

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090118\
 Data File : VW005064.D
 Acq On : 01 Sep 2018 04:52
 Operator : SY/AP
 Sample : VW0901SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBSD01

Quant Time: Sep 01 07:32:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	502709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	734362	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	712464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	384908	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	211782	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
35) Dibromofluoromethane	7.89	113	213726	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
50) Toluene-d8	10.33	98	993899	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
62) 4-Bromofluorobenzene	12.62	95	352166	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	91142	22.499	ug/l	100
3) Chloromethane	2.21	50	121847	20.727	ug/l	98
4) Vinyl Chloride	2.36	62	121544	21.261	ug/l	99
5) Bromomethane	2.76	94	83699	21.225	ug/l	98
6) Chloroethane	2.92	64	73782	20.735	ug/l	99
7) Trichlorofluoromethane	3.26	101	136595	21.241	ug/l	95
8) Diethyl Ether	3.69	74	49567	21.304	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	95018	21.511	ug/l	100
10) Methyl Iodide	4.28	142	118806	20.442	ug/l	100
11) Tert butyl alcohol	5.17	59	35087	147.143	ug/l	96
12) 1,1-Dichloroethene	4.04	96	86783	21.349	ug/l	98
13) Acrolein	3.90	56	28017	103.581	ug/l	100
14) Allyl chloride	4.67	41	132314	20.823	ug/l	99
15) Acrylonitrile	5.38	53	102778	104.726	ug/l	99
16) Acetone	4.13	43	87465	104.657	ug/l	100
17) Carbon Disulfide	4.38	76	290210	20.489	ug/l	100
18) Methyl Acetate	4.68	43	59632	24.256	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	217758	22.061	ug/l	98
20) Methylene Chloride	4.92	84	135451	21.796	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	103533	20.904	ug/l	96
22) Diisopropyl ether	6.32	45	286701	21.442	ug/l	98
23) Vinyl Acetate	6.26	43	744518	106.005	ug/l	99
24) 1,1-Dichloroethane	6.23	63	174036	20.823	ug/l	99
25) 2-Butanone	7.18	43	156582	108.020	ug/l	100
26) 2,2-Dichloropropane	7.17	77	140349	20.435	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	112862	20.832	ug/l	99
28) Bromochloromethane	7.52	49	67037	19.928	ug/l	99
29) Tetrahydrofuran	7.54	42	79360	107.147	ug/l	100
30) Chloroform	7.68	83	175031	20.519	ug/l	96
31) Cyclohexane	7.96	56	180084	22.003	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	158746	21.368	ug/l	99
36) 1,1-Dichloropropene	8.09	75	153634	21.967	ug/l	98
37) Ethyl Acetate	7.26	43	55444	21.197	ug/l	99
38) Carbon Tetrachloride	8.07	117	142882	21.485	ug/l	98

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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)
39) Methylcyclohexane	9.34	83	182789	21.611	ug/l	98
40) Benzene	8.33	78	446343	20.846	ug/l	99
41) Methacrylonitrile	7.49	41	35067	23.139	ug/l	96
42) 1,2-Dichloroethane	8.40	62	109303	20.859	ug/l	100
43) Isopropyl Acetate	8.43	43	98826	20.764	ug/l	98
44) Trichloroethene	9.10	130	122016	21.121	ug/l	99
45) 1,2-Dichloropropane	9.37	63	109659	20.965	ug/l	99
46) Dibromomethane	9.46	93	52294	20.908	ug/l	99
47) Bromodichloromethane	9.65	83	133341	21.173	ug/l	98
48) Methyl methacrylate	9.44	41	47244	20.614	ug/l	98
49) 1,4-Dioxane	9.46	88	16690	412.635	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	333453	104.535	ug/l	99
52) Toluene	10.40	92	305001	21.023	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	129129	20.867	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	160427	21.317	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	80072	20.677	ug/l	98
56) Ethyl methacrylate	10.65	69	92004	20.825	ug/l	99
57) 1,3-Dichloropropane	10.94	76	134626	21.117	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	220867	105.503	ug/l	99
59) 2-Hexanone	10.98	43	222904	103.316	ug/l	99
60) Dibromochloromethane	11.13	129	90303	20.627	ug/l	100
61) 1,2-Dibromoethane	11.24	107	73815	21.113	ug/l	99
64) Tetrachloroethene	10.87	164	117924	21.095	ug/l	97
65) Chlorobenzene	11.66	112	331815	20.687	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	101574	20.724	ug/l	100
67) Ethyl Benzene	11.74	91	567198	20.918	ug/l	100
68) m/p-Xylenes	11.85	106	462682	42.617	ug/l	100
69) o-Xylene	12.17	106	212857	21.206	ug/l	98
70) Styrene	12.19	104	348148	20.997	ug/l	99
71) Bromoform	12.35	173	54280	20.895	ug/l #	100
73) Isopropylbenzene	12.47	105	565101	20.822	ug/l	99
74) N-amyl acetate	12.28	43	93335	19.972	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	87049	21.069	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	111152	38.471	ug/l #	100
77) Bromobenzene	12.76	156	137858	20.615	ug/l	100
78) n-propylbenzene	12.81	91	699296	21.344	ug/l	100
79) 2-Chlorotoluene	12.90	91	399691	20.910	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	500267	21.315	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	23890	19.902	ug/l	97
82) 4-Chlorotoluene	12.99	91	419894	20.803	ug/l	100
83) tert-Butylbenzene	13.21	119	416038	21.226	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	505018	21.128	ug/l	100
85) sec-Butylbenzene	13.39	105	611867	21.242	ug/l	100
86) p-Isopropyltoluene	13.51	119	540717	21.206	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	284872	20.738	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	282150	20.706	ug/l	99
89) n-Butylbenzene	13.83	91	491480	20.799	ug/l	100
90) Hexachloroethane	14.10	117	86592	20.445	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	249925	20.874	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	13376	20.717	ug/l	99

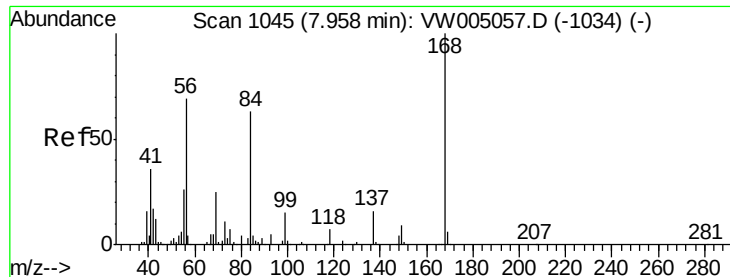
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QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	166503	20.740	ug/l	100
94) Hexachlorobutadiene	15.24	225	104643	20.958	ug/l	99
95) Naphthalene	15.38	128	257468	21.055	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	141341	20.572	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005064.D

Acq: 01 Sep 2018 04:52

Instrument :

MSVOA_W

ClientSampleId :

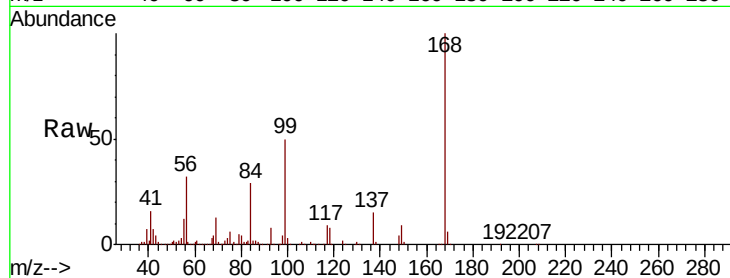
VW0901SBSD01

Tgt Ion:168 Resp: 502709

Ion Ratio Lower Upper

168 100

99 49.6 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

250000

200000

150000

100000

50000

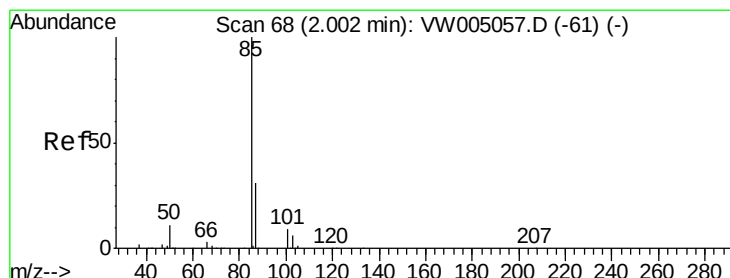
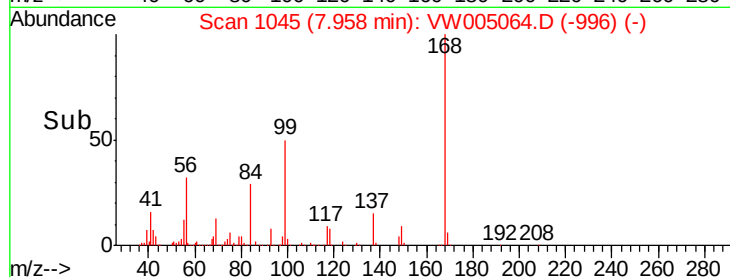
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 22.499 ug/l

RT: 2.00 min Scan# 67

Delta R.T. -0.01 min

Lab File: VW005064.D

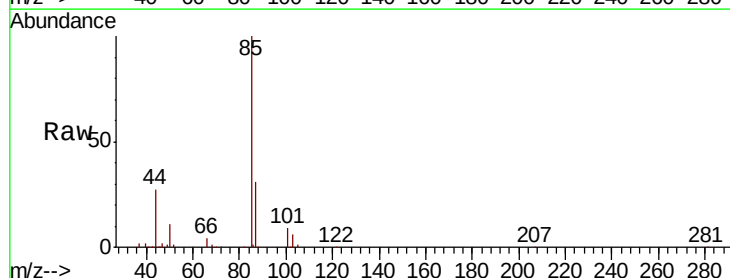
Acq: 01 Sep 2018 04:52

Tgt Ion: 85 Resp: 91142

Ion Ratio Lower Upper

85 100

87 31.3 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

60000

40000

20000

0

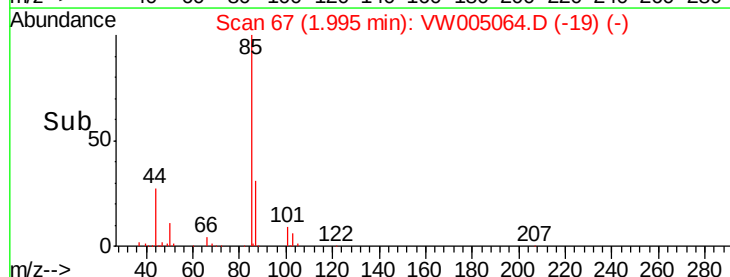
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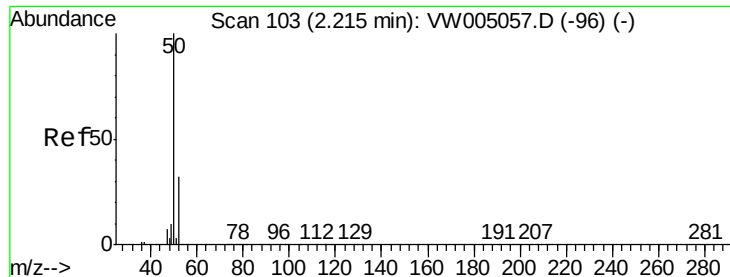
2.00

2.05

2.10

Time-->





#3

Chloromethane

Concen: 20.727 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.01 min

Lab File: VW005064.D

Acq: 01 Sep 2018 04:52

Instrument :

MSVOA_W

ClientSampleId :

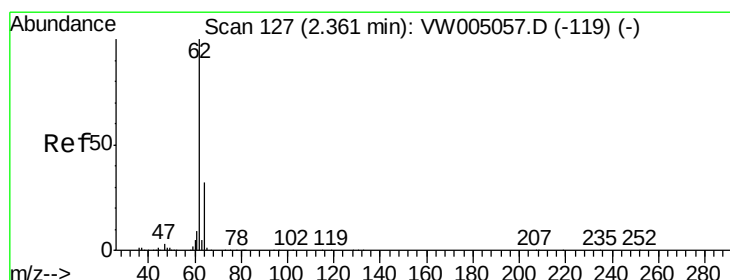
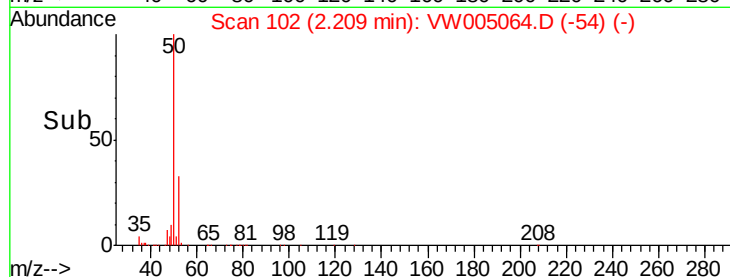
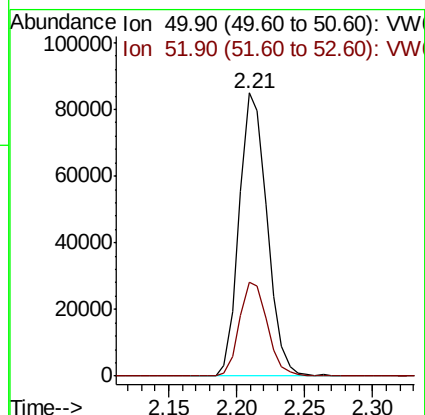
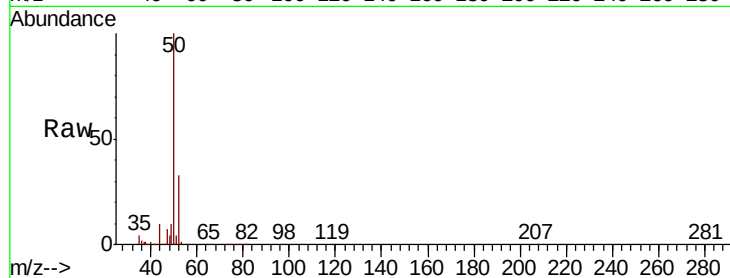
VW0901SBSD01

Tgt Ion: 50 Resp: 121847

Ion Ratio Lower Upper

50 100

52 33.3 25.8 38.6



#4

Vinyl Chloride

Concen: 21.261 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.01 min

Lab File: VW005064.D

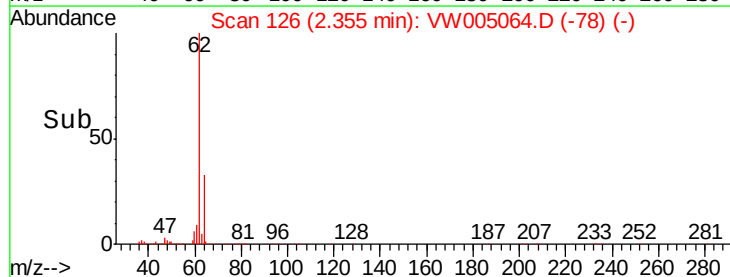
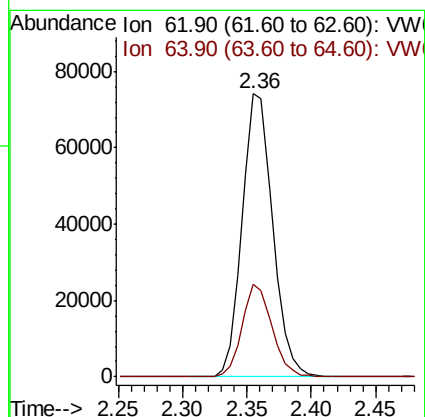
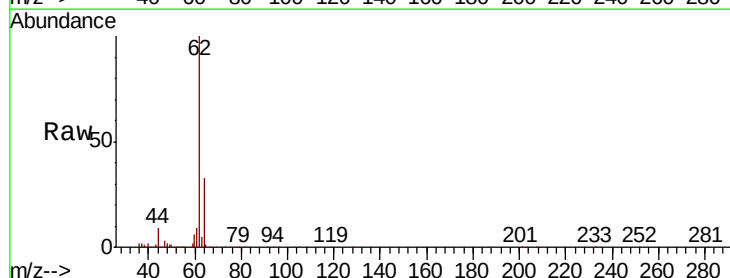
Acq: 01 Sep 2018 04:52

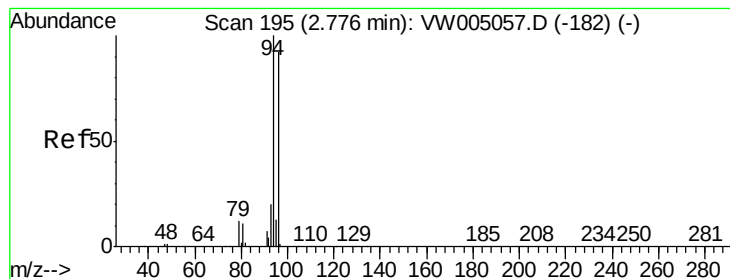
Tgt Ion: 62 Resp: 121544

Ion Ratio Lower Upper

62 100

64 32.4 25.6 38.4





#5

Bromomethane

Concen: 21.225 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW005064.D

Acq: 01 Sep 2018 04:52

Instrument :

MSVOA_W

ClientSampleId :

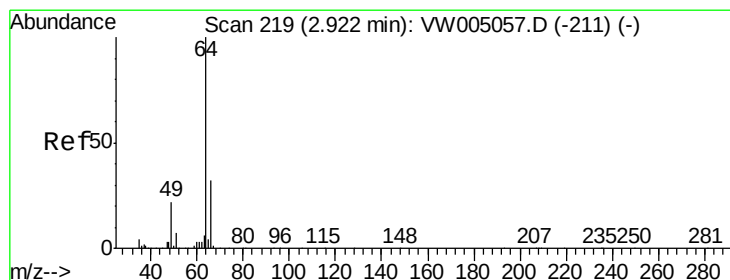
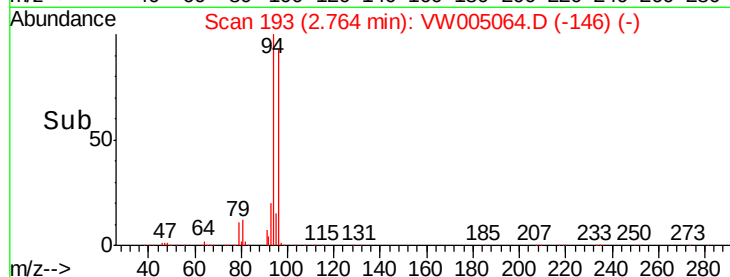
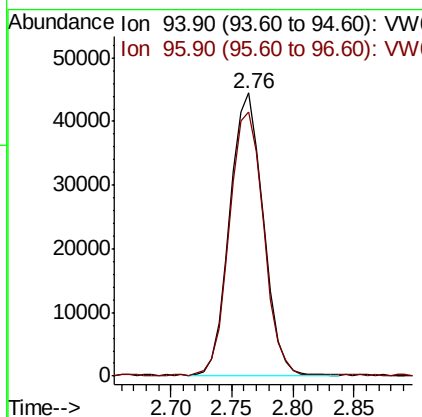
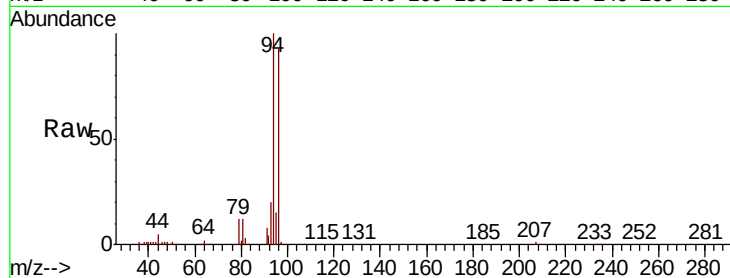
VW0901SBSD01

Tgt Ion: 94 Resp: 83699

Ion Ratio Lower Upper

94 100

96 93.1 73.2 109.8



#6

Chloroethane

Concen: 20.735 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW005064.D

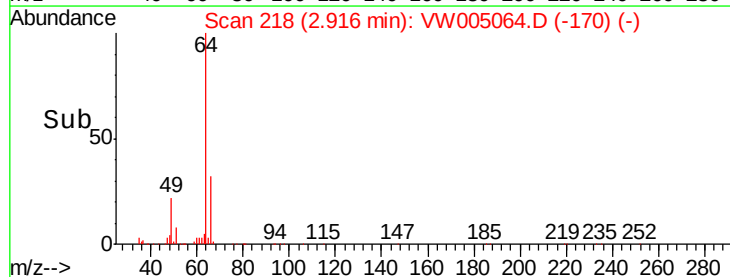
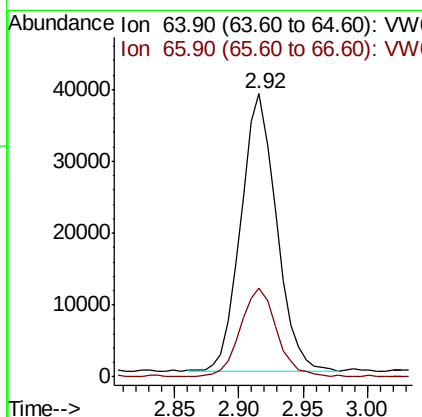
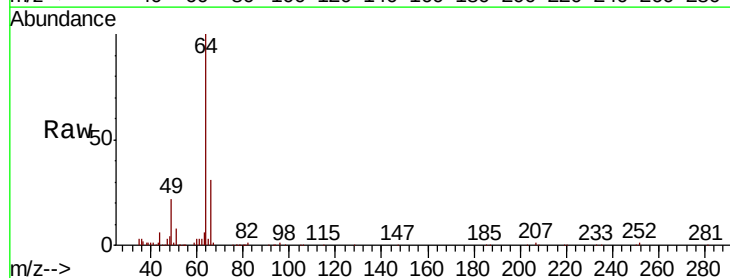
Acq: 01 Sep 2018 04:52

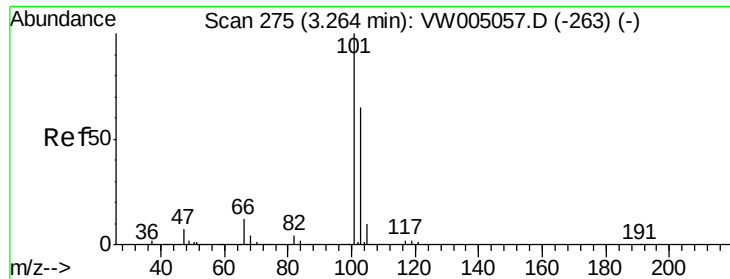
Tgt Ion: 64 Resp: 73782

Ion Ratio Lower Upper

64 100

66 31.7 25.7 38.5



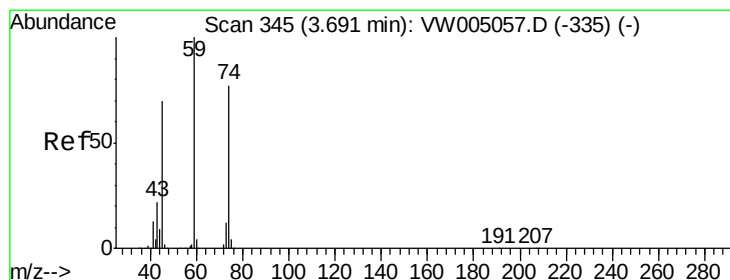
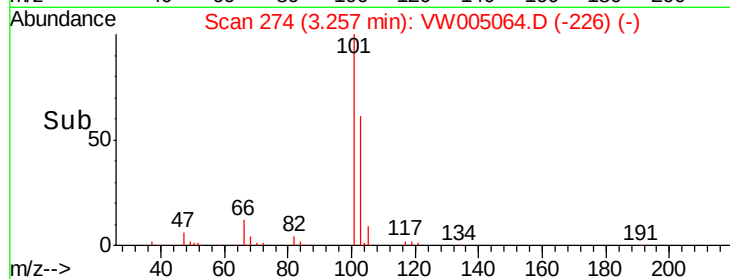
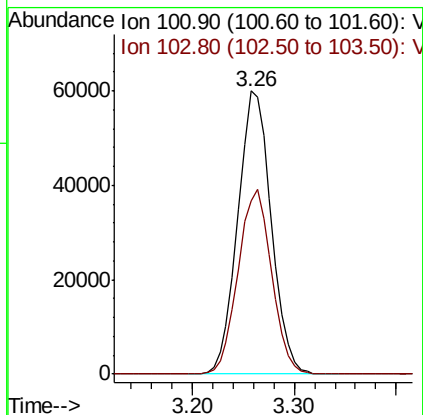
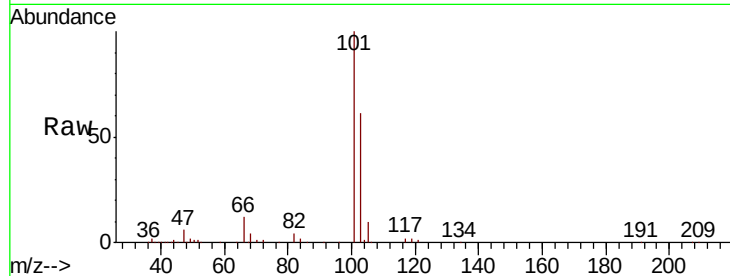


#7

Trichlorofluoromethane
 Concen: 21.241 ug/l
 RT: 3.26 min Scan# 274
 Delta R.T. -0.01 min
 Lab File: VW005064.D
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 MSVOA_W
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 VW0901SBSD01

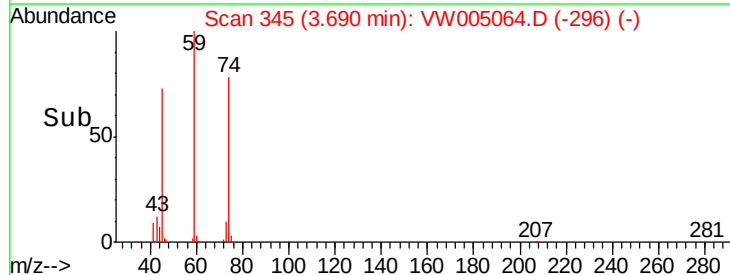
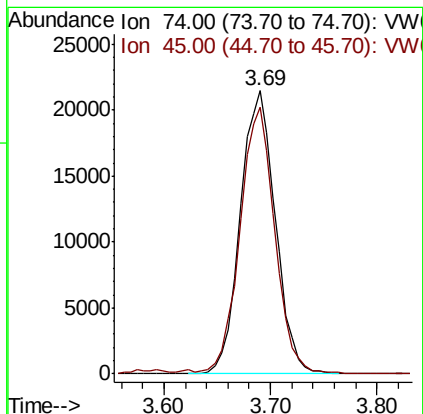
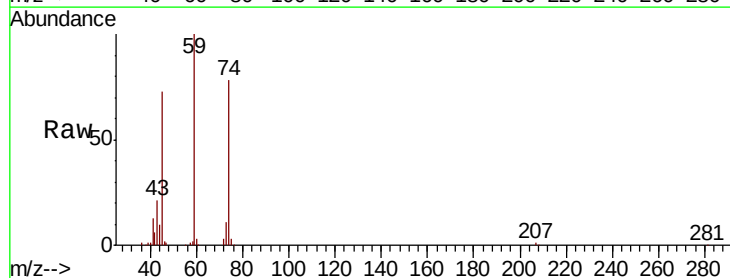
Tgt Ion:101 Resp: 136595
 Ion Ratio Lower Upper
 101 100
 103 61.3 51.9 77.9

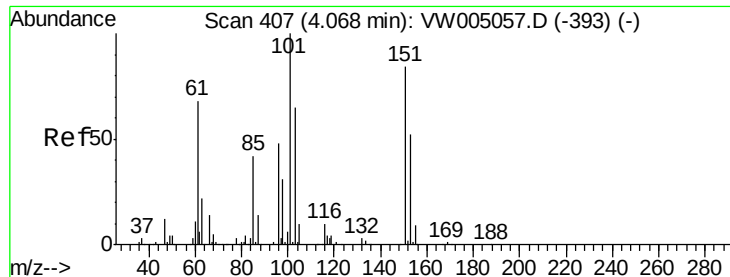


#8

Diethyl Ether
 Concen: 21.304 ug/l
 RT: 3.69 min Scan# 345
 Delta R.T. -0.00 min
 Lab File: VW005064.D
 Acq: 01 Sep 2018 04:52

Tgt Ion: 74 Resp: 49567
 Ion Ratio Lower Upper
 74 100
 45 93.9 46.0 137.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.511 ug/l

RT: 4.07 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW005064.D

Acq: 01 Sep 2018 04:52

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBSD01

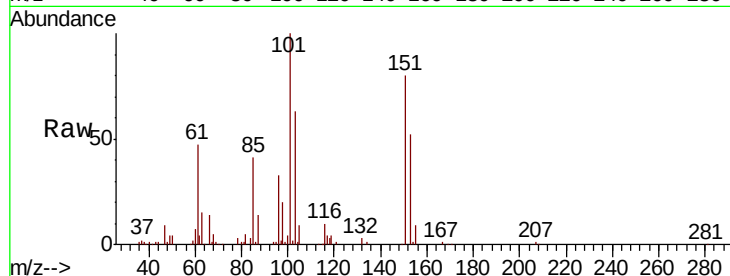
Tgt Ion:101 Resp: 95018

Ion Ratio Lower Upper

101 100

85 41.4 33.0 49.6

151 83.6 67.0 100.6

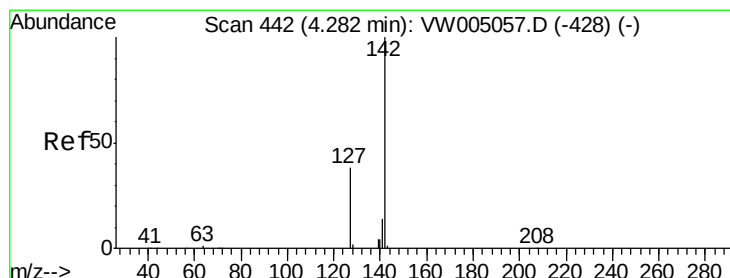
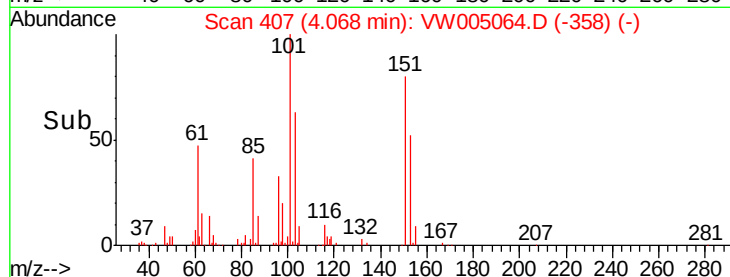
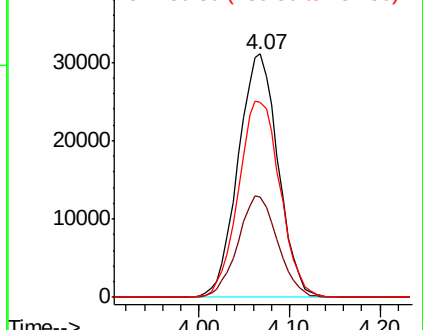


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.442 ug/l

RT: 4.28 min Scan# 441

Delta R.T. -0.01 min

Lab File: VW005064.D

Acq: 01 Sep 2018 04:52

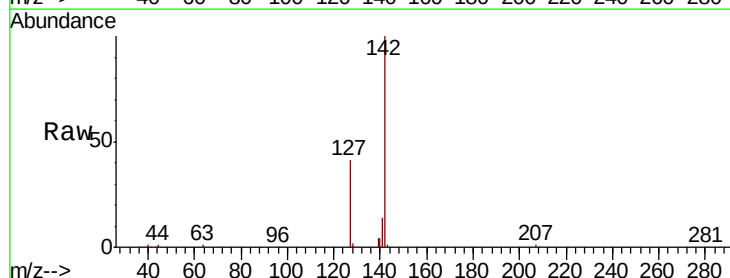
Tgt Ion:142 Resp: 118806

Ion Ratio Lower Upper

142 100

127 38.4 30.8 46.2

141 14.7 11.6 17.4

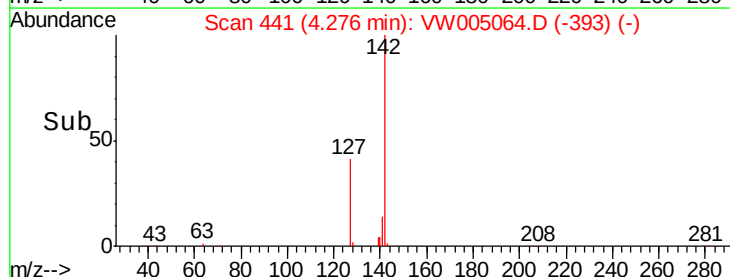
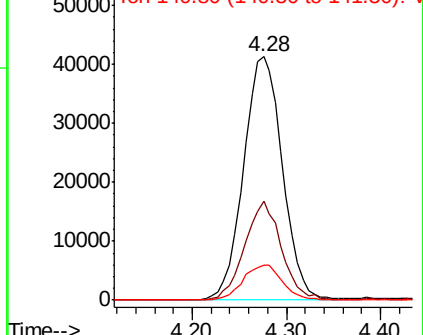


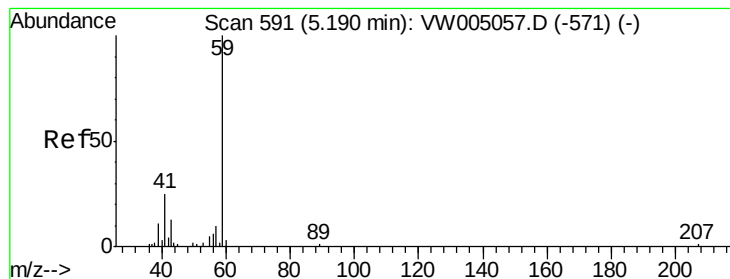
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



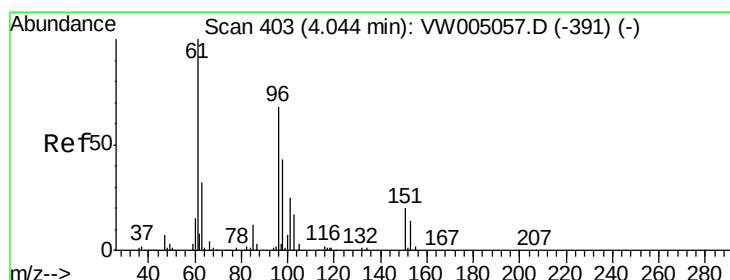
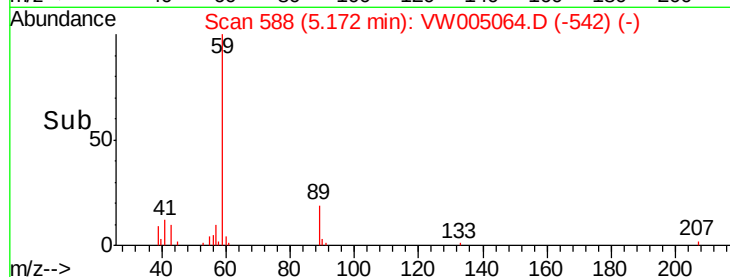
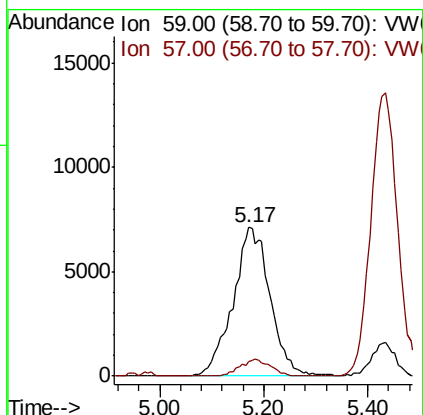
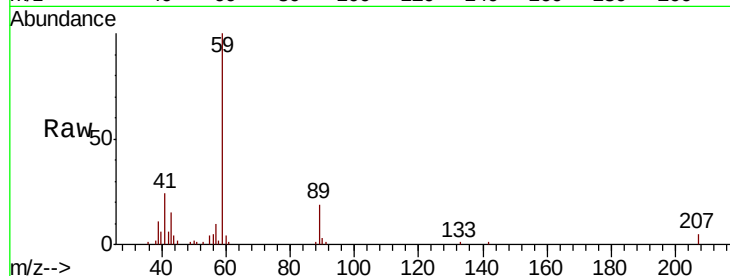


#11

Tert butyl alcohol
Concen: 147.143 ug/l
RT: 5.17 min Scan# 588
Delta R.T. -0.02 min
Lab File: VW005064.D
Acq: 01 Sep 2018 04:52

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBSD01

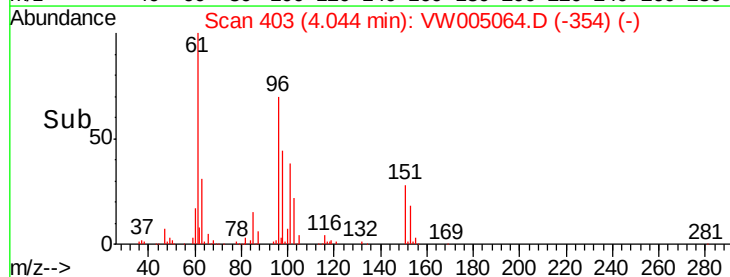
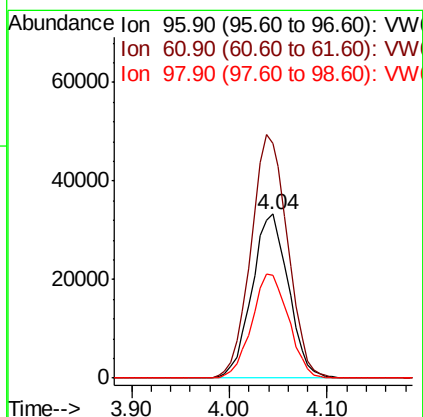
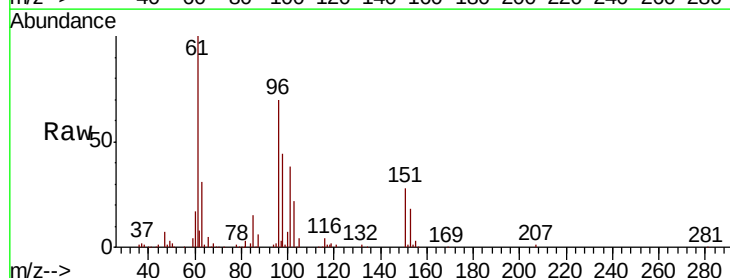
Tgt Ion: 59 Resp: 35087
Ion Ratio Lower Upper
59 100
57 9.2 8.6 12.8

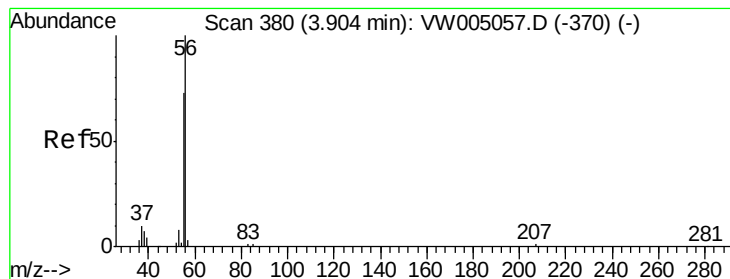


#12

1,1-Dichloroethene
Concen: 21.349 ug/l
RT: 4.04 min Scan# 403
Delta R.T. -0.00 min
Lab File: VW005064.D
Acq: 01 Sep 2018 04:52

Tgt Ion: 96 Resp: 86783
Ion Ratio Lower Upper
96 100
61 143.4 117.4 176.0
98 62.6 51.0 76.4





#13

Acrolein

Concen: 103.581 ug/l

RT: 3.90 min Scan# 380

Delta R.T. -0.00 min

Lab File: VW005064.D

Acq: 01 Sep 2018 04:52

Instrument :

MSVOA_W

ClientSampleId :

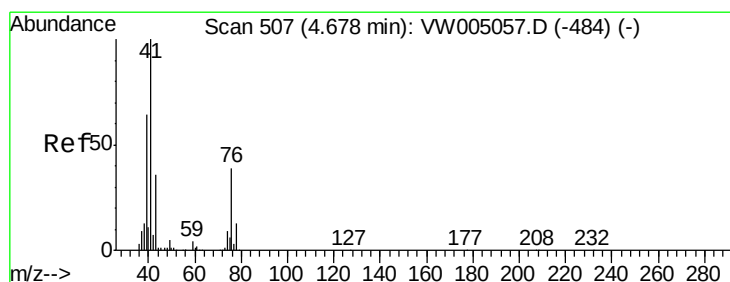
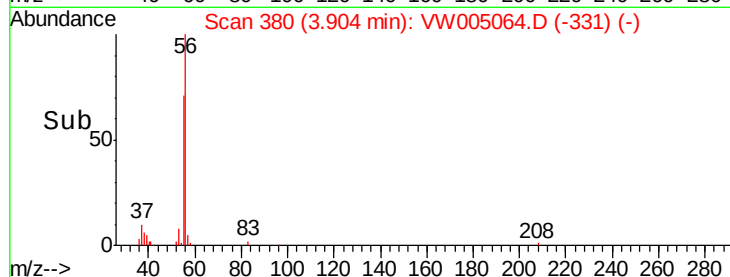
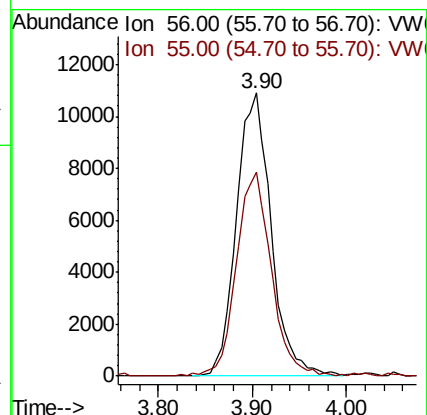
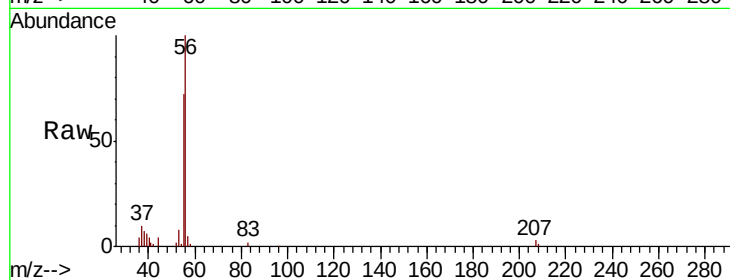
VW0901SBSD01

Tgt Ion: 56 Resp: 28017

Ion Ratio Lower Upper

56 100

55 72.5 58.1 87.1



#14

Allyl chloride

Concen: 20.823 ug/l

RT: 4.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: VW005064.D

Acq: 01 Sep 2018 04:52

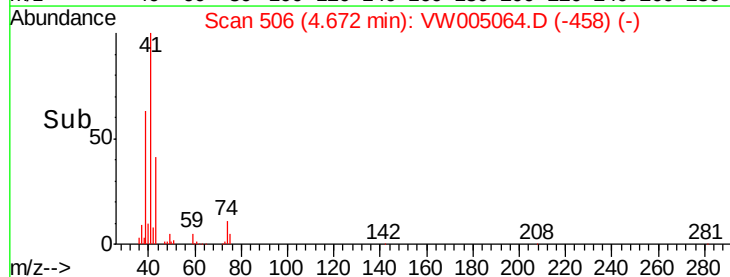
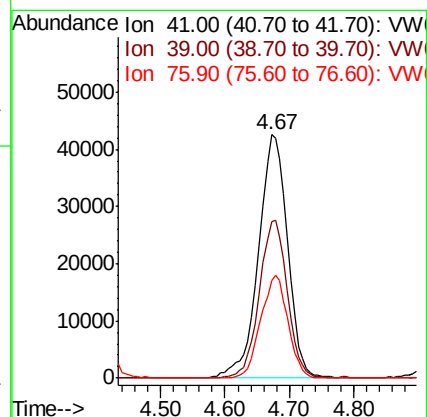
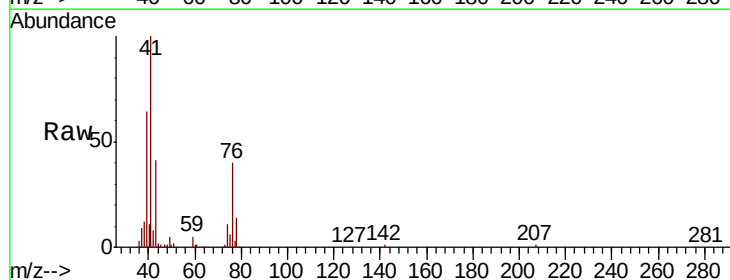
Tgt Ion: 41 Resp: 132314

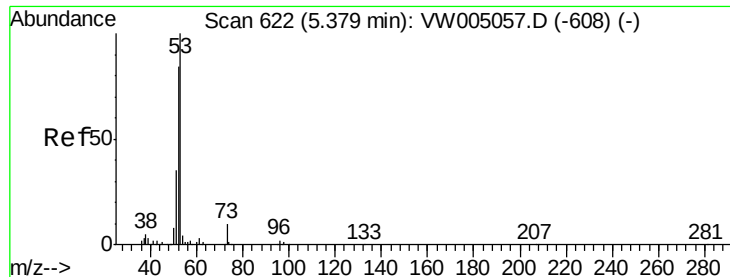
Ion Ratio Lower Upper

41 100

39 62.5 49.4 74.2

76 39.5 31.8 47.6





#15

Acrylonitrile

Concen: 104.726 ug/l

RT: 5.38 min Scan# 622

Delta R.T. -0.00 min

Lab File: VW005064.D

Acq: 01 Sep 2018 04:52

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBSD01

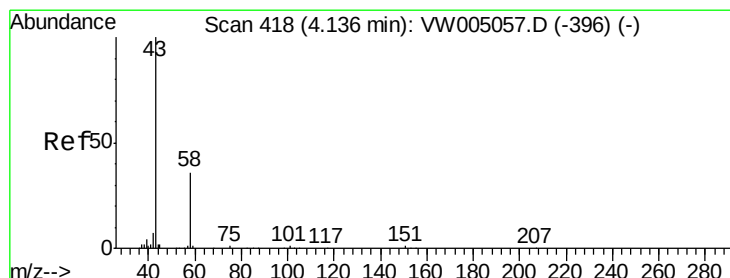
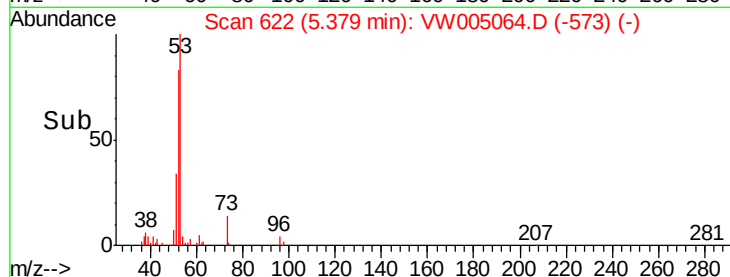
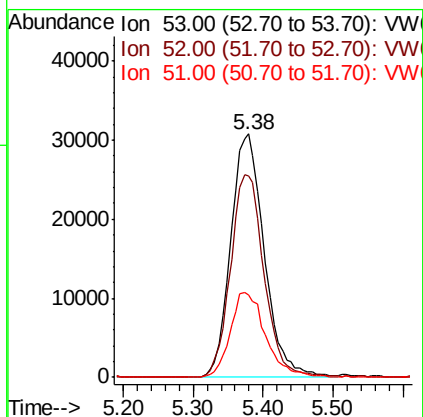
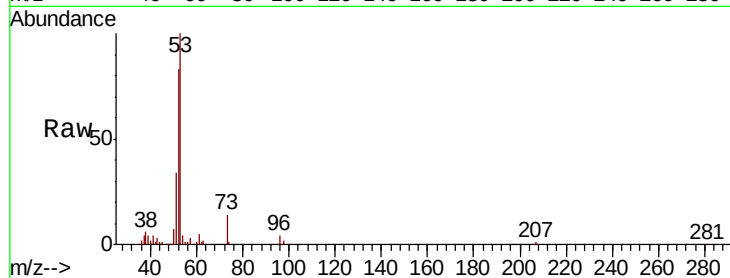
Tgt Ion: 53 Resp: 102778

Ion Ratio Lower Upper

53 100

52 83.3 65.7 98.5

51 36.6 28.8 43.2



#16

Acetone

Concen: 104.657 ug/l

RT: 4.13 min Scan# 417

Delta R.T. -0.01 min

Lab File: VW005064.D

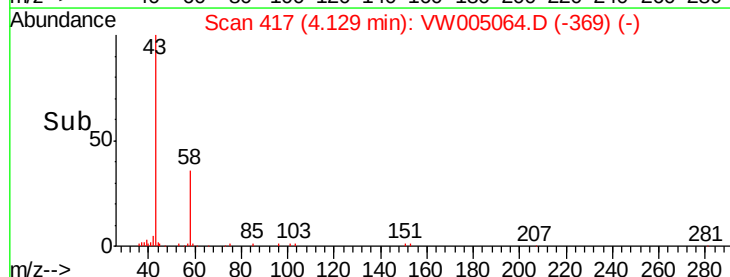
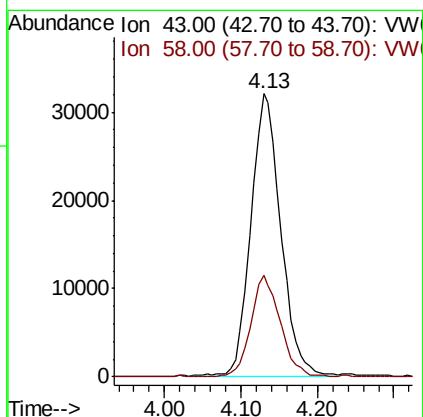
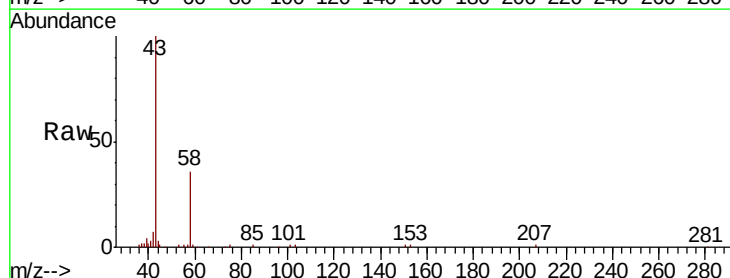
Acq: 01 Sep 2018 04:52

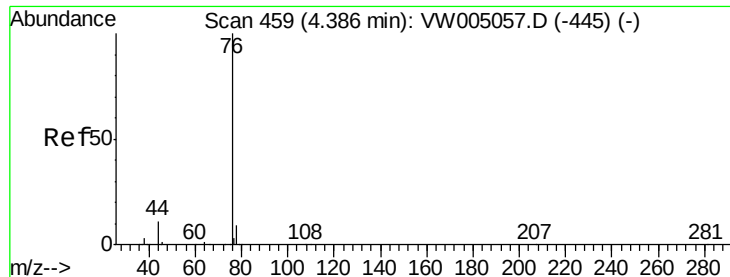
Tgt Ion: 43 Resp: 87465

Ion Ratio Lower Upper

43 100

58 36.0 29.0 43.6





#17

Carbon Disulfide

Concen: 20.489 ug/l

RT: 4.38 min Scan# 458

Delta R.T. -0.01 min

Lab File: VW005064.D

Acq: 01 Sep 2018 04:52

Instrument :

MSVOA_W

ClientSampleId :

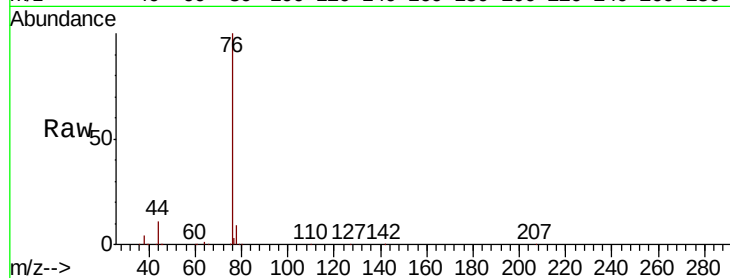
VW0901SBSD01

Tgt Ion: 76 Resp: 290210

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

120000

100000

80000

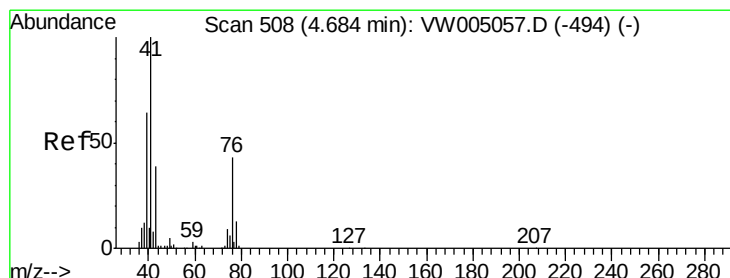
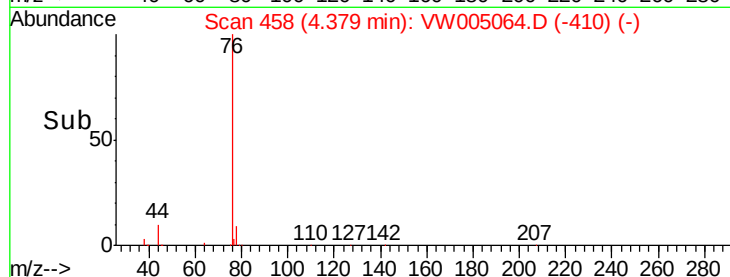
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 24.256 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW005064.D

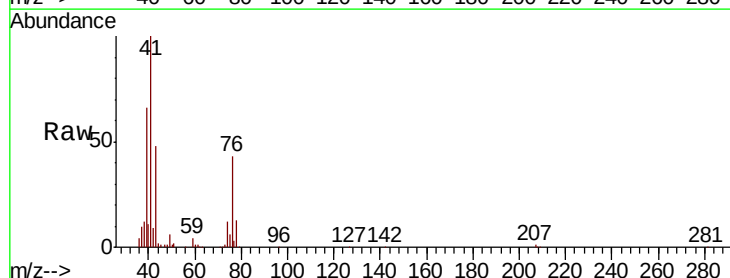
Acq: 01 Sep 2018 04:52

Tgt Ion: 43 Resp: 59632

Ion Ratio Lower Upper

43 100

74 24.8 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

20000

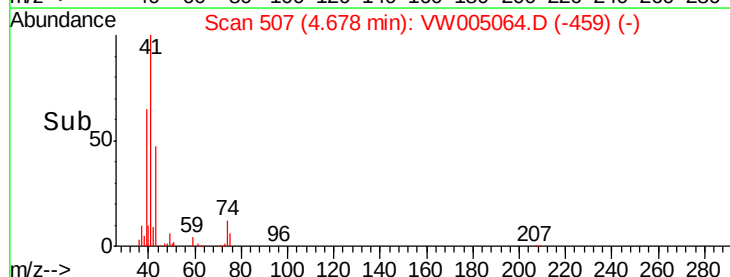
15000

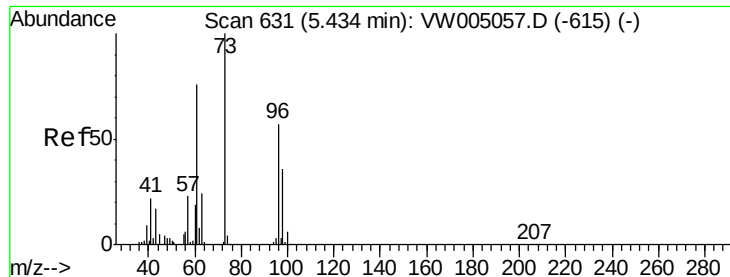
10000

5000

0

Time-->

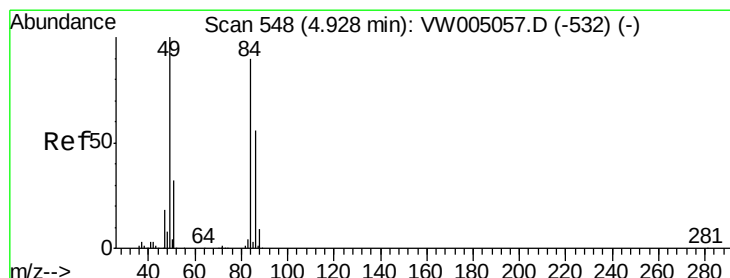
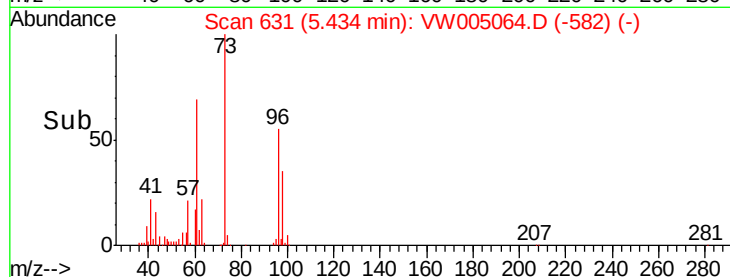
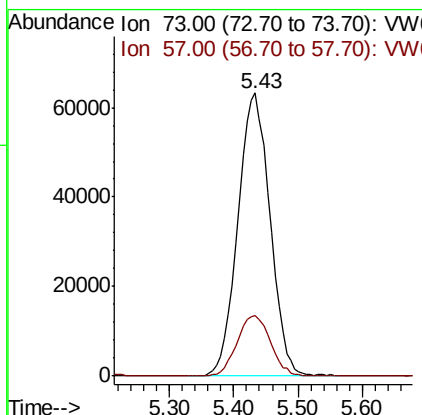
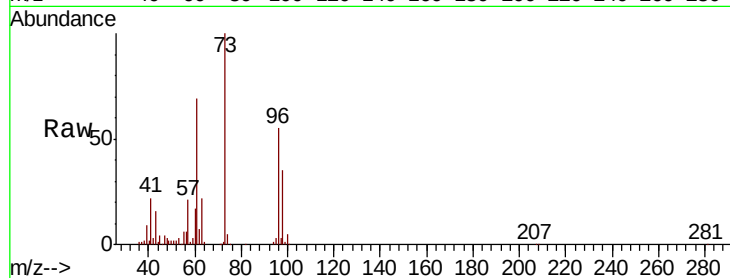




#19
Methyl tert-butyl Ether
Concen: 22.061 ug/l
RT: 5.43 min Scan# 631
Delta R.T. -0.00 min
Lab File: VW005064.D
Acq: 01 Sep 2018 04:52

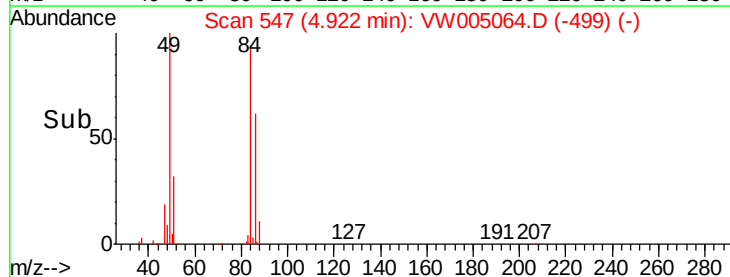
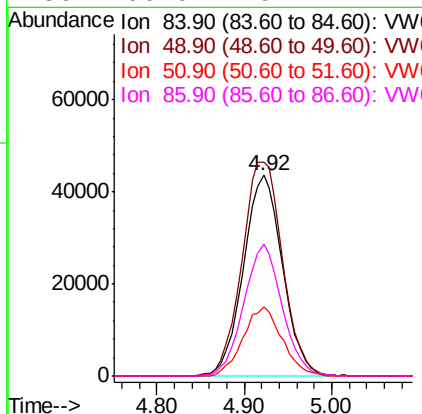
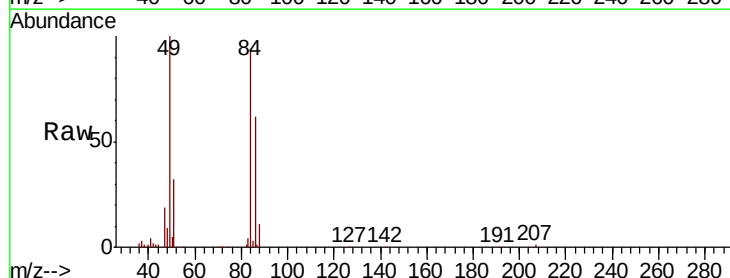
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBSD01

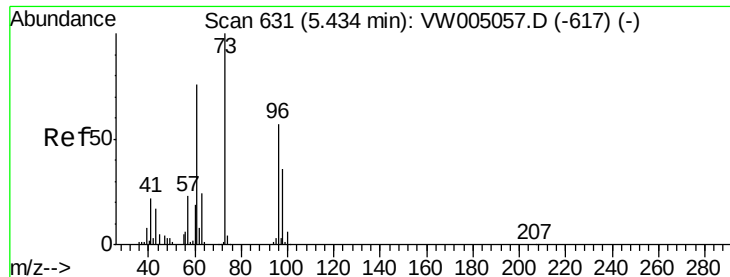
Tgt Ion: 73 Resp: 217758
Ion Ratio Lower Upper
73 100
57 21.4 18.1 27.1



#20
Methylene Chloride
Concen: 21.796 ug/l
RT: 4.92 min Scan# 547
Delta R.T. -0.01 min
Lab File: VW005064.D
Acq: 01 Sep 2018 04:52

Tgt Ion: 84 Resp: 135451
Ion Ratio Lower Upper
84 100
49 106.4 88.7 133.1
51 34.3 28.6 42.8
86 66.0 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 20.904 ug/l

RT: 5.43 min Scan# 631

Delta R.T. -0.00 min

Lab File: VW005064.D

Acq: 01 Sep 2018 04:52

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBSD01

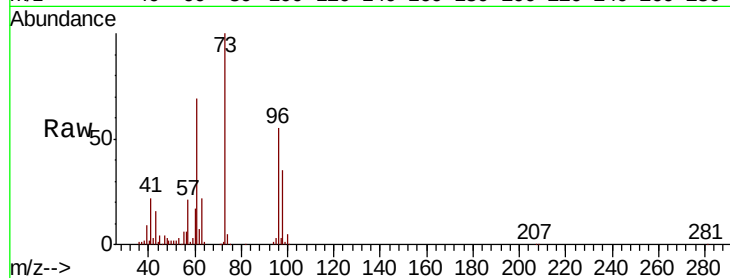
Tgt Ion: 96 Resp: 103533

Ion Ratio Lower Upper

96 100

61 125.5 106.3 159.5

98 63.2 50.9 76.3

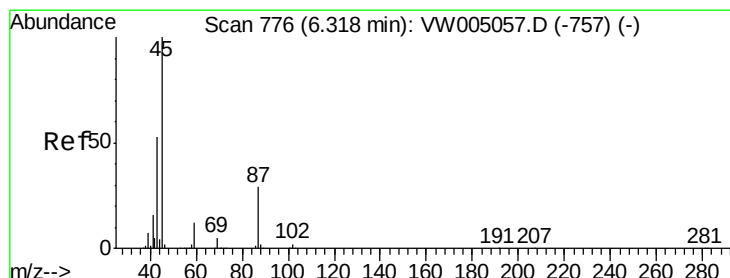
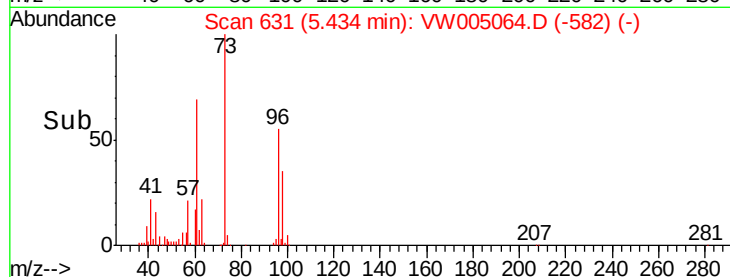
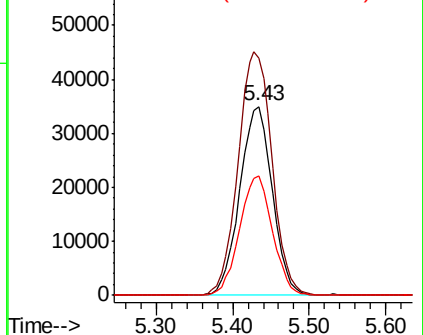


Abundance

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: 21.442 ug/l

RT: 6.32 min Scan# 776

Delta R.T. -0.00 min

Lab File: VW005064.D

Acq: 01 Sep 2018 04:52

Tgt Ion: 45 Resp: 286701

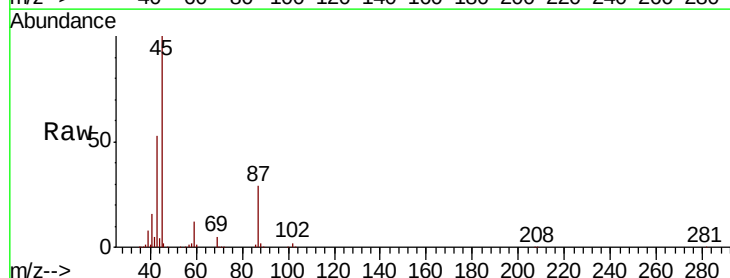
Ion Ratio Lower Upper

45 100

43 52.1 42.6 63.8

87 28.8 23.6 35.4

59 11.5 9.8 14.8



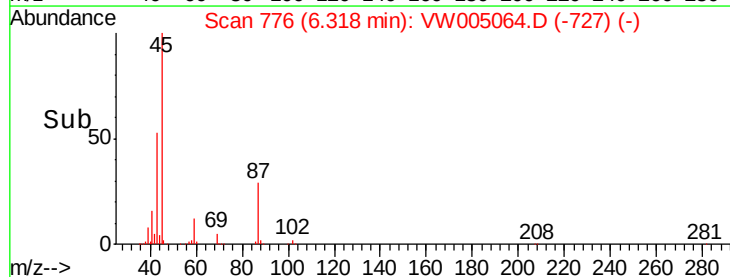
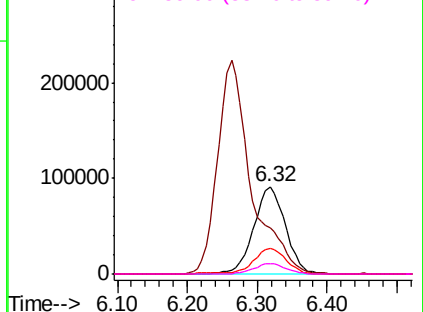
Abundance

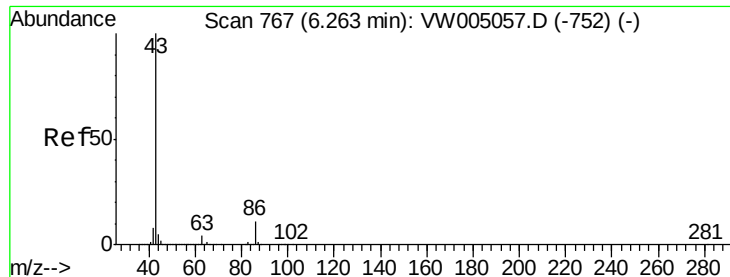
Ion 45.00 (44.70 to 45.70): VW

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: 106.005 ug/l

RT: 6.26 min Scan# 767

Delta R.T. -0.00 min

Lab File: VW005064.D

Acq: 01 Sep 2018 04:52

Instrument :

MSVOA_W

ClientSampleId :

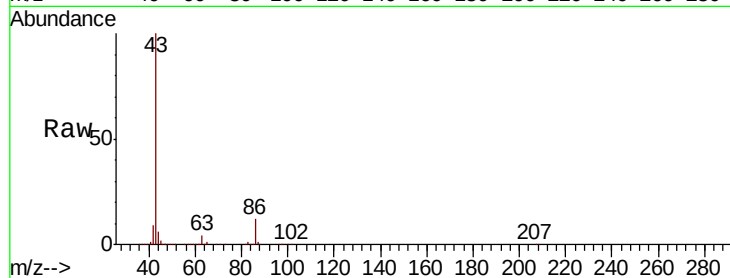
VW0901SBSD01

Tgt Ion: 43 Resp: 744518

Ion Ratio Lower Upper

43 100

86 11.6 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

250000

200000

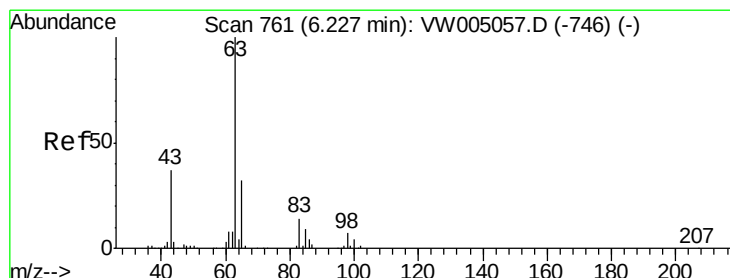
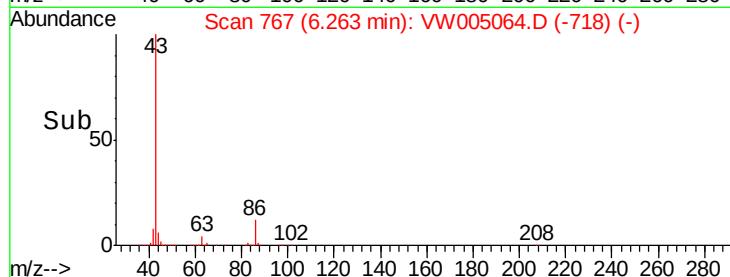
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.823 ug/l

RT: 6.23 min Scan# 761

Delta R.T. -0.00 min

Lab File: VW005064.D

Acq: 01 Sep 2018 04:52

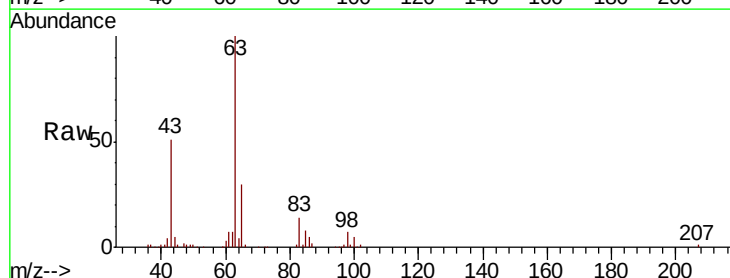
Tgt Ion: 63 Resp: 174036

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 4.8 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

80000

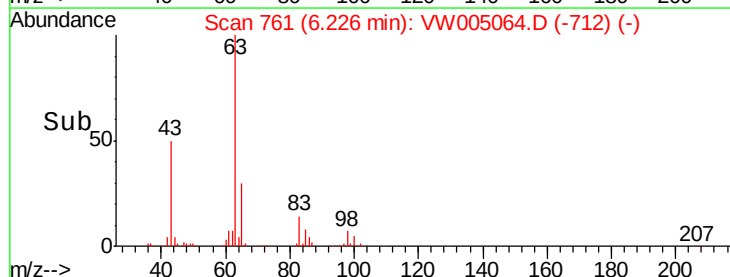
60000

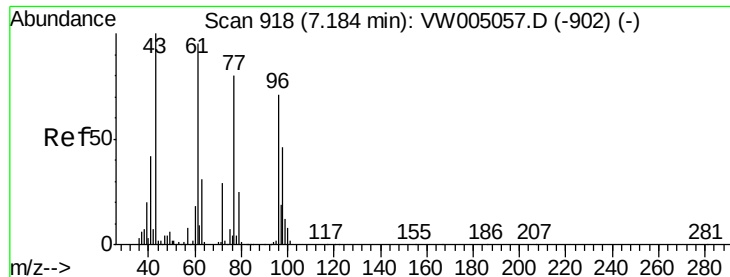
40000

20000

0

Time-->





#25

2-Butanone

Concen: 108.020 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW005064.D

Acq: 01 Sep 2018 04:52

Instrument :

MSVOA_W

ClientSampleId :

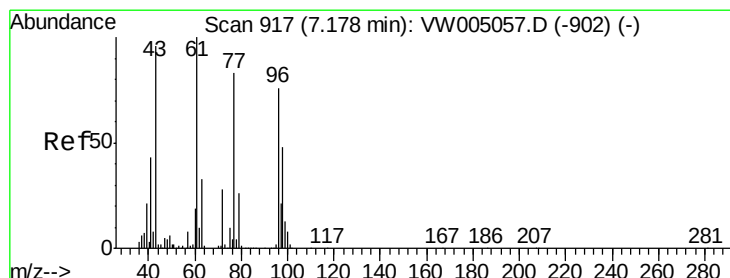
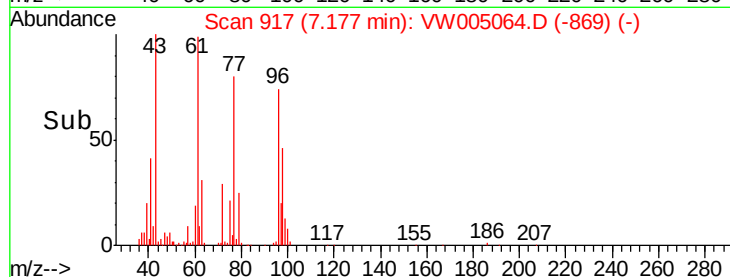
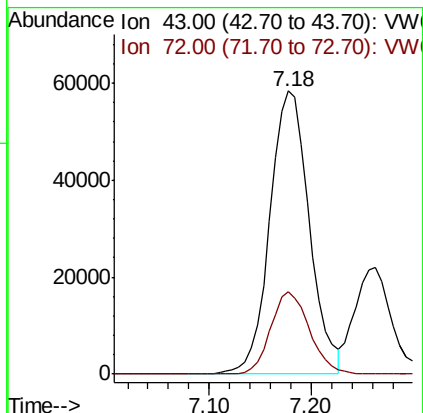
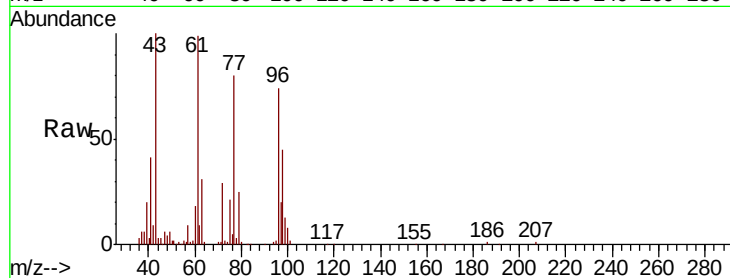
VW0901SBSD01

Tgt Ion: 43 Resp: 156582

Ion Ratio Lower Upper

43 100

72 29.0 23.1 34.7



#26

2,2-Dichloropropane

Concen: 20.435 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW005064.D

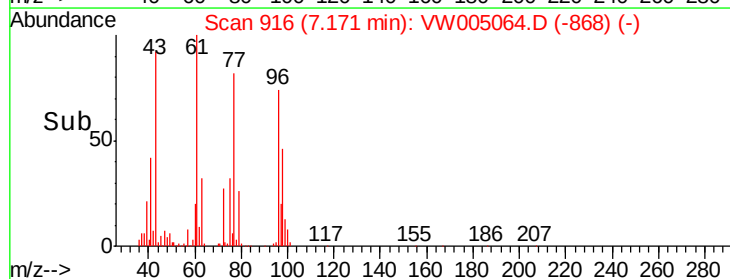
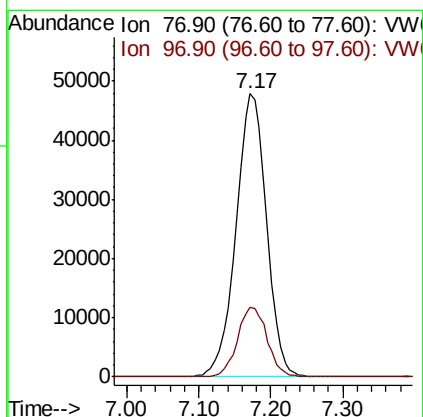
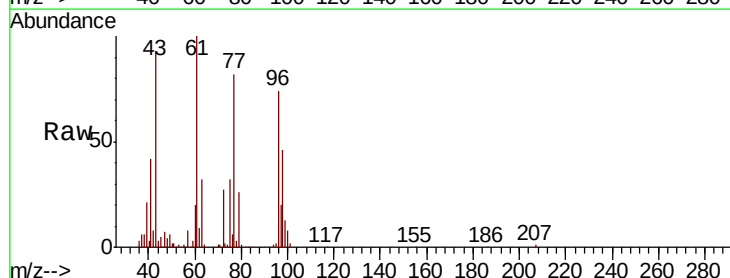
Acq: 01 Sep 2018 04:52

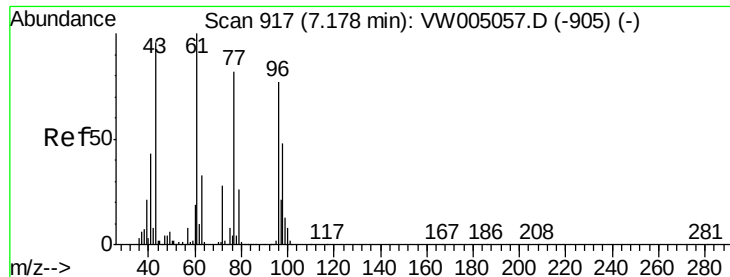
Tgt Ion: 77 Resp: 140349

Ion Ratio Lower Upper

77 100

97 24.0 12.2 36.6



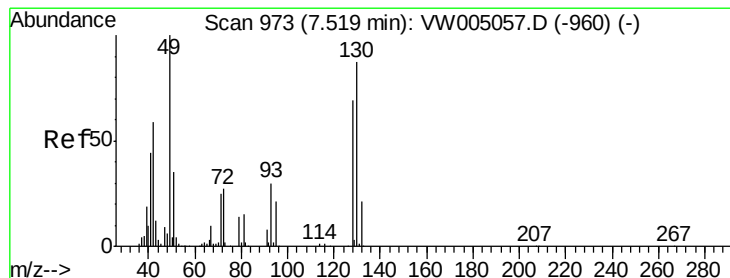
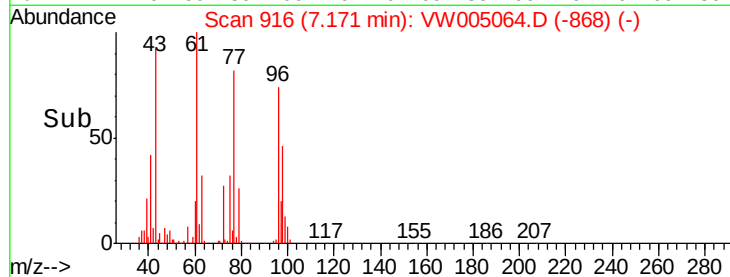
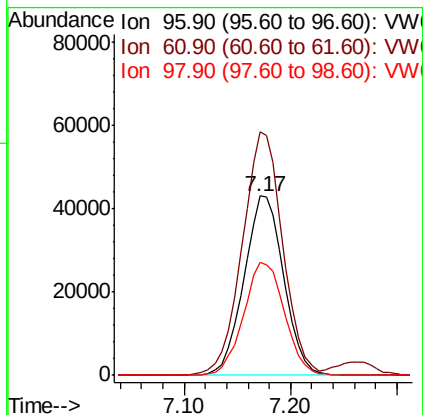
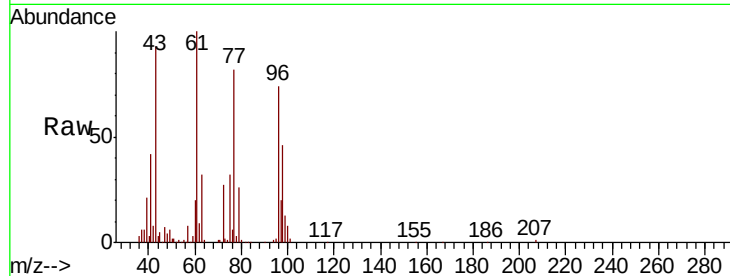


#27

cis-1,2-Dichloroethene
 Concen: 20.832 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: VW005064.D
 Acq: 01 Sep 2018 04:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBSD01

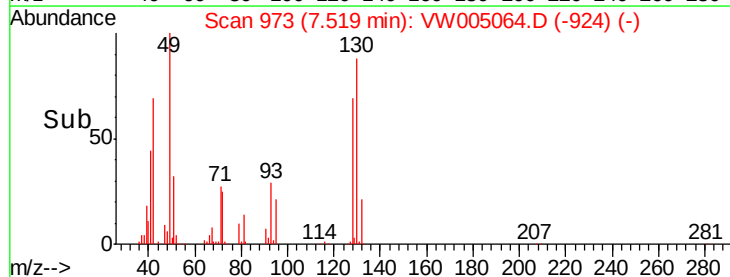
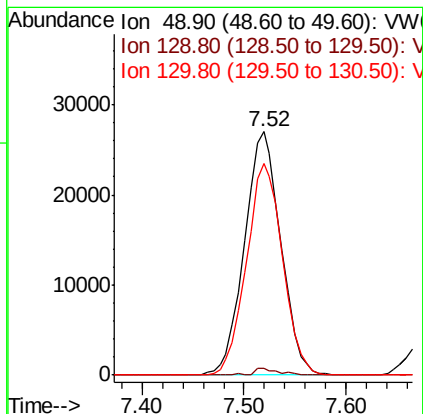
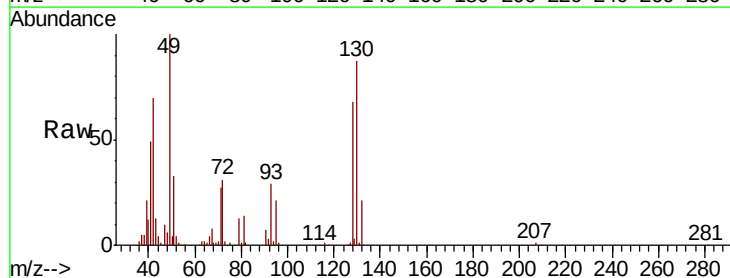
Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.1	0.0	273.2
98	64.8	0.0	127.8

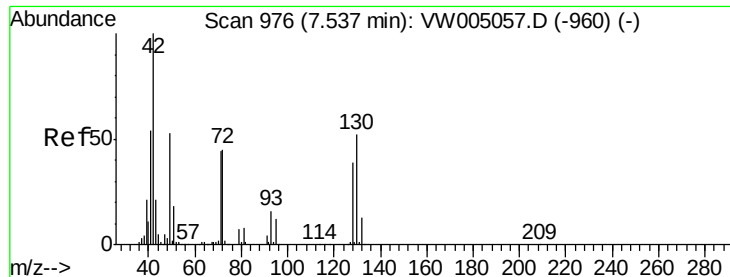


#28

Bromochloromethane
 Concen: 19.928 ug/l
 RT: 7.52 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VW005064.D
 Acq: 01 Sep 2018 04:52

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.4
130	86.3	69.6	104.4





#29

Tetrahydrofuran

Concen: 107.147 ug/l

RT: 7.54 min Scan# 976

Delta R.T. -0.00 min

Lab File: VW005064.D

Acq: 01 Sep 2018 04:52

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBSD01

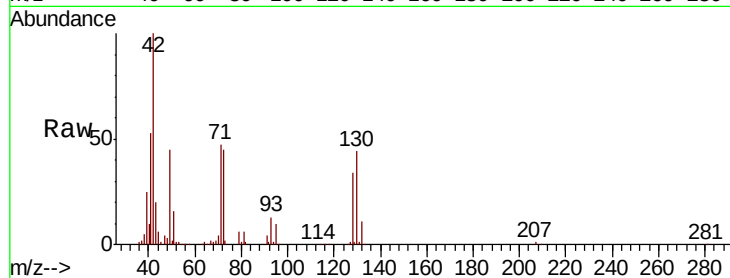
Tgt Ion: 42 Resp: 79360

Ion Ratio Lower Upper

42 100

72 46.4 37.0 55.4

71 44.2 35.0 52.6

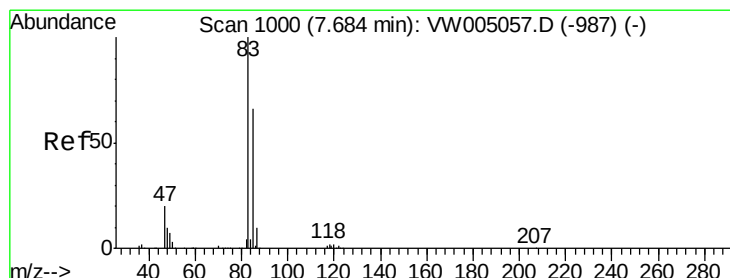
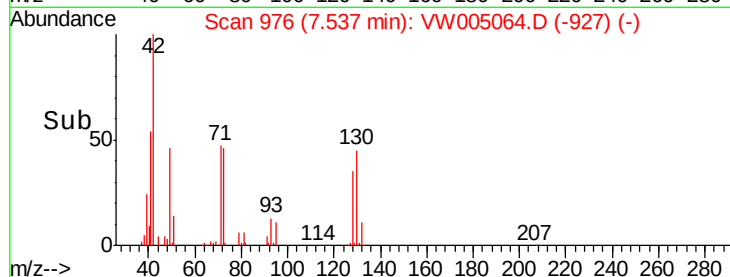
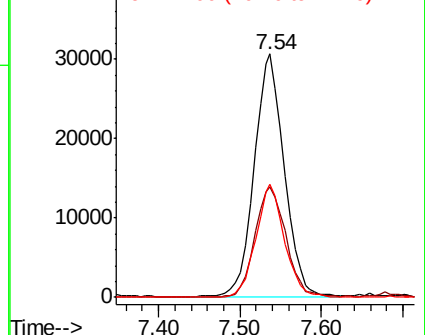


Abundance

Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 20.519 ug/l

RT: 7.68 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VW005064.D

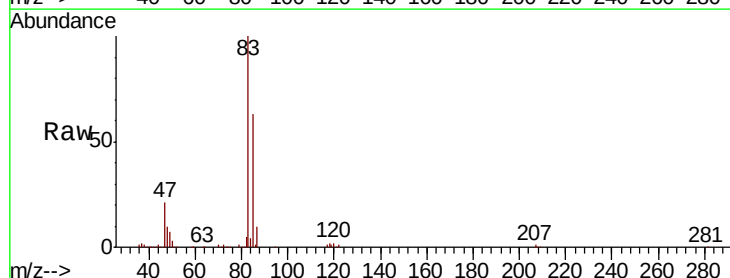
Acq: 01 Sep 2018 04:52

Tgt Ion: 83 Resp: 175031

Ion Ratio Lower Upper

83 100

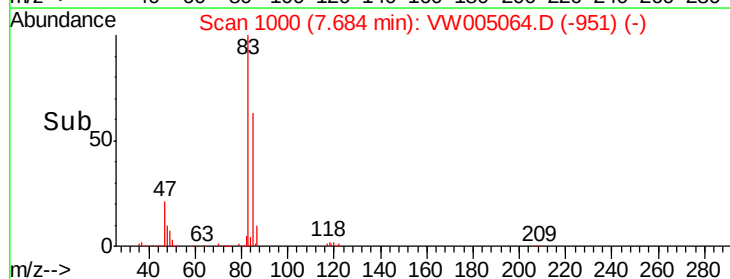
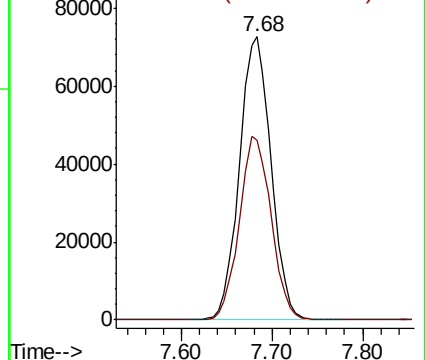
85 63.5 53.1 79.7

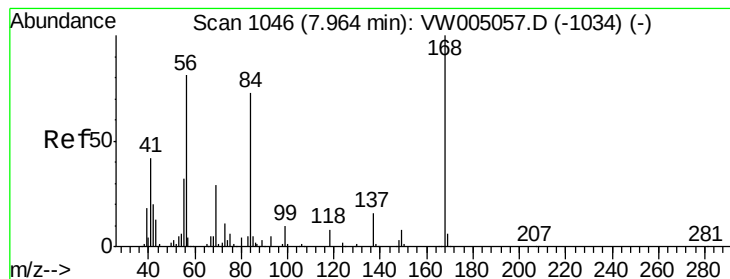


Abundance

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 22.003 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.01 min

Lab File: VW005064.D

Acq: 01 Sep 2018 04:52

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBSD01

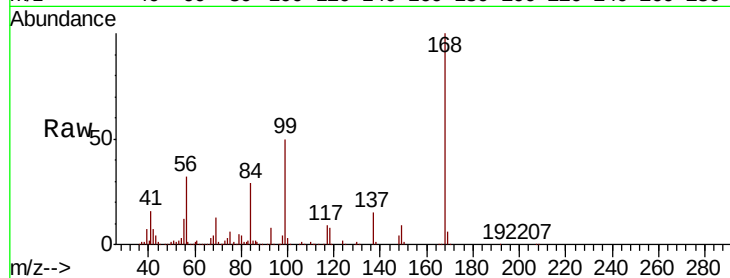
Tgt Ion: 56 Resp: 180084

Ion Ratio Lower Upper

56 100

69 39.6 28.2 42.2

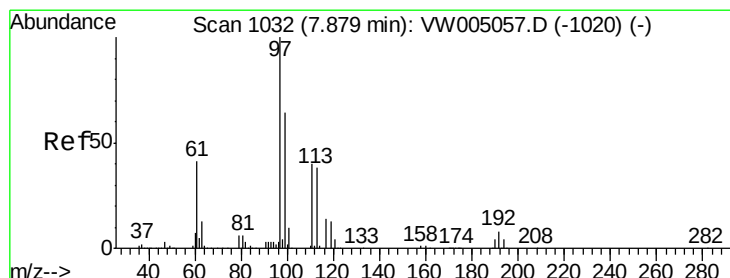
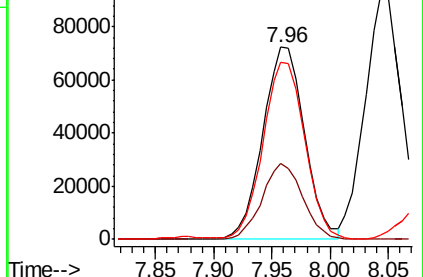
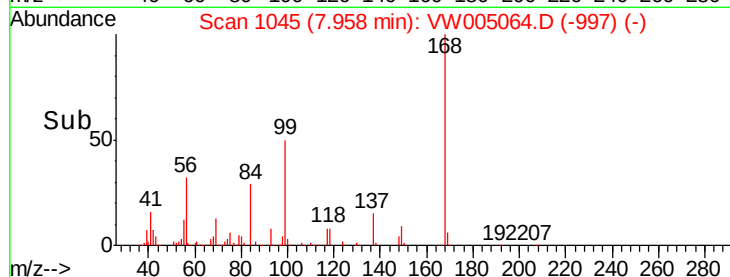
84 90.9 71.8 107.8



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 21.368 ug/l

RT: 7.88 min Scan# 1032

Delta R.T. -0.00 min

Lab File: VW005064.D

Acq: 01 Sep 2018 04:52

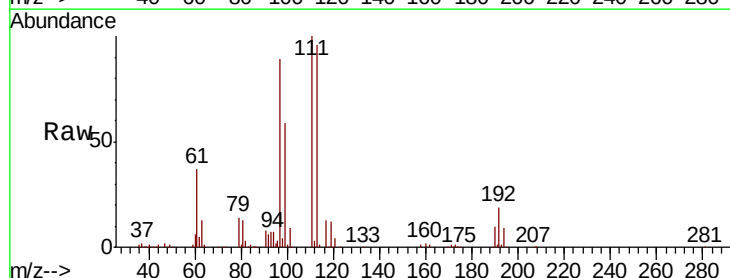
Tgt Ion: 97 Resp: 158746

Ion Ratio Lower Upper

97 100

99 65.5 51.8 77.8

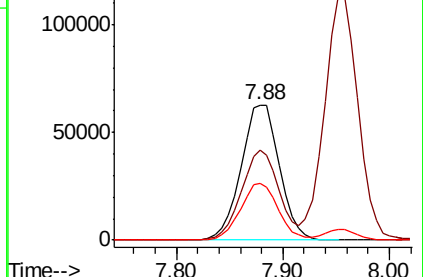
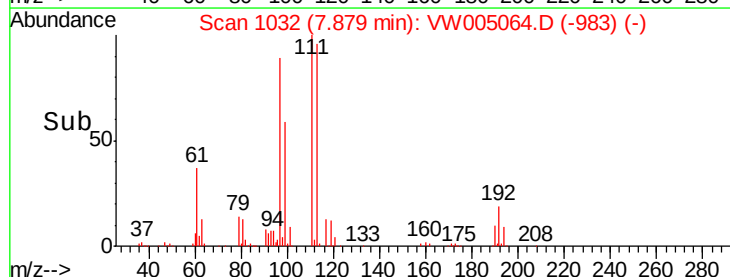
61 41.8 33.2 49.8

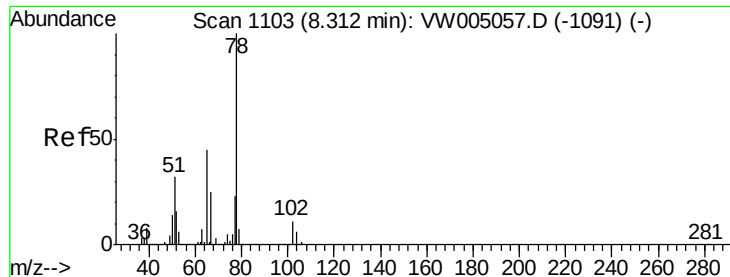


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW

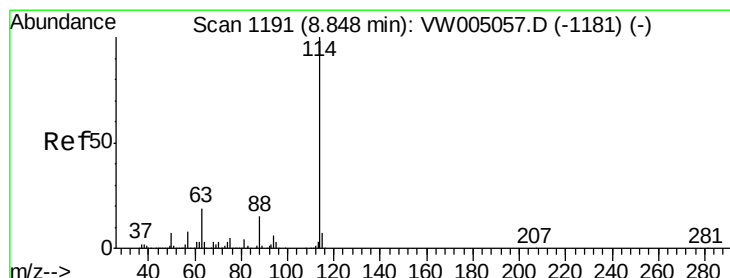
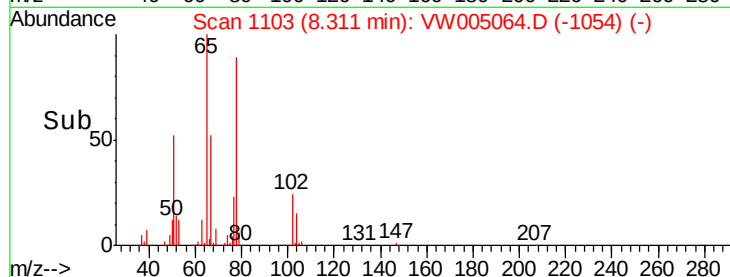
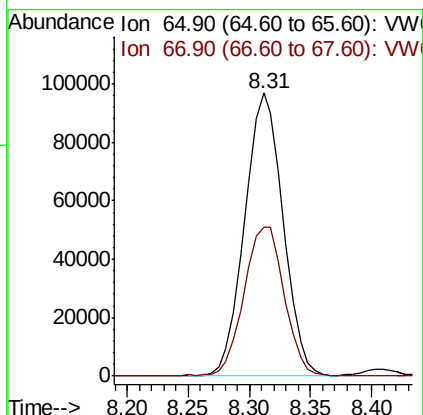
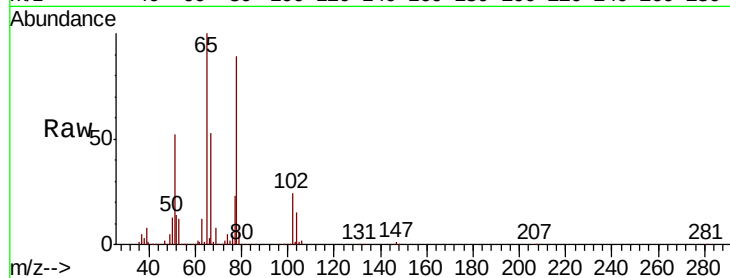




#33
 1,2-Dichloroethane-d4
 Concen: 50.821 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW005064.D
 Acq: 01 Sep 2018 04:52

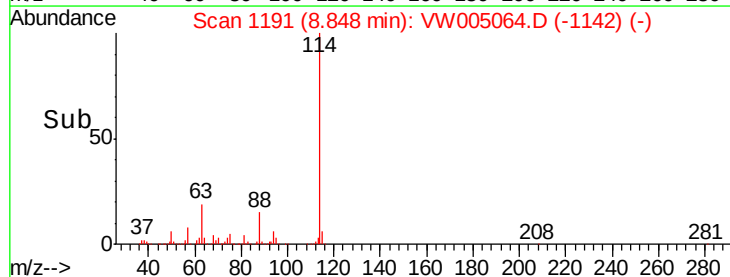
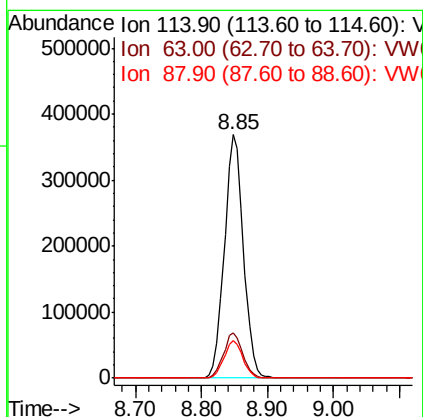
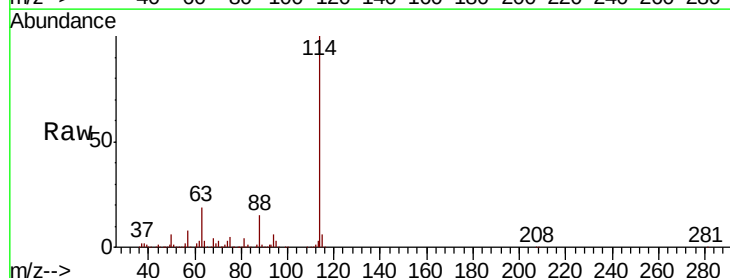
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBSD01

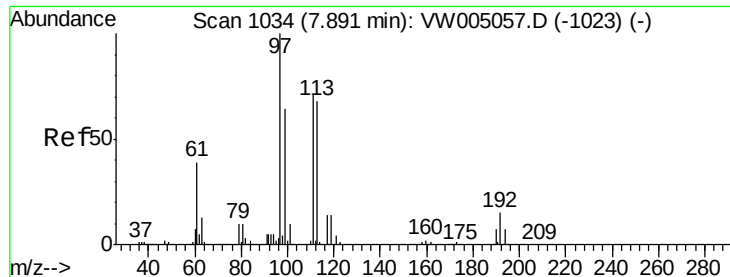
Tgt Ion: 65 Resp: 211782
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005064.D
 Acq: 01 Sep 2018 04:52

Tgt Ion: 114 Resp: 734362
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.0
 88 15.3 0.0 30.2





#35

Dibromofluoromethane

Concen: 50.362 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VW005064.D

Acq: 01 Sep 2018 04:52

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBSD01

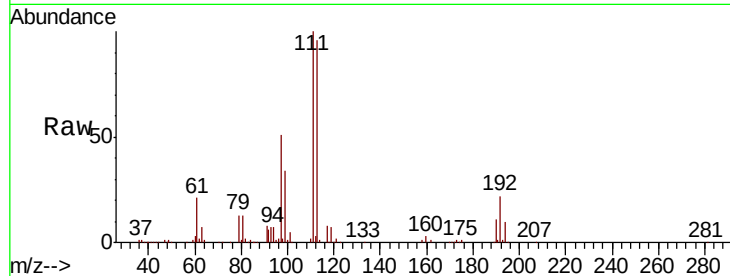
Tgt Ion:113 Resp: 213726

Ion Ratio Lower Upper

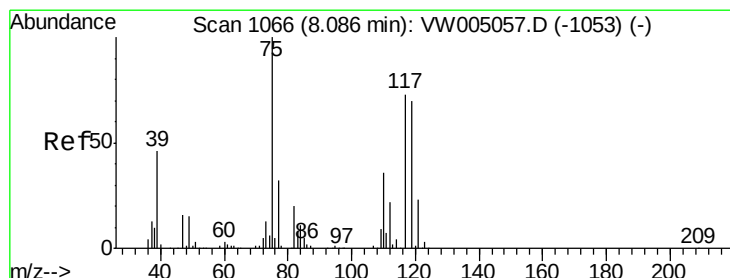
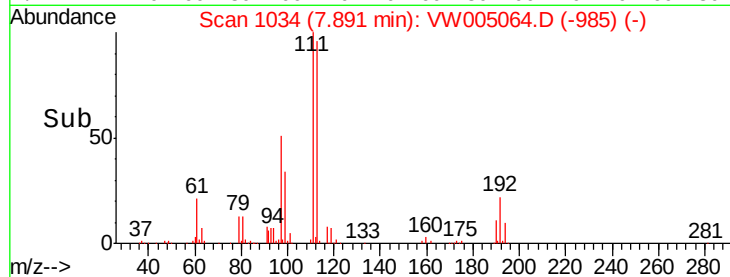
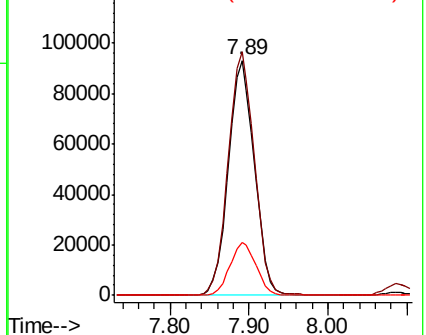
113 100

111 104.1 82.2 123.2

192 22.4 18.1 27.1



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 21.967 ug/l

RT: 8.09 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW005064.D

Acq: 01 Sep 2018 04:52

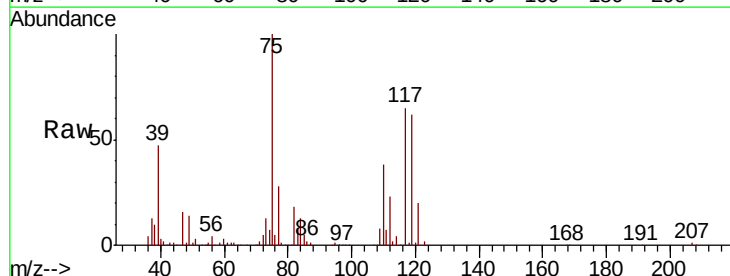
Tgt Ion: 75 Resp: 153634

Ion Ratio Lower Upper

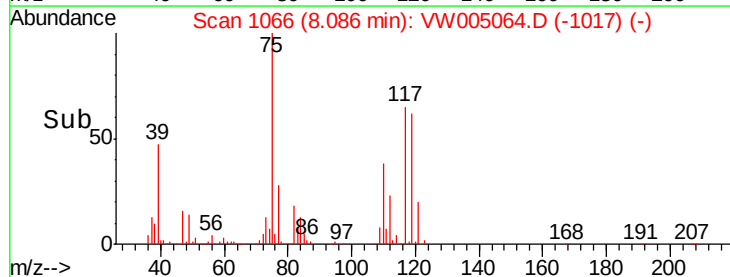
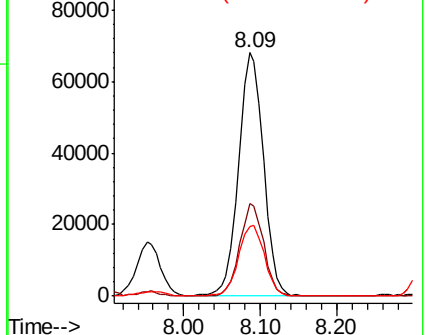
75 100

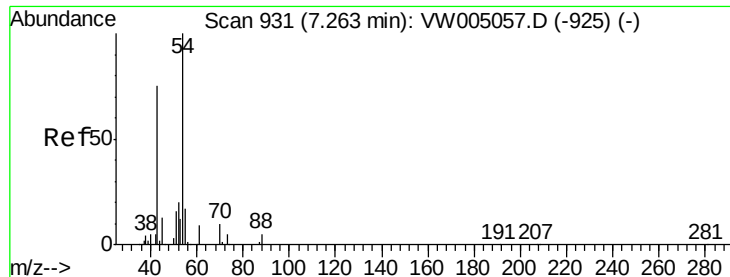
110 36.7 18.9 56.7

77 30.4 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW

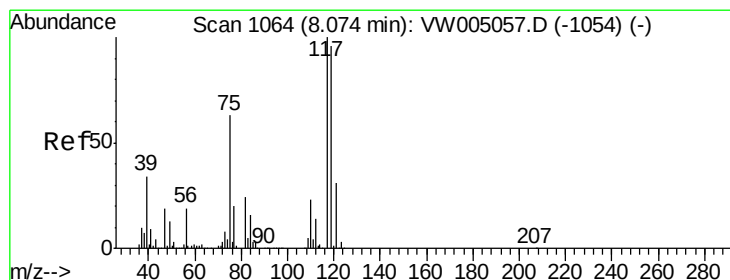
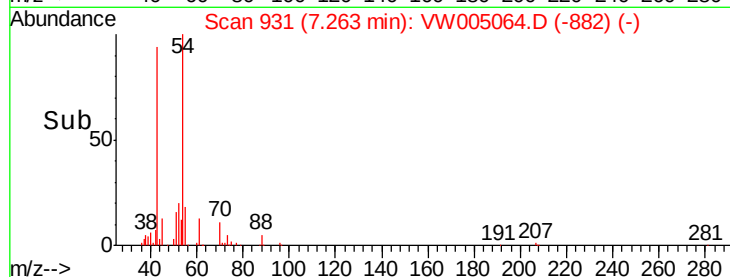
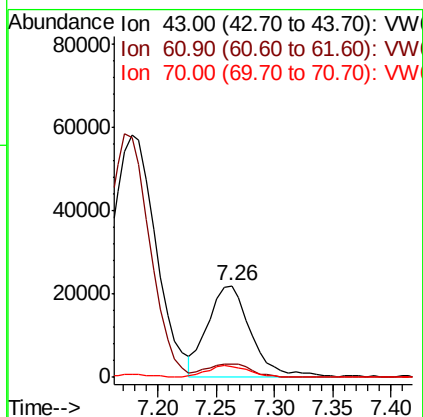
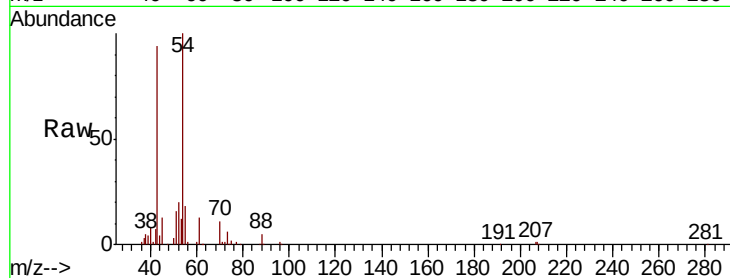




#37
Ethyl Acetate
Concen: 21.197 ug/l
RT: 7.26 min Scan# 931
Delta R.T. -0.00 min
Lab File: VW005064.D
Acq: 01 Sep 2018 04:52

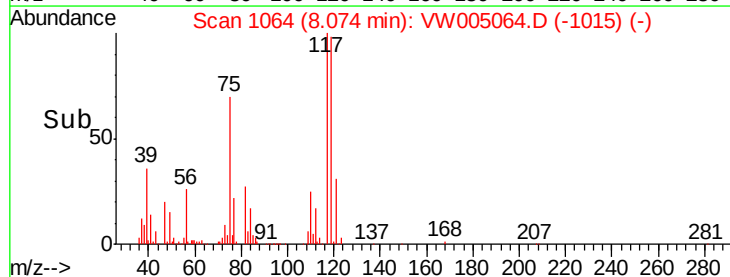
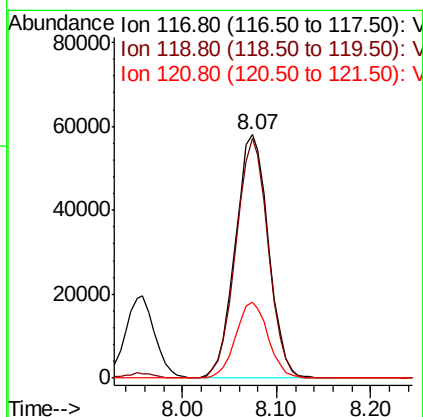
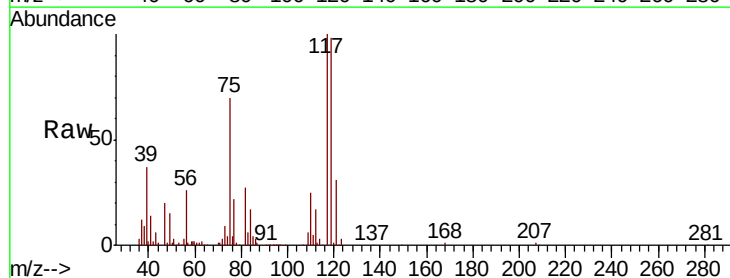
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBSD01

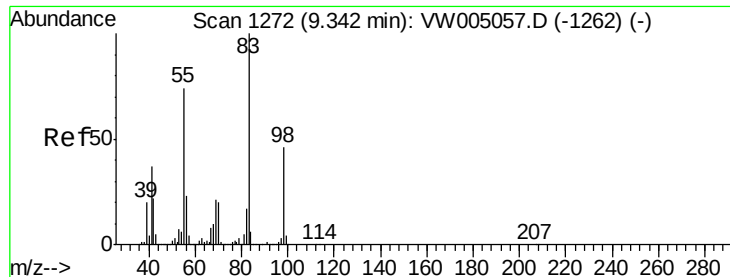
Tgt Ion: 43 Resp: 55444
Ion Ratio Lower Upper
43 100
61 15.1 12.1 18.1
70 13.0 9.4 14.2



#38
Carbon Tetrachloride
Concen: 21.485 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. -0.00 min
Lab File: VW005064.D
Acq: 01 Sep 2018 04:52

Tgt Ion: 117 Resp: 142882
Ion Ratio Lower Upper
117 100
119 98.3 76.6 115.0
121 31.1 24.8 37.2

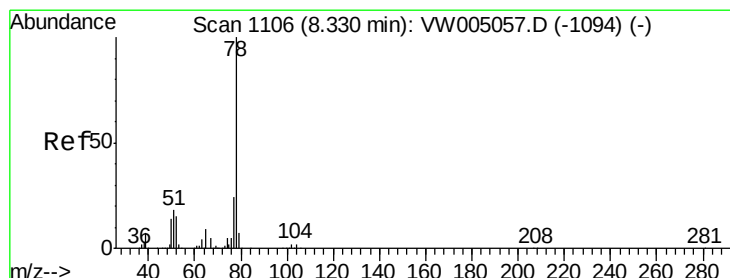
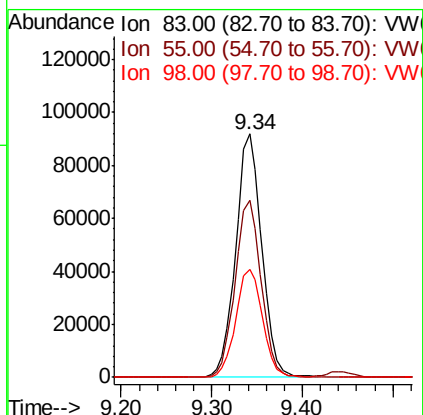
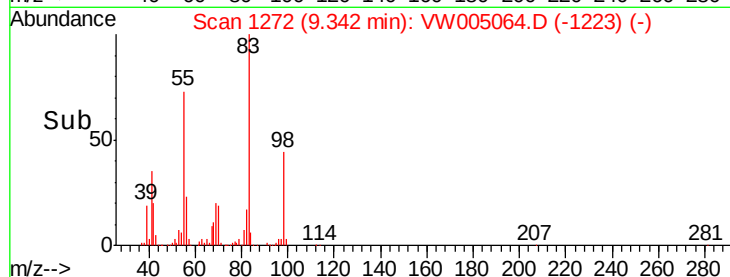
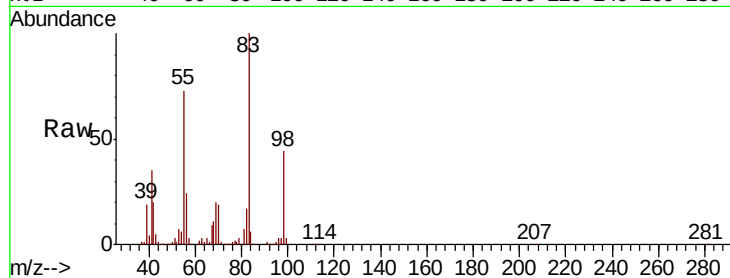




#39
Methylcyclohexane
Concen: 21.611 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VW005064.D
Acq: 01 Sep 2018 04:52

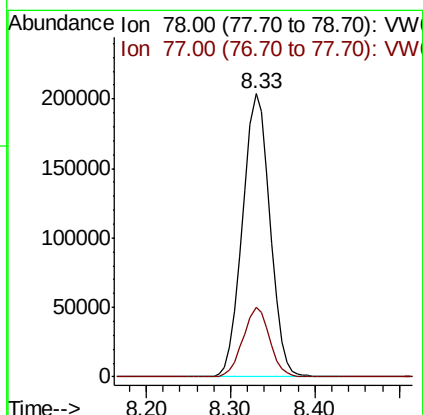
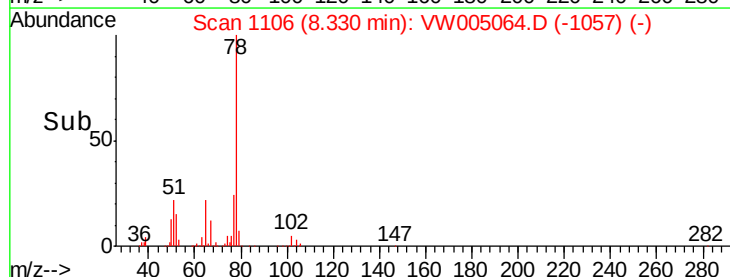
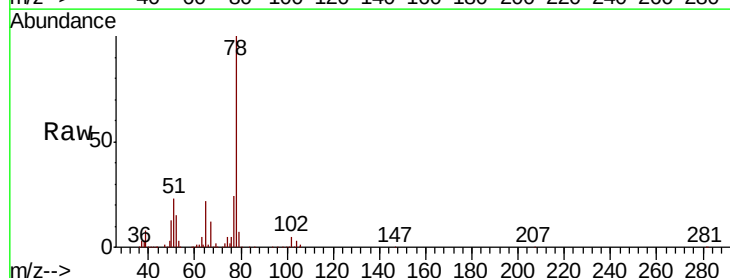
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBSD01

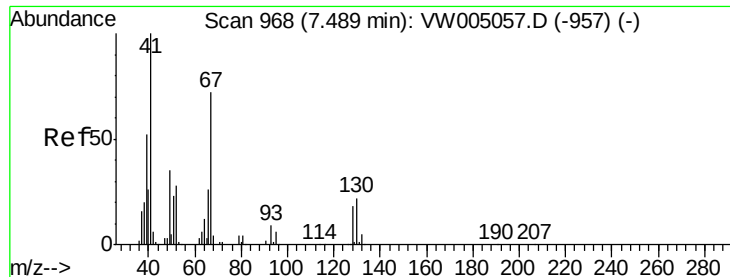
Tgt Ion: 83 Resp: 182789
Ion Ratio Lower Upper
83 100
55 72.7 58.9 88.3
98 44.5 36.8 55.2



#40
Benzene
Concen: 20.846 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VW005064.D
Acq: 01 Sep 2018 04:52

Tgt Ion: 78 Resp: 446343
Ion Ratio Lower Upper
78 100
77 24.5 19.4 29.0

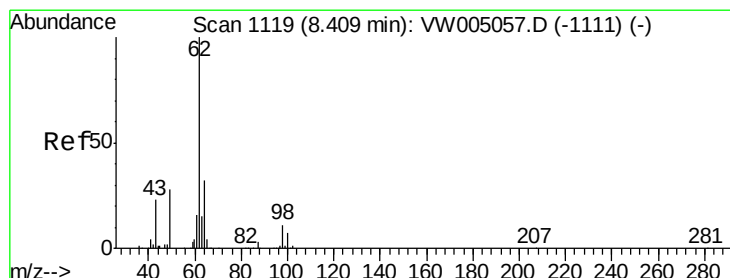
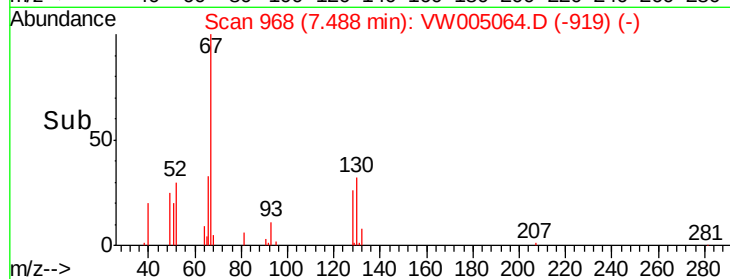
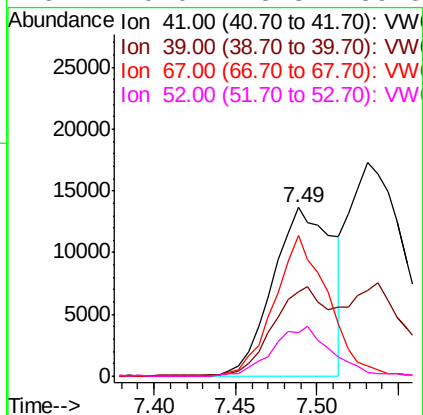
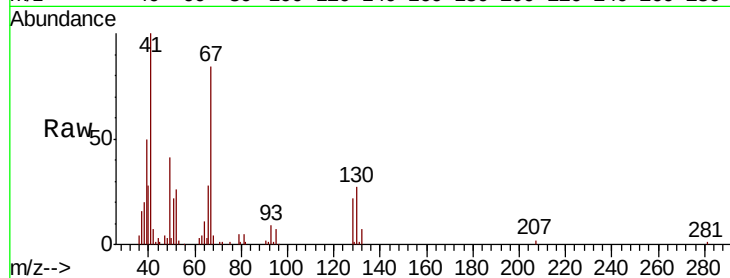




#41
Methacrylonitrile
Concen: 23.139 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW005064.D
Acq: 01 Sep 2018 04:52

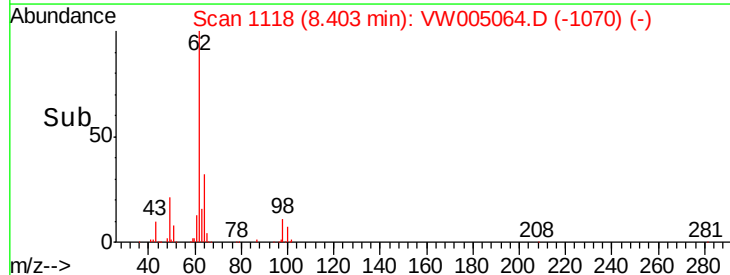
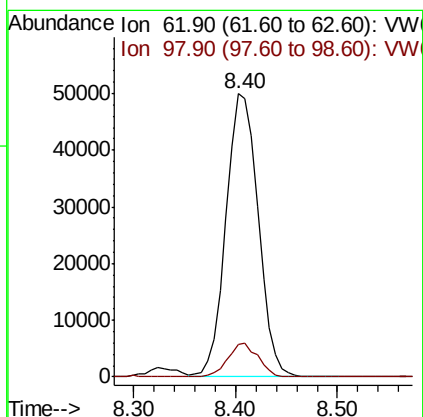
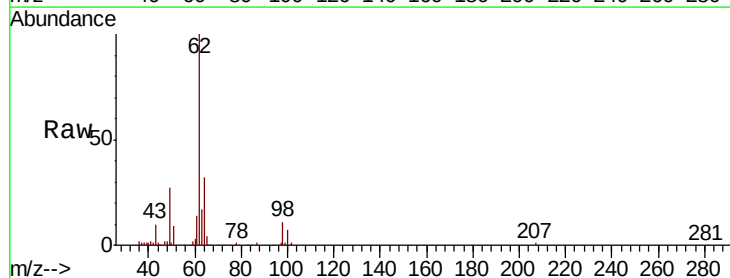
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBSD01

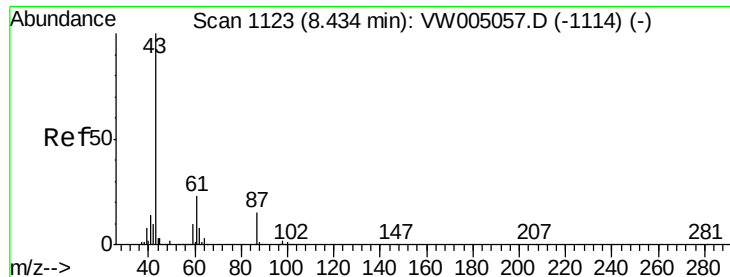
Tgt Ion:	41	Resp:	35067
Ion	Ratio	Lower	Upper
41	100		
39	45.1	41.8	62.8
67	74.9	60.4	90.6
52	29.0	23.8	35.8



#42
1,2-Dichloroethane
Concen: 20.859 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.01 min
Lab File: VW005064.D
Acq: 01 Sep 2018 04:52

Tgt Ion:	62	Resp:	109303
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	21.8





#43

Isopropyl Acetate

Concen: 20.764 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW005064.D

Acq: 01 Sep 2018 04:52

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBSD01

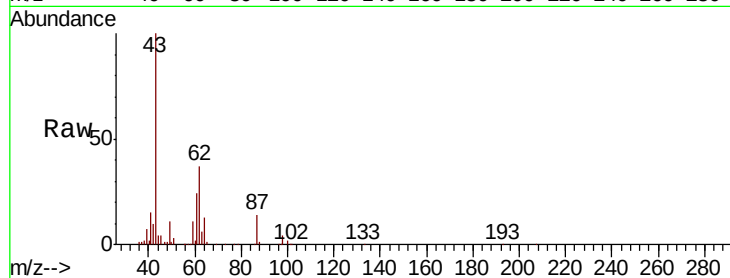
Tgt Ion: 43 Resp: 98826

Ion Ratio Lower Upper

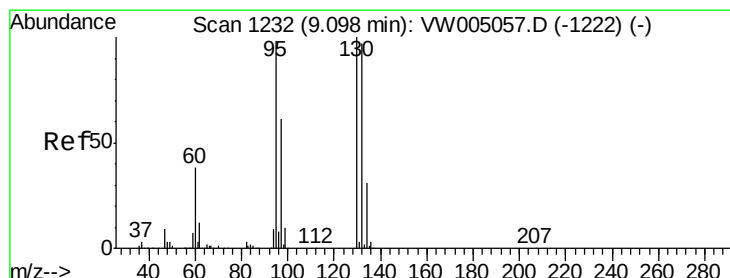
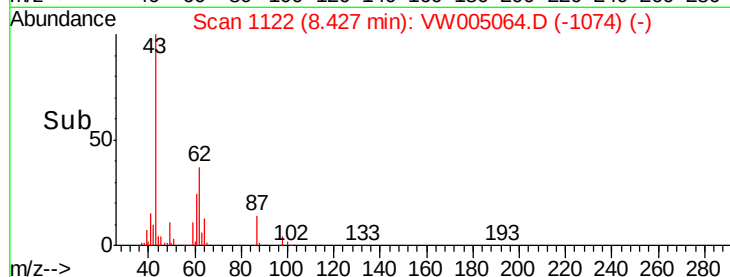
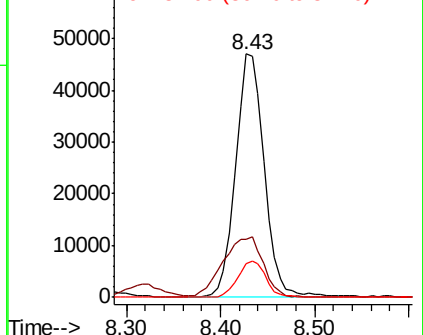
43 100

61 35.1 26.8 40.2

87 14.7 11.6 17.4



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: 21.121 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VW005064.D

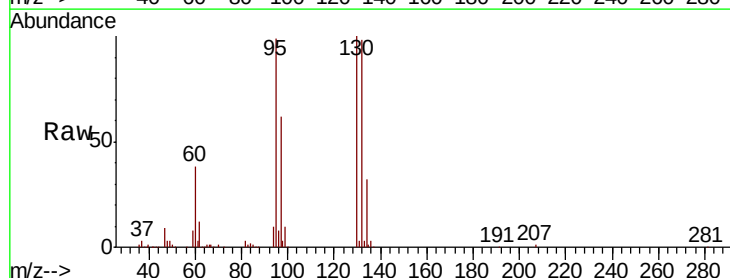
Acq: 01 Sep 2018 04:52

Tgt Ion: 130 Resp: 122016

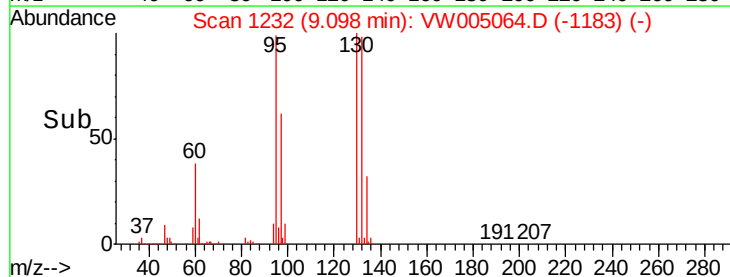
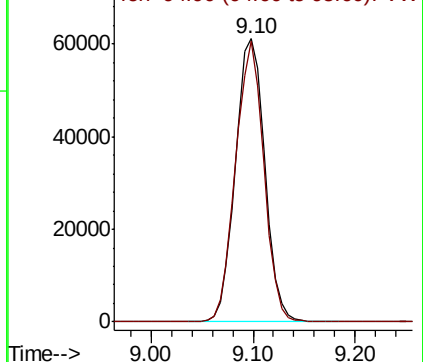
Ion Ratio Lower Upper

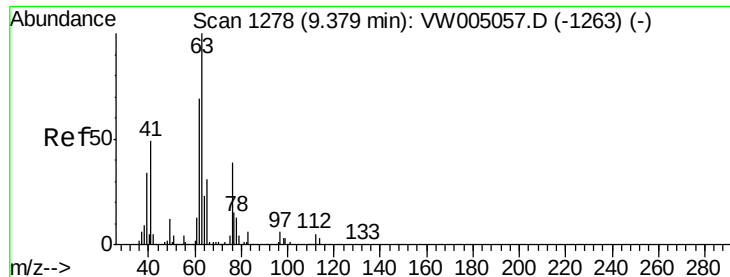
130 100

95 99.0 0.0 195.2



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





#45

1,2-Dichloropropane

Concen: 20.965 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.01 min

Lab File: VW005064.D

Acq: 01 Sep 2018 04:52

Instrument :

MSVOA_W

ClientSampleId :

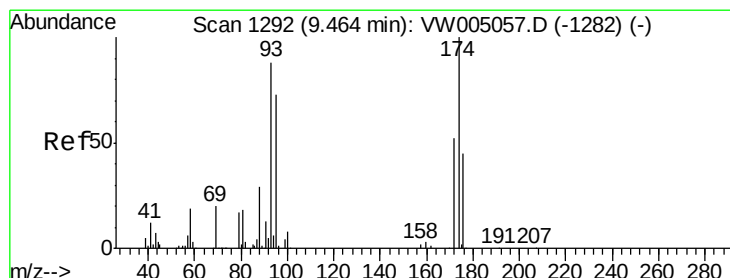
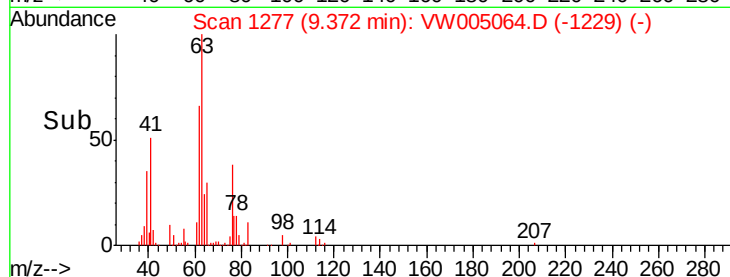
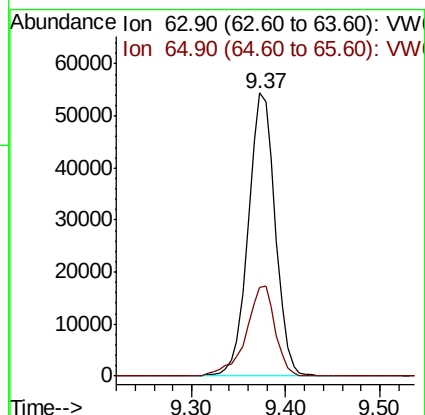
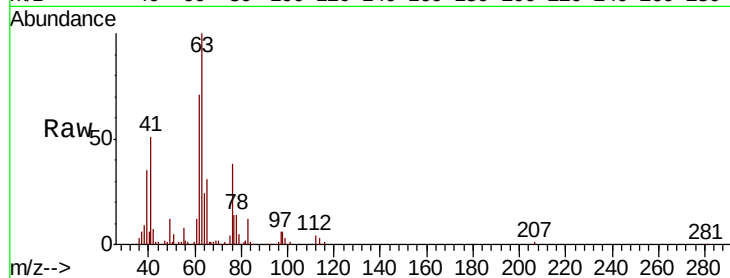
VW0901SBSD01

Tgt Ion: 63 Resp: 109659

Ion Ratio Lower Upper

63 100

65 31.2 24.6 37.0



#46

Dibromomethane

Concen: 20.908 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VW005064.D

Acq: 01 Sep 2018 04:52

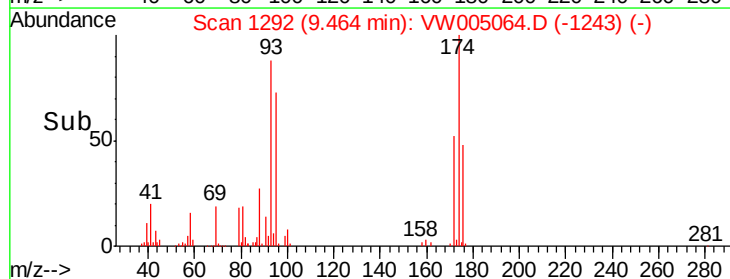
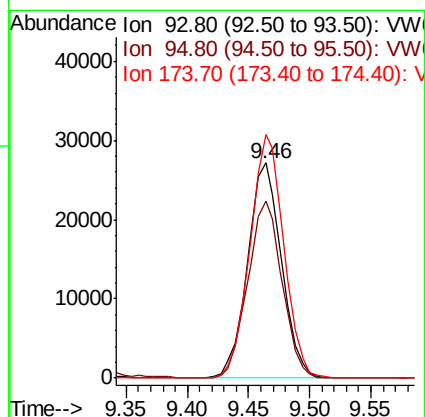
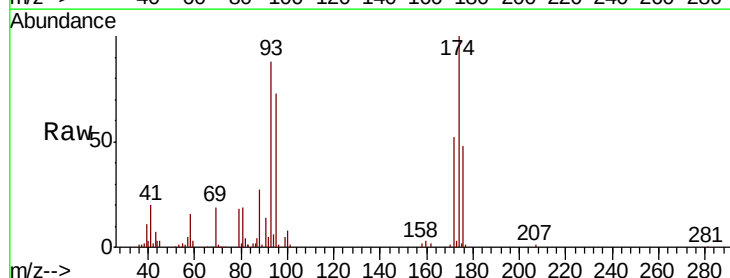
Tgt Ion: 93 Resp: 52294

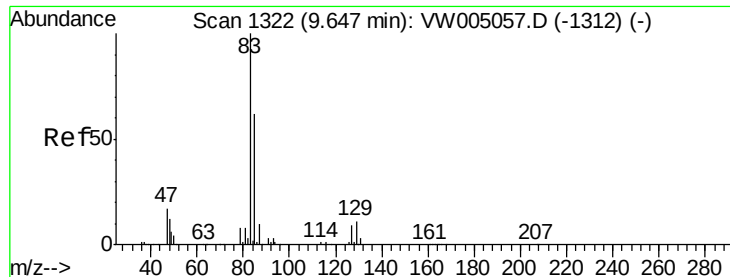
Ion Ratio Lower Upper

93 100

95 83.2 66.2 99.4

174 113.1 92.0 138.0





#47

Bromodichloromethane

Concen: 21.173 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW005064.D

Acq: 01 Sep 2018 04:52

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBSD01

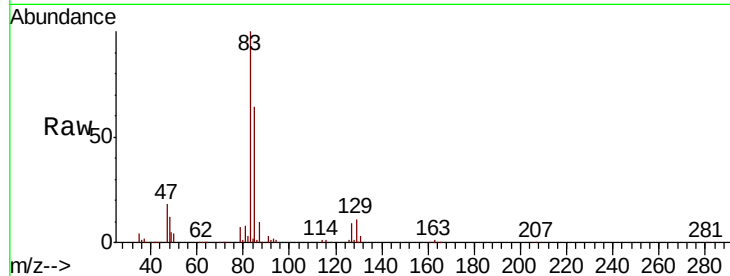
Tgt Ion: 83 Resp: 133341

Ion Ratio Lower Upper

83 100

85 64.0 49.8 74.6

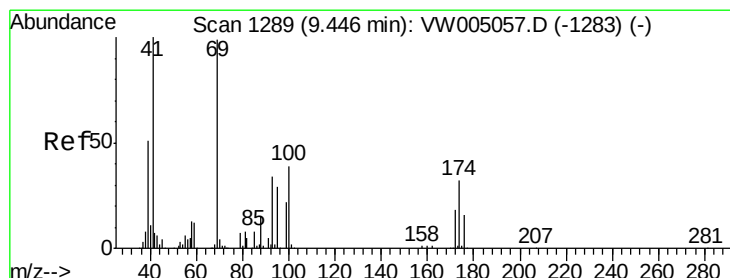
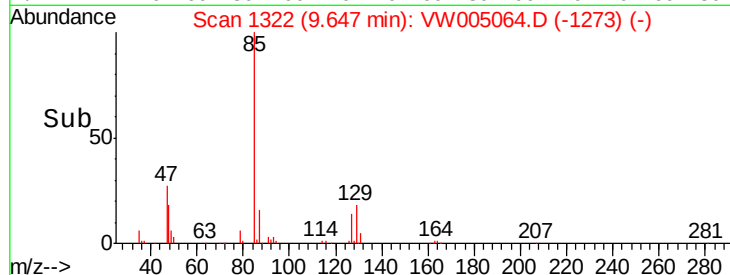
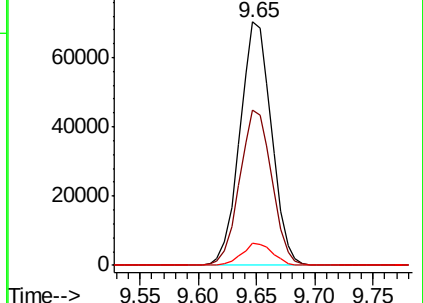
127 9.0 7.0 10.4



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: 20.614 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VW005064.D

Acq: 01 Sep 2018 04:52

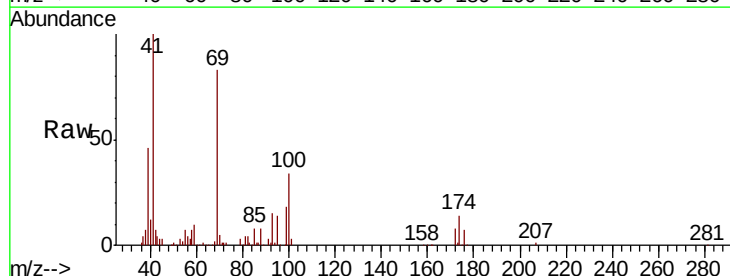
Tgt Ion: 41 Resp: 47244

Ion Ratio Lower Upper

41 100

69 100.6 80.4 120.6

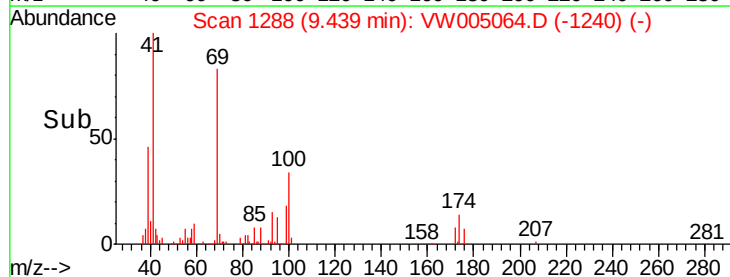
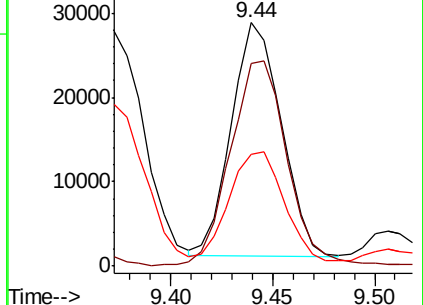
39 50.6 43.5 65.3

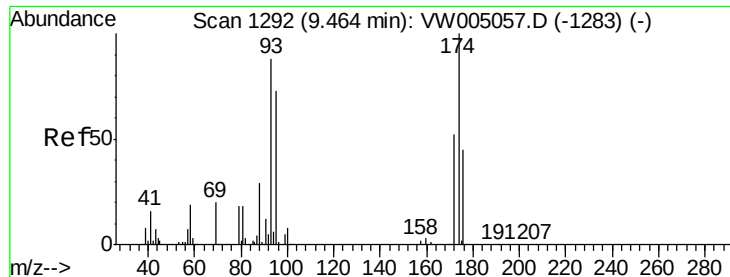


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 412.635 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VW005064.D

Acq: 01 Sep 2018 04:52

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBSD01

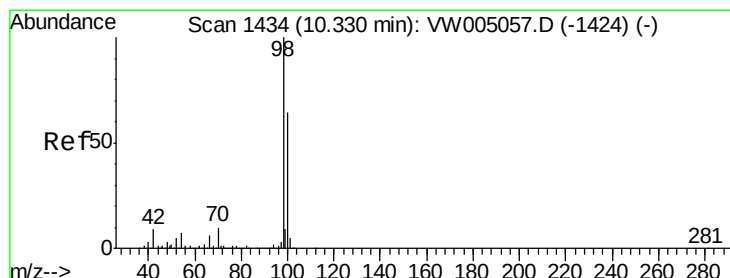
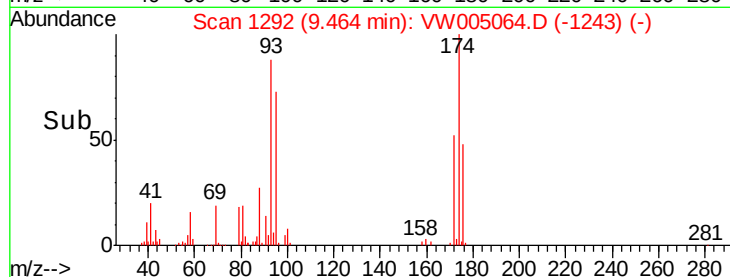
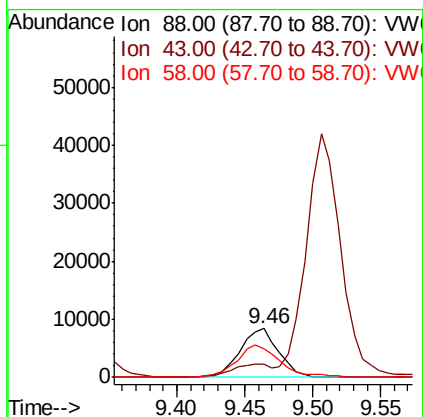
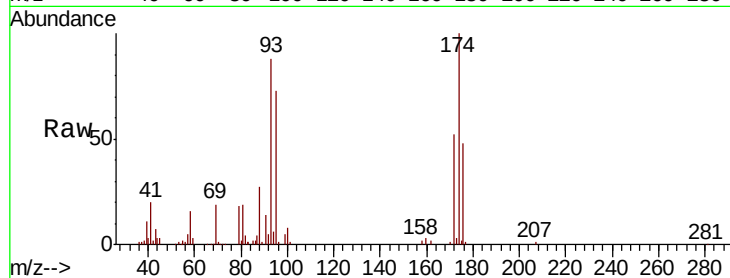
Tgt Ion: 88 Resp: 16690

Ion Ratio Lower Upper

88 100

43 25.9 19.8 29.6

58 74.3 57.1 85.7



#50

Toluene-d8

Concen: 50.827 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW005064.D

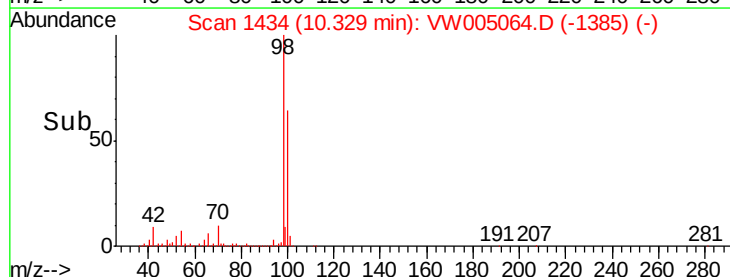
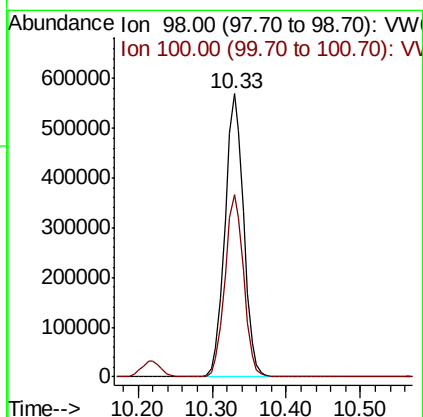
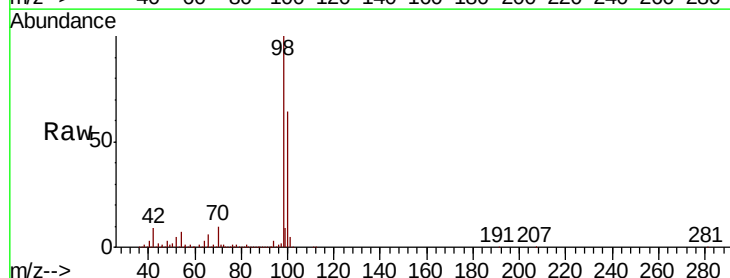
Acq: 01 Sep 2018 04:52

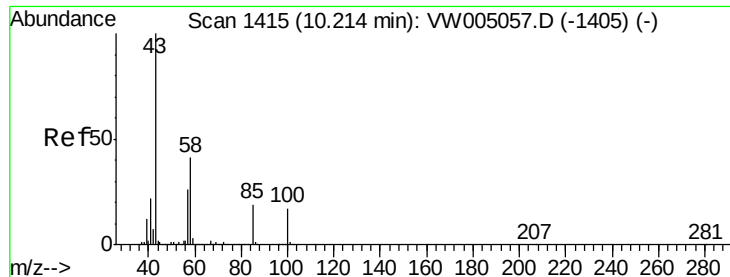
Tgt Ion: 98 Resp: 993899

Ion Ratio Lower Upper

98 100

100 64.7 51.7 77.5

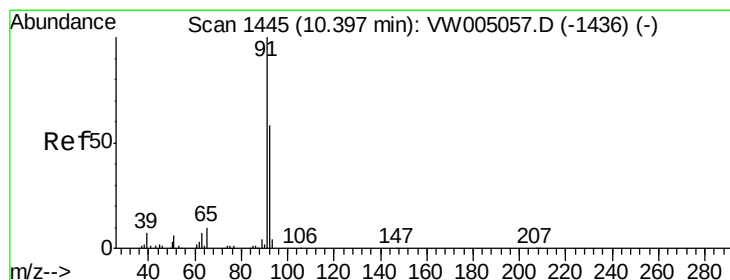
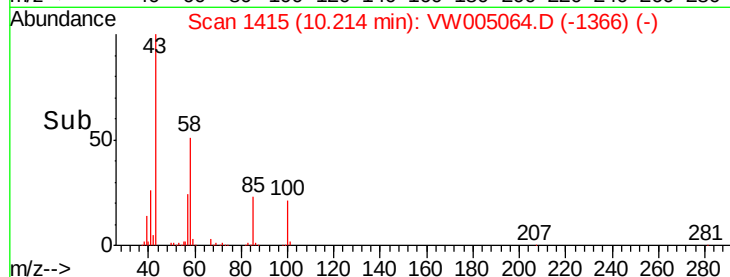
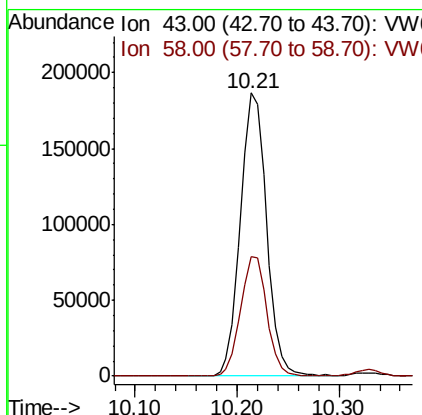
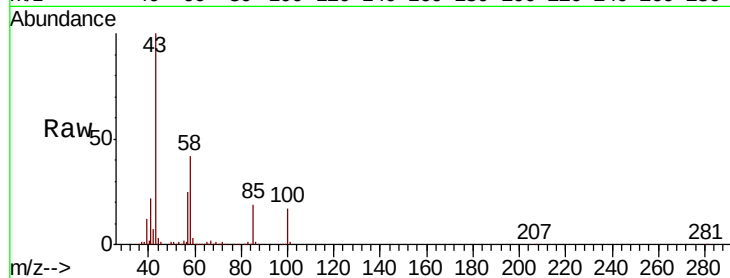




#51
 4-Methyl-2-Pentanone
 Concen: 104.535 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VW005064.D
 Acq: 01 Sep 2018 04:52

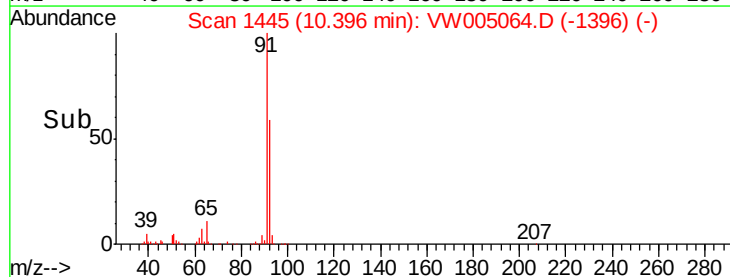
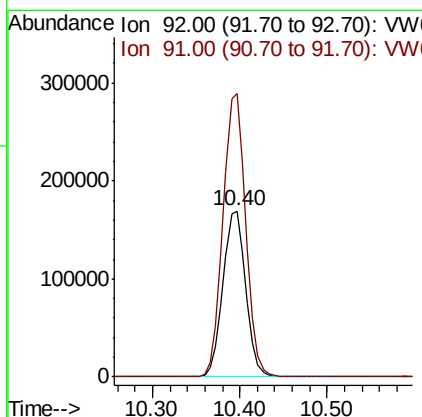
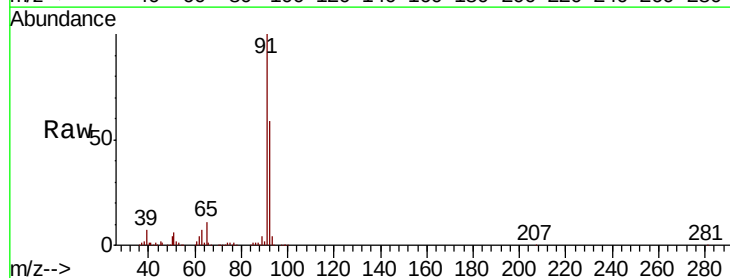
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBSD01

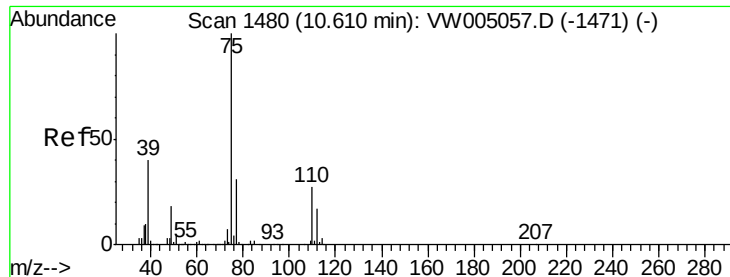
Tgt Ion: 43 Resp: 333453
 Ion Ratio Lower Upper
 43 100
 58 42.4 33.3 49.9



#52
 Toluene
 Concen: 21.023 ug/l
 RT: 10.40 min Scan# 1445
 Delta R.T. -0.00 min
 Lab File: VW005064.D
 Acq: 01 Sep 2018 04:52

Tgt Ion: 92 Resp: 305001
 Ion Ratio Lower Upper
 92 100
 91 169.9 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 20.867 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW005064.D

Acq: 01 Sep 2018 04:52

Instrument :

MSVOA_W

ClientSampleId :

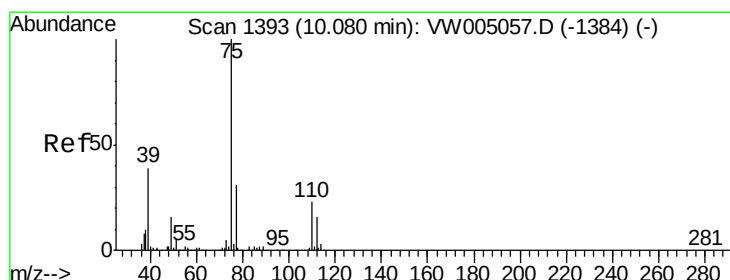
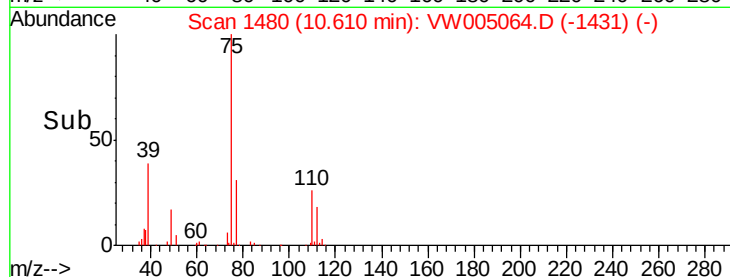
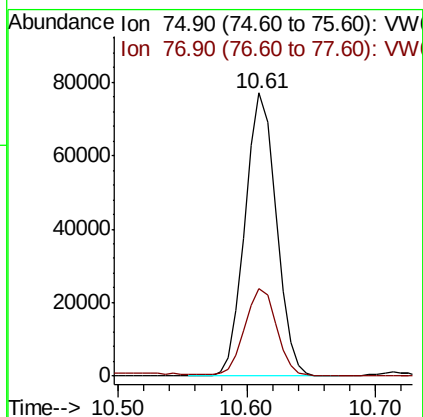
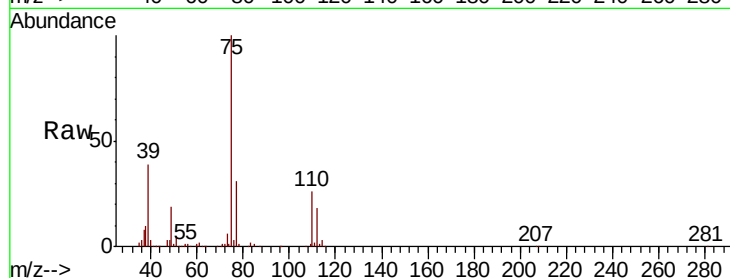
VW0901SBSD01

Tgt Ion: 75 Resp: 129129

Ion Ratio Lower Upper

75 100

77 30.7 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 21.317 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005064.D

Acq: 01 Sep 2018 04:52

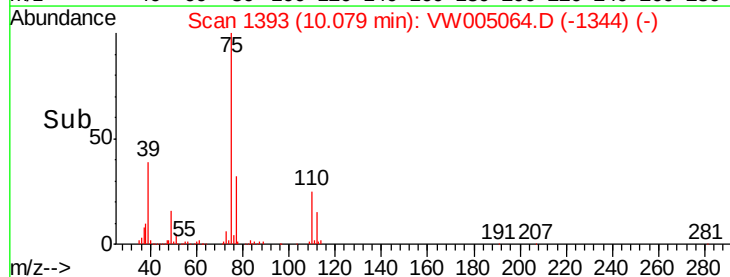
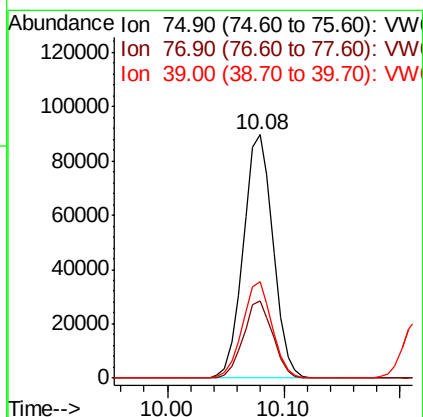
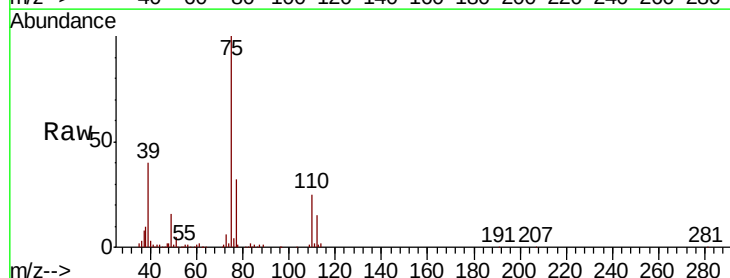
Tgt Ion: 75 Resp: 160427

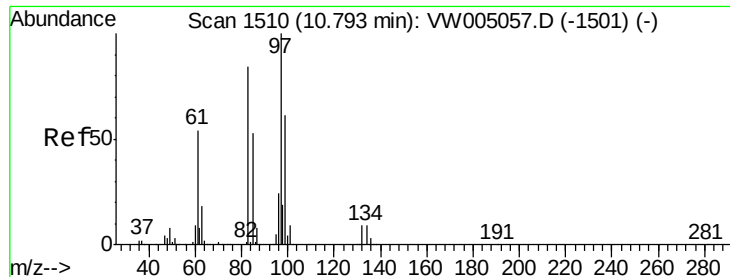
Ion Ratio Lower Upper

75 100

77 31.8 24.9 37.3

39 39.4 31.0 46.6





#55

1,1,2-Trichloroethane

Concen: 20.677 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VW005064.D

Acq: 01 Sep 2018 04:52

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBSD01

Tgt Ion: 97 Resp: 80072

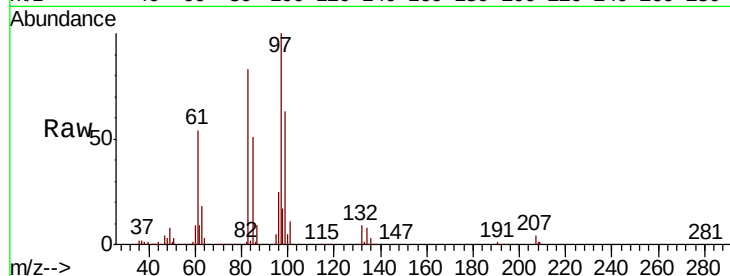
Ion Ratio Lower Upper

97 100

83 82.6 67.0 100.6

85 51.2 42.3 63.5

99 63.7 48.5 72.7

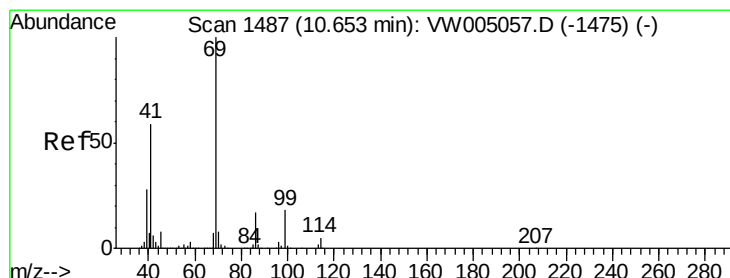
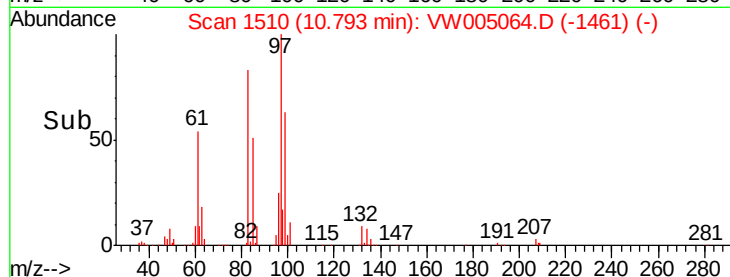
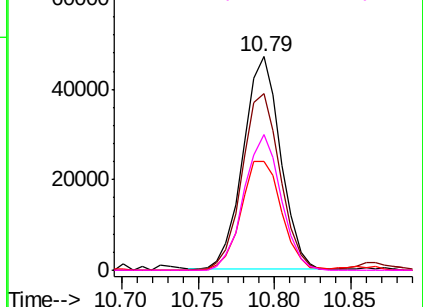


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 20.825 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW005064.D

Acq: 01 Sep 2018 04:52

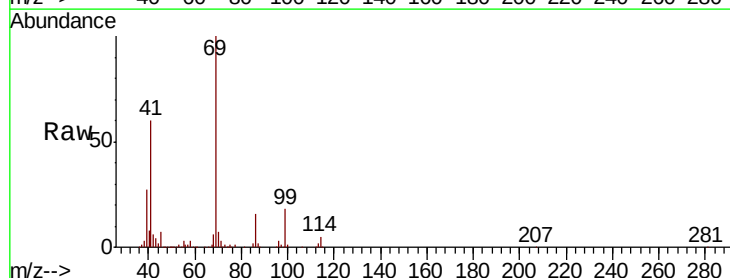
Tgt Ion: 69 Resp: 92004

Ion Ratio Lower Upper

69 100

41 59.0 47.8 71.6

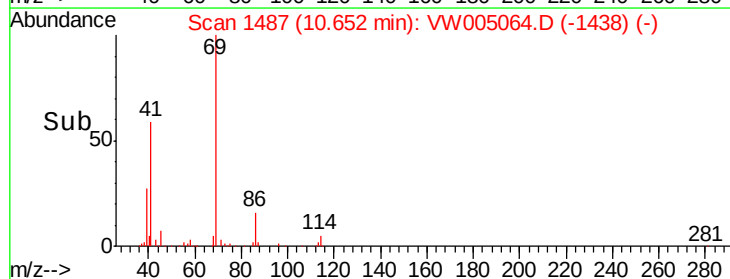
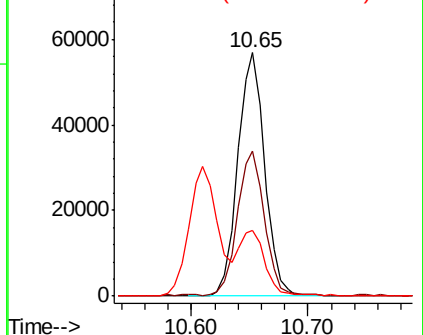
39 25.9 21.1 31.7

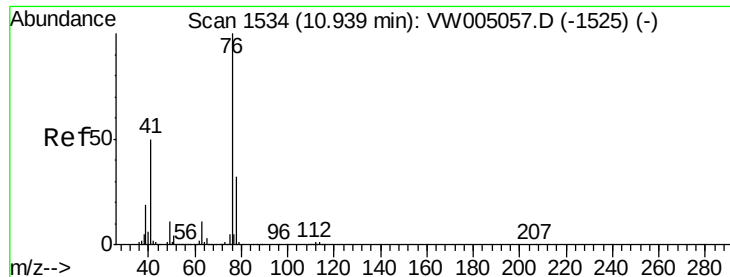


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 21.117 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VW005064.D

Acq: 01 Sep 2018 04:52

Instrument :

MSVOA_W

ClientSampleId :

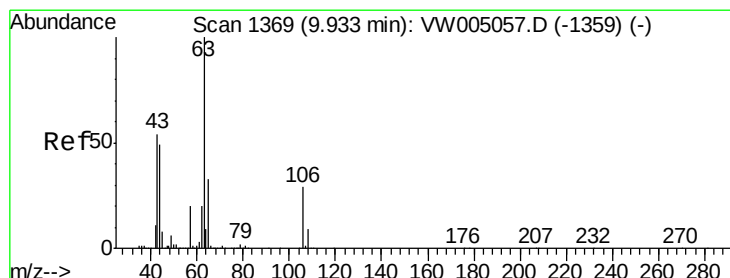
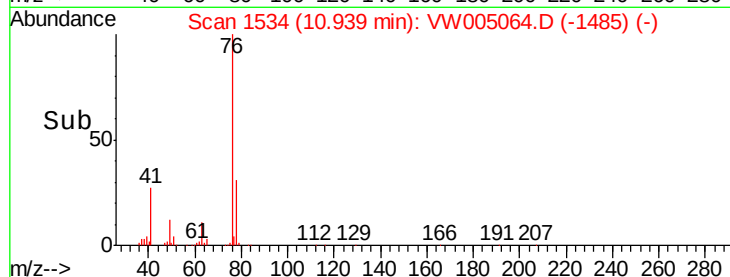
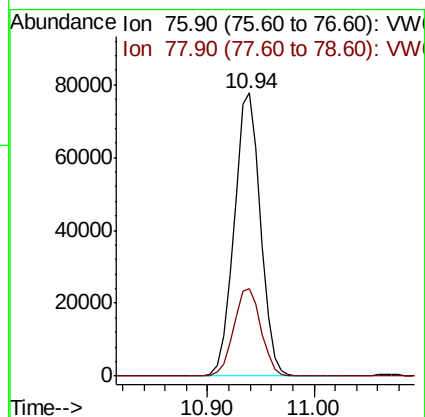
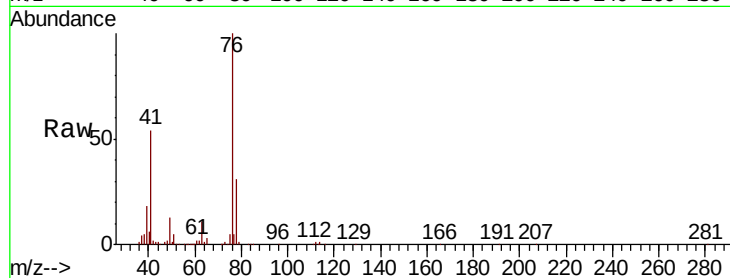
VW0901SBSD01

Tgt Ion: 76 Resp: 134626

Ion Ratio Lower Upper

76 100

78 32.2 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 105.503 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VW005064.D

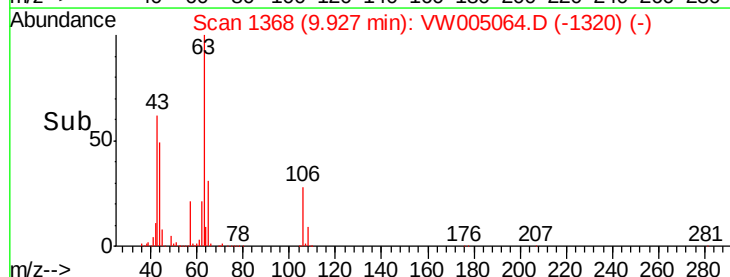
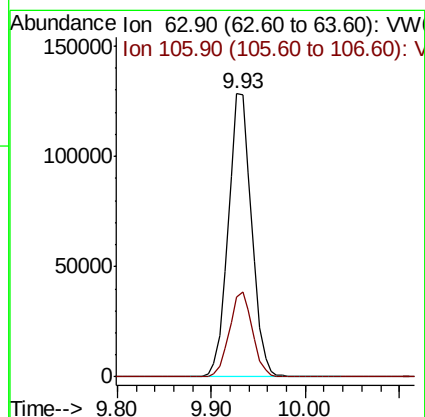
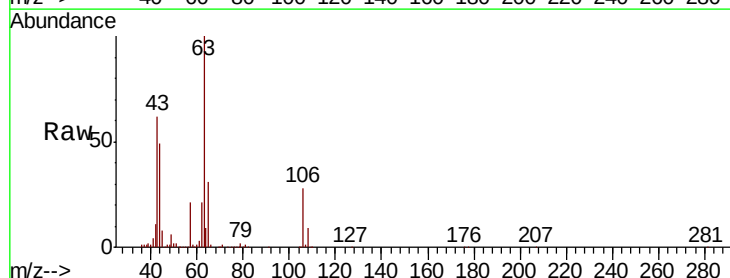
Acq: 01 Sep 2018 04:52

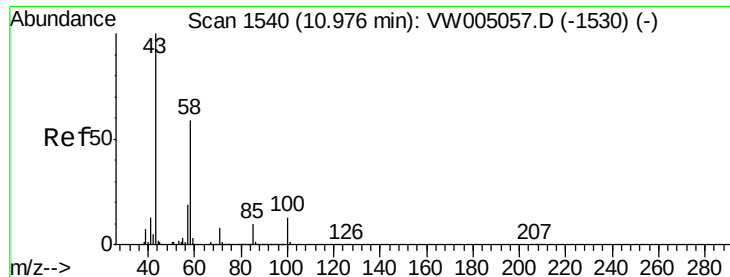
Tgt Ion: 63 Resp: 220867

Ion Ratio Lower Upper

63 100

106 29.6 23.1 34.7

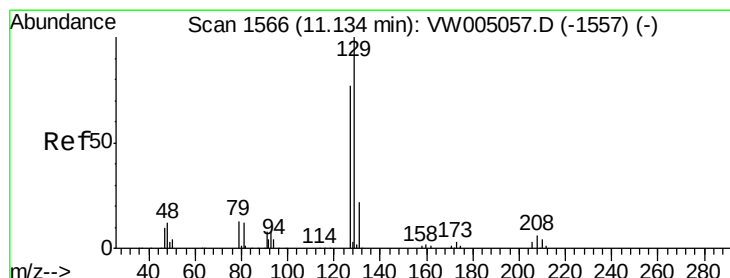
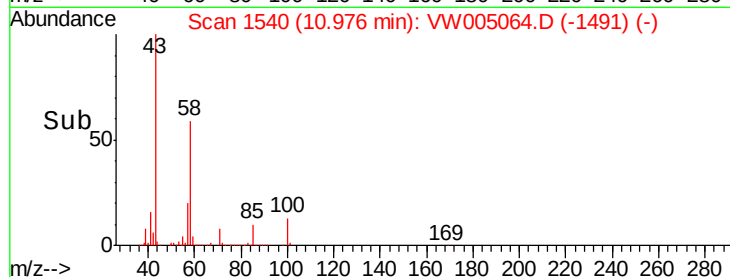
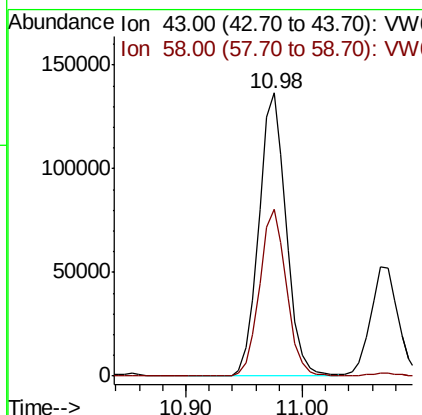
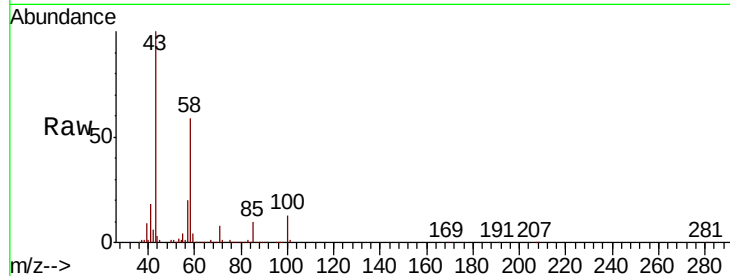




#59
2-Hexanone
Concen: 103.316 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW005064.D
Acq: 01 Sep 2018 04:52

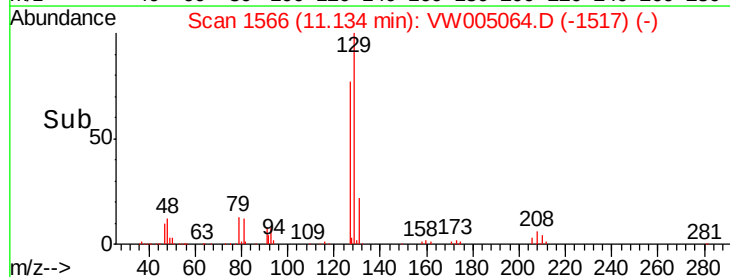
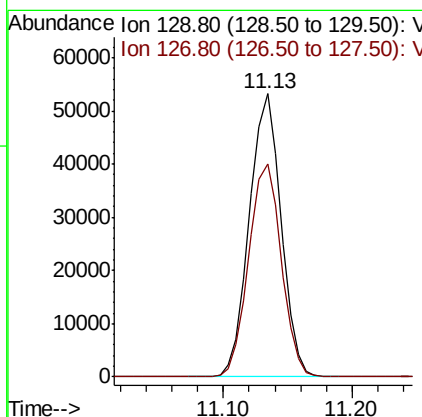
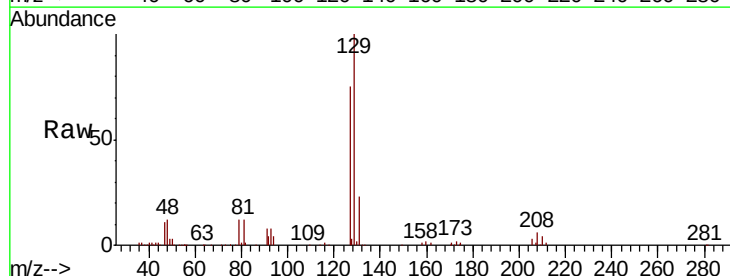
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBSD01

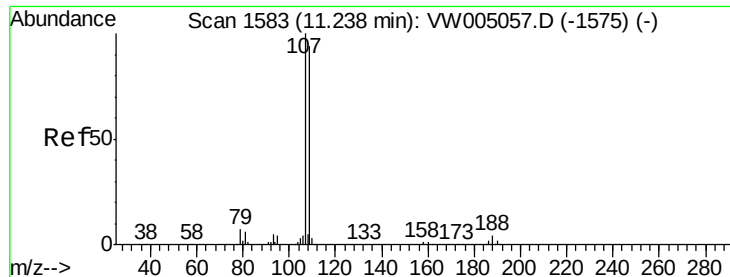
Tgt Ion: 43 Resp: 222904
Ion Ratio Lower Upper
43 100
58 58.4 28.7 86.3



#60
Dibromochloromethane
Concen: 20.627 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW005064.D
Acq: 01 Sep 2018 04:52

Tgt Ion: 129 Resp: 90303
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.7

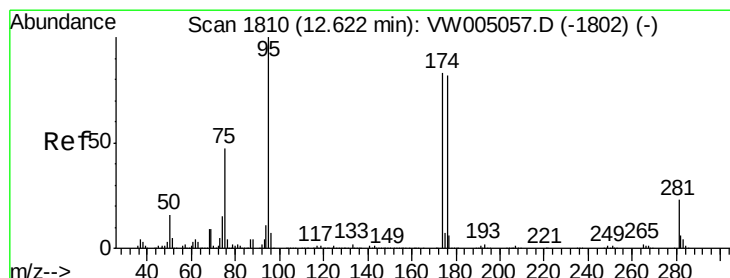
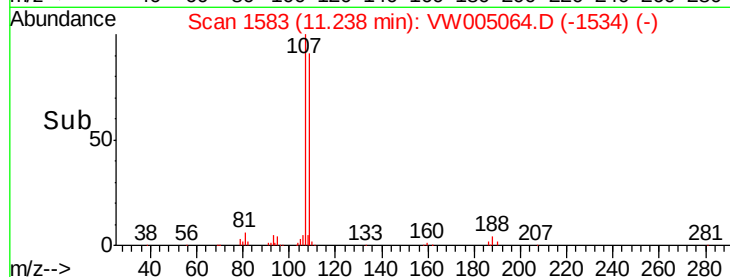
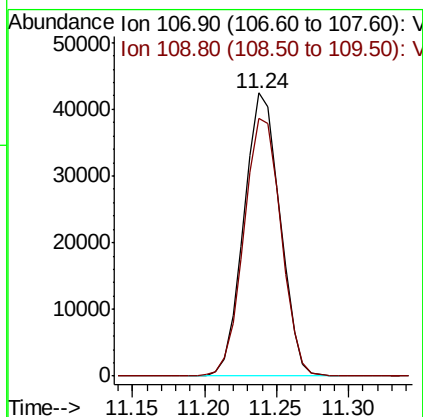
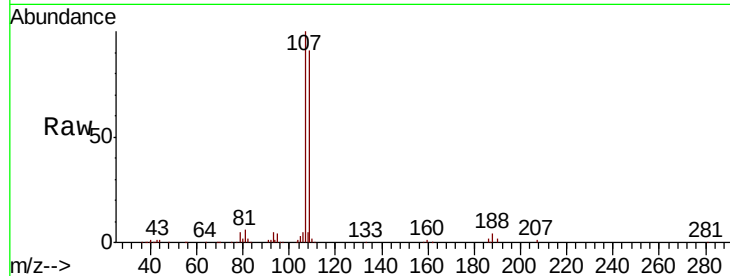




#61
 1,2-Dibromoethane
 Concen: 21.113 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW005064.D
 Acq: 01 Sep 2018 04:52

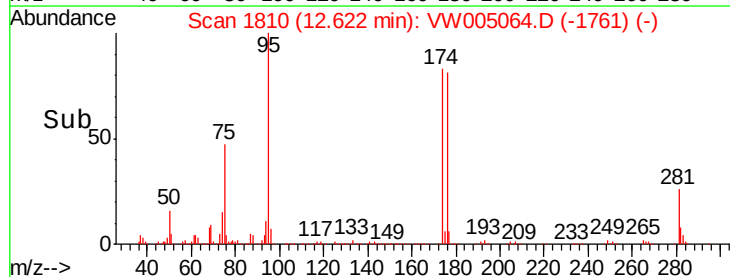
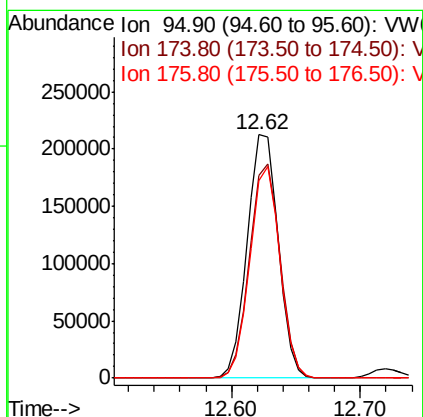
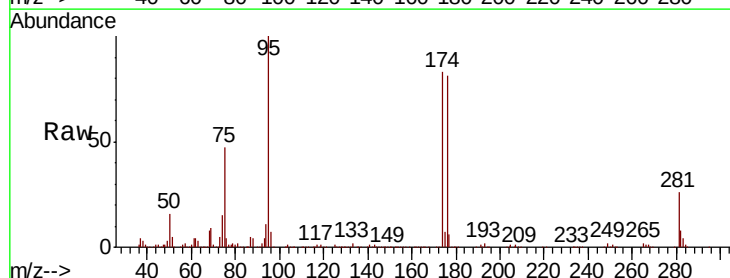
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBSD01

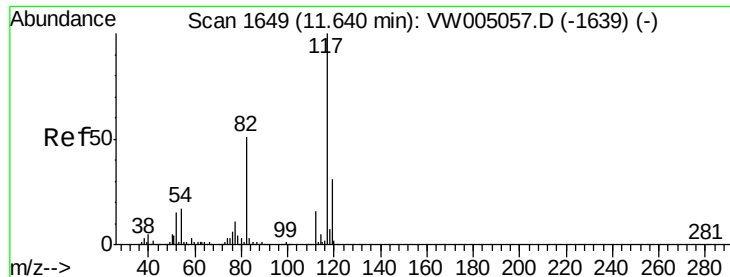
Tgt Ion: 107 Resp: 73815
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 51.075 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW005064.D
 Acq: 01 Sep 2018 04:52

Tgt Ion: 95 Resp: 352166
 Ion Ratio Lower Upper
 95 100
 174 86.8 0.0 173.4
 176 84.1 0.0 167.4

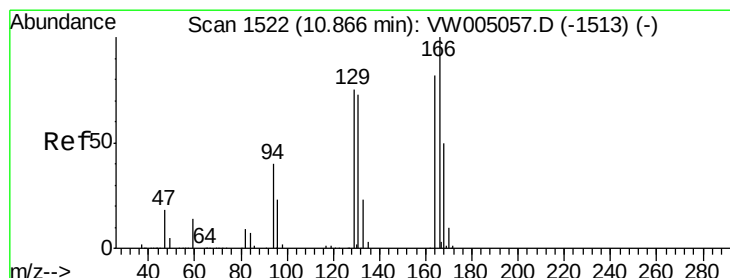
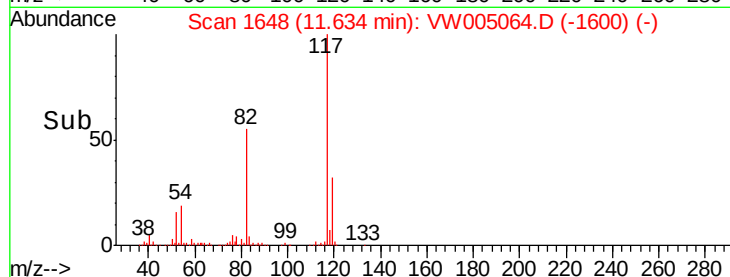
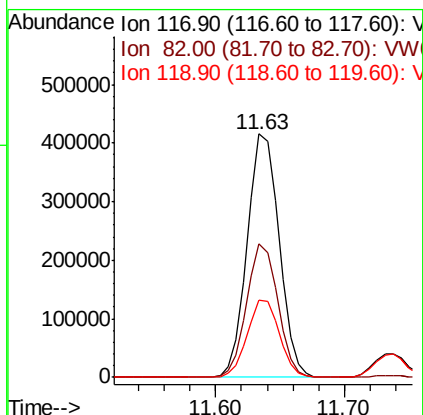
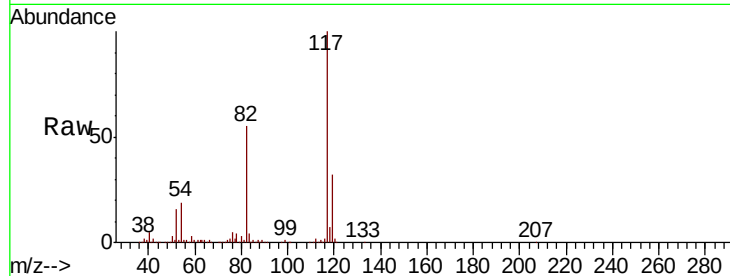




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005064.D
Acq: 01 Sep 2018 04:52

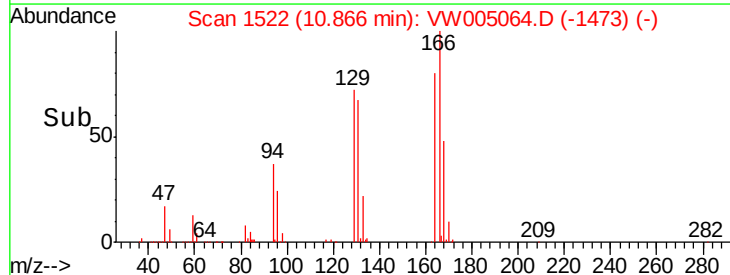
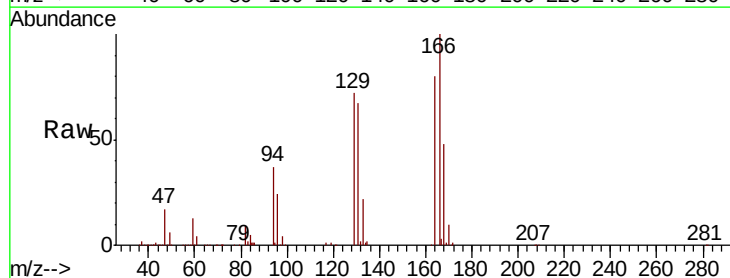
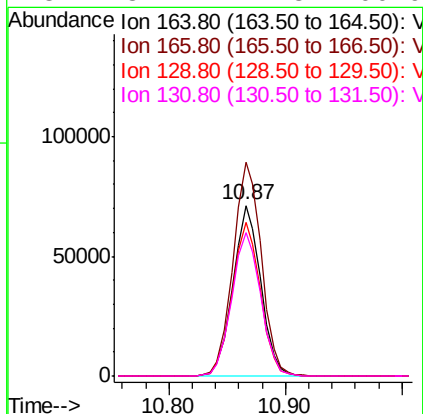
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBSD01

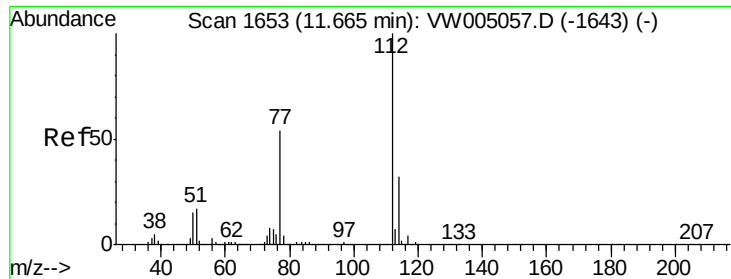
Tgt Ion:117 Resp: 712464
Ion Ratio Lower Upper
117 100
82 54.8 40.9 61.3
119 31.5 24.9 37.3



#64
Tetrachloroethene
Concen: 21.095 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW005064.D
Acq: 01 Sep 2018 04:52

Tgt Ion:164 Resp: 117924
Ion Ratio Lower Upper
164 100
166 125.3 97.3 145.9
129 90.3 73.1 109.7
131 84.4 71.3 106.9





#65

Chlorobenzene

Concen: 20.687 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VW005064.D

Acq: 01 Sep 2018 04:52

Instrument :

MSVOA_W

ClientSampleId :

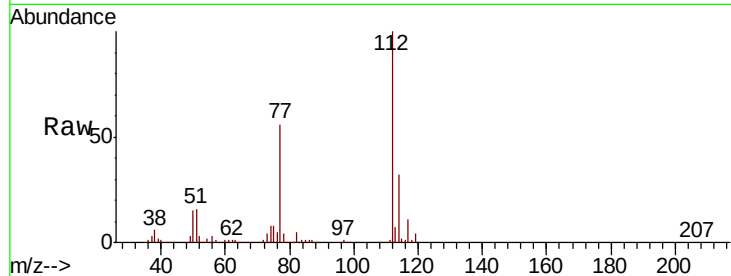
VW0901SBSD01

Tgt Ion:112 Resp: 331815

Ion Ratio Lower Upper

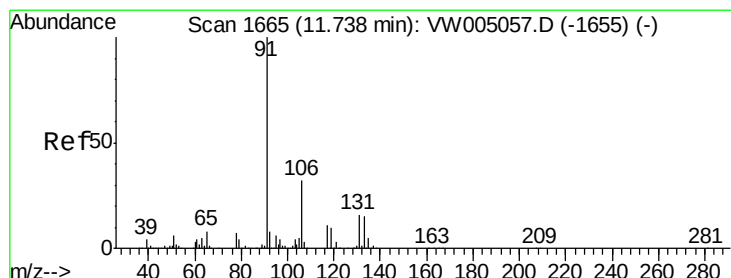
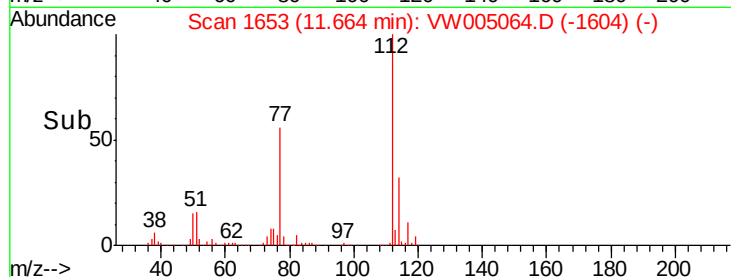
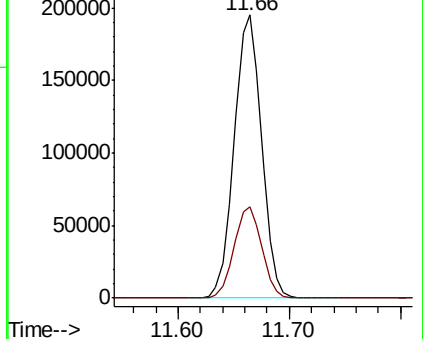
112 100

114 32.2 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.724 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW005064.D

Acq: 01 Sep 2018 04:52

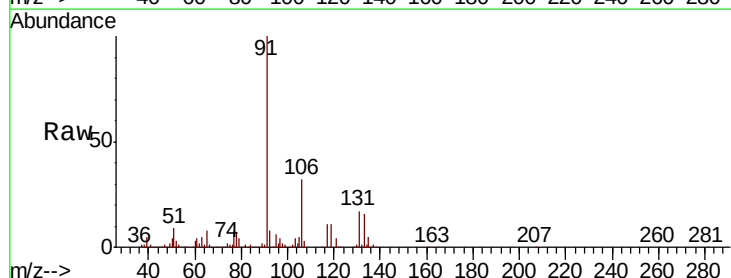
Tgt Ion:131 Resp: 101574

Ion Ratio Lower Upper

131 100

133 94.9 47.4 142.3

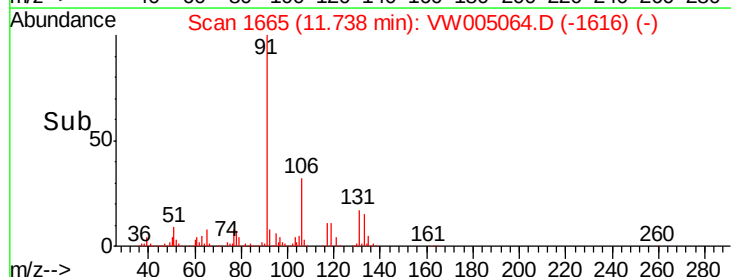
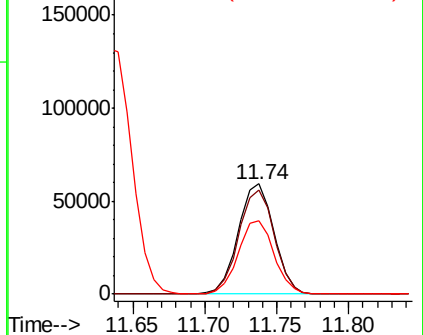
119 66.8 33.4 100.1

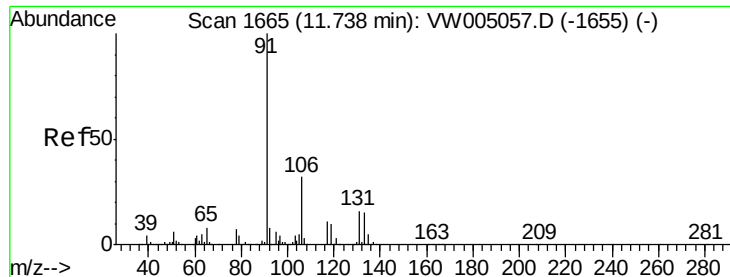


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.918 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW005064.D

Acq: 01 Sep 2018 04:52

Instrument :

MSVOA_W

ClientSampleId :

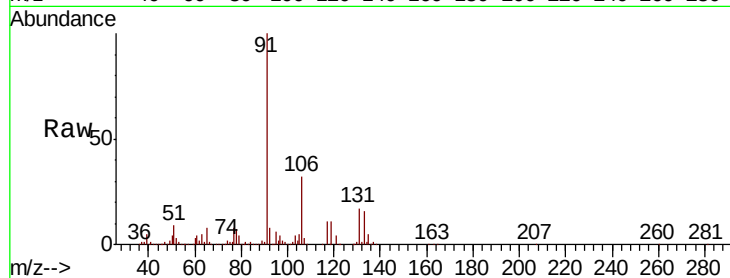
VW0901SBSD01

Tgt Ion: 91 Resp: 567198

Ion Ratio Lower Upper

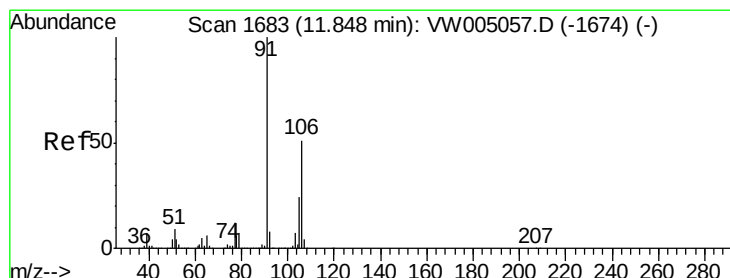
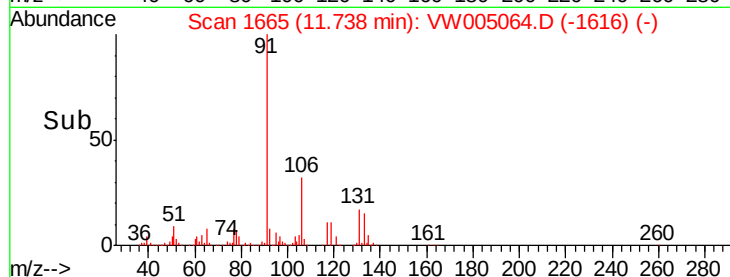
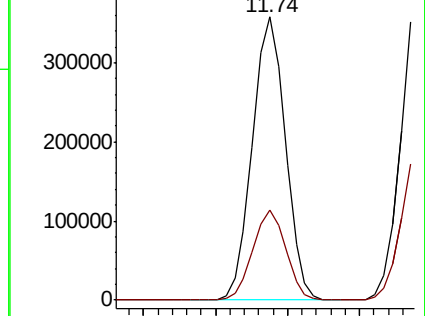
91 100

106 31.6 25.3 37.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 42.617 ug/l

RT: 11.85 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VW005064.D

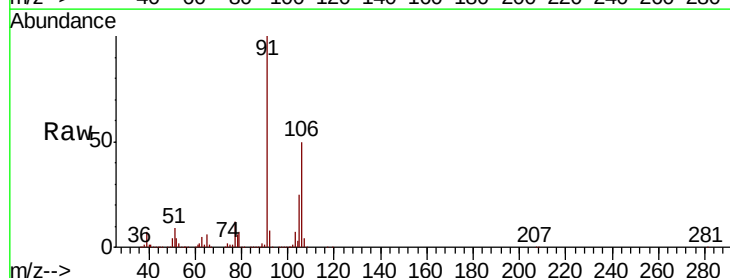
Acq: 01 Sep 2018 04:52

Tgt Ion: 106 Resp: 462682

Ion Ratio Lower Upper

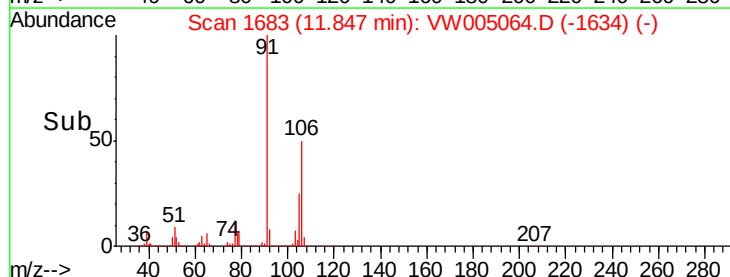
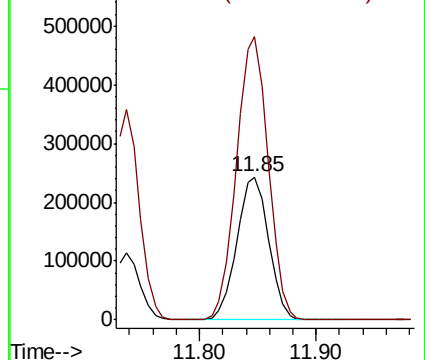
106 100

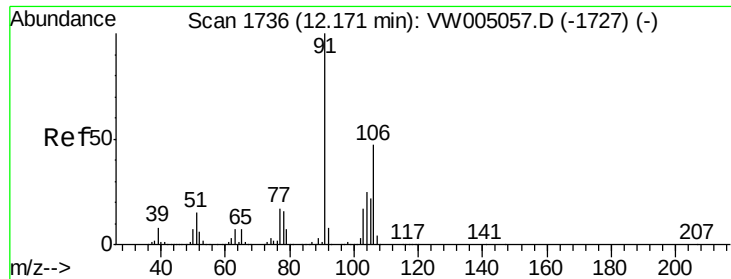
91 197.8 158.4 237.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

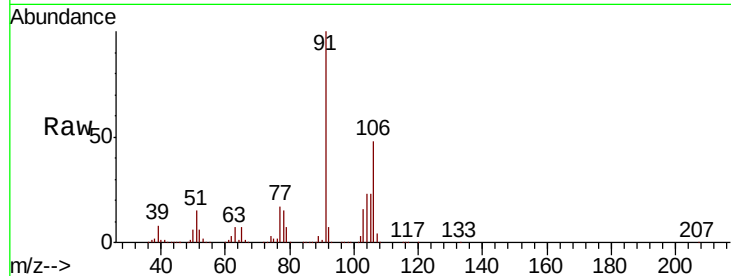




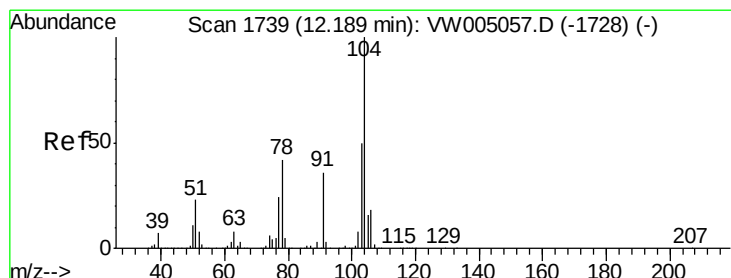
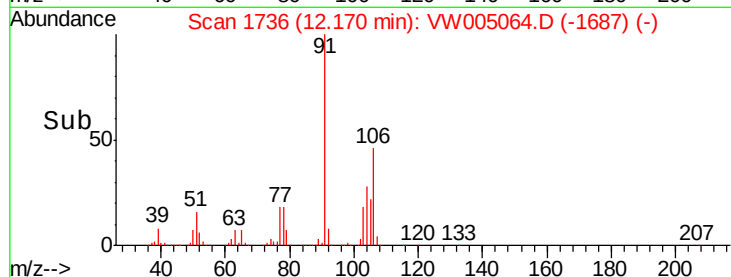
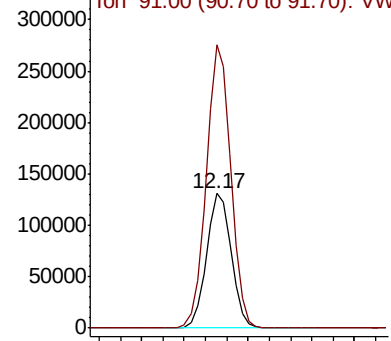
#69
o-Xylene
Concen: 21.206 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW005064.D
Acq: 01 Sep 2018 04:52

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBSD01

Tgt Ion:106 Resp: 212857
Ion Ratio Lower Upper
106 100
91 207.9 105.6 316.8

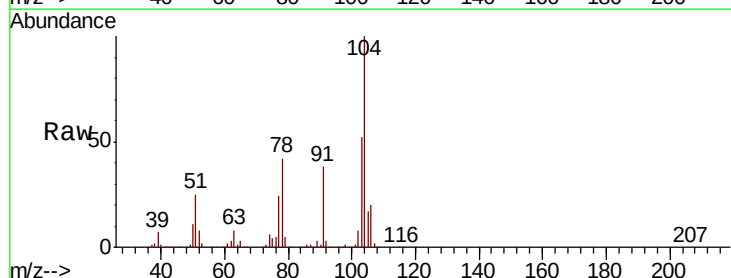


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

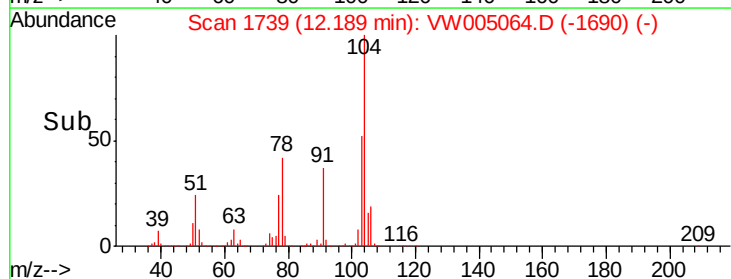
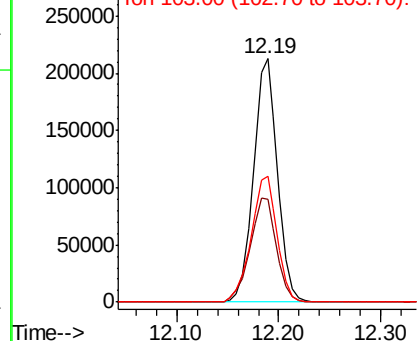


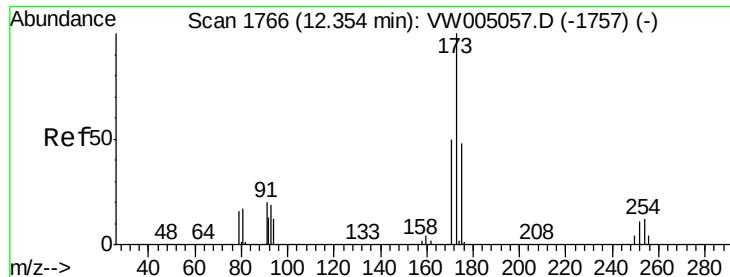
#70
Styrene
Concen: 20.997 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW005064.D
Acq: 01 Sep 2018 04:52

Tgt Ion:104 Resp: 348148
Ion Ratio Lower Upper
104 100
78 46.9 37.8 56.6
103 56.0 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V

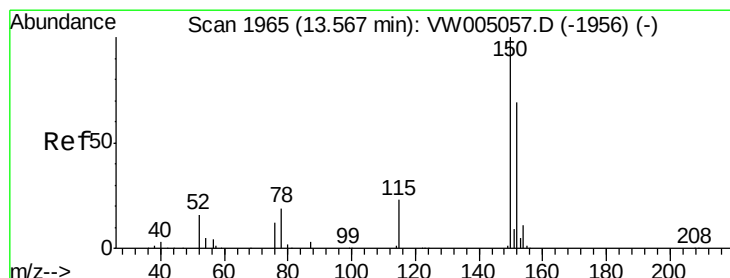
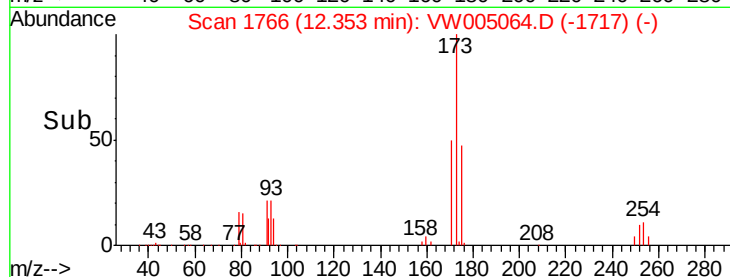
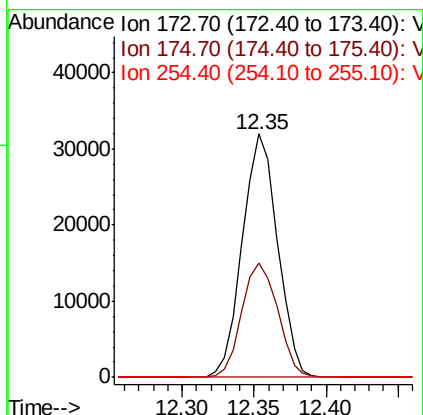
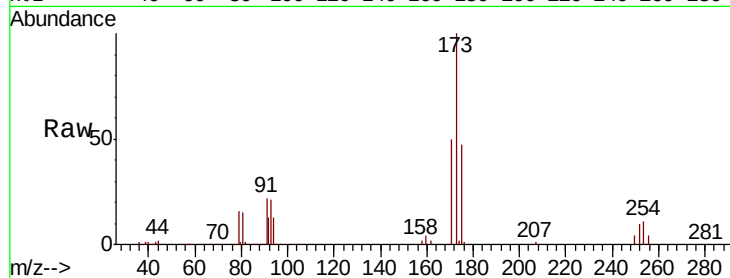




#71
Bromoform
Concen: 20.895 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. -0.00 min
Lab File: VW005064.D
Acq: 01 Sep 2018 04:52

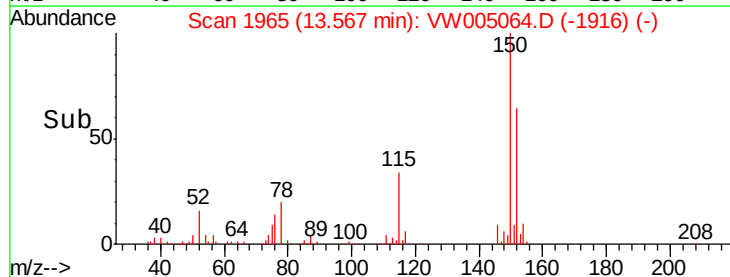
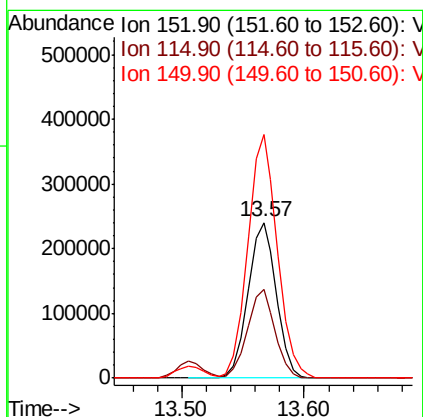
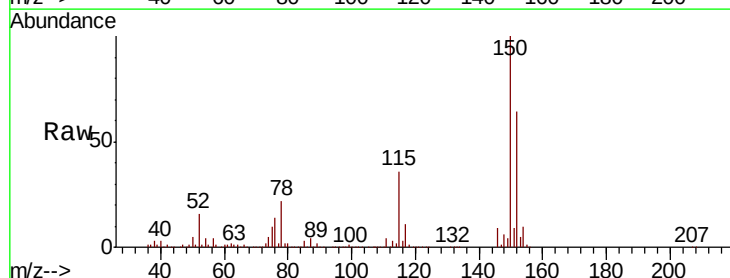
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBSD01

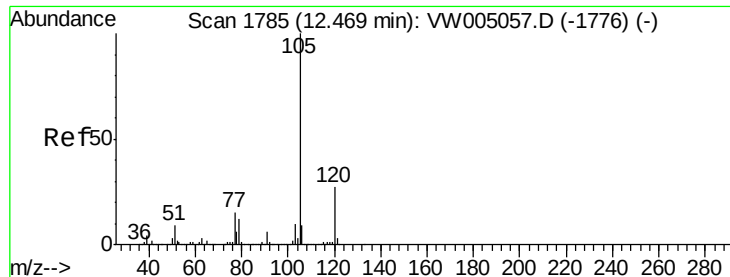
Tgt Ion:173 Resp: 54280
Ion Ratio Lower Upper
173 100
175 47.9 24.1 72.2
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW005064.D
Acq: 01 Sep 2018 04:52

Tgt Ion:152 Resp: 384908
Ion Ratio Lower Upper
152 100
115 55.6 27.8 83.4
150 163.3 0.0 351.4





#73

Isopropylbenzene

Concen: 20.822 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW005064.D

Acq: 01 Sep 2018 04:52

Instrument :

MSVOA_W

ClientSampleId :

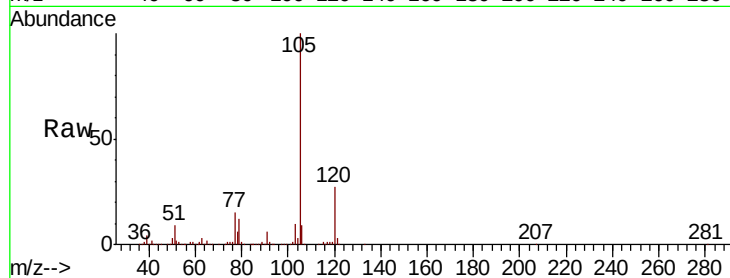
VW0901SBSD01

Tgt Ion: 105 Resp: 565101

Ion Ratio Lower Upper

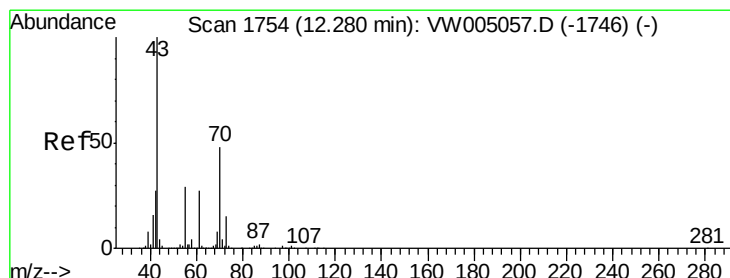
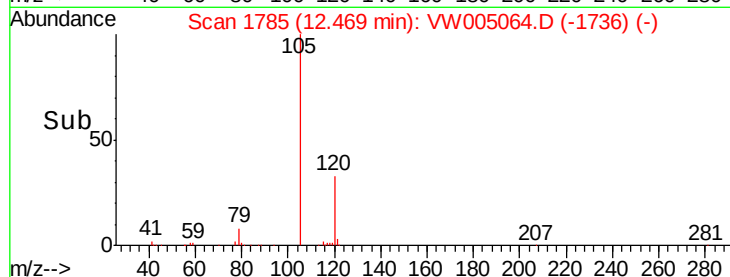
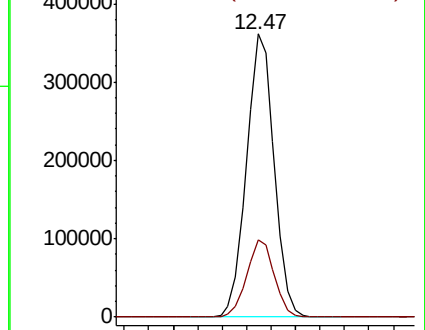
105 100

120 27.2 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.972 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW005064.D

Acq: 01 Sep 2018 04:52

Tgt Ion: 43 Resp: 93335

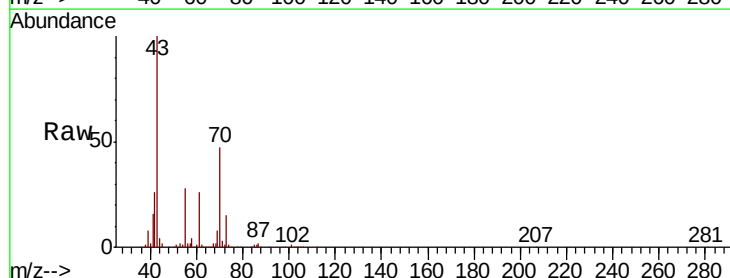
Ion Ratio Lower Upper

43 100

70 47.6 38.2 57.4

55 30.0 23.2 34.8

61 26.0 20.6 31.0

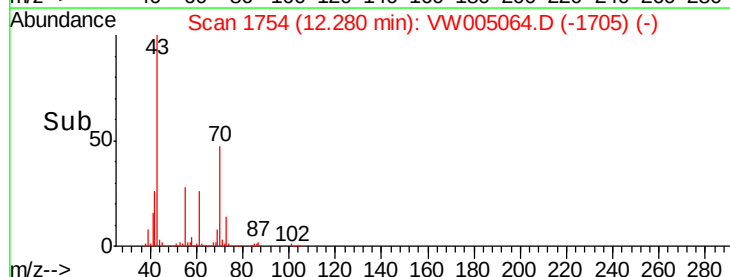
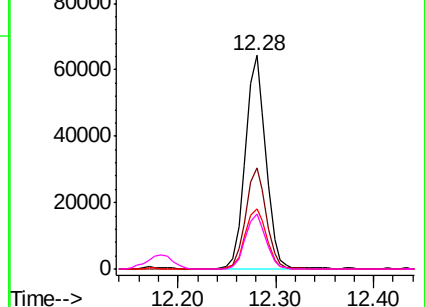


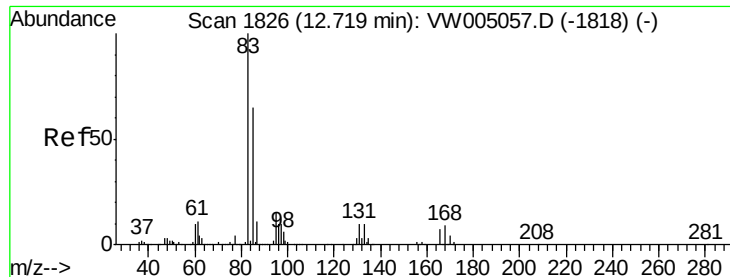
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 21.069 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW005064.D

Acq: 01 Sep 2018 04:52

Instrument :

MSVOA_W

ClientSampled :

VW0901SBSD01

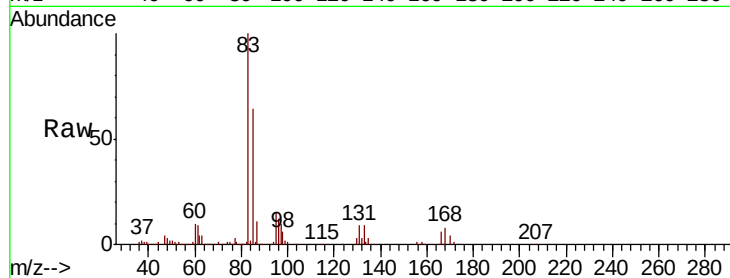
Tgt Ion: 83 Resp: 87049

Ion Ratio Lower Upper

83 100

131 10.4 5.5 16.4

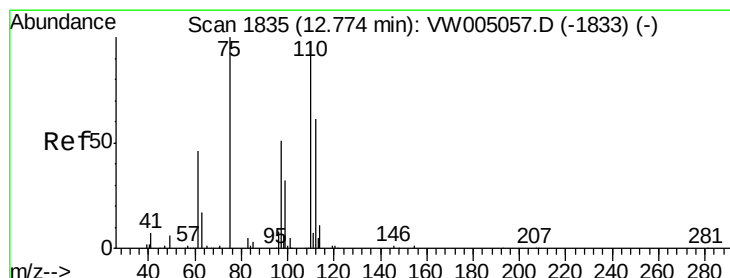
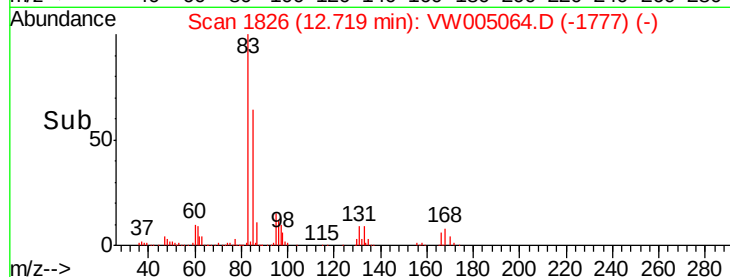
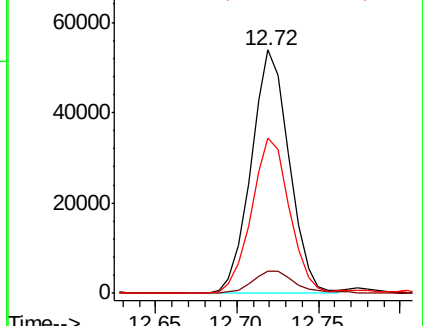
85 64.0 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 38.471 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW005064.D

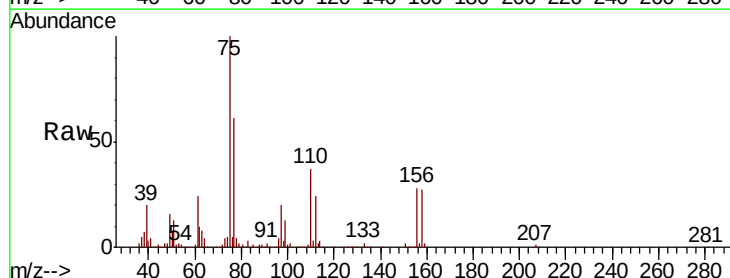
Acq: 01 Sep 2018 04:52

Tgt Ion: 75 Resp: 111152

Ion Ratio Lower Upper

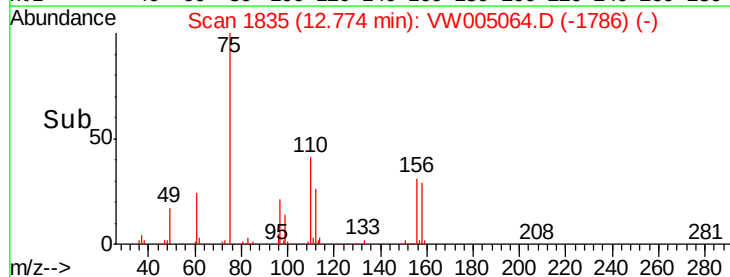
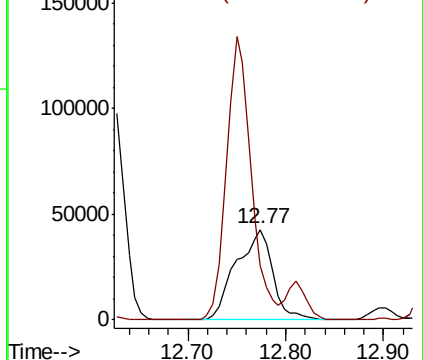
75 100

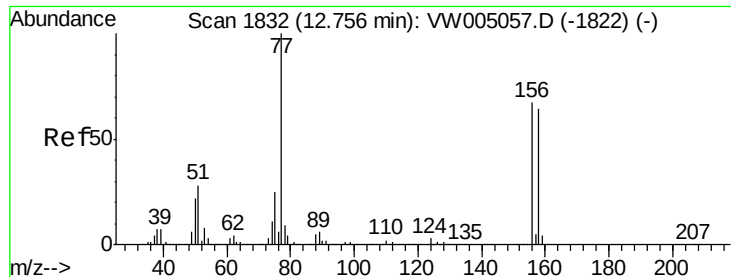
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.615 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VW005064.D

Acq: 01 Sep 2018 04:52

Instrument :

MSVOA_W

ClientSampled :

VW0901SBSD01

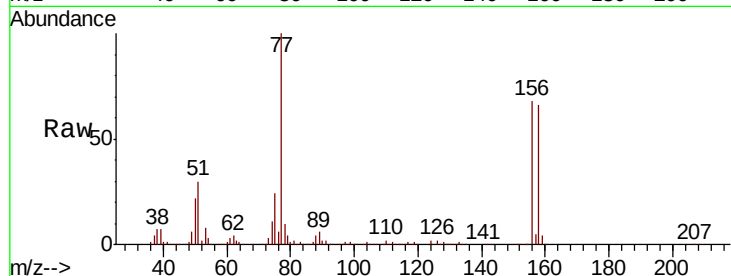
Tgt Ion:156 Resp: 137858

Ion Ratio Lower Upper

156 100

77 171.6 85.8 257.4

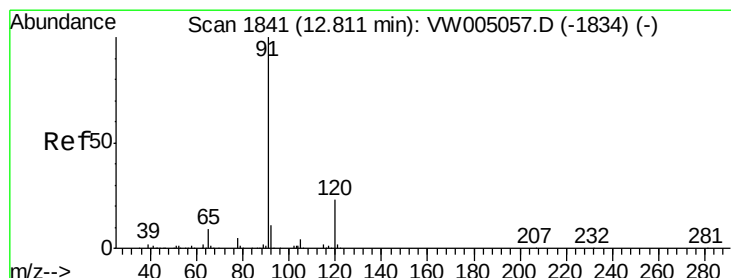
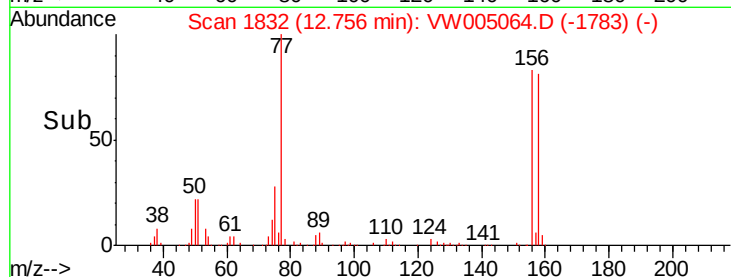
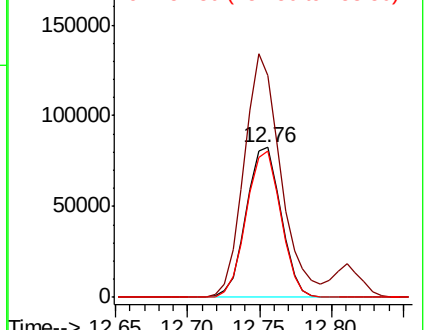
158 96.6 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.344 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW005064.D

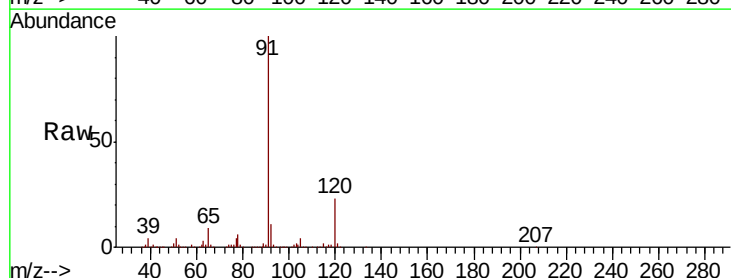
Acq: 01 Sep 2018 04:52

Tgt Ion: 91 Resp: 699296

Ion Ratio Lower Upper

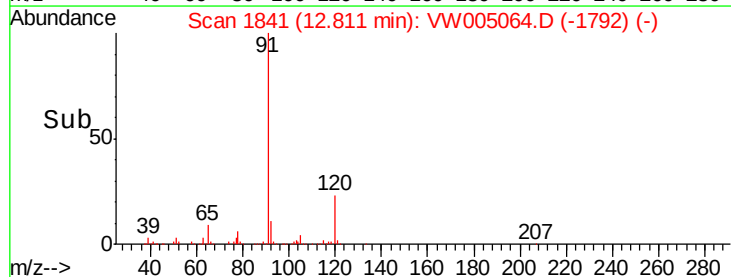
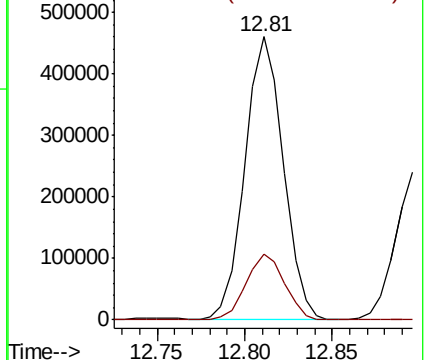
91 100

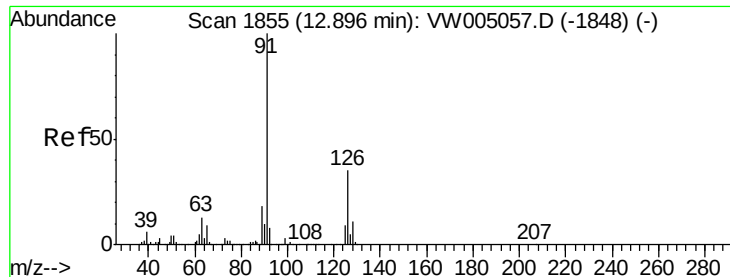
120 23.4 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.910 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005064.D

Acq: 01 Sep 2018 04:52

Instrument :

MSVOA_W

ClientSampleId :

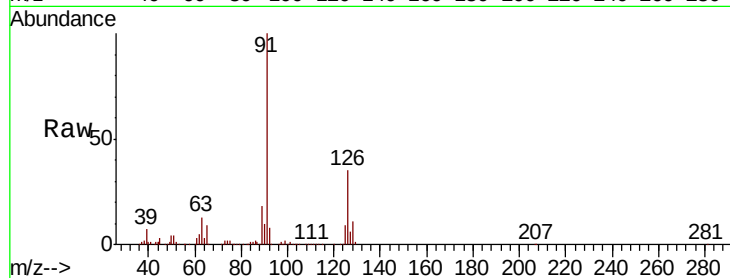
VW0901SBSD01

Tgt Ion: 91 Resp: 399691

Ion Ratio Lower Upper

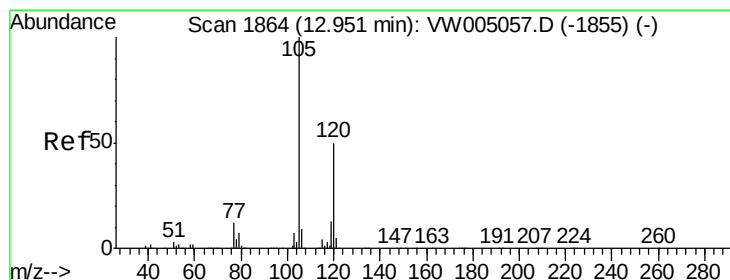
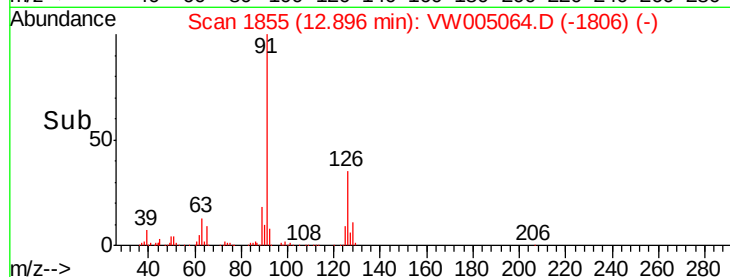
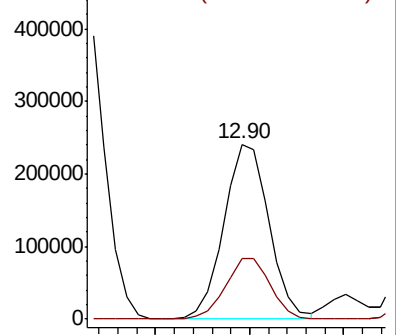
91 100

126 34.8 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.315 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW005064.D

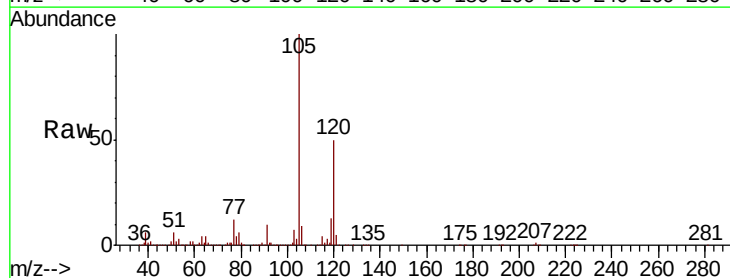
Acq: 01 Sep 2018 04:52

Tgt Ion: 105 Resp: 500267

Ion Ratio Lower Upper

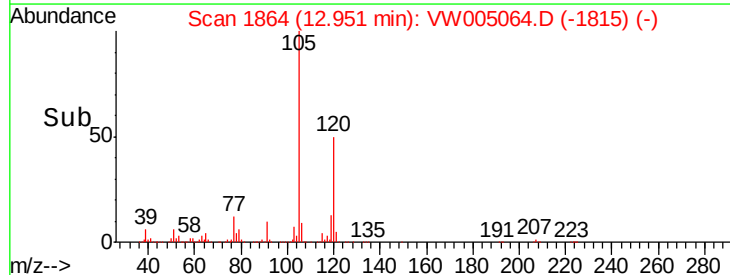
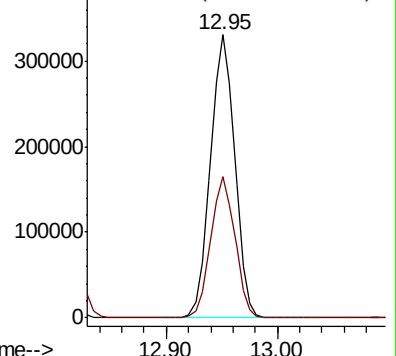
105 100

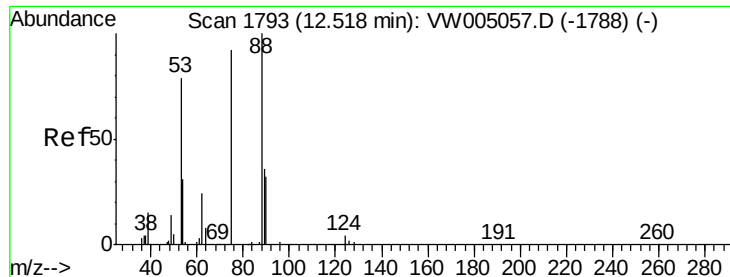
120 49.5 24.9 74.8



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: 19.902 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW005064.D

Acq: 01 Sep 2018 04:52

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBSD01

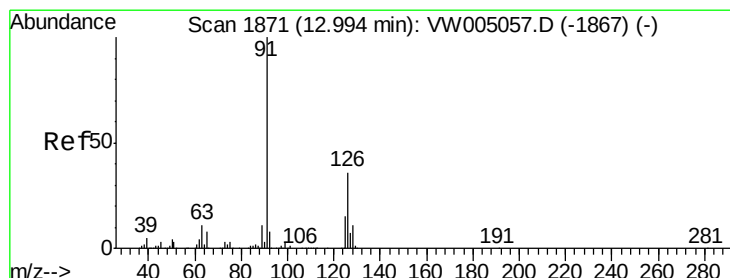
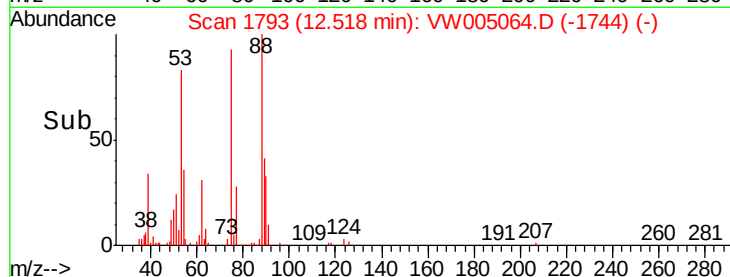
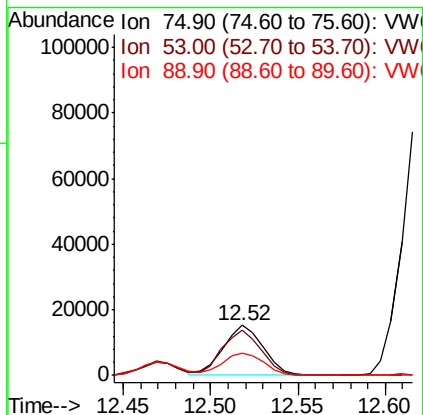
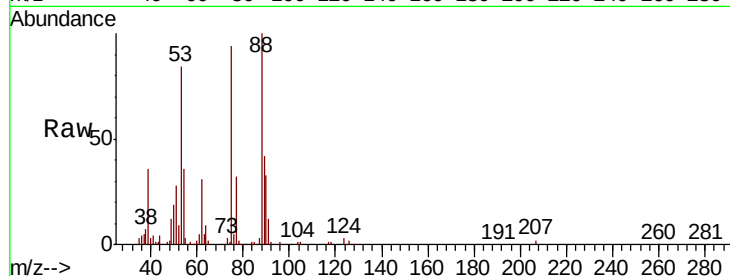
Tgt Ion: 75 Resp: 23890

Ion Ratio Lower Upper

75 100

53 89.5 69.8 104.8

89 47.0 36.0 54.0



#82

4-Chlorotoluene

Concen: 20.803 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VW005064.D

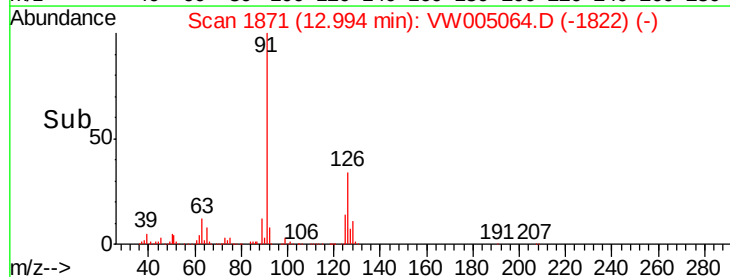
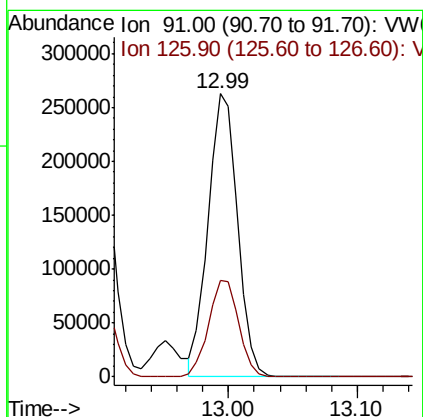
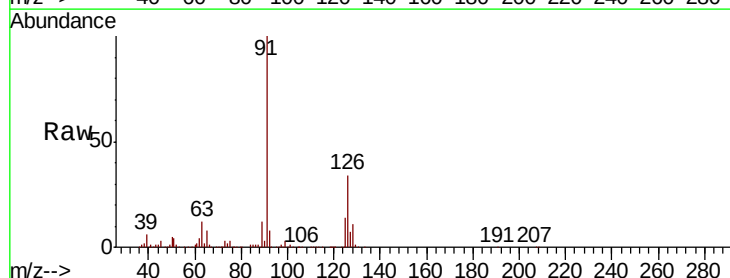
Acq: 01 Sep 2018 04:52

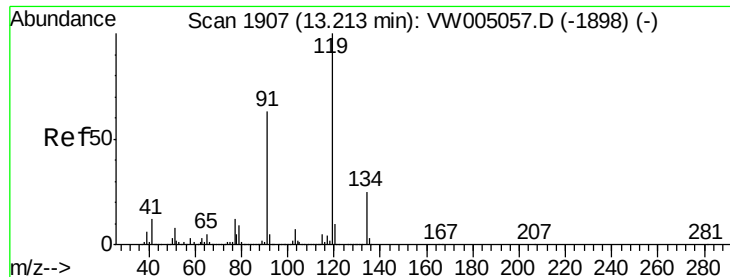
Tgt Ion: 91 Resp: 419894

Ion Ratio Lower Upper

91 100

126 35.1 17.4 52.3

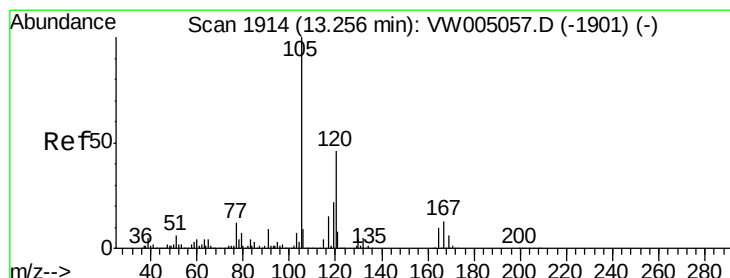
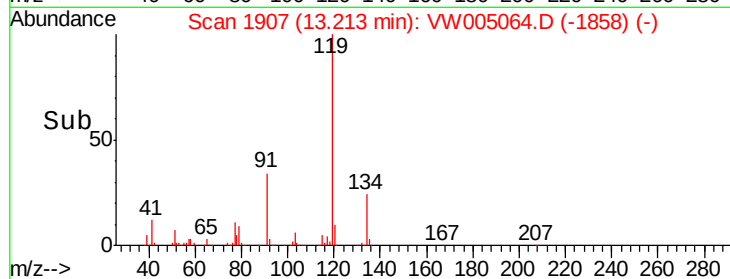
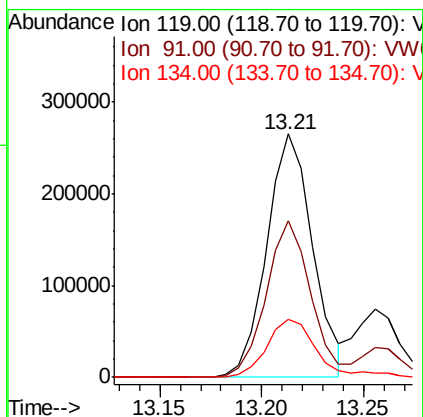
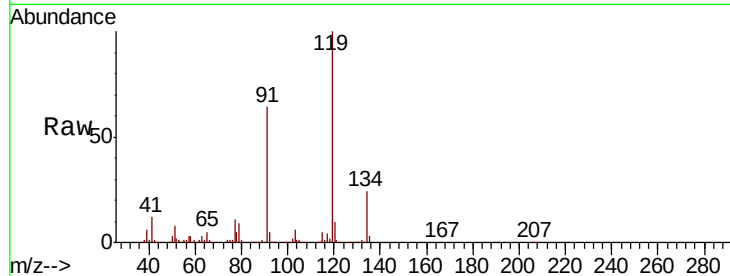




#83
 tert-Butylbenzene
 Concen: 21.226 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VW005064.D
 Acq: 01 Sep 2018 04:52

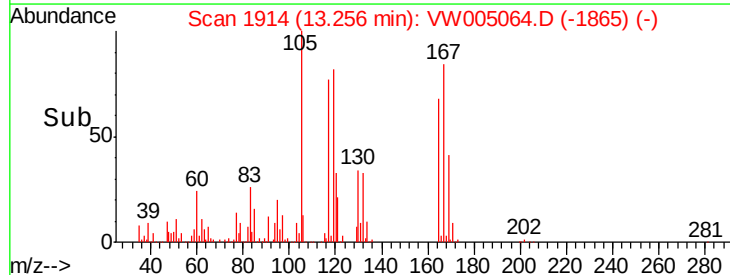
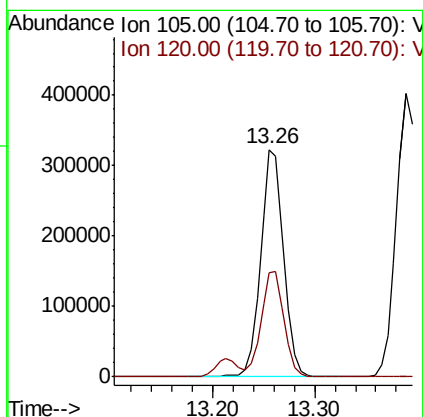
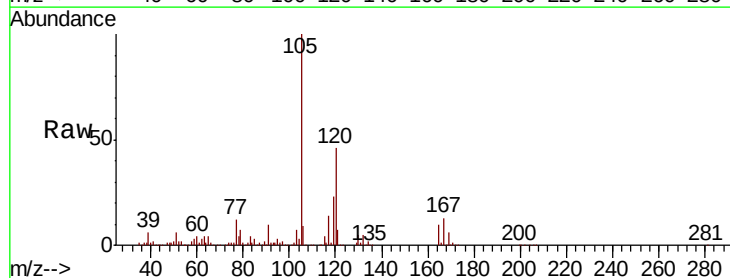
Instrument :
 MSVOA_W
 ClientSampled :
 VW0901SBSD01

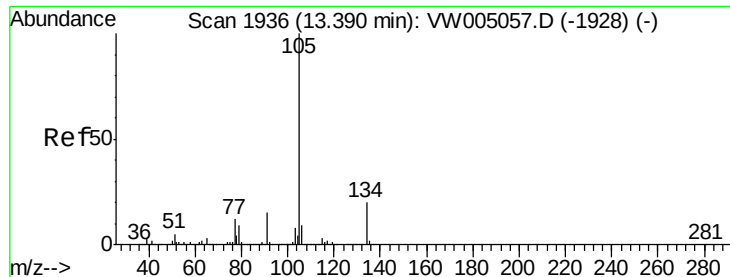
Tgt Ion	Ratio	Lower	Upper
119	100		
91	63.2	31.8	95.4
134	26.3	13.0	39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 21.128 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW005064.D
 Acq: 01 Sep 2018 04:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.1	69.3

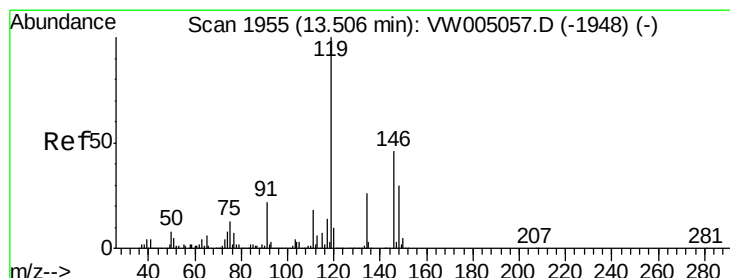
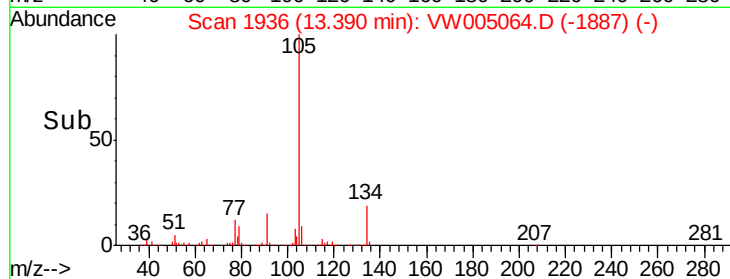
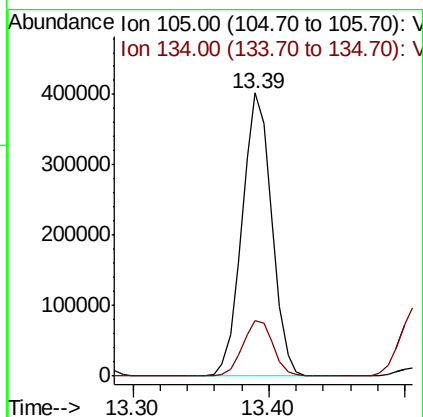
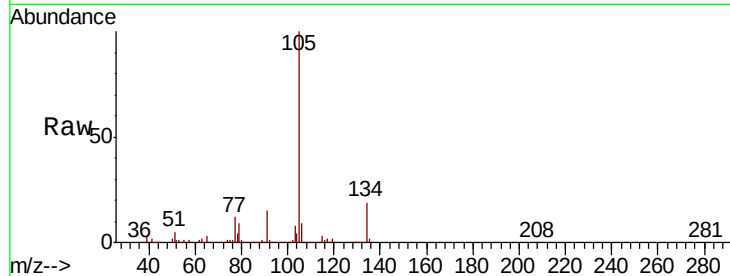




#85
 sec-Butylbenzene
 Concen: 21.242 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW005064.D
 Acq: 01 Sep 2018 04:52

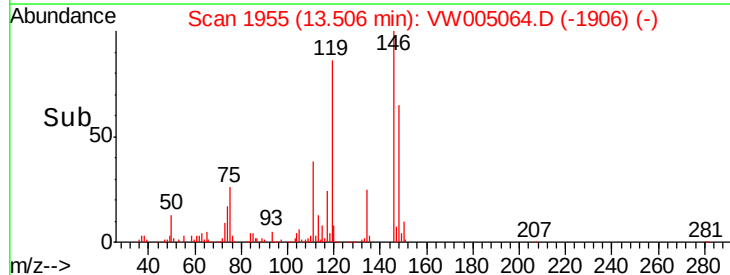
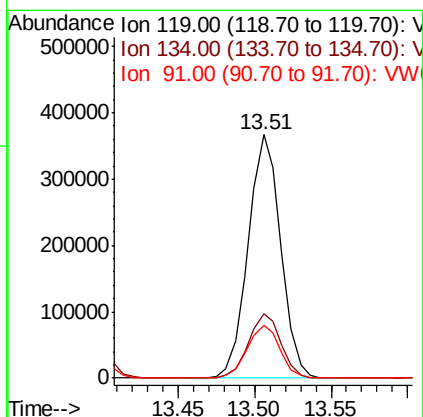
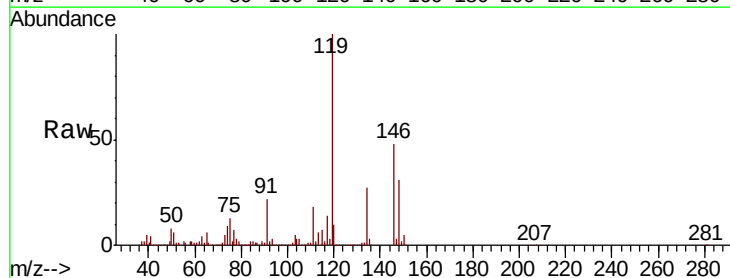
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBSD01

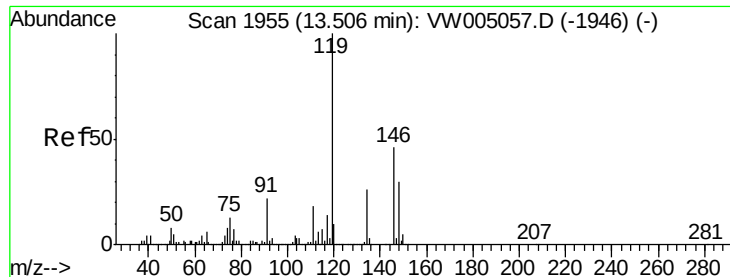
Tgt Ion:105 Resp: 611867
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 21.206 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW005064.D
 Acq: 01 Sep 2018 04:52

Tgt Ion:119 Resp: 540717
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 21.7 10.9 32.9

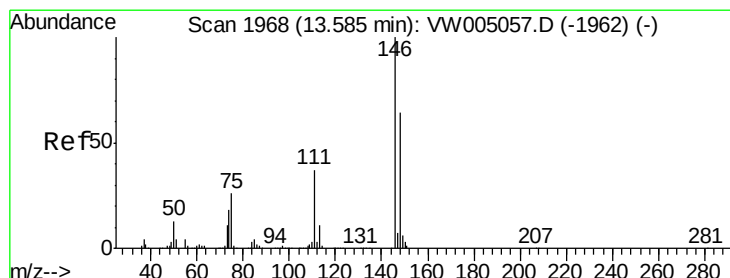
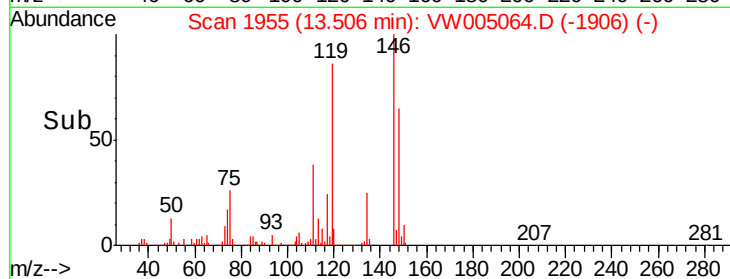
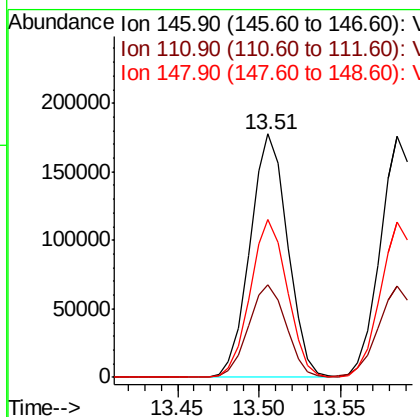
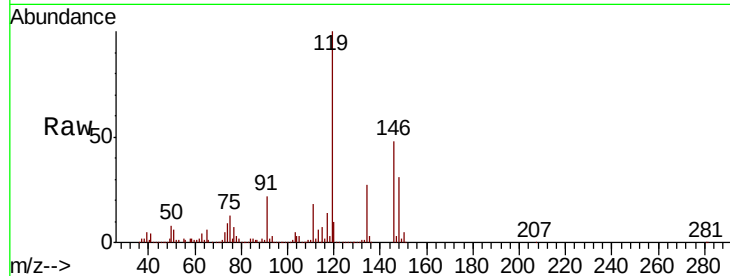




#87
 1,3-Dichlorobenzene
 Concen: 20.738 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW005064.D
 Acq: 01 Sep 2018 04:52

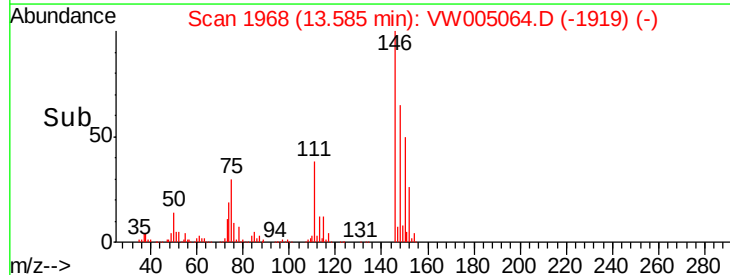
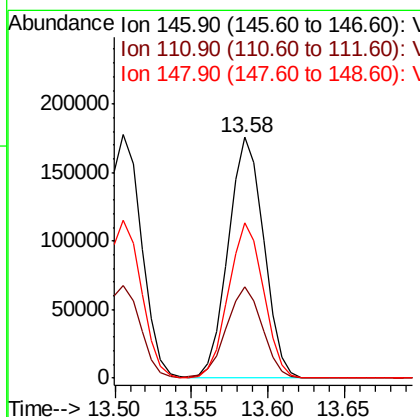
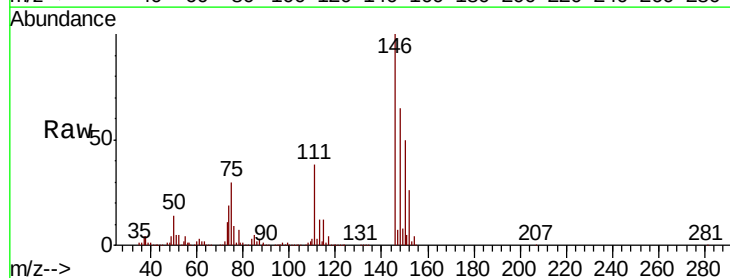
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBSD01

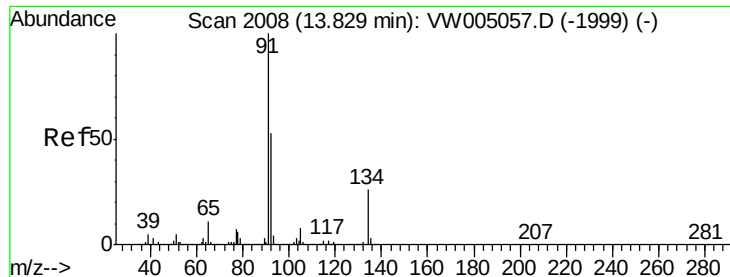
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.2	57.6
148	64.1	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 20.706 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW005064.D
 Acq: 01 Sep 2018 04:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.6	56.0
148	63.9	32.0	96.0

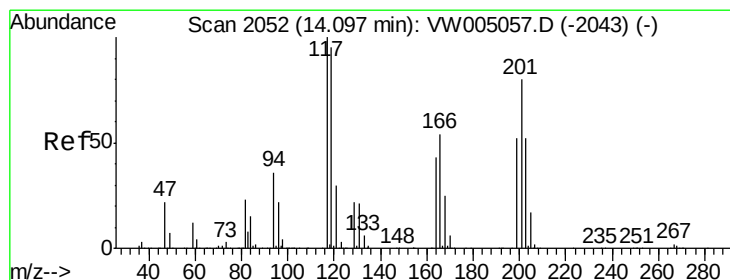
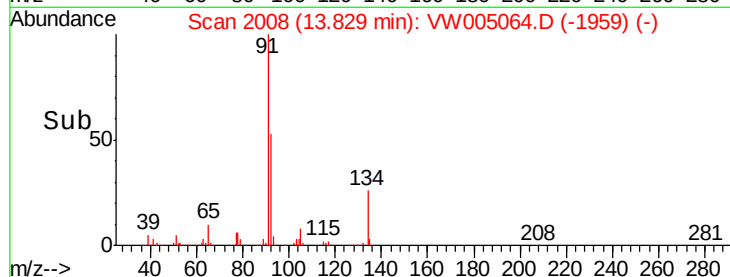
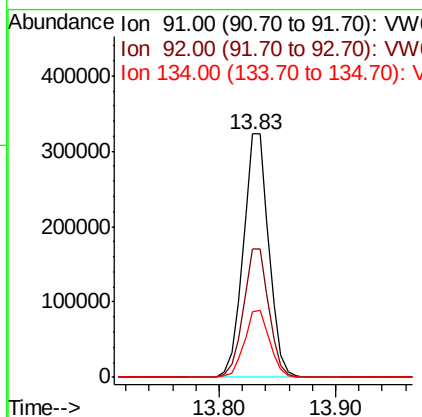
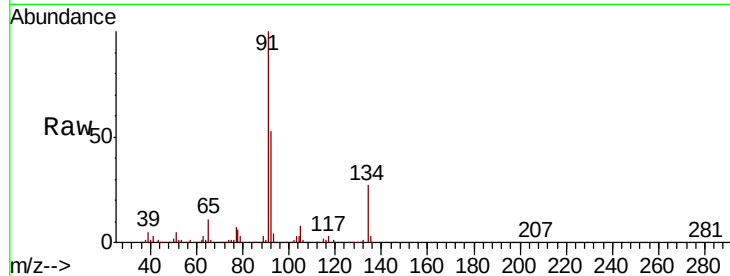




#89
n-Butylbenzene
Concen: 20.799 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VW005064.D
Acq: 01 Sep 2018 04:52

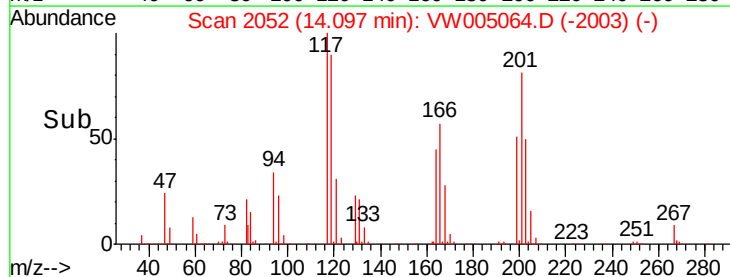
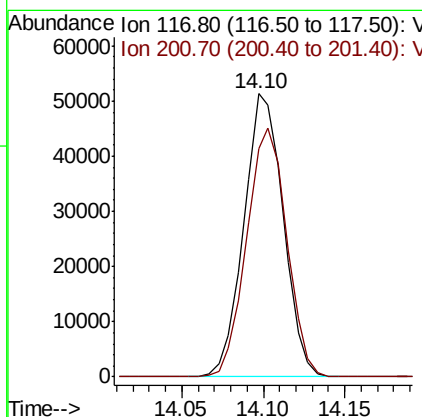
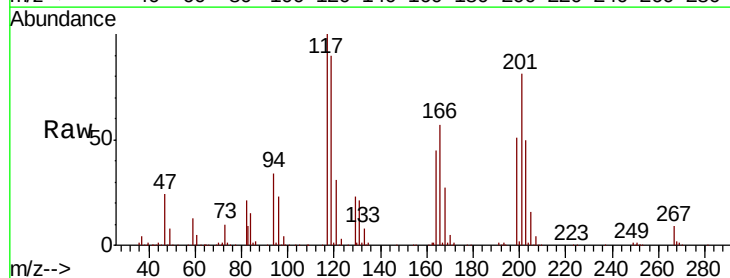
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBSD01

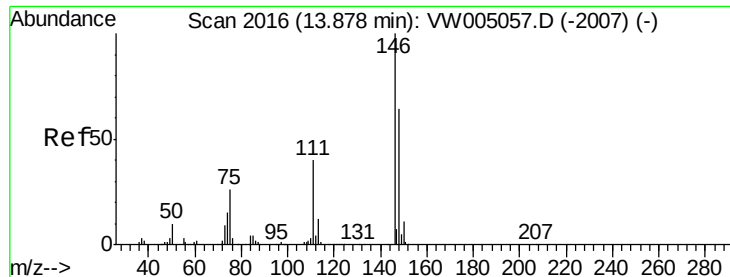
Tgt Ion: 91 Resp: 491480
Ion Ratio Lower Upper
91 100
92 52.7 26.5 79.5
134 27.2 13.5 40.4



#90
Hexachloroethane
Concen: 20.445 ug/l
RT: 14.10 min Scan# 2052
Delta R.T. -0.00 min
Lab File: VW005064.D
Acq: 01 Sep 2018 04:52

Tgt Ion: 117 Resp: 86592
Ion Ratio Lower Upper
117 100
201 89.2 44.6 133.8





#91

1,2-Dichlorobenzene

Concen: 20.874 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. -0.00 min

Lab File: VW005064.D

Acq: 01 Sep 2018 04:52

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBSD01

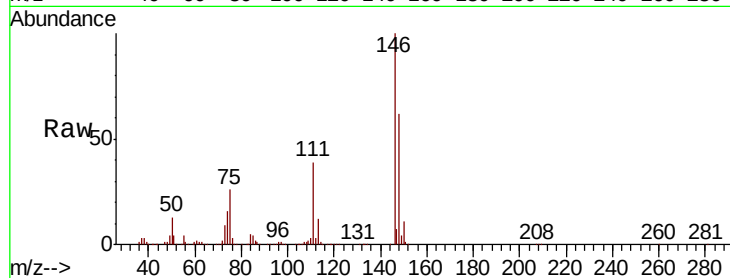
Tgt Ion:146 Resp: 249925

Ion Ratio Lower Upper

146 100

111 39.7 19.9 59.7

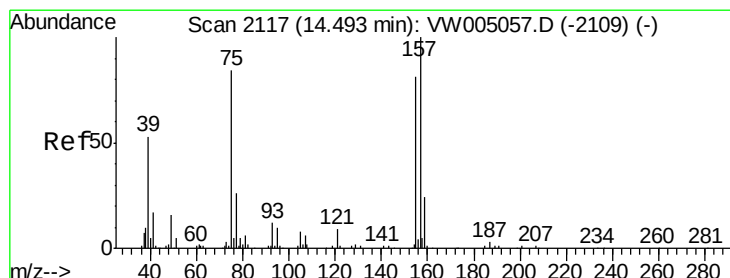
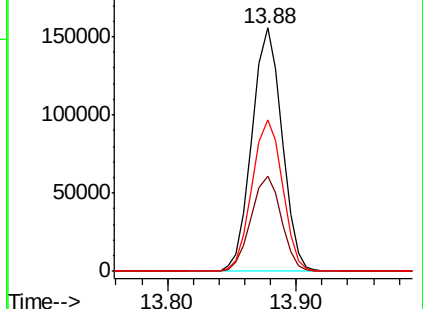
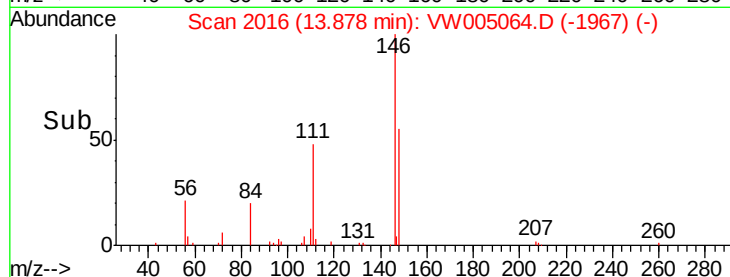
148 63.1 31.9 95.9



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: 20.717 ug/l

RT: 14.49 min Scan# 2116

Delta R.T. -0.01 min

Lab File: VW005064.D

Acq: 01 Sep 2018 04:52

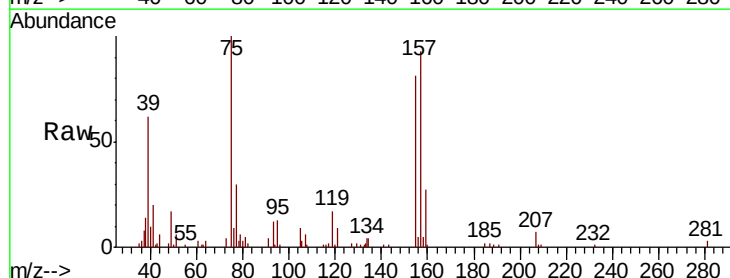
Tgt Ion: 75 Resp: 13376

Ion Ratio Lower Upper

75 100

155 92.0 46.0 137.8

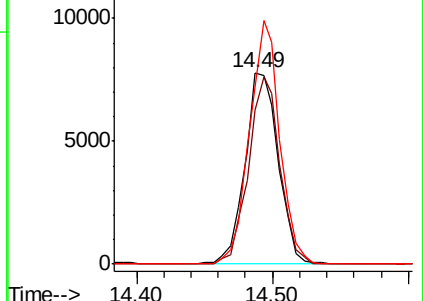
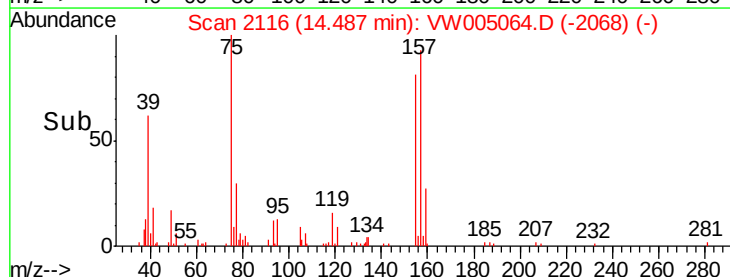
157 115.3 58.6 175.7

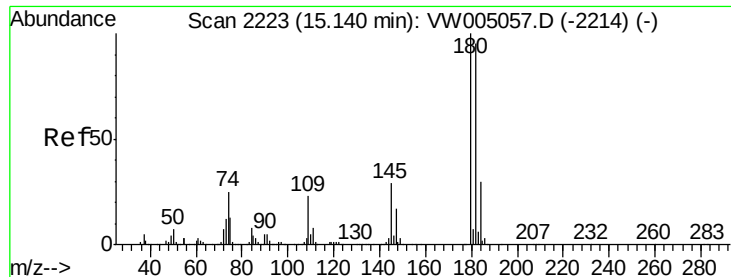


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

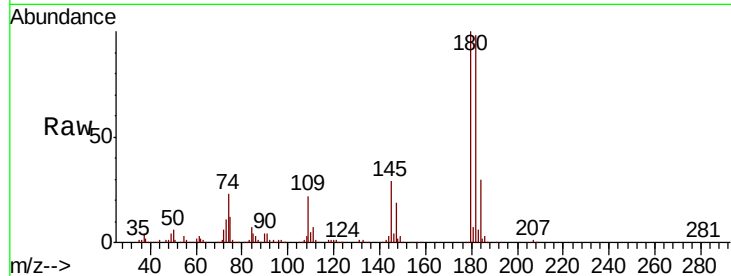




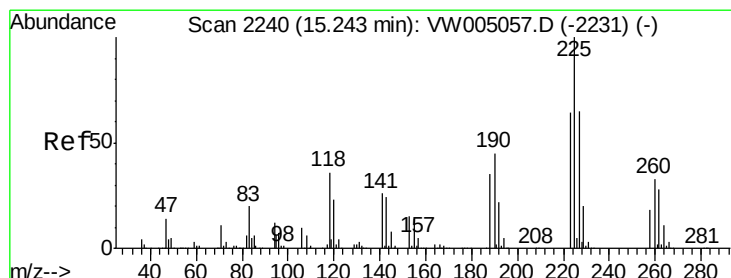
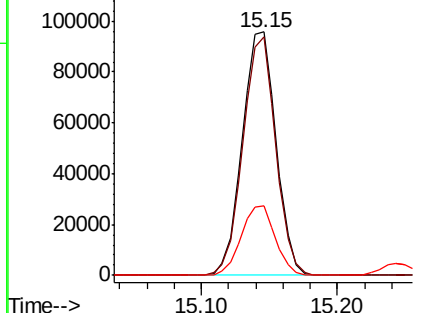
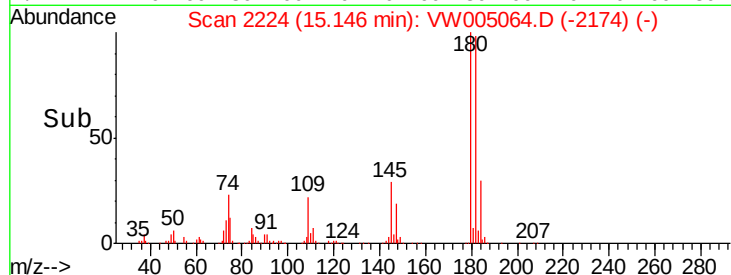
#93
 1,2,4-Trichlorobenzene
 Concen: 20.740 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.01 min
 Lab File: VW005064.D
 Acq: 01 Sep 2018 04:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBSD01

Tgt Ion:180 Resp: 166503
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.5 142.6
 145 28.7 14.4 43.2

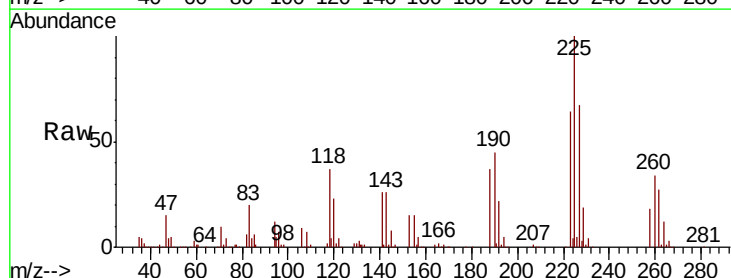


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

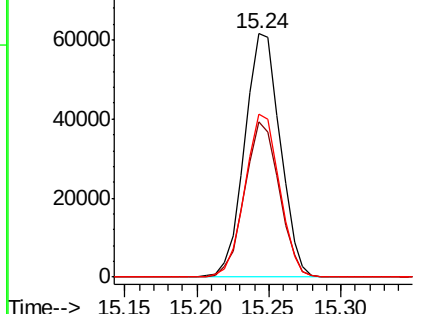
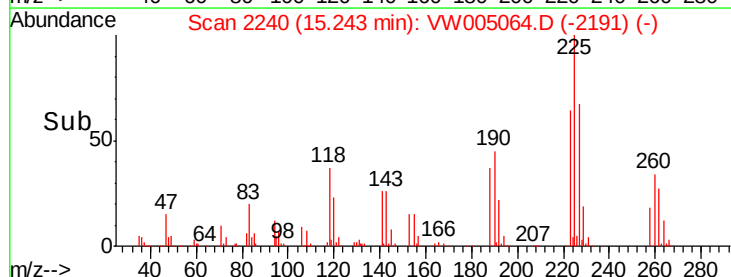


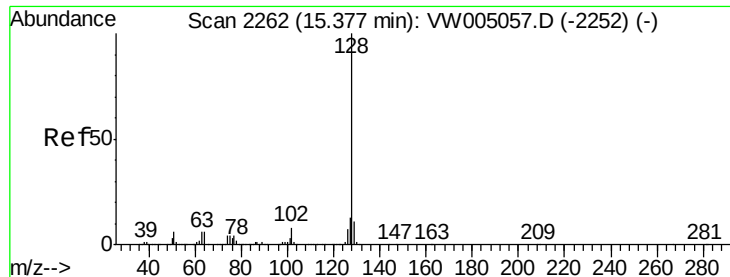
#94
 Hexachlorobutadiene
 Concen: 20.958 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VW005064.D
 Acq: 01 Sep 2018 04:52

Tgt Ion:225 Resp: 104643
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.4 94.3
 227 65.2 32.0 96.0



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

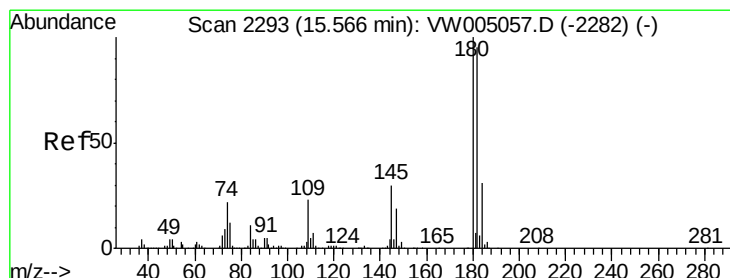
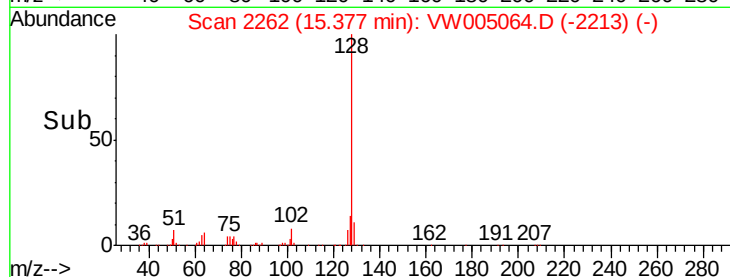
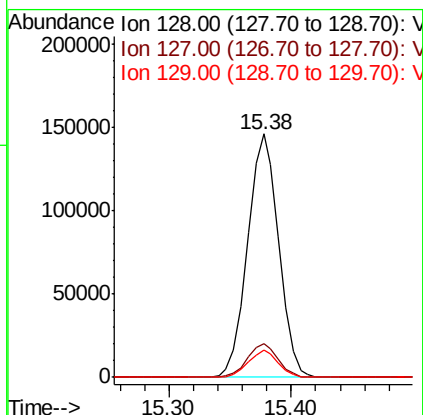
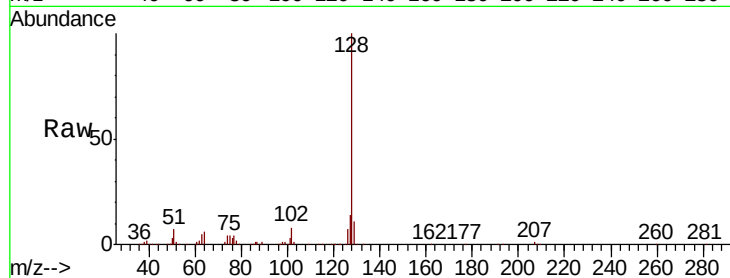




#95
Naphthalene
Concen: 21.055 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW005064.D
Acq: 01 Sep 2018 04:52

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBSD01

Tgt Ion:128 Resp: 257468
Ion Ratio Lower Upper
128 100
127 13.7 10.4 15.6
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.572 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW005064.D
Acq: 01 Sep 2018 04:52

Tgt Ion:180 Resp: 141341
Ion Ratio Lower Upper
180 100
182 95.3 47.4 142.3
145 30.2 15.4 46.1

