

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082918\
 Data File : VW005007.D
 Acq On : 29 Aug 2018 16:54
 Operator : SY/AP
 Sample : VW0829SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBSD01

Quant Time: Aug 30 01:53:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 30 01:51:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	480333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	630730	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	680840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	389779	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	150837	45.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.82%	
35) Dibromofluoromethane	7.89	113	151601	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
50) Toluene-d8	10.33	98	893837	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
62) 4-Bromofluorobenzene	12.62	95	333293	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	94559	22.787	ug/l	99
3) Chloromethane	2.22	50	127305	21.602	ug/l	99
4) Vinyl Chloride	2.36	62	125267	21.294	ug/l	100
5) Bromomethane	2.77	94	77743	20.218	ug/l	99
6) Chloroethane	2.92	64	70733	20.334	ug/l	95
7) Trichlorofluoromethane	3.26	101	115970	19.066	ug/l	97
8) Diethyl Ether	3.69	74	34971	20.221	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	4.06	101	73340	19.535	ug/l	97
10) Methyl Iodide	4.28	142	95397	18.304	ug/l	100
11) Tert butyl alcohol	5.20	59	22261	93.505	ug/l	100
12) 1,1-Dichloroethene	4.04	96	67145	19.144	ug/l	99
13) Acrolein	3.91	56	26023	92.882	ug/l	97
14) Allyl chloride	4.68	41	101524	18.798	ug/l	99
15) Acrylonitrile	5.39	53	89933	101.969	ug/l	99
16) Acetone	4.15	43	72865	98.339	ug/l	99
17) Carbon Disulfide	4.39	76	288894	19.595	ug/l	99
18) Methyl Acetate	4.68	43	35913	20.010	ug/l	99
19) Methyl tert-butyl Ether	5.44	73	149619	19.850	ug/l	99
20) Methylene Chloride	4.92	84	140594	24.449	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	73099	19.194	ug/l	99
22) Diisopropyl ether	6.32	45	211384	19.173	ug/l	99
23) Vinyl Acetate	6.27	43	564030	100.060	ug/l	100
24) 1,1-Dichloroethane	6.23	63	124591	18.677	ug/l	99
25) 2-Butanone	7.19	43	121197	104.890	ug/l	96
26) 2,2-Dichloropropane	7.18	77	113232	19.339	ug/l	98
27) cis-1,2-Dichloroethene	7.18	96	78236	18.884	ug/l	97
28) Bromochloromethane	7.52	49	52782	17.994	ug/l	98
29) Tetrahydrofuran	7.54	42	62436	106.966	ug/l	97
30) Chloroform	7.68	83	125410	19.113	ug/l	98
31) Cyclohexane	7.96	56	139452	19.724	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	115146	19.072	ug/l	99
36) 1,1-Dichloropropene	8.09	75	110498	20.676	ug/l	99
37) Ethyl Acetate	7.26	43	42920	22.281	ug/l	99
38) Carbon Tetrachloride	8.07	117	104410	20.188	ug/l	99

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 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
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 VW0829SBSD01

Quant Time: Aug 30 01:53:45 2018
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 Quant Title : SW846 8260
 QLast Update : Thu Aug 30 01:51:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	148151	20.110	ug/l	98
40) Benzene	8.33	78	347177	20.295	ug/l	99
41) Methacrylonitrile	7.49	41	24062	21.435	ug/l	97
42) 1,2-Dichloroethane	8.41	62	76593	20.122	ug/l	99
43) Isopropyl Acetate	8.43	43	79481	20.736	ug/l	99
44) Trichloroethene	9.10	130	88532	20.262	ug/l	96
45) 1,2-Dichloropropane	9.37	63	78639	20.092	ug/l	95
46) Dibromomethane	9.46	93	37938	20.480	ug/l	98
47) Bromodichloromethane	9.65	83	91402	19.969	ug/l	98
48) Methyl methacrylate	9.45	41	40691	19.709	ug/l	89
49) 1,4-Dioxane	9.48	88	17364	451.697	ug/l #	99
51) 4-Methyl-2-Pentanone	10.22	43	311148	108.386	ug/l	98
52) Toluene	10.40	92	273808	21.574	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	98782	20.207	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	115366	20.238	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	60841	20.066	ug/l	96
56) Ethyl methacrylate	10.65	69	85503	21.499	ug/l	98
57) 1,3-Dichloropropane	10.94	76	101869	20.417	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	170000	99.217	ug/l	99
59) 2-Hexanone	10.98	43	234226	112.689	ug/l	99
60) Dibromochloromethane	11.13	129	67328	20.232	ug/l	100
61) 1,2-Dibromoethane	11.24	107	57851	20.351	ug/l	99
64) Tetrachloroethene	10.87	164	98428	19.828	ug/l	98
65) Chlorobenzene	11.66	112	303026	20.258	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	78297	19.058	ug/l	99
67) Ethyl Benzene	11.74	91	522865	20.414	ug/l	99
68) m/p-Xylenes	11.85	106	442115	42.321	ug/l	100
69) o-Xylene	12.17	106	199075	20.855	ug/l	99
70) Styrene	12.19	104	328218	20.727	ug/l	99
71) Bromoform	12.35	173	43169	18.897	ug/l #	99
73) Isopropylbenzene	12.47	105	532653	20.500	ug/l	100
74) N-amyl acetate	12.28	43	101723	20.746	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	77517	19.704	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	105374	38.170	ug/l #	100
77) Bromobenzene	12.76	156	130074	20.403	ug/l	99
78) n-propylbenzene	12.81	91	670801	20.930	ug/l	99
79) 2-Chlorotoluene	12.90	91	379450	20.498	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	477140	20.784	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	23158	18.959	ug/l	94
82) 4-Chlorotoluene	12.99	91	409511	20.763	ug/l	99
83) tert-Butylbenzene	13.21	119	392314	20.347	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	484484	20.800	ug/l	99
85) sec-Butylbenzene	13.39	105	591413	20.895	ug/l	100
86) p-Isopropyltoluene	13.51	119	533675	21.046	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	276355	20.448	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	273323	20.417	ug/l	99
89) n-Butylbenzene	13.83	91	491204	20.635	ug/l	100
90) Hexachloroethane	14.10	117	74244	18.626	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	245471	20.633	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	13990	20.590	ug/l	98

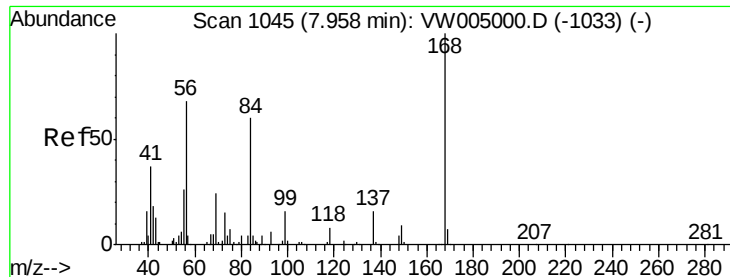
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082918\
Data File : VW005007.D
Acq On : 29 Aug 2018 16:54
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Sample : VW0829SBSD01
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Quant Title : SW846 8260
QLast Update : Thu Aug 30 01:51:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	166461	19.972	ug/l	100
94) Hexachlorobutadiene	15.25	225	105930	20.304	ug/l	99
95) Naphthalene	15.38	128	276966	20.533	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	149473	20.301	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: VW005007.D

Acq: 29 Aug 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

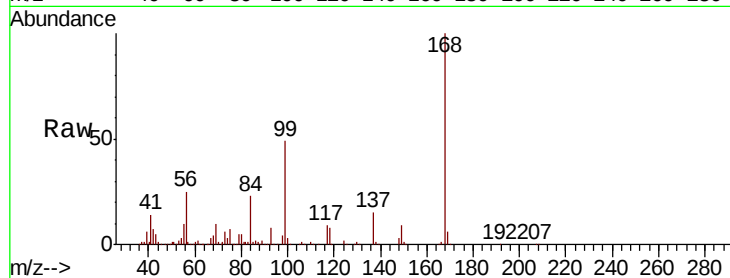
VW0829SBSD01

Tgt Ion:168 Resp: 480333

Ion Ratio Lower Upper

168 100

99 48.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

250000

200000

150000

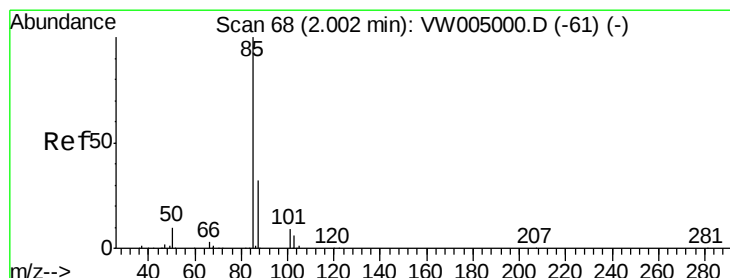
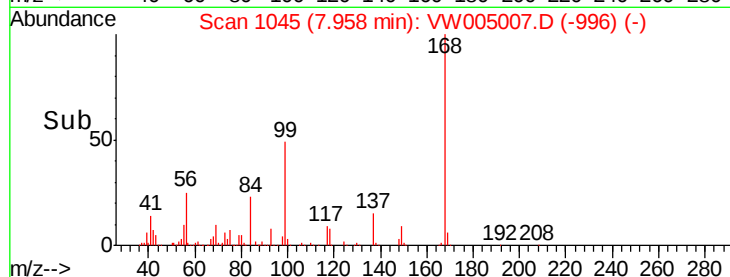
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 22.787 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW005007.D

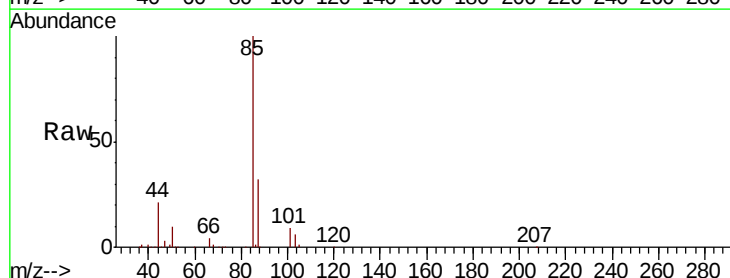
Acq: 29 Aug 2018 16:54

Tgt Ion: 85 Resp: 94559

Ion Ratio Lower Upper

85 100

87 31.9 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

60000

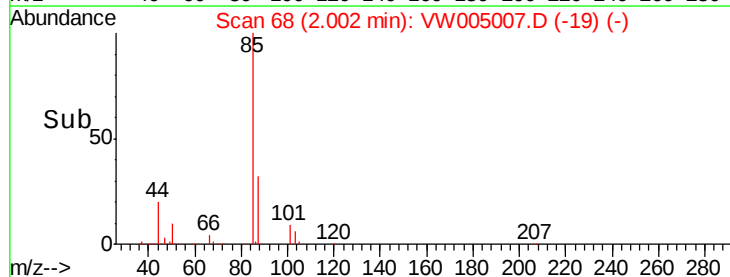
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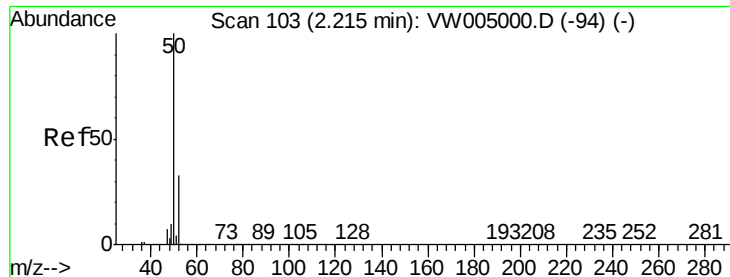
20000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 21.602 ug/l

RT: 2.22 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW005007.D

Acq: 29 Aug 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

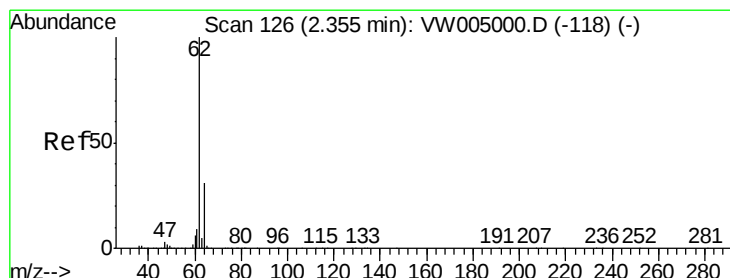
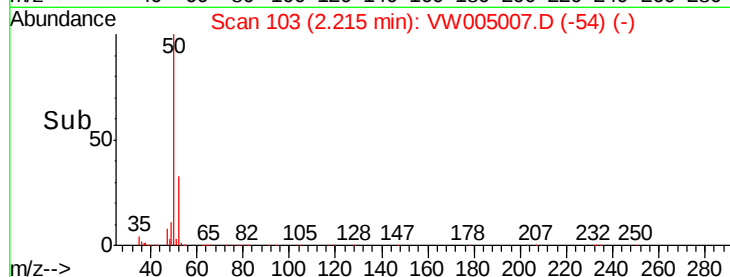
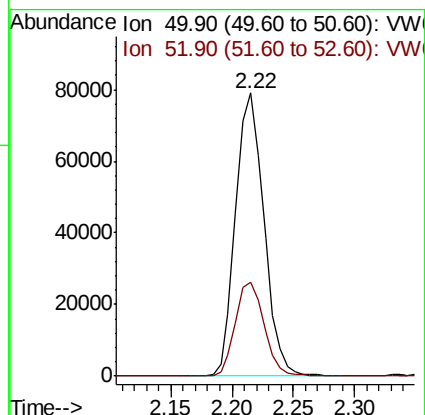
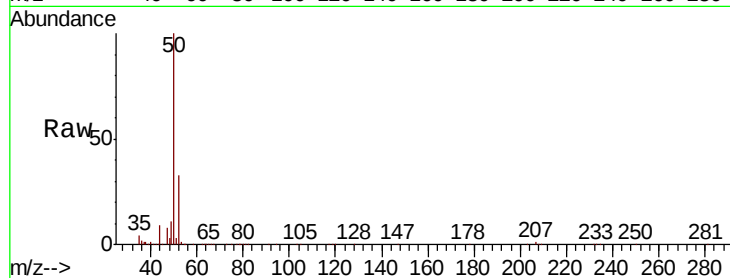
VW0829SBSD01

Tgt Ion: 50 Resp: 127305

Ion Ratio Lower Upper

50 100

52 33.0 26.1 39.1



#4

Vinyl Chloride

Concen: 21.294 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW005007.D

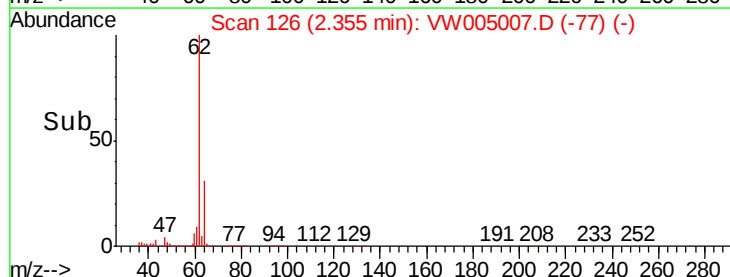
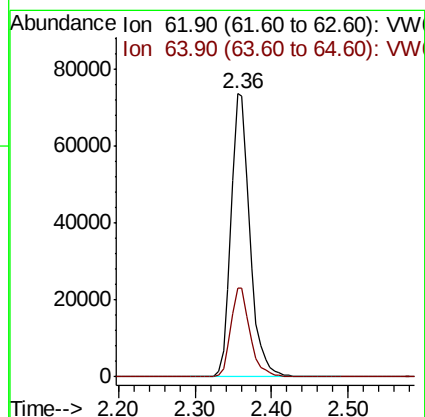
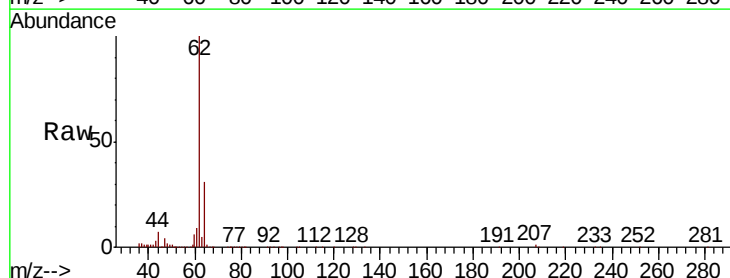
Acq: 29 Aug 2018 16:54

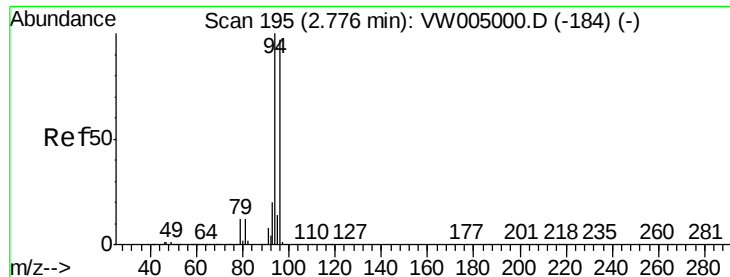
Tgt Ion: 62 Resp: 125267

Ion Ratio Lower Upper

62 100

64 31.2 24.8 37.2





#5

Bromomethane

Concen: 20.218 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW005007.D

Acq: 29 Aug 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

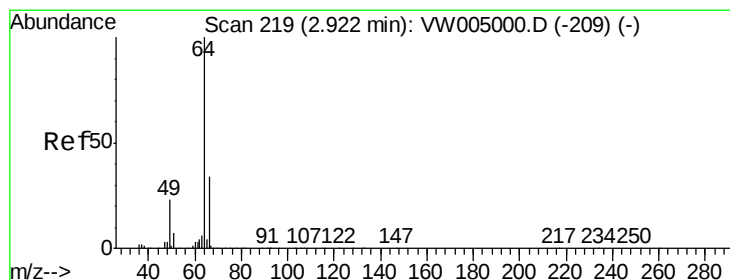
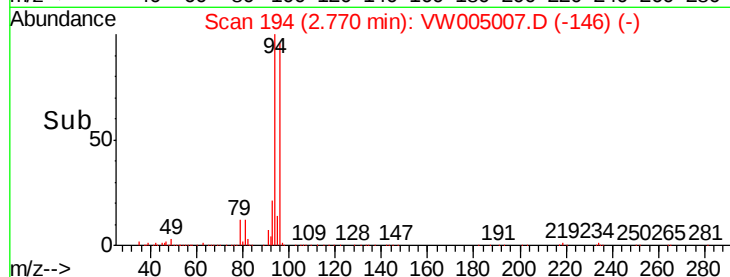
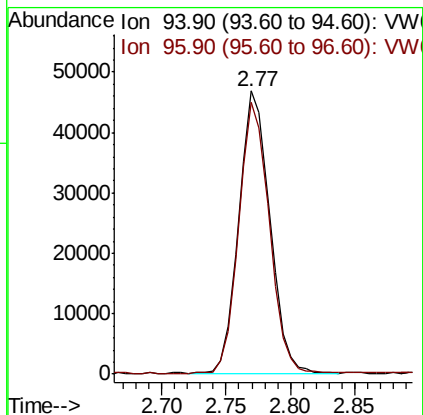
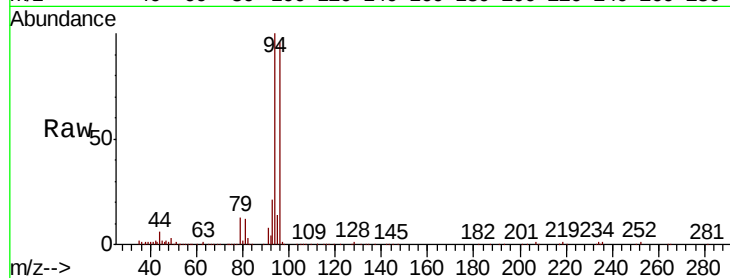
VW0829SBSD01

Tgt Ion: 94 Resp: 77743

Ion Ratio Lower Upper

94 100

96 96.1 77.5 116.3



#6

Chloroethane

Concen: 20.334 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW005007.D

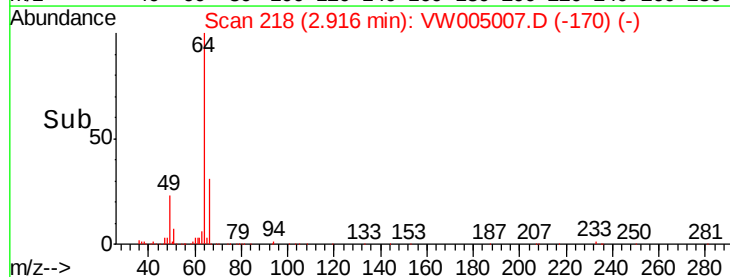
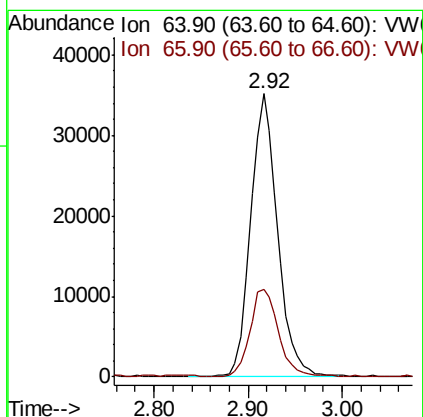
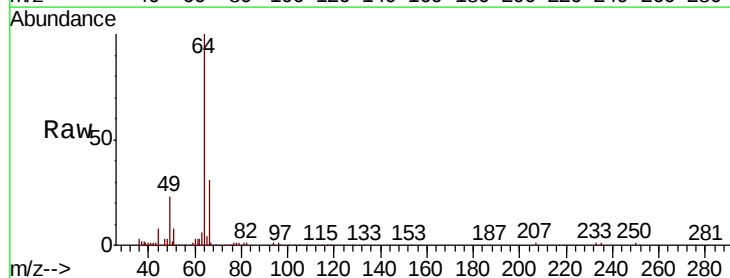
Acq: 29 Aug 2018 16:54

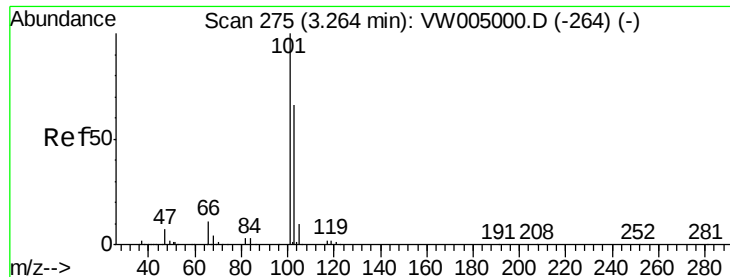
Tgt Ion: 64 Resp: 70733

Ion Ratio Lower Upper

64 100

66 30.8 26.8 40.2



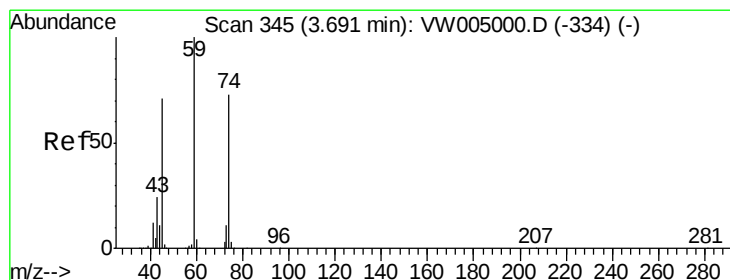
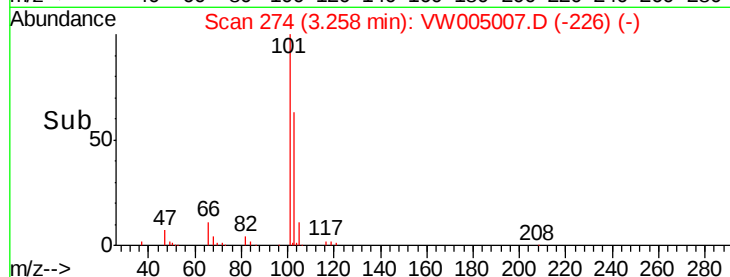
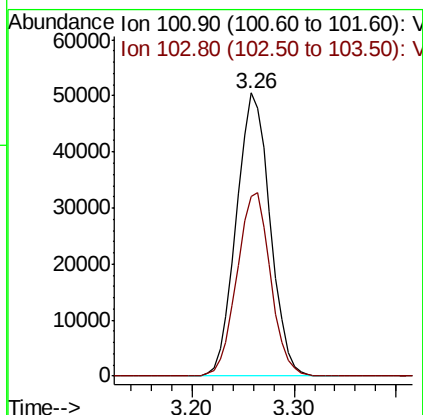
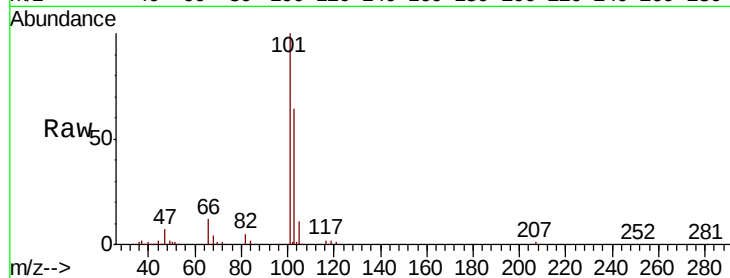


#7

Trichlorofluoromethane
 Concen: 19.066 ug/l
 RT: 3.26 min Scan# 274
 Delta R.T. -0.01 min
 Lab File: VW005007.D
 Acq: 29 Aug 2018 16:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBSD01

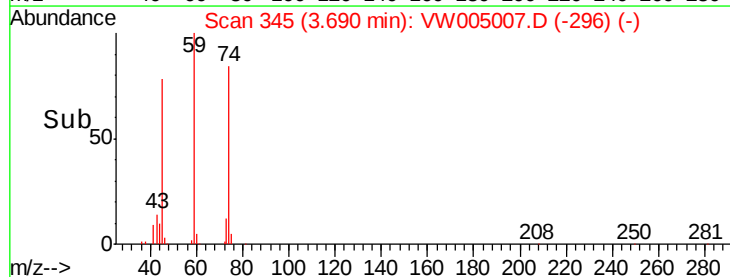
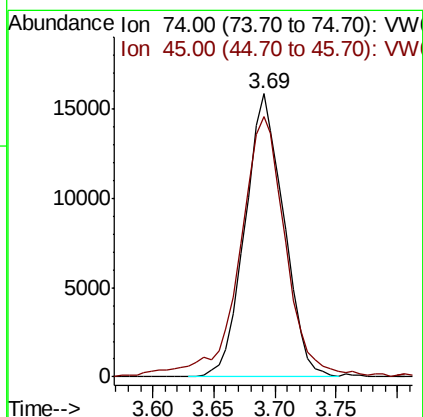
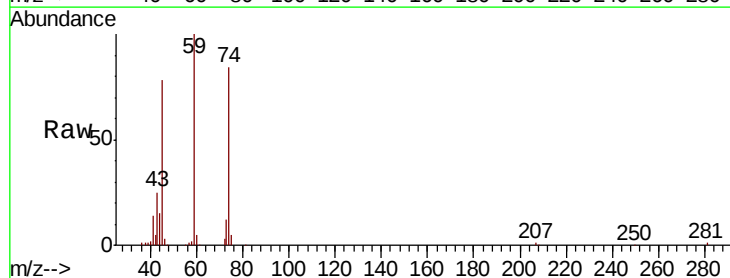
Tgt Ion: 101 Resp: 115970
 Ion Ratio Lower Upper
 101 100
 103 63.6 52.6 78.8

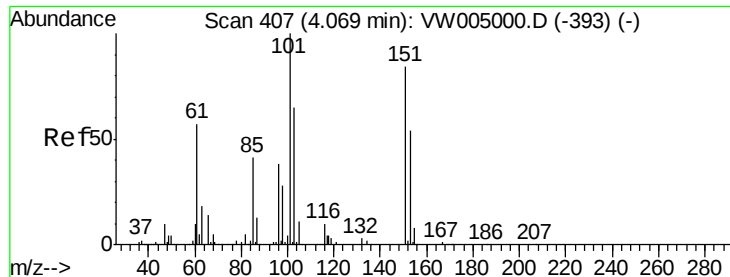


#8

Diethyl Ether
 Concen: 20.221 ug/l
 RT: 3.69 min Scan# 345
 Delta R.T. -0.00 min
 Lab File: VW005007.D
 Acq: 29 Aug 2018 16:54

Tgt Ion: 74 Resp: 34971
 Ion Ratio Lower Upper
 74 100
 45 109.3 47.8 143.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.535 ug/l

RT: 4.06 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW005007.D

Acq: 29 Aug 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBS01

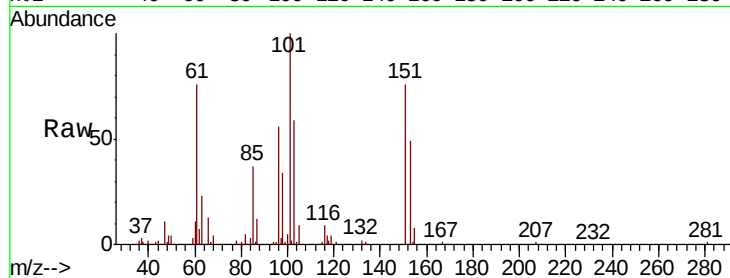
Tgt Ion:101 Resp: 73340

Ion Ratio Lower Upper

101 100

85 39.9 33.4 50.0

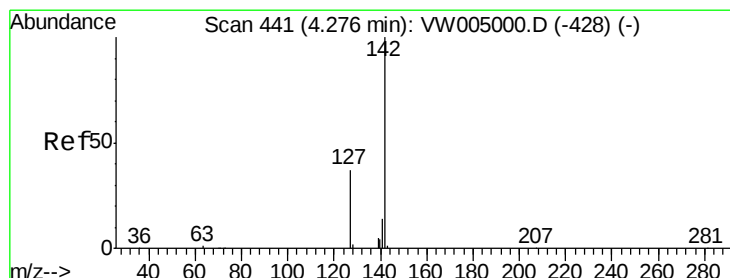
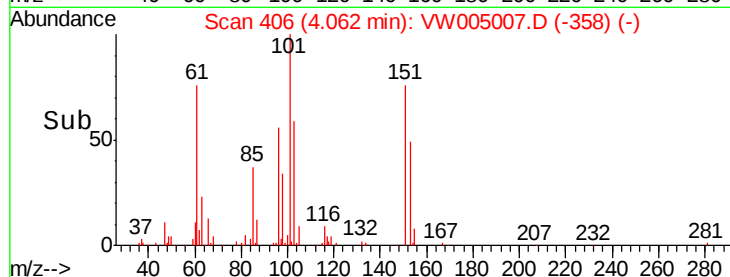
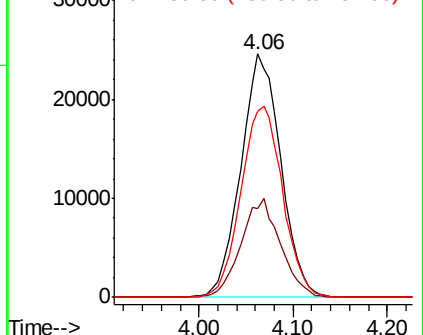
151 81.4 67.0 100.4



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: 18.304 ug/l

RT: 4.28 min Scan# 441

Delta R.T. 0.00 min

Lab File: VW005007.D

Acq: 29 Aug 2018 16:54

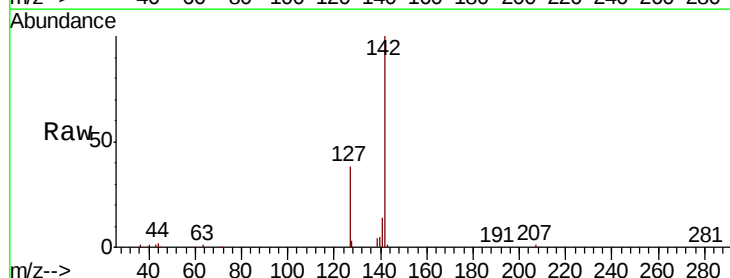
Tgt Ion:142 Resp: 95397

Ion Ratio Lower Upper

142 100

127 38.5 31.1 46.7

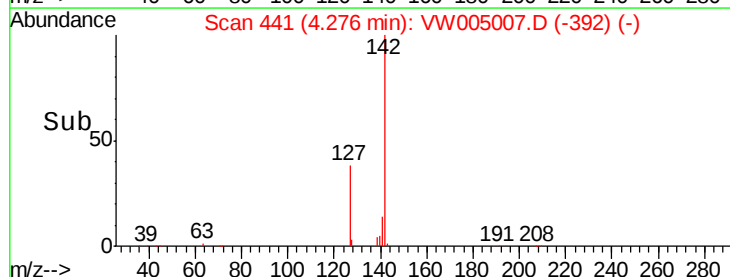
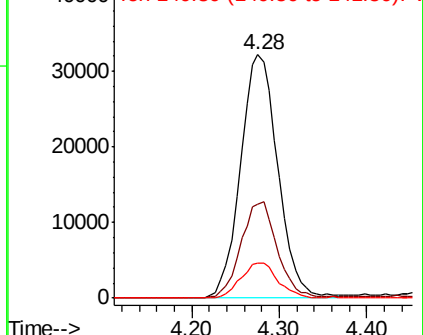
141 14.3 11.4 17.2

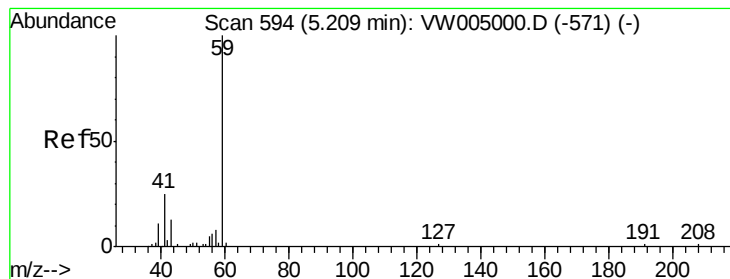


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 93.505 ug/l

RT: 5.20 min Scan# 593

Delta R.T. -0.01 min

Lab File: VW005007.D

Acq: 29 Aug 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

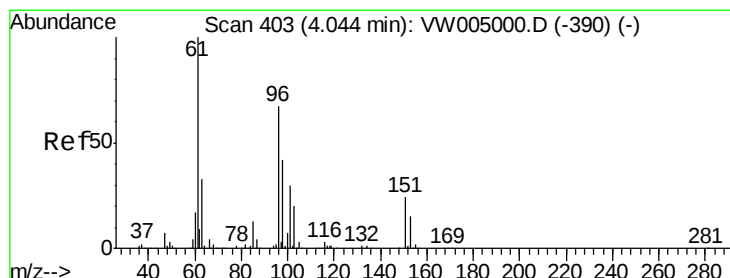
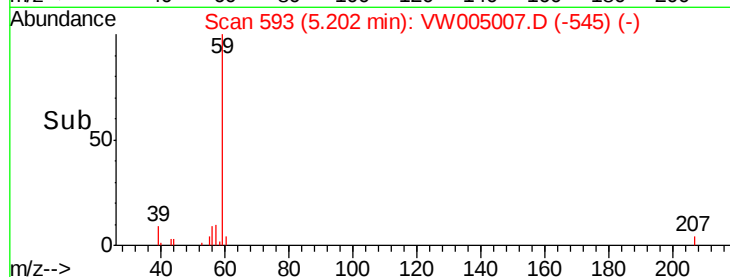
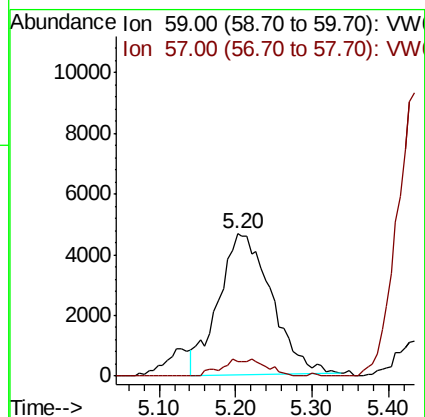
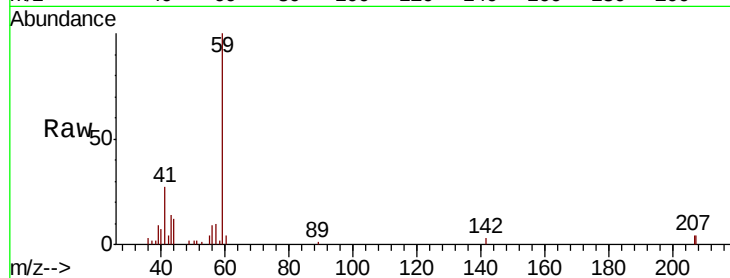
VW0829SBSD01

Tgt Ion: 59 Resp: 22261

Ion Ratio Lower Upper

59 100

57 10.0 8.1 12.1



#12

1,1-Dichloroethene

Concen: 19.144 ug/l

RT: 4.04 min Scan# 402

Delta R.T. -0.01 min

Lab File: VW005007.D

Acq: 29 Aug 2018 16:54

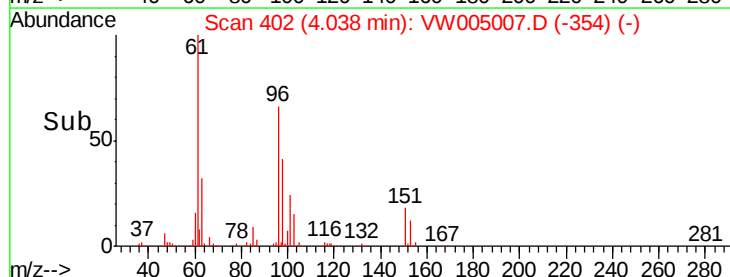
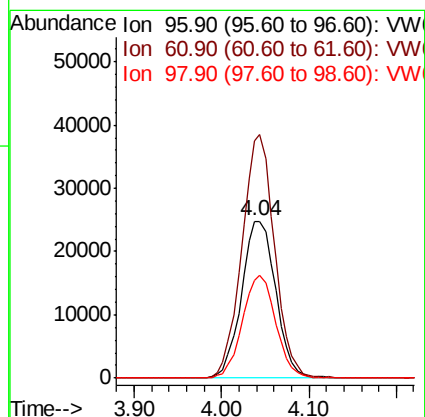
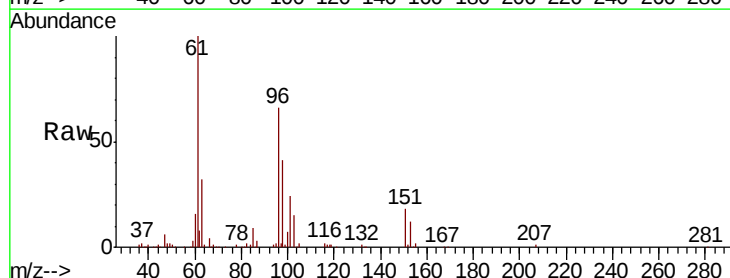
Tgt Ion: 96 Resp: 67145

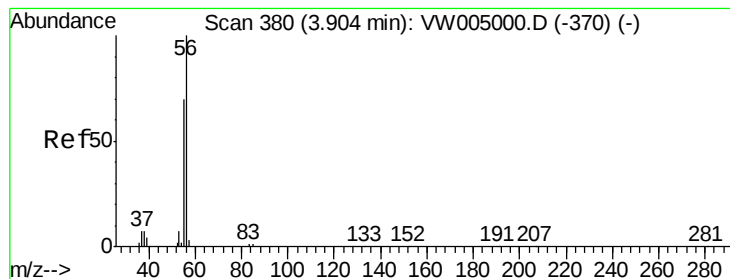
Ion Ratio Lower Upper

96 100

61 151.4 119.5 179.3

98 62.1 50.4 75.6





#13

Acrolein

Concen: 92.882 ug/l

RT: 3.91 min Scan# 381

Delta R.T. 0.01 min

Lab File: VW005007.D

Acq: 29 Aug 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

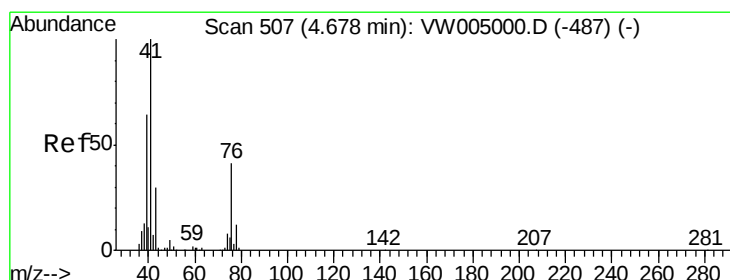
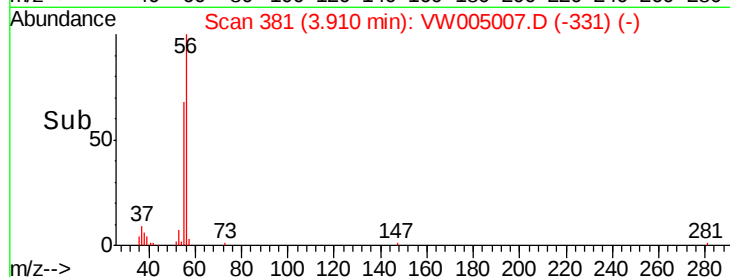
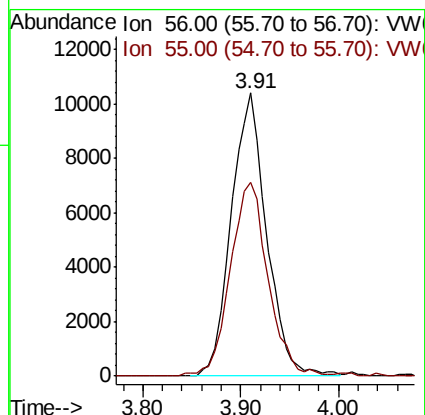
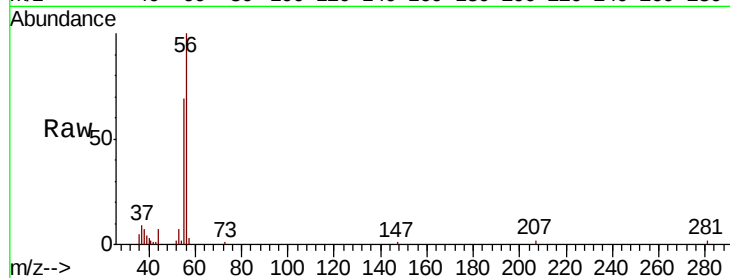
VW0829SBSD01

Tgt Ion: 56 Resp: 26023

Ion Ratio Lower Upper

56 100

55 73.2 56.4 84.6



#14

Allyl chloride

Concen: 18.798 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: VW005007.D

Acq: 29 Aug 2018 16:54

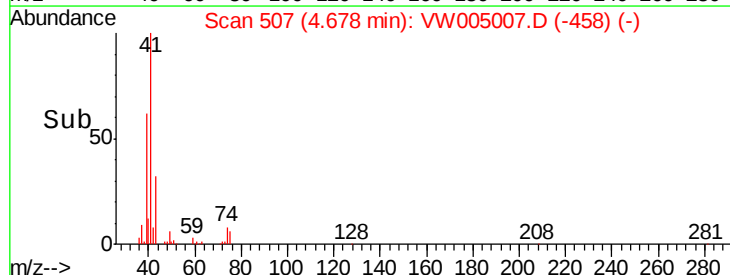
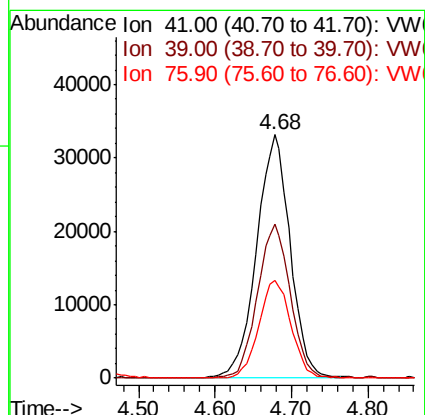
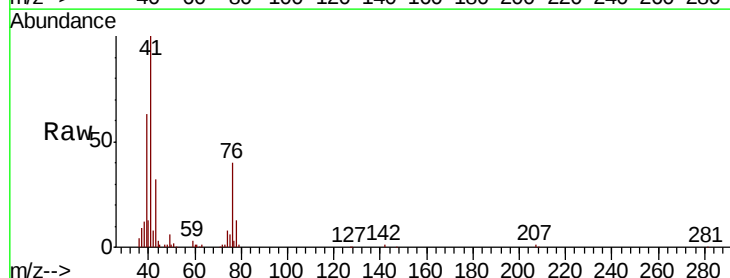
Tgt Ion: 41 Resp: 101524

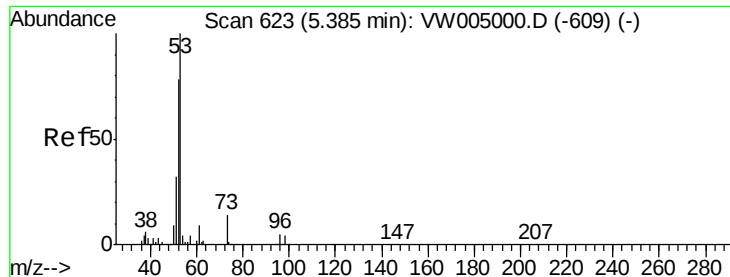
Ion Ratio Lower Upper

41 100

39 61.5 49.4 74.2

76 38.6 31.4 47.2





#15

Acrylonitrile

Concen: 101.969 ug/l

RT: 5.39 min Scan# 623

Delta R.T. -0.00 min

Lab File: VW005007.D

Acq: 29 Aug 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBSD01

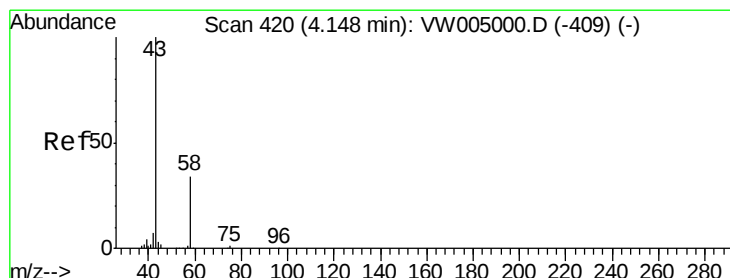
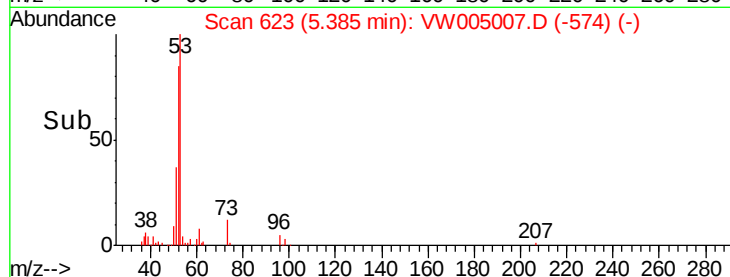
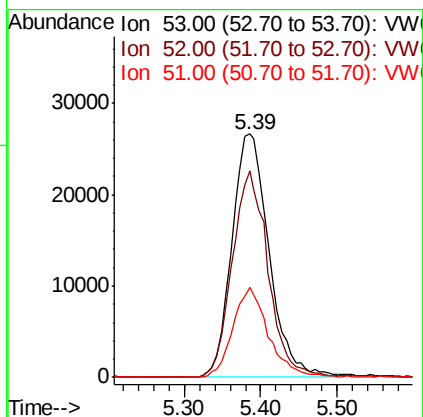
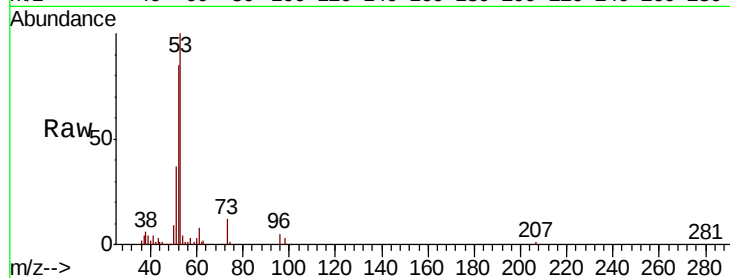
Tgt Ion: 53 Resp: 89933

Ion Ratio Lower Upper

53 100

52 81.8 65.0 97.6

51 35.4 28.6 43.0



#16

Acetone

Concen: 98.339 ug/l

RT: 4.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VW005007.D

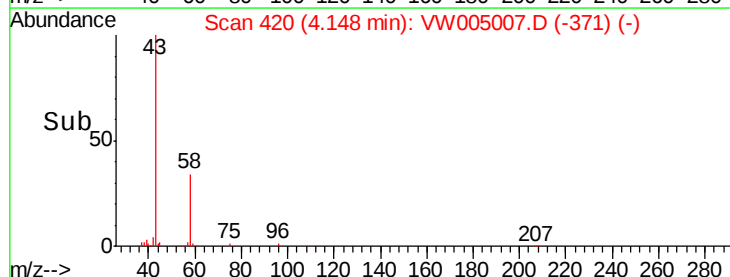
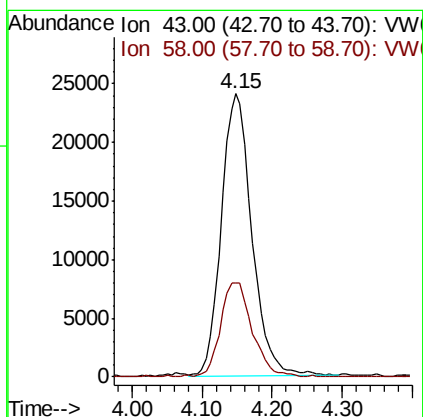
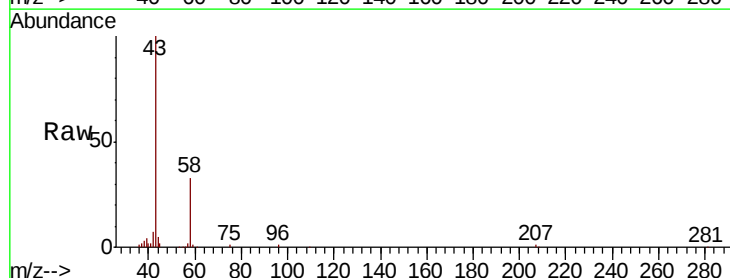
Acq: 29 Aug 2018 16:54

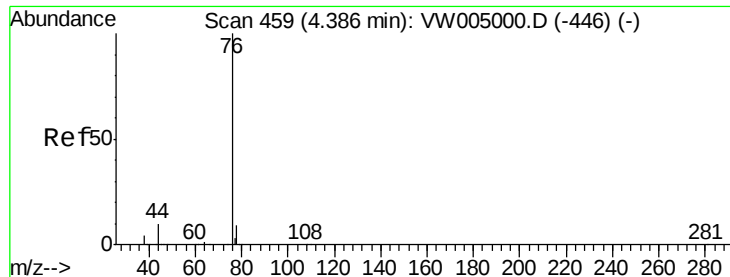
Tgt Ion: 43 Resp: 72865

Ion Ratio Lower Upper

43 100

58 33.6 27.2 40.8





#17

Carbon Disulfide

Concen: 19.595 ug/l

RT: 4.39 min Scan# 459

Delta R.T. -0.00 min

Lab File: VW005007.D

Acq: 29 Aug 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

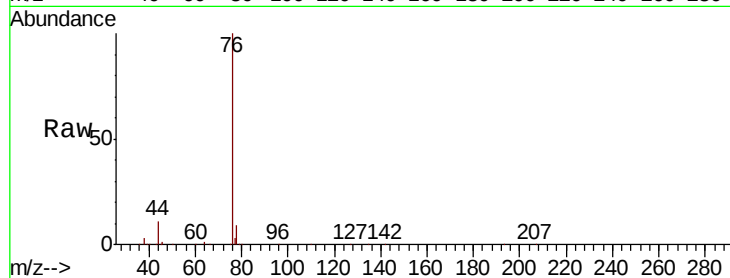
VW0829SBSD01

Tgt Ion: 76 Resp: 288894

Ion Ratio Lower Upper

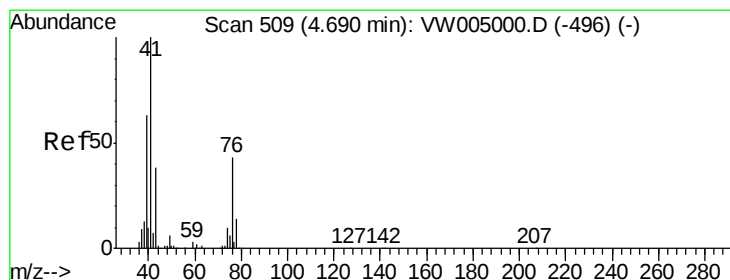
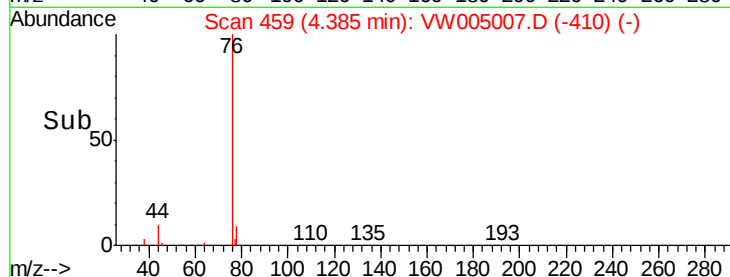
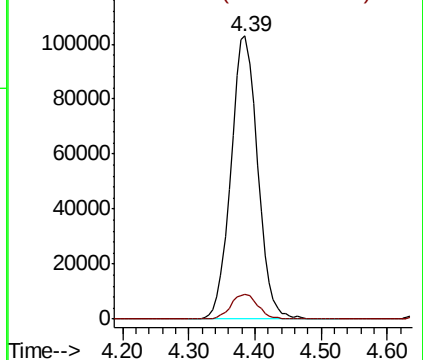
76 100

78 8.9 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 20.010 ug/l

RT: 4.68 min Scan# 508

Delta R.T. -0.01 min

Lab File: VW005007.D

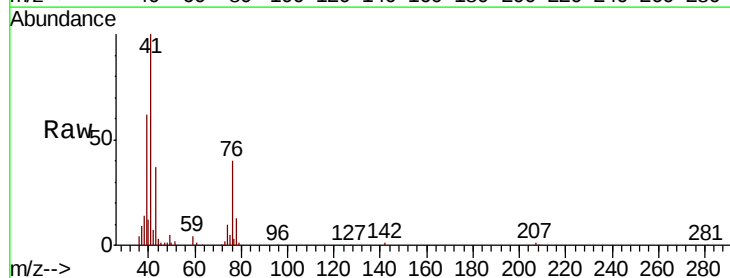
Acq: 29 Aug 2018 16:54

Tgt Ion: 43 Resp: 35913

Ion Ratio Lower Upper

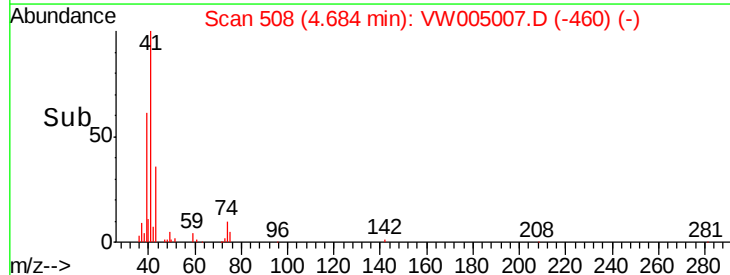
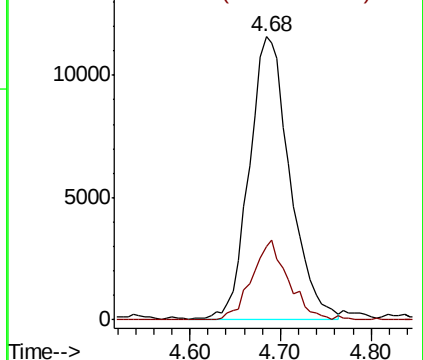
43 100

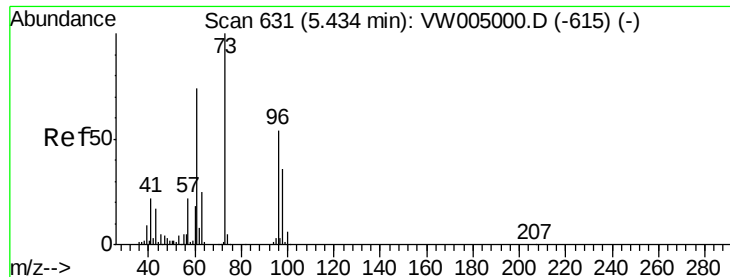
74 25.1 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

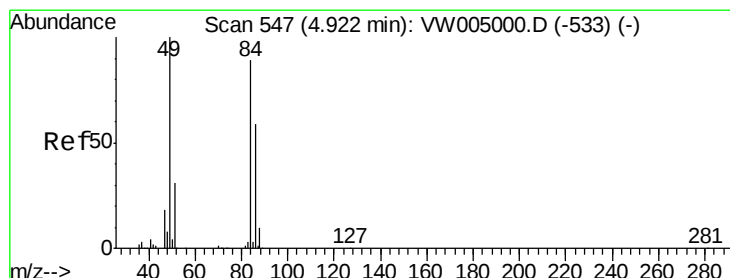
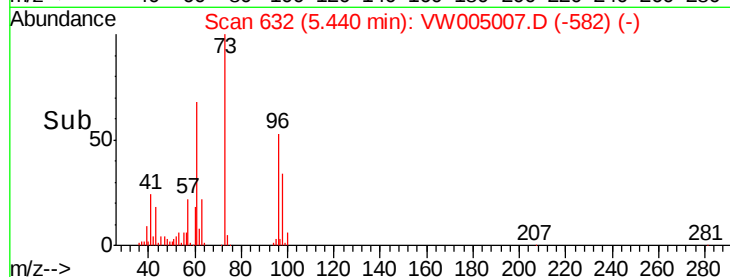
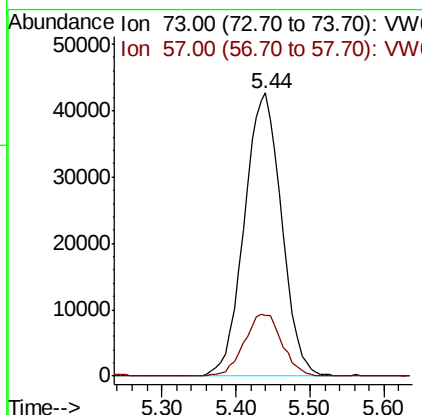
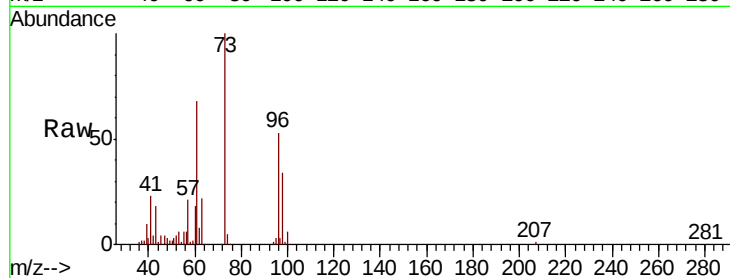




#19
Methyl tert-butyl Ether
Concen: 19.850 ug/l
RT: 5.44 min Scan# 632
Delta R.T. 0.01 min
Lab File: VW005007.D
Acq: 29 Aug 2018 16:54

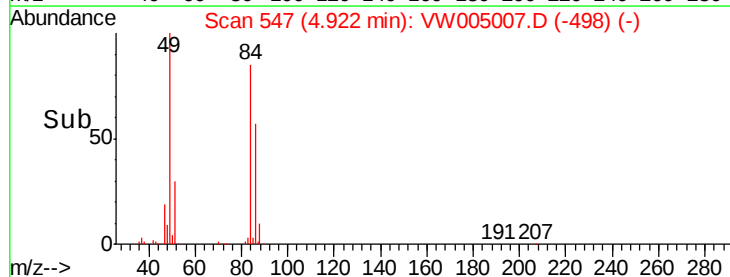
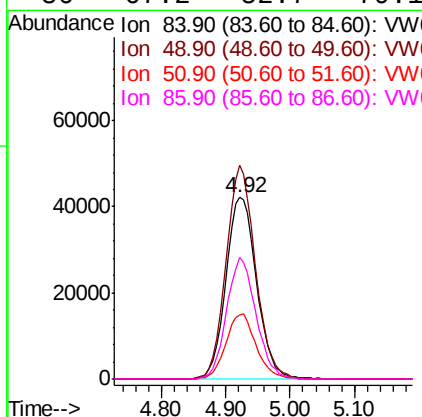
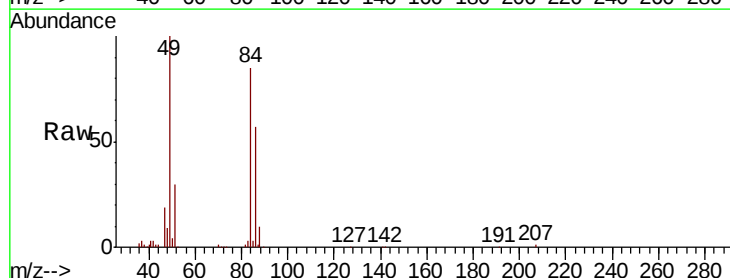
Instrument :
MSVOA_W
ClientSampleId :
VW0829SBSD01

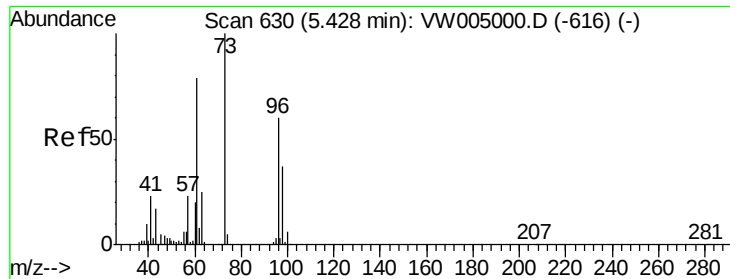
Tgt Ion: 73 Resp: 149619
Ion Ratio Lower Upper
73 100
57 21.5 17.6 26.4



#20
Methylene Chloride
Concen: 24.449 ug/l
RT: 4.92 min Scan# 547
Delta R.T. -0.00 min
Lab File: VW005007.D
Acq: 29 Aug 2018 16:54

Tgt Ion: 84 Resp: 140594
Ion Ratio Lower Upper
84 100
49 117.6 89.7 134.5
51 35.3 27.5 41.3
86 67.2 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 19.194 ug/l

RT: 5.43 min Scan# 630

Delta R.T. -0.00 min

Lab File: VW005007.D

Acq: 29 Aug 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBSD01

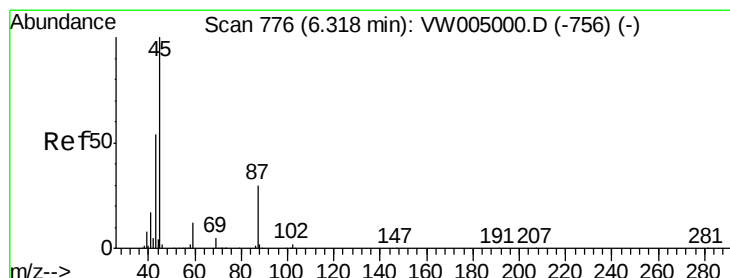
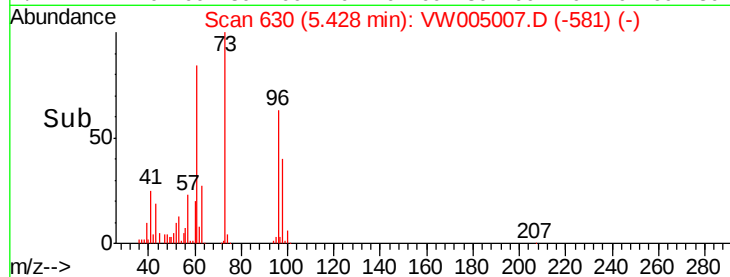
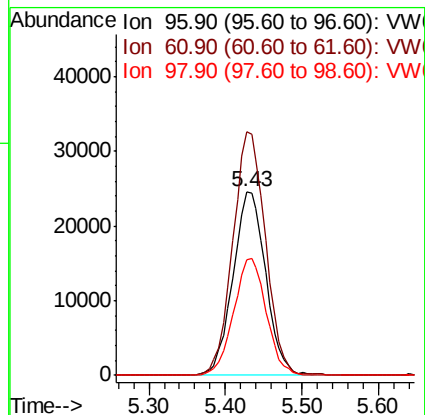
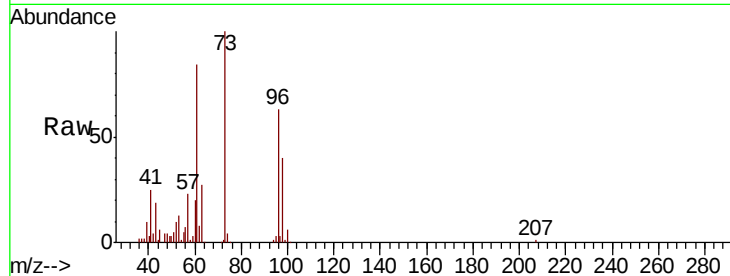
Tgt Ion: 96 Resp: 73099

Ion Ratio Lower Upper

96 100

61 132.1 106.2 159.2

98 63.1 49.5 74.3



#22

Diisopropyl ether

Concen: 19.173 ug/l

RT: 6.32 min Scan# 777

Delta R.T. 0.01 min

Lab File: VW005007.D

Acq: 29 Aug 2018 16:54

Tgt Ion: 45 Resp: 211384

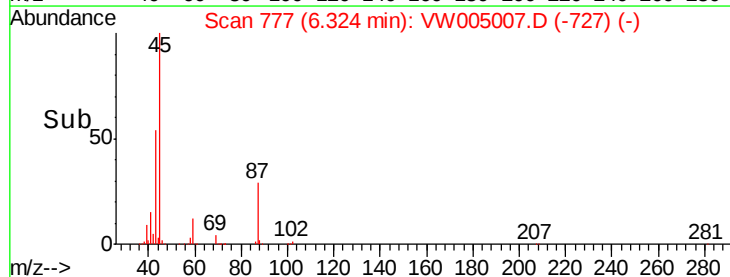
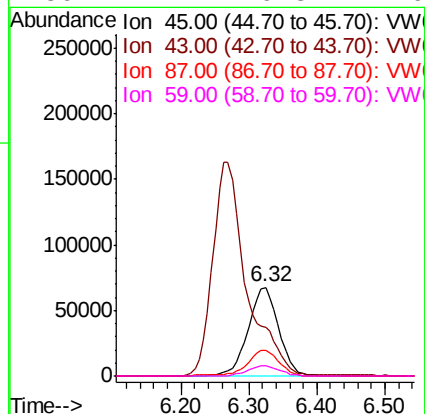
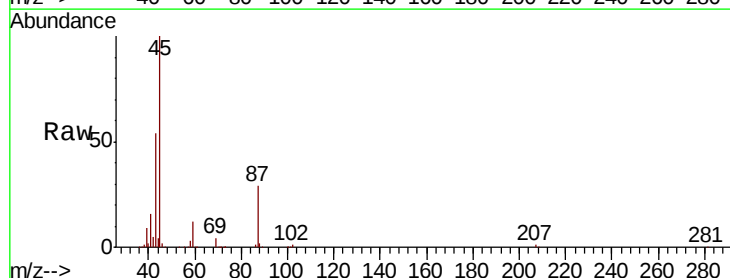
Ion Ratio Lower Upper

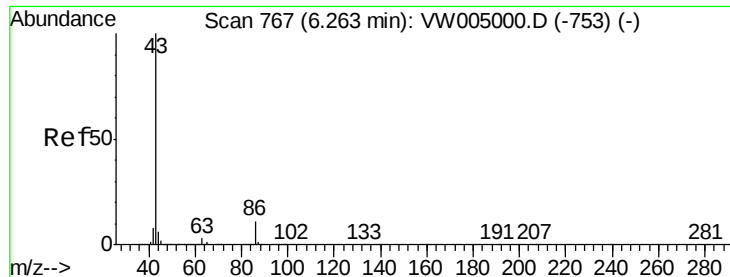
45 100

43 53.6 43.5 65.3

87 29.3 23.8 35.8

59 12.1 9.8 14.6





#23

Vinyl Acetate

Concen: 100.060 ug/l

RT: 6.27 min Scan# 768

Delta R.T. 0.01 min

Lab File: VW005007.D

Acq: 29 Aug 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

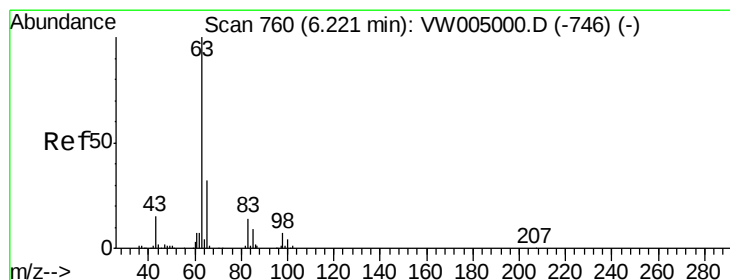
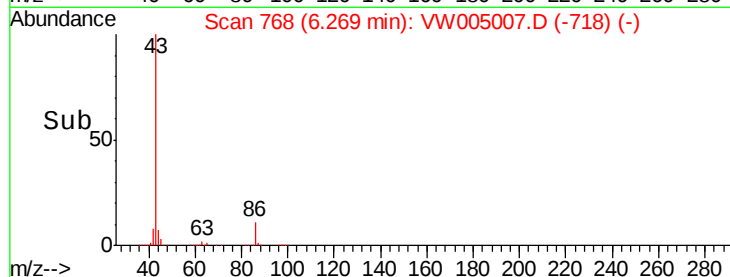
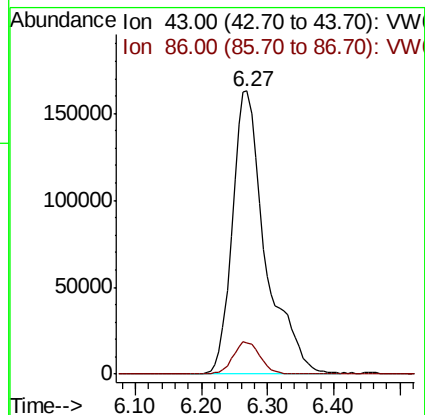
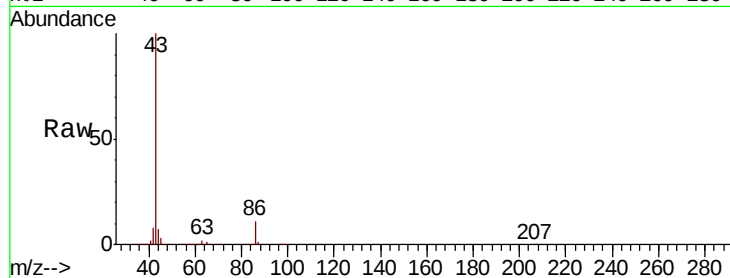
VW0829SBSD01

Tgt Ion: 43 Resp: 564030

Ion Ratio Lower Upper

43 100

86 11.2 9.0 13.6



#24

1,1-Dichloroethane

Concen: 18.677 ug/l

RT: 6.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VW005007.D

Acq: 29 Aug 2018 16:54

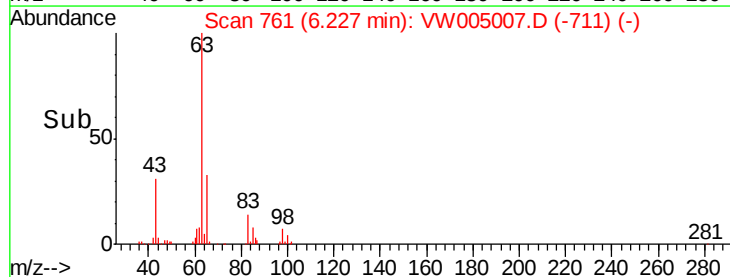
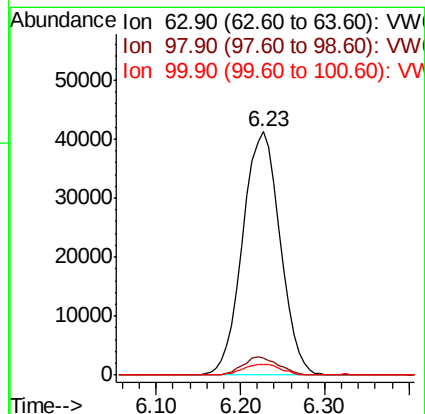
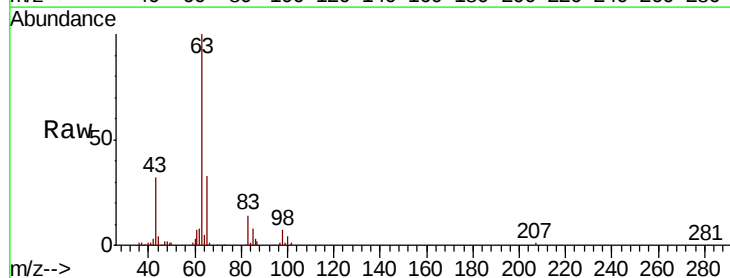
Tgt Ion: 63 Resp: 124591

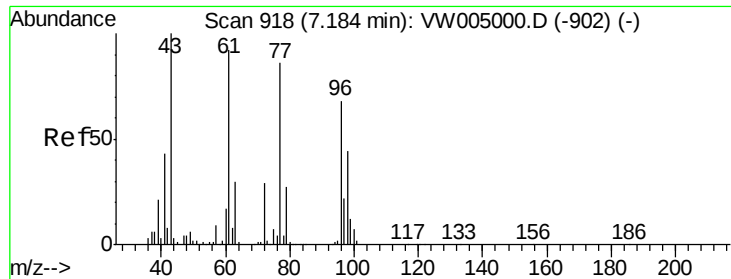
Ion Ratio Lower Upper

63 100

98 7.2 3.4 10.2

100 4.2 2.2 6.6





#25

2-Butanone

Concen: 104.890 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW005007.D

Acq: 29 Aug 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

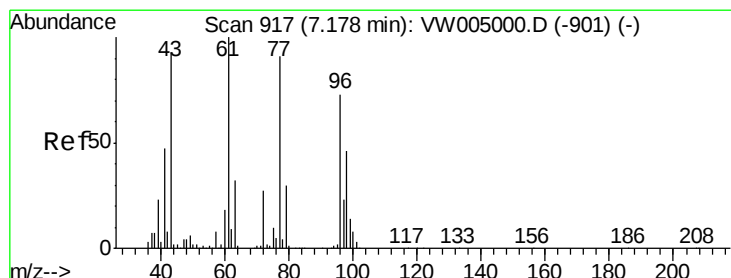
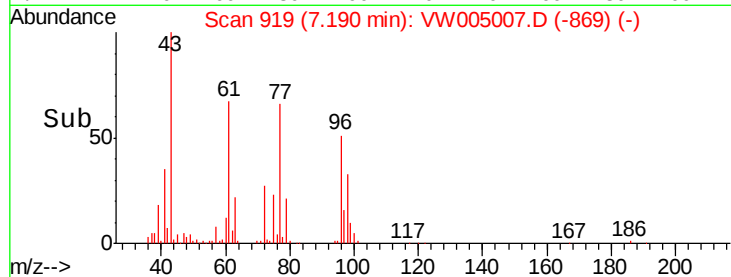
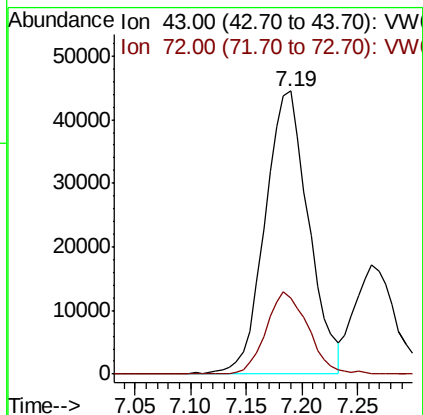
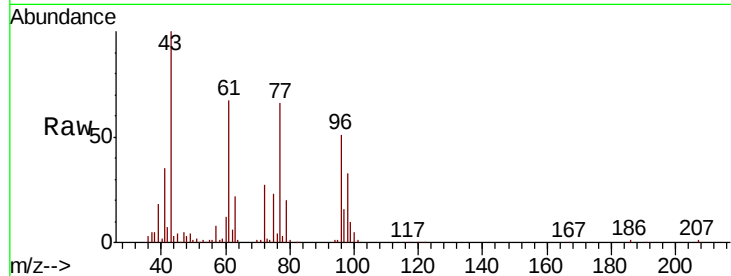
VW0829SBS01

Tgt Ion: 43 Resp: 121197

Ion Ratio Lower Upper

43 100

72 27.0 23.4 35.2



#26

2,2-Dichloropropane

Concen: 19.339 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.00 min

Lab File: VW005007.D

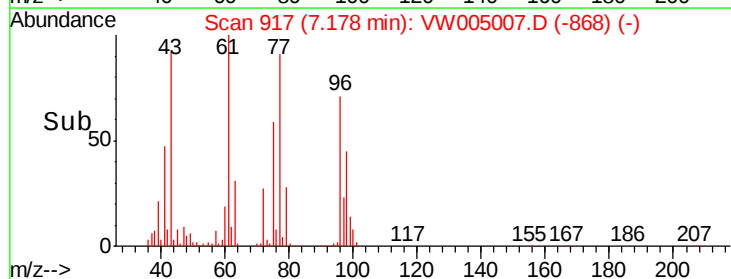
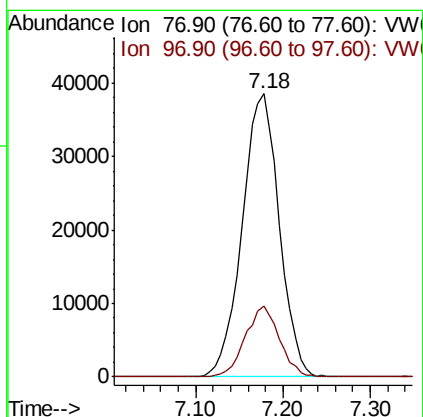
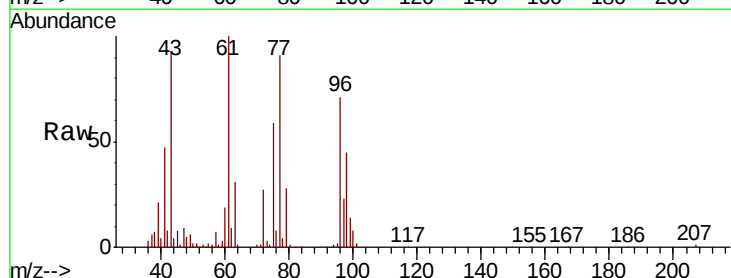
Acq: 29 Aug 2018 16:54

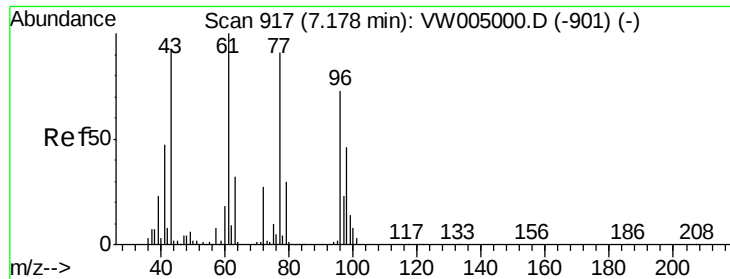
Tgt Ion: 77 Resp: 113232

Ion Ratio Lower Upper

77 100

97 23.1 12.2 36.4



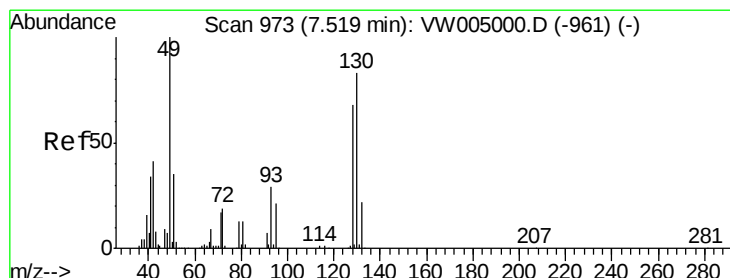
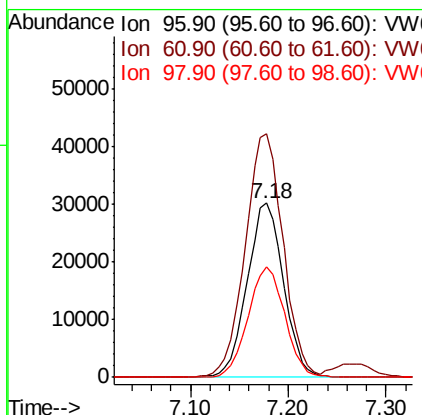
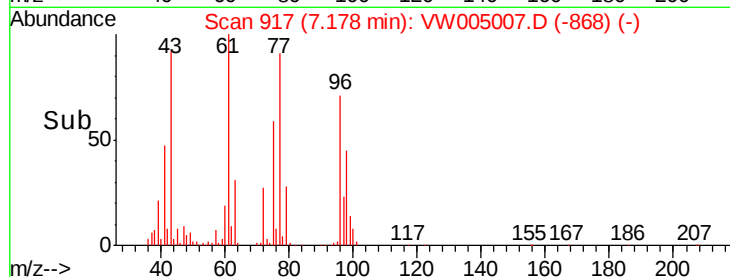
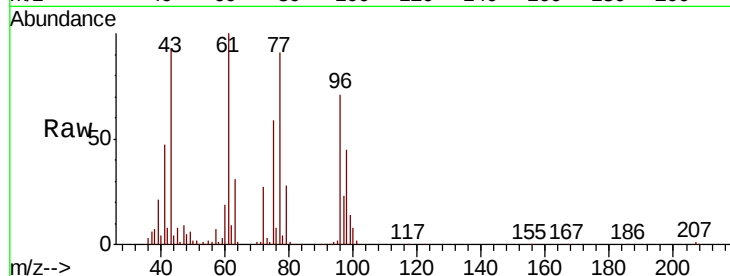


#27

cis-1,2-Dichloroethene
Concen: 18.884 ug/l
RT: 7.18 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW005007.D
Acq: 29 Aug 2018 16:54

Instrument :
MSVOA_W
ClientSampleId :
VW0829SBSD01

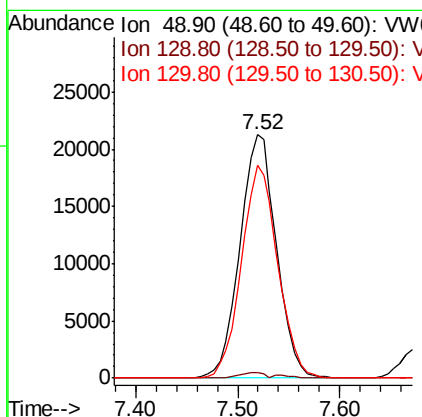
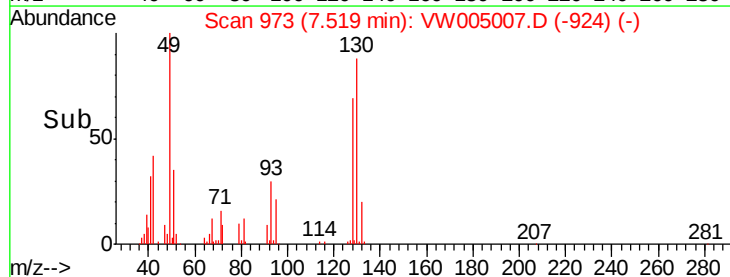
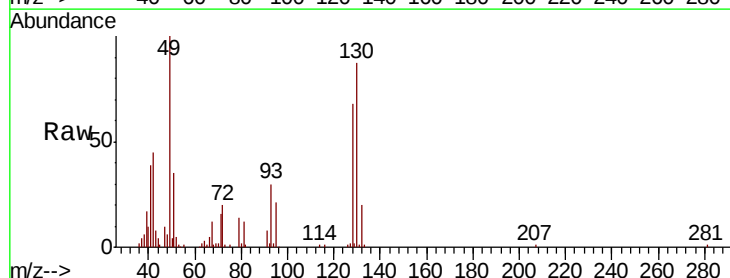
Tgt Ion: 96 Resp: 78236
Ion Ratio Lower Upper
96 100
61 145.5 0.0 281.6
98 64.0 0.0 129.0

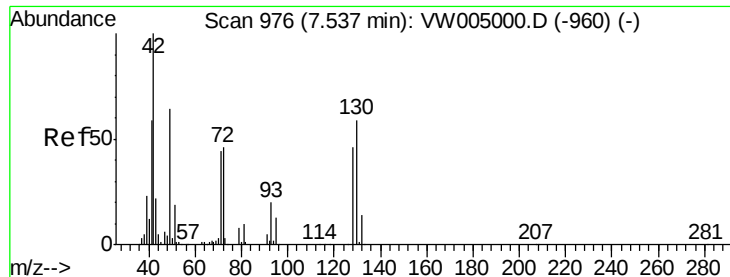


#28

Bromochloromethane
Concen: 17.994 ug/l
RT: 7.52 min Scan# 973
Delta R.T. -0.00 min
Lab File: VW005007.D
Acq: 29 Aug 2018 16:54

Tgt Ion: 49 Resp: 52782
Ion Ratio Lower Upper
49 100
129 1.6 0.0 4.2
130 87.1 68.2 102.2





#29

Tetrahydrofuran

Concen: 106.966 ug/l

RT: 7.54 min Scan# 976

Delta R.T. -0.00 min

Lab File: VW005007.D

Acq: 29 Aug 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBS01

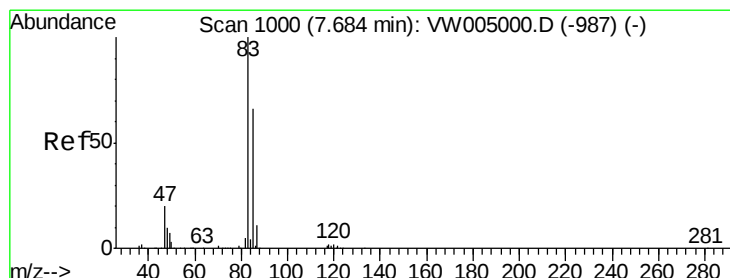
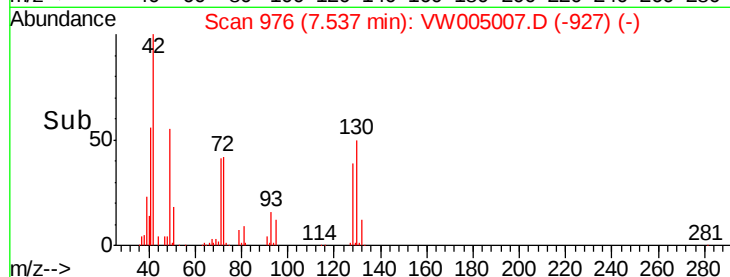
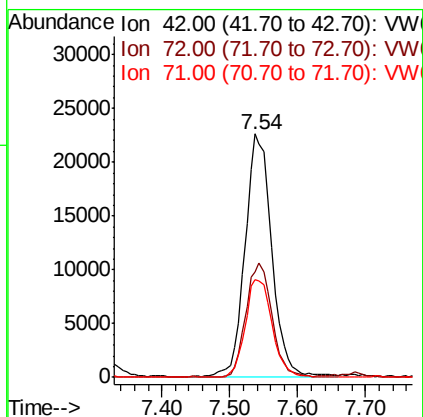
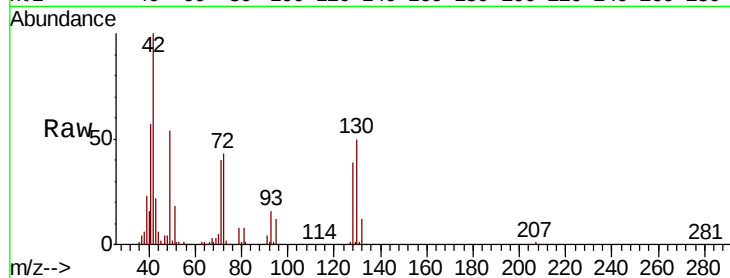
Tgt Ion: 42 Resp: 62436

Ion Ratio Lower Upper

42 100

72 45.4 36.6 55.0

71 40.3 35.4 53.2



#30

Chloroform

Concen: 19.113 ug/l

RT: 7.68 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VW005007.D

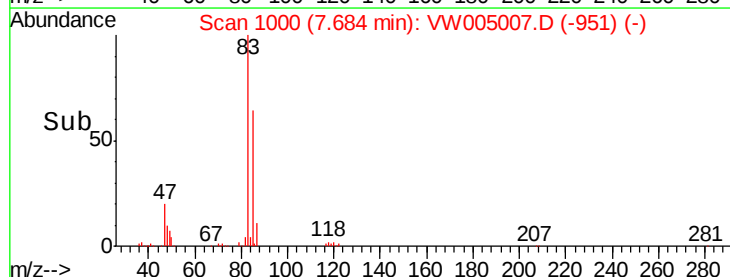
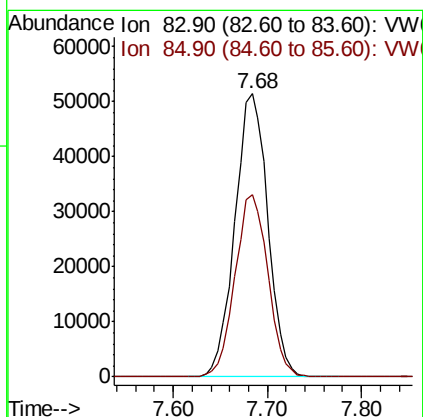
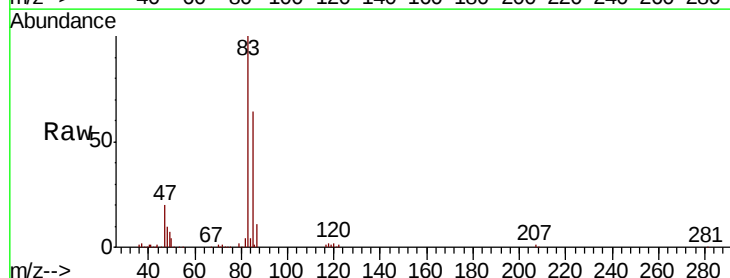
Acq: 29 Aug 2018 16:54

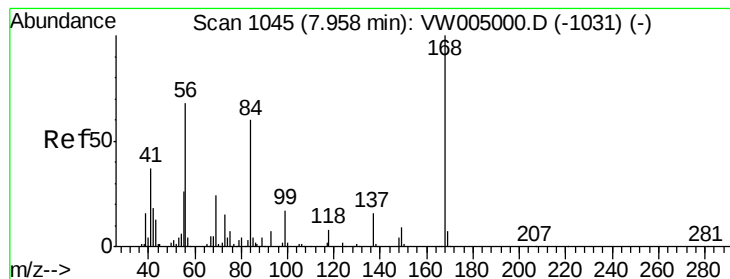
Tgt Ion: 83 Resp: 125410

Ion Ratio Lower Upper

83 100

85 64.5 52.6 78.8





#31

Cyclohexane

Concen: 19.724 ug/l

RT: 7.96 min Scan# 1046

Delta R.T. 0.01 min

Lab File: VW005007.D

Acq: 29 Aug 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBSD01

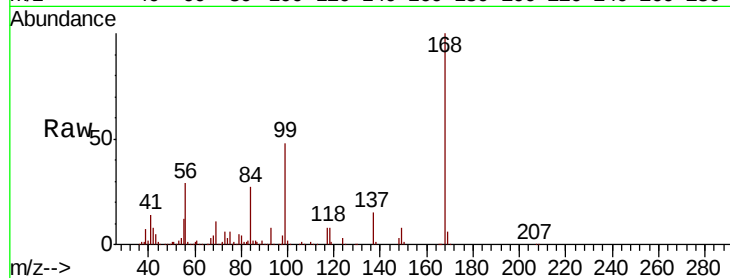
Tgt Ion: 56 Resp: 139452

Ion Ratio Lower Upper

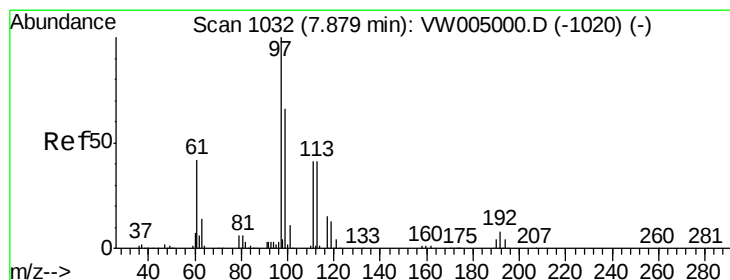
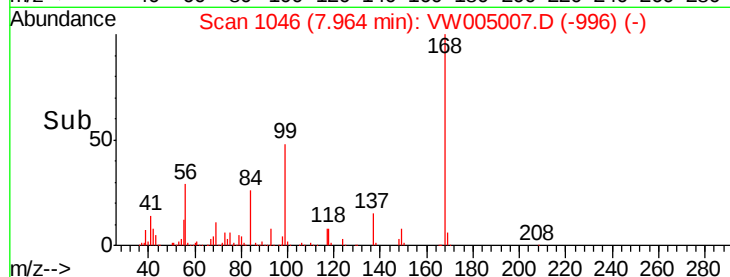
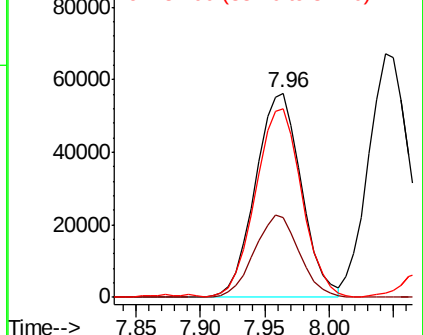
56 100

69 39.2 27.9 41.9

84 91.3 70.5 105.7



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



#32

1,1,1-Trichloroethane

Concen: 19.072 ug/l

RT: 7.88 min Scan# 1032

Delta R.T. -0.00 min

Lab File: VW005007.D

Acq: 29 Aug 2018 16:54

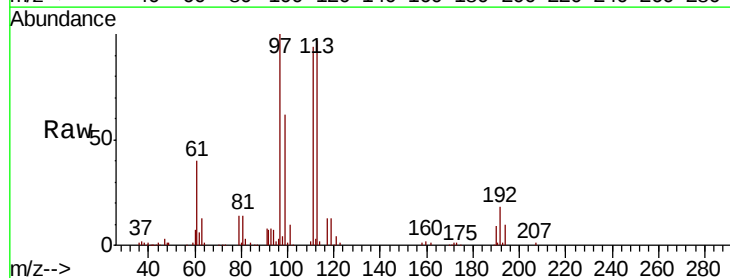
Tgt Ion: 97 Resp: 115146

Ion Ratio Lower Upper

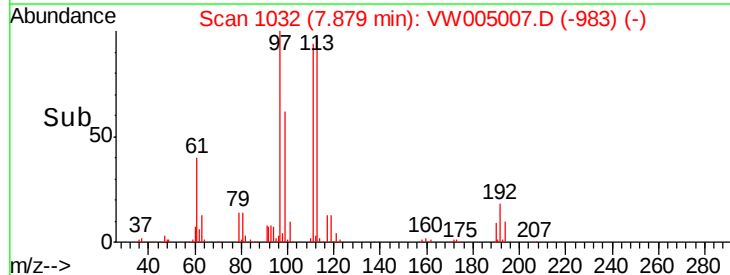
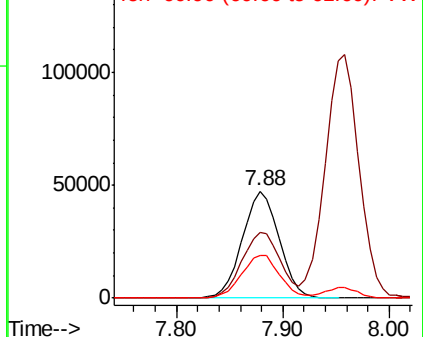
97 100

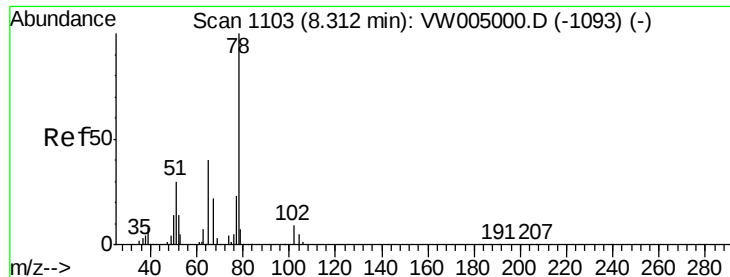
99 64.5 52.3 78.5

61 41.5 33.2 49.8



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





#33

1,2-Dichloroethane-d4

Concen: 45.908 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW005007.D

Acq: 29 Aug 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

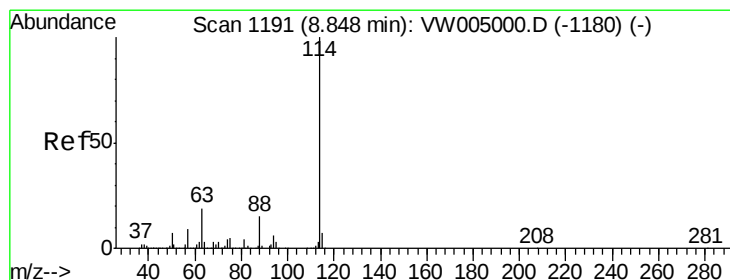
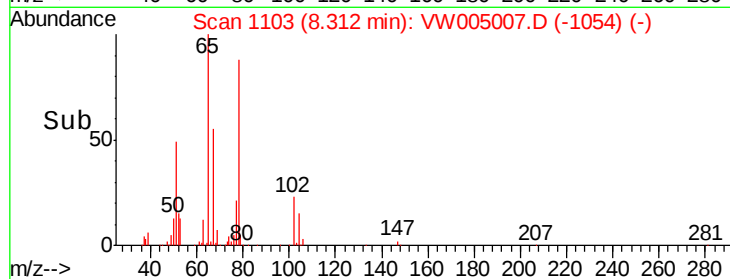
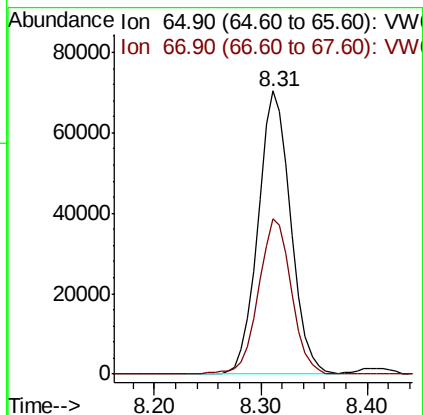
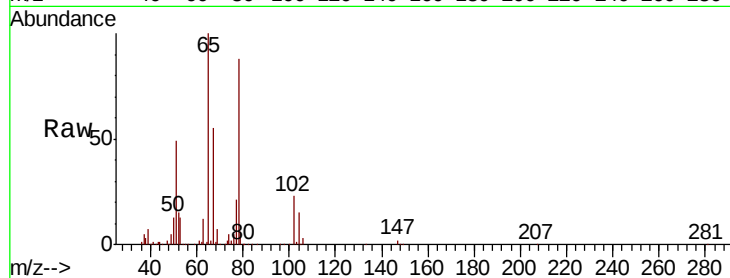
VW0829SBSD01

Tgt Ion: 65 Resp: 150837

Ion Ratio Lower Upper

65 100

67 55.6 0.0 112.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW005007.D

Acq: 29 Aug 2018 16:54

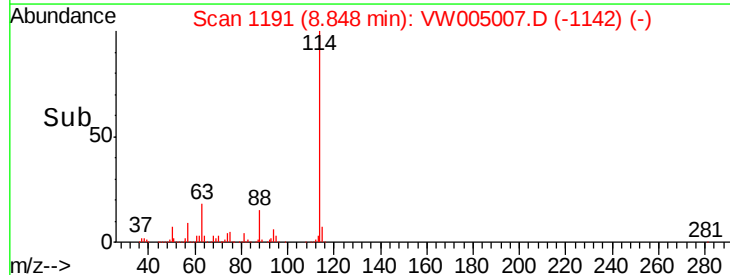
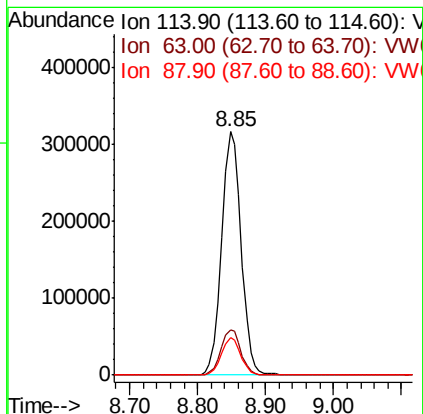
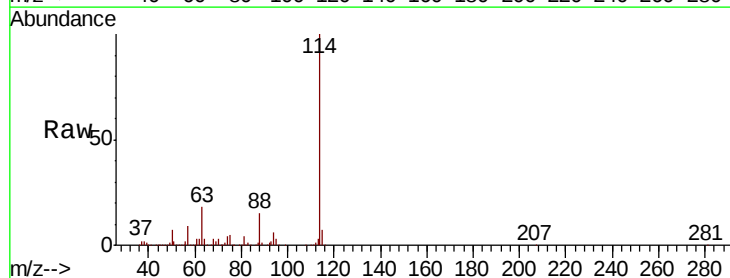
Tgt Ion: 114 Resp: 630730

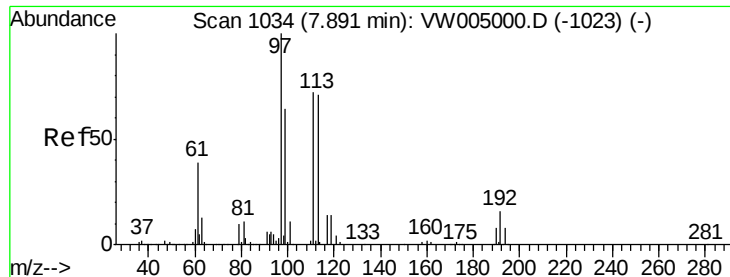
Ion Ratio Lower Upper

114 100

63 18.4 0.0 38.4

88 15.4 0.0 30.6

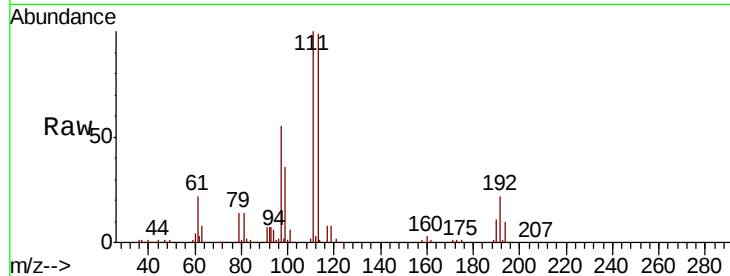




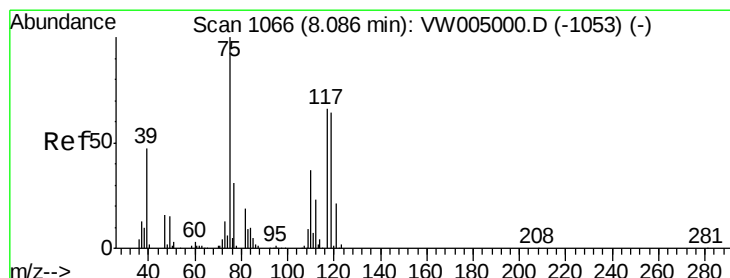
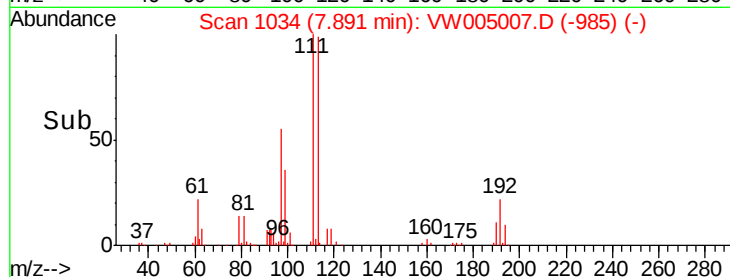
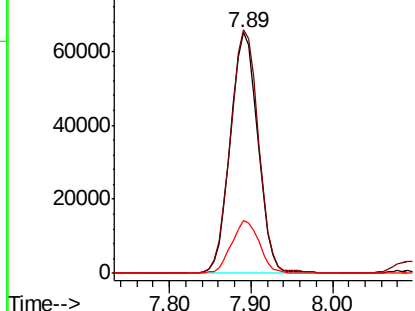
#35
 Dibromofluoromethane
 Concen: 48.504 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005007.D
 Acq: 29 Aug 2018 16:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBSD01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.3	121.9
192	22.0	17.8	26.8

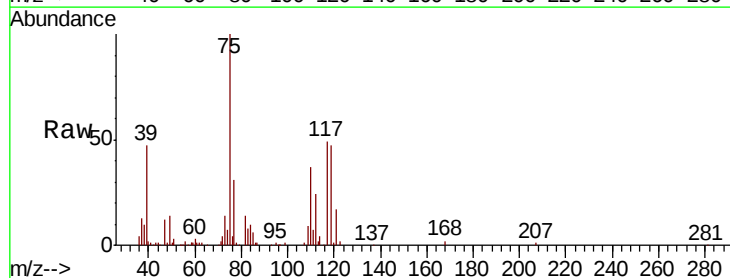


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

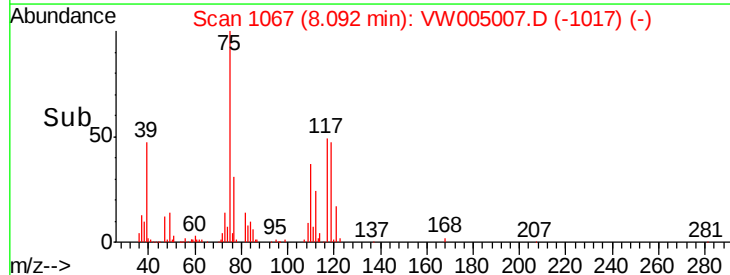
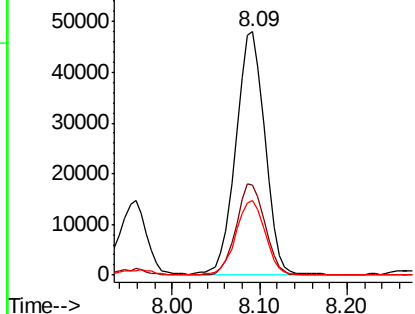


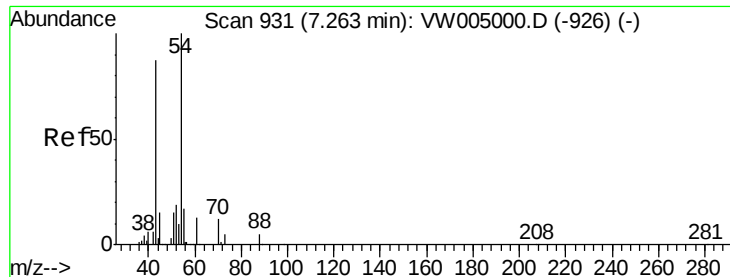
#36
 1,1-Dichloropropene
 Concen: 20.676 ug/l
 RT: 8.09 min Scan# 1067
 Delta R.T. 0.01 min
 Lab File: VW005007.D
 Acq: 29 Aug 2018 16:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.1	18.7	56.1
77	31.5	24.9	37.3



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

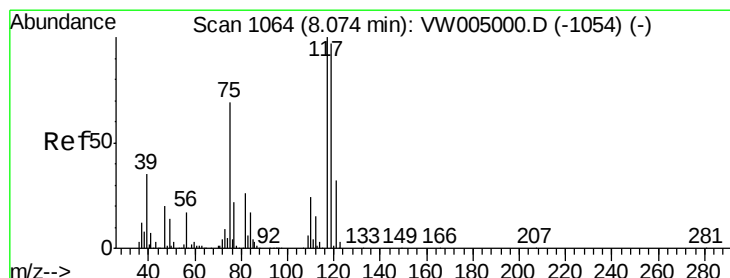
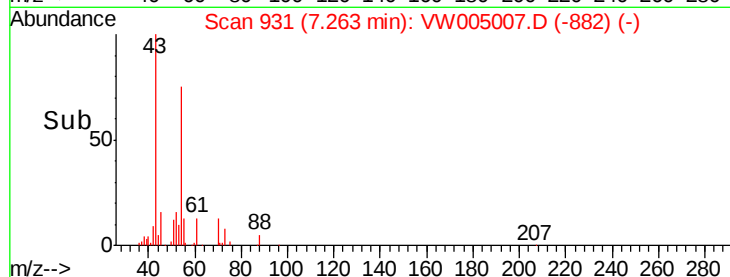
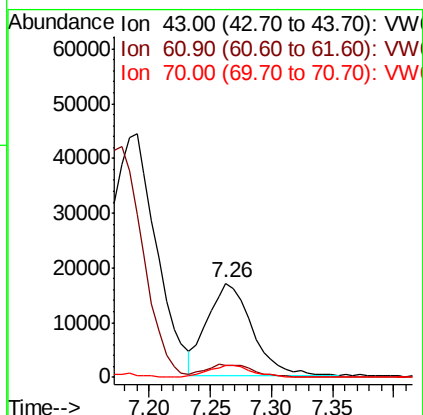
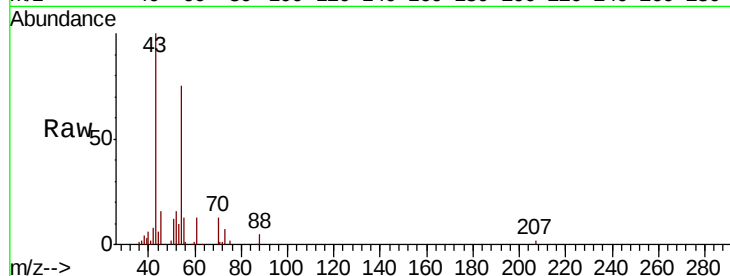




#37
 Ethyl Acetate
 Concen: 22.281 ug/l
 RT: 7.26 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: VW005007.D
 Acq: 29 Aug 2018 16:54

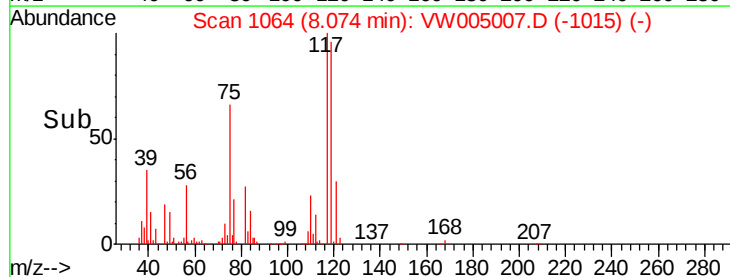
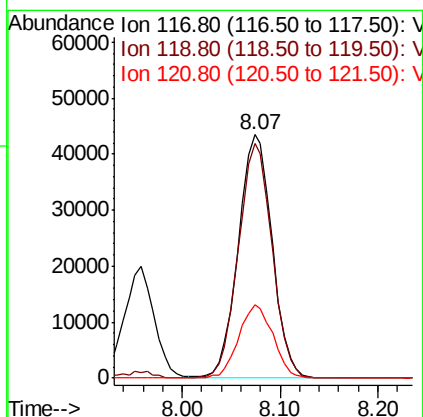
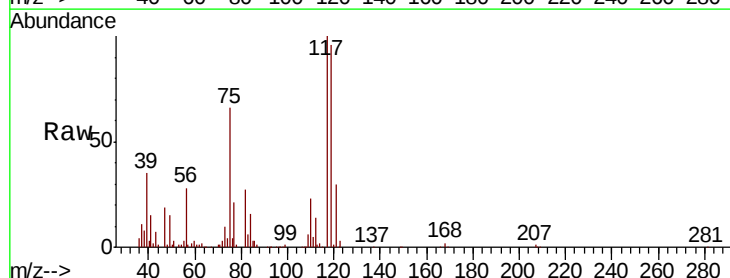
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBSD01

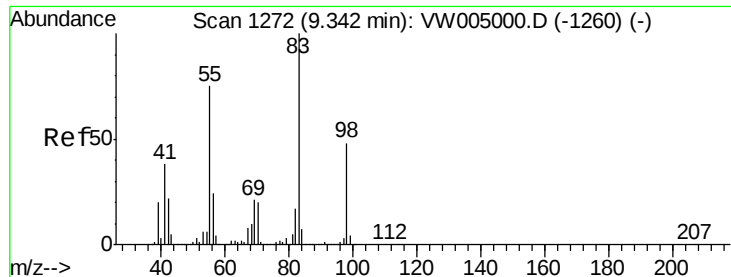
Tgt Ion: 43 Resp: 42920
 Ion Ratio Lower Upper
 43 100
 61 15.5 12.3 18.5
 70 13.0 9.7 14.5



#38
 Carbon Tetrachloride
 Concen: 20.188 ug/l
 RT: 8.07 min Scan# 1064
 Delta R.T. -0.00 min
 Lab File: VW005007.D
 Acq: 29 Aug 2018 16:54

Tgt Ion: 117 Resp: 104410
 Ion Ratio Lower Upper
 117 100
 119 96.5 77.8 116.8
 121 30.2 25.2 37.8

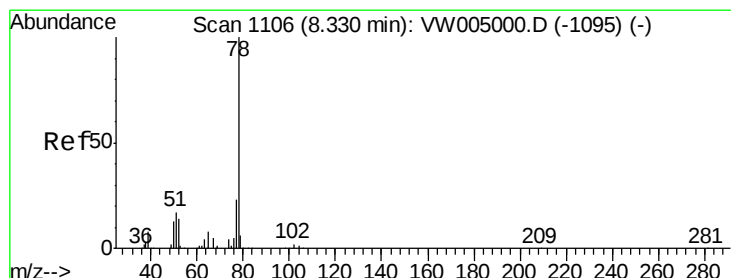
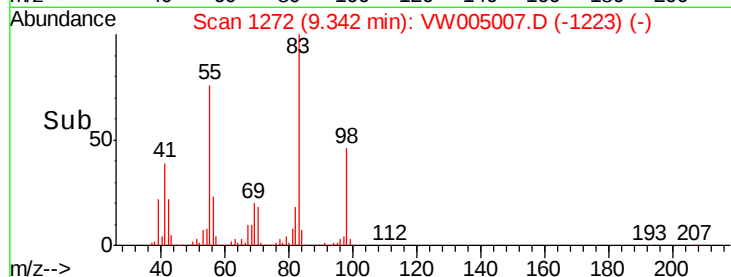
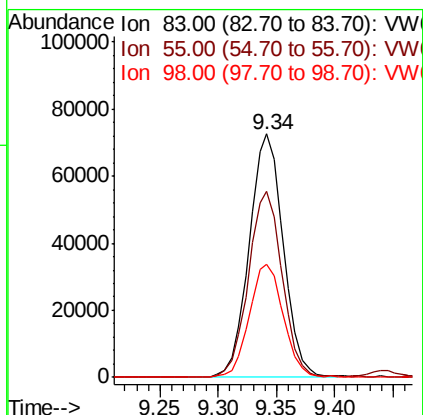
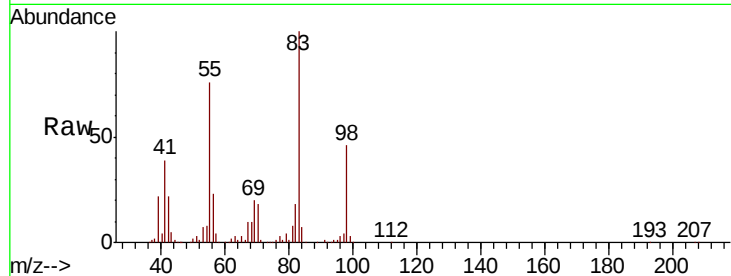




#39
Methylcyclohexane
Concen: 20.110 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VW005007.D
Acq: 29 Aug 2018 16:54

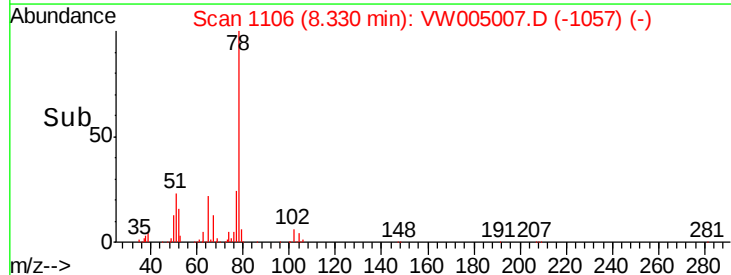
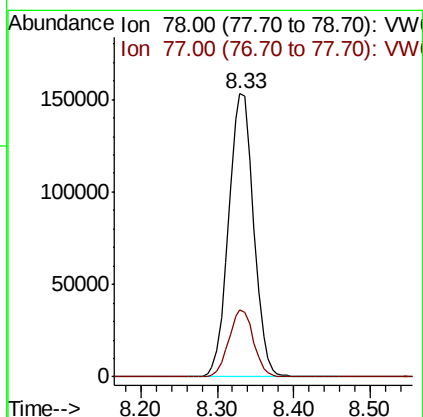
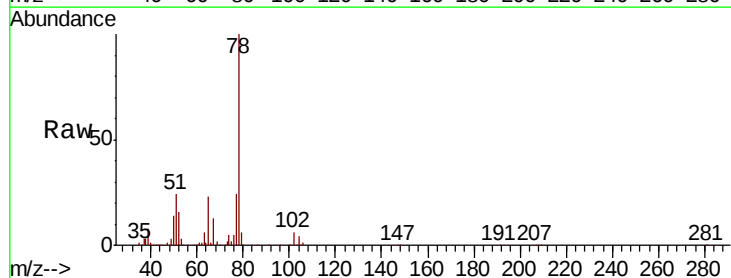
Instrument :
MSVOA_W
ClientSampleId :
VW0829SBS01

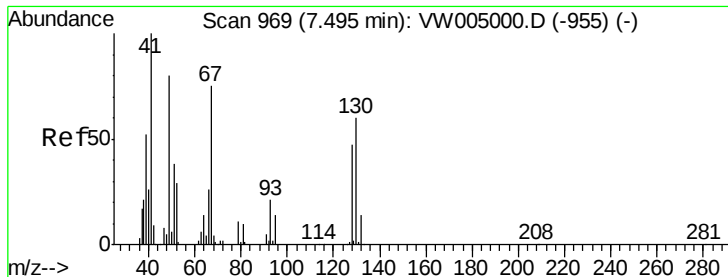
Tgt Ion: 83 Resp: 148151
Ion Ratio Lower Upper
83 100
55 76.3 60.2 90.2
98 46.4 38.6 57.8



#40
Benzene
Concen: 20.295 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VW005007.D
Acq: 29 Aug 2018 16:54

Tgt Ion: 78 Resp: 347177
Ion Ratio Lower Upper
78 100
77 23.7 18.6 28.0





#41

Methacrylonitrile

Concen: 21.435 ug/l

RT: 7.49 min Scan# 968

Delta R.T. -0.01 min

Lab File: VW005007.D

Acq: 29 Aug 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBS01

Tgt Ion: 41 Resp: 24062

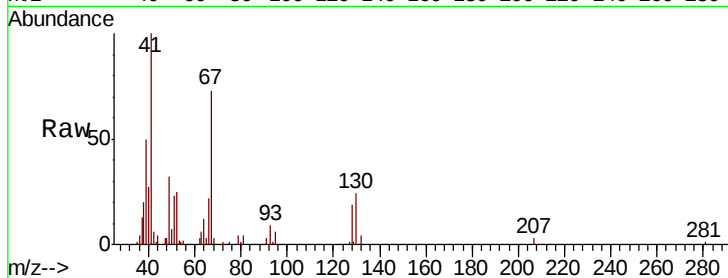
Ion Ratio Lower Upper

41 100

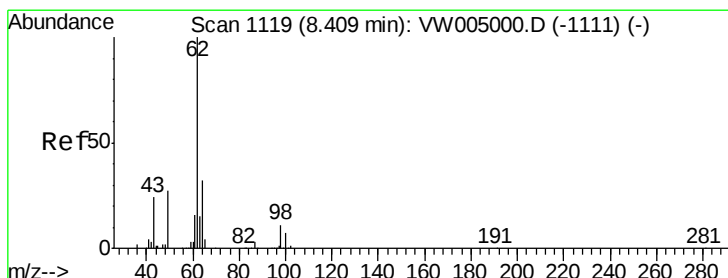
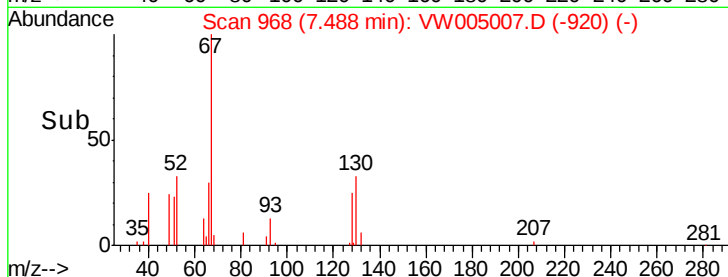
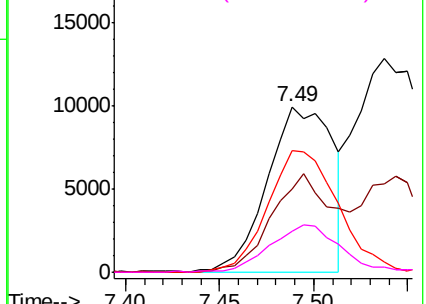
39 57.8 42.0 63.0

67 79.1 63.4 95.2

52 30.7 24.6 37.0



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



#42

1,2-Dichloroethane

Concen: 20.122 ug/l

RT: 8.41 min Scan# 1119

Delta R.T. -0.00 min

Lab File: VW005007.D

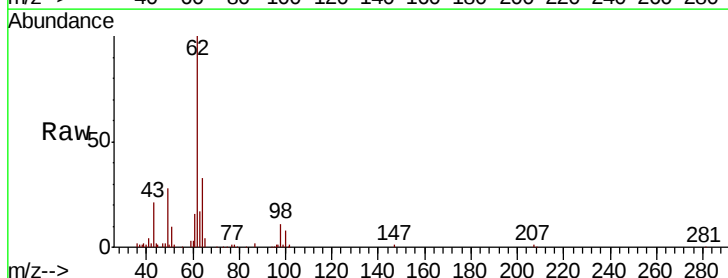
Acq: 29 Aug 2018 16:54

Tgt Ion: 62 Resp: 76593

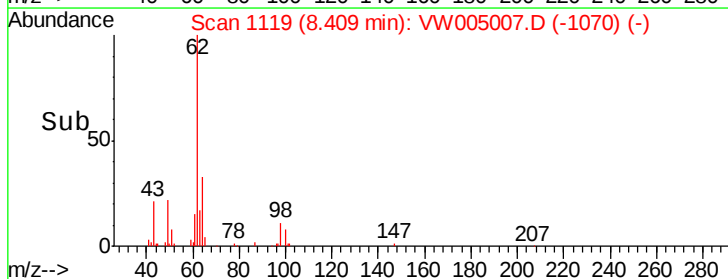
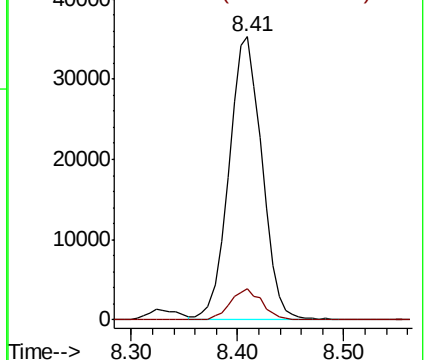
Ion Ratio Lower Upper

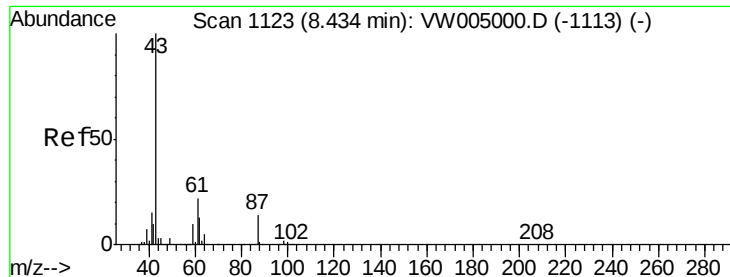
62 100

98 10.6 0.0 20.8



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





#43

Isopropyl Acetate

Concen: 20.736 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VW005007.D

Acq: 29 Aug 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBSD01

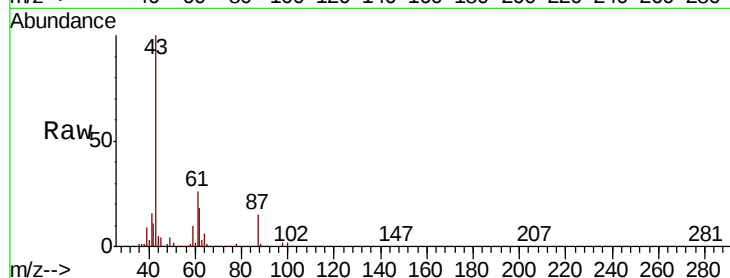
Tgt Ion: 43 Resp: 79481

Ion Ratio Lower Upper

43 100

61 33.6 26.2 39.4

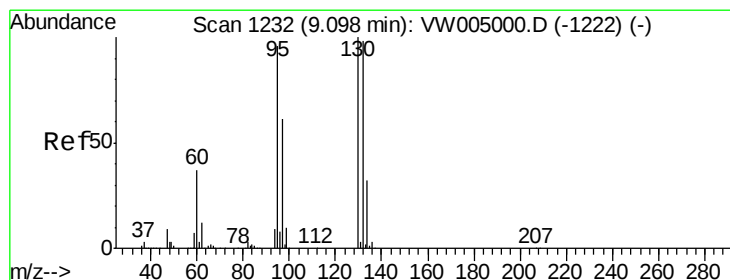
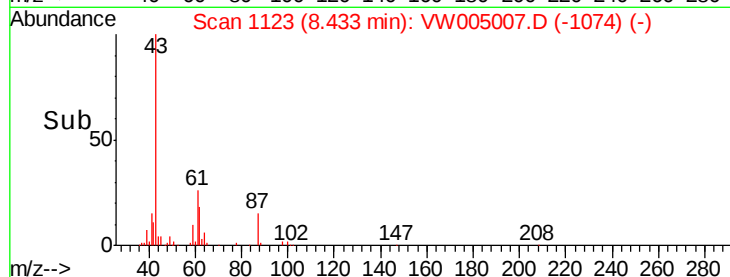
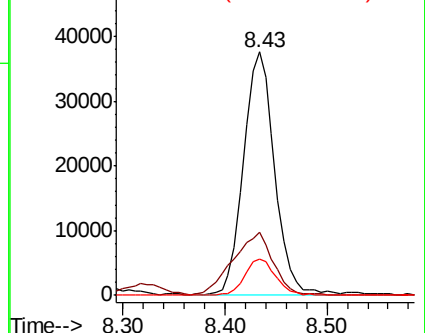
87 14.9 11.8 17.6



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: 20.262 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VW005007.D

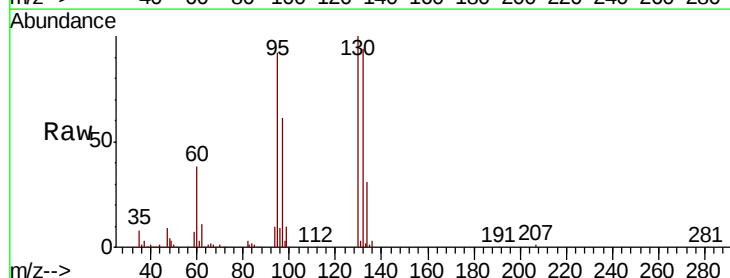
Acq: 29 Aug 2018 16:54

Tgt Ion: 130 Resp: 88532

Ion Ratio Lower Upper

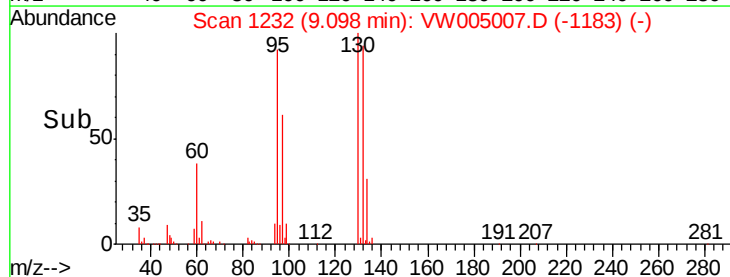
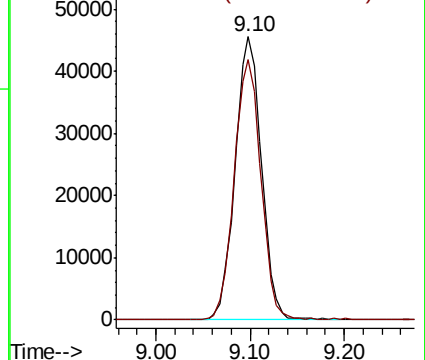
130 100

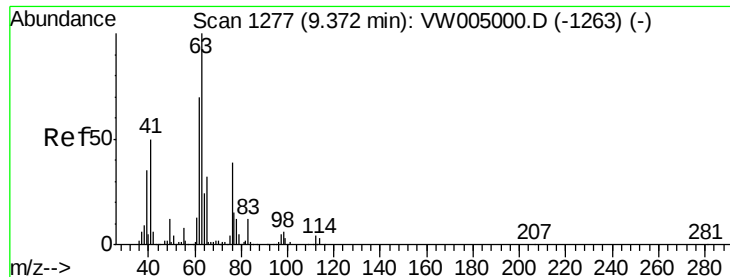
95 91.8 0.0 192.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

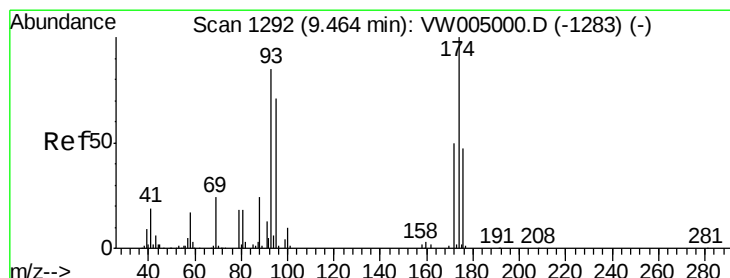
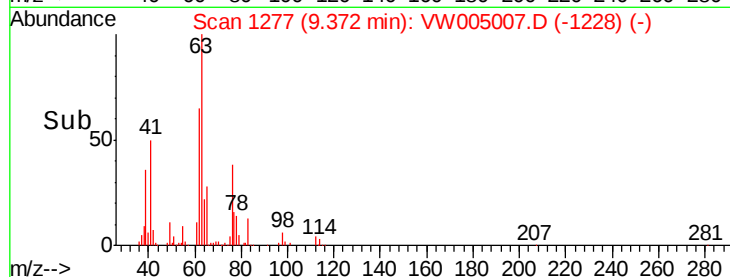
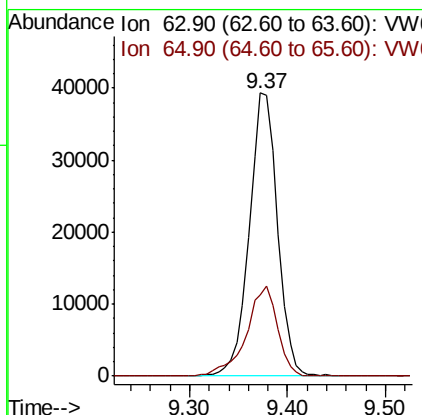
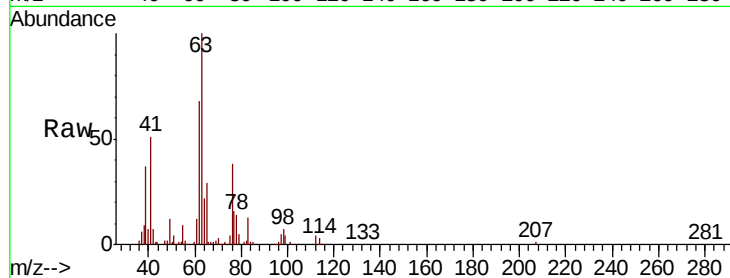




#45
 1,2-Dichloropropane
 Concen: 20.092 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW005007.D
 Acq: 29 Aug 2018 16:54

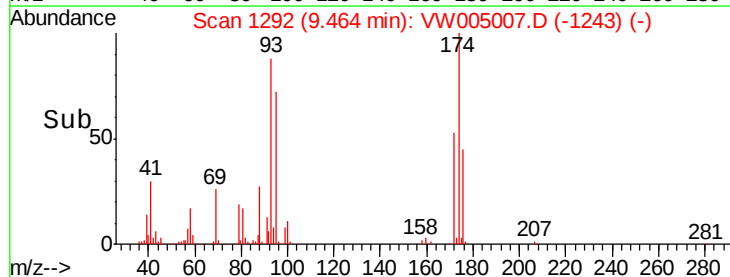
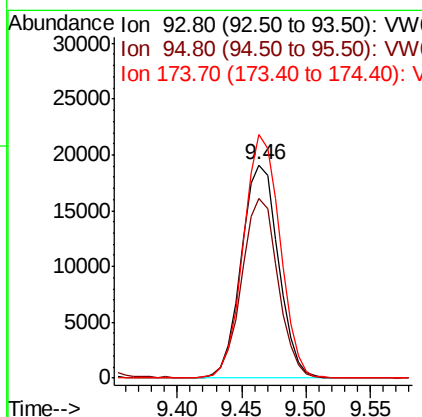
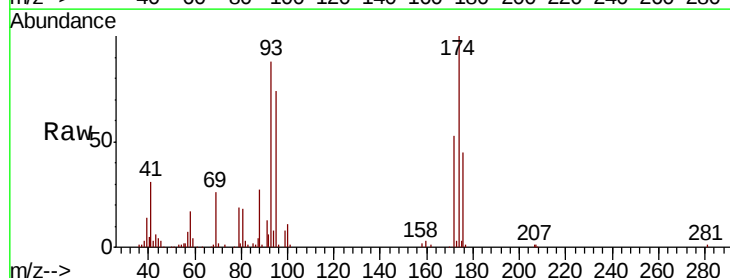
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBSD01

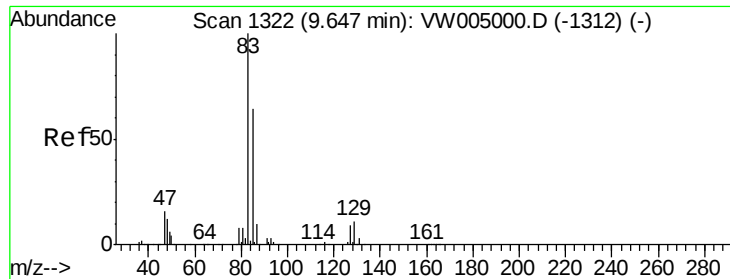
Tgt Ion: 63 Resp: 78639
 Ion Ratio Lower Upper
 63 100
 65 28.8 25.3 37.9



#46
 Dibromomethane
 Concen: 20.480 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: VW005007.D
 Acq: 29 Aug 2018 16:54

Tgt Ion: 93 Resp: 37938
 Ion Ratio Lower Upper
 93 100
 95 82.5 68.0 102.0
 174 112.9 91.4 137.0





#47

Bromodichloromethane

Concen: 19.969 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW005007.D

Acq: 29 Aug 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBS01

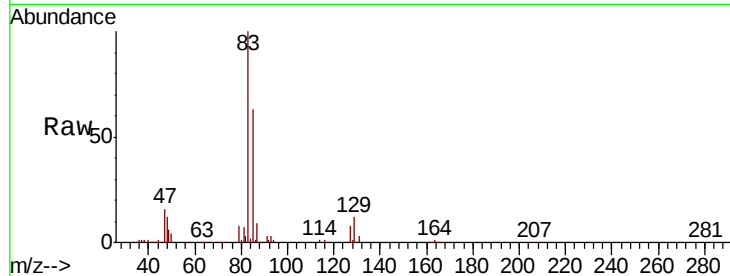
Tgt Ion: 83 Resp: 91402

Ion Ratio Lower Upper

83 100

85 62.9 51.3 76.9

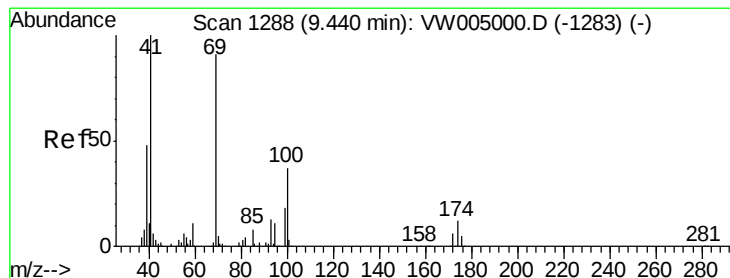
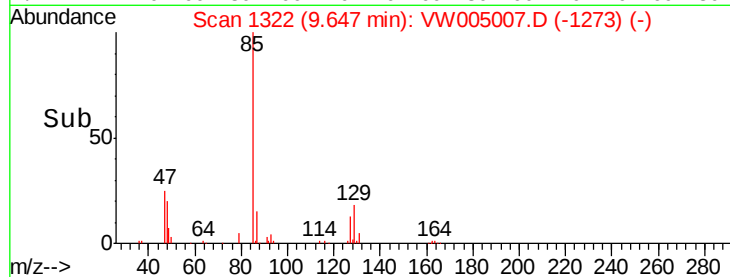
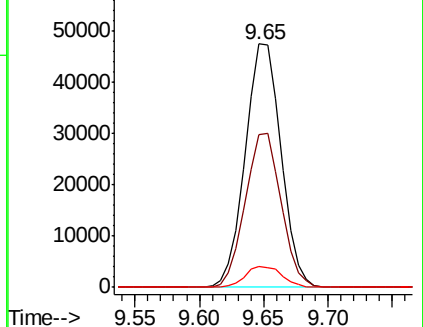
127 8.4 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 19.709 ug/l

RT: 9.45 min Scan# 1289

Delta R.T. 0.01 min

Lab File: VW005007.D

Acq: 29 Aug 2018 16:54

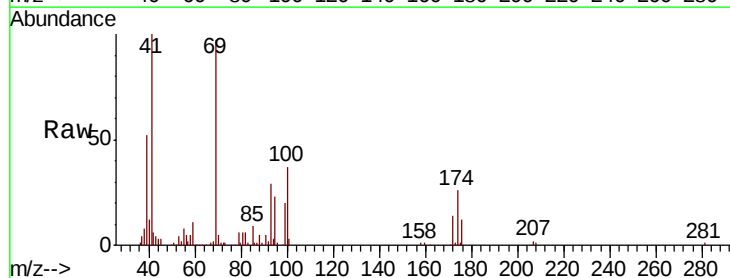
Tgt Ion: 41 Resp: 40691

Ion Ratio Lower Upper

41 100

69 104.0 72.5 108.7

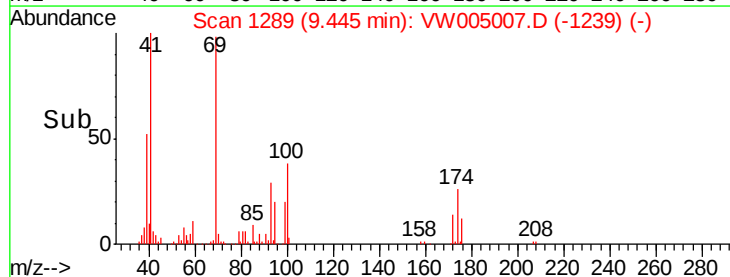
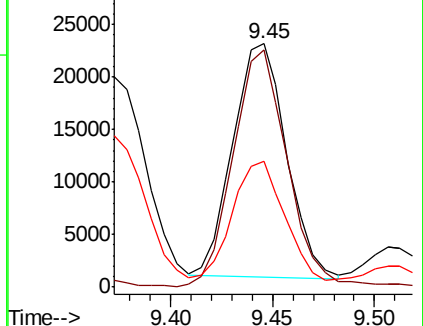
39 49.0 37.0 55.6

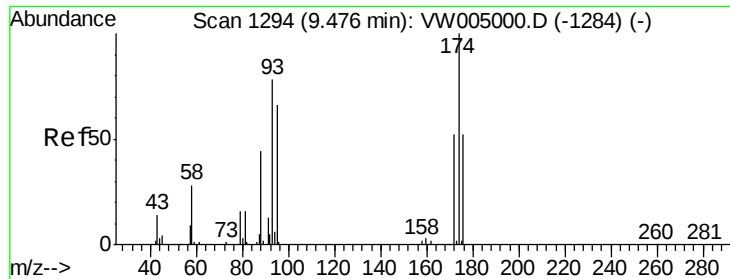


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 451.697 ug/l

RT: 9.48 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VW005007.D

Acq: 29 Aug 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBSD01

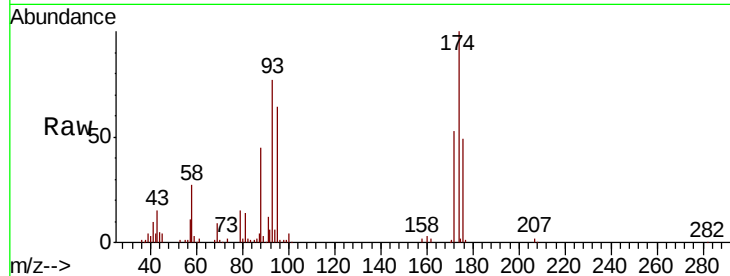
Tgt Ion: 88 Resp: 17364

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

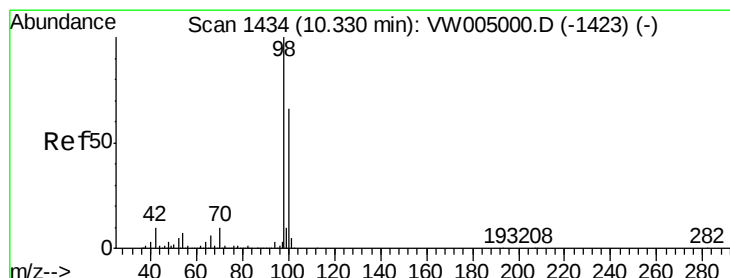
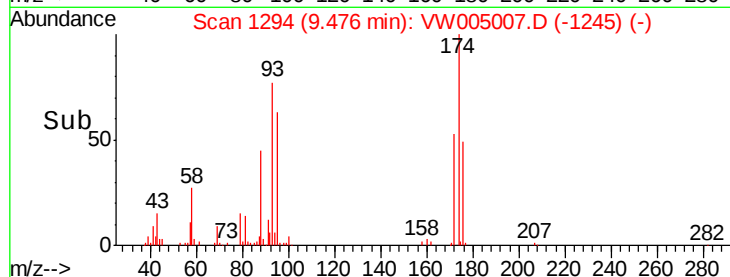
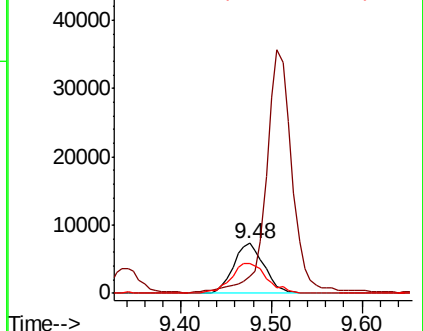
58 70.7 57.0 85.4



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 52.089 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW005007.D

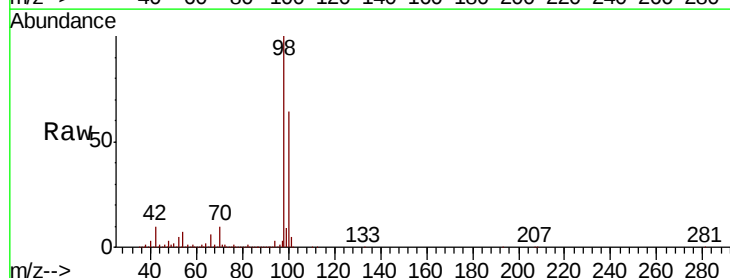
Acq: 29 Aug 2018 16:54

Tgt Ion: 98 Resp: 893837

Ion Ratio Lower Upper

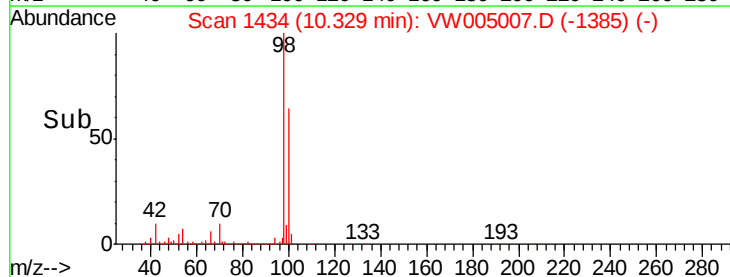
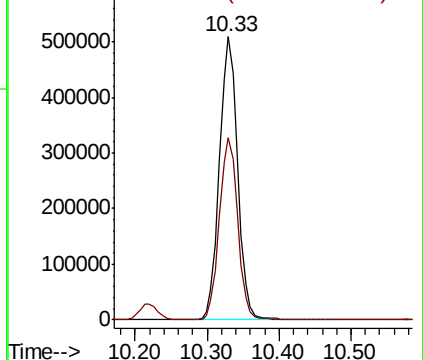
98 100

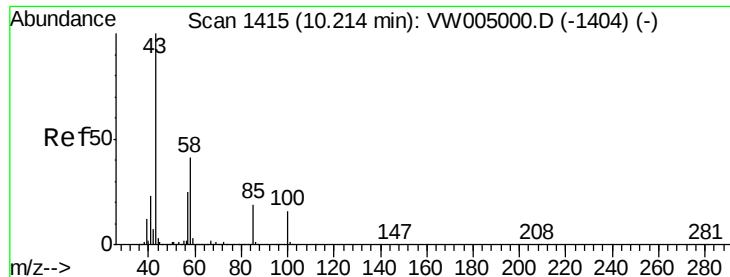
100 65.1 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

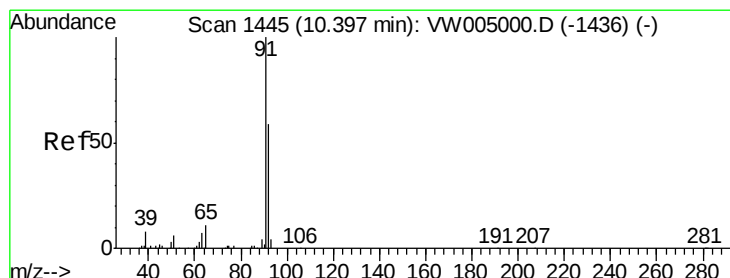
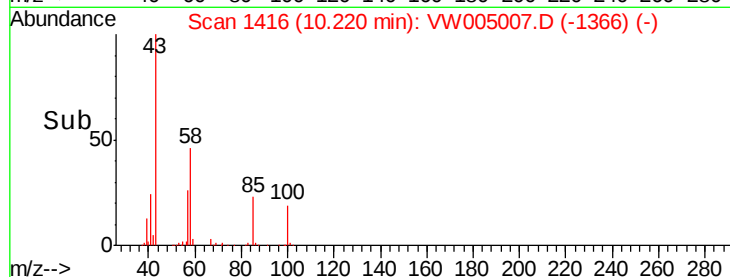
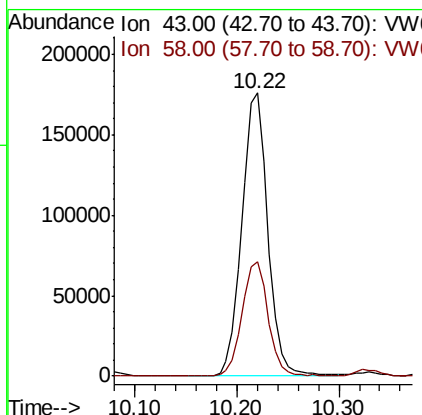
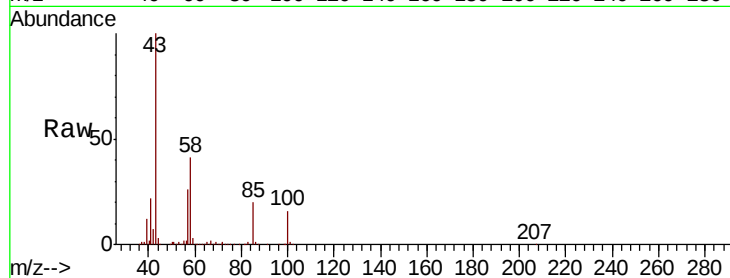




#51
 4-Methyl-2-Pentanone
 Concen: 108.386 ug/l
 RT: 10.22 min Scan# 1416
 Delta R.T. 0.01 min
 Lab File: VW005007.D
 Acq: 29 Aug 2018 16:54

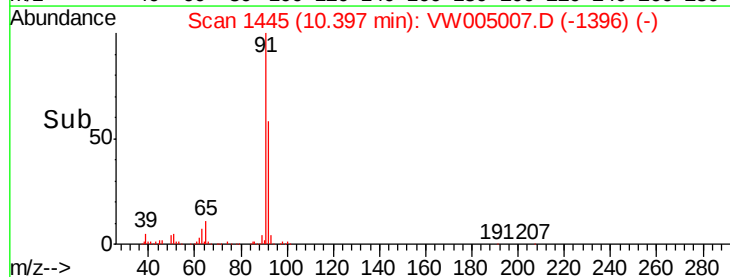
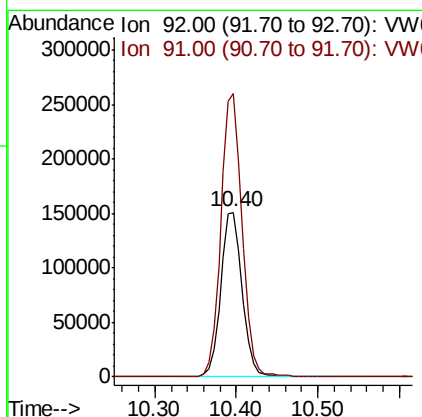
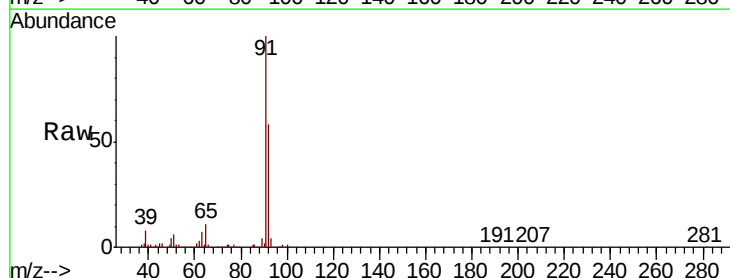
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBSD01

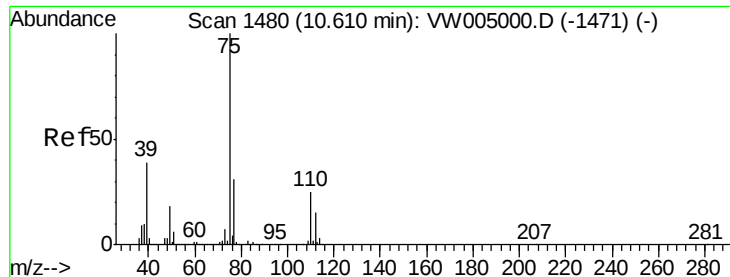
Tgt Ion: 43 Resp: 311148
 Ion Ratio Lower Upper
 43 100
 58 40.7 33.5 50.3



#52
 Toluene
 Concen: 21.574 ug/l
 RT: 10.40 min Scan# 1445
 Delta R.T. -0.00 min
 Lab File: VW005007.D
 Acq: 29 Aug 2018 16:54

Tgt Ion: 92 Resp: 273808
 Ion Ratio Lower Upper
 92 100
 91 171.2 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 20.207 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW005007.D

Acq: 29 Aug 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

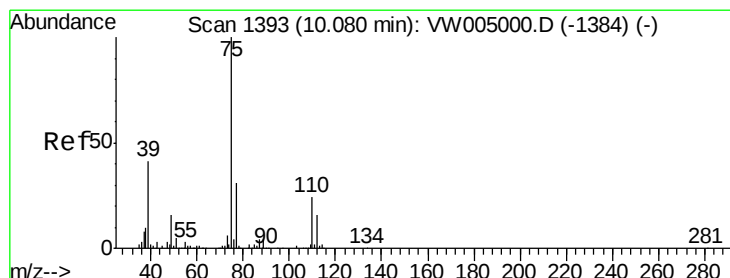
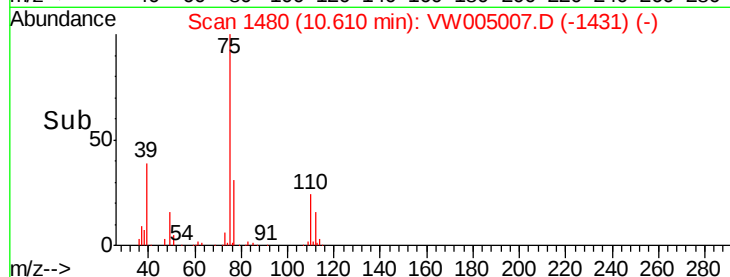
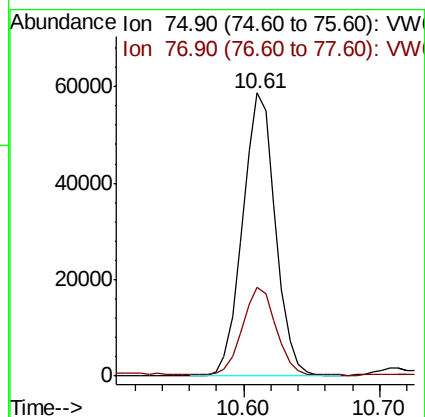
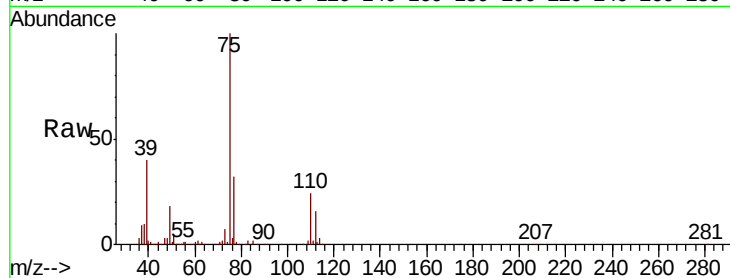
VW0829SBSD01

Tgt Ion: 75 Resp: 98782

Ion Ratio Lower Upper

75 100

77 31.0 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 20.238 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005007.D

Acq: 29 Aug 2018 16:54

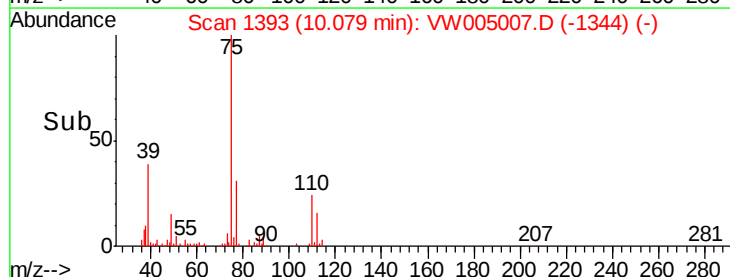
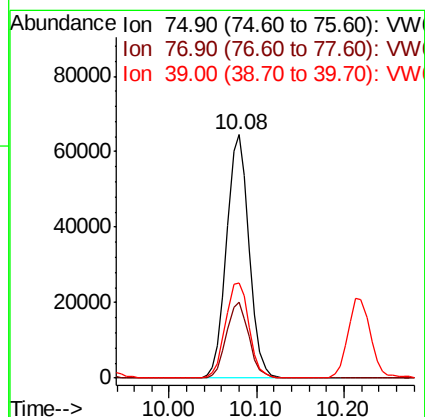
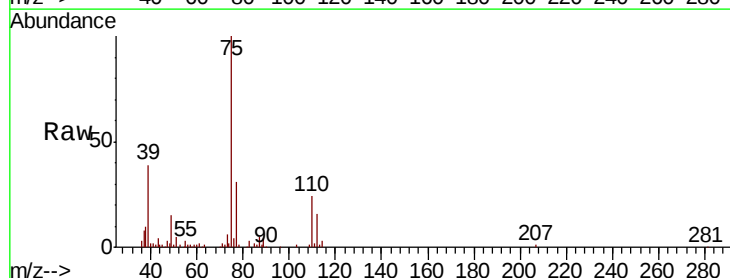
Tgt Ion: 75 Resp: 115366

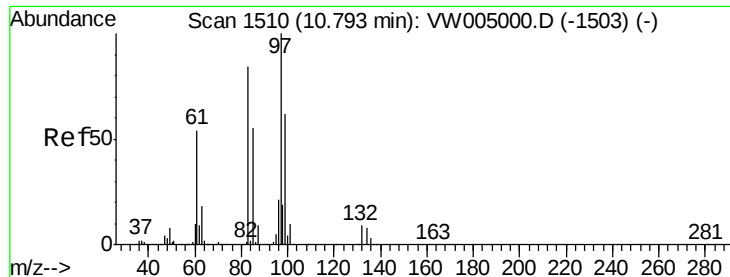
Ion Ratio Lower Upper

75 100

77 31.0 25.2 37.8

39 38.9 32.9 49.3

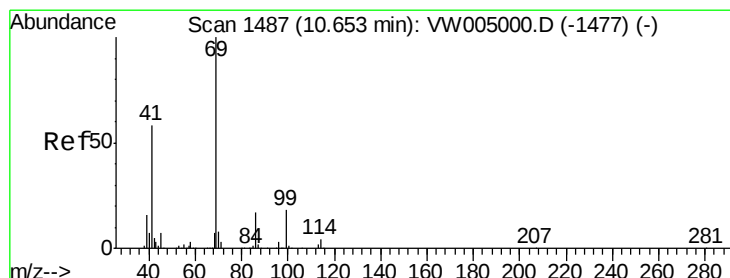
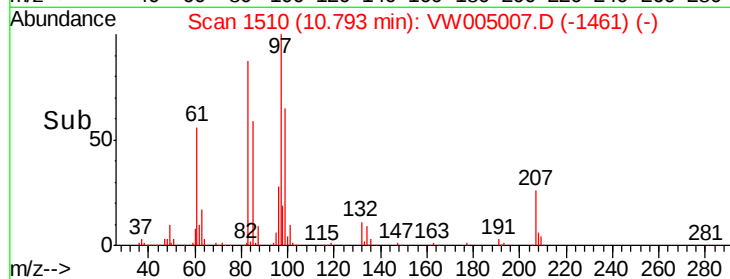
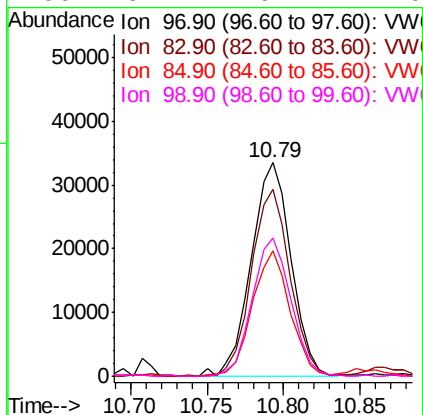
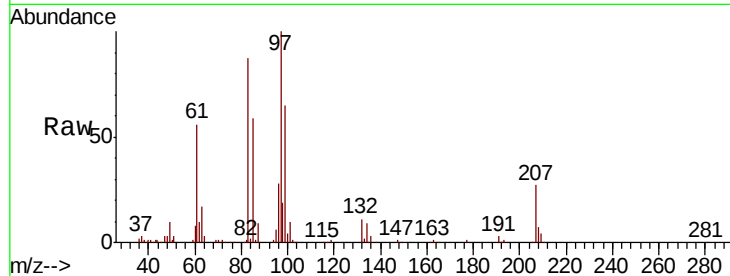




#55
 1,1,2-Trichloroethane
 Concen: 20.066 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW005007.D
 Acq: 29 Aug 2018 16:54

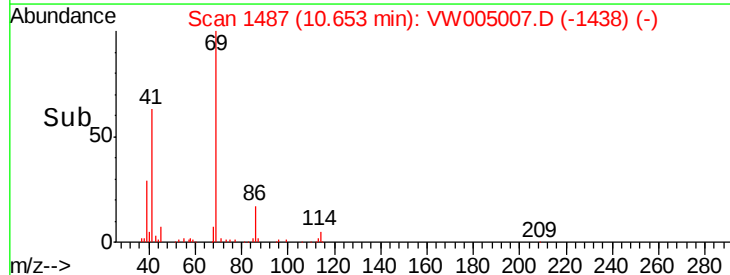
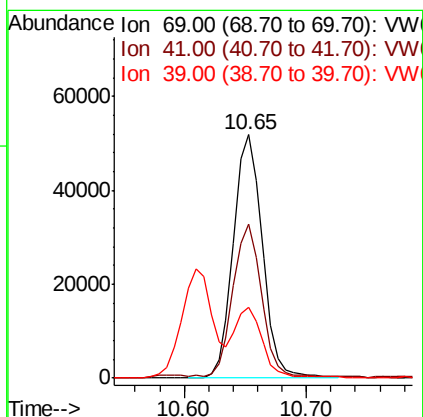
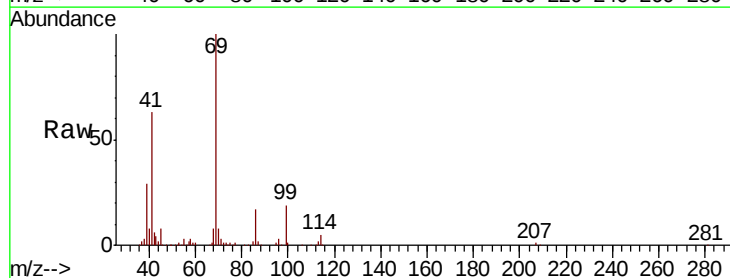
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBS01

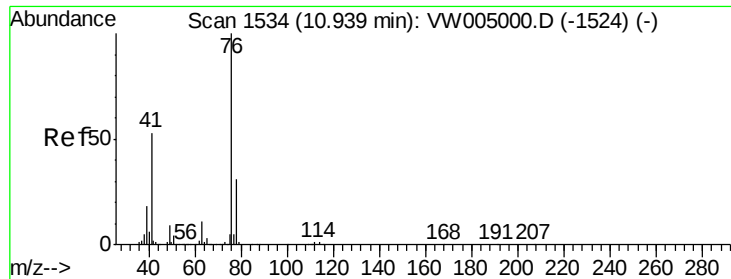
Tgt Ion:	97	Resp:	60841
Ion	Ratio	Lower	Upper
97	100		
83	87.1	67.3	100.9
85	58.4	44.3	66.5
99	64.7	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 21.499 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW005007.D
 Acq: 29 Aug 2018 16:54

Tgt Ion:	69	Resp:	85503
Ion	Ratio	Lower	Upper
69	100		
41	61.5	47.7	71.5
39	26.3	21.0	31.6

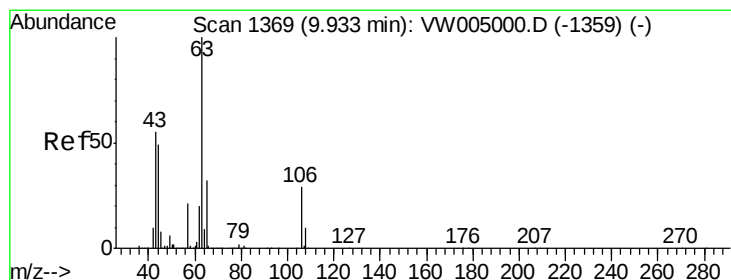
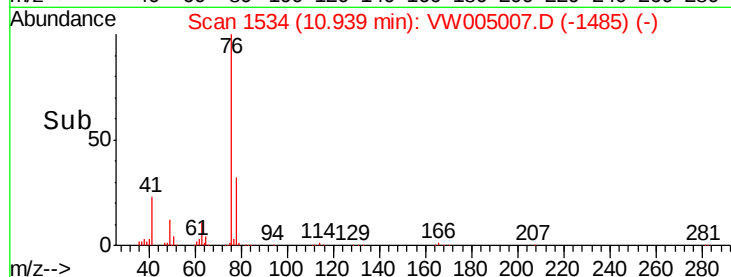
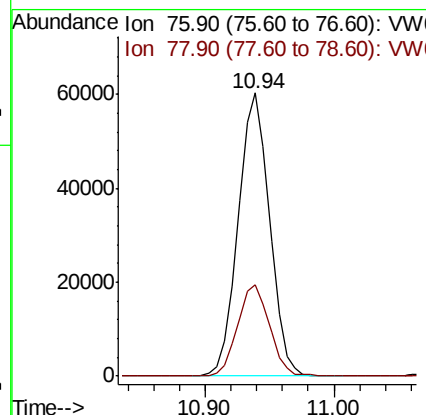
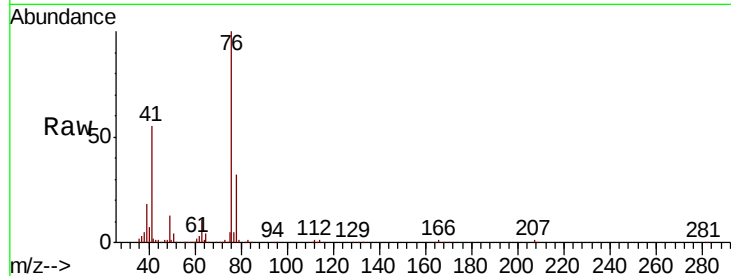




#57
 1,3-Dichloropropane
 Concen: 20.417 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VW005007.D
 Acq: 29 Aug 2018 16:54

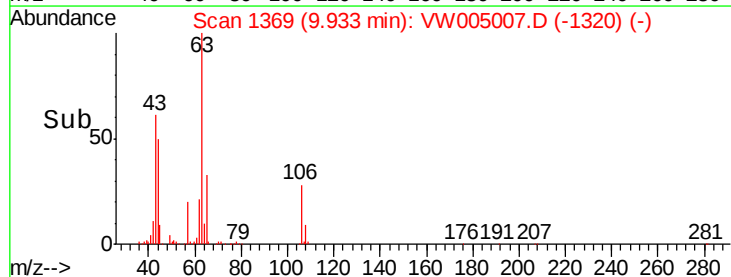
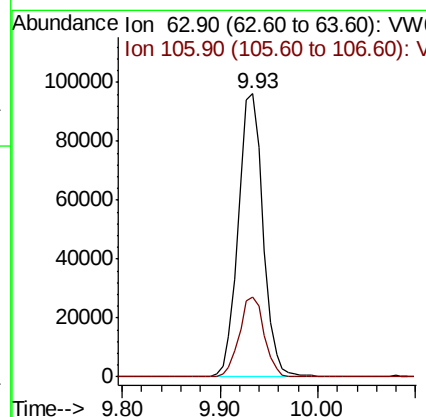
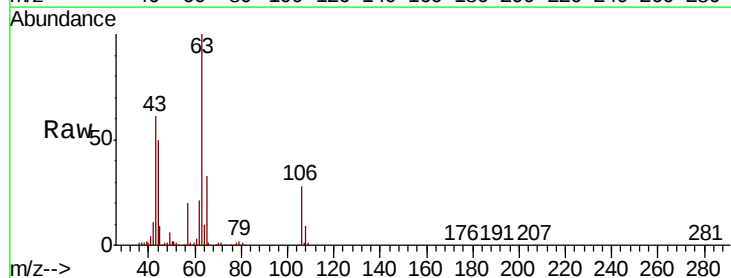
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBSD01

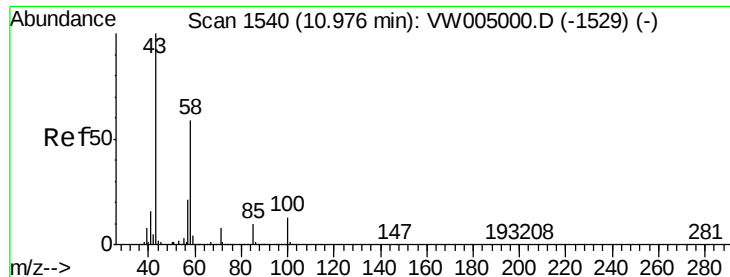
Tgt Ion: 76 Resp: 101869
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.217 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: VW005007.D
 Acq: 29 Aug 2018 16:54

Tgt Ion: 63 Resp: 170000
 Ion Ratio Lower Upper
 63 100
 106 28.6 23.2 34.8

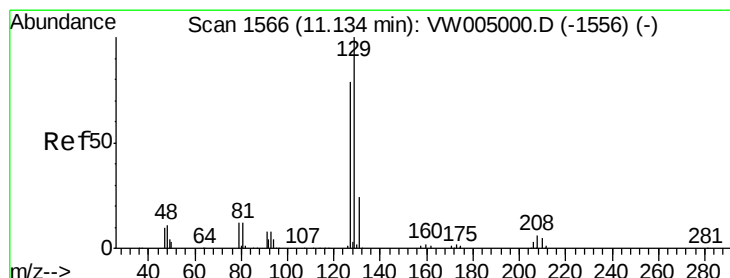
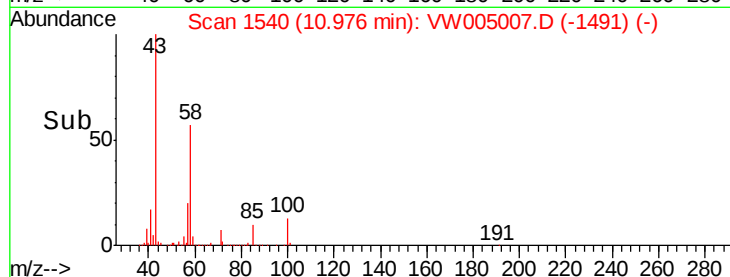
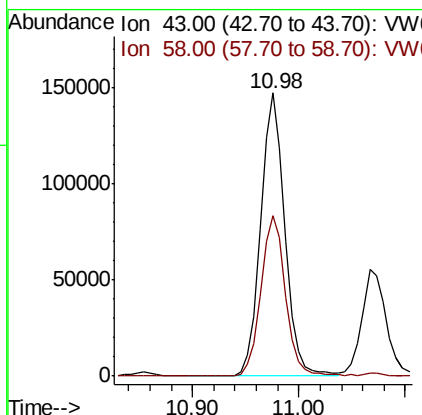
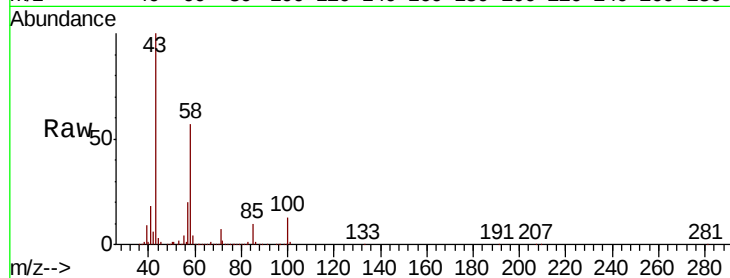




#59
2-Hexanone
Concen: 112.689 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW005007.D
Acq: 29 Aug 2018 16:54

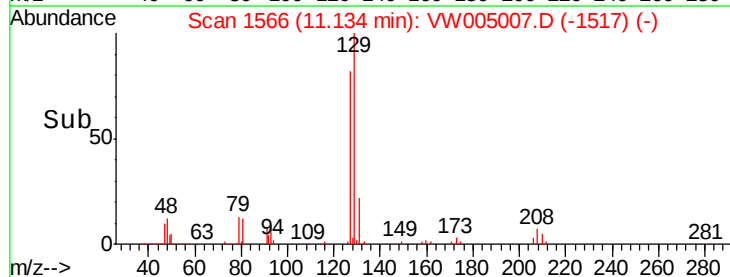
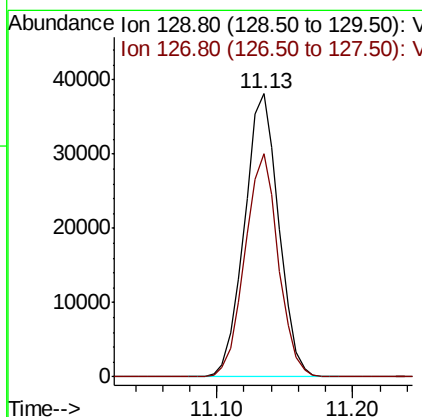
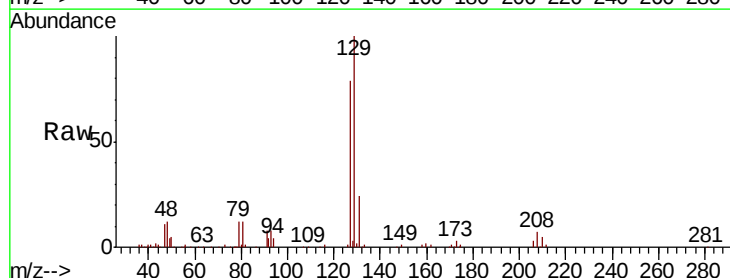
Instrument :
MSVOA_W
ClientSampleId :
VW0829SBSD01

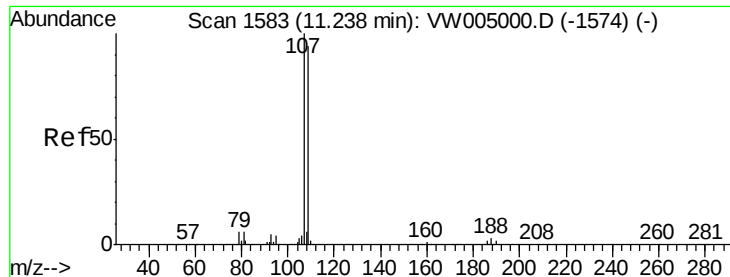
Tgt Ion: 43 Resp: 234226
Ion Ratio Lower Upper
43 100
58 57.7 29.2 87.6



#60
Dibromochloromethane
Concen: 20.232 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW005007.D
Acq: 29 Aug 2018 16:54

Tgt Ion: 129 Resp: 67328
Ion Ratio Lower Upper
129 100
127 76.6 38.3 114.8





#61

1,2-Dibromoethane

Concen: 20.351 ug/l

RT: 11.24 min Scan# 1584

Delta R.T. 0.01 min

Lab File: VW005007.D

Acq: 29 Aug 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

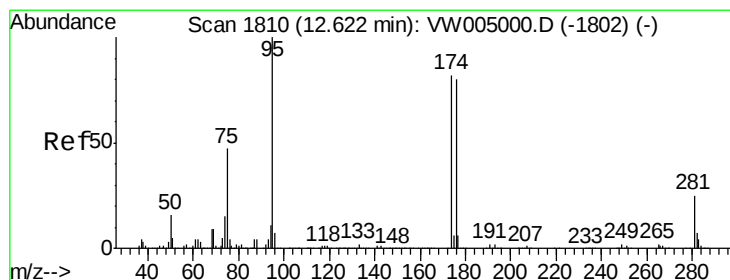
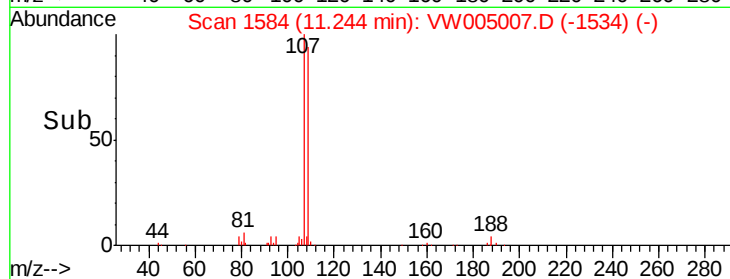
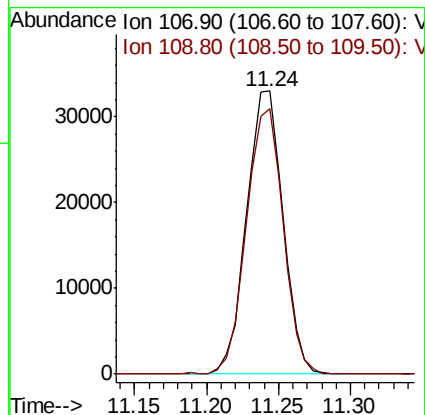
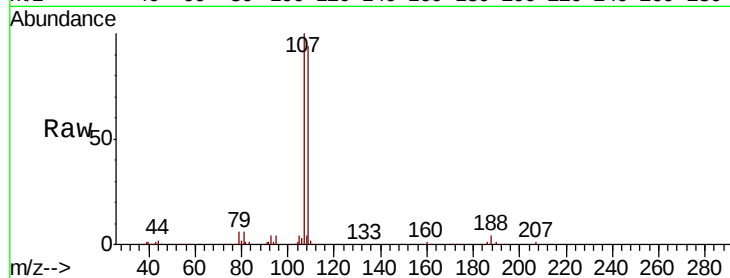
VW0829SBS01

Tgt Ion: 107 Resp: 57851

Ion Ratio Lower Upper

107 100

109 94.7 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 53.273 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW005007.D

Acq: 29 Aug 2018 16:54

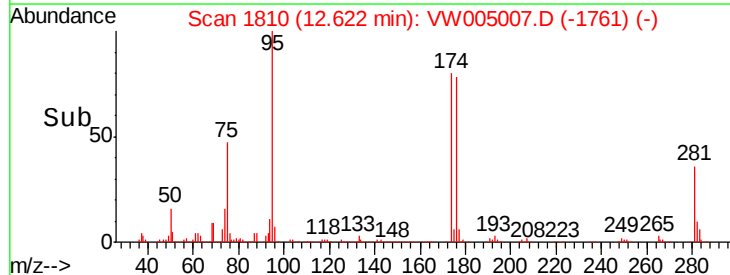
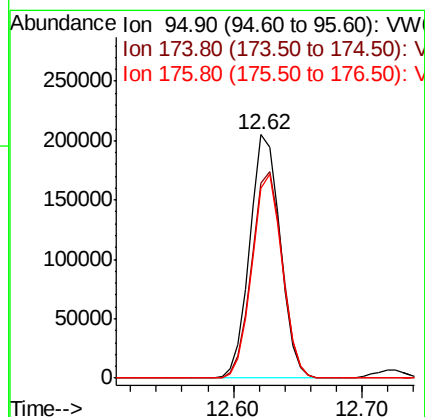
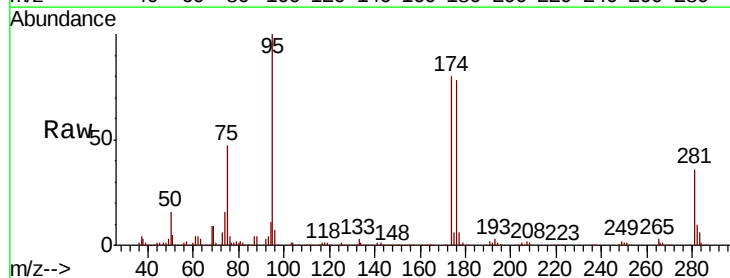
Tgt Ion: 95 Resp: 333293

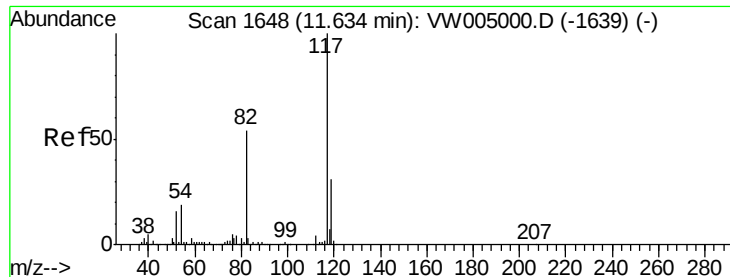
Ion Ratio Lower Upper

95 100

174 85.5 0.0 173.4

176 83.2 0.0 167.8

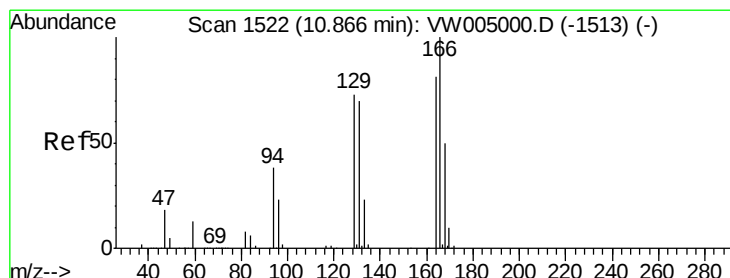
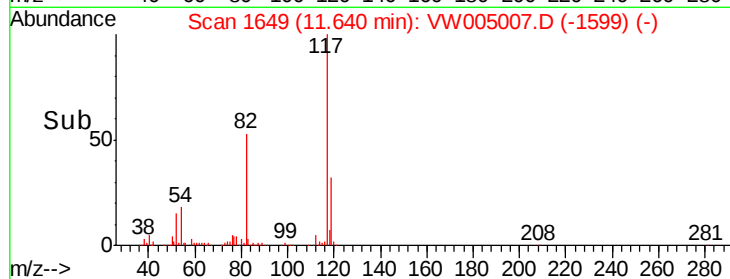
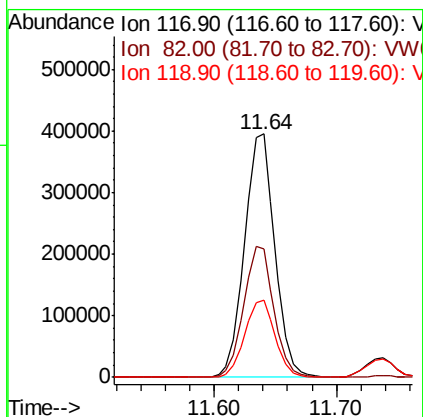
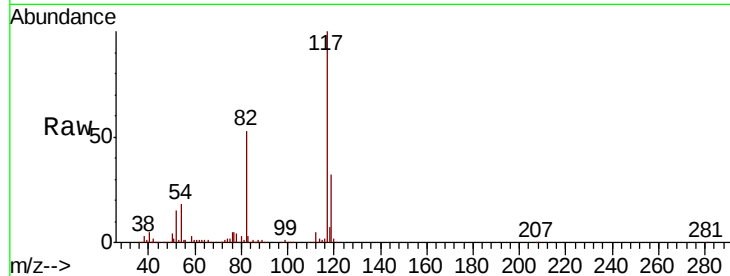




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW005007.D
Acq: 29 Aug 2018 16:54

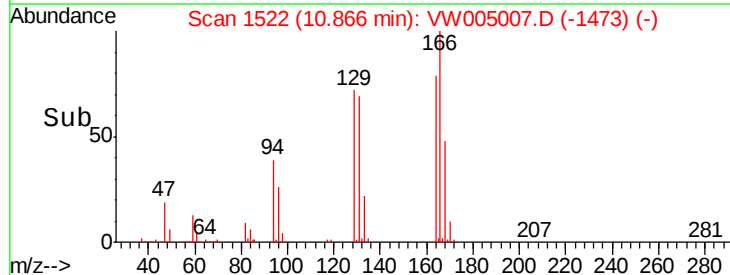
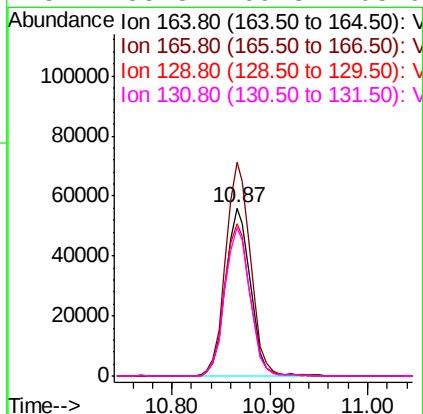
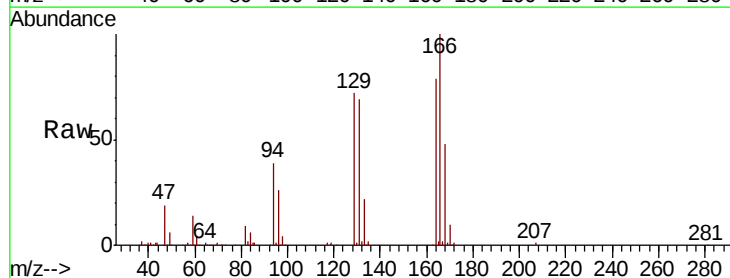
Instrument :
MSVOA_W
ClientSampleId :
VW0829SBSD01

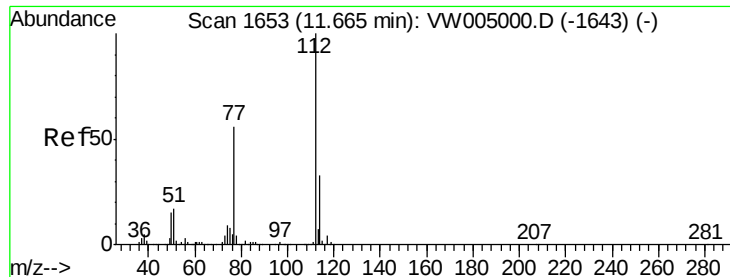
Tgt Ion:117 Resp: 680840
Ion Ratio Lower Upper
117 100
82 52.8 43.3 64.9
119 31.9 25.0 37.6



#64
Tetrachloroethene
Concen: 19.828 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW005007.D
Acq: 29 Aug 2018 16:54

Tgt Ion:164 Resp: 98428
Ion Ratio Lower Upper
164 100
166 127.3 99.4 149.0
129 91.2 72.2 108.2
131 88.3 69.3 103.9

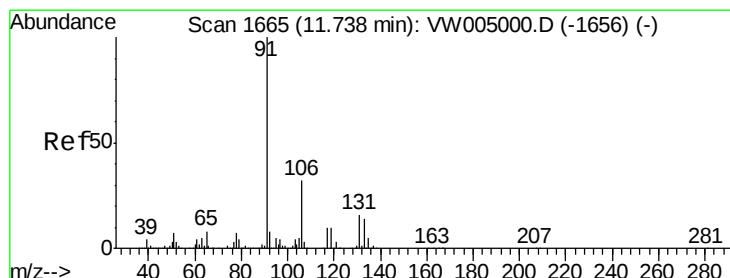
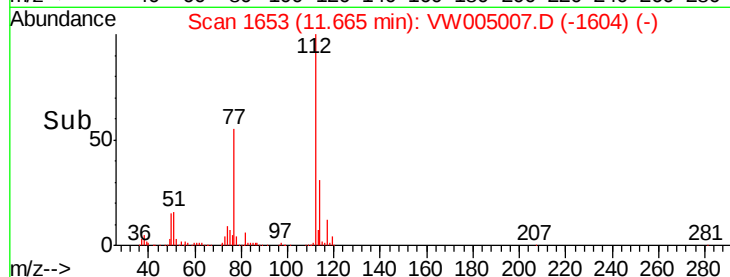
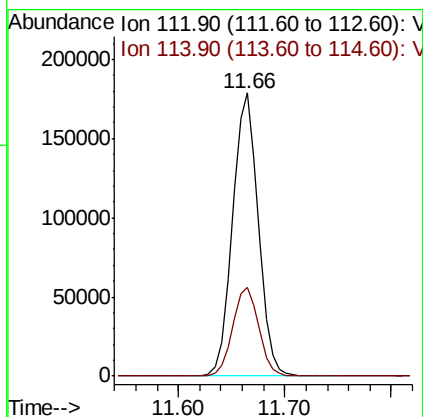
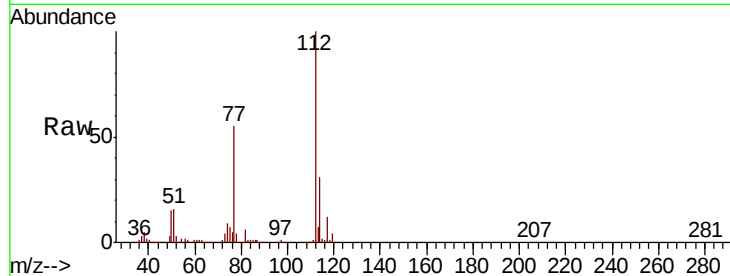




#65
Chlorobenzene
Concen: 20.258 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW005007.D
Acq: 29 Aug 2018 16:54

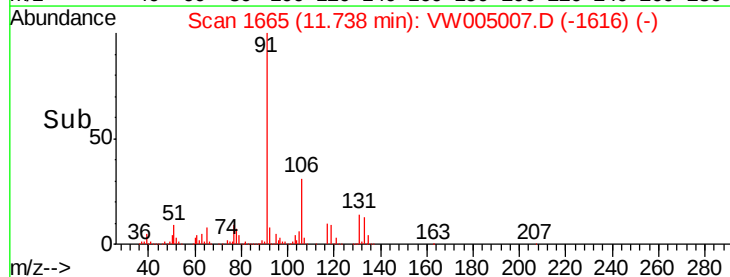
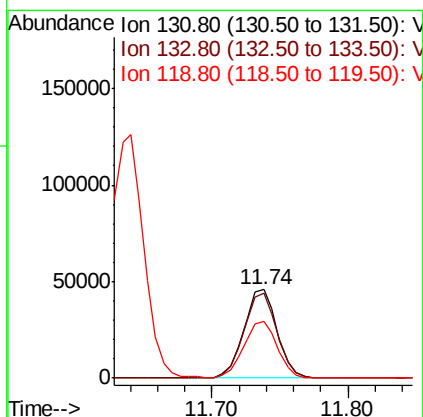
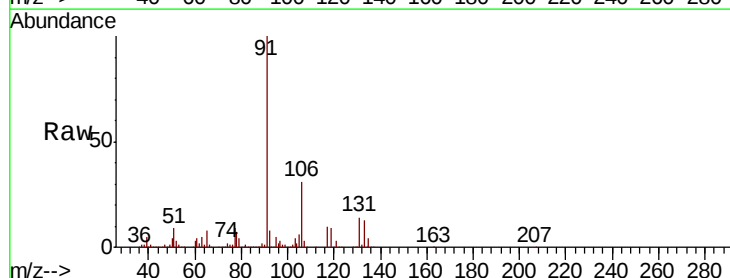
Instrument :
MSVOA_W
ClientSampleId :
VW0829SBSD01

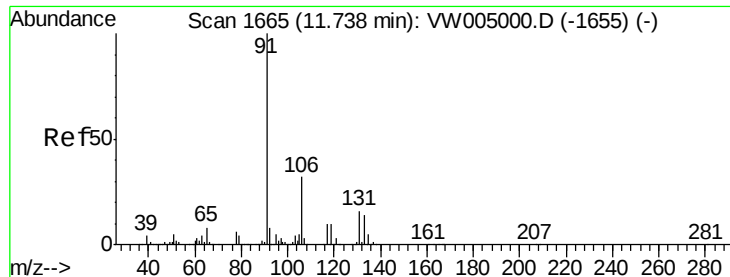
Tgt Ion:112 Resp: 303026
Ion Ratio Lower Upper
112 100
114 31.4 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.058 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW005007.D
Acq: 29 Aug 2018 16:54

Tgt Ion:131 Resp: 78297
Ion Ratio Lower Upper
131 100
133 95.5 47.4 142.3
119 64.8 33.1 99.3

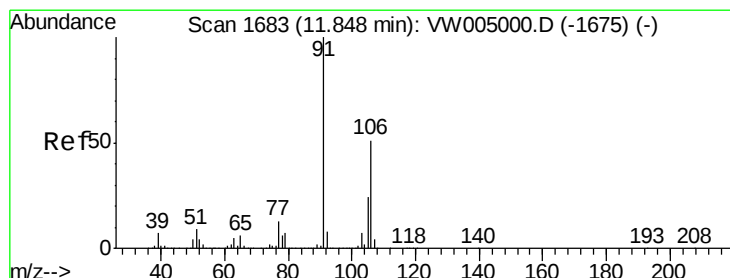
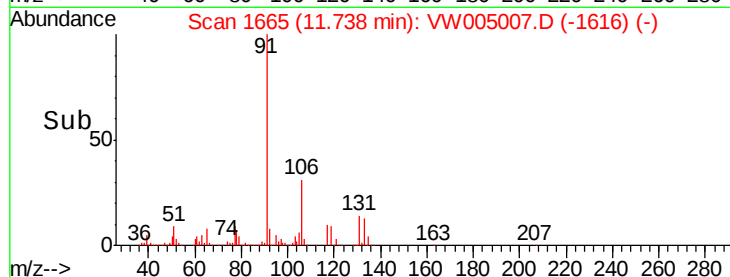
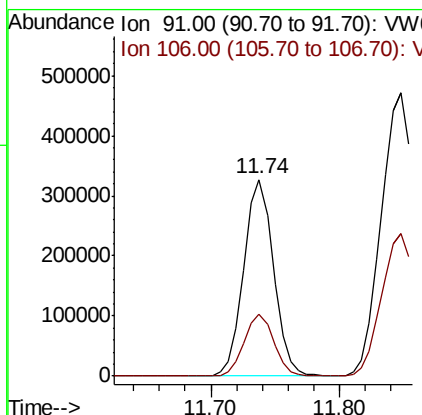
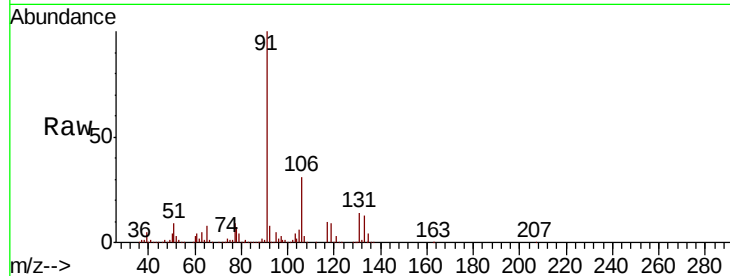




#67
Ethyl Benzene
Concen: 20.414 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW005007.D
Acq: 29 Aug 2018 16:54

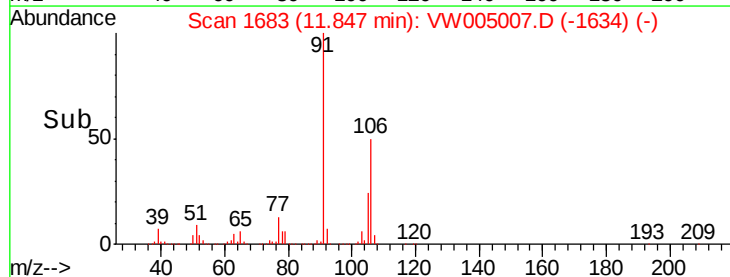
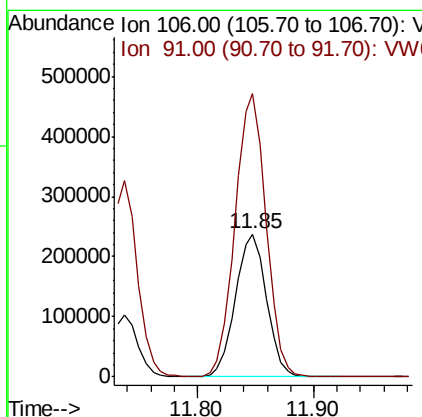
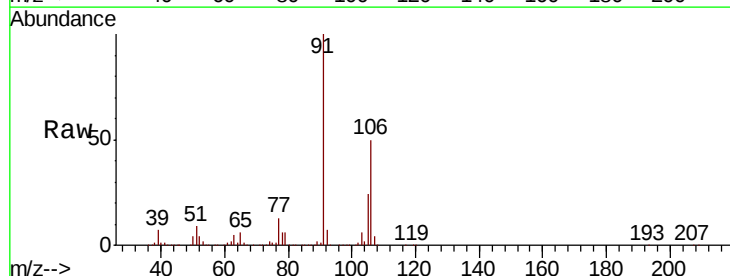
Instrument :
MSVOA_W
ClientSampleId :
VW0829SBSD01

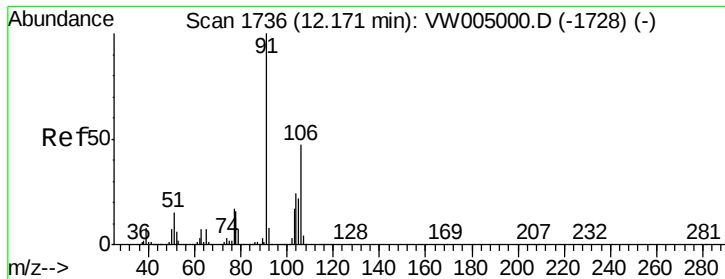
Tgt Ion: 91 Resp: 522865
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.2



#68
m/p-Xylenes
Concen: 42.321 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW005007.D
Acq: 29 Aug 2018 16:54

Tgt Ion: 106 Resp: 442115
Ion Ratio Lower Upper
106 100
91 198.0 158.4 237.6

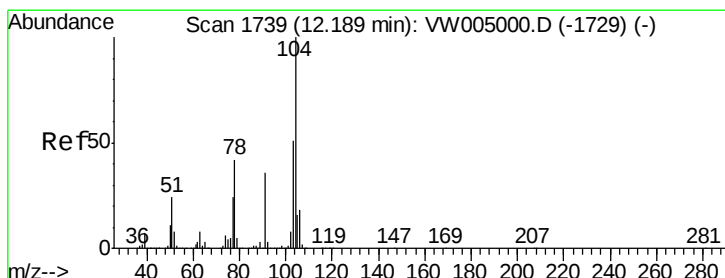
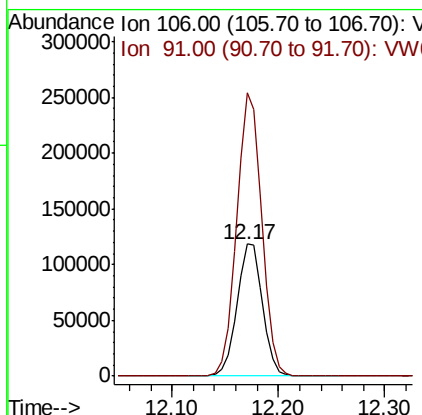
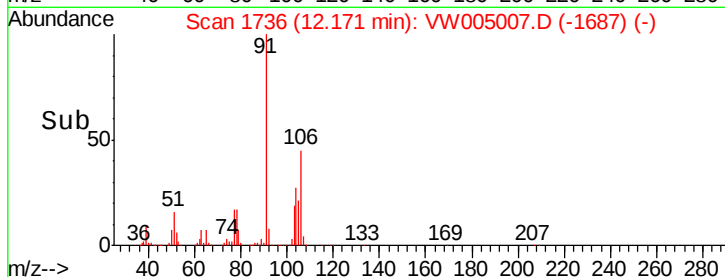
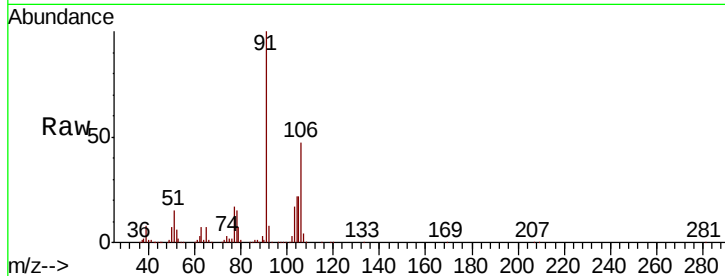




#69
o-Xylene
Concen: 20.855 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW005007.D
Acq: 29 Aug 2018 16:54

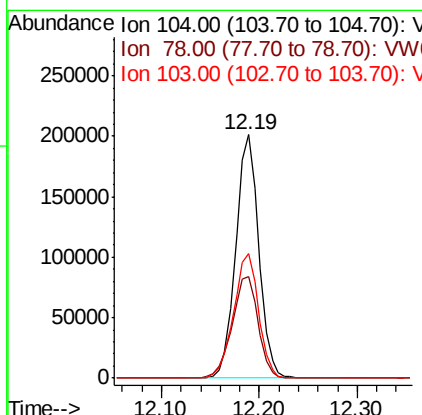
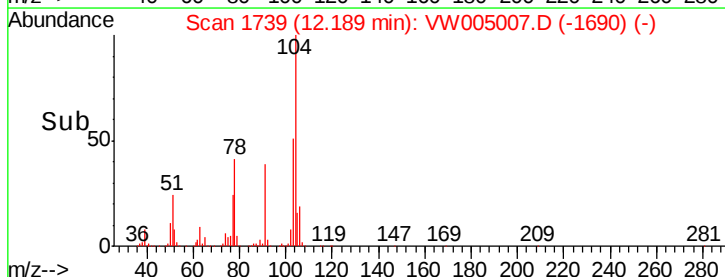
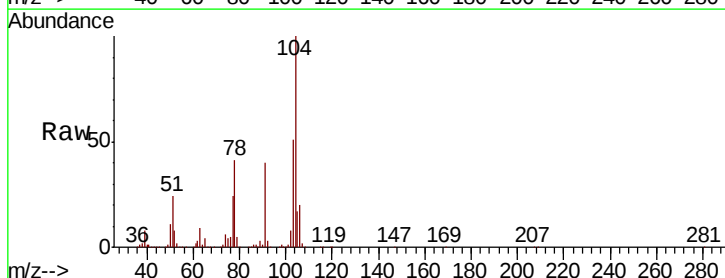
Instrument :
MSVOA_W
ClientSampleId :
VW0829SBSD01

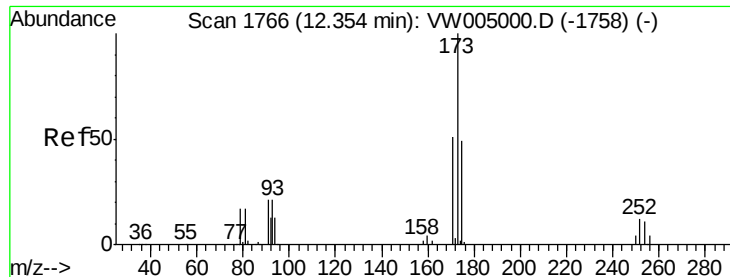
Tgt Ion:106 Resp: 199075
Ion Ratio Lower Upper
106 100
91 211.0 104.4 313.1



#70
Styrene
Concen: 20.727 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW005007.D
Acq: 29 Aug 2018 16:54

Tgt Ion:104 Resp: 328218
Ion Ratio Lower Upper
104 100
78 47.0 37.6 56.4
103 55.6 43.9 65.9

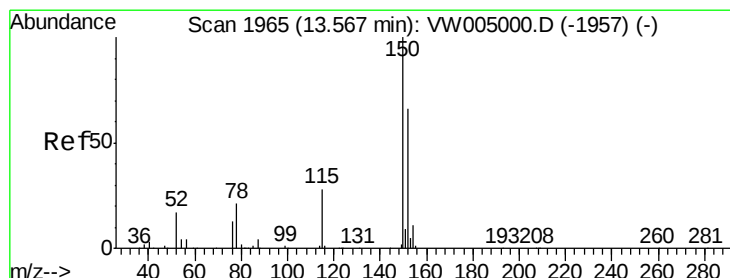
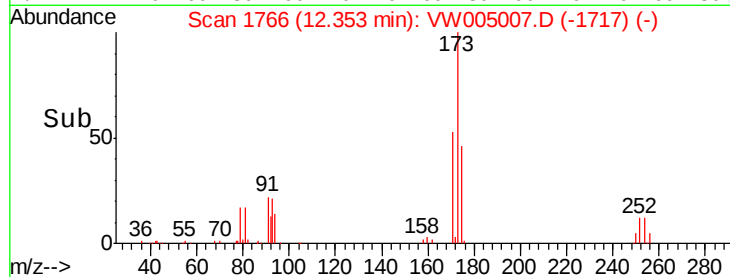
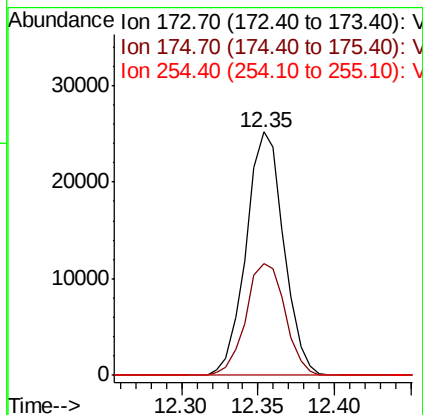
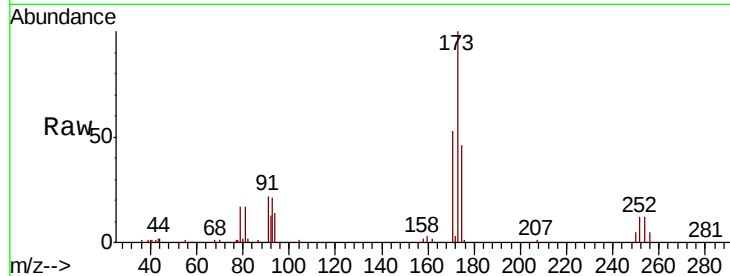




#71
Bromoform
Concen: 18.897 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. -0.00 min
Lab File: VW005007.D
Acq: 29 Aug 2018 16:54

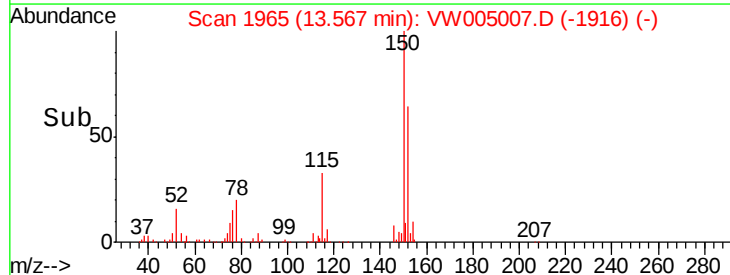
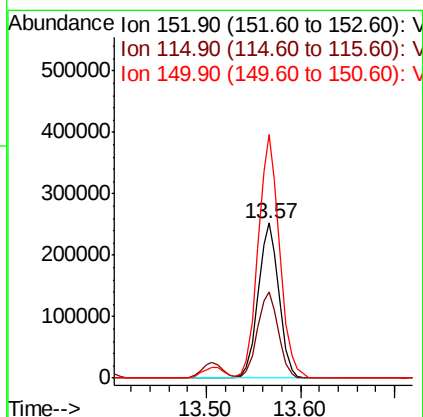
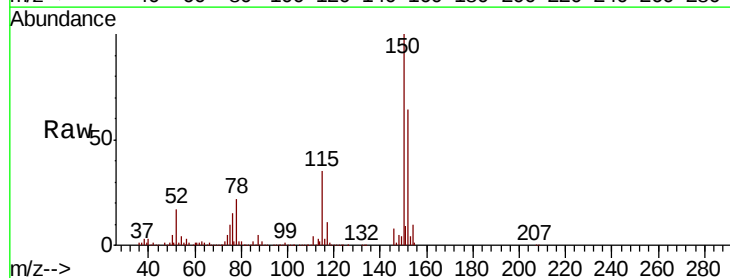
Instrument :
MSVOA_W
ClientSampleId :
VW0829SBSD01

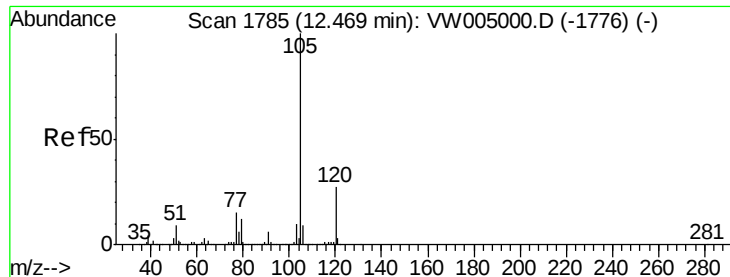
Tgt Ion:173 Resp: 43169
Ion Ratio Lower Upper
173 100
175 47.8 24.3 73.0
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW005007.D
Acq: 29 Aug 2018 16:54

Tgt Ion:152 Resp: 389779
Ion Ratio Lower Upper
152 100
115 56.4 28.0 83.9
150 162.9 0.0 347.2





#73

Isopropylbenzene

Concen: 20.500 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW005007.D

Acq: 29 Aug 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

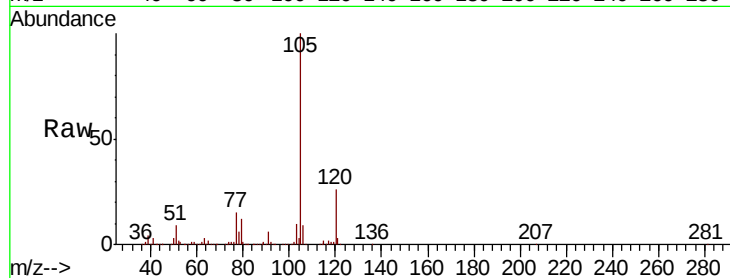
VW0829SBSD01

Tgt Ion: 105 Resp: 532653

Ion Ratio Lower Upper

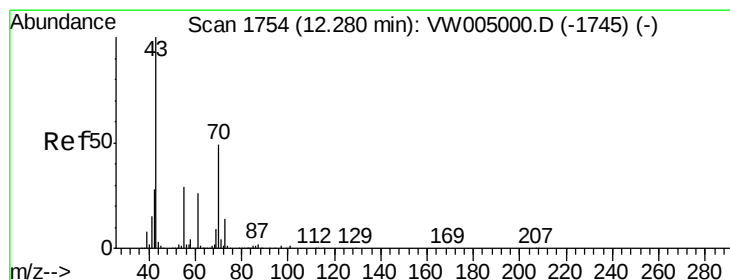
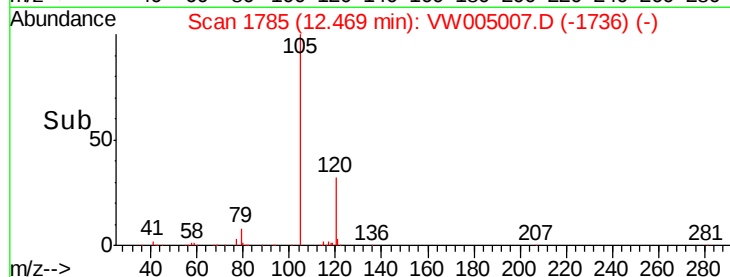
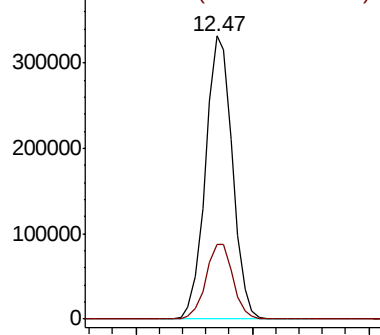
105 100

120 26.7 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.746 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW005007.D

Acq: 29 Aug 2018 16:54

Tgt Ion: 43 Resp: 101723

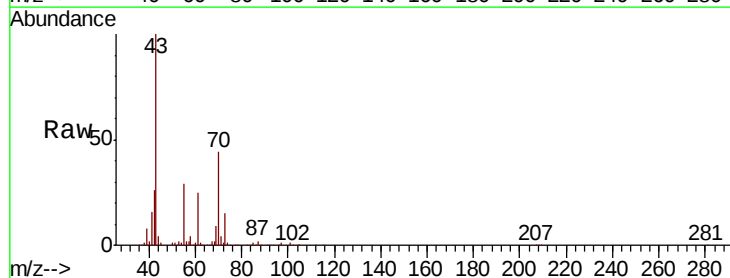
Ion Ratio Lower Upper

43 100

70 46.0 38.6 57.8

55 28.7 23.6 35.4

61 25.8 21.0 31.6

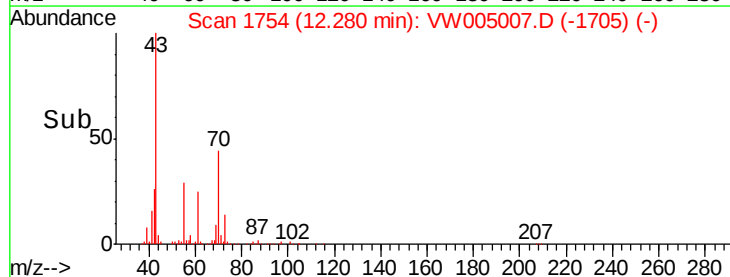
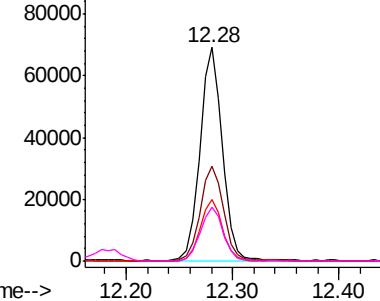


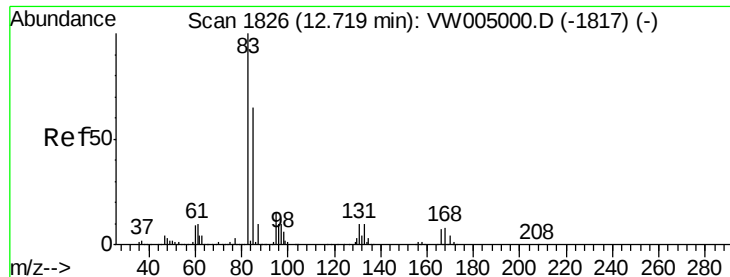
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 19.704 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW005007.D

Acq: 29 Aug 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBSD01

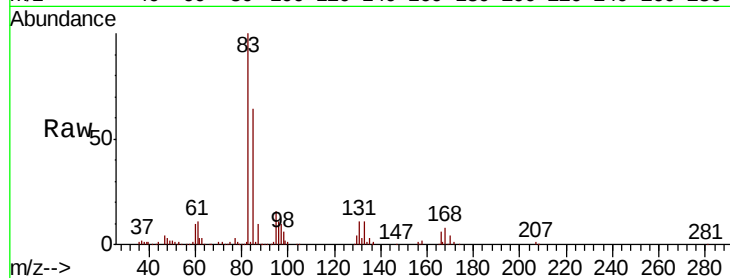
Tgt Ion: 83 Resp: 77517

Ion Ratio Lower Upper

83 100

131 10.6 5.5 16.5

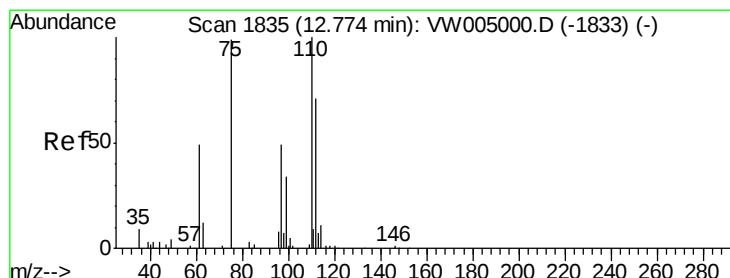
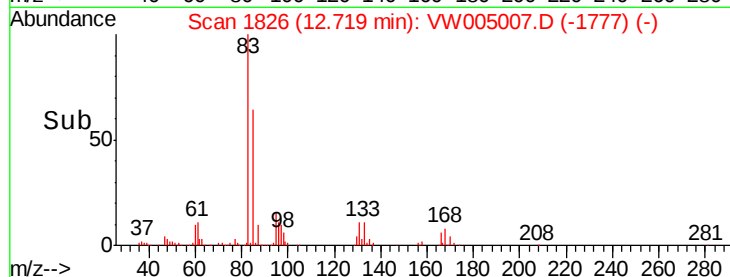
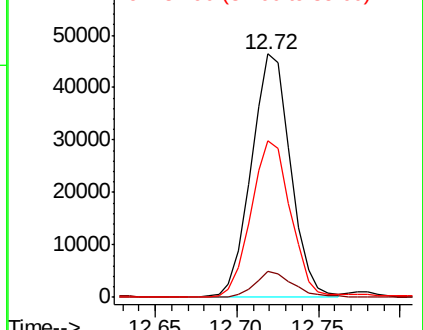
85 64.7 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 38.170 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW005007.D

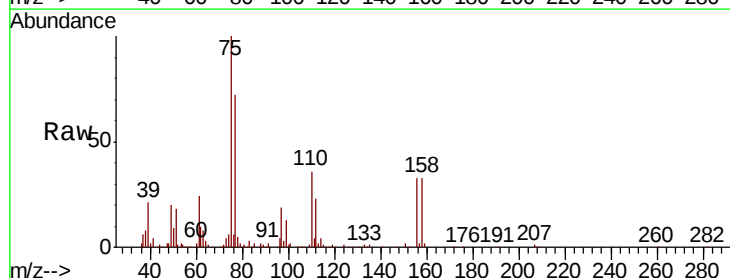
Acq: 29 Aug 2018 16:54

Tgt Ion: 75 Resp: 105374

Ion Ratio Lower Upper

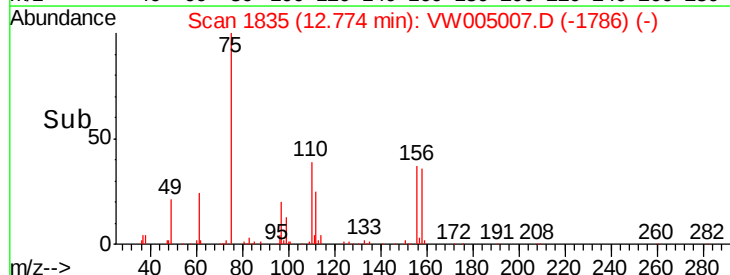
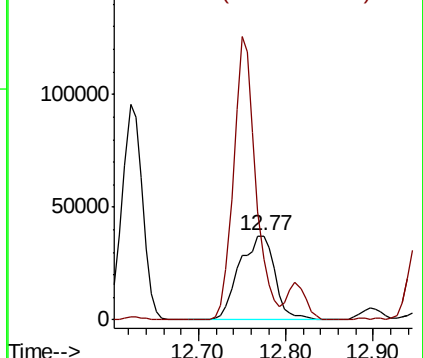
75 100

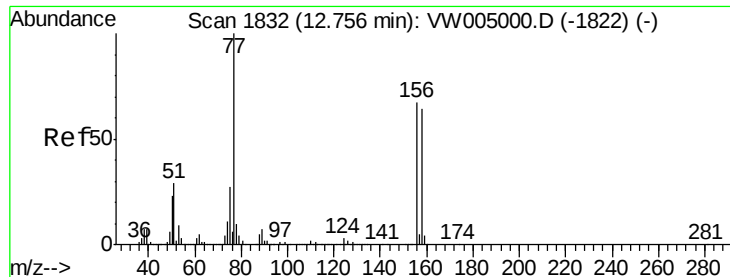
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.403 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VW005007.D

Acq: 29 Aug 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBS01

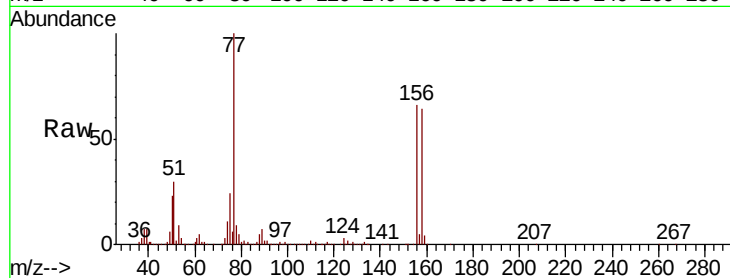
Tgt Ion:156 Resp: 130074

Ion Ratio Lower Upper

156 100

77 171.5 86.9 260.6

158 97.7 48.6 145.9



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

150000

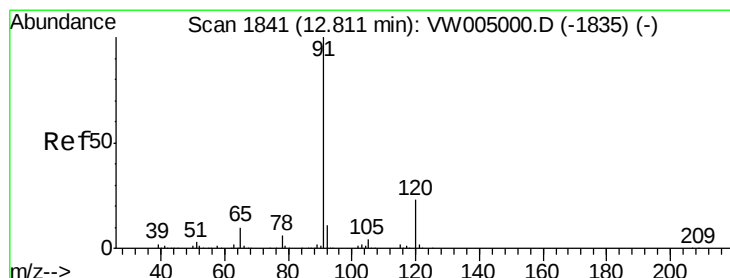
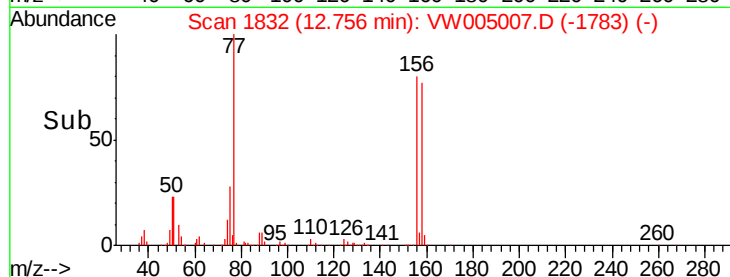
100000

50000

0

12.70 12.75 12.80

Time-->



#78

n-propylbenzene

Concen: 20.930 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW005007.D

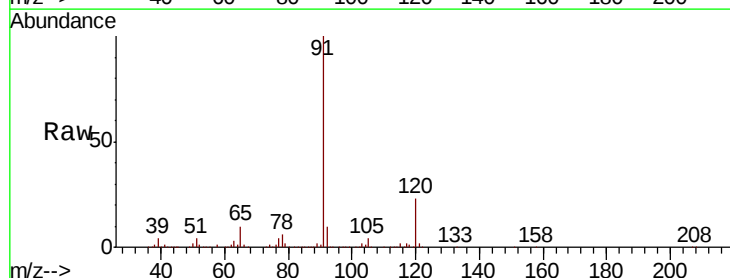
Acq: 29 Aug 2018 16:54

Tgt Ion: 91 Resp: 670801

Ion Ratio Lower Upper

91 100

120 23.1 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

500000

400000

300000

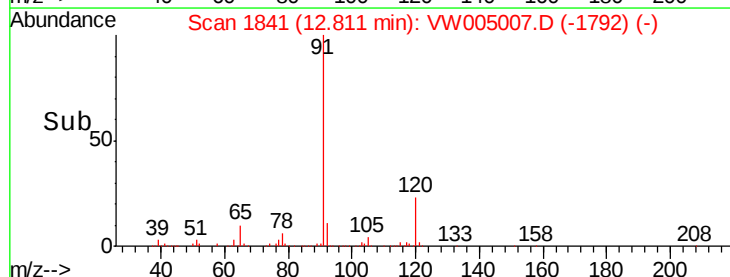
200000

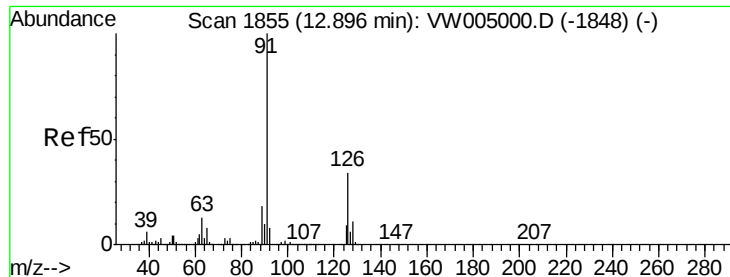
100000

0

12.75 12.80 12.85

Time-->

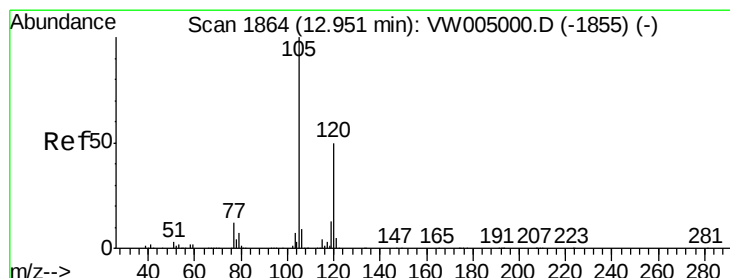
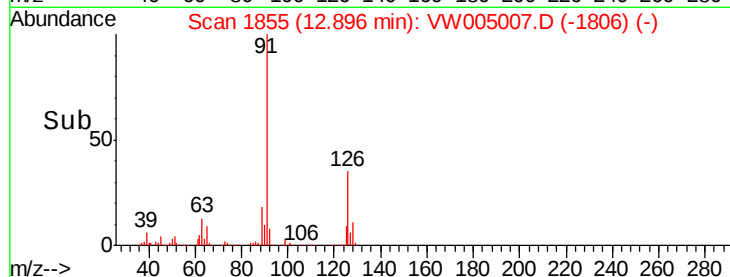
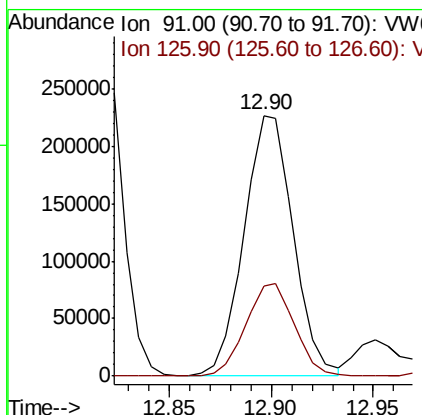
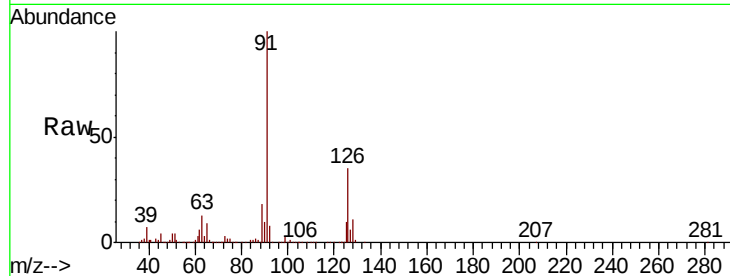




#79
 2-Chlorotoluene
 Concen: 20.498 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005007.D
 Acq: 29 Aug 2018 16:54

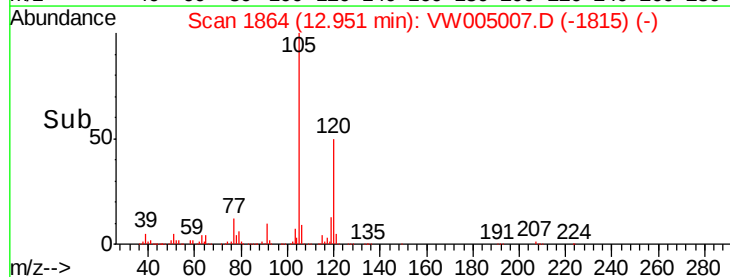
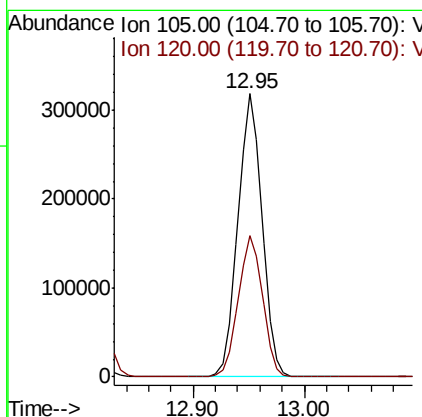
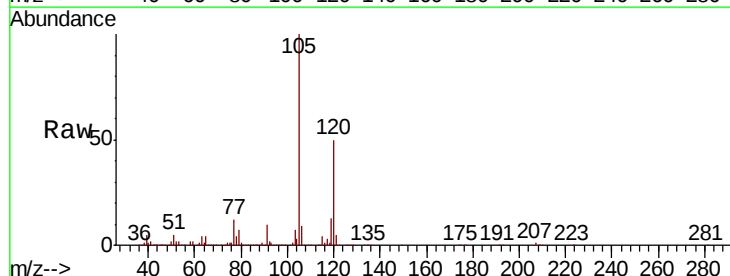
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBS01

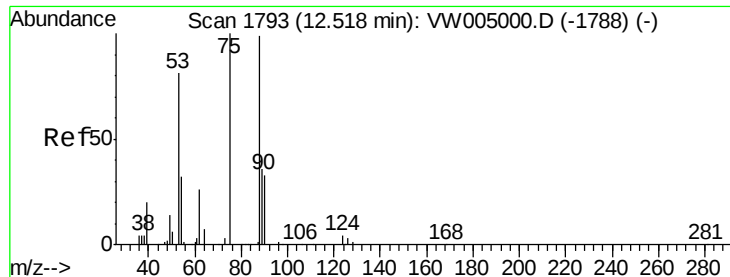
Tgt Ion: 91 Resp: 379450
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.784 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VW005007.D
 Acq: 29 Aug 2018 16:54

Tgt Ion: 105 Resp: 477140
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 18.959 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW005007.D

Acq: 29 Aug 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBSD01

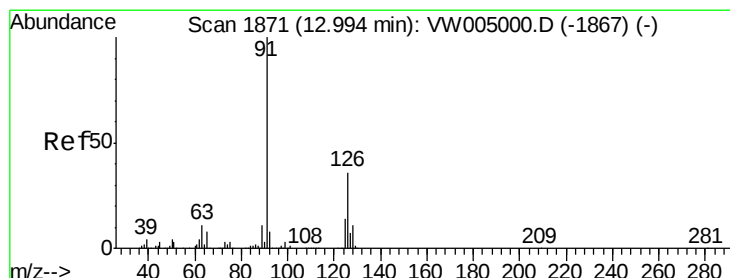
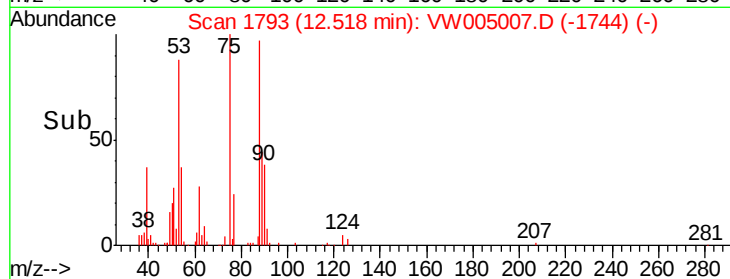
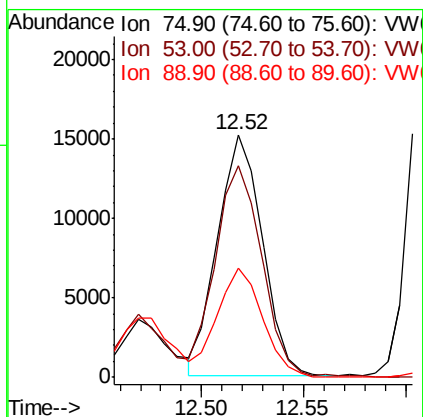
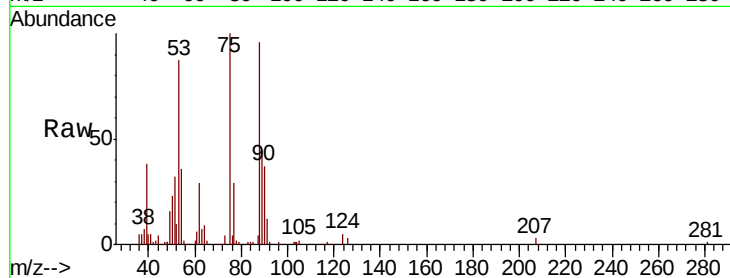
Tgt Ion: 75 Resp: 23158

Ion Ratio Lower Upper

75 100

53 91.5 67.4 101.2

89 46.0 35.0 52.6



#82

4-Chlorotoluene

Concen: 20.763 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VW005007.D

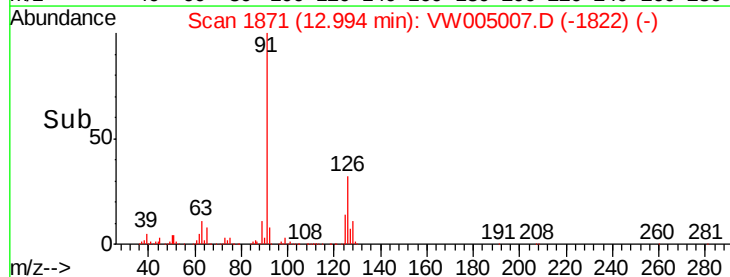
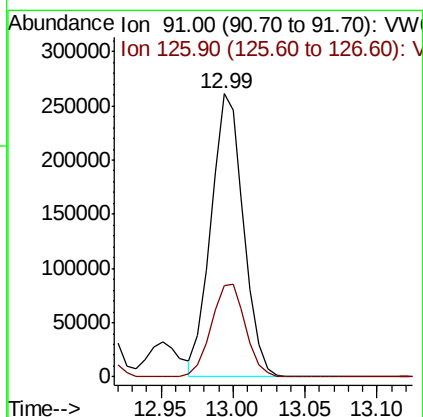
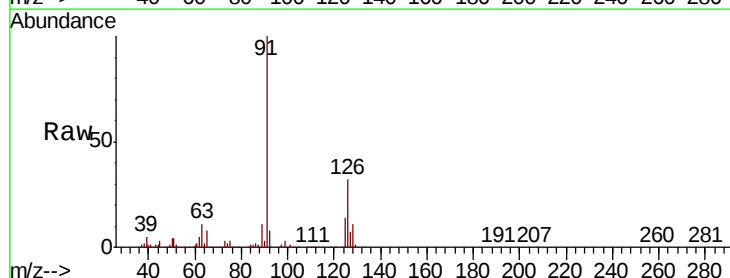
Acq: 29 Aug 2018 16:54

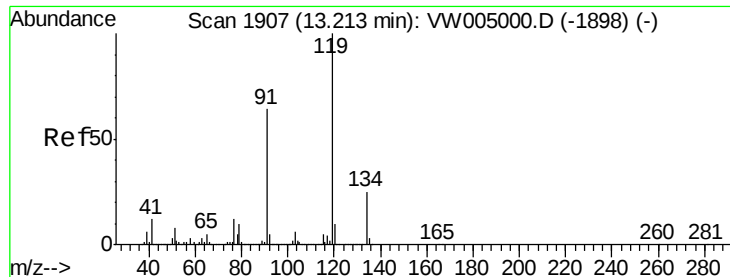
Tgt Ion: 91 Resp: 409511

Ion Ratio Lower Upper

91 100

126 34.5 17.5 52.5

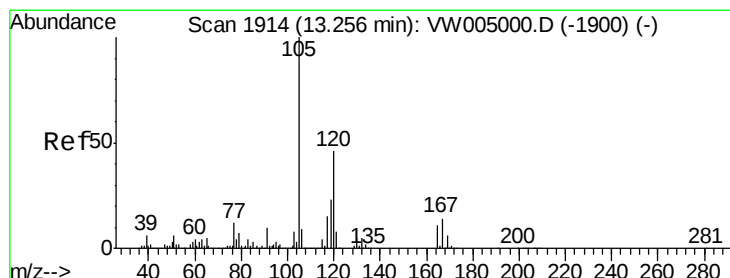
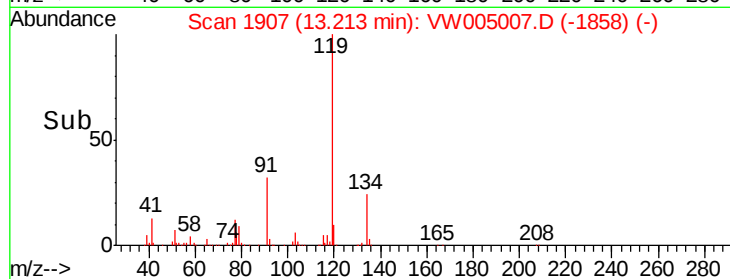
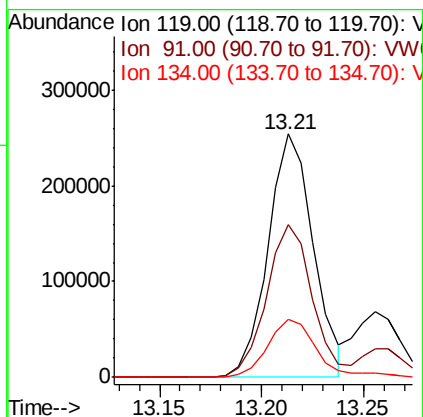
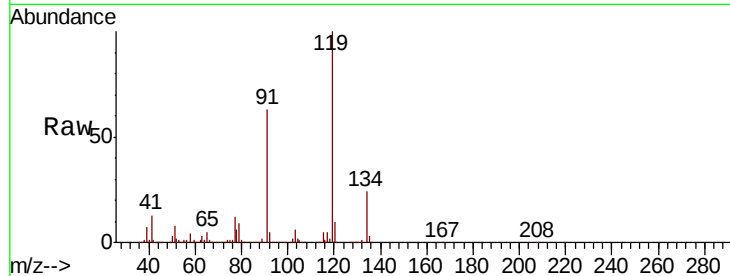




#83
tert-Butylbenzene
Concen: 20.347 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW005007.D
Acq: 29 Aug 2018 16:54

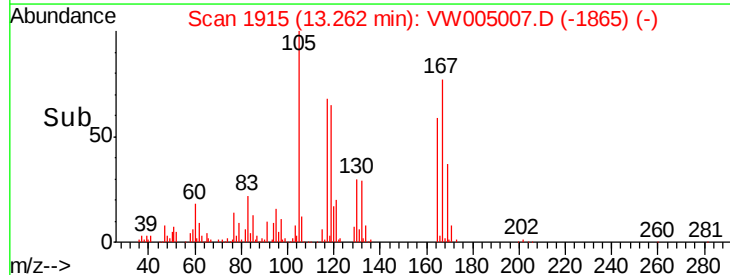
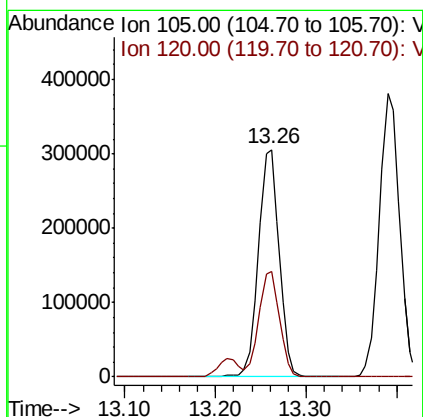
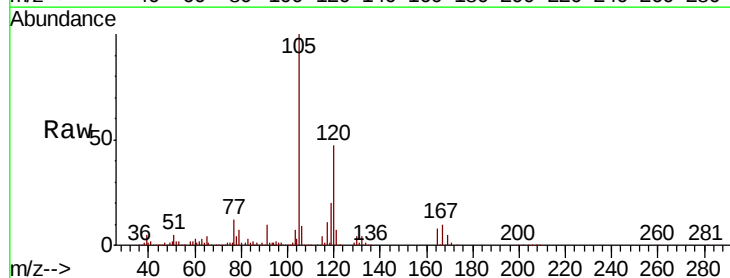
Instrument :
MSVOA_W
ClientSampleId :
VW0829SBSD01

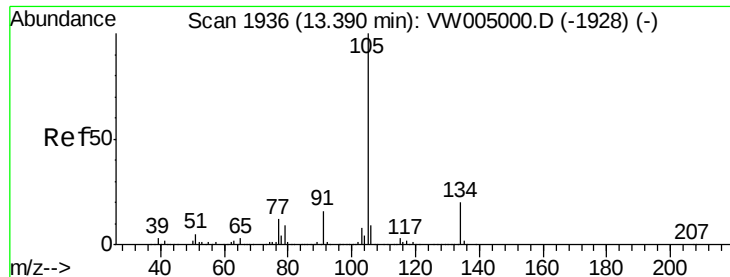
Tgt Ion:119 Resp: 392314
Ion Ratio Lower Upper
119 100
91 64.0 31.9 95.5
134 26.2 13.2 39.5



#84
1,2,4-Trimethylbenzene
Concen: 20.800 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.01 min
Lab File: VW005007.D
Acq: 29 Aug 2018 16:54

Tgt Ion:105 Resp: 484484
Ion Ratio Lower Upper
105 100
120 46.2 22.9 68.7

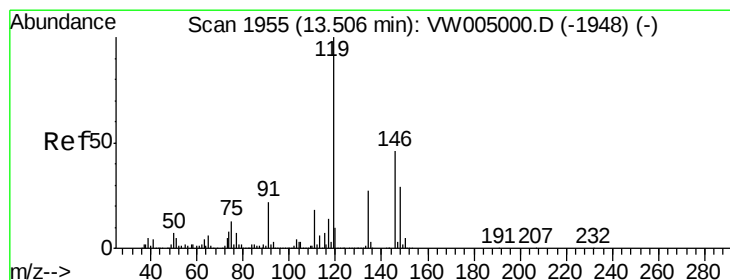
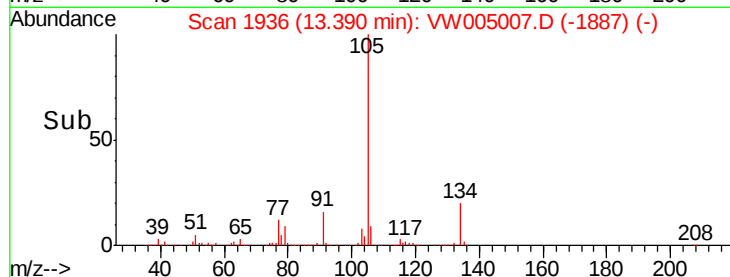
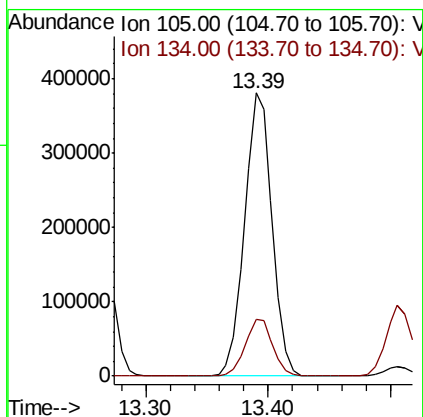
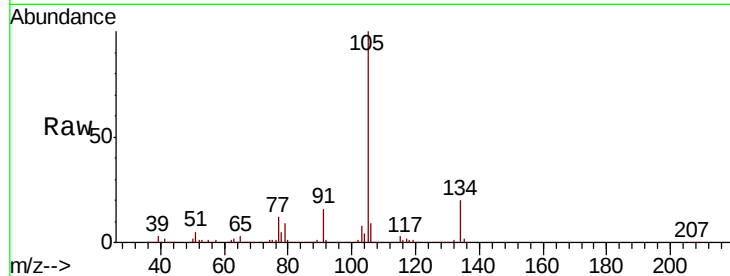




#85
 sec-Butylbenzene
 Concen: 20.895 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW005007.D
 Acq: 29 Aug 2018 16:54

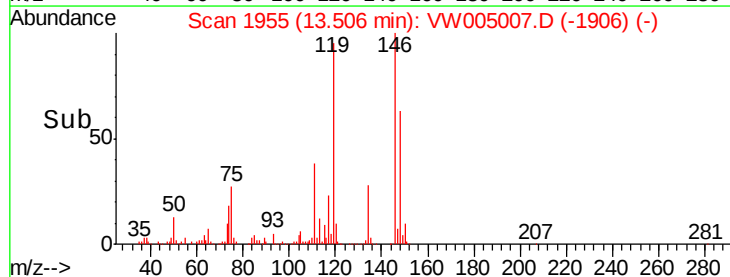
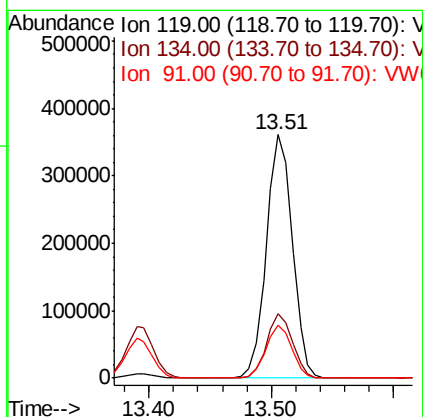
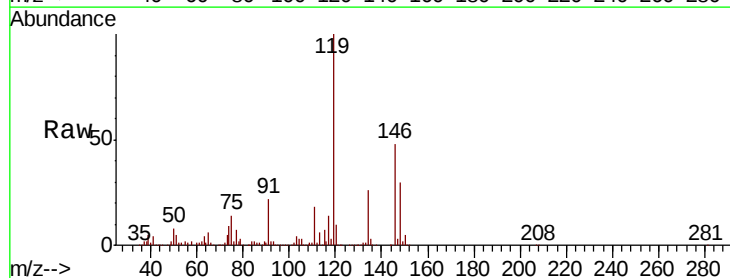
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBSD01

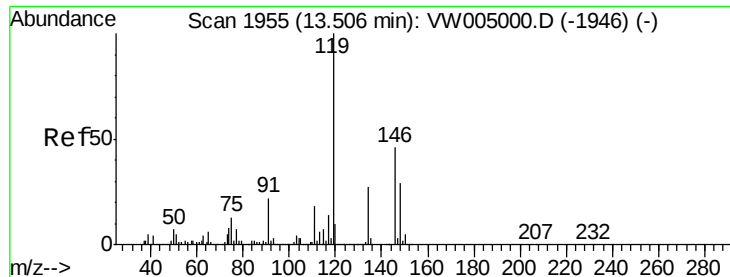
Tgt Ion:105 Resp: 591413
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 21.046 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW005007.D
 Acq: 29 Aug 2018 16:54

Tgt Ion:119 Resp: 533675
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.3
 91 21.9 10.9 32.9

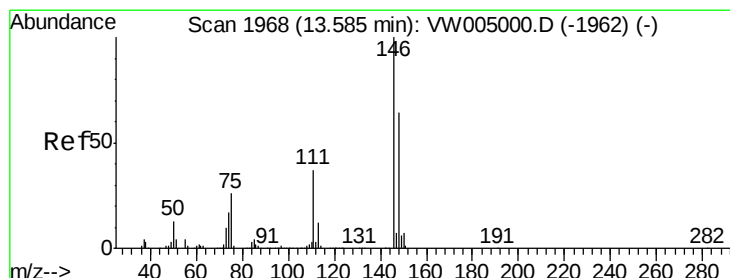
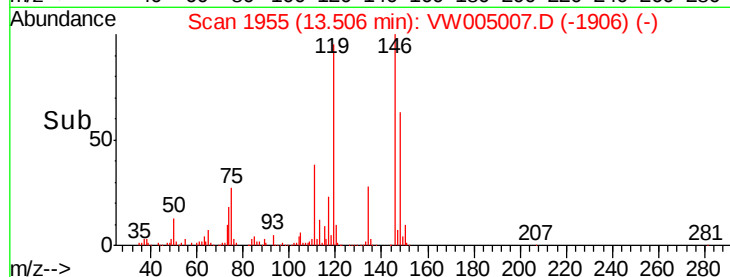
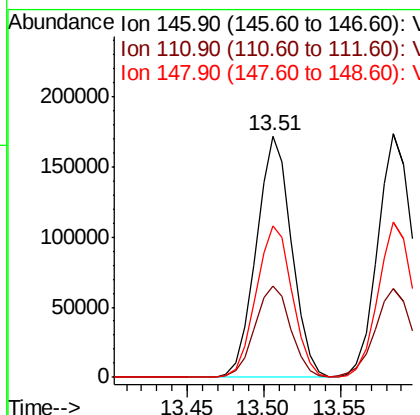
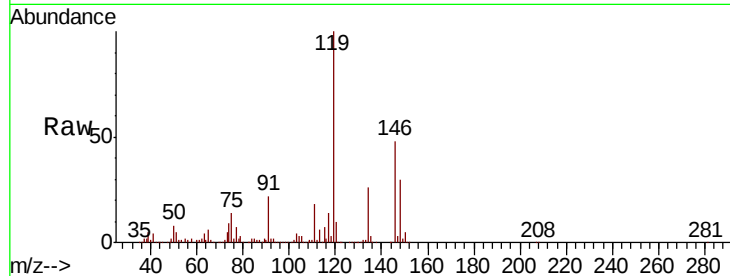




#87
 1,3-Dichlorobenzene
 Concen: 20.448 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW005007.D
 Acq: 29 Aug 2018 16:54

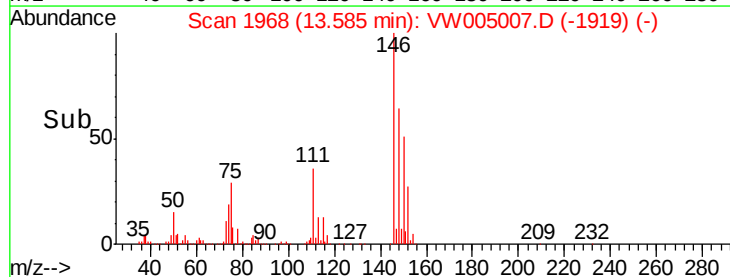
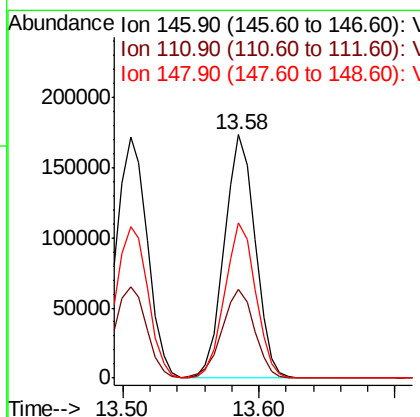
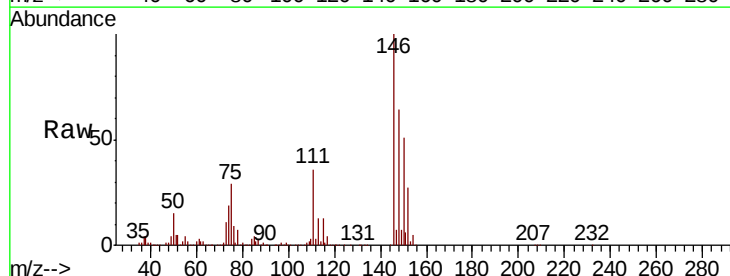
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBSD01

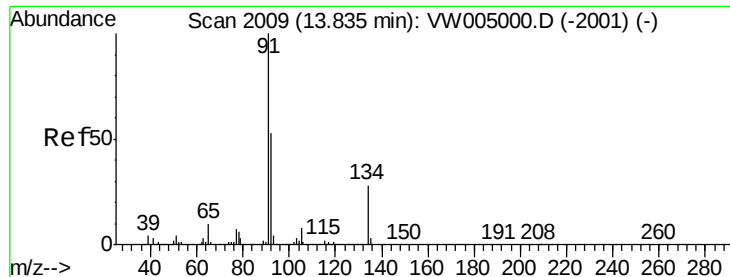
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.3	57.8
148	64.1	31.6	94.7



#88
 1,4-Dichlorobenzene
 Concen: 20.417 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW005007.D
 Acq: 29 Aug 2018 16:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.7	56.1
148	64.0	31.7	95.1





#89

n-Butylbenzene

Concen: 20.635 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. -0.00 min

Lab File: VW005007.D

Acq: 29 Aug 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBS01

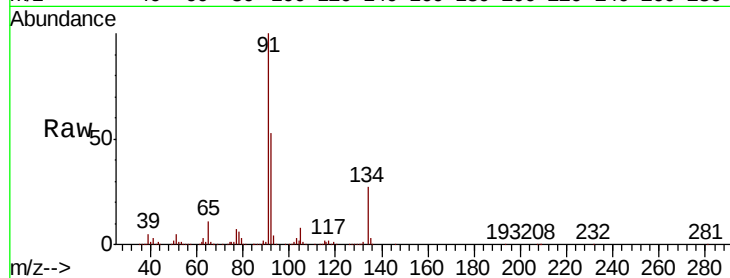
Tgt Ion: 91 Resp: 491204

Ion Ratio Lower Upper

91 100

92 52.9 26.5 79.4

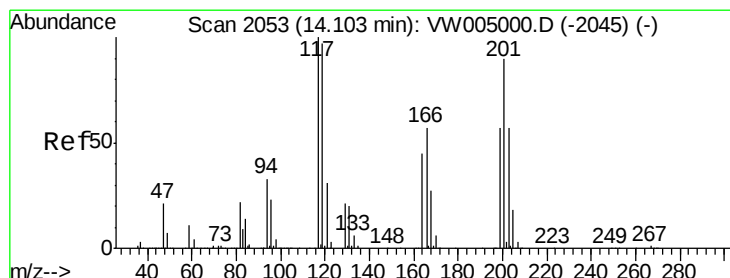
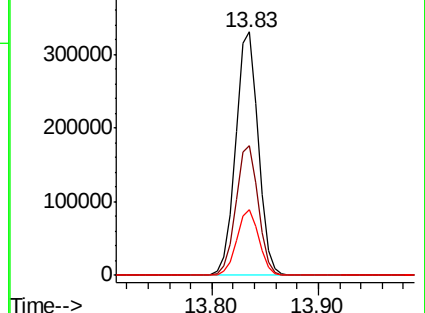
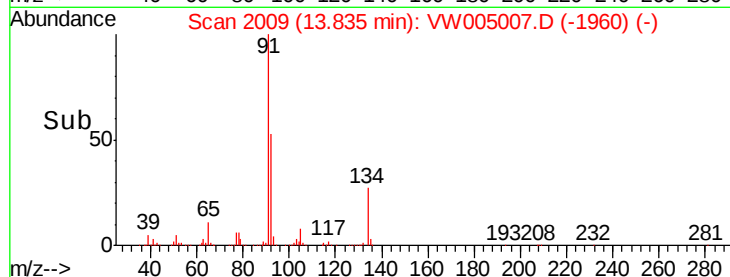
134 26.7 13.4 40.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.626 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. -0.00 min

Lab File: VW005007.D

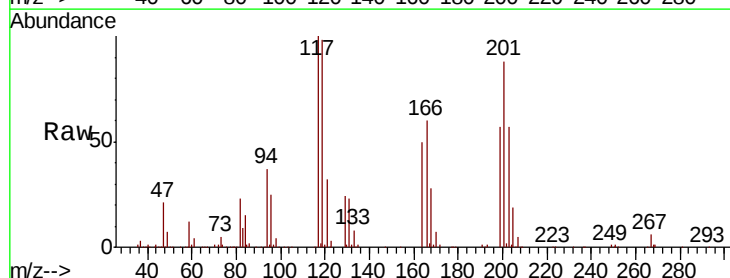
Acq: 29 Aug 2018 16:54

Tgt Ion: 117 Resp: 74244

Ion Ratio Lower Upper

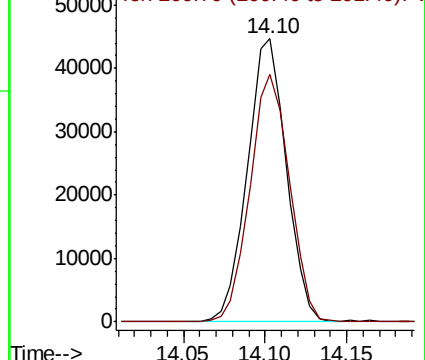
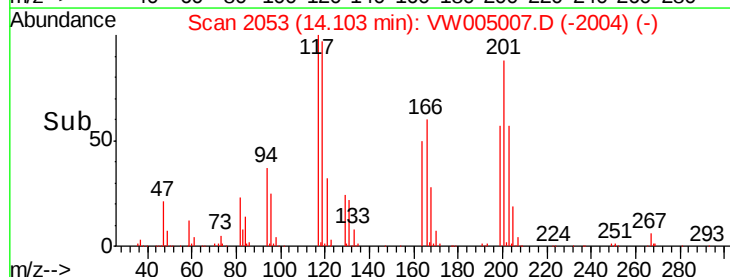
117 100

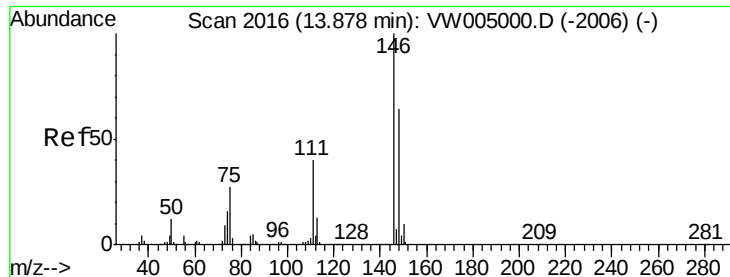
201 89.0 44.3 132.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 20.633 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. -0.00 min

Lab File: VW005007.D

Acq: 29 Aug 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBSD01

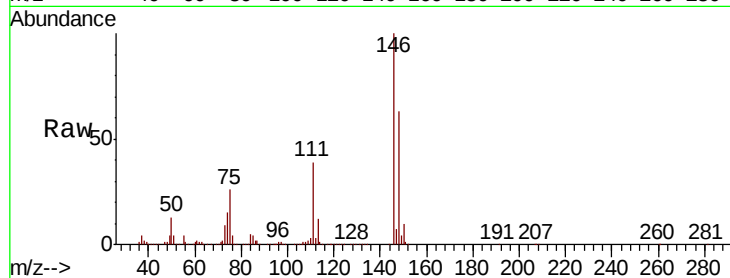
Tgt Ion: 146 Resp: 245471

Ion Ratio Lower Upper

146 100

111 40.2 19.9 59.7

148 64.0 31.9 95.7

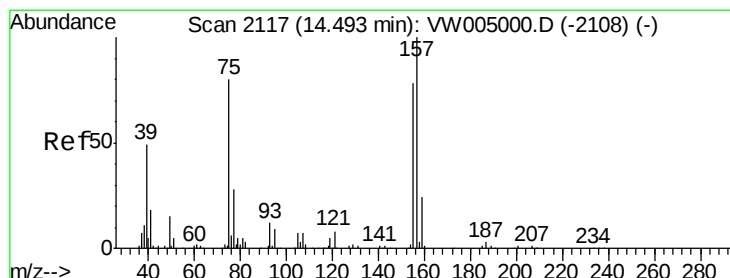
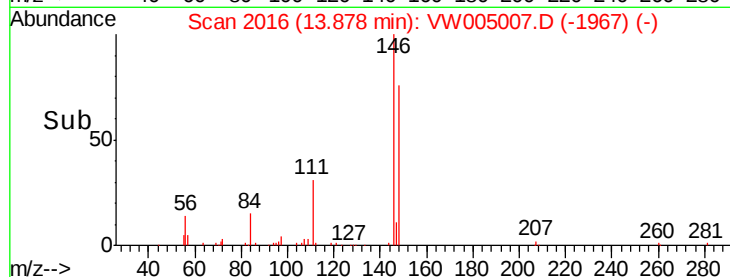
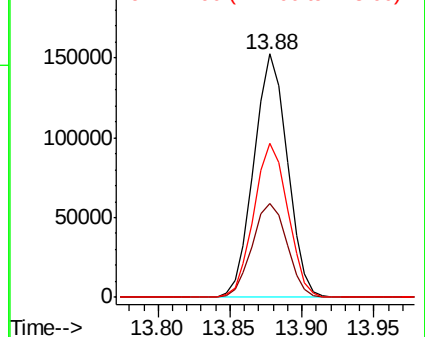


Abundance

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



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.590 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VW005007.D

Acq: 29 Aug 2018 16:54

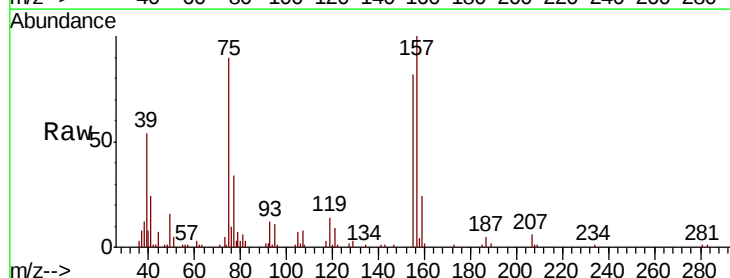
Tgt Ion: 75 Resp: 13990

Ion Ratio Lower Upper

75 100

155 91.1 46.1 138.2

157 114.5 58.7 176.1

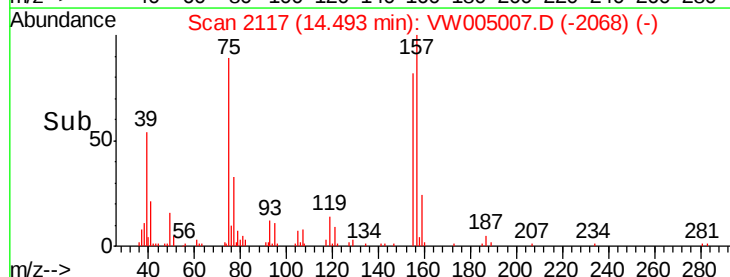
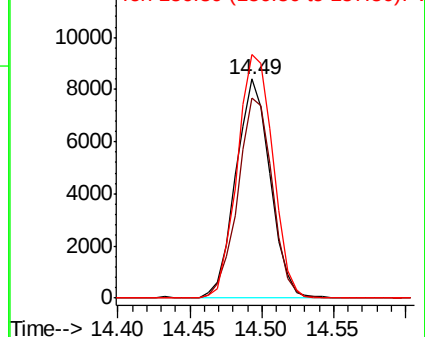


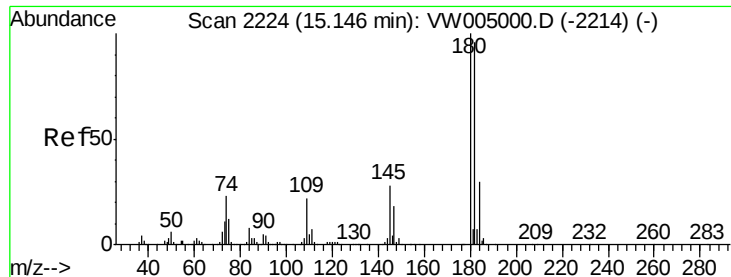
Abundance

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

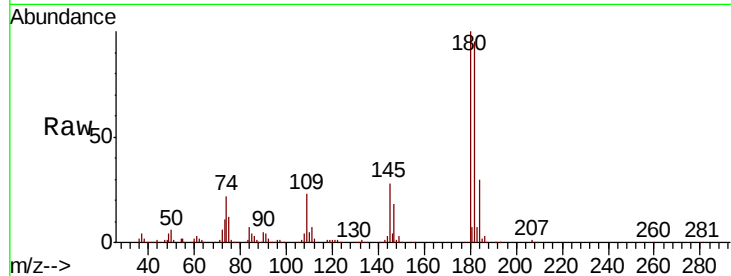




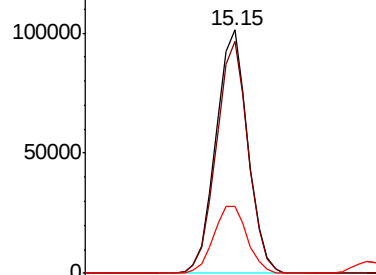
#93
 1,2,4-Trichlorobenzene
 Concen: 19.972 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW005007.D
 Acq: 29 Aug 2018 16:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBS01

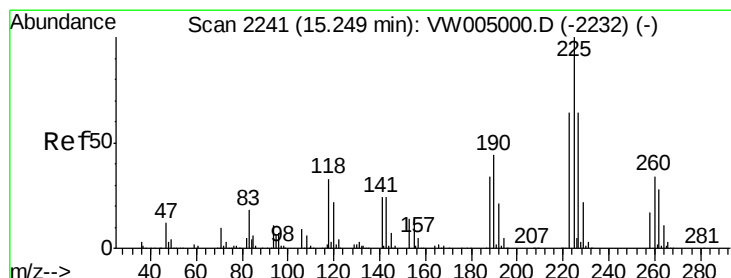
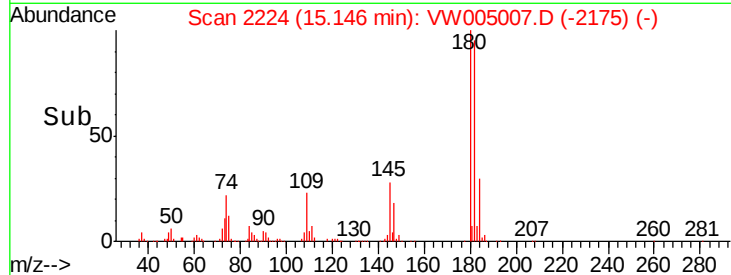
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.6	142.8
145	29.1	14.3	42.9



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

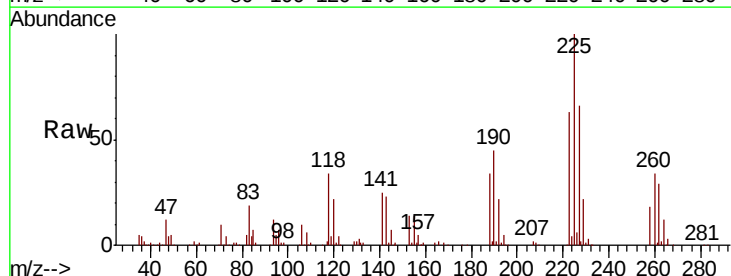


Time-->

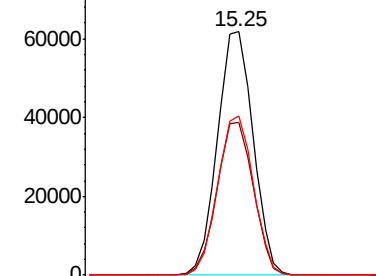


#94
 Hexachlorobutadiene
 Concen: 20.304 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: VW005007.D
 Acq: 29 Aug 2018 16:54

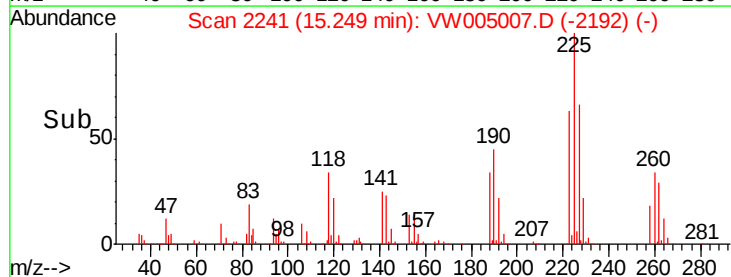
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	32.0	96.0
227	65.4	31.9	95.7

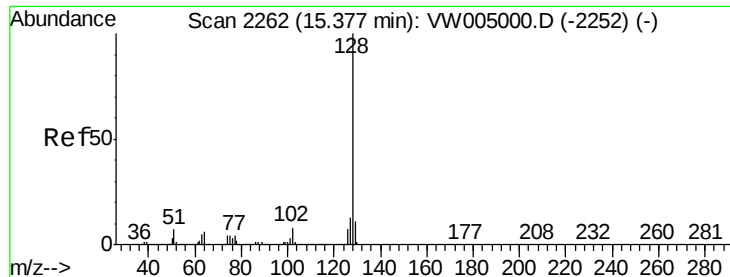


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->

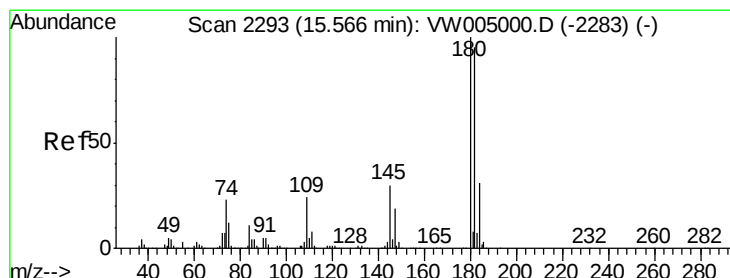
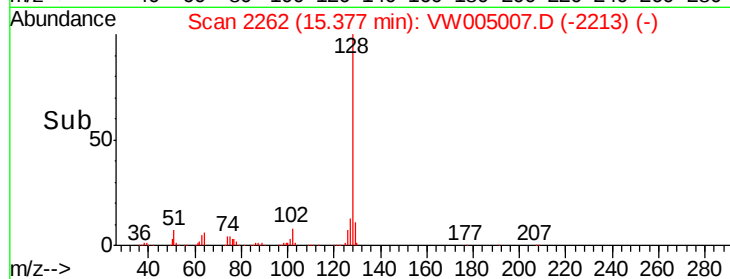
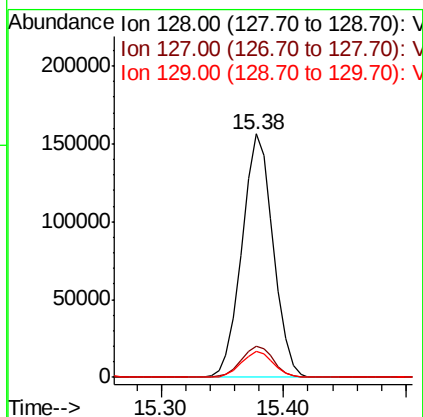
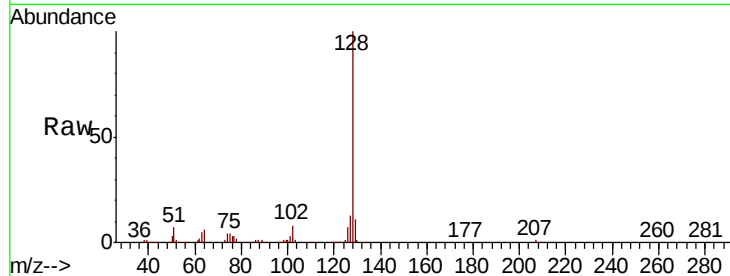




#95
Naphthalene
Concen: 20.533 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW005007.D
Acq: 29 Aug 2018 16:54

Instrument :
MSVOA_W
ClientSampleId :
VW0829SBSD01

Tgt Ion:128 Resp: 276966
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.301 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW005007.D
Acq: 29 Aug 2018 16:54

Tgt Ion:180 Resp: 149473
Ion Ratio Lower Upper
180 100
182 95.4 47.6 142.8
145 30.6 15.1 45.3

