

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW070718\
 Data File : VW003749.D
 Acq On : 06 Jul 2018 23:40
 Operator : SY/AP
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Quant Time: Jul 07 03:52:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 03:50:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	217130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	345015	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	326882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	178291	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	55291	21.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.04%	
35) Dibromofluoromethane	7.88	113	47320	20.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.66%	
50) Toluene-d8	10.33	98	183744	20.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.30%	
62) 4-Bromofluorobenzene	12.62	95	67094	20.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	21383	20.500	ug/l	93
3) Chloromethane	2.20	50	43447	24.862	ug/l	96
4) Vinyl Chloride	2.36	62	58112	24.427	ug/l	98
5) Bromomethane	2.78	94	39630	25.035	ug/l	99
6) Chloroethane	2.91	64	34524	24.156	ug/l	96
7) Trichlorofluoromethane	3.24	101	22159	18.180	ug/l	96
8) Diethyl Ether	3.67	74	25585	22.506	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.04	101	46257	22.055	ug/l	99
10) Methyl Iodide	4.26	142	65706	21.370	ug/l	98
11) Tert butyl alcohol	5.23	59	15557	96.251	ug/l #	90
12) 1,1-Dichloroethene	4.03	96	44980	21.589	ug/l	99
13) Acrolein	3.89	56	22228	211.690	ug/l	100
14) Allyl chloride	4.65	41	74455	20.874	ug/l	99
15) Acrylonitrile	5.38	53	56200	102.270	ug/l	99
16) Acetone	4.14	43	48974	80.208	ug/l	98
17) Carbon Disulfide	4.37	76	144718	23.129	ug/l	98
18) Methyl Acetate	4.68	43	28289	18.659	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	84774	20.513	ug/l	100
20) Methylene Chloride	4.90	84	57080	20.189	ug/l	96
21) trans-1,2-Dichloroethene	5.41	96	50341	21.934	ug/l	96
22) Diisopropyl ether	6.31	45	161711	21.850	ug/l	99
23) Vinyl Acetate	6.26	43	485389	107.620	ug/l	100
24) 1,1-Dichloroethane	6.21	63	95480	21.708	ug/l	99
25) 2-Butanone	7.18	43	75244	93.994	ug/l	97
26) 2,2-Dichloropropane	7.16	77	52900	19.974	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	54625	21.784	ug/l	98
28) Bromochloromethane	7.51	49	43643	22.712	ug/l	99
29) Tetrahydrofuran	7.54	42	49001	100.962	ug/l	98
30) Chloroform	7.68	83	98114	22.025	ug/l	98
31) Cyclohexane	7.95	56	83546	21.001	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	75441	21.832	ug/l	98
36) 1,1-Dichloropropene	8.08	75	77411	22.159	ug/l	100
37) Ethyl Acetate	7.26	43	35587	20.752	ug/l	99
38) Carbon Tetrachloride	8.07	117	73204	22.042	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	83916	20.982	ug/l	99
40) Benzene	8.32	78	217774	22.106	ug/l	100
41) Methacrylonitrile	7.49	41	21587	22.065	ug/l	94
42) 1,2-Dichloroethane	8.40	62	69691	22.316	ug/l	99
43) Isopropyl Acetate	8.43	43	66889	20.621	ug/l	99
44) Trichloroethene	9.09	130	54999	21.636	ug/l	95
45) 1,2-Dichloropropane	9.37	63	56522	22.063	ug/l	100
46) Dibromomethane	9.46	93	29367	21.971	ug/l	99
47) Bromodichloromethane	9.65	83	71881	21.848	ug/l	99
48) Methyl methacrylate	9.44	41	31885	20.675	ug/l	98
49) 1,4-Dioxane	9.48	88	8580	412.048	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	177465	103.510	ug/l	100
52) Toluene	10.39	92	135762	22.116	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	71263	20.939	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	81293	21.129	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	40634	21.623	ug/l	95
56) Ethyl methacrylate	10.65	69	47752	20.174	ug/l	98
57) 1,3-Dichloropropane	10.94	76	70768	21.641	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	103324	98.261	ug/l	99
59) 2-Hexanone	10.98	43	119535	97.959	ug/l	99
60) Dibromochloromethane	11.13	129	47218	21.447	ug/l	100
61) 1,2-Dibromoethane	11.24	107	38052	21.077	ug/l	97
64) Tetrachloroethene	10.87	164	50789	22.573	ug/l	99
65) Chlorobenzene	11.66	112	149346	21.535	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	51914	21.449	ug/l	99
67) Ethyl Benzene	11.74	91	255502	21.103	ug/l	100
68) m/p-Xylenes	11.85	106	202411	43.871	ug/l	100
69) o-Xylene	12.17	106	90869	21.265	ug/l	99
70) Styrene	12.19	104	156564	21.800	ug/l	99
71) Bromoform	12.35	173	27955	20.619	ug/l #	100
73) Isopropylbenzene	12.47	105	249361	20.519	ug/l	99
74) N-amyl acetate	12.28	43	65766	20.272	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	50227	20.884	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	64807	40.167	ug/l #	100
77) Bromobenzene	12.76	156	60761	20.810	ug/l	98
78) n-propylbenzene	12.81	91	315584	21.006	ug/l	100
79) 2-Chlorotoluene	12.90	91	177537	20.776	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	217375	21.093	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	13691	18.061	ug/l	95
82) 4-Chlorotoluene	12.99	91	196599	21.573	ug/l	100
83) tert-Butylbenzene	13.21	119	177216	20.423	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	228680	21.562	ug/l	99
85) sec-Butylbenzene	13.39	105	267364	20.746	ug/l	99
86) p-Isopropyltoluene	13.51	119	235231	20.840	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	124666	20.991	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	124059	20.893	ug/l	98
89) n-Butylbenzene	13.83	91	230646	20.712	ug/l	98
90) Hexachloroethane	14.10	117	43782	20.850	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	114123	21.453	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8353	19.873	ug/l	100

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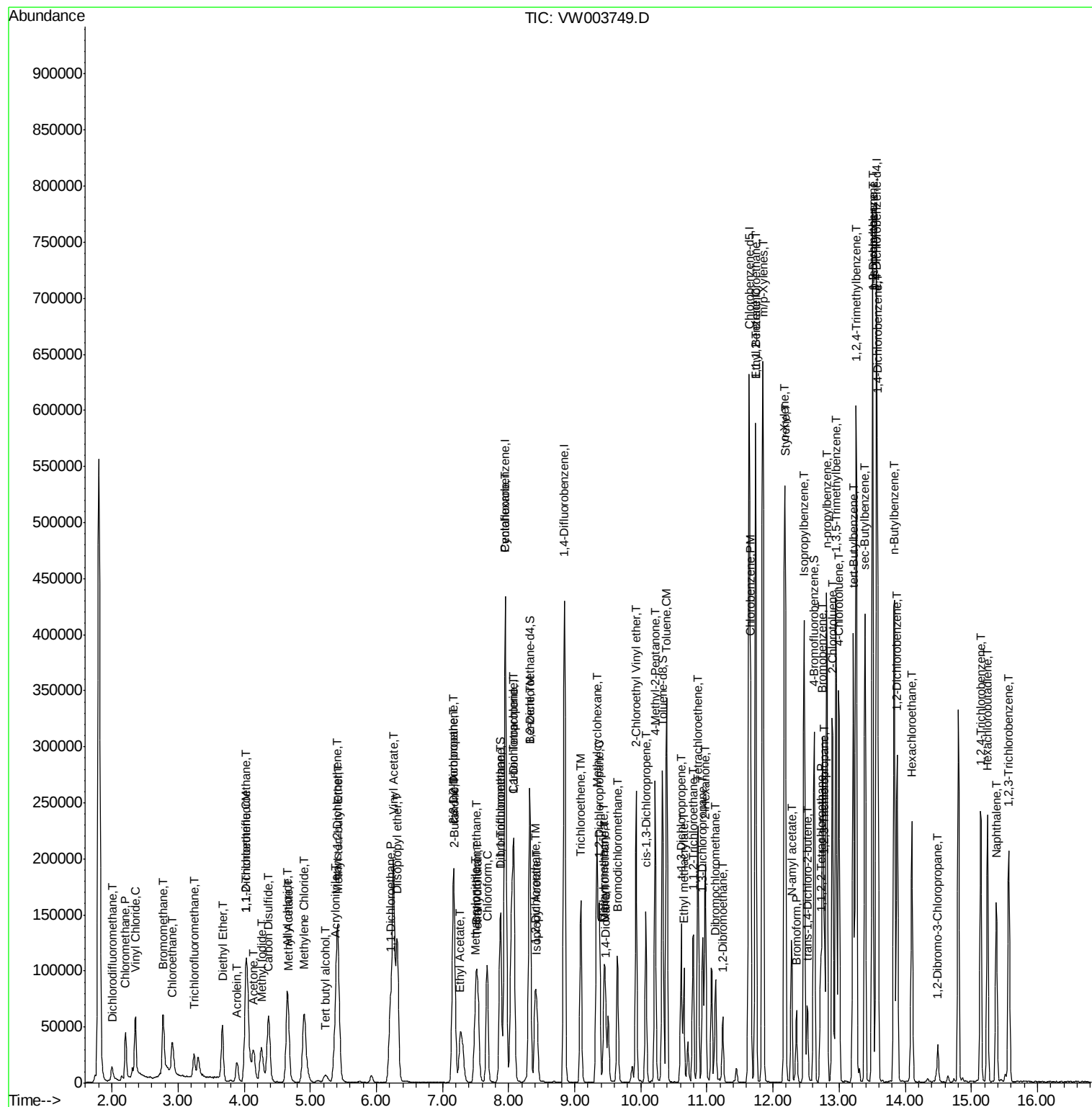
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	75510	20.192	ug/l	99
94) Hexachlorobutadiene	15.24	225	43151	20.114	ug/l	97
95) Naphthalene	15.38	128	132878	19.447	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	67775	20.264	ug/l	99

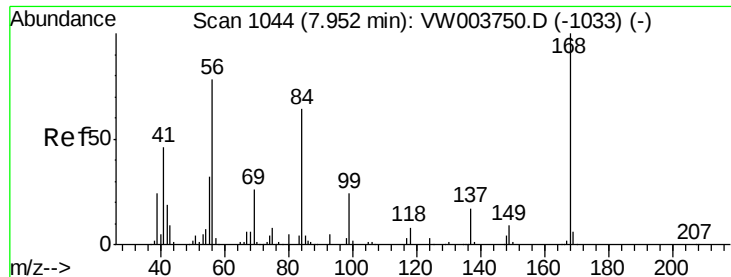
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW003749.D

Acq: 06 Jul 2018 23:40

Instrument :

MSVOA_W

ClientSampleId :

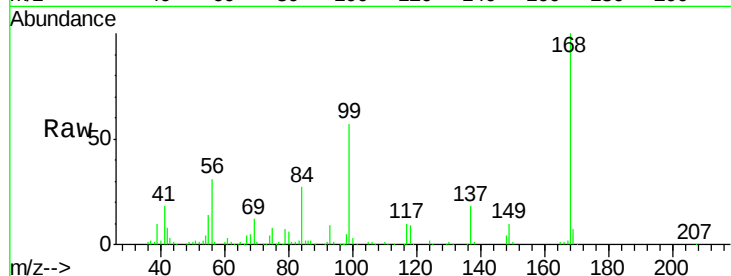
VSTDIC020

Tgt Ion:168 Resp: 217130

Ion Ratio Lower Upper

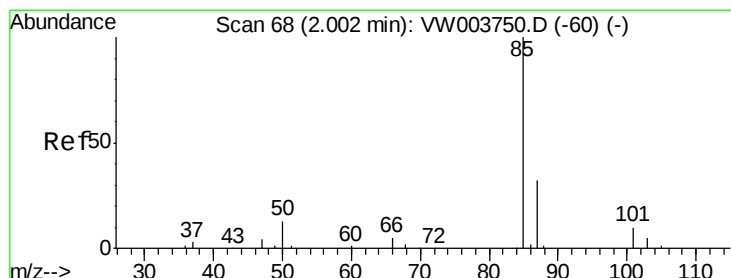
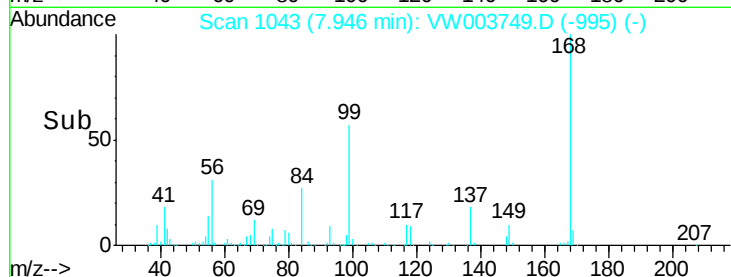
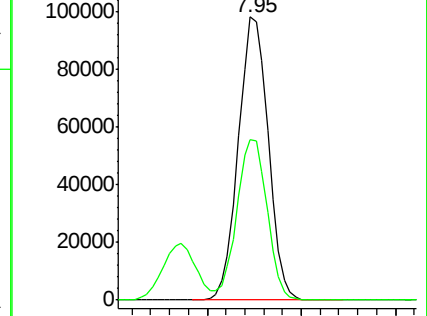
168 100

99 56.9 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 20.500 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW003749.D

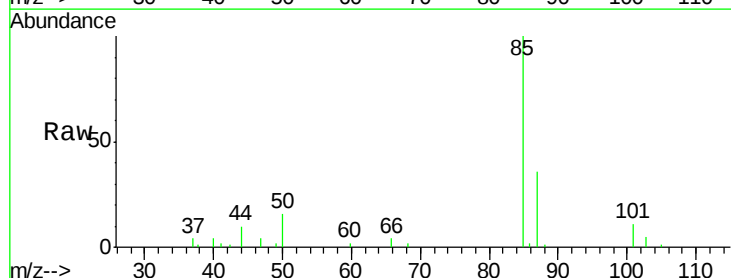
Acq: 06 Jul 2018 23:40

Tgt Ion: 85 Resp: 21383

Ion Ratio Lower Upper

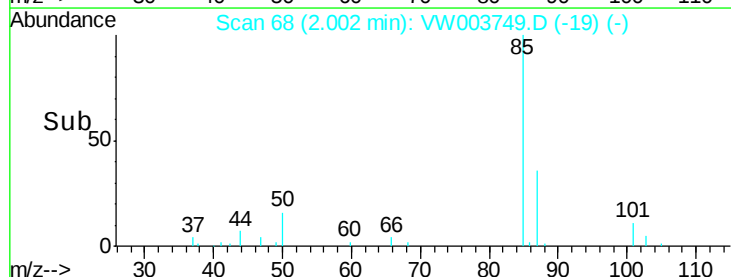
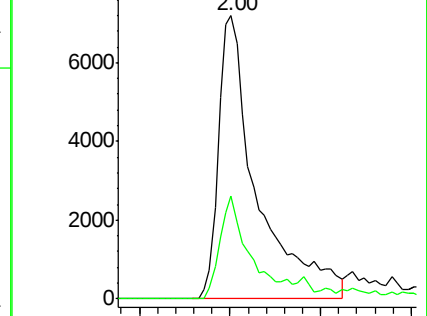
85 100

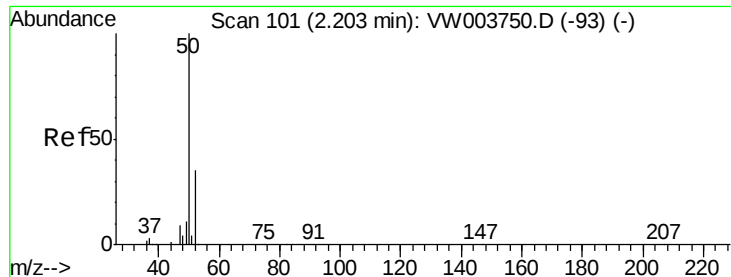
87 36.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 24.862 ug/l

RT: 2.20 min Scan# 101

Delta R.T. -0.00 min

Lab File: VW003749.D

Acq: 06 Jul 2018 23:40

Instrument :

MSVOA_W

ClientSampled :

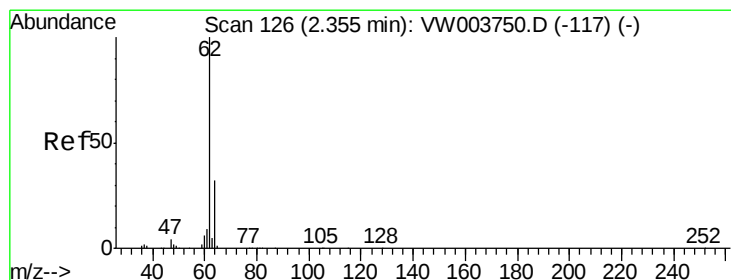
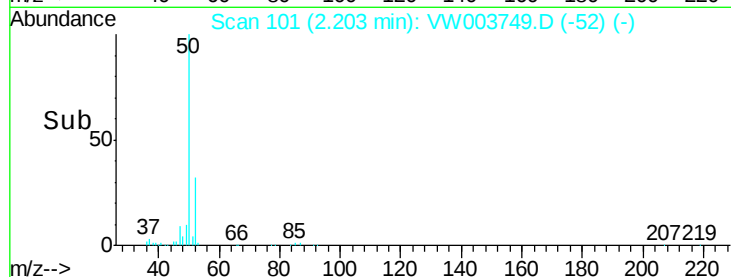
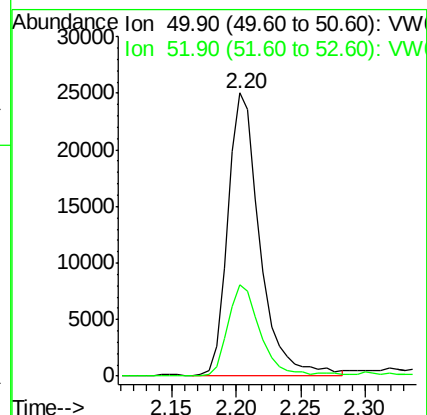
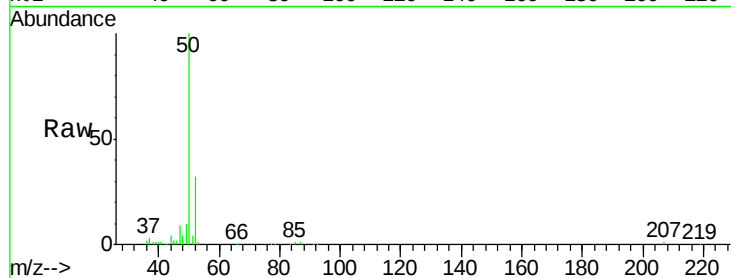
VSTDIC020

Tgt Ion: 50 Resp: 43447

Ion Ratio Lower Upper

50 100

52 32.4 27.8 41.6



#4

Vinyl Chloride

Concen: 24.427 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003749.D

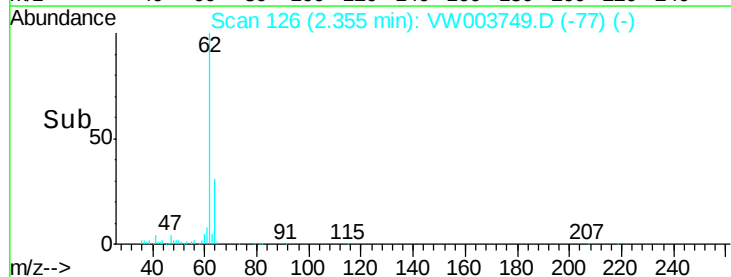
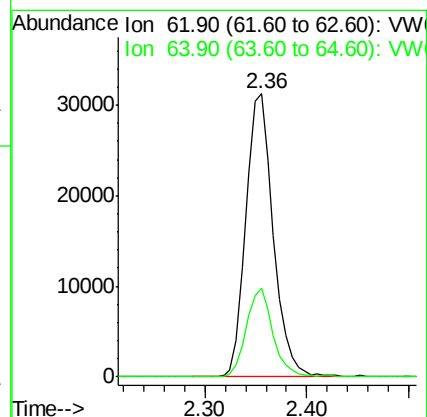
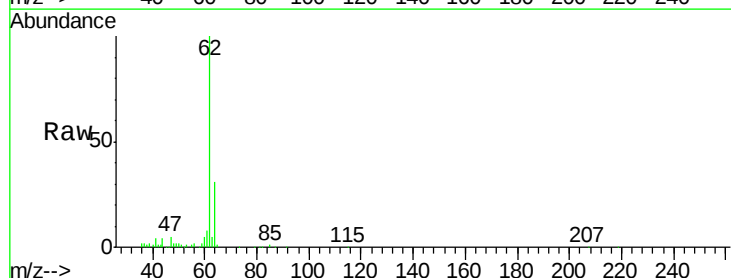
Acq: 06 Jul 2018 23:40

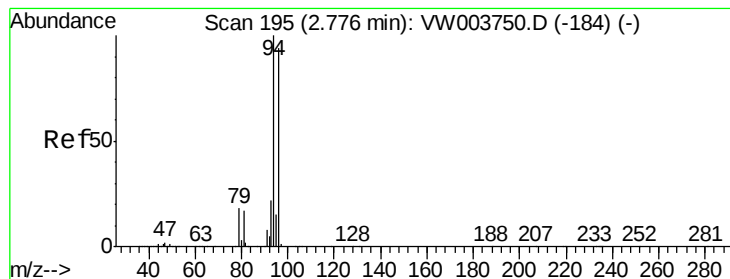
Tgt Ion: 62 Resp: 58112

Ion Ratio Lower Upper

62 100

64 31.3 25.8 38.8





#5

Bromomethane

Concen: 25.035 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.00 min

Lab File: VW003749.D

Acq: 06 Jul 2018 23:40

Instrument :

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ClientSampleId :

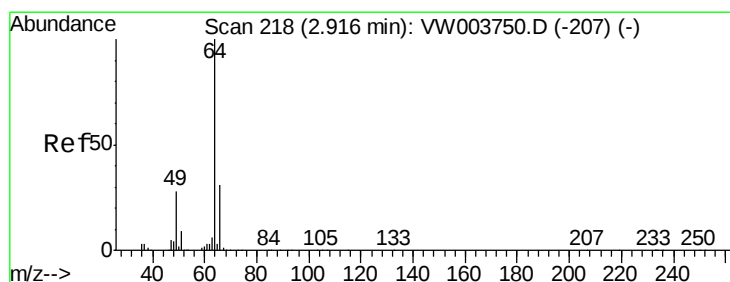
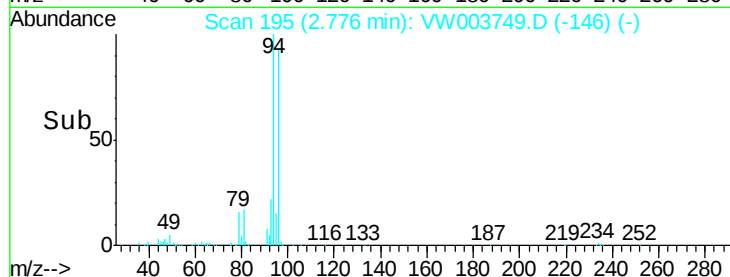
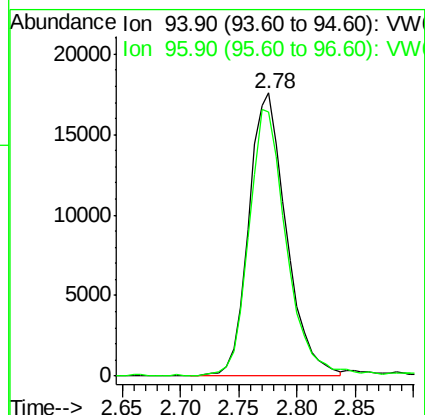
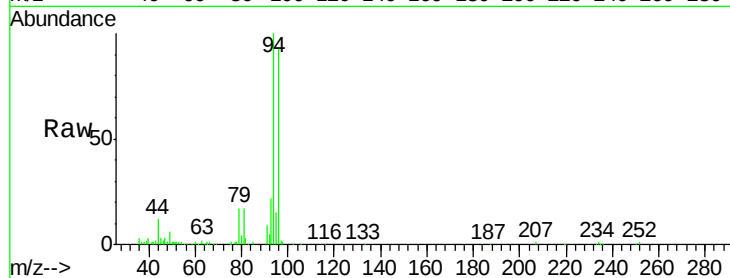
VSTDIC020

Tgt Ion: 94 Resp: 39630

Ion Ratio Lower Upper

94 100

96 92.8 74.8 112.2



#6

Chloroethane

Concen: 24.156 ug/l

RT: 2.91 min Scan# 217

Delta R.T. -0.01 min

Lab File: VW003749.D

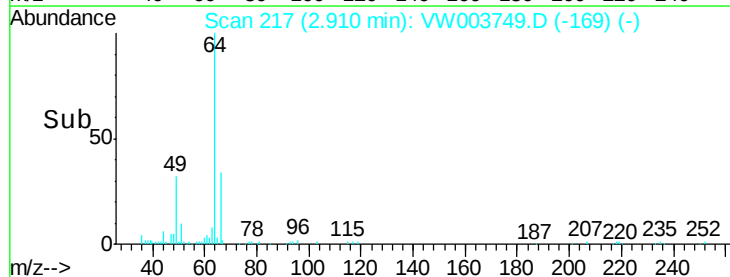
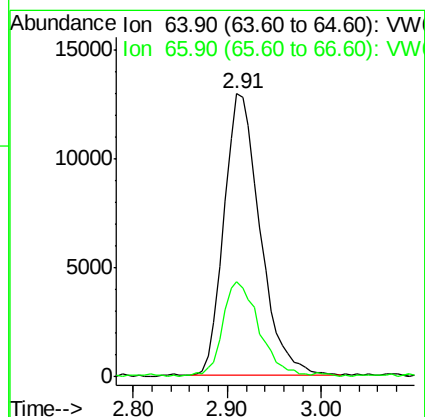
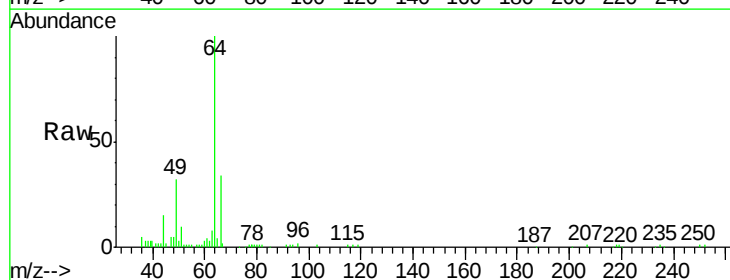
Acq: 06 Jul 2018 23:40

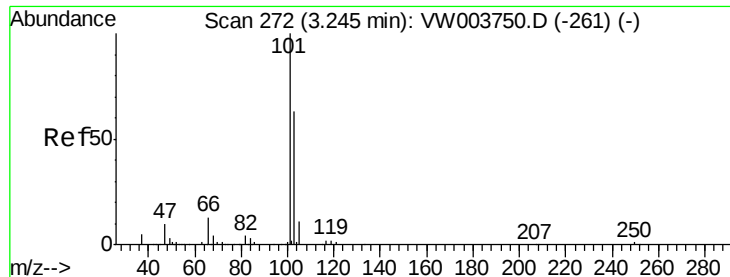
Tgt Ion: 64 Resp: 34524

Ion Ratio Lower Upper

64 100

66 33.5 25.1 37.7



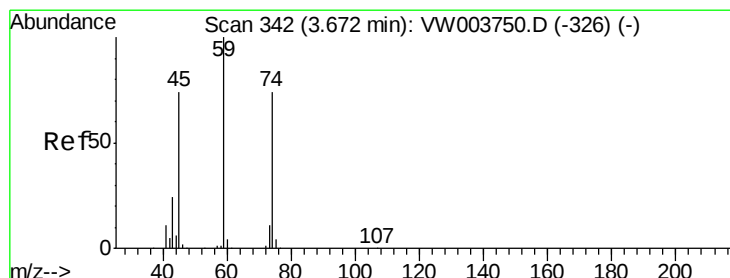
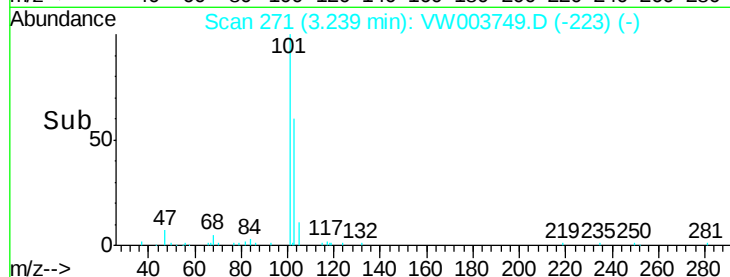
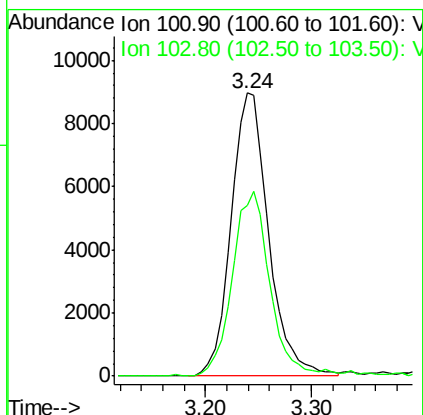
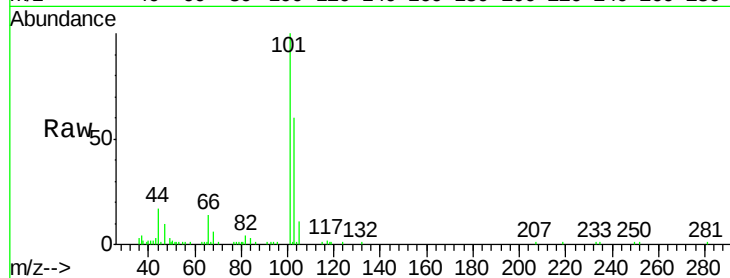


#7

Trichlorofluoromethane
 Concen: 18.180 ug/l
 RT: 3.24 min Scan# 271
 Delta R.T. -0.01 min
 Lab File: VW003749.D
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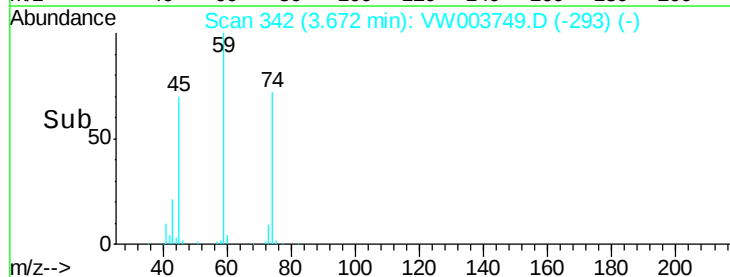
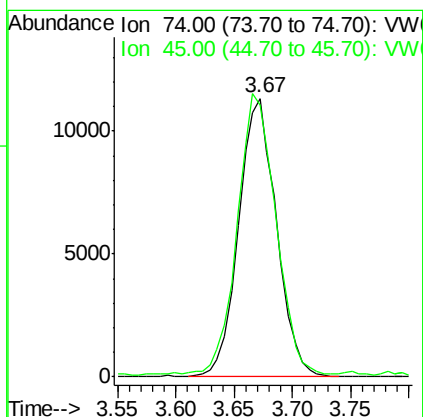
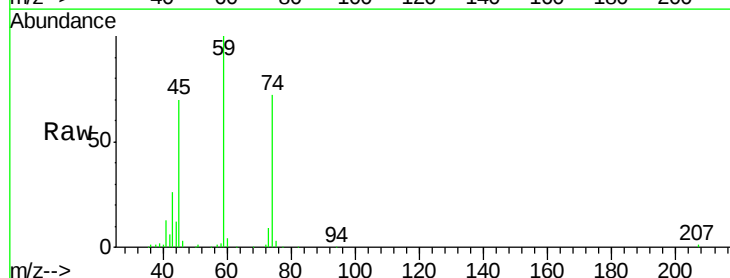
Tgt Ion: 101 Resp: 22159
 Ion Ratio Lower Upper
 101 100
 103 60.4 50.7 76.1

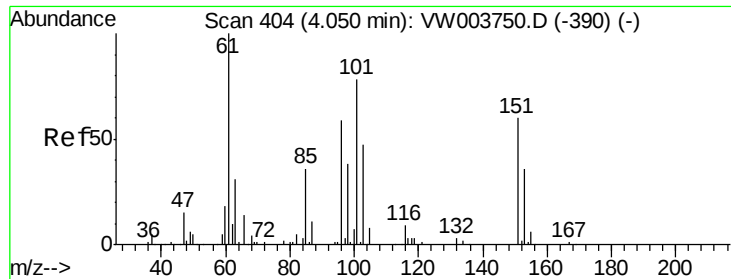


#8

Diethyl Ether
 Concen: 22.506 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VW003749.D
 Acq: 06 Jul 2018 23:40

Tgt Ion: 74 Resp: 25585
 Ion Ratio Lower Upper
 74 100
 45 104.1 52.4 157.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.055 ug/l

RT: 4.04 min Scan# 402

Delta R.T. -0.01 min

Lab File: VW003749.D

Acq: 06 Jul 2018 23:40

Instrument :

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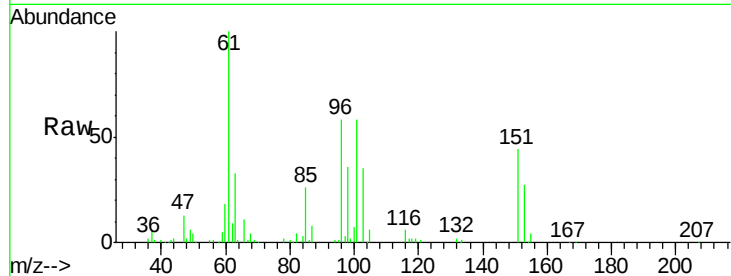
Tgt Ion:101 Resp: 46257

Ion Ratio Lower Upper

101 100

85 45.7 37.1 55.7

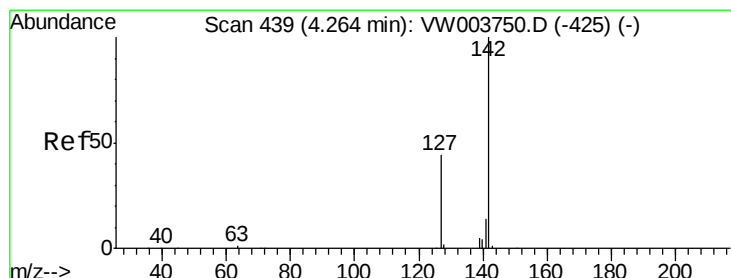
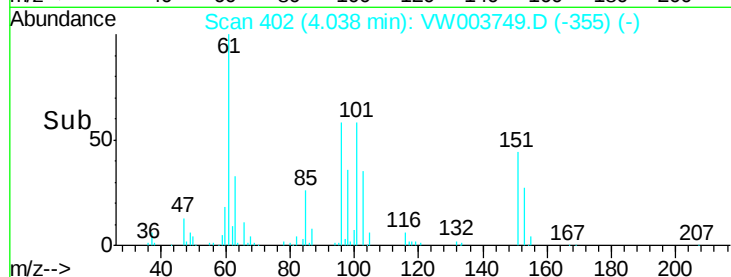
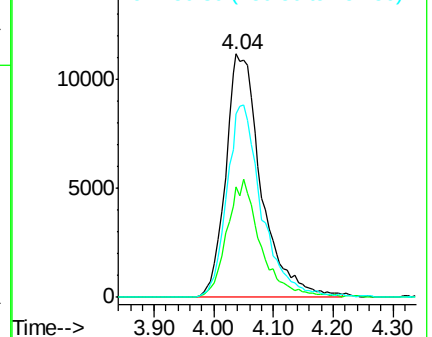
151 77.4 62.3 93.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.370 ug/l

RT: 4.26 min Scan# 438

Delta R.T. -0.01 min

Lab File: VW003749.D

Acq: 06 Jul 2018 23:40

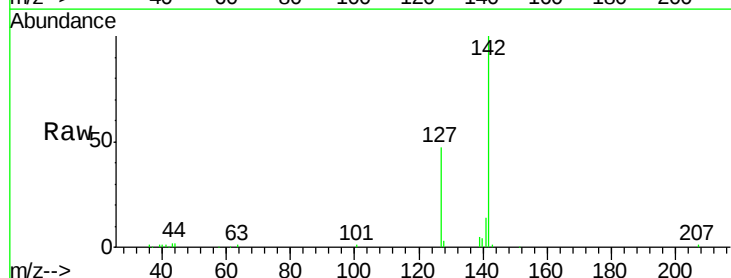
Tgt Ion:142 Resp: 65706

Ion Ratio Lower Upper

142 100

127 46.3 36.1 54.1

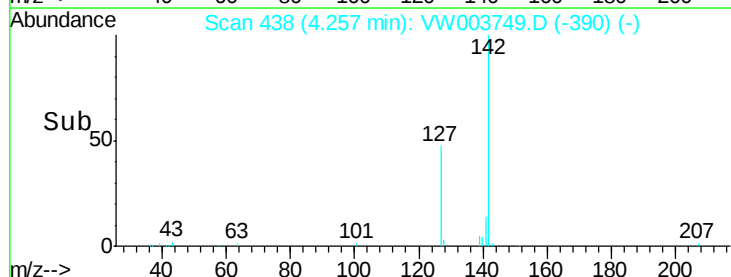
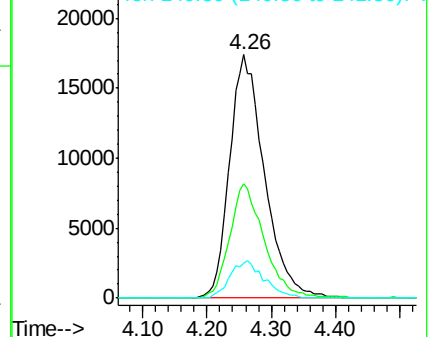
141 15.0 11.6 17.4

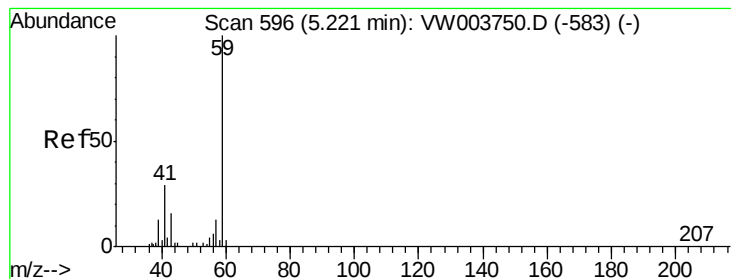


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



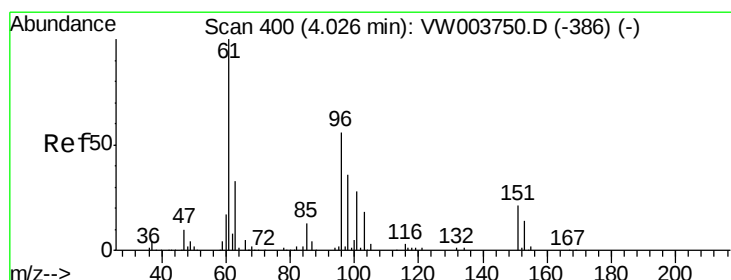
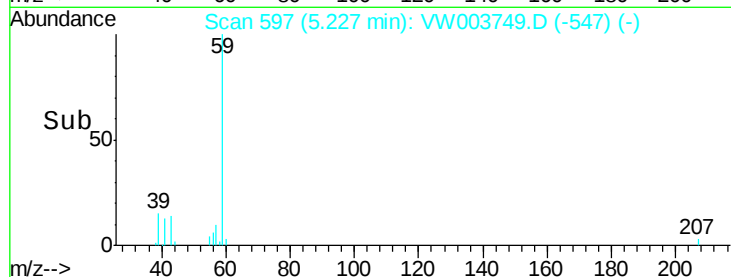
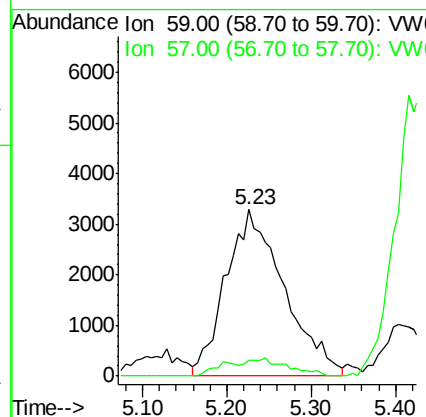
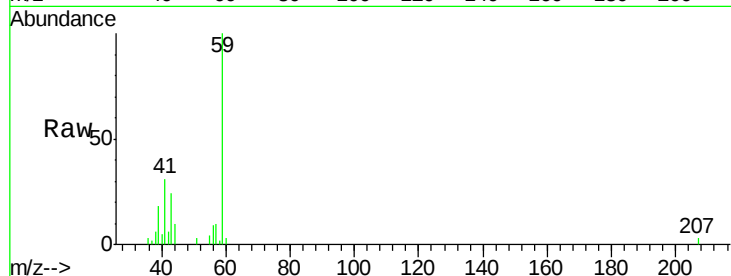


#11

Tert butyl alcohol
Concen: 96.251 ug/l
RT: 5.23 min Scan# 597
Delta R.T. 0.01 min
Lab File: VW003749.D
Acq: 06 Jul 2018 23:40

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

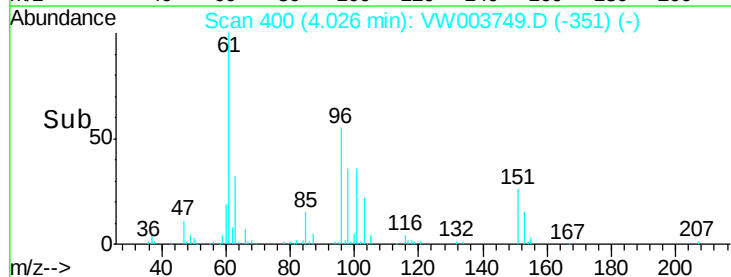
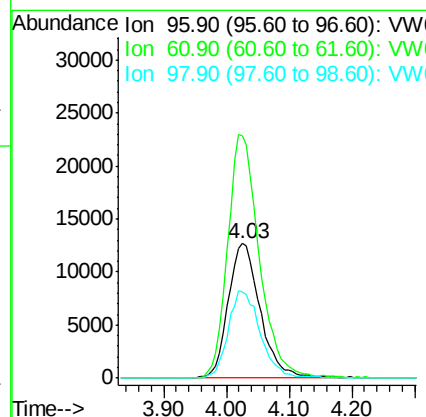
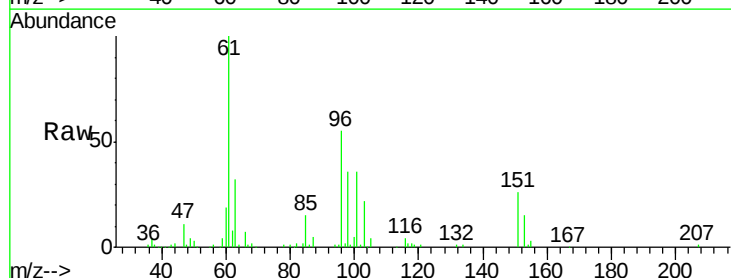
Tgt Ion: 59 Resp: 15557
Ion Ratio Lower Upper
59 100
57 7.6 9.3 13.9#

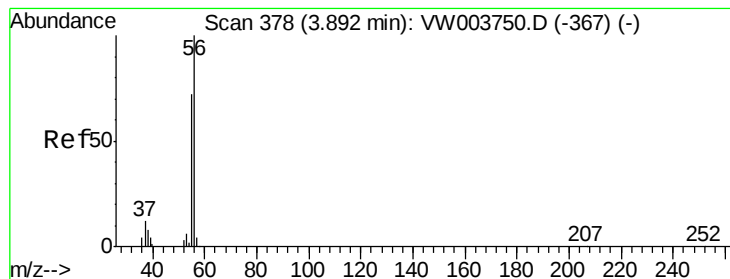


#12

1,1-Dichloroethene
Concen: 21.589 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.00 min
Lab File: VW003749.D
Acq: 06 Jul 2018 23:40

Tgt Ion: 96 Resp: 44980
Ion Ratio Lower Upper
96 100
61 180.3 143.2 214.8
98 64.5 51.4 77.0





#13

Acrolein

Concen: 211.690 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.00 min

Lab File: VW003749.D

Acq: 06 Jul 2018 23:40

Instrument :

MSVOA_W

ClientSampleId :

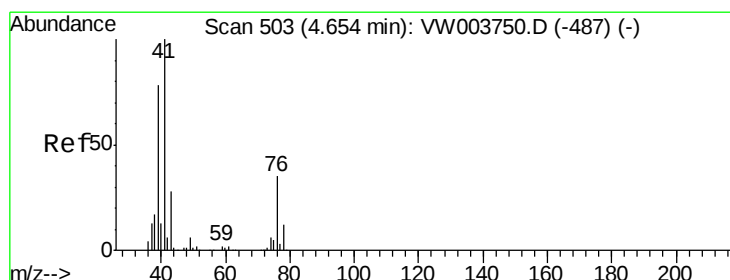
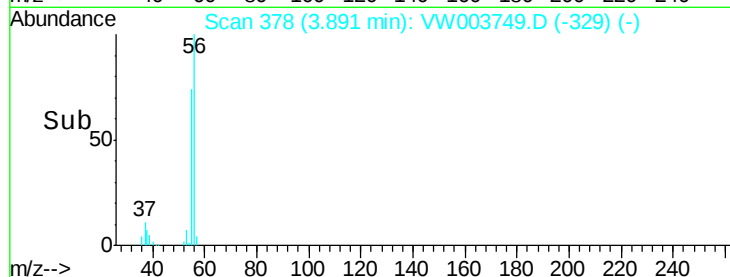
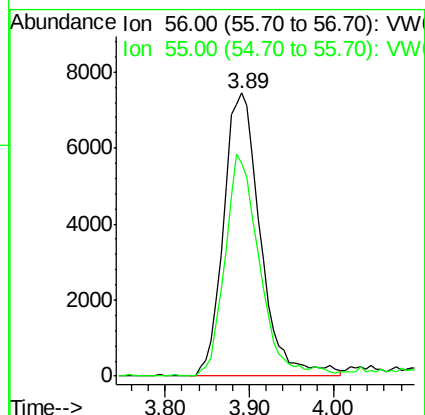
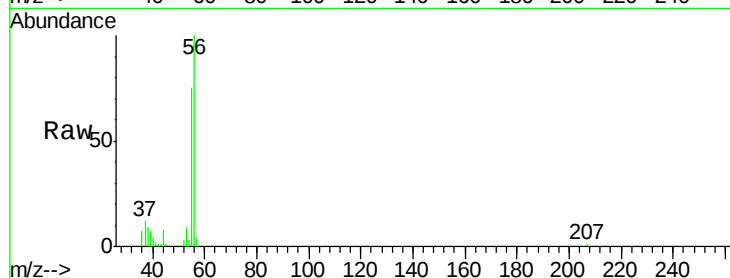
VSTDIC020

Tgt Ion: 56 Resp: 22228

Ion Ratio Lower Upper

56 100

55 71.9 57.5 86.3



#14

Allyl chloride

Concen: 20.874 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW003749.D

Acq: 06 Jul 2018 23:40

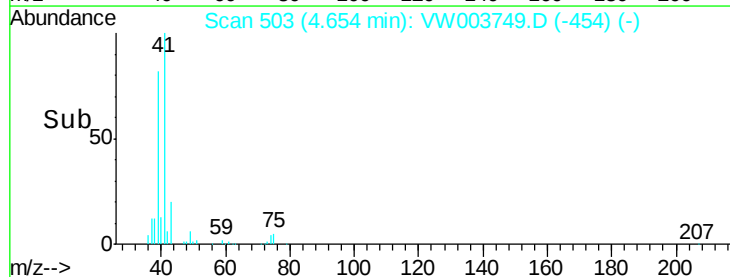
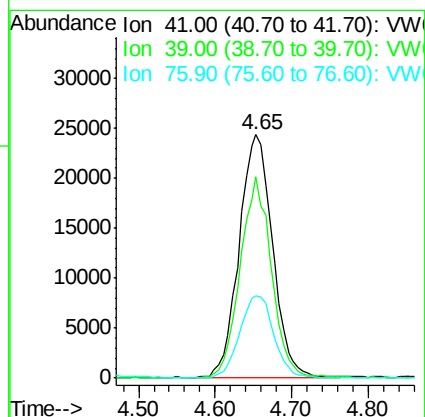
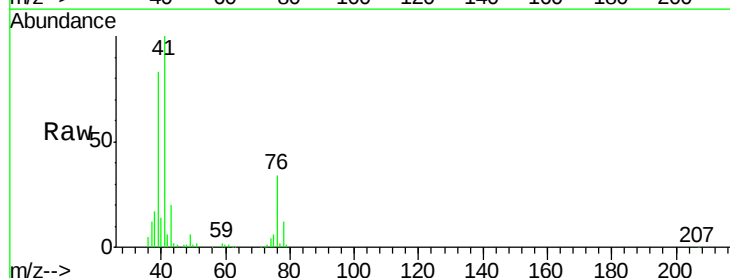
Tgt Ion: 41 Resp: 74455

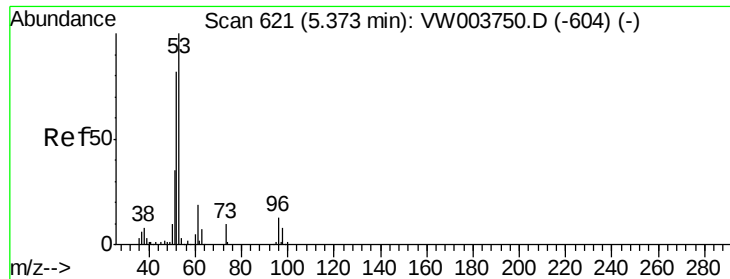
Ion Ratio Lower Upper

41 100

39 77.1 60.9 91.3

76 34.2 27.5 41.3





#15

Acrylonitrile

Concen: 102.270 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.01 min

Lab File: VW003749.D

Acq: 06 Jul 2018 23:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

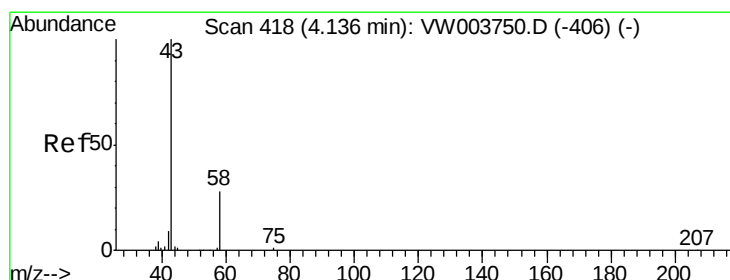
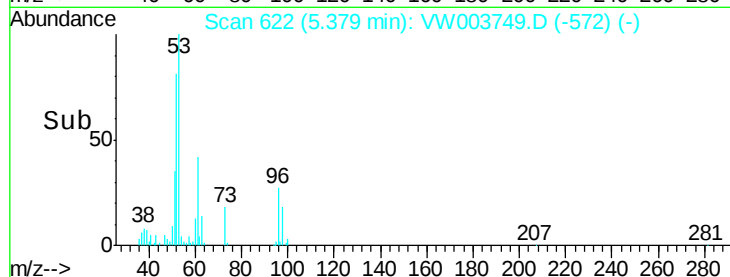
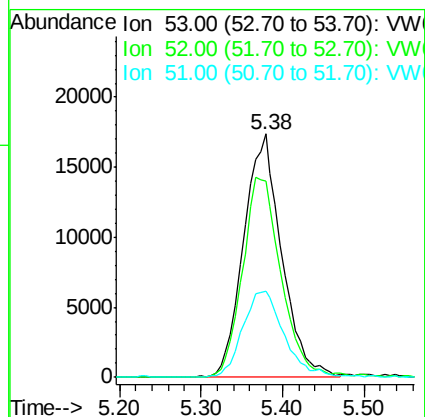
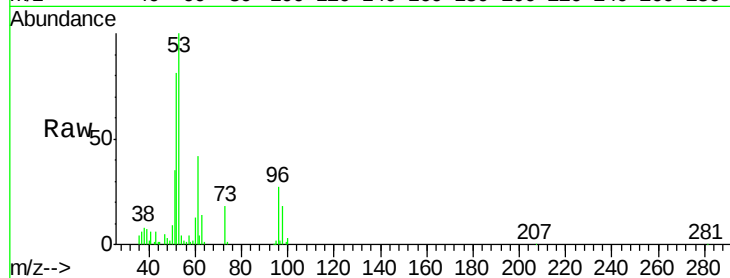
Tgt Ion: 53 Resp: 56200

Ion Ratio Lower Upper

53 100

52 83.0 66.2 99.2

51 38.6 30.2 45.4



#16

Acetone

Concen: 80.208 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW003749.D

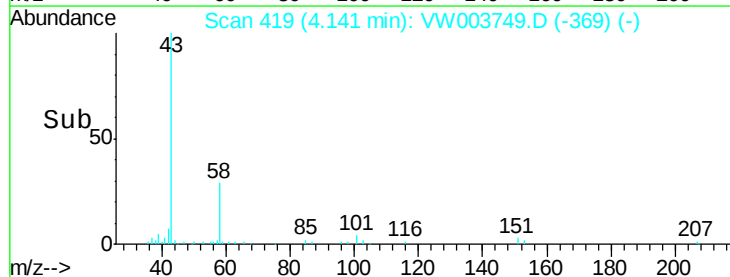
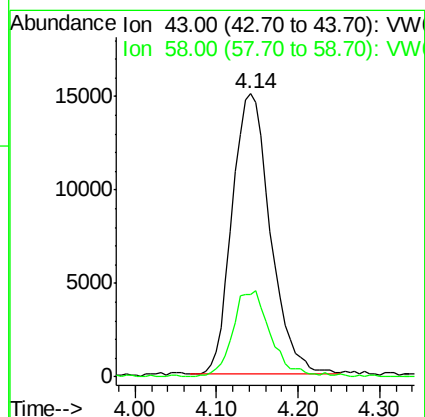
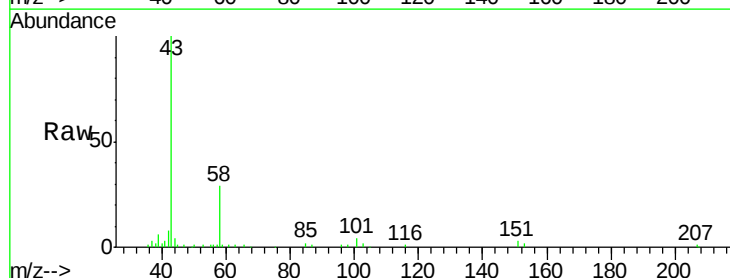
Acq: 06 Jul 2018 23:40

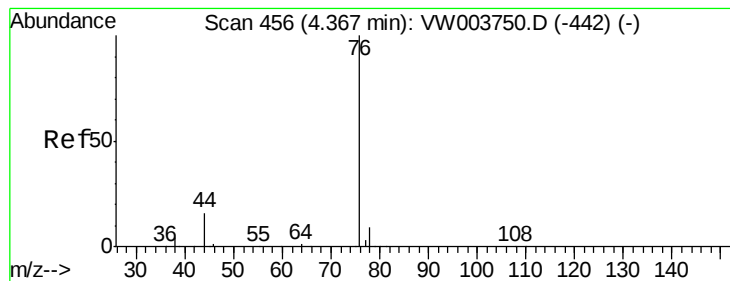
Tgt Ion: 43 Resp: 48974

Ion Ratio Lower Upper

43 100

58 29.3 22.6 34.0





#17

Carbon Disulfide

Concen: 23.129 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW003749.D

Acq: 06 Jul 2018 23:40

Instrument :

MSVOA_W

ClientSampleId :

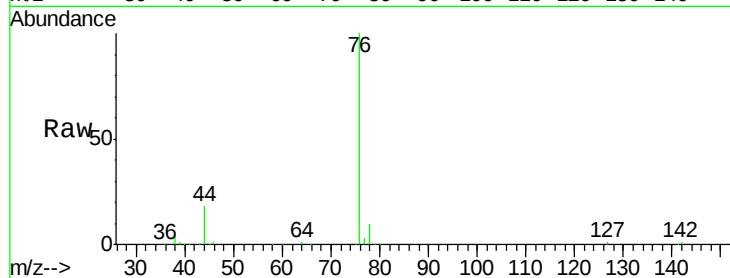
VSTDIC020

Tgt Ion: 76 Resp: 144718

Ion Ratio Lower Upper

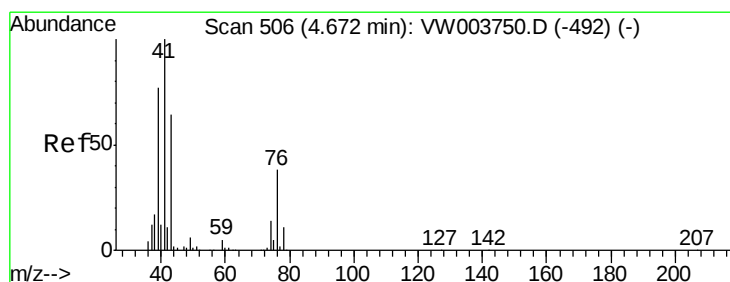
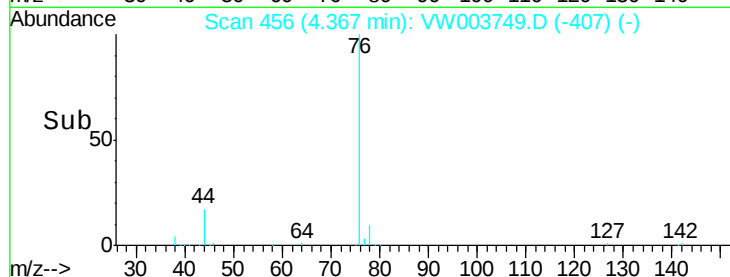
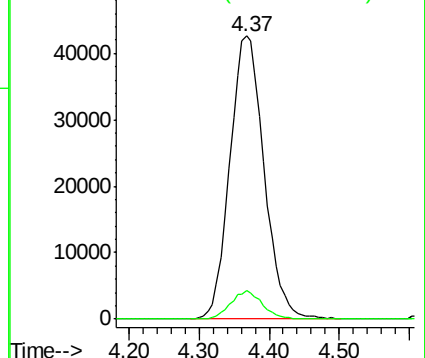
76 100

78 10.2 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 18.659 ug/l

RT: 4.68 min Scan# 507

Delta R.T. 0.01 min

Lab File: VW003749.D

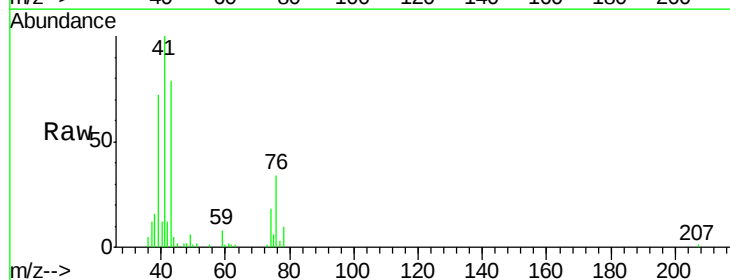
Acq: 06 Jul 2018 23:40

Tgt Ion: 43 Resp: 28289

Ion Ratio Lower Upper

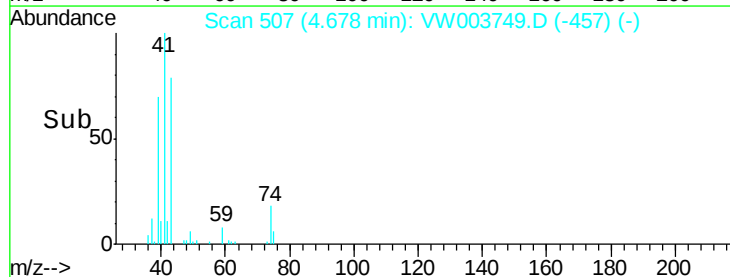
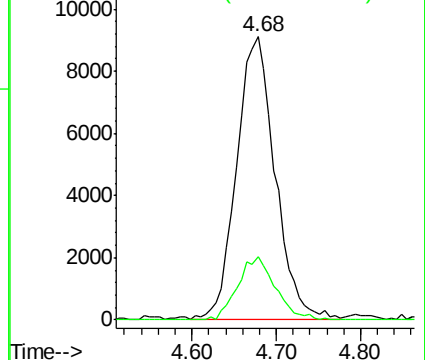
43 100

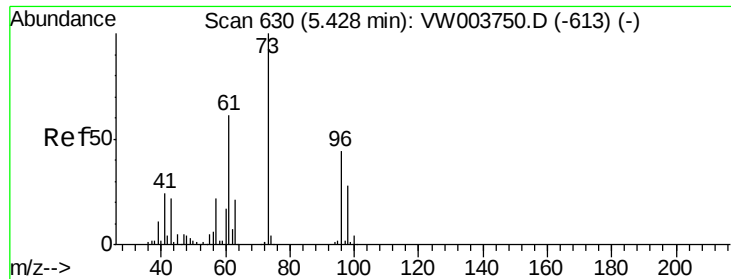
74 21.6 17.3 25.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

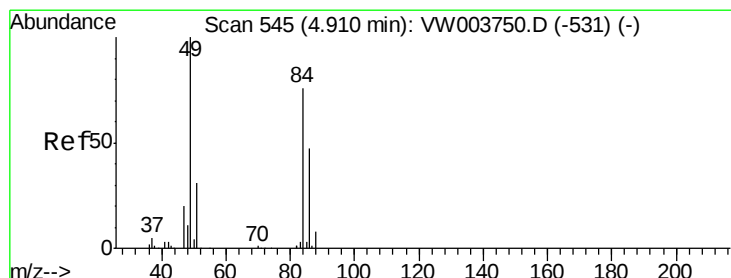
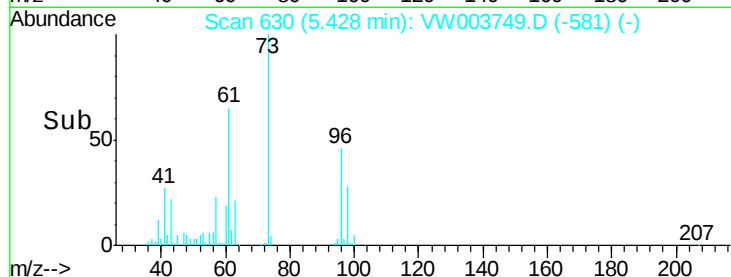
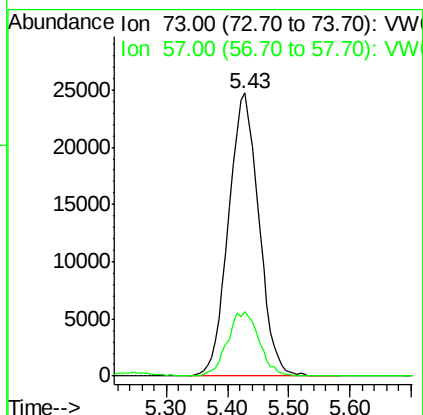
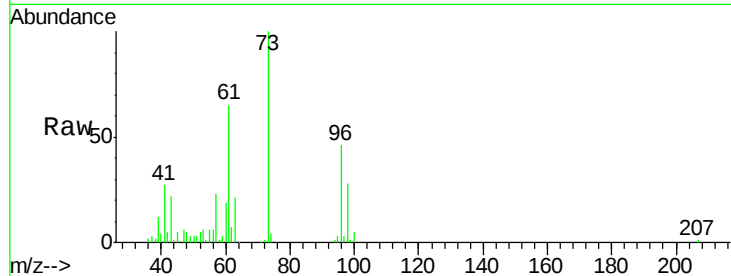




#19
Methyl tert-butyl Ether
Concen: 20.513 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW003749.D
Acq: 06 Jul 2018 23:40

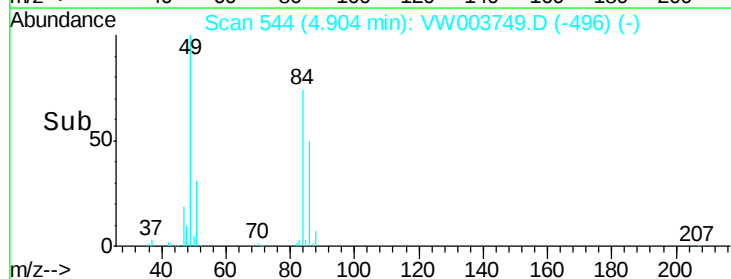
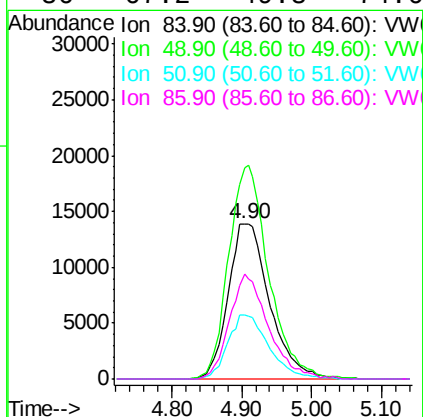
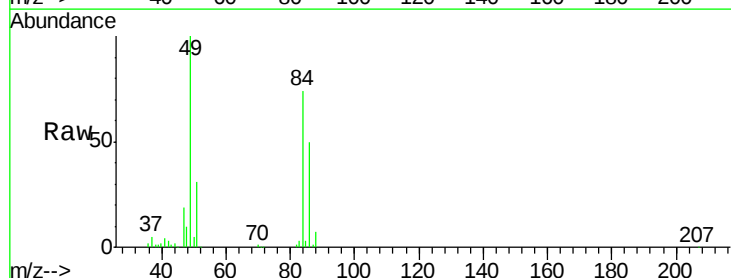
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

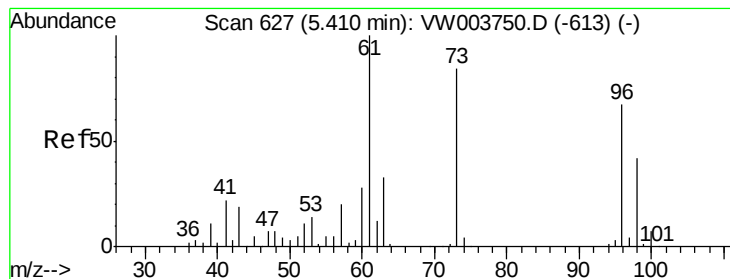
Tgt Ion: 73 Resp: 84774
Ion Ratio Lower Upper
73 100
57 22.6 17.9 26.9



#20
Methylene Chloride
Concen: 20.189 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003749.D
Acq: 06 Jul 2018 23:40

Tgt Ion: 84 Resp: 57080
Ion Ratio Lower Upper
84 100
49 135.2 105.1 157.7
51 41.5 32.5 48.7
86 67.2 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 21.934 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.00 min

Lab File: VW003749.D

Acq: 06 Jul 2018 23:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

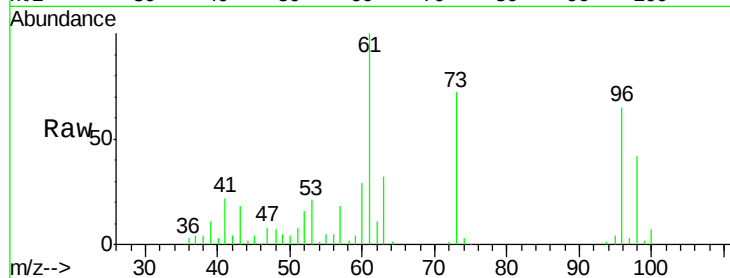
Tgt Ion: 96 Resp: 50341

Ion Ratio Lower Upper

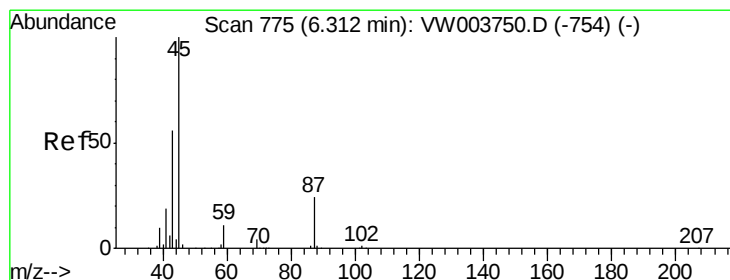
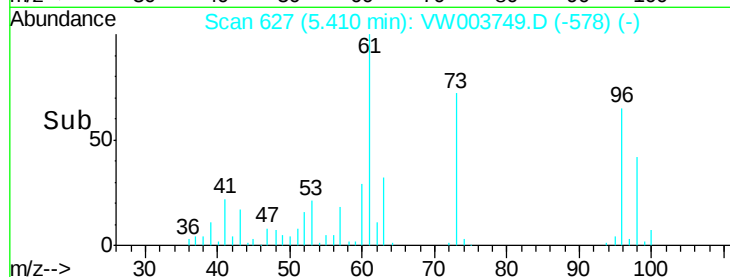
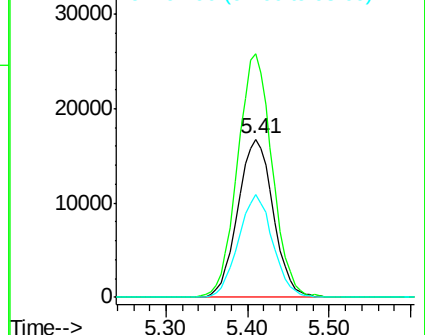
96 100

61 154.0 119.0 178.6

98 65.1 49.8 74.8



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: 21.850 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW003749.D

Acq: 06 Jul 2018 23:40

Tgt Ion: 45 Resp: 161711

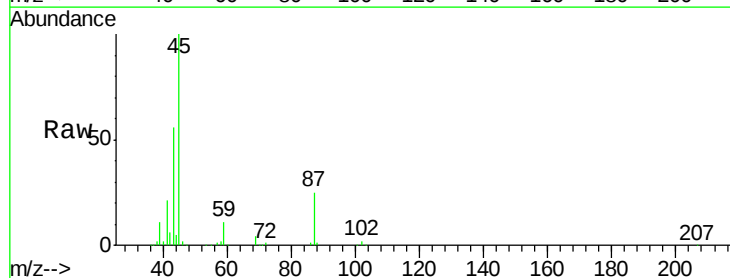
Ion Ratio Lower Upper

45 100

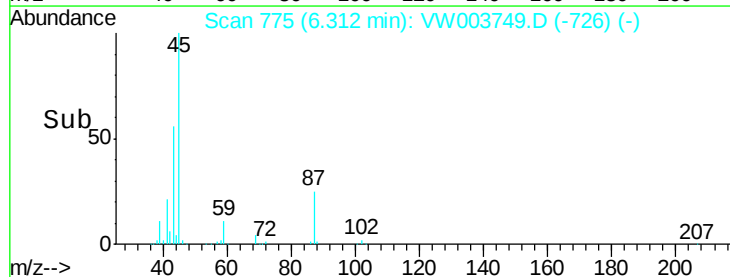
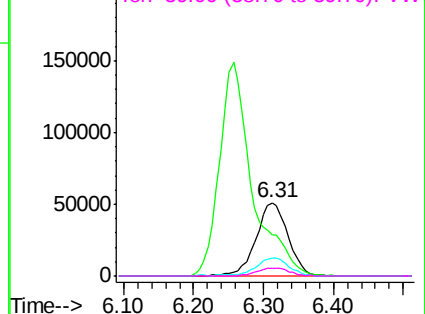
43 55.1 44.5 66.7

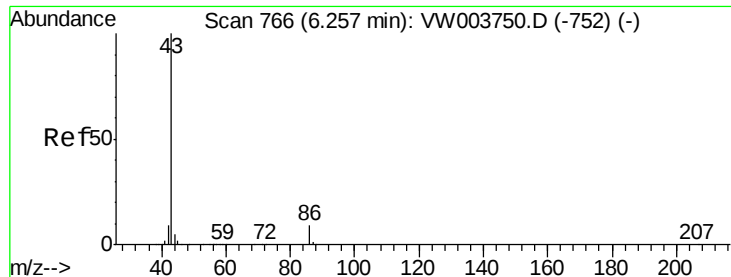
87 24.7 19.6 29.4

59 10.5 9.1 13.7



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: 107.620 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW003749.D

Acq: 06 Jul 2018 23:40

Instrument :

MSVOA_W

ClientSampleId :

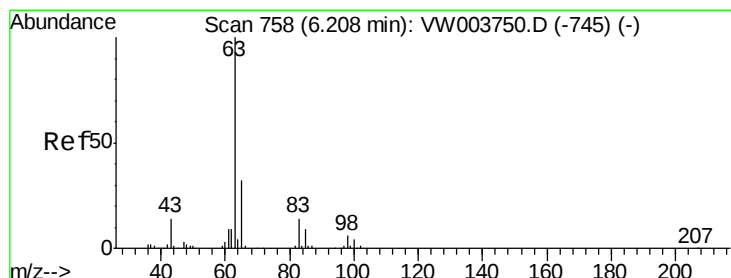
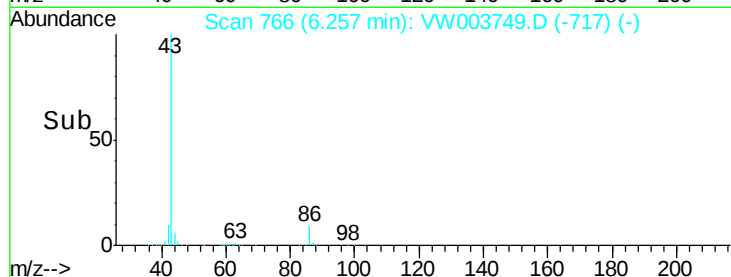
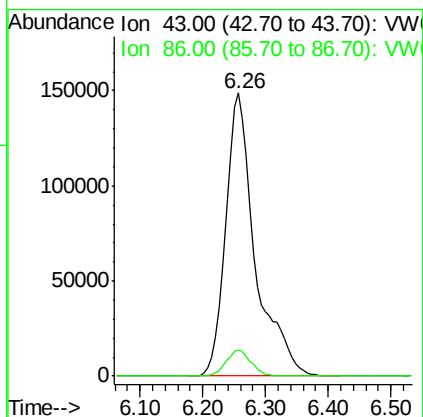
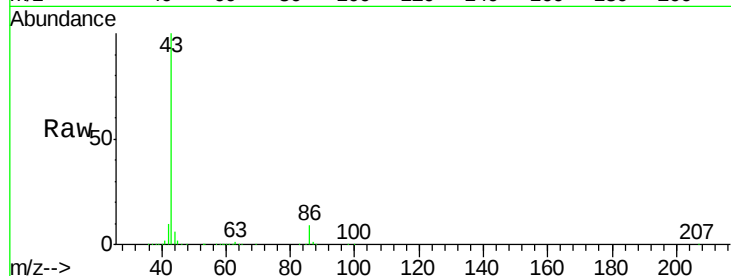
VSTDIC020

Tgt Ion: 43 Resp: 485389

Ion Ratio Lower Upper

43 100

86 9.0 7.3 10.9



#24

1,1-Dichloroethane

Concen: 21.708 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.00 min

Lab File: VW003749.D

Acq: 06 Jul 2018 23:40

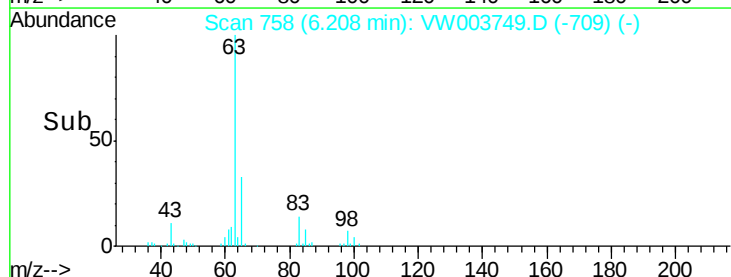
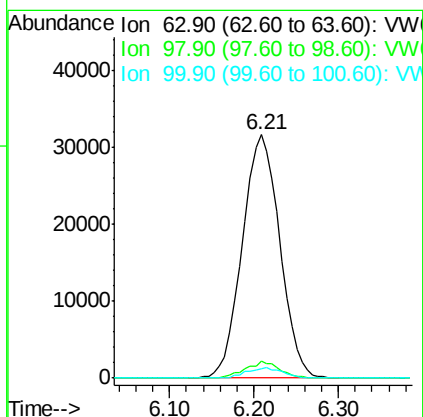
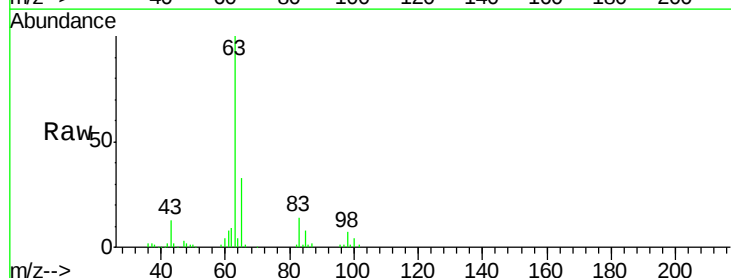
Tgt Ion: 63 Resp: 95480

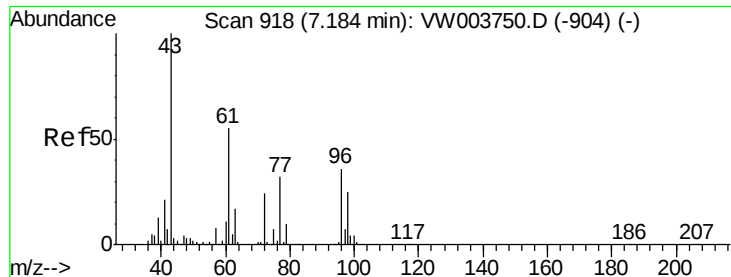
Ion Ratio Lower Upper

63 100

98 6.8 3.2 9.6

100 4.0 2.1 6.2





#25

2-Butanone

Concen: 93.994 ug/l

RT: 7.18 min Scan# 918

Delta R.T. -0.00 min

Lab File: VW003749.D

Acq: 06 Jul 2018 23:40

Instrument :

MSVOA_W

ClientSampleId :

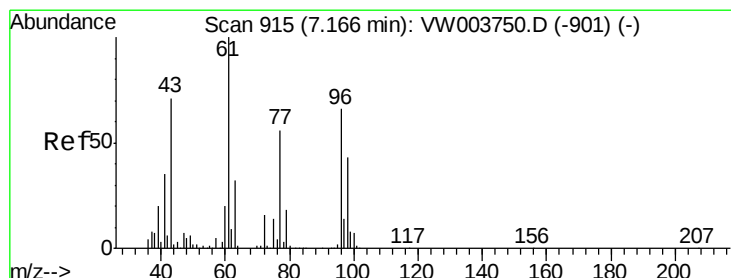
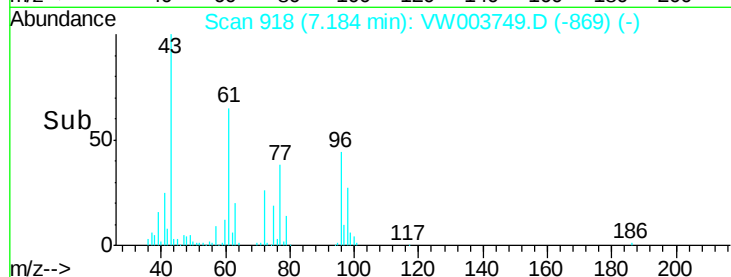
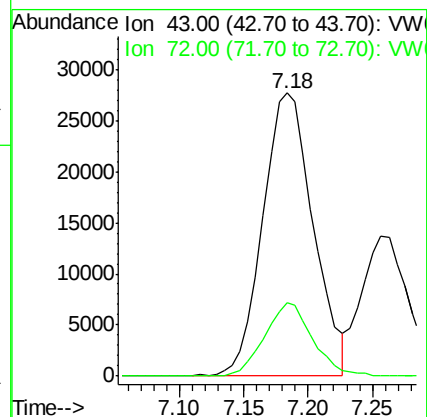
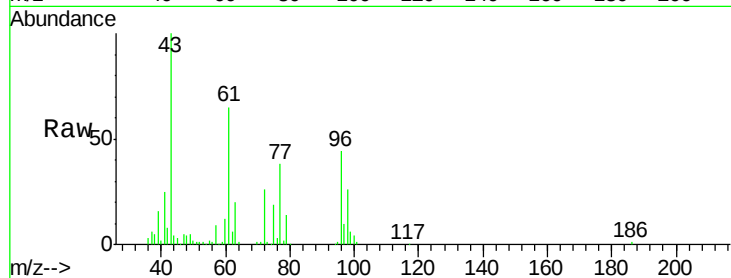
VSTDIC020

Tgt Ion: 43 Resp: 75244

Ion Ratio Lower Upper

43 100

72 25.7 19.4 29.2



#26

2,2-Dichloropropane

Concen: 19.974 ug/l

RT: 7.16 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW003749.D

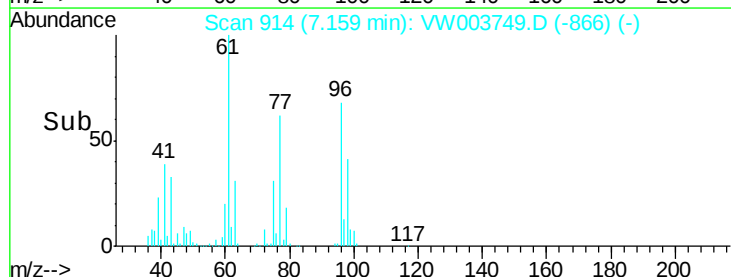
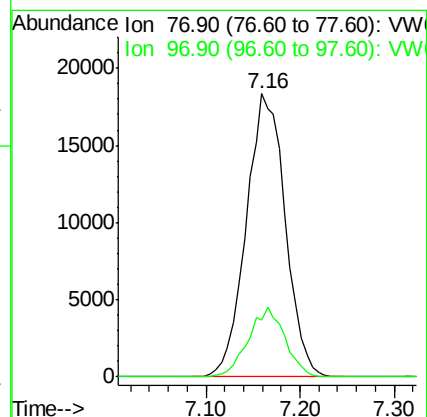
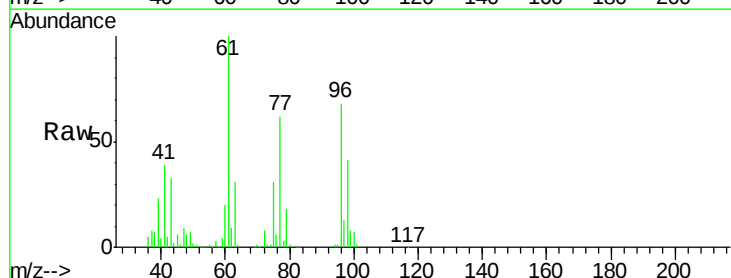
Acq: 06 Jul 2018 23:40

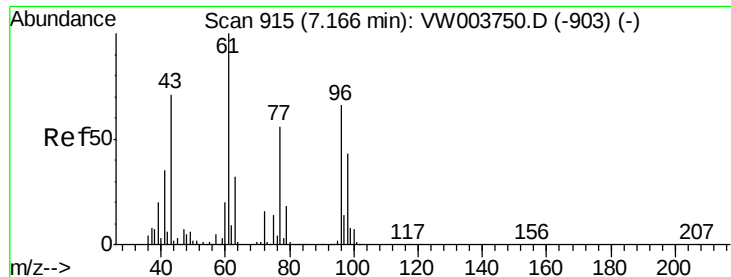
Tgt Ion: 77 Resp: 52900

Ion Ratio Lower Upper

77 100

97 22.9 11.5 34.5



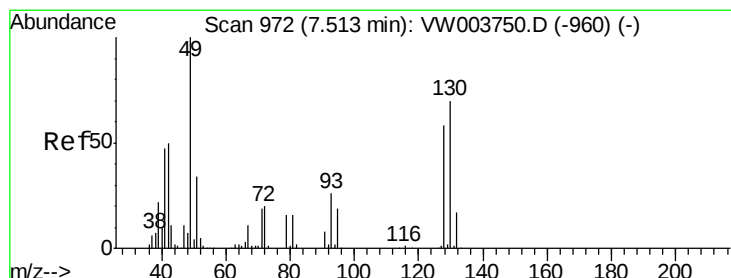
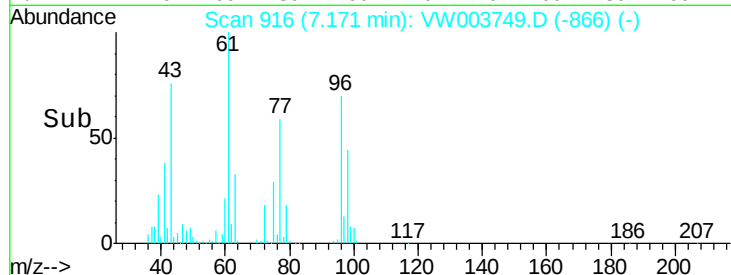
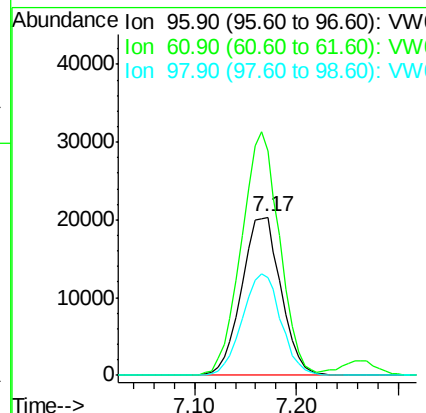
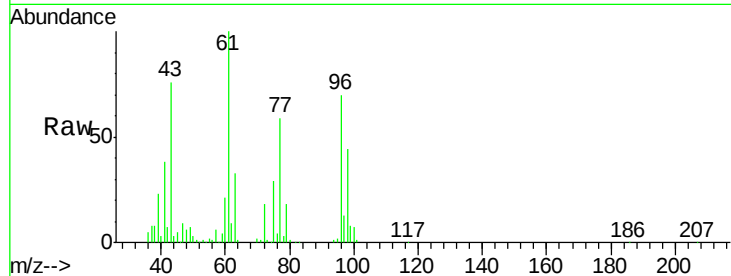


#27

cis-1,2-Dichloroethene
Concen: 21.784 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW003749.D
Acq: 06 Jul 2018 23:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

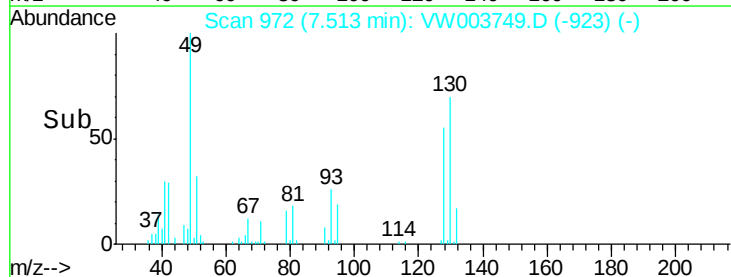
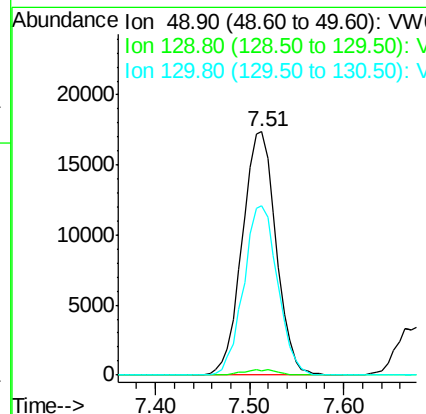
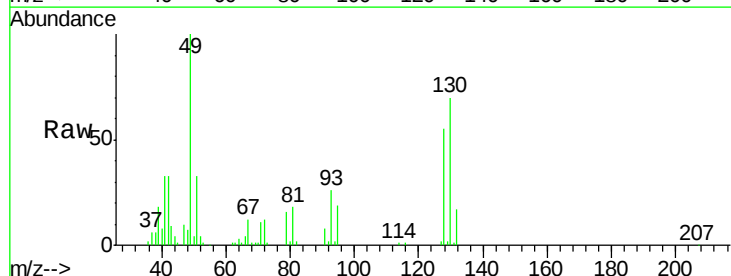
Tgt Ion: 96 Resp: 54625
Ion Ratio Lower Upper
96 100
61 148.5 0.0 300.8
98 63.0 0.0 128.6

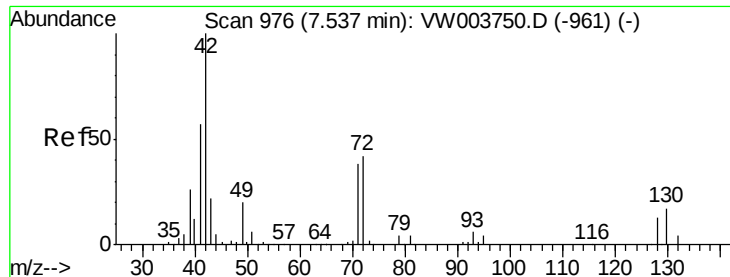


#28

Bromochloromethane
Concen: 22.712 ug/l
RT: 7.51 min Scan# 972
Delta R.T. -0.00 min
Lab File: VW003749.D
Acq: 06 Jul 2018 23:40

Tgt Ion: 49 Resp: 43643
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.4
130 69.9 56.9 85.3

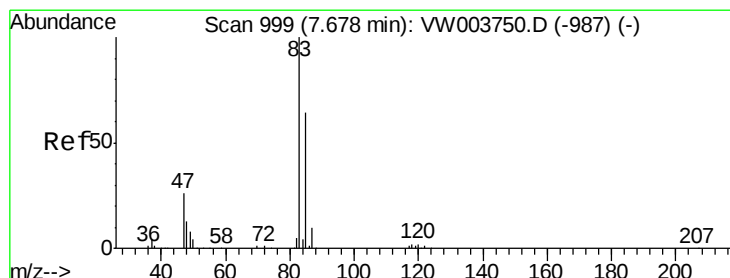
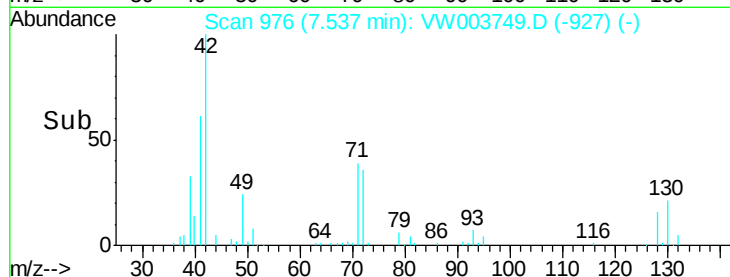
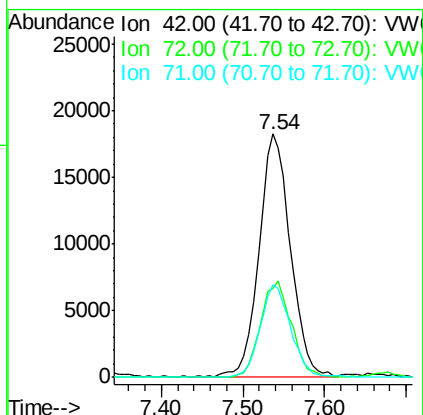
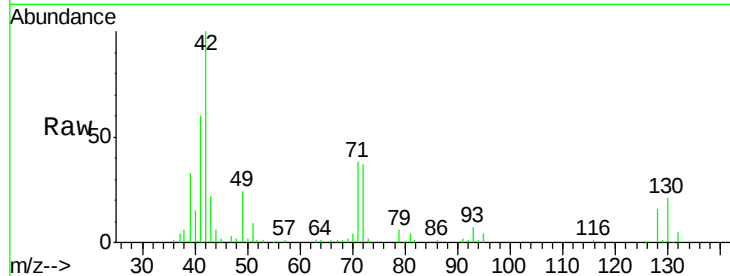




#29
Tetrahydrofuran
Concen: 100.962 ug/l
RT: 7.54 min Scan# 976
Delta R.T. -0.00 min
Lab File: VW003749.D
Acq: 06 Jul 2018 23:40

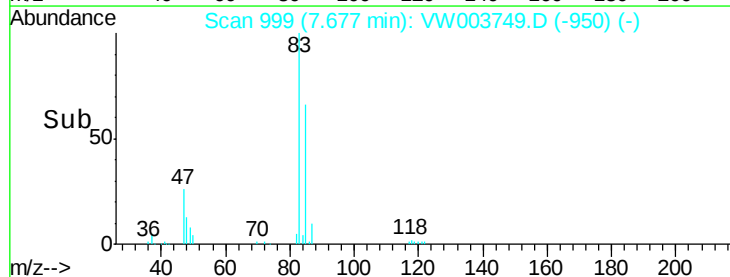
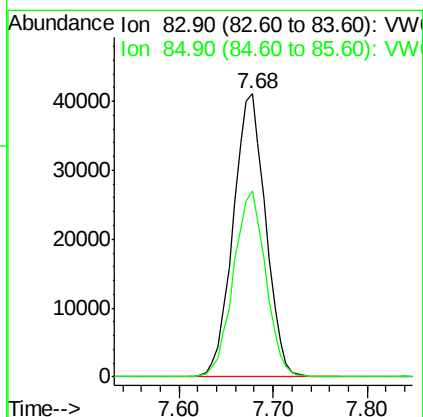
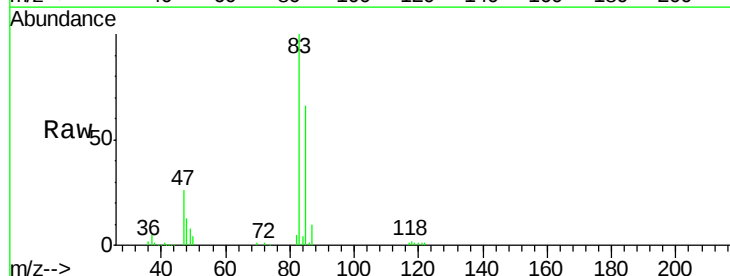
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

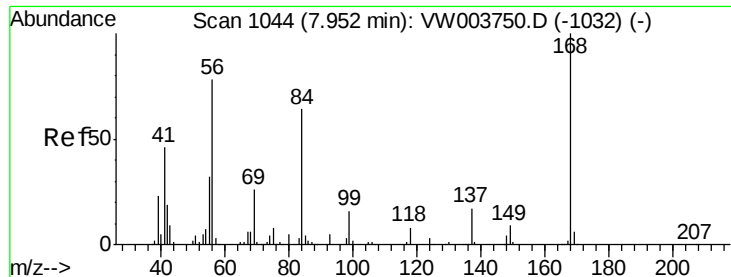
Tgt Ion: 42 Resp: 49001
Ion Ratio Lower Upper
42 100
72 38.8 31.8 47.8
71 36.9 30.3 45.5



#30
Chloroform
Concen: 22.025 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW003749.D
Acq: 06 Jul 2018 23:40

Tgt Ion: 83 Resp: 98114
Ion Ratio Lower Upper
83 100
85 65.6 51.5 77.3





#31

Cyclohexane

Concen: 21.001 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003749.D

Acq: 06 Jul 2018 23:40

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

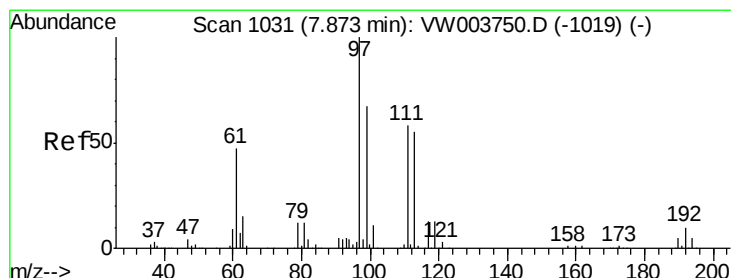
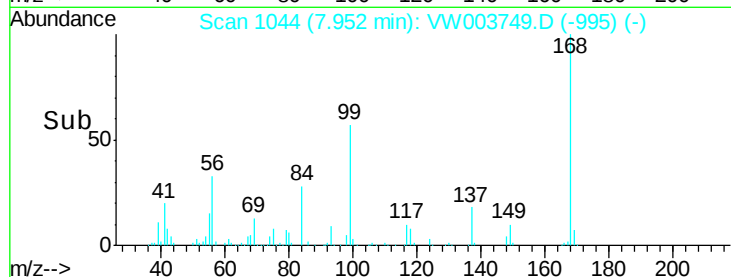
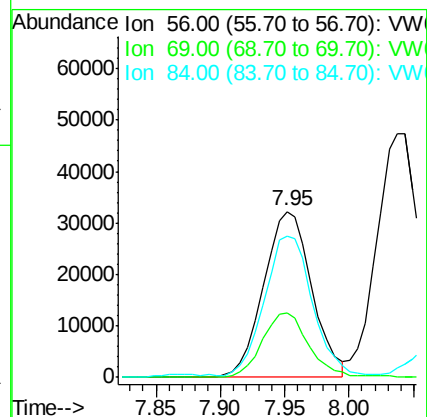
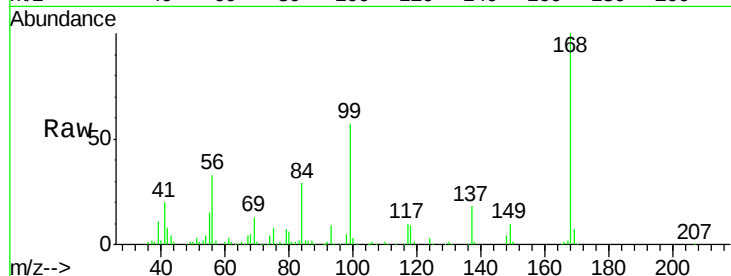
Tgt Ion: 56 Resp: 83546

Ion Ratio Lower Upper

56 100

69 39.0 26.2 39.4

84 83.7 65.5 98.3



#32

1,1,1-Trichloroethane

Concen: 21.832 ug/l

RT: 7.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VW003749.D

Acq: 06 Jul 2018 23:40

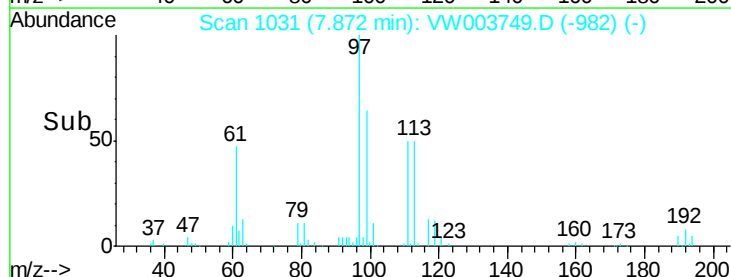
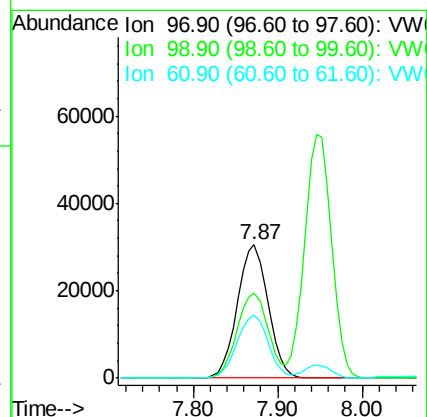
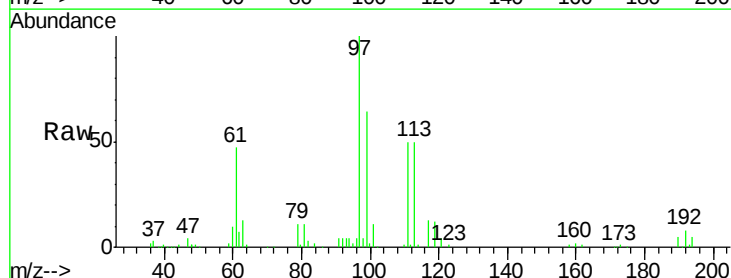
Tgt Ion: 97 Resp: 75441

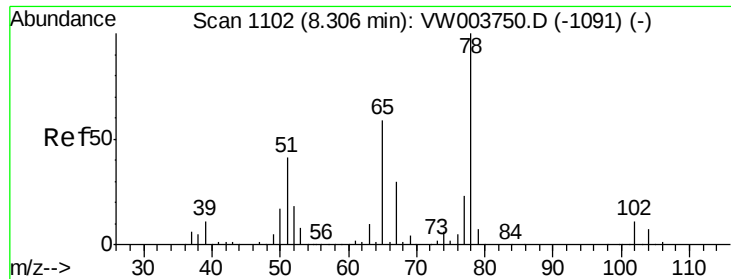
Ion Ratio Lower Upper

97 100

99 65.5 51.2 76.8

61 47.7 37.6 56.4

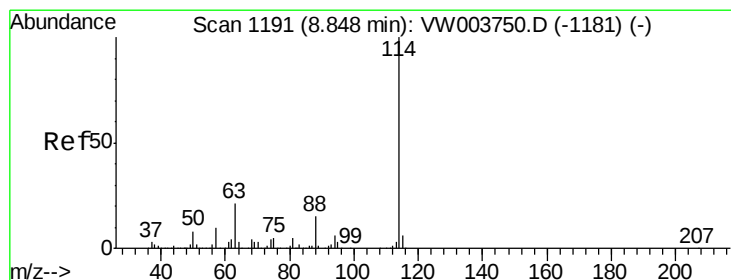
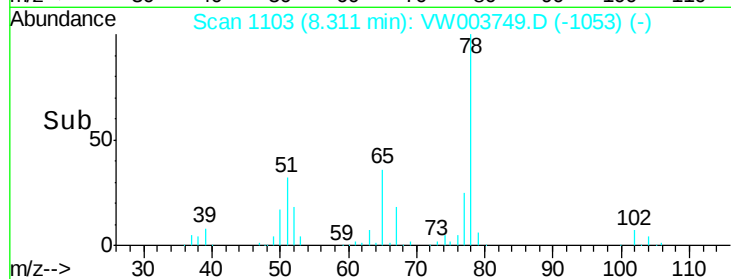
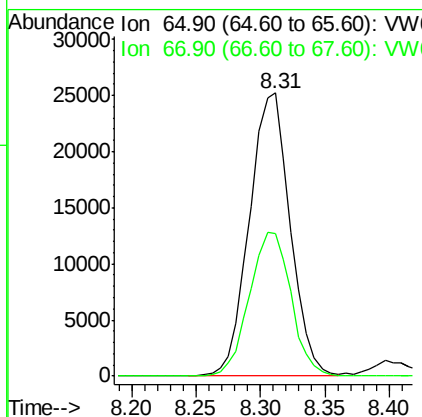
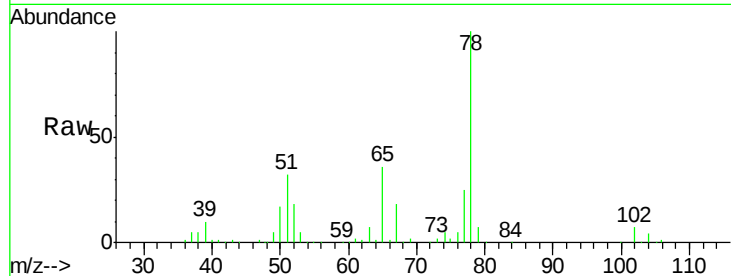




#33
 1,2-Dichloroethane-d4
 Concen: 21.021 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW003749.D
 Acq: 06 Jul 2018 23:40

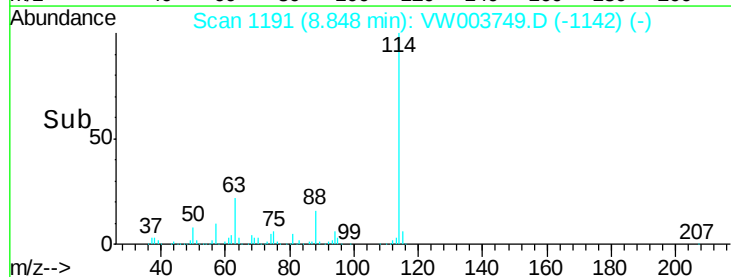
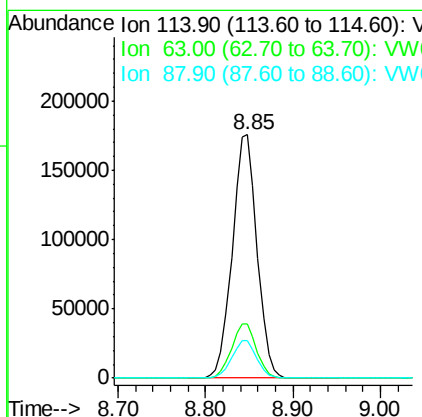
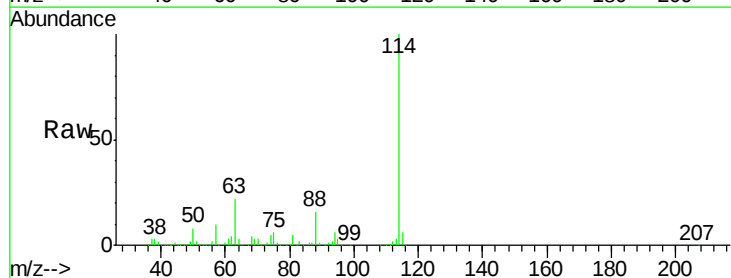
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

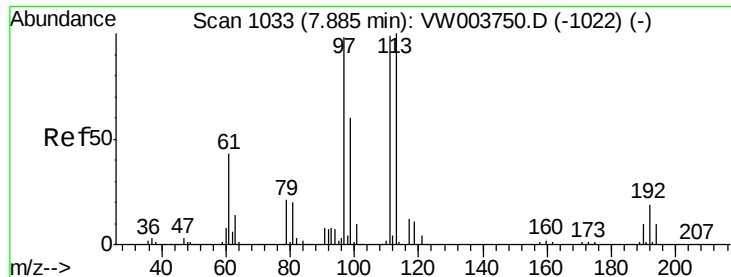
Tgt Ion: 65 Resp: 55291
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003749.D
 Acq: 06 Jul 2018 23:40

Tgt Ion: 114 Resp: 345015
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 41.8
 88 15.6 0.0 30.2

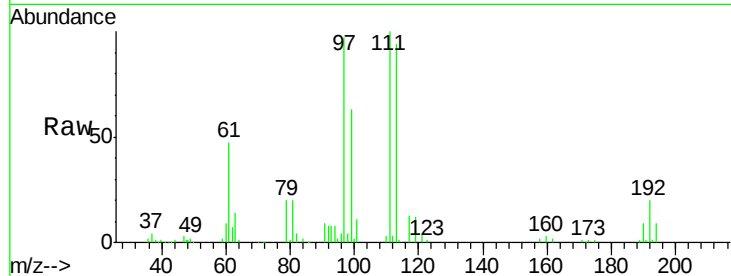




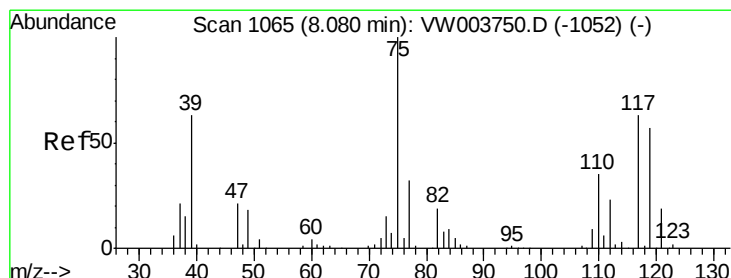
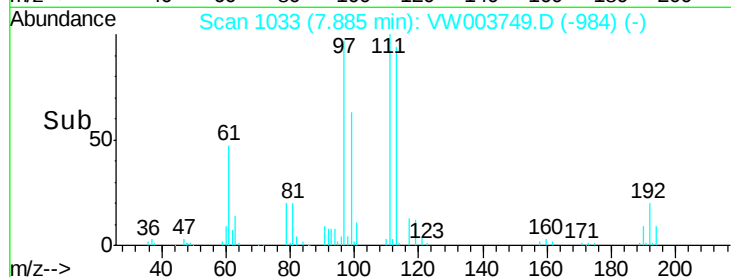
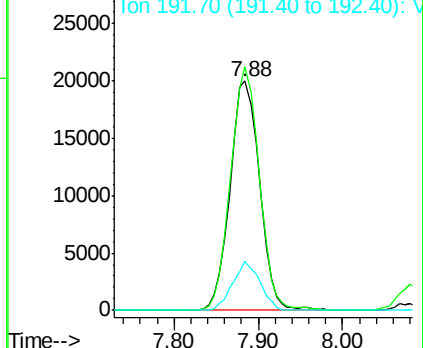
#35
 Dibromofluoromethane
 Concen: 20.826 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003749.D
 Acq: 06 Jul 2018 23:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion: 113 Resp: 47320
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.7 122.5
 192 19.6 15.8 23.8

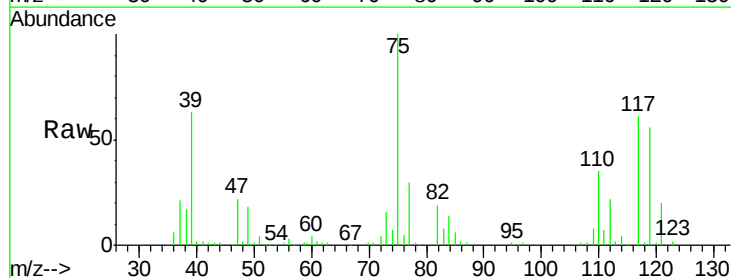


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

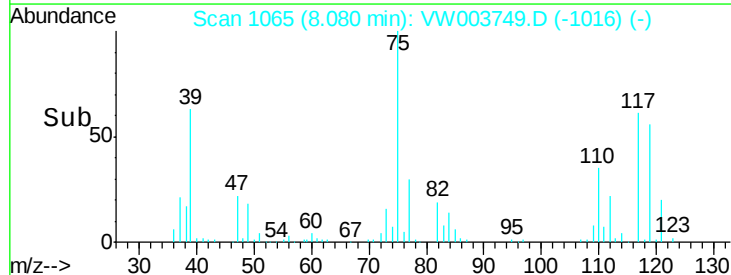
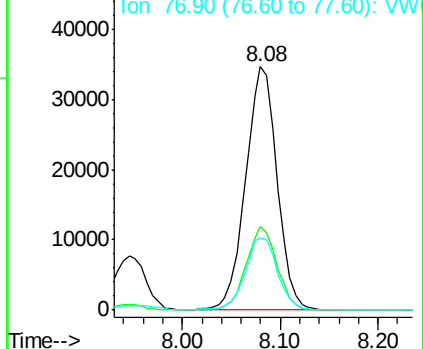


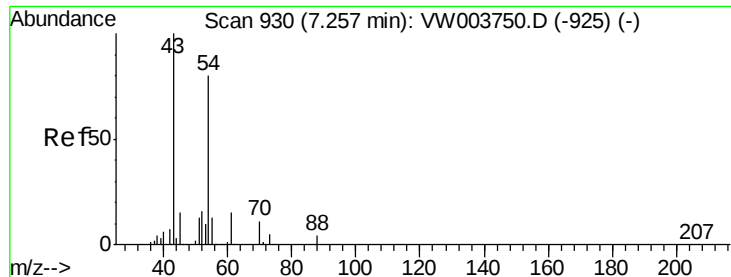
#36
 1,1-Dichloropropene
 Concen: 22.159 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW003749.D
 Acq: 06 Jul 2018 23:40

Tgt Ion: 75 Resp: 77411
 Ion Ratio Lower Upper
 75 100
 110 33.5 16.9 50.6
 77 30.9 24.8 37.2



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

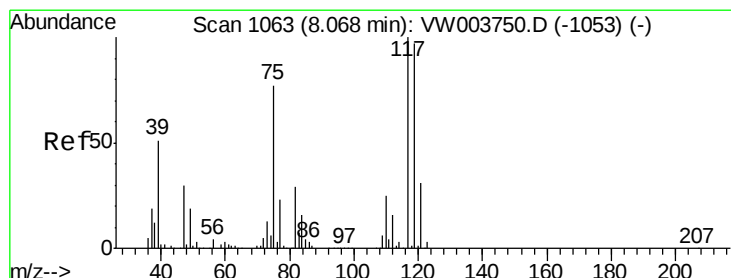
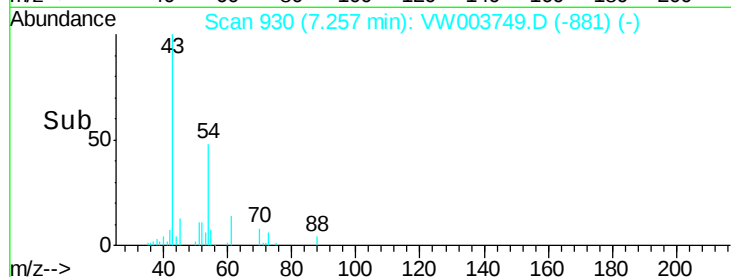
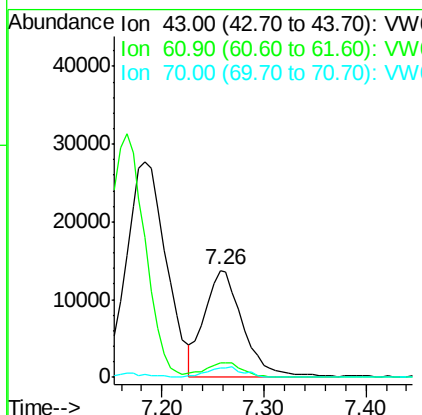
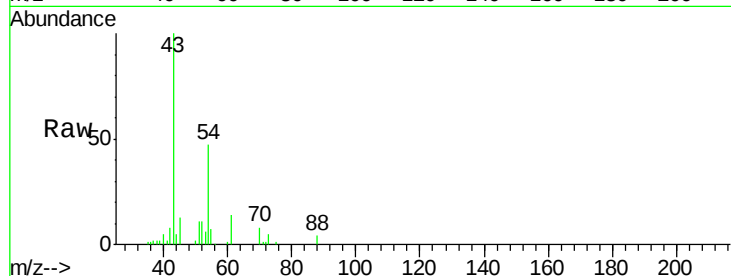




#37
 Ethyl Acetate
 Concen: 20.752 ug/l
 RT: 7.26 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: VW003749.D
 Acq: 06 Jul 2018 23:40

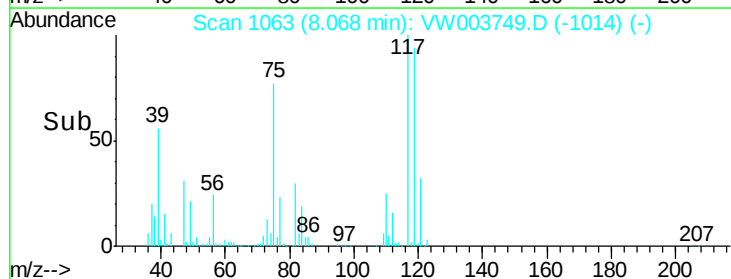
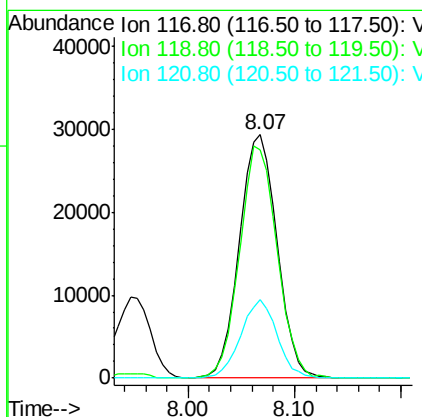
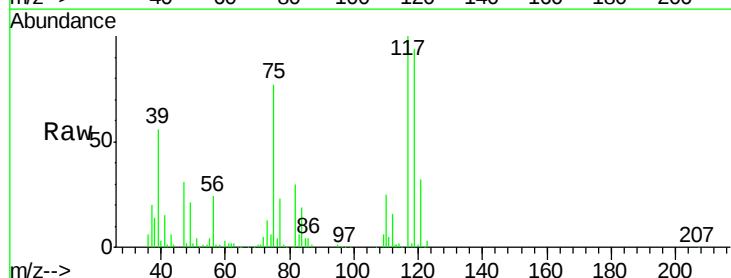
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

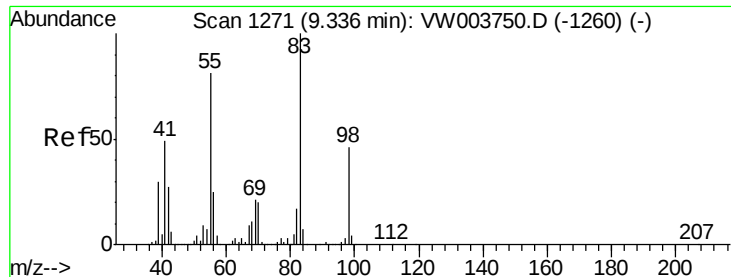
Tgt Ion: 43 Resp: 35587
 Ion Ratio Lower Upper
 43 100
 61 14.1 10.6 15.8
 70 9.3 7.5 11.3



#38
 Carbon Tetrachloride
 Concen: 22.042 ug/l
 RT: 8.07 min Scan# 1063
 Delta R.T. -0.00 min
 Lab File: VW003749.D
 Acq: 06 Jul 2018 23:40

Tgt Ion: 117 Resp: 73204
 Ion Ratio Lower Upper
 117 100
 119 93.6 77.4 116.2
 121 32.3 24.6 37.0

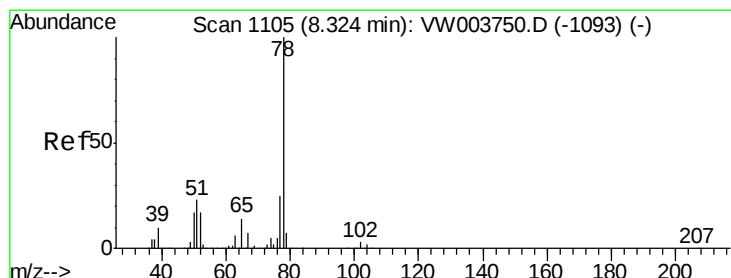
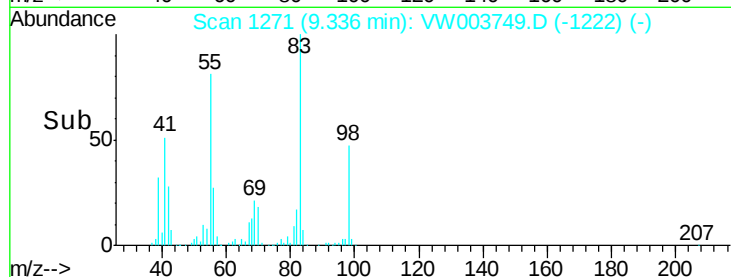
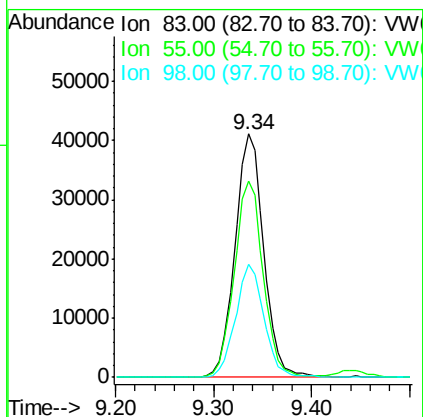
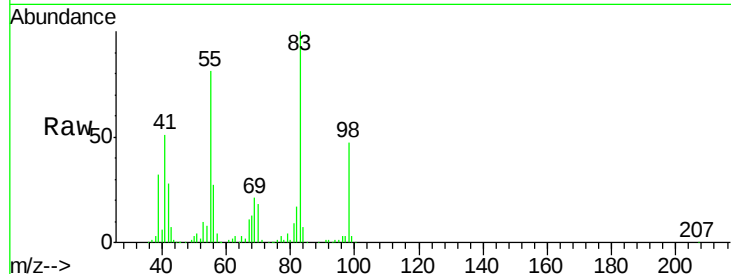




#39
Methylcyclohexane
Concen: 20.982 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW003749.D
Acq: 06 Jul 2018 23:40

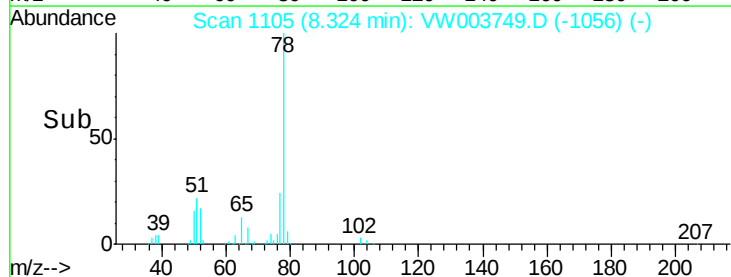
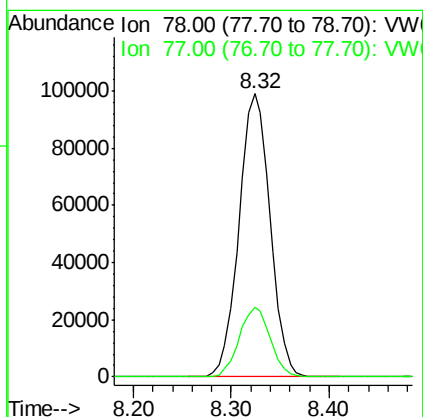
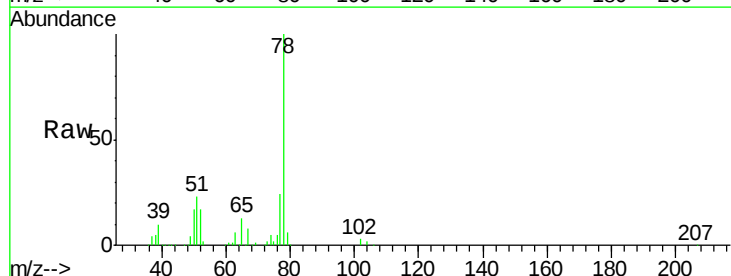
Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

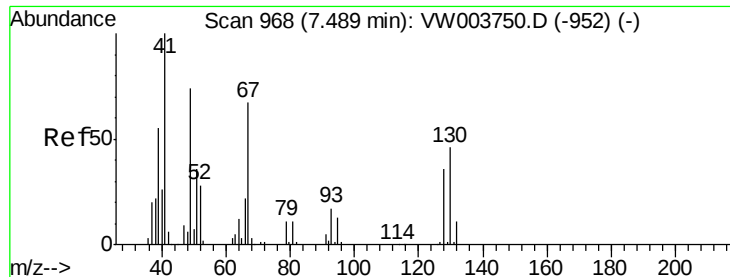
Tgt Ion: 83 Resp: 83916
Ion Ratio Lower Upper
83 100
55 80.7 65.1 97.7
98 46.6 36.7 55.1



#40
Benzene
Concen: 22.106 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW003749.D
Acq: 06 Jul 2018 23:40

Tgt Ion: 78 Resp: 217774
Ion Ratio Lower Upper
78 100
77 24.5 19.7 29.5

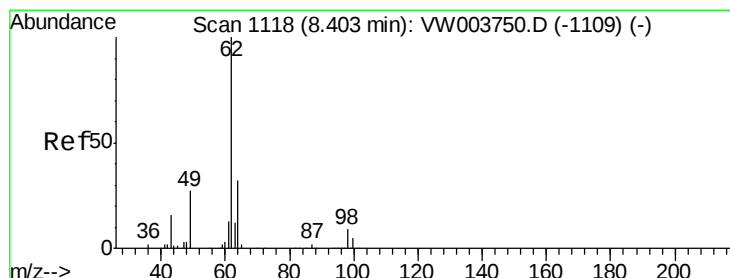
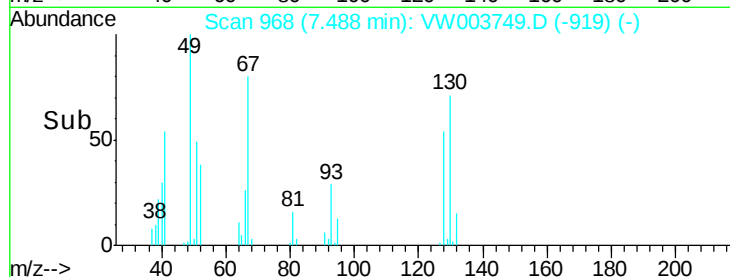
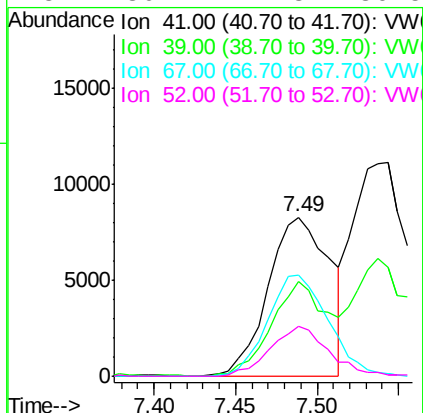
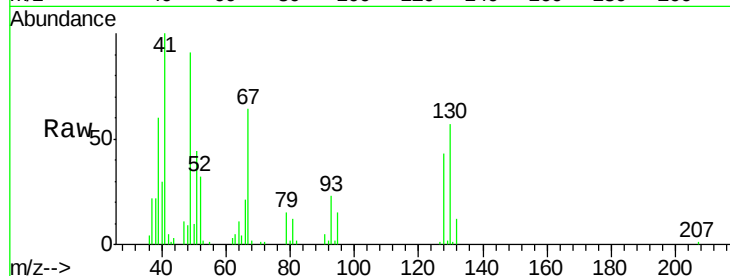




#41
Methacrylonitrile
Concen: 22.065 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW003749.D
Acq: 06 Jul 2018 23:40

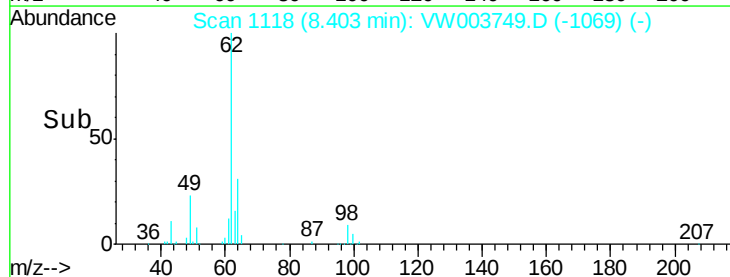
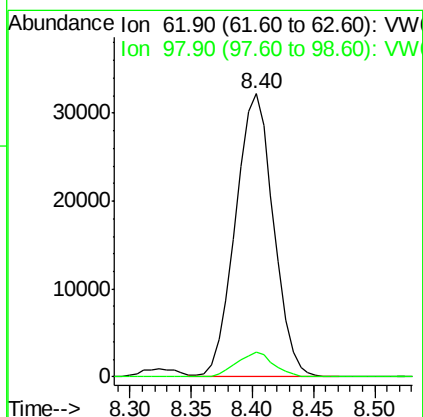
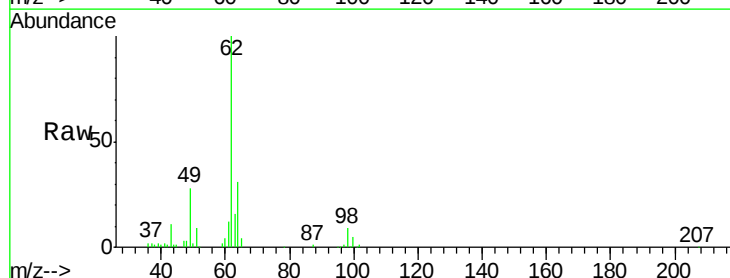
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

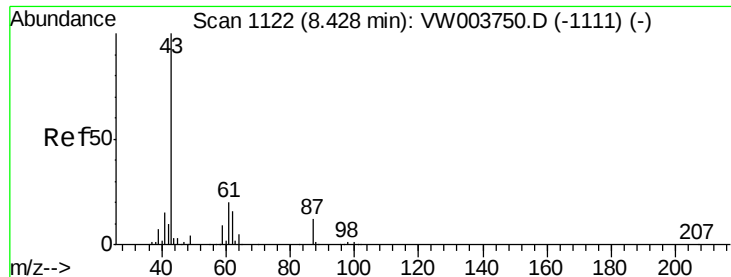
Tgt Ion:	41	Resp:	21587
Ion	Ratio	Lower	Upper
41	100		
39	54.8	49.5	74.3
67	62.7	53.8	80.8
52	30.2	24.3	36.5



#42
1,2-Dichloroethane
Concen: 22.316 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW003749.D
Acq: 06 Jul 2018 23:40

Tgt Ion:	62	Resp:	69691
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.4

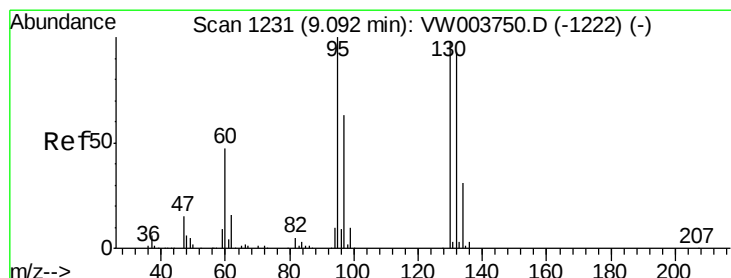
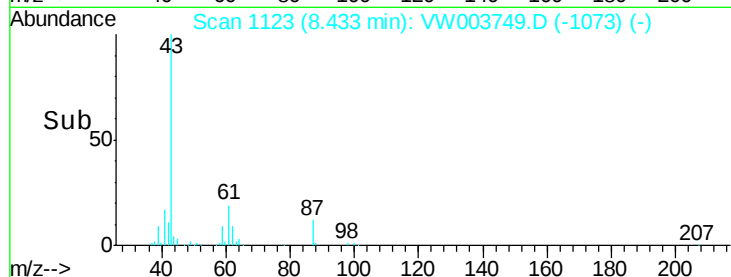
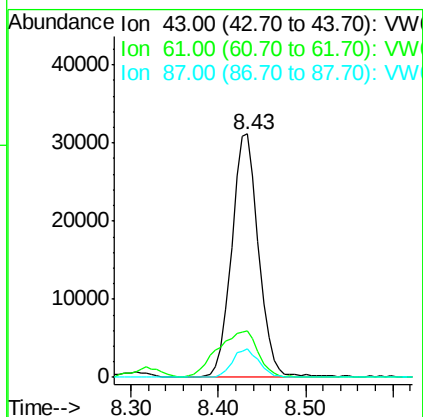
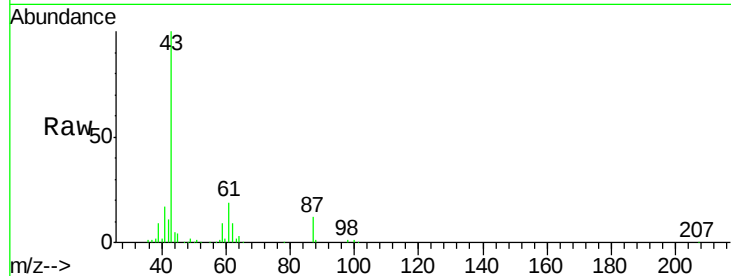




#43
Isopropyl Acetate
Concen: 20.621 ug/l
RT: 8.43 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VW003749.D
Acq: 06 Jul 2018 23:40

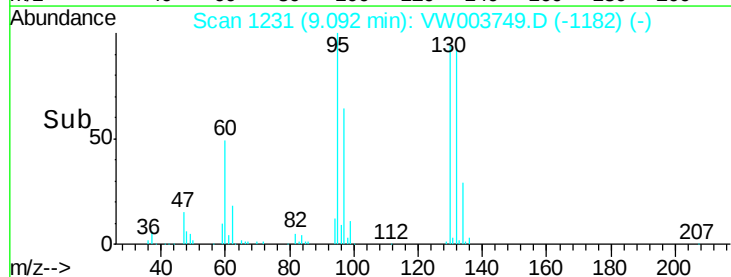
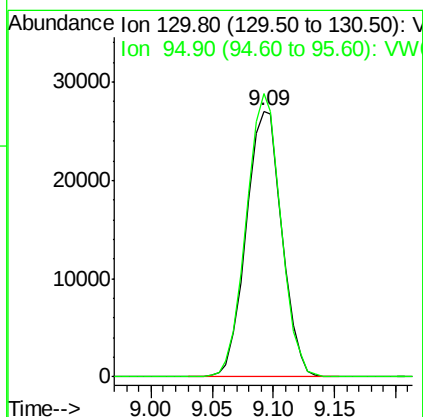
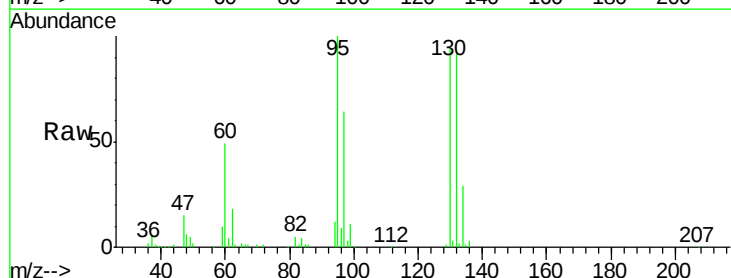
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

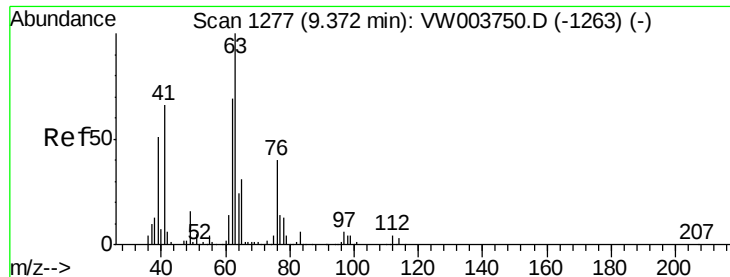
Tgt Ion: 43 Resp: 66889
Ion Ratio Lower Upper
43 100
61 28.7 22.8 34.2
87 11.4 9.5 14.3



#44
Trichloroethene
Concen: 21.636 ug/l
RT: 9.09 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VW003749.D
Acq: 06 Jul 2018 23:40

Tgt Ion: 130 Resp: 54999
Ion Ratio Lower Upper
130 100
95 106.5 0.0 203.8





#45

1,2-Dichloropropane

Concen: 22.063 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VW003749.D

Acq: 06 Jul 2018 23:40

Instrument :

MSVOA_W

ClientSampleId :

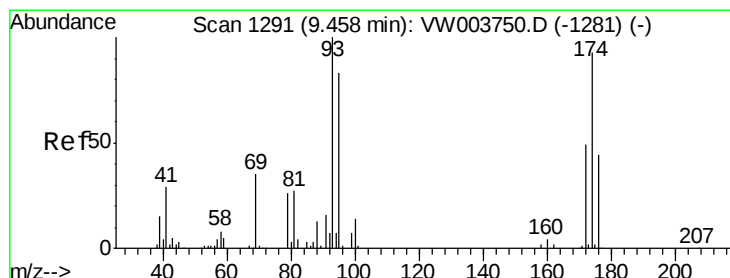
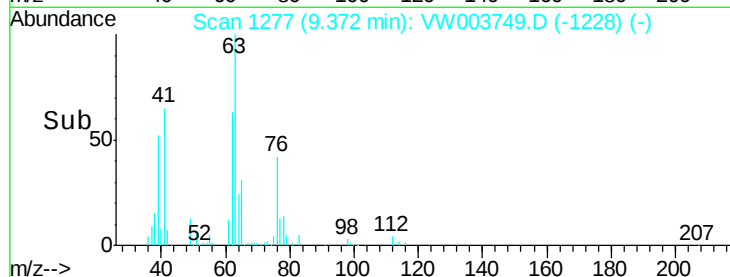
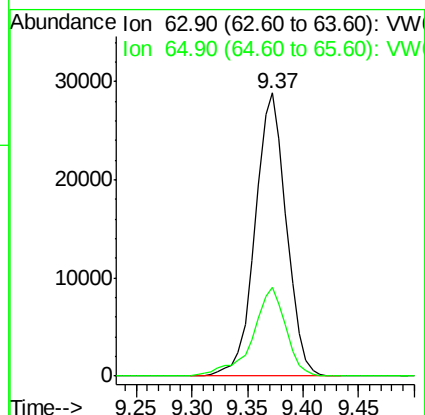
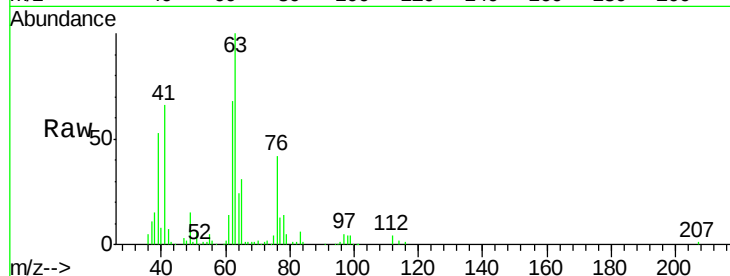
VSTDIC020

Tgt Ion: 63 Resp: 56522

Ion Ratio Lower Upper

63 100

65 31.4 24.9 37.3



#46

Dibromomethane

Concen: 21.971 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.01 min

Lab File: VW003749.D

Acq: 06 Jul 2018 23:40

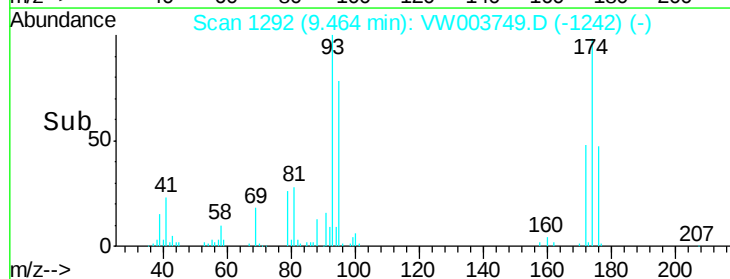
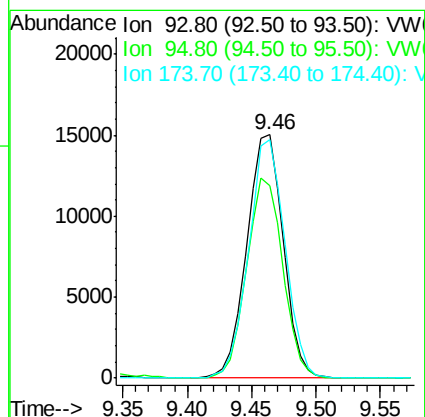
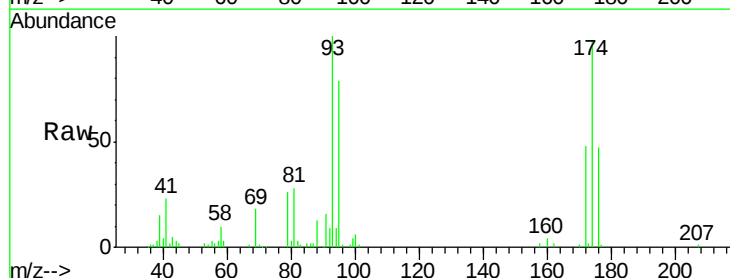
Tgt Ion: 93 Resp: 29367

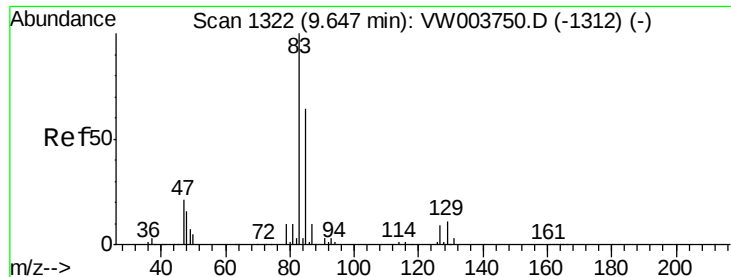
Ion Ratio Lower Upper

93 100

95 81.6 67.2 100.8

174 97.8 78.1 117.1

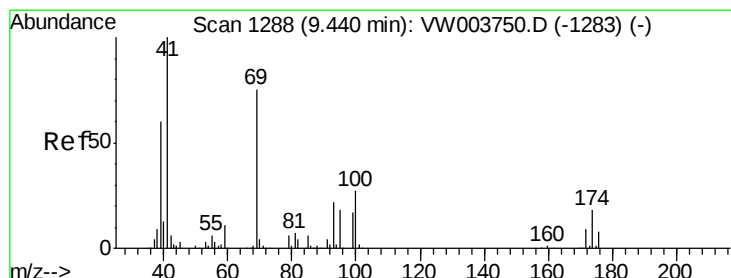
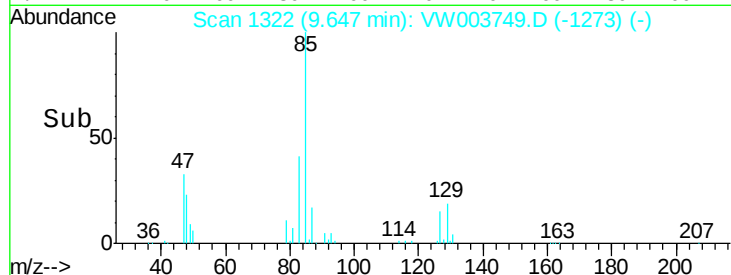
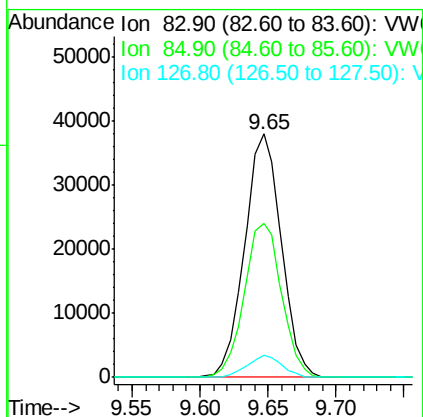
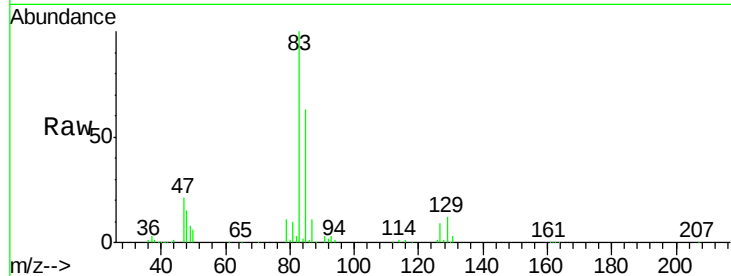




#47
Bromodichloromethane
Concen: 21.848 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VW003749.D
Acq: 06 Jul 2018 23:40

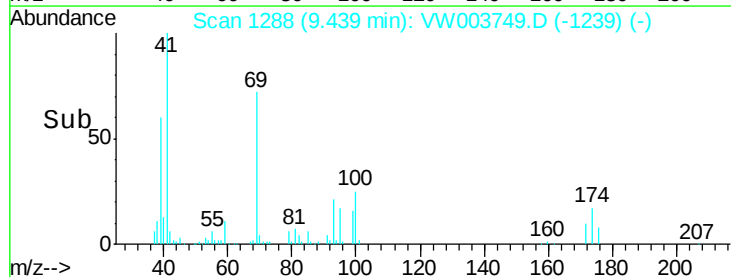
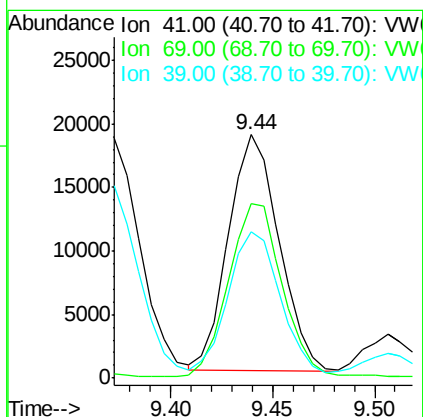
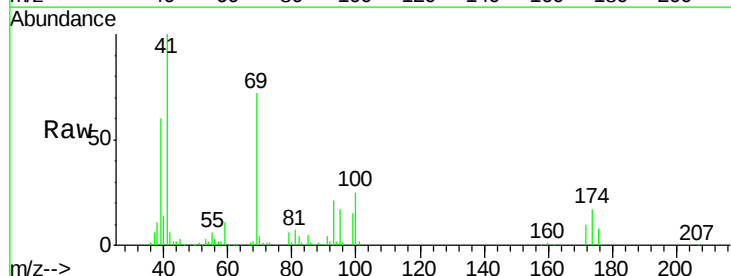
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

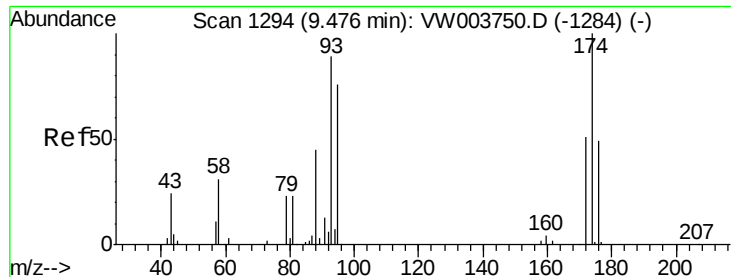
Tgt Ion: 83 Resp: 71881
Ion Ratio Lower Upper
83 100
85 63.4 51.4 77.0
127 9.3 6.8 10.2



#48
Methyl methacrylate
Concen: 20.675 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VW003749.D
Acq: 06 Jul 2018 23:40

Tgt Ion: 41 Resp: 31885
Ion Ratio Lower Upper
41 100
69 80.8 63.8 95.8
39 64.8 50.2 75.2

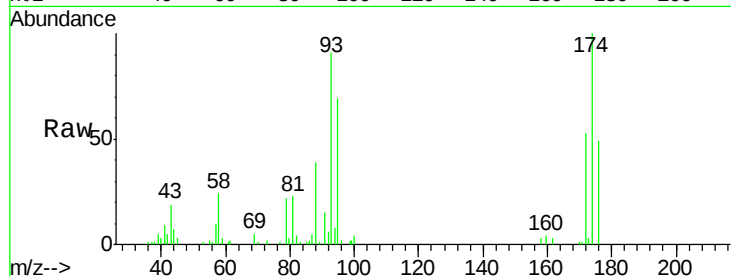




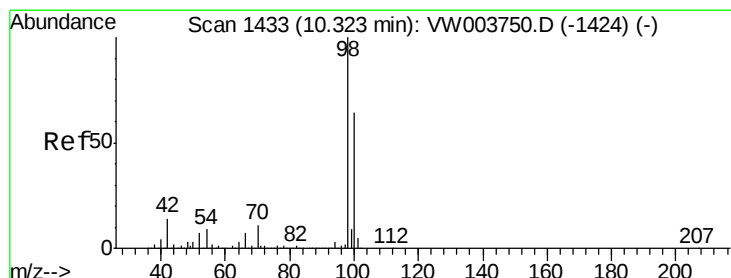
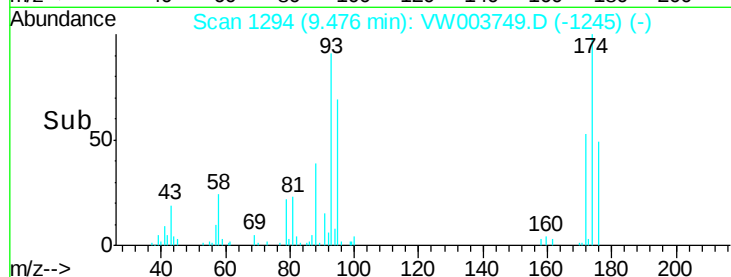
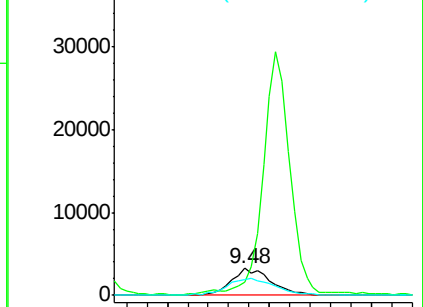
#49
 1,4-Dioxane
 Concen: 412.048 ug/l
 RT: 9.48 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VW003749.D
 Acq: 06 Jul 2018 23:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion: 88 Resp: 8580
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 78.1 59.7 89.5

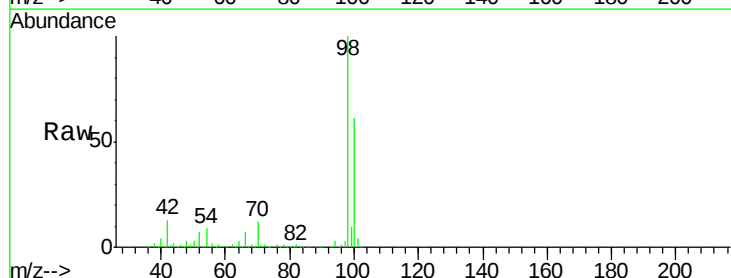


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

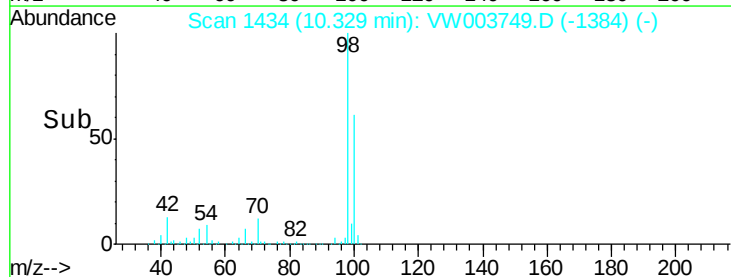
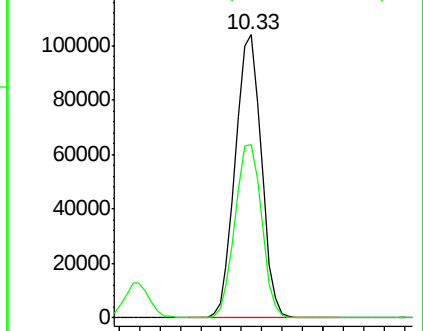


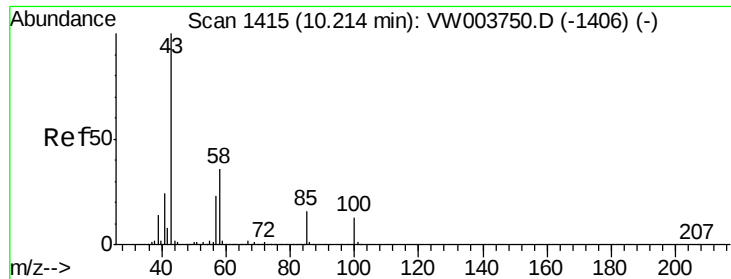
#50
 Toluene-d8
 Concen: 20.653 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: VW003749.D
 Acq: 06 Jul 2018 23:40

Tgt Ion: 98 Resp: 183744
 Ion Ratio Lower Upper
 98 100
 100 62.8 50.8 76.2



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

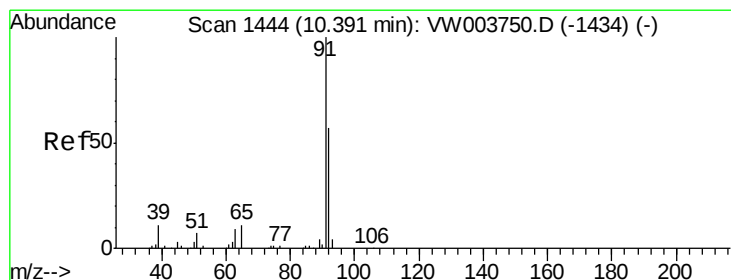
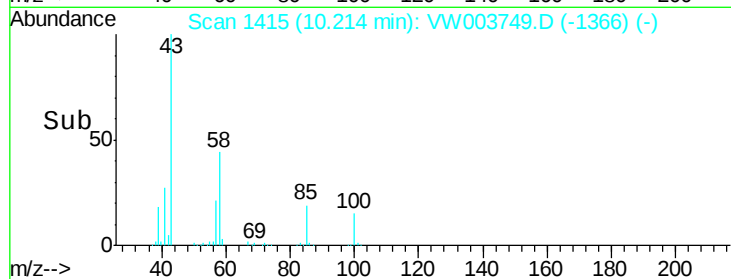
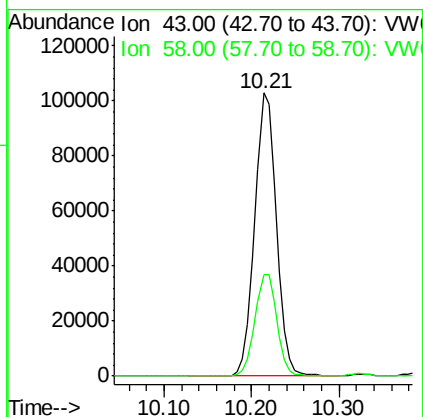
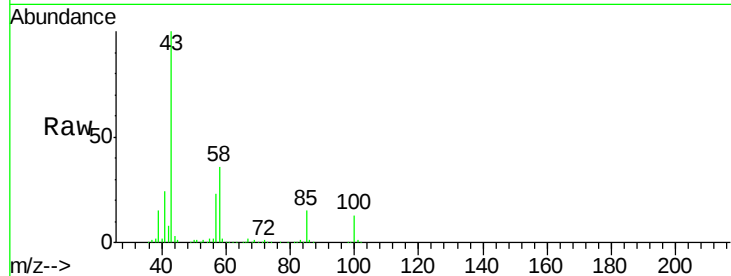




#51
 4-Methyl-2-Pentanone
 Concen: 103.510 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VW003749.D
 Acq: 06 Jul 2018 23:40

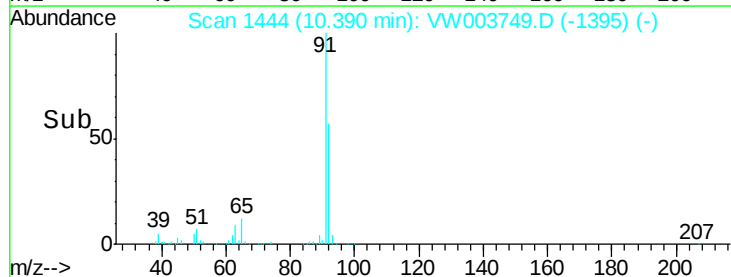
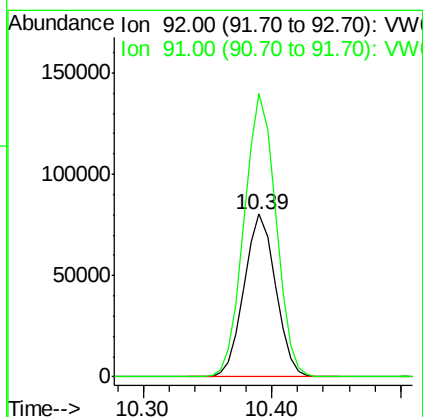
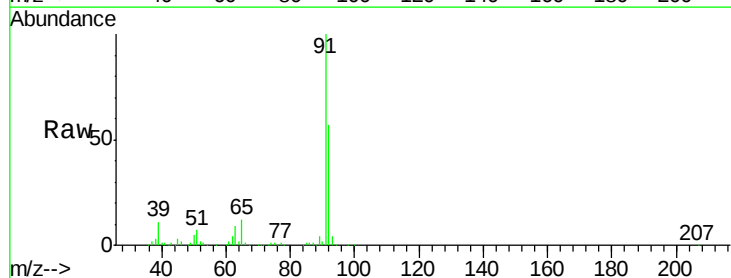
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

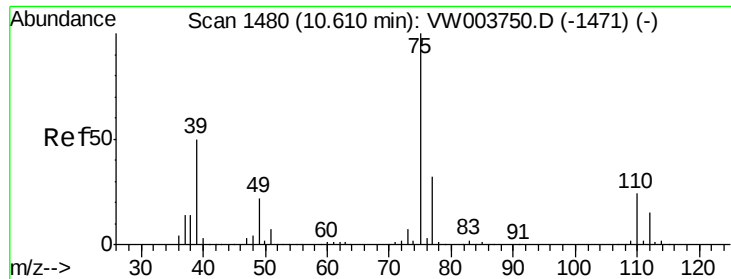
Tgt Ion: 43 Resp: 177465
 Ion Ratio Lower Upper
 43 100
 58 36.3 29.3 43.9



#52
 Toluene
 Concen: 22.116 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: VW003749.D
 Acq: 06 Jul 2018 23:40

Tgt Ion: 92 Resp: 135762
 Ion Ratio Lower Upper
 92 100
 91 175.2 140.6 211.0





#53

t-1,3-Dichloropropene

Concen: 20.939 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW003749.D

Acq: 06 Jul 2018 23:40

Instrument :

MSVOA_W

ClientSampleId :

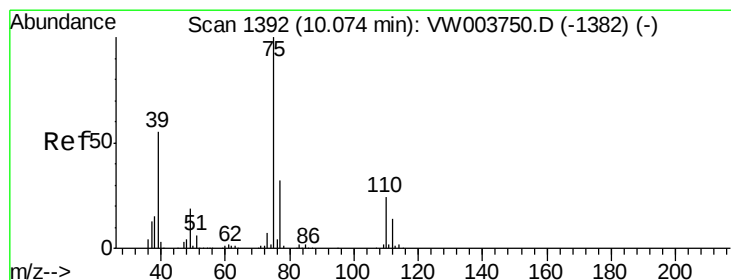
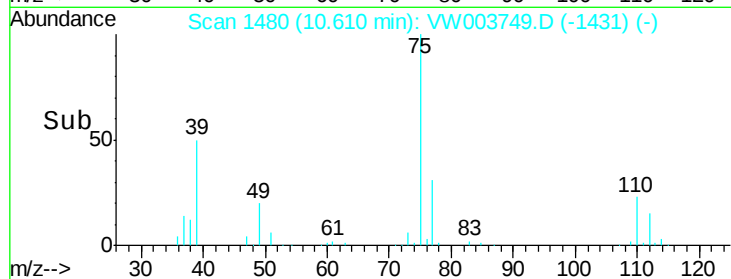
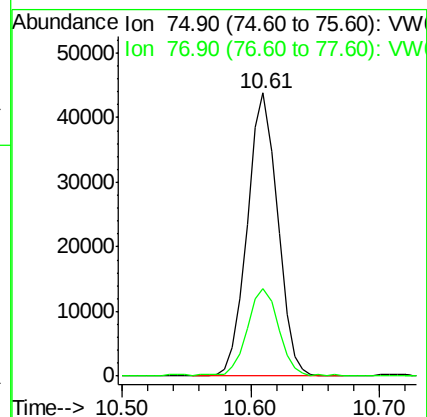
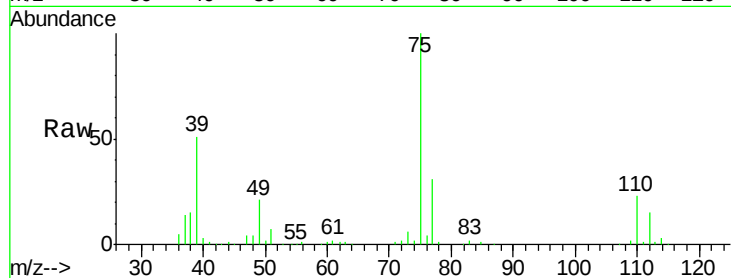
VSTDIC020

Tgt Ion: 75 Resp: 71263

Ion Ratio Lower Upper

75 100

77 30.6 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 21.129 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW003749.D

Acq: 06 Jul 2018 23:40

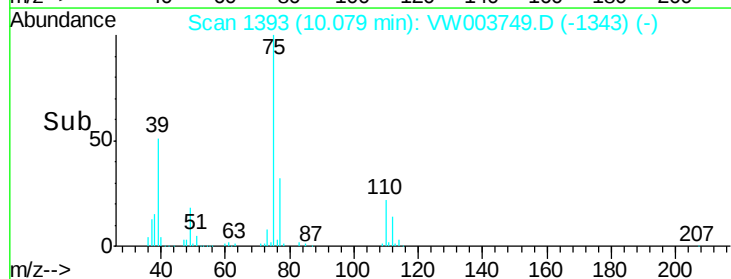
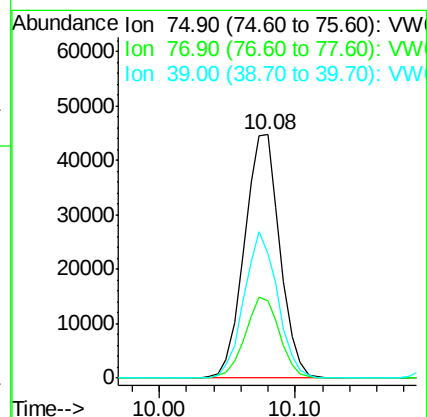
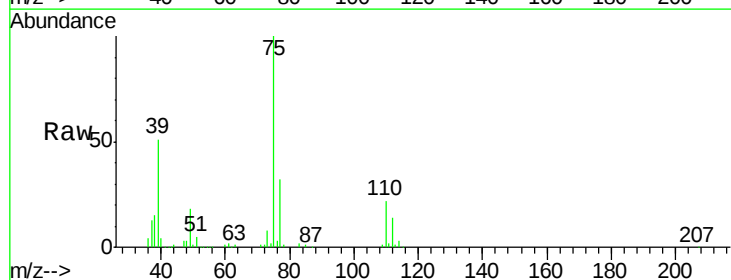
Tgt Ion: 75 Resp: 81293

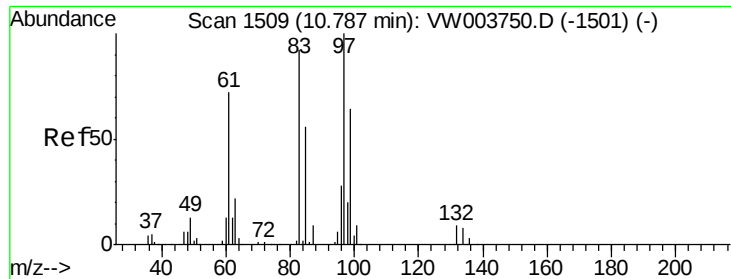
Ion Ratio Lower Upper

75 100

77 31.8 25.6 38.4

39 51.0 43.6 65.4

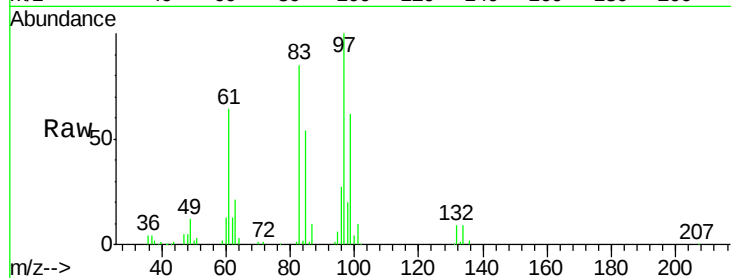




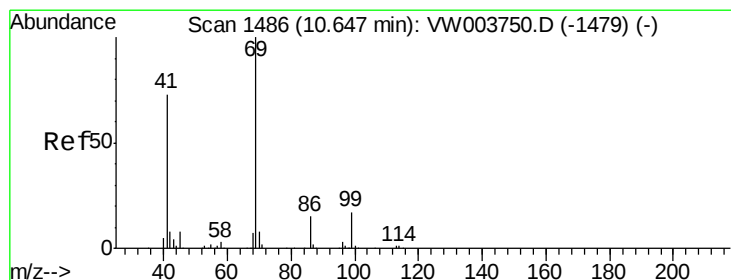
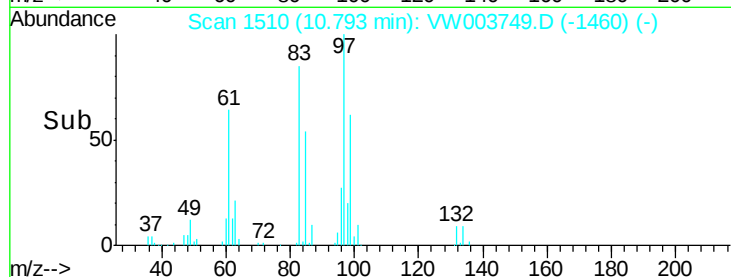
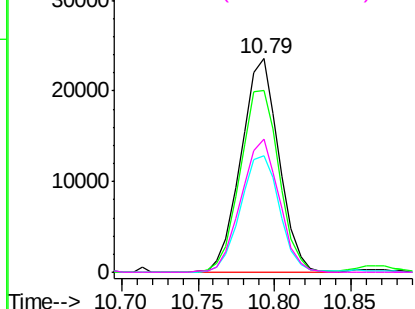
#55
 1,1,2-Trichloroethane
 Concen: 21.623 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VW003749.D
 Acq: 06 Jul 2018 23:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion: 97 Resp: 40634
 Ion Ratio Lower Upper
 97 100
 83 85.2 73.8 110.6
 85 54.3 45.0 67.4
 99 62.2 51.2 76.8

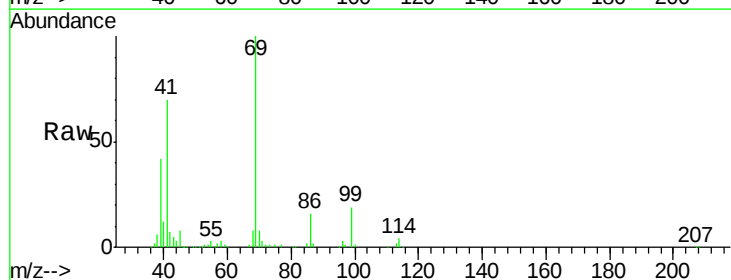


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

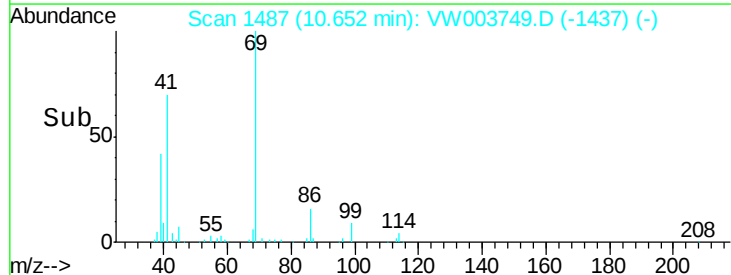
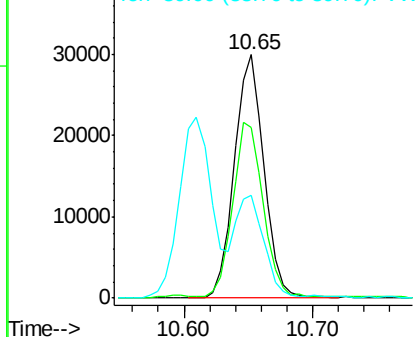


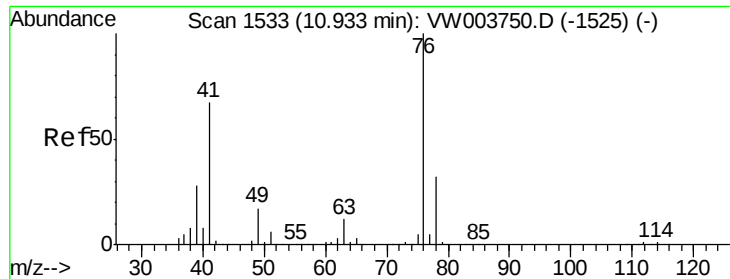
#56
 Ethyl methacrylate
 Concen: 20.174 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VW003749.D
 Acq: 06 Jul 2018 23:40

Tgt Ion: 69 Resp: 47752
 Ion Ratio Lower Upper
 69 100
 41 72.4 59.0 88.4
 39 39.0 32.8 49.2



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

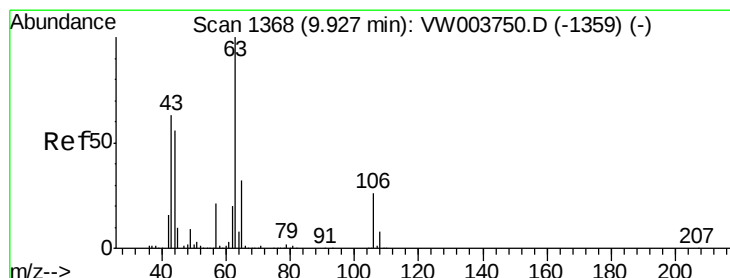
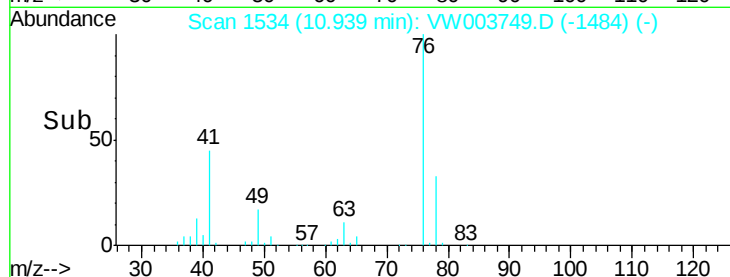
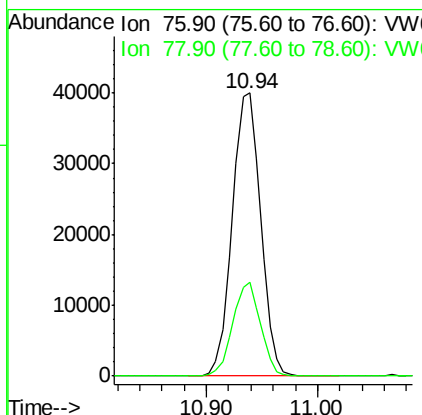
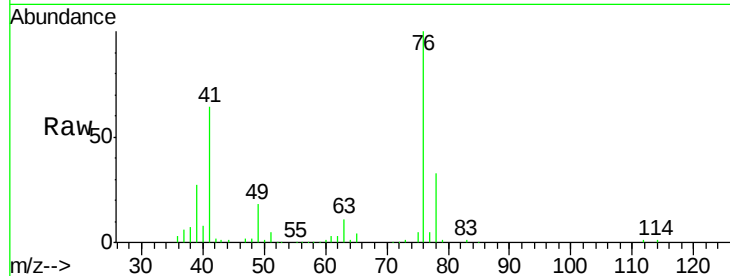




#57
 1,3-Dichloropropane
 Concen: 21.641 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: VW003749.D
 Acq: 06 Jul 2018 23:40

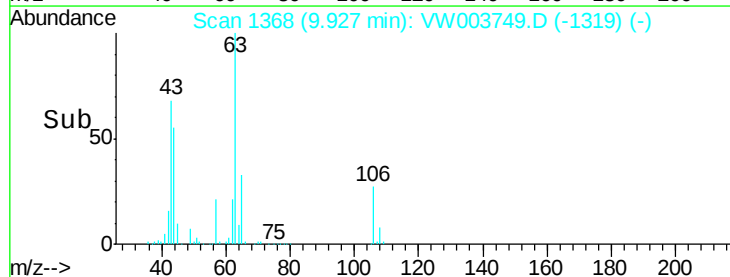
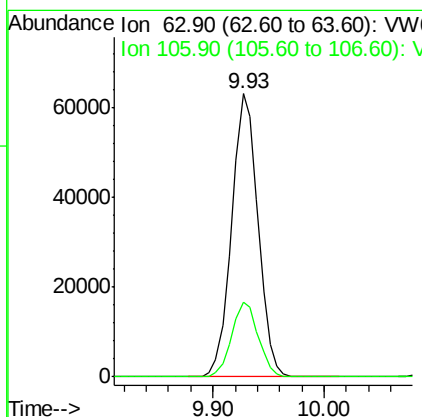
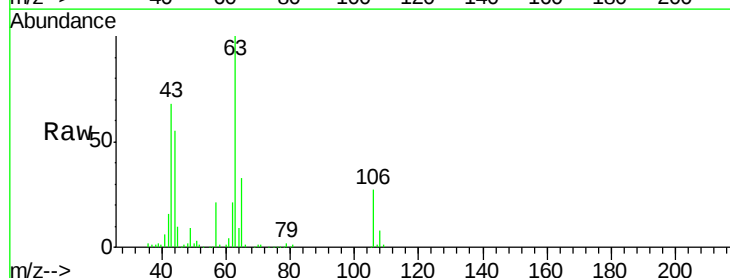
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

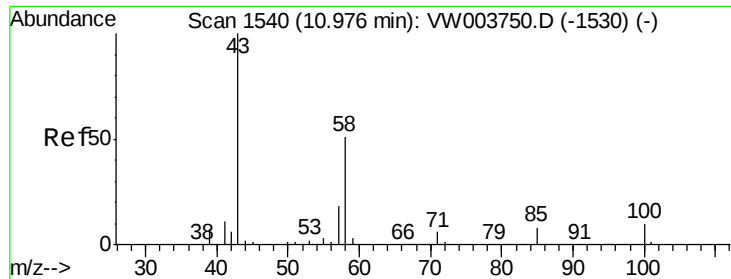
Tgt Ion: 76 Resp: 70768
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.261 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VW003749.D
 Acq: 06 Jul 2018 23:40

Tgt Ion: 63 Resp: 103324
 Ion Ratio Lower Upper
 63 100
 106 26.6 20.9 31.3

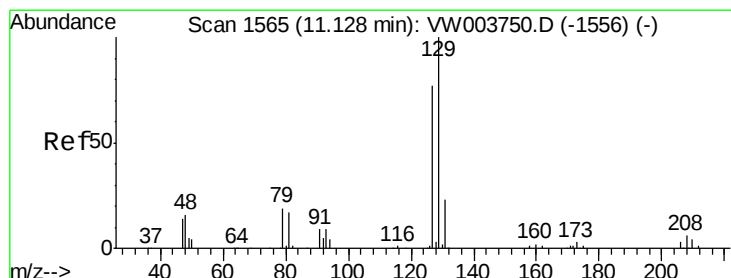
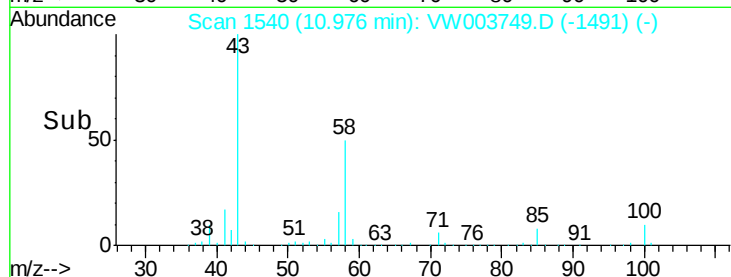
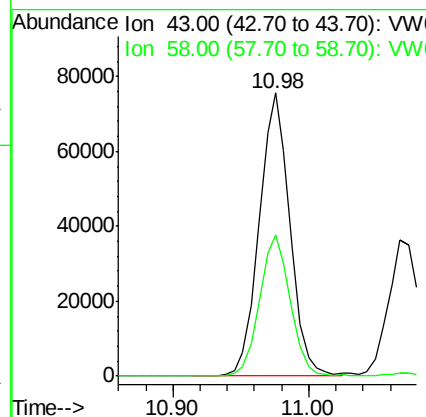
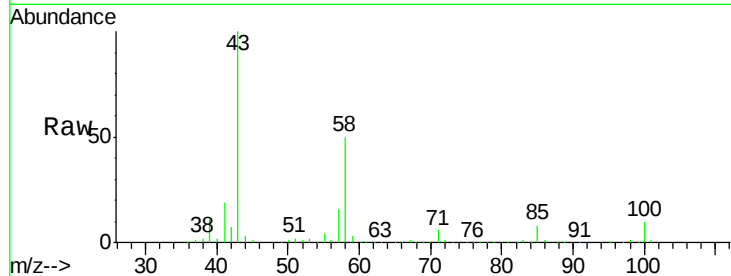




#59
2-Hexanone
Concen: 97.959 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW003749.D
Acq: 06 Jul 2018 23:40

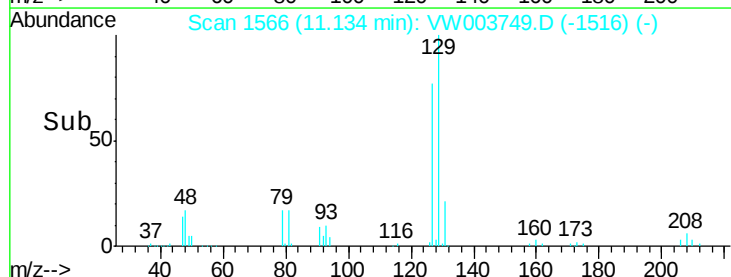
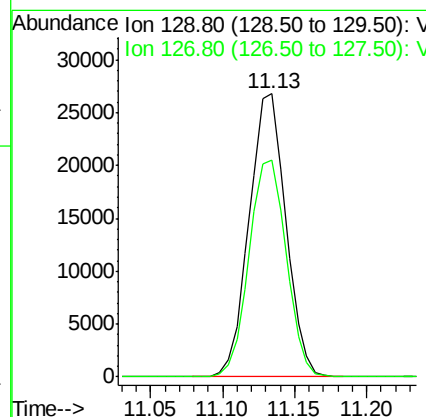
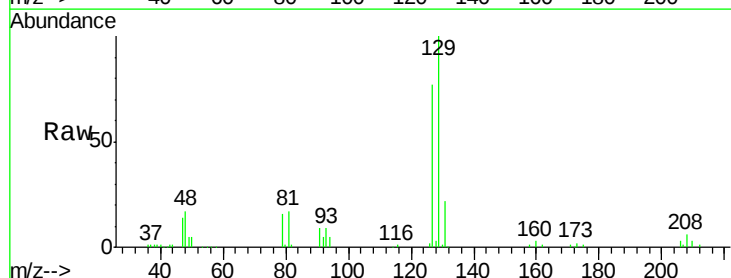
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

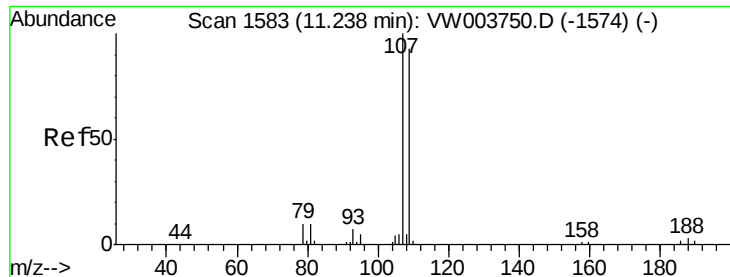
Tgt Ion: 43 Resp: 119535
Ion Ratio Lower Upper
43 100
58 49.8 25.4 76.2



#60
Dibromochloromethane
Concen: 21.447 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VW003749.D
Acq: 06 Jul 2018 23:40

Tgt Ion: 129 Resp: 47218
Ion Ratio Lower Upper
129 100
127 77.6 38.9 116.6





#61

1,2-Dibromoethane

Concen: 21.077 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW003749.D

Acq: 06 Jul 2018 23:40

Instrument :

MSVOA_W

ClientSampleId :

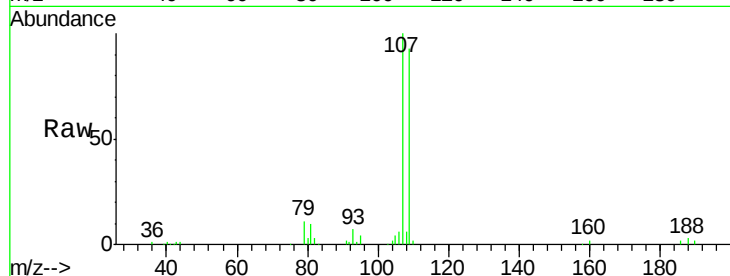
VSTDIC020

Tgt Ion: 107 Resp: 38052

Ion Ratio Lower Upper

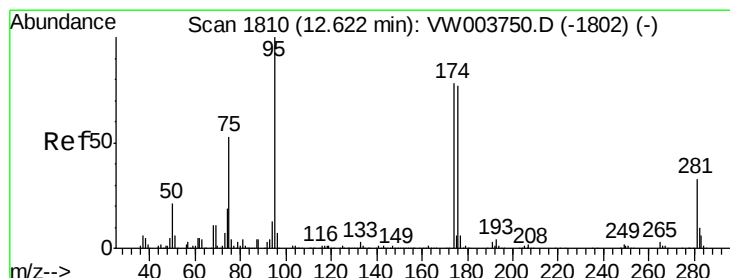
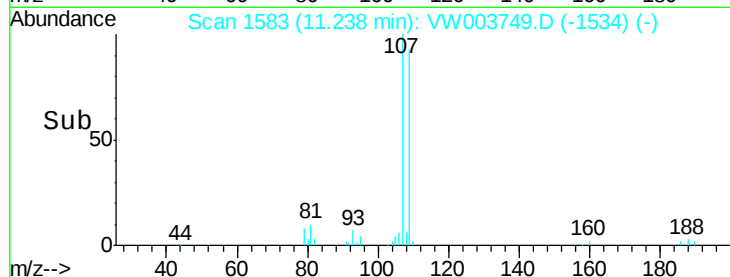
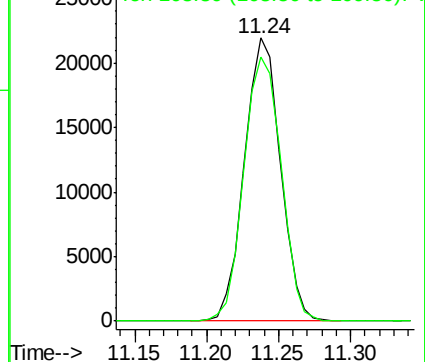
107 100

109 96.6 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 20.984 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003749.D

Acq: 06 Jul 2018 23:40

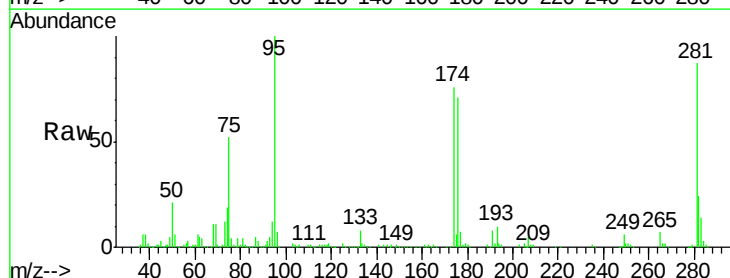
Tgt Ion: 95 Resp: 67094

Ion Ratio Lower Upper

95 100

174 81.5 0.0 163.4

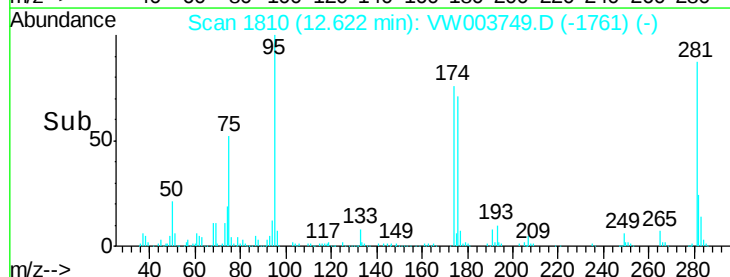
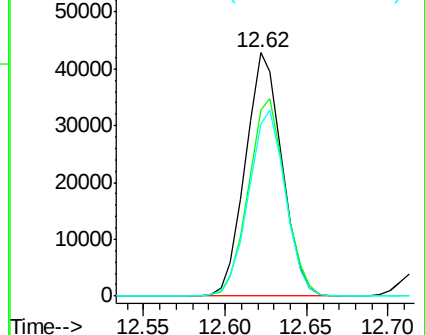
176 76.7 0.0 156.8

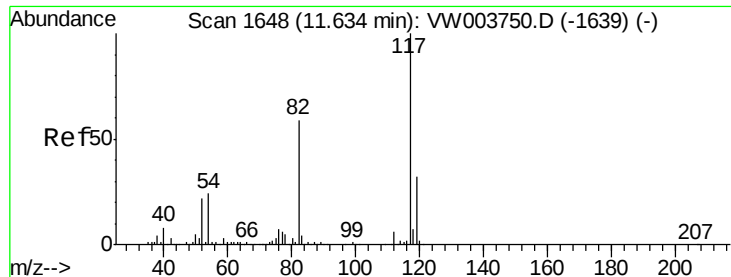


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

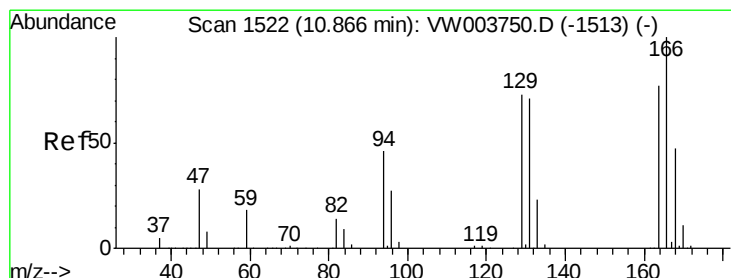
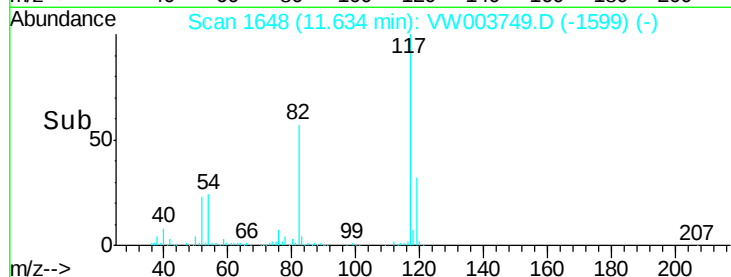
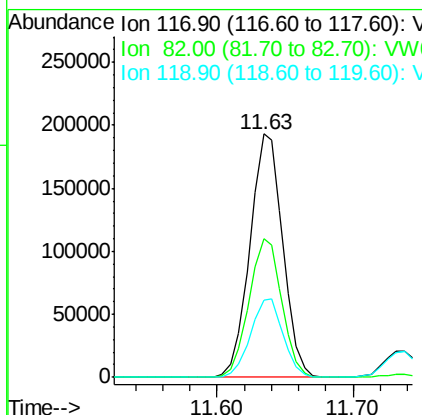
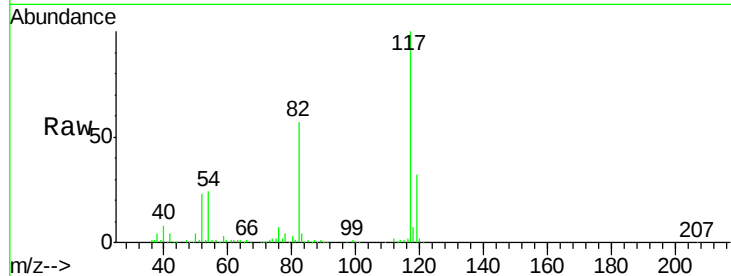




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003749.D
Acq: 06 Jul 2018 23:40

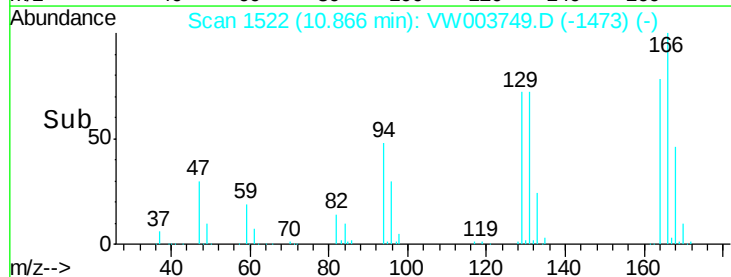
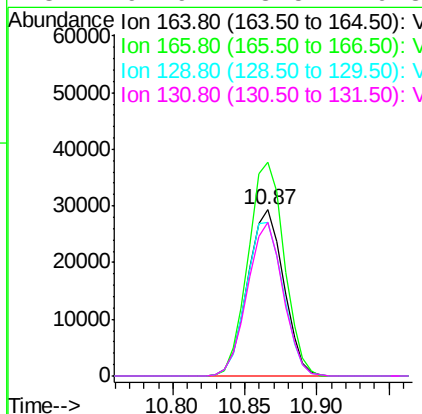
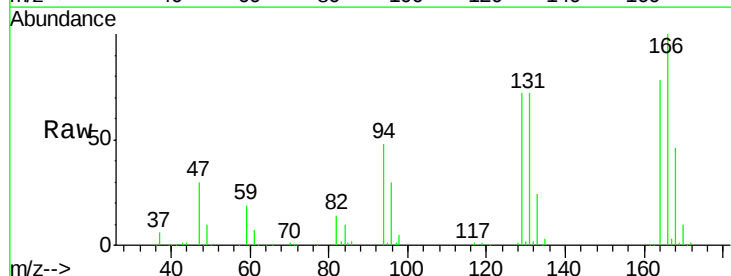
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

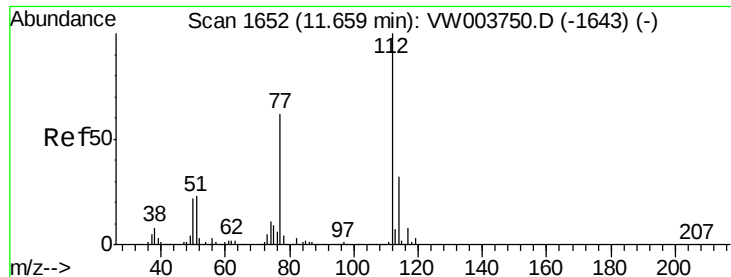
Tgt Ion:117 Resp: 326882
Ion Ratio Lower Upper
117 100
82 57.1 46.9 70.3
119 31.7 25.5 38.3



#64
Tetrachloroethene
Concen: 22.573 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003749.D
Acq: 06 Jul 2018 23:40

Tgt Ion:164 Resp: 50789
Ion Ratio Lower Upper
164 100
166 128.8 104.2 156.4
129 92.8 75.8 113.8
131 92.9 73.5 110.3





#65

Chlorobenzene

Concen: 21.535 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.01 min

Lab File: VW003749.D

Acq: 06 Jul 2018 23:40

Instrument :

MSVOA_W

ClientSampleId :

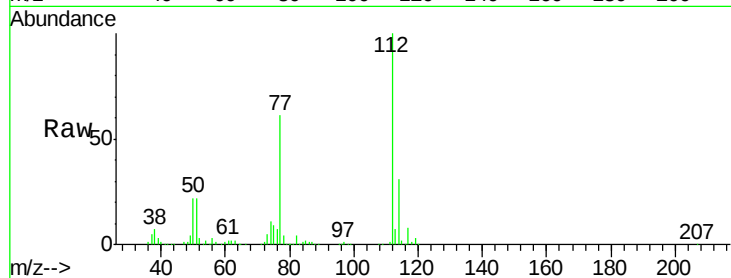
VSTDIC020

Tgt Ion:112 Resp: 149346

Ion Ratio Lower Upper

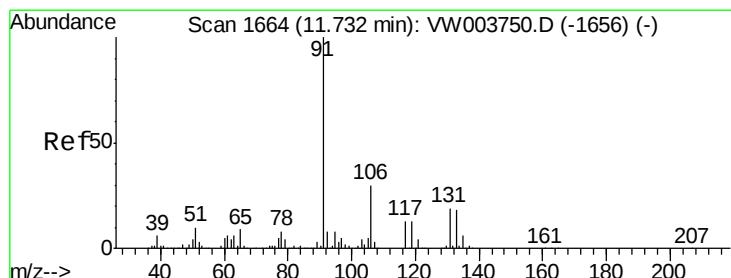
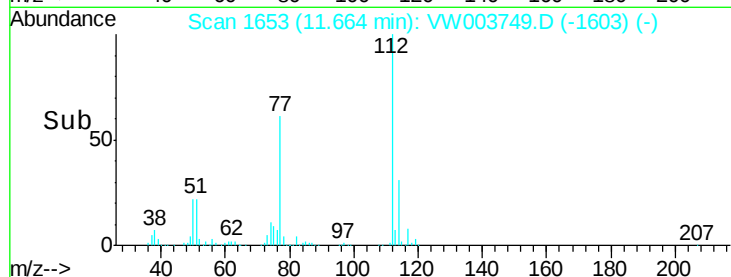
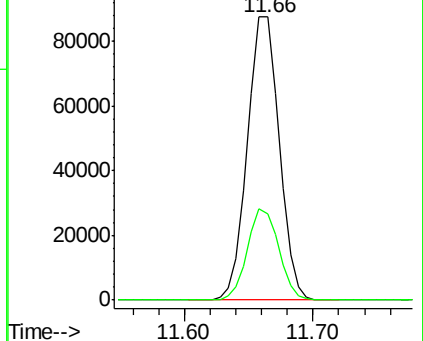
112 100

114 30.6 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.449 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.01 min

Lab File: VW003749.D

Acq: 06 Jul 2018 23:40

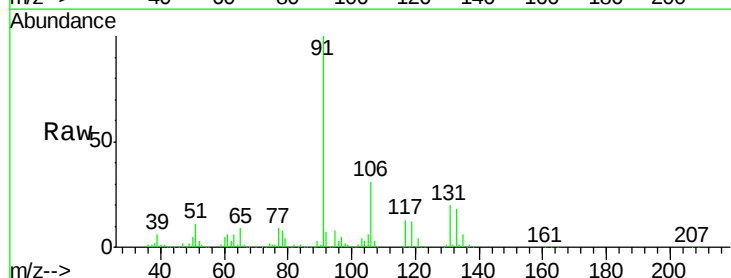
Tgt Ion:131 Resp: 51914

Ion Ratio Lower Upper

131 100

133 96.8 48.0 144.2

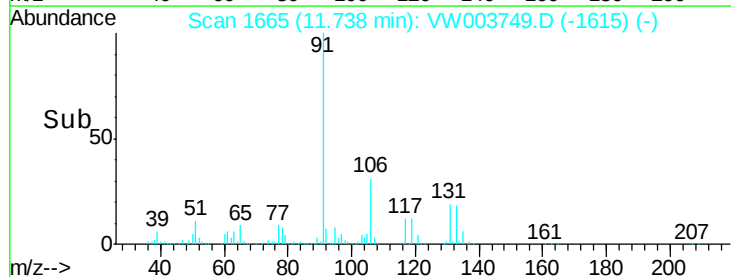
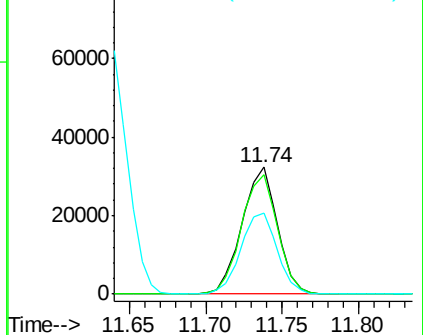
119 66.1 33.2 99.6

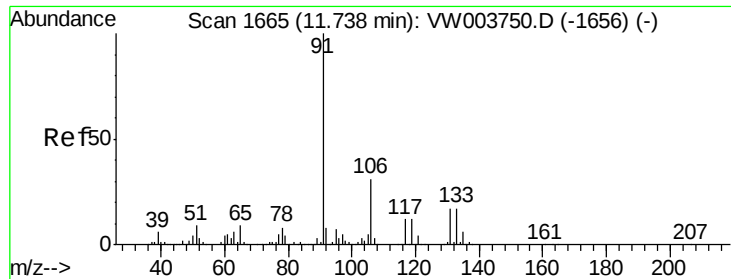


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

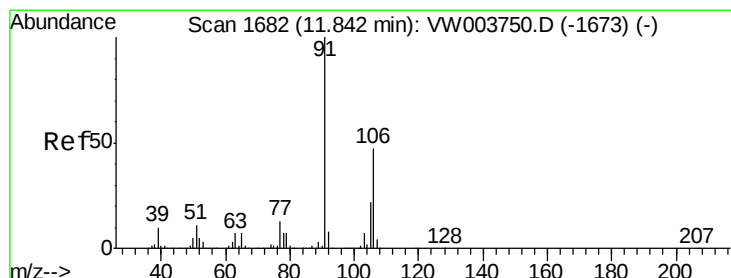
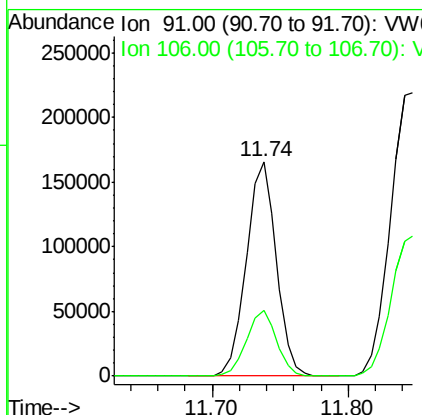
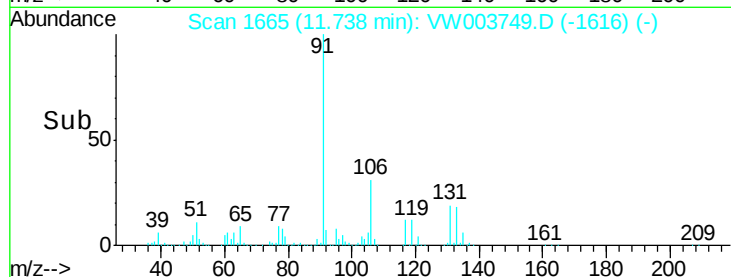
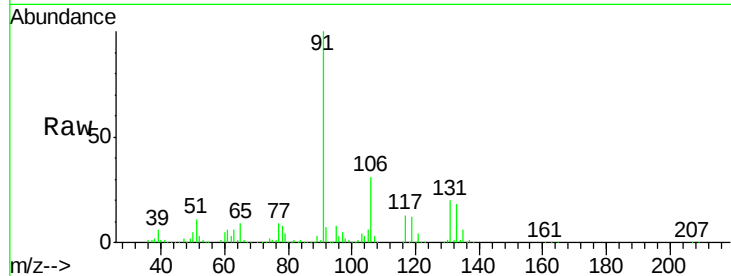




#67
Ethyl Benzene
Concen: 21.103 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003749.D
Acq: 06 Jul 2018 23:40

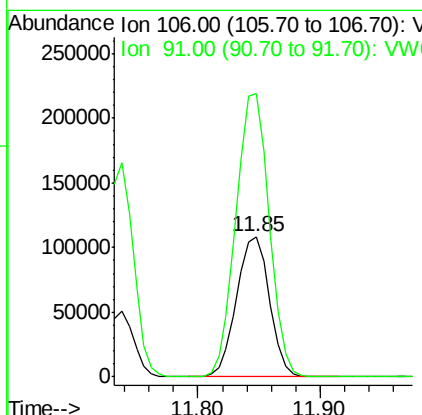
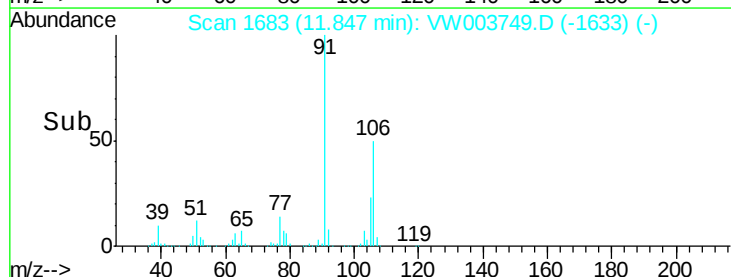
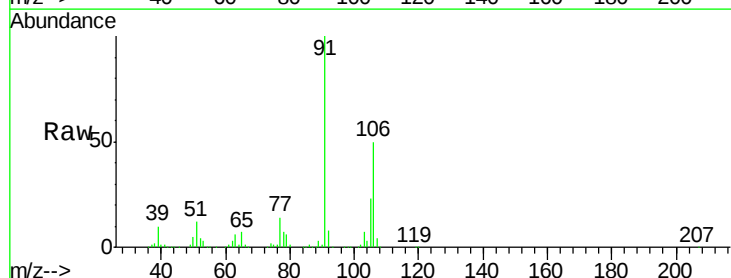
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

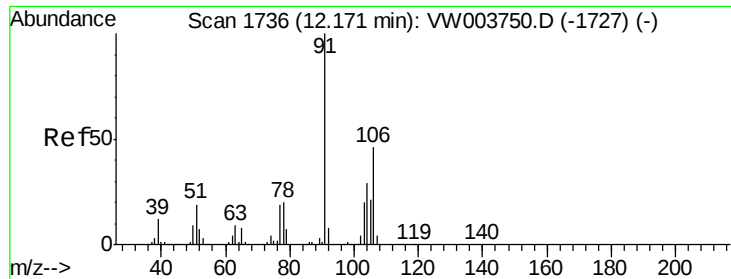
Tgt Ion: 91 Resp: 255502
Ion Ratio Lower Upper
91 100
106 30.7 24.6 37.0



#68
m/p-Xylenes
Concen: 43.871 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW003749.D
Acq: 06 Jul 2018 23:40

Tgt Ion: 106 Resp: 202411
Ion Ratio Lower Upper
106 100
91 204.7 164.3 246.5

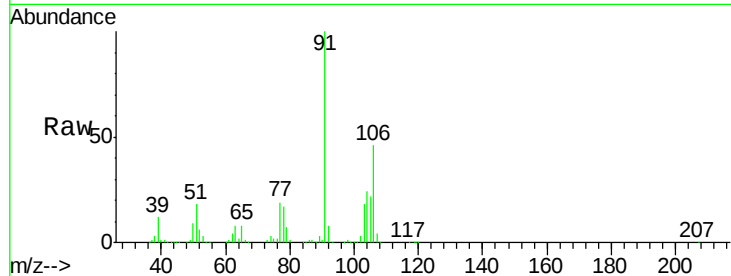




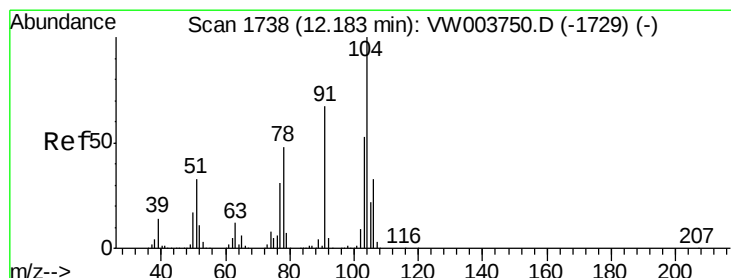
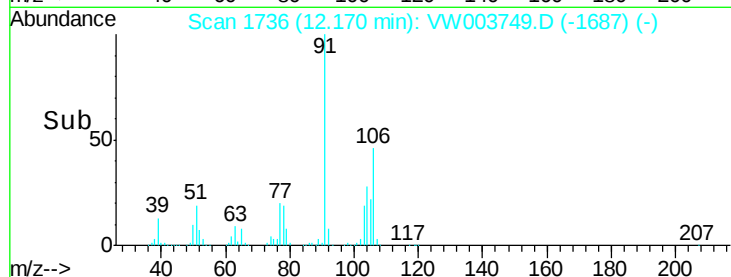
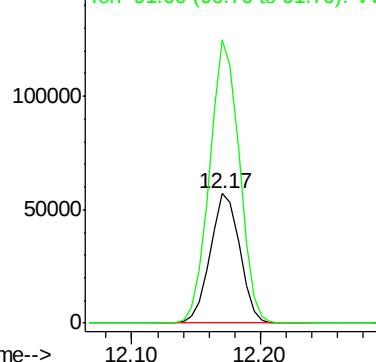
#69
o-Xylene
Concen: 21.265 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003749.D
Acq: 06 Jul 2018 23:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 90869
Ion Ratio Lower Upper
106 100
91 219.4 109.1 327.2

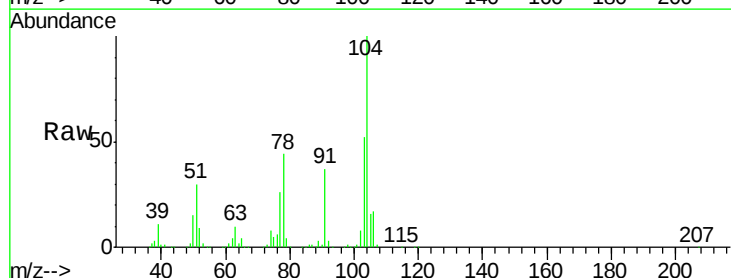


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

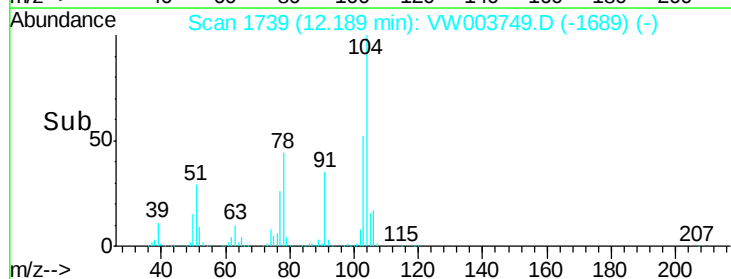
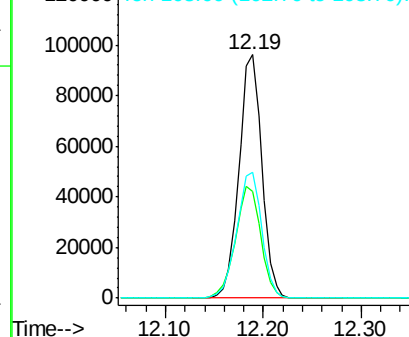


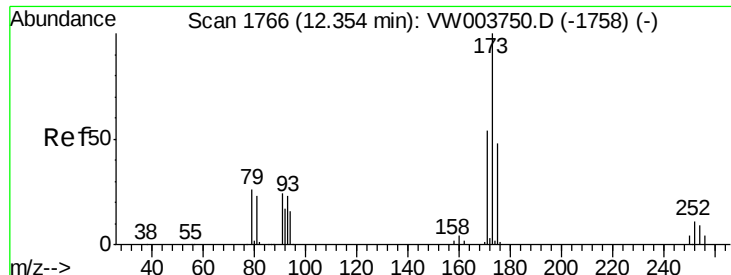
#70
Styrene
Concen: 21.800 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003749.D
Acq: 06 Jul 2018 23:40

Tgt Ion:104 Resp: 156564
Ion Ratio Lower Upper
104 100
78 50.6 41.1 61.7
103 56.5 44.6 67.0



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 20.619 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW003749.D

Acq: 06 Jul 2018 23:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

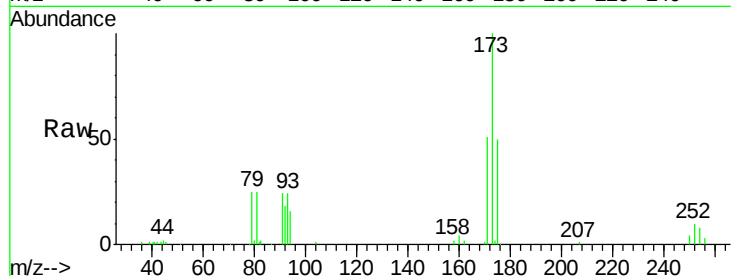
Tgt Ion:173 Resp: 27955

Ion Ratio Lower Upper

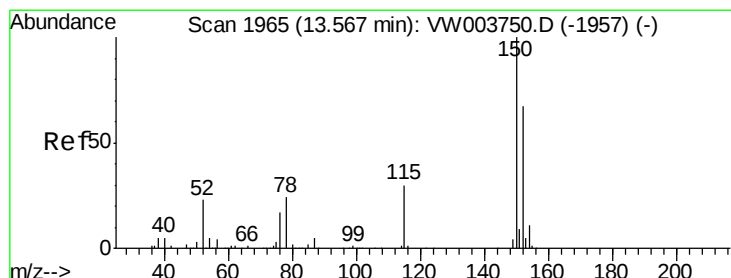
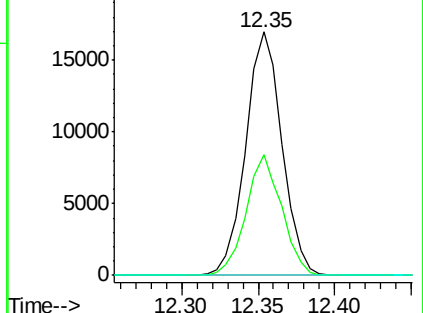
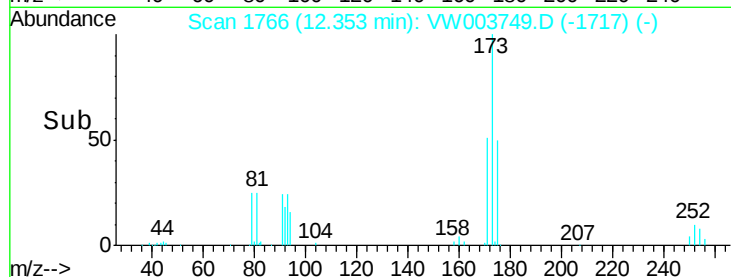
173 100

175 48.2 24.1 72.4

254 0.0 0.0 0.0



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: VW003749.D

Acq: 06 Jul 2018 23:40

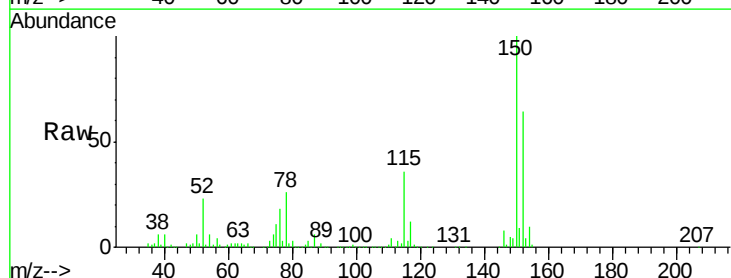
Tgt Ion:152 Resp: 178291

Ion Ratio Lower Upper

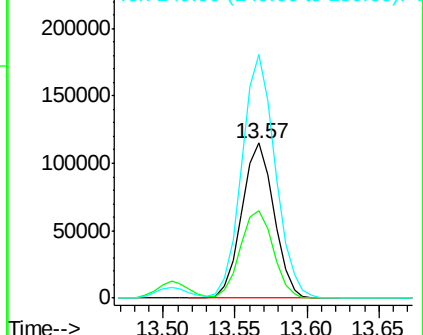
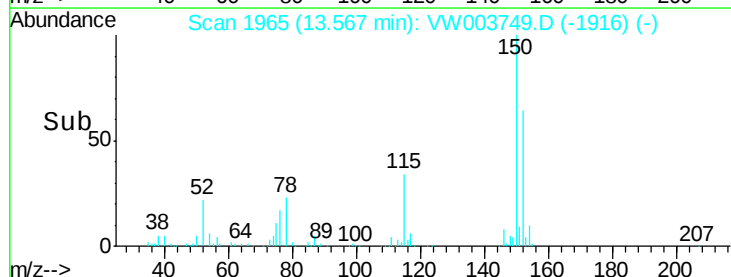
152 100

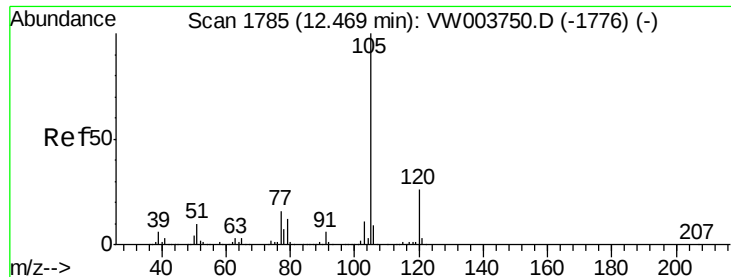
115 58.1 28.9 86.8

150 163.0 0.0 342.4



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





#73

Isopropylbenzene

Concen: 20.519 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW003749.D

Acq: 06 Jul 2018 23:40

Instrument :

MSVOA_W

ClientSampleId :

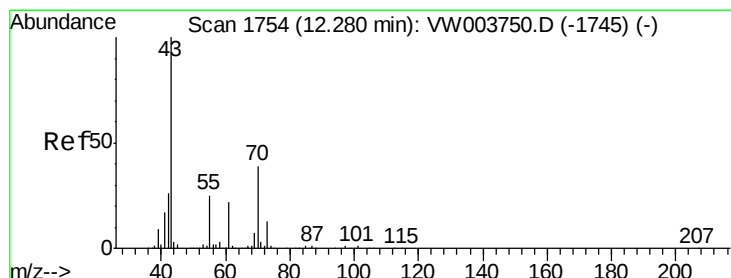
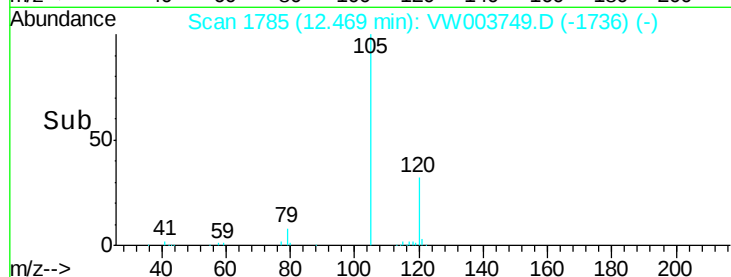
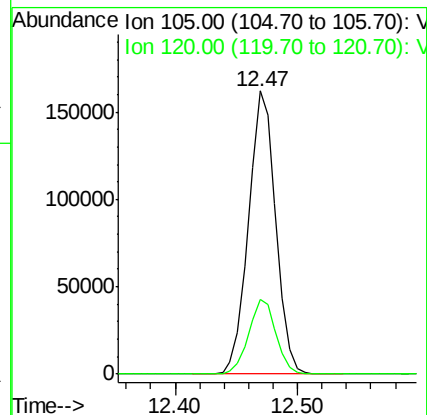
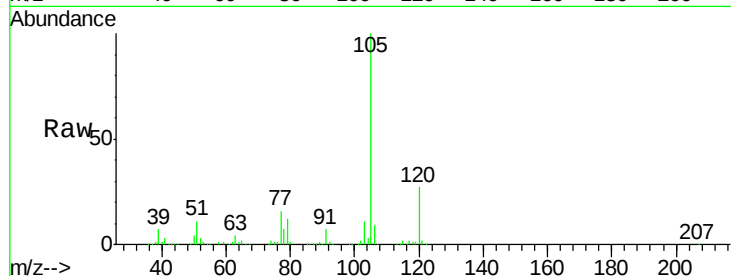
VSTDIC020

Tgt Ion:105 Resp: 249361

Ion Ratio Lower Upper

105 100

120 26.5 13.1 39.3



#74

N-ethyl acetate

Concen: 20.272 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW003749.D

Acq: 06 Jul 2018 23:40

Tgt Ion: 43 Resp: 65766

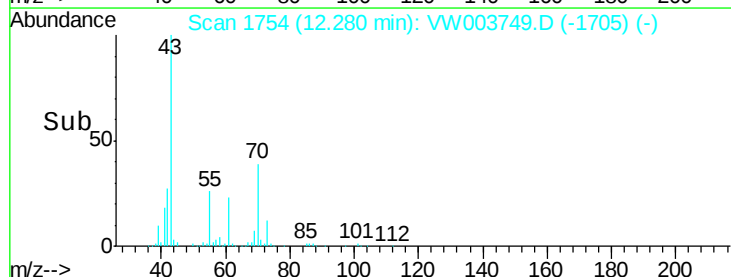
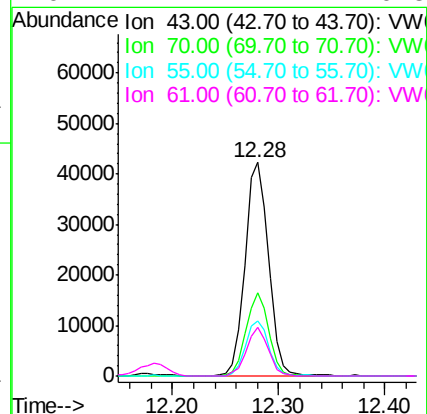
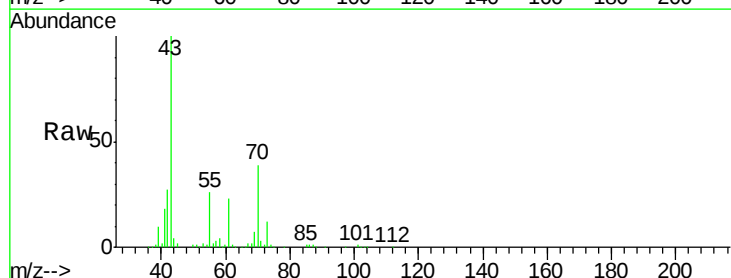
Ion Ratio Lower Upper

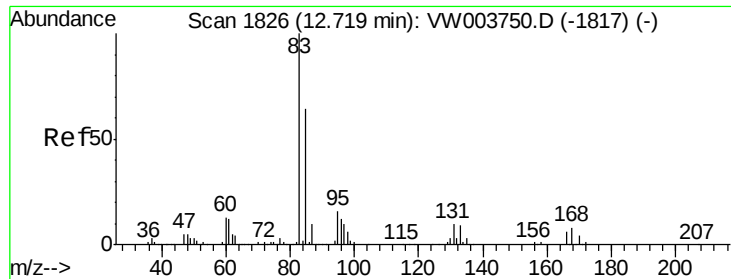
43 100

70 37.6 31.3 46.9

55 25.8 20.1 30.1

61 21.1 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.884 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW003749.D

Acq: 06 Jul 2018 23:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

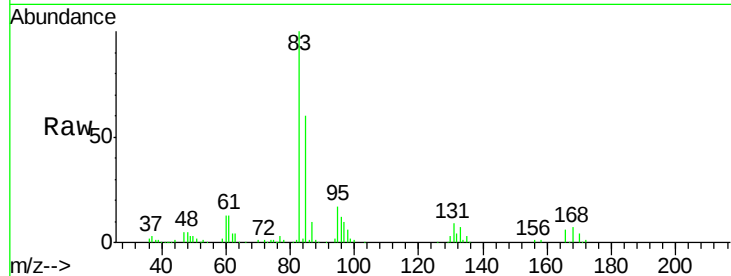
Tgt Ion: 83 Resp: 50227

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.4

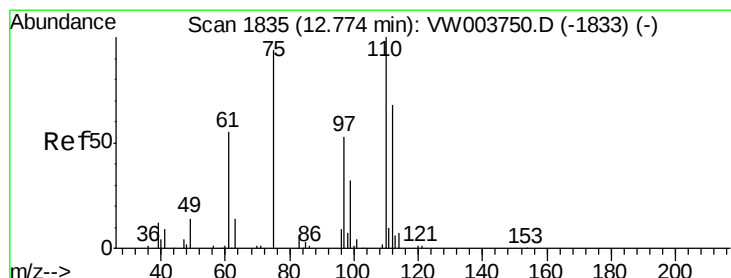
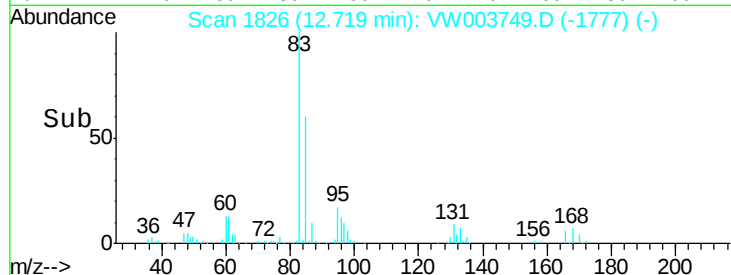
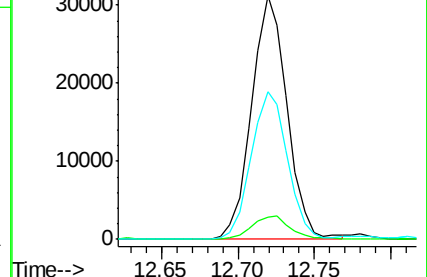
85 62.1 32.1 96.3



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: 40.167 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW003749.D

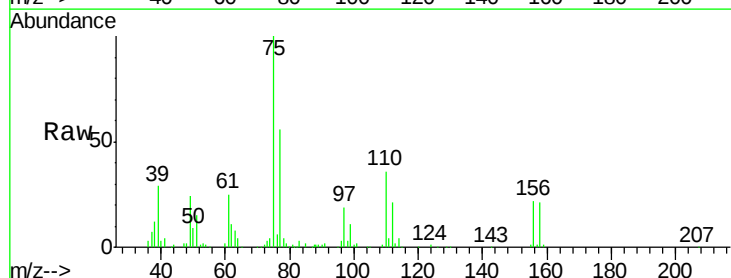
Acq: 06 Jul 2018 23:40

Tgt Ion: 75 Resp: 64807

Ion Ratio Lower Upper

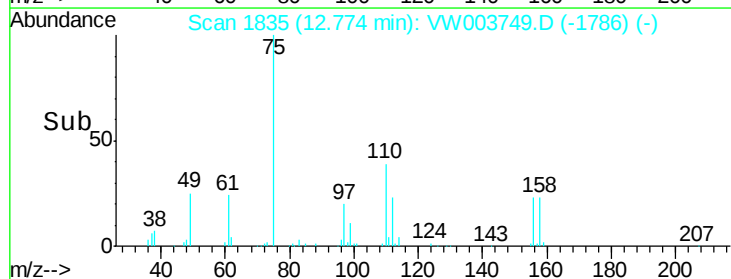
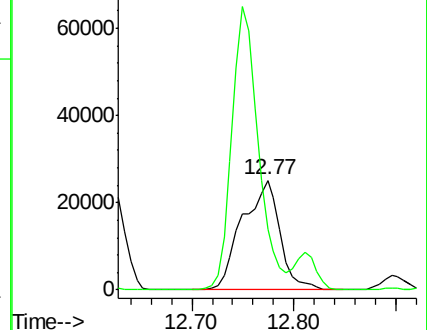
75 100

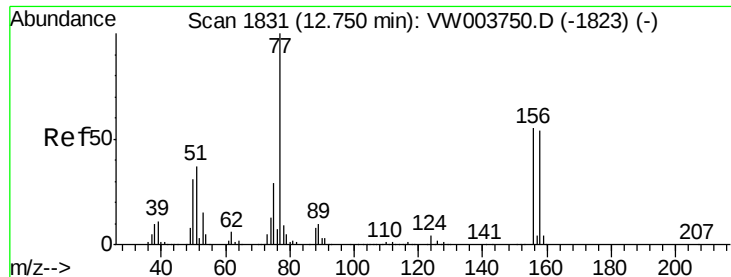
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

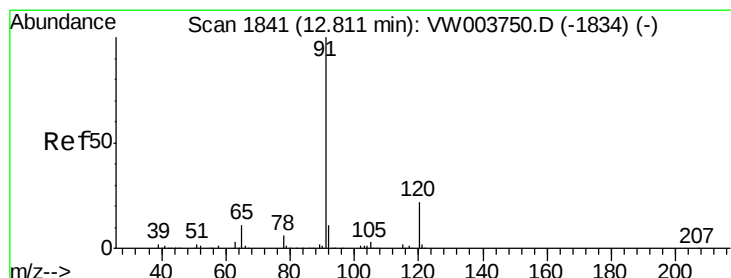
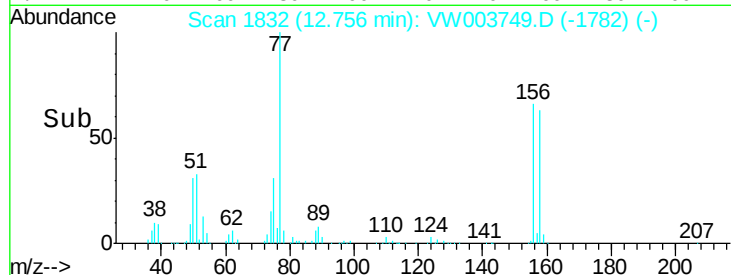
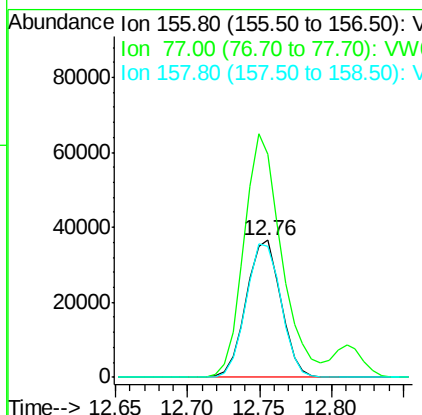
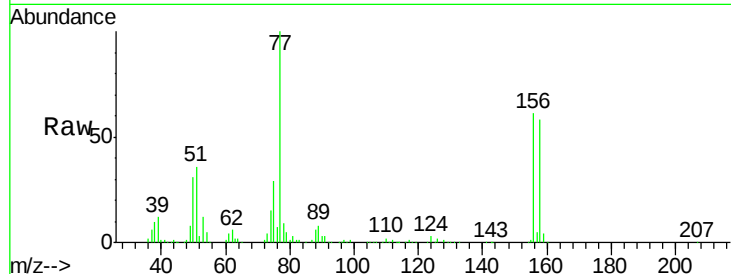




#77
Bromobenzene
Concen: 20.810 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VW003749.D
Acq: 06 Jul 2018 23:40

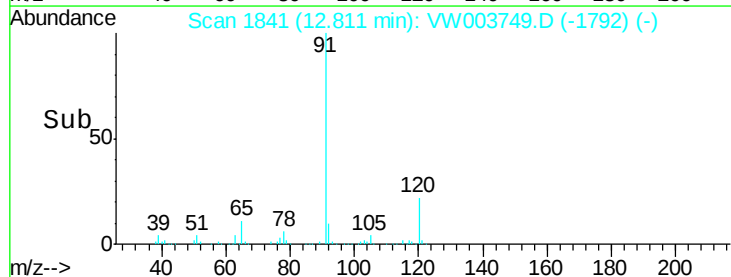
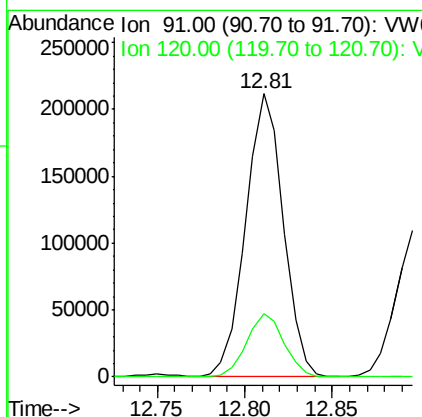
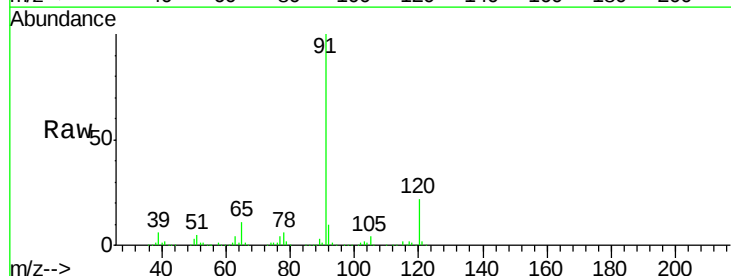
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

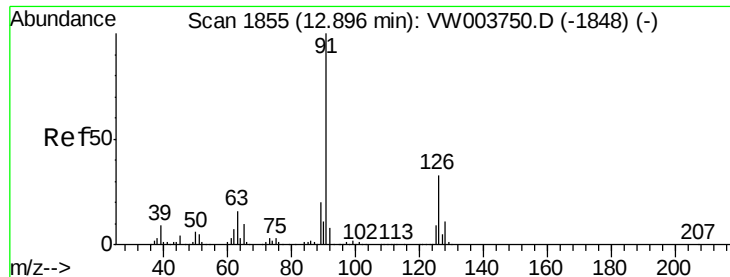
Tgt Ion:156 Resp: 60761
Ion Ratio Lower Upper
156 100
77 192.5 98.7 296.0
158 98.4 49.0 147.0



#78
n-propylbenzene
Concen: 21.006 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VW003749.D
Acq: 06 Jul 2018 23:40

Tgt Ion: 91 Resp: 315584
Ion Ratio Lower Upper
91 100
120 22.3 11.2 33.6





#79

2-Chlorotoluene

Concen: 20.776 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW003749.D

Acq: 06 Jul 2018 23:40

Instrument :

MSVOA_W

ClientSampleId :

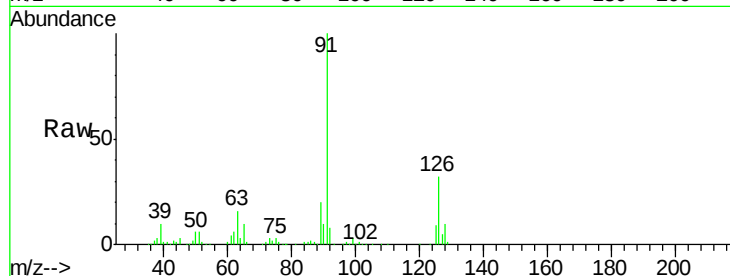
VSTDIC020

Tgt Ion: 91 Resp: 177537

Ion Ratio Lower Upper

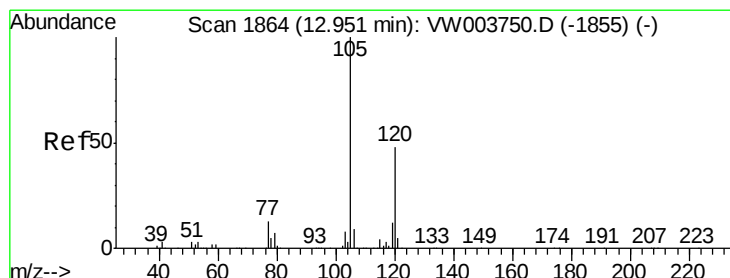
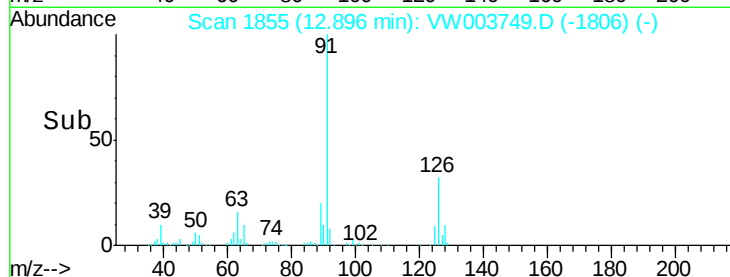
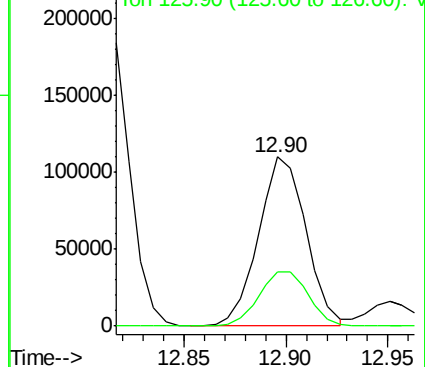
91 100

126 34.0 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.093 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW003749.D

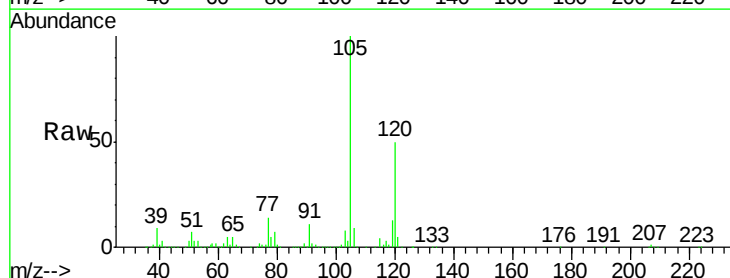
Acq: 06 Jul 2018 23:40

Tgt Ion: 105 Resp: 217375

Ion Ratio Lower Upper

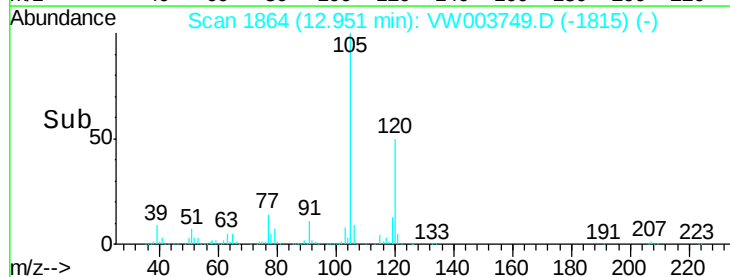
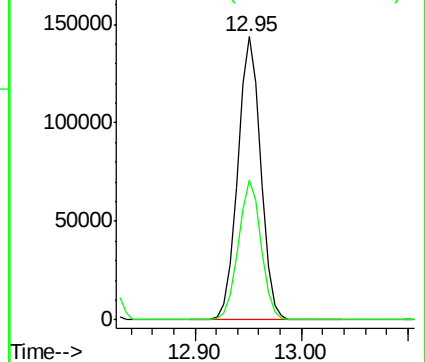
105 100

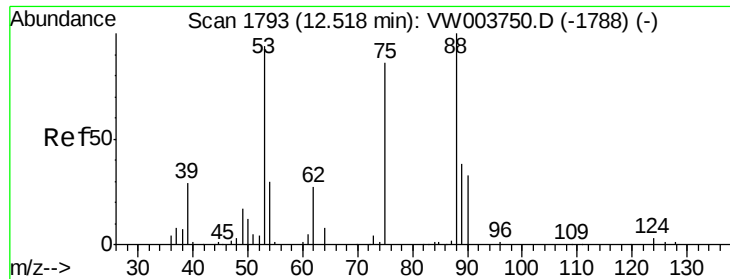
120 48.9 24.2 72.6



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: 18.061 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW003749.D

Acq: 06 Jul 2018 23:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

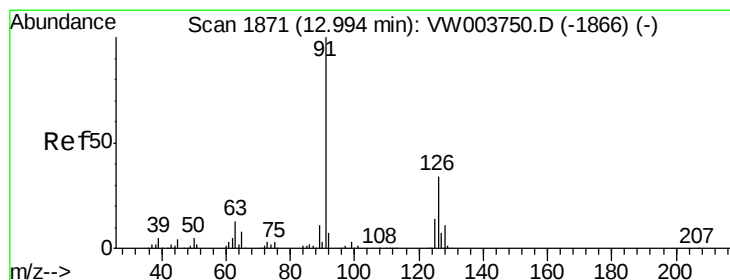
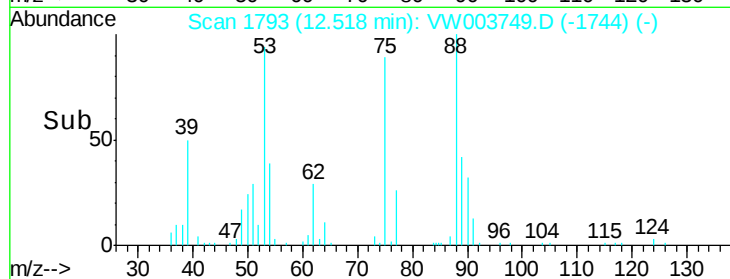
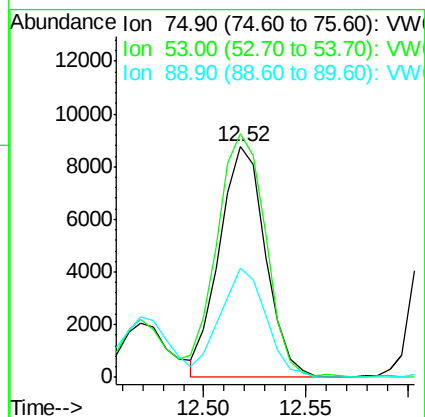
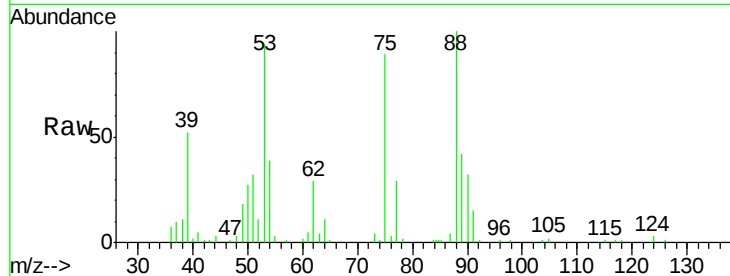
Tgt Ion: 75 Resp: 13691

Ion Ratio Lower Upper

75 100

53 113.2 85.0 127.6

89 47.2 36.3 54.5



#82

4-Chlorotoluene

Concen: 21.573 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VW003749.D

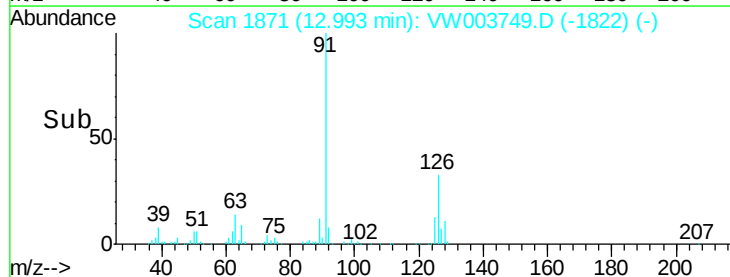
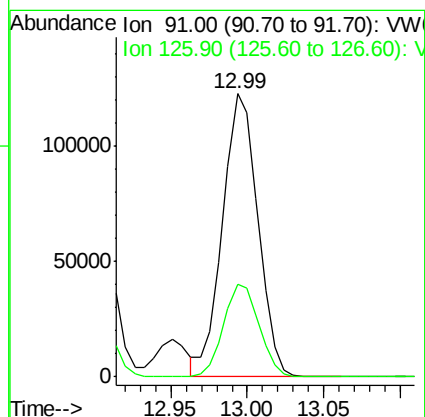
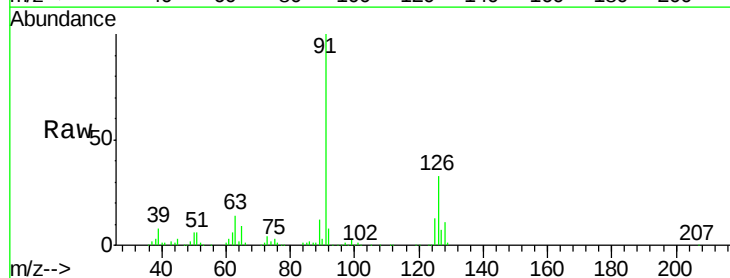
Acq: 06 Jul 2018 23:40

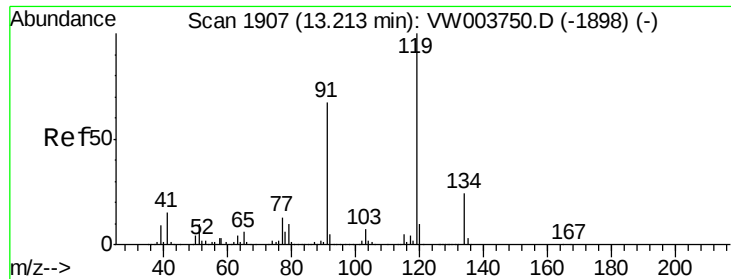
Tgt Ion: 91 Resp: 196599

Ion Ratio Lower Upper

91 100

126 33.0 16.5 49.5

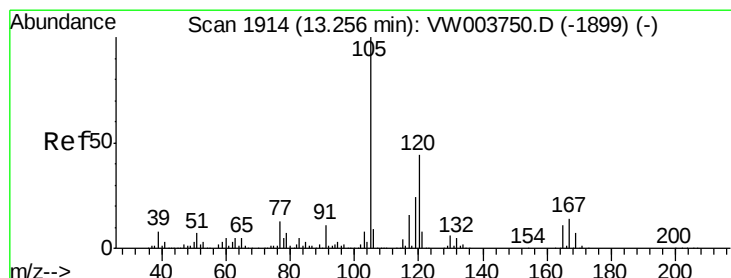
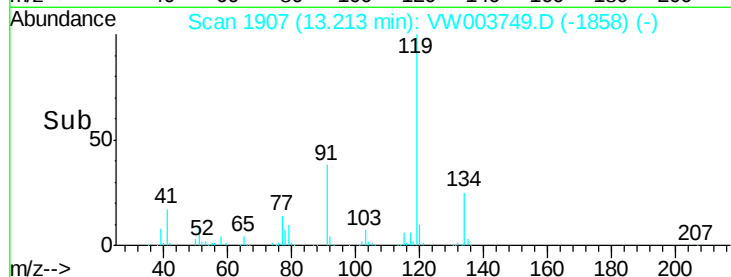
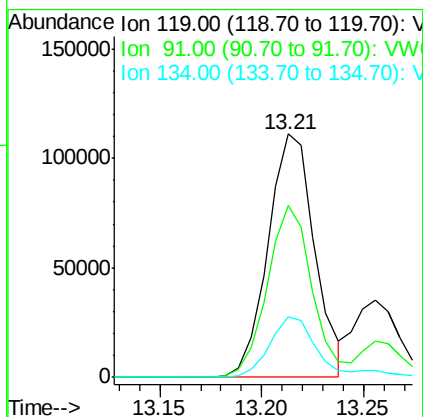
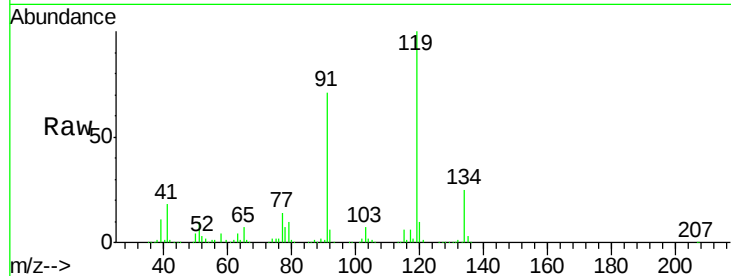




#83
tert-Butylbenzene
Concen: 20.423 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW003749.D
Acq: 06 Jul 2018 23:40

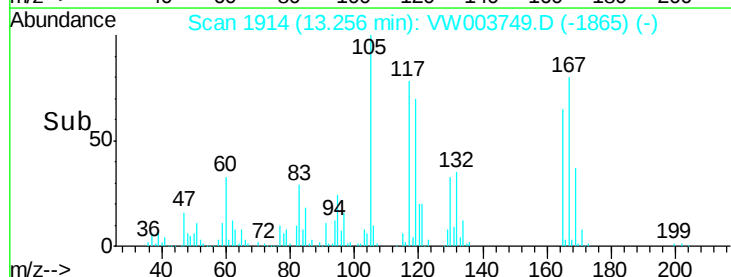
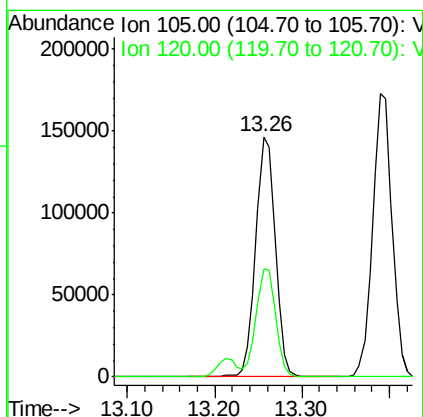
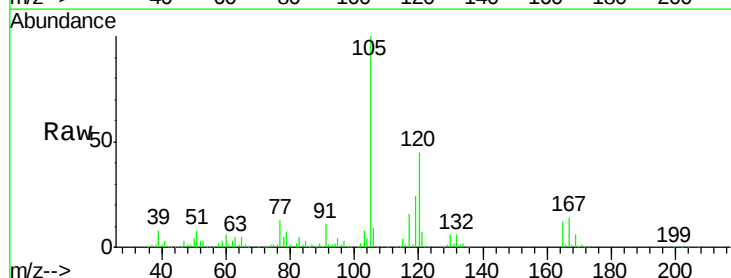
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

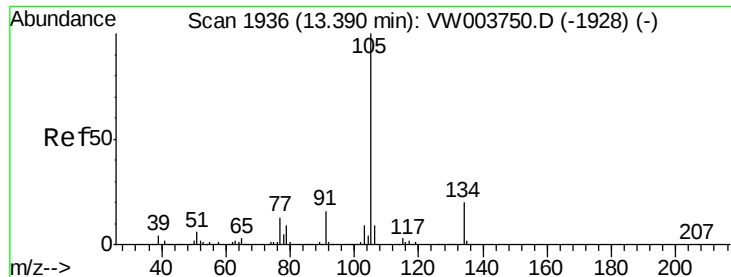
Tgt Ion:119 Resp: 177216
Ion Ratio Lower Upper
119 100
91 68.4 33.0 98.9
134 24.3 12.8 38.4



#84
1,2,4-Trimethylbenzene
Concen: 21.562 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW003749.D
Acq: 06 Jul 2018 23:40

Tgt Ion:105 Resp: 228680
Ion Ratio Lower Upper
105 100
120 44.8 22.0 66.0

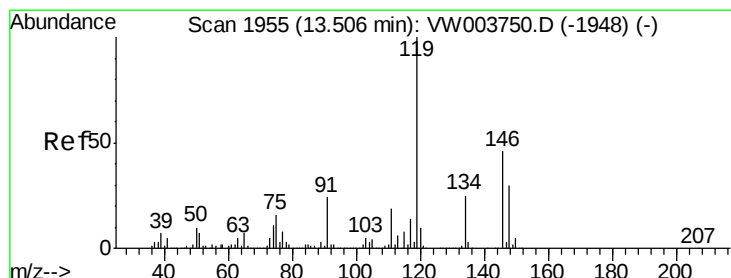
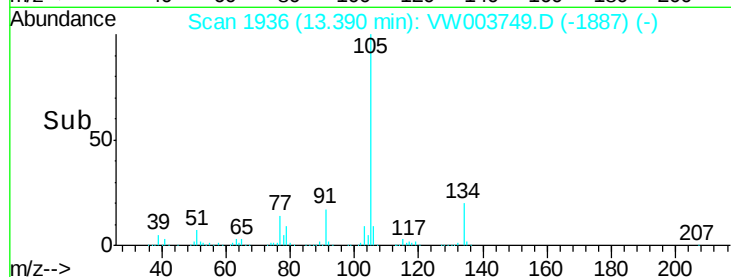
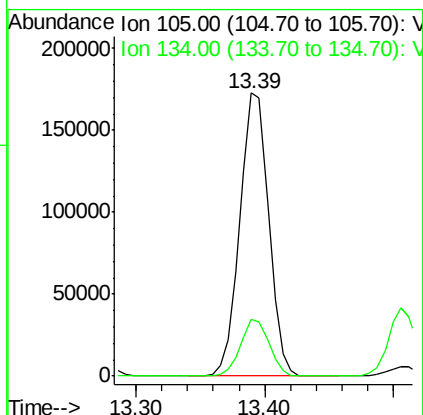
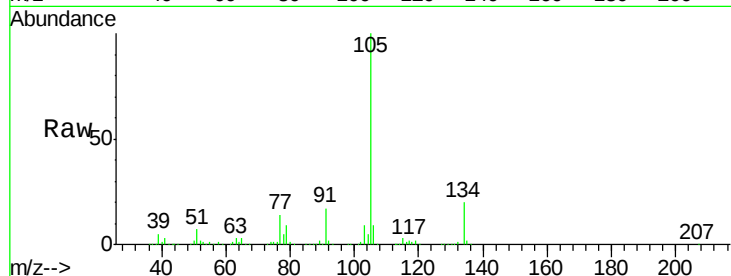




#85
 sec-Butylbenzene
 Concen: 20.746 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW003749.D
 Acq: 06 Jul 2018 23:40

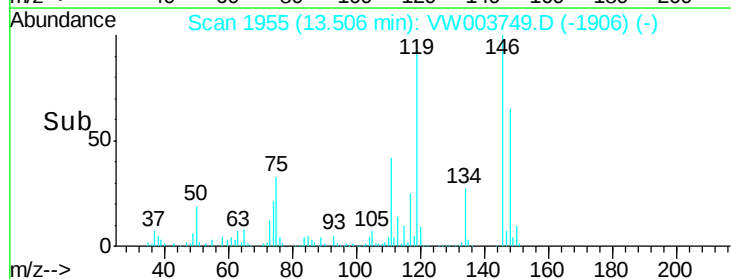
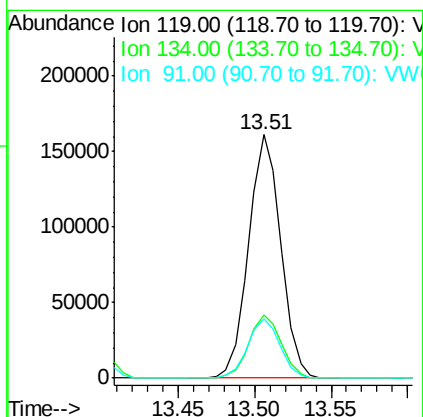
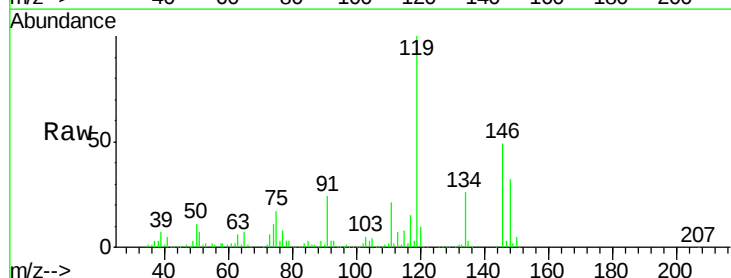
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

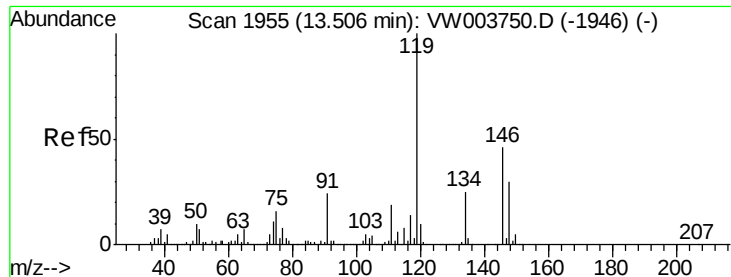
Tgt Ion:105 Resp: 267364
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 20.840 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003749.D
 Acq: 06 Jul 2018 23:40

Tgt Ion:119 Resp: 235231
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.1
 91 24.3 11.9 35.9

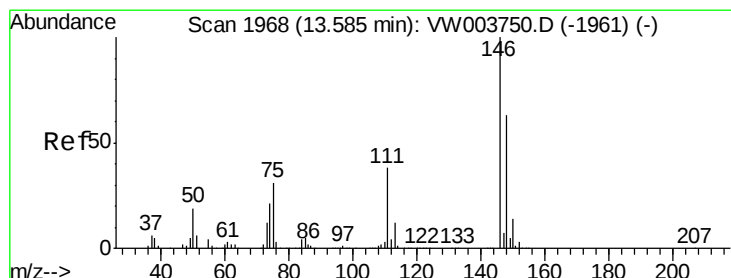
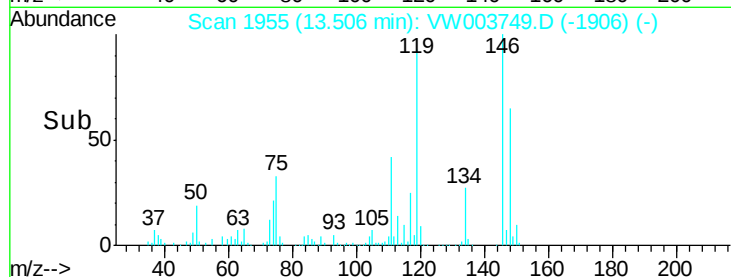
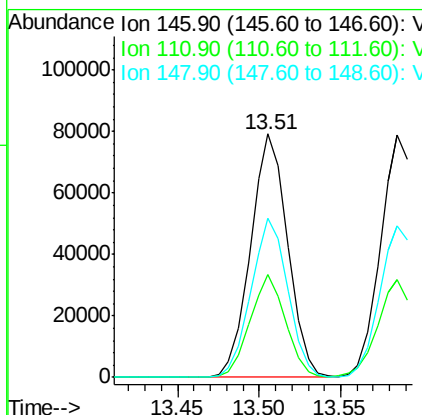
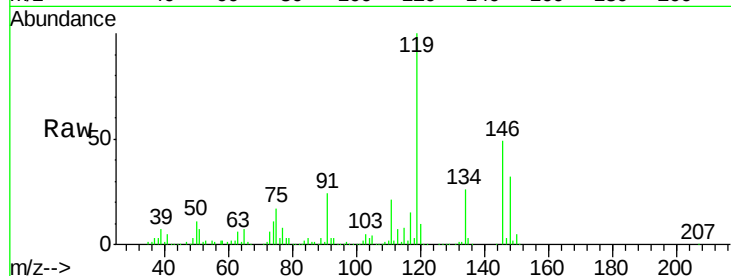




#87
 1,3-Dichlorobenzene
 Concen: 20.991 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003749.D
 Acq: 06 Jul 2018 23:40

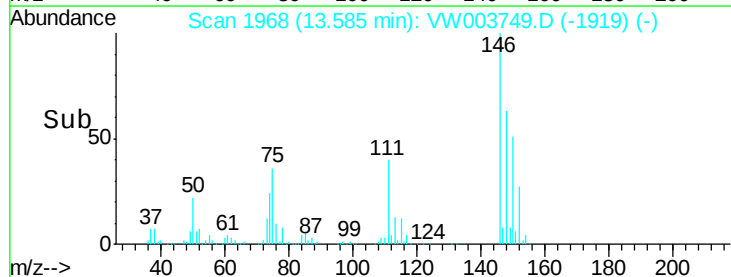
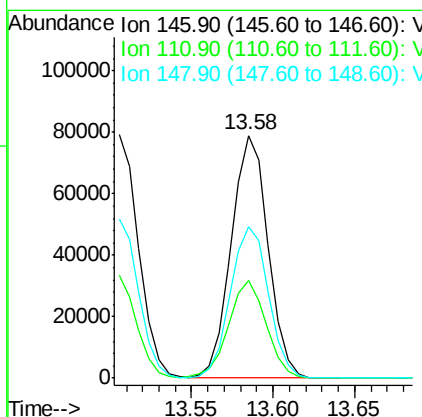
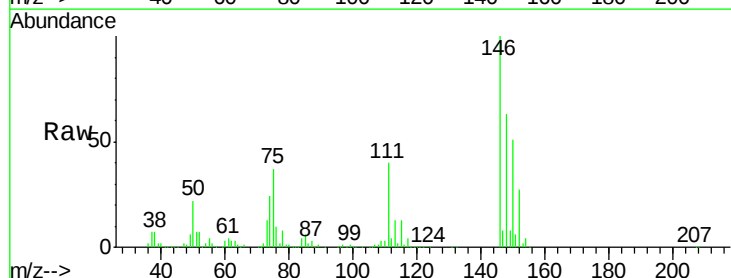
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

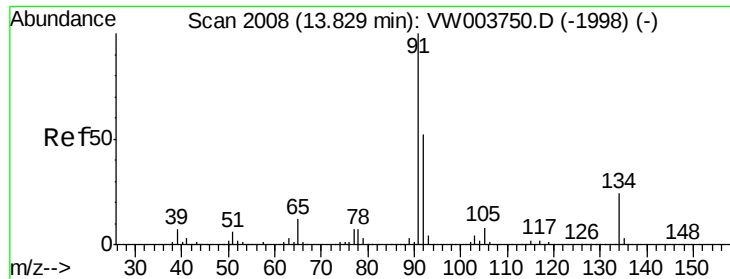
Tgt Ion:146 Resp: 124666
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.2 60.5
 148 65.1 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 20.893 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW003749.D
 Acq: 06 Jul 2018 23:40

Tgt Ion:146 Resp: 124059
 Ion Ratio Lower Upper
 146 100
 111 41.1 19.4 58.4
 148 64.5 31.9 95.7





#89

n-Butylbenzene

Concen: 20.712 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.01 min

Lab File: VW003749.D

Acq: 06 Jul 2018 23:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

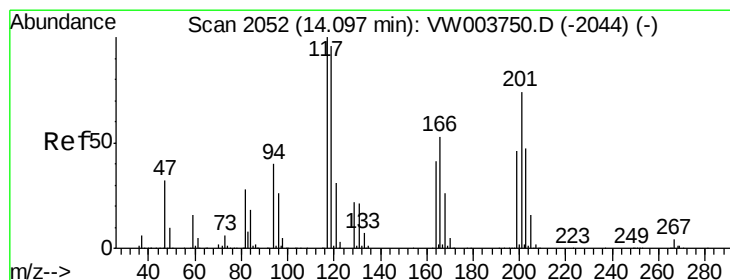
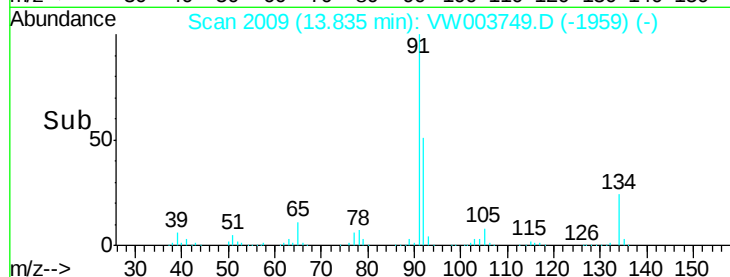
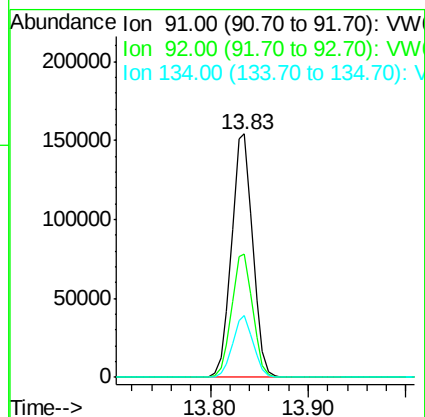
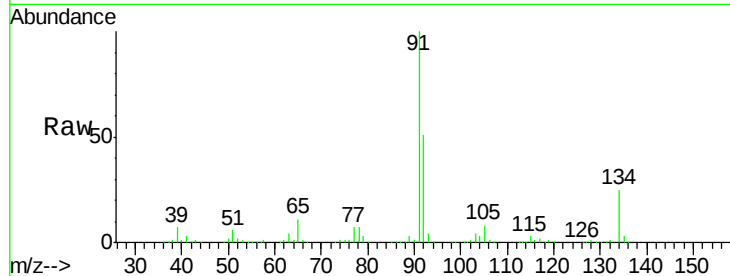
Tgt Ion: 91 Resp: 230646

Ion Ratio Lower Upper

91 100

92 50.6 26.1 78.3

134 24.4 12.4 37.4



#90

Hexachloroethane

Concen: 20.850 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.01 min

Lab File: VW003749.D

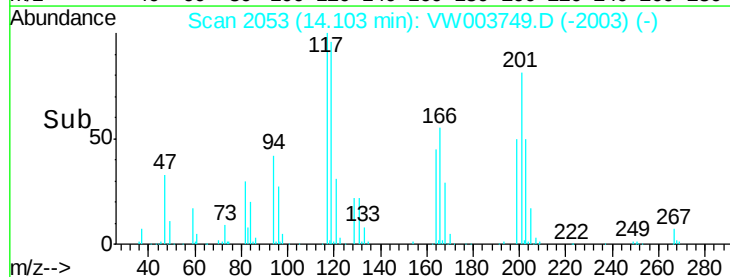
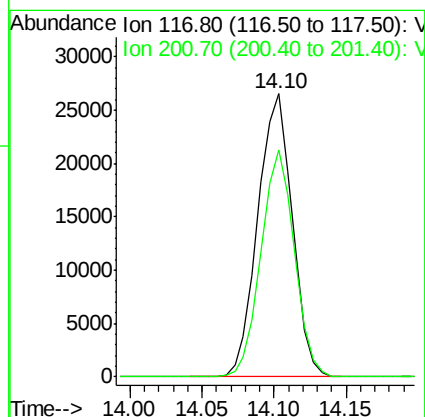
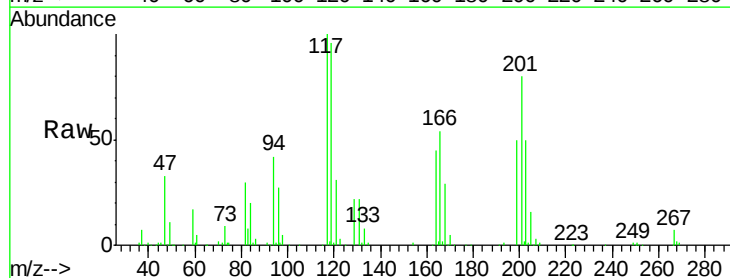
Acq: 06 Jul 2018 23:40

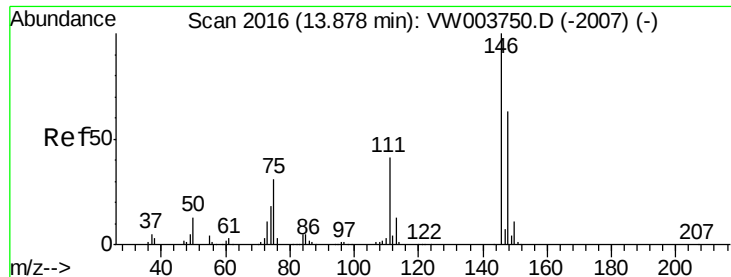
Tgt Ion: 117 Resp: 43782

Ion Ratio Lower Upper

117 100

201 77.7 39.2 117.6





#91

1,2-Dichlorobenzene

Concen: 21.453 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. -0.00 min

Lab File: VW003749.D

Acq: 06 Jul 2018 23:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

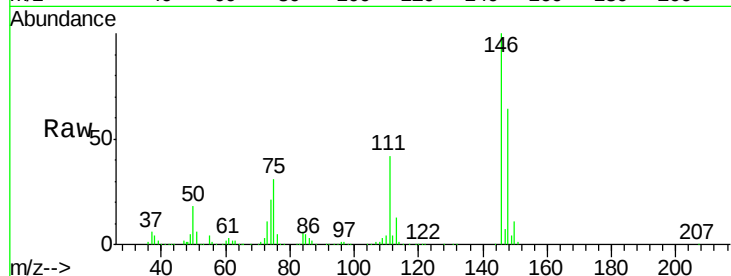
Tgt Ion:146 Resp: 114123

Ion Ratio Lower Upper

146 100

111 41.0 20.7 62.1

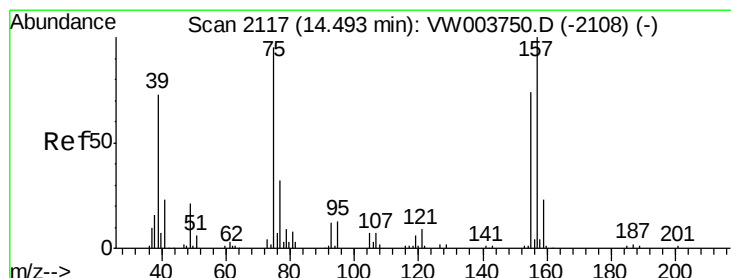
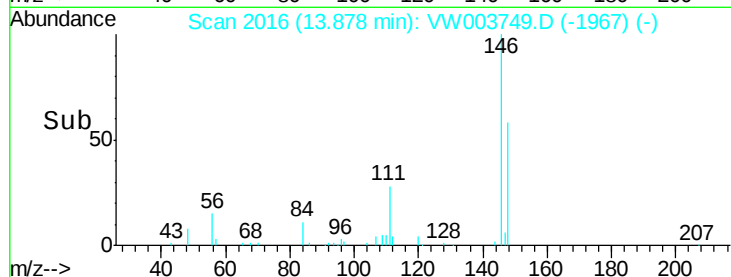
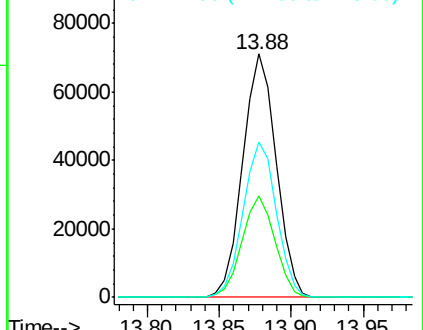
148 63.6 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.873 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VW003749.D

Acq: 06 Jul 2018 23:40

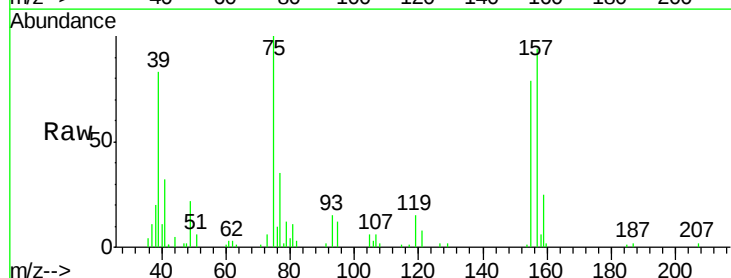
Tgt Ion: 75 Resp: 8353

Ion Ratio Lower Upper

75 100

155 78.3 39.2 117.6

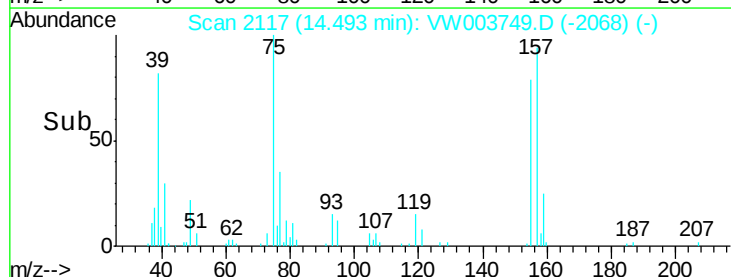
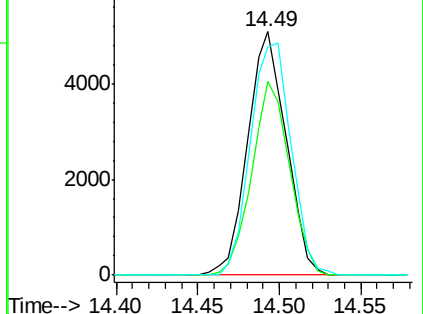
157 100.9 50.7 152.1

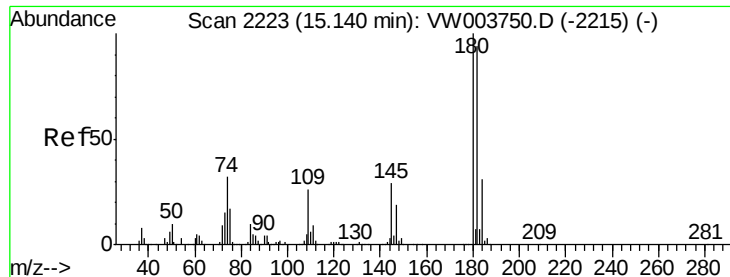


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

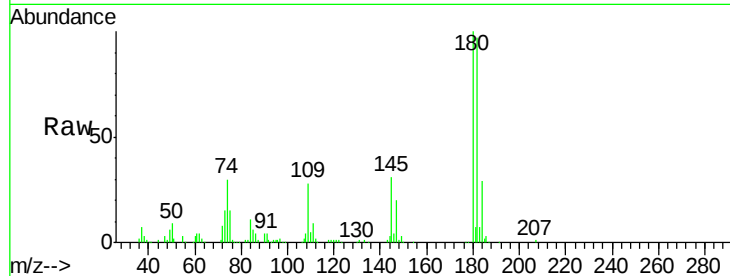




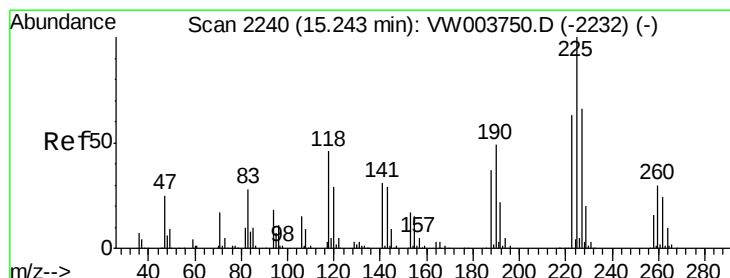
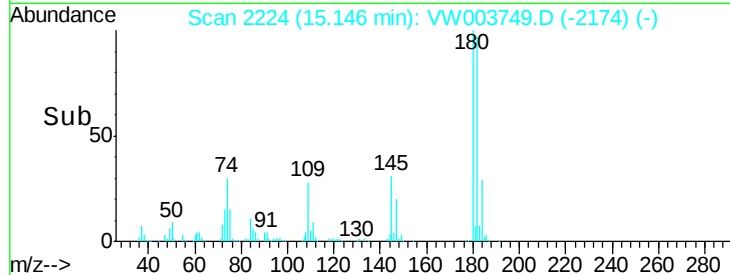
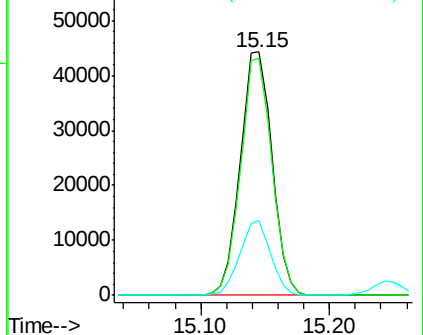
#93
 1,2,4-Trichlorobenzene
 Concen: 20.192 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.01 min
 Lab File: VW003749.D
 Acq: 06 Jul 2018 23:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion:180 Resp: 75510
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.4 142.2
 145 29.8 15.0 45.0

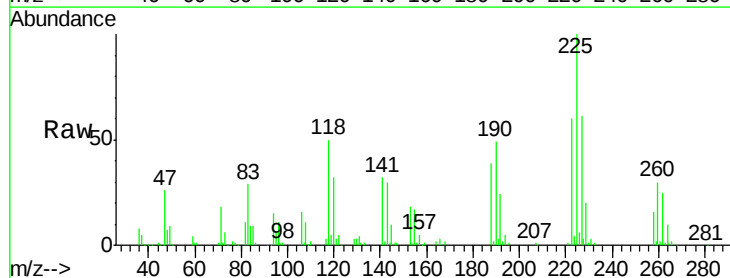


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

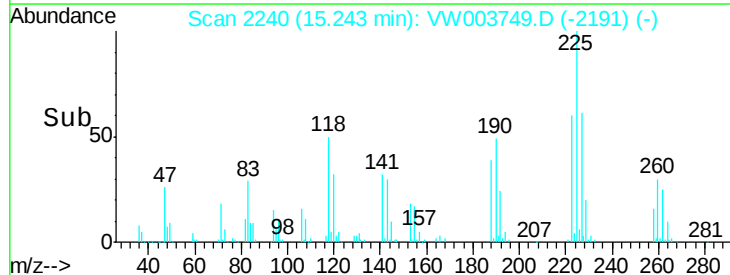
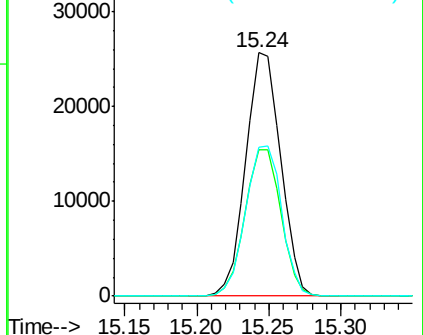


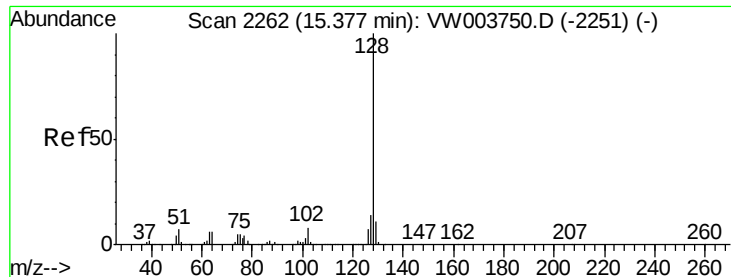
#94
 Hexachlorobutadiene
 Concen: 20.114 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VW003749.D
 Acq: 06 Jul 2018 23:40

Tgt Ion:225 Resp: 43151
 Ion Ratio Lower Upper
 225 100
 223 61.7 32.6 97.7
 227 63.5 32.5 97.5



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

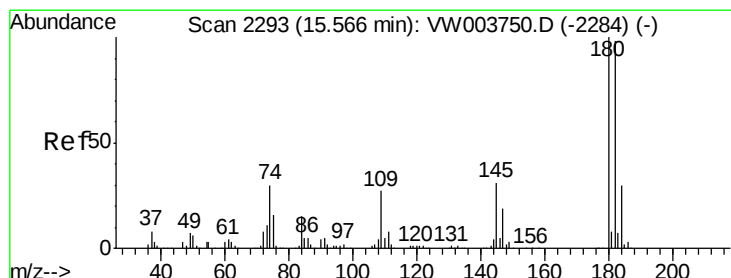
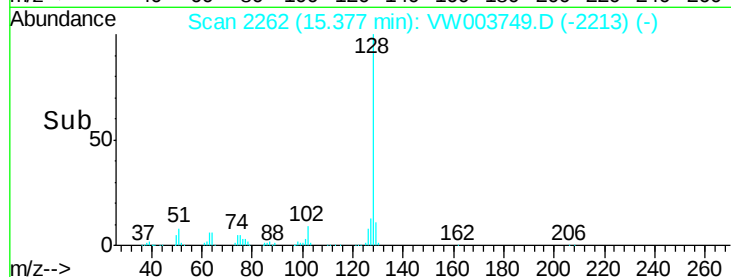
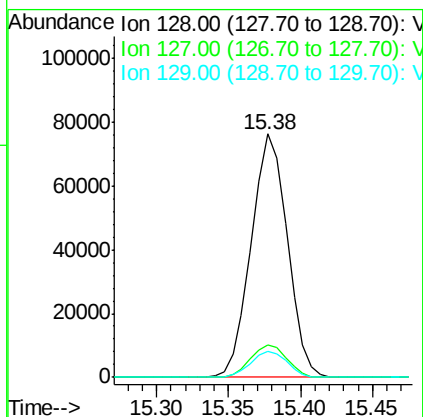
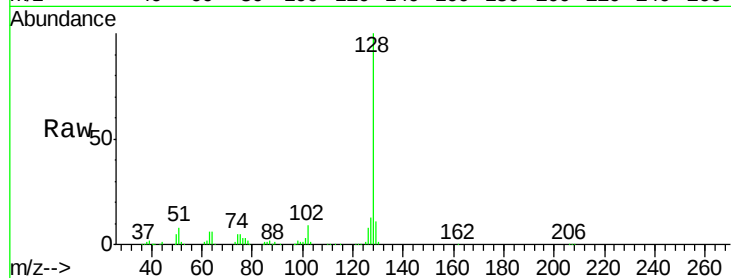




#95
Naphthalene
Concen: 19.447 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW003749.D
Acq: 06 Jul 2018 23:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 132878
Ion Ratio Lower Upper
128 100
127 13.5 10.8 16.2
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.264 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW003749.D
Acq: 06 Jul 2018 23:40

Tgt Ion:180 Resp: 67775
Ion Ratio Lower Upper
180 100
182 96.0 47.4 142.3
145 31.7 15.8 47.4

