

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090718\
 Data File : VW005202.D
 Acq On : 07 Sep 2018 10:38
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Sep 07 16:15:27 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	532011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	750726	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	727954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	385482	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	201721	45.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.48%	
35) Dibromofluoromethane	7.89	113	206023	47.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.98%	
50) Toluene-d8	10.33	98	1042228	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	
62) 4-Bromofluorobenzene	12.62	95	375217	53.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	221003	51.550	ug/l	99
3) Chloromethane	2.21	50	338366	54.389	ug/l	98
4) Vinyl Chloride	2.36	62	333505	55.126	ug/l	100
5) Bromomethane	2.77	94	217144	60.170	ug/l	100
6) Chloroethane	2.92	64	194711	51.707	ug/l	99
7) Trichlorofluoromethane	3.26	101	363947	53.479	ug/l	98
8) Diethyl Ether	3.69	74	123075	49.983	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	252885	54.098	ug/l	98
10) Methyl Iodide	4.28	142	229455	34.156	ug/l	99
11) Tert butyl alcohol	5.19	59	78433	319.997	ug/l	98
12) 1,1-Dichloroethene	4.04	96	227525	52.889	ug/l	96
13) Acrolein	3.90	56	73334	256.188	ug/l	99
14) Allyl chloride	4.68	41	372078	55.330	ug/l	99
15) Acrylonitrile	5.38	53	280761	270.326	ug/l	99
16) Acetone	4.14	43	245198	277.234	ug/l	99
17) Carbon Disulfide	4.39	76	791505	52.802	ug/l	98
18) Methyl Acetate	4.68	43	131506	50.545	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	561728	53.774	ug/l	99
20) Methylene Chloride	4.92	84	314197	52.806	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	262634	50.108	ug/l	99
22) Diisopropyl ether	6.32	45	789990	55.827	ug/l	97
23) Vinyl Acetate	6.26	43	2097292	282.168	ug/l	99
24) 1,1-Dichloroethane	6.22	63	458894	51.882	ug/l	98
25) 2-Butanone	7.18	43	422615	275.489	ug/l	98
26) 2,2-Dichloropropane	7.18	77	413986	56.956	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	290264	50.625	ug/l	96
28) Bromochloromethane	7.52	49	181161	50.887	ug/l	95
29) Tetrahydrofuran	7.54	42	211431	269.738	ug/l	98
30) Chloroform	7.68	83	449474	49.789	ug/l	99
31) Cyclohexane	7.96	56	483299	55.798	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	411819	52.379	ug/l	99
36) 1,1-Dichloropropene	8.09	75	402433	56.285	ug/l	99
37) Ethyl Acetate	7.26	43	147992	55.347	ug/l	100
38) Carbon Tetrachloride	8.07	117	363832	53.517	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090718\
 Data File : VW005202.D
 Acq On : 07 Sep 2018 10:38
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Sep 07 16:15:27 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	524857	60.700	ug/l	99
40) Benzene	8.33	78	1179933	53.907	ug/l	99
41) Methacrylonitrile	7.49	41	80700	52.089	ug/l	93
42) 1,2-Dichloroethane	8.40	62	266376	49.726	ug/l	99
43) Isopropyl Acetate	8.43	43	275131	56.546	ug/l	98
44) Trichloroethene	9.10	130	309591	52.422	ug/l	97
45) 1,2-Dichloropropane	9.37	63	288260	53.909	ug/l	98
46) Dibromomethane	9.46	93	126843	49.609	ug/l	97
47) Bromodichloromethane	9.65	83	332059	51.577	ug/l	98
48) Methyl methacrylate	9.44	41	147874	63.116	ug/l	88
49) 1,4-Dioxane	9.46	88	47971	1160.159	ug/l #	86
51) 4-Methyl-2-Pentanone	10.21	43	953536	292.411	ug/l	100
52) Toluene	10.39	92	825811	55.682	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	351396	55.547	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	427271	55.536	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	200997	50.772	ug/l	97
56) Ethyl methacrylate	10.65	69	273377	60.529	ug/l	99
57) 1,3-Dichloropropane	10.94	76	345240	52.972	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	601851	281.223	ug/l	98
59) 2-Hexanone	10.98	43	717714	325.409	ug/l	100
60) Dibromochloromethane	11.13	129	228785	51.119	ug/l	99
61) 1,2-Dibromoethane	11.24	107	186274	52.118	ug/l	99
64) Tetrachloroethene	10.87	164	296221	51.863	ug/l	98
65) Chlorobenzene	11.66	112	894284	54.569	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	261742	52.265	ug/l	99
67) Ethyl Benzene	11.74	91	1626431	58.706	ug/l	100
68) m/p-Xylenes	11.85	106	1289569	116.253	ug/l	99
69) o-Xylene	12.17	106	602444	58.741	ug/l	100
70) Styrene	12.19	104	983491	58.052	ug/l	99
71) Bromoform	12.35	173	135676	51.116	ug/l #	99
73) Isopropylbenzene	12.47	105	1648700	60.657	ug/l	100
74) N-amyl acetate	12.28	43	300950	64.303	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	231576	55.966	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	309915	107.107	ug/l #	100
77) Bromobenzene	12.76	156	364074	54.361	ug/l	96
78) n-propylbenzene	12.81	91	2014926	61.408	ug/l	99
79) 2-Chlorotoluene	12.90	91	1109300	57.947	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1404813	59.766	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	73341	61.007	ug/l	98
82) 4-Chlorotoluene	12.99	91	1162677	57.517	ug/l	100
83) tert-Butylbenzene	13.21	119	1205686	61.422	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1415769	59.142	ug/l	99
85) sec-Butylbenzene	13.39	105	1774967	61.529	ug/l	99
86) p-Isopropyltoluene	13.51	119	1573791	61.631	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	764204	55.550	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	745604	54.636	ug/l	99
89) n-Butylbenzene	13.83	91	1516420	64.077	ug/l	99
90) Hexachloroethane	14.10	117	241361	56.902	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	666550	55.589	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	37360	57.778	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090718\
Data File : VW005202.D
Acq On : 07 Sep 2018 10:38
Operator : SY/AP
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Sep 07 16:15:27 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

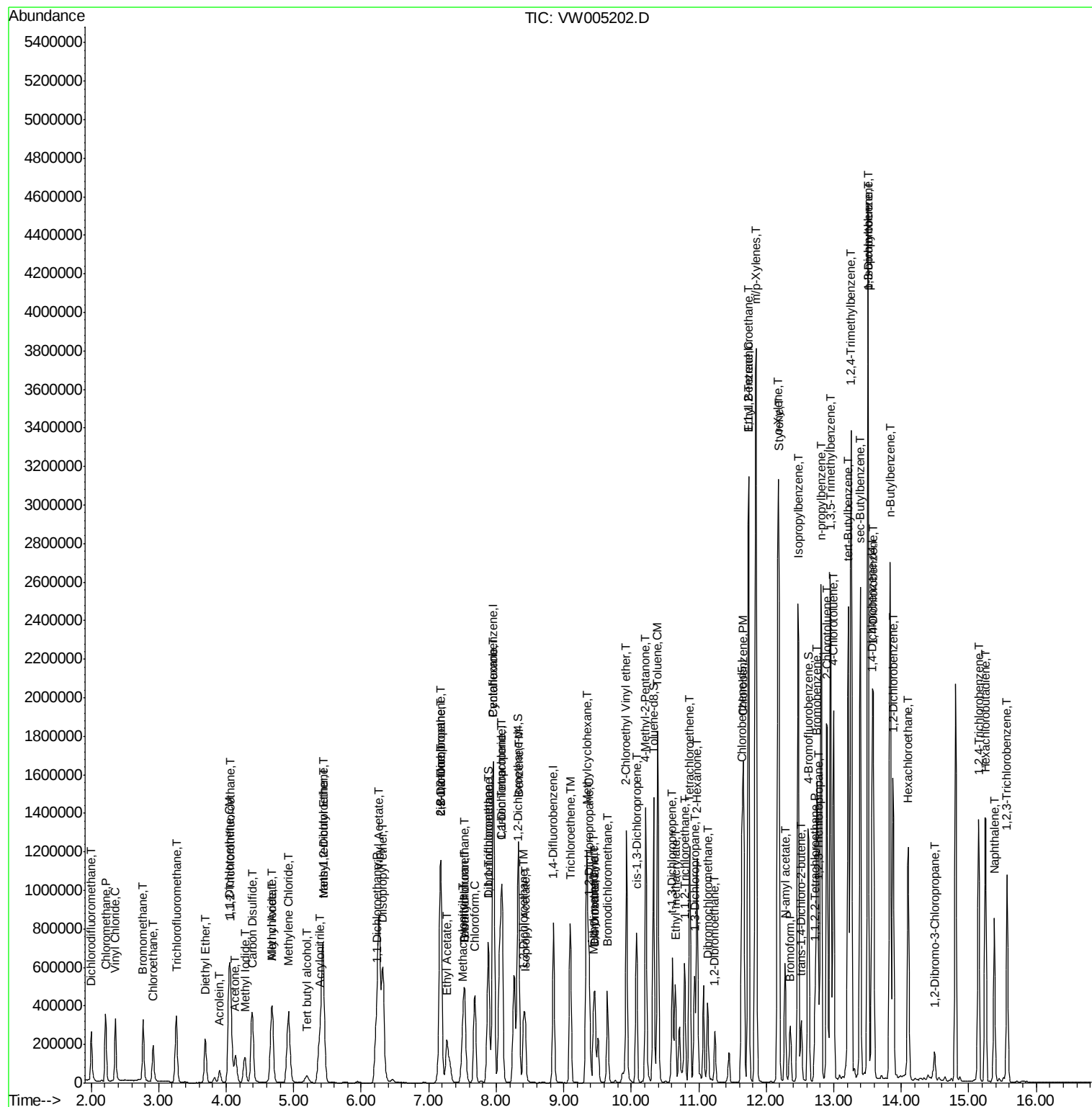
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	471386	58.630	ug/l	100
94) Hexachlorobutadiene	15.25	225	302915	60.577	ug/l	99
95) Naphthalene	15.38	128	760875	54.367	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	397948	57.835	ug/l	100

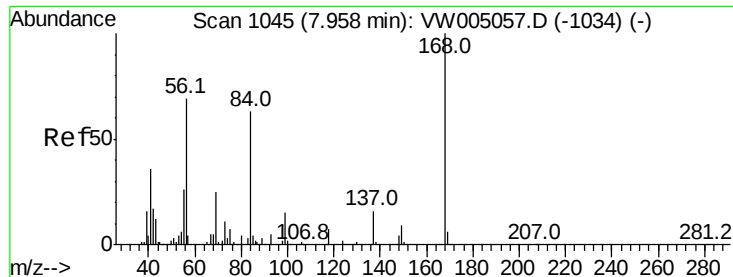
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090718\
Data File : VW005202.D
Acq On : 07 Sep 2018 10:38
Operator : SY/AP
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Sep 07 16:15:27 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005202.D

Acq: 07 Sep 2018 10:38

Instrument :

MSVOA_F

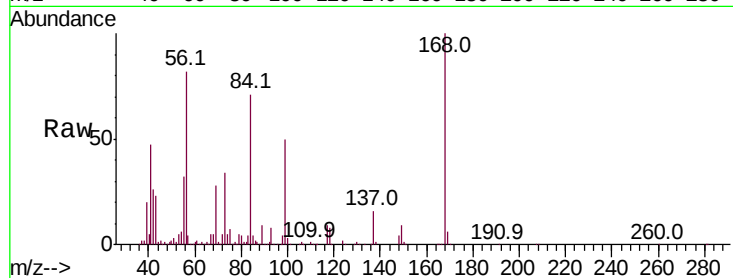
ClientSampleId :

Tot Ion:168 Resp: 532011

Ion Ratio Lower Upper

168 100

99 49.9 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

250000

200000

150000

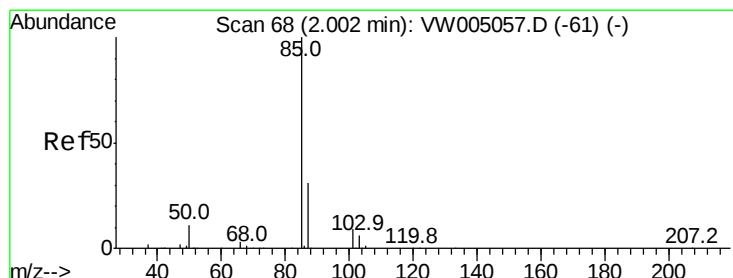
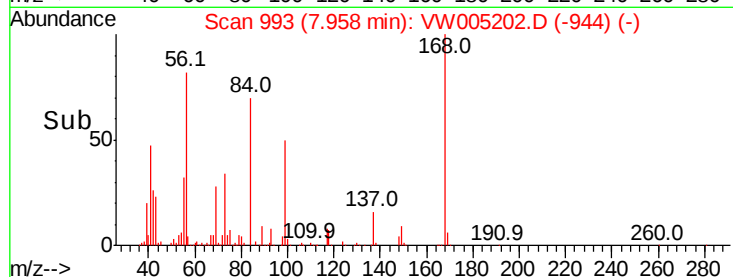
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 51.550 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW005202.D

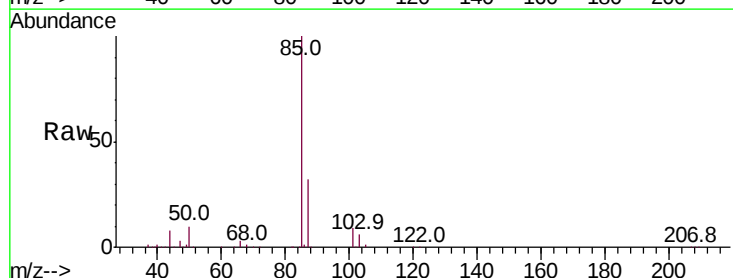
Acq: 07 Sep 2018 10:38

Tgt Ion: 85 Resp: 221003

Ion Ratio Lower Upper

85 100

87 32.2 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

150000

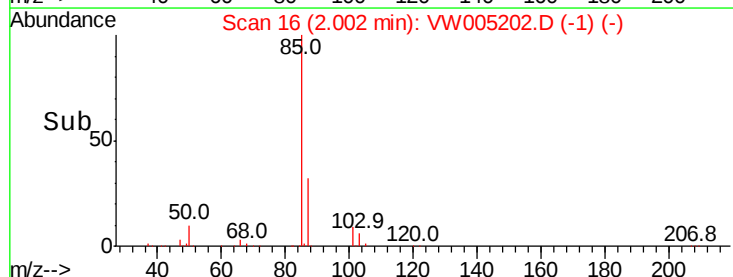
100000

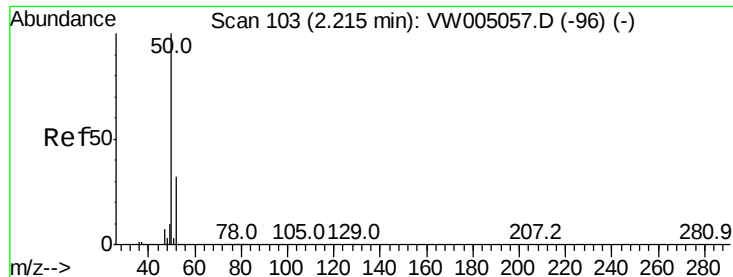
50000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 54.389 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005202.D

Acq: 07 Sep 2018 10:38

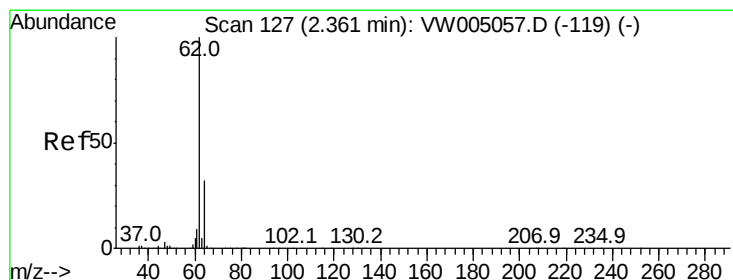
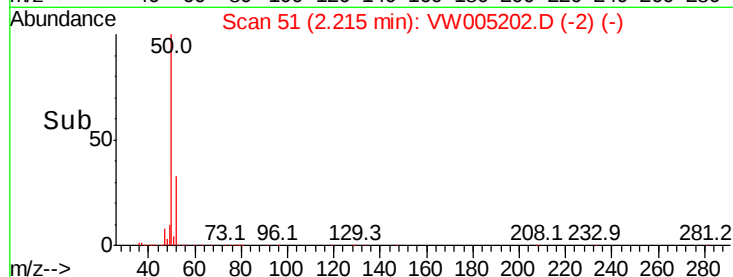
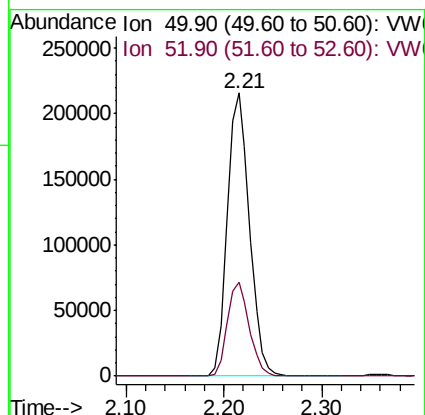
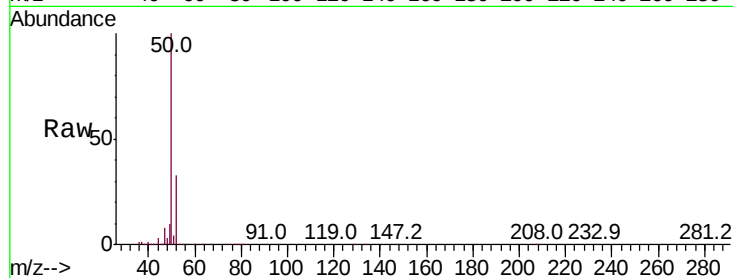
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 50 Resp: 338366

Ion Ratio Lower Upper

50 100

52 33.2 25.8 38.6



#4

Vinyl Chloride

Concen: 55.126 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW005202.D

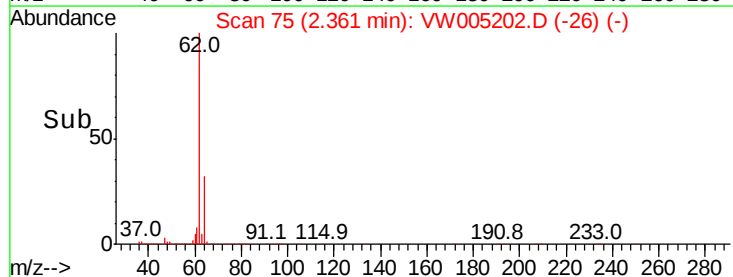
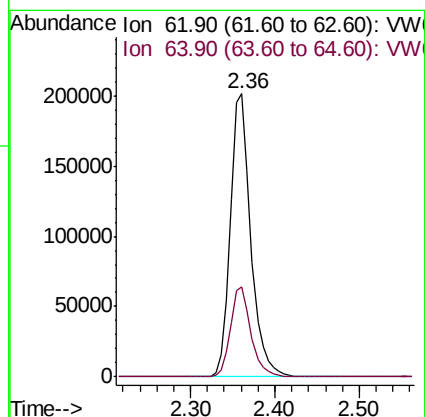
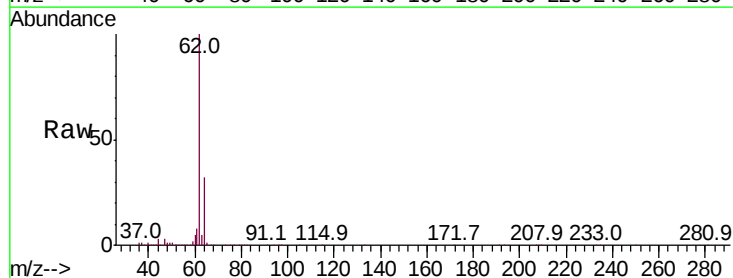
Acq: 07 Sep 2018 10:38

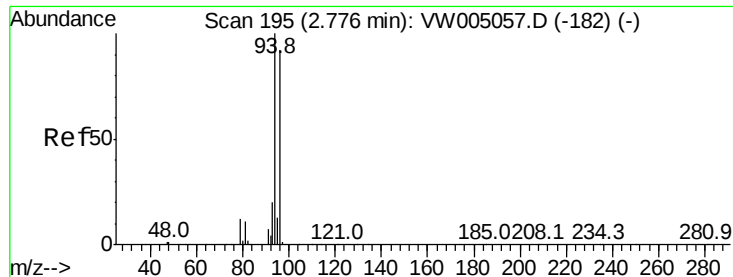
Tgt Ion: 62 Resp: 333505

Ion Ratio Lower Upper

62 100

64 31.7 25.6 38.4





#5

Bromomethane

Concen: 60.170 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW005202.D

Acq: 07 Sep 2018 10:38

Instrument :

MSVOA_F

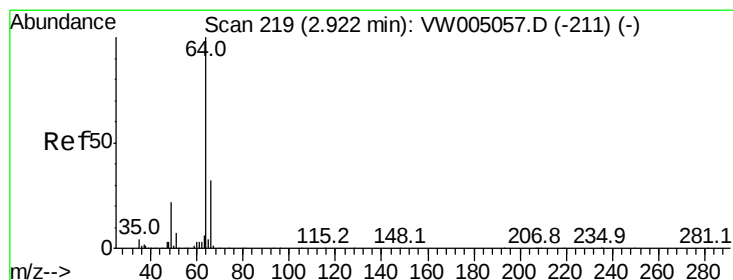
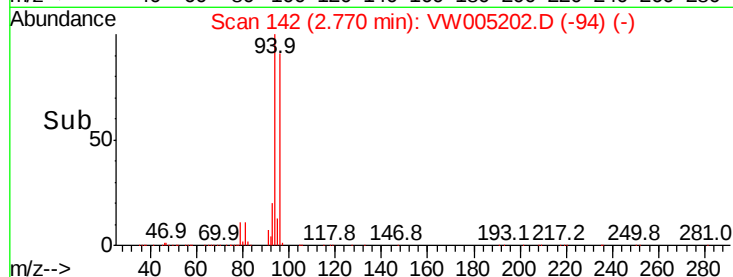
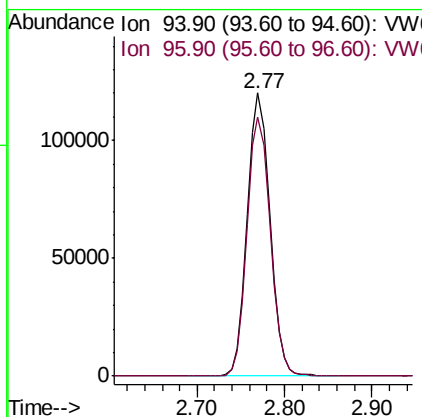
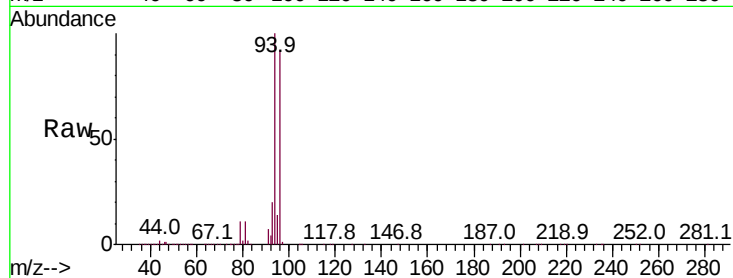
ClientSampleId :

Tot Ion: 94 Resp: 217144

Ion Ratio Lower Upper

94 100

96 91.6 73.2 109.8



#6

Chloroethane

Concen: 51.707 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW005202.D

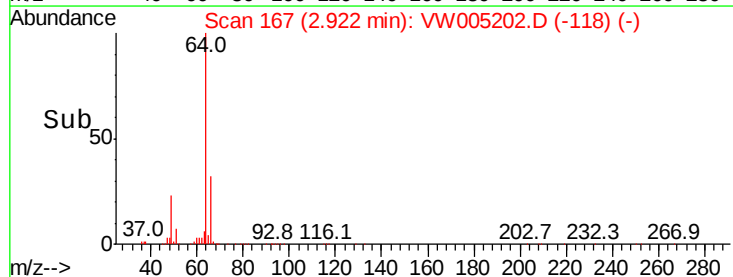
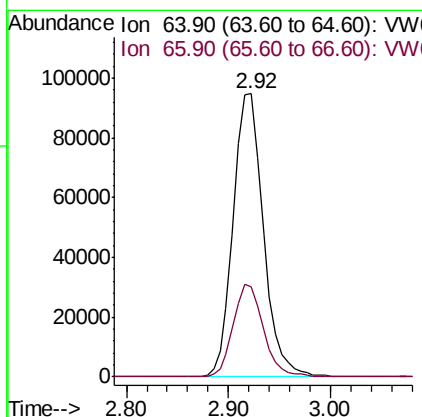
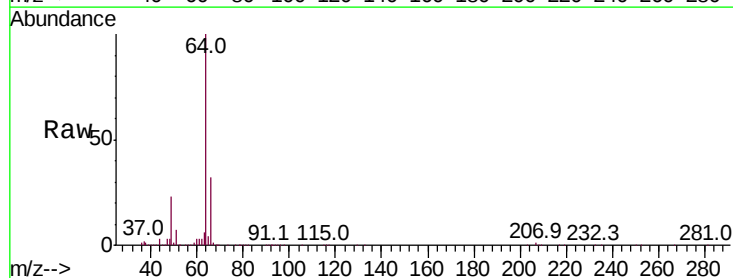
Acq: 07 Sep 2018 10:38

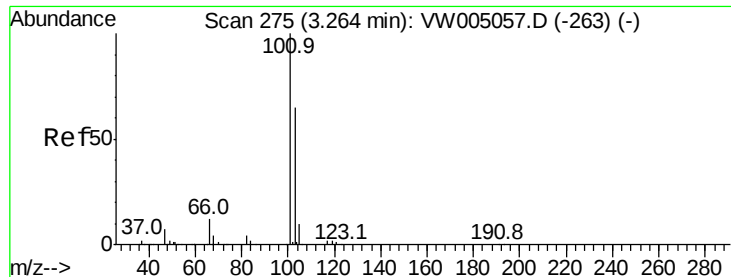
Tgt Ion: 64 Resp: 194711

Ion Ratio Lower Upper

64 100

66 31.6 25.7 38.5



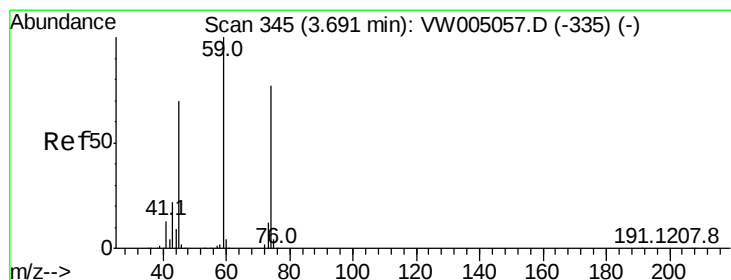
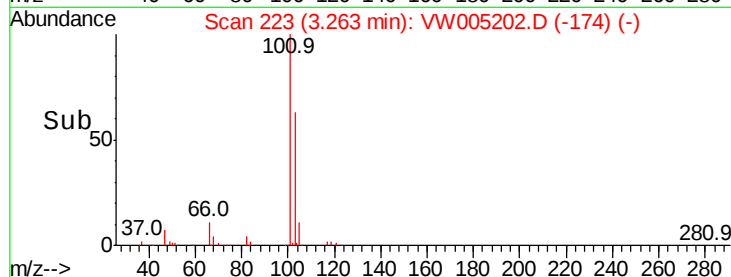
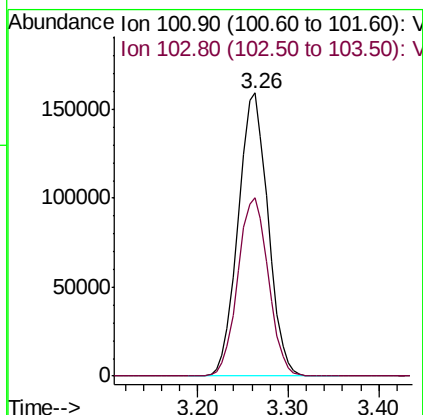
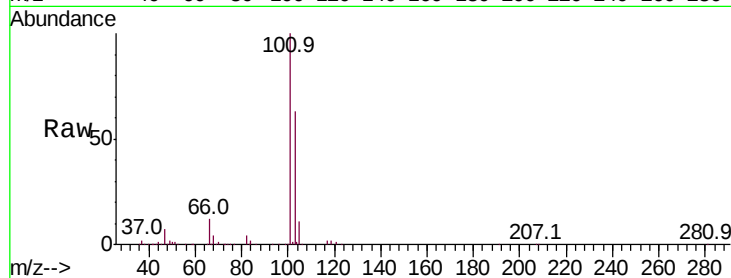


#7

Trichlorofluoromethane
 Concen: 53.479 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW005202.D
 Acq: 07 Sep 2018 10:38

Instrument :
 MSVOA_F
 ClientSampleId :

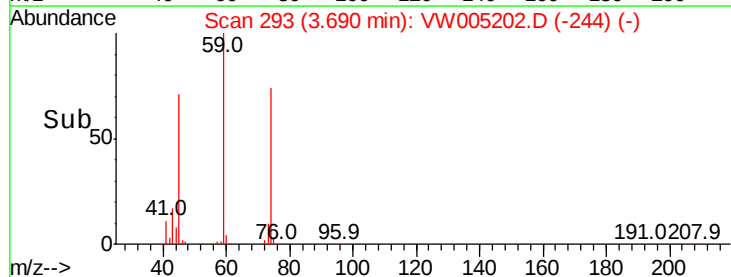
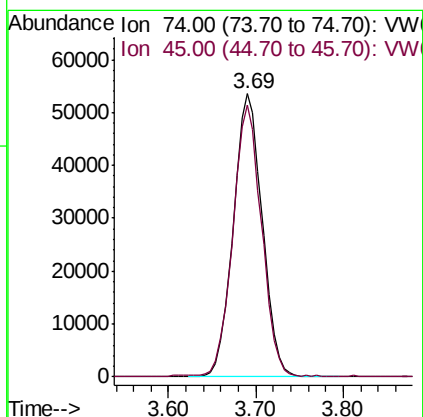
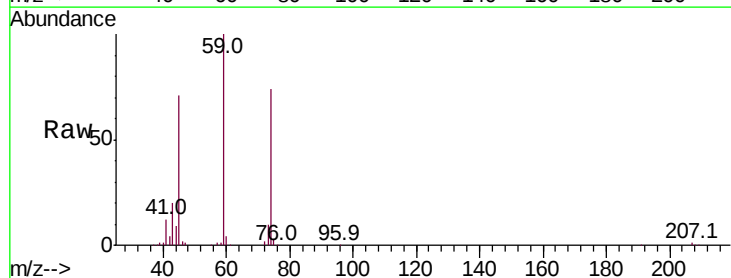
Tot Ion:101 Resp: 363947
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.9 77.9

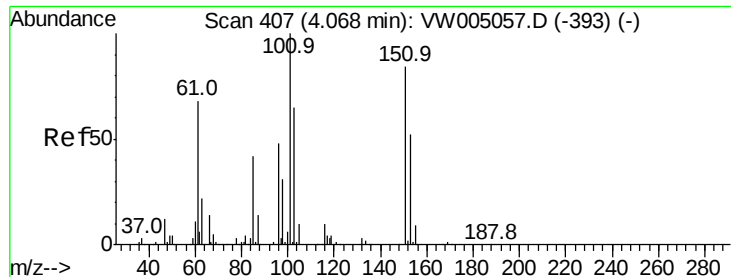


#8

Diethyl Ether
 Concen: 49.983 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW005202.D
 Acq: 07 Sep 2018 10:38

Tgt Ion: 74 Resp: 123075
 Ion Ratio Lower Upper
 74 100
 45 96.1 46.0 137.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.098 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW005202.D

Acq: 07 Sep 2018 10:38

Instrument :

MSVOA_F

ClientSampleId :

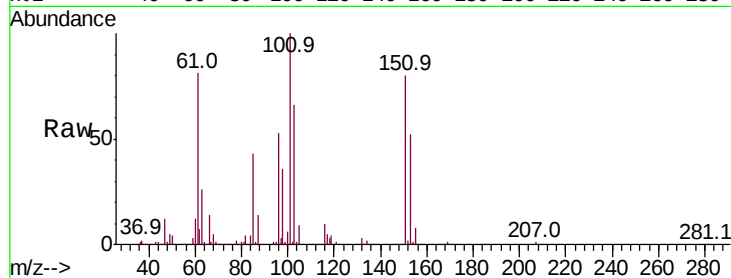
Tot Ion:101 Resp: 252885

Ion Ratio Lower Upper

101 100

85 42.2 33.0 49.6

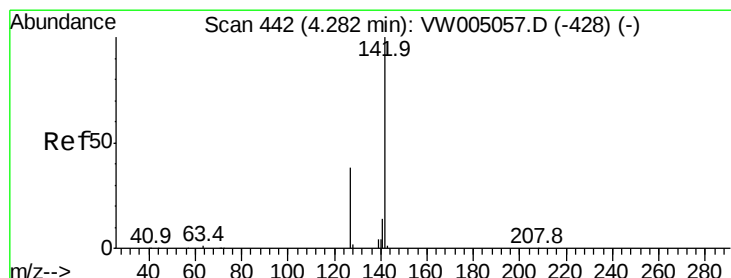
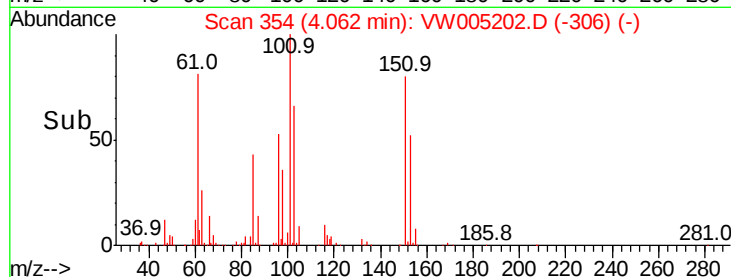
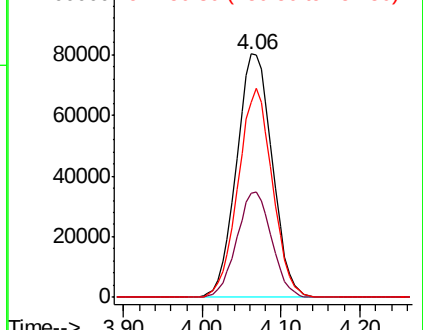
151 82.4 67.0 100.6



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: 34.156 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.01 min

Lab File: VW005202.D

Acq: 07 Sep 2018 10:38

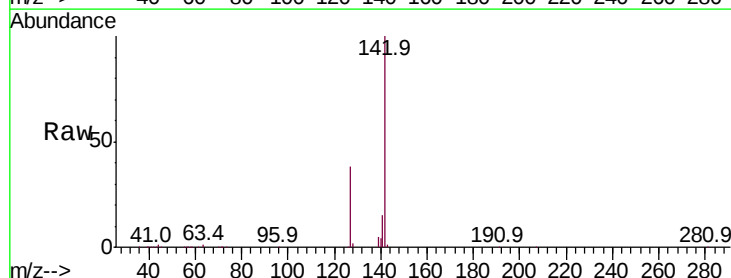
Tgt Ion:142 Resp: 229455

Ion Ratio Lower Upper

142 100

127 37.6 30.8 46.2

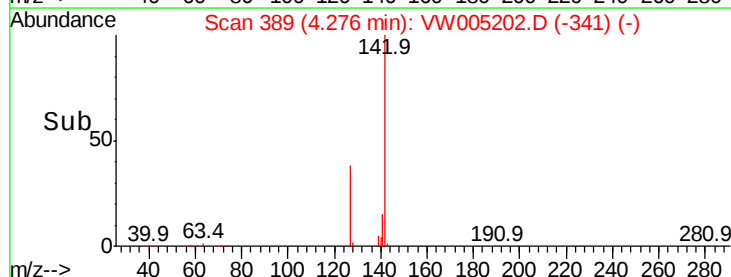
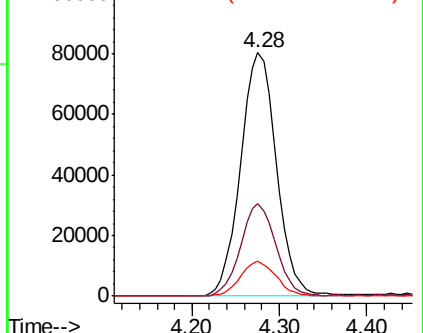
141 14.4 11.6 17.4

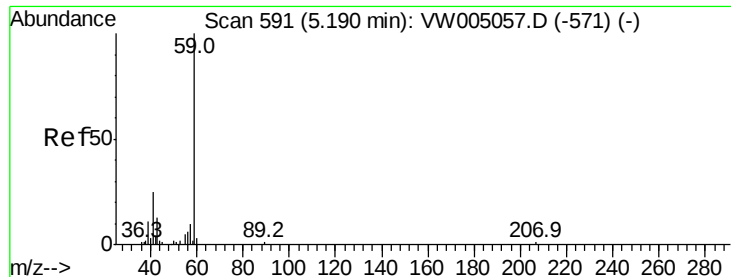


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



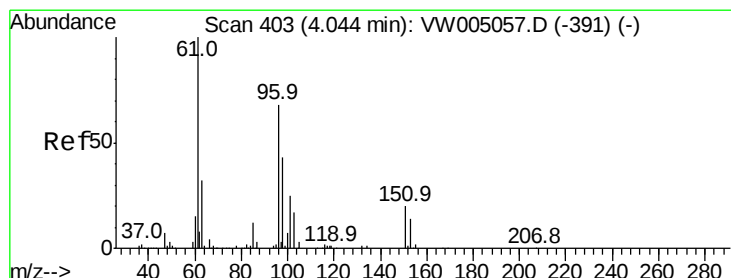
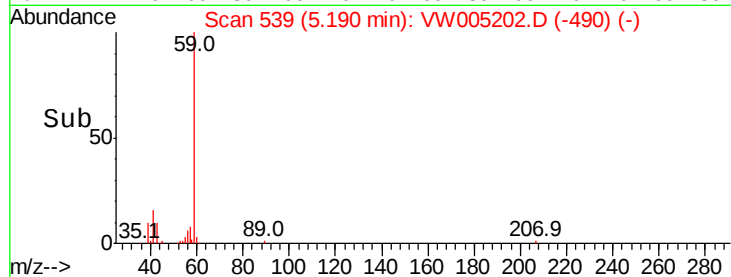
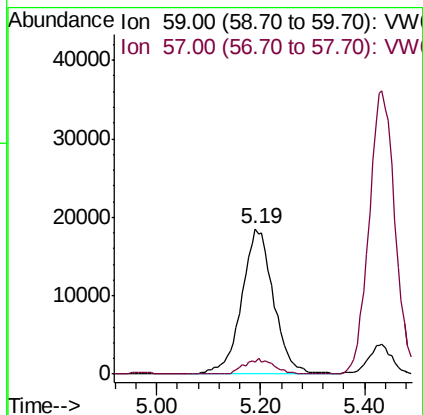
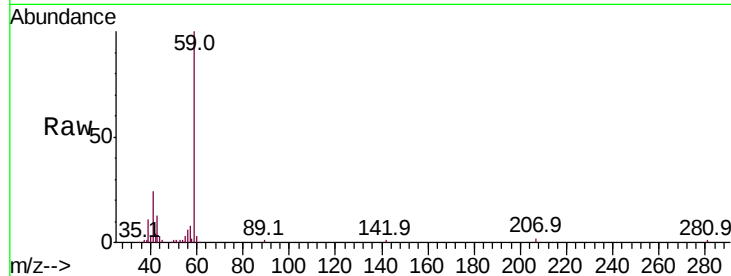


#11

Tert butyl alcohol
 Concen: 319.997 ug/l
 RT: 5.19 min Scan# 539
 Delta R.T. -0.00 min
 Lab File: VW005202.D
 Acq: 07 Sep 2018 10:38

Instrument :
 MSVOA_F
 ClientSampleId :

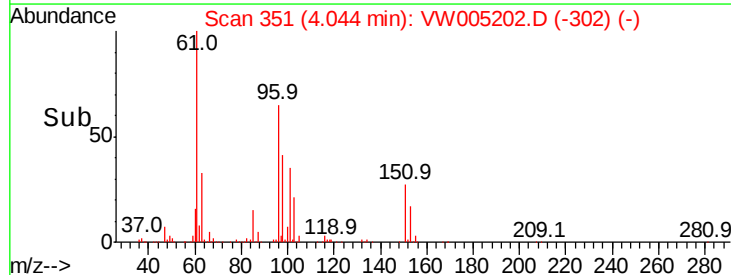
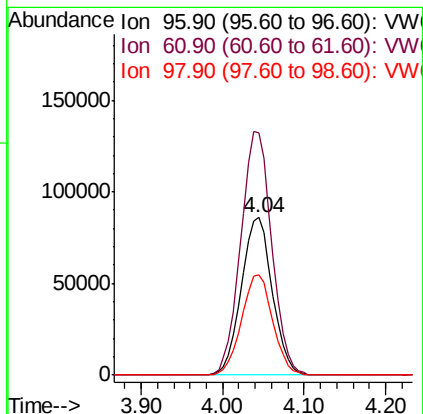
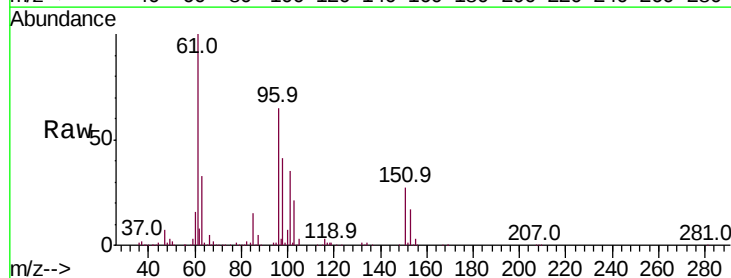
Tot Ion: 59 Resp: 78433
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.6 12.8

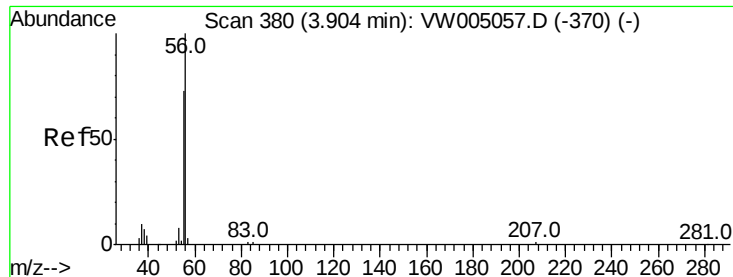


#12

1,1-Dichloroethene
 Concen: 52.889 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VW005202.D
 Acq: 07 Sep 2018 10:38

Tgt Ion: 96 Resp: 227525
 Ion Ratio Lower Upper
 96 100
 61 153.8 117.4 176.0
 98 63.5 51.0 76.4





#13

Acrolein

Concen: 256.188 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.00 min

Lab File: VW005202.D

Acq: 07 Sep 2018 10:38

Instrument :

MSVOA_F

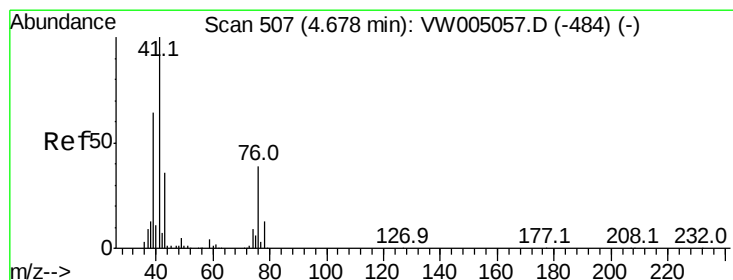
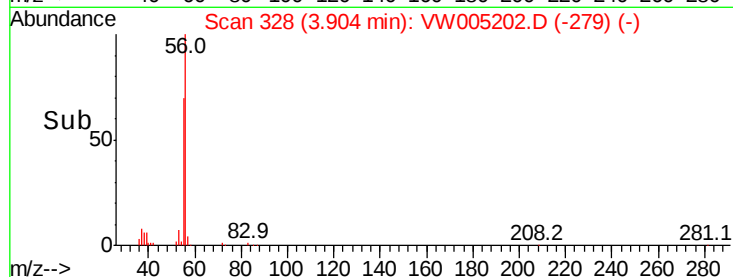
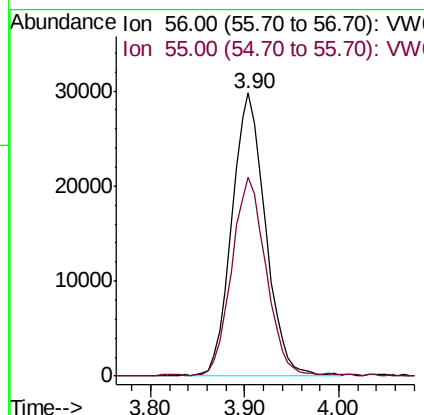
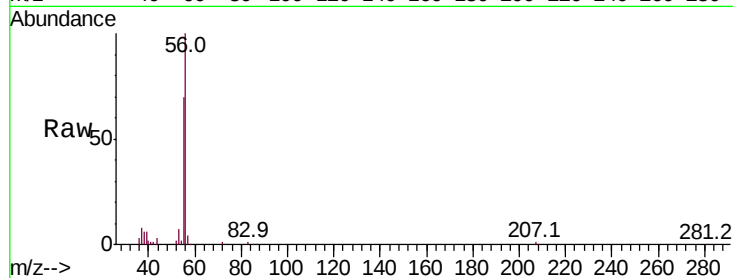
ClientSampleId :

Tot Ion: 56 Resp: 73334

Ion Ratio Lower Upper

56 100

55 71.9 58.1 87.1



#14

Allyl chloride

Concen: 55.330 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW005202.D

Acq: 07 Sep 2018 10:38

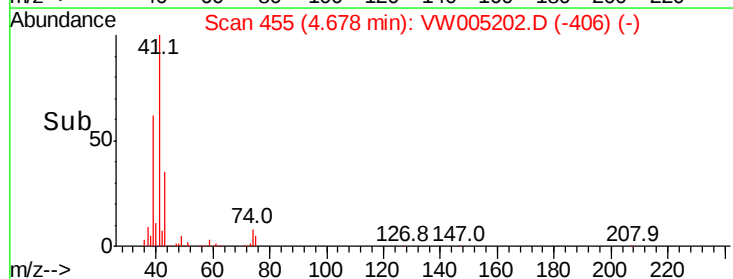
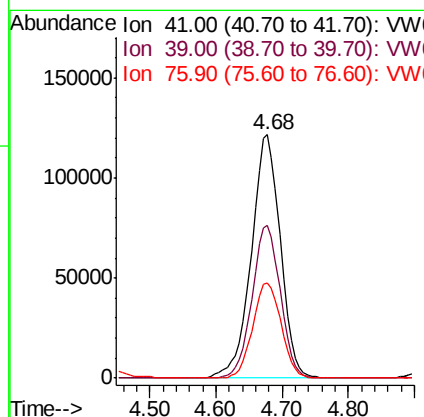
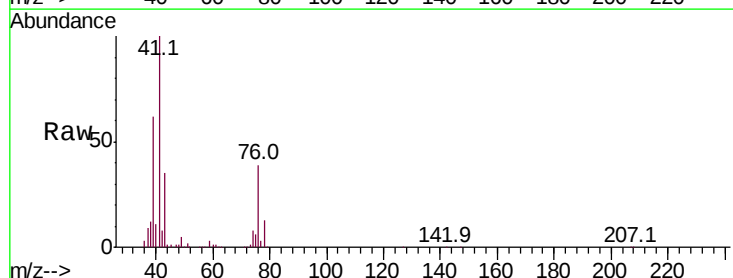
Tgt Ion: 41 Resp: 372078

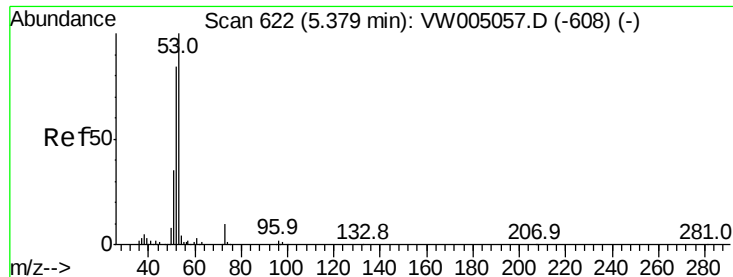
Ion Ratio Lower Upper

41 100

39 61.1 49.4 74.2

76 38.4 31.8 47.6





#15

Acrylonitrile

Concen: 270.326 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW005202.D

Acq: 07 Sep 2018 10:38

Instrument :
MSVOA_F
ClientSampled :

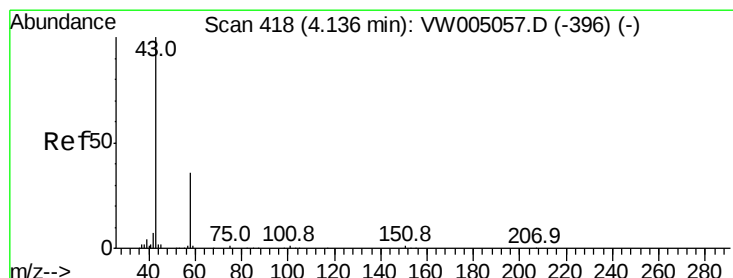
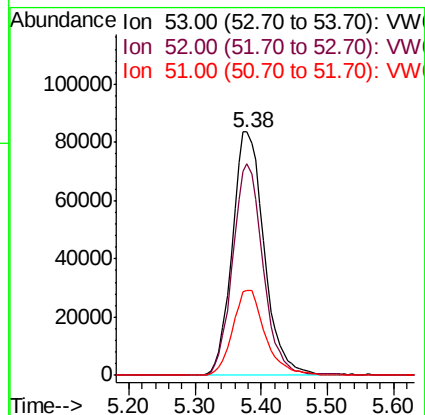
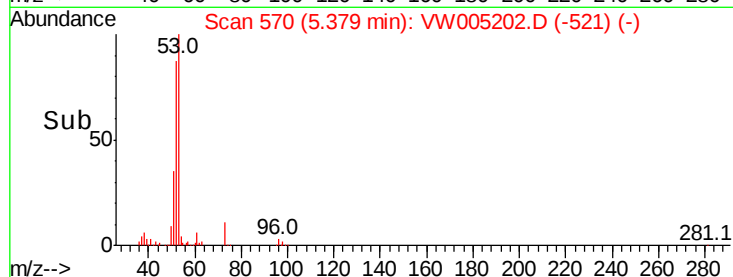
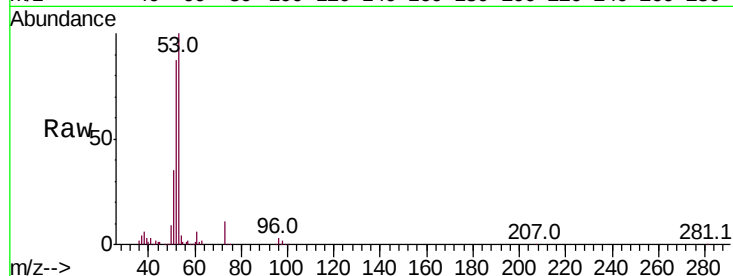
Tot Ion: 53 Resp: 280761

Ion Ratio Lower Upper

53 100

52 82.6 65.7 98.5

51 35.4 28.8 43.2



#16

Acetone

Concen: 277.234 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.00 min

Lab File: VW005202.D

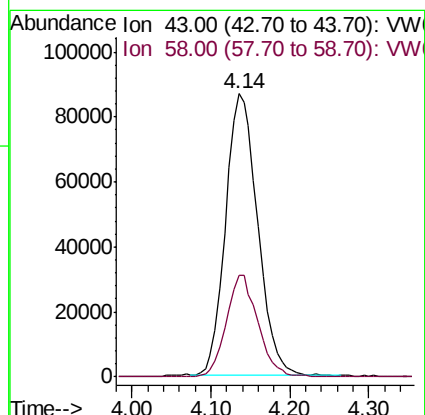
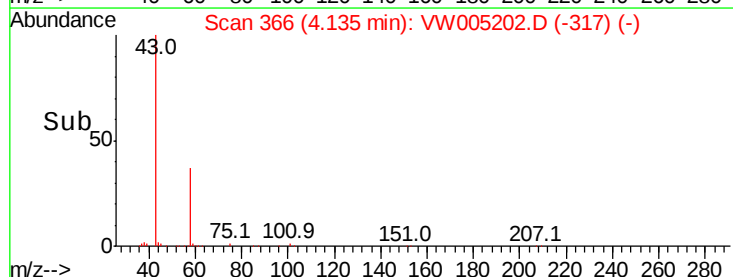
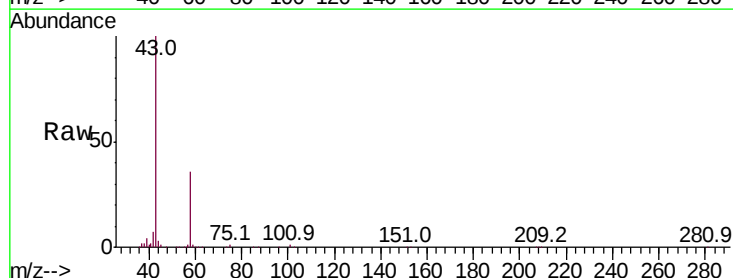
Acq: 07 Sep 2018 10:38

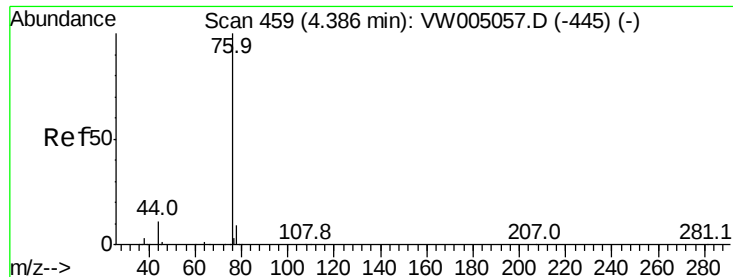
Tgt Ion: 43 Resp: 245198

Ion Ratio Lower Upper

43 100

58 35.9 29.0 43.6

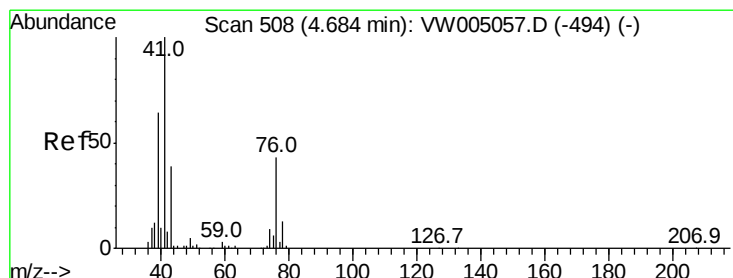
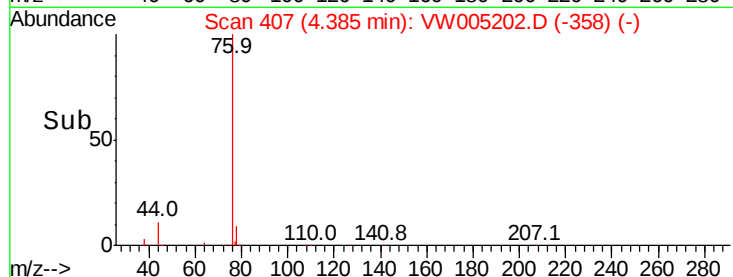
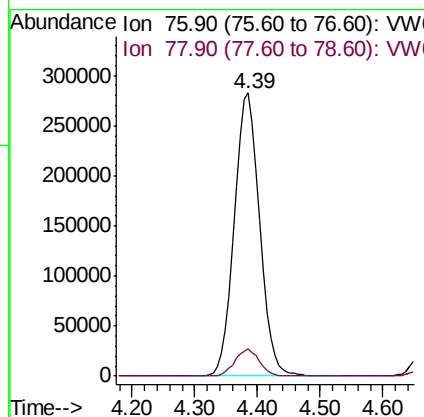
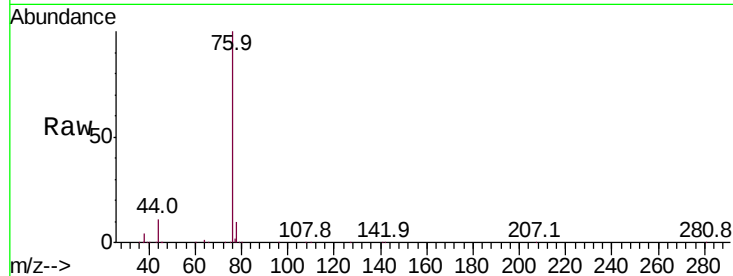




#17
Carbon Disulfide
Concen: 52.802 ug/l
RT: 4.39 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW005202.D
Acq: 07 Sep 2018 10:38

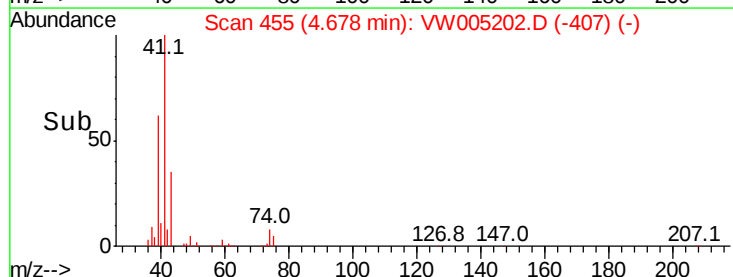
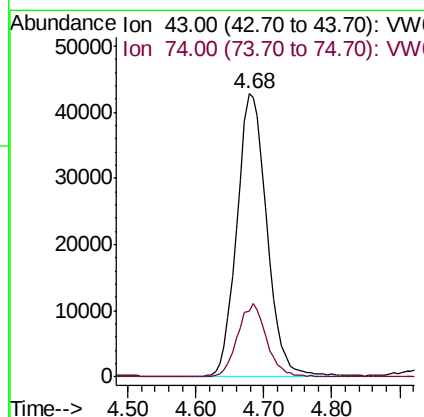
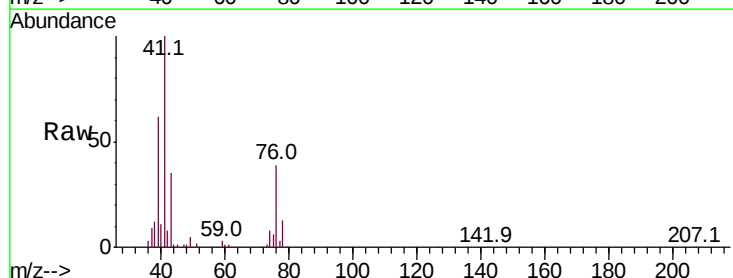
Instrument :
MSVOA_F
ClientSampleId :

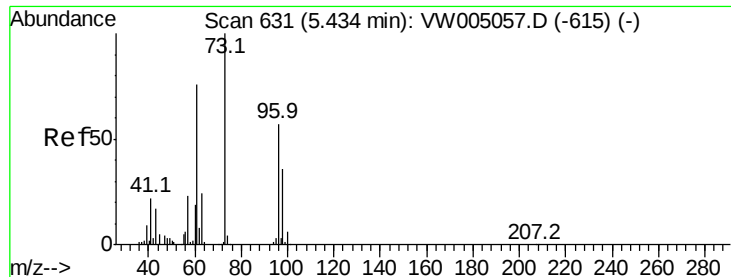
Tot Ion: 76 Resp: 791505
Ion Ratio Lower Upper
76 100
78 9.7 7.3 10.9



#18
Methyl Acetate
Concen: 50.545 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW005202.D
Acq: 07 Sep 2018 10:38

Tgt Ion: 43 Resp: 131506
Ion Ratio Lower Upper
43 100
74 24.9 20.7 31.1

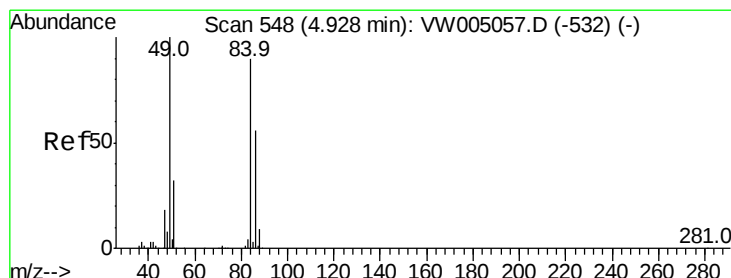
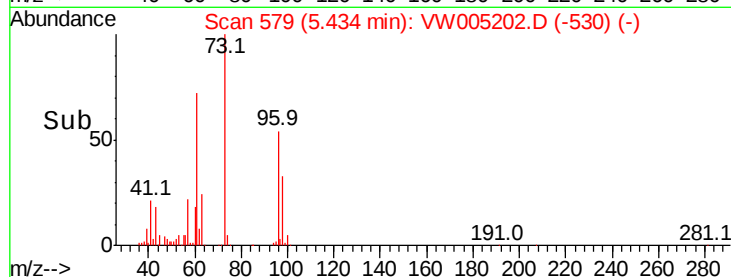
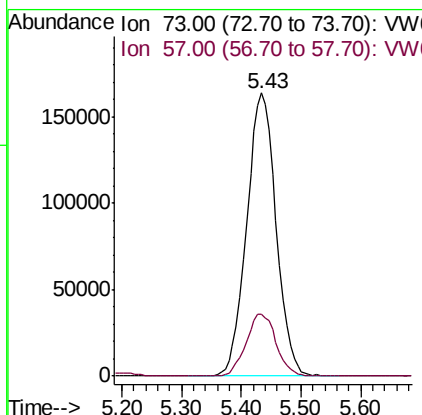
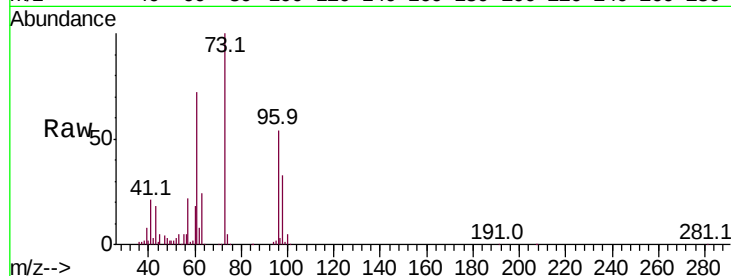




#19
Methvl tert-butvl Ether
Concen: 53.774 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW005202.D
Acq: 07 Sep 2018 10:38

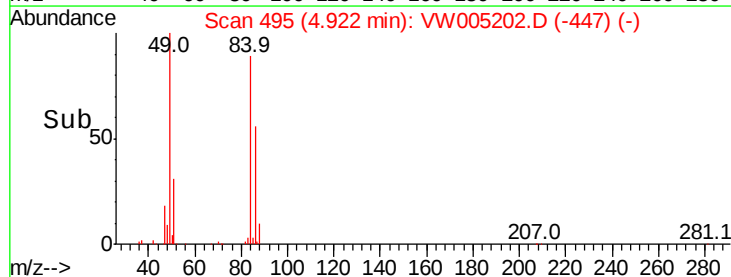
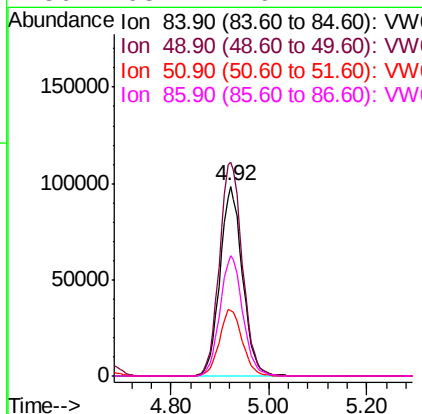
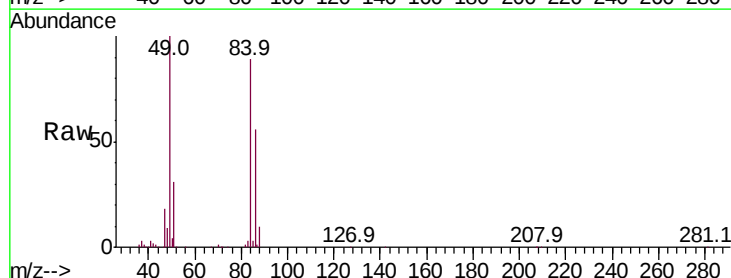
Instrument :
MSVOA_F
ClientSampleId :

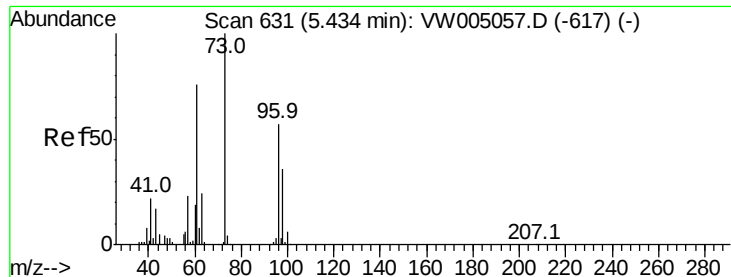
Tot Ion: 73 Resp: 561728
Ion Ratio Lower Upper
73 100
57 22.0 18.1 27.1



#20
Methylene Chloride
Concen: 52.806 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.01 min
Lab File: VW005202.D
Acq: 07 Sep 2018 10:38

Tgt Ion: 84 Resp: 314197
Ion Ratio Lower Upper
84 100
49 112.4 88.7 133.1
51 34.4 28.6 42.8
86 63.1 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 50.108 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.00 min

Lab File: VW005202.D

Acq: 07 Sep 2018 10:38

Instrument :
MSVOA_F
ClientSampleId :

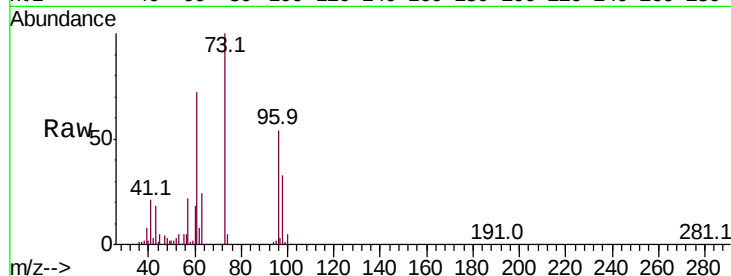
Tot Ion: 96 Resp: 262634

Ion Ratio Lower Upper

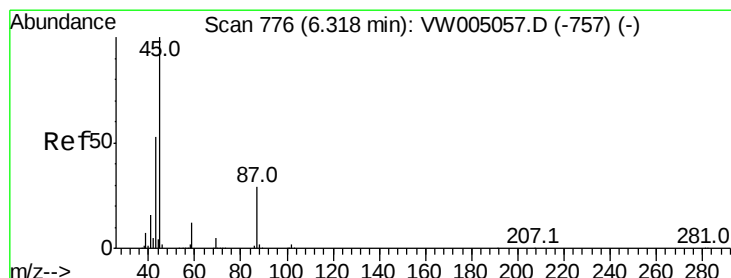
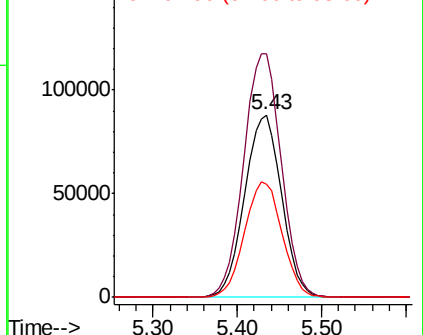
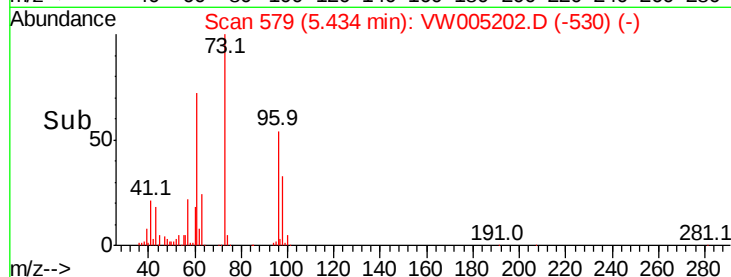
96 100

61 133.5 106.3 159.5

98 61.7 50.9 76.3



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



#22

Diisopropyl ether

Concen: 55.827 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW005202.D

Acq: 07 Sep 2018 10:38

Tgt Ion: 45 Resp: 789990

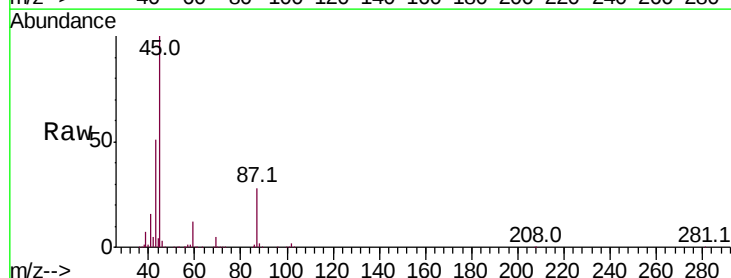
Ion Ratio Lower Upper

45 100

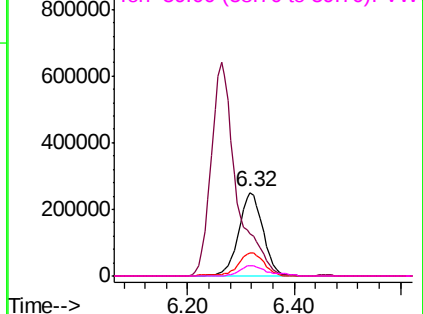
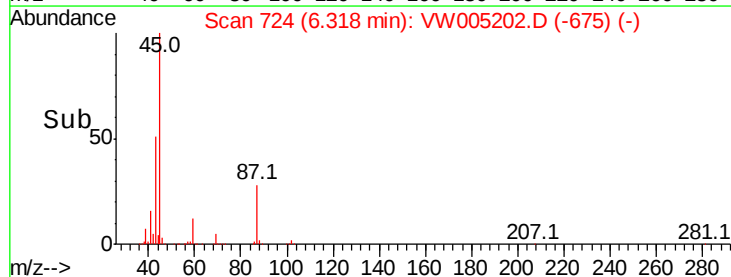
43 50.9 42.6 63.8

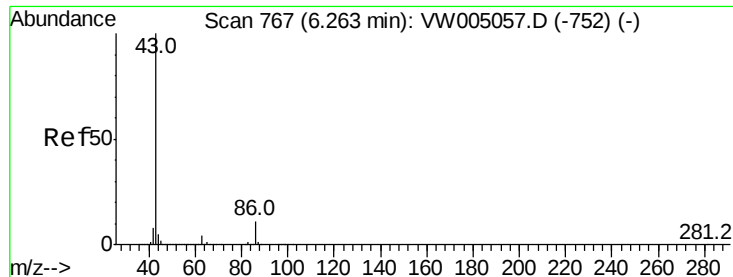
87 27.5 23.6 35.4

59 12.0 9.8 14.8



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





#23

Vinyl Acetate

Concen: 282.168 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW005202.D

Acq: 07 Sep 2018 10:38

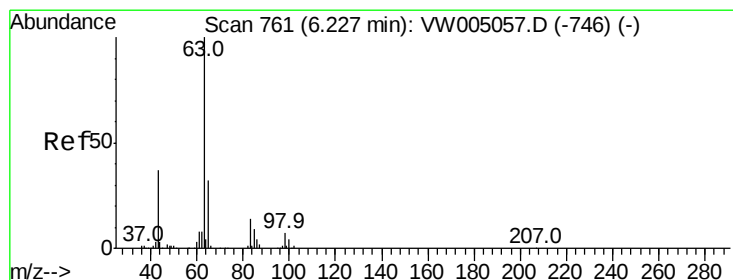
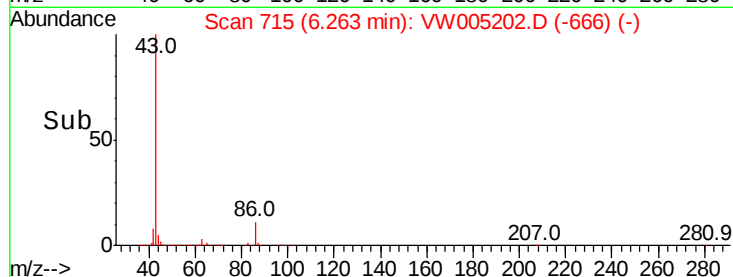
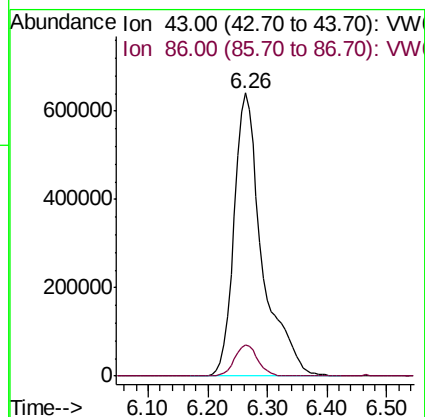
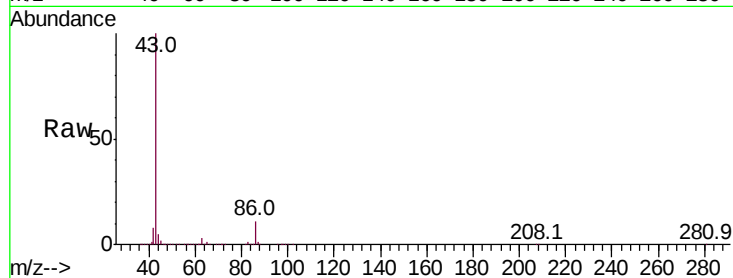
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 43 Resp: 2097292

Ion Ratio Lower Upper

43 100

86 11.0 9.0 13.4



#24

1,1-Dichloroethane

Concen: 51.882 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW005202.D

Acq: 07 Sep 2018 10:38

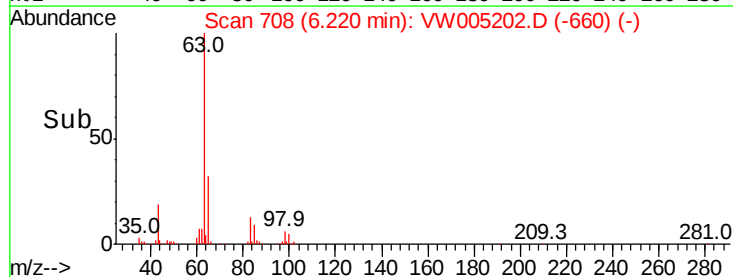
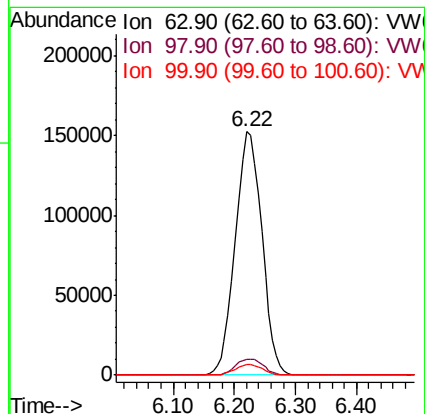
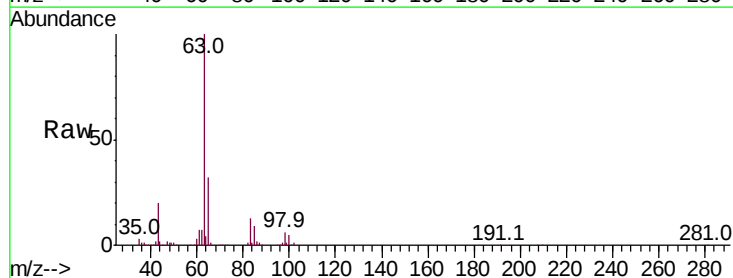
Tgt Ion: 63 Resp: 458894

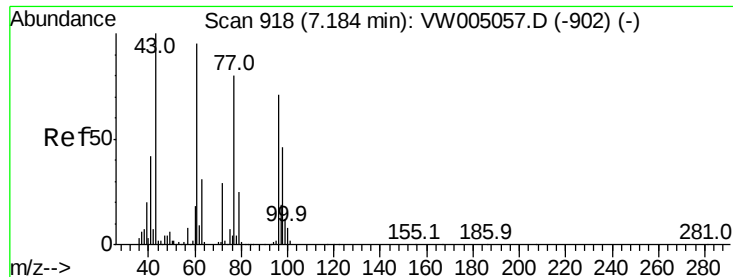
Ion Ratio Lower Upper

63 100

98 6.3 3.6 10.8

100 4.6 2.2 6.6





#25

2-Butanone

Concen: 275.489 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW005202.D

Acq: 07 Sep 2018 10:38

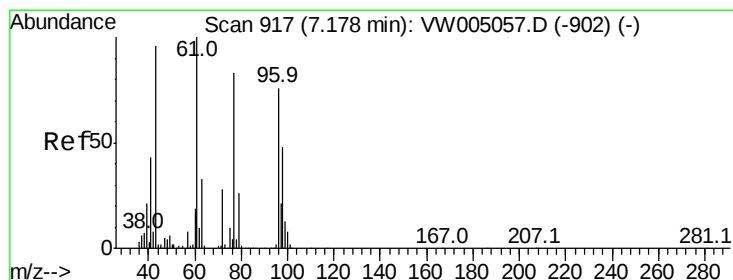
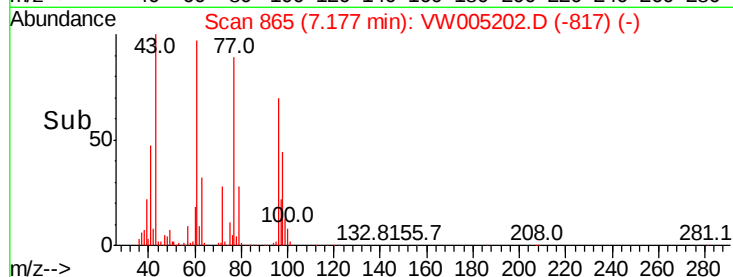
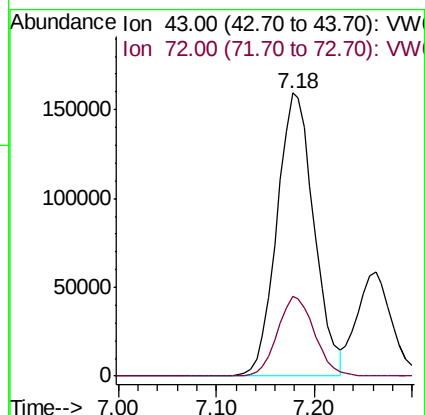
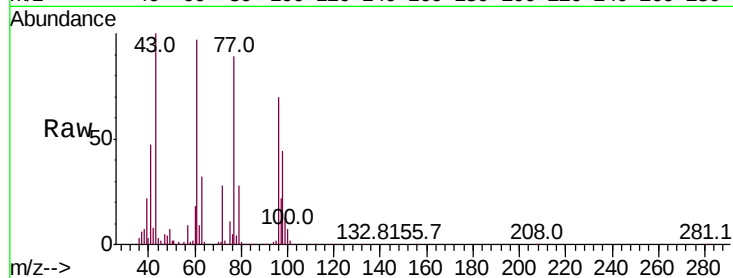
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 43 Resp: 422615

Ion Ratio Lower Upper

43 100

72 28.1 23.1 34.7



#26

2,2-Dichloropropane

Concen: 56.956 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005202.D

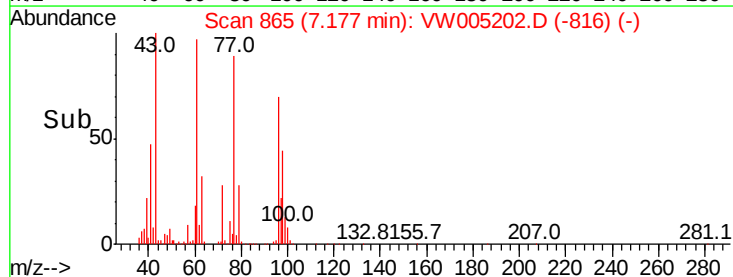
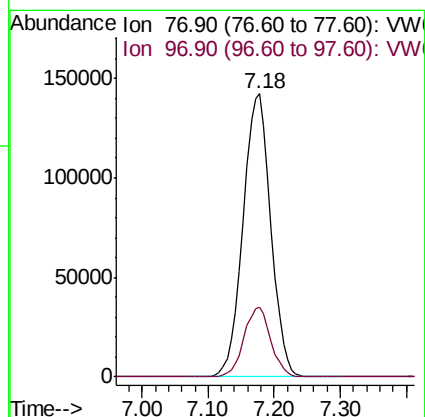
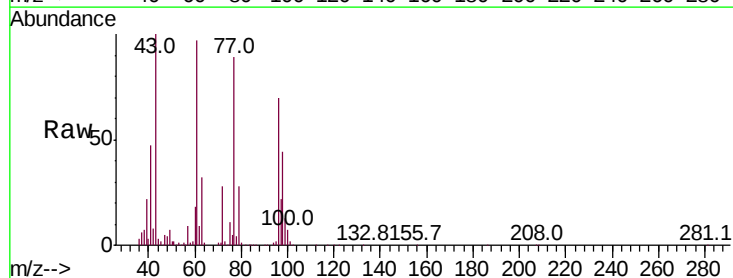
Acq: 07 Sep 2018 10:38

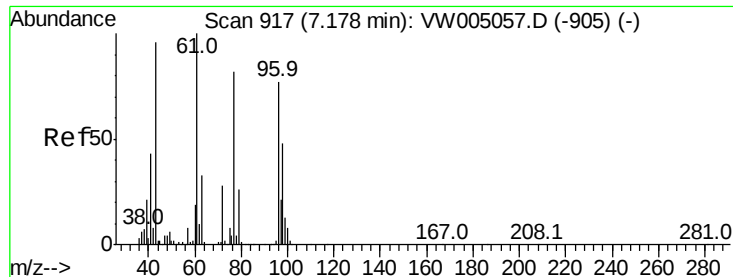
Tgt Ion: 77 Resp: 413986

Ion Ratio Lower Upper

77 100

97 23.7 12.2 36.6



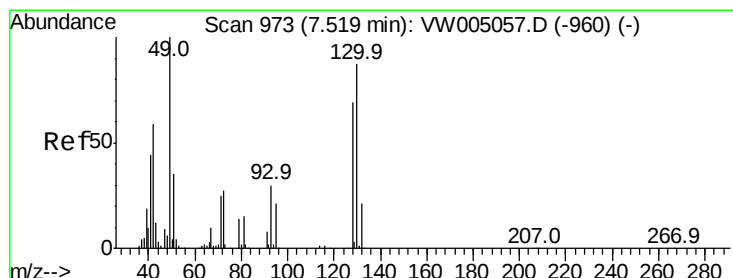
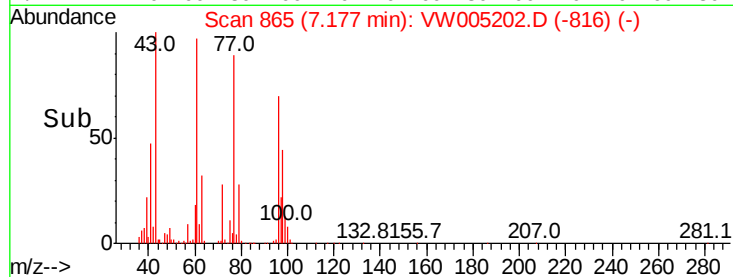
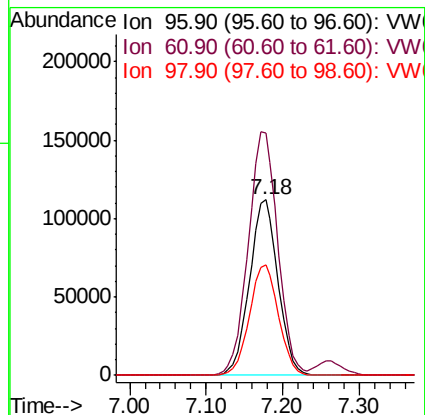
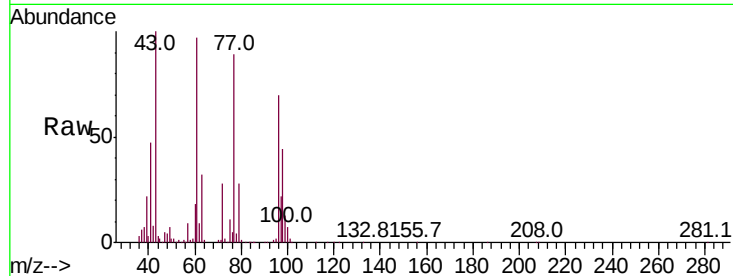


#27

cis-1,2-Dichloroethene
Concen: 50.625 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW005202.D
Acq: 07 Sep 2018 10:38

Instrument :
MSVOA_F
ClientSampleId :

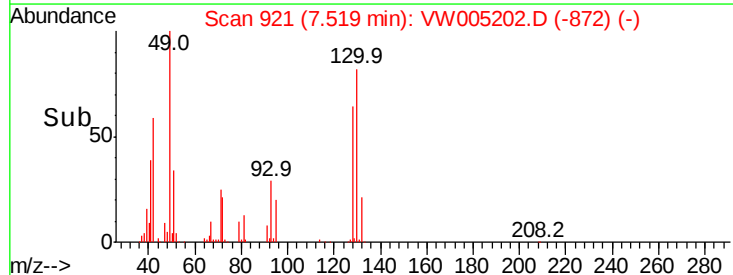
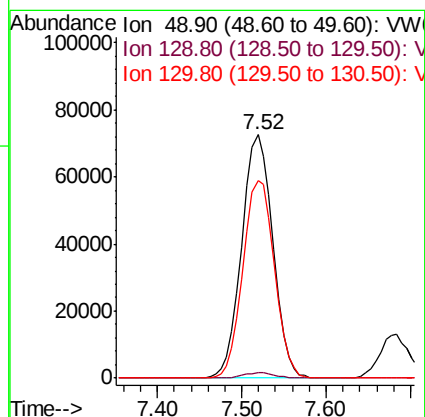
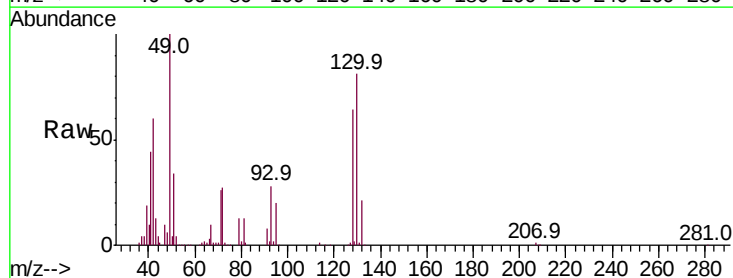
Tot Ion	Ratio	Lower	Upper
96	100		
61	143.6	0.0	273.2
98	63.9	0.0	127.8

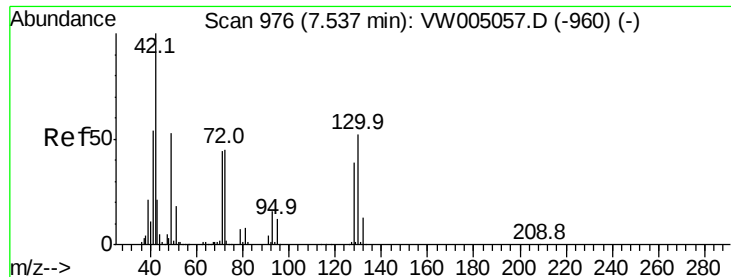


#28

Bromochloromethane
Concen: 50.887 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW005202.D
Acq: 07 Sep 2018 10:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	82.3	69.6	104.4





#29

Tetrahydrofuran

Concen: 269.738 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.00 min

Lab File: VW005202.D

Acq: 07 Sep 2018 10:38

Instrument :
MSVOA_F
ClientSampleId :

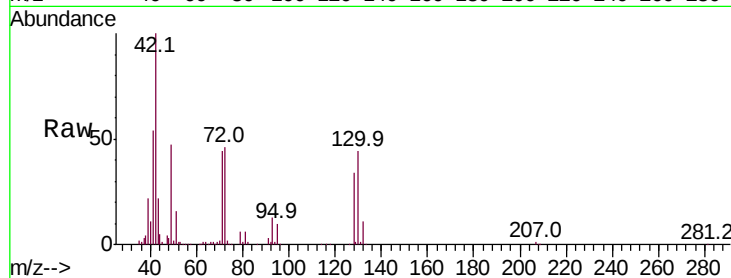
Tot Ion: 42 Resp: 211431

Ion Ratio Lower Upper

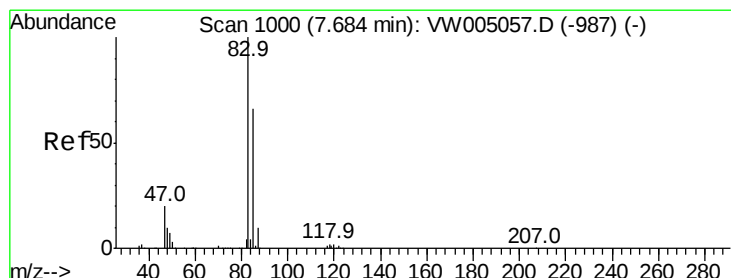
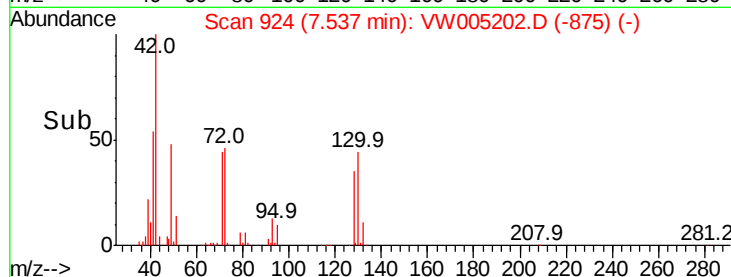
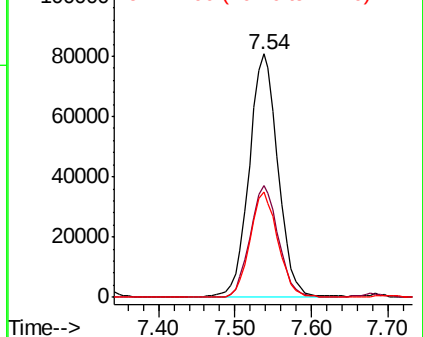
42 100

72 45.2 37.0 55.4

71 42.1 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: 49.789 ug/l

RT: 7.68 min Scan# 948

Delta R.T. -0.00 min

Lab File: VW005202.D

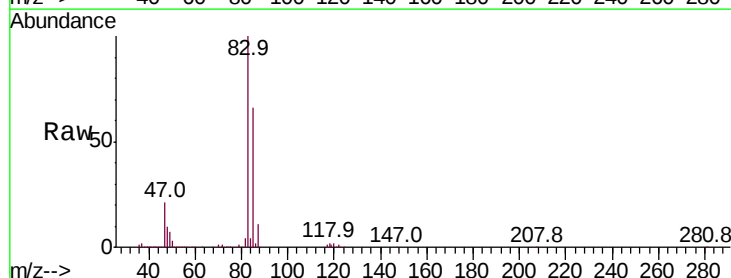
Acq: 07 Sep 2018 10:38

Tgt Ion: 83 Resp: 449474

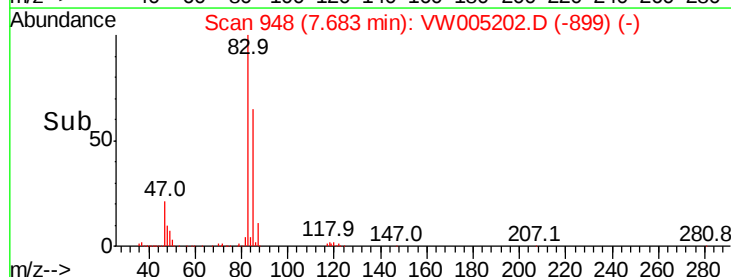
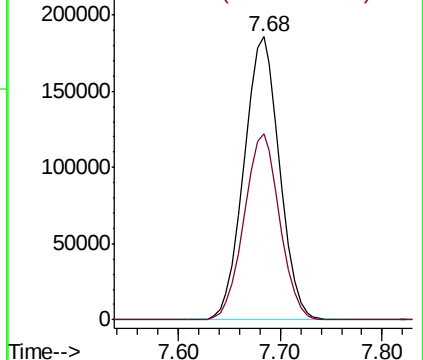
Ion Ratio Lower Upper

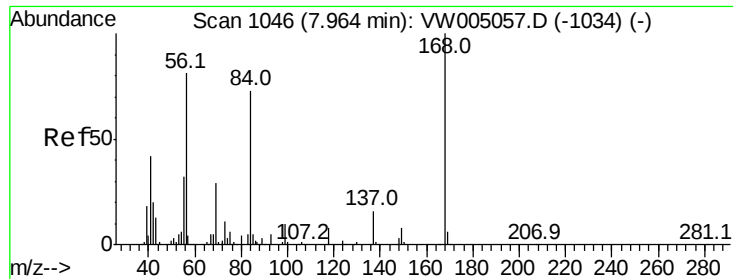
83 100

85 65.5 53.1 79.7



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW

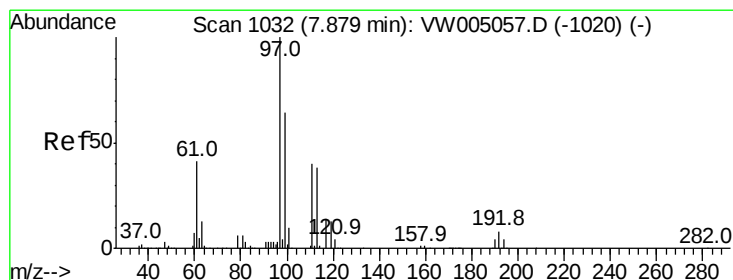
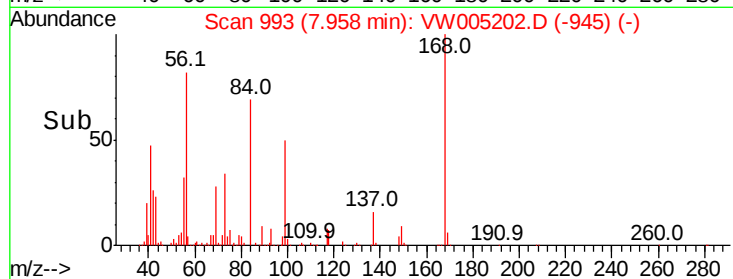
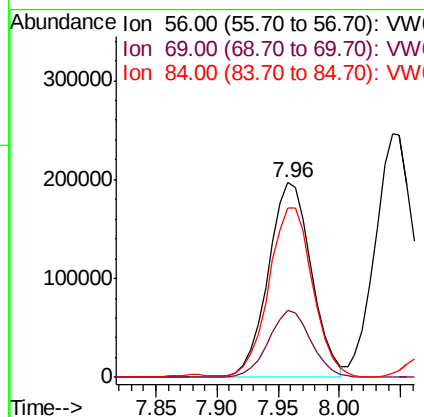
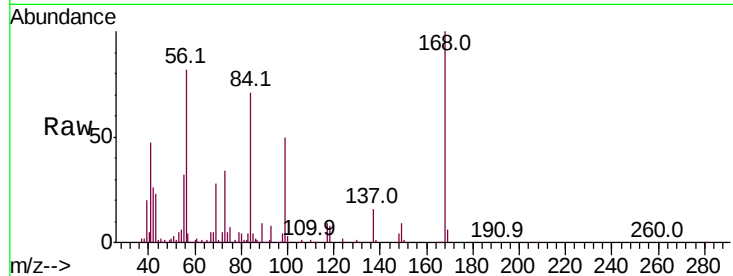




#31
Cyclohexane
Concen: 55.798 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW005202.D
Acq: 07 Sep 2018 10:38

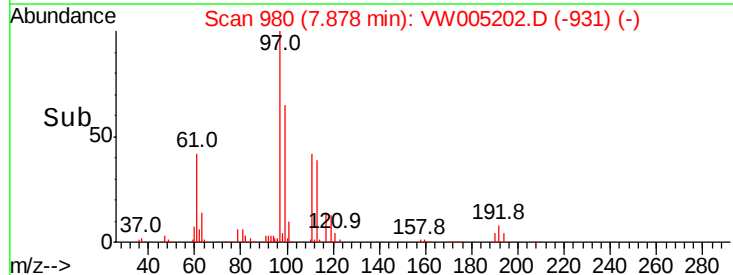
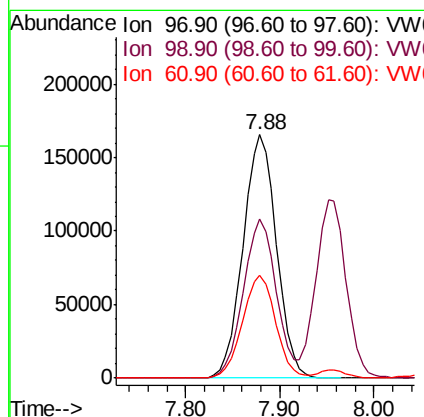
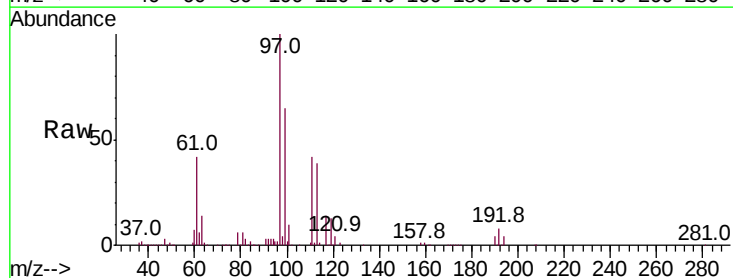
Instrument :
MSVOA_F
ClientSampleId :

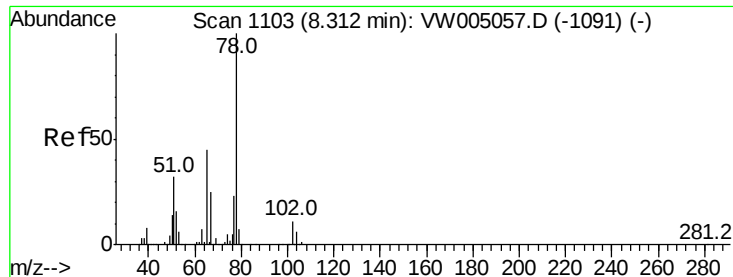
Tot Ion: 56 Resp: 483299
Ion Ratio Lower Upper
56 100
69 34.2 28.2 42.2
84 85.6 71.8 107.8



#32
1,1,1-Trichloroethane
Concen: 52.379 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005202.D
Acq: 07 Sep 2018 10:38

Tgt Ion: 97 Resp: 411819
Ion Ratio Lower Upper
97 100
99 64.1 51.8 77.8
61 42.0 33.2 49.8

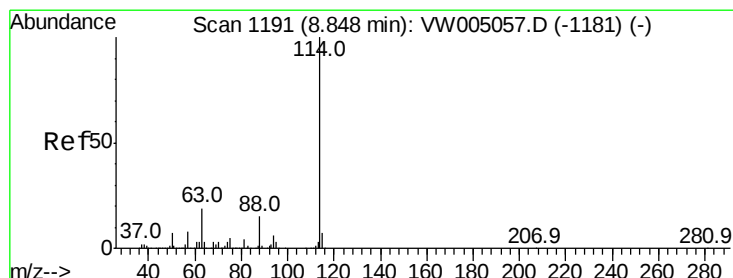
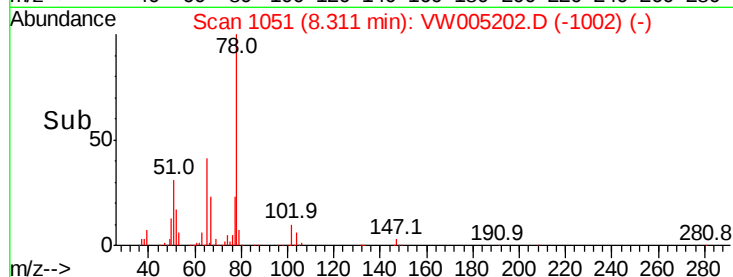
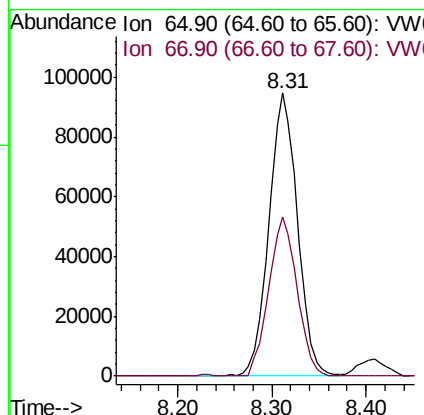
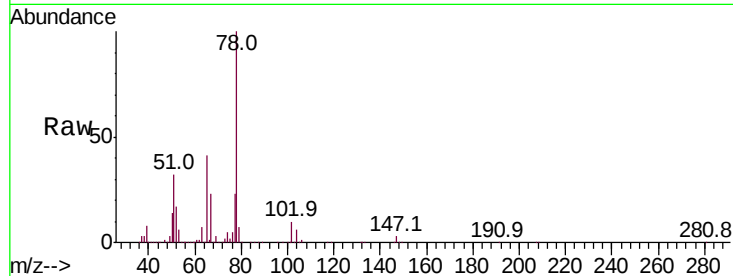




#33
 1,2-Dichloroethane-d4
 Concen: 45.740 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005202.D
 Acq: 07 Sep 2018 10:38

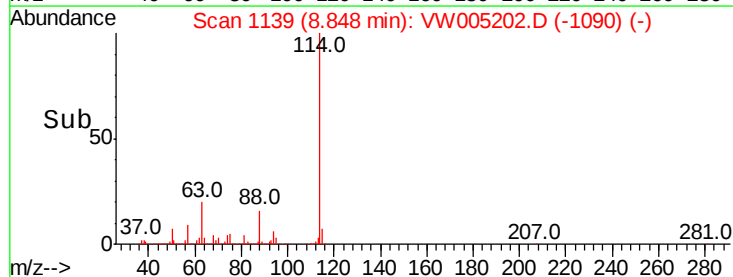
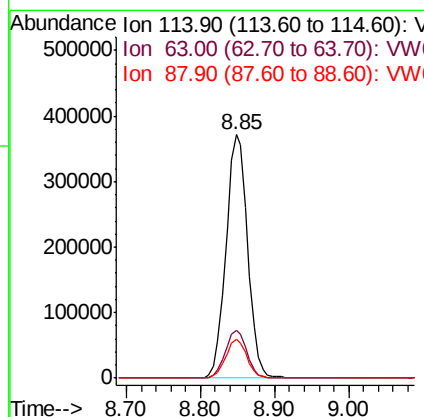
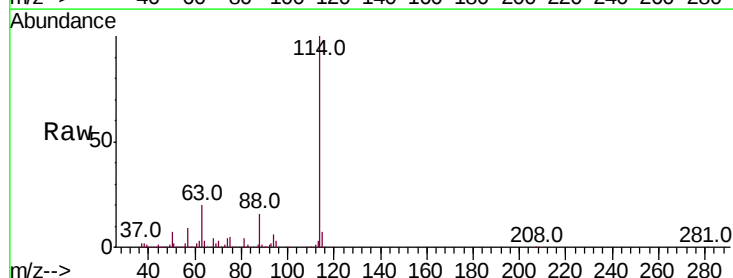
Instrument :
 MSVOA_F
 ClientSampled :

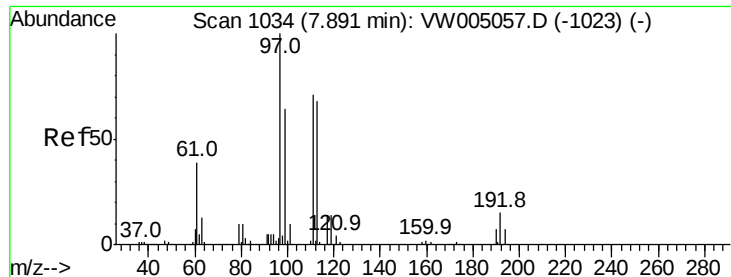
Tot Ion: 65 Resp: 201721
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005202.D
 Acq: 07 Sep 2018 10:38

Tgt Ion: 114 Resp: 750726
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.0
 88 15.8 0.0 30.2

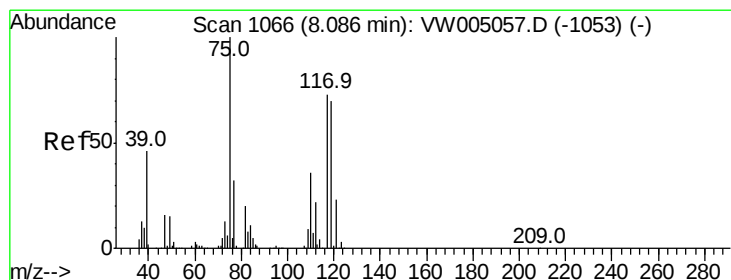
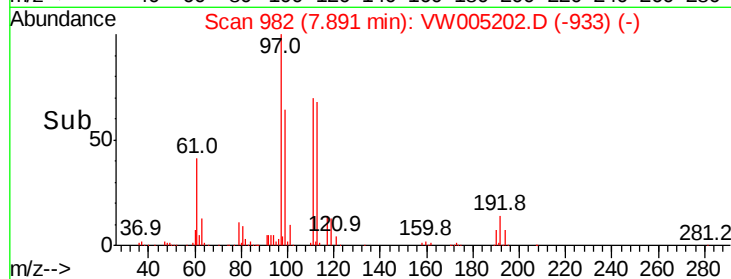
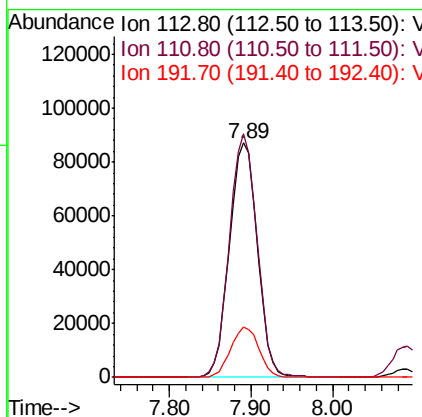
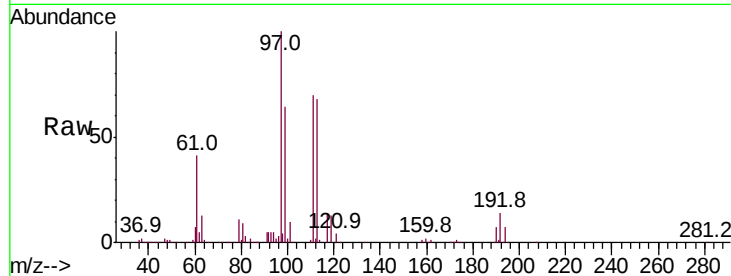




#35
Dibromofluoromethane
Concen: 47.489 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW005202.D
Acq: 07 Sep 2018 10:38

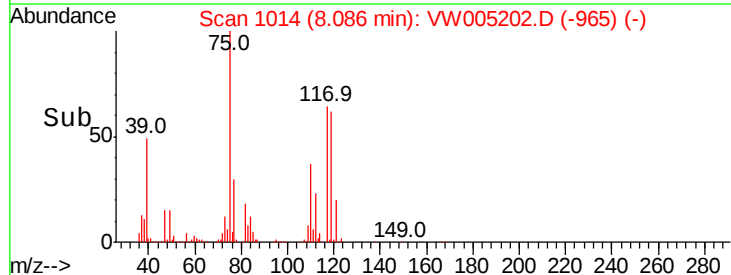
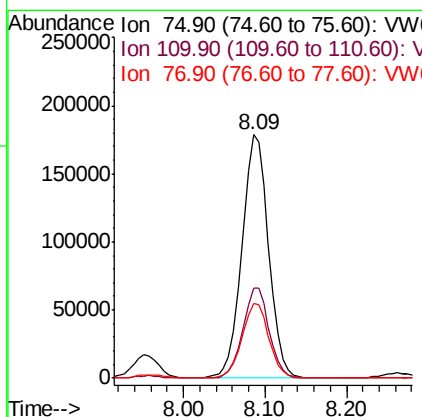
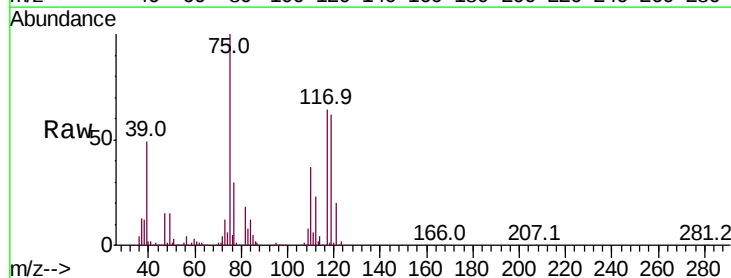
Instrument :
MSVOA_F
ClientSampleId :

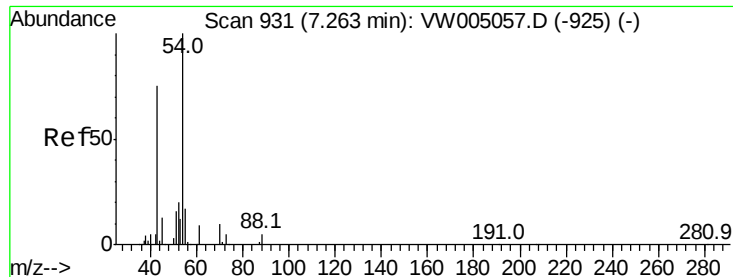
Tot Ion:113 Resp: 206023
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 21.5 18.1 27.1



#36
1,1-Dichloropropene
Concen: 56.285 ug/l
RT: 8.09 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VW005202.D
Acq: 07 Sep 2018 10:38

Tgt Ion: 75 Resp: 402433
Ion Ratio Lower Upper
75 100
110 36.7 18.9 56.7
77 31.3 25.5 38.3

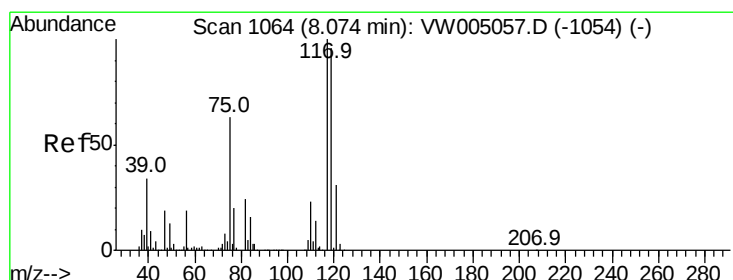
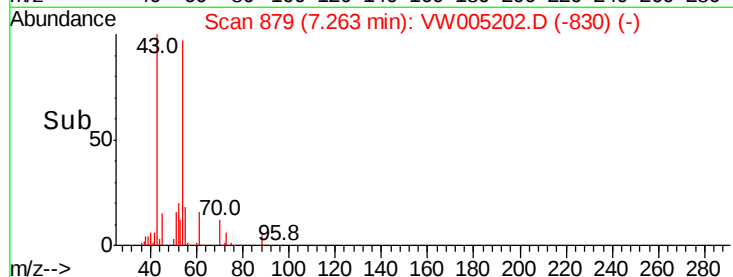
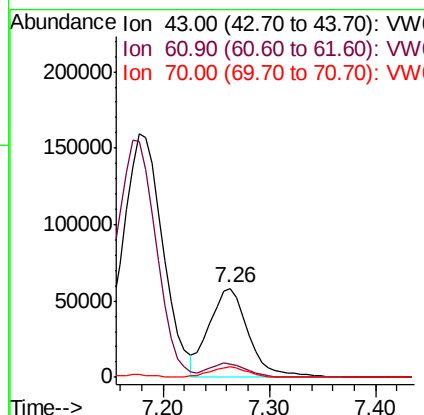
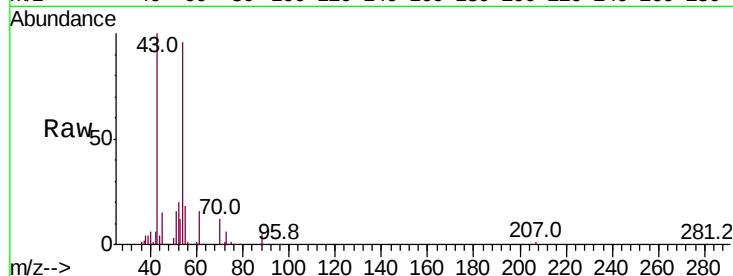




#37
Ethyl Acetate
Concen: 55.347 ug/l
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: VW005202.D
Acq: 07 Sep 2018 10:38

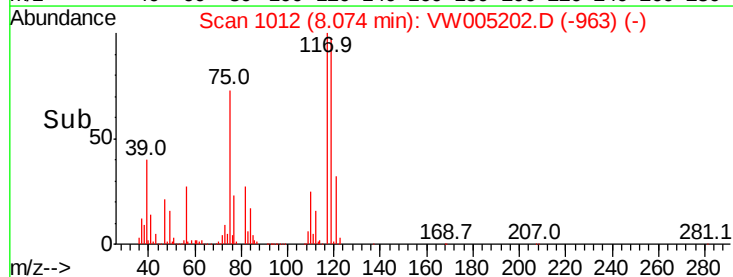
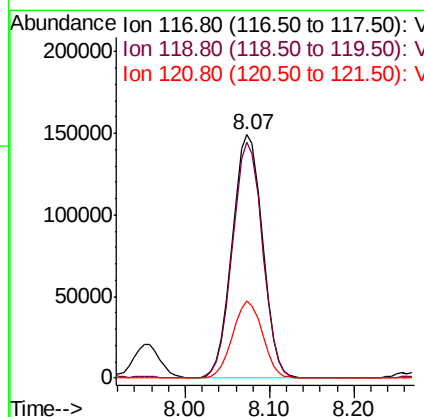
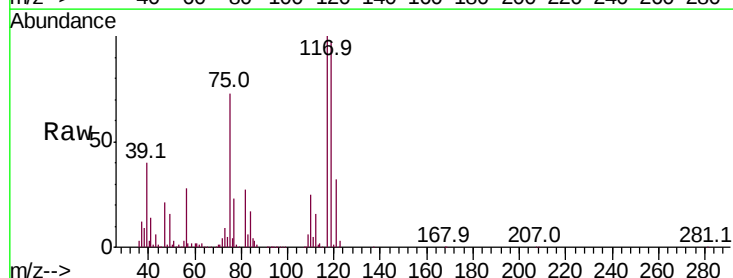
Instrument :
MSVOA_F
ClientSampleId :

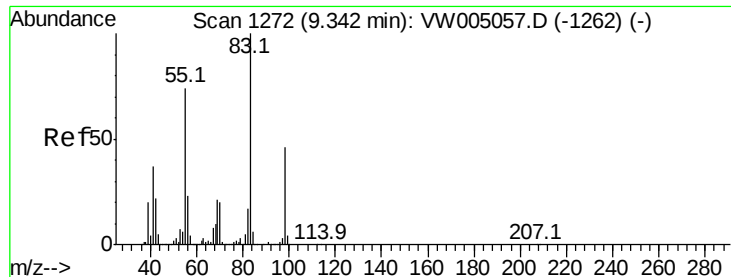
Tot Ion: 43 Resp: 147992
Ion Ratio Lower Upper
43 100
61 15.2 12.1 18.1
70 11.8 9.4 14.2



#38
Carbon Tetrachloride
Concen: 53.517 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005202.D
Acq: 07 Sep 2018 10:38

Tgt Ion: 117 Resp: 363832
Ion Ratio Lower Upper
117 100
119 97.2 76.6 115.0
121 31.7 24.8 37.2

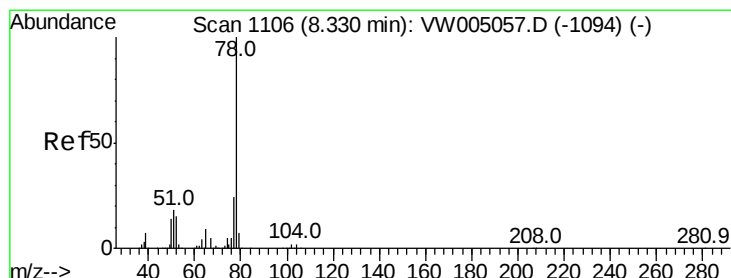
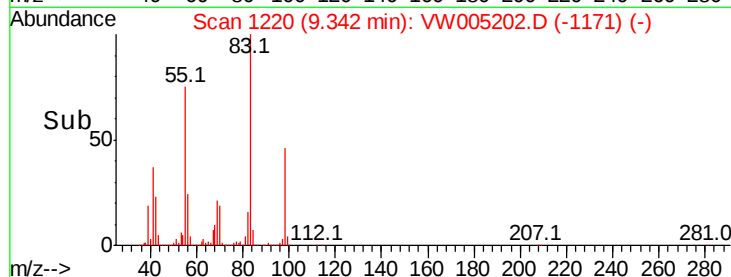
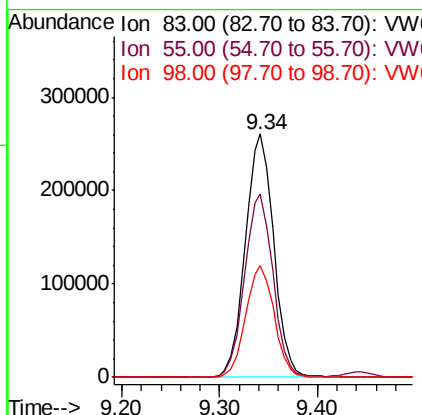
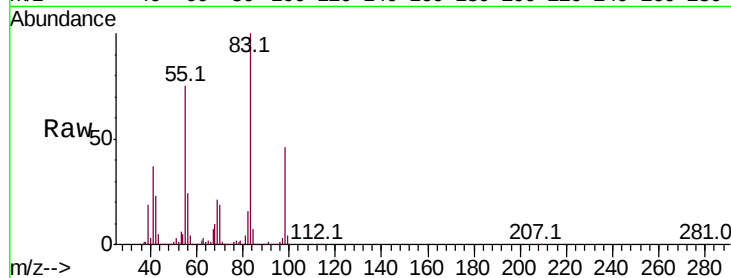




#39
Methvlcvclohexane
Concen: 60.700 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005202.D
Acq: 07 Sep 2018 10:38

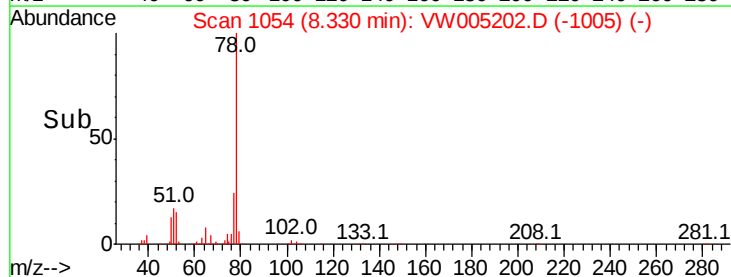
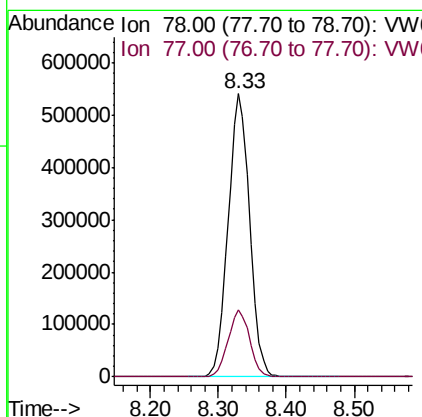
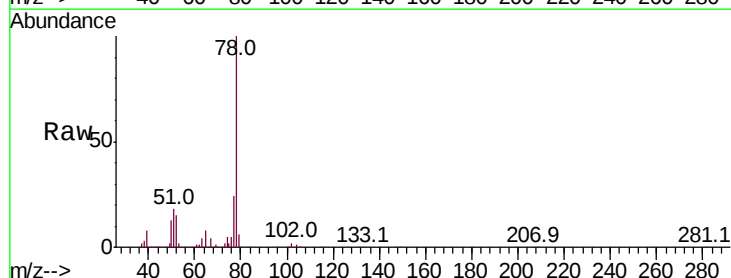
Instrument :
MSVOA_F
ClientSampleId :

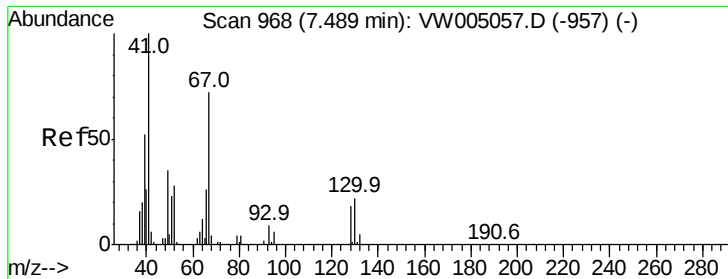
Tot Ion	83	Resp	524857
Ion	Ratio	Lower	Upper
83	100		
55	75.4	58.9	88.3
98	45.9	36.8	55.2



#40
Benzene
Concen: 53.907 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005202.D
Acq: 07 Sep 2018 10:38

Tgt Ion	78	Resp	1179933
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.4	29.0

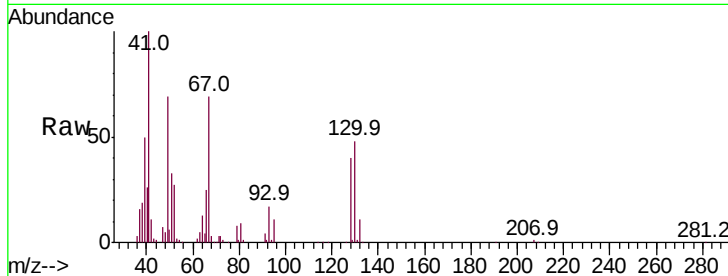




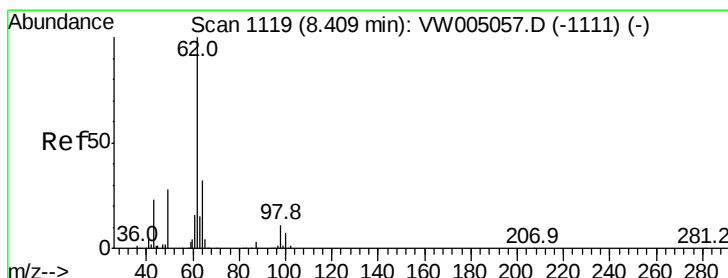
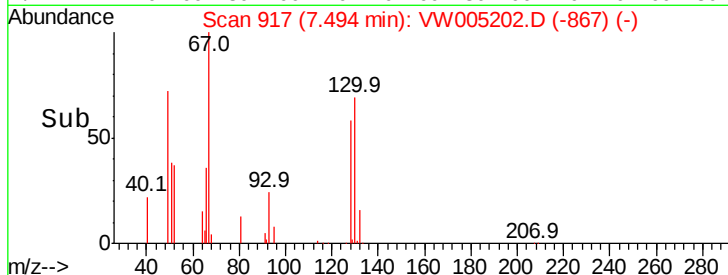
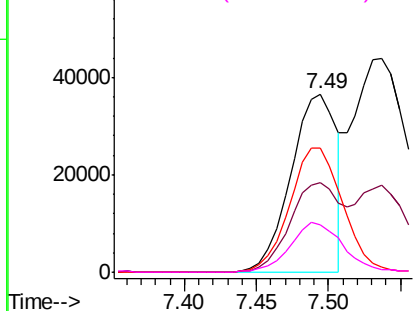
#41
Methacrylonitrile
Concen: 52.089 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW005202.D
Acq: 07 Sep 2018 10:38

Instrument :
MSVOA_F
ClientSampled :

Tot Ion:	41	Resp:	80700
Ion	Ratio	Lower	Upper
41	100		
39	57.7	41.8	62.8
67	81.4	60.4	90.6
52	33.1	23.8	35.8

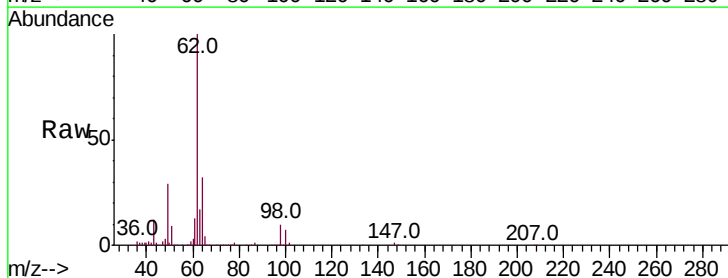


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

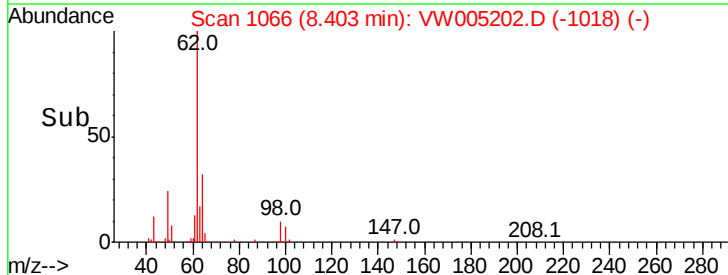
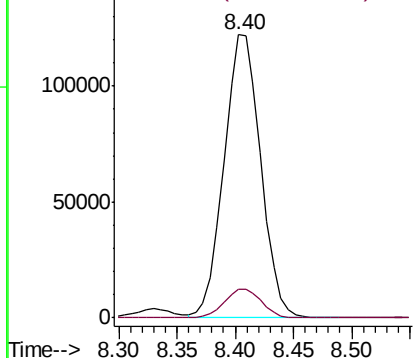


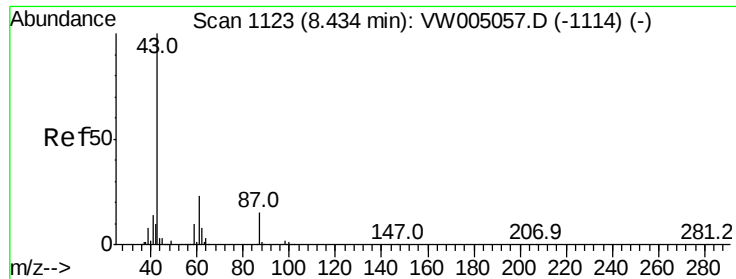
#42
1,2-Dichloroethane
Concen: 49.726 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VW005202.D
Acq: 07 Sep 2018 10:38

Tgt Ion:	62	Resp:	266376
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	21.8



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





#43

Isopropyl Acetate

Concen: 56.546 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW005202.D

Acq: 07 Sep 2018 10:38

Instrument :

MSVOA_F

ClientSampleId :

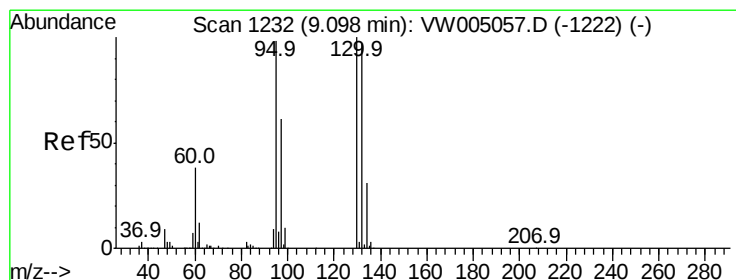
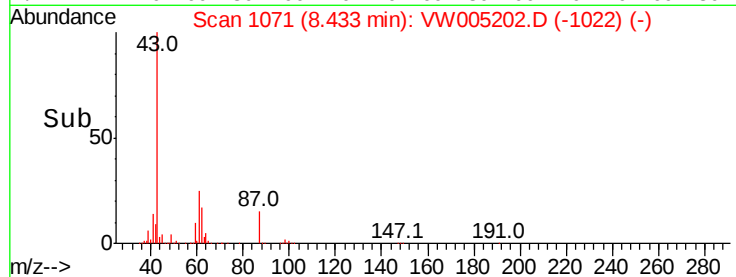
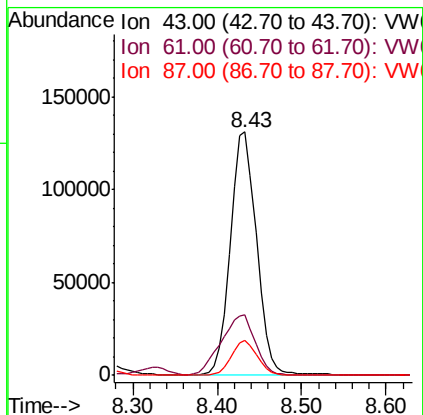
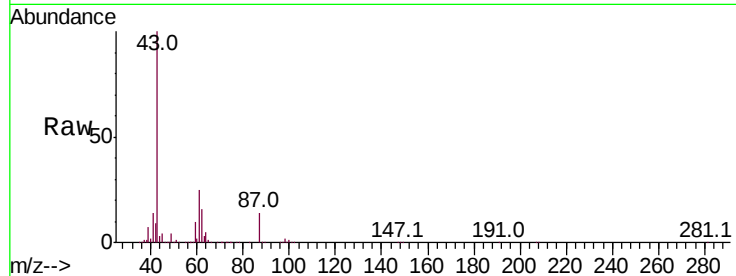
Tot Ion: 43 Resp: 275131

Ion Ratio Lower Upper

43 100

61 32.3 26.8 40.2

87 14.2 11.6 17.4



#44

Trichloroethene

Concen: 52.422 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW005202.D

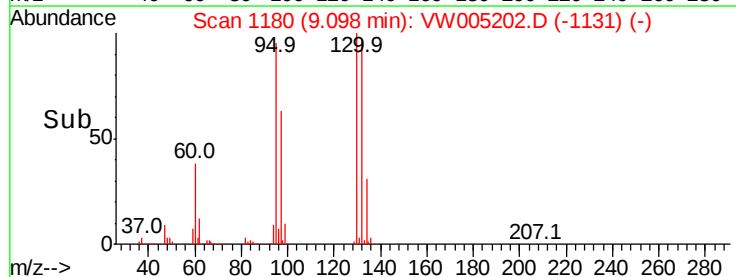
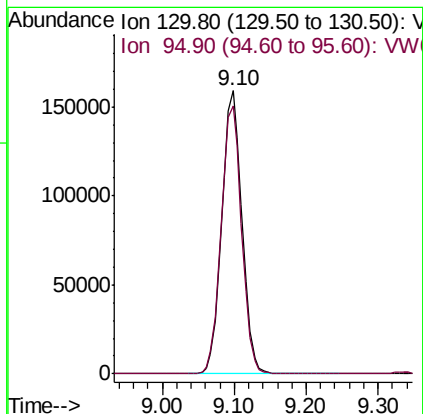
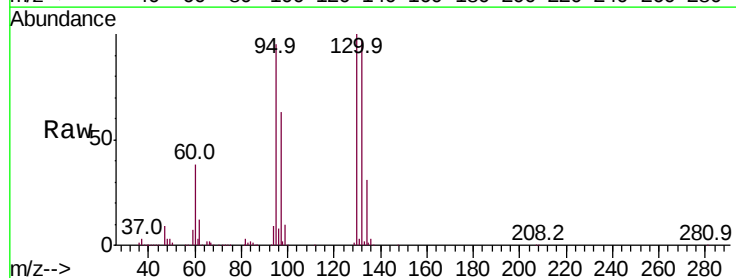
Acq: 07 Sep 2018 10:38

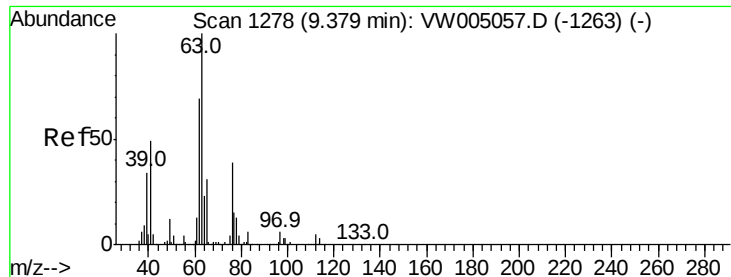
Tgt Ion: 130 Resp: 309591

Ion Ratio Lower Upper

130 100

95 94.7 0.0 195.2





#45

1,2-Dichloropropane

Concen: 53.909 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.01 min

Lab File: VW005202.D

Acq: 07 Sep 2018 10:38

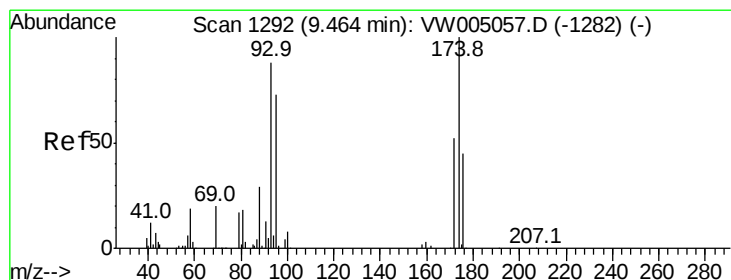
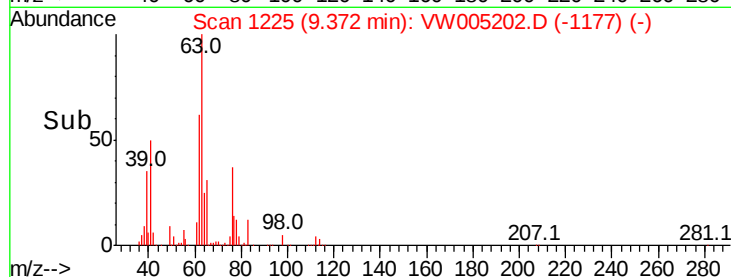
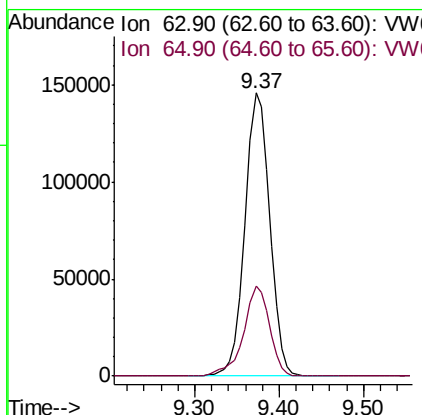
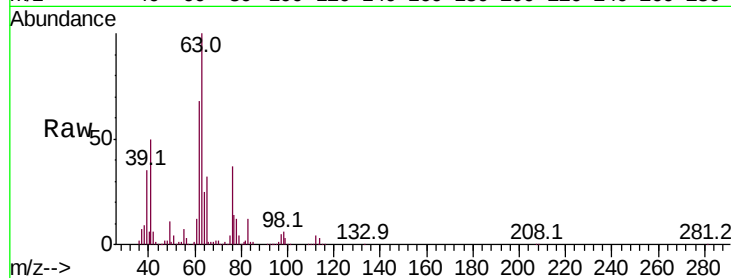
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 63 Resp: 288260

Ion Ratio Lower Upper

63 100

65 31.7 24.6 37.0



#46

Dibromomethane

Concen: 49.609 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW005202.D

Acq: 07 Sep 2018 10:38

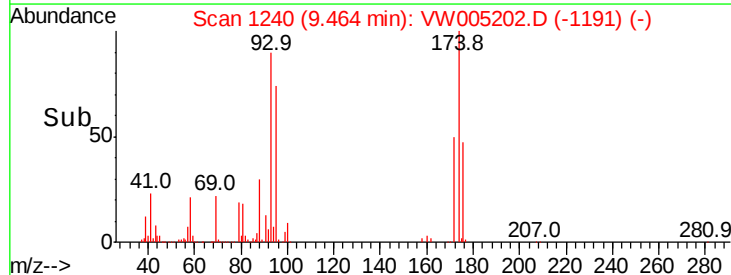
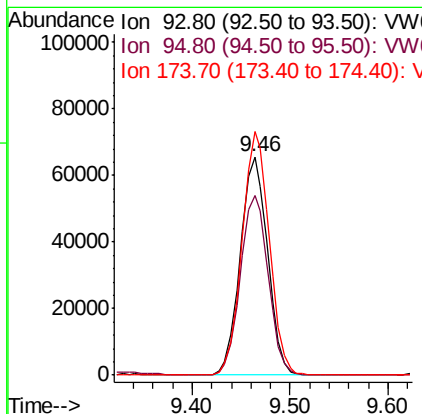
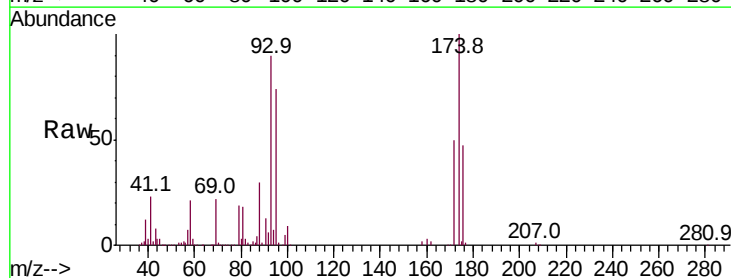
Tgt Ion: 93 Resp: 126843

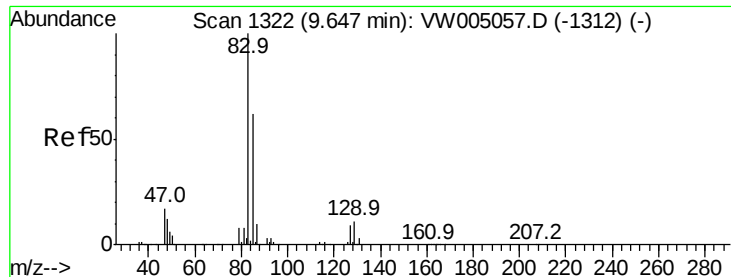
Ion Ratio Lower Upper

93 100

95 84.0 66.2 99.4

174 110.9 92.0 138.0





#47

Bromodichloromethane

Concen: 51.577 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW005202.D

Acq: 07 Sep 2018 10:38

Instrument :
MSVOA_F
ClientSampleId :

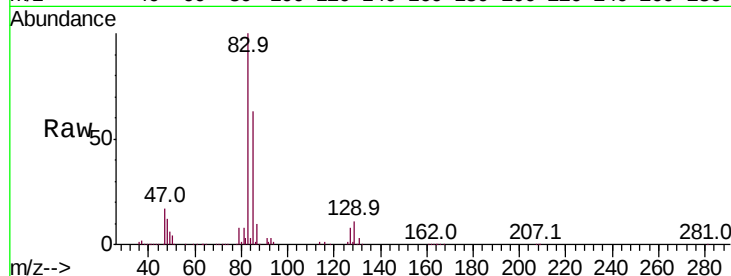
Tot Ion: 83 Resp: 332059

Ion Ratio Lower Upper

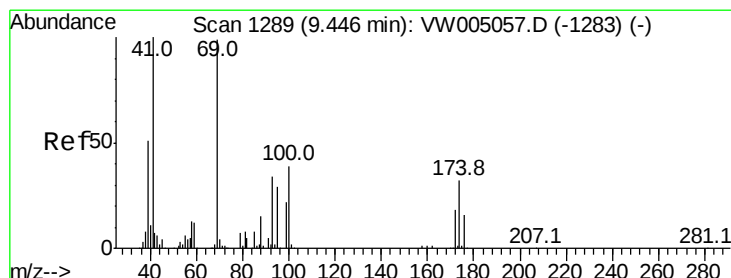
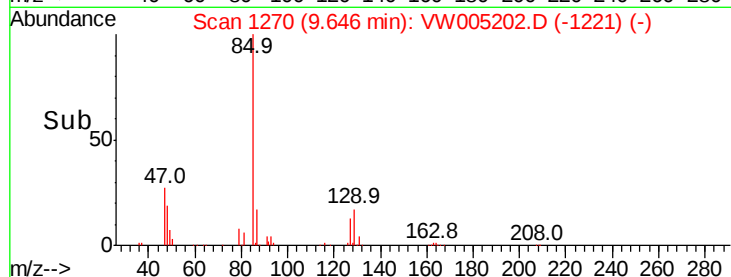
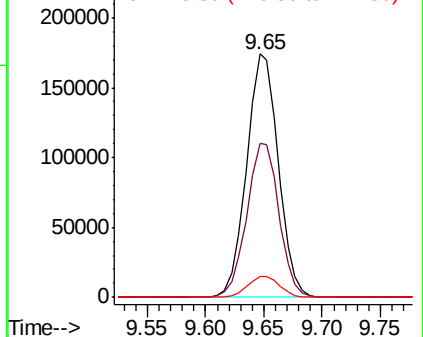
83 100

85 63.4 49.8 74.6

127 8.4 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 63.116 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.01 min

Lab File: VW005202.D

Acq: 07 Sep 2018 10:38

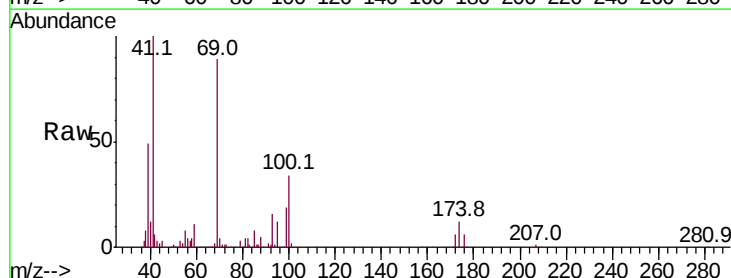
Tgt Ion: 41 Resp: 147874

Ion Ratio Lower Upper

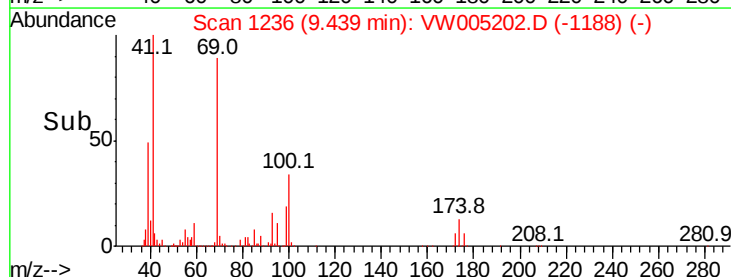
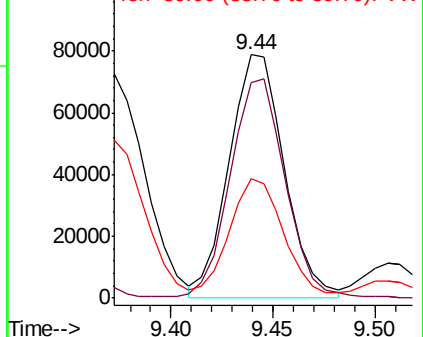
41 100

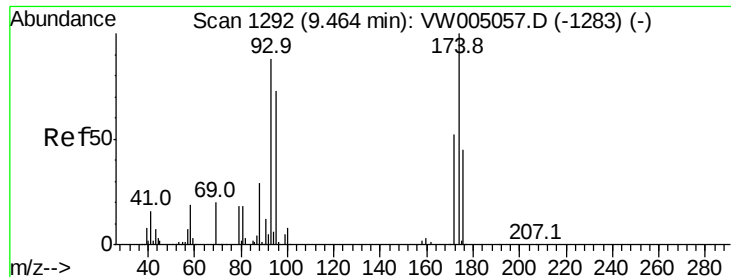
69 90.1 80.4 120.6

39 44.1 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: 1160.159 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW005202.D

Acq: 07 Sep 2018 10:38

Instrument :
MSVOA_F
ClientSampleId :

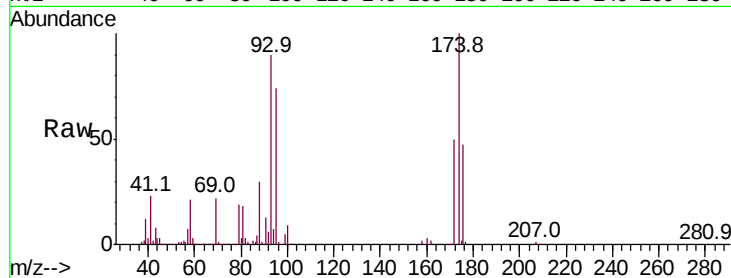
Tot Ion: 88 Resp: 47971

Ion Ratio Lower Upper

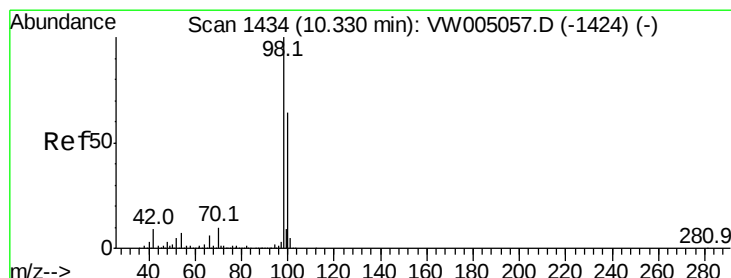
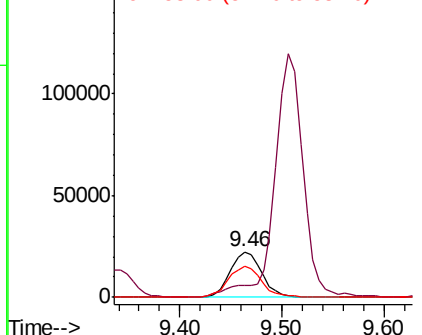
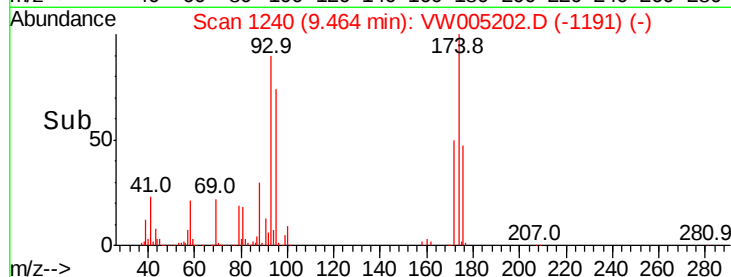
88 100

43 0.0 19.8 29.6#

58 72.7 57.1 85.7



Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 52.137 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005202.D

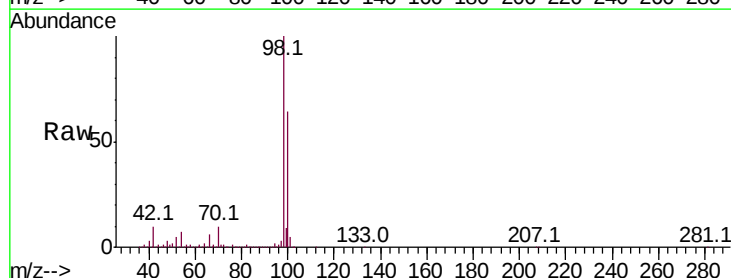
Acq: 07 Sep 2018 10:38

Tgt Ion: 98 Resp: 1042228

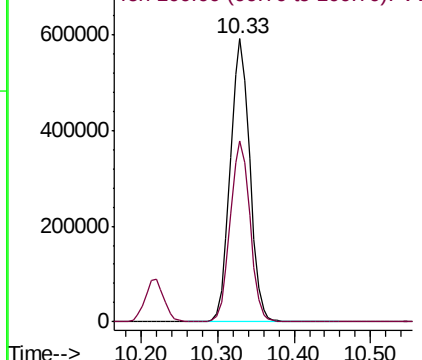
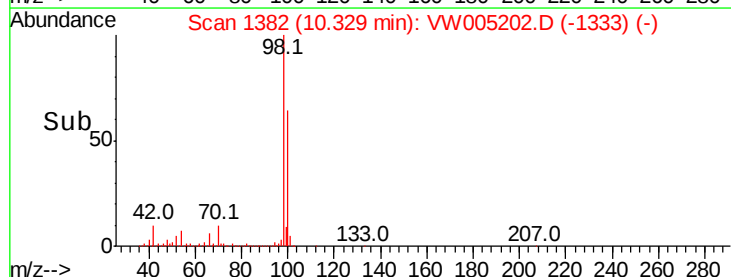
Ion Ratio Lower Upper

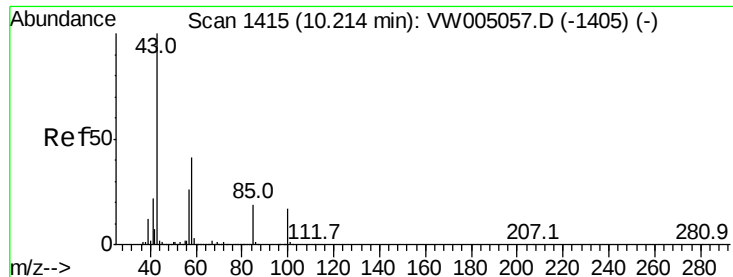
98 100

100 64.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

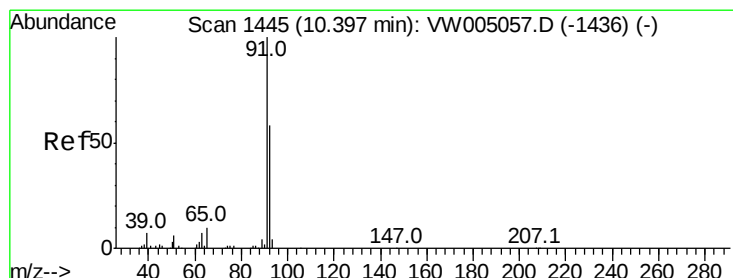
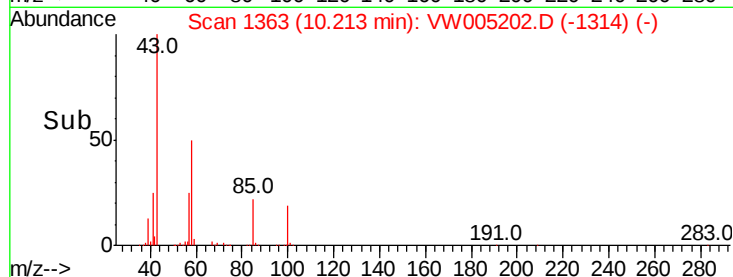
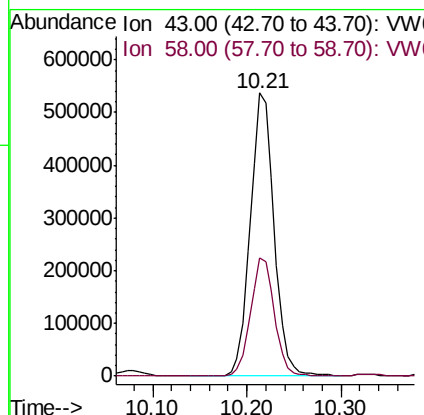
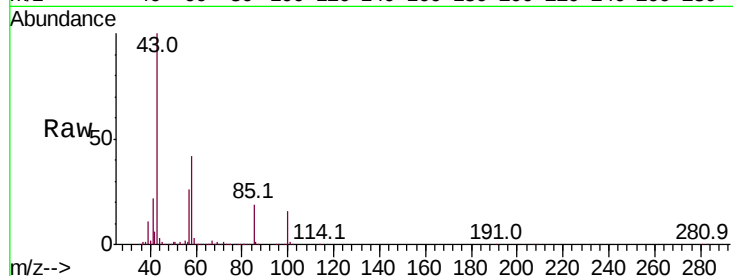




#51
4-Methyl-2-Pentanone
Concen: 292.411 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW005202.D
Acq: 07 Sep 2018 10:38

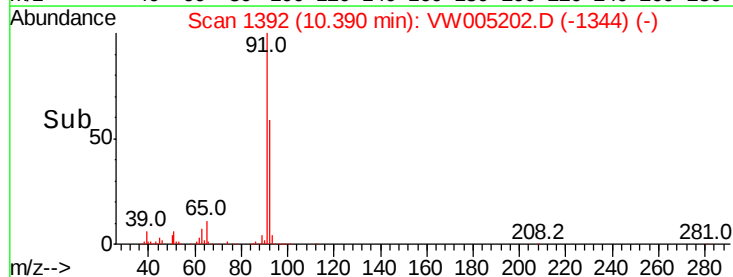
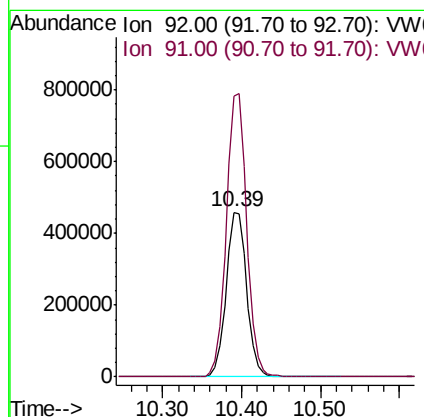
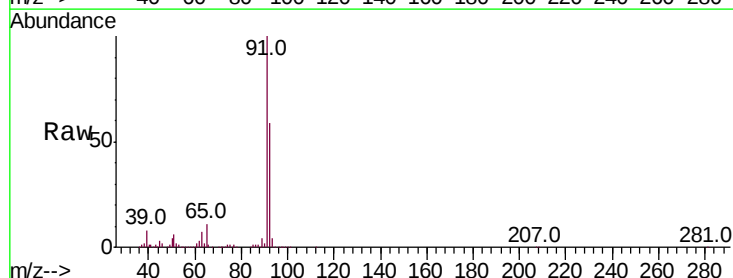
Instrument :
MSVOA_F
ClientSampleId :

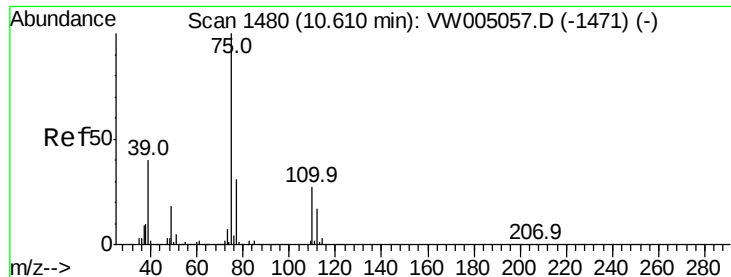
Tot Ion: 43 Resp: 953536
Ion Ratio Lower Upper
43 100
58 41.8 33.3 49.9



#52
Toluene
Concen: 55.682 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.01 min
Lab File: VW005202.D
Acq: 07 Sep 2018 10:38

Tgt Ion: 92 Resp: 825811
Ion Ratio Lower Upper
92 100
91 171.6 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 55.547 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005202.D

Acq: 07 Sep 2018 10:38

Instrument :

MSVOA_F

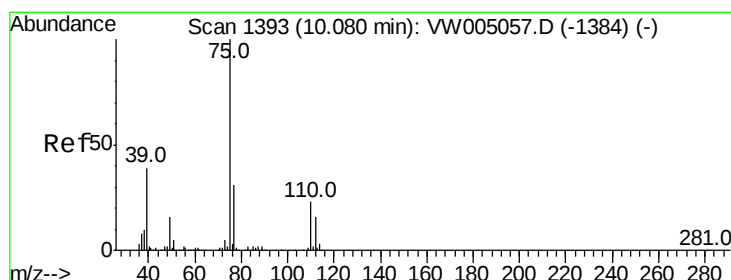
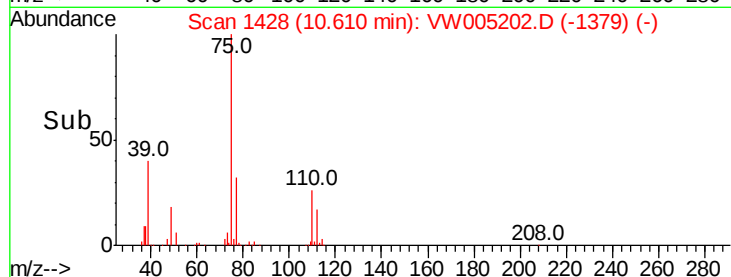
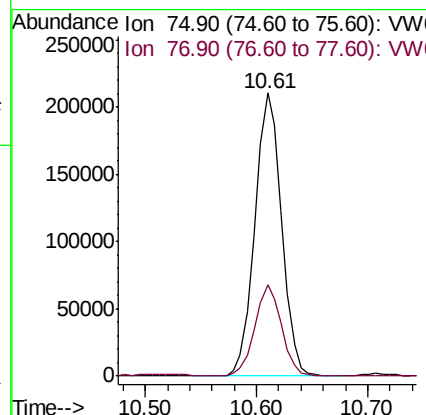
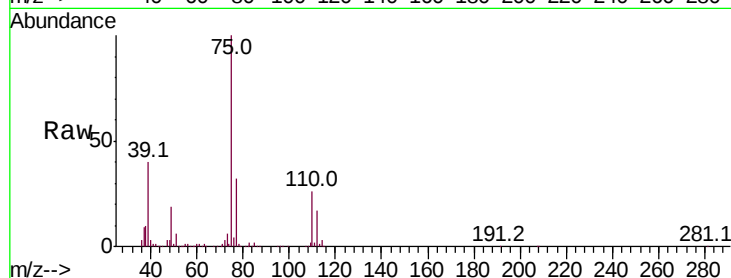
ClientSampleId :

Tot Ion: 75 Resp: 351396

Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 55.536 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005202.D

Acq: 07 Sep 2018 10:38

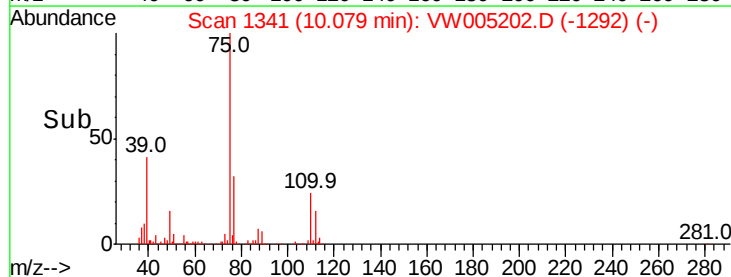
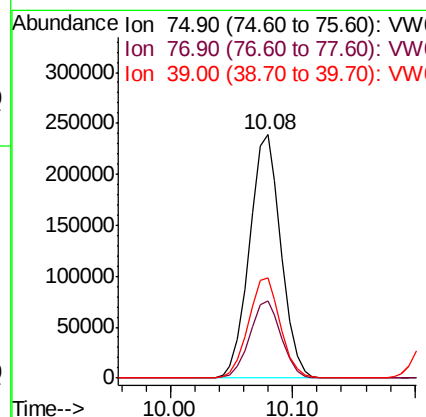
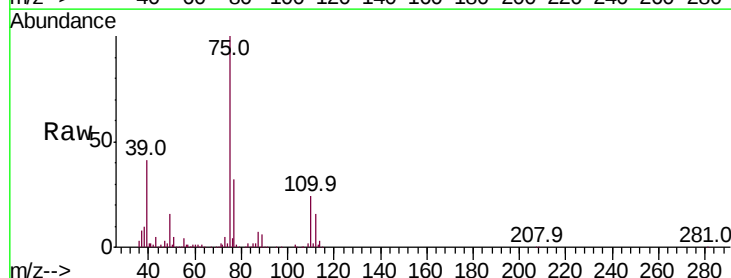
Tgt Ion: 75 Resp: 427271

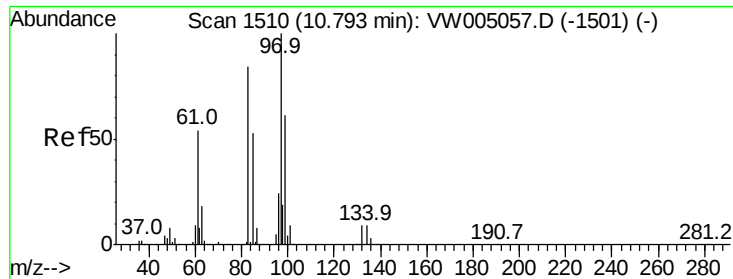
Ion Ratio Lower Upper

75 100

77 31.7 24.9 37.3

39 41.3 31.0 46.6

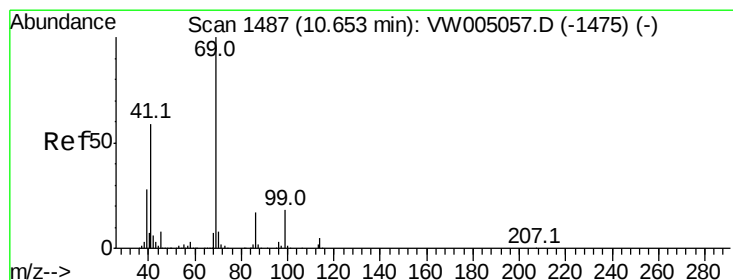
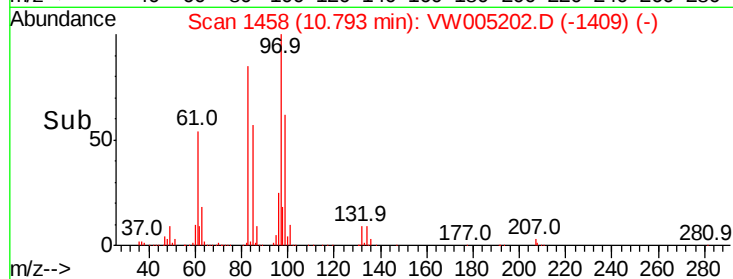
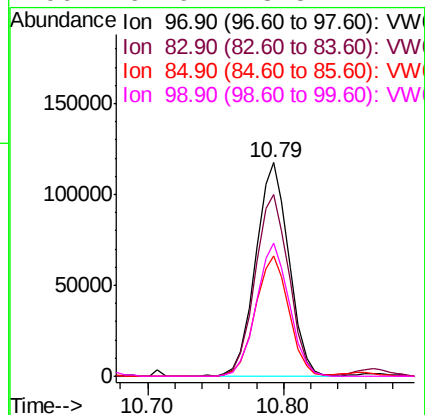
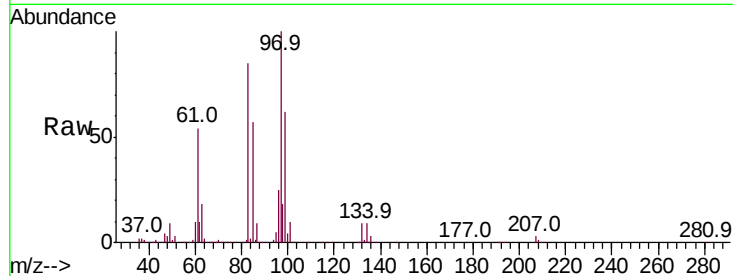




#55
 1,1,2-Trichloroethane
 Concen: 50.772 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005202.D
 Acq: 07 Sep 2018 10:38

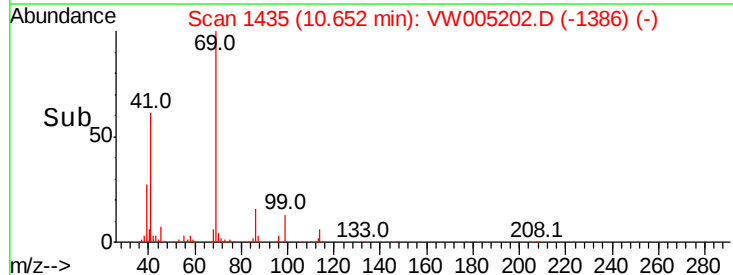
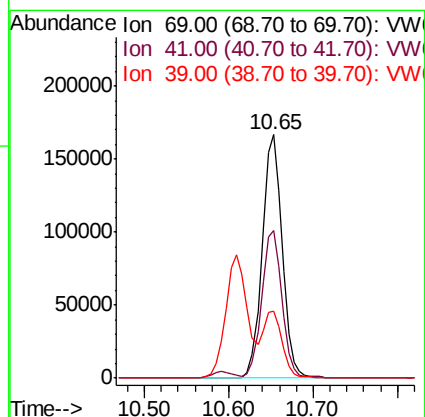
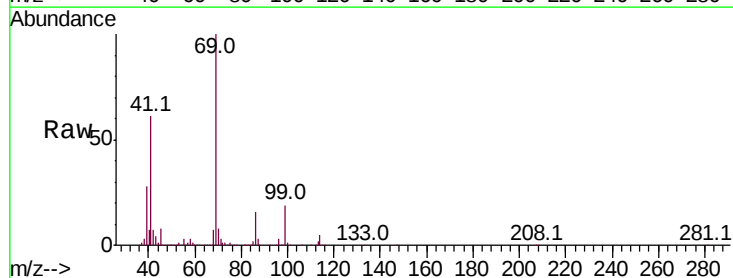
Instrument :
 MSVOA_F
 ClientSampleId :

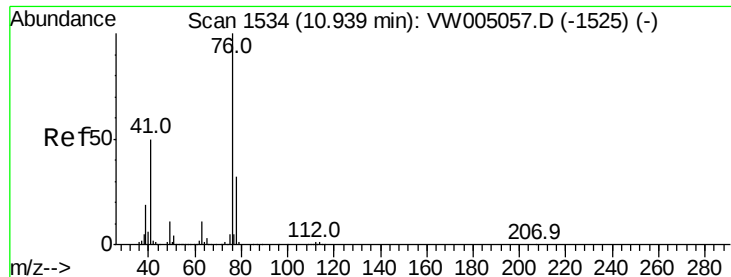
Tot Ion:	97	Resp:	200997
Ion	Ratio	Lower	Upper
97	100		
83	85.2	67.0	100.6
85	56.6	42.3	63.5
99	61.9	48.5	72.7



#56
 Ethyl methacrylate
 Concen: 60.529 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005202.D
 Acq: 07 Sep 2018 10:38

Tgt Ion:	69	Resp:	273377
Ion	Ratio	Lower	Upper
69	100		
41	61.0	47.8	71.6
39	25.8	21.1	31.7





#57

1,3-Dichloropropane

Concen: 52.972 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW005202.D

Acq: 07 Sep 2018 10:38

Instrument :

MSVOA_F

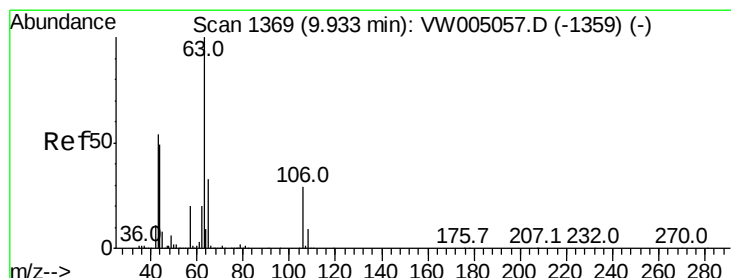
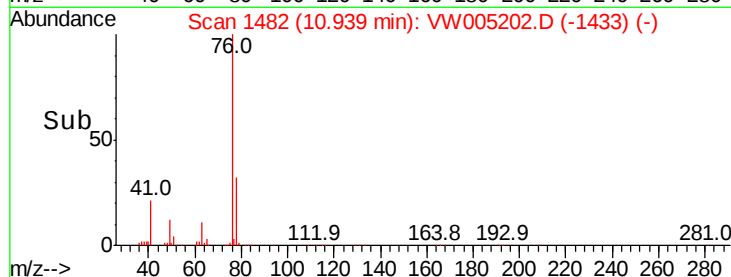
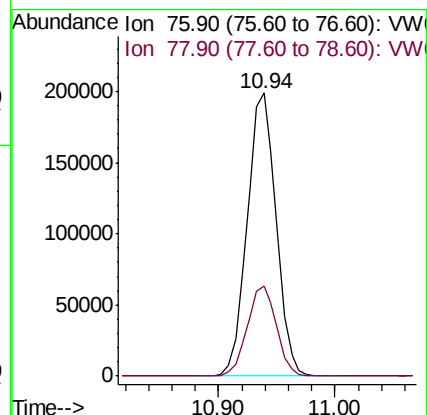
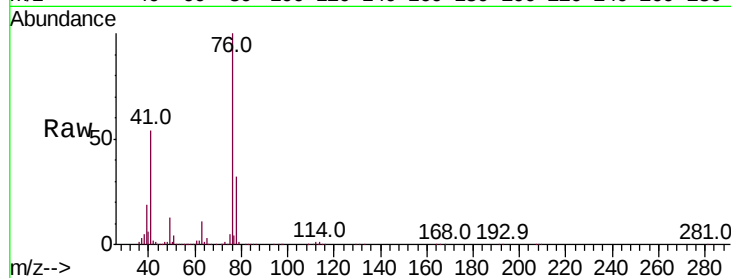
ClientSampled :

Tot Ion: 76 Resp: 345240

Ion Ratio Lower Upper

76 100

78 32.1 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 281.223 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VW005202.D

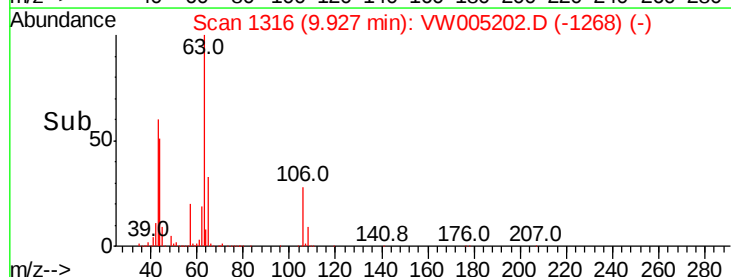
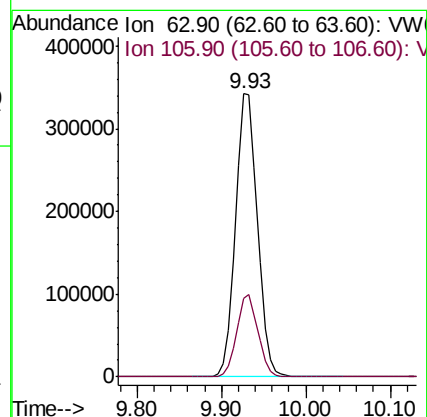
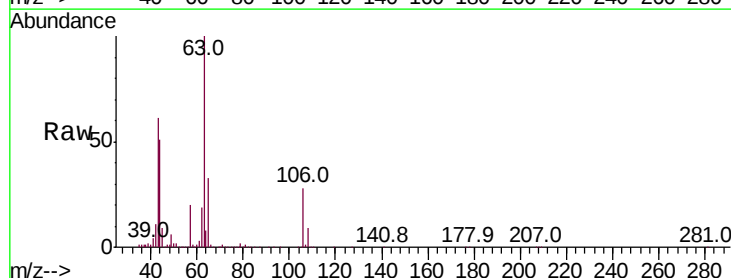
Acq: 07 Sep 2018 10:38

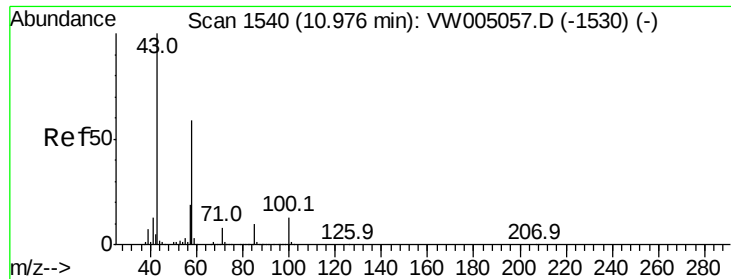
Tgt Ion: 63 Resp: 601851

Ion Ratio Lower Upper

63 100

106 28.1 23.1 34.7





#59

2-Hexanone

Concen: 325.409 ug/l

RT: 10.98 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VW005202.D

Acq: 07 Sep 2018 10:38

Instrument :

MSVOA_F

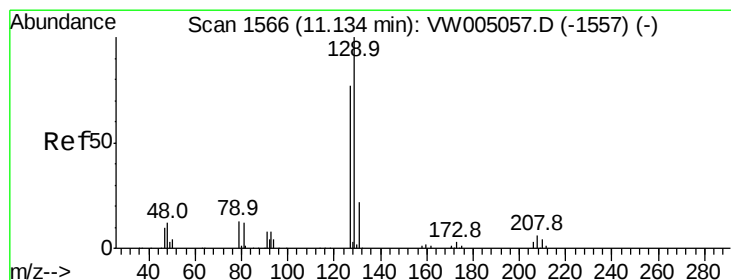
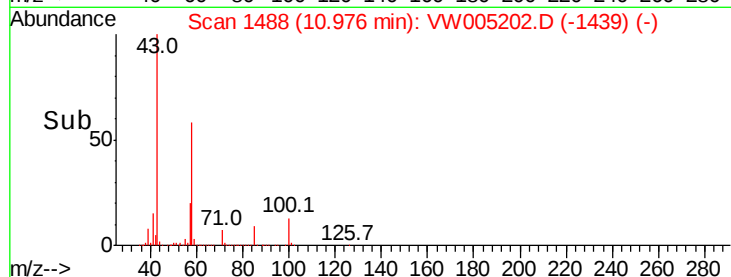
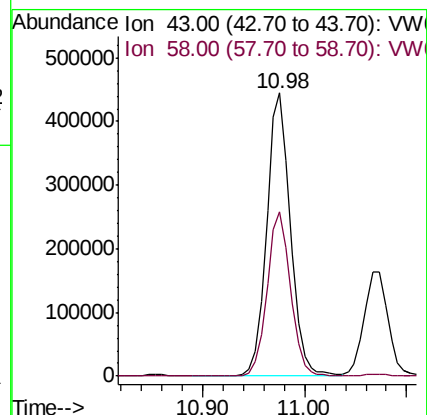
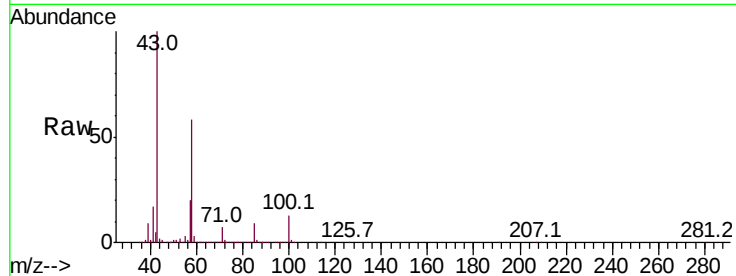
ClientSampleId :

Tot Ion: 43 Resp: 717714

Ion Ratio Lower Upper

43 100

58 57.4 28.7 86.3



#60

Dibromochloromethane

Concen: 51.119 ug/l

RT: 11.13 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VW005202.D

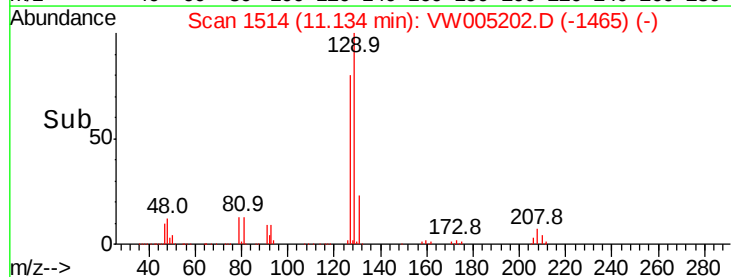
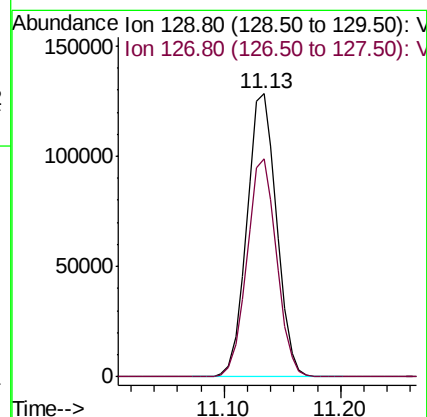
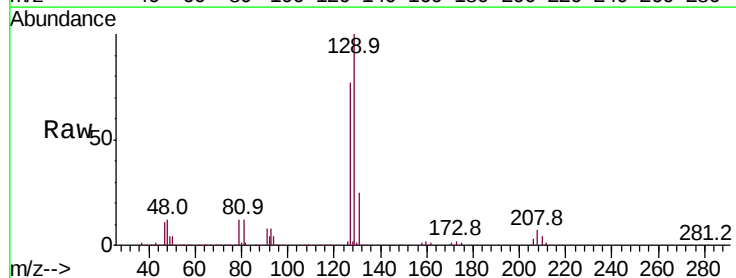
Acq: 07 Sep 2018 10:38

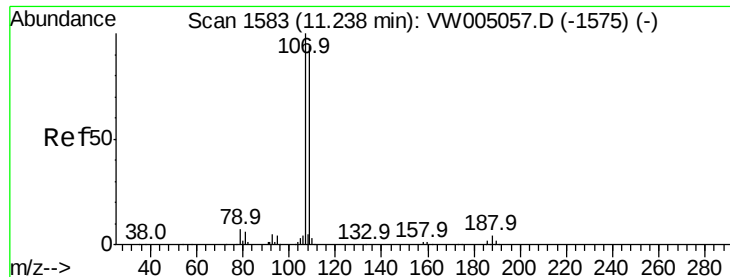
Tgt Ion: 129 Resp: 228785

Ion Ratio Lower Upper

129 100

127 76.7 38.9 116.7

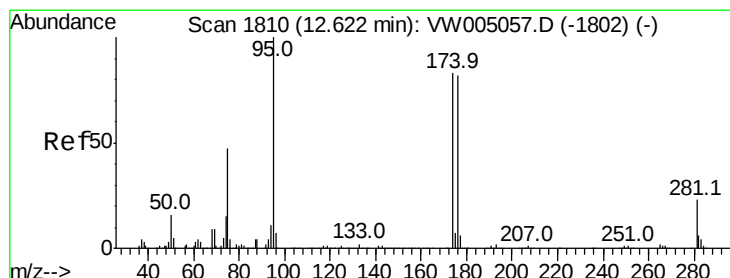
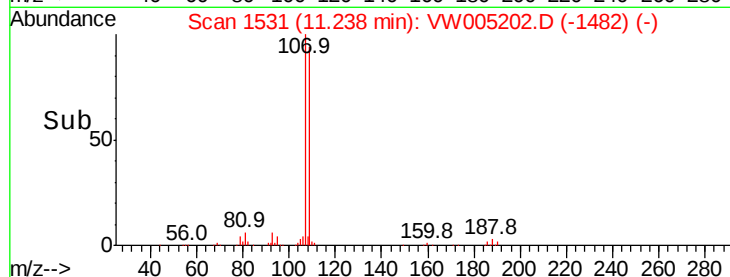
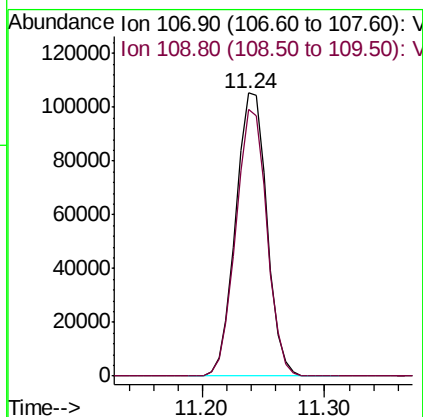
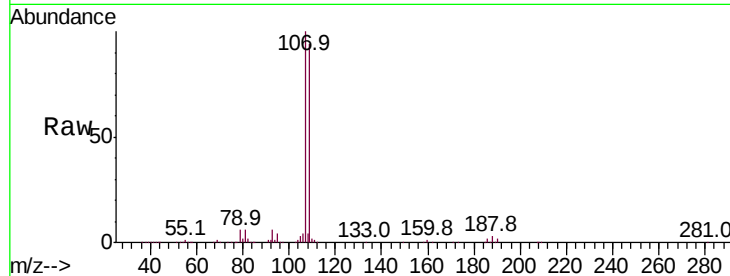




#61
 1,2-Dibromoethane
 Concen: 52.118 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005202.D
 Acq: 07 Sep 2018 10:38

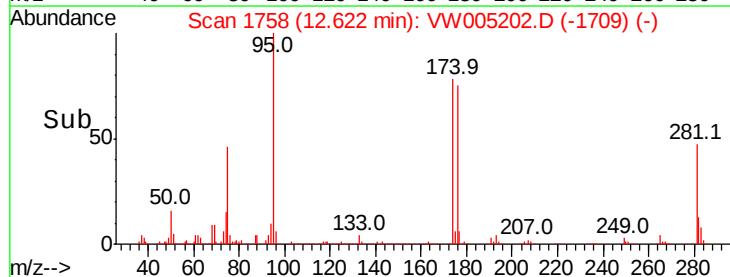
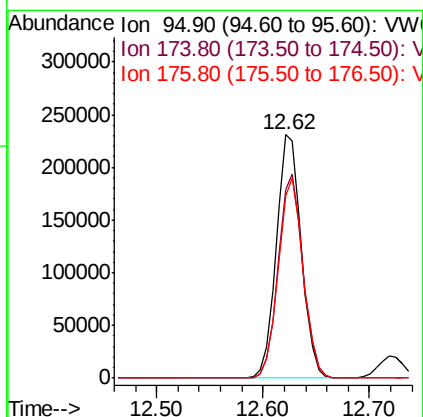
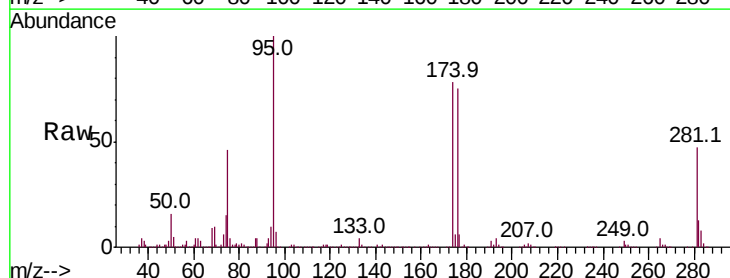
Instrument :
 MSVOA_F
 ClientSampleId :

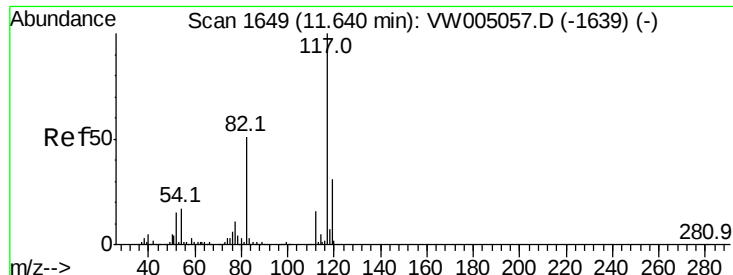
Tot Ion:107 Resp: 186274
 Ion Ratio Lower Upper
 107 100
 109 93.6 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 53.232 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005202.D
 Acq: 07 Sep 2018 10:38

Tgt Ion: 95 Resp: 375217
 Ion Ratio Lower Upper
 95 100
 174 83.1 0.0 173.4
 176 81.2 0.0 167.4

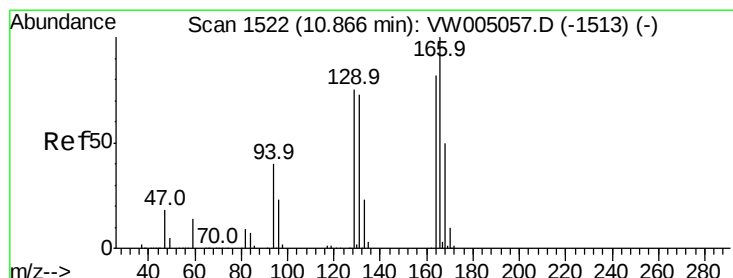
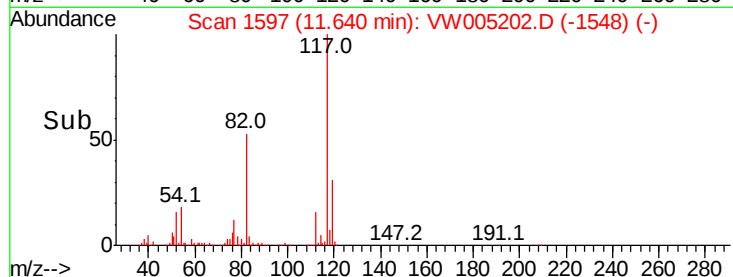
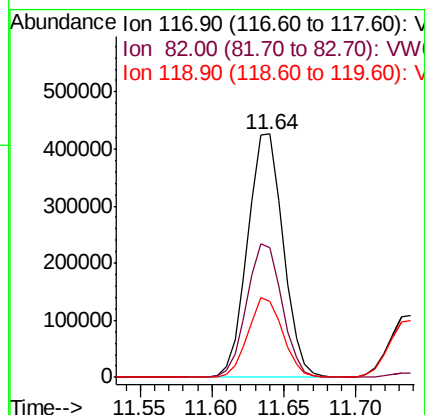
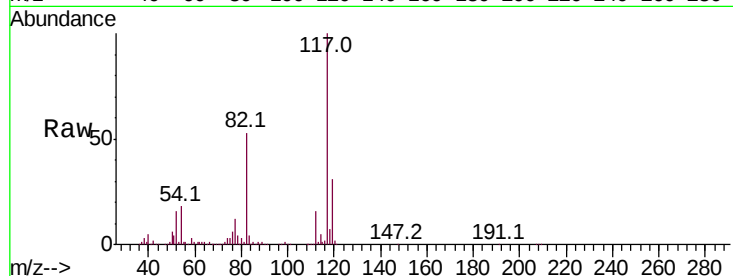




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005202.D
Acq: 07 Sep 2018 10:38

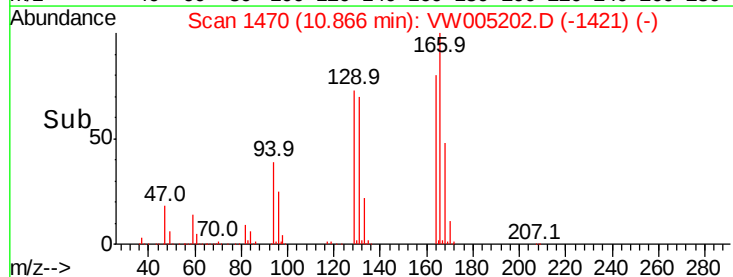
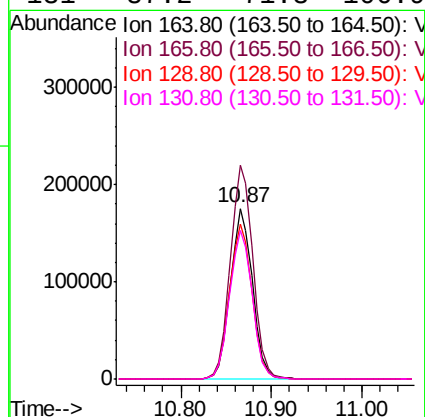
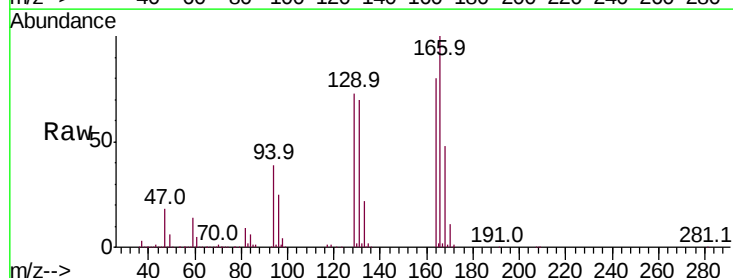
Instrument :
MSVOA_F
ClientSampleId :

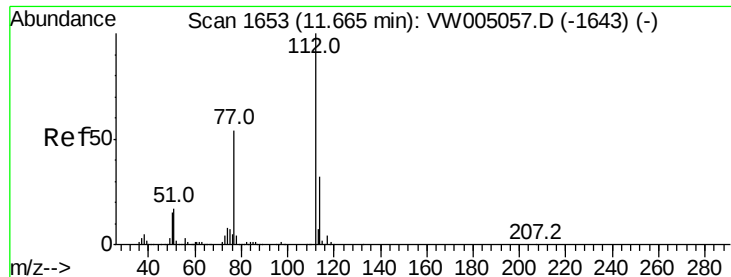
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	40.9	61.3
119	31.3	24.9	37.3



#64
Tetrachloroethene
Concen: 51.863 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005202.D
Acq: 07 Sep 2018 10:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.3	97.3	145.9
129	90.9	73.1	109.7
131	87.2	71.3	106.9

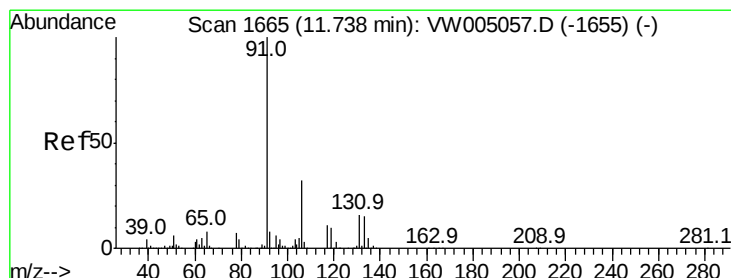
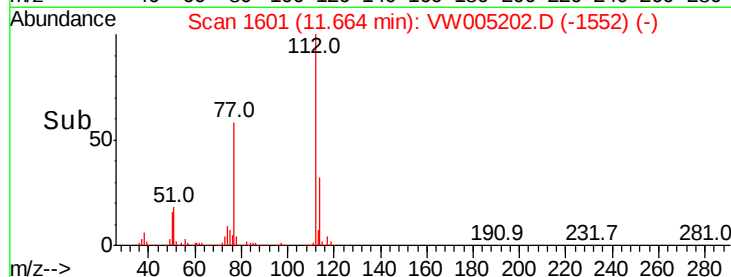
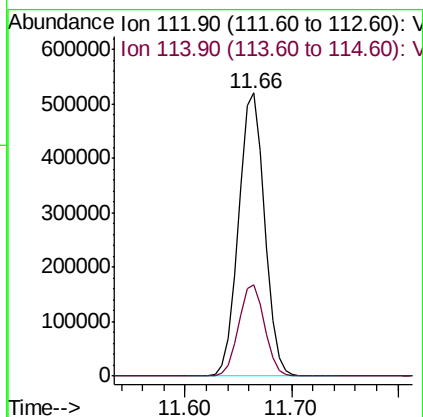
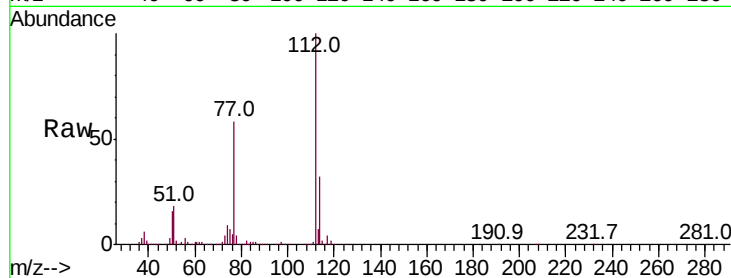




#65
Chlorobenzene
Concen: 54.569 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005202.D
Acq: 07 Sep 2018 10:38

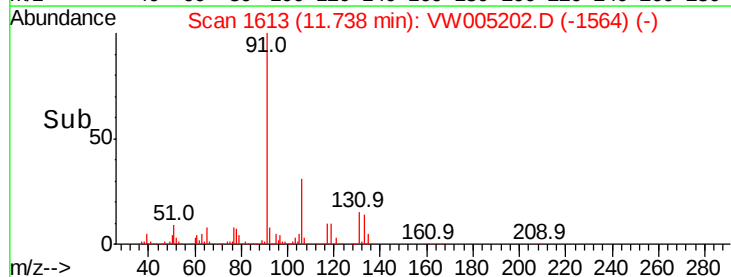
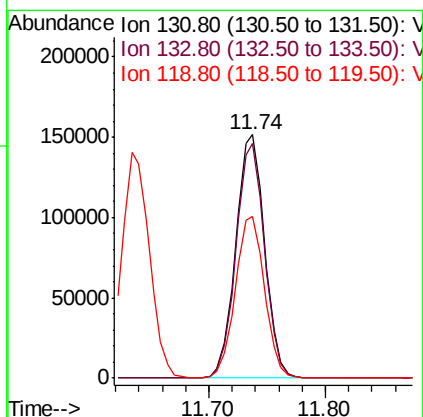
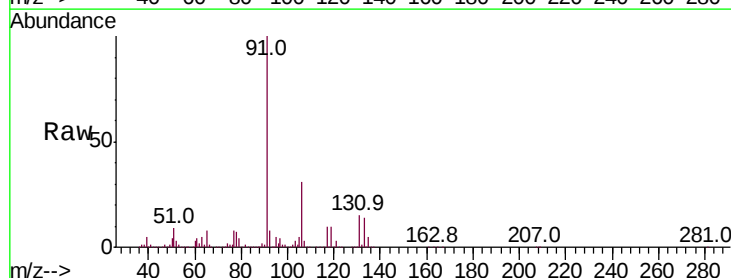
Instrument :
MSVOA_F
ClientSampled :

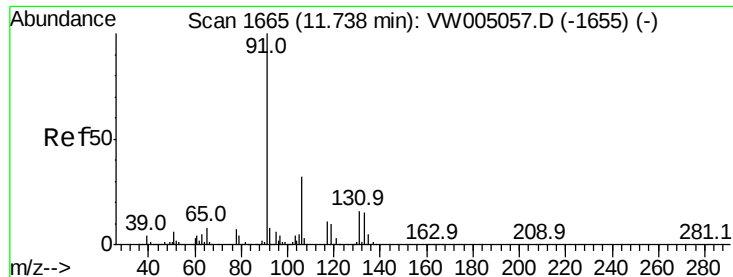
Tot Ion:112 Resp: 894284
Ion Ratio Lower Upper
112 100
114 32.4 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 52.265 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005202.D
Acq: 07 Sep 2018 10:38

Tgt Ion:131 Resp: 261742
Ion Ratio Lower Upper
131 100
133 95.4 47.4 142.3
119 67.2 33.4 100.1

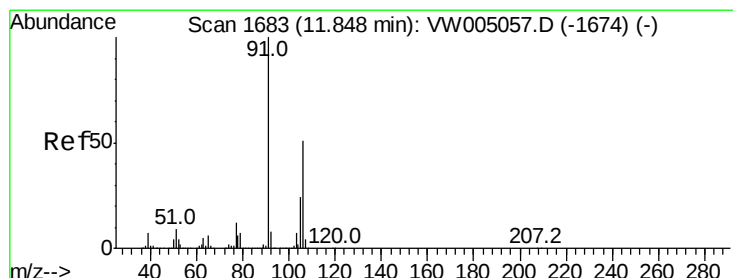
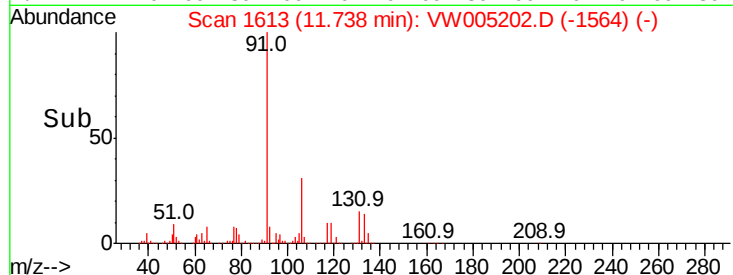
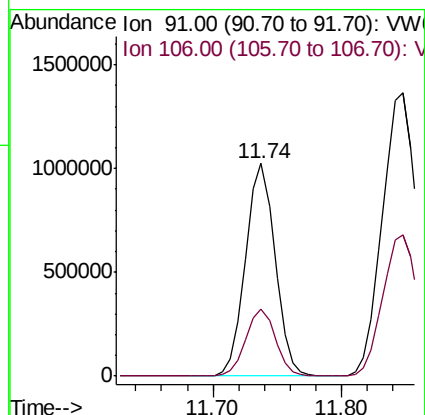
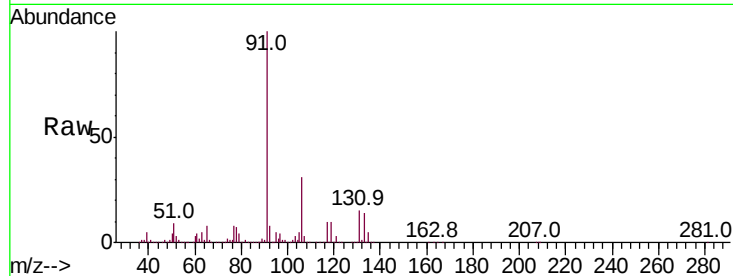




#67
Ethyl Benzene
Concen: 58.706 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005202.D
Acq: 07 Sep 2018 10:38

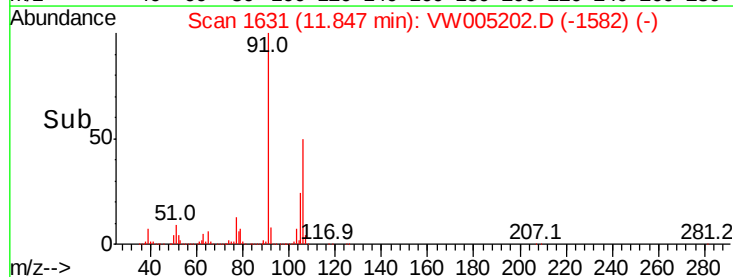
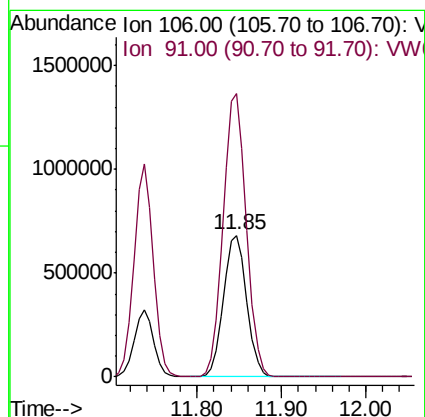
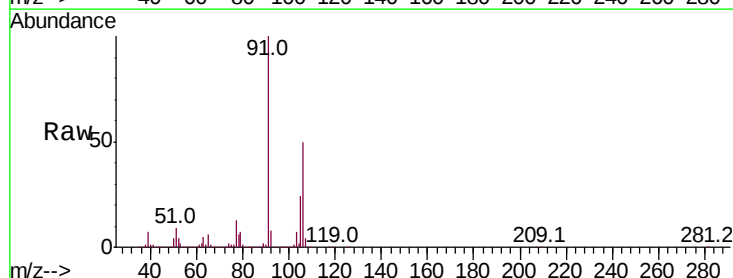
Instrument :
MSVOA_F
ClientSampleId :

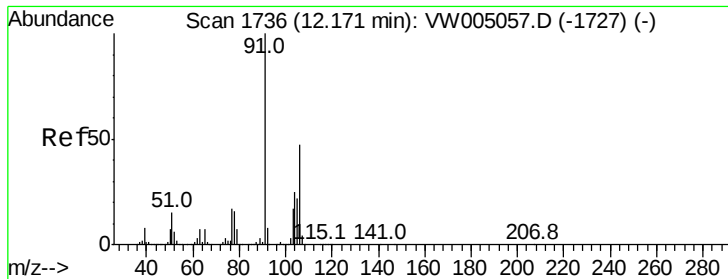
Tot Ion: 91 Resp: 1626431
Ion Ratio Lower Upper
91 100
106 31.5 25.3 37.9



#68
m/p-Xylenes
Concen: 116.253 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005202.D
Acq: 07 Sep 2018 10:38

Tgt Ion:106 Resp: 1289569
Ion Ratio Lower Upper
106 100
91 199.4 158.4 237.6

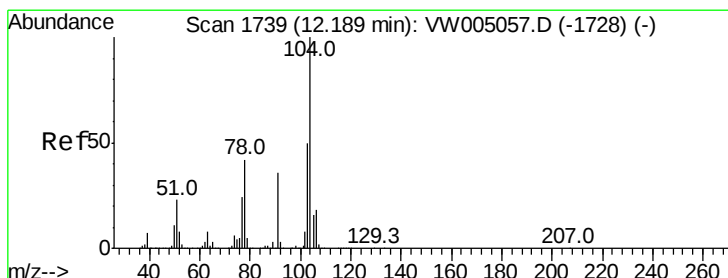
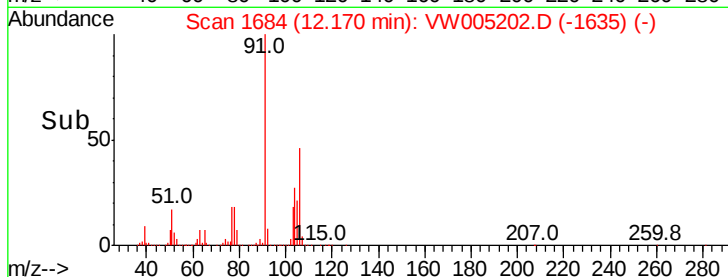
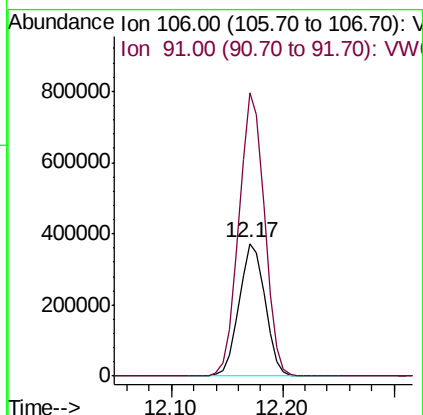
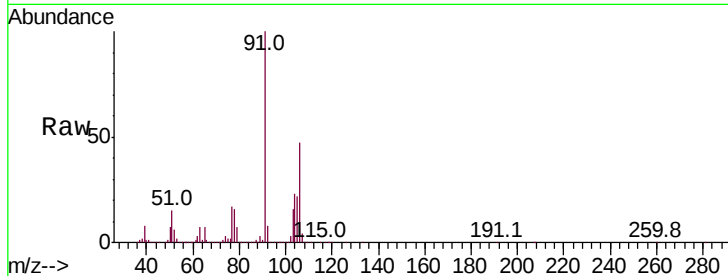




#69
o-Xylene
Concen: 58.741 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005202.D
Acq: 07 Sep 2018 10:38

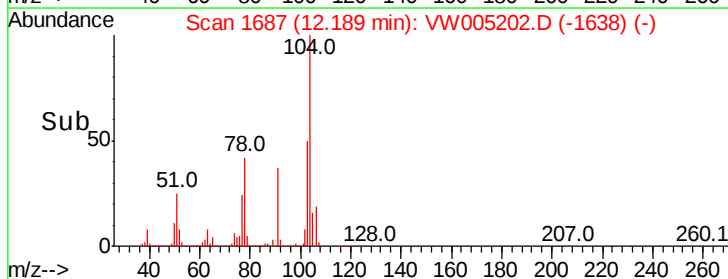
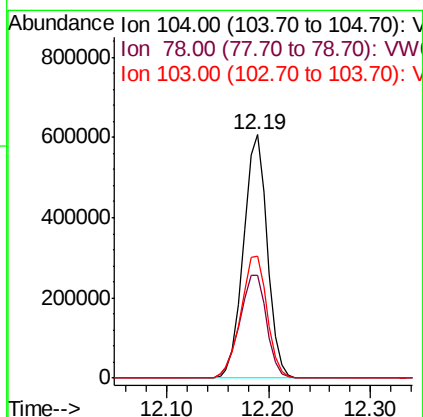
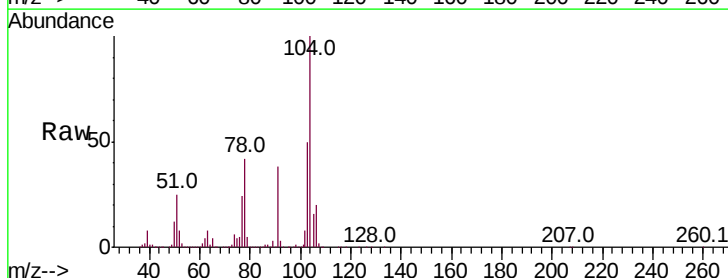
Instrument :
MSVOA_F
ClientSampled :

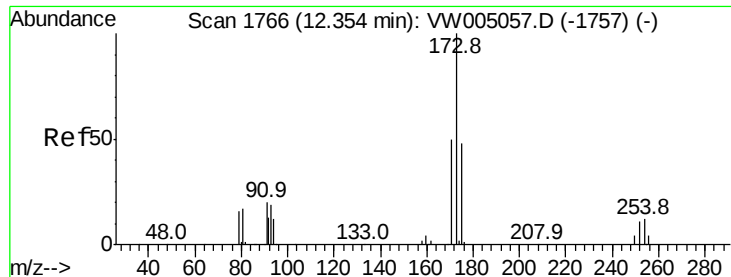
Tot Ion:106 Resp: 602444
Ion Ratio Lower Upper
106 100
91 210.5 105.6 316.8



#70
Styrene
Concen: 58.052 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005202.D
Acq: 07 Sep 2018 10:38

Tgt Ion:104 Resp: 983491
Ion Ratio Lower Upper
104 100
78 47.8 37.8 56.6
103 55.5 44.1 66.1





#71

Bromoform

Concen: 51.116 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005202.D

Acq: 07 Sep 2018 10:38

Instrument :

MSVOA_F

ClientSampleId :

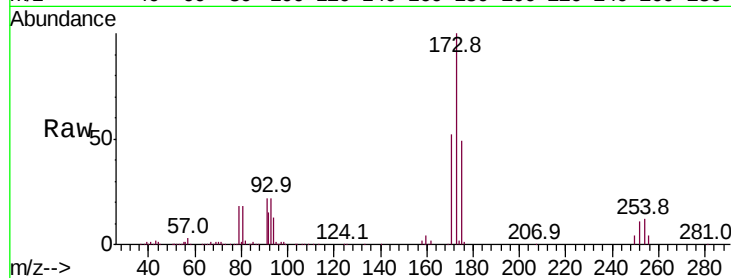
Tot Ion:173 Resp: 135676

Ion Ratio Lower Upper

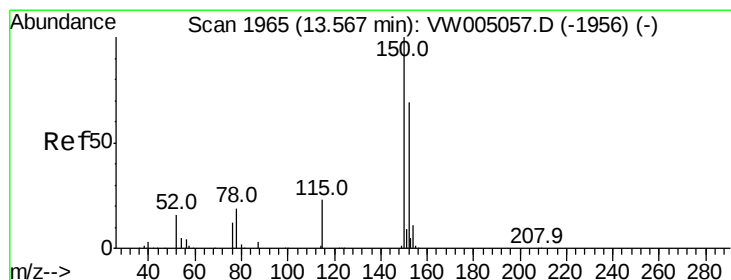
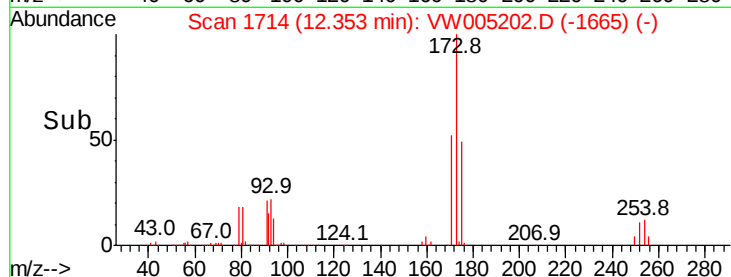
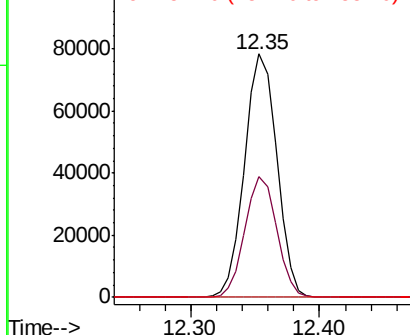
173 100

175 49.0 24.1 72.2

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005202.D

Acq: 07 Sep 2018 10:38

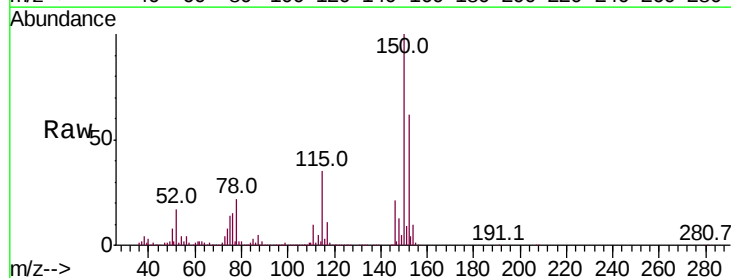
Tgt Ion:152 Resp: 385482

Ion Ratio Lower Upper

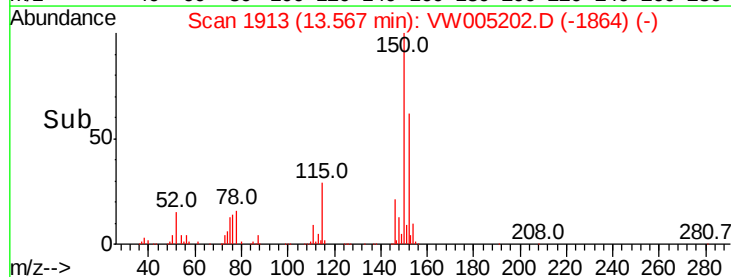
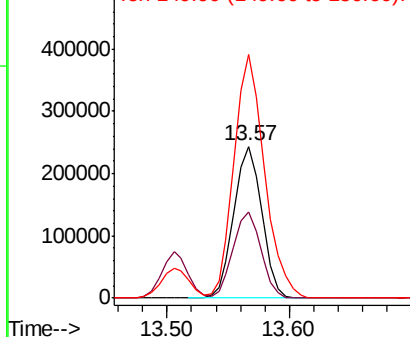
152 100

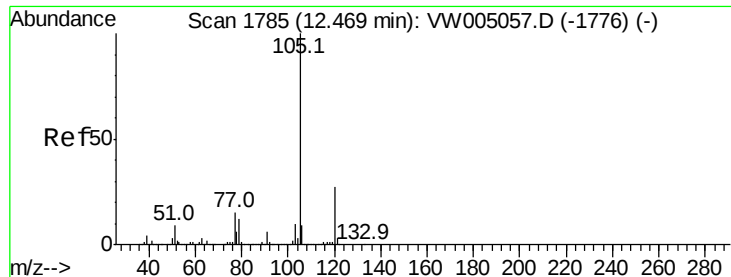
115 56.6 27.8 83.4

150 175.7 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: 60.657 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005202.D

Acq: 07 Sep 2018 10:38

Instrument :

MSVOA_F

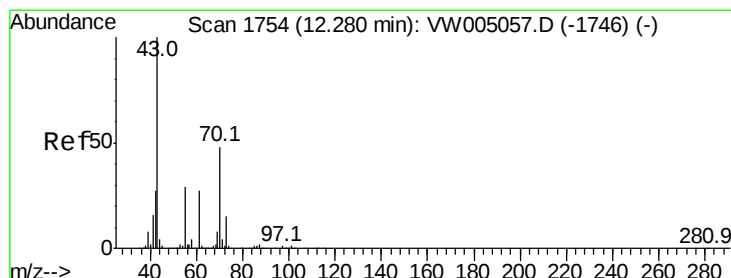
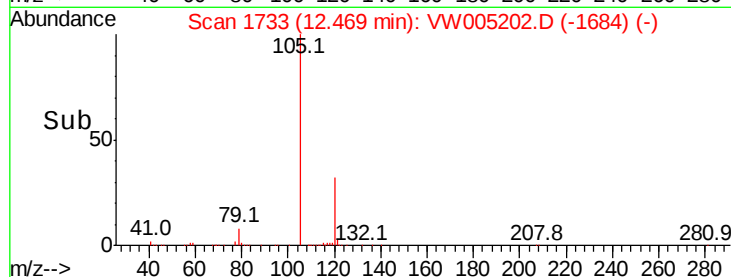
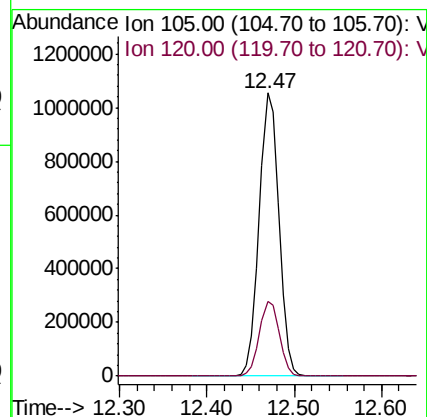
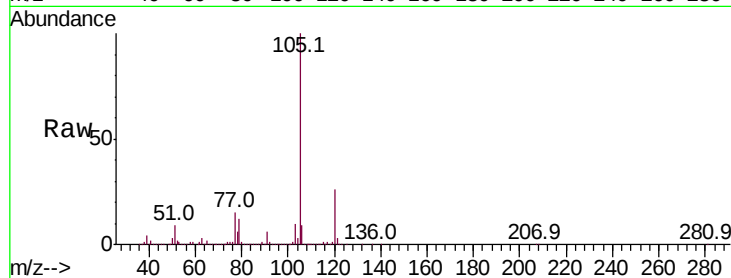
ClientSampleId :

Tot Ion:105 Resp: 1648700

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.1



#74

N-ethyl acetate

Concen: 64.303 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005202.D

Acq: 07 Sep 2018 10:38

Tgt Ion: 43 Resp: 300950

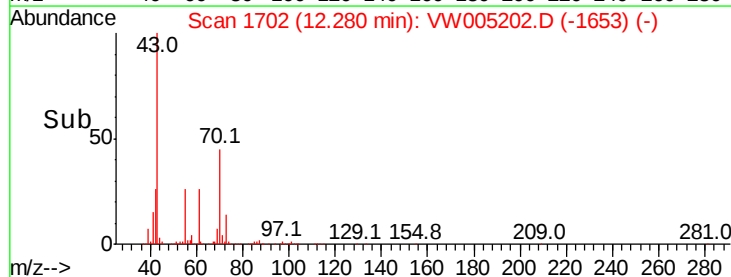
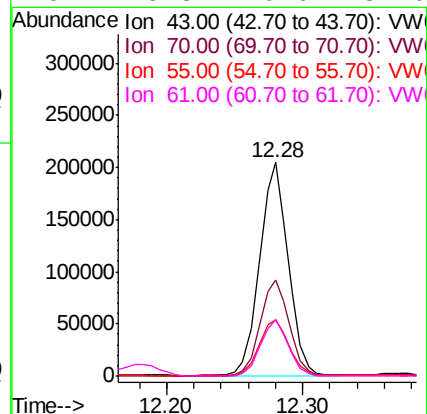
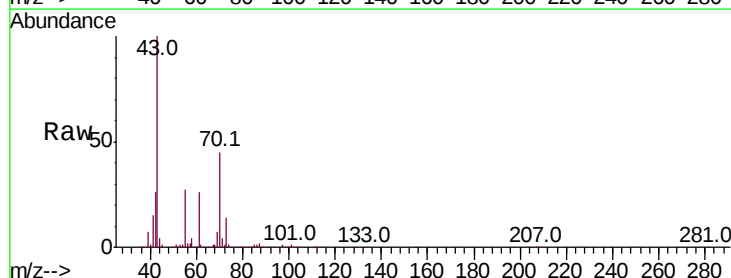
Ion Ratio Lower Upper

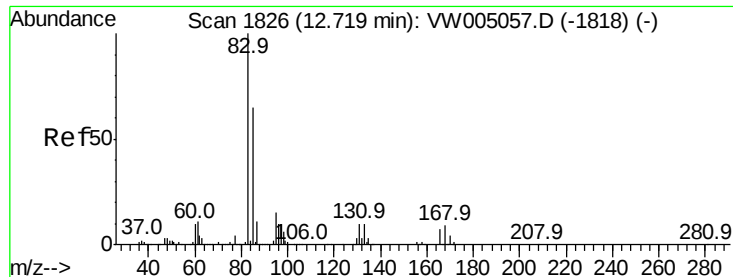
43 100

70 46.2 38.2 57.4

55 27.8 23.2 34.8

61 25.8 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 55.966 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005202.D

Acq: 07 Sep 2018 10:38

Instrument :

MSVOA_F

ClientSampleId :

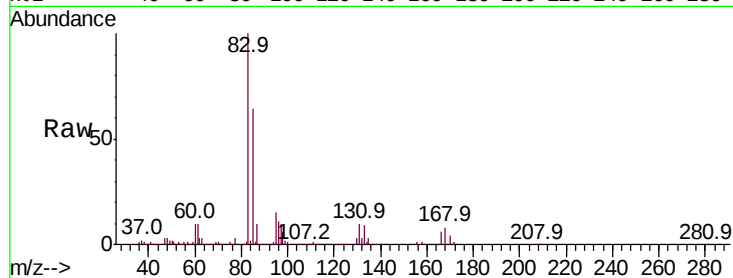
Tot Ion: 83 Resp: 231576

Ion Ratio Lower Upper

83 100

131 10.6 5.5 16.4

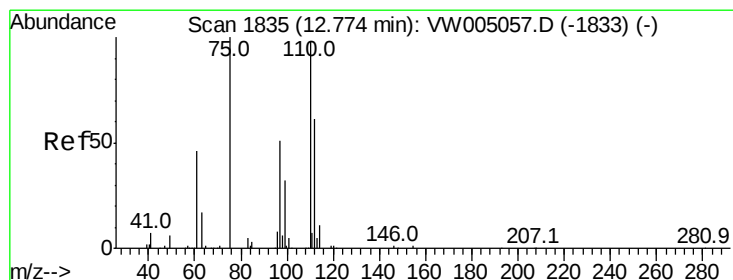
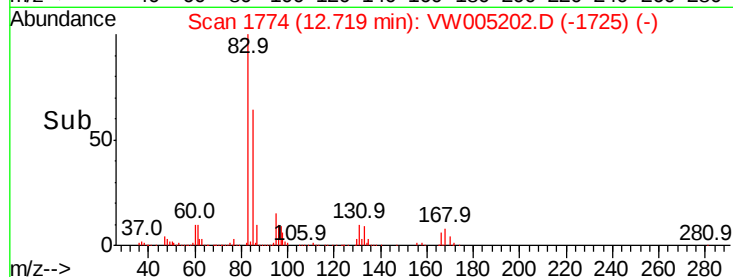
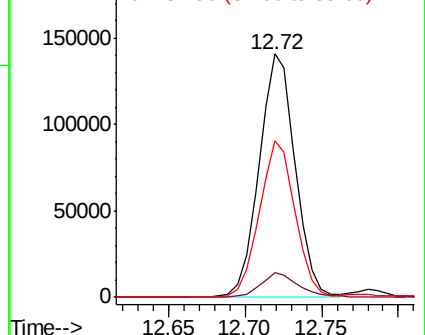
85 63.5 32.5 97.4



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: 107.107 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005202.D

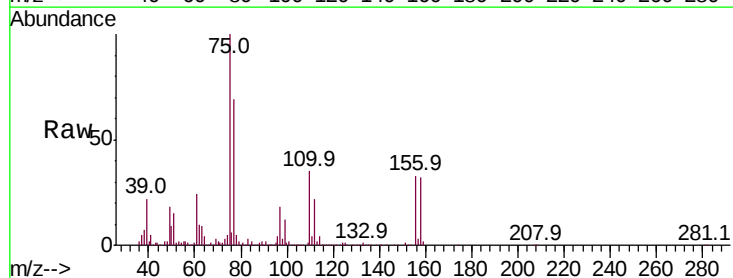
Acq: 07 Sep 2018 10:38

Tgt Ion: 75 Resp: 309915

Ion Ratio Lower Upper

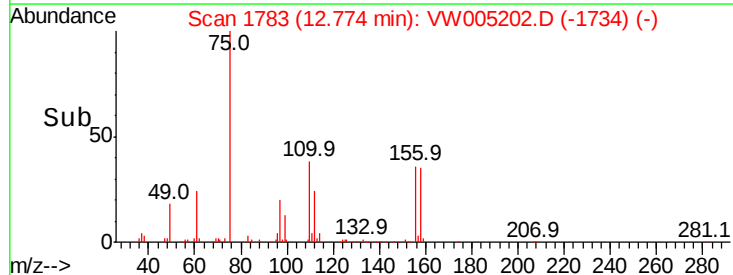
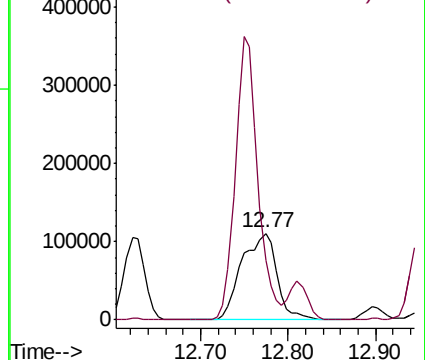
75 100

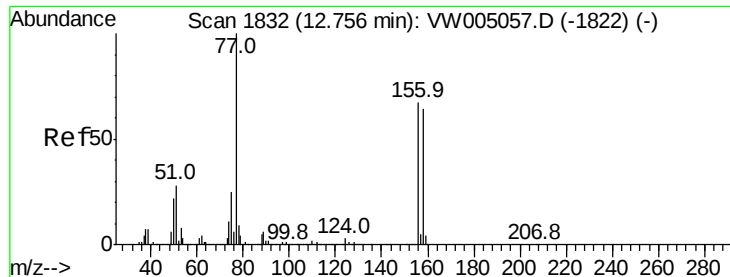
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

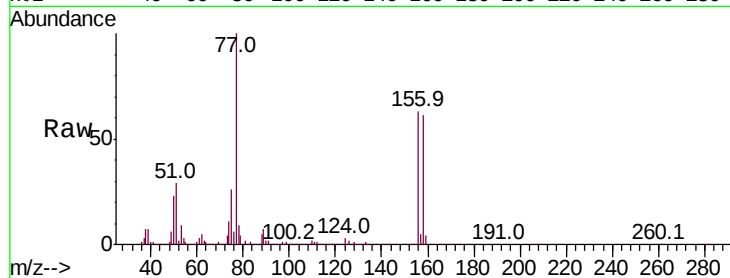




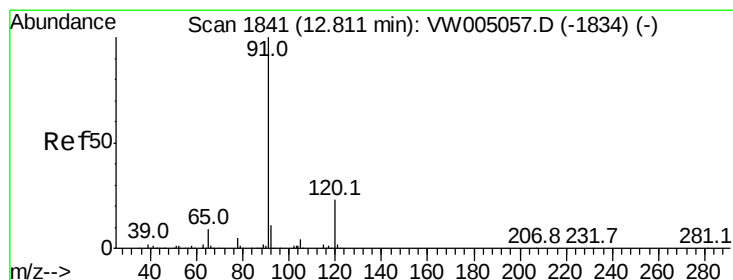
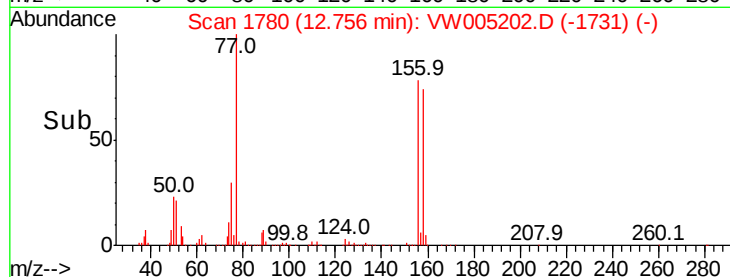
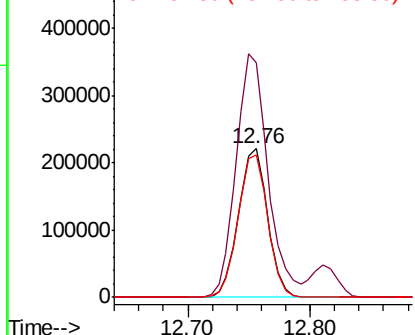
#77
Bromobenzene
Concen: 54.361 ug/l
RT: 12.76 min Scan# 1780
Delta R.T. -0.00 min
Lab File: VW005202.D
Acq: 07 Sep 2018 10:38

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:156 Resp: 364074
Ion Ratio Lower Upper
156 100
77 179.4 85.8 257.4
158 97.6 48.1 144.4

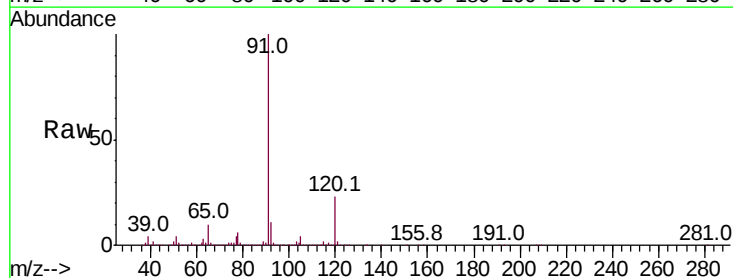


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VW
Ion 157.80 (157.50 to 158.50): V

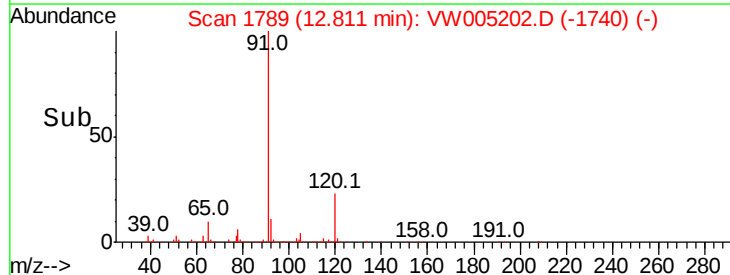
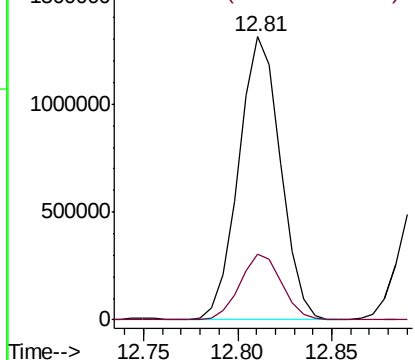


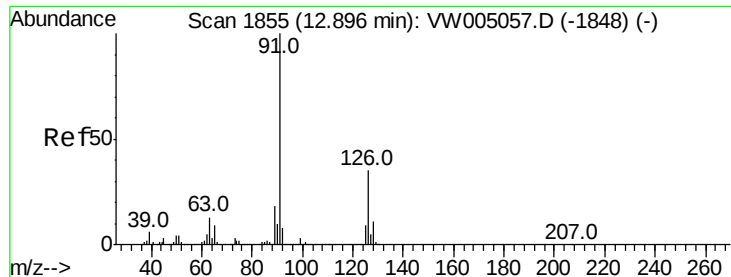
#78
n-propylbenzene
Concen: 61.408 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW005202.D
Acq: 07 Sep 2018 10:38

Tgt Ion: 91 Resp: 2014926
Ion Ratio Lower Upper
91 100
120 23.2 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 57.947 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005202.D

Acq: 07 Sep 2018 10:38

Instrument :

MSVOA_F

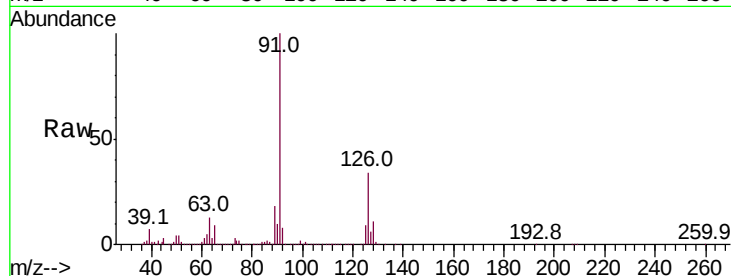
ClientSampleId :

Tot Ion: 91 Resp: 1109300

Ion Ratio Lower Upper

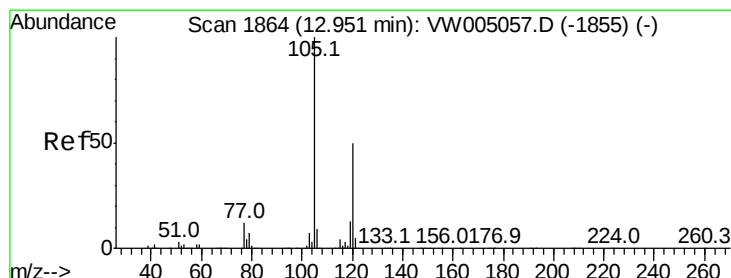
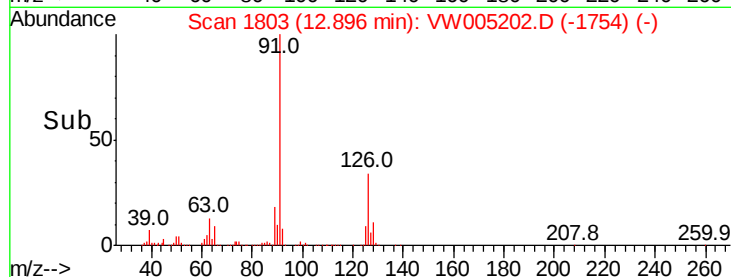
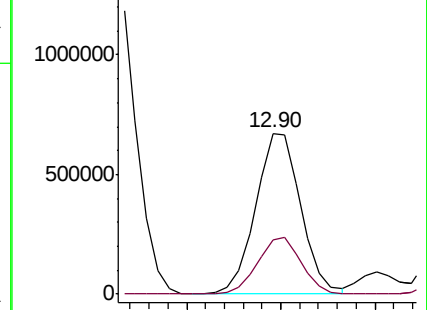
91 100

126 34.5 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: 59.766 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005202.D

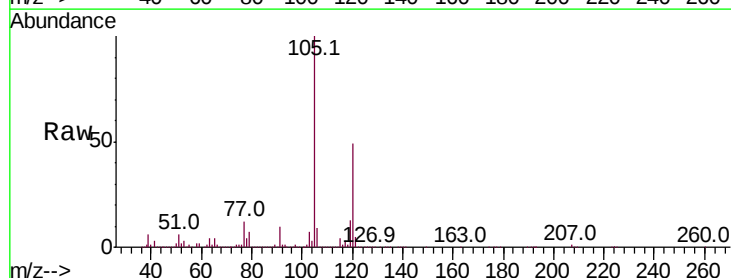
Acq: 07 Sep 2018 10:38

Tgt Ion:105 Resp: 1404813

Ion Ratio Lower Upper

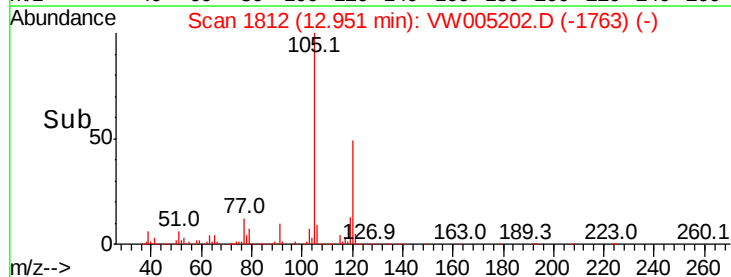
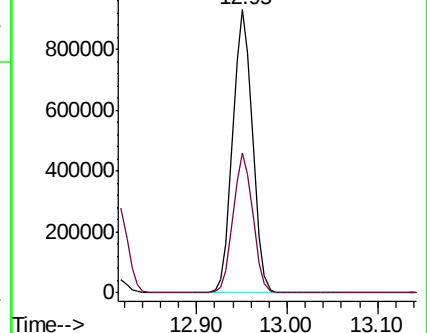
105 100

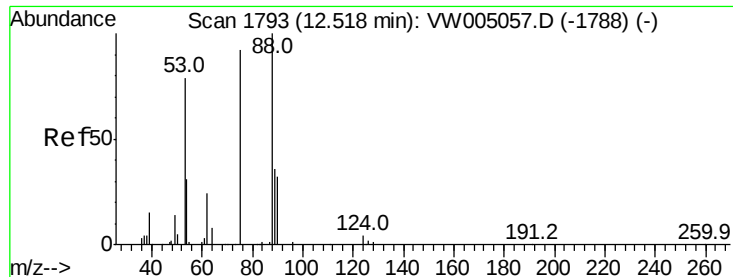
120 49.2 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 61.007 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW005202.D

Acq: 07 Sep 2018 10:38

Instrument :

MSVOA_F

ClientSampleId :

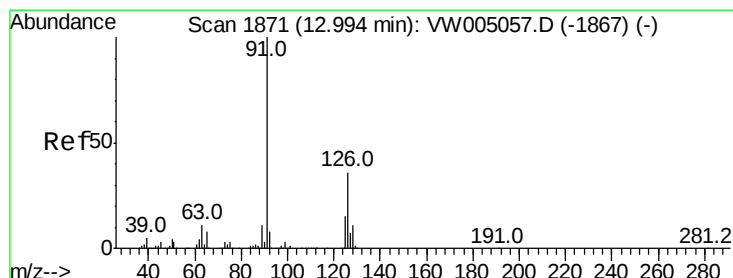
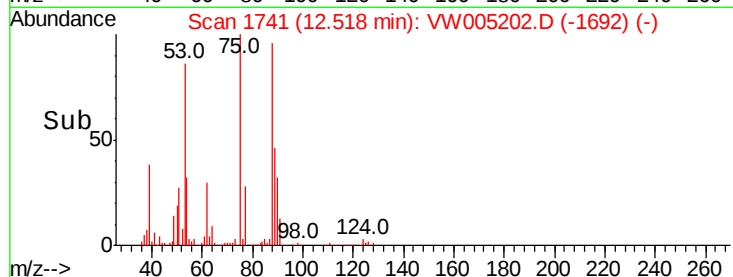
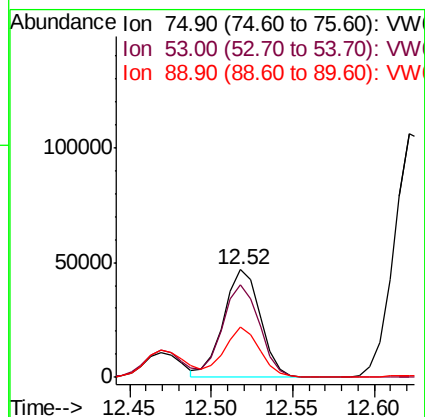
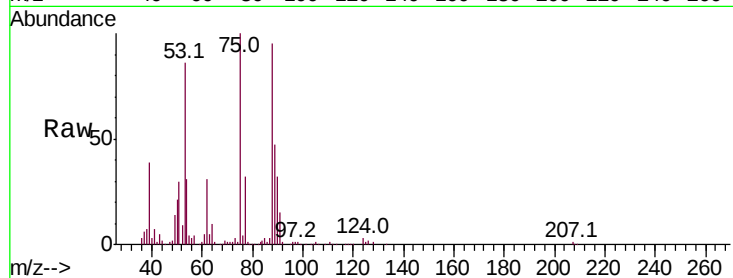
Tot Ion: 75 Resp: 73341

Ion Ratio Lower Upper

75 100

53 84.8 69.8 104.8

89 44.8 36.0 54.0



#82

4-Chlorotoluene

Concen: 57.517 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW005202.D

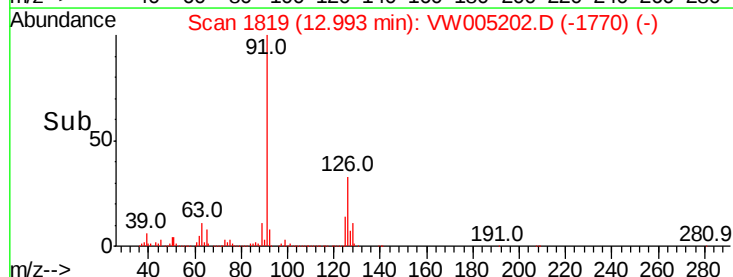
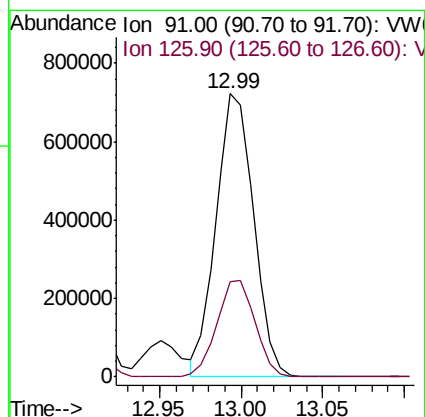
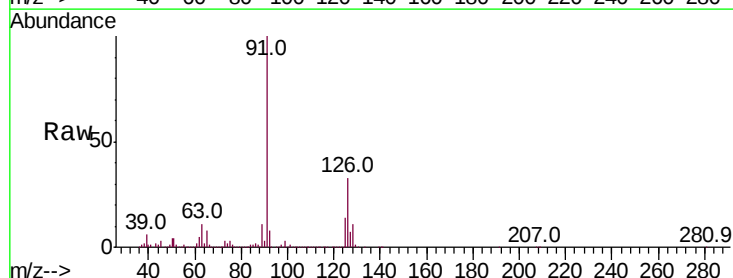
Acq: 07 Sep 2018 10:38

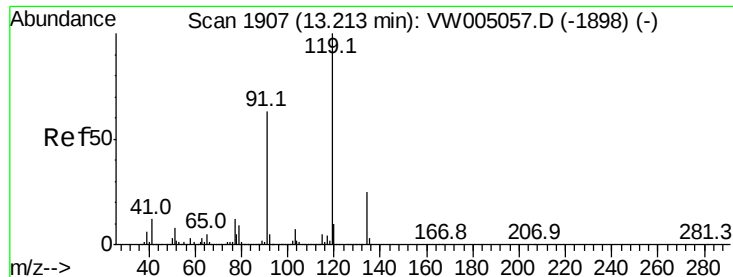
Tgt Ion: 91 Resp: 1162677

Ion Ratio Lower Upper

91 100

126 34.6 17.4 52.3





#83

tert-Butylbenzene

Concen: 61.422 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005202.D

Acq: 07 Sep 2018 10:38

Instrument :

MSVOA_F

ClientSampled :

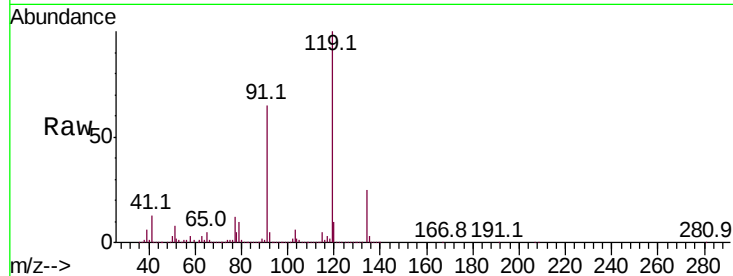
Tot Ion:119 Resp: 1205686

Ion Ratio Lower Upper

119 100

91 64.5 31.8 95.4

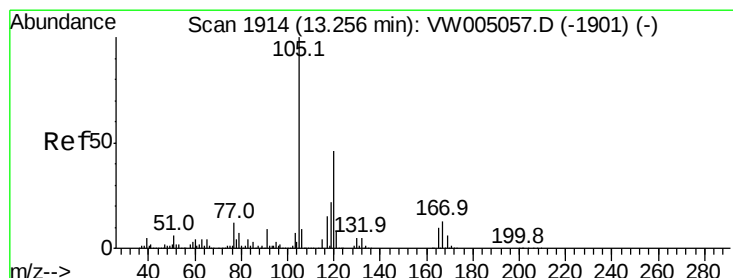
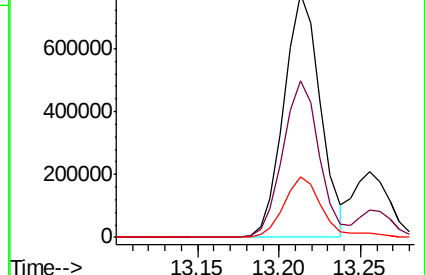
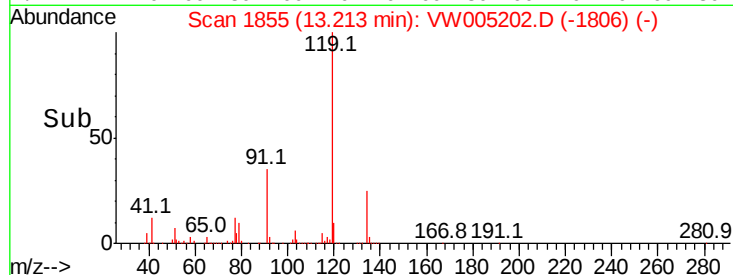
134 26.2 13.0 39.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 59.142 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW005202.D

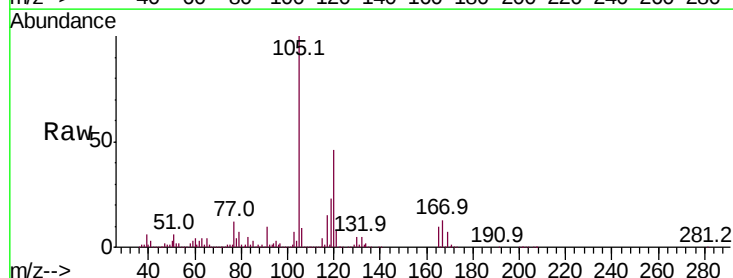
Acq: 07 Sep 2018 10:38

Tgt Ion:105 Resp: 1415769

Ion Ratio Lower Upper

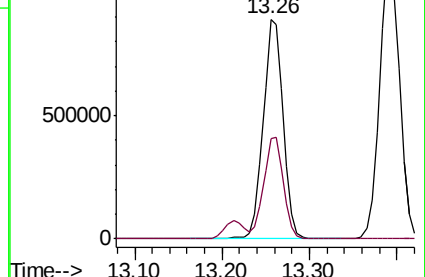
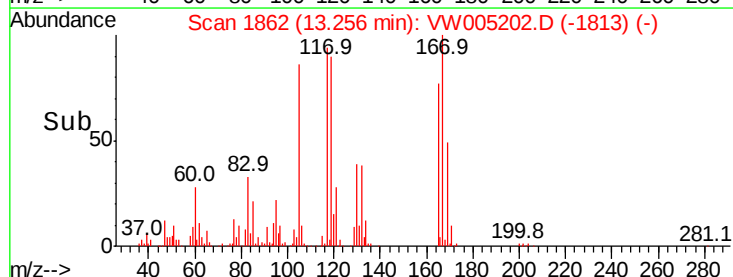
105 100

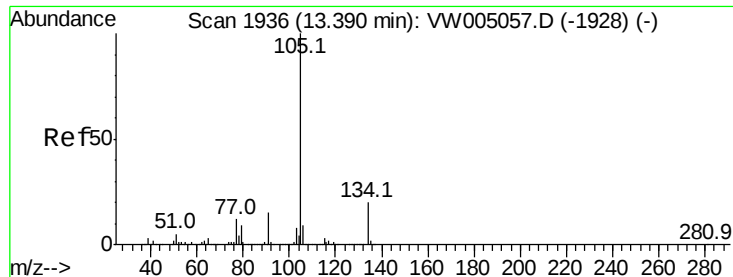
120 45.7 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 61.529 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005202.D

Acq: 07 Sep 2018 10:38

Instrument :

MSVOA_F

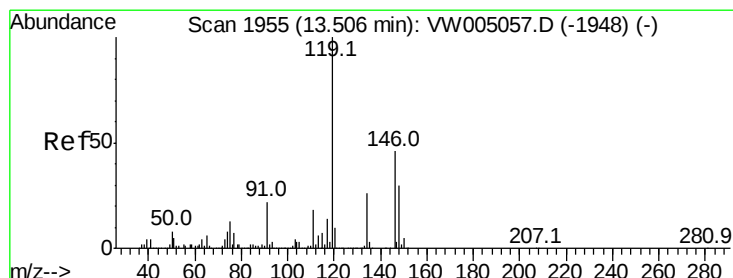
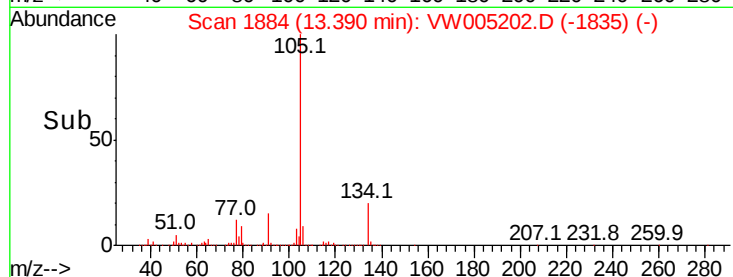
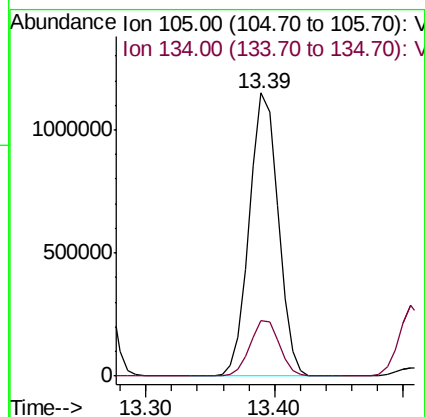
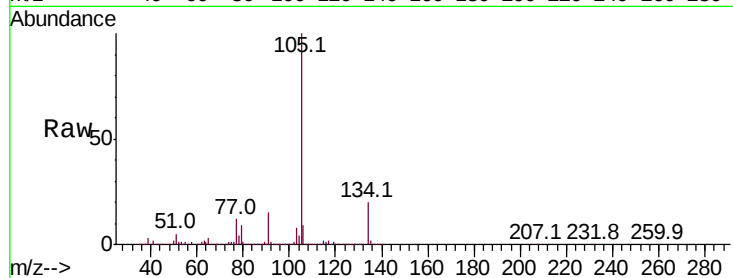
ClientSampleId :

Tot Ion:105 Resp: 1774967

Ion Ratio Lower Upper

105 100

134 19.9 10.1 30.3



#86

p-Isopropyltoluene

Concen: 61.631 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005202.D

Acq: 07 Sep 2018 10:38

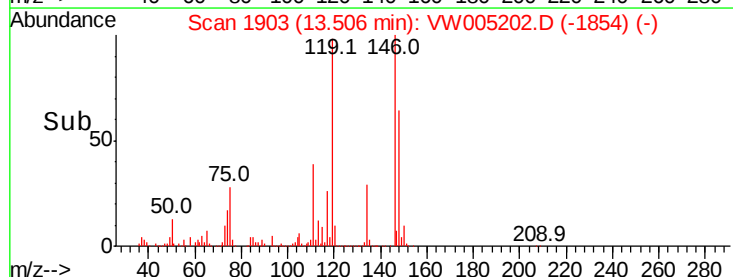
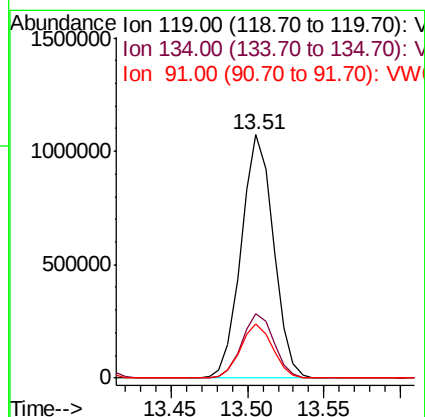
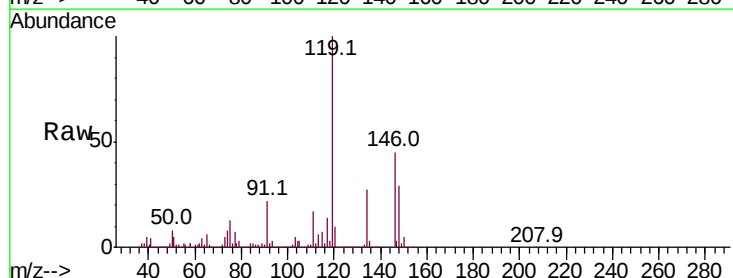
Tgt Ion:119 Resp: 1573791

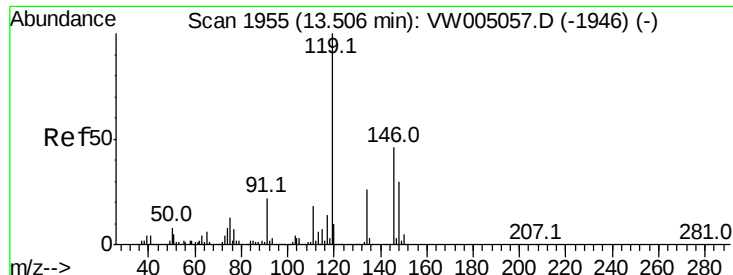
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 22.0 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 55.550 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005202.D

Acq: 07 Sep 2018 10:38

Instrument :

MSVOA_F

ClientSampleId :

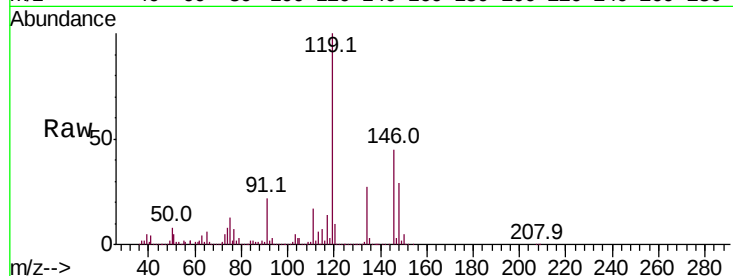
Tot Ion:146 Resp: 764204

Ion Ratio Lower Upper

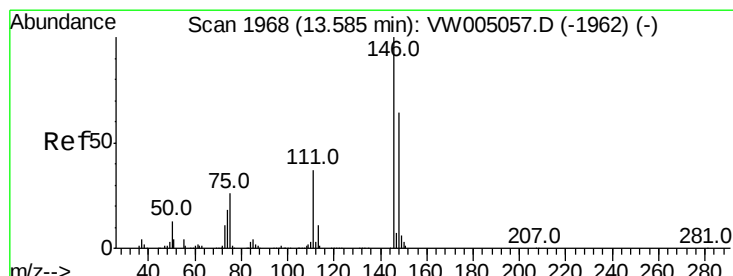
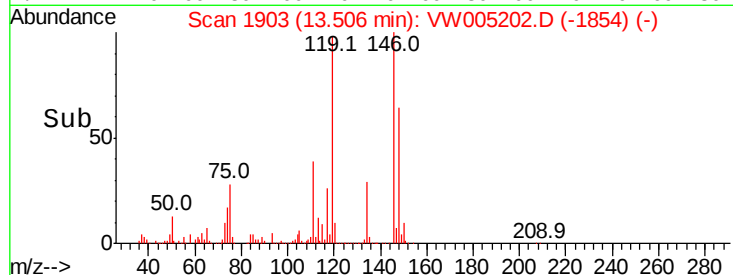
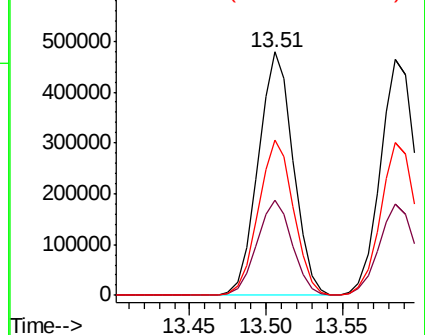
146 100

111 39.0 19.2 57.6

148 64.2 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 54.636 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VW005202.D

Acq: 07 Sep 2018 10:38

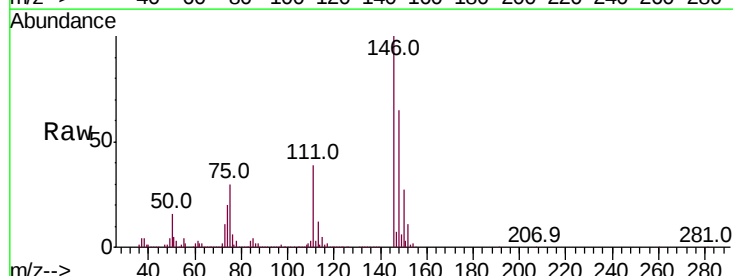
Tgt Ion:146 Resp: 745604

Ion Ratio Lower Upper

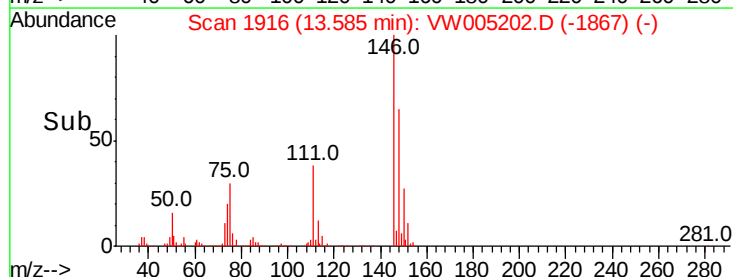
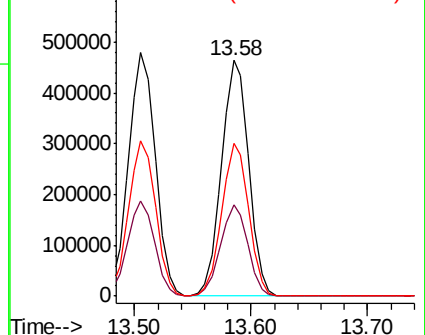
146 100

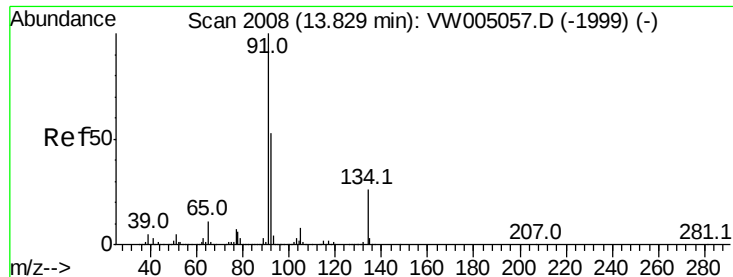
111 38.7 18.6 56.0

148 64.2 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 64.077 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005202.D

Acq: 07 Sep 2018 10:38

Instrument :

MSVOA_F

ClientSampleId :

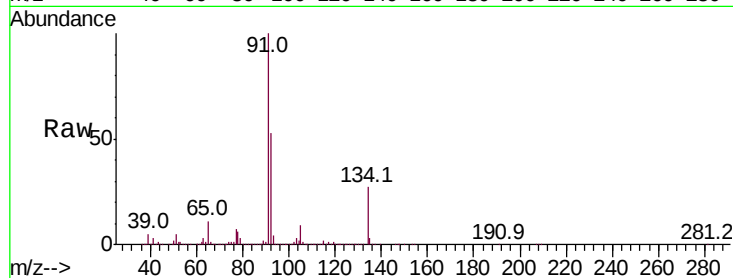
Tot Ion: 91 Resp: 1516420

Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.5	79.5
134	26.3	13.5	40.4

91 100

92 53.1 26.5 79.5

134 26.3 13.5 40.4

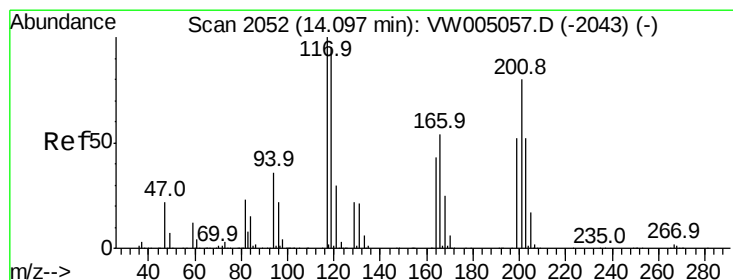
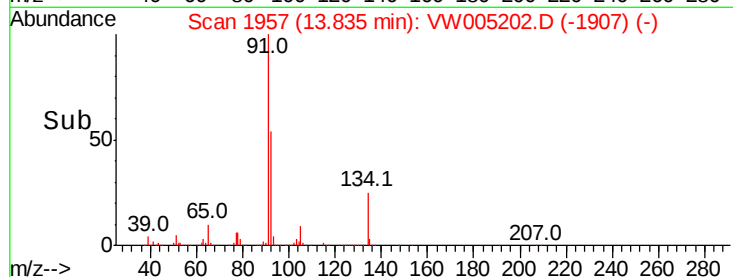
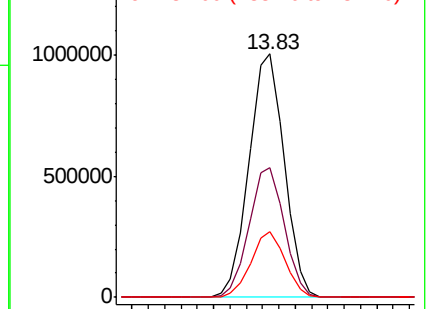


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 56.902 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW005202.D

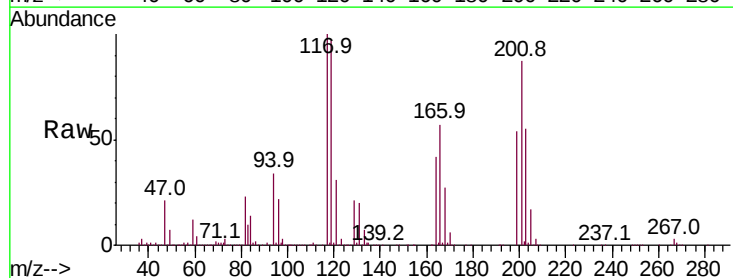
Acq: 07 Sep 2018 10:38

Tgt Ion: 117 Resp: 241361

Ion	Ratio	Lower	Upper
117	100		
201	85.9	44.6	133.8

117 100

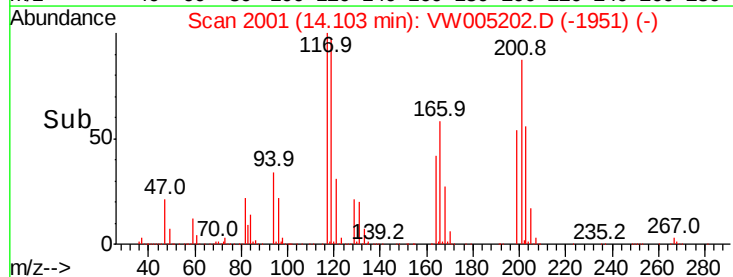
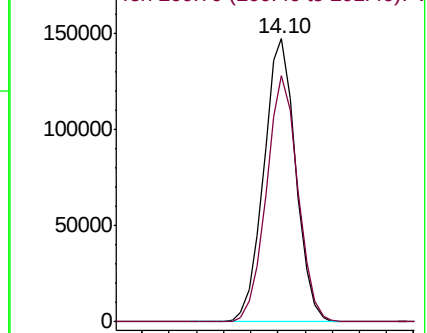
201 85.9 44.6 133.8

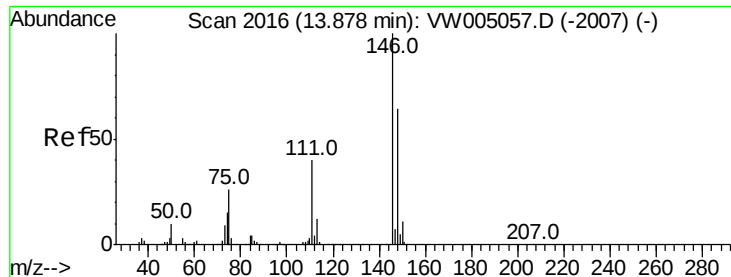


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

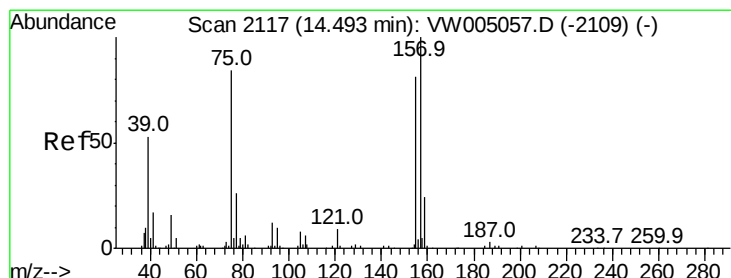
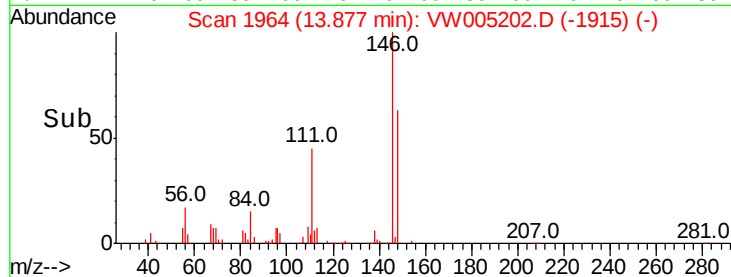
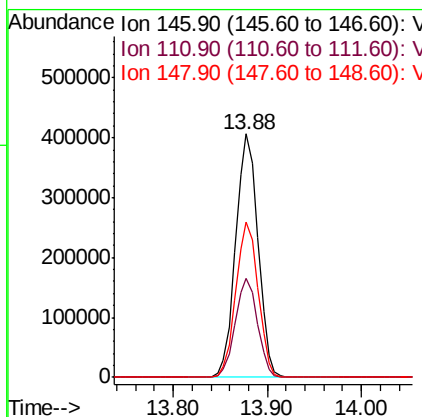
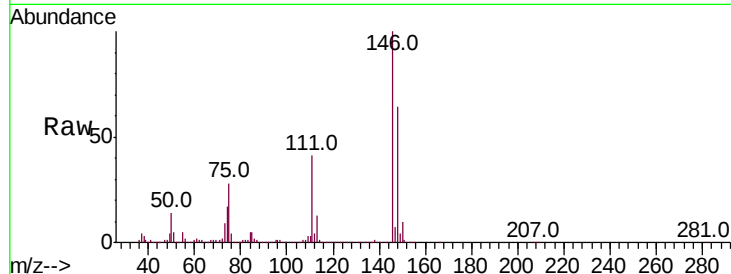




#91
 1,2-Dichlorobenzene
 Concen: 55.589 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005202.D
 Acq: 07 Sep 2018 10:38

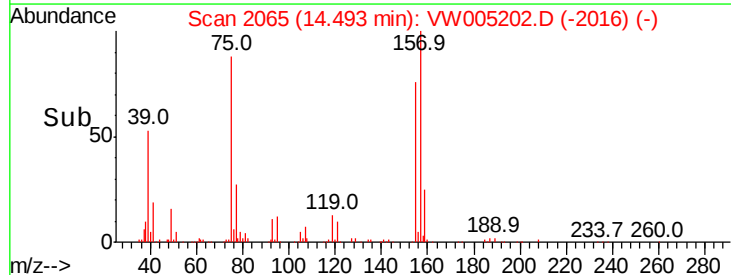
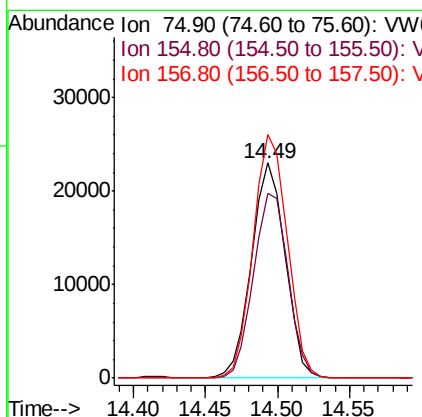
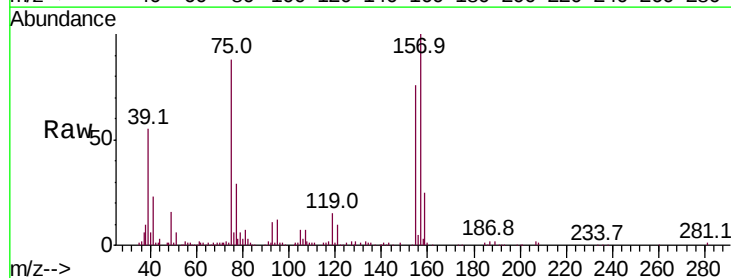
Instrument :
 MSVOA_F
 ClientSampleId :

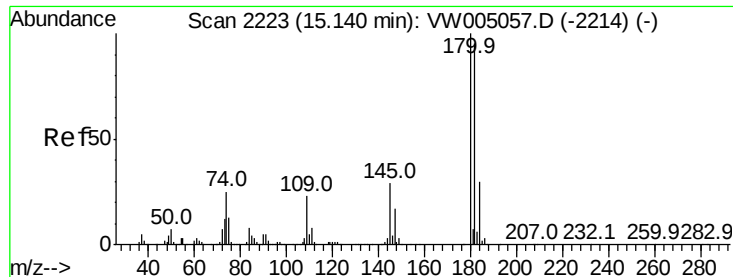
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.9	59.7
148	63.8	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.778 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005202.D
 Acq: 07 Sep 2018 10:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.7	46.0	137.8
157	114.2	58.6	175.7

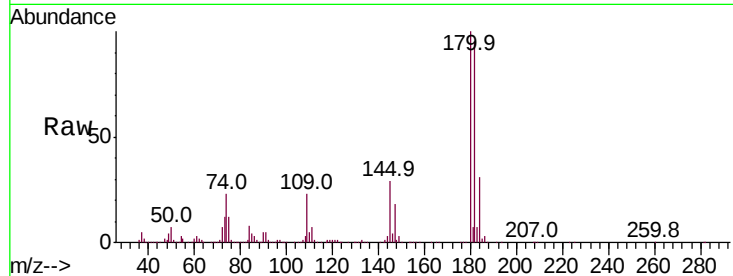




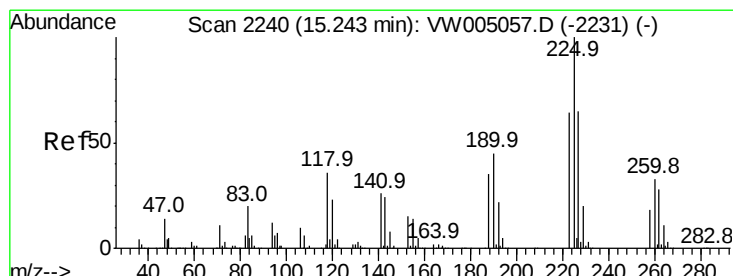
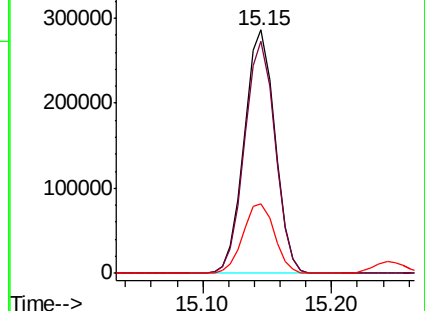
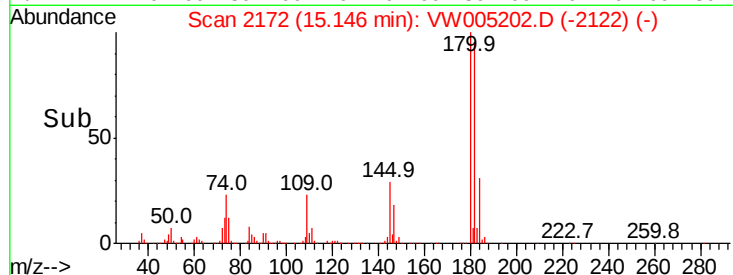
#93
 1,2,4-Trichlorobenzene
 Concen: 58.630 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW005202.D
 Acq: 07 Sep 2018 10:38

Instrument :
 MSVOA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.5	142.6
145	29.1	14.4	43.2

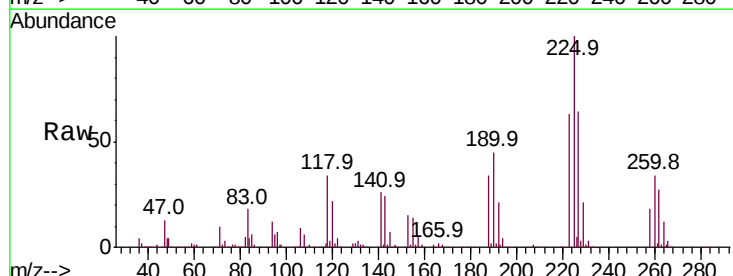


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

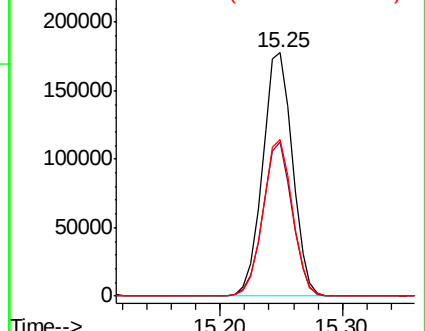
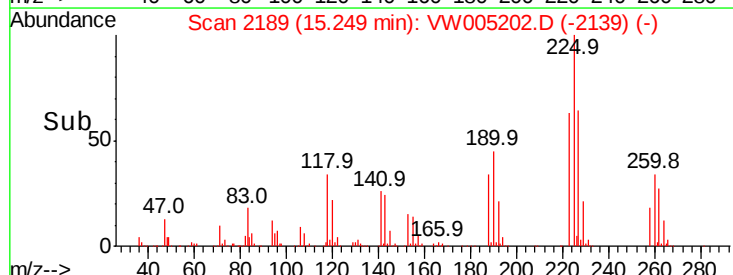


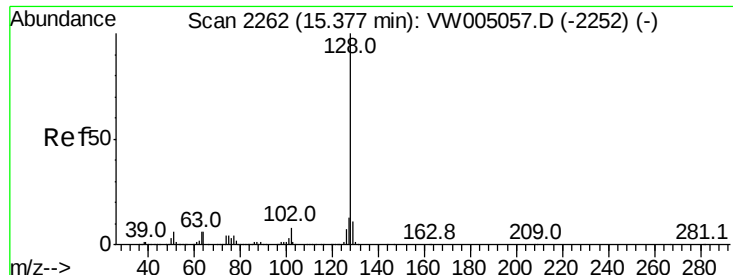
#94
 Hexachlorobutadiene
 Concen: 60.577 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW005202.D
 Acq: 07 Sep 2018 10:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.4	94.3
227	63.2	32.0	96.0



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

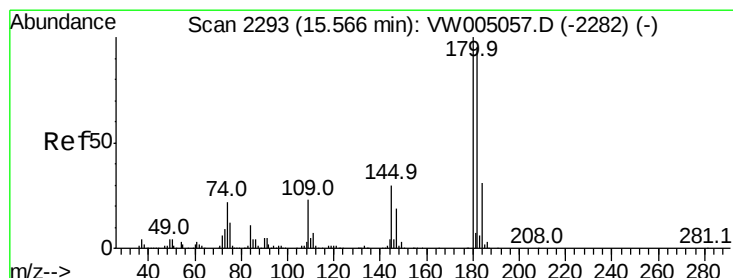
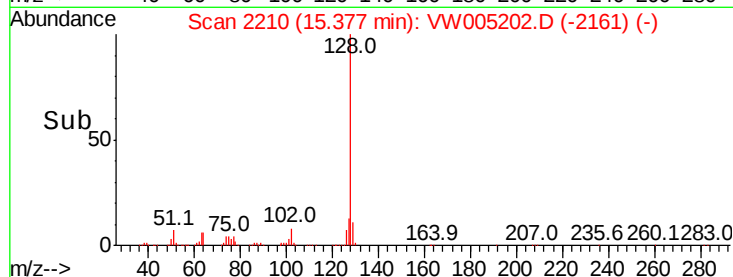
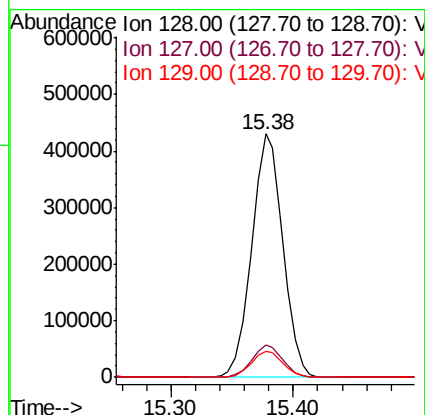
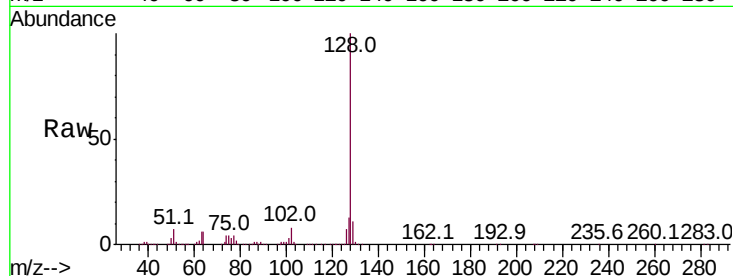




#95
Naphthalene
Concen: 54.367 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005202.D
Acq: 07 Sep 2018 10:38

Instrument :
MSVOA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.0	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 57.835 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005202.D
Acq: 07 Sep 2018 10:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.4	142.3
145	31.0	15.4	46.1

