

39 70.8 54.0 81.0



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





#49

1,4-Dioxane

Concen: 467.05 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. -0.00 min

Lab File: VW002400.D

Acq: 11 May 2018 01:14

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBSD03

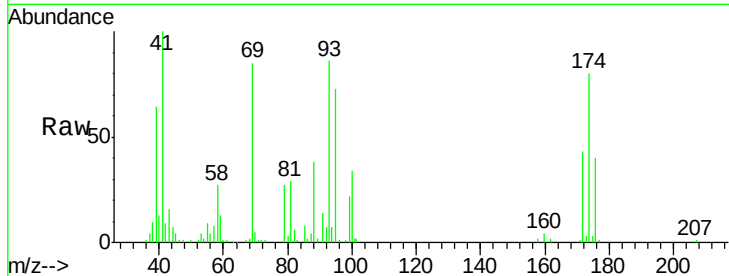
Tot Ion: 88 Resp: 8792

Ion Ratio Lower Upper

88 100

43 34.9 26.3 39.5

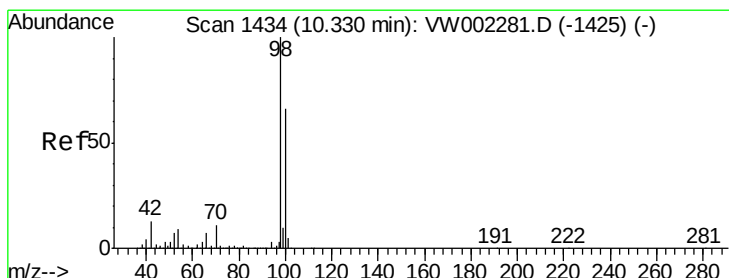
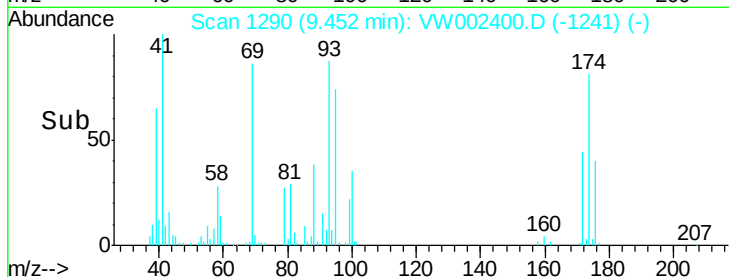
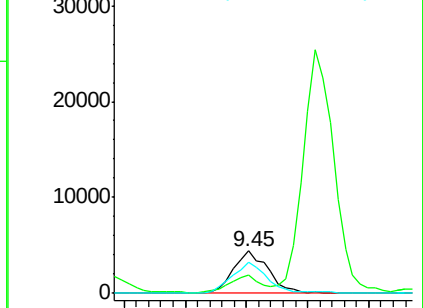
58 72.1 56.0 84.0



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 49.46 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002400.D

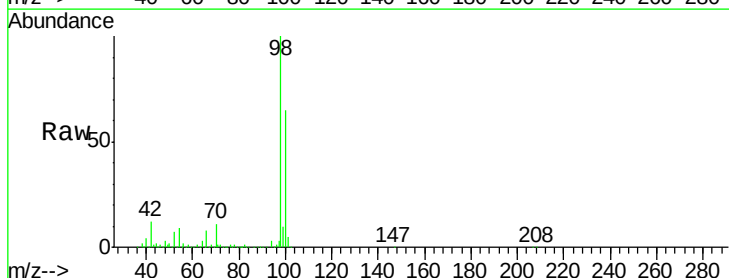
Acq: 11 May 2018 01:14

Tgt Ion: 98 Resp: 386917

Ion Ratio Lower Upper

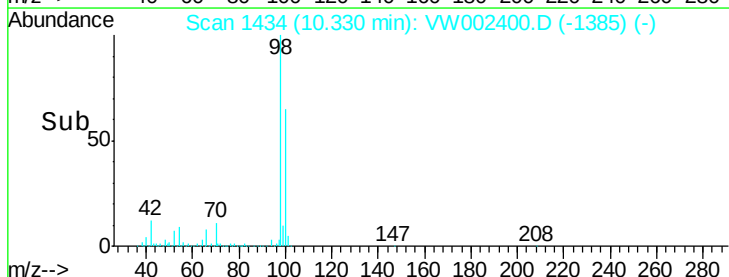
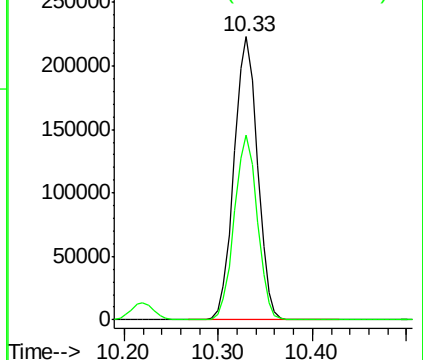
98 100

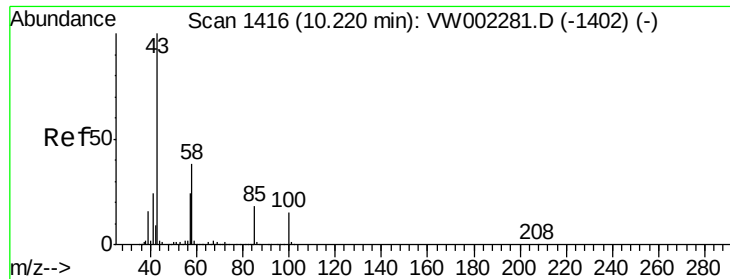
100 64.0 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

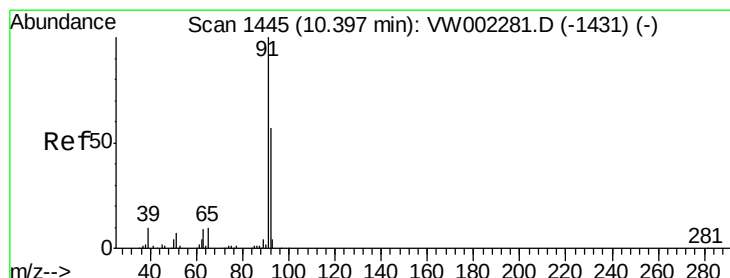
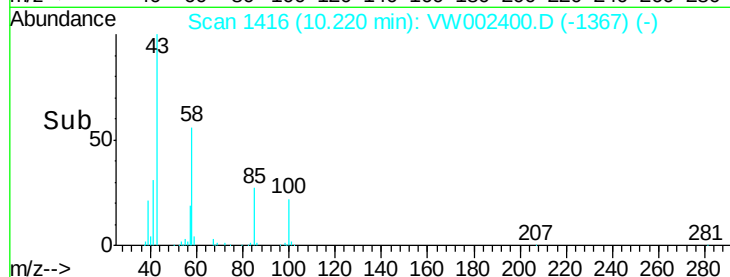
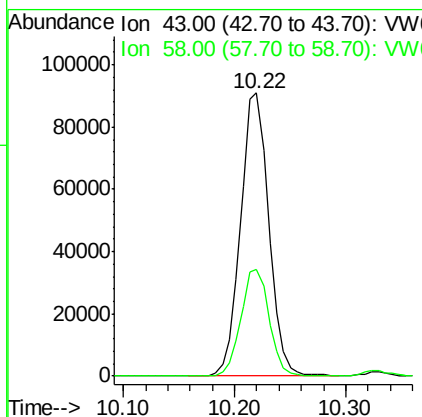
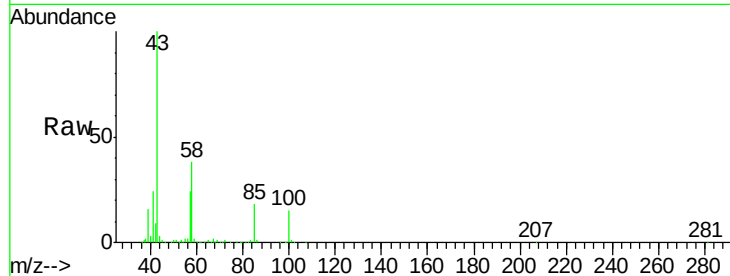




#51
 4-Methyl-2-Pentanone
 Concen: 108.78 ug/l
 RT: 10.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VW002400.D
 Acq: 11 May 2018 01:14

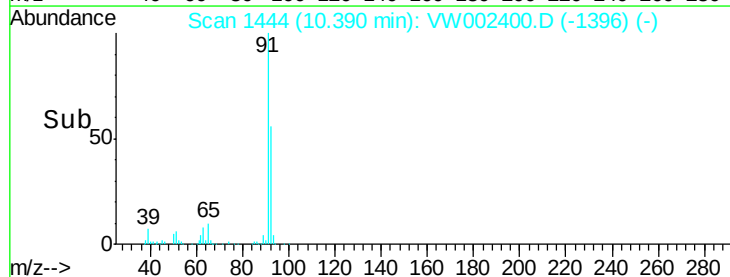
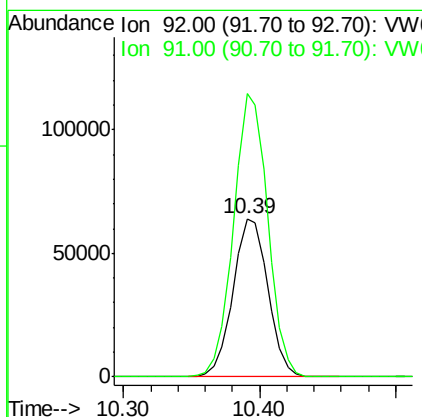
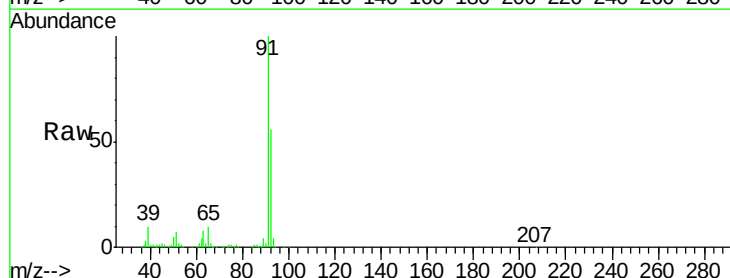
Instrument :
 MSVOA_W
 ClientSampleID :
 VW0510SBSD03

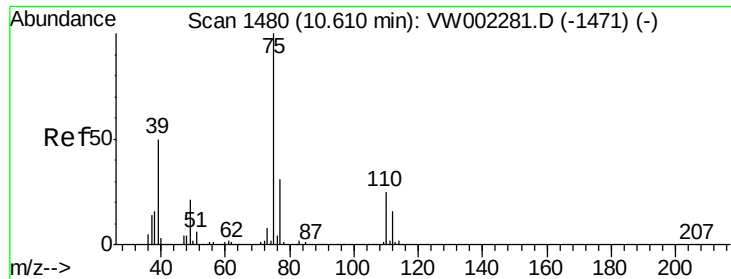
Tot Ion: 43 Resp: 160592
 Ion Ratio Lower Upper
 43 100
 58 37.8 30.2 45.2



#52
 Toluene
 Concen: 21.25 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: VW002400.D
 Acq: 11 May 2018 01:14

Tgt Ion: 92 Resp: 114191
 Ion Ratio Lower Upper
 92 100
 91 175.5 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 20.47 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW002400.D

Acq: 11 May 2018 01:14

Instrument :

MSVOA_W

ClientSampleId :

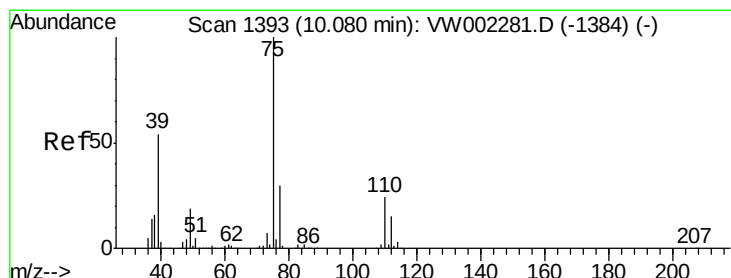
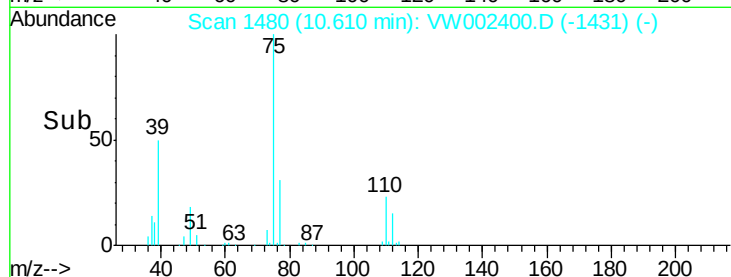
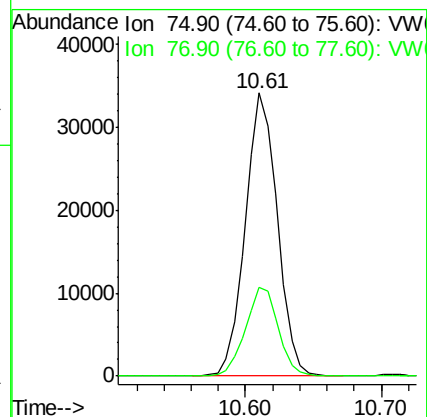
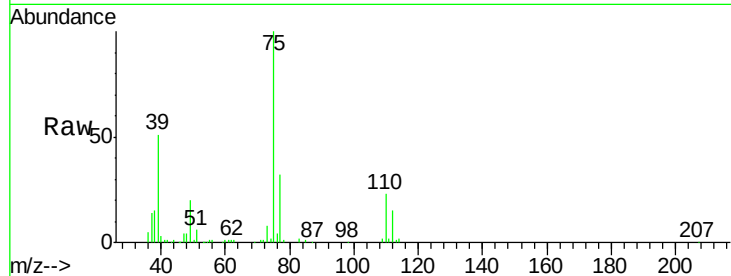
VW0510SBSD03

Tot Ion: 75 Resp: 56280

Ion Ratio Lower Upper

75 100

77 31.5 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 20.51 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW002400.D

Acq: 11 May 2018 01:14

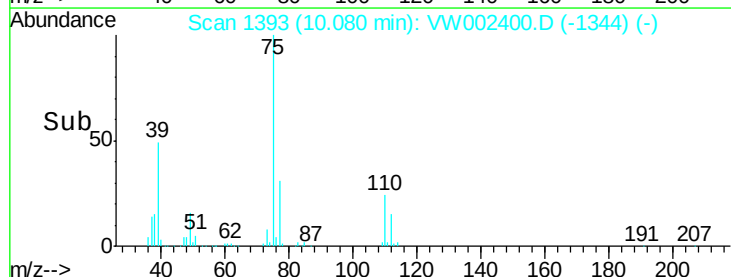
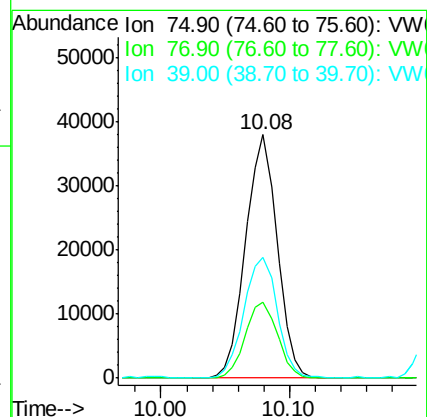
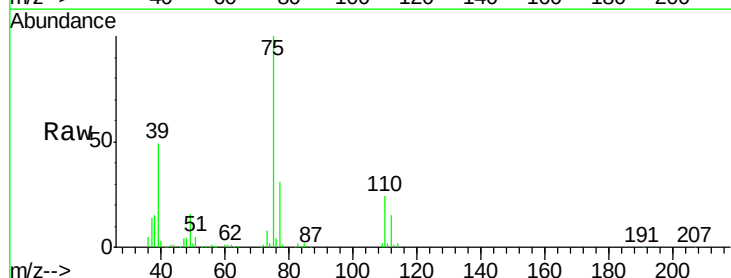
Tgt Ion: 75 Resp: 64488

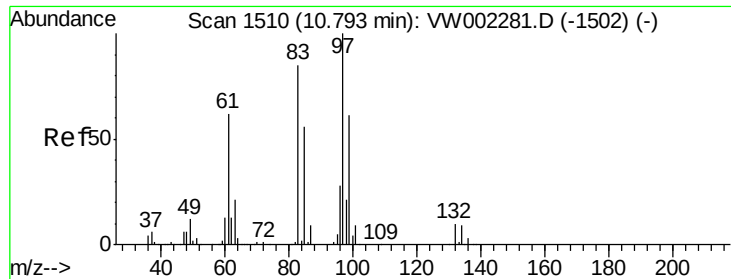
Ion Ratio Lower Upper

75 100

77 31.1 23.9 35.9

39 49.2 43.2 64.8

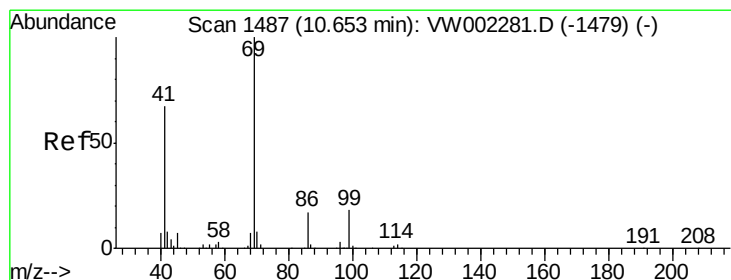
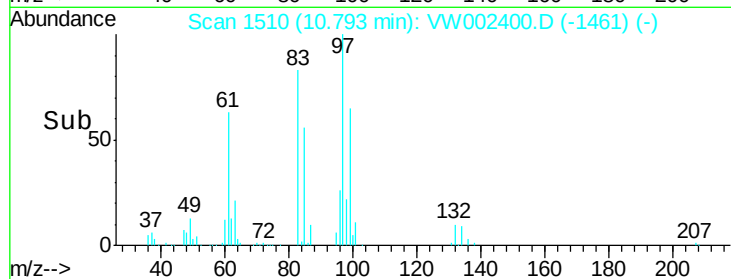
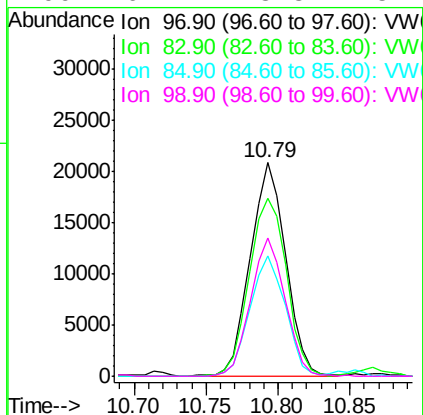
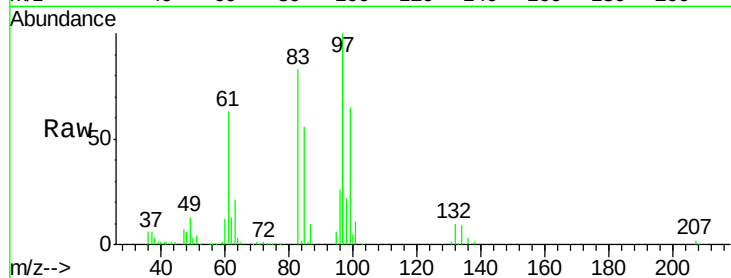




#55
 1,1,2-Trichloroethane
 Concen: 21.34 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW002400.D
 Acq: 11 May 2018 01:14

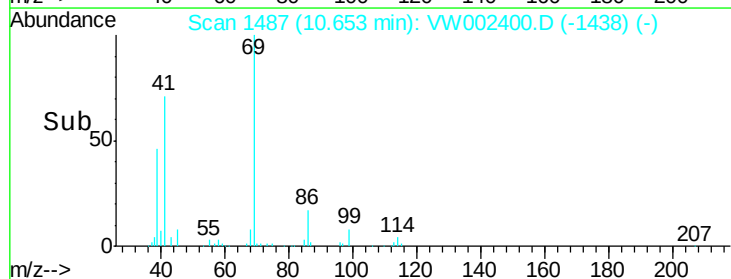
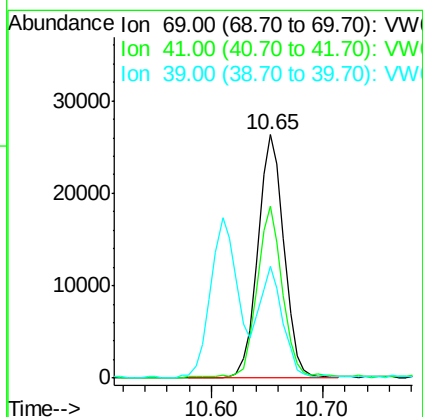
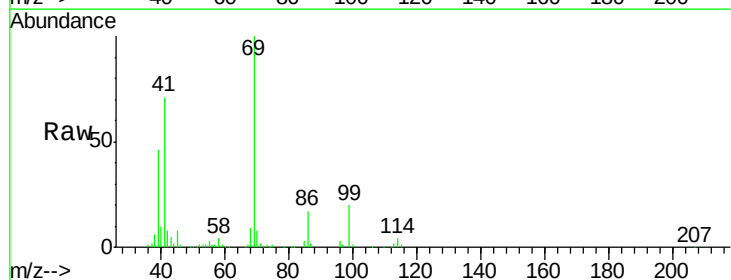
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBSD03

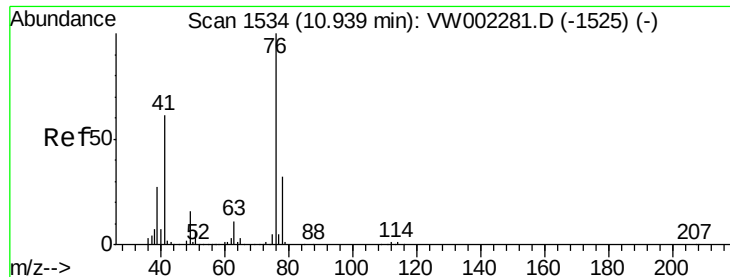
Tot Ion:	97	Resp:	35605
Ion	Ratio	Lower	Upper
97	100		
83	83.3	68.4	102.6
85	56.3	44.6	67.0
99	64.7	48.8	73.2



#56
 Ethyl methacrylate
 Concen: 20.96 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW002400.D
 Acq: 11 May 2018 01:14

Tgt Ion:	69	Resp:	43240
Ion	Ratio	Lower	Upper
69	100		
41	69.1	56.0	84.0
39	40.6	32.7	49.1





#57

1,3-Dichloropropane

Concen: 21.09 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VW002400.D

Acq: 11 May 2018 01:14

Instrument :

MSVOA_W

ClientSampleId :

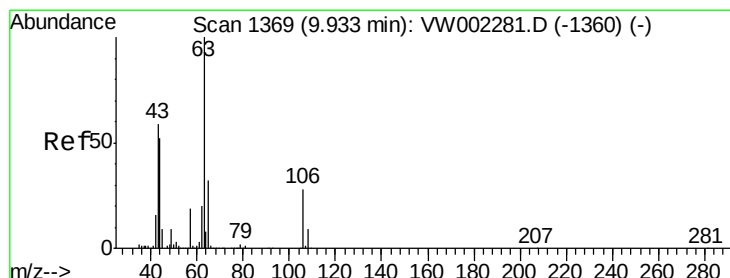
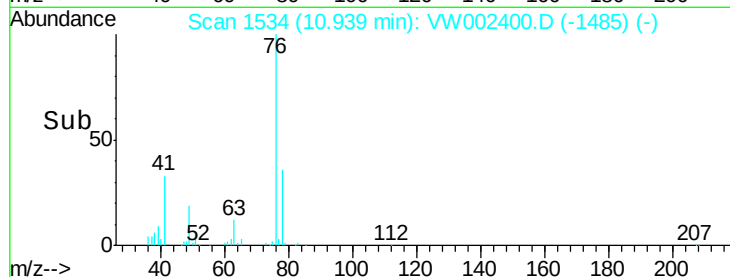
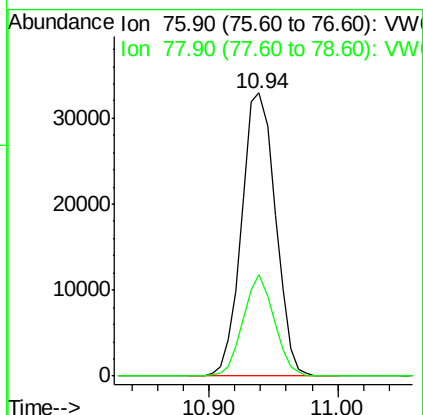
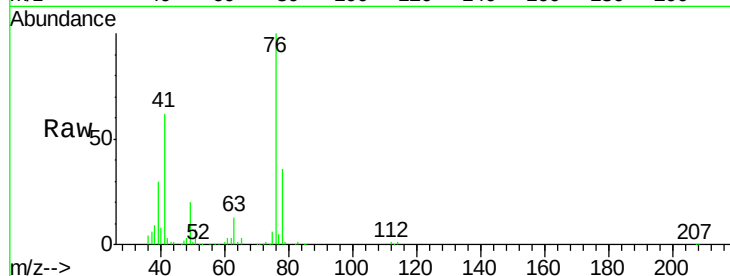
VW0510SBSD03

Tot Ion: 76 Resp: 59826

Ion Ratio Lower Upper

76 100

78 32.9 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 106.46 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VW002400.D

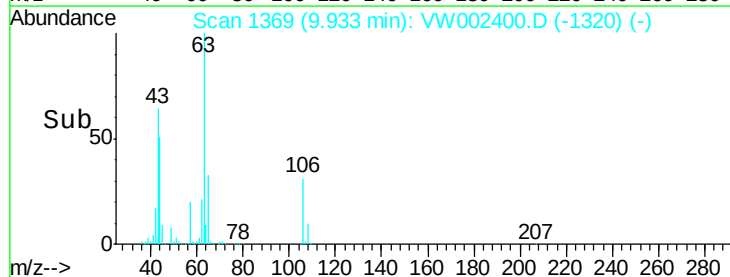
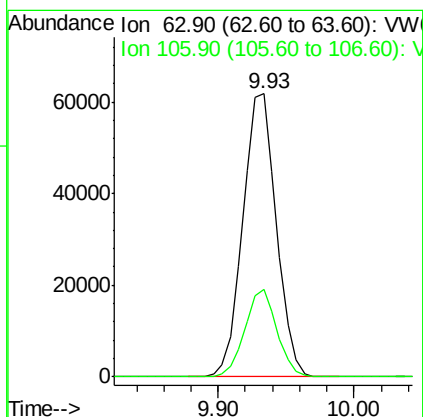
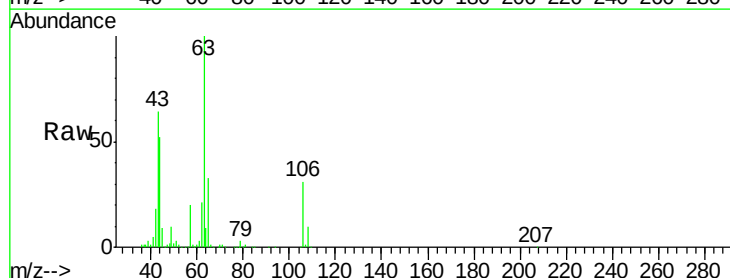
Acq: 11 May 2018 01:14

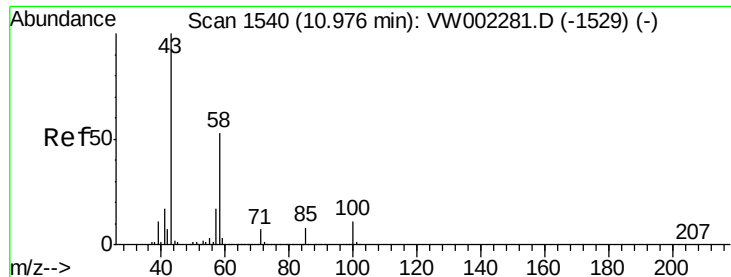
Tgt Ion: 63 Resp: 106583

Ion Ratio Lower Upper

63 100

106 29.4 22.5 33.7

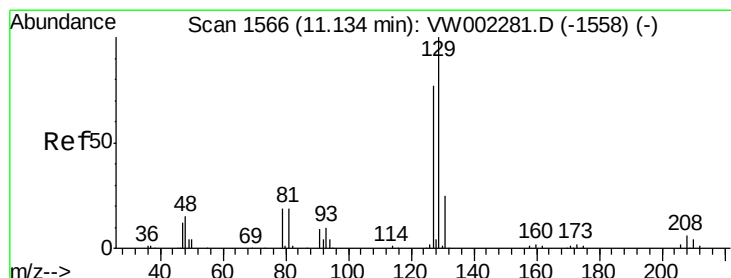
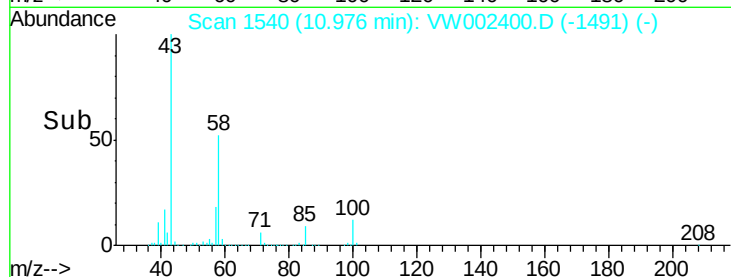
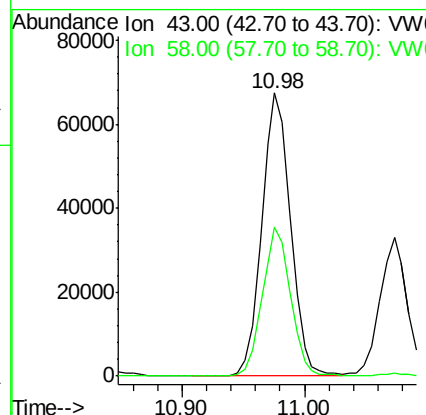
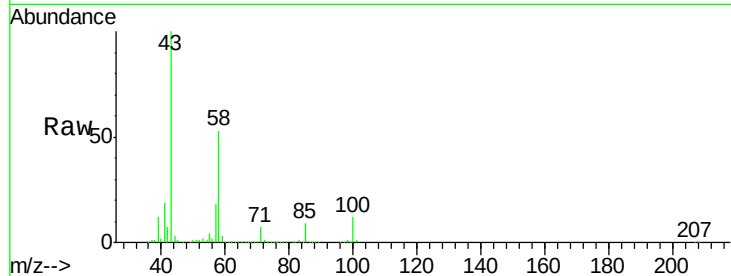




#59
2-Hexanone
Concen: 109.77 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW002400.D
Acq: 11 May 2018 01:14

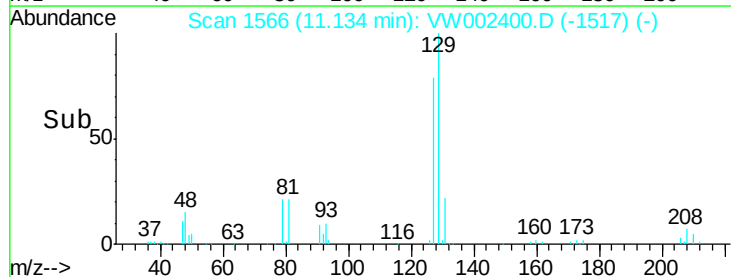
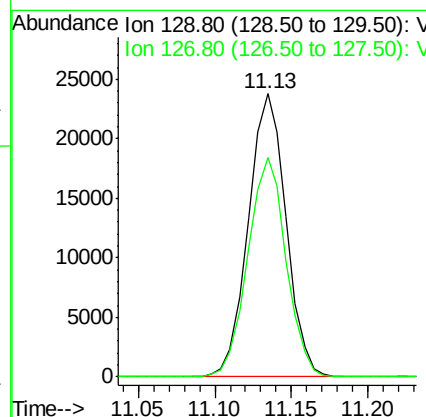
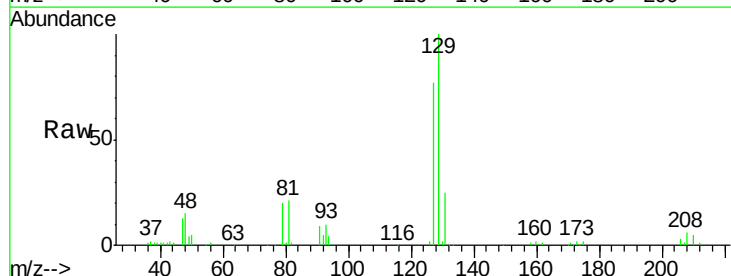
Instrument :
MSVOA_W
ClientSampleId :
VW0510SBSD03

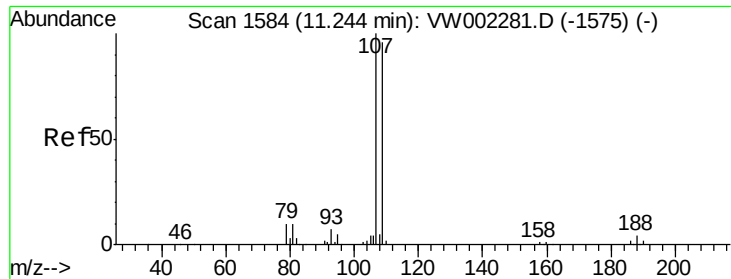
Tot Ion: 43 Resp: 110849
Ion Ratio Lower Upper
43 100
58 51.5 26.0 78.0



#60
Dibromochloromethane
Concen: 20.70 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW002400.D
Acq: 11 May 2018 01:14

Tgt Ion: 129 Resp: 40755
Ion Ratio Lower Upper
129 100
127 78.2 39.0 116.9

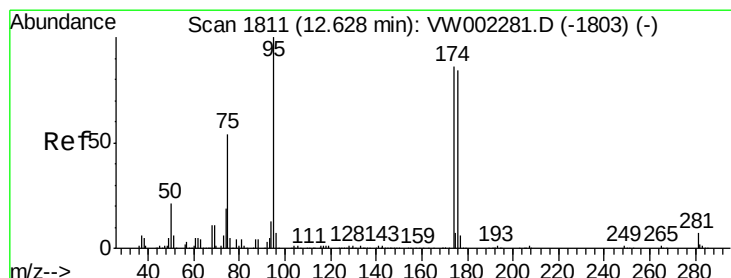
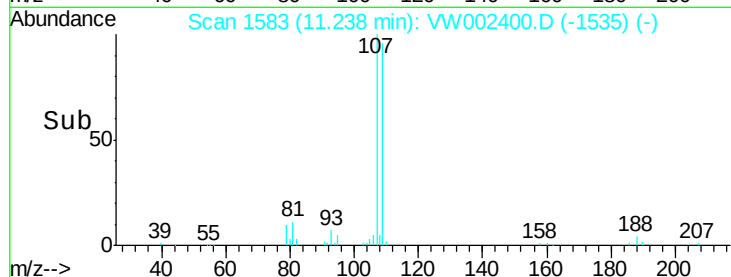
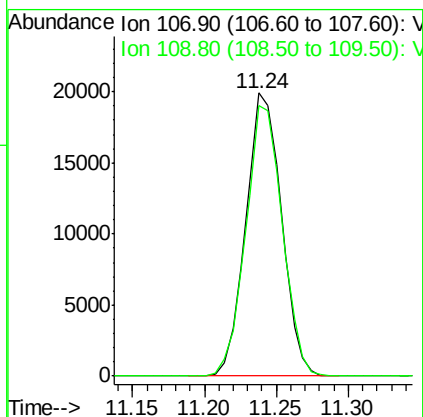
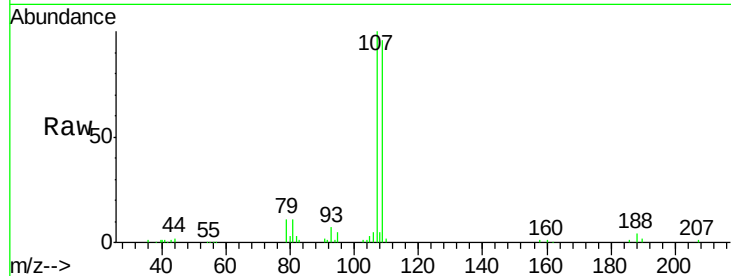




#61
 1,2-Dibromoethane
 Concen: 20.93 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: VW002400.D
 Acq: 11 May 2018 01:14

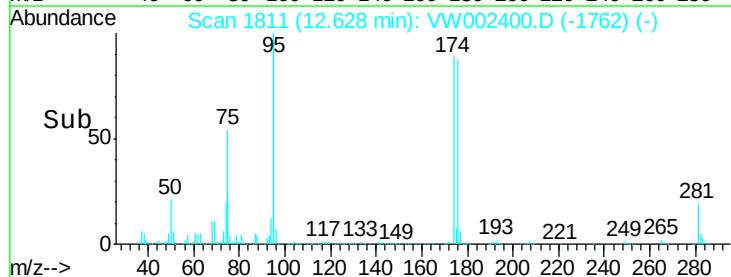
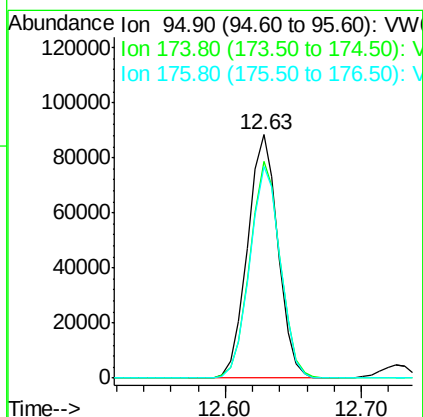
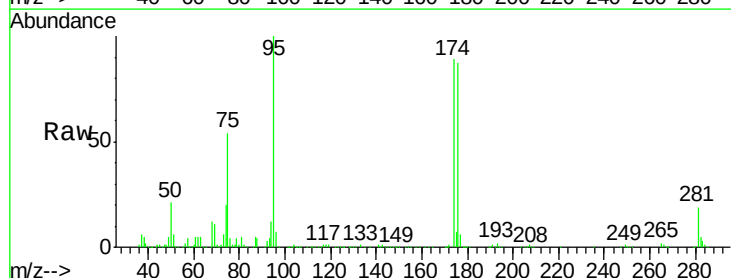
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBSD03

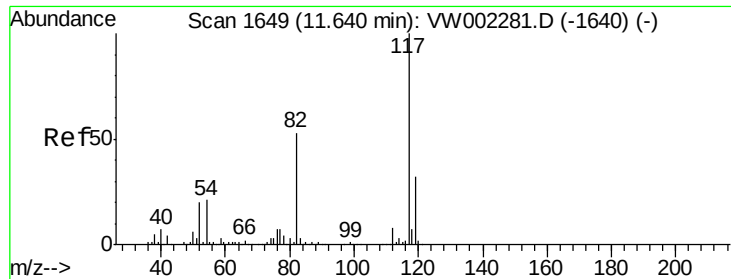
Tot Ion:107 Resp: 34130
 Ion Ratio Lower Upper
 107 100
 109 97.7 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 49.14 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW002400.D
 Acq: 11 May 2018 01:14

Tgt Ion: 95 Resp: 138906
 Ion Ratio Lower Upper
 95 100
 174 88.9 0.0 176.8
 176 87.6 0.0 170.4

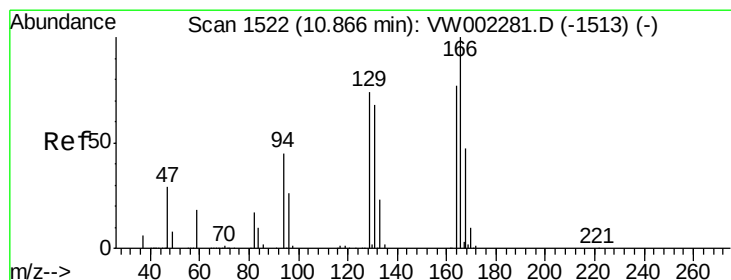
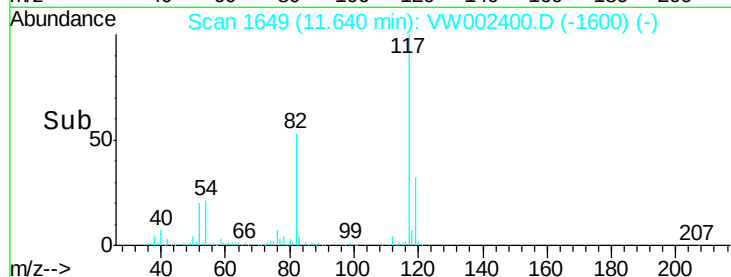
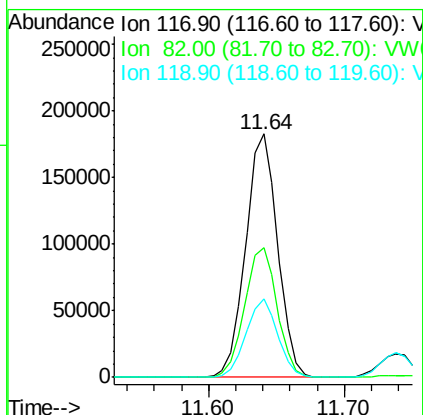
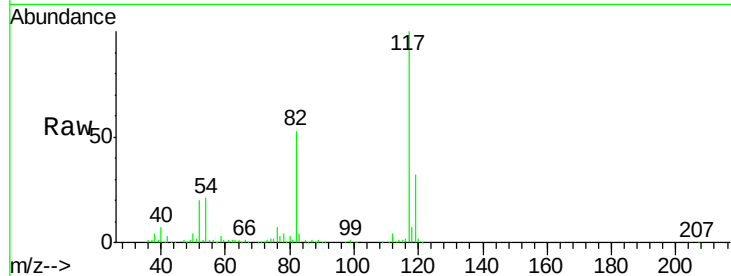




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002400.D
Acq: 11 May 2018 01:14

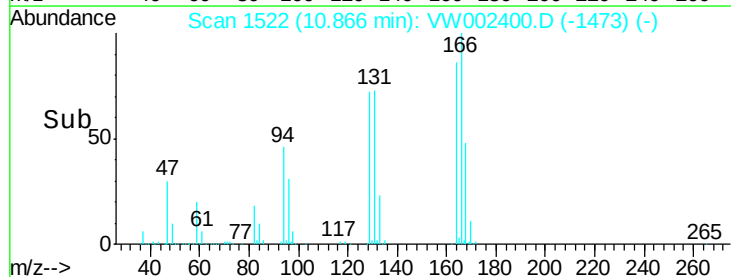
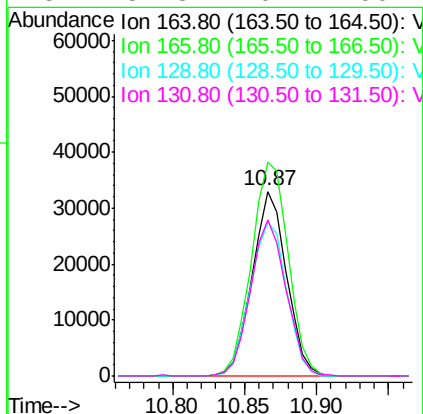
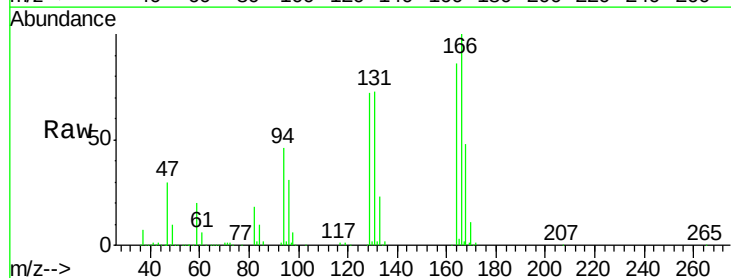
Instrument :
MSVOA_W
ClientSampleId :
VW0510SBSD03

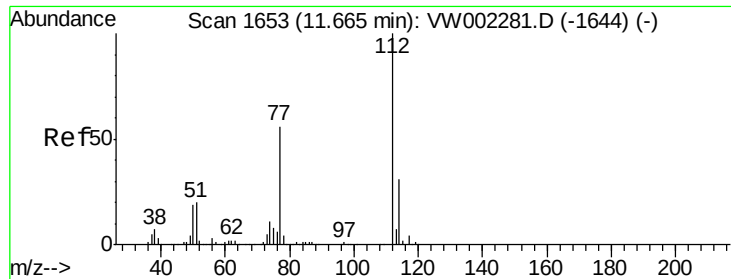
Tot Ion:117 Resp: 300458
Ion Ratio Lower Upper
117 100
82 53.3 42.6 63.8
119 32.1 25.2 37.8



#64
Tetrachloroethene
Concen: 23.54 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW002400.D
Acq: 11 May 2018 01:14

Tgt Ion:164 Resp: 54427
Ion Ratio Lower Upper
164 100
166 115.7 103.3 154.9
129 83.3 76.6 114.8
131 84.3 70.7 106.1

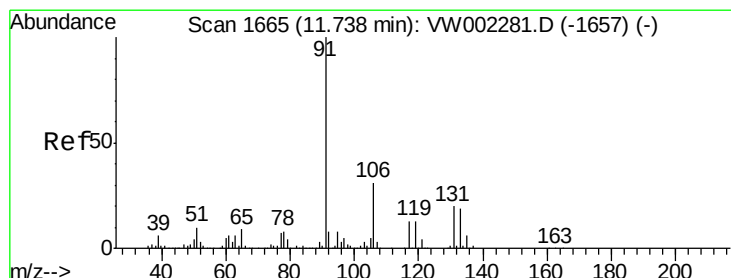
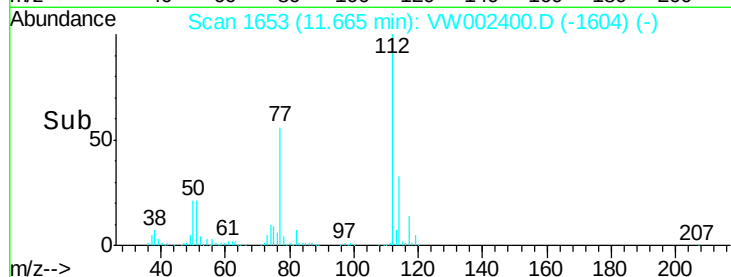
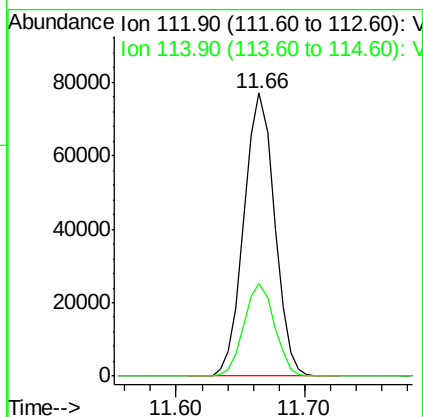
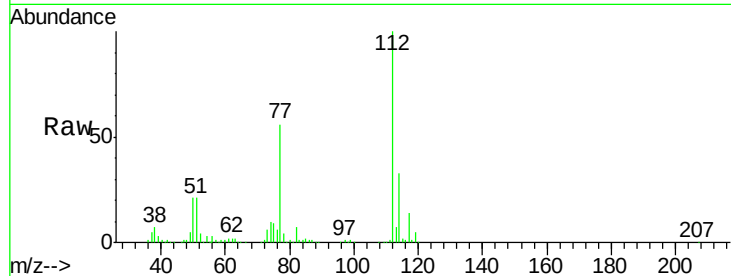




#65
Chlorobenzene
Concen: 20.61 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW002400.D
Acq: 11 May 2018 01:14

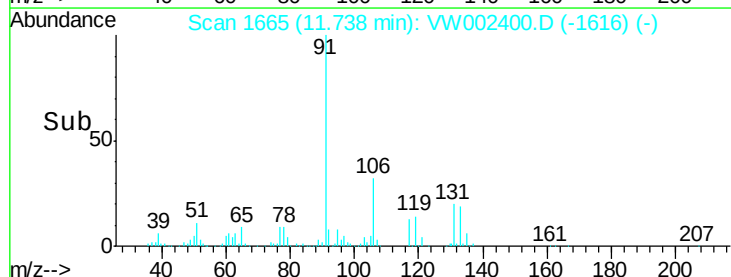
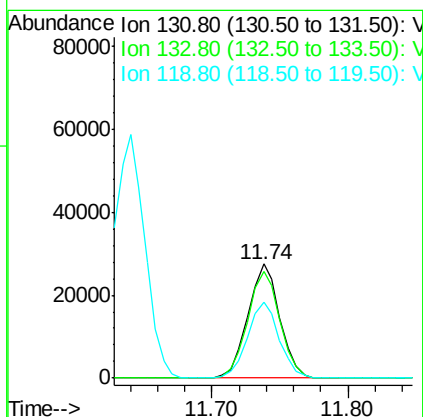
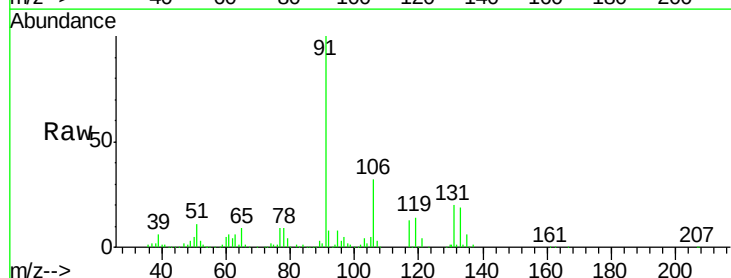
Instrument :
MSVOA_W
ClientSampleId :
VW0510SBSD03

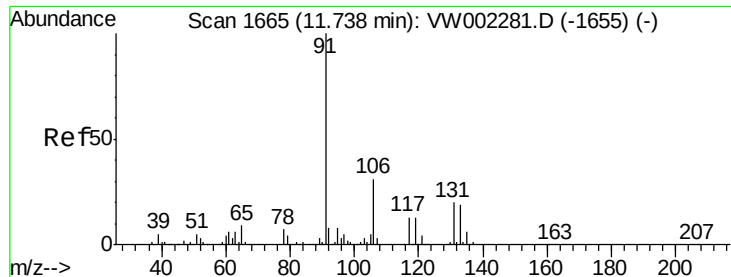
Tot Ion:112 Resp: 126549
Ion Ratio Lower Upper
112 100
114 32.6 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.69 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW002400.D
Acq: 11 May 2018 01:14

Tgt Ion:131 Resp: 45266
Ion Ratio Lower Upper
131 100
133 94.4 47.8 143.3
119 65.9 32.0 96.0

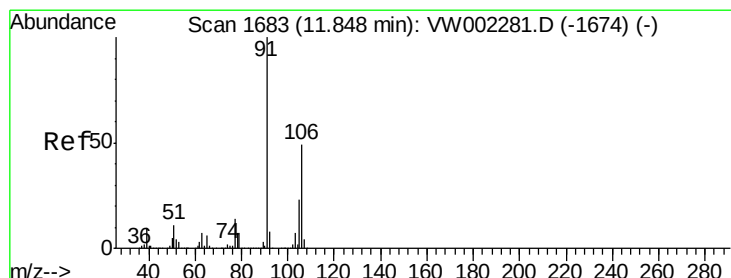
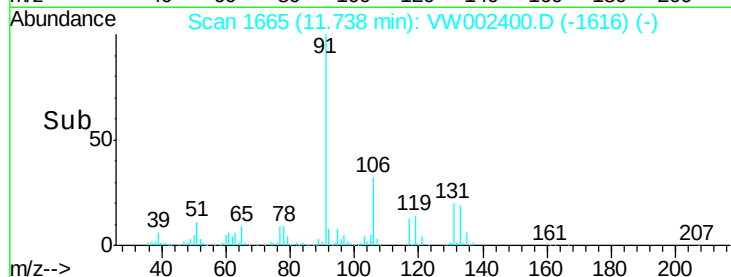
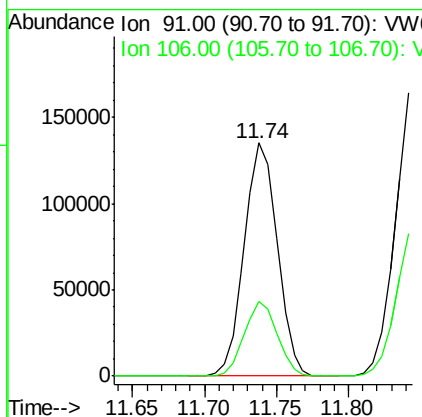
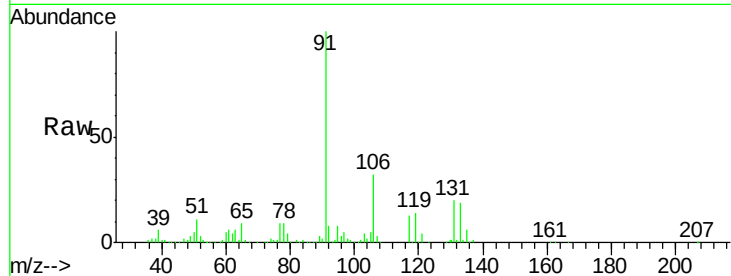




#67
Ethyl Benzene
Concen: 20.41 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW002400.D
Acq: 11 May 2018 01:14

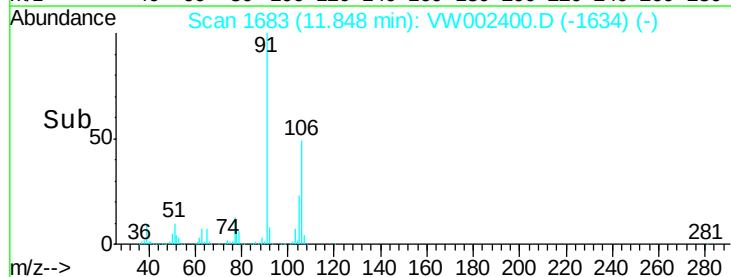
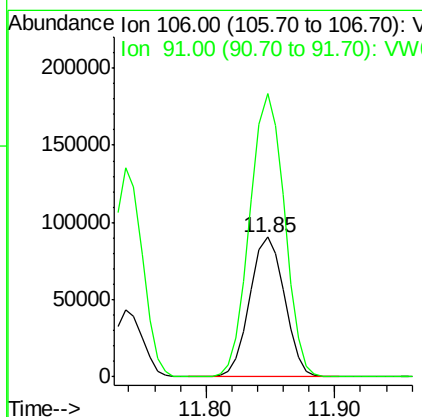
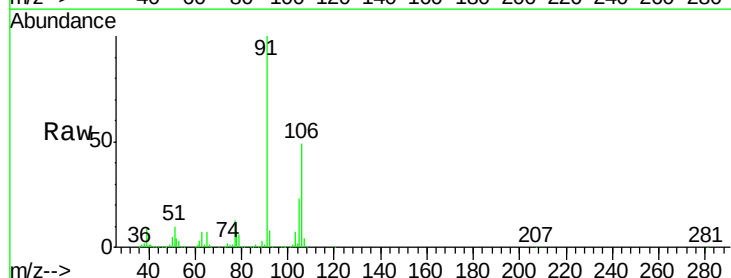
Instrument :
MSVOA_W
ClientSampleId :
VW0510SBSD03

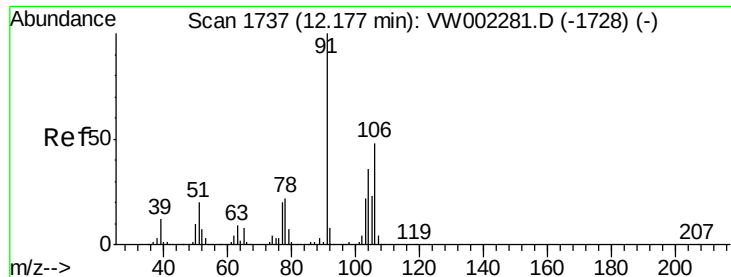
Tot Ion: 91 Resp: 215368
Ion Ratio Lower Upper
91 100
106 32.3 24.9 37.3



#68
m/p-Xylenes
Concen: 41.56 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW002400.D
Acq: 11 May 2018 01:14

Tgt Ion: 106 Resp: 169211
Ion Ratio Lower Upper
106 100
91 201.8 161.4 242.0

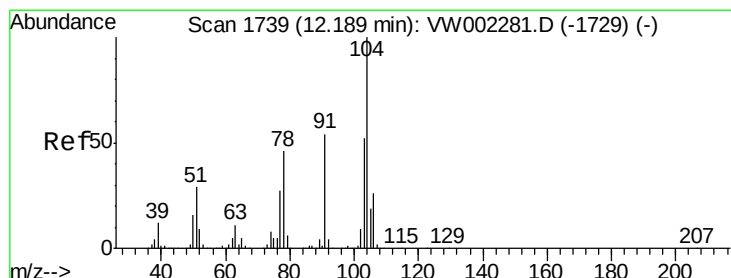
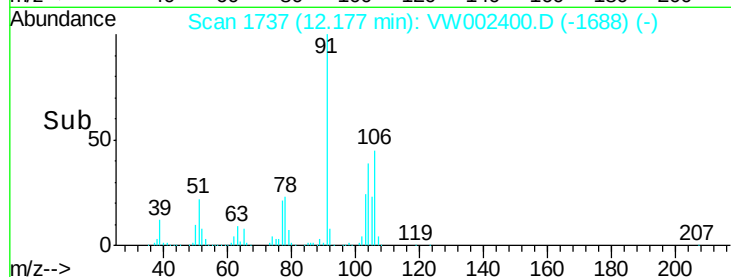
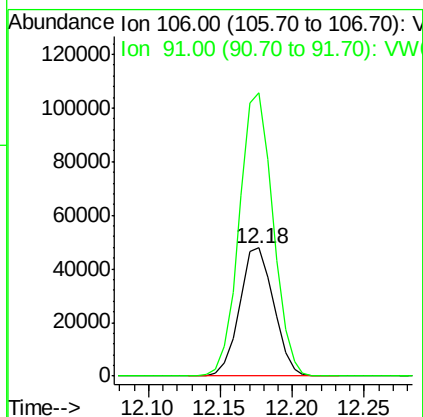
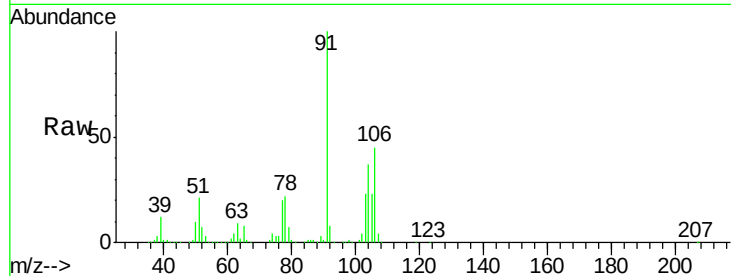




#69
o-Xylene
Concen: 20.35 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VW002400.D
Acq: 11 May 2018 01:14

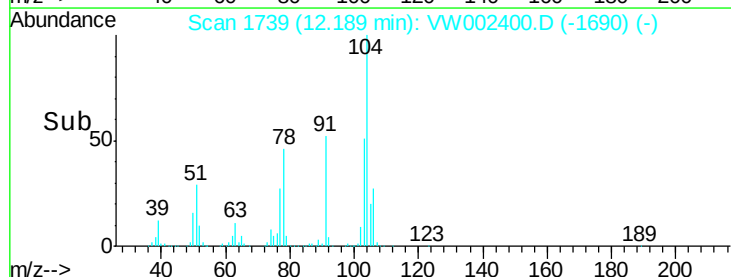
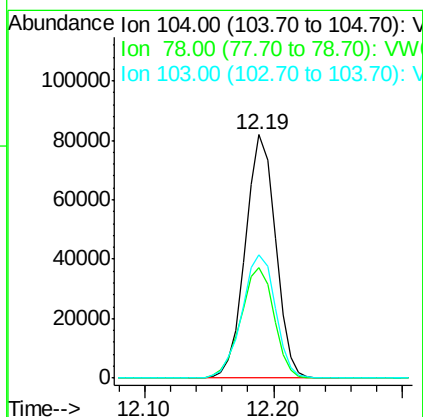
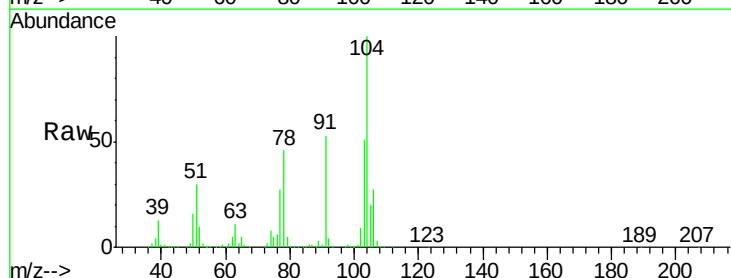
Instrument :
MSVOA_W
ClientSampleId :
VW0510SBSD03

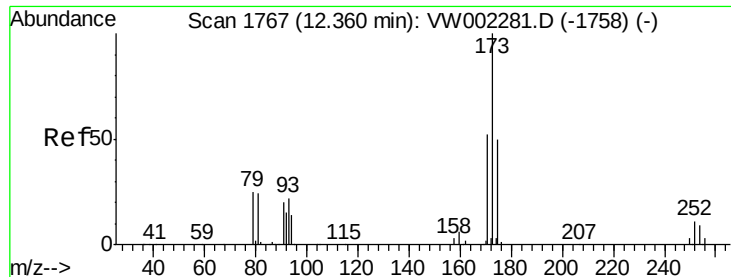
Tot Ion:106 Resp: 78793
Ion Ratio Lower Upper
106 100
91 218.1 107.1 321.1



#70
Styrene
Concen: 20.59 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW002400.D
Acq: 11 May 2018 01:14

Tgt Ion:104 Resp: 132368
Ion Ratio Lower Upper
104 100
78 50.3 39.6 59.4
103 56.0 44.4 66.6





#71

Bromoform

Concen: 20.96 ug/l

RT: 12.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VW002400.D

Acq: 11 May 2018 01:14

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBSD03

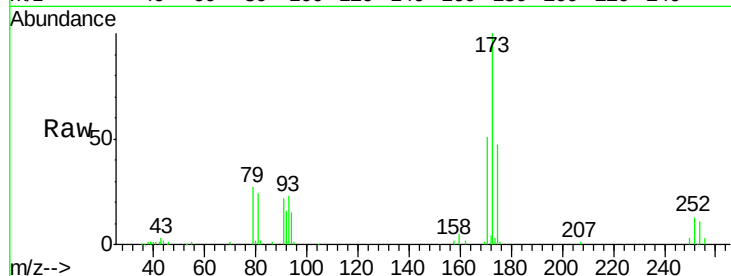
Tot Ion:173 Resp: 26305

Ion Ratio Lower Upper

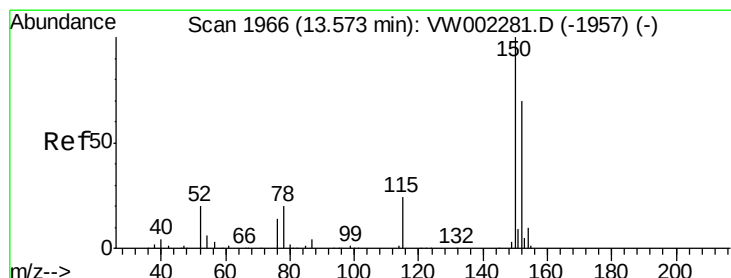
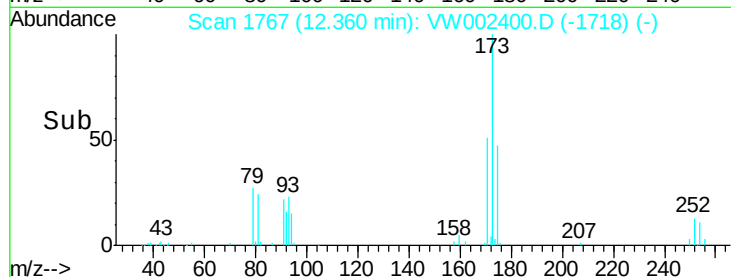
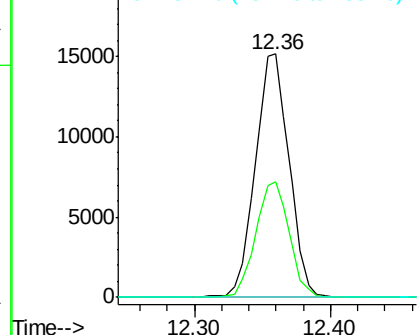
173 100

175 47.0 24.3 72.9

254 0.1 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: 50.00 ug/l

RT: 13.57 min Scan# 1966

Delta R.T. -0.00 min

Lab File: VW002400.D

Acq: 11 May 2018 01:14

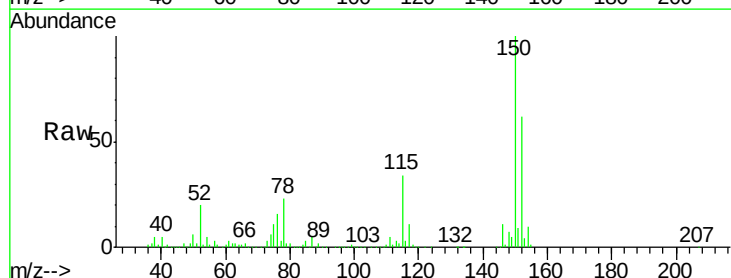
Tgt Ion:152 Resp: 160457

Ion Ratio Lower Upper

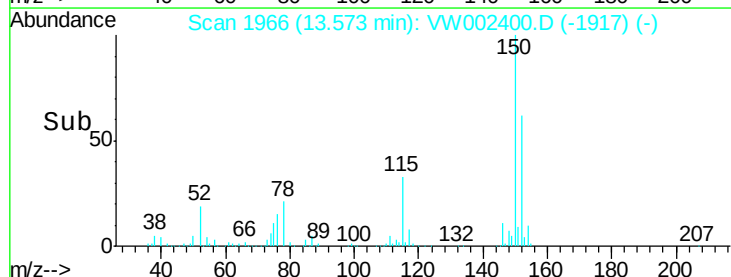
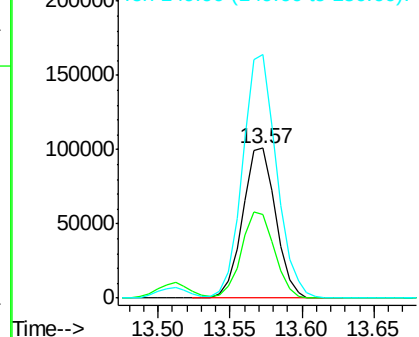
152 100

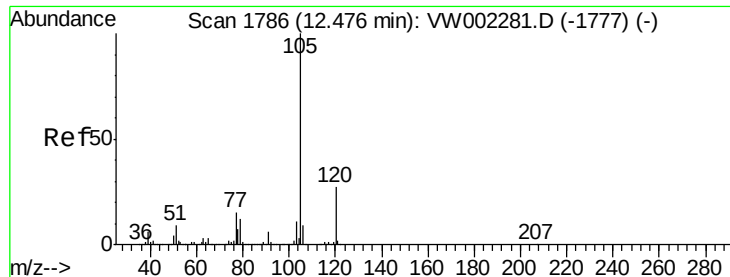
115 57.3 28.5 85.5

150 166.7 0.0 342.6



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





#73

Isopropylbenzene

Concen: 20.69 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VW002400.D

Acq: 11 May 2018 01:14

Instrument :

MSVOA_W

ClientSampleId :

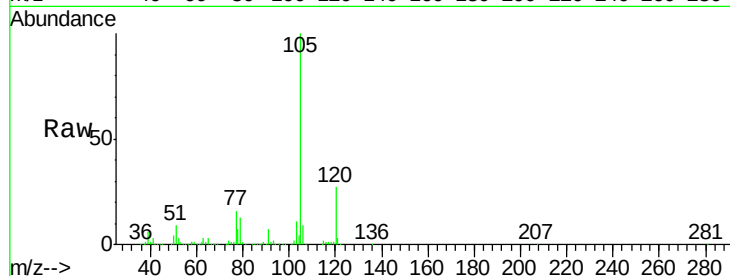
VW0510SBSD03

Tot Ion:105 Resp: 215596

Ion Ratio Lower Upper

105 100

120 26.2 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

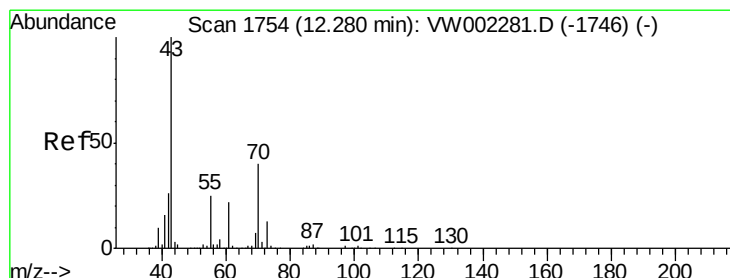
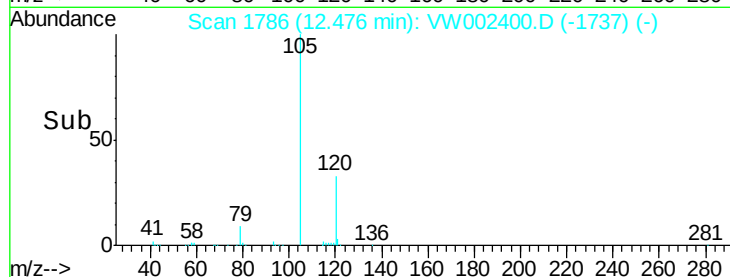
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 20.99 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW002400.D

Acq: 11 May 2018 01:14

Tgt Ion: 43 Resp: 54757

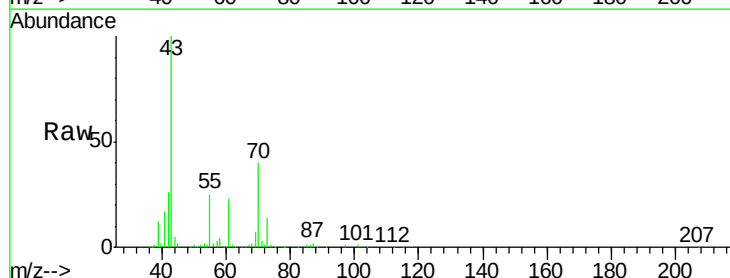
Ion Ratio Lower Upper

43 100

70 41.4 31.9 47.9

55 25.0 19.9 29.9

61 23.6 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

50000

40000

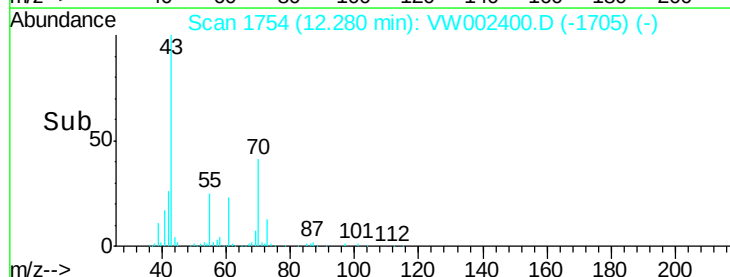
30000

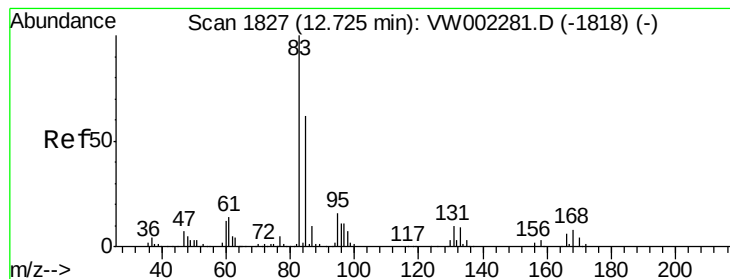
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.21 ug/l

RT: 12.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VW002400.D

Acq: 11 May 2018 01:14

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBSD03

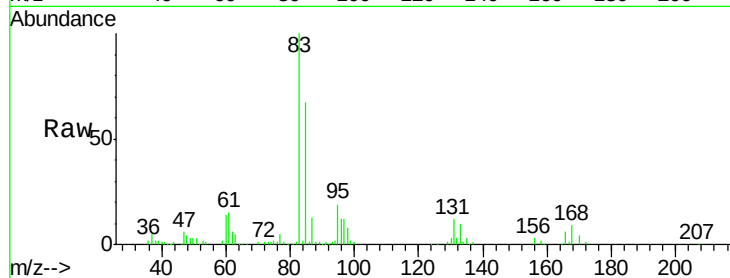
Tot Ion: 83 Resp: 44750

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.5

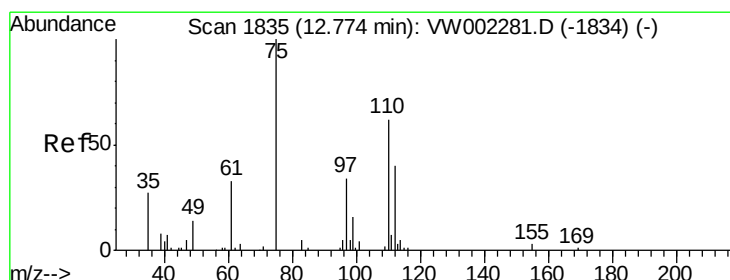
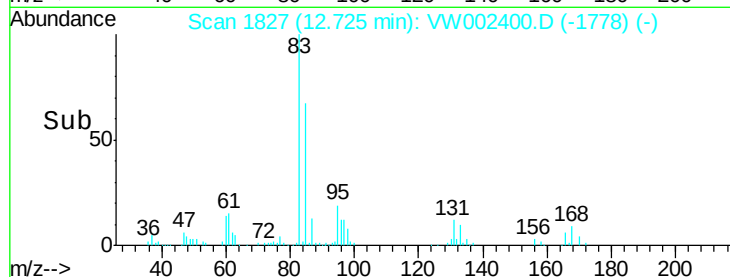
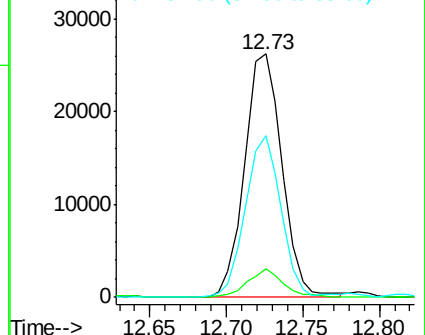
85 62.8 31.5 94.5



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 22.86 ug/l m

RT: 12.78 min Scan# 1836

Delta R.T. 0.01 min

Lab File: VW002400.D

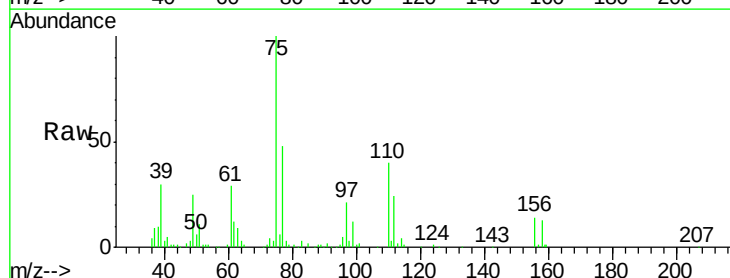
Acq: 11 May 2018 01:14

Tgt Ion: 75 Resp: 32524

Ion Ratio Lower Upper

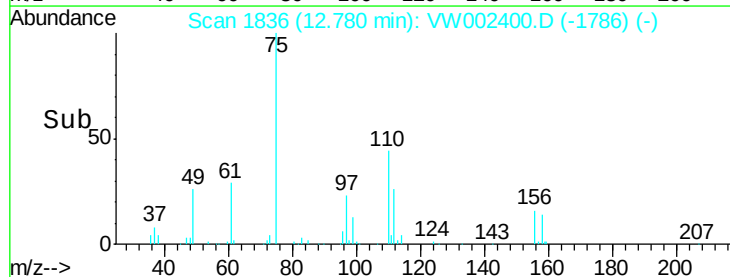
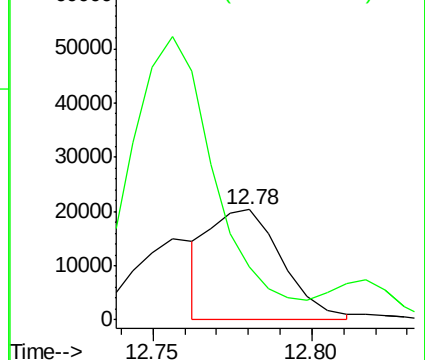
75 100

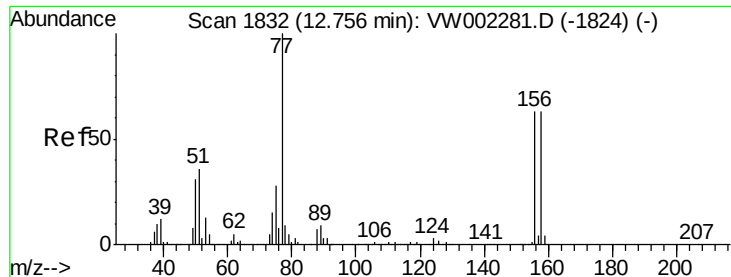
77 0.0 187.5 562.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.28 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VW002400.D

Acq: 11 May 2018 01:14

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBSD03

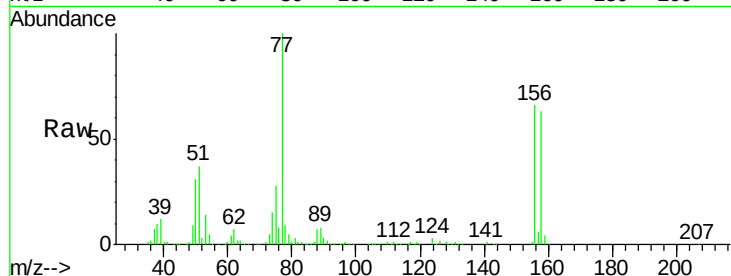
Tot Ion:156 Resp: 55909

Ion Ratio Lower Upper

156 100

77 174.0 87.7 263.1

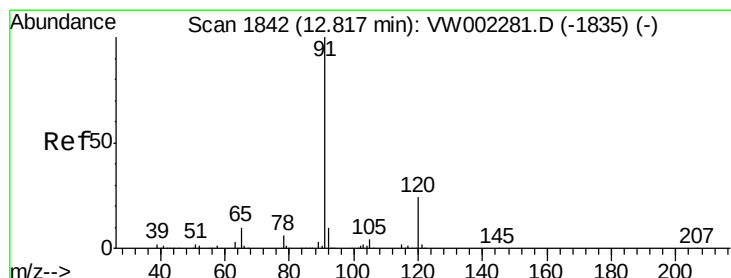
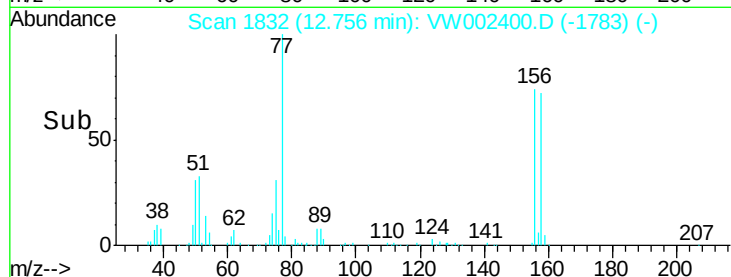
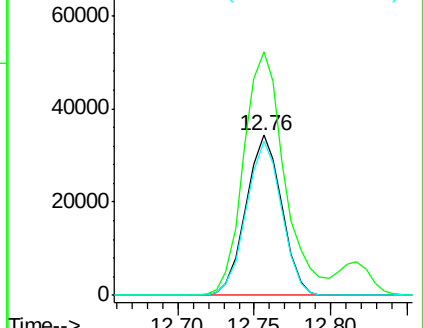
158 95.6 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.08 ug/l

RT: 12.82 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VW002400.D

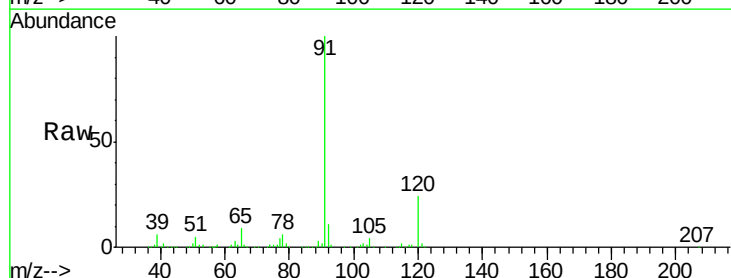
Acq: 11 May 2018 01:14

Tgt Ion: 91 Resp: 260473

Ion Ratio Lower Upper

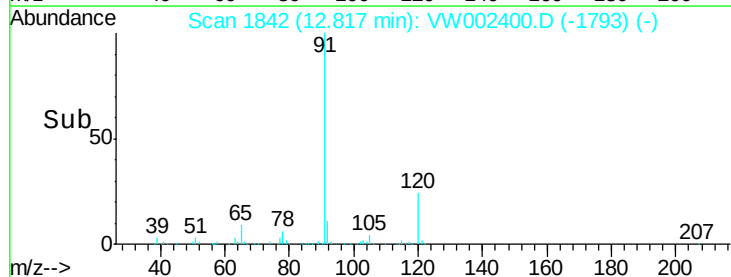
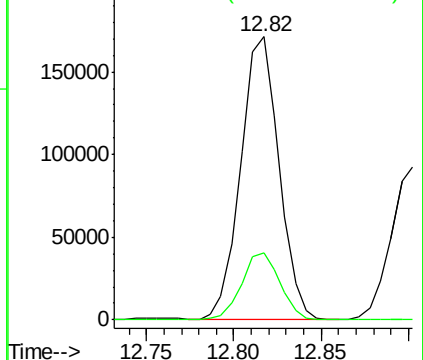
91 100

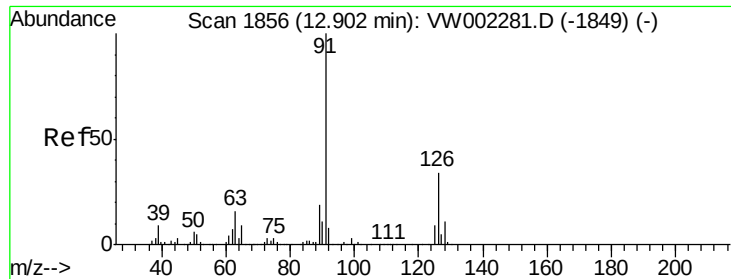
120 23.7 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.04 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. -0.00 min

Lab File: VW002400.D

Acq: 11 May 2018 01:14

Instrument :

MSVOA_W

ClientSampleId :

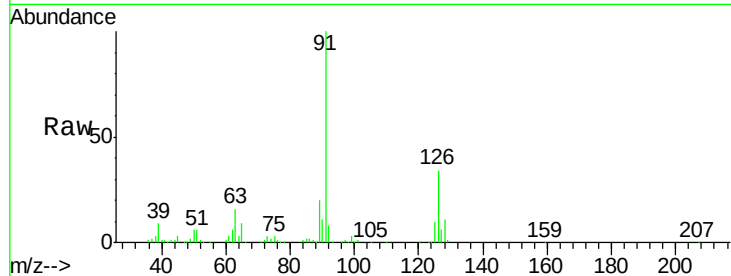
VW0510SBSD03

Tot Ion: 91 Resp: 149729

Ion Ratio Lower Upper

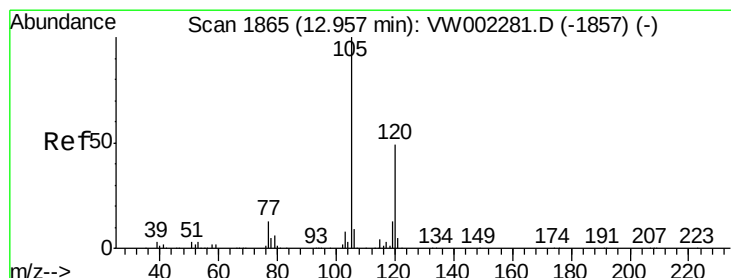
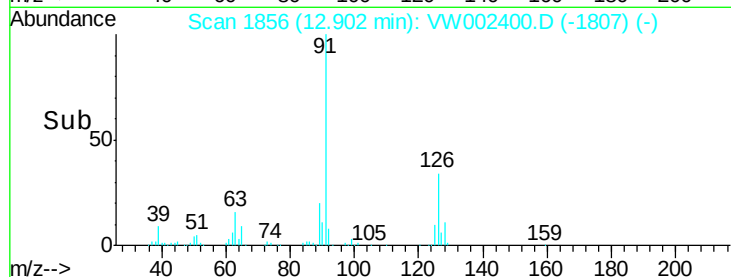
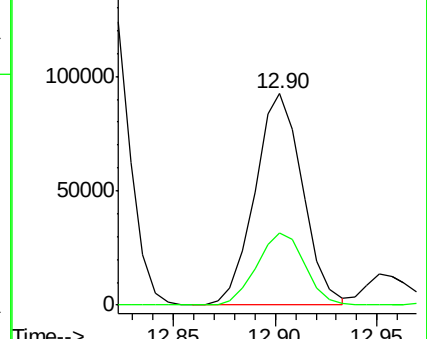
91 100

126 34.6 17.2 51.6



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: 20.96 ug/l

RT: 12.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VW002400.D

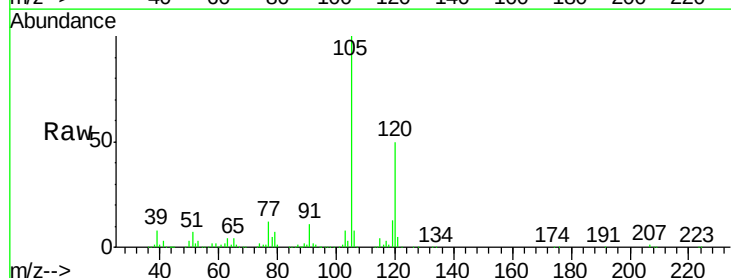
Acq: 11 May 2018 01:14

Tgt Ion:105 Resp: 183740

Ion Ratio Lower Upper

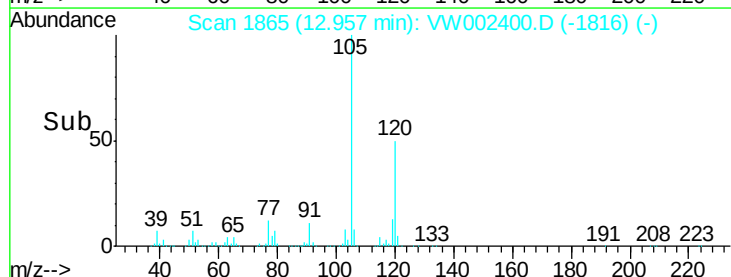
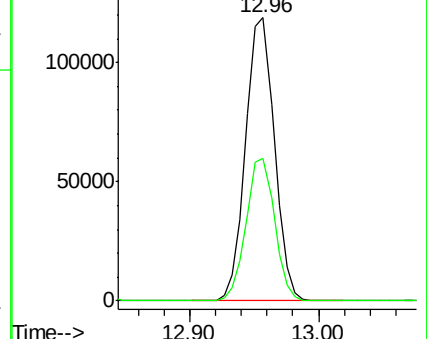
105 100

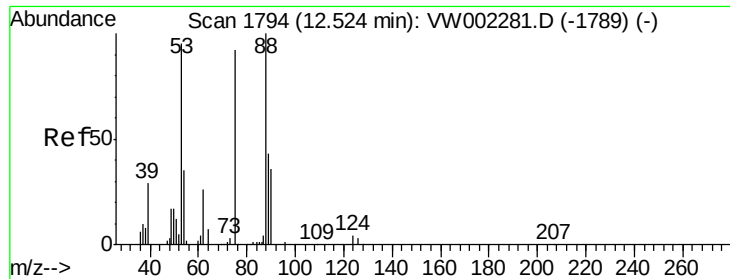
120 49.7 24.6 74.0



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: 20.23 ug/l

RT: 12.52 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VW002400.D

Acq: 11 May 2018 01:14

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBSD03

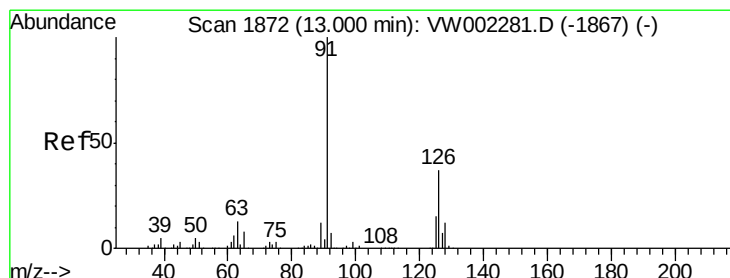
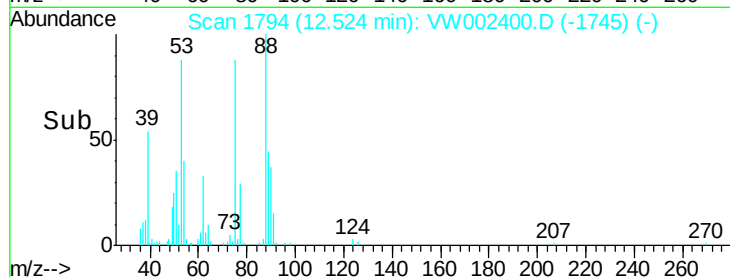
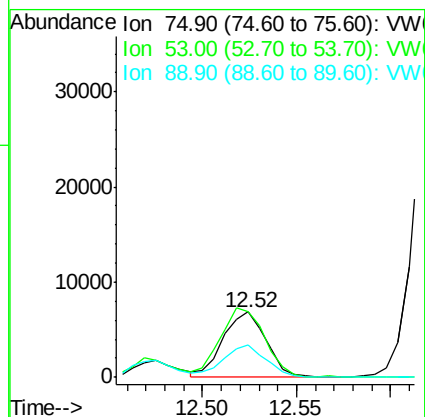
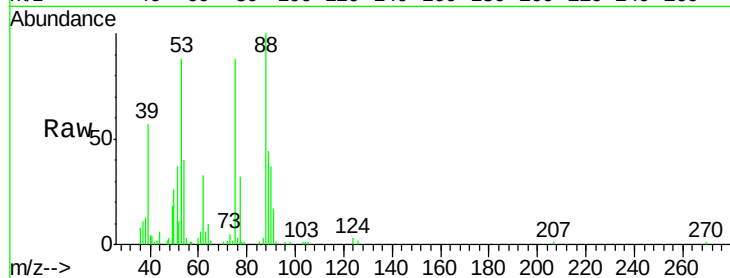
Tot Ion: 75 Resp: 10927

Ion Ratio Lower Upper

75 100

53 109.6 79.9 119.9

89 49.1 37.6 56.4



#82

4-Chlorotoluene

Concen: 20.96 ug/l

RT: 13.00 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VW002400.D

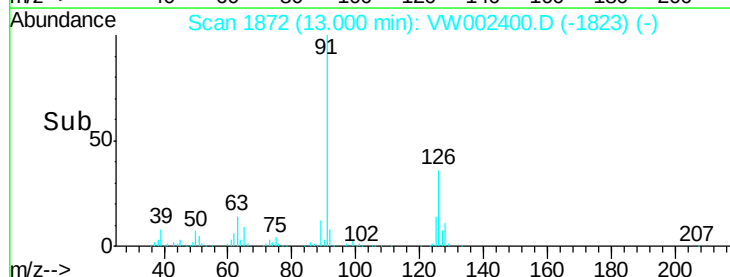
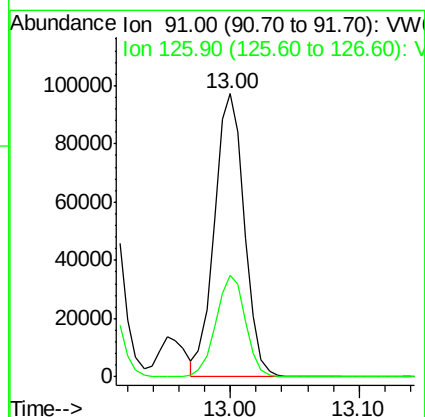
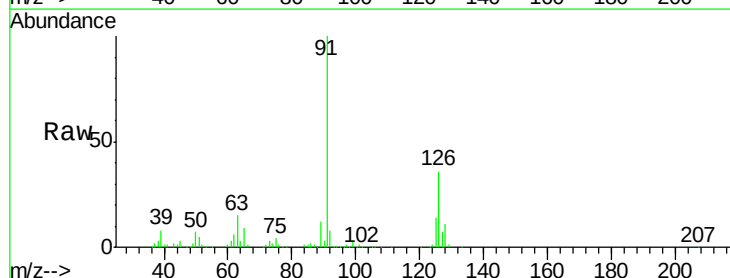
Acq: 11 May 2018 01:14

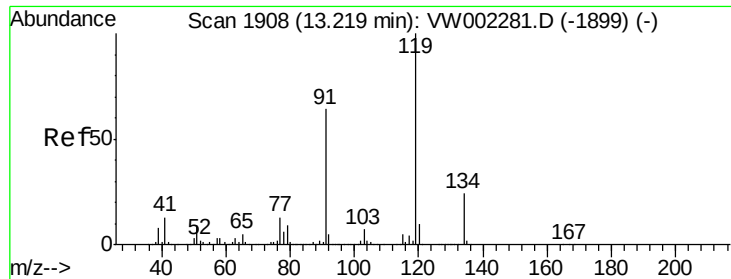
Tgt Ion: 91 Resp: 158575

Ion Ratio Lower Upper

91 100

126 35.2 17.4 52.3

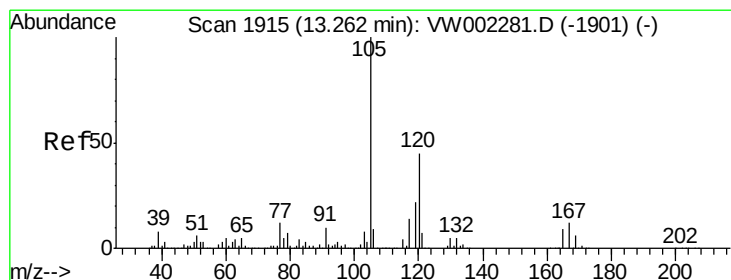
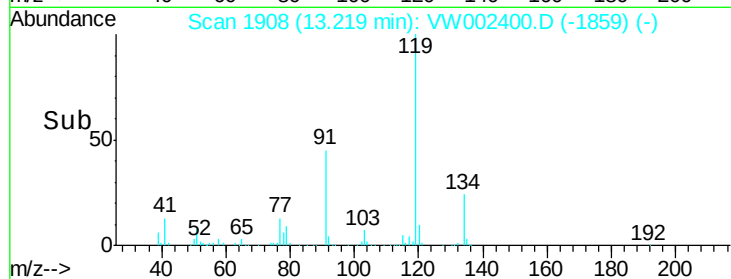
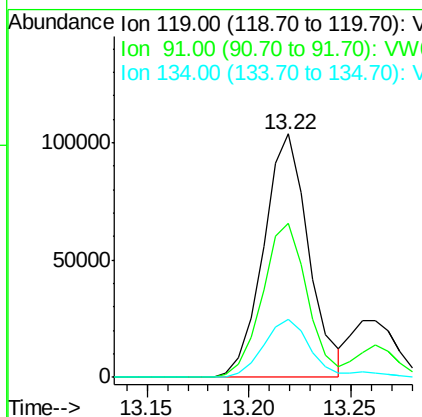
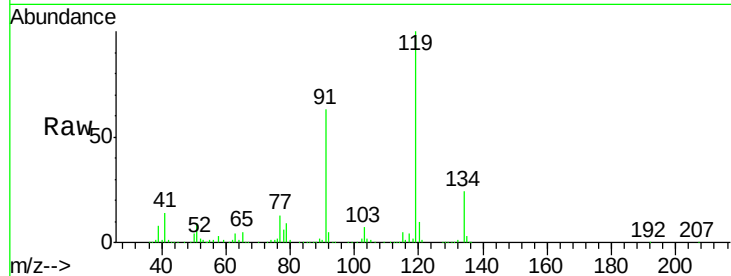




#83
 tert-Butylbenzene
 Concen: 21.18 ug/l
 RT: 13.22 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VW002400.D
 Acq: 11 May 2018 01:14

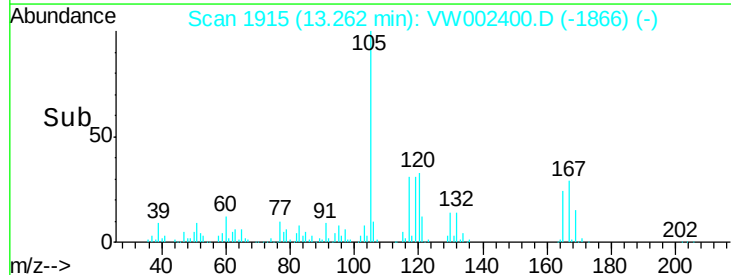
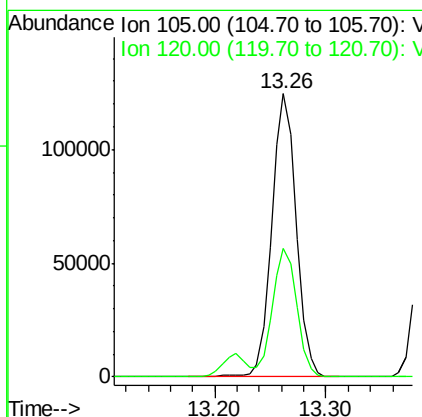
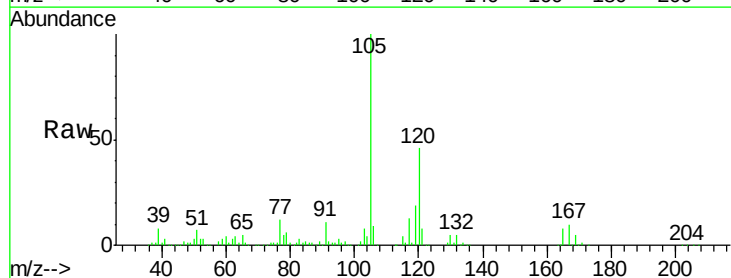
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBSD03

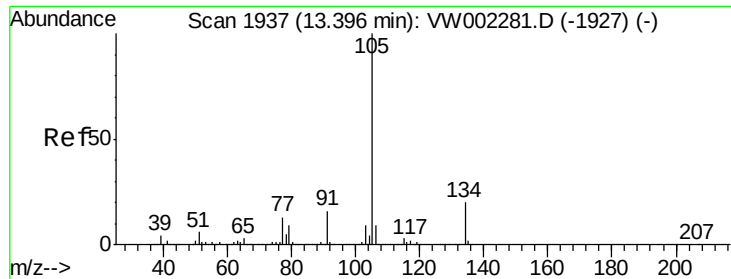
Tot Ion:119 Resp: 159870
 Ion Ratio Lower Upper
 119 100
 91 63.0 31.6 94.8
 134 25.9 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 20.87 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW002400.D
 Acq: 11 May 2018 01:14

Tgt Ion:105 Resp: 189669
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.5 67.5

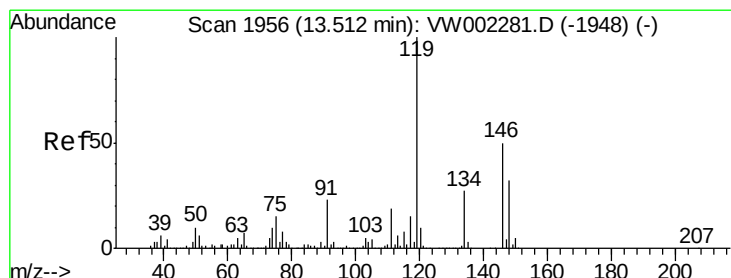
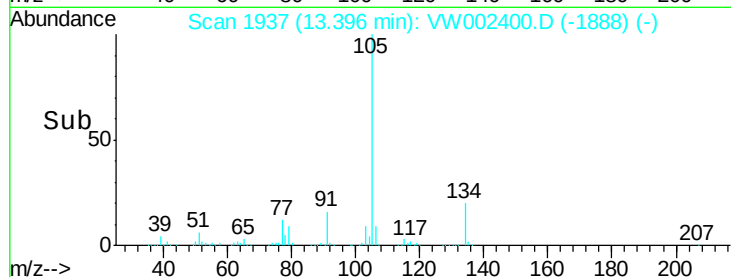
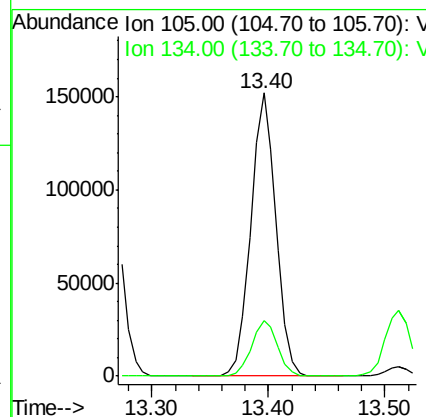
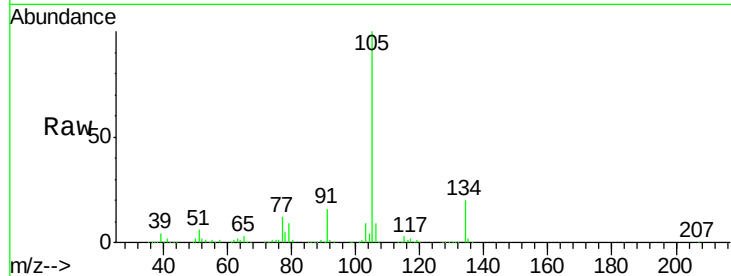




#85
 sec-Butylbenzene
 Concen: 21.09 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VW002400.D
 Acq: 11 May 2018 01:14

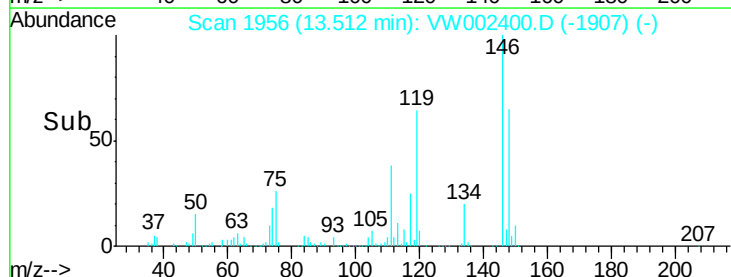
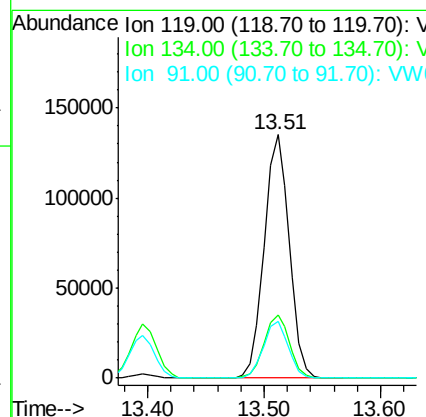
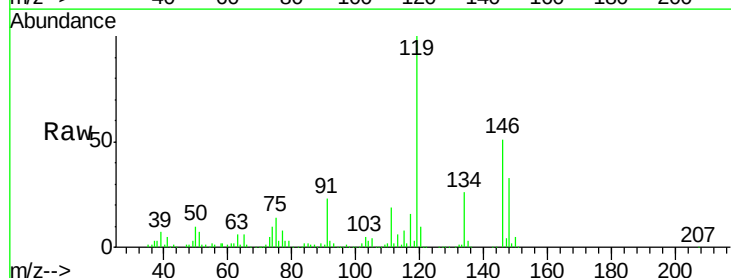
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBSD03

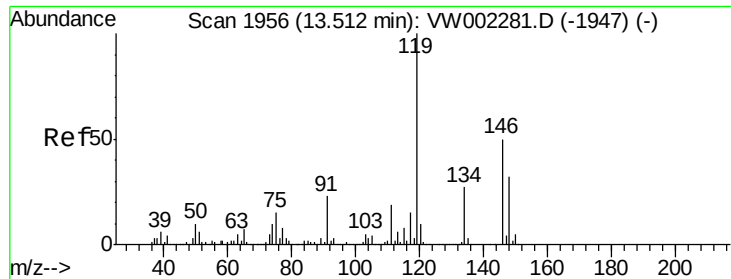
Tot Ion:105 Resp: 227290
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 21.06 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW002400.D
 Acq: 11 May 2018 01:14

Tgt Ion:119 Resp: 202924
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.9
 91 23.1 11.8 35.3

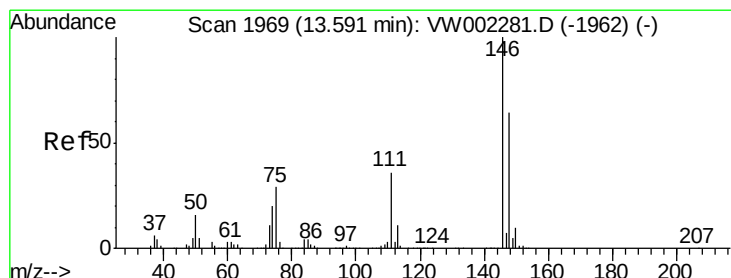
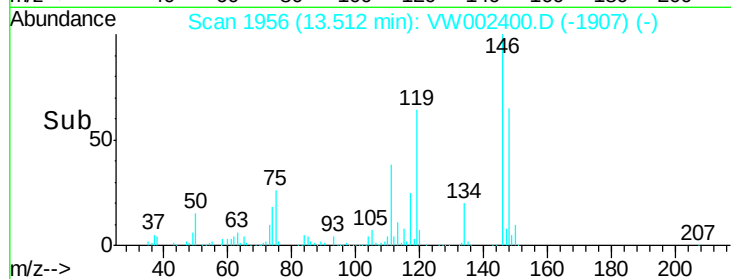
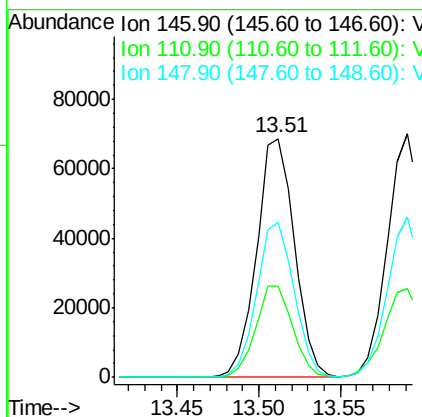
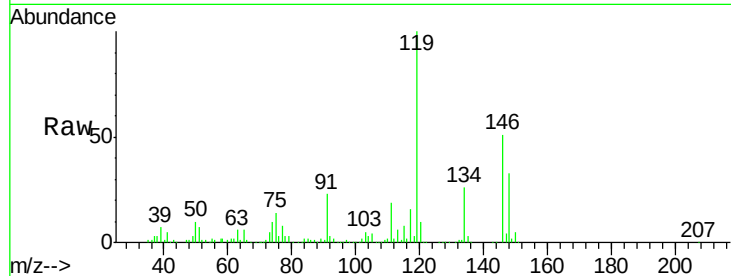




#87
 1,3-Dichlorobenzene
 Concen: 21.24 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW002400.D
 Acq: 11 May 2018 01:14

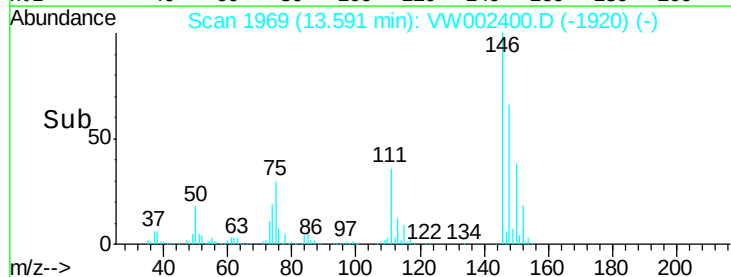
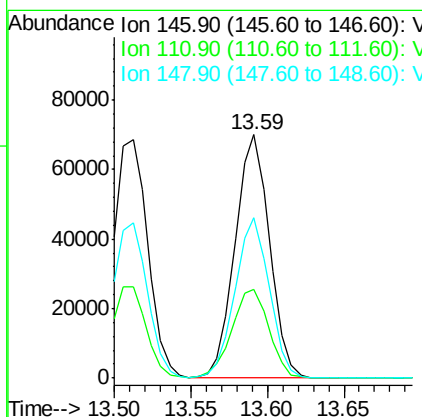
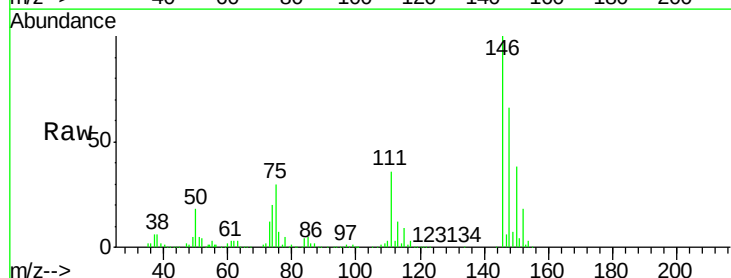
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBSD03

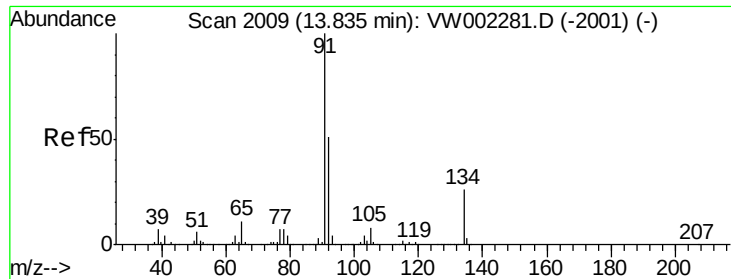
Tot Ion:146 Resp: 110474
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.3 57.8
 148 64.4 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 21.13 ug/l
 RT: 13.59 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VW002400.D
 Acq: 11 May 2018 01:14

Tgt Ion:146 Resp: 109717
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.0 57.0
 148 65.4 32.3 96.9





#89

n-Butylbenzene

Concen: 21.10 ug/l

RT: 13.84 min Scan# 2009

Delta R.T. -0.00 min

Lab File: VW002400.D

Acq: 11 May 2018 01:14

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBSD03

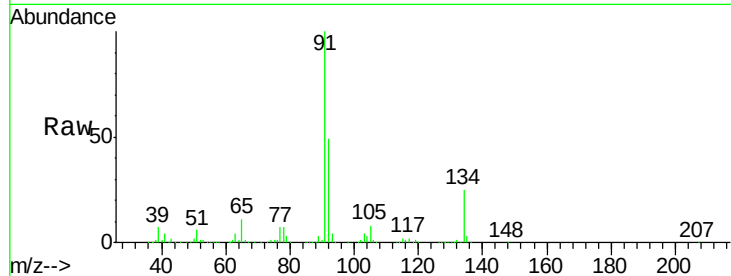
Tot Ion: 91 Resp: 190238

Ion Ratio Lower Upper

91 100

92 50.5 25.9 77.8

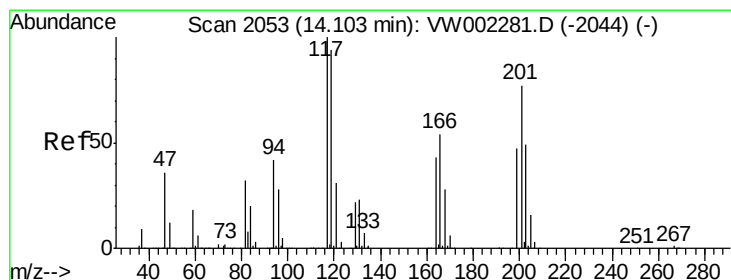
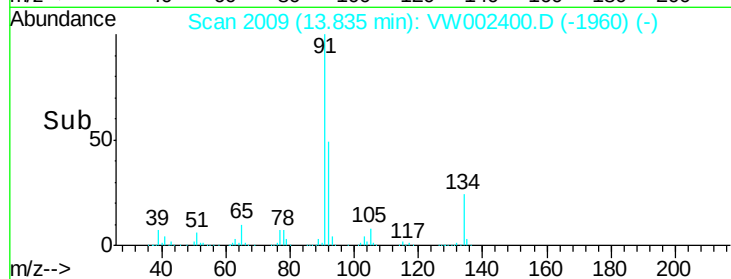
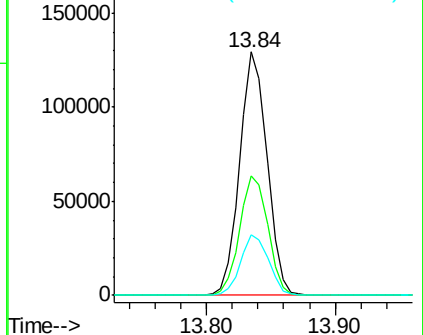
134 25.6 13.1 39.1



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: 20.36 ug/l

RT: 14.11 min Scan# 2054

Delta R.T. 0.01 min

Lab File: VW002400.D

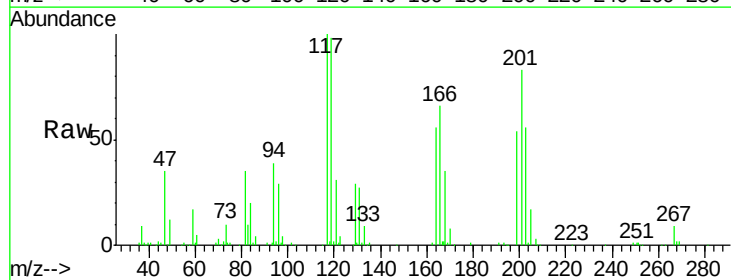
Acq: 11 May 2018 01:14

Tgt Ion: 117 Resp: 35075

Ion Ratio Lower Upper

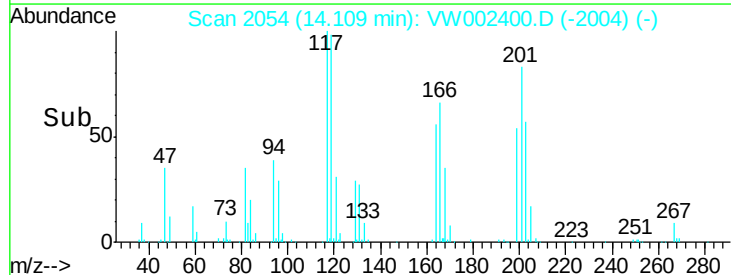
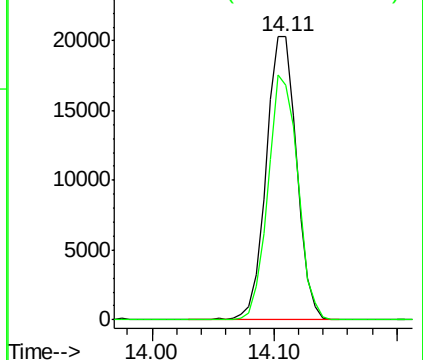
117 100

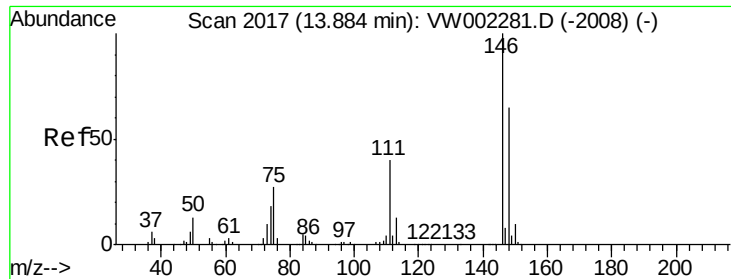
201 84.7 42.2 126.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 21.25 ug/l

RT: 13.88 min Scan# 2017

Delta R.T. -0.00 min

Lab File: VW002400.D

Acq: 11 May 2018 01:14

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBSD03

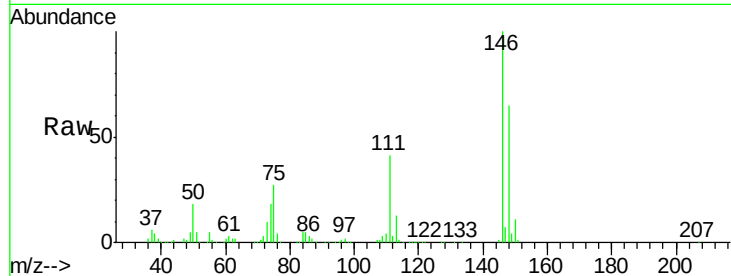
Tot Ion:146 Resp: 100279

Ion Ratio Lower Upper

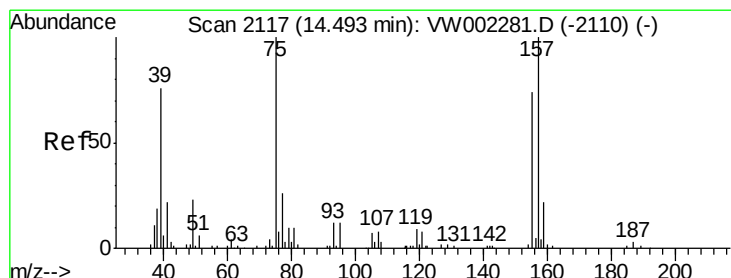
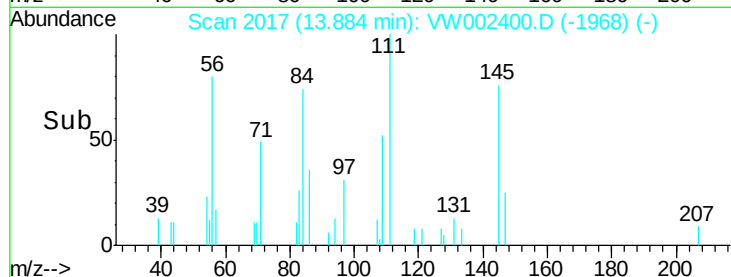
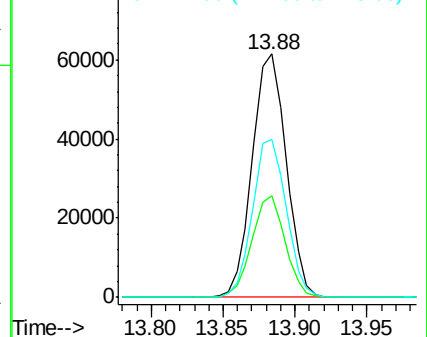
146 100

111 40.4 20.0 59.9

148 64.7 32.5 97.5



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.83 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VW002400.D

Acq: 11 May 2018 01:14

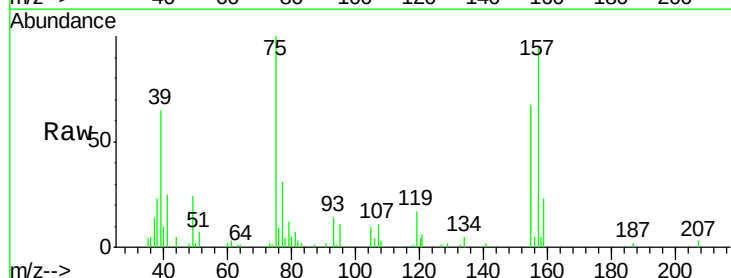
Tgt Ion: 75 Resp: 7951

Ion Ratio Lower Upper

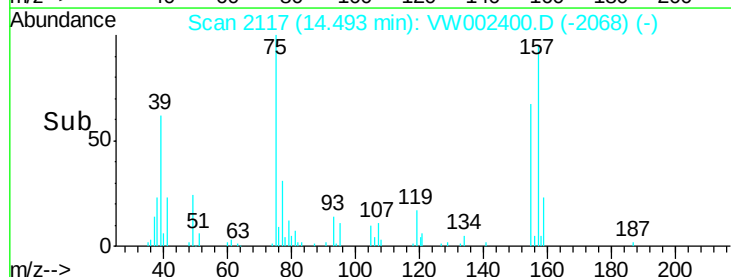
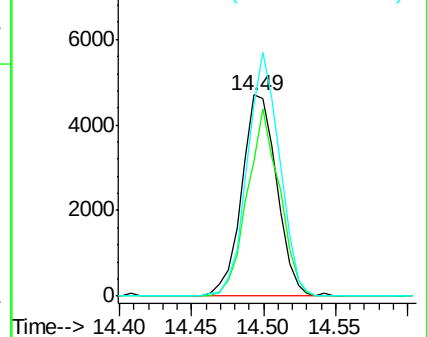
75 100

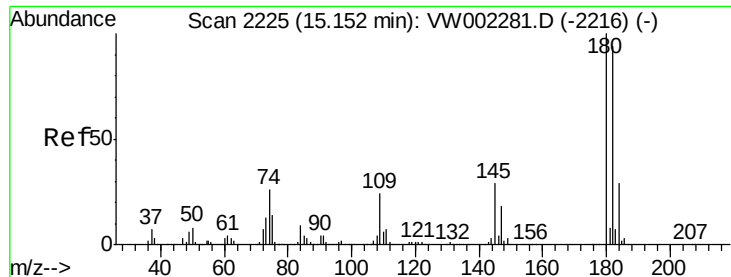
155 84.8 43.3 129.8

157 110.9 55.8 167.4



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

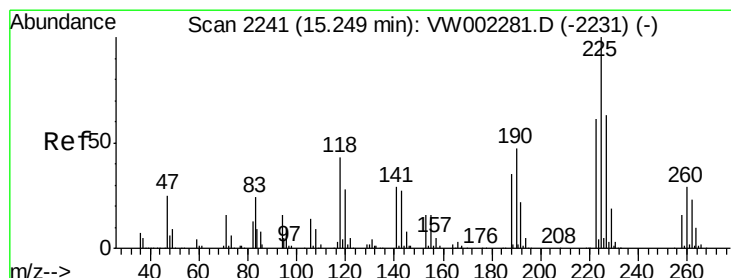
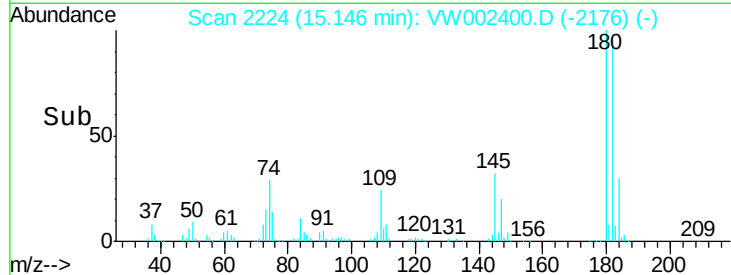
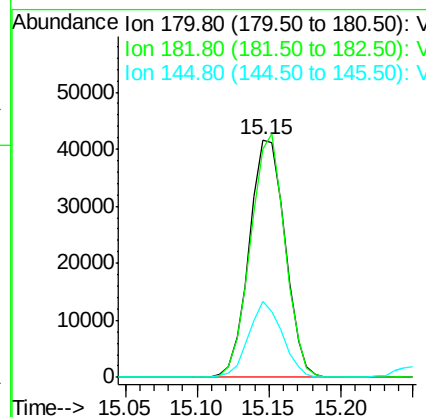
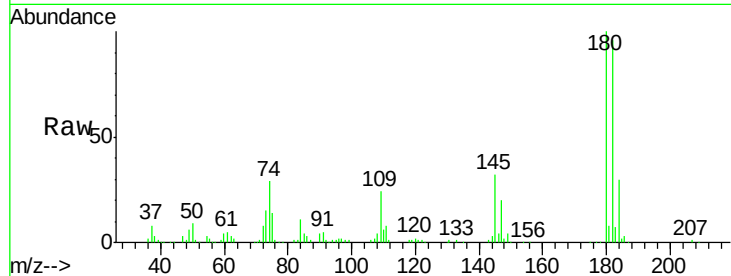




#93
 1,2,4-Trichlorobenzene
 Concen: 21.26 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: VW002400.D
 Acq: 11 May 2018 01:14

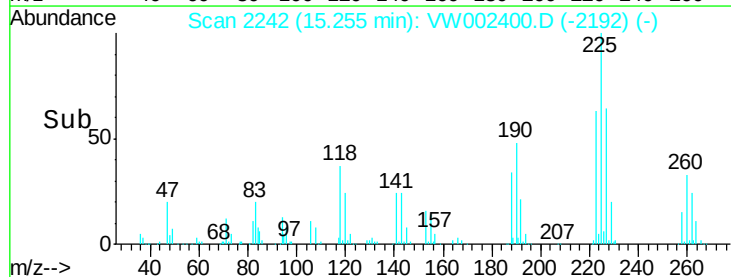
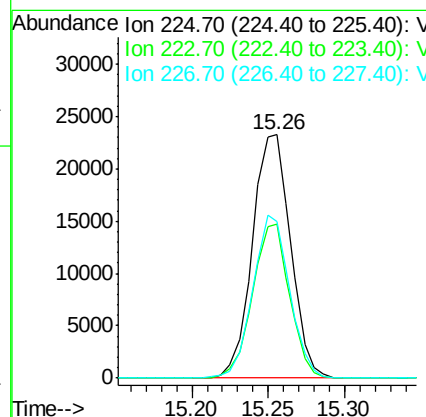
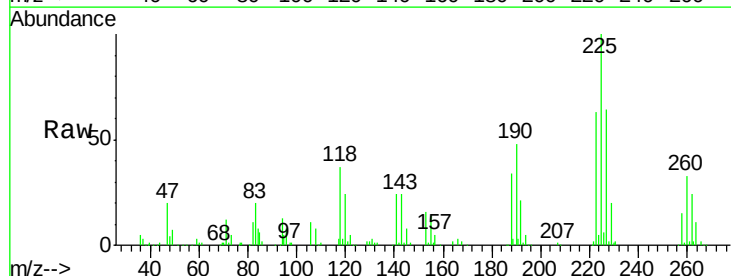
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBSD03

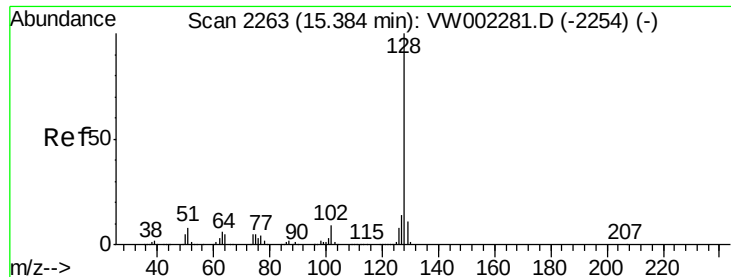
Tot Ion:180 Resp: 71723
 Ion Ratio Lower Upper
 180 100
 182 97.8 47.3 141.8
 145 30.0 14.5 43.6



#94
 Hexachlorobutadiene
 Concen: 21.46 ug/l
 RT: 15.26 min Scan# 2242
 Delta R.T. 0.01 min
 Lab File: VW002400.D
 Acq: 11 May 2018 01:14

Tgt Ion:225 Resp: 40333
 Ion Ratio Lower Upper
 225 100
 223 61.4 30.9 92.7
 227 64.4 32.0 96.0





#95

Naphthalene

Concen: 22.09 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VW002400.D

Acq: 11 May 2018 01:14

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBSD03

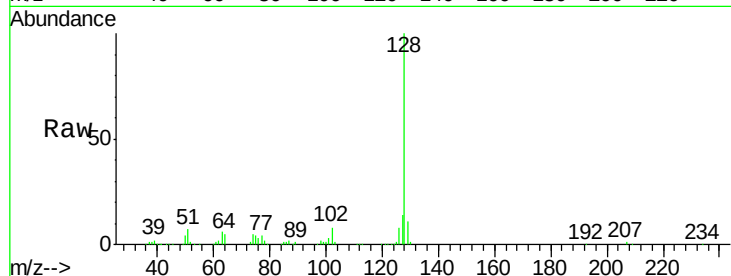
Tot Ion:128 Resp: 137011

Ion Ratio Lower Upper

128 100

127 13.7 11.0 16.4

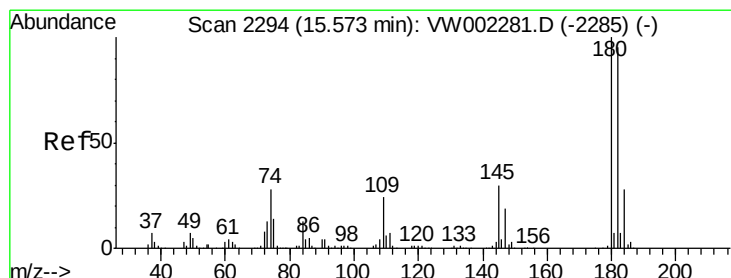
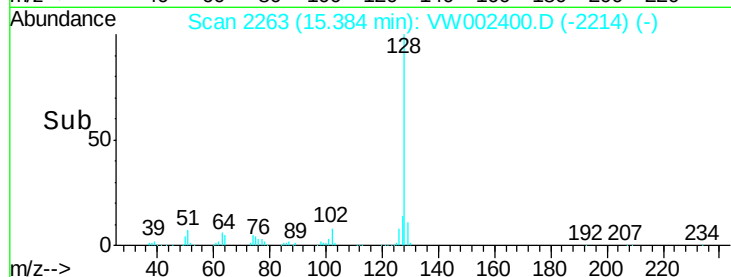
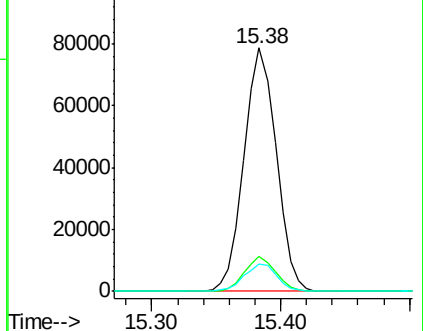
129 11.2 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.39 ug/l

RT: 15.57 min Scan# 2294

Delta R.T. -0.00 min

Lab File: VW002400.D

Acq: 11 May 2018 01:14

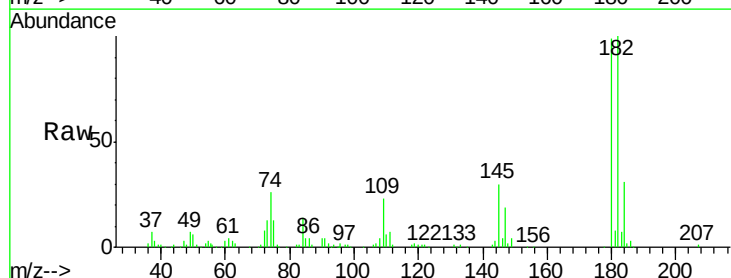
Tgt Ion:180 Resp: 64689

Ion Ratio Lower Upper

180 100

182 97.5 48.0 144.0

145 30.8 15.7 47.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

