

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090618\
 Data File : VW005156.D
 Acq On : 06 Sep 2018 12:00
 Operator : SY/AP
 Sample : VW0906SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS01

Quant Time: Sep 06 13:54:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	559584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	793648	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	780816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	425463	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	224798	48.46	ug/l	0.00
Spiked Amount			Recovery	=	96.92%	
35) Dibromofluoromethane	7.89	113	219089	47.77	ug/l	0.00
Spiked Amount			Recovery	=	95.54%	
50) Toluene-d8	10.33	98	1055197	49.93	ug/l	0.00
Spiked Amount			Recovery	=	99.86%	
62) 4-Bromofluorobenzene	12.62	95	386934	51.93	ug/l	0.00
Spiked Amount			Recovery	=	103.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	105126	23.313	ug/l	100
3) Chloromethane	2.21	50	152266	23.269	ug/l	98
4) Vinyl Chloride	2.35	62	147247	23.140	ug/l	98
5) Bromomethane	2.76	94	85470	19.008	ug/l	97
6) Chloroethane	2.91	64	83340	21.041	ug/l	100
7) Trichlorofluoromethane	3.26	101	161534	22.566	ug/l	97
8) Diethyl Ether	3.69	74	54515	21.049	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	4.06	101	109767	22.325	ug/l	98
10) Methyl Iodide	4.27	142	87065	14.763	ug/l	99
11) Tert butyl alcohol	5.20	59	40197	152.348	ug/l	96
12) 1,1-Dichloroethene	4.04	96	97454	21.537	ug/l	97
13) Acrolein	3.90	56	32548	108.102	ug/l	99
14) Allyl chloride	4.67	41	153477	21.698	ug/l	98
15) Acrylonitrile	5.38	53	121836	111.528	ug/l	99
16) Acetone	4.14	43	112688	121.133	ug/l	94
17) Carbon Disulfide	4.38	76	350866	22.253	ug/l	98
18) Methyl Acetate	4.68	43	54654	19.971	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	244013	22.208	ug/l	100
20) Methylene Chloride	4.92	84	166064	24.434	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	114522	20.773	ug/l	97
22) Diisopropyl ether	6.32	45	331103	22.246	ug/l	98
23) Vinyl Acetate	6.26	43	929752	118.924	ug/l	99
24) 1,1-Dichloroethane	6.22	63	195997	21.067	ug/l	99
25) 2-Butanone	7.18	43	184968	114.633	ug/l	96
26) 2,2-Dichloropropane	7.17	77	173051	22.635	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	122745	20.353	ug/l	96
28) Bromochloromethane	7.52	49	77202	20.617	ug/l	97
29) Tetrahydrofuran	7.54	42	93709	113.661	ug/l	97
30) Chloroform	7.68	83	193521	20.381	ug/l	95
31) Cyclohexane	7.96	56	208757	22.914	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	173404	20.968	ug/l	99
36) 1,1-Dichloropropene	8.09	75	171201	22.650	ug/l	99
37) Ethyl Acetate	7.26	43	70563	24.962	ug/l	98
38) Carbon Tetrachloride	8.07	117	154366	21.478	ug/l	98

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 Sample : VW0906SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VW0906SBS01

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	205422	22.472	ug/l	98
40) Benzene	8.33	78	491514	21.241	ug/l	97
41) Methacrylonitrile	7.49	41	39358	24.030	ug/l	98
42) 1,2-Dichloroethane	8.40	62	120363	21.254	ug/l	99
43) Isopropyl Acetate	8.43	43	122980	23.908	ug/l	99
44) Trichloroethene	9.10	130	132215	21.177	ug/l	100
45) 1,2-Dichloropropane	9.37	63	123492	21.846	ug/l	100
46) Dibromomethane	9.46	93	56444	20.881	ug/l	97
47) Bromodichloromethane	9.65	83	141804	20.835	ug/l	97
48) Methyl methacrylate	9.44	41	56117	22.657	ug/l	95
49) 1,4-Dioxane	9.47	88	19337	442.366	ug/l #	86
51) 4-Methyl-2-Pentanone	10.21	43	413580	119.969	ug/l	100
52) Toluene	10.39	92	335154	21.376	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	146761	21.944	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	181659	22.335	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	90713	21.675	ug/l	95
56) Ethyl methacrylate	10.65	69	108379	22.699	ug/l	98
57) 1,3-Dichloropropane	10.94	76	151711	22.019	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	254733	112.590	ug/l	98
59) 2-Hexanone	10.98	43	293103	125.705	ug/l	99
60) Dibromochloromethane	11.13	129	98392	20.796	ug/l	100
61) 1,2-Dibromoethane	11.24	107	80757	21.373	ug/l	98
64) Tetrachloroethene	10.87	164	119953	19.580	ug/l	98
65) Chlorobenzene	11.66	112	363901	20.702	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	110856	20.637	ug/l	100
67) Ethyl Benzene	11.74	91	635660	21.391	ug/l	100
68) m/p-Xylenes	11.85	106	516848	43.439	ug/l	99
69) o-Xylene	12.17	106	235276	21.387	ug/l	100
70) Styrene	12.19	104	394027	21.684	ug/l	100
71) Bromoform	12.35	173	58484	20.542	ug/l	99
73) Isopropylbenzene	12.47	105	641797	21.393	ug/l	100
74) N-amyl acetate	12.28	43	121926	23.604	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	100922	22.098	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	131367	41.134	ug/l #	100
77) Bromobenzene	12.76	156	149259	20.192	ug/l	95
78) n-propylbenzene	12.81	91	795902	21.977	ug/l	99
79) 2-Chlorotoluene	12.90	91	449367	21.268	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	554733	21.383	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	29907	22.540	ug/l	98
82) 4-Chlorotoluene	12.99	91	476032	21.336	ug/l	99
83) tert-Butylbenzene	13.21	119	462322	21.339	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	562473	21.289	ug/l	99
85) sec-Butylbenzene	13.39	105	688324	21.619	ug/l	100
86) p-Isopropyltoluene	13.51	119	613346	21.762	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	310562	20.453	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	306221	20.330	ug/l	98
89) n-Butylbenzene	13.83	91	572952	21.935	ug/l	99
90) Hexachloroethane	14.10	117	95938	20.493	ug/l	95
91) 1,2-Dichlorobenzene	13.88	146	277325	20.955	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15627	21.897	ug/l	94

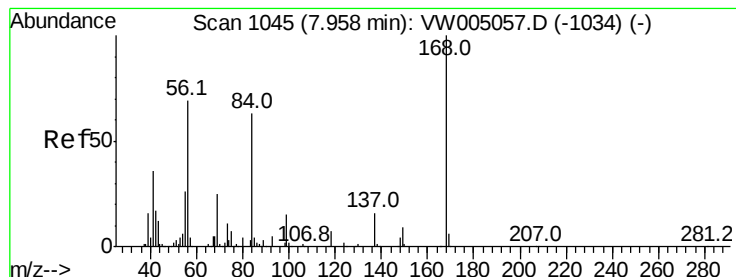
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090618\
Data File : VW005156.D
Acq On : 06 Sep 2018 12:00
Operator : SY/AP
Sample : VW0906SBS01
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	185377	20.890	ug/l	99
94) Hexachlorobutadiene	15.25	225	118016	21.383	ug/l	100
95) Naphthalene	15.38	128	297430	21.825	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	162275	21.368	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Instrument :

MSVOA_W

ClientSampleId :

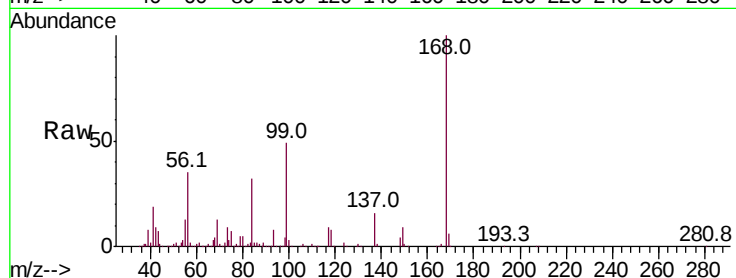
VW0906SBS01

Tot Ion:168 Resp: 559584

Ion Ratio Lower Upper

168 100

99 48.9 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

250000

200000

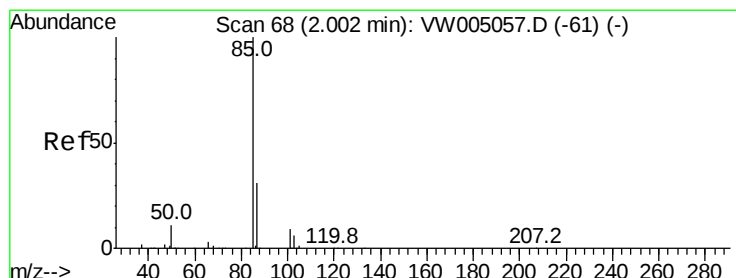
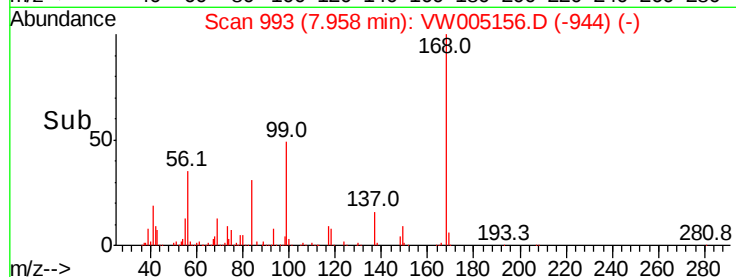
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 23.313 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW005156.D

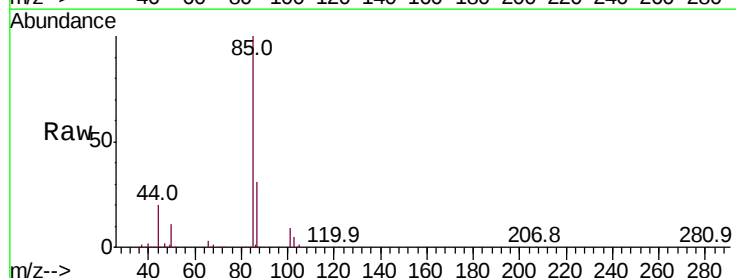
Acq: 06 Sep 2018 12:00

Tgt Ion: 85 Resp: 105126

Ion Ratio Lower Upper

85 100

87 31.4 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

80000

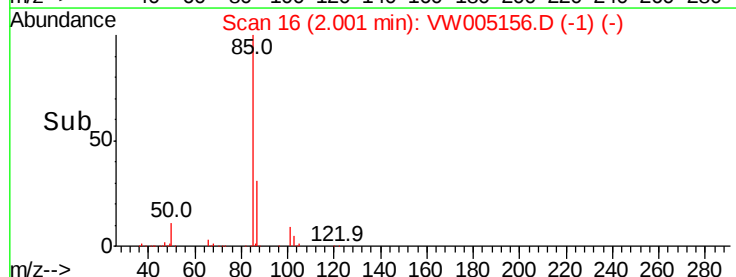
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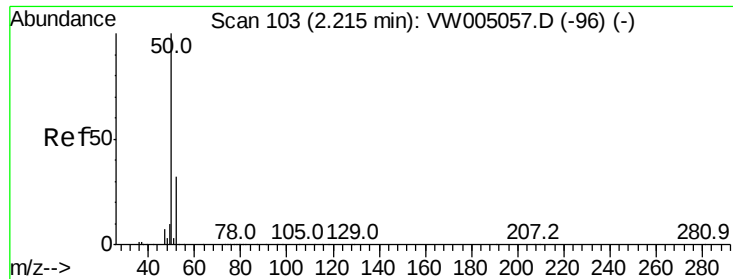
40000

20000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 23.269 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Instrument :

MSVOA_W

ClientSampleId :

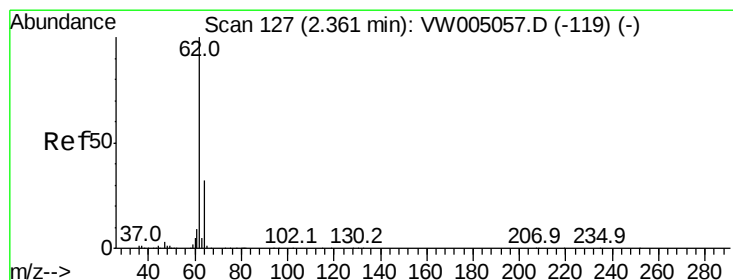
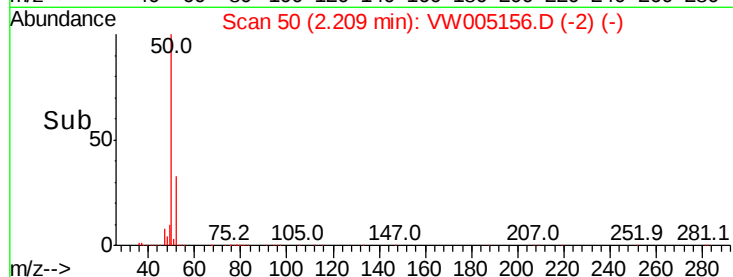
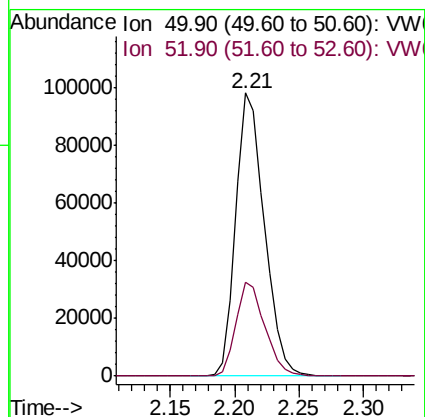
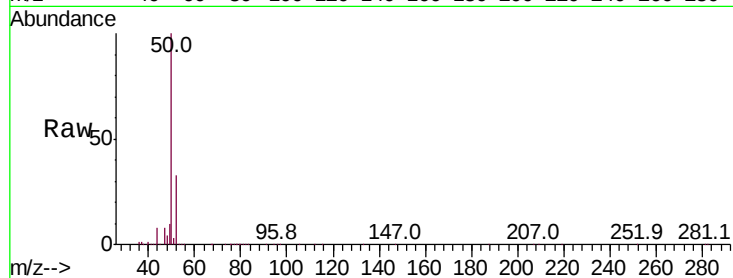
VW0906SBS01

Tot Ion: 50 Resp: 152266

Ion Ratio Lower Upper

50 100

52 33.1 25.8 38.6



#4

Vinyl Chloride

Concen: 23.140 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW005156.D

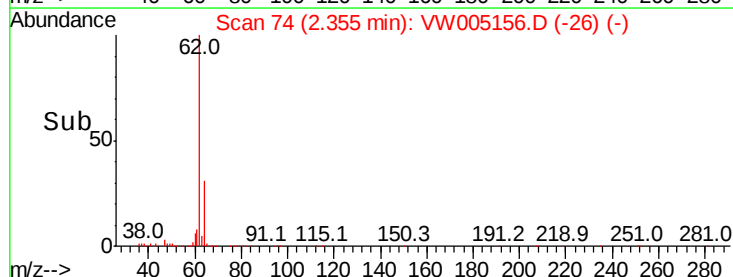
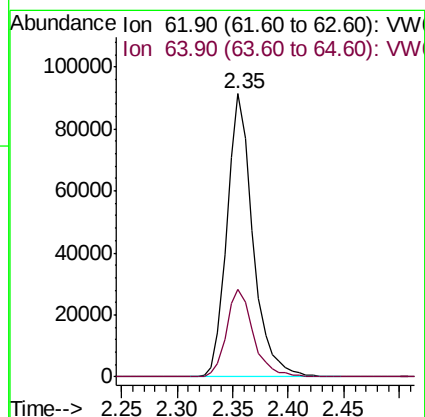
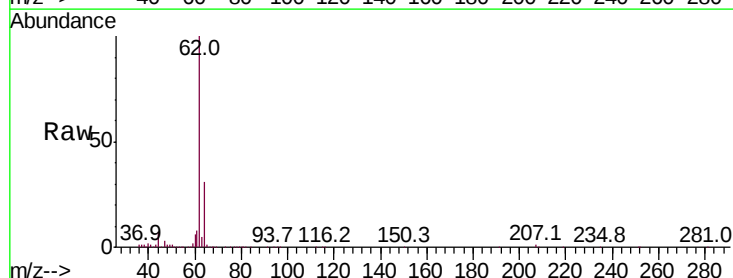
Acq: 06 Sep 2018 12:00

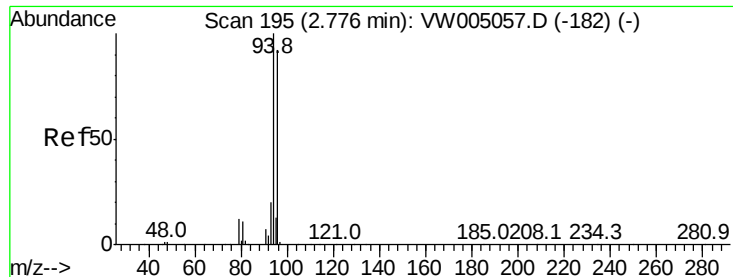
Tgt Ion: 62 Resp: 147247

Ion Ratio Lower Upper

62 100

64 30.8 25.6 38.4





#5

Bromomethane

Concen: 19.008 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Instrument :

MSVOA_W

ClientSampleId :

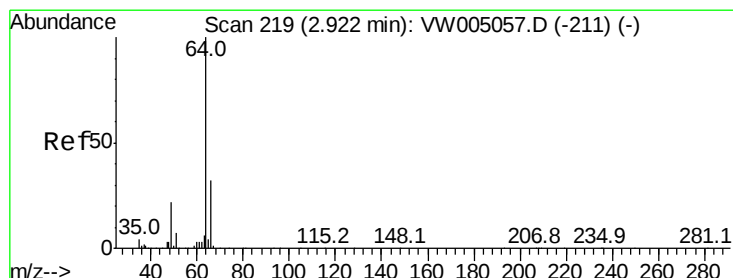
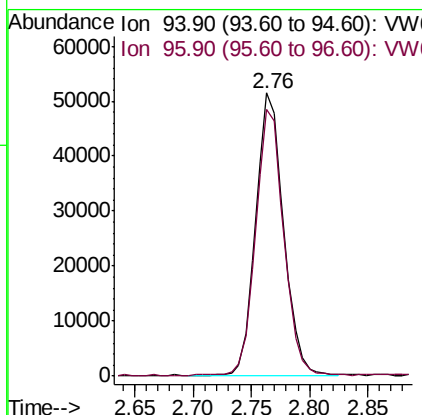
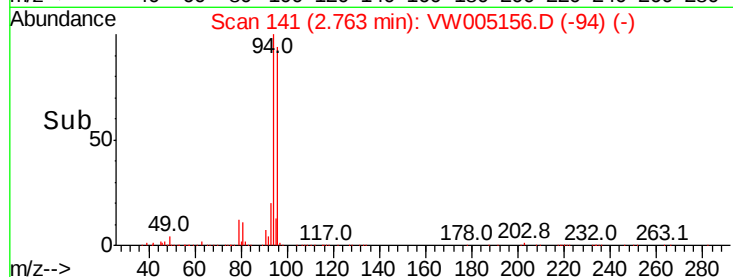
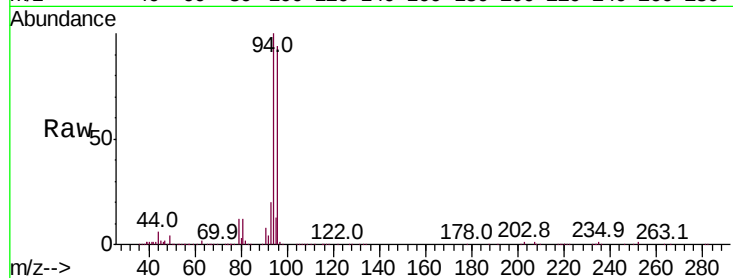
VW0906SBS01

Tot Ion: 94 Resp: 85470

Ion Ratio Lower Upper

94 100

96 94.2 73.2 109.8



#6

Chloroethane

Concen: 21.041 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW005156.D

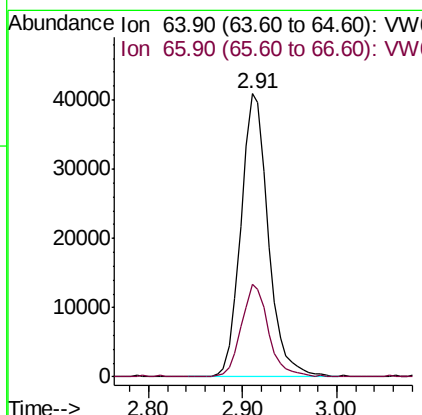
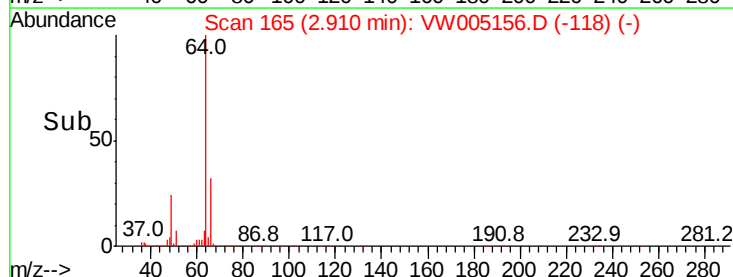
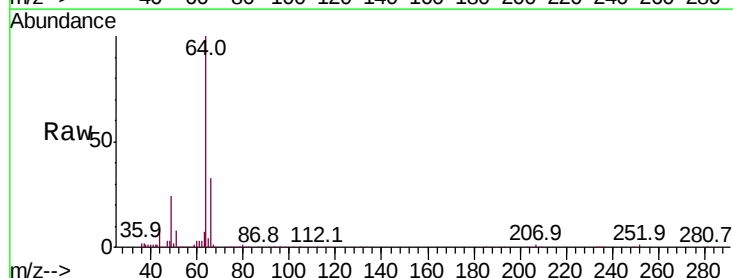
Acq: 06 Sep 2018 12:00

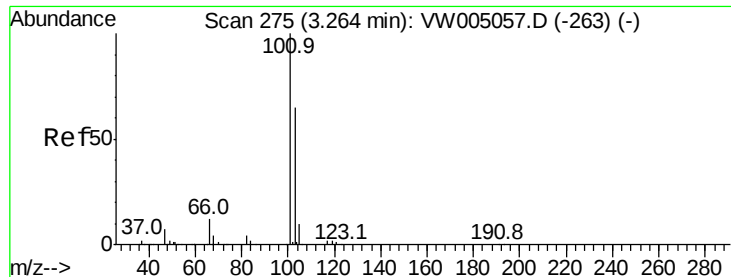
Tgt Ion: 64 Resp: 83340

Ion Ratio Lower Upper

64 100

66 32.3 25.7 38.5



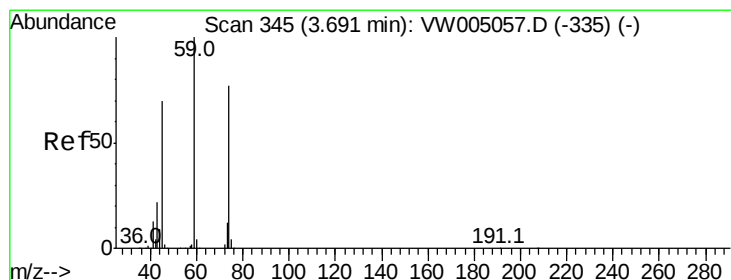
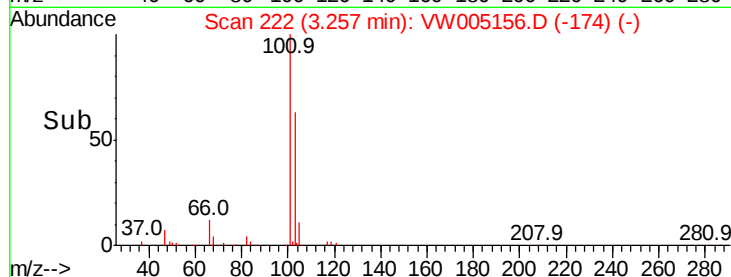
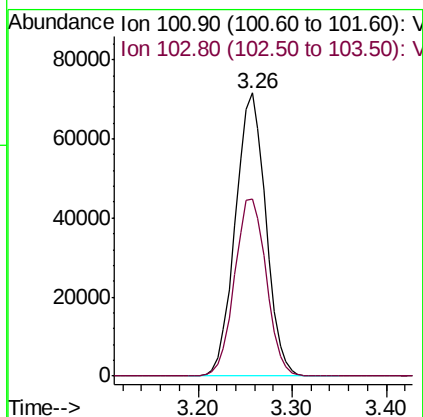
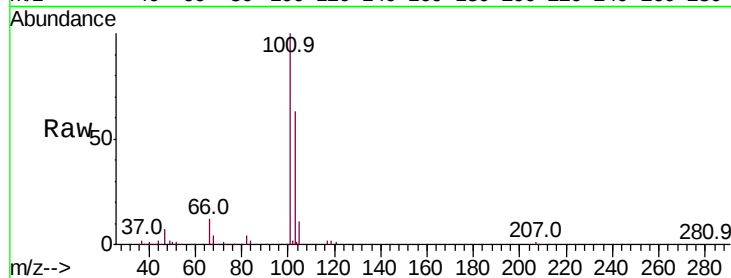


#7

Trichlorofluoromethane
 Concen: 22.566 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW005156.D
 Acq: 06 Sep 2018 12:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS01

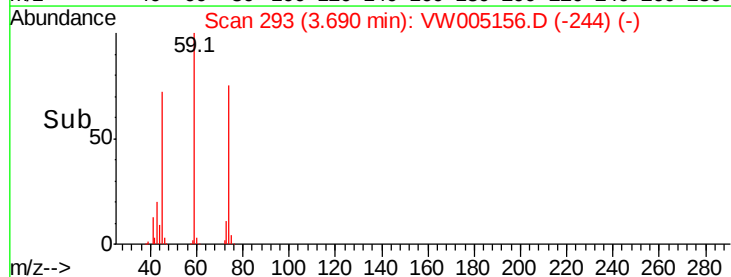
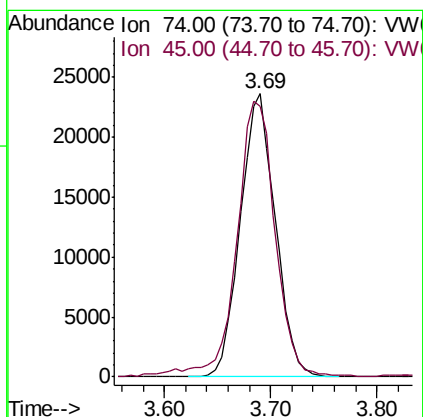
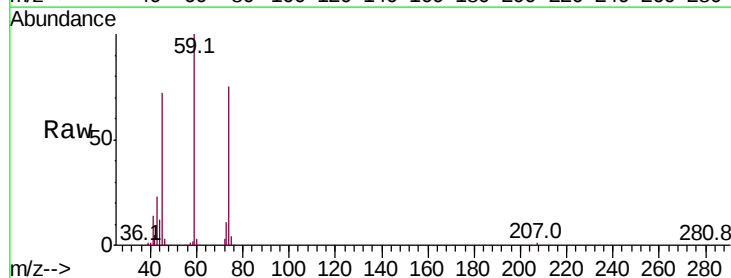
Tot Ion:101 Resp: 161534
 Ion Ratio Lower Upper
 101 100
 103 62.6 51.9 77.9

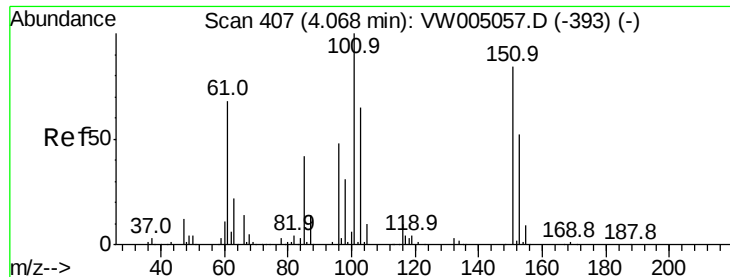


#8

Diethyl Ether
 Concen: 21.049 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW005156.D
 Acq: 06 Sep 2018 12:00

Tgt Ion: 74 Resp: 54515
 Ion Ratio Lower Upper
 74 100
 45 107.8 46.0 137.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.325 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS01

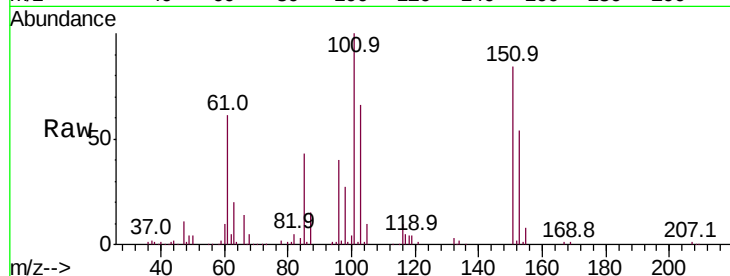
Tot Ion:101 Resp: 109767

Ion Ratio Lower Upper

101 100

85 41.9 33.0 49.6

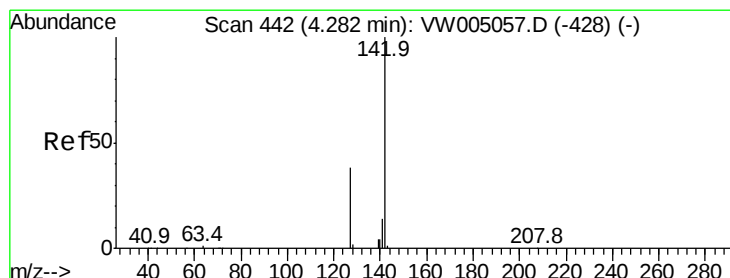
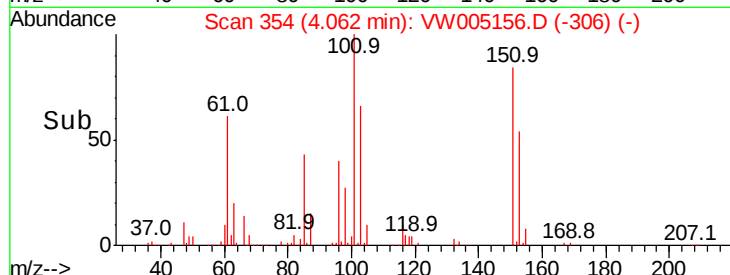
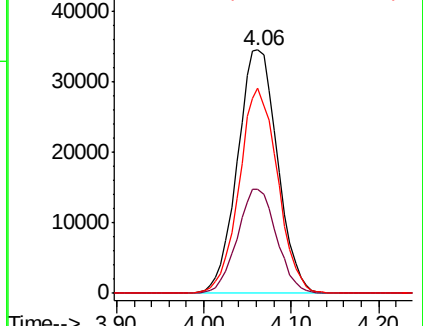
151 80.9 67.0 100.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 14.763 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

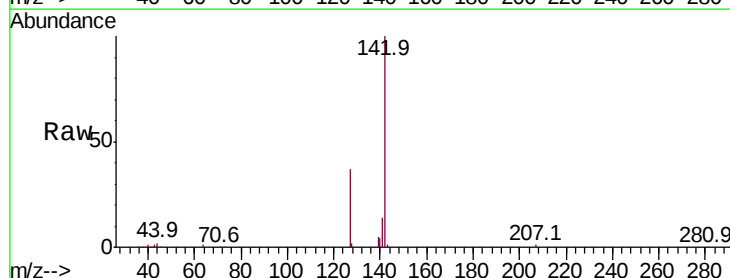
Tgt Ion:142 Resp: 87065

Ion Ratio Lower Upper

142 100

127 38.0 30.8 46.2

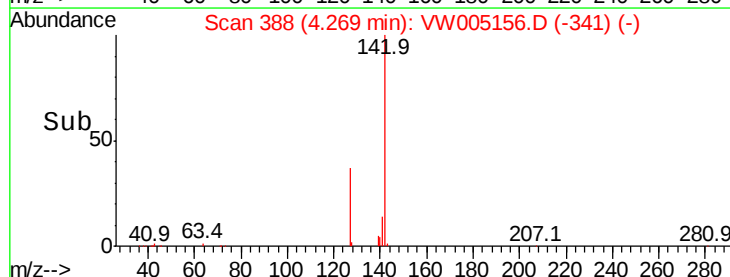
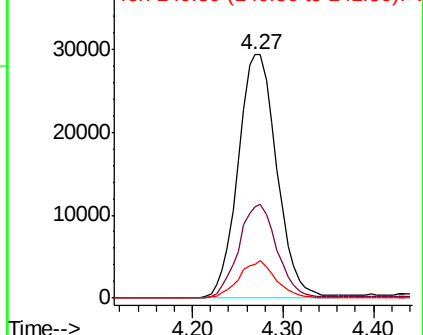
141 14.4 11.6 17.4

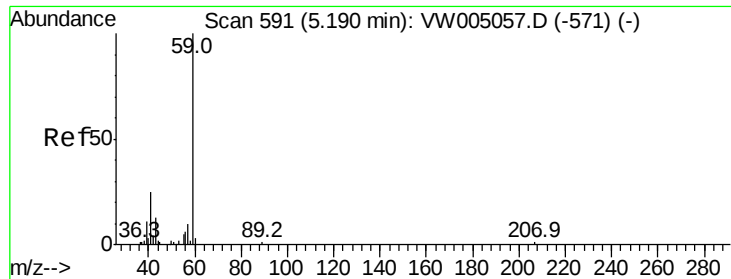


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

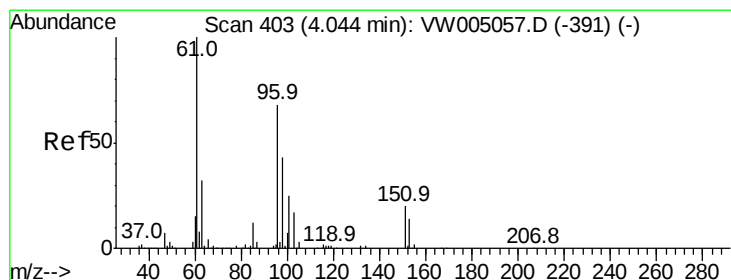
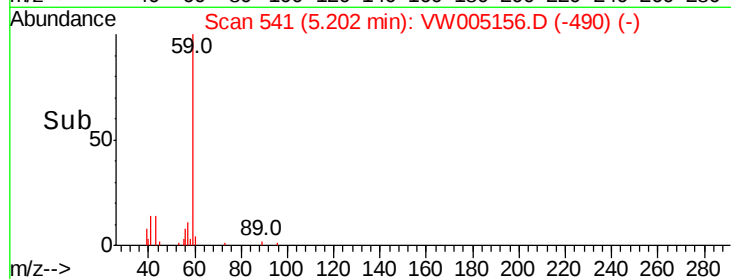
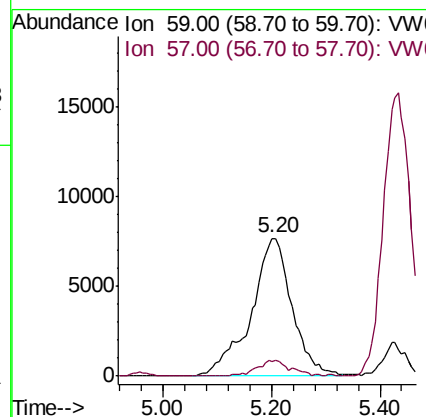
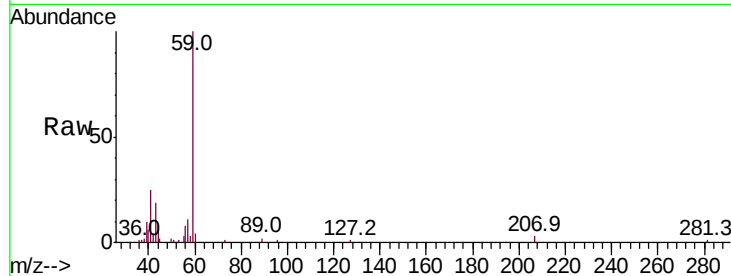




#11
Tert butyl alcohol
Concen: 152.348 ug/l
RT: 5.20 min Scan# 541
Delta R.T. 0.01 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

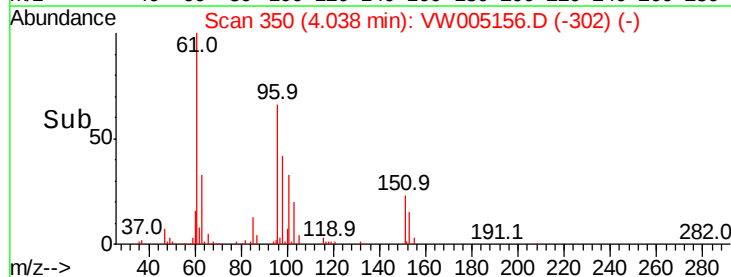
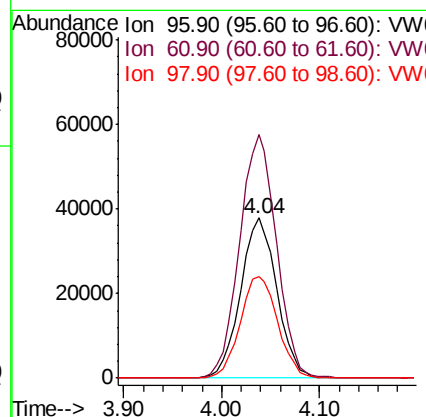
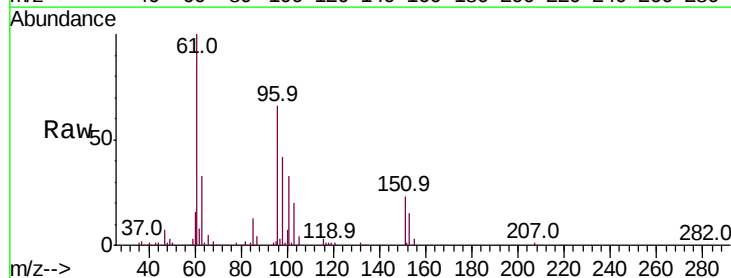
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

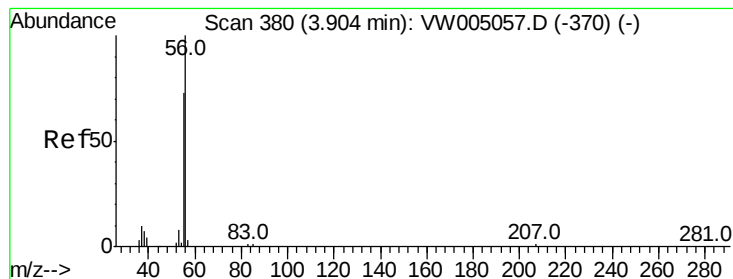
Tot Ion: 59 Resp: 40197
Ion Ratio Lower Upper
59 100
57 9.3 8.6 12.8



#12
1,1-Dichloroethene
Concen: 21.537 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Tgt Ion: 96 Resp: 97454
Ion Ratio Lower Upper
96 100
61 151.9 117.4 176.0
98 63.6 51.0 76.4





#13

Acrolein

Concen: 108.102 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Instrument :

MSVOA_W

ClientSampleId :

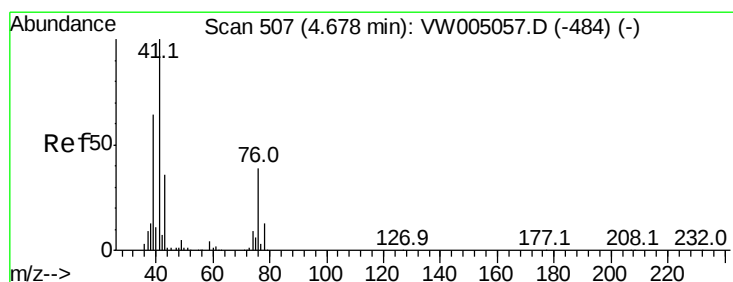
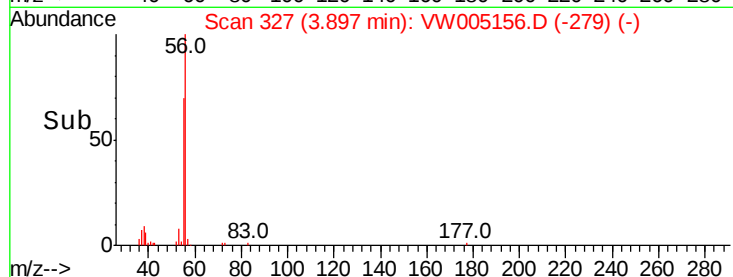
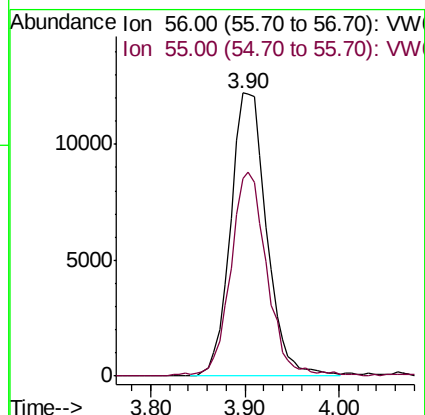
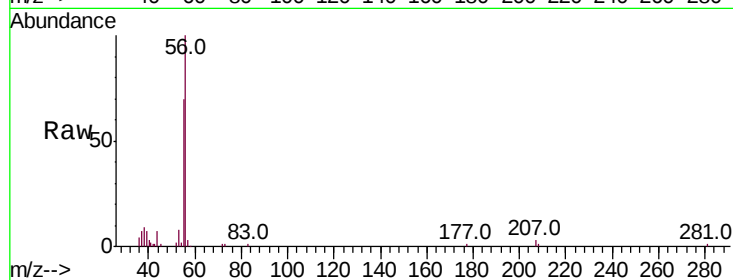
VW0906SBS01

Tot Ion: 56 Resp: 32548

Ion Ratio Lower Upper

56 100

55 71.6 58.1 87.1



#14

Allyl chloride

Concen: 21.698 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

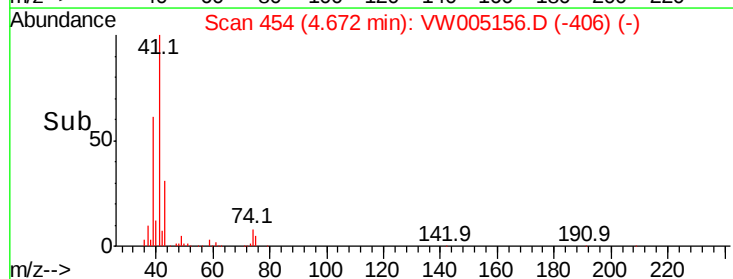
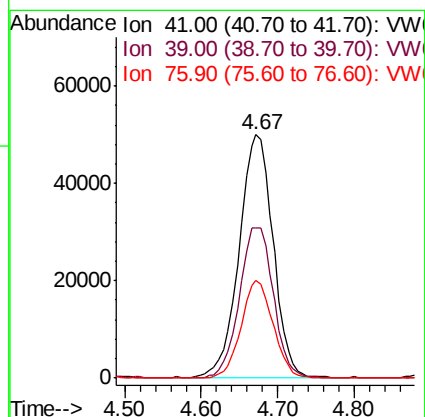
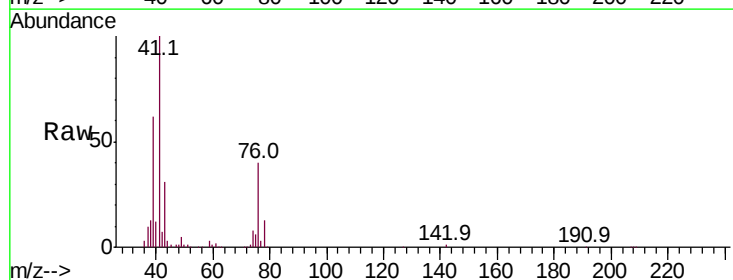
Tgt Ion: 41 Resp: 153477

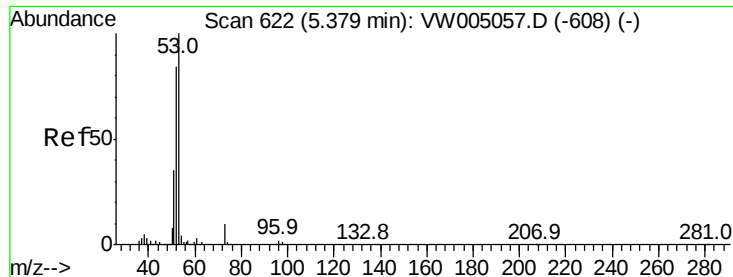
Ion Ratio Lower Upper

41 100

39 62.4 49.4 74.2

76 37.9 31.8 47.6



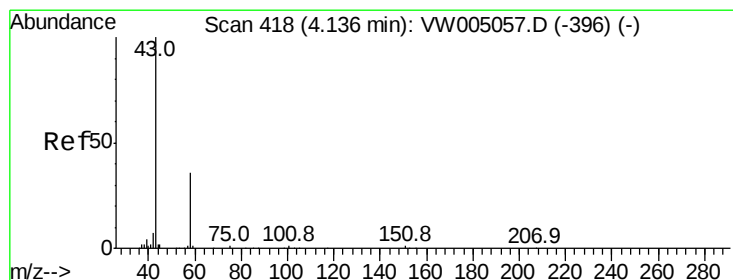
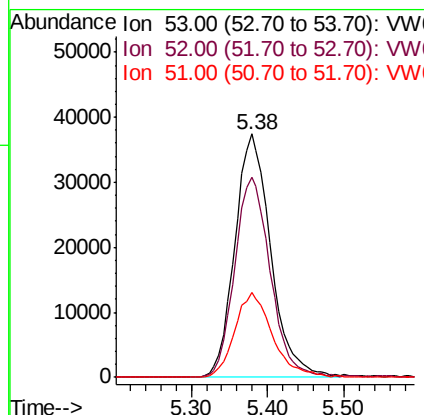
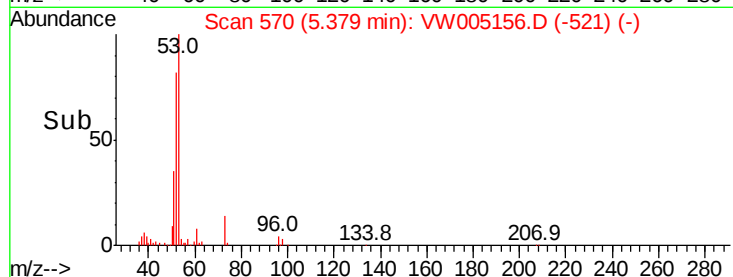
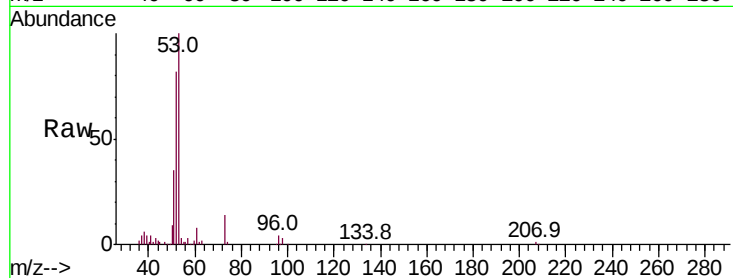


#15
 Acrylonitrile
 Concen: 111.528 ug/l
 RT: 5.38 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VW005156.D
 Acq: 06 Sep 2018 12:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS01

Tot Ion: 53 Resp: 121836

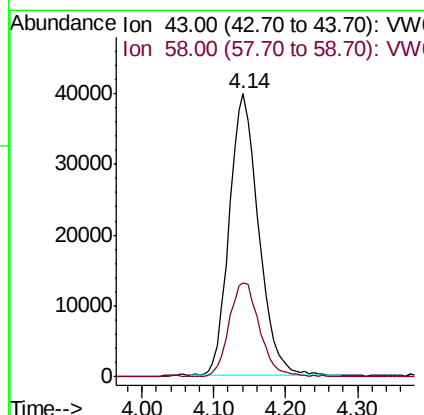
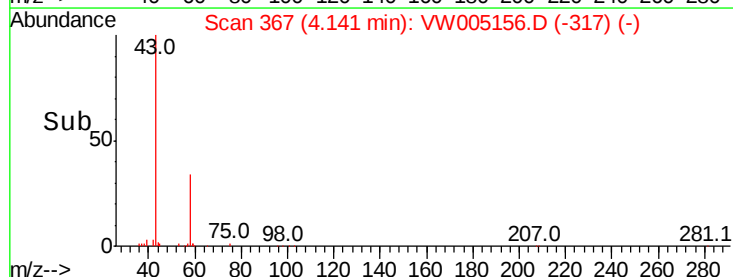
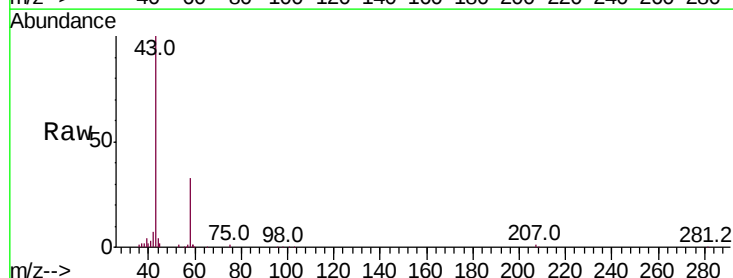
Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.7	98.5
51	36.6	28.8	43.2

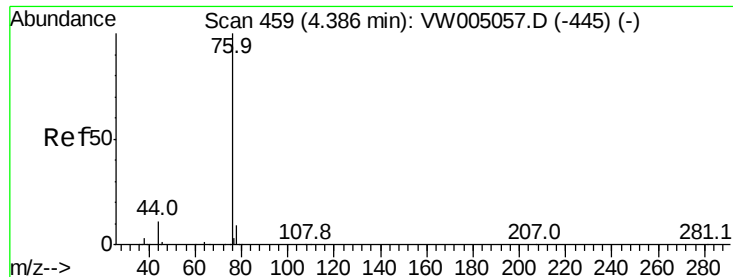


#16
 Acetone
 Concen: 121.133 ug/l
 RT: 4.14 min Scan# 367
 Delta R.T. 0.01 min
 Lab File: VW005156.D
 Acq: 06 Sep 2018 12:00

Tgt Ion: 43 Resp: 112688

Ion	Ratio	Lower	Upper
43	100		
58	33.0	29.0	43.6





#17

Carbon Disulfide

Concen: 22.253 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Instrument :

MSVOA_W

ClientSampleId :

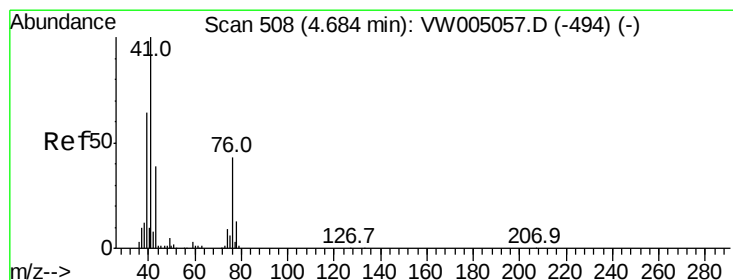
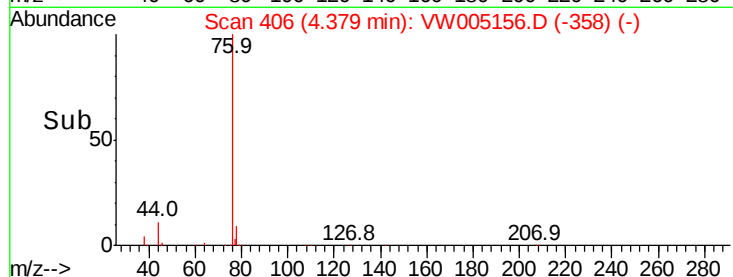
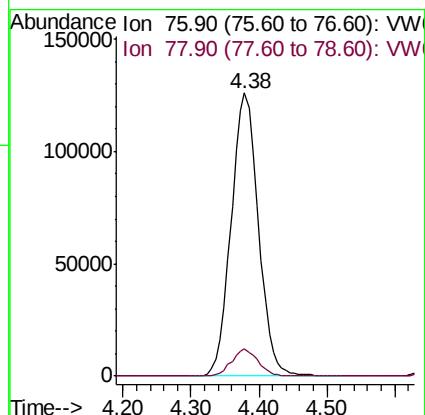
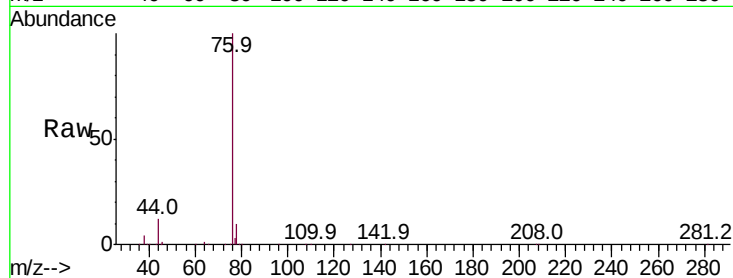
VW0906SBS01

Tot Ion: 76 Resp: 350866

Ion Ratio Lower Upper

76 100

78 9.8 7.3 10.9



#18

Methyl Acetate

Concen: 19.971 ug/l

RT: 4.68 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW005156.D

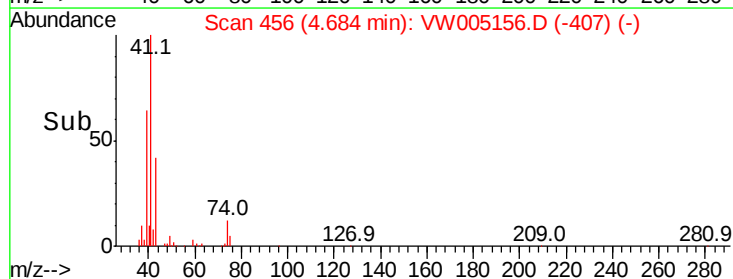
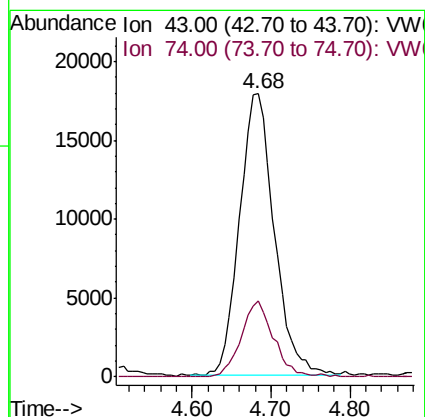
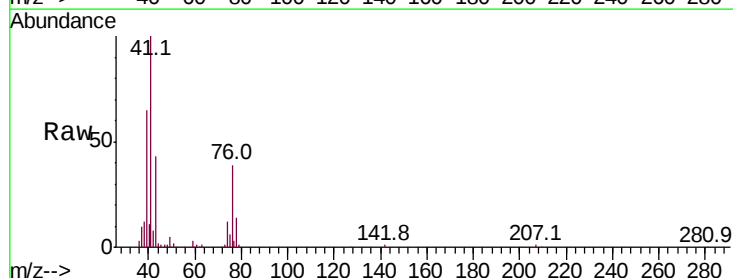
Acq: 06 Sep 2018 12:00

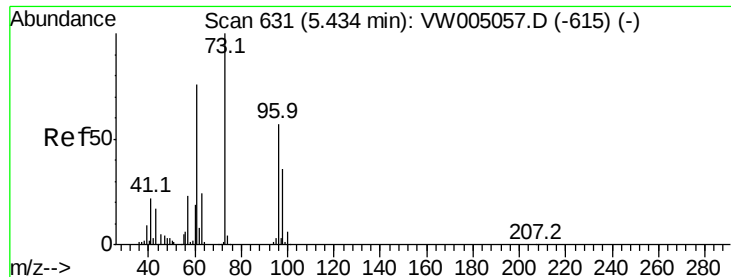
Tgt Ion: 43 Resp: 54654

Ion Ratio Lower Upper

43 100

74 25.1 20.7 31.1

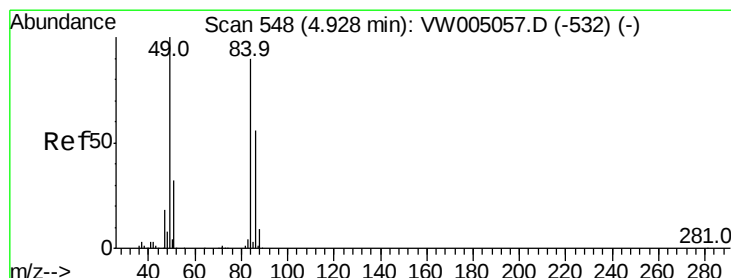
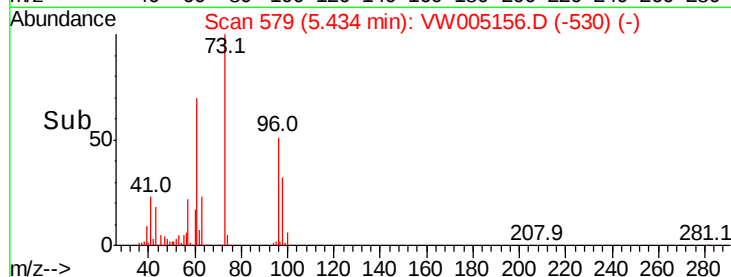
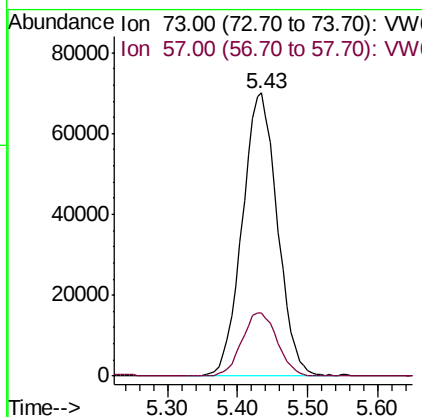
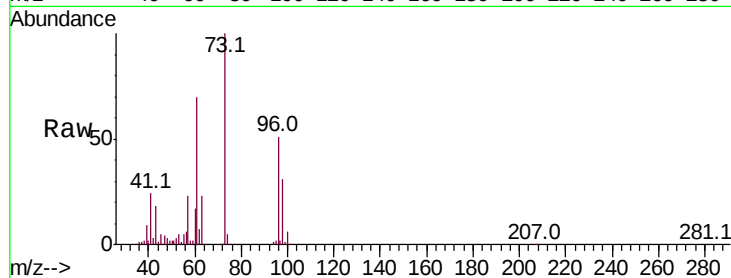




#19
Methvl tert-butvl Ether
Concen: 22.208 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

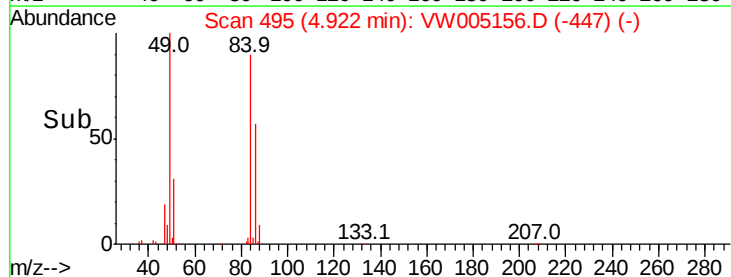
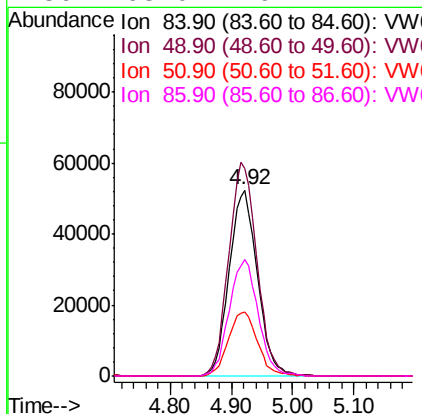
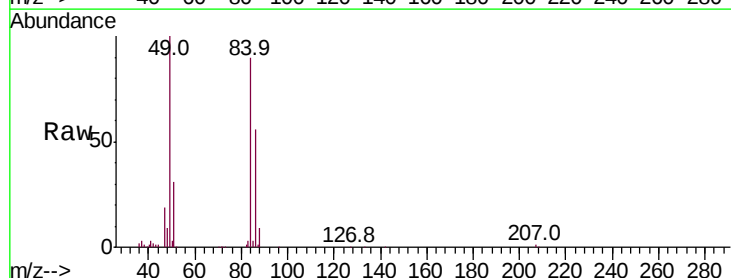
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

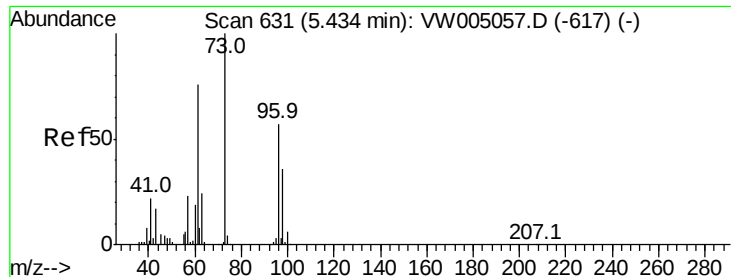
Tot Ion: 73 Resp: 244013
Ion Ratio Lower Upper
73 100
57 22.5 18.1 27.1



#20
Methylene Chloride
Concen: 24.434 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.01 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Tgt Ion: 84 Resp: 166064
Ion Ratio Lower Upper
84 100
49 111.5 88.7 133.1
51 34.6 28.6 42.8
86 63.0 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 20.773 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS01

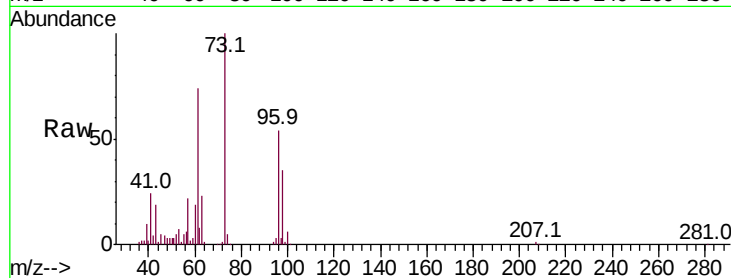
Tot Ion: 96 Resp: 114522

Ion Ratio Lower Upper

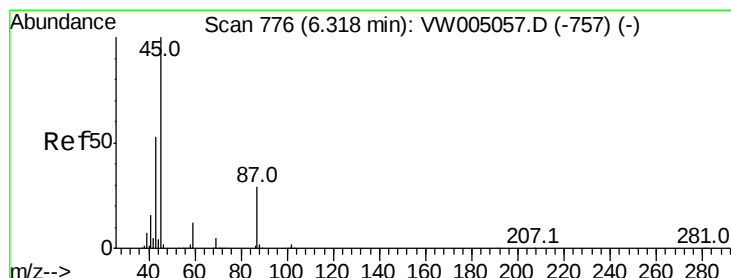
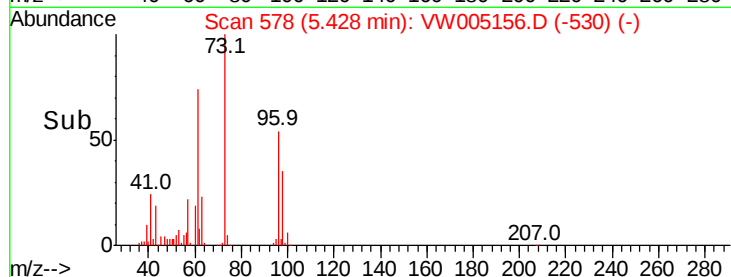
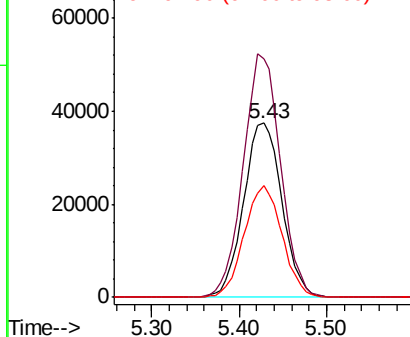
96 100

61 137.0 106.3 159.5

98 64.2 50.9 76.3



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



#22

Diisopropyl ether

Concen: 22.246 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Tgt Ion: 45 Resp: 331103

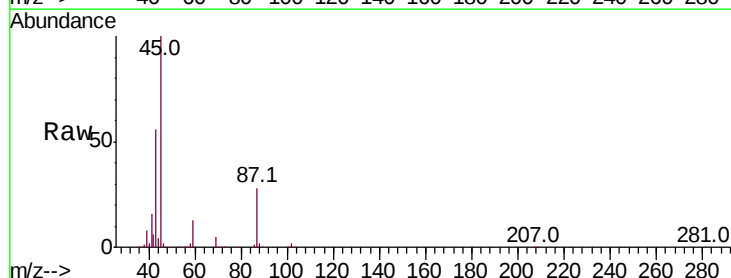
Ion Ratio Lower Upper

45 100

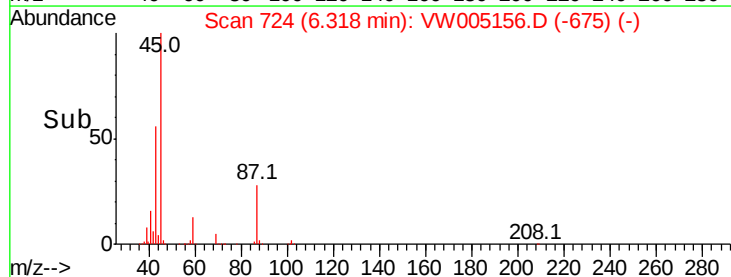
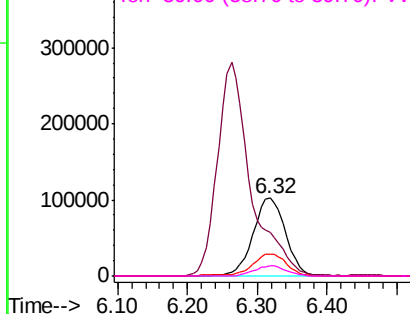
43 54.7 42.6 63.8

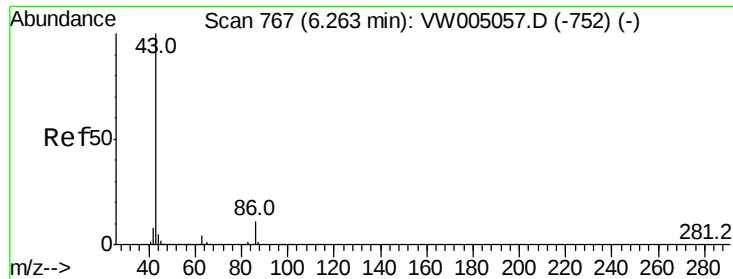
87 28.0 23.6 35.4

59 12.6 9.8 14.8



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW

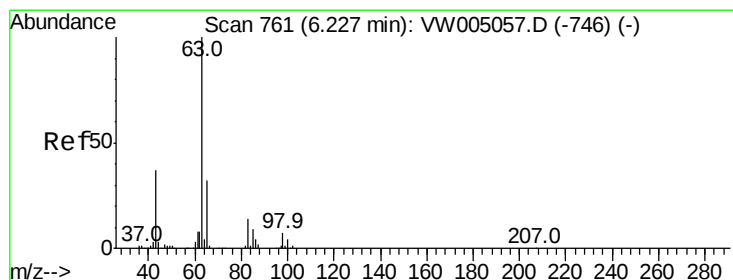
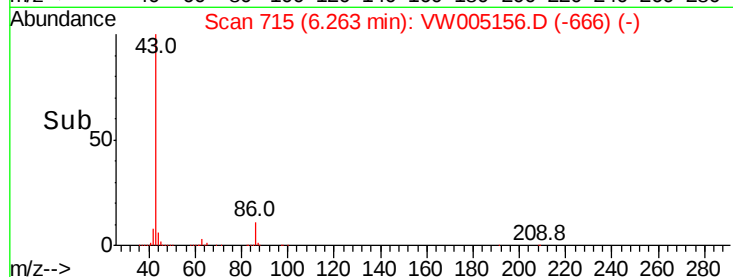
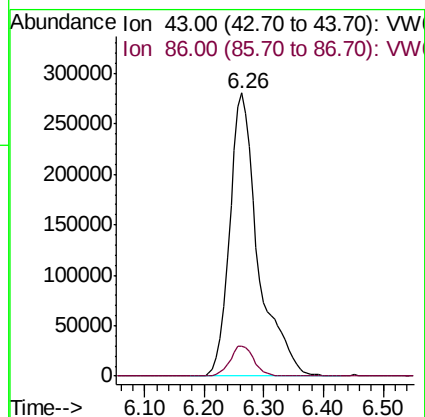
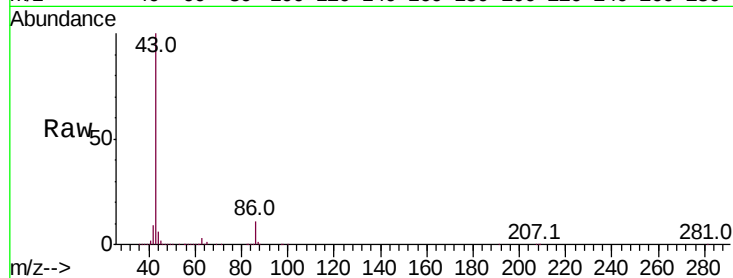




#23
 Vinyl Acetate
 Concen: 118.924 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: VW005156.D
 Acq: 06 Sep 2018 12:00

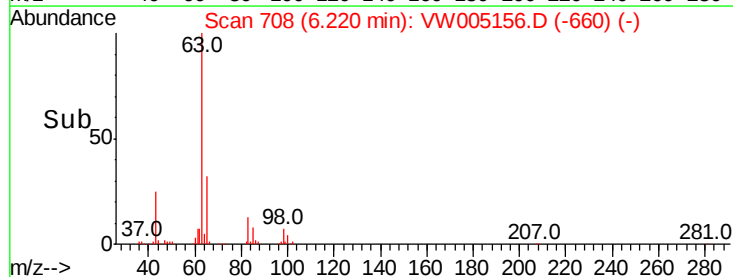
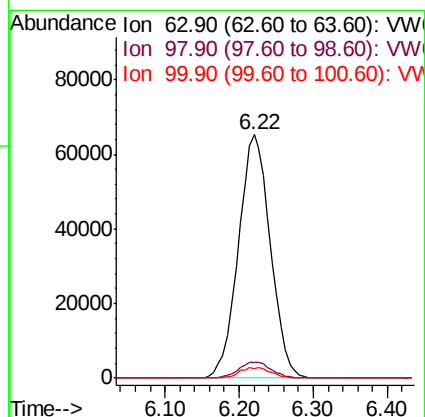
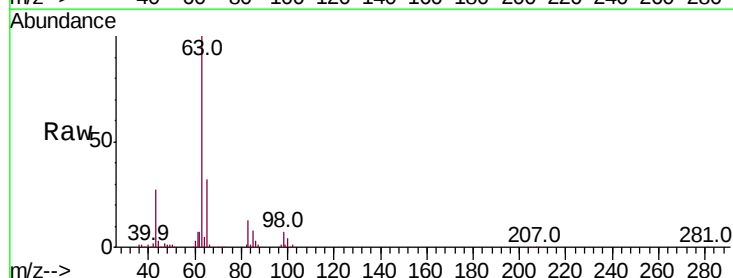
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS01

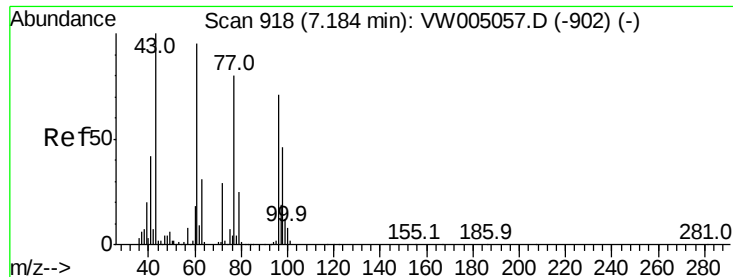
Tot Ion: 43 Resp: 929752
 Ion Ratio Lower Upper
 43 100
 86 10.8 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 21.067 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: VW005156.D
 Acq: 06 Sep 2018 12:00

Tgt Ion: 63 Resp: 195997
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.8
 100 3.9 2.2 6.6





#25

2-Butanone

Concen: 114.633 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Instrument :

MSVOA_W

ClientSampled :

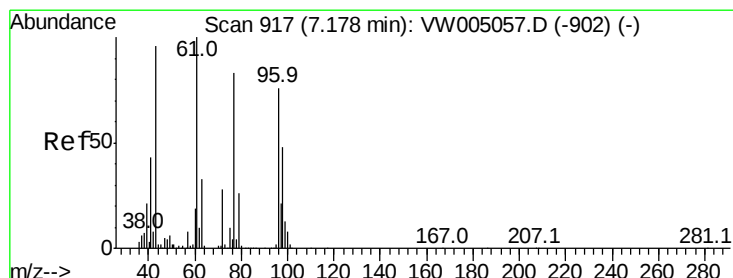
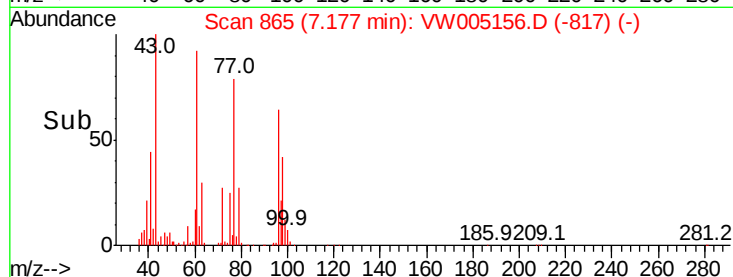
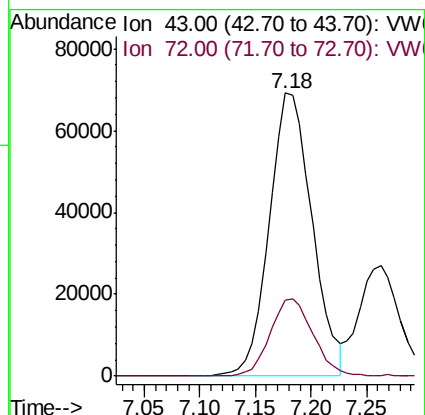
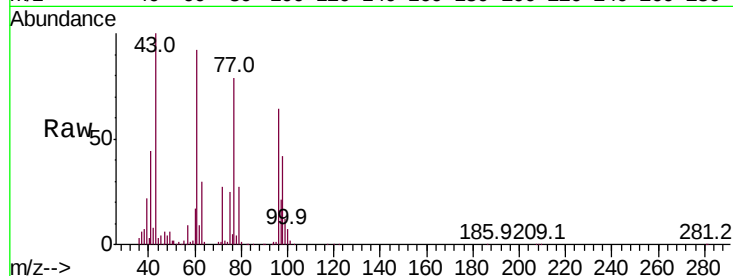
VW0906SBS01

Tot Ion: 43 Resp: 184968

Ion Ratio Lower Upper

43 100

72 26.7 23.1 34.7



#26

2,2-Dichloropropane

Concen: 22.635 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005156.D

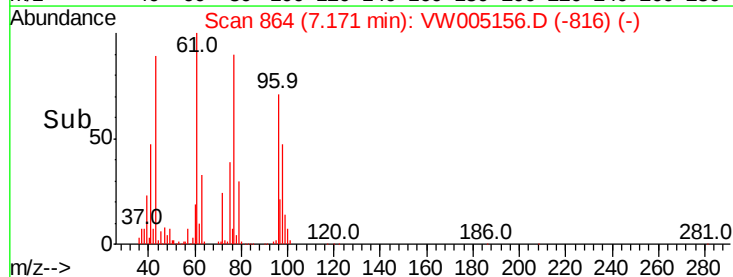
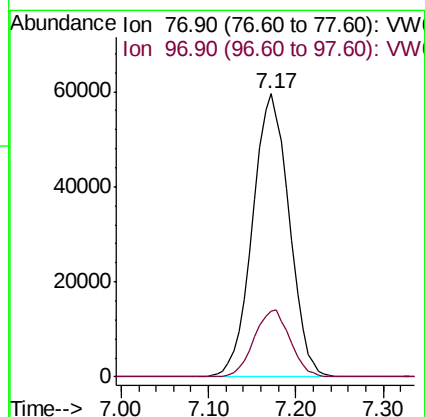
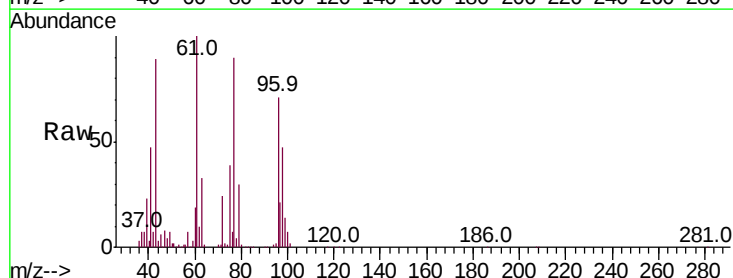
Acq: 06 Sep 2018 12:00

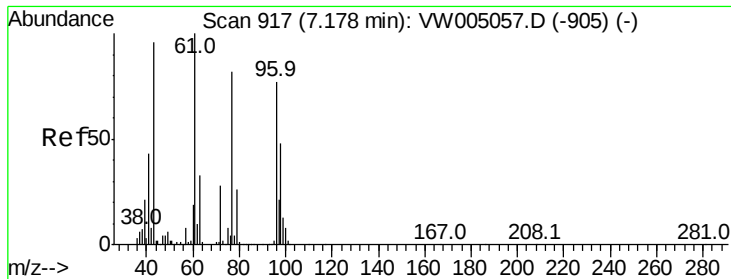
Tgt Ion: 77 Resp: 173051

Ion Ratio Lower Upper

77 100

97 23.4 12.2 36.6



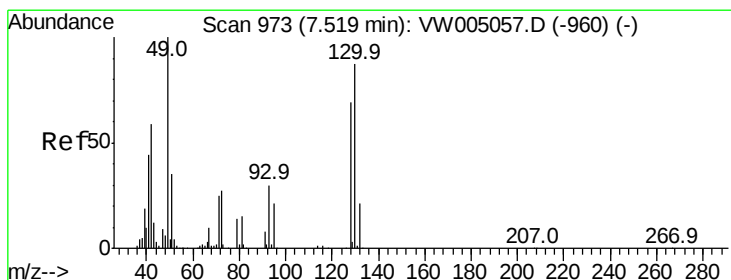
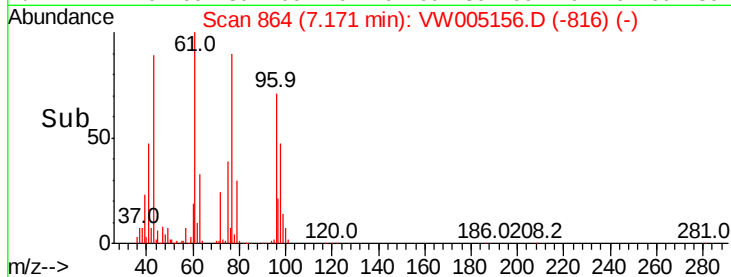
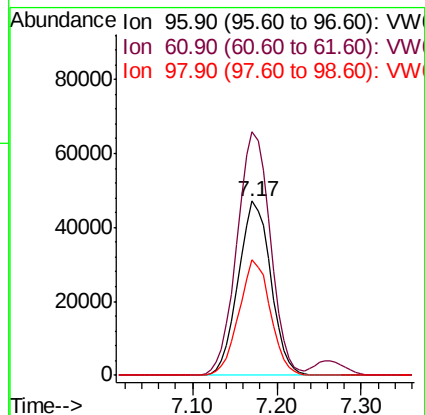
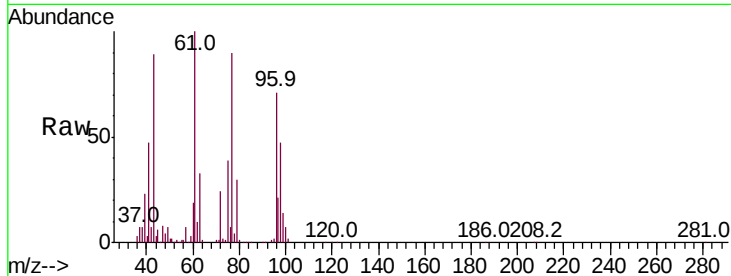


#27

cis-1,2-Dichloroethene
Concen: 20.353 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

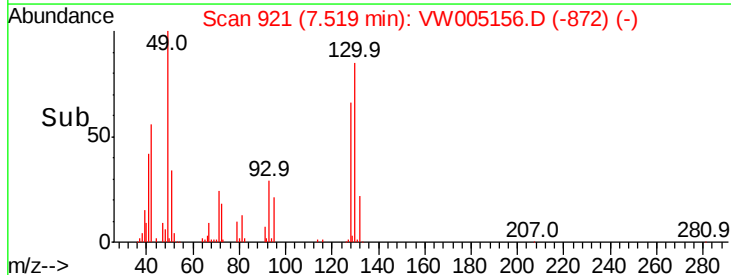
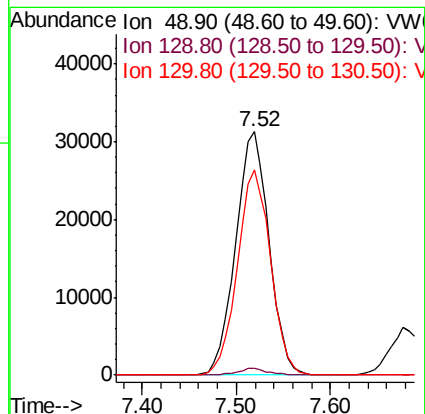
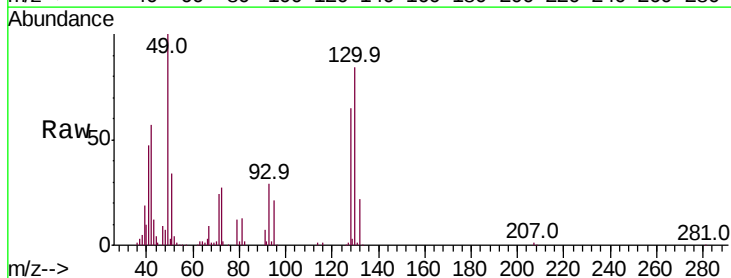
Tot Ion	Ratio	Lower	Upper
96	100		
61	144.0	0.0	273.2
98	64.3	0.0	127.8

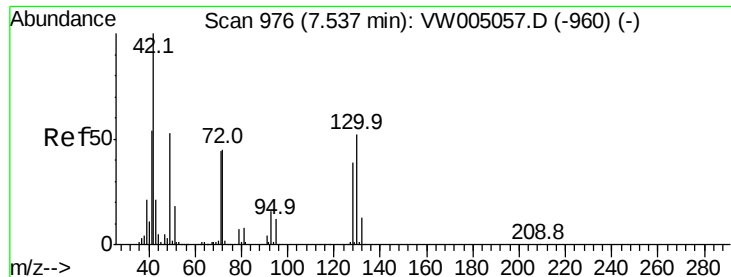


#28

Bromochloromethane
Concen: 20.617 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.4
130	83.9	69.6	104.4

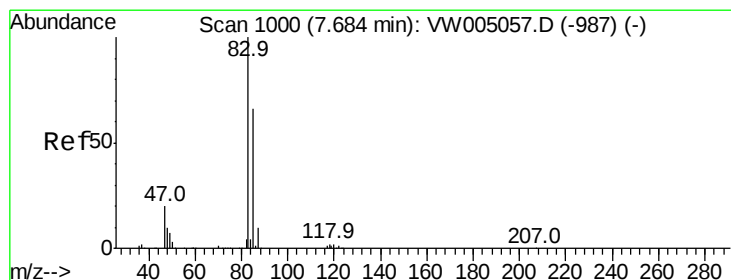
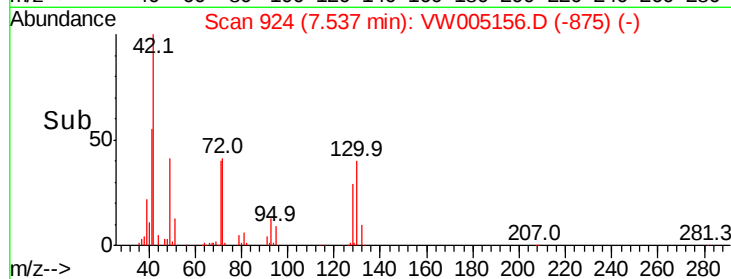
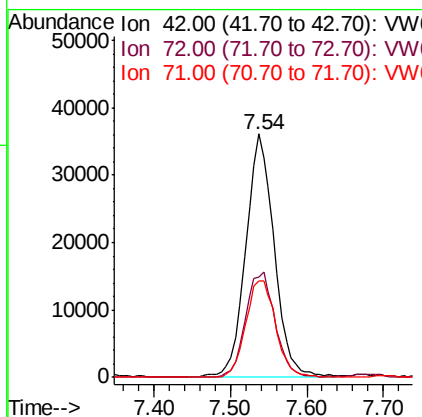
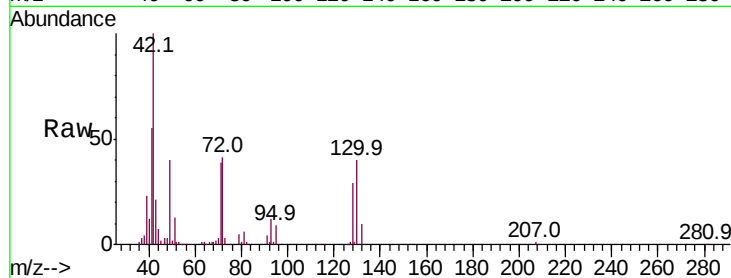




#29
Tetrahydrofuran
Concen: 113.661 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

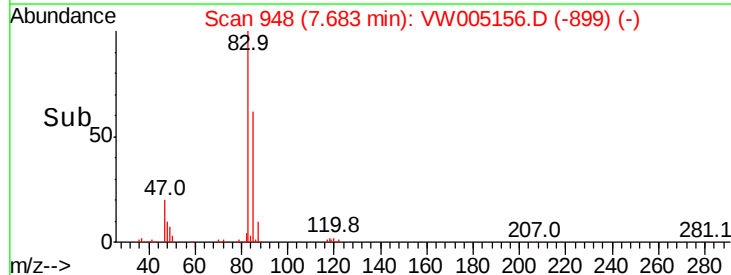
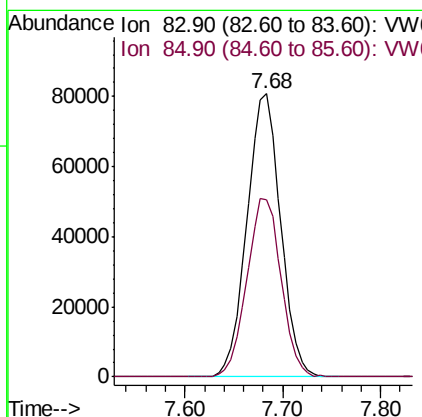
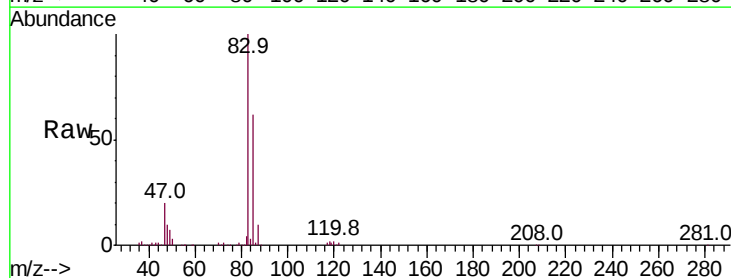
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

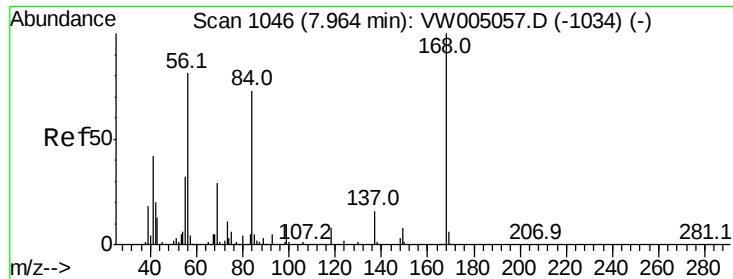
Tot Ion: 42 Resp: 93709
Ion Ratio Lower Upper
42 100
72 44.8 37.0 55.4
71 41.9 35.0 52.6



#30
Chloroform
Concen: 20.381 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Tgt Ion: 83 Resp: 193521
Ion Ratio Lower Upper
83 100
85 62.4 53.1 79.7





#31

Cyclohexane

Concen: 22.914 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.01 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Instrument :

MSVOA_W

ClientSampled :

VW0906SBS01

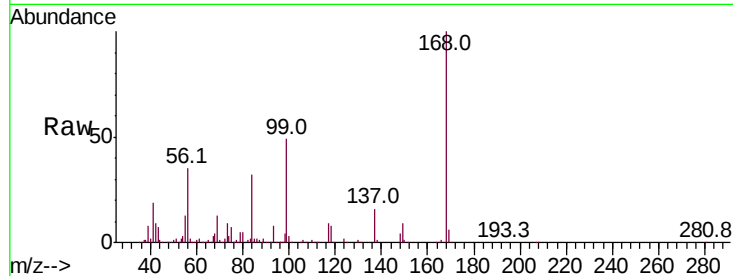
Tot Ion: 56 Resp: 208757

Ion Ratio Lower Upper

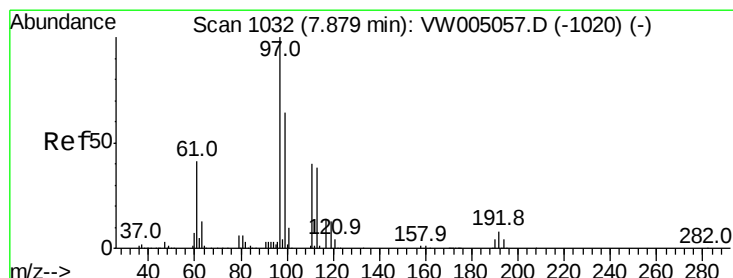
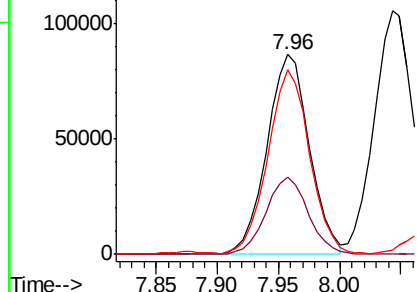
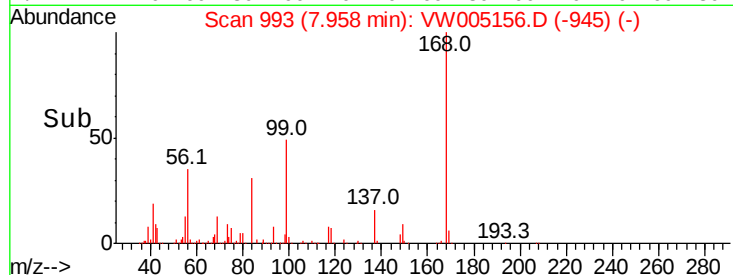
56 100

69 38.7 28.2 42.2

84 91.3 71.8 107.8



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



#32

1,1,1-Trichloroethane

Concen: 20.968 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

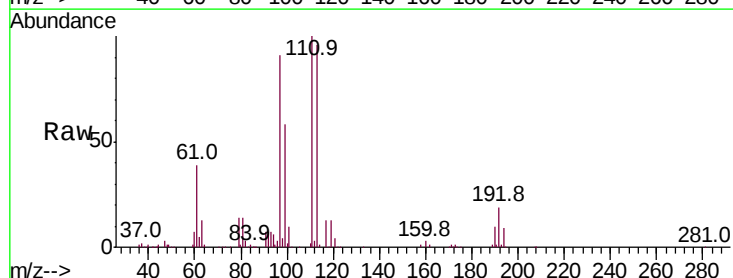
Tgt Ion: 97 Resp: 173404

Ion Ratio Lower Upper

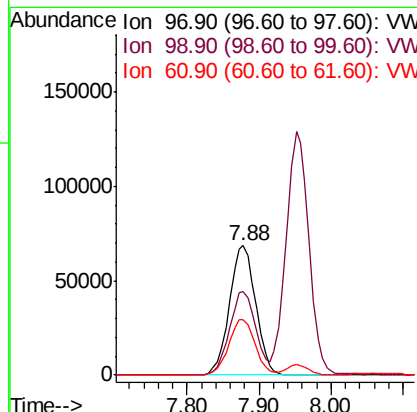
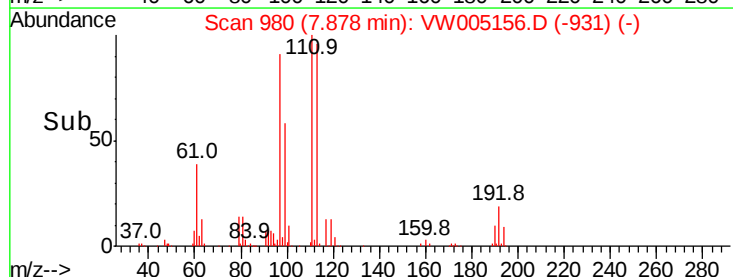
97 100

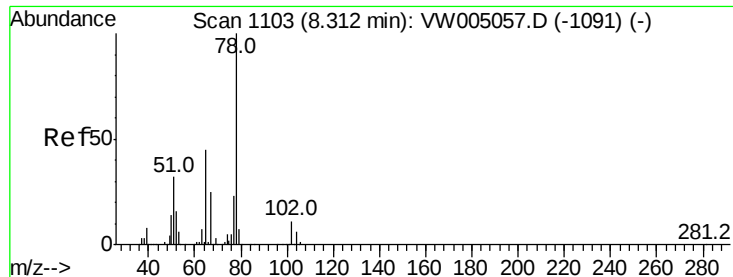
99 65.3 51.8 77.8

61 43.0 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

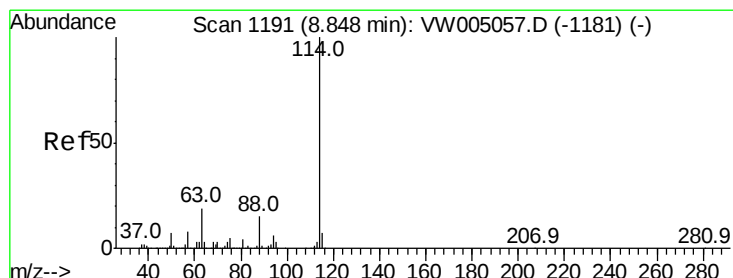
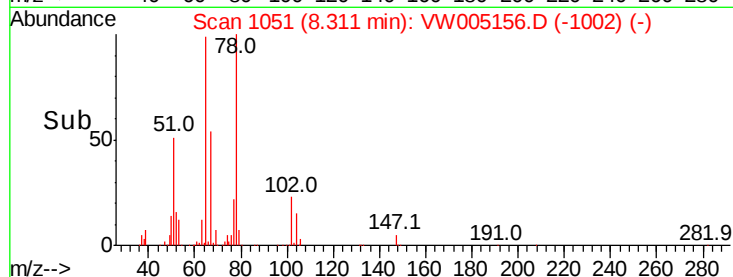
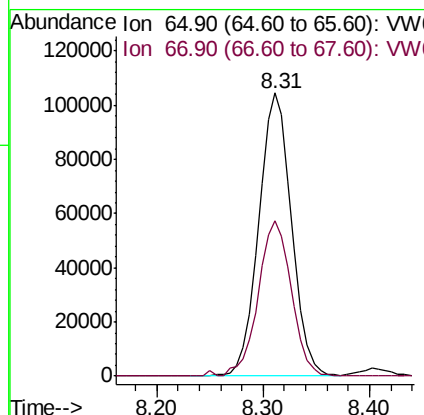
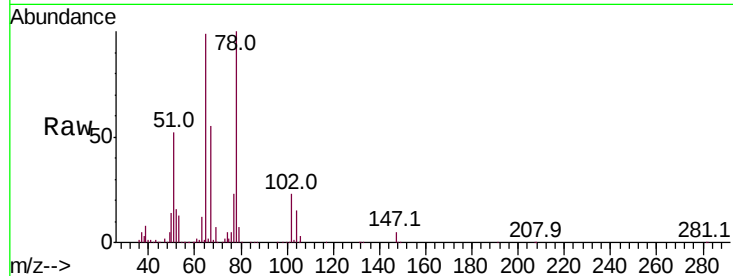




#33
 1,2-Dichloroethane-d4
 Concen: 48.461 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005156.D
 Acq: 06 Sep 2018 12:00

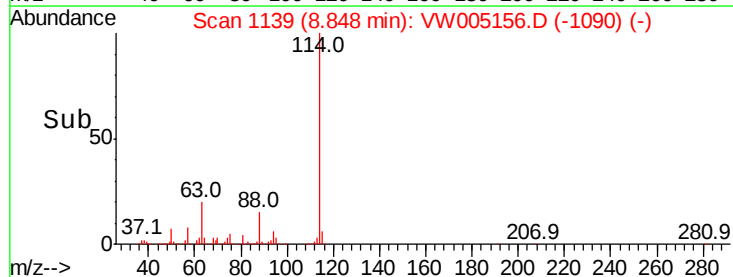
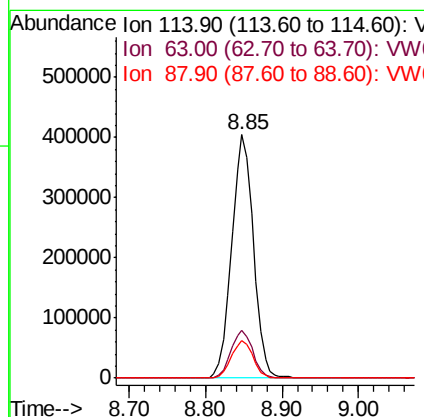
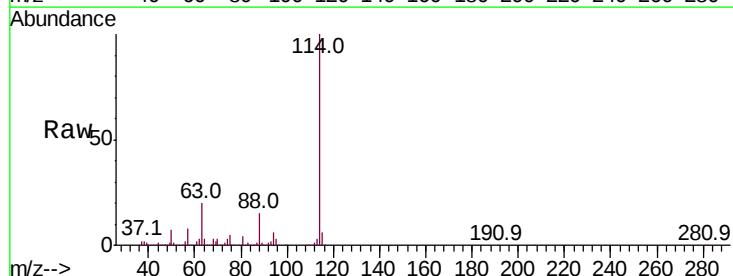
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS01

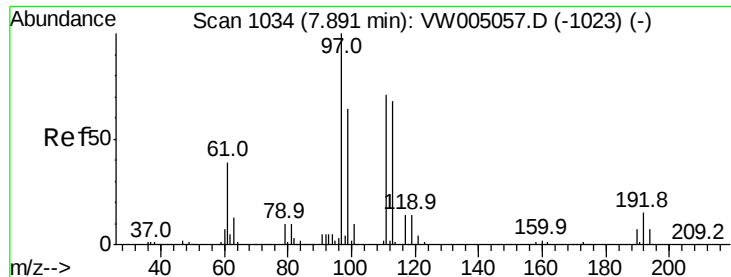
Tot Ion: 65 Resp: 224798
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005156.D
 Acq: 06 Sep 2018 12:00

Tgt Ion: 114 Resp: 793648
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.0
 88 15.3 0.0 30.2

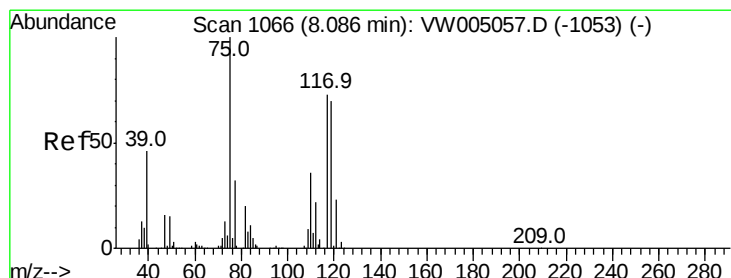
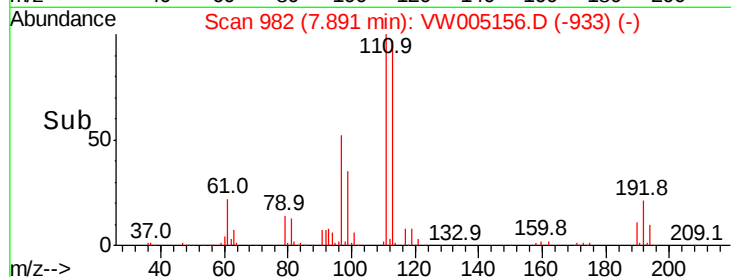
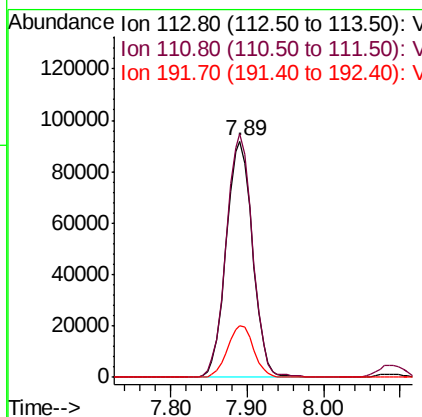
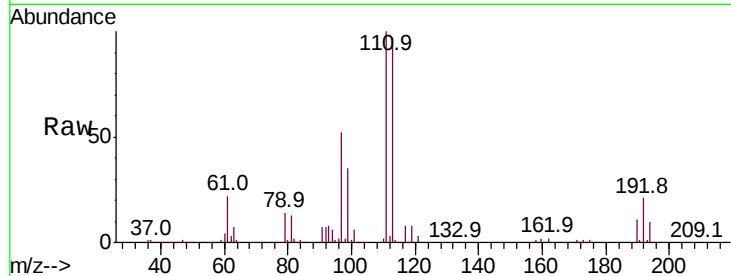




#35
 Dibromofluoromethane
 Concen: 47.770 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005156.D
 Acq: 06 Sep 2018 12:00

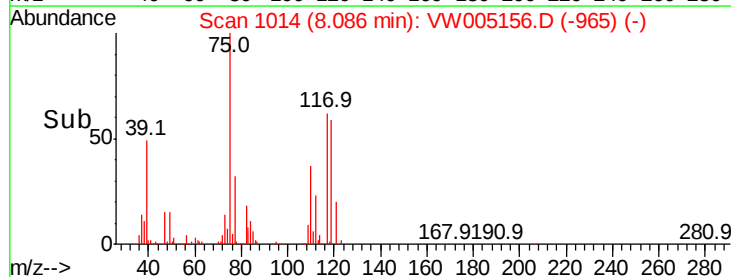
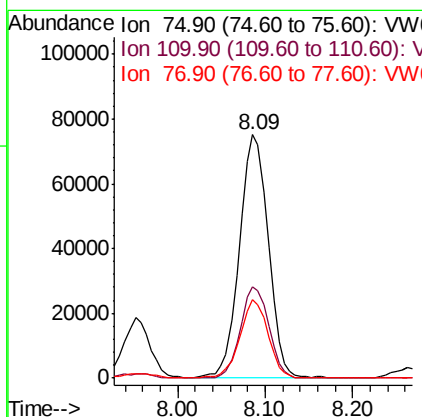
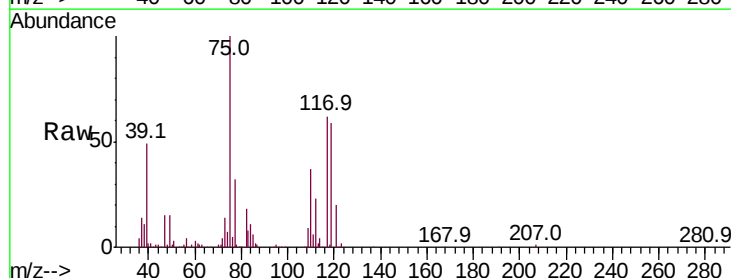
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS01

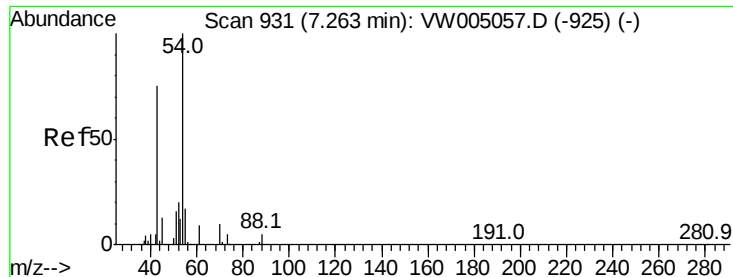
Tot Ion:113 Resp: 219089
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.2 123.2
 192 21.8 18.1 27.1



#36
 1,1-Dichloropropene
 Concen: 22.650 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW005156.D
 Acq: 06 Sep 2018 12:00

Tgt Ion: 75 Resp: 171201
 Ion Ratio Lower Upper
 75 100
 110 37.1 18.9 56.7
 77 31.9 25.5 38.3

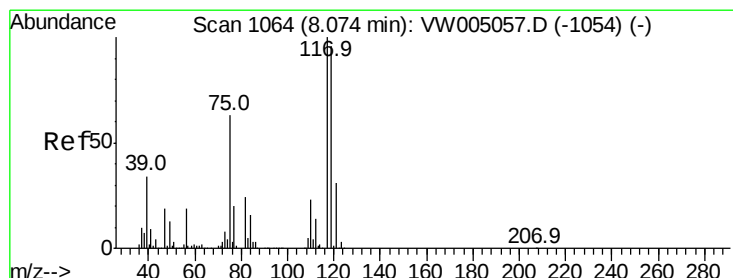
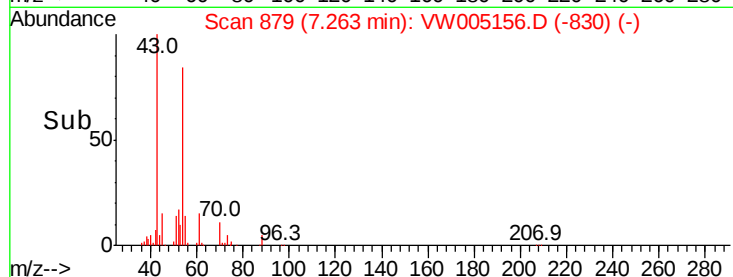
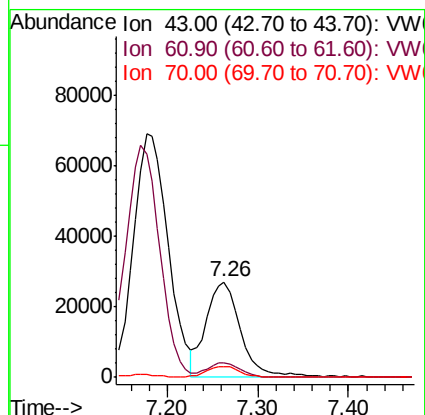
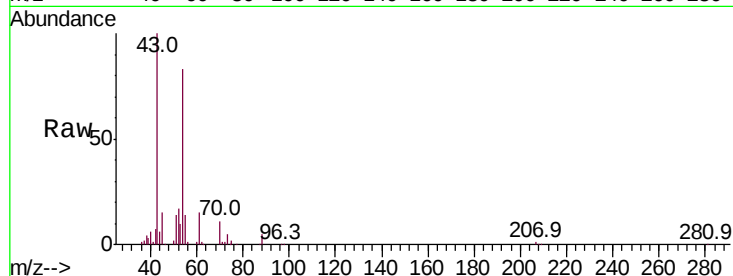




#37
Ethyl Acetate
Concen: 24.962 ug/l
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

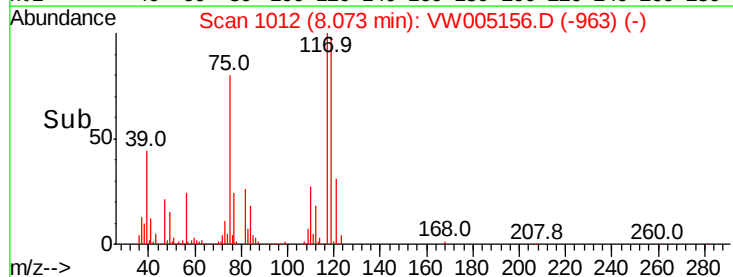
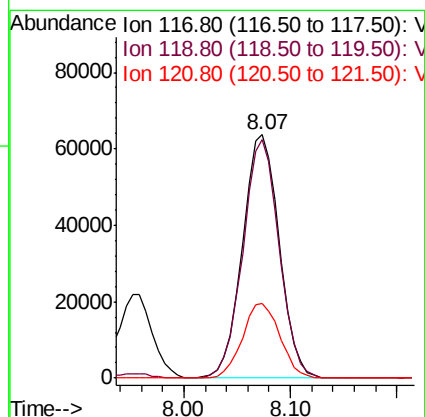
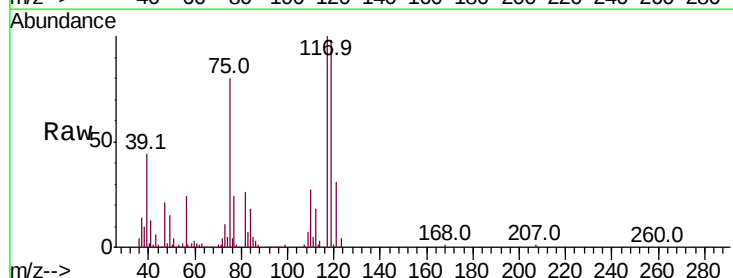
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

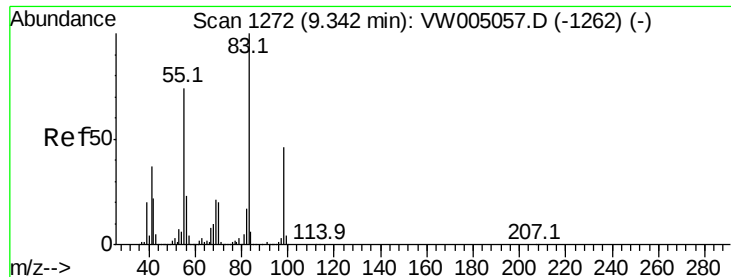
Tot Ion: 43 Resp: 70563
Ion Ratio Lower Upper
43 100
61 14.1 12.1 18.1
70 11.4 9.4 14.2



#38
Carbon Tetrachloride
Concen: 21.478 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Tgt Ion: 117 Resp: 154366
Ion Ratio Lower Upper
117 100
119 97.7 76.6 115.0
121 30.9 24.8 37.2

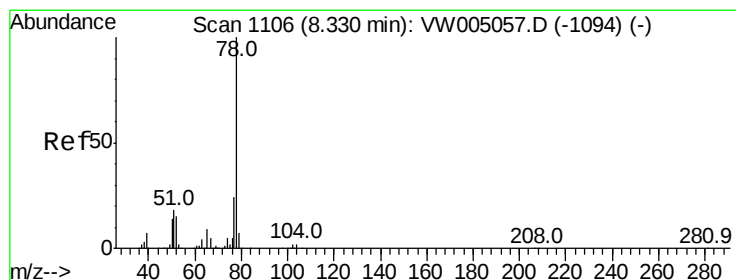
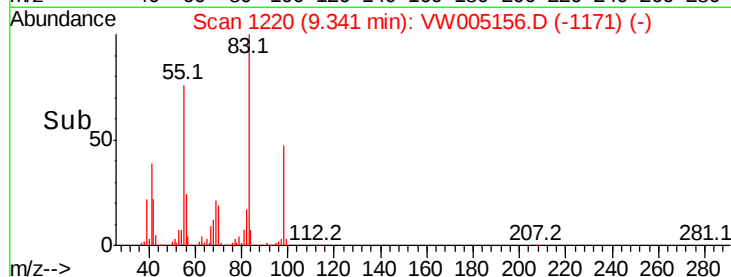
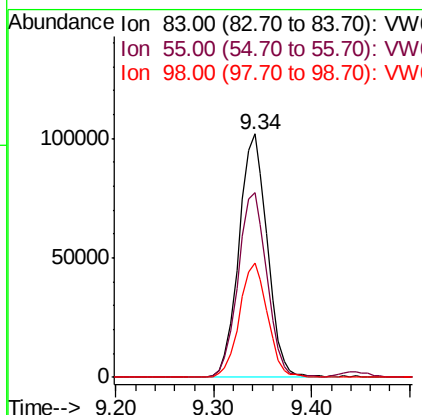
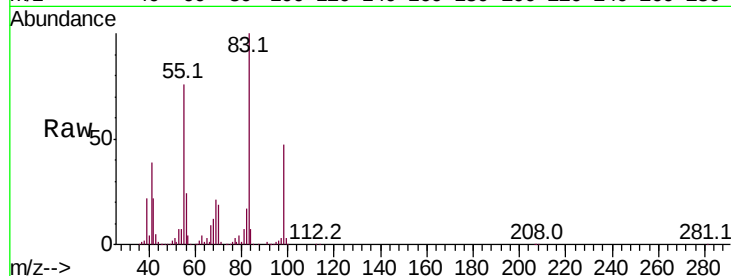




#39
Methvlcvclohexane
Concen: 22.472 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

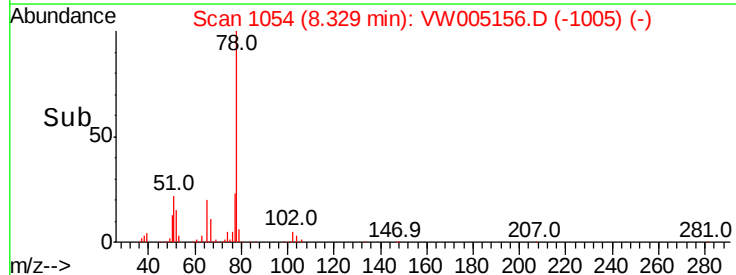
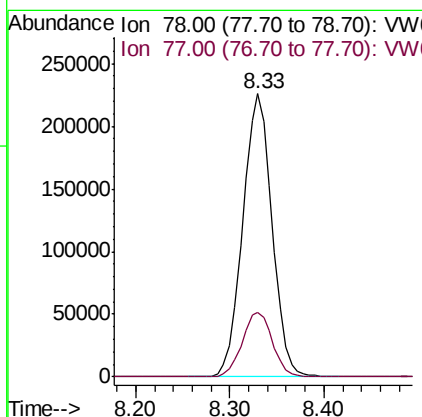
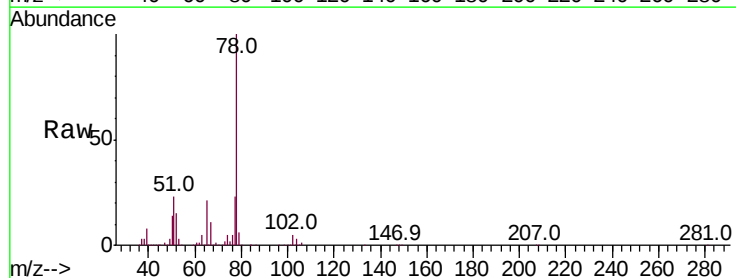
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

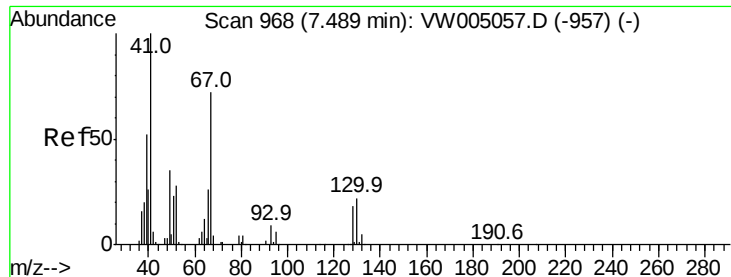
Tot Ion: 83 Resp: 205422
Ion Ratio Lower Upper
83 100
55 75.9 58.9 88.3
98 47.2 36.8 55.2



#40
Benzene
Concen: 21.241 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Tgt Ion: 78 Resp: 491514
Ion Ratio Lower Upper
78 100
77 23.0 19.4 29.0

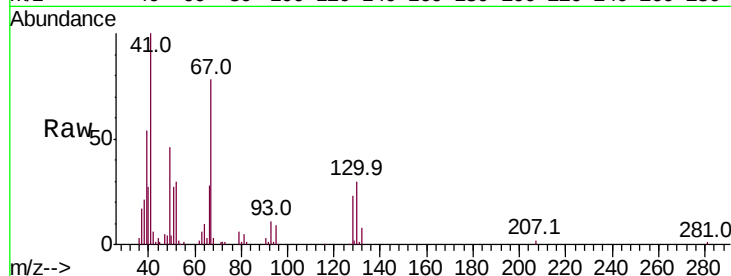




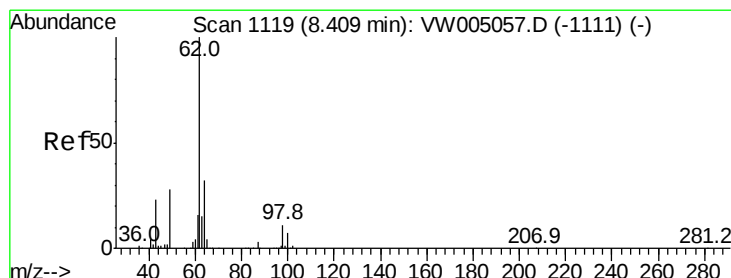
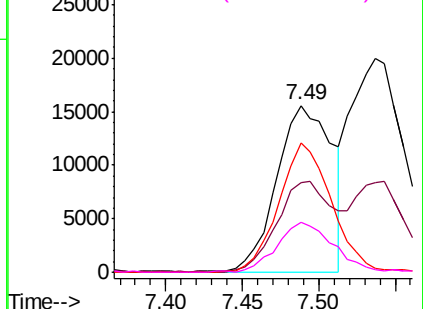
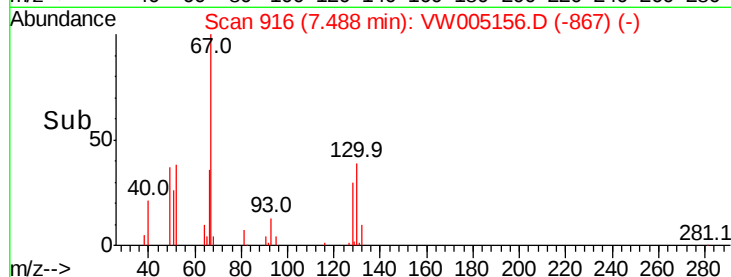
#41
Methacrylonitrile
Concen: 24.030 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

Tot Ion: 41 Resp: 39358
Ion Ratio Lower Upper
41 100
39 53.5 41.8 62.8
67 73.9 60.4 90.6
52 30.8 23.8 35.8

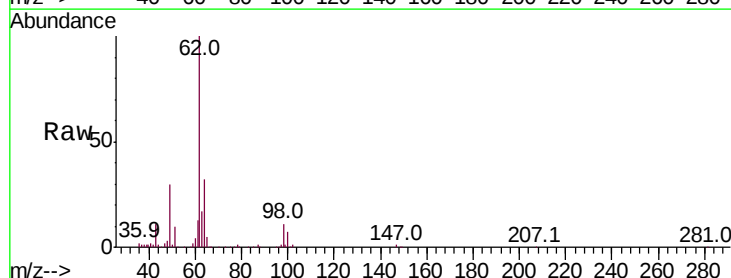


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

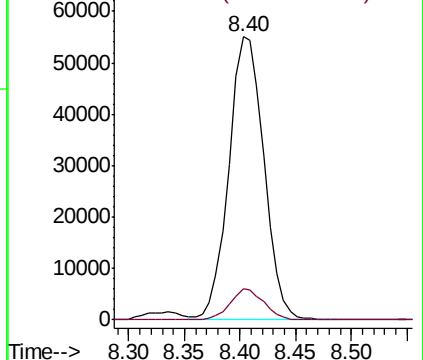
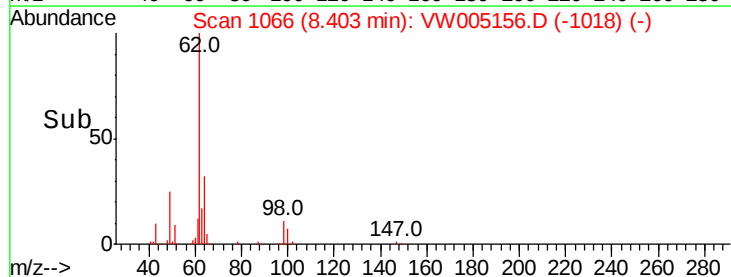


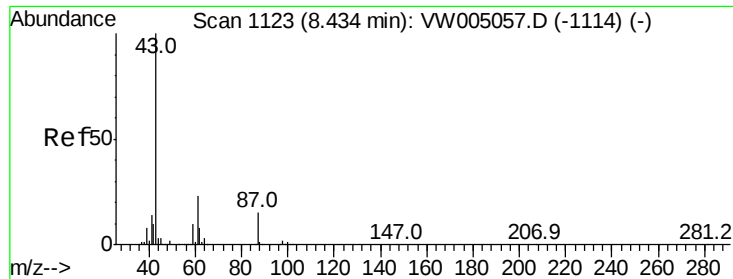
#42
1,2-Dichloroethane
Concen: 21.254 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Tgt Ion: 62 Resp: 120363
Ion Ratio Lower Upper
62 100
98 10.5 0.0 21.8



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





#43

Isopropyl Acetate

Concen: 23.908 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS01

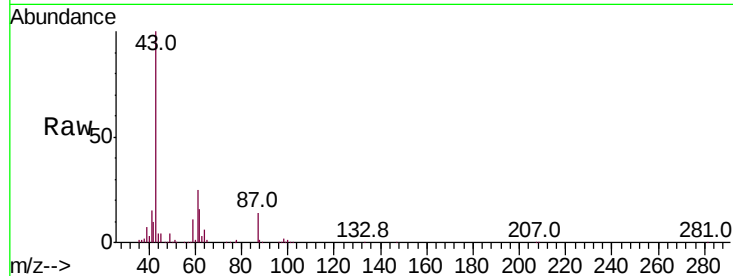
Tot Ion: 43 Resp: 122980

Ion Ratio Lower Upper

43 100

61 32.8 26.8 40.2

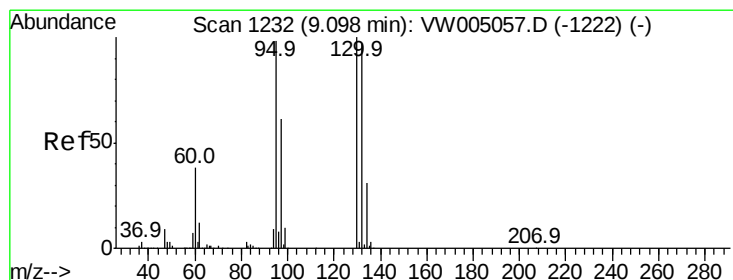
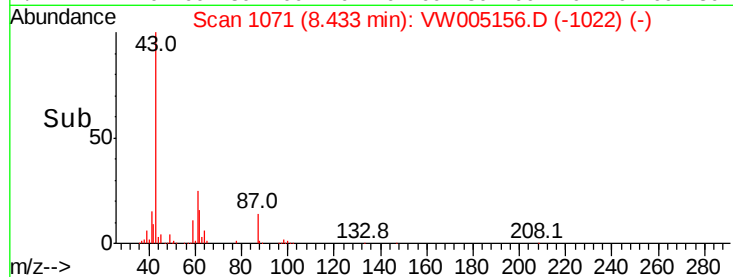
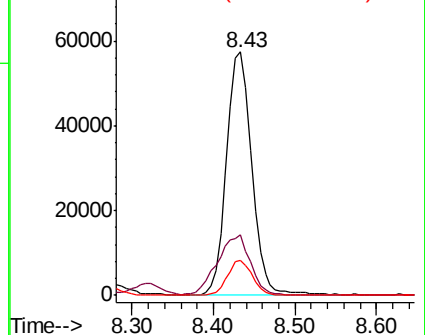
87 14.1 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 21.177 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW005156.D

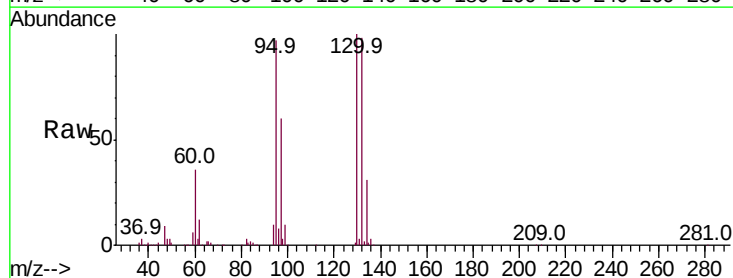
Acq: 06 Sep 2018 12:00

Tgt Ion:130 Resp: 132215

Ion Ratio Lower Upper

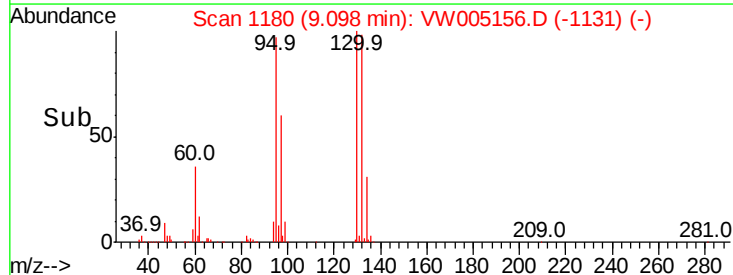
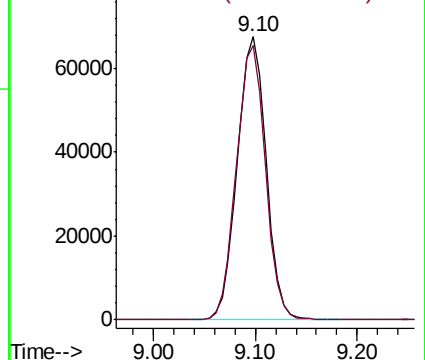
130 100

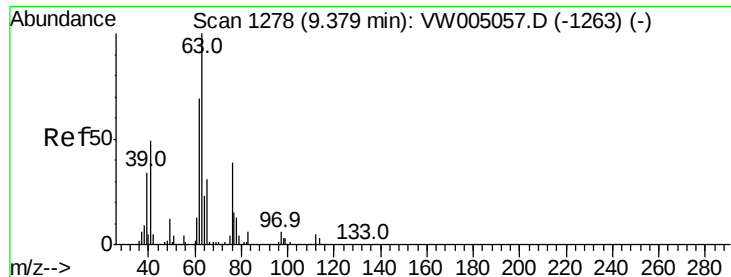
95 97.2 0.0 195.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 21.846 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.01 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Instrument :

MSVOA_W

ClientSampleId :

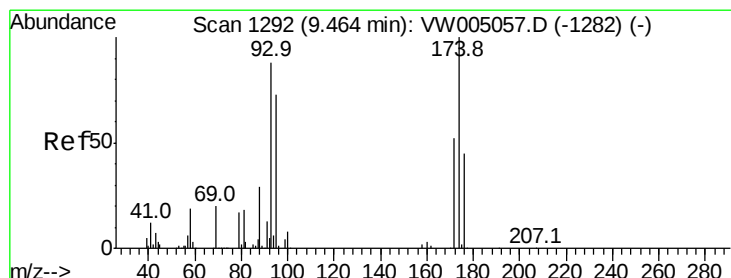
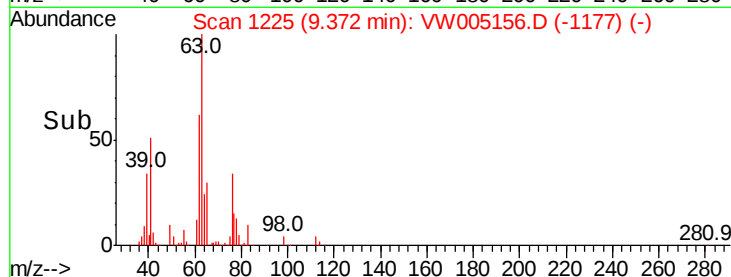
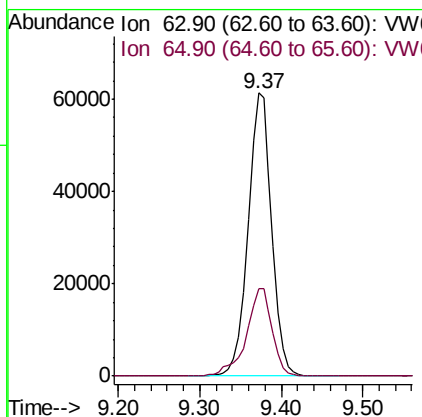
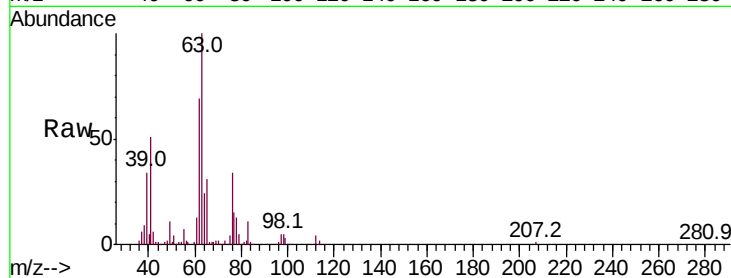
VW0906SBS01

Tot Ion: 63 Resp: 123492

Ion Ratio Lower Upper

63 100

65 30.7 24.6 37.0



#46

Dibromomethane

Concen: 20.881 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

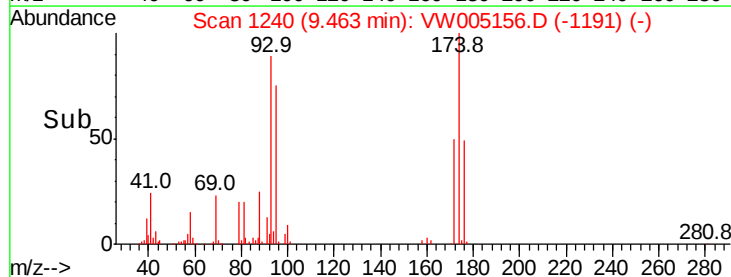
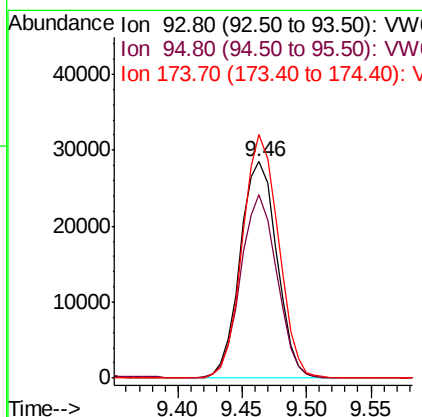
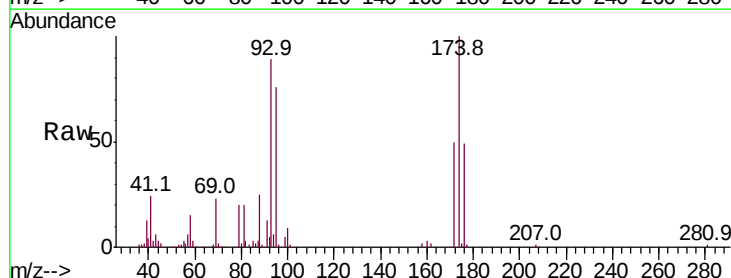
Tgt Ion: 93 Resp: 56444

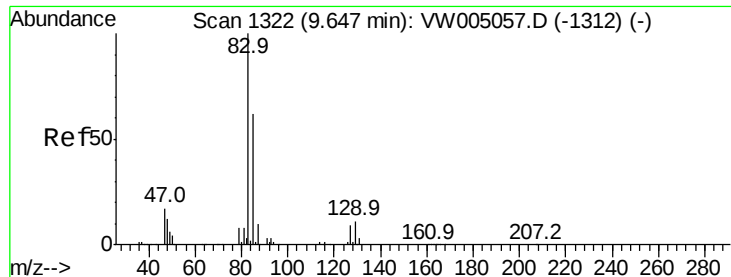
Ion Ratio Lower Upper

93 100

95 83.8 66.2 99.4

174 109.7 92.0 138.0





#47

Bromodichloromethane

Concen: 20.835 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS01

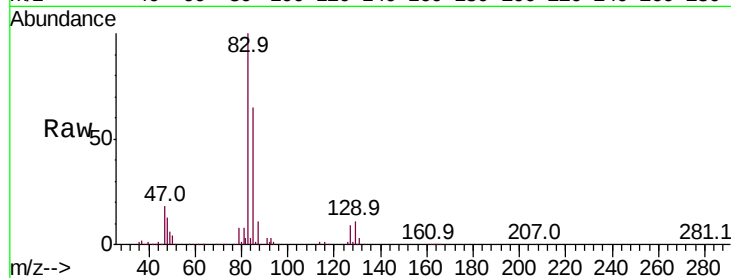
Tot Ion: 83 Resp: 141804

Ion Ratio Lower Upper

83 100

85 64.7 49.8 74.6

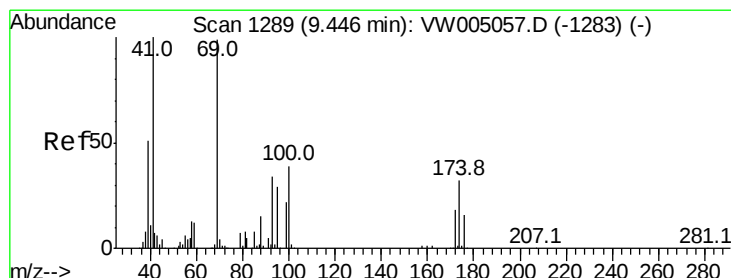
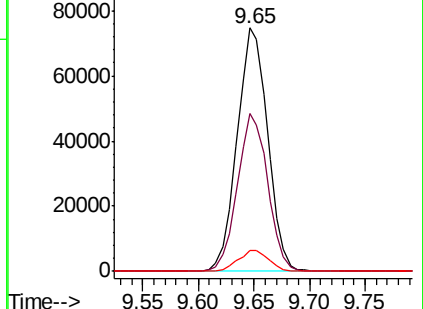
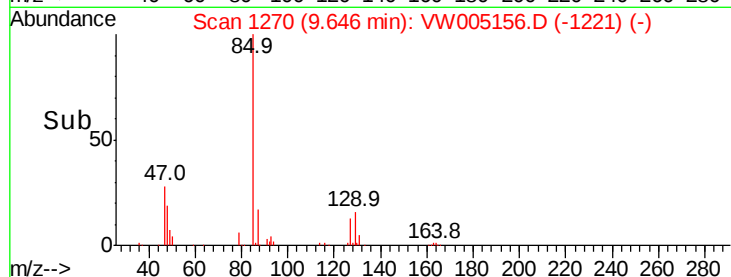
127 8.6 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 22.657 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.01 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

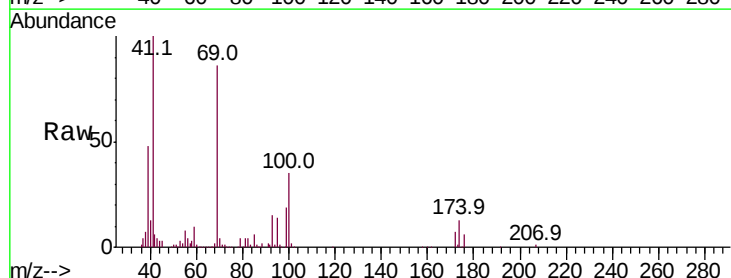
Tgt Ion: 41 Resp: 56117

Ion Ratio Lower Upper

41 100

69 97.5 80.4 120.6

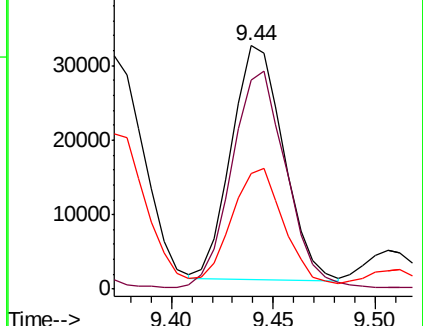
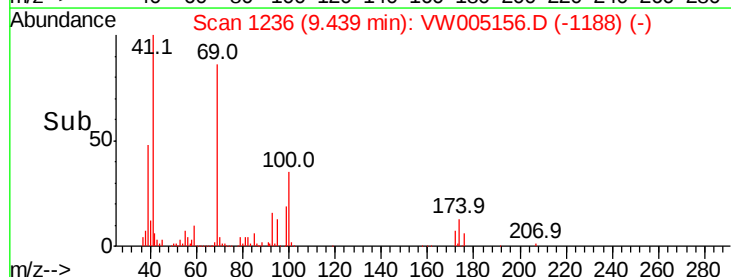
39 48.3 43.5 65.3

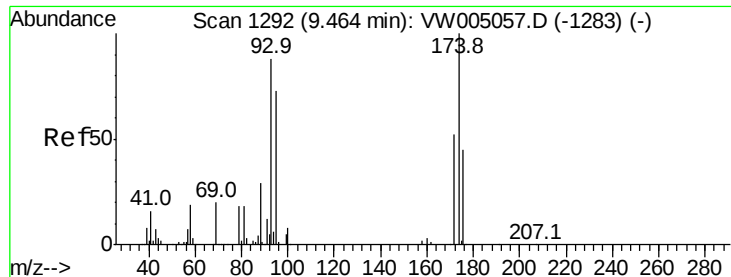


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

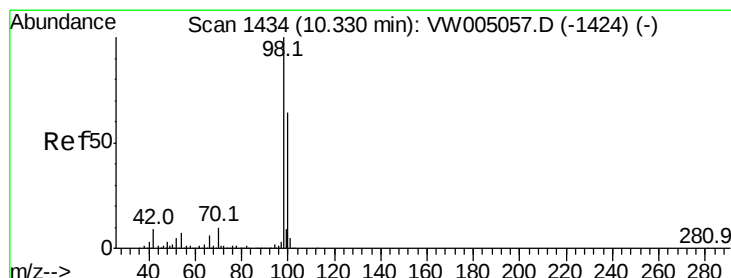
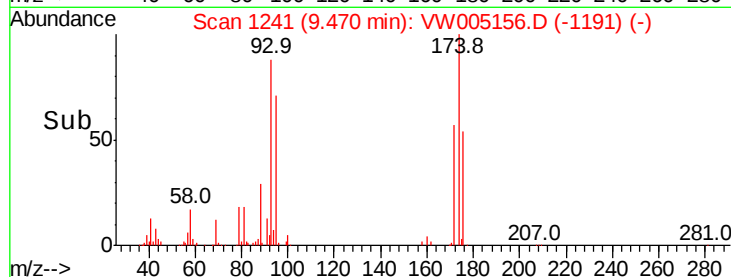
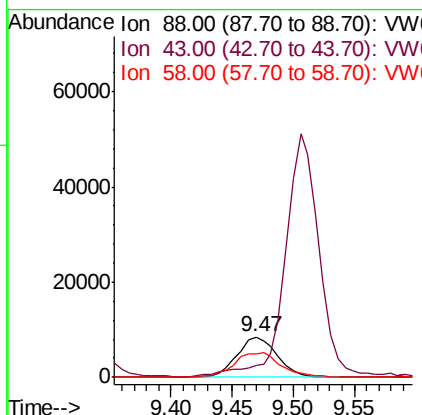
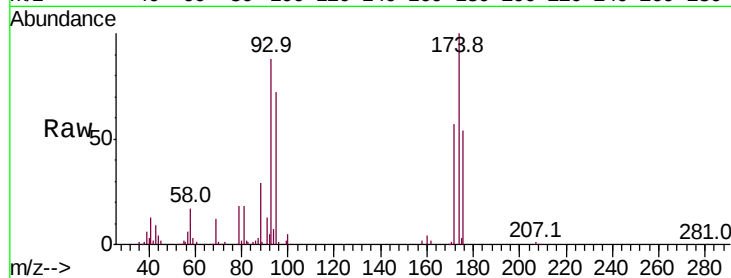




#49
1,4-Dioxane
Concen: 442.366 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

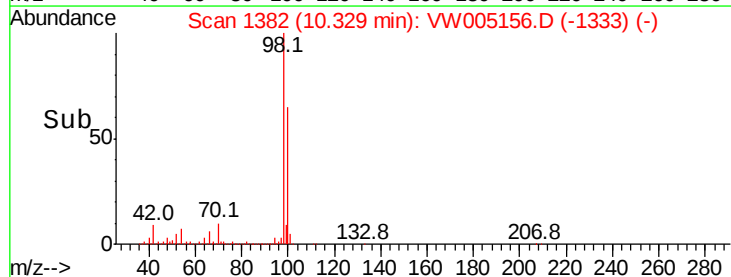
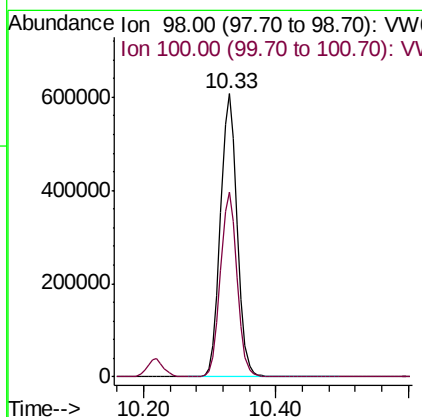
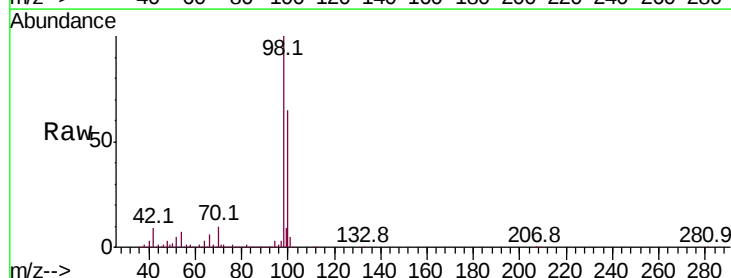
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

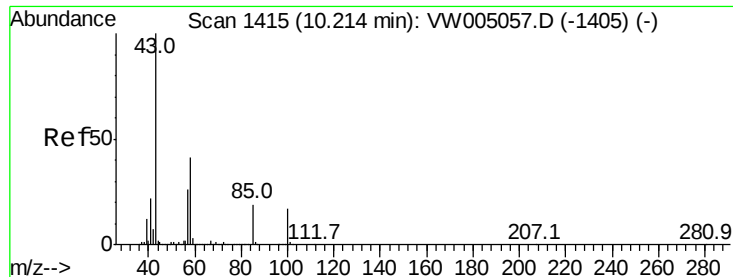
Tot Ion: 88 Resp: 19337
Ion Ratio Lower Upper
88 100
43 0.0 19.8 29.6#
58 72.5 57.1 85.7



#50
Toluene-d8
Concen: 49.931 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Tgt Ion: 98 Resp: 1055197
Ion Ratio Lower Upper
98 100
100 65.3 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 119.969 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Instrument :

MSVOA_W

ClientSampled :

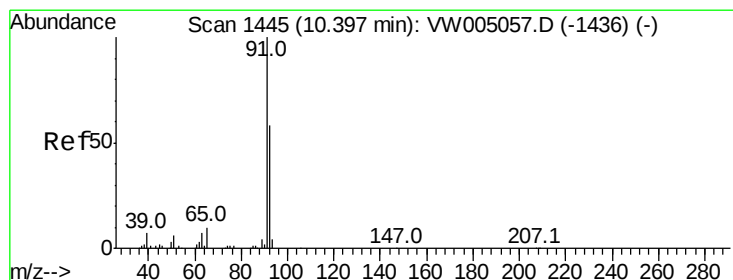
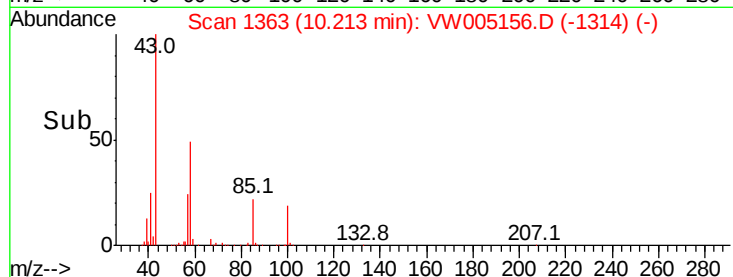
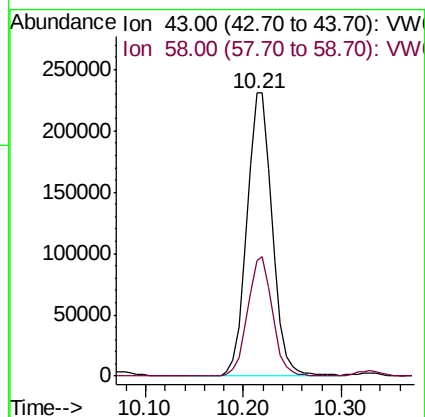
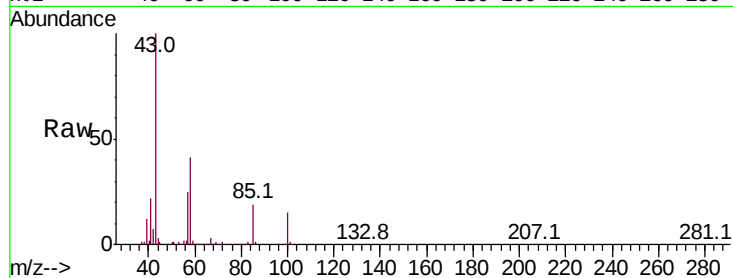
VW0906SBS01

Tot Ion: 43 Resp: 413580

Ion Ratio Lower Upper

43 100

58 41.4 33.3 49.9



#52

Toluene

Concen: 21.376 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW005156.D

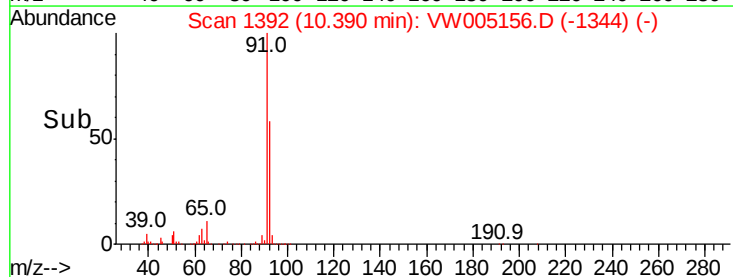
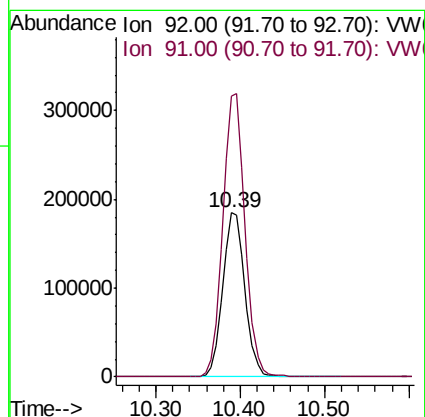
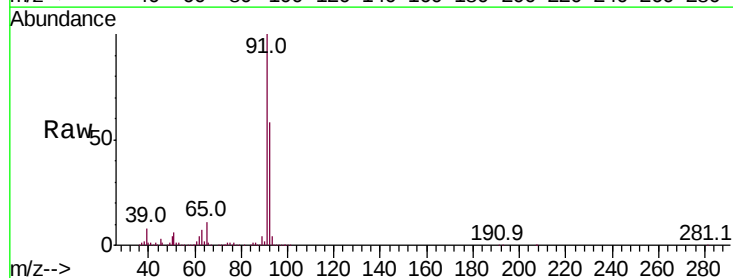
Acq: 06 Sep 2018 12:00

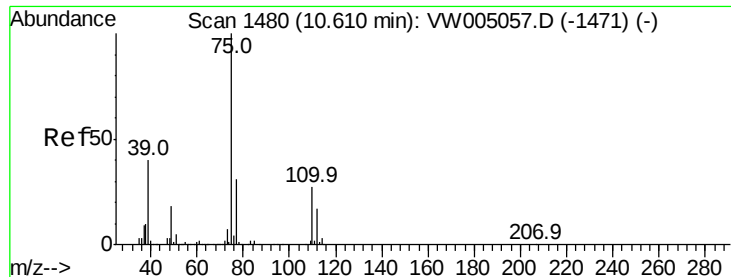
Tgt Ion: 92 Resp: 335154

Ion Ratio Lower Upper

92 100

91 172.5 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 21.944 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Instrument :

MSVOA_W

ClientSampleId :

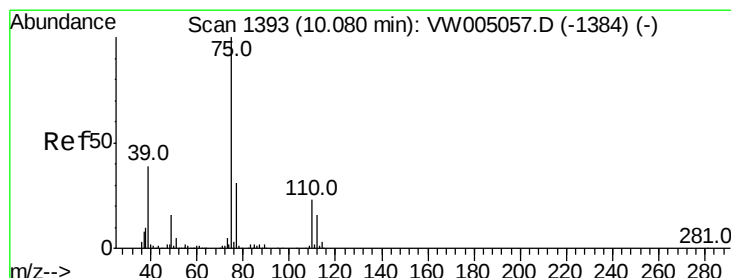
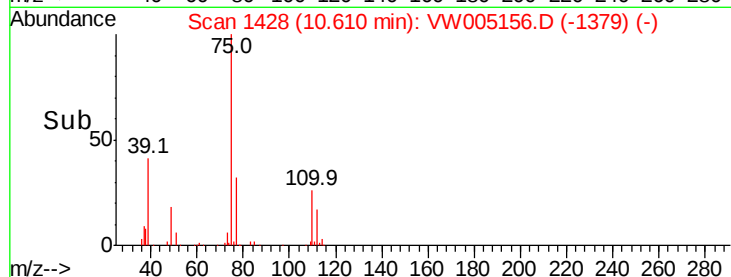
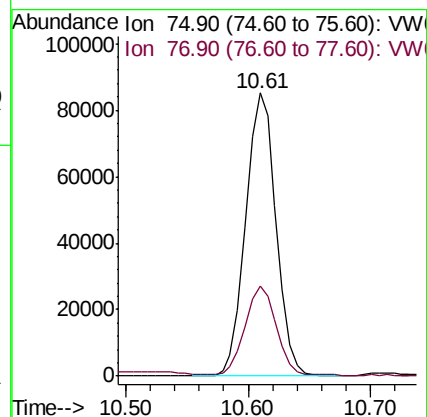
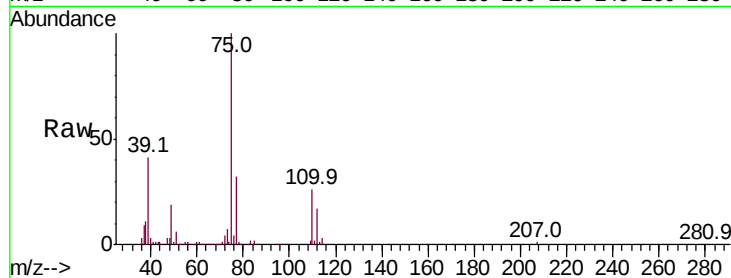
VW0906SBS01

Tot Ion: 75 Resp: 146761

Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 22.335 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

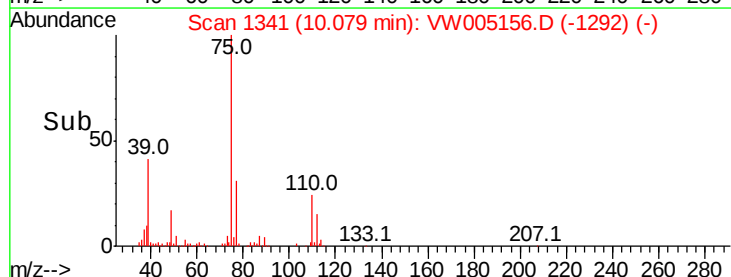
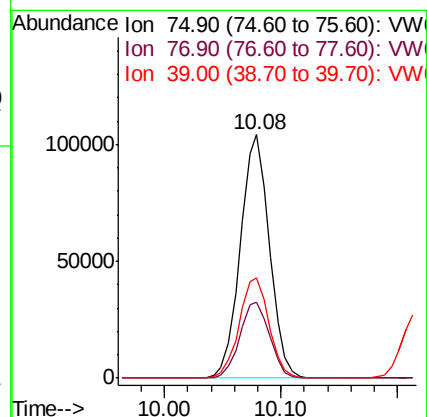
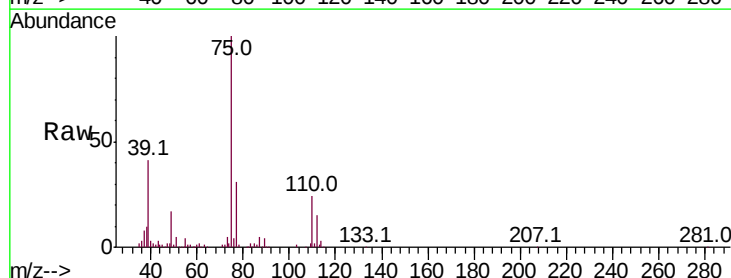
Tgt Ion: 75 Resp: 181659

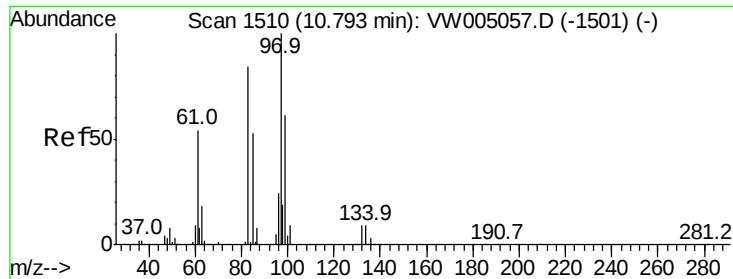
Ion Ratio Lower Upper

75 100

77 31.3 24.9 37.3

39 41.3 31.0 46.6

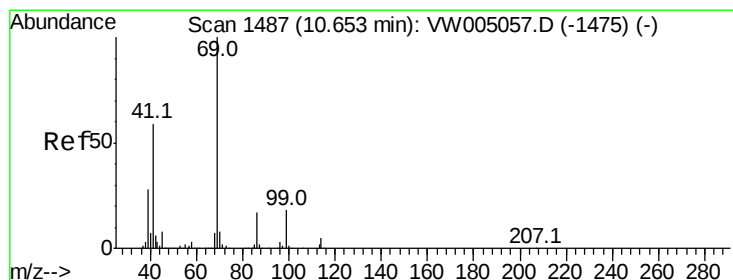
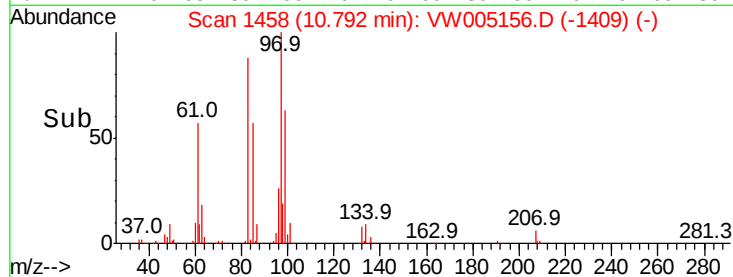
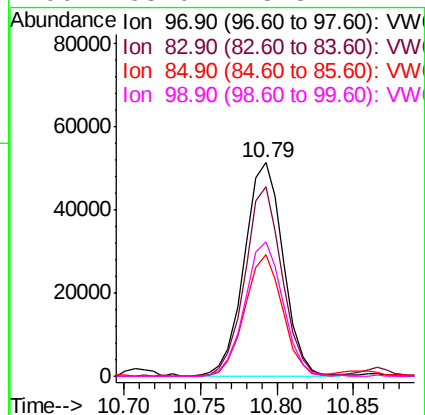
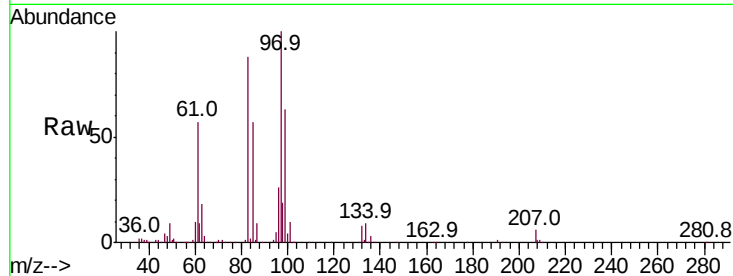




#55
 1,1,2-Trichloroethane
 Concen: 21.675 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005156.D
 Acq: 06 Sep 2018 12:00

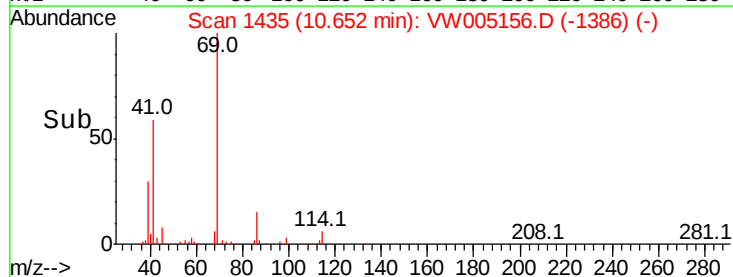
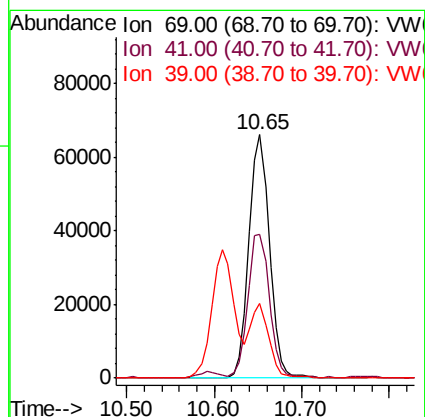
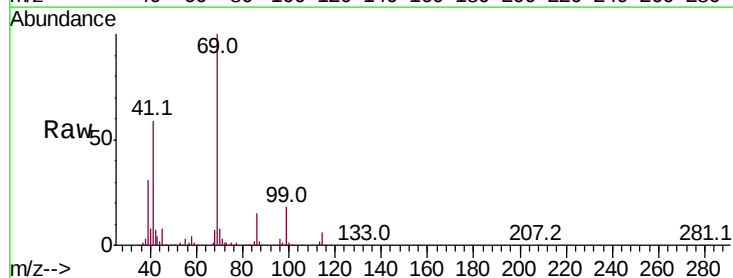
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS01

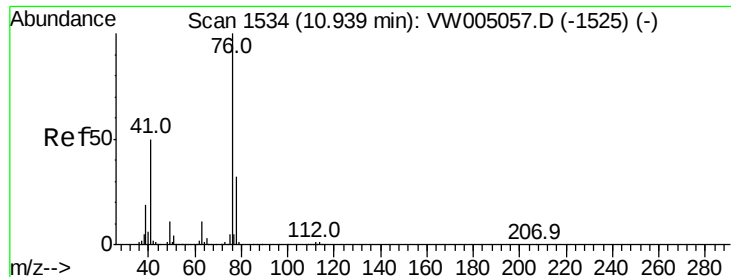
Tot Ion:	97	Resp:	90713
Ion	Ratio	Lower	Upper
97	100		
83	88.4	67.0	100.6
85	56.9	42.3	63.5
99	63.0	48.5	72.7



#56
 Ethyl methacrylate
 Concen: 22.699 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005156.D
 Acq: 06 Sep 2018 12:00

Tgt Ion:	69	Resp:	108379
Ion	Ratio	Lower	Upper
69	100		
41	61.2	47.8	71.6
39	26.7	21.1	31.7





#57

1,3-Dichloropropane

Concen: 22.019 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Instrument :

MSVOA_W

ClientSampleId :

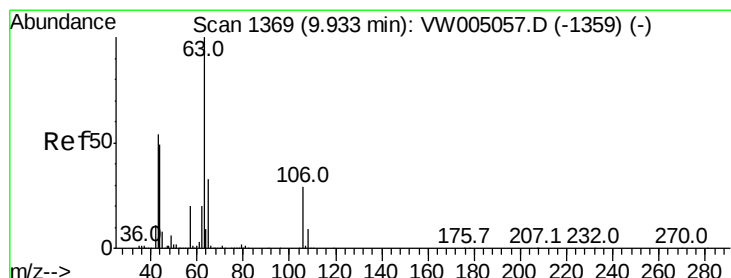
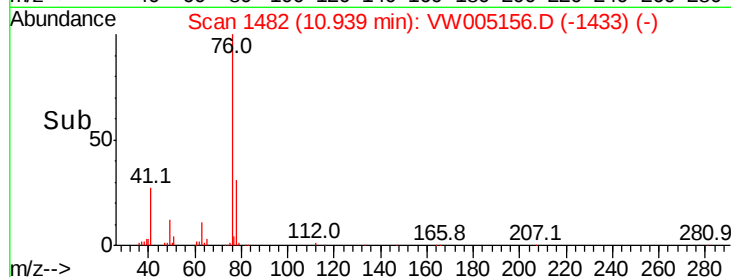
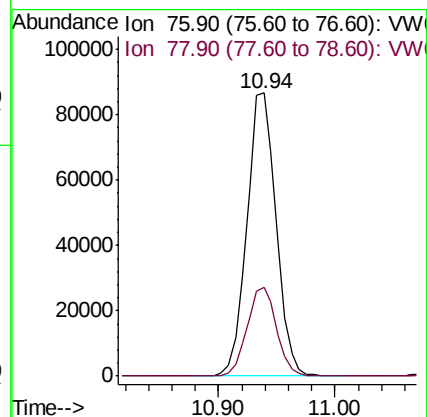
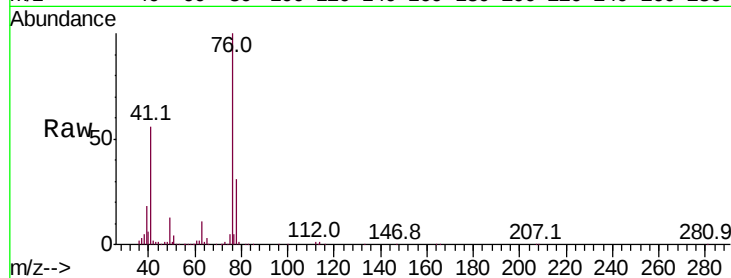
VW0906SBS01

Tot Ion: 76 Resp: 151711

Ion Ratio Lower Upper

76 100

78 31.6 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 112.590 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VW005156.D

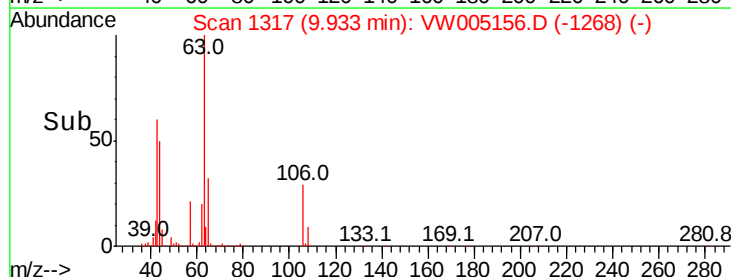
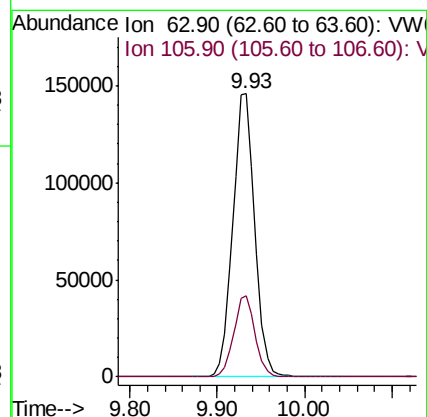
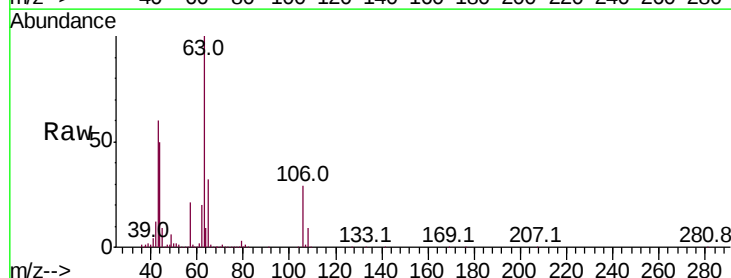
Acq: 06 Sep 2018 12:00

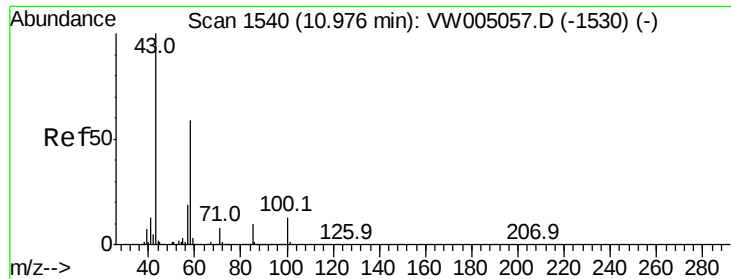
Tgt Ion: 63 Resp: 254733

Ion Ratio Lower Upper

63 100

106 27.9 23.1 34.7

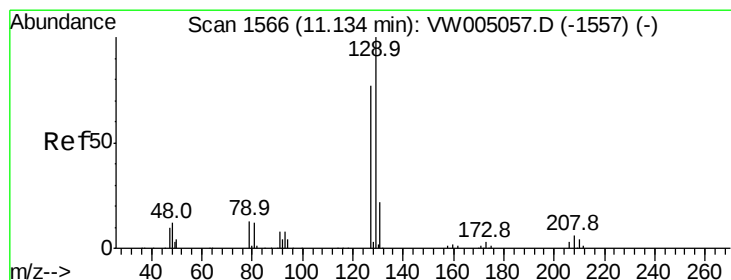
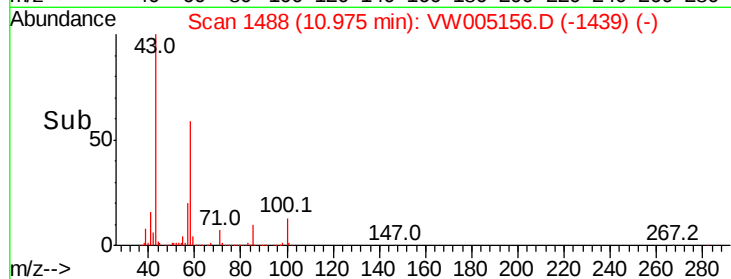
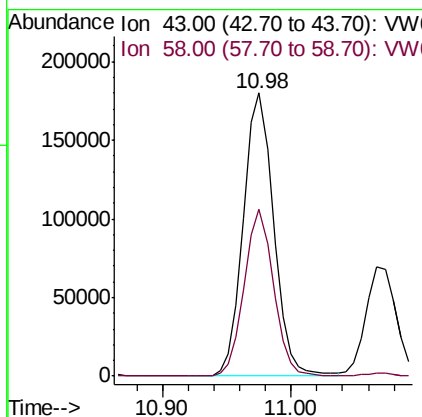
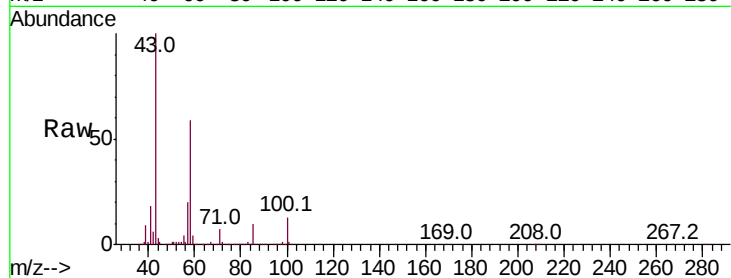




#59
2-Hexanone
Concen: 125.705 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

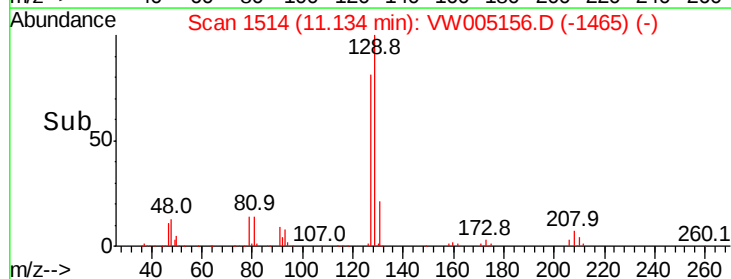
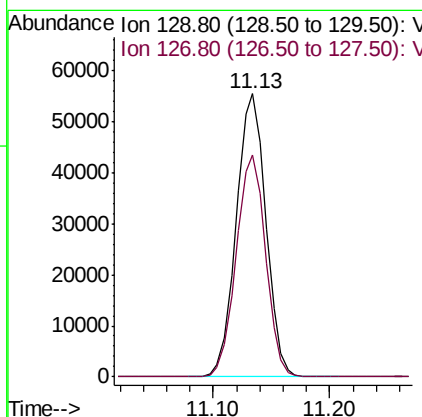
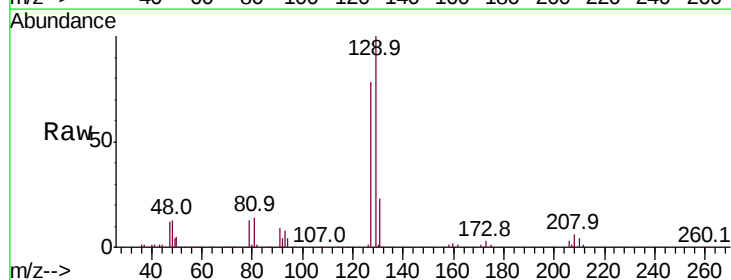
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

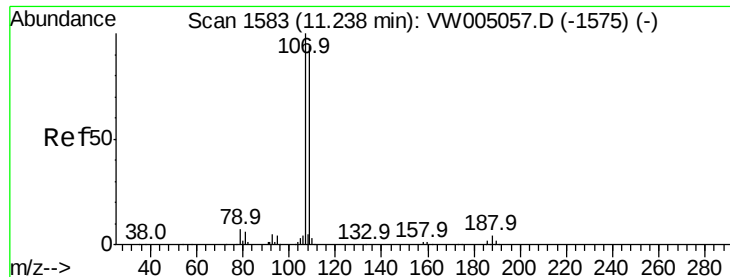
Tot Ion: 43 Resp: 293103
Ion Ratio Lower Upper
43 100
58 57.1 28.7 86.3



#60
Dibromochloromethane
Concen: 20.796 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Tgt Ion: 129 Resp: 98392
Ion Ratio Lower Upper
129 100
127 78.1 38.9 116.7

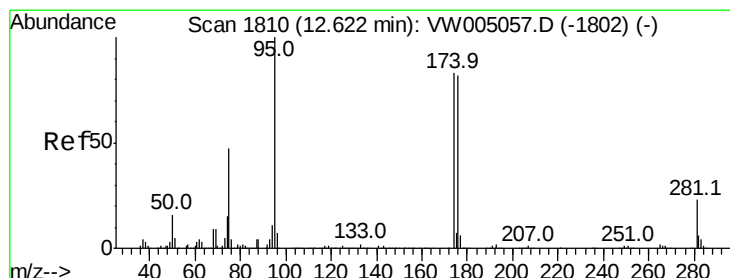
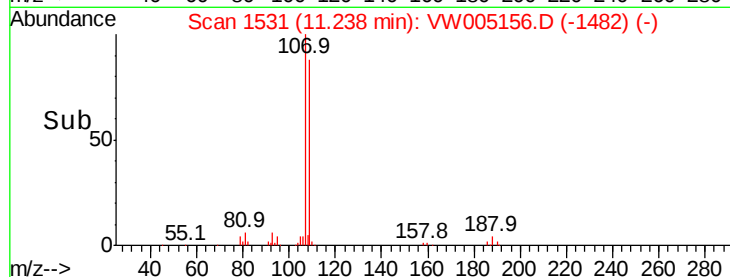
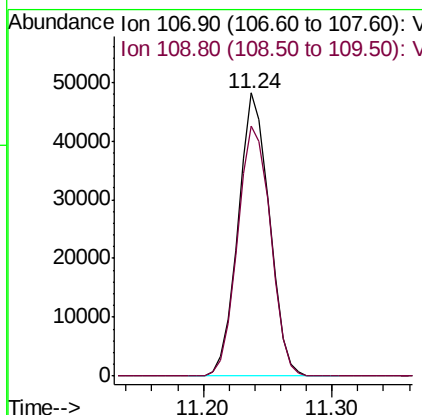
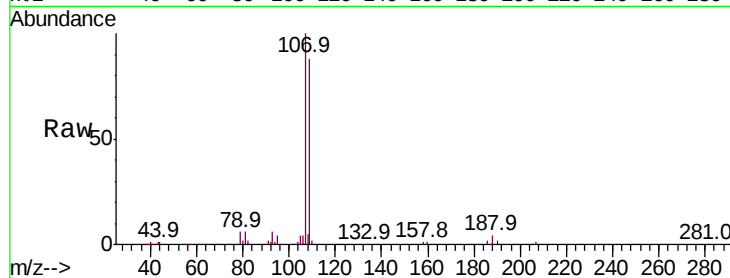




#61
 1,2-Dibromoethane
 Concen: 21.373 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005156.D
 Acq: 06 Sep 2018 12:00

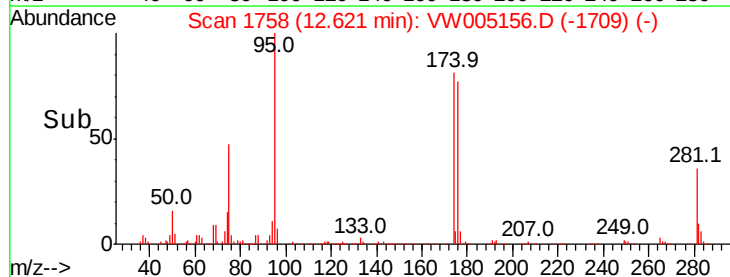
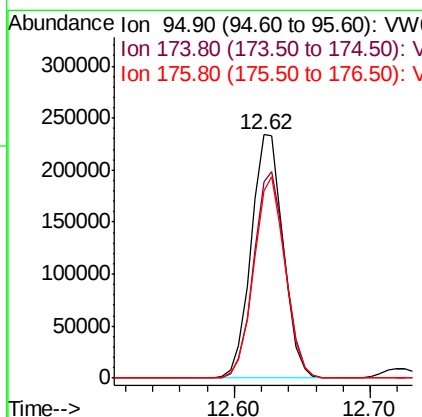
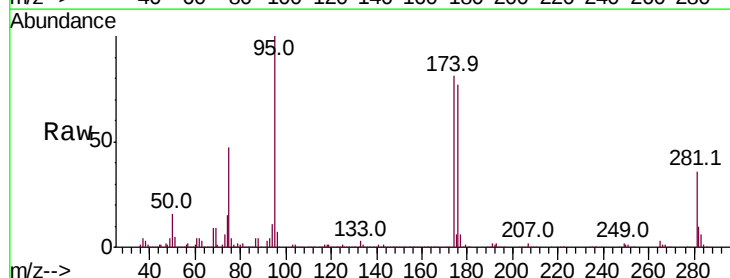
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS01

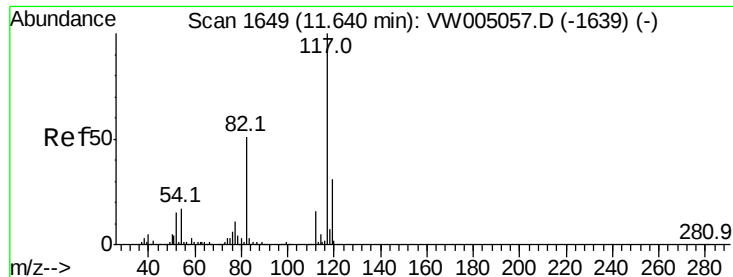
Tot Ion:107 Resp: 80757
 Ion Ratio Lower Upper
 107 100
 109 93.1 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 51.925 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005156.D
 Acq: 06 Sep 2018 12:00

Tgt Ion: 95 Resp: 386934
 Ion Ratio Lower Upper
 95 100
 174 83.9 0.0 173.4
 176 80.7 0.0 167.4

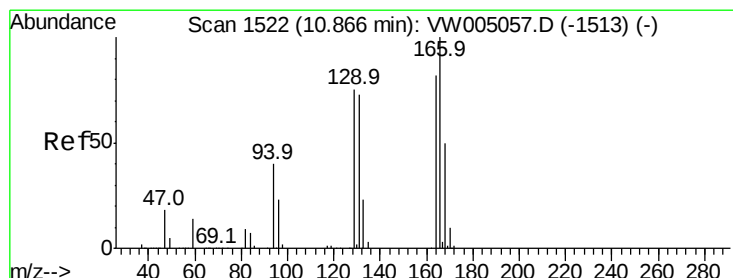
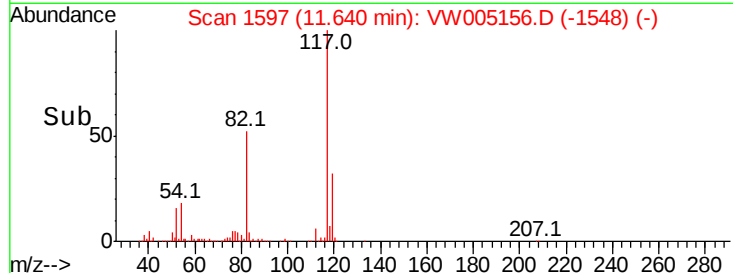
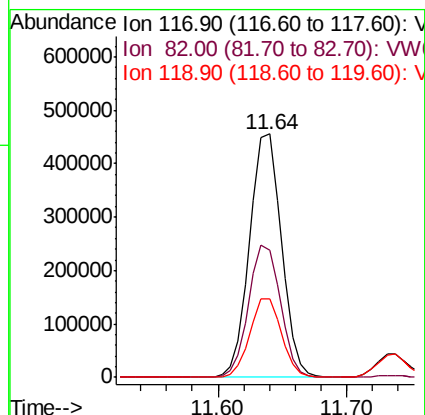
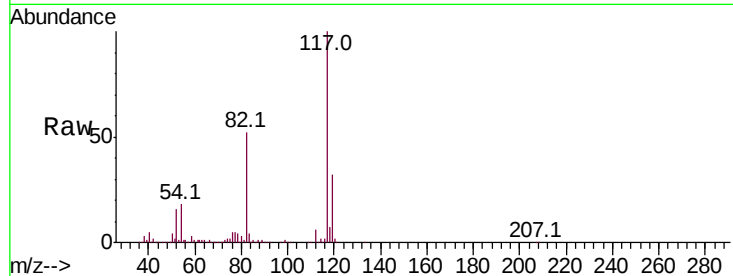




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

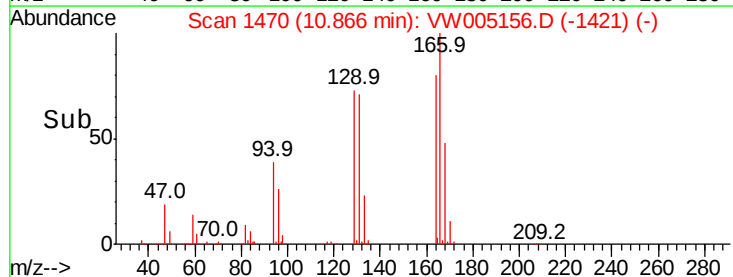
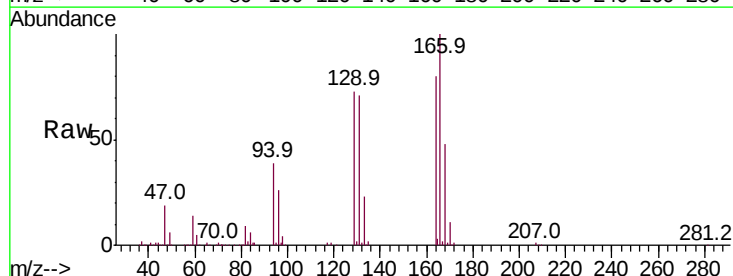
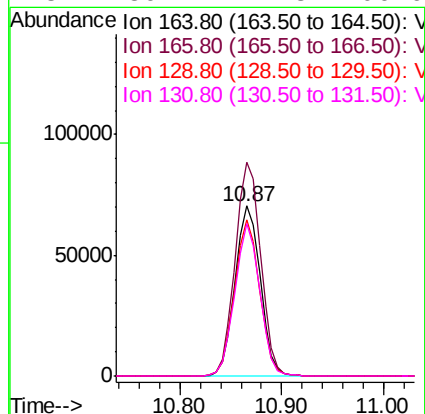
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

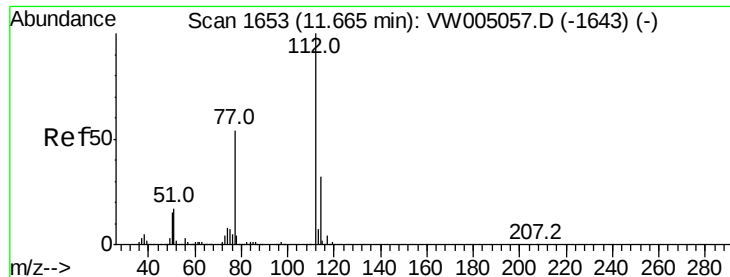
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	40.9	61.3
119	32.1	24.9	37.3



#64
Tetrachloroethene
Concen: 19.580 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.7	97.3	145.9
129	92.3	73.1	109.7
131	89.4	71.3	106.9

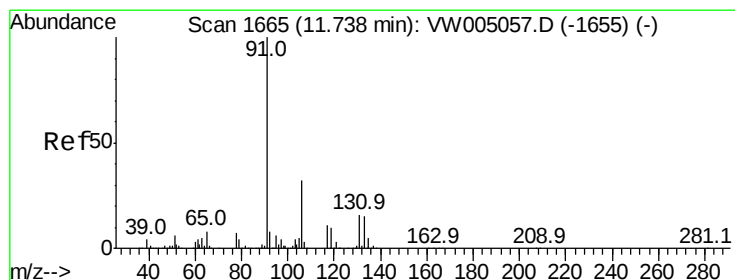
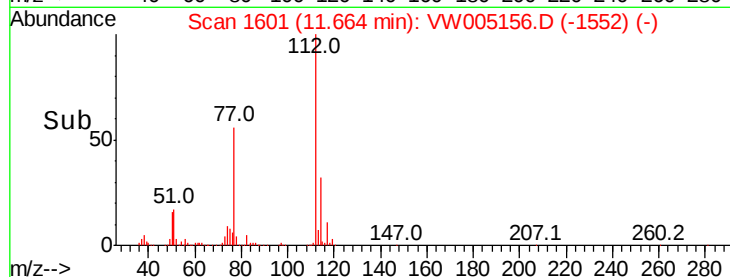
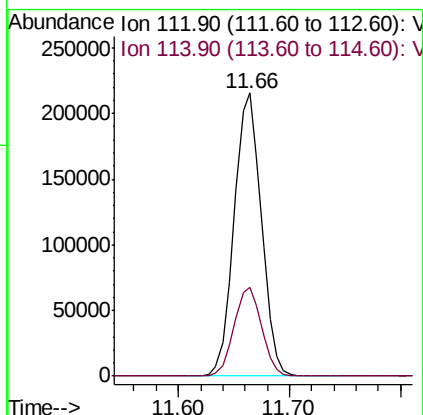
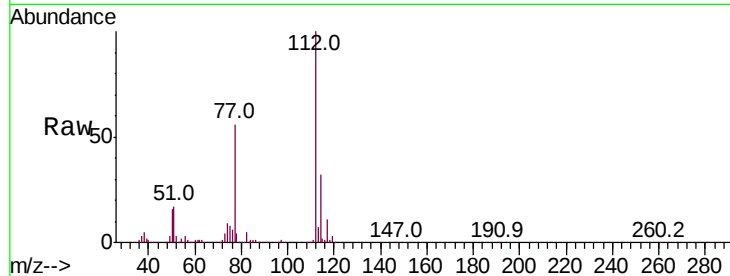




#65
Chlorobenzene
Concen: 20.702 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

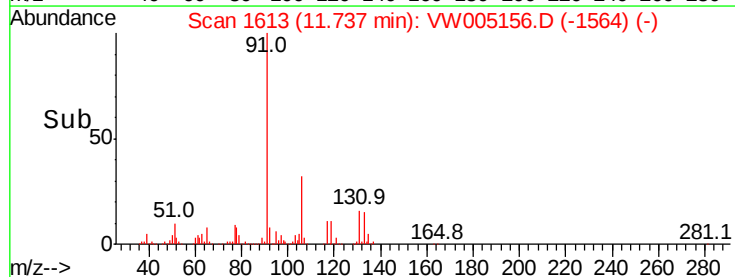
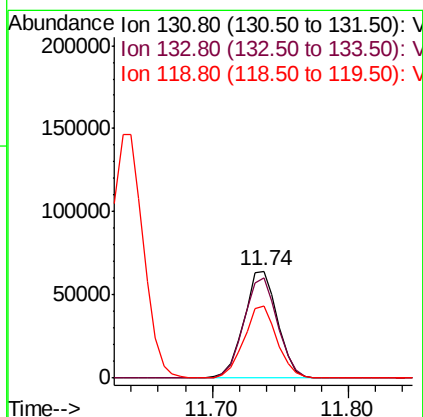
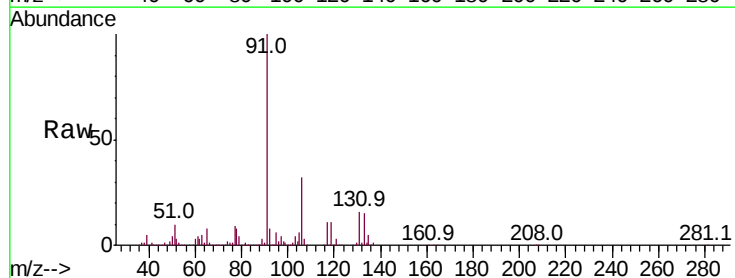
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

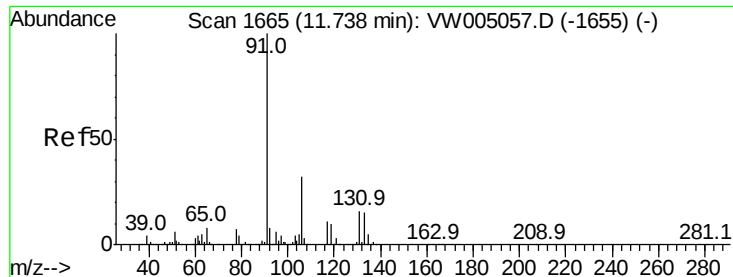
Tot Ion:112 Resp: 363901
Ion Ratio Lower Upper
112 100
114 31.6 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.637 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Tgt Ion:131 Resp: 110856
Ion Ratio Lower Upper
131 100
133 94.9 47.4 142.3
119 66.6 33.4 100.1

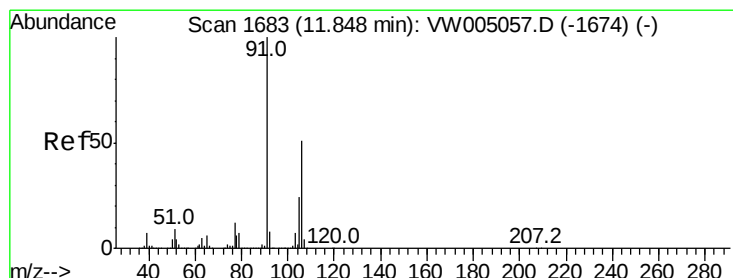
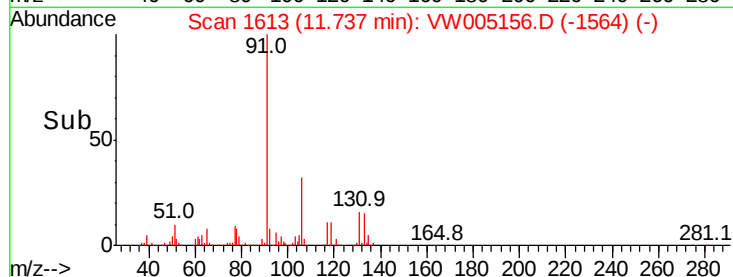
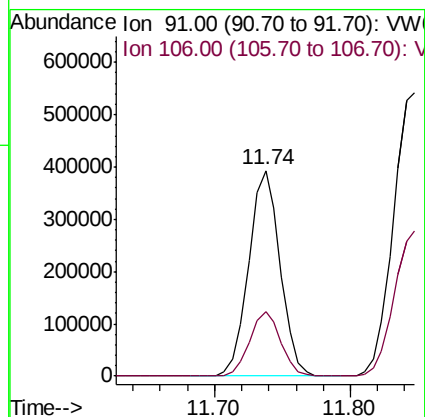
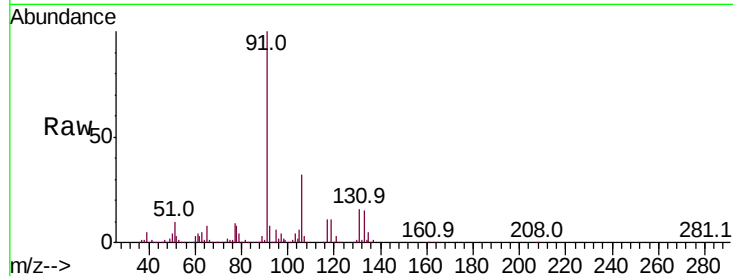




#67
Ethyl Benzene
Concen: 21.391 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

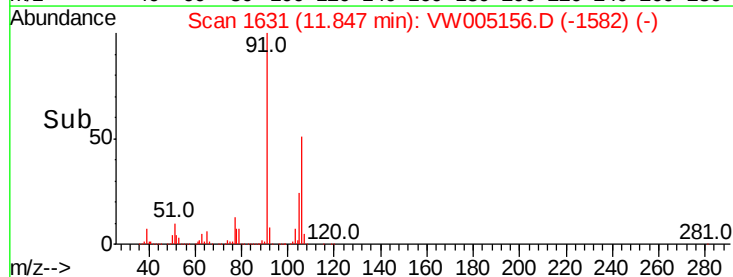
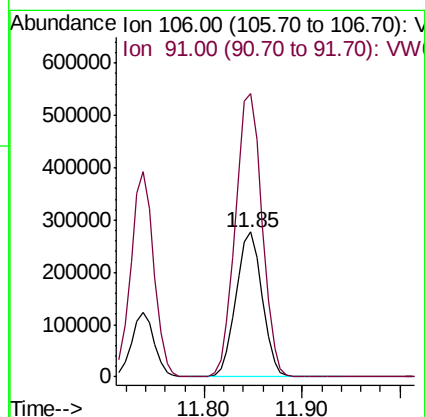
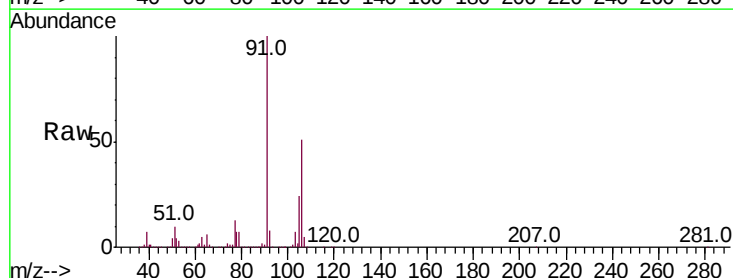
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

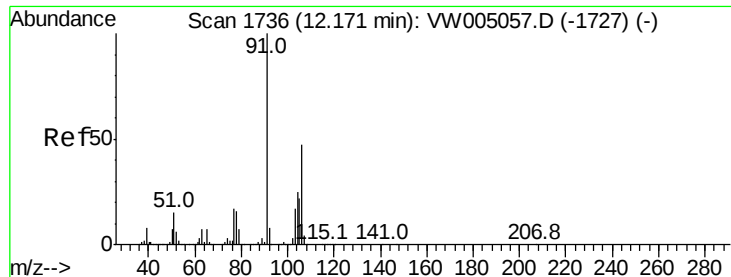
Tot Ion: 91 Resp: 635660
Ion Ratio Lower Upper
91 100
106 31.5 25.3 37.9



#68
m/p-Xylenes
Concen: 43.439 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Tgt Ion: 106 Resp: 516848
Ion Ratio Lower Upper
106 100
91 198.8 158.4 237.6

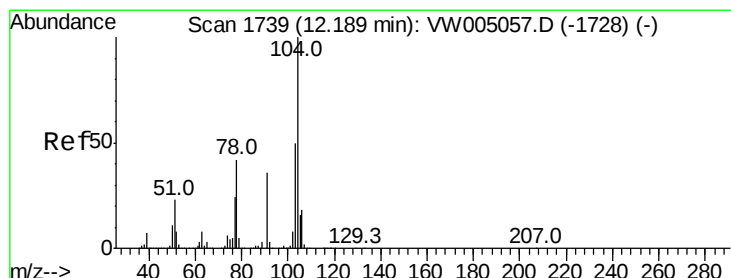
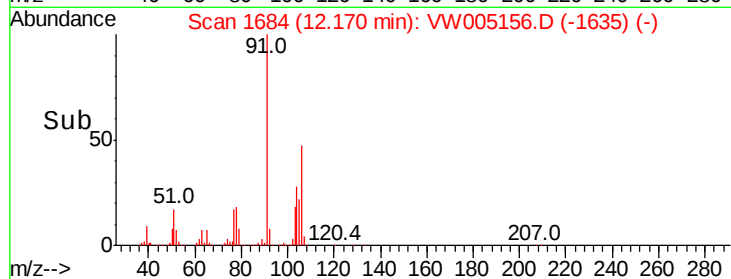
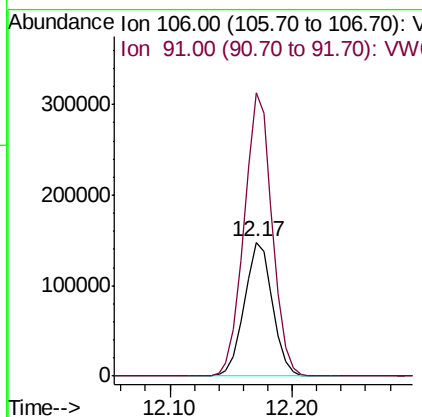
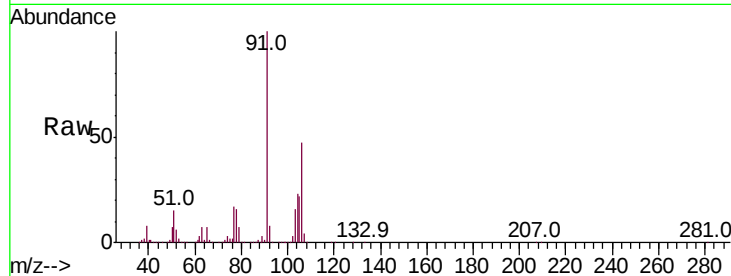




#69
o-Xylene
Concen: 21.387 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

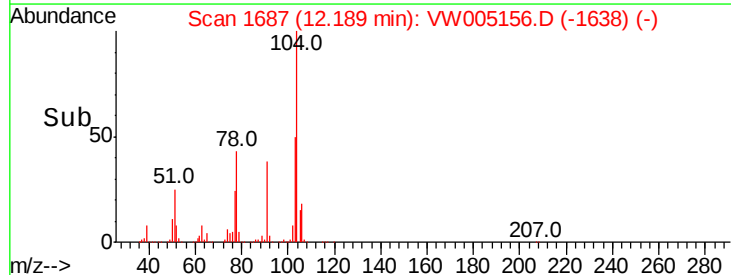
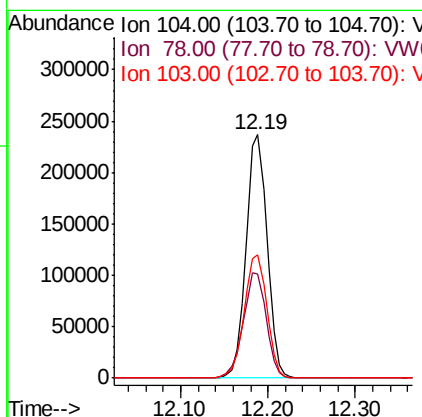
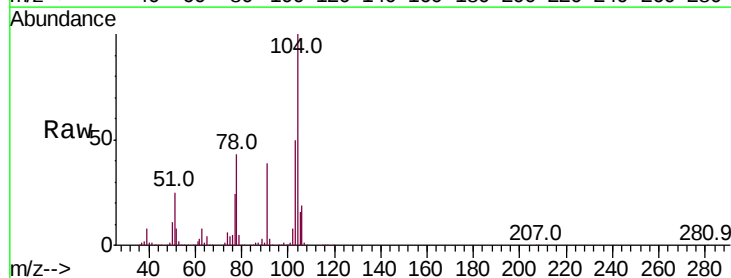
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

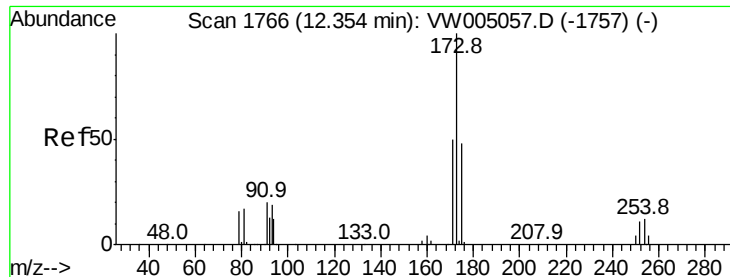
Tot Ion:106 Resp: 235276
Ion Ratio Lower Upper
106 100
91 211.2 105.6 316.8



#70
Styrene
Concen: 21.684 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Tgt Ion:104 Resp: 394027
Ion Ratio Lower Upper
104 100
78 47.4 37.8 56.6
103 54.6 44.1 66.1

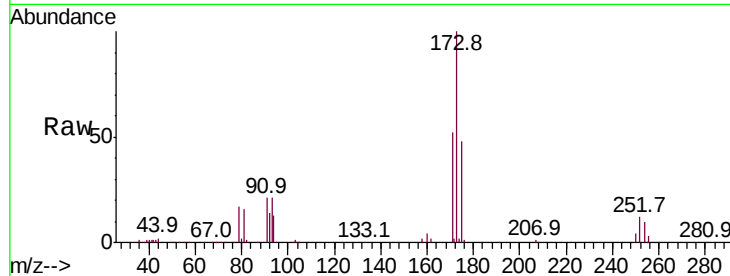




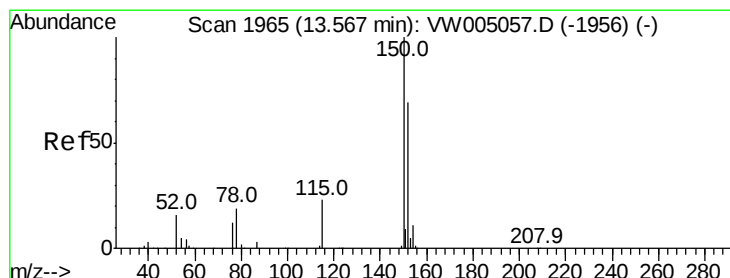
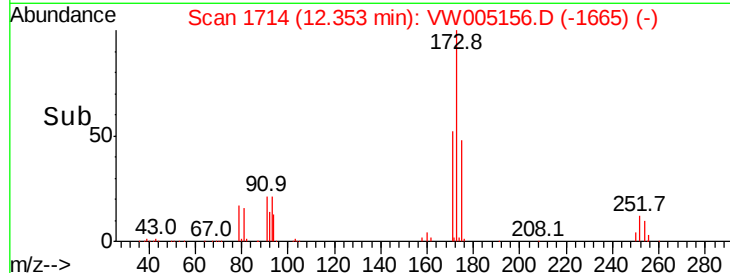
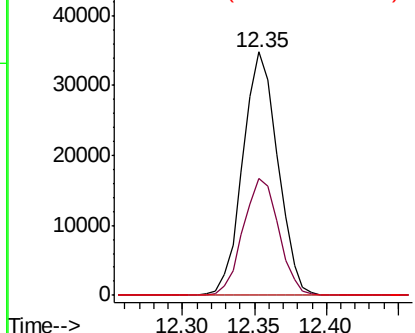
#71
Bromoform
Concen: 20.542 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

Tot Ion:173 Resp: 58484
Ion Ratio Lower Upper
173 100
175 48.7 24.1 72.2
254 0.2 0.2 0.2

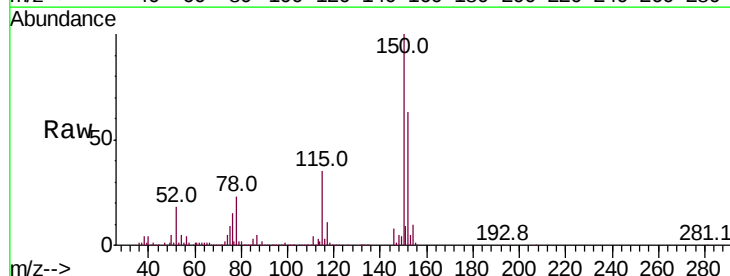


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

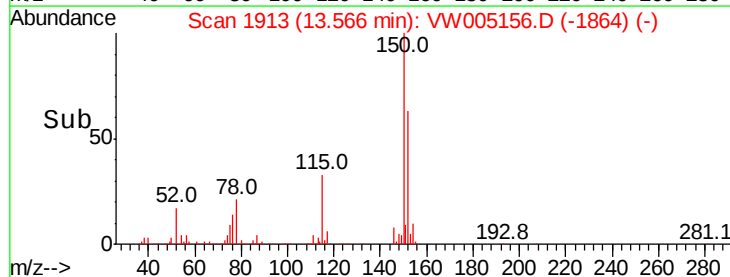
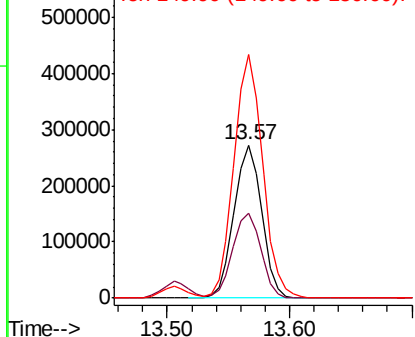


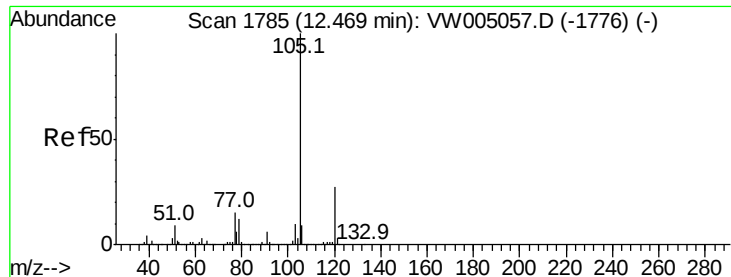
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Tgt Ion:152 Resp: 425463
Ion Ratio Lower Upper
152 100
115 56.9 27.8 83.4
150 165.6 0.0 351.4



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





#73

Isopropylbenzene

Concen: 21.393 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Instrument :

MSVOA_W

ClientSampleId :

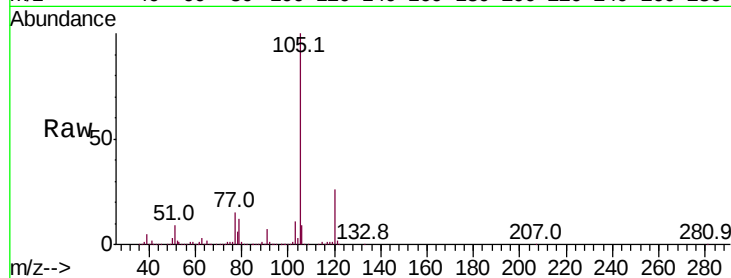
VW0906SBS01

Tot Ion:105 Resp: 641797

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

400000

300000

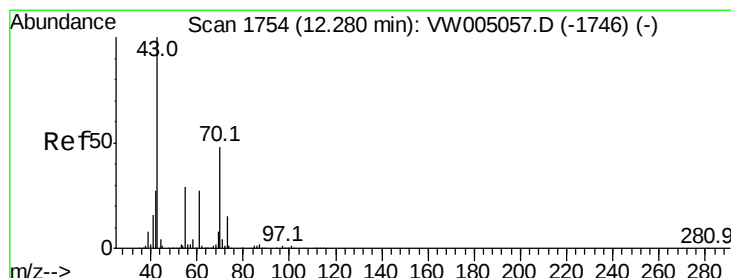
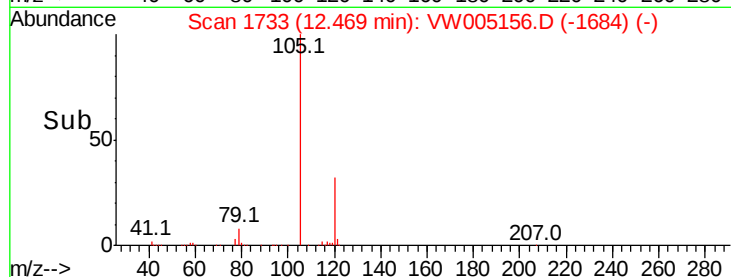
200000

100000

0

Time-->

12.40 12.50



#74

N-ethyl acetate

Concen: 23.604 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Tgt Ion: 43 Resp: 121926

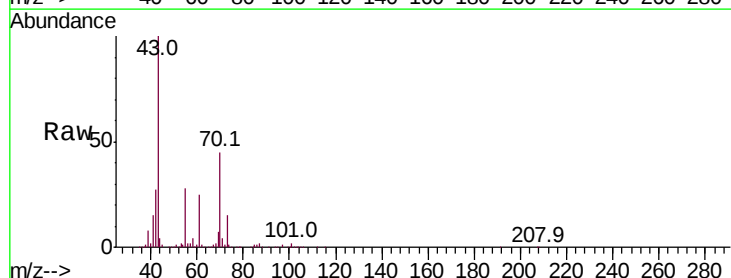
Ion Ratio Lower Upper

43 100

70 45.8 38.2 57.4

55 29.3 23.2 34.8

61 25.6 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

120000

100000

80000

60000

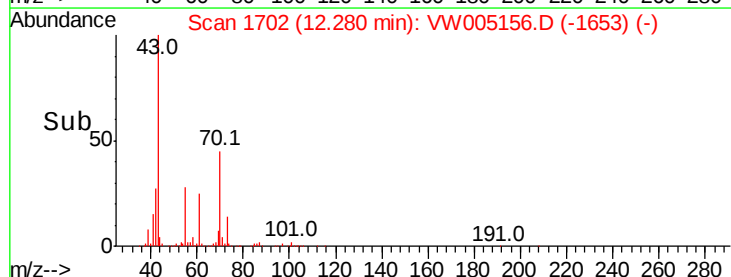
40000

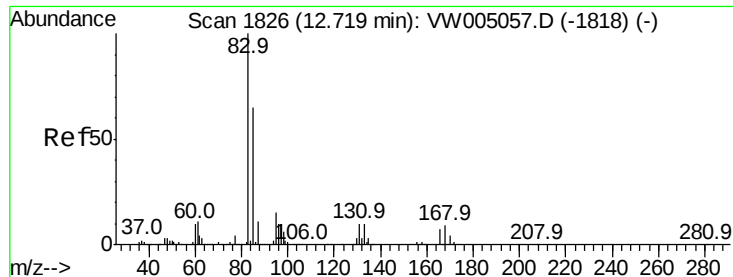
20000

0

Time-->

12.20 12.30





#75

1,1,2,2-Tetrachloroethane

Concen: 22.098 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS01

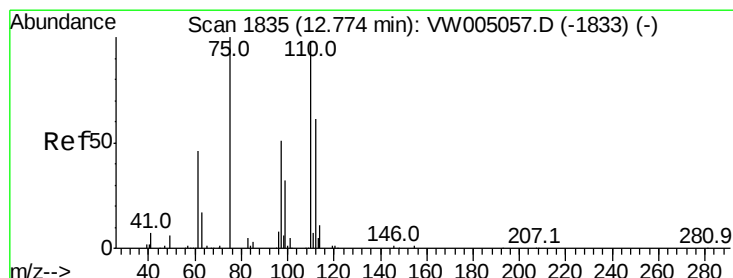
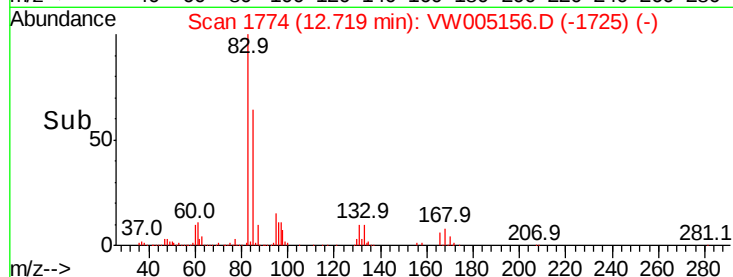
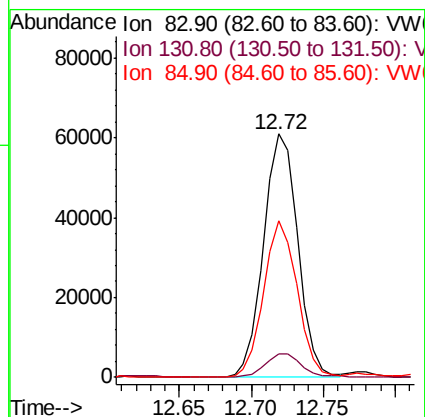
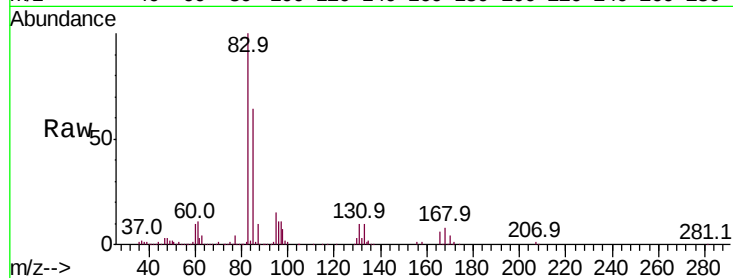
Tot Ion: 83 Resp: 100922

Ion Ratio Lower Upper

83 100

131 10.4 5.5 16.4

85 62.8 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 41.134 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005156.D

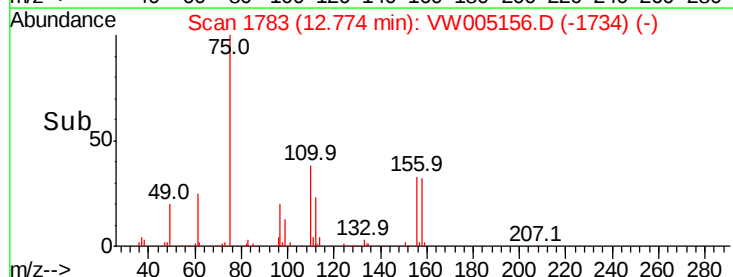
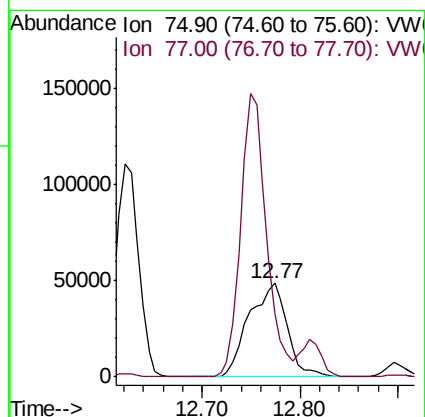
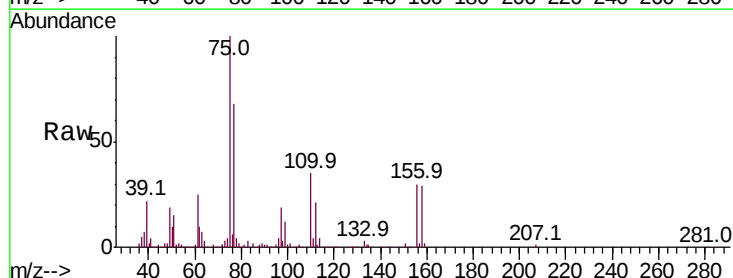
Acq: 06 Sep 2018 12:00

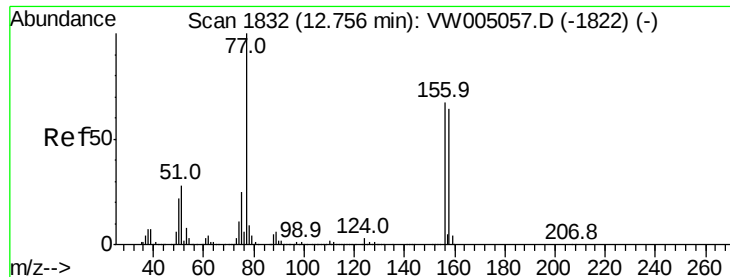
Tgt Ion: 75 Resp: 131367

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

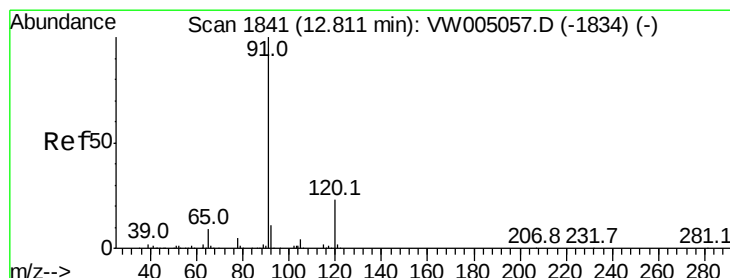
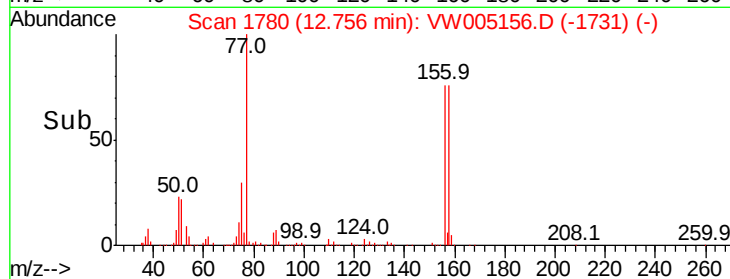
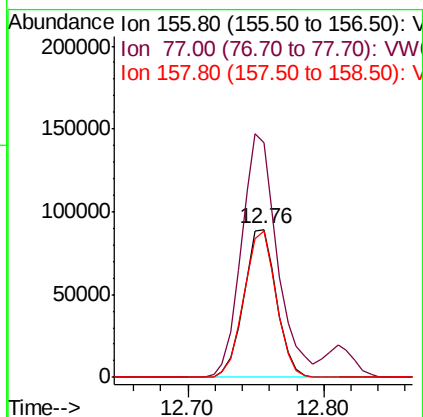
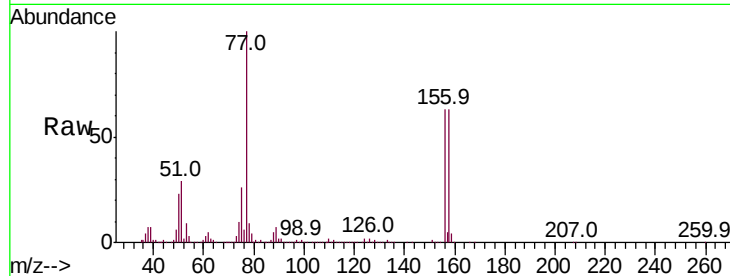




#77
Bromobenzene
Concen: 20.192 ug/l
RT: 12.76 min Scan# 1780
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

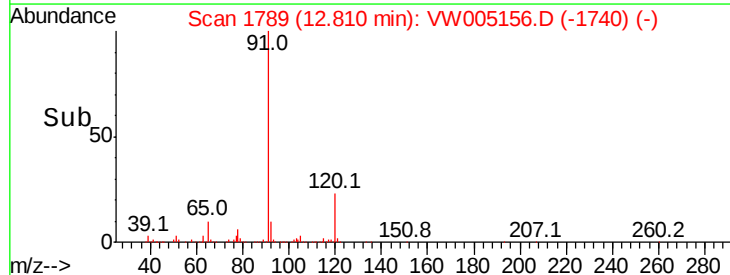
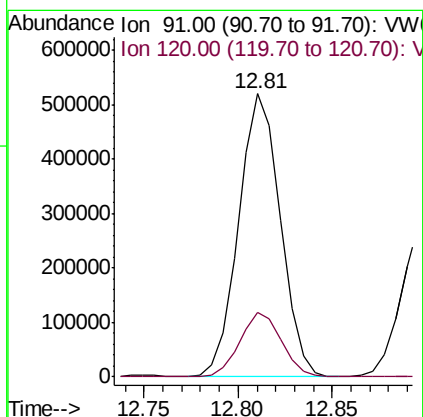
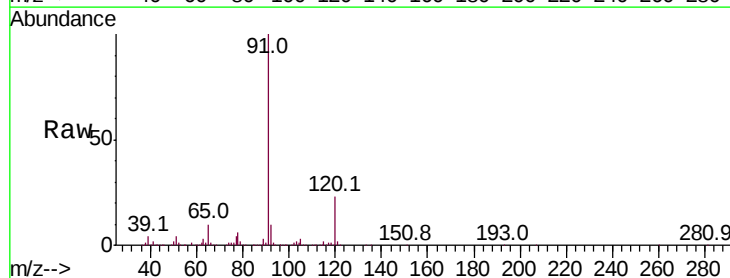
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

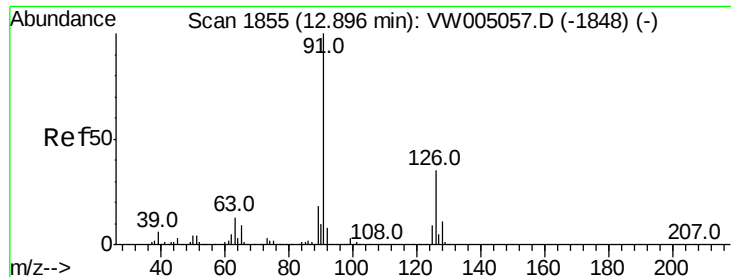
Tot Ion:156 Resp: 149259
Ion Ratio Lower Upper
156 100
77 181.0 85.8 257.4
158 98.1 48.1 144.4



#78
n-propylbenzene
Concen: 21.977 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Tgt Ion: 91 Resp: 795902
Ion Ratio Lower Upper
91 100
120 22.9 11.8 35.3





#79

2-Chlorotoluene

Concen: 21.268 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Instrument :

MSVOA_W

ClientSampleId :

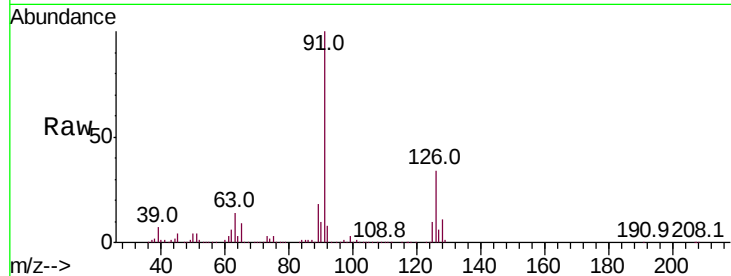
VW0906SBS01

Tot Ion: 91 Resp: 449367

Ion Ratio Lower Upper

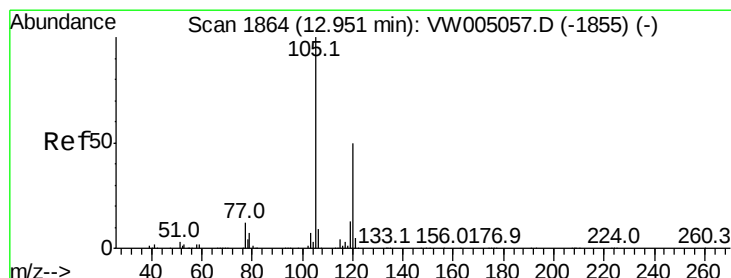
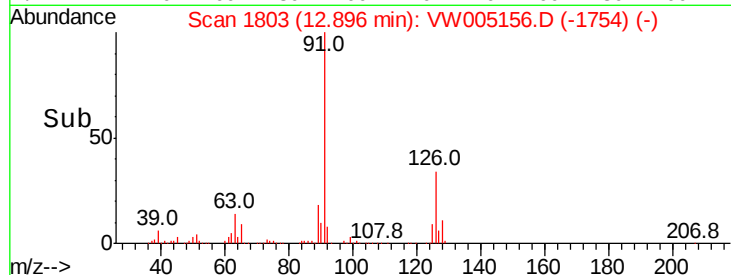
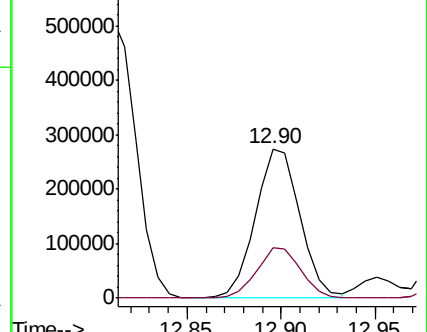
91 100

126 33.7 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.383 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005156.D

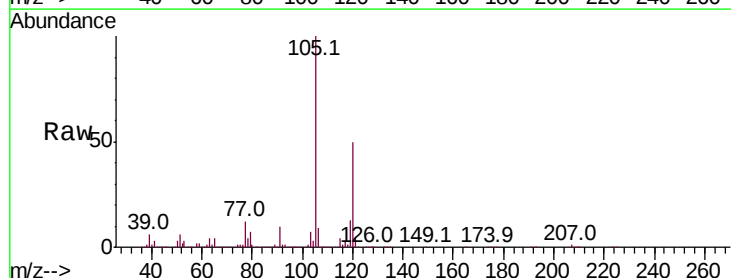
Acq: 06 Sep 2018 12:00

Tgt Ion:105 Resp: 554733

Ion Ratio Lower Upper

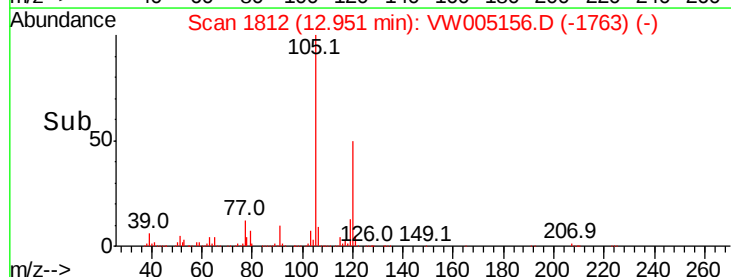
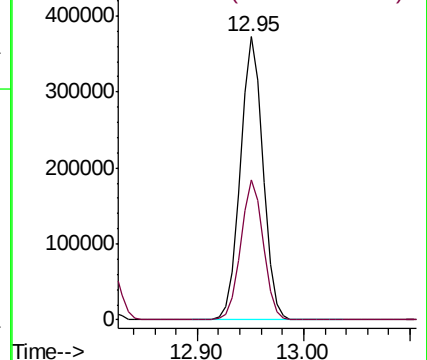
105 100

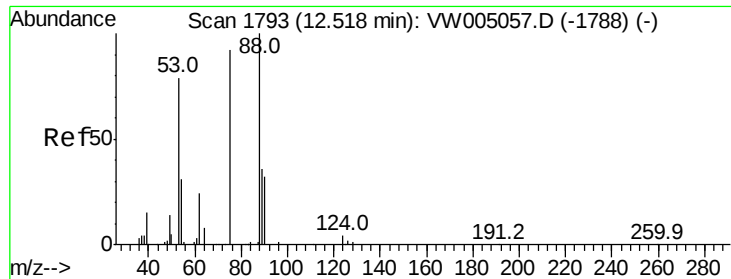
120 49.4 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 22.540 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

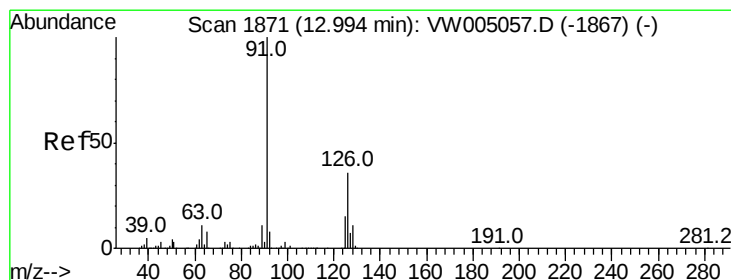
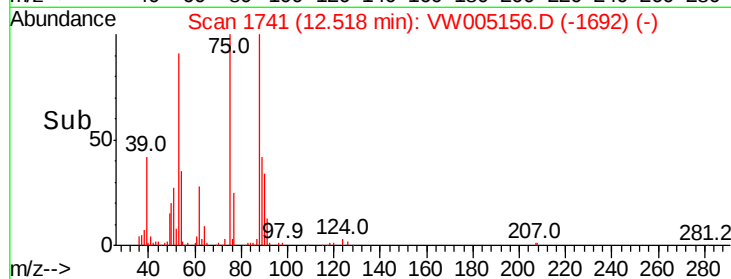
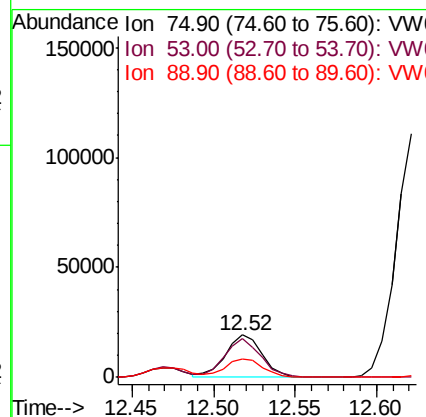
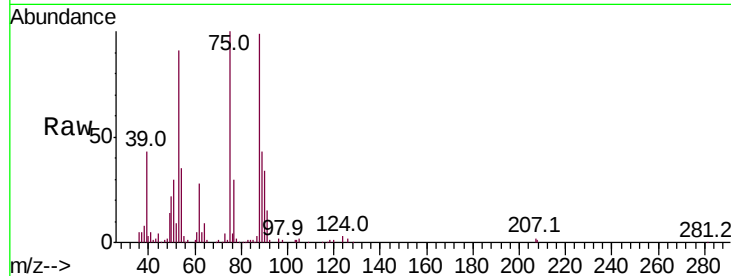
Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

Tot Ion: 75 Resp: 29907

Ion	Ratio	Lower	Upper
75	100		
53	90.4	69.8	104.8
89	44.9	36.0	54.0



#82

4-Chlorotoluene

Concen: 21.336 ug/l

RT: 12.99 min Scan# 1819

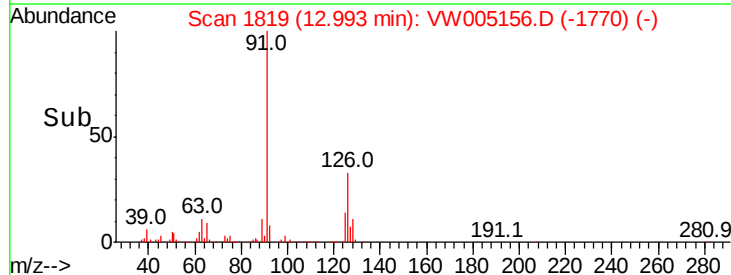
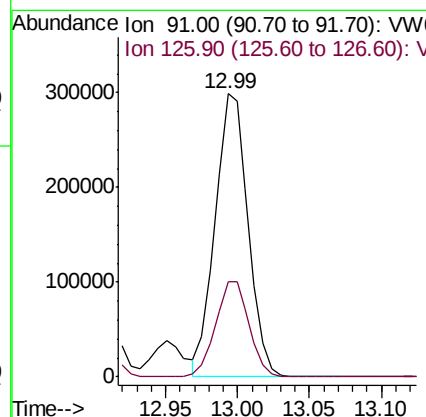
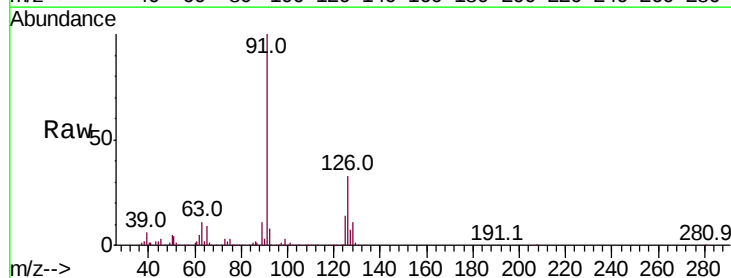
Delta R.T. -0.00 min

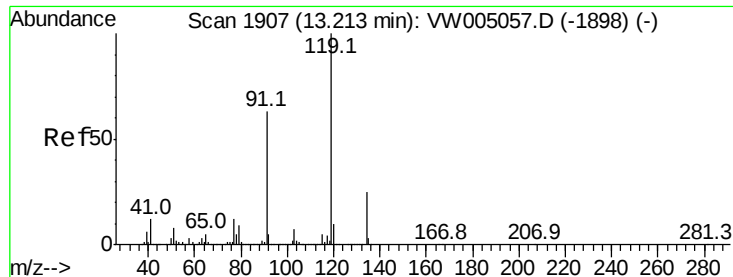
Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Tgt Ion: 91 Resp: 476032

Ion	Ratio	Lower	Upper
91	100		
126	34.3	17.4	52.3





#83

tert-Butylbenzene

Concen: 21.339 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS01

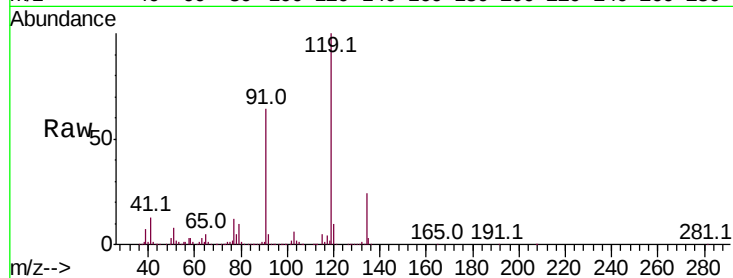
Tot Ion:119 Resp: 462322

Ion Ratio Lower Upper

119 100

91 64.7 31.8 95.4

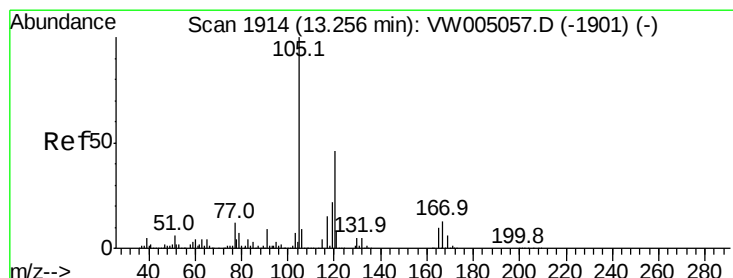
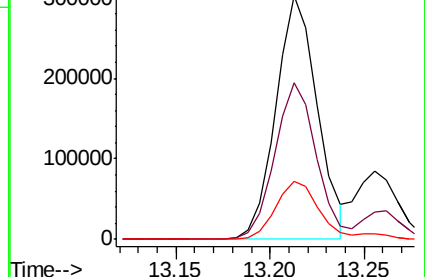
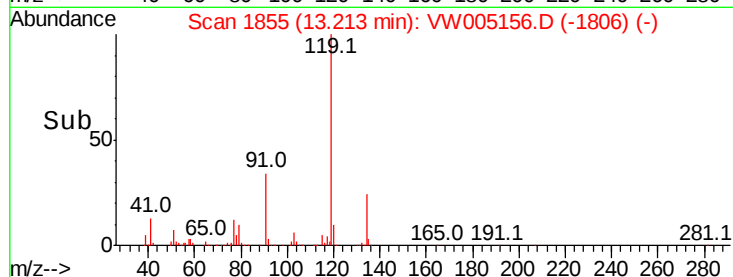
134 26.3 13.0 39.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.289 ug/l

RT: 13.26 min Scan# 1863

Delta R.T. 0.01 min

Lab File: VW005156.D

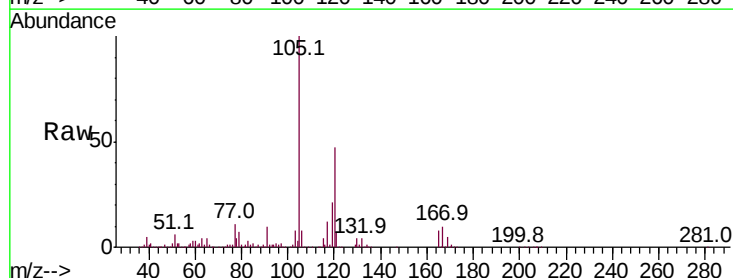
Acq: 06 Sep 2018 12:00

Tgt Ion:105 Resp: 562473

Ion Ratio Lower Upper

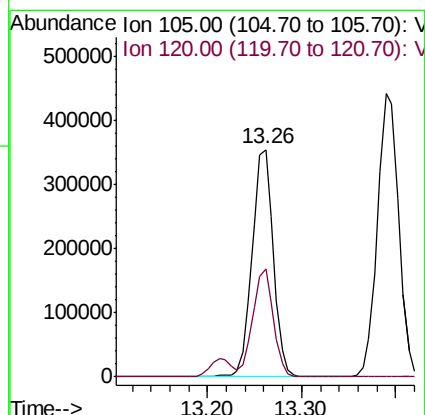
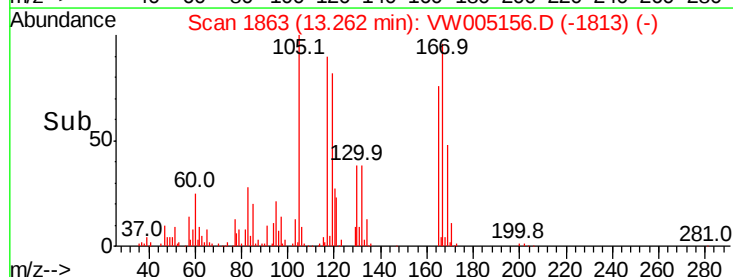
105 100

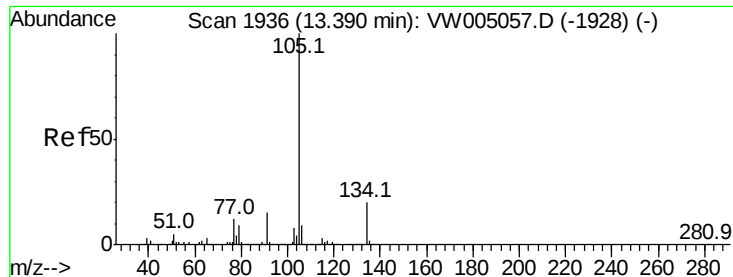
120 45.8 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

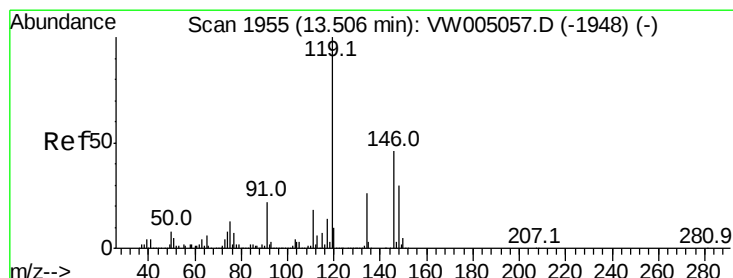
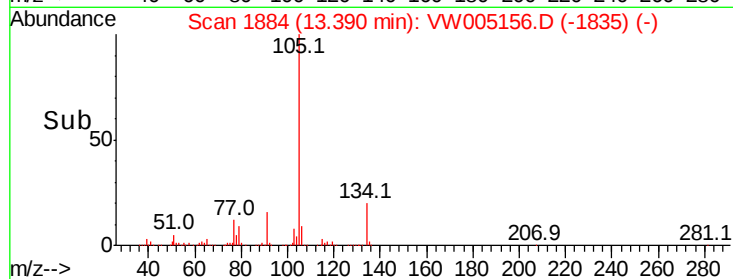
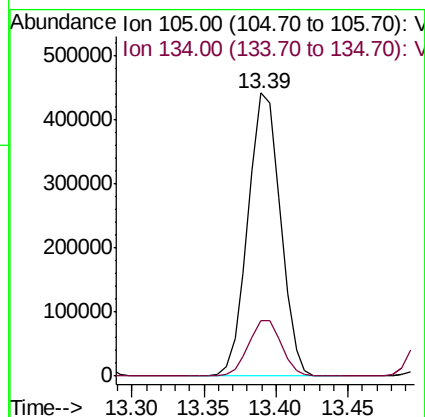
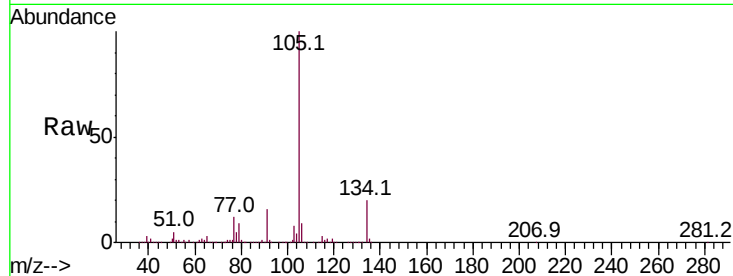




#85
 sec-Butylbenzene
 Concen: 21.619 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005156.D
 Acq: 06 Sep 2018 12:00

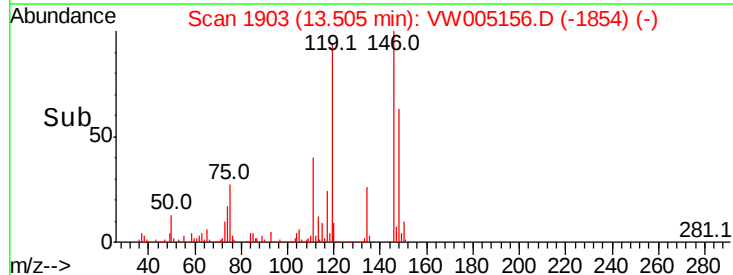
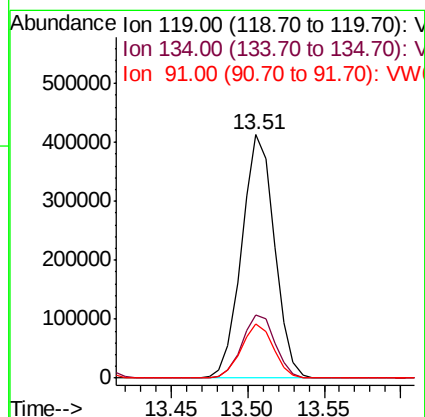
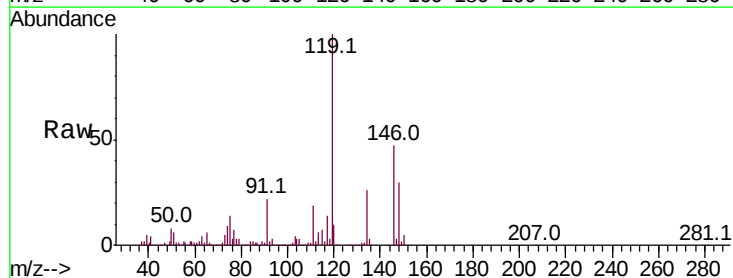
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS01

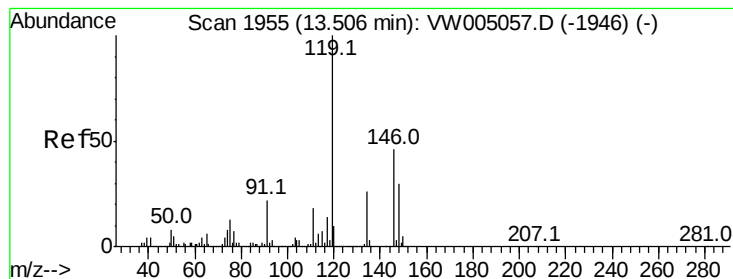
Tot Ion:105 Resp: 688324
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 21.762 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005156.D
 Acq: 06 Sep 2018 12:00

Tgt Ion:119 Resp: 613346
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.8
 91 22.0 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 20.453 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS01

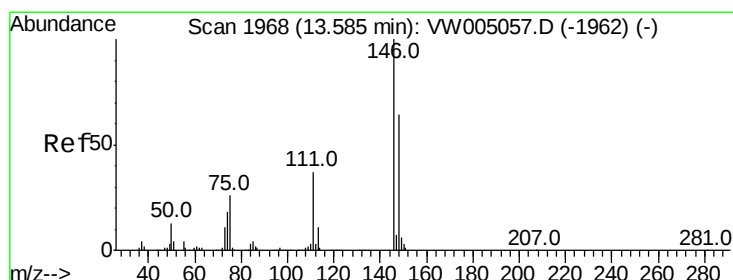
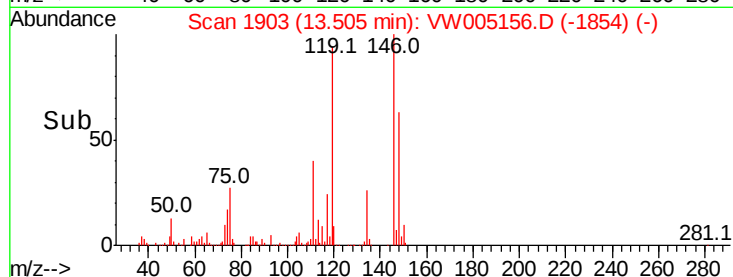
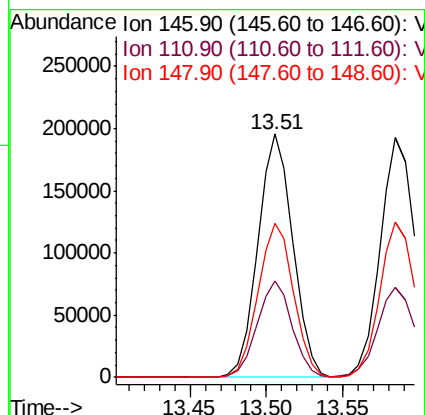
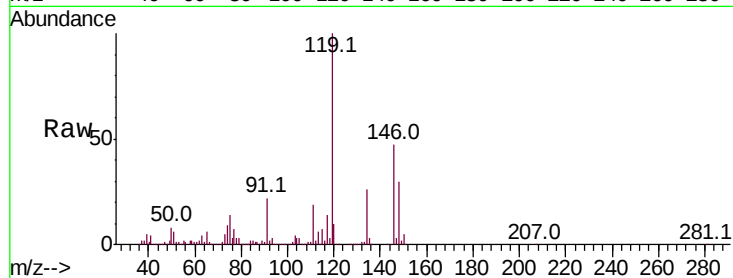
Tot Ion:146 Resp: 310562

Ion Ratio Lower Upper

146 100

111 39.3 19.2 57.6

148 64.4 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 20.330 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

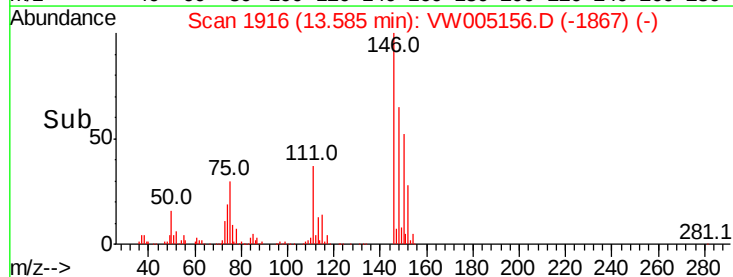
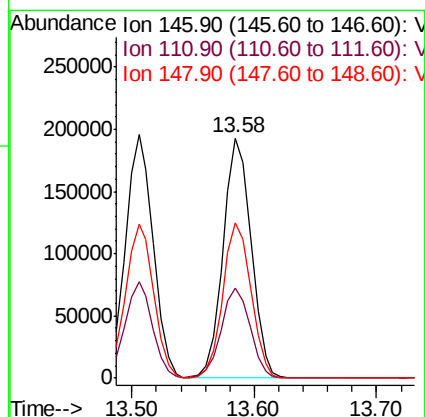
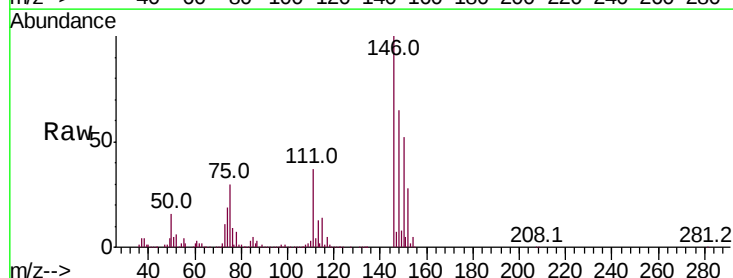
Tgt Ion:146 Resp: 306221

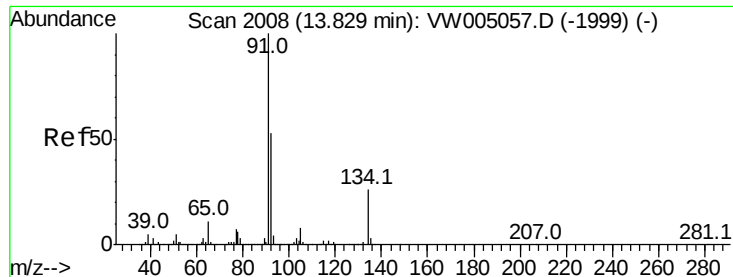
Ion Ratio Lower Upper

146 100

111 39.1 18.6 56.0

148 65.1 32.0 96.0





#89

n-Butylbenzene

Concen: 21.935 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005156.D

Acq: 06 Sep 2018 12:00

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS01

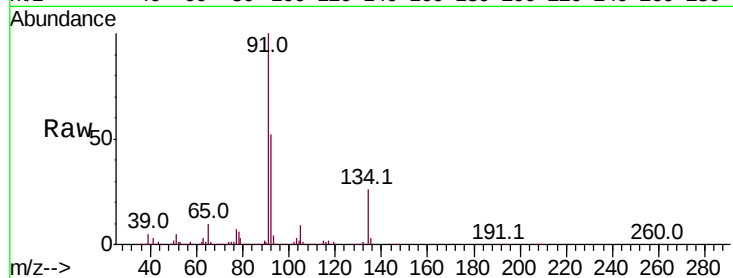
Tot Ion: 91 Resp: 572952

Ion Ratio Lower Upper

91 100

92 52.6 26.5 79.5

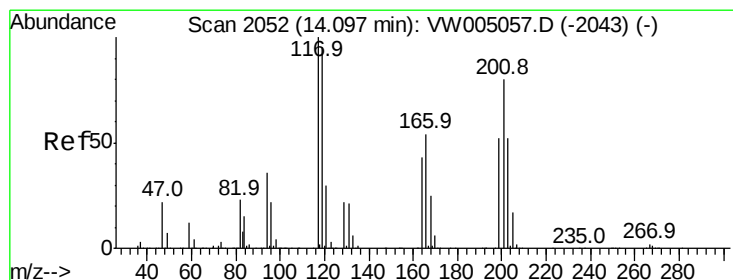
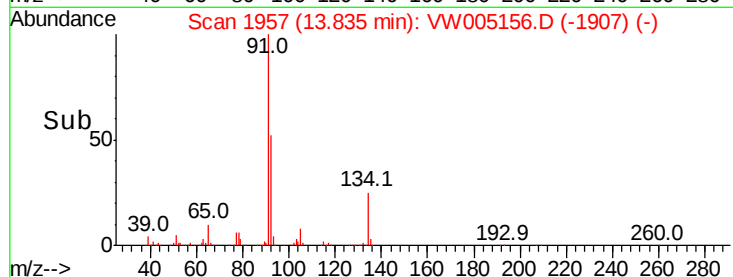
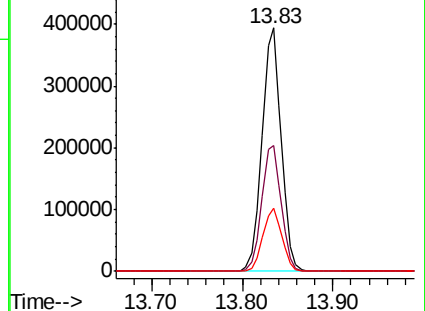
134 26.0 13.5 40.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 20.493 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW005156.D

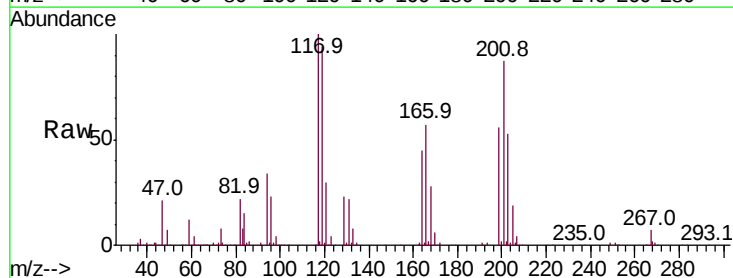
Acq: 06 Sep 2018 12:00

Tgt Ion: 117 Resp: 95938

Ion Ratio Lower Upper

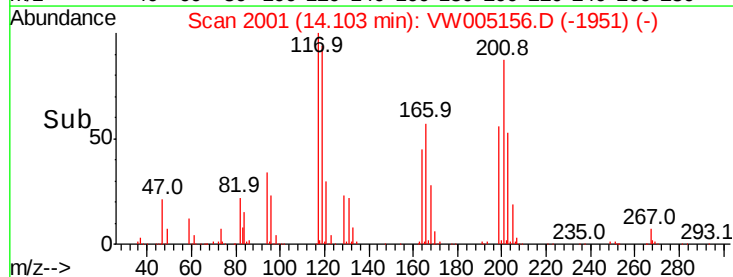
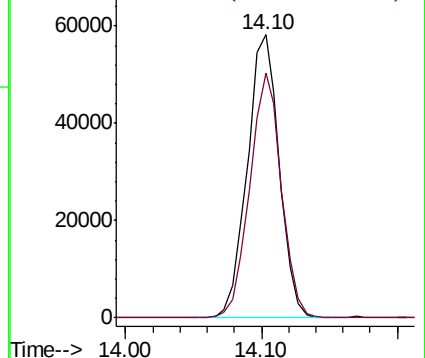
117 100

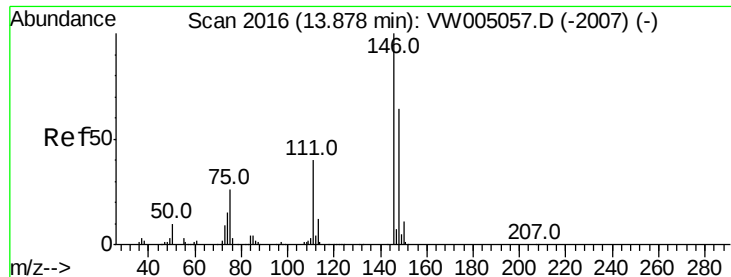
201 84.9 44.6 133.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

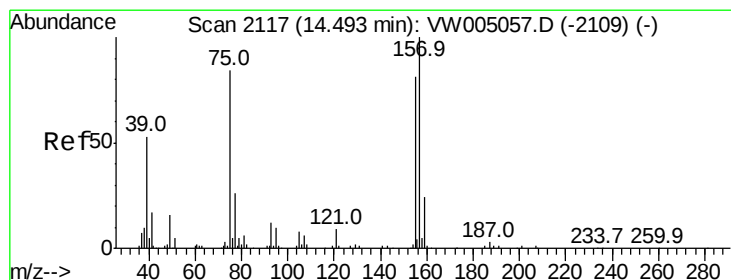
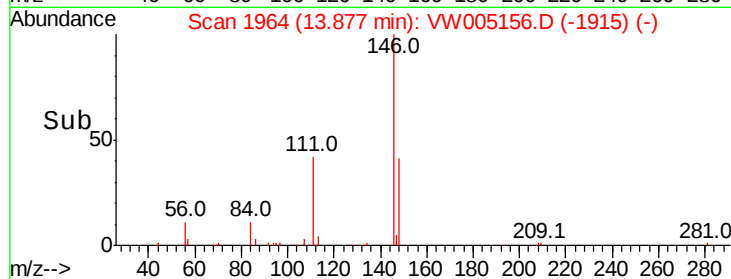
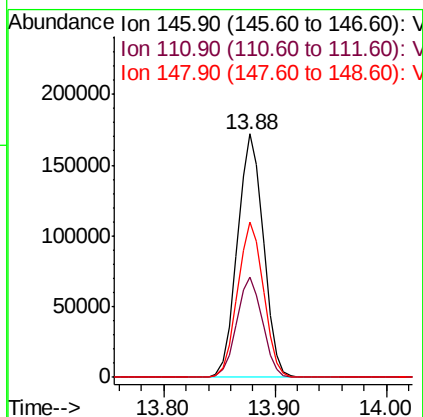
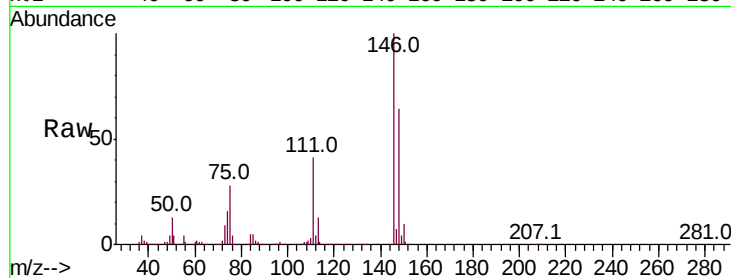




#91
 1,2-Dichlorobenzene
 Concen: 20.955 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005156.D
 Acq: 06 Sep 2018 12:00

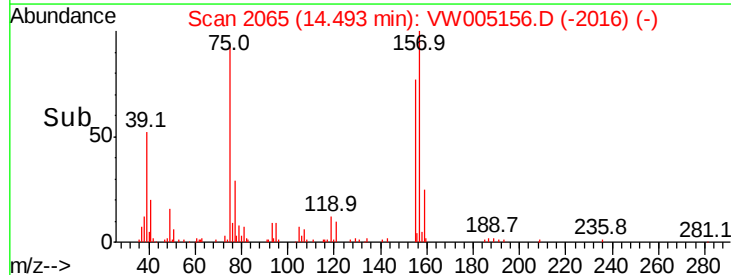
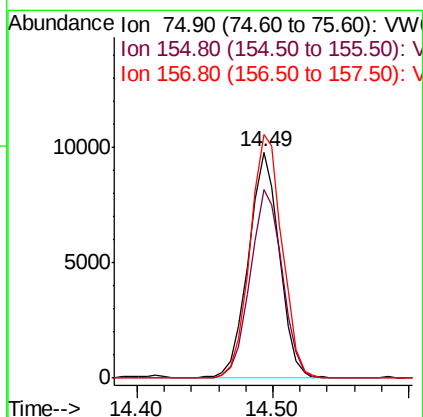
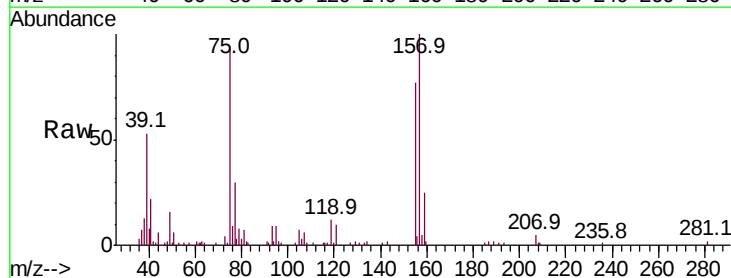
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS01

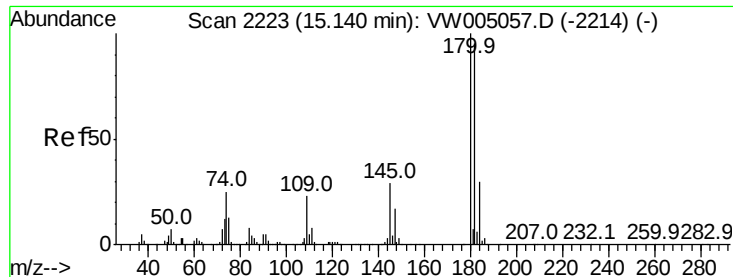
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.9	59.7
148	63.9	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.897 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005156.D
 Acq: 06 Sep 2018 12:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.9	46.0	137.8
157	111.2	58.6	175.7

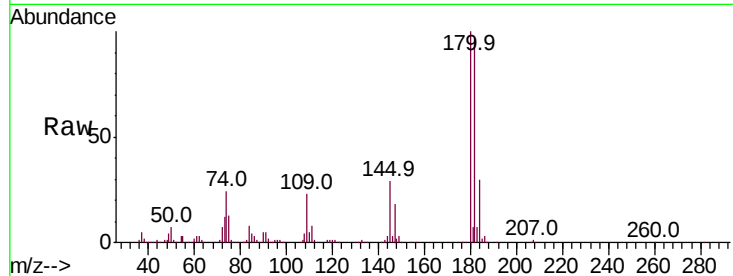




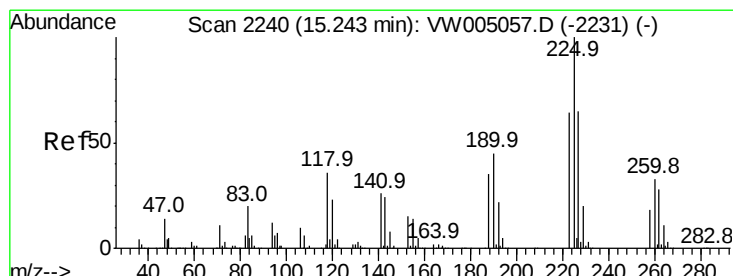
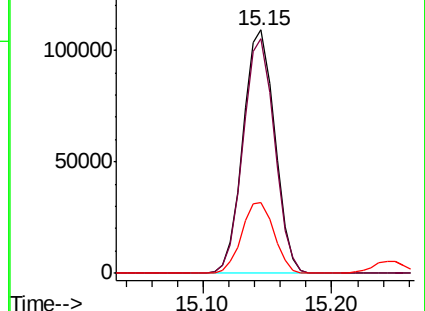
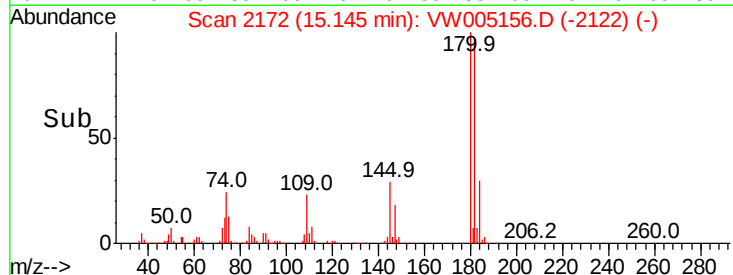
#93
 1,2,4-Trichlorobenzene
 Concen: 20.890 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW005156.D
 Acq: 06 Sep 2018 12:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.5	142.6
145	29.8	14.4	43.2

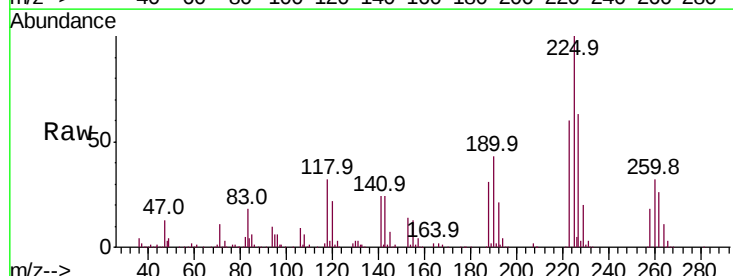


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

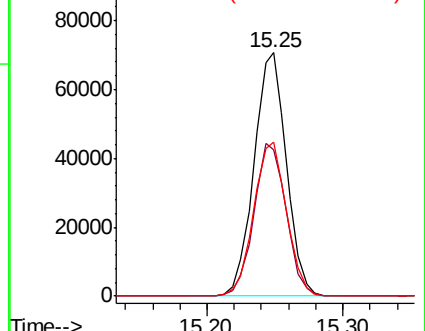
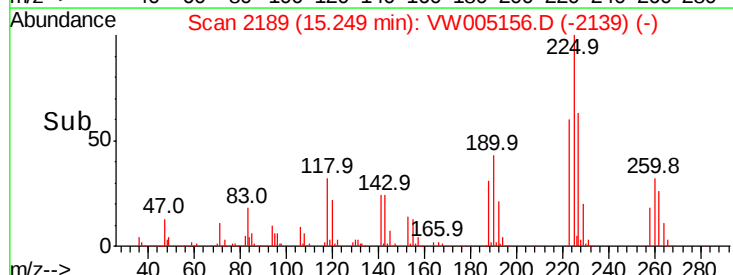


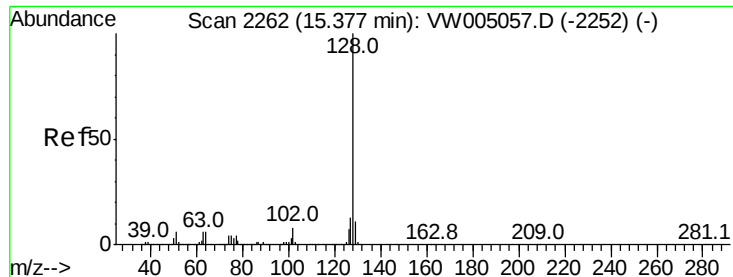
#94
 Hexachlorobutadiene
 Concen: 21.383 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW005156.D
 Acq: 06 Sep 2018 12:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.4	94.3
227	64.1	32.0	96.0



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

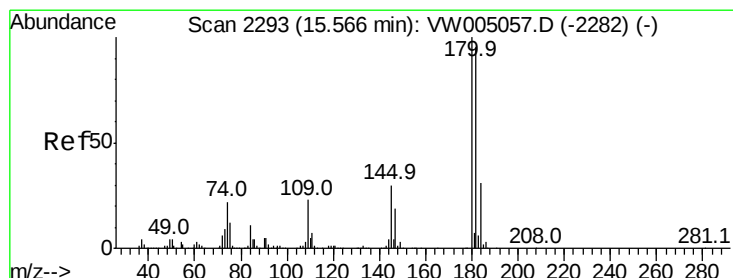
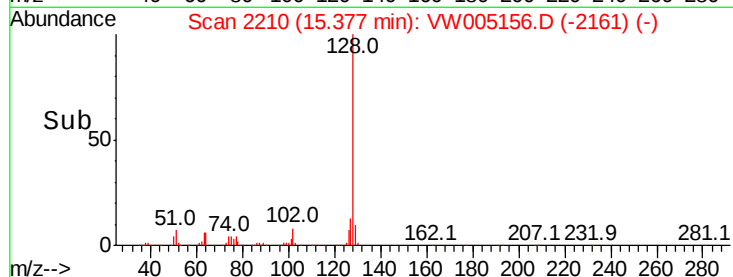
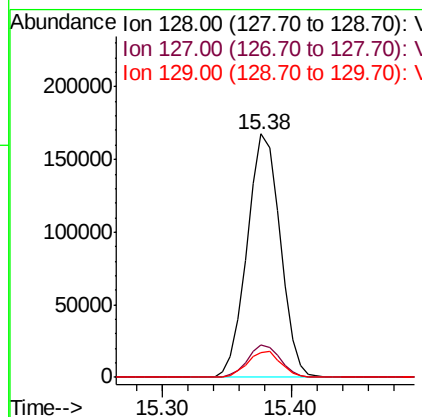
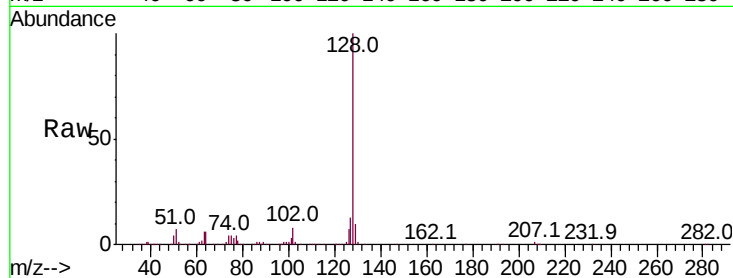




#95
Naphthalene
Concen: 21.825 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

Tot Ion:128 Resp: 297430
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.368 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005156.D
Acq: 06 Sep 2018 12:00

Tgt Ion:180 Resp: 162275
Ion Ratio Lower Upper
180 100
182 94.8 47.4 142.3
145 30.5 15.4 46.1

