

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
 Data File : VW002400.D
 Acq On : 11 May 2018 01:14
 Operator : JC/SY
 Sample : VW0510SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 11 04:57:54 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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 ClientSampleId :

Quant Time: May 11 04:57:54 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)
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	54588	38.36	ug/l #	1
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

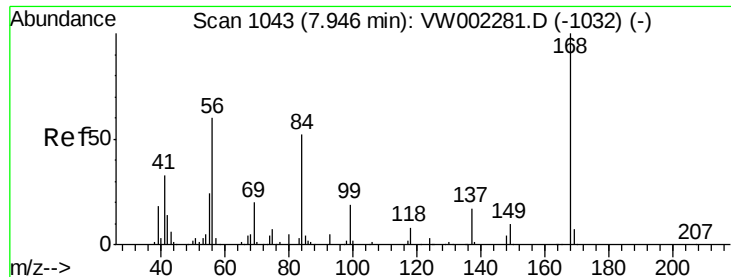
Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
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Quant Title : SW846 8260
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Response via : Initial Calibration

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



#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

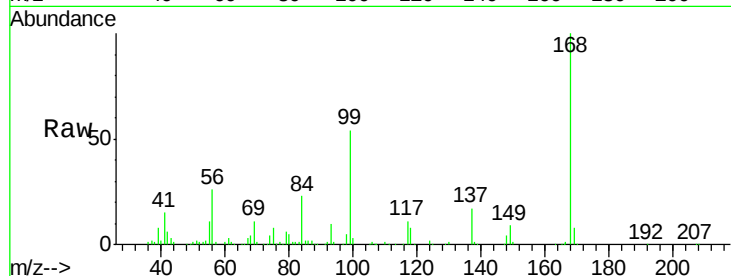
Instrument :
MSVOA_W
ClientSampleId :

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

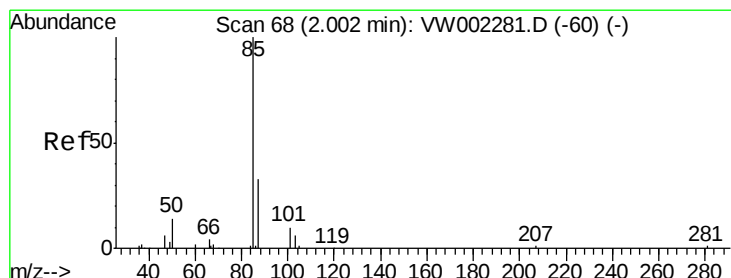
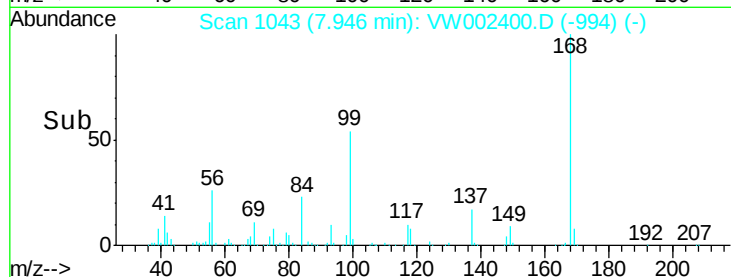
40000

20000

0

Time-->

7.90 8.00



#2

Dichlorodifluoromethane

Concen: 18.98 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW002400.D

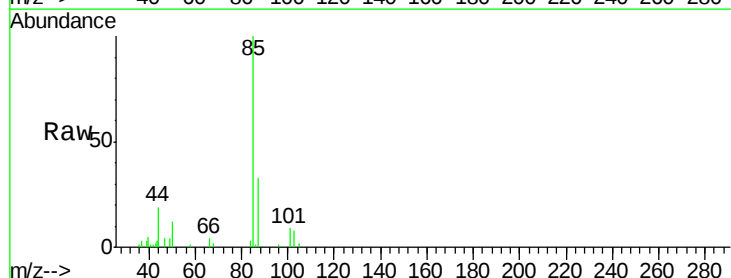
Acq: 11 May 2018 01:14

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

3000

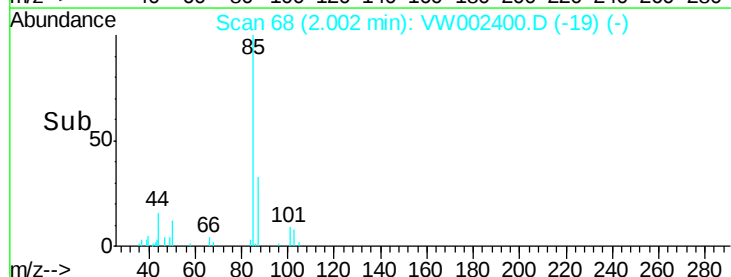
2000

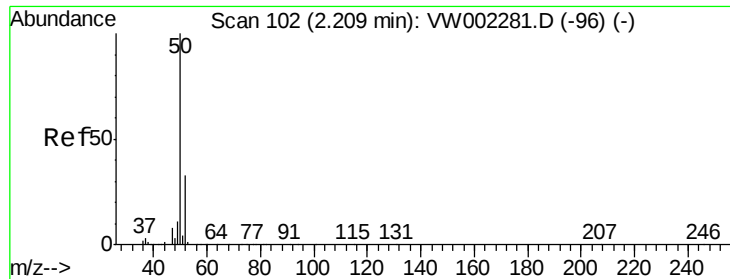
1000

0

Time-->

1.90 2.00 2.10





#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

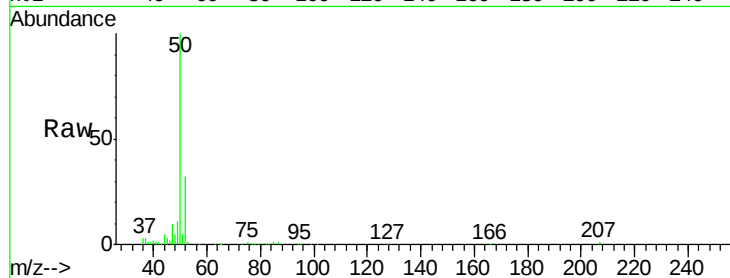
ClientSampled :

Tot Ion: 50 Resp: 33802

Ion Ratio Lower Upper

50 100

52 32.3 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.21

25000

20000

15000

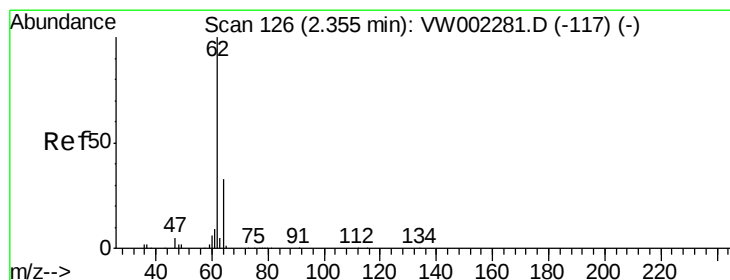
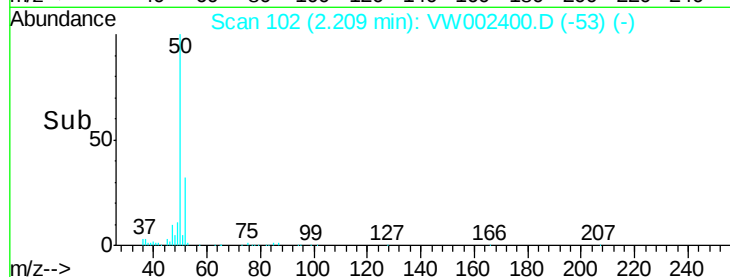
10000

5000

0

Time-->

2.15 2.20 2.25



#4

Vinyl Chloride

Concen: 20.11 ug/l

RT: 2.35 min Scan# 125

Delta R.T. -0.01 min

Lab File: VW002400.D

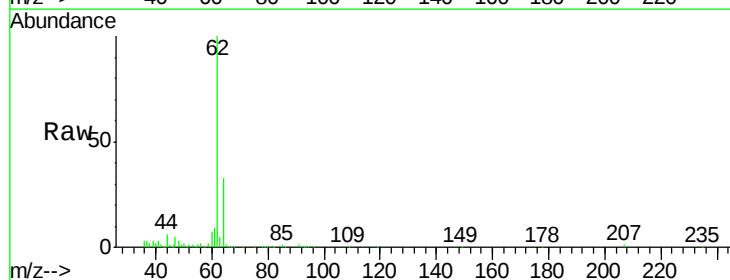
Acq: 11 May 2018 01:14

Tgt Ion: 62 Resp: 53588

Ion Ratio Lower Upper

62 100

64 33.0 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.35

30000

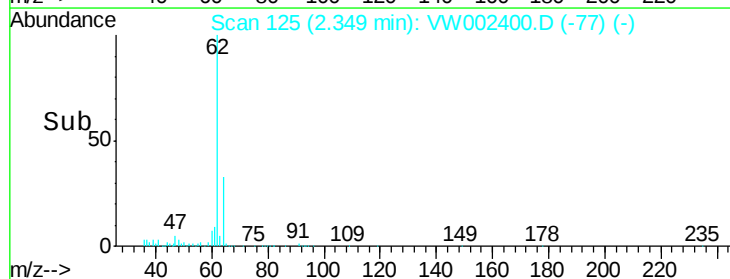
20000

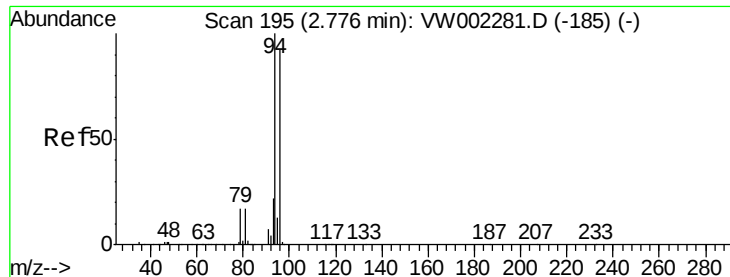
10000

0

Time-->

2.30 2.40





#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

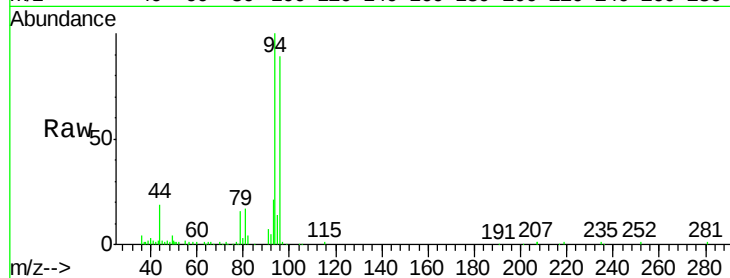
ClientSampled :

Tot Ion: 94 Resp: 45124

Ion Ratio Lower Upper

94 100

96 89.3 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.76

20000

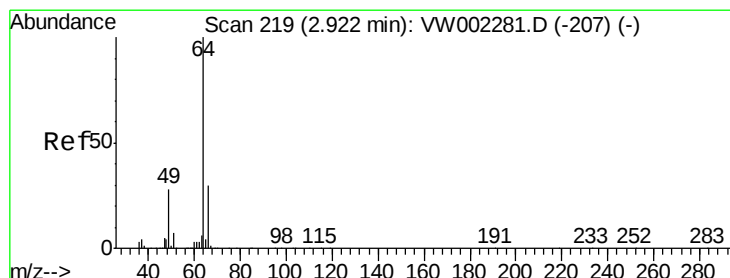
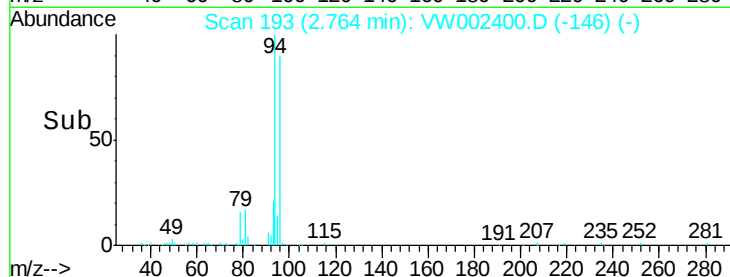
15000

10000

5000

0

Time--> 2.60 2.70 2.80 2.90



#6

Chloroethane

Concen: 21.23 ug/l

RT: 2.91 min Scan# 217

Delta R.T. -0.01 min

Lab File: VW002400.D

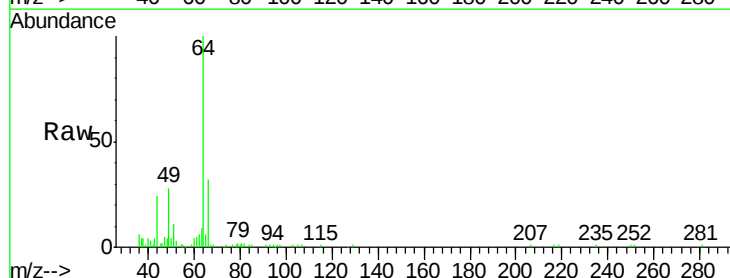
Acq: 11 May 2018 01:14

Tgt Ion: 64 Resp: 38185

Ion Ratio Lower Upper

64 100

66 31.7 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

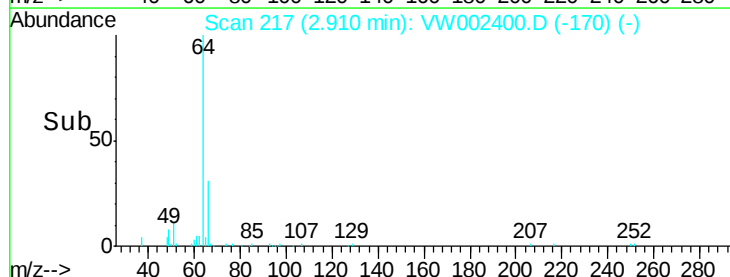
2.91

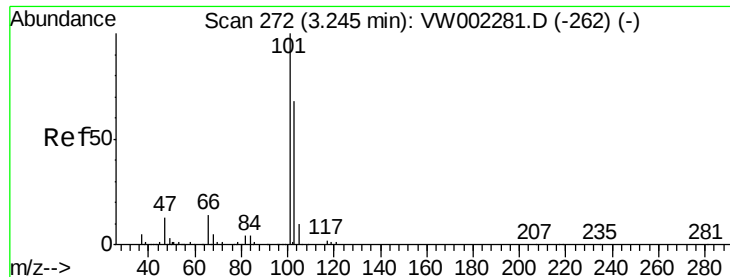
10000

5000

0

Time--> 2.80 2.90 3.00 3.10



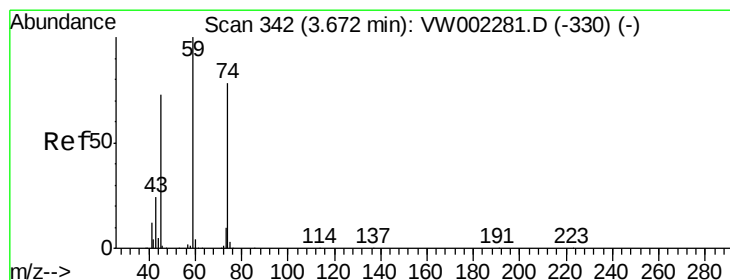
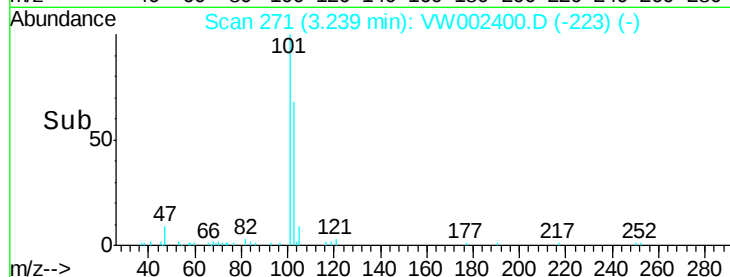
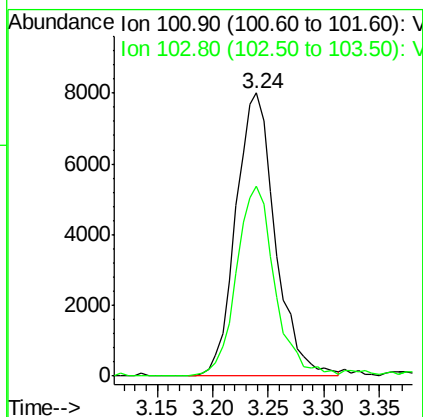
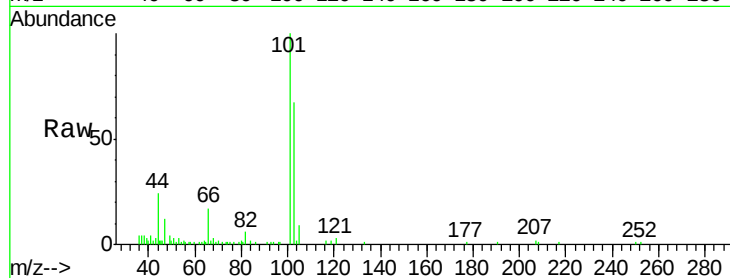


#7

Trichlorofluoromethane
Concen: 18.03 ug/l
RT: 3.24 min Scan# 271
Delta R.T. -0.01 min
Lab File: VW002400.D
Acq: 11 May 2018 01:14

Instrument :
MSVOA_W
ClientSampled :

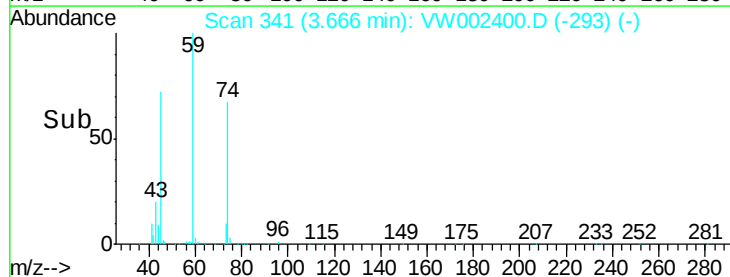
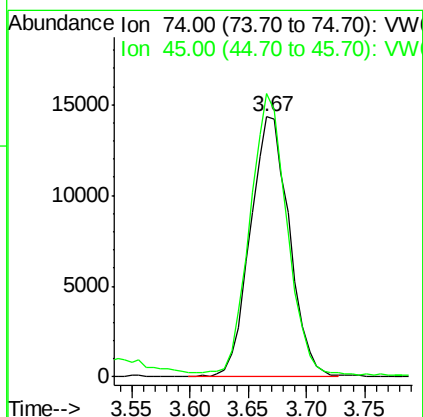
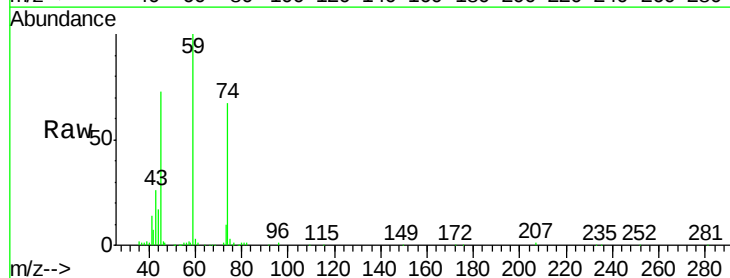
Tot Ion:101 Resp: 19627
Ion Ratio Lower Upper
101 100
103 67.3 54.6 82.0

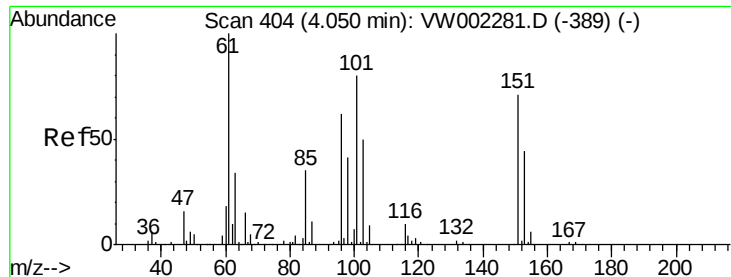


#8

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

ClientSampled :

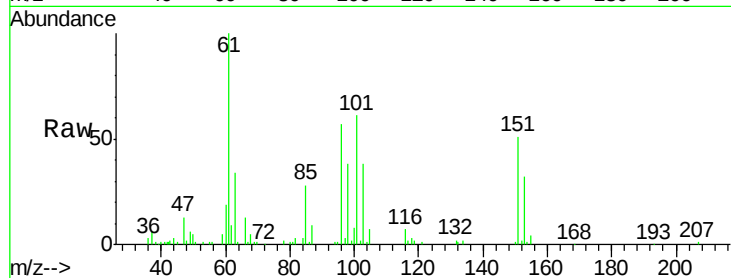
Tot Ion:101 Resp: 38301

Ion Ratio Lower Upper

101 100

85 43.7 35.9 53.9

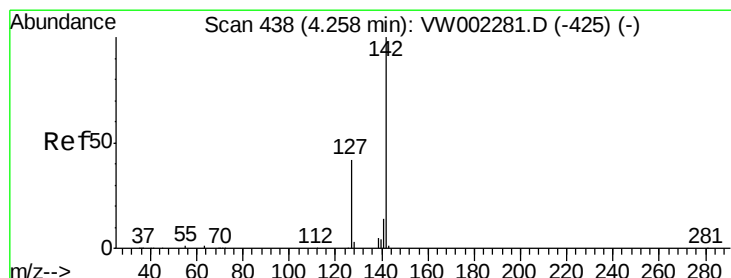
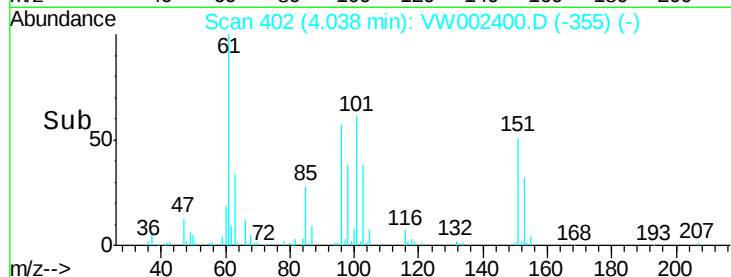
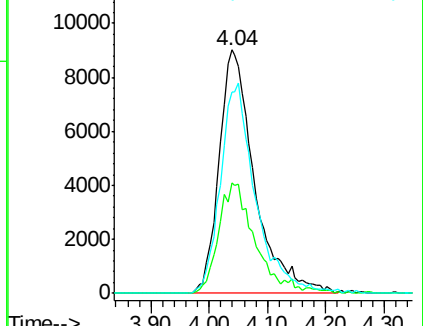
151 85.2 65.4 98.2



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

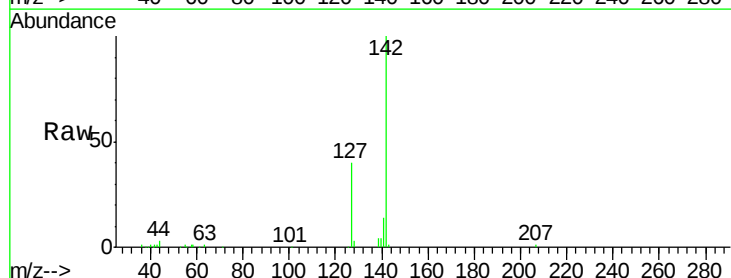
Tgt Ion:142 Resp: 61999

Ion Ratio Lower Upper

142 100

127 44.5 34.7 52.1

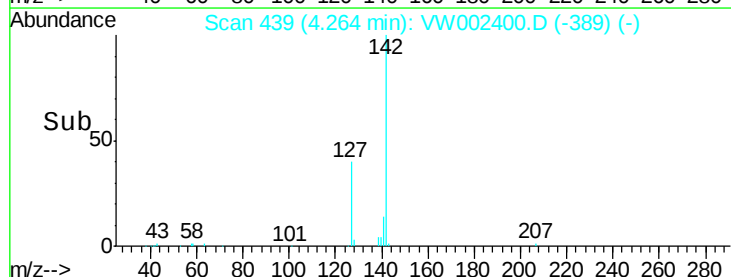
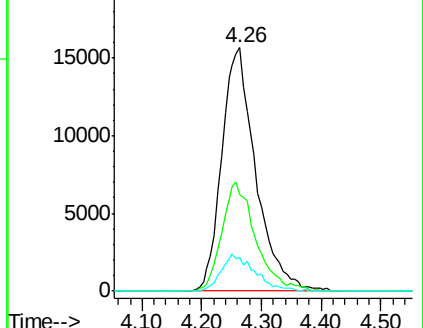
141 14.9 11.9 17.9

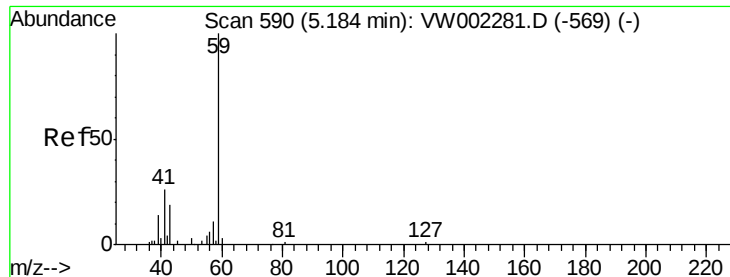


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



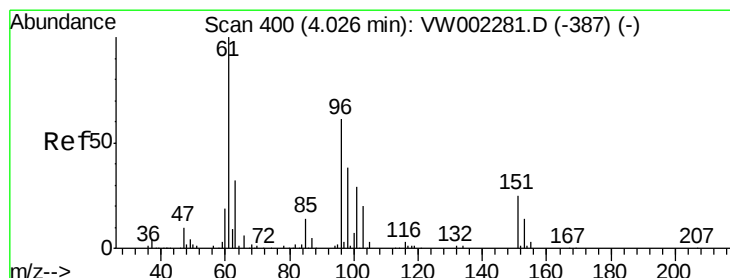
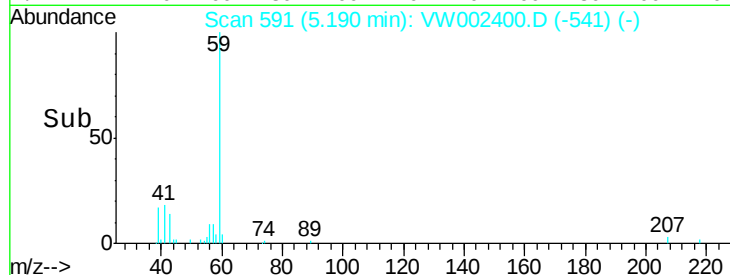
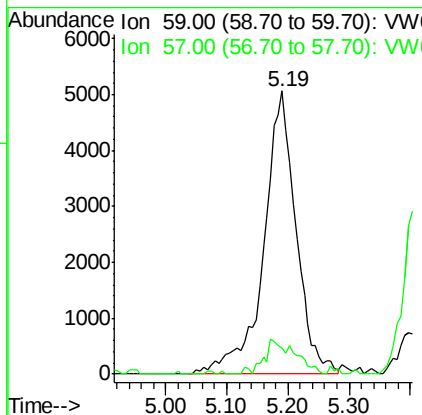
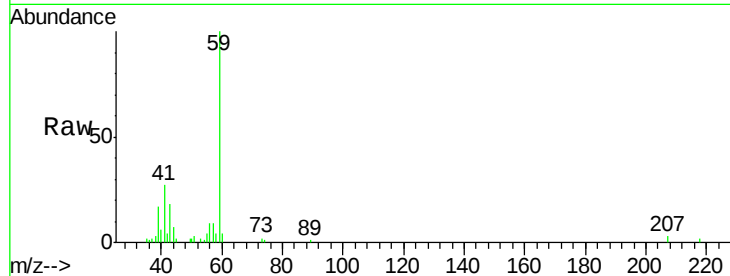


#11

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 :

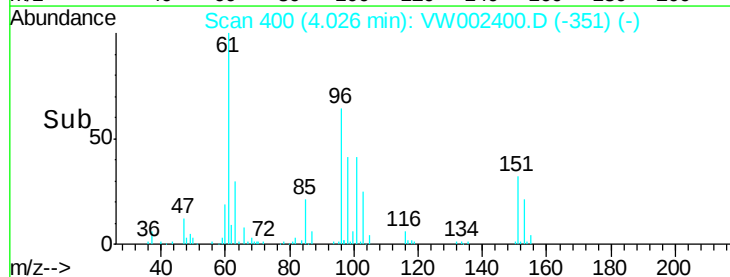
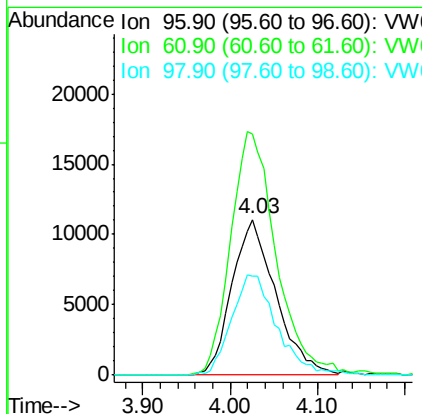
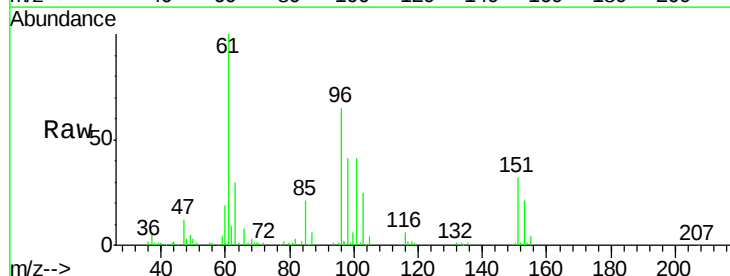
Tot Ion: 59 Resp: 18563
Ion Ratio Lower Upper
59 100
57 7.3 3.9 5.9#

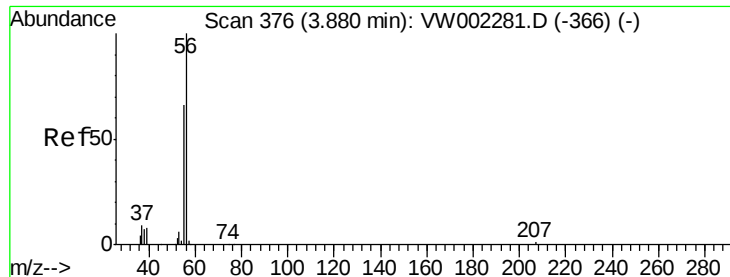


#12

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

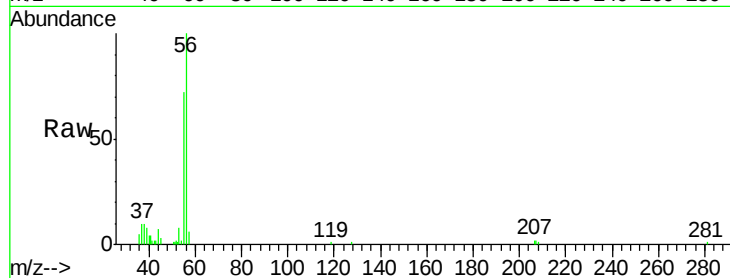
ClientSampled :

Tot Ion: 56 Resp: 11911

Ion Ratio Lower Upper

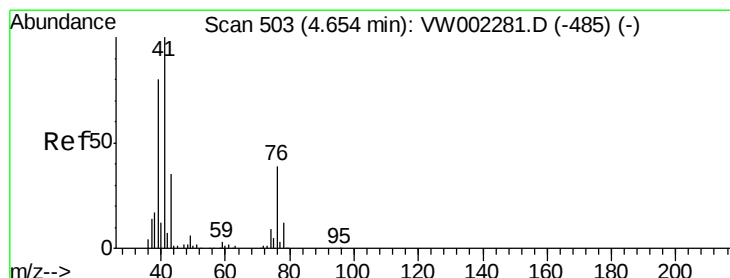
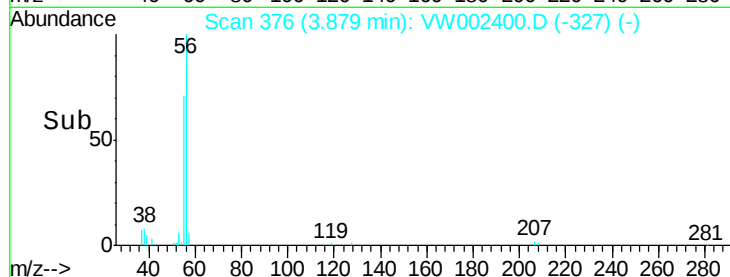
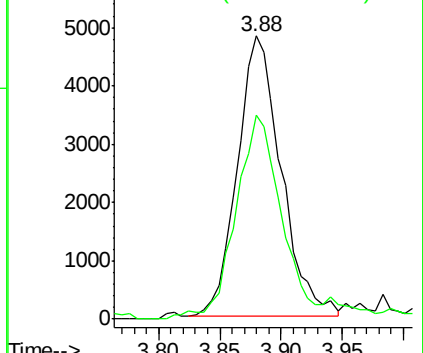
56 100

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

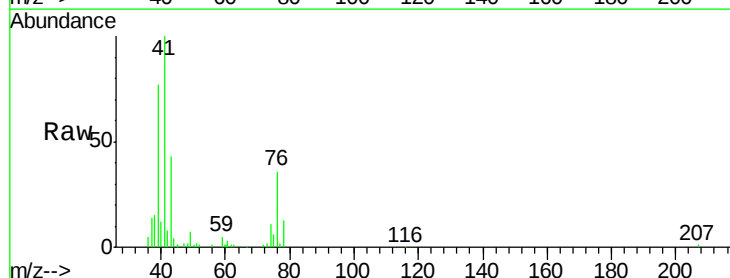
Tgt Ion: 41 Resp: 52870

Ion Ratio Lower Upper

41 100

39 73.5 61.7 92.5

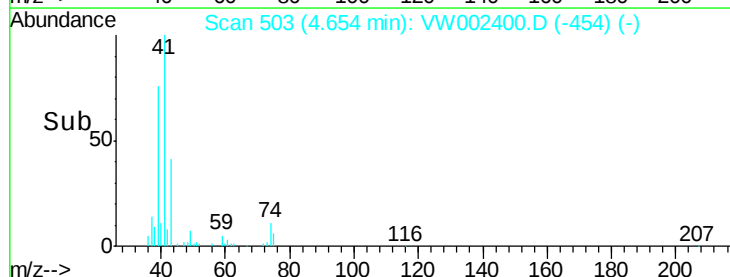
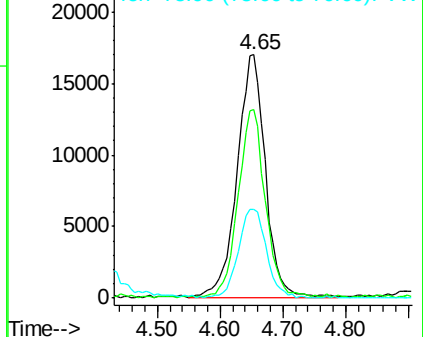
76 36.6 29.8 44.6

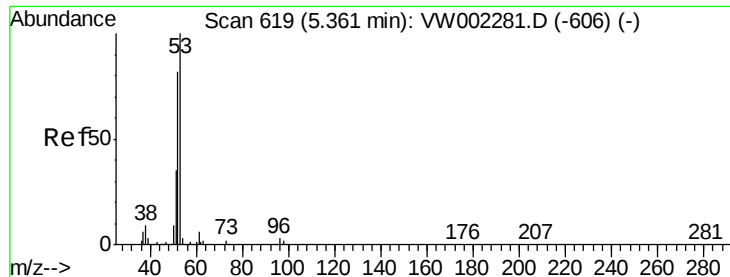


Abundance Ion 41.00 (40.70 to 41.70): VW

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

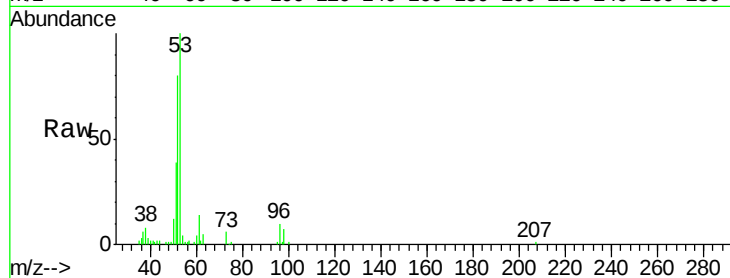
Lab File: VW002400.D

Acq: 11 May 2018 01:14

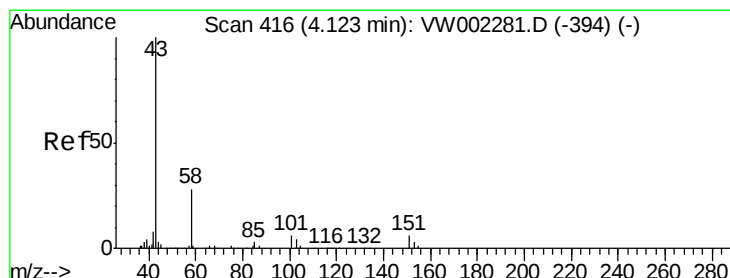
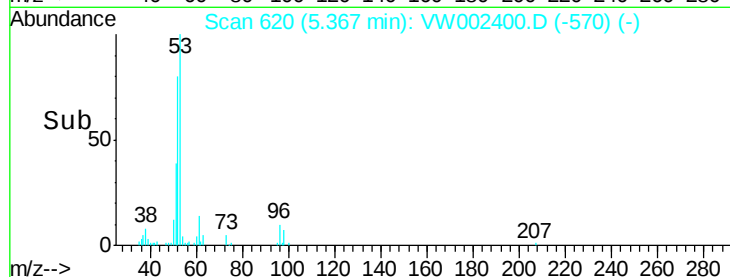
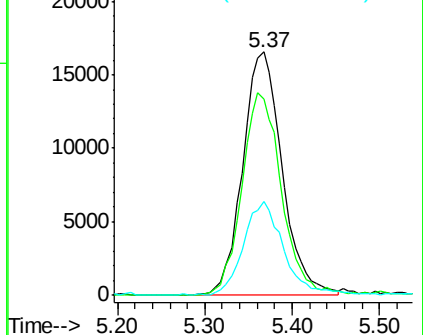
Instrument :
MSVOA_W
ClientSampleId :

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



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 110.87 ug/l

RT: 4.12 min Scan# 415

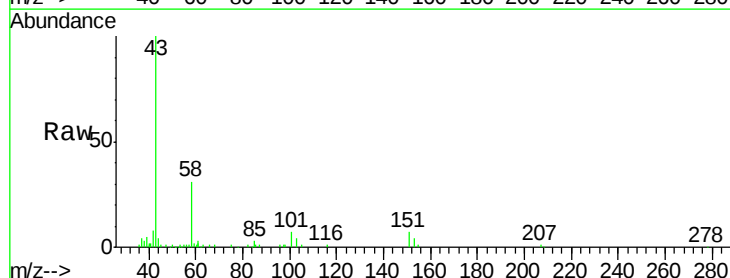
Delta R.T. -0.01 min

Lab File: VW002400.D

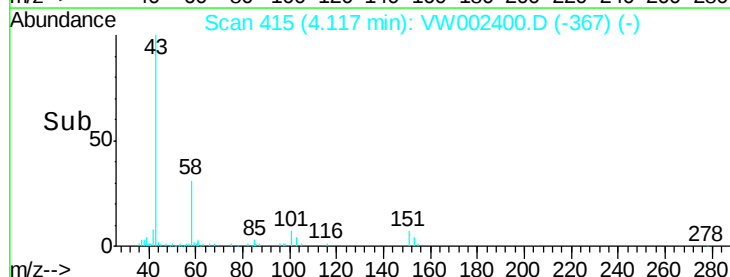
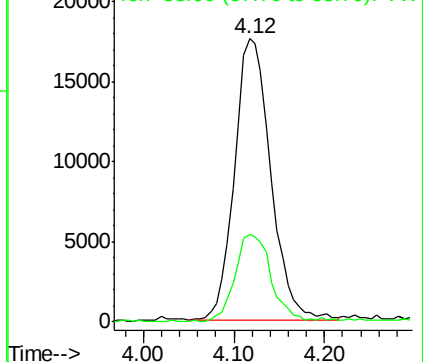
Acq: 11 May 2018 01:14

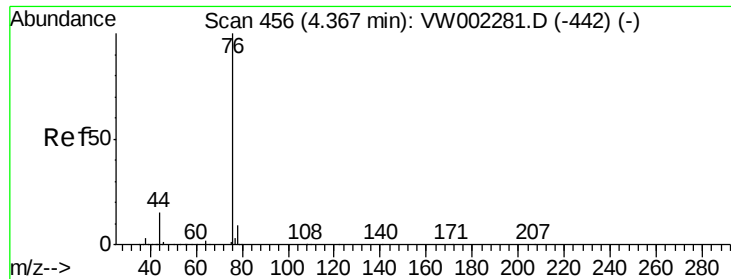
Tgt Ion: 43 Resp: 48418

Ion	Ratio	Lower	Upper
43	100		
58	31.0	22.2	33.4



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

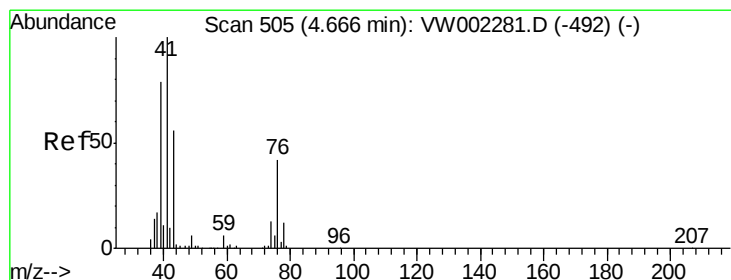
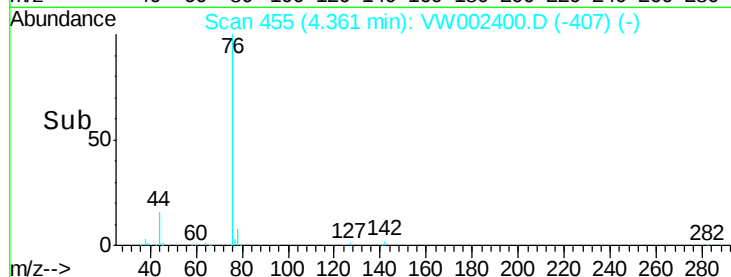
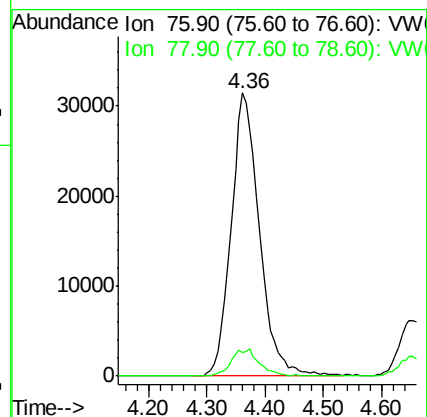
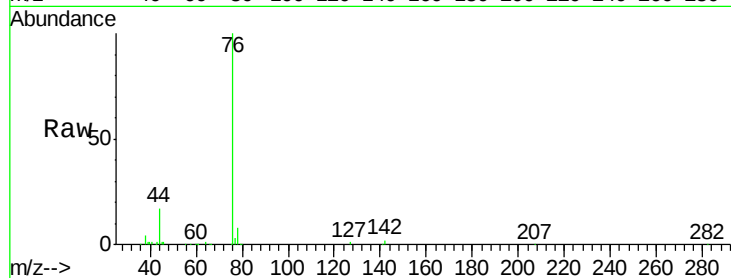




#17
Carbon Disulfide
Concen: 19.16 ug/l
RT: 4.36 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW002400.D
Acq: 11 May 2018 01:14

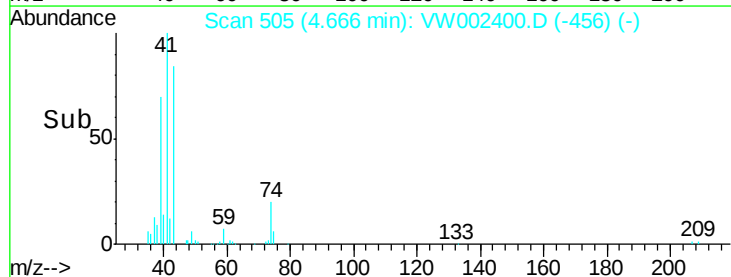
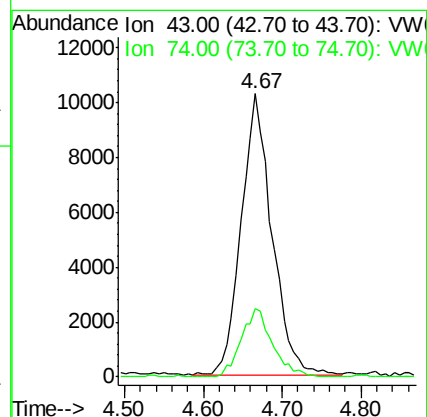
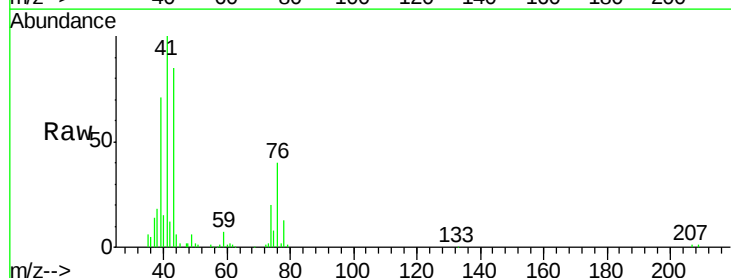
Instrument :
MSVOA_W
ClientSampleId :

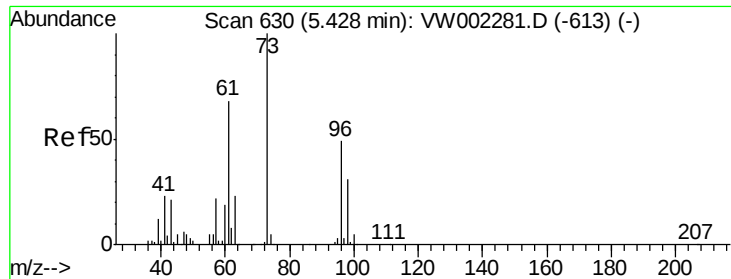
Tot Ion: 76 Resp: 106171
Ion Ratio Lower Upper
76 100
78 8.3 6.9 10.3



#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

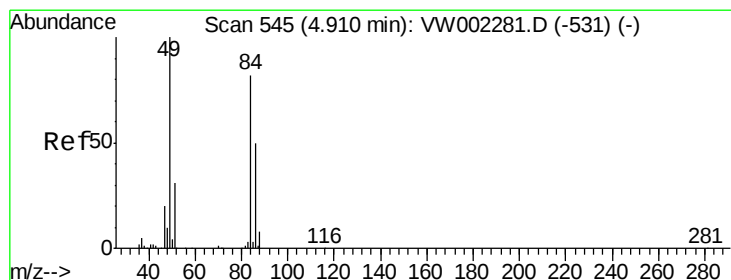
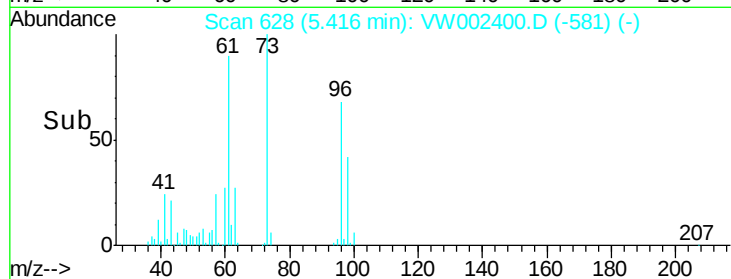
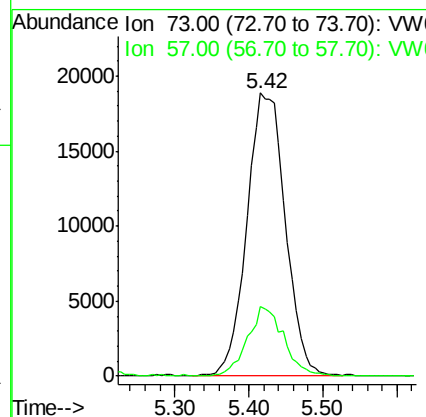
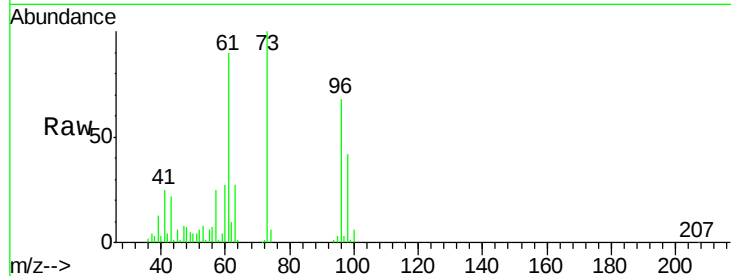




#19
Methvl tert-butvl Ether
Concen: 20.54 ug/l
RT: 5.42 min Scan# 628
Delta R.T. -0.01 min
Lab File: VW002400.D
Acq: 11 May 2018 01:14

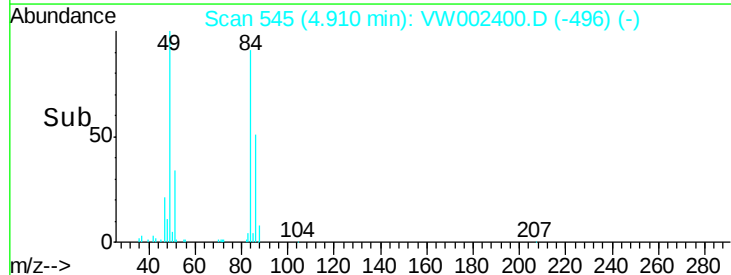
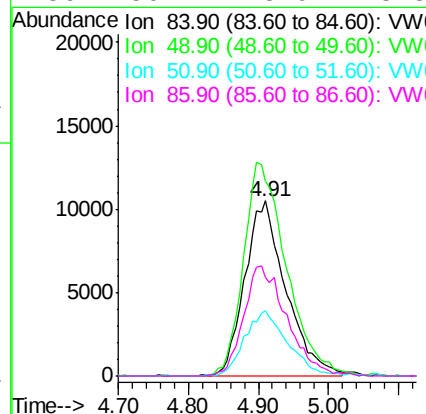
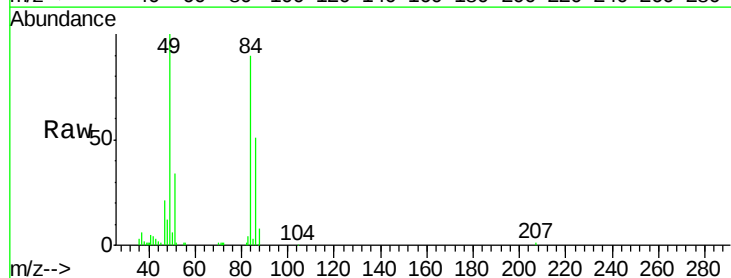
Instrument :
MSVOA_W
ClientSampleId :

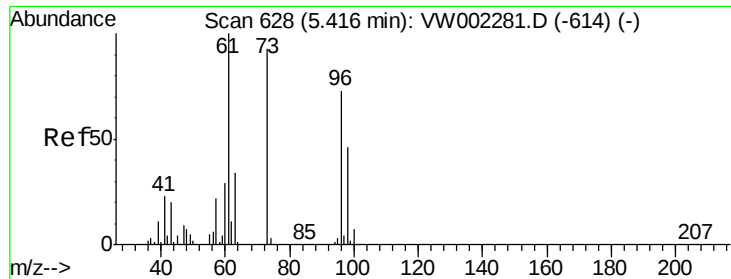
Tot Ion: 73 Resp: 68437
Ion Ratio Lower Upper
73 100
57 24.6 17.7 26.5



#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
ClientSampled :

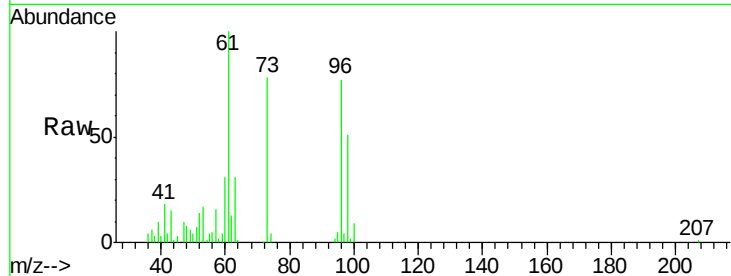
Tot Ion: 96 Resp: 42648

Ion Ratio Lower Upper

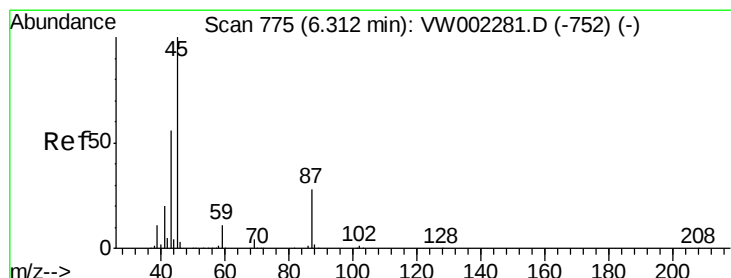
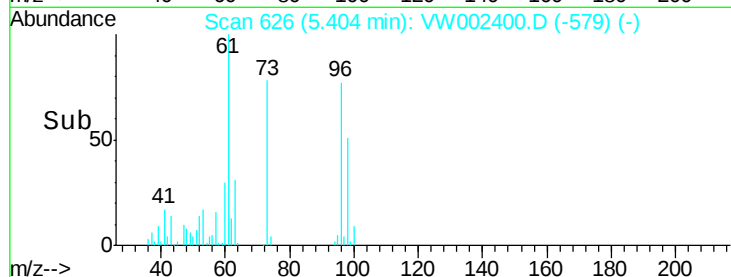
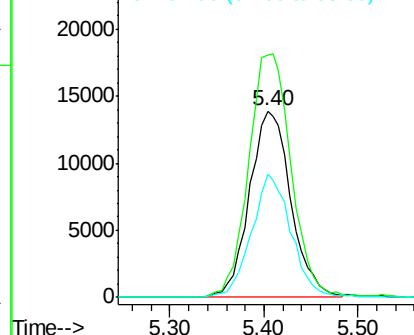
96 100

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

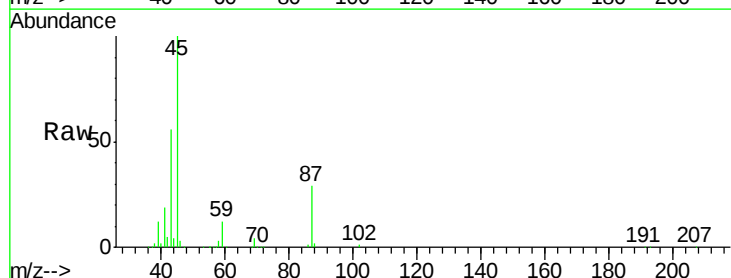
Ion Ratio Lower Upper

45 100

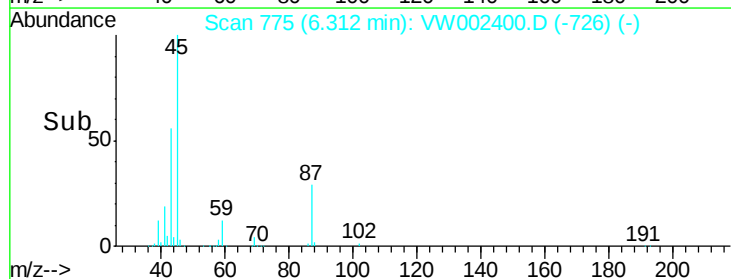
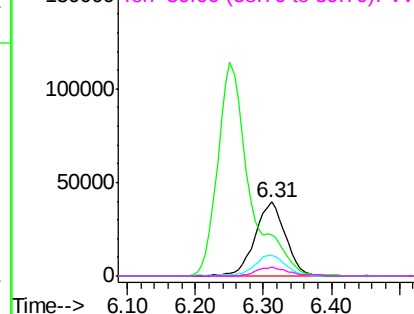
43 55.4 44.5 66.7

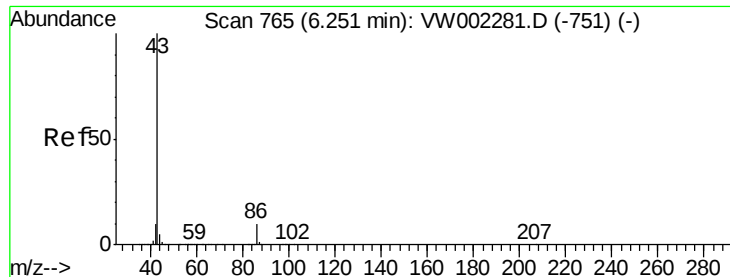
87 28.7 22.2 33.4

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

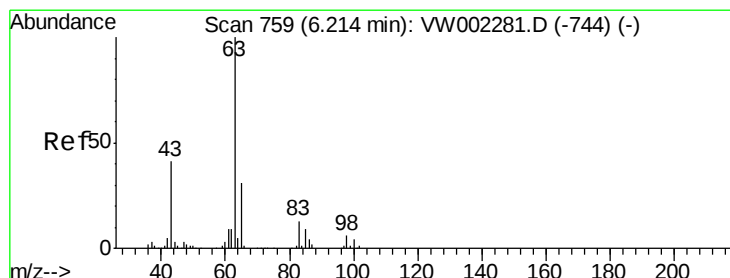
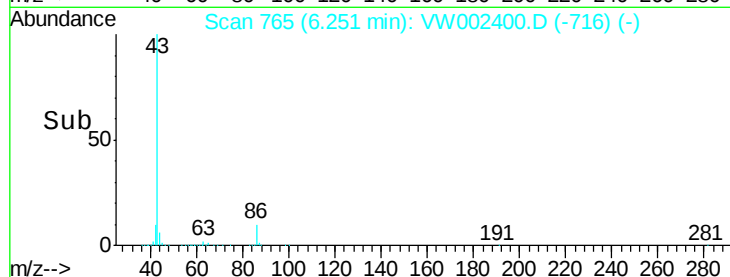
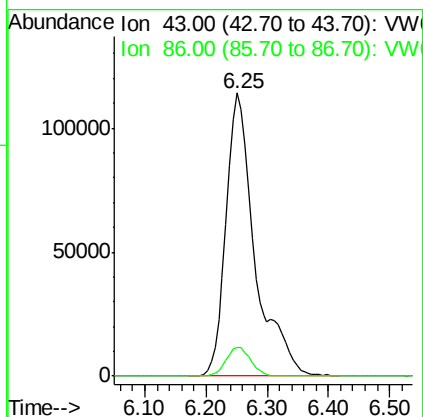
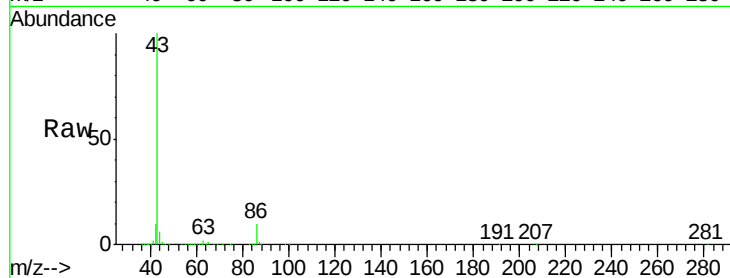
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 372529

Ion Ratio Lower Upper

43 100

86 10.1 7.9 11.9



#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

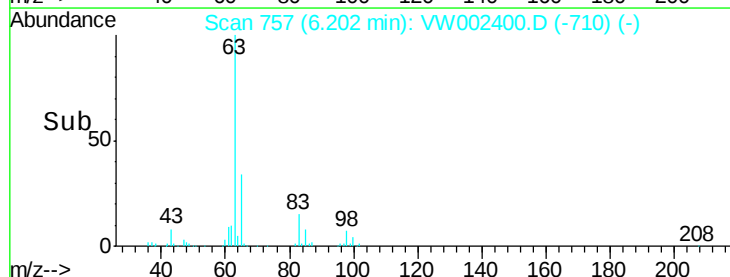
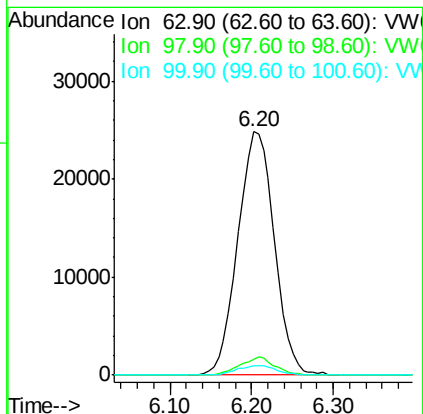
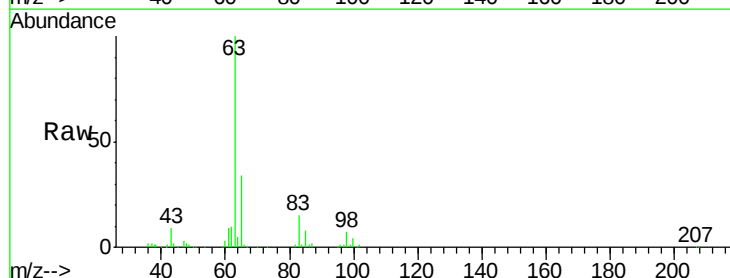
Tgt Ion: 63 Resp: 77261

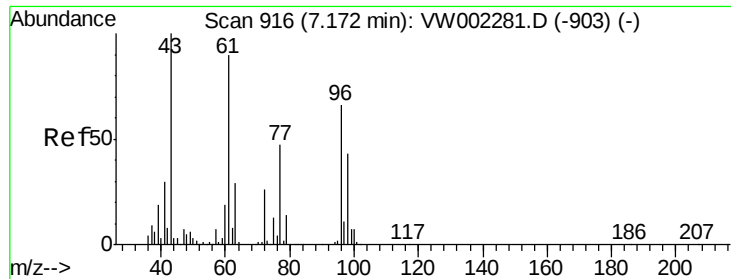
Ion Ratio Lower Upper

63 100

98 6.5 2.9 8.7

100 4.0 2.0 6.0

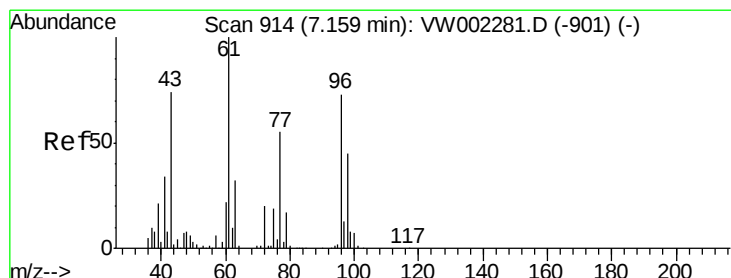
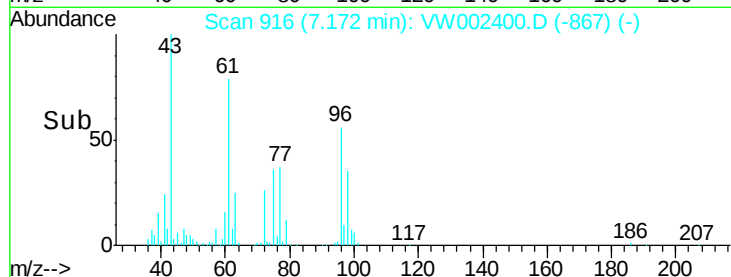
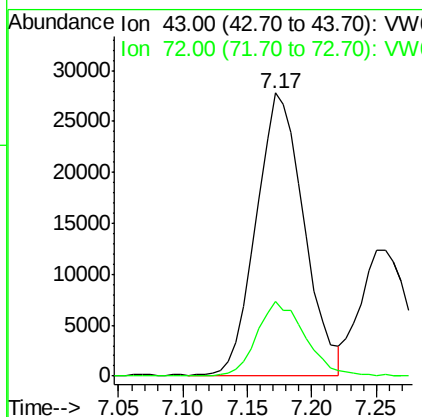
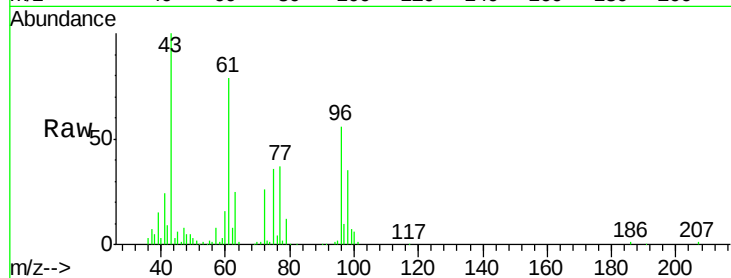




#25
2-Butanone
Concen: 109.93 ug/l
RT: 7.17 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW002400.D
Acq: 11 May 2018 01:14

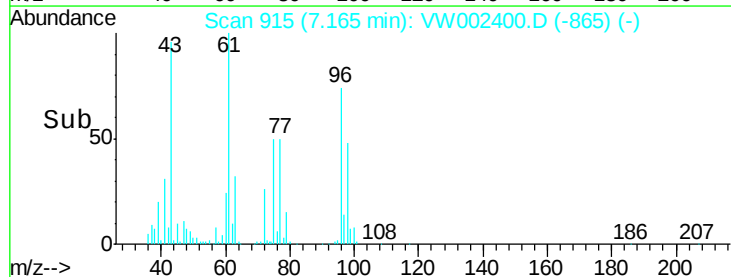
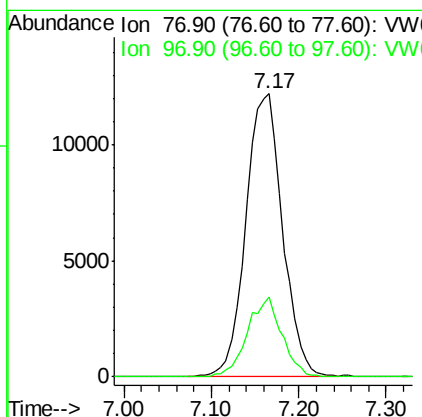
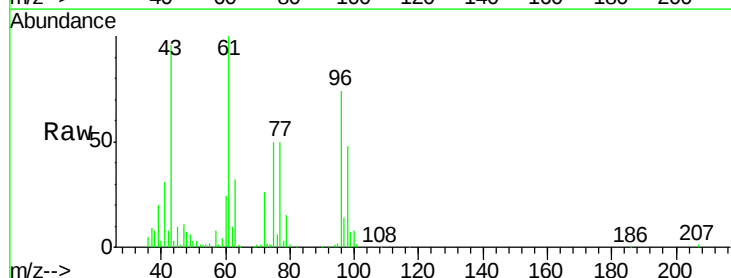
Instrument :
MSVOA_W
ClientSampled :

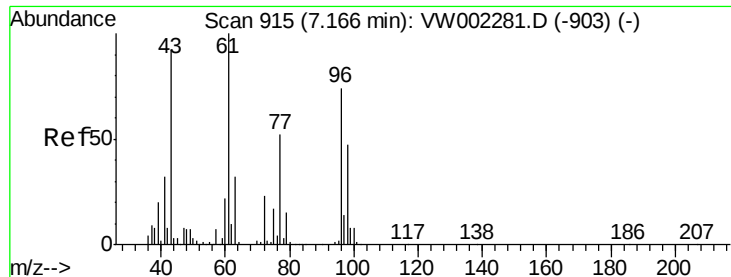
Tot Ion: 43 Resp: 71285
Ion Ratio Lower Upper
43 100
72 26.4 20.6 31.0



#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



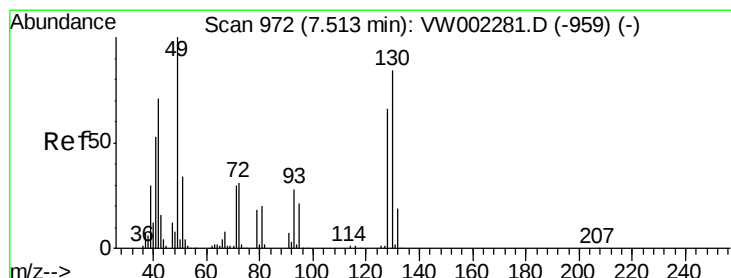
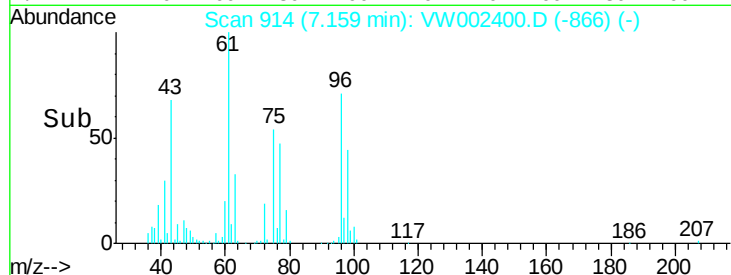
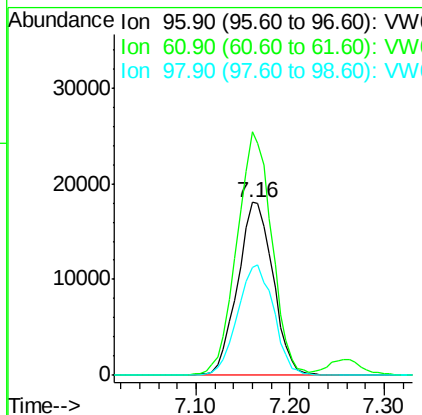
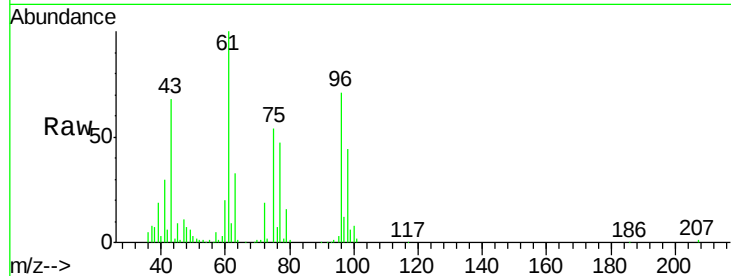


#27

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
ClientSampled :

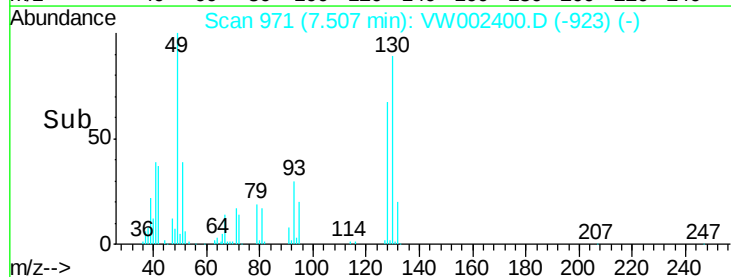
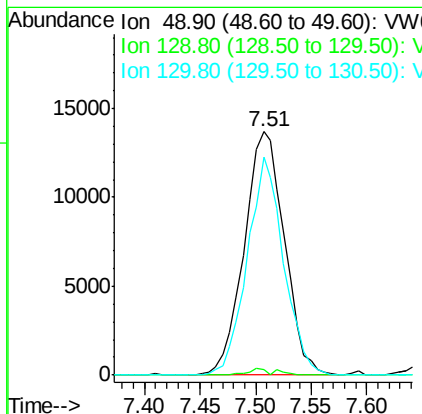
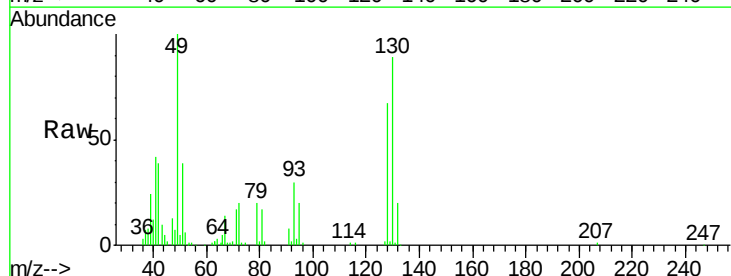
Tot Ion: 96 Resp: 47268
Ion Ratio Lower Upper
96 100
61 138.8 0.0 274.8
98 65.1 0.0 128.4

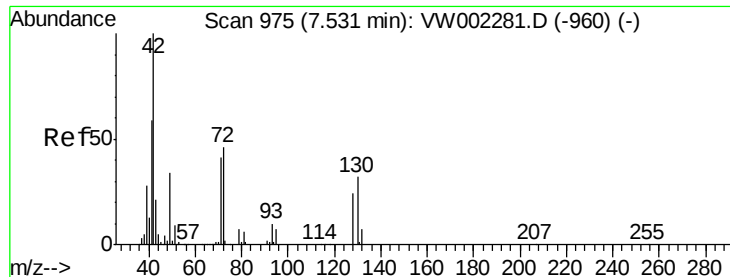


#28

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

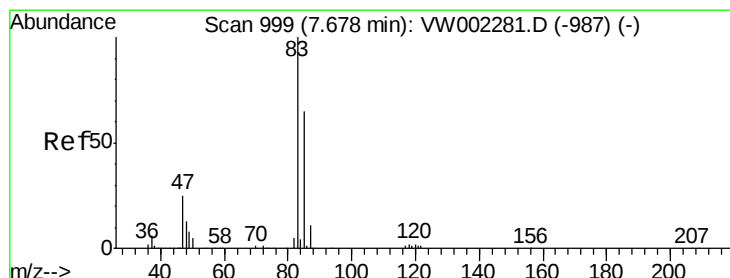
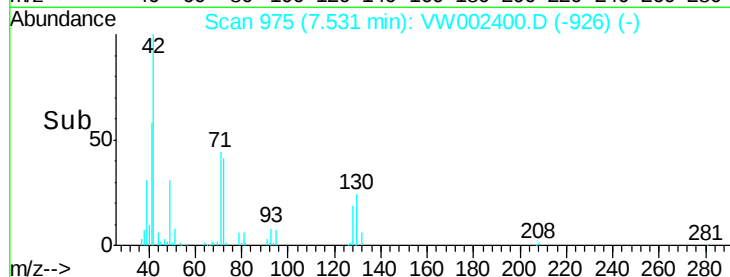
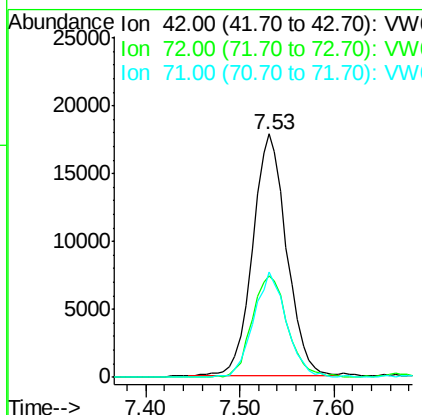
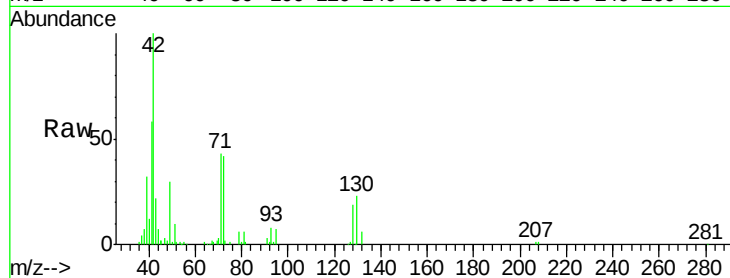




#29
Tetrahydrofuran
Concen: 105.97 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.00 min
Lab File: VW002400.D
Acq: 11 May 2018 01:14

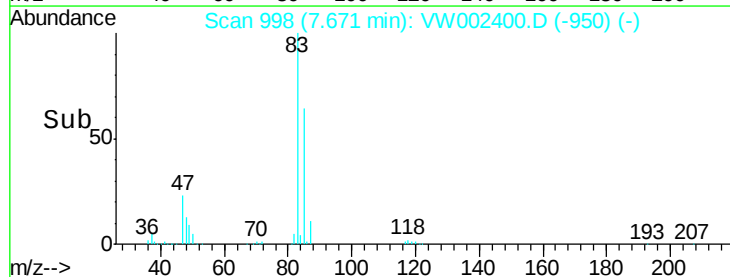
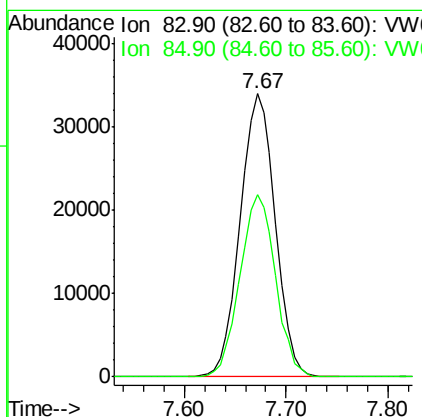
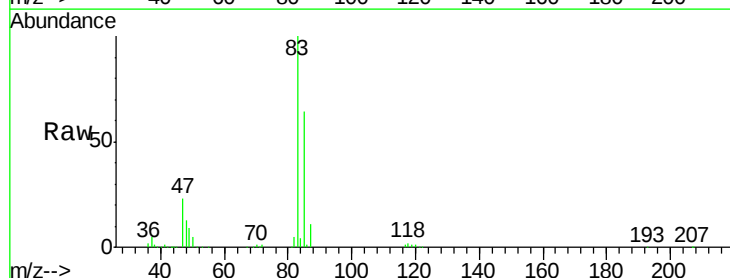
Instrument :
MSVOA_W
ClientSampled :

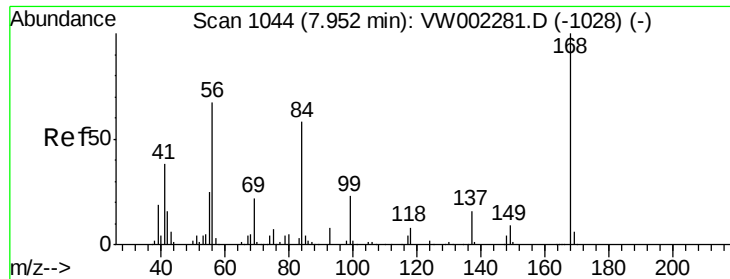
Tot Ion: 42 Resp: 45066
Ion Ratio Lower Upper
42 100
72 44.0 34.5 51.7
71 42.3 33.0 49.6



#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: 83 Resp: 80920
Ion Ratio Lower Upper
83 100
85 64.4 51.8 77.6

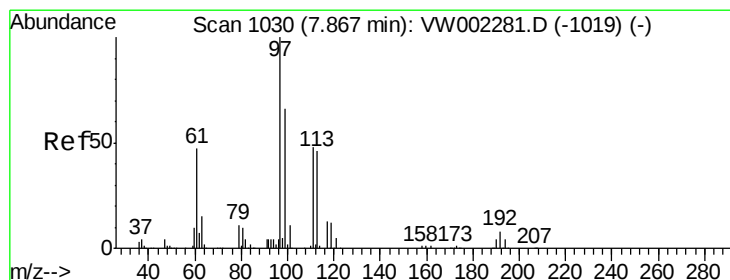
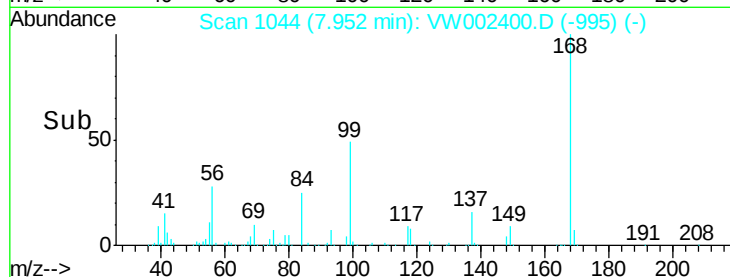
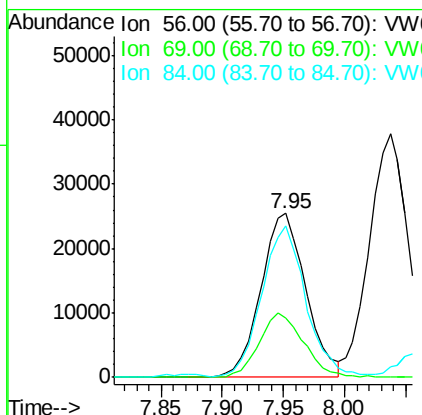
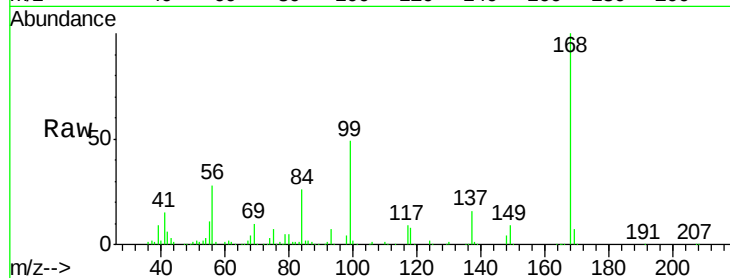




#31
Cyclohexane
Concen: 19.57 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW002400.D
Acq: 11 May 2018 01:14

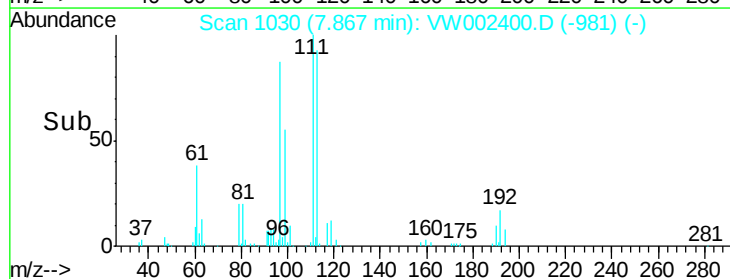
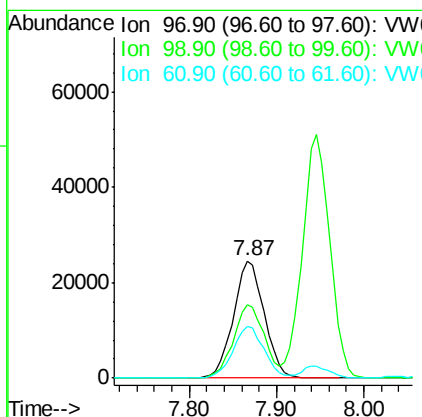
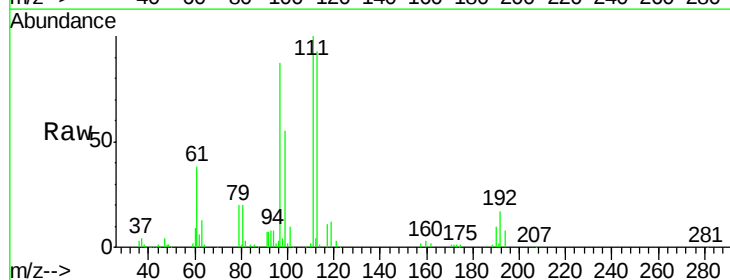
Instrument :
MSVOA_W
ClientSampleId :

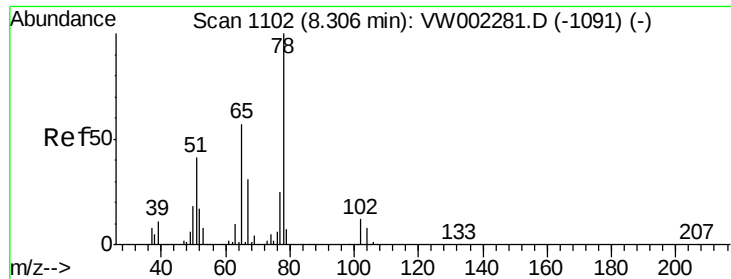
Tot Ion: 56 Resp: 65027
Ion Ratio Lower Upper
56 100
69 36.0 26.2 39.4
84 90.2 69.2 103.8



#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

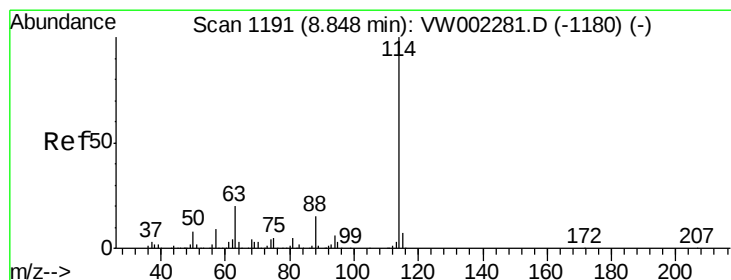
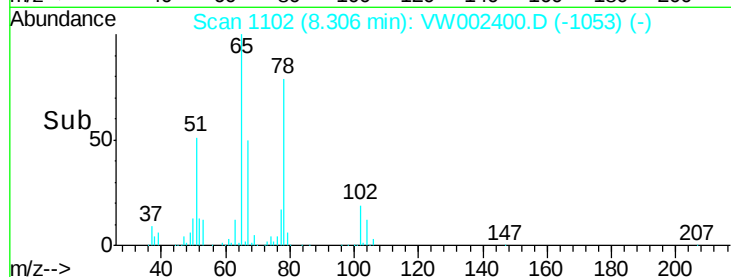
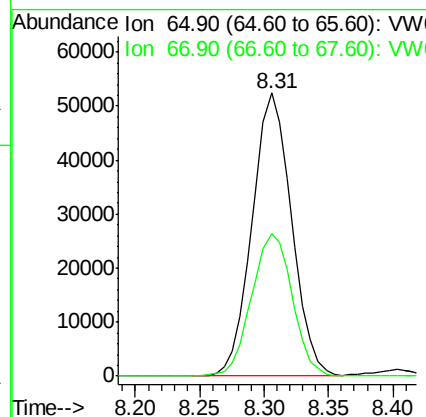
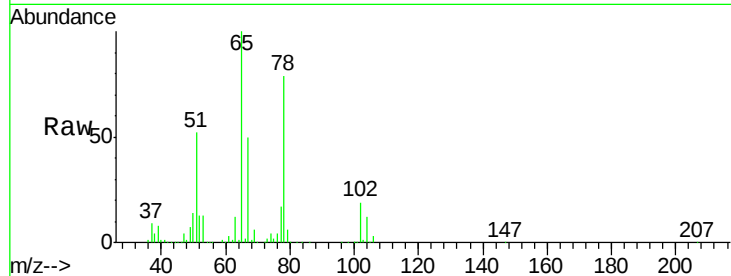




#33
 1,2-Dichloroethane-d4
 Concen: 49.66 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW002400.D
 Acq: 11 May 2018 01:14

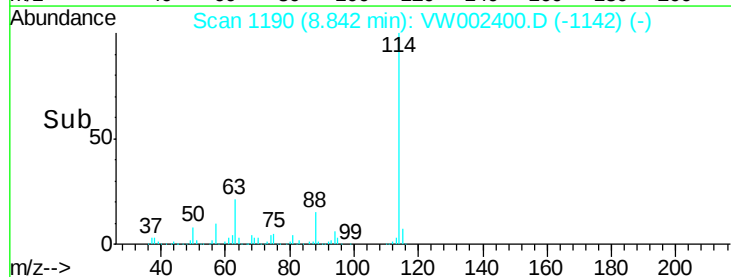
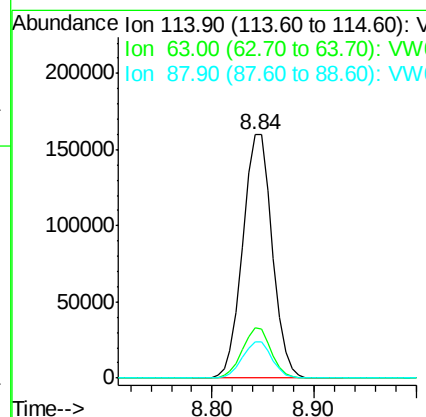
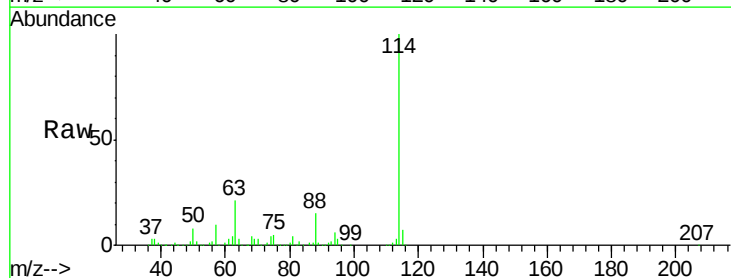
Instrument :
 MSVOA_W
 ClientSampleId :

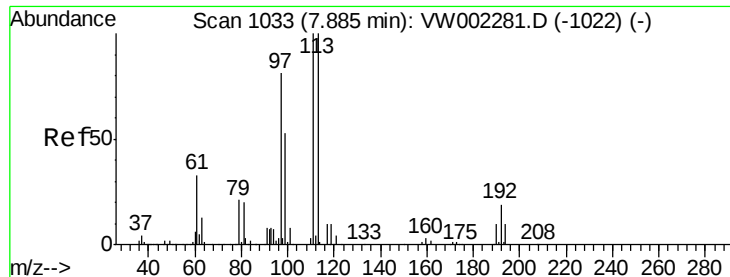
Tot Ion: 65 Resp: 111039
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 107.2



#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

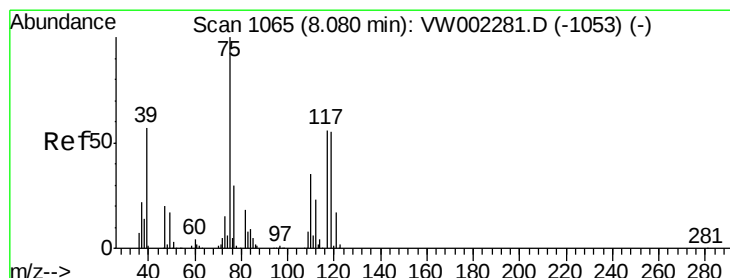
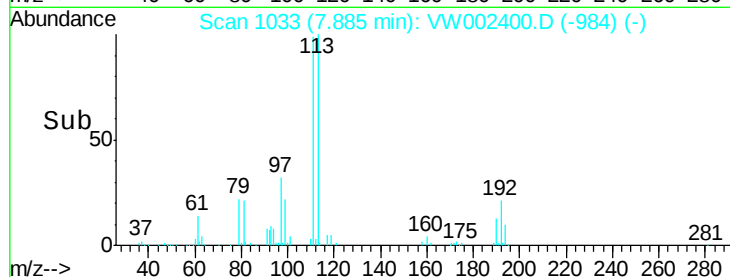
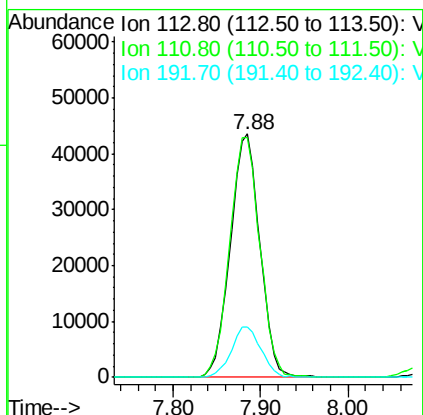
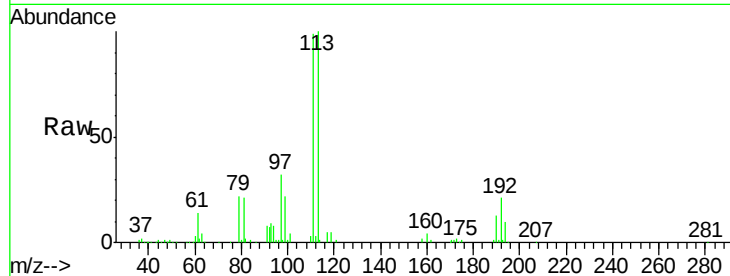




#35
 Dibromofluoromethane
 Concen: 49.80 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002400.D
 Acq: 11 May 2018 01:14

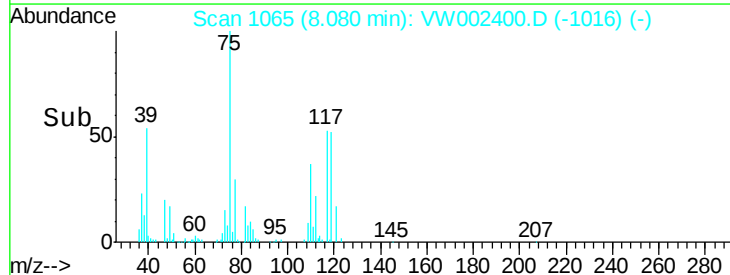
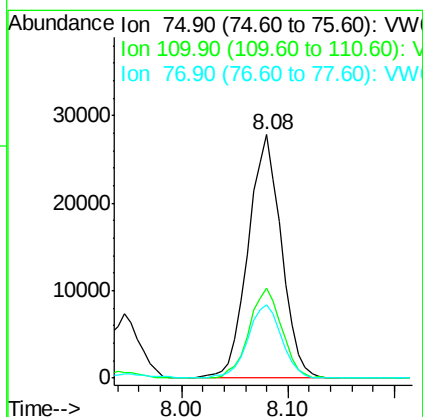
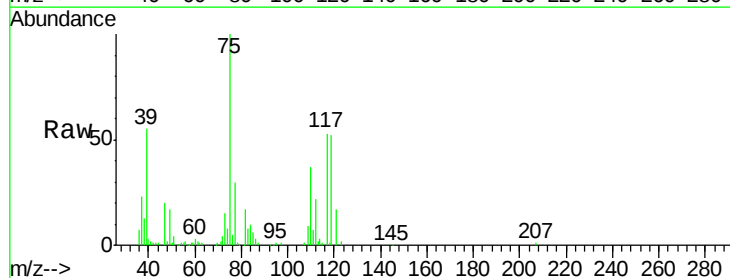
Instrument :
 MSVOA_W
 ClientSampleId :

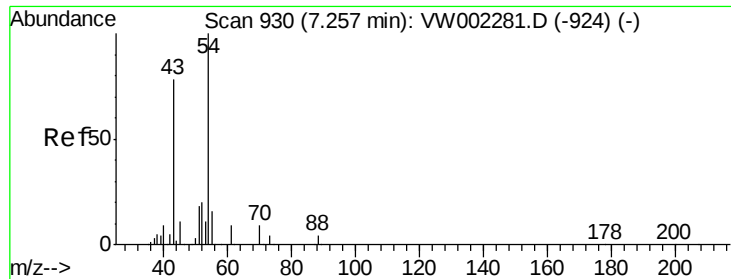
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.5	122.3
192	21.1	16.4	24.6



#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

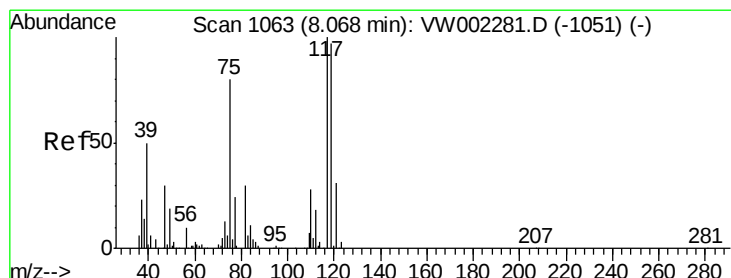
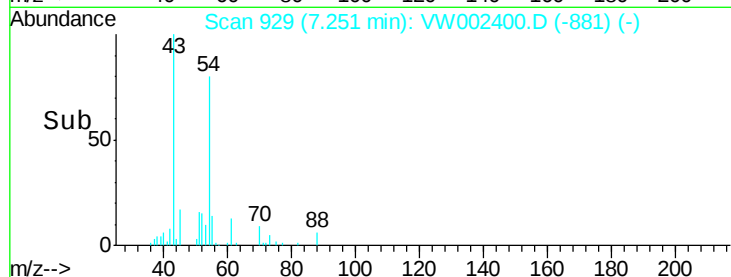
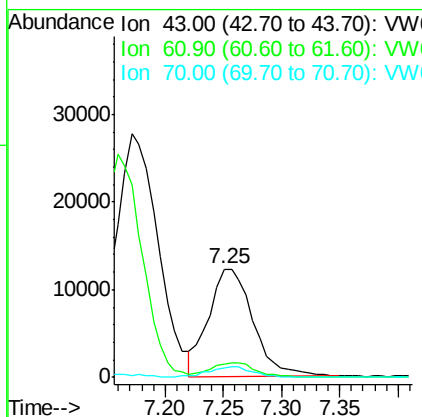
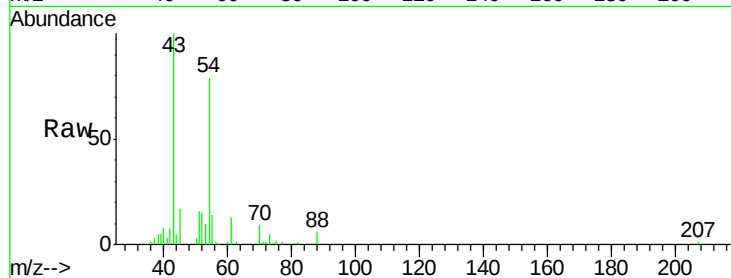




#37
Ethyl Acetate
Concen: 23.03 ug/l
RT: 7.25 min Scan# 929
Delta R.T. -0.01 min
Lab File: VW002400.D
Acq: 11 May 2018 01:14

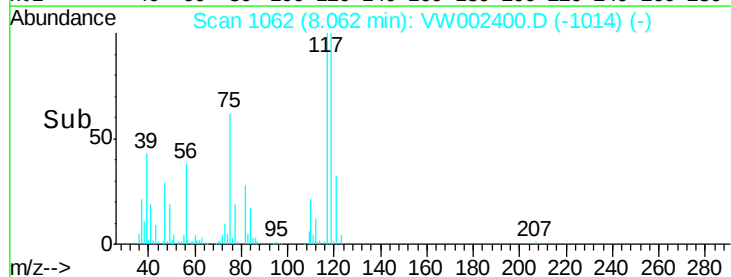
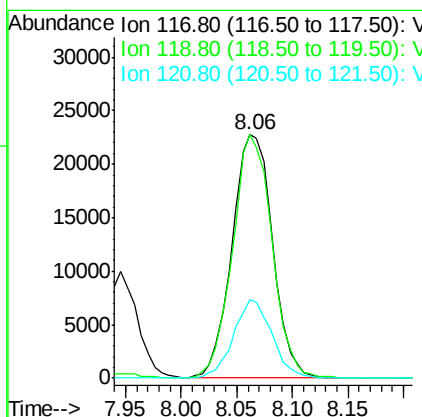
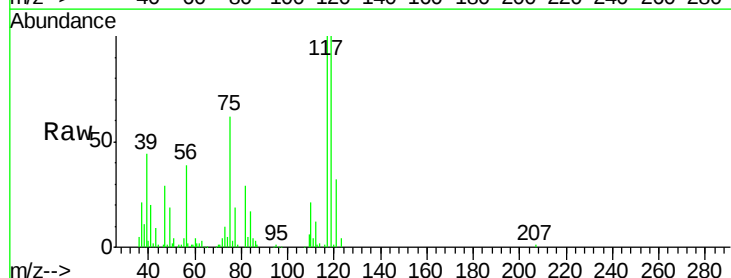
Instrument :
MSVOA_W
ClientSampled :

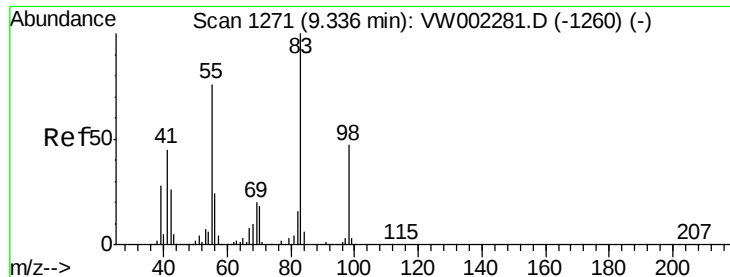
Tot Ion: 43 Resp: 32491
Ion Ratio Lower Upper
43 100
61 13.8 11.1 16.7
70 9.8 7.9 11.9



#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

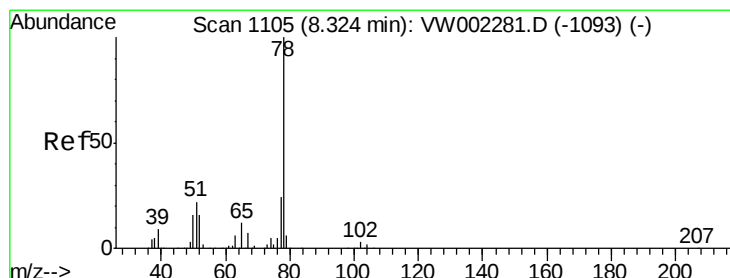
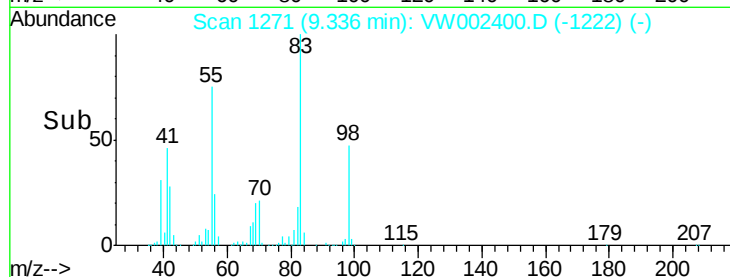
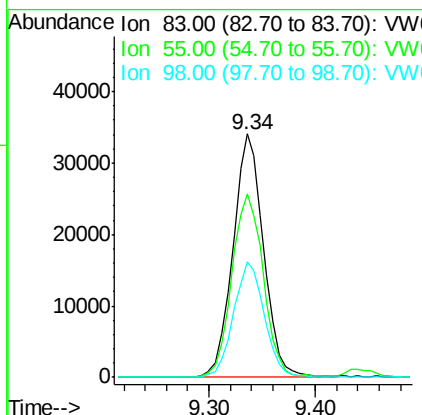
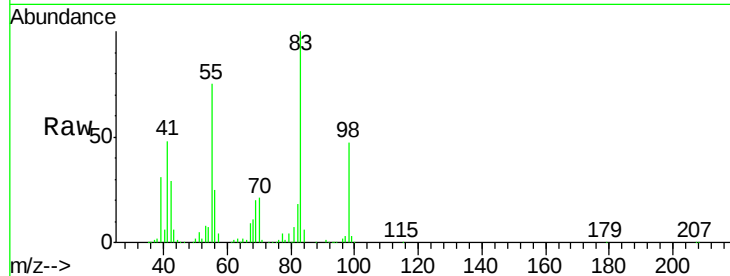




#39
Methvlcvclohexane
Concen: 20.27 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW002400.D
Acq: 11 May 2018 01:14

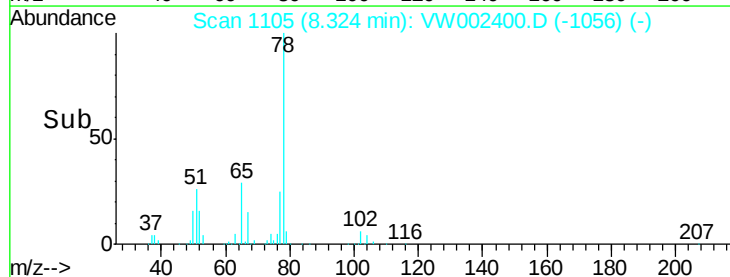
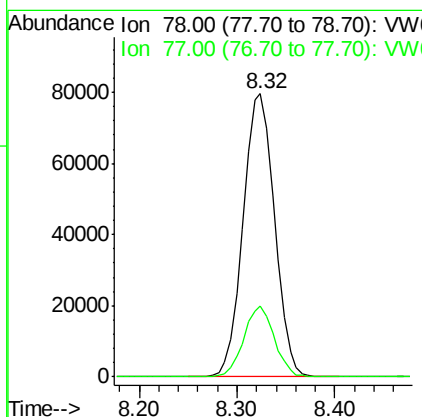
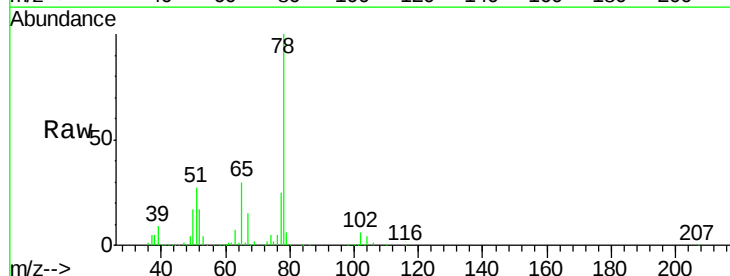
Instrument :
MSVOA_W
ClientSampled :

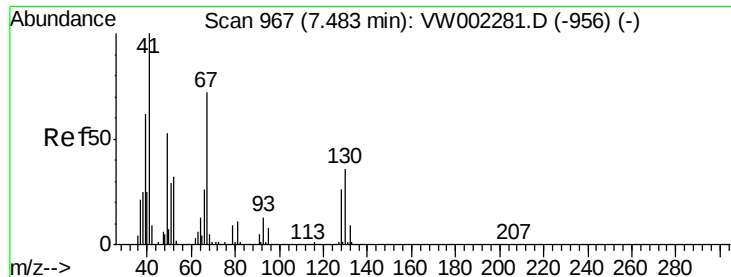
Tot Ion: 83 Resp: 68459
Ion Ratio Lower Upper
83 100
55 75.4 60.6 91.0
98 47.3 37.4 56.0



#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

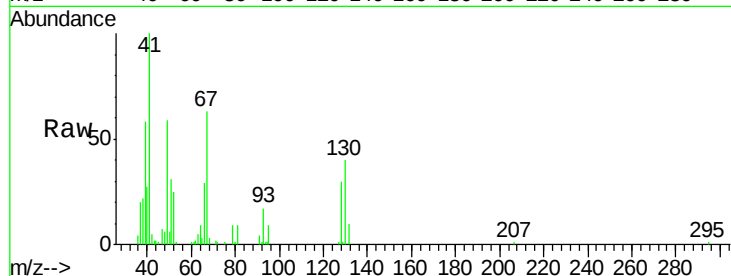




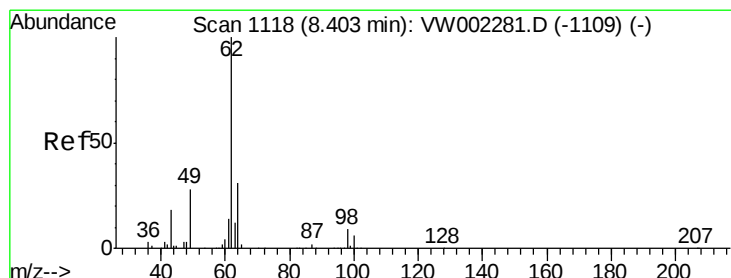
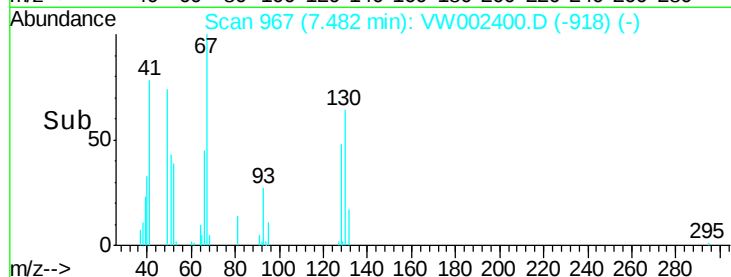
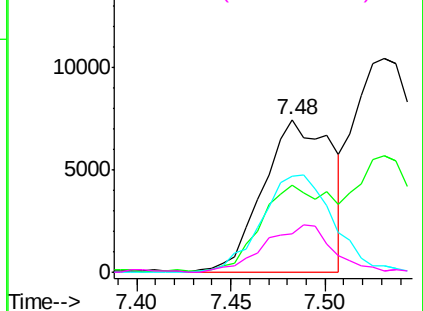
#41
Methacrylonitrile
Concen: 23.31 ug/l
RT: 7.48 min Scan# 967
Delta R.T. -0.00 min
Lab File: VW002400.D
Acq: 11 May 2018 01:14

Instrument :
MSVOA_W
ClientSampled :

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

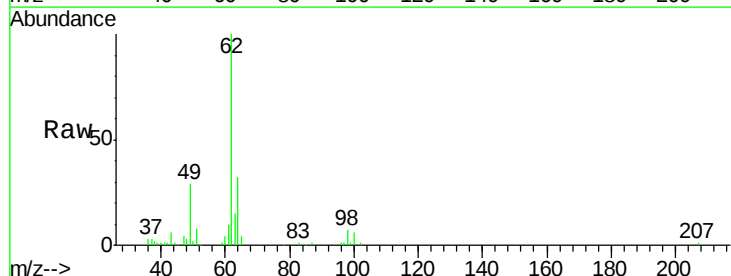


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

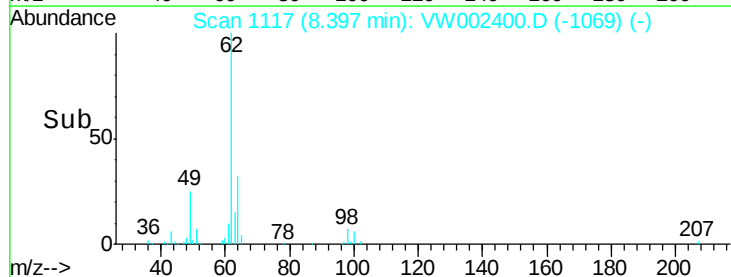
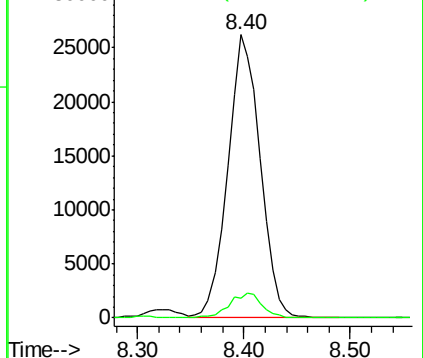


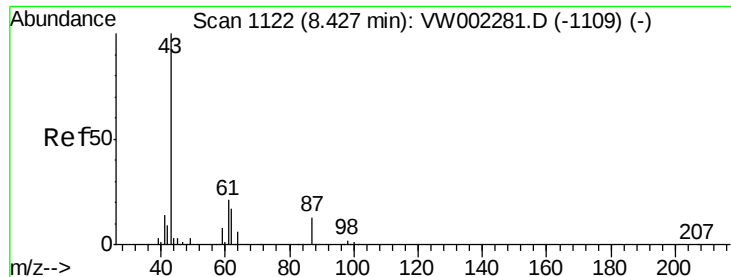
#42
1,2-Dichloroethane
Concen: 21.16 ug/l
RT: 8.40 min Scan# 1117
Delta R.T. -0.01 min
Lab File: VW002400.D
Acq: 11 May 2018 01:14

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



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#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 :

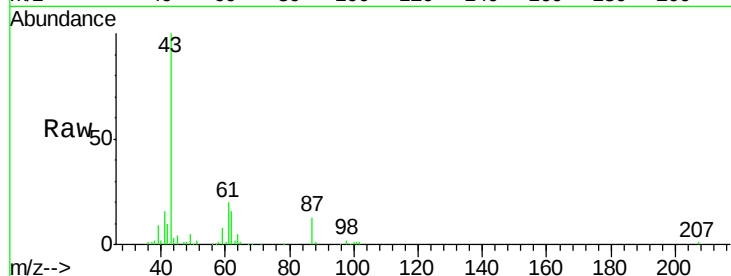
Tot Ion: 43 Resp: 58700

Ion Ratio Lower Upper

43 100

61 29.8 23.7 35.5

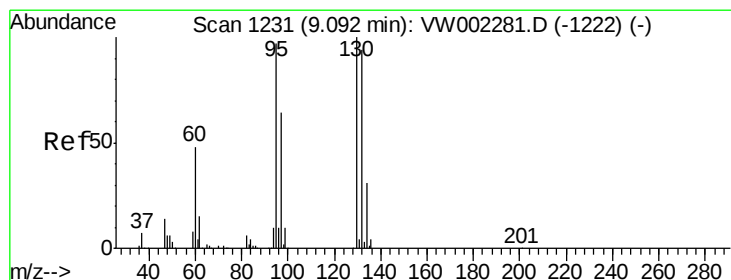
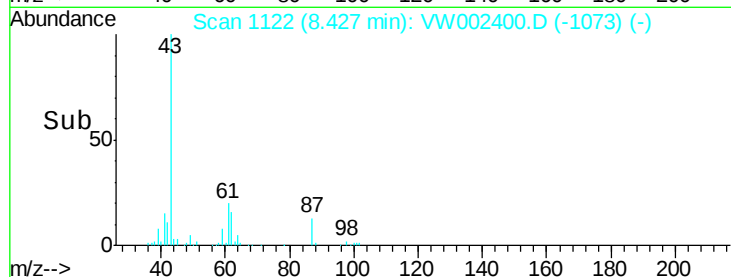
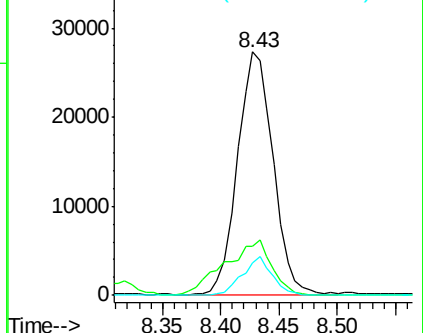
87 13.4 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 21.52 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VW002400.D

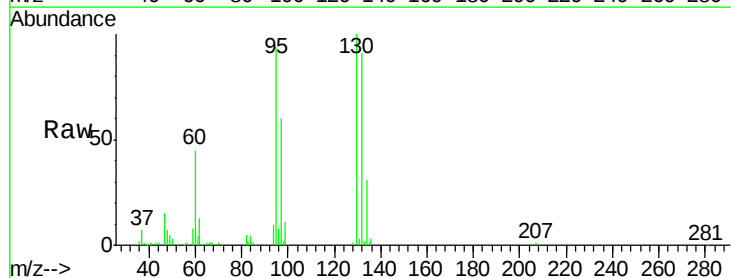
Acq: 11 May 2018 01:14

Tgt Ion: 130 Resp: 49648

Ion Ratio Lower Upper

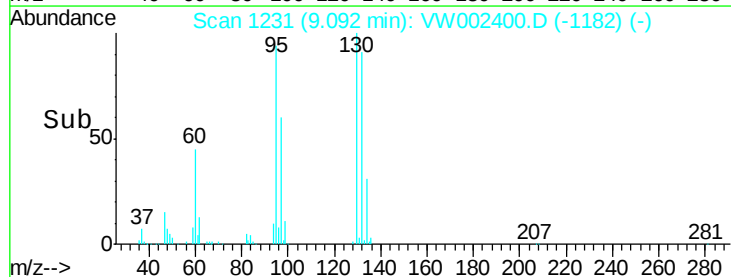
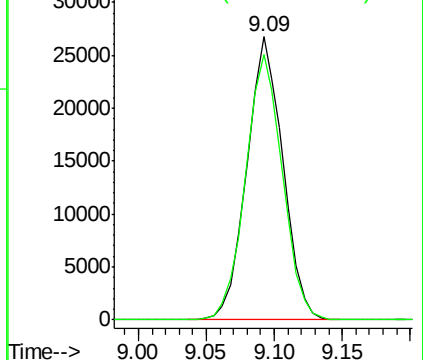
130 100

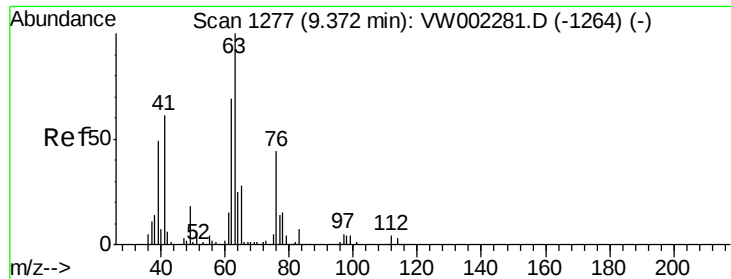
95 93.9 0.0 193.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

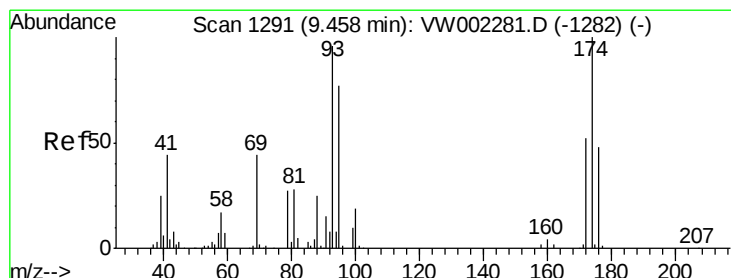
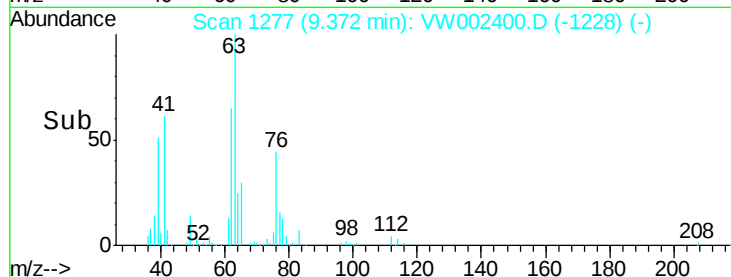
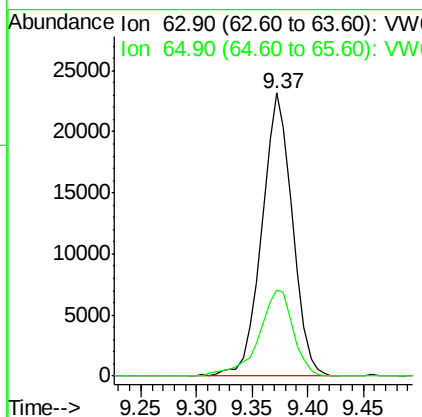
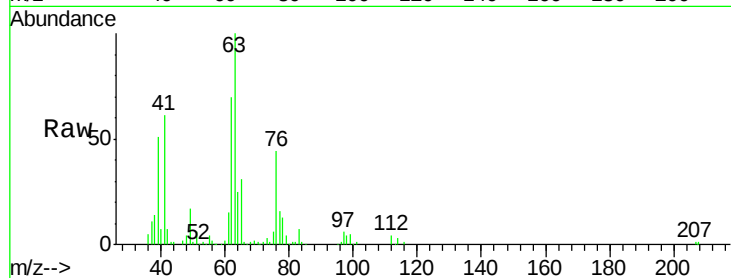




#45
 1,2-Dichloropropane
 Concen: 20.87 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW002400.D
 Acq: 11 May 2018 01:14

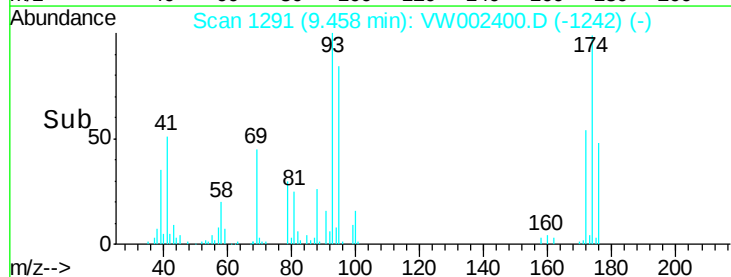
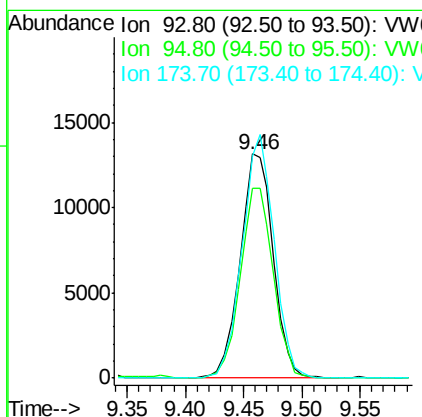
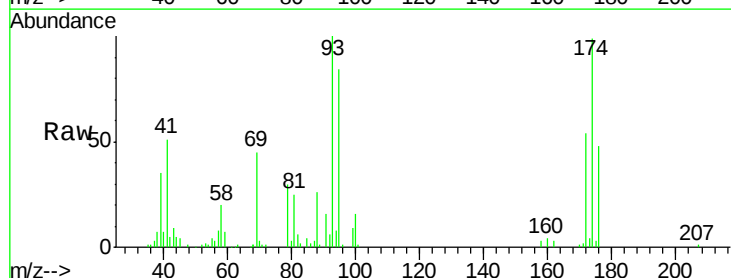
Instrument :
 MSVOA_W
 ClientSampled :

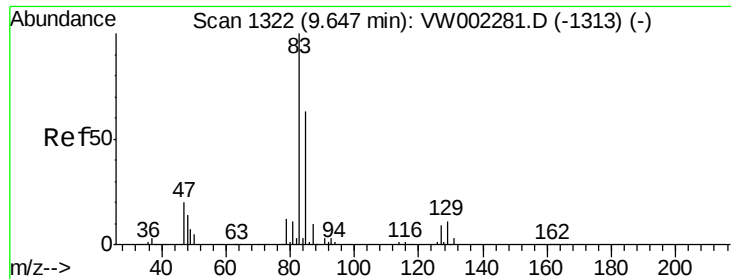
Tot Ion: 63 Resp: 44253
 Ion Ratio Lower Upper
 63 100
 65 30.7 22.9 34.3



#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
ClientSampled :

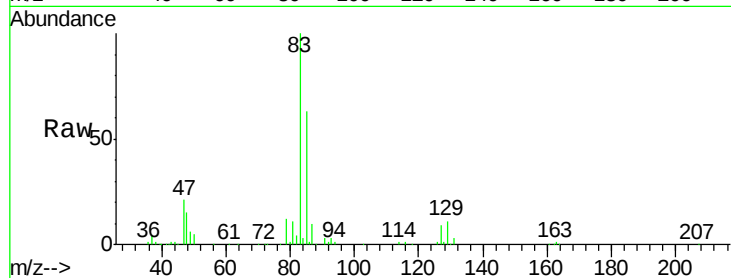
Tot Ion: 83 Resp: 58889

Ion Ratio Lower Upper

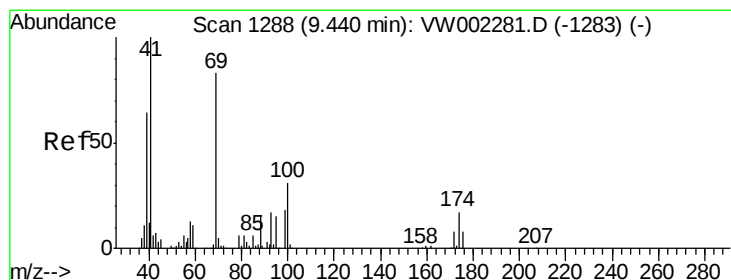
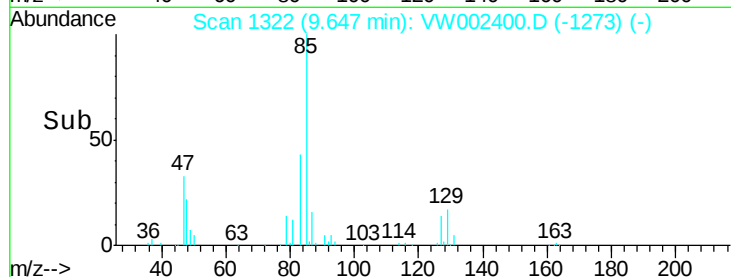
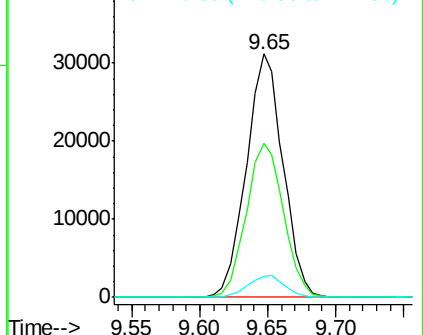
83 100

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

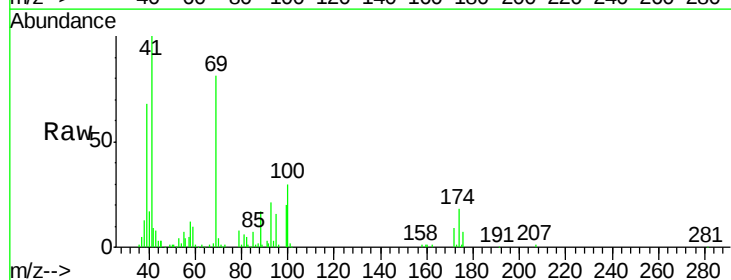
Tgt Ion: 41 Resp: 27187

Ion Ratio Lower Upper

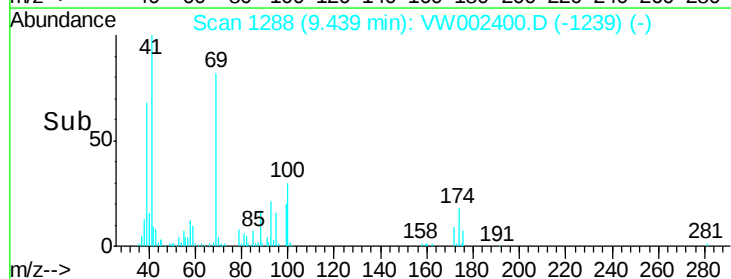
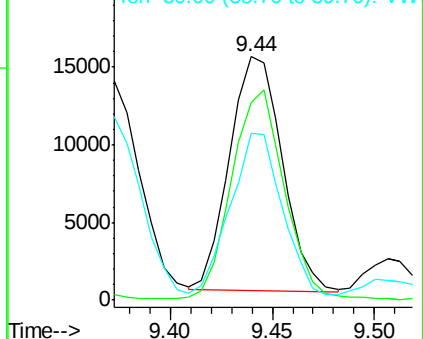
41 100

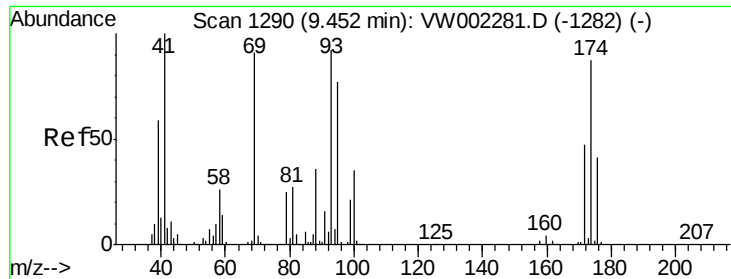
69 90.8 69.9 104.9

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

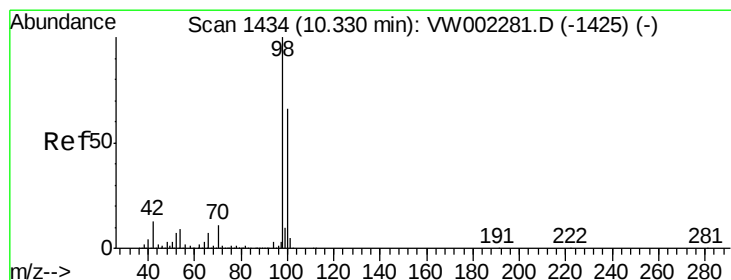
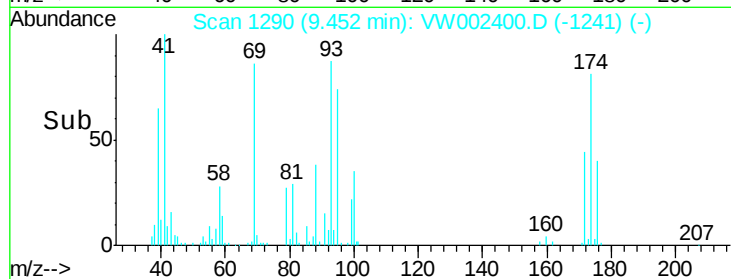
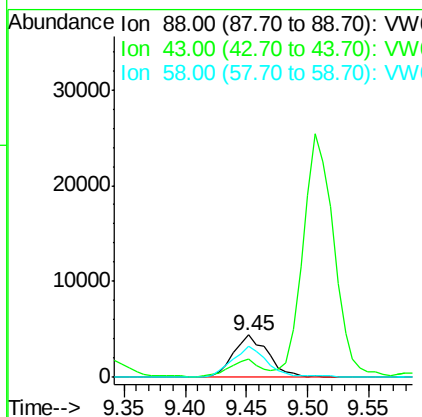
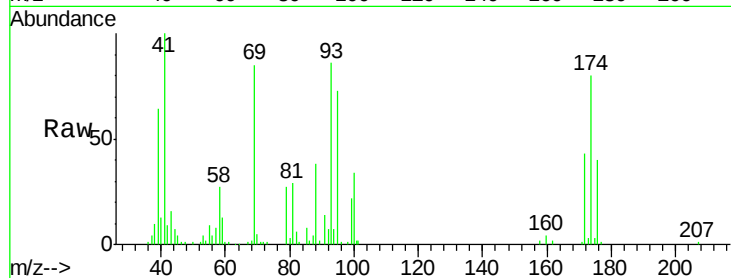




#49
1,4-Dioxane
Concen: 467.05 ug/l
RT: 9.45 min Scan# 1290
Delta R.T. -0.00 min
Lab File: VW002400.D
Acq: 11 May 2018 01:14

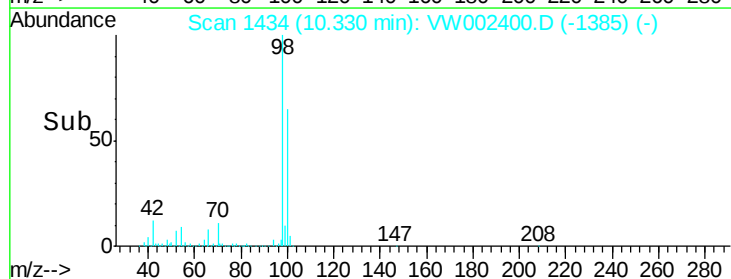
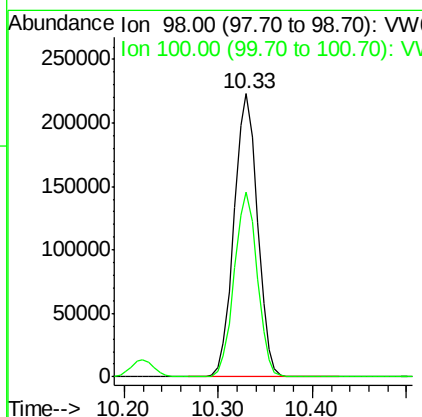
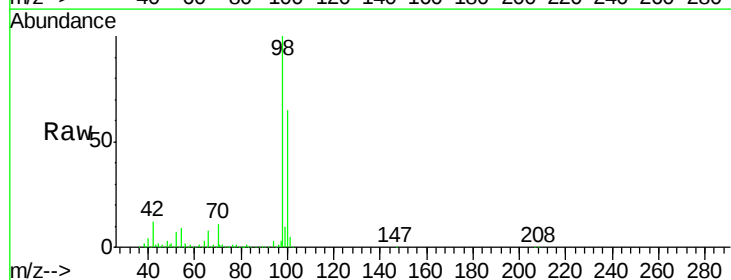
Instrument :
MSVOA_W
ClientSampleId :

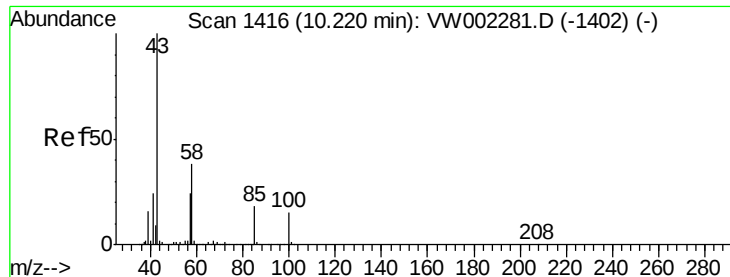
Tot Ion: 88 Resp: 8792
Ion Ratio Lower Upper
88 100
43 34.9 26.3 39.5
58 72.1 56.0 84.0



#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





#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

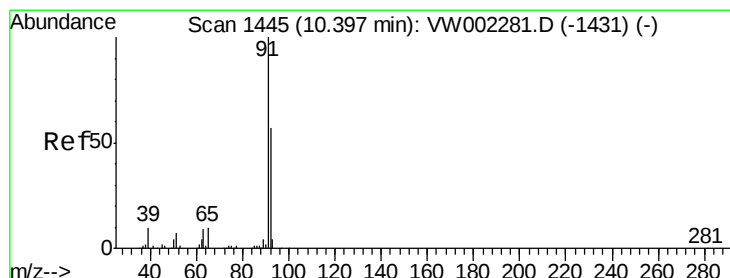
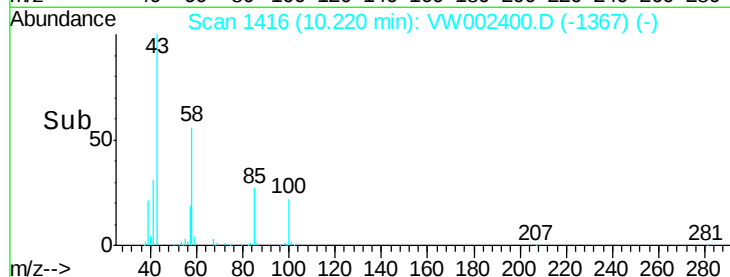
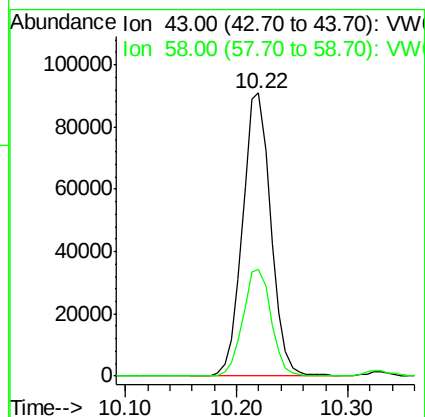
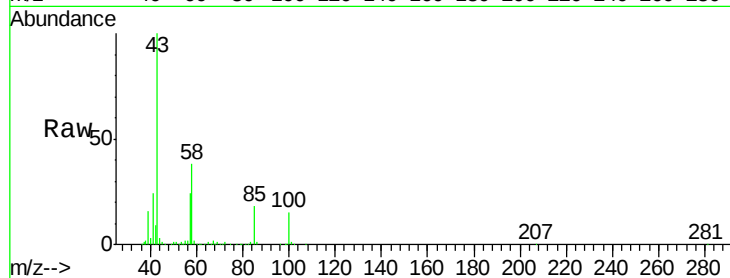
ClientSampled :

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

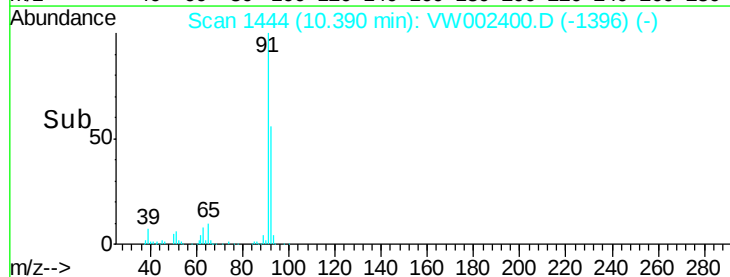
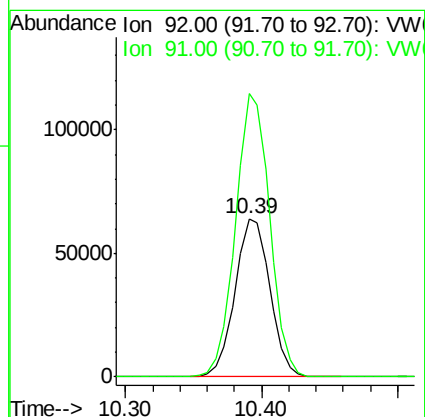
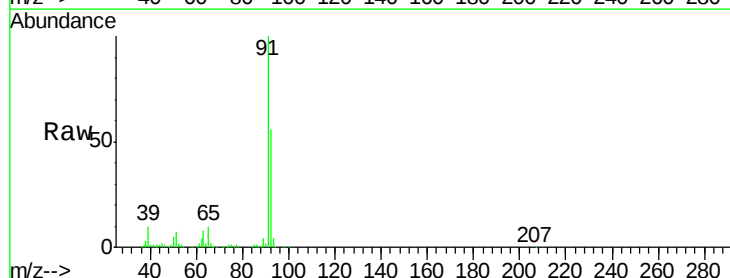
Acq: 11 May 2018 01:14

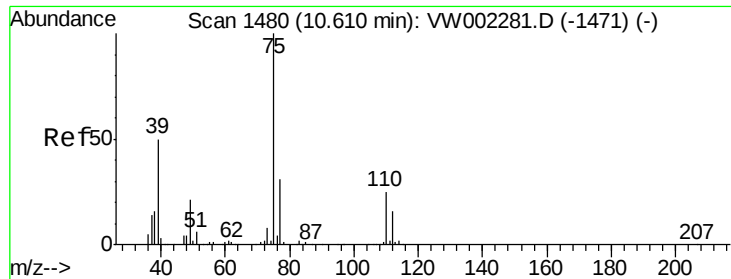
Tgt Ion: 92 Resp: 114191

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

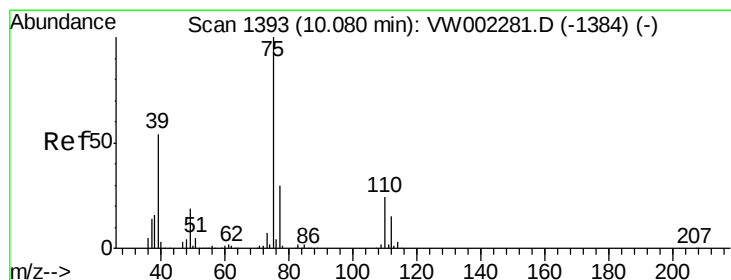
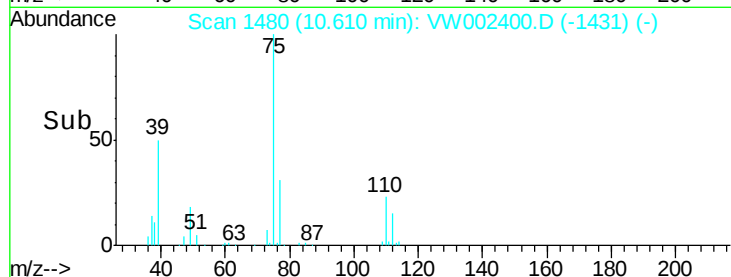
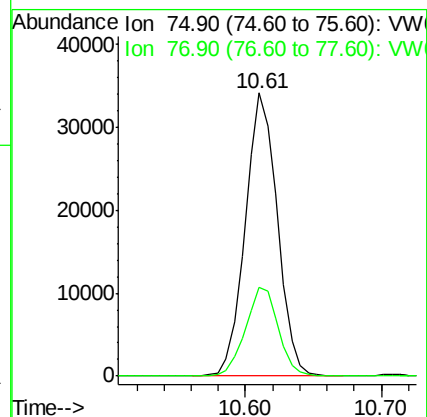
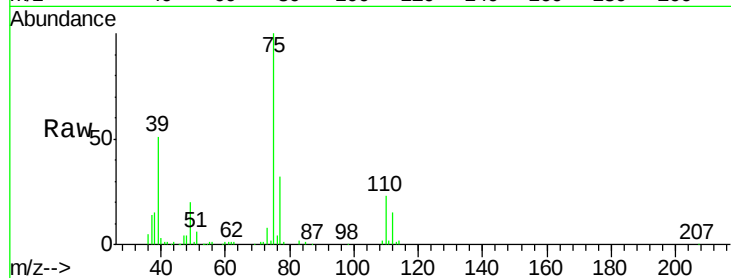
ClientSampleId :

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

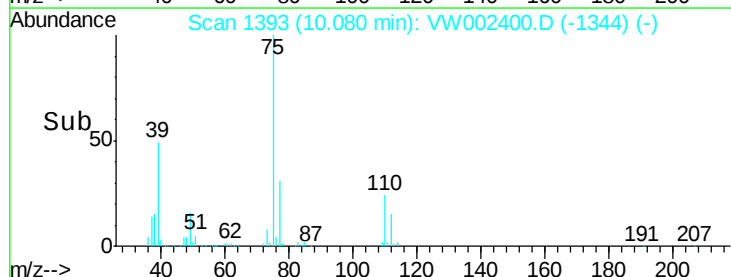
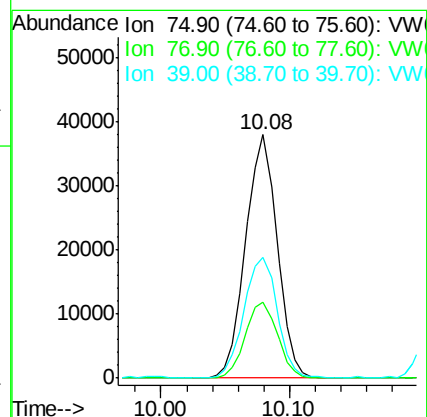
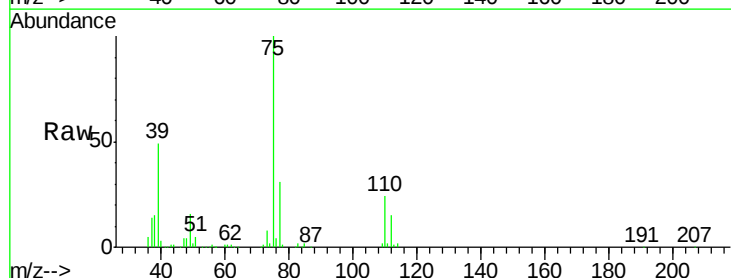
Tgt Ion: 75 Resp: 64488

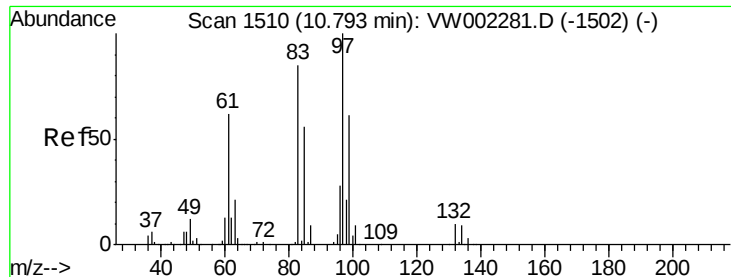
Ion Ratio Lower Upper

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 :

Tot Ion: 97 Resp: 35605

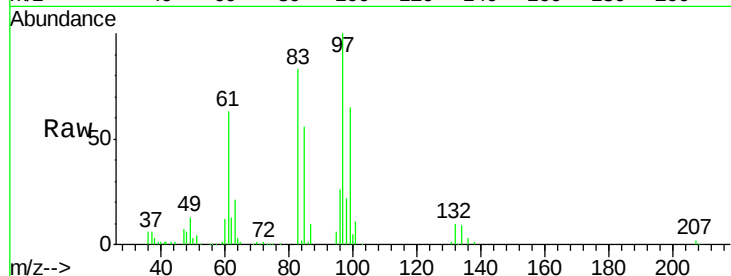
Ion	Ratio	Lower	Upper
97	100		
83	83.3	68.4	102.6
85	56.3	44.6	67.0
99	64.7	48.8	73.2

97 100

83 83.3 68.4 102.6

85 56.3 44.6 67.0

99 64.7 48.8 73.2



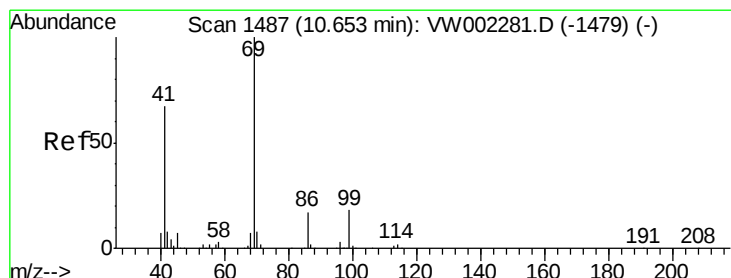
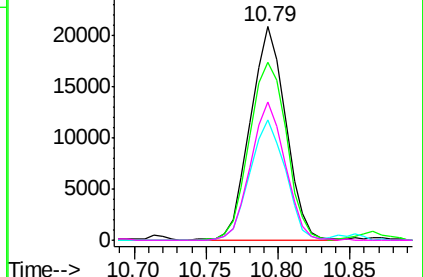
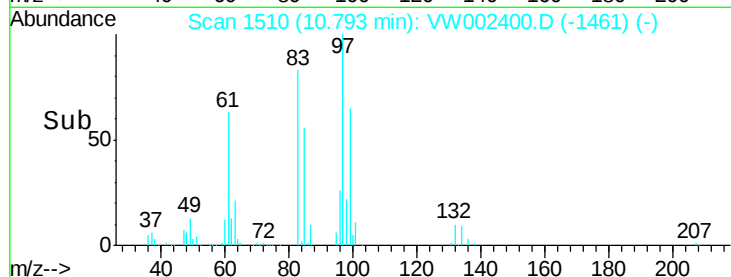
Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW

Time-->



#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

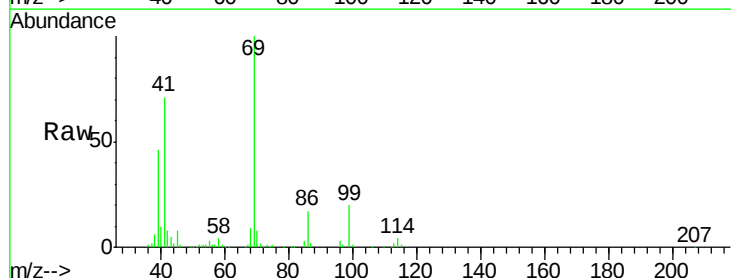
Tgt Ion: 69 Resp: 43240

Ion	Ratio	Lower	Upper
69	100		
41	69.1	56.0	84.0
39	40.6	32.7	49.1

69 100

41 69.1 56.0 84.0

39 40.6 32.7 49.1

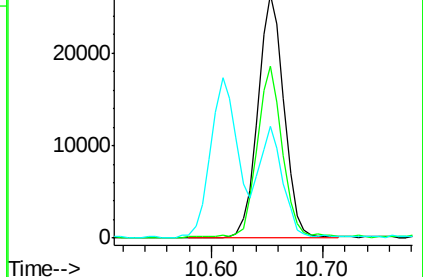
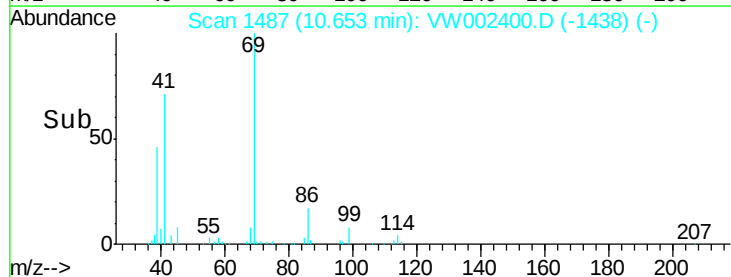


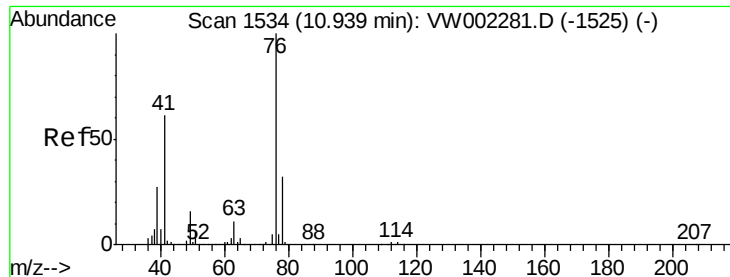
Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Time-->

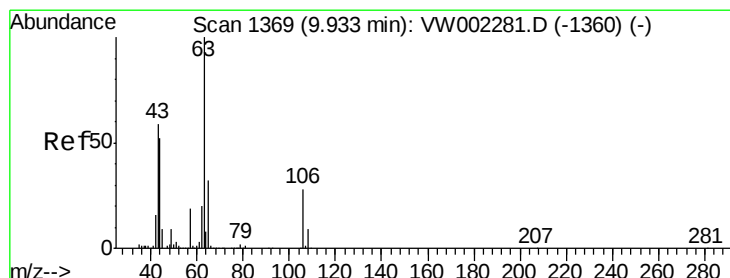
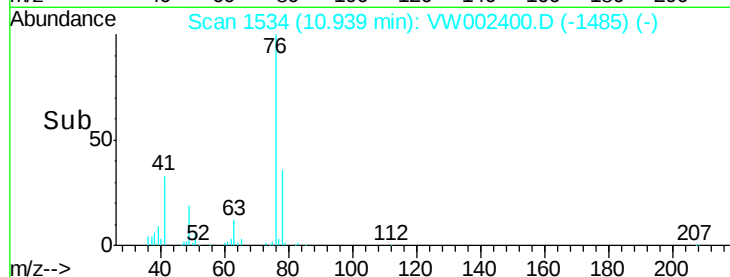
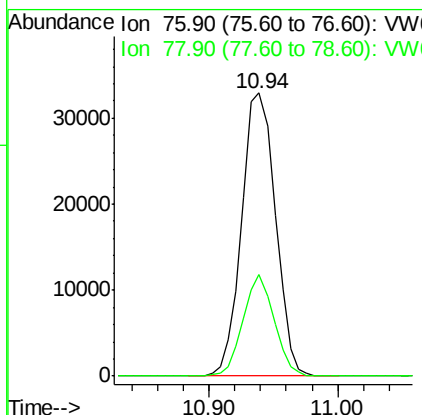
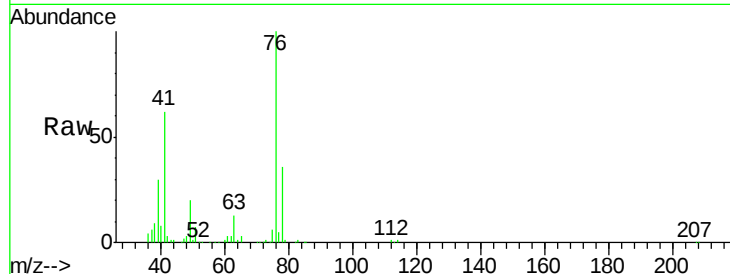




#57
 1,3-Dichloropropane
 Concen: 21.09 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VW002400.D
 Acq: 11 May 2018 01:14

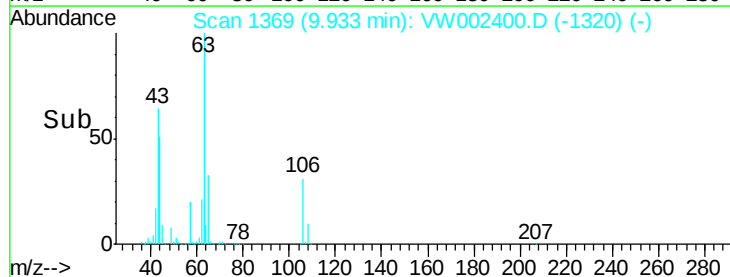
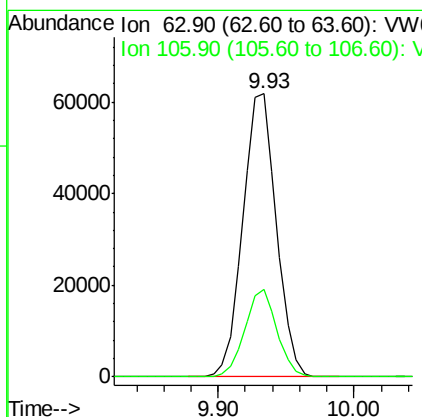
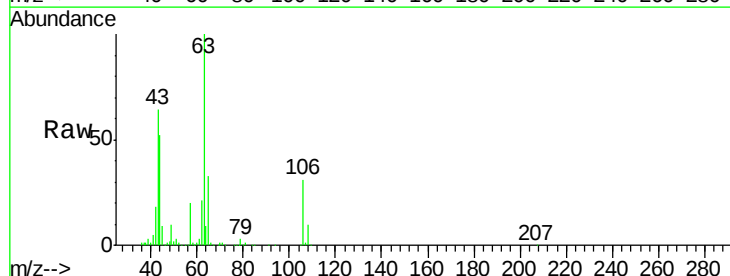
Instrument :
 MSVOA_W
 ClientSampled :

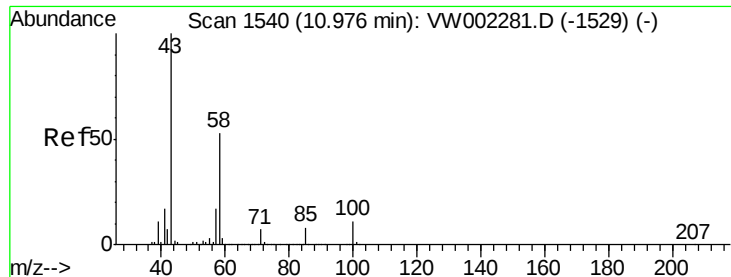
Tot Ion: 76 Resp: 59826
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.7 38.5



#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

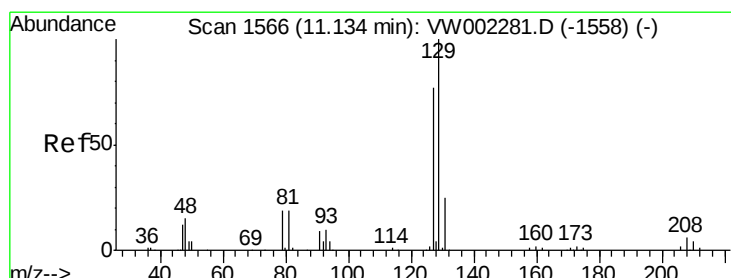
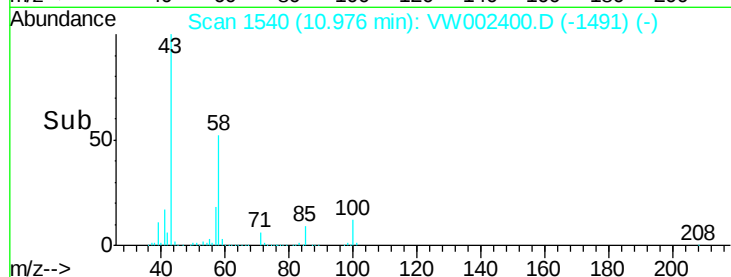
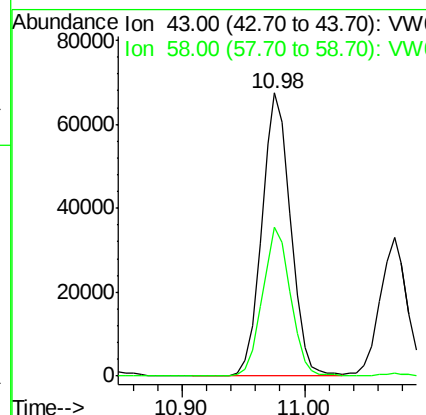
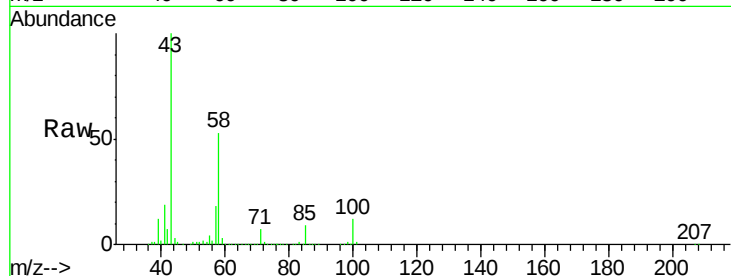




#59
2-Hexanone
Concen: 109.77 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW002400.D
Acq: 11 May 2018 01:14

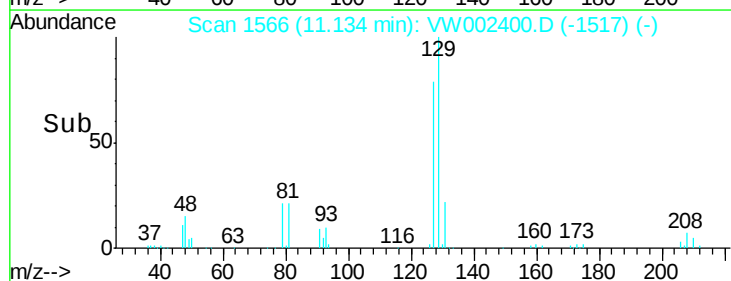
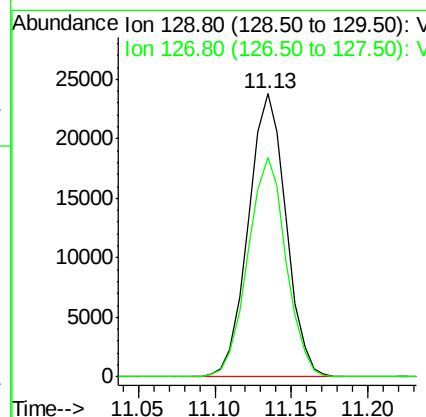
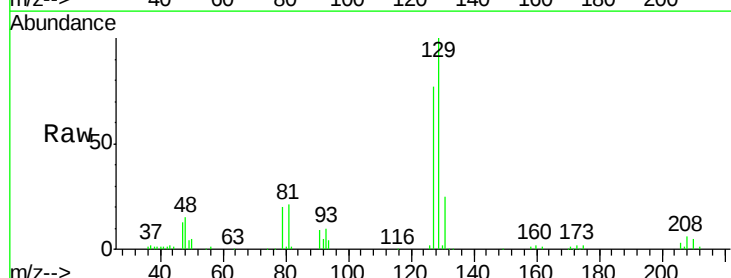
Instrument :
MSVOA_W
ClientSampled :

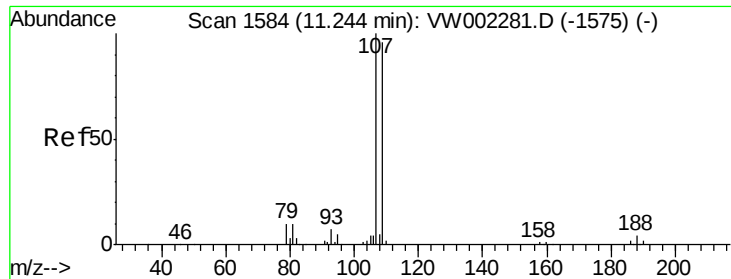
Tot Ion: 43 Resp: 110849
Ion Ratio Lower Upper
43 100
58 51.5 26.0 78.0



#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

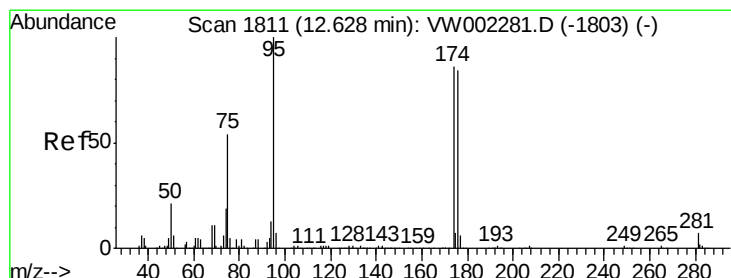
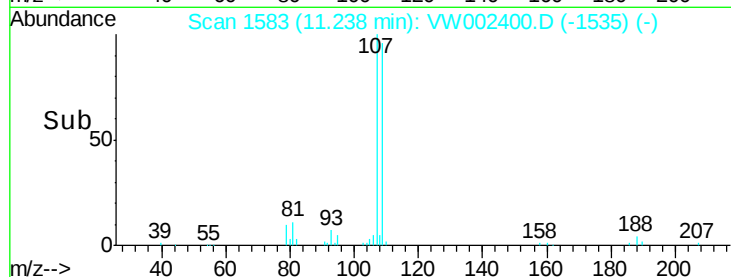
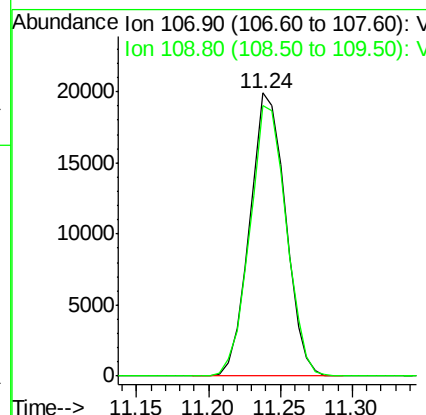
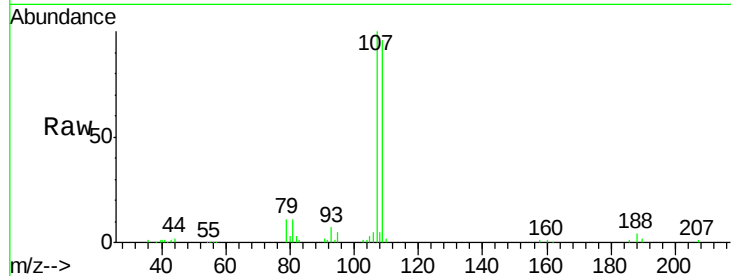




#61
 1,2-Dibromoethane
 Concen: 20.93 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: VW002400.D
 Acq: 11 May 2018 01:14

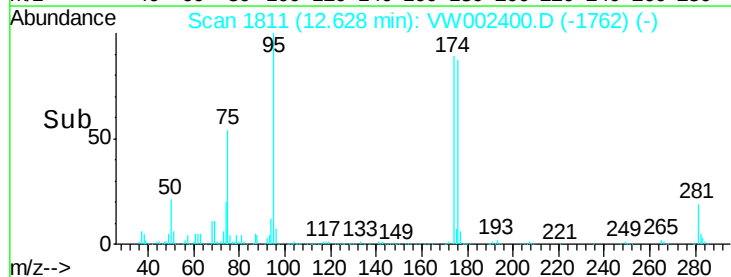
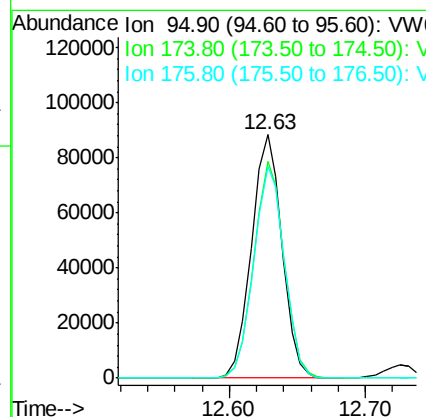
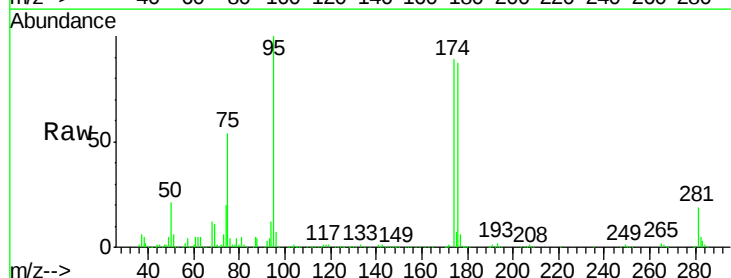
Instrument :
 MSVOA_W
 ClientSampleId :

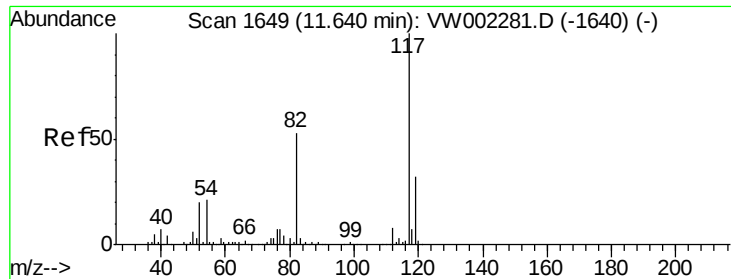
Tot Ion:107 Resp: 34130
 Ion Ratio Lower Upper
 107 100
 109 97.7 75.9 113.9



#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 :

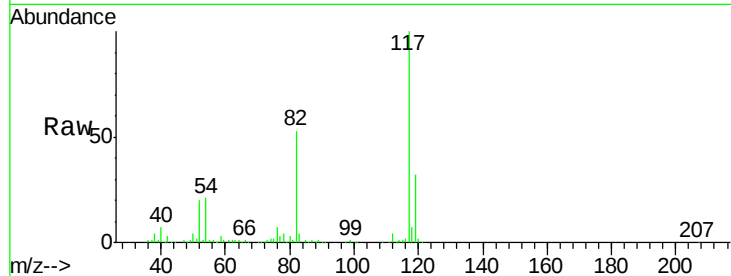
Tot Ion:117 Resp: 300458

Ion Ratio Lower Upper

117 100

82 53.3 42.6 63.8

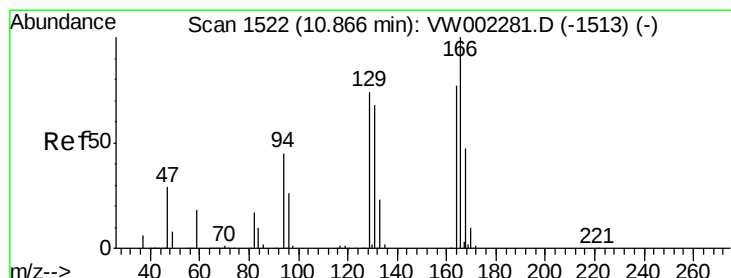
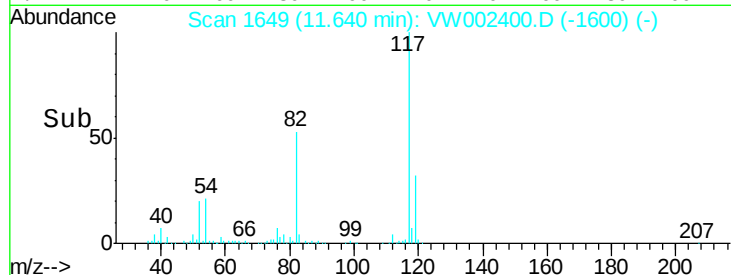
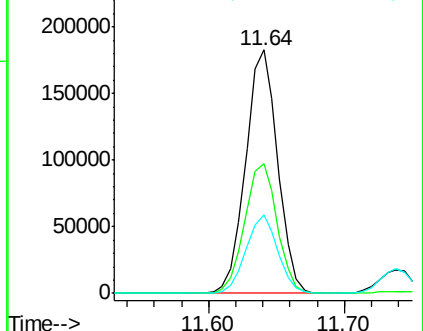
119 32.1 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 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

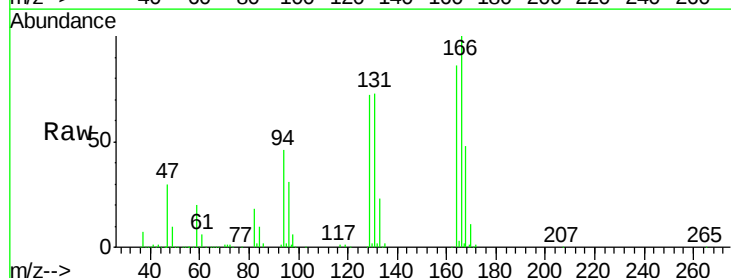
Ion Ratio Lower Upper

164 100

166 115.7 103.3 154.9

129 83.3 76.6 114.8

131 84.3 70.7 106.1

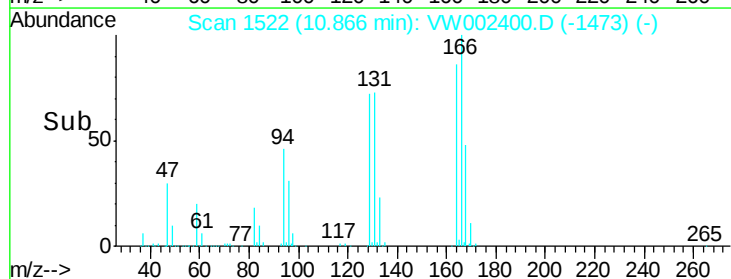
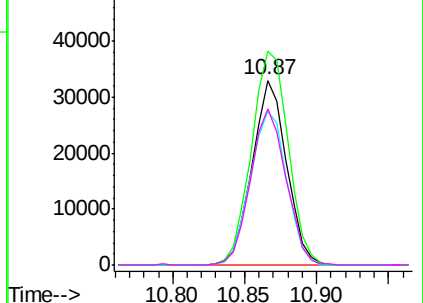


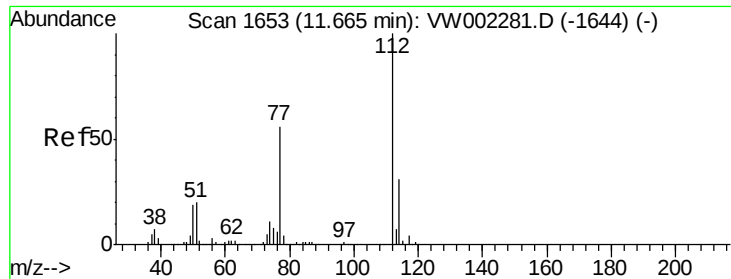
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

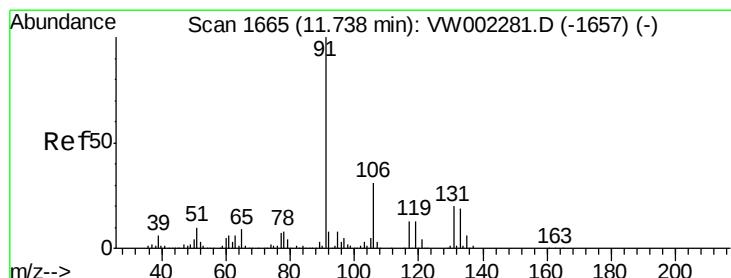
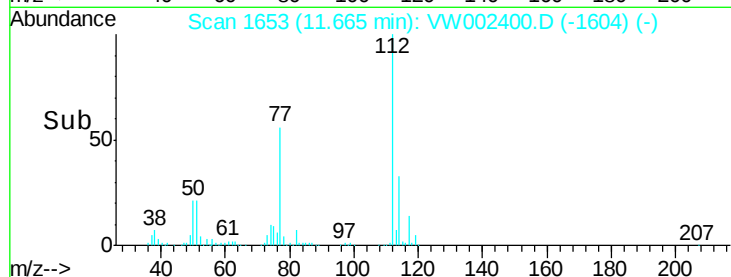
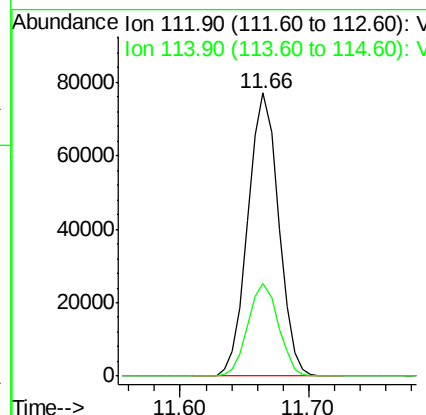
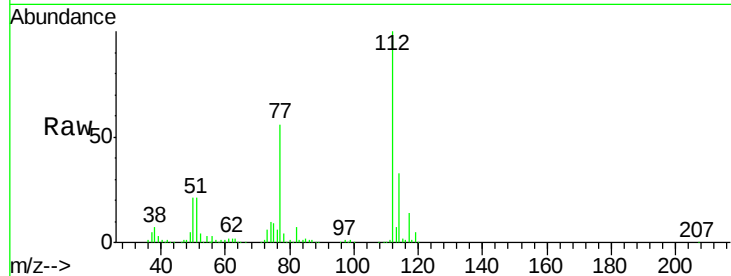




#65
Chlorobenzene
Concen: 20.61 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW002400.D
Acq: 11 May 2018 01:14

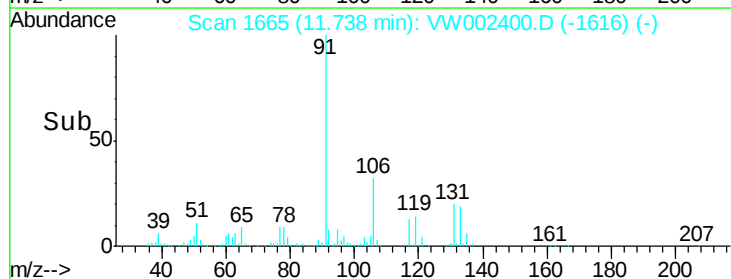
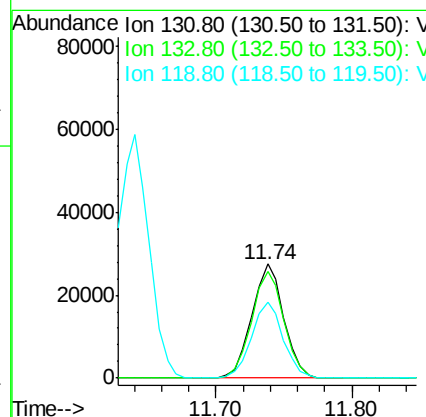
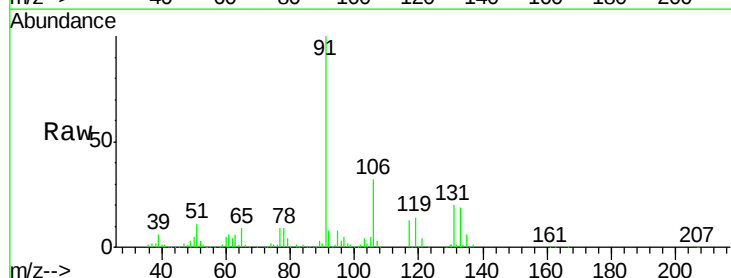
Instrument :
MSVOA_W
ClientSampleId :

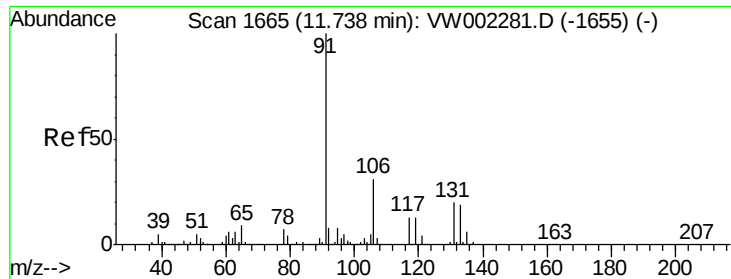
Tot Ion:112 Resp: 126549
Ion Ratio Lower Upper
112 100
114 32.6 25.1 37.7



#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

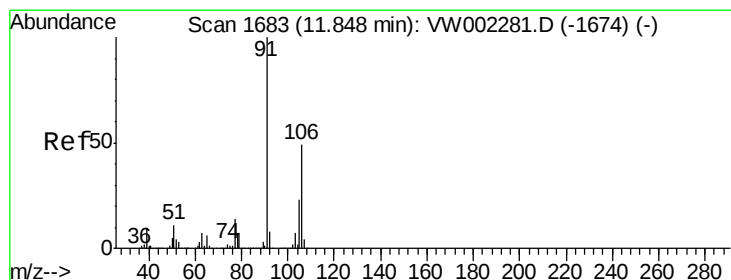
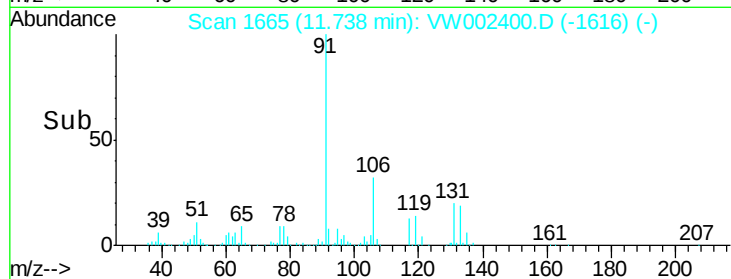
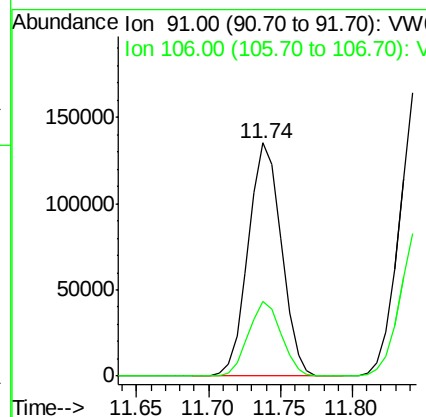
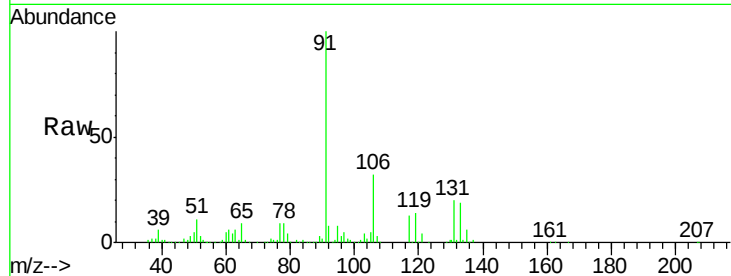




#67
Ethyl Benzene
Concen: 20.41 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW002400.D
Acq: 11 May 2018 01:14

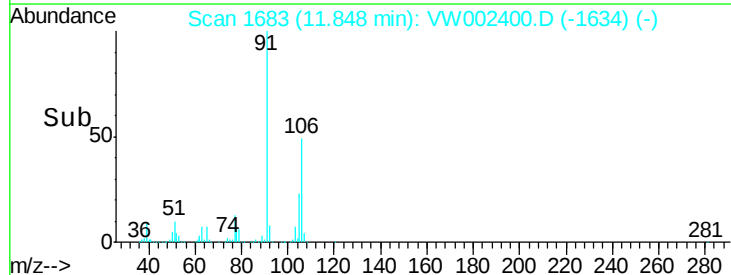
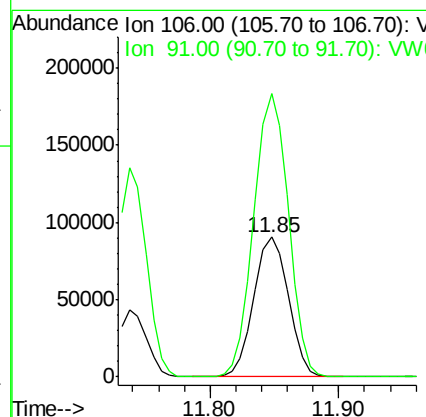
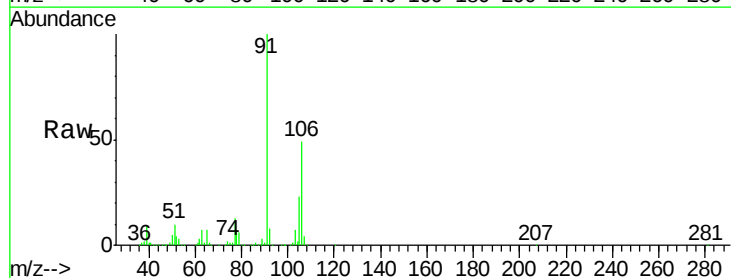
Instrument :
MSVOA_W
ClientSampled :

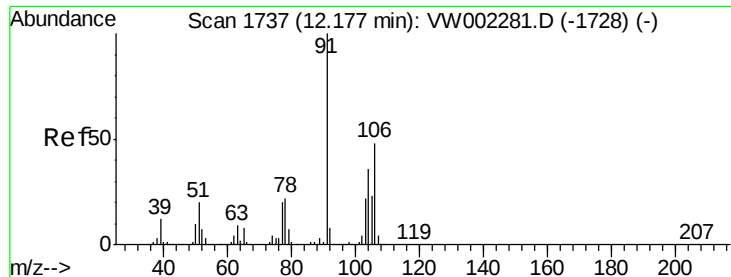
Tot Ion: 91 Resp: 215368
Ion Ratio Lower Upper
91 100
106 32.3 24.9 37.3



#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

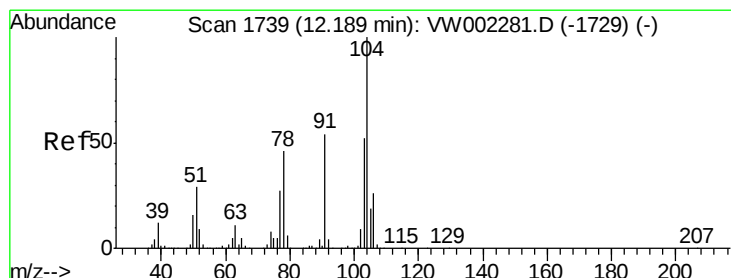
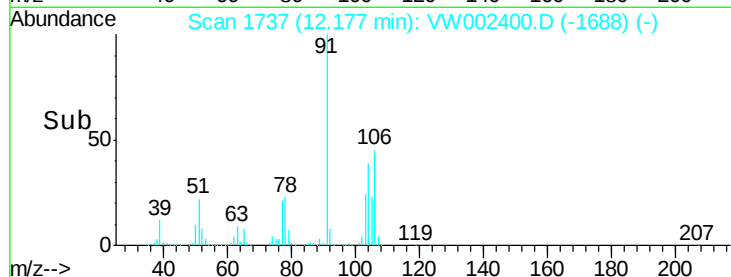
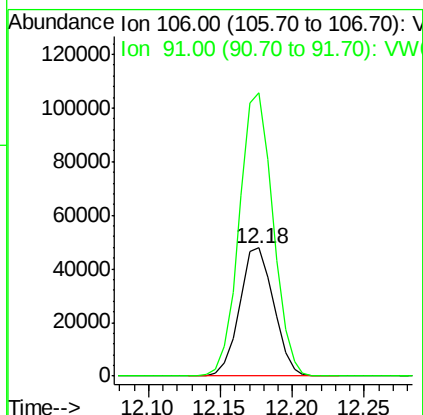
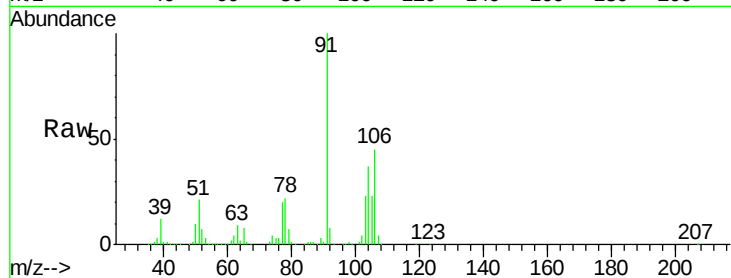




#69
o-Xylene
Concen: 20.35 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VW002400.D
Acq: 11 May 2018 01:14

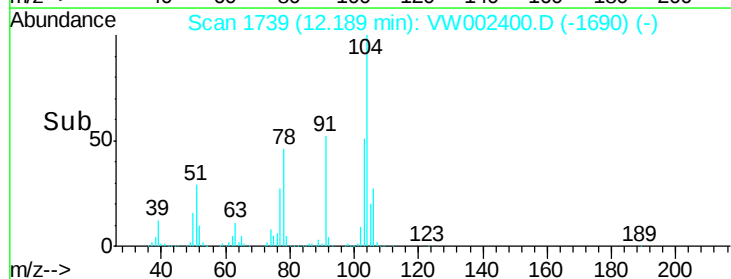
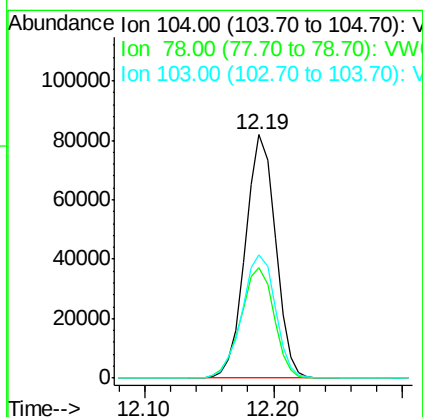
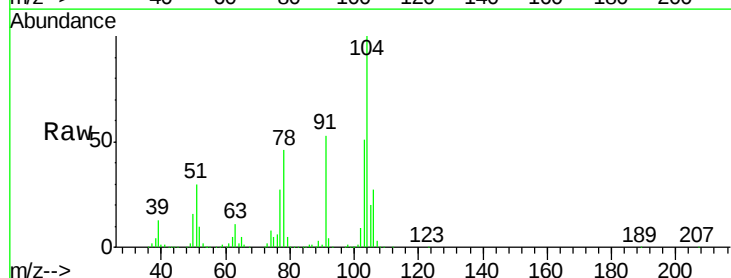
Instrument :
MSVOA_W
ClientSampled :

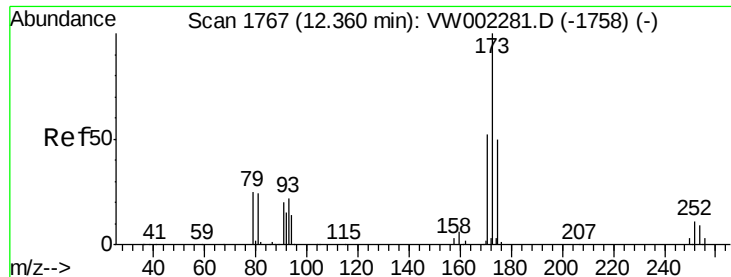
Tot Ion:106 Resp: 78793
Ion Ratio Lower Upper
106 100
91 218.1 107.1 321.1



#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

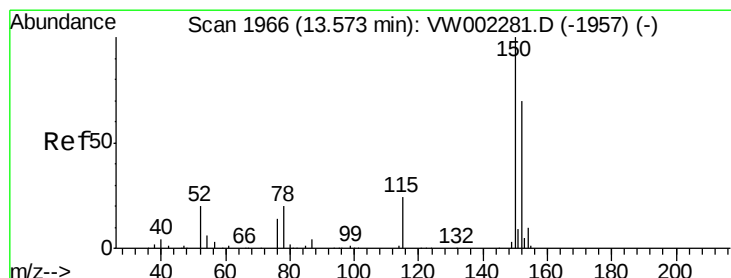
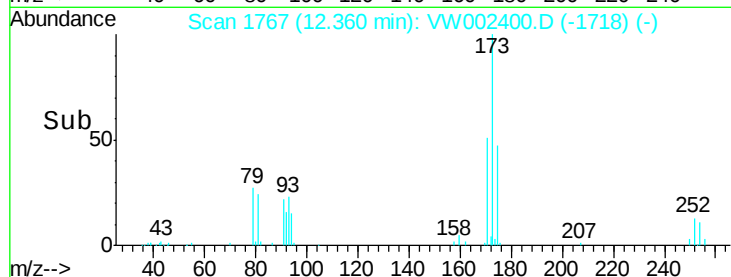
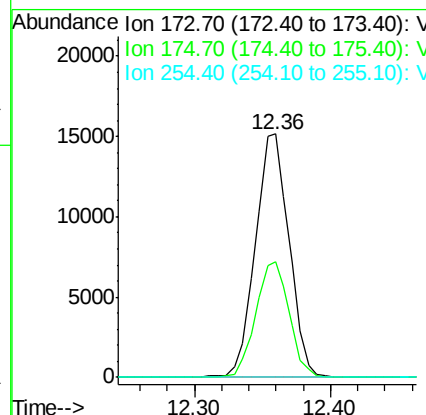
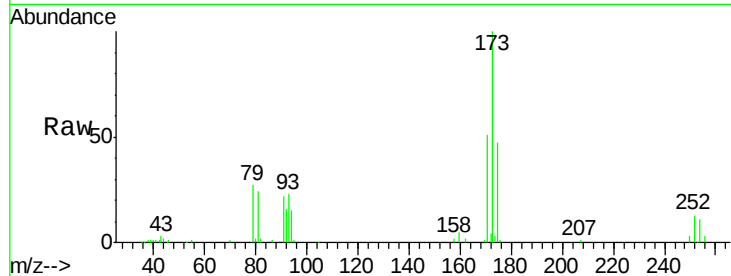




#71
Bromoform
Concen: 20.96 ug/l
RT: 12.36 min Scan# 1767
Delta R.T. -0.00 min
Lab File: VW002400.D
Acq: 11 May 2018 01:14

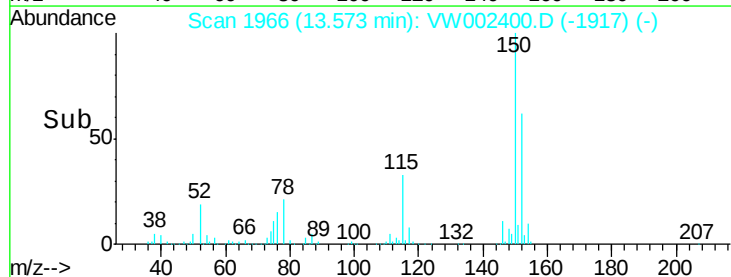
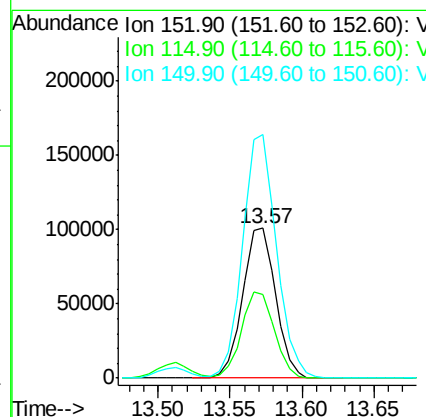
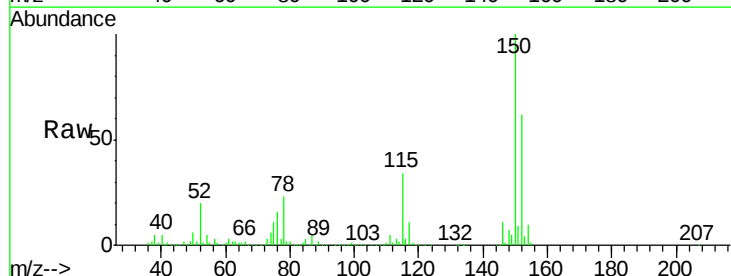
Instrument :
MSVOA_W
ClientSampled :

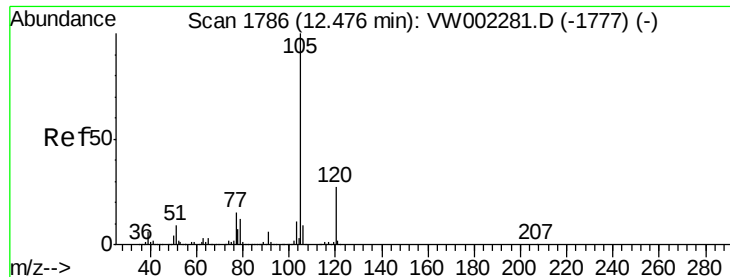
Tot Ion:173 Resp: 26305
Ion Ratio Lower Upper
173 100
175 47.0 24.3 72.9
254 0.1 0.1 0.1#



#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





#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

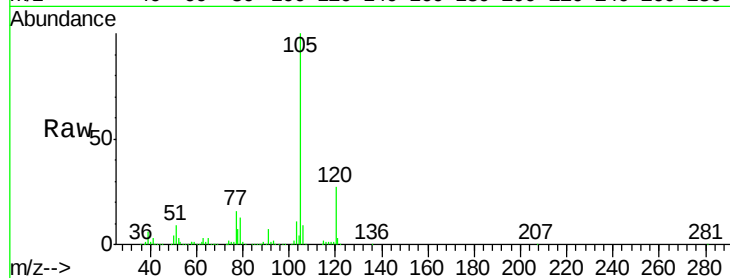
ClientSampled :

Tot Ion:105 Resp: 215596

Ion Ratio Lower Upper

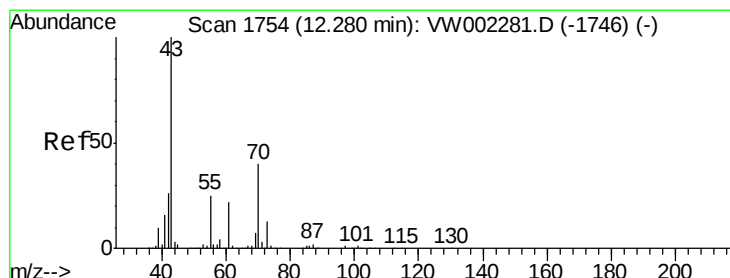
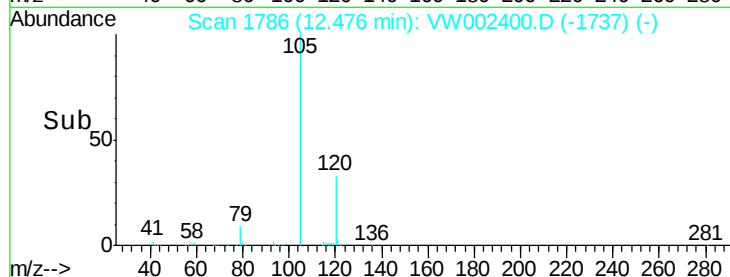
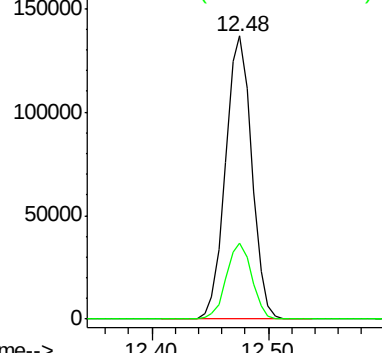
105 100

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



#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

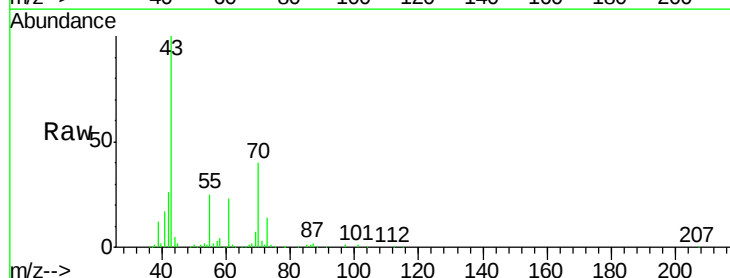
Ion Ratio Lower Upper

43 100

70 41.4 31.9 47.9

55 25.0 19.9 29.9

61 23.6 18.2 27.2

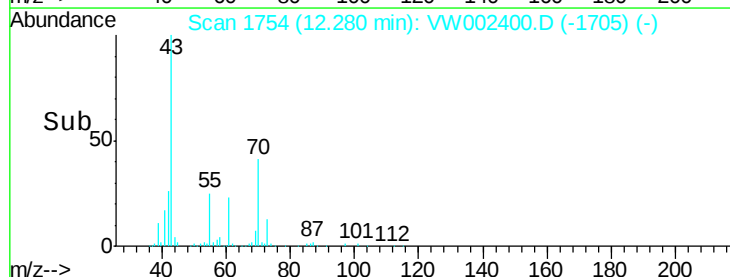
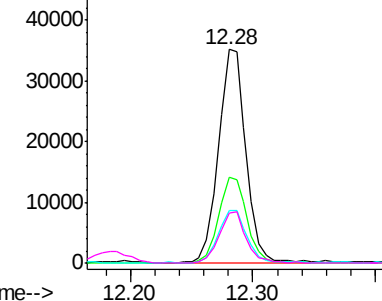


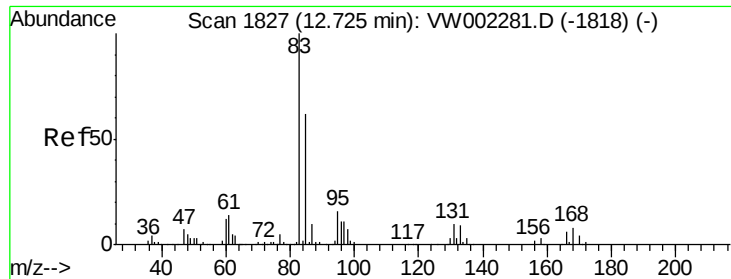
Abundance Ion 43.00 (42.70 to 43.70): VV

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





#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 :

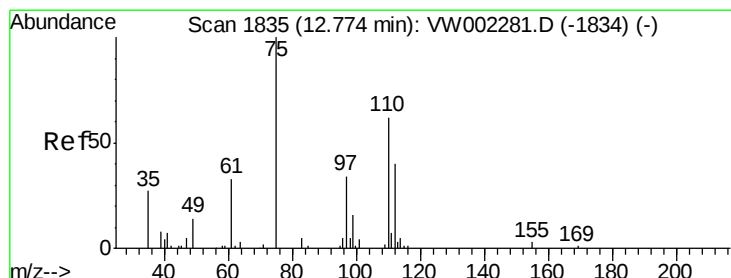
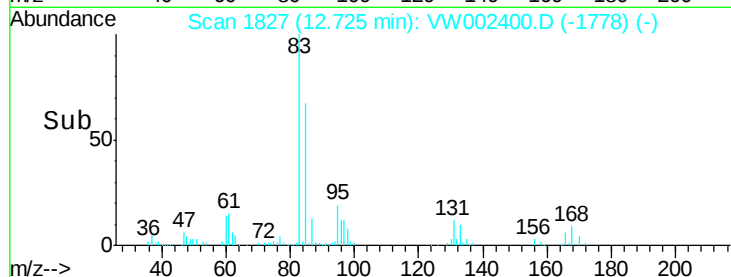
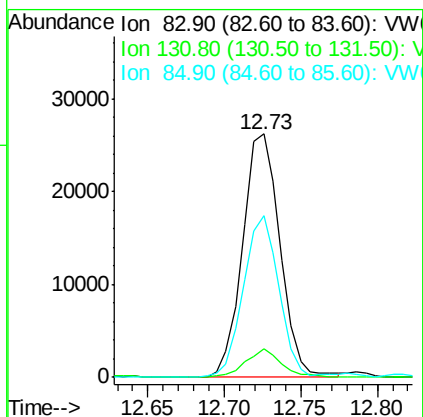
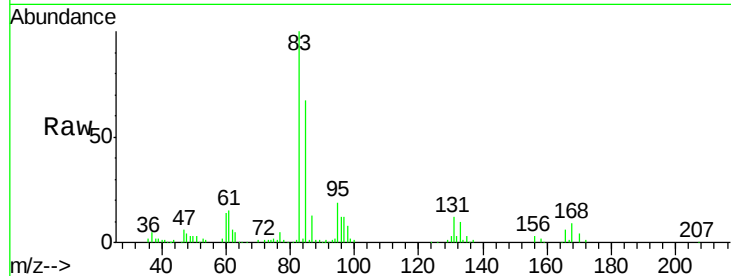
Tot Ion: 83 Resp: 44750

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.5

85 62.8 31.5 94.5



#76

1,2,3-Trichloropropane

Concen: 38.36 ug/l

RT: 12.78 min Scan# 1836

Delta R.T. 0.01 min

Lab File: VW002400.D

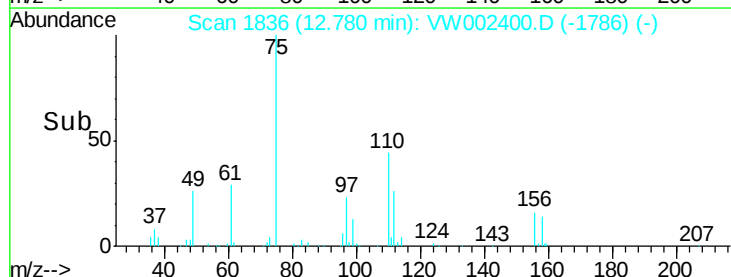
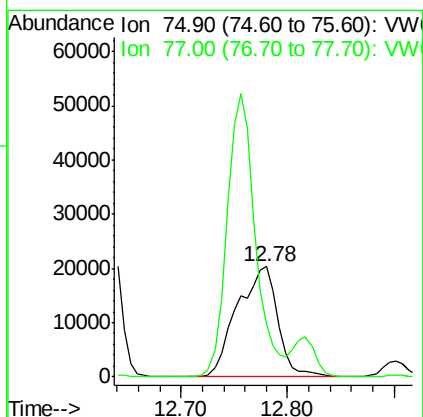
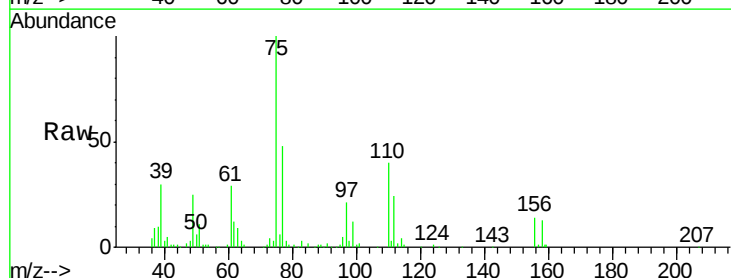
Acq: 11 May 2018 01:14

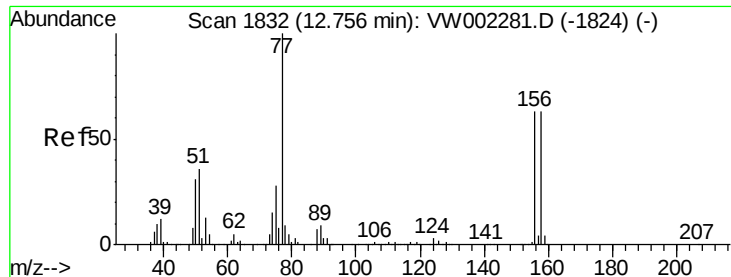
Tgt Ion: 75 Resp: 54588

Ion Ratio Lower Upper

75 100

77 0.0 187.5 562.6#





#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

ClientSampled :

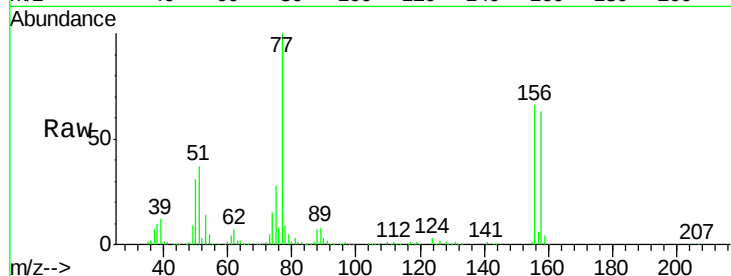
Tot Ion:156 Resp: 55909

Ion Ratio Lower Upper

156 100

77 174.0 87.7 263.1

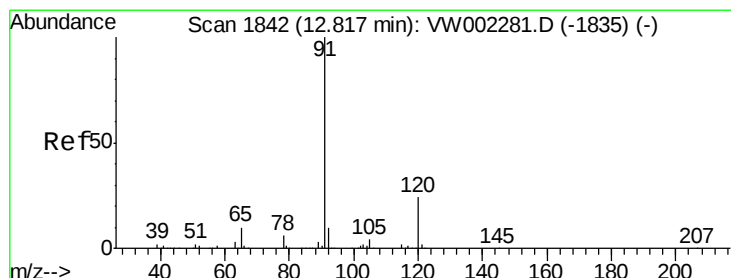
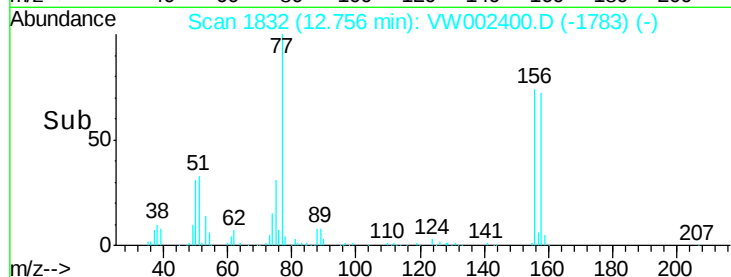
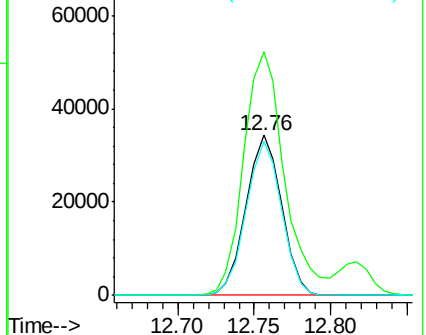
158 95.6 48.6 145.8



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

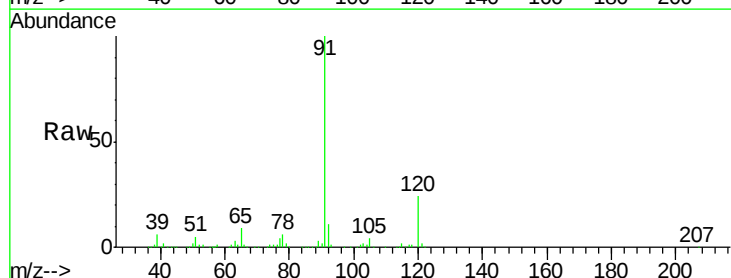
Acq: 11 May 2018 01:14

Tgt Ion: 91 Resp: 260473

Ion Ratio Lower Upper

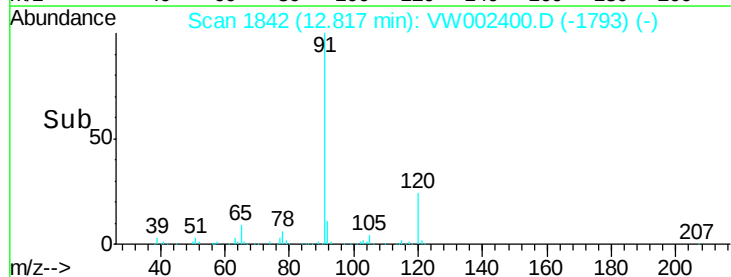
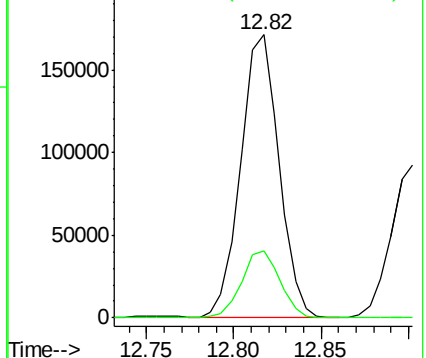
91 100

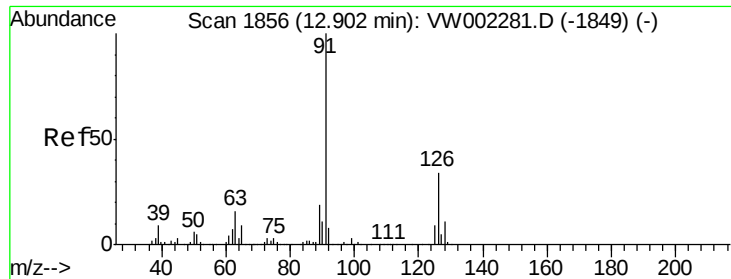
120 23.7 11.5 34.5



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

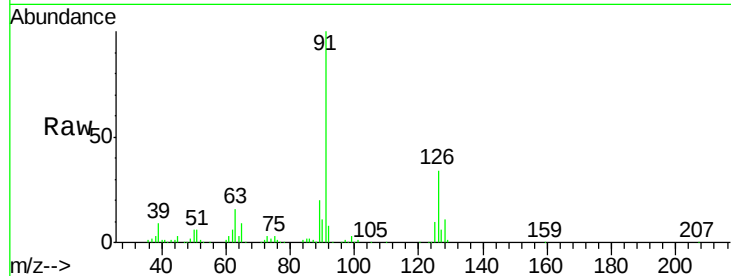
ClientSampled :

Tot Ion: 91 Resp: 149729

Ion Ratio Lower Upper

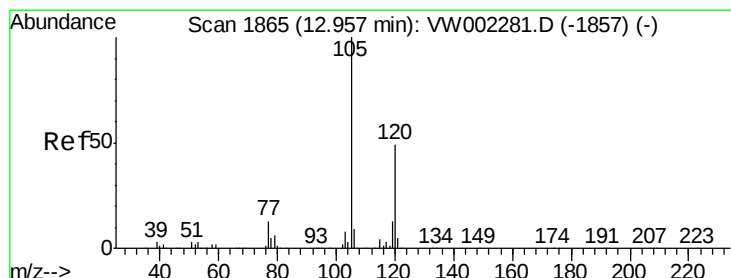
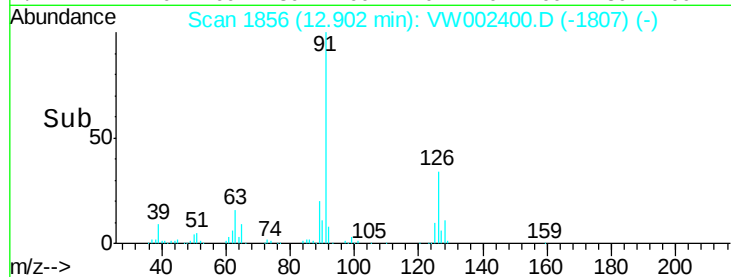
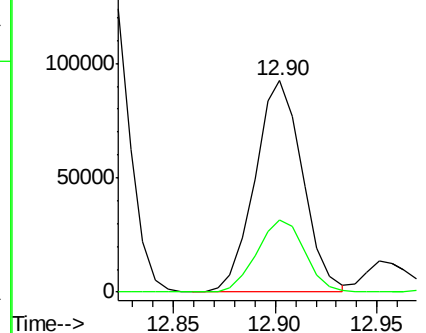
91 100

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

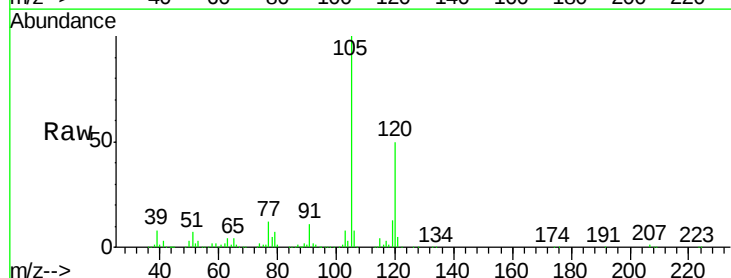
Acq: 11 May 2018 01:14

Tgt Ion:105 Resp: 183740

Ion Ratio Lower Upper

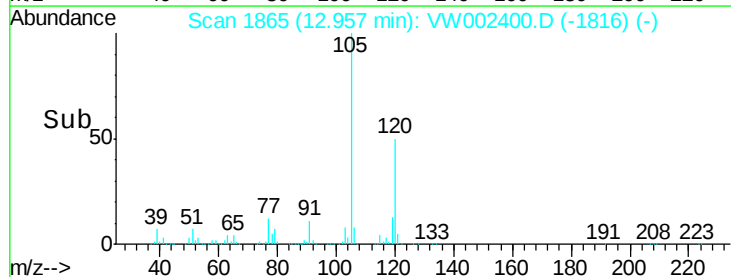
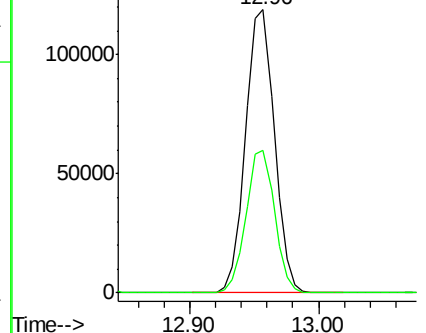
105 100

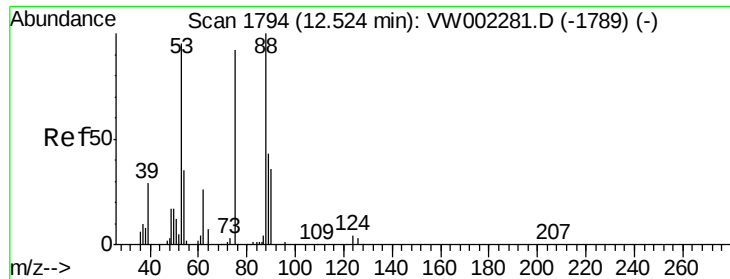
120 49.7 24.6 74.0



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 :

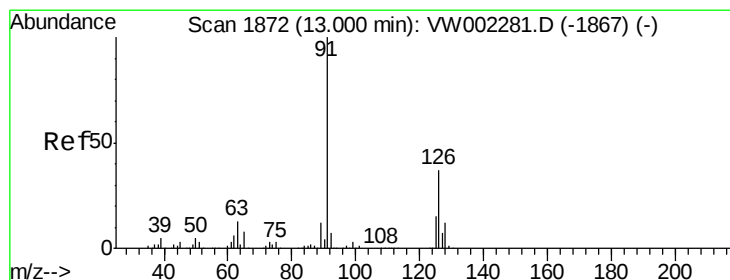
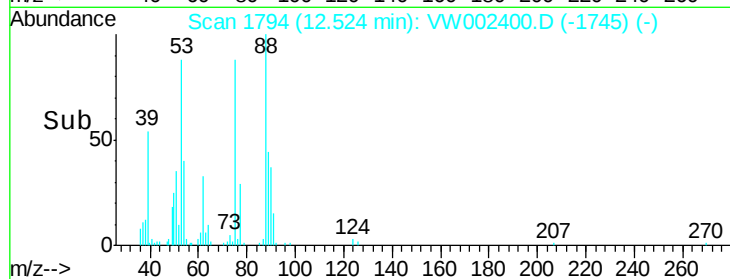
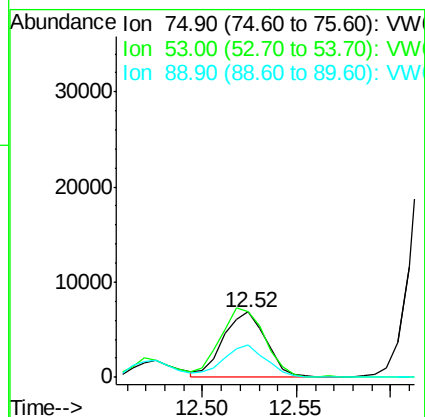
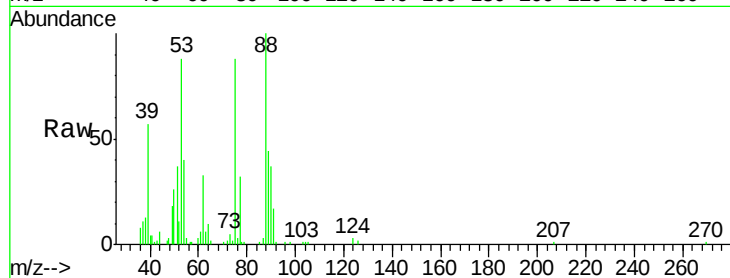
Tot Ion: 75 Resp: 10927

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

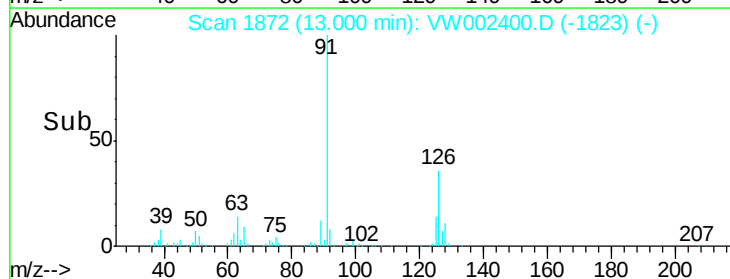
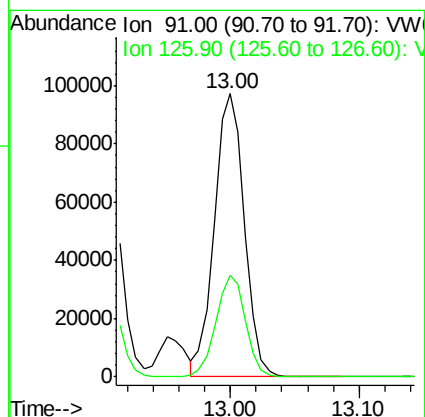
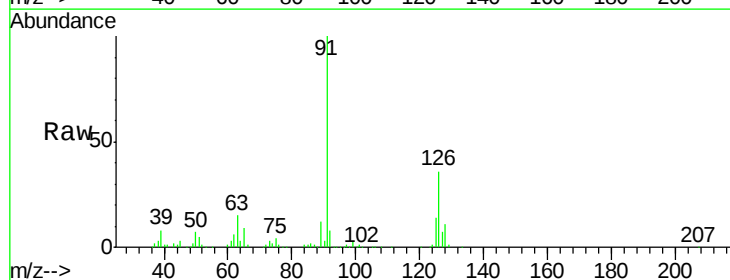
Acq: 11 May 2018 01:14

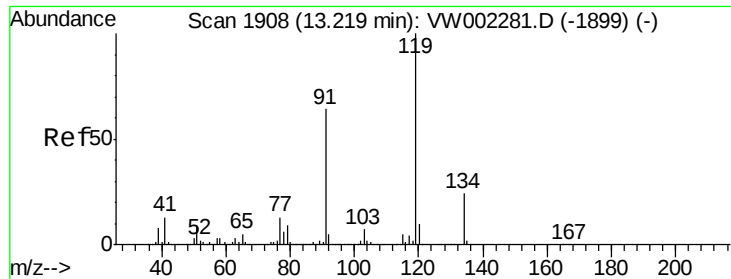
Tgt Ion: 91 Resp: 158575

Ion Ratio Lower Upper

91 100

126 35.2 17.4 52.3

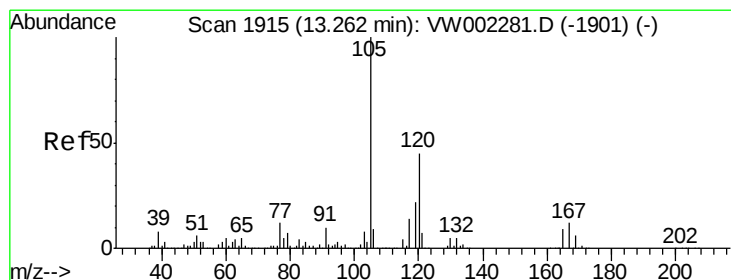
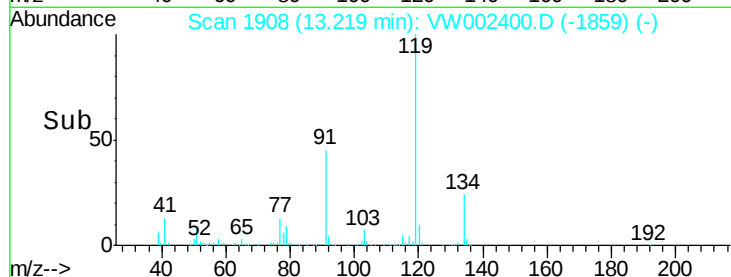
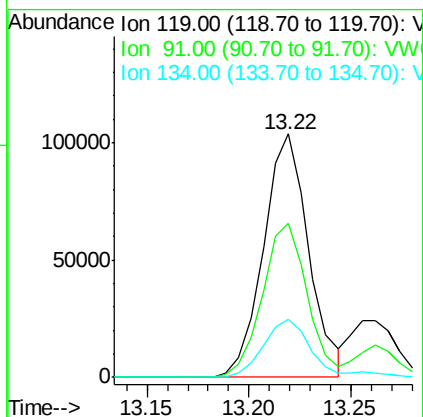
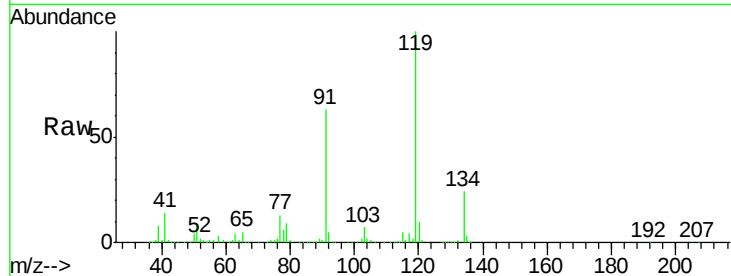




#83
tert-Butylbenzene
Concen: 21.18 ug/l
RT: 13.22 min Scan# 1908
Delta R.T. -0.00 min
Lab File: VW002400.D
Acq: 11 May 2018 01:14

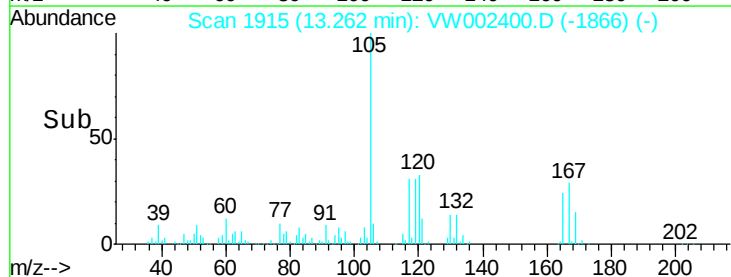
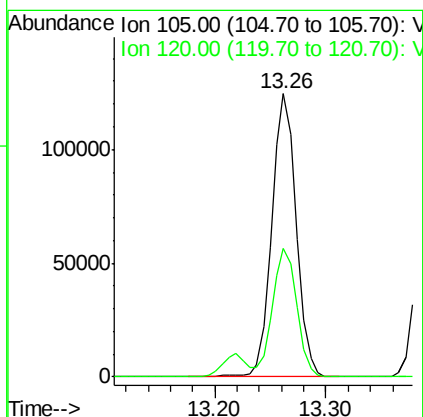
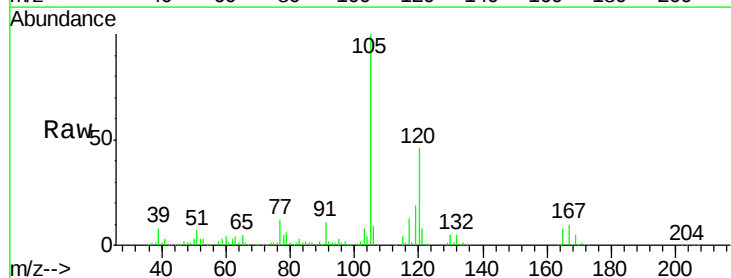
Instrument :
MSVOA_W
ClientSampled :

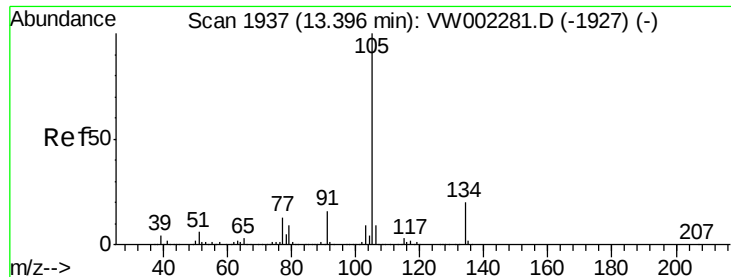
Tot Ion:119 Resp: 159870
Ion Ratio Lower Upper
119 100
91 63.0 31.6 94.8
134 25.9 13.1 39.3



#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

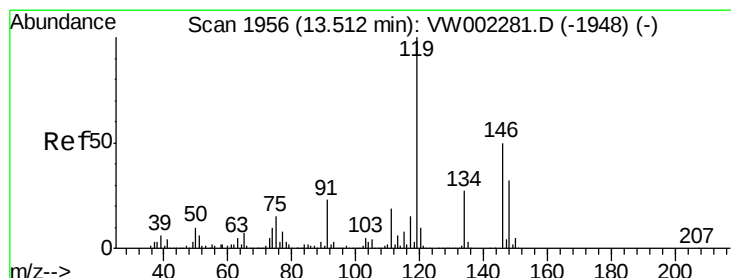
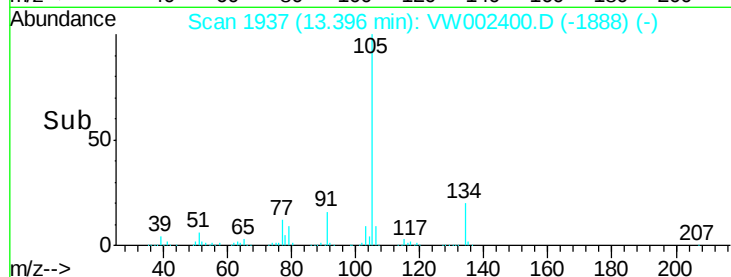
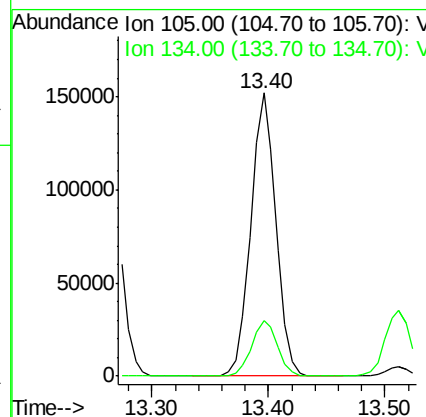
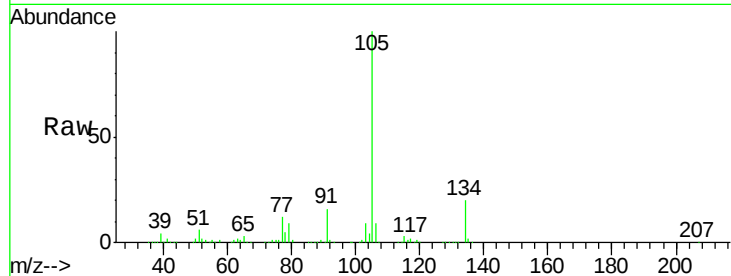




#85
 sec-Butylbenzene
 Concen: 21.09 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VW002400.D
 Acq: 11 May 2018 01:14

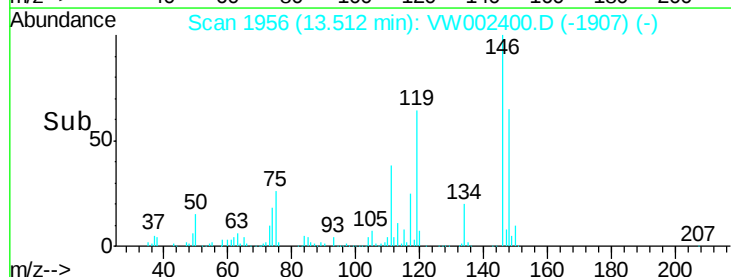
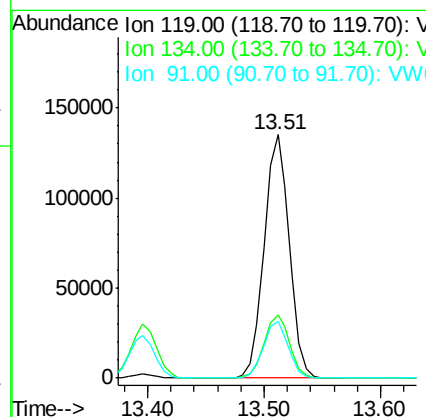
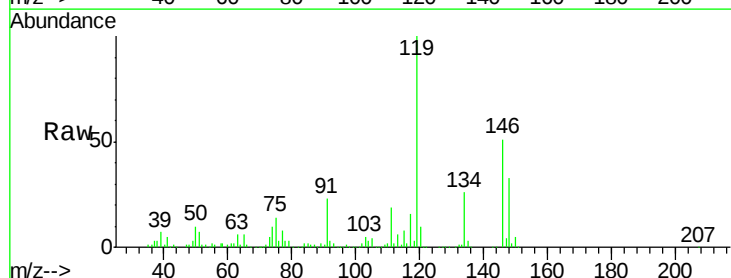
Instrument :
 MSVOA_W
 ClientSampled :

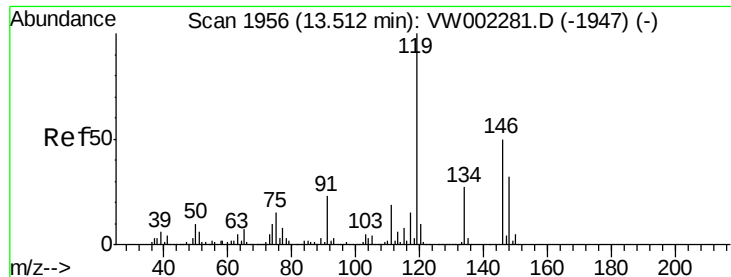
Tot Ion:105 Resp: 227290
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.3 30.8



#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

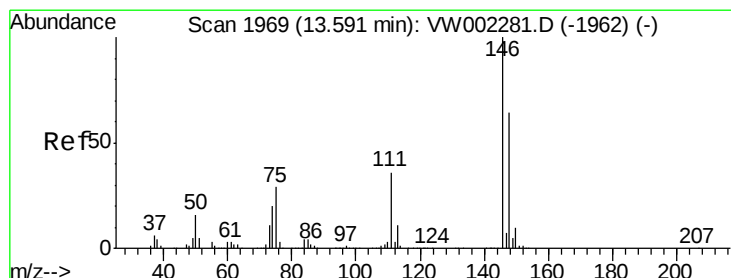
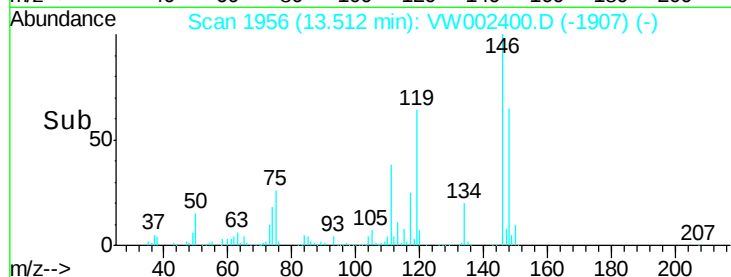
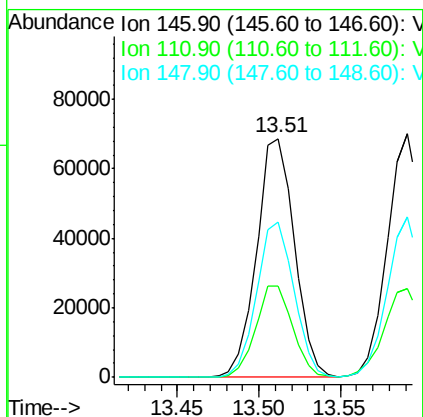
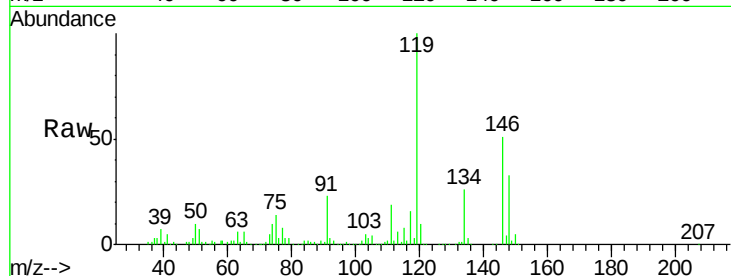




#87
 1,3-Dichlorobenzene
 Concen: 21.24 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW002400.D
 Acq: 11 May 2018 01:14

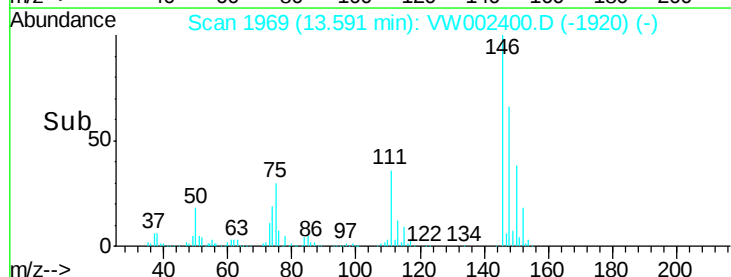
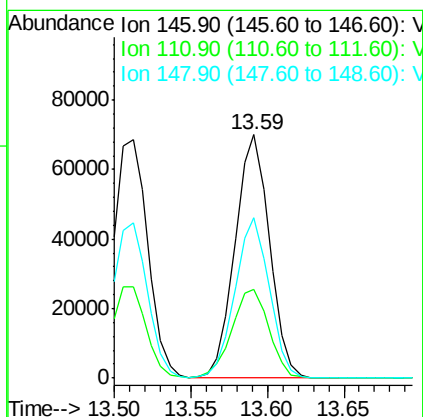
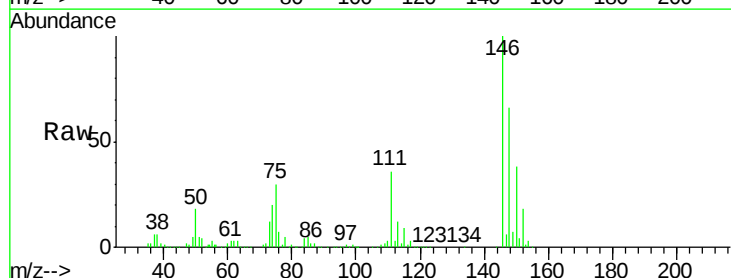
Instrument :
 MSVOA_W
 ClientSampled :

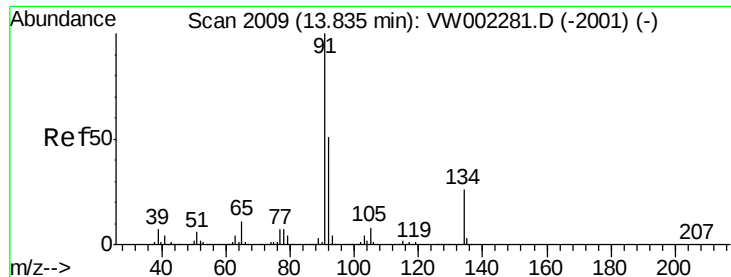
Tot Ion:146 Resp: 110474
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.3 57.8
 148 64.4 31.6 95.0



#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

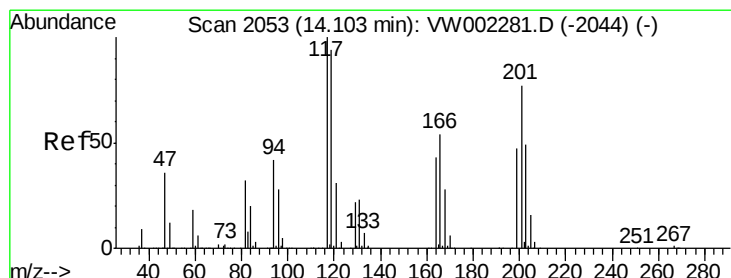
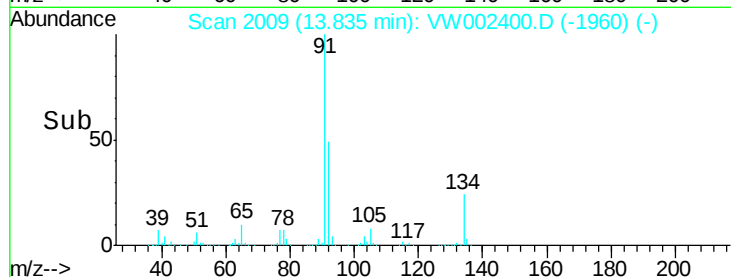
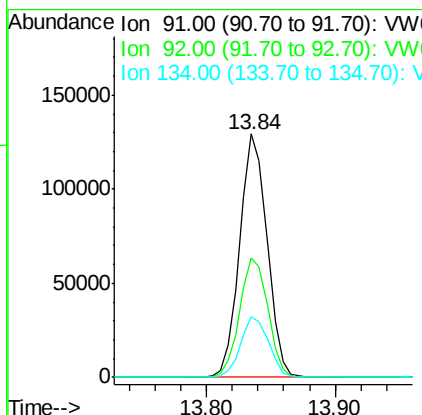
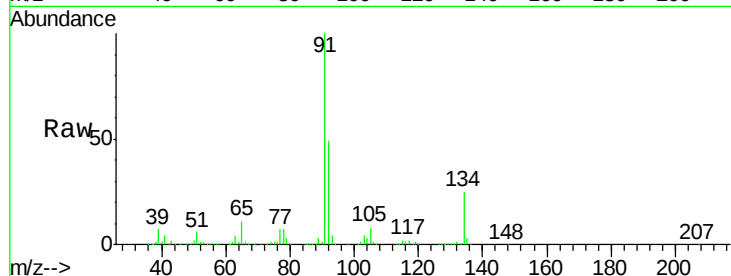




#89
n-Butylbenzene
Concen: 21.10 ug/l
RT: 13.84 min Scan# 2009
Delta R.T. -0.00 min
Lab File: VW002400.D
Acq: 11 May 2018 01:14

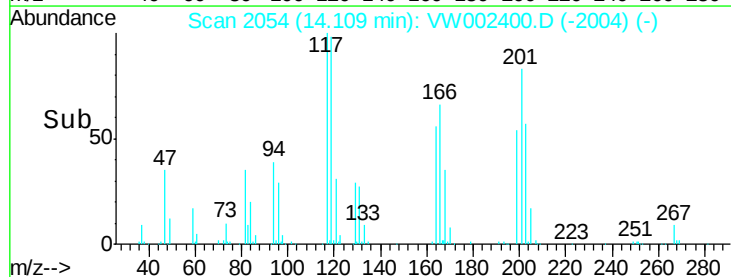
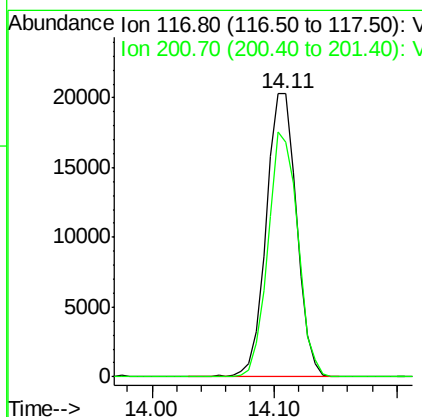
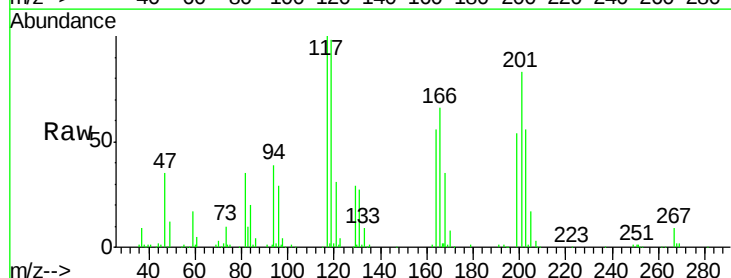
Instrument :
MSVOA_W
ClientSampleId :

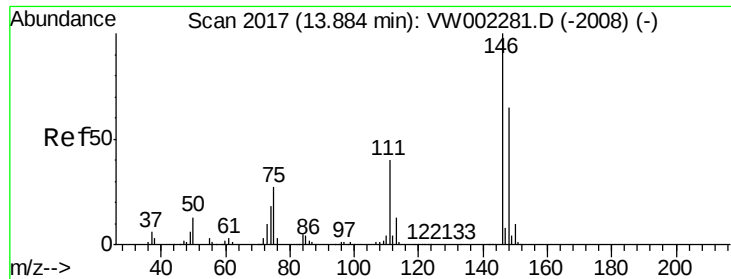
Tot Ion: 91 Resp: 190238
Ion Ratio Lower Upper
91 100
92 50.5 25.9 77.8
134 25.6 13.1 39.1



#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





#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

ClientSampled :

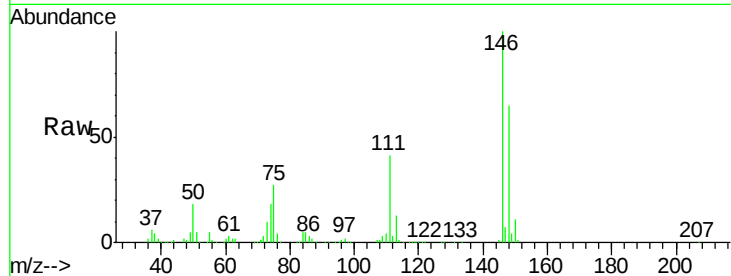
Tot Ion:146 Resp: 100279

Ion Ratio Lower Upper

146 100

111 40.4 20.0 59.9

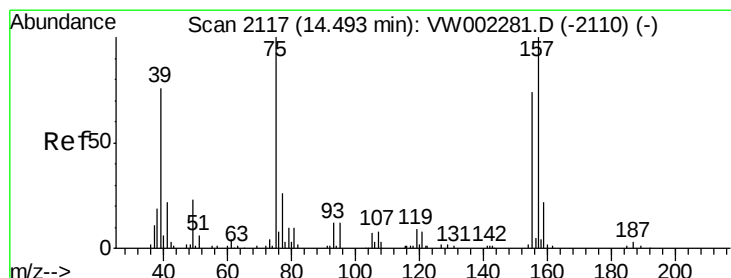
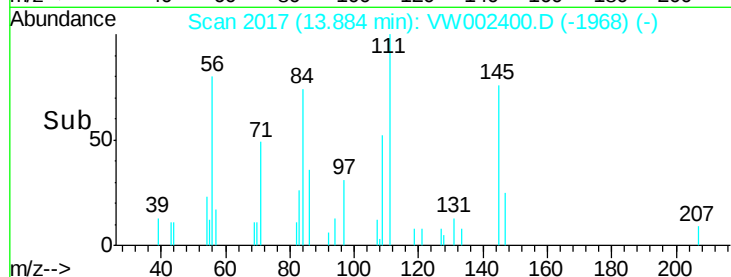
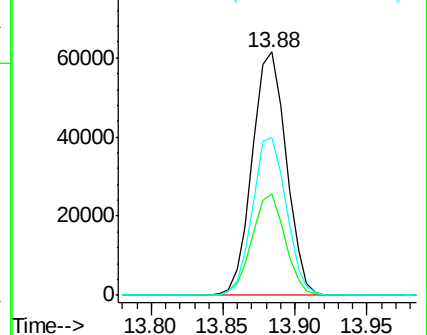
148 64.7 32.5 97.5



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

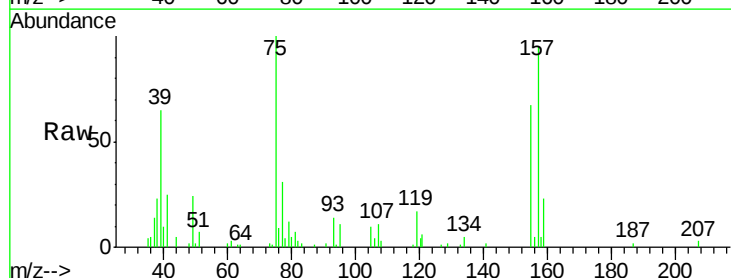
Tgt Ion: 75 Resp: 7951

Ion Ratio Lower Upper

75 100

155 84.8 43.3 129.8

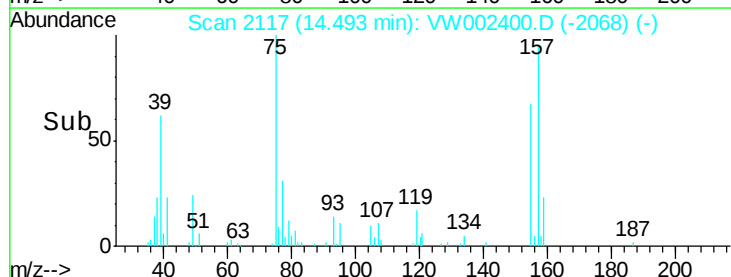
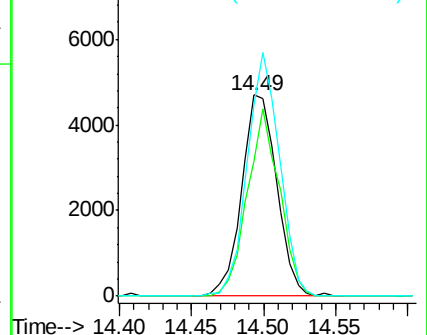
157 110.9 55.8 167.4

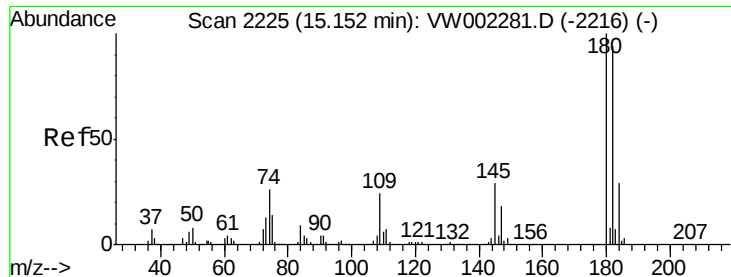


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

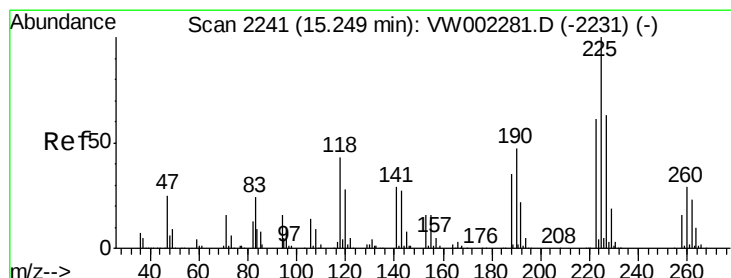
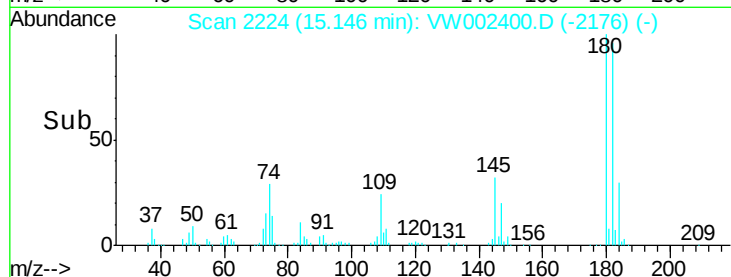
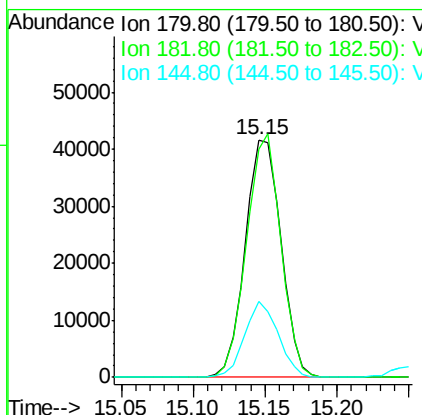
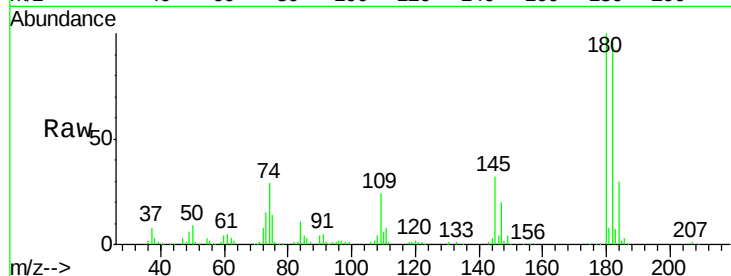




#93
 1,2,4-Trichlorobenzene
 Concen: 21.26 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: VW002400.D
 Acq: 11 May 2018 01:14

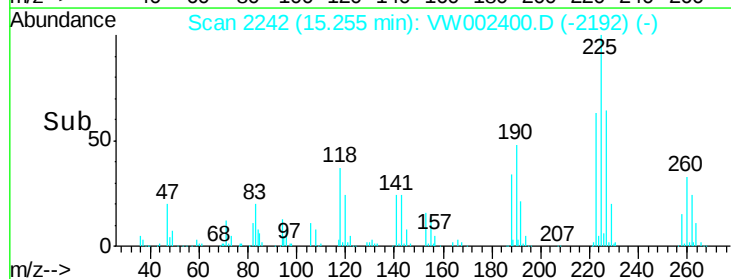
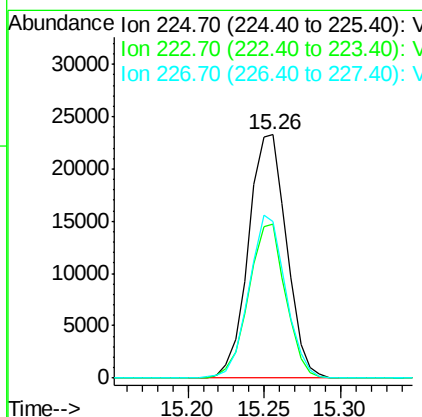
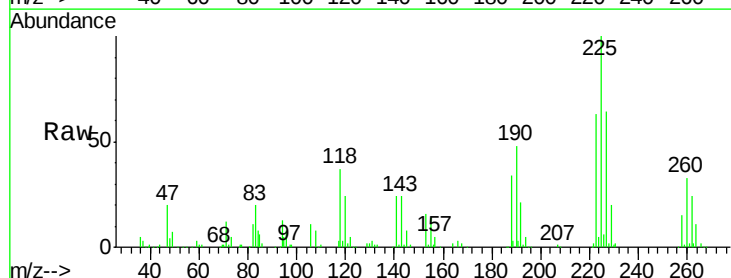
Instrument :
 MSVOA_W
 ClientSampled :

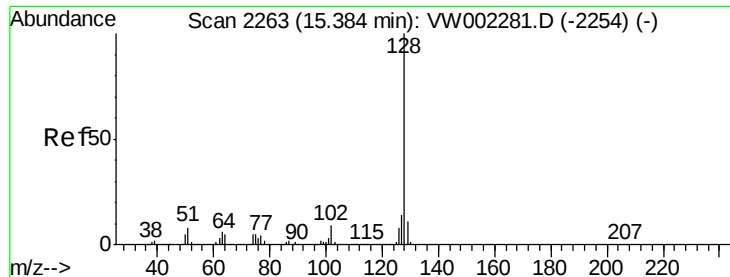
Tot Ion:180 Resp: 71723
 Ion Ratio Lower Upper
 180 100
 182 97.8 47.3 141.8
 145 30.0 14.5 43.6



#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

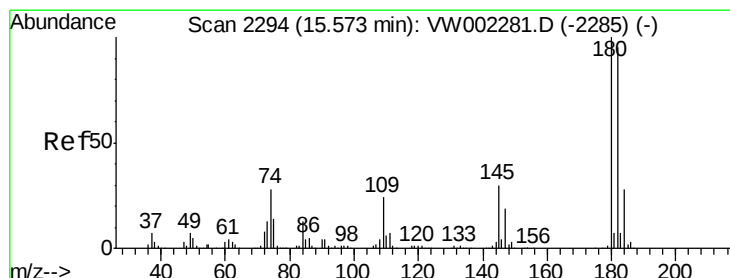
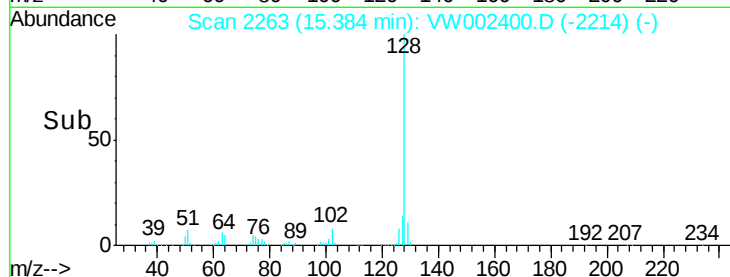
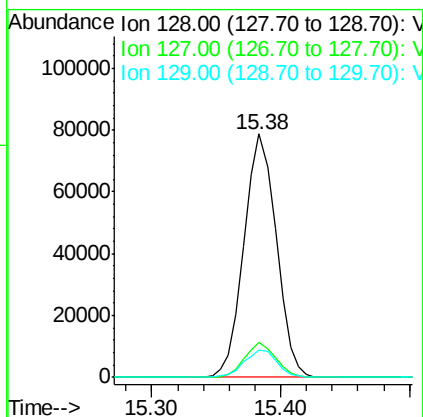
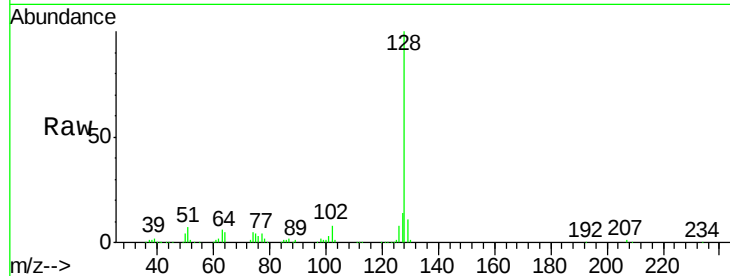




#95
Naphthalene
Concen: 22.09 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VW002400.D
Acq: 11 May 2018 01:14

Instrument :
MSVOA_W
ClientSampled :

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



#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

