

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080818\
 Data File : VW004522.D
 Acq On : 08 Aug 2018 04:30
 Operator : SY/AP
 Sample : J4351-02MS
 Misc : 10.78G/5ML/MSVOA_W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-03-1-2MS

Quant Time: Aug 08 08:40:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	584222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	906698	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	848816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	436538	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	350691	54.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.46%	
35) Dibromofluoromethane	7.88	113	316430	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
50) Toluene-d8	10.33	98	1204465	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	
62) 4-Bromofluorobenzene	12.62	95	422465	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	205485	51.252	ug/l	97
3) Chloromethane	2.21	50	262313	46.963	ug/l	97
4) Vinyl Chloride	2.37	62	423658	54.297	ug/l	96
5) Bromomethane	2.78	94	239153	52.639	ug/l	98
6) Chloroethane	2.93	64	257603	55.252	ug/l	96
7) Trichlorofluoromethane	3.25	101	167476	58.114	ug/l	98
8) Diethyl Ether	3.68	74	206636	56.682	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	349919	54.973	ug/l	100
10) Methyl Iodide	4.27	142	510801	53.487	ug/l	99
11) Tert butyl alcohol	5.24	59	112978	298.360	ug/l #	83
12) 1,1-Dichloroethene	4.04	96	341691	53.333	ug/l	99
13) Acrolein	3.90	56	71187	153.435	ug/l	96
14) Allyl chloride	4.67	41	532939	55.366	ug/l	99
15) Acrylonitrile	5.38	53	514468	317.565	ug/l	100
16) Acetone	4.15	43	564962	349.807	ug/l	99
17) Carbon Disulfide	4.38	76	1107302	53.780	ug/l	100
18) Methyl Acetate	4.68	43	422372	104.878	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	515689	59.010	ug/l	97
20) Methylene Chloride	4.92	84	440644	57.127	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	370239	53.624	ug/l	98
22) Diisopropyl ether	6.31	45	1128866	57.068	ug/l	98
23) Vinyl Acetate	6.26	43	1887961	158.806	ug/l	100
24) 1,1-Dichloroethane	6.21	63	684078	54.028	ug/l	99
25) 2-Butanone	7.18	43	826594	318.170	ug/l	99
26) 2,2-Dichloropropane	7.17	77	315226	47.436	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	399034	53.718	ug/l	100
28) Bromochloromethane	7.51	49	306915	55.713	ug/l	99
29) Tetrahydrofuran	7.54	42	437343	325.626	ug/l	99
30) Chloroform	7.68	83	676408	54.390	ug/l	99
31) Cyclohexane	7.96	56	645921	53.318	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	510981	54.700	ug/l	99
36) 1,1-Dichloropropene	8.09	75	539827	55.296	ug/l	99
37) Ethyl Acetate	7.26	43	248532	54.356	ug/l	99
38) Carbon Tetrachloride	8.07	117	482921	54.971	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	652851	54.558	ug/l	100
40) Benzene	8.33	78	1560579	54.435	ug/l	100
41) Methacrylonitrile	7.49	41	168462	65.966	ug/l	94
42) 1,2-Dichloroethane	8.40	62	452069	56.995	ug/l	100
43) Isopropyl Acetate	8.43	43	457248	57.371	ug/l	100
44) Trichloroethene	9.09	130	371955	52.800	ug/l	97
45) 1,2-Dichloropropane	9.37	63	395268	55.055	ug/l	99
46) Dibromomethane	9.46	93	211532	57.876	ug/l	99
47) Bromodichloromethane	9.65	83	471101	54.606	ug/l	99
48) Methyl methacrylate	9.44	41	250395	67.220	ug/l	99
49) 1,4-Dioxane	9.48	88	74063	1328.241	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	1832913	330.393	ug/l	100
52) Toluene	10.39	92	922490	54.568	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	464653	53.639	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	540599	53.549	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	302832	57.809	ug/l	99
56) Ethyl methacrylate	10.65	69	370920	59.141	ug/l	100
57) 1,3-Dichloropropane	10.94	76	521770	57.788	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	929545	278.040	ug/l	99
59) 2-Hexanone	10.98	43	1256402	334.028	ug/l	99
60) Dibromochloromethane	11.13	129	322706	56.639	ug/l	99
61) 1,2-Dibromoethane	11.24	107	285333	57.976	ug/l	100
64) Tetrachloroethene	10.87	164	394099	66.557	ug/l	99
65) Chlorobenzene	11.66	112	980624	52.422	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	344746	54.131	ug/l	99
67) Ethyl Benzene	11.74	91	1741259	54.910	ug/l	99
68) m/p-Xylenes	11.85	106	1349668	110.130	ug/l	100
69) o-Xylene	12.17	106	626439	55.118	ug/l	98
70) Styrene	12.19	104	886499	46.165	ug/l	98
71) Bromoform	12.35	173	208071	59.432	ug/l	99
73) Isopropylbenzene	12.47	105	1730946	57.325	ug/l	99
74) N-amyl acetate	12.28	43	334188	45.643	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	394737	62.625	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	486832	107.773	ug/l #	100
77) Bromobenzene	12.75	156	402492	55.095	ug/l	98
78) n-propylbenzene	12.81	91	2112427	56.696	ug/l	99
79) 2-Chlorotoluene	12.90	91	1203450	55.815	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1466816	56.947	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	107557	56.999	ug/l	96
82) 4-Chlorotoluene	12.99	91	1247453	54.514	ug/l	100
83) tert-Butylbenzene	13.21	119	1217505	56.353	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1488467	55.821	ug/l	100
85) sec-Butylbenzene	13.39	105	1796300	55.112	ug/l	99
86) p-Isopropyltoluene	13.51	119	1548924	54.842	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	787208	52.296	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	770852	51.442	ug/l	99
89) n-Butylbenzene	13.83	91	1406073	50.670	ug/l	99
90) Hexachloroethane	14.10	117	276079	52.833	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	736245	53.911	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	65890	63.973	ug/l	97

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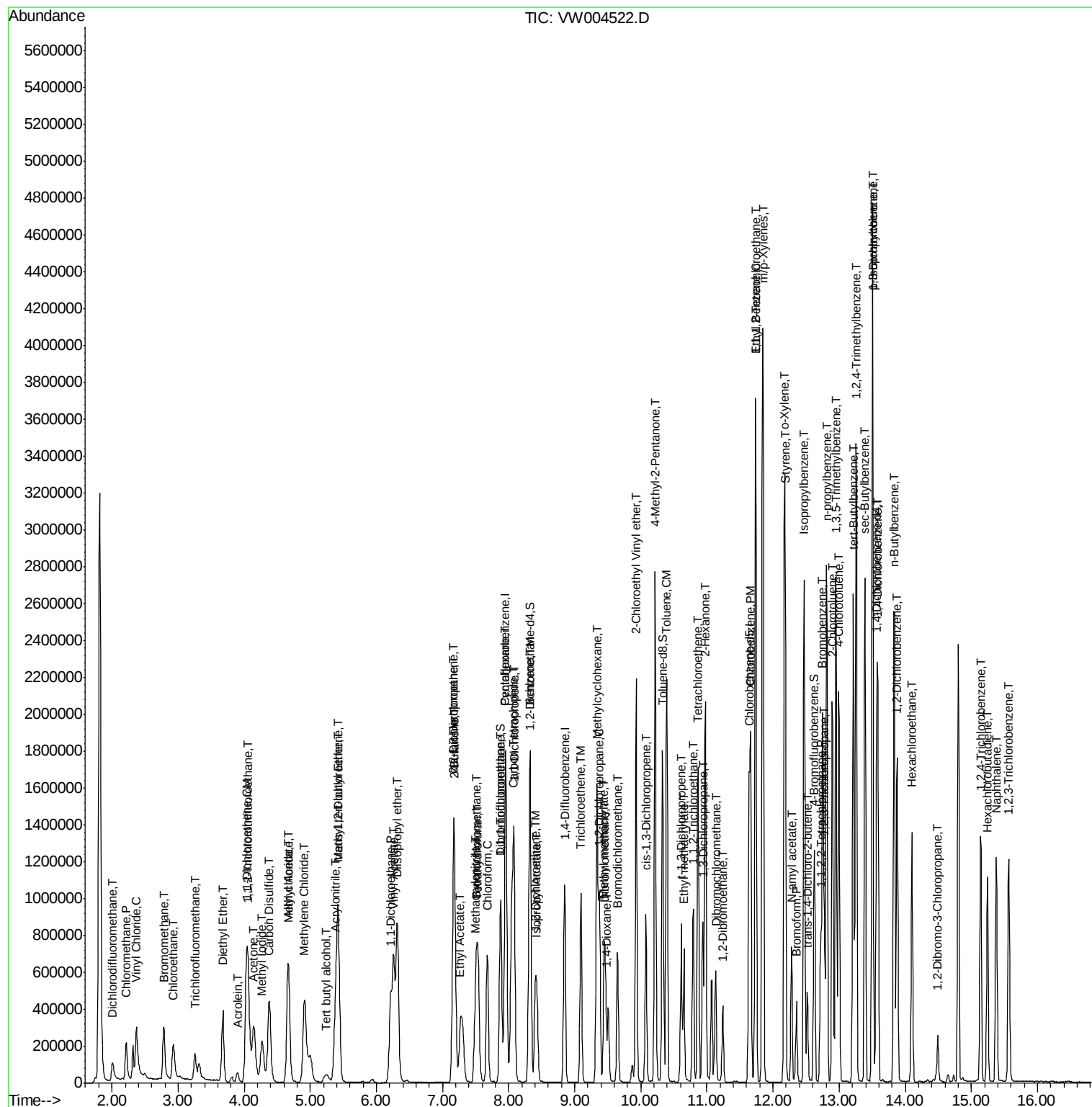
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	437034	46.222	ug/l	100
94) Hexachlorobutadiene	15.24	225	221766	40.280	ug/l	99
95) Naphthalene	15.38	128	1031932	52.717	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	420921	49.540	ug/l	99

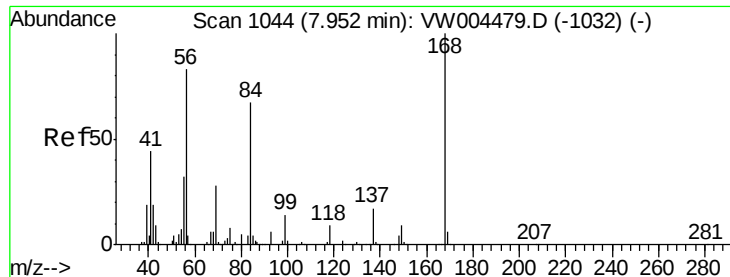
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004522.D

Acq: 08 Aug 2018 04:30

Instrument :

MSVOA_W

ClientSampleId :

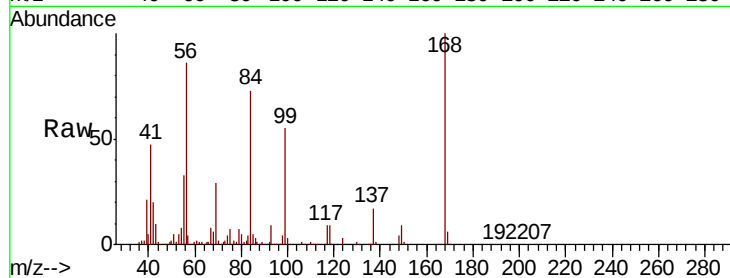
JTY-SB-03-1-2MS

Tgt Ion:168 Resp: 584222

Ion Ratio Lower Upper

168 100

99 55.0 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

300000

250000

200000

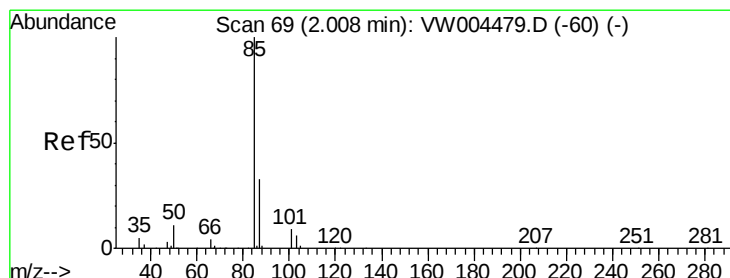
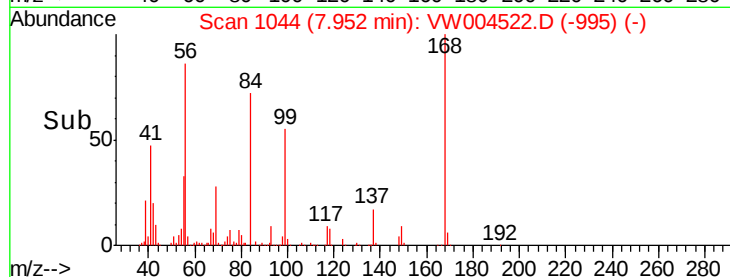
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 51.252 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VW004522.D

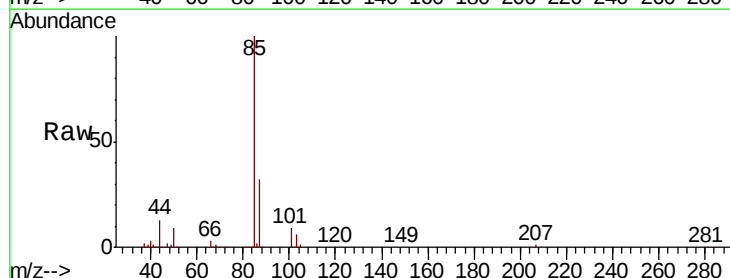
Acq: 08 Aug 2018 04:30

Tgt Ion: 85 Resp: 205485

Ion Ratio Lower Upper

85 100

87 31.8 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

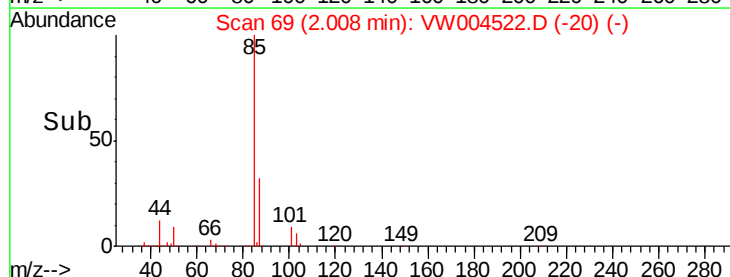
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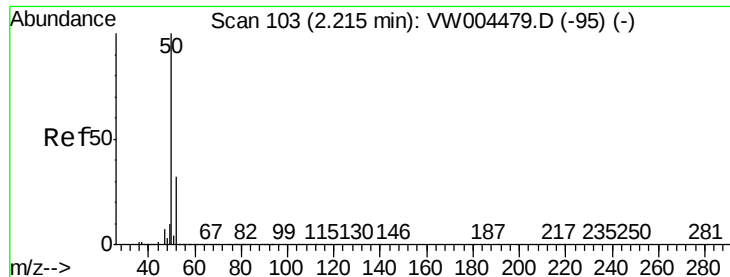
40000

20000

0

Time--> 2.00 2.20





#3

Chloromethane

Concen: 46.963 ug/l

RT: 2.21 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW004522.D

Acq: 08 Aug 2018 04:30

Instrument :

MSVOA_W

ClientSampleId :

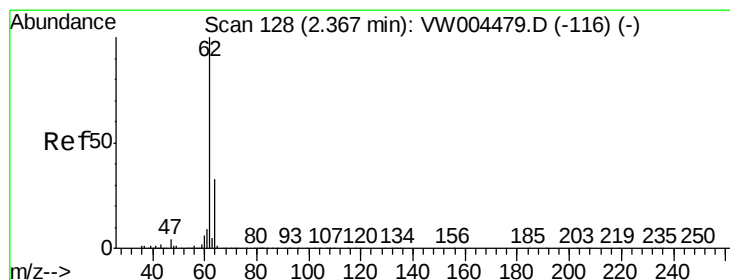
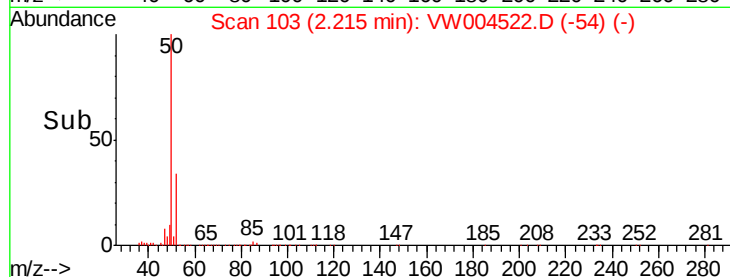
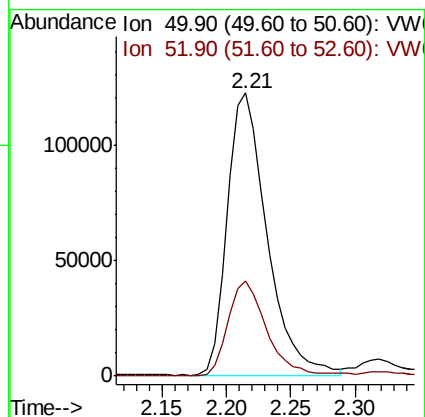
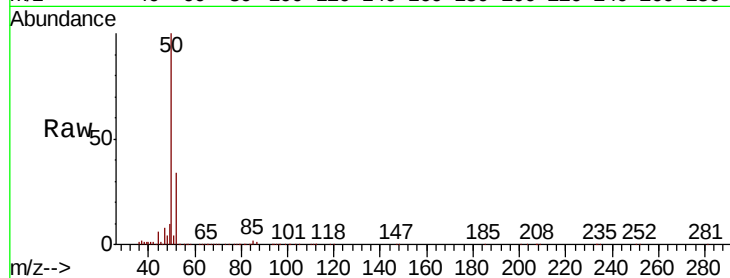
JTY-SB-03-1-2MS

Tgt Ion: 50 Resp: 262313

Ion Ratio Lower Upper

50 100

52 33.8 25.8 38.8



#4

Vinyl Chloride

Concen: 54.297 ug/l

RT: 2.37 min Scan# 128

Delta R.T. 0.00 min

Lab File: VW004522.D

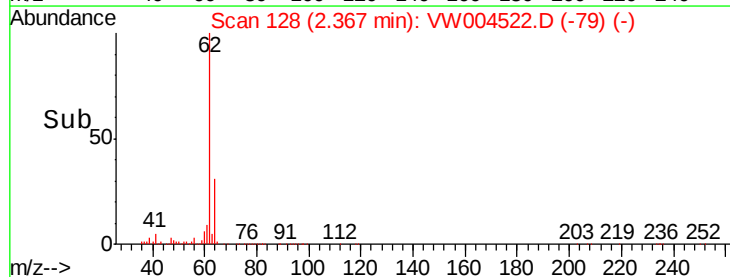
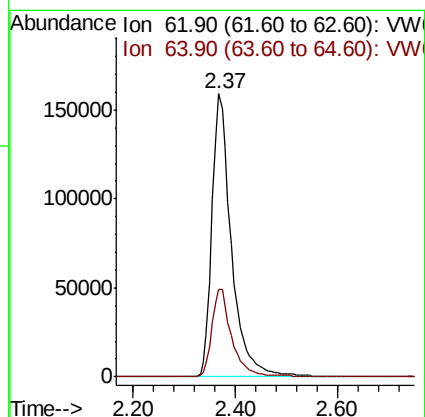
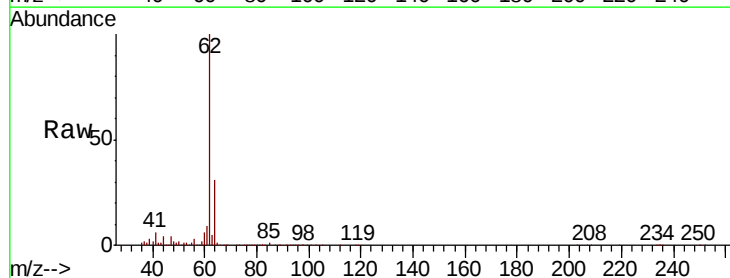
Acq: 08 Aug 2018 04:30

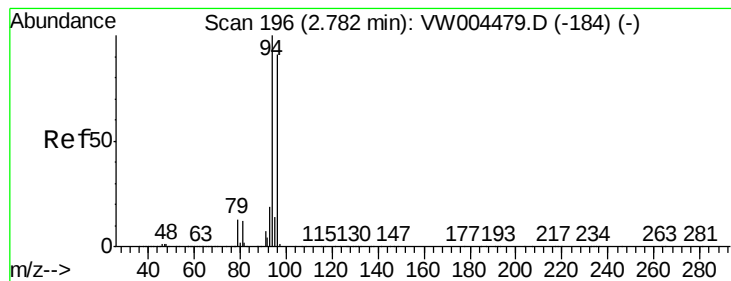
Tgt Ion: 62 Resp: 423658

Ion Ratio Lower Upper

62 100

64 30.7 26.2 39.2





#5

Bromomethane

Concen: 52.639 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW004522.D

Acq: 08 Aug 2018 04:30

Instrument :

MSVOA_W

ClientSampleId :

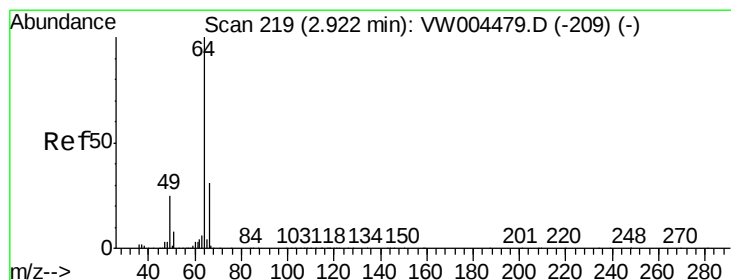
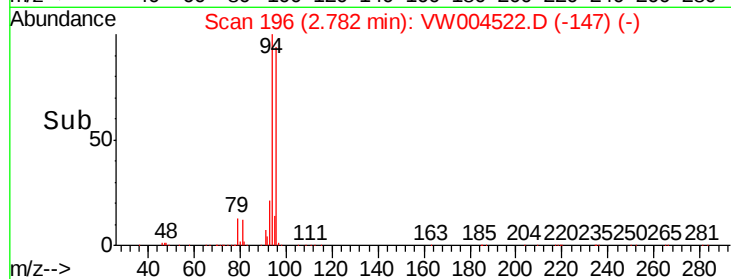
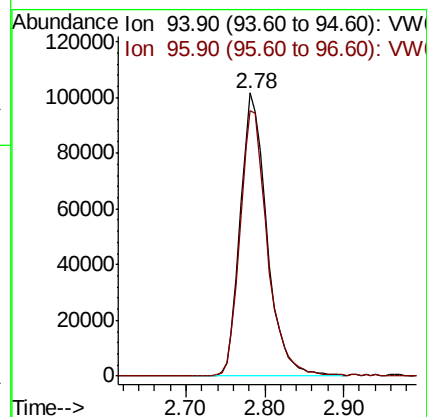
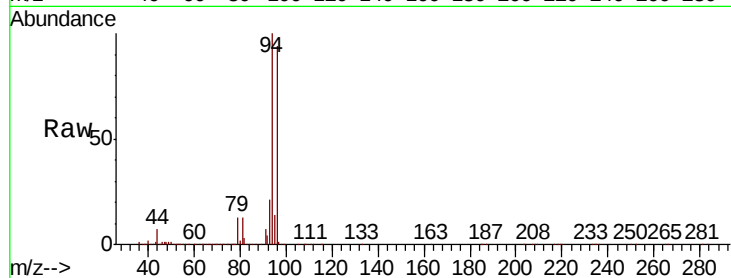
JTY-SB-03-1-2MS

Tgt Ion: 94 Resp: 239153

Ion Ratio Lower Upper

94 100

96 93.4 72.9 109.3



#6

Chloroethane

Concen: 55.252 ug/l

RT: 2.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VW004522.D

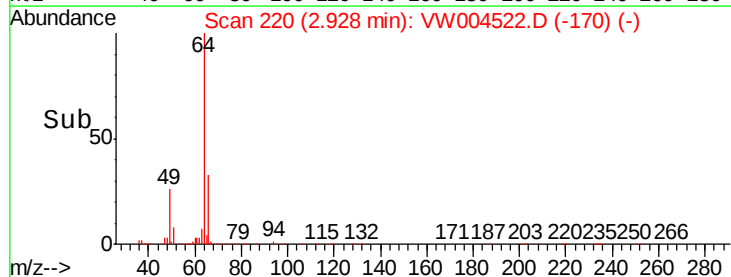
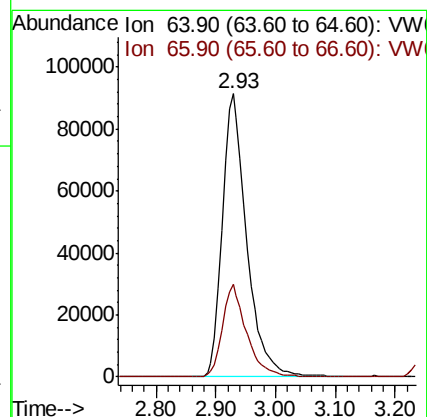
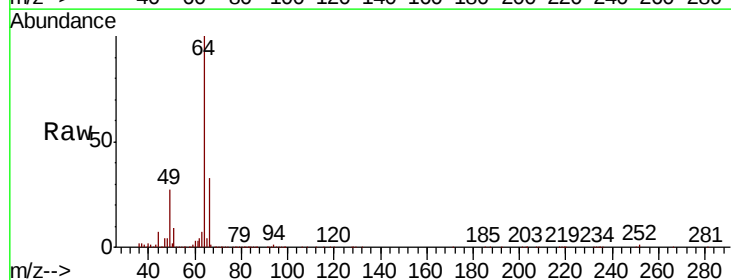
Acq: 08 Aug 2018 04:30

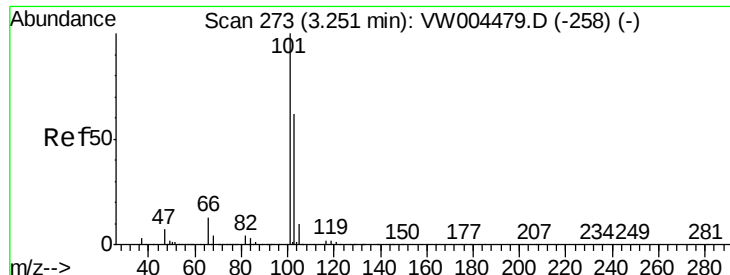
Tgt Ion: 64 Resp: 257603

Ion Ratio Lower Upper

64 100

66 32.9 24.6 36.8



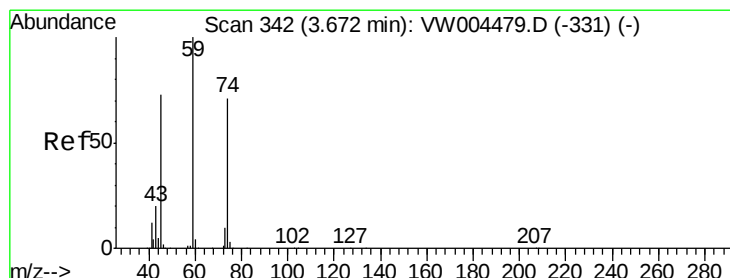
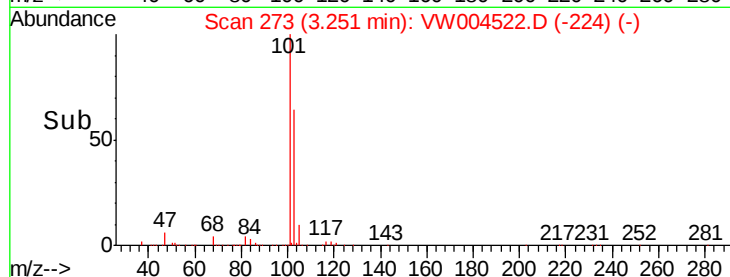
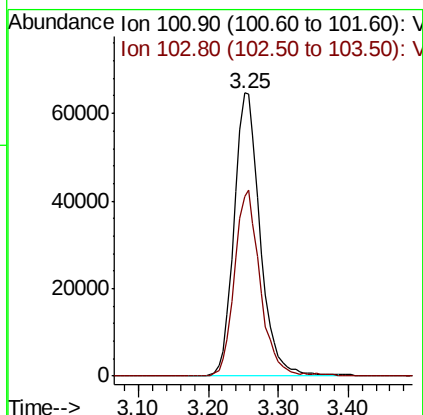
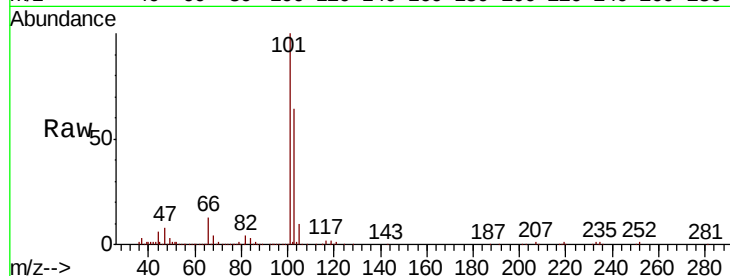


#7

Trichlorofluoromethane
 Concen: 58.114 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.00 min
 Lab File: VW004522.D
 Acq: 08 Aug 2018 04:30

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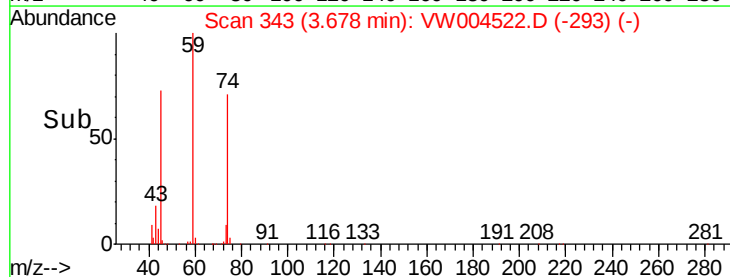
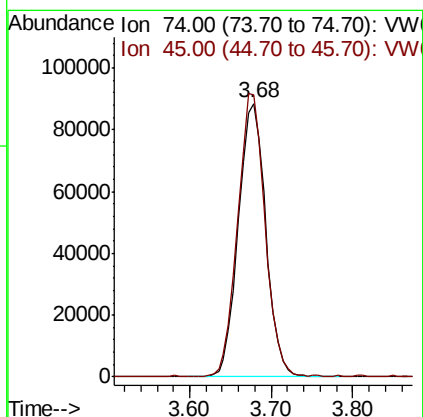
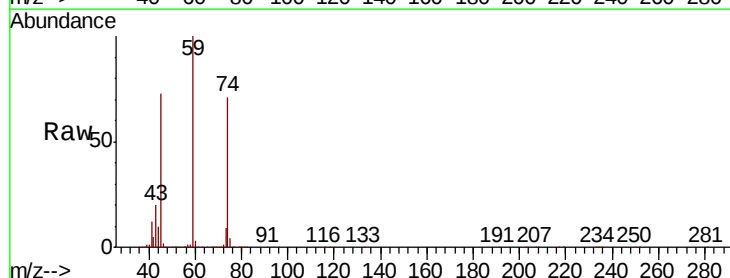
Tgt Ion: 101 Resp: 167476
 Ion Ratio Lower Upper
 101 100
 103 63.6 49.8 74.8

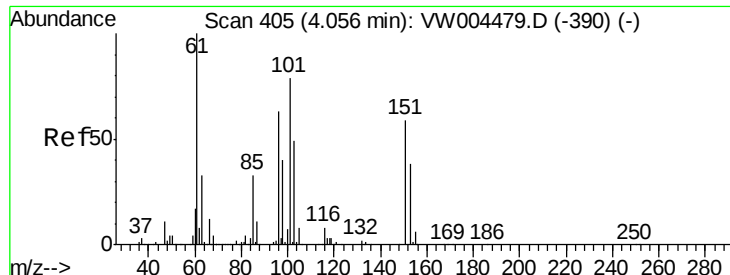


#8

Diethyl Ether
 Concen: 56.682 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.01 min
 Lab File: VW004522.D
 Acq: 08 Aug 2018 04:30

Tgt Ion: 74 Resp: 206636
 Ion Ratio Lower Upper
 74 100
 45 102.3 51.2 153.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.973 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW004522.D

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MSVOA_W

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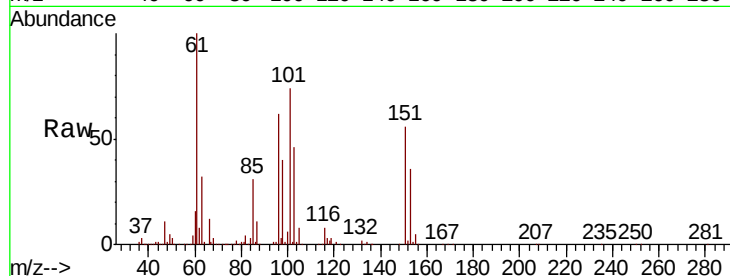
Tgt Ion:101 Resp: 349919

Ion Ratio Lower Upper

101 100

85 42.9 34.6 51.8

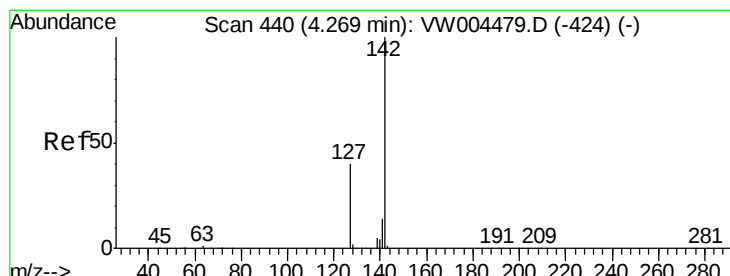
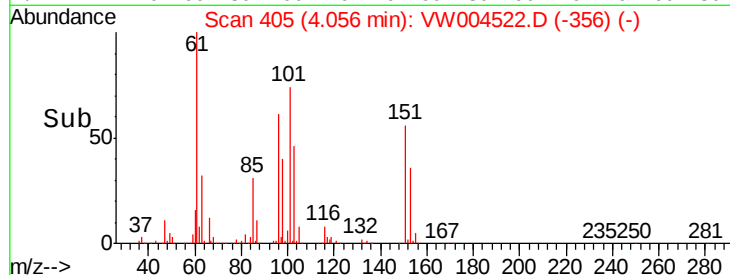
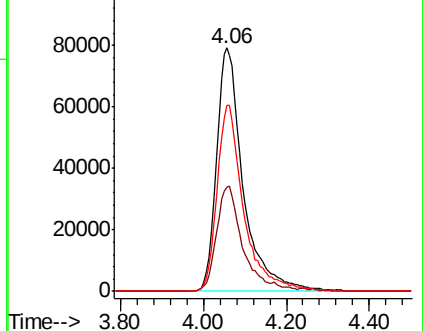
151 76.8 61.3 91.9



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: 53.487 ug/l

RT: 4.27 min Scan# 440

Delta R.T. 0.00 min

Lab File: VW004522.D

Acq: 08 Aug 2018 04:30

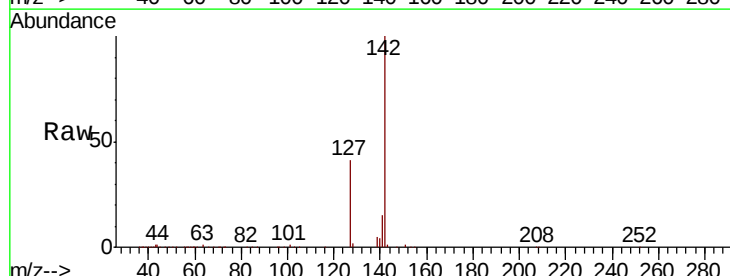
Tgt Ion:142 Resp: 510801

Ion Ratio Lower Upper

142 100

127 41.5 32.7 49.1

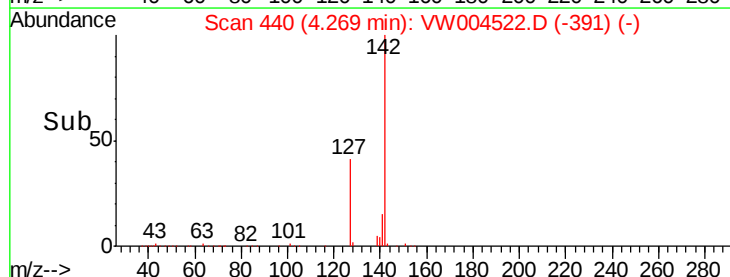
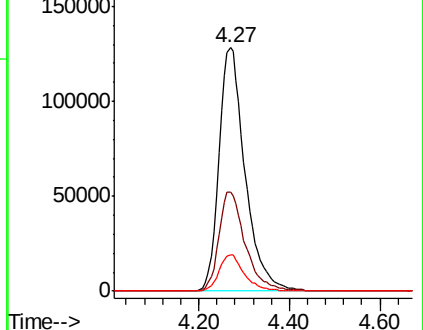
141 14.5 11.5 17.3

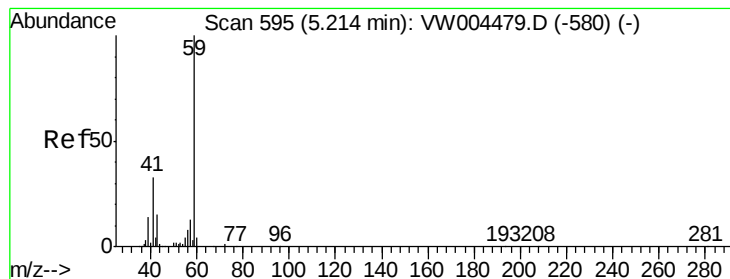


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



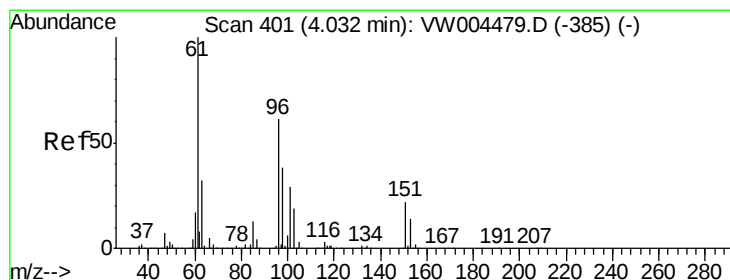
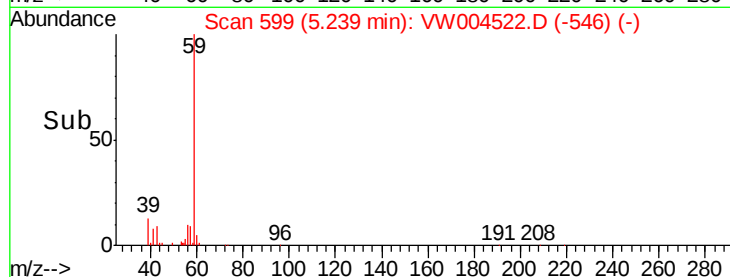
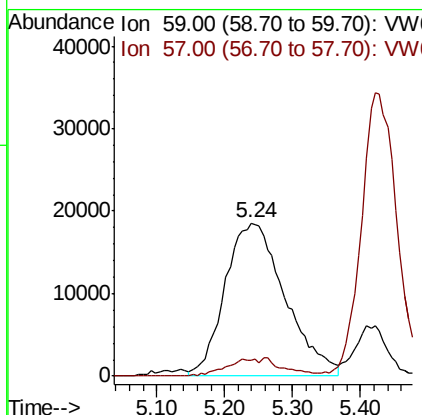
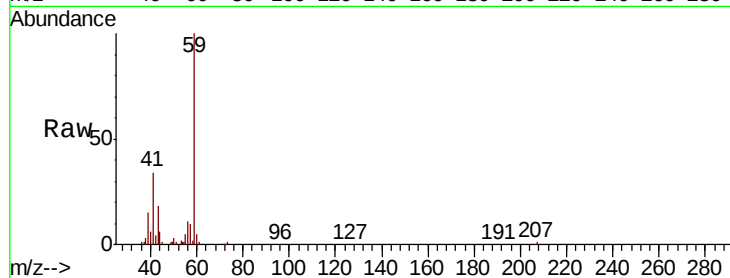


#11

Tert butyl alcohol
 Concen: 298.360 ug/l
 RT: 5.24 min Scan# 599
 Delta R.T. 0.02 min
 Lab File: VW004522.D
 Acq: 08 Aug 2018 04:30

Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-03-1-2MS

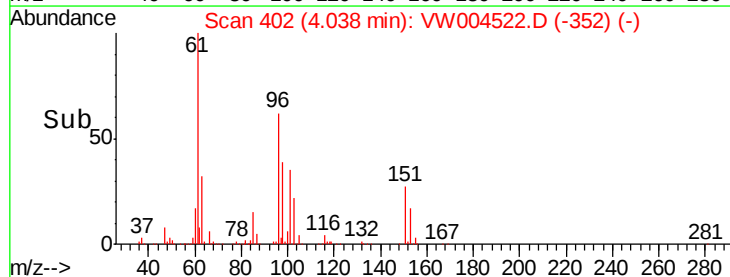
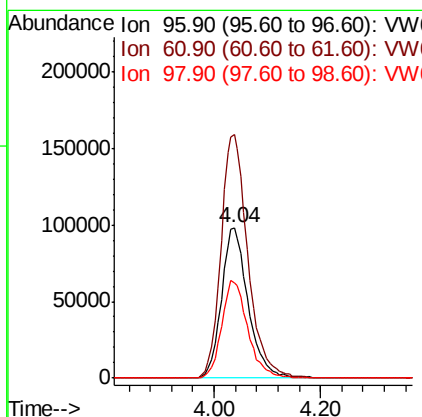
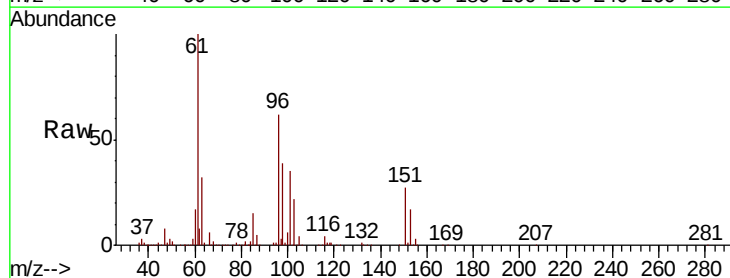
Tgt Ion: 59 Resp: 112978
 Ion Ratio Lower Upper
 59 100
 57 5.0 9.1 13.7#

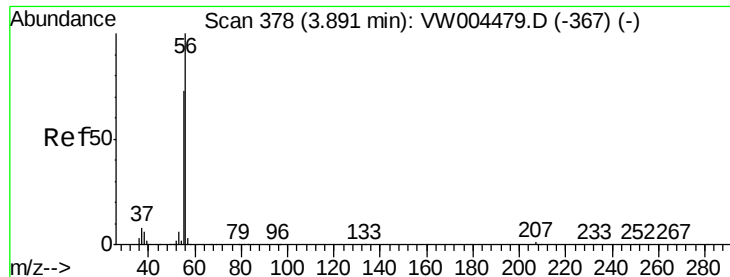


#12

1,1-Dichloroethene
 Concen: 53.333 ug/l
 RT: 4.04 min Scan# 402
 Delta R.T. 0.01 min
 Lab File: VW004522.D
 Acq: 08 Aug 2018 04:30

Tgt Ion: 96 Resp: 341691
 Ion Ratio Lower Upper
 96 100
 61 162.1 130.6 195.8
 98 63.2 49.6 74.4





#13

Acrolein

Concen: 153.435 ug/l

RT: 3.90 min Scan# 379

Delta R.T. 0.01 min

Lab File: VW004522.D

Acq: 08 Aug 2018 04:30

Instrument :

MSVOA_W

ClientSampleId :

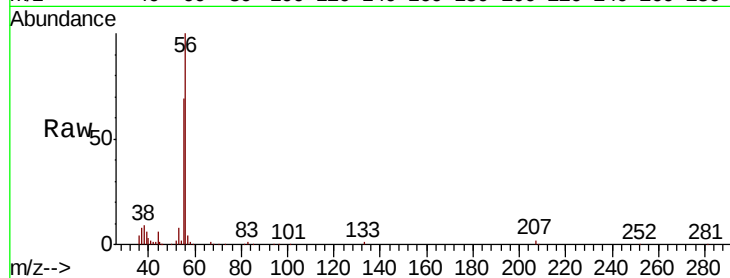
JTY-SB-03-1-2MS

Tgt Ion: 56 Resp: 71187

Ion Ratio Lower Upper

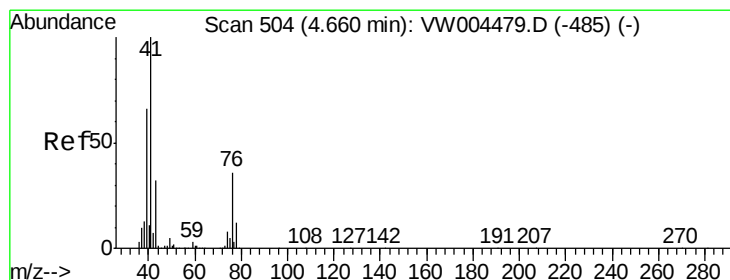
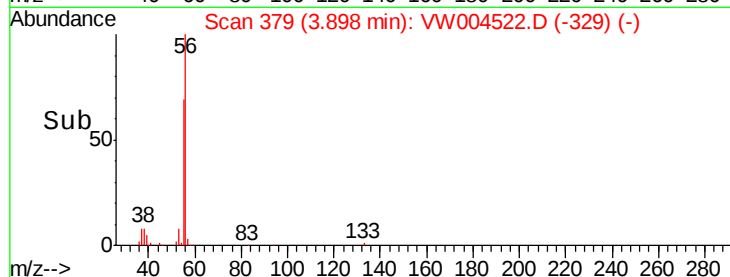
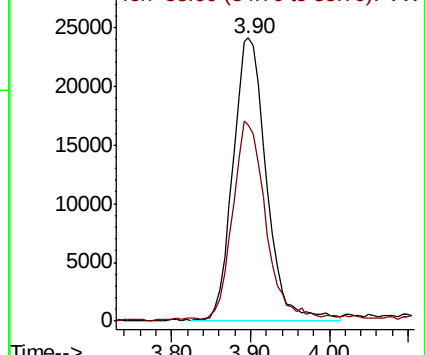
56 100

55 67.7 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 55.366 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.01 min

Lab File: VW004522.D

Acq: 08 Aug 2018 04:30

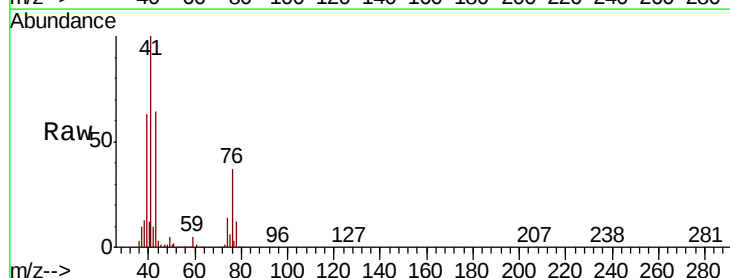
Tgt Ion: 41 Resp: 532939

Ion Ratio Lower Upper

41 100

39 64.2 51.9 77.9

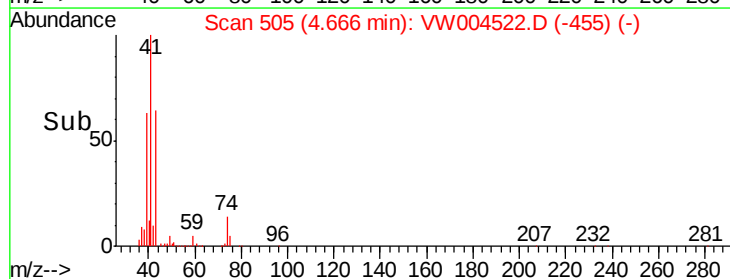
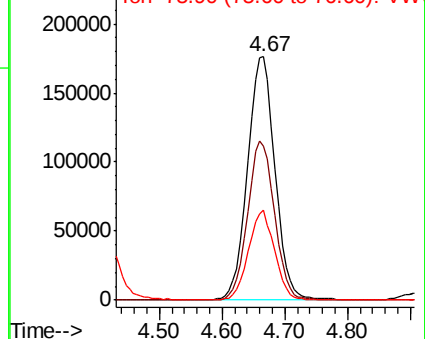
76 35.1 29.0 43.6

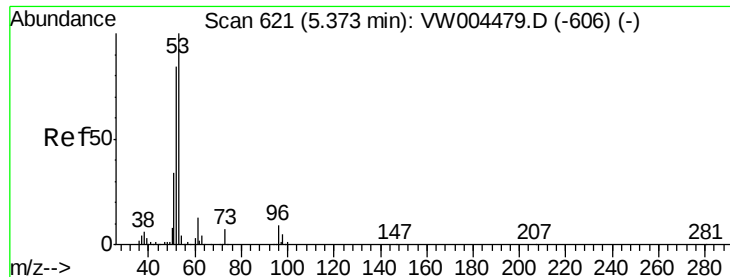


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 317.565 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.01 min

Lab File: VW004522.D

Acq: 08 Aug 2018 04:30

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-03-1-2MS

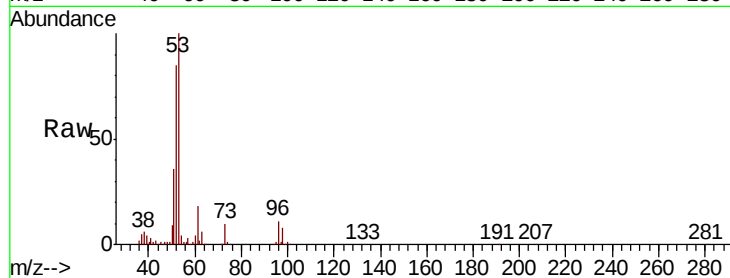
Tgt Ion: 53 Resp: 514468

Ion Ratio Lower Upper

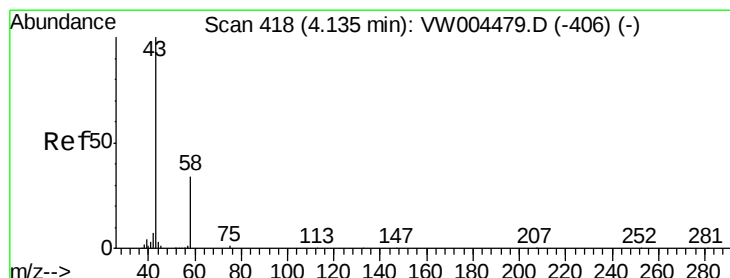
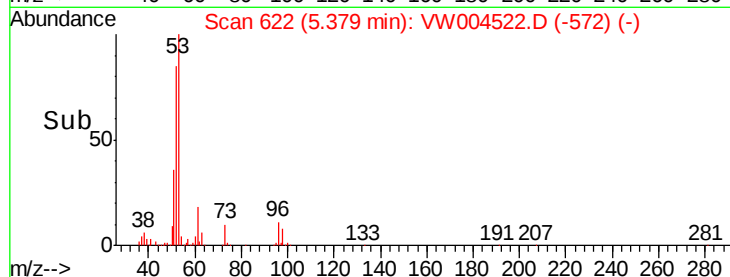
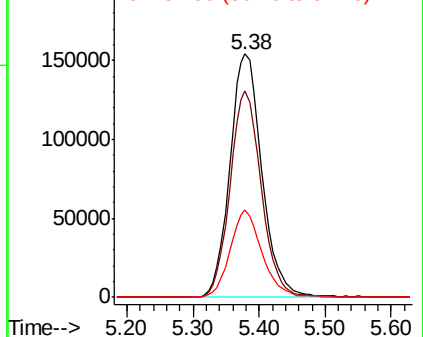
53 100

52 83.3 66.5 99.7

51 35.6 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 349.807 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.01 min

Lab File: VW004522.D

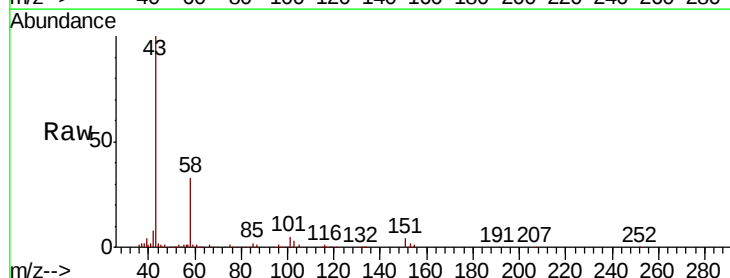
Acq: 08 Aug 2018 04:30

Tgt Ion: 43 Resp: 564962

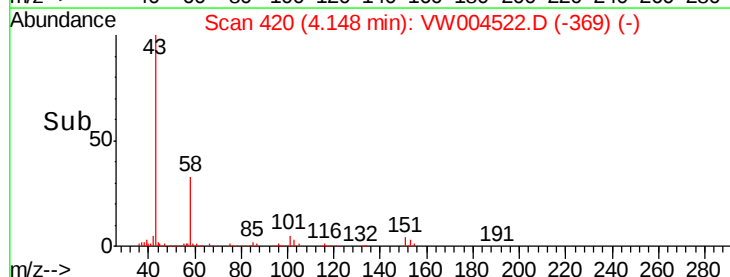
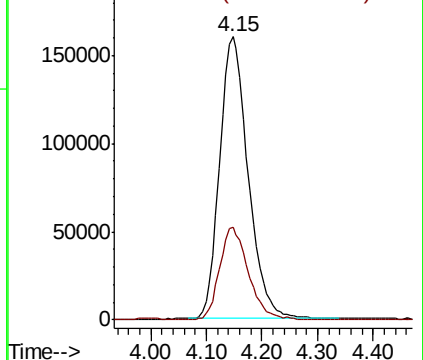
Ion Ratio Lower Upper

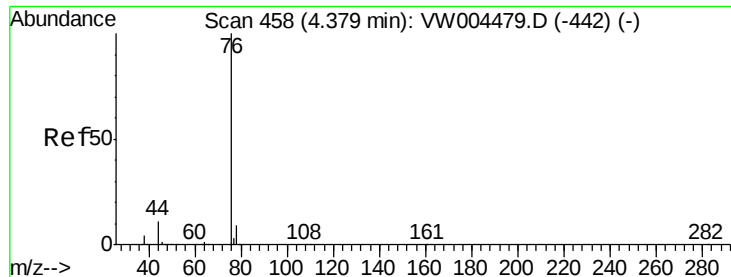
43 100

58 32.8 26.8 40.2



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

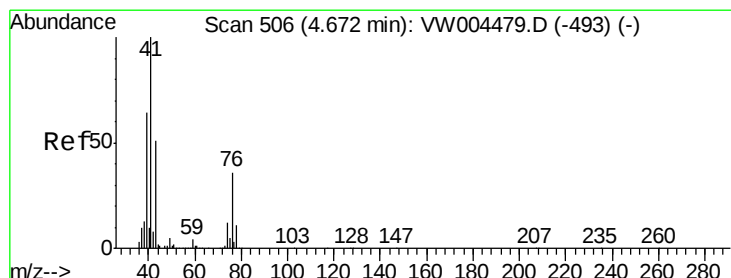
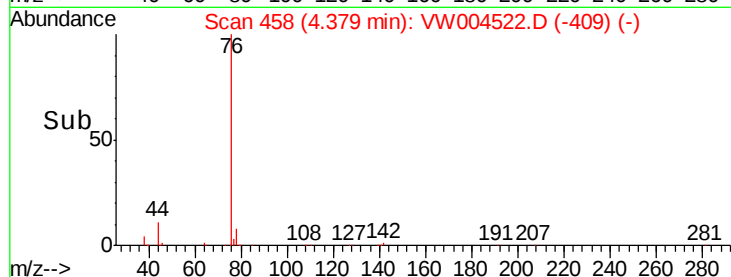
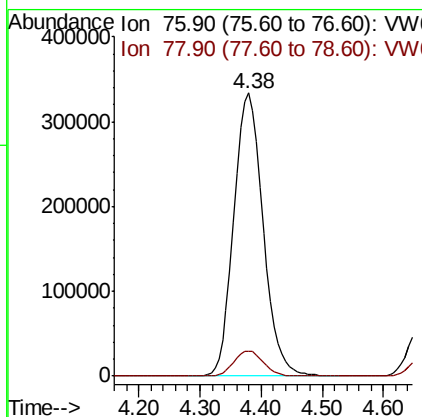
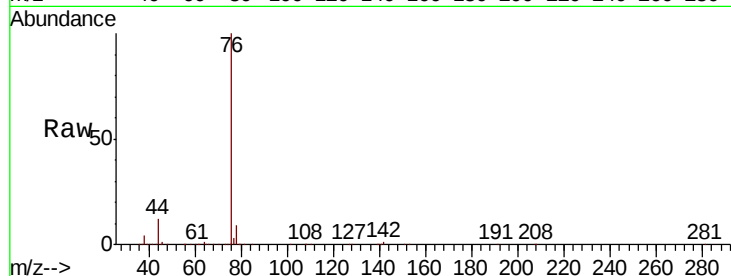




#17
Carbon Disulfide
Concen: 53.780 ug/l
RT: 4.38 min Scan# 458
Delta R.T. 0.00 min
Lab File: VW004522.D
Acq: 08 Aug 2018 04:30

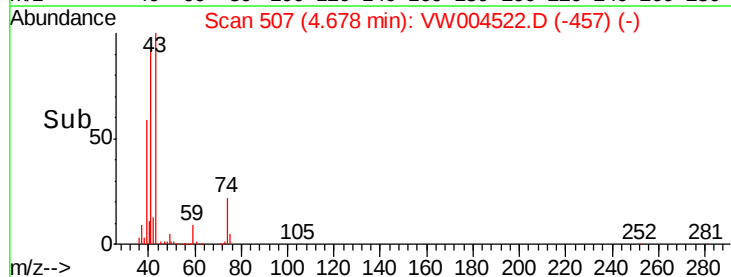
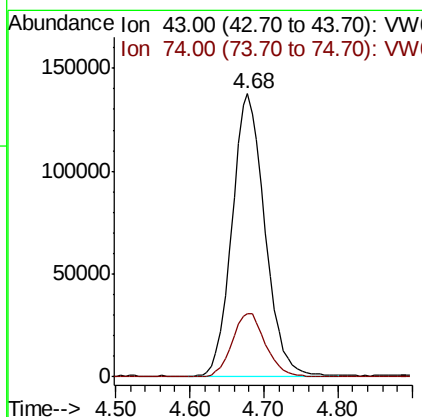
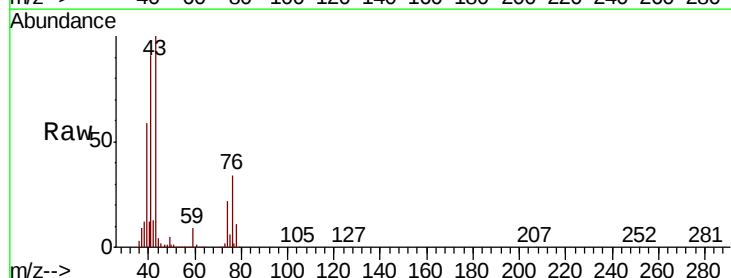
Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-03-1-2MS

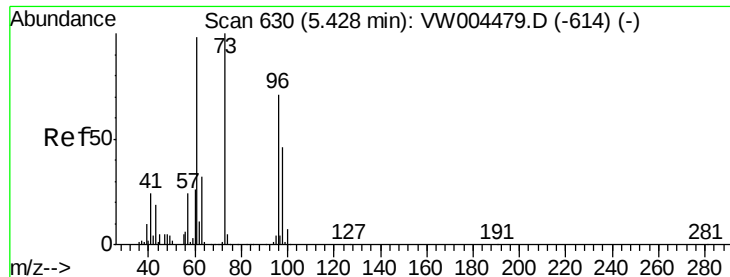
Tgt Ion: 76 Resp: 1107302
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4



#18
Methyl Acetate
Concen: 104.878 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.01 min
Lab File: VW004522.D
Acq: 08 Aug 2018 04:30

Tgt Ion: 43 Resp: 422372
Ion Ratio Lower Upper
43 100
74 23.1 19.1 28.7

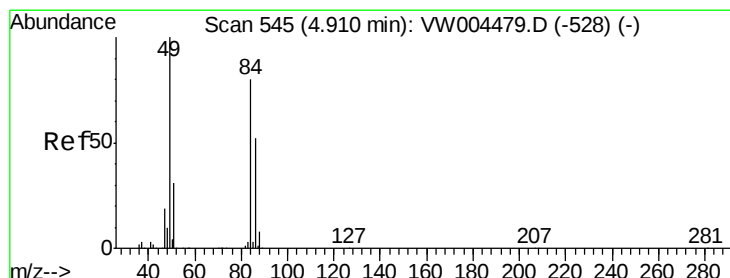
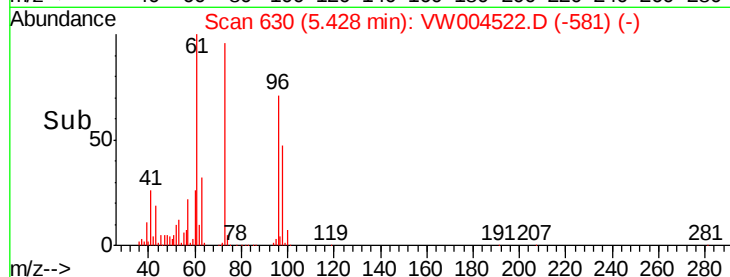
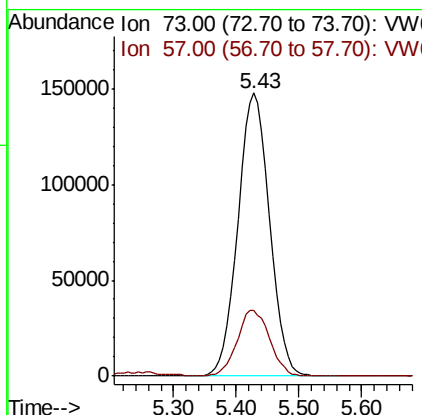
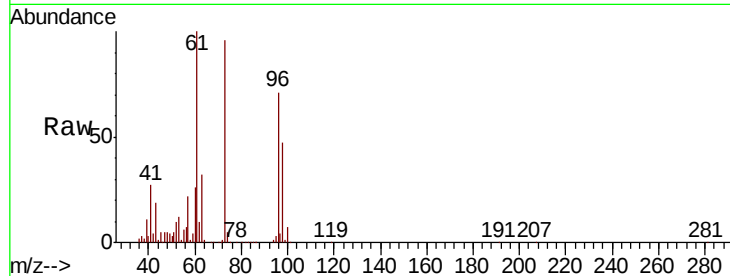




#19
Methyl tert-butyl Ether
Concen: 59.010 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW004522.D
Acq: 08 Aug 2018 04:30

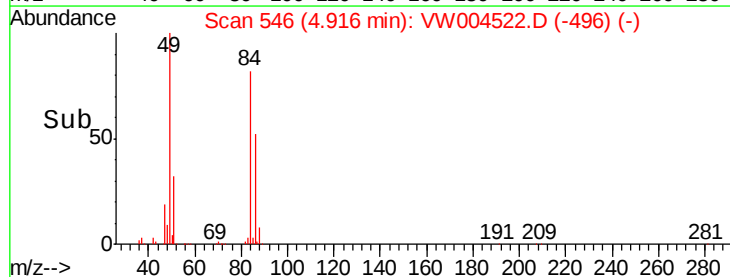
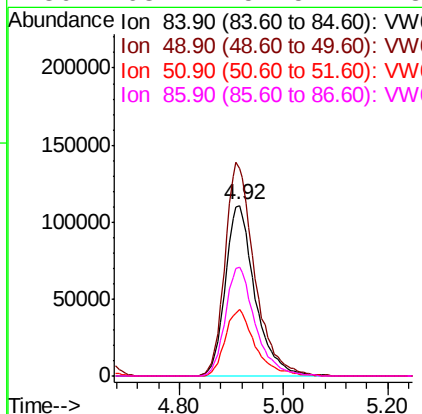
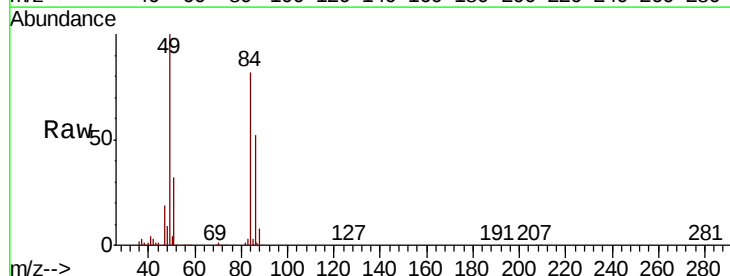
Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-03-1-2MS

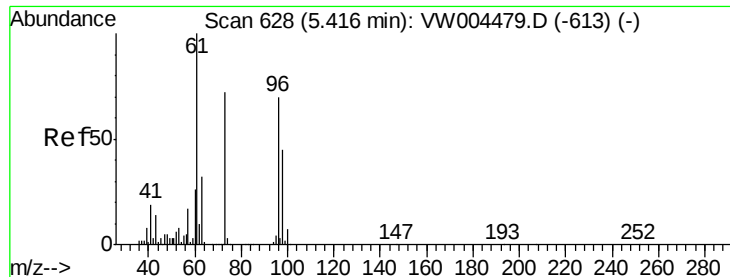
Tgt Ion: 73 Resp: 515689
Ion Ratio Lower Upper
73 100
57 23.2 19.6 29.4



#20
Methylene Chloride
Concen: 57.127 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW004522.D
Acq: 08 Aug 2018 04:30

Tgt Ion: 84 Resp: 440644
Ion Ratio Lower Upper
84 100
49 121.9 99.6 149.4
51 39.1 31.0 46.4
86 63.7 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 53.624 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW004522.D

Acq: 08 Aug 2018 04:30

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-03-1-2MS

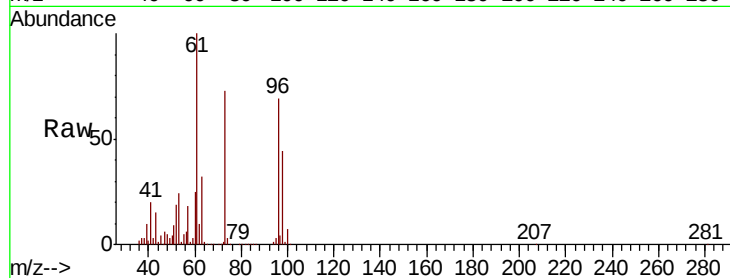
Tgt Ion: 96 Resp: 370239

Ion Ratio Lower Upper

96 100

61 144.7 114.1 171.1

98 63.0 51.4 77.2

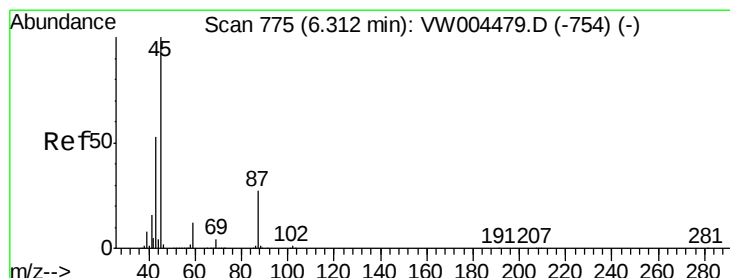
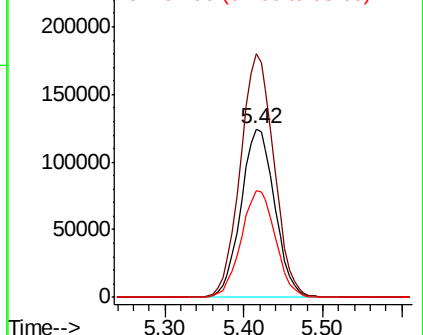
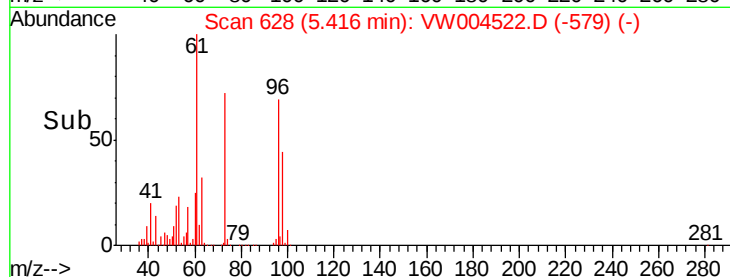


Abundance

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: 57.068 ug/l

RT: 6.31 min Scan# 775

Delta R.T. 0.00 min

Lab File: VW004522.D

Acq: 08 Aug 2018 04:30

Tgt Ion: 45 Resp: 1128866

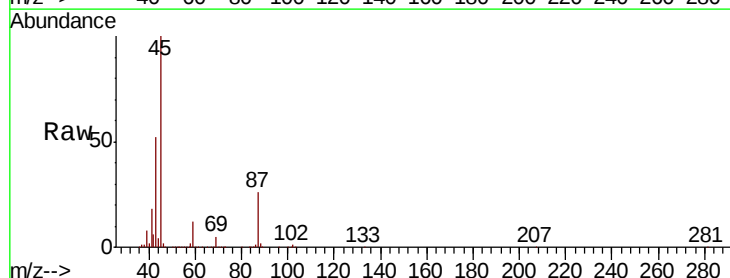
Ion Ratio Lower Upper

45 100

43 51.6 42.4 63.6

87 25.9 21.6 32.4

59 11.7 9.6 14.4



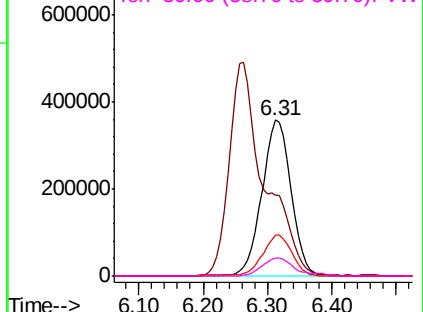
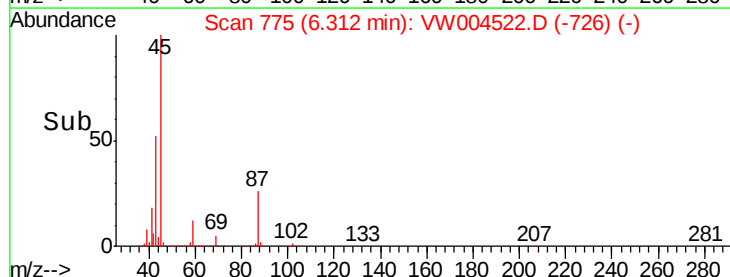
Abundance

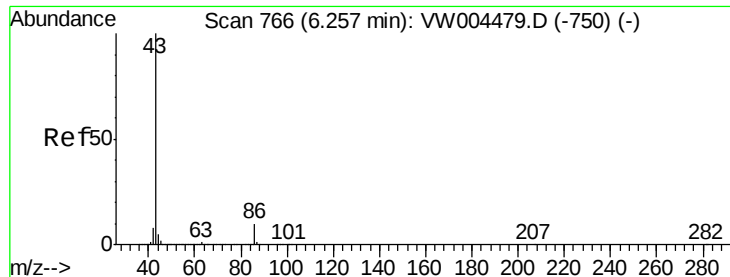
Ion 45.00 (44.70 to 45.70): VW

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

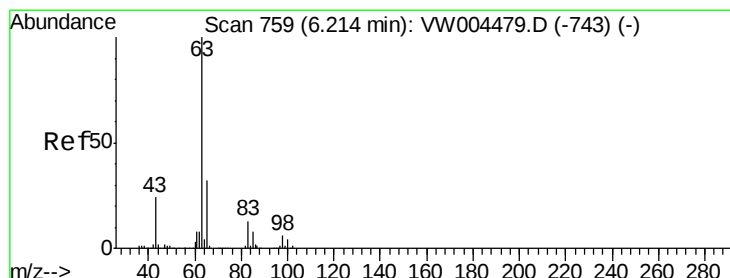
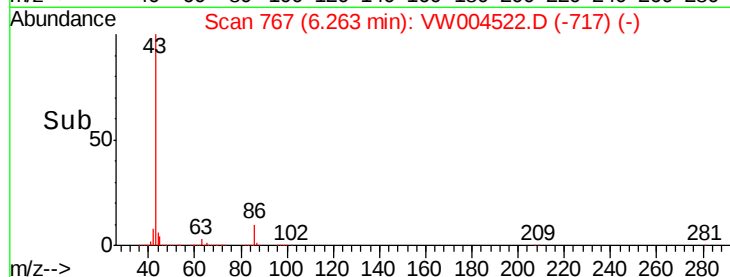
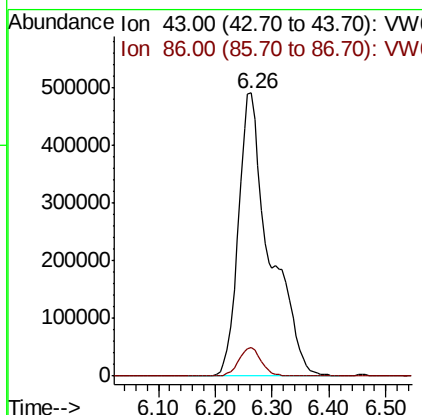
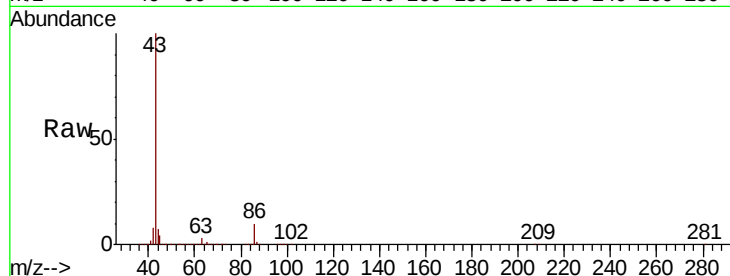




#23
 Vinyl Acetate
 Concen: 158.806 ug/l
 RT: 6.26 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: VW004522.D
 Acq: 08 Aug 2018 04:30

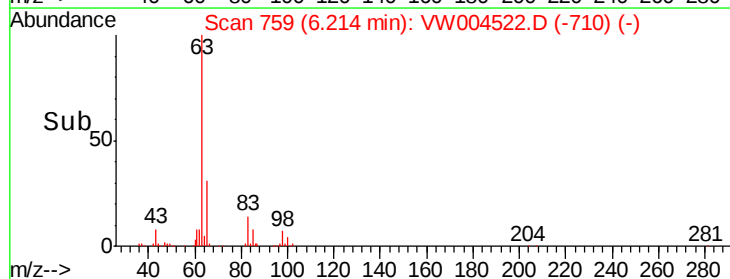
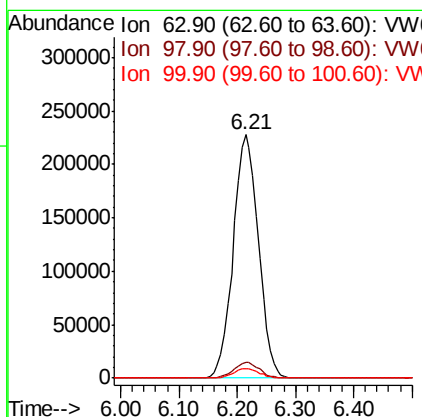
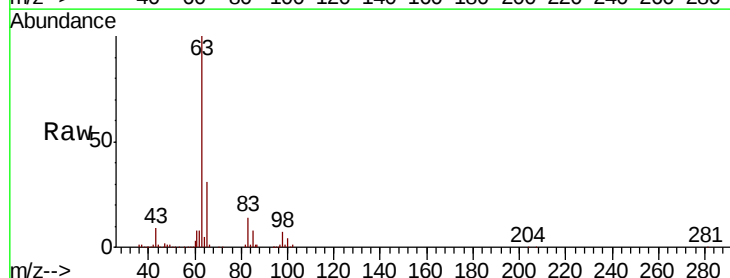
Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-03-1-2MS

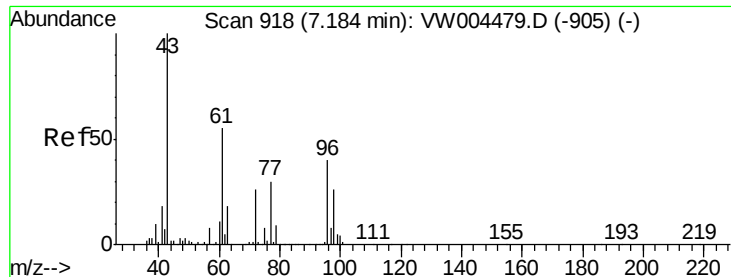
Tgt Ion: 43 Resp: 1887961
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 54.028 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: VW004522.D
 Acq: 08 Aug 2018 04:30

Tgt Ion: 63 Resp: 684078
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.1 9.3
 100 3.9 2.1 6.5





#25

2-Butanone

Concen: 318.170 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW004522.D

Acq: 08 Aug 2018 04:30

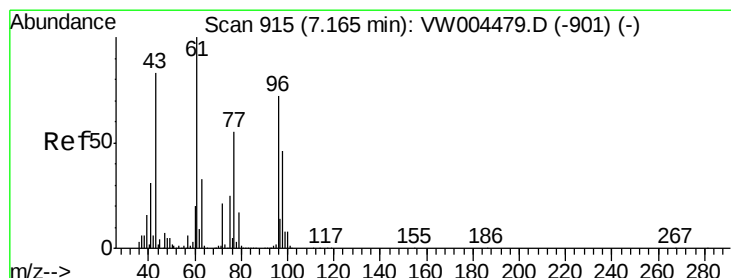
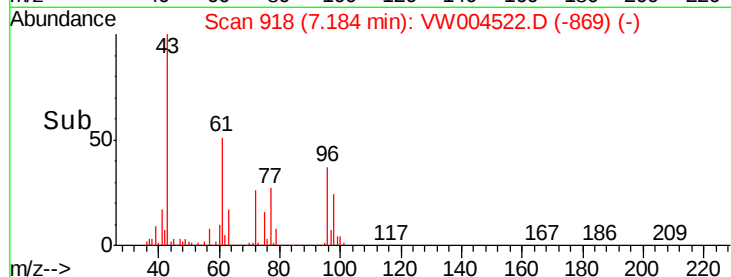
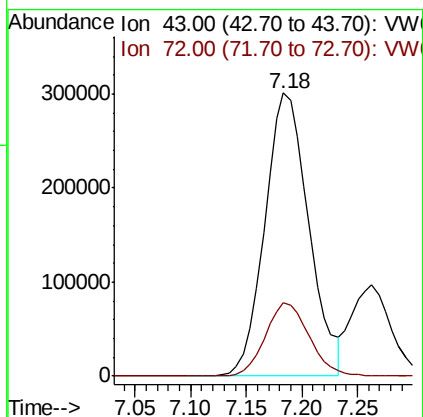
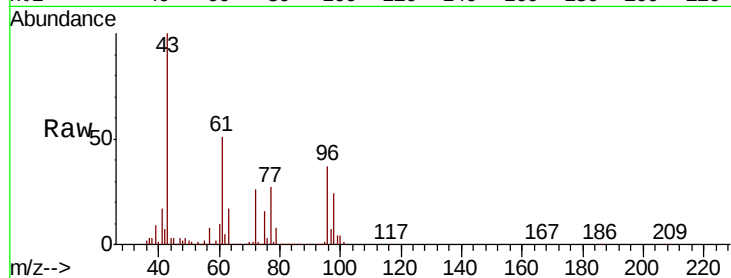
Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-03-1-2MS

Tgt Ion: 43 Resp: 826594

Ion Ratio Lower Upper

43 100

72 25.8 21.0 31.6



#26

2,2-Dichloropropane

Concen: 47.436 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW004522.D

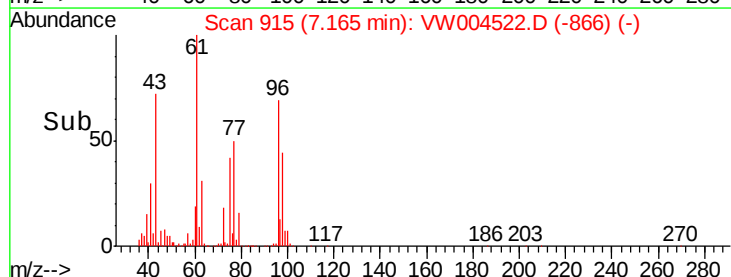
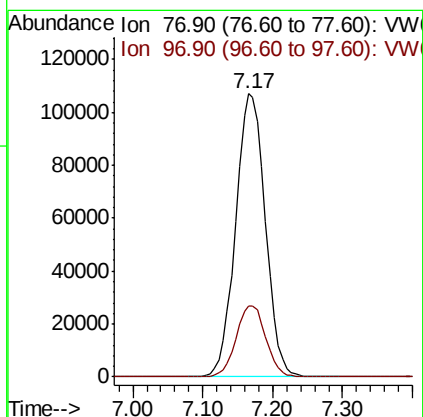
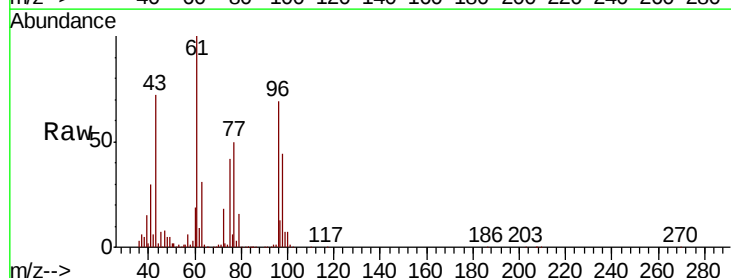
Acq: 08 Aug 2018 04:30

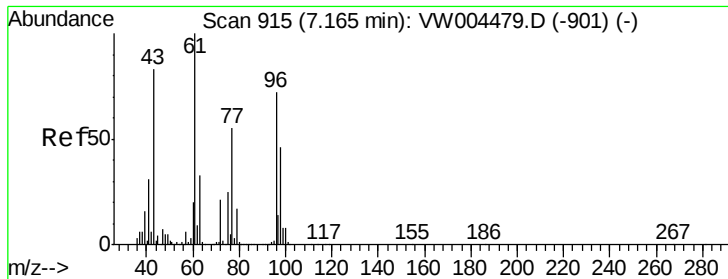
Tgt Ion: 77 Resp: 315226

Ion Ratio Lower Upper

77 100

97 25.1 12.5 37.5



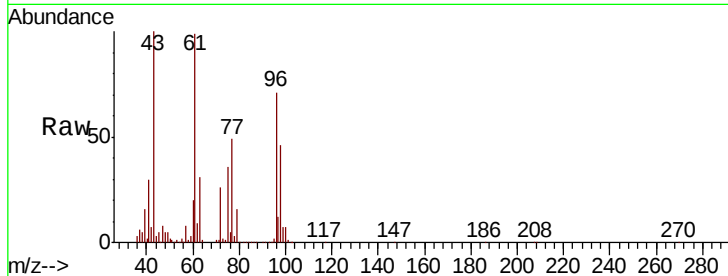


#27

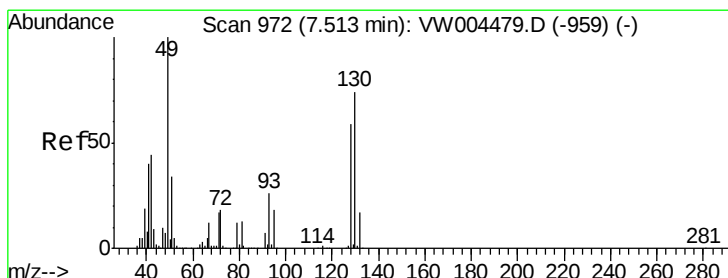
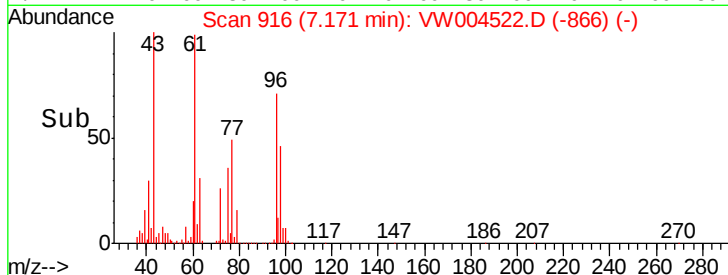
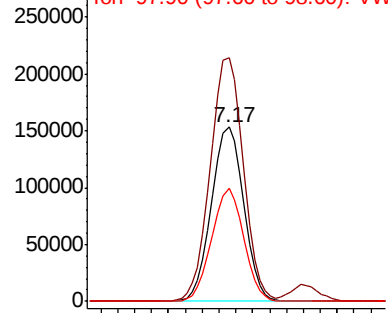
cis-1,2-Dichloroethene
 Concen: 53.718 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.01 min
 Lab File: VW004522.D
 Acq: 08 Aug 2018 04:30

Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-03-1-2MS

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.7	0.0	285.0
98	64.0	0.0	128.6



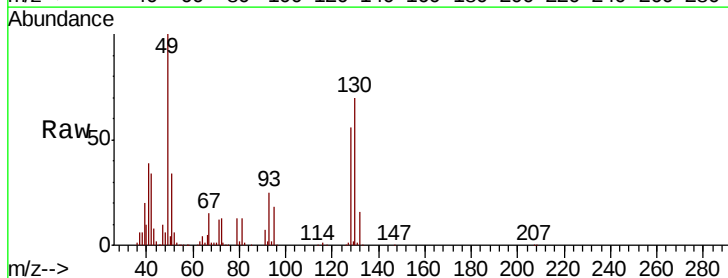
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



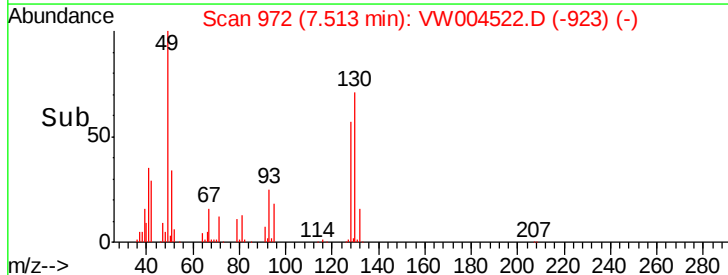
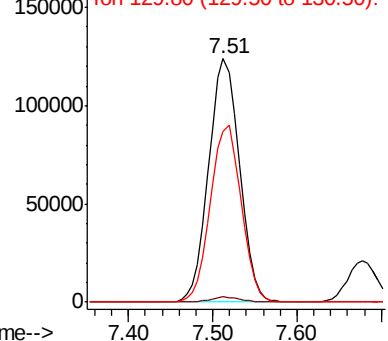
#28

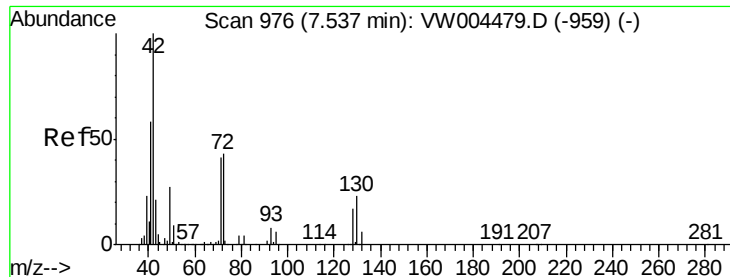
Bromochloromethane
 Concen: 55.713 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW004522.D
 Acq: 08 Aug 2018 04:30

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	72.8	58.8	88.2



Abundance Ion 48.90 (48.60 to 49.60): VW
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

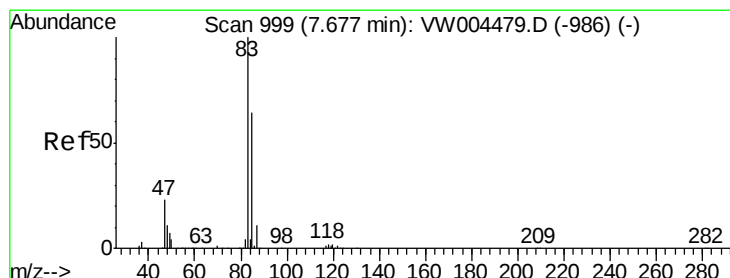
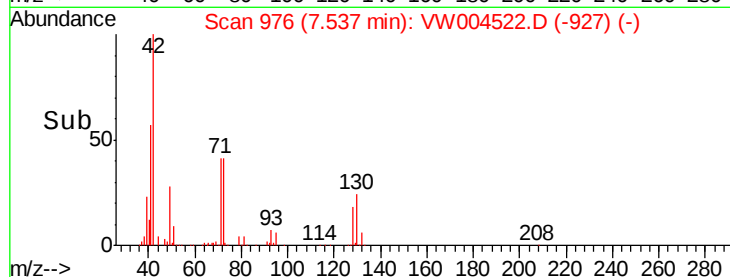
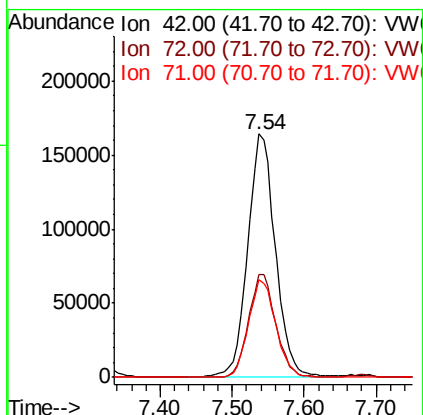
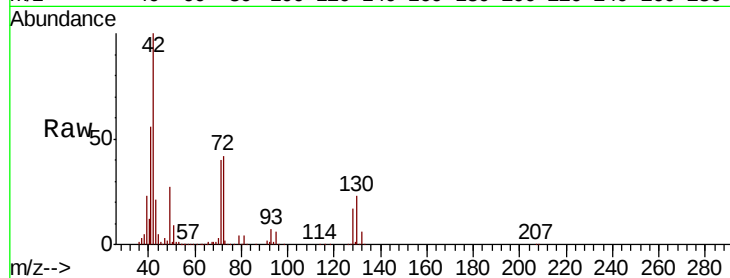




#29
Tetrahydrofuran
Concen: 325.626 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW004522.D
Acq: 08 Aug 2018 04:30

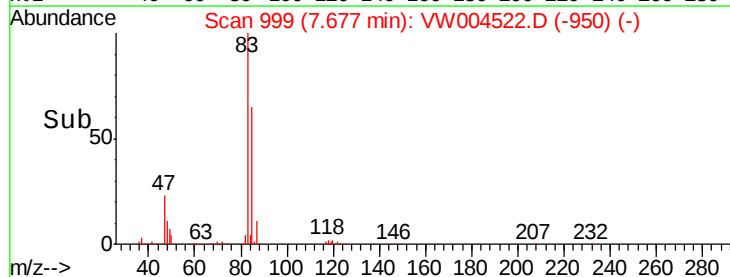
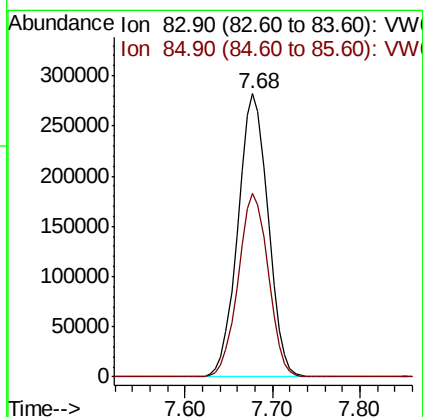
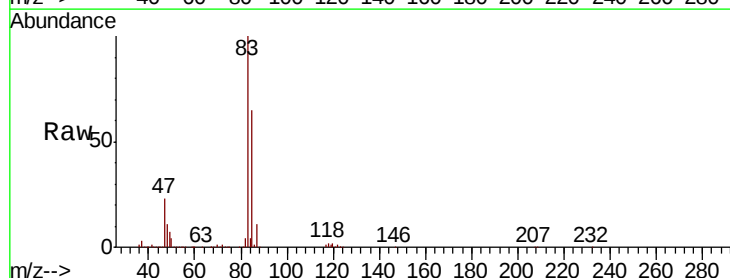
Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-03-1-2MS

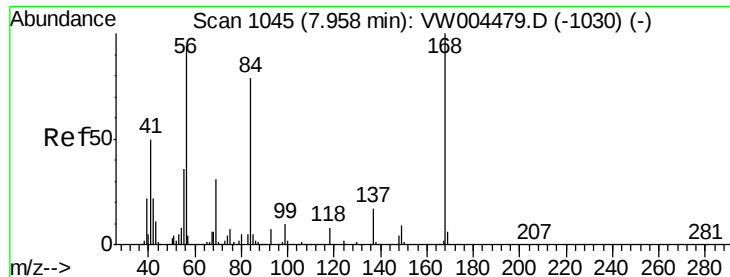
Tgt Ion: 42 Resp: 437343
Ion Ratio Lower Upper
42 100
72 41.9 34.1 51.1
71 39.6 32.5 48.7



#30
Chloroform
Concen: 54.390 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004522.D
Acq: 08 Aug 2018 04:30

Tgt Ion: 83 Resp: 676408
Ion Ratio Lower Upper
83 100
85 65.0 51.3 76.9

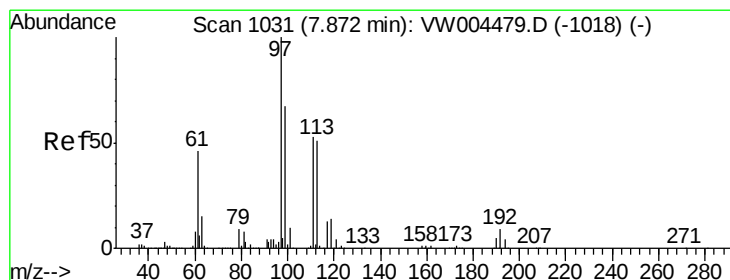
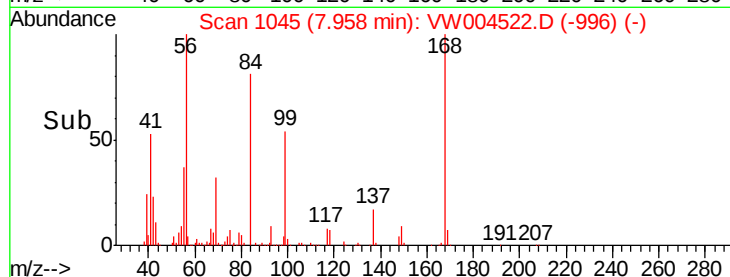
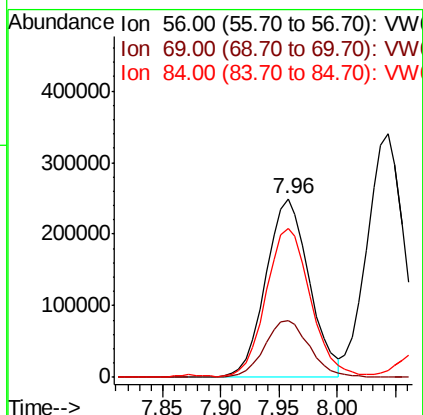
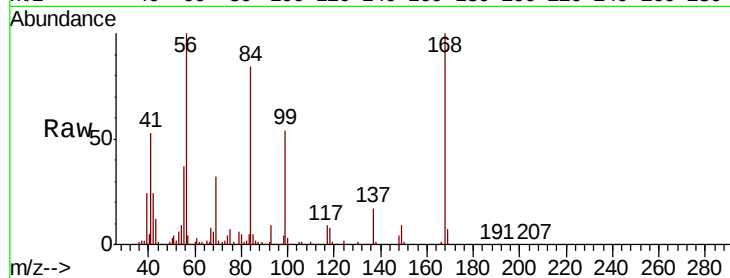




#31
Cyclohexane
Concen: 53.318 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW004522.D
Acq: 08 Aug 2018 04:30

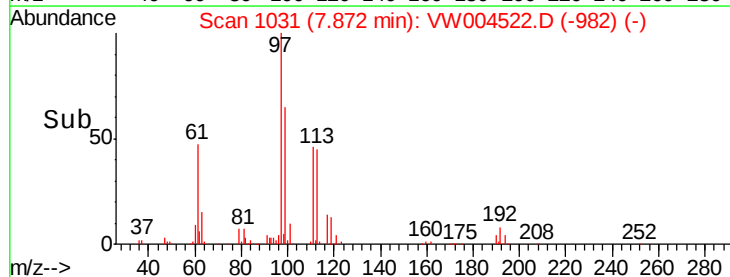
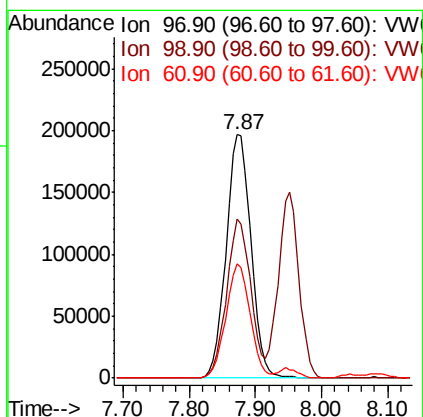
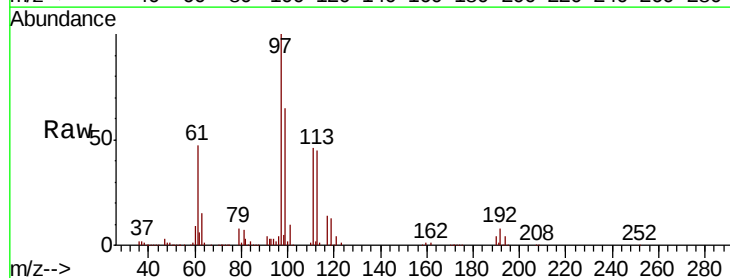
Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-03-1-2MS

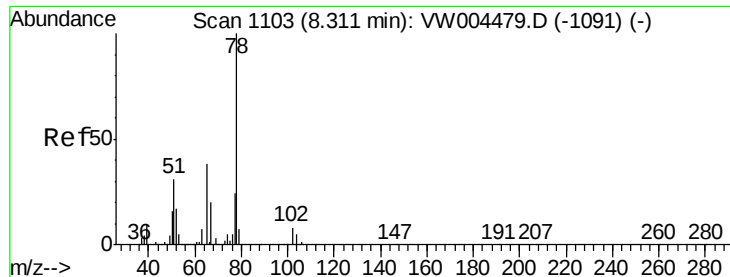
Tgt Ion: 56 Resp: 645921
Ion Ratio Lower Upper
56 100
69 31.7 26.4 39.6
84 82.2 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 54.700 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW004522.D
Acq: 08 Aug 2018 04:30

Tgt Ion: 97 Resp: 510981
Ion Ratio Lower Upper
97 100
99 63.8 51.6 77.4
61 46.1 35.7 53.5

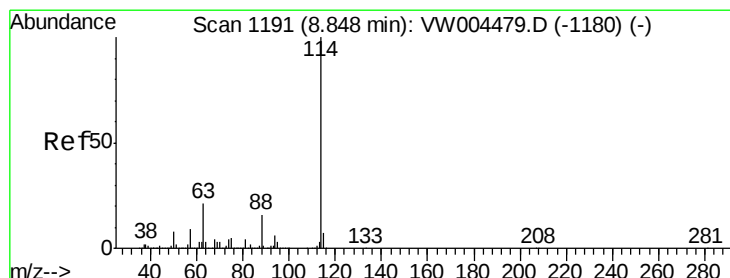
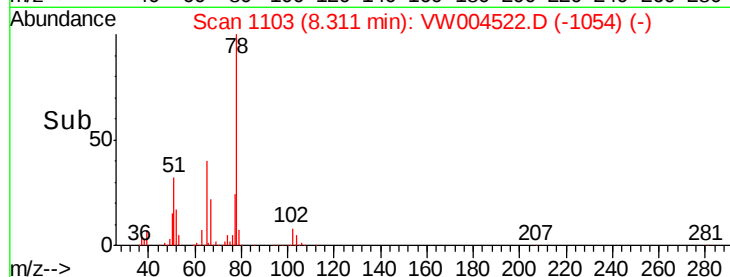
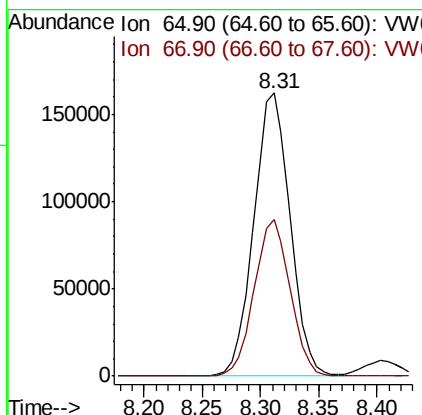
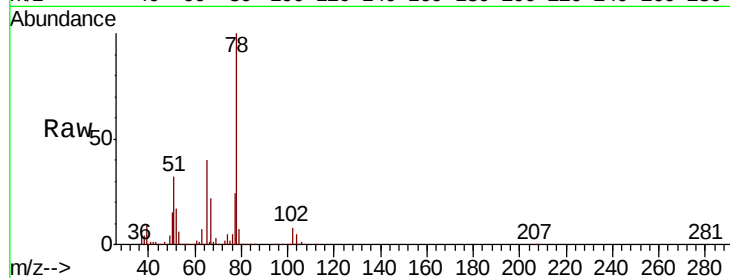




#33
 1,2-Dichloroethane-d4
 Concen: 54.226 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004522.D
 Acq: 08 Aug 2018 04:30

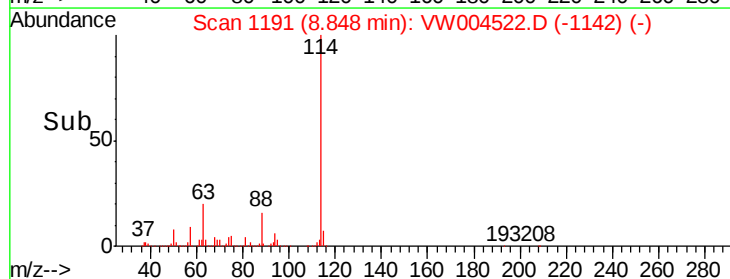
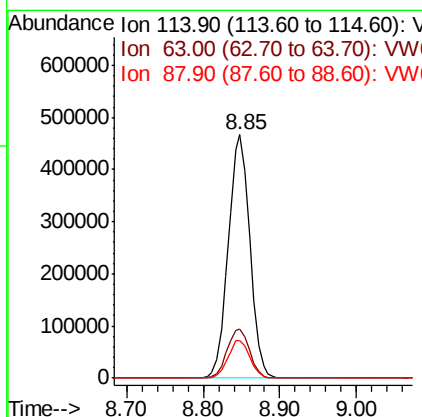
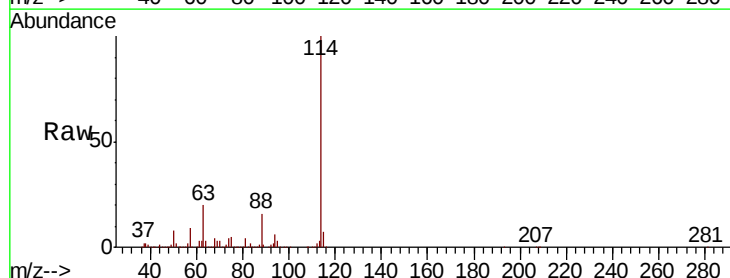
Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-03-1-2MS

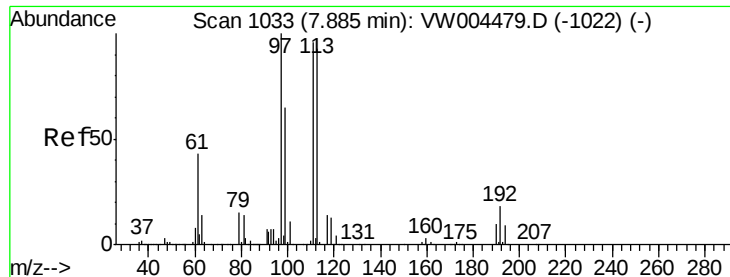
Tgt Ion: 65 Resp: 350691
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004522.D
 Acq: 08 Aug 2018 04:30

Tgt Ion: 114 Resp: 906698
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 42.4
 88 15.6 0.0 31.2

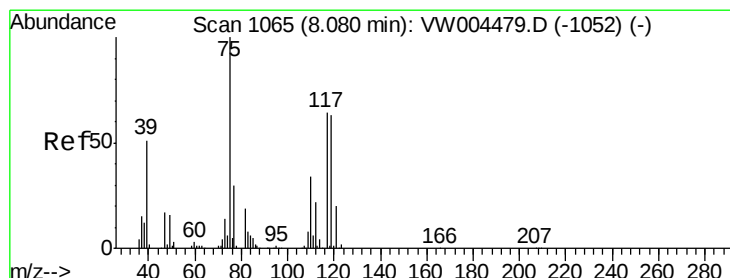
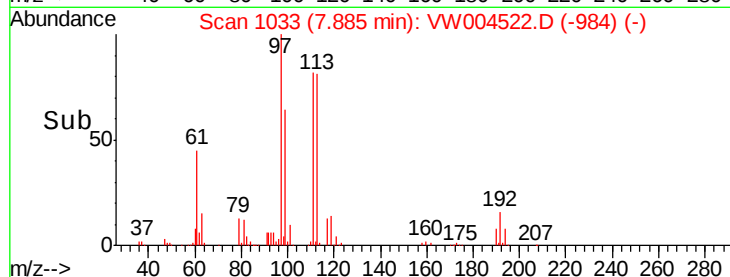
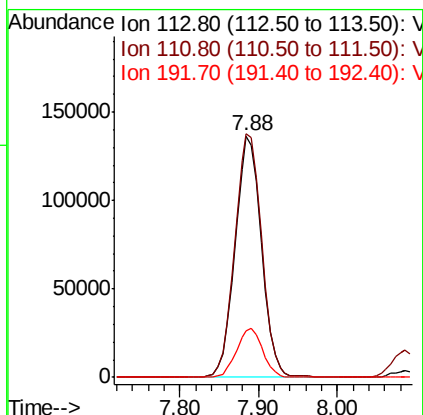
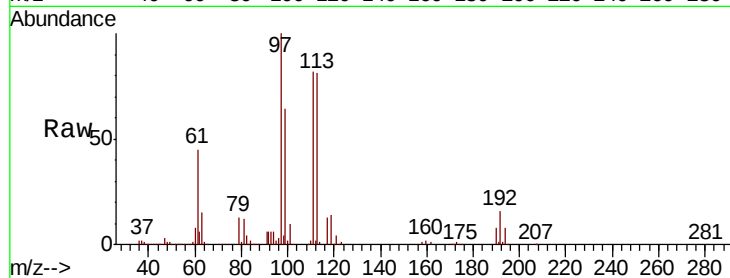




#35
 Dibromofluoromethane
 Concen: 52.341 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004522.D
 Acq: 08 Aug 2018 04:30

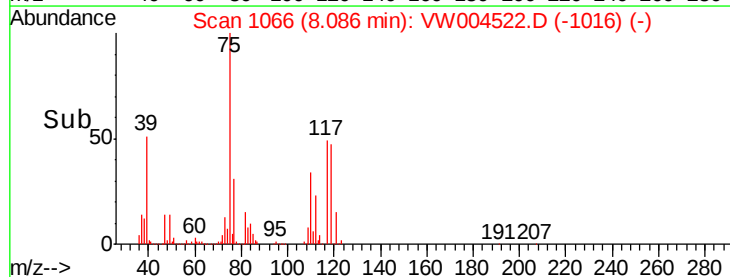
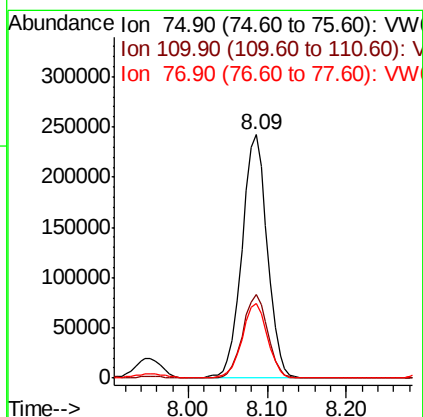
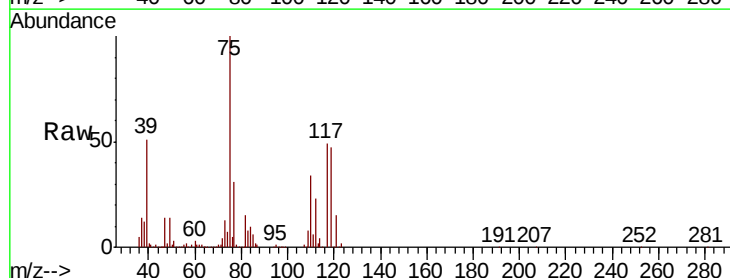
Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-03-1-2MS

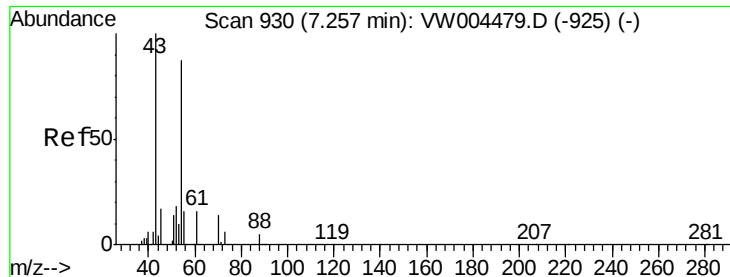
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.9	124.3
192	20.2	15.8	23.6



#36
 1,1-Dichloropropene
 Concen: 55.296 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VW004522.D
 Acq: 08 Aug 2018 04:30

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.9	17.4	52.2
77	31.1	24.7	37.1

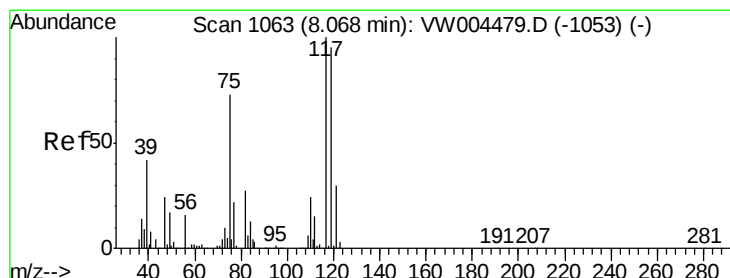
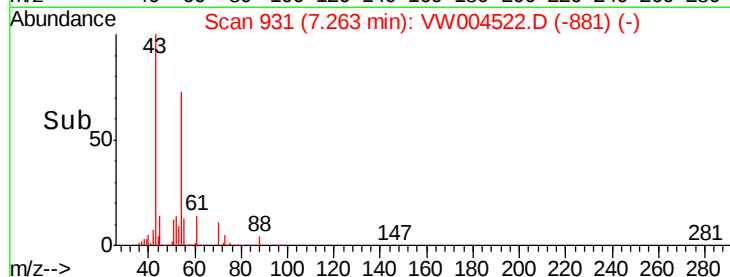
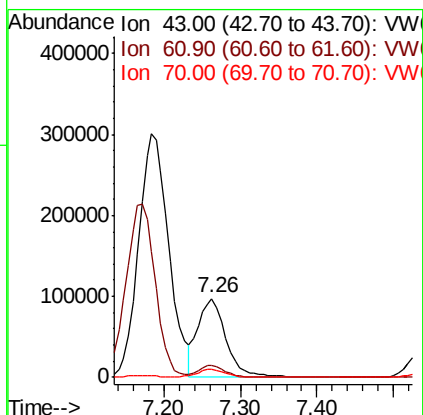
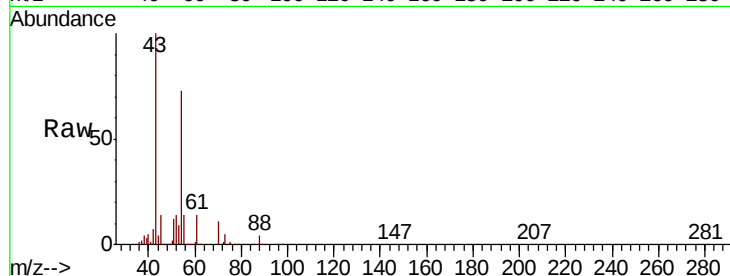




#37
 Ethyl Acetate
 Concen: 54.356 ug/l
 RT: 7.26 min Scan# 931
 Delta R.T. 0.01 min
 Lab File: VW004522.D
 Acq: 08 Aug 2018 04:30

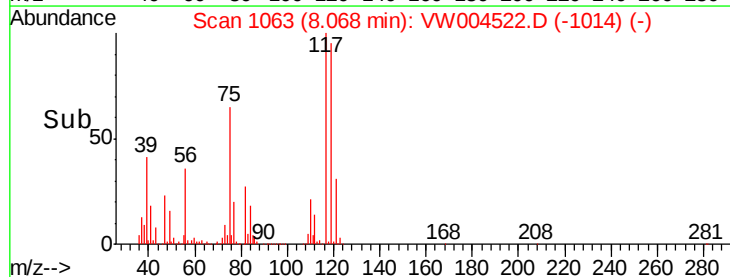
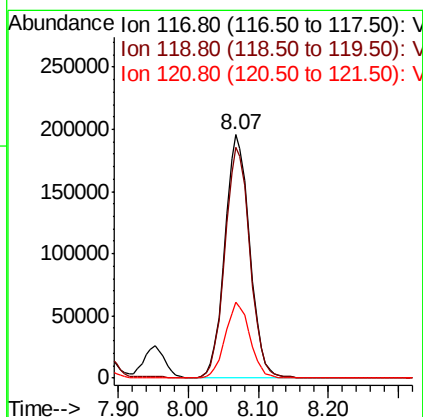
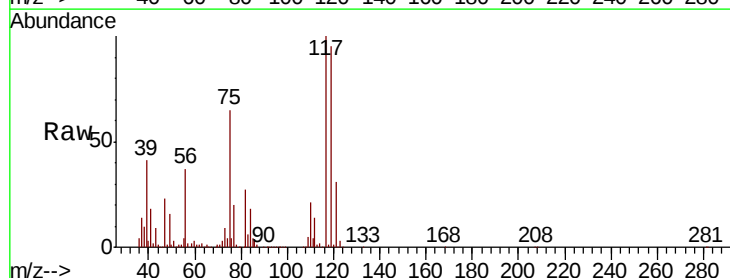
Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-03-1-2MS

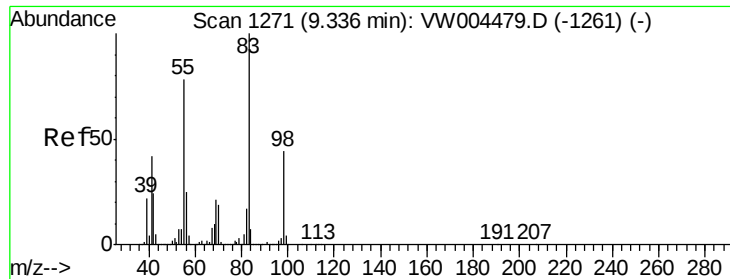
Tgt Ion: 43 Resp: 248532
 Ion Ratio Lower Upper
 43 100
 61 14.2 11.9 17.9
 70 10.4 8.2 12.4



#38
 Carbon Tetrachloride
 Concen: 54.971 ug/l
 RT: 8.07 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: VW004522.D
 Acq: 08 Aug 2018 04:30

Tgt Ion: 117 Resp: 482921
 Ion Ratio Lower Upper
 117 100
 119 95.0 76.1 114.1
 121 31.0 24.2 36.4

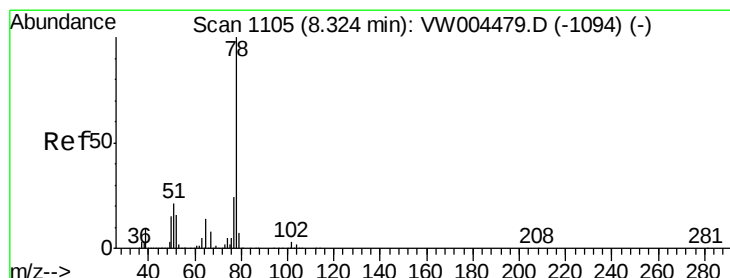
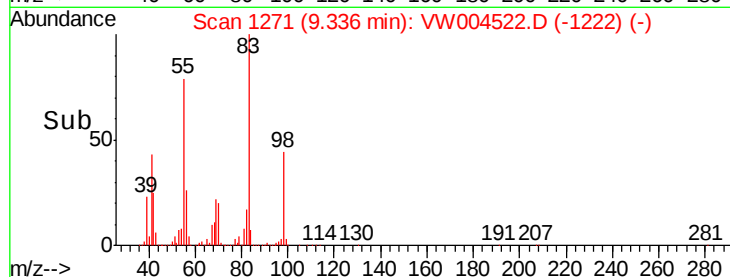
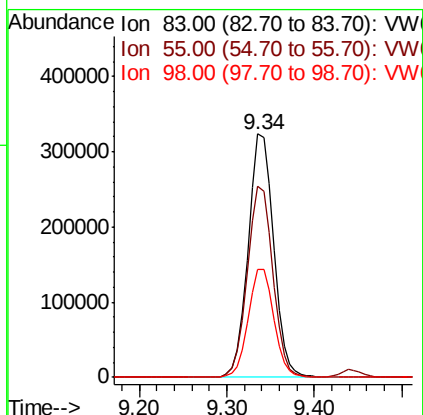
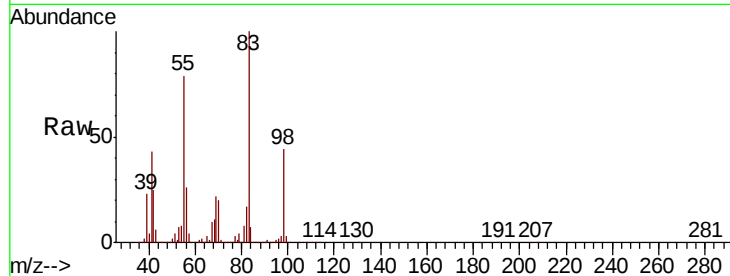




#39
Methylcyclohexane
Concen: 54.558 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004522.D
Acq: 08 Aug 2018 04:30

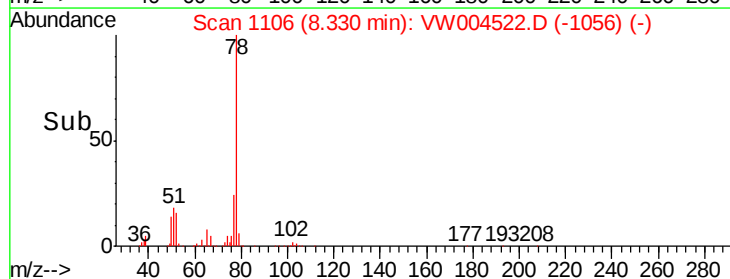
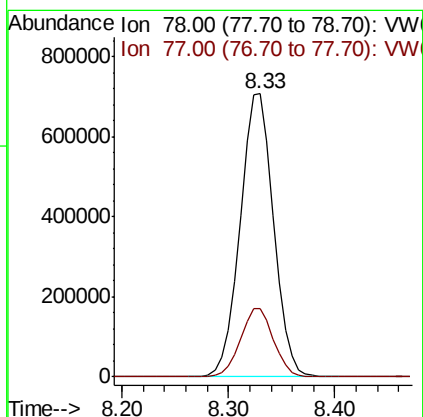
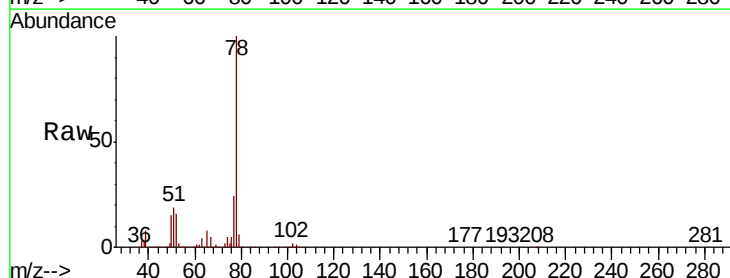
Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-03-1-2MS

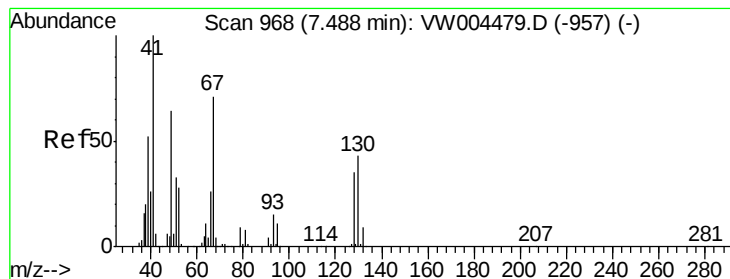
Tgt Ion: 83 Resp: 652851
Ion Ratio Lower Upper
83 100
55 78.6 62.5 93.7
98 44.2 35.4 53.2



#40
Benzene
Concen: 54.435 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.01 min
Lab File: VW004522.D
Acq: 08 Aug 2018 04:30

Tgt Ion: 78 Resp: 1560579
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6





#41

Methacrylonitrile

Concen: 65.966 ug/l

RT: 7.49 min Scan# 969

Delta R.T. 0.01 min

Lab File: VW004522.D

Acq: 08 Aug 2018 04:30

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-03-1-2MS

Tgt Ion: 41 Resp: 168462

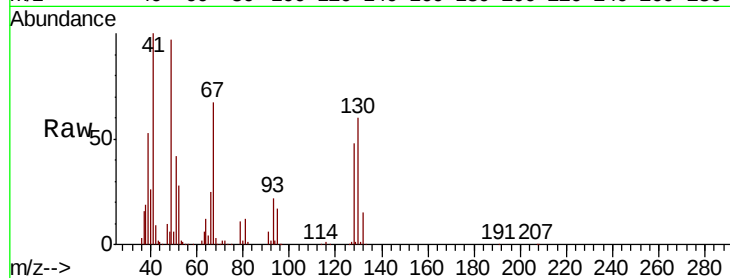
Ion Ratio Lower Upper

41 100

39 51.8 46.2 69.2

67 70.3 60.8 91.2

52 28.4 23.8 35.6

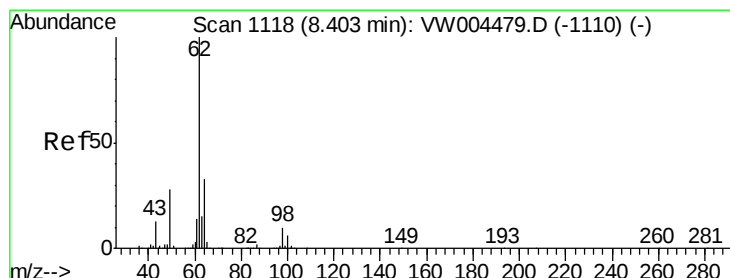
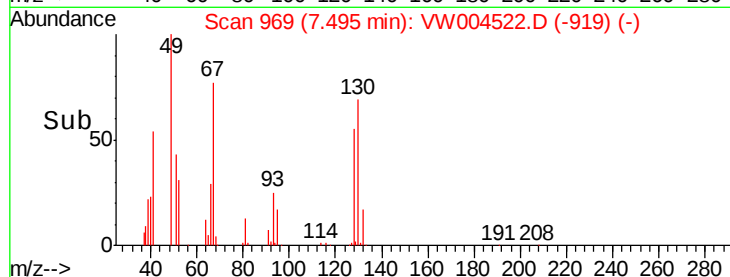
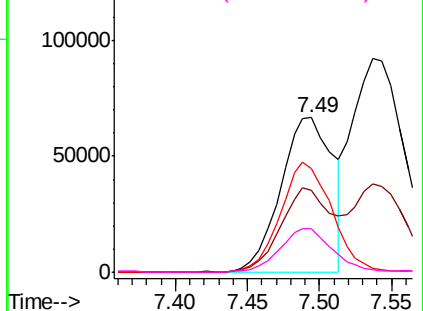


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 56.995 ug/l

RT: 8.40 min Scan# 1118

Delta R.T. 0.00 min

Lab File: VW004522.D

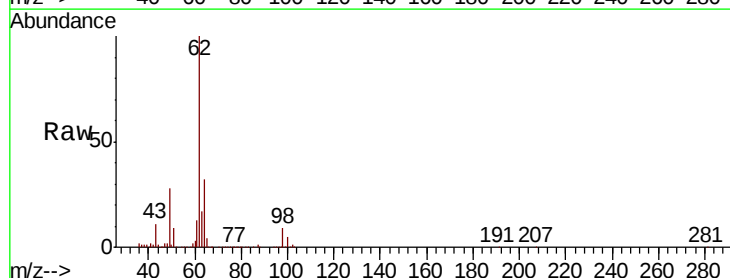
Acq: 08 Aug 2018 04:30

Tgt Ion: 62 Resp: 452069

Ion Ratio Lower Upper

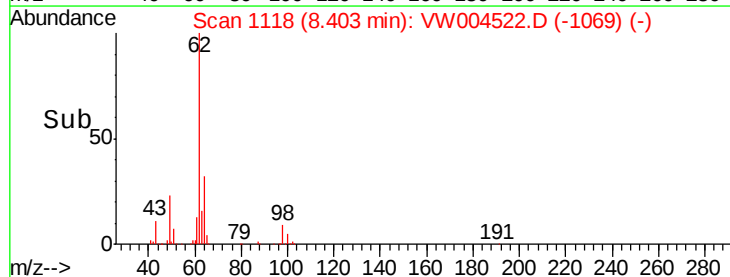
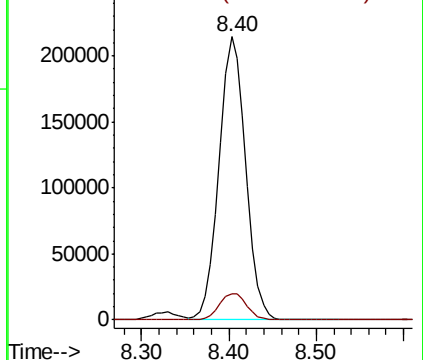
62 100

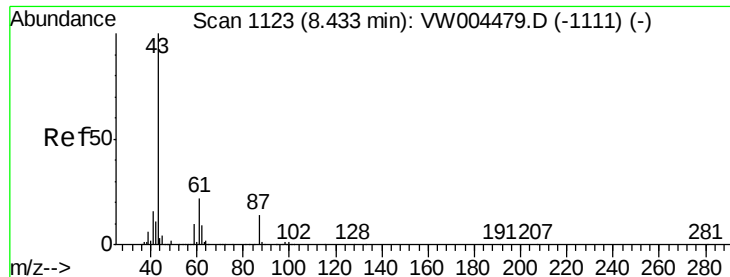
98 9.8 0.0 19.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 57.371 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW004522.D

Acq: 08 Aug 2018 04:30

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-03-1-2MS

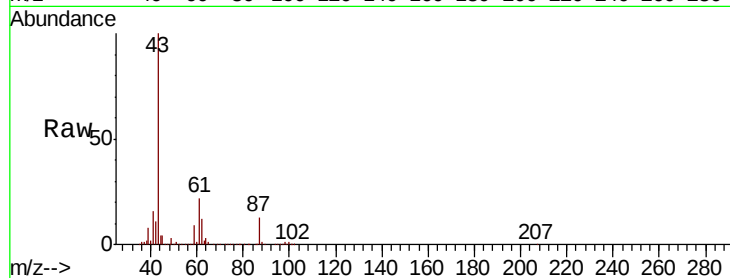
Tgt Ion: 43 Resp: 457248

Ion Ratio Lower Upper

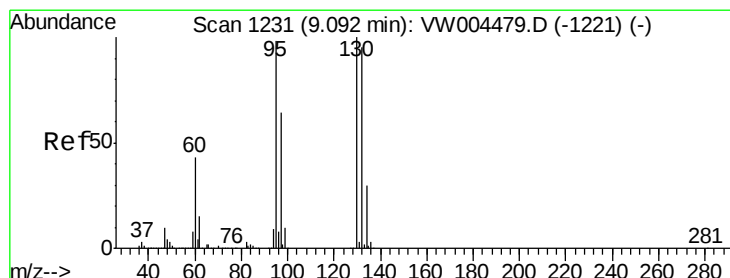
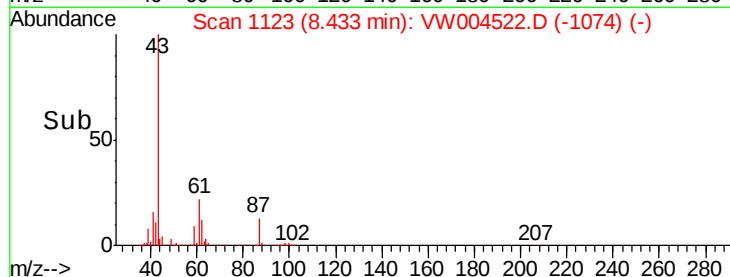
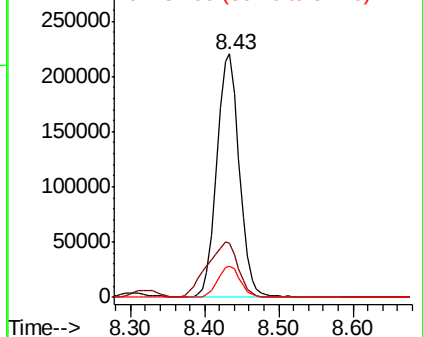
43 100

61 31.5 25.2 37.8

87 13.0 10.6 16.0



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: 52.800 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VW004522.D

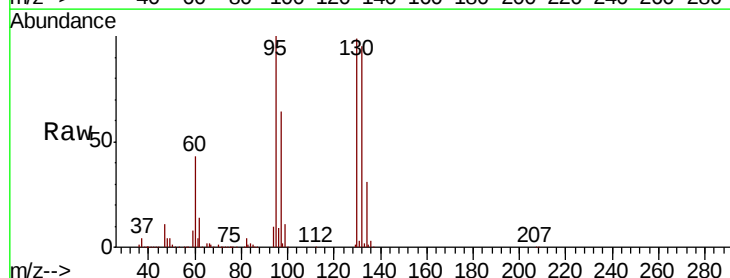
Acq: 08 Aug 2018 04:30

Tgt Ion: 130 Resp: 371955

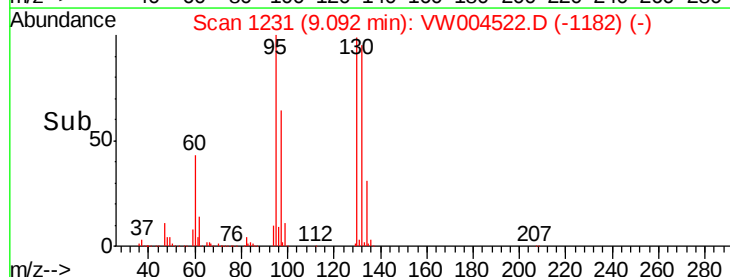
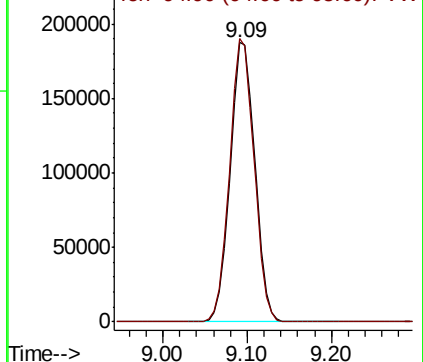
Ion Ratio Lower Upper

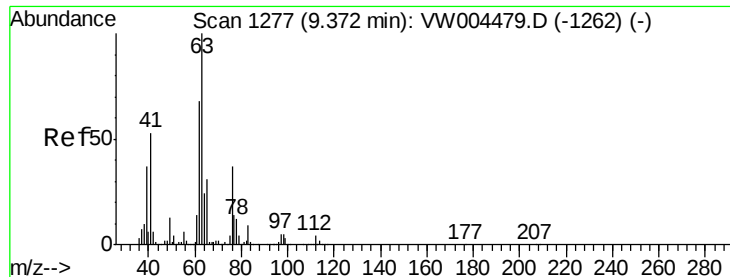
130 100

95 101.3 0.0 196.2



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

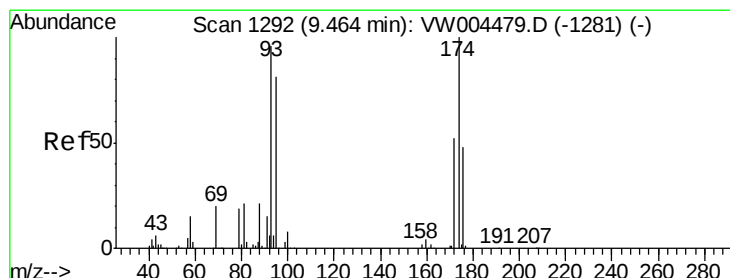
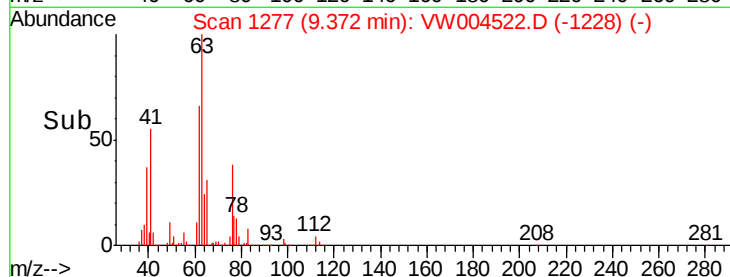
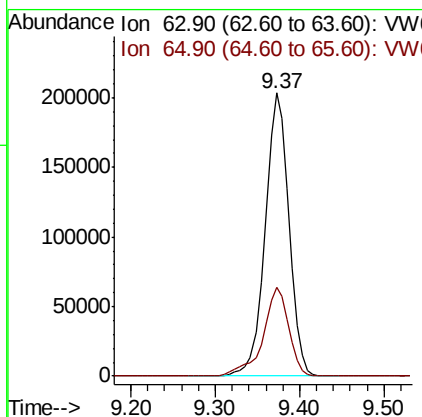
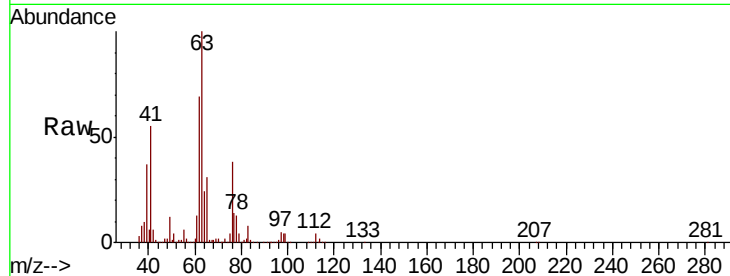




#45
 1,2-Dichloropropane
 Concen: 55.055 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004522.D
 Acq: 08 Aug 2018 04:30

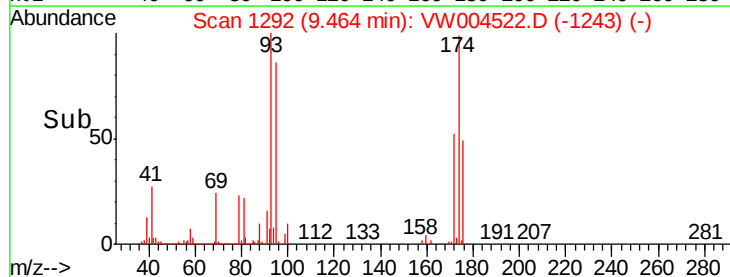
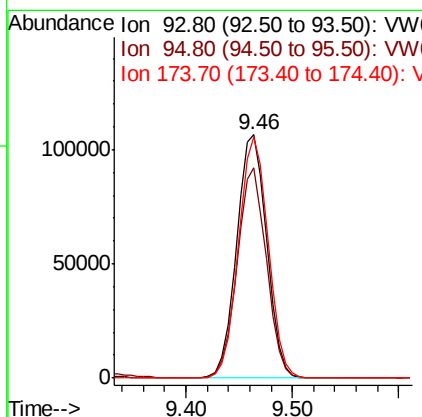
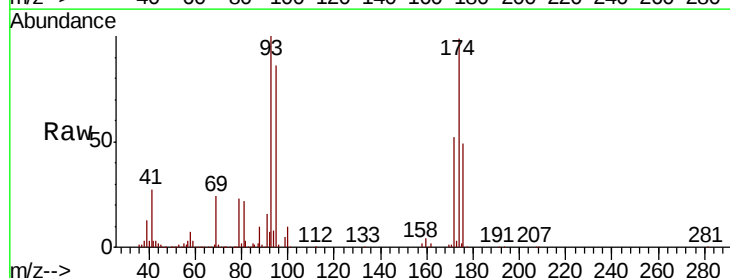
Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-03-1-2MS

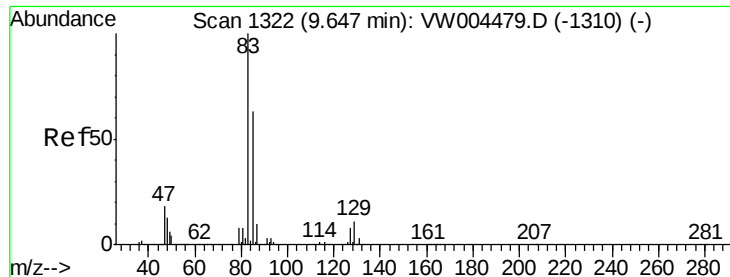
Tgt Ion: 63 Resp: 395268
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.5 36.7



#46
 Dibromomethane
 Concen: 57.876 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW004522.D
 Acq: 08 Aug 2018 04:30

Tgt Ion: 93 Resp: 211532
 Ion Ratio Lower Upper
 93 100
 95 83.9 67.0 100.4
 174 97.8 80.2 120.4





#47

Bromodichloromethane

Concen: 54.606 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004522.D

Acq: 08 Aug 2018 04:30

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-03-1-2MS

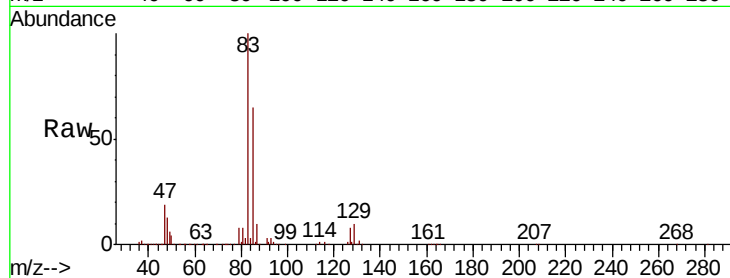
Tgt Ion: 83 Resp: 471101

Ion Ratio Lower Upper

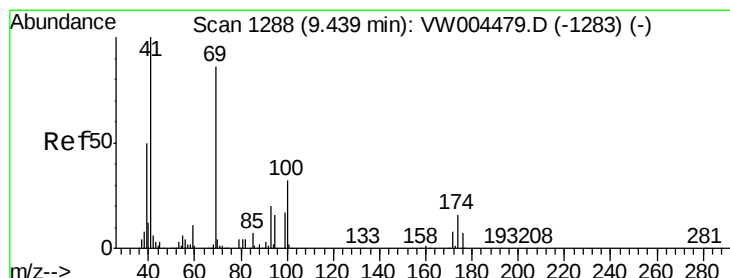
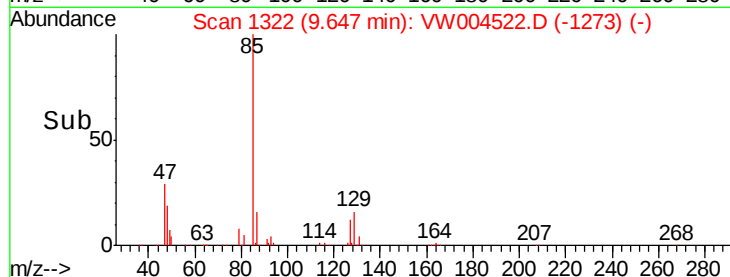
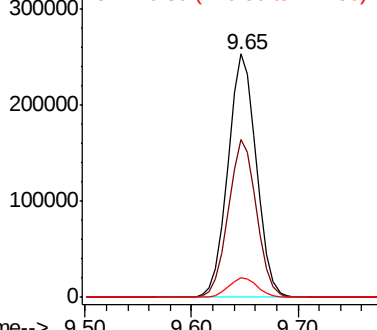
83 100

85 64.6 50.7 76.1

127 8.0 6.5 9.7



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: 67.220 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VW004522.D

Acq: 08 Aug 2018 04:30

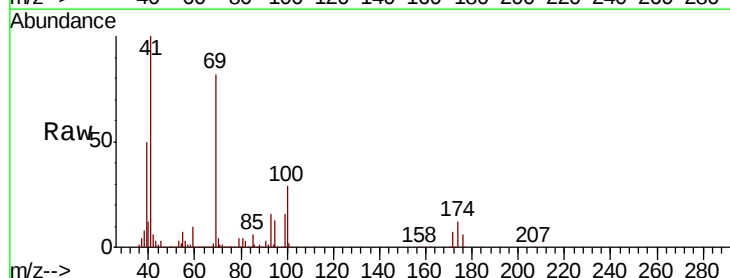
Tgt Ion: 41 Resp: 250395

Ion Ratio Lower Upper

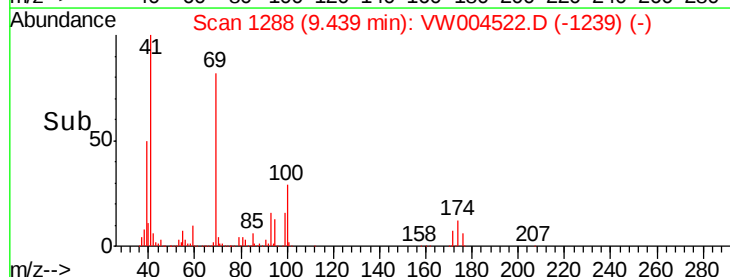
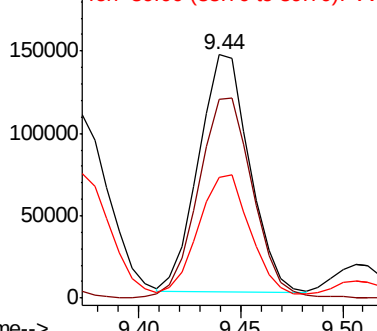
41 100

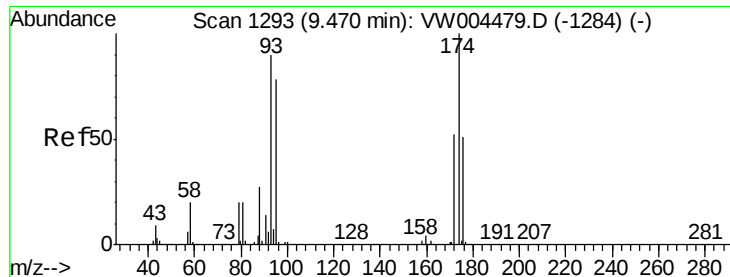
69 90.2 73.2 109.8

39 50.6 40.6 60.8



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

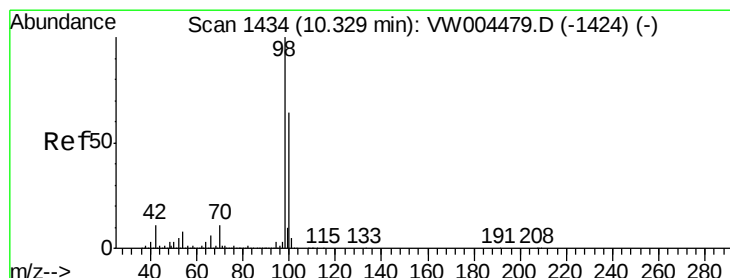
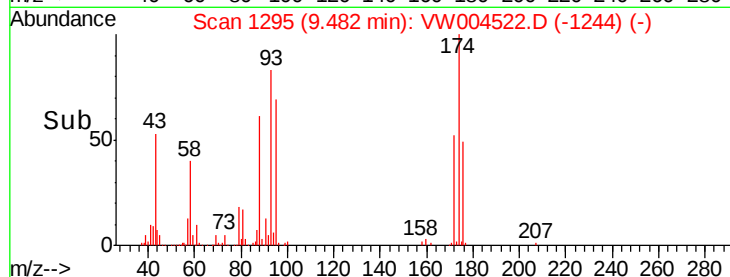
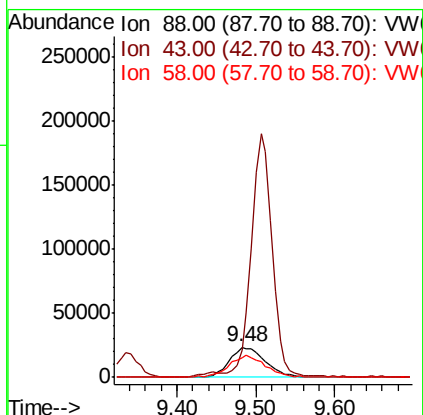
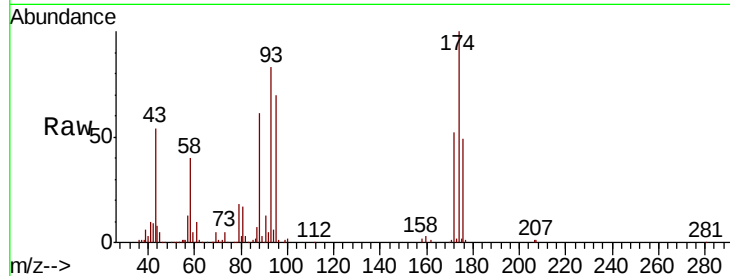




#49
1,4-Dioxane
Concen: 1328.241 ug/l
RT: 9.48 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VW004522.D
Acq: 08 Aug 2018 04:30

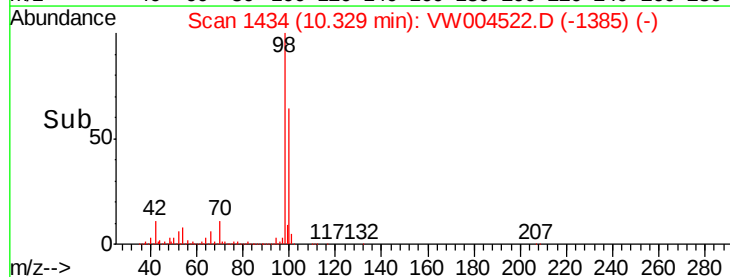
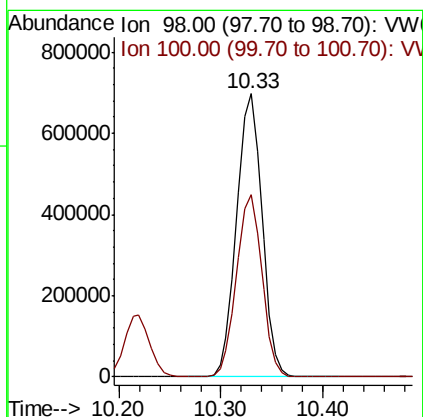
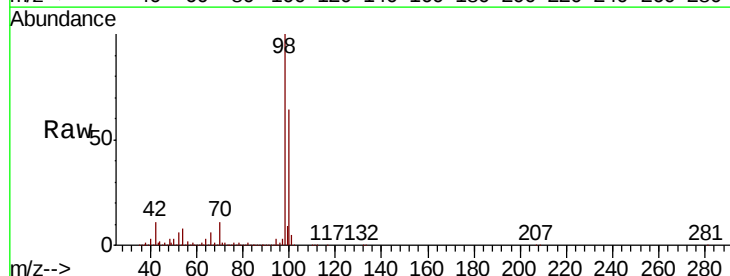
Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-03-1-2MS

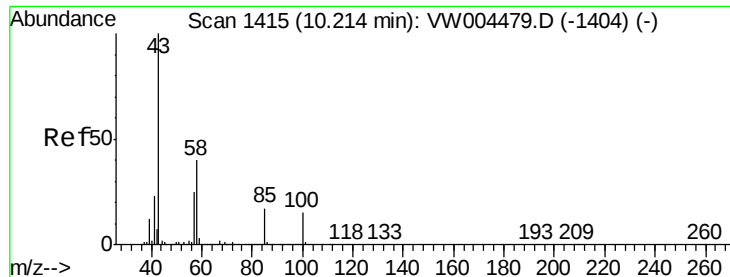
Tgt Ion: 88 Resp: 74063
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 74.4 63.5 95.3



#50
Toluene-d8
Concen: 52.259 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004522.D
Acq: 08 Aug 2018 04:30

Tgt Ion: 98 Resp: 1204465
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.2

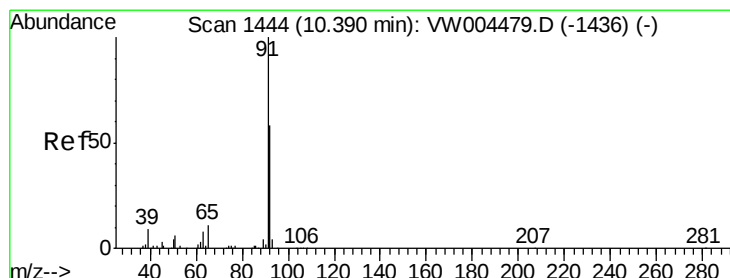
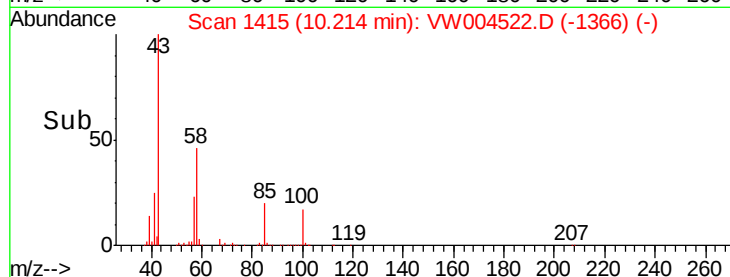
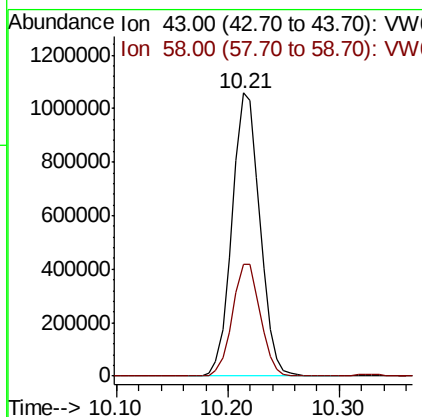
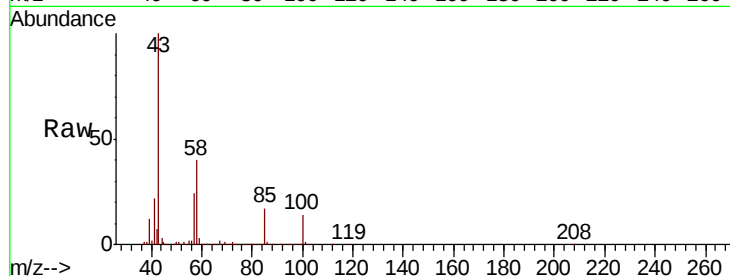




#51
 4-Methyl-2-Pentanone
 Concen: 330.393 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VW004522.D
 Acq: 08 Aug 2018 04:30

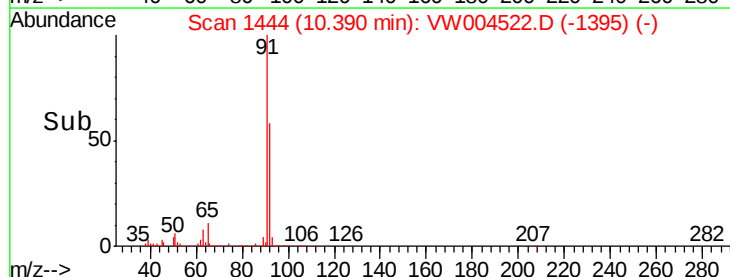
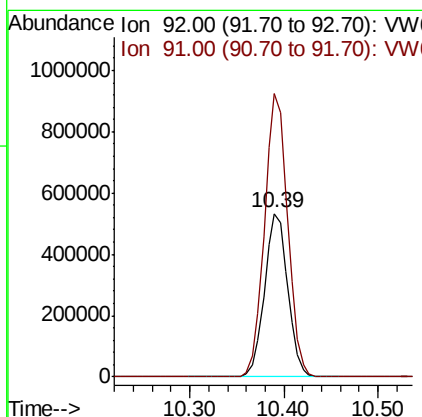
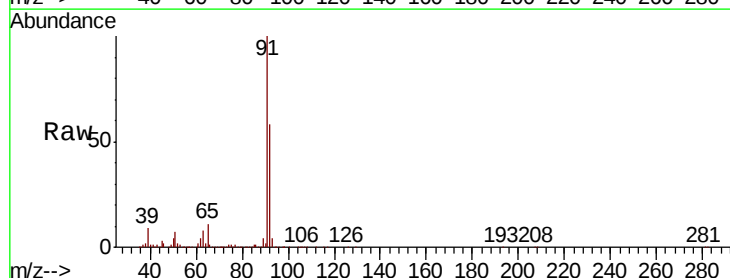
Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-03-1-2MS

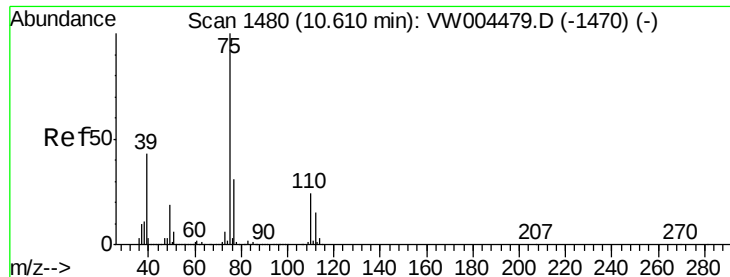
Tgt Ion: 43 Resp: 1832913
 Ion Ratio Lower Upper
 43 100
 58 39.7 31.9 47.9



#52
 Toluene
 Concen: 54.568 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW004522.D
 Acq: 08 Aug 2018 04:30

Tgt Ion: 92 Resp: 922490
 Ion Ratio Lower Upper
 92 100
 91 173.5 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 53.639 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW004522.D

Acq: 08 Aug 2018 04:30

Instrument :

MSVOA_W

ClientSampleId :

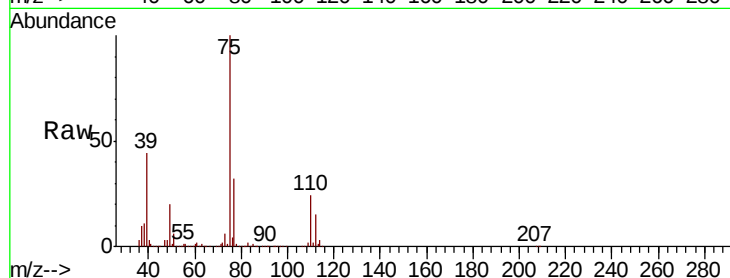
JTY-SB-03-1-2MS

Tgt Ion: 75 Resp: 464653

Ion Ratio Lower Upper

75 100

77 31.9 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.61

300000

250000

200000

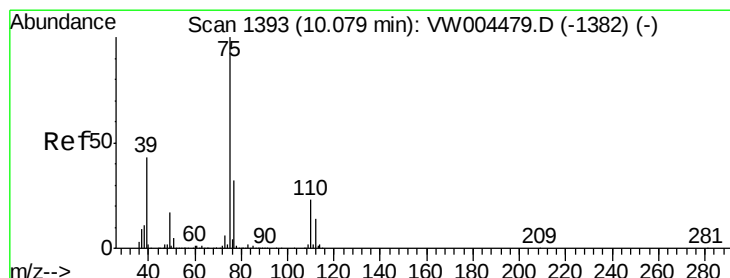
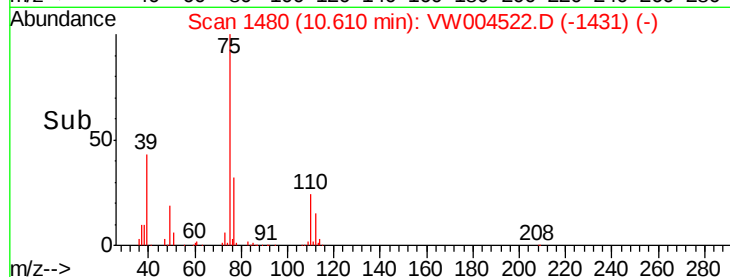
150000

100000

50000

0

Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 53.549 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW004522.D

Acq: 08 Aug 2018 04:30

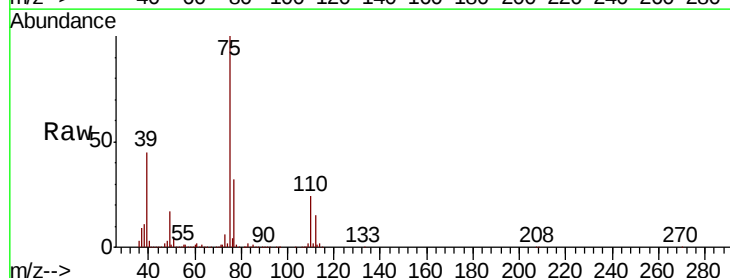
Tgt Ion: 75 Resp: 540599

Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9

39 44.5 34.5 51.7



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

400000

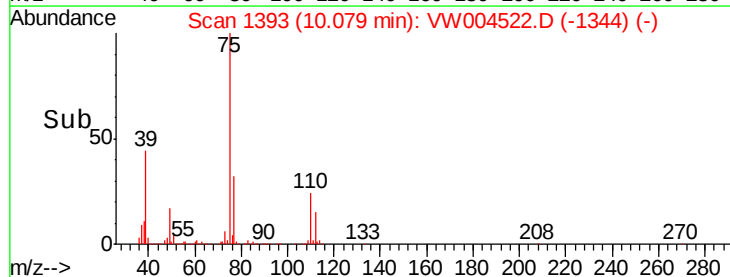
300000

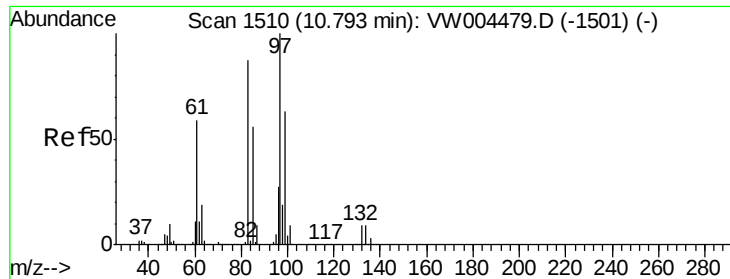
200000

100000

0

Time--> 10.00 10.10





#55

1,1,2-Trichloroethane

Concen: 57.809 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW004522.D

Acq: 08 Aug 2018 04:30

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-03-1-2MS

Tgt Ion: 97 Resp: 302832

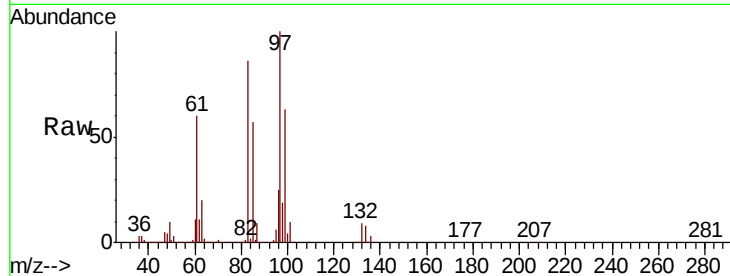
Ion Ratio Lower Upper

97 100

83 86.1 69.8 104.8

85 56.6 45.1 67.7

99 63.2 50.3 75.5



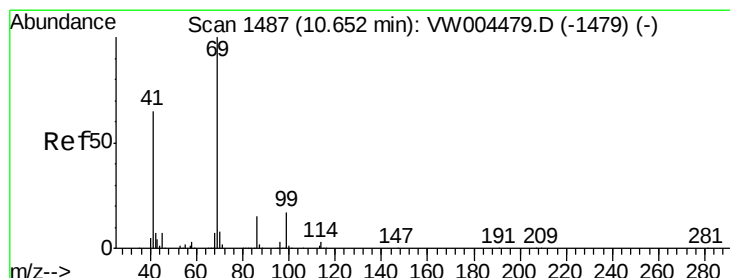
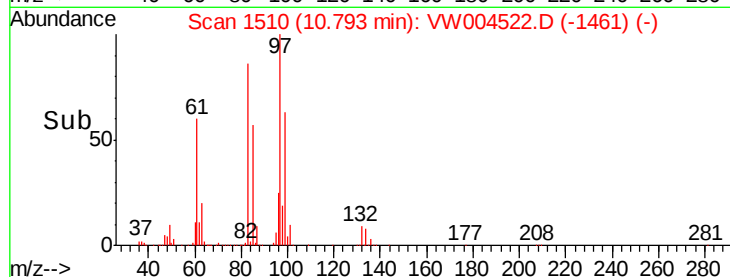
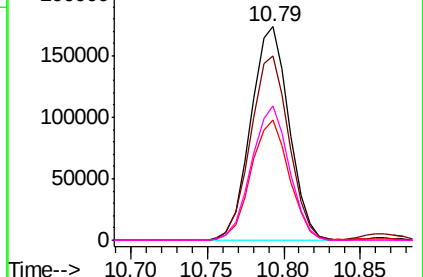
Abundance

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: 59.141 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW004522.D

Acq: 08 Aug 2018 04:30

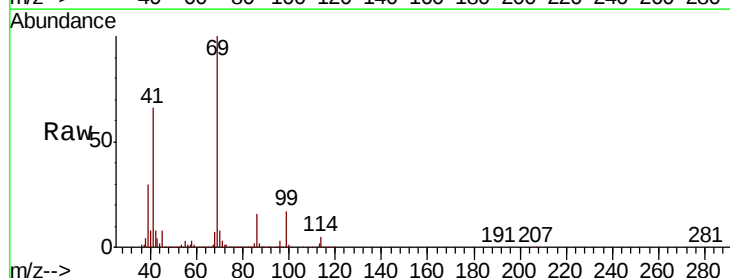
Tgt Ion: 69 Resp: 370920

Ion Ratio Lower Upper

69 100

41 65.4 52.4 78.6

39 28.4 22.7 34.1

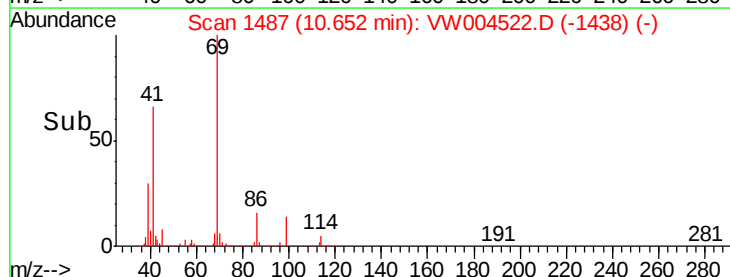
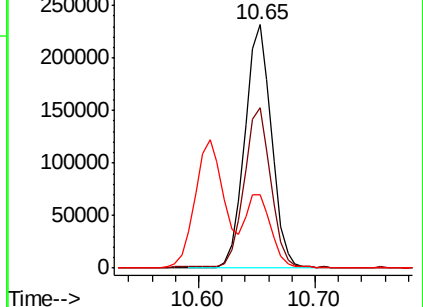


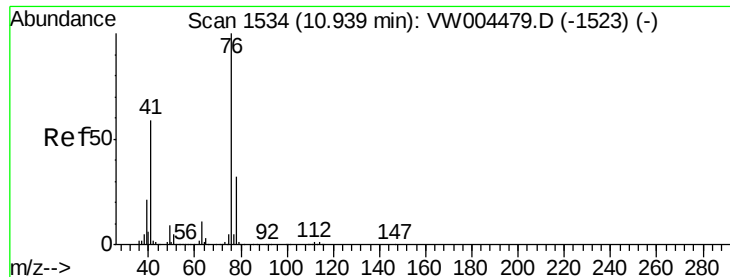
Abundance

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

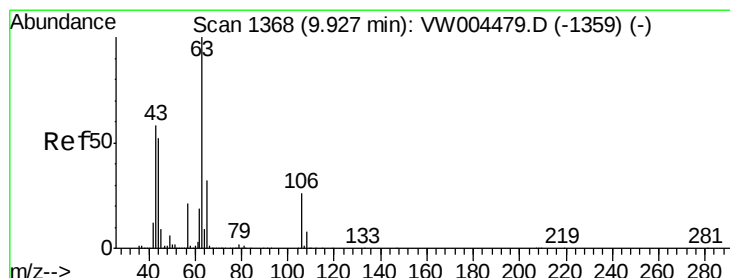
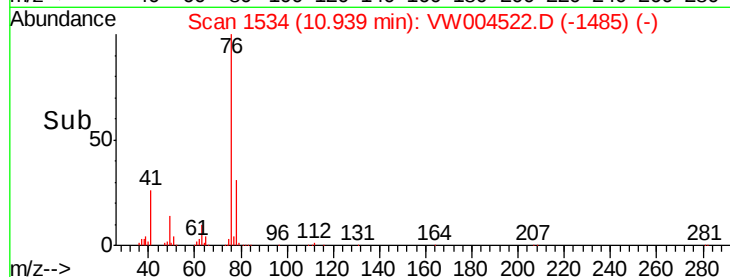
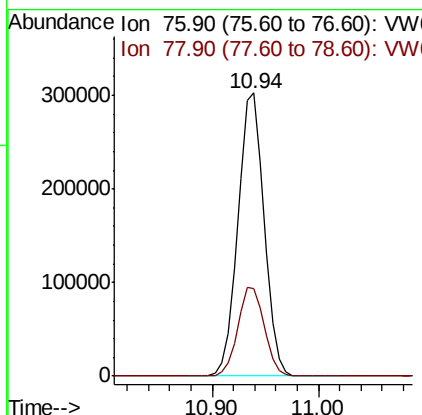
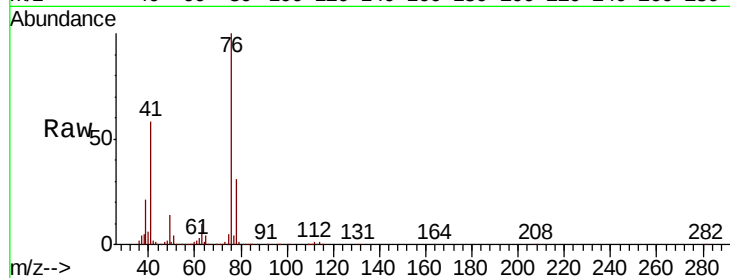




#57
 1,3-Dichloropropane
 Concen: 57.788 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW004522.D
 Acq: 08 Aug 2018 04:30

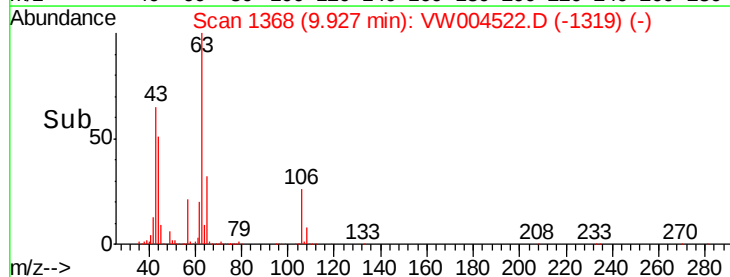
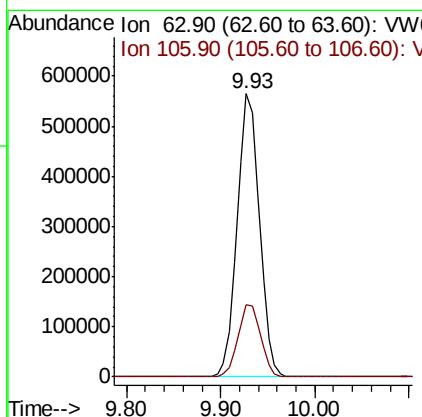
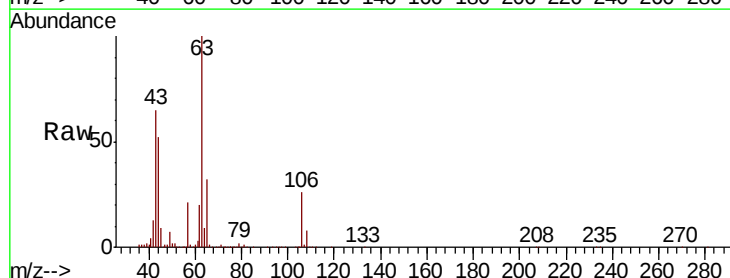
Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-03-1-2MS

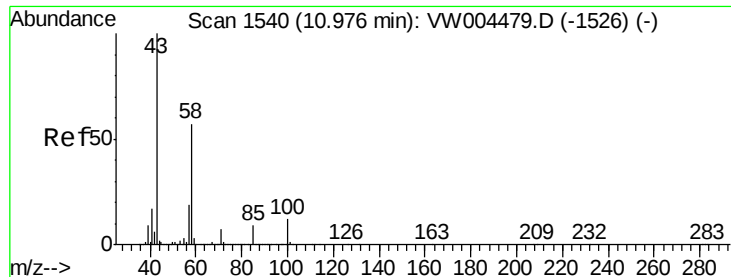
Tgt Ion: 76 Resp: 521770
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 278.040 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW004522.D
 Acq: 08 Aug 2018 04:30

Tgt Ion: 63 Resp: 929545
 Ion Ratio Lower Upper
 63 100
 106 26.2 21.3 31.9

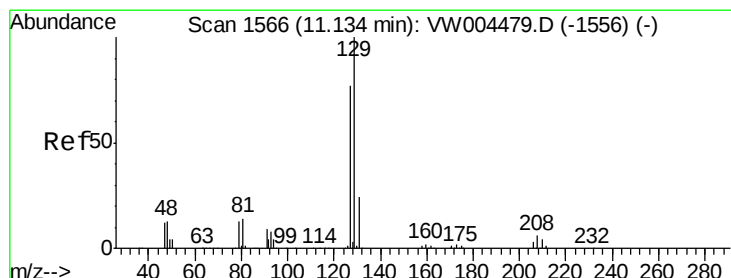
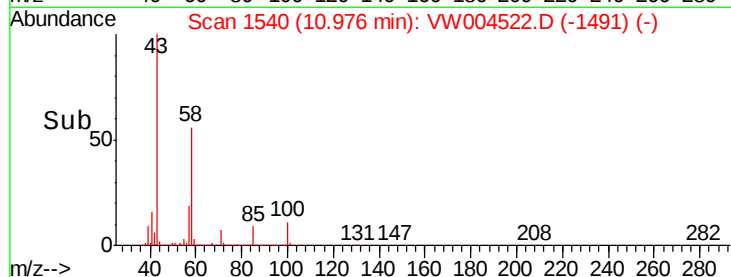
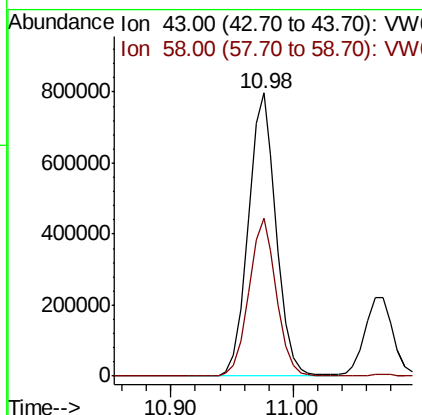
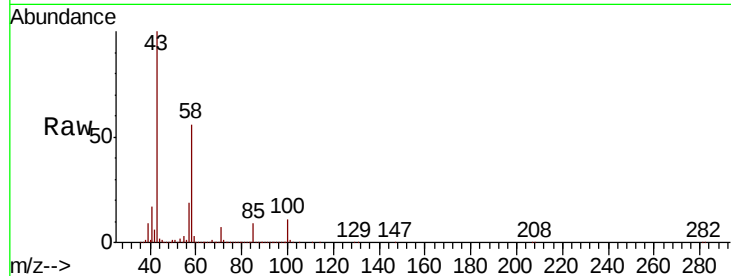




#59
2-Hexanone
Concen: 334.028 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004522.D
Acq: 08 Aug 2018 04:30

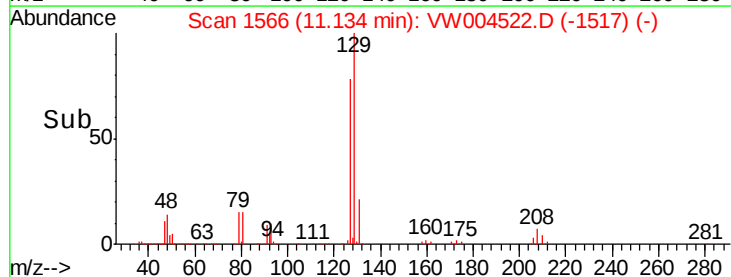
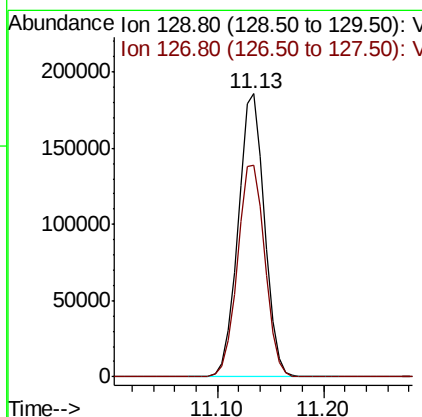
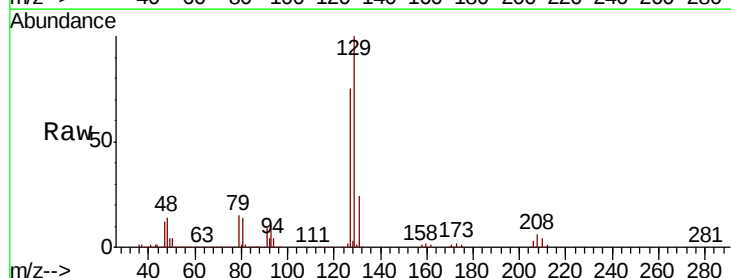
Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-03-1-2MS

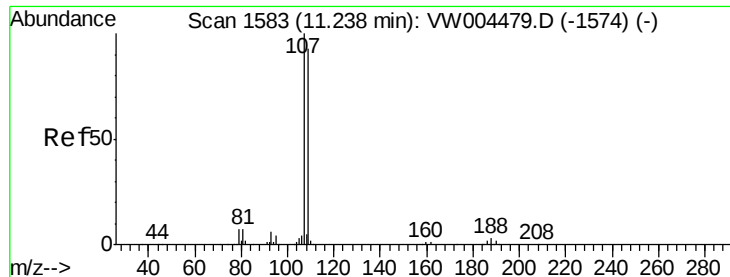
Tgt Ion: 43 Resp: 1256402
Ion Ratio Lower Upper
43 100
58 55.1 27.9 83.6



#60
Dibromochloromethane
Concen: 56.639 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW004522.D
Acq: 08 Aug 2018 04:30

Tgt Ion: 129 Resp: 322706
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.8





#61

1,2-Dibromoethane

Concen: 57.976 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW004522.D

Acq: 08 Aug 2018 04:30

Instrument :

MSVOA_W

ClientSampleId :

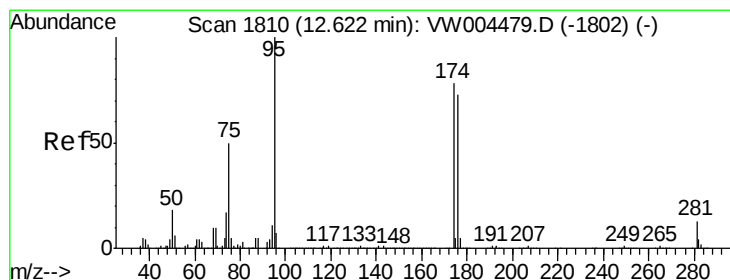
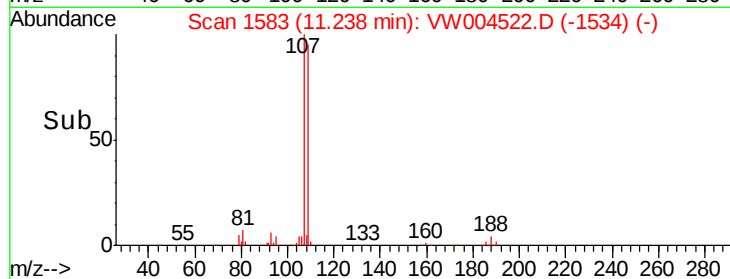
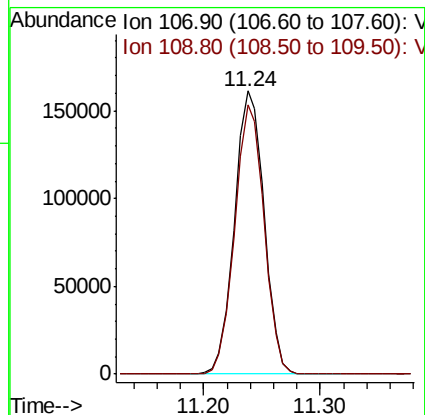
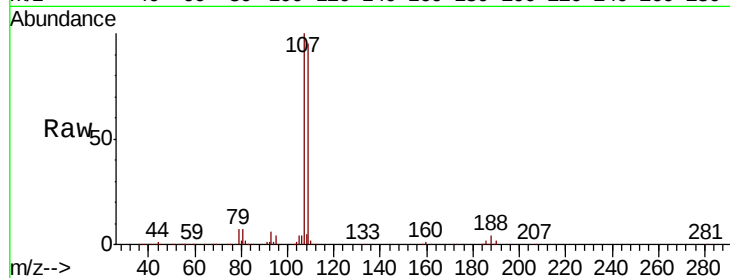
JTY-SB-03-1-2MS

Tgt Ion: 107 Resp: 285333

Ion Ratio Lower Upper

107 100

109 94.6 75.7 113.5



#62

4-Bromofluorobenzene

Concen: 50.885 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004522.D

Acq: 08 Aug 2018 04:30

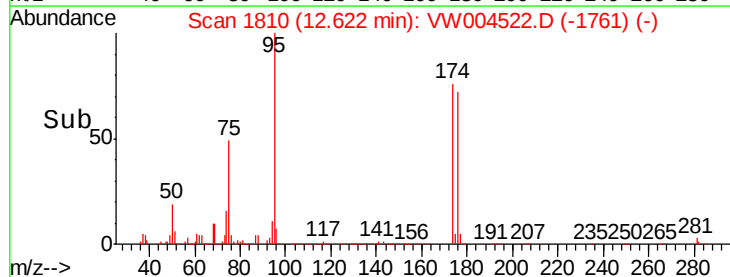
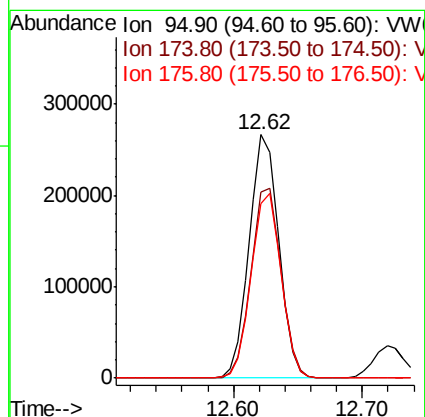
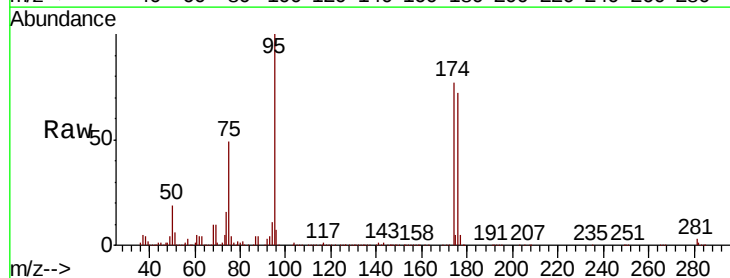
Tgt Ion: 95 Resp: 422465

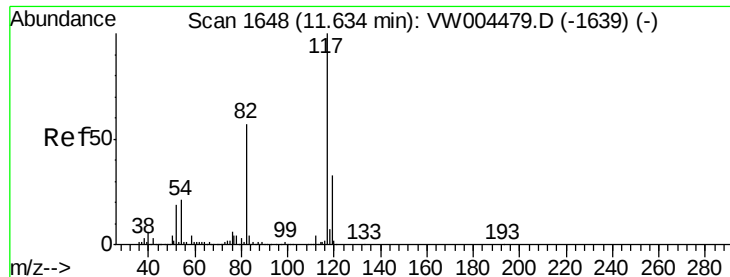
Ion Ratio Lower Upper

95 100

174 79.4 0.0 160.4

176 76.7 0.0 153.2

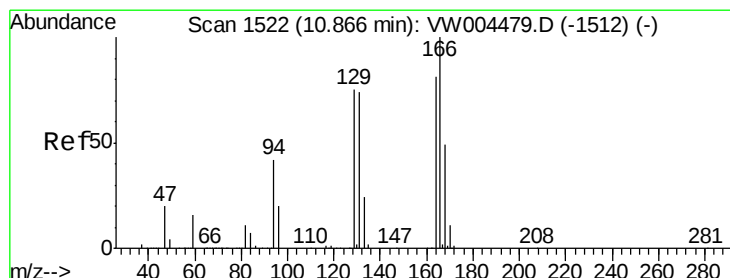
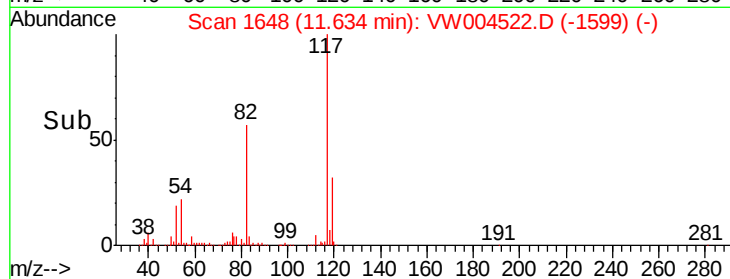
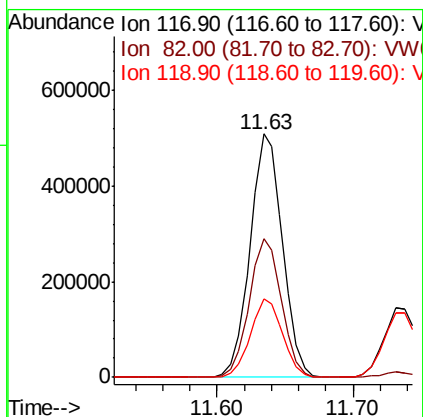
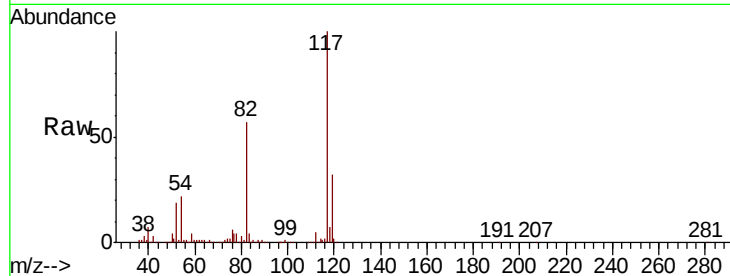




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004522.D
Acq: 08 Aug 2018 04:30

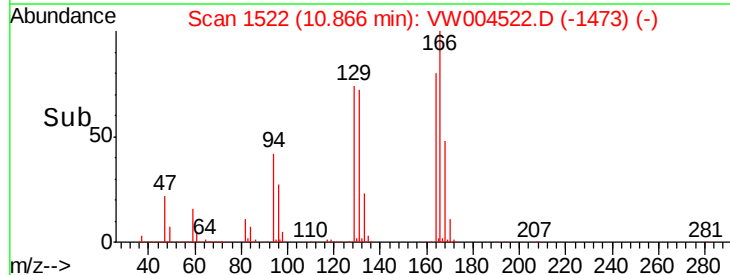
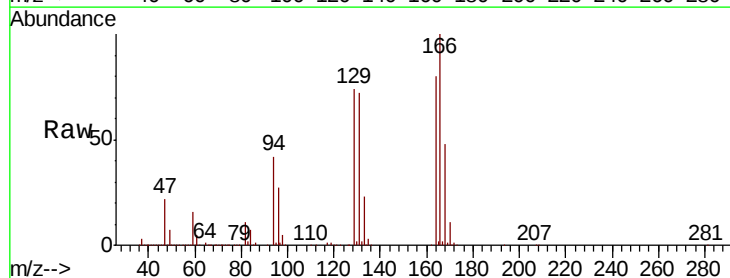
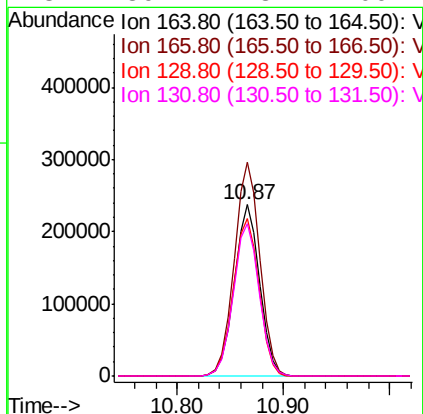
Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-03-1-2MS

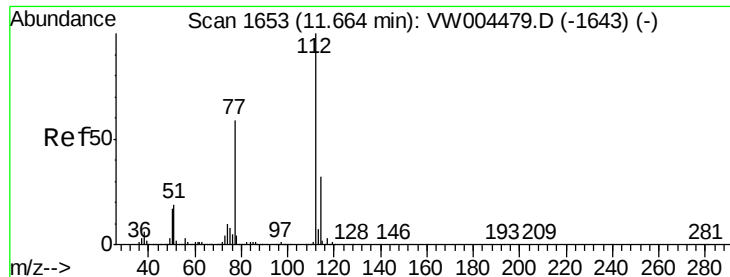
Tgt Ion:117 Resp: 848816
Ion Ratio Lower Upper
117 100
82 57.0 45.3 67.9
119 32.3 26.2 39.4



#64
Tetrachloroethene
Concen: 66.557 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004522.D
Acq: 08 Aug 2018 04:30

Tgt Ion:164 Resp: 394099
Ion Ratio Lower Upper
164 100
166 124.9 98.4 147.6
129 92.2 73.6 110.4
131 89.4 73.1 109.7





#65

Chlorobenzene

Concen: 52.422 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW004522.D

Acq: 08 Aug 2018 04:30

Instrument :

MSVOA_W

ClientSampleId :

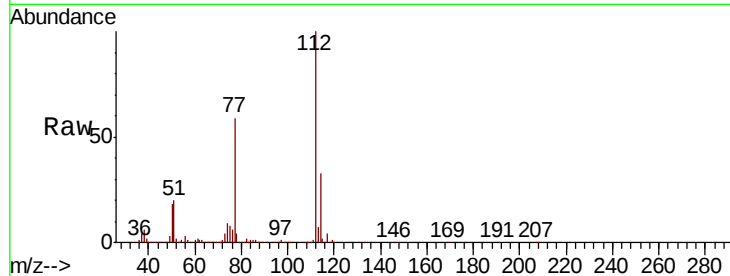
JTY-SB-03-1-2MS

Tgt Ion:112 Resp: 980624

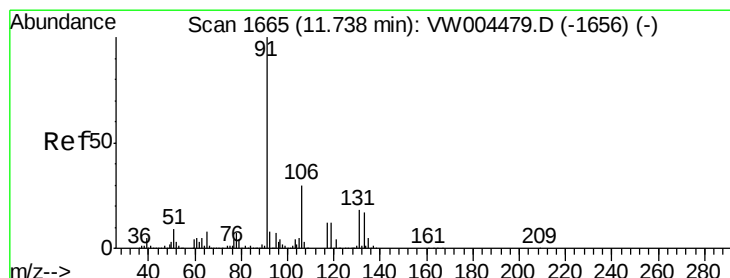
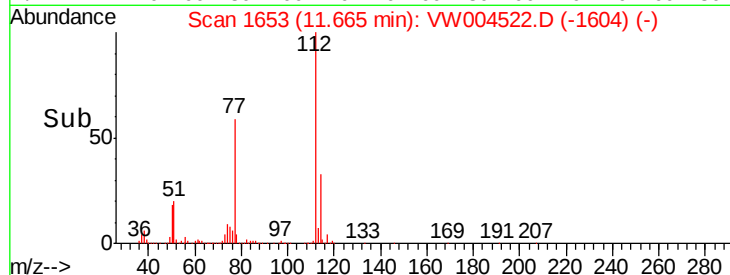
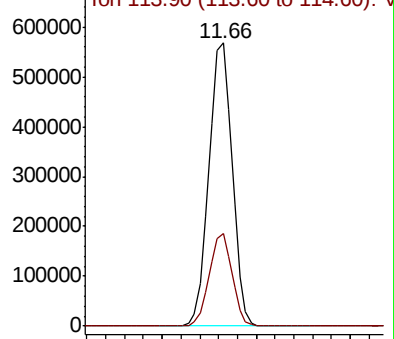
Ion Ratio Lower Upper

112 100

114 32.6 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 54.131 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. -0.01 min

Lab File: VW004522.D

Acq: 08 Aug 2018 04:30

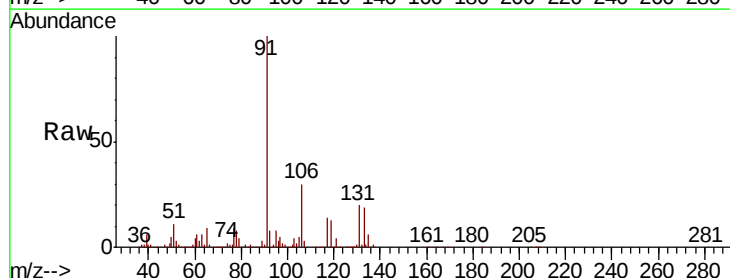
Tgt Ion:131 Resp: 344746

Ion Ratio Lower Upper

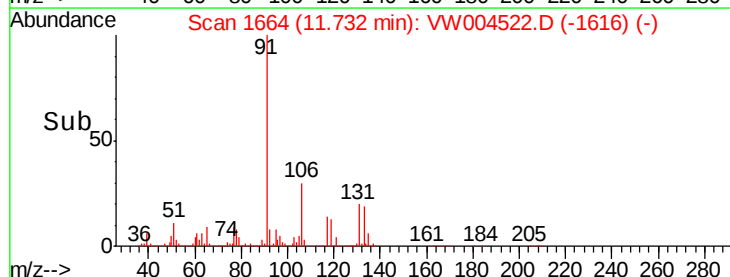
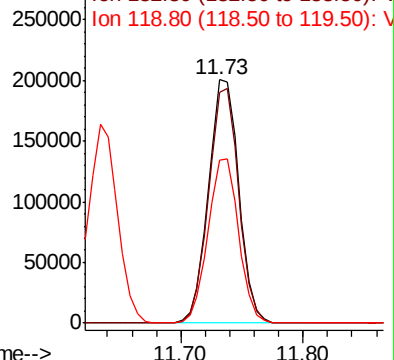
131 100

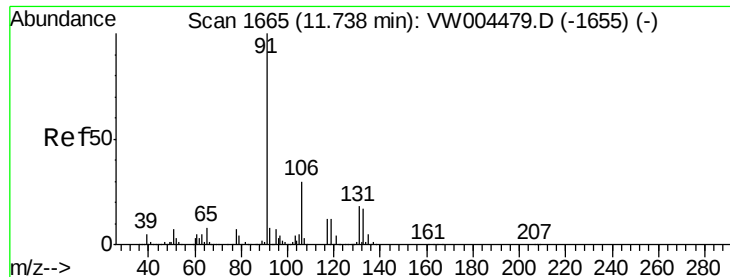
133 95.6 48.1 144.4

119 68.0 33.9 101.7



Abundance Ion 130.80 (130.50 to 131.50): V

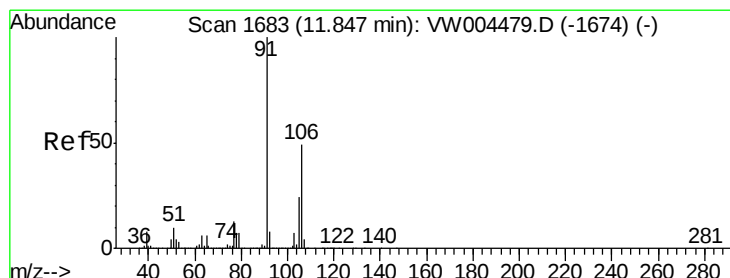
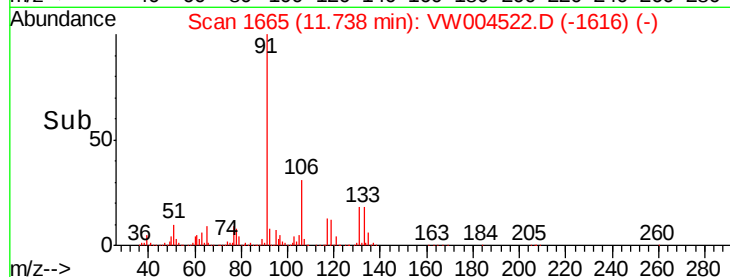
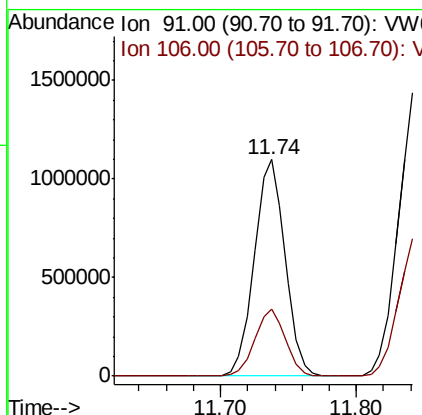
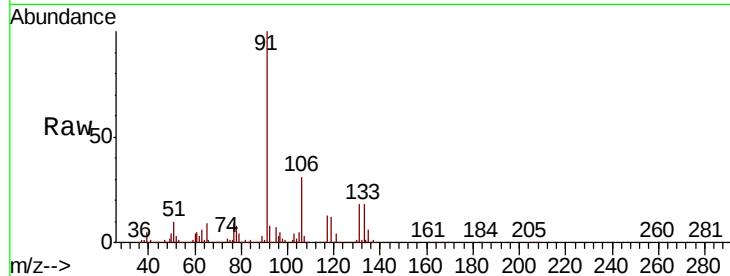




#67
Ethyl Benzene
Concen: 54.910 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004522.D
Acq: 08 Aug 2018 04:30

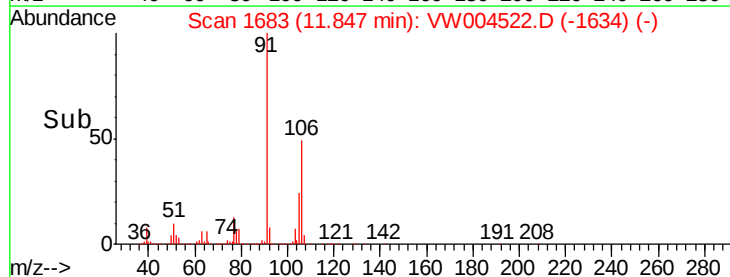
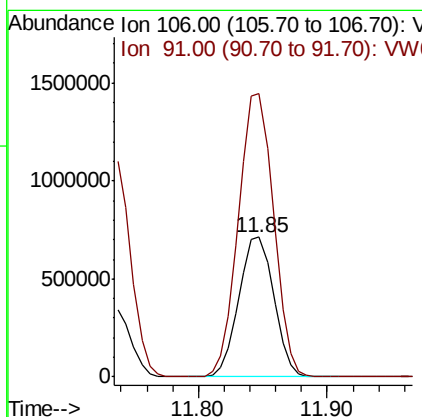
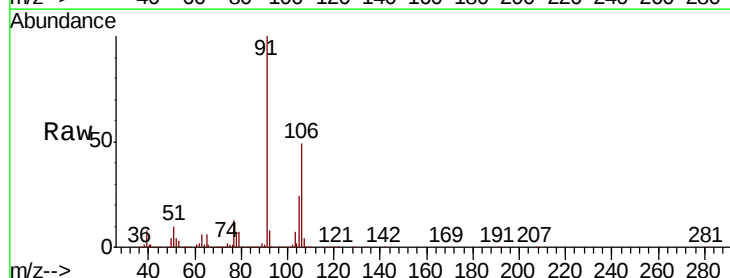
Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-03-1-2MS

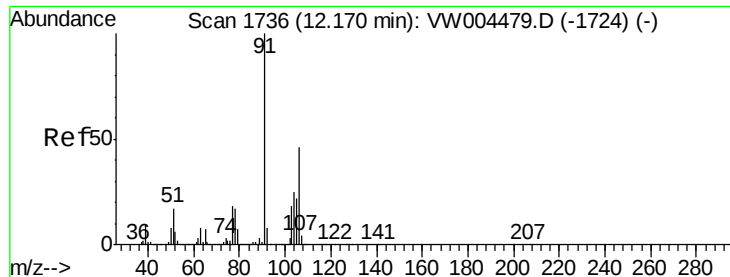
Tgt Ion: 91 Resp: 1741259
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.2



#68
m/p-Xylenes
Concen: 110.130 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW004522.D
Acq: 08 Aug 2018 04:30

Tgt Ion: 106 Resp: 1349668
Ion Ratio Lower Upper
106 100
91 203.4 162.8 244.2

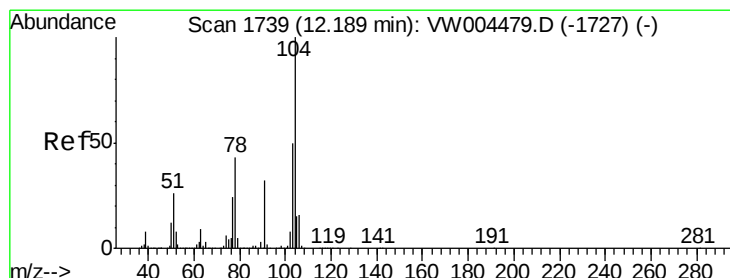
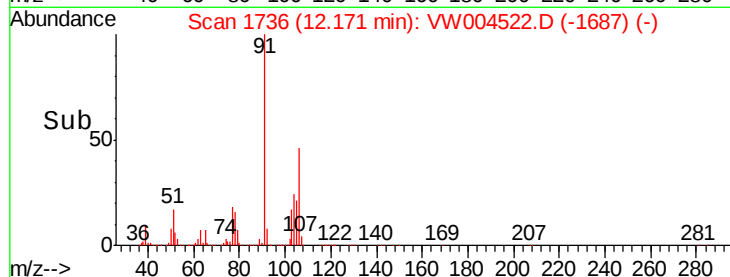
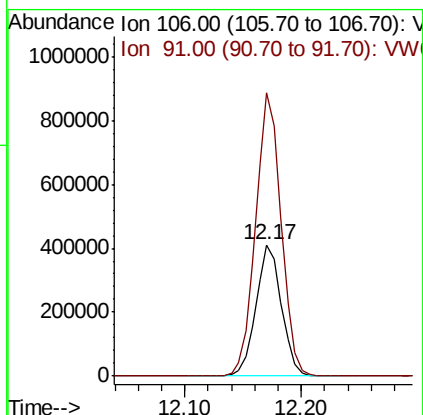
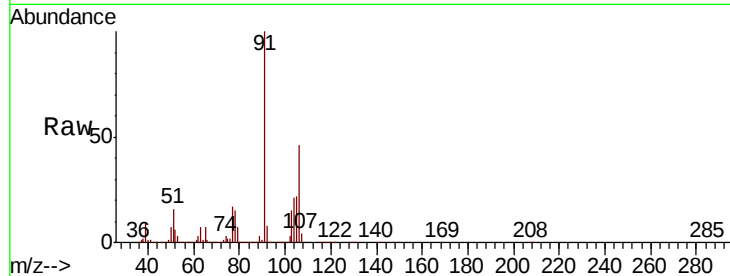




#69
o-Xylene
Concen: 55.118 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004522.D
Acq: 08 Aug 2018 04:30

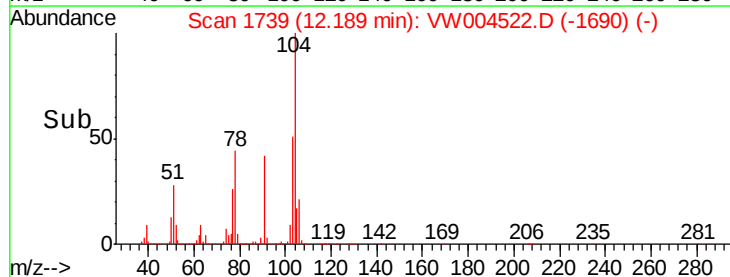
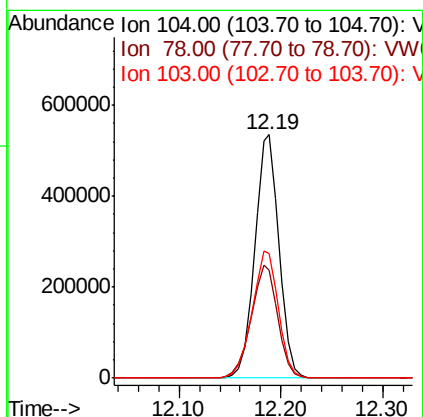
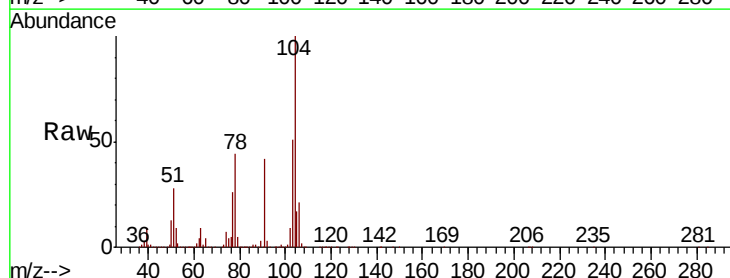
Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-03-1-2MS

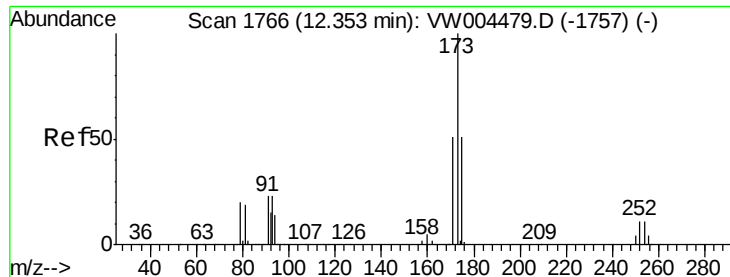
Tgt Ion:106 Resp: 626439
Ion Ratio Lower Upper
106 100
91 216.4 106.7 320.2



#70
Styrene
Concen: 46.165 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW004522.D
Acq: 08 Aug 2018 04:30

Tgt Ion:104 Resp: 886499
Ion Ratio Lower Upper
104 100
78 50.7 39.0 58.4
103 56.6 44.2 66.2





#71

Bromoform

Concen: 59.432 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW004522.D

Acq: 08 Aug 2018 04:30

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-03-1-2MS

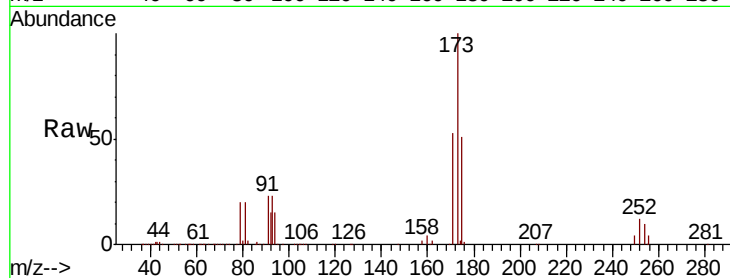
Tgt Ion:173 Resp: 208071

Ion Ratio Lower Upper

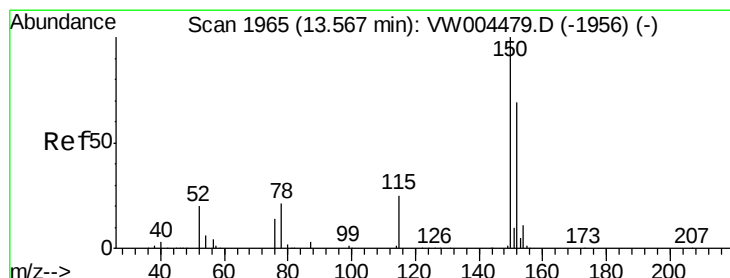
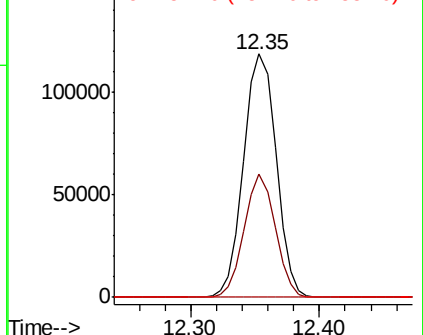
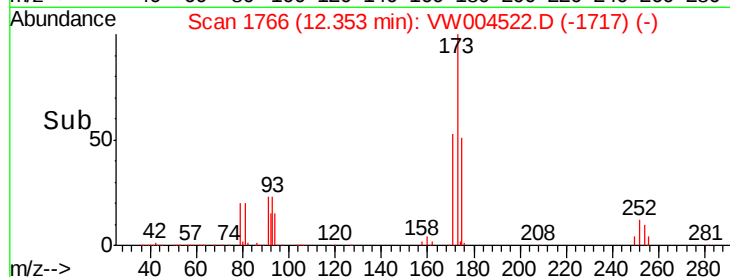
173 100

175 48.1 24.5 73.5

254 0.2 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: VW004522.D

Acq: 08 Aug 2018 04:30

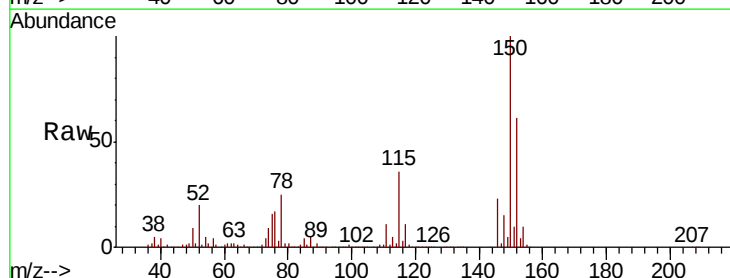
Tgt Ion:152 Resp: 436538

Ion Ratio Lower Upper

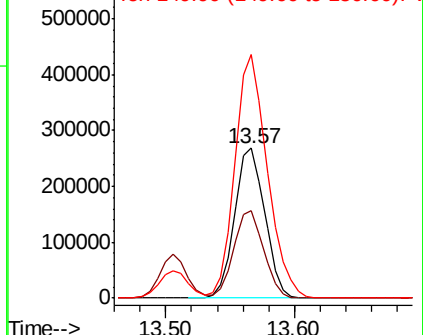
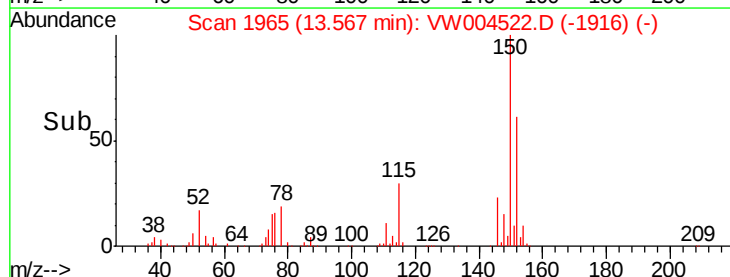
152 100

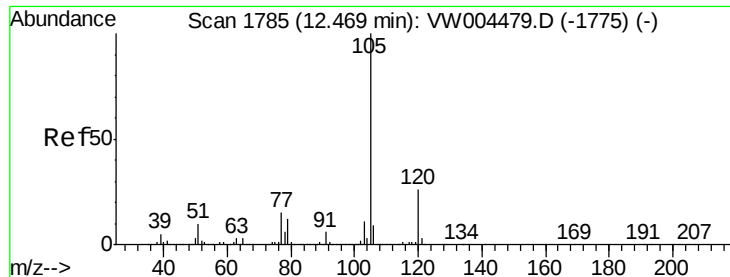
115 57.9 29.1 87.3

150 174.2 0.0 349.6



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: 57.325 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004522.D

Acq: 08 Aug 2018 04:30

Instrument :

MSVOA_W

ClientSampleId :

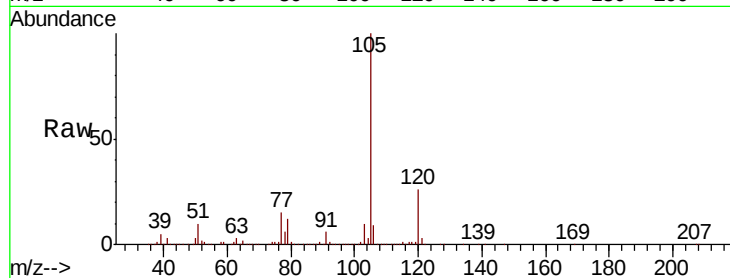
JTY-SB-03-1-2MS

Tgt Ion:105 Resp: 1730946

Ion Ratio Lower Upper

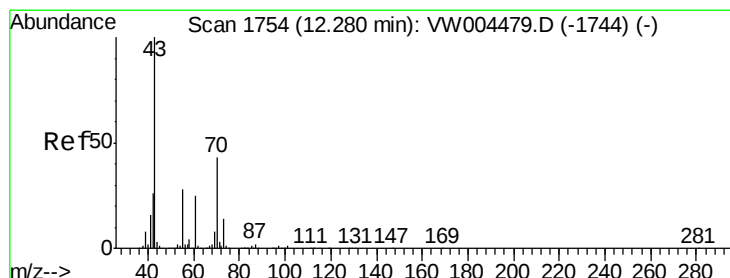
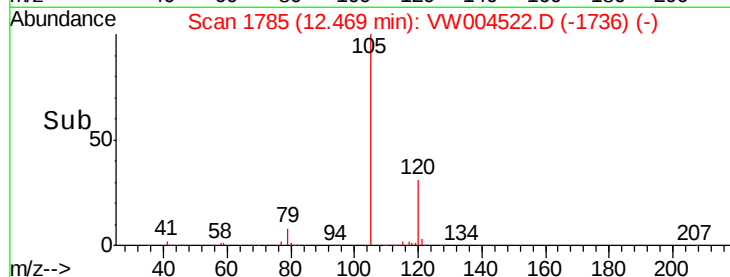
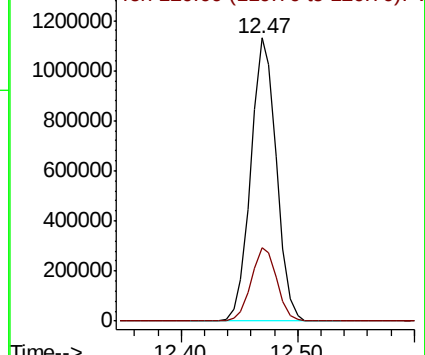
105 100

120 26.0 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.643 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004522.D

Acq: 08 Aug 2018 04:30

Tgt Ion: 43 Resp: 334188

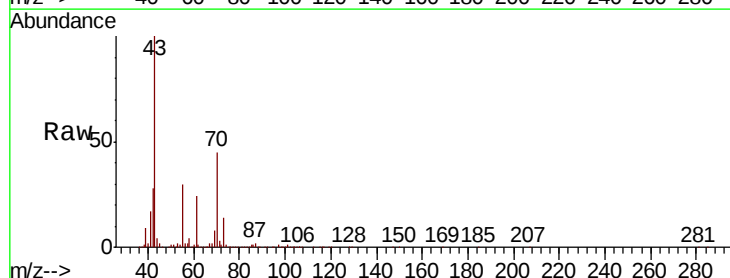
Ion Ratio Lower Upper

43 100

70 44.0 35.3 52.9

55 30.8 22.9 34.3

61 24.3 19.7 29.5

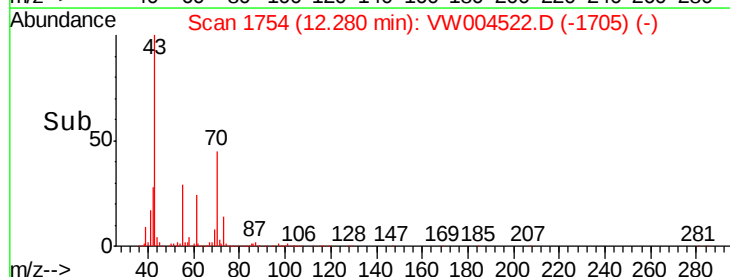
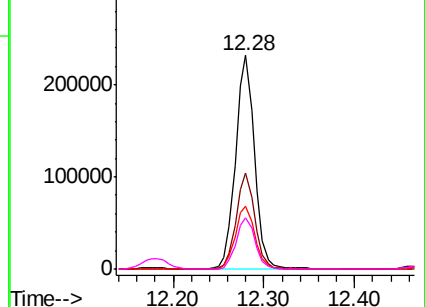


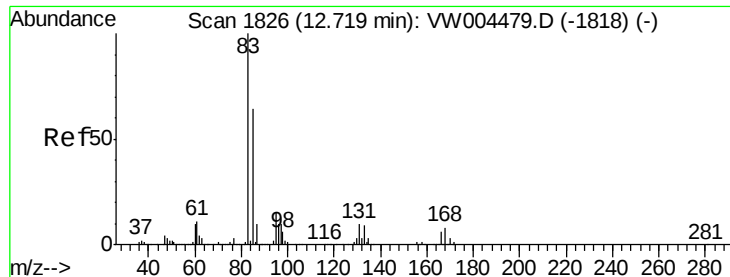
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 62.625 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004522.D

Acq: 08 Aug 2018 04:30

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-03-1-2MS

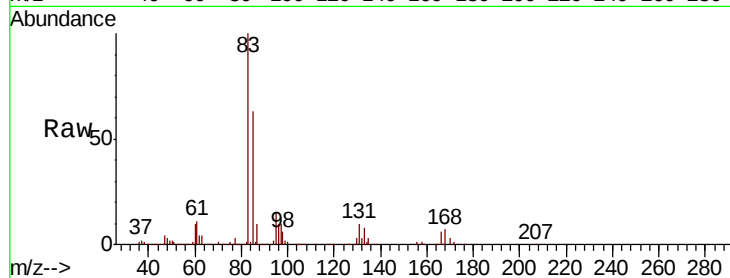
Tgt Ion: 83 Resp: 394737

Ion Ratio Lower Upper

83 100

131 10.1 5.0 15.0

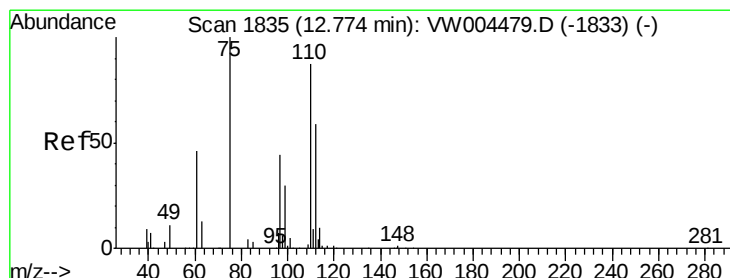
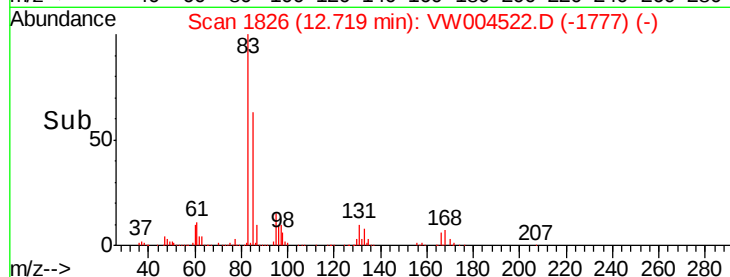
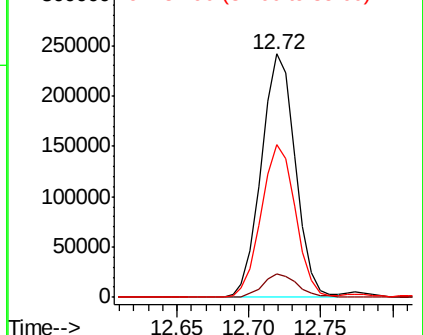
85 63.3 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 107.773 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW004522.D

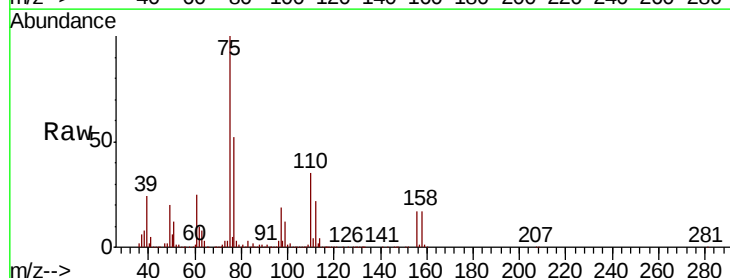
Acq: 08 Aug 2018 04:30

Tgt Ion: 75 Resp: 486832

Ion Ratio Lower Upper

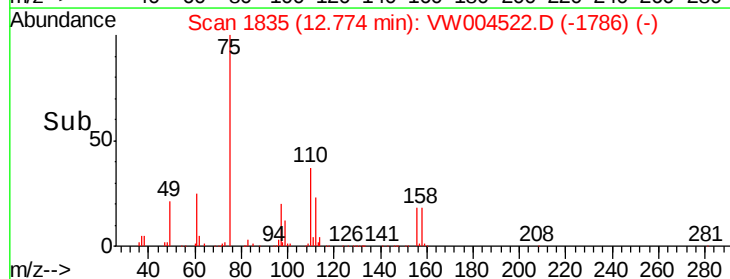
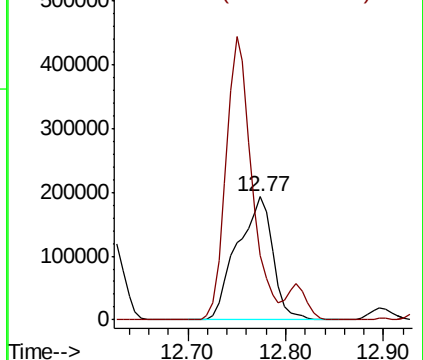
75 100

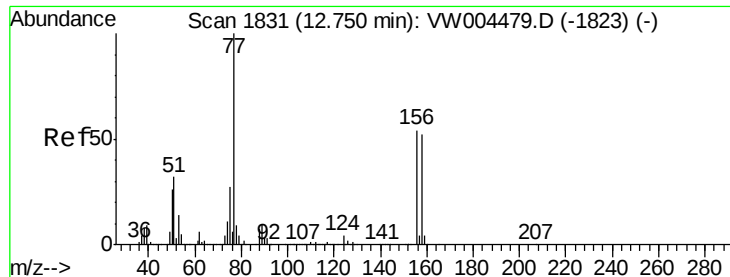
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 55.095 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW004522.D

Acq: 08 Aug 2018 04:30

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-03-1-2MS

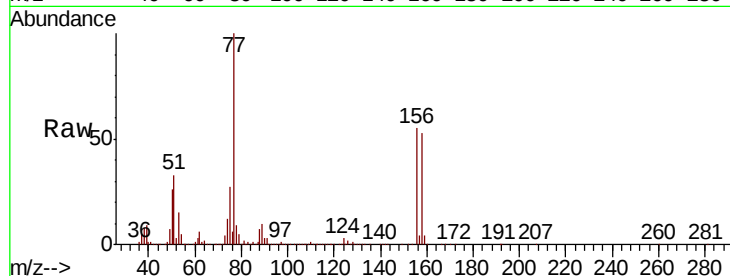
Tgt Ion:156 Resp: 402492

Ion Ratio Lower Upper

156 100

77 202.6 98.7 296.1

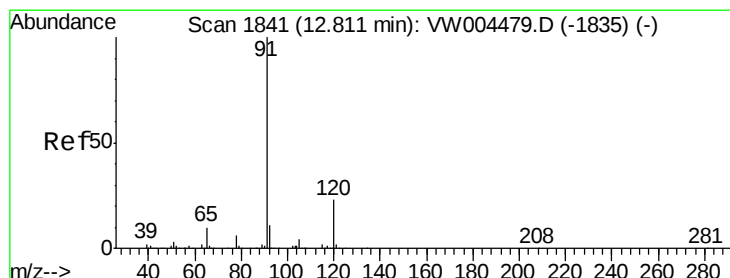
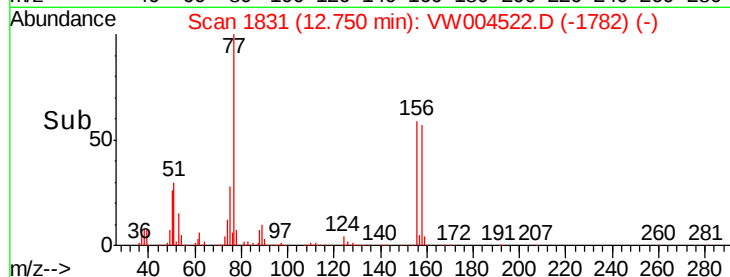
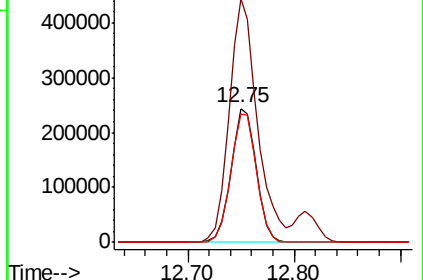
158 97.5 48.7 146.1



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: 56.696 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW004522.D

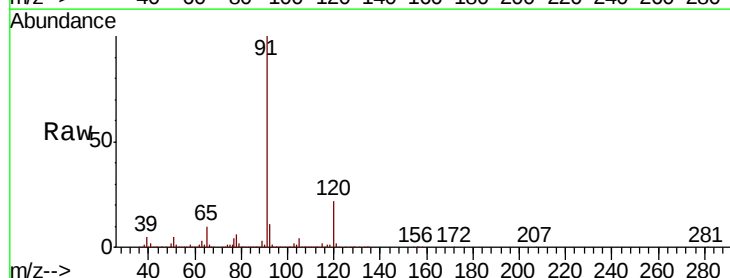
Acq: 08 Aug 2018 04:30

Tgt Ion: 91 Resp: 2112427

Ion Ratio Lower Upper

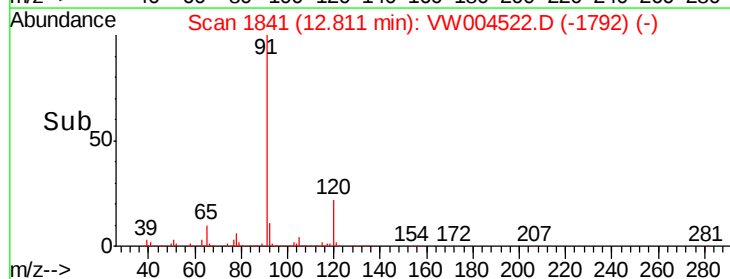
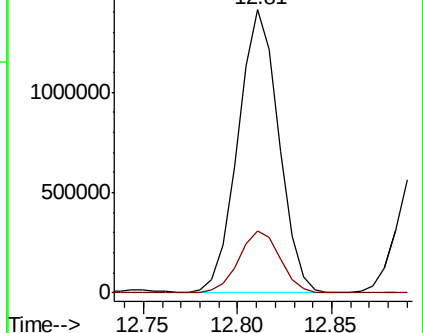
91 100

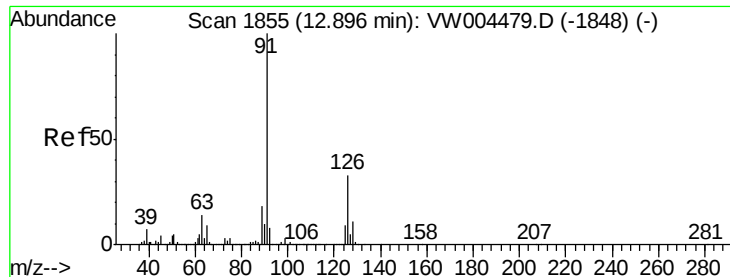
120 22.3 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 55.815 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004522.D

Acq: 08 Aug 2018 04:30

Instrument :

MSVOA_W

ClientSampleId :

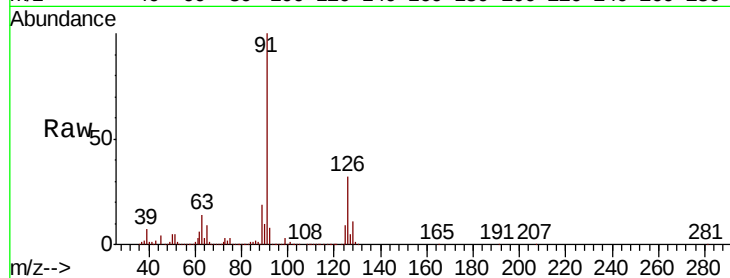
JTY-SB-03-1-2MS

Tgt Ion: 91 Resp: 1203450

Ion Ratio Lower Upper

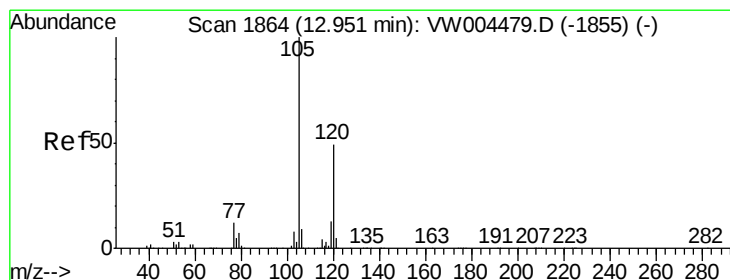
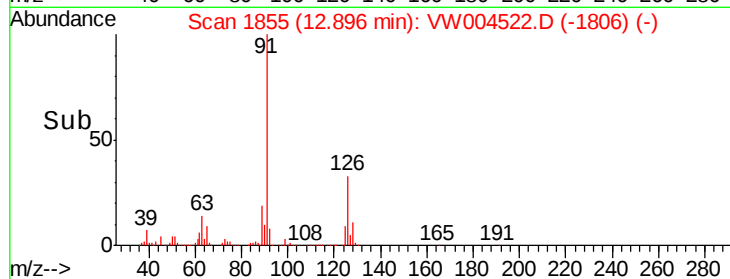
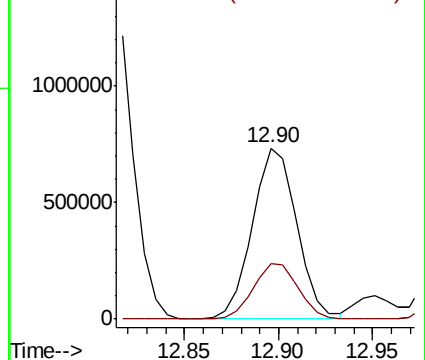
91 100

126 33.1 16.6 49.8



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: 56.947 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004522.D

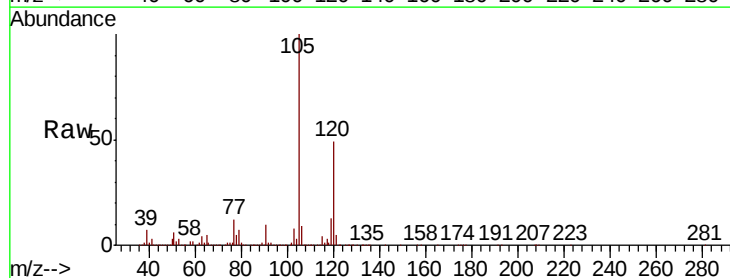
Acq: 08 Aug 2018 04:30

Tgt Ion: 105 Resp: 1466816

Ion Ratio Lower Upper

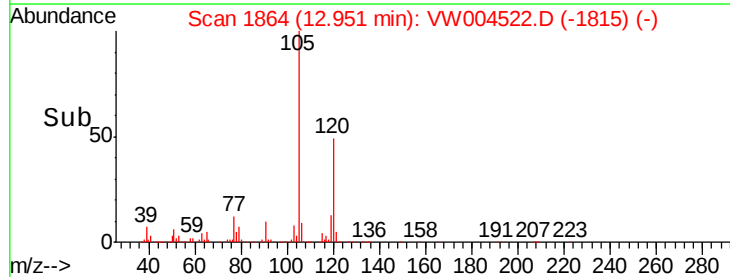
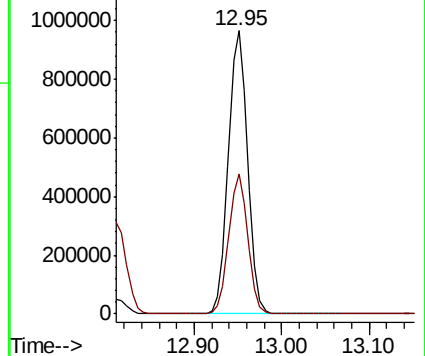
105 100

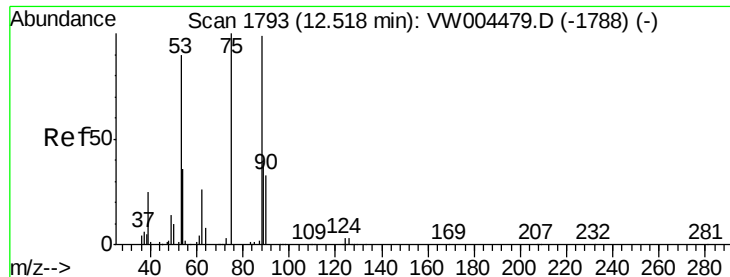
120 48.7 24.6 73.8



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: 56.999 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW004522.D

Acq: 08 Aug 2018 04:30

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-03-1-2MS

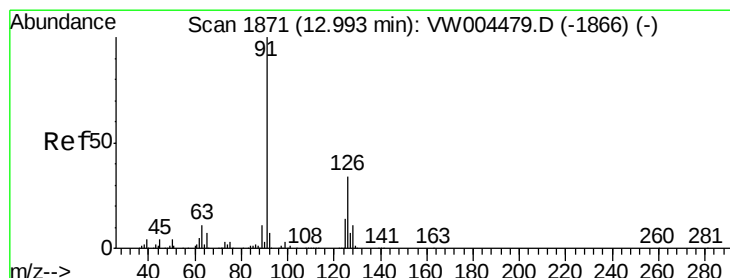
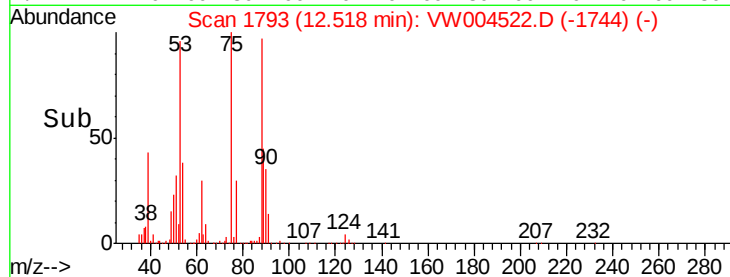
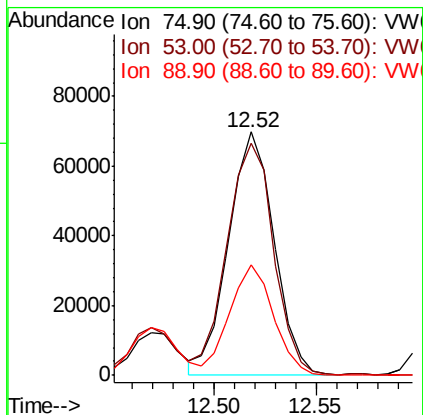
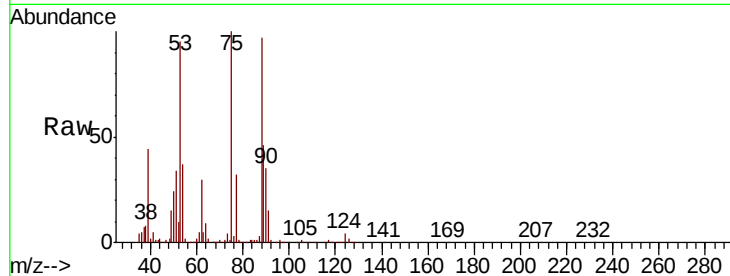
Tgt Ion: 75 Resp: 107557

Ion Ratio Lower Upper

75 100

53 98.7 74.4 111.6

89 44.1 35.9 53.9



#82

4-Chlorotoluene

Concen: 54.514 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VW004522.D

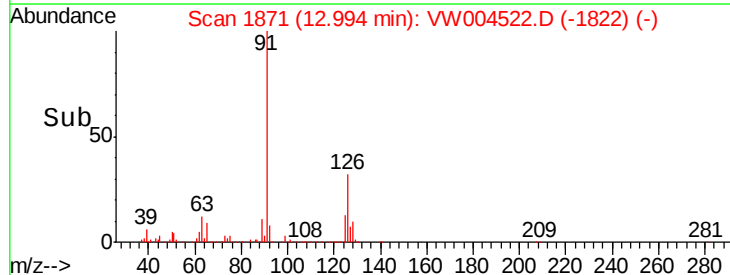
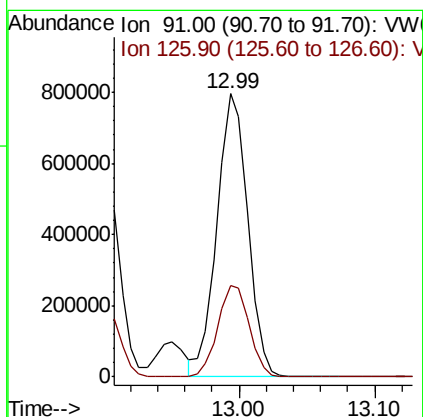
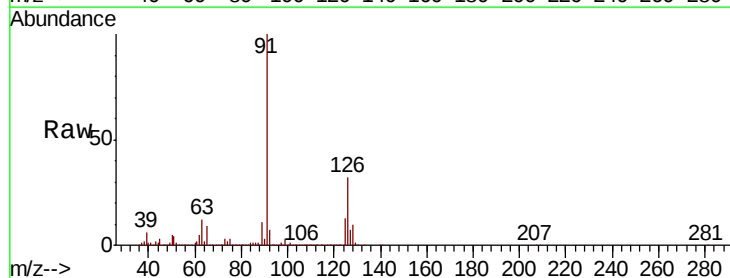
Acq: 08 Aug 2018 04:30

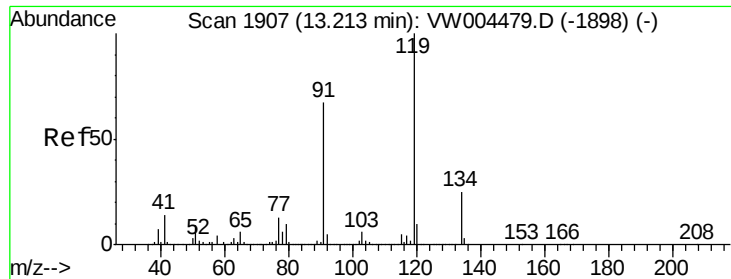
Tgt Ion: 91 Resp: 1247453

Ion Ratio Lower Upper

91 100

126 32.9 16.5 49.5

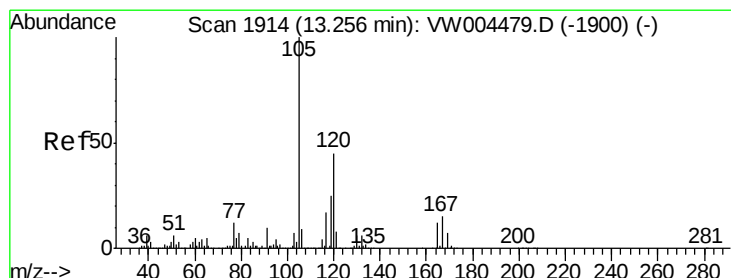
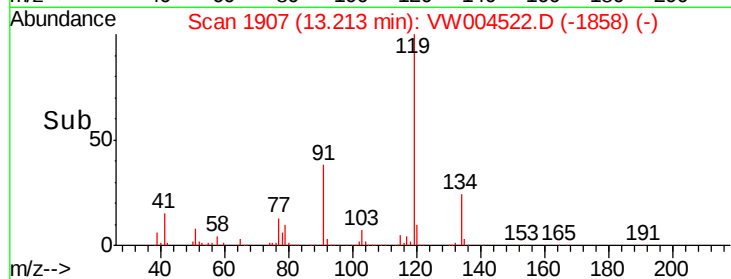
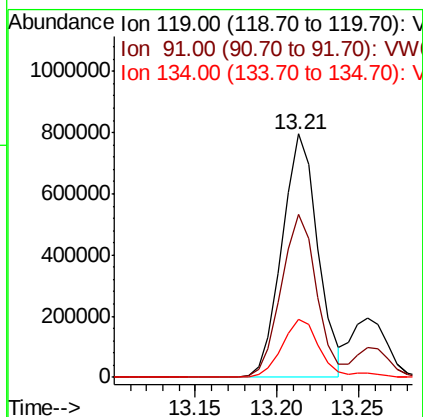
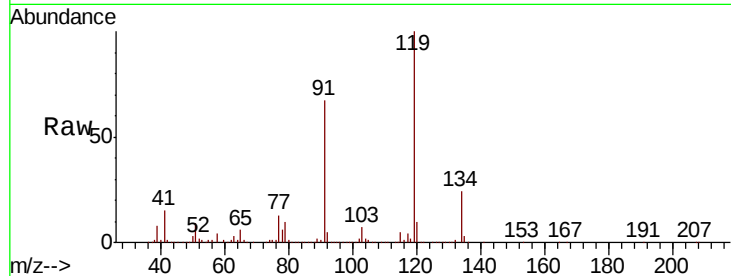




#83
 tert-Butylbenzene
 Concen: 56.353 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW004522.D
 Acq: 08 Aug 2018 04:30

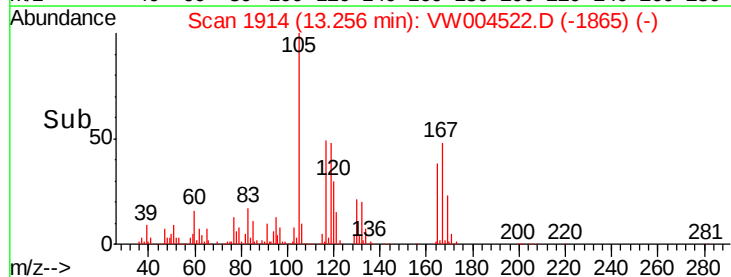
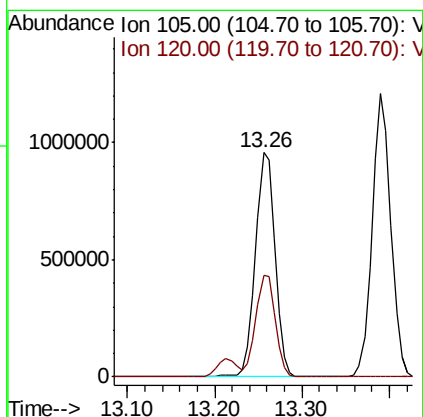
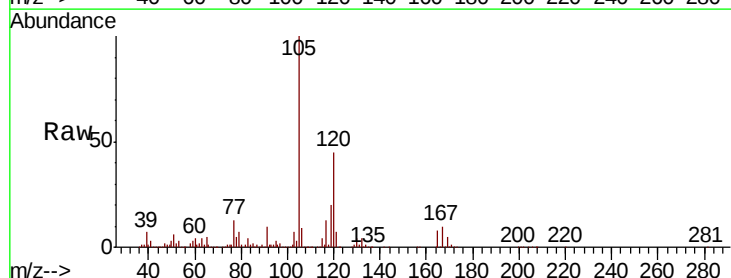
Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-03-1-2MS

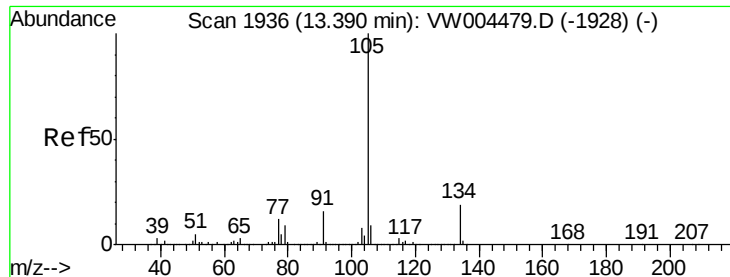
Tgt Ion:119 Resp: 1217505
 Ion Ratio Lower Upper
 119 100
 91 67.1 33.3 99.8
 134 25.6 12.2 36.6



#84
 1,2,4-Trimethylbenzene
 Concen: 55.821 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW004522.D
 Acq: 08 Aug 2018 04:30

Tgt Ion:105 Resp: 1488467
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.6 67.8

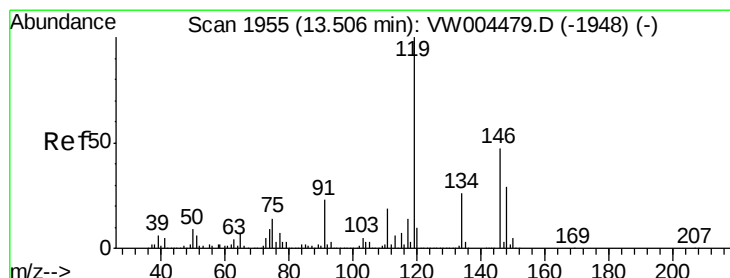
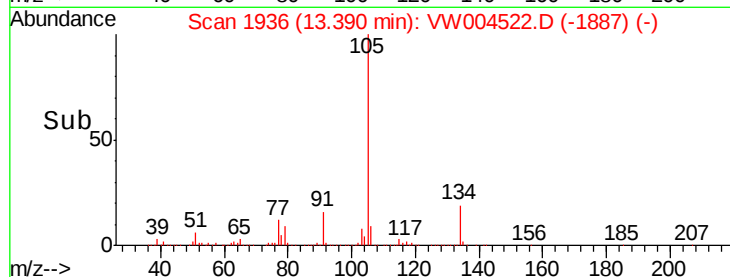
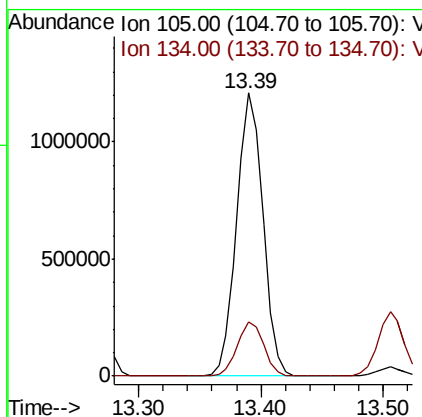
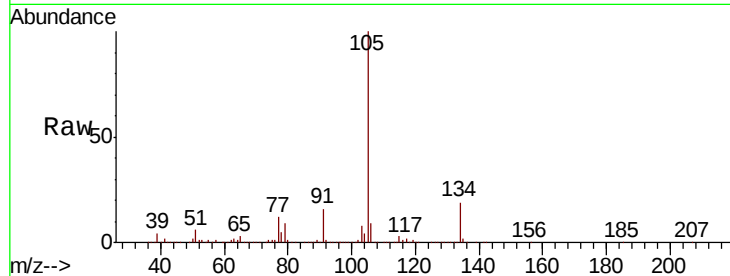




#85
 sec-Butylbenzene
 Concen: 55.112 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004522.D
 Acq: 08 Aug 2018 04:30

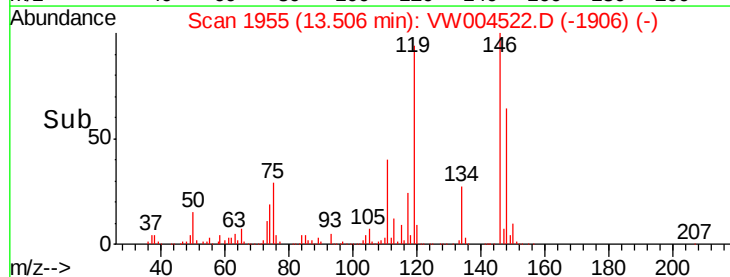
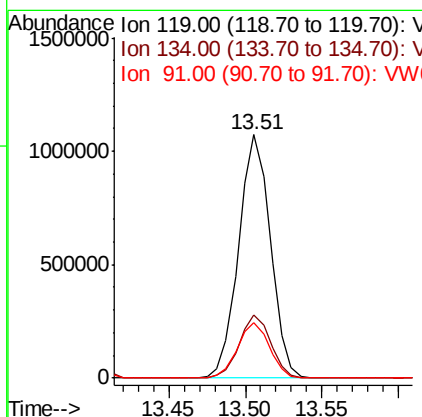
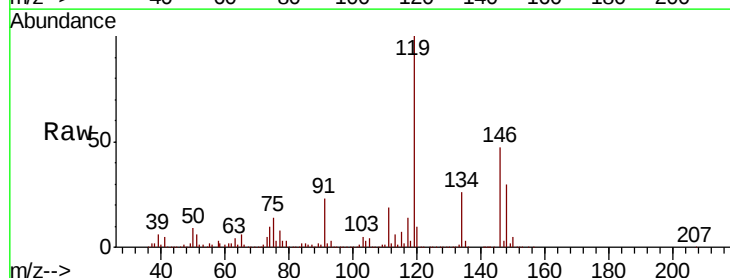
Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-03-1-2MS

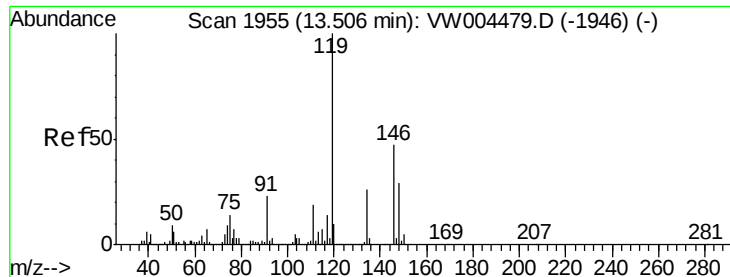
Tgt Ion:105 Resp: 1796300
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 54.842 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004522.D
 Acq: 08 Aug 2018 04:30

Tgt Ion:119 Resp: 1548924
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.1 39.1
 91 22.9 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 52.296 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW004522.D

Acq: 08 Aug 2018 04:30

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-03-1-2MS

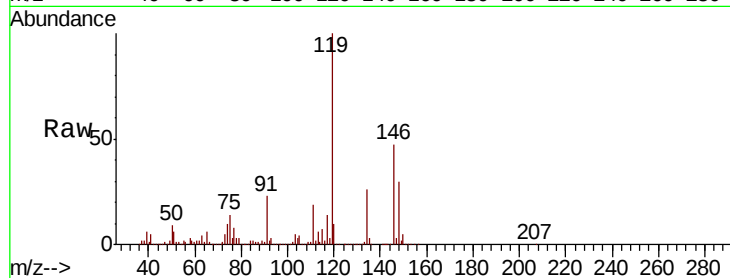
Tgt Ion:146 Resp: 787208

Ion Ratio Lower Upper

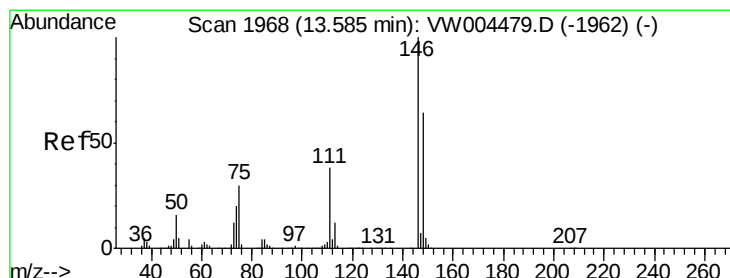
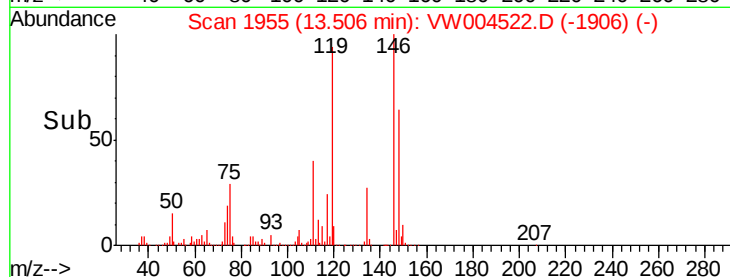
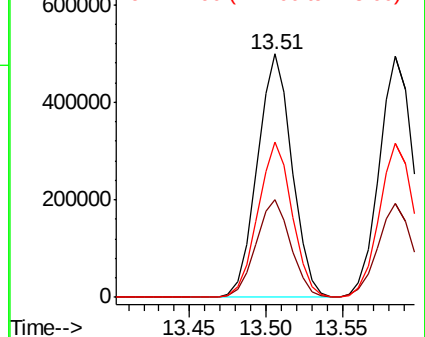
146 100

111 39.8 20.0 59.9

148 63.1 31.7 95.1



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: 51.442 ug/l

RT: 13.58 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VW004522.D

Acq: 08 Aug 2018 04:30

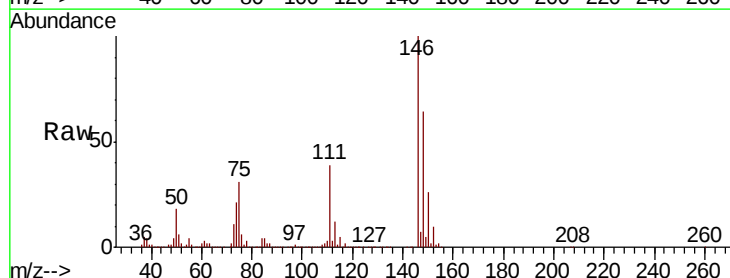
Tgt Ion:146 Resp: 770852

Ion Ratio Lower Upper

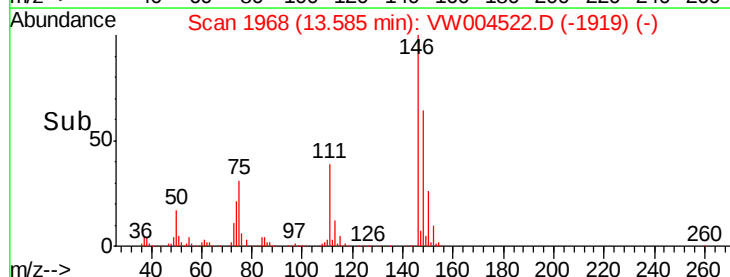
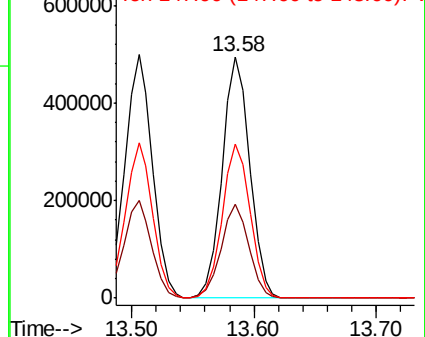
146 100

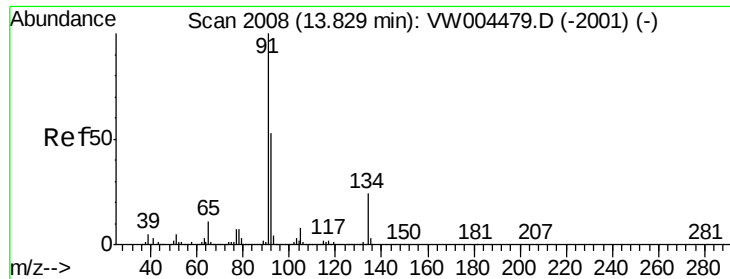
111 39.2 19.6 58.8

148 64.4 31.9 95.5



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: 50.670 ug/l

RT: 13.83 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VW004522.D

Acq: 08 Aug 2018 04:30

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-03-1-2MS

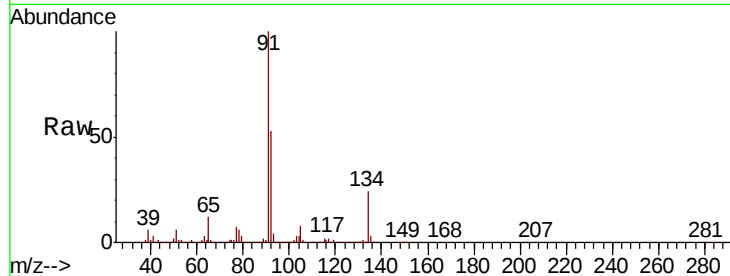
Tgt Ion: 91 Resp: 1406073

Ion Ratio Lower Upper

91 100

92 52.2 26.4 79.0

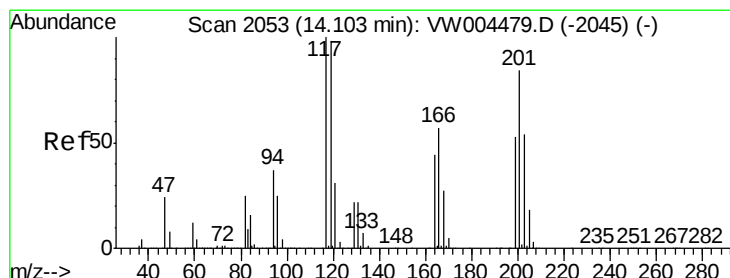
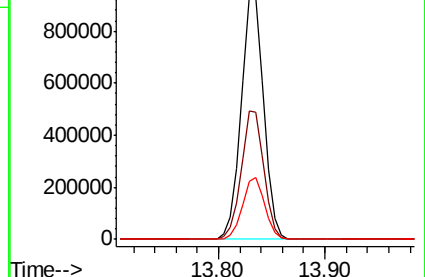
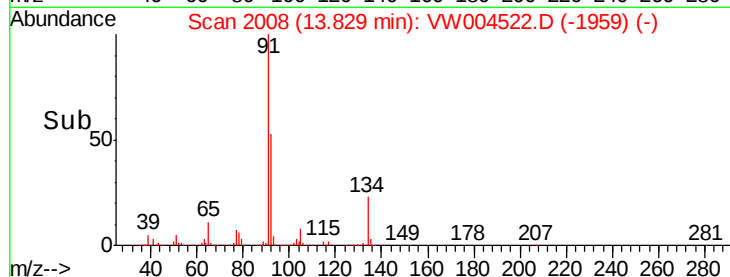
134 24.8 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): VW



#90

Hexachloroethane

Concen: 52.833 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW004522.D

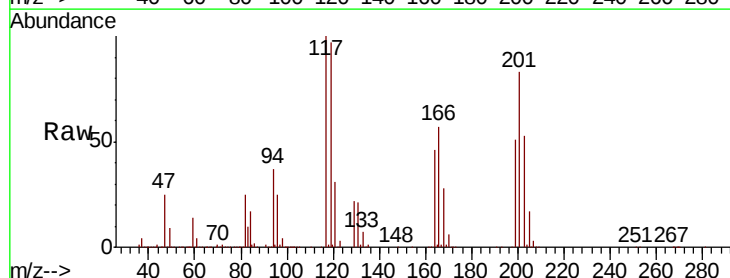
Acq: 08 Aug 2018 04:30

Tgt Ion: 117 Resp: 276079

Ion Ratio Lower Upper

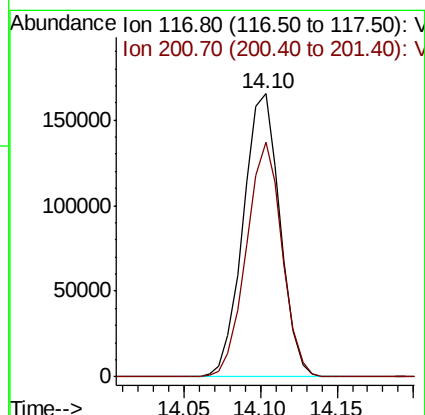
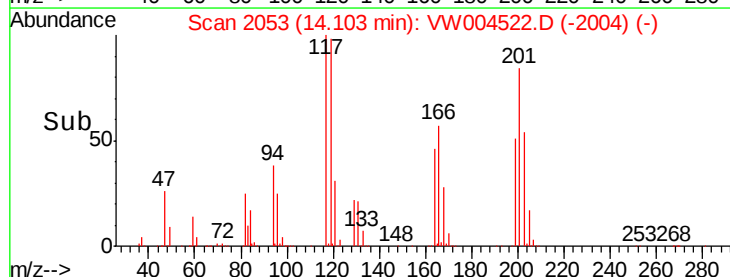
117 100

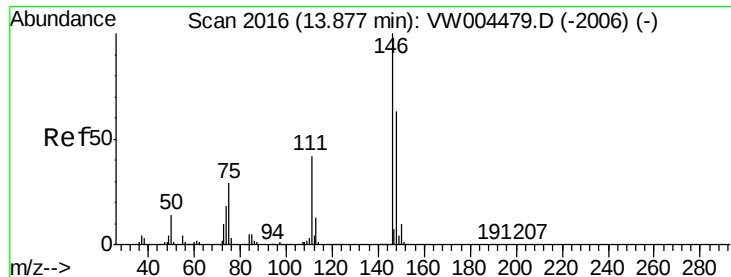
201 80.5 40.1 120.3



Abundance Ion 116.80 (116.50 to 117.50): VW

Ion 200.70 (200.40 to 201.40): VW

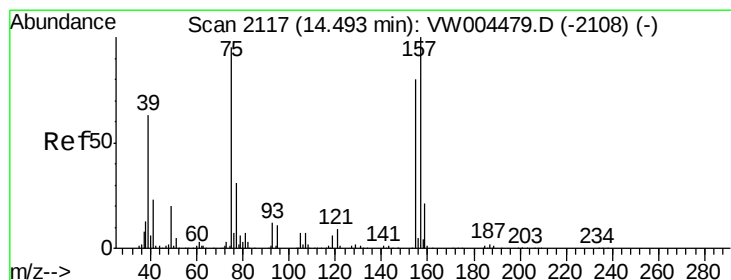
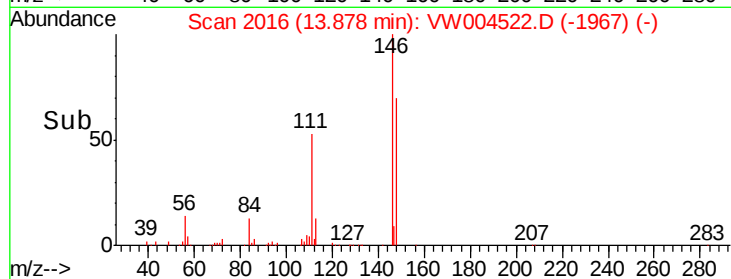
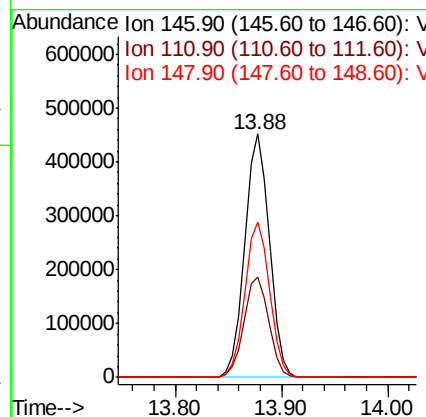
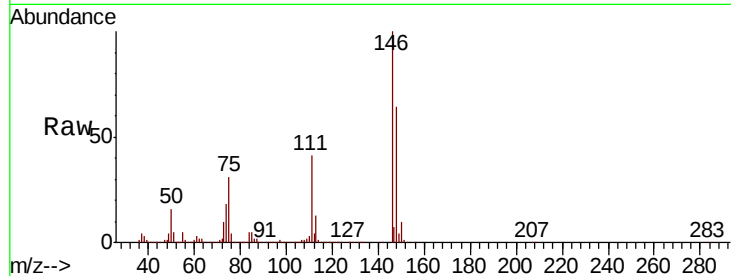




#91
 1,2-Dichlorobenzene
 Concen: 53.911 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW004522.D
 Acq: 08 Aug 2018 04:30

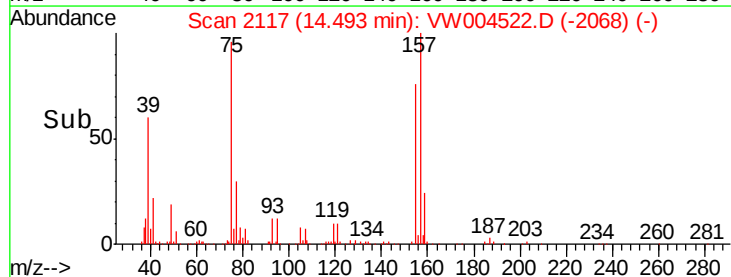
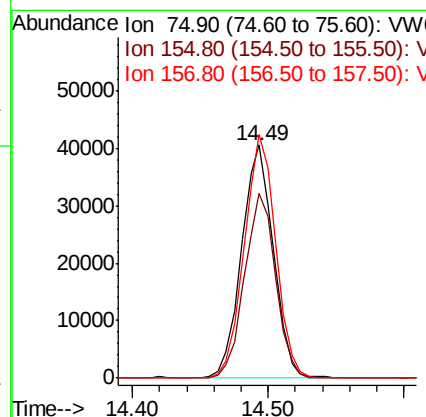
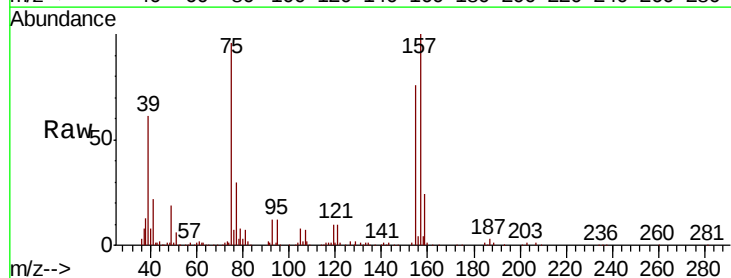
Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-03-1-2MS

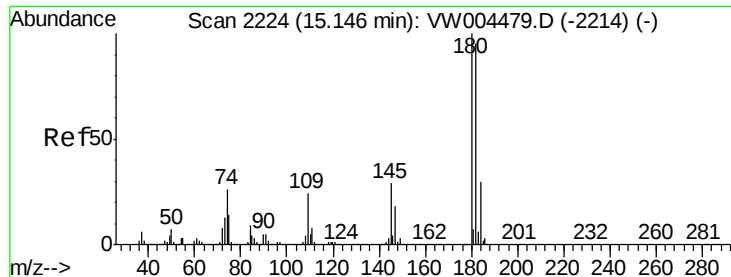
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.8	62.2
148	64.2	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 63.973 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW004522.D
 Acq: 08 Aug 2018 04:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.7	41.3	123.7
157	103.5	52.6	157.8

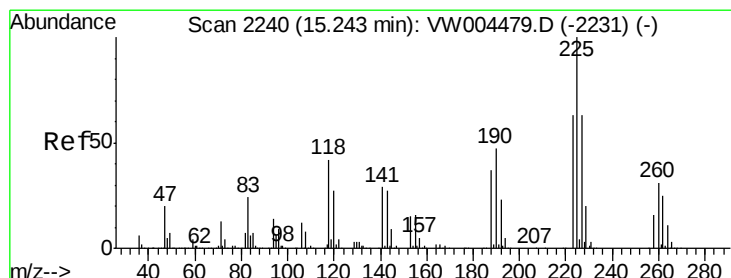
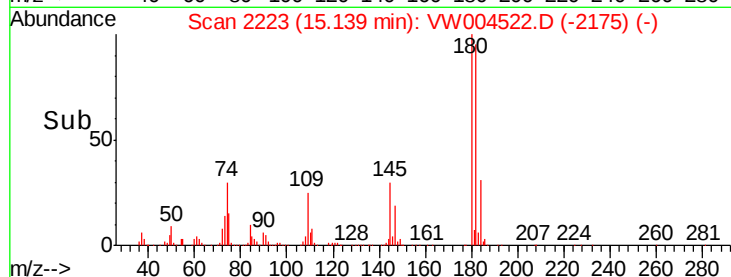
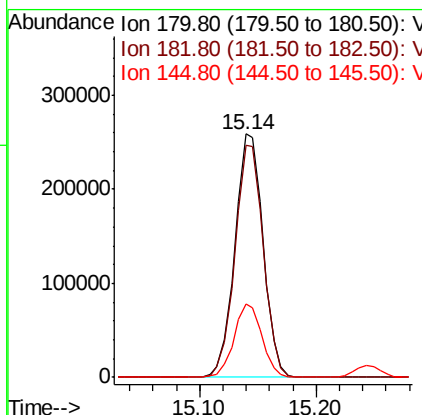
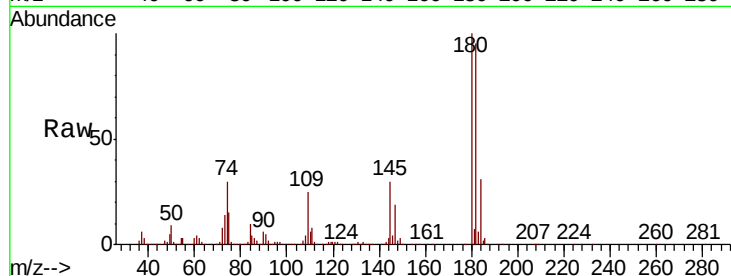




#93
 1,2,4-Trichlorobenzene
 Concen: 46.222 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: VW004522.D
 Acq: 08 Aug 2018 04:30

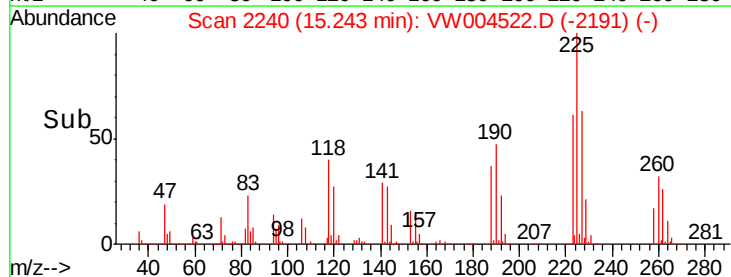
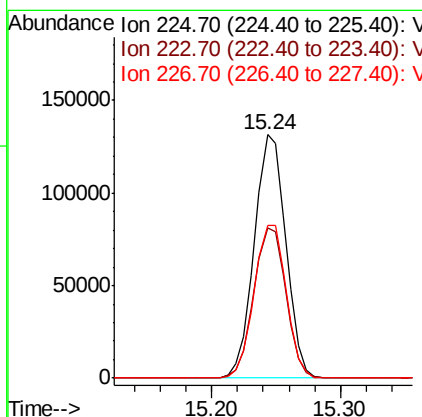
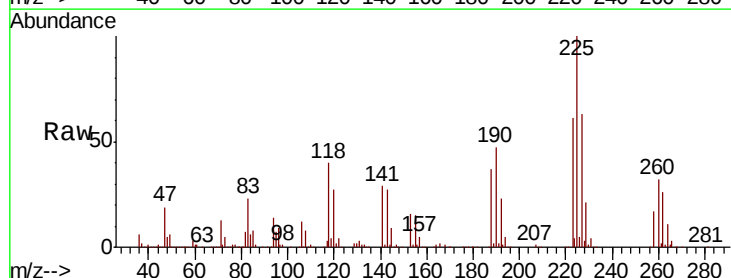
Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-03-1-2MS

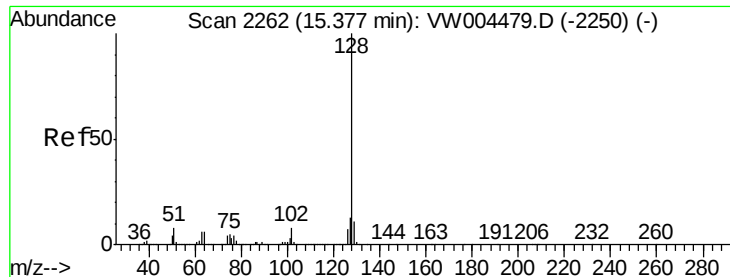
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.9	143.6
145	29.6	14.9	44.9



#94
 Hexachlorobutadiene
 Concen: 40.280 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: VW004522.D
 Acq: 08 Aug 2018 04:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.3	93.8
227	64.1	31.8	95.4

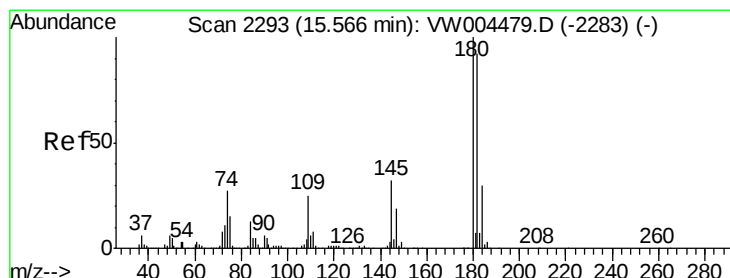
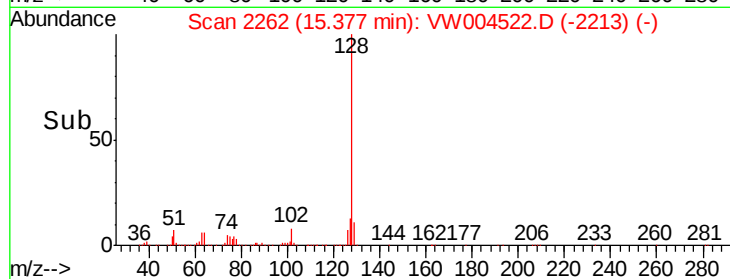
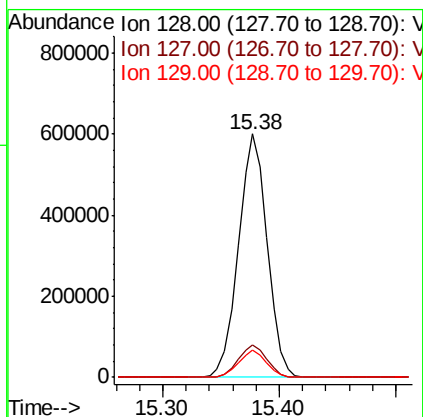
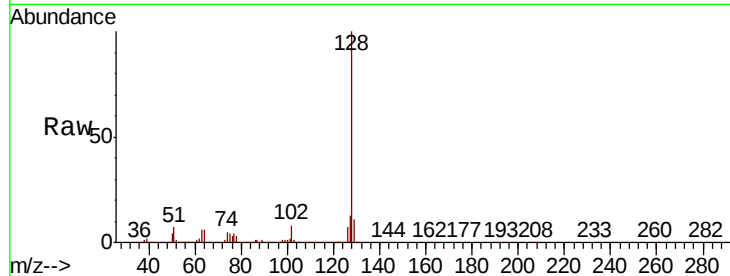




#95
Naphthalene
Concen: 52.717 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004522.D
Acq: 08 Aug 2018 04:30

Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-03-1-2MS

Tgt Ion:128 Resp: 1031932
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.540 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004522.D
Acq: 08 Aug 2018 04:30

Tgt Ion:180 Resp: 420921
Ion Ratio Lower Upper
180 100
182 95.2 47.0 141.2
145 31.9 15.9 47.6

