

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005079.D
 Acq On : 04 Sep 2018 15:07
 Operator : SY/AP
 Sample : VW0904SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 04 16:26:31 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	459806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	637430	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	630166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	372886	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	186396	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
35) Dibromofluoromethane	7.89	113	194669	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
50) Toluene-d8	10.33	98	908178	53.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.02%	
62) 4-Bromofluorobenzene	12.62	95	333545	55.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	87213	23.537	ug/l	95
3) Chloromethane	2.22	50	110748	20.597	ug/l	99
4) Vinyl Chloride	2.36	62	109812	21.001	ug/l	100
5) Bromomethane	2.75	94	76540	21.220	ug/l	98
6) Chloroethane	2.90	64	66282	20.366	ug/l	99
7) Trichlorofluoromethane	3.25	101	129362	21.994	ug/l	98
8) Diethyl Ether	3.68	74	41800	19.642	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	87425	21.639	ug/l	99
10) Methyl Iodide	4.28	142	100964	19.264	ug/l	100
11) Tert butyl alcohol	5.17	59	31244	142.387	ug/l	98
12) 1,1-Dichloroethene	4.04	96	80996	21.784	ug/l	99
13) Acrolein	3.90	56	27384	110.687	ug/l	96
14) Allyl chloride	4.68	41	116360	20.021	ug/l	99
15) Acrylonitrile	5.38	53	96265	107.242	ug/l	98
16) Acetone	4.13	43	80128	104.824	ug/l	100
17) Carbon Disulfide	4.38	76	277649	21.431	ug/l	99
18) Methyl Acetate	4.68	43	43567	19.375	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	190422	21.091	ug/l	99
20) Methylene Chloride	4.92	84	166926	30.834	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	91890	20.285	ug/l	94
22) Diisopropyl ether	6.32	45	241034	19.708	ug/l	98
23) Vinyl Acetate	6.26	43	665528	103.600	ug/l	99
24) 1,1-Dichloroethane	6.22	63	151508	19.819	ug/l	100
25) 2-Butanone	7.18	43	135180	101.957	ug/l	98
26) 2,2-Dichloropropane	7.17	77	132677	21.120	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	100054	20.191	ug/l	100
28) Bromochloromethane	7.52	49	58317	18.953	ug/l	94
29) Tetrahydrofuran	7.54	42	71521	105.573	ug/l	98
30) Chloroform	7.68	83	153636	19.691	ug/l	95
31) Cyclohexane	7.96	56	157321	21.015	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	140751	20.713	ug/l	99
36) 1,1-Dichloropropene	8.09	75	135898	22.385	ug/l	99
37) Ethyl Acetate	7.26	43	49500	21.803	ug/l	98
38) Carbon Tetrachloride	8.07	117	127870	22.152	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005079.D
 Acq On : 04 Sep 2018 15:07
 Operator : SY/AP
 Sample : VW0904SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 04 16:26:31 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)
39) Methylcyclohexane	9.34	83	158671	21.612	ug/l	98
40) Benzene	8.33	78	386771	20.811	ug/l	98
41) Methacrylonitrile	7.49	41	22848	17.369	ug/l #	75
42) 1,2-Dichloroethane	8.40	62	93454	20.546	ug/l	100
43) Isopropyl Acetate	8.43	43	86643	20.972	ug/l	98
44) Trichloroethene	9.10	130	109242	21.785	ug/l	94
45) 1,2-Dichloropropane	9.37	63	92732	20.425	ug/l	98
46) Dibromomethane	9.46	93	46132	21.249	ug/l	99
47) Bromodichloromethane	9.65	83	113712	20.802	ug/l	99
48) Methyl methacrylate	9.45	41	41745	20.985	ug/l	97
49) 1,4-Dioxane	9.45	88	17521	499.053	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	304030	109.805	ug/l	99
52) Toluene	10.39	92	271594	21.568	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	116812	21.747	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	141394	21.645	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	73396	21.835	ug/l	98
56) Ethyl methacrylate	10.65	69	83225	21.702	ug/l	98
57) 1,3-Dichloropropane	10.94	76	116815	21.109	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	195275	107.463	ug/l	99
59) 2-Hexanone	10.98	43	217581	116.184	ug/l	99
60) Dibromochloromethane	11.13	129	81944	21.564	ug/l	98
61) 1,2-Dibromoethane	11.24	107	64829	21.362	ug/l	100
64) Tetrachloroethene	10.87	164	101632	20.555	ug/l	95
65) Chlorobenzene	11.66	112	302651	21.333	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	92112	21.247	ug/l	100
67) Ethyl Benzene	11.74	91	515753	21.505	ug/l	99
68) m/p-Xylenes	11.85	106	436722	45.479	ug/l	98
69) o-Xylene	12.17	106	198283	22.334	ug/l	98
70) Styrene	12.19	104	331858	22.628	ug/l	99
71) Bromoform	12.35	173	50354	21.915	ug/l #	100
73) Isopropylbenzene	12.47	105	530577	20.180	ug/l	99
74) N-amyl acetate	12.28	43	93952	20.753	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	79182	19.783	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	107464	38.394	ug/l #	100
77) Bromobenzene	12.76	156	132194	20.405	ug/l	97
78) n-propylbenzene	12.81	91	665010	20.952	ug/l	100
79) 2-Chlorotoluene	12.90	91	376894	20.353	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	485103	21.335	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	23715	20.393	ug/l	97
82) 4-Chlorotoluene	12.99	91	407332	20.831	ug/l	100
83) tert-Butylbenzene	13.21	119	398736	20.999	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	498734	21.538	ug/l	99
85) sec-Butylbenzene	13.39	105	587494	21.054	ug/l	100
86) p-Isopropyltoluene	13.51	119	532207	21.546	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	280781	21.099	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	277121	20.993	ug/l	99
89) n-Butylbenzene	13.83	91	496226	21.676	ug/l	100
90) Hexachloroethane	14.10	117	79930	19.481	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	246439	21.247	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	13359	21.358	ug/l	98

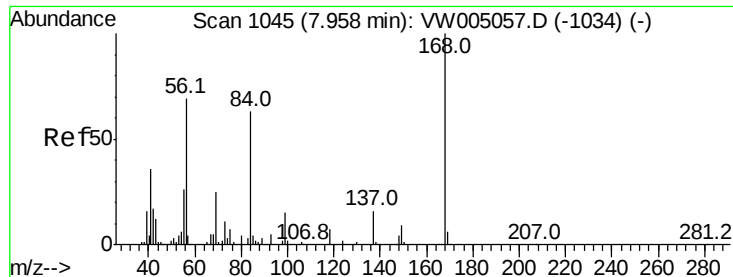
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090418\
Data File : VW005079.D
Acq On : 04 Sep 2018 15:07
Operator : SY/AP
Sample : VW0904SBS01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Sep 04 16:26:31 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	180966	23.268	ug/l	100
94) Hexachlorobutadiene	15.24	225	108492	22.429	ug/l	100
95) Naphthalene	15.38	128	284277	23.441	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	155649	23.385	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

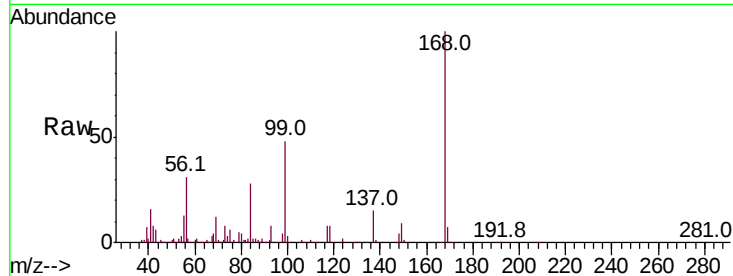
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 459806

Ion Ratio Lower Upper

168 100

99 47.8 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

200000

150000

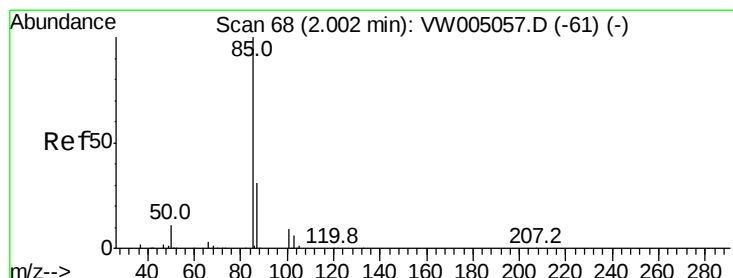
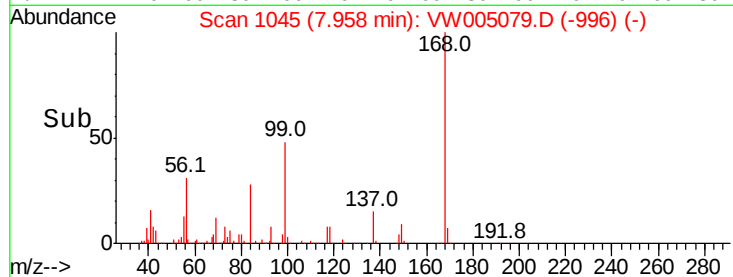
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 23.537 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW005079.D

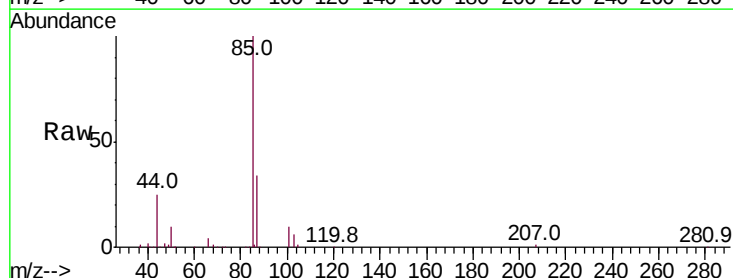
Acq: 04 Sep 2018 15:07

Tgt Ion: 85 Resp: 87213

Ion Ratio Lower Upper

85 100

87 34.5 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

60000

50000

40000

30000

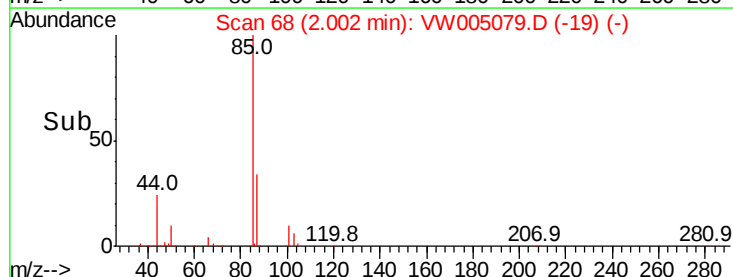
20000

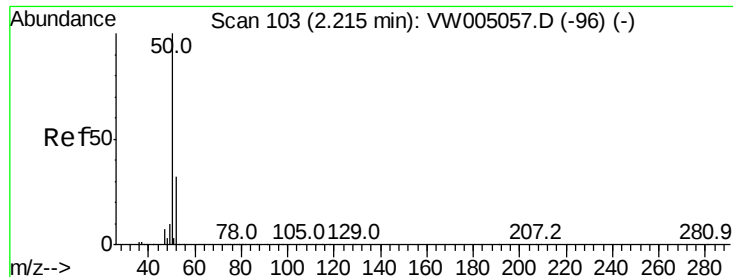
10000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 20.597 ug/l

RT: 2.22 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :

MSVOA_W

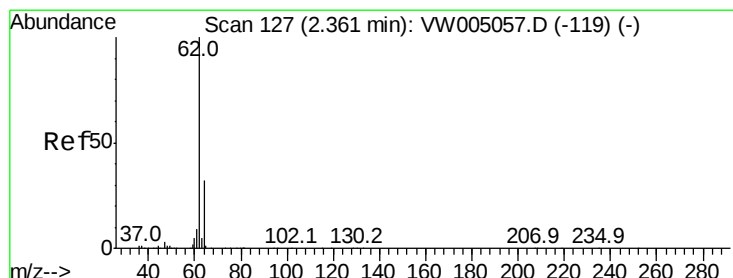
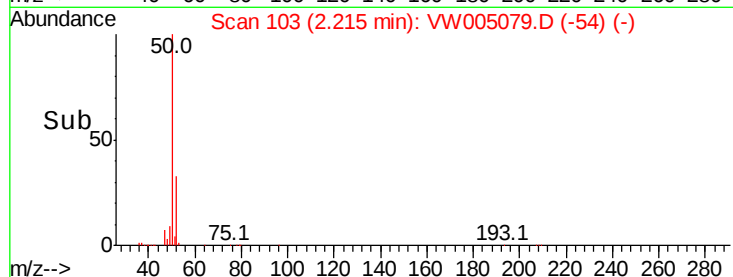
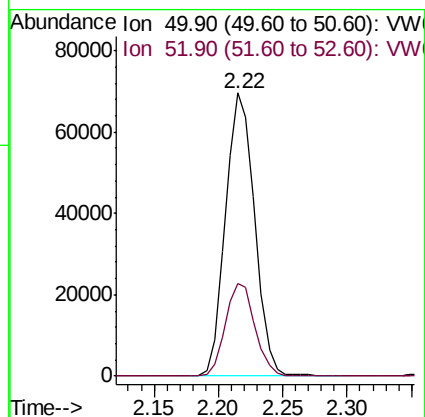
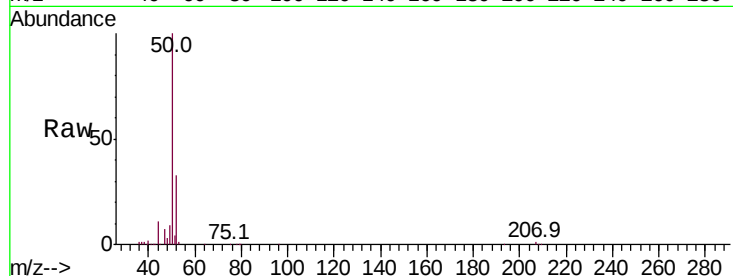
ClientSampleId :

Tot Ion: 50 Resp: 110748

Ion Ratio Lower Upper

50 100

52 33.0 25.8 38.6



#4

Vinyl Chloride

Concen: 21.001 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.01 min

Lab File: VW005079.D

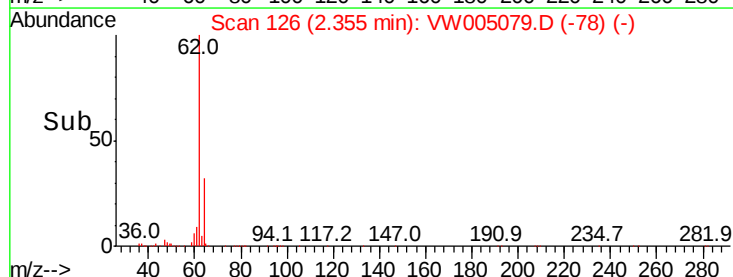
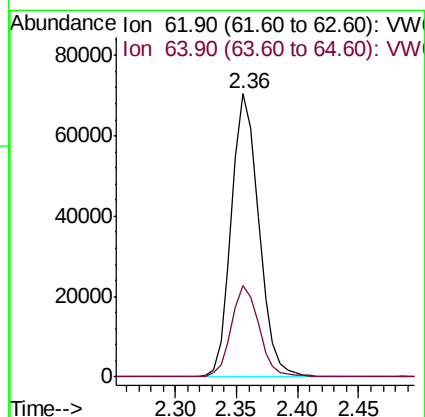
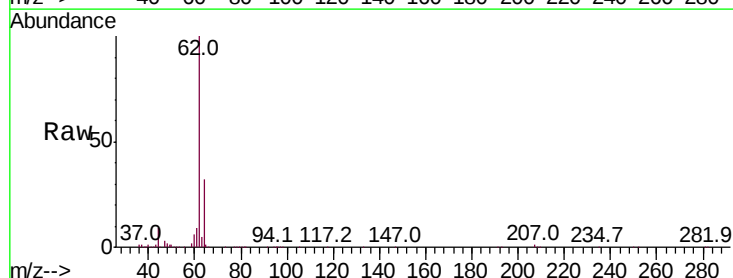
Acq: 04 Sep 2018 15:07

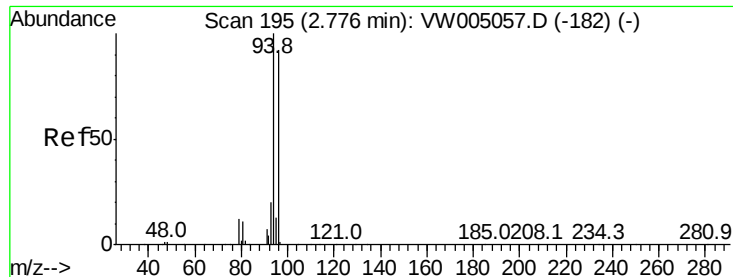
Tgt Ion: 62 Resp: 109812

Ion Ratio Lower Upper

62 100

64 32.1 25.6 38.4





#5

Bromomethane

Concen: 21.220 ug/l

RT: 2.75 min Scan# 190

Delta R.T. -0.03 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :

MSVOA_W

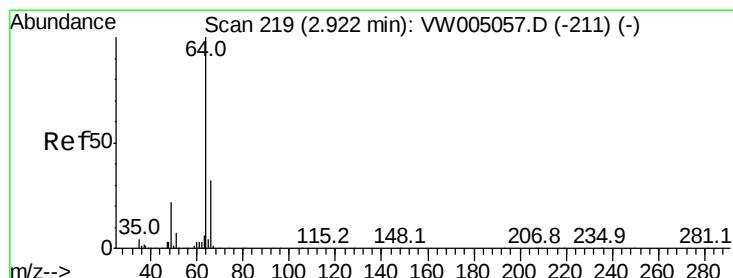
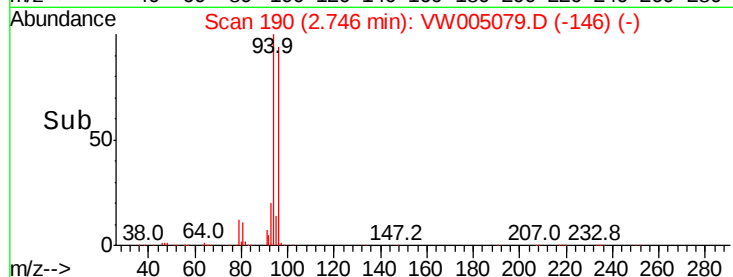
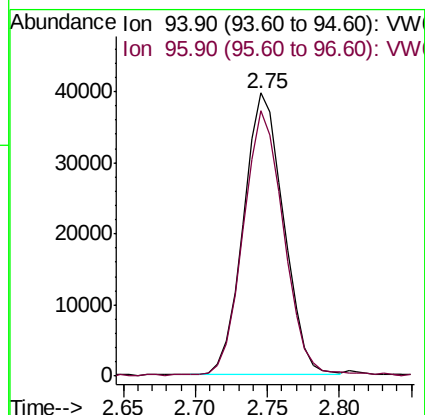
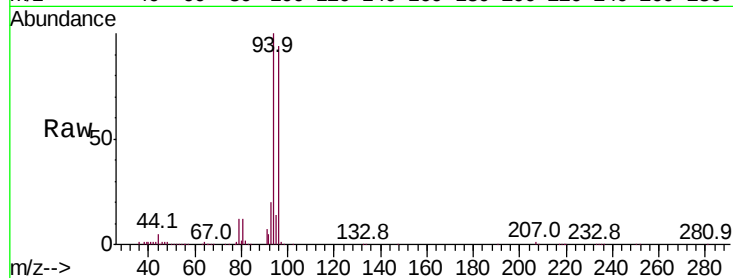
ClientSampleId :

Tot Ion: 94 Resp: 76540

Ion Ratio Lower Upper

94 100

96 93.7 73.2 109.8



#6

Chloroethane

Concen: 20.366 ug/l

RT: 2.90 min Scan# 216

Delta R.T. -0.02 min

Lab File: VW005079.D

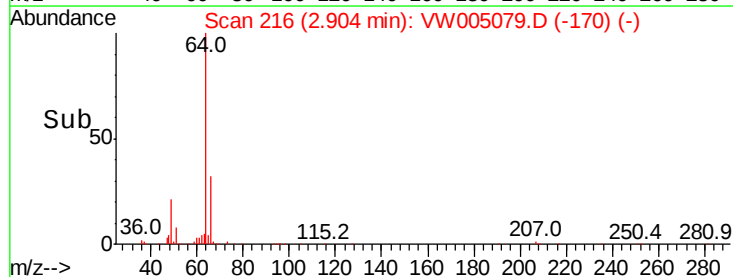
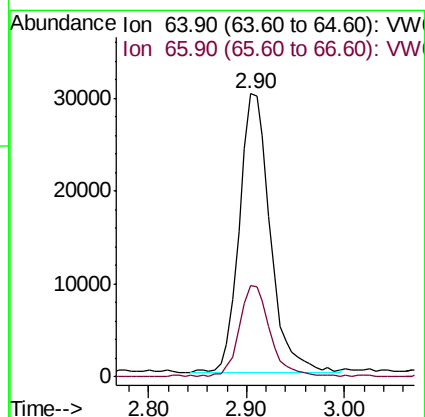
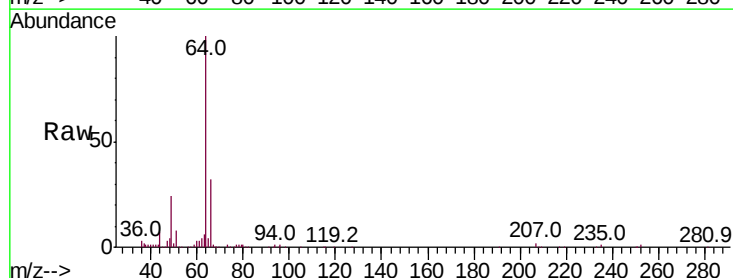
Acq: 04 Sep 2018 15:07

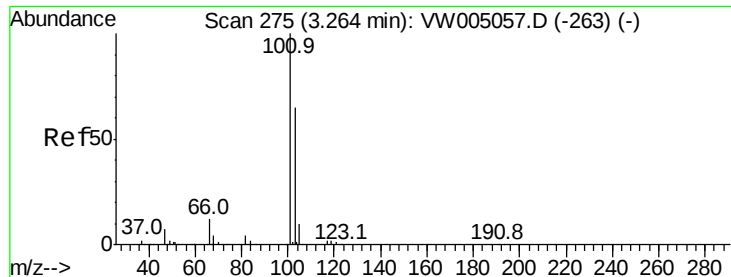
Tgt Ion: 64 Resp: 66282

Ion Ratio Lower Upper

64 100

66 32.8 25.7 38.5



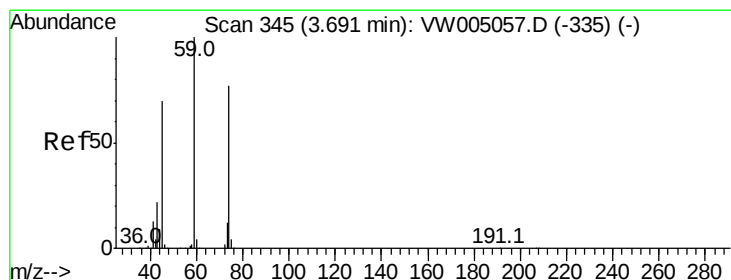
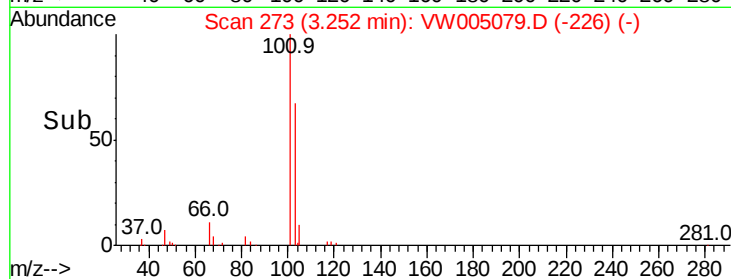
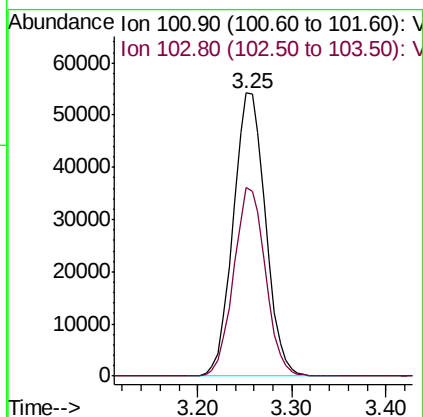
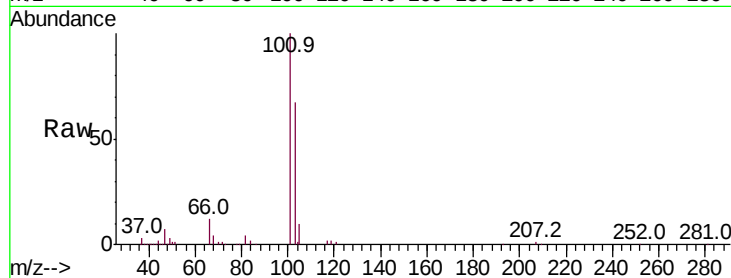


#7

Trichlorofluoromethane
Concen: 21.994 ug/l
RT: 3.25 min Scan# 273
Delta R.T. -0.01 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Instrument :
MSVOA_W
ClientSampled :

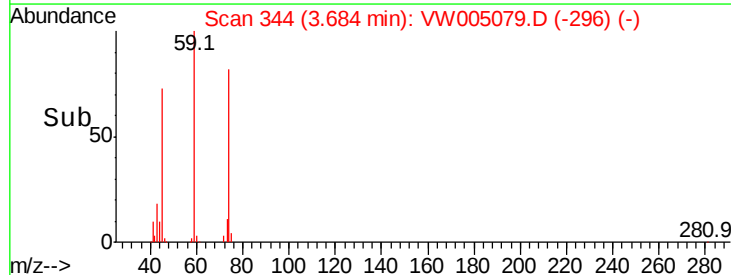
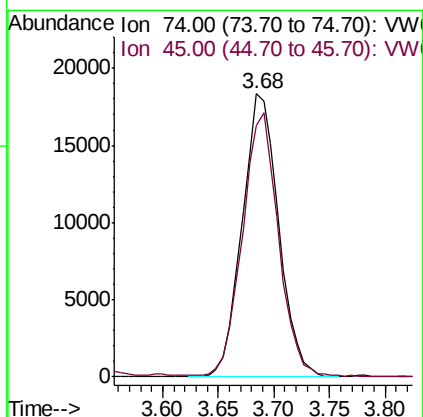
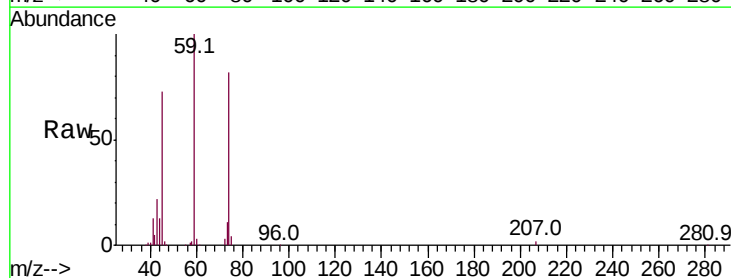
Tot Ion:101 Resp: 129362
Ion Ratio Lower Upper
101 100
103 66.6 51.9 77.9

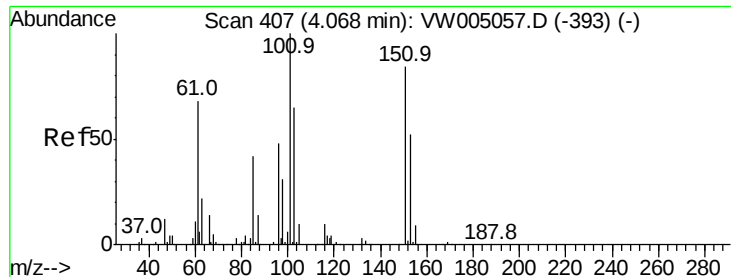


#8

Diethyl Ether
Concen: 19.642 ug/l
RT: 3.68 min Scan# 344
Delta R.T. -0.01 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Tgt Ion: 74 Resp: 41800
Ion Ratio Lower Upper
74 100
45 93.1 46.0 137.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.639 ug/l

RT: 4.06 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :

MSVOA_W

ClientSampleId :

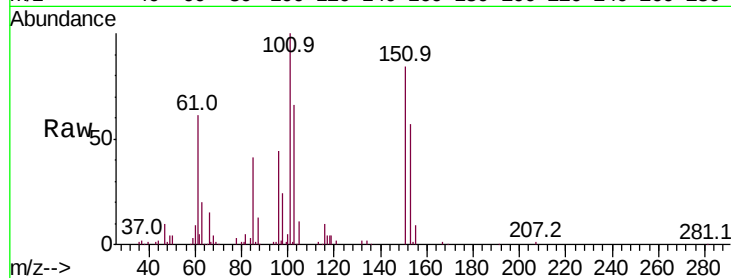
Tot Ion:101 Resp: 87425

Ion Ratio Lower Upper

101 100

85 41.3 33.0 49.6

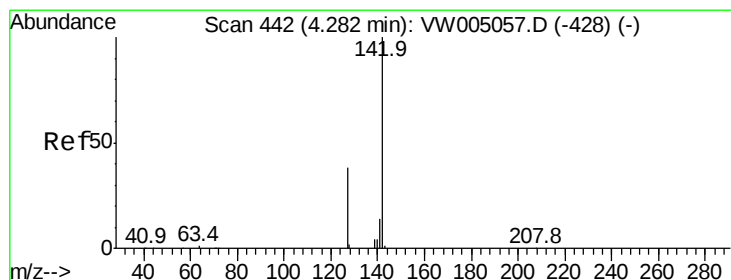
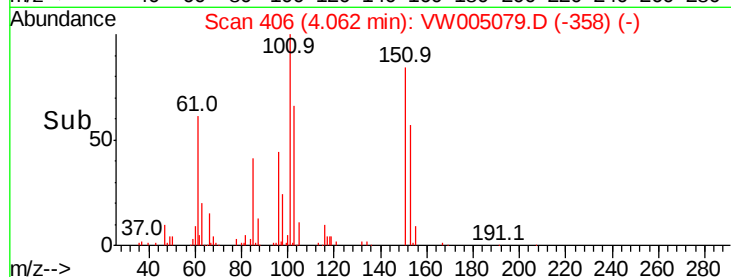
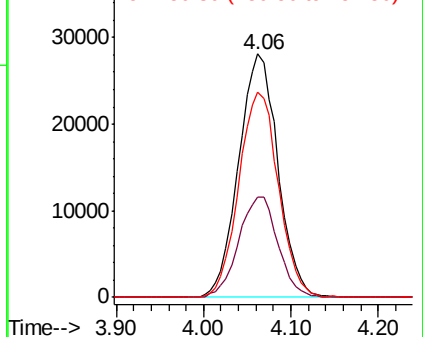
151 85.1 67.0 100.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.264 ug/l

RT: 4.28 min Scan# 441

Delta R.T. -0.01 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

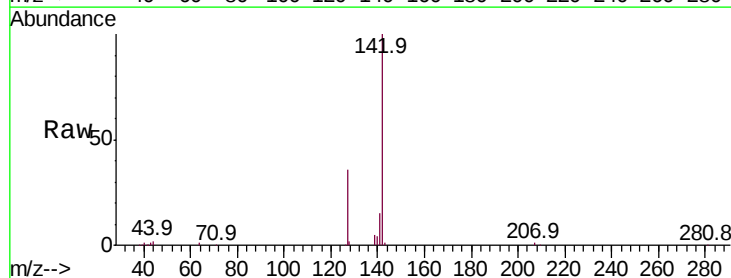
Tgt Ion:142 Resp: 100964

Ion Ratio Lower Upper

142 100

127 38.2 30.8 46.2

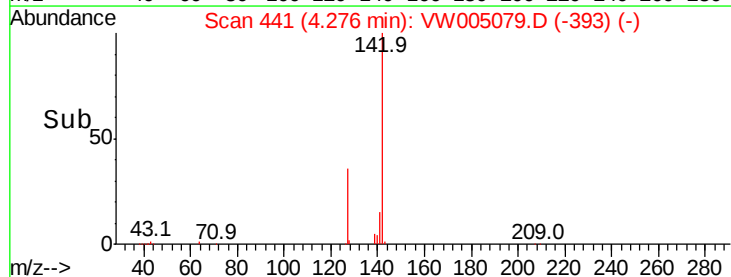
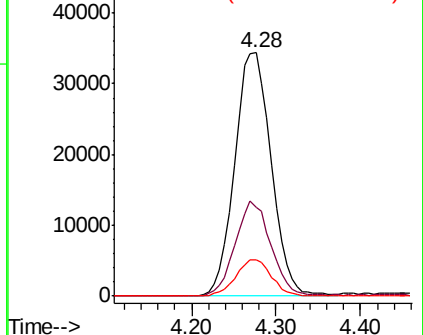
141 14.5 11.6 17.4

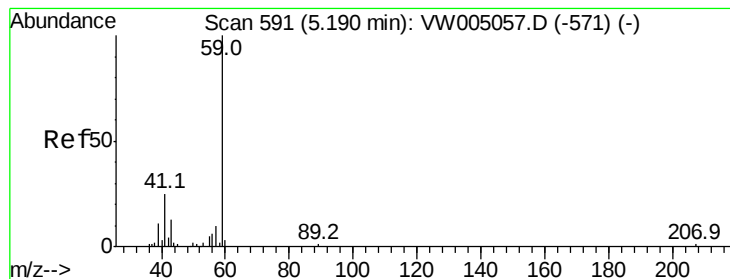


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



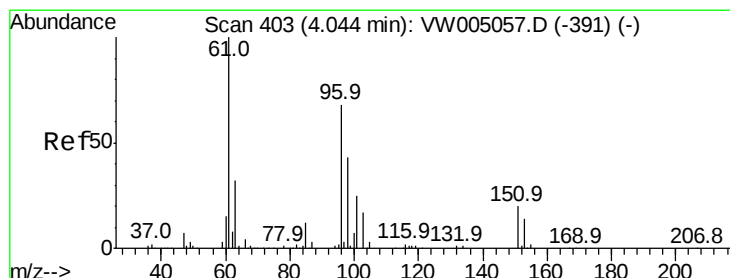
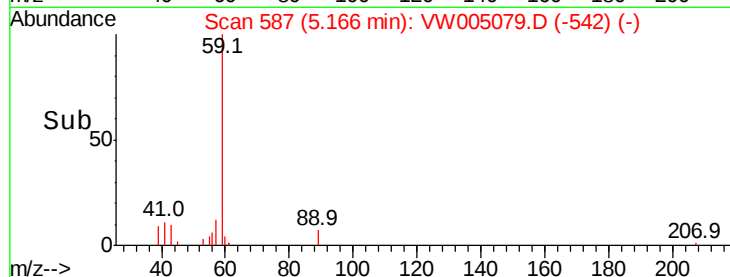
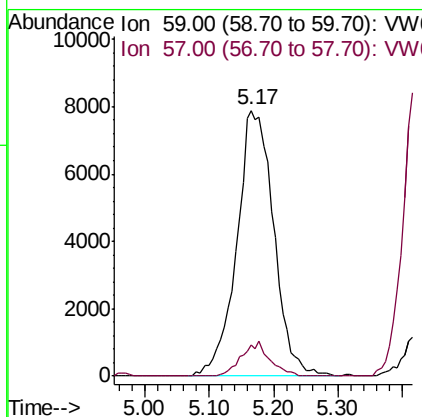
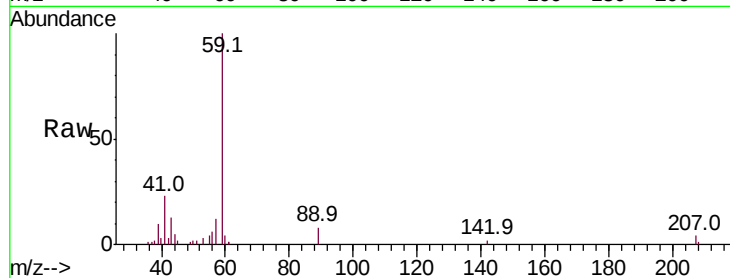


#11

Tert butyl alcohol
 Concen: 142.387 ug/l
 RT: 5.17 min Scan# 587
 Delta R.T. -0.02 min
 Lab File: VW005079.D
 Acq: 04 Sep 2018 15:07

Instrument :
 MSVOA_W
 ClientSampled :

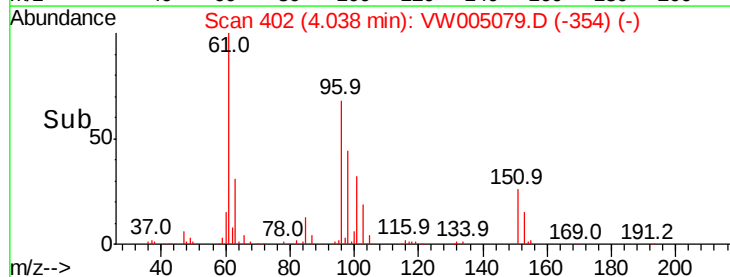
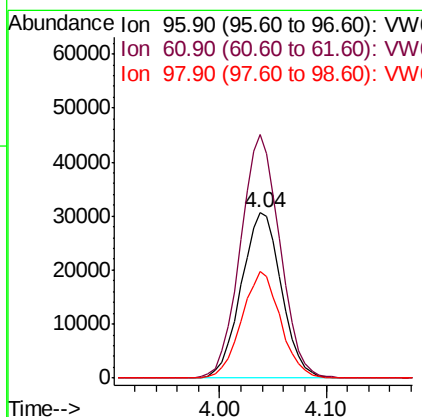
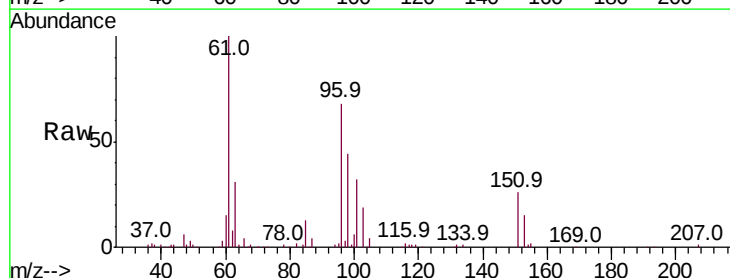
Tot Ion: 59 Resp: 31244
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.6 12.8

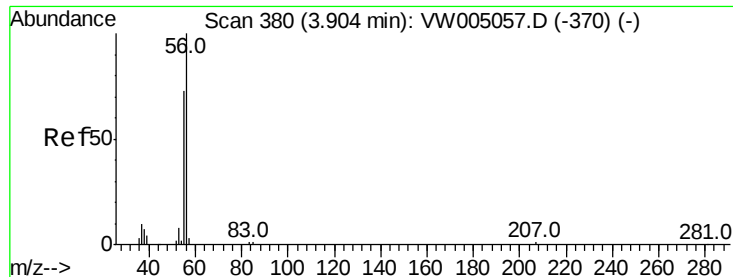


#12

1,1-Dichloroethene
 Concen: 21.784 ug/l
 RT: 4.04 min Scan# 402
 Delta R.T. -0.01 min
 Lab File: VW005079.D
 Acq: 04 Sep 2018 15:07

Tgt Ion: 96 Resp: 80996
 Ion Ratio Lower Upper
 96 100
 61 147.3 117.4 176.0
 98 64.3 51.0 76.4





#13

Acrolein

Concen: 110.687 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :

MSVOA_W

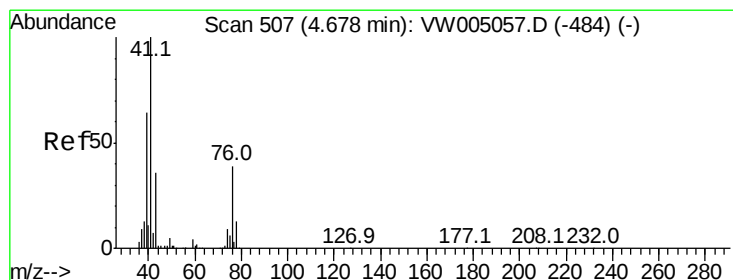
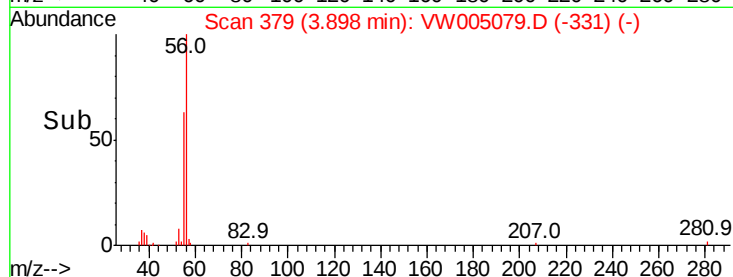
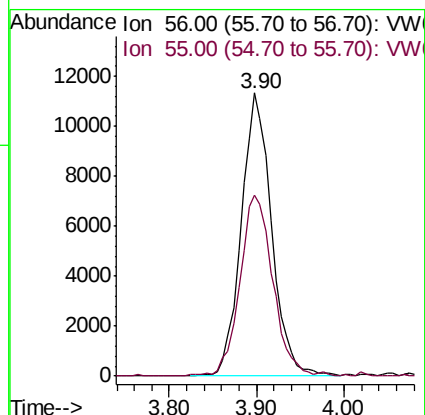
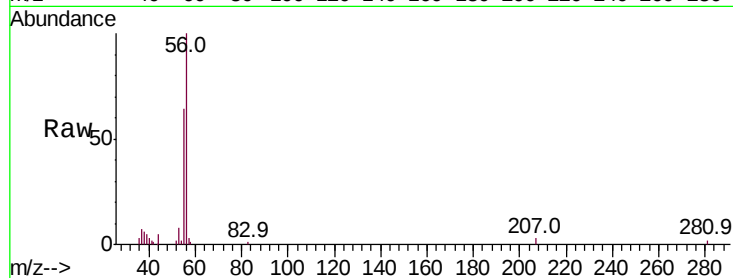
ClientSampleId :

Tot Ion: 56 Resp: 27384

Ion Ratio Lower Upper

56 100

55 69.2 58.1 87.1



#14

Allyl chloride

Concen: 20.021 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

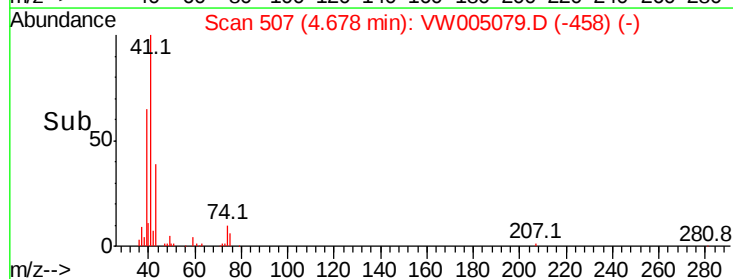
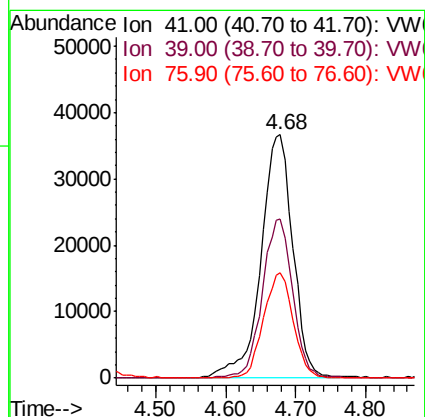
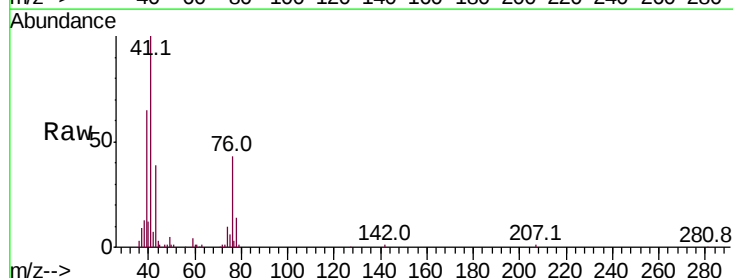
Tgt Ion: 41 Resp: 116360

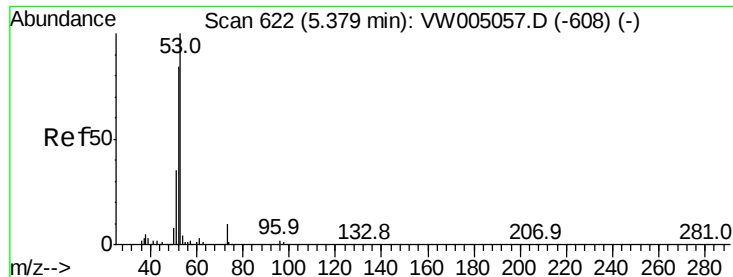
Ion Ratio Lower Upper

41 100

39 62.3 49.4 74.2

76 40.2 31.8 47.6





#15

Acrylonitrile

Concen: 107.242 ug/l

RT: 5.38 min Scan# 622

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :

MSVOA_W

ClientSampleId :

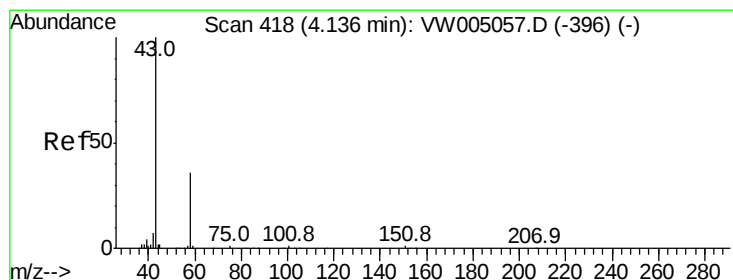
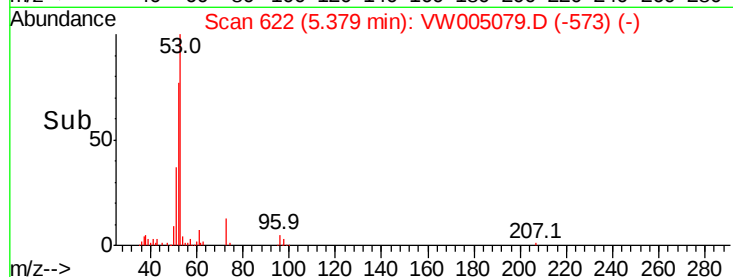
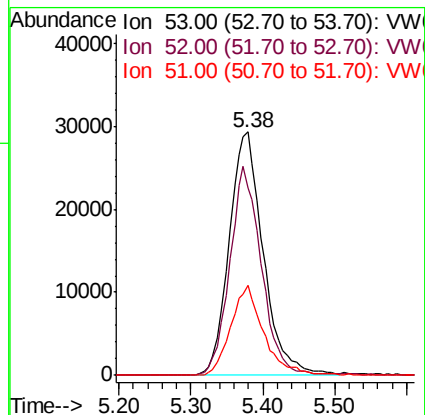
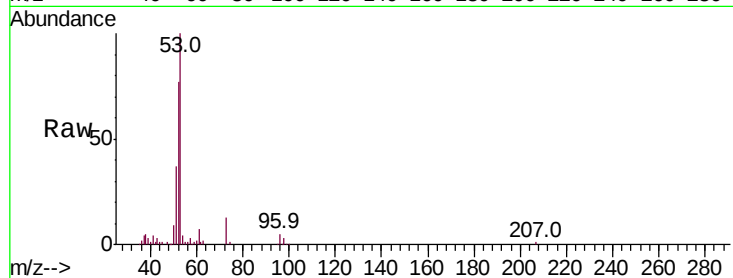
Tot Ion: 53 Resp: 96265

Ion Ratio Lower Upper

53 100

52 79.4 65.7 98.5

51 35.6 28.8 43.2



#16

Acetone

Concen: 104.824 ug/l

RT: 4.13 min Scan# 417

Delta R.T. -0.01 min

Lab File: VW005079.D

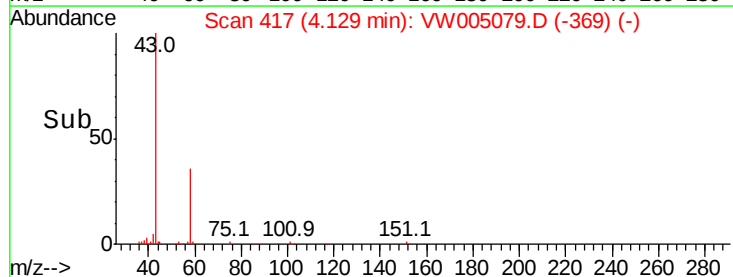
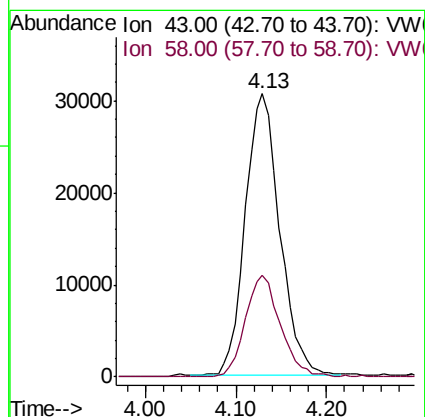
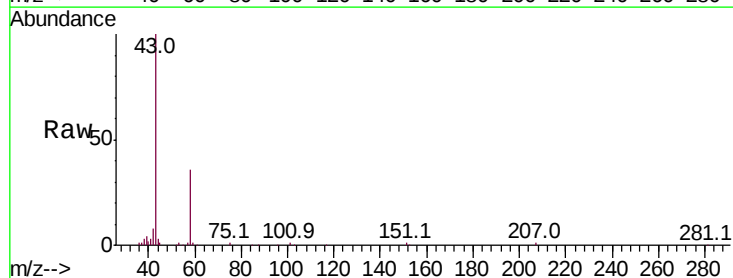
Acq: 04 Sep 2018 15:07

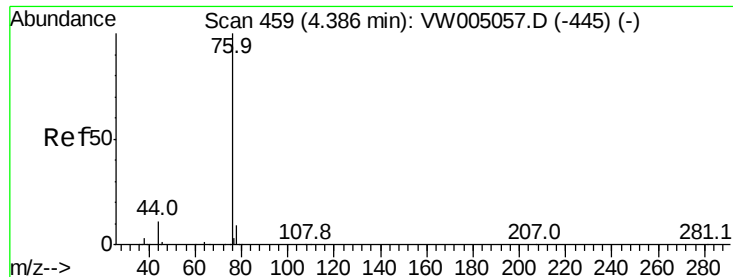
Tgt Ion: 43 Resp: 80128

Ion Ratio Lower Upper

43 100

58 36.0 29.0 43.6





#17

Carbon Disulfide

Concen: 21.431 ug/l

RT: 4.38 min Scan# 458

Delta R.T. -0.01 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :

MSVOA_W

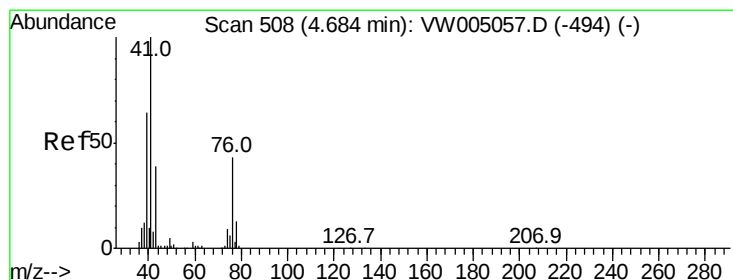
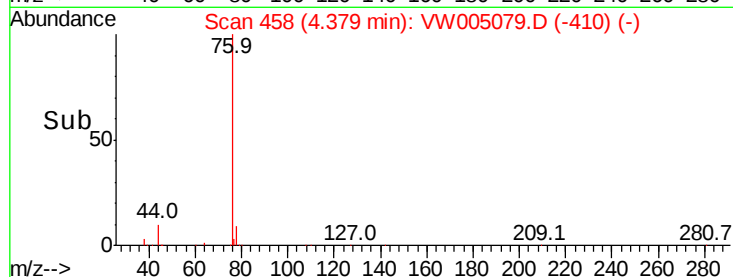
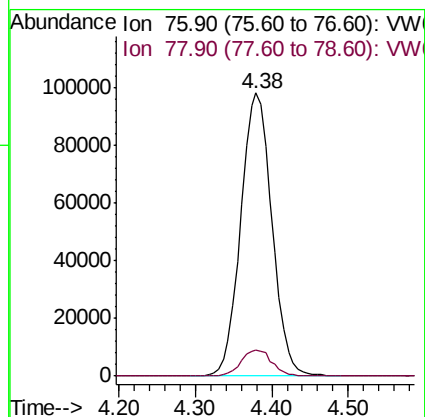
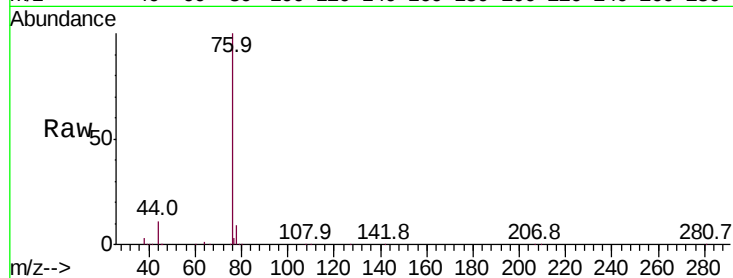
ClientSampled :

Tot Ion: 76 Resp: 277649

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9



#18

Methyl Acetate

Concen: 19.375 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW005079.D

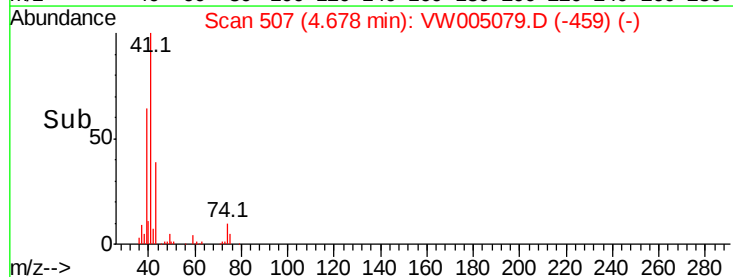
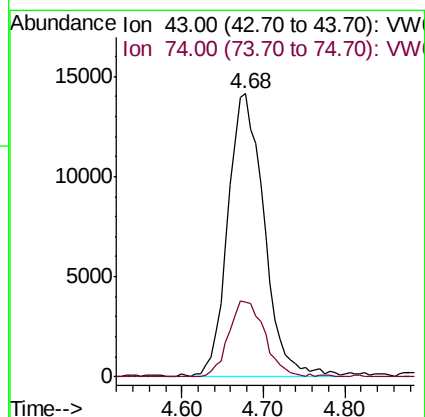
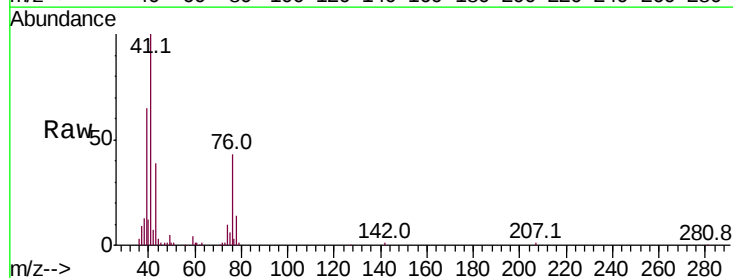
Acq: 04 Sep 2018 15:07

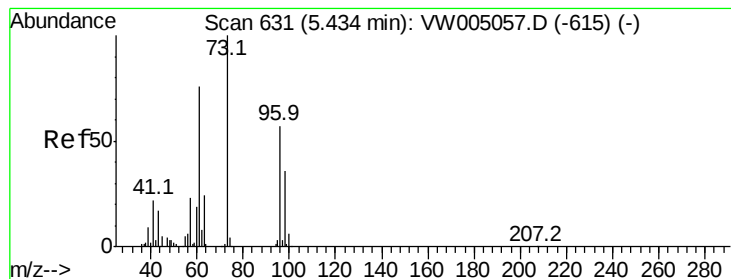
Tgt Ion: 43 Resp: 43567

Ion Ratio Lower Upper

43 100

74 26.4 20.7 31.1



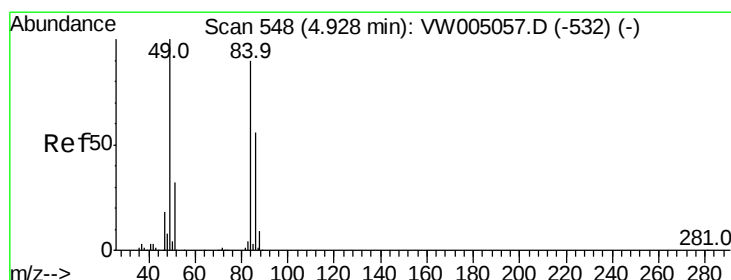
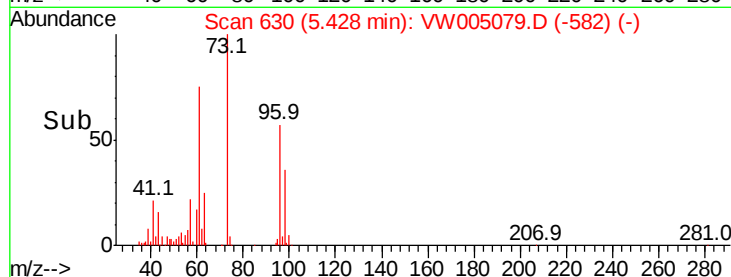
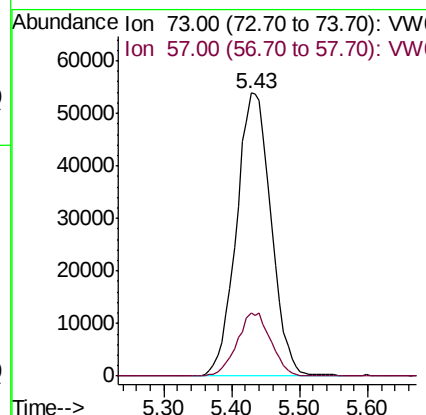
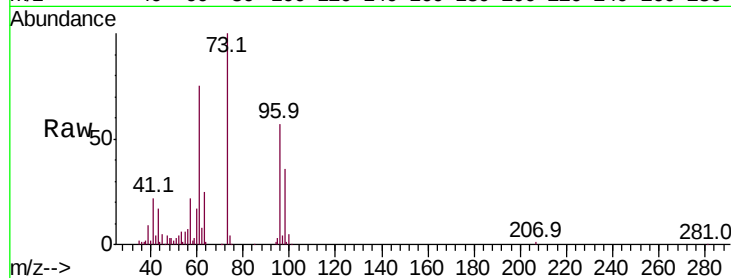


#19

Methyl tert-butyl Ether
 Concen: 21.091 ug/l
 RT: 5.43 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: VW005079.D
 Acq: 04 Sep 2018 15:07

Instrument :
 MSVOA_W
 ClientSampled :

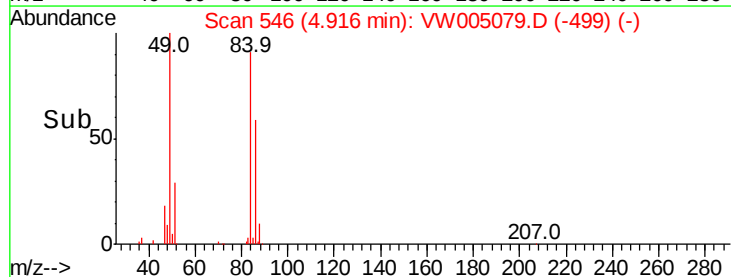
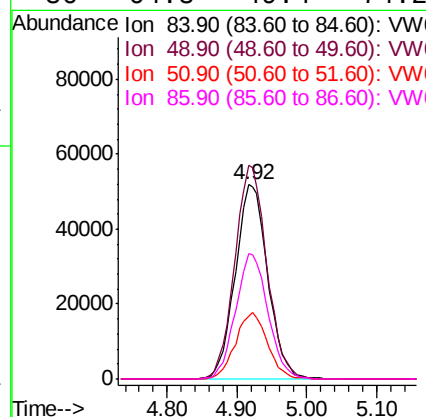
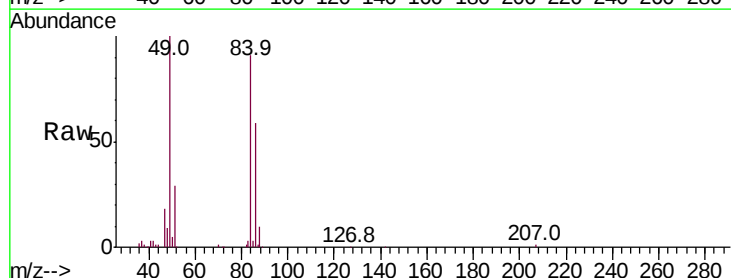
Tot Ion: 73 Resp: 190422
 Ion Ratio Lower Upper
 73 100
 57 22.3 18.1 27.1

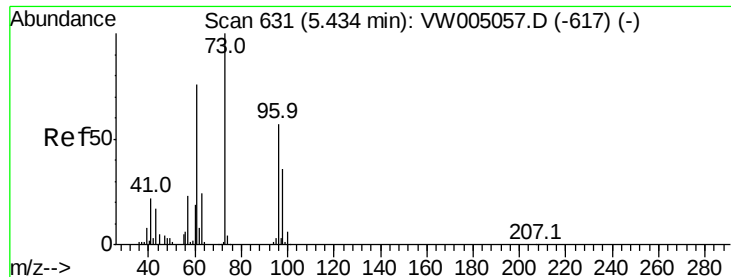


#20

Methylene Chloride
 Concen: 30.834 ug/l
 RT: 4.92 min Scan# 546
 Delta R.T. -0.01 min
 Lab File: VW005079.D
 Acq: 04 Sep 2018 15:07

Tgt Ion: 84 Resp: 166926
 Ion Ratio Lower Upper
 84 100
 49 110.1 88.7 133.1
 51 32.0 28.6 42.8
 86 64.8 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 20.285 ug/l

RT: 5.43 min Scan# 631

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :
MSVOA_W
ClientSampled :

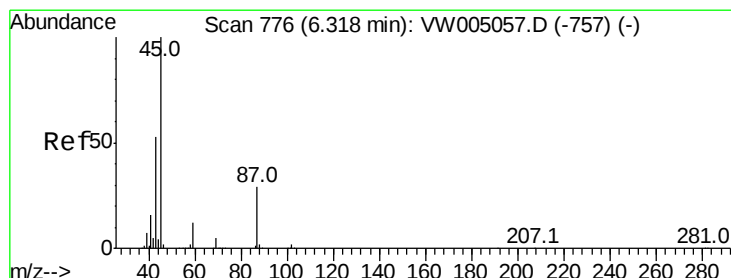
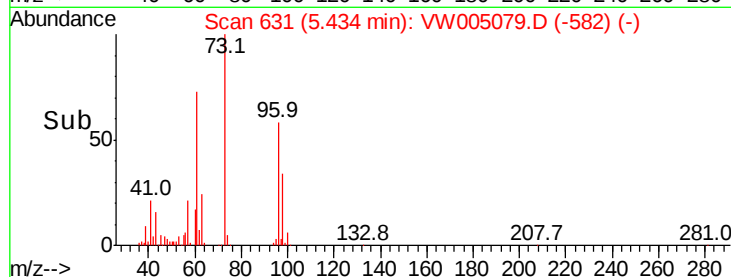
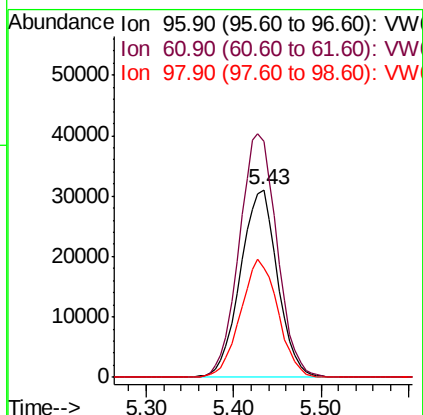
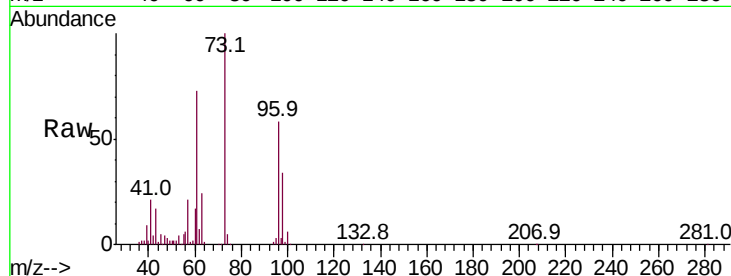
Tot Ion: 96 Resp: 91890

Ion Ratio Lower Upper

96 100

61 125.7 106.3 159.5

98 58.3 50.9 76.3



#22

Diisopropyl ether

Concen: 19.708 ug/l

RT: 6.32 min Scan# 776

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Tgt Ion: 45 Resp: 241034

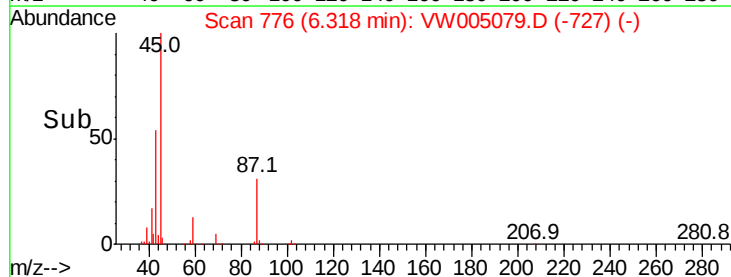
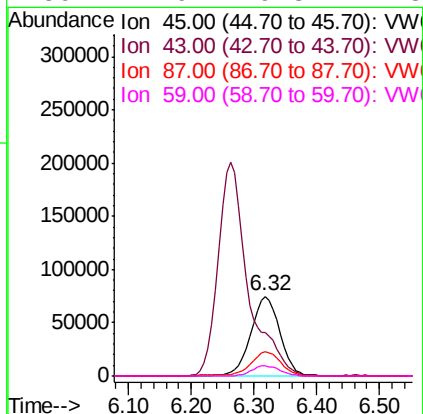
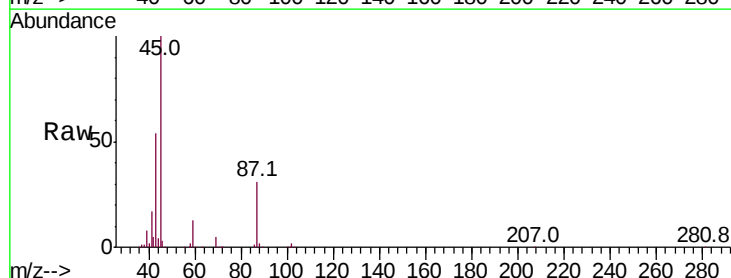
Ion Ratio Lower Upper

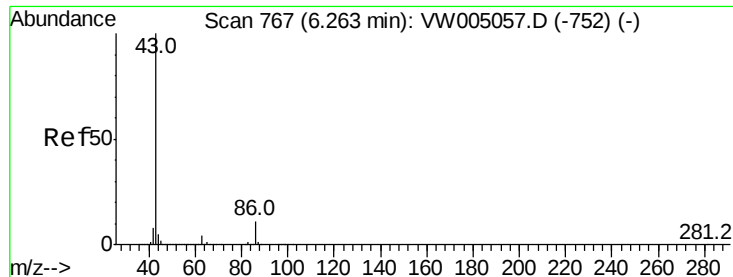
45 100

43 54.0 42.6 63.8

87 31.1 23.6 35.4

59 12.9 9.8 14.8





#23

Vinyl Acetate

Concen: 103.600 ug/l

RT: 6.26 min Scan# 767

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :

MSVOA_W

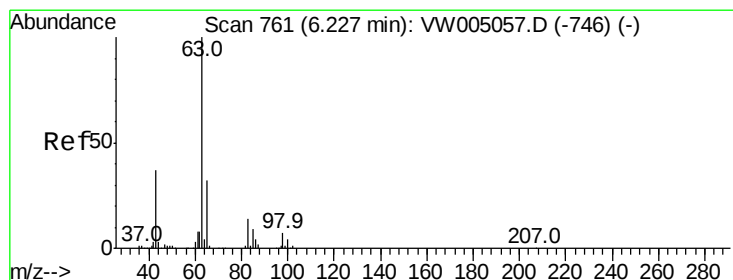
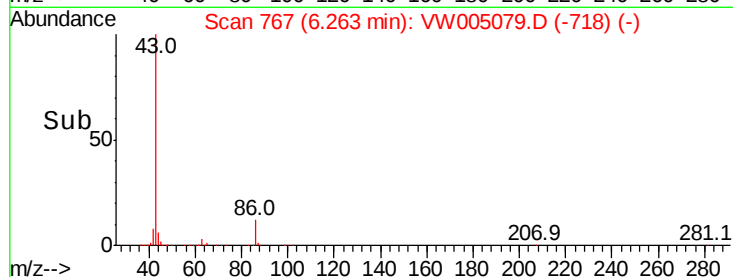
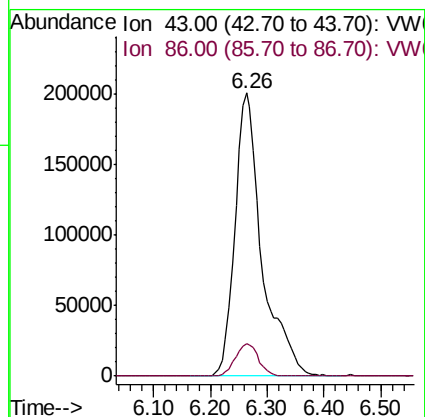
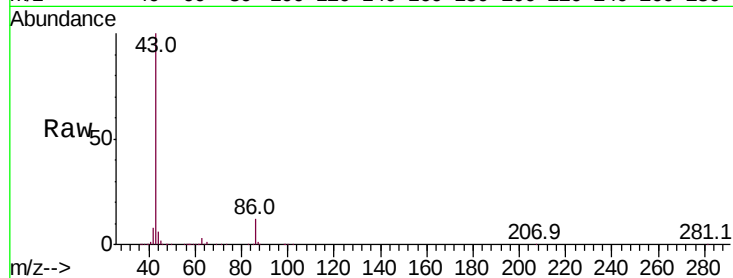
ClientSampled :

Tot Ion: 43 Resp: 665528

Ion Ratio Lower Upper

43 100

86 11.6 9.0 13.4



#24

1,1-Dichloroethane

Concen: 19.819 ug/l

RT: 6.22 min Scan# 760

Delta R.T. -0.01 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

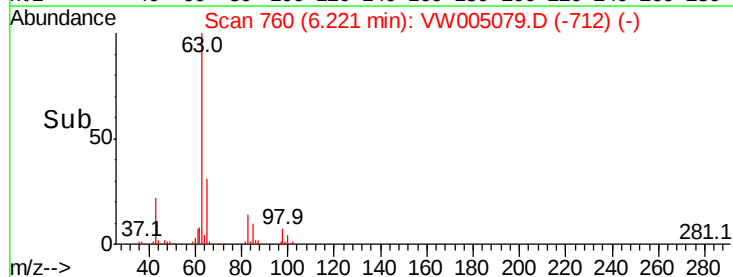
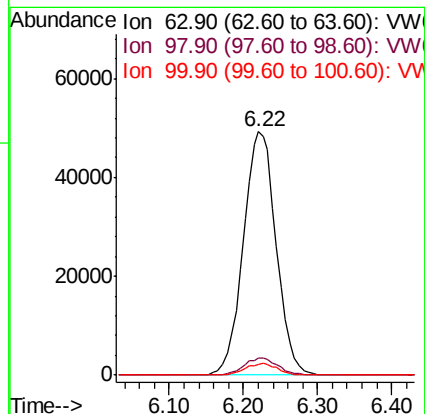
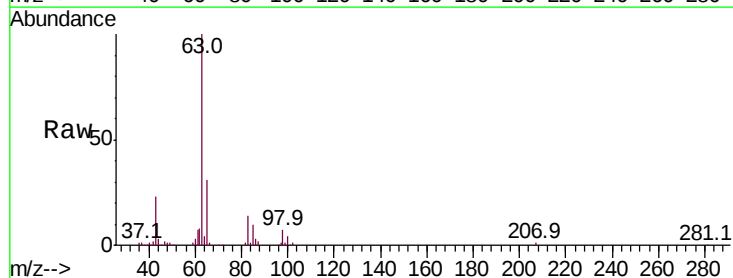
Tgt Ion: 63 Resp: 151508

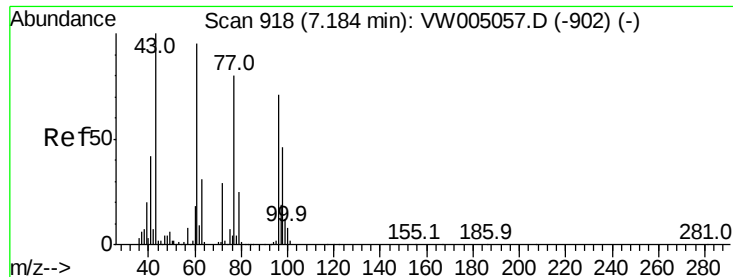
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

100 4.3 2.2 6.6





#25

2-Butanone

Concen: 101.957 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

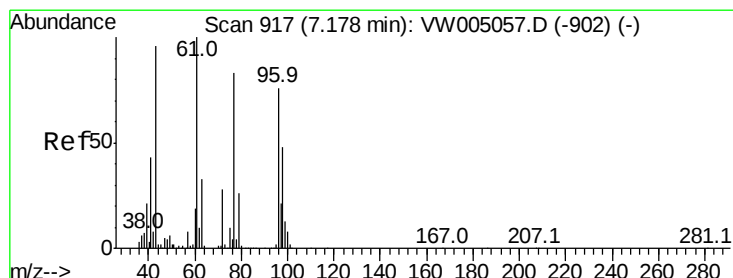
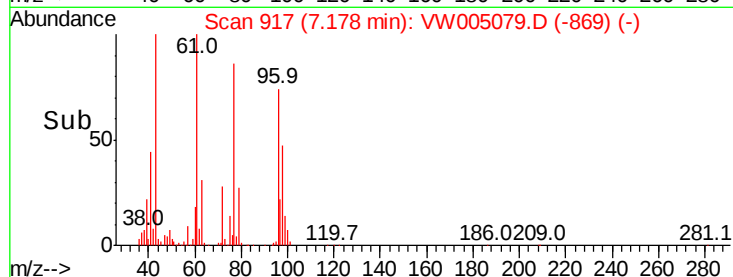
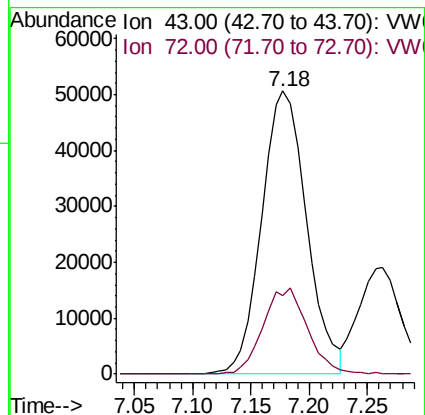
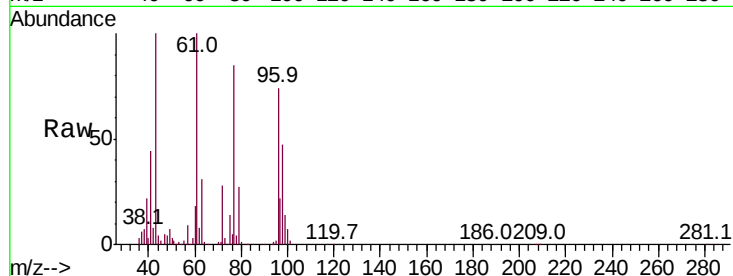
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 135180

Ion Ratio Lower Upper

43 100

72 27.9 23.1 34.7



#26

2,2-Dichloropropane

Concen: 21.120 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW005079.D

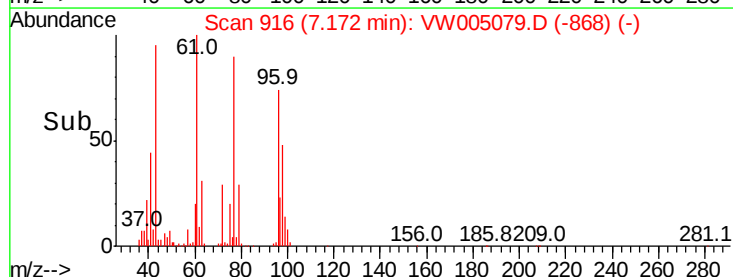
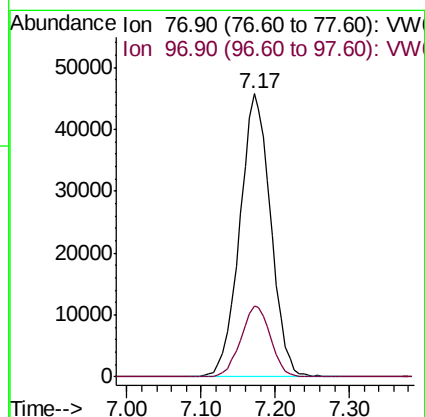
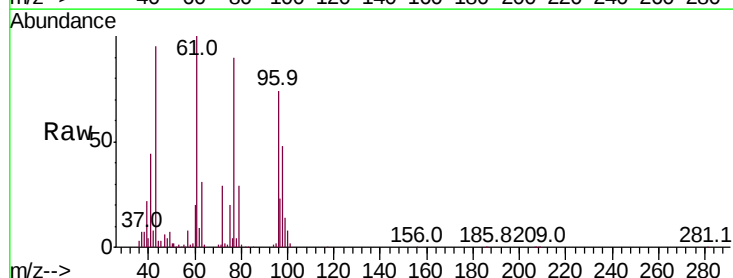
Acq: 04 Sep 2018 15:07

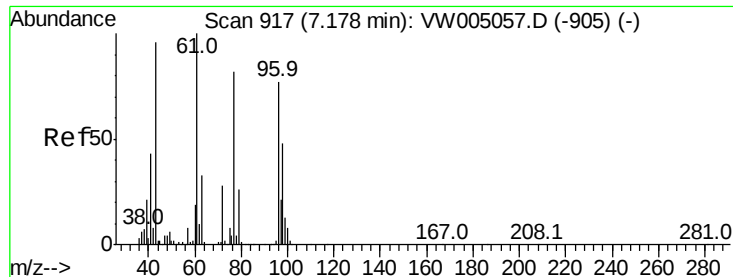
Tgt Ion: 77 Resp: 132677

Ion Ratio Lower Upper

77 100

97 24.3 12.2 36.6



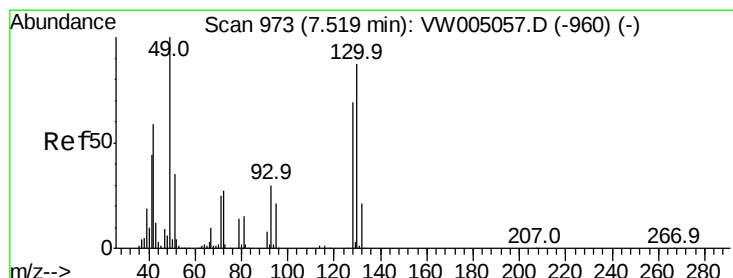
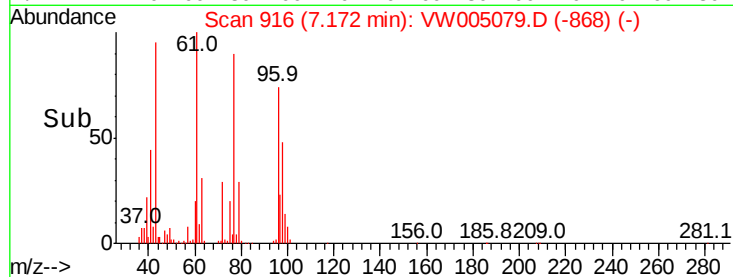
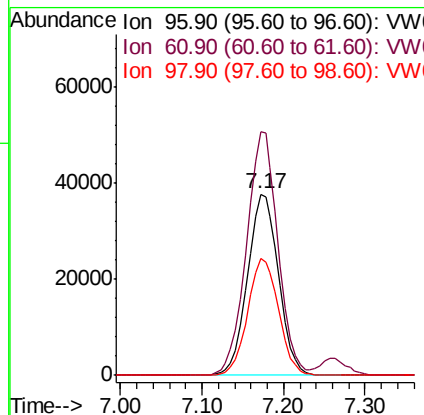
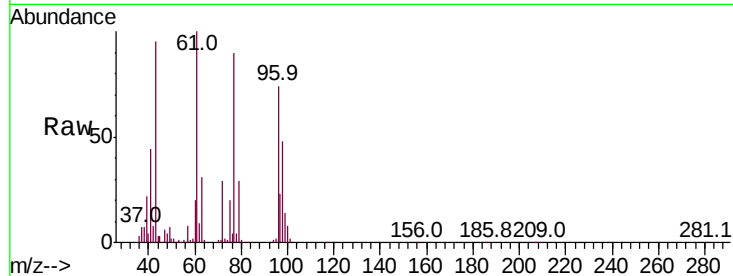


#27

cis-1,2-Dichloroethene
 Concen: 20.191 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: VW005079.D
 Acq: 04 Sep 2018 15:07

Instrument :
 MSVOA_W
 ClientSampled :

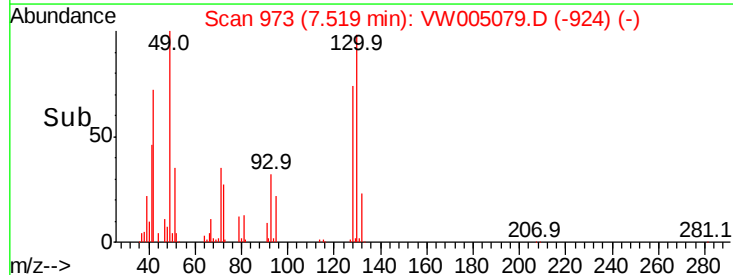
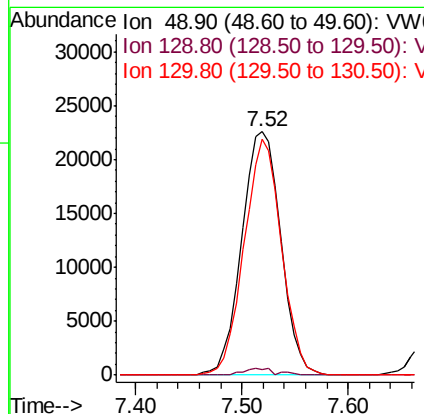
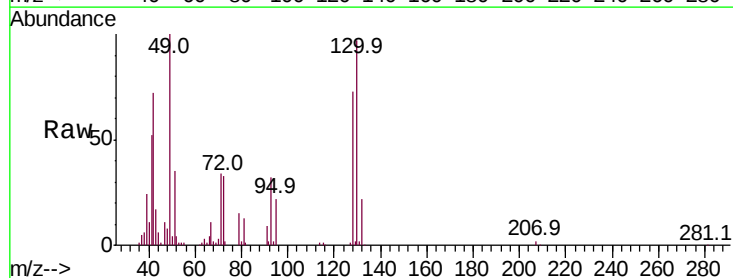
Tot Ion	Ratio	Lower	Upper
96	100		
61	136.2	0.0	273.2
98	64.0	0.0	127.8

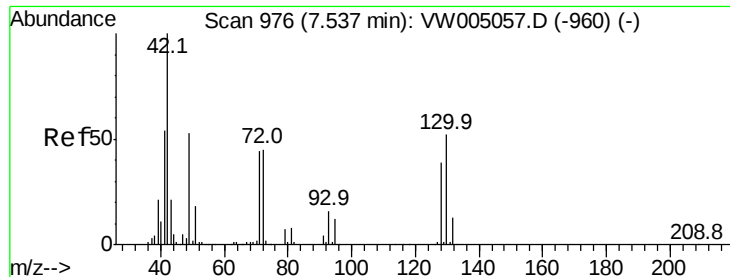


#28

Bromochloromethane
 Concen: 18.953 ug/l
 RT: 7.52 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VW005079.D
 Acq: 04 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	92.3	69.6	104.4

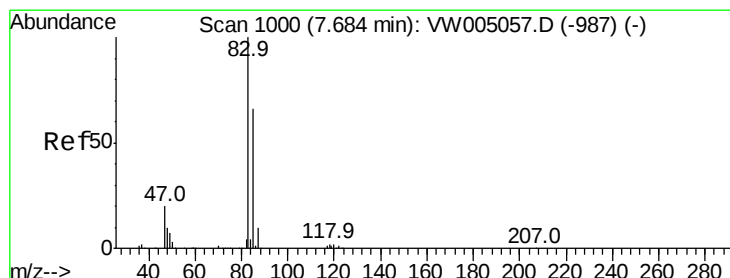
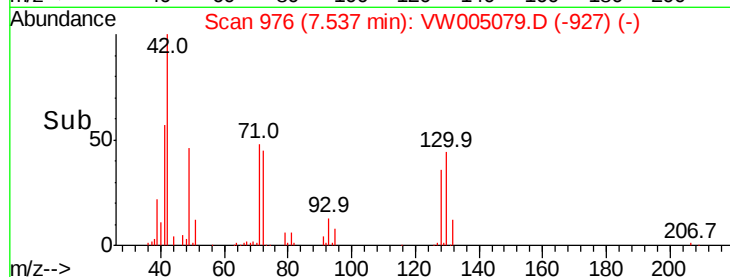
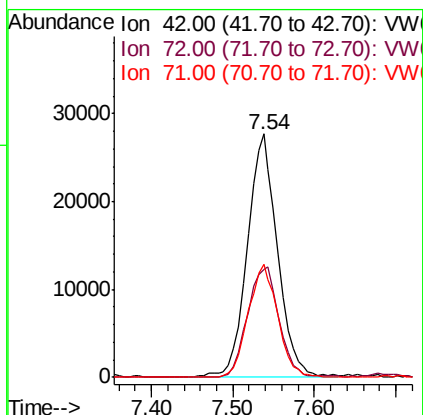
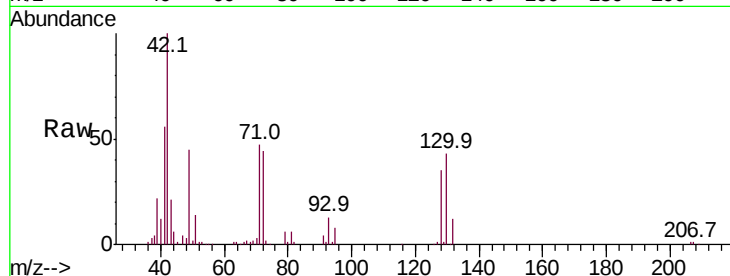




#29
Tetrahydrofuran
Concen: 105.573 ug/l
RT: 7.54 min Scan# 976
Delta R.T. -0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

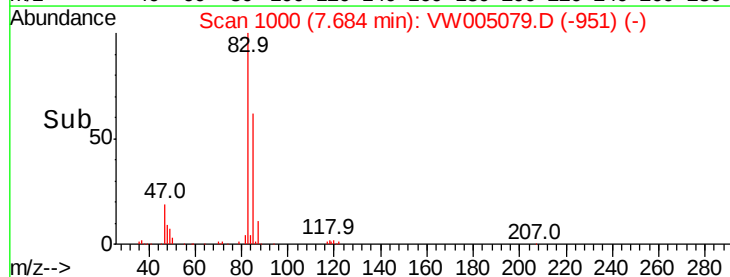
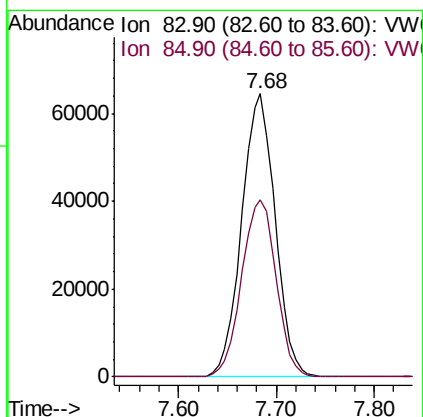
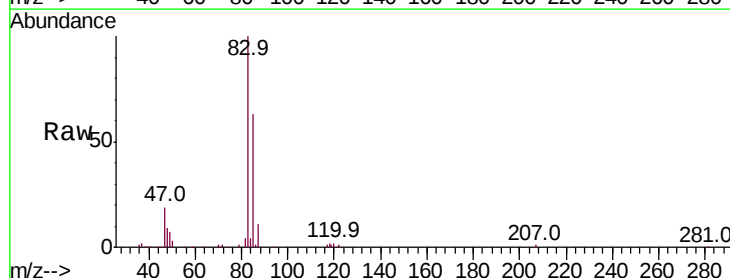
Instrument :
MSVOA_W
ClientSampled :

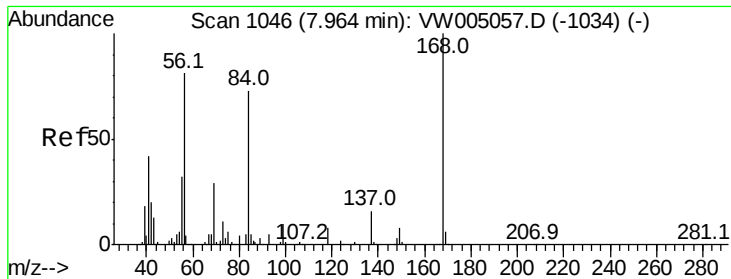
Tot Ion: 42 Resp: 71521
Ion Ratio Lower Upper
42 100
72 47.4 37.0 55.4
71 45.4 35.0 52.6



#30
Chloroform
Concen: 19.691 ug/l
RT: 7.68 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Tgt Ion: 83 Resp: 153636
Ion Ratio Lower Upper
83 100
85 62.5 53.1 79.7





#31

Cyclohexane

Concen: 21.015 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.01 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :

MSVOA_W

ClientSampleId :

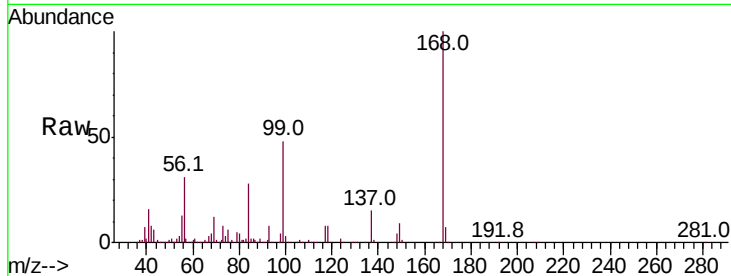
Tot Ion: 56 Resp: 157321

Ion Ratio Lower Upper

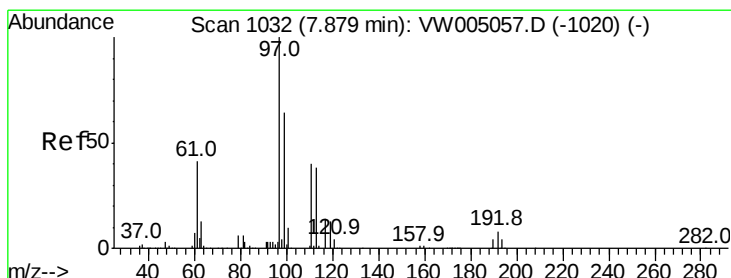
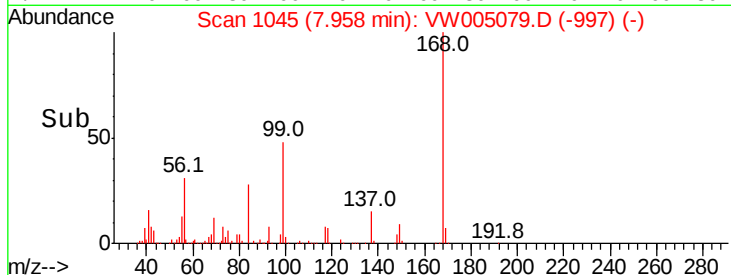
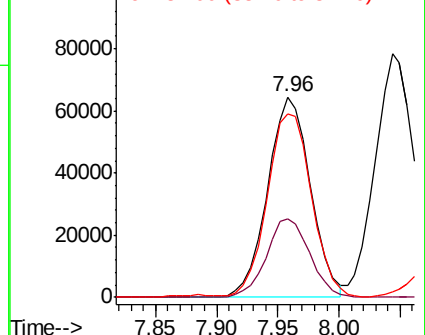
56 100

69 39.2 28.2 42.2

84 90.1 71.8 107.8



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



#32

1,1,1-Trichloroethane

Concen: 20.713 ug/l

RT: 7.88 min Scan# 1032

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

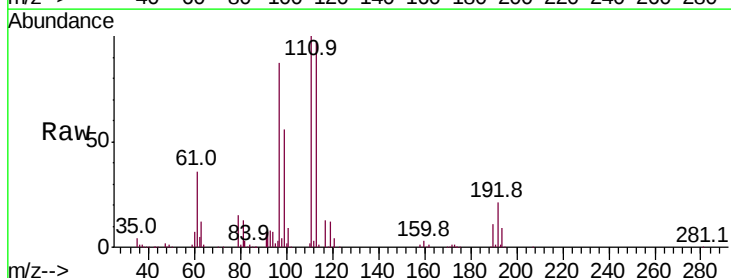
Tgt Ion: 97 Resp: 140751

Ion Ratio Lower Upper

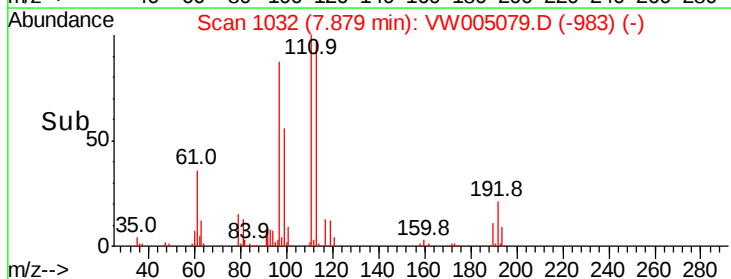
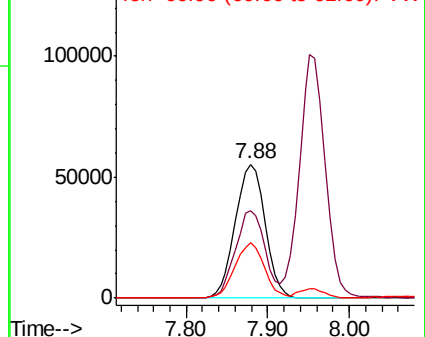
97 100

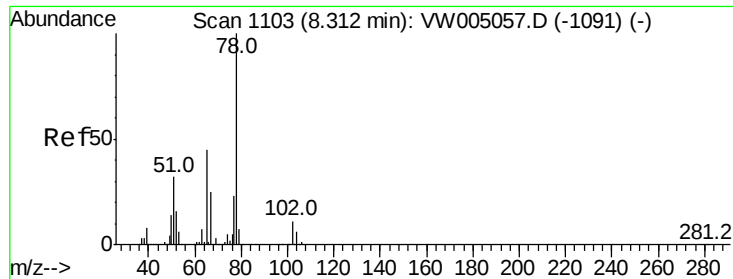
99 64.8 51.8 77.8

61 40.4 33.2 49.8



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





#33

1,2-Dichloroethane-d4

Concen: 48.902 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :

MSVOA_W

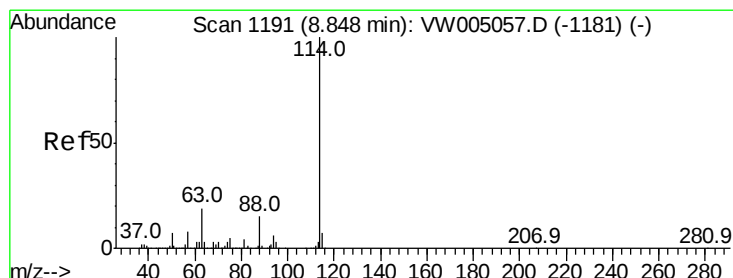
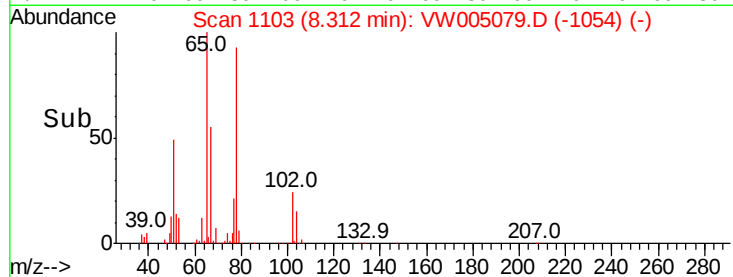
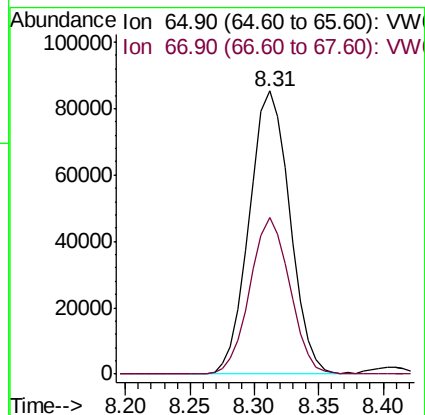
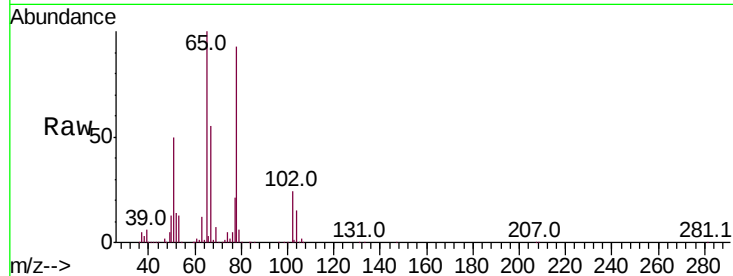
ClientSampleId :

Tot Ion: 65 Resp: 186396

Ion Ratio Lower Upper

65 100

67 54.4 0.0 109.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

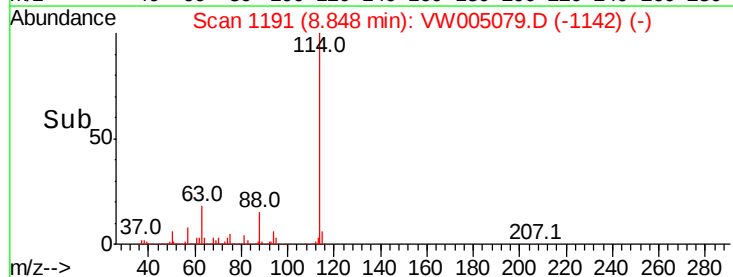
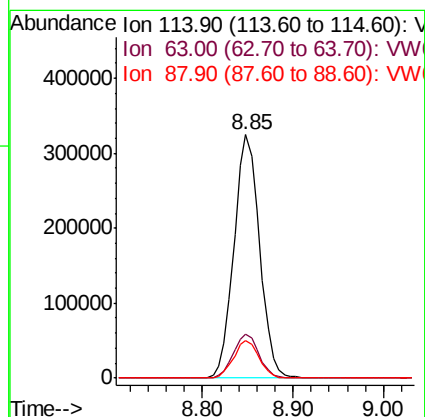
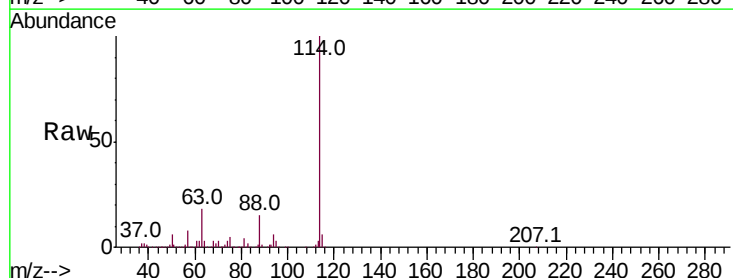
Tgt Ion: 114 Resp: 637430

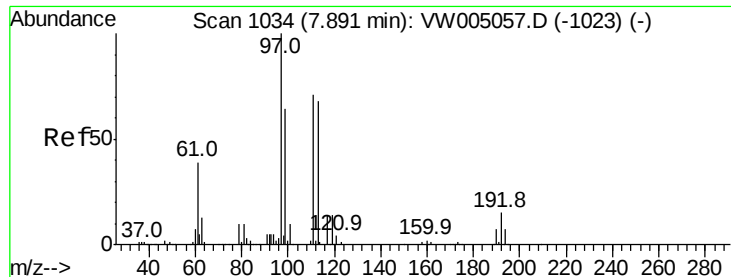
Ion Ratio Lower Upper

114 100

63 18.1 0.0 38.0

88 15.3 0.0 30.2

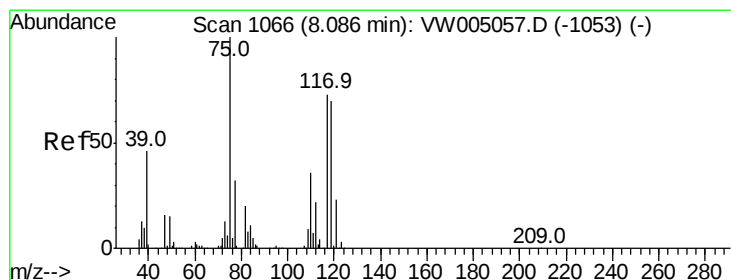
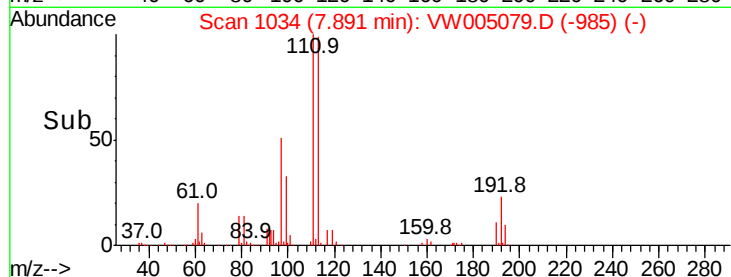
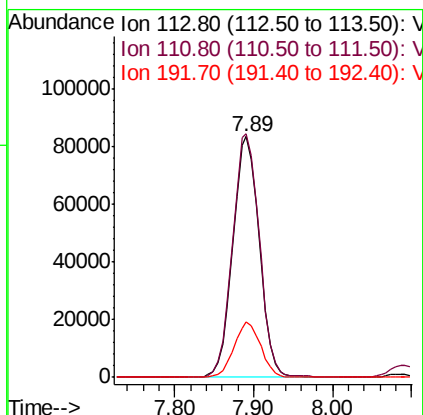
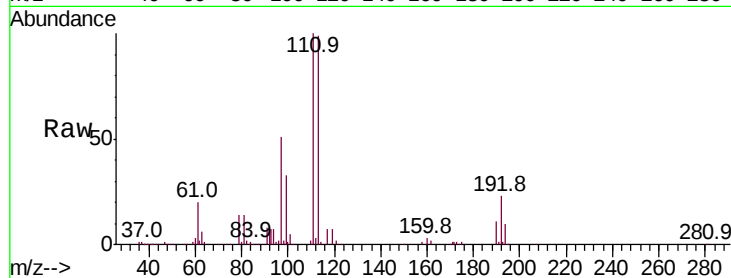




#35
 Dibromofluoromethane
 Concen: 52.847 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005079.D
 Acq: 04 Sep 2018 15:07

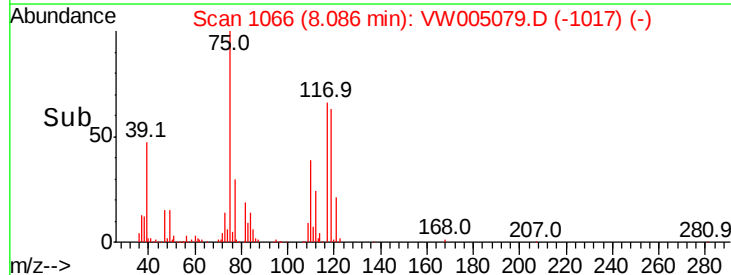
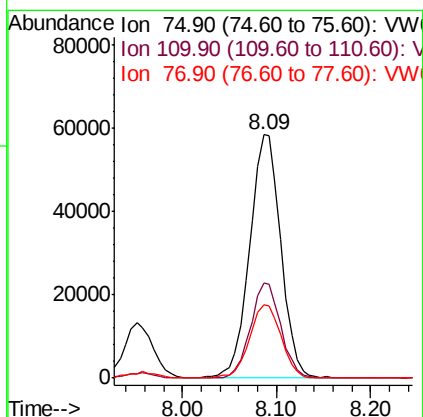
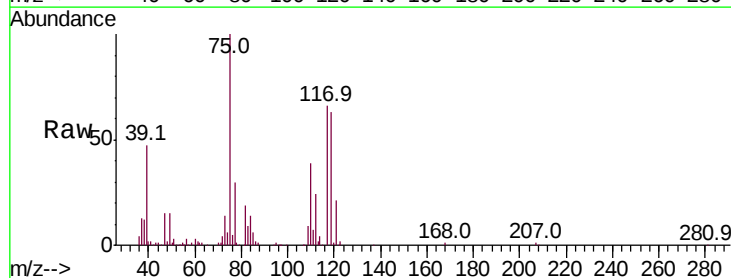
Instrument :
 MSVOA_W
 ClientSampled :

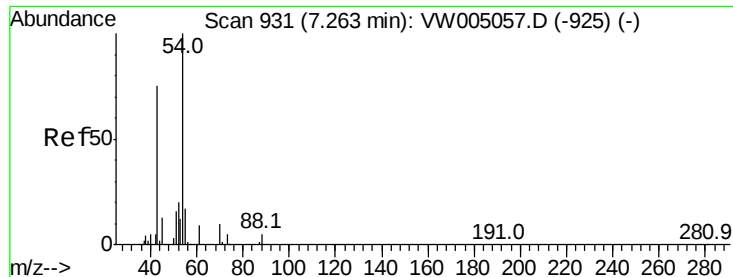
Tot Ion:113 Resp: 194669
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.2 123.2
 192 23.1 18.1 27.1



#36
 1,1-Dichloropropene
 Concen: 22.385 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: VW005079.D
 Acq: 04 Sep 2018 15:07

Tgt Ion: 75 Resp: 135898
 Ion Ratio Lower Upper
 75 100
 110 37.9 18.9 56.7
 77 31.0 25.5 38.3

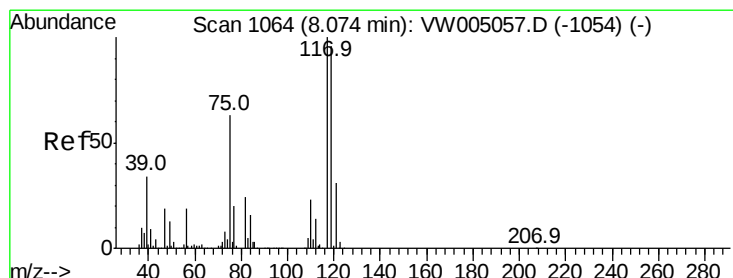
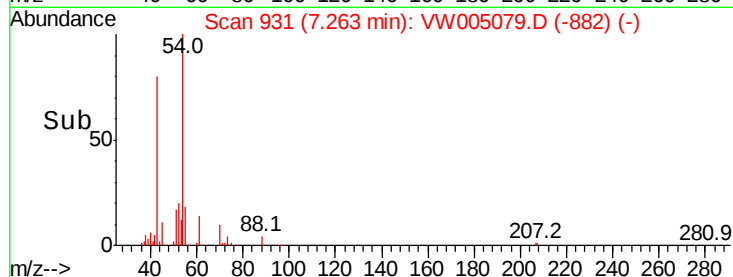
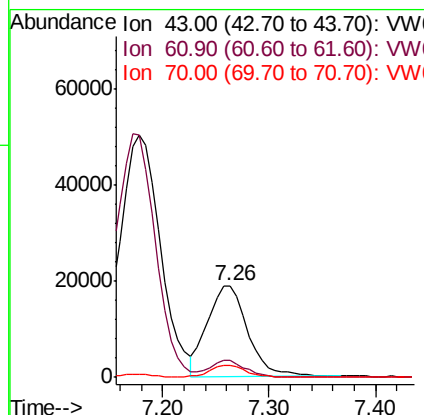
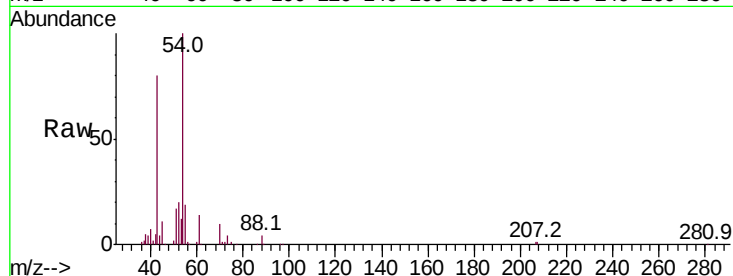




#37
Ethyl Acetate
Concen: 21.803 ug/l
RT: 7.26 min Scan# 931
Delta R.T. -0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

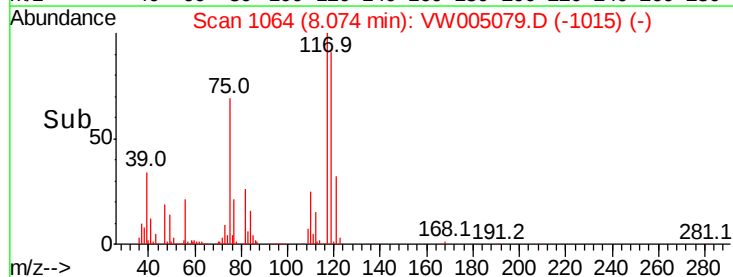
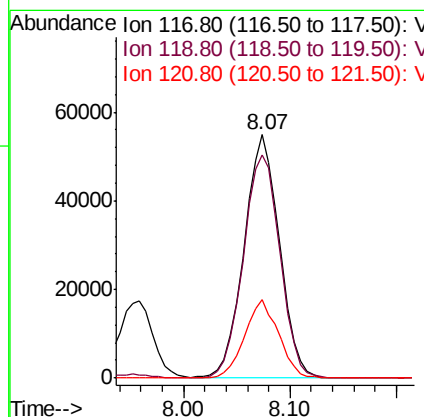
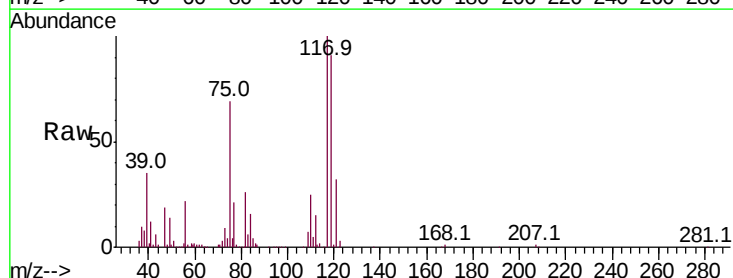
Instrument :
MSVOA_W
ClientSampleId :

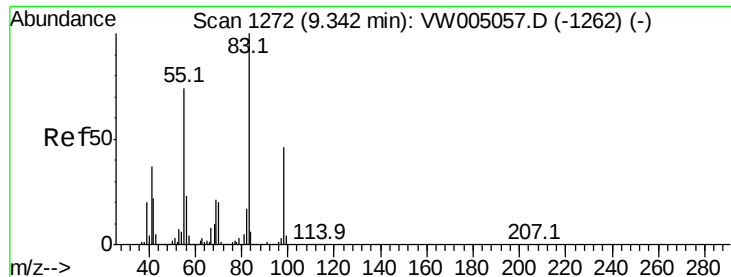
Tot Ion: 43 Resp: 49500
Ion Ratio Lower Upper
43 100
61 16.1 12.1 18.1
70 12.0 9.4 14.2



#38
Carbon Tetrachloride
Concen: 22.152 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. -0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Tgt Ion: 117 Resp: 127870
Ion Ratio Lower Upper
117 100
119 91.6 76.6 115.0
121 32.5 24.8 37.2

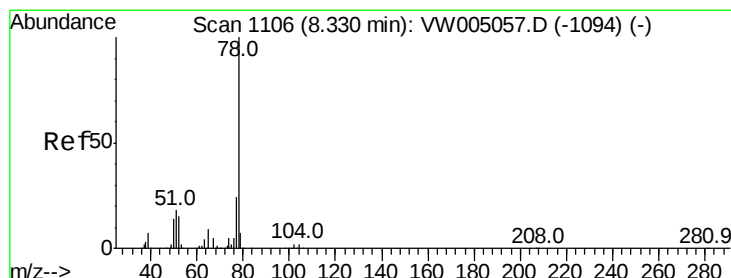
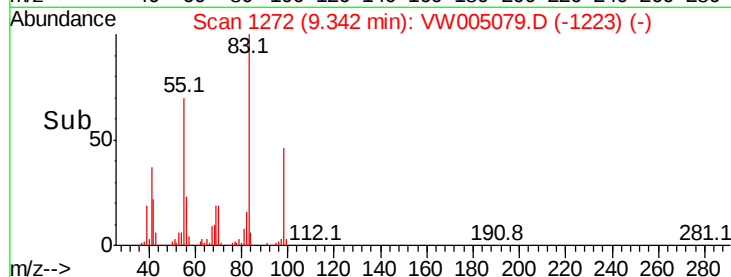
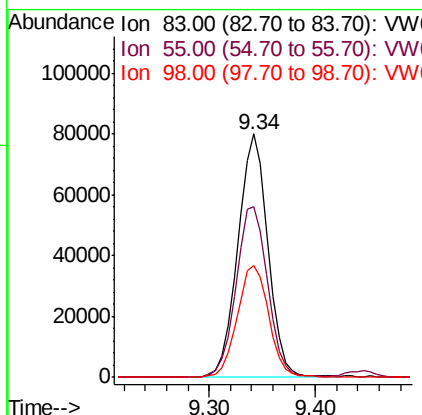
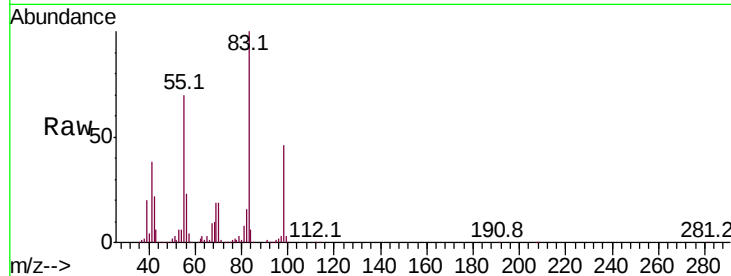




#39
Methvlcvclohexane
Concen: 21.612 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

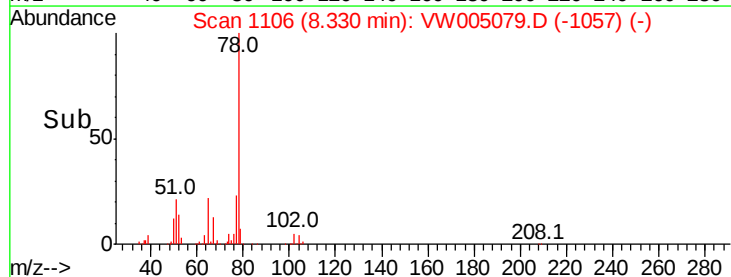
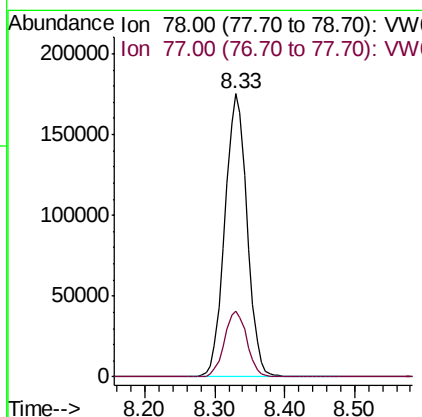
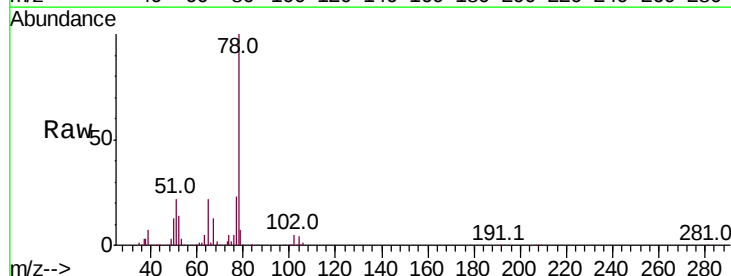
Instrument :
MSVOA_W
ClientSampled :

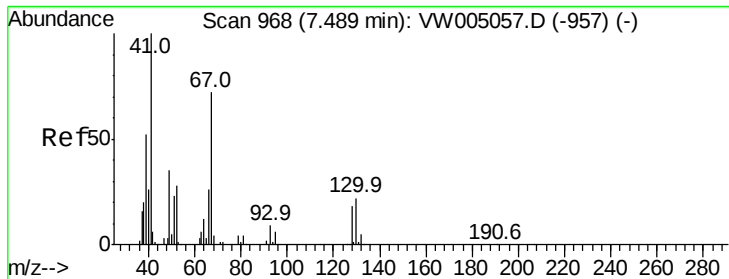
Tot Ion: 83 Resp: 158671
Ion Ratio Lower Upper
83 100
55 70.2 58.9 88.3
98 46.0 36.8 55.2



#40
Benzene
Concen: 20.811 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Tgt Ion: 78 Resp: 386771
Ion Ratio Lower Upper
78 100
77 23.1 19.4 29.0

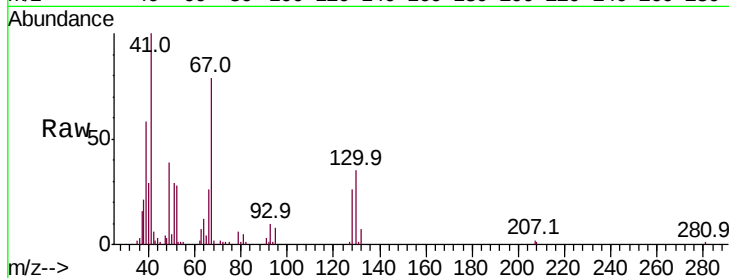




#41
Methacrylonitrile
Concen: 17.369 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

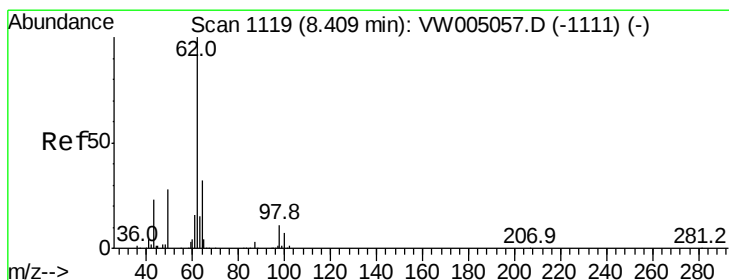
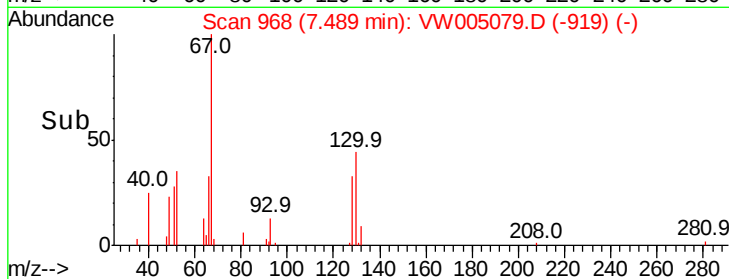
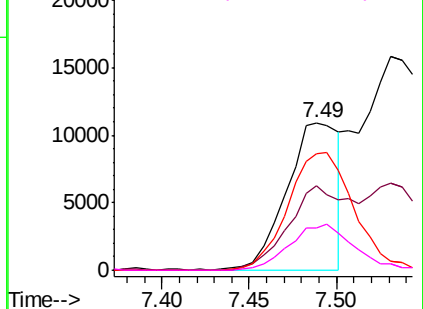
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 41 Resp: 22848
Ion Ratio Lower Upper
41 100
39 70.0 41.8 62.8#
67 100.1 60.4 90.6#
52 38.7 23.8 35.8#



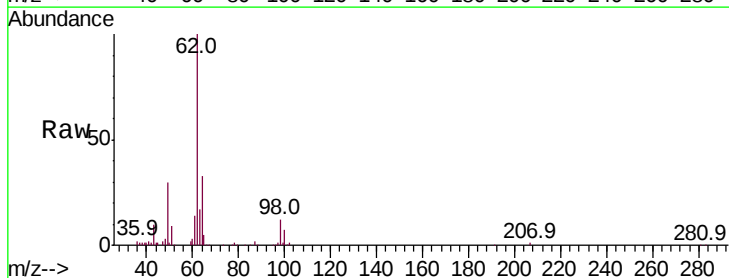
Abundance

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



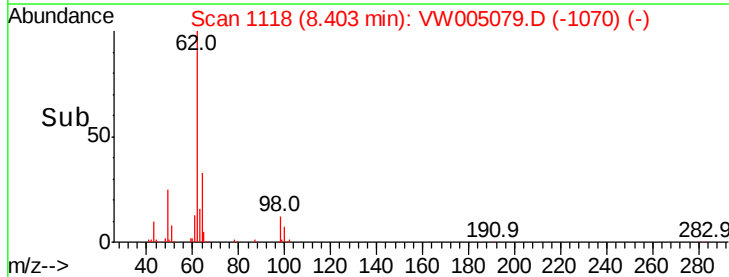
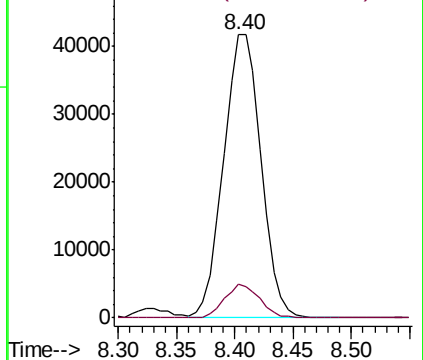
#42
1,2-Dichloroethane
Concen: 20.546 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.01 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

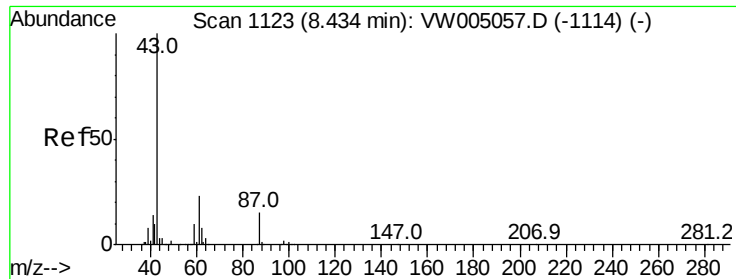
Tgt Ion: 62 Resp: 93454
Ion Ratio Lower Upper
62 100
98 11.0 0.0 21.8



Abundance

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





#43

Isopropyl Acetate

Concen: 20.972 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :
MSVOA_W
ClientSampled :

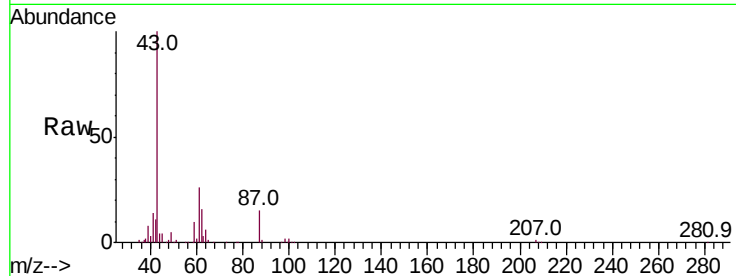
Tot Ion: 43 Resp: 86643

Ion Ratio Lower Upper

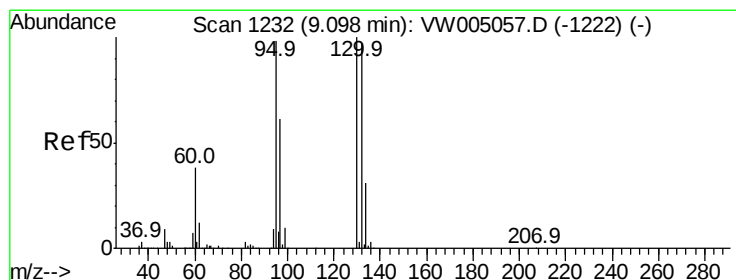
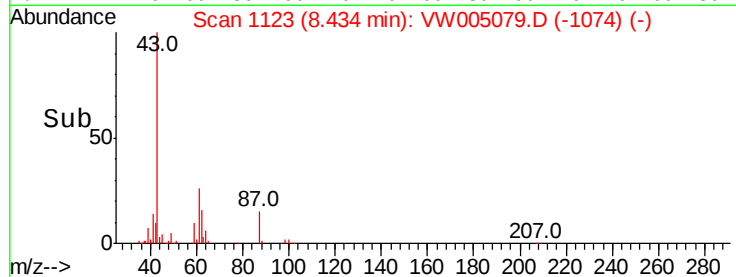
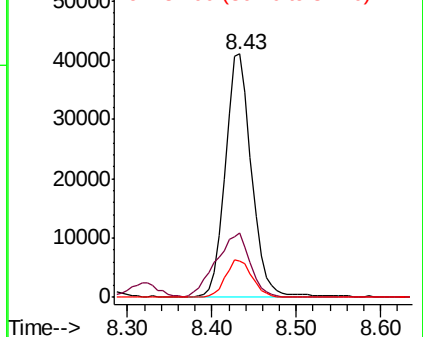
43 100

61 34.6 26.8 40.2

87 15.9 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 21.785 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VW005079.D

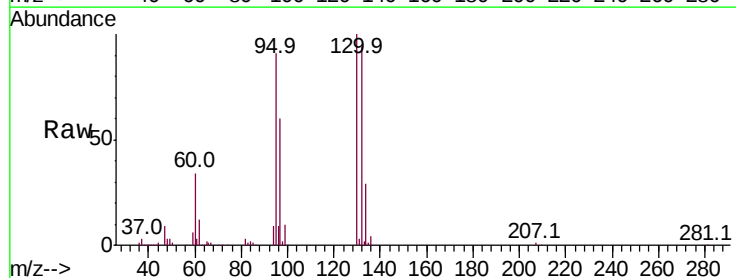
Acq: 04 Sep 2018 15:07

Tgt Ion:130 Resp: 109242

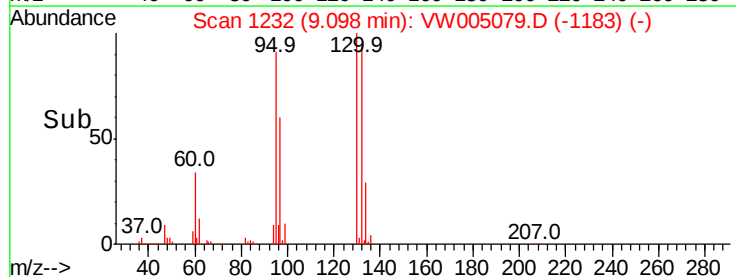
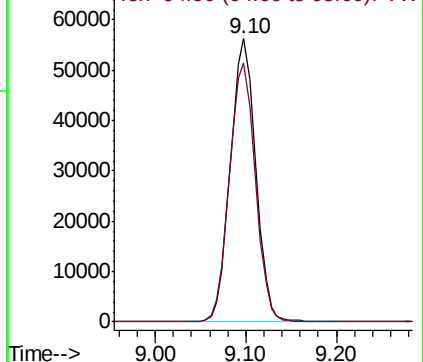
Ion Ratio Lower Upper

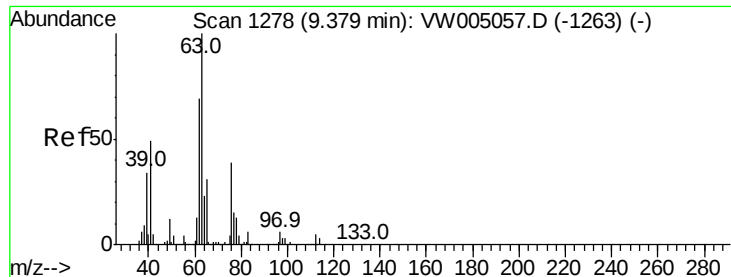
130 100

95 91.5 0.0 195.2



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





#45

1,2-Dichloropropane

Concen: 20.425 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.01 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :

MSVOA_W

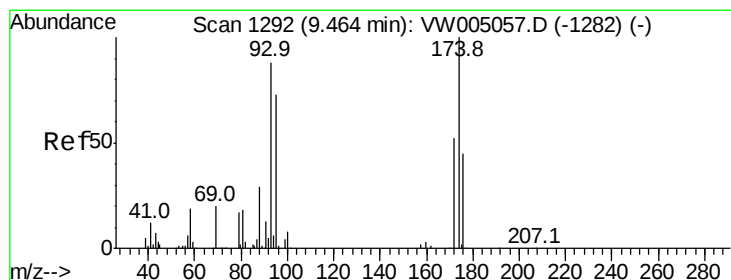
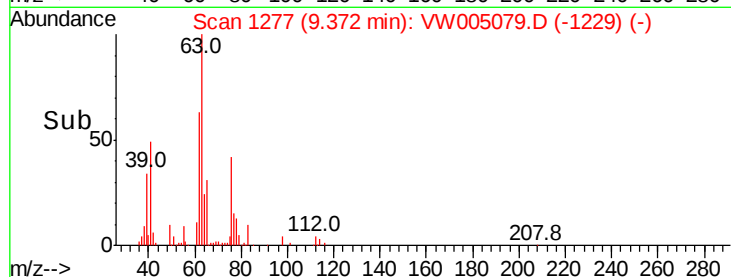
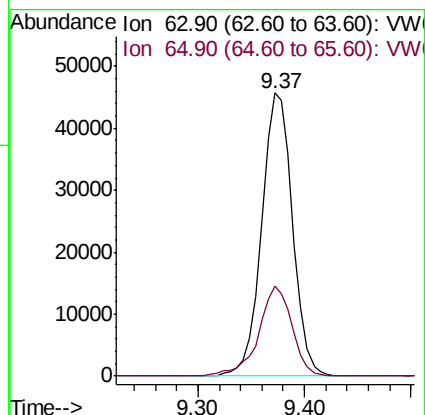
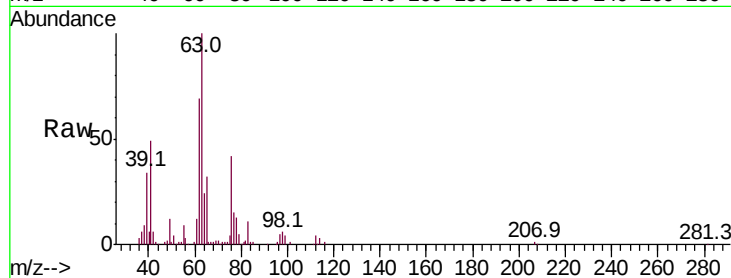
ClientSampled :

Tot Ion: 63 Resp: 92732

Ion Ratio Lower Upper

63 100

65 31.9 24.6 37.0



#46

Dibromomethane

Concen: 21.249 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

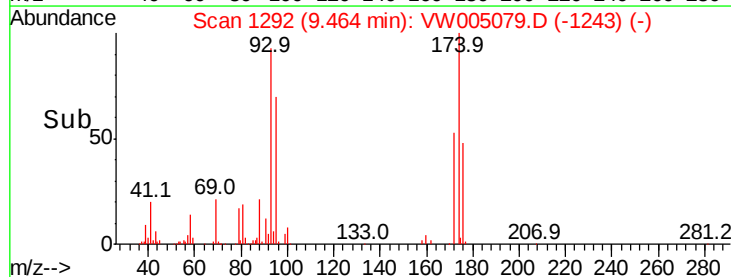
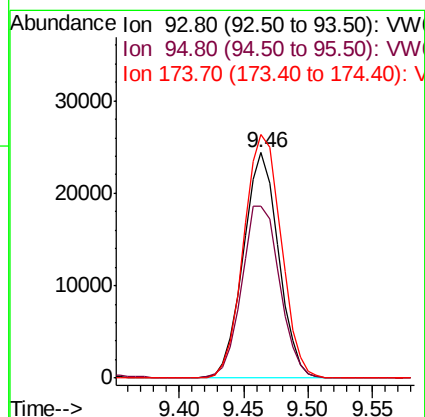
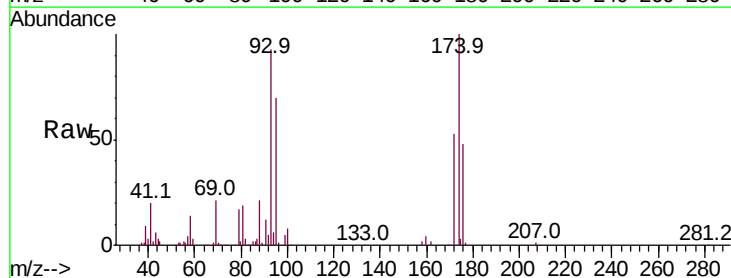
Tgt Ion: 93 Resp: 46132

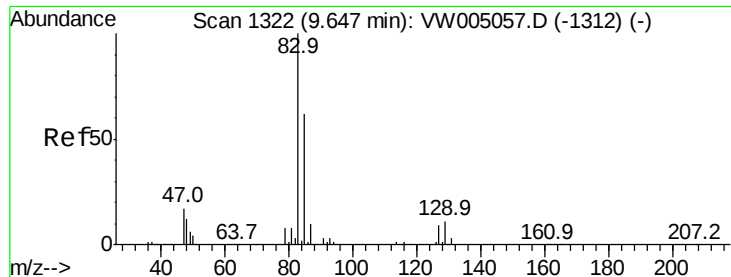
Ion Ratio Lower Upper

93 100

95 82.2 66.2 99.4

174 114.5 92.0 138.0





#47

Bromodichloromethane

Concen: 20.802 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :

MSVOA_W

ClientSampleId :

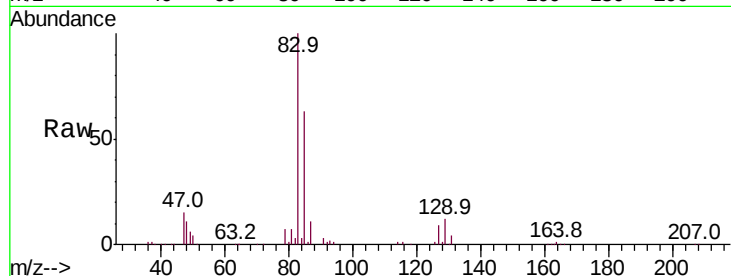
Tot Ion: 83 Resp: 113712

Ion Ratio Lower Upper

83 100

85 62.6 49.8 74.6

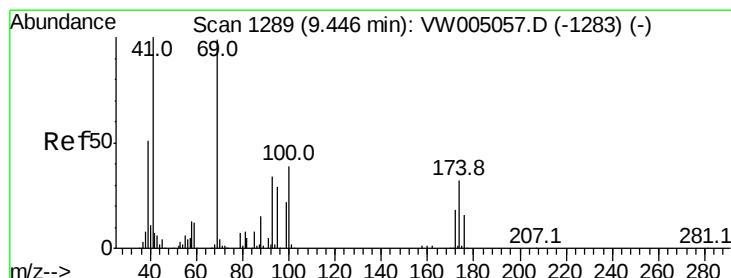
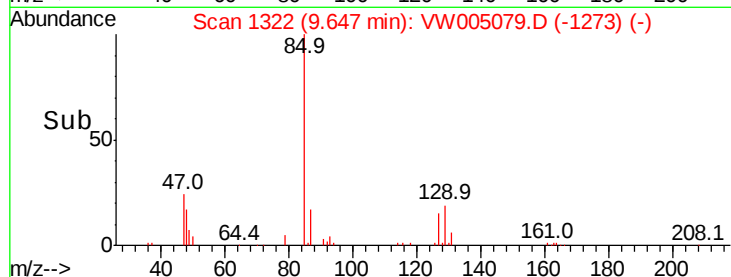
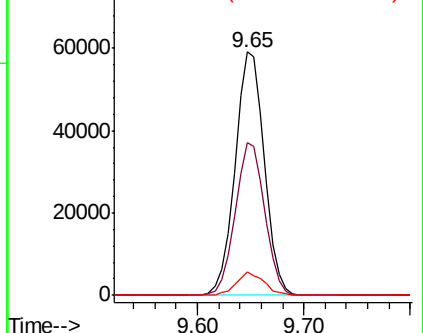
127 9.5 7.0 10.4



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): VW



#48

Methyl methacrylate

Concen: 20.985 ug/l

RT: 9.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

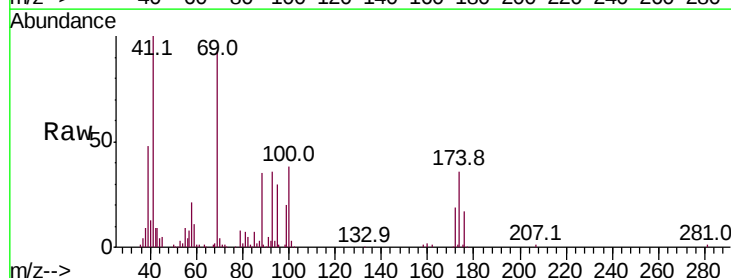
Tgt Ion: 41 Resp: 41745

Ion Ratio Lower Upper

41 100

69 101.4 80.4 120.6

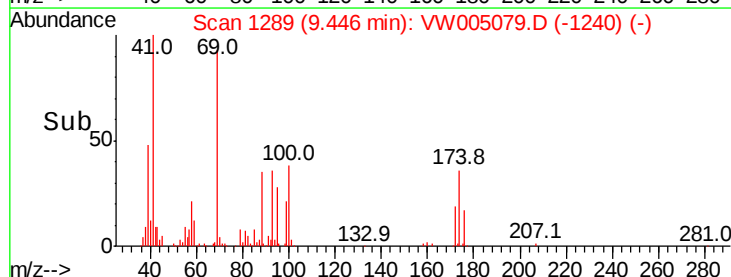
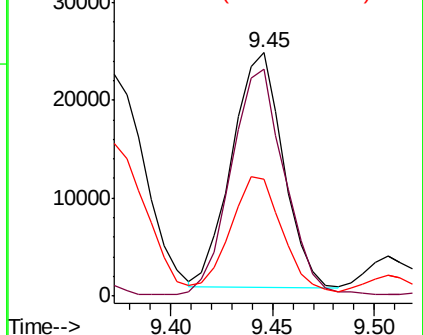
39 49.5 43.5 65.3

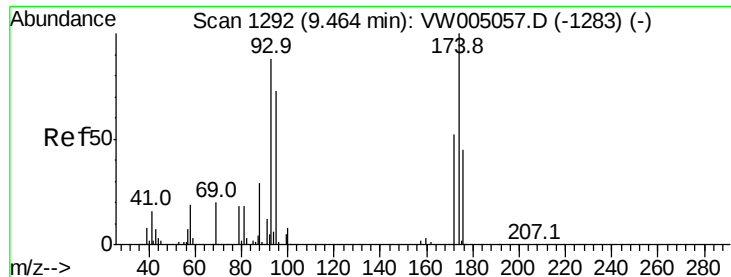


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 499.053 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. -0.01 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :

MSVOA_W

ClientSampleId :

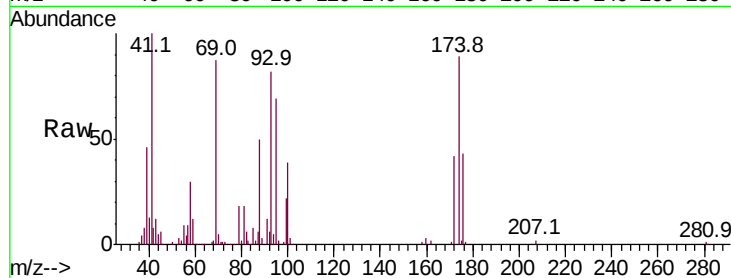
Tot Ion: 88 Resp: 17521

Ion Ratio Lower Upper

88 100

43 27.9 19.8 29.6

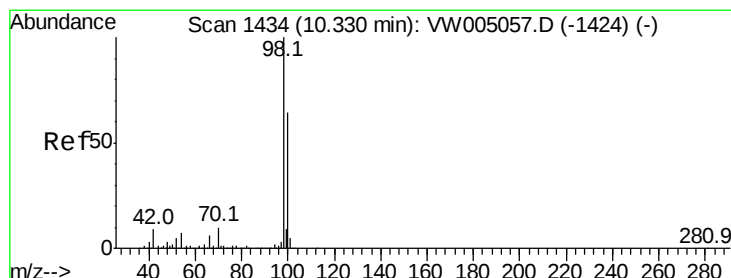
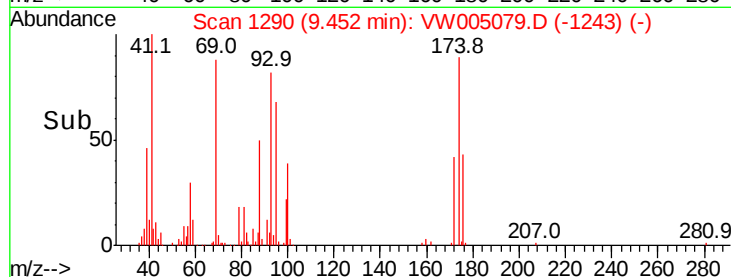
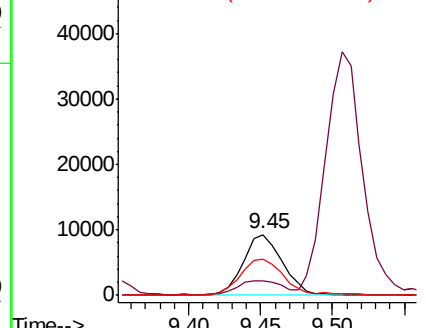
58 69.1 57.1 85.7



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 53.506 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW005079.D

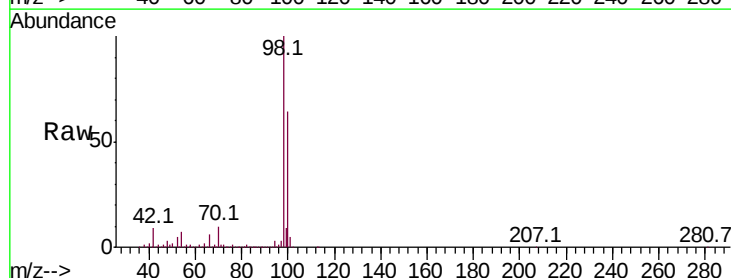
Acq: 04 Sep 2018 15:07

Tgt Ion: 98 Resp: 908178

Ion Ratio Lower Upper

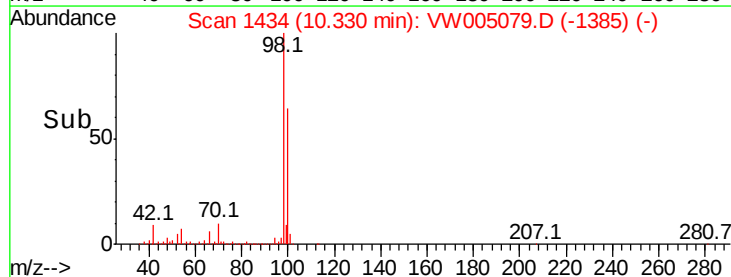
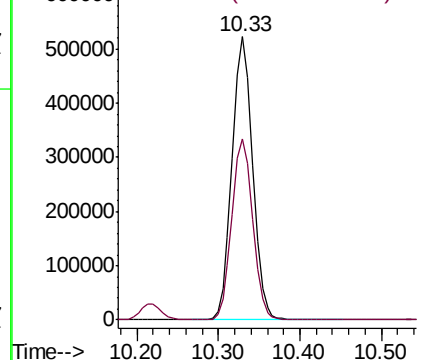
98 100

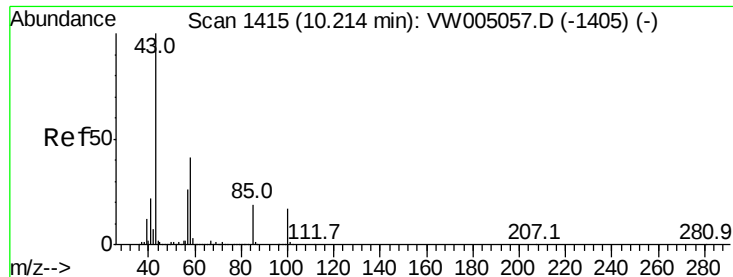
100 65.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 109.805 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :

MSVOA_W

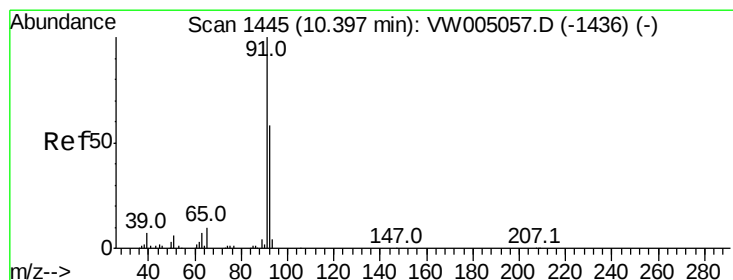
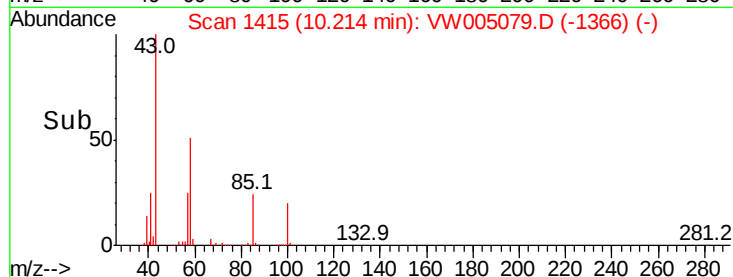
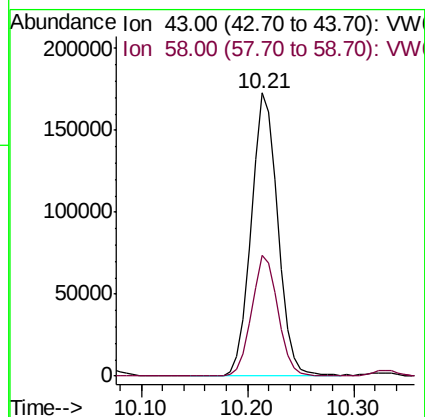
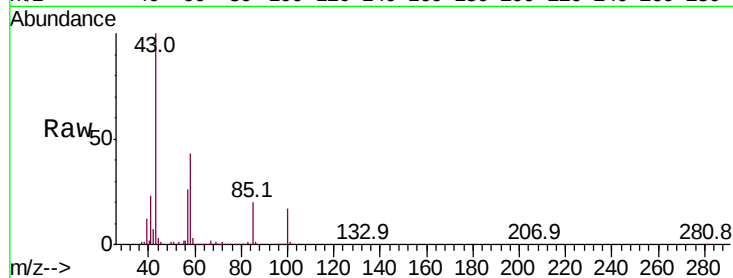
ClientSampleId :

Tot Ion: 43 Resp: 304030

Ion Ratio Lower Upper

43 100

58 42.4 33.3 49.9



#52

Toluene

Concen: 21.568 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.01 min

Lab File: VW005079.D

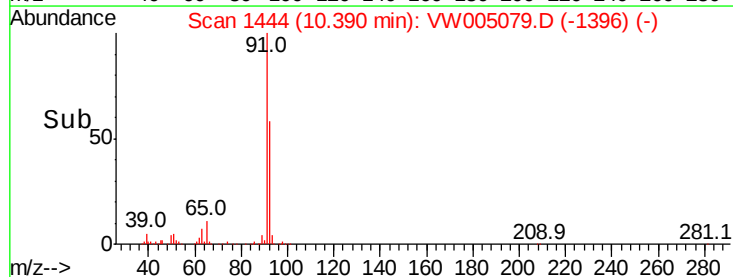
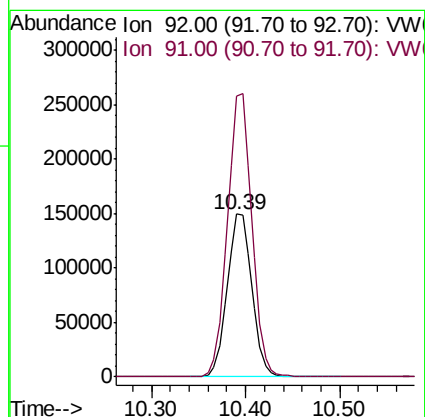
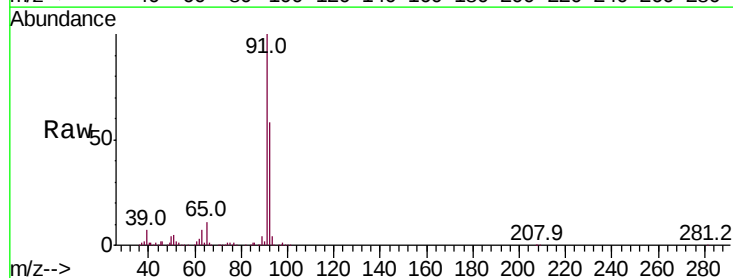
Acq: 04 Sep 2018 15:07

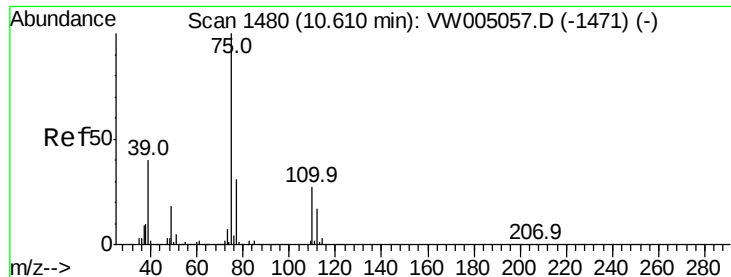
Tgt Ion: 92 Resp: 271594

Ion Ratio Lower Upper

92 100

91 172.5 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 21.747 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :

MSVOA_W

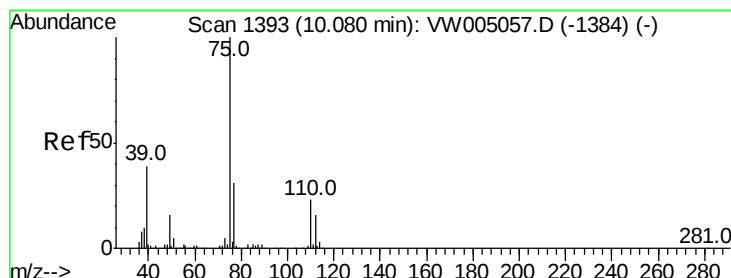
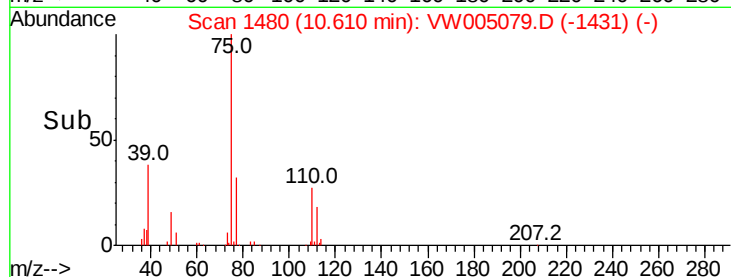
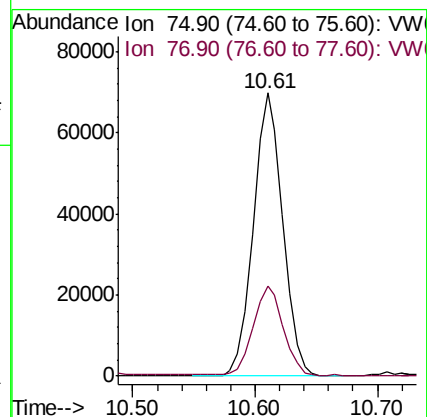
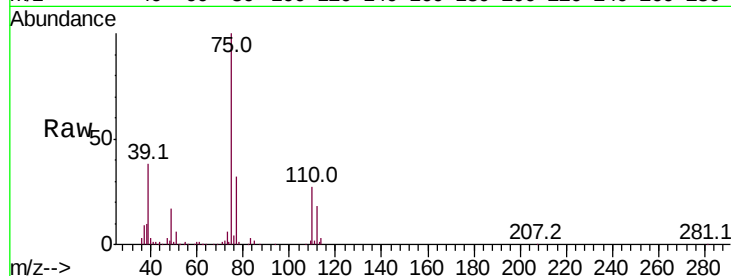
ClientSampleId :

Tot Ion: 75 Resp: 116812

Ion Ratio Lower Upper

75 100

77 31.5 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 21.645 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

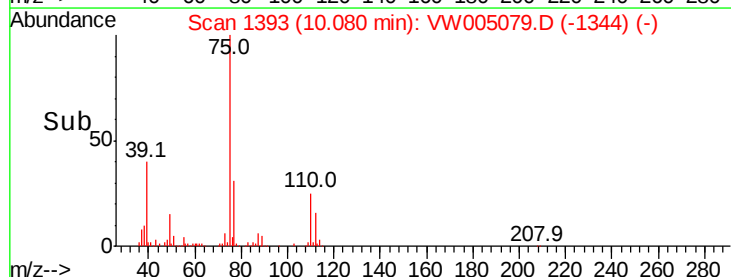
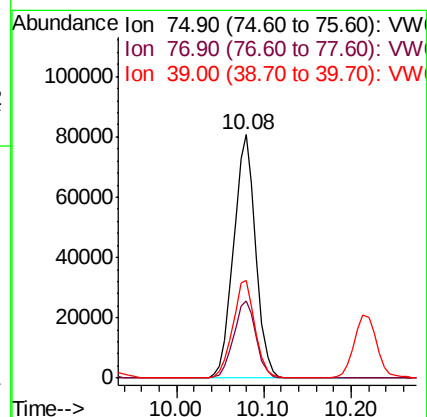
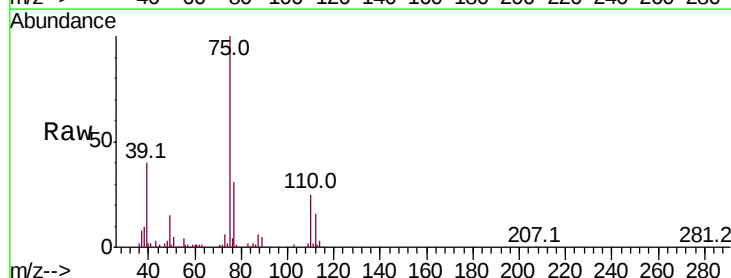
Tgt Ion: 75 Resp: 141394

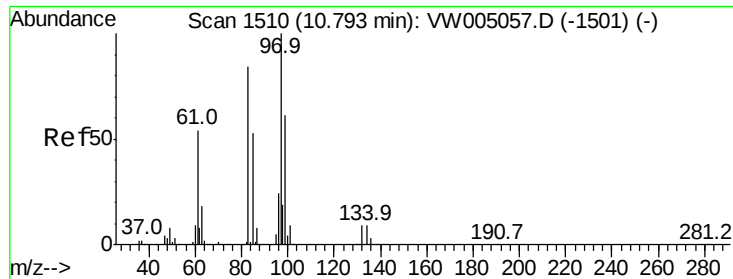
Ion Ratio Lower Upper

75 100

77 31.5 24.9 37.3

39 40.2 31.0 46.6

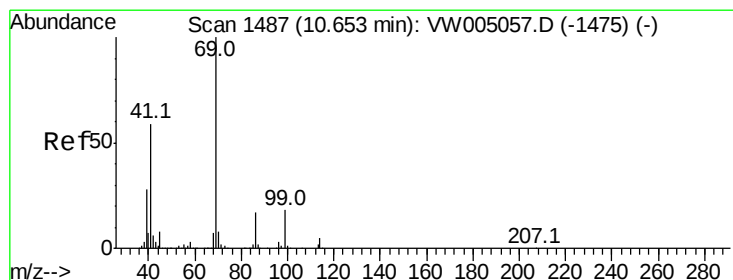
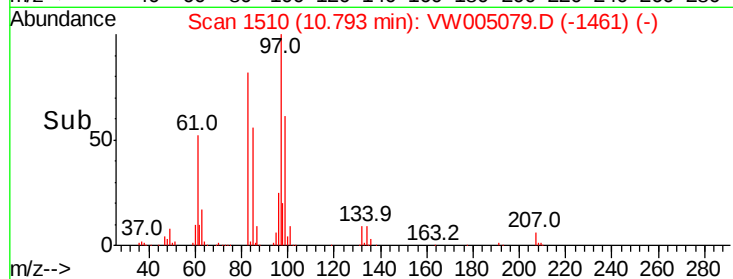
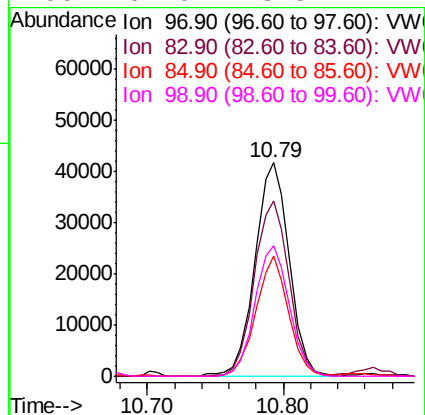
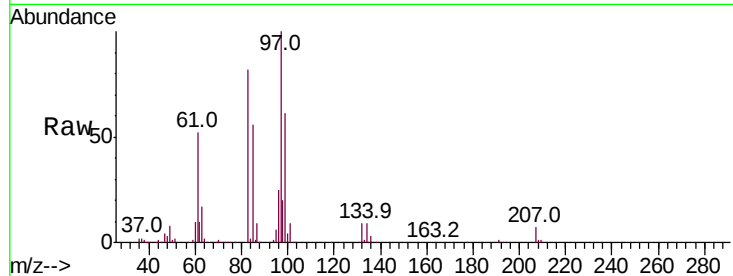




#55
 1,1,2-Trichloroethane
 Concen: 21.835 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW005079.D
 Acq: 04 Sep 2018 15:07

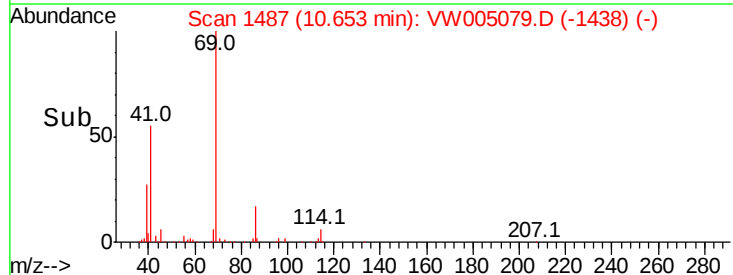
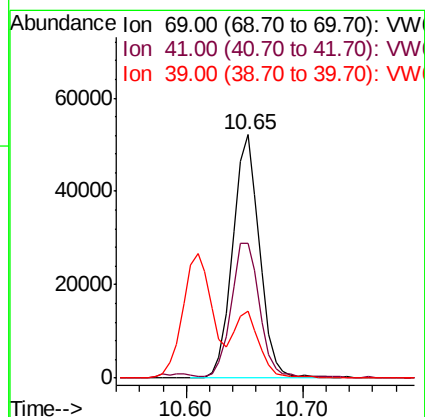
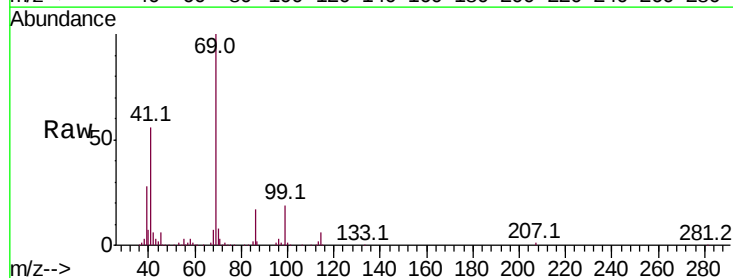
Instrument :
 MSVOA_W
 ClientSampleId :

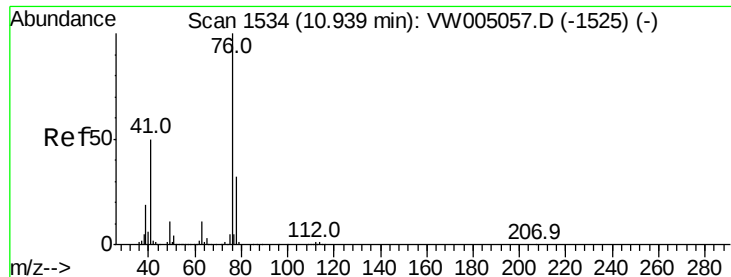
Tot Ion:	97	Resp:	73396
Ion	Ratio	Lower	Upper
97	100		
83	82.3	67.0	100.6
85	56.1	42.3	63.5
99	61.0	48.5	72.7



#56
 Ethyl methacrylate
 Concen: 21.702 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW005079.D
 Acq: 04 Sep 2018 15:07

Tgt Ion:	69	Resp:	83225
Ion	Ratio	Lower	Upper
69	100		
41	58.2	47.8	71.6
39	25.6	21.1	31.7





#57

1,3-Dichloropropane

Concen: 21.109 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :

MSVOA_W

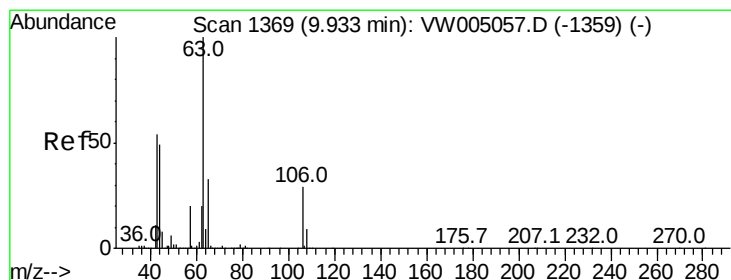
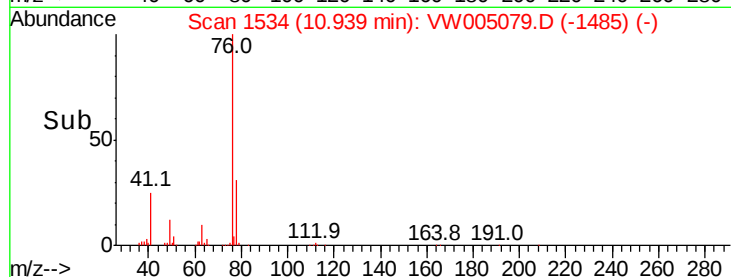
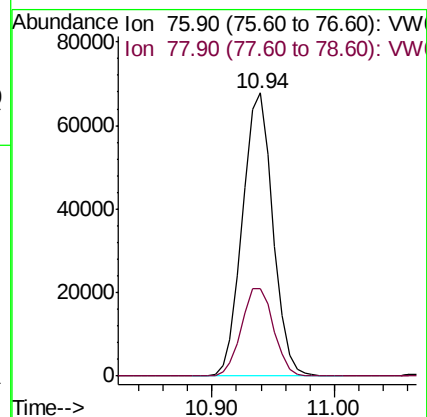
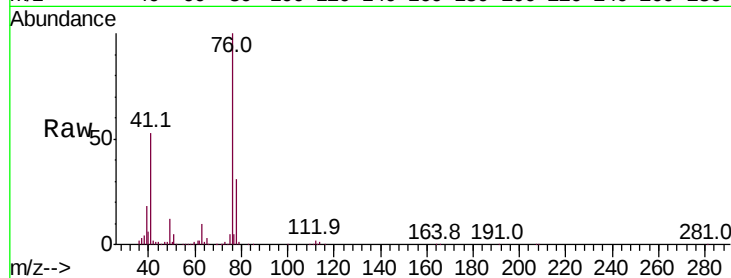
ClientSampleId :

Tot Ion: 76 Resp: 116815

Ion Ratio Lower Upper

76 100

78 32.9 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 107.463 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VW005079.D

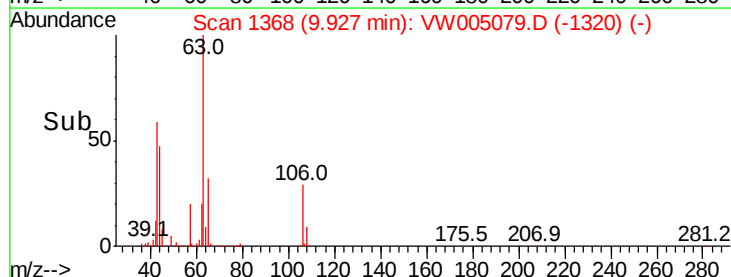
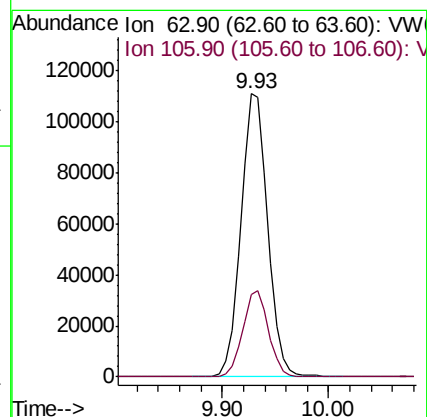
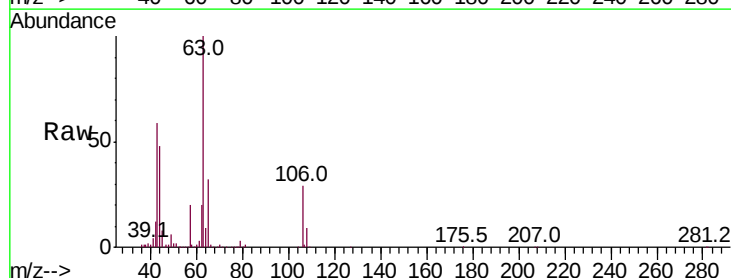
Acq: 04 Sep 2018 15:07

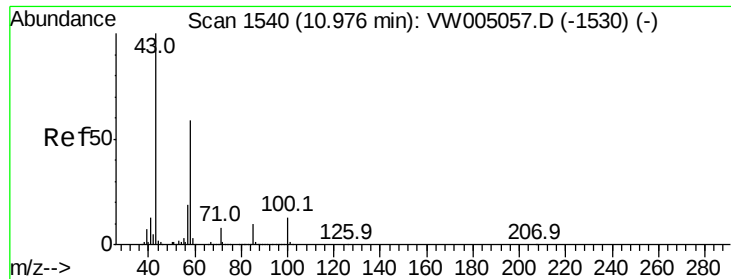
Tgt Ion: 63 Resp: 195275

Ion Ratio Lower Upper

63 100

106 29.6 23.1 34.7

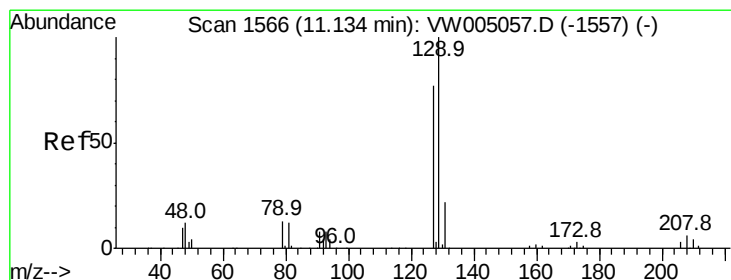
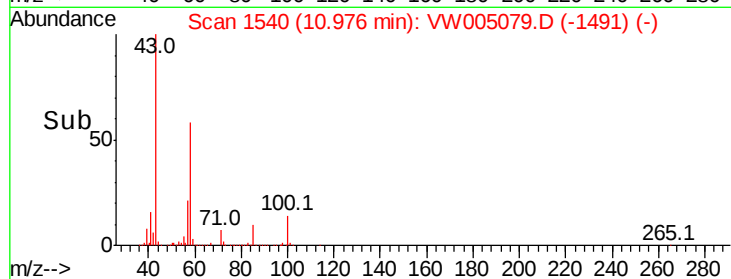
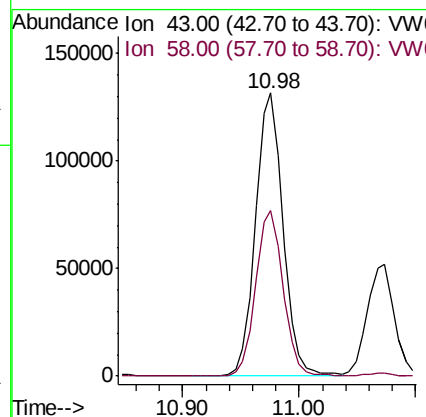
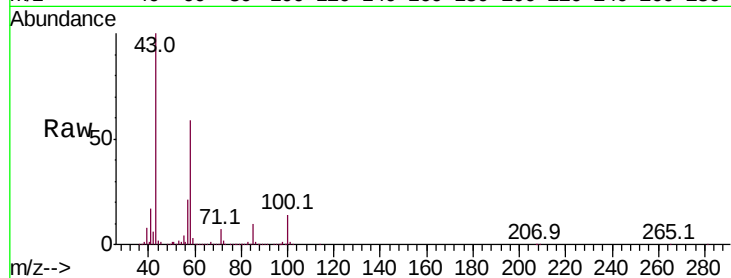




#59
2-Hexanone
Concen: 116.184 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

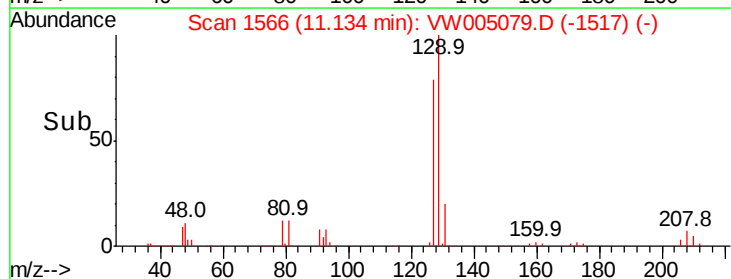
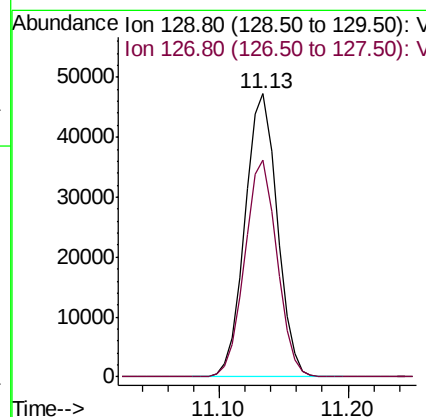
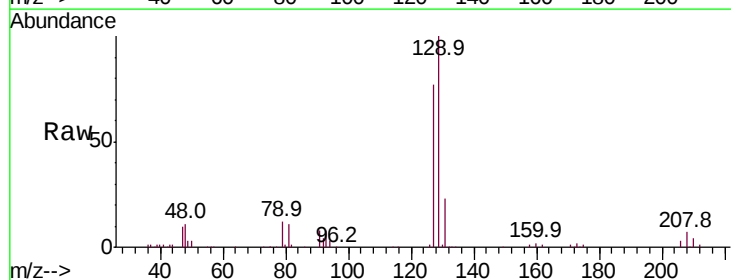
Instrument :
MSVOA_W
ClientSampled :

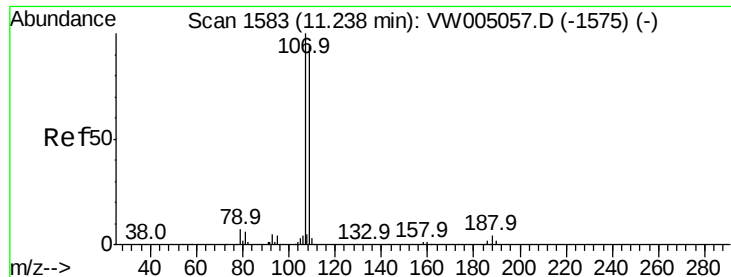
Tot Ion: 43 Resp: 217581
Ion Ratio Lower Upper
43 100
58 58.2 28.7 86.3



#60
Dibromochloromethane
Concen: 21.564 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Tgt Ion: 129 Resp: 81944
Ion Ratio Lower Upper
129 100
127 76.4 38.9 116.7

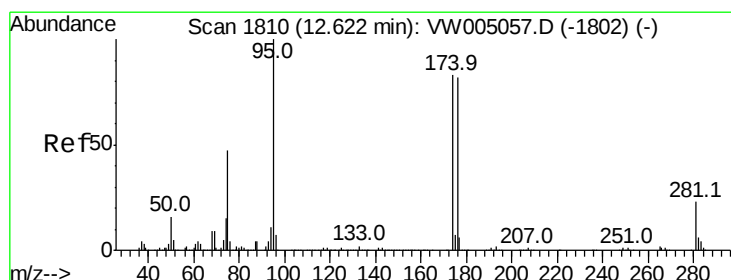
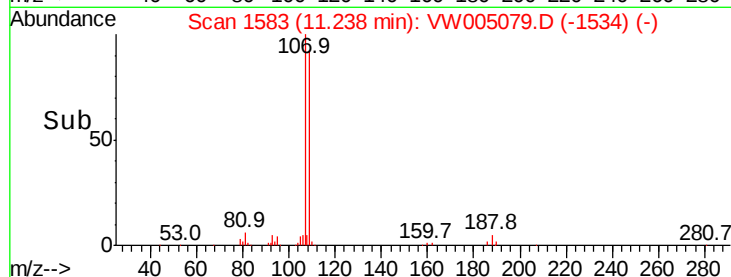
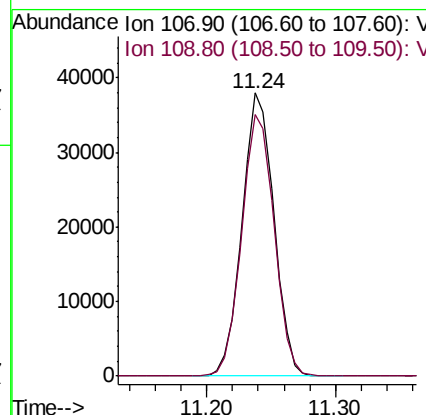
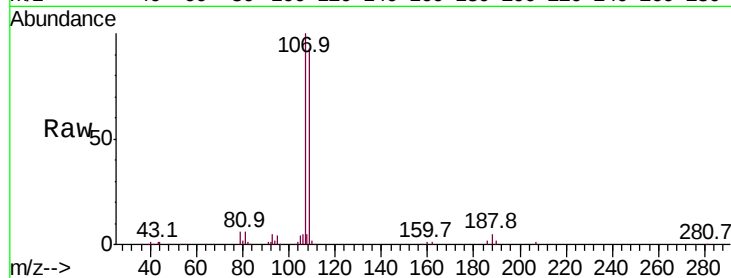




#61
 1,2-Dibromoethane
 Concen: 21.362 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW005079.D
 Acq: 04 Sep 2018 15:07

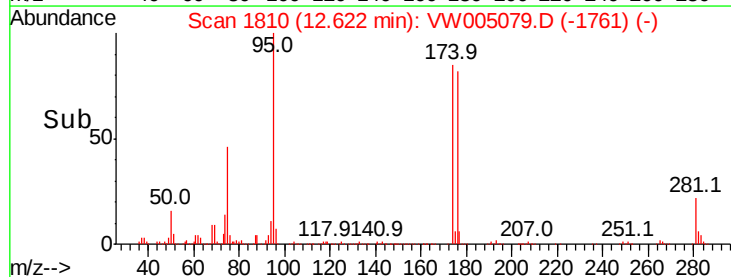
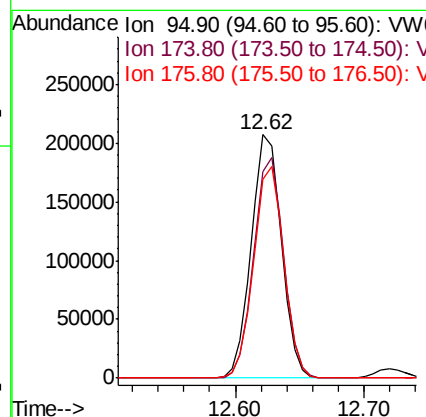
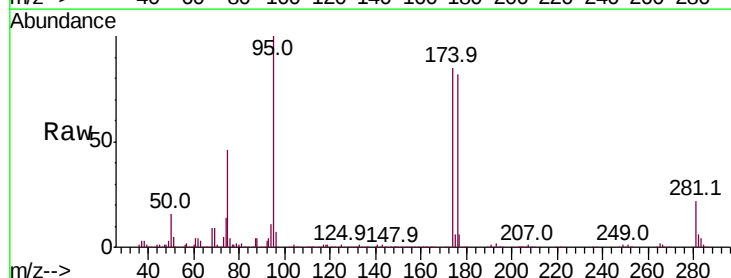
Instrument :
 MSVOA_W
 ClientSampleId :

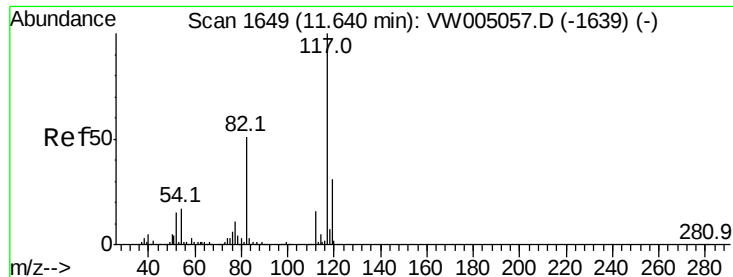
Tot Ion:107 Resp: 64829
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 55.730 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW005079.D
 Acq: 04 Sep 2018 15:07

Tgt Ion: 95 Resp: 333545
 Ion Ratio Lower Upper
 95 100
 174 89.9 0.0 173.4
 176 87.1 0.0 167.4

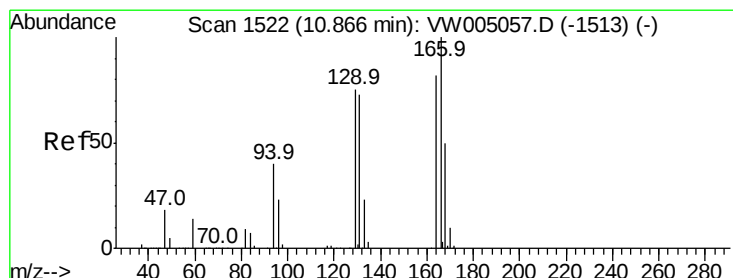
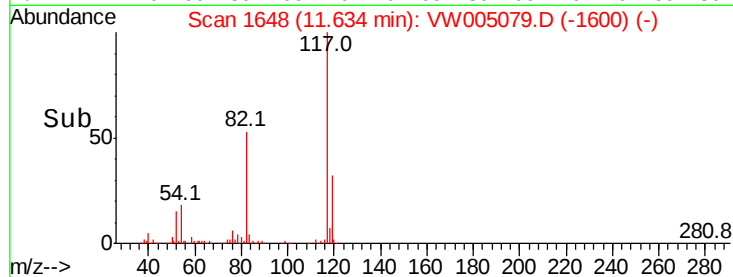
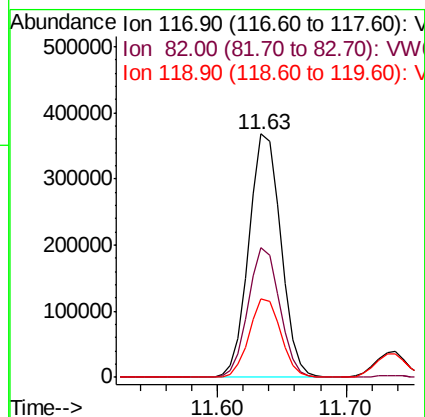
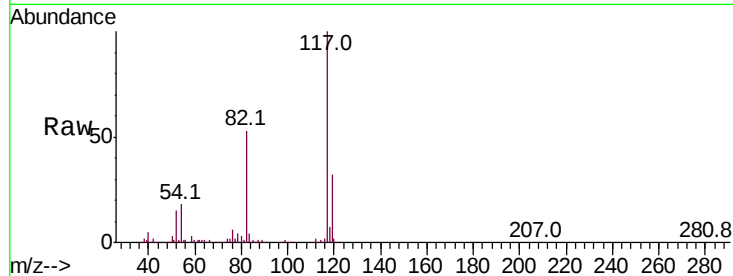




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

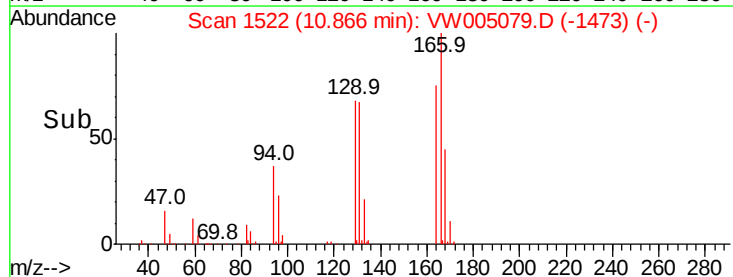
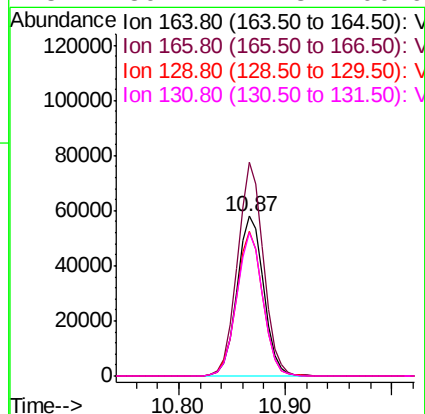
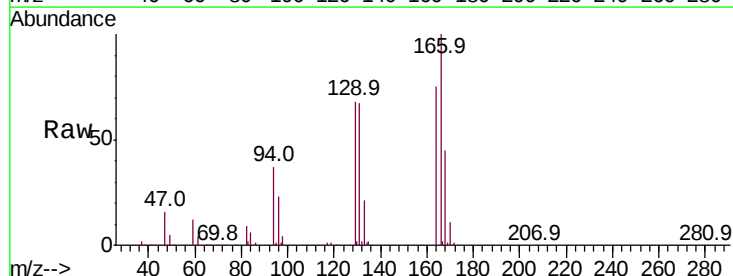
Instrument :
MSVOA_W
ClientSampleId :

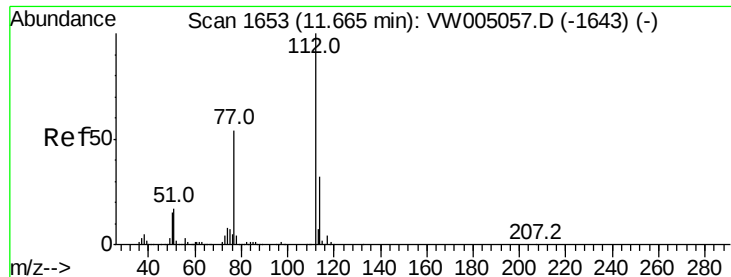
Tot Ion:117 Resp: 630166
Ion Ratio Lower Upper
117 100
82 53.4 40.9 61.3
119 32.4 24.9 37.3



#64
Tetrachloroethene
Concen: 20.555 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Tgt Ion:164 Resp: 101632
Ion Ratio Lower Upper
164 100
166 133.7 97.3 145.9
129 90.5 73.1 109.7
131 89.7 71.3 106.9





#65

Chlorobenzene

Concen: 21.333 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :

MSVOA_W

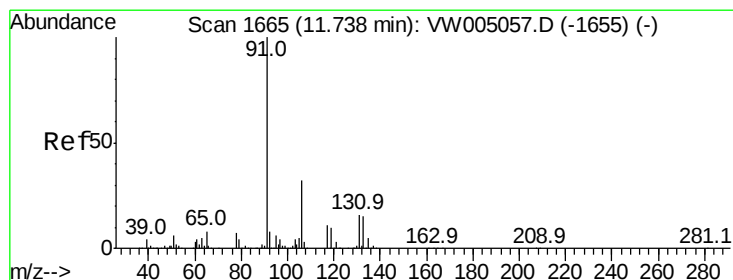
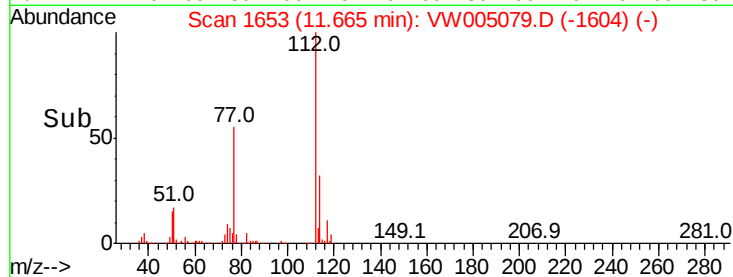
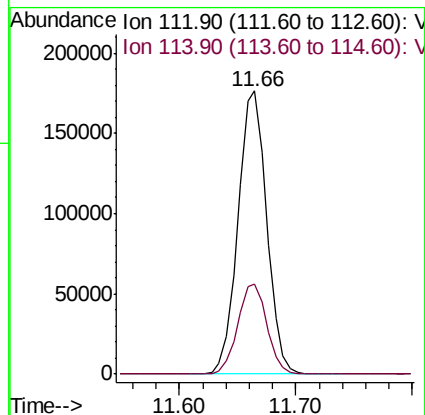
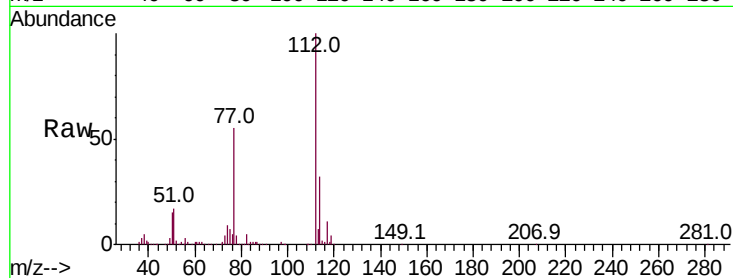
ClientSampleId :

Tot Ion:112 Resp: 302651

Ion Ratio Lower Upper

112 100

114 31.8 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 21.247 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

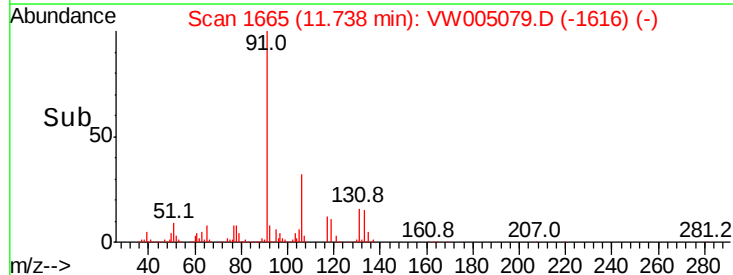
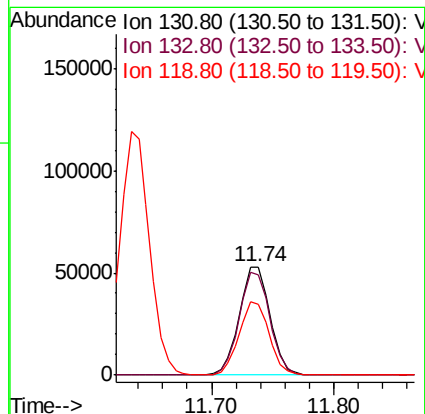
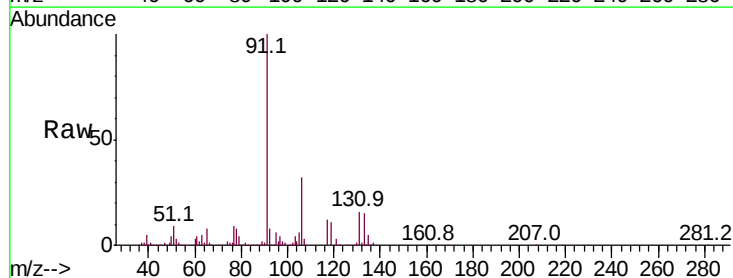
Tgt Ion:131 Resp: 92112

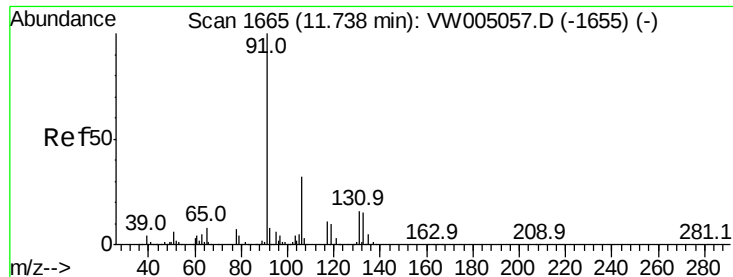
Ion Ratio Lower Upper

131 100

133 94.8 47.4 142.3

119 66.2 33.4 100.1





#67

Ethyl Benzene

Concen: 21.505 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :

MSVOA_W

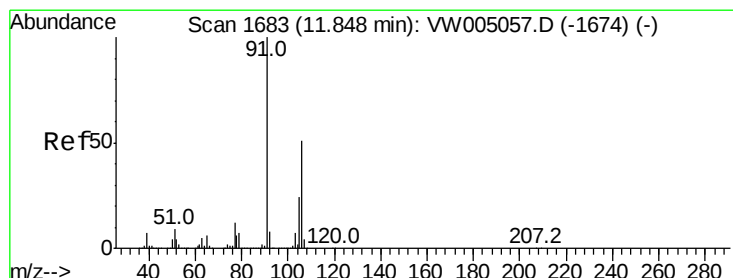
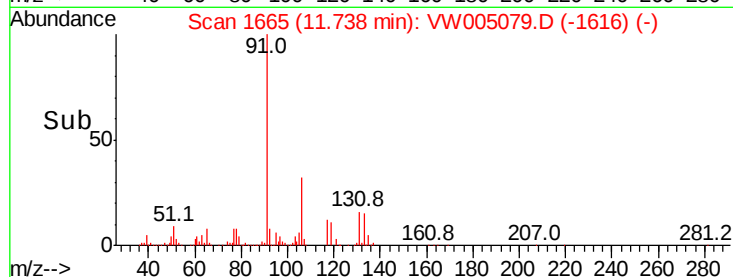
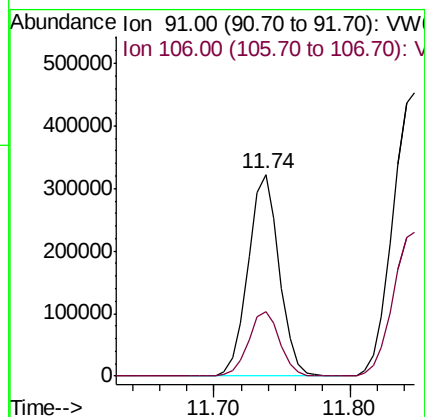
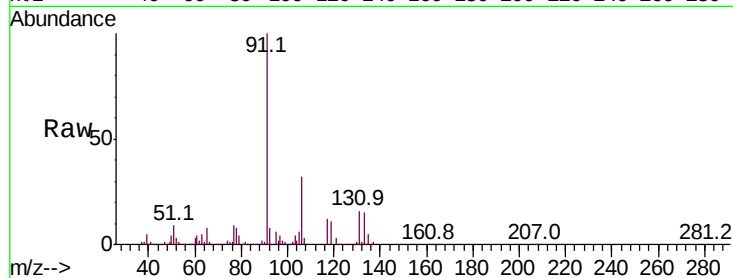
ClientSampled :

Tot Ion: 91 Resp: 515753

Ion Ratio Lower Upper

91 100

106 32.2 25.3 37.9



#68

m/p-Xylenes

Concen: 45.479 ug/l

RT: 11.85 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VW005079.D

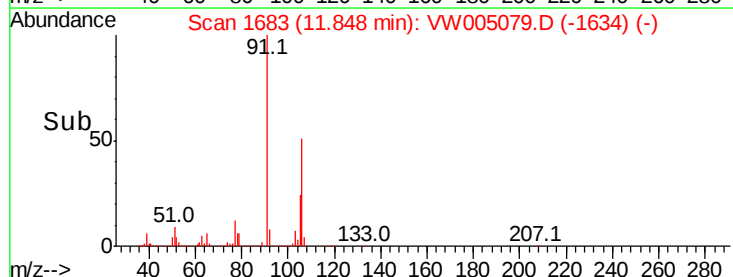
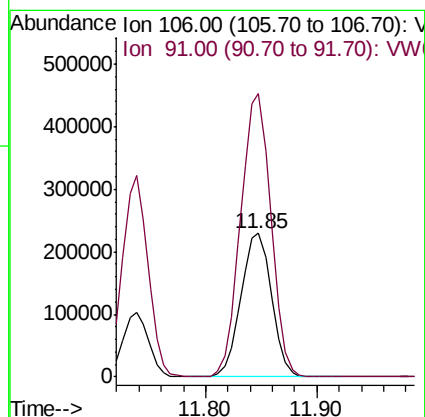
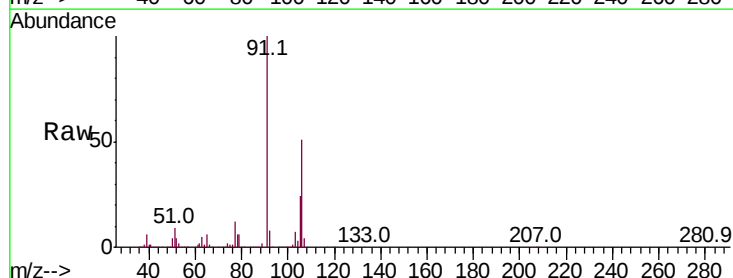
Acq: 04 Sep 2018 15:07

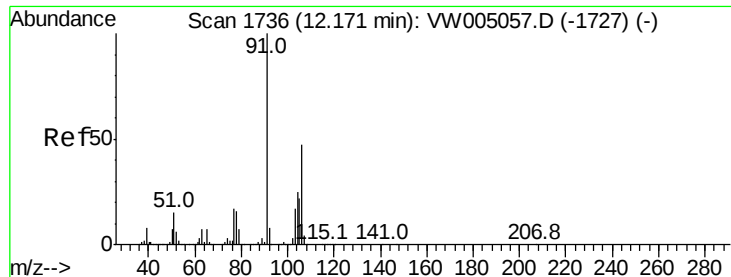
Tgt Ion: 106 Resp: 436722

Ion Ratio Lower Upper

106 100

91 195.4 158.4 237.6

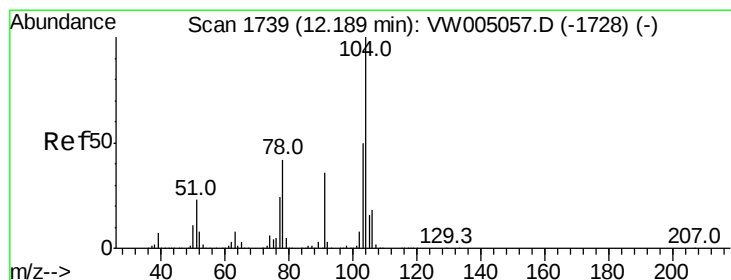
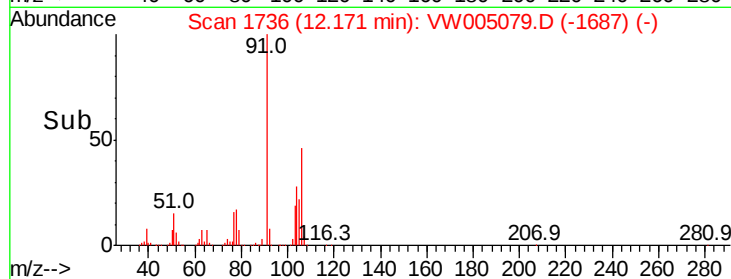
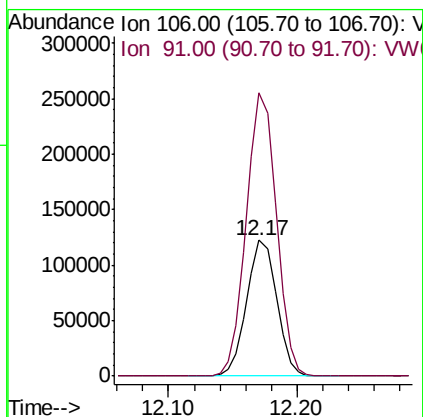
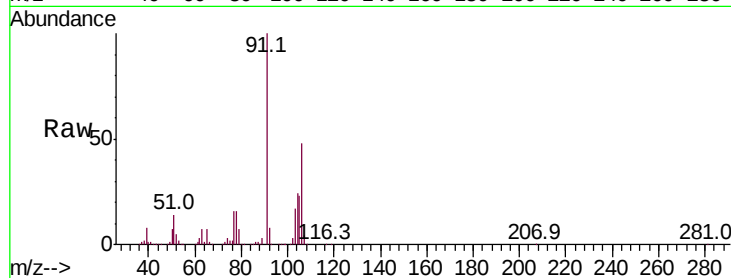




#69
o-Xylene
Concen: 22.334 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

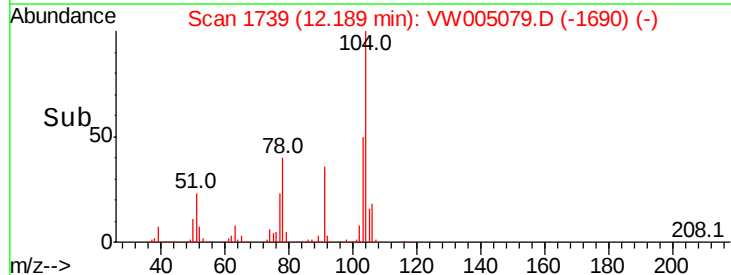
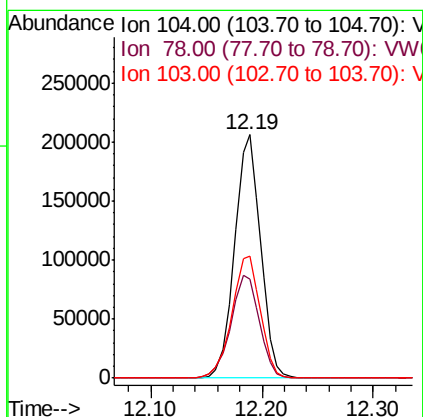
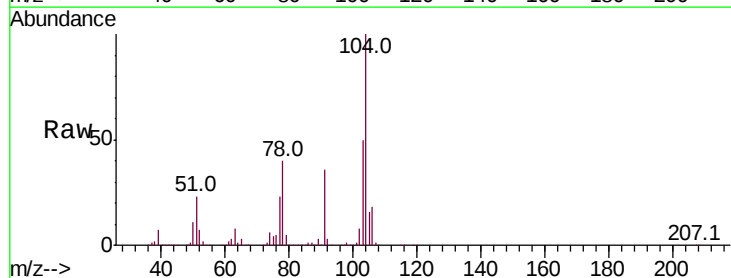
Instrument :
MSVOA_W
ClientSampled :

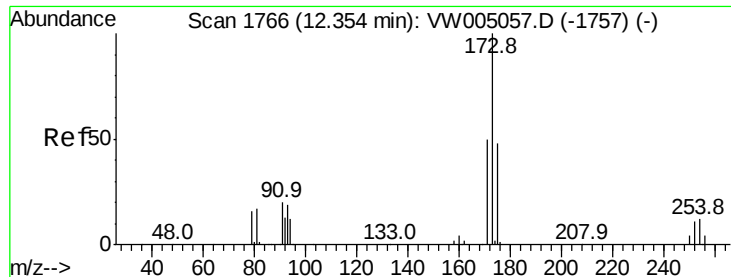
Tot Ion:106 Resp: 198283
Ion Ratio Lower Upper
106 100
91 208.5 105.6 316.8



#70
Styrene
Concen: 22.628 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Tgt Ion:104 Resp: 331858
Ion Ratio Lower Upper
104 100
78 46.4 37.8 56.6
103 54.8 44.1 66.1

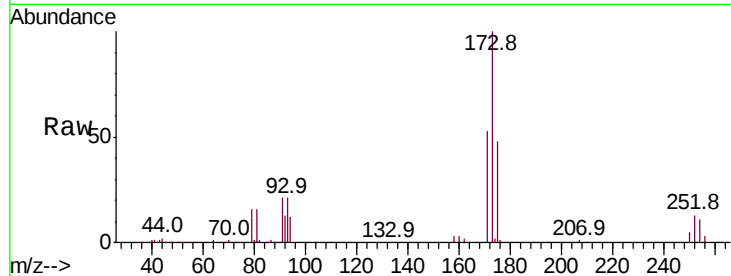




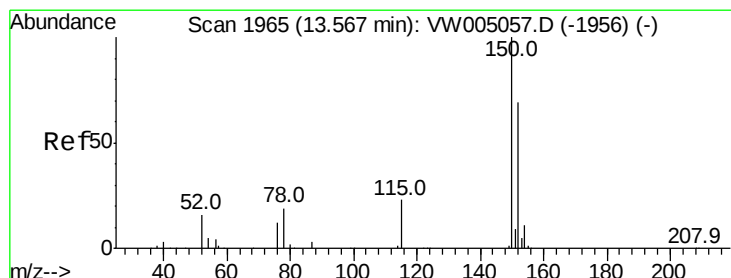
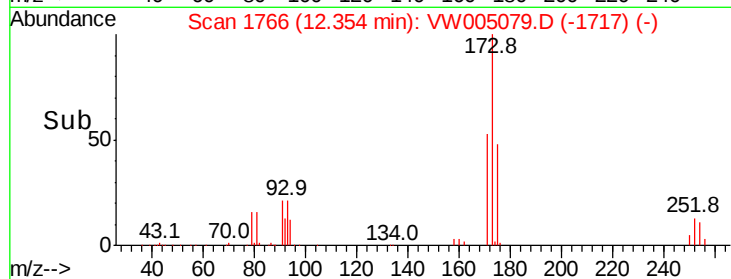
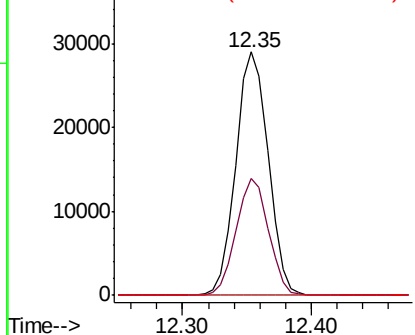
#71
Bromoform
Concen: 21.915 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. -0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:173 Resp: 50354
Ion Ratio Lower Upper
173 100
175 47.9 24.1 72.2
254 0.1 0.2 0.2#

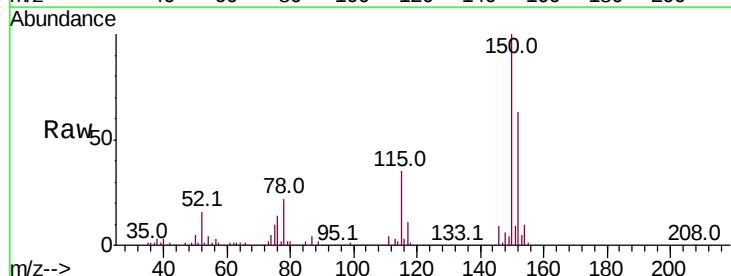


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

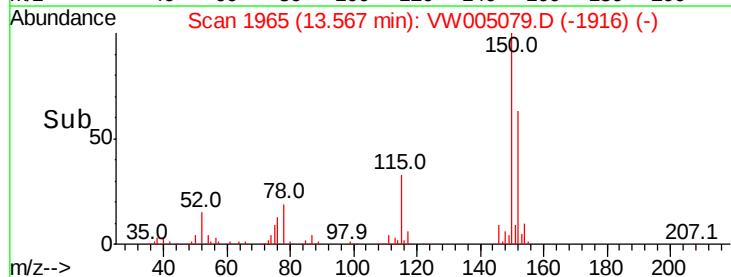
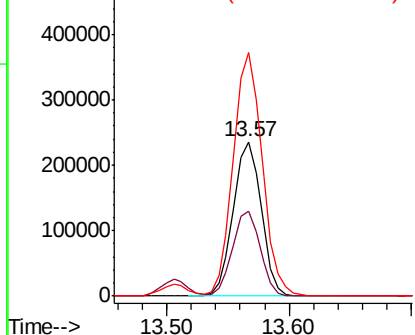


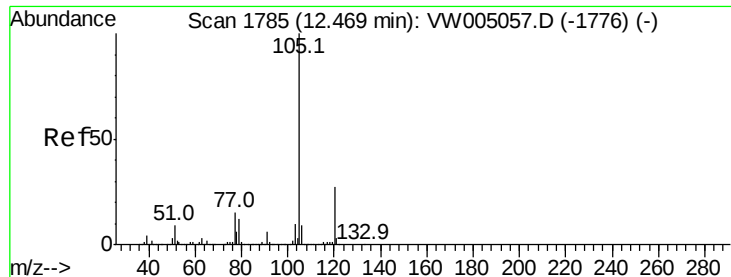
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Tgt Ion:152 Resp: 372886
Ion Ratio Lower Upper
152 100
115 54.9 27.8 83.4
150 164.0 0.0 351.4



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





#73

Isopropylbenzene

Concen: 20.180 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :

MSVOA_W

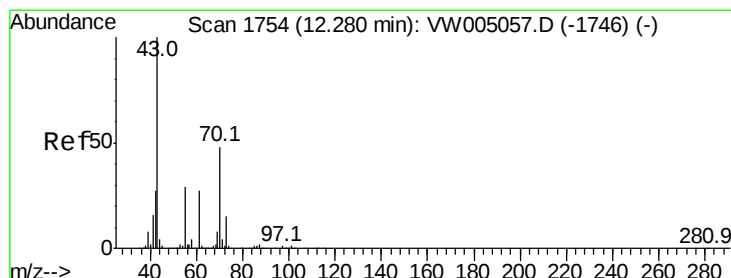
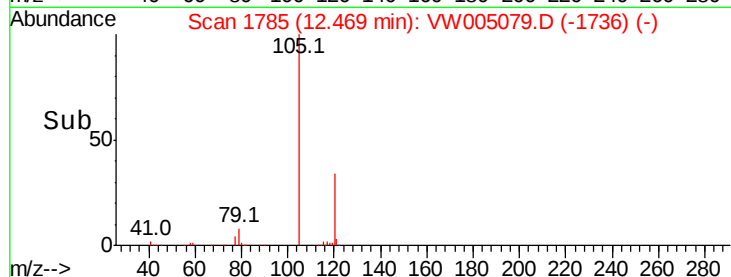
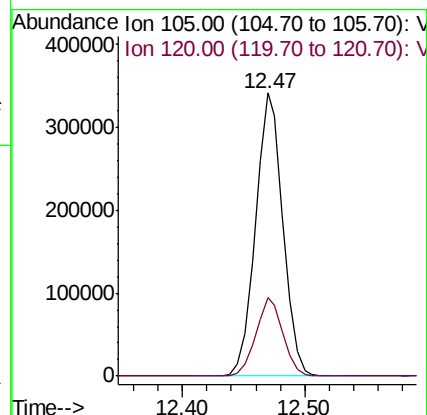
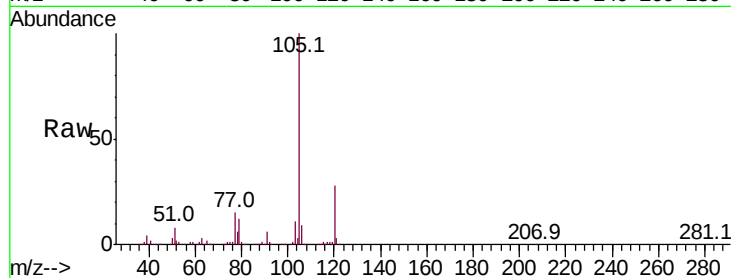
ClientSampleId :

Tot Ion:105 Resp: 530577

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.1



#74

N-ethyl acetate

Concen: 20.753 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Tgt Ion: 43 Resp: 93952

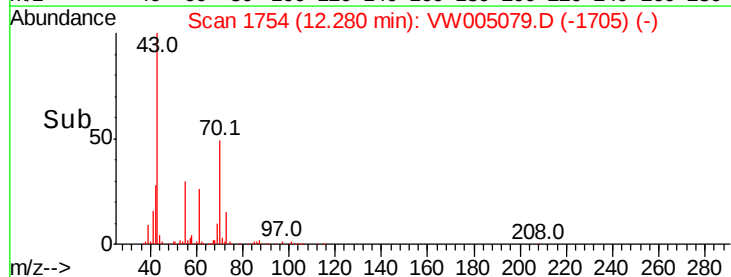
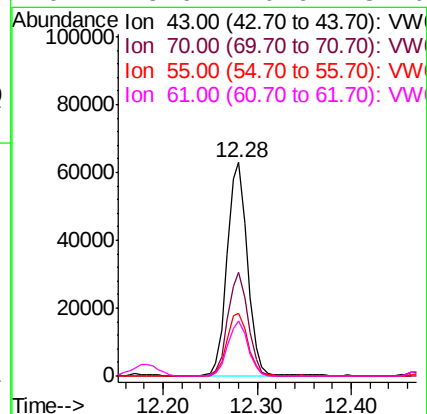
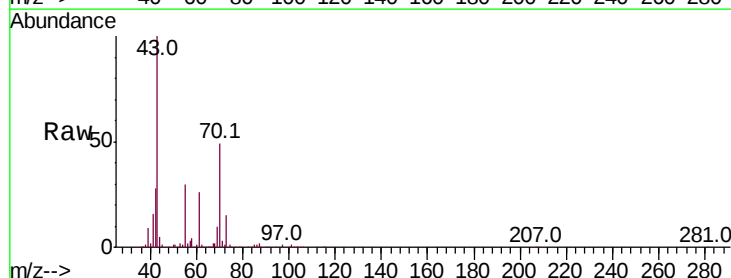
Ion Ratio Lower Upper

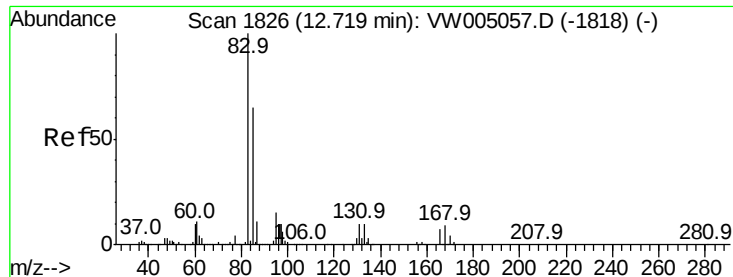
43 100

70 48.6 38.2 57.4

55 30.7 23.2 34.8

61 25.6 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.783 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :

MSVOA_W

ClientSampleId :

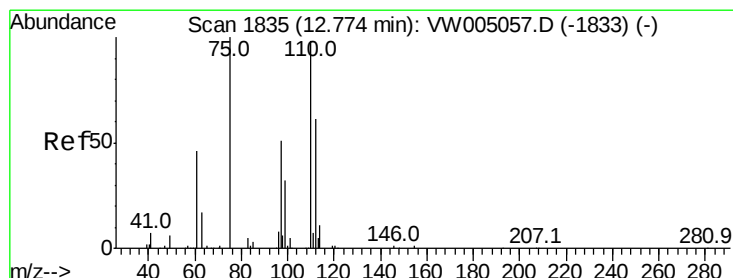
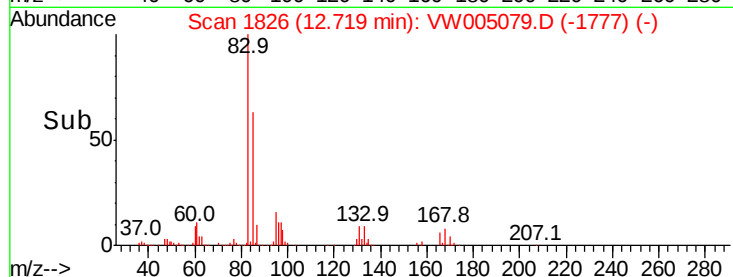
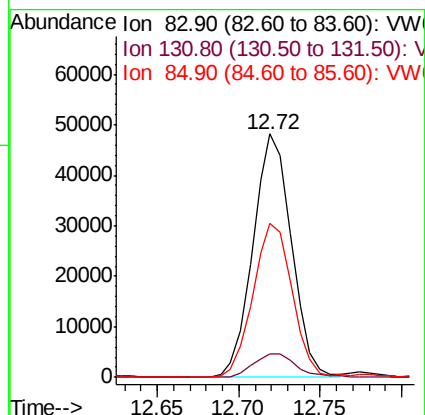
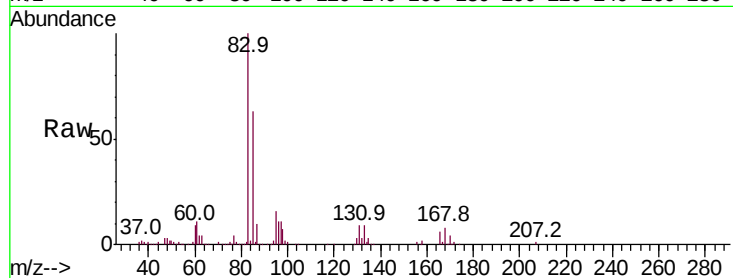
Tot Ion: 83 Resp: 79182

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

85 64.6 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 38.394 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW005079.D

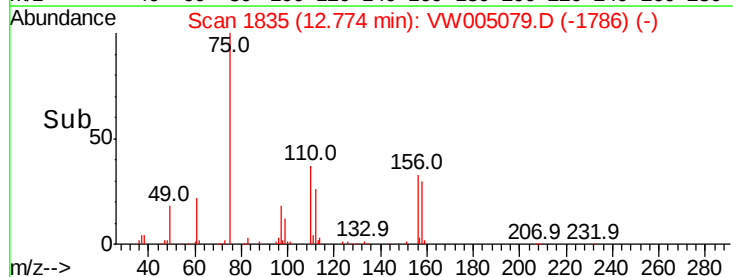
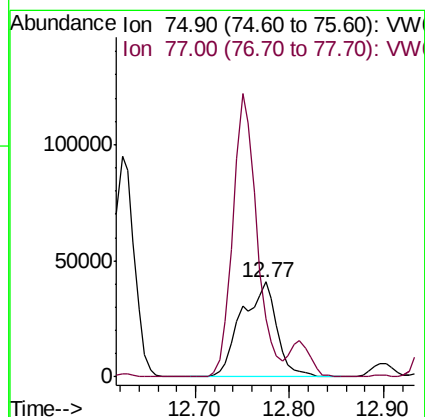
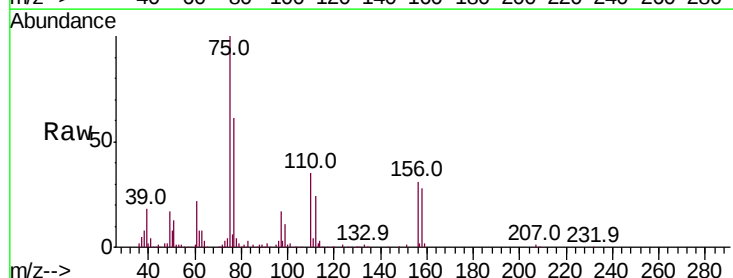
Acq: 04 Sep 2018 15:07

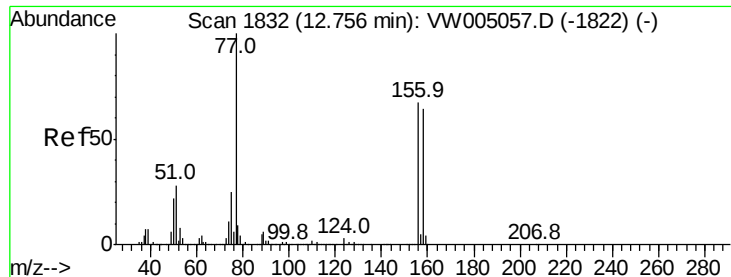
Tgt Ion: 75 Resp: 107464

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.405 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :

MSVOA_W

ClientSampleId :

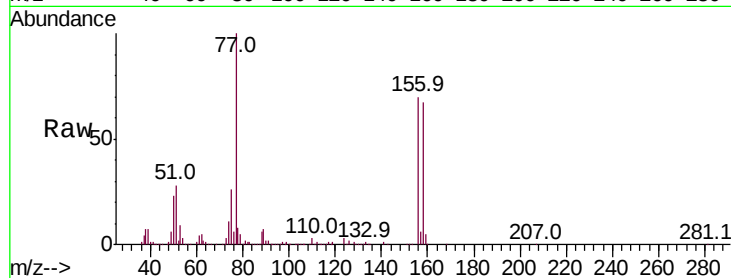
Tot Ion:156 Resp: 132194

Ion Ratio Lower Upper

156 100

77 164.3 85.8 257.4

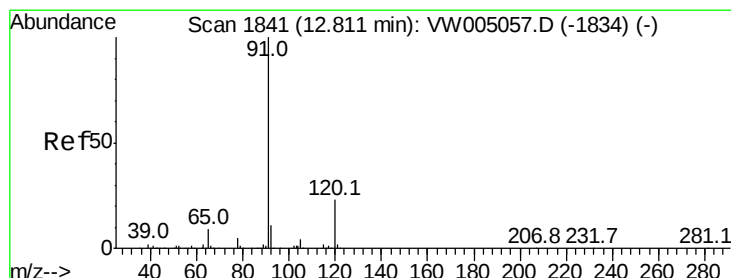
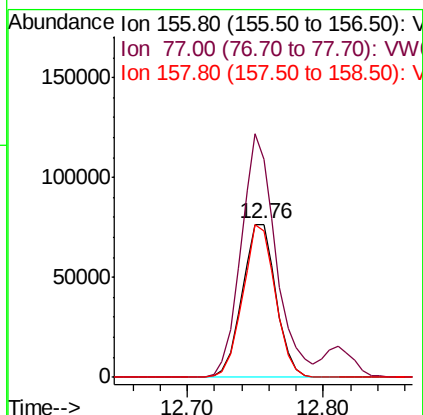
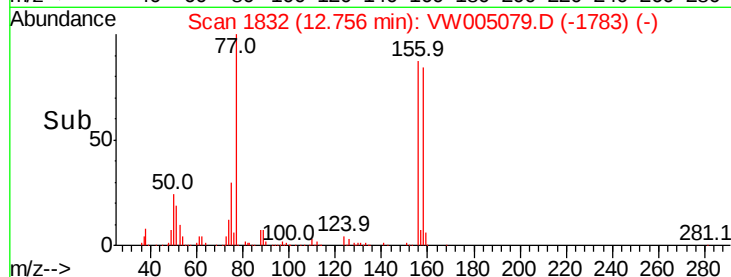
158 96.3 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.952 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW005079.D

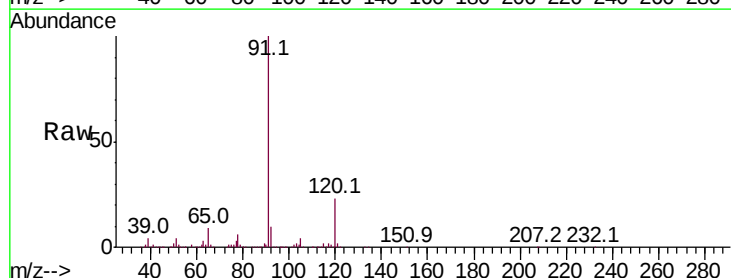
Acq: 04 Sep 2018 15:07

Tgt Ion: 91 Resp: 665010

Ion Ratio Lower Upper

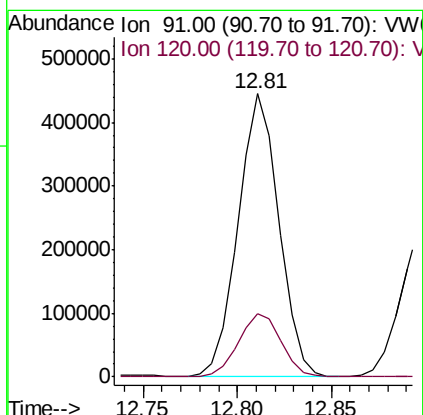
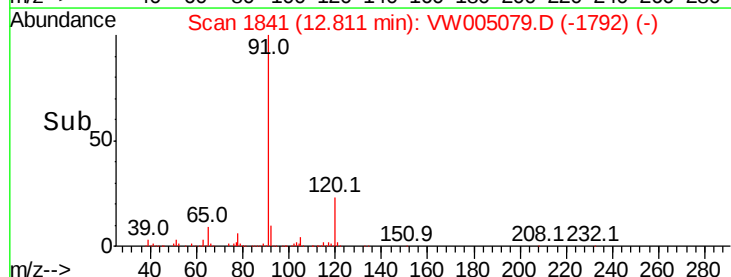
91 100

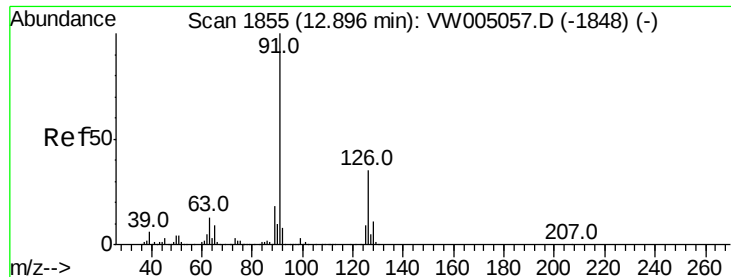
120 23.4 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.353 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :

MSVOA_W

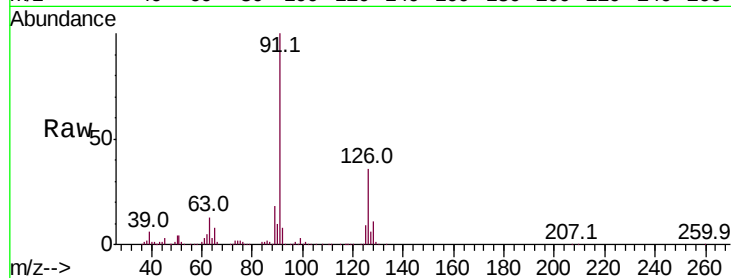
ClientSampleId :

Tot Ion: 91 Resp: 376894

Ion Ratio Lower Upper

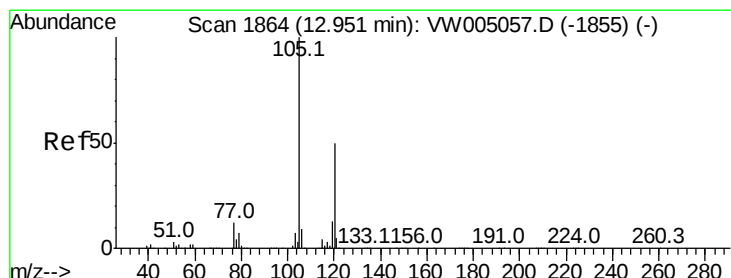
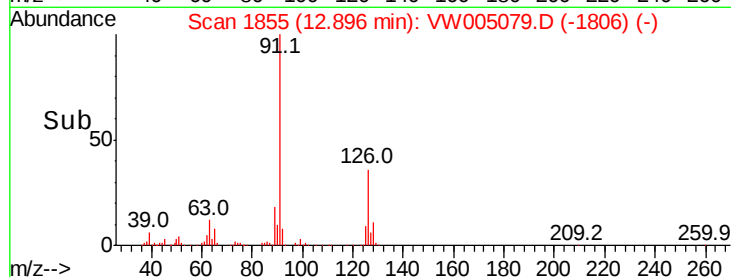
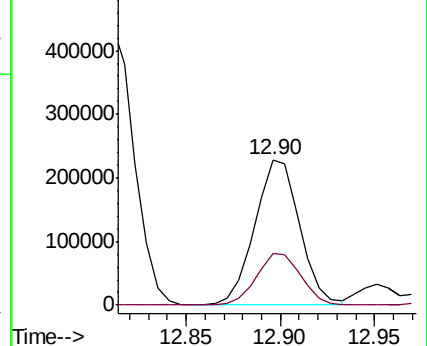
91 100

126 35.7 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.335 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW005079.D

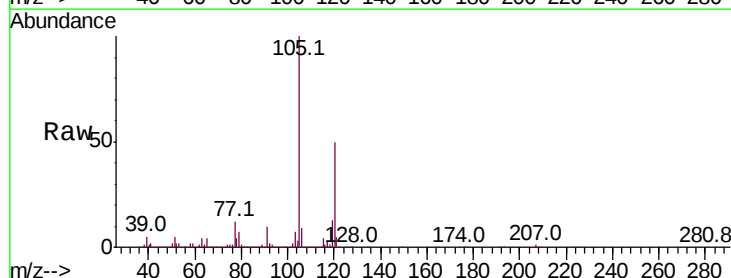
Acq: 04 Sep 2018 15:07

Tgt Ion: 105 Resp: 485103

Ion Ratio Lower Upper

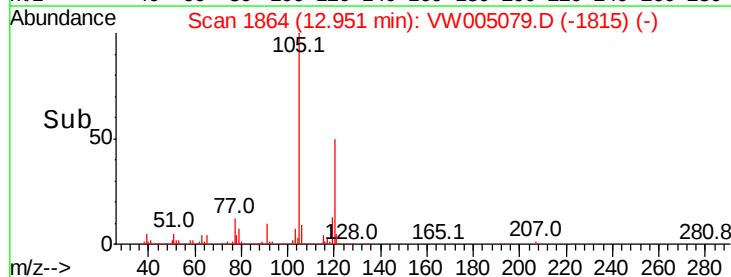
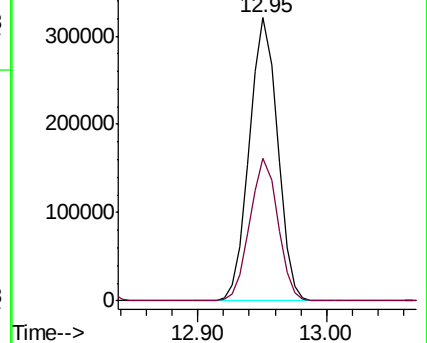
105 100

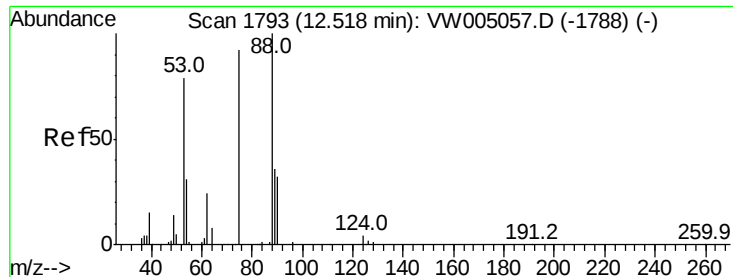
120 50.2 24.9 74.8



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: 20.393 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :

MSVOA_W

ClientSampleId :

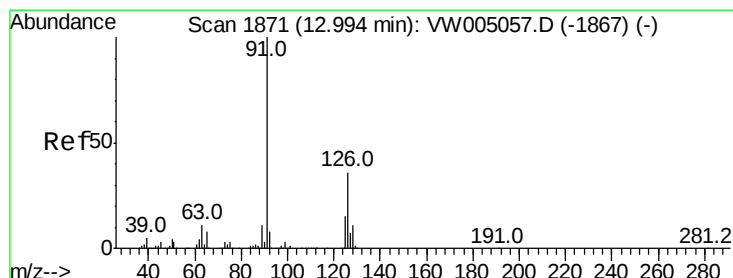
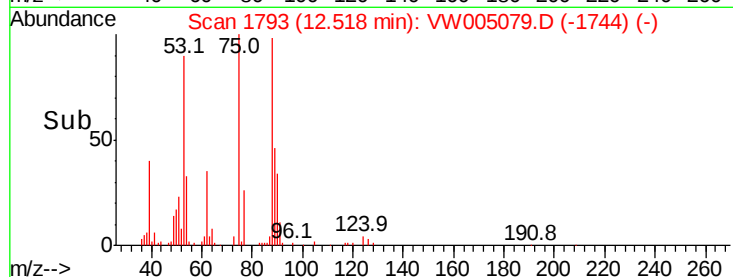
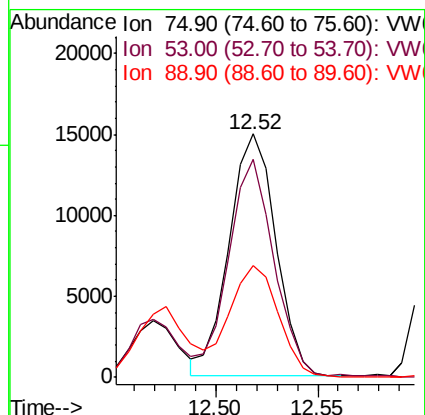
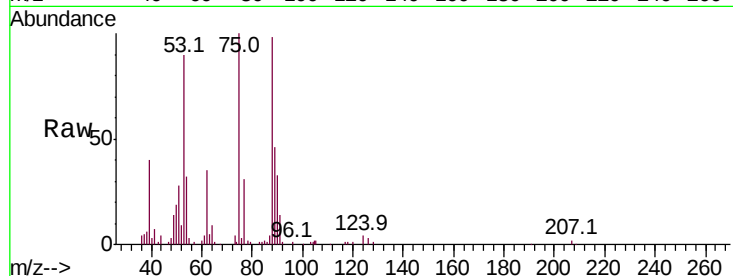
Tot Ion: 75 Resp: 23715

Ion Ratio Lower Upper

75 100

53 89.5 69.8 104.8

89 48.7 36.0 54.0



#82

4-Chlorotoluene

Concen: 20.831 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VW005079.D

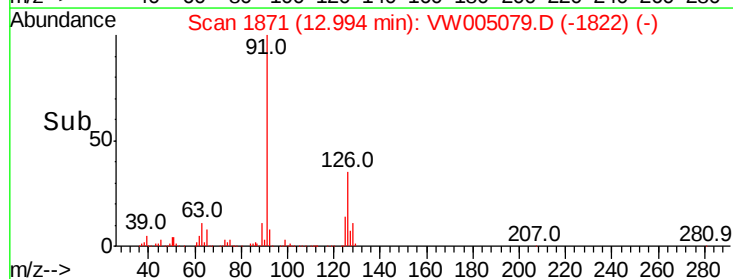
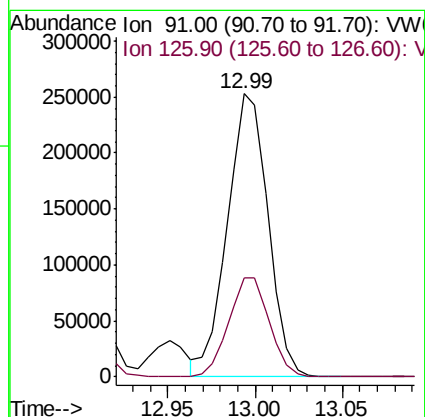
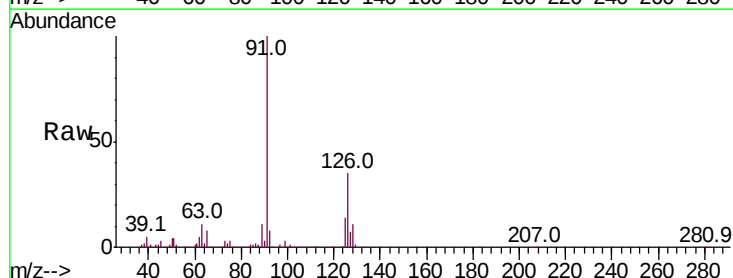
Acq: 04 Sep 2018 15:07

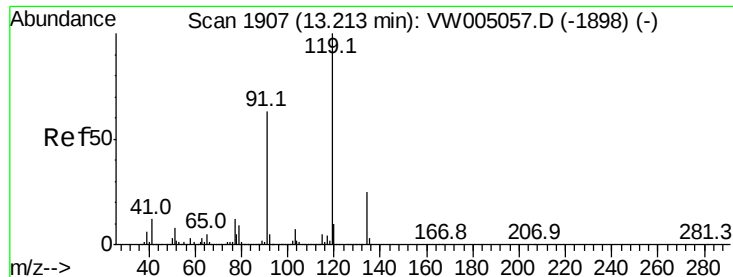
Tgt Ion: 91 Resp: 407332

Ion Ratio Lower Upper

91 100

126 35.1 17.4 52.3





#83

tert-Butylbenzene

Concen: 20.999 ug/l

RT: 13.21 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :

MSVOA_W

ClientSampleId :

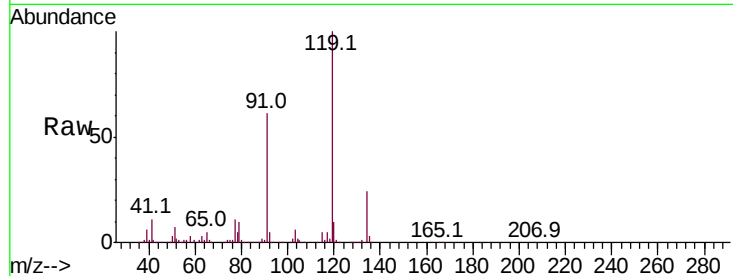
Tot Ion:119 Resp: 398736

Ion Ratio Lower Upper

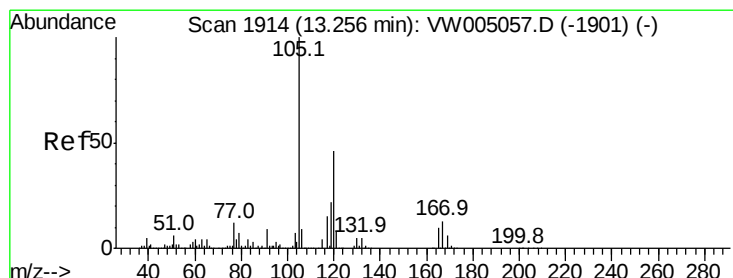
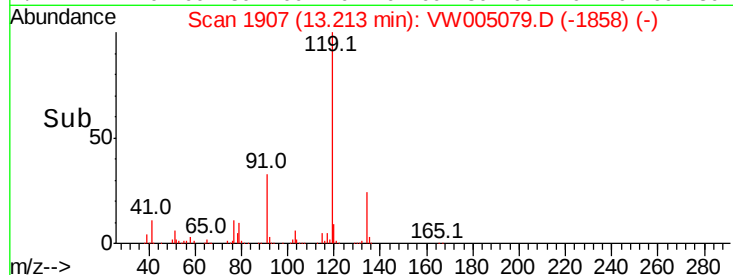
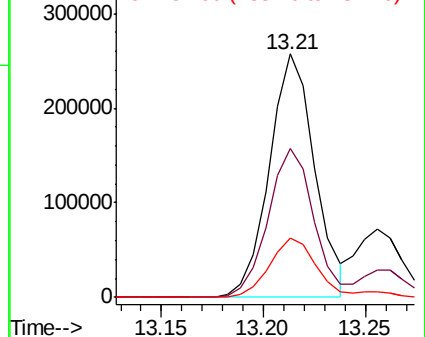
119 100

91 62.2 31.8 95.4

134 24.8 13.0 39.0



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.538 ug/l

RT: 13.26 min Scan# 1914

Delta R.T. -0.00 min

Lab File: VW005079.D

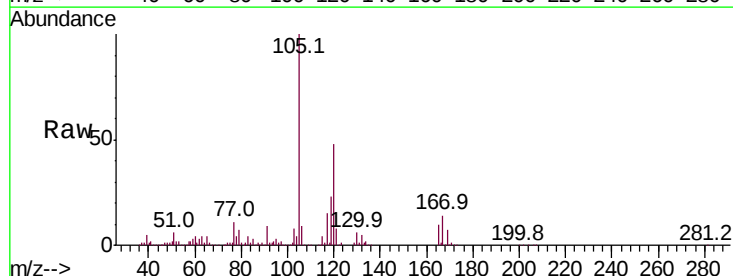
Acq: 04 Sep 2018 15:07

Tgt Ion:105 Resp: 498734

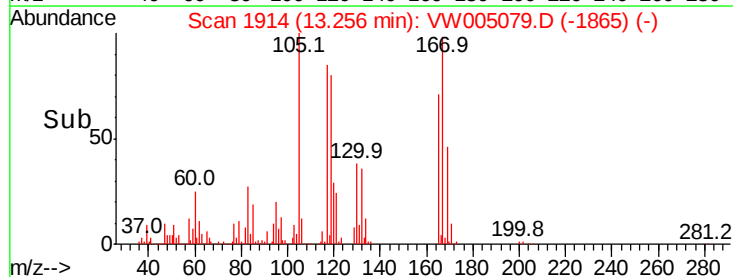
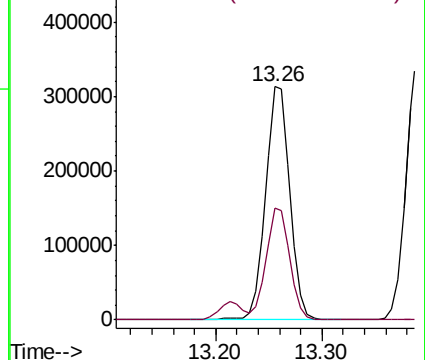
Ion Ratio Lower Upper

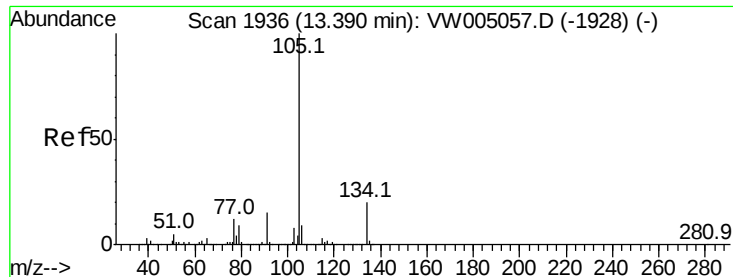
105 100

120 46.7 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

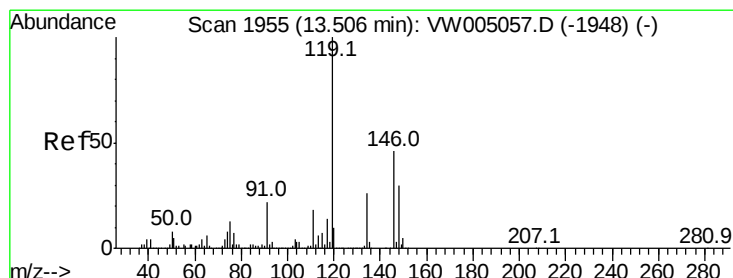
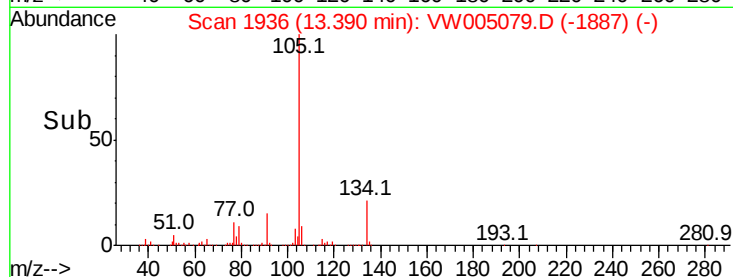
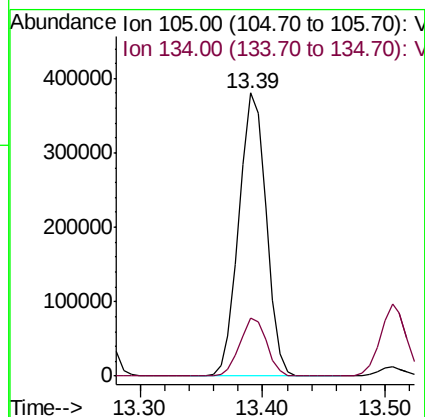
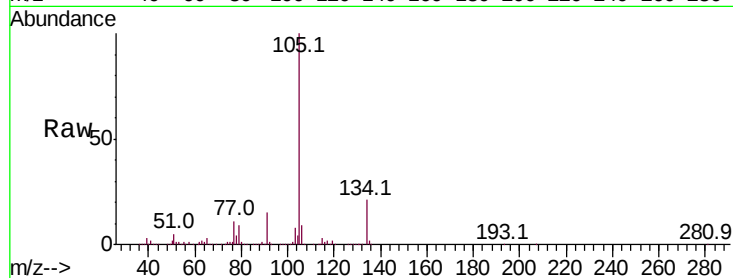




#85
 sec-Butylbenzene
 Concen: 21.054 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW005079.D
 Acq: 04 Sep 2018 15:07

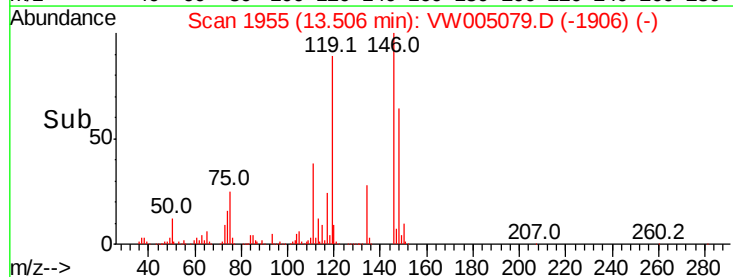
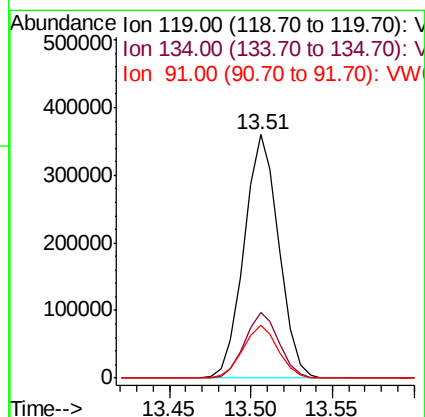
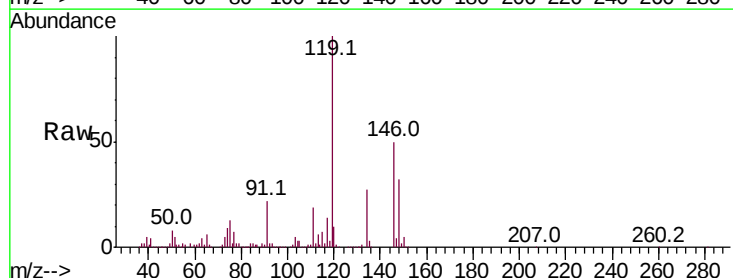
Instrument :
 MSVOA_W
 ClientSampled :

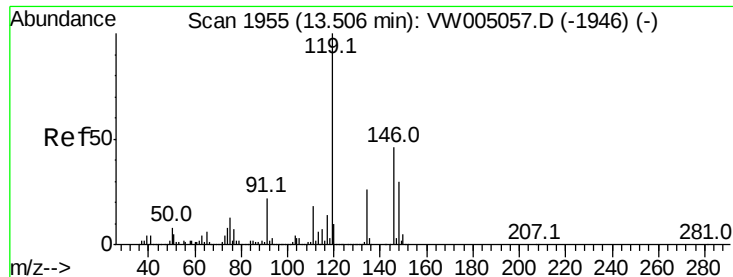
Tot Ion:105 Resp: 587494
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 21.546 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW005079.D
 Acq: 04 Sep 2018 15:07

Tgt Ion:119 Resp: 532207
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.8
 91 21.7 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 21.099 ug/l

RT: 13.51 min Scan# 1955

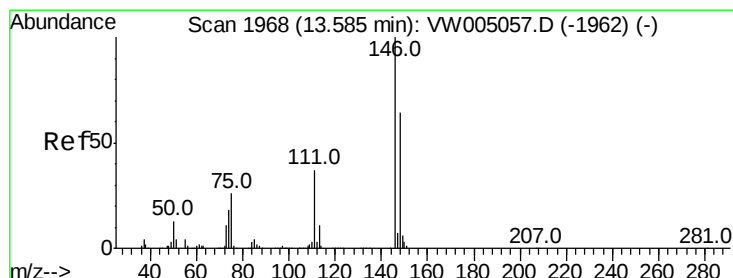
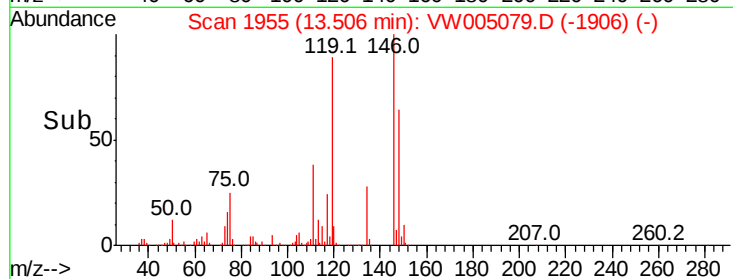
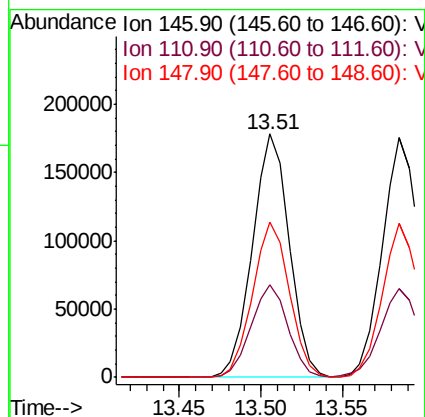
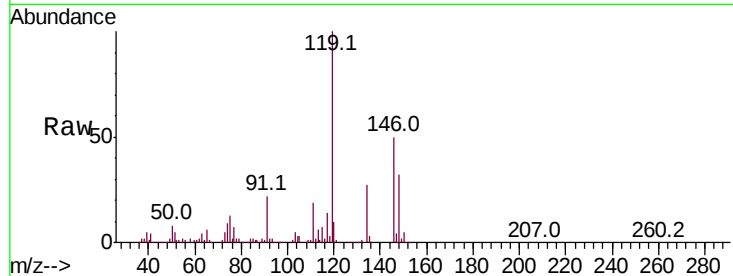
Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.2	57.6
148	63.5	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 20.993 ug/l

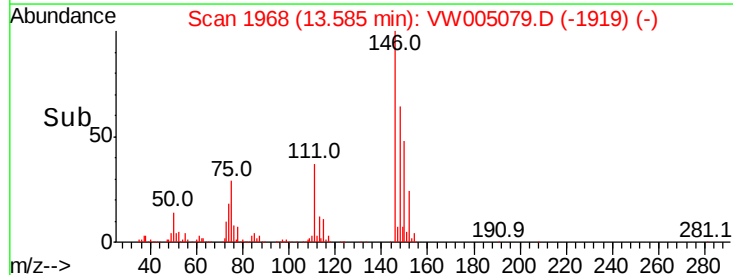
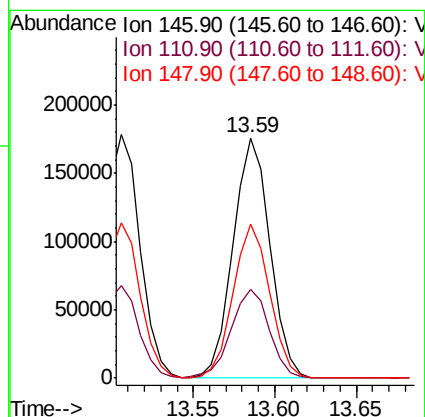
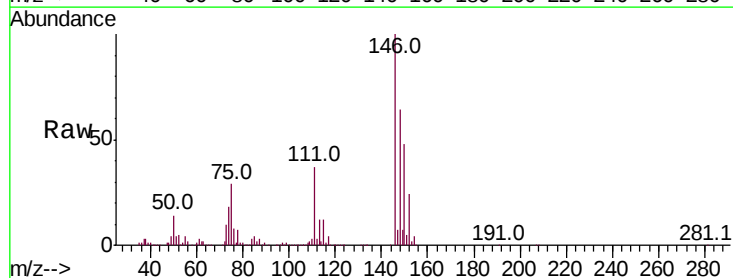
RT: 13.59 min Scan# 1968

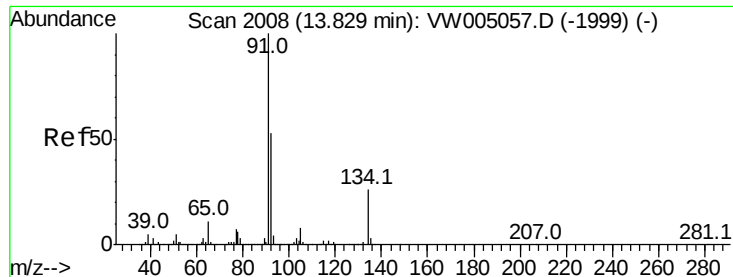
Delta R.T. -0.00 min

Lab File: VW005079.D

Acq: 04 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.6	56.0
148	63.8	32.0	96.0

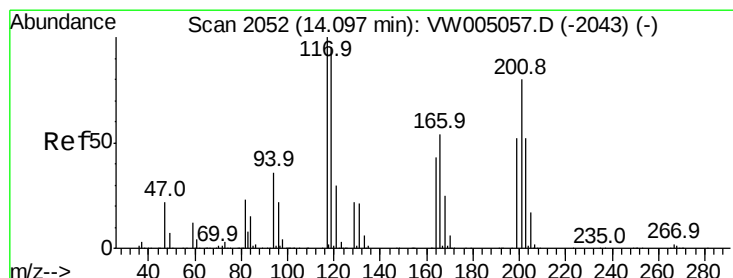
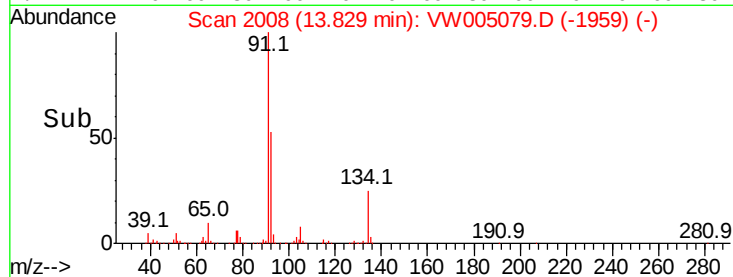
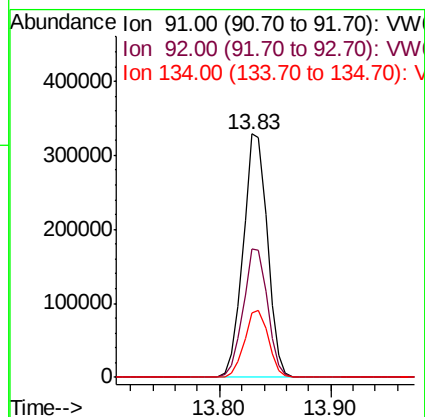
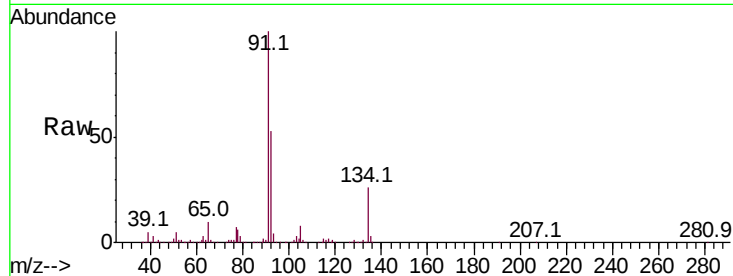




#89
n-Butylbenzene
Concen: 21.676 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

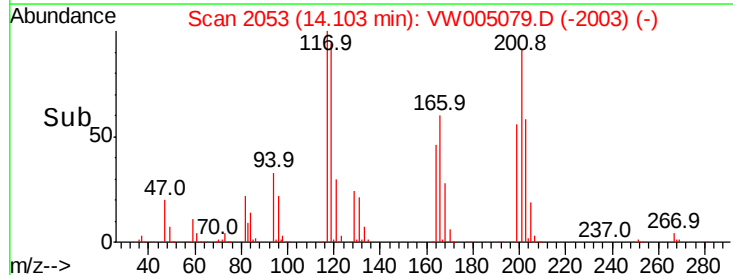
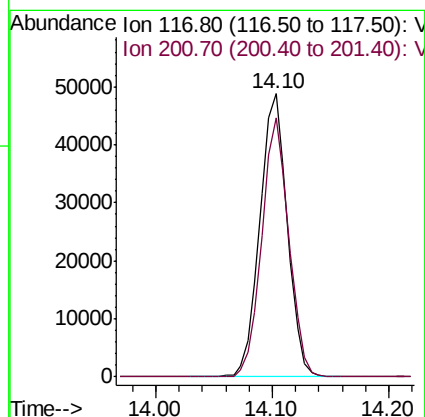
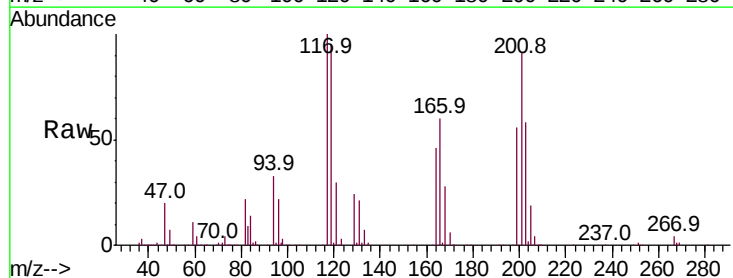
Instrument :
MSVOA_W
ClientSampled :

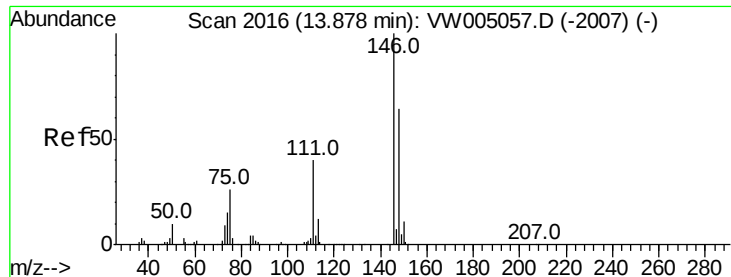
Tot Ion: 91 Resp: 496226
Ion Ratio Lower Upper
91 100
92 53.1 26.5 79.5
134 27.2 13.5 40.4



#90
Hexachloroethane
Concen: 19.481 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.01 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Tgt Ion: 117 Resp: 79930
Ion Ratio Lower Upper
117 100
201 89.4 44.6 133.8

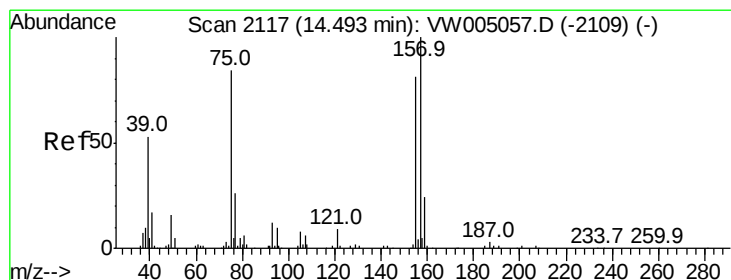
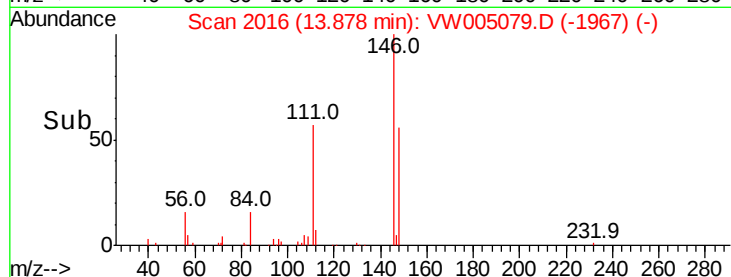
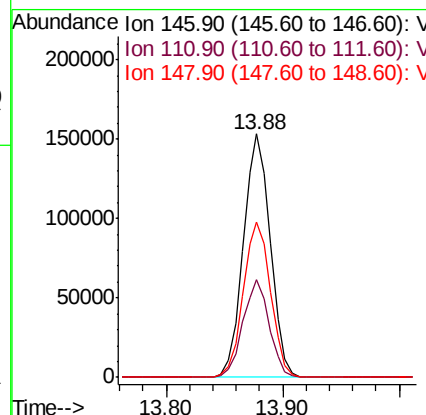
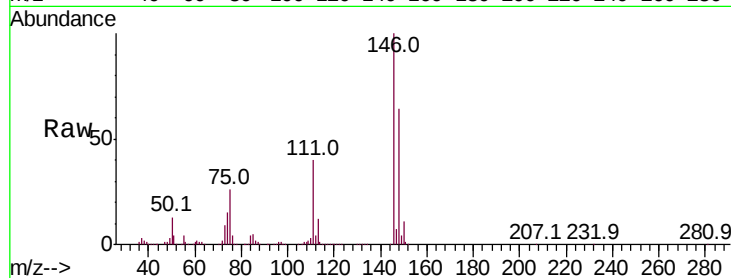




#91
 1,2-Dichlorobenzene
 Concen: 21.247 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW005079.D
 Acq: 04 Sep 2018 15:07

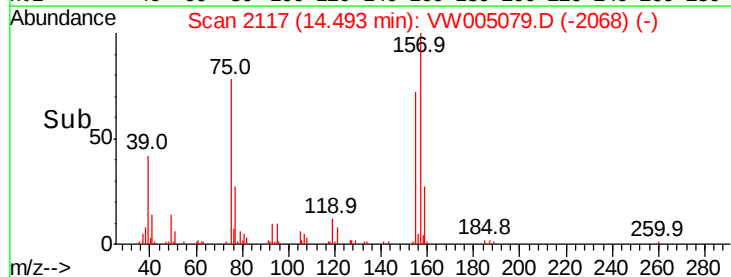
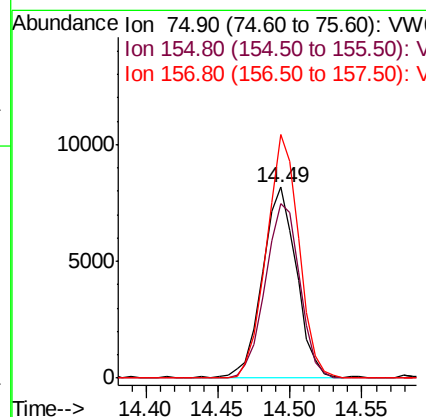
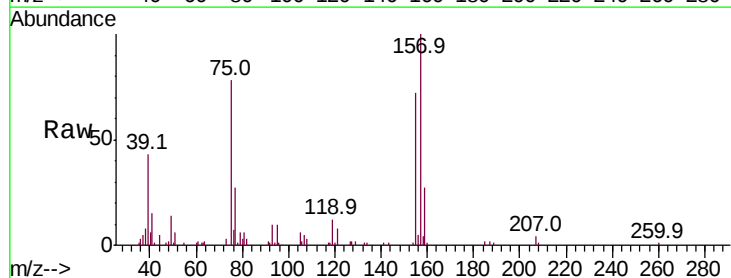
Instrument :
 MSVOA_W
 ClientSampleId :

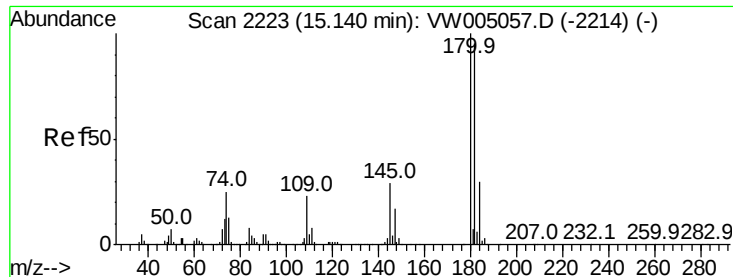
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.9	59.7
148	64.4	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.358 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW005079.D
 Acq: 04 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.3	46.0	137.8
157	121.3	58.6	175.7

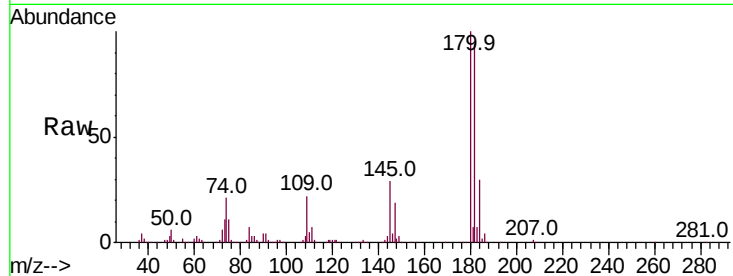




#93
 1,2,4-Trichlorobenzene
 Concen: 23.268 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.01 min
 Lab File: VW005079.D
 Acq: 04 Sep 2018 15:07

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.5	142.6
145	28.6	14.4	43.2

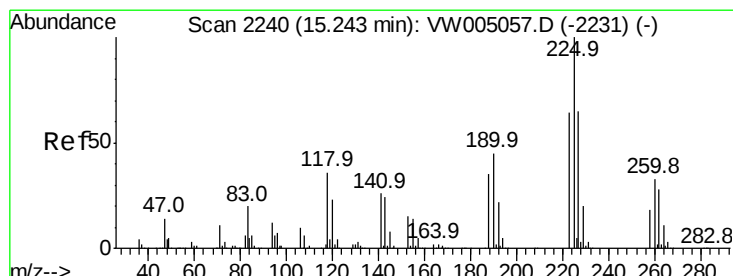
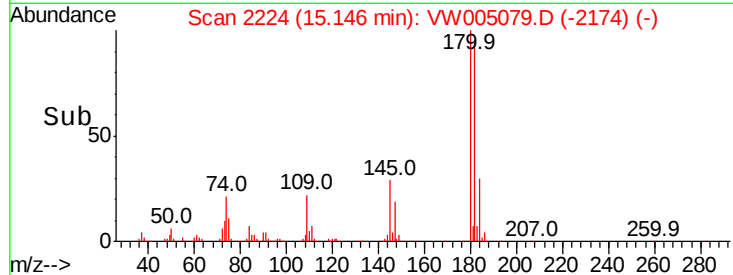
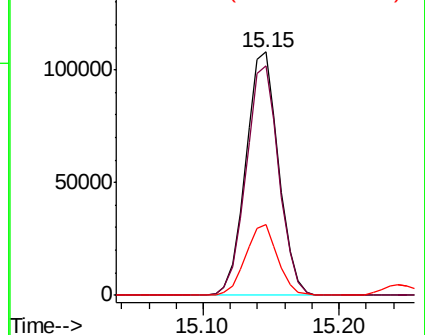


Abundance

Ion 179.80 (179.50 to 180.50): V

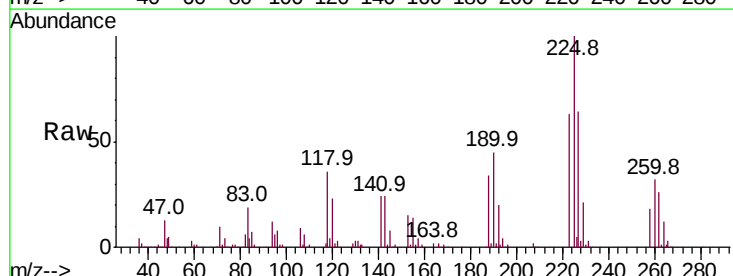
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 22.429 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VW005079.D
 Acq: 04 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.4	94.3
227	63.7	32.0	96.0

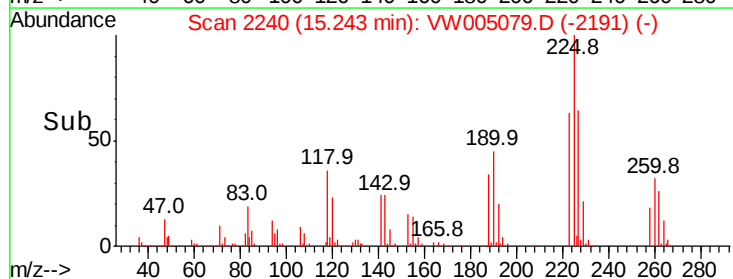
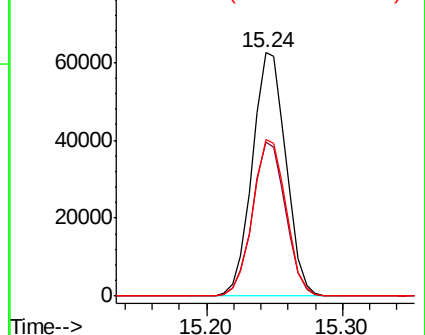


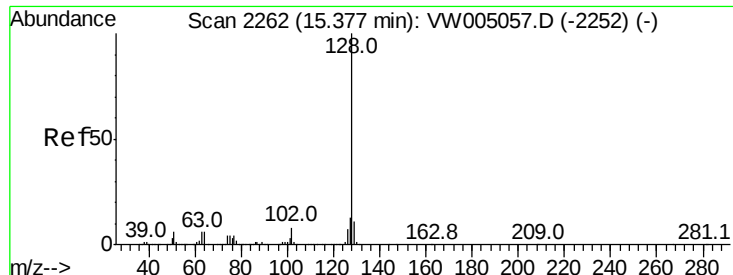
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

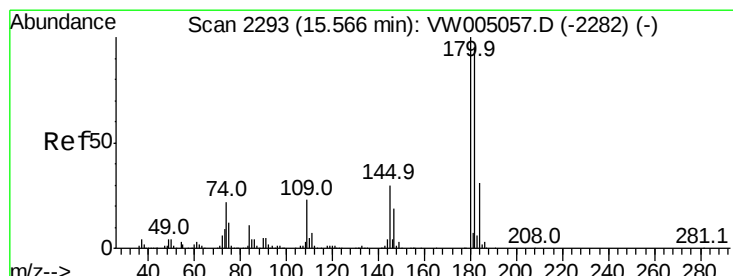
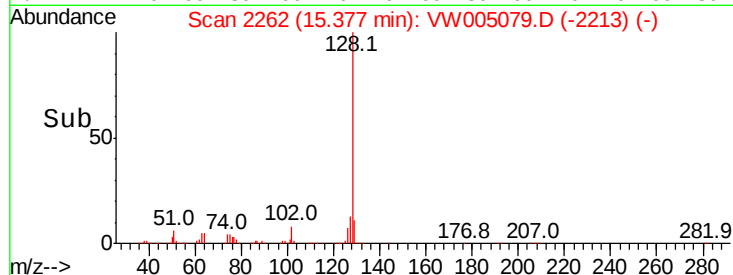
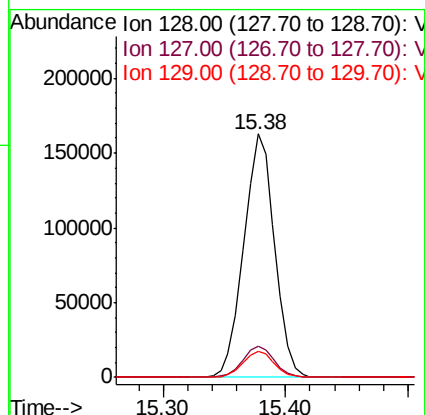
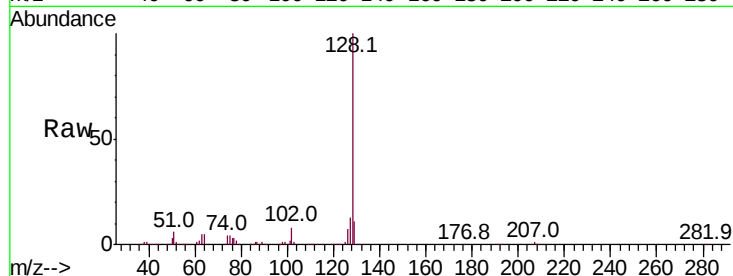




#95
Naphthalene
Concen: 23.441 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:128 Resp: 284277
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 23.385 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW005079.D
Acq: 04 Sep 2018 15:07

Tgt Ion:180 Resp: 155649
Ion Ratio Lower Upper
180 100
182 94.6 47.4 142.3
145 30.7 15.4 46.1

