

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090518\
 Data File : VW005131.D
 Acq On : 05 Sep 2018 16:12
 Operator : SY/AP
 Sample : VW0905SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBS01

Quant Time: Sep 05 16:36:26 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	583793	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	852814	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	838459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	453186	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	259288	53.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.16%	
35) Dibromofluoromethane	7.89	113	250687	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
50) Toluene-d8	10.33	98	1168751	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.62	95	430072	53.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	113414	24.11	ug/l	99
3) Chloromethane	2.21	50	164063	24.03	ug/l	98
4) Vinyl Chloride	2.36	62	156854	23.63	ug/l	100
5) Bromomethane	2.76	94	83266	17.38	ug/l	99
6) Chloroethane	2.91	64	92746	22.44	ug/l	99
7) Trichlorofluoromethane	3.26	101	174152	23.32	ug/l	99
8) Diethyl Ether	3.69	74	61775	22.86	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	119166	23.23	ug/l	97
10) Methyl Iodide	4.27	142	122220	18.54	ug/l	100
11) Tert butyl alcohol	5.20	59	45326	166.93	ug/l #	94
12) 1,1-Dichloroethene	4.04	96	110088	23.32	ug/l	95
13) Acrolein	3.90	56	38882	123.78	ug/l	100
14) Allyl chloride	4.67	41	175167	23.74	ug/l	98
15) Acrylonitrile	5.38	53	138346	121.39	ug/l	99
16) Acetone	4.14	43	119436	123.06	ug/l	97
17) Carbon Disulfide	4.38	76	380167	23.11	ug/l	100
18) Methyl Acetate	4.68	43	62044	21.73	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	277958	24.25	ug/l	98
20) Methylene Chloride	4.92	84	168835	23.70	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	125141	21.76	ug/l	97
22) Diisopropyl ether	6.32	45	368840	23.75	ug/l	98
23) Vinyl Acetate	6.26	43	1060187	129.98	ug/l	99
24) 1,1-Dichloroethane	6.22	63	219619	22.63	ug/l	99
25) 2-Butanone	7.18	43	212755	126.39	ug/l	97
26) 2,2-Dichloropropane	7.17	77	187894	23.56	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	137026	21.78	ug/l	96
28) Bromochloromethane	7.52	49	86583	22.16	ug/l	93
29) Tetrahydrofuran	7.54	42	106059	123.31	ug/l	98
30) Chloroform	7.68	83	212851	21.49	ug/l	96
31) Cyclohexane	7.96	56	236881	24.92	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	189568	21.97	ug/l	99
36) 1,1-Dichloropropene	8.09	75	189245	23.30	ug/l	98
37) Ethyl Acetate	7.26	43	77067	25.37	ug/l	99
38) Carbon Tetrachloride	8.07	117	167915	21.74	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090518\
 Data File : VW005131.D
 Acq On : 05 Sep 2018 16:12
 Operator : SY/AP
 Sample : VW0905SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBSD01

Quant Time: Sep 05 16:36:26 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	228078	23.22	ug/l	96
40) Benzene	8.33	78	537335	21.61	ug/l	99
41) Methacrylonitrile	7.49	41	44709	25.40	ug/l	99
42) 1,2-Dichloroethane	8.41	62	135618	22.29	ug/l	98
43) Isopropyl Acetate	8.43	43	138920	25.13	ug/l	97
44) Trichloroethene	9.10	130	143187	21.34	ug/l	97
45) 1,2-Dichloropropane	9.37	63	135733	22.35	ug/l	97
46) Dibromomethane	9.46	93	63514	21.87	ug/l	95
47) Bromodichloromethane	9.65	83	159389	21.79	ug/l	99
48) Methyl methacrylate	9.44	41	65290	24.53	ug/l	94
49) 1,4-Dioxane	9.48	88	21021	447.53	ug/l #	84
51) 4-Methyl-2-Pentanone	10.21	43	461129	124.48	ug/l	99
52) Toluene	10.39	92	359931	21.36	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	165314	23.00	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	200939	22.99	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	98114	21.82	ug/l	98
56) Ethyl methacrylate	10.65	69	120034	23.40	ug/l	98
57) 1,3-Dichloropropane	10.94	76	167081	22.57	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	295052	121.36	ug/l	97
59) 2-Hexanone	10.98	43	323249	129.02	ug/l	98
60) Dibromochloromethane	11.13	129	108665	21.37	ug/l	99
61) 1,2-Dibromoethane	11.24	107	89341	22.00	ug/l	99
64) Tetrachloroethene	10.87	164	126786	19.27	ug/l	97
65) Chlorobenzene	11.66	112	393685	20.86	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	119016	20.63	ug/l	98
67) Ethyl Benzene	11.74	91	696169	21.82	ug/l	99
68) m/p-Xylenes	11.85	106	565123	44.23	ug/l	100
69) o-Xylene	12.17	106	258934	21.92	ug/l	99
70) Styrene	12.19	104	427833	21.93	ug/l	99
71) Bromoform	12.35	173	63892	20.90	ug/l #	98
73) Isopropylbenzene	12.47	105	696746	21.80	ug/l	100
74) N-amyl acetate	12.28	43	138765	25.22	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	110753	22.77	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	144419	42.45	ug/l #	100
77) Bromobenzene	12.76	156	163401	20.75	ug/l	95
78) n-propylbenzene	12.81	91	873728	22.65	ug/l	99
79) 2-Chlorotoluene	12.90	91	492246	21.87	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	608197	22.01	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	33270	23.54	ug/l	99
82) 4-Chlorotoluene	12.99	91	526056	22.14	ug/l	98
83) tert-Butylbenzene	13.21	119	506680	21.96	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	620863	22.06	ug/l	99
85) sec-Butylbenzene	13.39	105	757560	22.34	ug/l	99
86) p-Isopropyltoluene	13.51	119	672517	22.40	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	339077	20.97	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	334284	20.84	ug/l	98
89) n-Butylbenzene	13.84	91	638402	22.95	ug/l	99
90) Hexachloroethane	14.10	117	102176	20.49	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	299300	21.23	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17369	22.85	ug/l	96

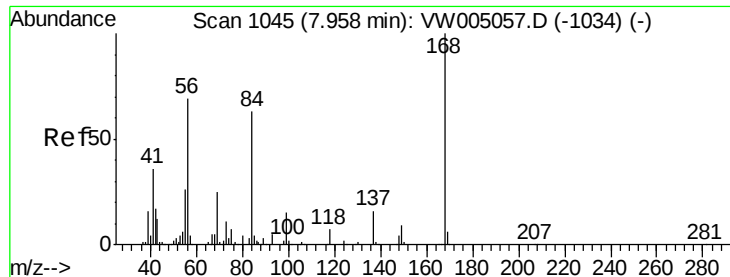
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090518\
Data File : VW005131.D
Acq On : 05 Sep 2018 16:12
Operator : SY/AP
Sample : VW0905SBSD01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBSD01

Quant Time: Sep 05 16:36:26 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	211793	22.41	ug/l	99
94) Hexachlorobutadiene	15.25	225	126909	21.59	ug/l	99
95) Naphthalene	15.38	128	351793	23.80	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	183766	22.72	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

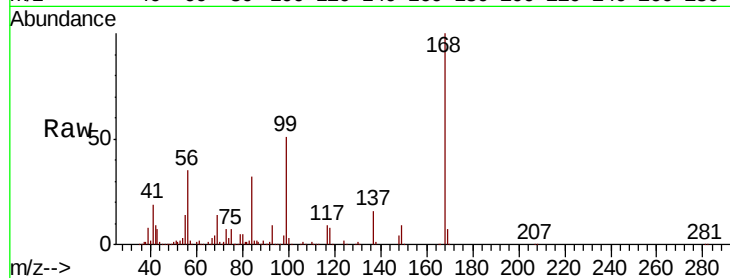
VW0905SBSD01

Tot Ion:168 Resp: 583793

Ion Ratio Lower Upper

168 100

99 51.4 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

250000

200000

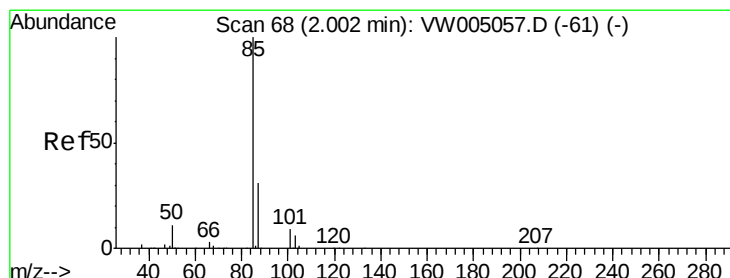
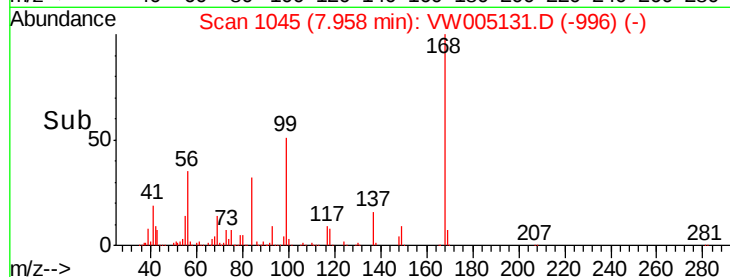
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 24.11 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW005131.D

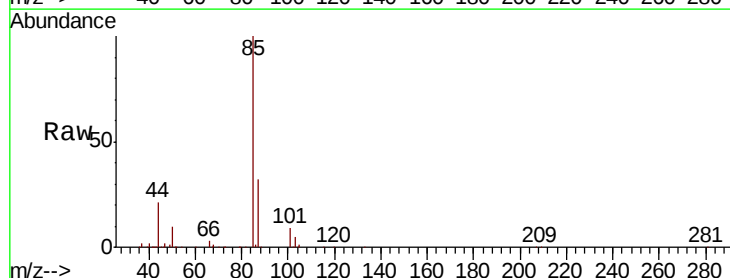
Acq: 05 Sep 2018 16:12

Tgt Ion: 85 Resp: 113414

Ion Ratio Lower Upper

85 100

87 31.8 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

80000

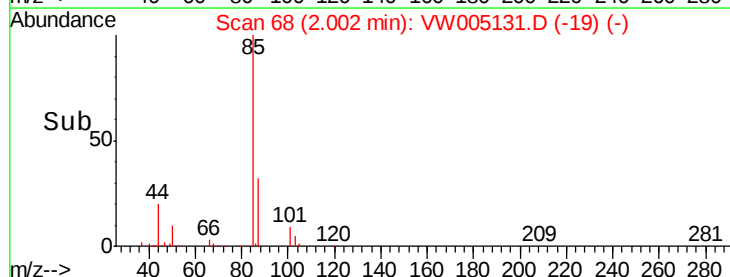
60000

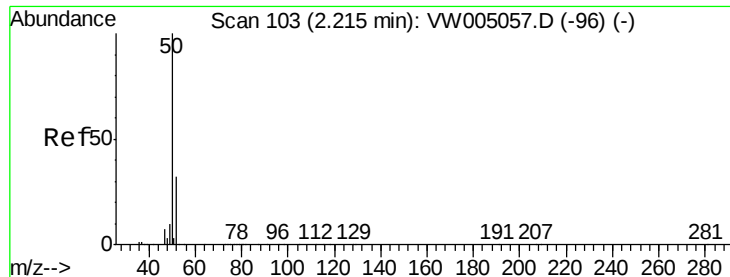
40000

20000

0

Time--> 1.90 1.95 2.00 2.05 2.10





#3

Chloromethane

Concen: 24.03 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.01 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

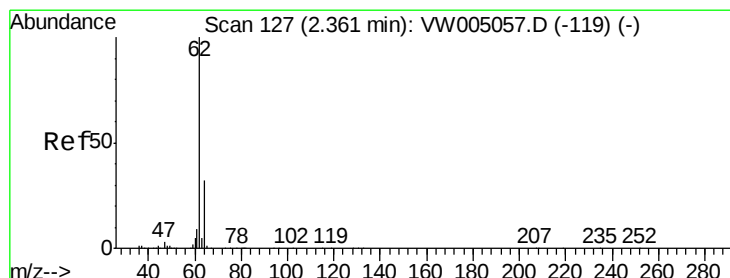
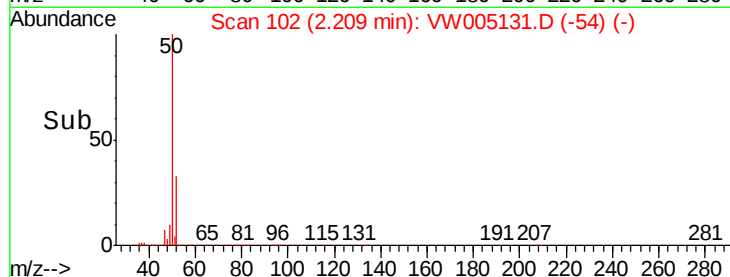
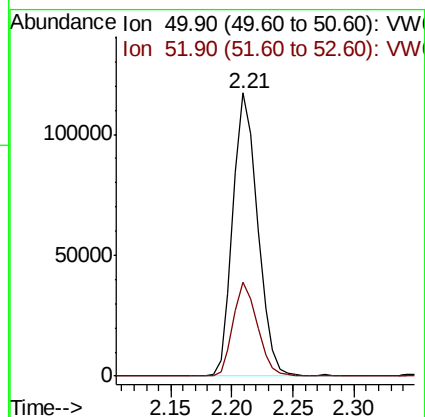
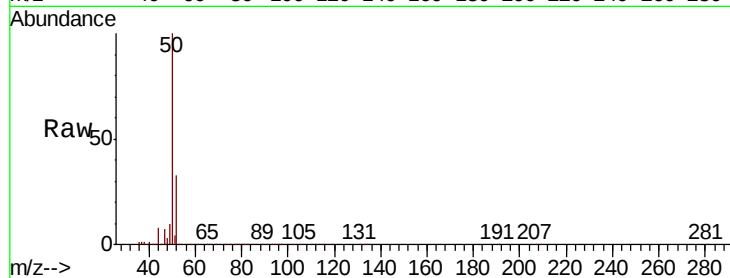
VW0905SBSD01

Tot Ion: 50 Resp: 164063

Ion Ratio Lower Upper

50 100

52 33.2 25.8 38.6



#4

Vinyl Chloride

Concen: 23.63 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.01 min

Lab File: VW005131.D

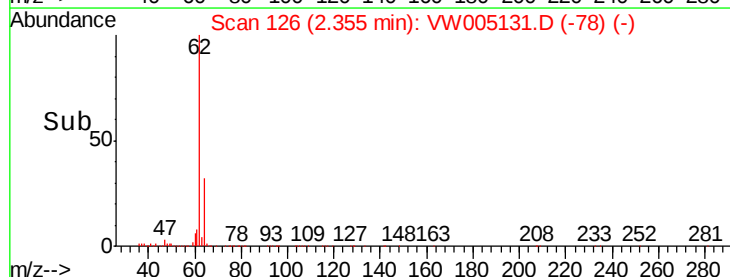
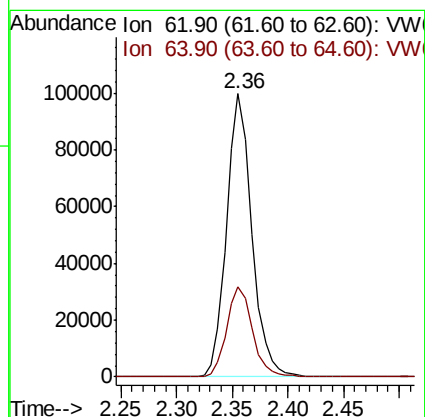
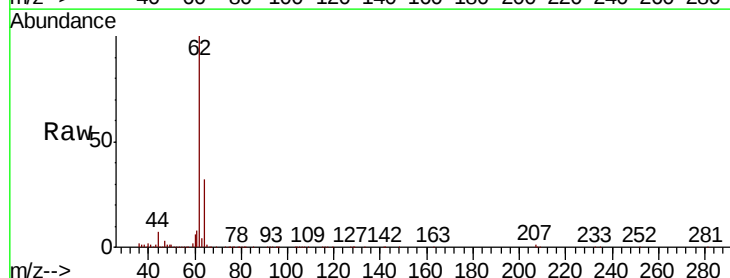
Acq: 05 Sep 2018 16:12

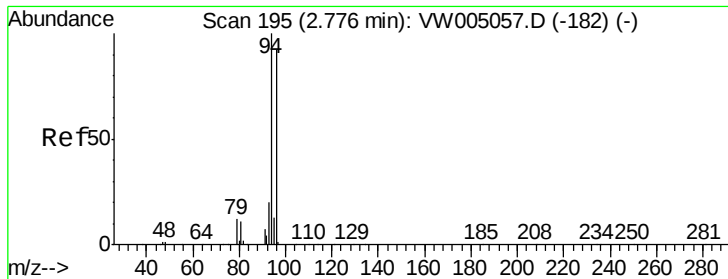
Tgt Ion: 62 Resp: 156854

Ion Ratio Lower Upper

62 100

64 31.7 25.6 38.4





#5

Bromomethane

Concen: 17.38 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

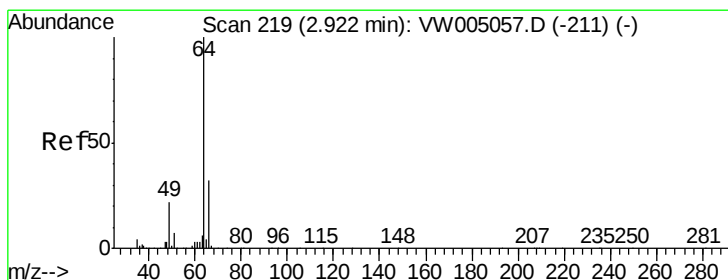
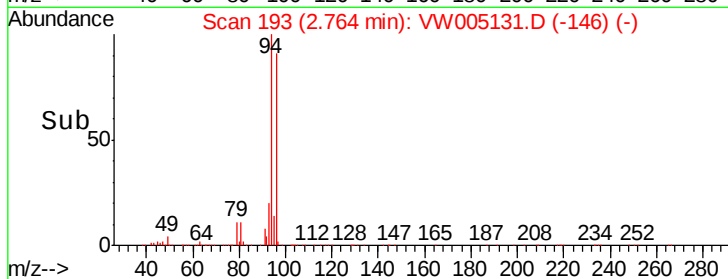
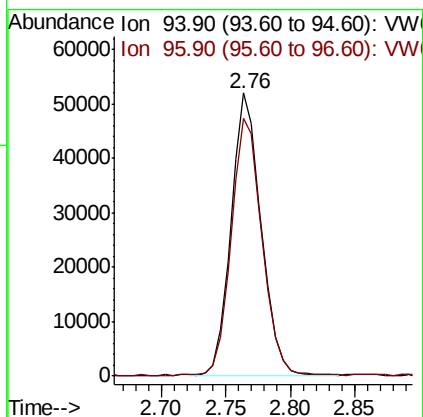
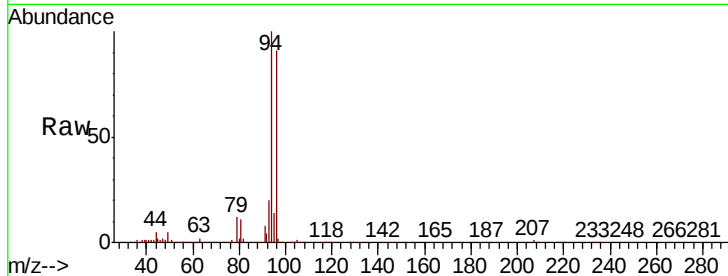
VW0905SBSD01

Tot Ion: 94 Resp: 83266

Ion Ratio Lower Upper

94 100

96 90.8 73.2 109.8



#6

Chloroethane

Concen: 22.44 ug/l

RT: 2.91 min Scan# 217

Delta R.T. -0.01 min

Lab File: VW005131.D

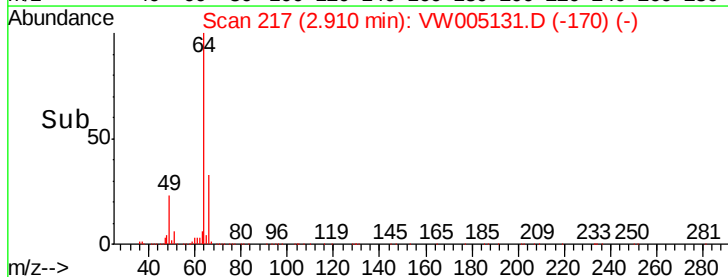
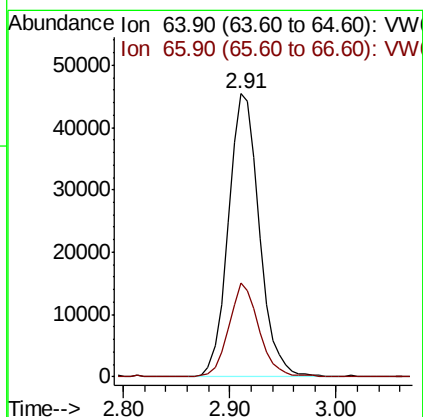
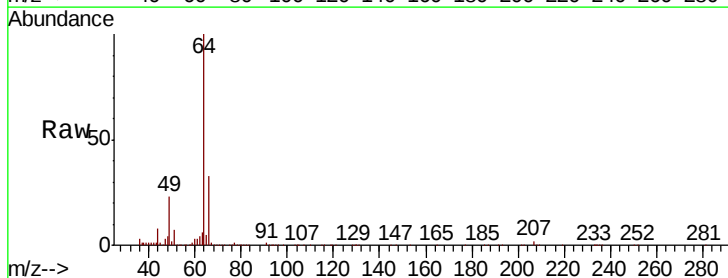
Acq: 05 Sep 2018 16:12

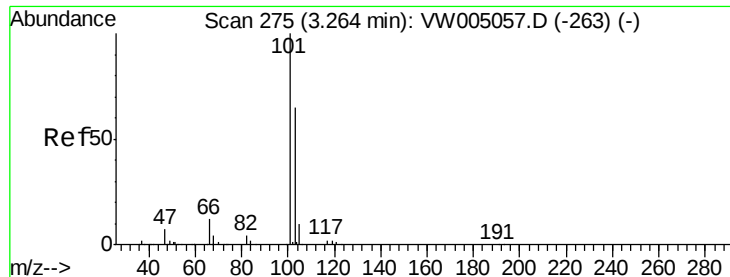
Tgt Ion: 64 Resp: 92746

Ion Ratio Lower Upper

64 100

66 32.8 25.7 38.5



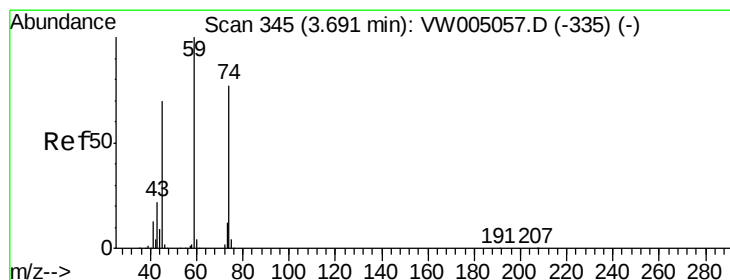
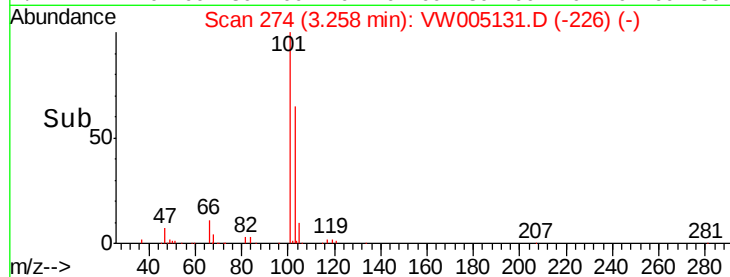
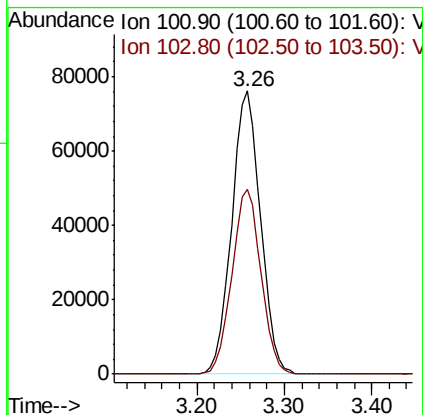
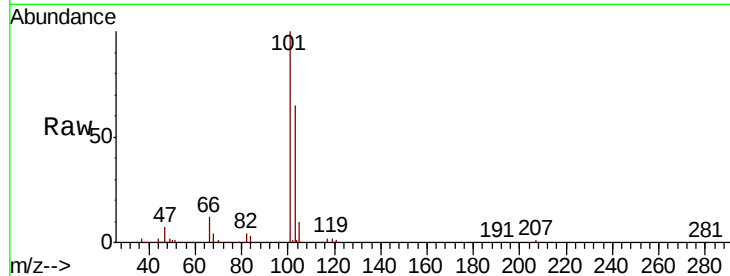


#7

Trichlorofluoromethane
Concen: 23.32 ug/l
RT: 3.26 min Scan# 274
Delta R.T. -0.01 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBSD01

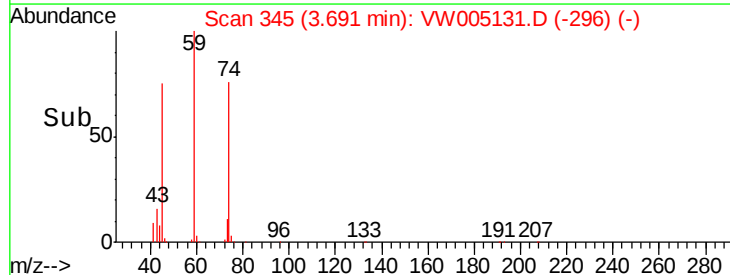
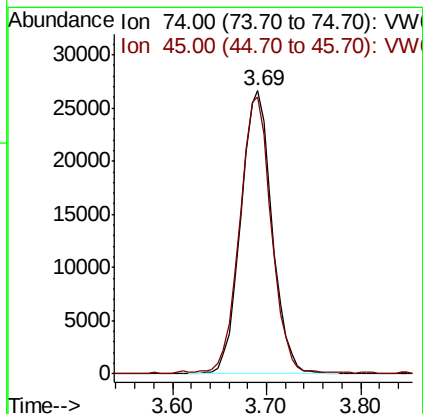
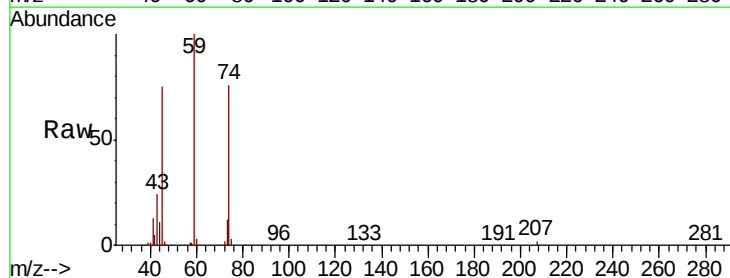
Tot Ion:101 Resp: 174152
Ion Ratio Lower Upper
101 100
103 65.3 51.9 77.9

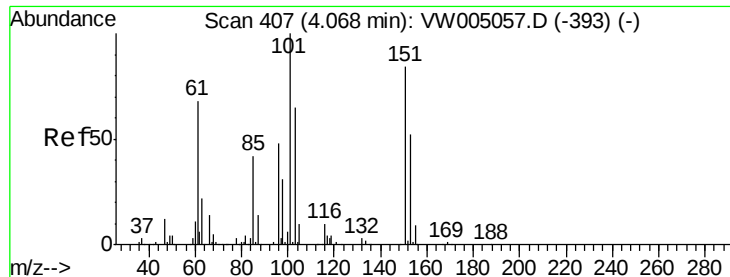


#8

Diethyl Ether
Concen: 22.86 ug/l
RT: 3.69 min Scan# 345
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Tgt Ion: 74 Resp: 61775
Ion Ratio Lower Upper
74 100
45 98.9 46.0 137.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.23 ug/l

RT: 4.06 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBSD01

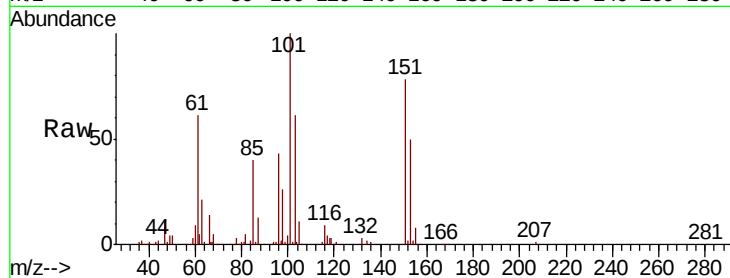
Tot Ion:101 Resp: 119166

Ion Ratio Lower Upper

101 100

85 42.1 33.0 49.6

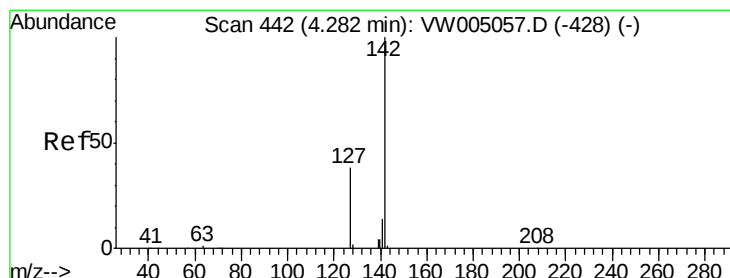
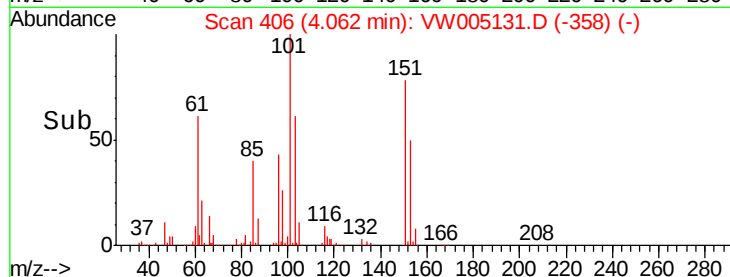
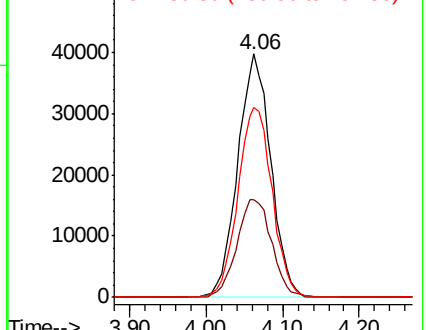
151 80.5 67.0 100.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.54 ug/l

RT: 4.27 min Scan# 440

Delta R.T. -0.01 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

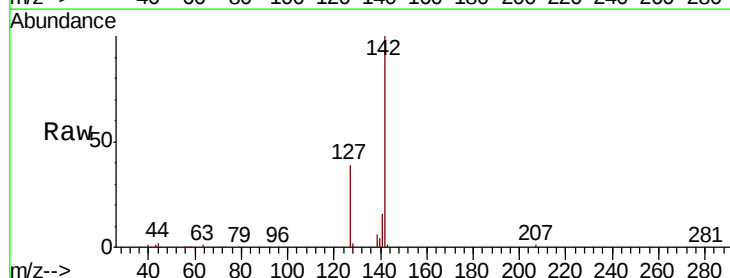
Tgt Ion:142 Resp: 122220

Ion Ratio Lower Upper

142 100

127 38.6 30.8 46.2

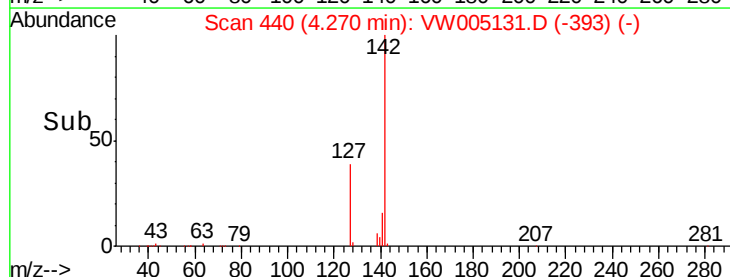
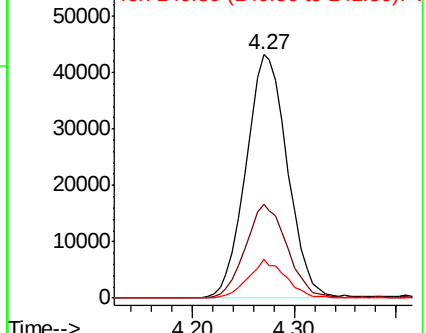
141 14.4 11.6 17.4

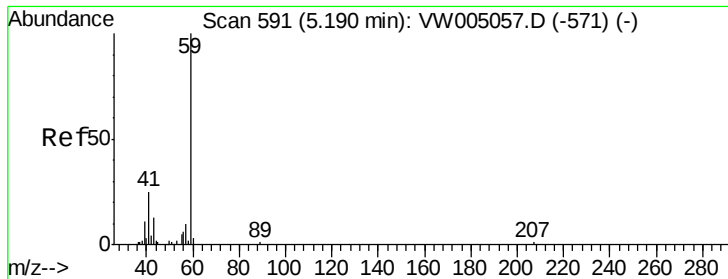


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



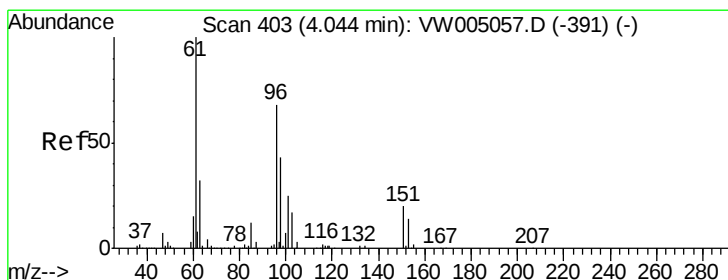
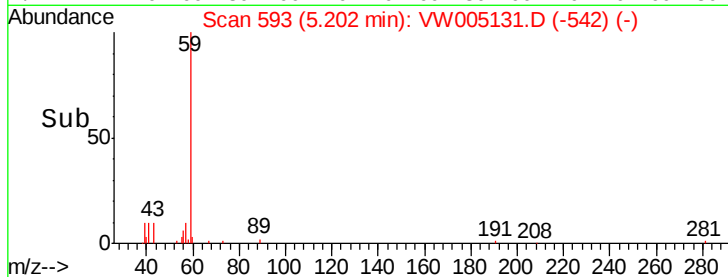
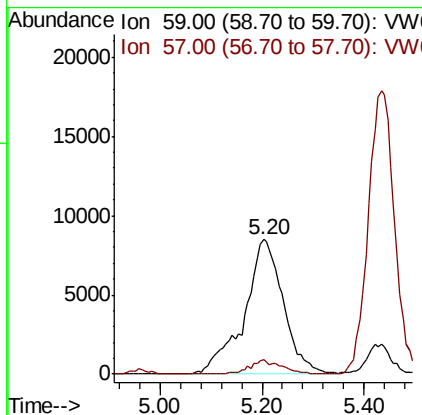
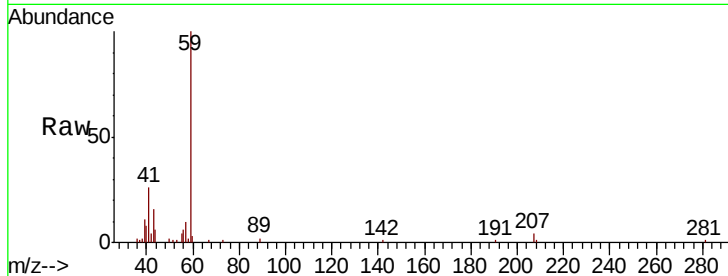


#11

Tert butyl alcohol
 Concen: 166.93 ug/l
 RT: 5.20 min Scan# 593
 Delta R.T. 0.01 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBSD01

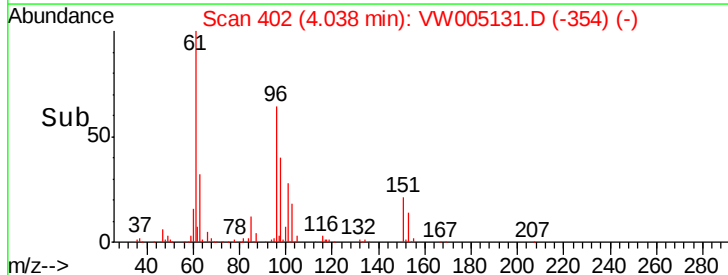
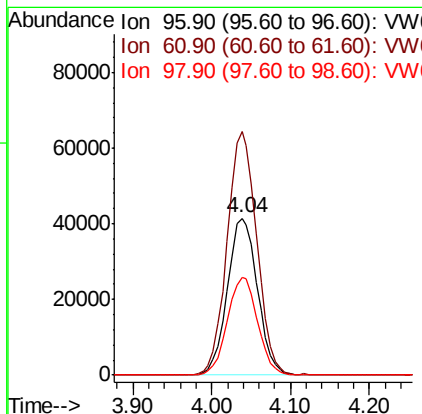
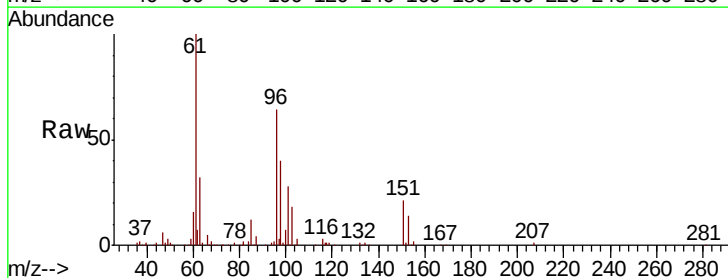
Tot Ion: 59 Resp: 45326
 Ion Ratio Lower Upper
 59 100
 57 8.3 8.6 12.8#

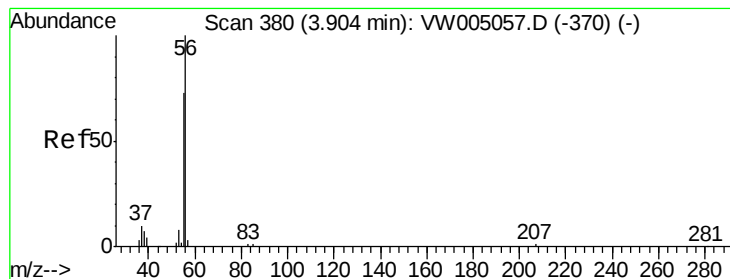


#12

1,1-Dichloroethene
 Concen: 23.32 ug/l
 RT: 4.04 min Scan# 402
 Delta R.T. -0.01 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

Tgt Ion: 96 Resp: 110088
 Ion Ratio Lower Upper
 96 100
 61 155.3 117.4 176.0
 98 62.3 51.0 76.4





#13

Acrolein

Concen: 123.78 ug/l

RT: 3.90 min Scan# 380

Delta R.T. 0.00 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

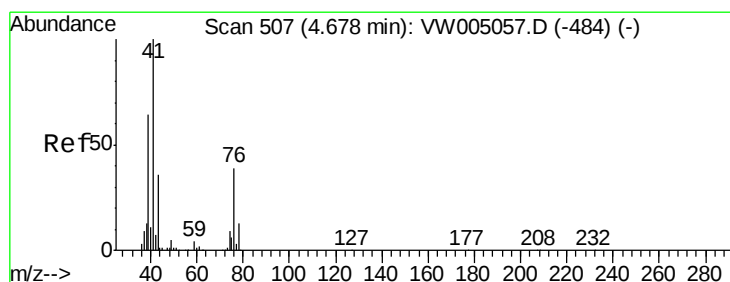
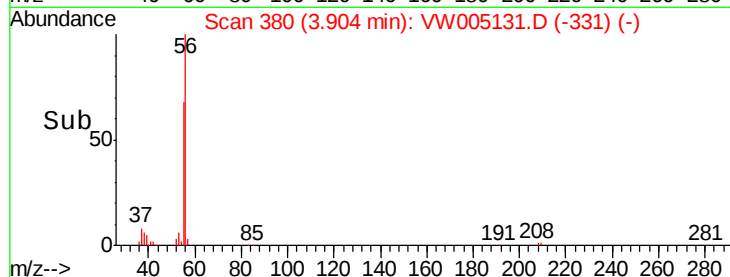
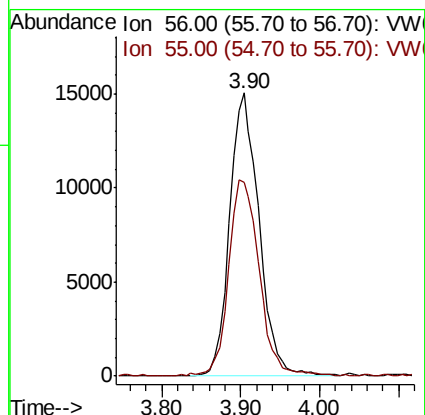
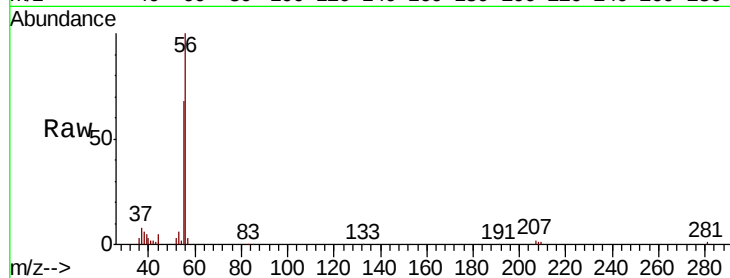
VW0905SBSD01

Tot Ion: 56 Resp: 38882

Ion Ratio Lower Upper

56 100

55 72.7 58.1 87.1



#14

Allyl chloride

Concen: 23.74 ug/l

RT: 4.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

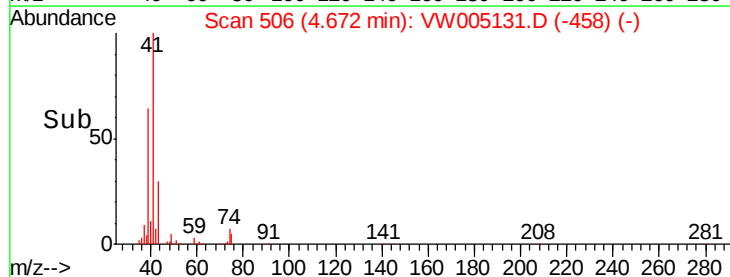
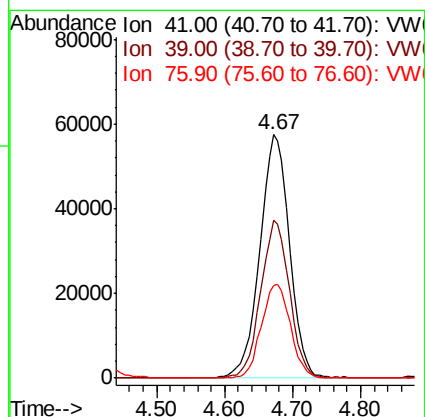
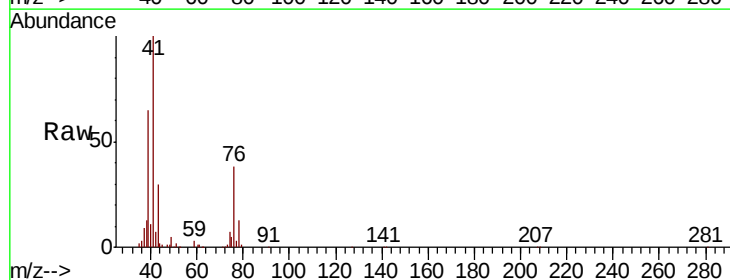
Tgt Ion: 41 Resp: 175167

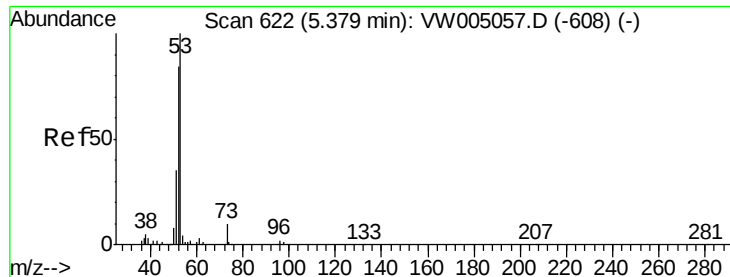
Ion Ratio Lower Upper

41 100

39 63.1 49.4 74.2

76 37.7 31.8 47.6



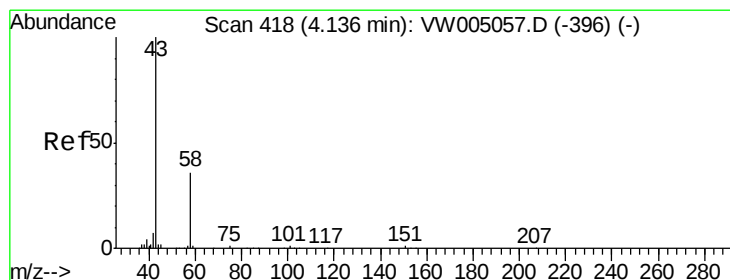
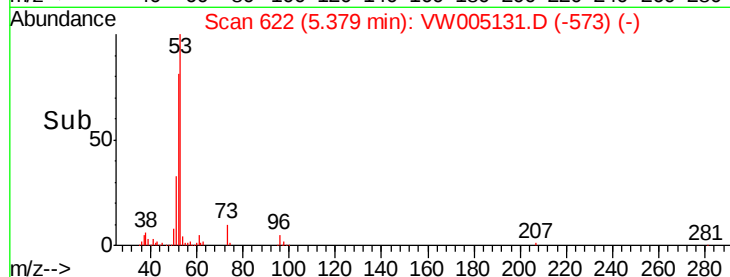
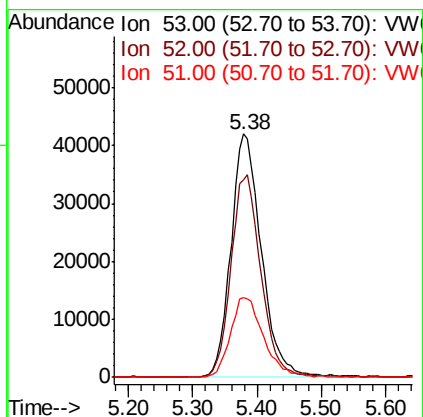
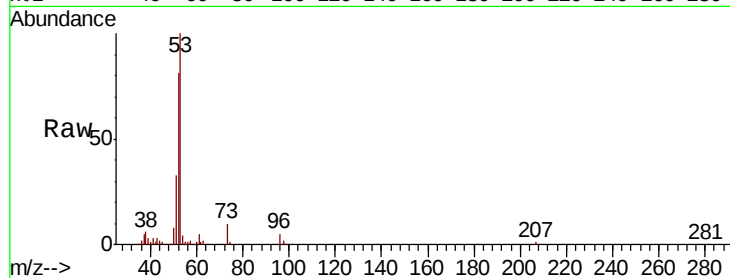


#15
 Acrylonitrile
 Concen: 121.39 ug/l
 RT: 5.38 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0905SBS01

Tot Ion: 53 Resp: 138346

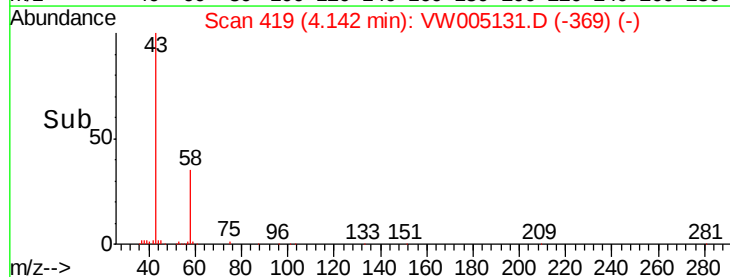
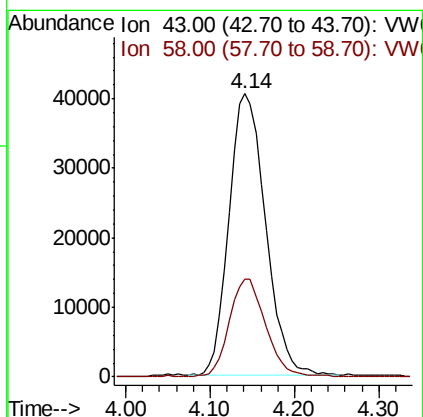
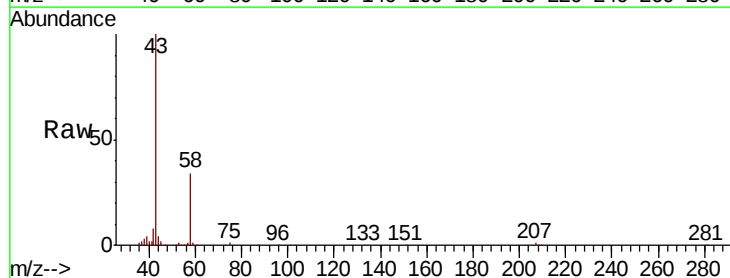
Ion	Ratio	Lower	Upper
53	100		
52	81.4	65.7	98.5
51	35.5	28.8	43.2

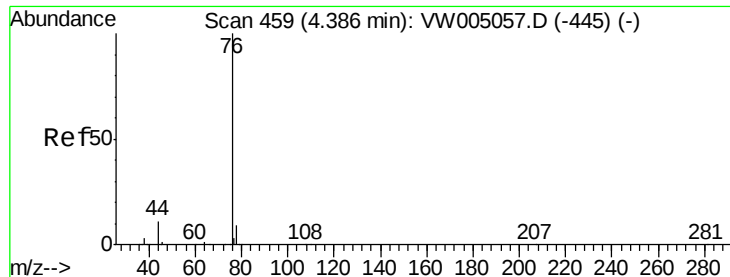


#16
 Acetone
 Concen: 123.06 ug/l
 RT: 4.14 min Scan# 419
 Delta R.T. 0.01 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

Tgt Ion: 43 Resp: 119436

Ion	Ratio	Lower	Upper
43	100		
58	34.4	29.0	43.6





#17

Carbon Disulfide

Concen: 23.11 ug/l

RT: 4.38 min Scan# 458

Delta R.T. -0.01 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

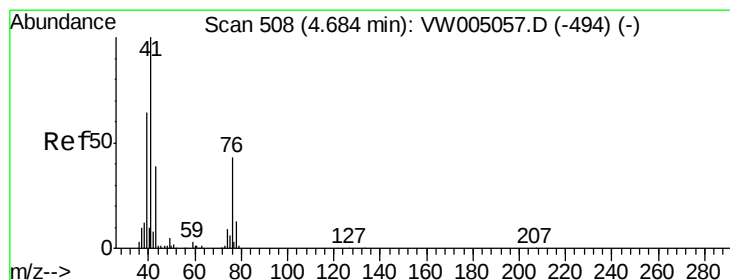
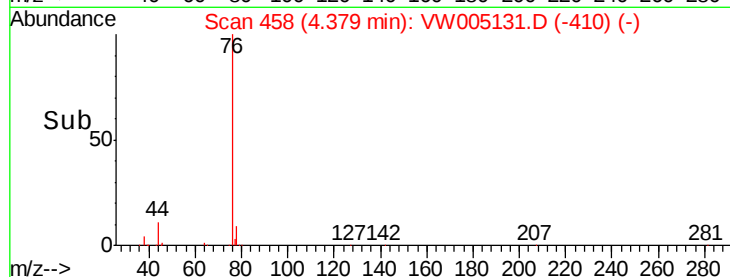
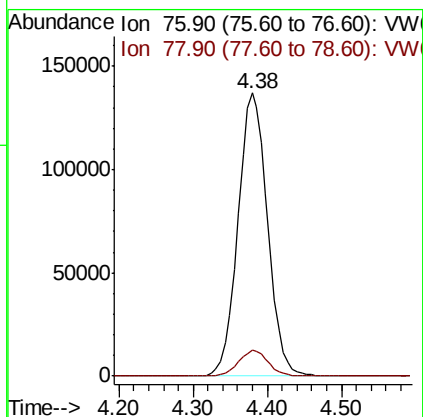
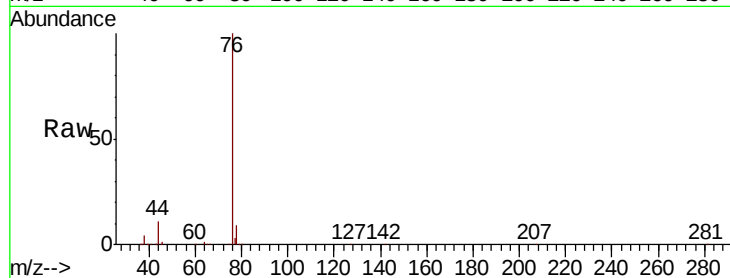
VW0905SBSD01

Tot Ion: 76 Resp: 380167

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



#18

Methyl Acetate

Concen: 21.73 ug/l

RT: 4.68 min Scan# 508

Delta R.T. 0.00 min

Lab File: VW005131.D

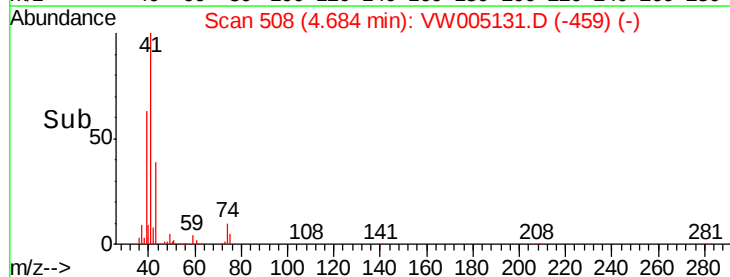
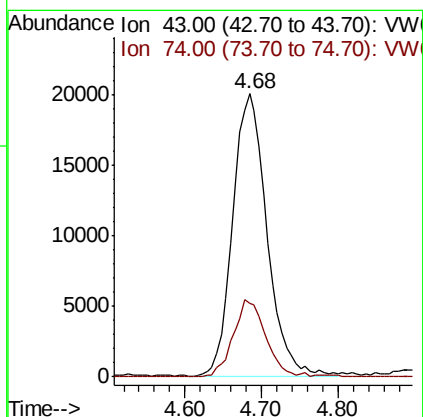
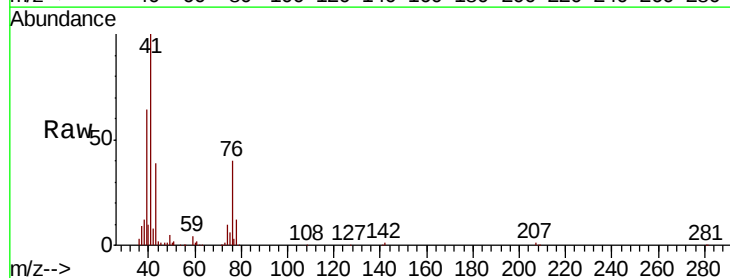
Acq: 05 Sep 2018 16:12

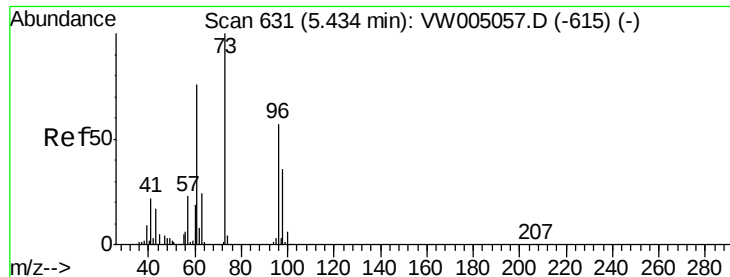
Tgt Ion: 43 Resp: 62044

Ion Ratio Lower Upper

43 100

74 26.3 20.7 31.1



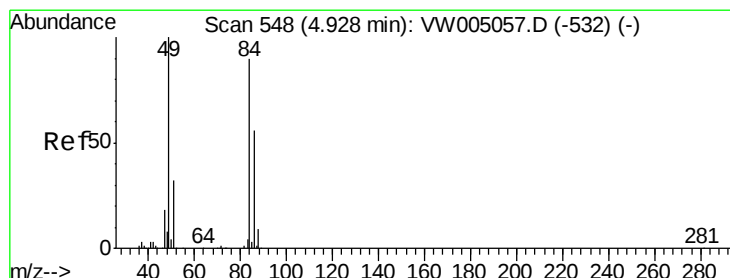
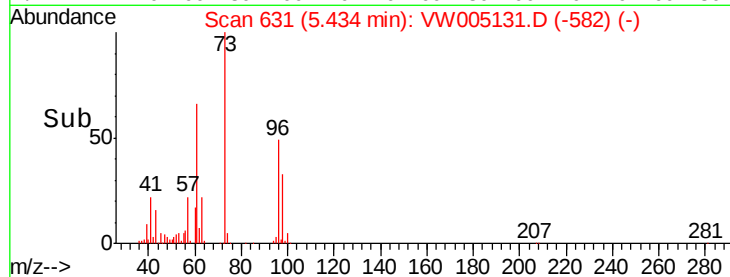
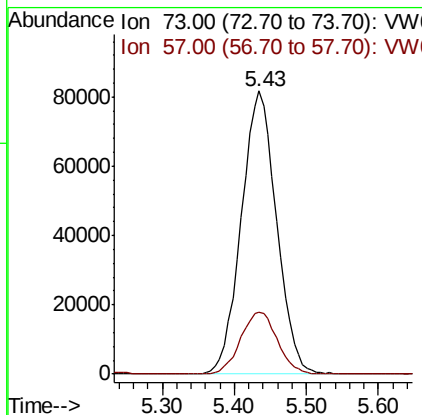
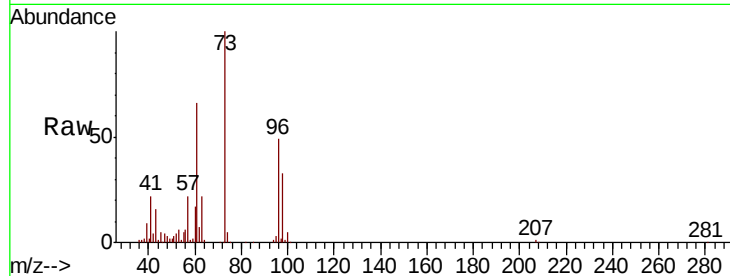


#19

Methyl tert-butyl Ether
 Concen: 24.25 ug/l
 RT: 5.43 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBSD01

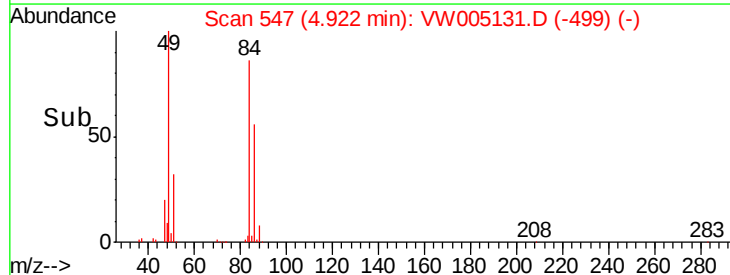
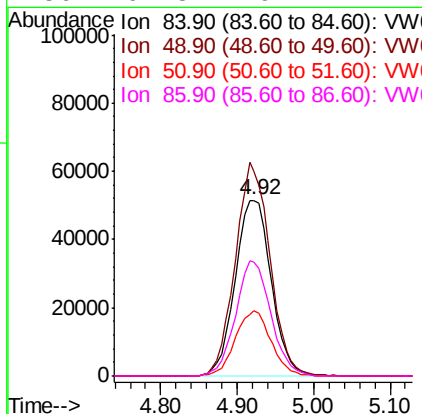
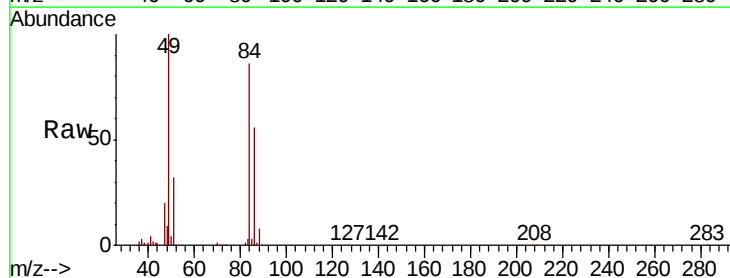
Tot Ion: 73 Resp: 277958
 Ion Ratio Lower Upper
 73 100
 57 21.9 18.1 27.1

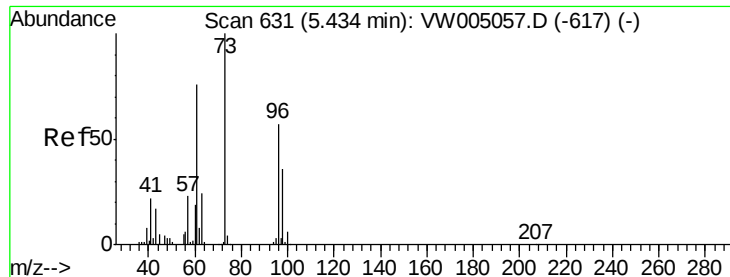


#20

Methylene Chloride
 Concen: 23.70 ug/l
 RT: 4.92 min Scan# 547
 Delta R.T. -0.01 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

Tgt Ion: 84 Resp: 168835
 Ion Ratio Lower Upper
 84 100
 49 116.4 88.7 133.1
 51 37.4 28.6 42.8
 86 64.8 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 21.76 ug/l

RT: 5.43 min Scan# 630

Delta R.T. -0.01 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBSD01

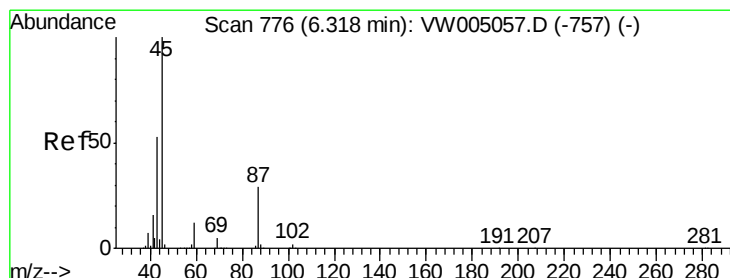
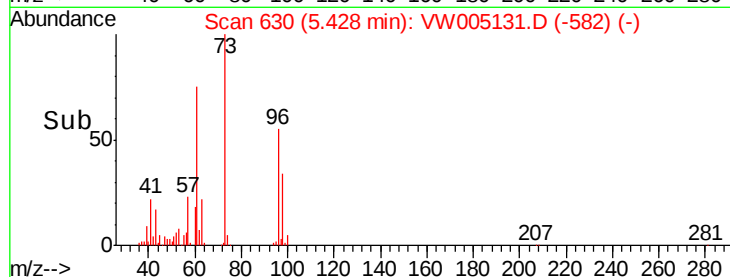
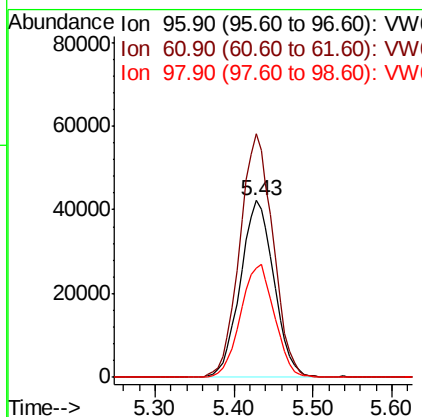
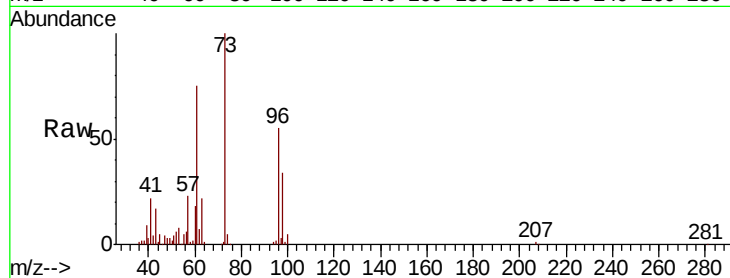
Tot Ion: 96 Resp: 125141

Ion Ratio Lower Upper

96 100

61 137.6 106.3 159.5

98 62.1 50.9 76.3



#22

Diisopropyl ether

Concen: 23.75 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.00 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Tgt Ion: 45 Resp: 368840

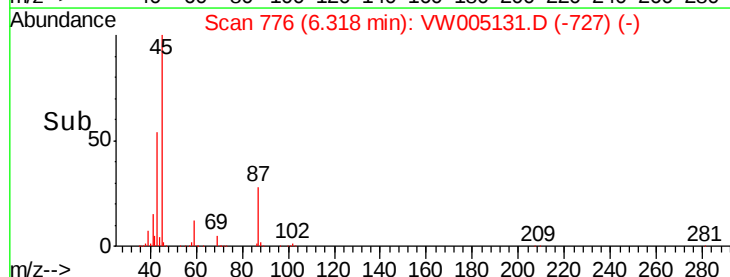
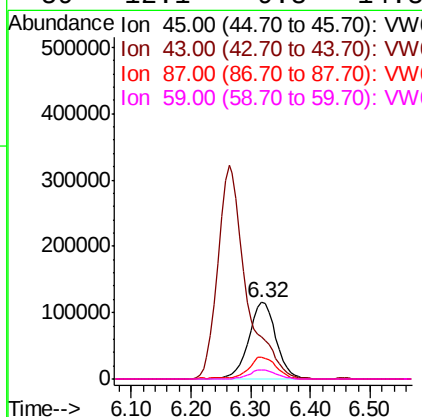
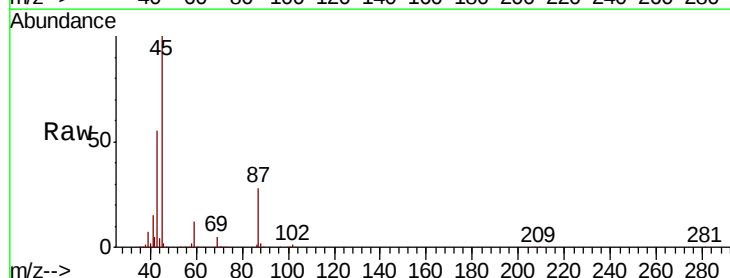
Ion Ratio Lower Upper

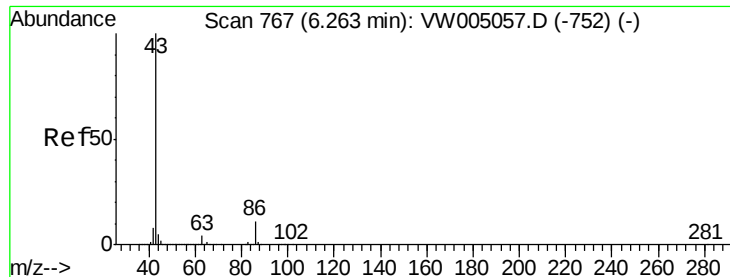
45 100

43 54.5 42.6 63.8

87 28.2 23.6 35.4

59 12.1 9.8 14.8





#23

Vinyl Acetate

Concen: 129.98 ug/l

RT: 6.26 min Scan# 767

Delta R.T. 0.00 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

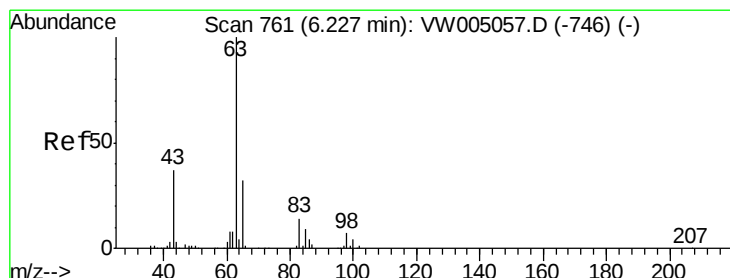
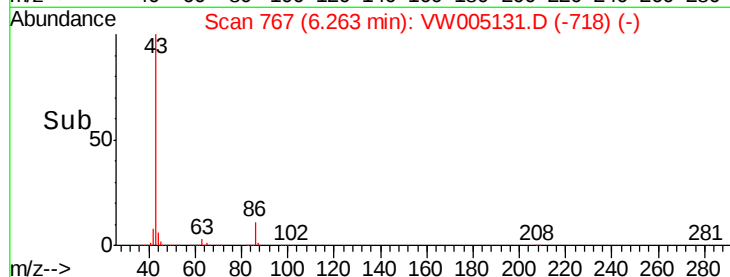
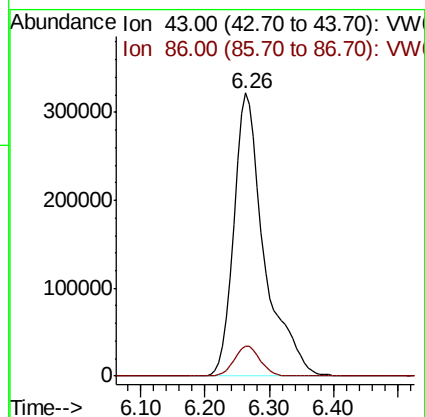
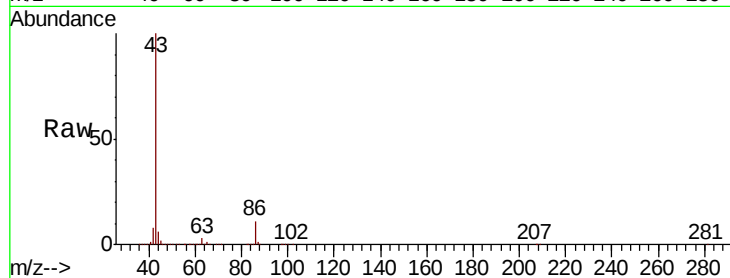
VW0905SBSD01

Tot Ion: 43 Resp: 1060187

Ion Ratio Lower Upper

43 100

86 10.7 9.0 13.4



#24

1,1-Dichloroethane

Concen: 22.63 ug/l

RT: 6.22 min Scan# 760

Delta R.T. -0.01 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

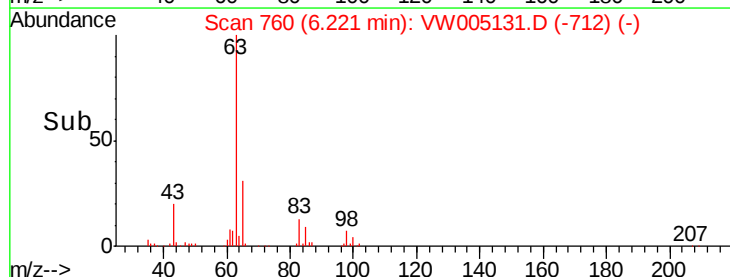
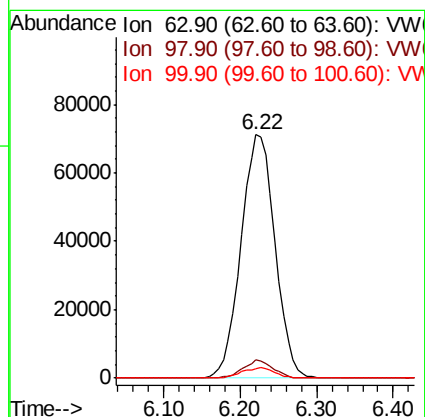
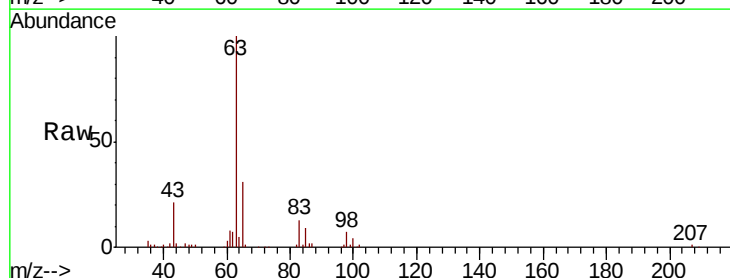
Tgt Ion: 63 Resp: 219619

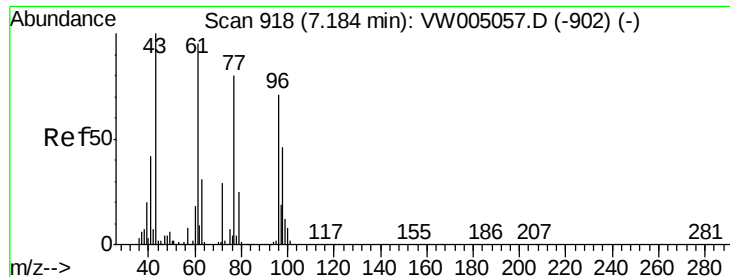
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

100 4.0 2.2 6.6

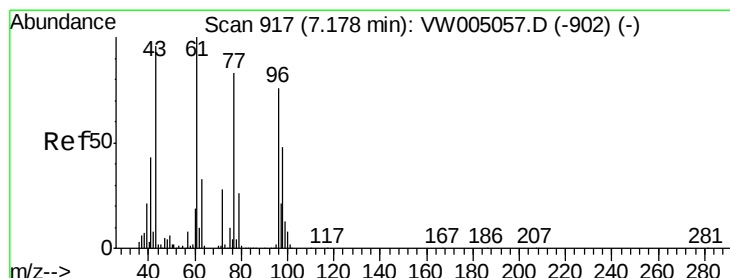
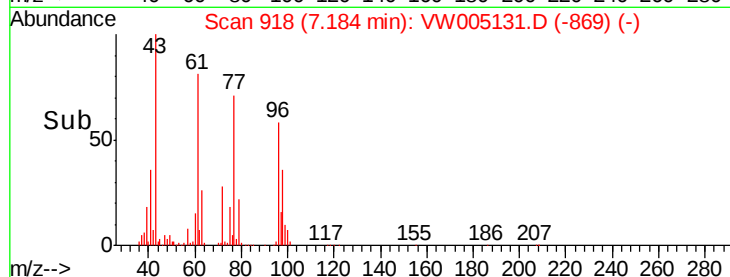
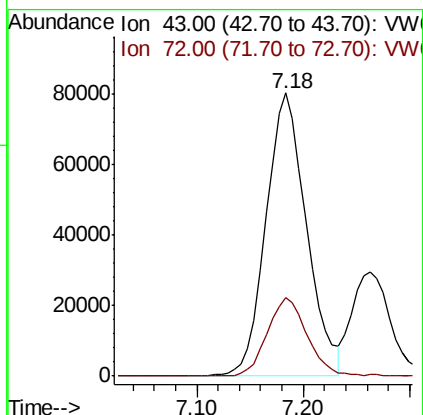
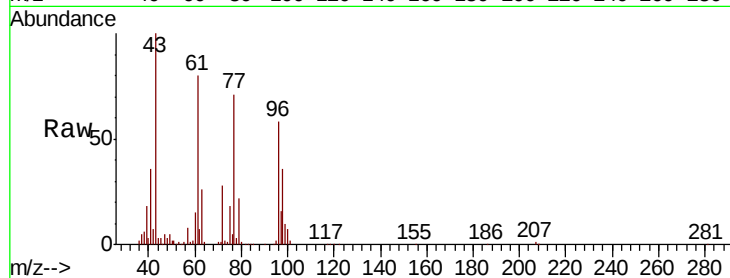




#25
2-Butanone
Concen: 126.39 ug/l
RT: 7.18 min Scan# 918
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

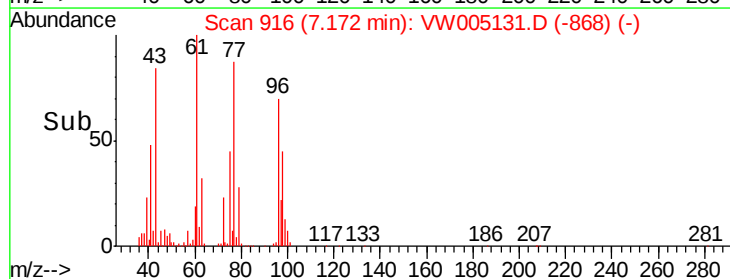
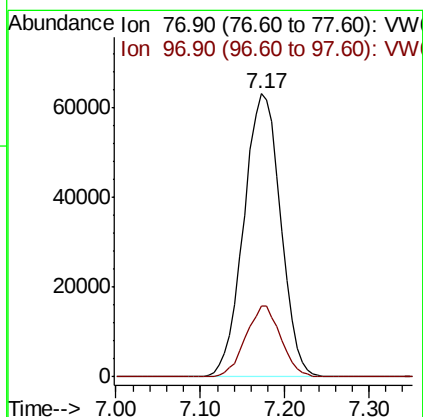
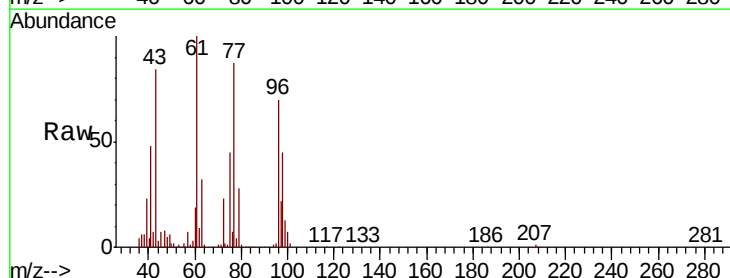
Instrument :
MSVOA_W
ClientSampleId :
VW0905SBSD01

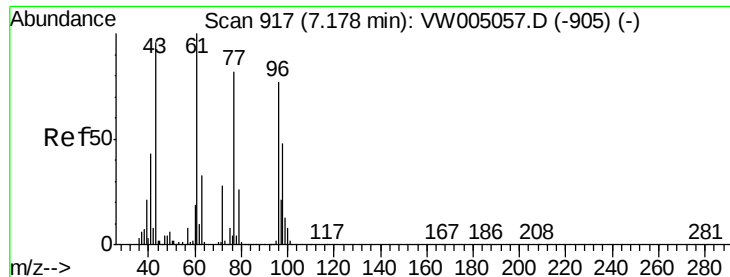
Tot Ion: 43 Resp: 212755
Ion Ratio Lower Upper
43 100
72 27.6 23.1 34.7



#26
2,2-Dichloropropane
Concen: 23.56 ug/l
RT: 7.17 min Scan# 916
Delta R.T. -0.01 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Tgt Ion: 77 Resp: 187894
Ion Ratio Lower Upper
77 100
97 23.8 12.2 36.6



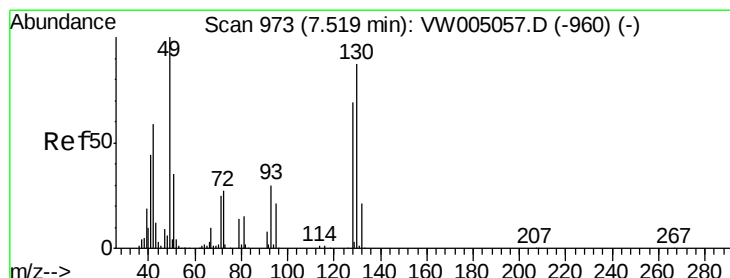
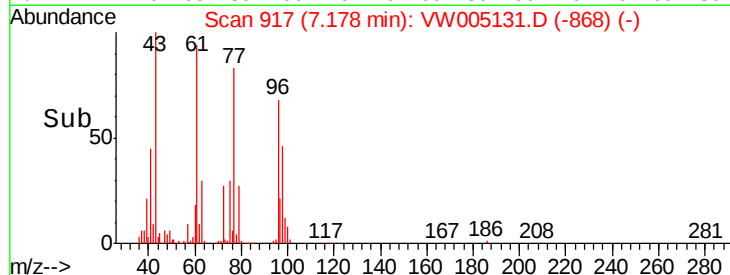
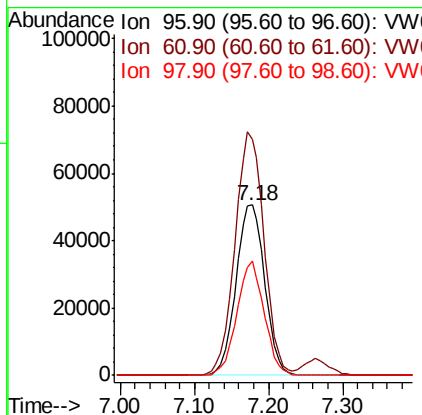
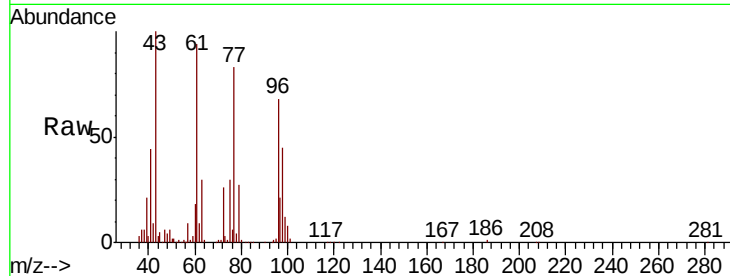


#27

cis-1,2-Dichloroethene
Concen: 21.78 ug/l
RT: 7.18 min Scan# 917
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBSD01

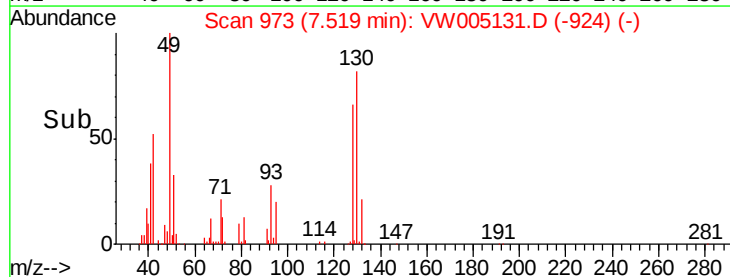
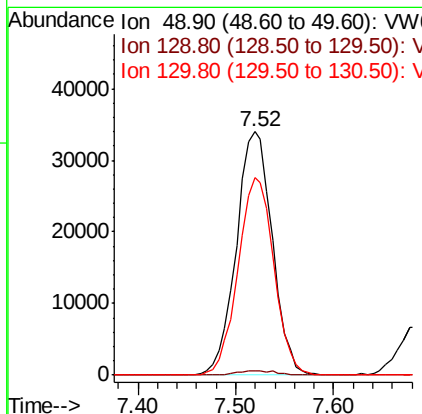
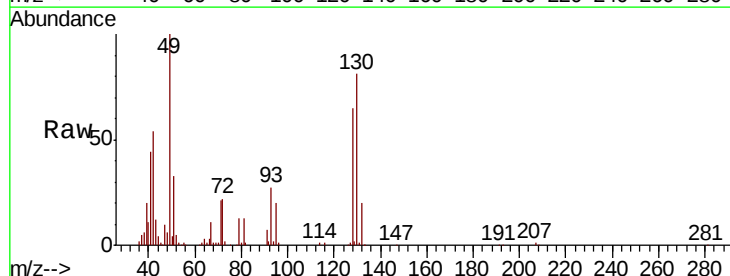
Tot Ion	Ratio	Lower	Upper
96	100		
61	144.2	0.0	273.2
98	63.6	0.0	127.8

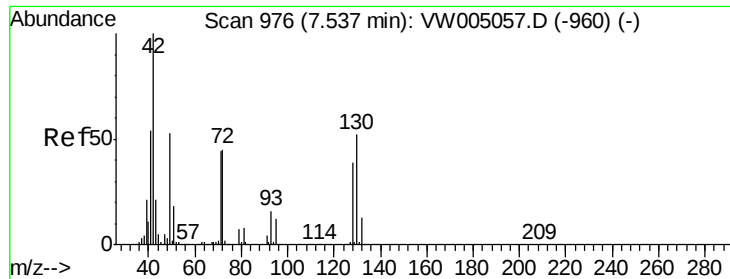


#28

Bromochloromethane
Concen: 22.16 ug/l
RT: 7.52 min Scan# 973
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.4
130	80.7	69.6	104.4





#29

Tetrahydrofuran

Concen: 123.31 ug/l

RT: 7.54 min Scan# 976

Delta R.T. 0.00 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBSD01

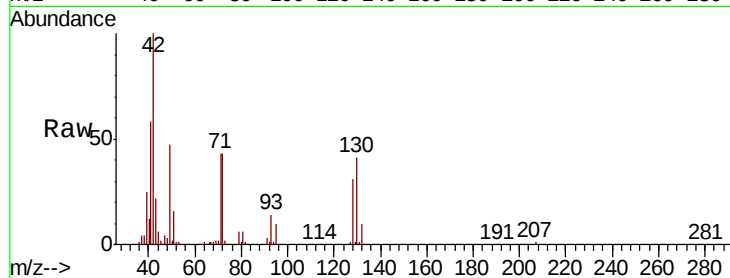
Tot Ion: 42 Resp: 106059

Ion Ratio Lower Upper

42 100

72 45.1 37.0 55.4

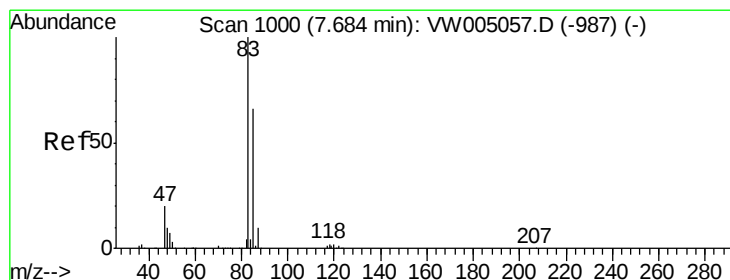
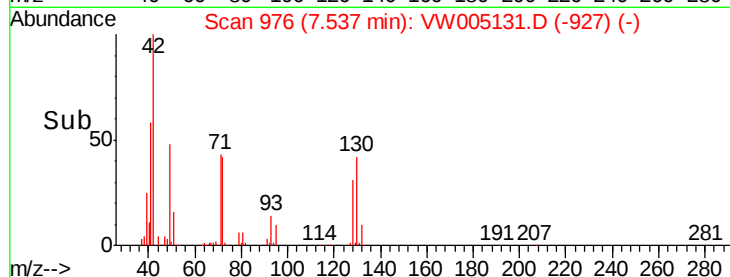
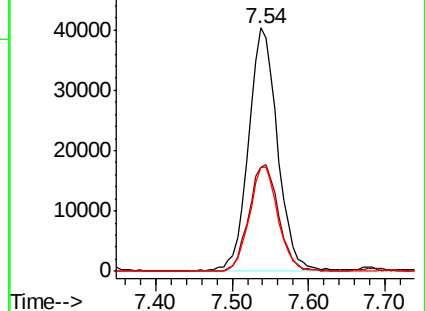
71 42.3 35.0 52.6



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 21.49 ug/l

RT: 7.68 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VW005131.D

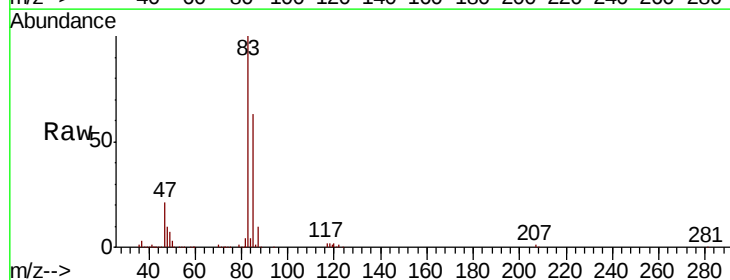
Acq: 05 Sep 2018 16:12

Tgt Ion: 83 Resp: 212851

Ion Ratio Lower Upper

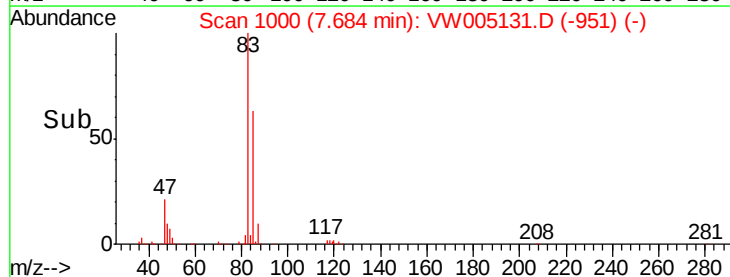
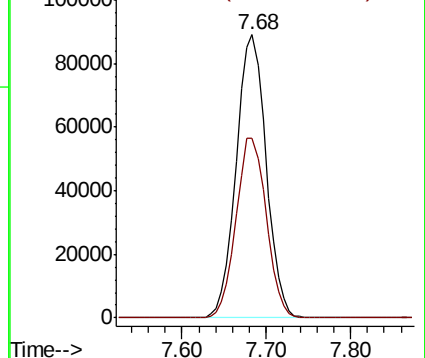
83 100

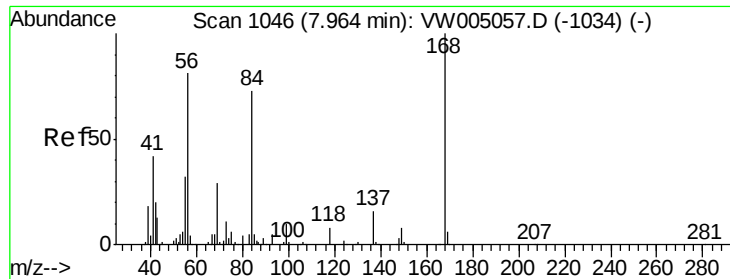
85 63.4 53.1 79.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

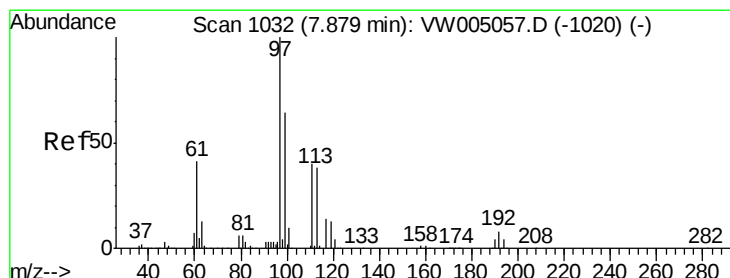
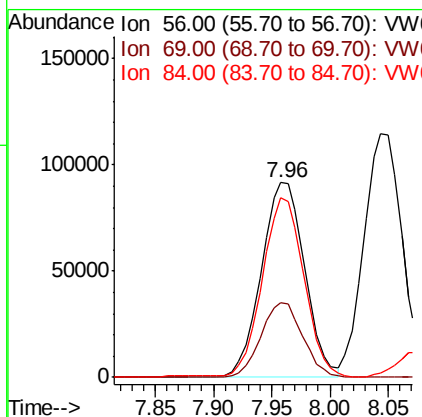
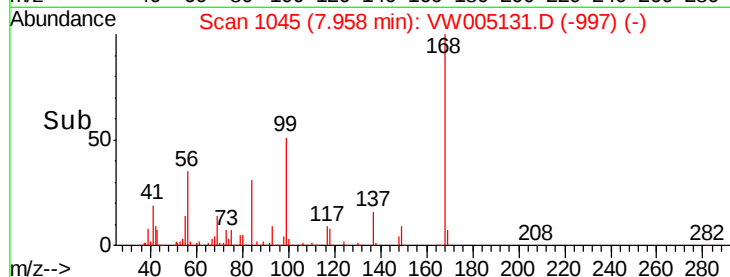
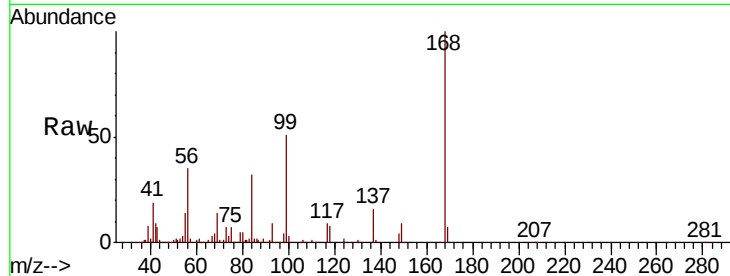




#31
Cyclohexane
Concen: 24.92 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.01 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

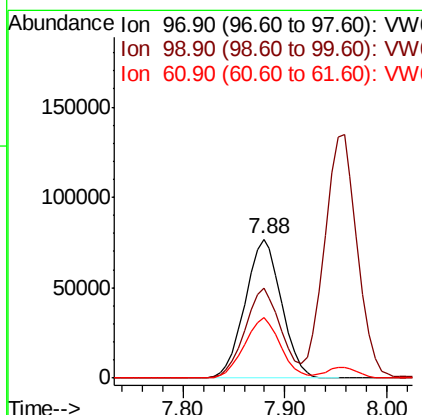
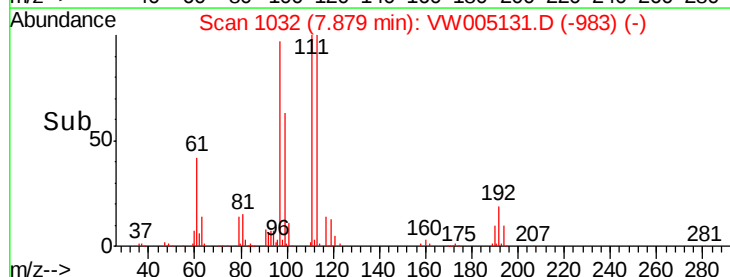
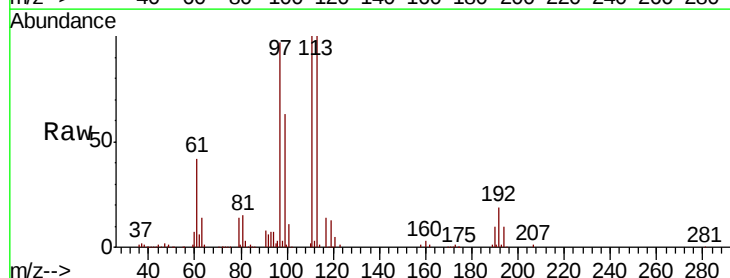
Instrument :
MSVOA_W
ClientSampleId :
VW0905SBSD01

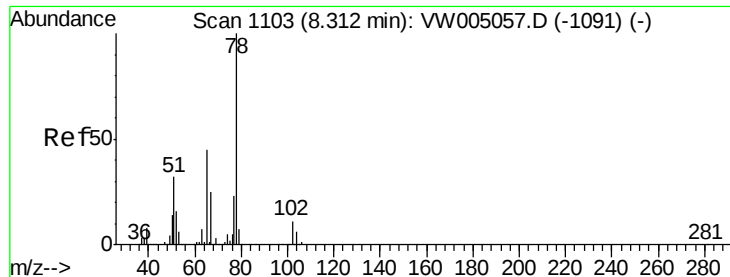
Tot Ion: 56 Resp: 236881
Ion Ratio Lower Upper
56 100
69 38.7 28.2 42.2
84 90.9 71.8 107.8



#32
1,1,1-Trichloroethane
Concen: 21.97 ug/l
RT: 7.88 min Scan# 1032
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Tgt Ion: 97 Resp: 189568
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.8
61 42.9 33.2 49.8

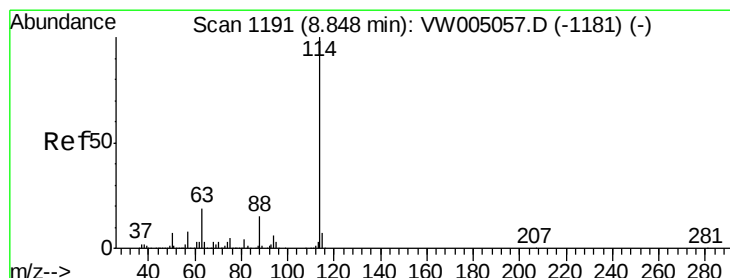
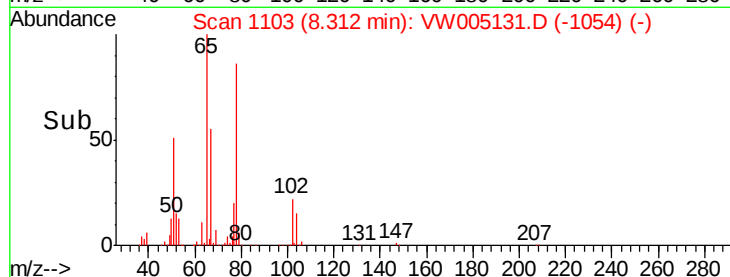
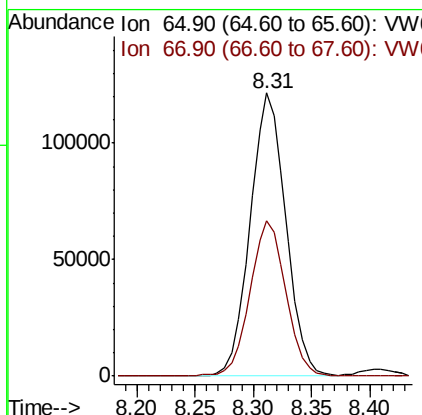
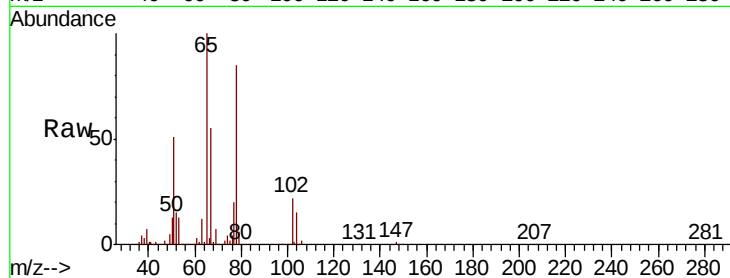




#33
 1,2-Dichloroethane-d4
 Concen: 53.58 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

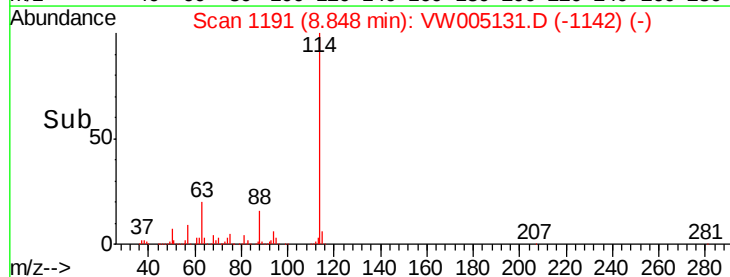
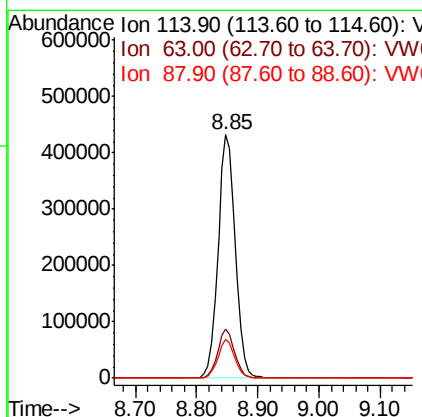
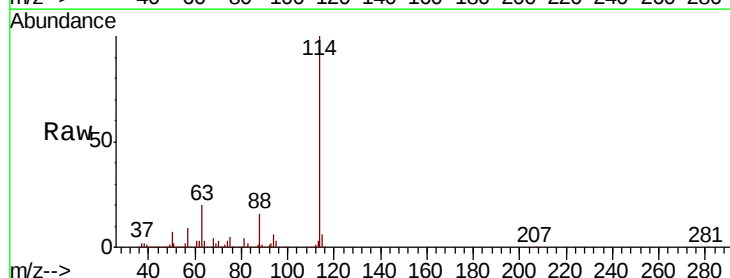
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBSD01

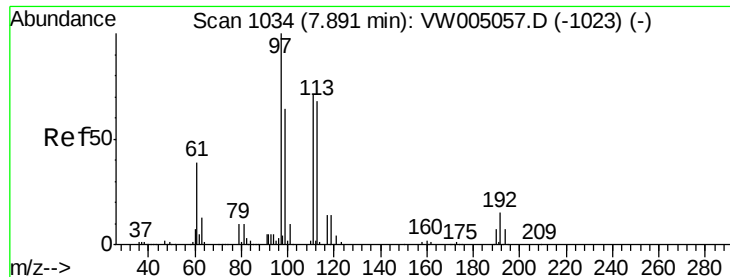
Tot Ion: 65 Resp: 259288
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

Tgt Ion: 114 Resp: 852814
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.0
 88 15.8 0.0 30.2

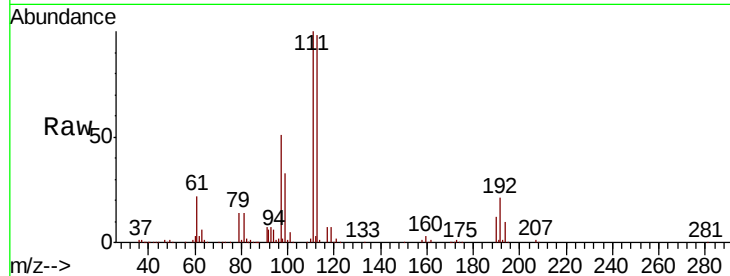




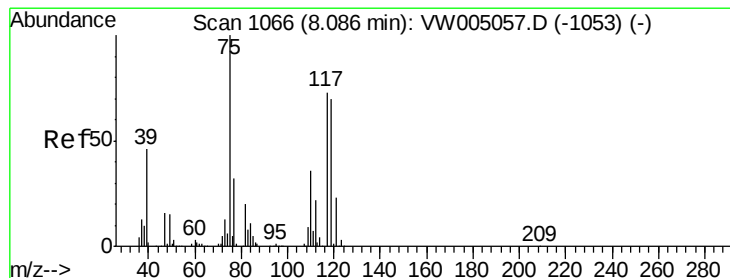
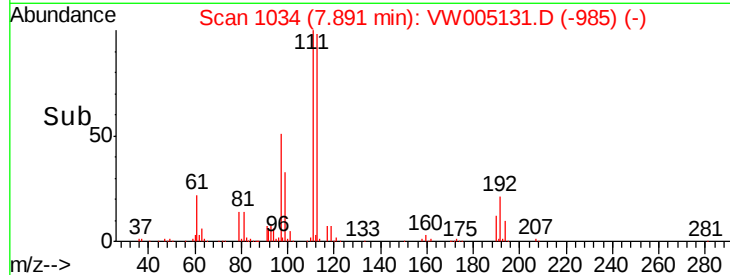
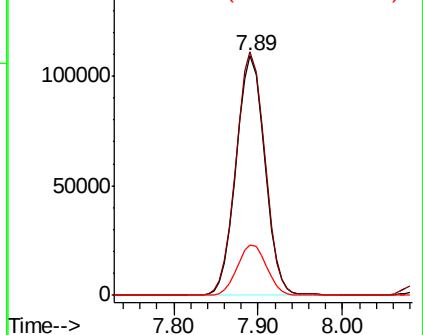
#35
 Dibromofluoromethane
 Concen: 50.87 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.2	123.2
192	21.7	18.1	27.1

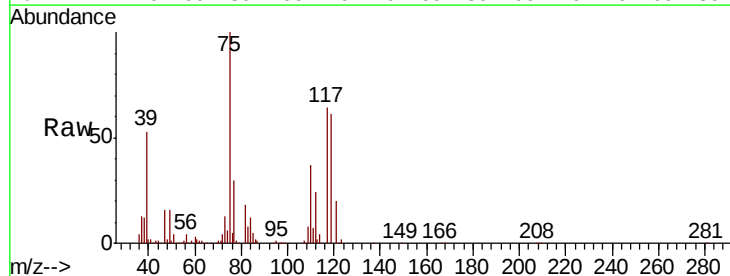


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

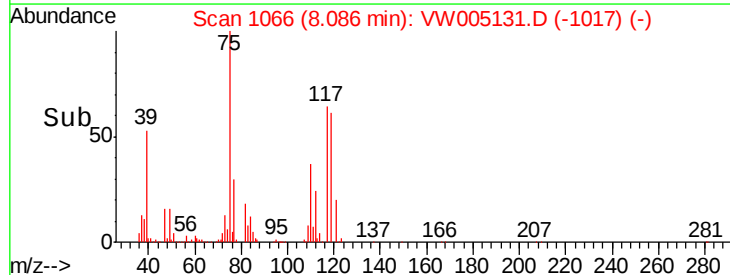
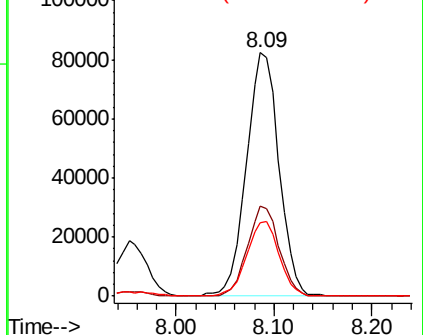


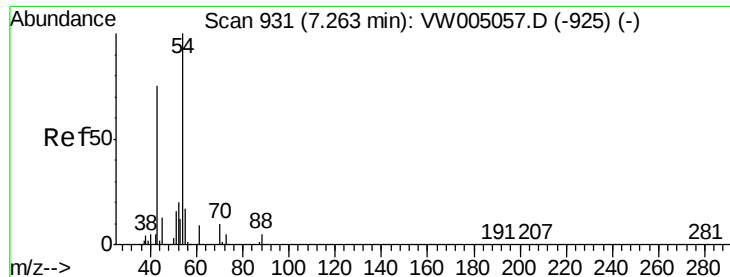
#36
 1,1-Dichloropropene
 Concen: 23.30 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.3	18.9	56.7
77	30.9	25.5	38.3



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

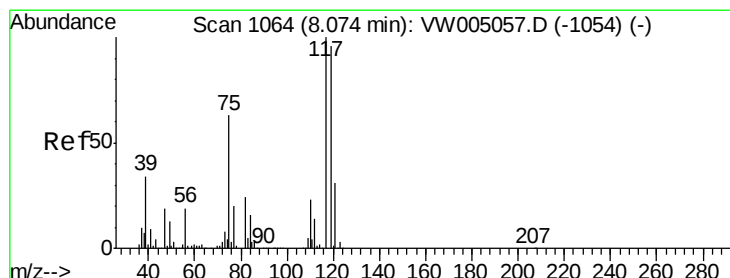
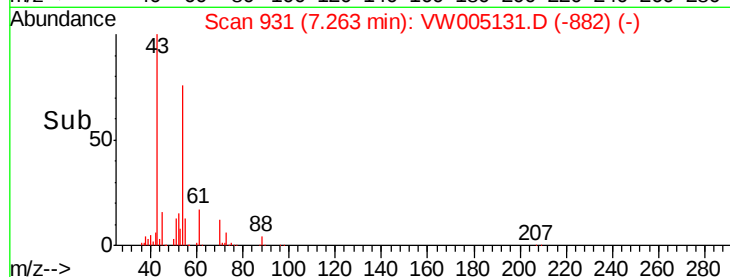
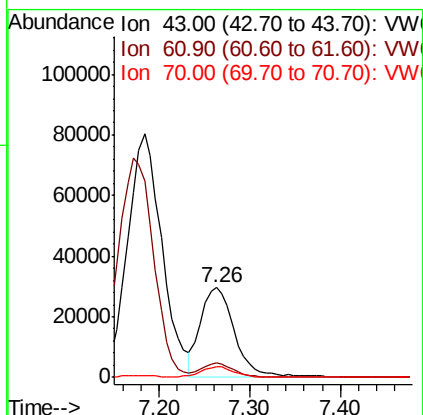
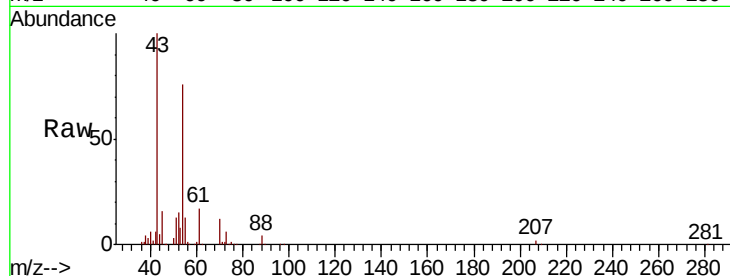




#37
Ethyl Acetate
Concen: 25.37 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

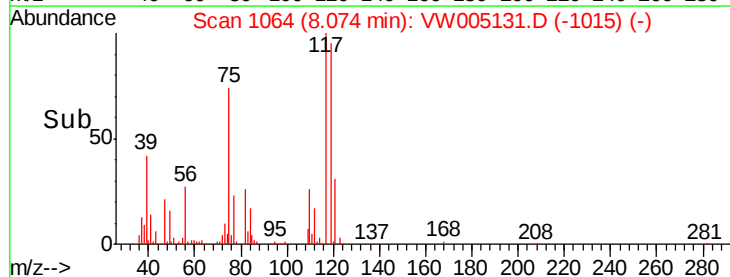
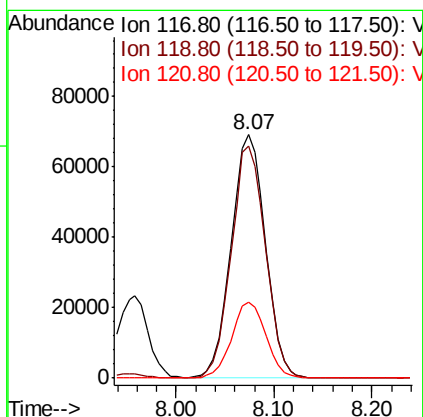
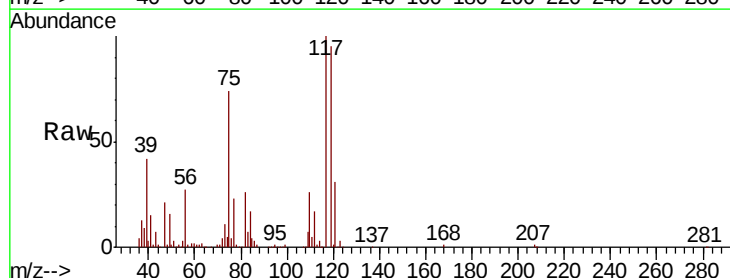
Instrument :
MSVOA_W
ClientSampleId :
VW0905SBSD01

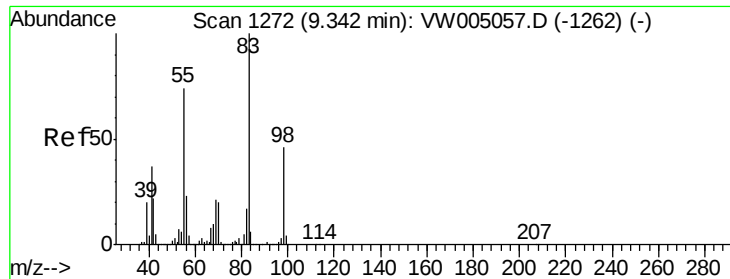
Tot Ion: 43 Resp: 77067
Ion Ratio Lower Upper
43 100
61 15.5 12.1 18.1
70 11.2 9.4 14.2



#38
Carbon Tetrachloride
Concen: 21.74 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Tgt Ion: 117 Resp: 167915
Ion Ratio Lower Upper
117 100
119 95.1 76.6 115.0
121 31.0 24.8 37.2

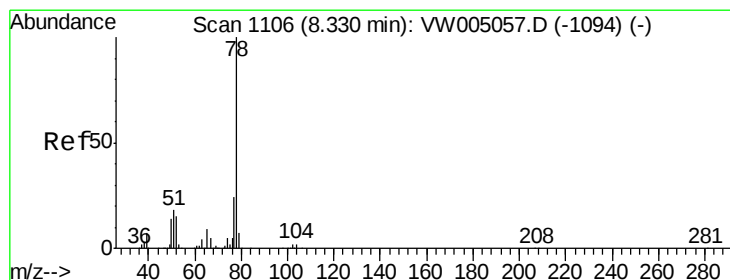
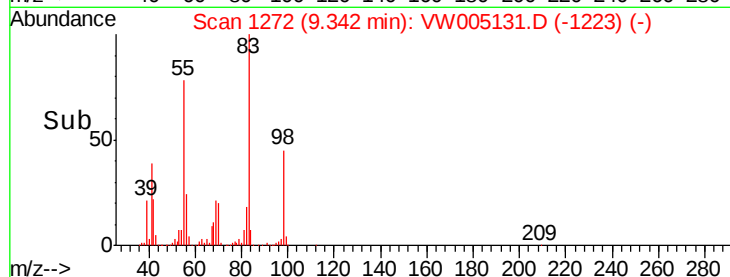
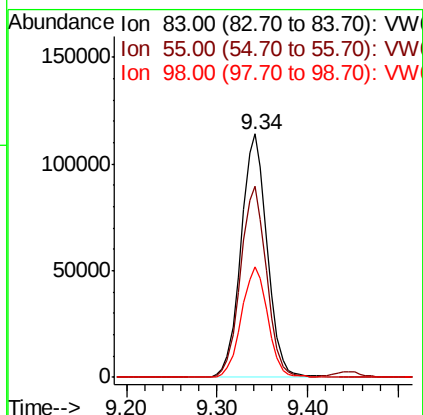
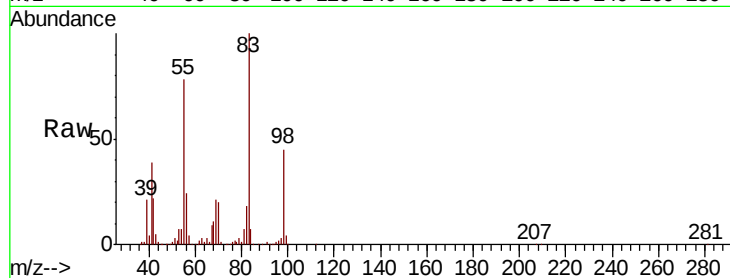




#39
Methylcyclohexane
Concen: 23.22 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

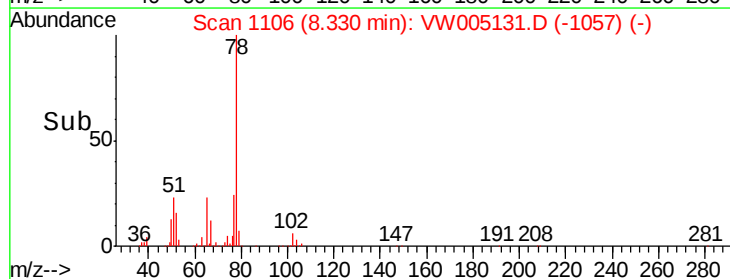
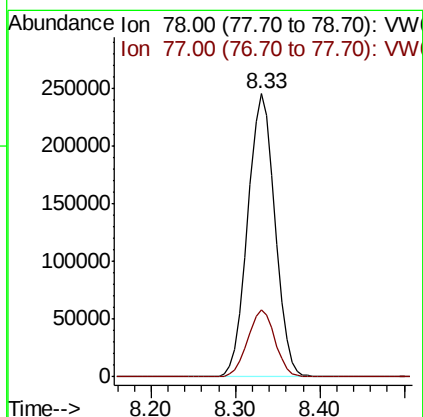
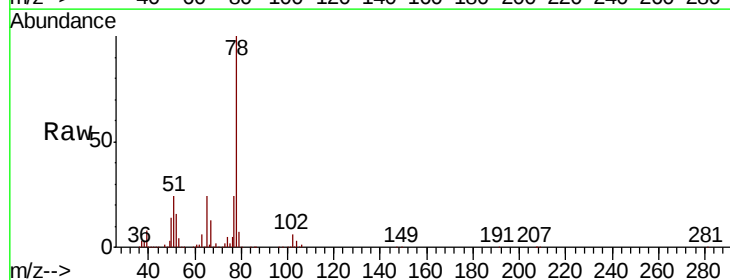
Instrument :
MSVOA_W
ClientSampleId :
VW0905SBSD01

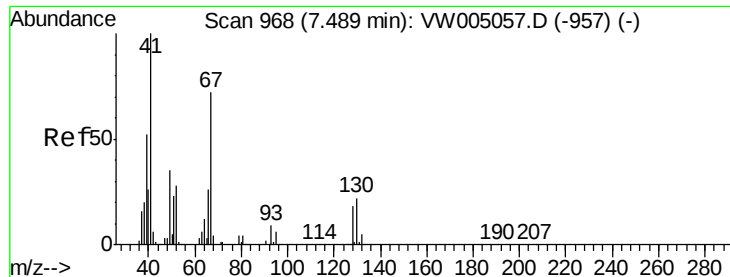
Tot Ion: 83 Resp: 228078
Ion Ratio Lower Upper
83 100
55 78.4 58.9 88.3
98 45.3 36.8 55.2



#40
Benzene
Concen: 21.61 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Tgt Ion: 78 Resp: 537335
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.0

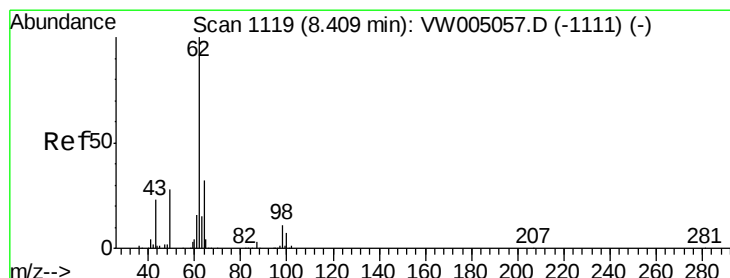
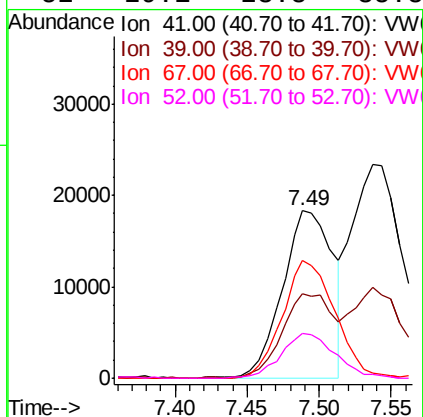
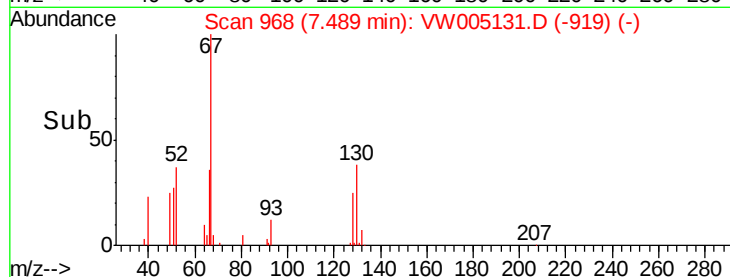
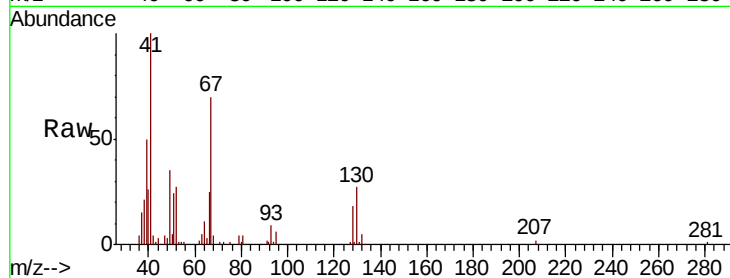




#41
Methacrylonitrile
Concen: 25.40 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

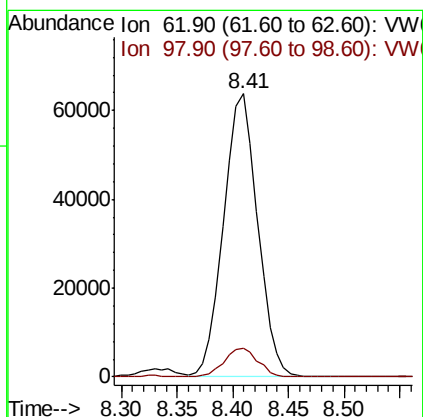
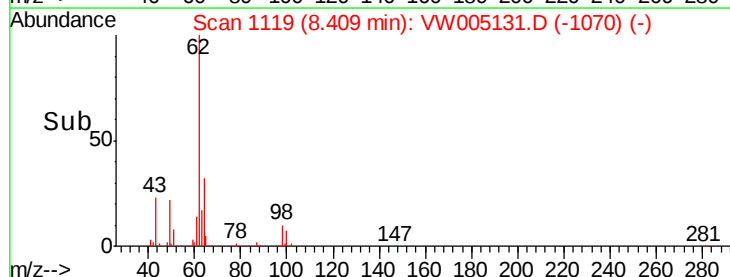
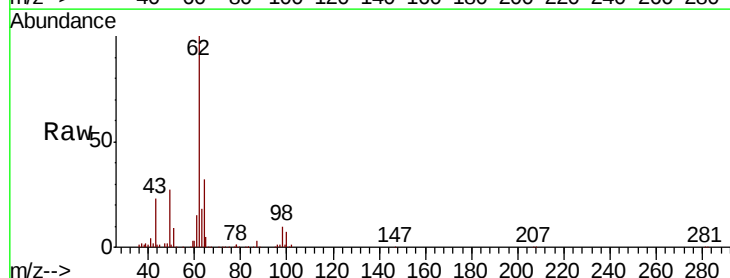
Instrument :
MSVOA_W
ClientSampleId :
VW0905SBSD01

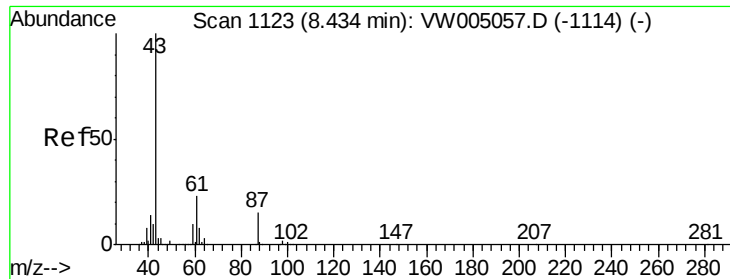
Tot Ion:	41	Resp:	44709
Ion	Ratio	Lower	Upper
41	100		
39	51.5	41.8	62.8
67	73.9	60.4	90.6
52	29.1	23.8	35.8



#42
1,2-Dichloroethane
Concen: 22.29 ug/l
RT: 8.41 min Scan# 1119
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Tgt Ion:	62	Resp:	135618
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	21.8





#43

Isopropyl Acetate

Concen: 25.13 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBSD01

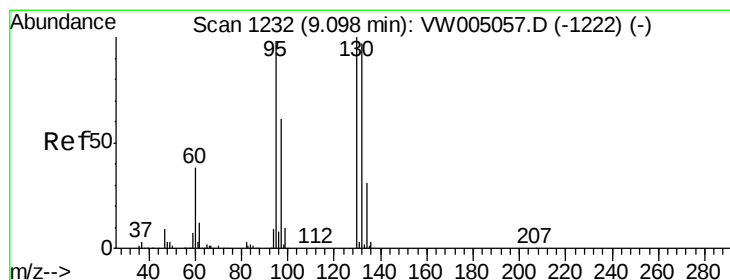
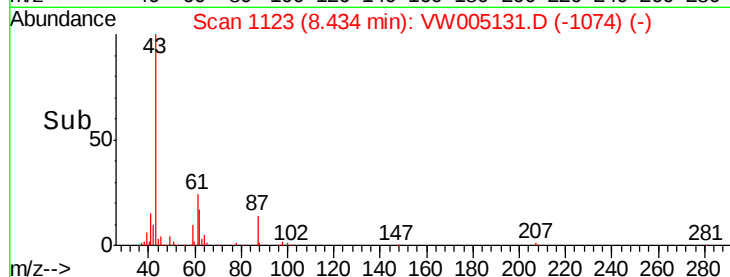
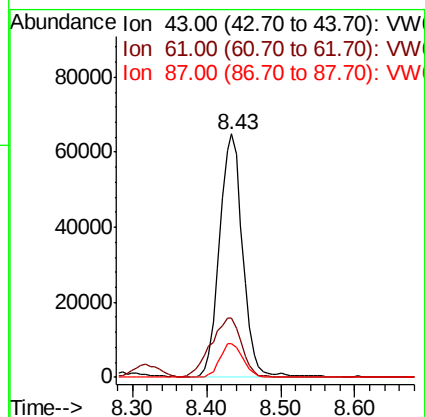
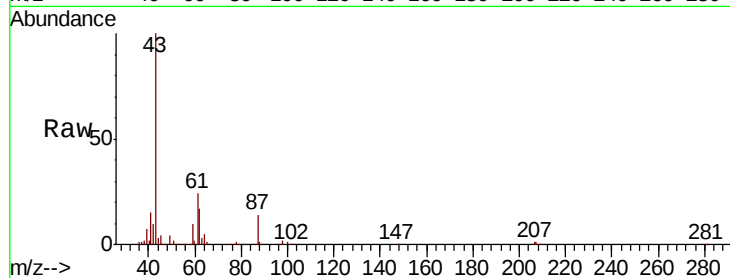
Tot Ion: 43 Resp: 138920

Ion Ratio Lower Upper

43 100

61 31.5 26.8 40.2

87 13.9 11.6 17.4



#44

Trichloroethene

Concen: 21.34 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VW005131.D

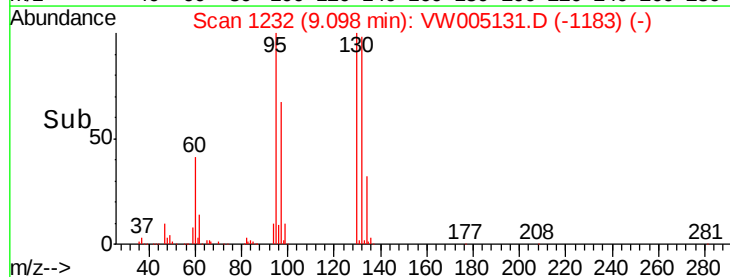
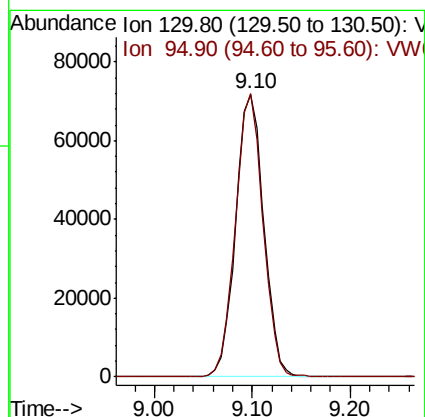
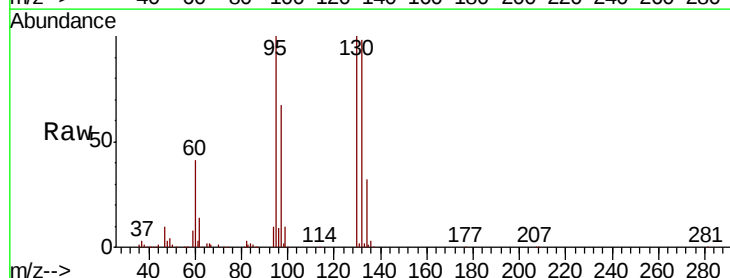
Acq: 05 Sep 2018 16:12

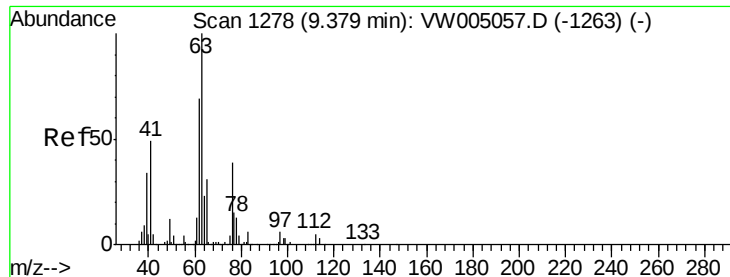
Tgt Ion: 130 Resp: 143187

Ion Ratio Lower Upper

130 100

95 100.2 0.0 195.2

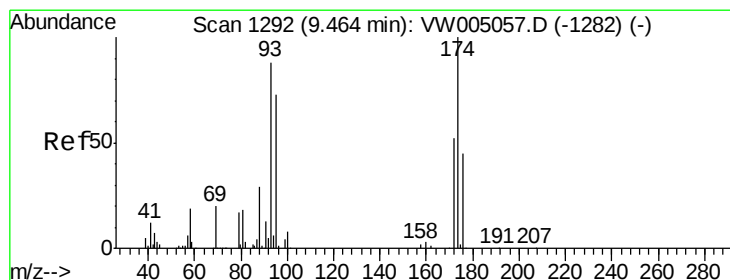
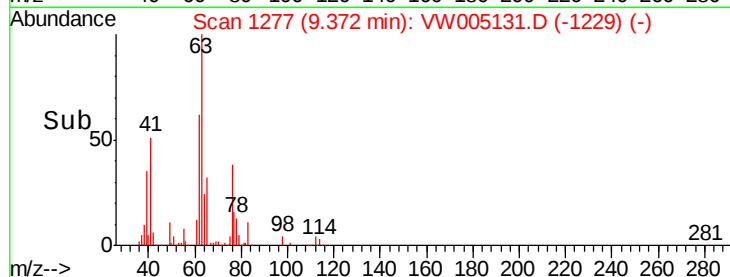
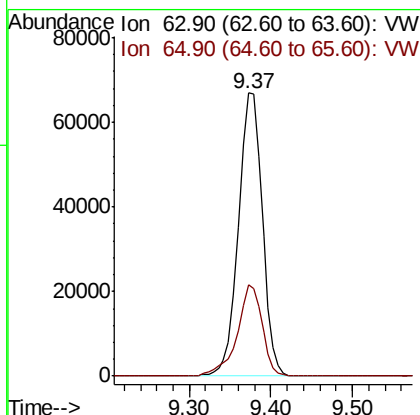
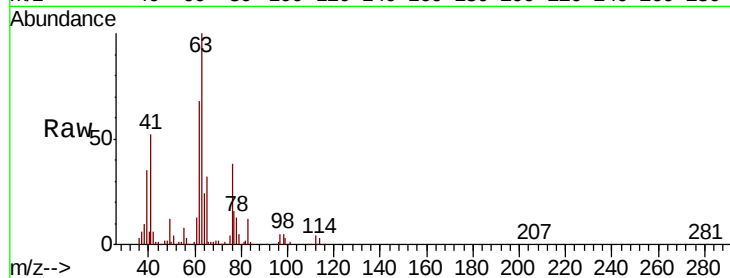




#45
 1,2-Dichloropropane
 Concen: 22.35 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

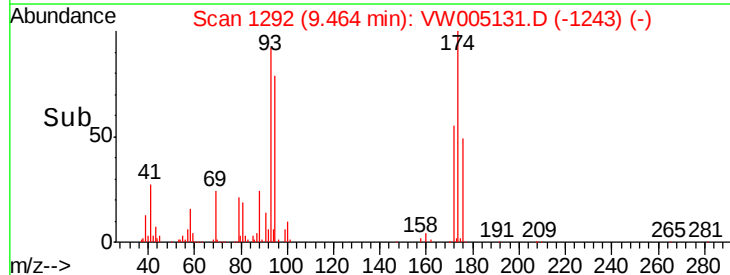
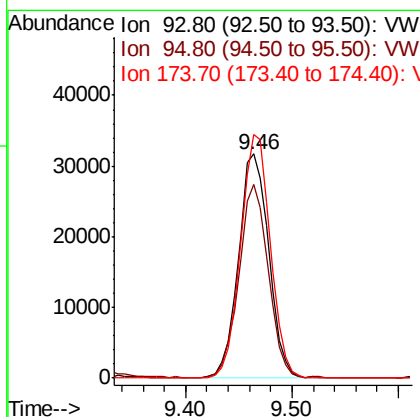
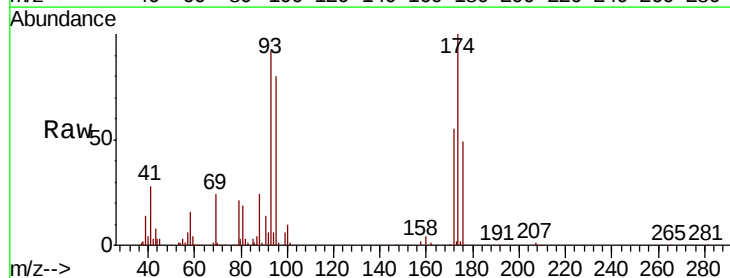
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBSD01

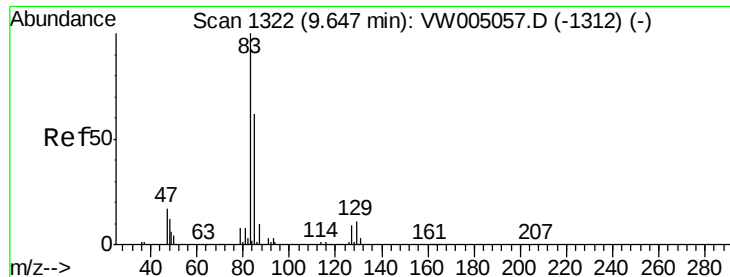
Tot Ion: 63 Resp: 135733
 Ion Ratio Lower Upper
 63 100
 65 32.3 24.6 37.0



#46
 Dibromomethane
 Concen: 21.87 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

Tgt Ion: 93 Resp: 63514
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.2 99.4
 174 106.5 92.0 138.0





#47

Bromodichloromethane

Concen: 21.79 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBSD01

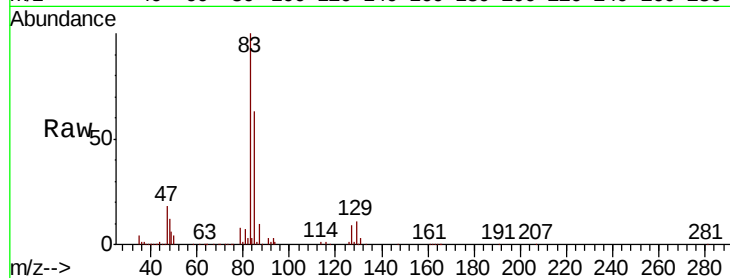
Tot Ion: 83 Resp: 159389

Ion Ratio Lower Upper

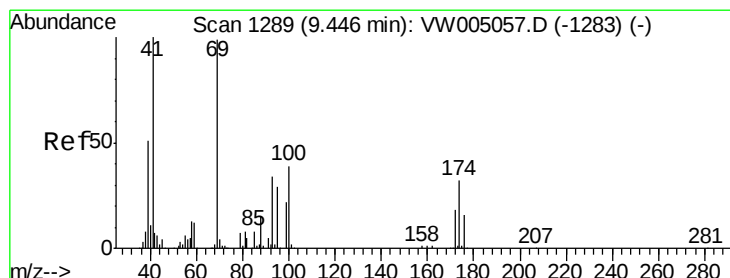
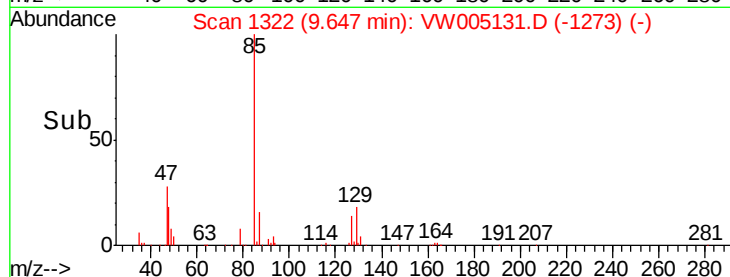
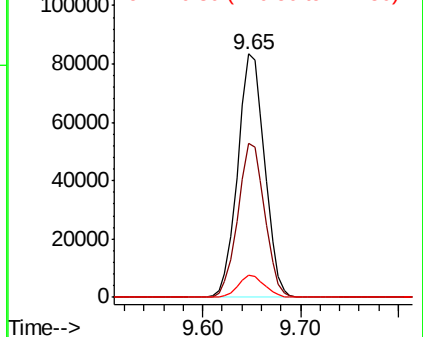
83 100

85 63.2 49.8 74.6

127 9.1 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: 24.53 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

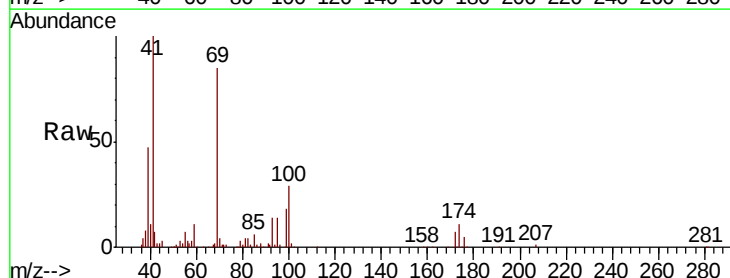
Tgt Ion: 41 Resp: 65290

Ion Ratio Lower Upper

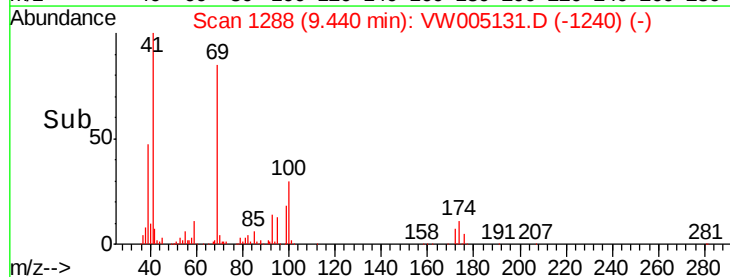
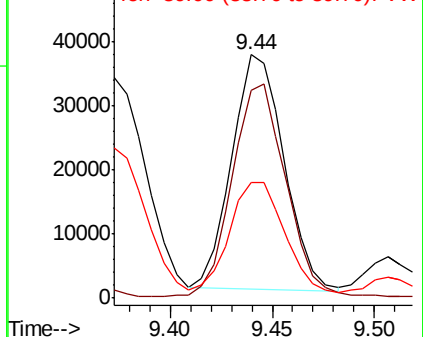
41 100

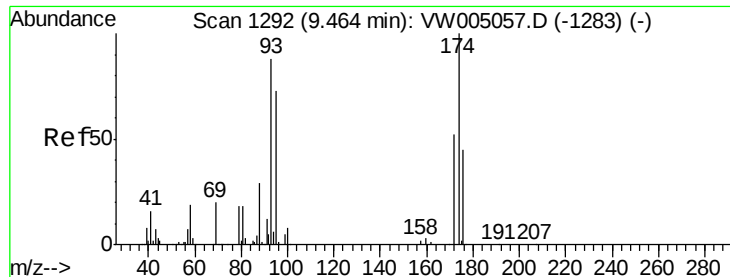
69 95.7 80.4 120.6

39 49.2 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: 447.53 ug/l

RT: 9.48 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBSD01

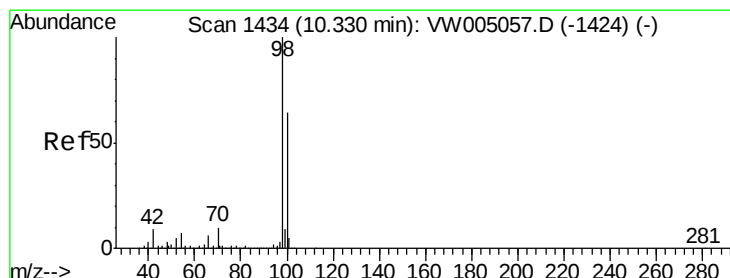
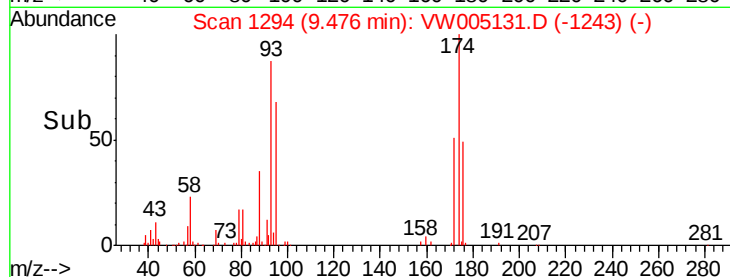
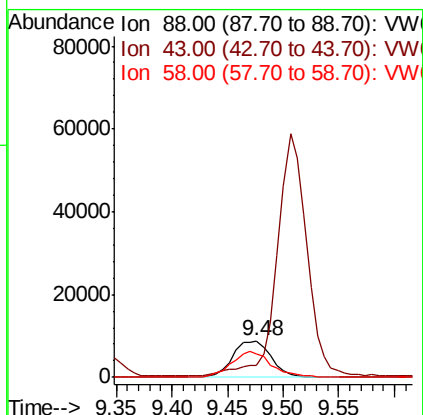
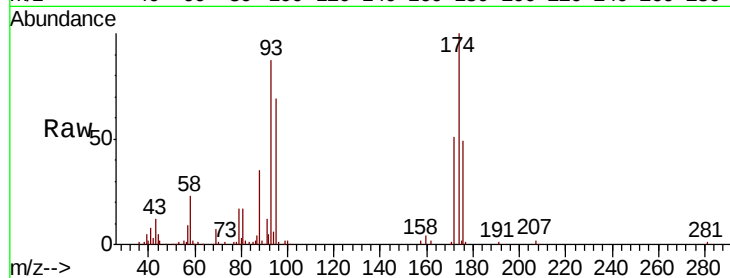
Tot Ion: 88 Resp: 21021

Ion Ratio Lower Upper

88 100

43 0.0 19.8 29.6#

58 74.6 57.1 85.7



#50

Toluene-d8

Concen: 51.47 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW005131.D

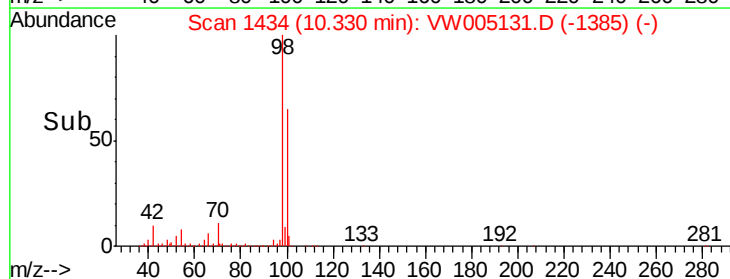
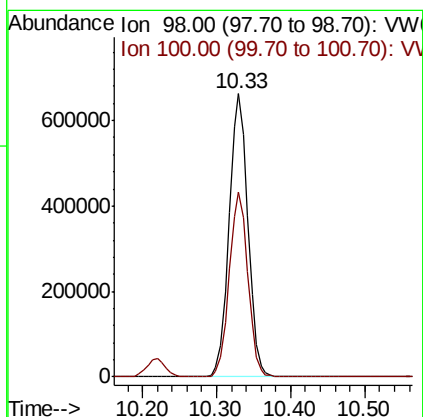
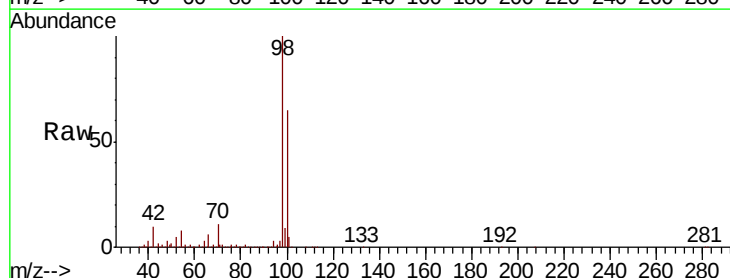
Acq: 05 Sep 2018 16:12

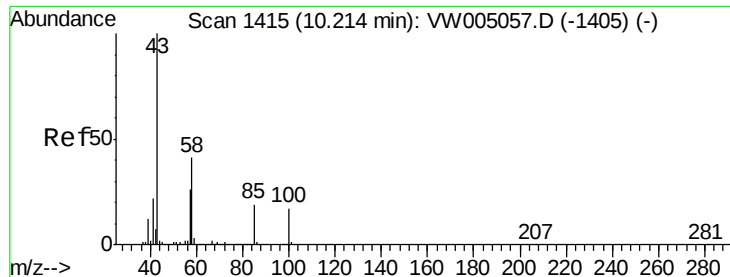
Tgt Ion: 98 Resp: 1168751

Ion Ratio Lower Upper

98 100

100 64.8 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 124.48 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

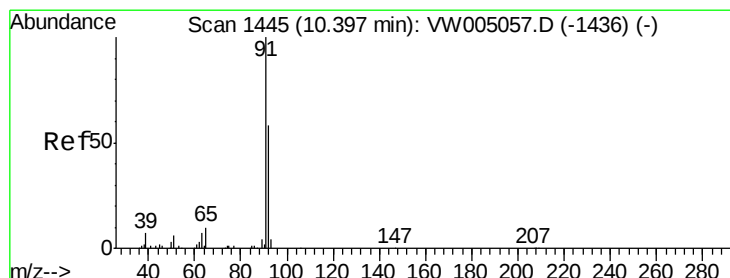
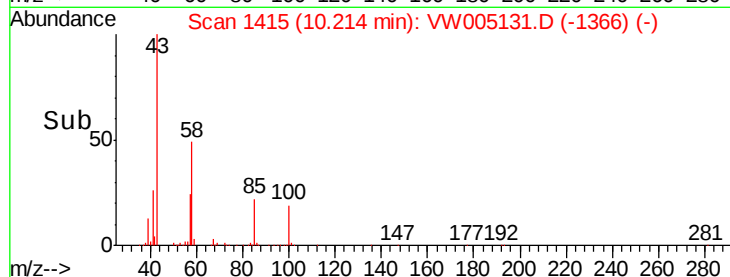
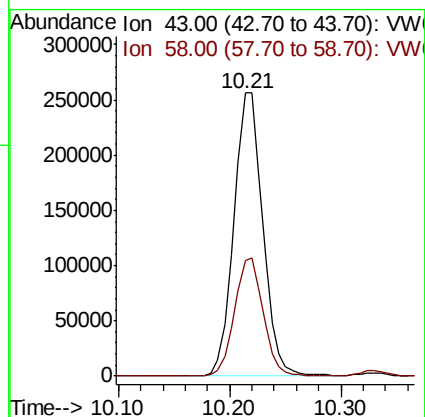
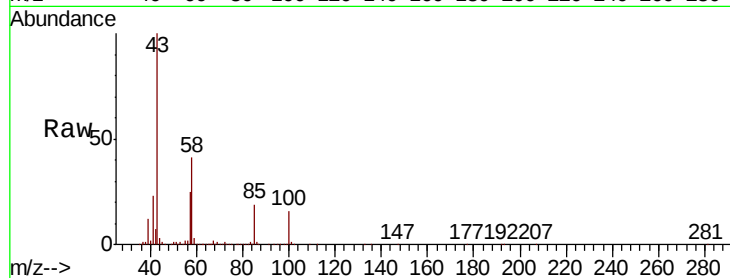
VW0905SBSD01

Tot Ion: 43 Resp: 461129

Ion Ratio Lower Upper

43 100

58 41.3 33.3 49.9



#52

Toluene

Concen: 21.36 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.01 min

Lab File: VW005131.D

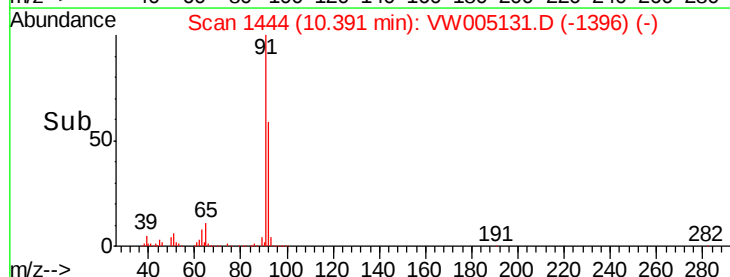
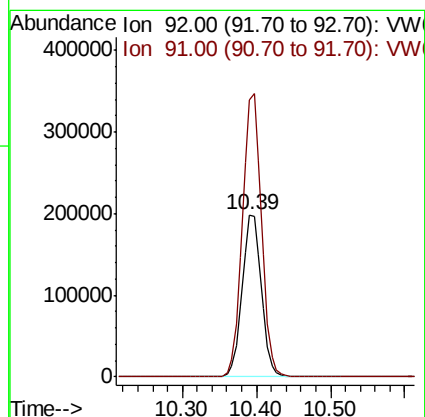
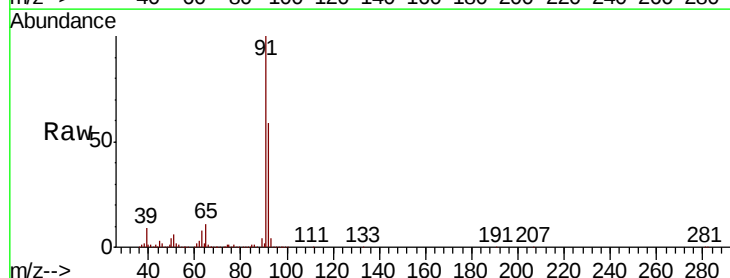
Acq: 05 Sep 2018 16:12

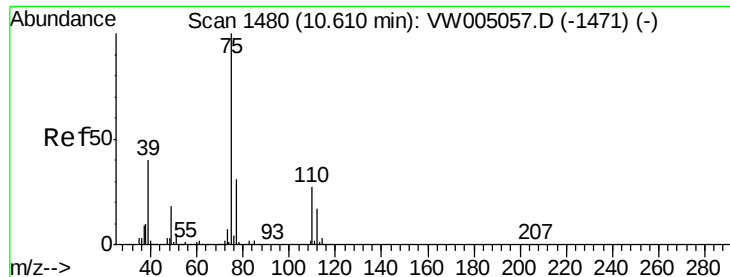
Tgt Ion: 92 Resp: 359931

Ion Ratio Lower Upper

92 100

91 173.8 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 23.00 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Instrument :

MSVOA_W

ClientSampled :

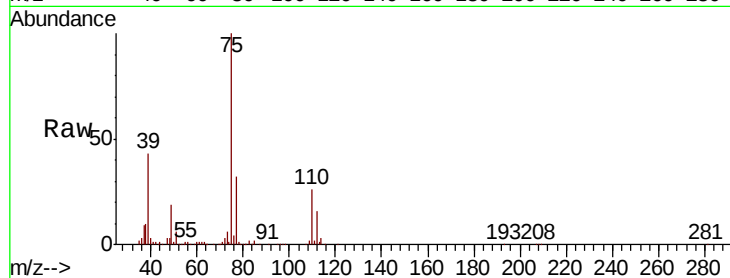
VW0905SBSD01

Tot Ion: 75 Resp: 165314

Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.61

100000

80000

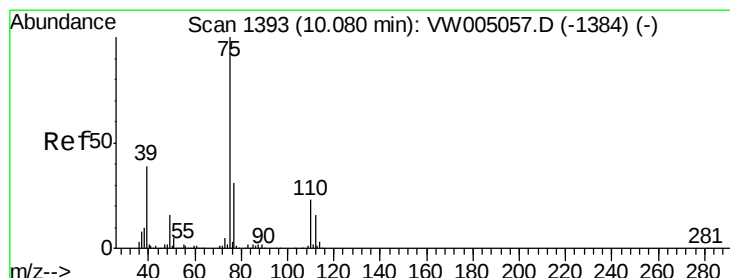
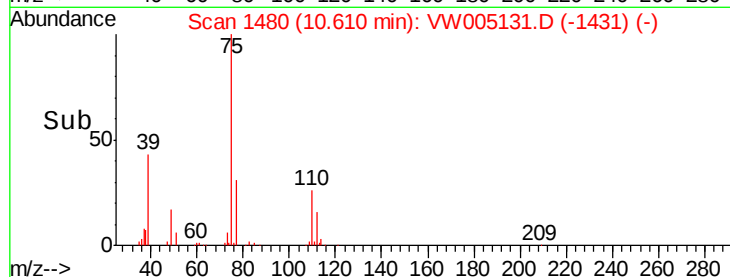
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 22.99 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

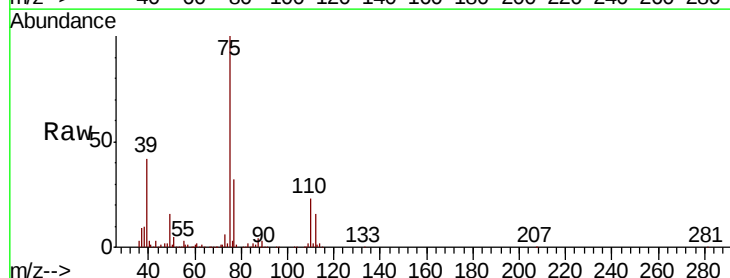
Tgt Ion: 75 Resp: 200939

Ion Ratio Lower Upper

75 100

77 32.1 24.9 37.3

39 42.1 31.0 46.6



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

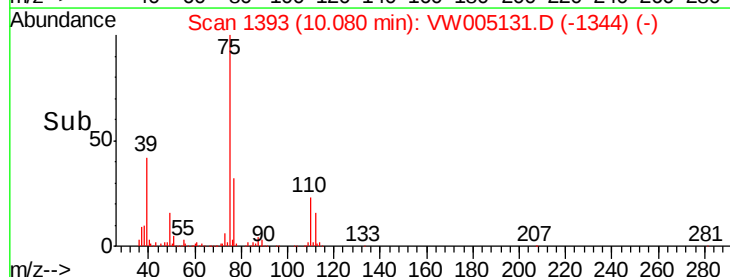
150000

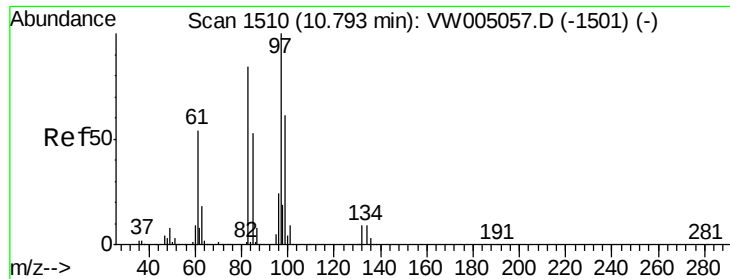
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 21.82 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBSD01

Tot Ion: 97 Resp: 98114

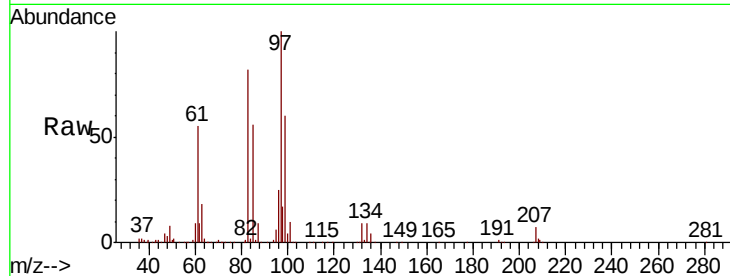
Ion Ratio Lower Upper

97 100

83 81.3 67.0 100.6

85 55.6 42.3 63.5

99 60.2 48.5 72.7



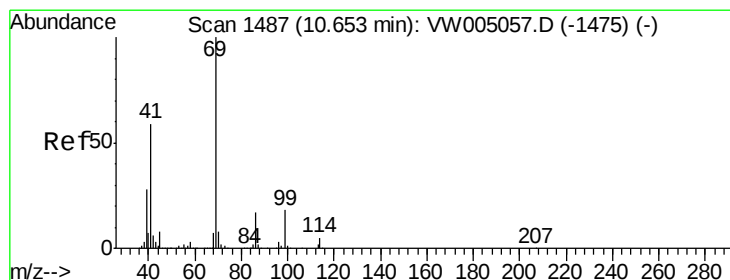
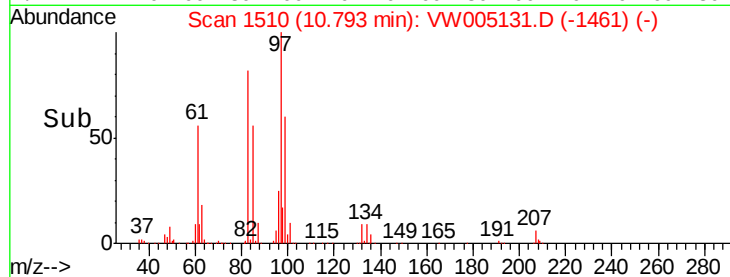
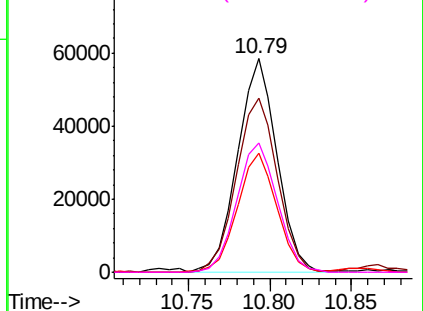
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 23.40 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

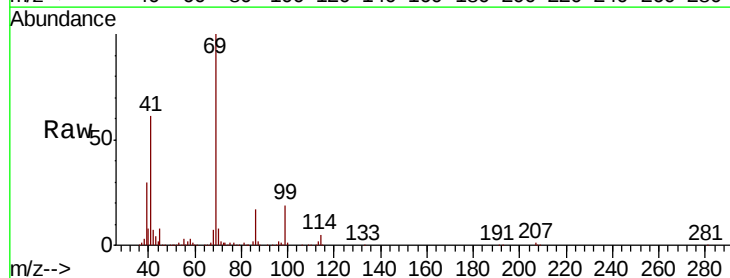
Tgt Ion: 69 Resp: 120034

Ion Ratio Lower Upper

69 100

41 61.0 47.8 71.6

39 27.6 21.1 31.7

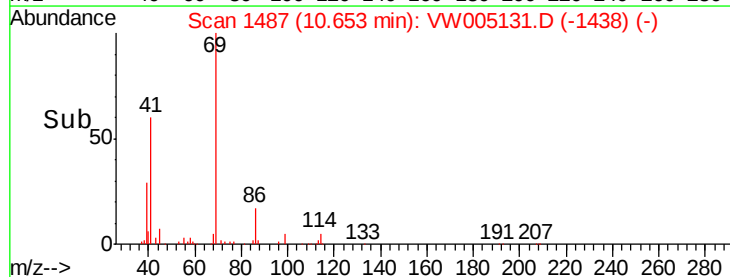
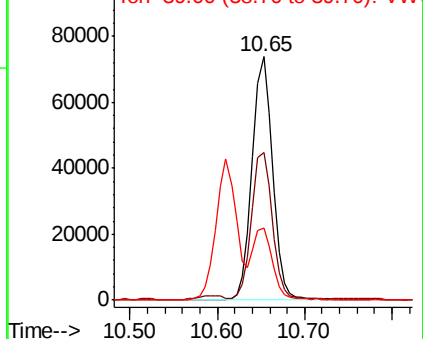


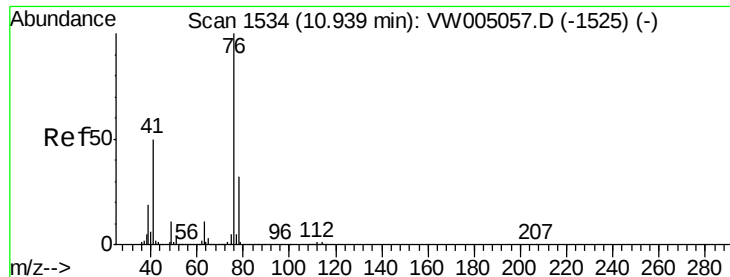
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 22.57 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

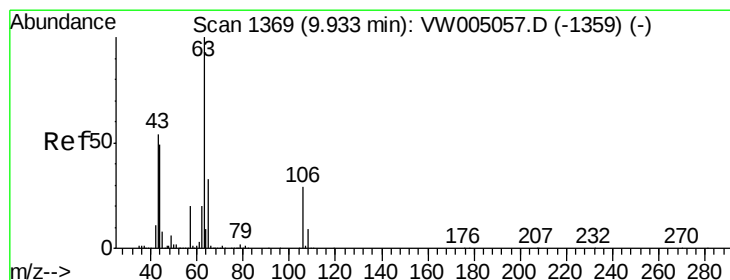
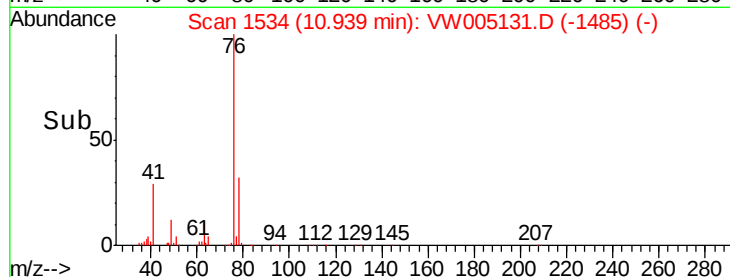
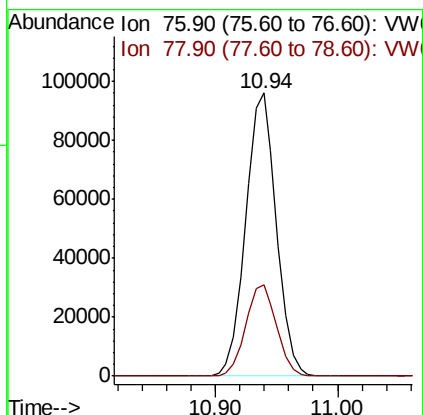
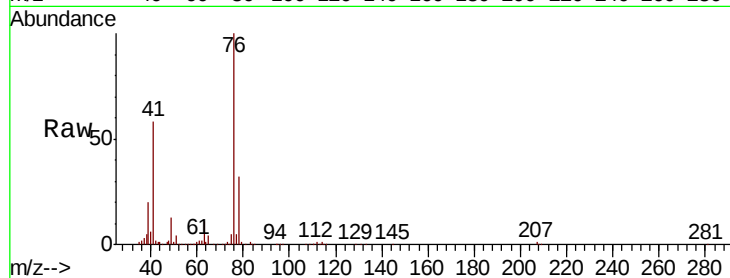
VW0905SBSD01

Tot Ion: 76 Resp: 167081

Ion Ratio Lower Upper

76 100

78 32.6 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 121.36 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VW005131.D

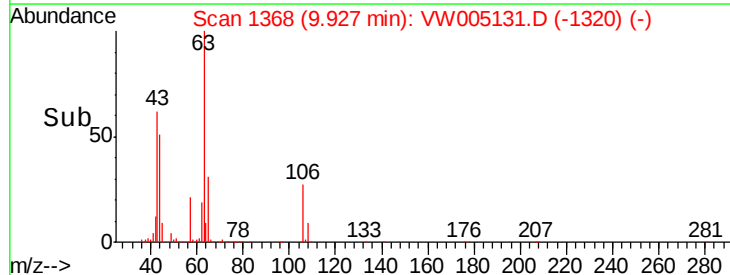
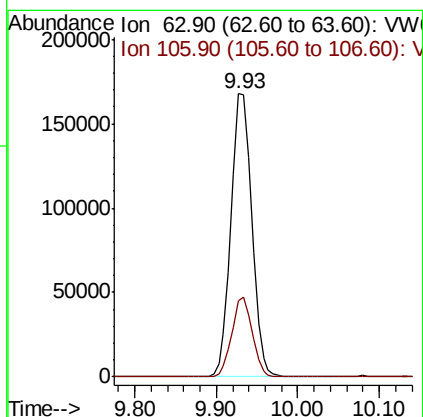
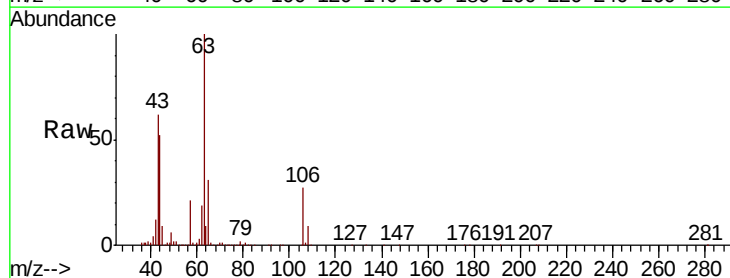
Acq: 05 Sep 2018 16:12

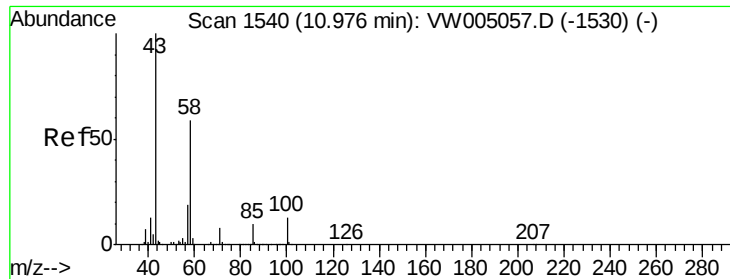
Tgt Ion: 63 Resp: 295052

Ion Ratio Lower Upper

63 100

106 27.4 23.1 34.7

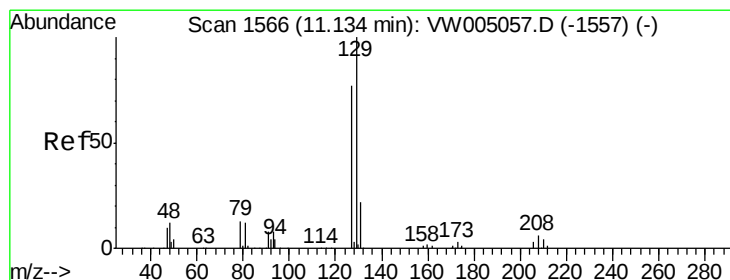
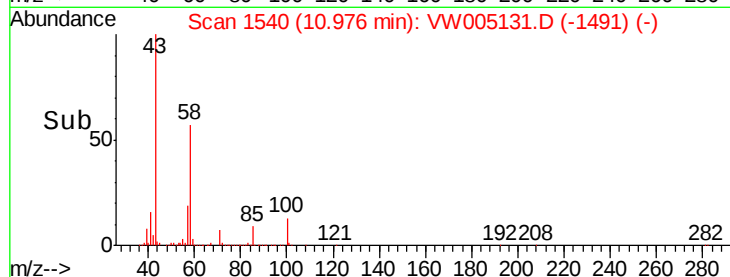
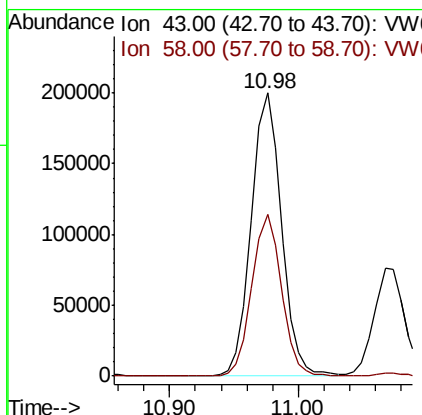
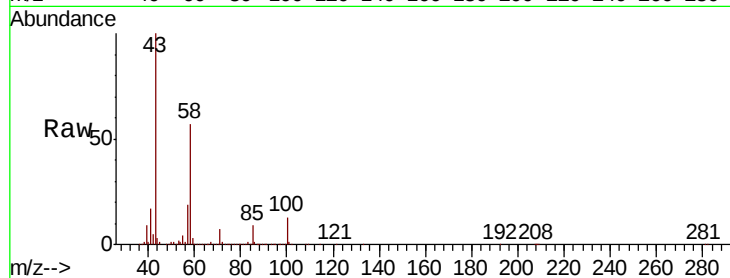




#59
2-Hexanone
Concen: 129.02 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

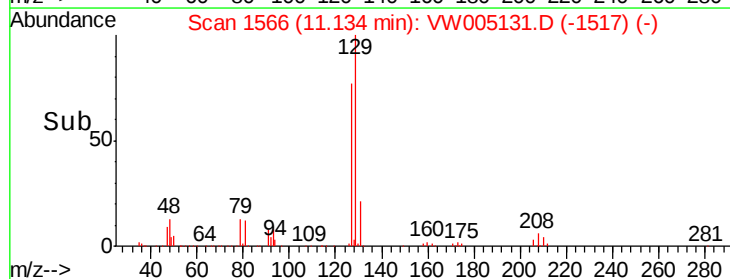
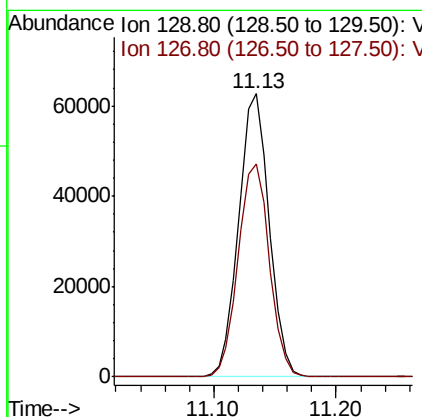
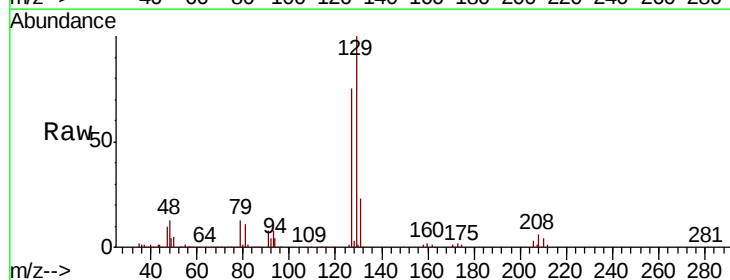
Instrument :
MSVOA_W
ClientSampleId :
VW0905SBSD01

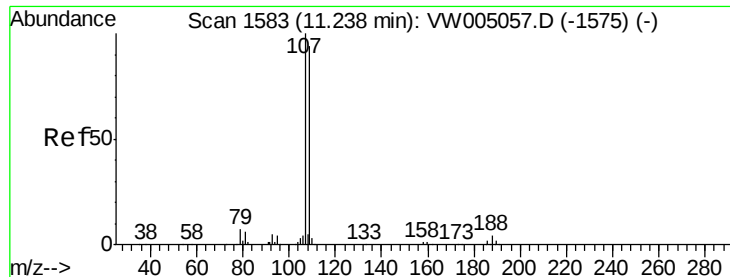
Tot Ion: 43 Resp: 323249
Ion Ratio Lower Upper
43 100
58 56.4 28.7 86.3



#60
Dibromochloromethane
Concen: 21.37 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Tgt Ion: 129 Resp: 108665
Ion Ratio Lower Upper
129 100
127 76.8 38.9 116.7

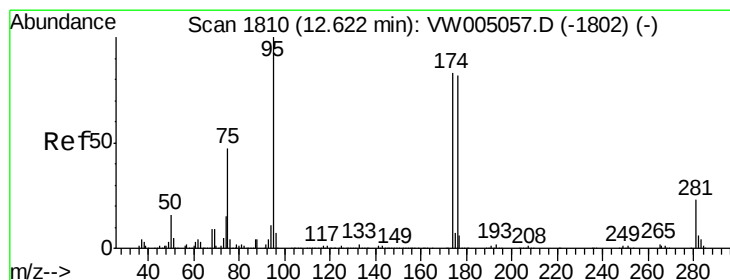
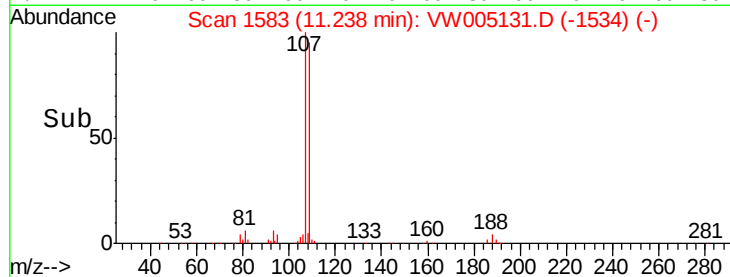
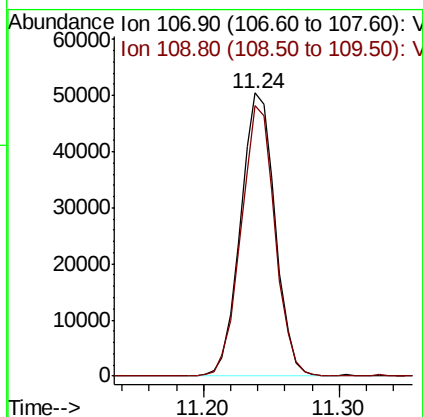
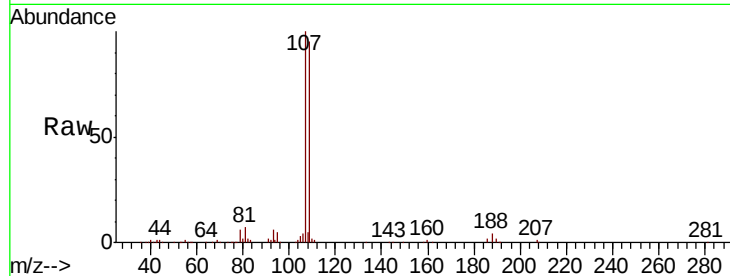




#61
 1,2-Dibromoethane
 Concen: 22.00 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

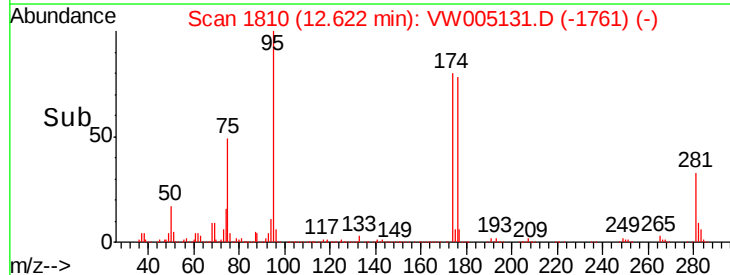
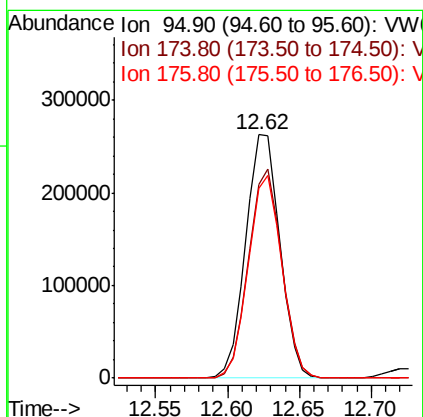
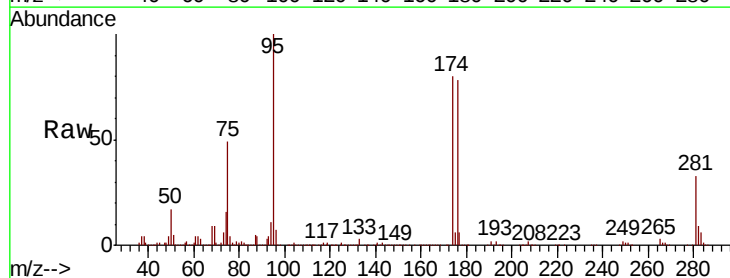
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBSD01

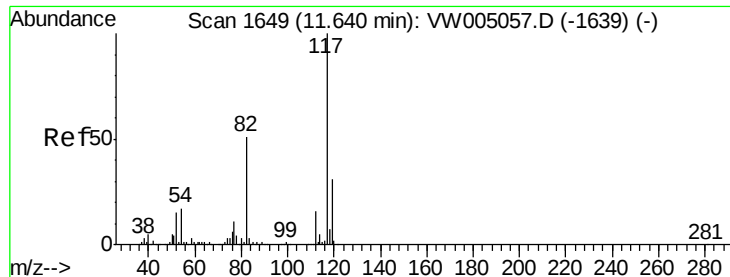
Tot Ion: 107 Resp: 89341
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 53.71 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

Tgt Ion: 95 Resp: 430072
 Ion Ratio Lower Upper
 95 100
 174 83.6 0.0 173.4
 176 81.6 0.0 167.4

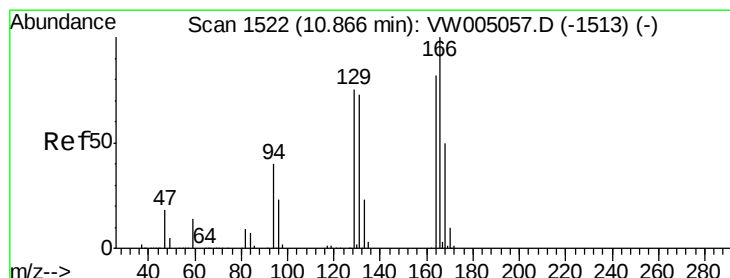
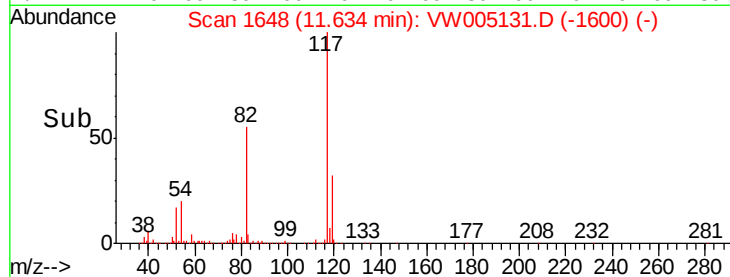
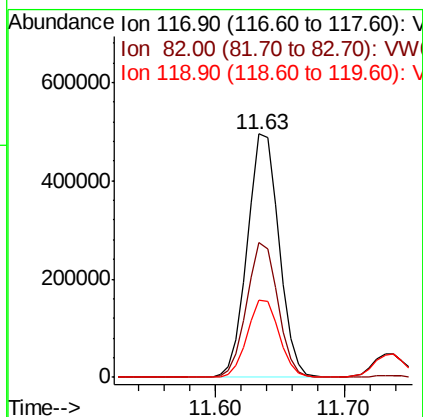
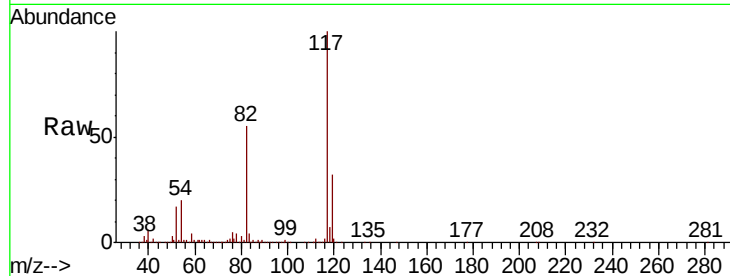




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

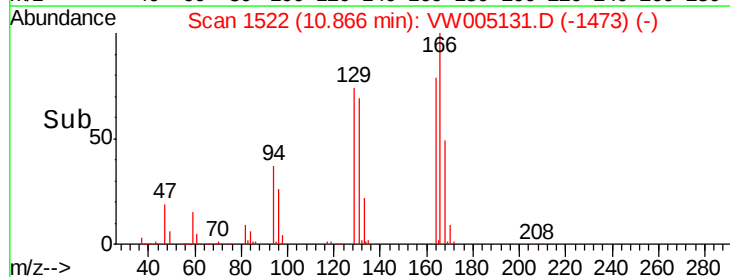
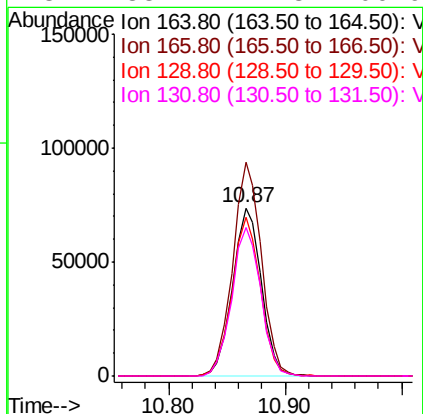
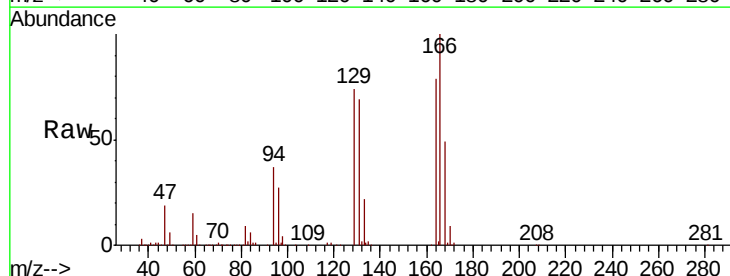
Instrument :
MSVOA_W
ClientSampleId :
VW0905SBSD01

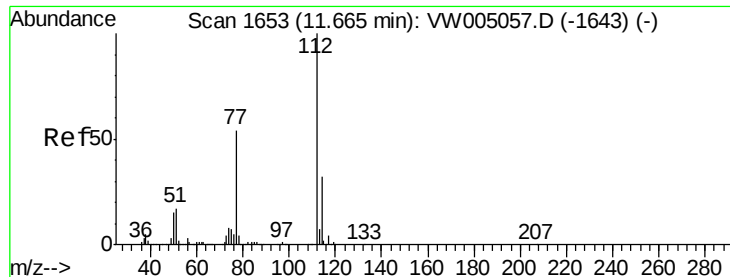
Tot Ion:117 Resp: 838459
Ion Ratio Lower Upper
117 100
82 55.4 40.9 61.3
119 31.6 24.9 37.3



#64
Tetrachloroethene
Concen: 19.27 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Tgt Ion:164 Resp: 126786
Ion Ratio Lower Upper
164 100
166 127.1 97.3 145.9
129 94.3 73.1 109.7
131 88.2 71.3 106.9





#65

Chlorobenzene

Concen: 20.86 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Instrument :

MSVOA_W

ClientSampled :

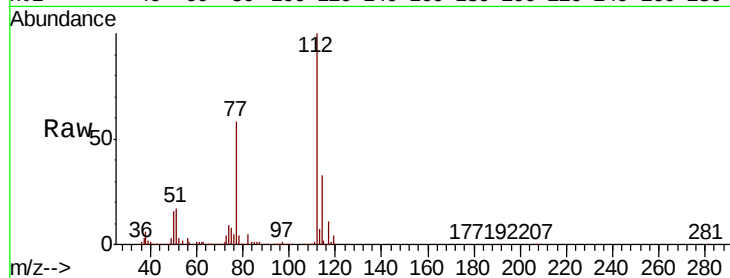
VW0905SBSD01

Tot Ion:112 Resp: 393685

Ion Ratio Lower Upper

112 100

114 32.7 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.66

250000

200000

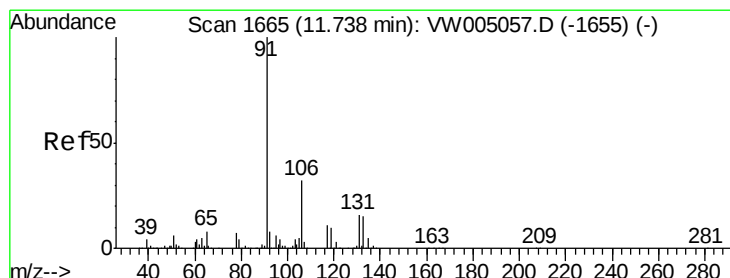
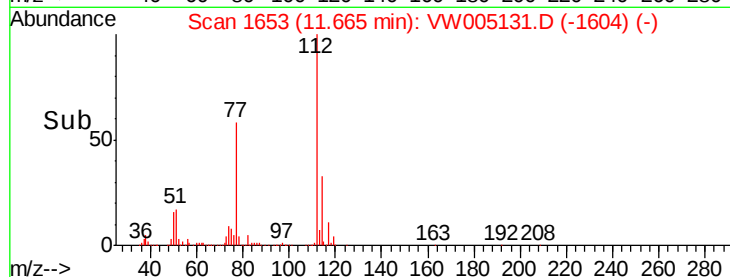
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.63 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

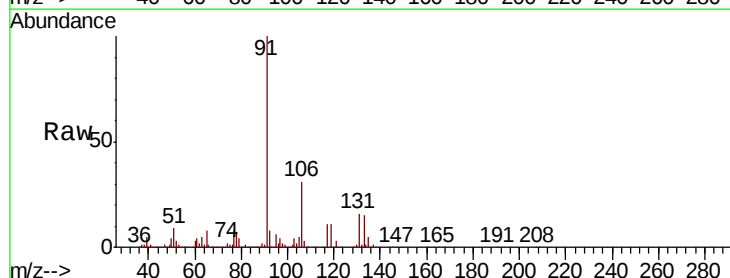
Tgt Ion:131 Resp: 119016

Ion Ratio Lower Upper

131 100

133 96.3 47.4 142.3

119 68.2 33.4 100.1



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

200000

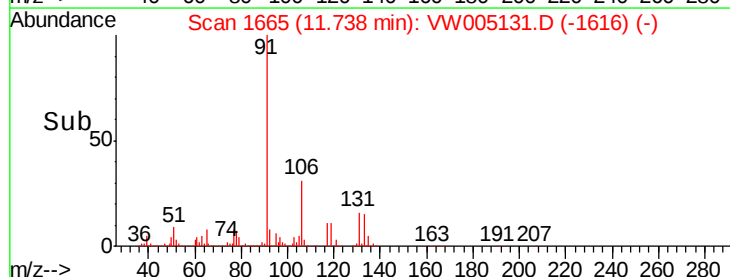
150000

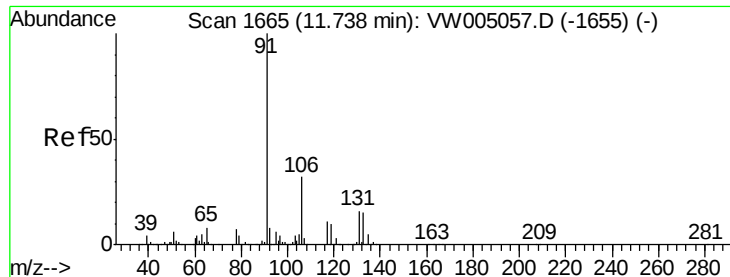
100000

50000

0

Time-->

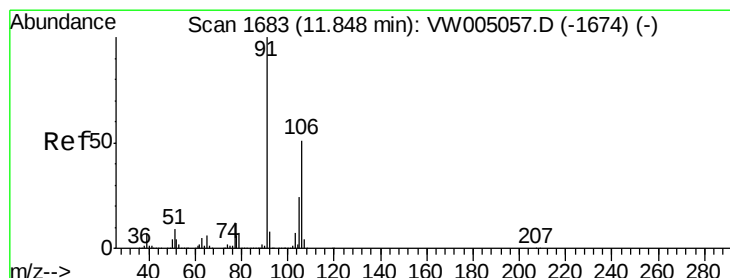
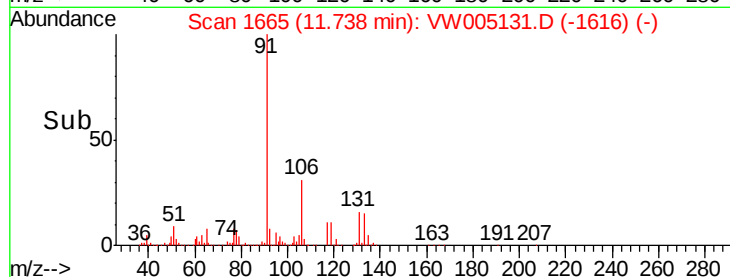
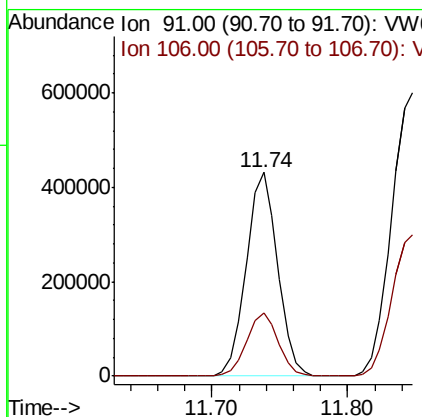
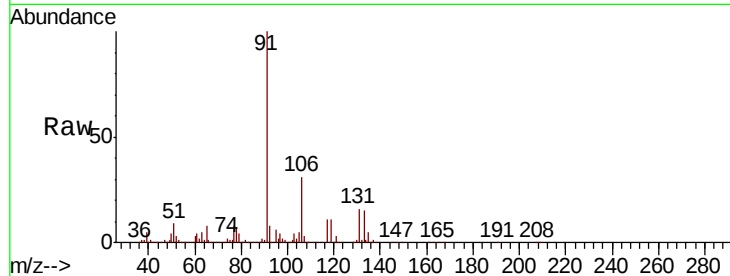




#67
Ethyl Benzene
Concen: 21.82 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

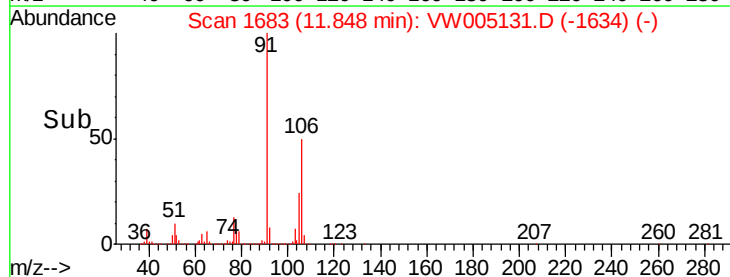
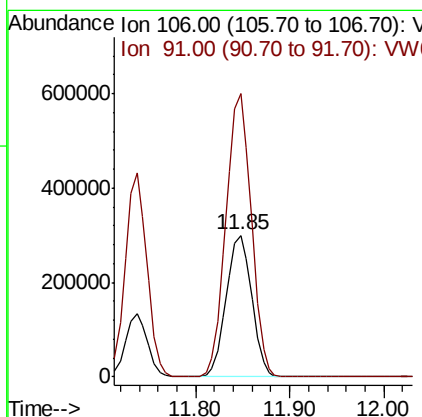
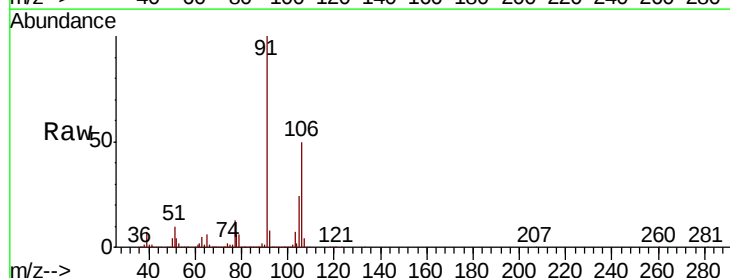
Instrument :
MSVOA_W
ClientSampled :
VW0905SBSD01

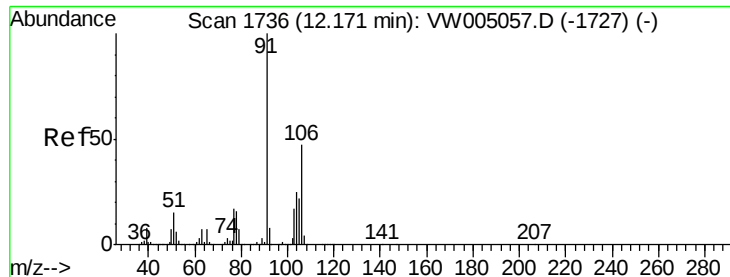
Tot Ion: 91 Resp: 696169
Ion Ratio Lower Upper
91 100
106 30.9 25.3 37.9



#68
m/p-Xylenes
Concen: 44.23 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Tgt Ion: 106 Resp: 565123
Ion Ratio Lower Upper
106 100
91 198.3 158.4 237.6

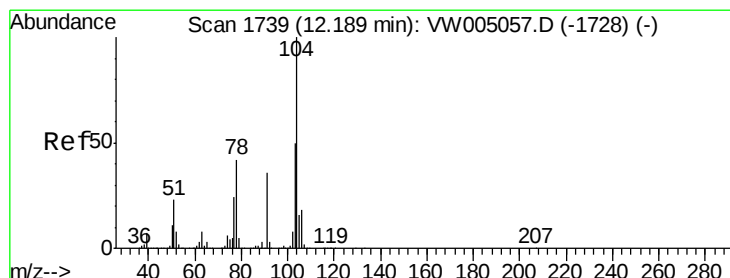
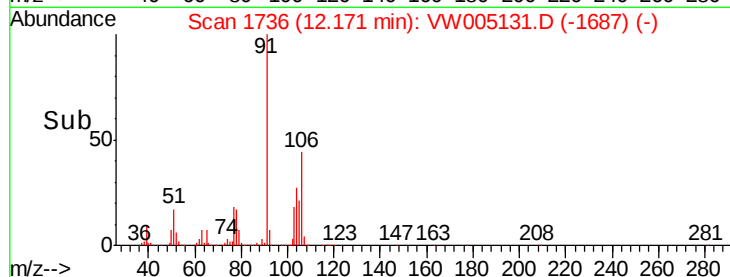
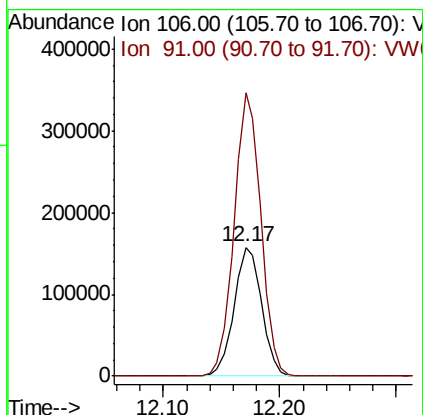
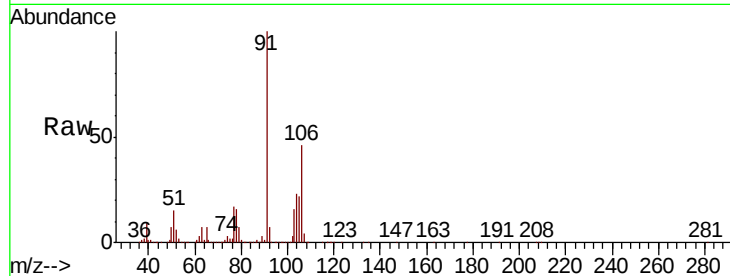




#69
o-Xylene
Concen: 21.92 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

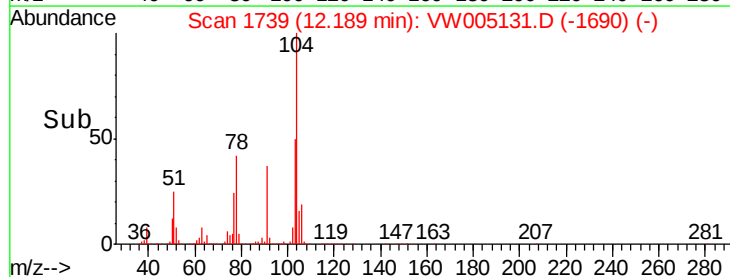
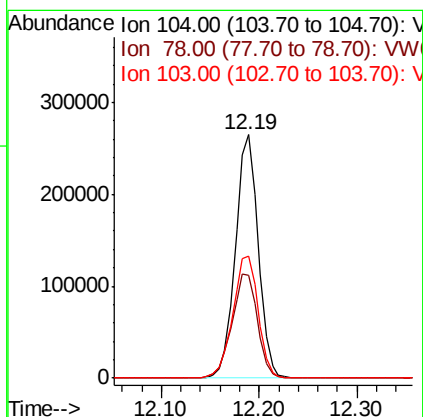
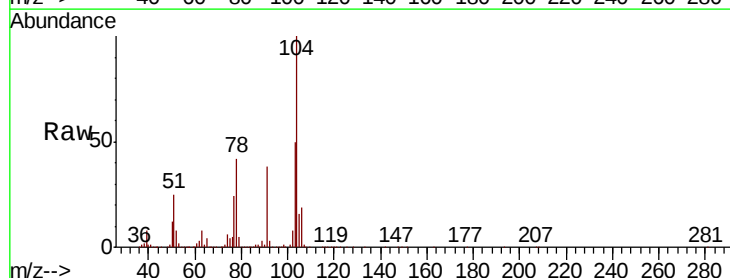
Instrument :
MSVOA_W
ClientSampleId :
VW0905SBSD01

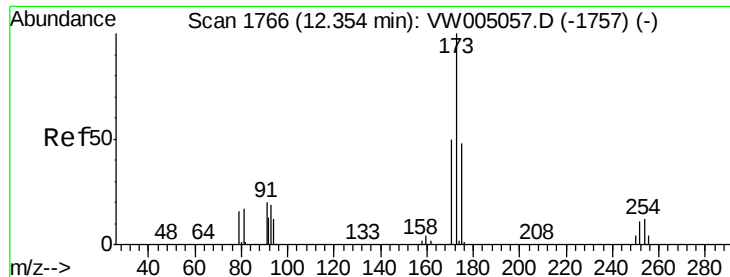
Tot Ion:106 Resp: 258934
Ion Ratio Lower Upper
106 100
91 213.4 105.6 316.8



#70
Styrene
Concen: 21.93 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Tgt Ion:104 Resp: 427833
Ion Ratio Lower Upper
104 100
78 47.8 37.8 56.6
103 55.5 44.1 66.1





#71

Bromoform

Concen: 20.90 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBSD01

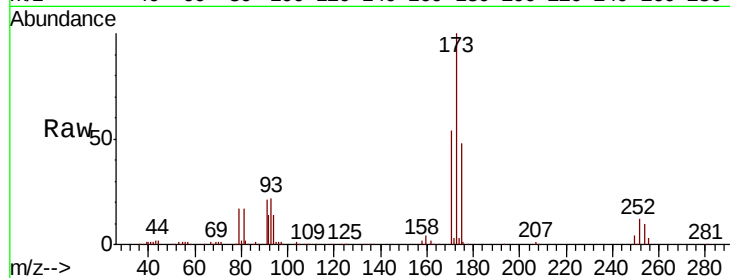
Tot Ion:173 Resp: 63892

Ion Ratio Lower Upper

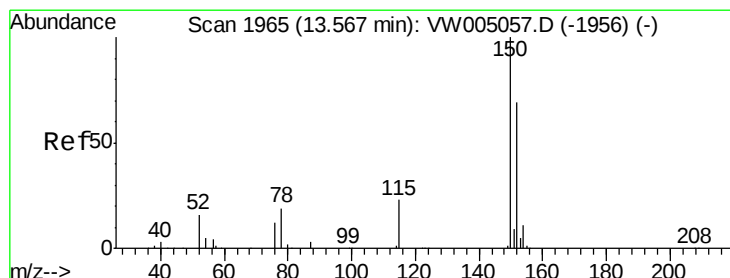
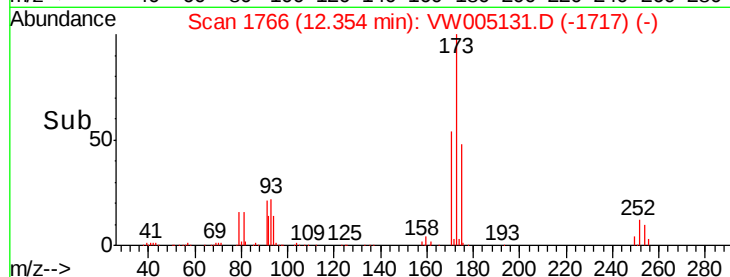
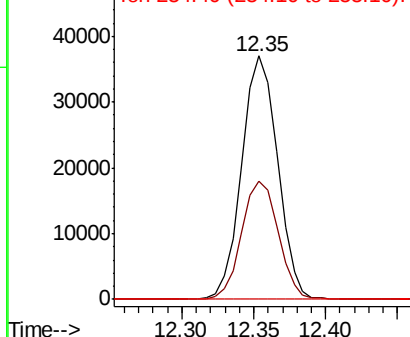
173 100

175 49.7 24.1 72.2

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

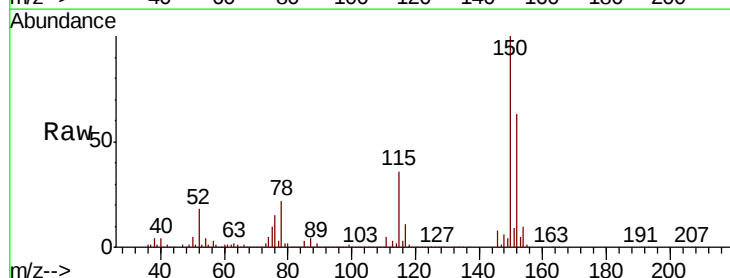
Tgt Ion:152 Resp: 453186

Ion Ratio Lower Upper

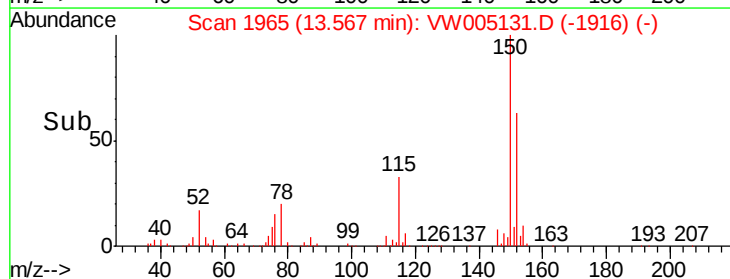
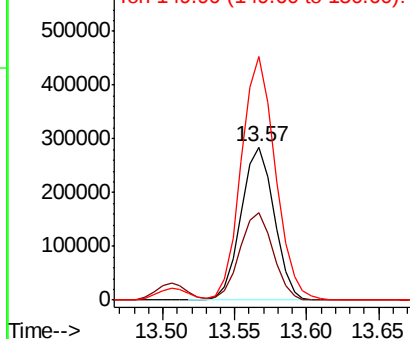
152 100

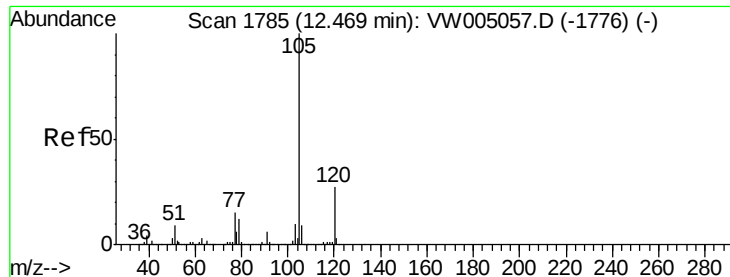
115 57.2 27.8 83.4

150 164.2 0.0 351.4



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





#73

Isopropylbenzene

Concen: 21.80 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

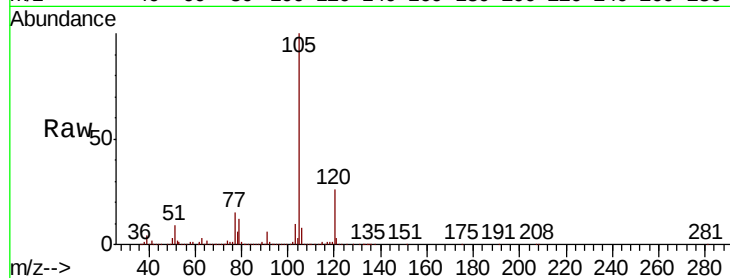
VW0905SBSD01

Tot Ion:105 Resp: 696746

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

500000

400000

300000

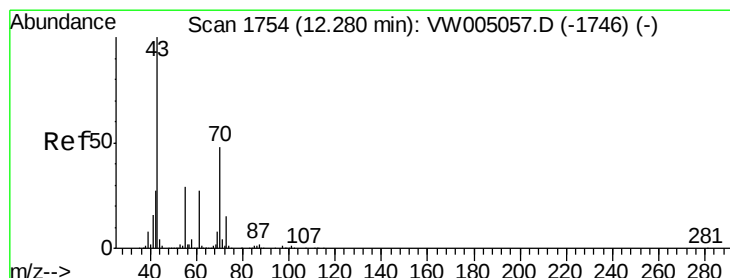
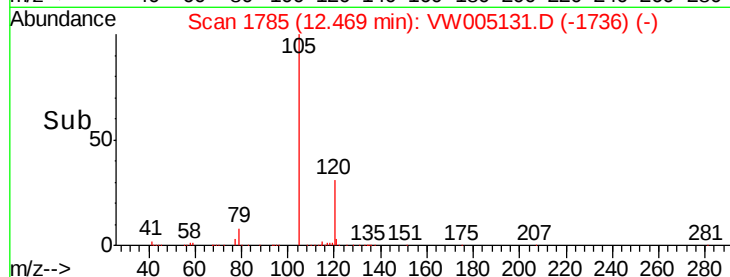
200000

100000

0

Time-->

12.40 12.50



#74

N-ethyl acetate

Concen: 25.22 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Tgt Ion: 43 Resp: 138765

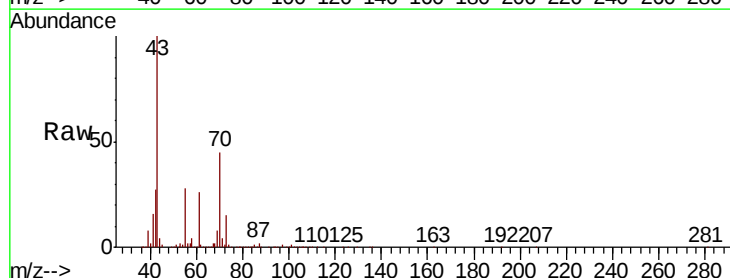
Ion Ratio Lower Upper

43 100

70 44.8 38.2 57.4

55 27.8 23.2 34.8

61 25.0 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

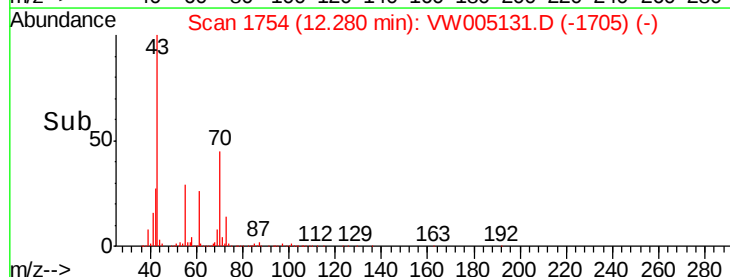
100000

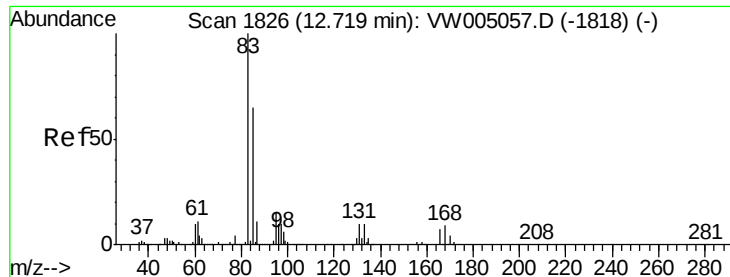
50000

0

Time-->

12.20 12.30





#75

1,1,2,2-Tetrachloroethane

Concen: 22.77 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBSD01

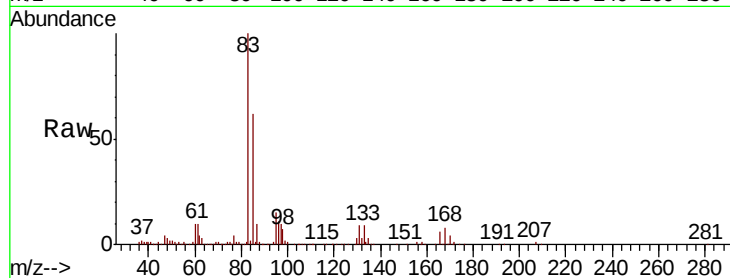
Tot Ion: 83 Resp: 110753

Ion Ratio Lower Upper

83 100

131 10.6 5.5 16.4

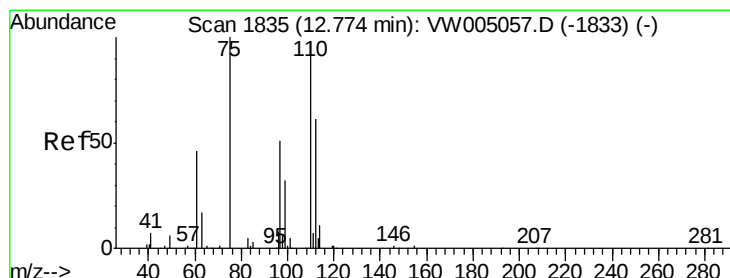
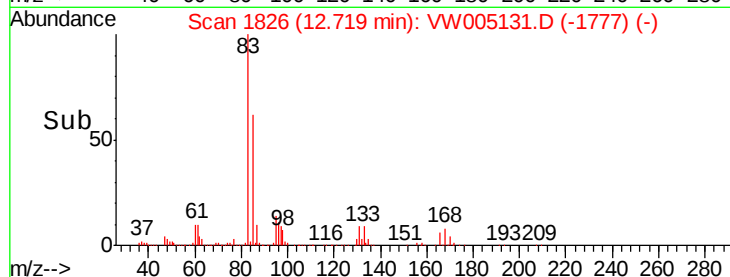
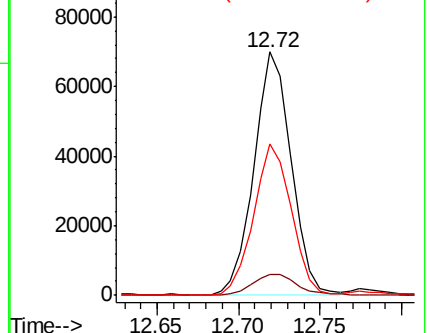
85 63.5 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 42.45 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW005131.D

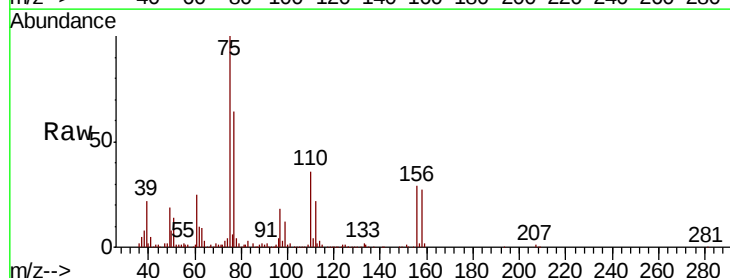
Acq: 05 Sep 2018 16:12

Tgt Ion: 75 Resp: 144419

Ion Ratio Lower Upper

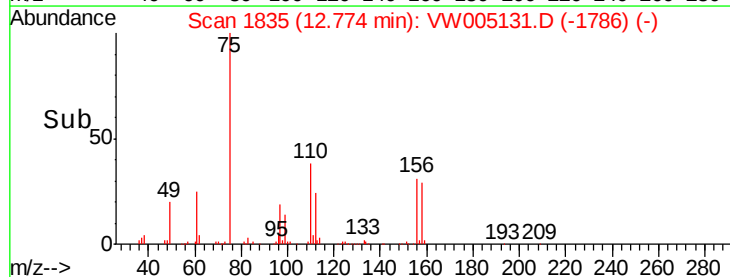
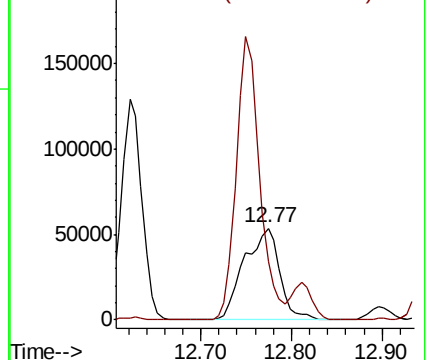
75 100

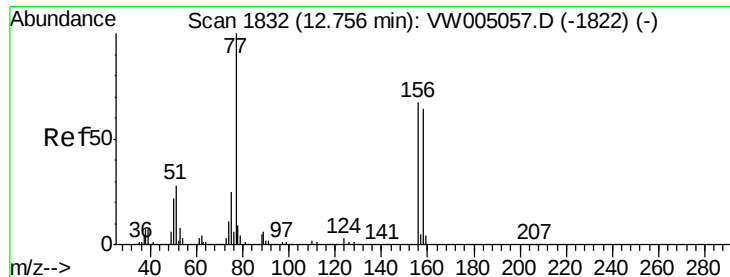
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

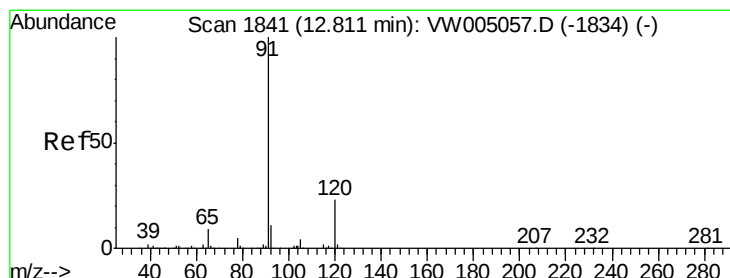
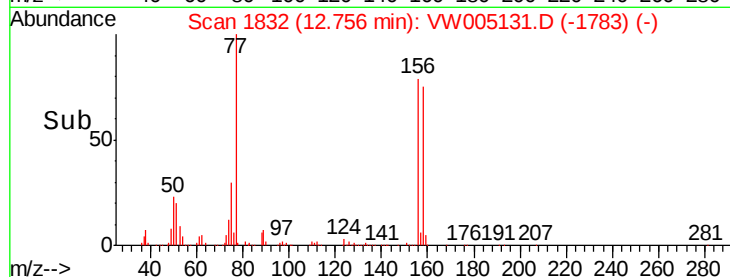
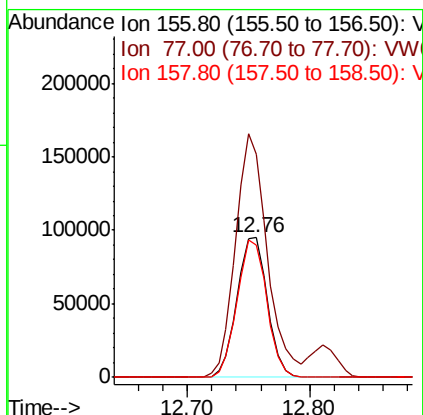
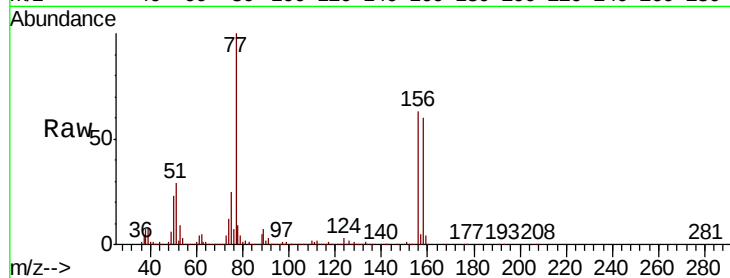




#77
Bromobenzene
Concen: 20.75 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

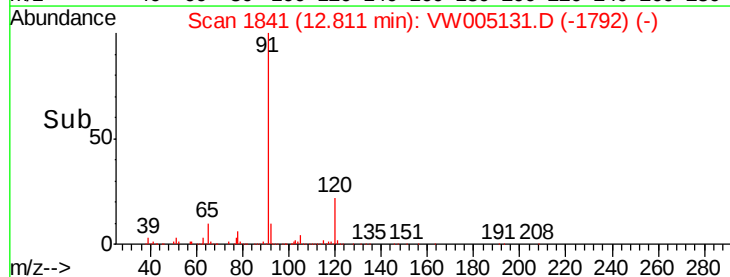
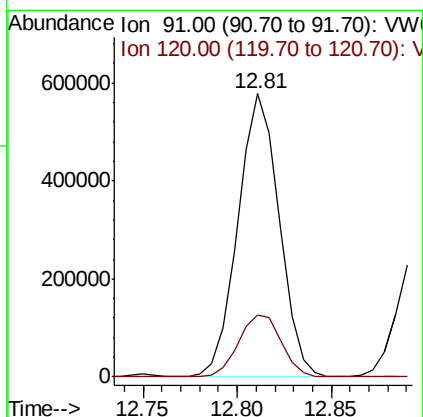
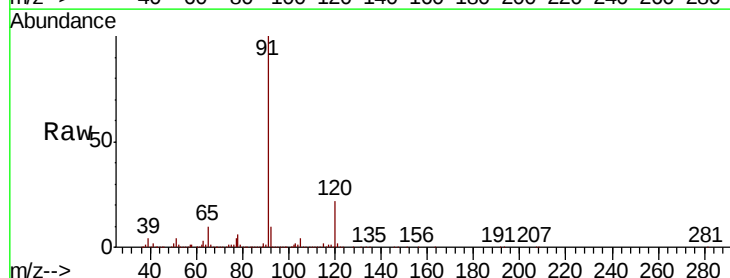
Instrument :
MSVOA_W
ClientSampleId :
VW0905SBSD01

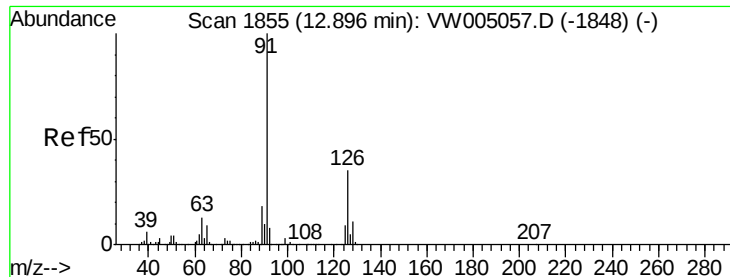
Tot Ion:156 Resp: 163401
Ion Ratio Lower Upper
156 100
77 181.6 85.8 257.4
158 96.0 48.1 144.4



#78
n-propylbenzene
Concen: 22.65 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Tgt Ion: 91 Resp: 873728
Ion Ratio Lower Upper
91 100
120 22.9 11.8 35.3





#79

2-Chlorotoluene

Concen: 21.87 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

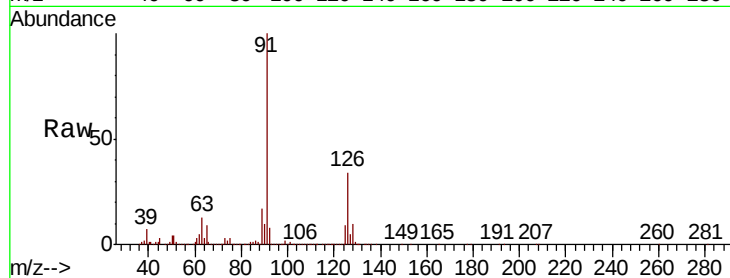
VW0905SBSD01

Tot Ion: 91 Resp: 492246

Ion Ratio Lower Upper

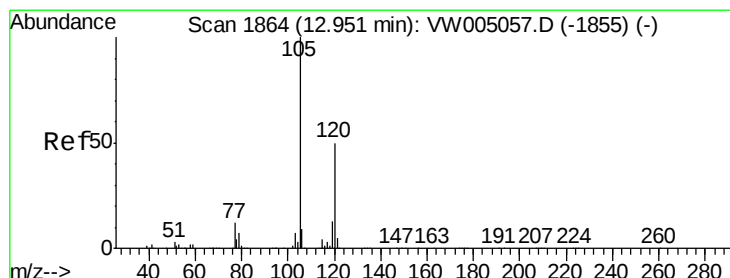
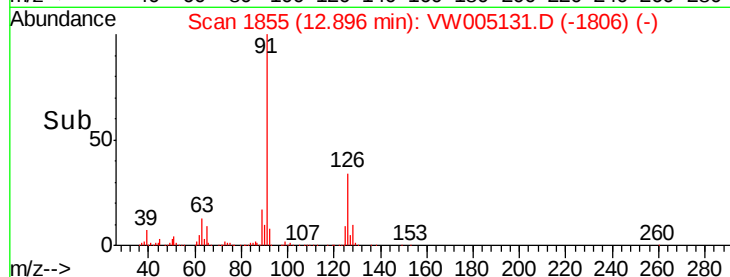
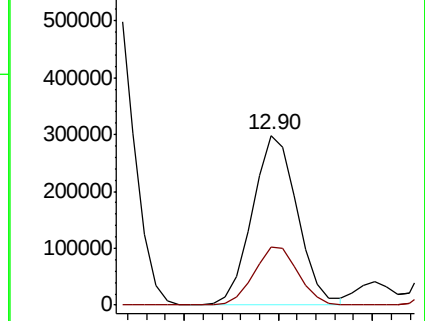
91 100

126 33.9 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: 22.01 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW005131.D

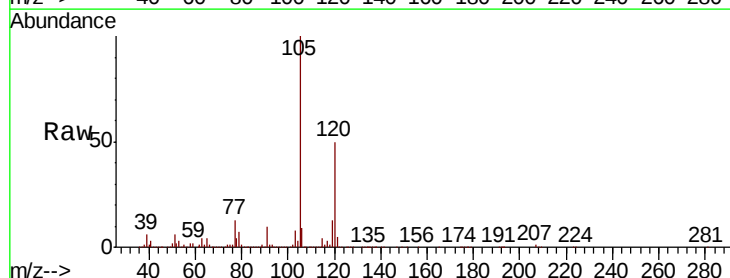
Acq: 05 Sep 2018 16:12

Tgt Ion:105 Resp: 608197

Ion Ratio Lower Upper

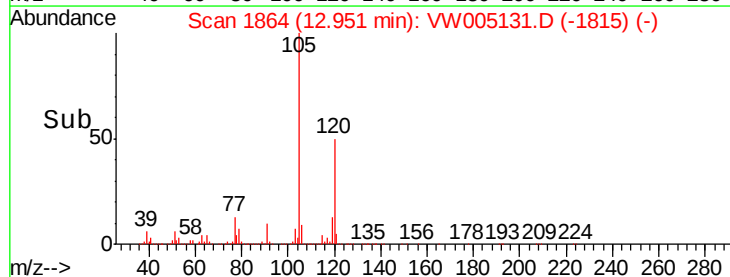
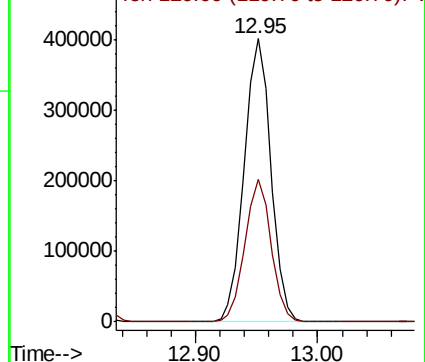
105 100

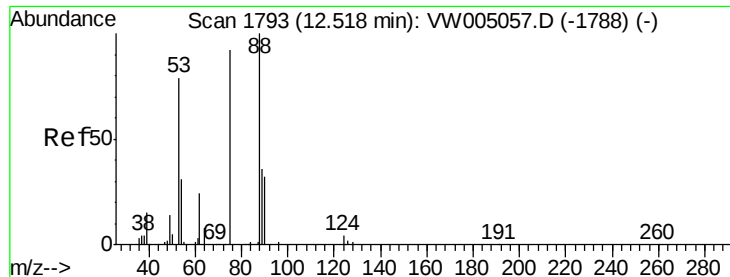
120 49.4 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 23.54 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Instrument :

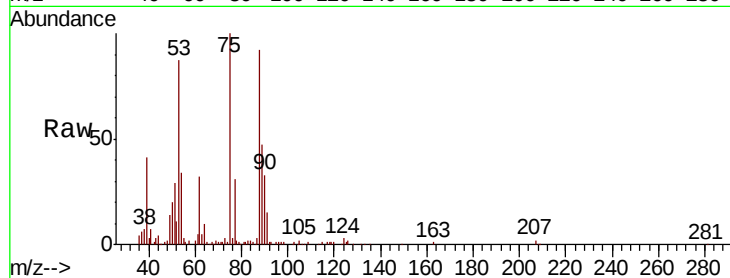
MSVOA_W

ClientSampleId :

VW0905SBSD01

Tot Ion: 75 Resp: 33270

Ion	Ratio	Lower	Upper
75	100		
53	88.3	69.8	104.8
89	45.4	36.0	54.0

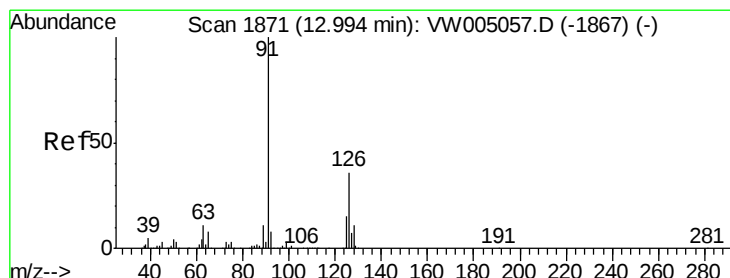
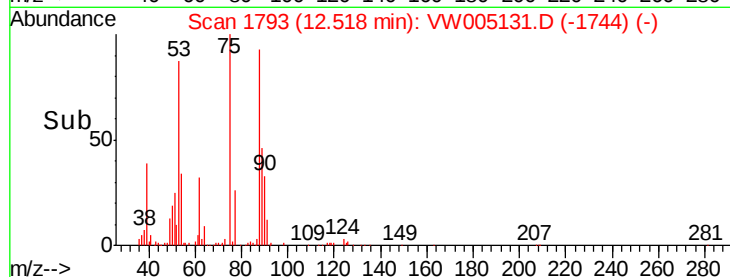
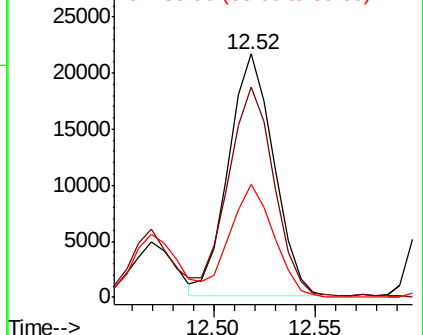


Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 22.14 ug/l

RT: 12.99 min Scan# 1871

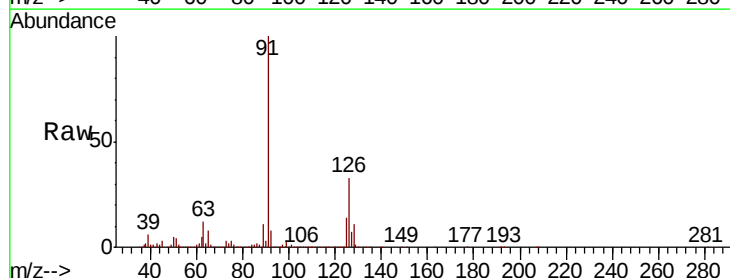
Delta R.T. 0.00 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Tgt Ion: 91 Resp: 526056

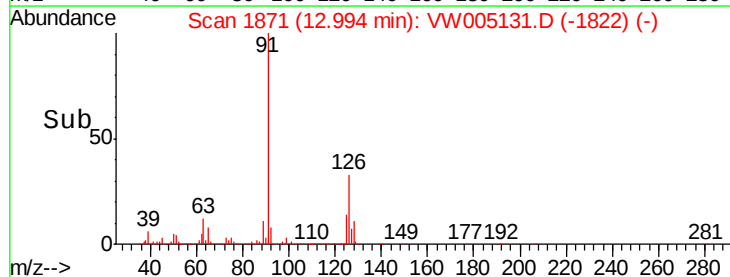
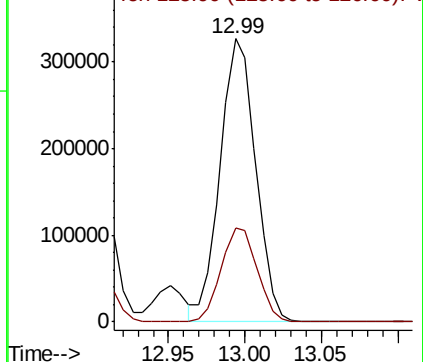
Ion	Ratio	Lower	Upper
91	100		
126	33.7	17.4	52.3

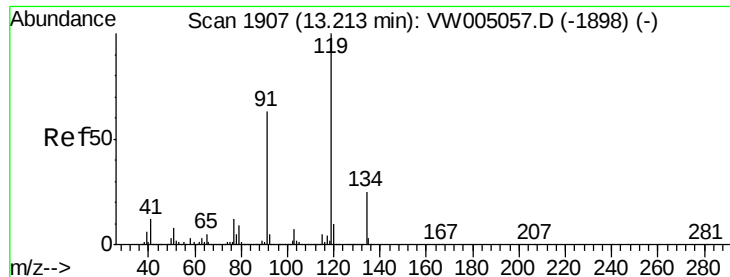


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

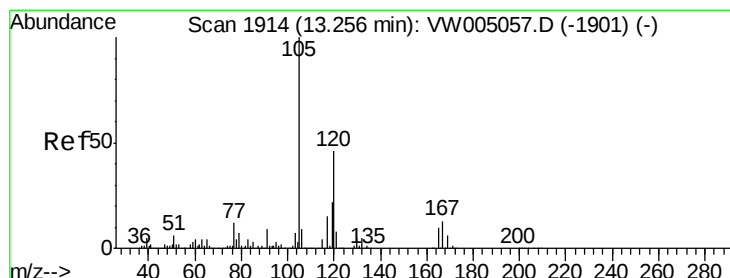
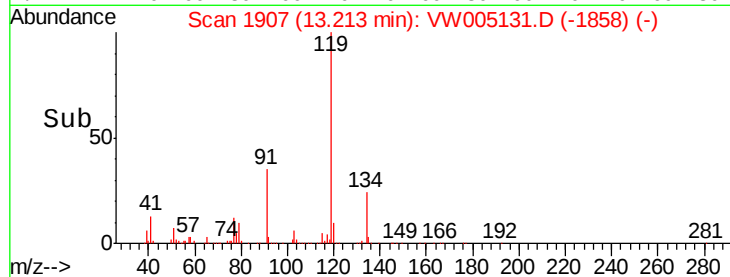
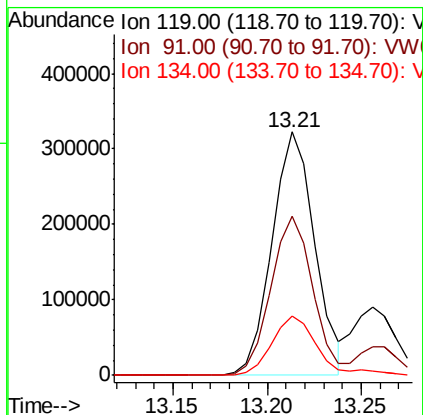
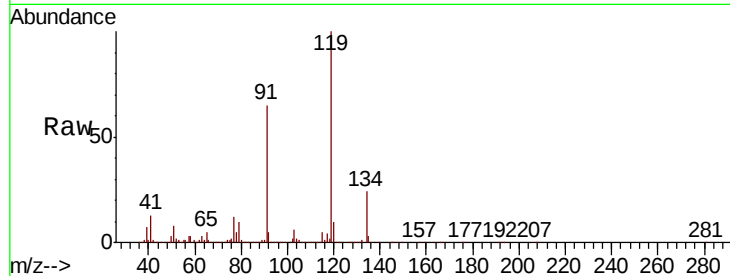




#83
tert-Butylbenzene
Concen: 21.96 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

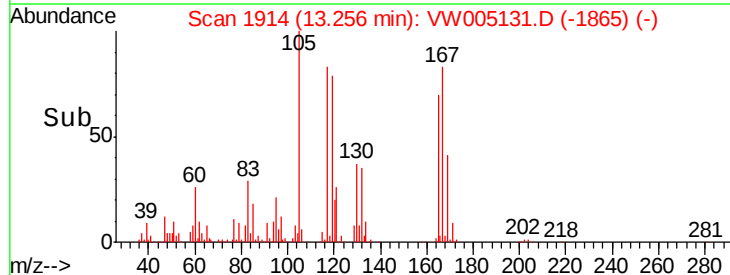
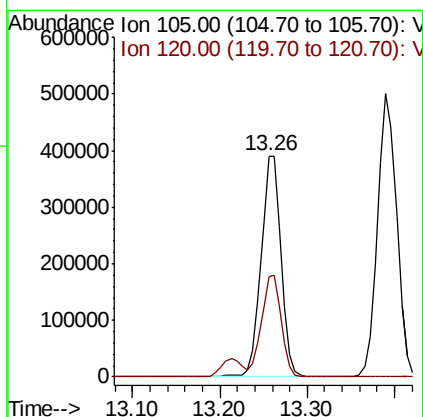
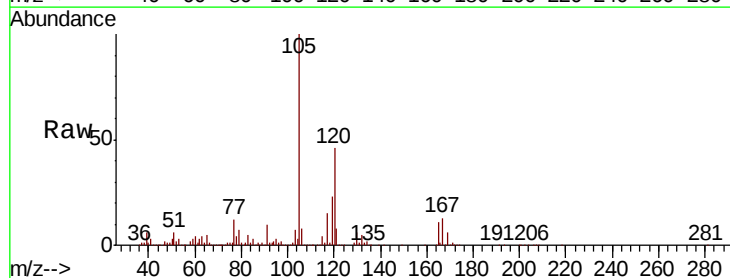
Instrument :
MSVOA_W
ClientSampleId :
VW0905SBSD01

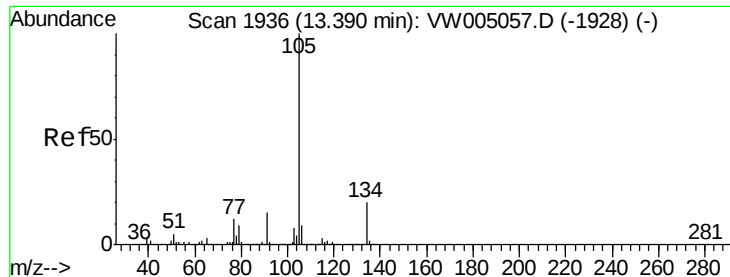
Tot Ion:119 Resp: 506680
Ion Ratio Lower Upper
119 100
91 64.9 31.8 95.4
134 26.3 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 22.06 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Tgt Ion:105 Resp: 620863
Ion Ratio Lower Upper
105 100
120 45.4 23.1 69.3

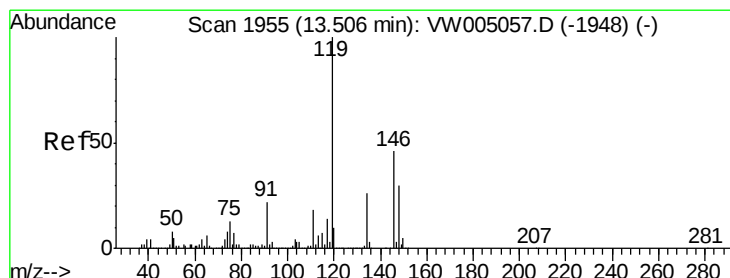
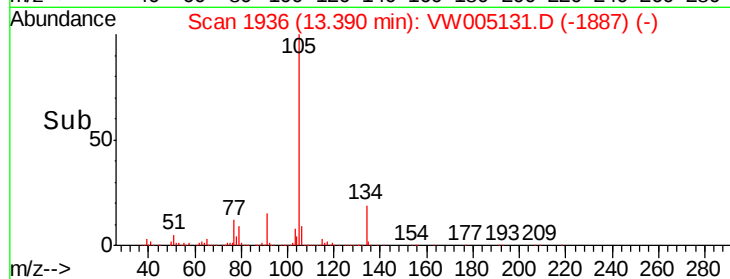
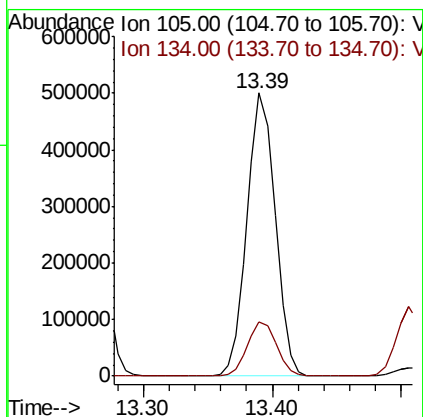
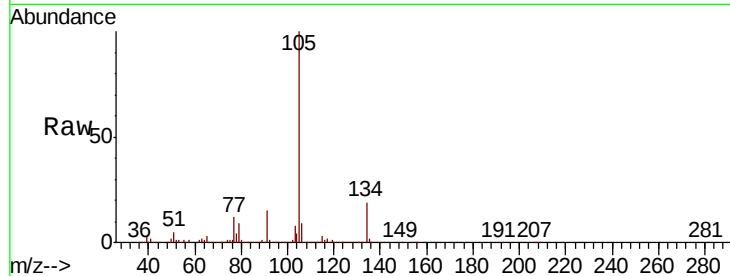




#85
 sec-Butylbenzene
 Concen: 22.34 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

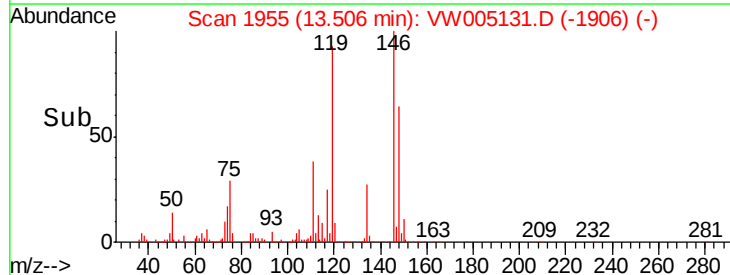
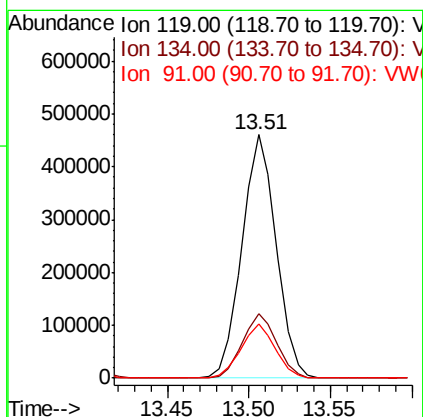
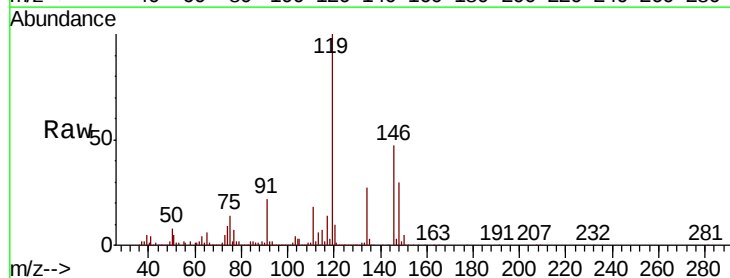
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBSD01

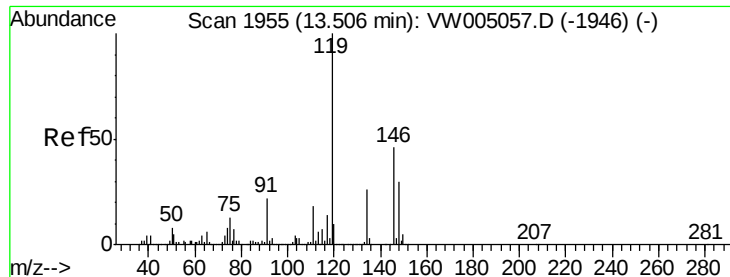
Tot Ion:105 Resp: 757560
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 22.40 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

Tgt Ion:119 Resp: 672517
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 22.4 10.9 32.9

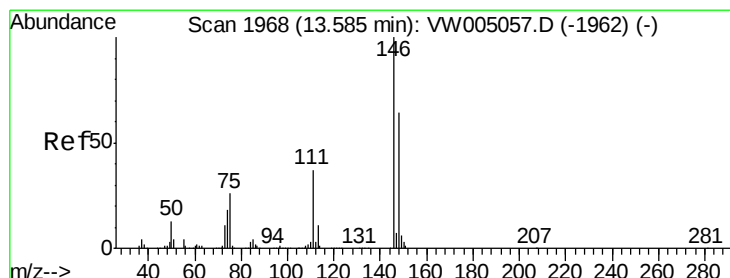
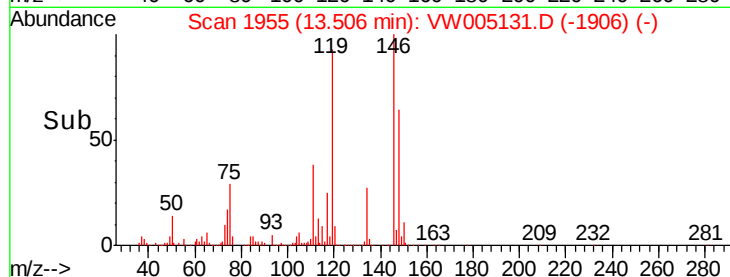
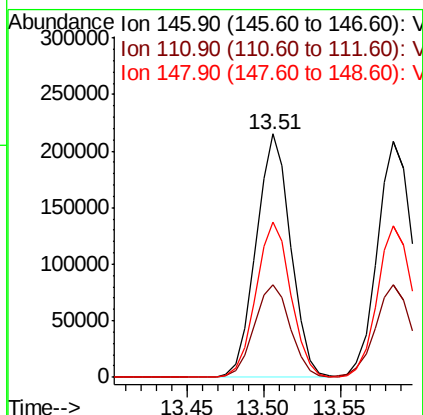
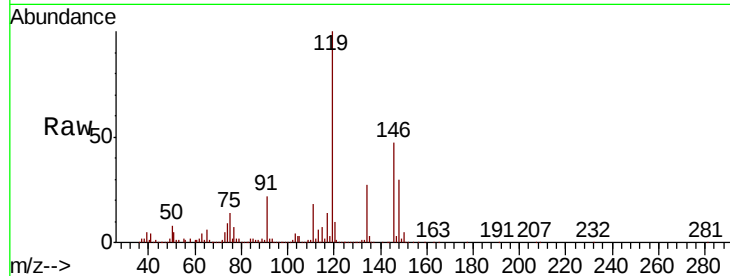




#87
 1,3-Dichlorobenzene
 Concen: 20.97 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

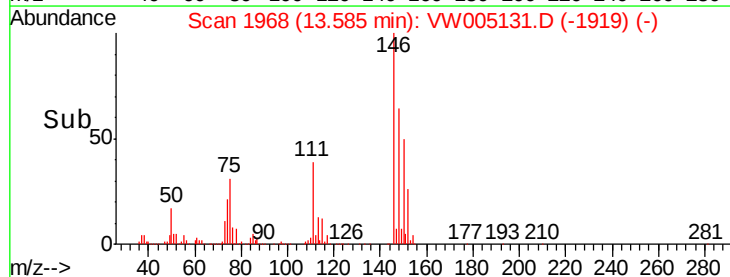
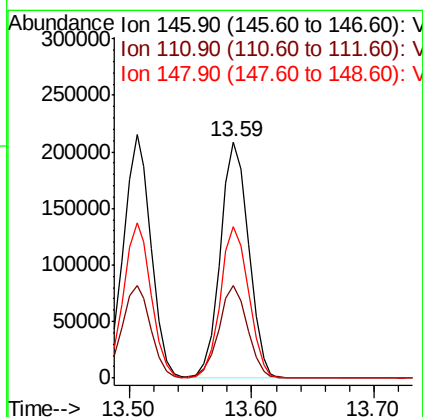
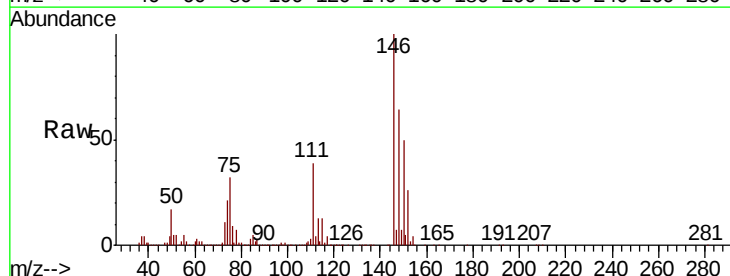
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBSD01

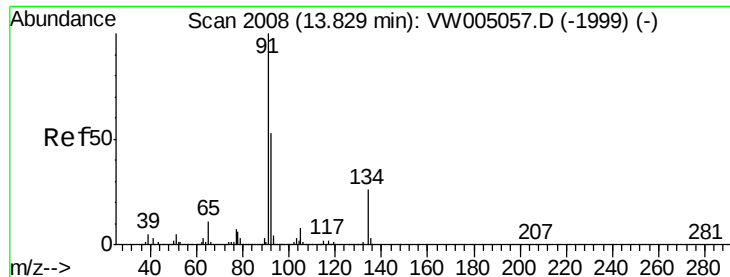
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.2	57.6
148	64.1	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 20.84 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	18.6	56.0
148	64.3	32.0	96.0





#89

n-Butylbenzene

Concen: 22.95 ug/l

RT: 13.84 min Scan# 2009

Delta R.T. 0.01 min

Lab File: VW005131.D

Acq: 05 Sep 2018 16:12

Instrument :

MSVOA_W

ClientSampleID :

VW0905SBSD01

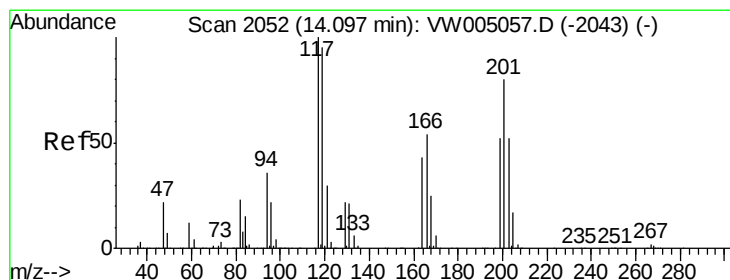
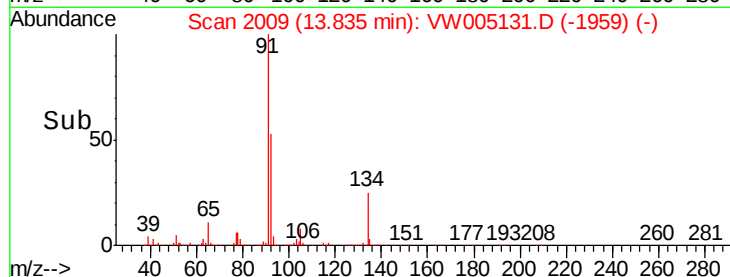
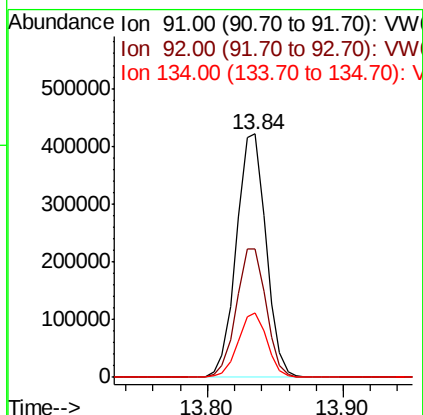
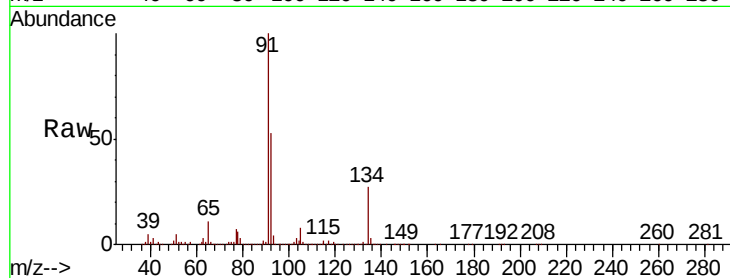
Tot Ion: 91 Resp: 638402

Ion Ratio Lower Upper

91 100

92 53.2 26.5 79.5

134 26.0 13.5 40.4



#90

Hexachloroethane

Concen: 20.49 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.01 min

Lab File: VW005131.D

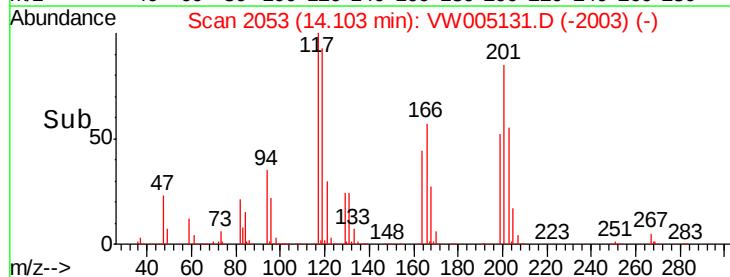
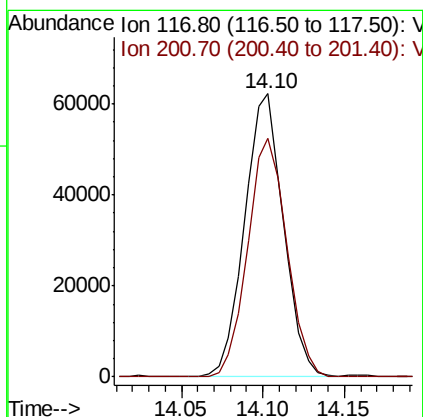
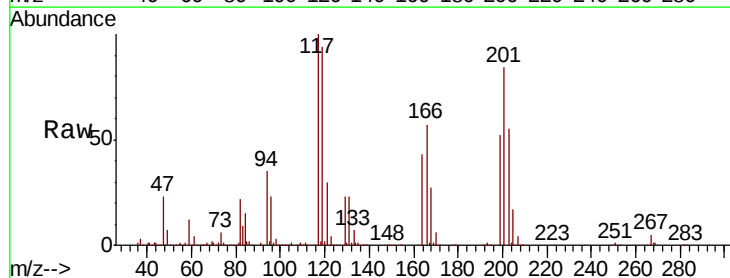
Acq: 05 Sep 2018 16:12

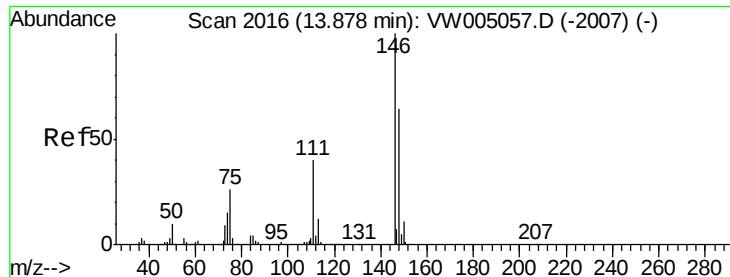
Tgt Ion: 117 Resp: 102176

Ion Ratio Lower Upper

117 100

201 85.6 44.6 133.8

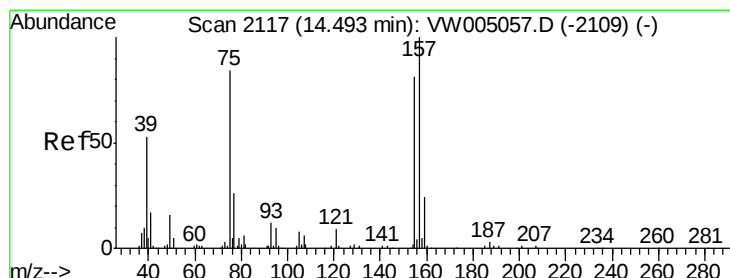
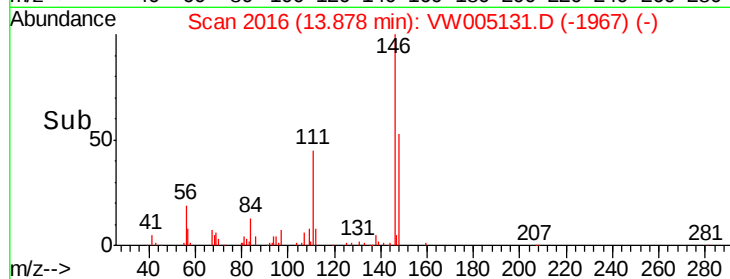
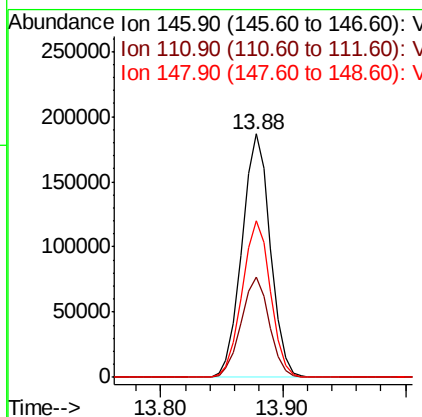
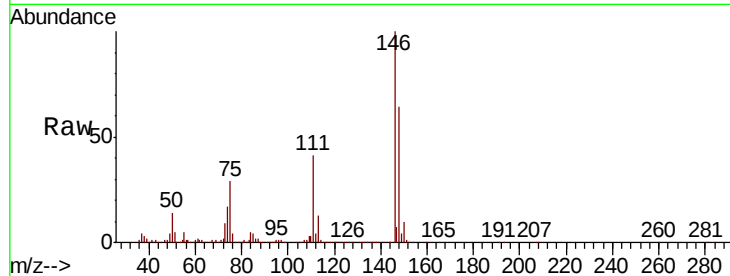




#91
 1,2-Dichlorobenzene
 Concen: 21.23 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

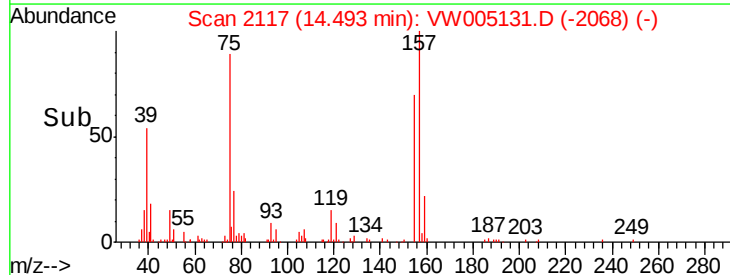
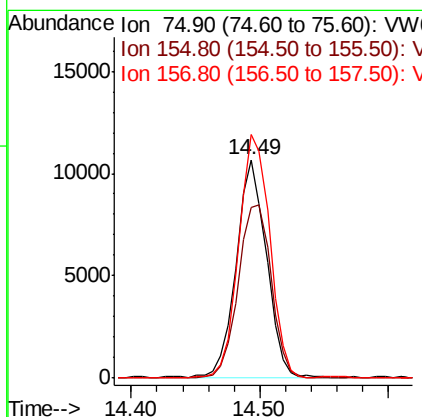
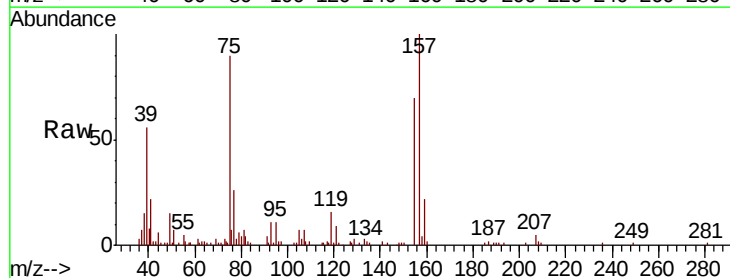
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBSD01

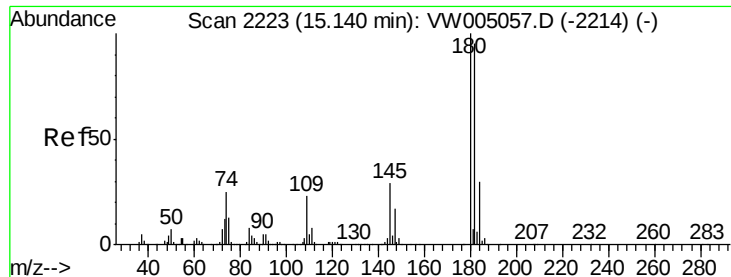
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	19.9	59.7
148	64.4	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.85 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.5	46.0	137.8
157	114.2	58.6	175.7

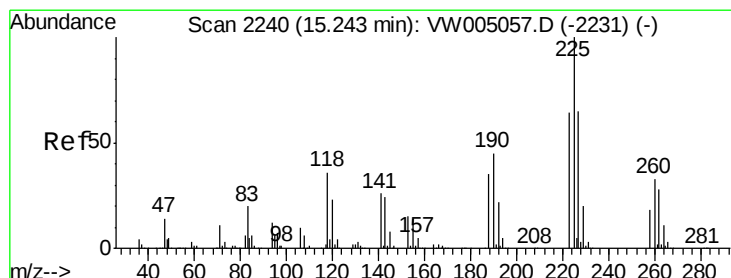
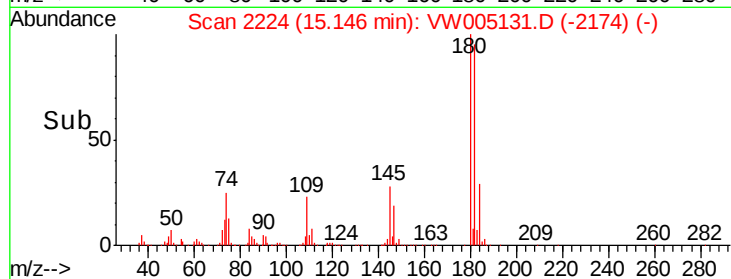
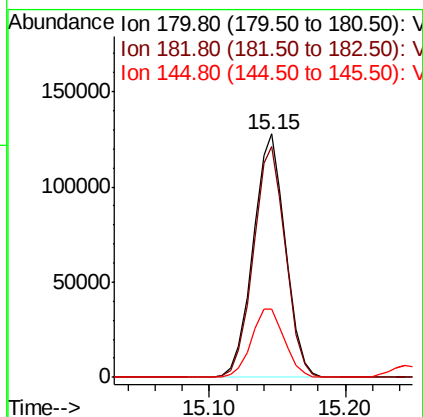
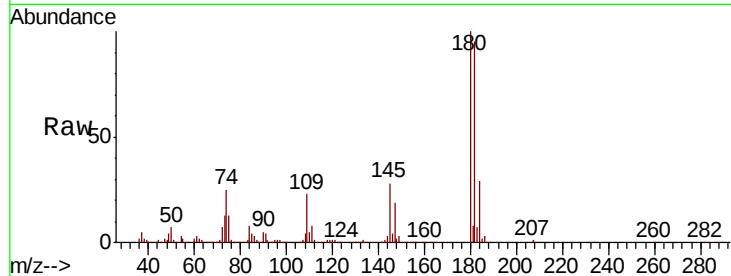




#93
 1,2,4-Trichlorobenzene
 Concen: 22.41 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.01 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

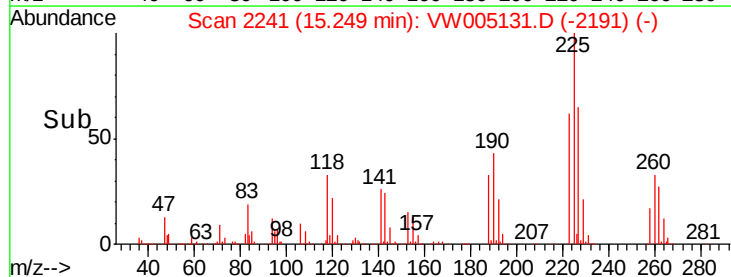
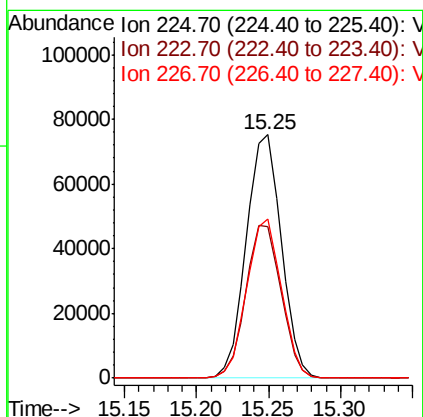
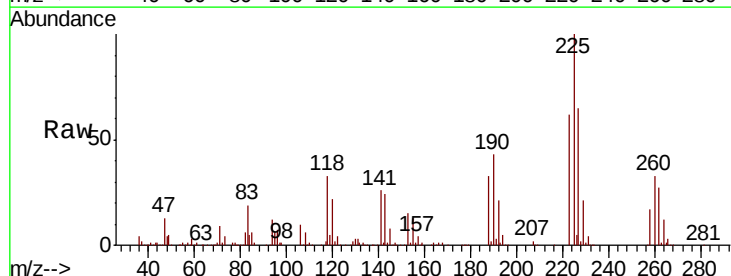
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBSD01

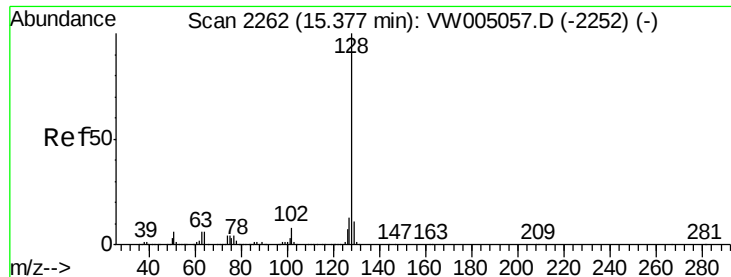
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.5	142.6
145	28.9	14.4	43.2



#94
 Hexachlorobutadiene
 Concen: 21.59 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.01 min
 Lab File: VW005131.D
 Acq: 05 Sep 2018 16:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.4	94.3
227	64.7	32.0	96.0

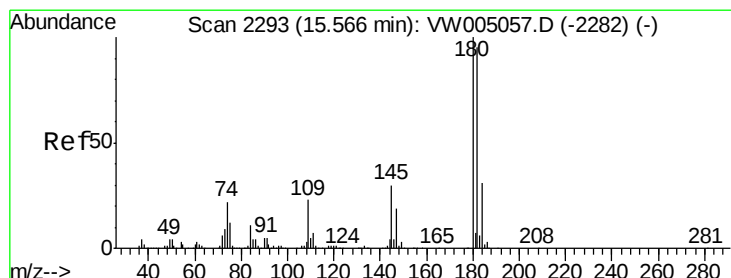
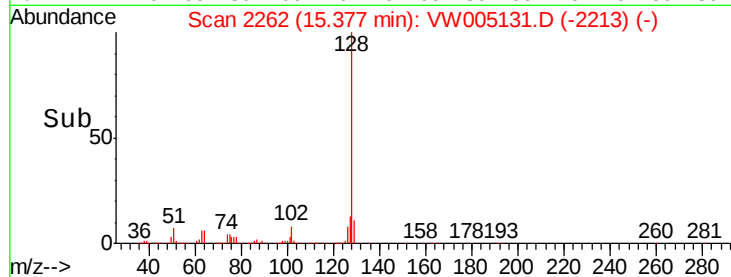
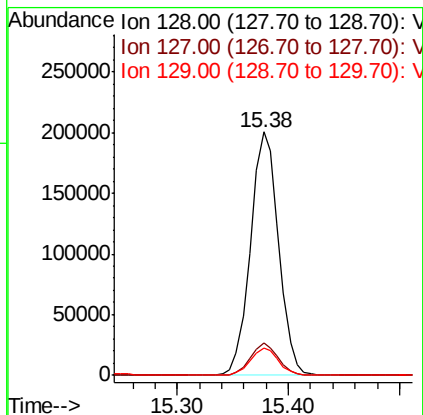
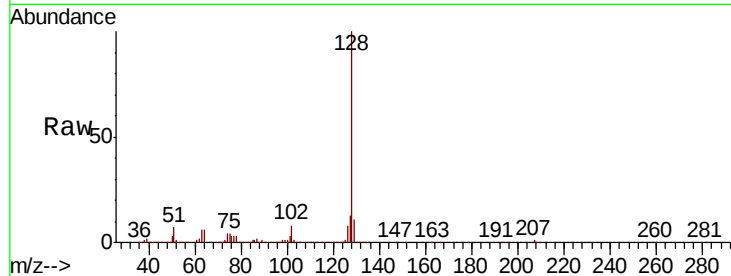




#95
Naphthalene
Concen: 23.80 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBSD01

Tot Ion:128 Resp: 351793
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 22.72 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW005131.D
Acq: 05 Sep 2018 16:12

Tgt Ion:180 Resp: 183766
Ion Ratio Lower Upper
180 100
182 95.7 47.4 142.3
145 31.0 15.4 46.1

