

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090118\
 Data File : VW005060.D
 Acq On : 01 Sep 2018 02:20
 Operator : SY/AP
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Sep 01 07:30:29 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	505179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	742705	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	710794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	359589	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	647974	154.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	309.46%	
35) Dibromofluoromethane	7.89	113	692481	161.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	322.68%	
50) Toluene-d8	10.33	98	3155092	159.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	319.08%	
62) 4-Bromofluorobenzene	12.62	95	1103828	158.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	316.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	568020	139.531	ug/l	98
3) Chloromethane	2.22	50	851253	144.098	ug/l	99
4) Vinyl Chloride	2.36	62	846880	147.418	ug/l	100
5) Bromomethane	2.76	94	475667	146.133	ug/l	98
6) Chloroethane	2.92	64	530494	148.359	ug/l	100
7) Trichlorofluoromethane	3.26	101	987188	152.763	ug/l	100
8) Diethyl Ether	3.69	74	377236	161.341	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	663053	149.377	ug/l	100
10) Methyl Iodide	4.28	142	1066304	152.289	ug/l	99
11) Tert butyl alcohol	5.20	59	219953	757.122	ug/l	97
12) 1,1-Dichloroethene	4.04	96	665234	162.848	ug/l	98
13) Acrolein	3.90	56	226797	834.384	ug/l	98
14) Allyl chloride	4.68	41	1096134	171.658	ug/l	99
15) Acrylonitrile	5.38	53	814781	826.166	ug/l	100
16) Acetone	4.14	43	653600	778.247	ug/l	97
17) Carbon Disulfide	4.39	76	2319674	162.967	ug/l	100
18) Methyl Acetate	4.68	43	391045	158.282	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	1659306	167.281	ug/l	100
20) Methylene Chloride	4.92	84	826259	153.713	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	799956	160.730	ug/l	99
22) Diisopropyl ether	6.32	45	2261080	168.274	ug/l	98
23) Vinyl Acetate	6.26	43	6008531	851.318	ug/l	100
24) 1,1-Dichloroethane	6.23	63	1349503	160.678	ug/l	100
25) 2-Butanone	7.18	43	1129357	775.293	ug/l	100
26) 2,2-Dichloropropane	7.18	77	993829	143.993	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	896605	164.684	ug/l	99
28) Bromochloromethane	7.52	49	521266	154.197	ug/l	99
29) Tetrahydrofuran	7.54	42	628721	844.708	ug/l	99
30) Chloroform	7.68	83	1352679	157.798	ug/l	99
31) Cyclohexane	7.96	56	1204235	146.415	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	1101703	147.567	ug/l	99
36) 1,1-Dichloropropene	8.09	75	1065300	150.605	ug/l	99
37) Ethyl Acetate	7.26	43	410136	155.042	ug/l	100
38) Carbon Tetrachloride	8.07	117	969387	144.130	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090118\
 Data File : VW005060.D
 Acq On : 01 Sep 2018 02:20
 Operator : SY/AP
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Sep 01 07:30:29 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	1455684	170.169	ug/l	99
40) Benzene	8.33	78	3342799	154.371	ug/l	99
41) Methacrylonitrile	7.49	41	274702	179.227	ug/l	96
42) 1,2-Dichloroethane	8.41	62	792786	149.593	ug/l	100
43) Isopropyl Acetate	8.43	43	812919	168.879	ug/l	99
44) Trichloroethene	9.10	130	883255	151.175	ug/l	98
45) 1,2-Dichloropropane	9.37	63	795991	150.470	ug/l	100
46) Dibromomethane	9.46	93	387531	153.201	ug/l	99
47) Bromodichloromethane	9.65	83	957158	150.277	ug/l	97
48) Methyl methacrylate	9.44	41	428692	184.951	ug/l	91
49) 1,4-Dioxane	9.46	88	122415	2992.529	ug/l #	87
51) 4-Methyl-2-Pentanone	10.22	43	2640414	818.453	ug/l	99
52) Toluene	10.40	92	2301678	156.870	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	1040357	166.229	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	1224861	160.926	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	593689	151.587	ug/l	98
56) Ethyl methacrylate	10.65	69	785539	175.807	ug/l	99
57) 1,3-Dichloropropane	10.94	76	1006237	156.059	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	1803215	851.677	ug/l	100
59) 2-Hexanone	10.98	43	1779061	815.331	ug/l	98
60) Dibromochloromethane	11.13	129	707174	159.716	ug/l	99
61) 1,2-Dibromoethane	11.24	107	554128	156.714	ug/l	100
64) Tetrachloroethene	10.87	164	876633	157.188	ug/l	97
65) Chlorobenzene	11.66	112	2514017	157.108	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	799621	163.525	ug/l	100
67) Ethyl Benzene	11.74	91	4476475	165.480	ug/l	98
68) m/p-Xylenes	11.85	106	3552607	327.996	ug/l	98
69) o-Xylene	12.17	106	1684524	168.215	ug/l	98
70) Styrene	12.19	104	2765889	167.203	ug/l	100
71) Bromoform	12.35	173	430359	166.054	ug/l #	99
73) Isopropylbenzene	12.47	105	4488714	177.036	ug/l	100
74) N-amyl acetate	12.28	43	796841	182.519	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	636341	164.862	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	851567	315.494	ug/l #	100
77) Bromobenzene	12.76	156	1034909	165.653	ug/l	99
78) n-propylbenzene	12.81	91	5293226	172.934	ug/l	99
79) 2-Chlorotoluene	12.90	91	3020281	169.133	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	3803495	173.466	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	201958	180.090	ug/l	96
82) 4-Chlorotoluene	12.99	91	3109627	164.909	ug/l	100
83) tert-Butylbenzene	13.21	119	3236503	176.753	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	3847577	172.302	ug/l	100
85) sec-Butylbenzene	13.39	105	4635760	172.271	ug/l	99
86) p-Isopropyltoluene	13.51	119	4158366	174.571	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	2049278	159.688	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	1990802	156.385	ug/l	100
89) n-Butylbenzene	13.83	91	3830898	173.531	ug/l	99
90) Hexachloroethane	14.10	117	689223	174.189	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	1737865	155.370	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	93327	154.726	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090118\
Data File : VW005060.D
Acq On : 01 Sep 2018 02:20
Operator : SY/AP
Sample : VSTDICC150
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Quant Time: Sep 01 07:30:29 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

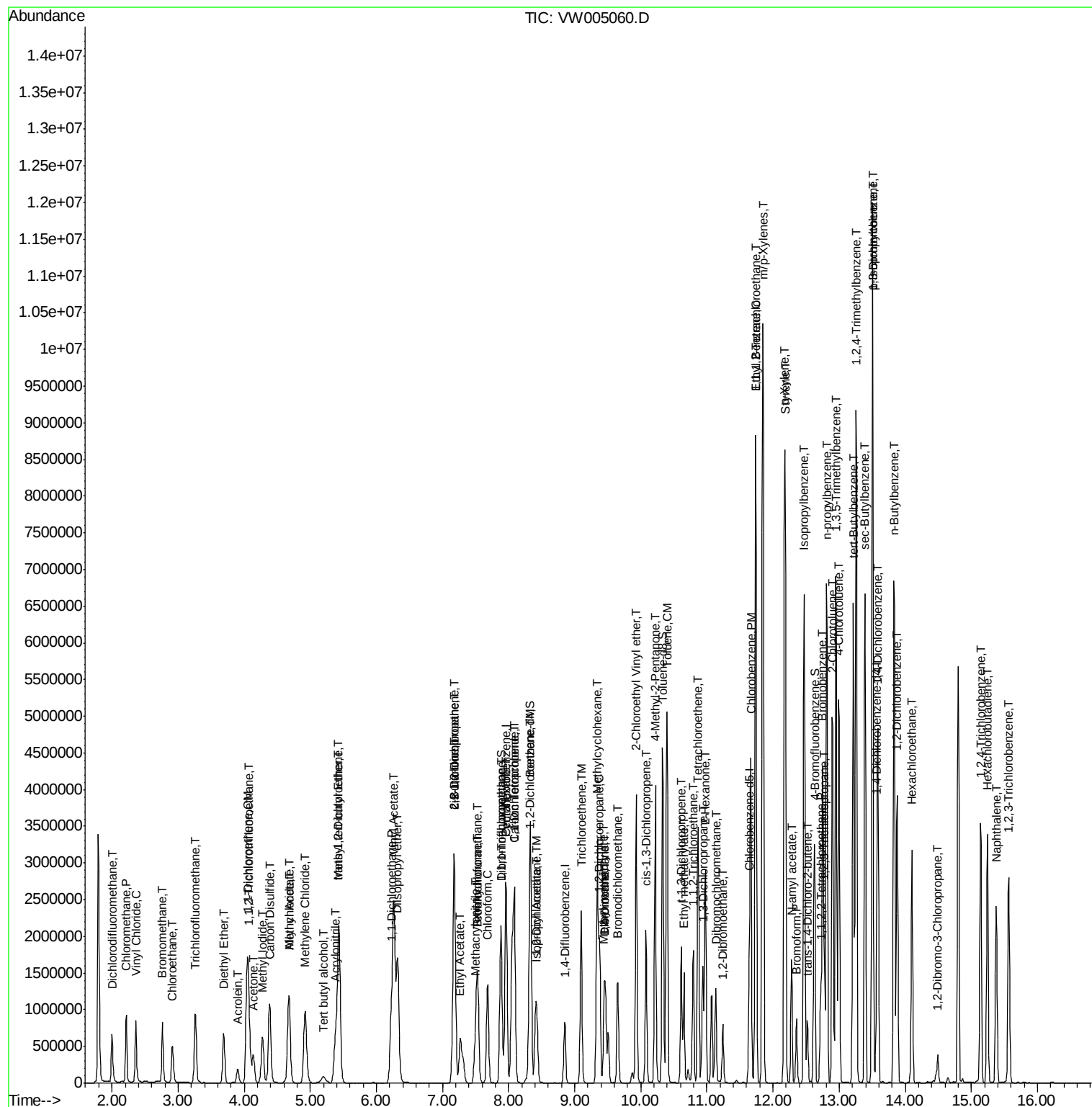
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	1235922	164.790	ug/l	100
94) Hexachlorobutadiene	15.24	225	740061	158.654	ug/l	100
95) Naphthalene	15.38	128	2128247	155.068	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	1048793	163.401	ug/l	99

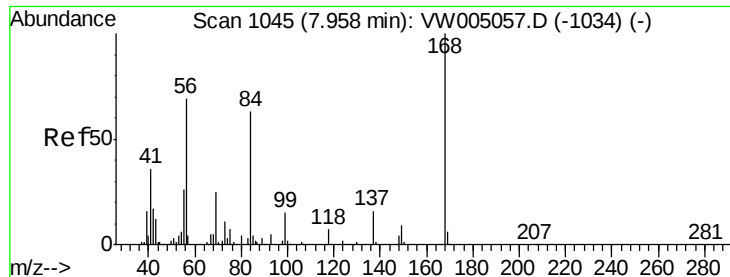
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090118\
 Data File : VW005060.D
 Acq On : 01 Sep 2018 02:20
 Operator : SY/AP
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Sep 01 07:30:29 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005060.D

Acq: 01 Sep 2018 02:20

Instrument :

MSVOA_W

ClientSampleId :

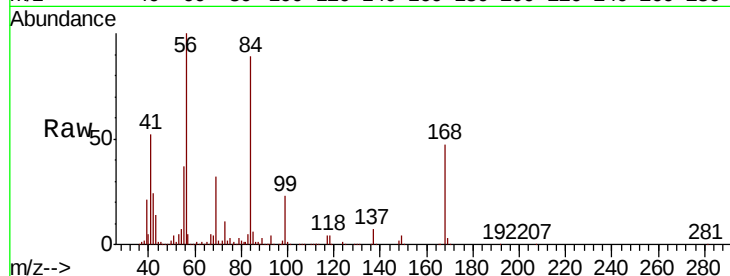
VSTDIC150

Tgt Ion:168 Resp: 505179

Ion Ratio Lower Upper

168 100

99 50.3 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

300000

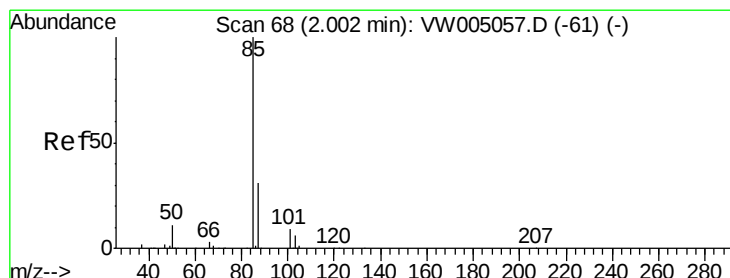
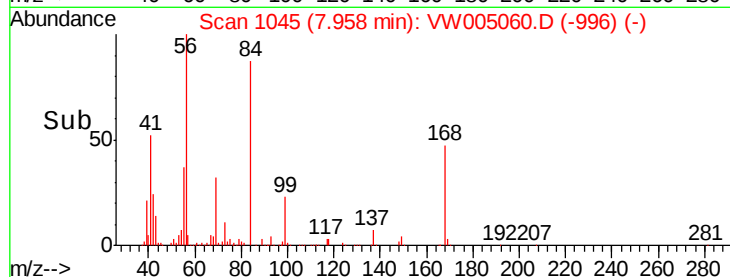
200000

100000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 139.531 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW005060.D

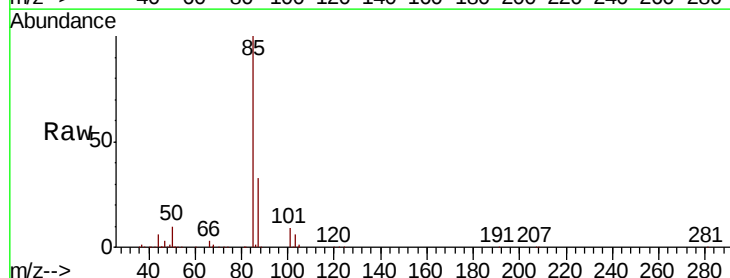
Acq: 01 Sep 2018 02:20

Tgt Ion: 85 Resp: 568020

Ion Ratio Lower Upper

85 100

87 32.5 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

400000

300000

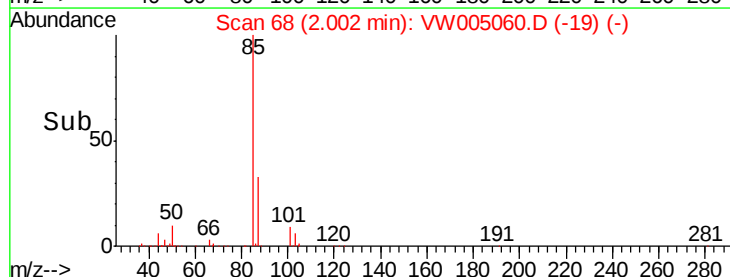
200000

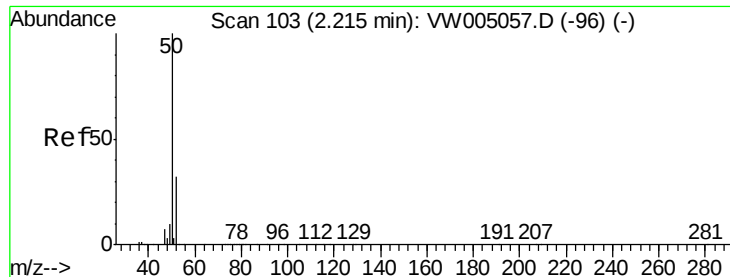
100000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 144.098 ug/l

RT: 2.22 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW005060.D

Acq: 01 Sep 2018 02:20

Instrument :

MSVOA_W

ClientSampleId :

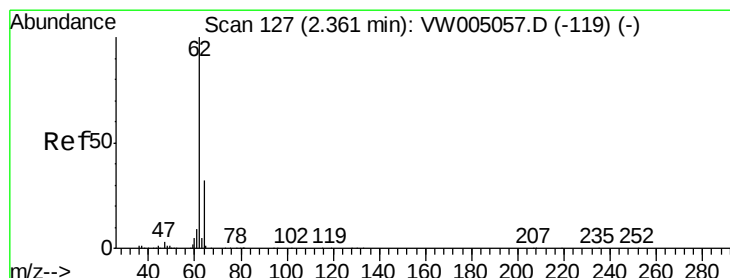
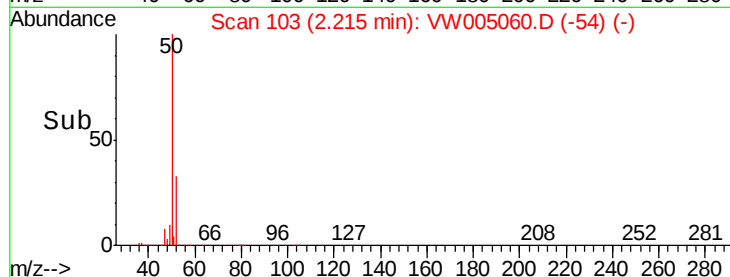
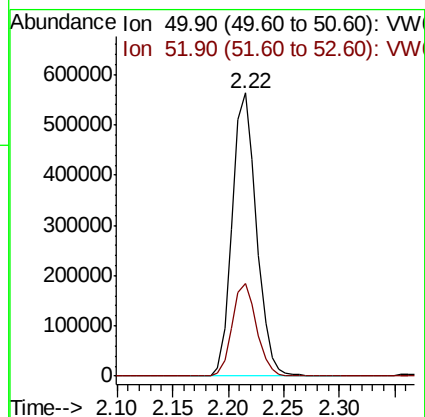
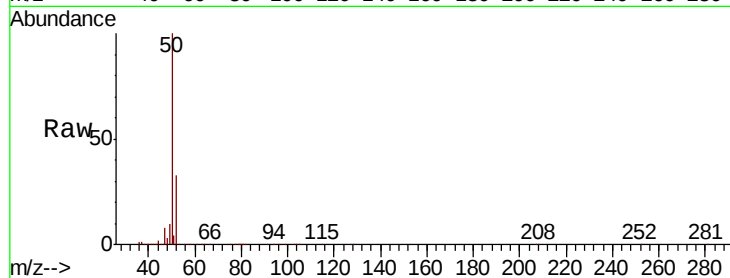
VSTDIC150

Tgt Ion: 50 Resp: 851253

Ion Ratio Lower Upper

50 100

52 32.9 25.8 38.6



#4

Vinyl Chloride

Concen: 147.418 ug/l

RT: 2.36 min Scan# 127

Delta R.T. -0.00 min

Lab File: VW005060.D

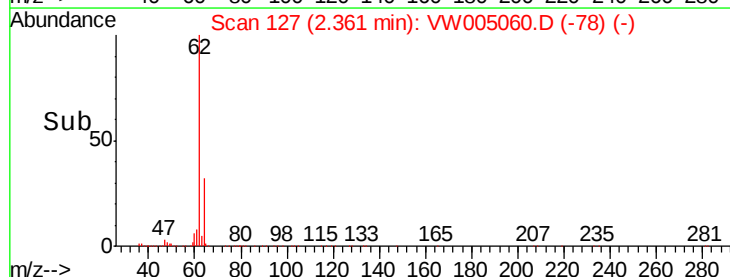
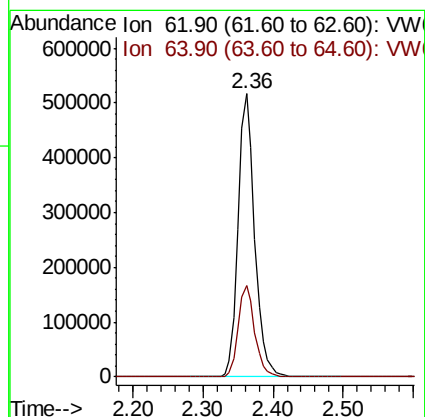
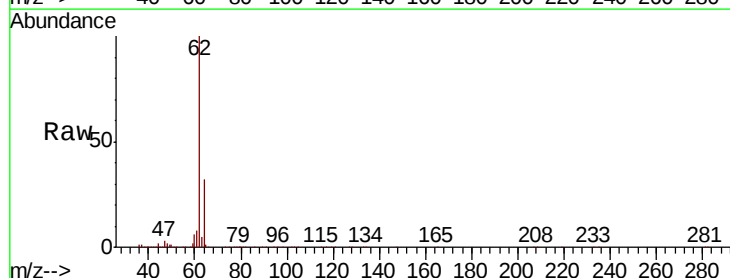
Acq: 01 Sep 2018 02:20

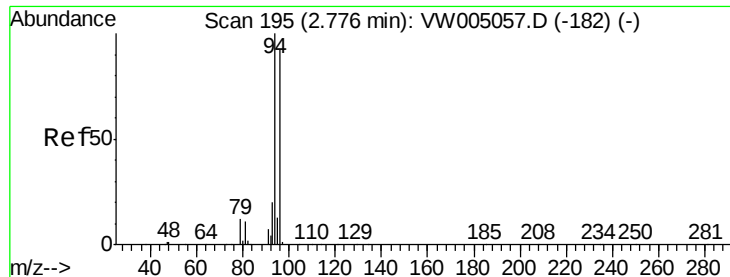
Tgt Ion: 62 Resp: 846880

Ion Ratio Lower Upper

62 100

64 32.2 25.6 38.4





#5

Bromomethane

Concen: 146.133 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW005060.D

Acq: 01 Sep 2018 02:20

Instrument :

MSVOA_W

ClientSampleId :

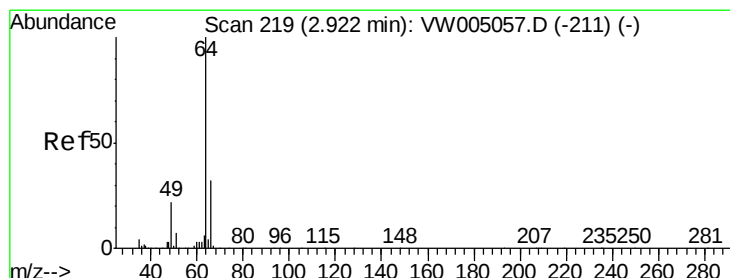
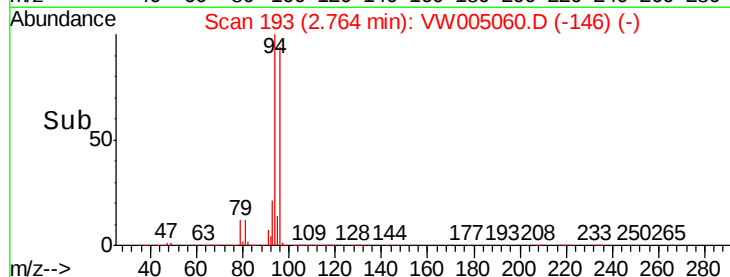
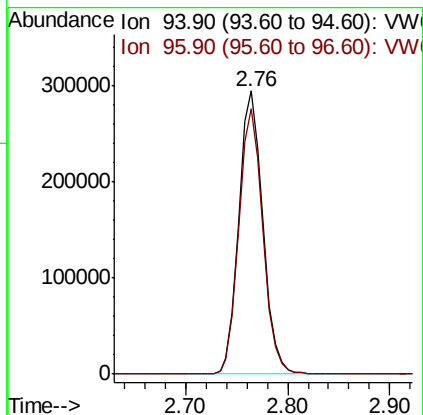
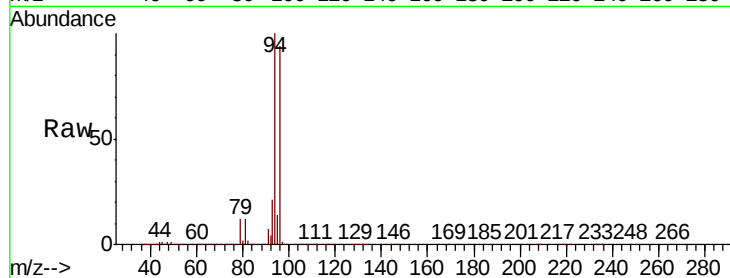
VSTDIC150

Tgt Ion: 94 Resp: 475667

Ion Ratio Lower Upper

94 100

96 93.7 73.2 109.8



#6

Chloroethane

Concen: 148.359 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW005060.D

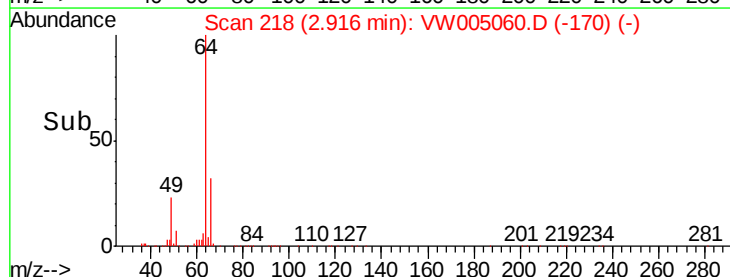
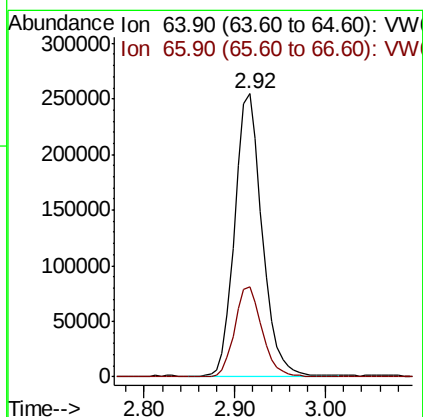
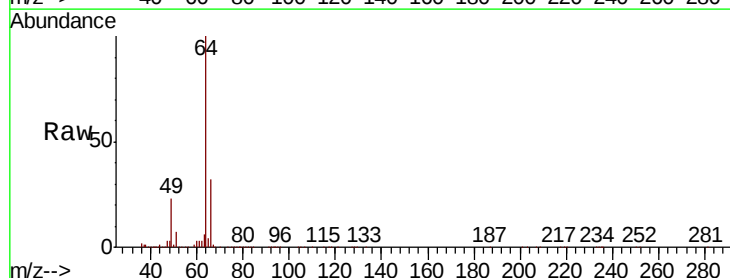
Acq: 01 Sep 2018 02:20

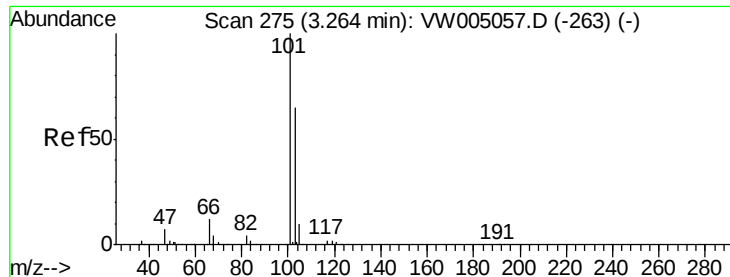
Tgt Ion: 64 Resp: 530494

Ion Ratio Lower Upper

64 100

66 32.0 25.7 38.5



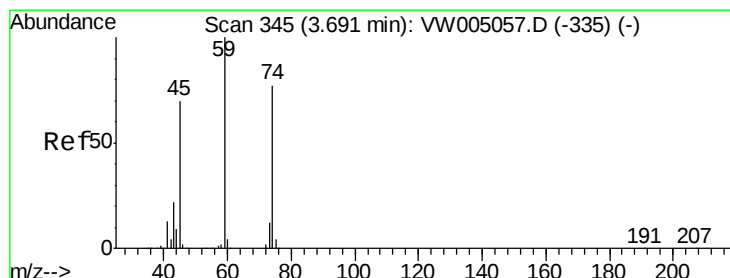
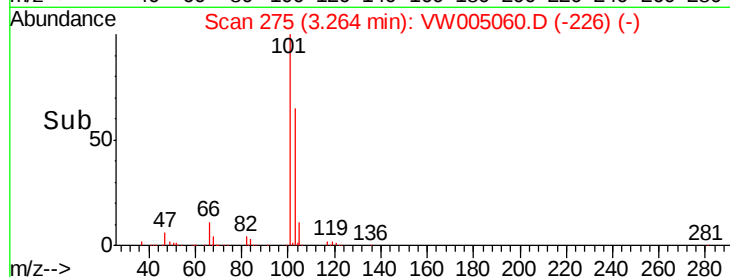
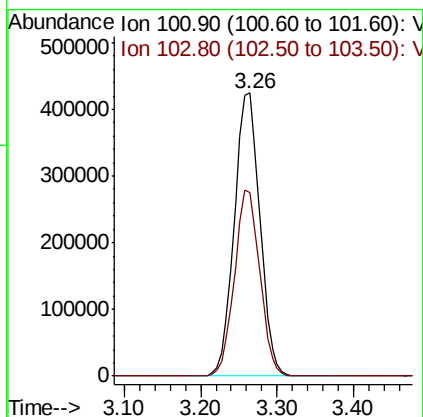
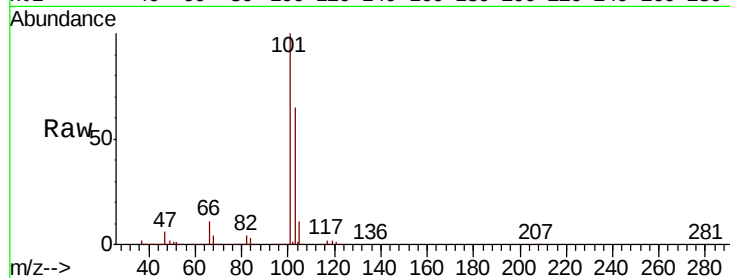


#7

Trichlorofluoromethane
 Concen: 152.763 ug/l
 RT: 3.26 min Scan# 275
 Delta R.T. -0.00 min
 Lab File: VW005060.D
 Acq: 01 Sep 2018 02:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

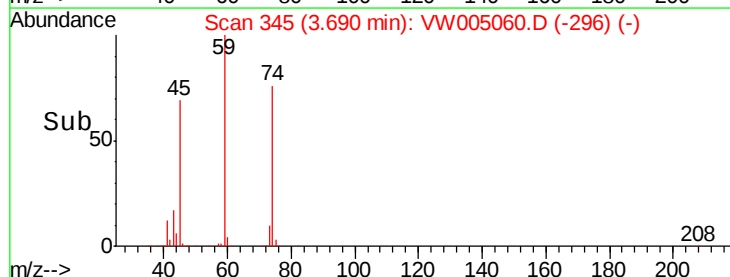
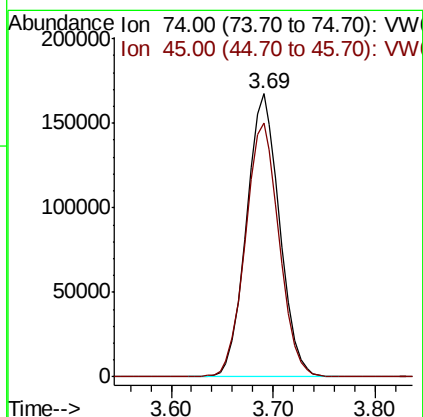
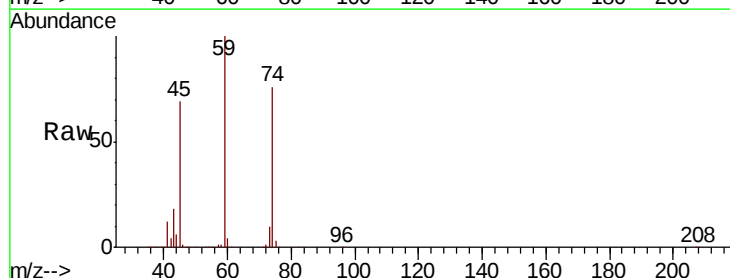
Tgt Ion: 101 Resp: 987188
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.9 77.9

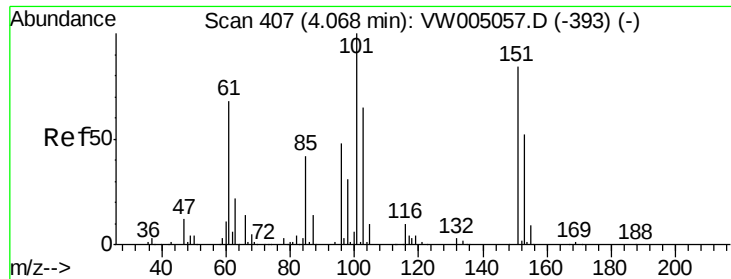


#8

Diethyl Ether
 Concen: 161.341 ug/l
 RT: 3.69 min Scan# 345
 Delta R.T. -0.00 min
 Lab File: VW005060.D
 Acq: 01 Sep 2018 02:20

Tgt Ion: 74 Resp: 377236
 Ion Ratio Lower Upper
 74 100
 45 92.2 46.0 137.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 149.377 ug/l

RT: 4.07 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW005060.D

Acq: 01 Sep 2018 02:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

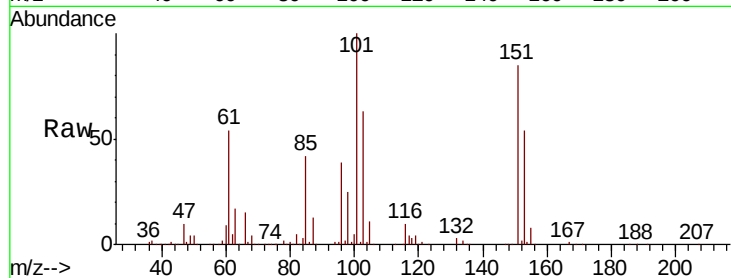
Tgt Ion:101 Resp: 663053

Ion Ratio Lower Upper

101 100

85 41.8 33.0 49.6

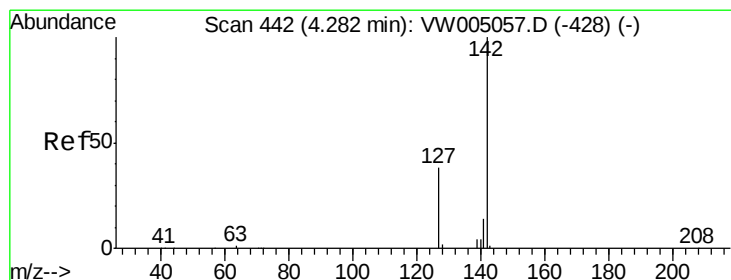
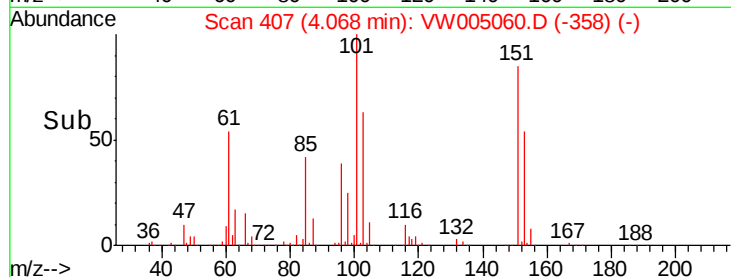
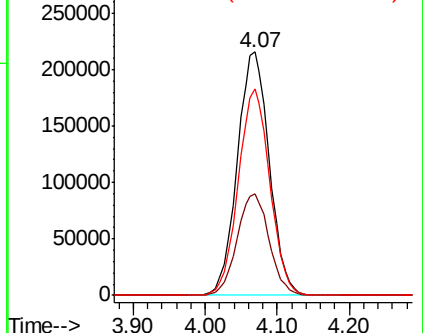
151 83.7 67.0 100.6



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: 152.289 ug/l

RT: 4.28 min Scan# 441

Delta R.T. -0.01 min

Lab File: VW005060.D

Acq: 01 Sep 2018 02:20

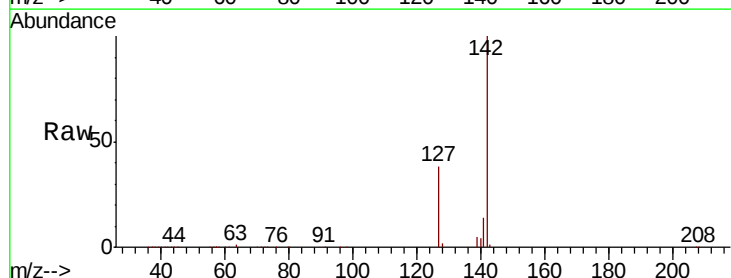
Tgt Ion:142 Resp: 1066304

Ion Ratio Lower Upper

142 100

127 38.2 30.8 46.2

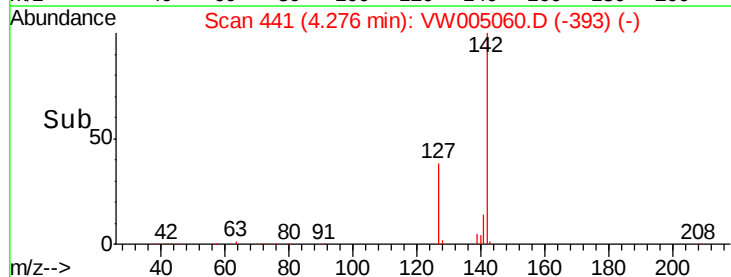
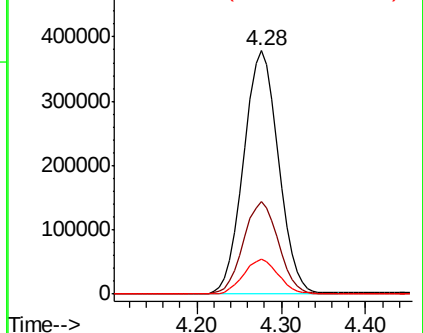
141 14.3 11.6 17.4

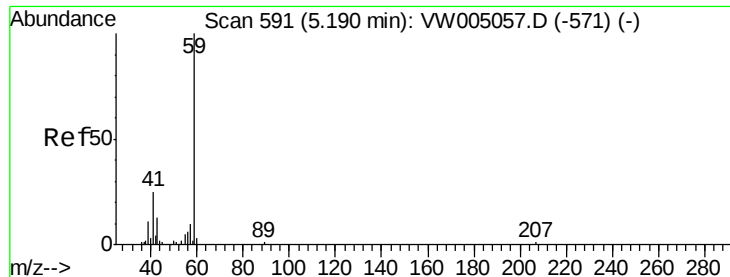


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

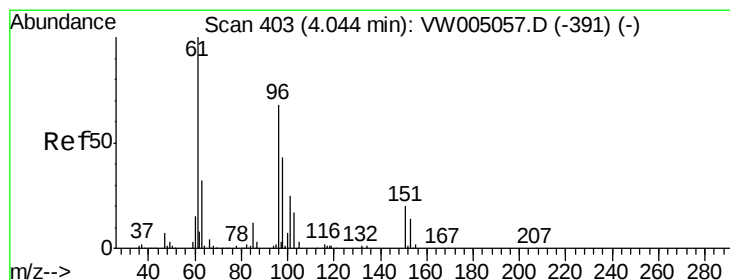
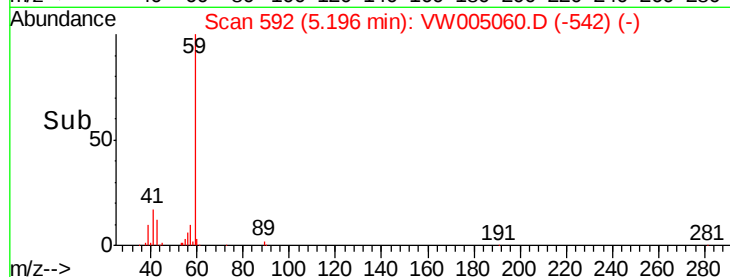
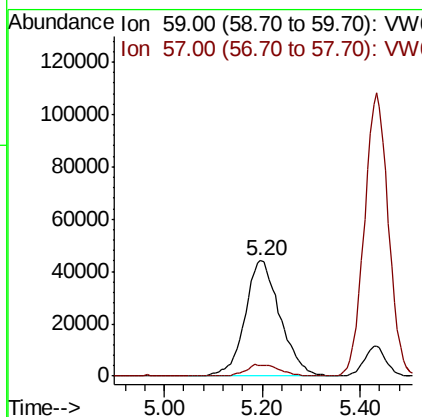
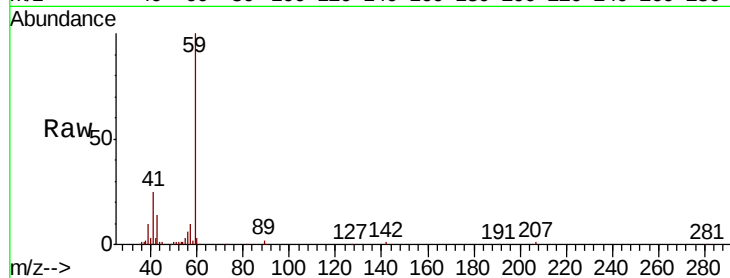




#11
Tert butyl alcohol
Concen: 757.122 ug/l
RT: 5.20 min Scan# 592
Delta R.T. 0.01 min
Lab File: VW005060.D
Acq: 01 Sep 2018 02:20

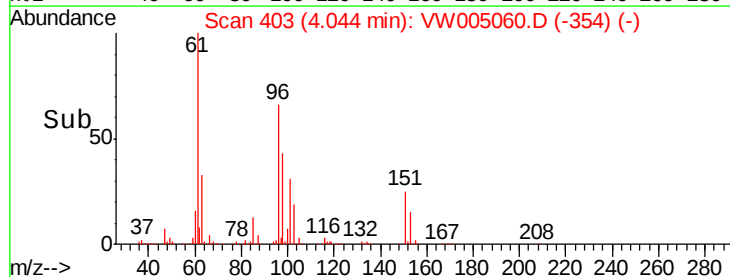
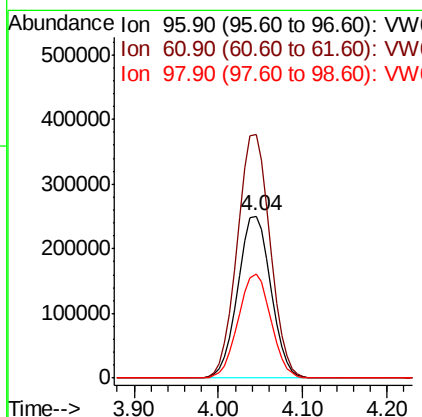
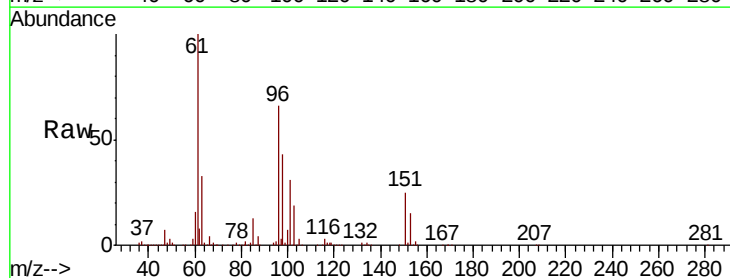
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

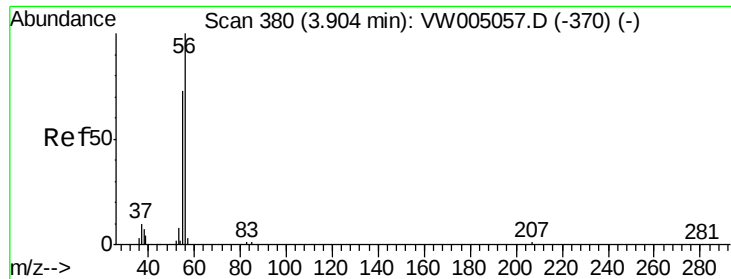
Tgt Ion: 59 Resp: 219953
Ion Ratio Lower Upper
59 100
57 9.7 8.6 12.8



#12
1,1-Dichloroethene
Concen: 162.848 ug/l
RT: 4.04 min Scan# 403
Delta R.T. -0.00 min
Lab File: VW005060.D
Acq: 01 Sep 2018 02:20

Tgt Ion: 96 Resp: 665234
Ion Ratio Lower Upper
96 100
61 150.5 117.4 176.0
98 64.1 51.0 76.4





#13

Acrolein

Concen: 834.384 ug/l

RT: 3.90 min Scan# 380

Delta R.T. -0.00 min

Lab File: VW005060.D

Acq: 01 Sep 2018 02:20

Instrument :

MSVOA_W

ClientSampleId :

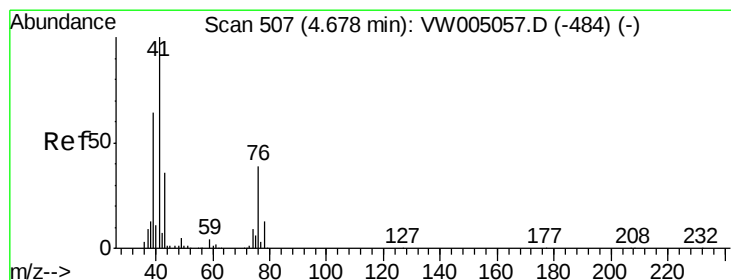
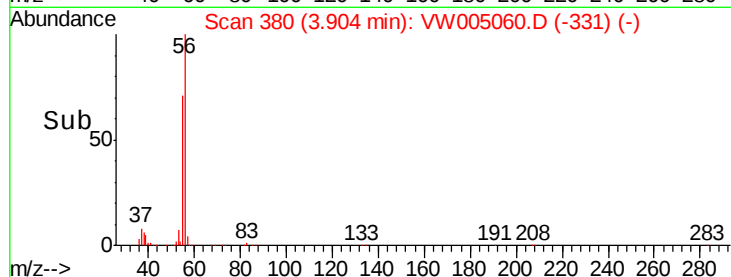
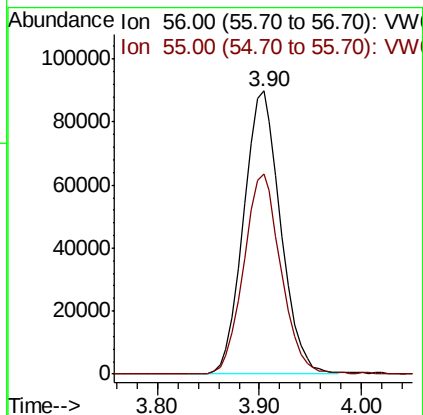
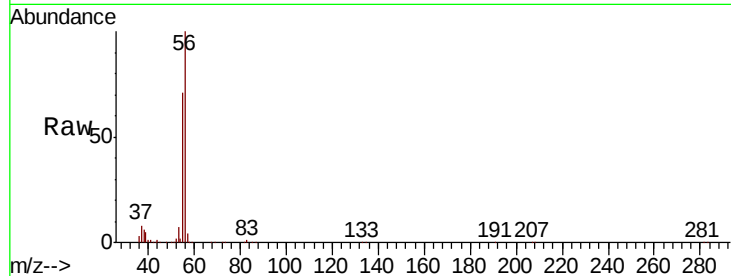
VSTDIC150

Tgt Ion: 56 Resp: 226797

Ion Ratio Lower Upper

56 100

55 71.2 58.1 87.1



#14

Allyl chloride

Concen: 171.658 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: VW005060.D

Acq: 01 Sep 2018 02:20

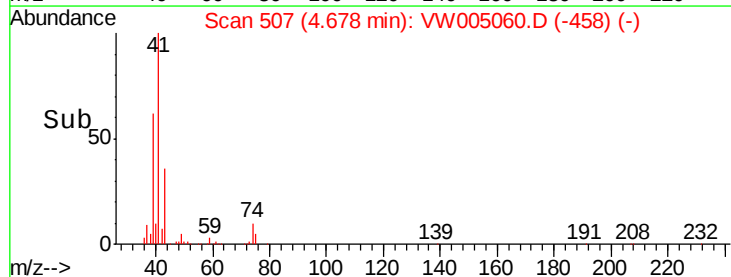
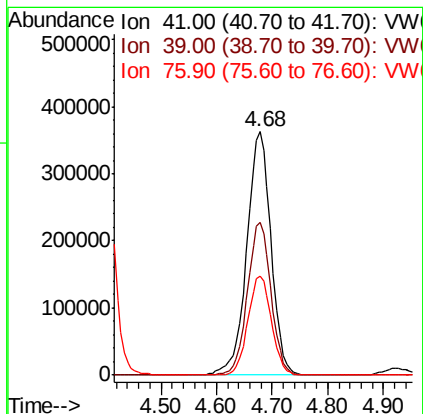
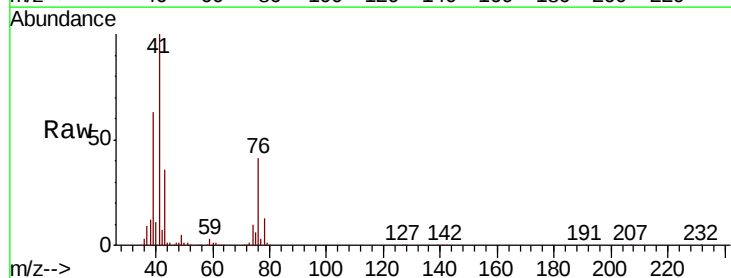
Tgt Ion: 41 Resp: 1096134

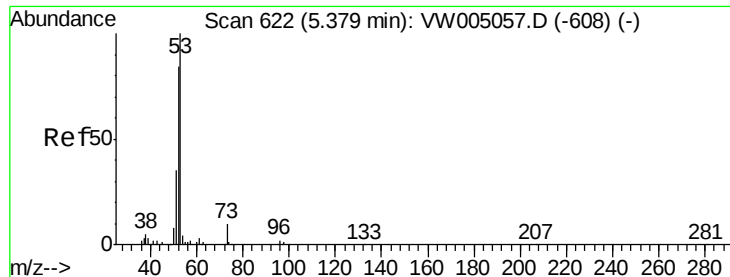
Ion Ratio Lower Upper

41 100

39 61.2 49.4 74.2

76 39.4 31.8 47.6





#15

Acrylonitrile

Concen: 826.166 ug/l

RT: 5.38 min Scan# 622

Delta R.T. -0.00 min

Lab File: VW005060.D

Acq: 01 Sep 2018 02:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

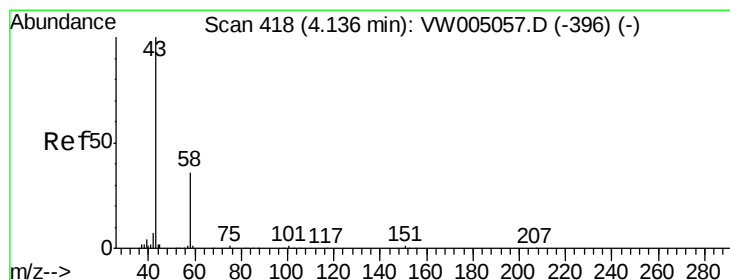
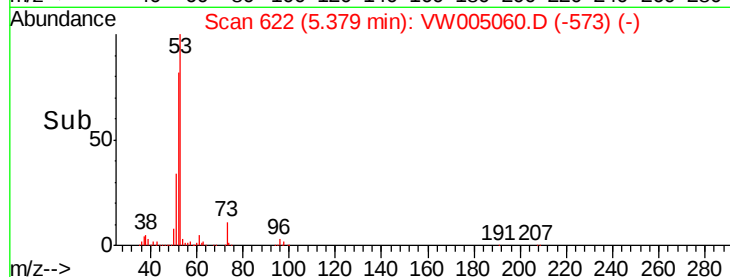
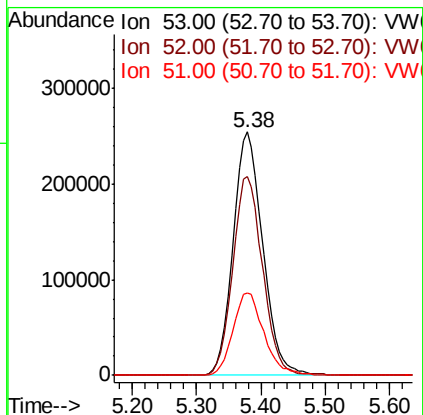
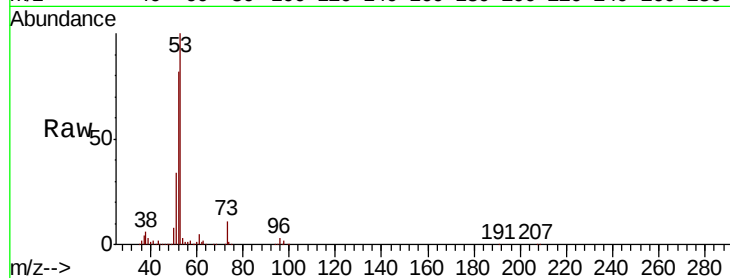
Tgt Ion: 53 Resp: 814781

Ion Ratio Lower Upper

53 100

52 82.1 65.7 98.5

51 35.5 28.8 43.2



#16

Acetone

Concen: 778.247 ug/l

RT: 4.14 min Scan# 418

Delta R.T. -0.00 min

Lab File: VW005060.D

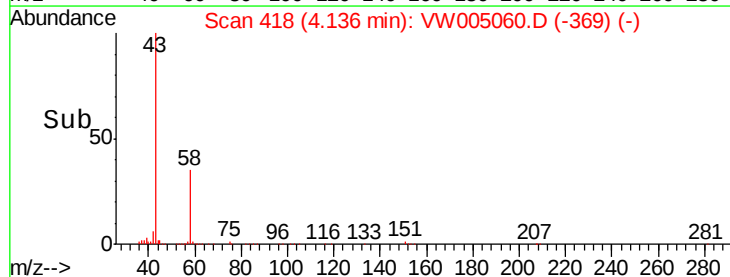
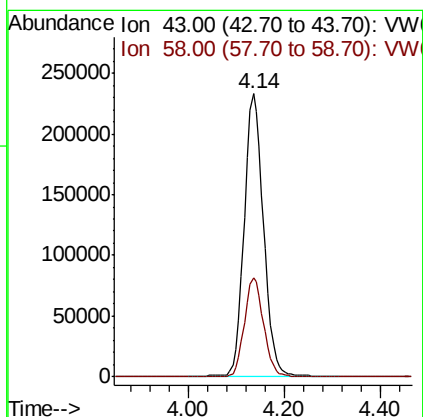
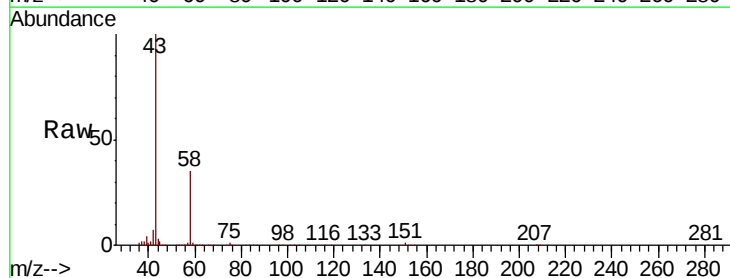
Acq: 01 Sep 2018 02:20

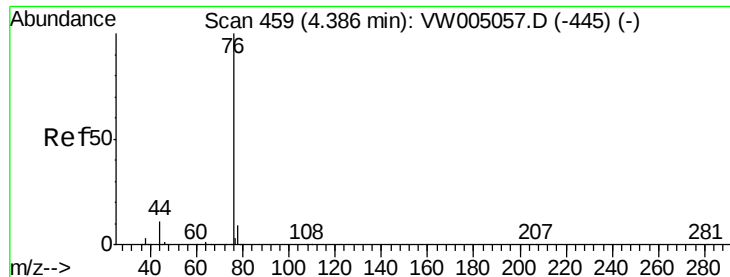
Tgt Ion: 43 Resp: 653600

Ion Ratio Lower Upper

43 100

58 34.8 29.0 43.6

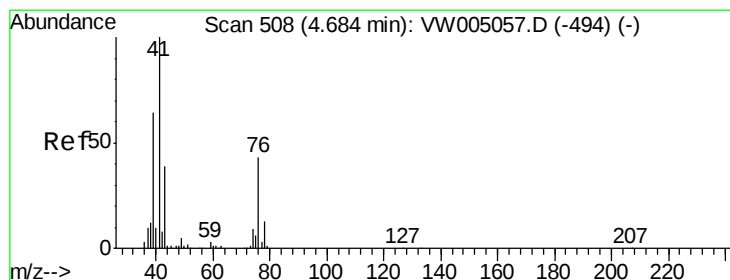
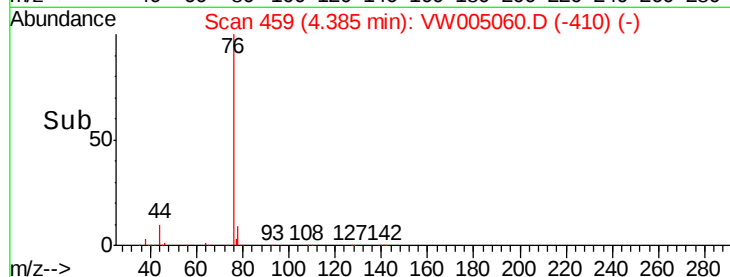
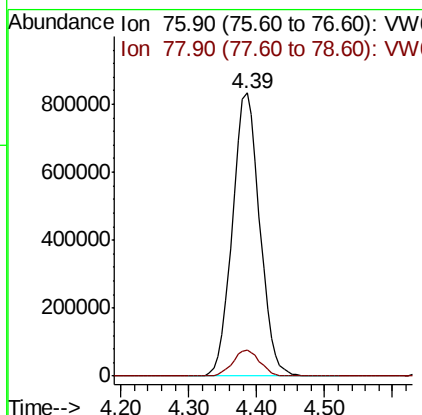
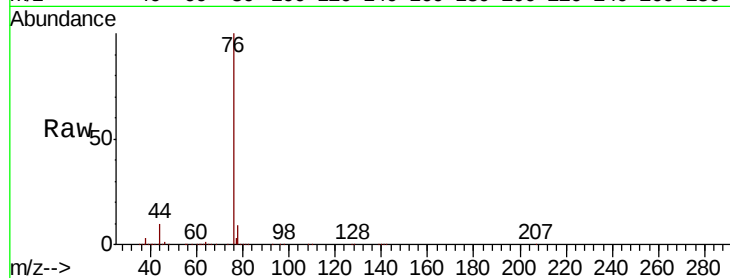




#17
Carbon Disulfide
Concen: 162.967 ug/l
RT: 4.39 min Scan# 459
Delta R.T. -0.00 min
Lab File: VW005060.D
Acq: 01 Sep 2018 02:20

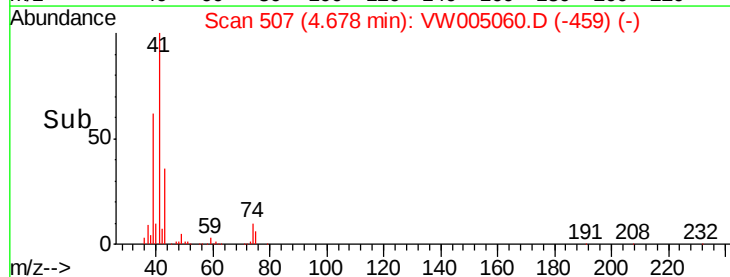
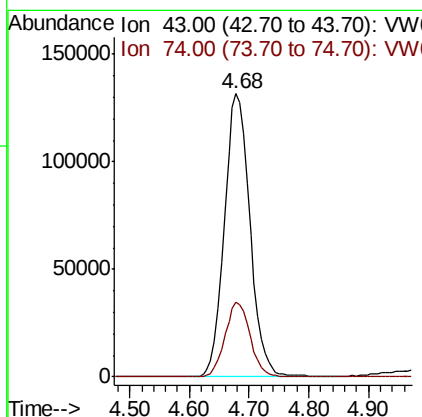
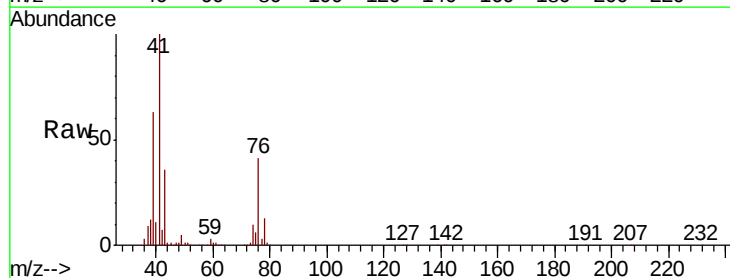
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

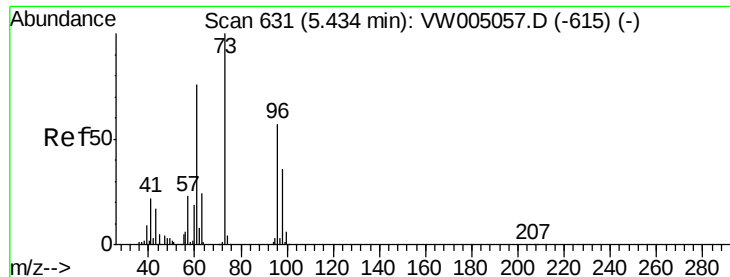
Tgt Ion: 76 Resp: 2319674
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 158.282 ug/l
RT: 4.68 min Scan# 507
Delta R.T. -0.01 min
Lab File: VW005060.D
Acq: 01 Sep 2018 02:20

Tgt Ion: 43 Resp: 391045
Ion Ratio Lower Upper
43 100
74 26.1 20.7 31.1





#19

Methyl tert-butyl Ether
 Concen: 167.281 ug/l
 RT: 5.43 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: VW005060.D
 Acq: 01 Sep 2018 02:20

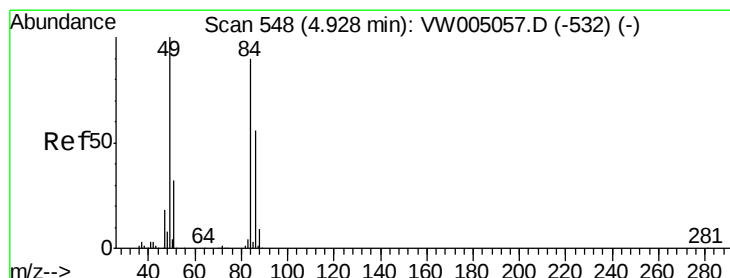
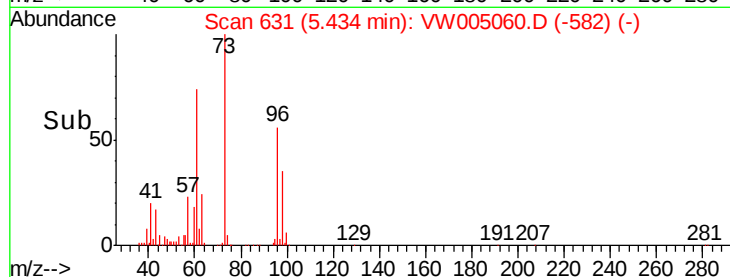
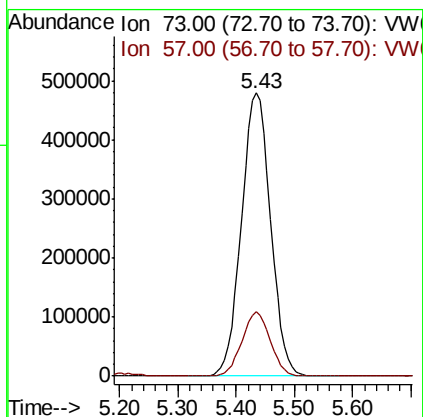
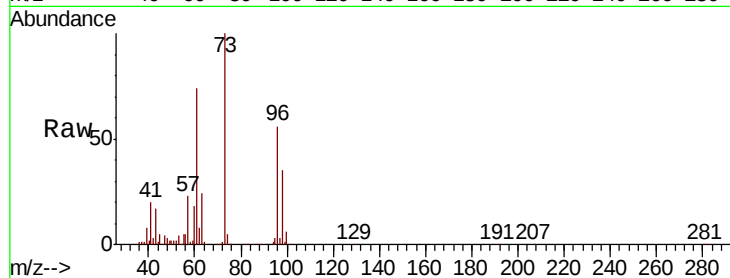
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion: 73 Resp: 1659306

Ion Ratio Lower Upper

73 100

57 22.6 18.1 27.1



#20

Methylene Chloride
 Concen: 153.713 ug/l
 RT: 4.92 min Scan# 547
 Delta R.T. -0.01 min
 Lab File: VW005060.D
 Acq: 01 Sep 2018 02:20

Tgt Ion: 84 Resp: 826259

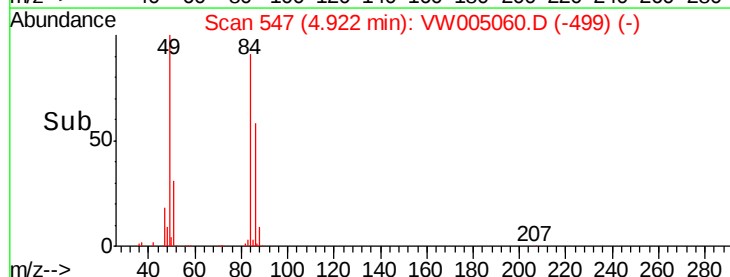
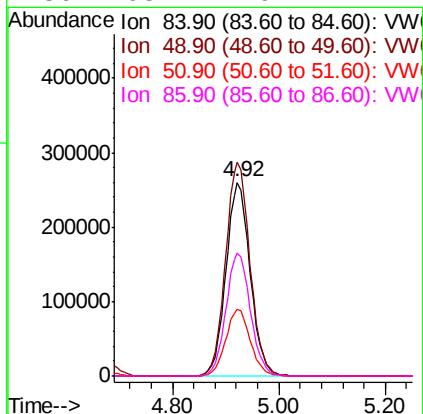
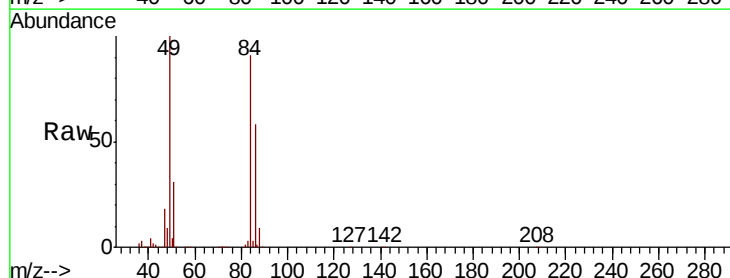
Ion Ratio Lower Upper

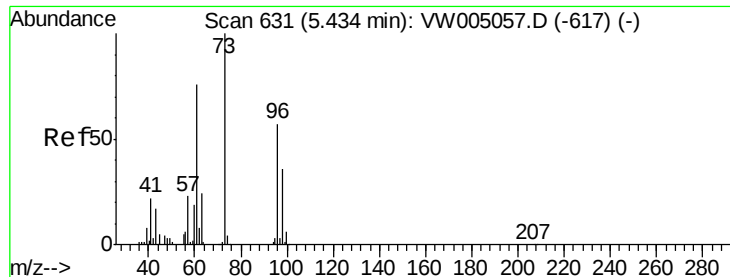
84 100

49 110.3 88.7 133.1

51 34.5 28.6 42.8

86 63.7 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 160.730 ug/l

RT: 5.43 min Scan# 631

Delta R.T. -0.00 min

Lab File: VW005060.D

Acq: 01 Sep 2018 02:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

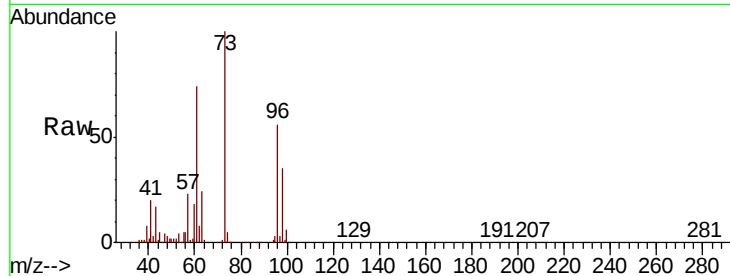
Tgt Ion: 96 Resp: 799956

Ion Ratio Lower Upper

96 100

61 133.7 106.3 159.5

98 62.9 50.9 76.3

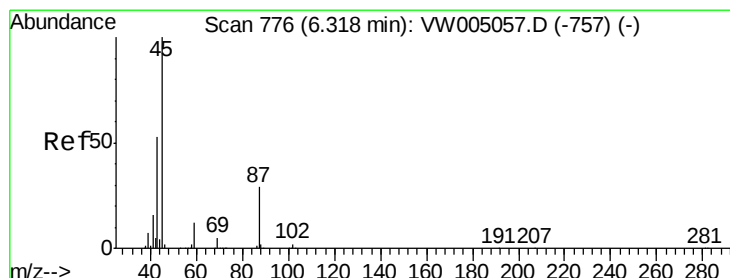
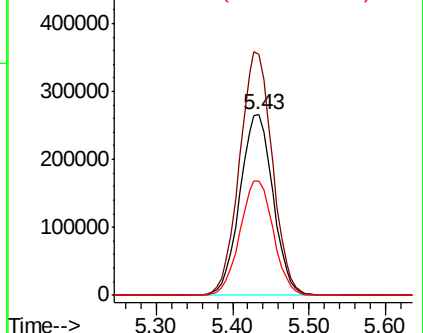
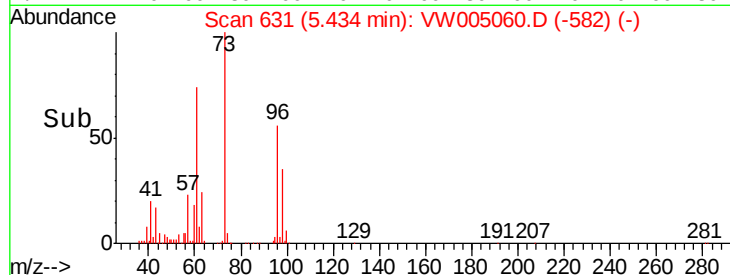


Abundance

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: 168.274 ug/l

RT: 6.32 min Scan# 776

Delta R.T. -0.00 min

Lab File: VW005060.D

Acq: 01 Sep 2018 02:20

Tgt Ion: 45 Resp: 2261080

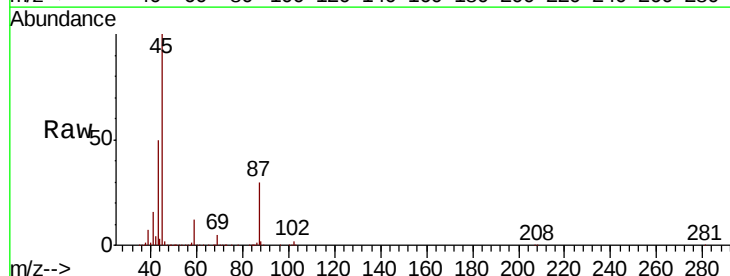
Ion Ratio Lower Upper

45 100

43 50.4 42.6 63.8

87 29.8 23.6 35.4

59 12.4 9.8 14.8



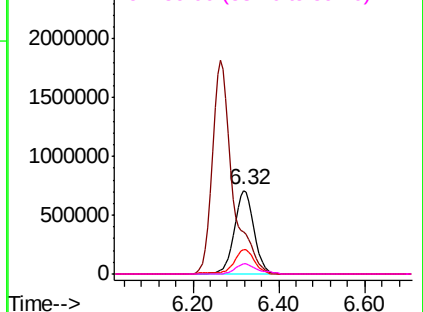
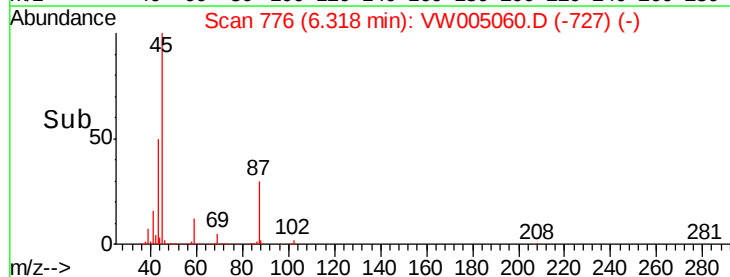
Abundance

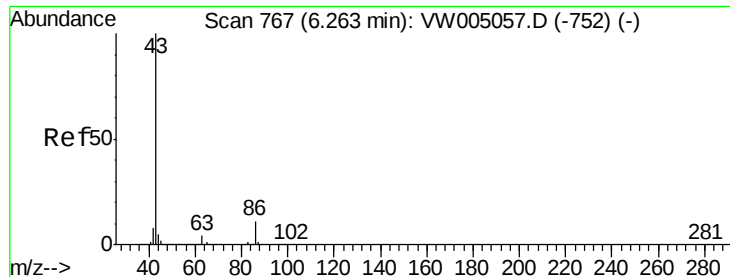
Ion 45.00 (44.70 to 45.70): VW

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

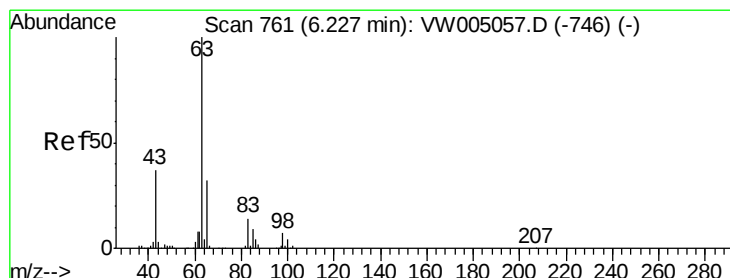
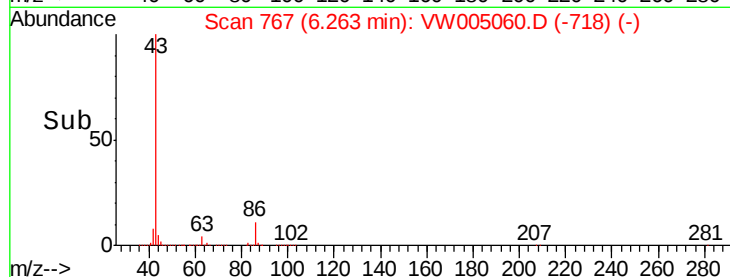
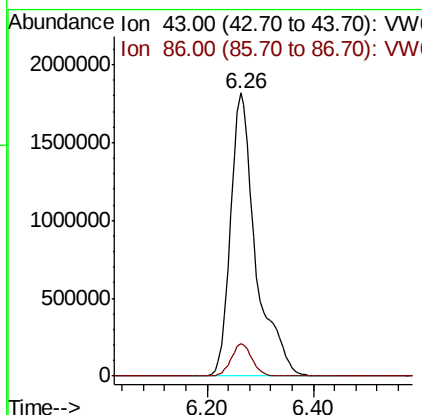
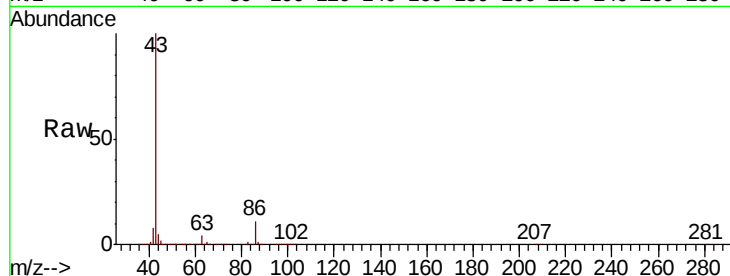




#23
 Vinyl Acetate
 Concen: 851.318 ug/l
 RT: 6.26 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: VW005060.D
 Acq: 01 Sep 2018 02:20

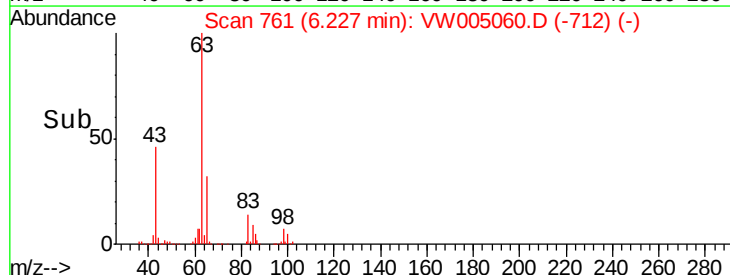
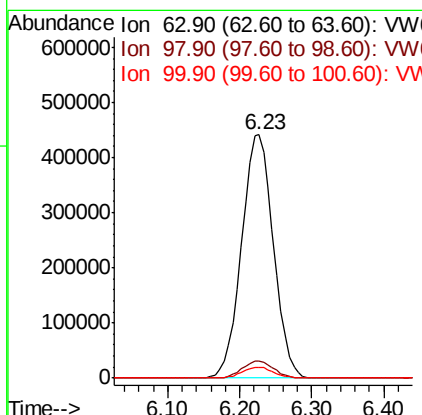
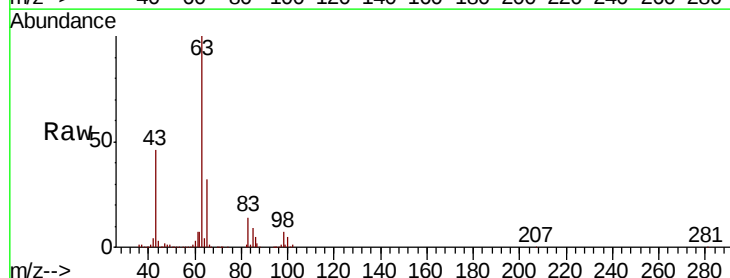
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

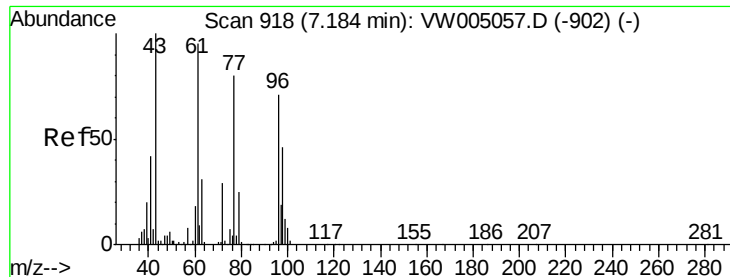
Tgt Ion: 43 Resp: 6008531
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 160.678 ug/l
 RT: 6.23 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: VW005060.D
 Acq: 01 Sep 2018 02:20

Tgt Ion: 63 Resp: 1349503
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.8
 100 4.6 2.2 6.6





#25

2-Butanone

Concen: 775.293 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW005060.D

Acq: 01 Sep 2018 02:20

Instrument :

MSVOA_W

ClientSampleId :

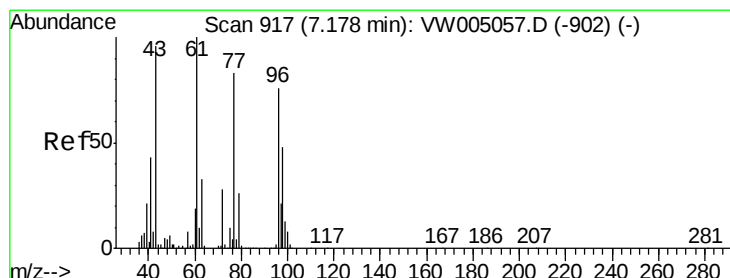
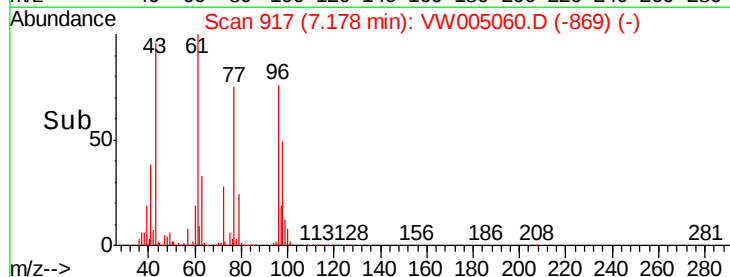
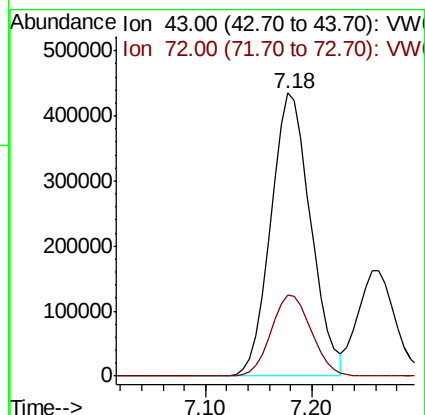
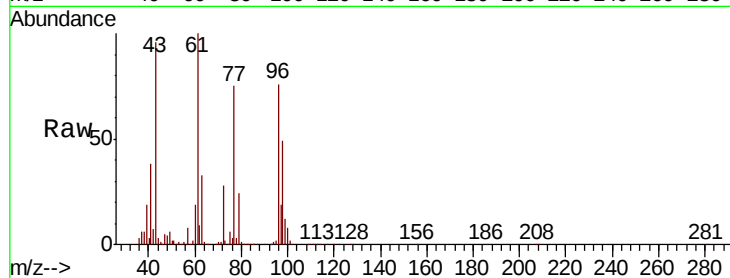
VSTDIC150

Tgt Ion: 43 Resp: 1129357

Ion Ratio Lower Upper

43 100

72 28.8 23.1 34.7



#26

2,2-Dichloropropane

Concen: 143.993 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.00 min

Lab File: VW005060.D

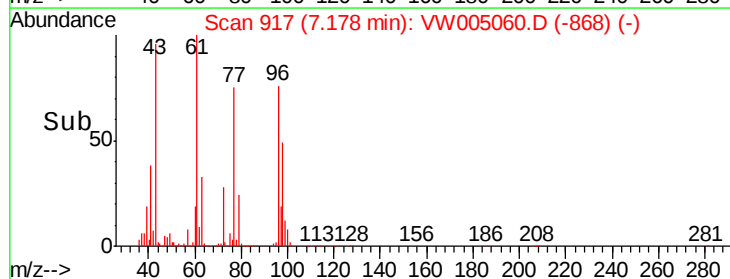
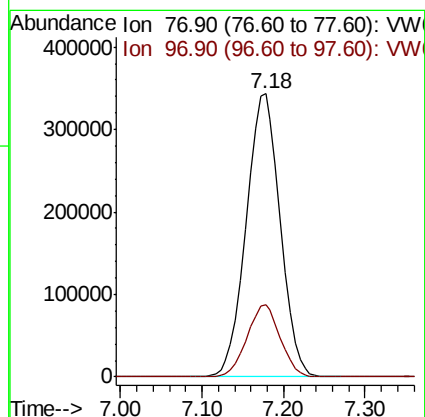
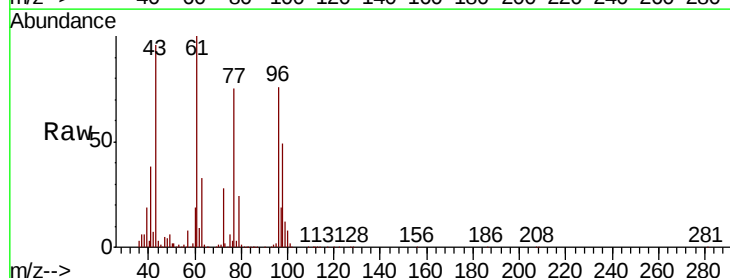
Acq: 01 Sep 2018 02:20

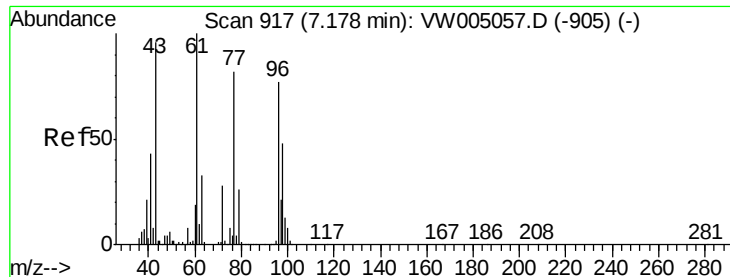
Tgt Ion: 77 Resp: 993829

Ion Ratio Lower Upper

77 100

97 24.9 12.2 36.6



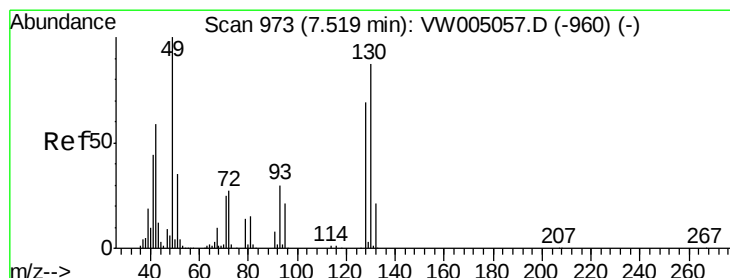
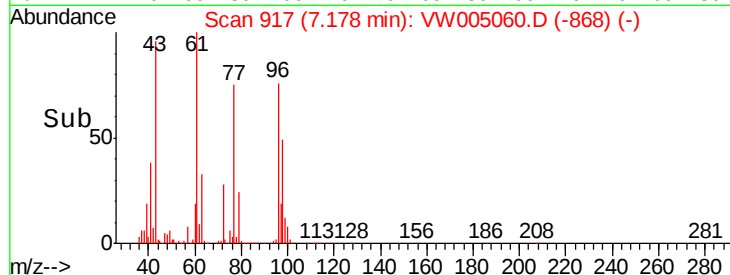
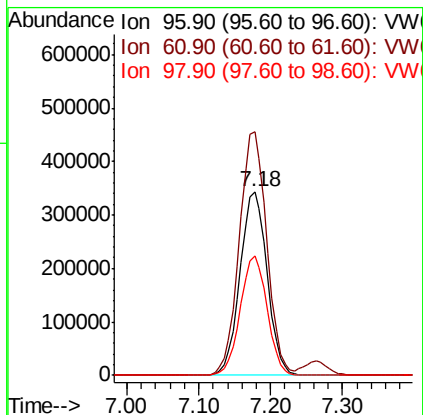
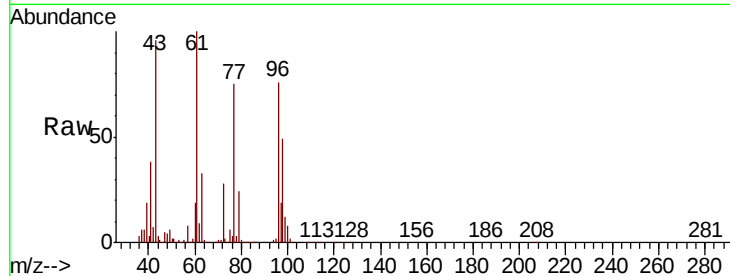


#27

cis-1,2-Dichloroethene
 Concen: 164.684 ug/l
 RT: 7.18 min Scan# 917
 Delta R.T. -0.00 min
 Lab File: VW005060.D
 Acq: 01 Sep 2018 02:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

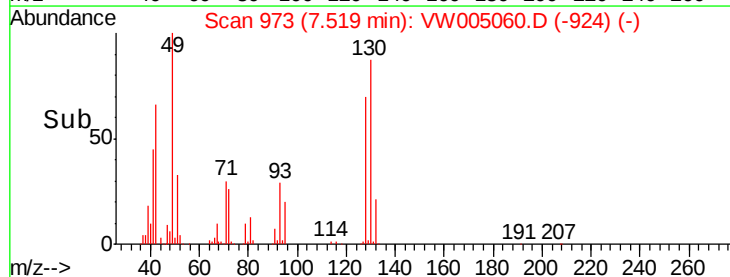
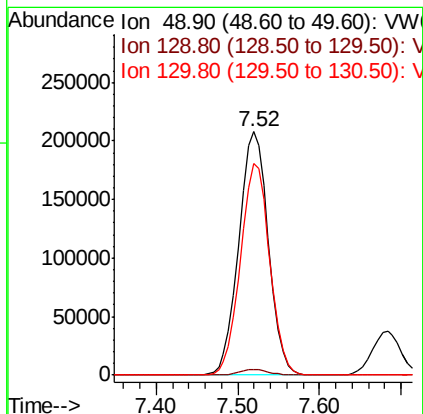
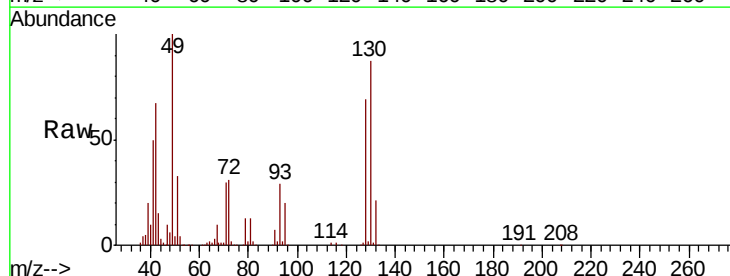
Tgt Ion	Ratio	Lower	Upper
96	100		
61	134.8	0.0	273.2
98	64.4	0.0	127.8

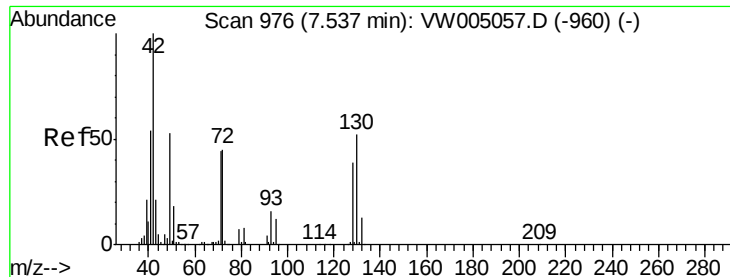


#28

Bromochloromethane
 Concen: 154.197 ug/l
 RT: 7.52 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VW005060.D
 Acq: 01 Sep 2018 02:20

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	86.3	69.6	104.4





#29

Tetrahydrofuran

Concen: 844.708 ug/l

RT: 7.54 min Scan# 976

Delta R.T. -0.00 min

Lab File: VW005060.D

Acq: 01 Sep 2018 02:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

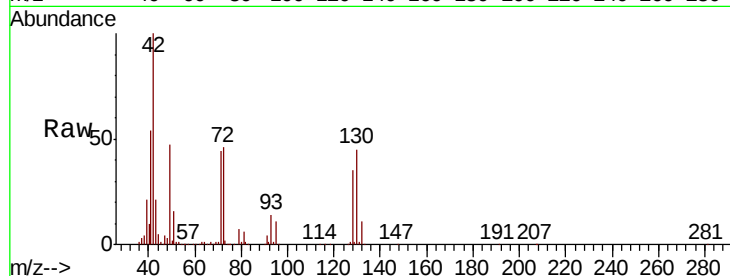
Tgt Ion: 42 Resp: 628721

Ion Ratio Lower Upper

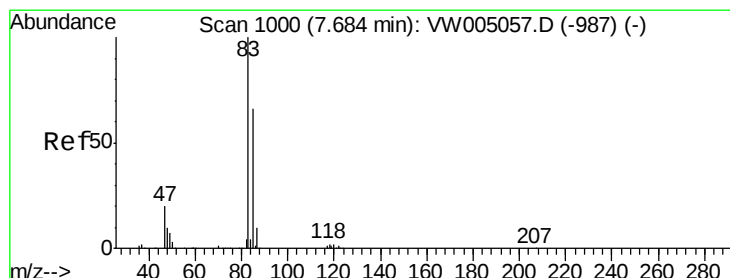
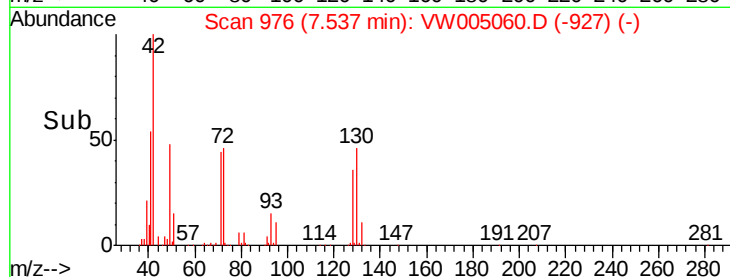
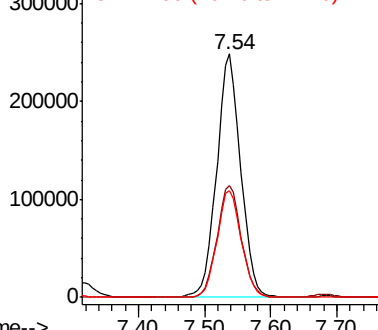
42 100

72 46.6 37.0 55.4

71 44.3 35.0 52.6



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 157.798 ug/l

RT: 7.68 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VW005060.D

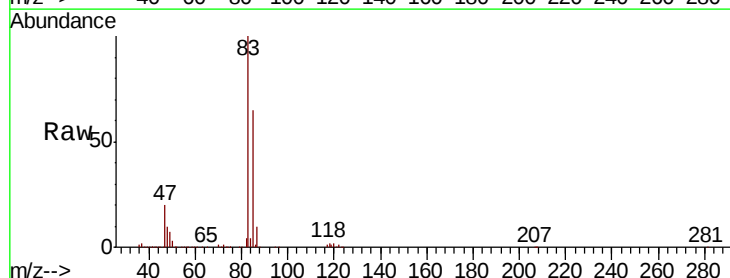
Acq: 01 Sep 2018 02:20

Tgt Ion: 83 Resp: 1352679

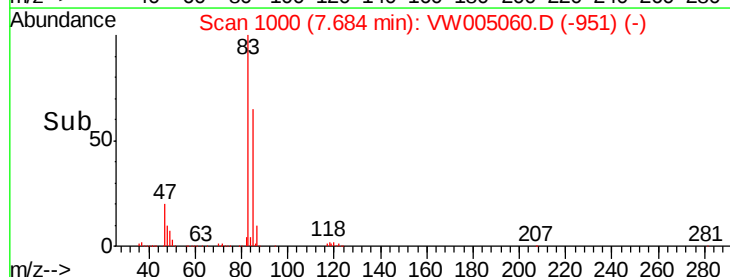
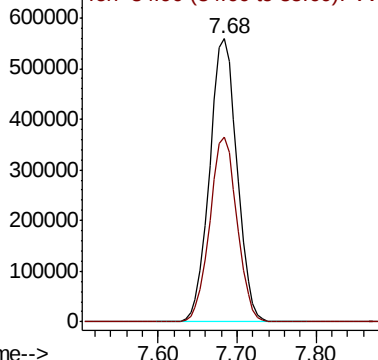
Ion Ratio Lower Upper

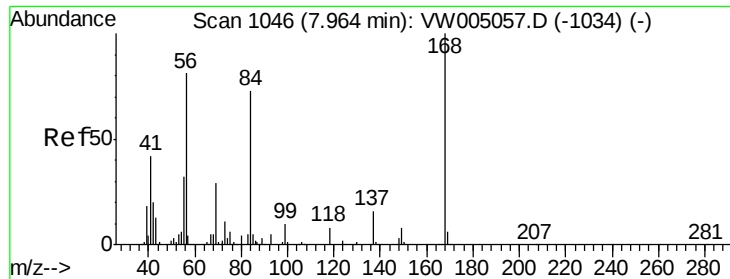
83 100

85 65.4 53.1 79.7



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

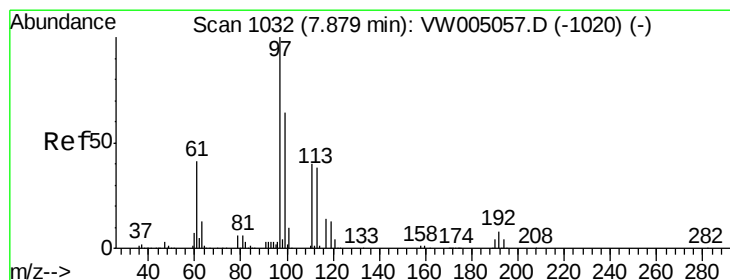
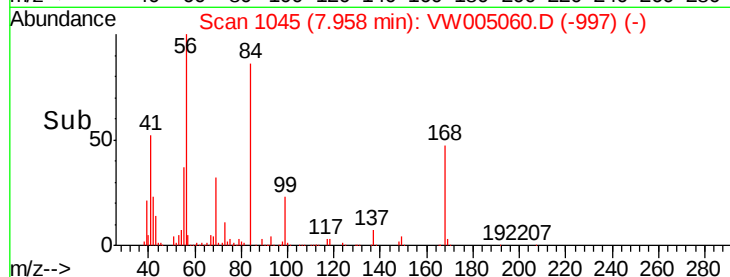
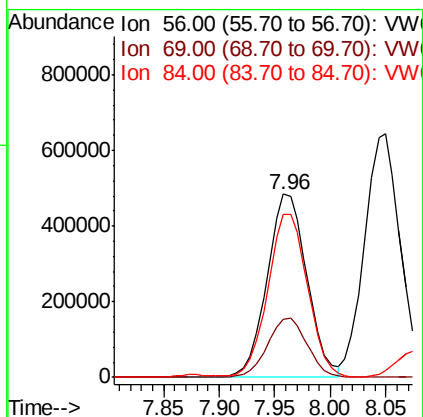
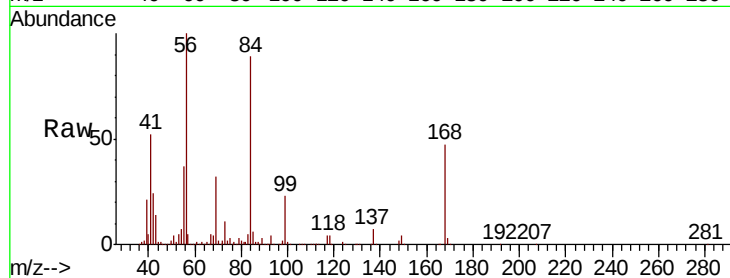




#31
Cyclohexane
Concen: 146.415 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.01 min
Lab File: VW005060.D
Acq: 01 Sep 2018 02:20

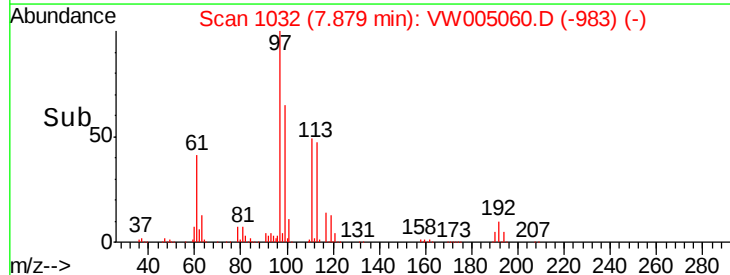
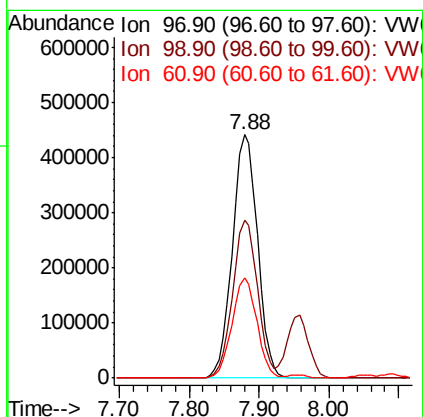
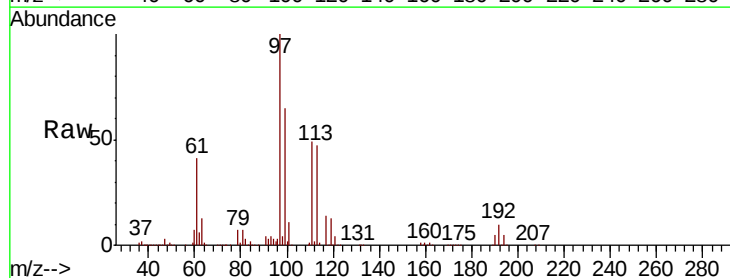
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

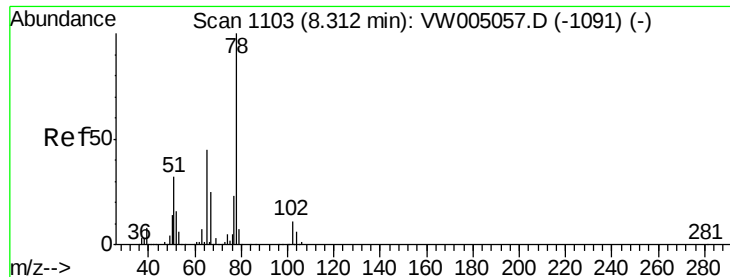
Tgt Ion: 56 Resp: 1204235
Ion Ratio Lower Upper
56 100
69 31.8 28.2 42.2
84 87.6 71.8 107.8



#32
1,1,1-Trichloroethane
Concen: 147.567 ug/l
RT: 7.88 min Scan# 1032
Delta R.T. -0.00 min
Lab File: VW005060.D
Acq: 01 Sep 2018 02:20

Tgt Ion: 97 Resp: 1101703
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.8
61 40.8 33.2 49.8





#33

1,2-Dichloroethane-d4

Concen: 154.732 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW005060.D

Acq: 01 Sep 2018 02:20

Instrument :

MSVOA_W

ClientSampleId :

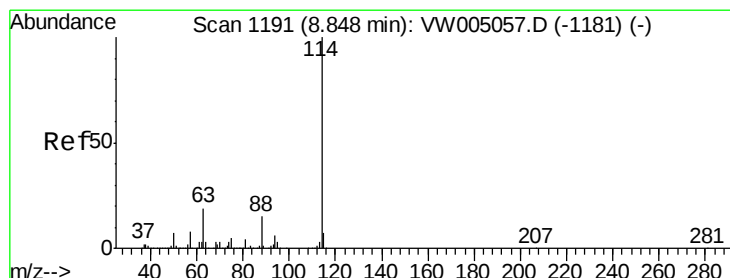
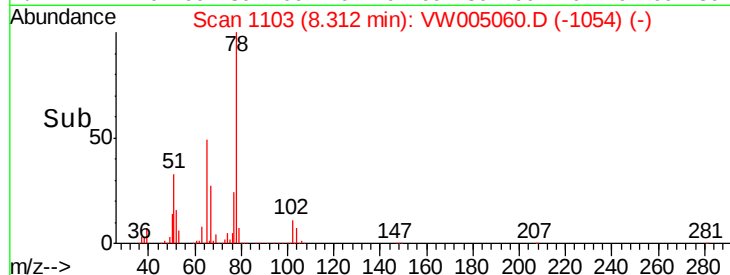
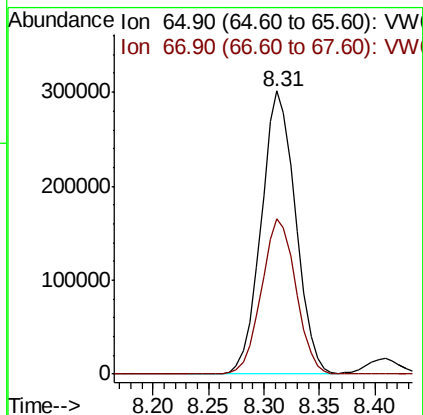
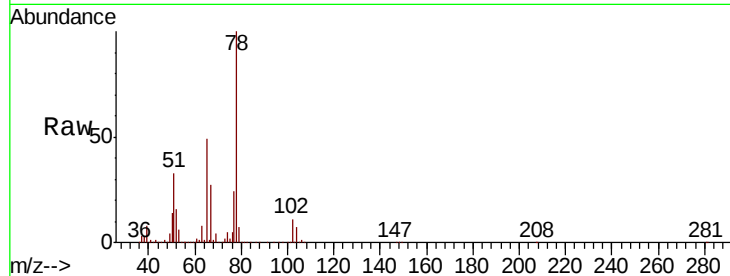
VSTDIC150

Tgt Ion: 65 Resp: 647974

Ion Ratio Lower Upper

65 100

67 55.0 0.0 109.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW005060.D

Acq: 01 Sep 2018 02:20

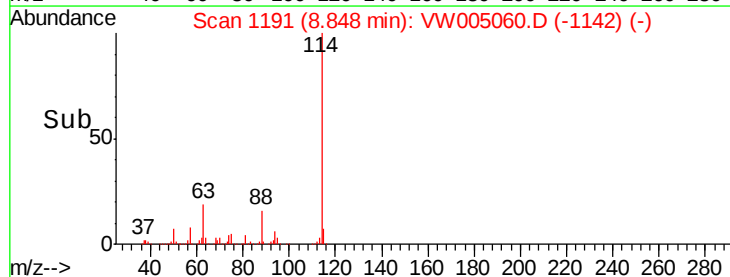
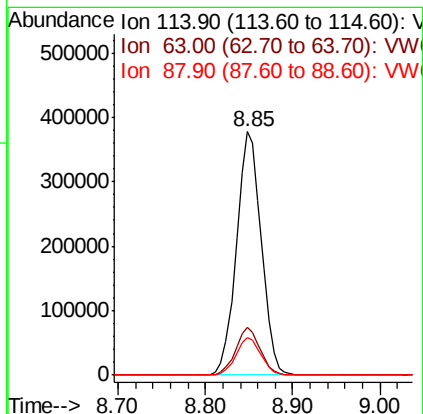
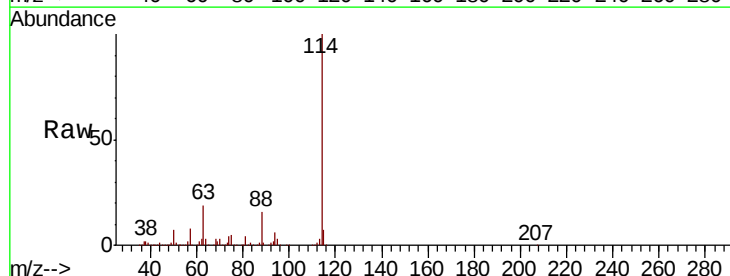
Tgt Ion: 114 Resp: 742705

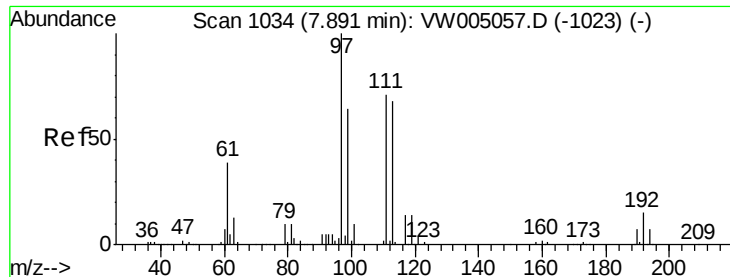
Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.0

88 15.6 0.0 30.2

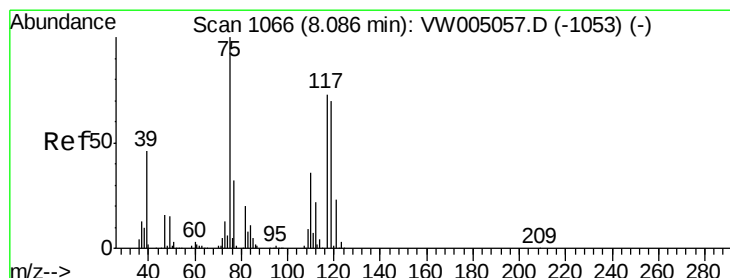
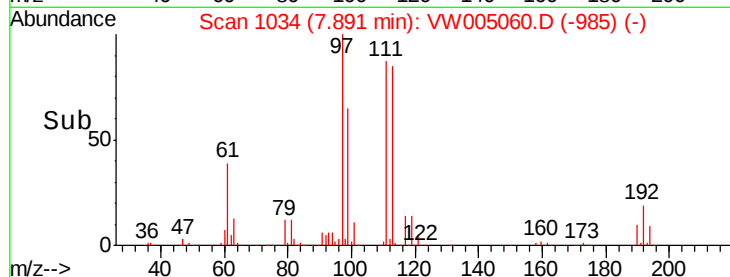
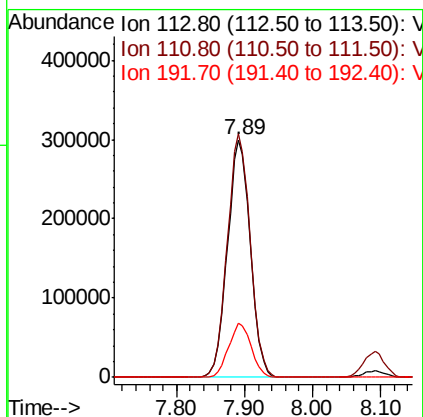
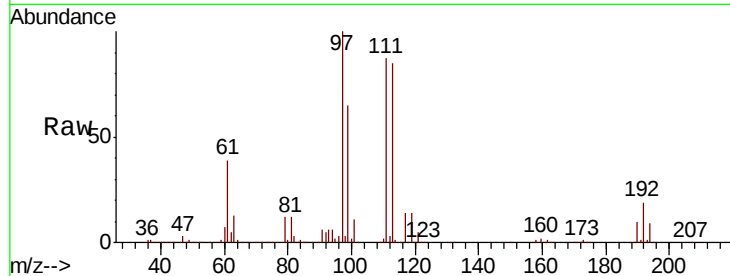




#35
 Dibromofluoromethane
 Concen: 161.343 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005060.D
 Acq: 01 Sep 2018 02:20

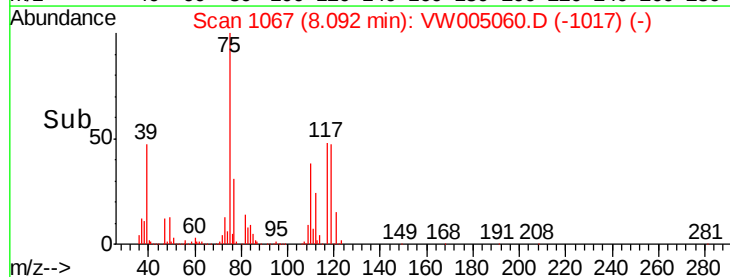
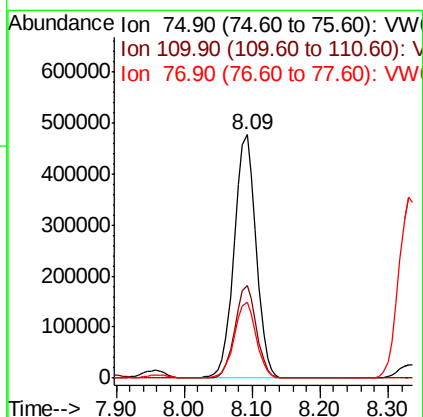
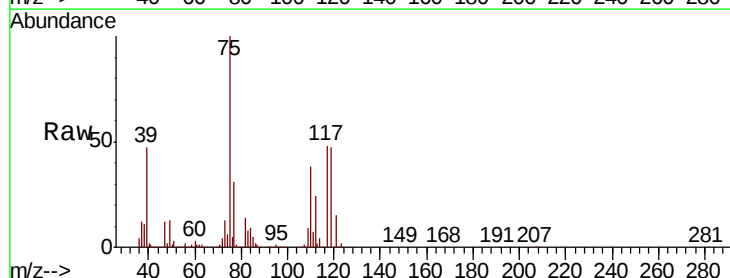
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

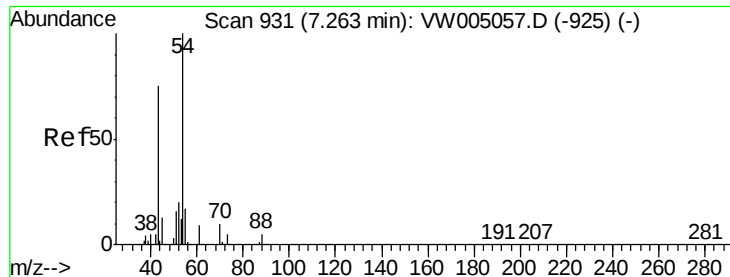
Tgt Ion:113 Resp: 692481
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.2 123.2
 192 22.5 18.1 27.1



#36
 1,1-Dichloropropene
 Concen: 150.605 ug/l
 RT: 8.09 min Scan# 1067
 Delta R.T. 0.01 min
 Lab File: VW005060.D
 Acq: 01 Sep 2018 02:20

Tgt Ion: 75 Resp: 1065300
 Ion Ratio Lower Upper
 75 100
 110 37.3 18.9 56.7
 77 31.4 25.5 38.3

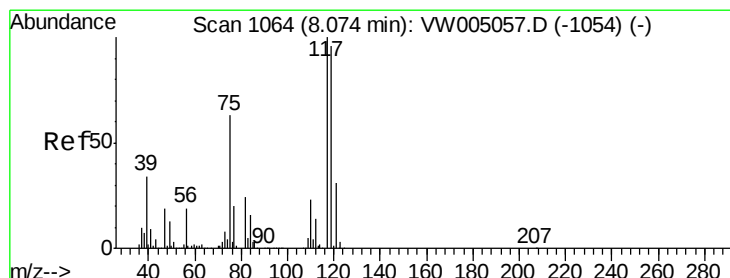
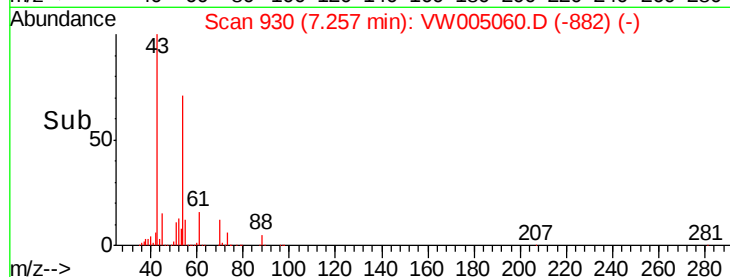
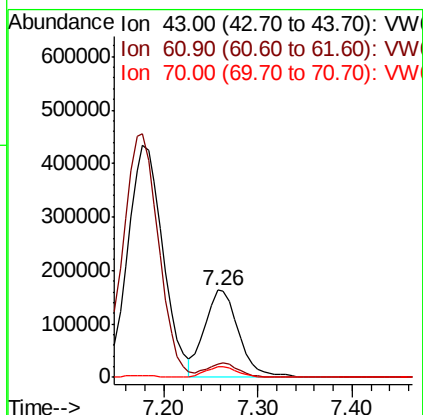
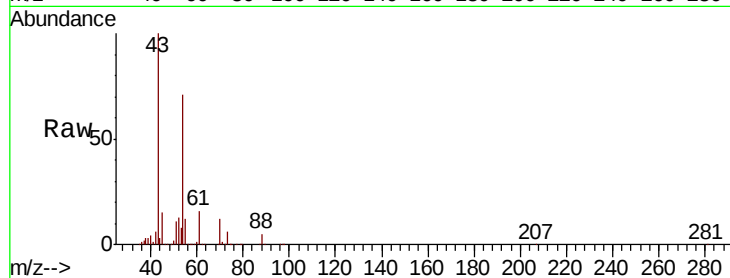




#37
Ethyl Acetate
Concen: 155.042 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW005060.D
Acq: 01 Sep 2018 02:20

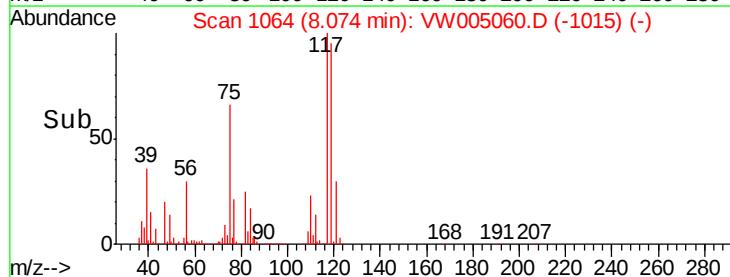
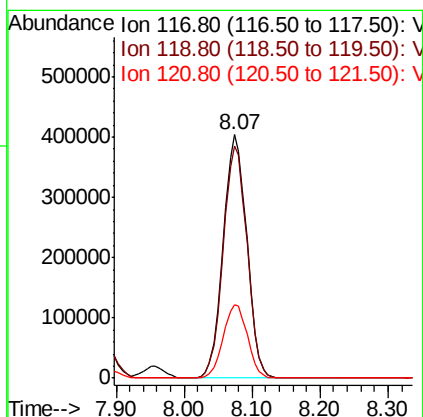
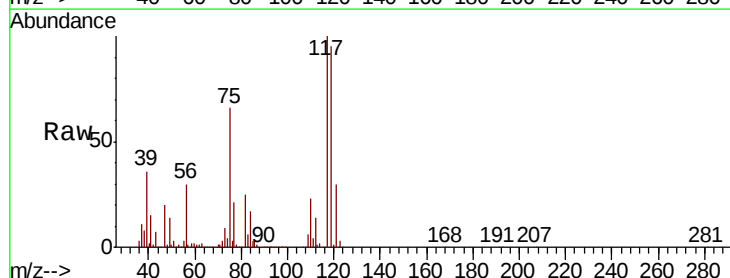
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

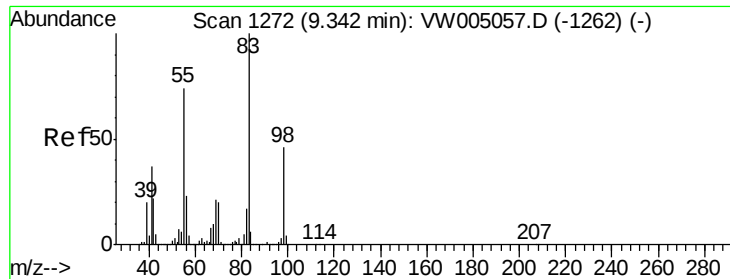
Tgt Ion: 43 Resp: 410136
Ion Ratio Lower Upper
43 100
61 15.4 12.1 18.1
70 11.8 9.4 14.2



#38
Carbon Tetrachloride
Concen: 144.130 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. -0.00 min
Lab File: VW005060.D
Acq: 01 Sep 2018 02:20

Tgt Ion: 117 Resp: 969387
Ion Ratio Lower Upper
117 100
119 95.4 76.6 115.0
121 30.3 24.8 37.2

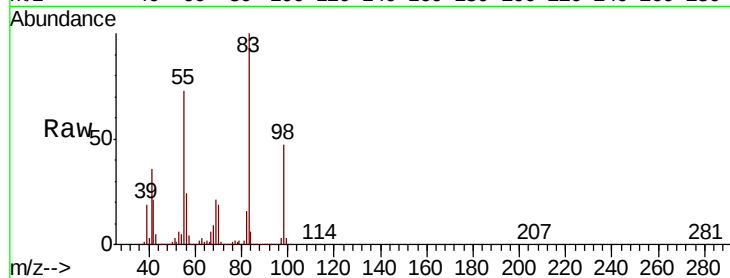




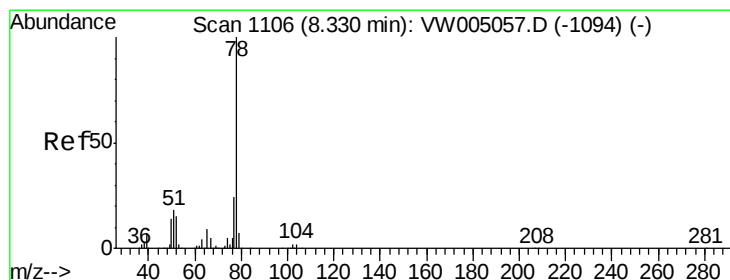
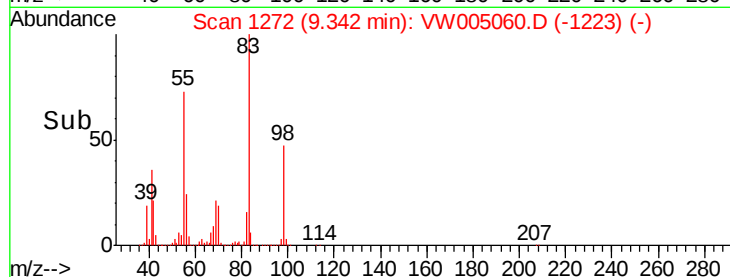
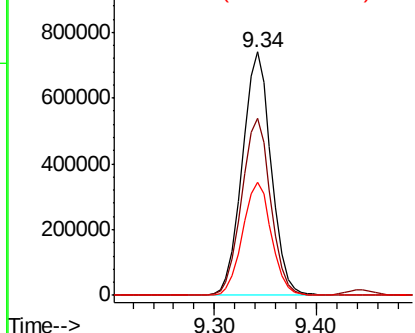
#39
Methylcyclohexane
Concen: 170.169 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VW005060.D
Acq: 01 Sep 2018 02:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 1455684
Ion Ratio Lower Upper
83 100
55 72.8 58.9 88.3
98 46.6 36.8 55.2

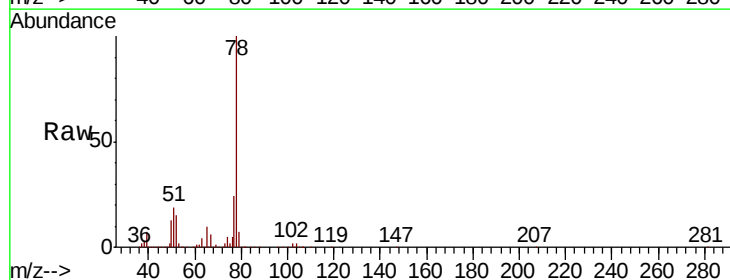


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

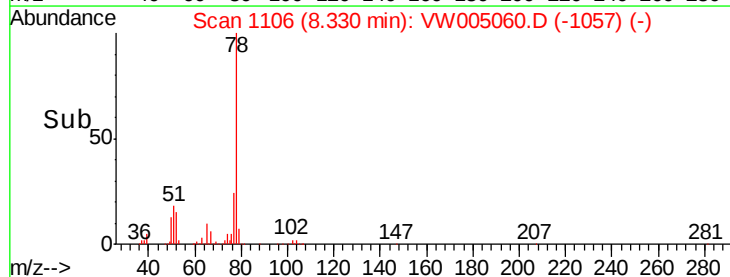
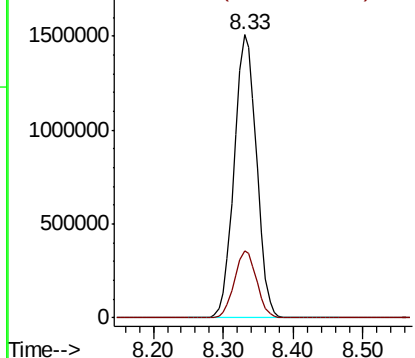


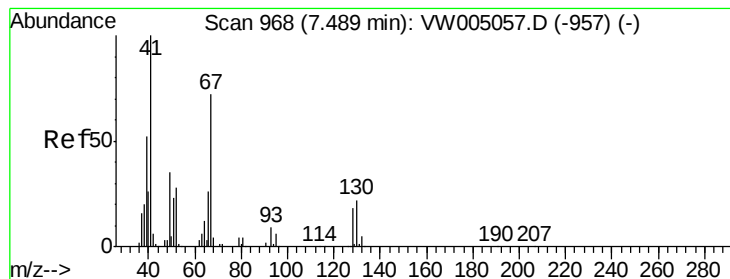
#40
Benzene
Concen: 154.371 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VW005060.D
Acq: 01 Sep 2018 02:20

Tgt Ion: 78 Resp: 3342799
Ion Ratio Lower Upper
78 100
77 23.6 19.4 29.0



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW





#41

Methacrylonitrile

Concen: 179.227 ug/l

RT: 7.49 min Scan# 969

Delta R.T. 0.01 min

Lab File: VW005060.D

Acq: 01 Sep 2018 02:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 274702

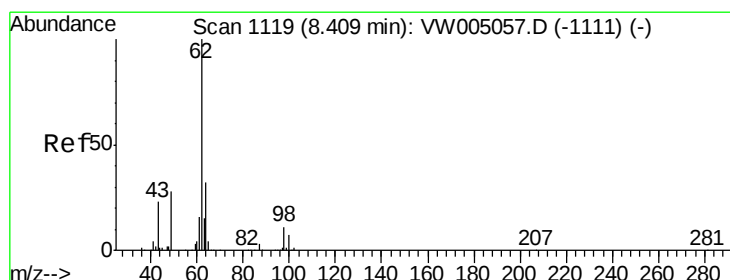
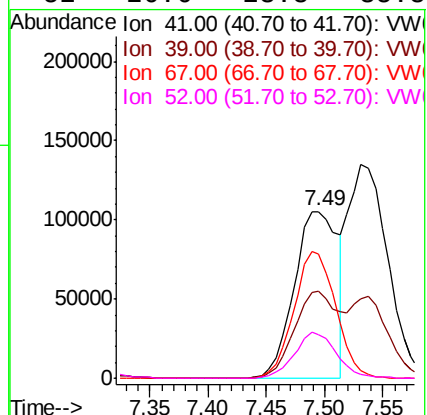
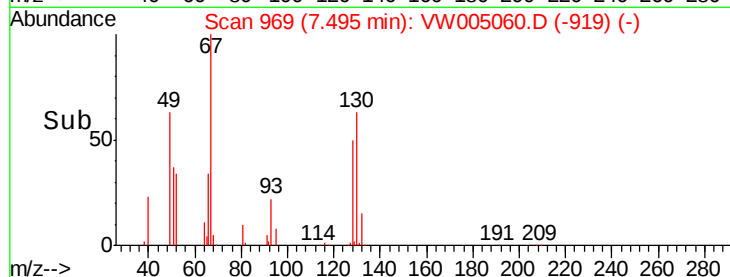
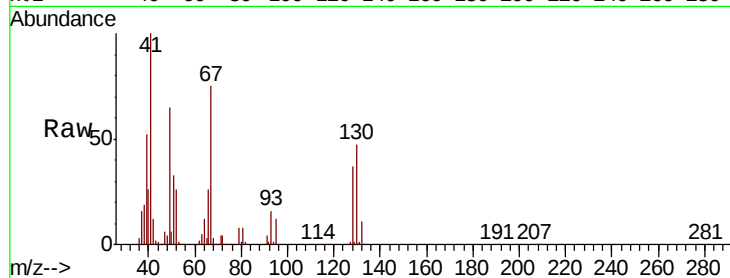
Ion Ratio Lower Upper

41 100

39 55.8 41.8 62.8

67 73.0 60.4 90.6

52 26.6 23.8 35.8



#42

1,2-Dichloroethane

Concen: 149.593 ug/l

RT: 8.41 min Scan# 1119

Delta R.T. -0.00 min

Lab File: VW005060.D

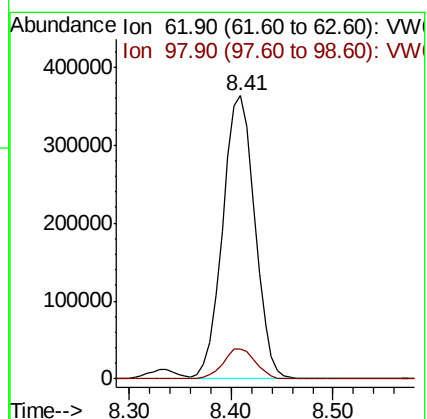
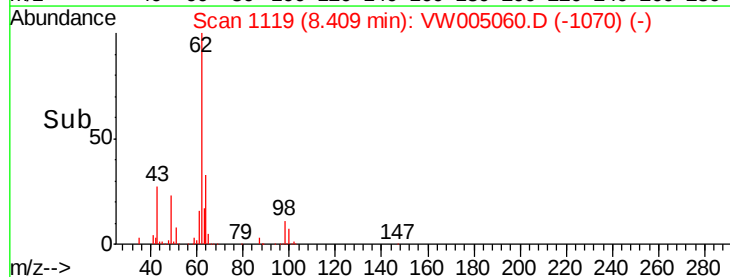
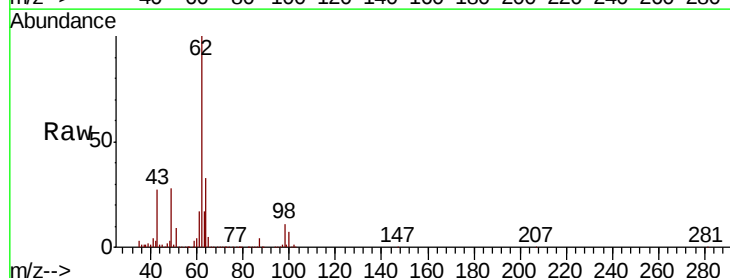
Acq: 01 Sep 2018 02:20

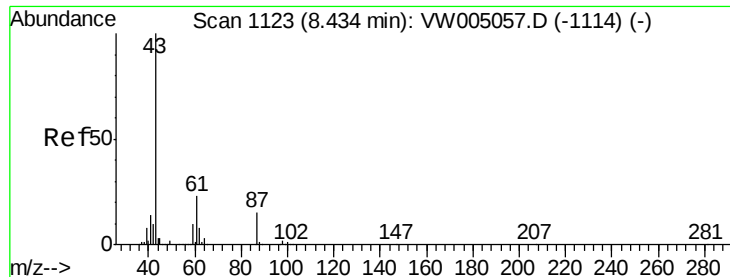
Tgt Ion: 62 Resp: 792786

Ion Ratio Lower Upper

62 100

98 10.7 0.0 21.8





#43

Isopropyl Acetate

Concen: 168.879 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VW005060.D

Acq: 01 Sep 2018 02:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

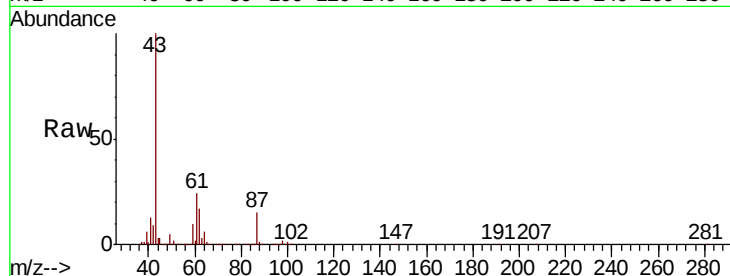
Tgt Ion: 43 Resp: 812919

Ion Ratio Lower Upper

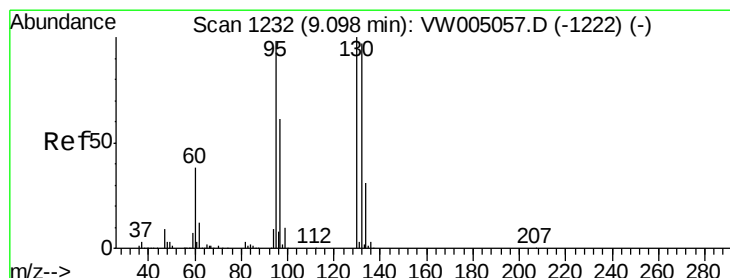
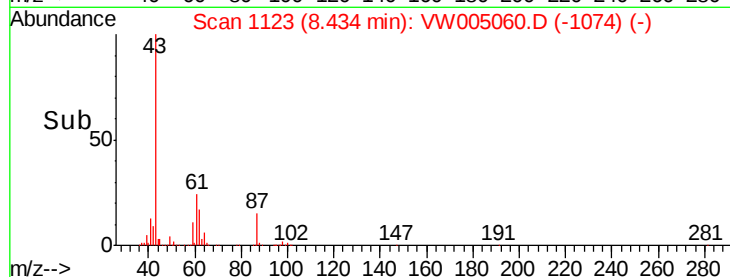
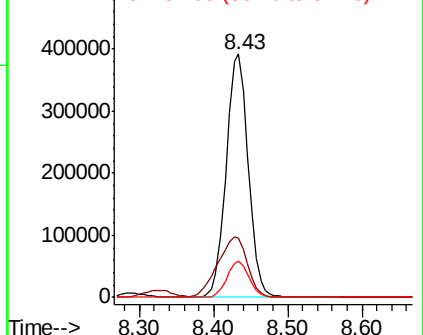
43 100

61 32.9 26.8 40.2

87 15.0 11.6 17.4



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



#44

Trichloroethene

Concen: 151.175 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VW005060.D

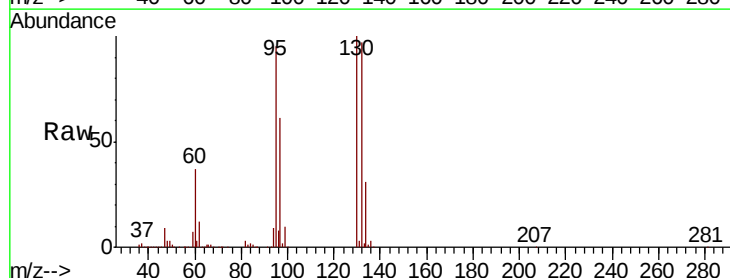
Acq: 01 Sep 2018 02:20

Tgt Ion: 130 Resp: 883255

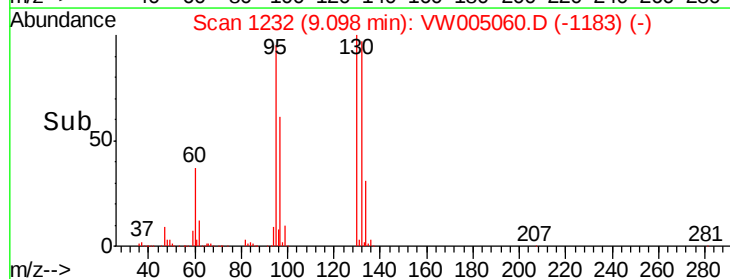
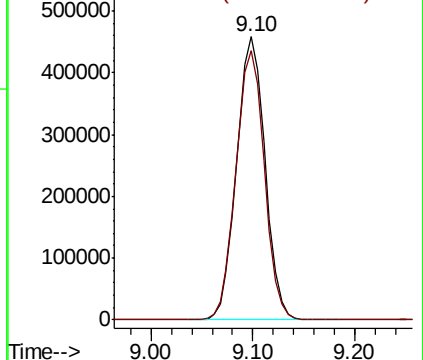
Ion Ratio Lower Upper

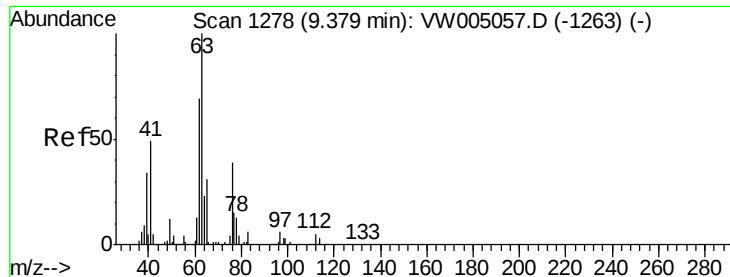
130 100

95 95.2 0.0 195.2



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





#45

1,2-Dichloropropane

Concen: 150.470 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.01 min

Lab File: VW005060.D

Acq: 01 Sep 2018 02:20

Instrument :

MSVOA_W

ClientSampleId :

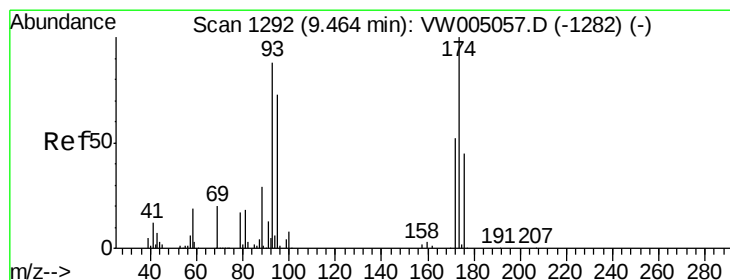
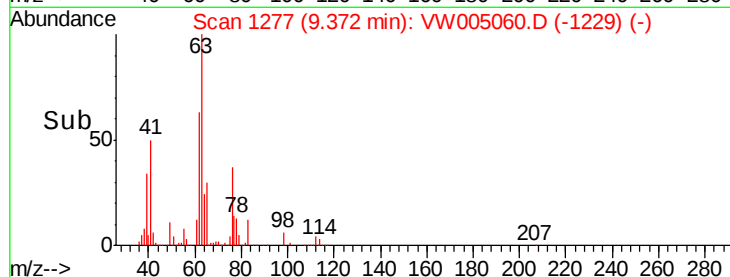
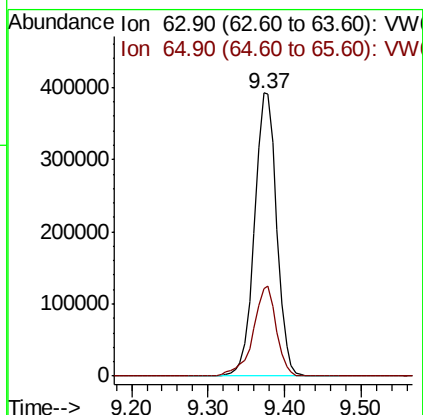
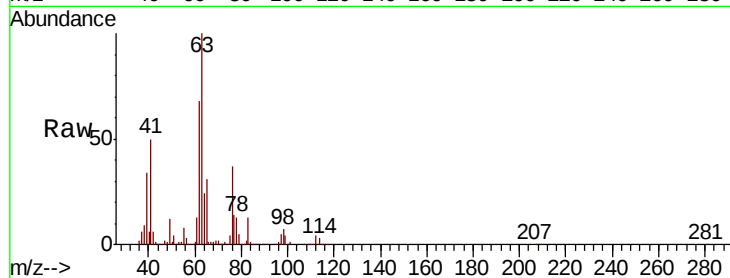
VSTDIC150

Tgt Ion: 63 Resp: 795991

Ion Ratio Lower Upper

63 100

65 31.0 24.6 37.0



#46

Dibromomethane

Concen: 153.201 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VW005060.D

Acq: 01 Sep 2018 02:20

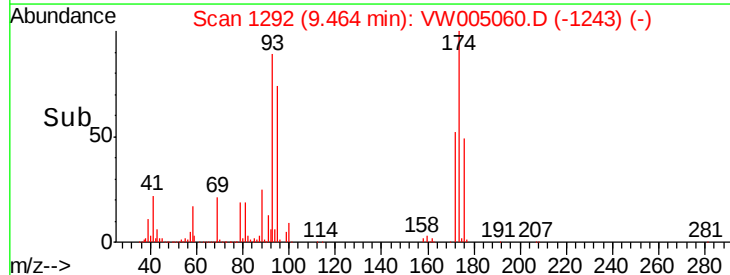
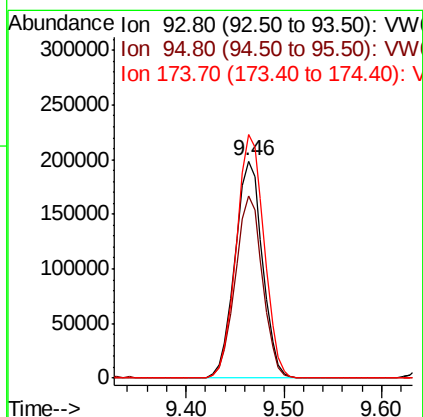
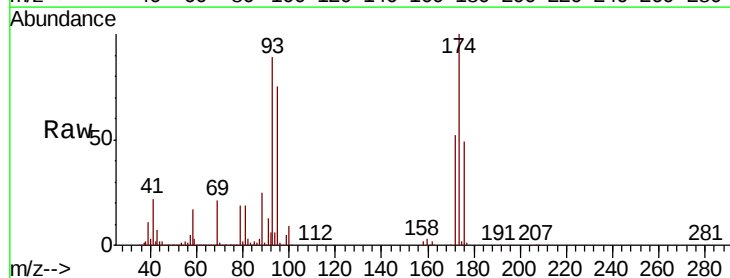
Tgt Ion: 93 Resp: 387531

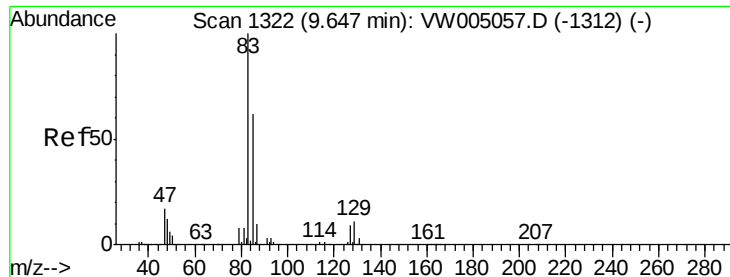
Ion Ratio Lower Upper

93 100

95 83.4 66.2 99.4

174 113.2 92.0 138.0





#47

Bromodichloromethane

Concen: 150.277 ug/l

RT: 9.65 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VW005060.D

Acq: 01 Sep 2018 02:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

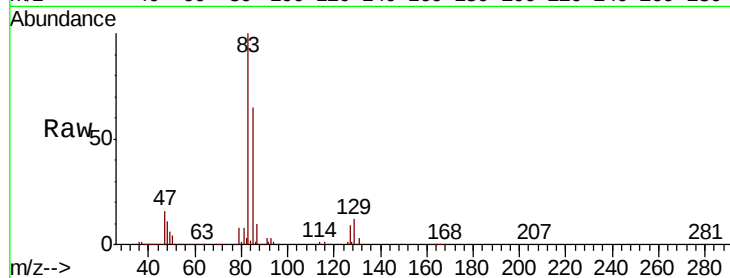
Tgt Ion: 83 Resp: 957158

Ion Ratio Lower Upper

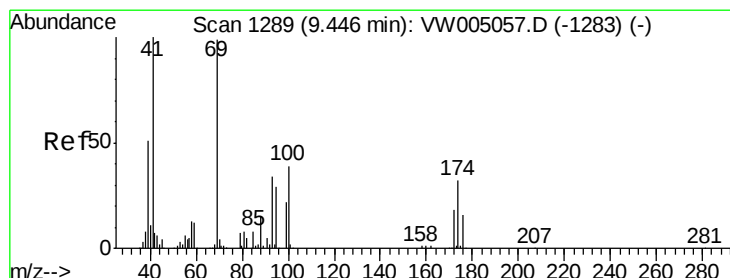
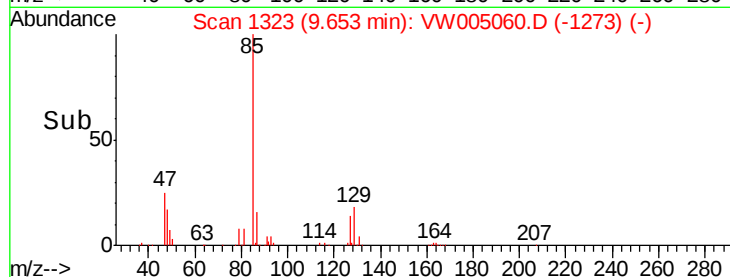
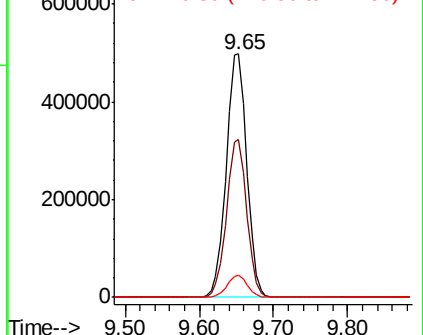
83 100

85 65.1 49.8 74.6

127 9.2 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: 184.951 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VW005060.D

Acq: 01 Sep 2018 02:20

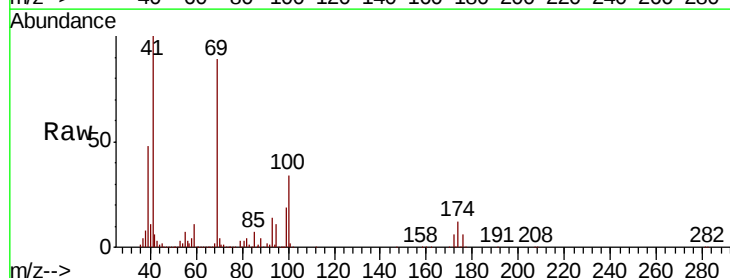
Tgt Ion: 41 Resp: 428692

Ion Ratio Lower Upper

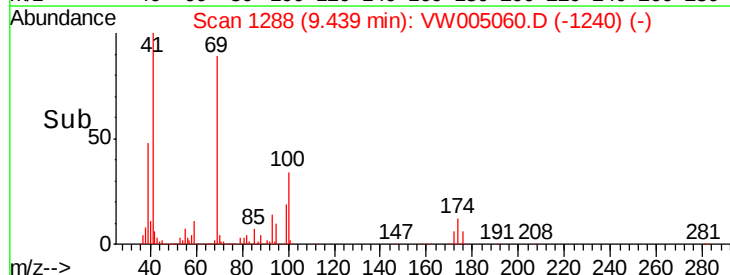
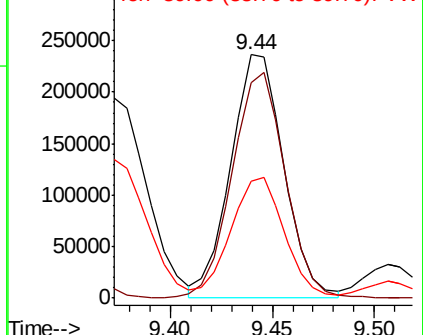
41 100

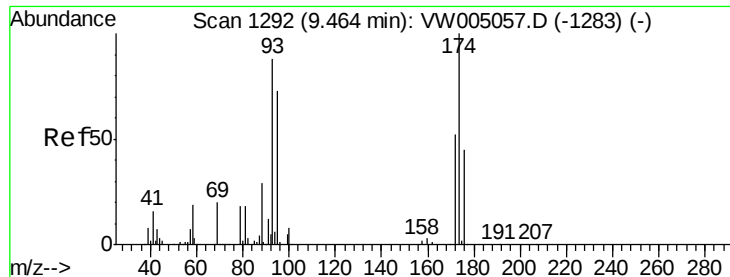
69 92.7 80.4 120.6

39 47.1 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: 2992.529 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VW005060.D

Acq: 01 Sep 2018 02:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

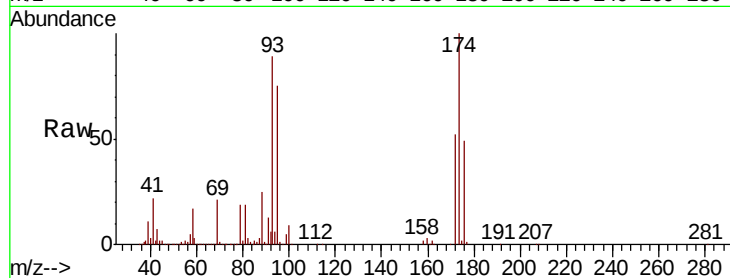
Tgt Ion: 88 Resp: 122415

Ion Ratio Lower Upper

88 100

43 0.0 19.8 29.6#

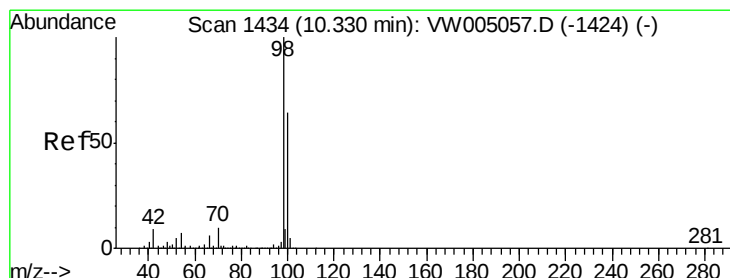
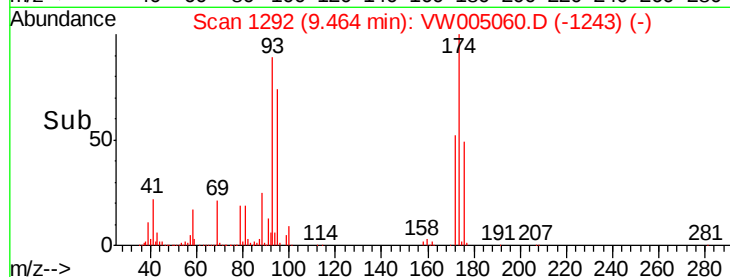
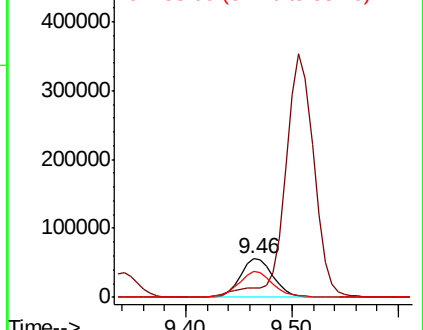
58 70.8 57.1 85.7



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: 159.536 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW005060.D

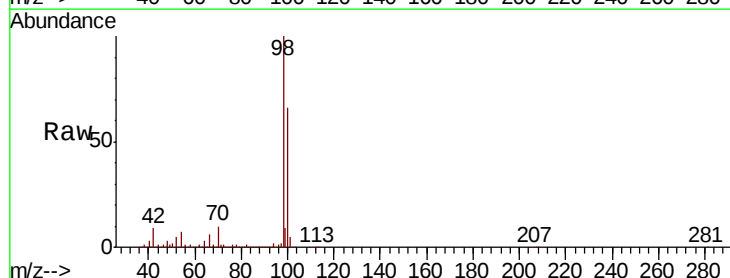
Acq: 01 Sep 2018 02:20

Tgt Ion: 98 Resp: 3155092

Ion Ratio Lower Upper

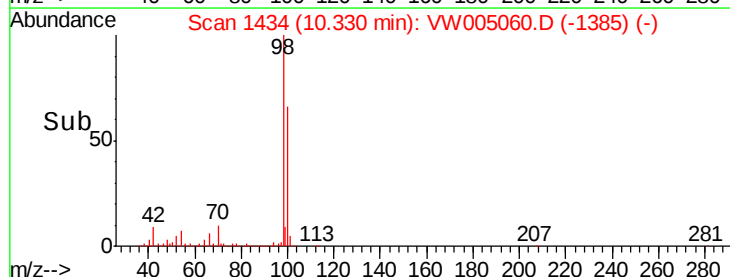
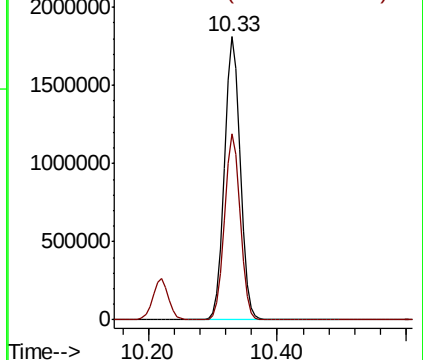
98 100

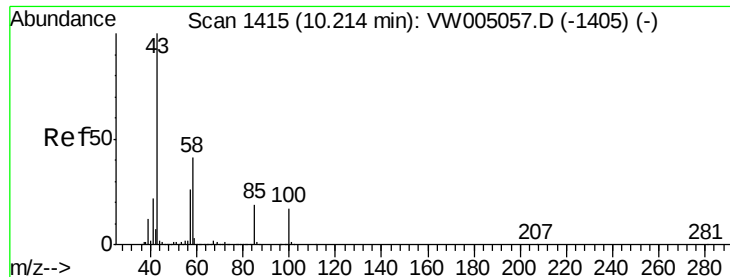
100 65.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

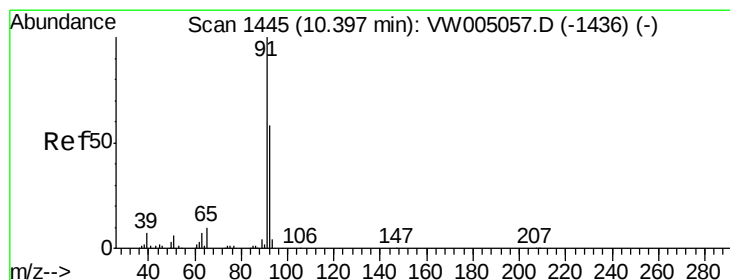
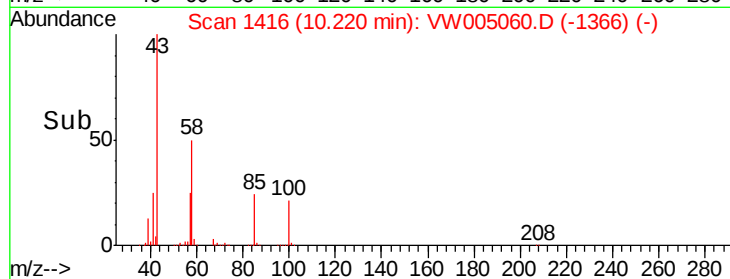
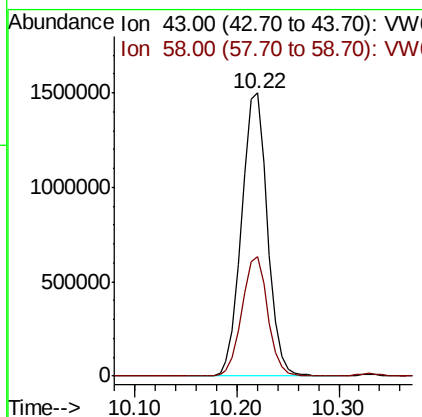
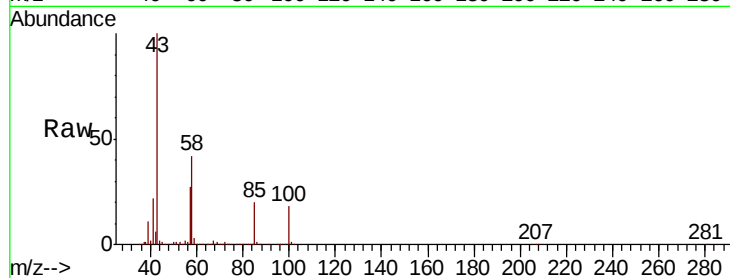




#51
 4-Methyl-2-Pentanone
 Concen: 818.453 ug/l
 RT: 10.22 min Scan# 1416
 Delta R.T. 0.01 min
 Lab File: VW005060.D
 Acq: 01 Sep 2018 02:20

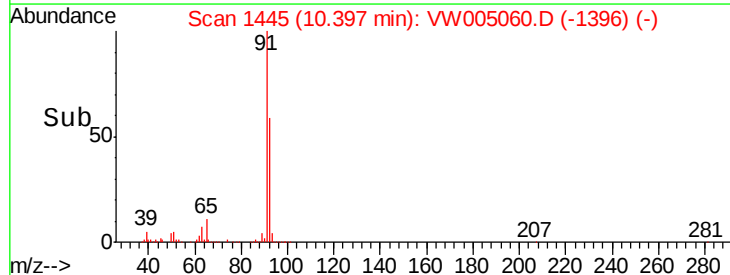
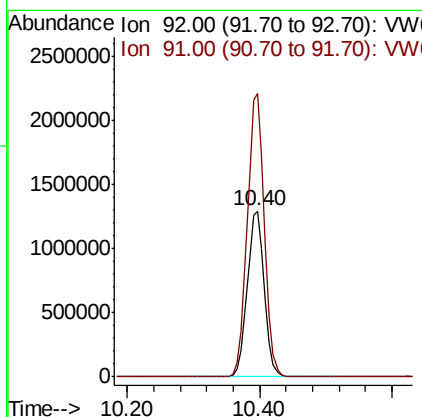
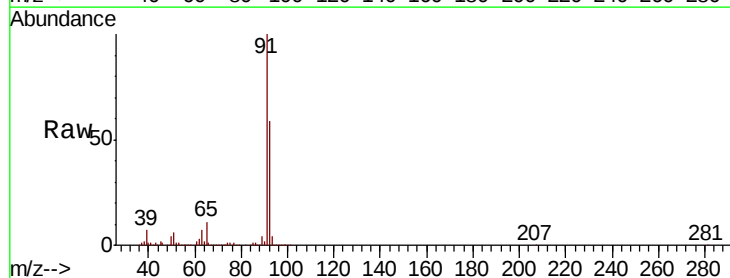
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

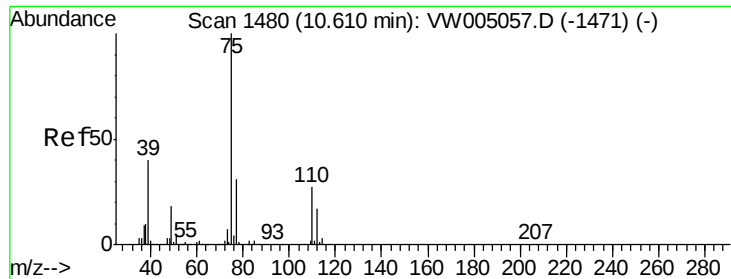
Tgt Ion: 43 Resp: 2640414
 Ion Ratio Lower Upper
 43 100
 58 42.1 33.3 49.9



#52
 Toluene
 Concen: 156.870 ug/l
 RT: 10.40 min Scan# 1445
 Delta R.T. -0.00 min
 Lab File: VW005060.D
 Acq: 01 Sep 2018 02:20

Tgt Ion: 92 Resp: 2301678
 Ion Ratio Lower Upper
 92 100
 91 171.3 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 166.229 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW005060.D

Acq: 01 Sep 2018 02:20

Instrument :

MSVOA_W

ClientSampleId :

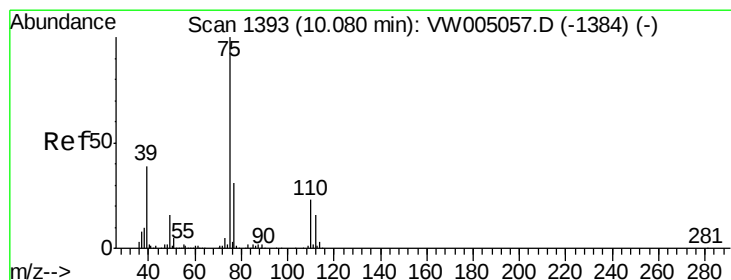
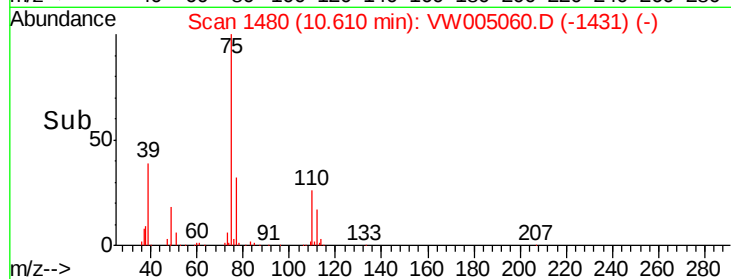
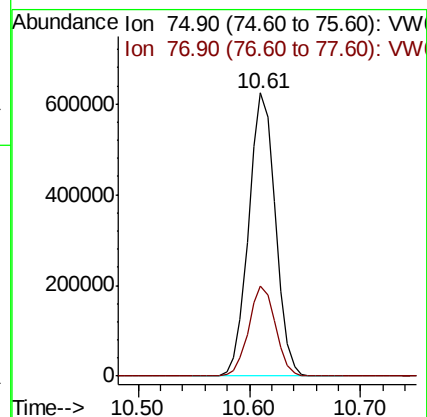
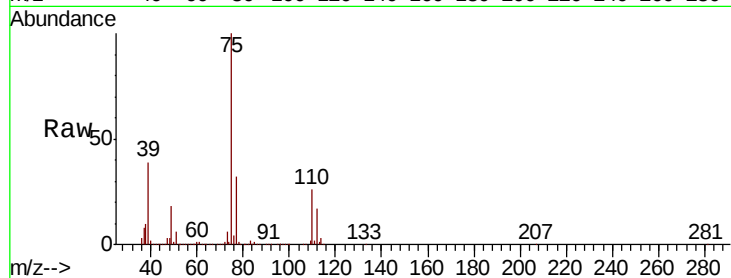
VSTDIC150

Tgt Ion: 75 Resp: 1040357

Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 160.926 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005060.D

Acq: 01 Sep 2018 02:20

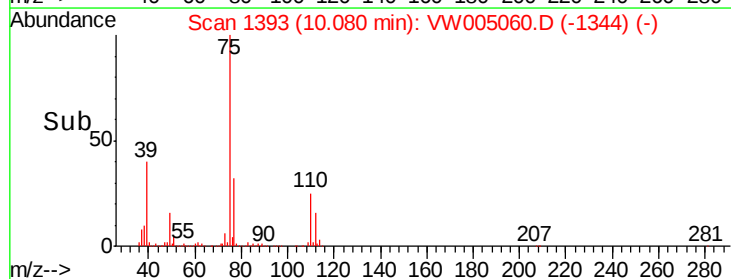
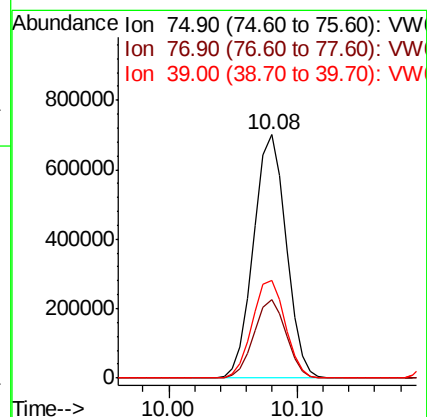
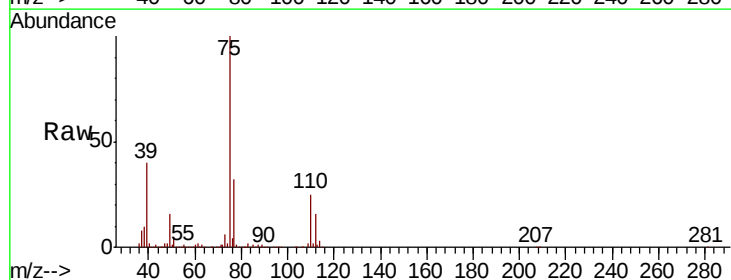
Tgt Ion: 75 Resp: 1224861

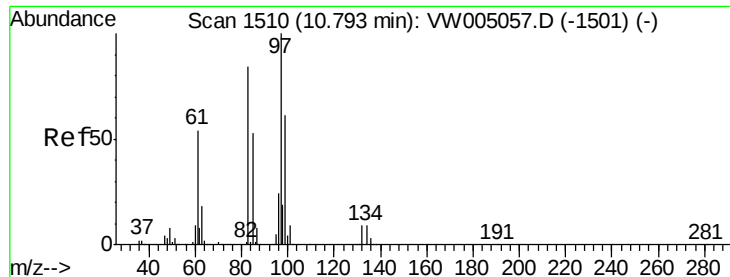
Ion Ratio Lower Upper

75 100

77 32.3 24.9 37.3

39 40.0 31.0 46.6

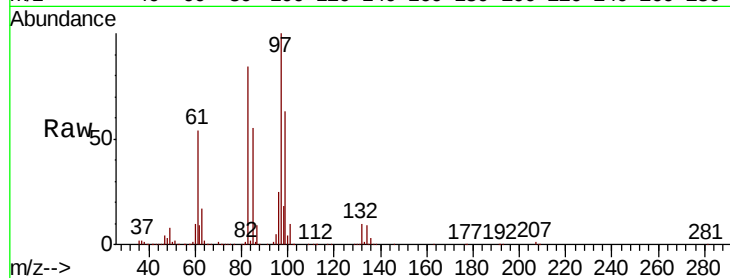




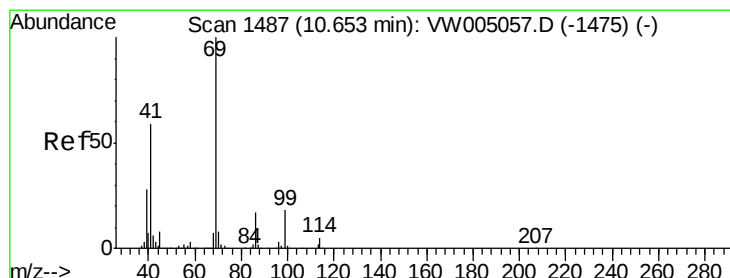
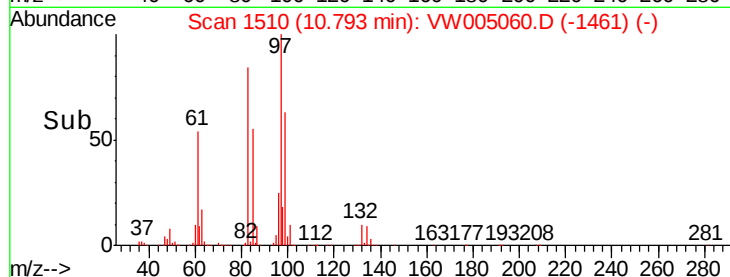
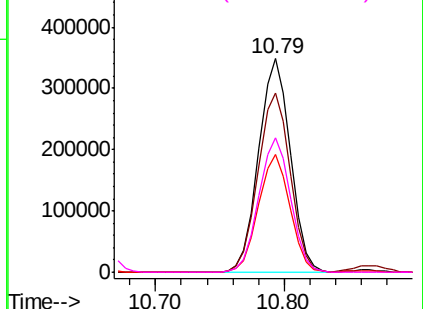
#55
 1,1,2-Trichloroethane
 Concen: 151.587 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW005060.D
 Acq: 01 Sep 2018 02:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion:	97	Resp:	593689
Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.0	100.6
85	55.0	42.3	63.5
99	62.7	48.5	72.7

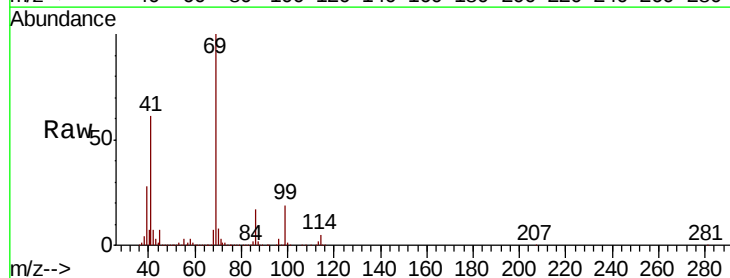


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

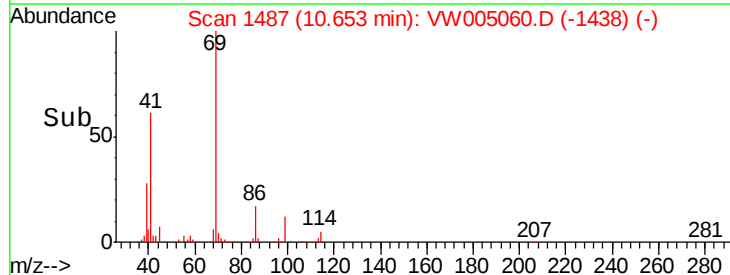
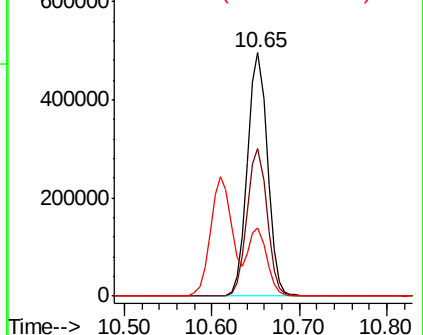


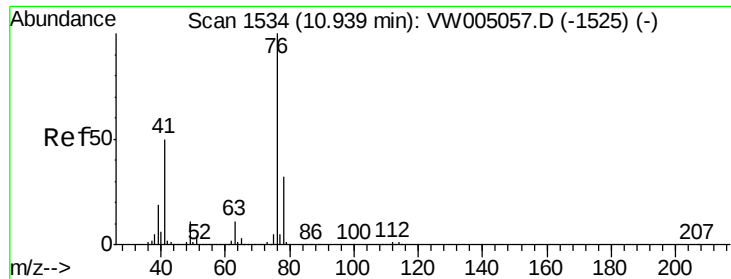
#56
 Ethyl methacrylate
 Concen: 175.807 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW005060.D
 Acq: 01 Sep 2018 02:20

Tgt Ion:	69	Resp:	785539
Ion	Ratio	Lower	Upper
69	100		
41	60.5	47.8	71.6
39	25.9	21.1	31.7



Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW

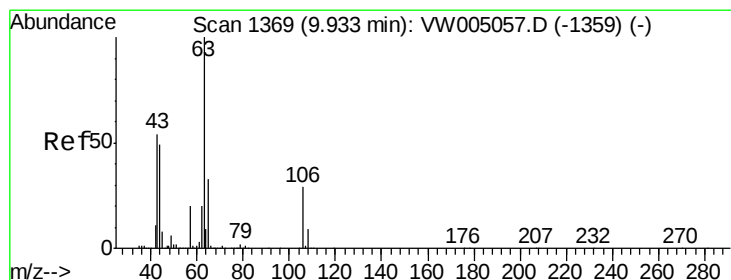
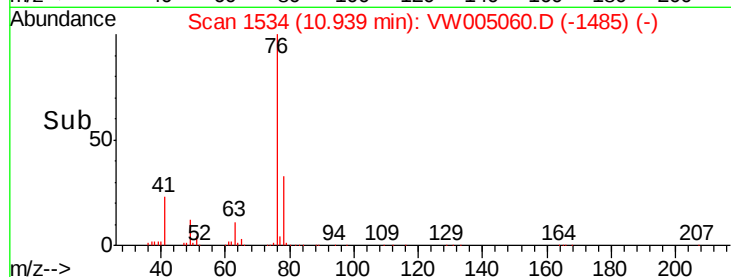
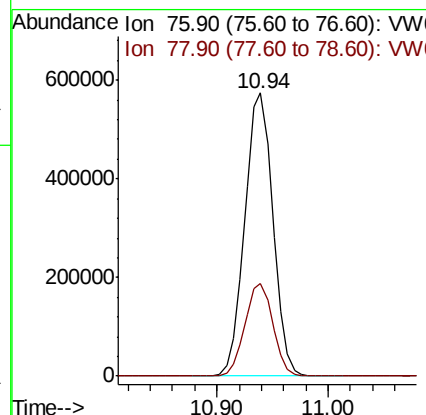
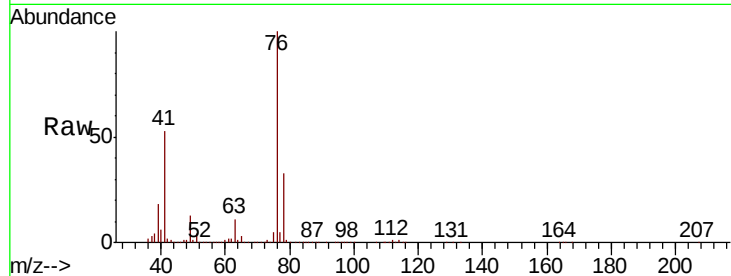




#57
 1,3-Dichloropropane
 Concen: 156.059 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VW005060.D
 Acq: 01 Sep 2018 02:20

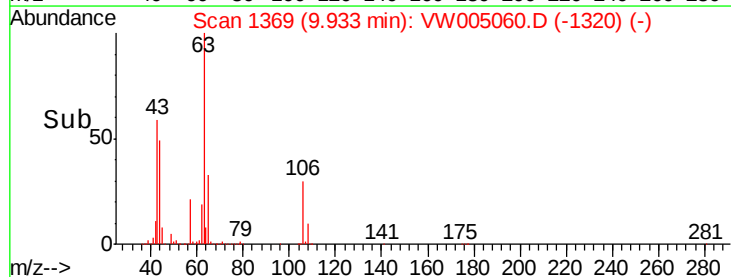
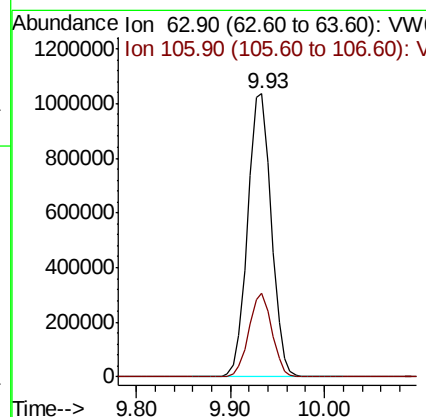
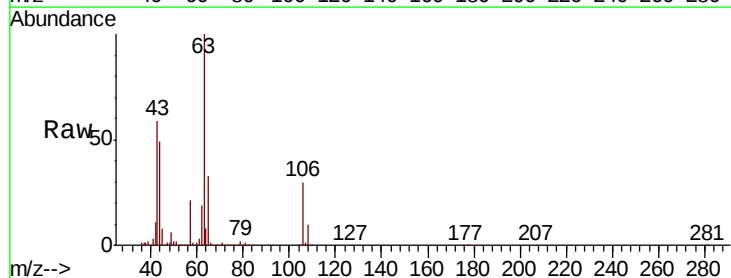
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

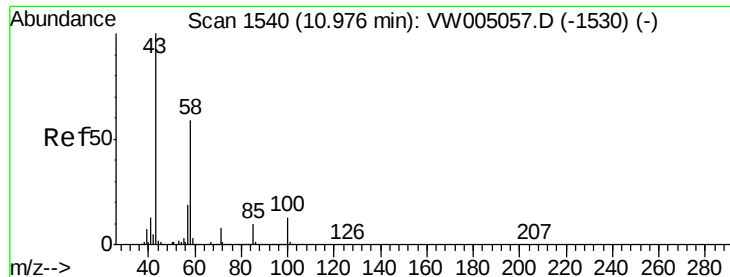
Tgt Ion: 76 Resp: 1006237
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 851.677 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: VW005060.D
 Acq: 01 Sep 2018 02:20

Tgt Ion: 63 Resp: 1803215
 Ion Ratio Lower Upper
 63 100
 106 28.8 23.1 34.7

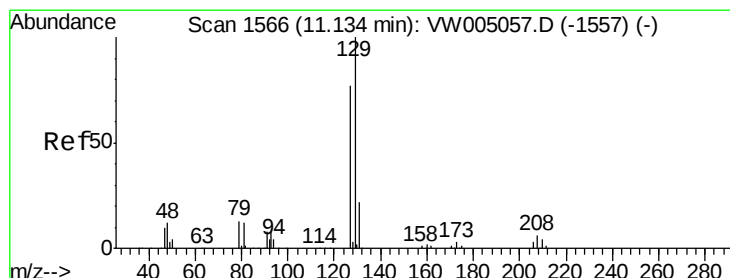
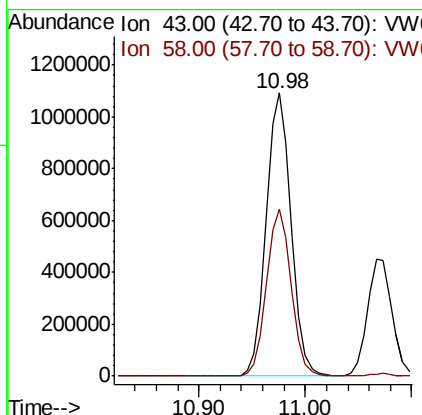
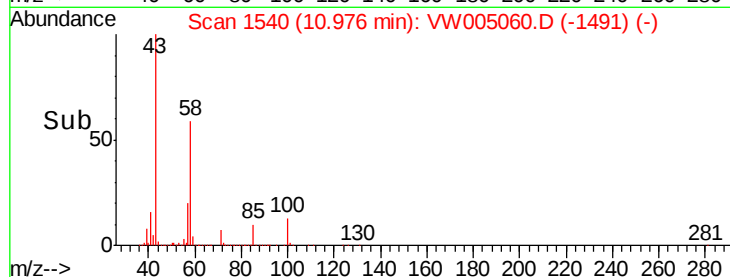
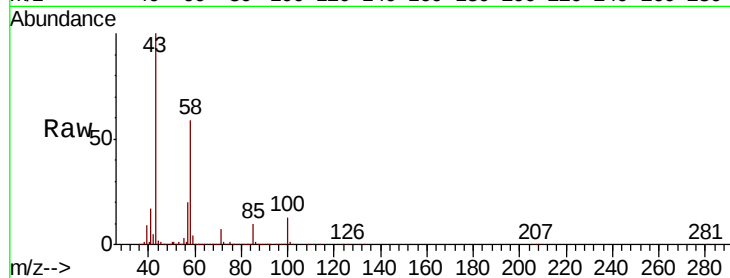




#59
2-Hexanone
Concen: 815.331 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW005060.D
Acq: 01 Sep 2018 02:20

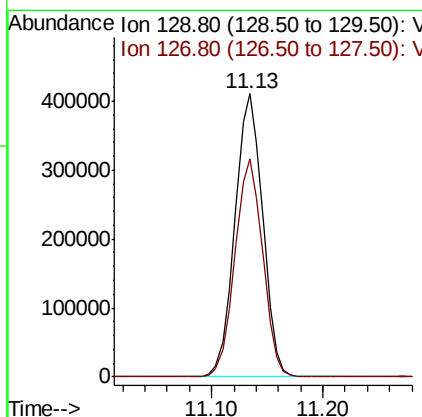
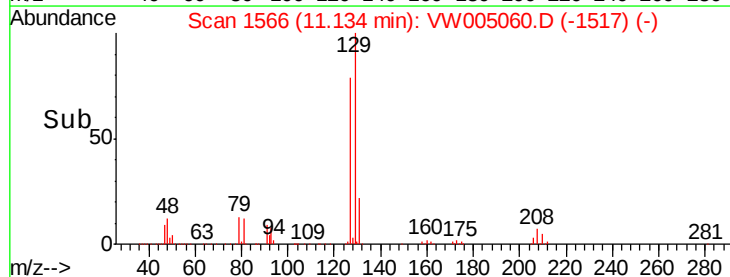
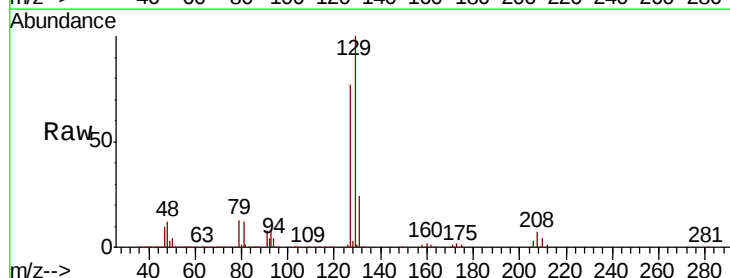
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

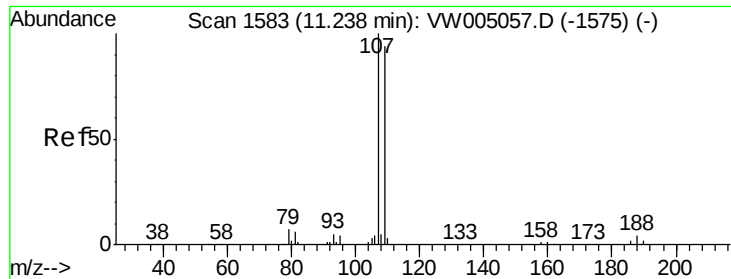
Tgt Ion: 43 Resp: 1779061
Ion Ratio Lower Upper
43 100
58 58.7 28.7 86.3



#60
Dibromochloromethane
Concen: 159.716 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW005060.D
Acq: 01 Sep 2018 02:20

Tgt Ion: 129 Resp: 707174
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.7

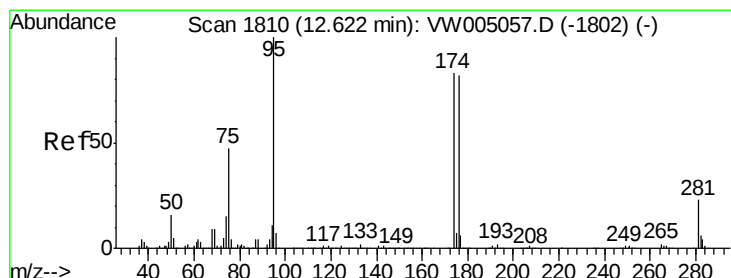
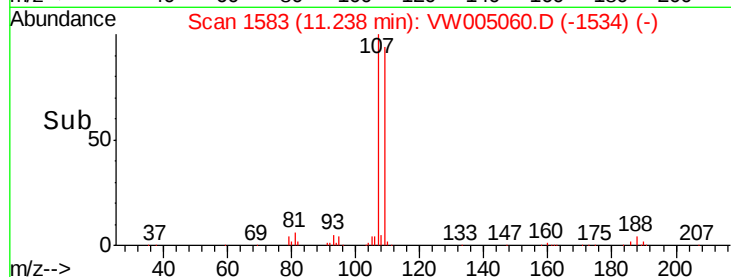
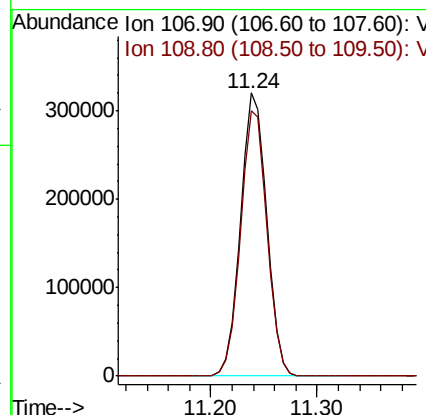
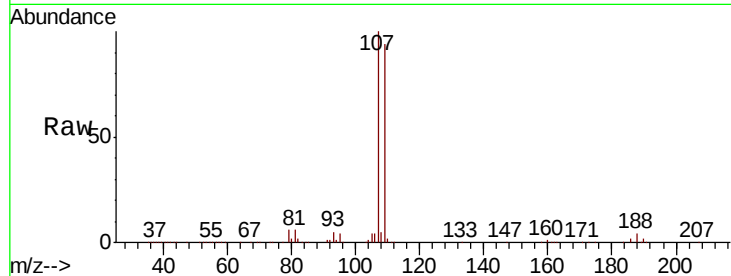




#61
 1,2-Dibromoethane
 Concen: 156.714 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW005060.D
 Acq: 01 Sep 2018 02:20

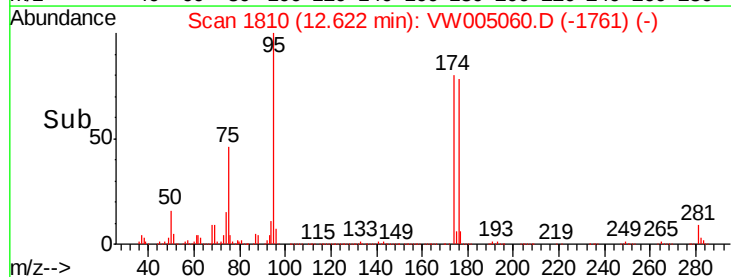
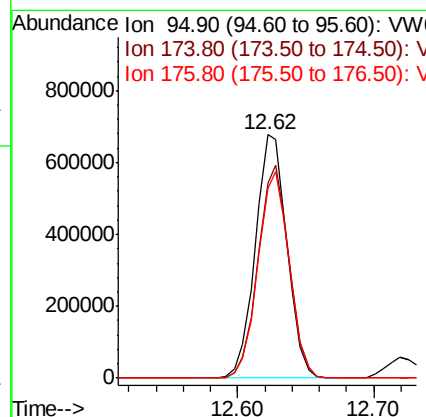
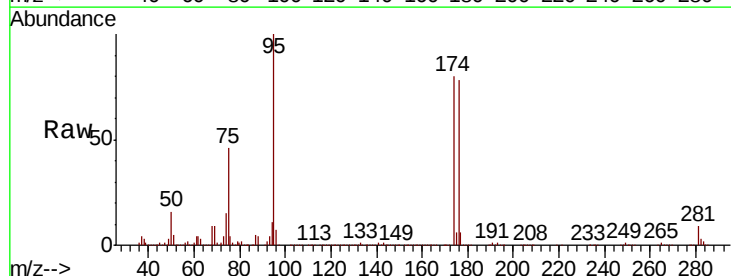
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

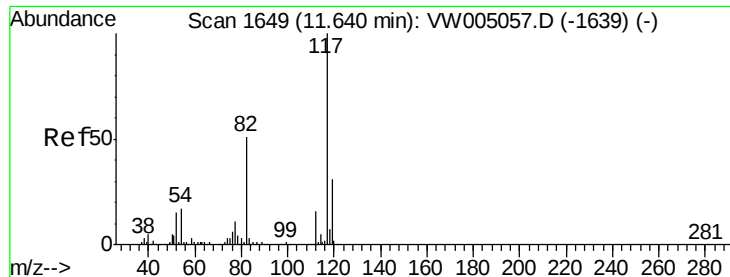
Tgt Ion: 107 Resp: 554128
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 158.290 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW005060.D
 Acq: 01 Sep 2018 02:20

Tgt Ion: 95 Resp: 1103828
 Ion Ratio Lower Upper
 95 100
 174 85.9 0.0 173.4
 176 83.8 0.0 167.4

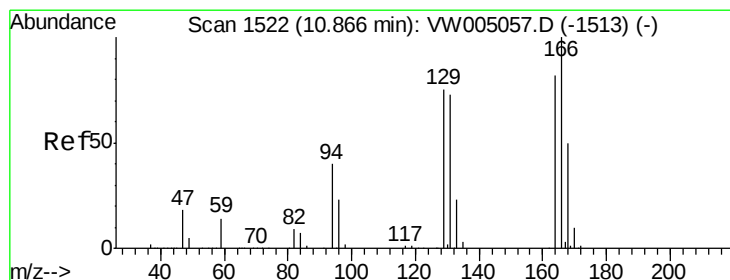
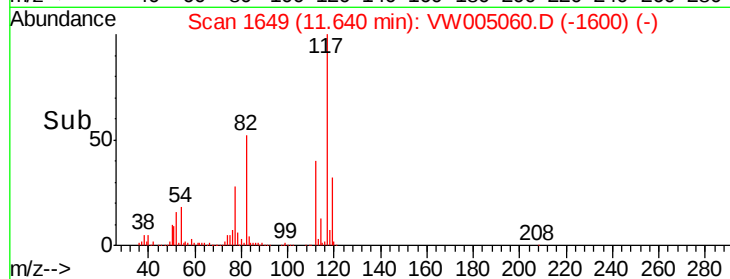
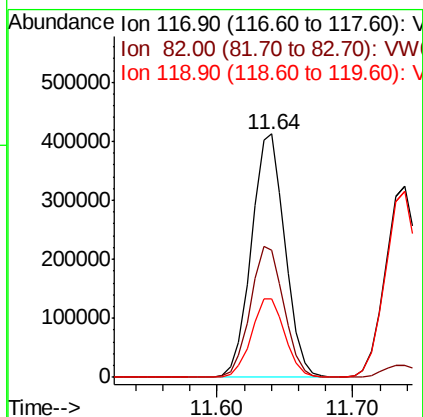
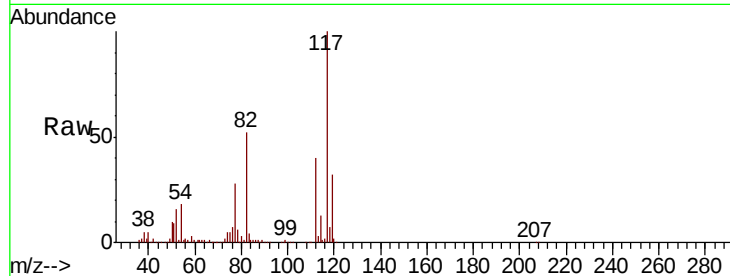




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW005060.D
Acq: 01 Sep 2018 02:20

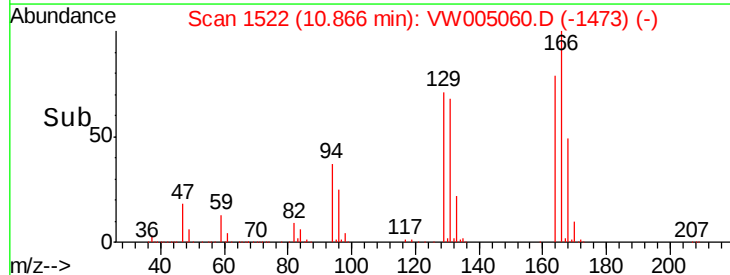
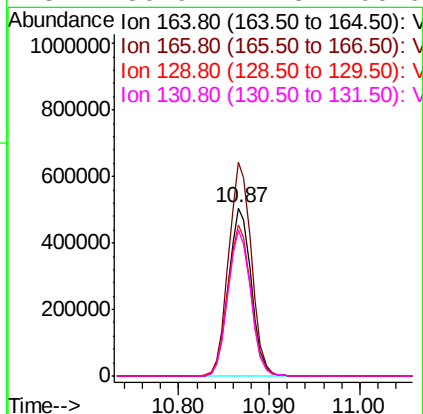
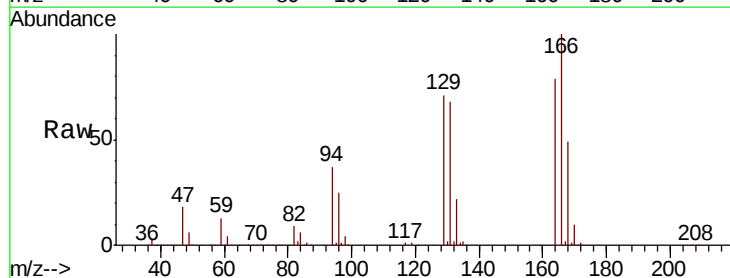
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

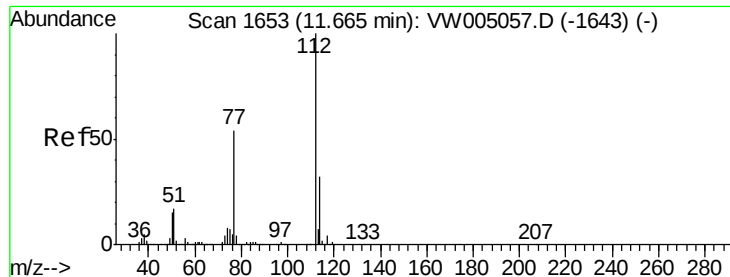
Tgt Ion:117 Resp: 710794
Ion Ratio Lower Upper
117 100
82 52.4 40.9 61.3
119 32.2 24.9 37.3



#64
Tetrachloroethene
Concen: 157.188 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW005060.D
Acq: 01 Sep 2018 02:20

Tgt Ion:164 Resp: 876633
Ion Ratio Lower Upper
164 100
166 127.1 97.3 145.9
129 89.9 73.1 109.7
131 86.9 71.3 106.9





#65

Chlorobenzene

Concen: 157.108 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VW005060.D

Acq: 01 Sep 2018 02:20

Instrument :

MSVOA_W

ClientSampleId :

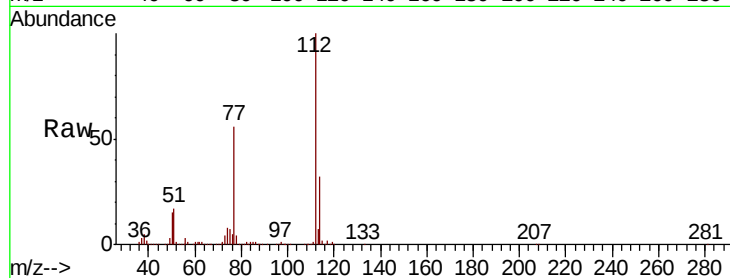
VSTDIC150

Tgt Ion:112 Resp: 2514017

Ion Ratio Lower Upper

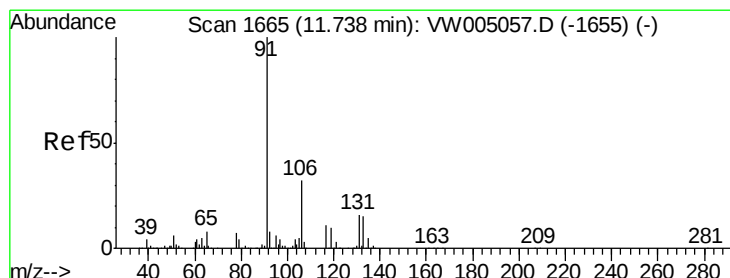
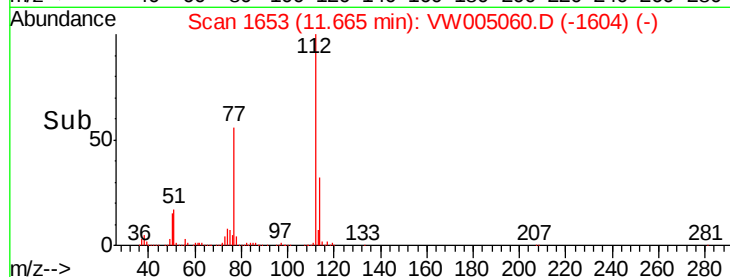
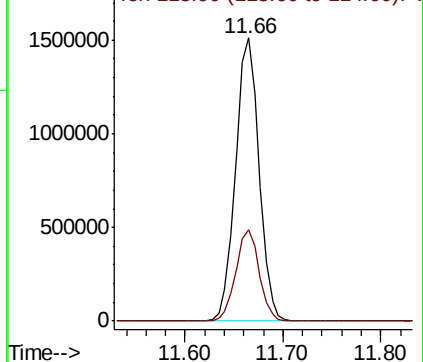
112 100

114 32.5 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 163.525 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW005060.D

Acq: 01 Sep 2018 02:20

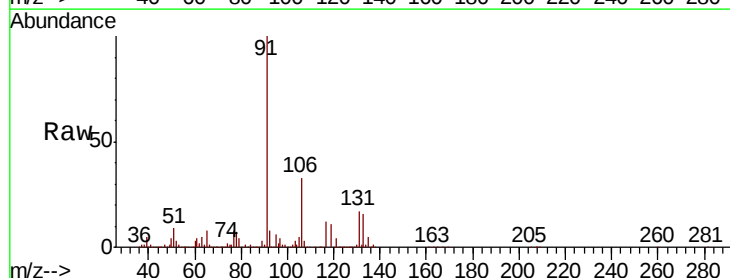
Tgt Ion:131 Resp: 799621

Ion Ratio Lower Upper

131 100

133 95.2 47.4 142.3

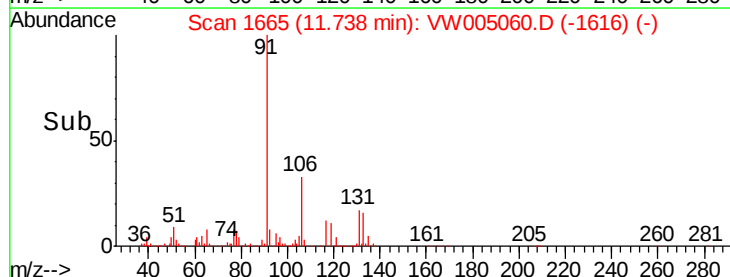
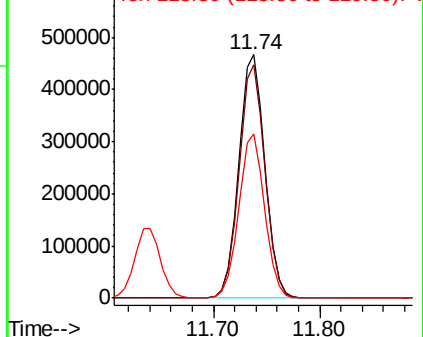
119 67.1 33.4 100.1

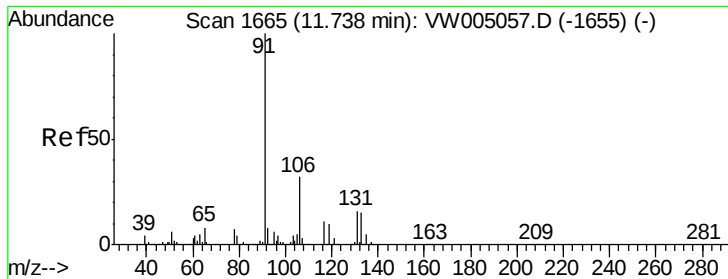


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 165.480 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW005060.D

Acq: 01 Sep 2018 02:20

Instrument :

MSVOA_W

ClientSampleId :

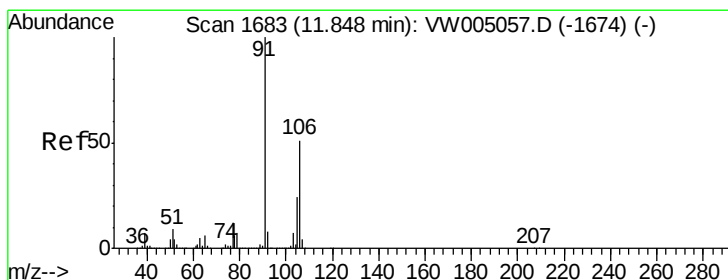
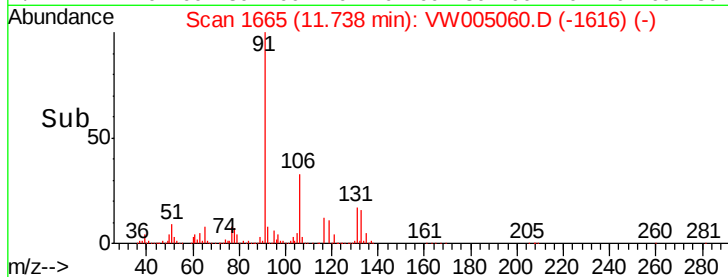
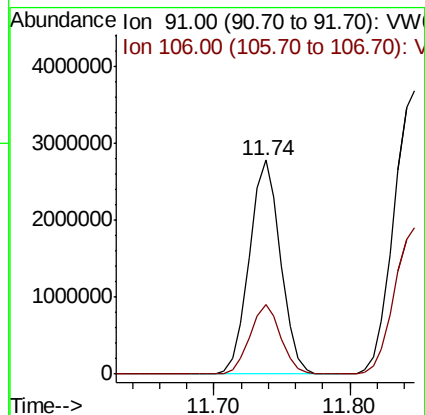
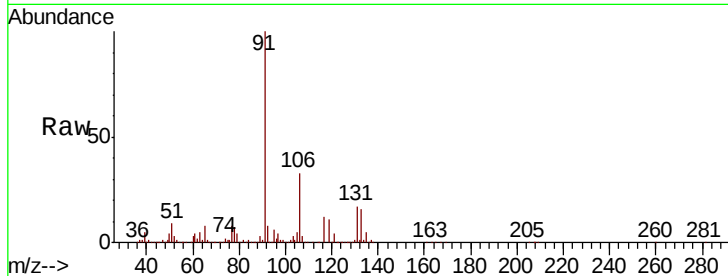
VSTDIC150

Tgt Ion: 91 Resp: 4476475

Ion Ratio Lower Upper

91 100

106 32.5 25.3 37.9



#68

m/p-Xylenes

Concen: 327.996 ug/l

RT: 11.85 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VW005060.D

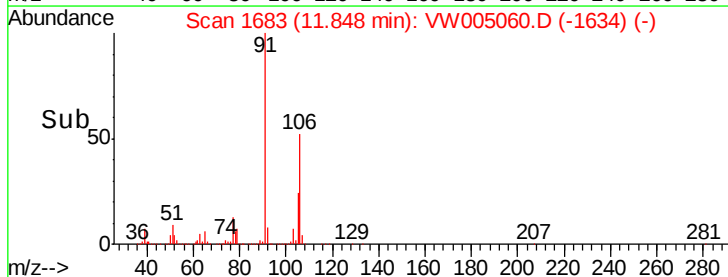
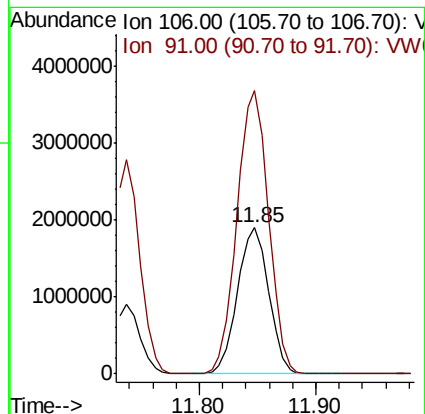
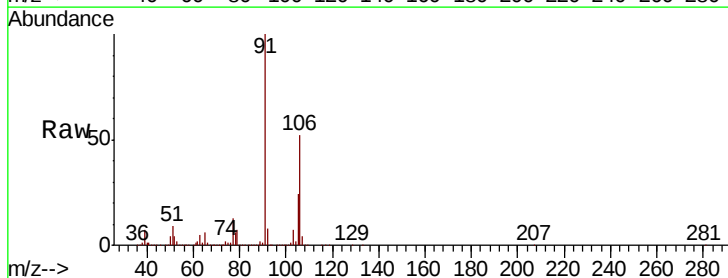
Acq: 01 Sep 2018 02:20

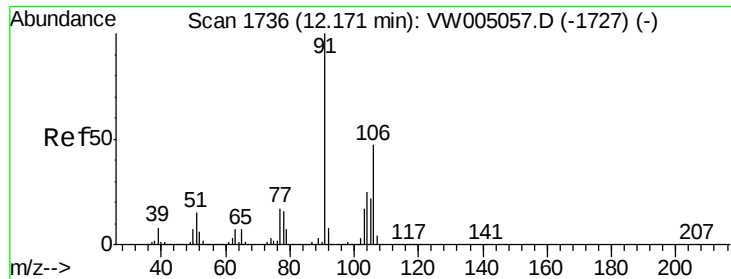
Tgt Ion: 106 Resp: 3552607

Ion Ratio Lower Upper

106 100

91 195.7 158.4 237.6

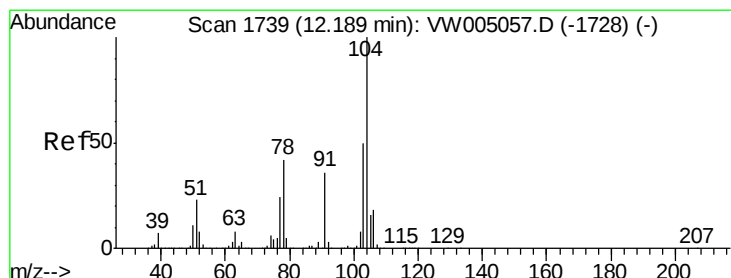
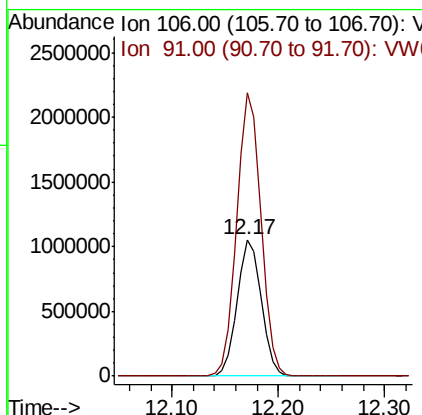
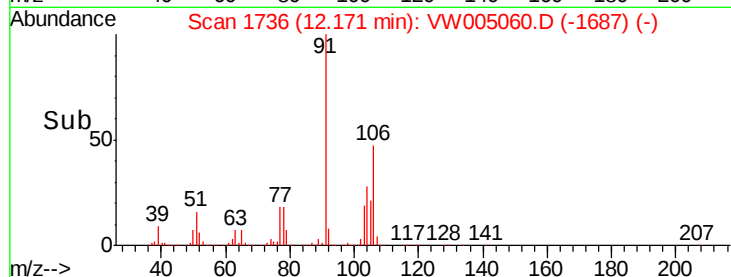
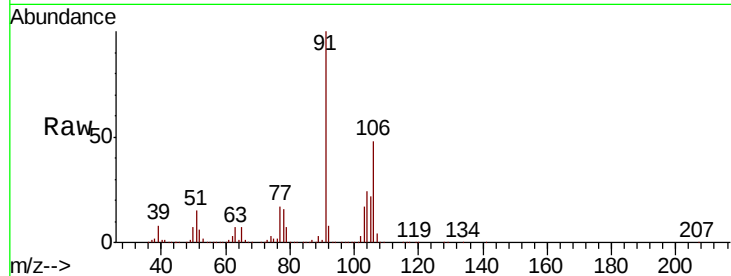




#69
o-Xylene
Concen: 168.215 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW005060.D
Acq: 01 Sep 2018 02:20

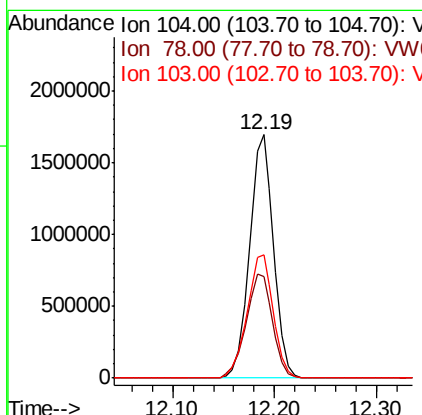
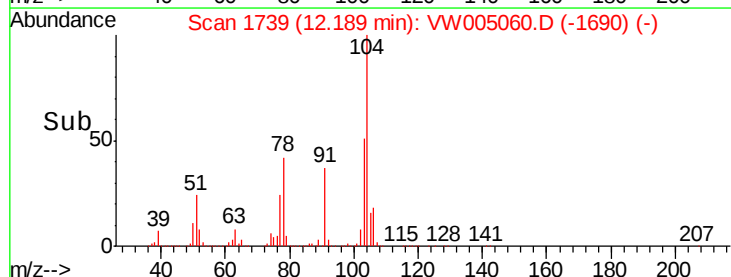
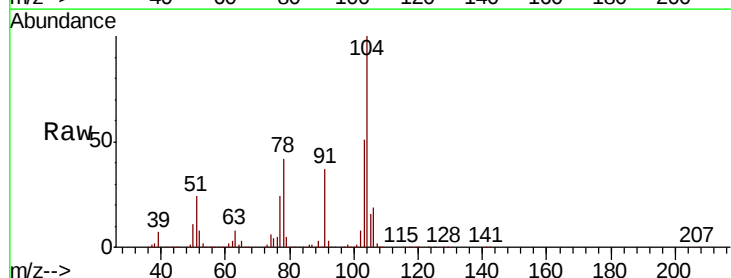
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

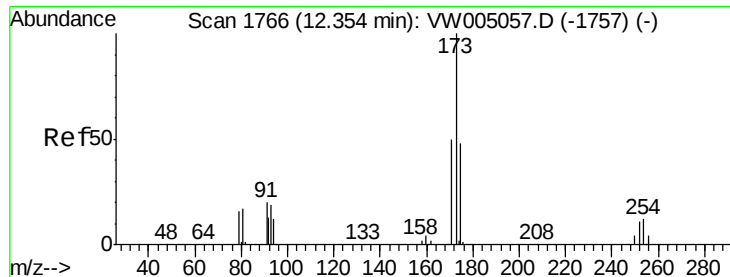
Tgt Ion:106 Resp: 1684524
Ion Ratio Lower Upper
106 100
91 208.2 105.6 316.8



#70
Styrene
Concen: 167.203 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW005060.D
Acq: 01 Sep 2018 02:20

Tgt Ion:104 Resp: 2765889
Ion Ratio Lower Upper
104 100
78 47.4 37.8 56.6
103 55.5 44.1 66.1





#71

Bromoform

Concen: 166.054 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW005060.D

Acq: 01 Sep 2018 02:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

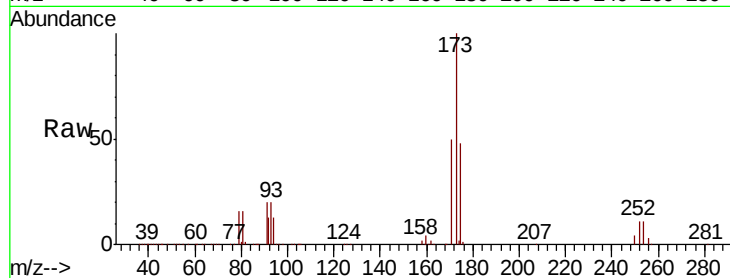
Tgt Ion:173 Resp: 430359

Ion Ratio Lower Upper

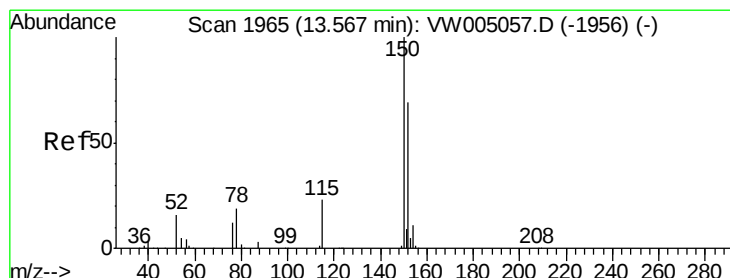
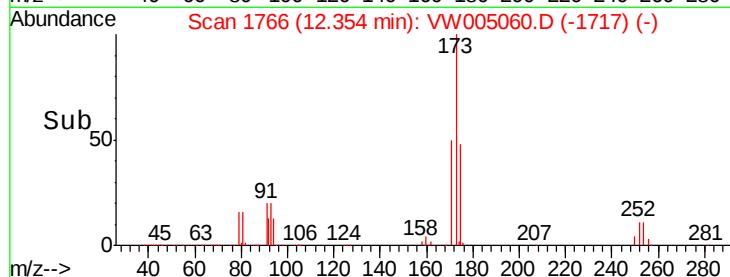
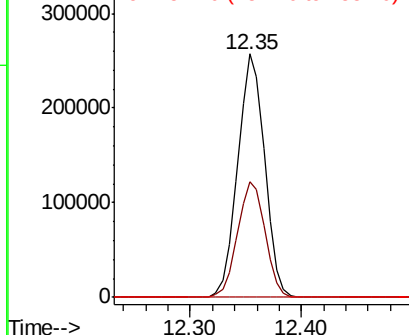
173 100

175 48.6 24.1 72.2

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW005060.D

Acq: 01 Sep 2018 02:20

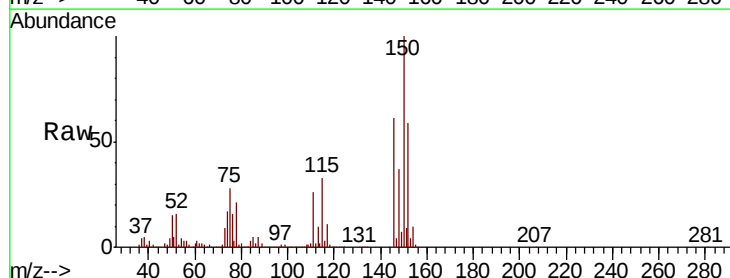
Tgt Ion:152 Resp: 359589

Ion Ratio Lower Upper

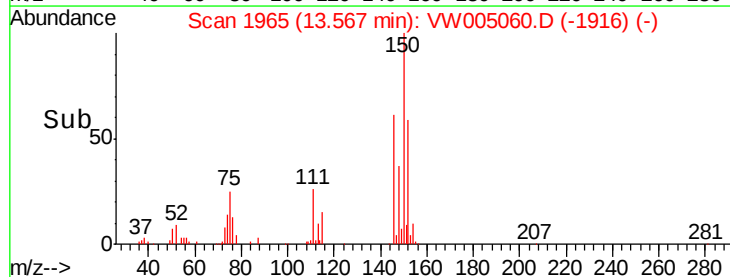
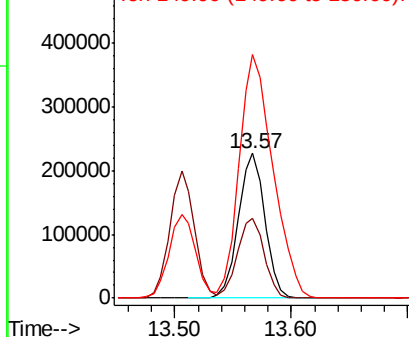
152 100

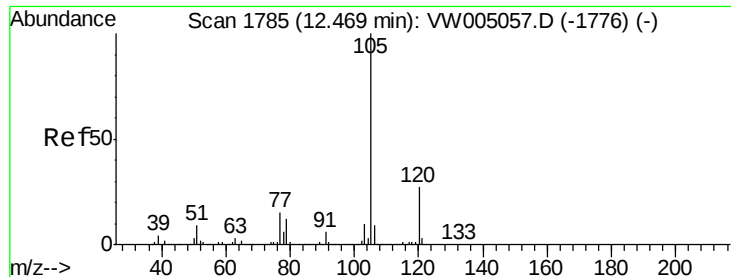
115 55.9 27.8 83.4

150 213.9 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: 177.036 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW005060.D

Acq: 01 Sep 2018 02:20

Instrument :

MSVOA_W

ClientSampleId :

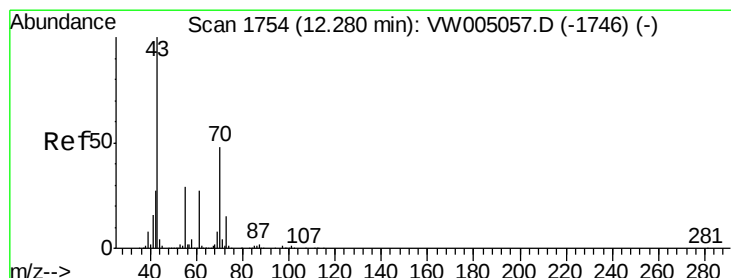
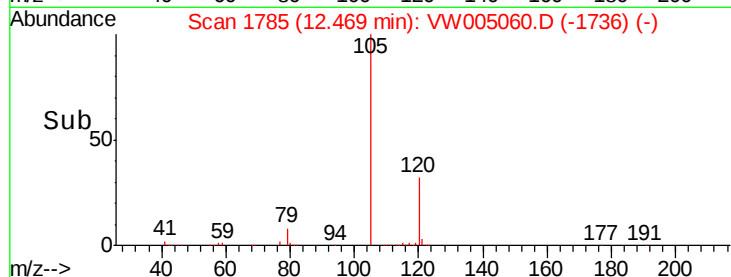
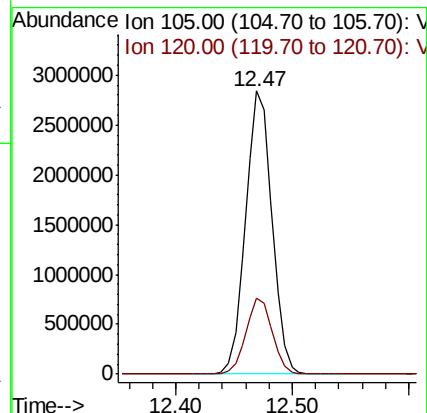
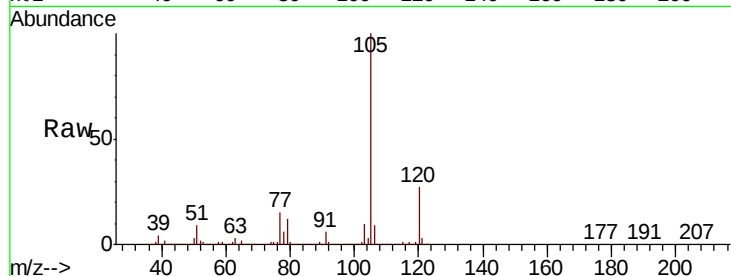
VSTDIC150

Tgt Ion:105 Resp: 4488714

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.1



#74

N-ethyl acetate

Concen: 182.519 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW005060.D

Acq: 01 Sep 2018 02:20

Tgt Ion: 43 Resp: 796841

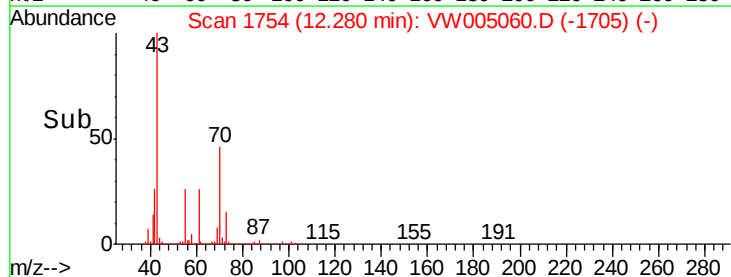
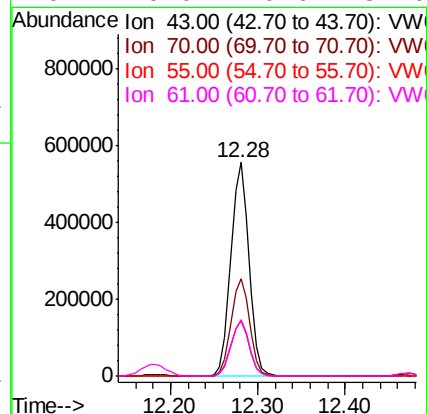
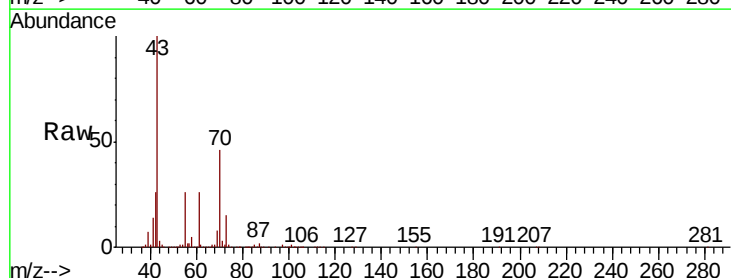
Ion Ratio Lower Upper

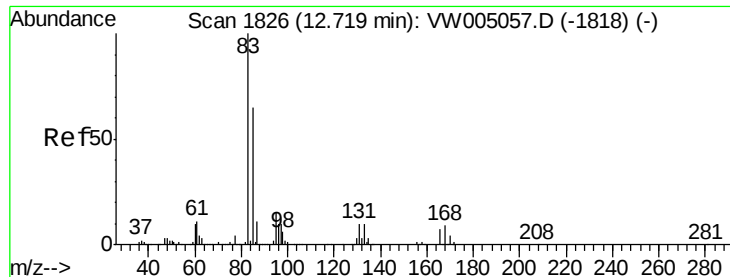
43 100

70 46.5 38.2 57.4

55 26.5 23.2 34.8

61 26.0 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 164.862 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW005060.D

Acq: 01 Sep 2018 02:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

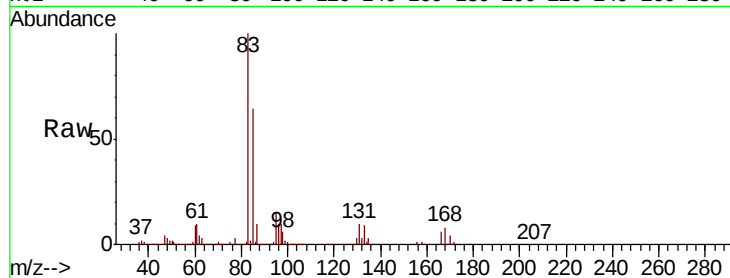
Tgt Ion: 83 Resp: 636341

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.4

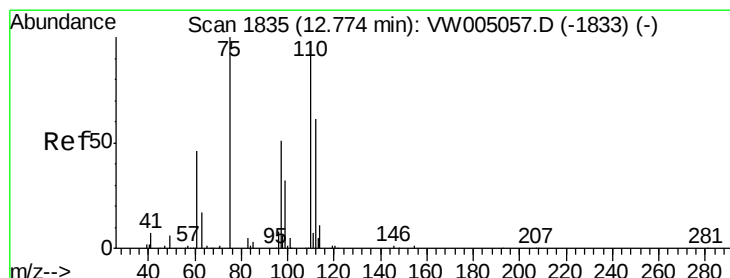
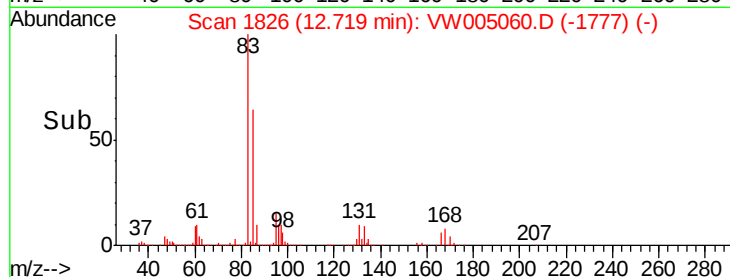
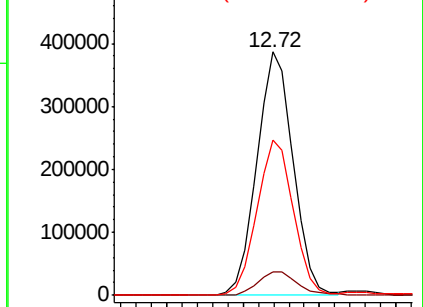
85 64.1 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 315.494 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW005060.D

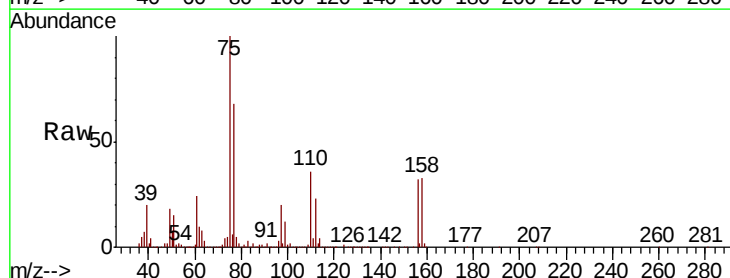
Acq: 01 Sep 2018 02:20

Tgt Ion: 75 Resp: 851567

Ion Ratio Lower Upper

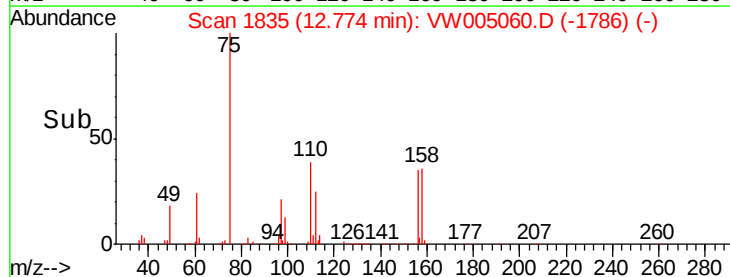
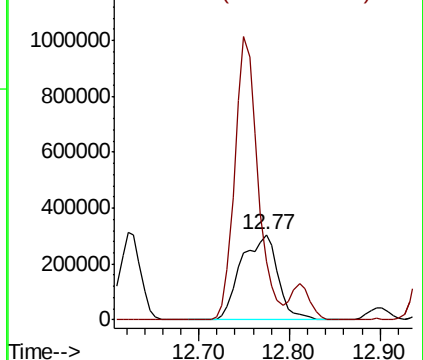
75 100

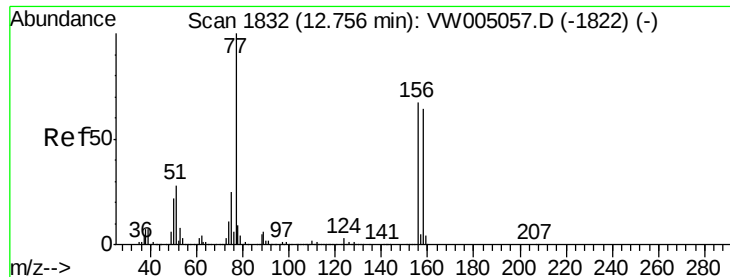
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 165.653 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VW005060.D

Acq: 01 Sep 2018 02:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

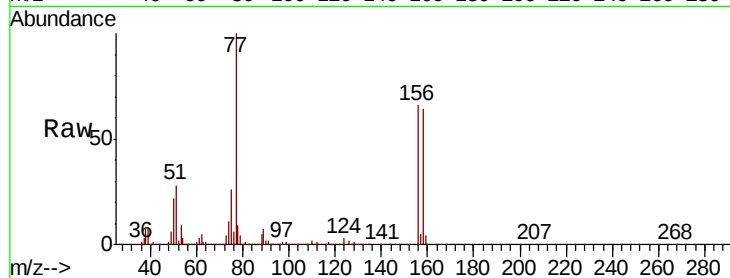
Tgt Ion:156 Resp: 1034909

Ion Ratio Lower Upper

156 100

77 173.6 85.8 257.4

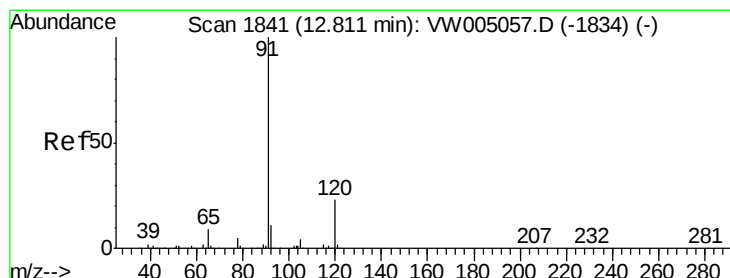
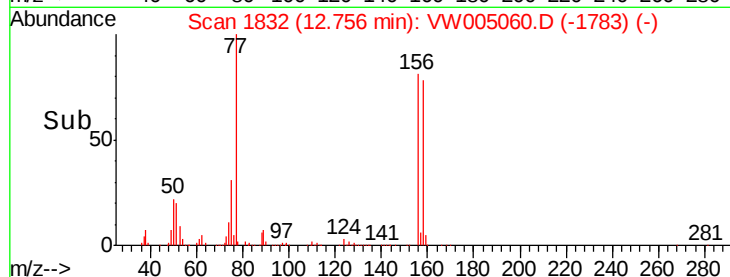
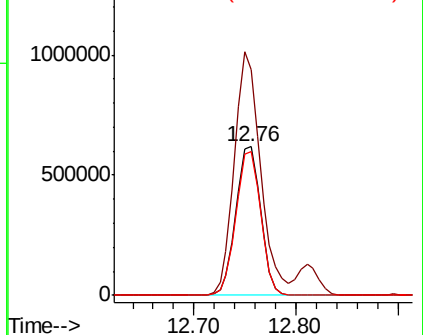
158 97.2 48.1 144.4



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: 172.934 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW005060.D

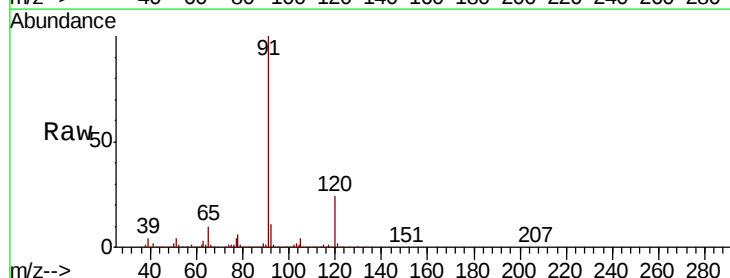
Acq: 01 Sep 2018 02:20

Tgt Ion: 91 Resp: 5293226

Ion Ratio Lower Upper

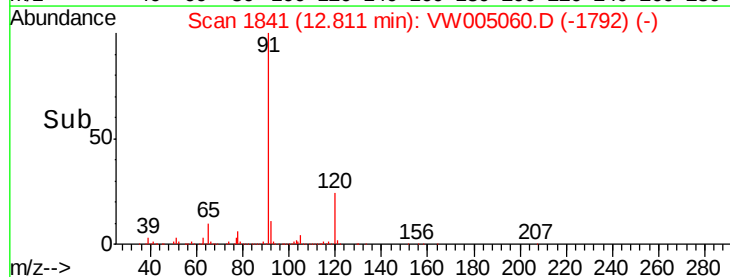
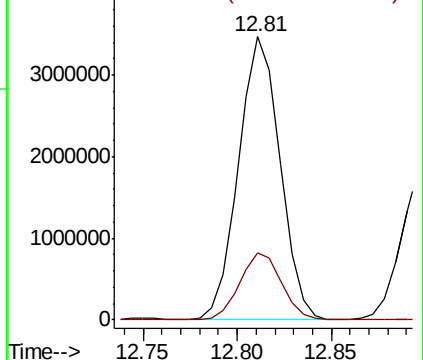
91 100

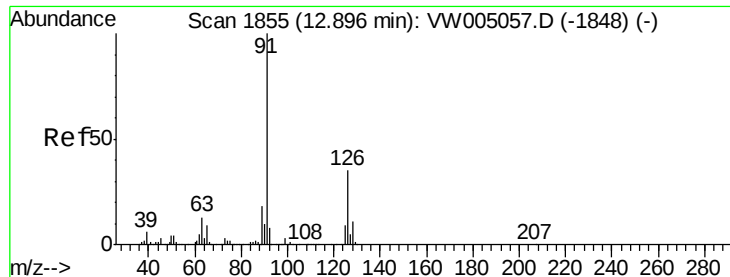
120 23.9 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 169.133 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005060.D

Acq: 01 Sep 2018 02:20

Instrument :

MSVOA_W

ClientSampleId :

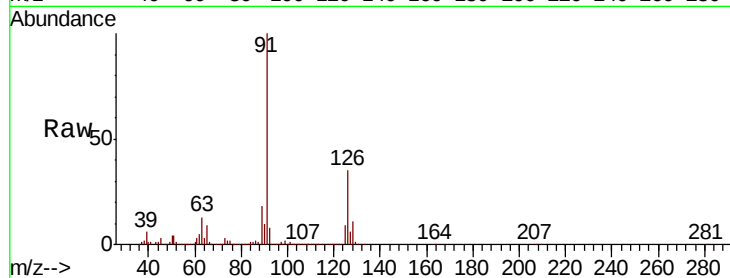
VSTDIC150

Tgt Ion: 91 Resp: 3020281

Ion Ratio Lower Upper

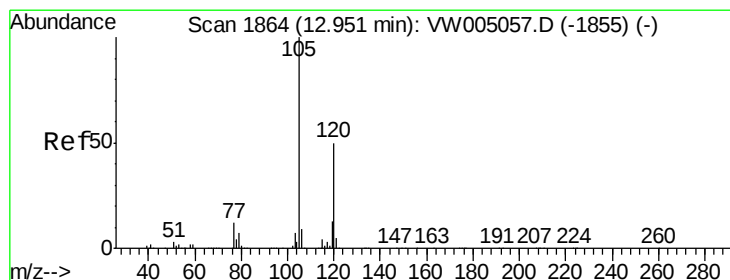
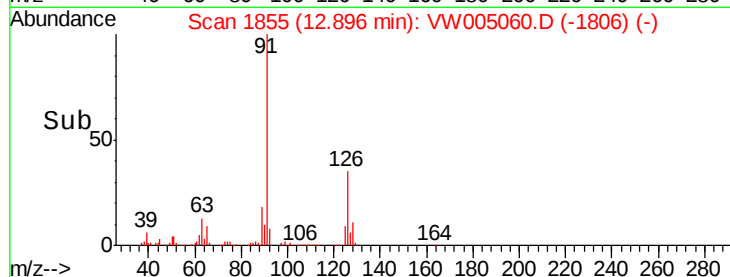
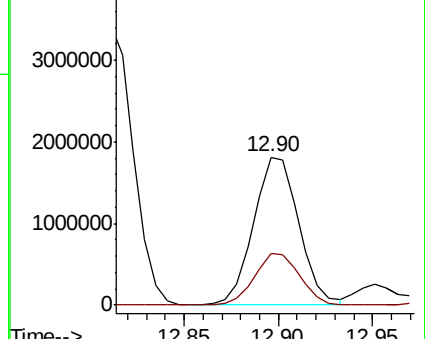
91 100

126 34.7 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 173.466 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW005060.D

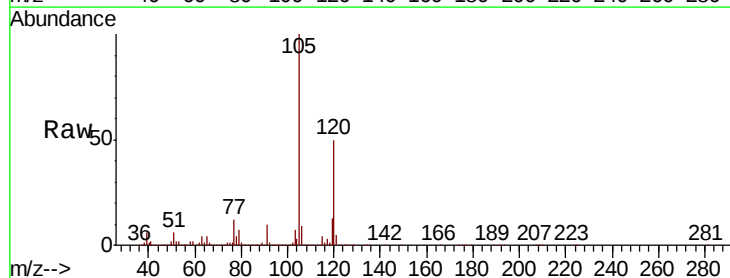
Acq: 01 Sep 2018 02:20

Tgt Ion: 105 Resp: 3803495

Ion Ratio Lower Upper

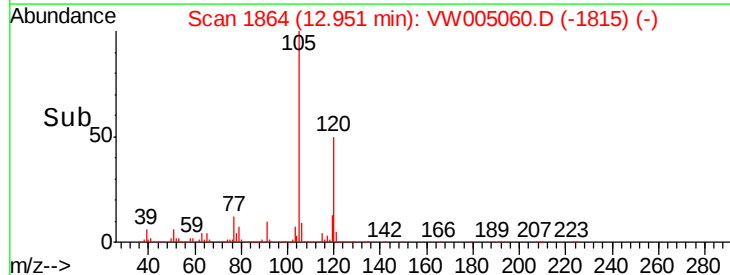
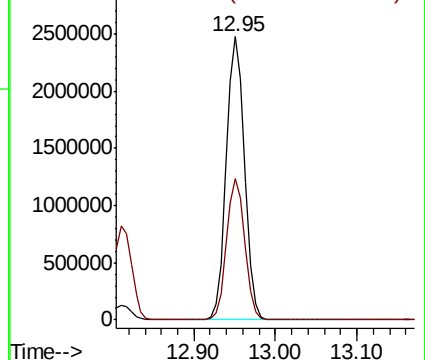
105 100

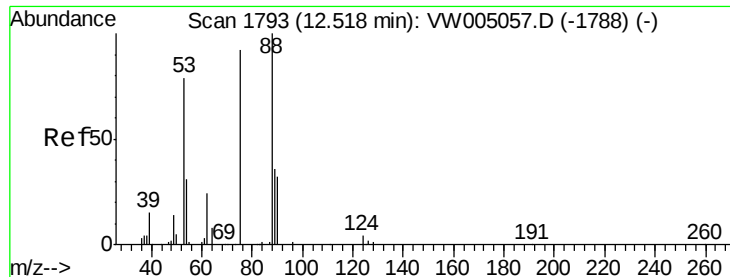
120 49.8 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 180.090 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW005060.D

Acq: 01 Sep 2018 02:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

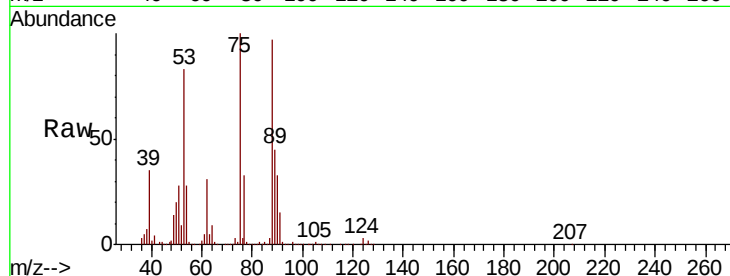
Tgt Ion: 75 Resp: 201958

Ion Ratio Lower Upper

75 100

53 81.9 69.8 104.8

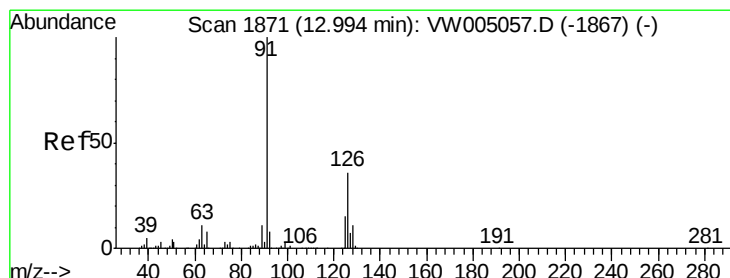
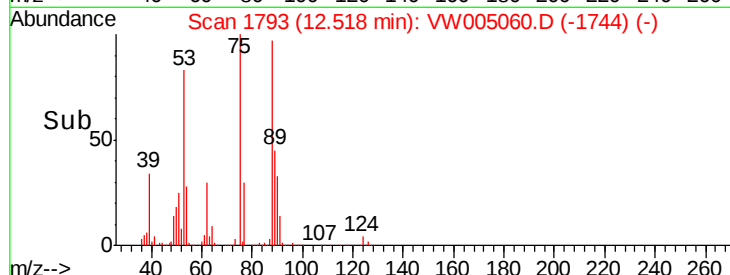
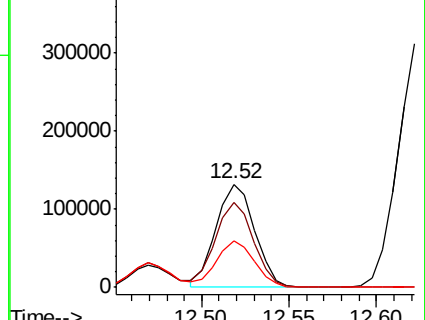
89 44.7 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 164.909 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VW005060.D

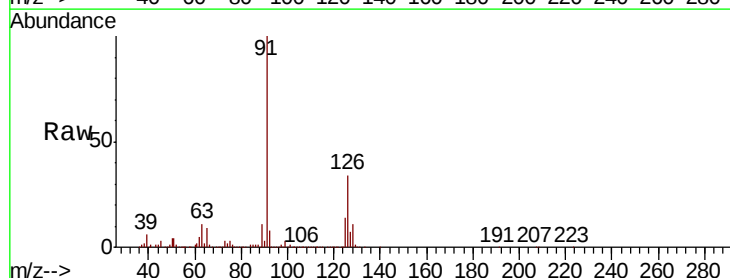
Acq: 01 Sep 2018 02:20

Tgt Ion: 91 Resp: 3109627

Ion Ratio Lower Upper

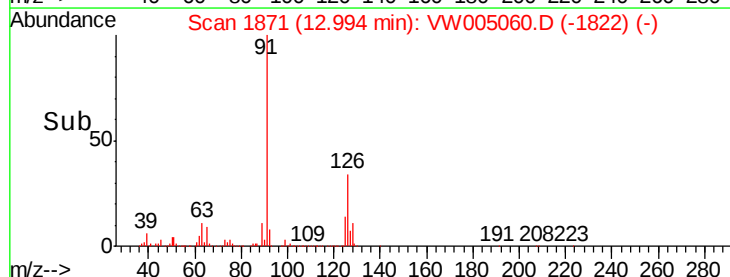
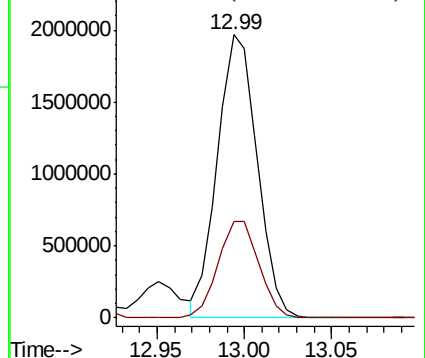
91 100

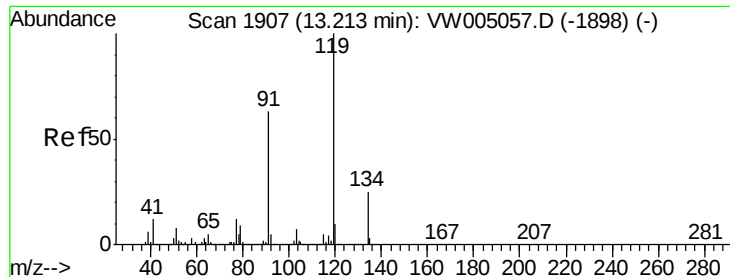
126 35.0 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

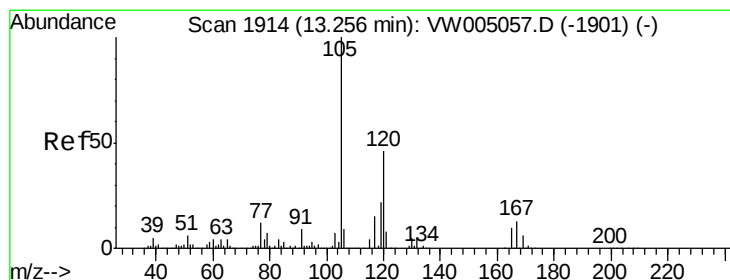
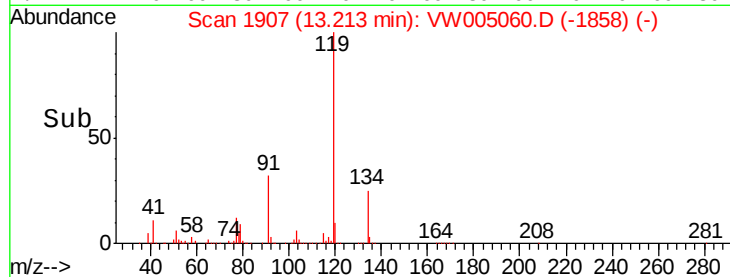
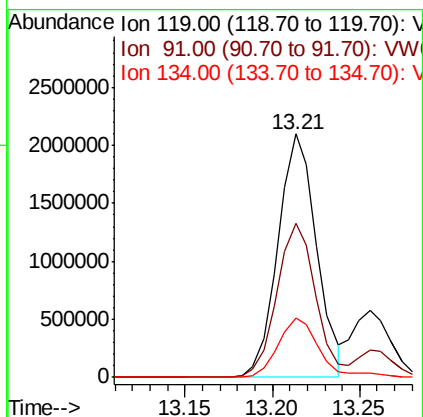
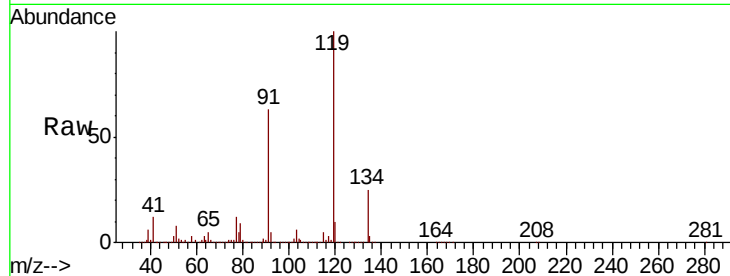




#83
 tert-Butylbenzene
 Concen: 176.753 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VW005060.D
 Acq: 01 Sep 2018 02:20

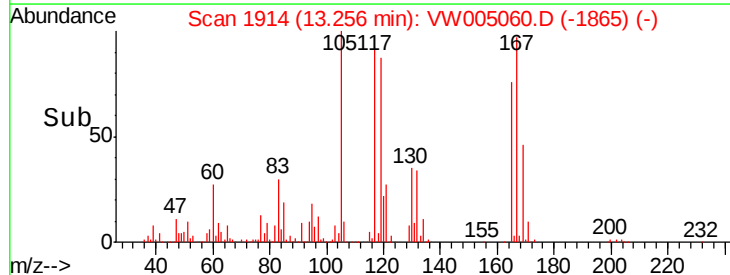
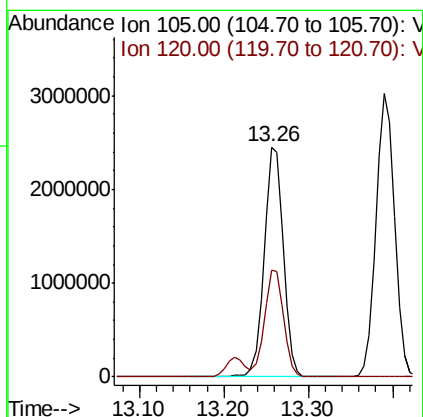
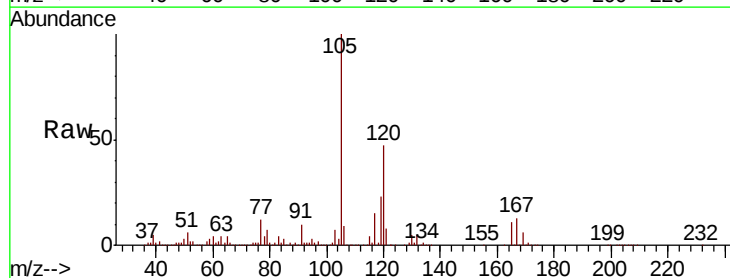
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC150

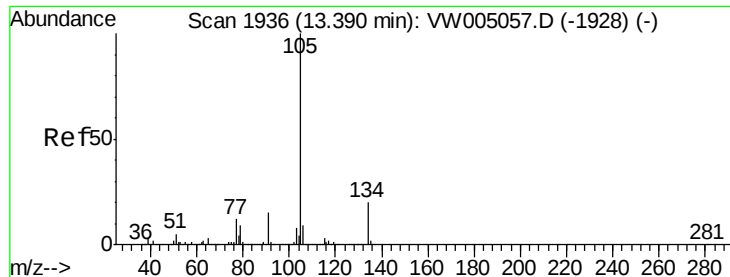
Tgt Ion:119 Resp: 3236503
 Ion Ratio Lower Upper
 119 100
 91 63.8 31.8 95.4
 134 26.2 13.0 39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 172.302 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW005060.D
 Acq: 01 Sep 2018 02:20

Tgt Ion:105 Resp: 3847577
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.1 69.3

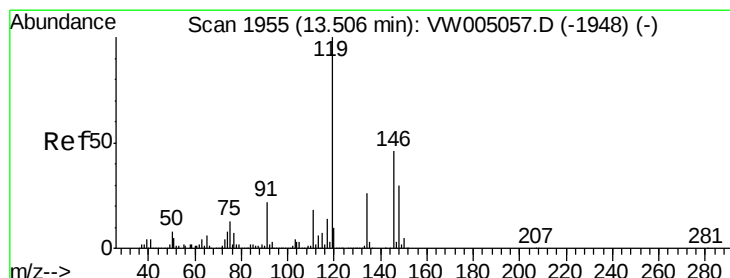
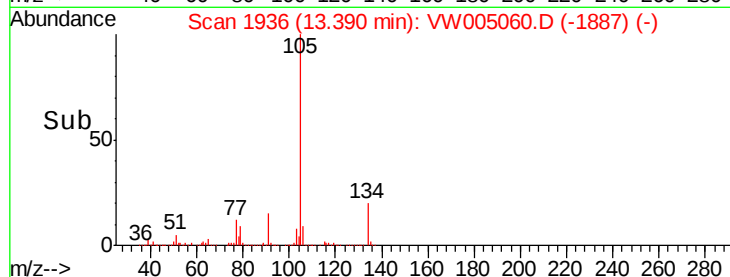
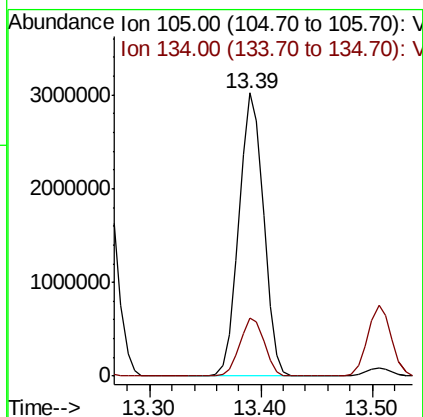
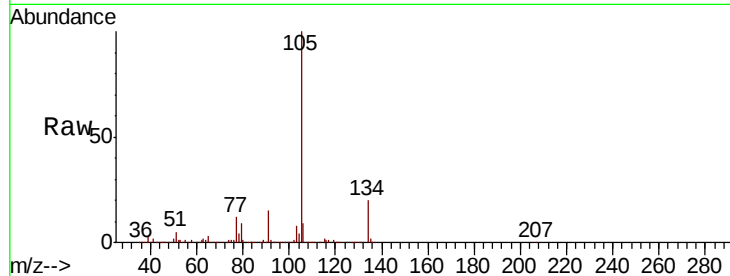




#85
 sec-Butylbenzene
 Concen: 172.271 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW005060.D
 Acq: 01 Sep 2018 02:20

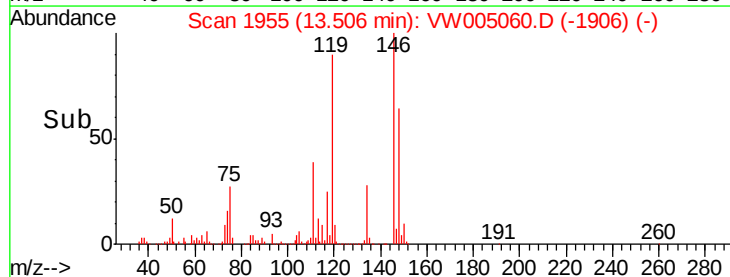
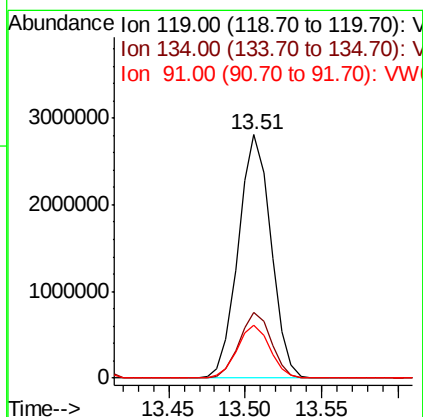
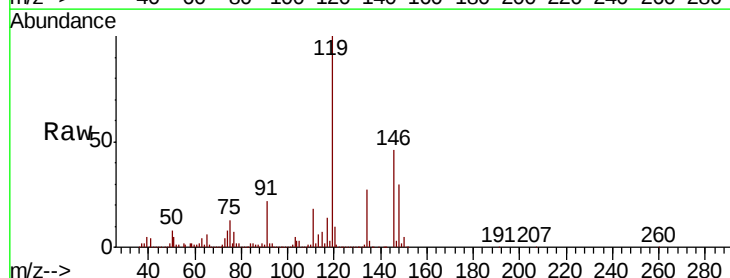
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

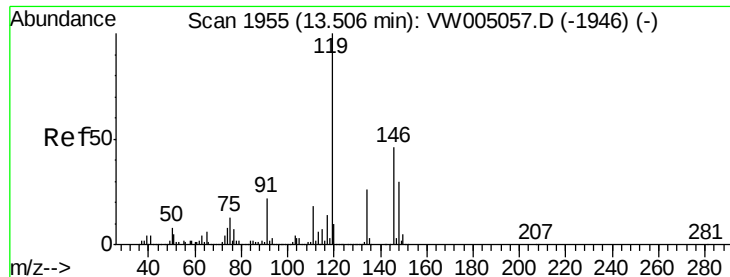
Tgt Ion:105 Resp: 4635760
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 174.571 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW005060.D
 Acq: 01 Sep 2018 02:20

Tgt Ion:119 Resp: 4158366
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.8
 91 21.9 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 159.688 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW005060.D

Acq: 01 Sep 2018 02:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

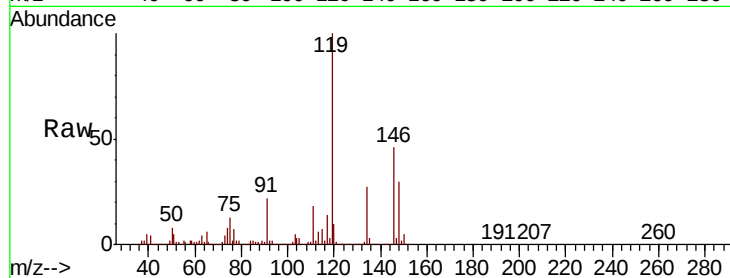
Tgt Ion:146 Resp: 2049278

Ion Ratio Lower Upper

146 100

111 38.7 19.2 57.6

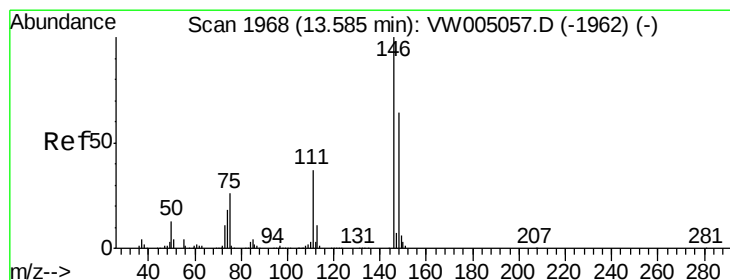
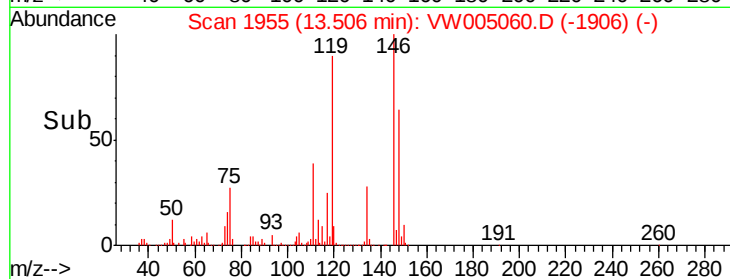
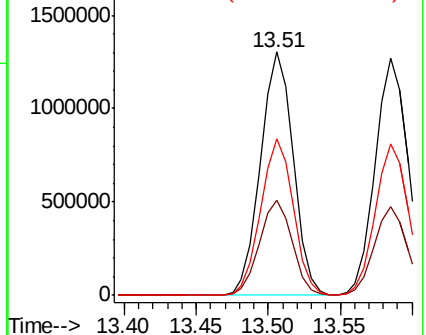
148 63.9 31.9 95.7



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: 156.385 ug/l

RT: 13.59 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VW005060.D

Acq: 01 Sep 2018 02:20

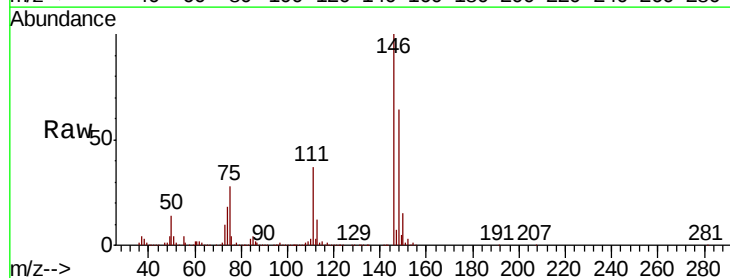
Tgt Ion:146 Resp: 1990802

Ion Ratio Lower Upper

146 100

111 37.2 18.6 56.0

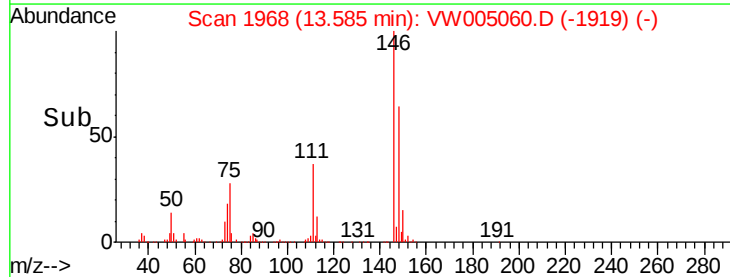
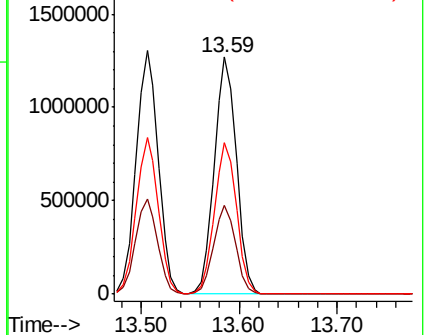
148 64.0 32.0 96.0

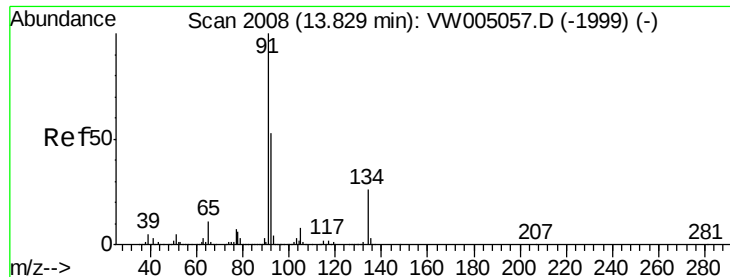


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 173.531 ug/l

RT: 13.83 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VW005060.D

Acq: 01 Sep 2018 02:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

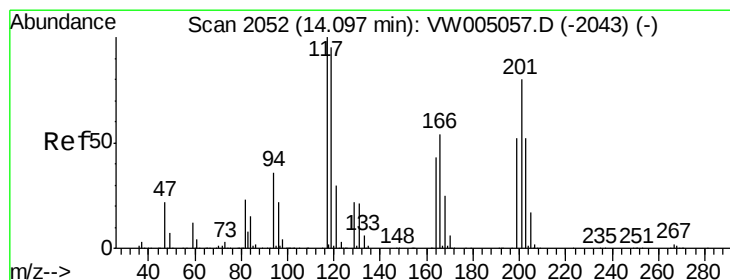
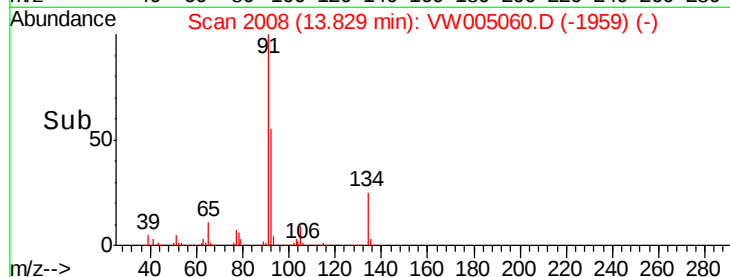
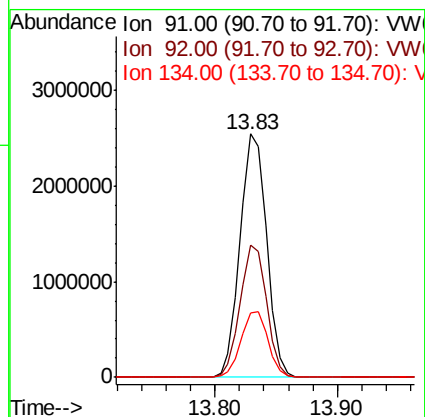
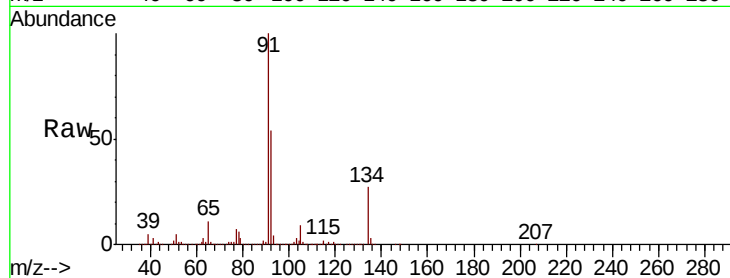
Tgt Ion: 91 Resp: 3830898

Ion Ratio Lower Upper

91 100

92 53.9 26.5 79.5

134 27.2 13.5 40.4



#90

Hexachloroethane

Concen: 174.189 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.01 min

Lab File: VW005060.D

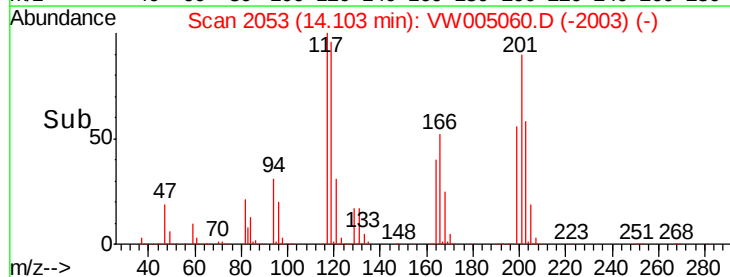
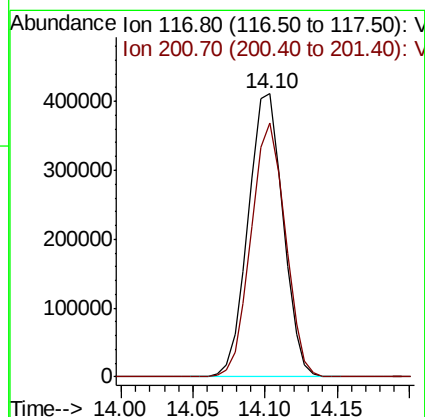
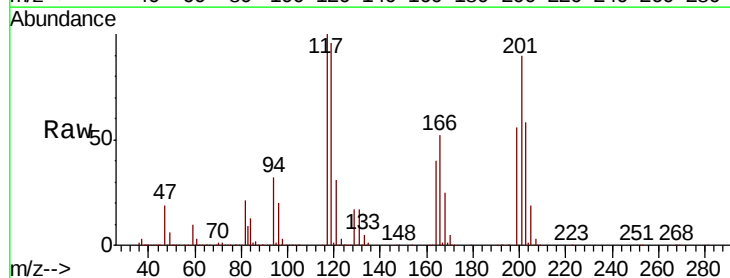
Acq: 01 Sep 2018 02:20

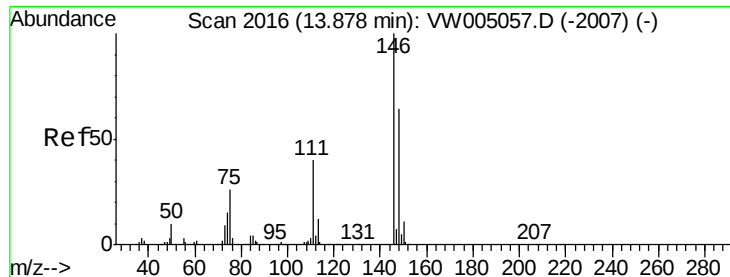
Tgt Ion: 117 Resp: 689223

Ion Ratio Lower Upper

117 100

201 88.0 44.6 133.8





#91

1,2-Dichlorobenzene

Concen: 155.370 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. -0.00 min

Lab File: VW005060.D

Acq: 01 Sep 2018 02:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

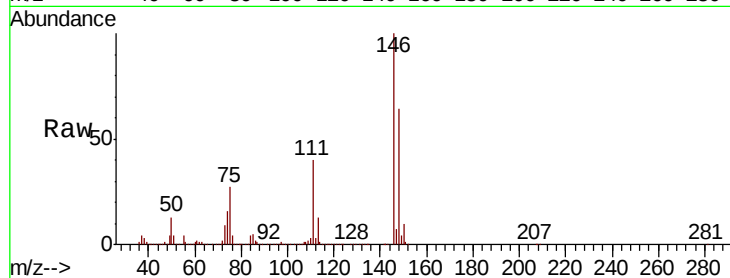
Tgt Ion:146 Resp: 1737865

Ion Ratio Lower Upper

146 100

111 40.1 19.9 59.7

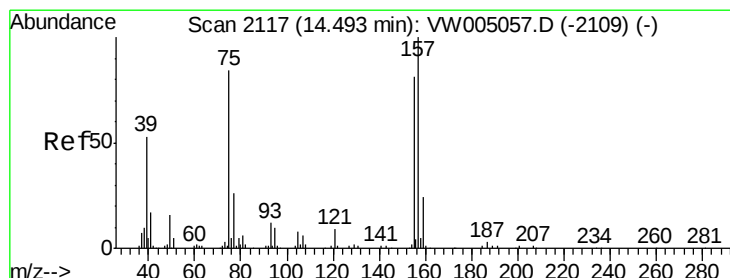
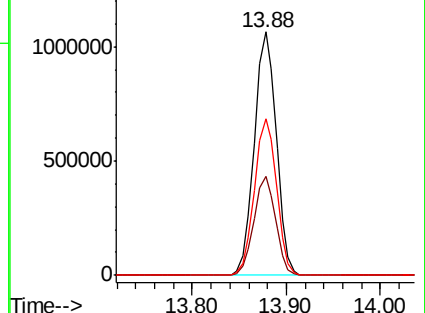
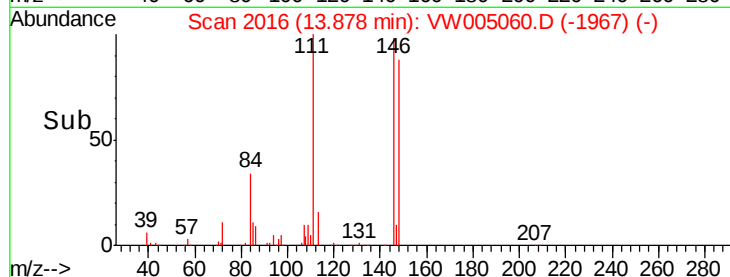
148 64.5 31.9 95.9



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 154.726 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VW005060.D

Acq: 01 Sep 2018 02:20

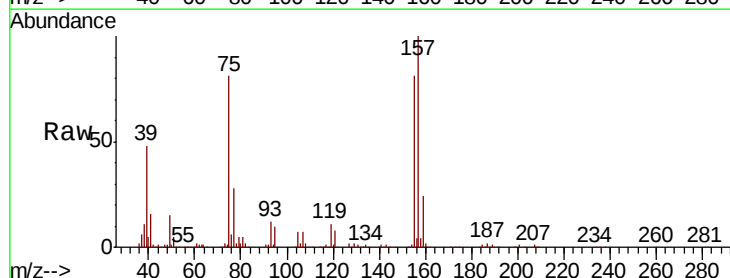
Tgt Ion: 75 Resp: 93327

Ion Ratio Lower Upper

75 100

155 94.3 46.0 137.8

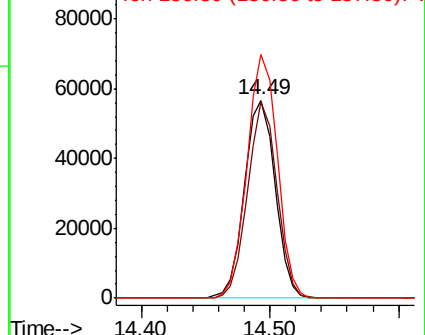
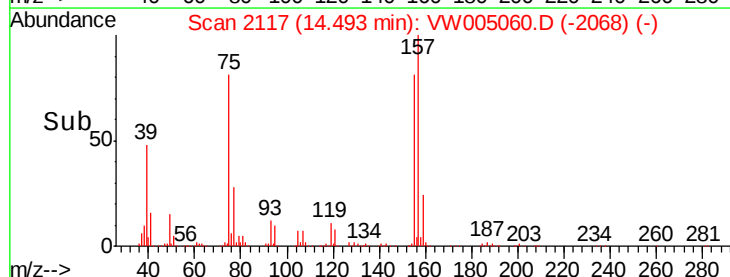
157 121.4 58.6 175.7

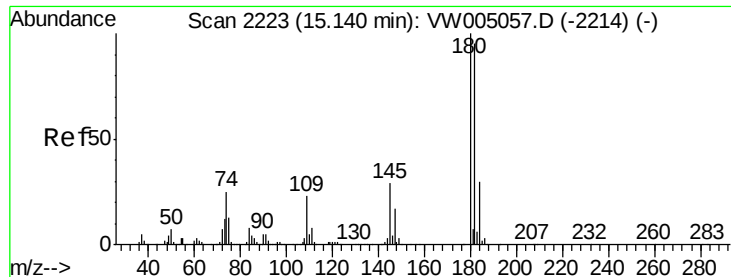


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

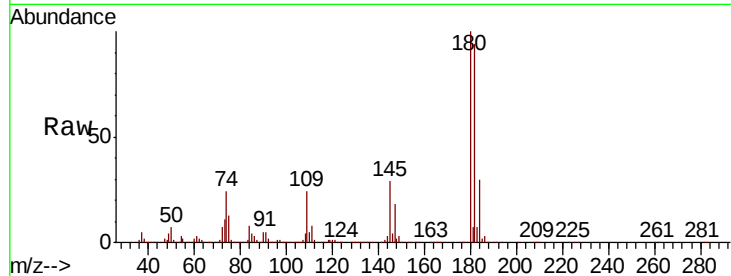




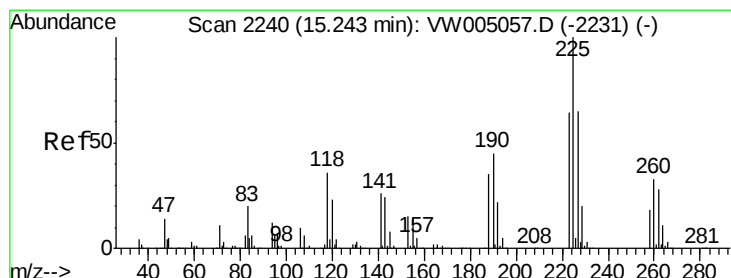
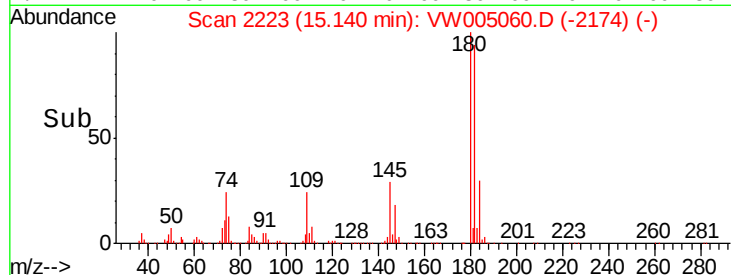
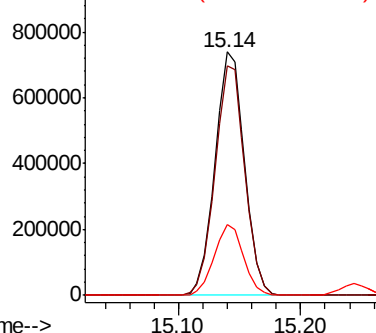
#93
 1,2,4-Trichlorobenzene
 Concen: 164.790 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: VW005060.D
 Acq: 01 Sep 2018 02:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion:180 Resp: 1235922
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.5 142.6
 145 29.0 14.4 43.2

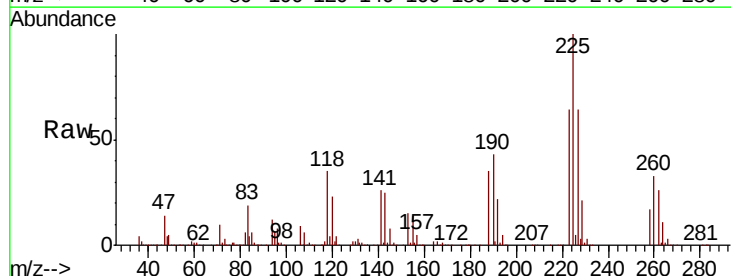


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

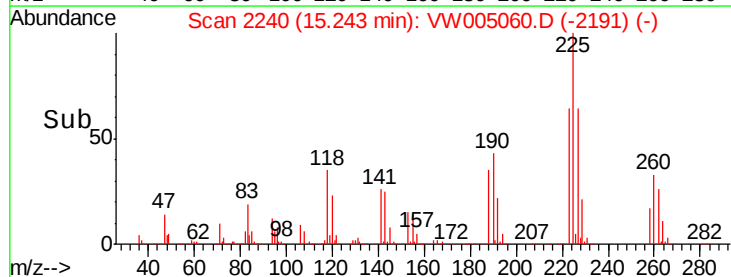
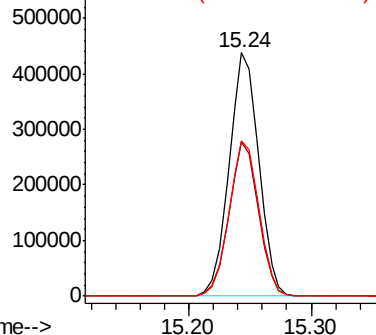


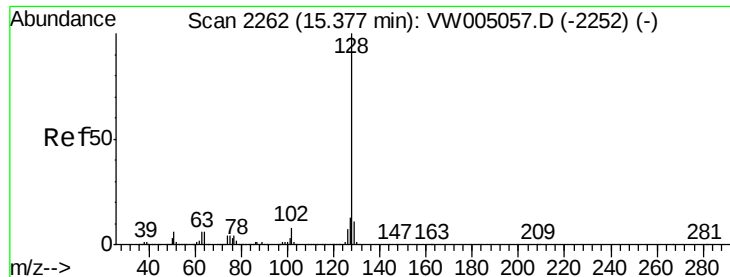
#94
 Hexachlorobutadiene
 Concen: 158.654 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VW005060.D
 Acq: 01 Sep 2018 02:20

Tgt Ion:225 Resp: 740061
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.4 94.3
 227 64.1 32.0 96.0



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

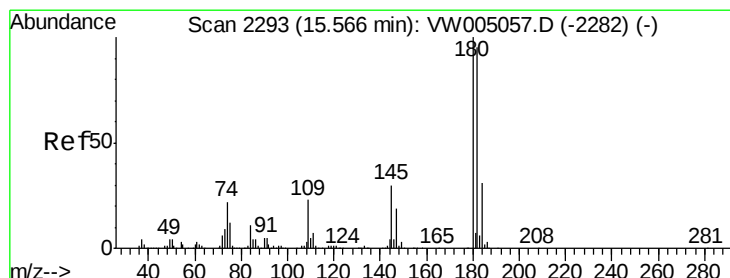
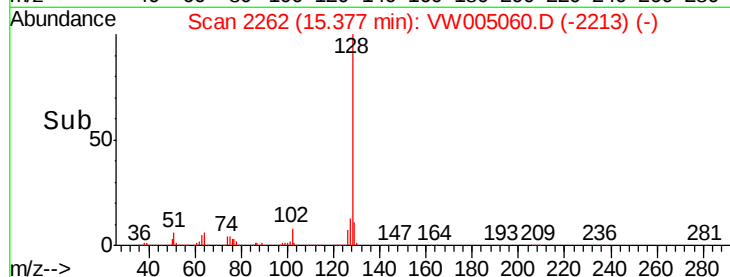
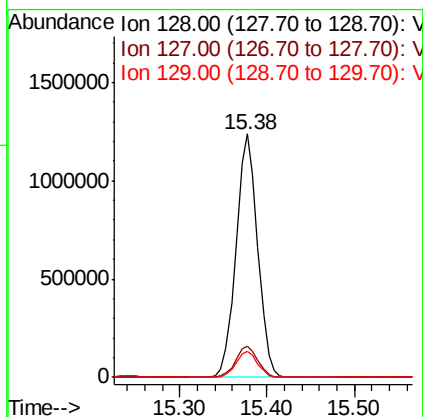
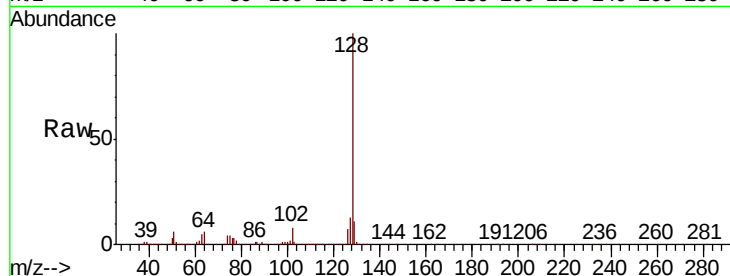




#95
Naphthalene
Concen: 155.068 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW005060.D
Acq: 01 Sep 2018 02:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 2128247
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 163.401 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW005060.D
Acq: 01 Sep 2018 02:20

Tgt Ion:180 Resp: 1048793
Ion Ratio Lower Upper
180 100
182 96.1 47.4 142.3
145 30.8 15.4 46.1

