

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090618\
 Data File : VW005157.D
 Acq On : 06 Sep 2018 12:26
 Operator : SY/AP
 Sample : VW0906SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD01

Quant Time: Sep 06 13:54:40 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	530802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	769504	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	751414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	415134	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	239490	54.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.86%	
35) Dibromofluoromethane	7.89	113	228208	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
50) Toluene-d8	10.33	98	1076221	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	
62) 4-Bromofluorobenzene	12.62	95	402030	55.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	102828	24.040	ug/l	99
3) Chloromethane	2.21	50	147036	23.688	ug/l	99
4) Vinyl Chloride	2.35	62	141630	23.464	ug/l	99
5) Bromomethane	2.76	94	77399	17.892	ug/l	99
6) Chloroethane	2.91	64	78744	20.959	ug/l	100
7) Trichlorofluoromethane	3.25	101	157058	23.131	ug/l	99
8) Diethyl Ether	3.69	74	55211	22.473	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	4.06	101	105905	22.707	ug/l	98
10) Methyl Iodide	4.27	142	95015	16.410	ug/l	100
11) Tert butyl alcohol	5.21	59	44340	181.363	ug/l #	87
12) 1,1-Dichloroethene	4.04	96	94773	22.080	ug/l	96
13) Acrolein	3.90	56	34388	120.406	ug/l	99
14) Allyl chloride	4.68	41	152705	22.760	ug/l	98
15) Acrylonitrile	5.38	53	128247	123.762	ug/l	99
16) Acetone	4.14	43	120909	137.018	ug/l	95
17) Carbon Disulfide	4.38	76	341444	22.830	ug/l	99
18) Methyl Acetate	4.68	43	58860	22.675	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	248203	23.814	ug/l	99
20) Methylene Chloride	4.92	84	169698	26.649	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	109773	20.991	ug/l	96
22) Diisopropyl ether	6.32	45	326838	23.150	ug/l	97
23) Vinyl Acetate	6.26	43	939794	126.727	ug/l	99
24) 1,1-Dichloroethane	6.23	63	192392	21.801	ug/l	99
25) 2-Butanone	7.18	43	199683	130.463	ug/l	99
26) 2,2-Dichloropropane	7.17	77	165914	22.878	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	119980	20.973	ug/l	95
28) Bromochloromethane	7.52	49	81025	22.811	ug/l	94
29) Tetrahydrofuran	7.54	42	100427	128.414	ug/l	98
30) Chloroform	7.68	83	189702	21.062	ug/l	98
31) Cyclohexane	7.96	56	205395	23.767	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	167572	21.362	ug/l	99
36) 1,1-Dichloropropene	8.09	75	166902	22.774	ug/l	98
37) Ethyl Acetate	7.26	43	72757	26.546	ug/l	100
38) Carbon Tetrachloride	8.07	117	148604	21.325	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	197059	22.234	ug/l	97
40) Benzene	8.33	78	479073	21.353	ug/l	99
41) Methacrylonitrile	7.49	41	39967	25.168	ug/l	97
42) 1,2-Dichloroethane	8.41	62	118173	21.522	ug/l	100
43) Isopropyl Acetate	8.43	43	125866	25.237	ug/l	100
44) Trichloroethene	9.10	130	127256	21.022	ug/l	99
45) 1,2-Dichloropropane	9.37	63	120212	21.933	ug/l	100
46) Dibromomethane	9.46	93	57087	21.782	ug/l	97
47) Bromodichloromethane	9.65	83	141012	21.368	ug/l	97
48) Methyl methacrylate	9.45	41	59050	24.589	ug/l	94
49) 1,4-Dioxane	9.46	88	20131	474.979	ug/l #	85
51) 4-Methyl-2-Pentanone	10.21	43	440641	131.829	ug/l	99
52) Toluene	10.39	92	324075	21.318	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	147628	22.767	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	178492	22.634	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	90445	22.289	ug/l	98
56) Ethyl methacrylate	10.65	69	110504	23.870	ug/l	99
57) 1,3-Dichloropropane	10.94	76	151972	22.749	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	262808	119.804	ug/l	98
59) 2-Hexanone	10.98	43	308061	136.265	ug/l	99
60) Dibromochloromethane	11.13	129	99021	21.585	ug/l	99
61) 1,2-Dibromoethane	11.24	107	81629	22.282	ug/l	99
64) Tetrachloroethene	10.87	164	115276	19.553	ug/l	98
65) Chlorobenzene	11.66	112	354205	20.939	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	108123	20.916	ug/l	99
67) Ethyl Benzene	11.74	91	615264	21.515	ug/l	100
68) m/p-Xylenes	11.85	106	500055	43.672	ug/l	99
69) o-Xylene	12.17	106	227970	21.534	ug/l	100
70) Styrene	12.19	104	380191	21.741	ug/l	99
71) Bromoform	12.35	173	59497	21.716	ug/l #	98
73) Isopropylbenzene	12.47	105	617554	21.098	ug/l	100
74) N-amyl acetate	12.28	43	124744	24.750	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	104504	23.452	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	135168	43.377	ug/l #	100
77) Bromobenzene	12.75	156	146453	20.306	ug/l	96
78) n-propylbenzene	12.81	91	756932	21.421	ug/l	100
79) 2-Chlorotoluene	12.90	91	435466	21.123	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	534587	21.119	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	29758	22.985	ug/l	96
82) 4-Chlorotoluene	12.99	91	465112	21.365	ug/l	99
83) tert-Butylbenzene	13.21	119	444778	21.040	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	544653	21.127	ug/l	99
85) sec-Butylbenzene	13.39	105	669349	21.546	ug/l	99
86) p-Isopropyltoluene	13.51	119	588968	21.417	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	306722	20.703	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	302146	20.559	ug/l	99
89) n-Butylbenzene	13.83	91	549798	21.572	ug/l	99
90) Hexachloroethane	14.10	117	92321	20.211	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	271843	21.052	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16793	24.116	ug/l	95

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Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration

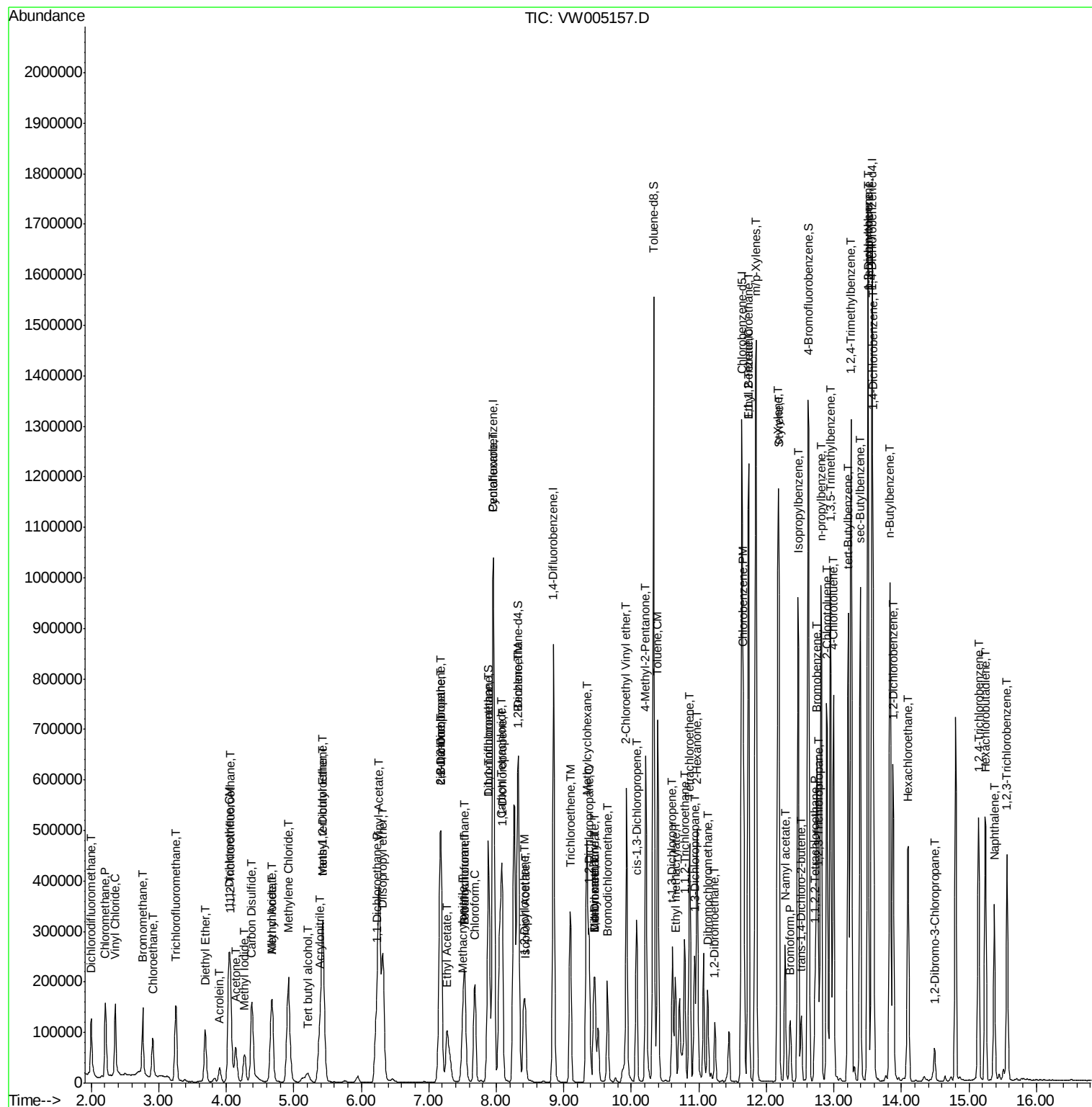
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	185568	21.432	ug/l	99
94) Hexachlorobutadiene	15.25	225	111912	20.782	ug/l	99
95) Naphthalene	15.38	128	306387	22.820	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	163338	22.043	ug/l	99

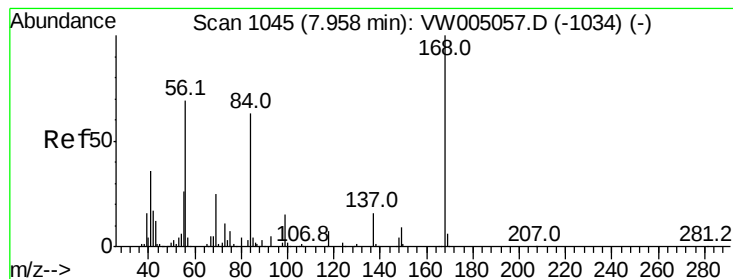
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/5ML/MSVOA W/SOIL
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Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

ClientSampleId :

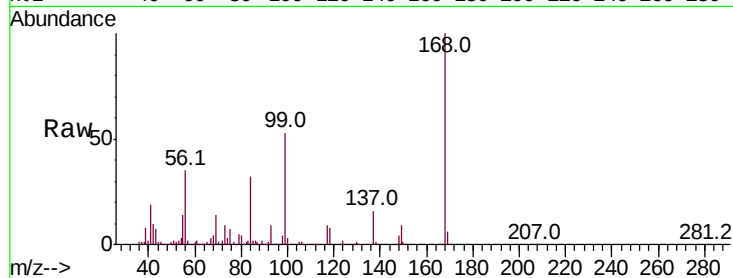
VW0906SBS01

Tot Ion:168 Resp: 530802

Ion Ratio Lower Upper

168 100

99 52.5 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

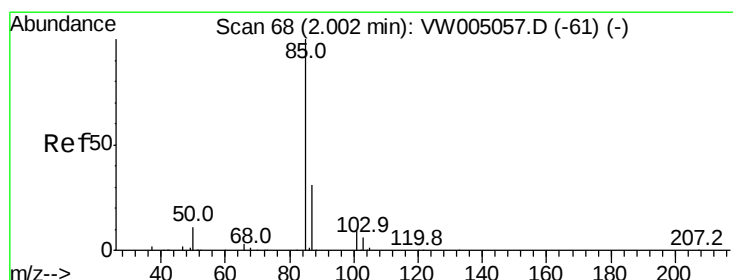
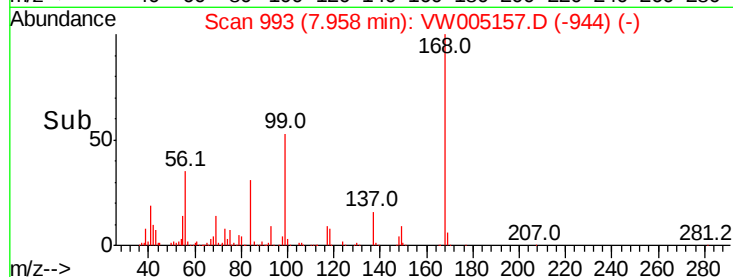
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10 8.20



#2

Dichlorodifluoromethane

Concen: 24.040 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW005157.D

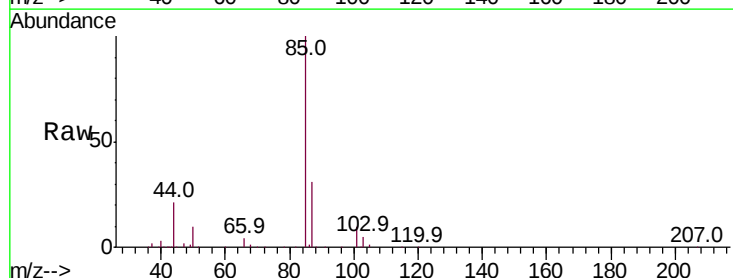
Acq: 06 Sep 2018 12:26

Tgt Ion: 85 Resp: 102828

Ion Ratio Lower Upper

85 100

87 31.1 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

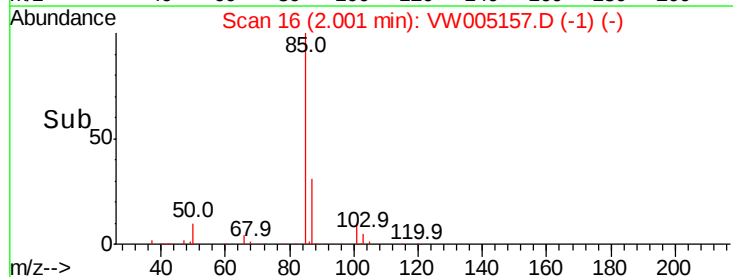
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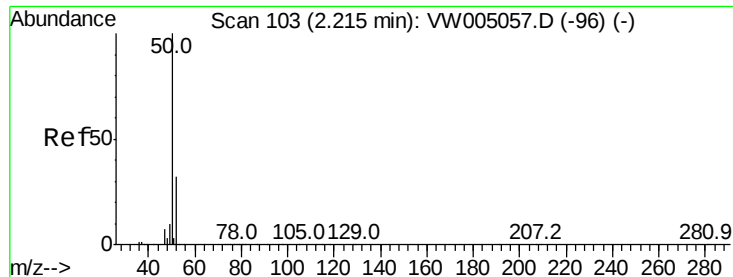
40000

20000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 23.688 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

ClientSampleId :

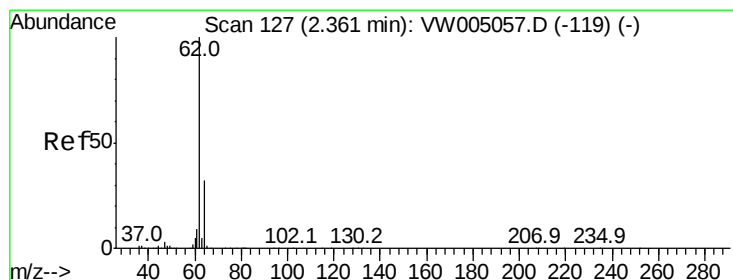
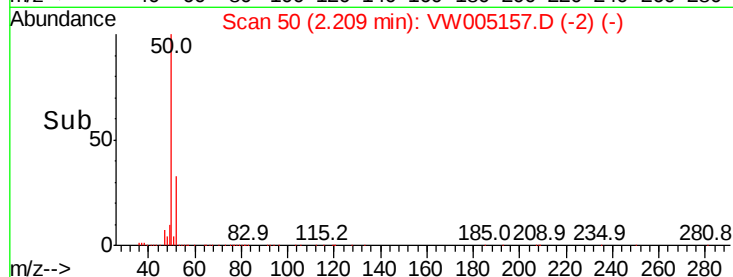
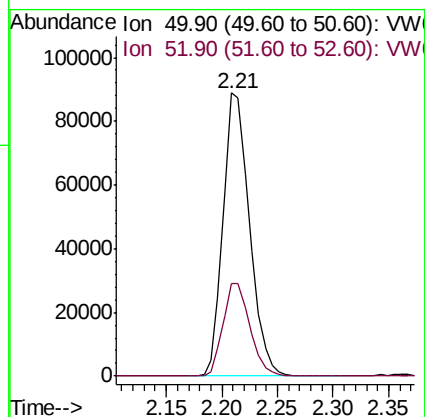
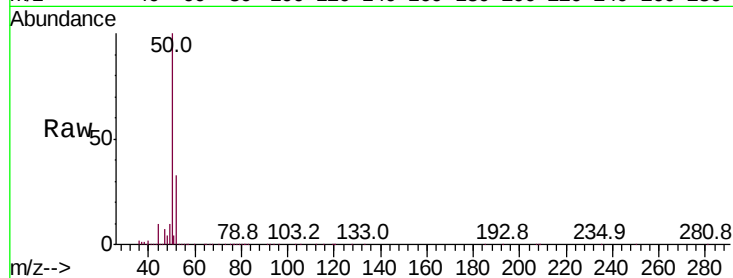
VW0906SBSD01

Tot Ion: 50 Resp: 147036

Ion Ratio Lower Upper

50 100

52 32.8 25.8 38.6



#4

Vinyl Chloride

Concen: 23.464 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW005157.D

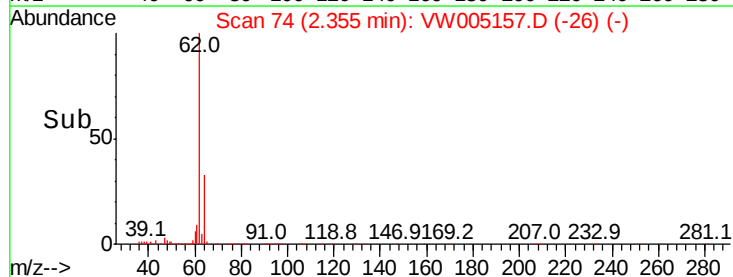
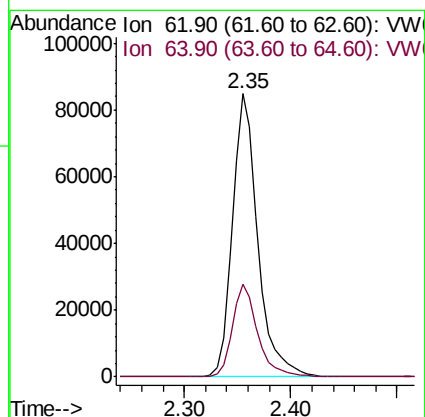
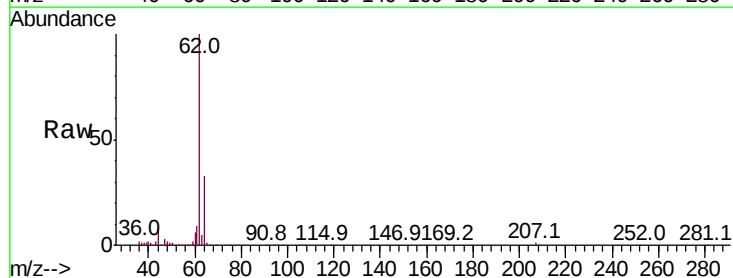
Acq: 06 Sep 2018 12:26

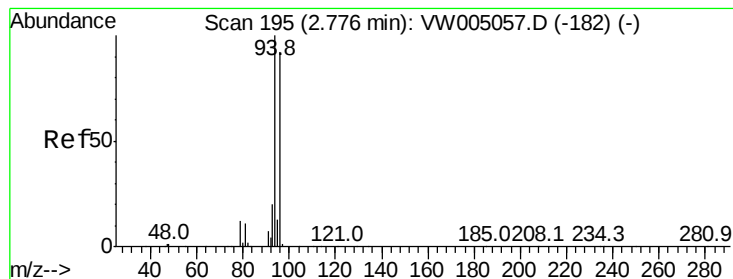
Tgt Ion: 62 Resp: 141630

Ion Ratio Lower Upper

62 100

64 32.3 25.6 38.4





#5

Bromomethane

Concen: 17.892 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

ClientSampleId :

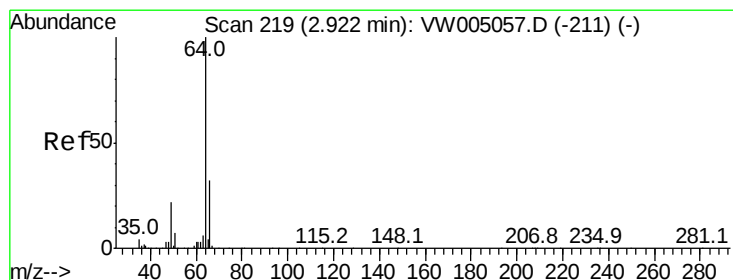
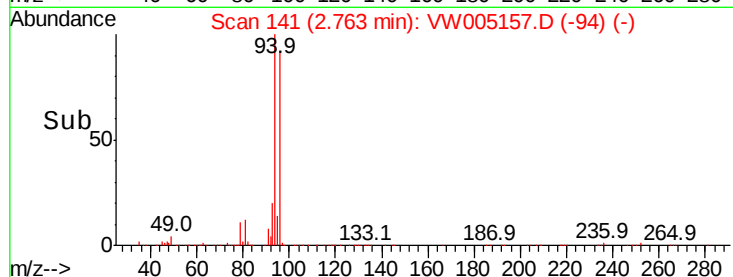
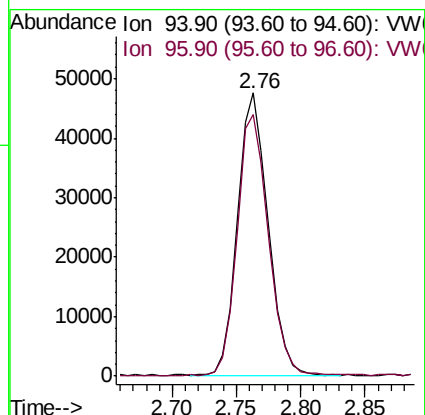
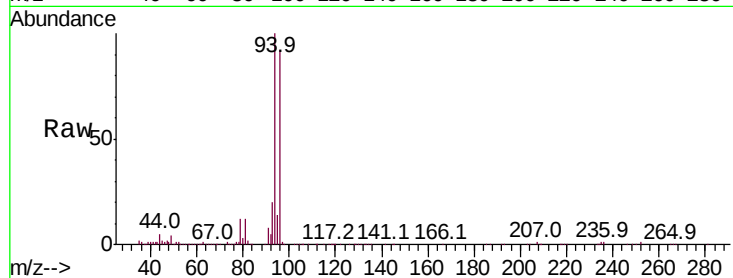
VW0906SBSD01

Tot Ion: 94 Resp: 77399

Ion Ratio Lower Upper

94 100

96 92.2 73.2 109.8



#6

Chloroethane

Concen: 20.959 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW005157.D

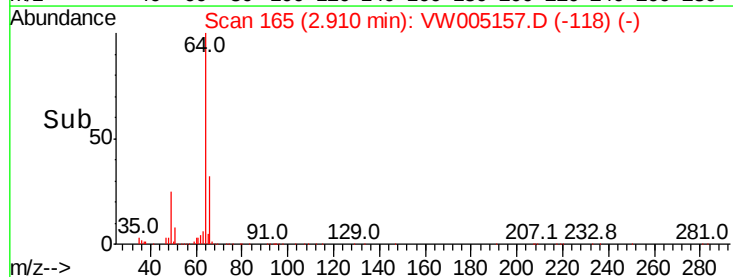
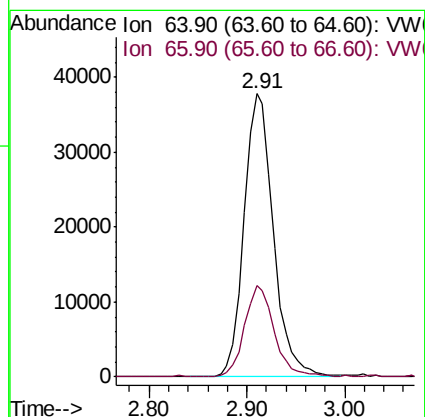
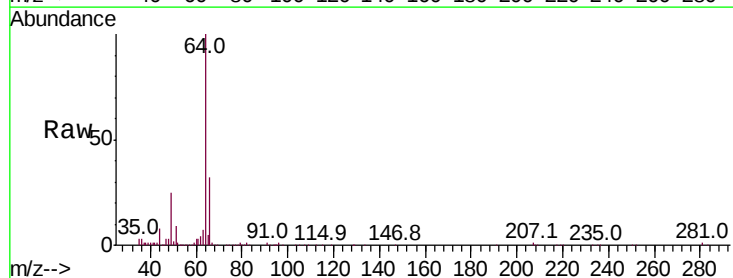
Acq: 06 Sep 2018 12:26

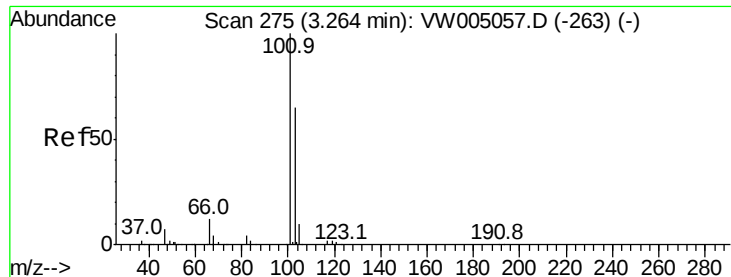
Tgt Ion: 64 Resp: 78744

Ion Ratio Lower Upper

64 100

66 31.9 25.7 38.5



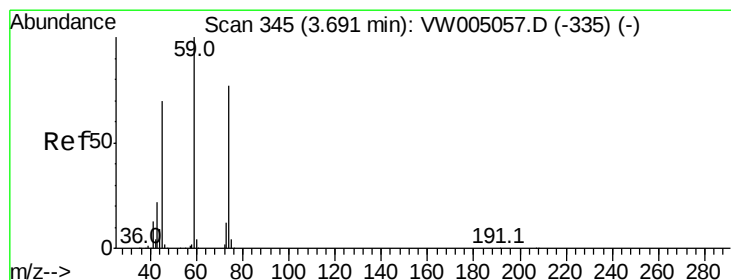
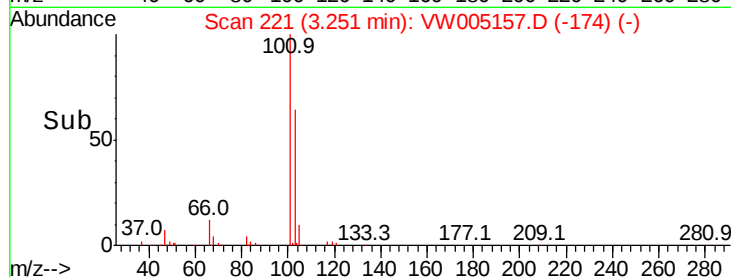
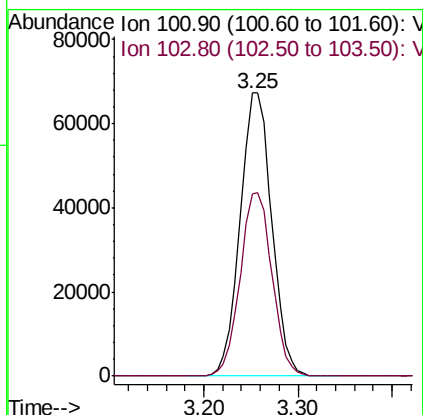
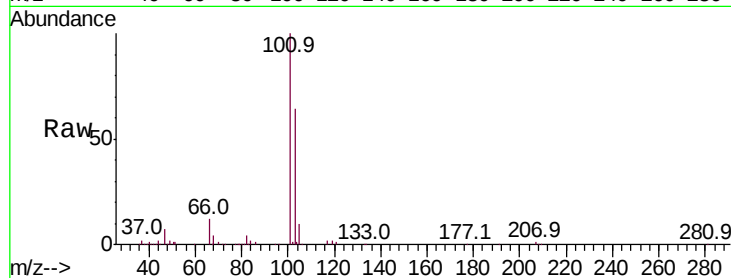


#7

Trichlorofluoromethane
 Concen: 23.131 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW005157.D
 Acq: 06 Sep 2018 12:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD01

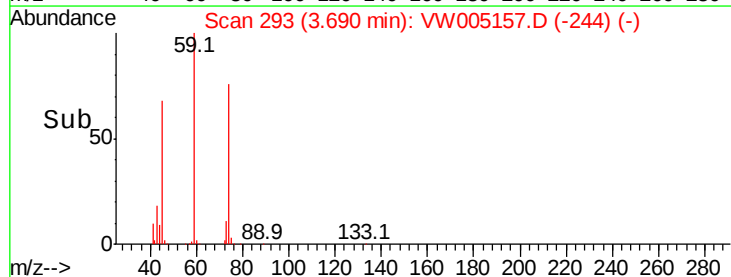
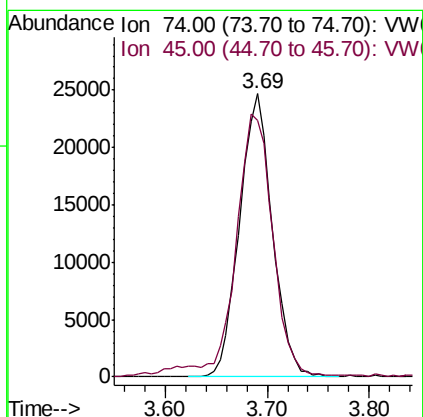
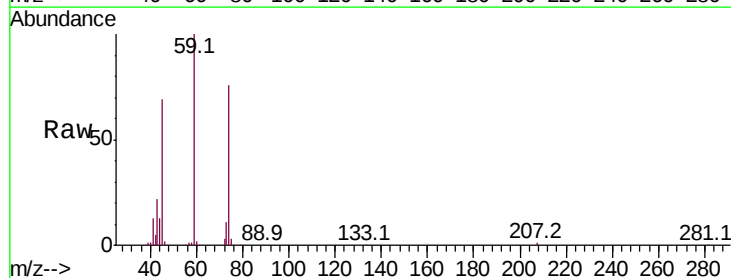
Tot Ion:101 Resp: 157058
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.9 77.9

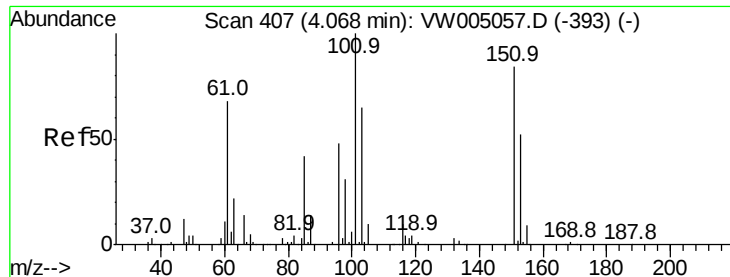


#8

Diethyl Ether
 Concen: 22.473 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW005157.D
 Acq: 06 Sep 2018 12:26

Tgt Ion: 74 Resp: 55211
 Ion Ratio Lower Upper
 74 100
 45 106.9 46.0 137.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.707 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD01

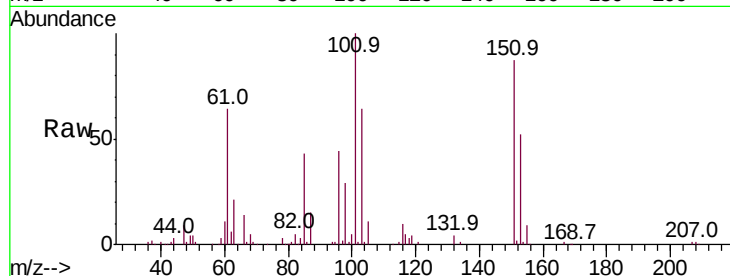
Tot Ion:101 Resp: 105905

Ion Ratio Lower Upper

101 100

85 41.4 33.0 49.6

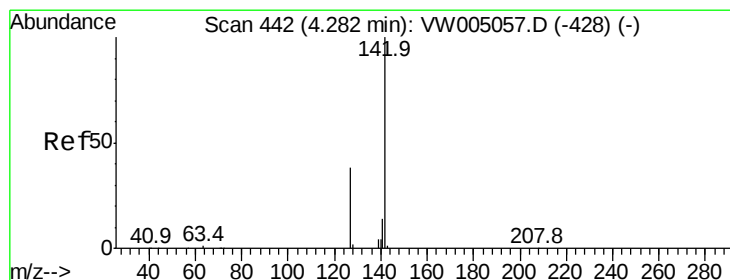
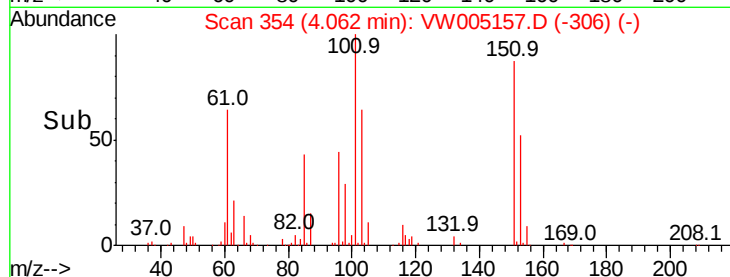
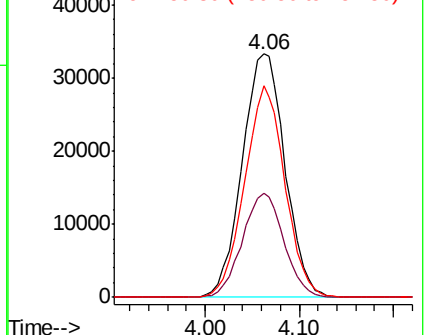
151 81.8 67.0 100.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.410 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

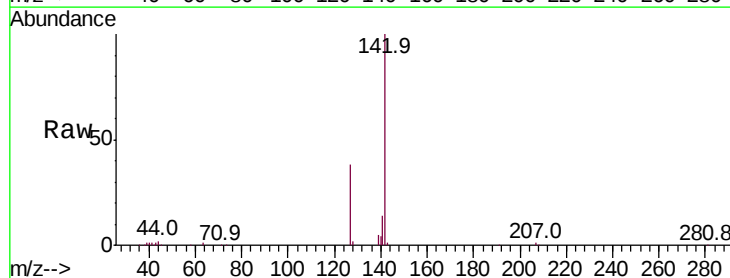
Tgt Ion:142 Resp: 95015

Ion Ratio Lower Upper

142 100

127 38.3 30.8 46.2

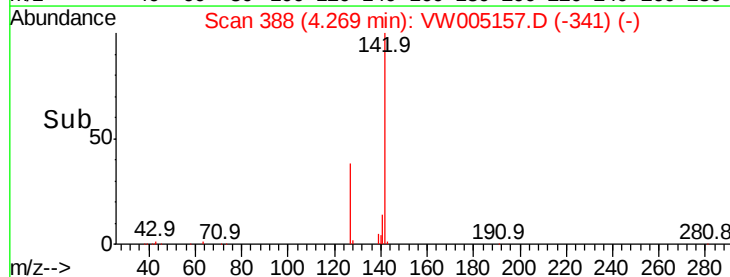
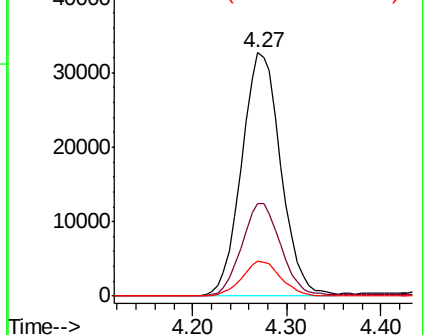
141 14.1 11.6 17.4

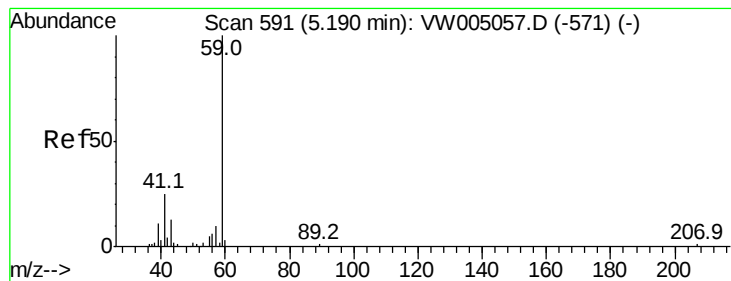


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 181.363 ug/l

RT: 5.21 min Scan# 542

Delta R.T. 0.02 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

ClientSampleId :

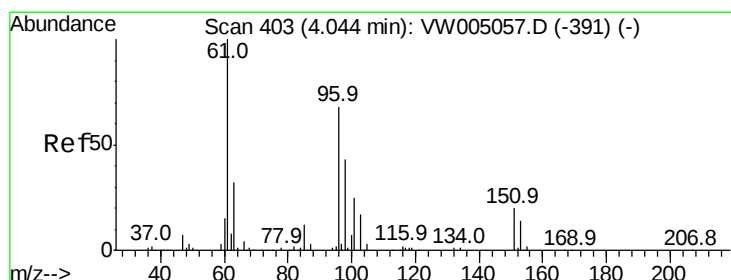
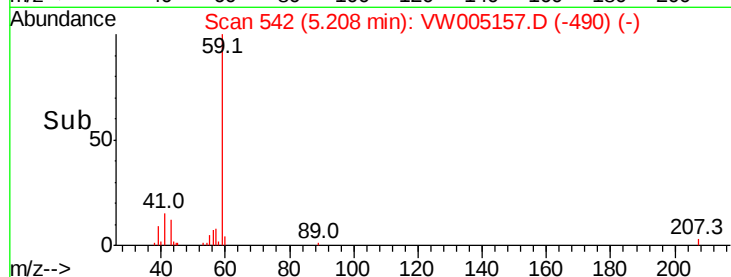
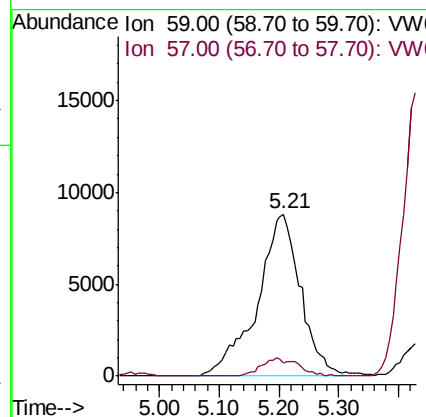
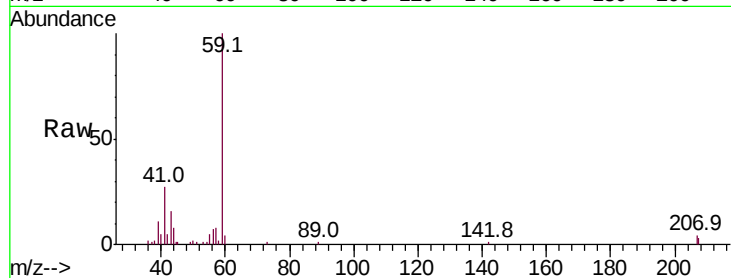
VW0906SBSD01

Tot Ion: 59 Resp: 44340

Ion Ratio Lower Upper

59 100

57 5.7 8.6 12.8#



#12

1,1-Dichloroethene

Concen: 22.080 ug/l

RT: 4.04 min Scan# 350

Delta R.T. -0.01 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

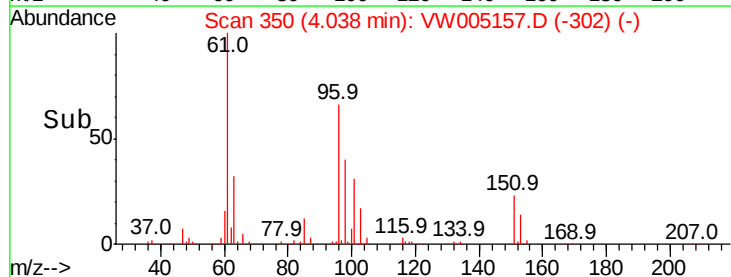
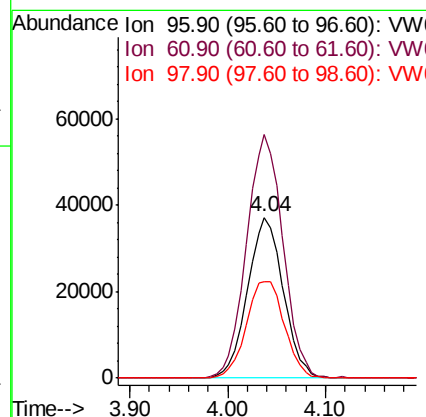
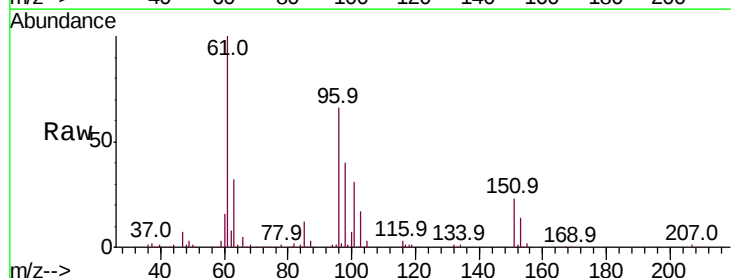
Tgt Ion: 96 Resp: 94773

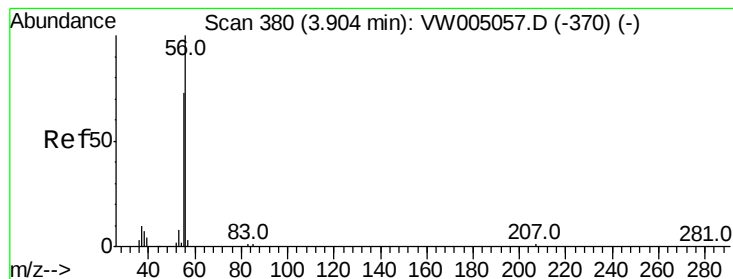
Ion Ratio Lower Upper

96 100

61 151.3 117.4 176.0

98 60.1 51.0 76.4





#13

Acrolein

Concen: 120.406 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

ClientSampleId :

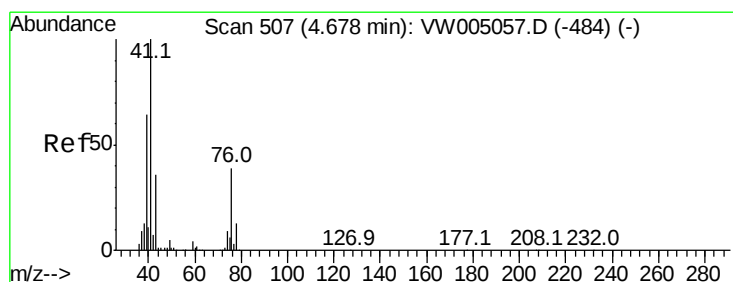
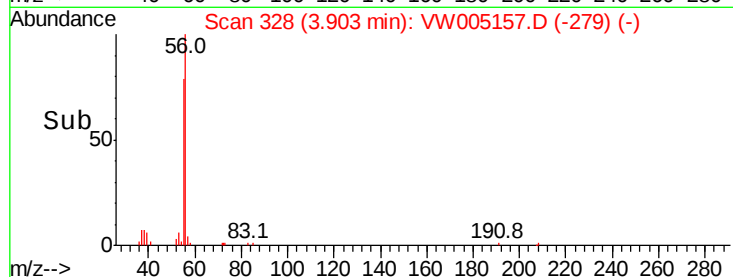
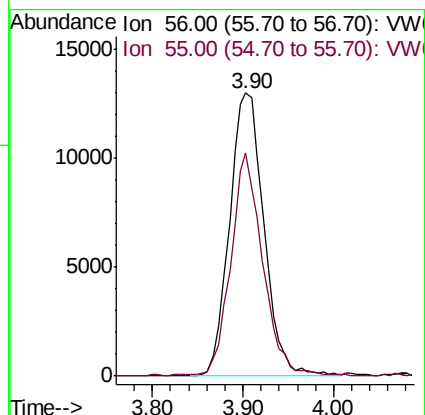
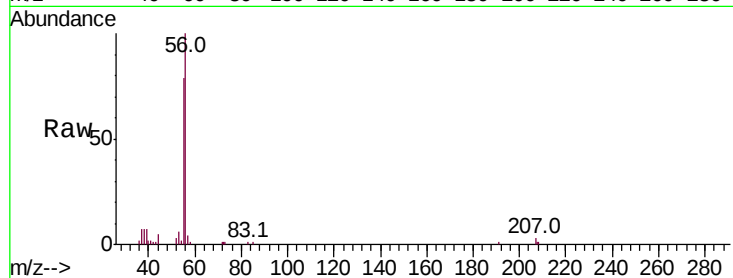
VW0906SBSD01

Tot Ion: 56 Resp: 34388

Ion Ratio Lower Upper

56 100

55 73.2 58.1 87.1



#14

Allyl chloride

Concen: 22.760 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

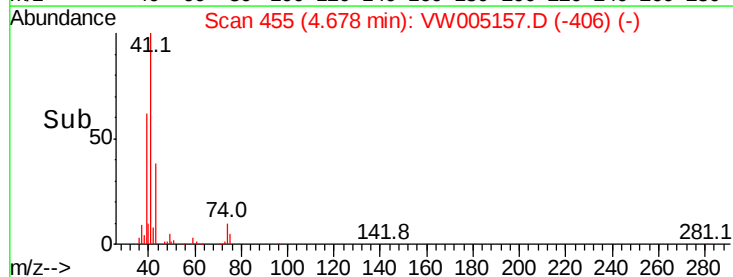
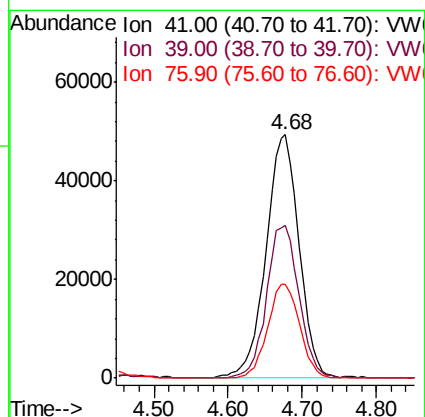
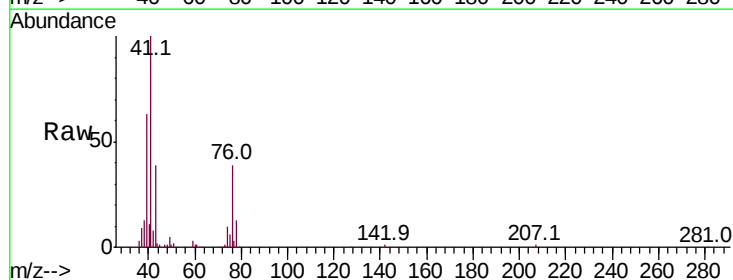
Tgt Ion: 41 Resp: 152705

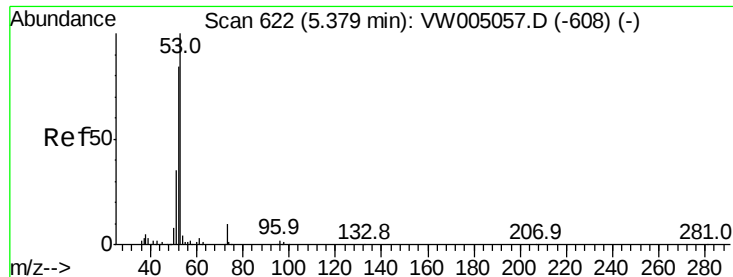
Ion Ratio Lower Upper

41 100

39 61.6 49.4 74.2

76 37.2 31.8 47.6





#15

Acrylonitrile

Concen: 123.762 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBS01

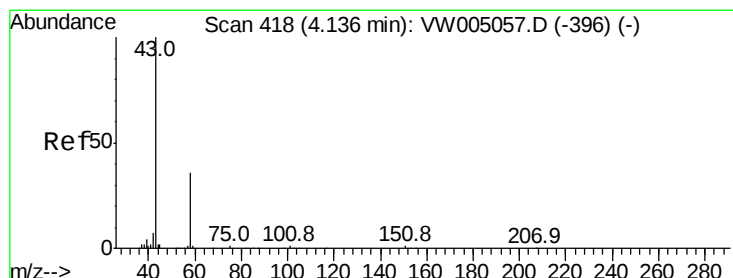
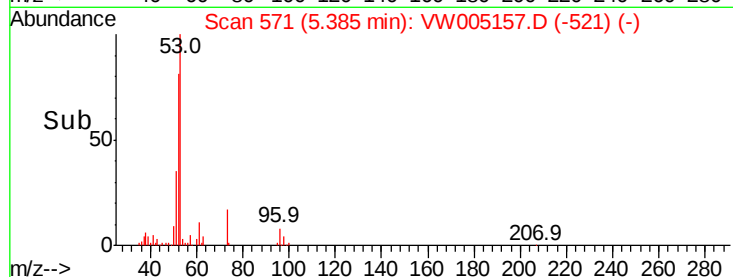
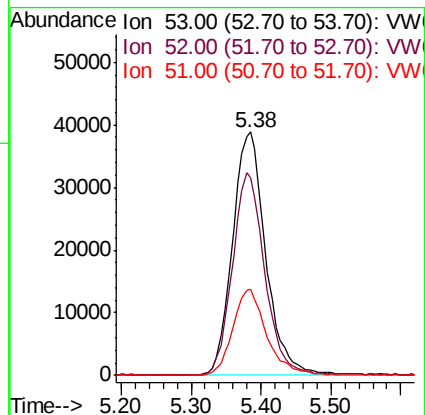
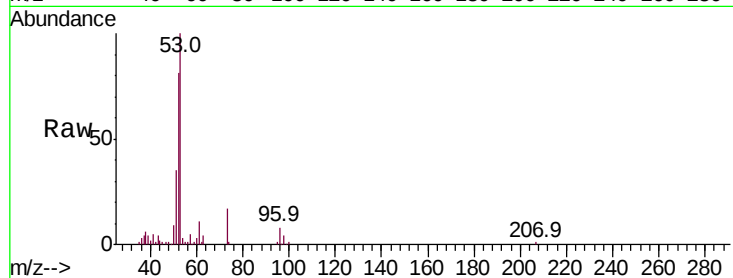
Tot Ion: 53 Resp: 128247

Ion Ratio Lower Upper

53 100

52 81.0 65.7 98.5

51 36.0 28.8 43.2



#16

Acetone

Concen: 137.018 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW005157.D

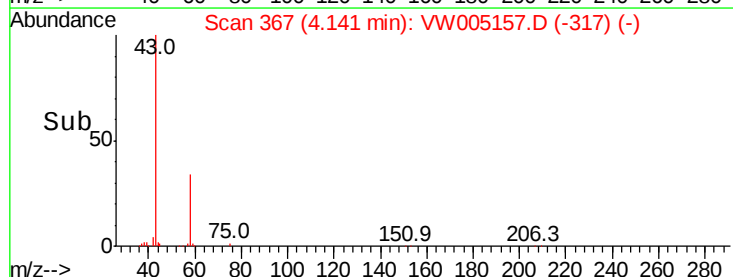
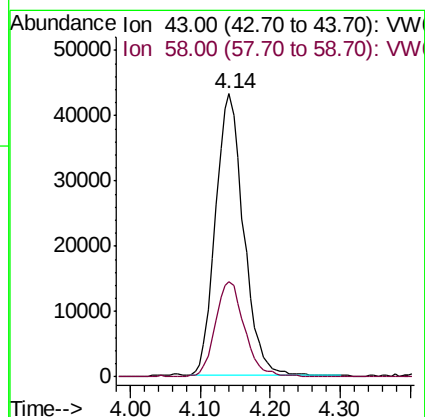
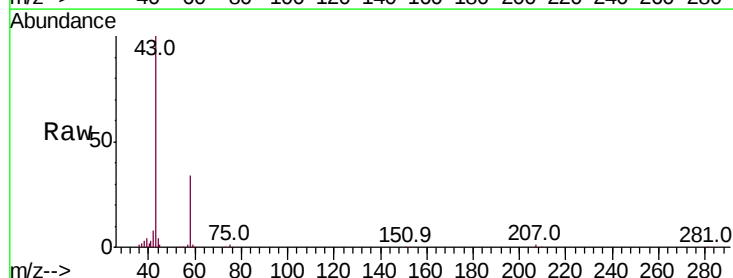
Acq: 06 Sep 2018 12:26

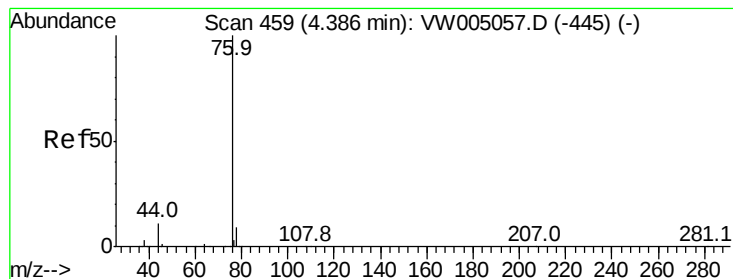
Tgt Ion: 43 Resp: 120909

Ion Ratio Lower Upper

43 100

58 33.6 29.0 43.6





#17

Carbon Disulfide

Concen: 22.830 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

ClientSampleId :

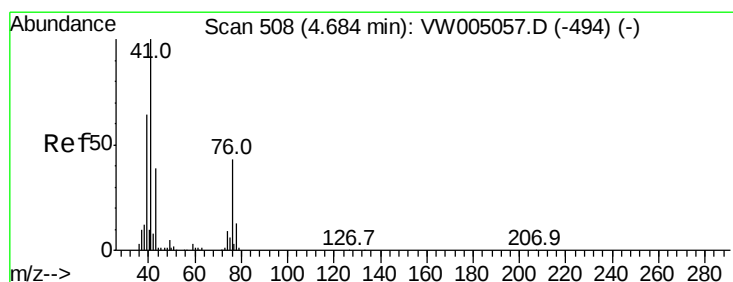
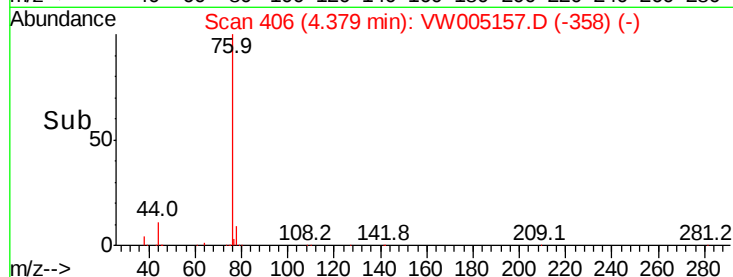
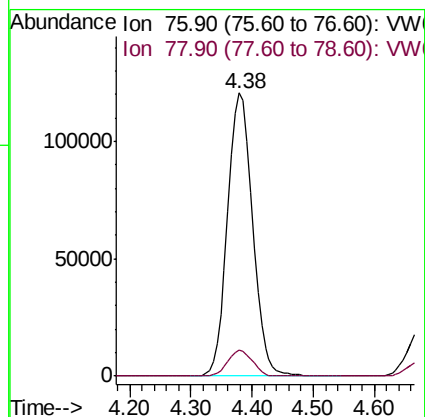
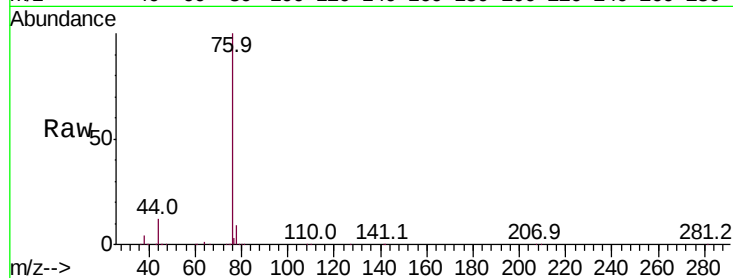
VW0906SBSD01

Tot Ion: 76 Resp: 341444

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9



#18

Methyl Acetate

Concen: 22.675 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW005157.D

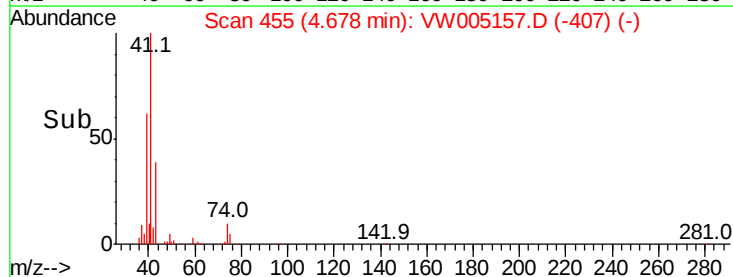
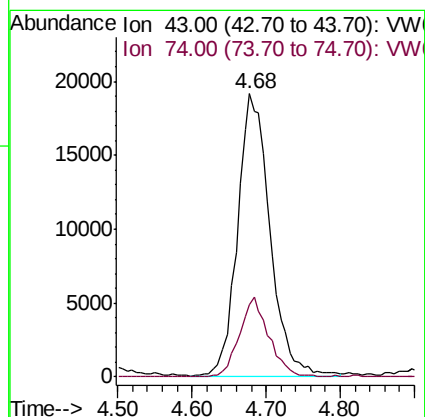
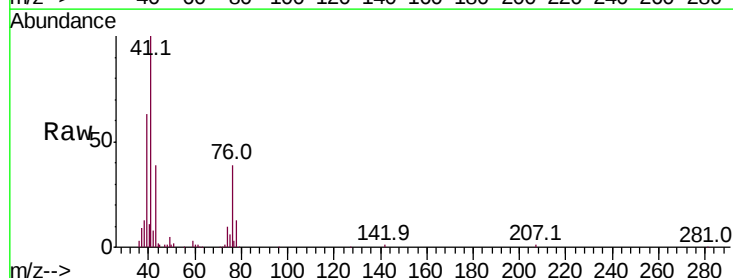
Acq: 06 Sep 2018 12:26

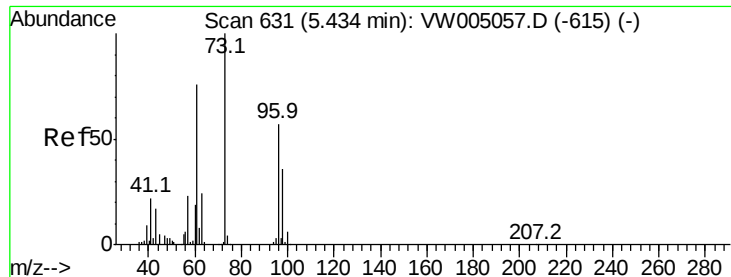
Tgt Ion: 43 Resp: 58860

Ion Ratio Lower Upper

43 100

74 25.3 20.7 31.1

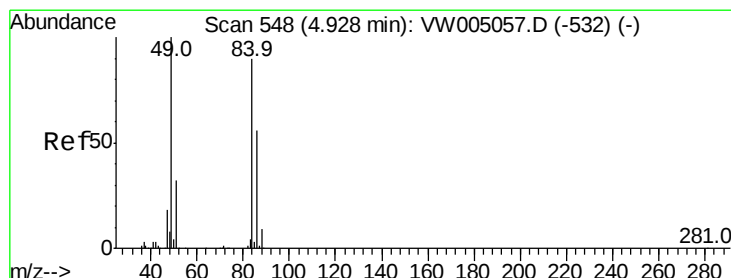
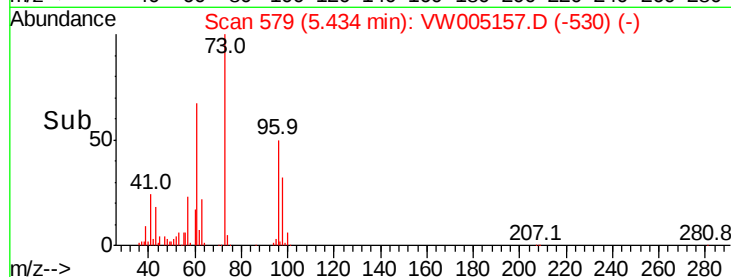
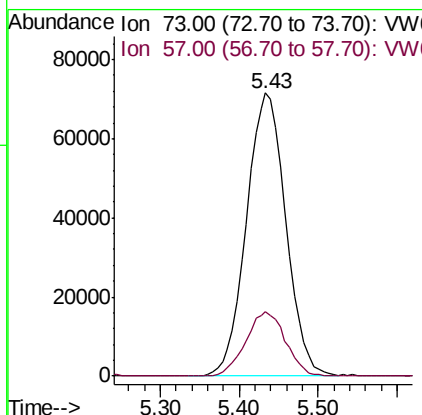
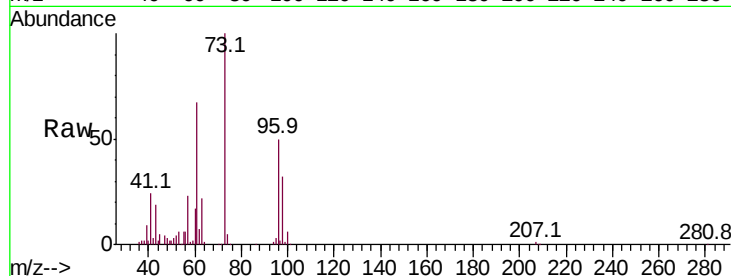




#19
Methvl tert-butvl Ether
Concen: 23.814 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

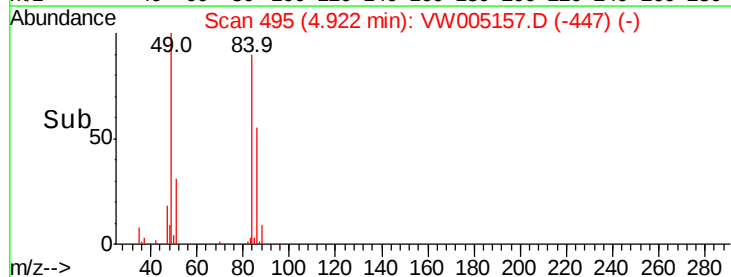
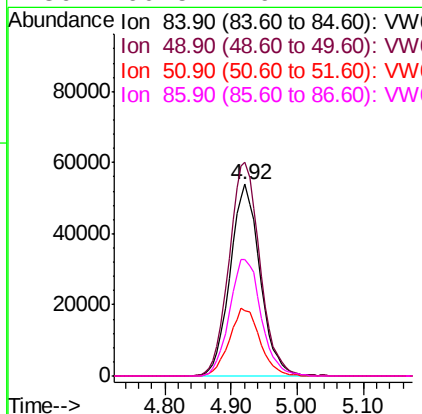
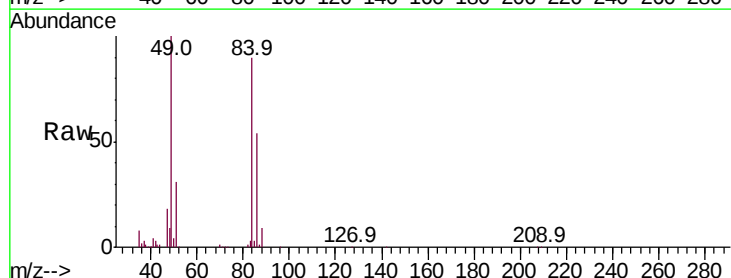
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD01

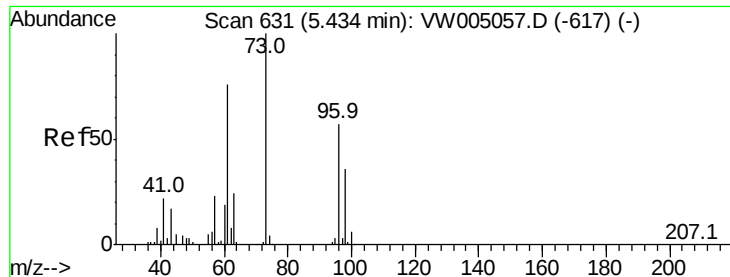
Tot Ion: 73 Resp: 248203
Ion Ratio Lower Upper
73 100
57 23.0 18.1 27.1



#20
Methylene Chloride
Concen: 26.649 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.01 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Tgt Ion: 84 Resp: 169698
Ion Ratio Lower Upper
84 100
49 111.5 88.7 133.1
51 34.3 28.6 42.8
86 60.5 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 20.991 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD01

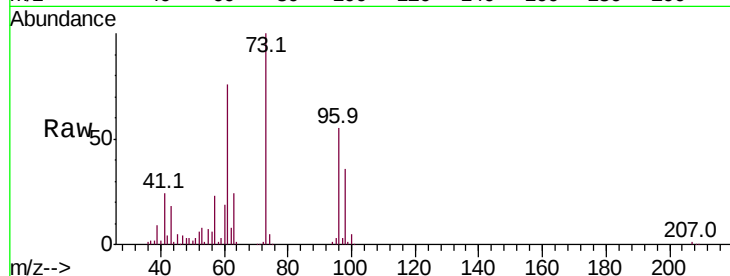
Tot Ion: 96 Resp: 109773

Ion Ratio Lower Upper

96 100

61 138.0 106.3 159.5

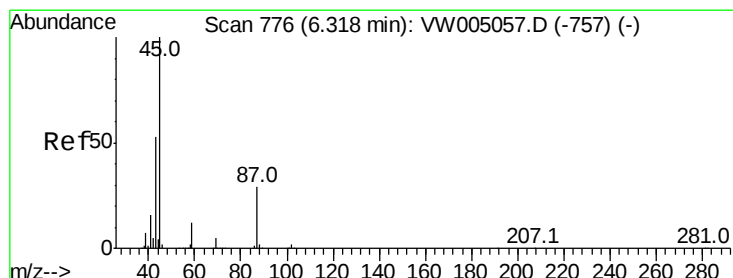
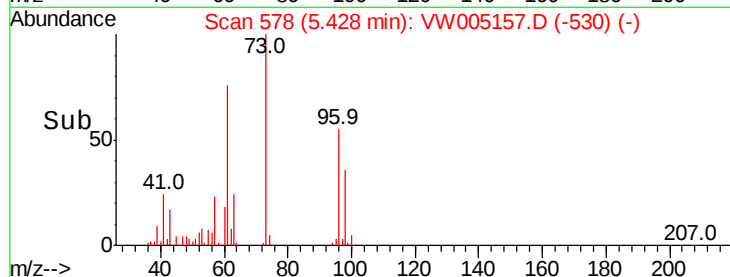
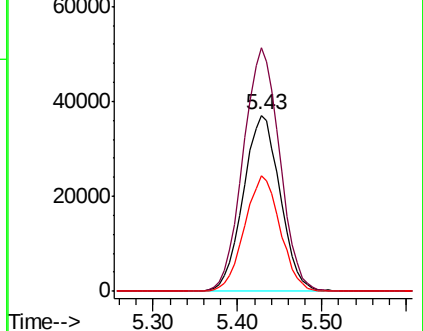
98 65.5 50.9 76.3



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: 23.150 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Tgt Ion: 45 Resp: 326838

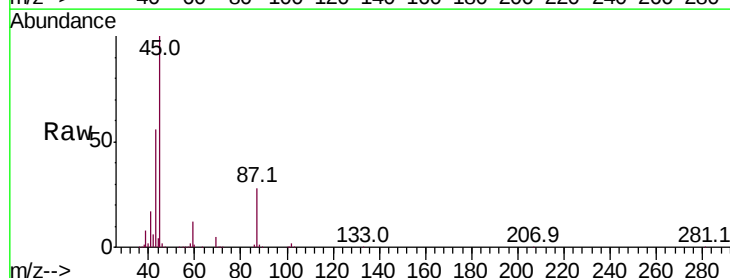
Ion Ratio Lower Upper

45 100

43 56.0 42.6 63.8

87 28.1 23.6 35.4

59 12.1 9.8 14.8

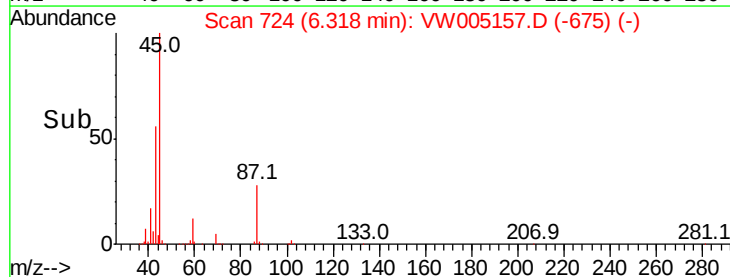
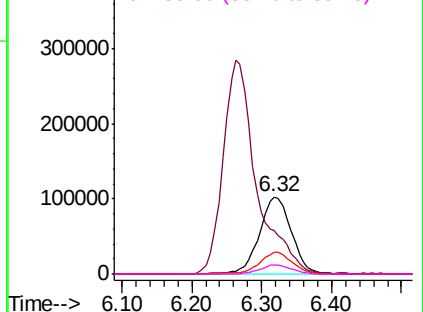


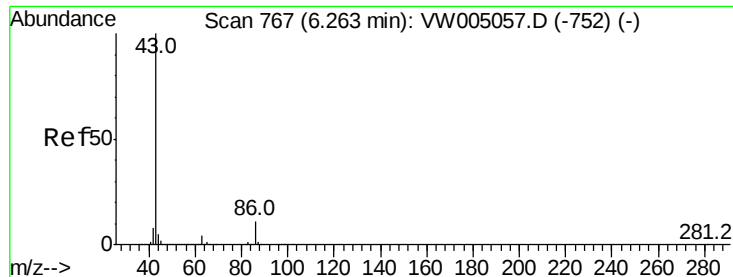
Abundance Ion 45.00 (44.70 to 45.70): VW

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: 126.727 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

ClientSampleId :

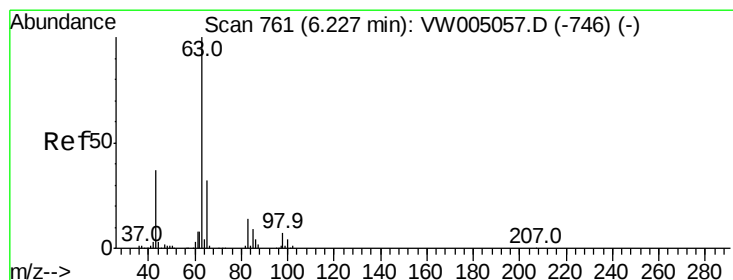
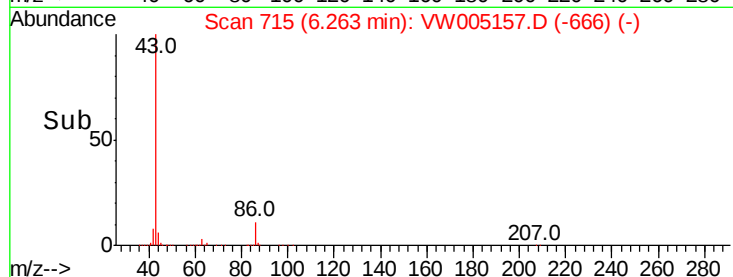
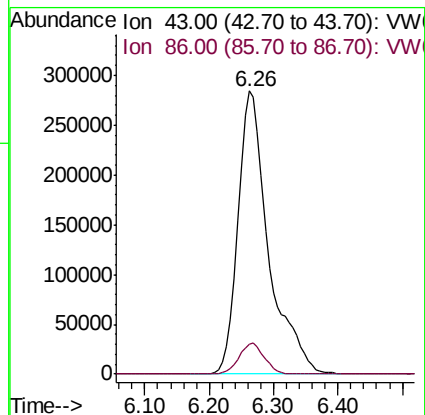
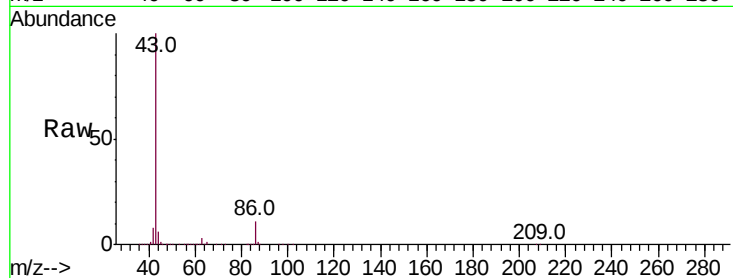
VW0906SBSD01

Tot Ion: 43 Resp: 939794

Ion Ratio Lower Upper

43 100

86 10.8 9.0 13.4



#24

1,1-Dichloroethane

Concen: 21.801 ug/l

RT: 6.23 min Scan# 709

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

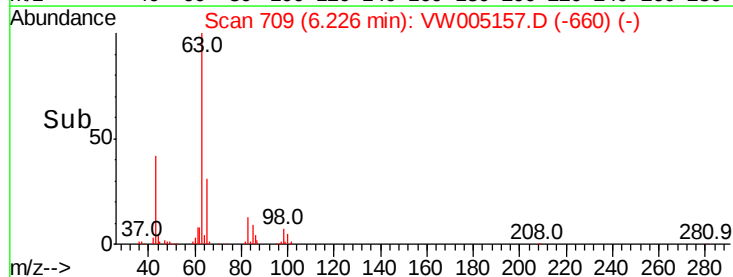
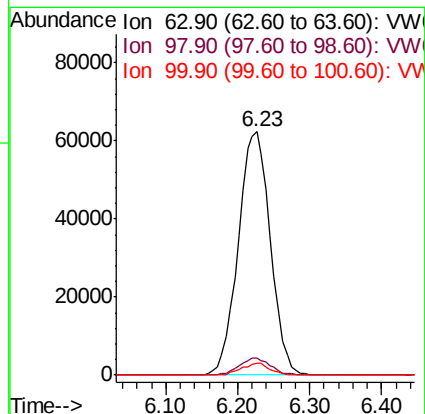
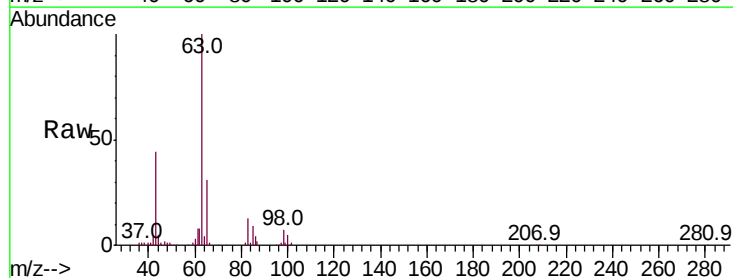
Tgt Ion: 63 Resp: 192392

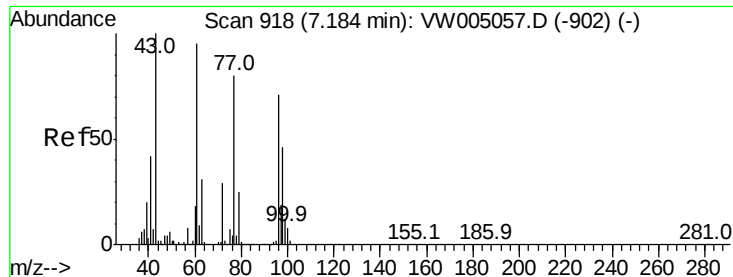
Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

100 5.1 2.2 6.6





#25

2-Butanone

Concen: 130.463 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

ClientSampleId :

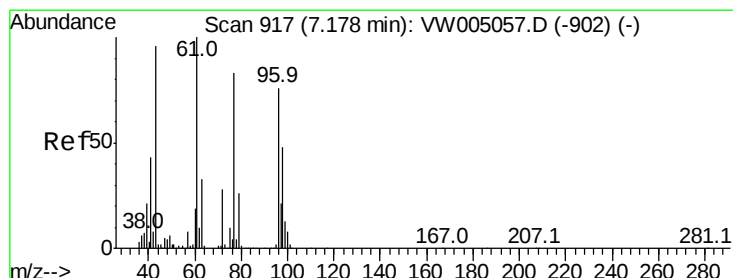
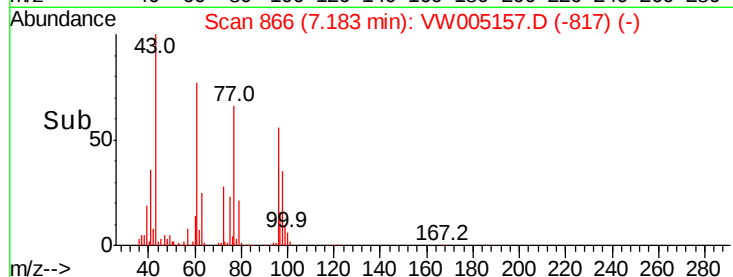
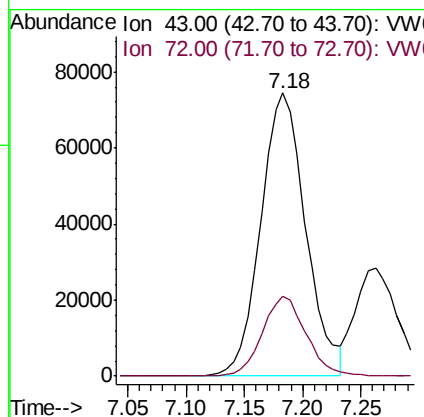
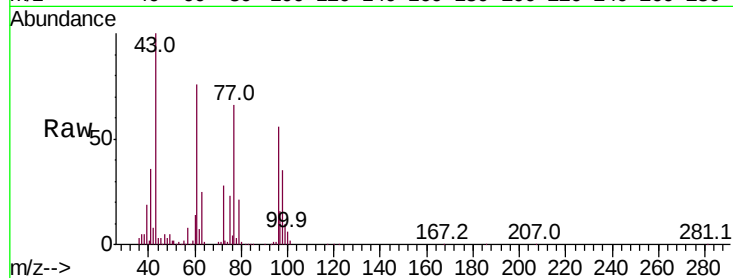
VW0906SBSD01

Tot Ion: 43 Resp: 199683

Ion Ratio Lower Upper

43 100

72 28.2 23.1 34.7



#26

2,2-Dichloropropane

Concen: 22.878 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005157.D

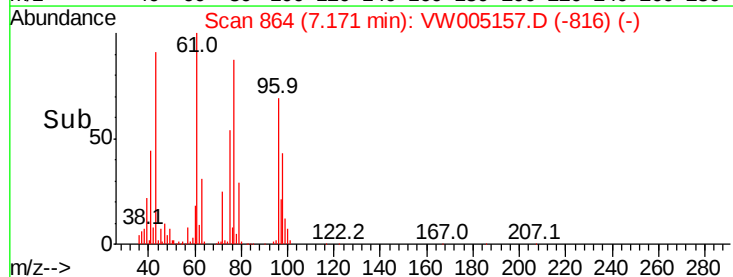
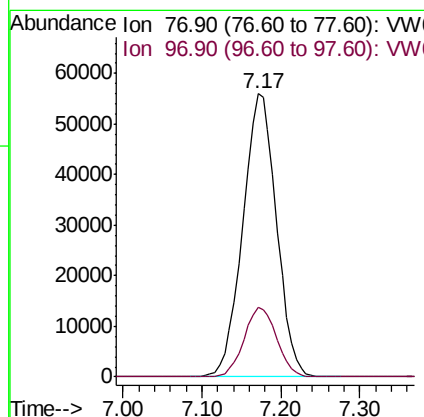
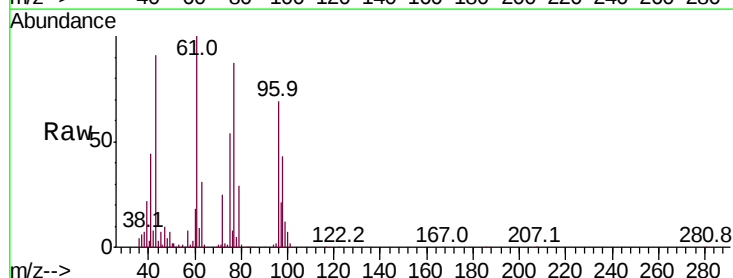
Acq: 06 Sep 2018 12:26

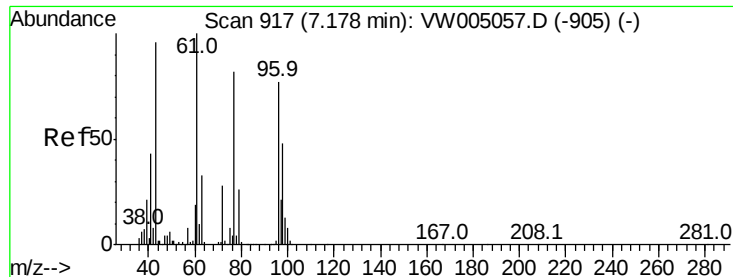
Tgt Ion: 77 Resp: 165914

Ion Ratio Lower Upper

77 100

97 23.8 12.2 36.6



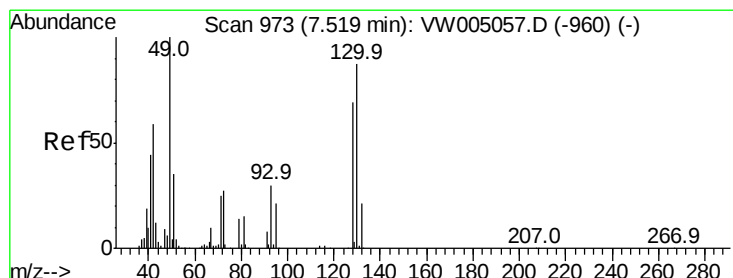
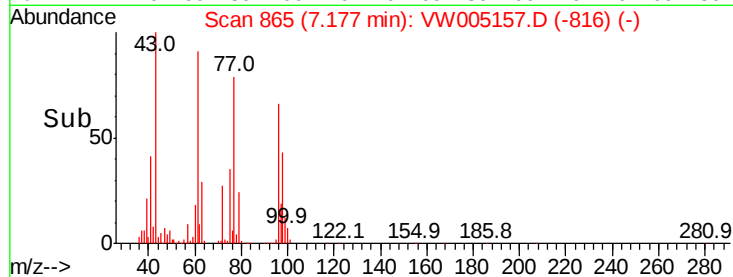
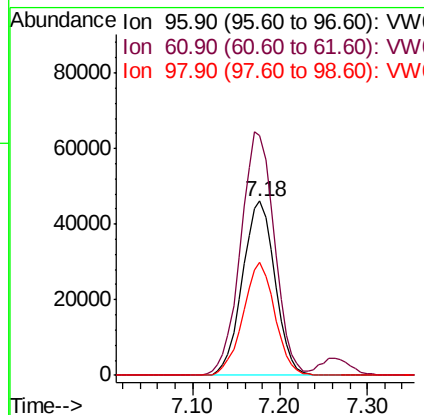
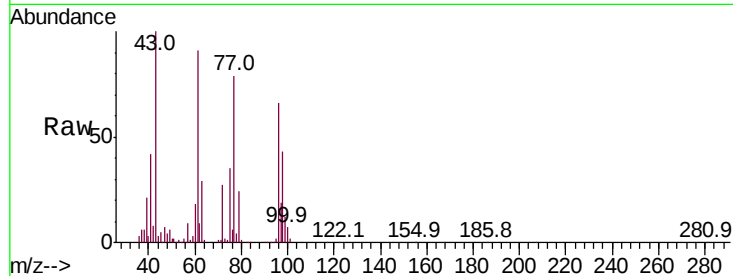


#27

cis-1,2-Dichloroethene
Concen: 20.973 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD01

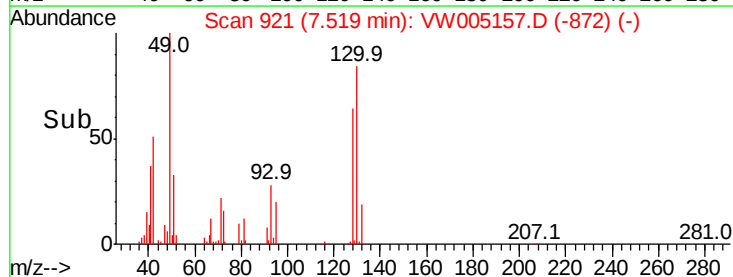
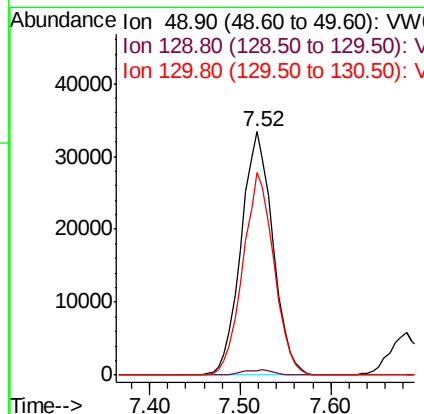
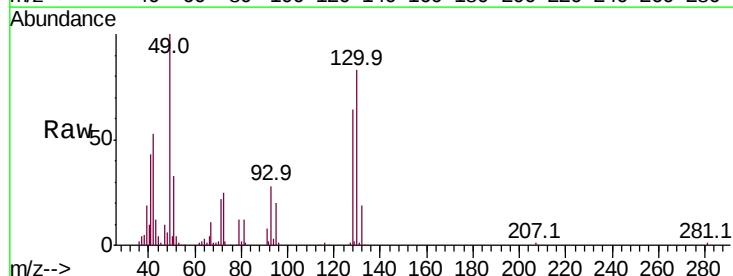
Tot Ion	Ratio	Lower	Upper
96	100		
61	144.1	0.0	273.2
98	62.9	0.0	127.8

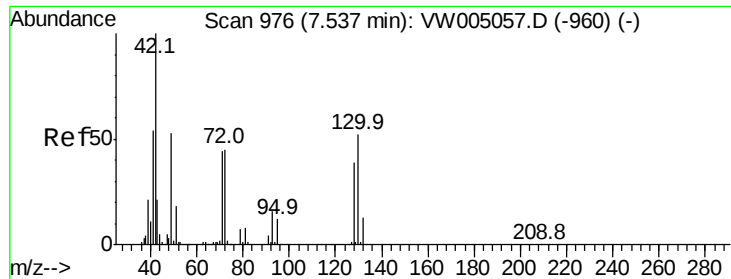


#28

Bromochloromethane
Concen: 22.811 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	81.4	69.6	104.4

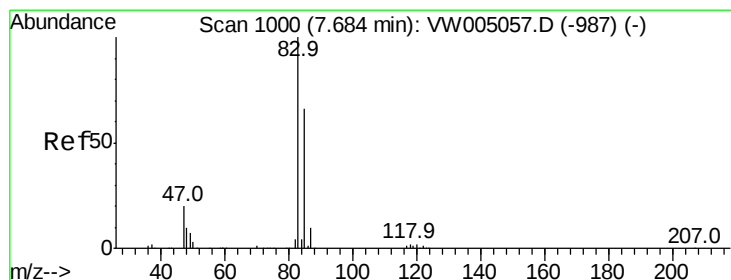
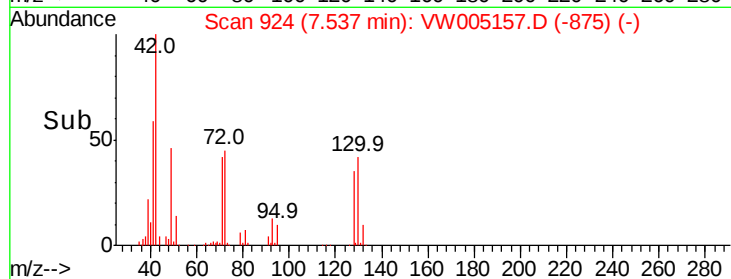
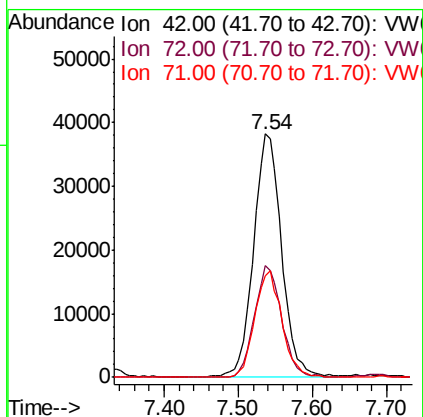
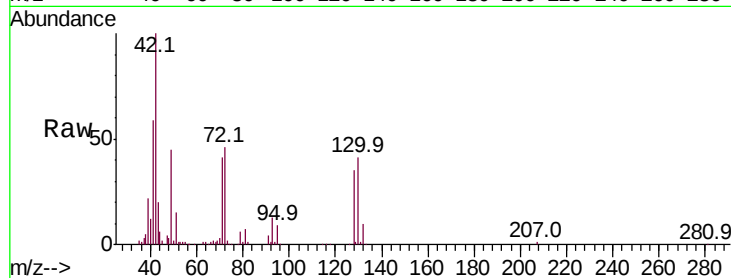




#29
Tetrahydrofuran
Concen: 128.414 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

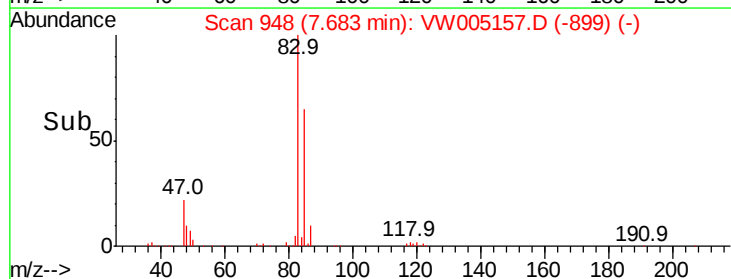
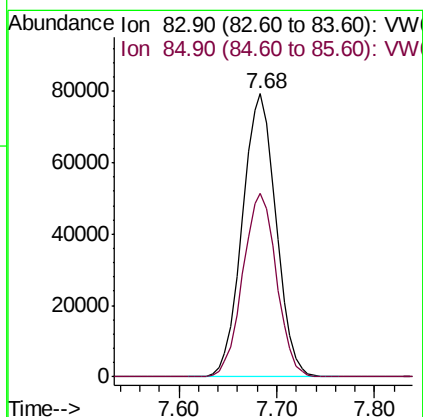
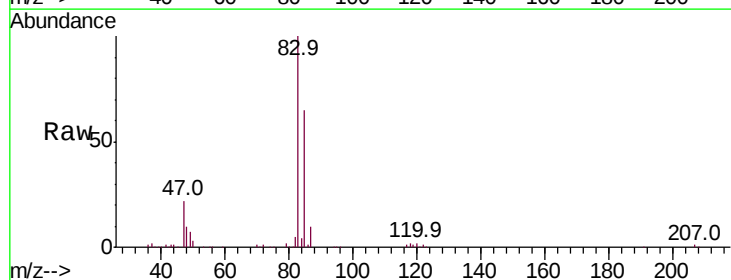
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD01

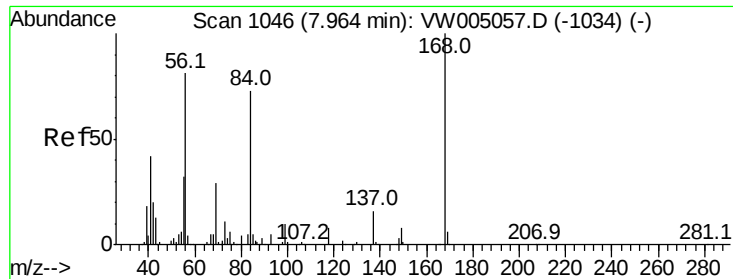
Tot Ion: 42 Resp: 100427
Ion Ratio Lower Upper
42 100
72 44.8 37.0 55.4
71 42.6 35.0 52.6



#30
Chloroform
Concen: 21.062 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Tgt Ion: 83 Resp: 189702
Ion Ratio Lower Upper
83 100
85 64.7 53.1 79.7

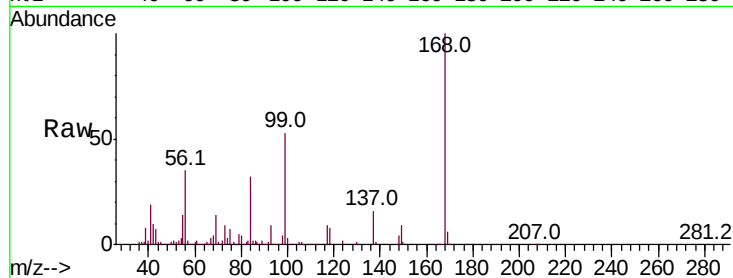




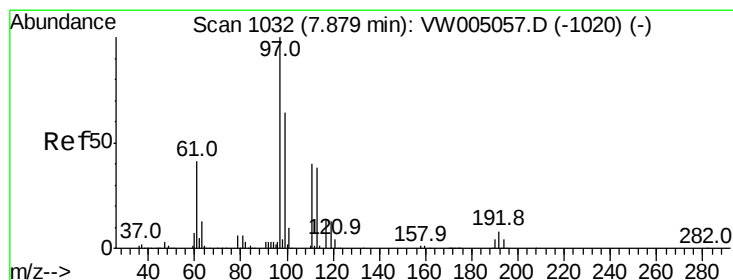
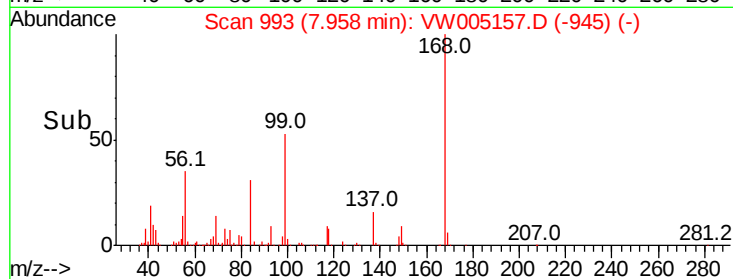
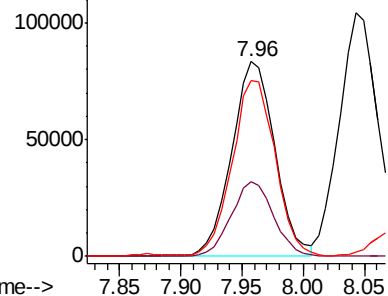
#31
Cvclohexane
Concen: 23.767 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

Tot Ion: 56 Resp: 205395
Ion Ratio Lower Upper
56 100
69 38.5 28.2 42.2
84 89.3 71.8 107.8

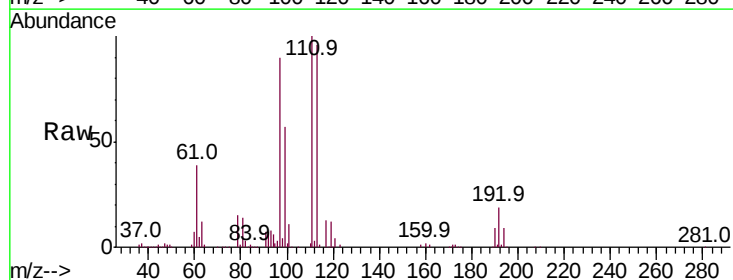


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

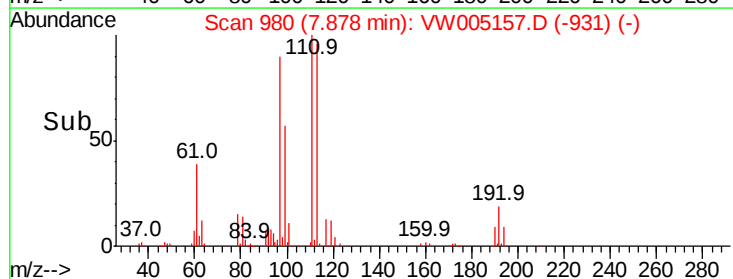
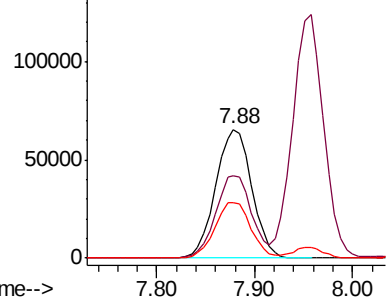


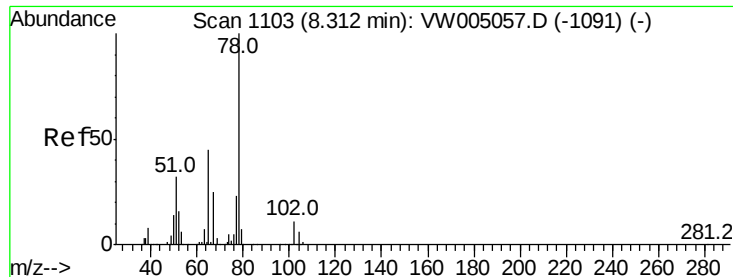
#32
1,1,1-Trichloroethane
Concen: 21.362 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Tgt Ion: 97 Resp: 167572
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.8
61 42.9 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

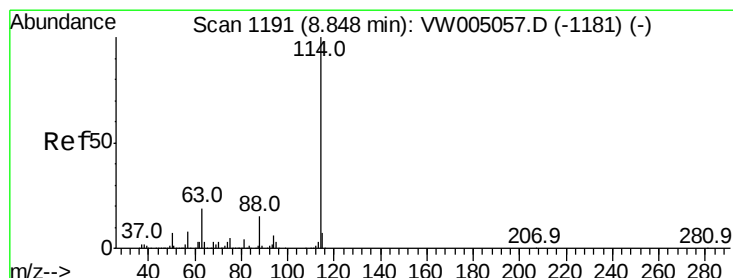
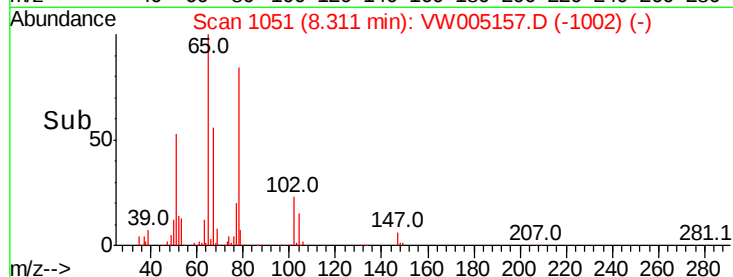
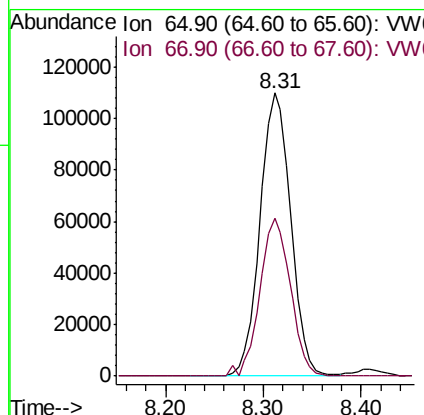
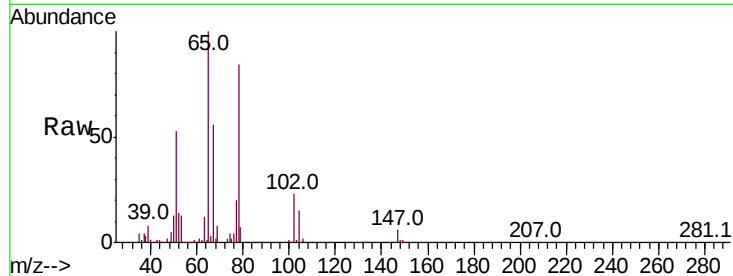




#33
 1,2-Dichloroethane-d4
 Concen: 54.428 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005157.D
 Acq: 06 Sep 2018 12:26

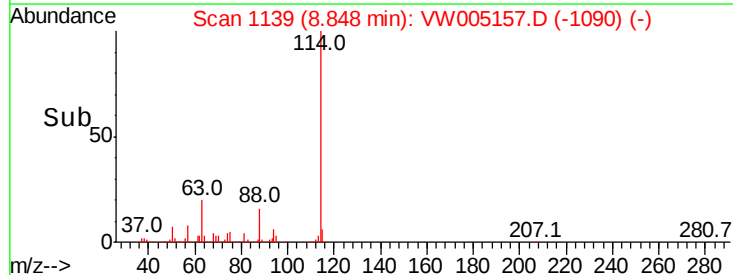
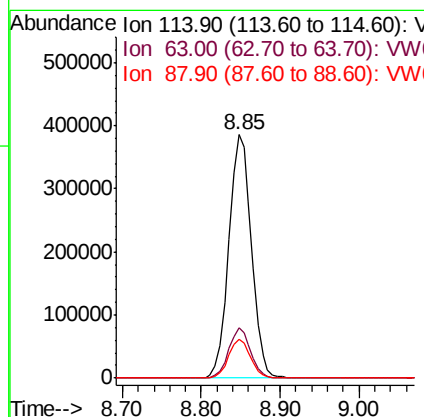
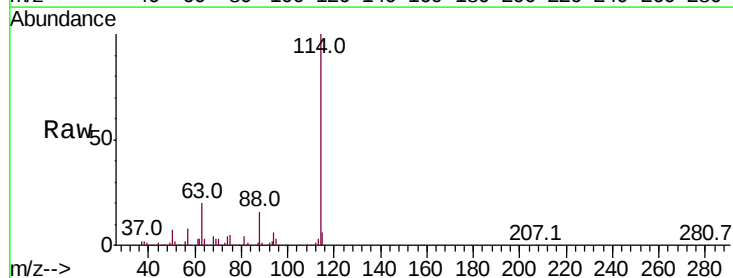
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD01

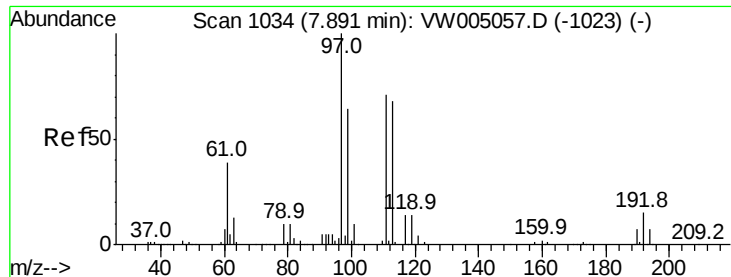
Tot Ion: 65 Resp: 239490
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005157.D
 Acq: 06 Sep 2018 12:26

Tgt Ion: 114 Resp: 769504
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 38.0
 88 15.9 0.0 30.2

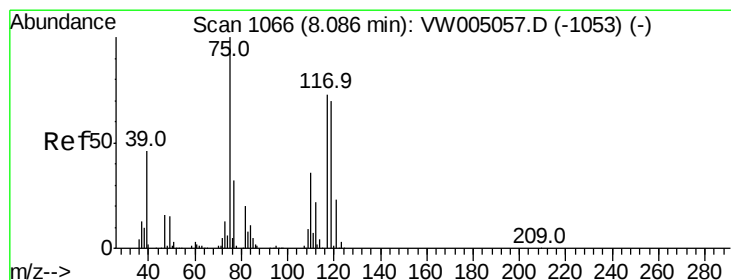
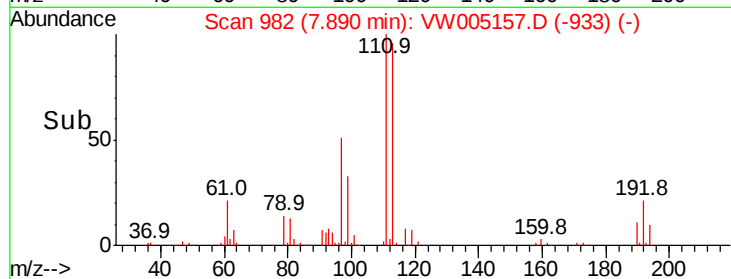
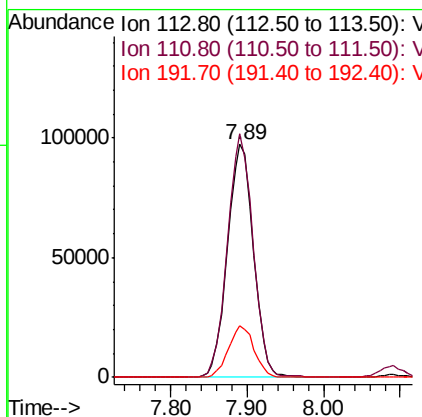
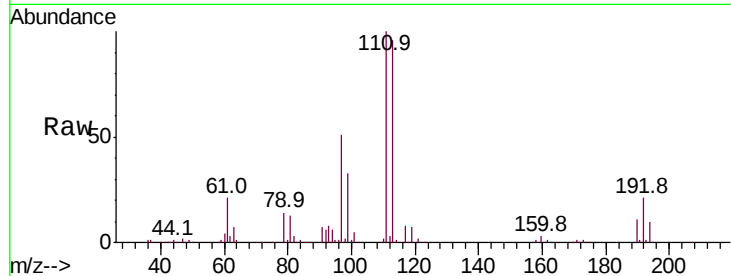




#35
 Dibromofluoromethane
 Concen: 51.319 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005157.D
 Acq: 06 Sep 2018 12:26

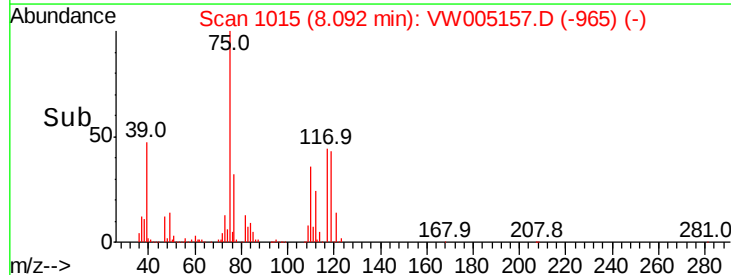
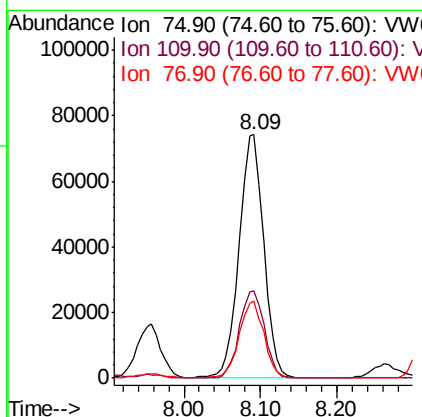
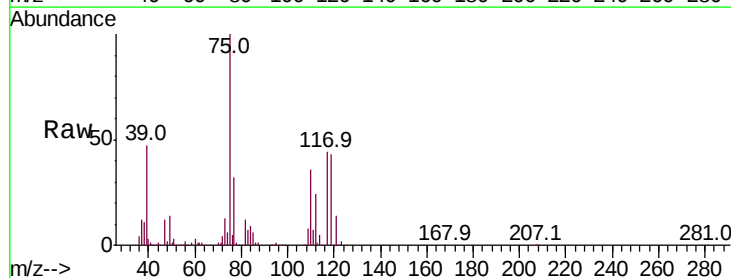
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD01

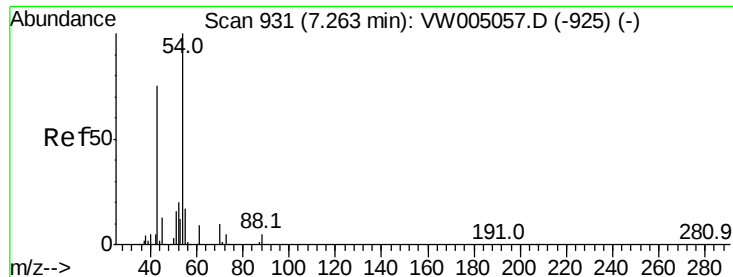
Tot Ion:113 Resp: 228208
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.2 123.2
 192 21.8 18.1 27.1



#36
 1,1-Dichloropropene
 Concen: 22.774 ug/l
 RT: 8.09 min Scan# 1015
 Delta R.T. 0.01 min
 Lab File: VW005157.D
 Acq: 06 Sep 2018 12:26

Tgt Ion: 75 Resp: 166902
 Ion Ratio Lower Upper
 75 100
 110 36.2 18.9 56.7
 77 31.6 25.5 38.3

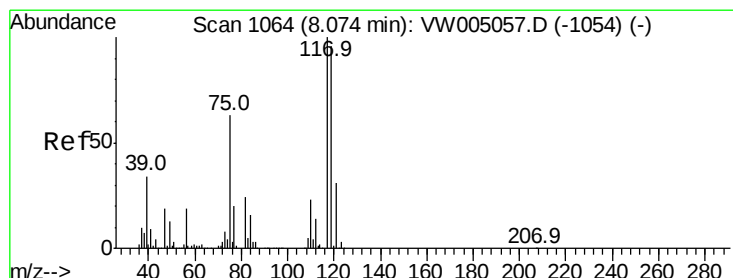
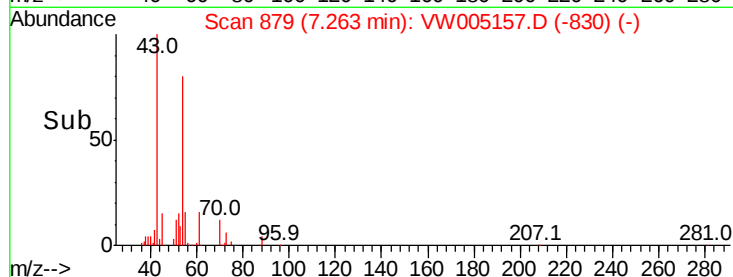
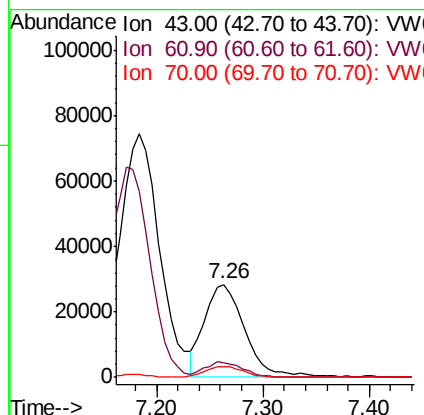
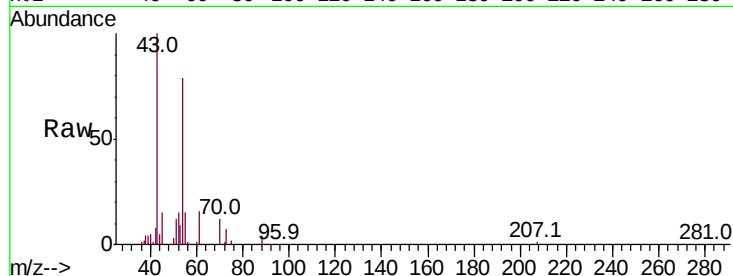




#37
Ethyl Acetate
Concen: 26.546 ug/l
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

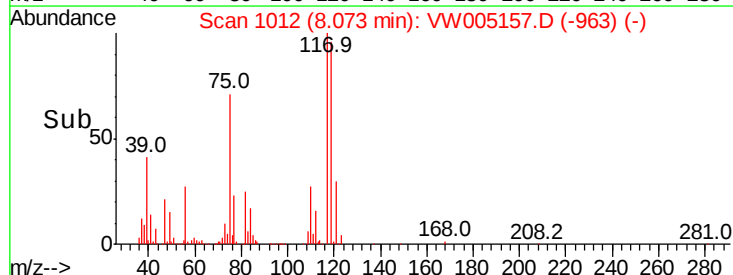
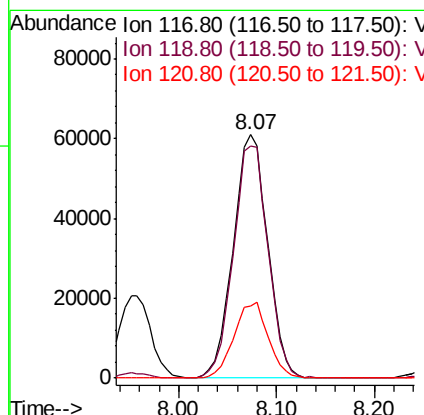
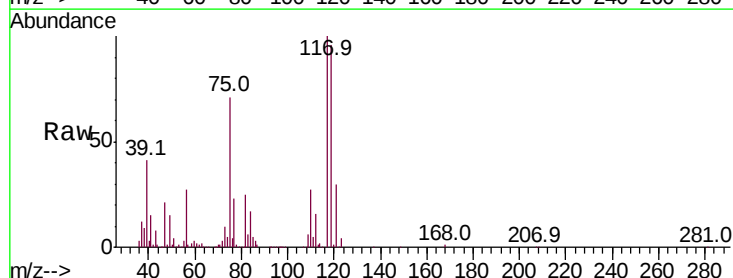
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD01

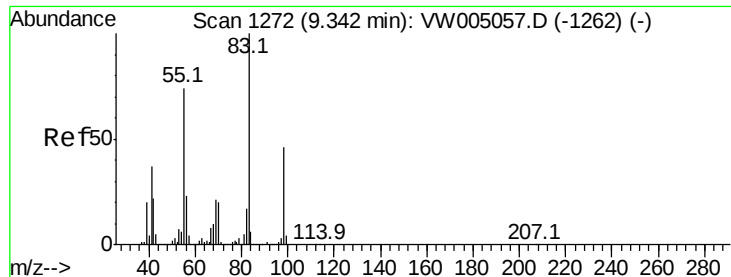
Tot Ion: 43 Resp: 72757
Ion Ratio Lower Upper
43 100
61 15.3 12.1 18.1
70 11.7 9.4 14.2



#38
Carbon Tetrachloride
Concen: 21.325 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Tgt Ion: 117 Resp: 148604
Ion Ratio Lower Upper
117 100
119 95.7 76.6 115.0
121 29.8 24.8 37.2

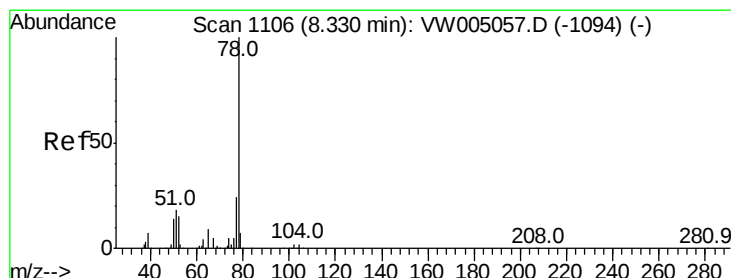
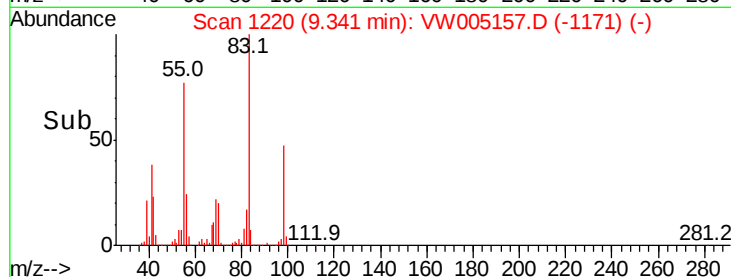
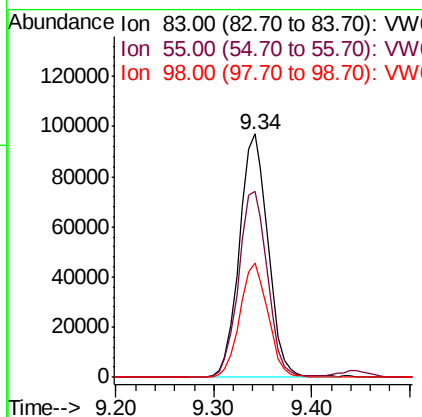
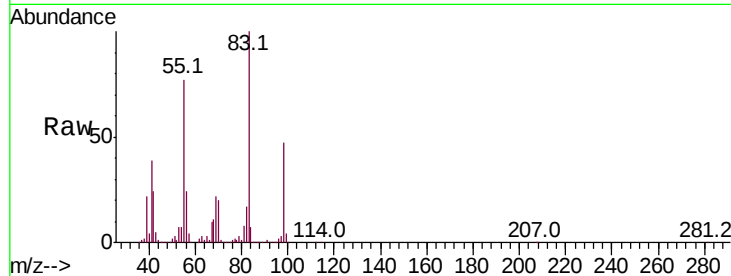




#39
Methvlcvclohexane
Concen: 22.234 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

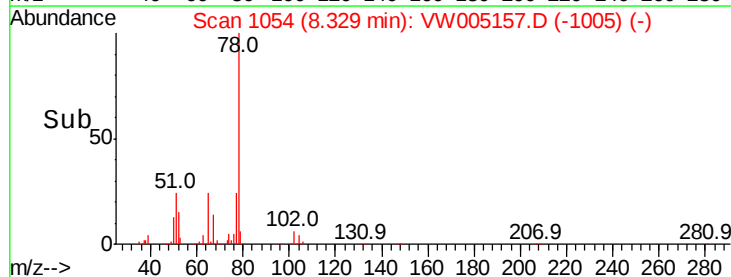
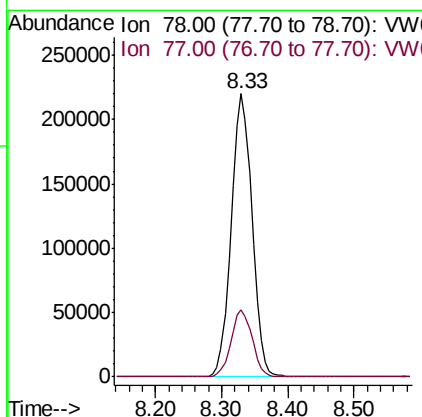
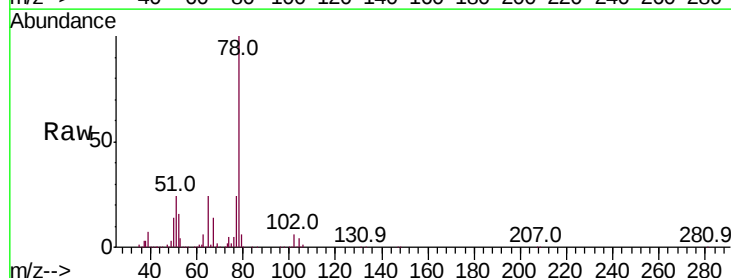
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD01

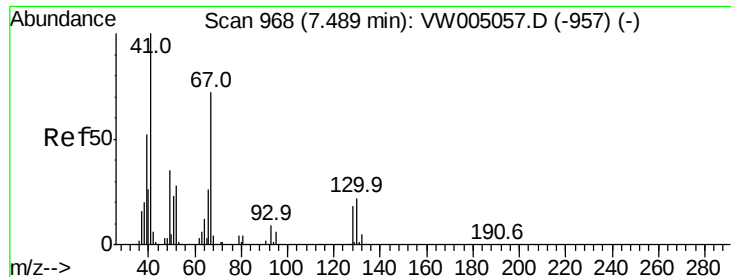
Tot Ion: 83 Resp: 197059
Ion Ratio Lower Upper
83 100
55 76.6 58.9 88.3
98 46.8 36.8 55.2



#40
Benzene
Concen: 21.353 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Tgt Ion: 78 Resp: 479073
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.0

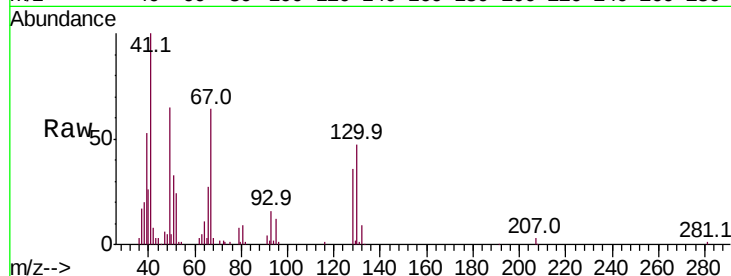




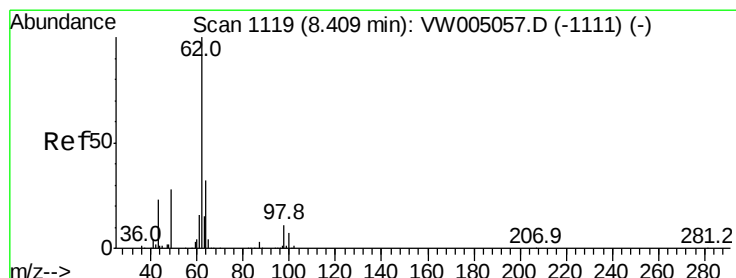
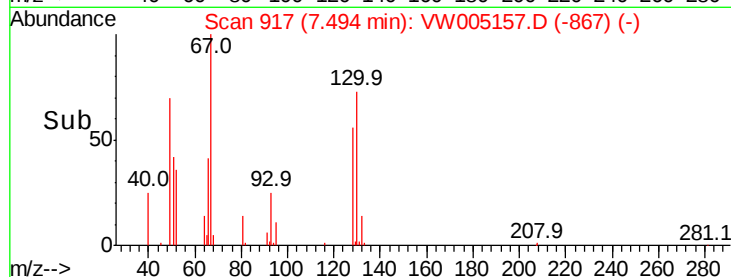
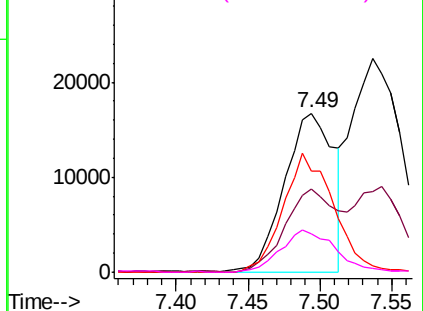
#41
Methacrylonitrile
Concen: 25.168 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD01

Tot Ion:	41	Resp:	39967
Ion	Ratio	Lower	Upper
41	100		
39	57.6	41.8	62.8
67	76.6	60.4	90.6
52	29.7	23.8	35.8

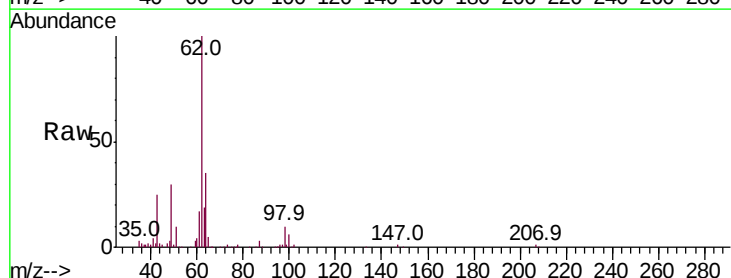


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

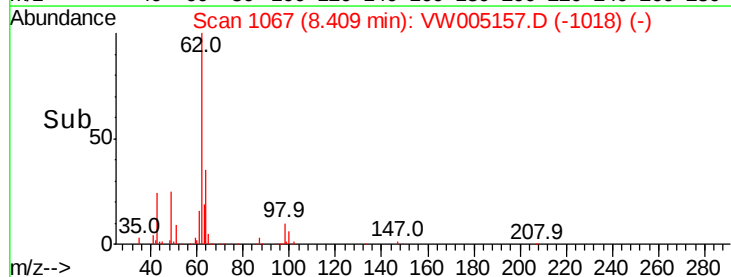
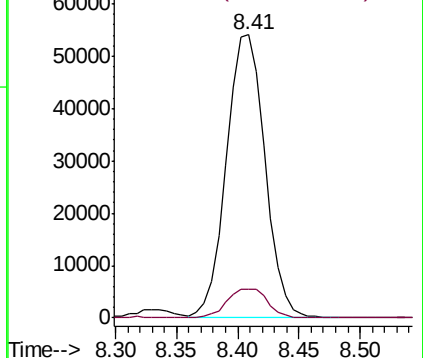


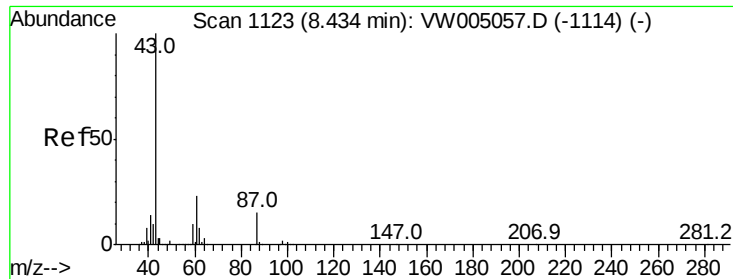
#42
1,2-Dichloroethane
Concen: 21.522 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Tgt Ion:	62	Resp:	118173
Ion	Ratio	Lower	Upper
62	100		
98	10.8	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: 25.237 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD01

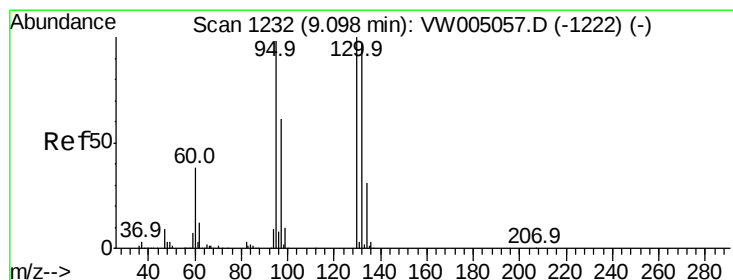
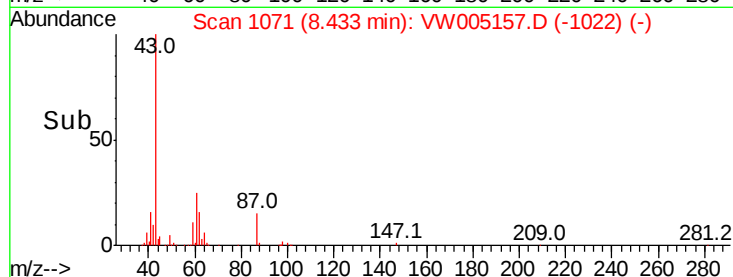
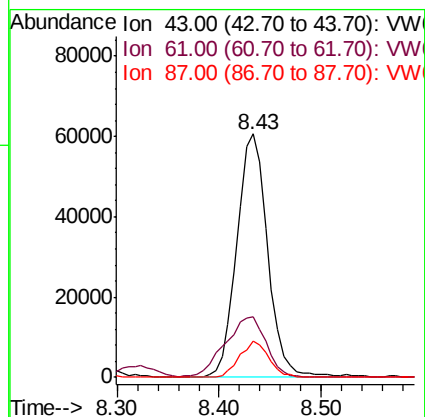
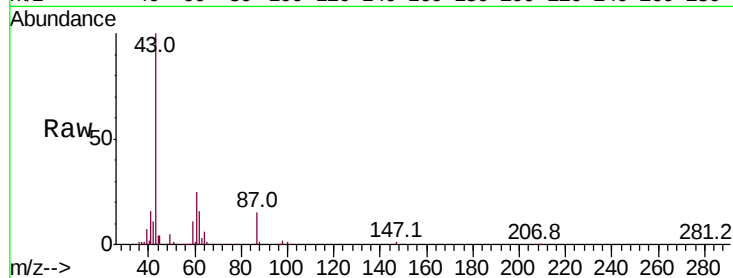
Tot Ion: 43 Resp: 125866

Ion Ratio Lower Upper

43 100

61 33.8 26.8 40.2

87 14.5 11.6 17.4



#44

Trichloroethene

Concen: 21.022 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW005157.D

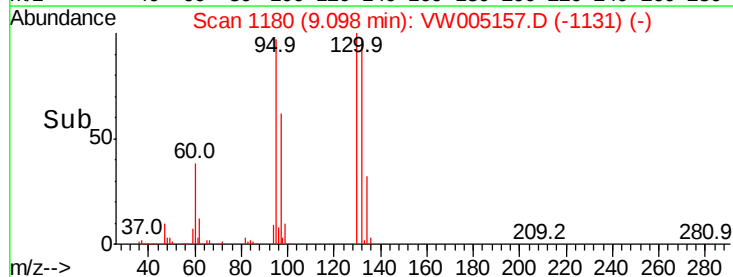
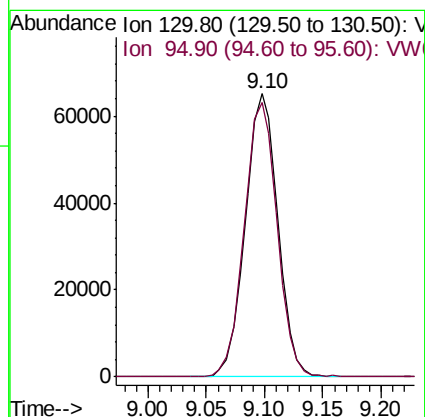
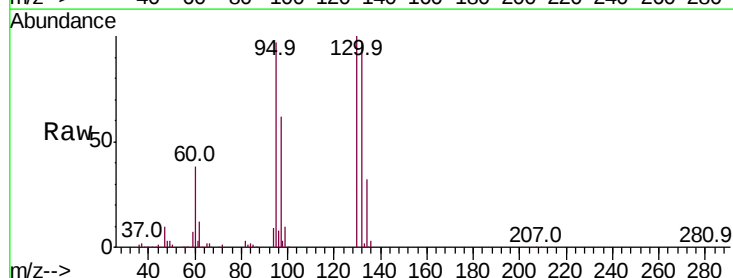
Acq: 06 Sep 2018 12:26

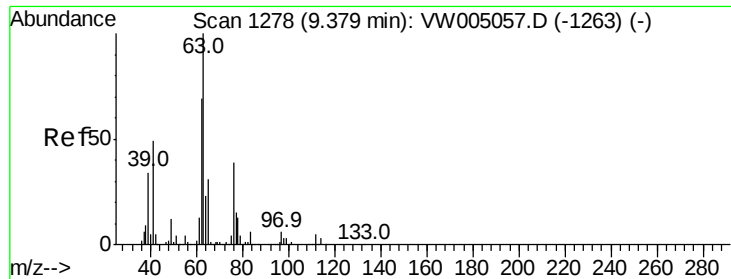
Tgt Ion: 130 Resp: 127256

Ion Ratio Lower Upper

130 100

95 96.9 0.0 195.2





#45

1,2-Dichloropropane

Concen: 21.933 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.01 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

ClientSampleId :

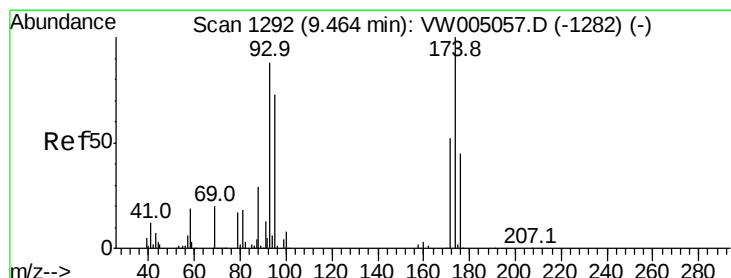
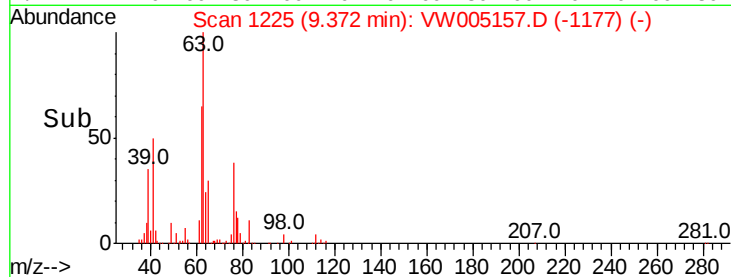
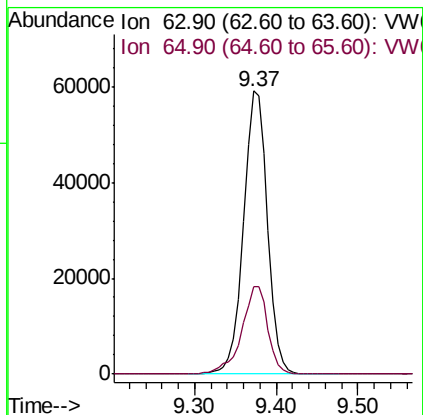
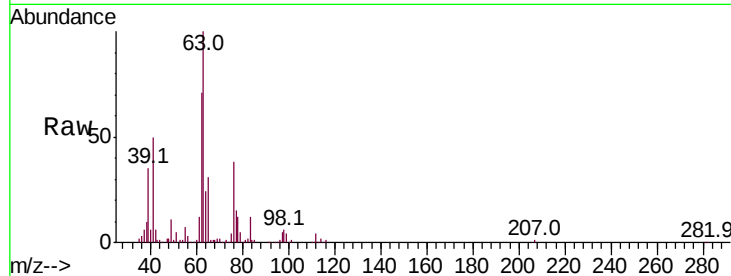
VW0906SBSD01

Tot Ion: 63 Resp: 120212

Ion Ratio Lower Upper

63 100

65 30.7 24.6 37.0



#46

Dibromomethane

Concen: 21.782 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

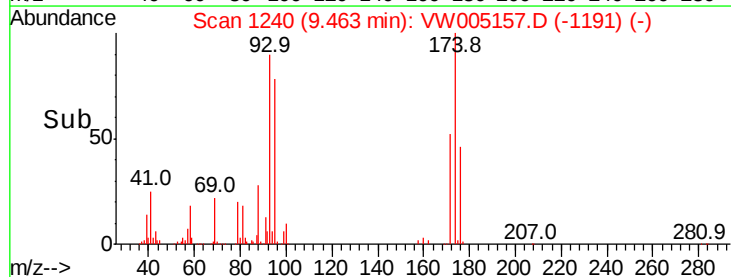
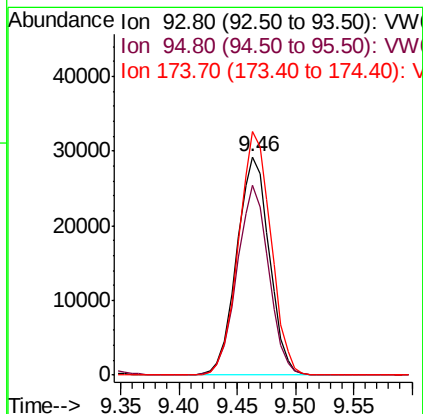
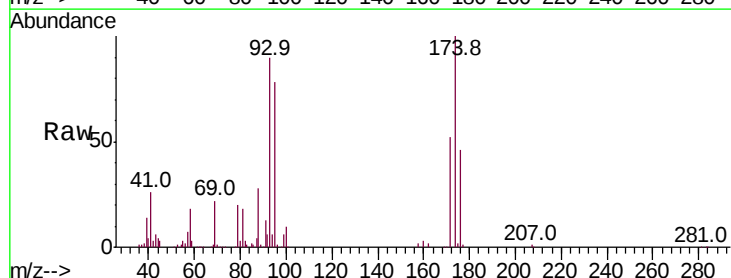
Tgt Ion: 93 Resp: 57087

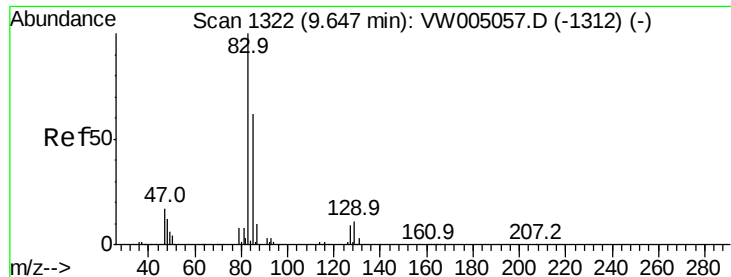
Ion Ratio Lower Upper

93 100

95 84.9 66.2 99.4

174 111.2 92.0 138.0





#47

Bromodichloromethane

Concen: 21.368 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD01

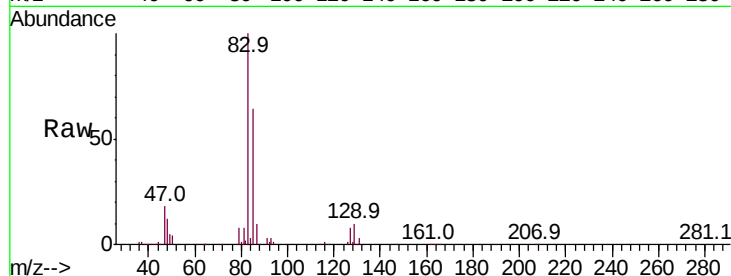
Tot Ion: 83 Resp: 141012

Ion Ratio Lower Upper

83 100

85 64.4 49.8 74.6

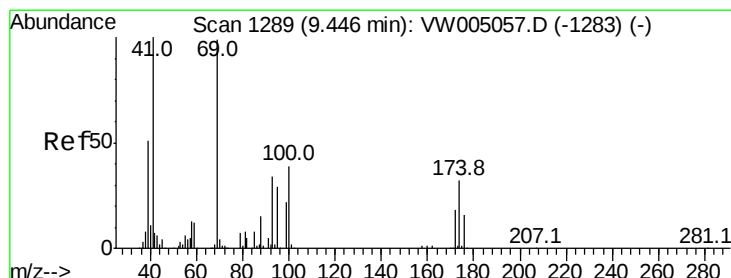
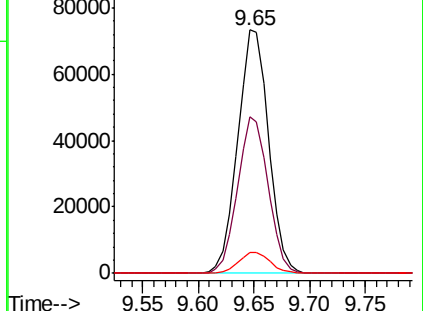
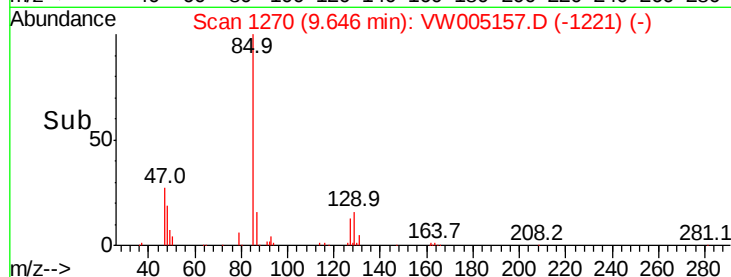
127 8.4 7.0 10.4



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: 24.589 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

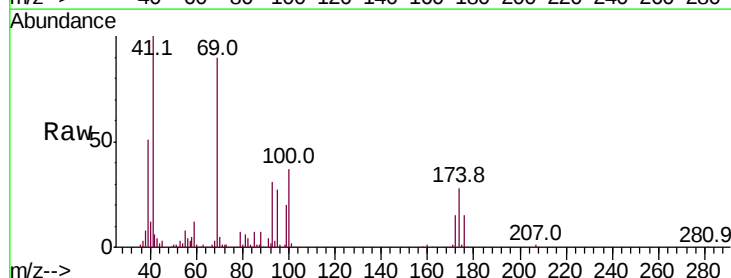
Tgt Ion: 41 Resp: 59050

Ion Ratio Lower Upper

41 100

69 95.5 80.4 120.6

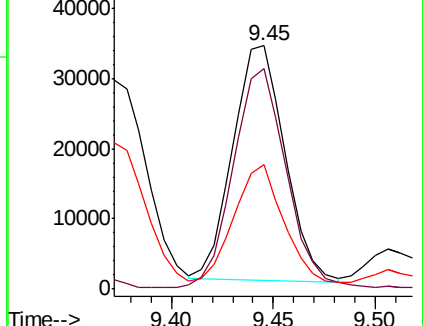
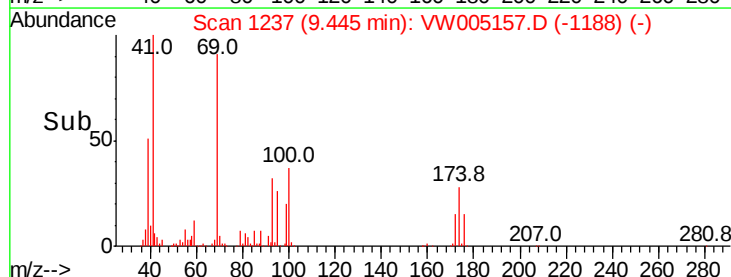
39 48.7 43.5 65.3

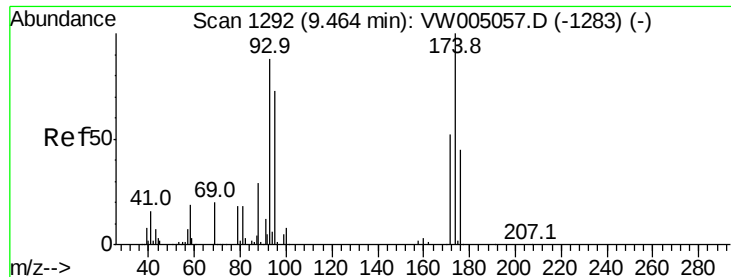


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 474.979 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

ClientSampled :

VW0906SBSD01

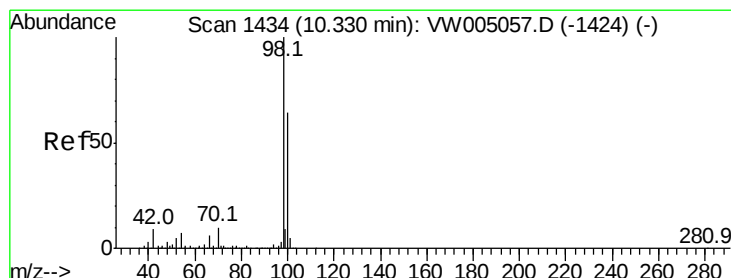
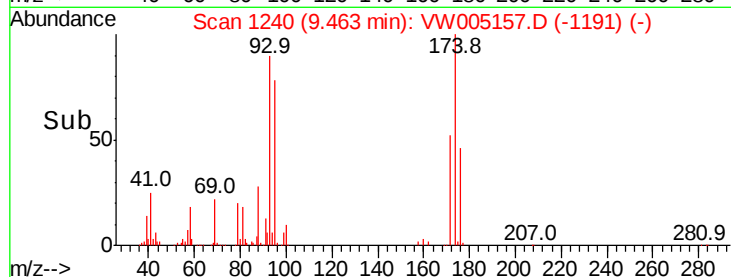
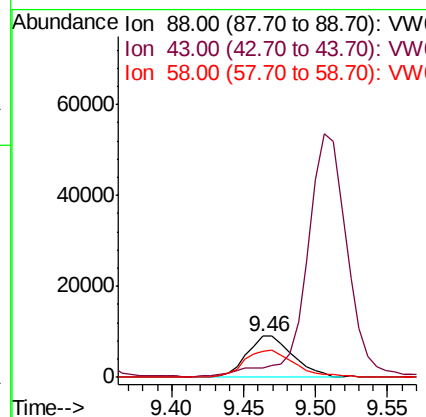
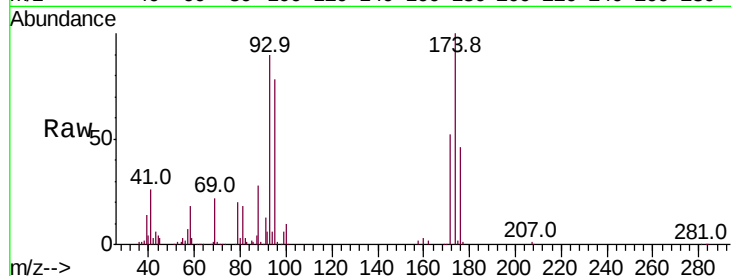
Tot Ion: 88 Resp: 20131

Ion Ratio Lower Upper

88 100

43 0.0 19.8 29.6#

58 73.8 57.1 85.7



#50

Toluene-d8

Concen: 52.524 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005157.D

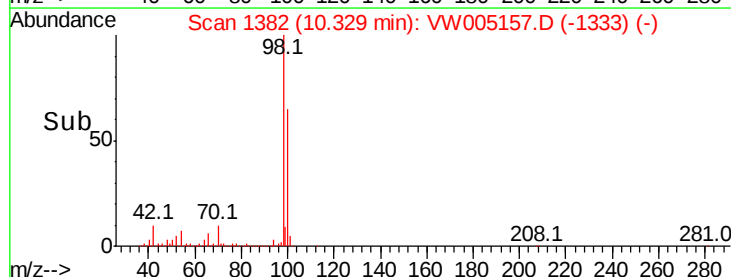
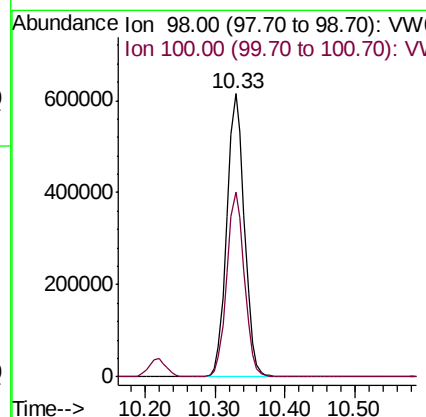
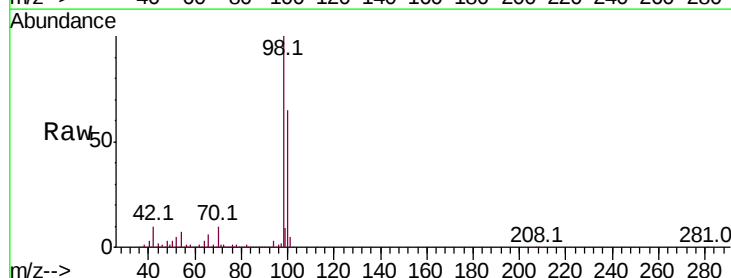
Acq: 06 Sep 2018 12:26

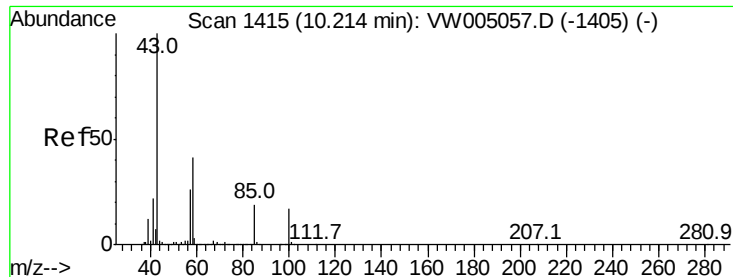
Tgt Ion: 98 Resp: 1076221

Ion Ratio Lower Upper

98 100

100 65.2 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 131.829 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

ClientSampleID :

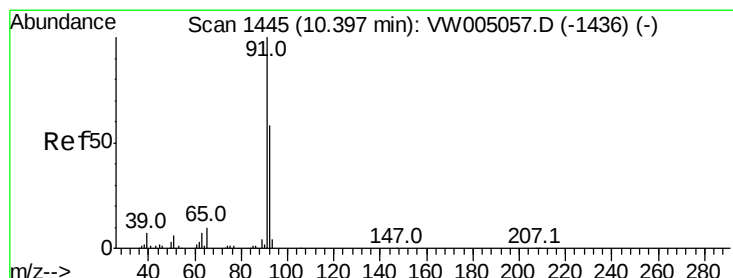
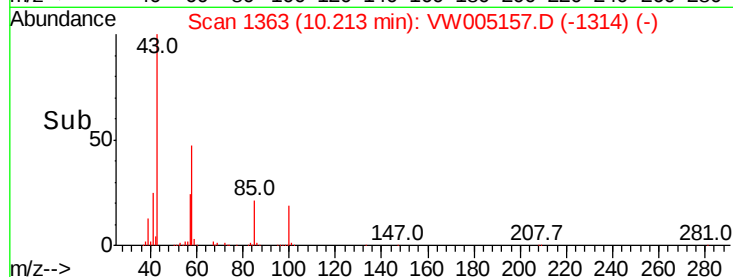
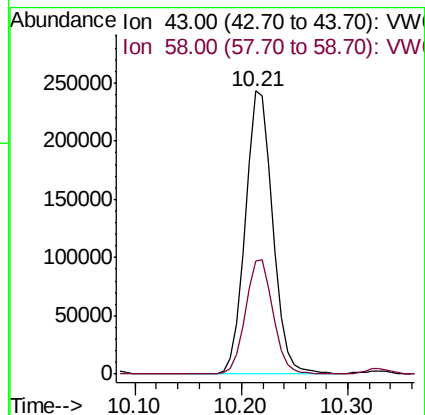
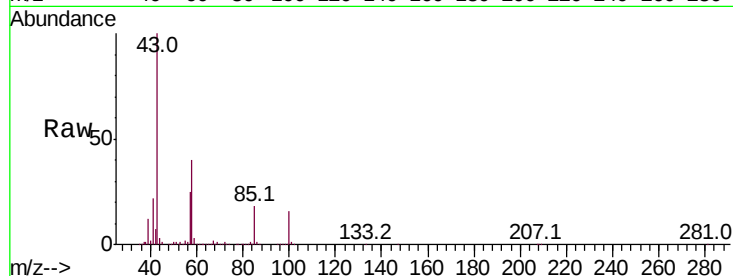
VW0906SBSD01

Tot Ion: 43 Resp: 440641

Ion Ratio Lower Upper

43 100

58 40.8 33.3 49.9



#52

Toluene

Concen: 21.318 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW005157.D

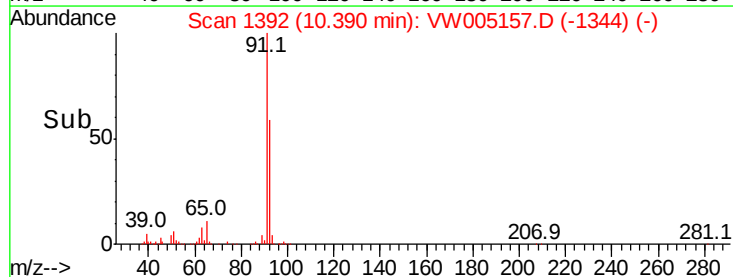
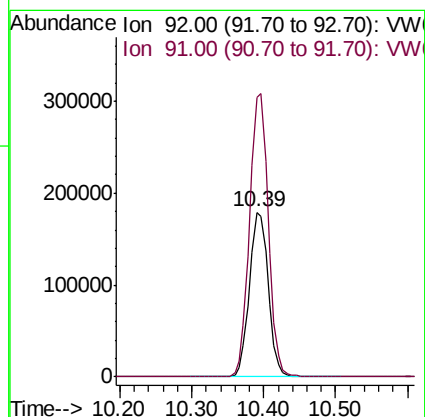
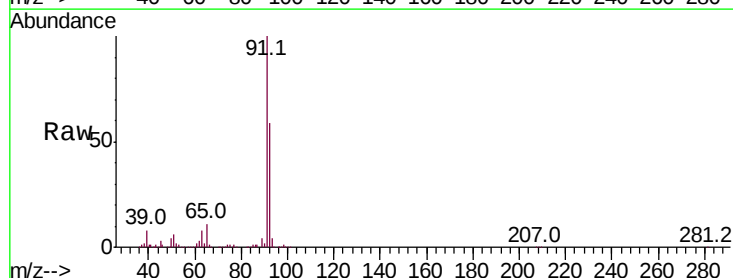
Acq: 06 Sep 2018 12:26

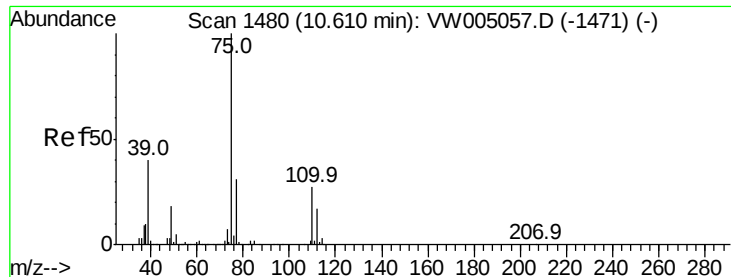
Tgt Ion: 92 Resp: 324075

Ion Ratio Lower Upper

92 100

91 171.7 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 22.767 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

ClientSampleId :

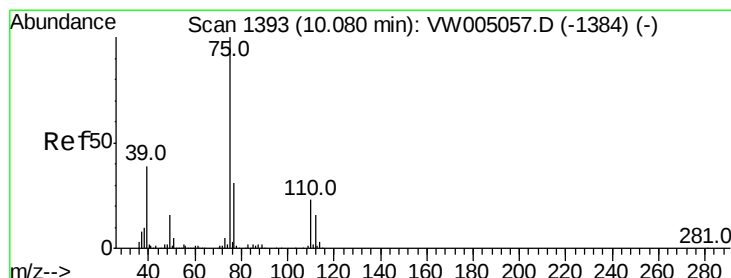
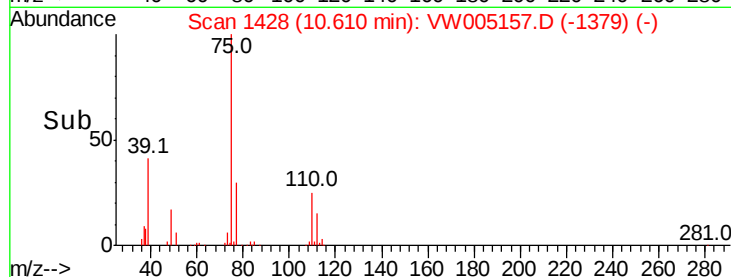
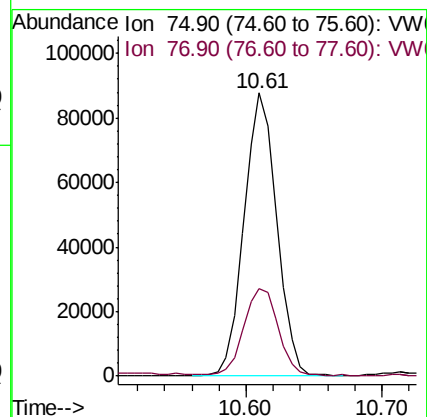
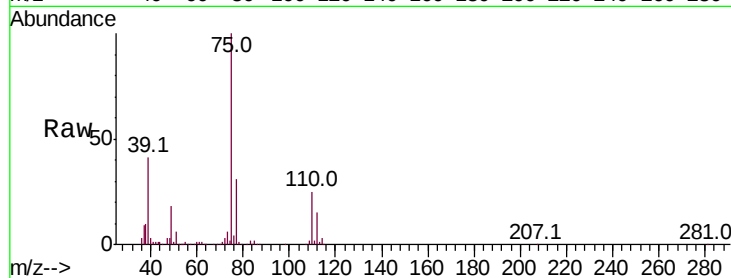
VW0906SBSD01

Tot Ion: 75 Resp: 147628

Ion Ratio Lower Upper

75 100

77 30.3 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 22.634 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

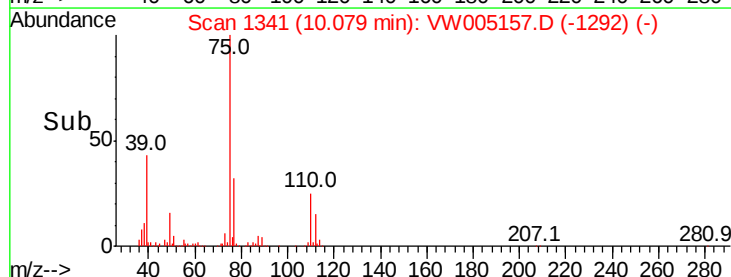
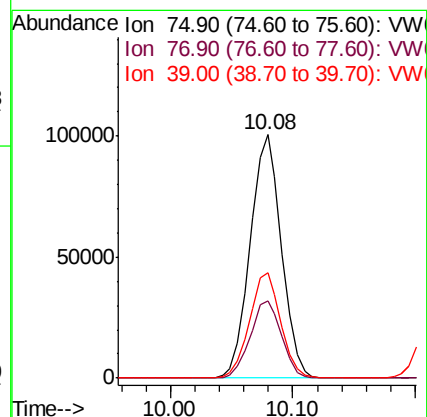
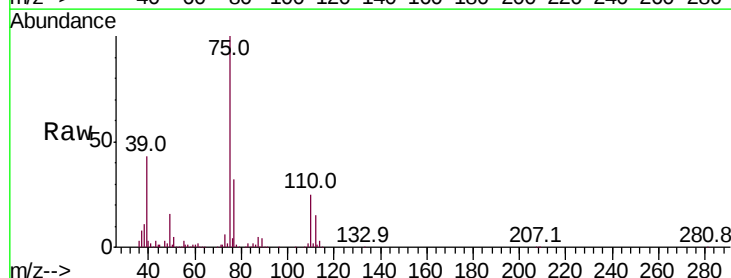
Tgt Ion: 75 Resp: 178492

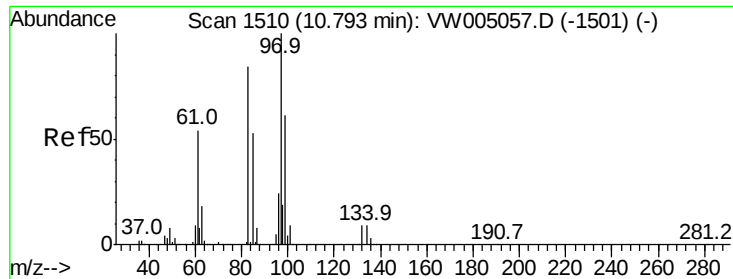
Ion Ratio Lower Upper

75 100

77 32.0 24.9 37.3

39 43.2 31.0 46.6

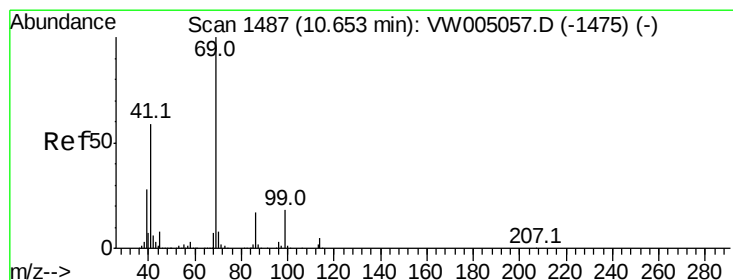
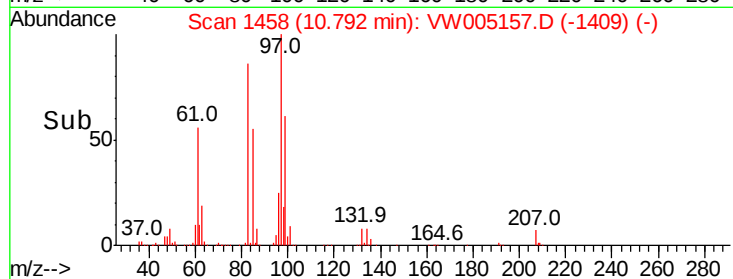
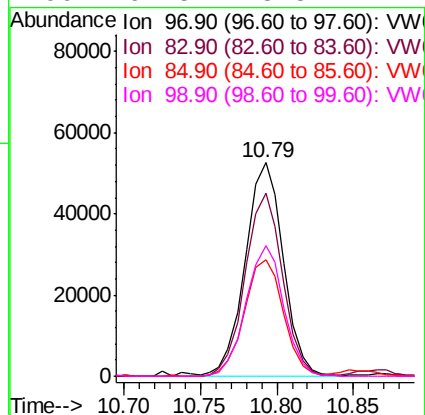
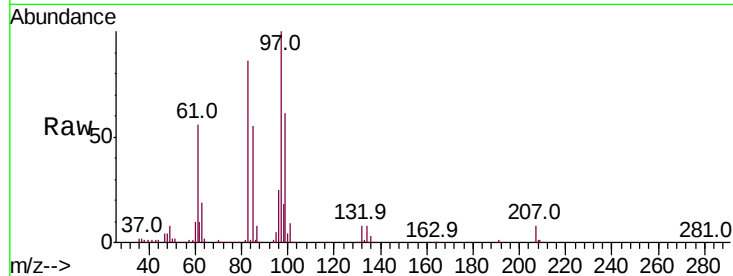




#55
 1,1,2-Trichloroethane
 Concen: 22.289 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005157.D
 Acq: 06 Sep 2018 12:26

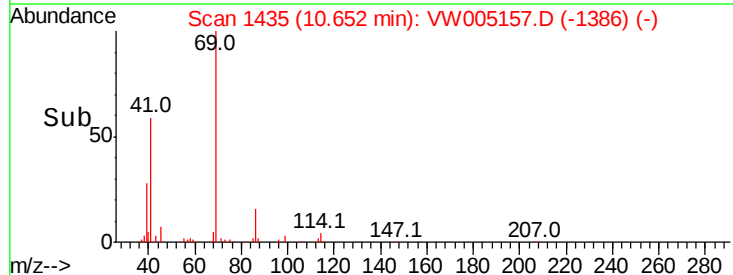
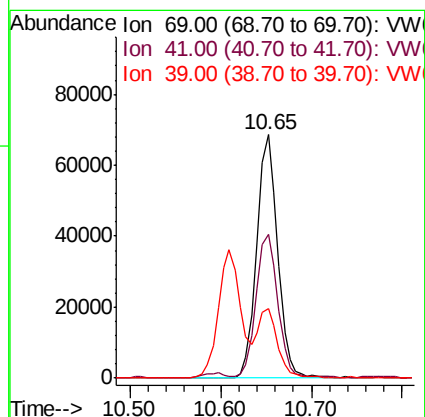
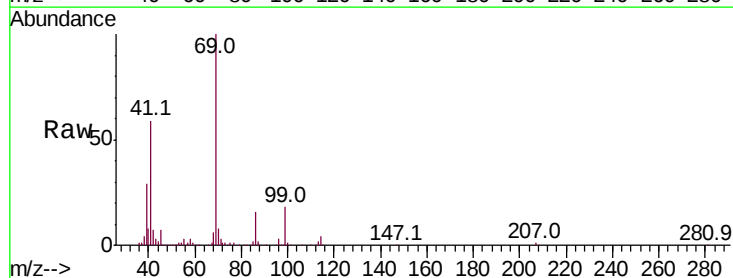
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS01

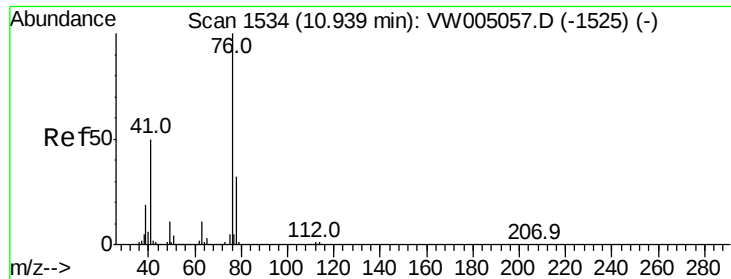
Tot Ion:	97	Resp:	90445
Ion	Ratio	Lower	Upper
97	100		
83	85.9	67.0	100.6
85	55.0	42.3	63.5
99	61.5	48.5	72.7



#56
 Ethyl methacrylate
 Concen: 23.870 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005157.D
 Acq: 06 Sep 2018 12:26

Tgt Ion:	69	Resp:	110504
Ion	Ratio	Lower	Upper
69	100		
41	60.8	47.8	71.6
39	27.0	21.1	31.7





#57

1,3-Dichloropropane

Concen: 22.749 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

ClientSampleId :

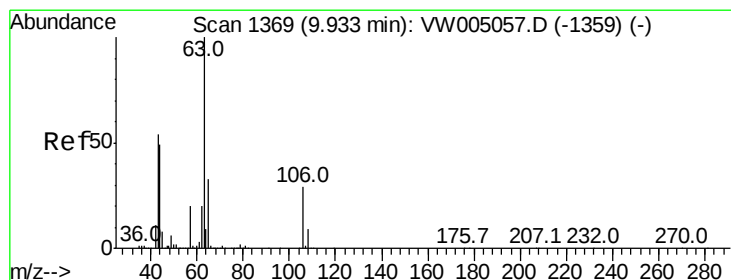
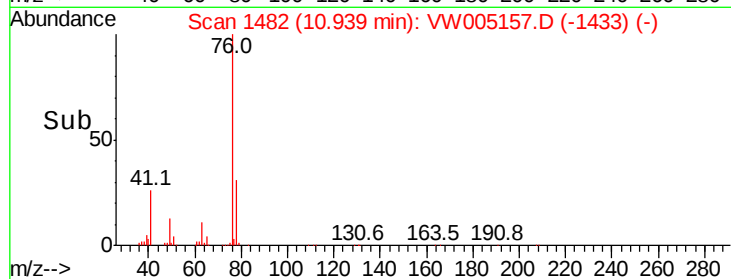
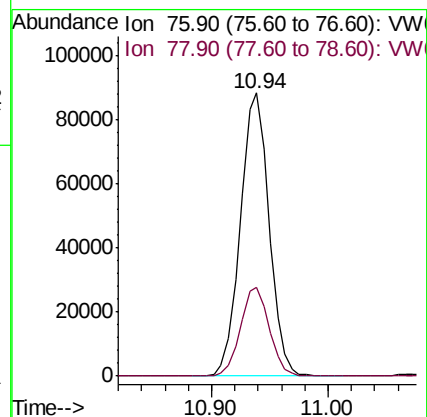
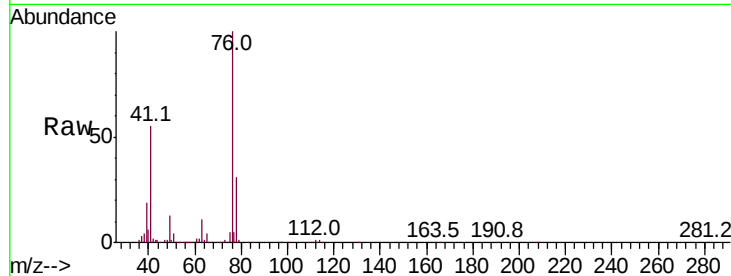
VW0906SBSD01

Tot Ion: 76 Resp: 151972

Ion Ratio Lower Upper

76 100

78 31.6 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 119.804 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VW005157.D

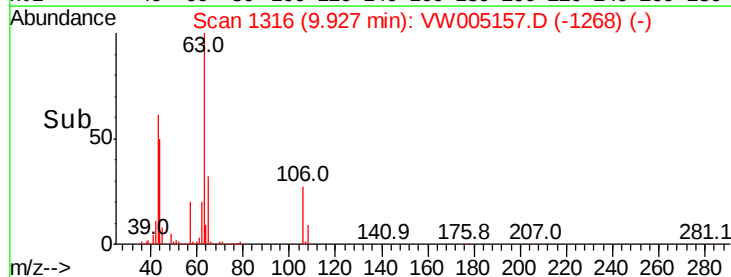
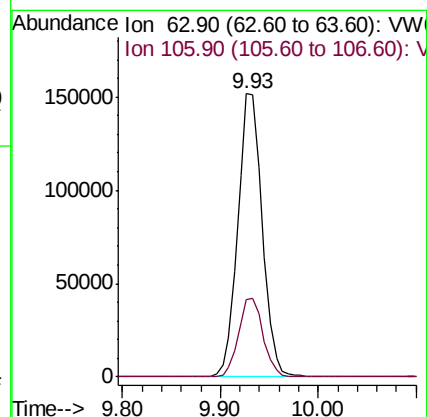
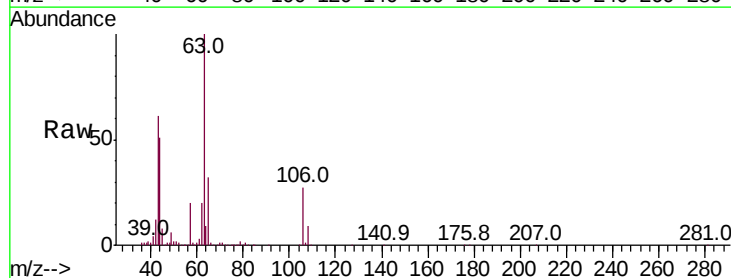
Acq: 06 Sep 2018 12:26

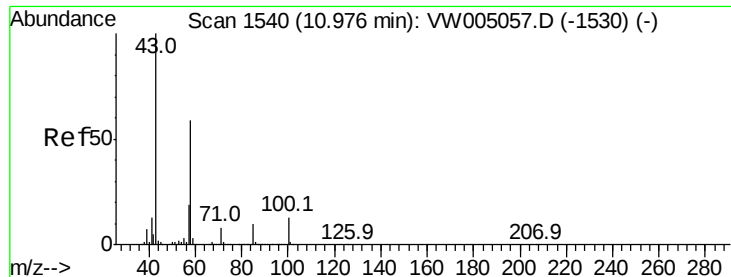
Tgt Ion: 63 Resp: 262808

Ion Ratio Lower Upper

63 100

106 27.9 23.1 34.7





#59

2-Hexanone

Concen: 136.265 ug/l

RT: 10.98 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

ClientSampleId :

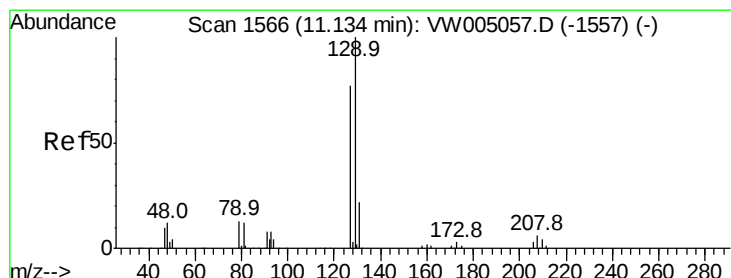
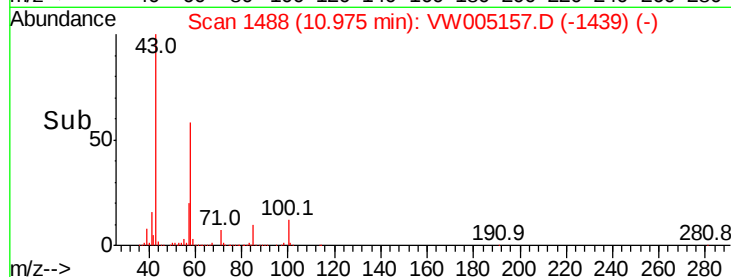
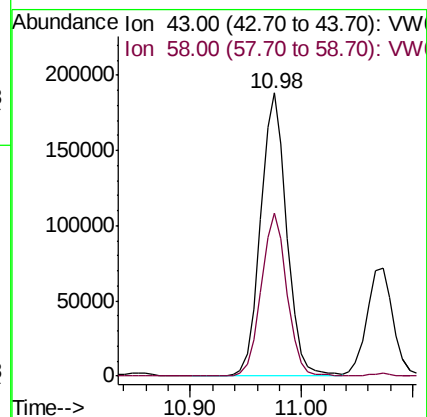
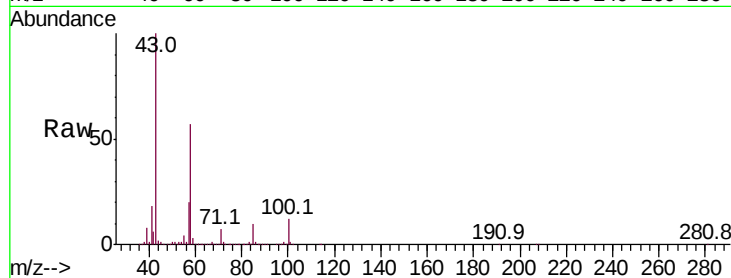
VW0906SBSD01

Tot Ion: 43 Resp: 308061

Ion Ratio Lower Upper

43 100

58 56.6 28.7 86.3



#60

Dibromochloromethane

Concen: 21.585 ug/l

RT: 11.13 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VW005157.D

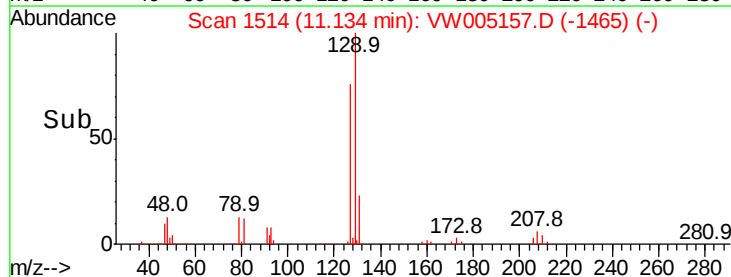
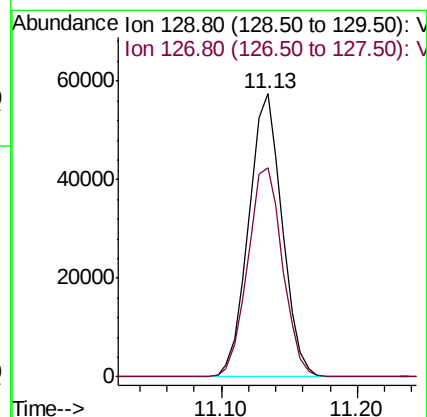
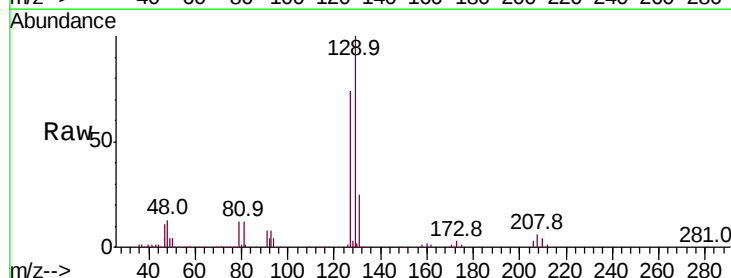
Acq: 06 Sep 2018 12:26

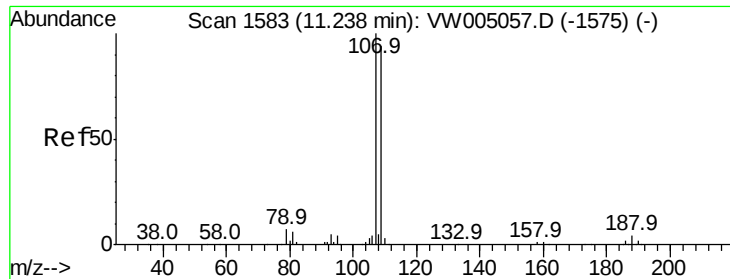
Tgt Ion: 129 Resp: 99021

Ion Ratio Lower Upper

129 100

127 77.0 38.9 116.7





#61

1,2-Dibromoethane

Concen: 22.282 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

ClientSampleId :

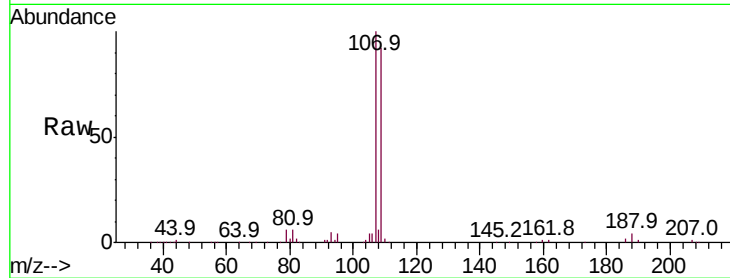
VW0906SBSD01

Tot Ion:107 Resp: 81629

Ion Ratio Lower Upper

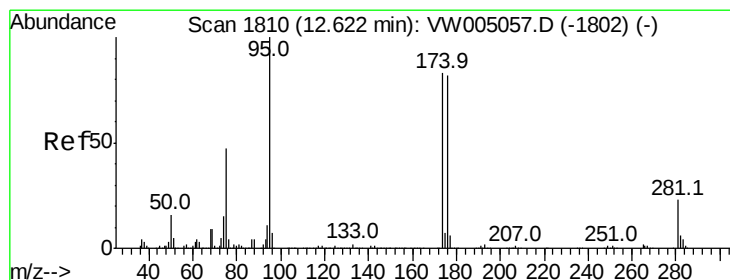
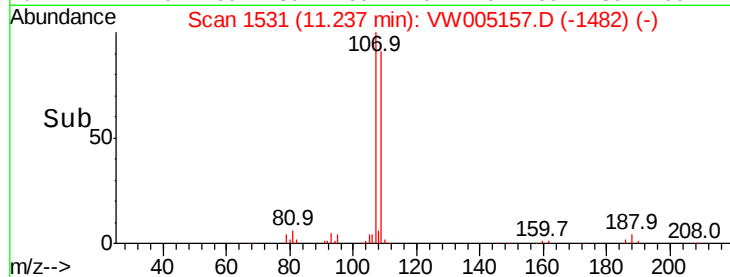
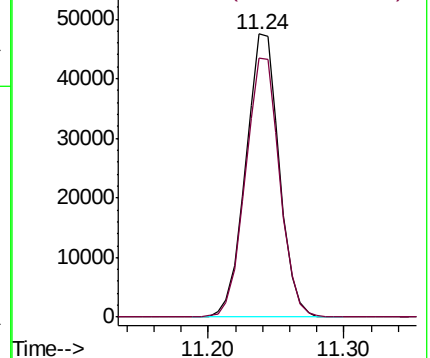
107 100

109 93.7 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 55.644 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

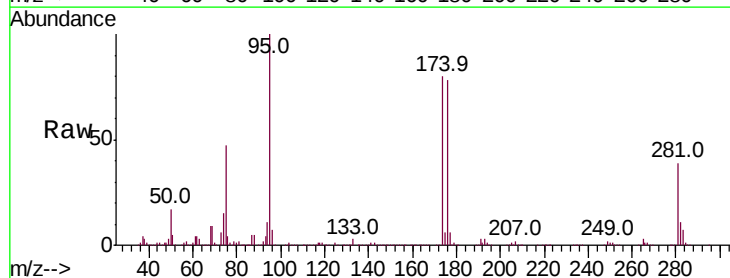
Tgt Ion: 95 Resp: 402030

Ion Ratio Lower Upper

95 100

174 82.7 0.0 173.4

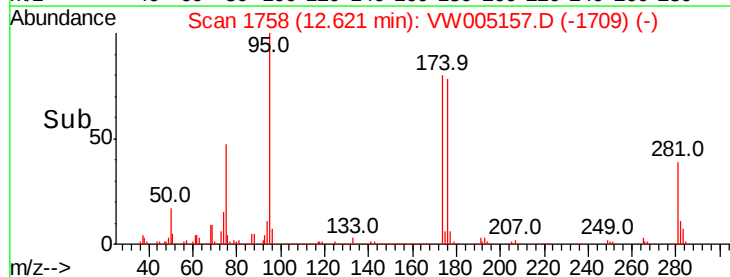
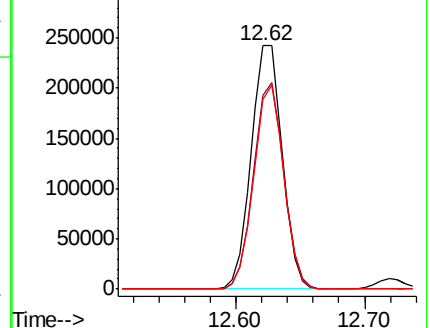
176 80.8 0.0 167.4

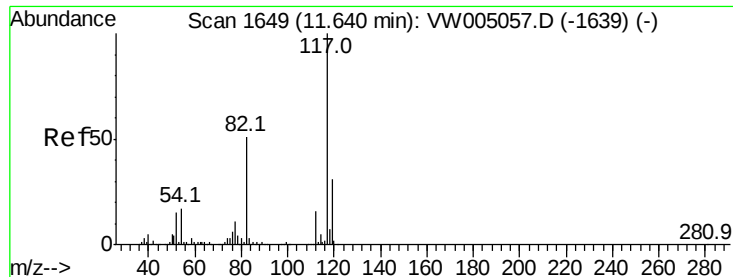


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

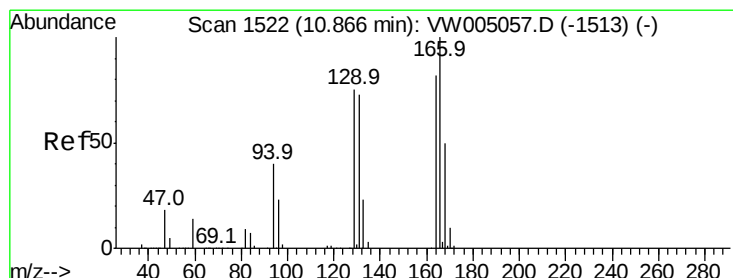
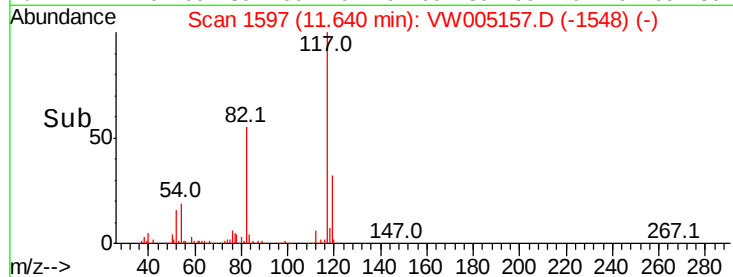
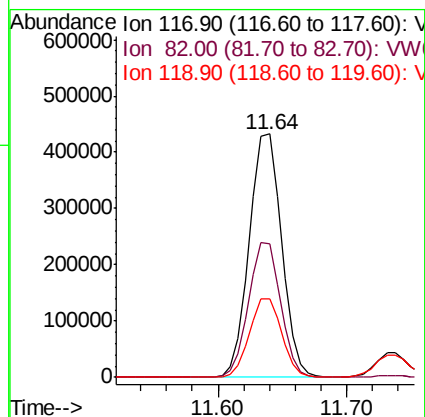
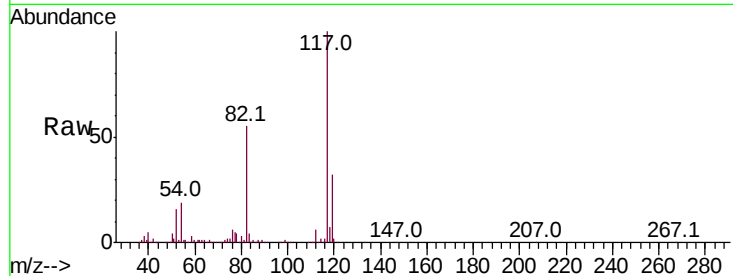




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

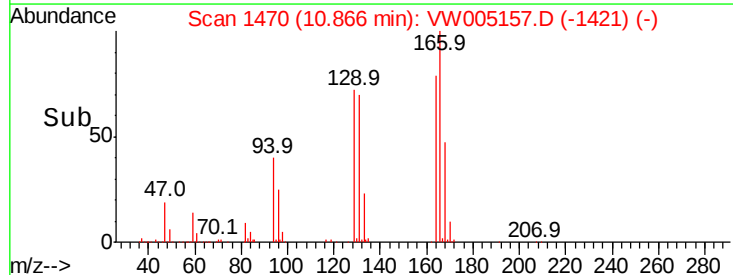
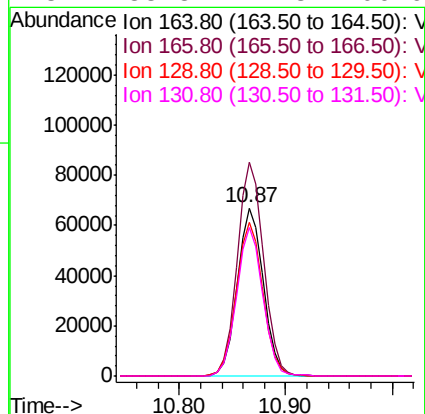
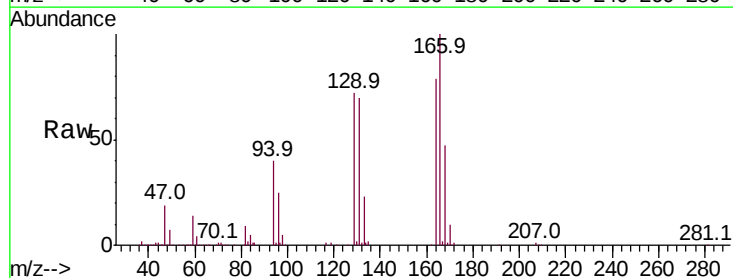
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD01

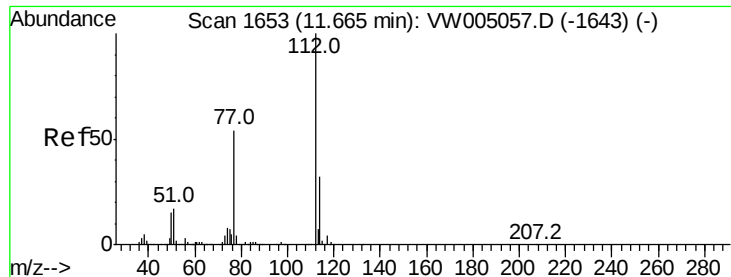
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	40.9	61.3
119	32.3	24.9	37.3



#64
Tetrachloroethene
Concen: 19.553 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.2	97.3	145.9
129	91.6	73.1	109.7
131	88.8	71.3	106.9

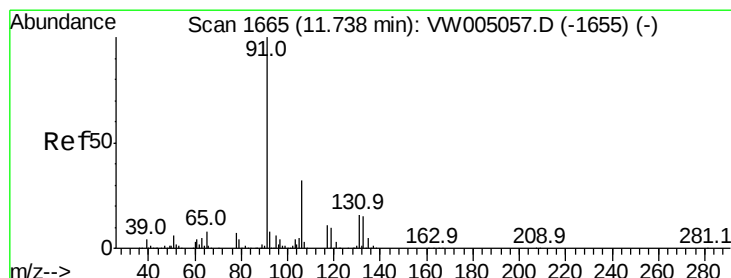
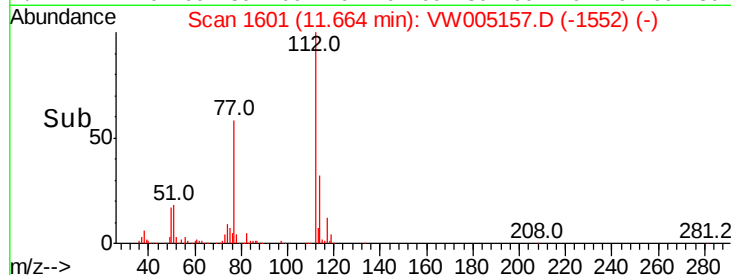
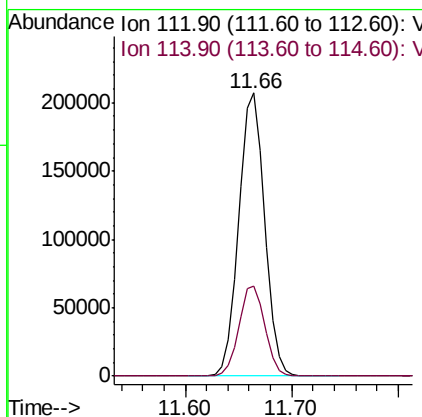
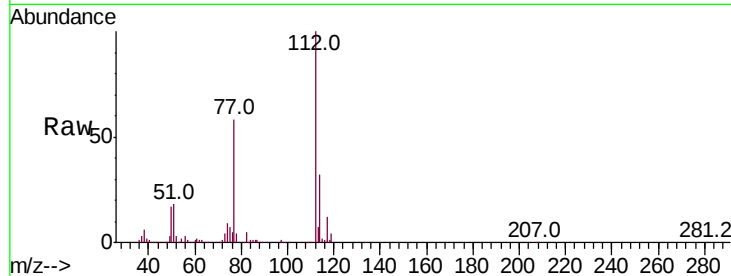




#65
Chlorobenzene
Concen: 20.939 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

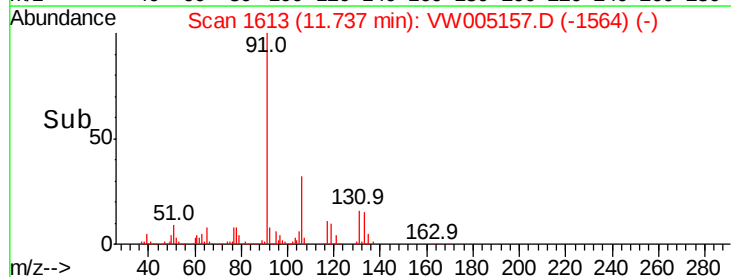
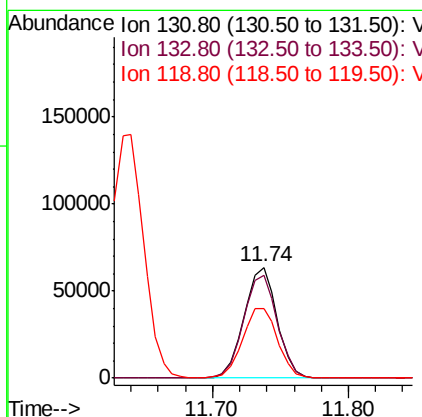
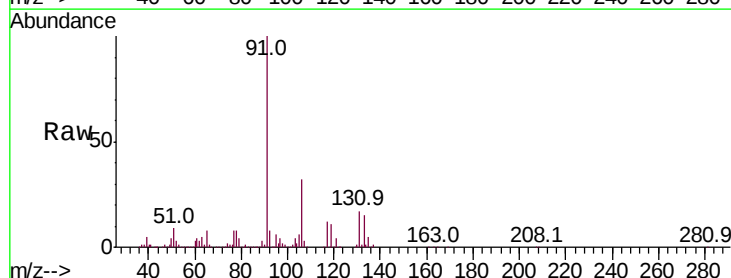
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD01

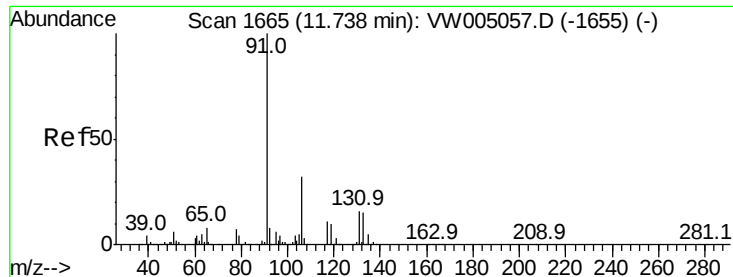
Tot Ion:112 Resp: 354205
Ion Ratio Lower Upper
112 100
114 32.1 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.916 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Tgt Ion:131 Resp: 108123
Ion Ratio Lower Upper
131 100
133 95.4 47.4 142.3
119 67.3 33.4 100.1

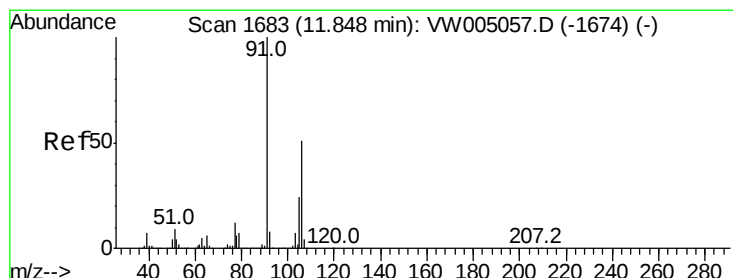
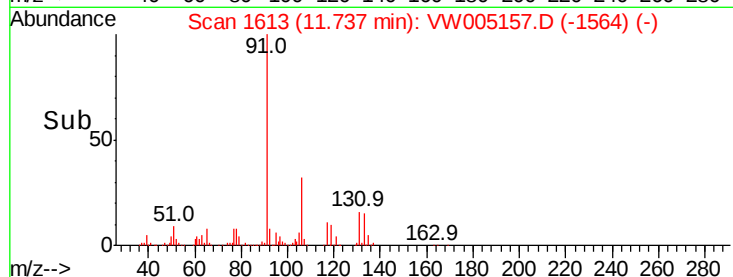
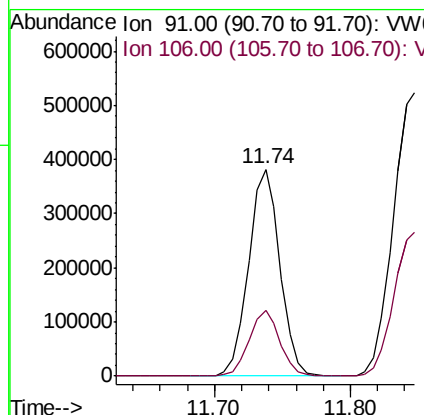
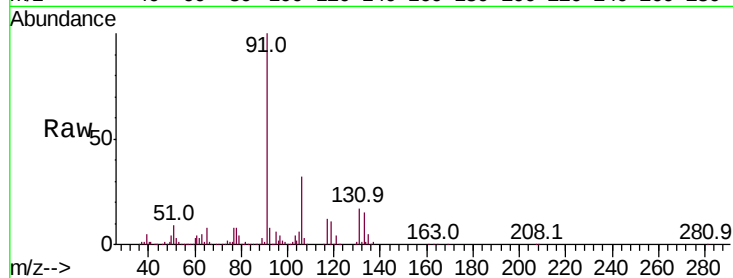




#67
Ethyl Benzene
Concen: 21.515 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

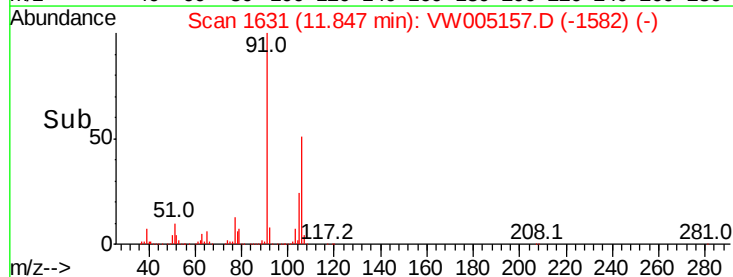
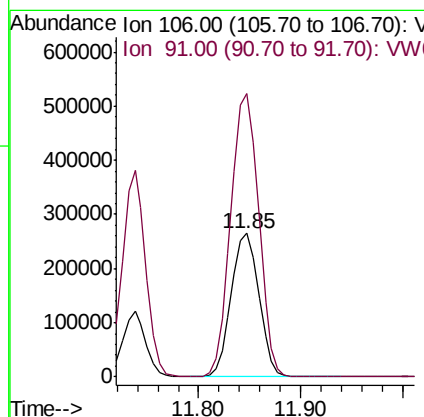
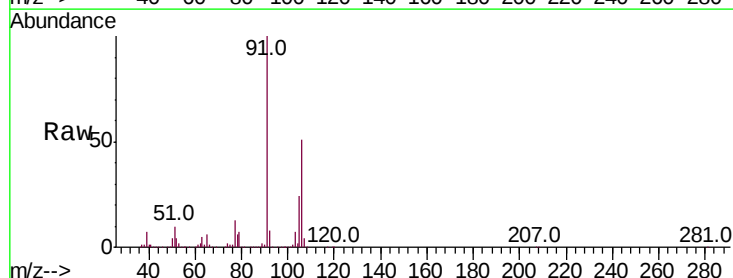
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD01

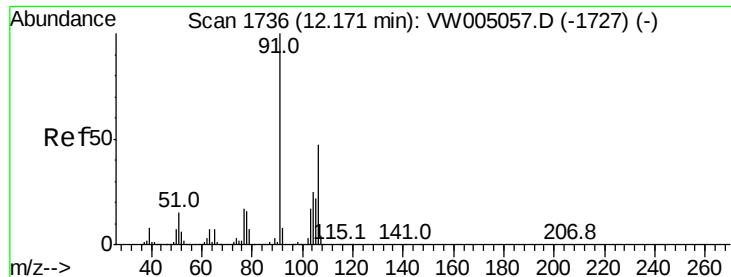
Tot Ion: 91 Resp: 615264
Ion Ratio Lower Upper
91 100
106 31.8 25.3 37.9



#68
m/p-Xylenes
Concen: 43.672 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Tgt Ion: 106 Resp: 500055
Ion Ratio Lower Upper
106 100
91 198.8 158.4 237.6

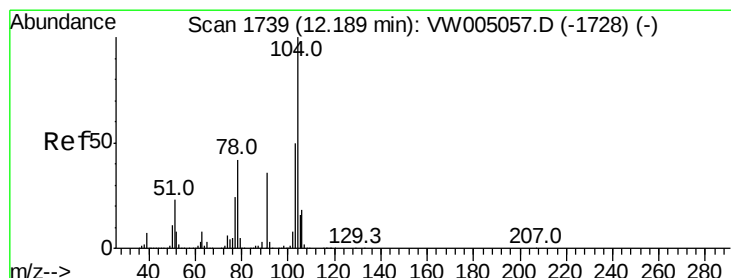
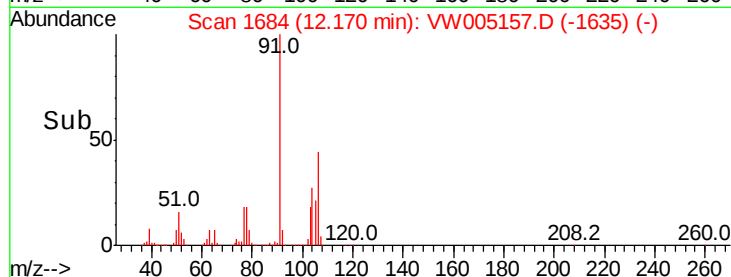
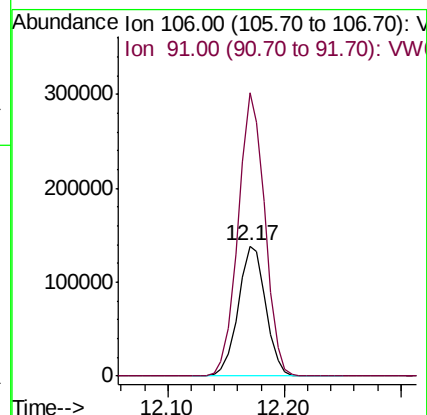
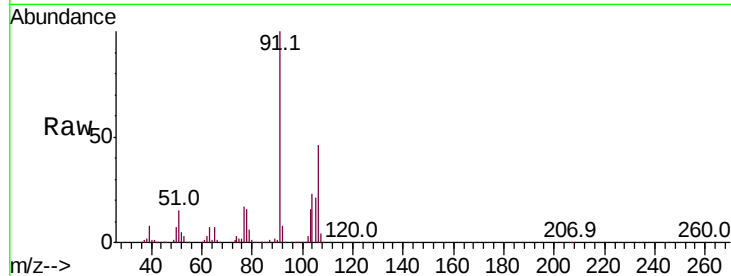




#69
o-Xylene
Concen: 21.534 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

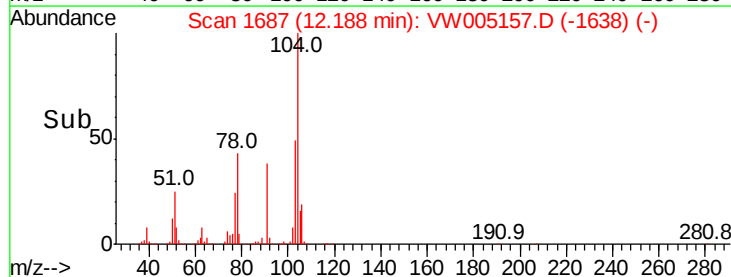
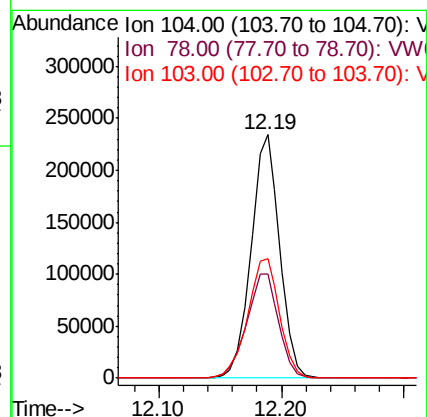
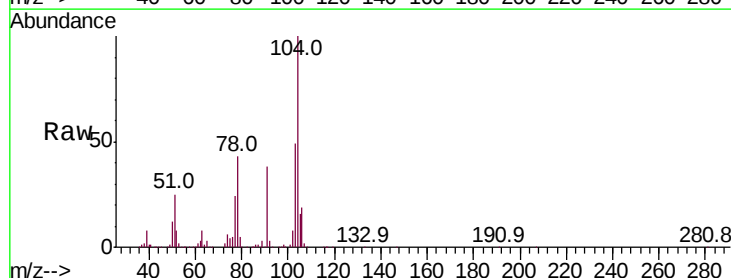
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD01

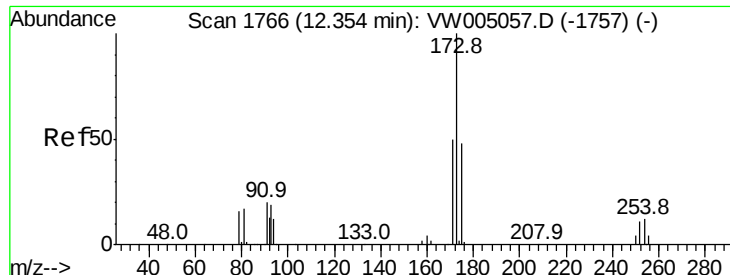
Tot Ion:106 Resp: 227970
Ion Ratio Lower Upper
106 100
91 211.8 105.6 316.8



#70
Styrene
Concen: 21.741 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Tgt Ion:104 Resp: 380191
Ion Ratio Lower Upper
104 100
78 47.7 37.8 56.6
103 54.6 44.1 66.1

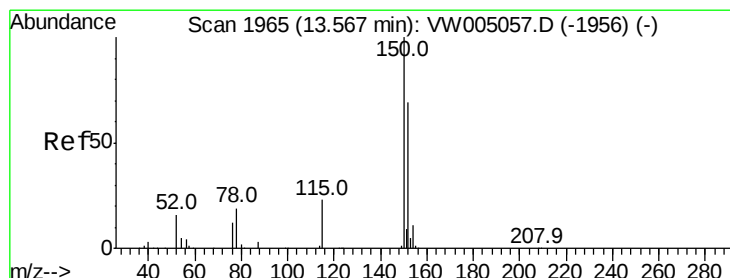
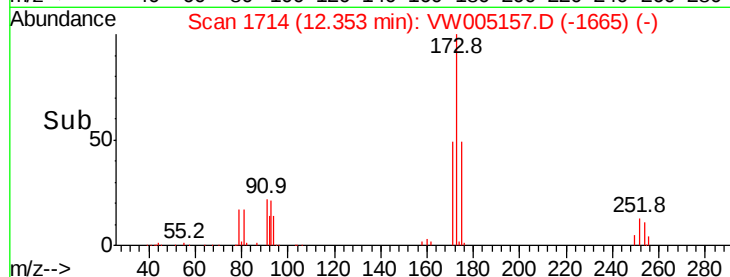
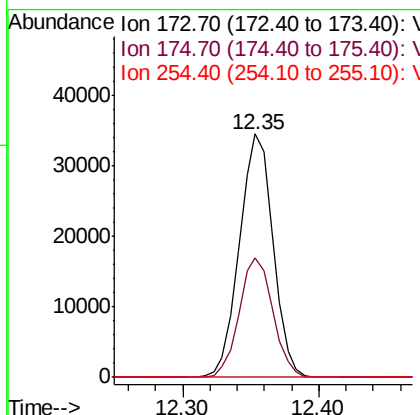
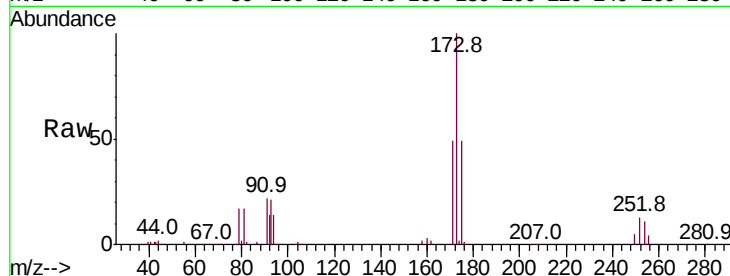




#71
Bromoform
Concen: 21.716 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

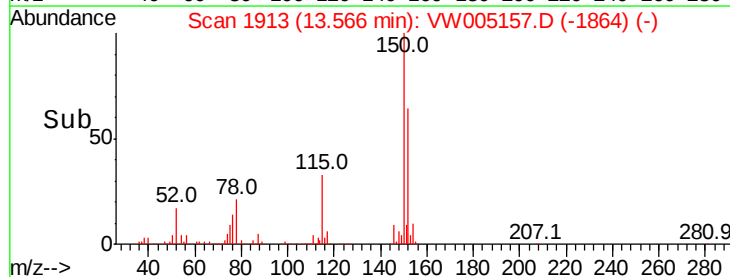
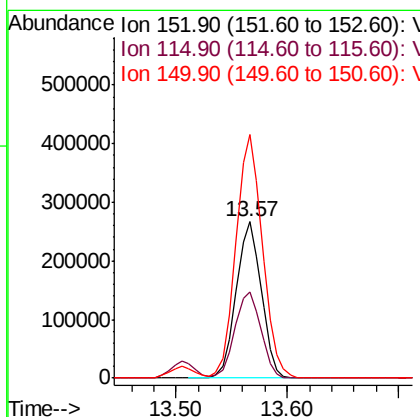
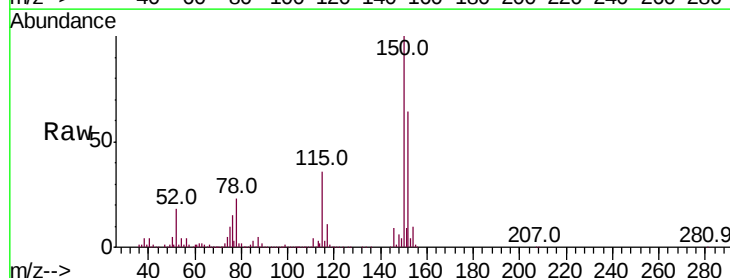
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD01

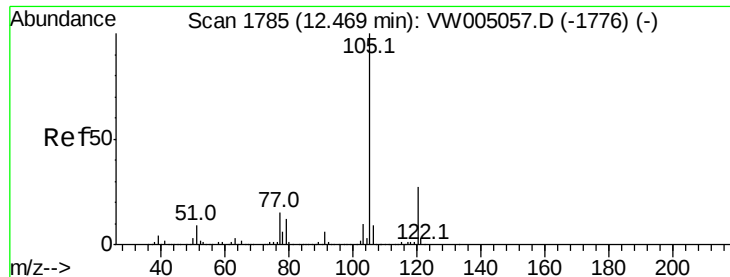
Tot Ion:173 Resp: 59497
Ion Ratio Lower Upper
173 100
175 49.3 24.1 72.2
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Tgt Ion:152 Resp: 415134
Ion Ratio Lower Upper
152 100
115 57.5 27.8 83.4
150 164.1 0.0 351.4





#73

Isopropylbenzene

Concen: 21.098 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

ClientSampleId :

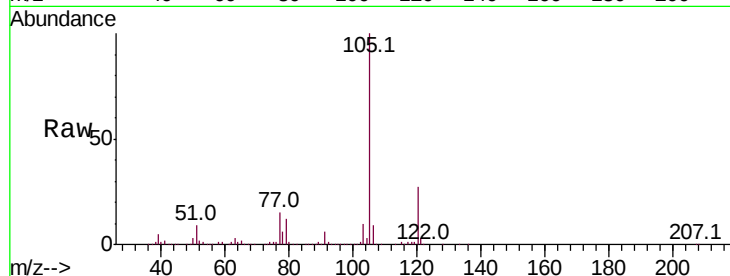
VW0906SBSD01

Tot Ion:105 Resp: 617554

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

400000

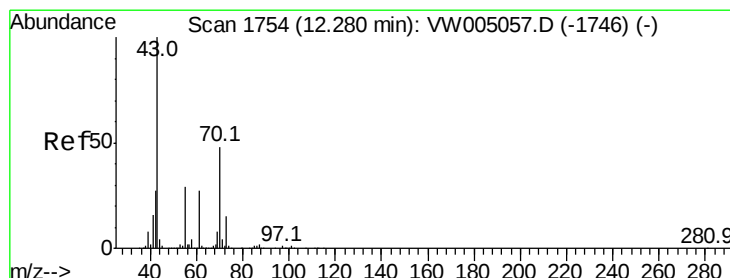
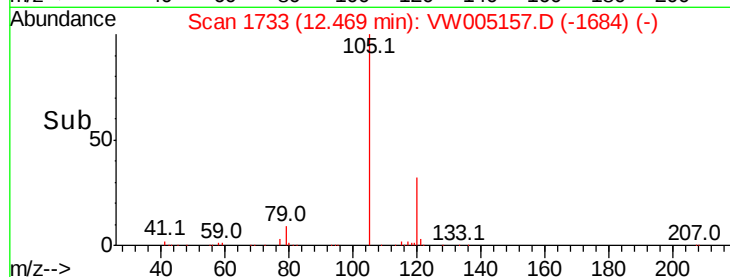
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 24.750 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Tgt Ion: 43 Resp: 124744

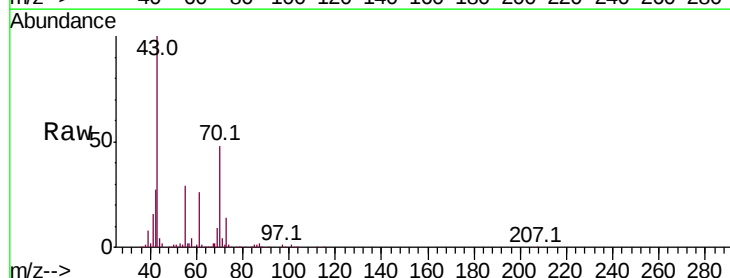
Ion Ratio Lower Upper

43 100

70 47.1 38.2 57.4

55 29.2 23.2 34.8

61 25.8 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

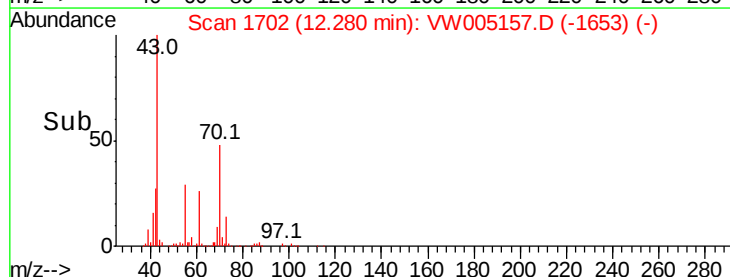
60000

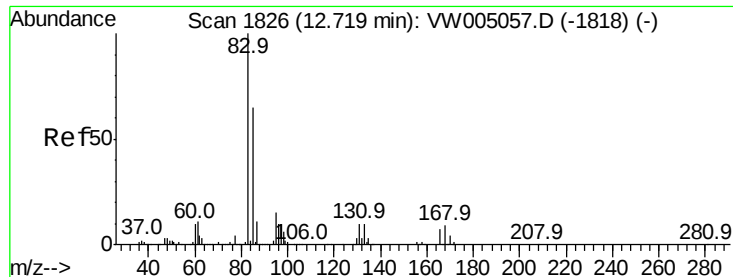
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 23.452 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD01

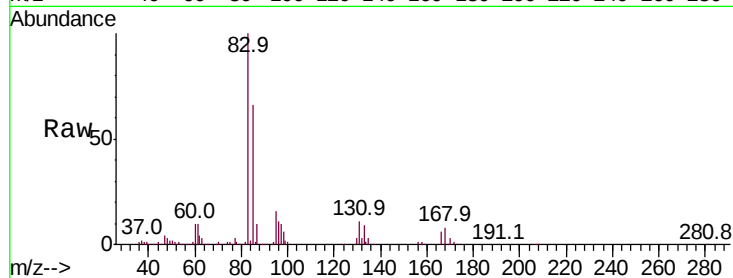
Tot Ion: 83 Resp: 104504

Ion Ratio Lower Upper

83 100

131 10.6 5.5 16.4

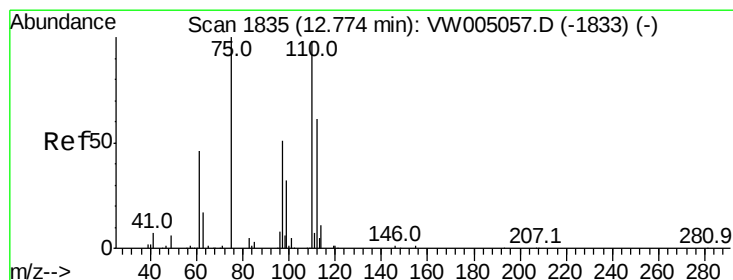
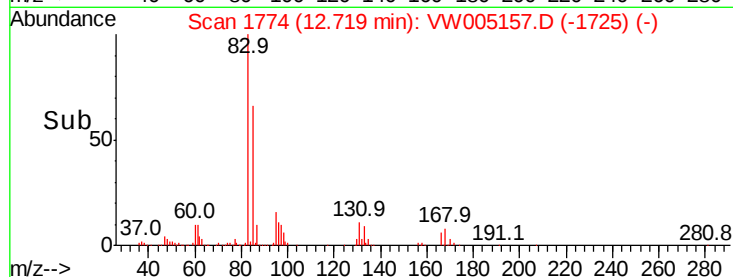
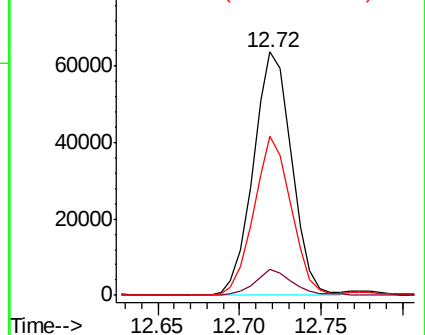
85 63.5 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 43.377 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005157.D

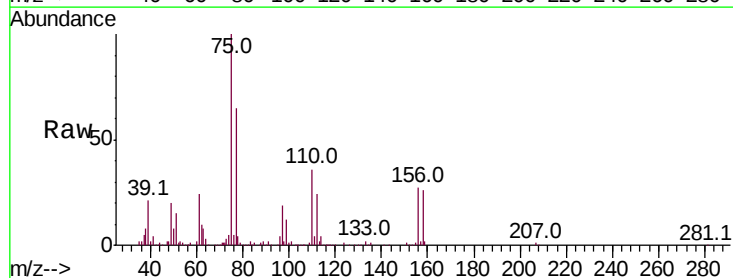
Acq: 06 Sep 2018 12:26

Tgt Ion: 75 Resp: 135168

Ion Ratio Lower Upper

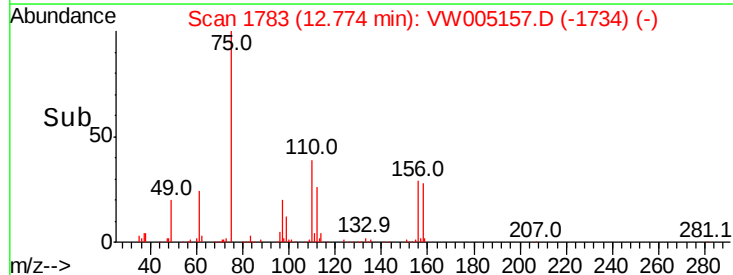
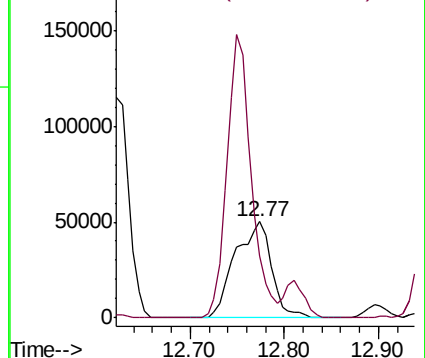
75 100

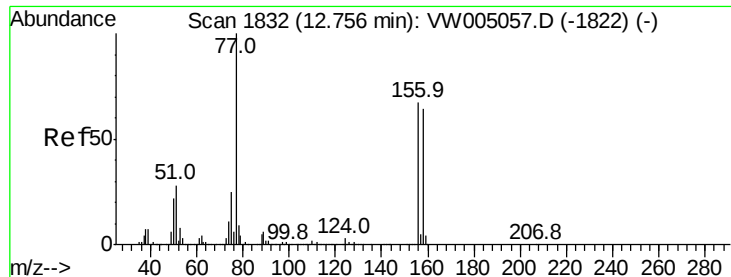
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.306 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD01

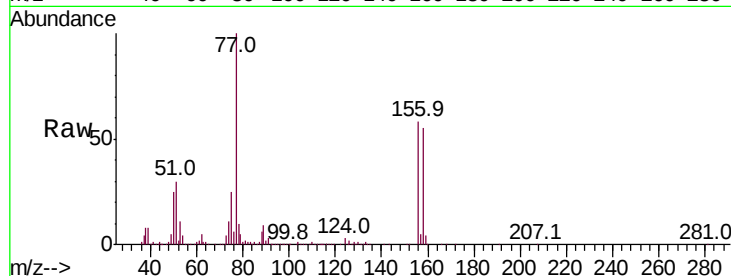
Tot Ion:156 Resp: 146453

Ion Ratio Lower Upper

156 100

77 180.5 85.8 257.4

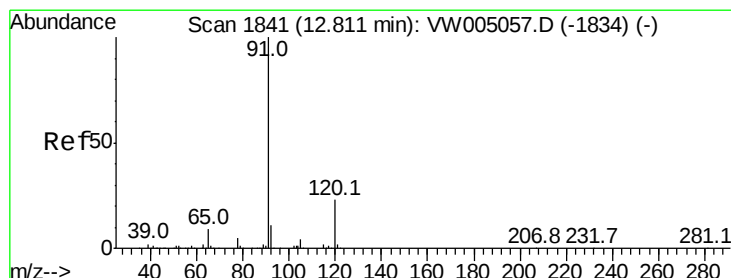
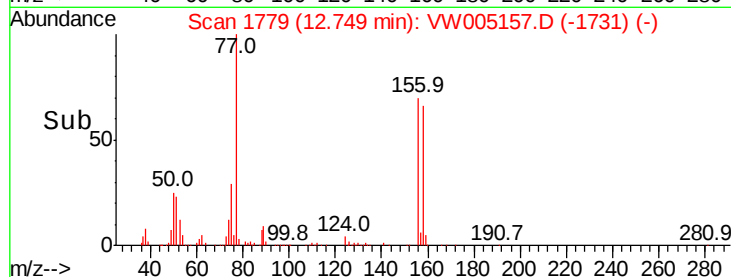
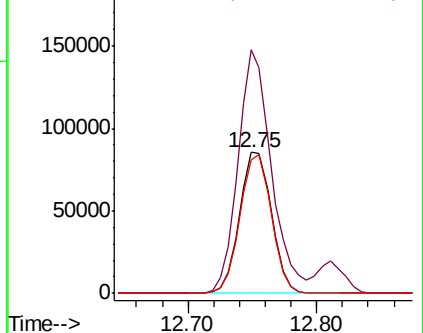
158 96.6 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.421 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005157.D

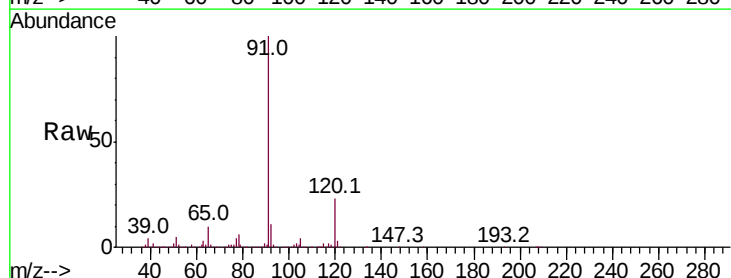
Acq: 06 Sep 2018 12:26

Tgt Ion: 91 Resp: 756932

Ion Ratio Lower Upper

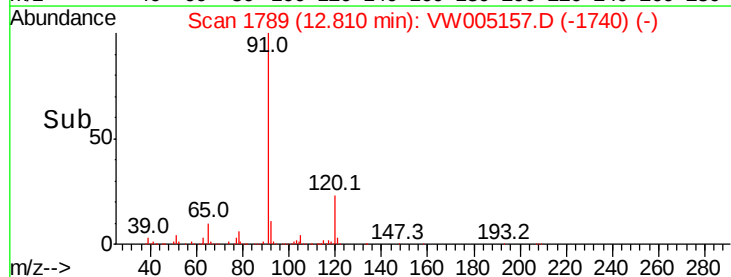
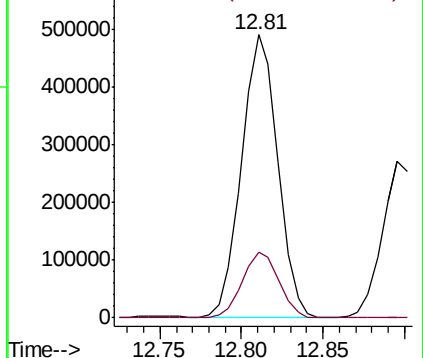
91 100

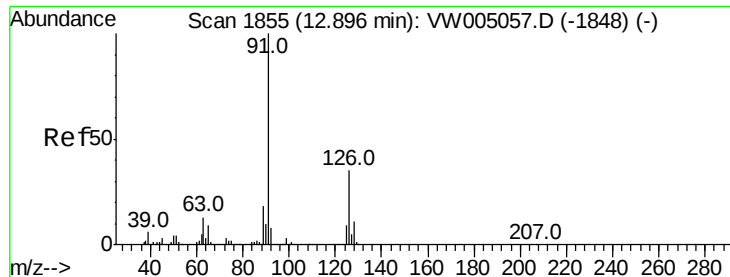
120 23.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.123 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

ClientSampleId :

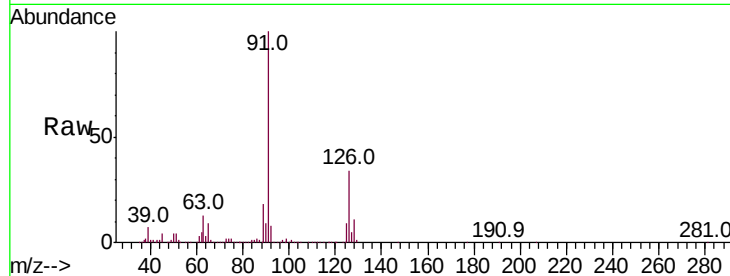
VW0906SBSD01

Tot Ion: 91 Resp: 435466

Ion Ratio Lower Upper

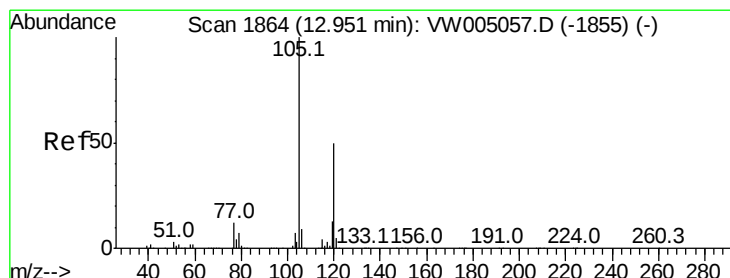
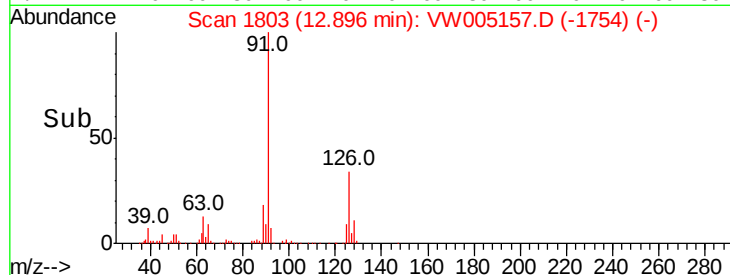
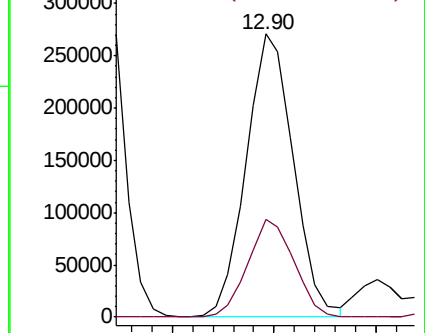
91 100

126 34.0 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: 21.119 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005157.D

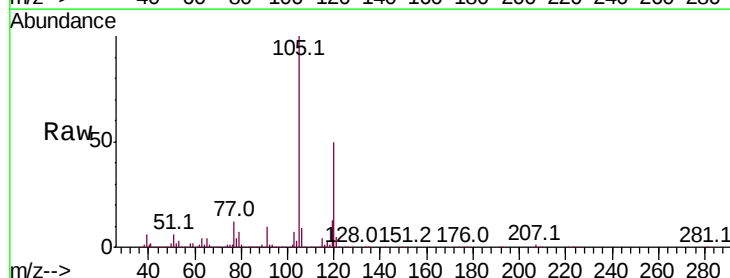
Acq: 06 Sep 2018 12:26

Tgt Ion:105 Resp: 534587

Ion Ratio Lower Upper

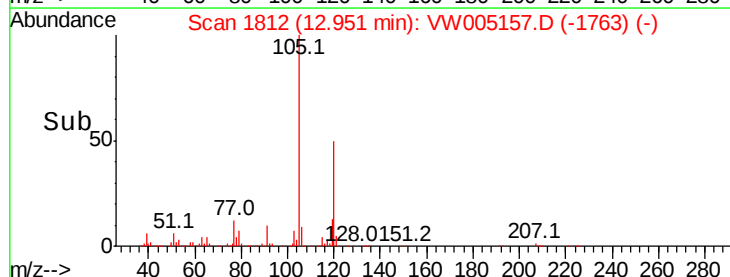
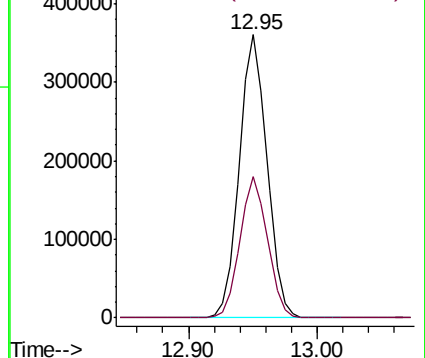
105 100

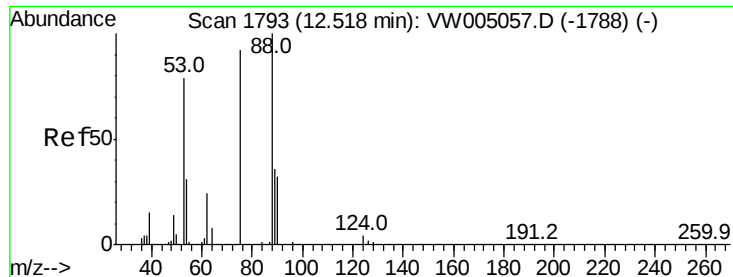
120 49.8 24.9 74.8



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: 22.985 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD01

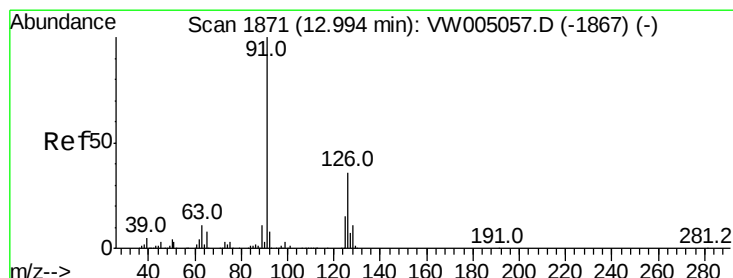
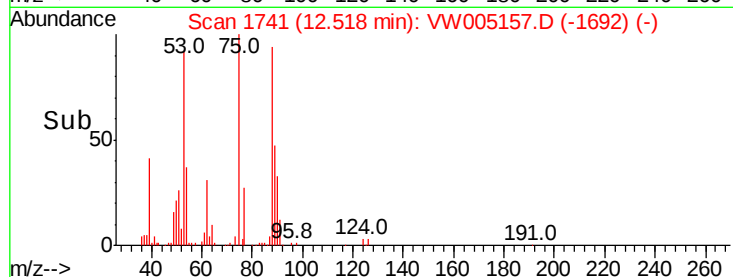
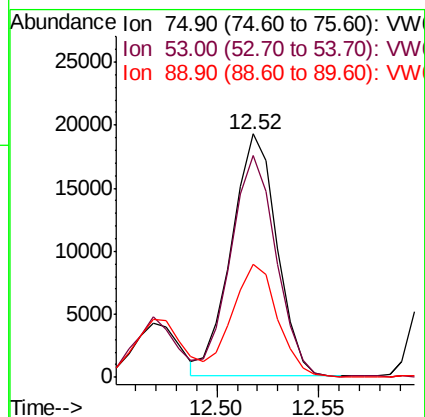
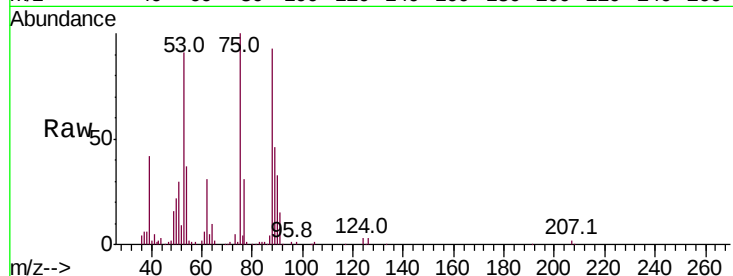
Tot Ion: 75 Resp: 29758

Ion Ratio Lower Upper

75 100

53 92.3 69.8 104.8

89 46.7 36.0 54.0



#82

4-Chlorotoluene

Concen: 21.365 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW005157.D

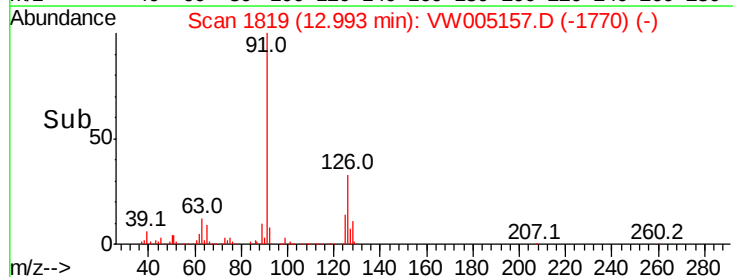
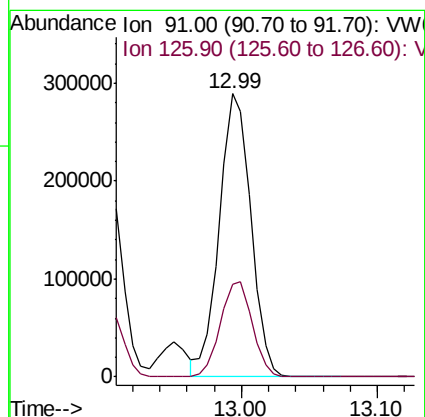
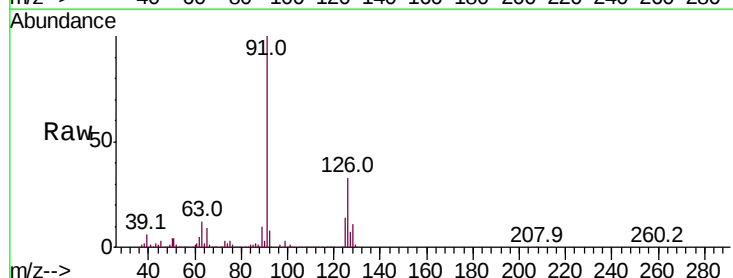
Acq: 06 Sep 2018 12:26

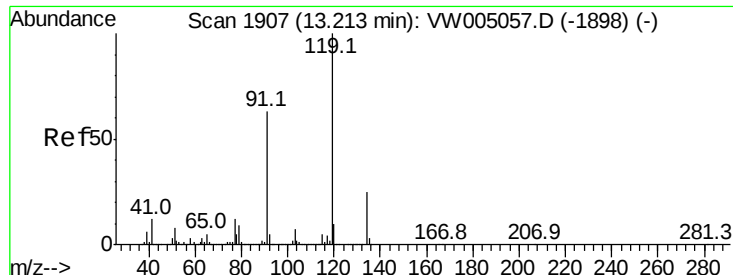
Tgt Ion: 91 Resp: 465112

Ion Ratio Lower Upper

91 100

126 34.1 17.4 52.3





#83

tert-Butylbenzene

Concen: 21.040 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD01

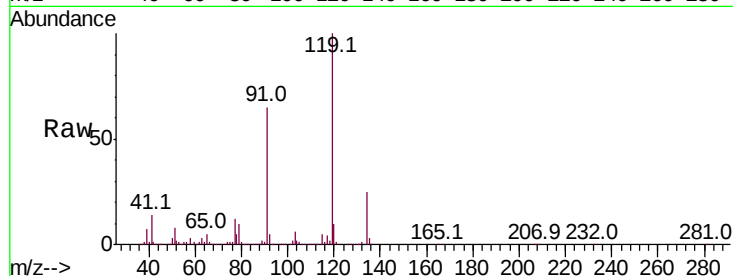
Tot Ion:119 Resp: 444778

Ion Ratio Lower Upper

119 100

91 65.2 31.8 95.4

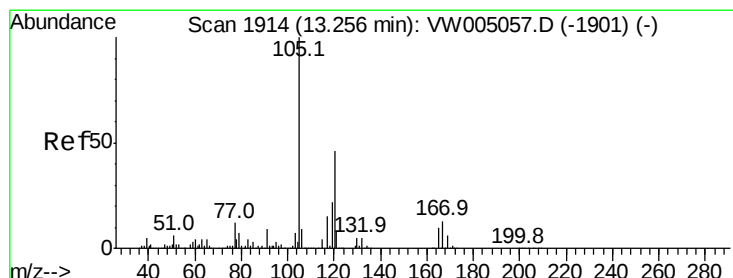
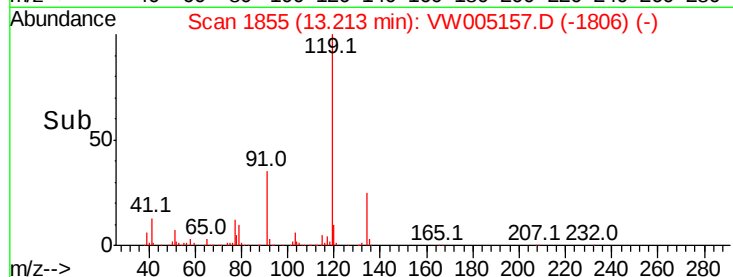
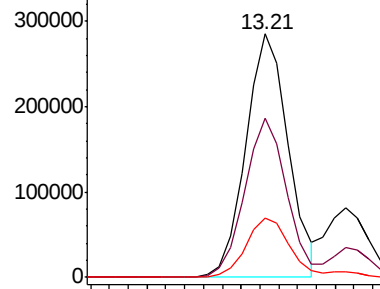
134 26.5 13.0 39.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.127 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW005157.D

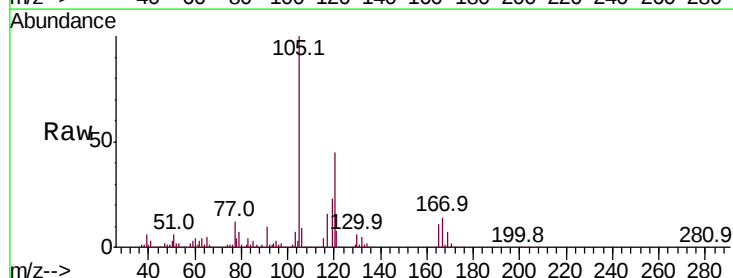
Acq: 06 Sep 2018 12:26

Tgt Ion:105 Resp: 544653

Ion Ratio Lower Upper

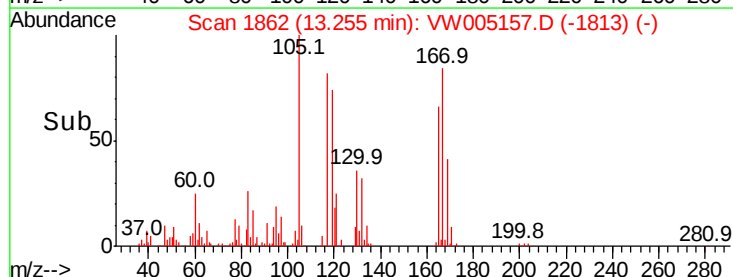
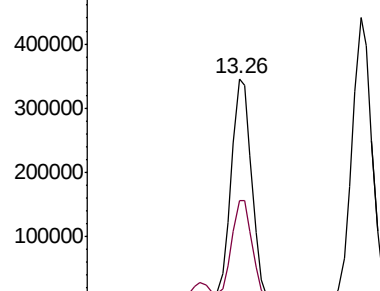
105 100

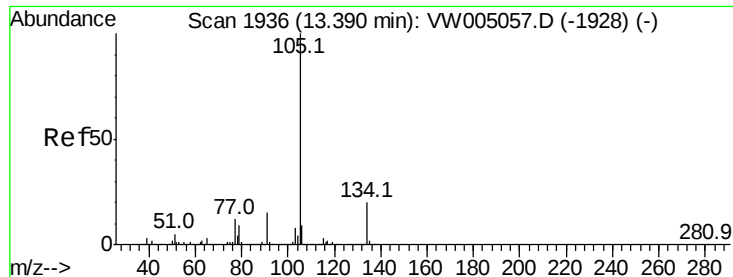
120 45.5 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

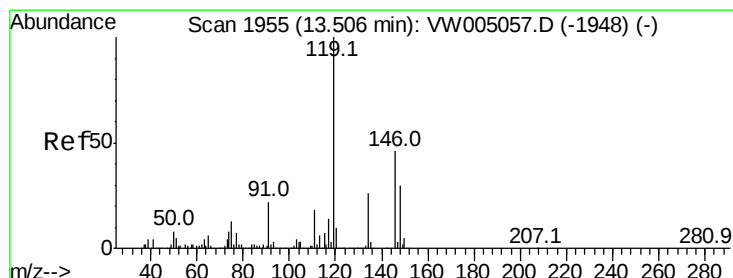
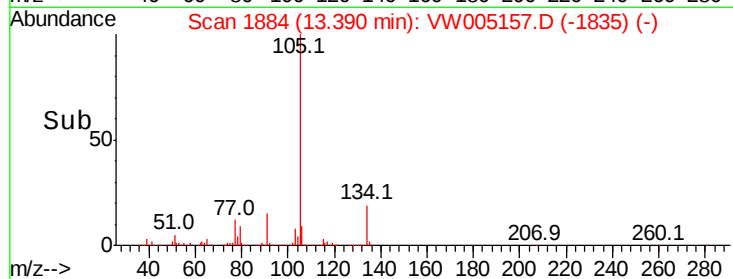
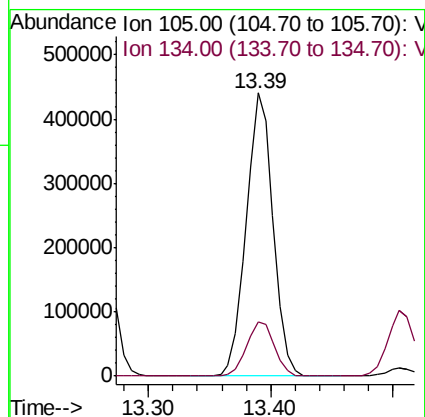
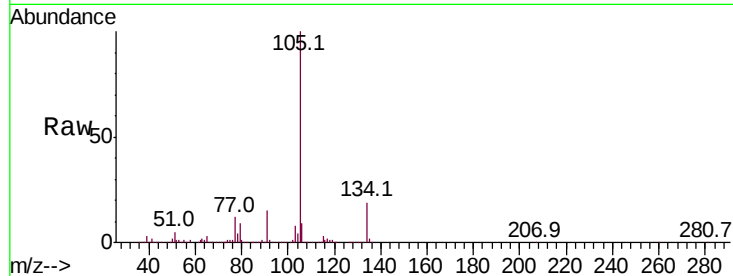




#85
 sec-Butylbenzene
 Concen: 21.546 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005157.D
 Acq: 06 Sep 2018 12:26

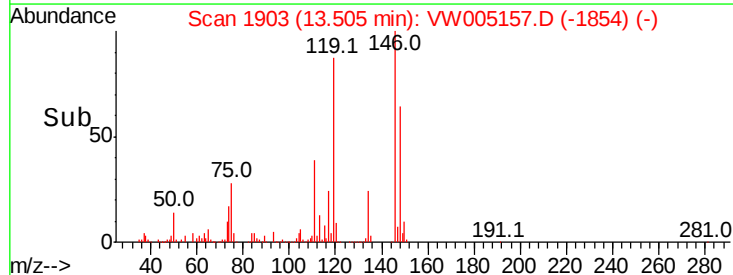
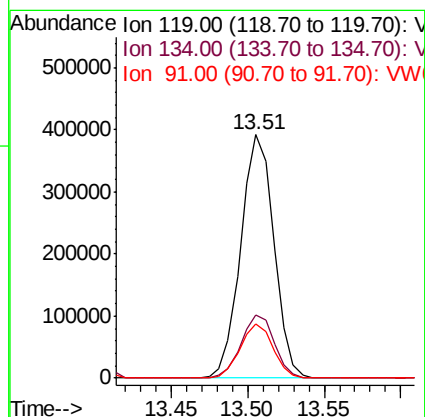
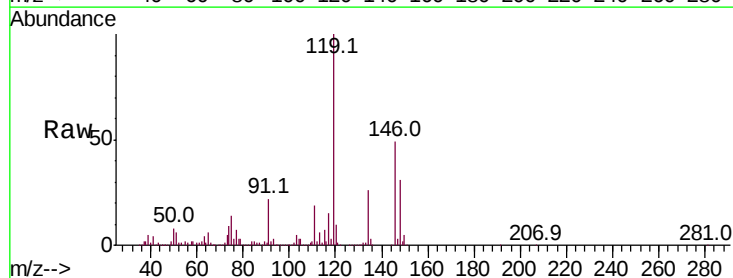
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD01

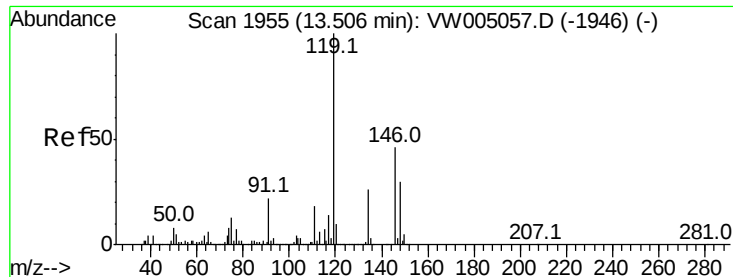
Tot Ion:105 Resp: 669349
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 21.417 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005157.D
 Acq: 06 Sep 2018 12:26

Tgt Ion:119 Resp: 588968
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.3 39.8
 91 21.9 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 20.703 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

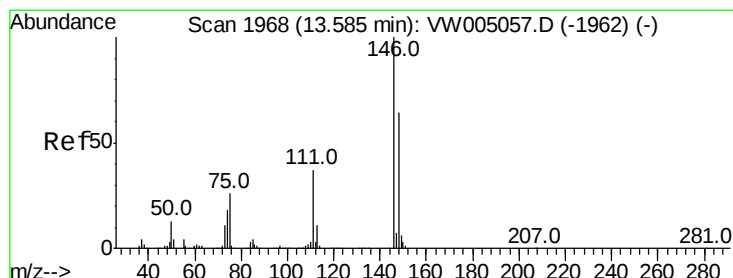
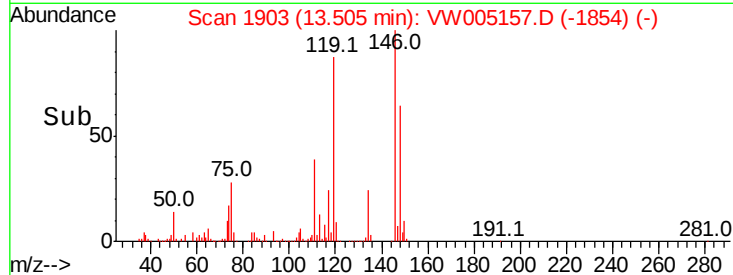
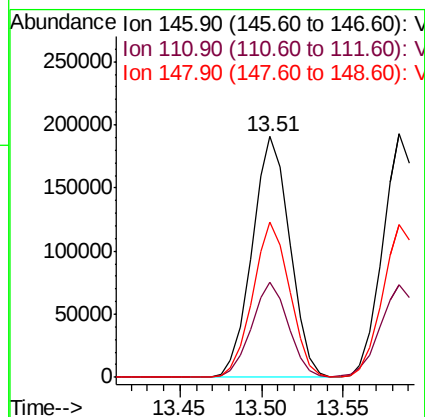
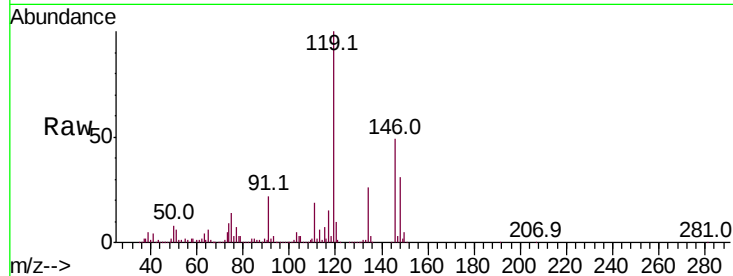
Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD01

Tot Ion:146 Resp: 306722

Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.2	57.6
148	63.0	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 20.559 ug/l

RT: 13.58 min Scan# 1916

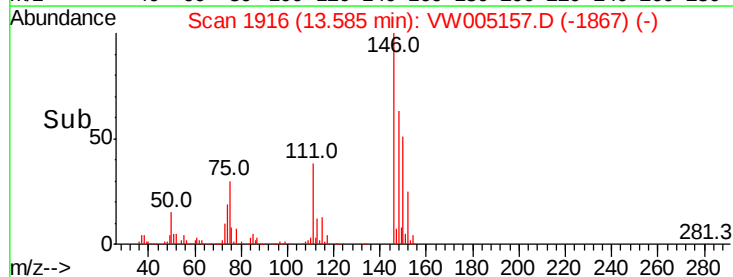
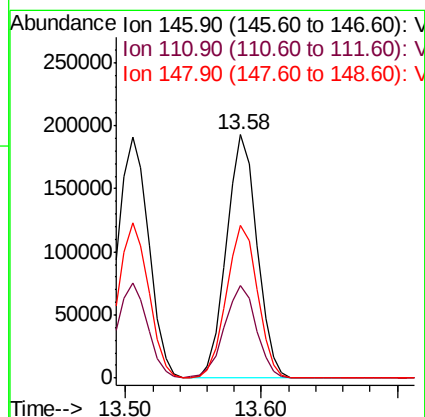
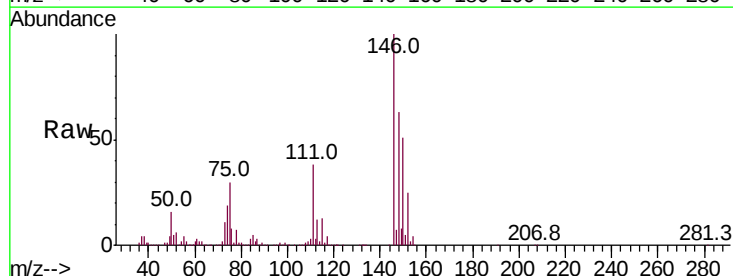
Delta R.T. -0.00 min

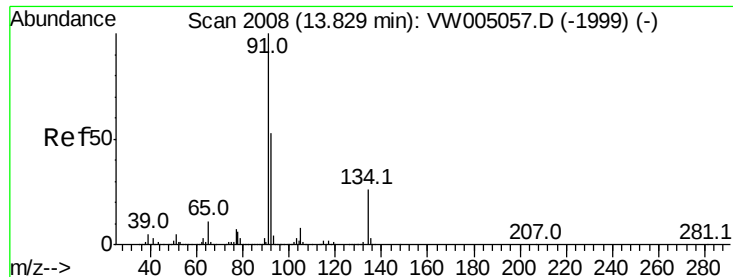
Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Tgt Ion:146 Resp: 302146

Ion	Ratio	Lower	Upper
146	100		
111	39.4	18.6	56.0
148	64.1	32.0	96.0





#89

n-Butylbenzene

Concen: 21.572 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005157.D

Acq: 06 Sep 2018 12:26

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD01

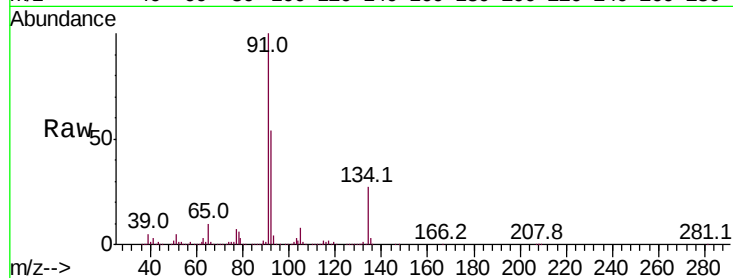
Tot Ion: 91 Resp: 549798

Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.5	79.5
134	26.0	13.5	40.4

91 100

92 53.2 26.5 79.5

134 26.0 13.5 40.4

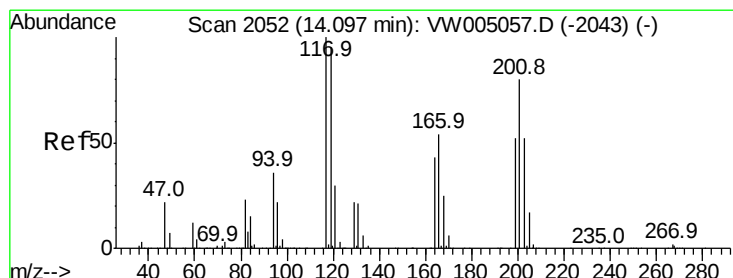
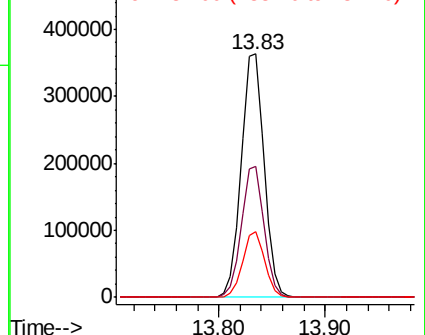
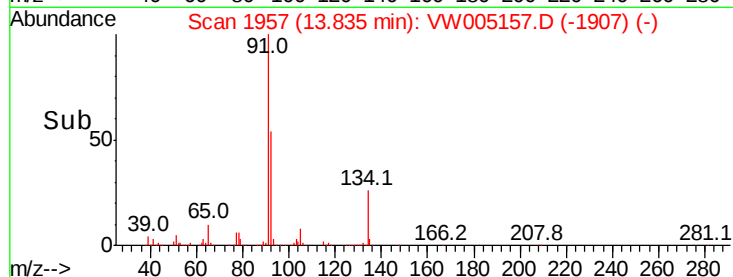


Abundance

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: 20.211 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW005157.D

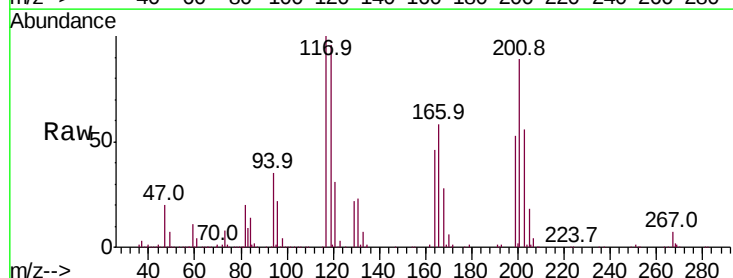
Acq: 06 Sep 2018 12:26

Tgt Ion: 117 Resp: 92321

Ion	Ratio	Lower	Upper
117	100		
201	85.3	44.6	133.8

117 100

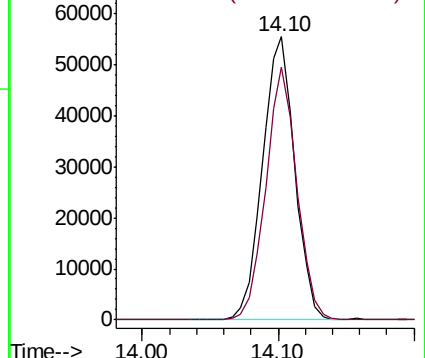
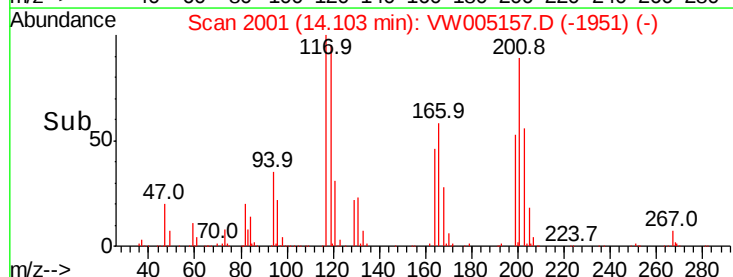
201 85.3 44.6 133.8

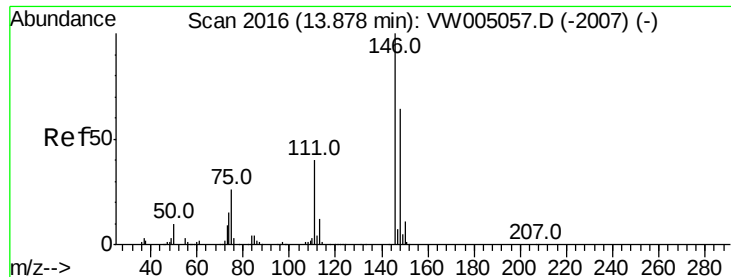


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

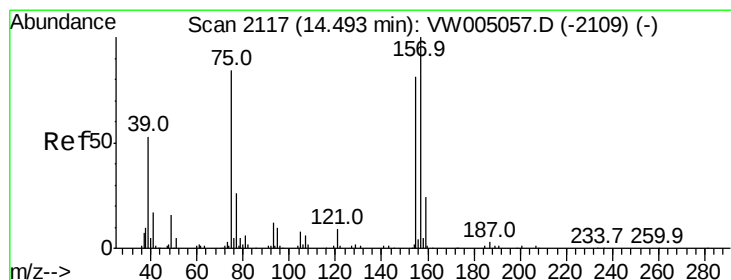
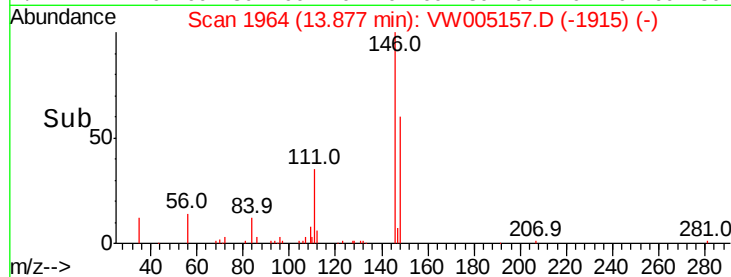
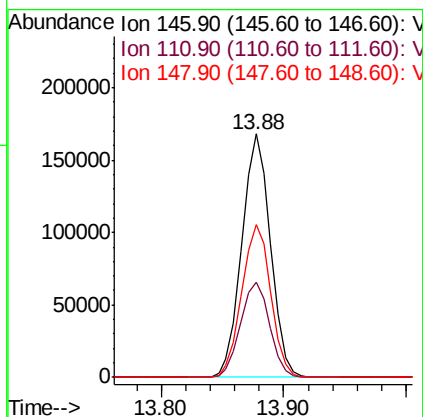
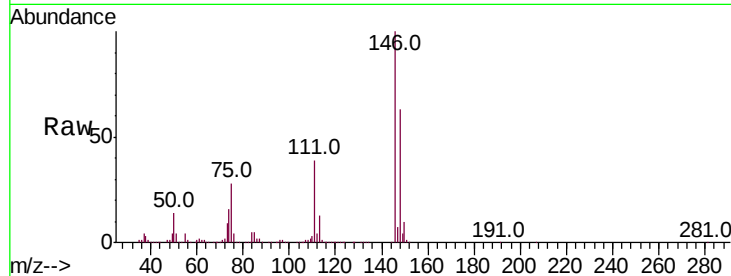




#91
 1,2-Dichlorobenzene
 Concen: 21.052 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005157.D
 Acq: 06 Sep 2018 12:26

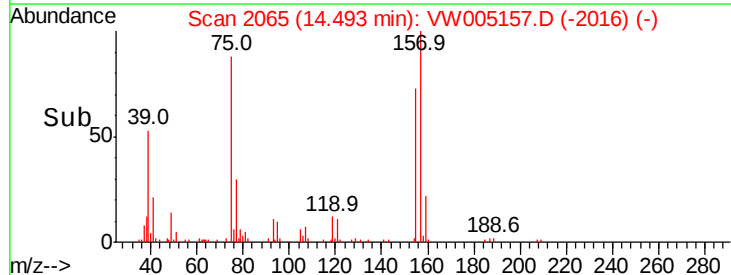
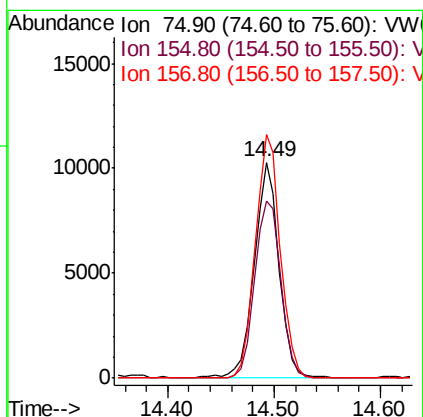
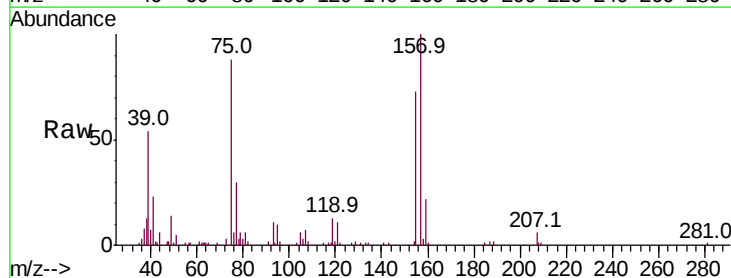
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD01

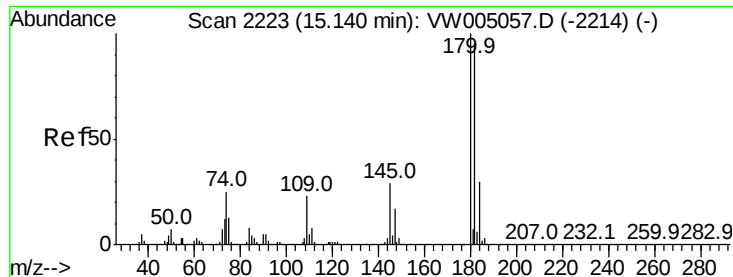
Tot Ion:146 Resp: 271843
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.9 59.7
 148 63.7 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 24.116 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005157.D
 Acq: 06 Sep 2018 12:26

Tgt Ion: 75 Resp: 16793
 Ion Ratio Lower Upper
 75 100
 155 86.2 46.0 137.8
 157 113.3 58.6 175.7

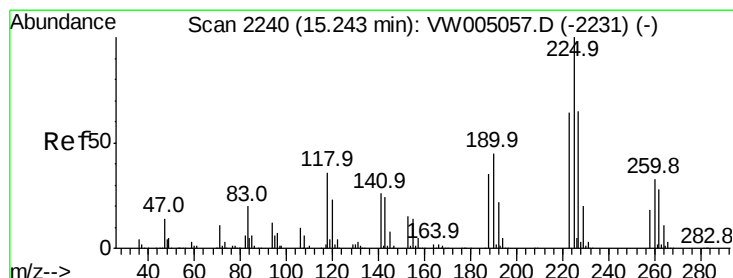
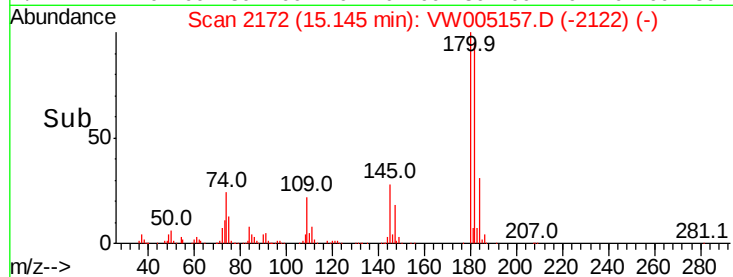
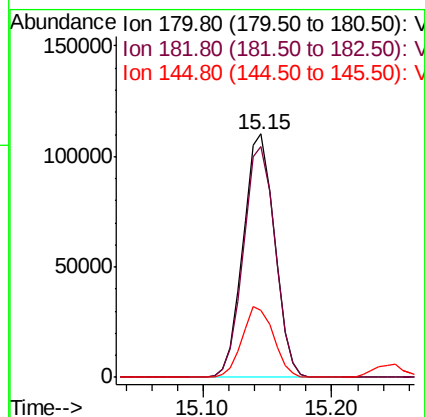
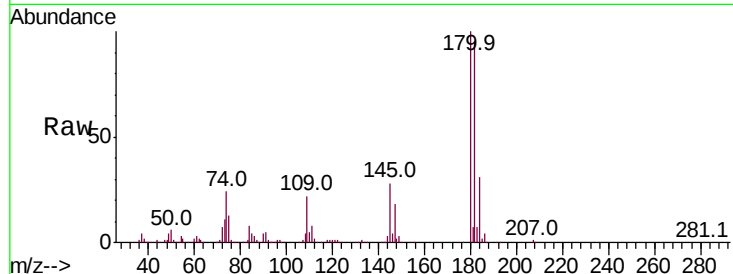




#93
 1,2,4-Trichlorobenzene
 Concen: 21.432 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW005157.D
 Acq: 06 Sep 2018 12:26

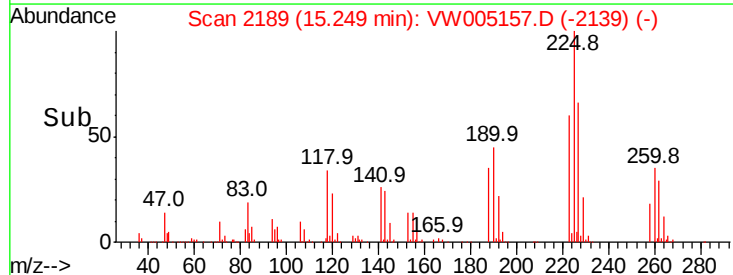
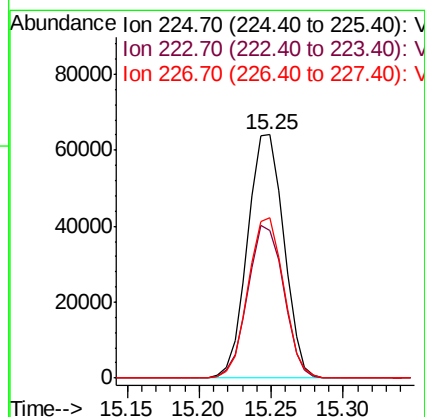
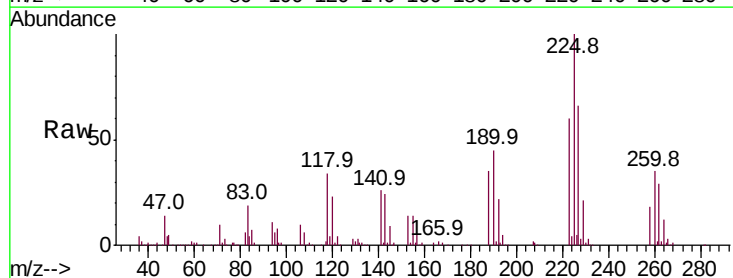
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD01

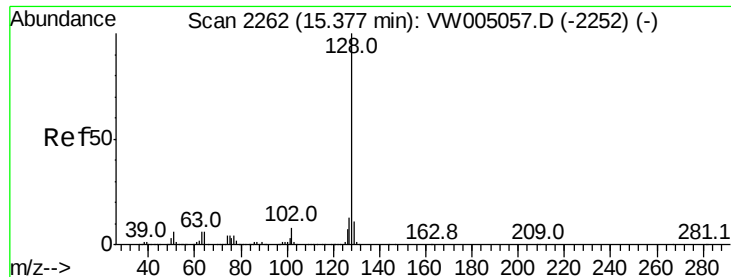
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.5	142.6
145	29.0	14.4	43.2



#94
 Hexachlorobutadiene
 Concen: 20.782 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW005157.D
 Acq: 06 Sep 2018 12:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.4	94.3
227	64.7	32.0	96.0

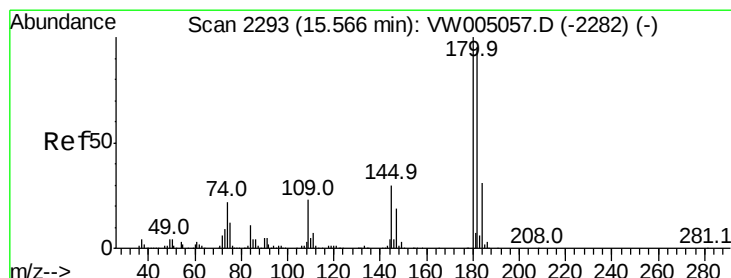
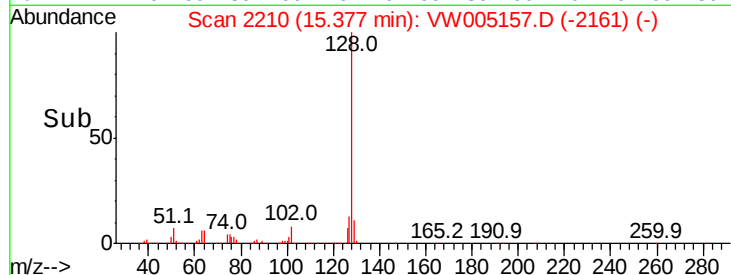
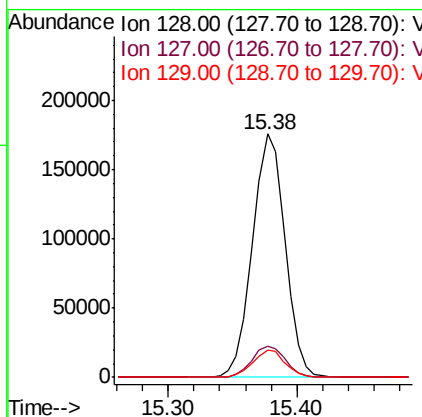
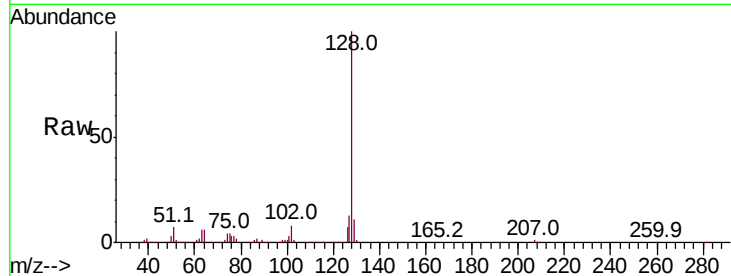




#95
Naphthalene
Concen: 22.820 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD01

Tot Ion:128 Resp: 306387
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 22.043 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005157.D
Acq: 06 Sep 2018 12:26

Tgt Ion:180 Resp: 163338
Ion Ratio Lower Upper
180 100
182 94.3 47.4 142.3
145 31.2 15.4 46.1

