

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090118\
 Data File : VW005063.D
 Acq On : 01 Sep 2018 04:27
 Operator : SY/AP
 Sample : VW0901SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS01

Quant Time: Sep 01 07:31:38 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	531235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	792797	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	773346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	417149	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	233338	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	
35) Dibromofluoromethane	7.89	113	240482	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
50) Toluene-d8	10.33	98	1100592	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
62) 4-Bromofluorobenzene	12.62	95	393077	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.00	85	88241	20.613	ug/l	97
3) Chloromethane	2.21	50	122192	19.670	ug/l	100
4) Vinyl Chloride	2.36	62	120889	20.011	ug/l	100
5) Bromomethane	2.76	94	87568	20.958	ug/l	99
6) Chloroethane	2.92	64	74373	19.779	ug/l	99
7) Trichlorofluoromethane	3.26	101	136087	20.026	ug/l	98
8) Diethyl Ether	3.68	74	49768	20.241	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.07	101	95601	20.481	ug/l	99
10) Methyl Iodide	4.28	142	122108	19.987	ug/l	99
11) Tert butyl alcohol	5.18	59	34027	132.209	ug/l #	94
12) 1,1-Dichloroethene	4.04	96	88202	20.533	ug/l	95
13) Acrolein	3.90	56	28822	100.835	ug/l	97
14) Allyl chloride	4.67	41	134468	20.025	ug/l	100
15) Acrylonitrile	5.37	53	100611	97.013	ug/l	99
16) Acetone	4.14	43	84599	95.792	ug/l	97
17) Carbon Disulfide	4.38	76	292317	19.529	ug/l	99
18) Methyl Acetate	4.68	43	55222	21.256	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	219665	21.059	ug/l	100
20) Methylene Chloride	4.92	84	138654	20.981	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	107723	20.583	ug/l	99
22) Diisopropyl ether	6.32	45	298899	21.154	ug/l	98
23) Vinyl Acetate	6.26	43	760875	102.517	ug/l	99
24) 1,1-Dichloroethane	6.23	63	180283	20.413	ug/l	99
25) 2-Butanone	7.18	43	147089	96.023	ug/l	96
26) 2,2-Dichloropropane	7.18	77	140550	19.365	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	117540	20.530	ug/l	99
28) Bromochloromethane	7.52	49	71510	20.116	ug/l	99
29) Tetrahydrofuran	7.54	42	75812	96.860	ug/l	99
30) Chloroform	7.68	83	183809	20.391	ug/l	99
31) Cyclohexane	7.96	56	176554	20.413	ug/l	94
32) 1,1,1-Trichloroethane	7.88	97	163653	20.845	ug/l	98
36) 1,1-Dichloropropene	8.09	75	156385	20.712	ug/l	98
37) Ethyl Acetate	7.26	43	54655	19.356	ug/l	99
38) Carbon Tetrachloride	8.07	117	146013	20.338	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	177838	19.476	ug/l	98
40) Benzene	8.33	78	459299	19.870	ug/l	99
41) Methacrylonitrile	7.49	41	35322	21.589	ug/l	96
42) 1,2-Dichloroethane	8.41	62	110950	19.613	ug/l	100
43) Isopropyl Acetate	8.43	43	96854	18.849	ug/l	99
44) Trichloroethene	9.10	130	126062	20.213	ug/l	98
45) 1,2-Dichloropropane	9.37	63	113240	20.054	ug/l	99
46) Dibromomethane	9.46	93	53090	19.662	ug/l	99
47) Bromodichloromethane	9.65	83	139349	20.496	ug/l	98
48) Methyl methacrylate	9.44	41	45839	18.527	ug/l	99
49) 1,4-Dioxane	9.46	88	16003	366.488	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	318214	92.405	ug/l	100
52) Toluene	10.40	92	312741	19.968	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	130668	19.559	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	164705	20.272	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	82827	19.812	ug/l	98
56) Ethyl methacrylate	10.65	69	89500	18.765	ug/l	100
57) 1,3-Dichloropropane	10.94	76	137613	19.994	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	223989	99.108	ug/l	99
59) 2-Hexanone	10.98	43	209638	90.005	ug/l	99
60) Dibromochloromethane	11.13	129	92545	19.581	ug/l	99
61) 1,2-Dibromoethane	11.24	107	73441	19.458	ug/l	99
64) Tetrachloroethene	10.87	164	117846	19.422	ug/l	98
65) Chlorobenzene	11.66	112	342673	19.683	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	105498	19.830	ug/l	99
67) Ethyl Benzene	11.74	91	582431	19.789	ug/l	100
68) m/p-Xylenes	11.85	106	475661	40.363	ug/l	100
69) o-Xylene	12.17	106	218218	20.028	ug/l	100
70) Styrene	12.19	104	362498	20.141	ug/l	100
71) Bromoform	12.35	173	53654	19.028	ug/l #	97
73) Isopropylbenzene	12.47	105	587529	19.975	ug/l	100
74) N-amyl acetate	12.28	43	88703	17.514	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	84930	18.967	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	108773	34.738	ug/l #	100
77) Bromobenzene	12.76	156	142862	19.712	ug/l	100
78) n-propylbenzene	12.81	91	710643	20.014	ug/l	100
79) 2-Chlorotoluene	12.90	91	409050	19.746	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	510869	20.084	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	23208	17.839	ug/l	99
82) 4-Chlorotoluene	12.99	91	440438	20.134	ug/l	100
83) tert-Butylbenzene	13.21	119	423209	19.923	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	518206	20.004	ug/l	99
85) sec-Butylbenzene	13.39	105	619150	19.834	ug/l	100
86) p-Isopropyltoluene	13.51	119	553104	20.016	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	292713	19.662	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	287842	19.491	ug/l	99
89) n-Butylbenzene	13.83	91	499115	19.489	ug/l	100
90) Hexachloroethane	14.10	117	89026	19.395	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	256990	19.805	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	12345	17.643	ug/l	98

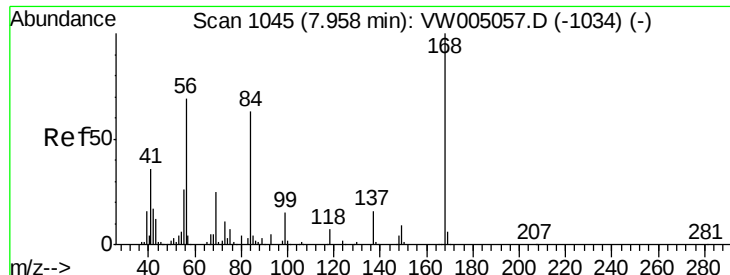
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	165280	18.997	ug/l	99
94) Hexachlorobutadiene	15.24	225	105563	19.508	ug/l	100
95) Naphthalene	15.38	128	244768	18.958	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	138652	18.621	ug/l	100

(#) = 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: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

ClientSampleId :

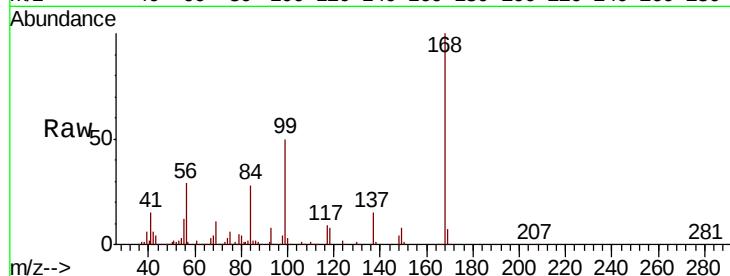
VW0901SBS01

Tgt Ion:168 Resp: 531235

Ion Ratio Lower Upper

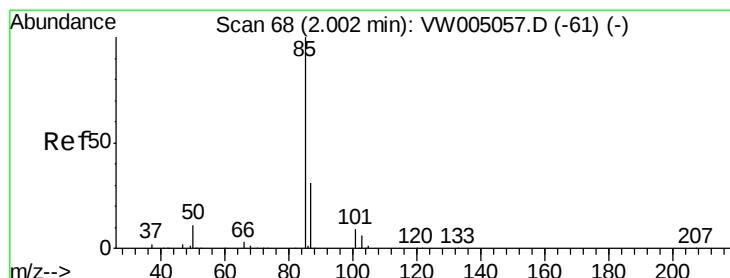
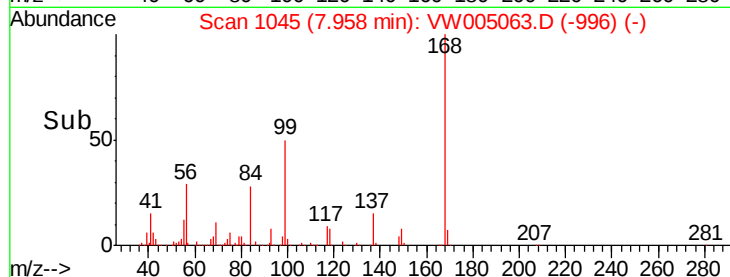
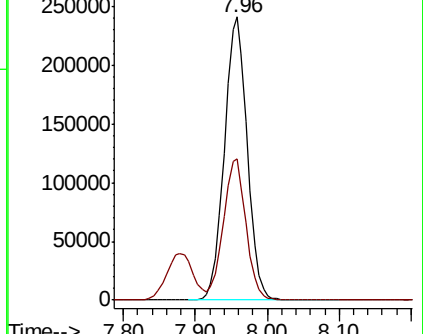
168 100

99 50.0 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 20.613 ug/l

RT: 2.00 min Scan# 67

Delta R.T. -0.01 min

Lab File: VW005063.D

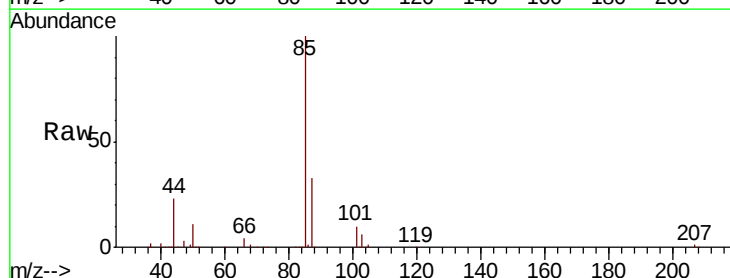
Acq: 01 Sep 2018 04:27

Tgt Ion: 85 Resp: 88241

Ion Ratio Lower Upper

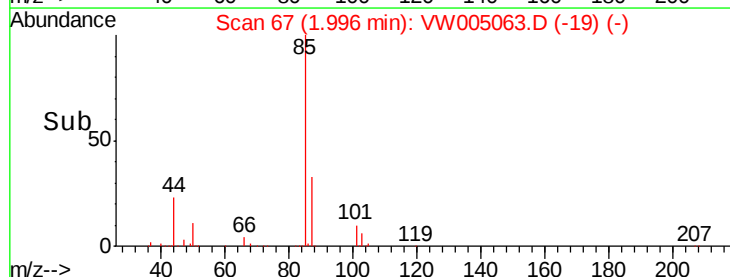
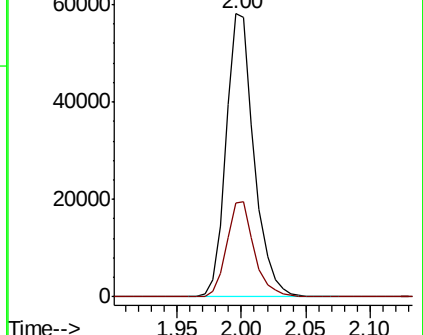
85 100

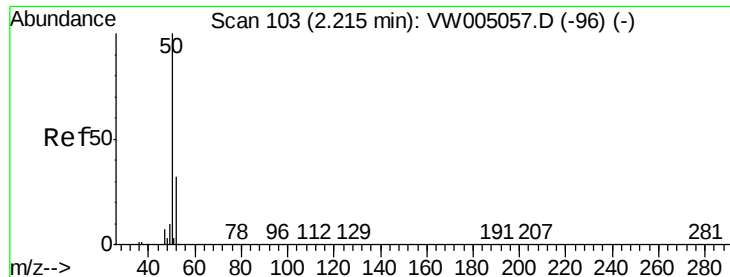
87 33.4 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 19.670 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.01 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

ClientSampleId :

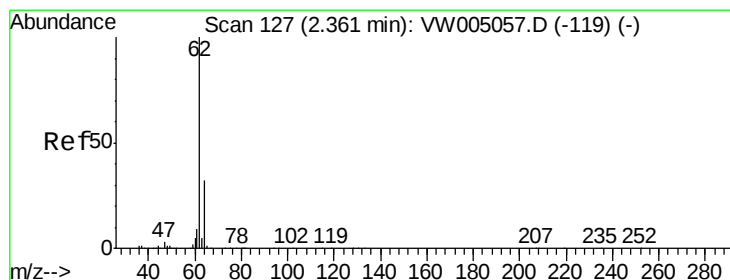
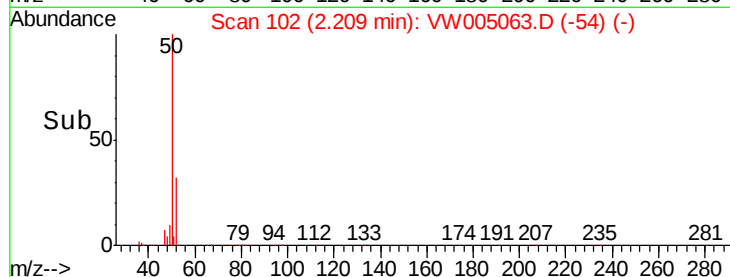
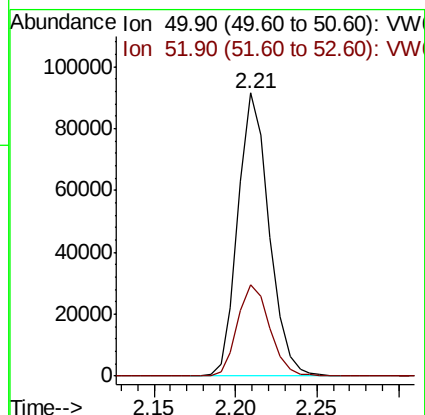
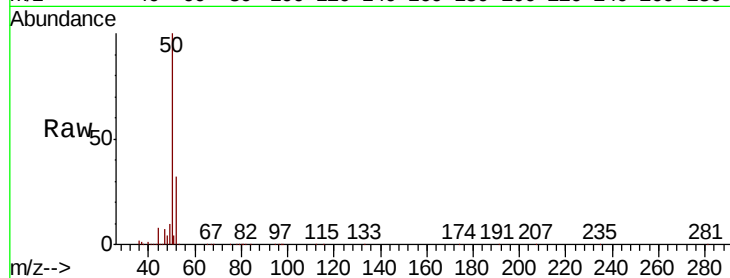
VW0901SBS01

Tgt Ion: 50 Resp: 122192

Ion Ratio Lower Upper

50 100

52 32.5 25.8 38.6



#4

Vinyl Chloride

Concen: 20.011 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.01 min

Lab File: VW005063.D

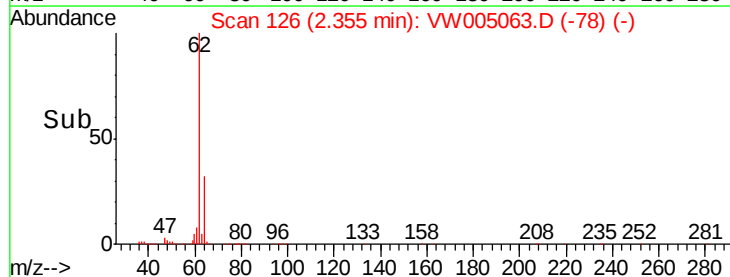
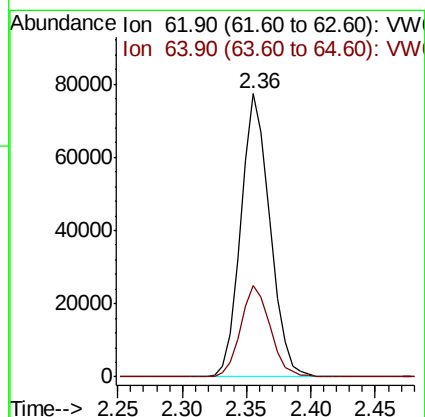
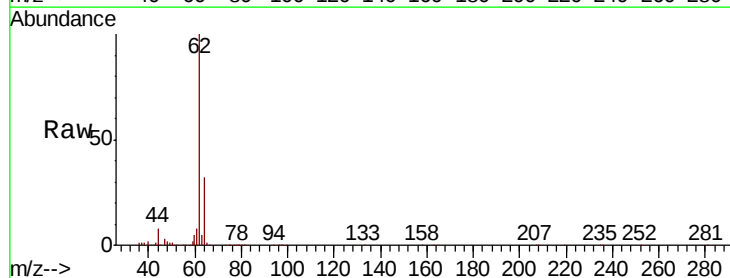
Acq: 01 Sep 2018 04:27

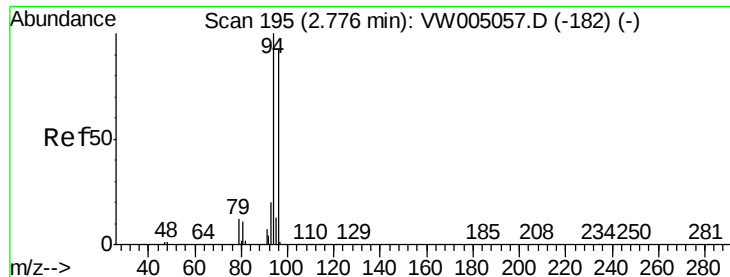
Tgt Ion: 62 Resp: 120889

Ion Ratio Lower Upper

62 100

64 31.9 25.6 38.4





#5

Bromomethane

Concen: 20.958 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

ClientSampleId :

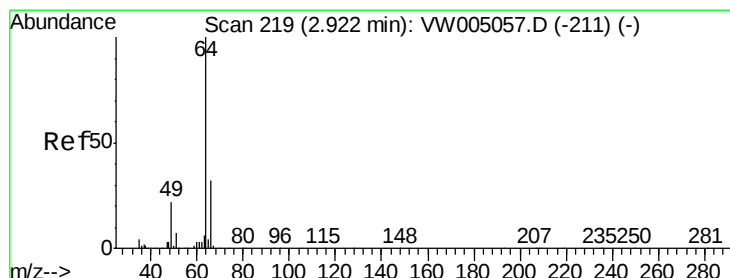
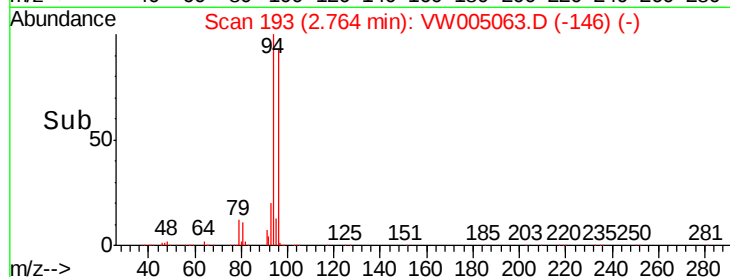
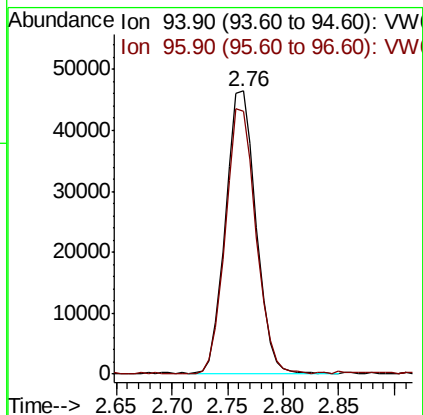
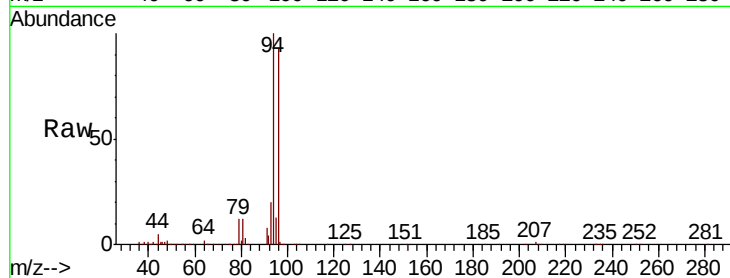
VW0901SBS01

Tgt Ion: 94 Resp: 87568

Ion Ratio Lower Upper

94 100

96 92.7 73.2 109.8



#6

Chloroethane

Concen: 19.779 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW005063.D

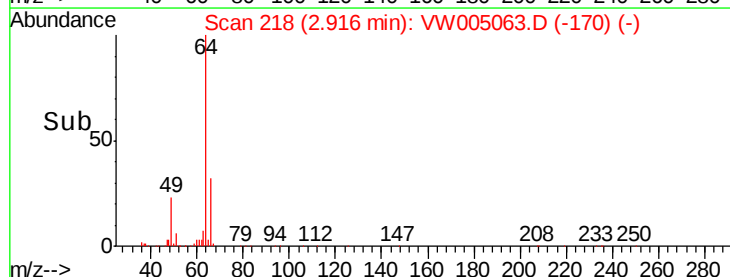
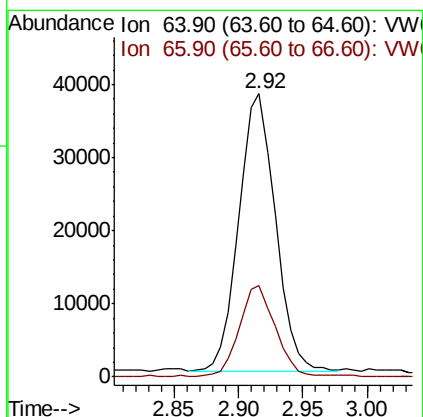
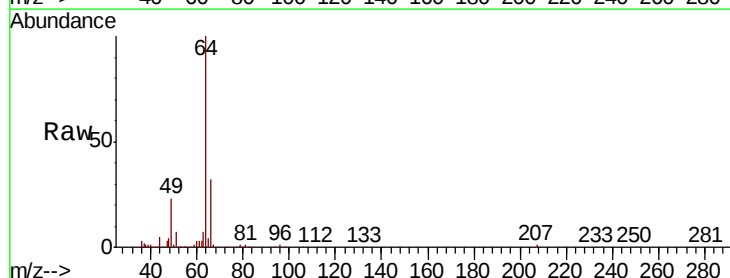
Acq: 01 Sep 2018 04:27

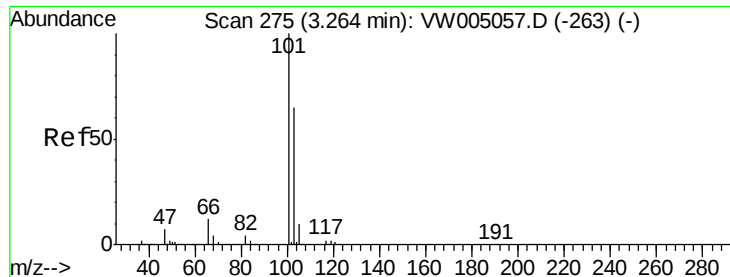
Tgt Ion: 64 Resp: 74373

Ion Ratio Lower Upper

64 100

66 32.6 25.7 38.5



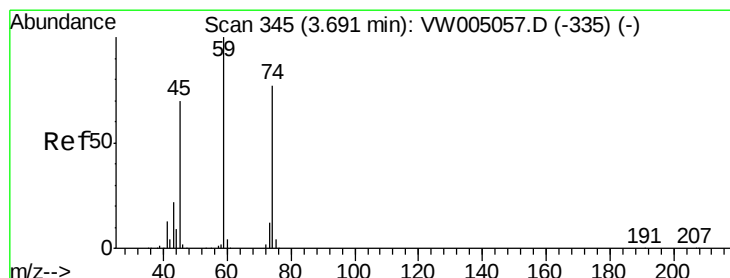
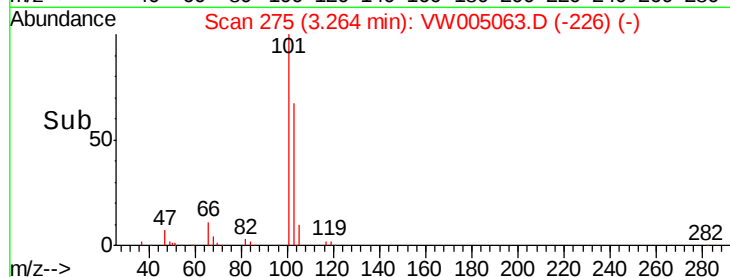
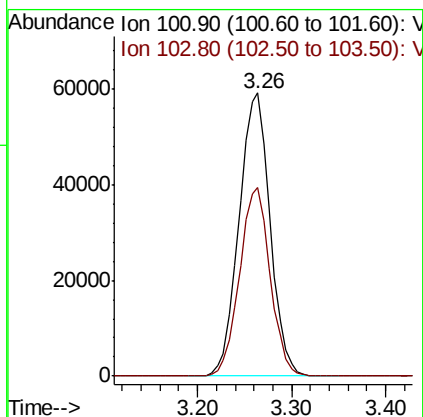
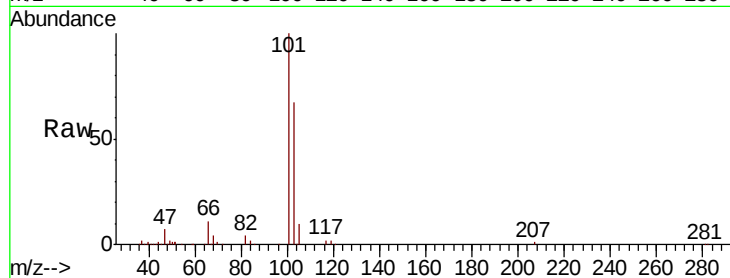


#7

Trichlorofluoromethane
 Concen: 20.026 ug/l
 RT: 3.26 min Scan# 275
 Delta R.T. 0.00 min
 Lab File: VW005063.D
 Acq: 01 Sep 2018 04:27

Instrument :
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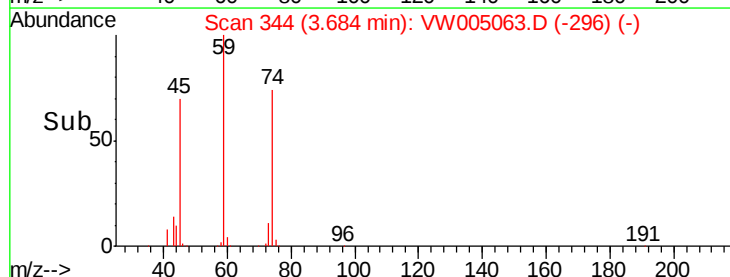
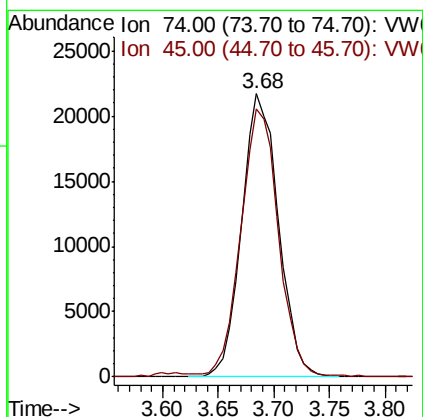
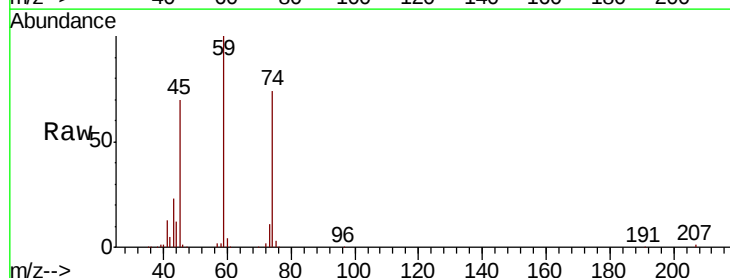
Tgt Ion: 101 Resp: 136087
 Ion Ratio Lower Upper
 101 100
 103 66.7 51.9 77.9

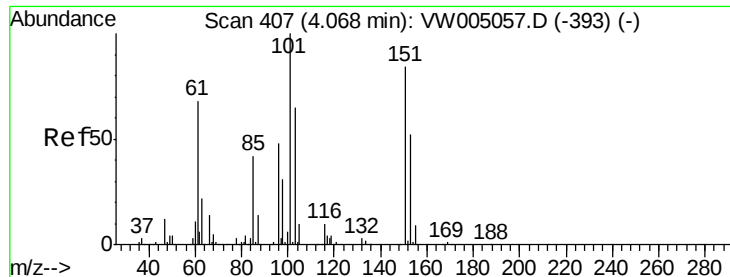


#8

Diethyl Ether
 Concen: 20.241 ug/l
 RT: 3.68 min Scan# 344
 Delta R.T. -0.01 min
 Lab File: VW005063.D
 Acq: 01 Sep 2018 04:27

Tgt Ion: 74 Resp: 49768
 Ion Ratio Lower Upper
 74 100
 45 97.6 46.0 137.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.481 ug/l

RT: 4.07 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS01

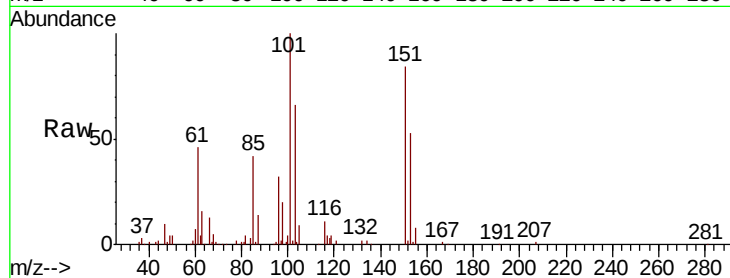
Tgt Ion:101 Resp: 95601

Ion Ratio Lower Upper

101 100

85 41.8 33.0 49.6

151 83.3 67.0 100.6

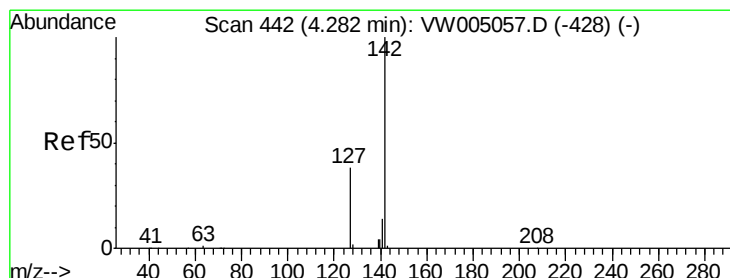
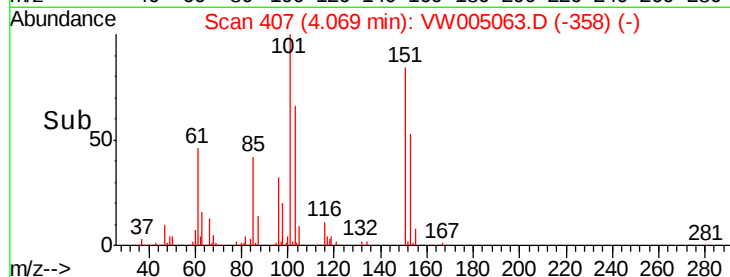
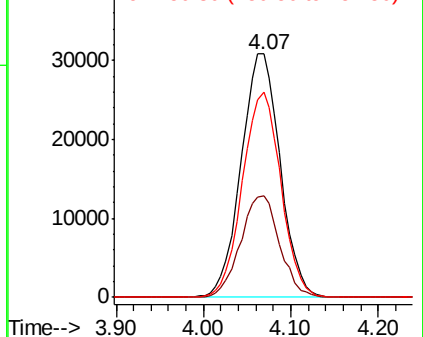


Abundance

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: 19.987 ug/l

RT: 4.28 min Scan# 441

Delta R.T. -0.01 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

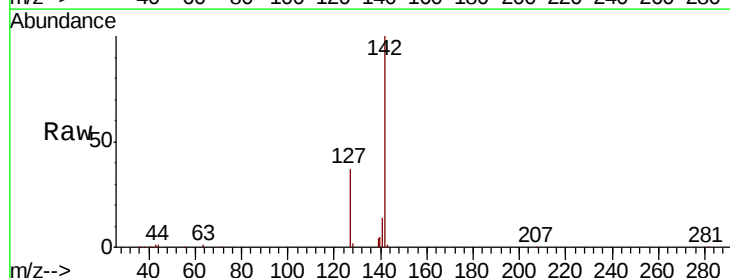
Tgt Ion:142 Resp: 122108

Ion Ratio Lower Upper

142 100

127 38.1 30.8 46.2

141 14.2 11.6 17.4

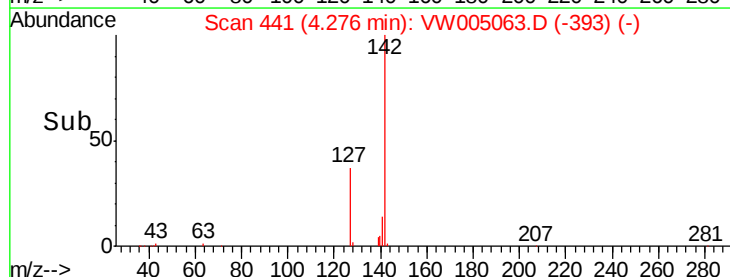
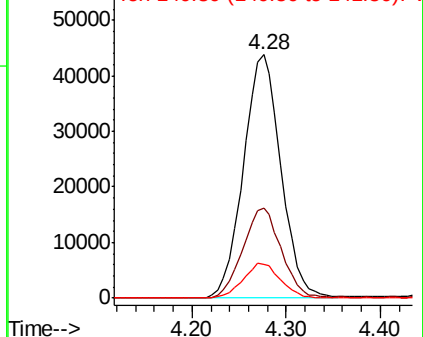


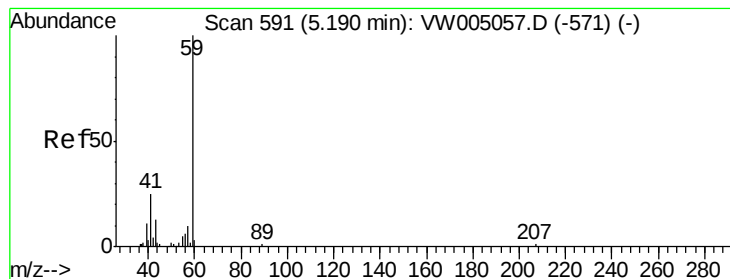
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



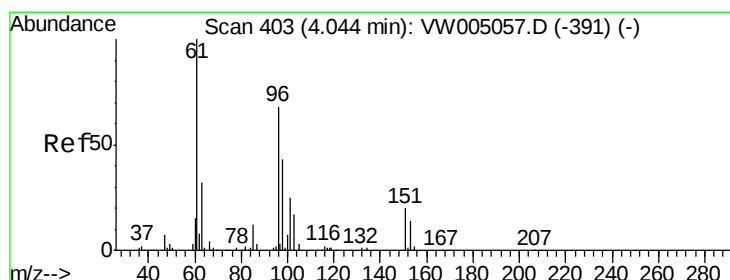
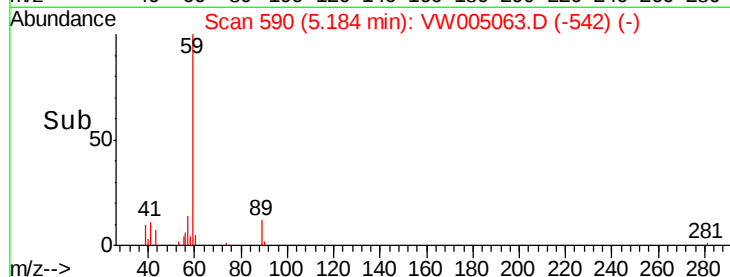
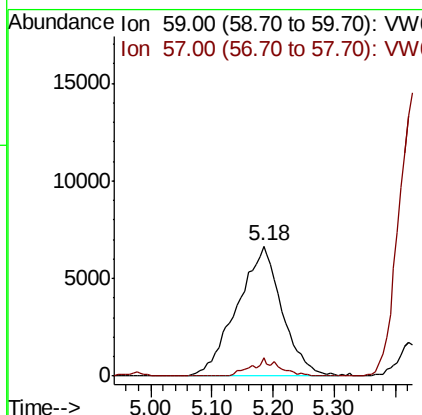
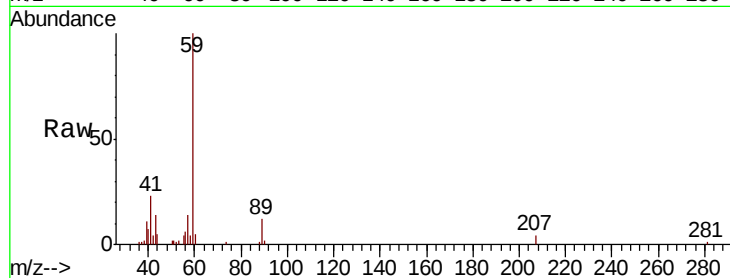


#11

Tert butyl alcohol
 Concen: 132.209 ug/l
 RT: 5.18 min Scan# 590
 Delta R.T. -0.01 min
 Lab File: VW005063.D
 Acq: 01 Sep 2018 04:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS01

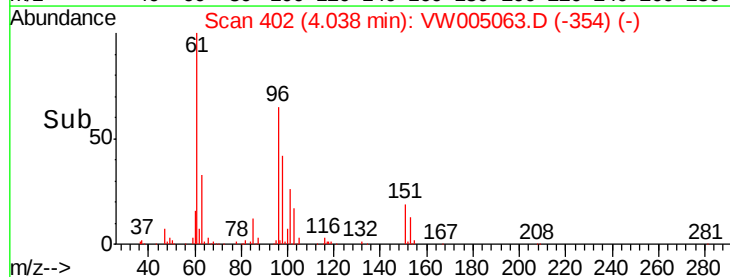
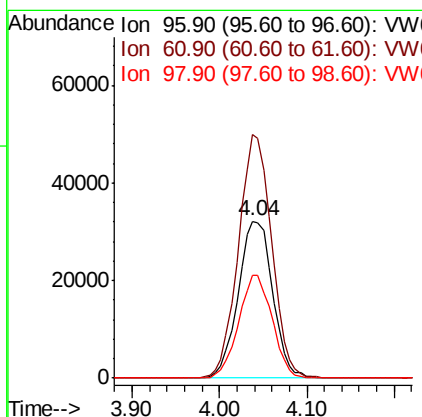
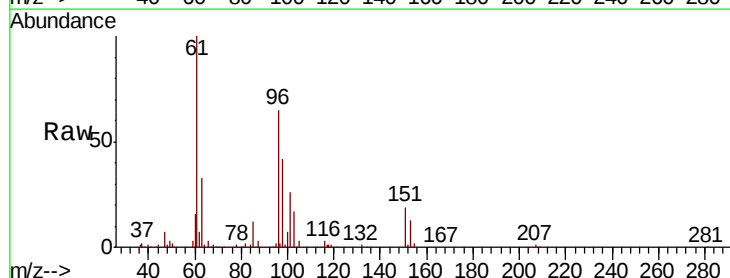
Tgt Ion: 59 Resp: 34027
 Ion Ratio Lower Upper
 59 100
 57 8.4 8.6 12.8#

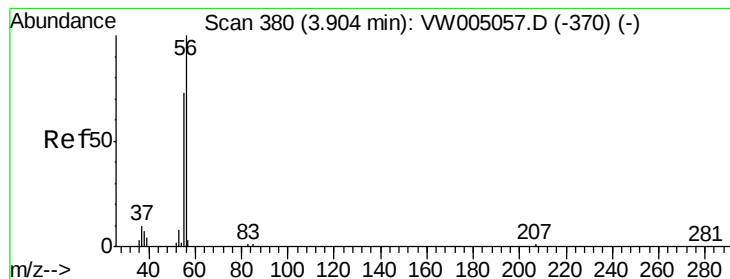


#12

1,1-Dichloroethene
 Concen: 20.533 ug/l
 RT: 4.04 min Scan# 402
 Delta R.T. -0.01 min
 Lab File: VW005063.D
 Acq: 01 Sep 2018 04:27

Tgt Ion: 96 Resp: 88202
 Ion Ratio Lower Upper
 96 100
 61 154.9 117.4 176.0
 98 65.7 51.0 76.4





#13

Acrolein

Concen: 100.835 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

ClientSampleId :

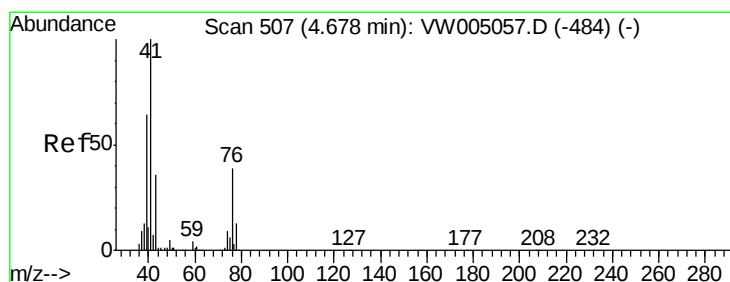
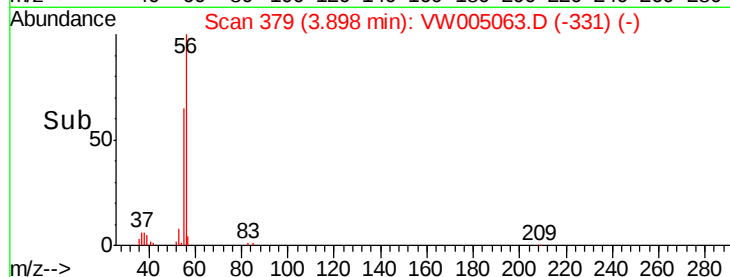
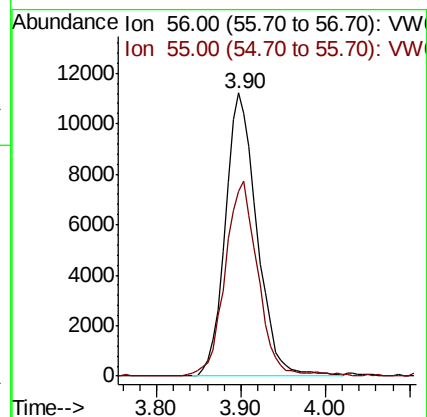
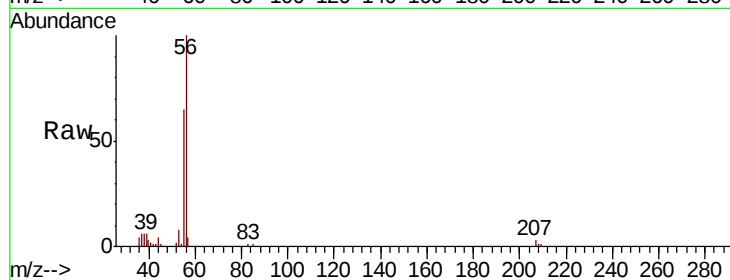
VW0901SBS01

Tgt Ion: 56 Resp: 28822

Ion Ratio Lower Upper

56 100

55 70.4 58.1 87.1



#14

Allyl chloride

Concen: 20.025 ug/l

RT: 4.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

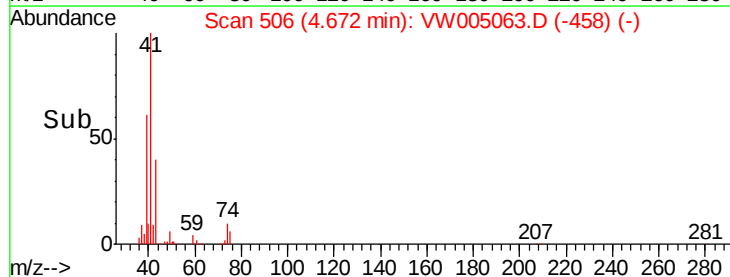
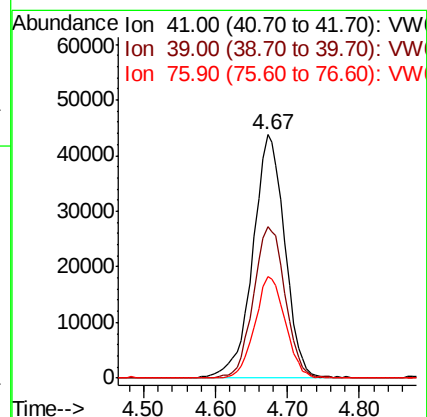
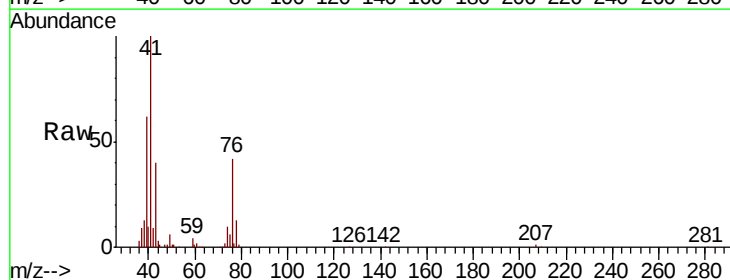
Tgt Ion: 41 Resp: 134468

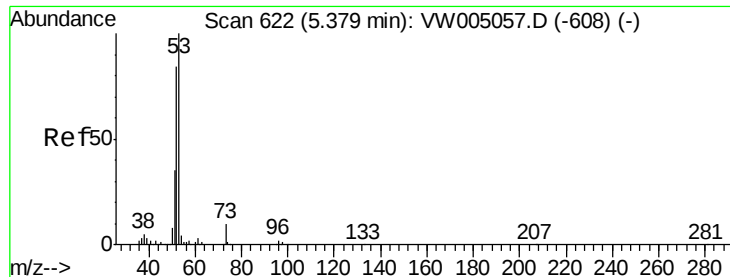
Ion Ratio Lower Upper

41 100

39 62.3 49.4 74.2

76 39.9 31.8 47.6

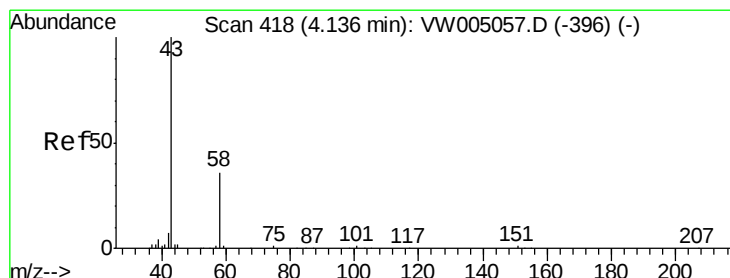
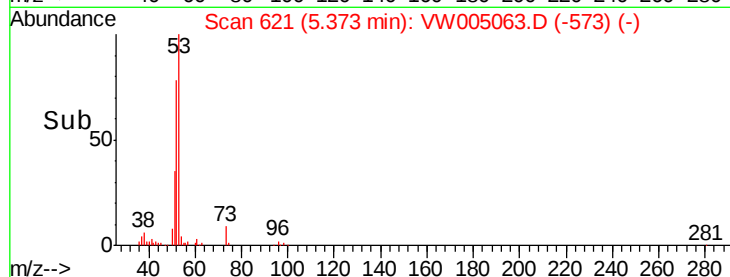
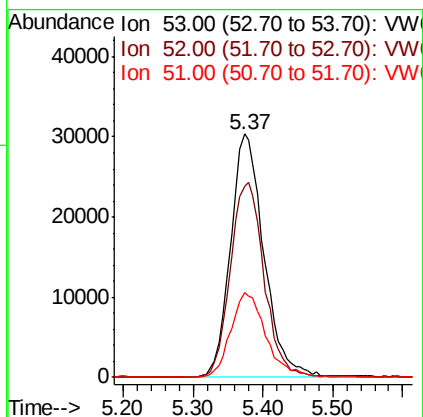
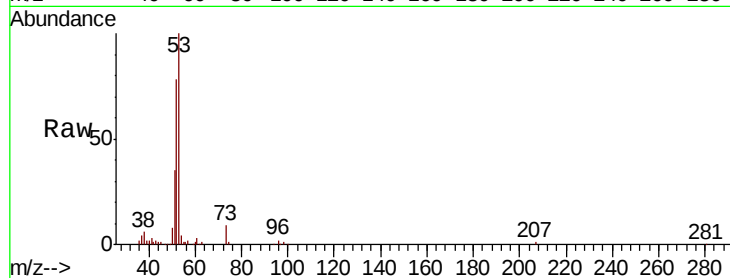




#15
 Acrylonitrile
 Concen: 97.013 ug/l
 RT: 5.37 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: VW005063.D
 Acq: 01 Sep 2018 04:27

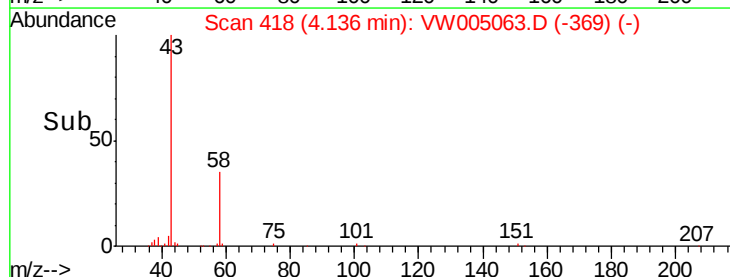
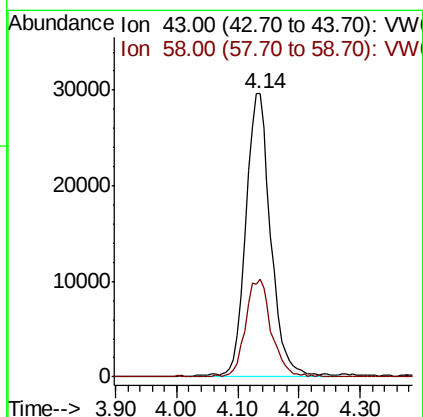
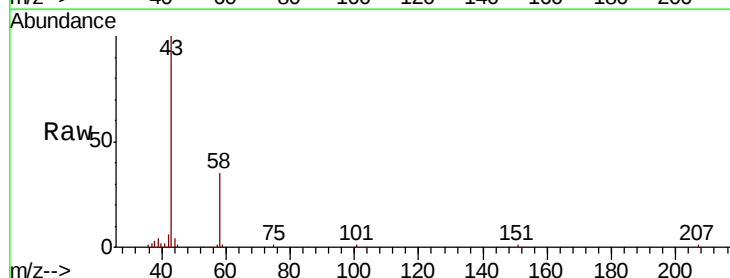
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS01

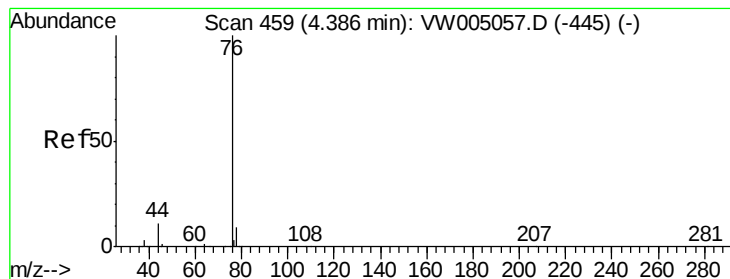
Tgt Ion	Ratio	Lower	Upper
53	100		
52	81.2	65.7	98.5
51	36.6	28.8	43.2



#16
 Acetone
 Concen: 95.792 ug/l
 RT: 4.14 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: VW005063.D
 Acq: 01 Sep 2018 04:27

Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.6	29.0	43.6





#17

Carbon Disulfide

Concen: 19.529 ug/l

RT: 4.38 min Scan# 458

Delta R.T. -0.01 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

ClientSampleId :

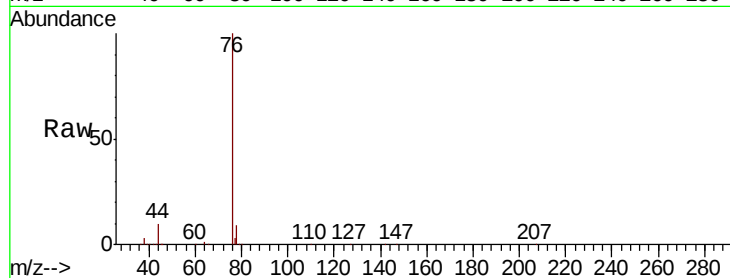
VW0901SBS01

Tgt Ion: 76 Resp: 292317

Ion Ratio Lower Upper

76 100

78 9.5 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

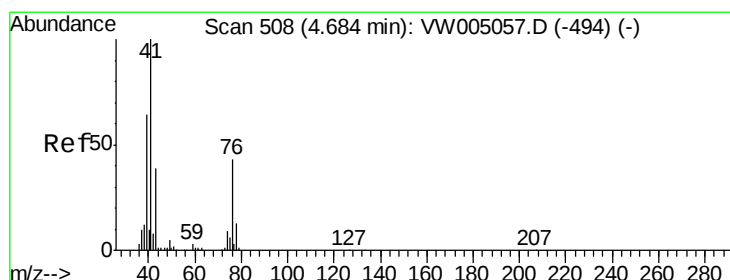
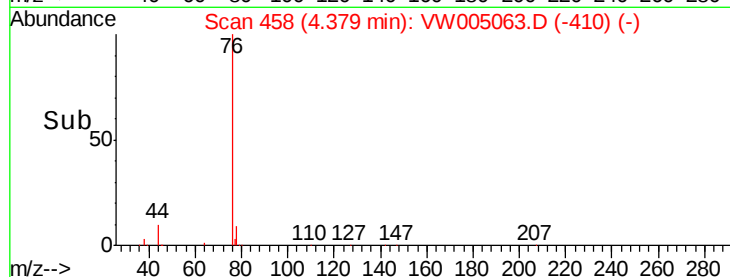
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 21.256 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW005063.D

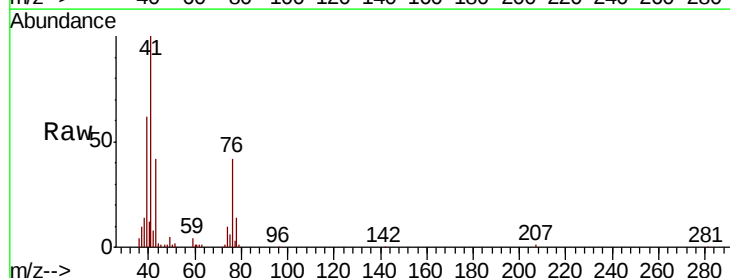
Acq: 01 Sep 2018 04:27

Tgt Ion: 43 Resp: 55222

Ion Ratio Lower Upper

43 100

74 25.4 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

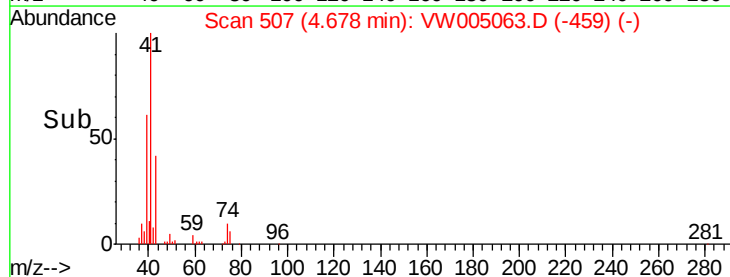
15000

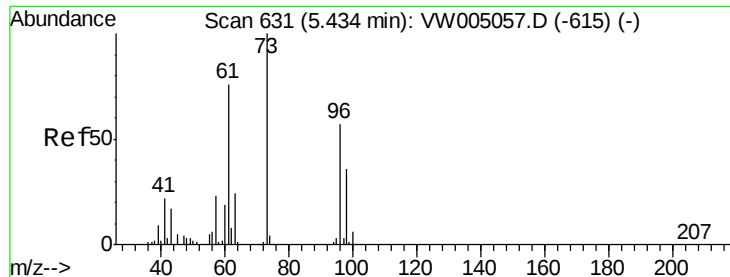
10000

5000

0

Time-->

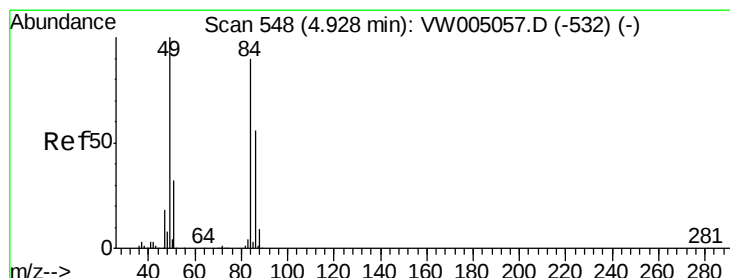
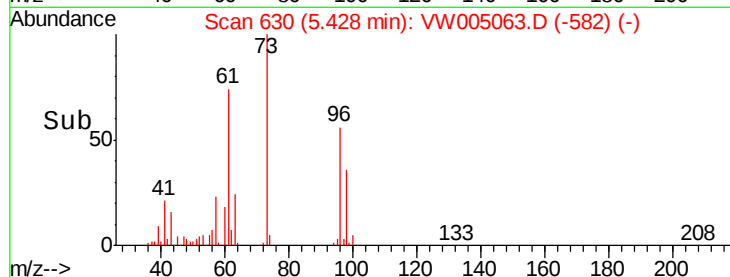
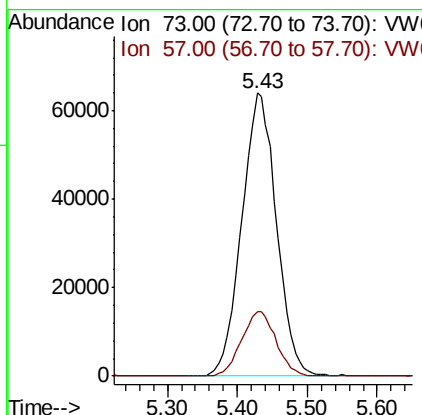
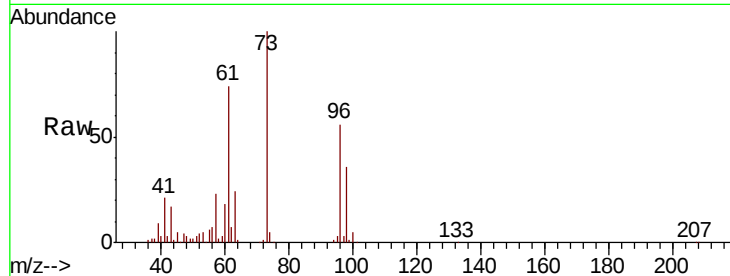




#19
Methyl tert-butyl Ether
Concen: 21.059 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.01 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

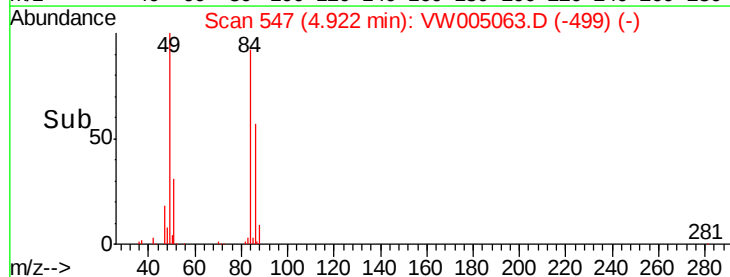
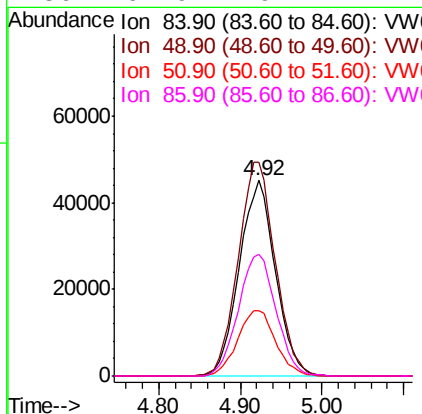
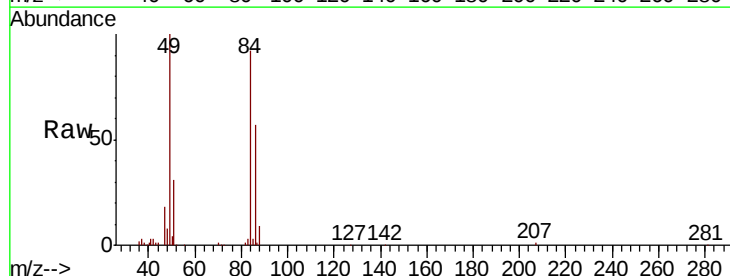
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS01

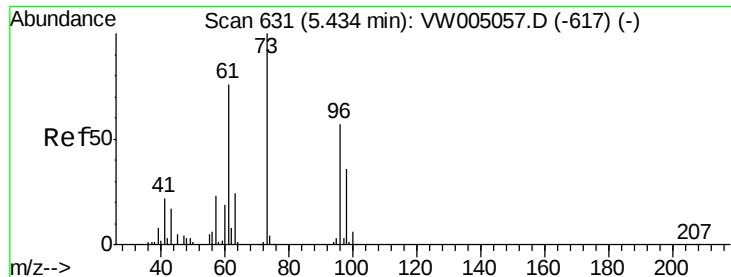
Tgt Ion: 73 Resp: 219665
Ion Ratio Lower Upper
73 100
57 22.7 18.1 27.1



#20
Methylene Chloride
Concen: 20.981 ug/l
RT: 4.92 min Scan# 547
Delta R.T. -0.01 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Tgt Ion: 84 Resp: 138654
Ion Ratio Lower Upper
84 100
49 109.2 88.7 133.1
51 33.5 28.6 42.8
86 61.9 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 20.583 ug/l

RT: 5.43 min Scan# 630

Delta R.T. -0.01 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS01

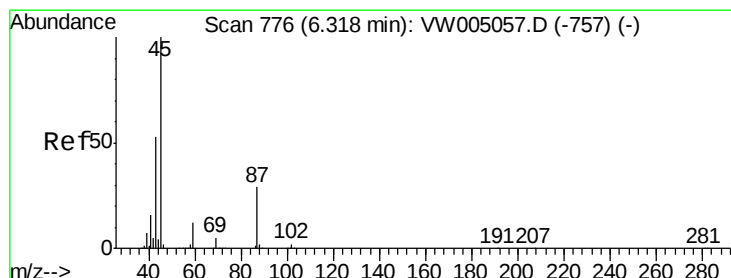
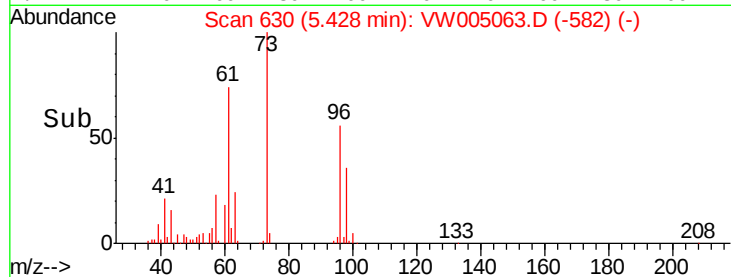
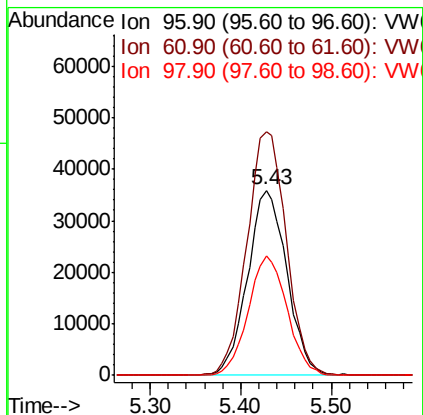
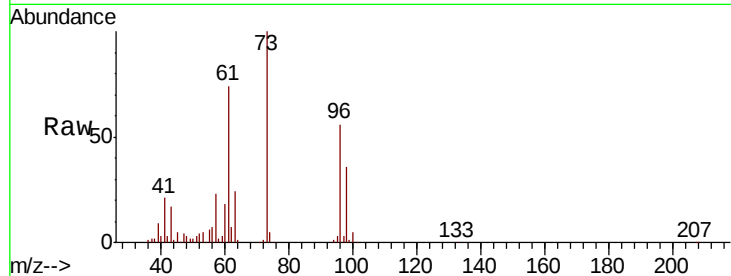
Tgt Ion: 96 Resp: 107723

Ion Ratio Lower Upper

96 100

61 131.3 106.3 159.5

98 64.2 50.9 76.3



#22

Diisopropyl ether

Concen: 21.154 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Tgt Ion: 45 Resp: 298899

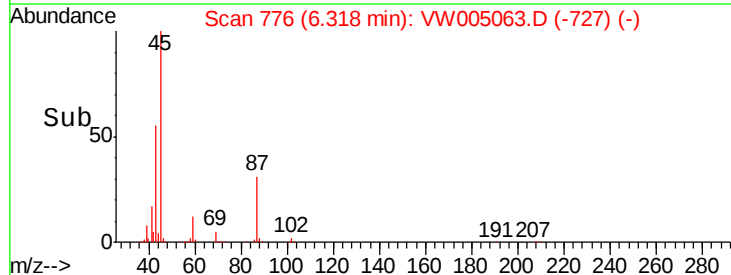
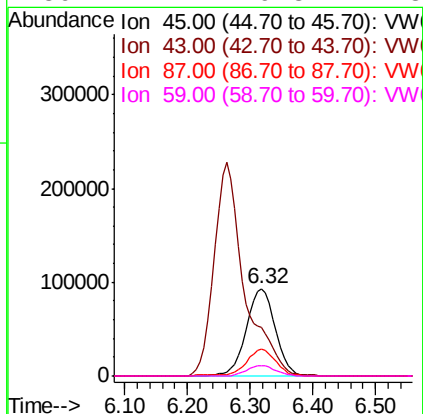
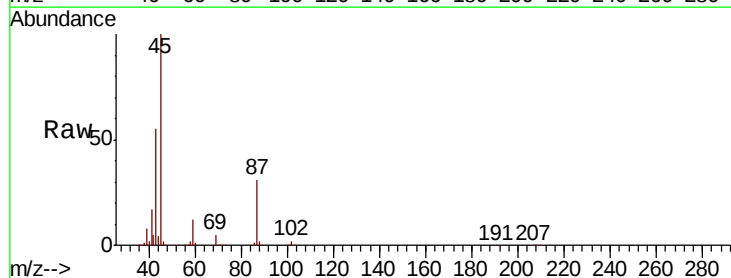
Ion Ratio Lower Upper

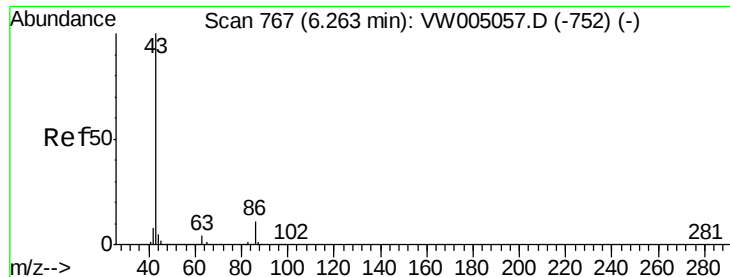
45 100

43 54.8 42.6 63.8

87 30.6 23.6 35.4

59 12.4 9.8 14.8

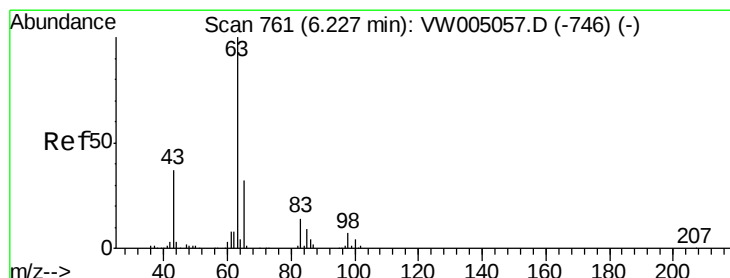
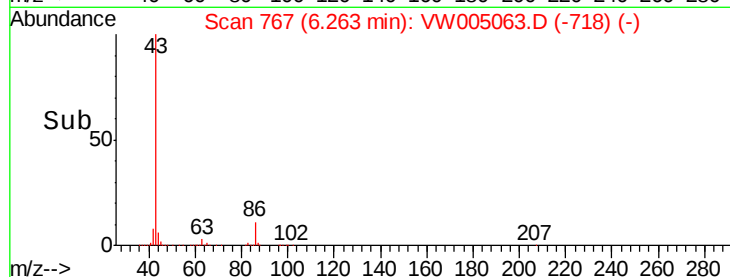
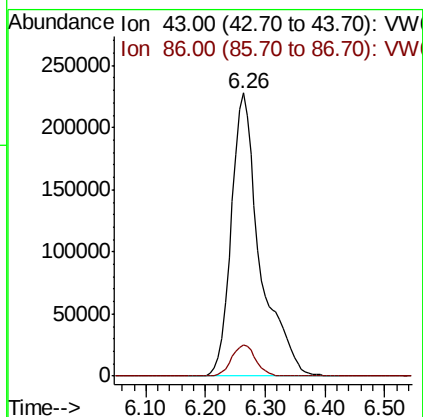
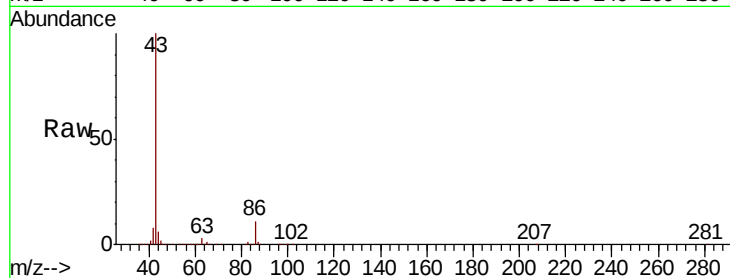




#23
 Vinyl Acetate
 Concen: 102.517 ug/l
 RT: 6.26 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: VW005063.D
 Acq: 01 Sep 2018 04:27

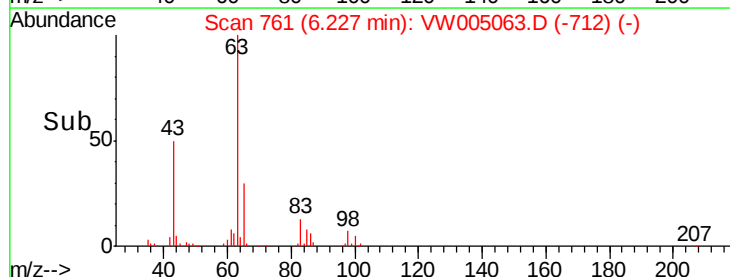
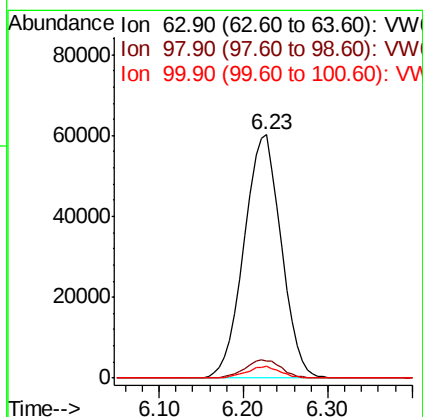
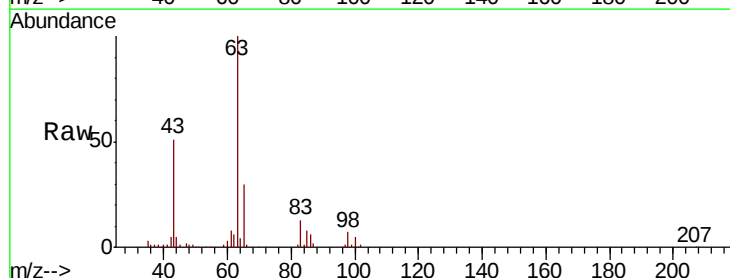
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS01

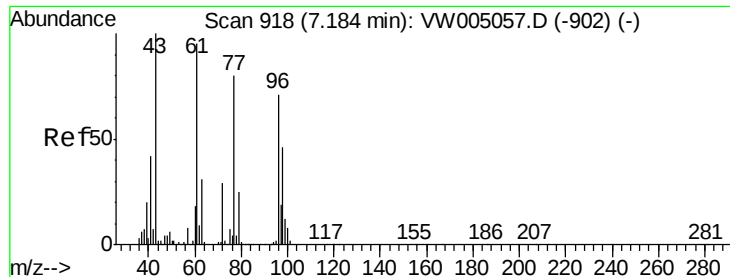
Tgt Ion: 43 Resp: 760875
 Ion Ratio Lower Upper
 43 100
 86 10.9 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 20.413 ug/l
 RT: 6.23 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: VW005063.D
 Acq: 01 Sep 2018 04:27

Tgt Ion: 63 Resp: 180283
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.8
 100 4.9 2.2 6.6

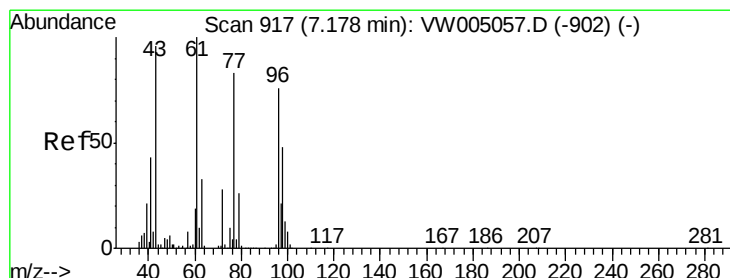
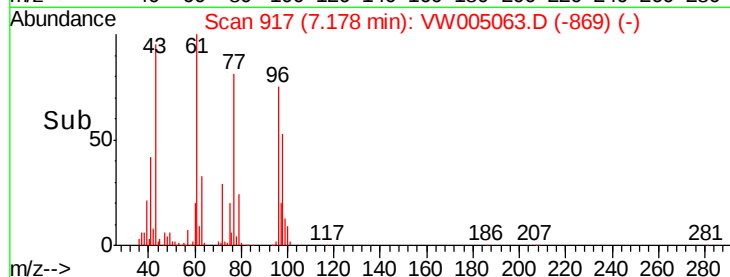
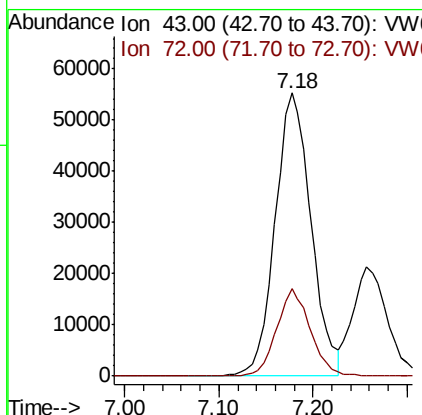
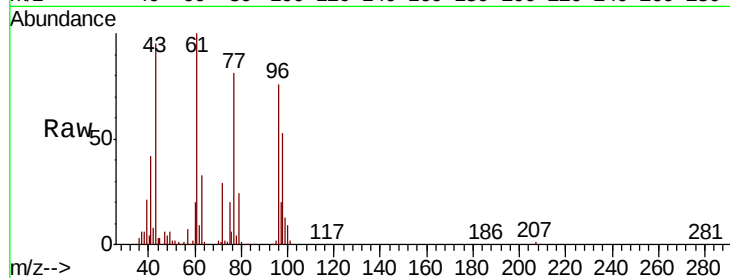




#25
2-Butanone
Concen: 96.023 ug/l
RT: 7.18 min Scan# 917
Delta R.T. -0.01 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

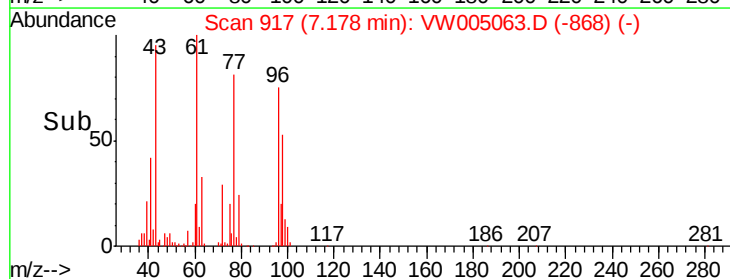
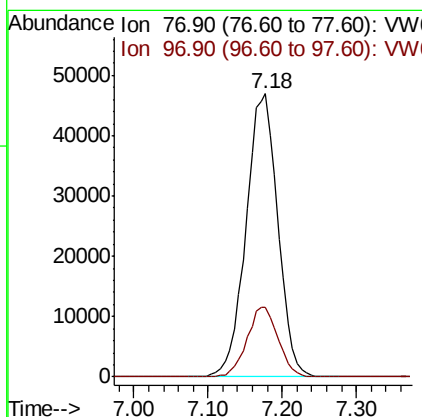
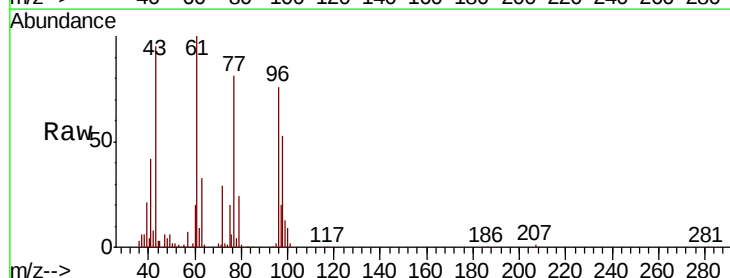
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS01

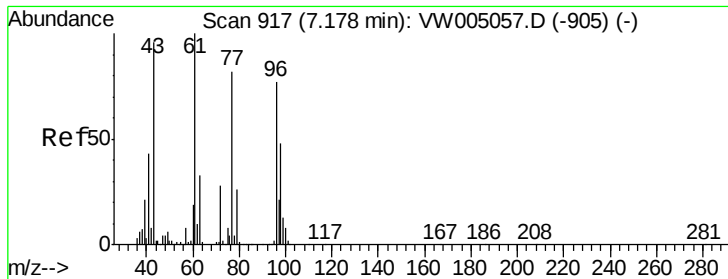
Tgt Ion: 43 Resp: 147089
Ion Ratio Lower Upper
43 100
72 30.9 23.1 34.7



#26
2,2-Dichloropropane
Concen: 19.365 ug/l
RT: 7.18 min Scan# 917
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Tgt Ion: 77 Resp: 140550
Ion Ratio Lower Upper
77 100
97 24.1 12.2 36.6



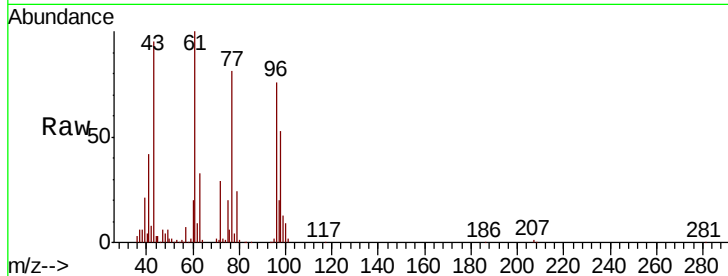


#27

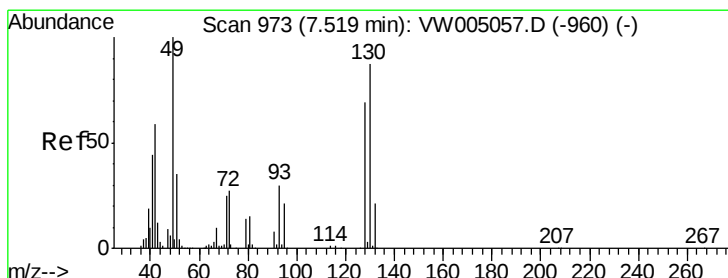
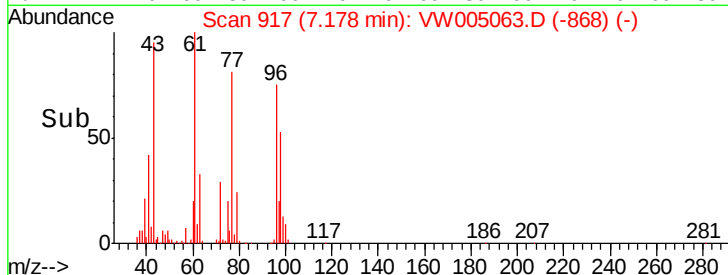
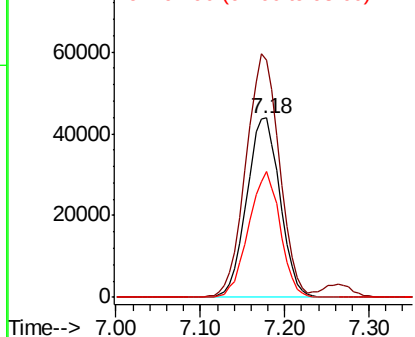
cis-1,2-Dichloroethene
 Concen: 20.530 ug/l
 RT: 7.18 min Scan# 917
 Delta R.T. 0.00 min
 Lab File: VW005063.D
 Acq: 01 Sep 2018 04:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS01

Tgt Ion	Resp	Lower	Upper
96	117540		
61	136.5	0.0	273.2
98	66.6	0.0	127.8



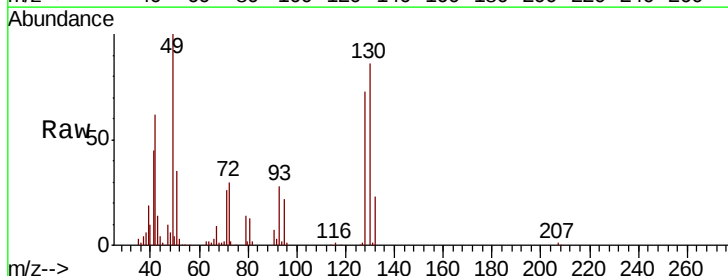
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



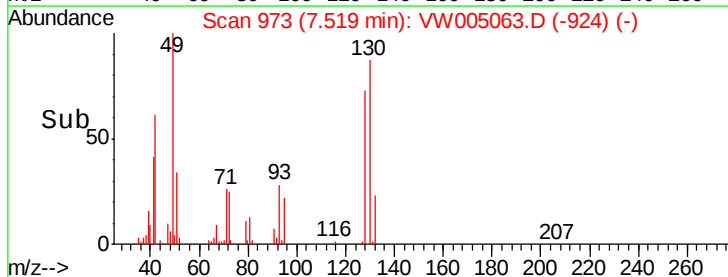
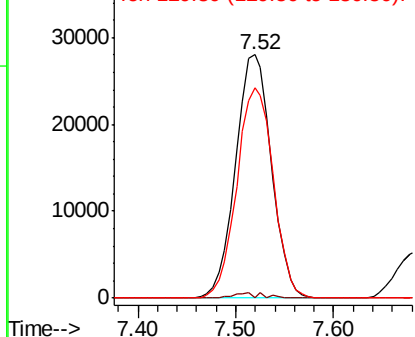
#28

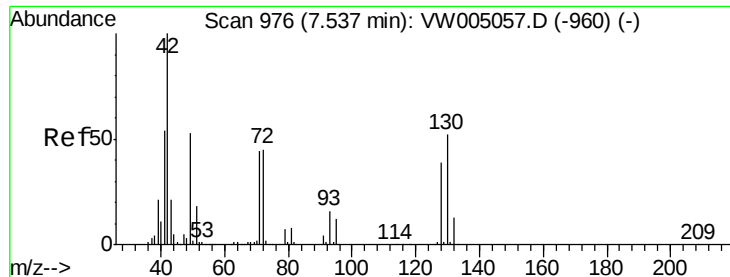
Bromochloromethane
 Concen: 20.116 ug/l
 RT: 7.52 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: VW005063.D
 Acq: 01 Sep 2018 04:27

Tgt Ion	Resp	Lower	Upper
49	71510		
129	1.1	0.0	4.4
130	87.4	69.6	104.4



Abundance Ion 48.90 (48.60 to 49.60): VW
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

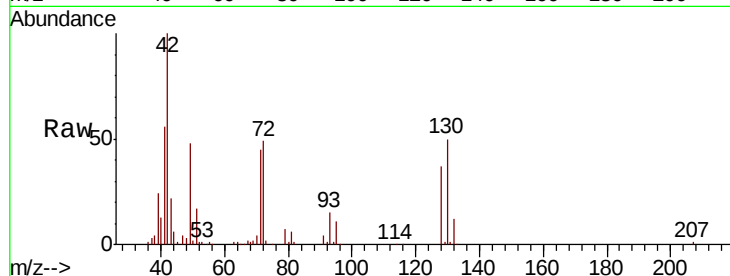




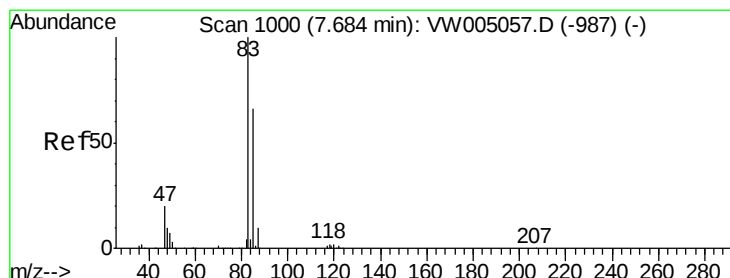
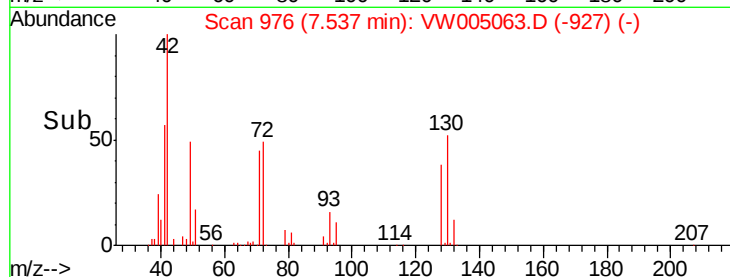
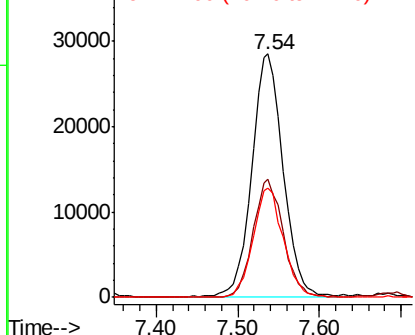
#29
Tetrahydrofuran
Concen: 96.860 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS01

Tgt Ion: 42 Resp: 75812
Ion Ratio Lower Upper
42 100
72 47.3 37.0 55.4
71 43.7 35.0 52.6

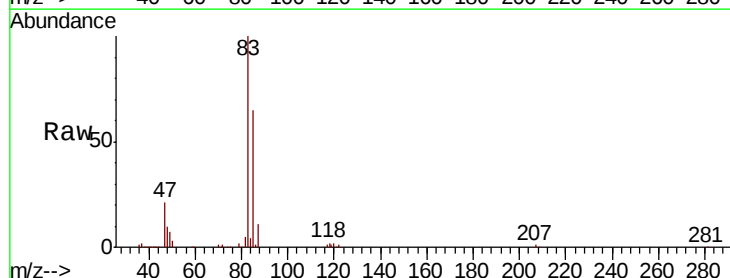


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

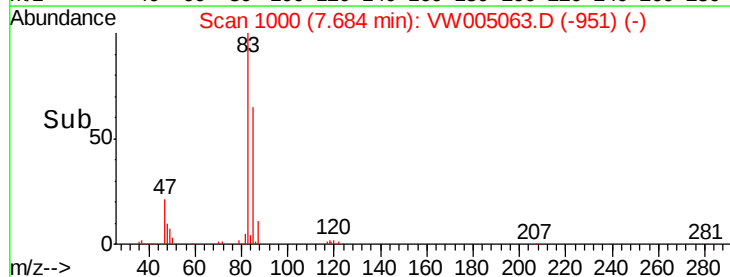
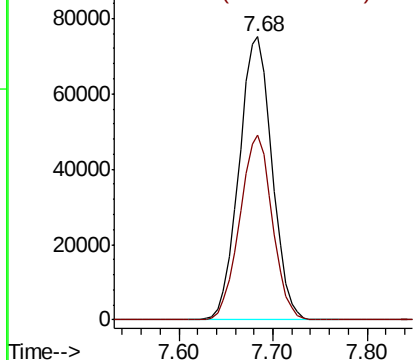


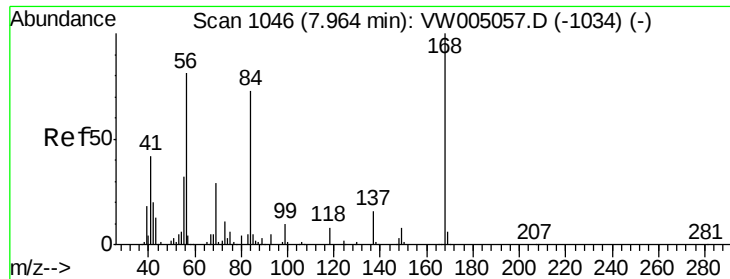
#30
Chloroform
Concen: 20.391 ug/l
RT: 7.68 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Tgt Ion: 83 Resp: 183809
Ion Ratio Lower Upper
83 100
85 65.4 53.1 79.7



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

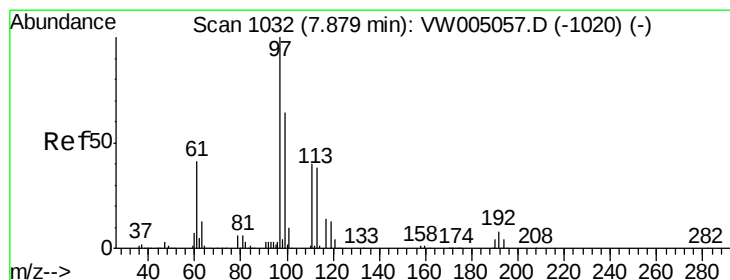
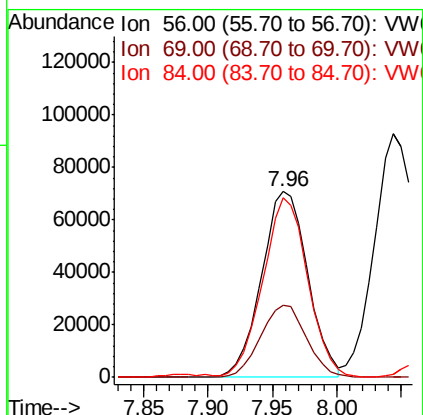
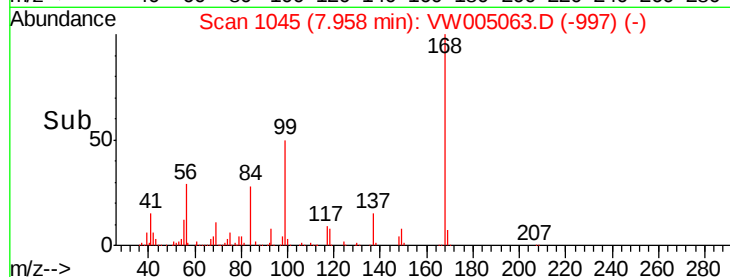
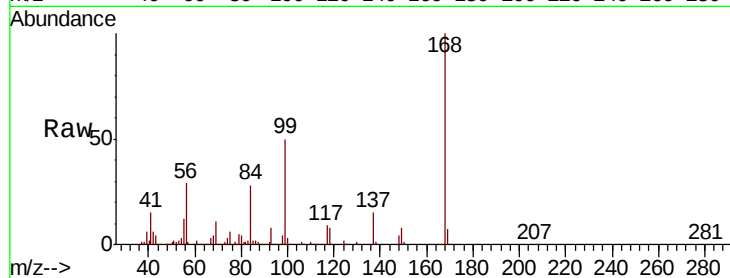




#31
Cyclohexane
Concen: 20.413 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.01 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

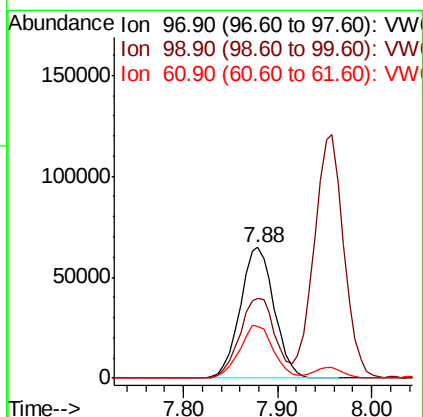
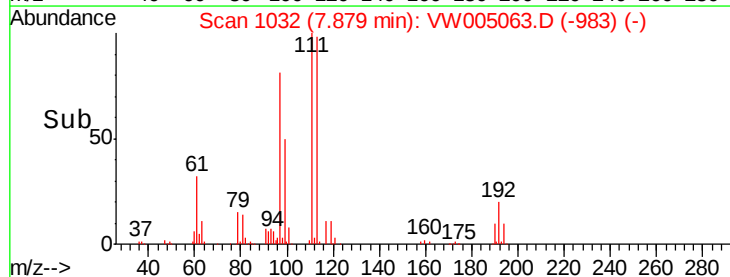
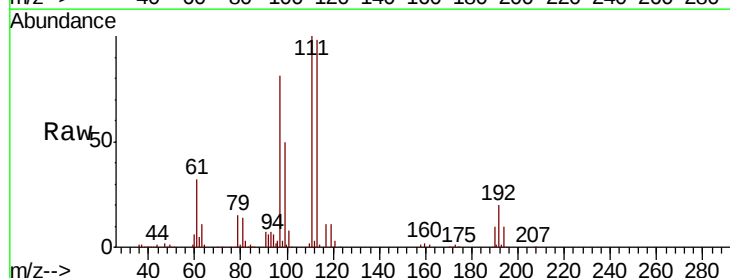
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS01

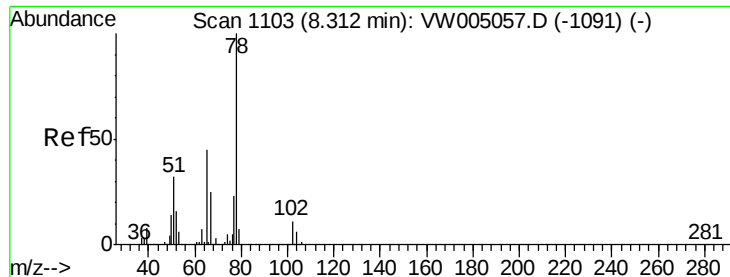
Tgt Ion: 56 Resp: 176554
Ion Ratio Lower Upper
56 100
69 38.7 28.2 42.2
84 95.0 71.8 107.8



#32
1,1,1-Trichloroethane
Concen: 20.845 ug/l
RT: 7.88 min Scan# 1032
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Tgt Ion: 97 Resp: 163653
Ion Ratio Lower Upper
97 100
99 63.7 51.8 77.8
61 40.3 33.2 49.8

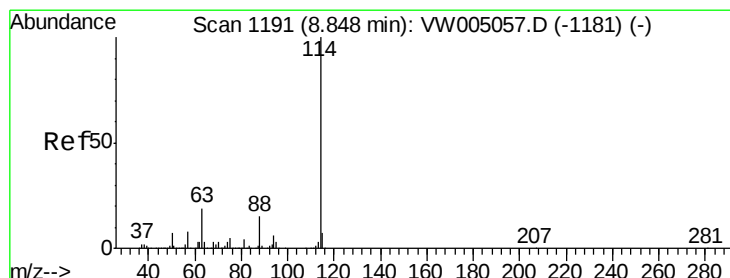
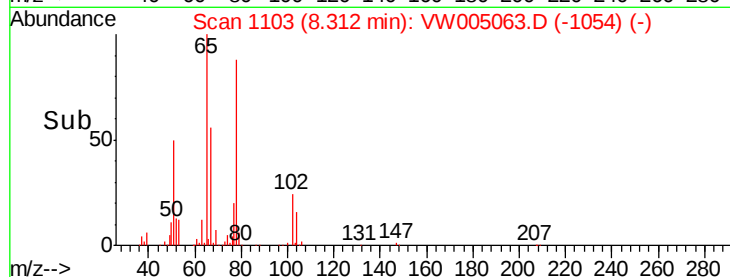
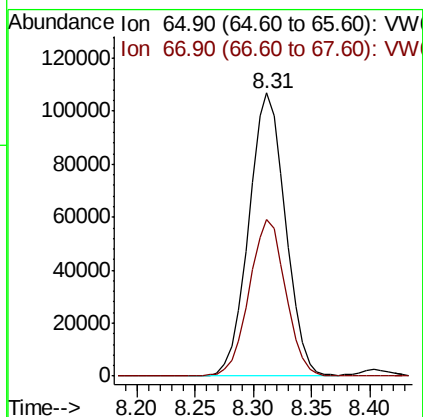
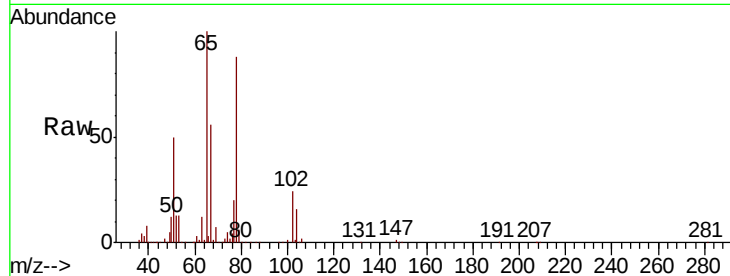




#33
 1,2-Dichloroethane-d4
 Concen: 52.987 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW005063.D
 Acq: 01 Sep 2018 04:27

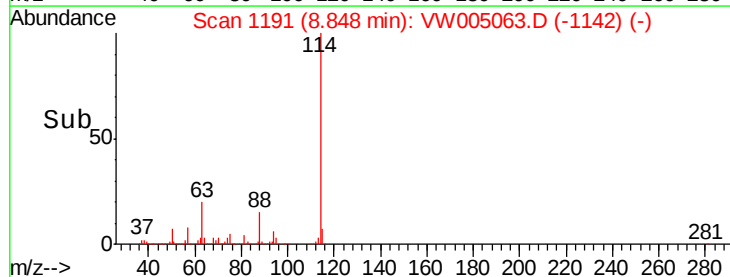
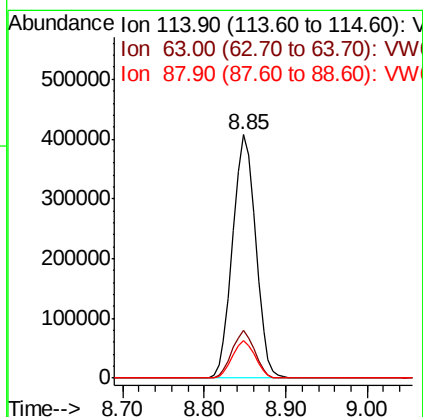
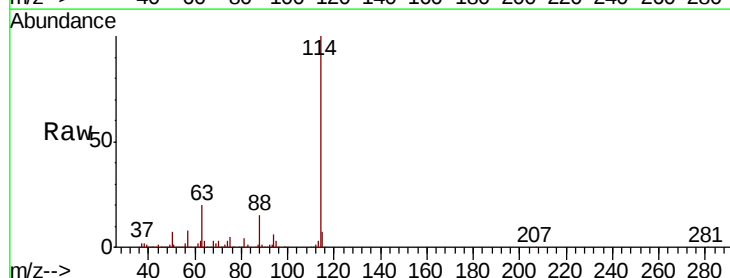
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS01

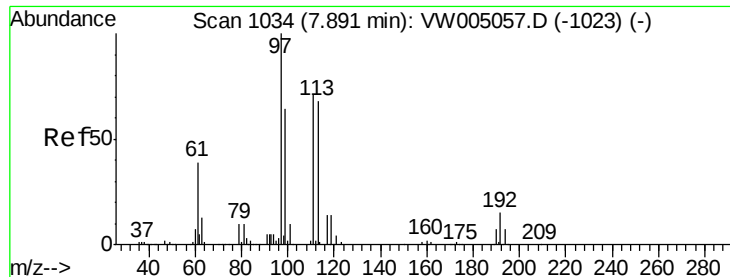
Tgt Ion: 65 Resp: 233338
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW005063.D
 Acq: 01 Sep 2018 04:27

Tgt Ion: 114 Resp: 792797
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.0
 88 15.4 0.0 30.2





#35

Dibromofluoromethane

Concen: 52.490 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS01

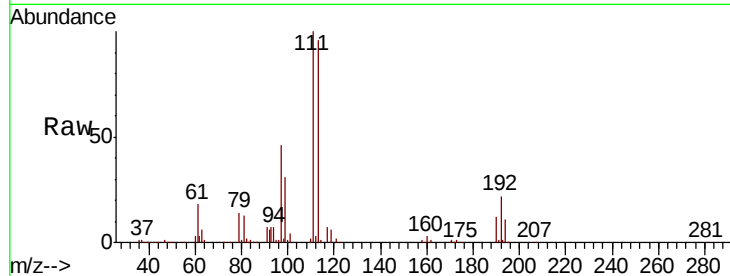
Tgt Ion:113 Resp: 240482

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.2

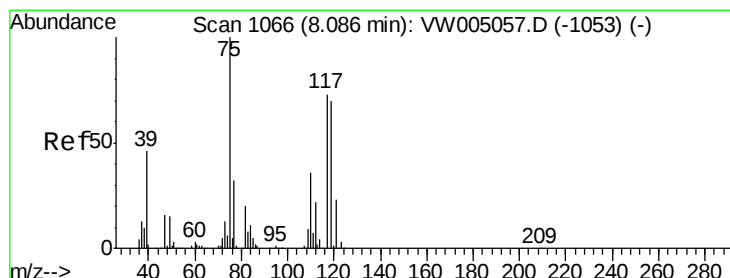
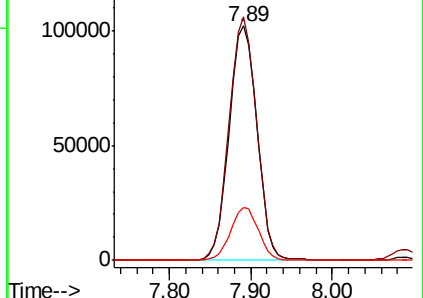
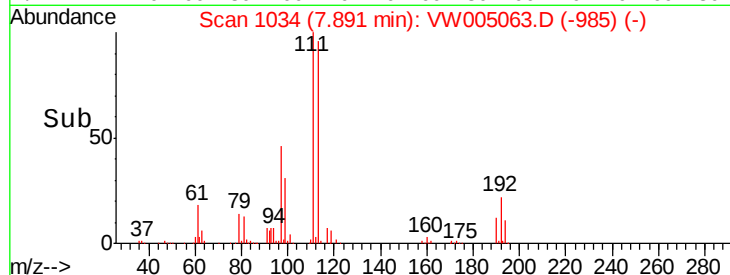
192 22.3 18.1 27.1



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: 20.712 ug/l

RT: 8.09 min Scan# 1067

Delta R.T. 0.01 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

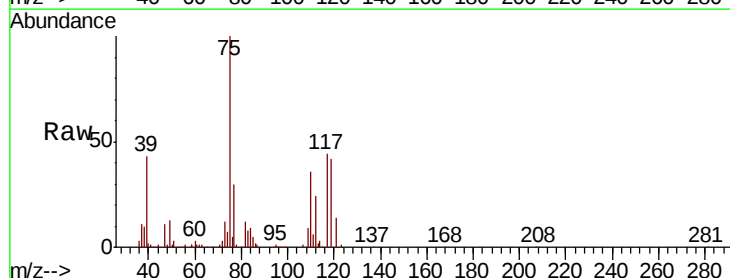
Tgt Ion: 75 Resp: 156385

Ion Ratio Lower Upper

75 100

110 36.3 18.9 56.7

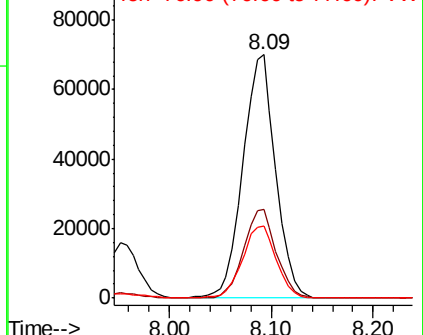
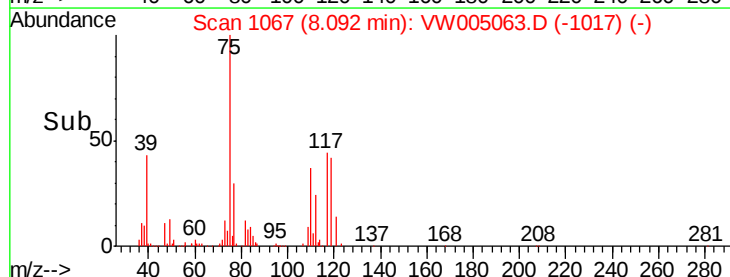
77 30.7 25.5 38.3

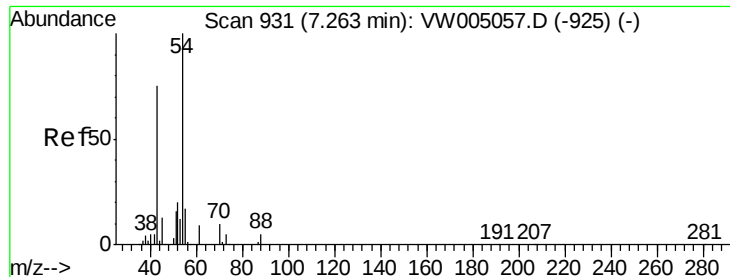


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

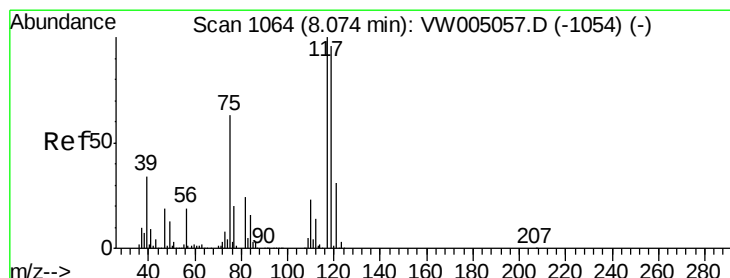
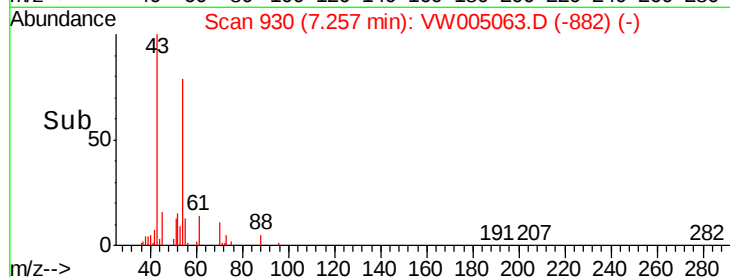
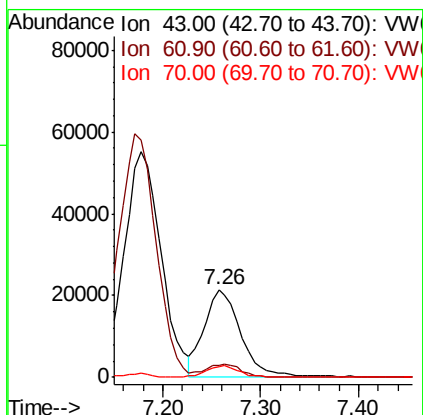
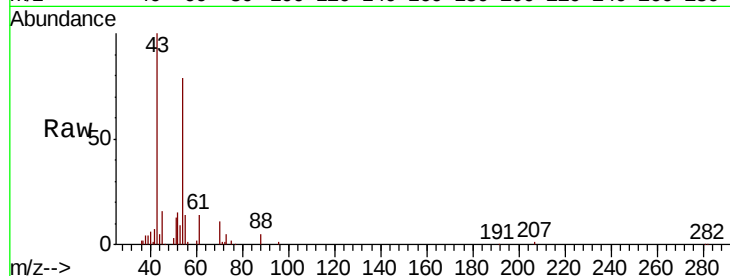




#37
Ethyl Acetate
Concen: 19.356 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

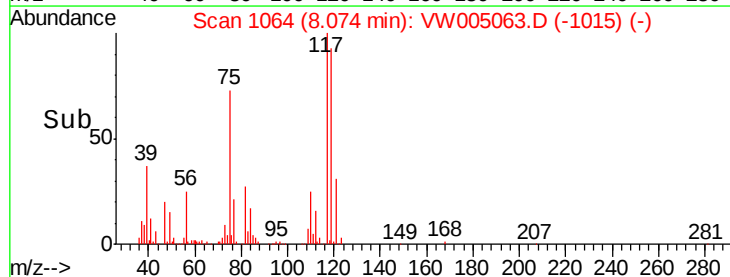
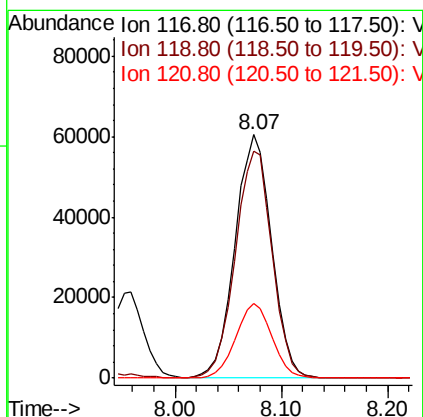
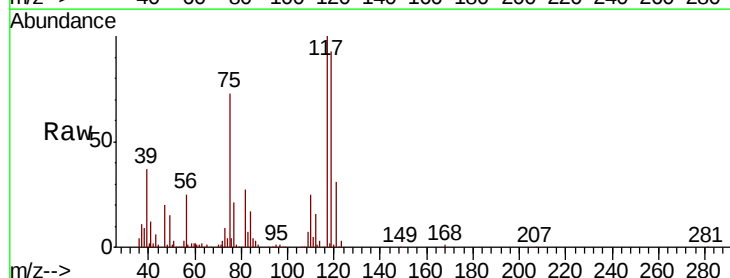
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS01

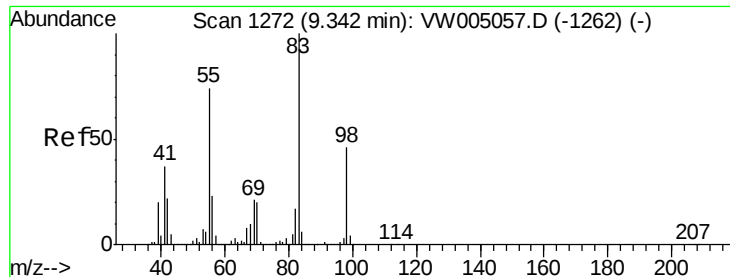
Tgt Ion: 43 Resp: 54655
Ion Ratio Lower Upper
43 100
61 14.8 12.1 18.1
70 12.0 9.4 14.2



#38
Carbon Tetrachloride
Concen: 20.338 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Tgt Ion: 117 Resp: 146013
Ion Ratio Lower Upper
117 100
119 93.1 76.6 115.0
121 30.9 24.8 37.2

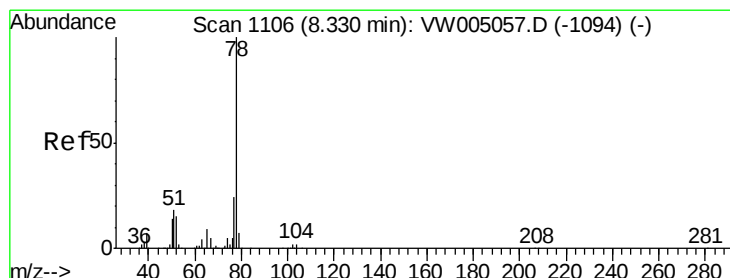
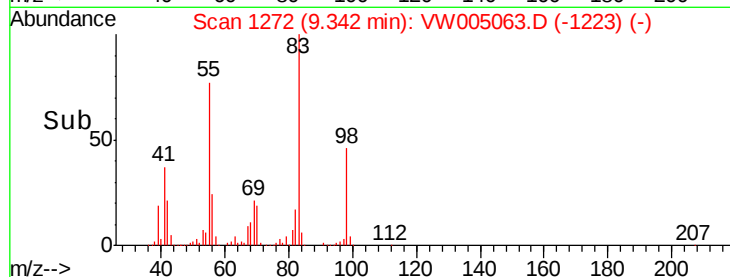
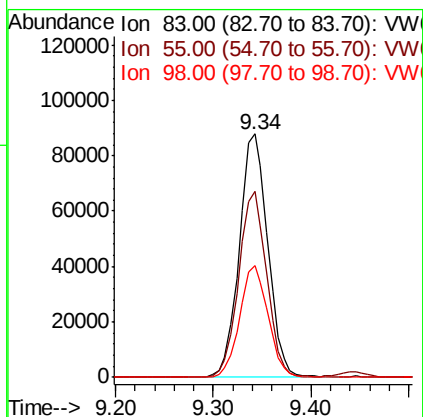
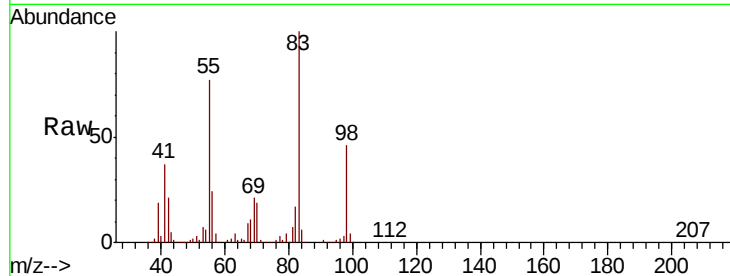




#39
Methylcyclohexane
Concen: 19.476 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

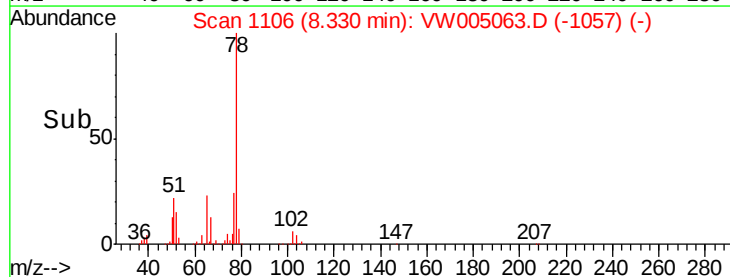
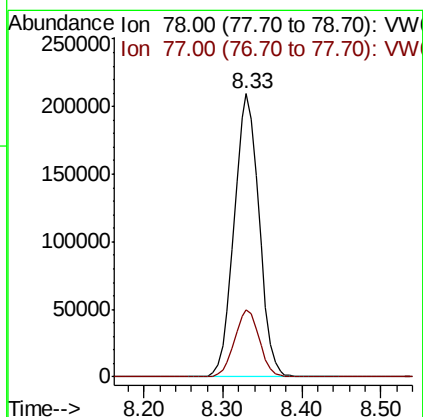
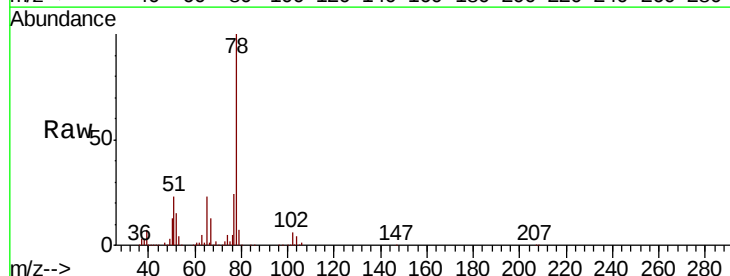
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS01

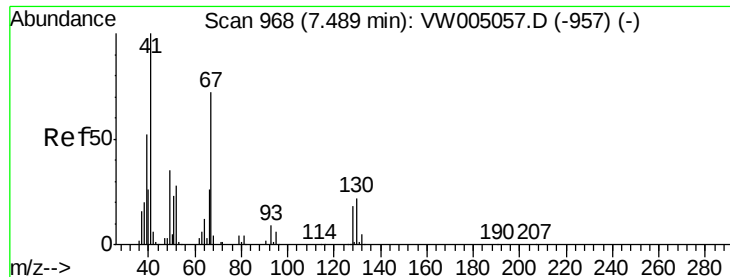
Tgt Ion: 83 Resp: 177838
Ion Ratio Lower Upper
83 100
55 76.7 58.9 88.3
98 46.0 36.8 55.2



#40
Benzene
Concen: 19.870 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Tgt Ion: 78 Resp: 459299
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.0





#41

Methacrylonitrile

Concen: 21.589 ug/l

RT: 7.49 min Scan# 969

Delta R.T. 0.01 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS01

Tgt Ion: 41 Resp: 35322

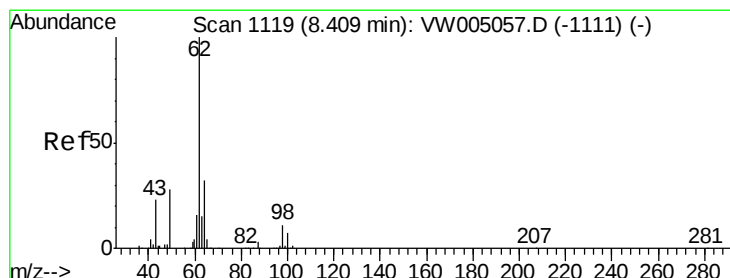
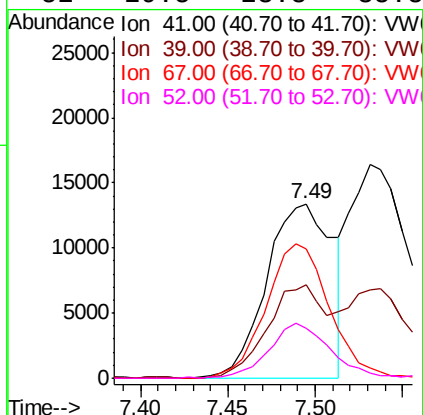
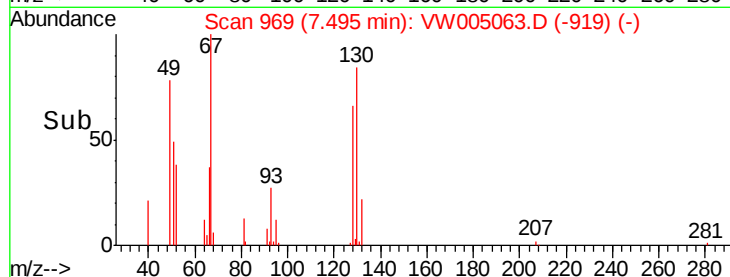
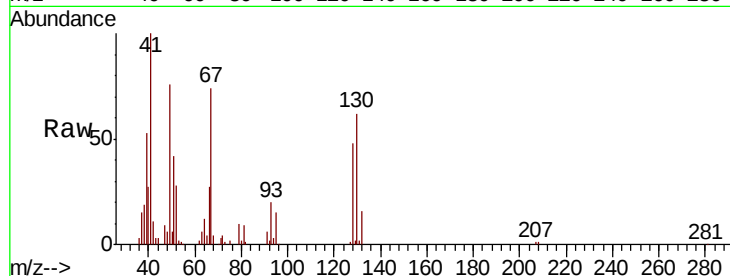
Ion Ratio Lower Upper

41 100

39 45.3 41.8 62.8

67 74.6 60.4 90.6

52 29.5 23.8 35.8



#42

1,2-Dichloroethane

Concen: 19.613 ug/l

RT: 8.41 min Scan# 1119

Delta R.T. 0.00 min

Lab File: VW005063.D

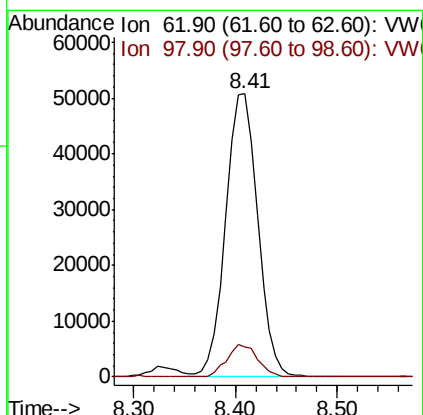
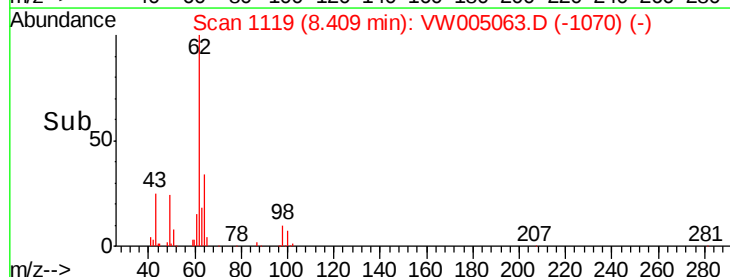
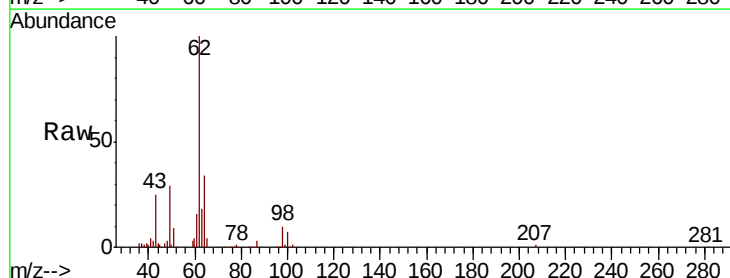
Acq: 01 Sep 2018 04:27

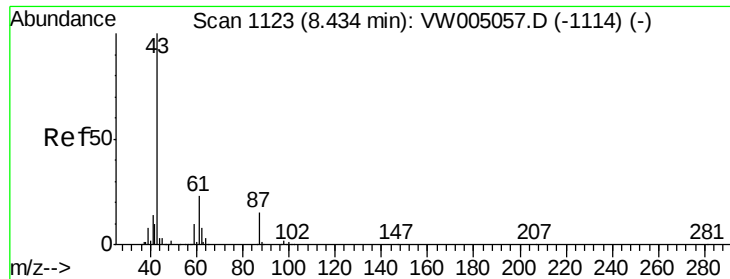
Tgt Ion: 62 Resp: 110950

Ion Ratio Lower Upper

62 100

98 10.9 0.0 21.8





#43

Isopropyl Acetate

Concen: 18.849 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS01

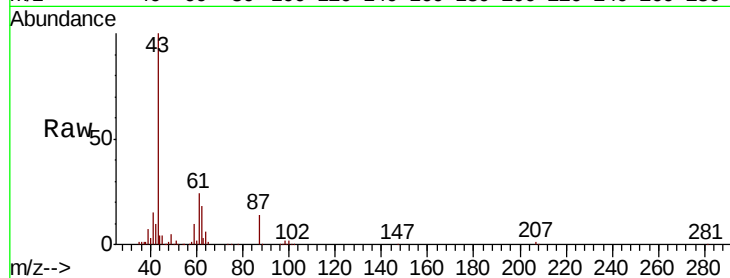
Tgt Ion: 43 Resp: 96854

Ion Ratio Lower Upper

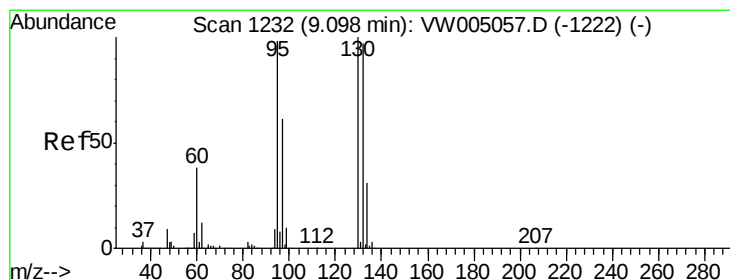
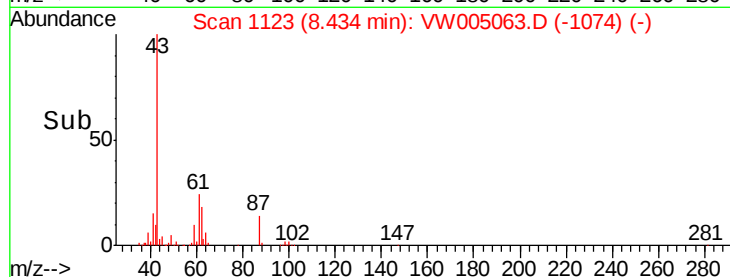
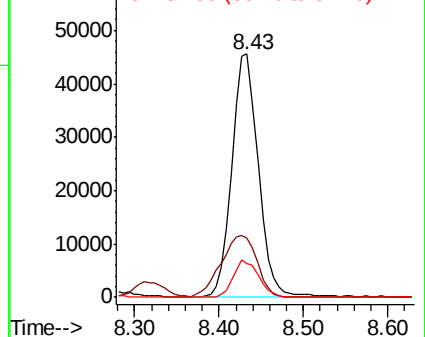
43 100

61 34.4 26.8 40.2

87 14.8 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: 20.213 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VW005063.D

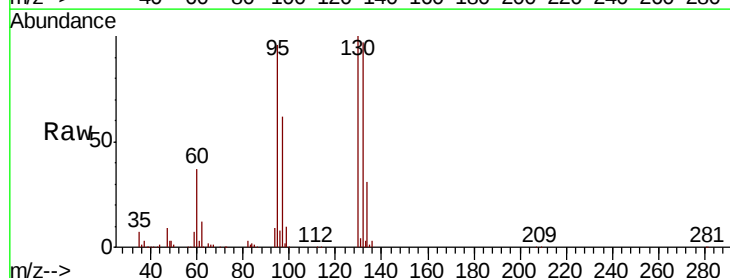
Acq: 01 Sep 2018 04:27

Tgt Ion: 130 Resp: 126062

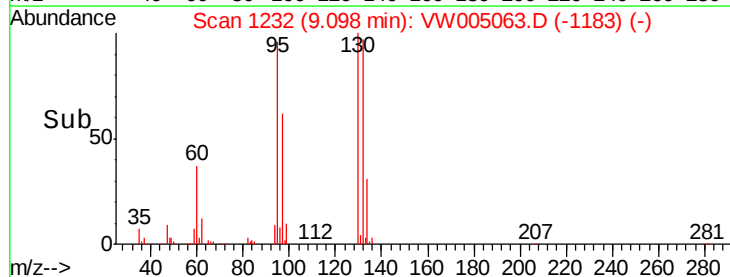
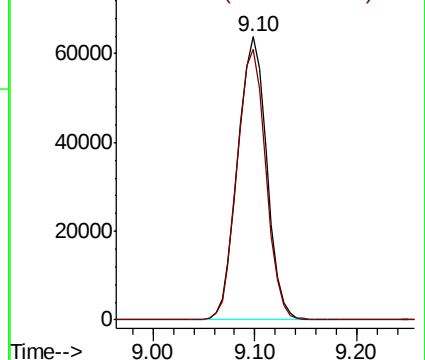
Ion Ratio Lower Upper

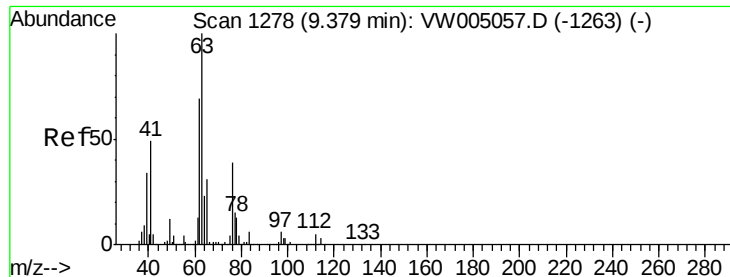
130 100

95 95.7 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: 20.054 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.01 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

ClientSampleId :

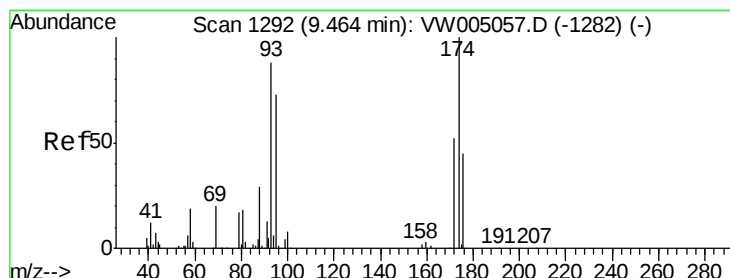
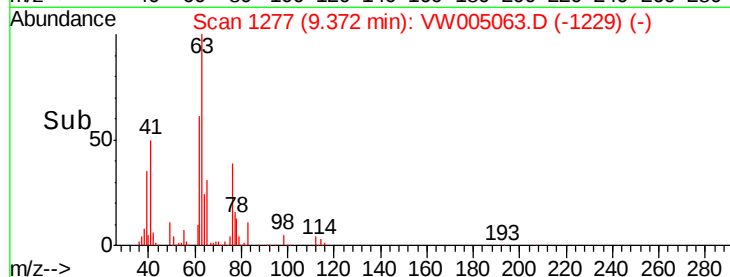
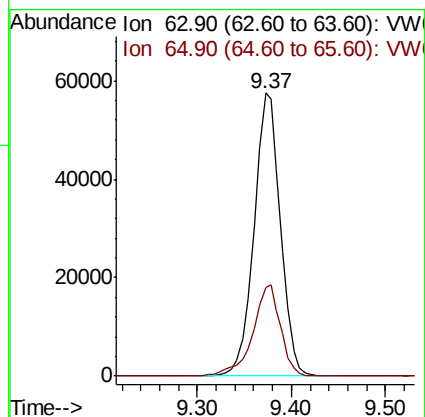
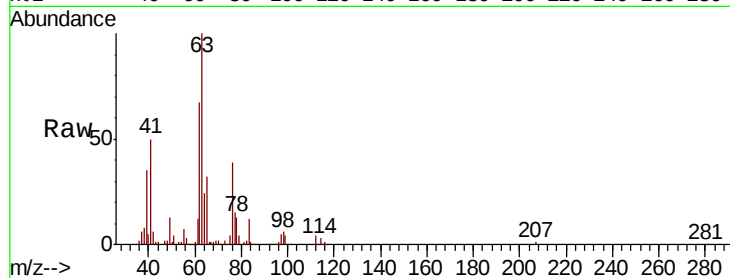
VW0901SBS01

Tgt Ion: 63 Resp: 113240

Ion Ratio Lower Upper

63 100

65 31.6 24.6 37.0



#46

Dibromomethane

Concen: 19.662 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

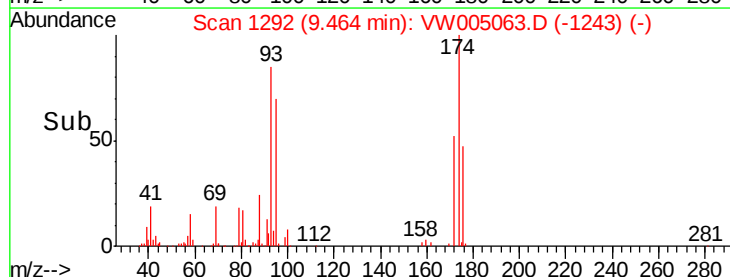
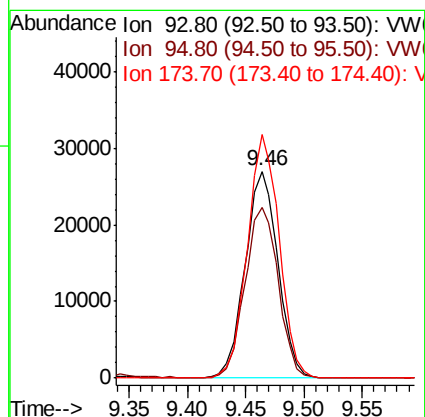
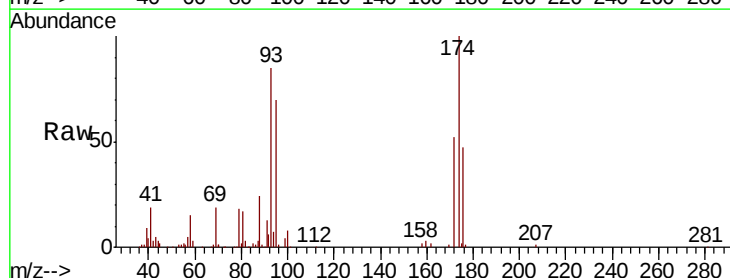
Tgt Ion: 93 Resp: 53090

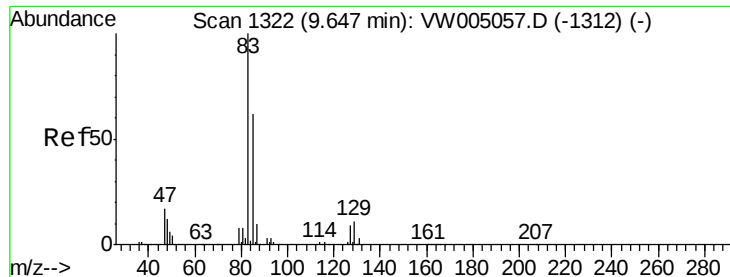
Ion Ratio Lower Upper

93 100

95 84.0 66.2 99.4

174 114.4 92.0 138.0

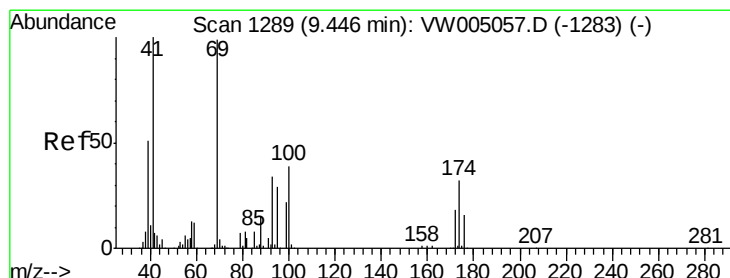
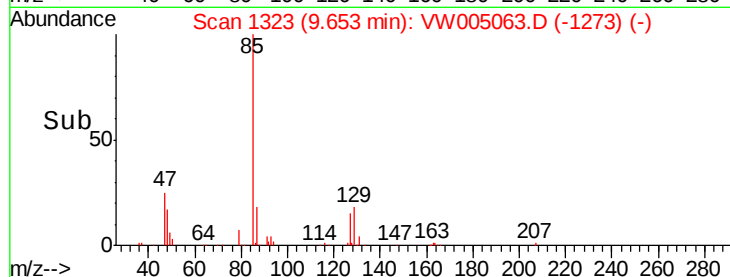
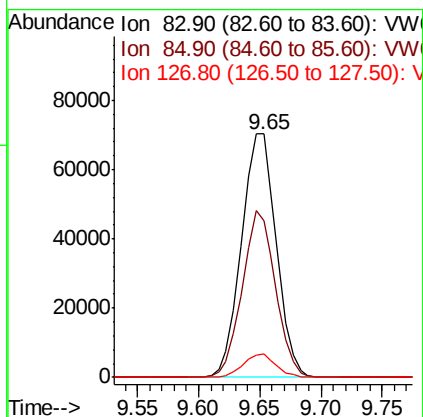
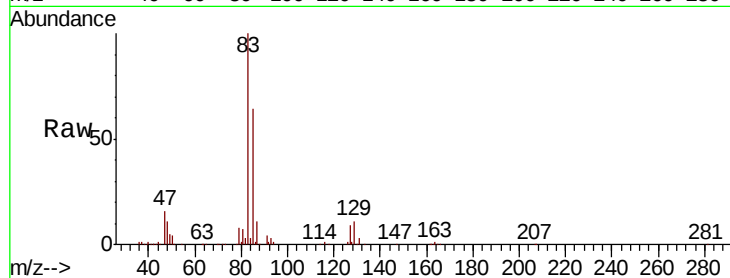




#47
Bromodichloromethane
Concen: 20.496 ug/l
RT: 9.65 min Scan# 1323
Delta R.T. 0.01 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

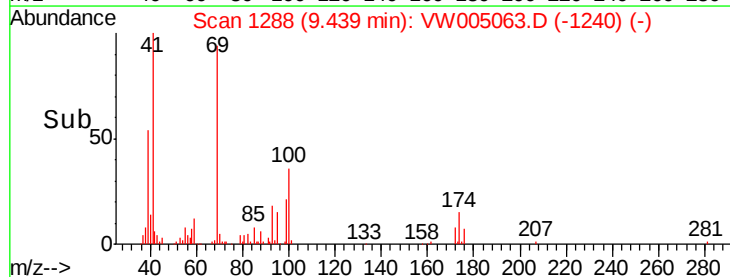
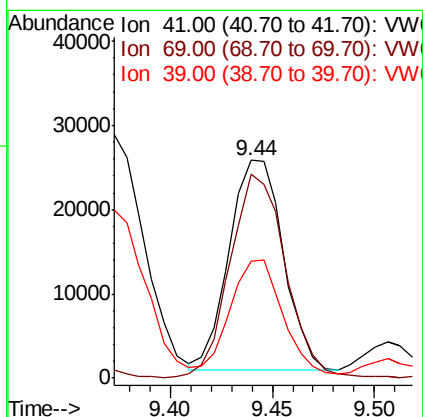
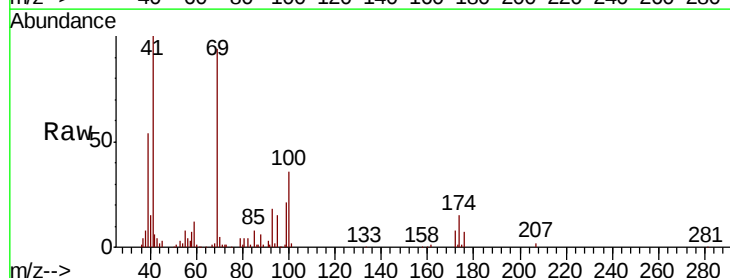
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS01

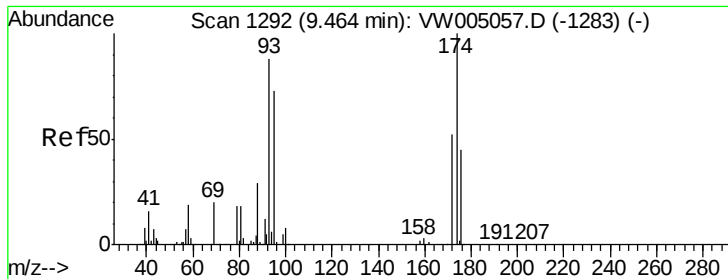
Tgt Ion: 83 Resp: 139349
Ion Ratio Lower Upper
83 100
85 64.1 49.8 74.6
127 9.4 7.0 10.4



#48
Methyl methacrylate
Concen: 18.527 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Tgt Ion: 41 Resp: 45839
Ion Ratio Lower Upper
41 100
69 100.9 80.4 120.6
39 56.5 43.5 65.3





#49

1,4-Dioxane

Concen: 366.488 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS01

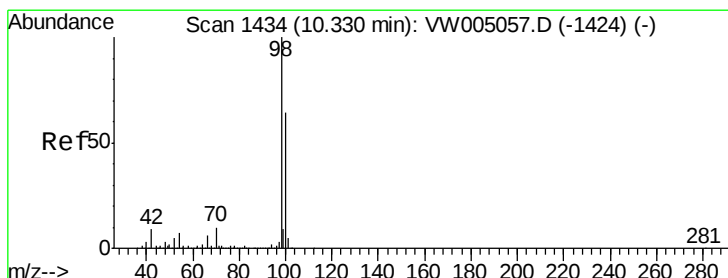
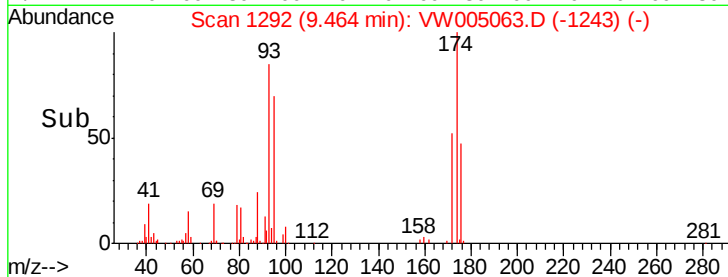
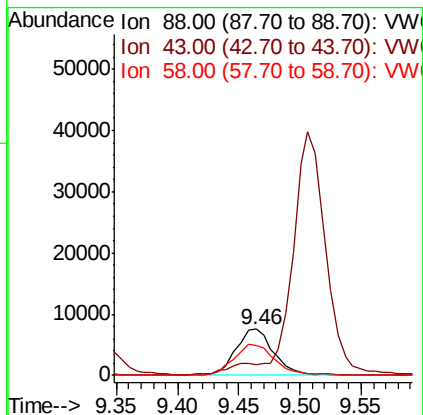
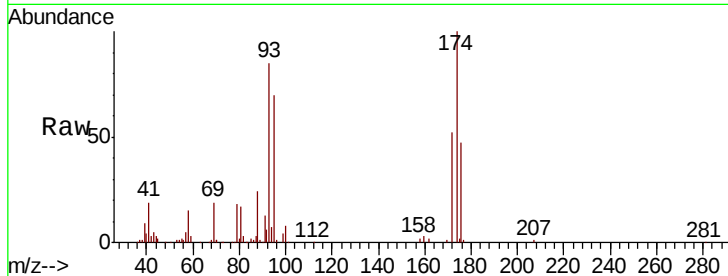
Tgt Ion: 88 Resp: 16003

Ion Ratio Lower Upper

88 100

43 20.1 19.8 29.6

58 74.9 57.1 85.7



#50

Toluene-d8

Concen: 52.135 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW005063.D

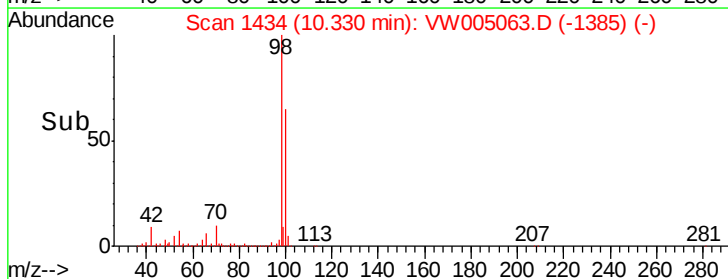
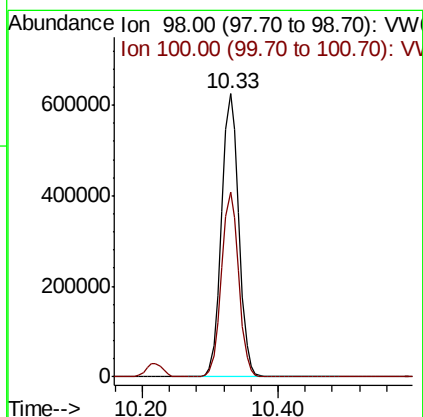
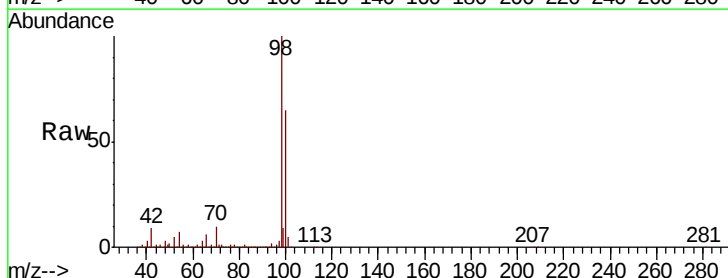
Acq: 01 Sep 2018 04:27

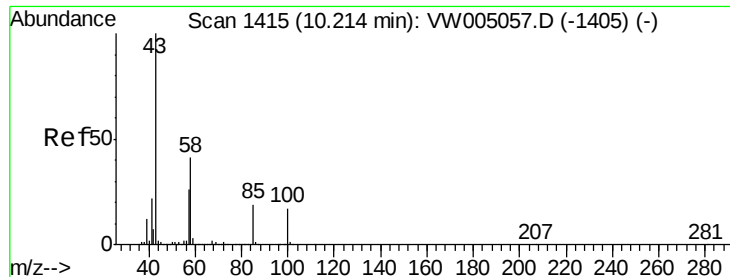
Tgt Ion: 98 Resp: 1100592

Ion Ratio Lower Upper

98 100

100 64.9 51.7 77.5

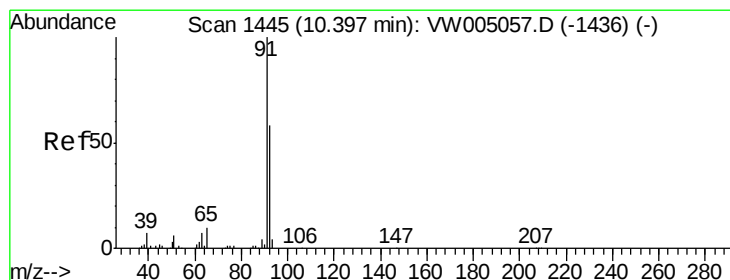
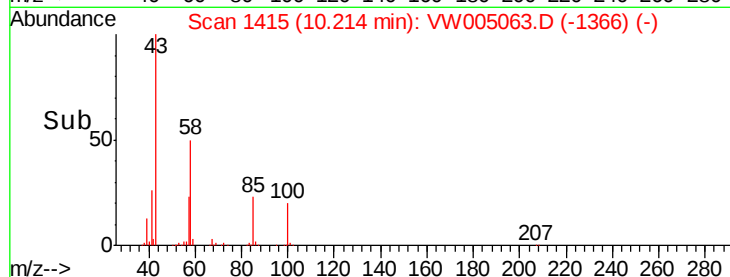
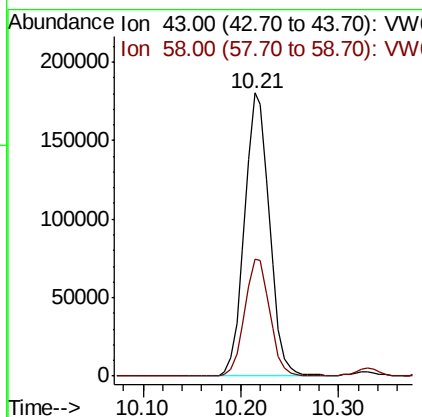
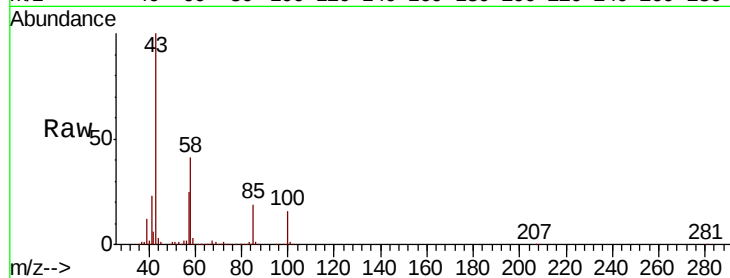




#51
 4-Methyl-2-Pentanone
 Concen: 92.405 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VW005063.D
 Acq: 01 Sep 2018 04:27

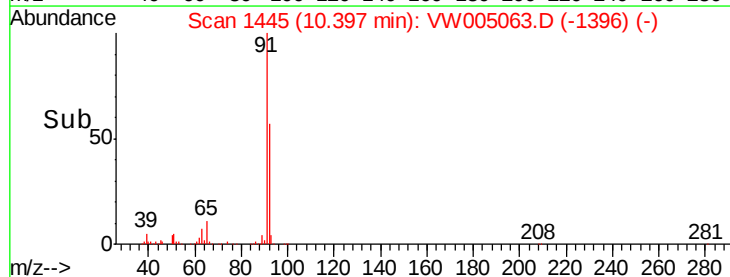
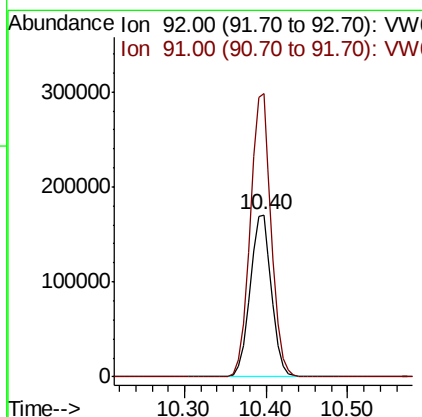
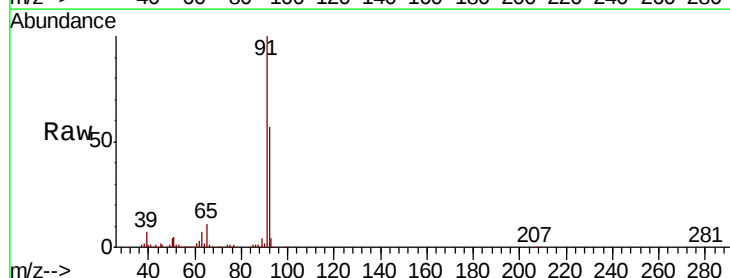
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS01

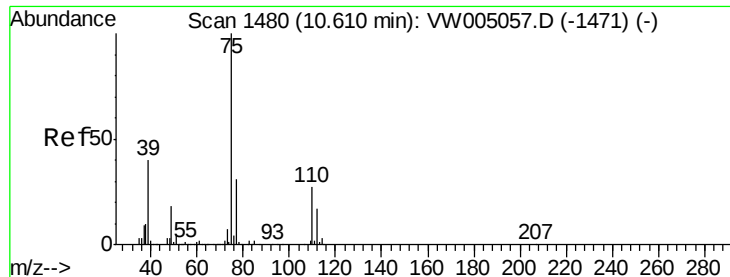
Tgt Ion: 43 Resp: 318214
 Ion Ratio Lower Upper
 43 100
 58 41.7 33.3 49.9



#52
 Toluene
 Concen: 19.968 ug/l
 RT: 10.40 min Scan# 1445
 Delta R.T. 0.00 min
 Lab File: VW005063.D
 Acq: 01 Sep 2018 04:27

Tgt Ion: 92 Resp: 312741
 Ion Ratio Lower Upper
 92 100
 91 171.4 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 19.559 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

ClientSampleId :

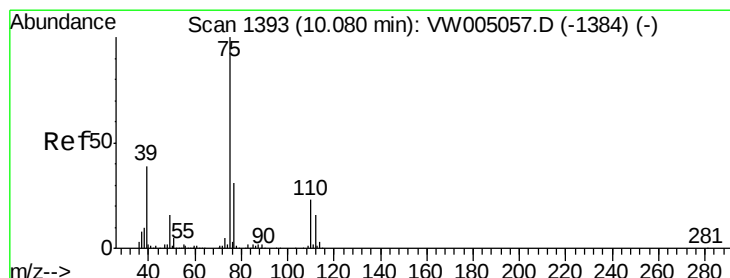
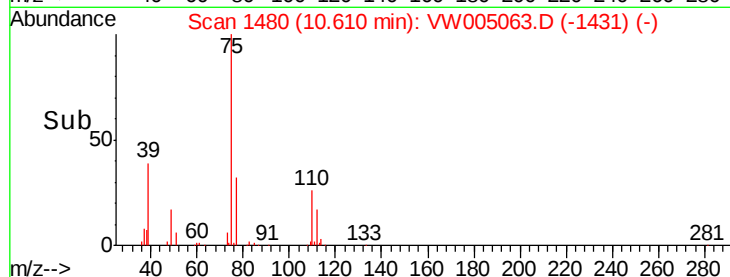
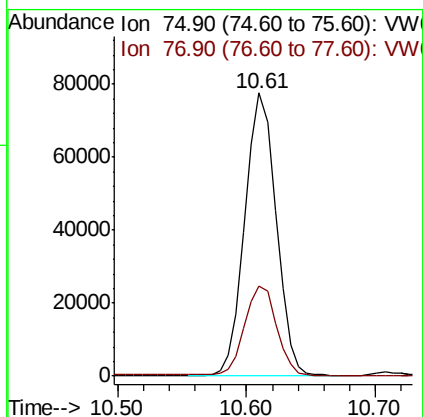
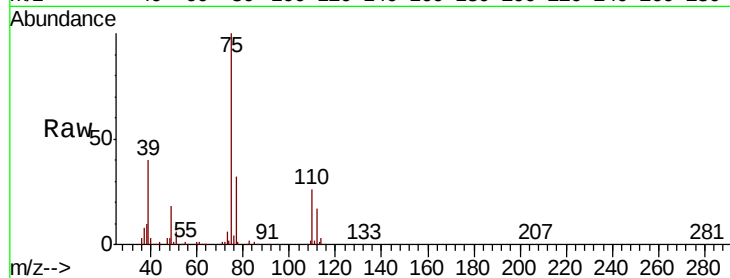
VW0901SBS01

Tgt Ion: 75 Resp: 130668

Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 20.272 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

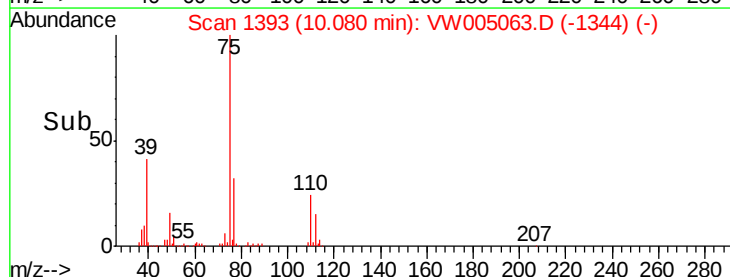
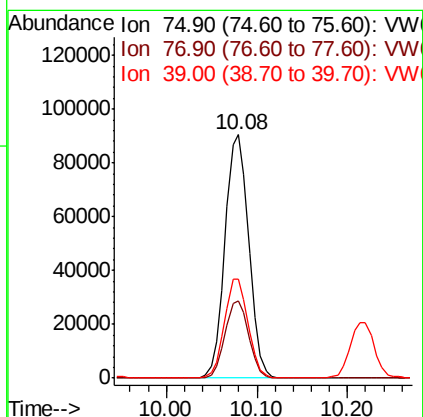
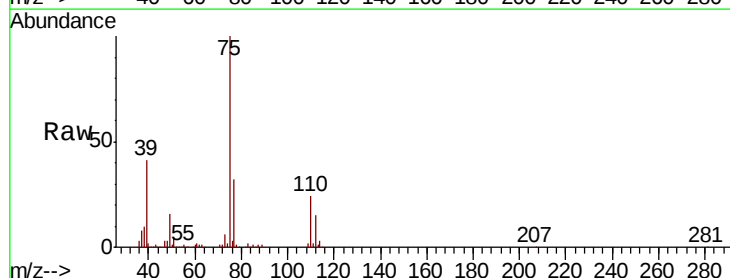
Tgt Ion: 75 Resp: 164705

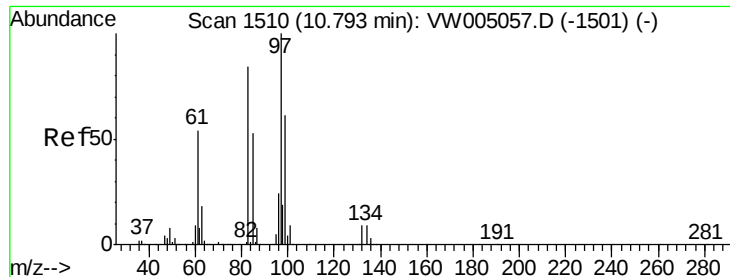
Ion Ratio Lower Upper

75 100

77 31.8 24.9 37.3

39 40.7 31.0 46.6

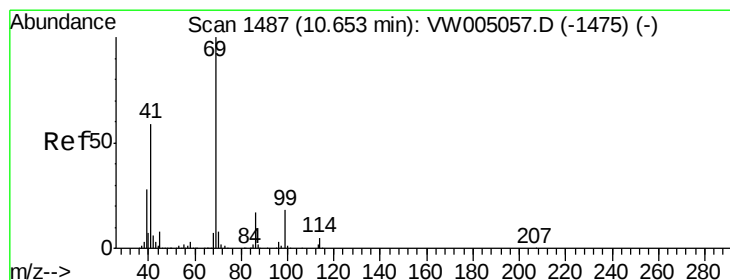
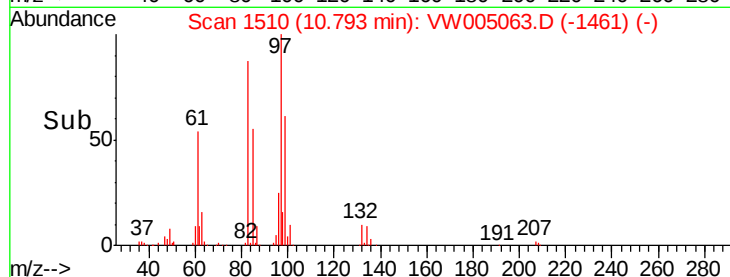
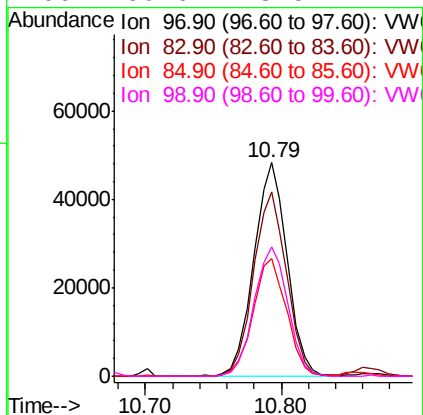
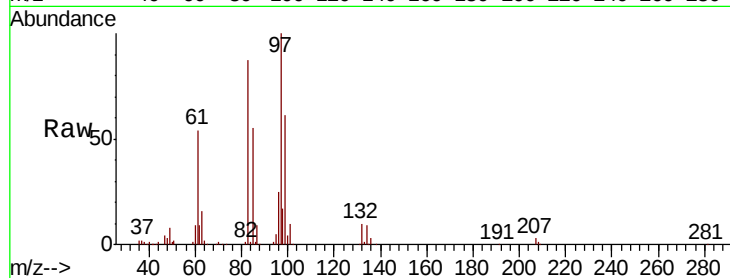




#55
 1,1,2-Trichloroethane
 Concen: 19.812 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW005063.D
 Acq: 01 Sep 2018 04:27

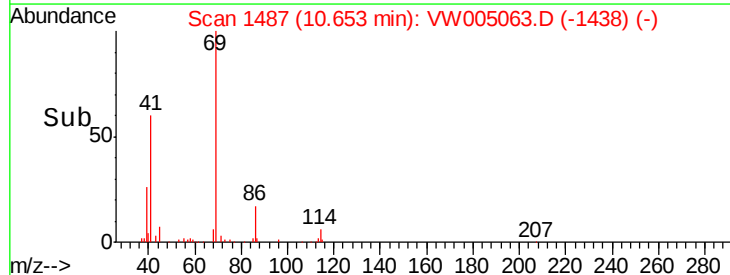
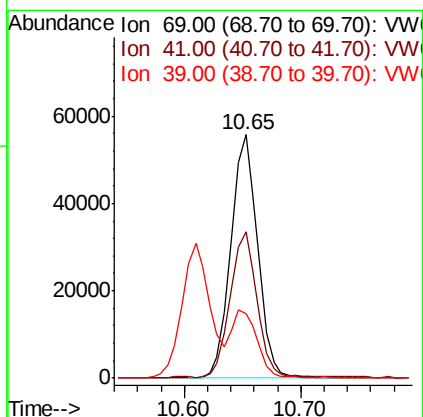
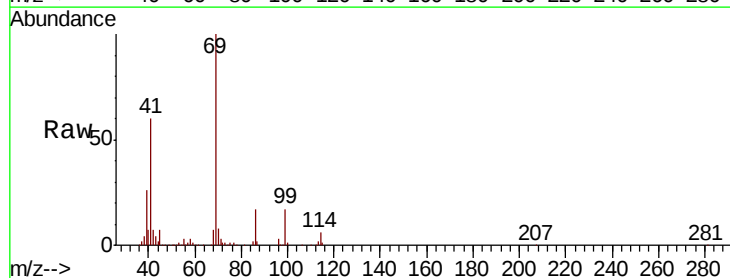
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS01

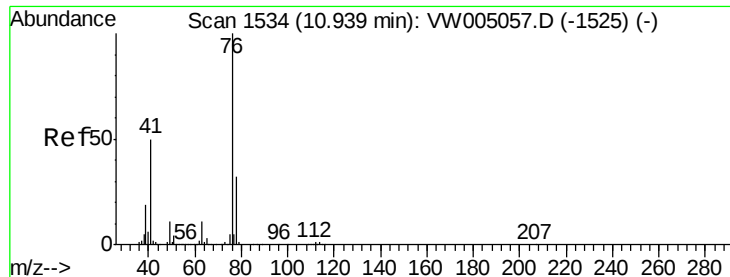
Tgt Ion:	97	Resp:	82827
Ion	Ratio	Lower	Upper
97	100		
83	86.5	67.0	100.6
85	55.1	42.3	63.5
99	60.6	48.5	72.7



#56
 Ethyl methacrylate
 Concen: 18.765 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW005063.D
 Acq: 01 Sep 2018 04:27

Tgt Ion:	69	Resp:	89500
Ion	Ratio	Lower	Upper
69	100		
41	59.8	47.8	71.6
39	26.1	21.1	31.7





#57

1,3-Dichloropropane

Concen: 19.994 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

ClientSampleId :

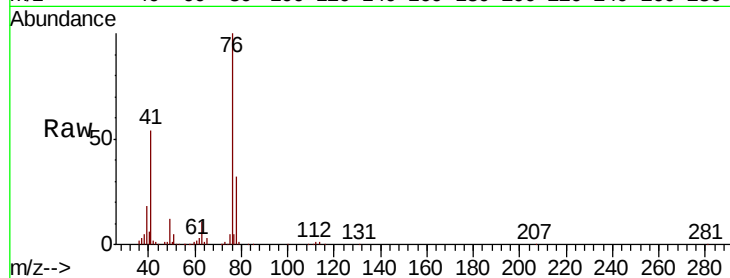
VW0901SBS01

Tgt Ion: 76 Resp: 137613

Ion Ratio Lower Upper

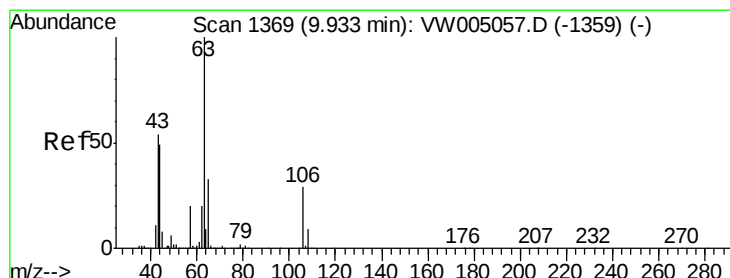
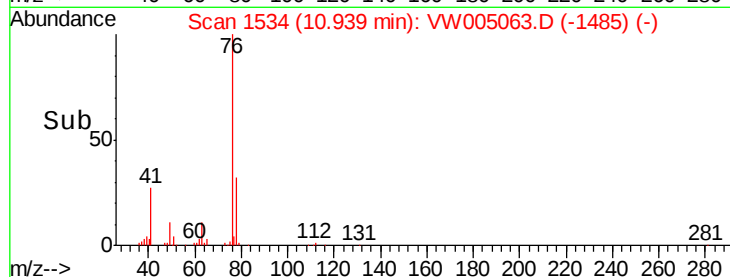
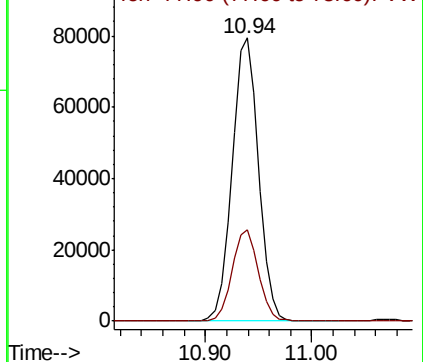
76 100

78 32.1 26.3 39.5



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 99.108 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VW005063.D

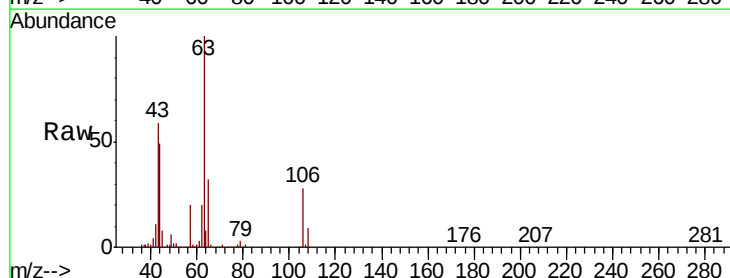
Acq: 01 Sep 2018 04:27

Tgt Ion: 63 Resp: 223989

Ion Ratio Lower Upper

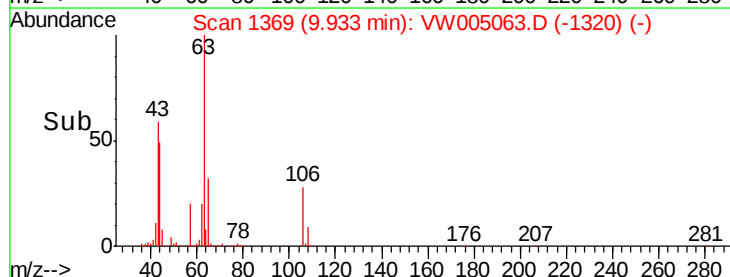
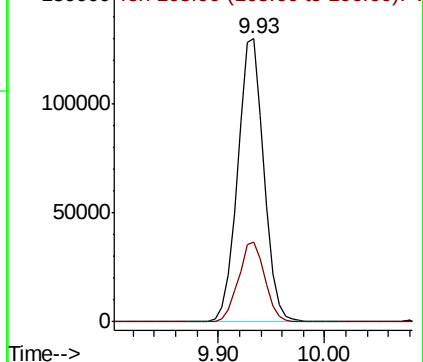
63 100

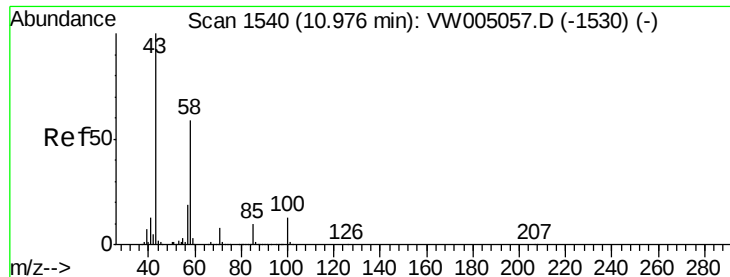
106 28.5 23.1 34.7



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

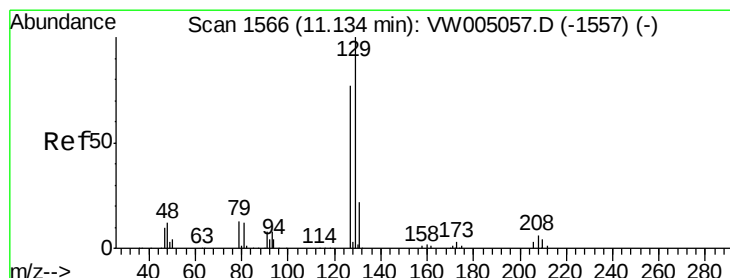
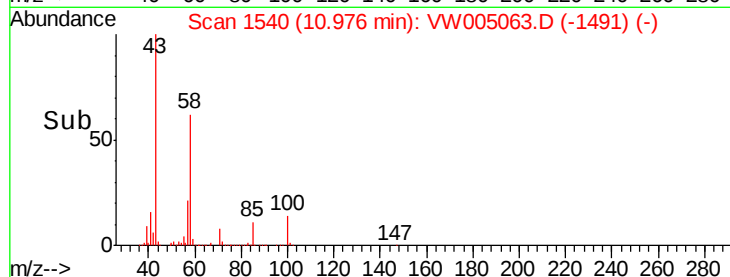
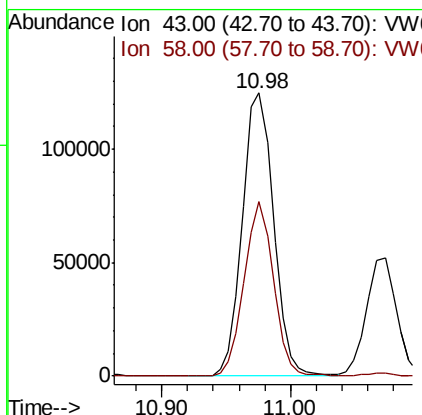
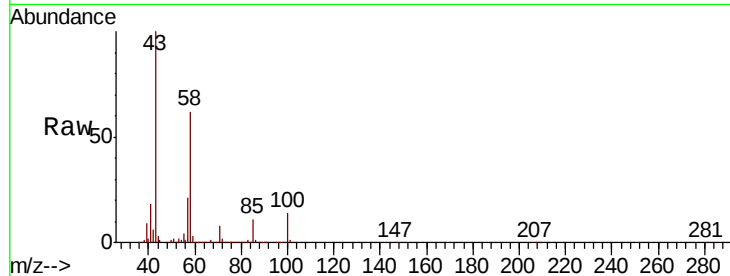




#59
2-Hexanone
Concen: 90.005 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

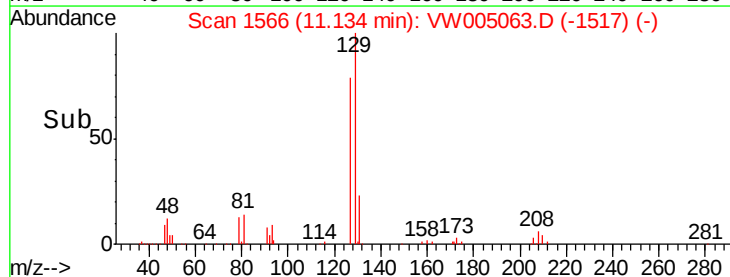
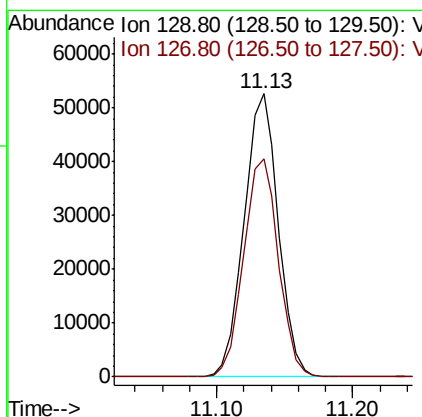
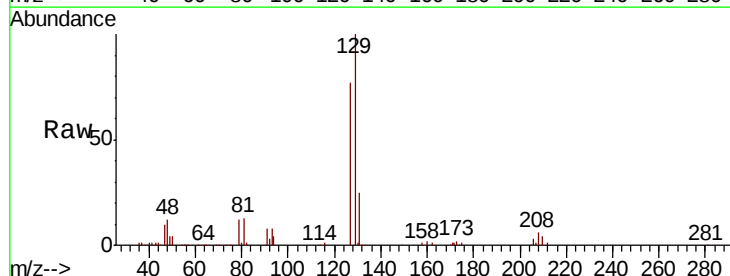
Instrument :
MSVOA_W
ClientSampled :
VW0901SBS01

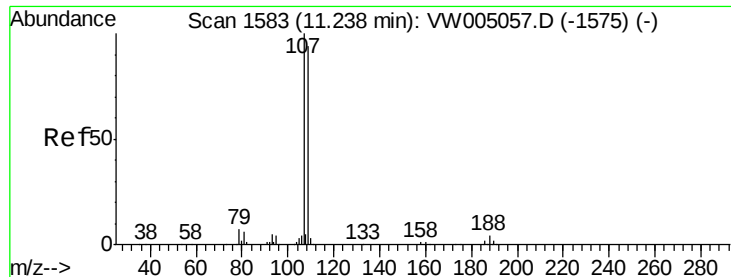
Tgt Ion: 43 Resp: 209638
Ion Ratio Lower Upper
43 100
58 58.0 28.7 86.3



#60
Dibromochloromethane
Concen: 19.581 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Tgt Ion: 129 Resp: 92545
Ion Ratio Lower Upper
129 100
127 78.2 38.9 116.7

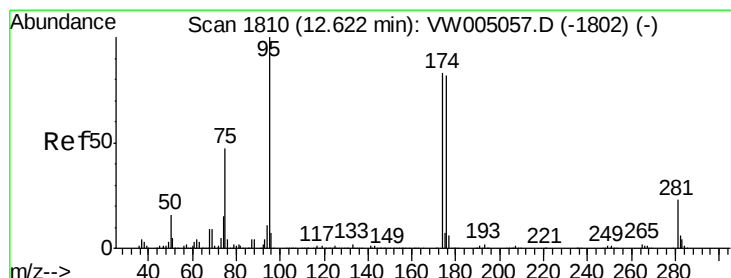
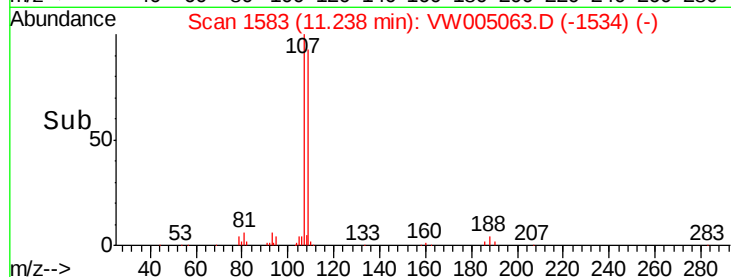
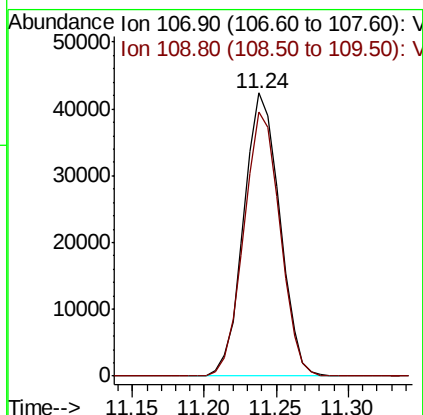
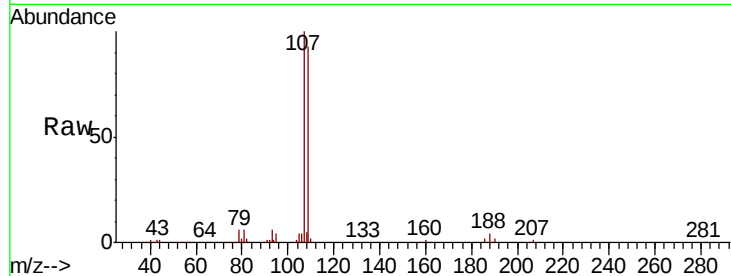




#61
 1,2-Dibromoethane
 Concen: 19.458 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW005063.D
 Acq: 01 Sep 2018 04:27

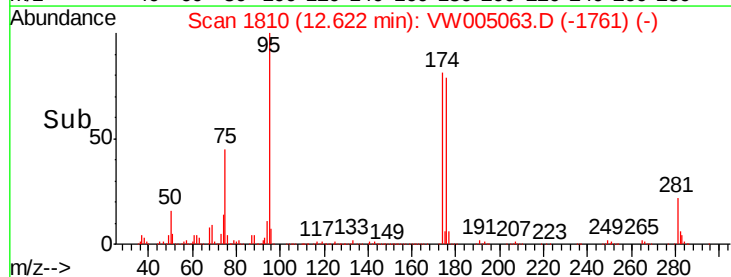
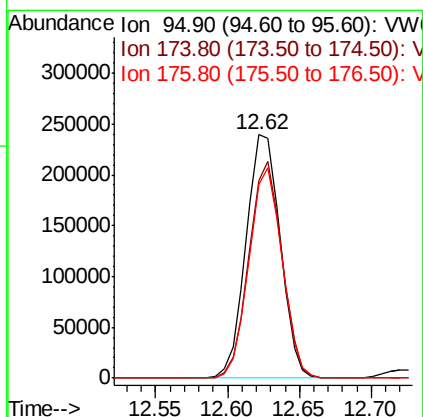
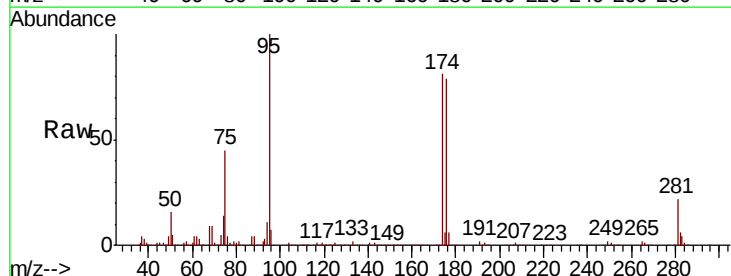
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS01

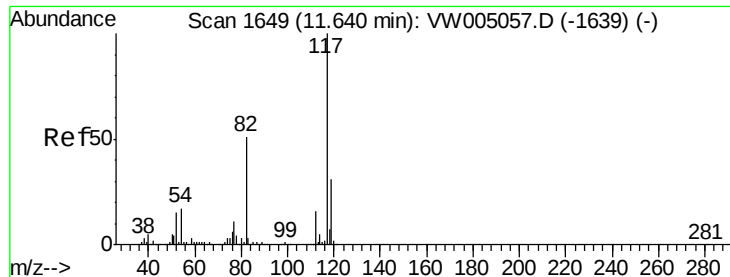
Tgt Ion: 107 Resp: 73441
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 52.806 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW005063.D
 Acq: 01 Sep 2018 04:27

Tgt Ion: 95 Resp: 393077
 Ion Ratio Lower Upper
 95 100
 174 85.7 0.0 173.4
 176 83.6 0.0 167.4

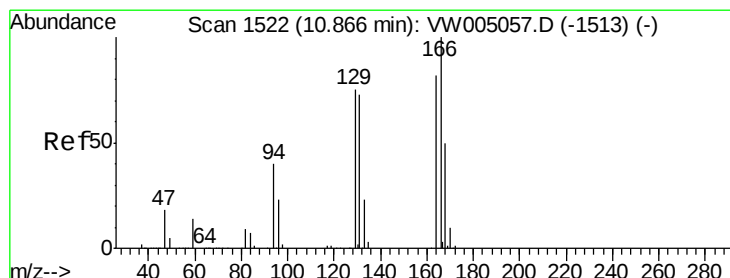
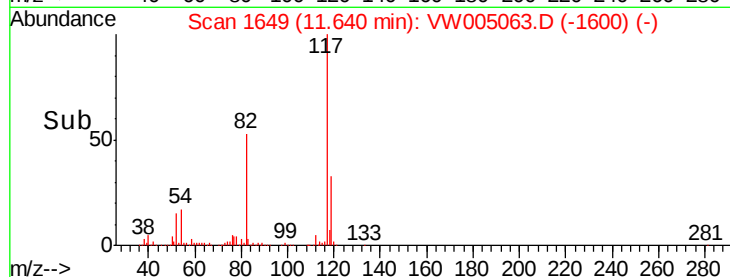
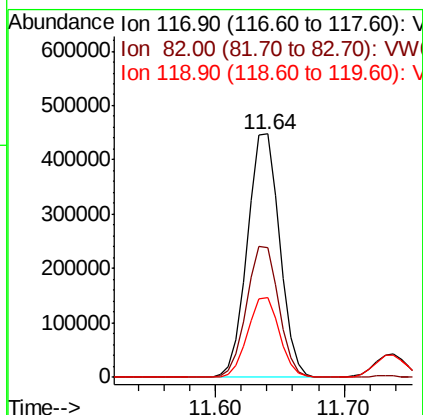
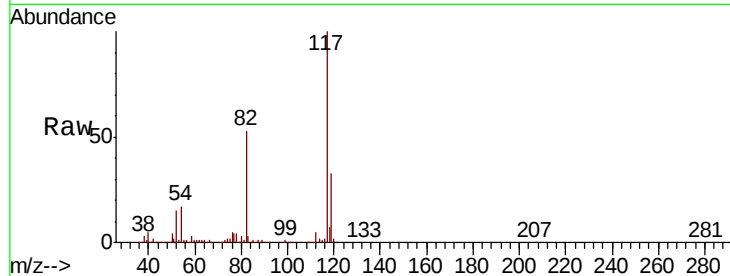




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

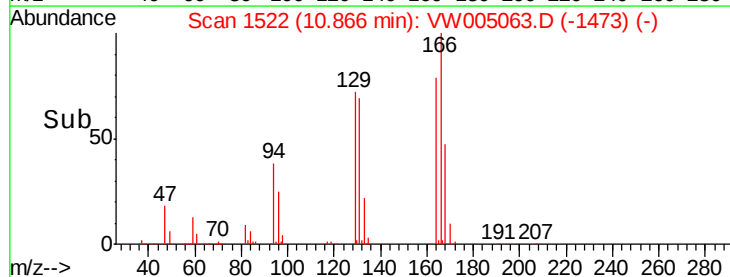
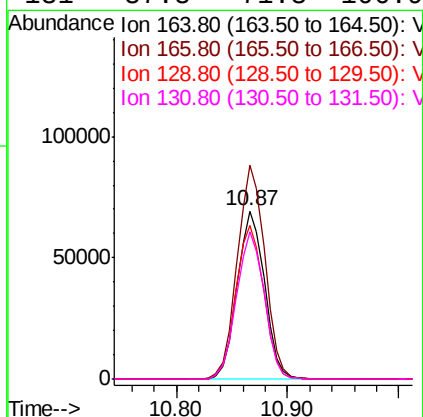
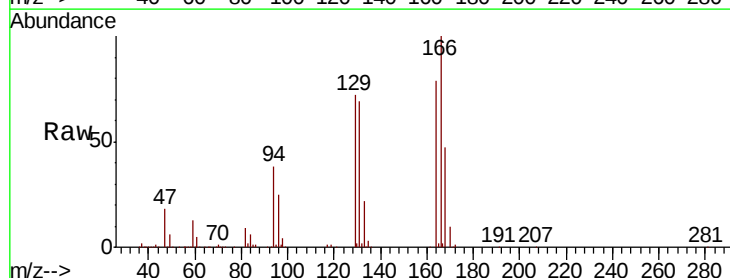
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS01

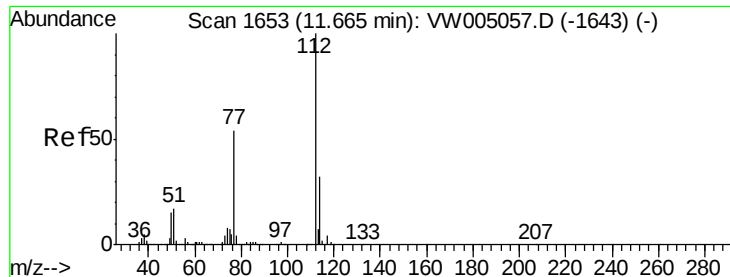
Tgt Ion:117 Resp: 773346
Ion Ratio Lower Upper
117 100
82 53.2 40.9 61.3
119 32.6 24.9 37.3



#64
Tetrachloroethene
Concen: 19.422 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Tgt Ion:164 Resp: 117846
Ion Ratio Lower Upper
164 100
166 127.0 97.3 145.9
129 91.3 73.1 109.7
131 87.8 71.3 106.9





#65

Chlorobenzene

Concen: 19.683 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

ClientSampleId :

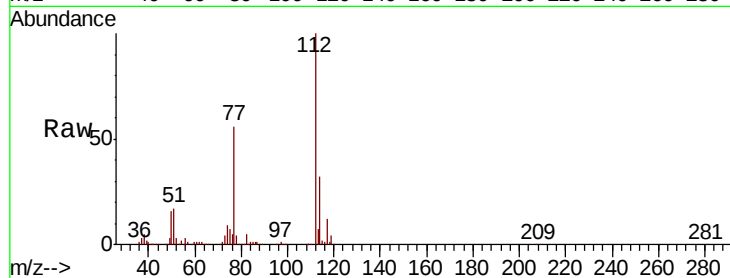
VW0901SBS01

Tgt Ion:112 Resp: 342673

Ion Ratio Lower Upper

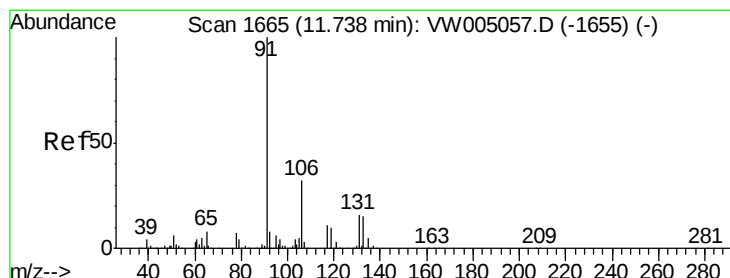
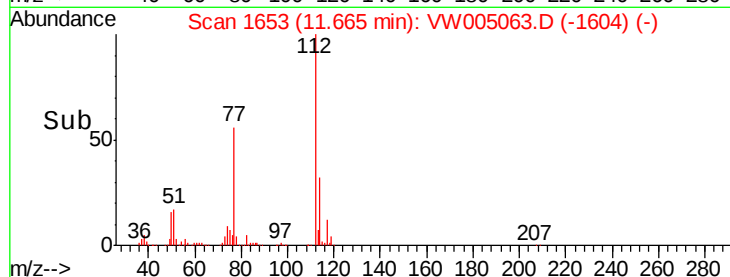
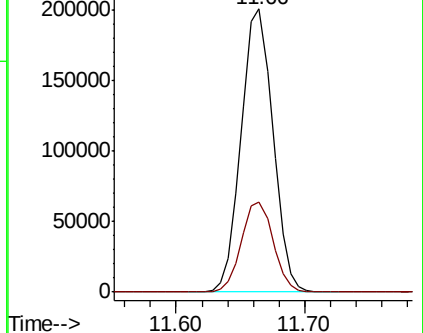
112 100

114 31.9 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: 19.830 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

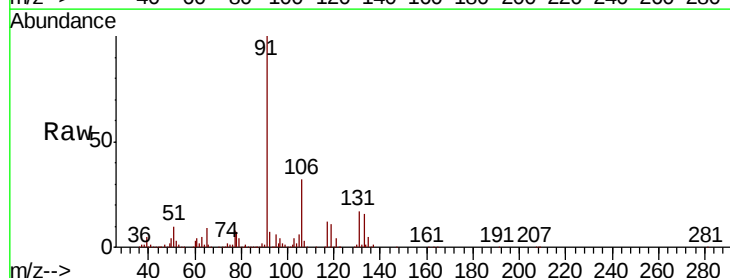
Tgt Ion:131 Resp: 105498

Ion Ratio Lower Upper

131 100

133 96.7 47.4 142.3

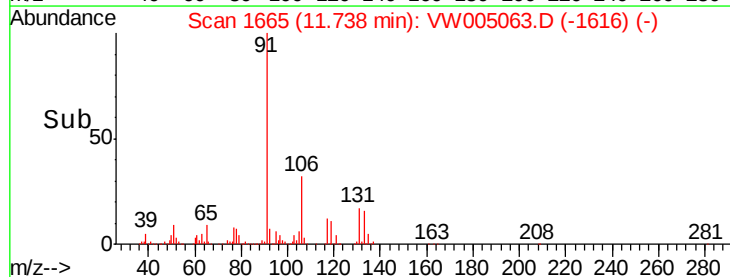
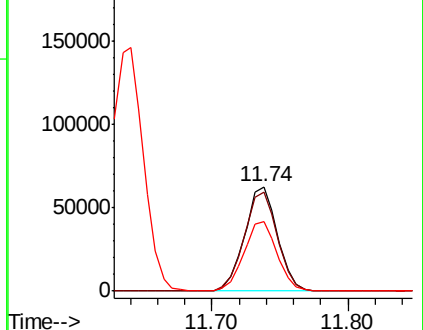
119 67.3 33.4 100.1

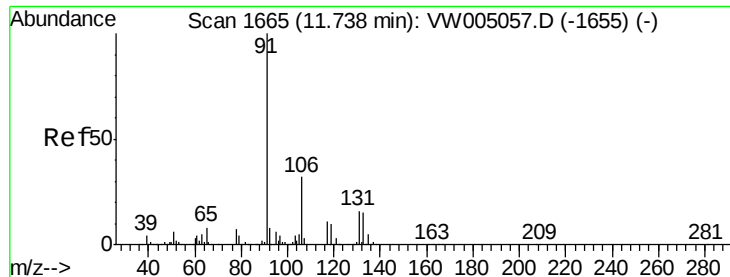


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

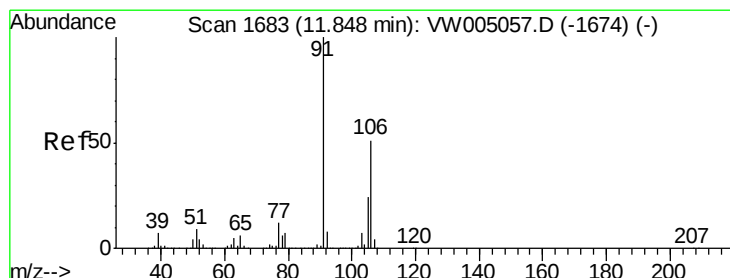
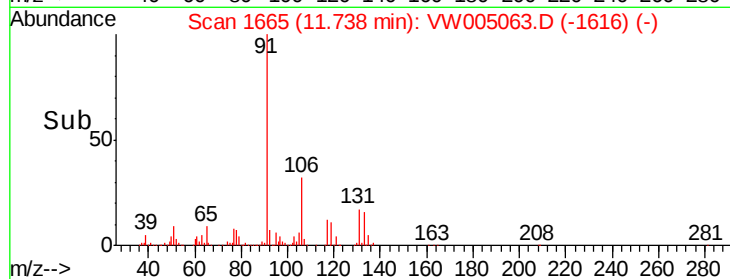
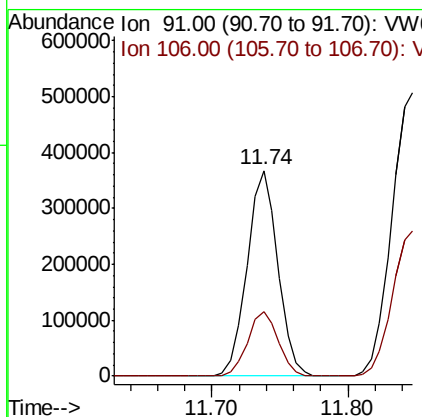
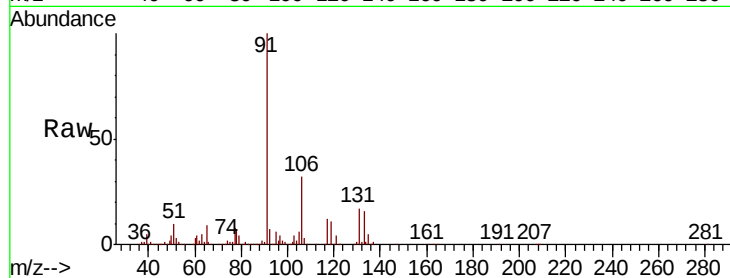




#67
Ethyl Benzene
Concen: 19.789 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

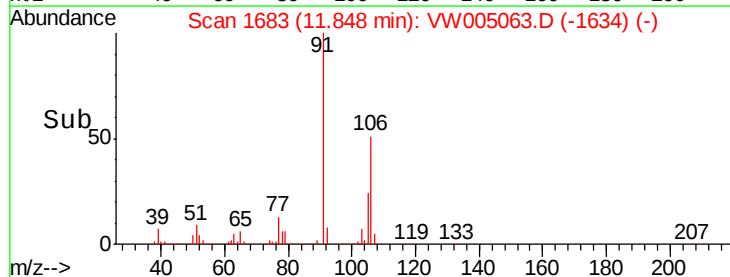
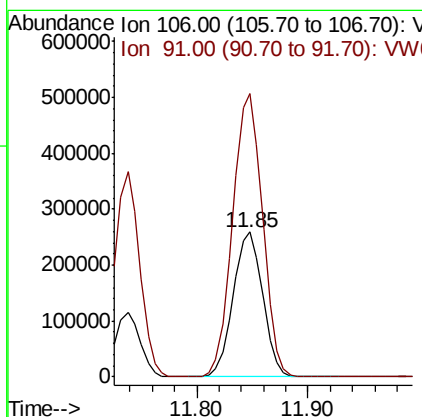
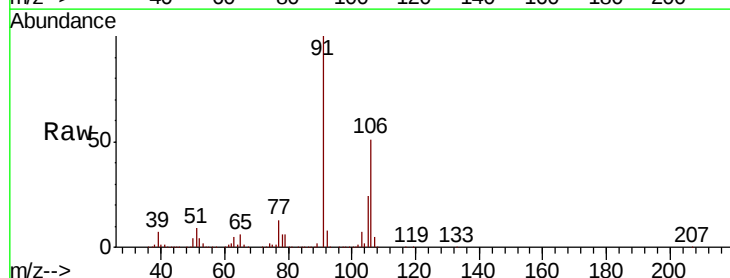
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS01

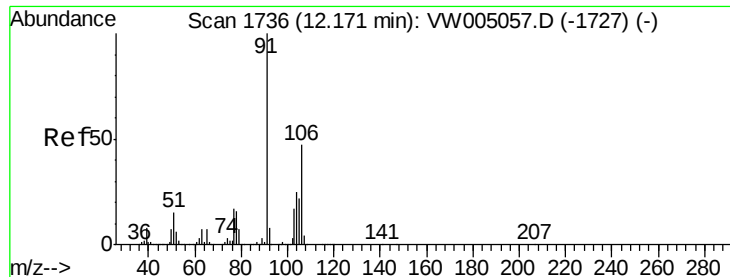
Tgt Ion: 91 Resp: 582431
Ion Ratio Lower Upper
91 100
106 31.5 25.3 37.9



#68
m/p-Xylenes
Concen: 40.363 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Tgt Ion: 106 Resp: 475661
Ion Ratio Lower Upper
106 100
91 197.7 158.4 237.6

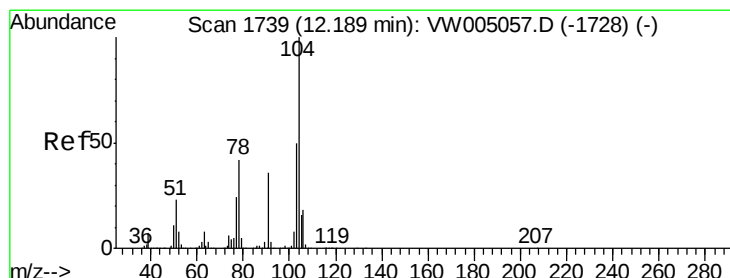
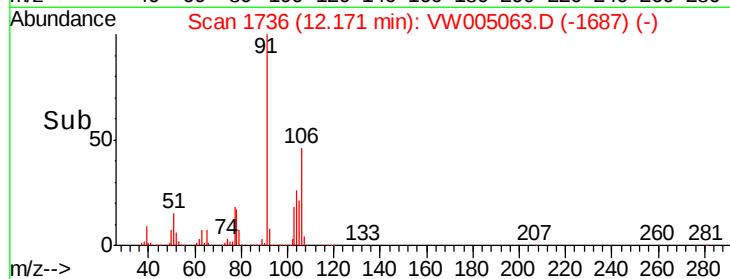
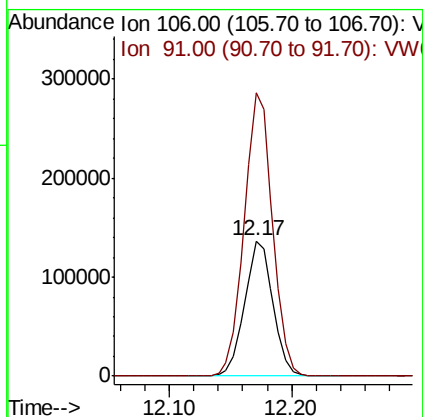
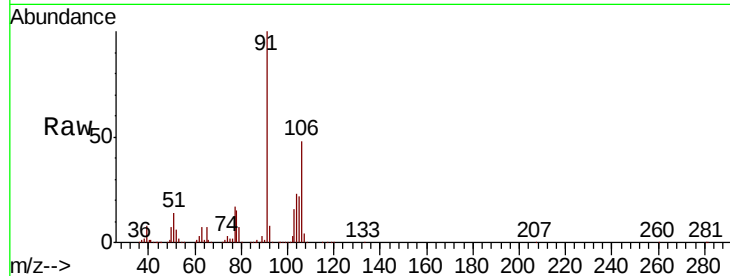




#69
o-Xylene
Concen: 20.028 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

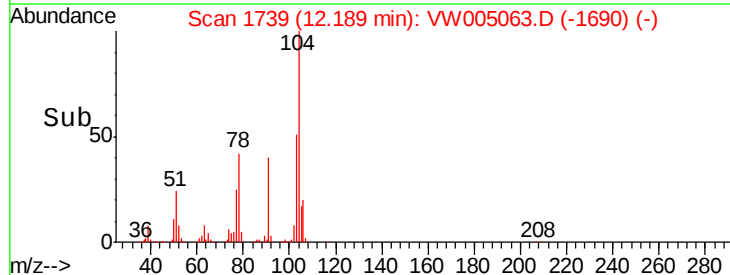
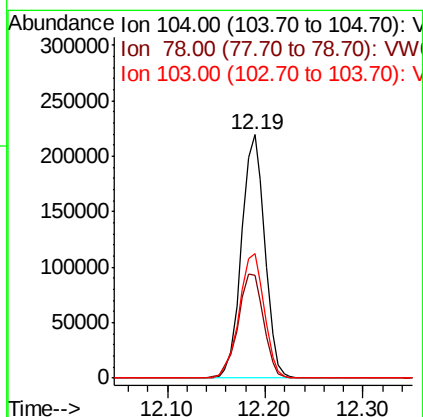
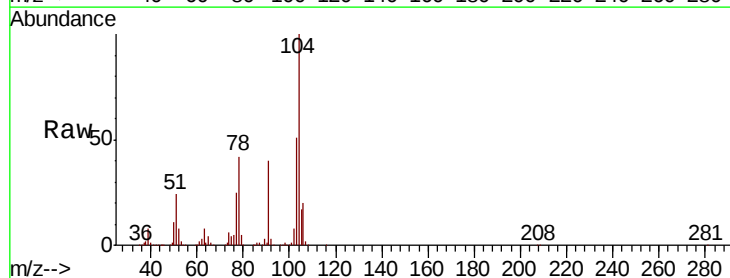
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS01

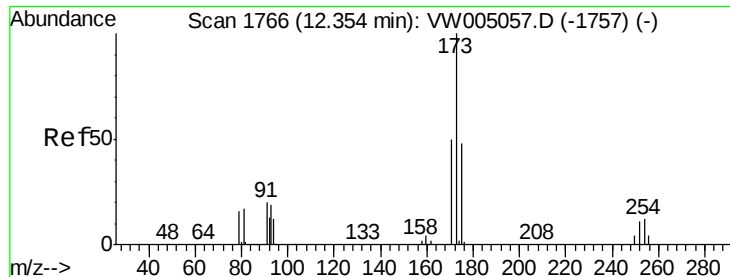
Tgt Ion:106 Resp: 218218
Ion Ratio Lower Upper
106 100
91 210.7 105.6 316.8



#70
Styrene
Concen: 20.141 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Tgt Ion:104 Resp: 362498
Ion Ratio Lower Upper
104 100
78 47.0 37.8 56.6
103 55.1 44.1 66.1

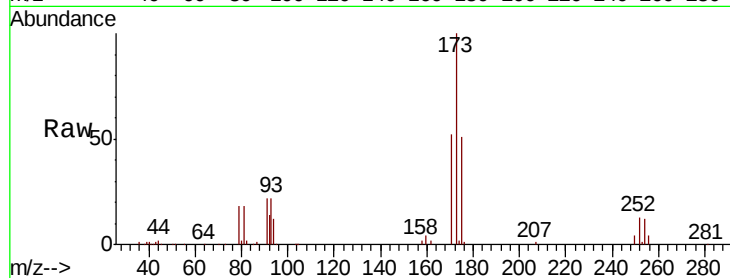




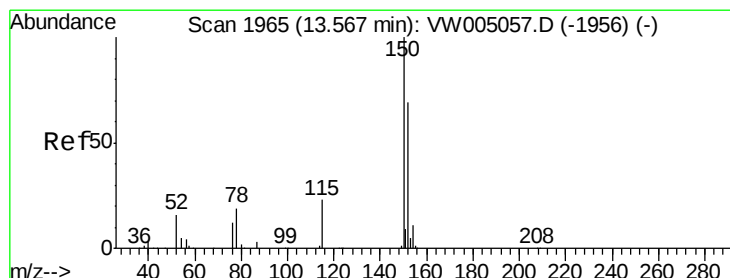
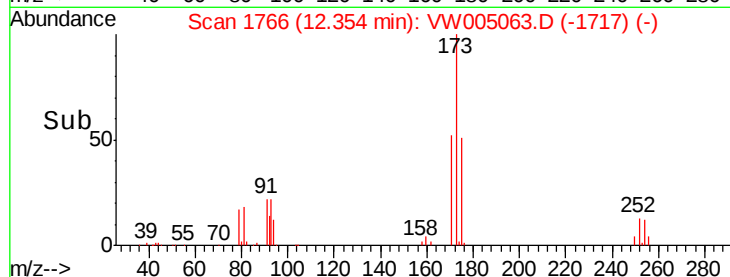
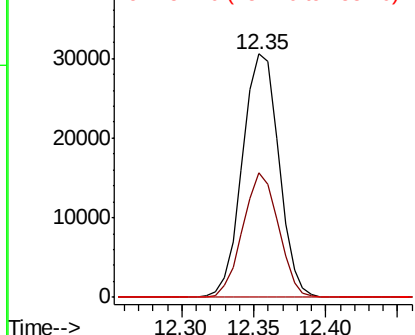
#71
Bromoform
Concen: 19.028 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS01

Tgt Ion:173 Resp: 53654
Ion Ratio Lower Upper
173 100
175 49.9 24.1 72.2
254 0.0 0.2 0.2#

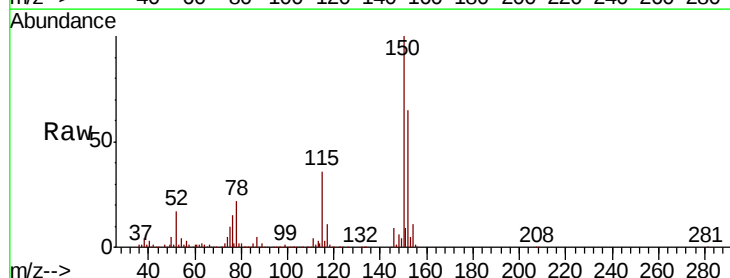


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

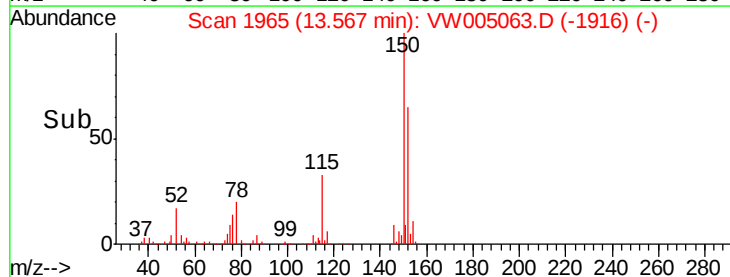
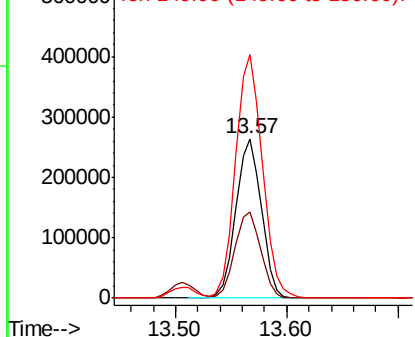


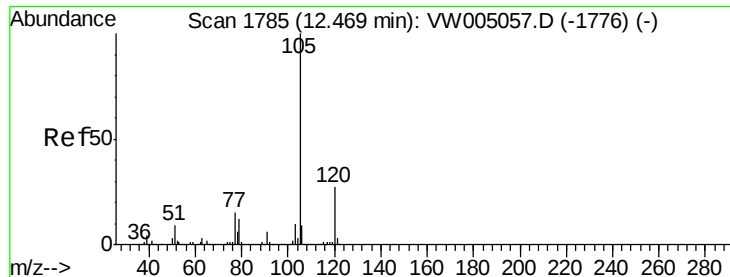
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Tgt Ion:152 Resp: 417149
Ion Ratio Lower Upper
152 100
115 55.1 27.8 83.4
150 160.9 0.0 351.4



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





#73

Isopropylbenzene

Concen: 19.975 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

ClientSampleId :

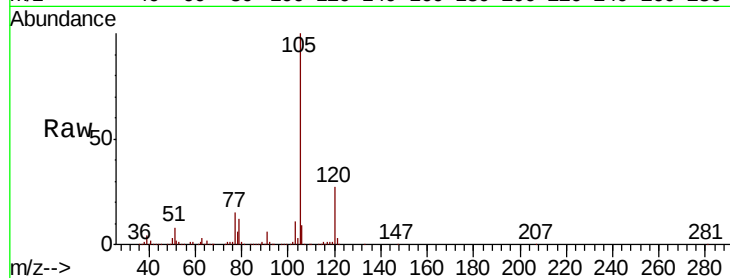
VW0901SBS01

Tgt Ion: 105 Resp: 587529

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

400000

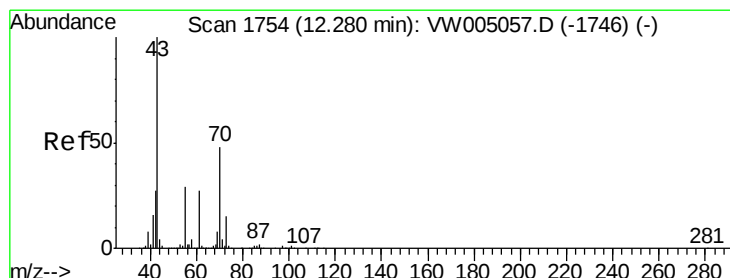
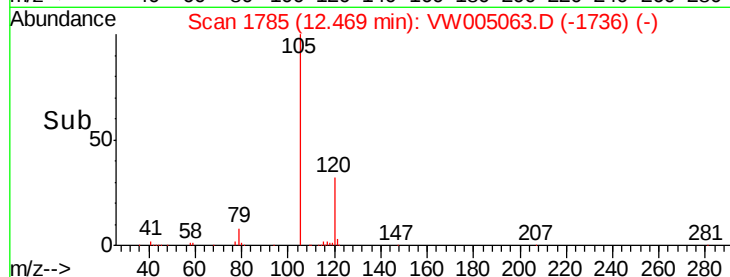
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 17.514 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Tgt Ion: 43 Resp: 88703

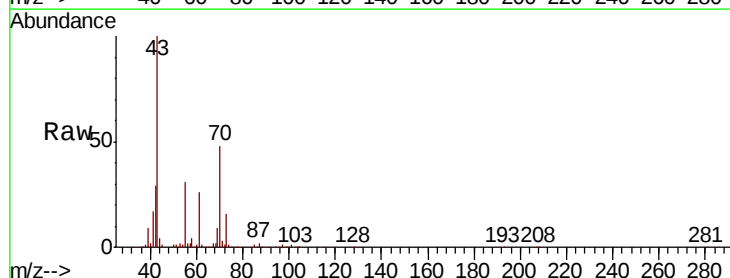
Ion Ratio Lower Upper

43 100

70 47.3 38.2 57.4

55 30.2 23.2 34.8

61 26.1 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

80000

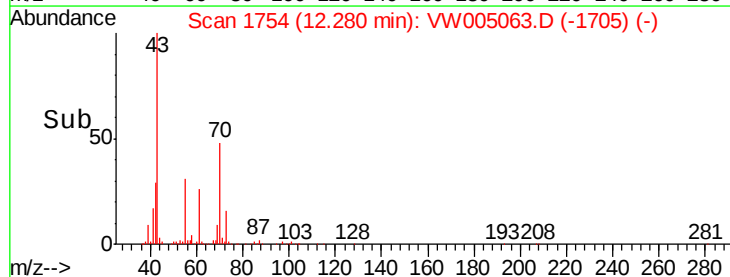
60000

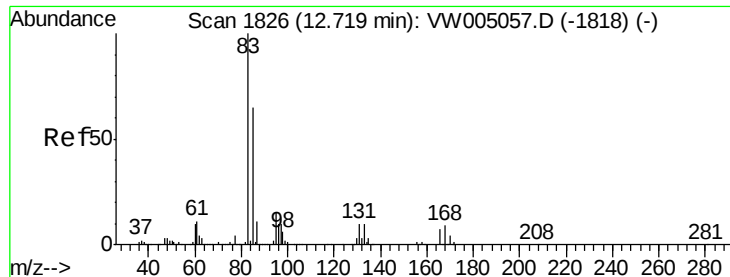
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.967 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS01

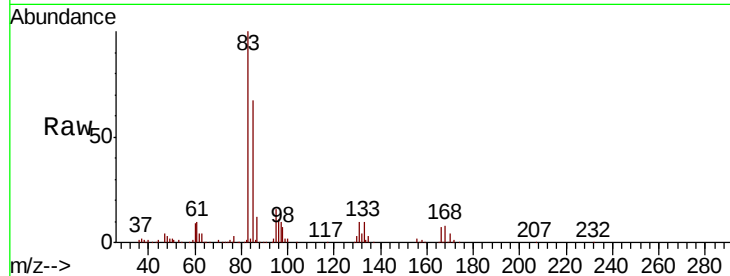
Tgt Ion: 83 Resp: 84930

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.4

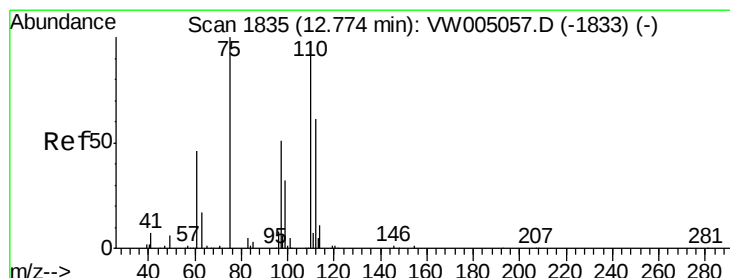
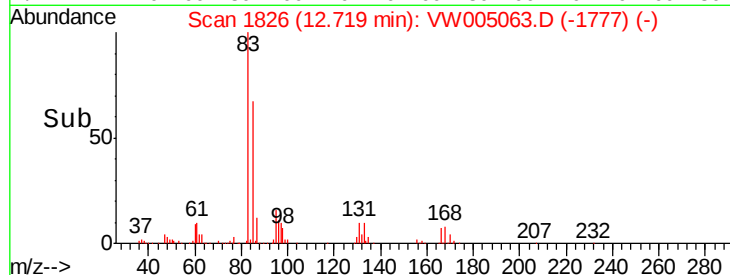
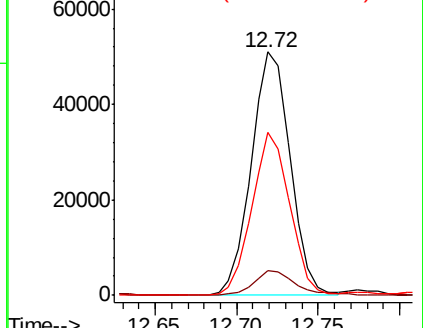
85 64.8 32.5 97.4



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: 34.738 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW005063.D

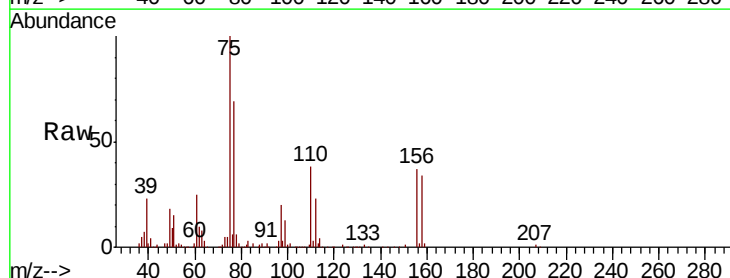
Acq: 01 Sep 2018 04:27

Tgt Ion: 75 Resp: 108773

Ion Ratio Lower Upper

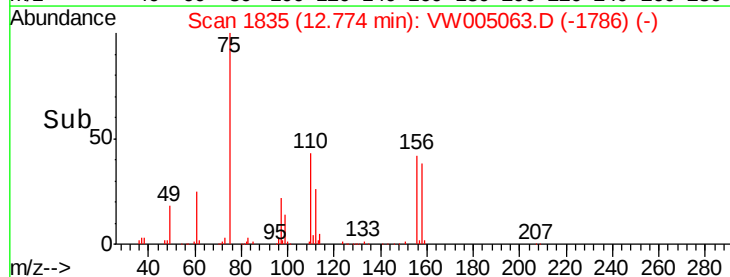
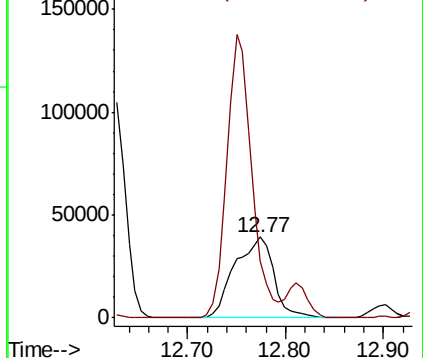
75 100

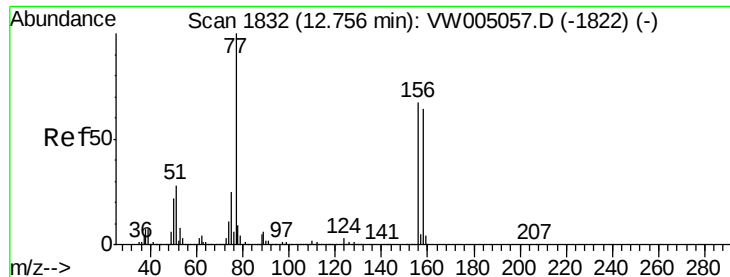
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.712 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS01

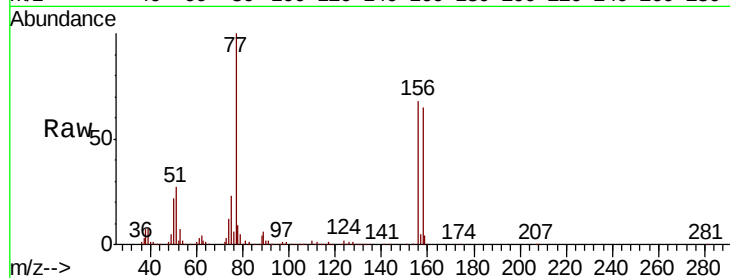
Tgt Ion: 156 Resp: 142862

Ion Ratio Lower Upper

156 100

77 171.0 85.8 257.4

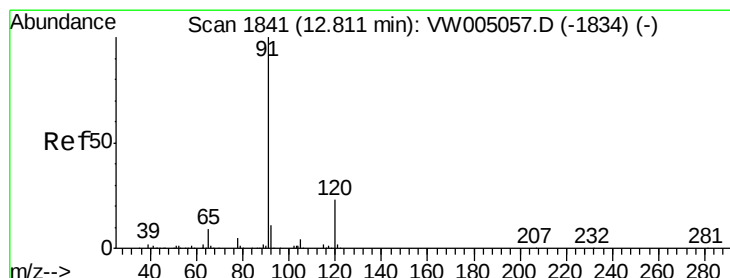
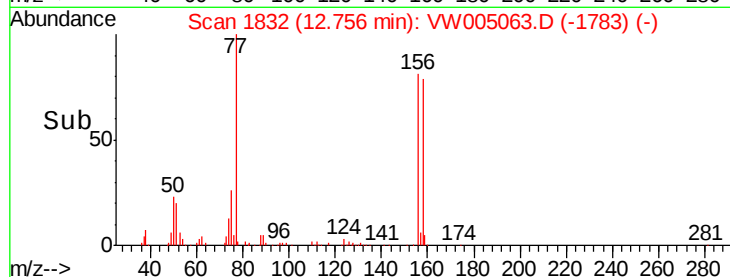
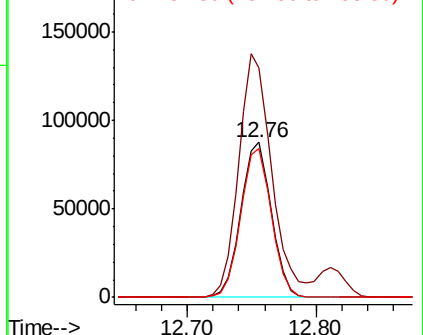
158 96.7 48.1 144.4



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: 20.014 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW005063.D

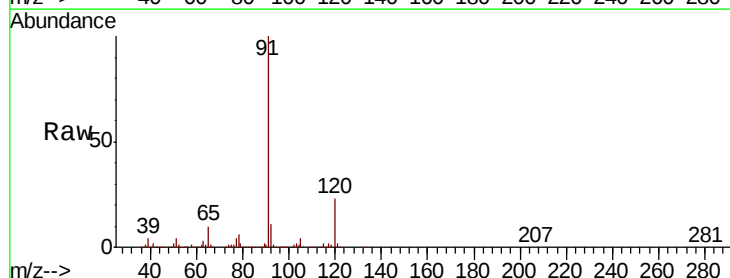
Acq: 01 Sep 2018 04:27

Tgt Ion: 91 Resp: 710643

Ion Ratio Lower Upper

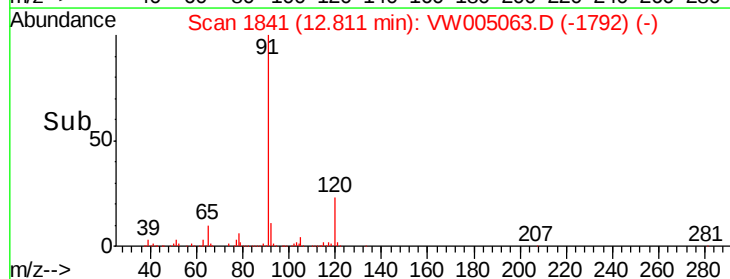
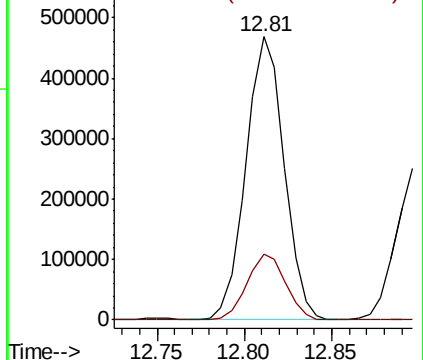
91 100

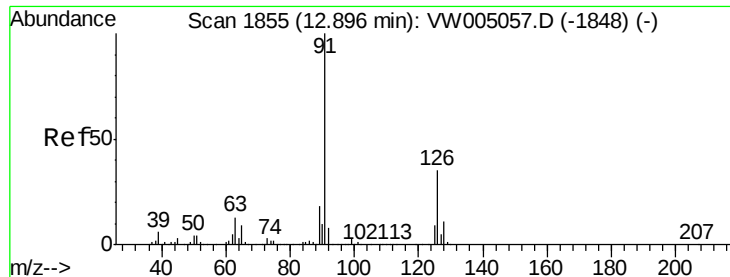
120 23.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

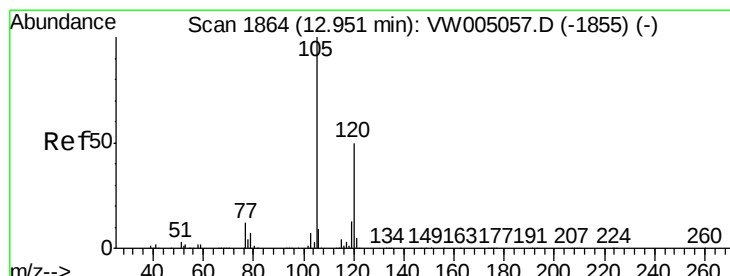
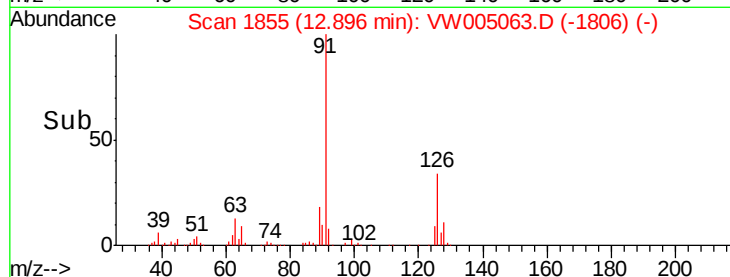
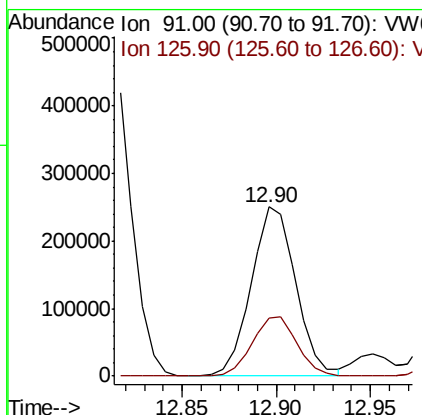
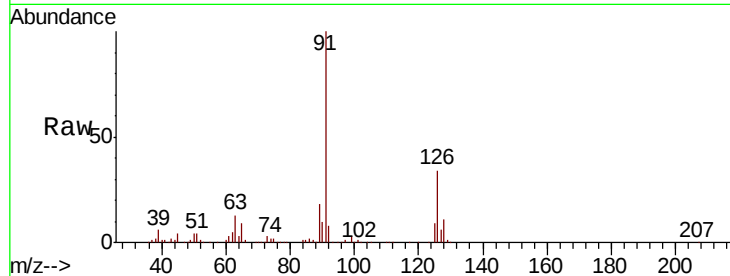




#79
 2-Chlorotoluene
 Concen: 19.746 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW005063.D
 Acq: 01 Sep 2018 04:27

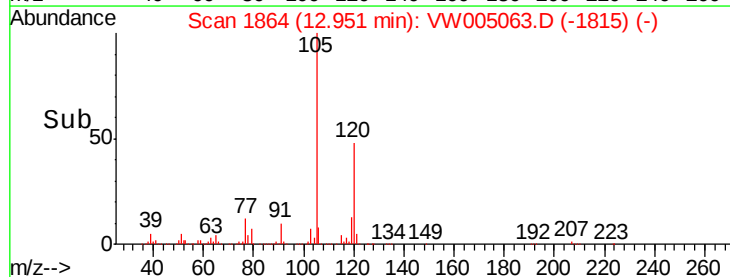
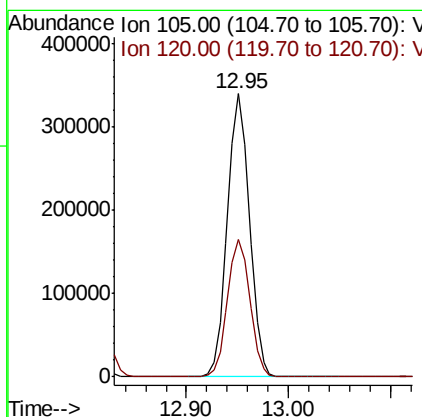
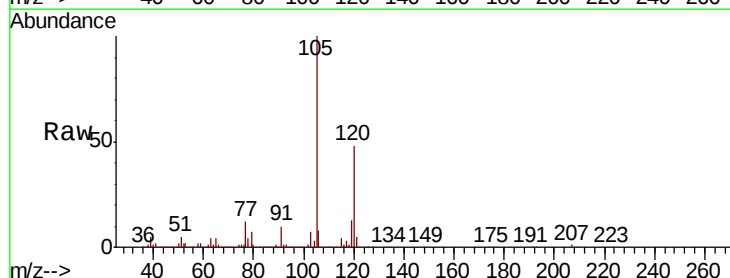
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS01

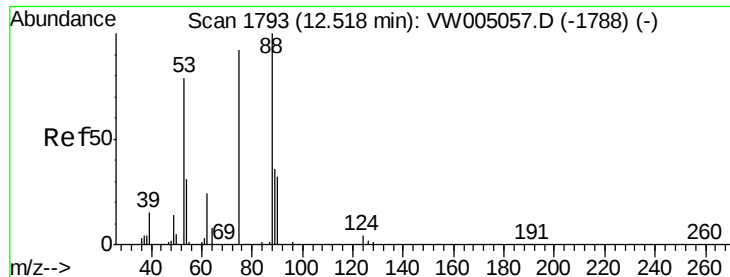
Tgt Ion: 91 Resp: 409050
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.084 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW005063.D
 Acq: 01 Sep 2018 04:27

Tgt Ion: 105 Resp: 510869
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.839 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS01

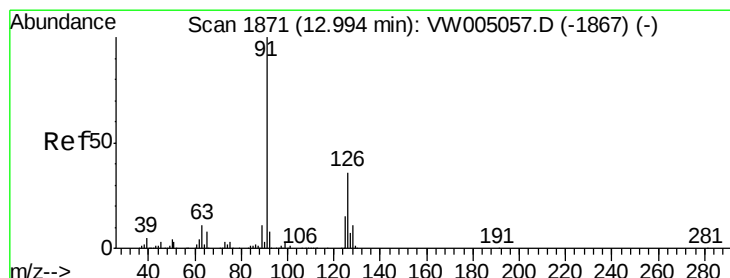
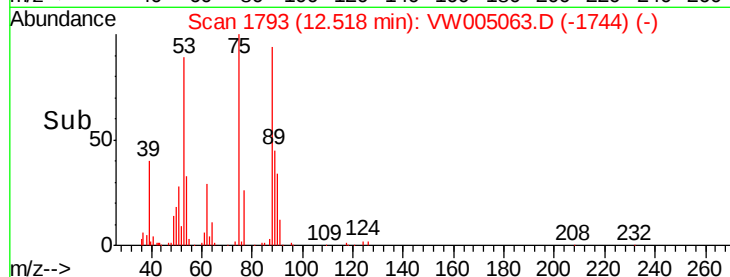
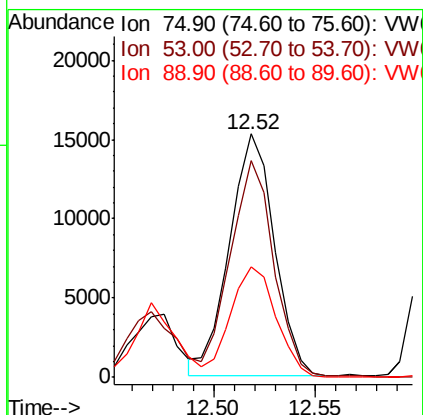
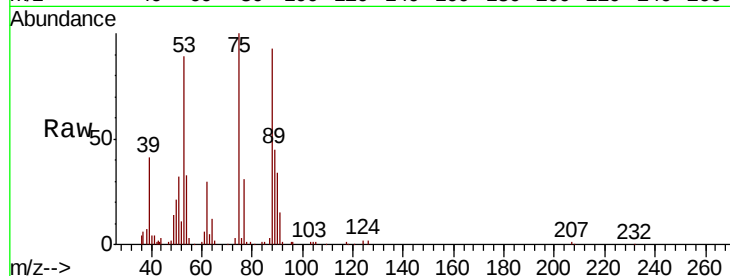
Tgt Ion: 75 Resp: 23208

Ion Ratio Lower Upper

75 100

53 87.6 69.8 104.8

89 46.7 36.0 54.0



#82

4-Chlorotoluene

Concen: 20.134 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VW005063.D

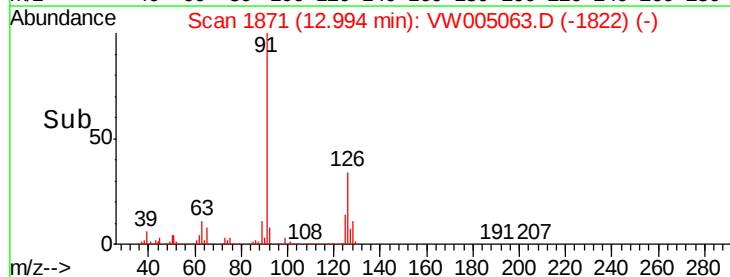
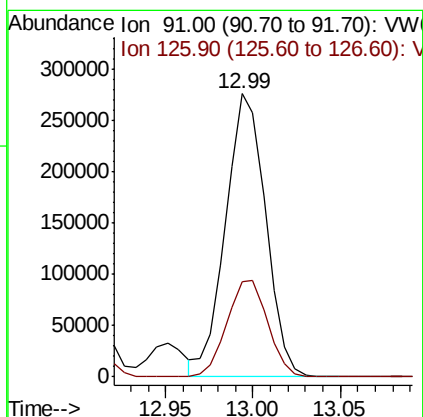
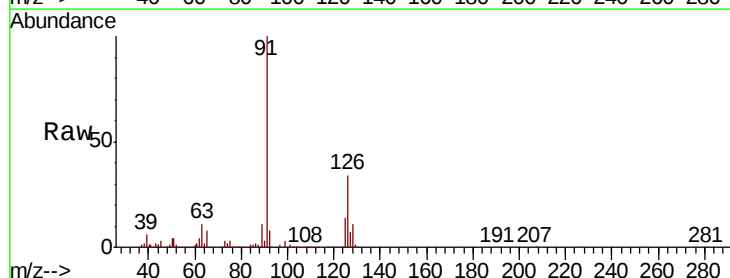
Acq: 01 Sep 2018 04:27

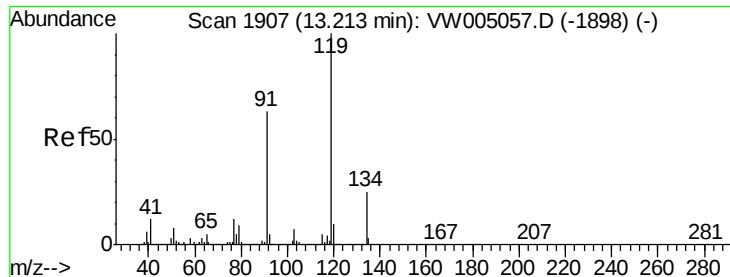
Tgt Ion: 91 Resp: 440438

Ion Ratio Lower Upper

91 100

126 34.9 17.4 52.3

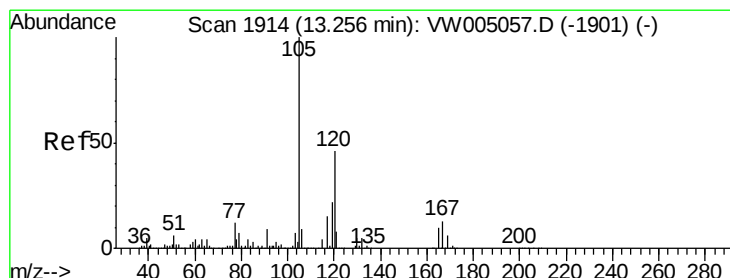
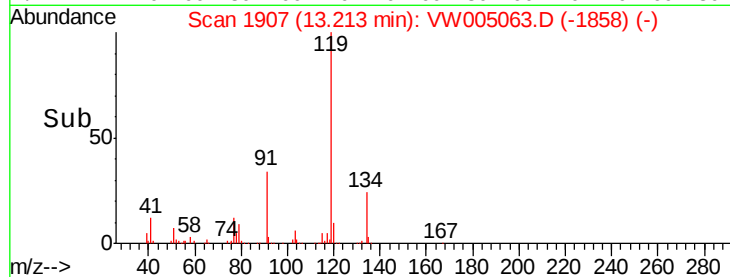
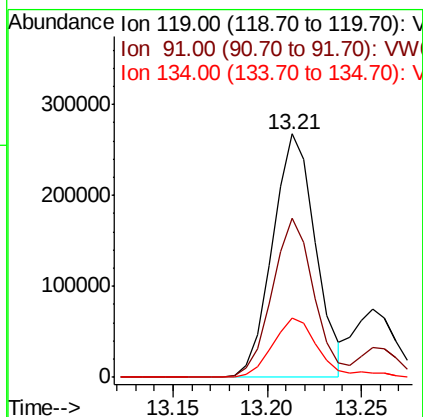
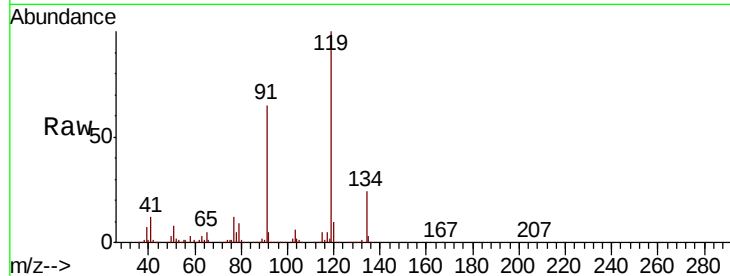




#83
tert-Butylbenzene
Concen: 19.923 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

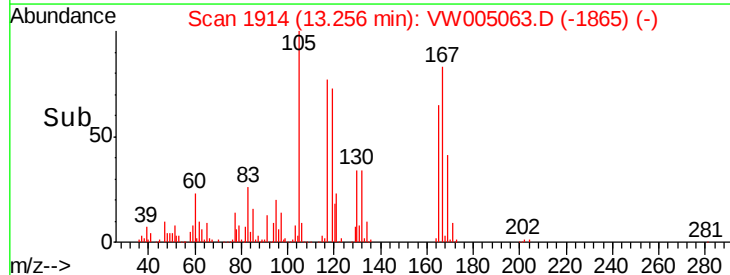
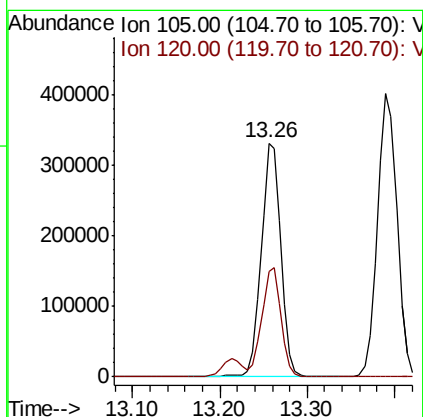
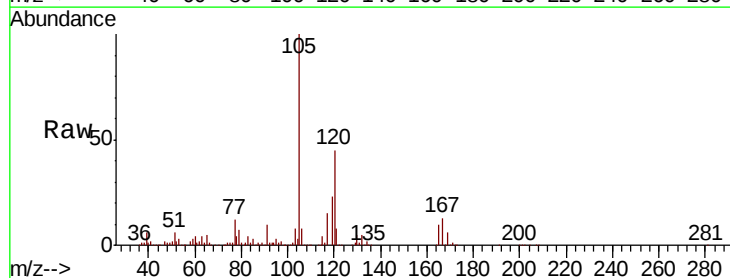
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS01

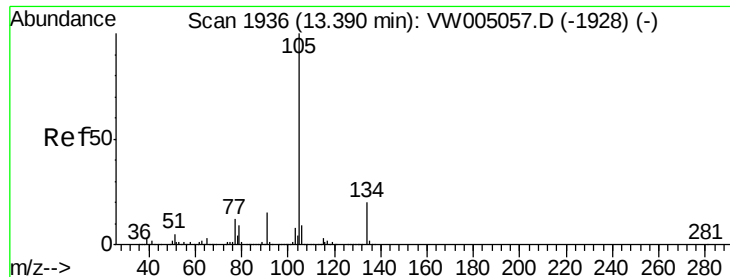
Tgt Ion:119 Resp: 423209
Ion Ratio Lower Upper
119 100
91 63.9 31.8 95.4
134 26.5 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 20.004 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. 0.00 min
Lab File: VW005063.D
Acq: 01 Sep 2018 04:27

Tgt Ion:105 Resp: 518206
Ion Ratio Lower Upper
105 100
120 45.8 23.1 69.3

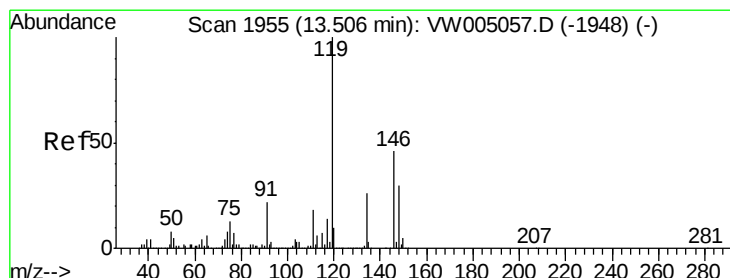
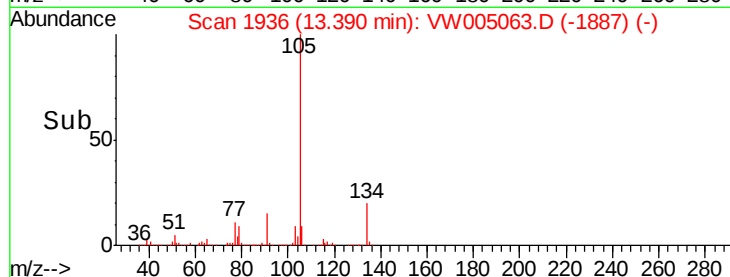
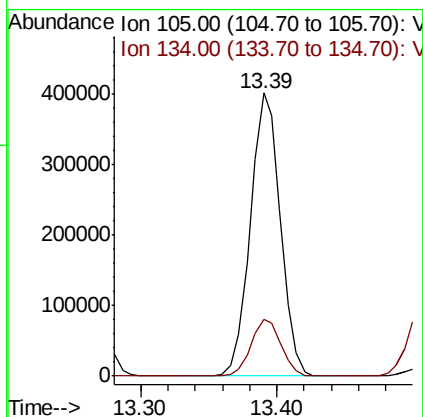
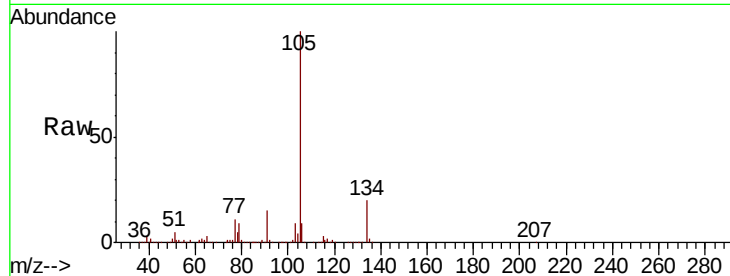




#85
 sec-Butylbenzene
 Concen: 19.834 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW005063.D
 Acq: 01 Sep 2018 04:27

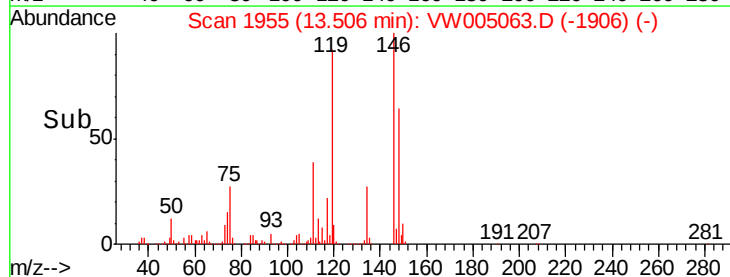
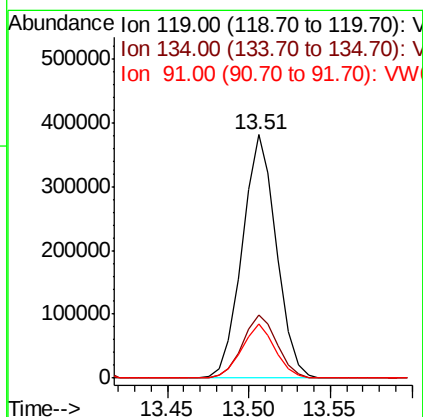
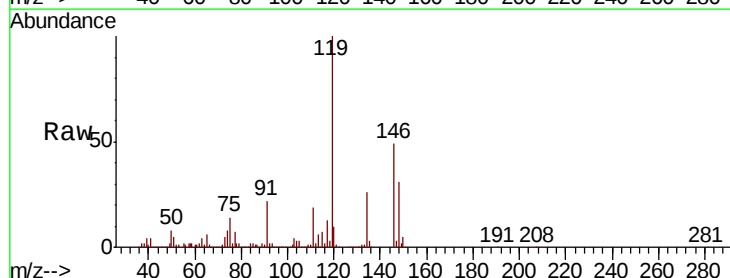
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS01

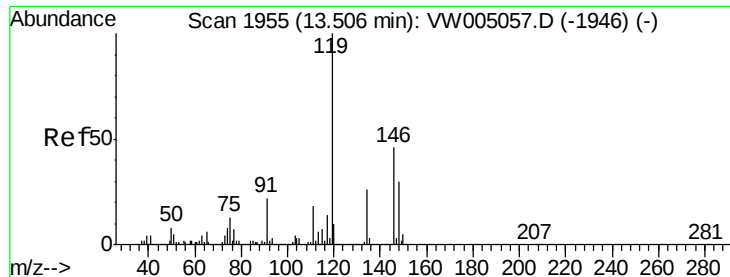
Tgt Ion:105 Resp: 619150
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 20.016 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW005063.D
 Acq: 01 Sep 2018 04:27

Tgt Ion:119 Resp: 553104
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 21.7 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 19.662 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS01

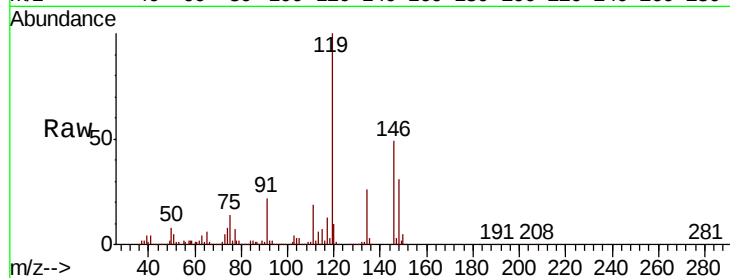
Tgt Ion:146 Resp: 292713

Ion Ratio Lower Upper

146 100

111 38.8 19.2 57.6

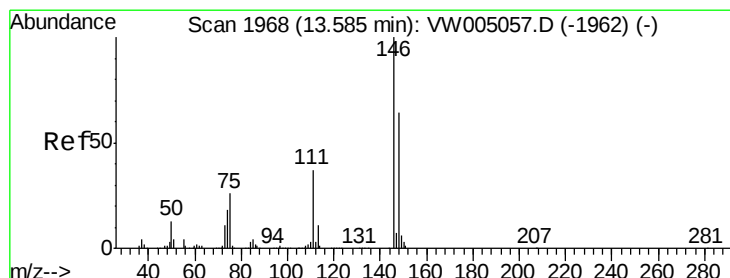
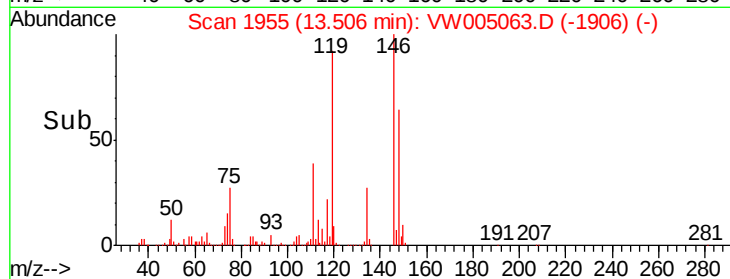
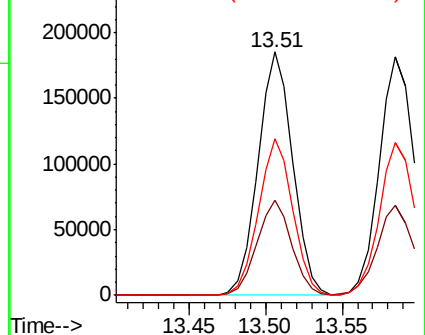
148 63.6 31.9 95.7



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



#88

1,4-Dichlorobenzene

Concen: 19.491 ug/l

RT: 13.59 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

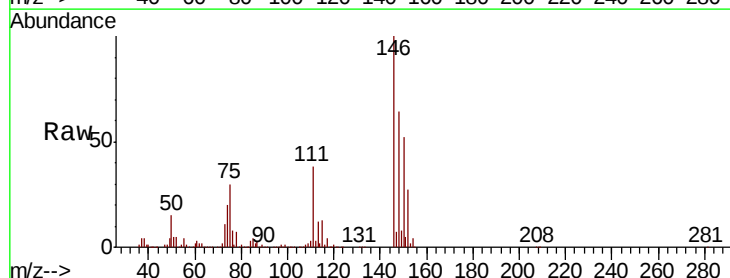
Tgt Ion:146 Resp: 287842

Ion Ratio Lower Upper

146 100

111 38.7 18.6 56.0

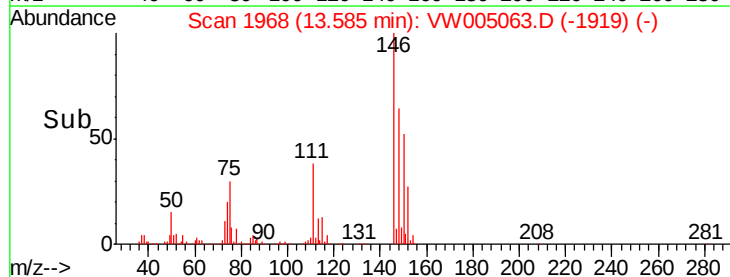
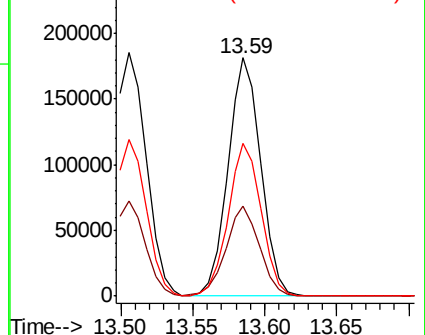
148 64.5 32.0 96.0

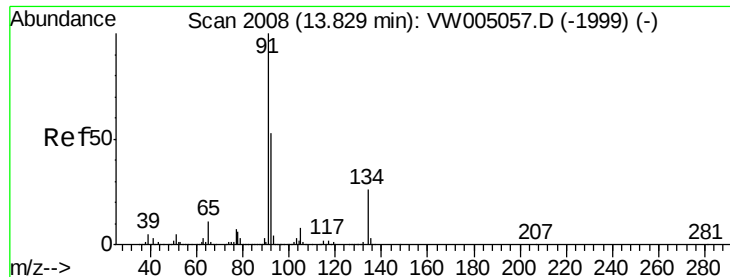


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 19.489 ug/l

RT: 13.83 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS01

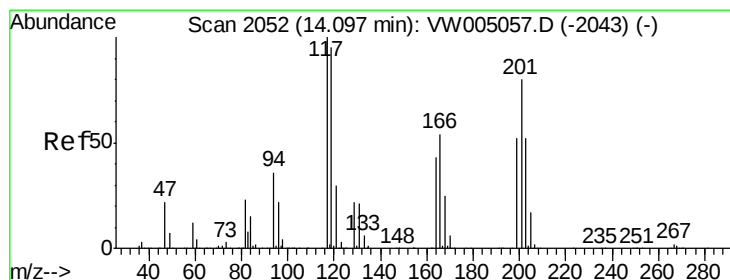
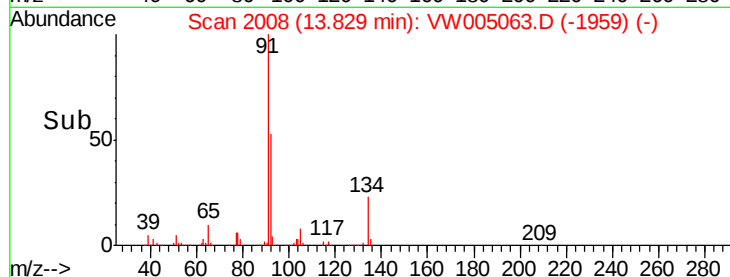
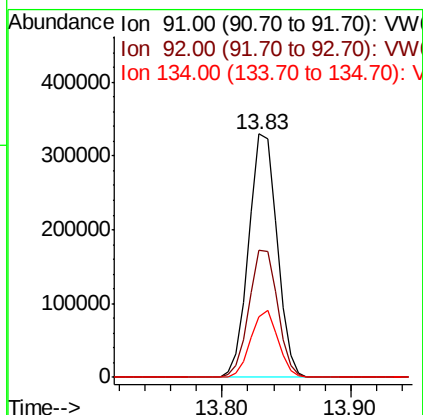
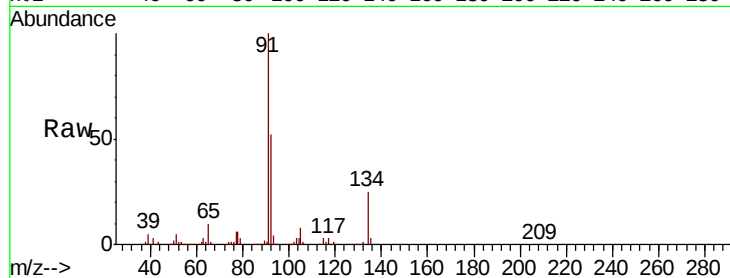
Tgt Ion: 91 Resp: 499115

Ion Ratio Lower Upper

91 100

92 52.8 26.5 79.5

134 26.5 13.5 40.4



#90

Hexachloroethane

Concen: 19.395 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.01 min

Lab File: VW005063.D

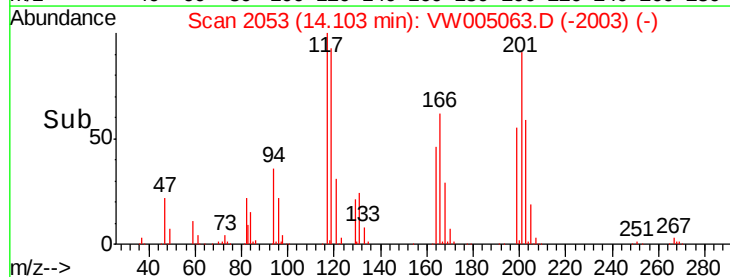
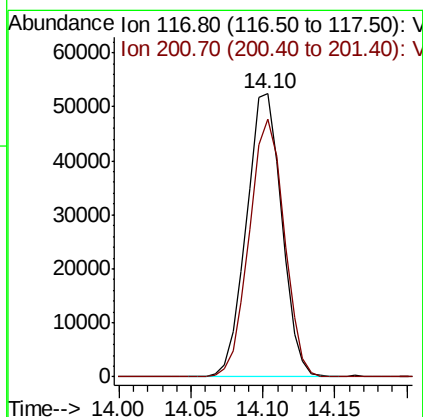
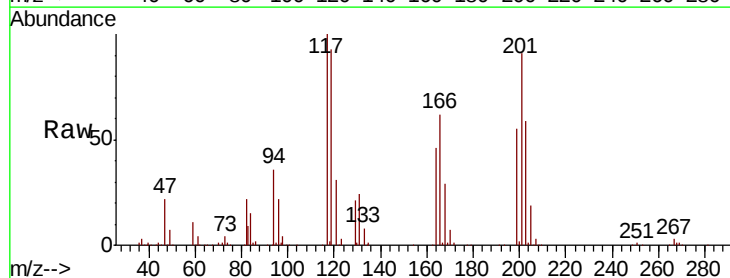
Acq: 01 Sep 2018 04:27

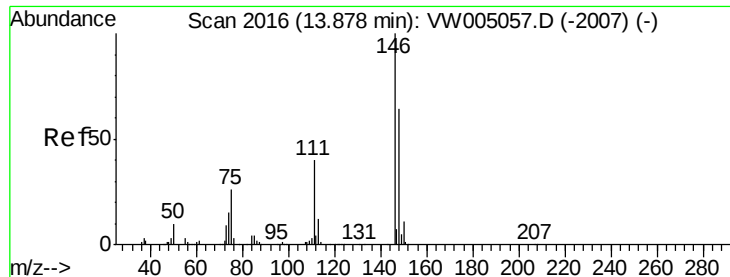
Tgt Ion: 117 Resp: 89026

Ion Ratio Lower Upper

117 100

201 89.7 44.6 133.8





#91

1,2-Dichlorobenzene

Concen: 19.805 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS01

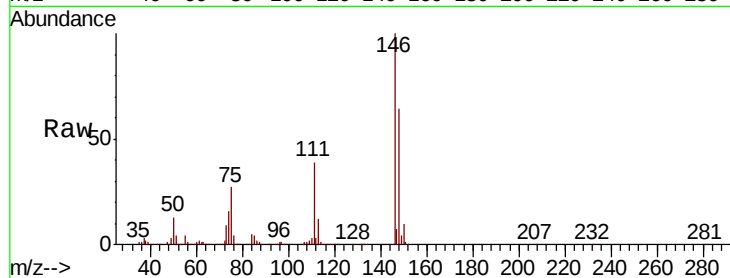
Tgt Ion:146 Resp: 256990

Ion Ratio Lower Upper

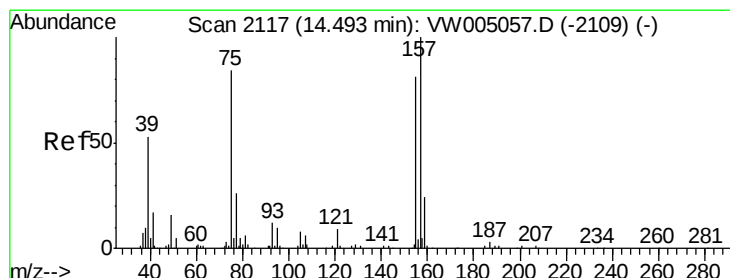
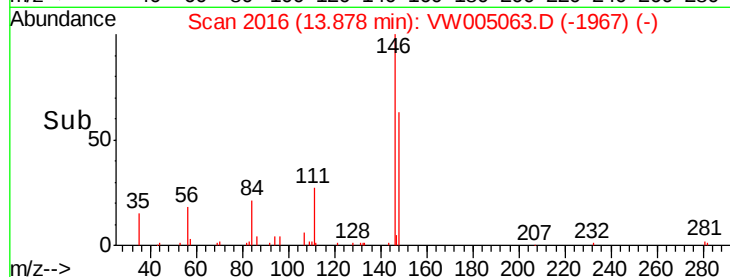
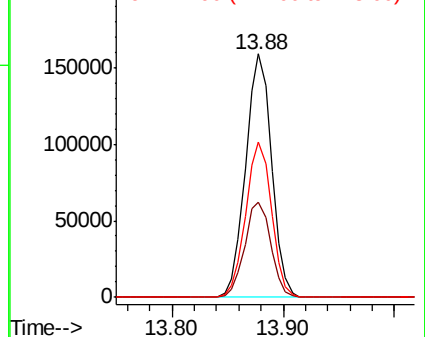
146 100

111 39.4 19.9 59.7

148 63.4 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: 17.643 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

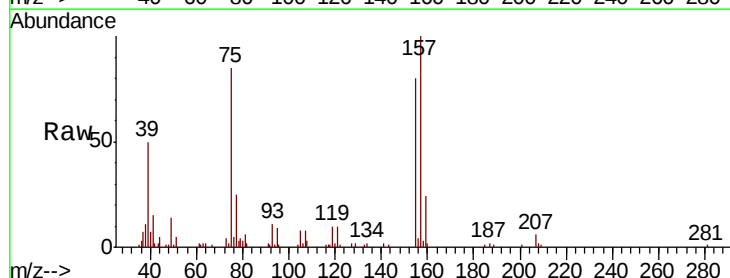
Tgt Ion: 75 Resp: 12345

Ion Ratio Lower Upper

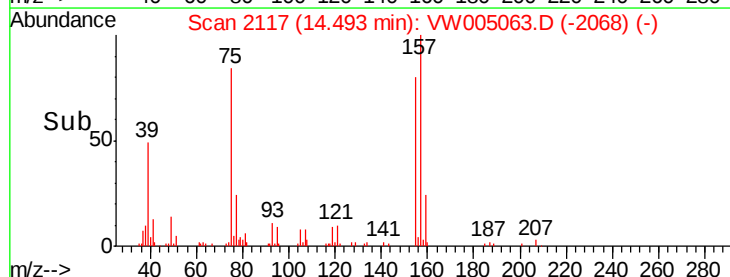
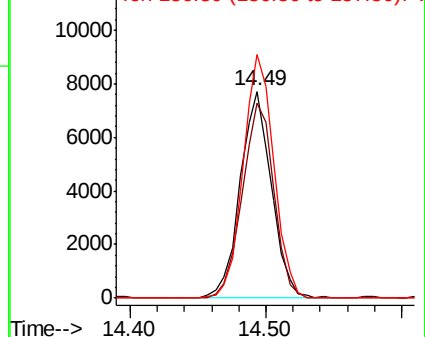
75 100

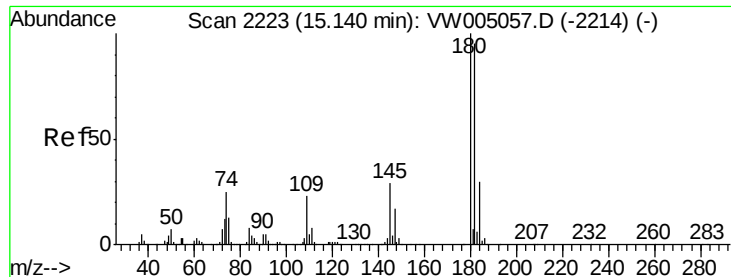
155 94.9 46.0 137.8

157 116.0 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

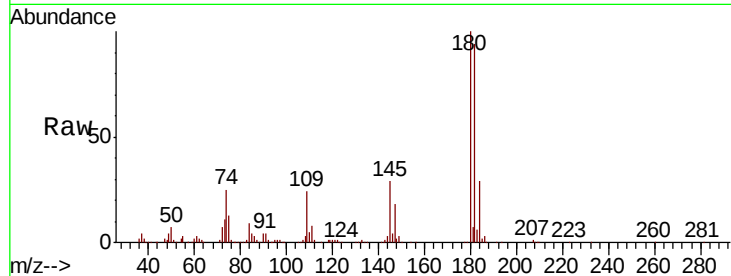




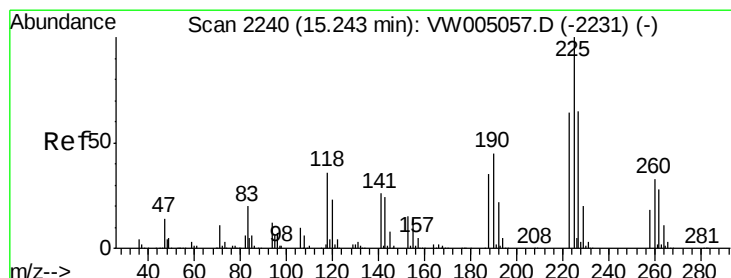
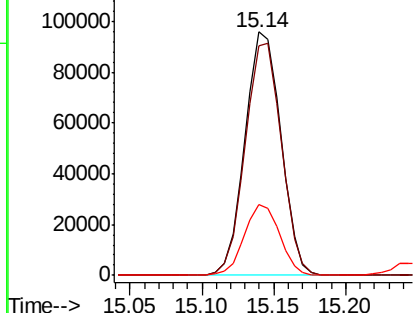
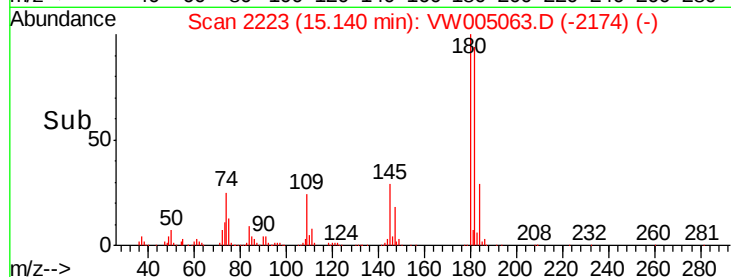
#93
 1,2,4-Trichlorobenzene
 Concen: 18.997 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: VW005063.D
 Acq: 01 Sep 2018 04:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS01

Tgt Ion:180 Resp: 165280
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.5 142.6
 145 28.5 14.4 43.2

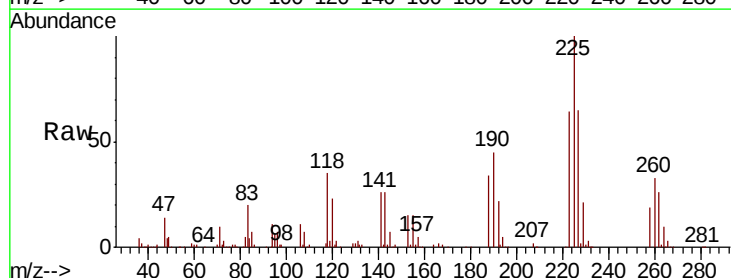


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

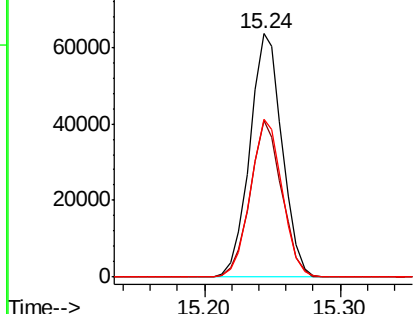
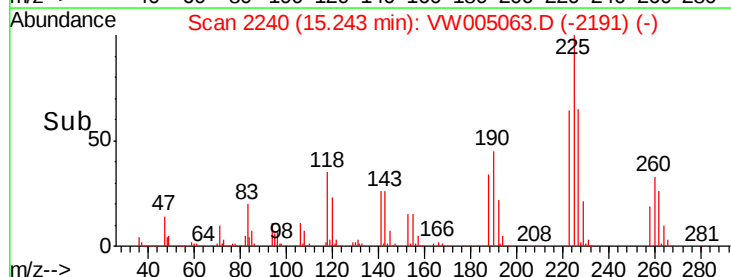


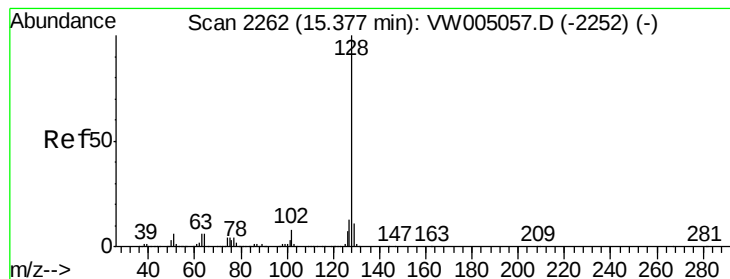
#94
 Hexachlorobutadiene
 Concen: 19.508 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: VW005063.D
 Acq: 01 Sep 2018 04:27

Tgt Ion:225 Resp: 105563
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.4 94.3
 227 63.7 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: 18.958 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS01

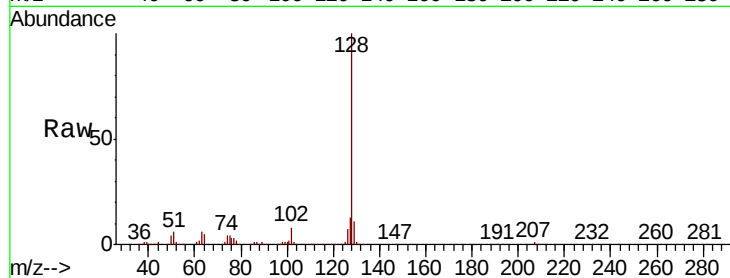
Tgt Ion:128 Resp: 244768

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 10.8 8.7 13.1

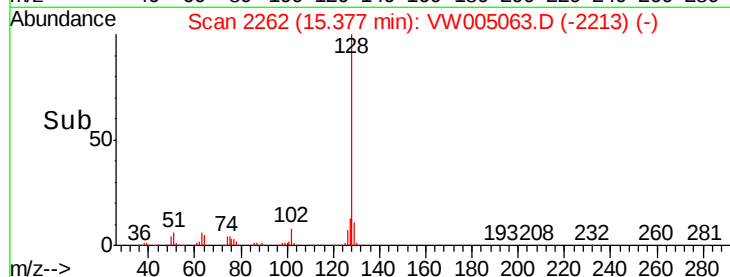


Abundance Ion 128.00 (127.70 to 128.70): V

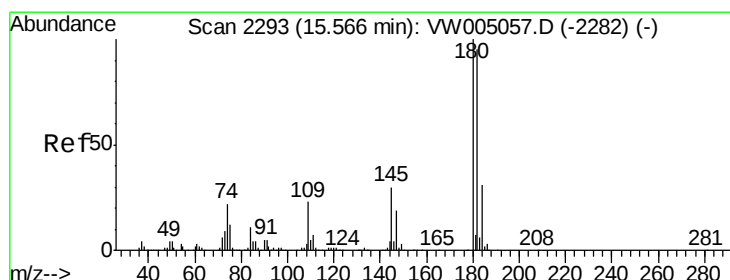
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

15.38



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 18.621 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VW005063.D

Acq: 01 Sep 2018 04:27

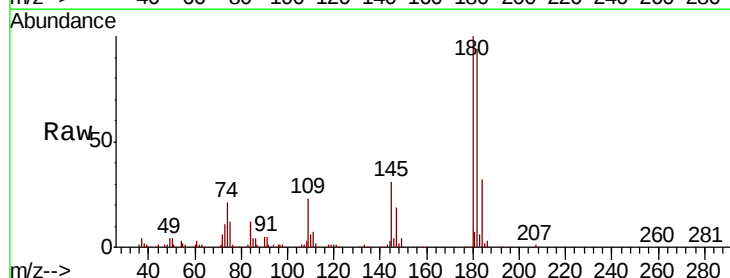
Tgt Ion:180 Resp: 138652

Ion Ratio Lower Upper

180 100

182 95.2 47.4 142.3

145 30.9 15.4 46.1

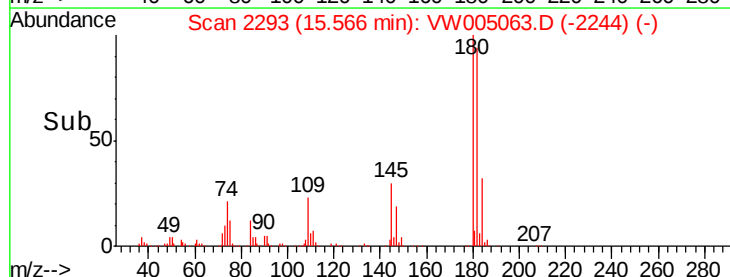


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

15.57



Time-->