

Data File : VW003505.D
Acq On : 24 Jun 2018 12:54
Operator : SY/AP
Sample : VW0624SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD01

Quant Time: Jun 24 23:24:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	263460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	403149	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	368927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	197000	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	144975	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
35) Dibromofluoromethane	7.89	113	128326	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
50) Toluene-d8	10.33	98	517443	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
62) 4-Bromofluorobenzene	12.62	95	186034	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	24243	30.437	ug/l	93
3) Chloromethane	2.21	50	41431	20.587	ug/l	99
4) Vinyl Chloride	2.36	62	60295	20.552	ug/l	96
5) Bromomethane	2.78	94	36467	18.702	ug/l	98
6) Chloroethane	2.92	64	39413	19.300	ug/l	98
7) Trichlorofluoromethane	3.25	101	39533	22.493	ug/l	98
8) Diethyl Ether	3.68	74	28178	21.825	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	53163	21.783	ug/l	100
10) Methyl Iodide	4.26	142	78439	21.252	ug/l	99
11) Tert butyl alcohol	5.25	59	16869	110.222	ug/l	98
12) 1,1-Dichloroethene	4.03	96	50742	21.276	ug/l	96
13) Acrolein	3.90	56	16718	76.403	ug/l	96
14) Allyl chloride	4.67	41	87994	21.300	ug/l	100
15) Acrylonitrile	5.39	53	56225	105.845	ug/l	98
16) Acetone	4.15	43	65116	108.798	ug/l	100
17) Carbon Disulfide	4.37	76	147365	20.900	ug/l	99
18) Methyl Acetate	4.68	43	27358	19.269	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	94041	21.053	ug/l	99
20) Methylene Chloride	4.90	84	56755	20.131	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	55231	21.279	ug/l	93
22) Diisopropyl ether	6.31	45	180544	21.715	ug/l	96
23) Vinyl Acetate	6.26	43	507196	105.858	ug/l	99
24) 1,1-Dichloroethane	6.22	63	105303	21.334	ug/l	97
25) 2-Butanone	7.19	43	81127	109.009	ug/l	97
26) 2,2-Dichloropropane	7.17	77	70526	21.410	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	59985	21.037	ug/l	96
28) Bromochloromethane	7.52	49	37967	18.485	ug/l	98
29) Tetrahydrofuran	7.54	42	47020	103.376	ug/l	99
30) Chloroform	7.68	83	105566	20.993	ug/l	100
31) Cyclohexane	7.95	56	98807	21.427	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	88441	21.307	ug/l	100
36) 1,1-Dichloropropene	8.09	75	86345	22.177	ug/l	99
37) Ethyl Acetate	7.27	43	35101	21.762	ug/l	99
38) Carbon Tetrachloride	8.07	117	83018	21.738	ug/l	97

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	98830	21.938	ug/l	97
40) Benzene	8.33	78	235485	21.943	ug/l	99
41) Methacrylonitrile	7.49	41	20250	20.459	ug/l	98
42) 1,2-Dichloroethane	8.40	62	72415	21.537	ug/l	99
43) Isopropyl Acetate	8.43	43	66639	20.807	ug/l	100
44) Trichloroethene	9.09	130	60718	21.352	ug/l	100
45) 1,2-Dichloropropane	9.37	63	60251	22.050	ug/l	94
46) Dibromomethane	9.46	93	29589	21.151	ug/l	98
47) Bromodichloromethane	9.65	83	75650	21.096	ug/l	96
48) Methyl methacrylate	9.45	41	32530	21.613	ug/l	97
49) 1,4-Dioxane	9.50	88	8316	393.697	ug/l	84
51) 4-Methyl-2-Pentanone	10.22	43	174167	106.724	ug/l	99
52) Toluene	10.39	92	147555	21.441	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	77163	21.065	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	89845	21.550	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	41559	21.082	ug/l	98
56) Ethyl methacrylate	10.65	69	50430	21.066	ug/l	99
57) 1,3-Dichloropropane	10.94	76	73735	21.687	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	112508	104.842	ug/l	98
59) 2-Hexanone	10.98	43	125869	110.406	ug/l	99
60) Dibromochloromethane	11.13	129	48123	20.527	ug/l	99
61) 1,2-Dibromoethane	11.24	107	39157	20.999	ug/l	100
64) Tetrachloroethene	10.87	164	52610	21.320	ug/l	97
65) Chlorobenzene	11.66	112	164099	21.360	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	56247	20.834	ug/l	99
67) Ethyl Benzene	11.74	91	291500	21.405	ug/l	100
68) m/p-Xylenes	11.85	106	223163	43.108	ug/l	100
69) o-Xylene	12.17	106	102838	21.435	ug/l	99
70) Styrene	12.19	104	169176	21.185	ug/l	99
71) Bromoform	12.35	173	27949	19.975	ug/l #	100
73) Isopropylbenzene	12.47	105	290941	21.233	ug/l	99
74) N-amyl acetate	12.28	43	64781	20.771	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	48507	20.925	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	65324	38.788	ug/l #	100
77) Bromobenzene	12.76	156	67069	21.018	ug/l	99
78) n-propylbenzene	12.81	91	362382	21.599	ug/l	100
79) 2-Chlorotoluene	12.90	91	202864	21.395	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	245777	21.370	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	14500	19.812	ug/l	98
82) 4-Chlorotoluene	12.99	91	216736	21.548	ug/l	100
83) tert-Butylbenzene	13.21	119	210010	21.426	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	255838	21.625	ug/l	100
85) sec-Butylbenzene	13.39	105	313978	21.551	ug/l	100
86) p-Isopropyltoluene	13.51	119	275340	21.427	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	137935	21.041	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	138172	21.202	ug/l	98
89) n-Butylbenzene	13.83	91	270941	21.631	ug/l	100
90) Hexachloroethane	14.10	117	48326	20.790	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	122340	21.305	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.50	75	7934	20.338	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062418\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	85056	21.099	ug/l	99
94) Hexachlorobutadiene	15.25	225	50570	20.855	ug/l	99
95) Naphthalene	15.38	128	141694	20.721	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	75008	21.139	ug/l	99

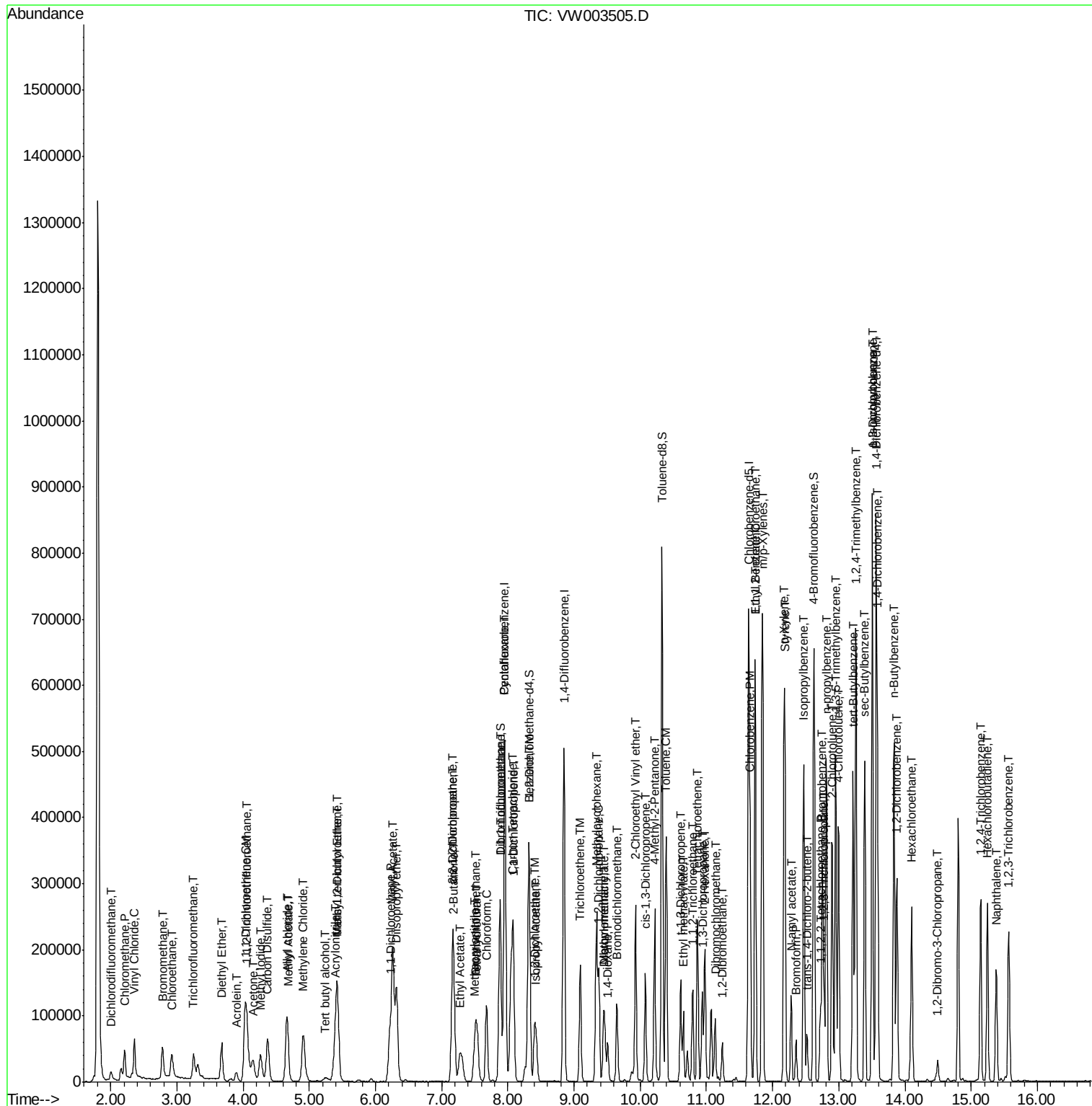
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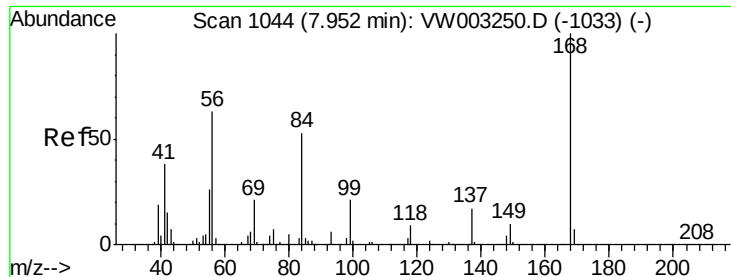
Data File : VW003505.D

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Acq On       : 24 Jun 2018   12:54
Operator    : SY/AP
Sample      : VW0624SBD01
Misc       : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial    : 5      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD01

Quant Time: Jun 24 23:24:33 2018
Quant Method : Z:\VQASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

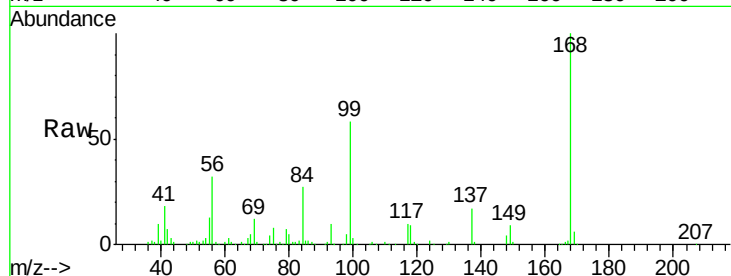
VW0624SBSD01

Tgt Ion:168 Resp: 263460

Ion Ratio Lower Upper

168 100

99 57.8 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

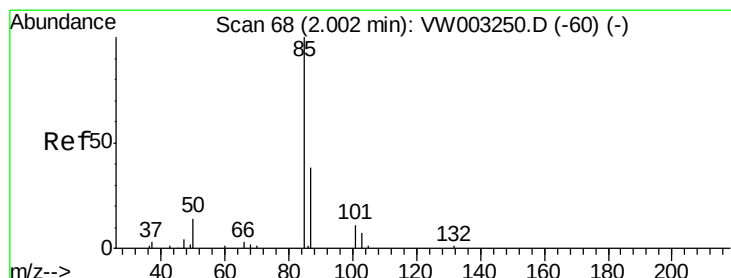
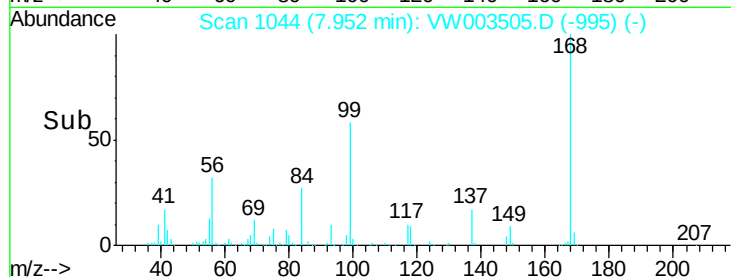
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 30.437 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003505.D

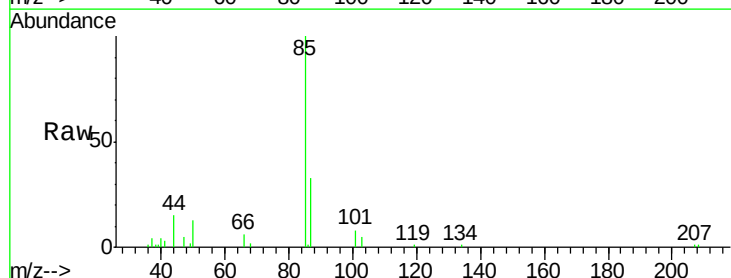
Acq: 24 Jun 2018 12:54

Tgt Ion: 85 Resp: 24243

Ion Ratio Lower Upper

85 100

87 33.5 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

8000

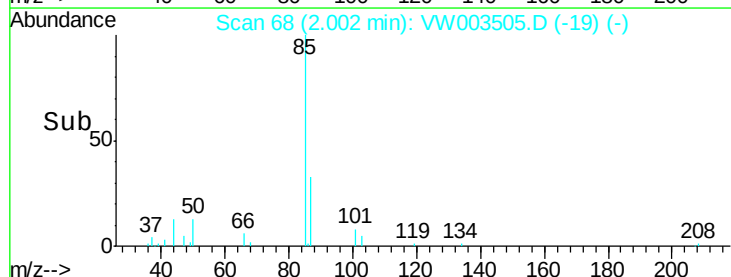
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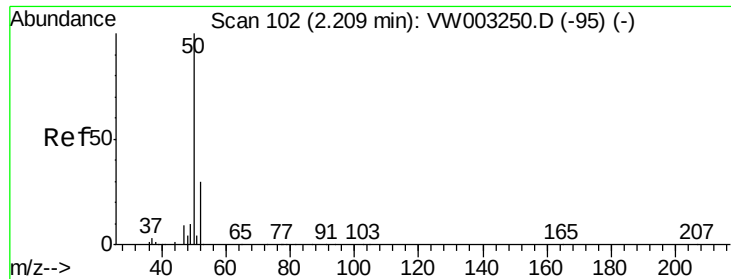
4000

2000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 20.587 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

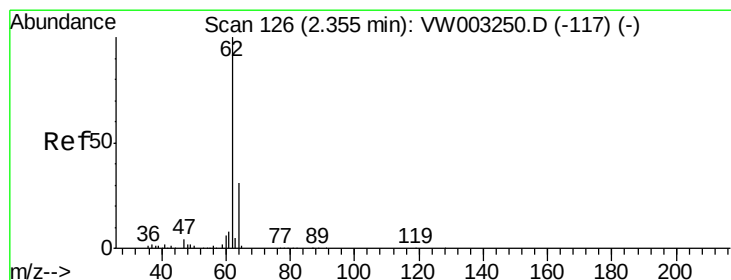
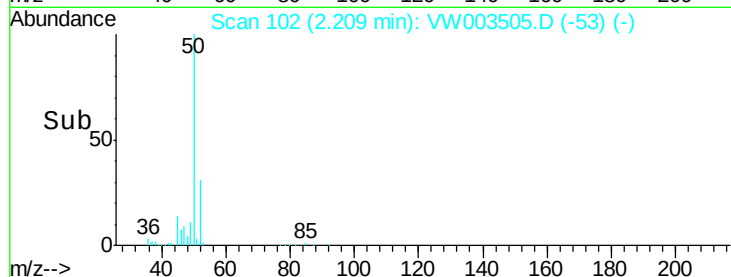
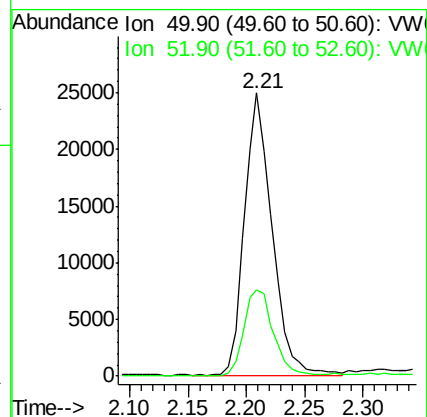
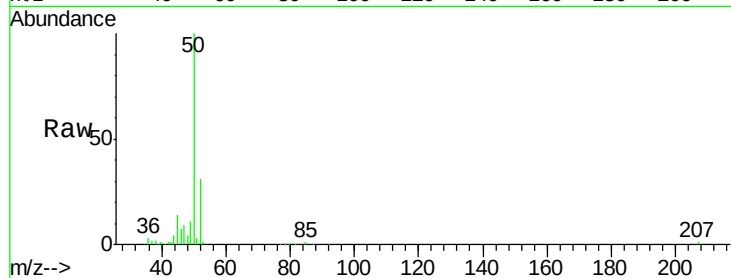
VW0624SBSD01

Tgt Ion: 50 Resp: 41431

Ion Ratio Lower Upper

50 100

52 30.7 24.2 36.2



#4

Vinyl Chloride

Concen: 20.552 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003505.D

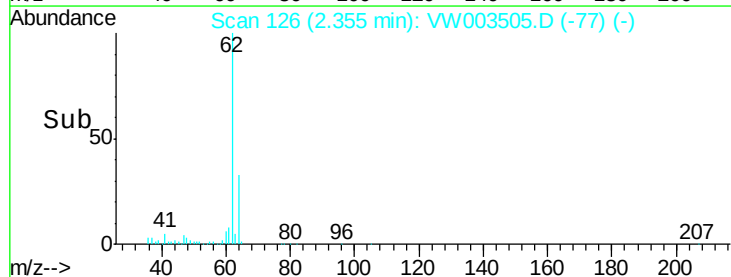
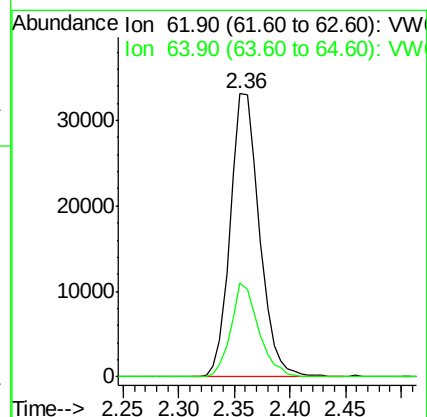
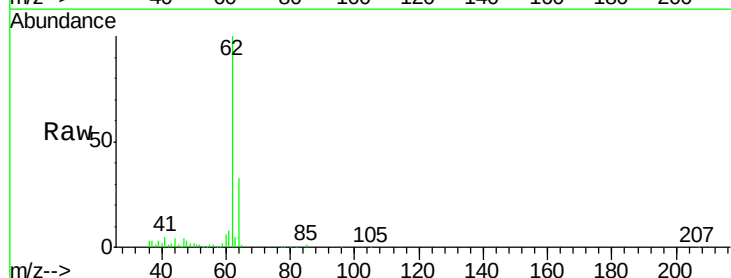
Acq: 24 Jun 2018 12:54

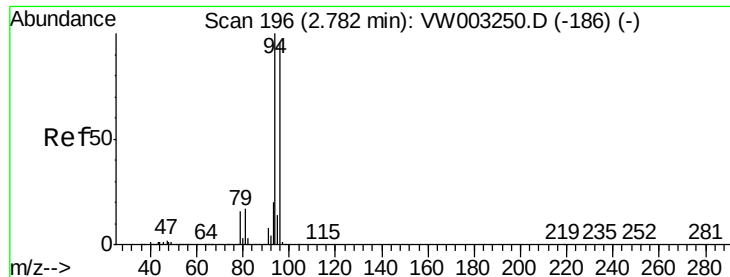
Tgt Ion: 62 Resp: 60295

Ion Ratio Lower Upper

62 100

64 33.1 24.9 37.3





#5

Bromomethane

Concen: 18.702 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

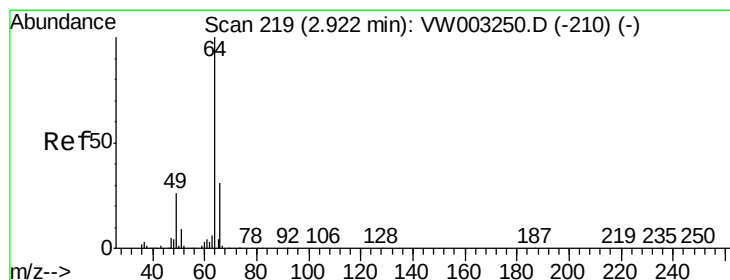
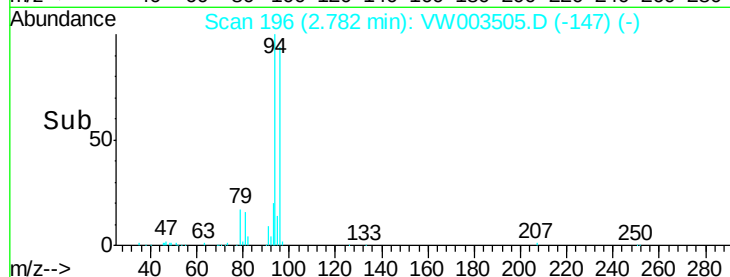
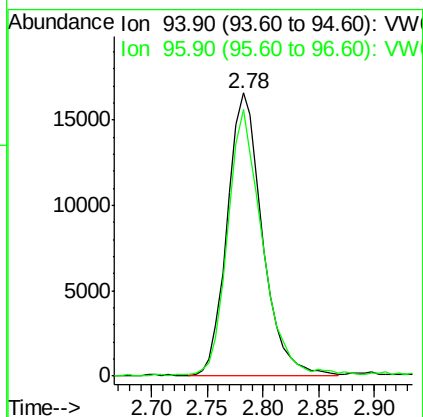
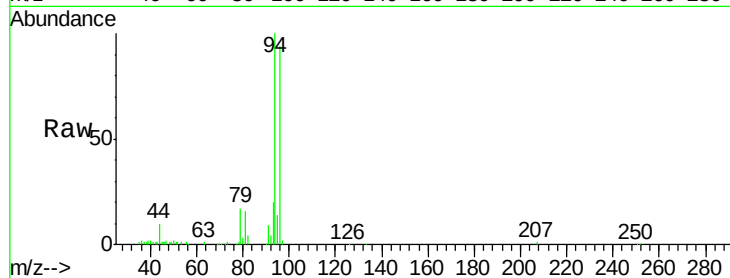
VW0624SBSD01

Tgt Ion: 94 Resp: 36467

Ion Ratio Lower Upper

94 100

96 93.5 76.5 114.7



#6

Chloroethane

Concen: 19.300 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003505.D

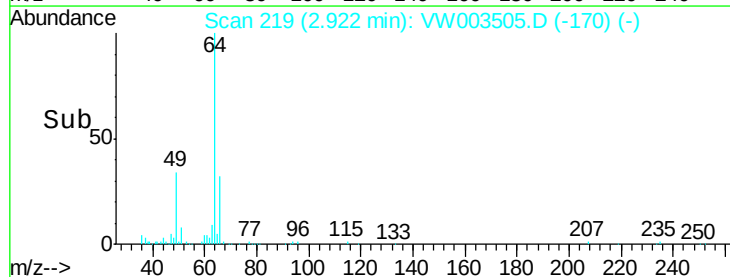
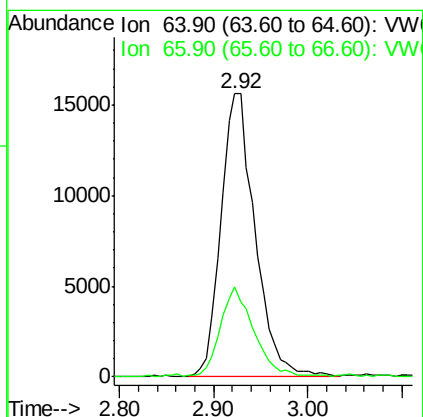
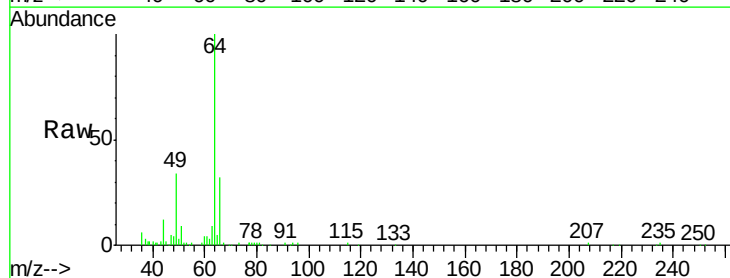
Acq: 24 Jun 2018 12:54

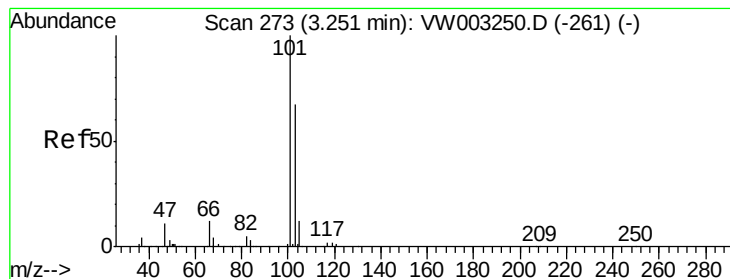
Tgt Ion: 64 Resp: 39413

Ion Ratio Lower Upper

64 100

66 31.4 24.4 36.6



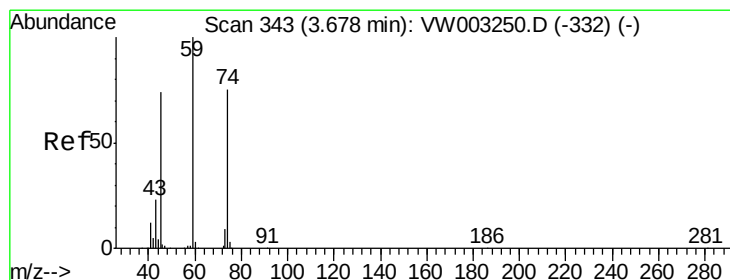
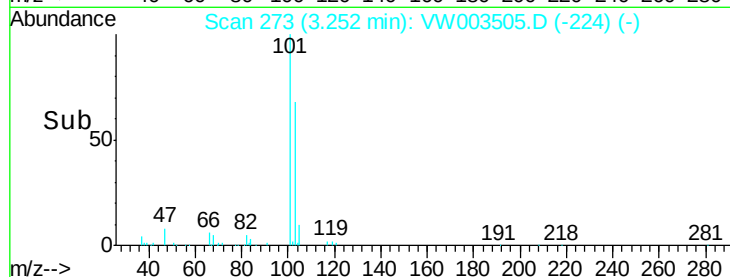
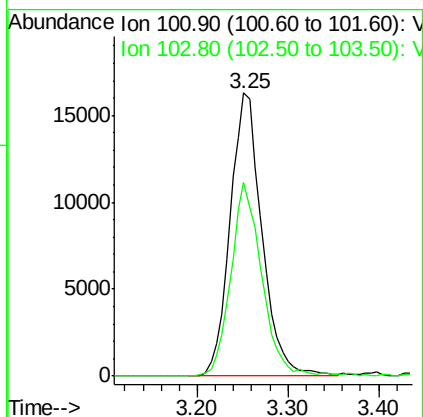
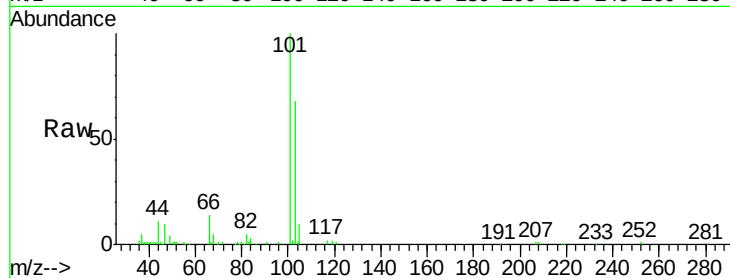


#7

Trichlorofluoromethane
 Concen: 22.493 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.00 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD01

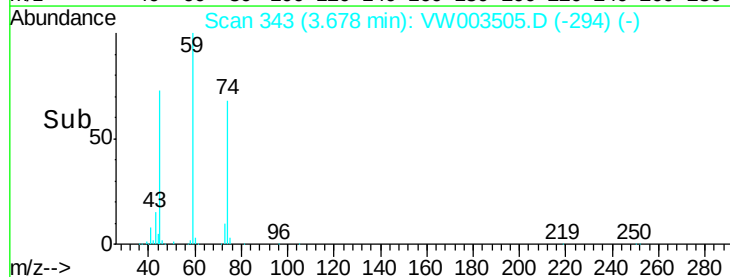
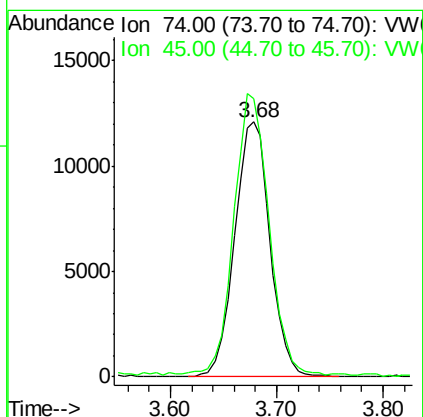
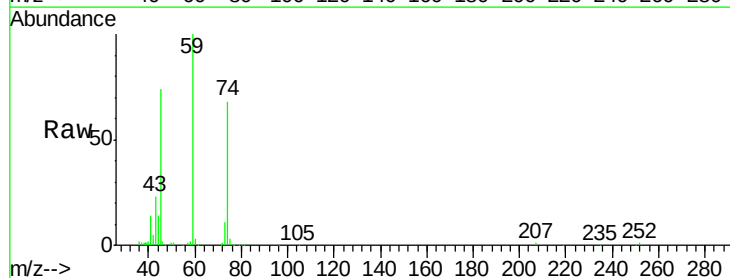
Tgt Ion:101 Resp: 39533
 Ion Ratio Lower Upper
 101 100
 103 68.3 53.4 80.0

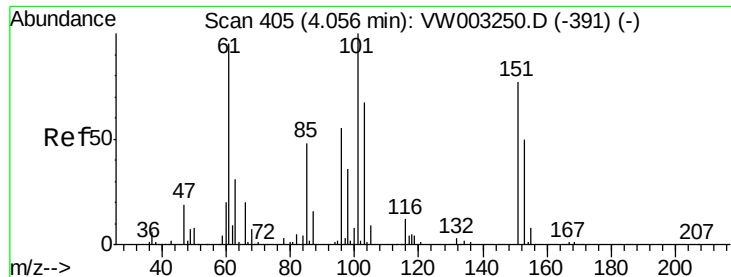


#8

Diethyl Ether
 Concen: 21.825 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

Tgt Ion: 74 Resp: 28178
 Ion Ratio Lower Upper
 74 100
 45 109.6 51.4 154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.783 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD01

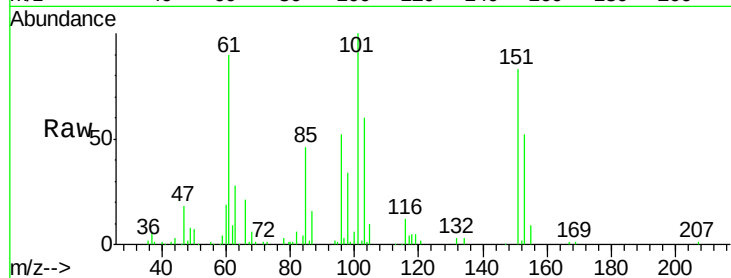
Tgt Ion:101 Resp: 53163

Ion Ratio Lower Upper

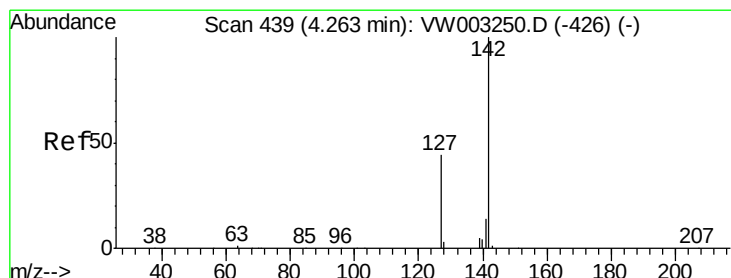
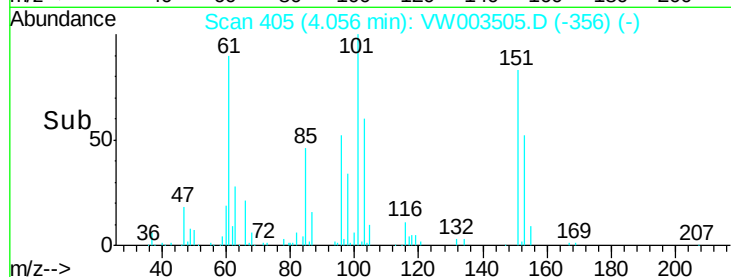
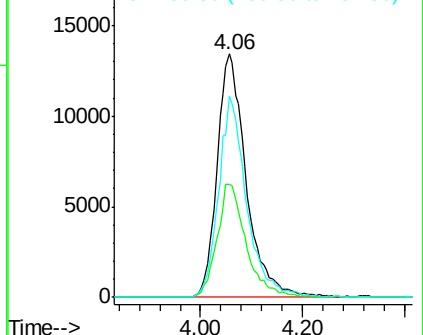
101 100

85 46.3 37.0 55.6

151 79.3 63.3 94.9



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.252 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

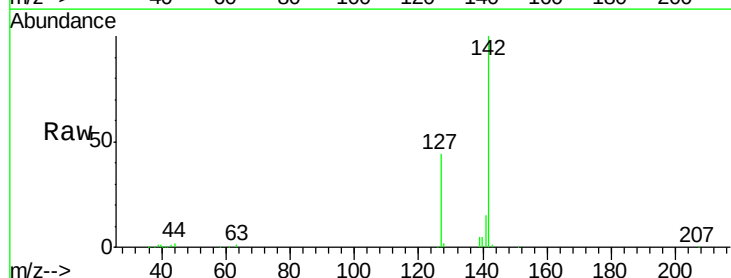
Tgt Ion:142 Resp: 78439

Ion Ratio Lower Upper

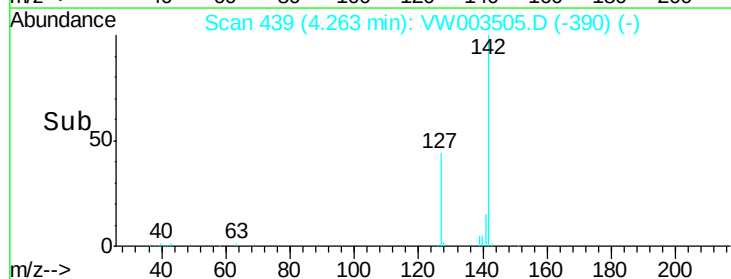
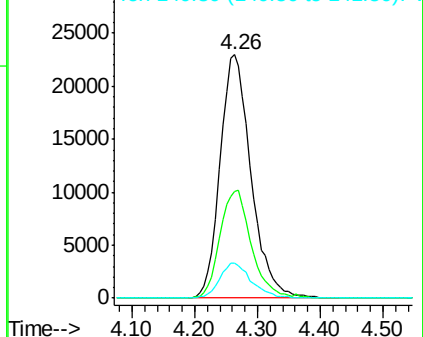
142 100

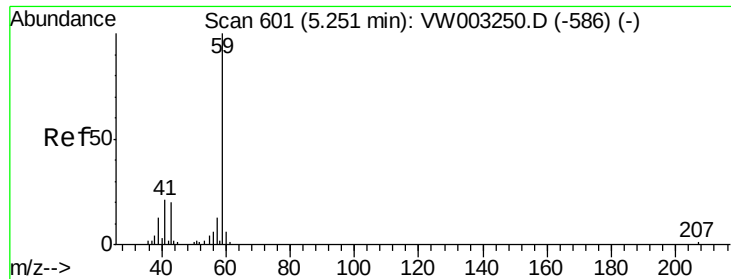
127 44.5 36.5 54.7

141 14.7 12.1 18.1



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



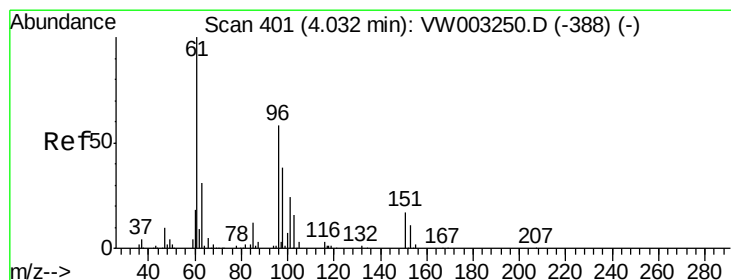
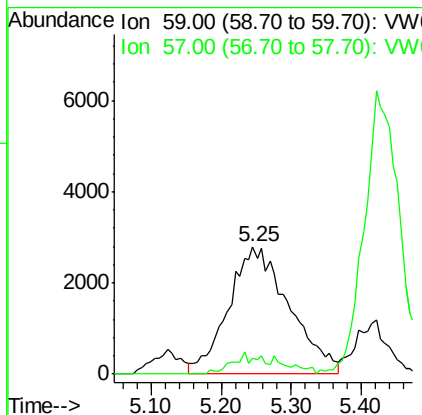
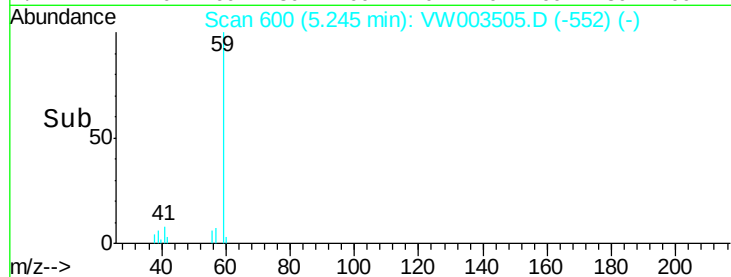
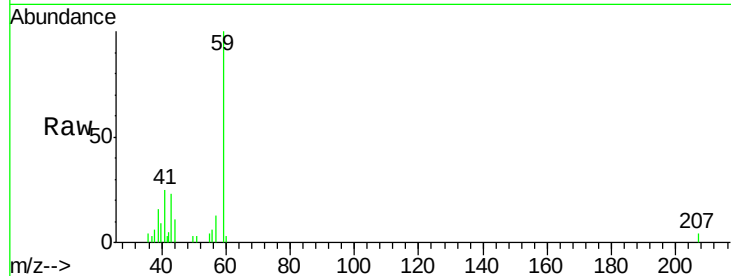


#11

Tert butyl alcohol
Concen: 110.222 ug/l
RT: 5.25 min Scan# 600
Delta R.T. -0.01 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD01

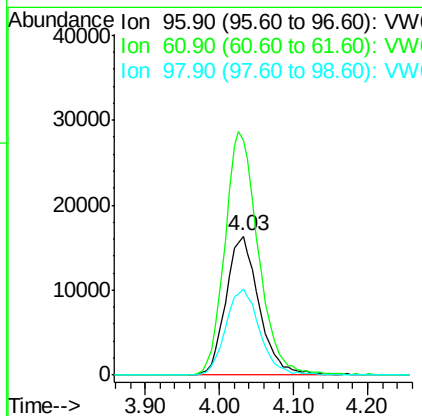
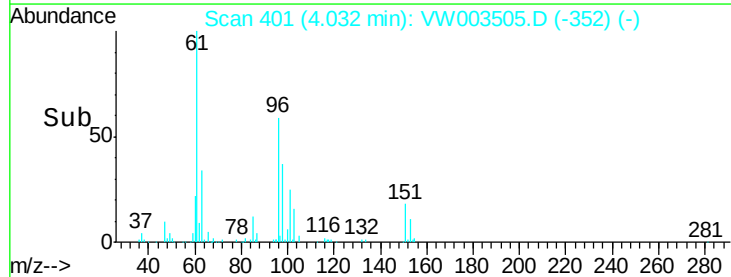
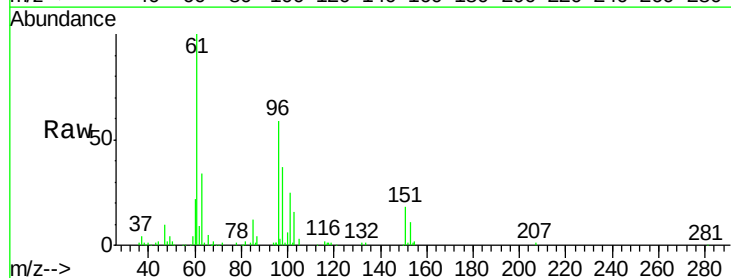
Tgt Ion: 59 Resp: 16869
Ion Ratio Lower Upper
59 100
57 4.5 4.2 6.2

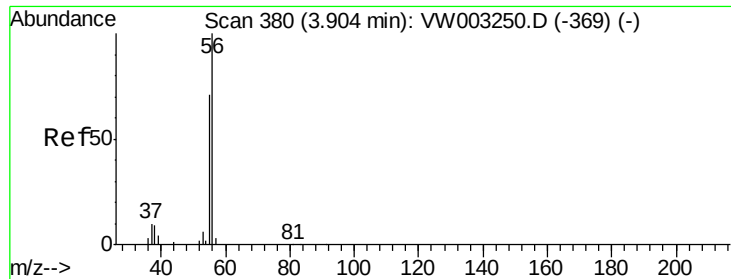


#12

1,1-Dichloroethene
Concen: 21.276 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Tgt Ion: 96 Resp: 50742
Ion Ratio Lower Upper
96 100
61 168.9 139.0 208.4
98 62.2 53.3 79.9





#13

Acrolein

Concen: 76.403 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

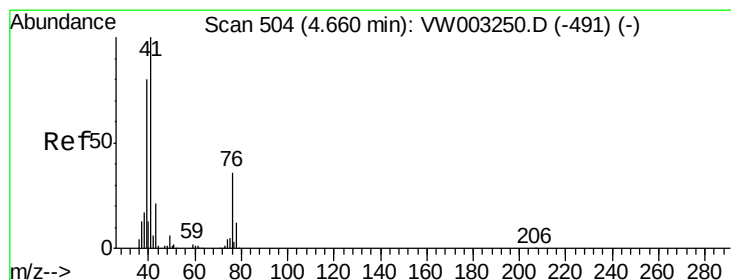
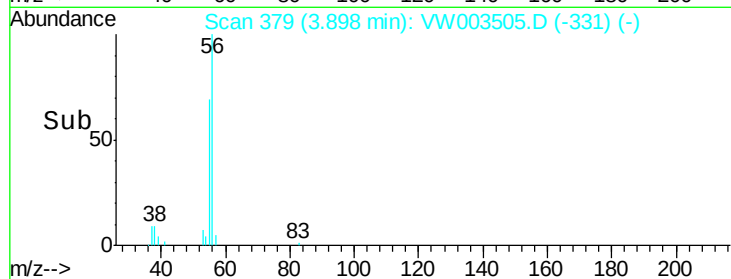
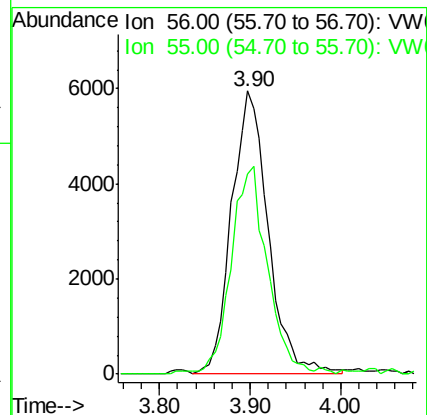
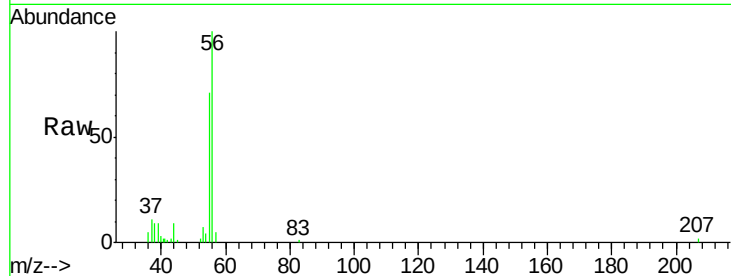
VW0624SBSD01

Tgt Ion: 56 Resp: 16718

Ion Ratio Lower Upper

56 100

55 72.4 55.4 83.2



#14

Allyl chloride

Concen: 21.300 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.01 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

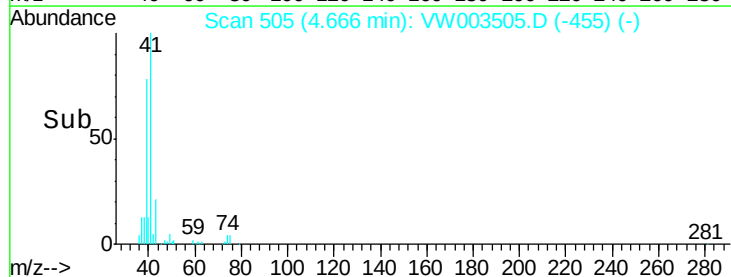
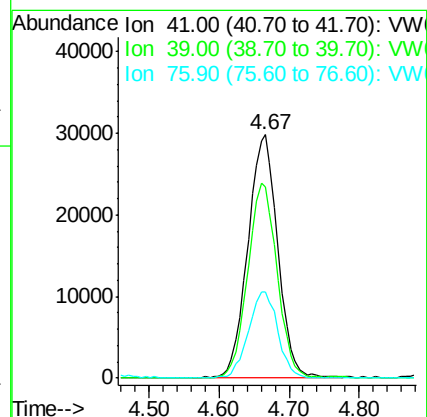
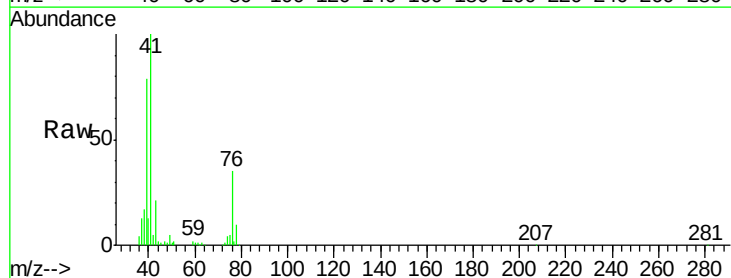
Tgt Ion: 41 Resp: 87994

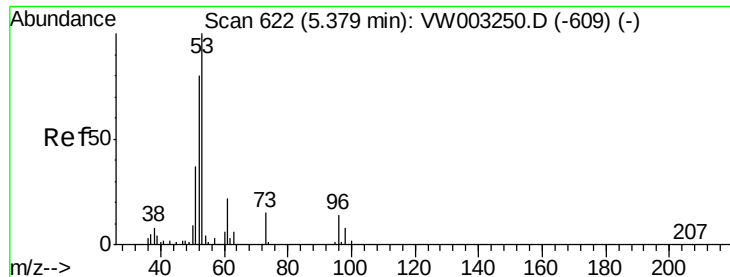
Ion Ratio Lower Upper

41 100

39 79.1 63.2 94.8

76 34.9 28.0 42.0





#15

Acrylonitrile

Concen: 105.845 ug/l

RT: 5.39 min Scan# 623

Delta R.T. 0.01 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD01

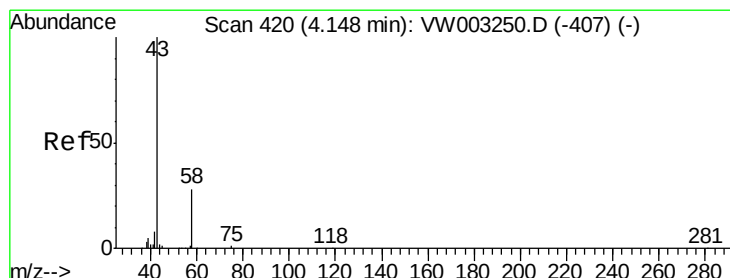
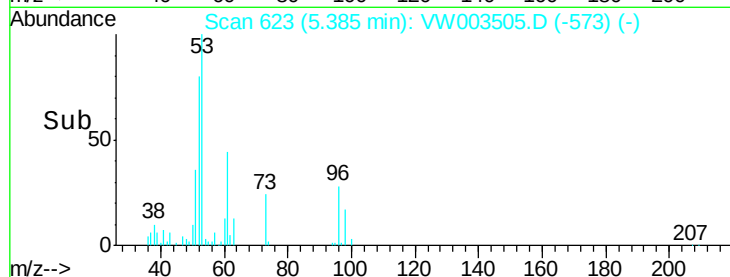
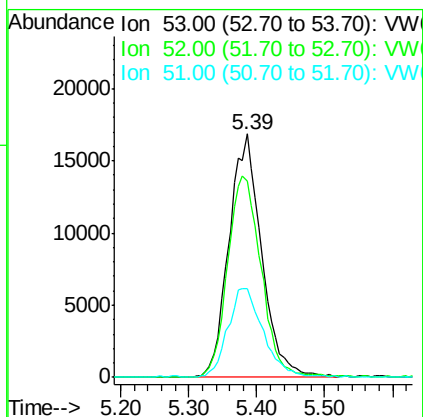
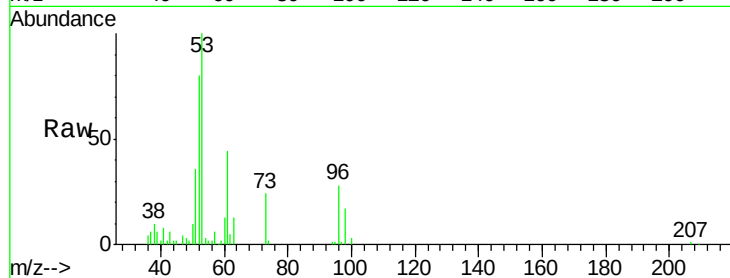
Tgt Ion: 53 Resp: 56225

Ion Ratio Lower Upper

53 100

52 85.0 66.6 100.0

51 39.2 30.6 46.0



#16

Acetone

Concen: 108.798 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003505.D

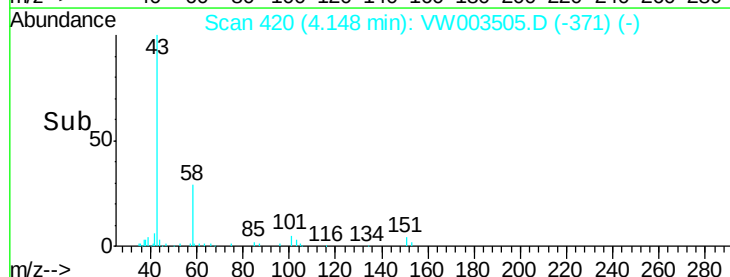
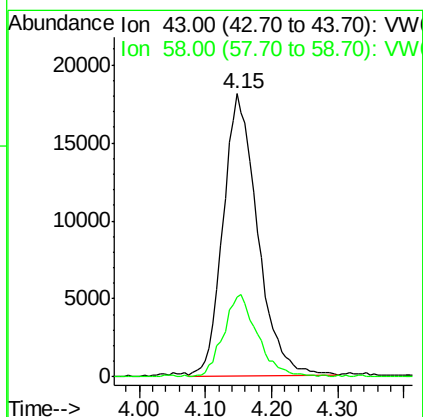
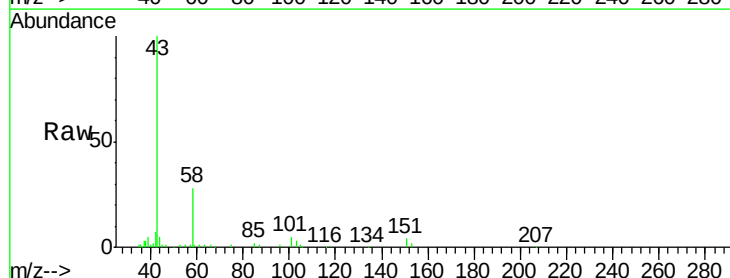
Acq: 24 Jun 2018 12:54

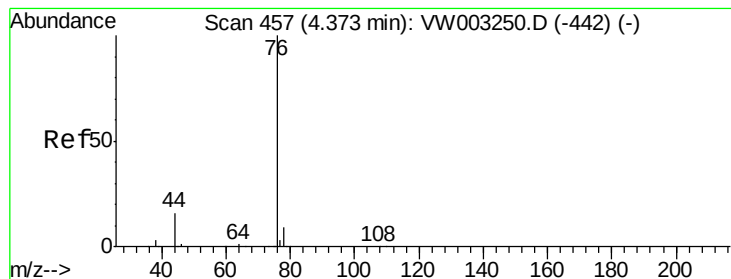
Tgt Ion: 43 Resp: 65116

Ion Ratio Lower Upper

43 100

58 28.3 22.6 34.0





#17

Carbon Disulfide

Concen: 20.900 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

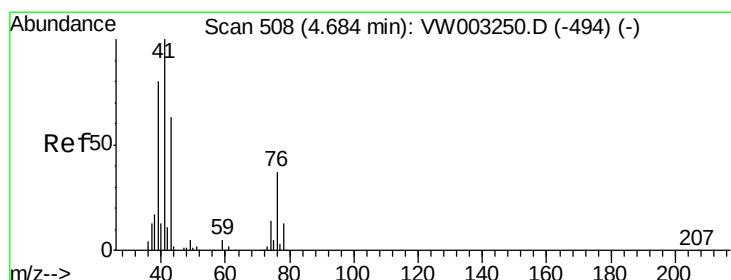
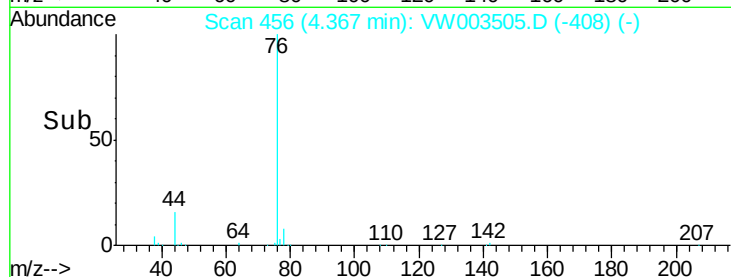
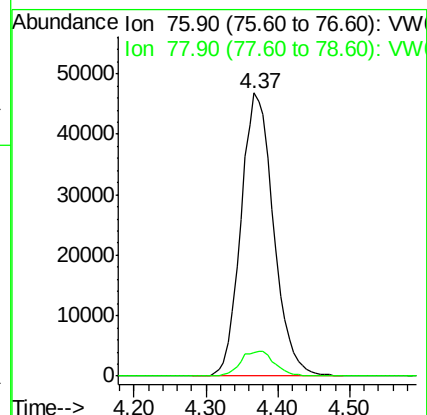
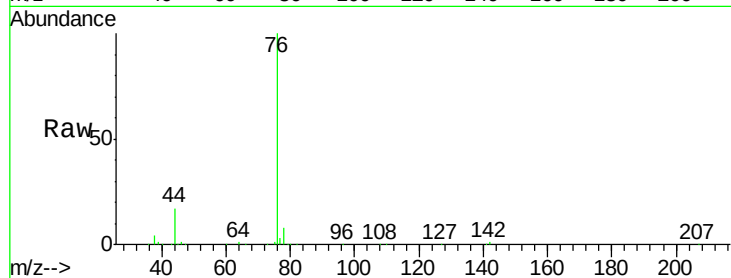
VW0624SBSD01

Tgt Ion: 76 Resp: 147365

Ion Ratio Lower Upper

76 100

78 8.5 7.1 10.7



#18

Methyl Acetate

Concen: 19.269 ug/l

RT: 4.68 min Scan# 508

Delta R.T. 0.00 min

Lab File: VW003505.D

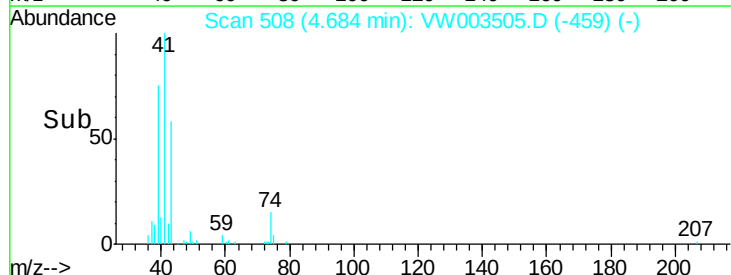
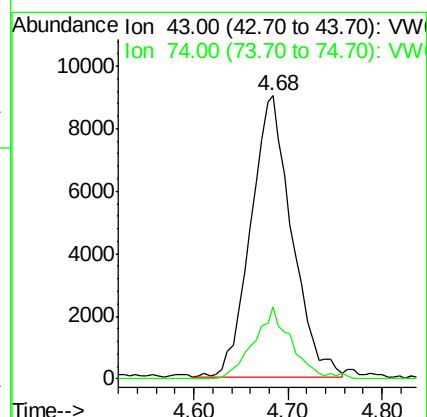
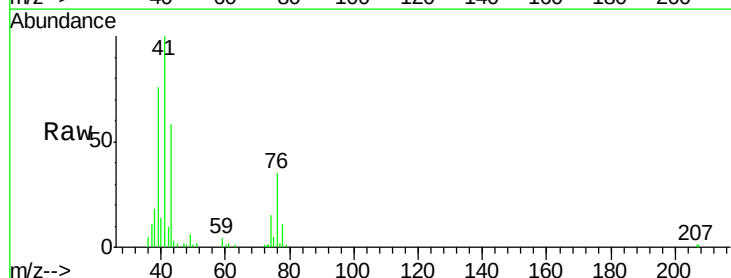
Acq: 24 Jun 2018 12:54

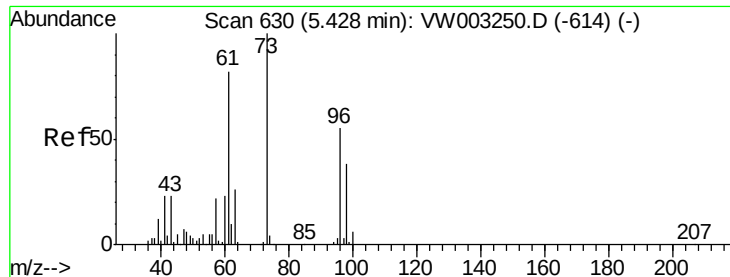
Tgt Ion: 43 Resp: 27358

Ion Ratio Lower Upper

43 100

74 23.0 18.7 28.1

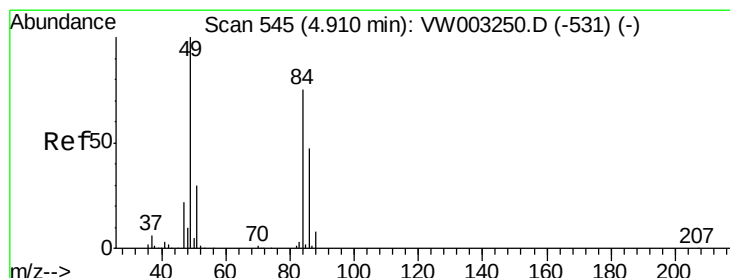
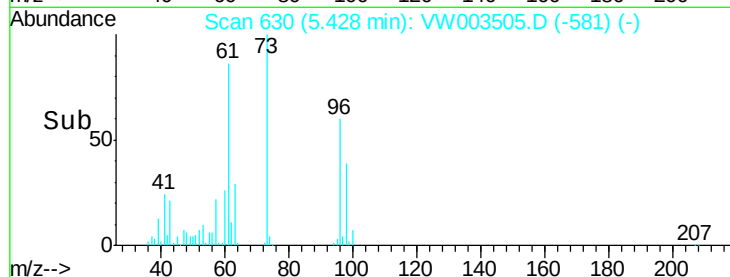
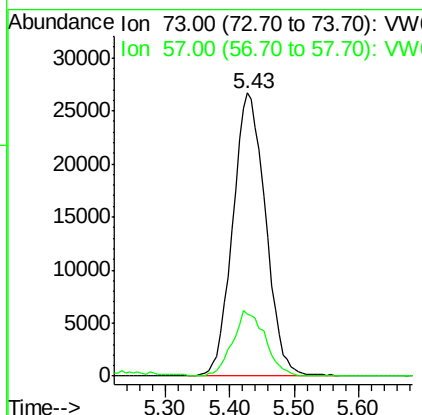
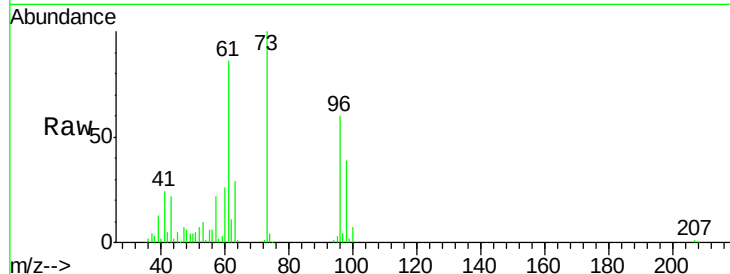




#19
Methyl tert-butyl Ether
Concen: 21.053 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

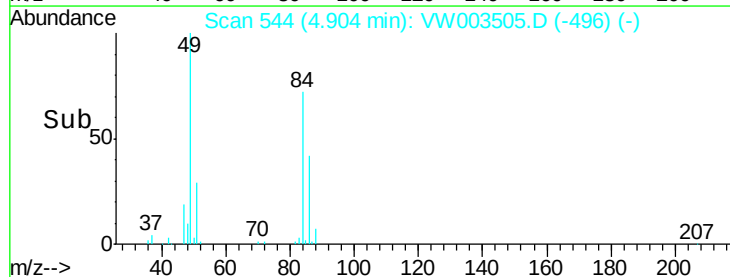
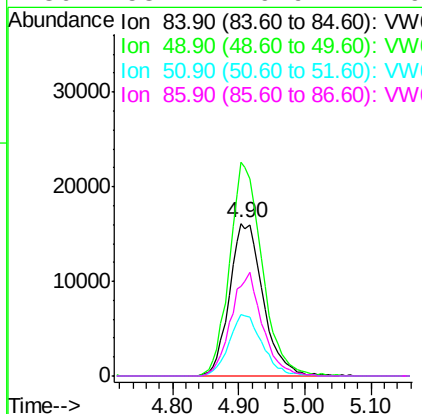
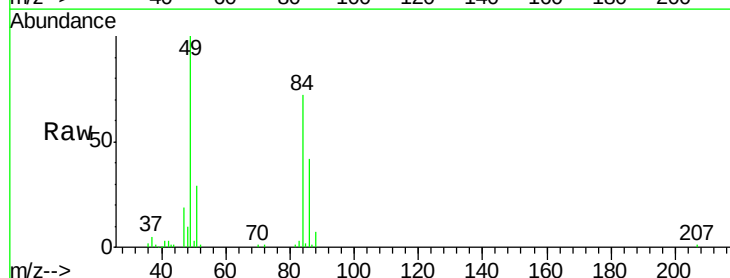
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD01

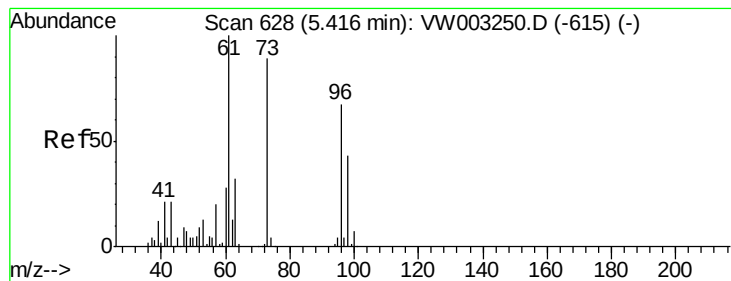
Tgt Ion: 73 Resp: 94041
Ion Ratio Lower Upper
73 100
57 21.9 18.0 27.0



#20
Methylene Chloride
Concen: 20.131 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Tgt Ion: 84 Resp: 56755
Ion Ratio Lower Upper
84 100
49 139.8 106.3 159.5
51 40.0 32.0 48.0
86 58.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 21.279 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD01

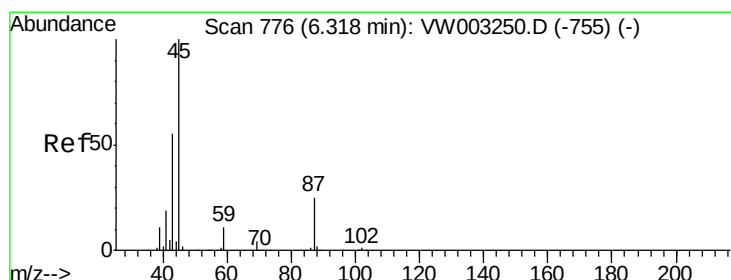
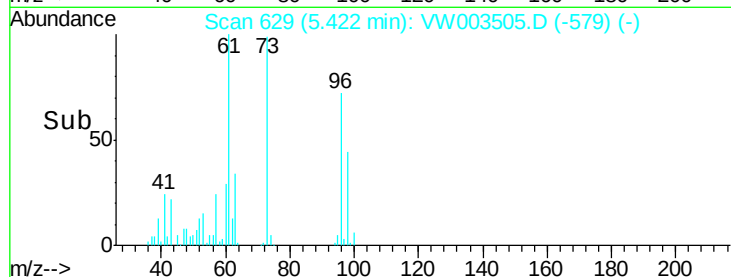
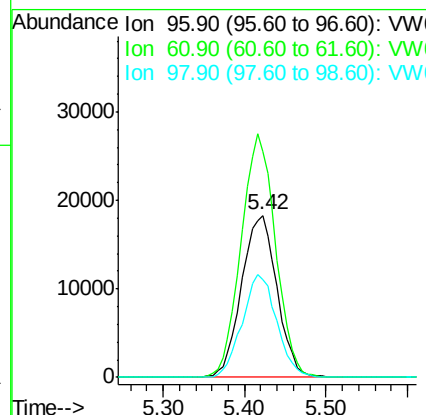
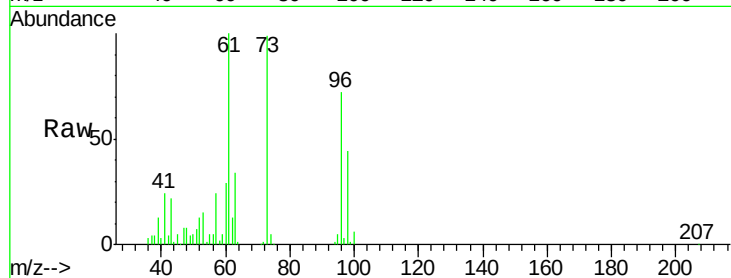
Tgt Ion: 96 Resp: 55231

Ion Ratio Lower Upper

96 100

61 138.8 118.7 178.1

98 60.5 51.0 76.6



#22

Diisopropyl ether

Concen: 21.715 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.01 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Tgt Ion: 45 Resp: 180544

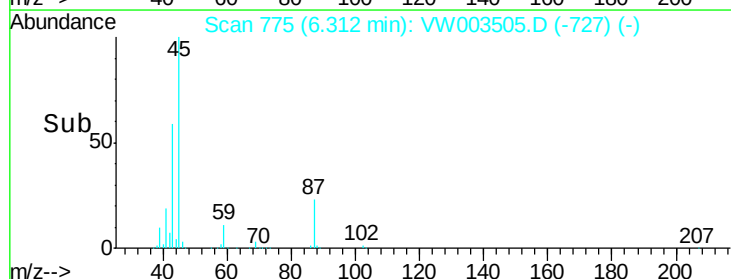
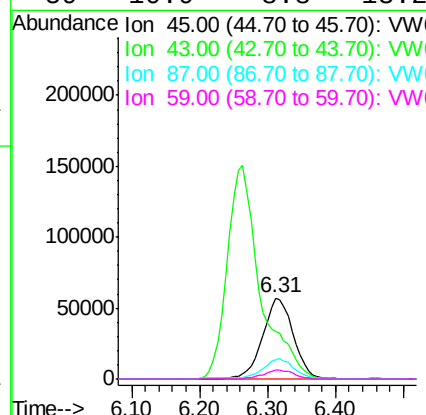
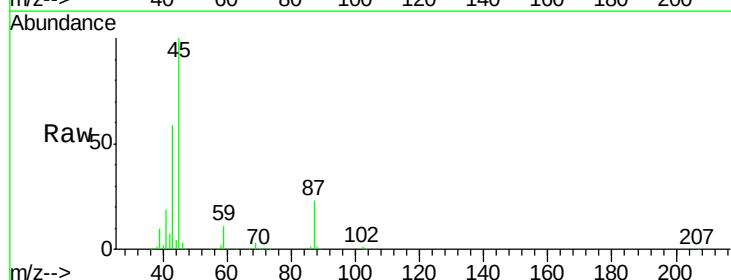
Ion Ratio Lower Upper

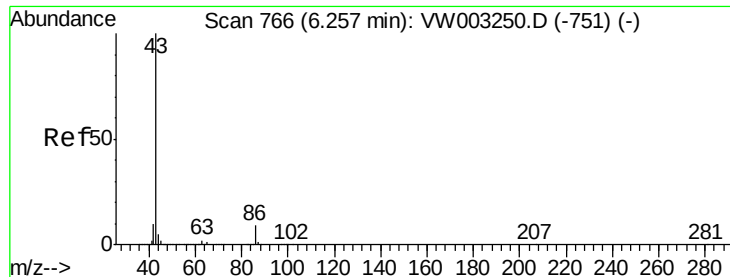
45 100

43 58.4 44.0 66.0

87 23.0 20.6 31.0

59 10.9 8.8 13.2

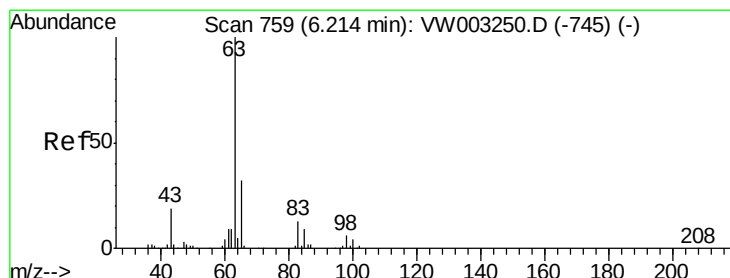
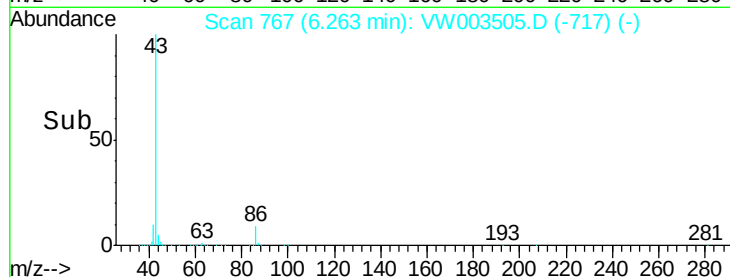
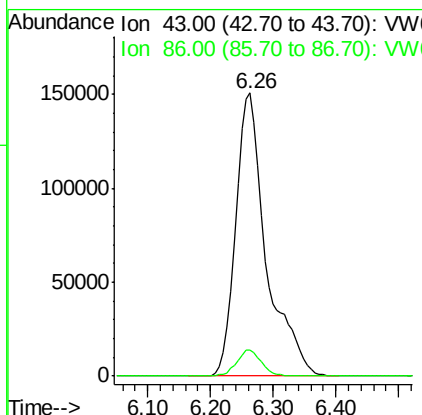
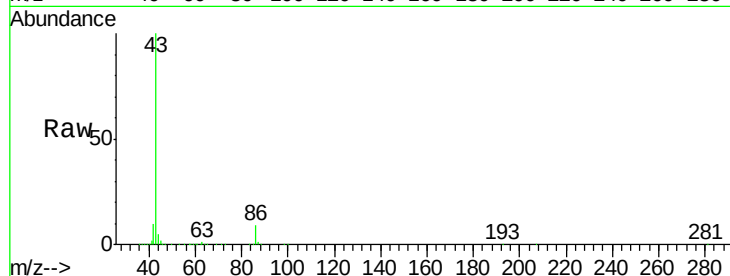




#23
 Vinyl Acetate
 Concen: 105.858 ug/l
 RT: 6.26 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

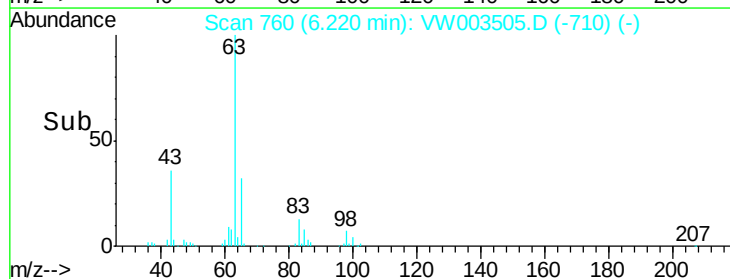
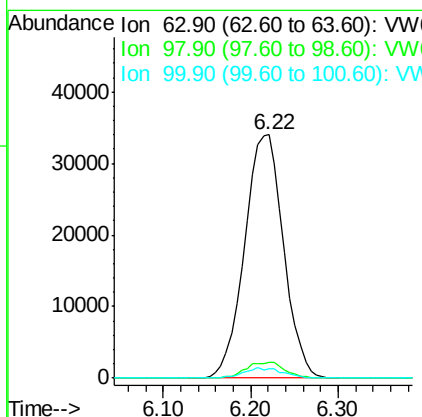
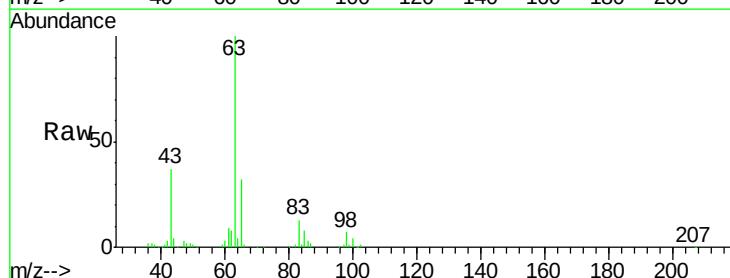
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD01

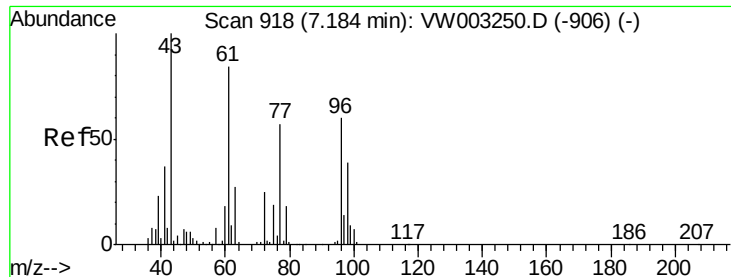
Tgt Ion: 43 Resp: 507196
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 21.334 ug/l
 RT: 6.22 min Scan# 760
 Delta R.T. 0.01 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

Tgt Ion: 63 Resp: 105303
 Ion Ratio Lower Upper
 63 100
 98 6.7 2.8 8.3
 100 3.9 2.1 6.5





#25

2-Butanone

Concen: 109.009 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

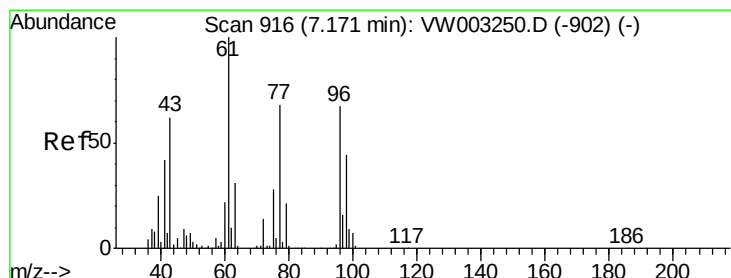
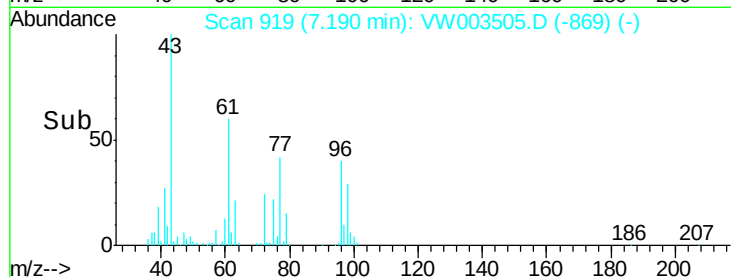
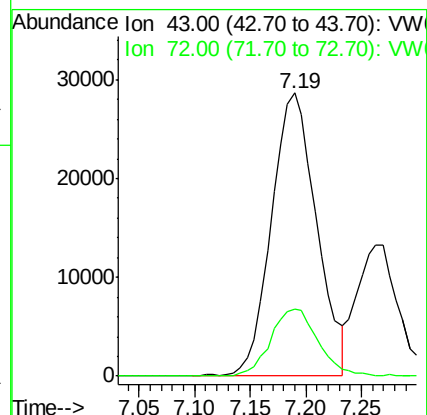
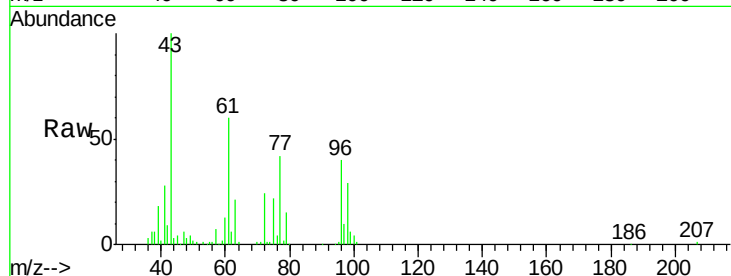
VW0624SBSD01

Tgt Ion: 43 Resp: 81127

Ion Ratio Lower Upper

43 100

72 23.9 20.3 30.5



#26

2,2-Dichloropropane

Concen: 21.410 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003505.D

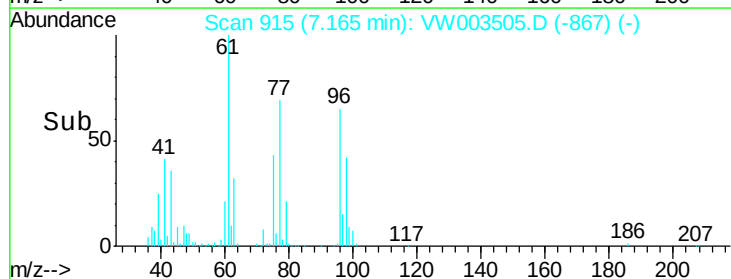
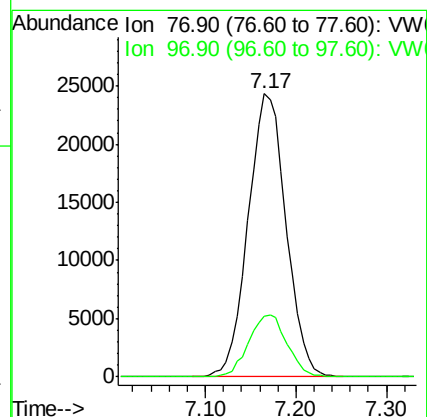
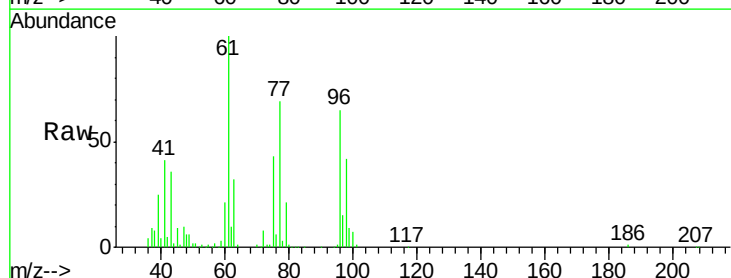
Acq: 24 Jun 2018 12:54

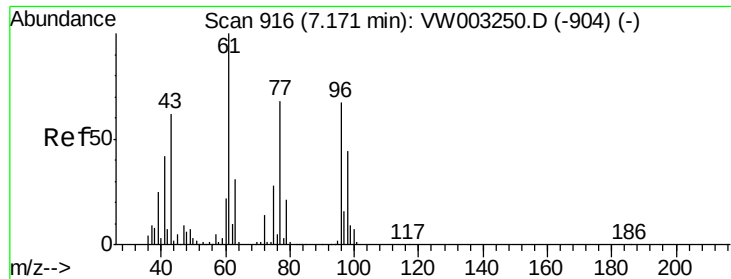
Tgt Ion: 77 Resp: 70526

Ion Ratio Lower Upper

77 100

97 22.1 11.3 33.9



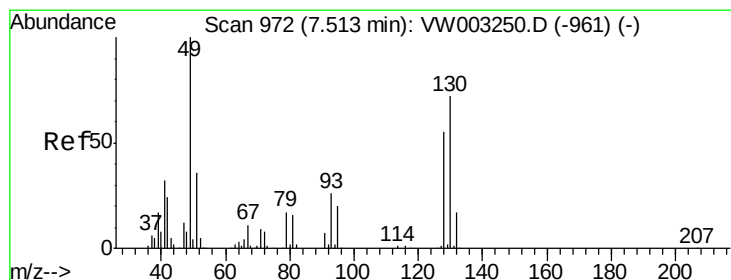
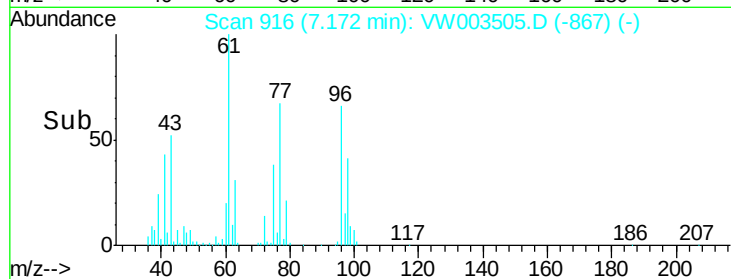
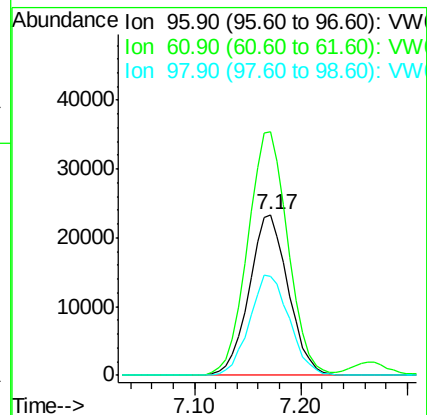
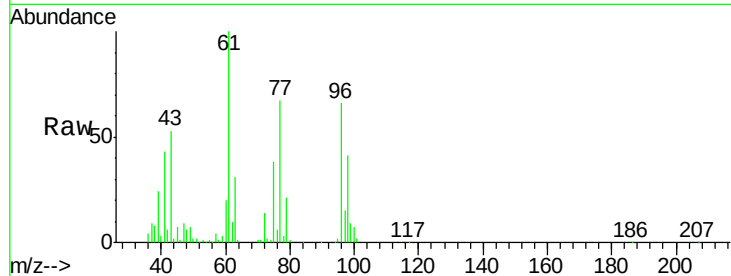


#27

cis-1,2-Dichloroethene
Concen: 21.037 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD01

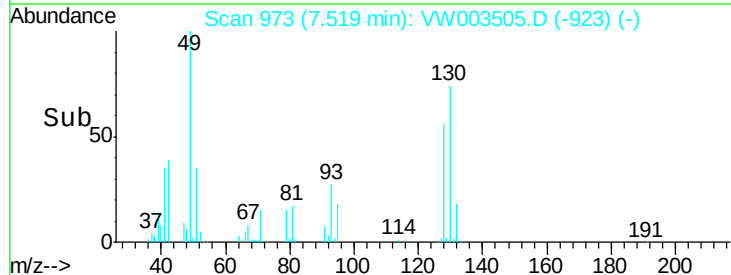
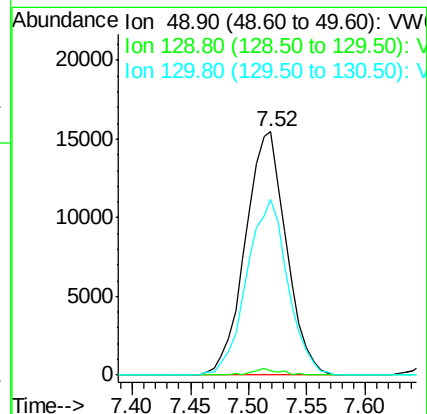
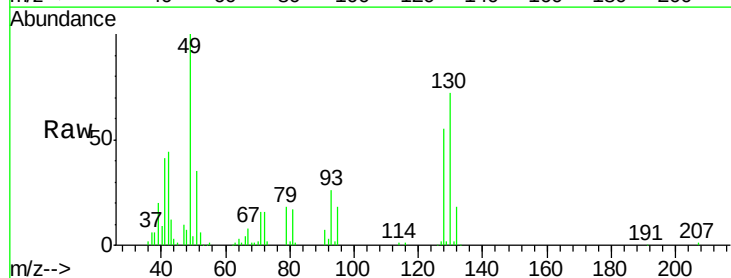
Tgt Ion: 96 Resp: 59985
Ion Ratio Lower Upper
96 100
61 156.5 0.0 298.8
98 63.9 0.0 130.4

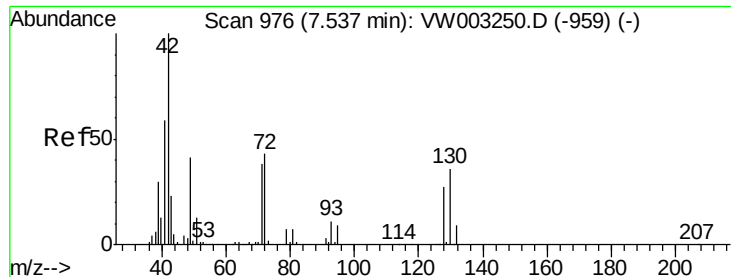


#28

Bromochloromethane
Concen: 18.485 ug/l
RT: 7.52 min Scan# 973
Delta R.T. 0.01 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Tgt Ion: 49 Resp: 37967
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.6
130 72.4 59.4 89.2

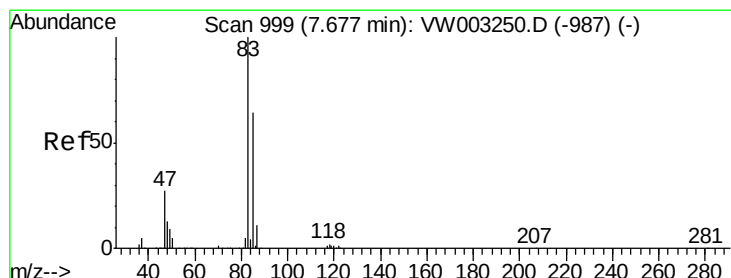
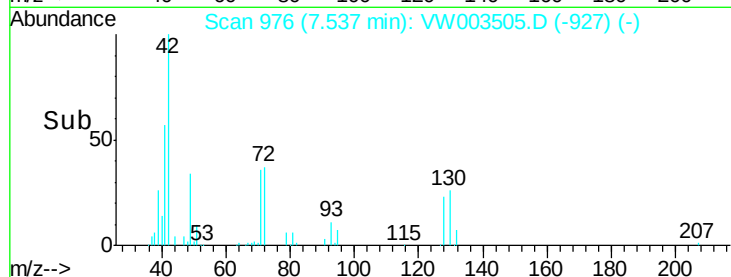
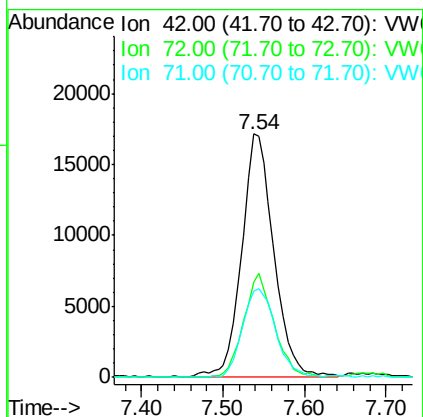
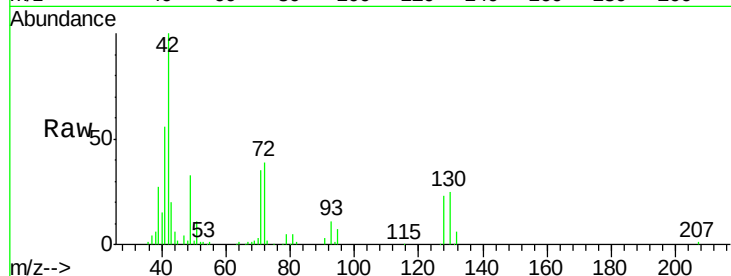




#29
Tetrahydrofuran
Concen: 103.376 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

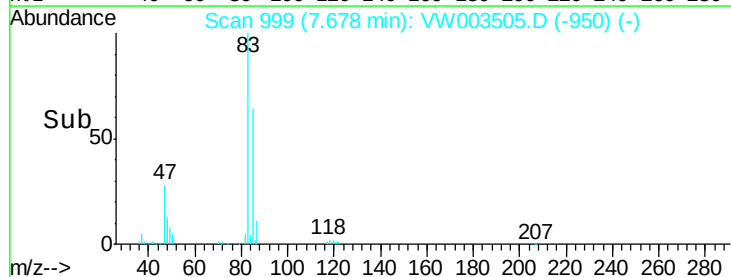
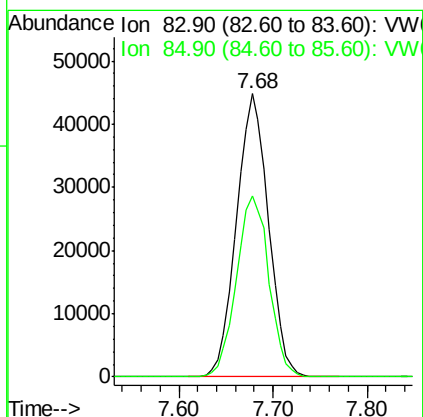
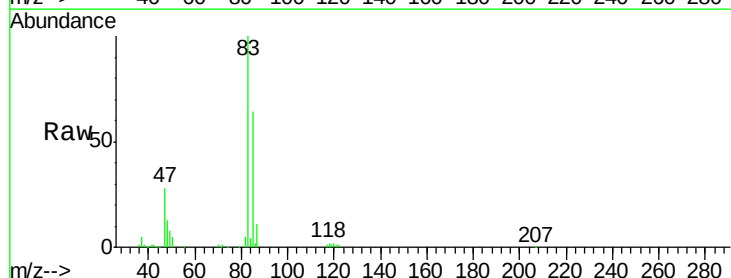
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD01

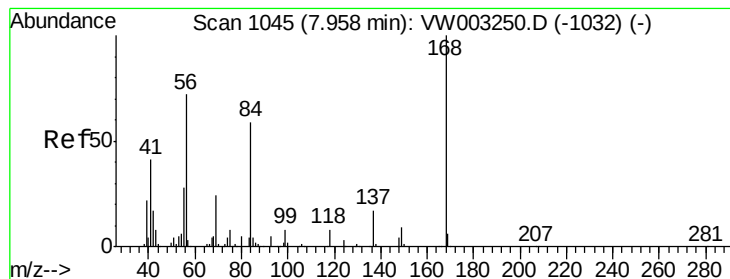
Tgt Ion: 42 Resp: 47020
Ion Ratio Lower Upper
42 100
72 40.3 32.4 48.6
71 37.6 31.2 46.8



#30
Chloroform
Concen: 20.993 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Tgt Ion: 83 Resp: 105566
Ion Ratio Lower Upper
83 100
85 64.0 51.3 76.9





#31

Cyclohexane

Concen: 21.427 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Instrument :

MSVOA_W

ClientSampled :

VW0624SBSD01

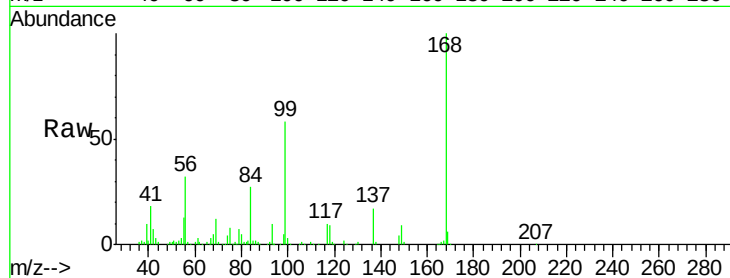
Tgt Ion: 56 Resp: 98807

Ion Ratio Lower Upper

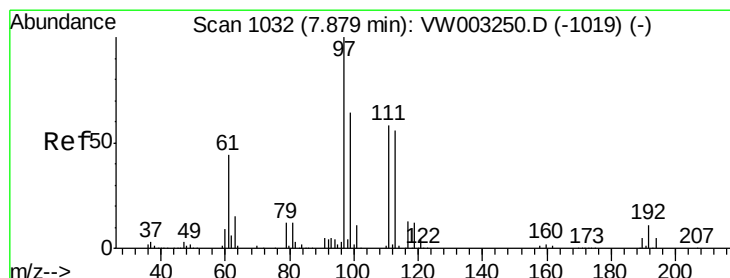
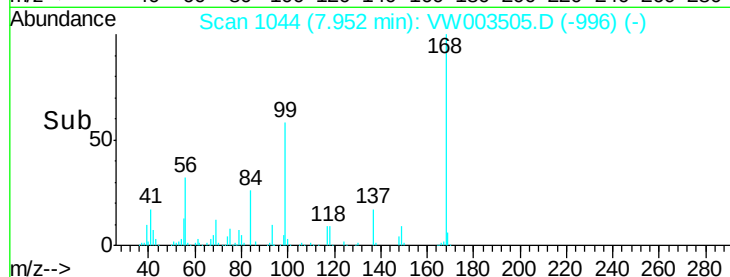
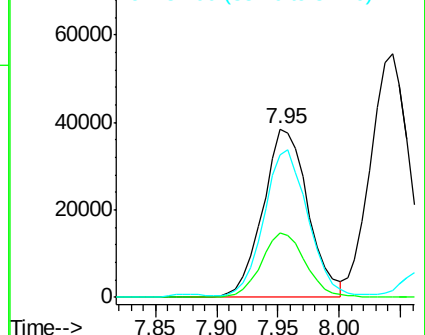
56 100

69 38.3 26.3 39.5

84 82.6 65.7 98.5



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 21.307 ug/l

RT: 7.88 min Scan# 1032

Delta R.T. 0.00 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

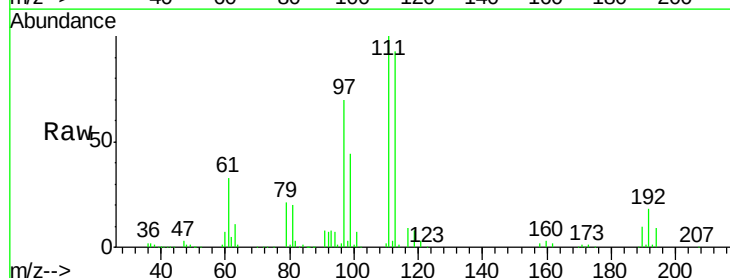
Tgt Ion: 97 Resp: 88441

Ion Ratio Lower Upper

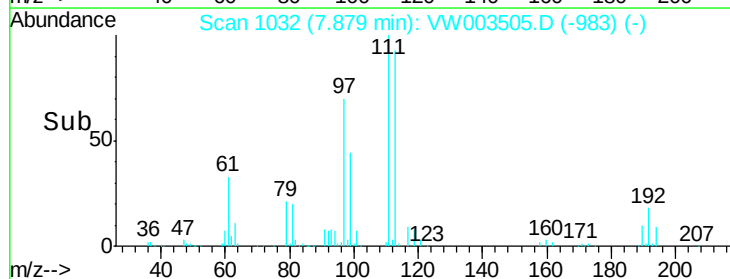
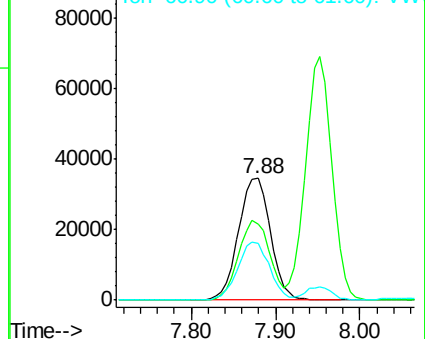
97 100

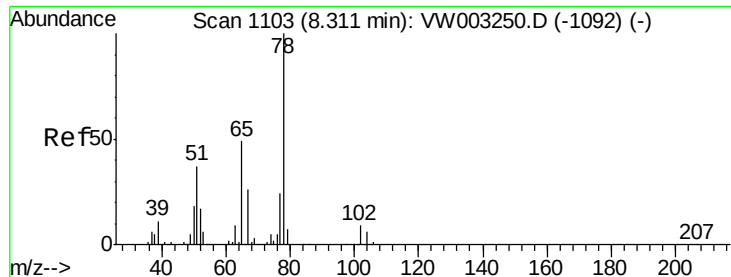
99 64.2 51.7 77.5

61 47.1 37.6 56.4



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

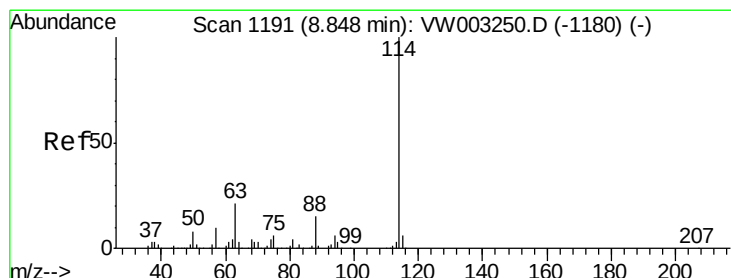
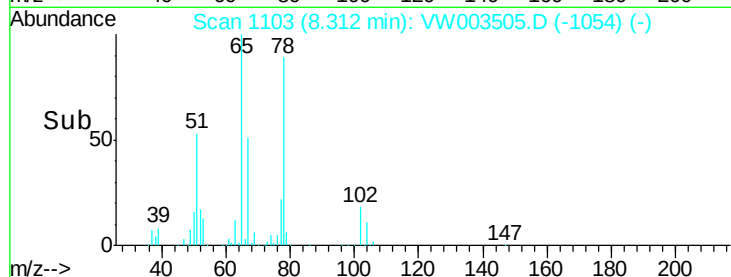
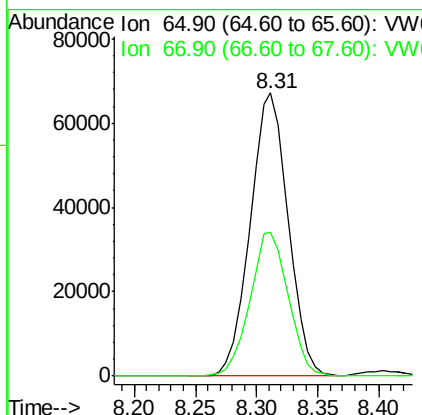
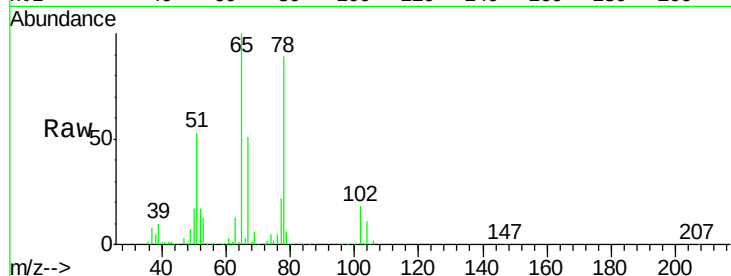




#33
 1,2-Dichloroethane-d4
 Concen: 50.803 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

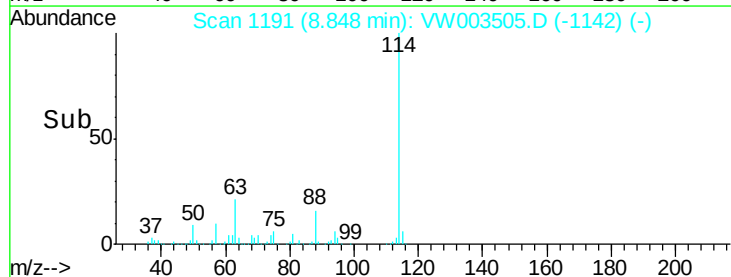
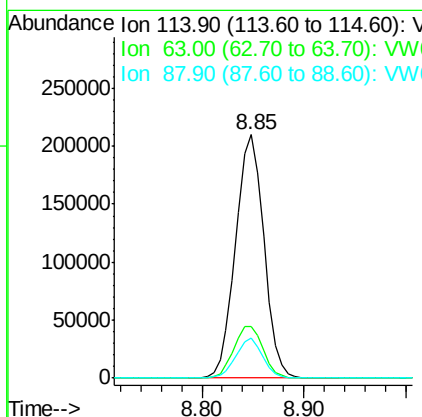
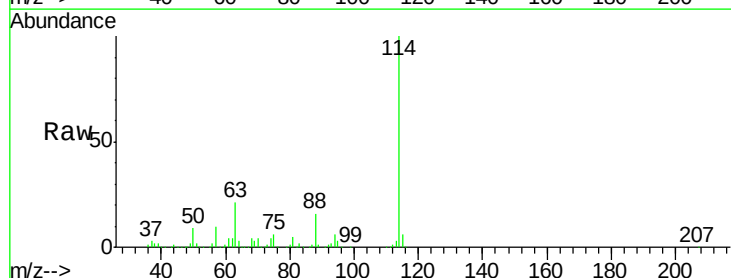
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD01

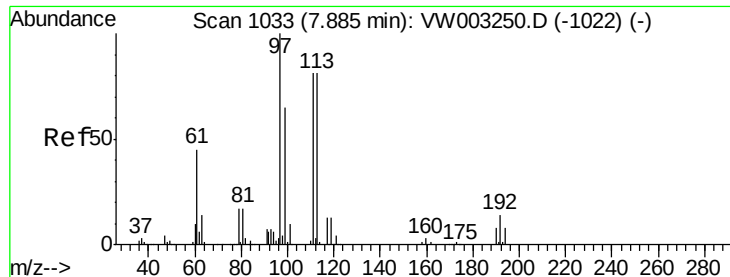
Tgt Ion: 65 Resp: 144975
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

Tgt Ion: 114 Resp: 403149
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.0
 88 16.3 0.0 29.6

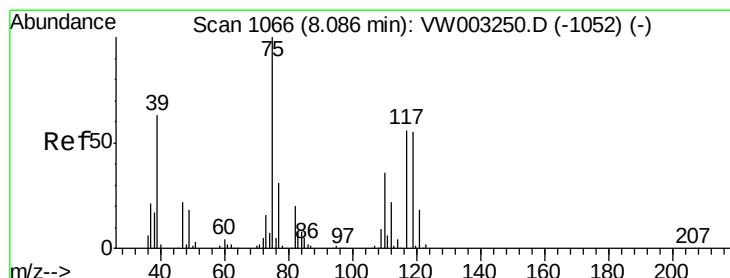
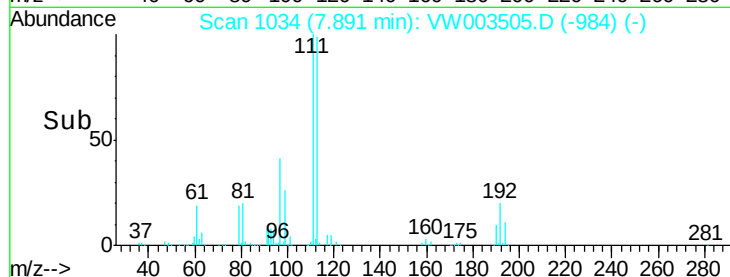
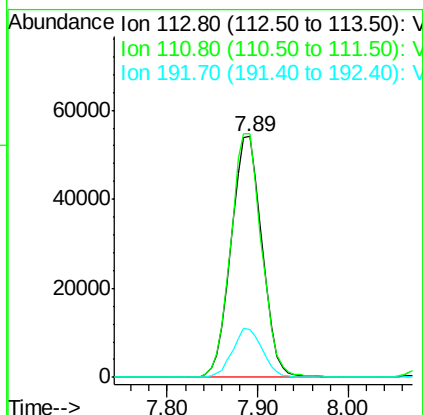
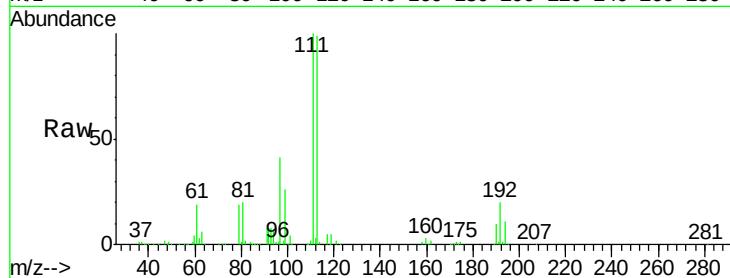




#35
 Dibromofluoromethane
 Concen: 51.227 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

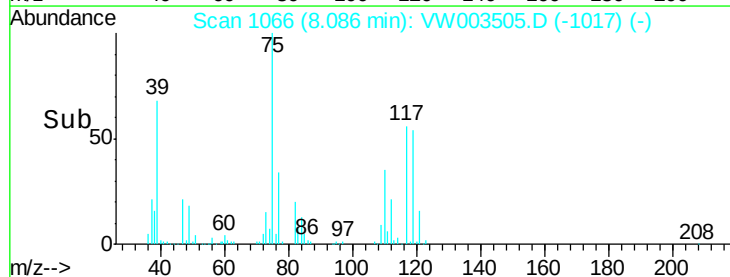
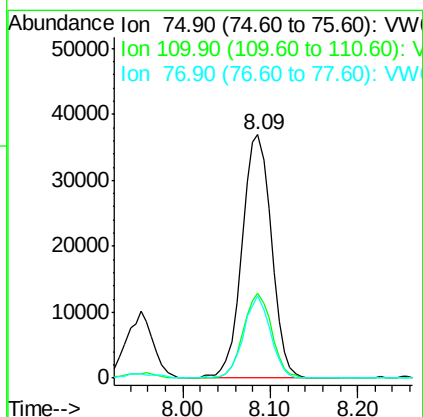
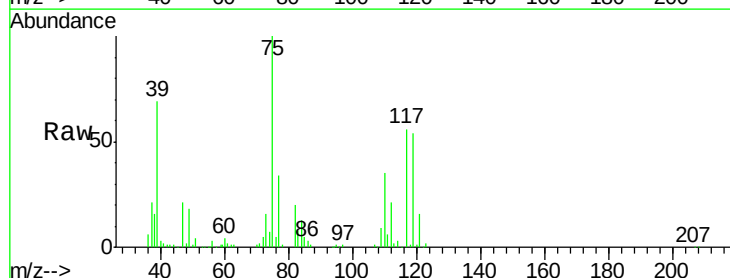
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD01

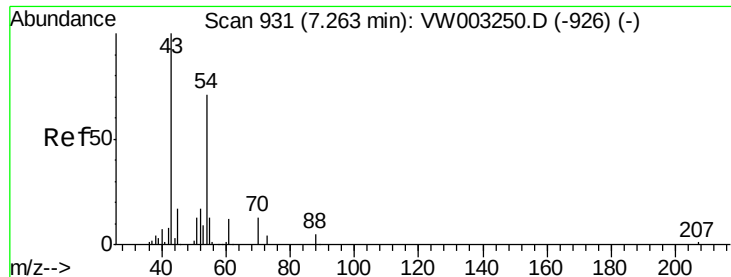
Tgt Ion: 113 Resp: 128326
 Ion Ratio Lower Upper
 113 100
 111 101.1 82.2 123.2
 192 19.7 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 22.177 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

Tgt Ion: 75 Resp: 86345
 Ion Ratio Lower Upper
 75 100
 110 33.5 17.1 51.3
 77 31.0 24.9 37.3

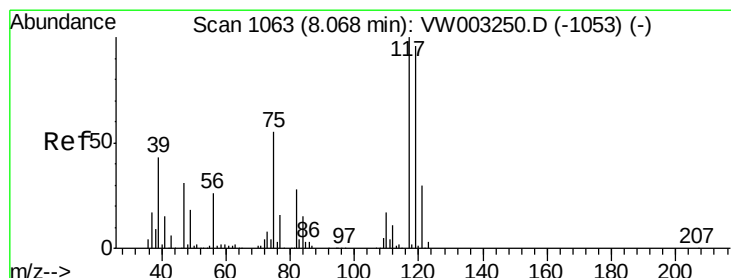
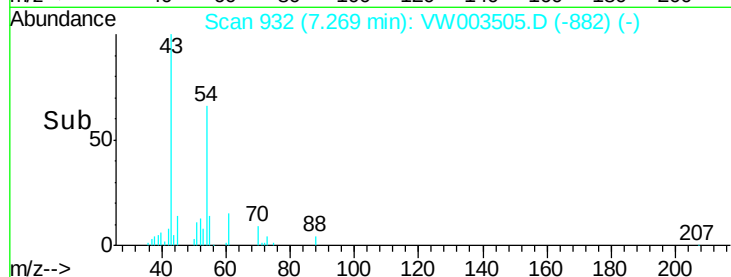
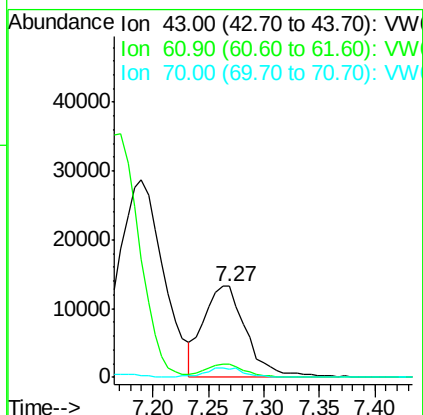
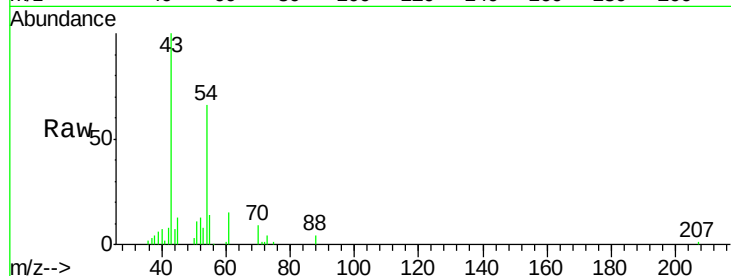




#37
Ethyl Acetate
Concen: 21.762 ug/l
RT: 7.27 min Scan# 932
Delta R.T. 0.01 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

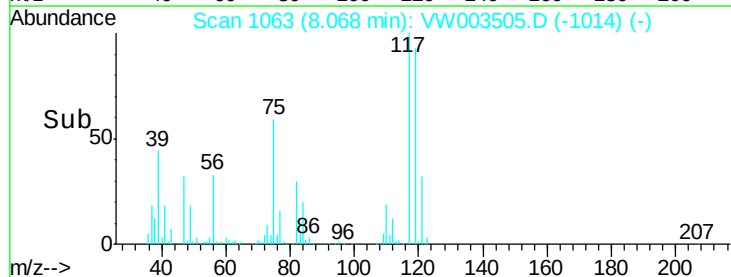
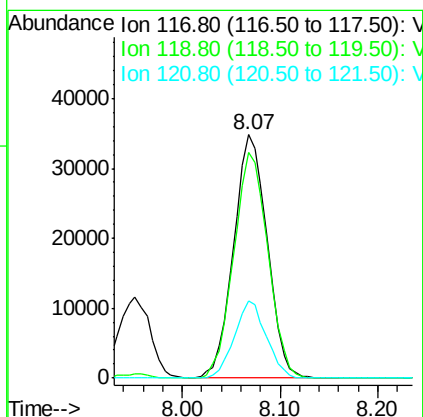
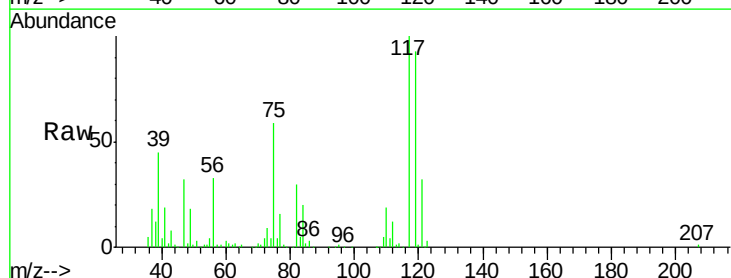
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD01

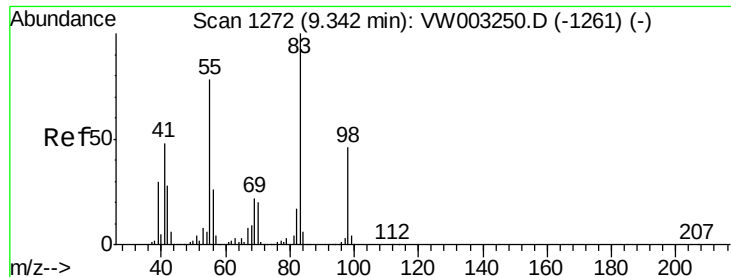
Tgt Ion: 43 Resp: 35101
Ion Ratio Lower Upper
43 100
61 13.7 10.8 16.2
70 10.0 7.8 11.6



#38
Carbon Tetrachloride
Concen: 21.738 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Tgt Ion: 117 Resp: 83018
Ion Ratio Lower Upper
117 100
119 92.7 76.6 115.0
121 31.8 23.9 35.9

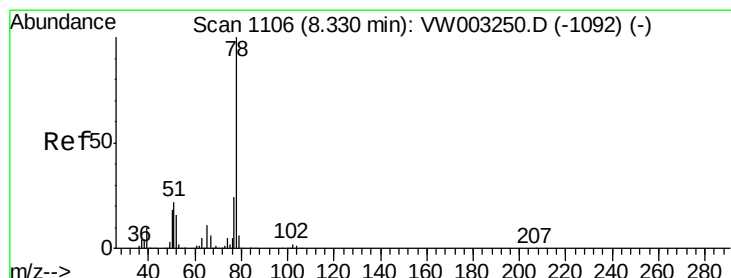
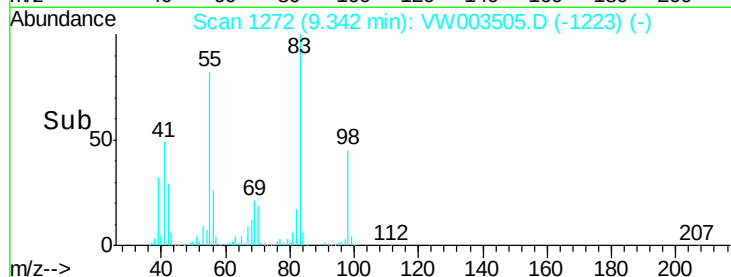
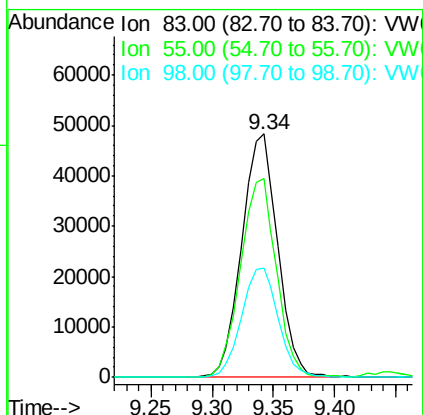
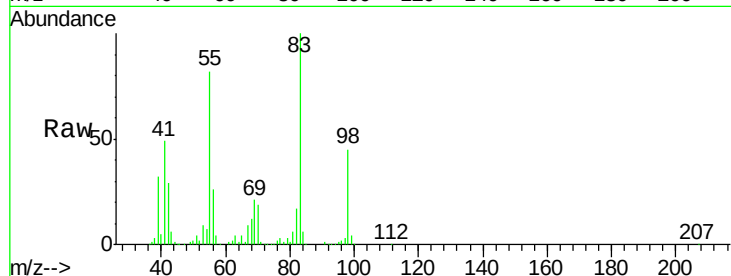




#39
Methylcyclohexane
Concen: 21.938 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

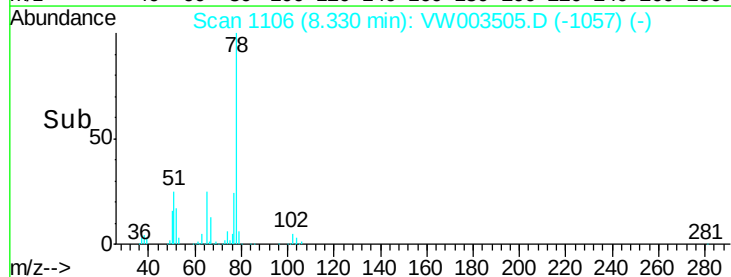
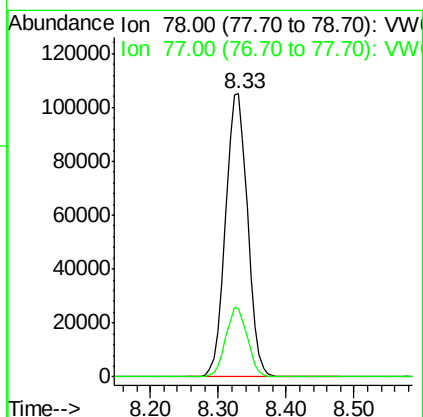
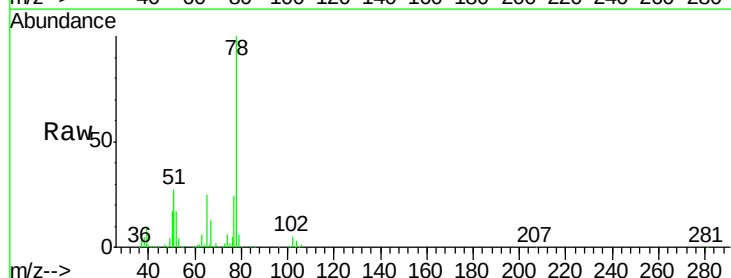
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD01

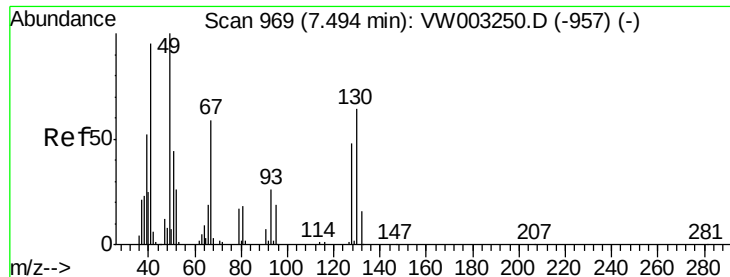
Tgt Ion: 83 Resp: 98830
Ion Ratio Lower Upper
83 100
55 81.8 62.6 93.8
98 44.8 37.0 55.4



#40
Benzene
Concen: 21.943 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Tgt Ion: 78 Resp: 235485
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.6

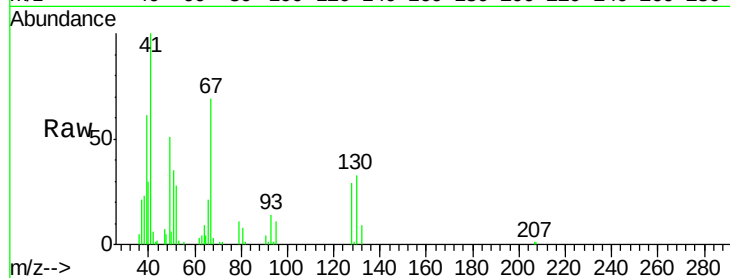




#41
Methacrylonitrile
Concen: 20.459 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD01

Tgt Ion:	41	Resp:	20250
Ion	Ratio	Lower	Upper
41	100		
39	57.6	45.8	68.8
67	67.8	52.3	78.5
52	31.1	24.1	36.1



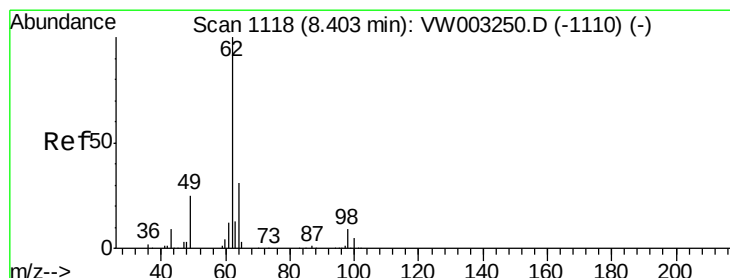
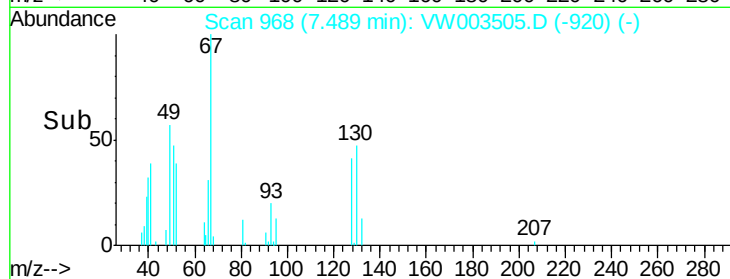
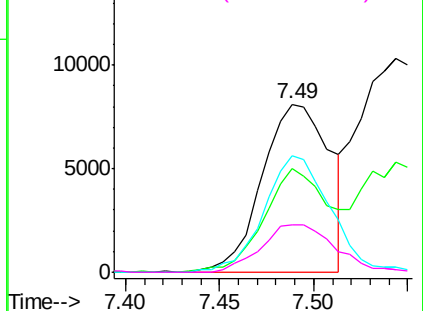
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

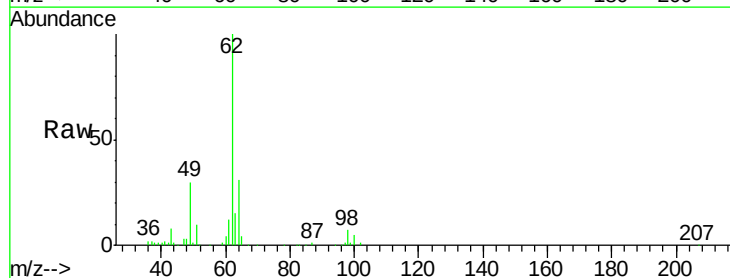
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 21.537 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

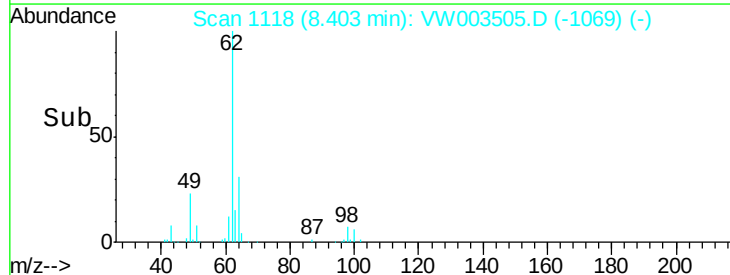
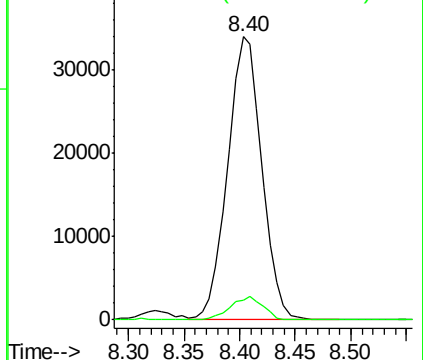
Tgt Ion:	62	Resp:	72415
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.2

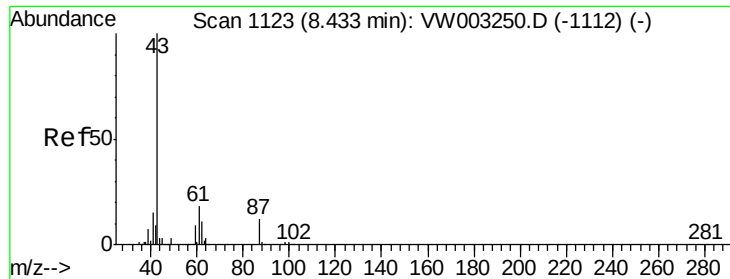


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 20.807 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD01

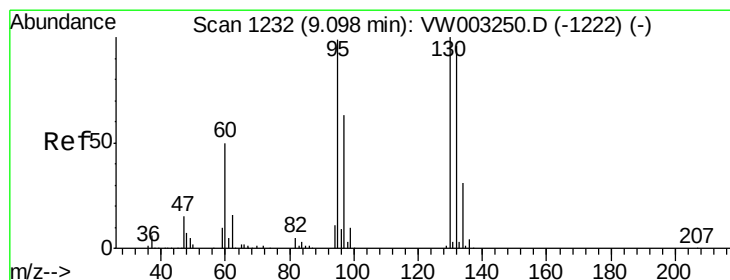
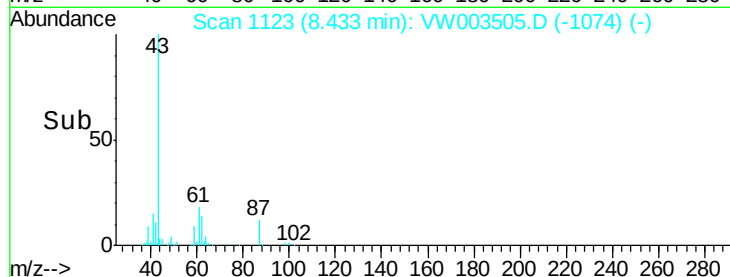
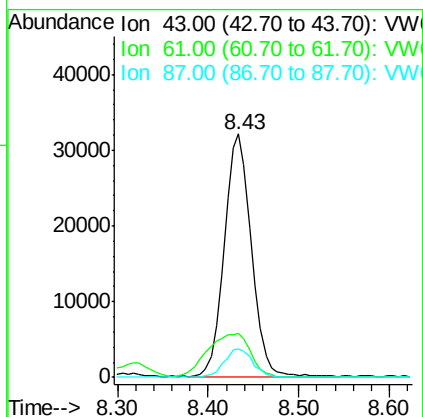
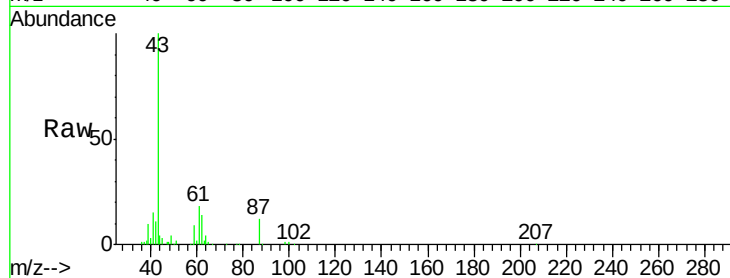
Tgt Ion: 43 Resp: 66639

Ion Ratio Lower Upper

43 100

61 28.8 23.1 34.7

87 12.3 9.8 14.6



#44

Trichloroethene

Concen: 21.352 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VW003505.D

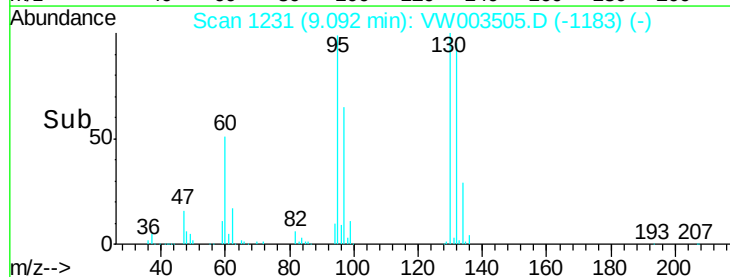
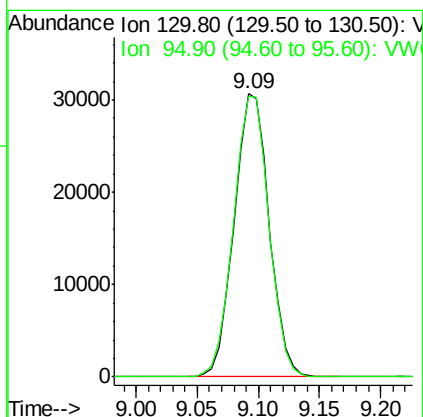
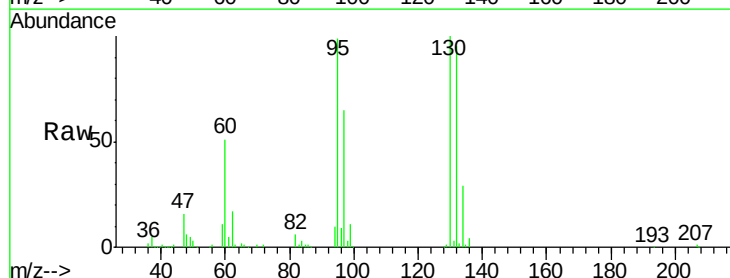
Acq: 24 Jun 2018 12:54

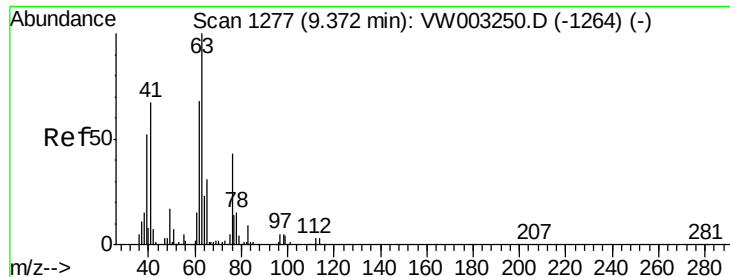
Tgt Ion: 130 Resp: 60718

Ion Ratio Lower Upper

130 100

95 99.4 0.0 198.0

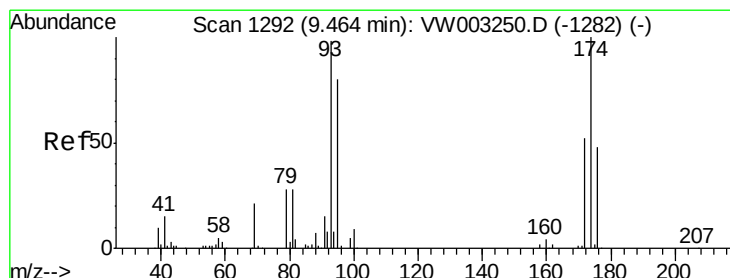
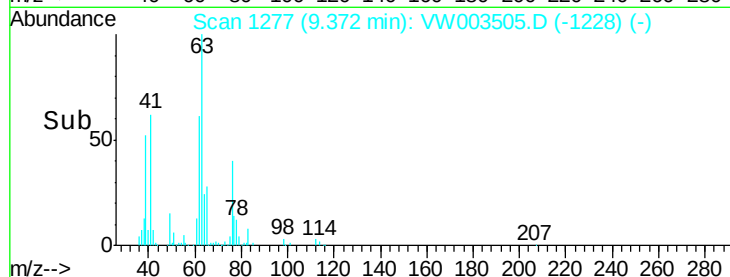
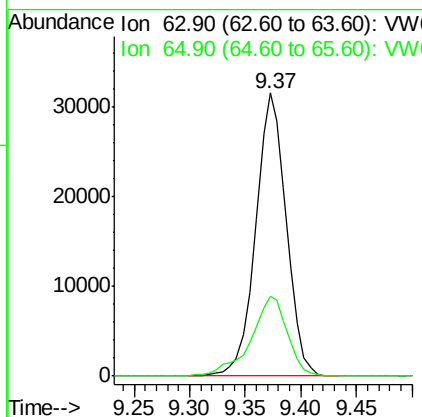
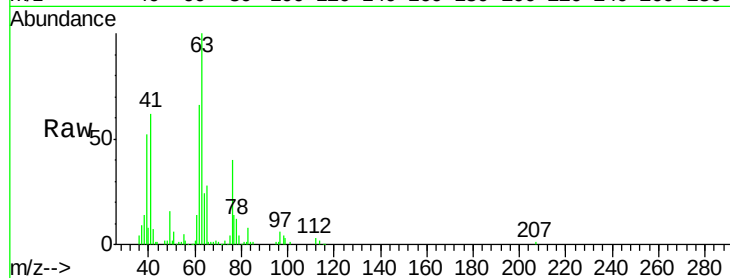




#45
 1,2-Dichloropropane
 Concen: 22.050 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

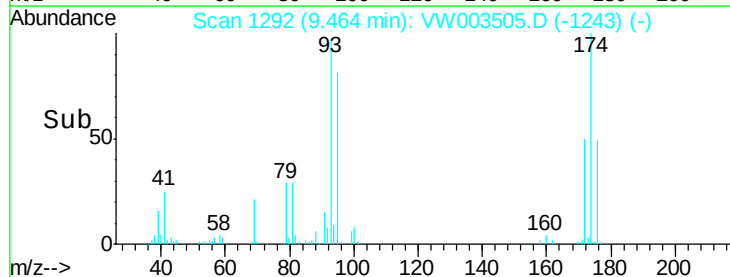
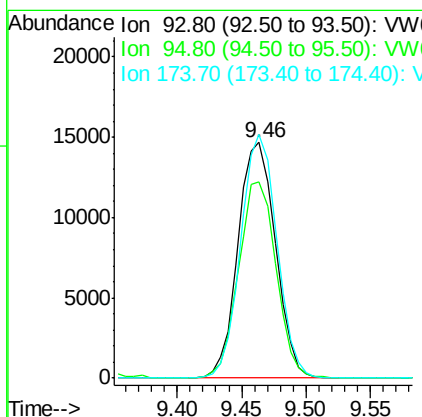
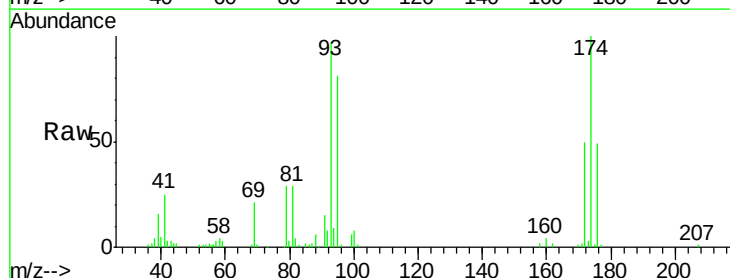
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD01

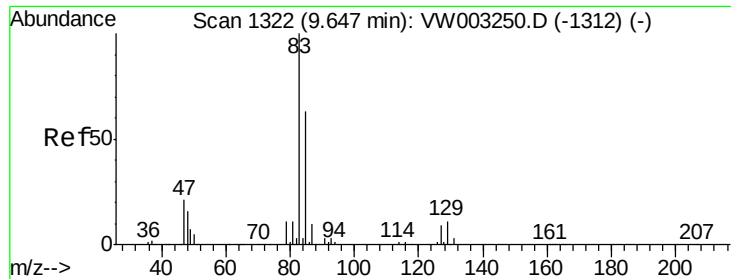
Tgt Ion: 63 Resp: 60251
 Ion Ratio Lower Upper
 63 100
 65 28.3 25.1 37.7



#46
 Dibromomethane
 Concen: 21.151 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

Tgt Ion: 93 Resp: 29589
 Ion Ratio Lower Upper
 93 100
 95 83.3 65.8 98.8
 174 99.7 81.4 122.0

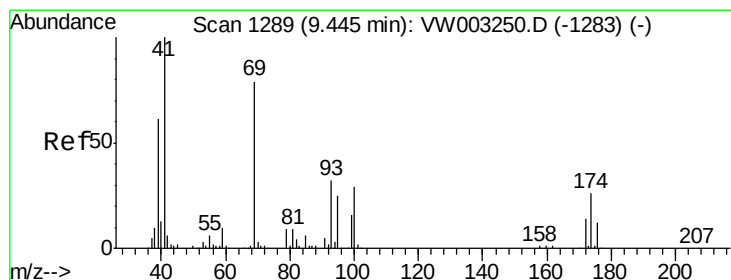
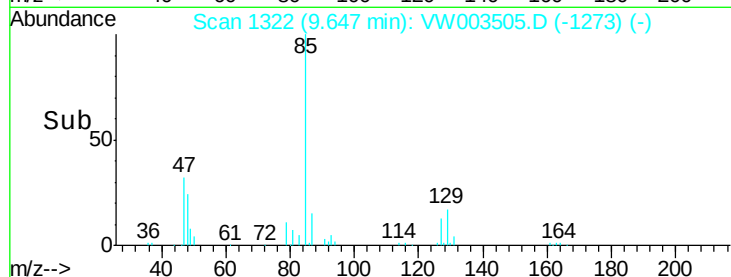
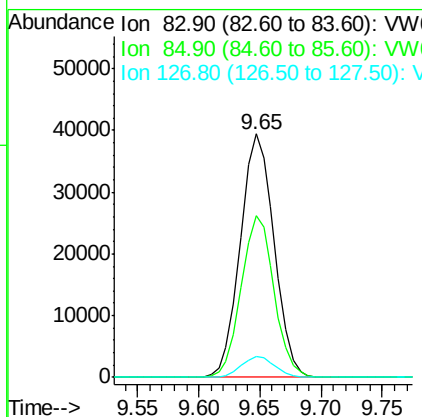
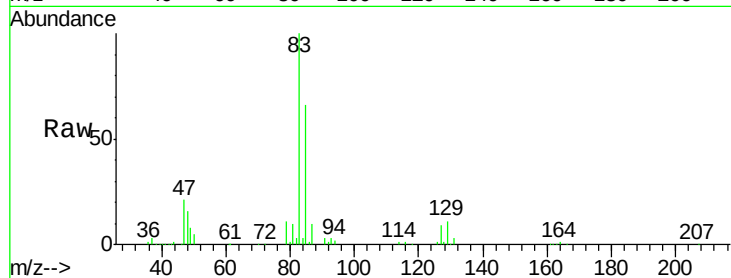




#47
Bromodichloromethane
Concen: 21.096 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

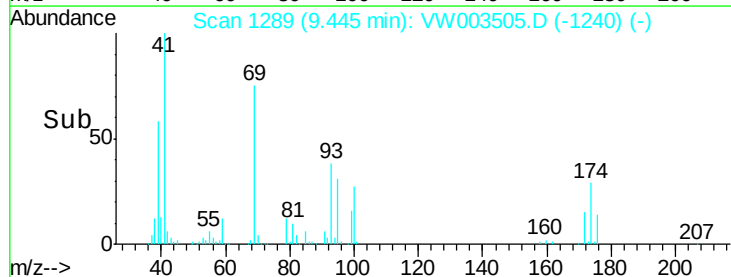
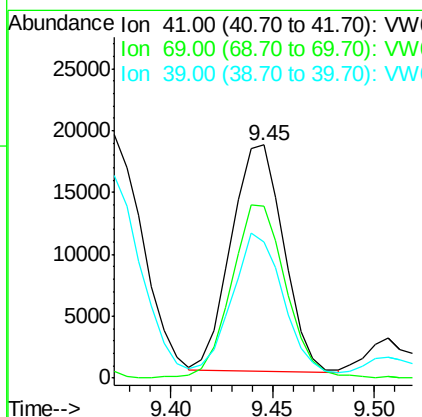
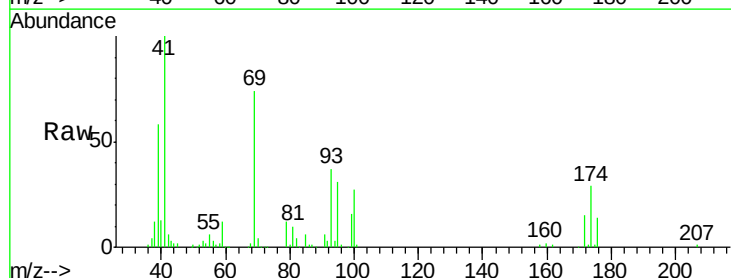
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD01

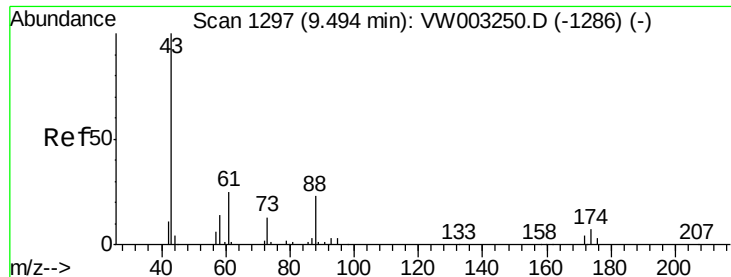
Tgt Ion: 83 Resp: 75650
Ion Ratio Lower Upper
83 100
85 66.4 50.6 75.8
127 8.6 6.8 10.2



#48
Methyl methacrylate
Concen: 21.613 ug/l
RT: 9.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Tgt Ion: 41 Resp: 32530
Ion Ratio Lower Upper
41 100
69 80.4 65.4 98.2
39 64.2 54.2 81.2





#49

1,4-Dioxane

Concen: 393.697 ug/l

RT: 9.50 min Scan# 1298

Delta R.T. 0.01 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD01

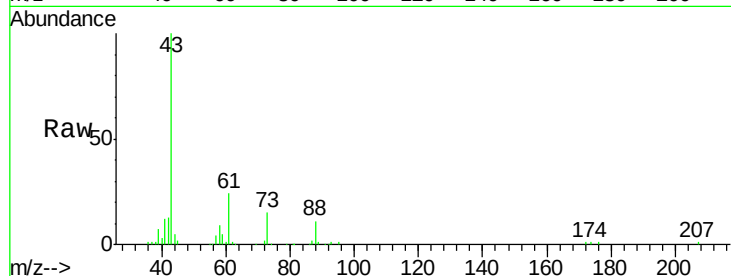
Tgt Ion: 88 Resp: 8316

Ion Ratio Lower Upper

88 100

43 617.6 454.7 682.1

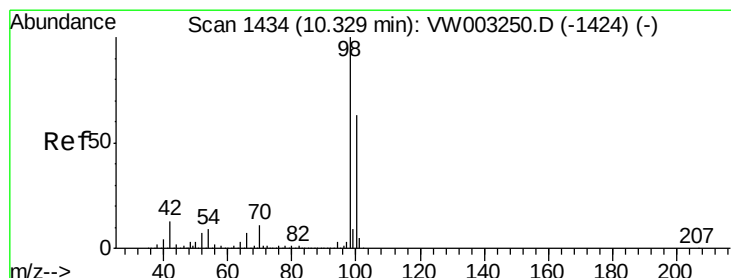
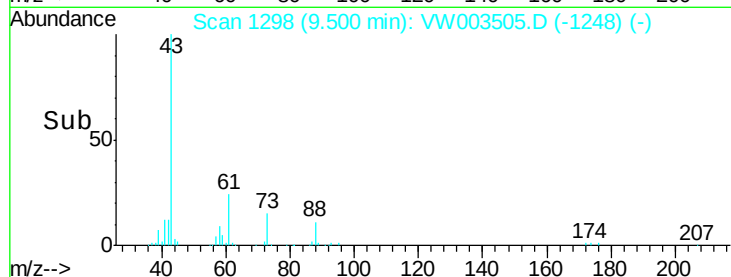
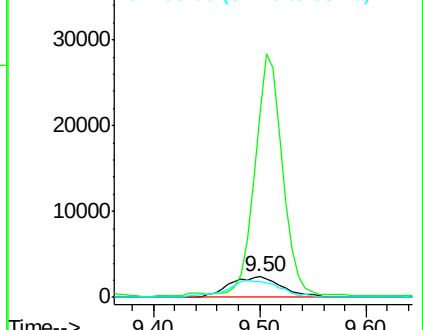
58 83.1 58.6 88.0



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 52.093 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003505.D

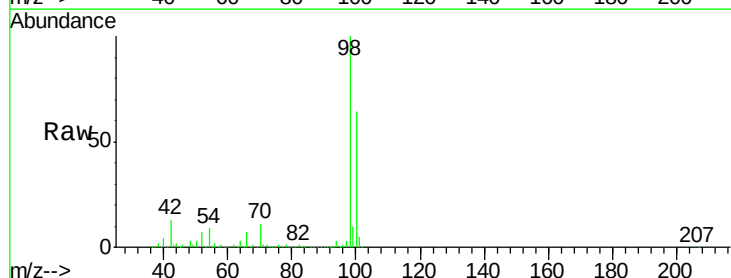
Acq: 24 Jun 2018 12:54

Tgt Ion: 98 Resp: 517443

Ion Ratio Lower Upper

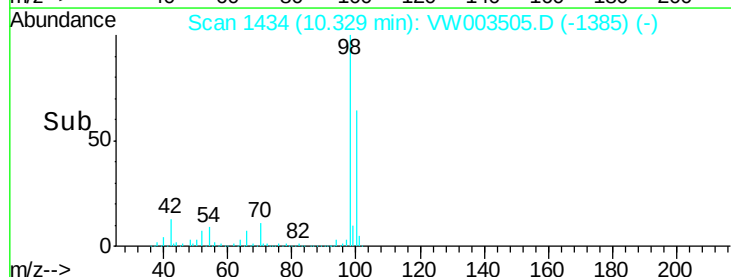
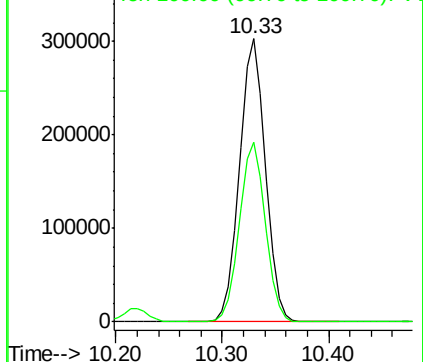
98 100

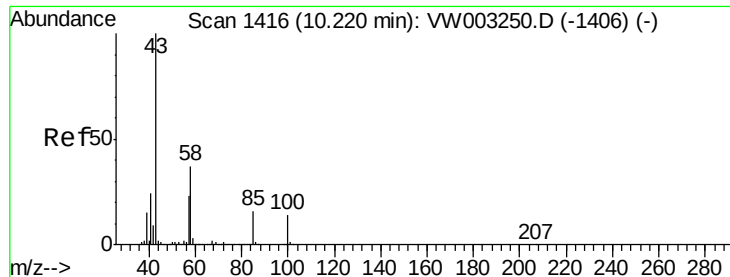
100 63.7 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

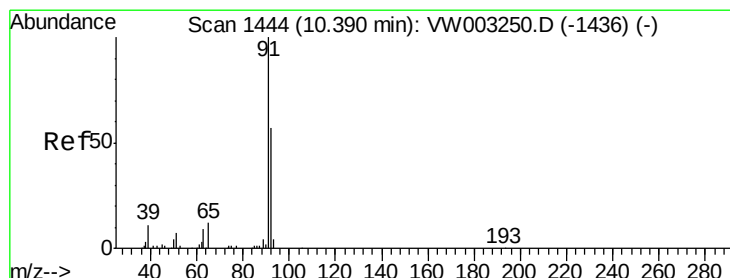
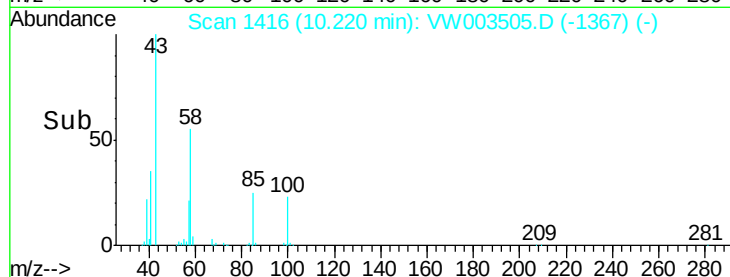
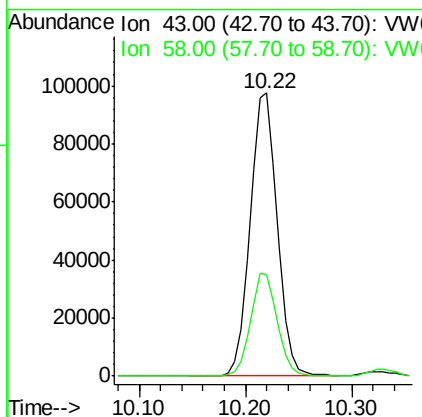
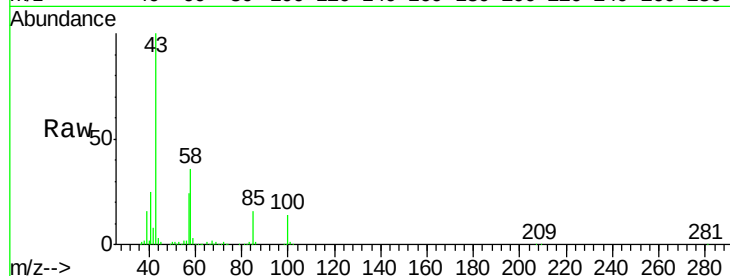




#51
 4-Methyl-2-Pentanone
 Concen: 106.724 ug/l
 RT: 10.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

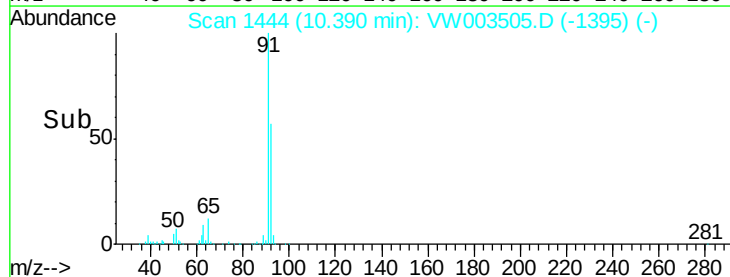
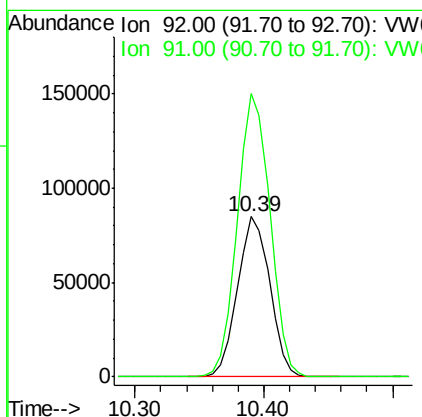
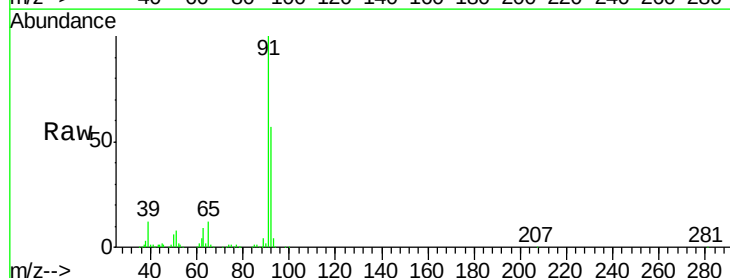
Instrument :
 MSVOA_W
 ClientSampleID :
 VW0624SBSD01

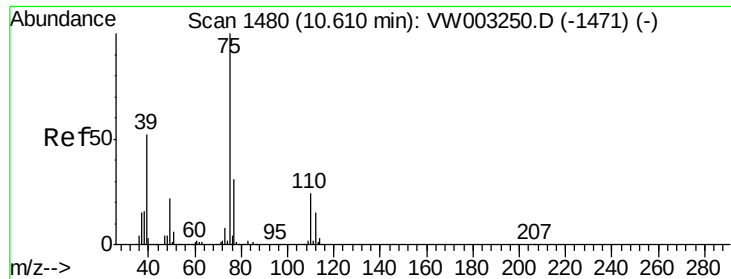
Tgt Ion: 43 Resp: 174167
 Ion Ratio Lower Upper
 43 100
 58 35.7 29.0 43.4



#52
 Toluene
 Concen: 21.441 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

Tgt Ion: 92 Resp: 147555
 Ion Ratio Lower Upper
 92 100
 91 179.1 141.1 211.7





#53

t-1,3-Dichloropropene

Concen: 21.065 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

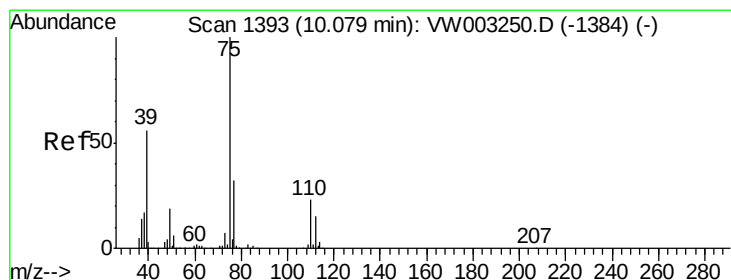
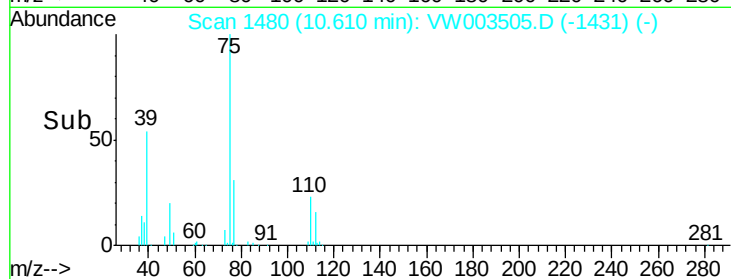
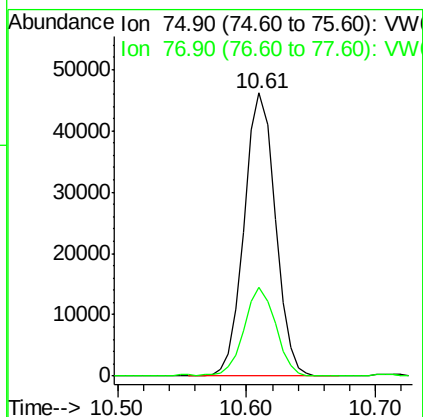
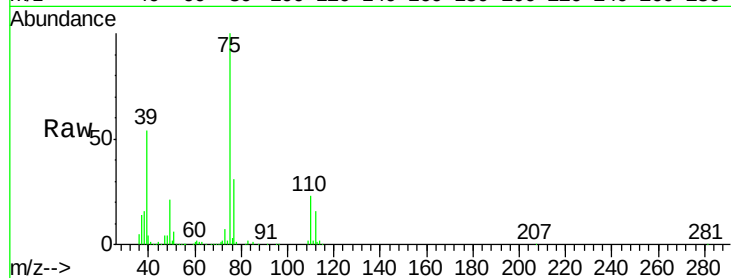
VW0624SBSD01

Tgt Ion: 75 Resp: 77163

Ion Ratio Lower Upper

75 100

77 31.2 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 21.550 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

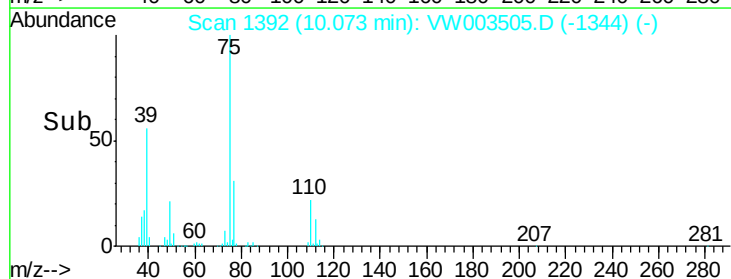
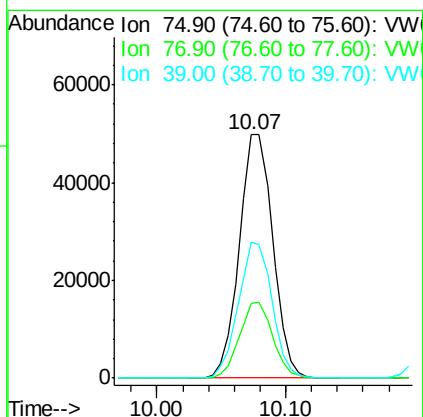
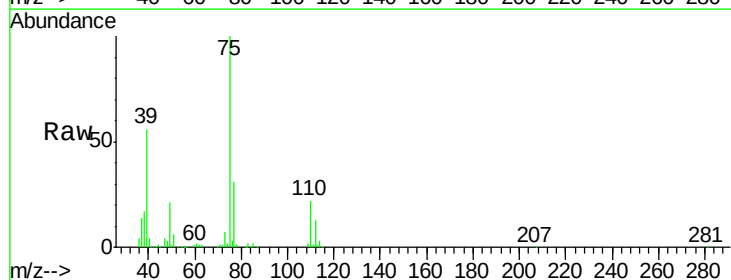
Tgt Ion: 75 Resp: 89845

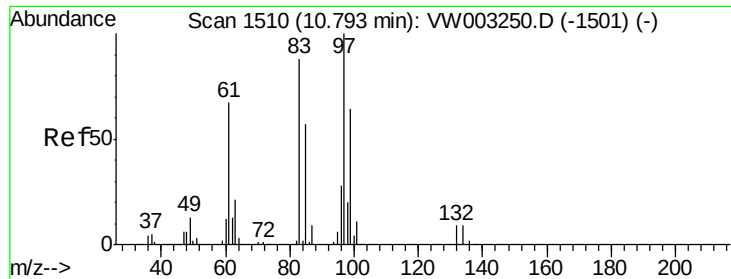
Ion Ratio Lower Upper

75 100

77 30.9 25.8 38.6

39 55.8 45.2 67.8

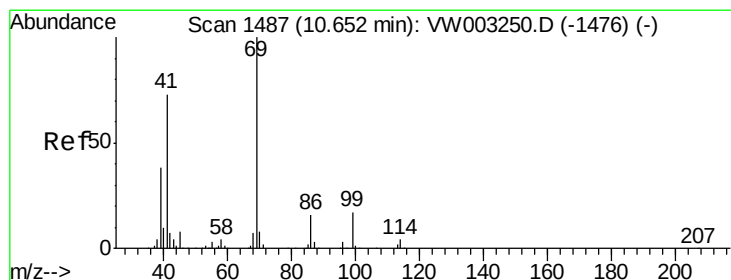
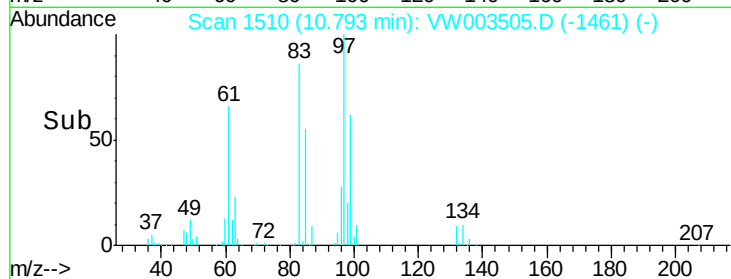
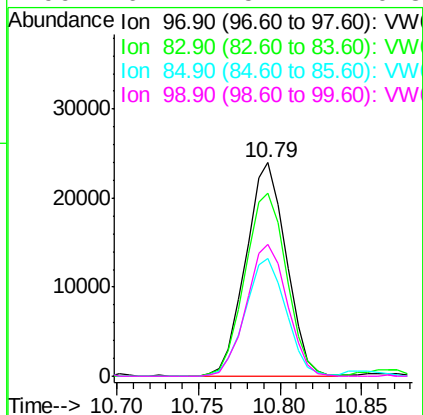
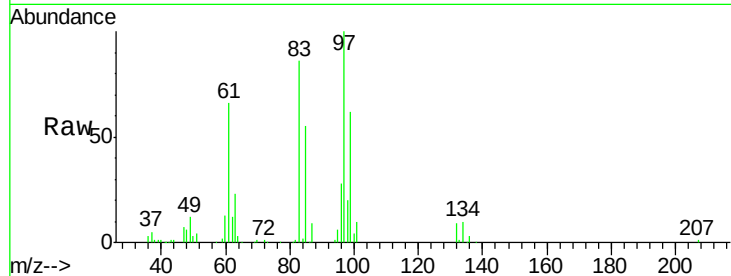




#55
 1,1,2-Trichloroethane
 Concen: 21.082 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

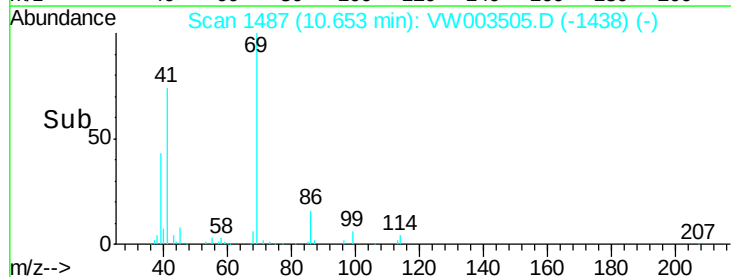
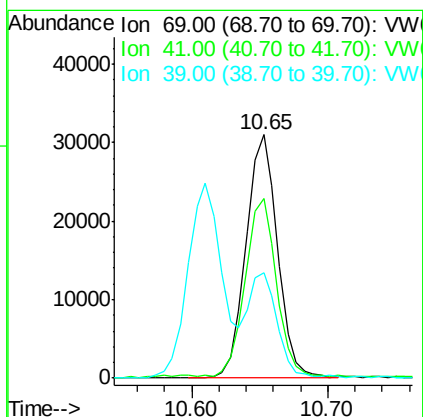
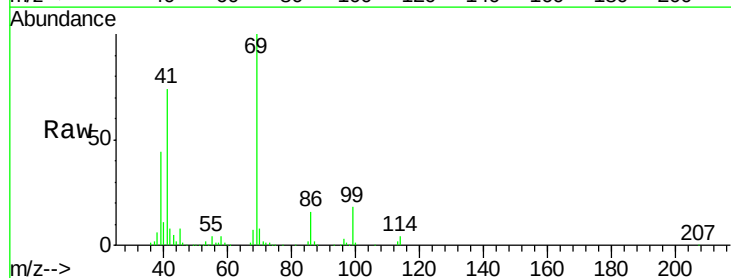
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD01

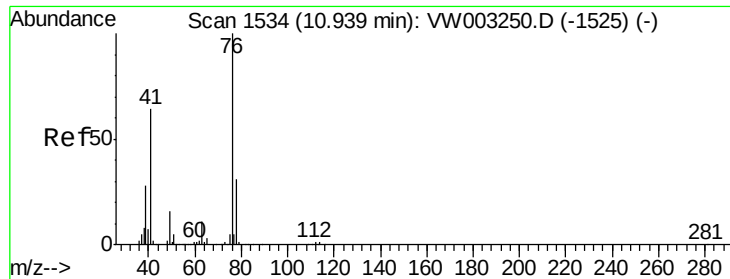
Tgt Ion:	97	Resp:	41559
Ion	Ratio	Lower	Upper
97	100		
83	85.7	70.2	105.2
85	55.3	45.6	68.4
99	61.7	51.2	76.8



#56
 Ethyl methacrylate
 Concen: 21.066 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

Tgt Ion:	69	Resp:	50430
Ion	Ratio	Lower	Upper
69	100		
41	73.1	57.8	86.6
39	39.5	32.7	49.1





#57

1,3-Dichloropropane

Concen: 21.687 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

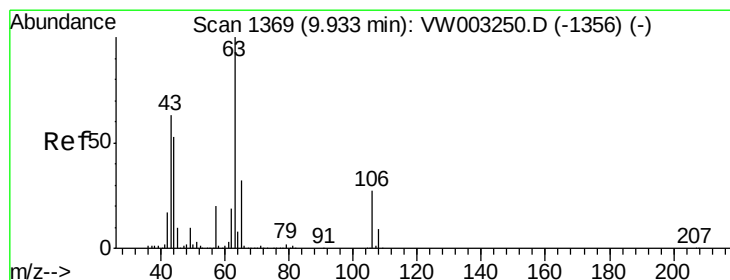
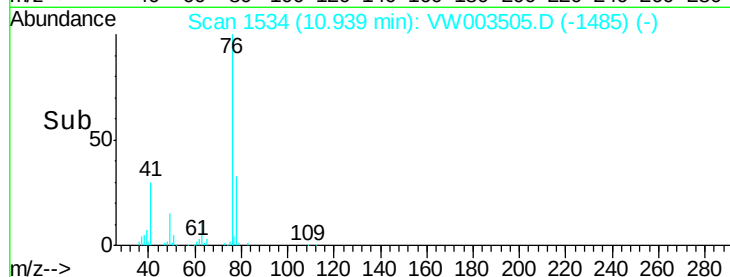
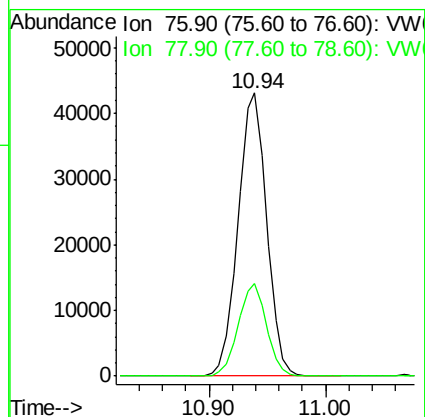
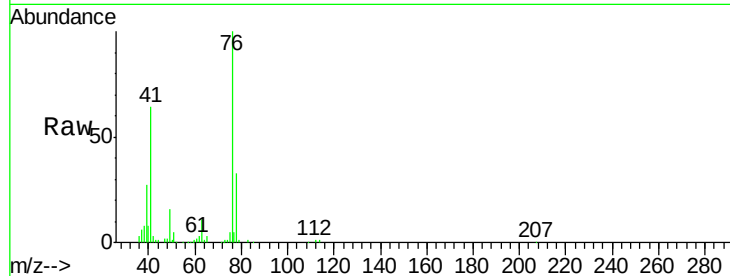
VW0624SBSD01

Tgt Ion: 76 Resp: 73735

Ion Ratio Lower Upper

76 100

78 32.4 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 104.842 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VW003505.D

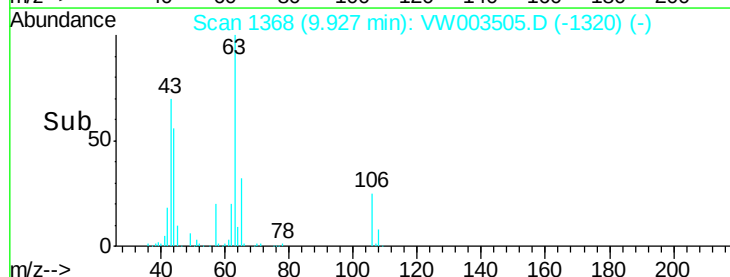
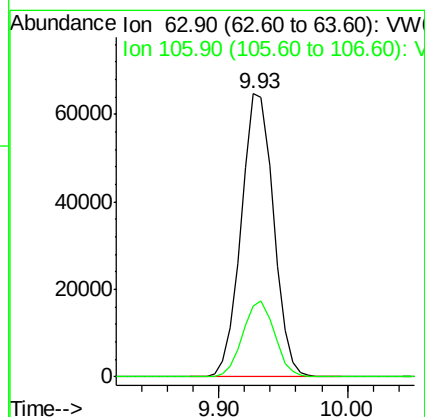
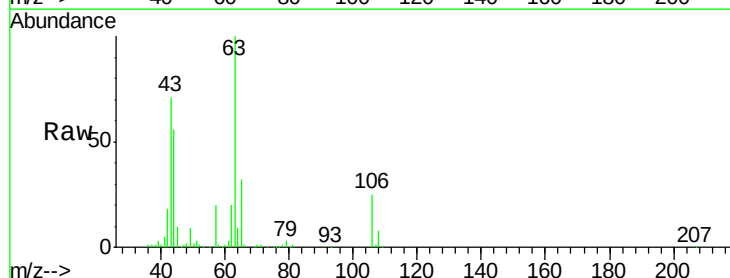
Acq: 24 Jun 2018 12:54

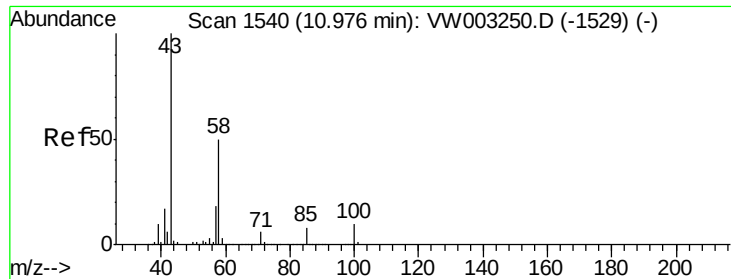
Tgt Ion: 63 Resp: 112508

Ion Ratio Lower Upper

63 100

106 26.5 21.8 32.8

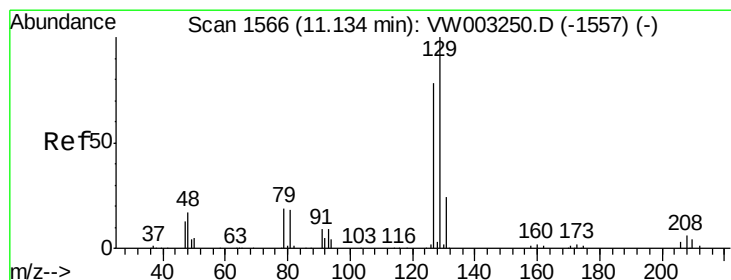
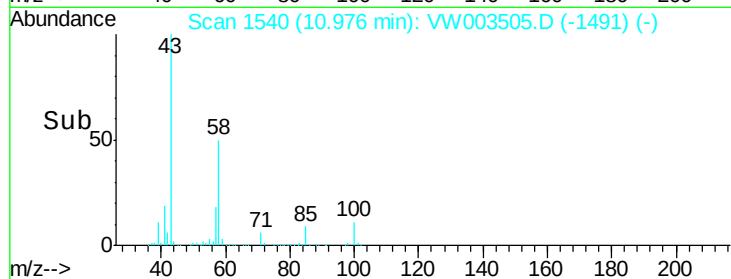
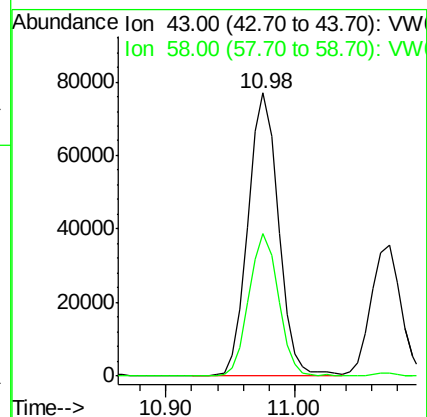
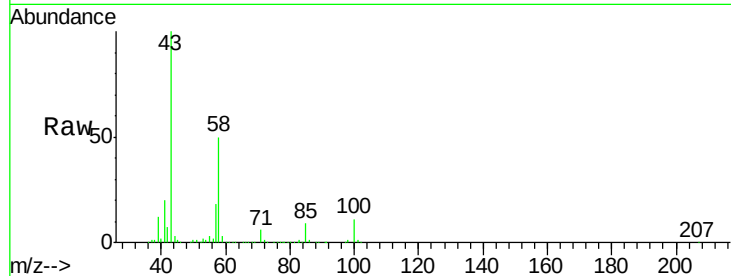




#59
2-Hexanone
Concen: 110.406 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

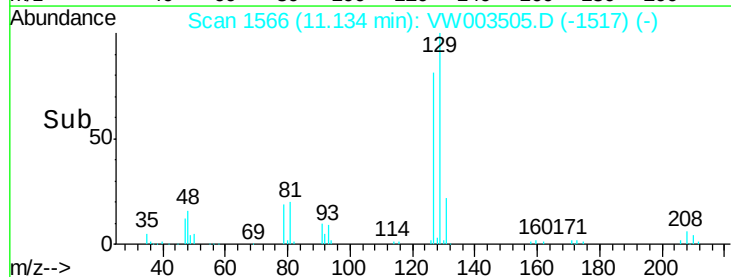
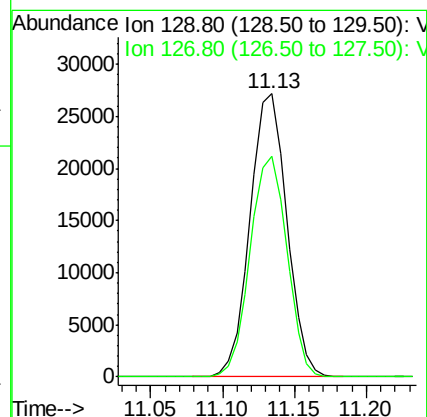
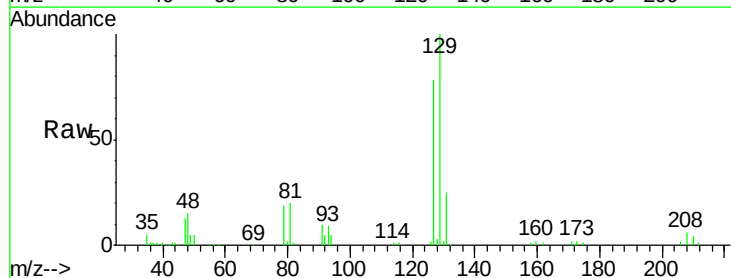
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD01

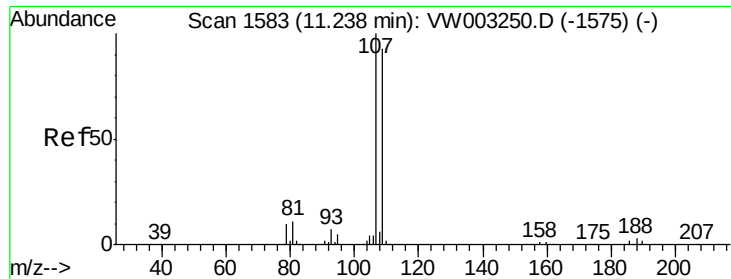
Tgt Ion: 43 Resp: 125869
Ion Ratio Lower Upper
43 100
58 49.0 25.0 75.0



#60
Dibromochloromethane
Concen: 20.527 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Tgt Ion: 129 Resp: 48123
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.5

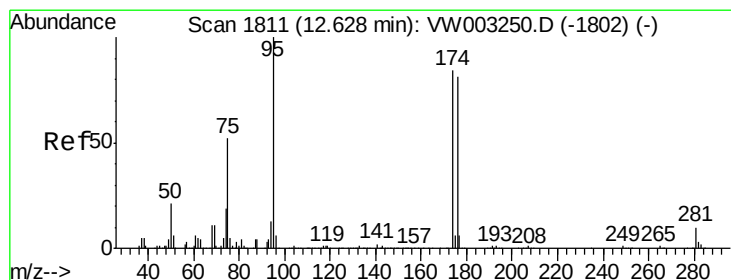
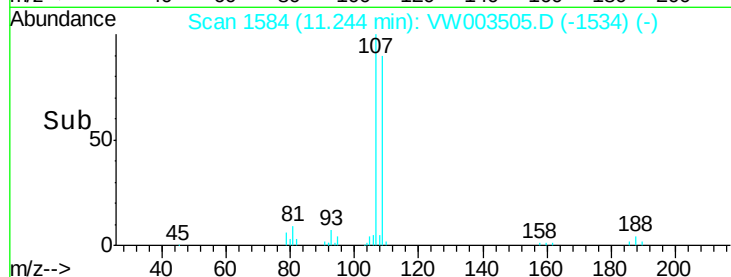
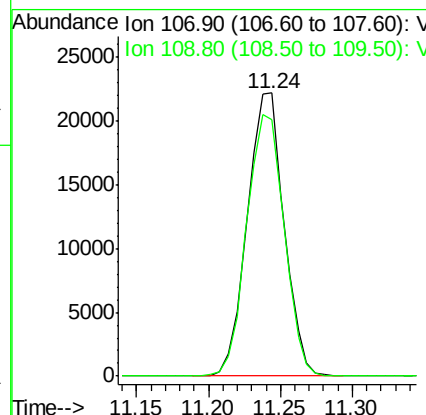
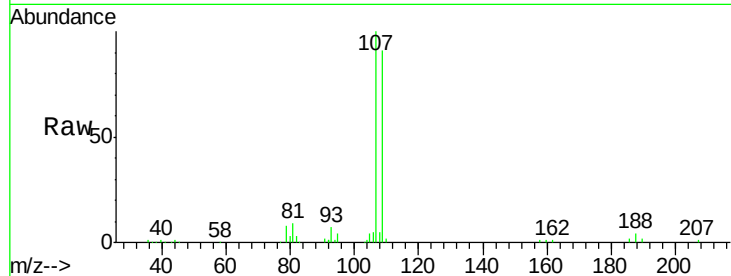




#61
 1,2-Dibromoethane
 Concen: 20.999 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

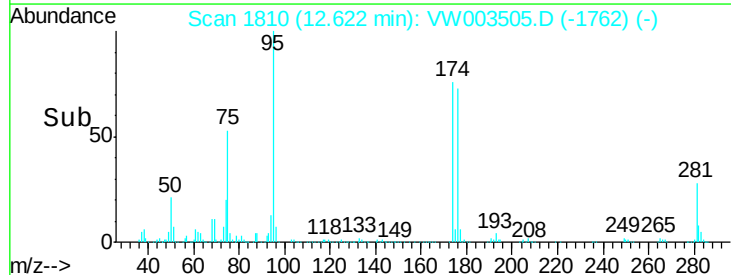
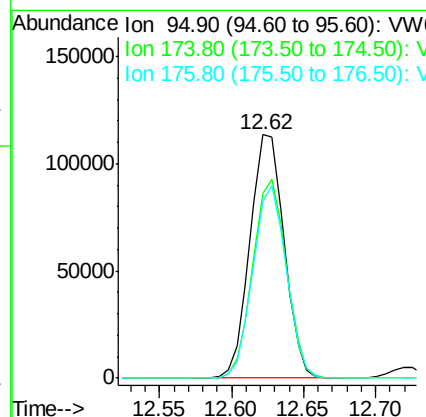
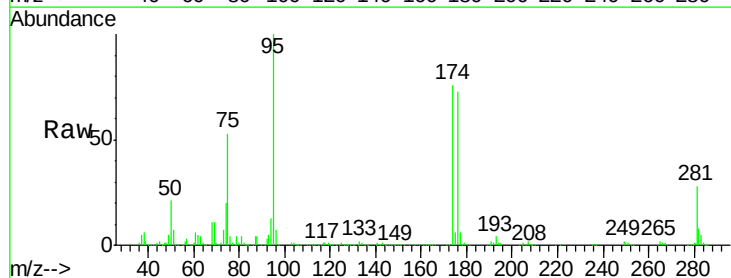
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD01

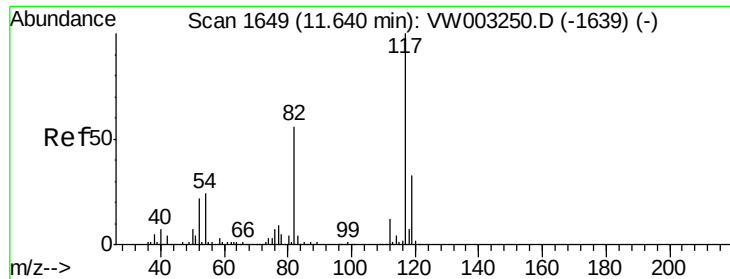
Tgt Ion: 107 Resp: 39157
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 52.922 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

Tgt Ion: 95 Resp: 186034
 Ion Ratio Lower Upper
 95 100
 174 80.5 0.0 166.4
 176 77.3 0.0 162.0

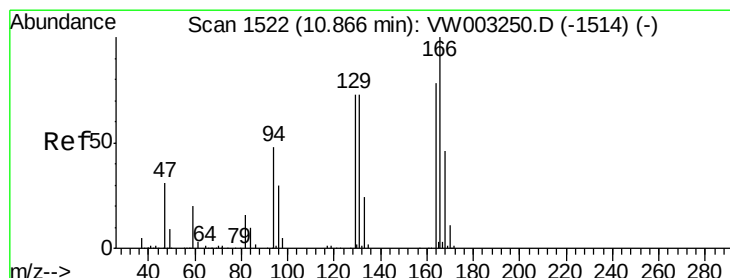
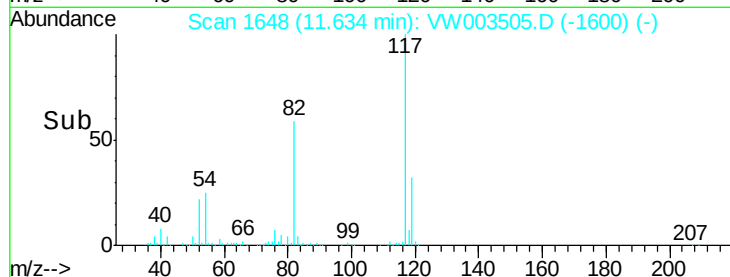
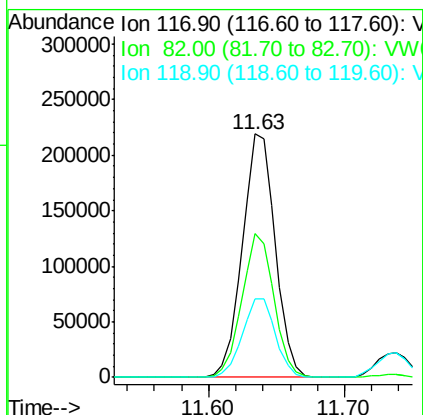
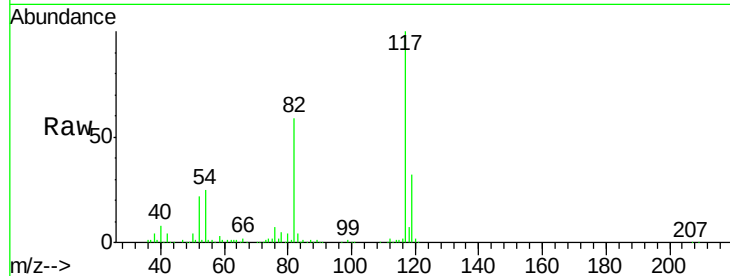




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

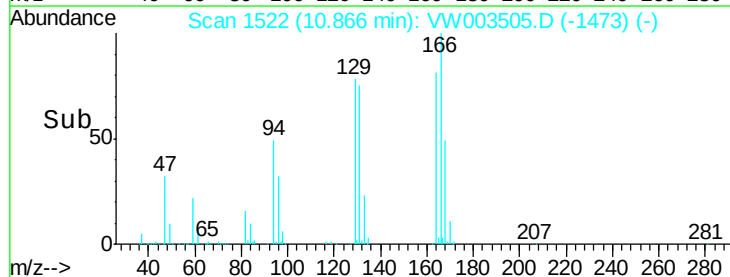
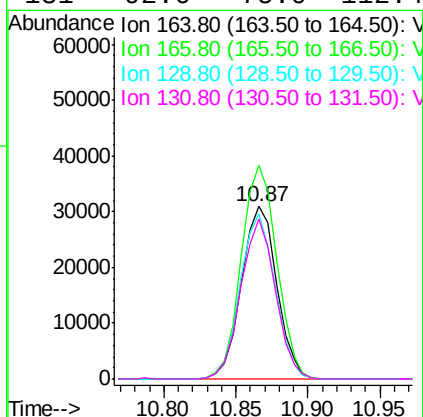
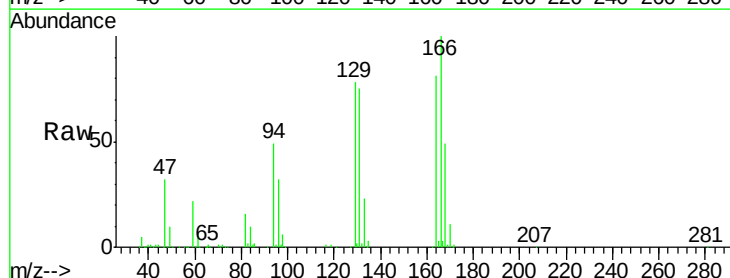
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD01

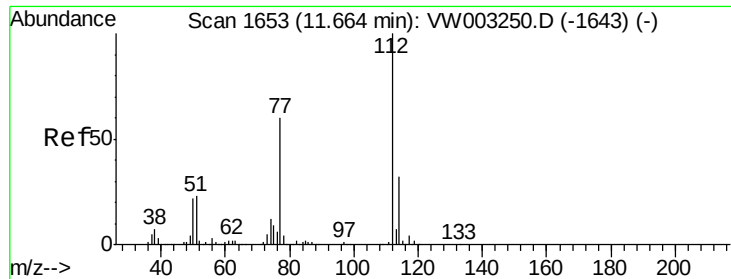
Tgt Ion:117 Resp: 368927
Ion Ratio Lower Upper
117 100
82 58.8 44.6 67.0
119 32.3 26.7 40.1



#64
Tetrachloroethene
Concen: 21.320 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Tgt Ion:164 Resp: 52610
Ion Ratio Lower Upper
164 100
166 123.7 102.6 154.0
129 95.9 75.2 112.8
131 92.6 75.0 112.4

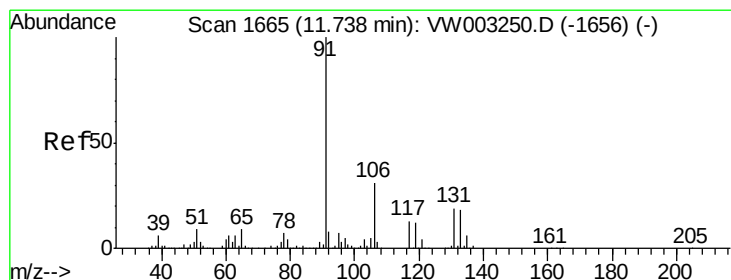
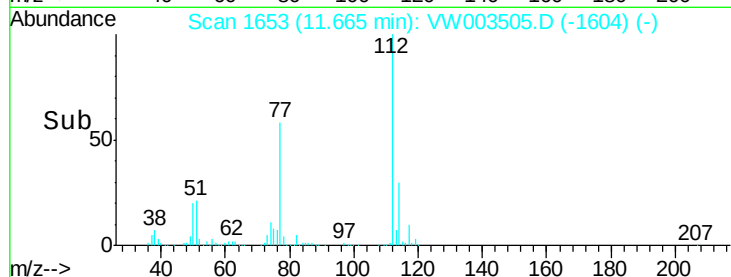
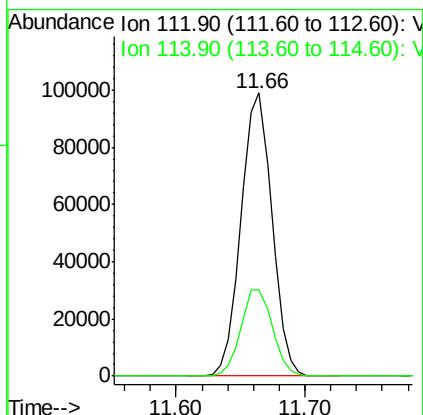
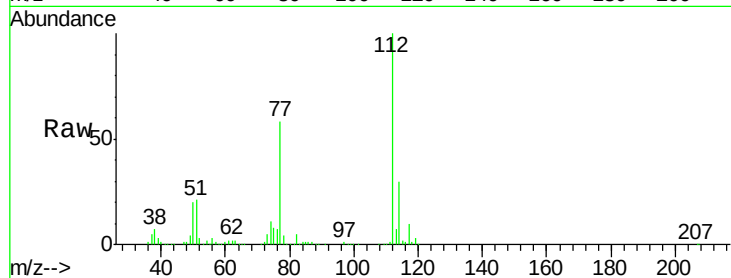




#65
Chlorobenzene
Concen: 21.360 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

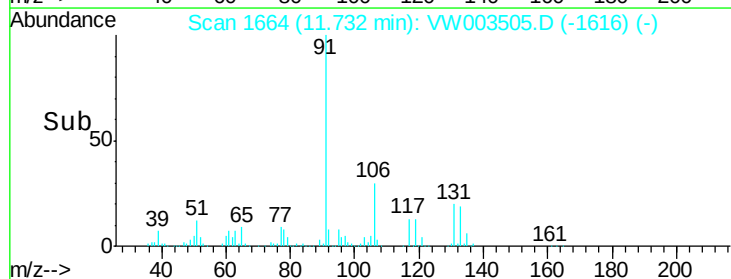
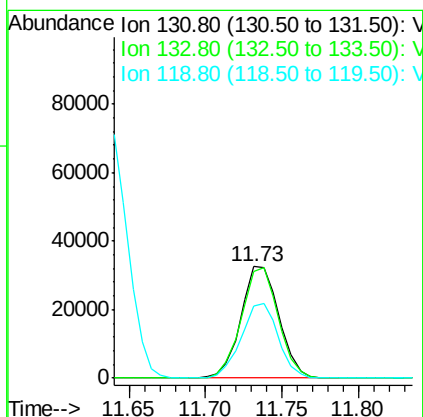
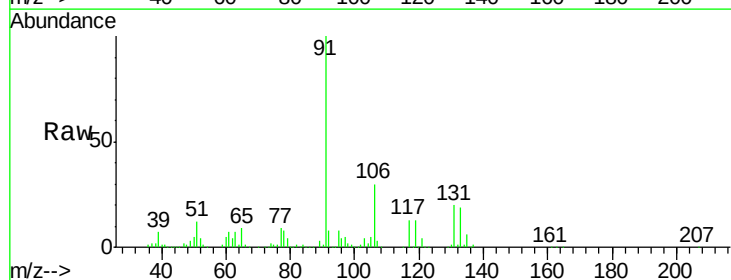
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD01

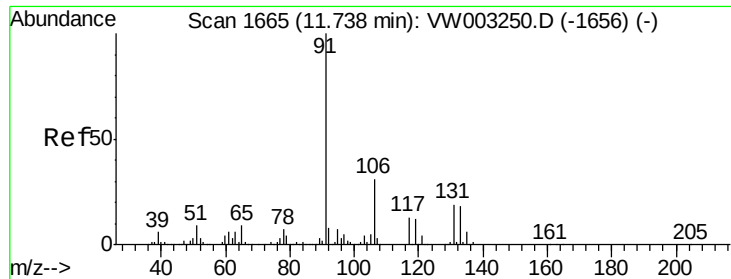
Tgt Ion:112 Resp: 164099
Ion Ratio Lower Upper
112 100
114 30.5 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.834 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Tgt Ion:131 Resp: 56247
Ion Ratio Lower Upper
131 100
133 96.4 47.3 142.0
119 65.4 32.5 97.4





#67

Ethyl Benzene

Concen: 21.405 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

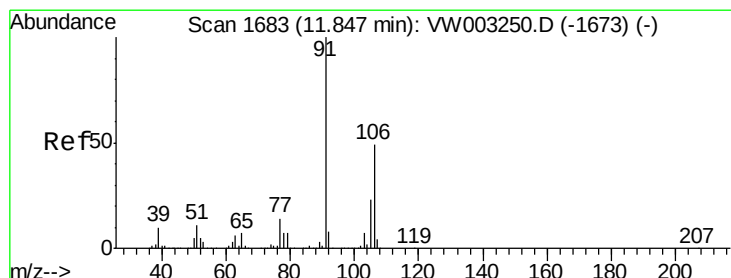
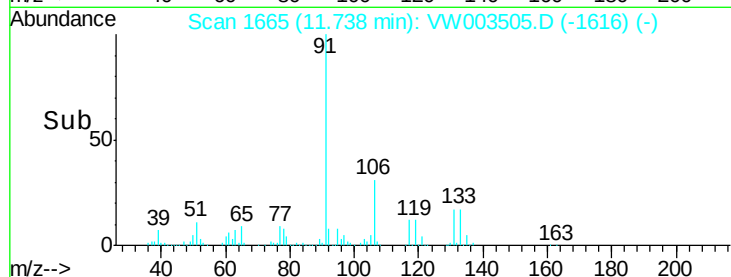
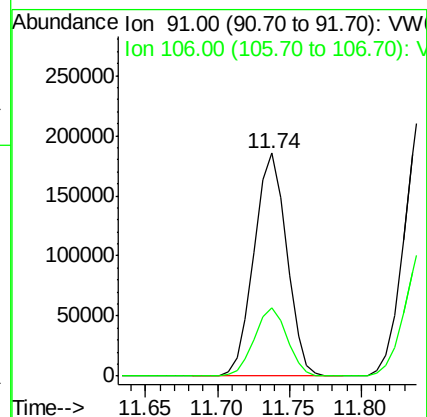
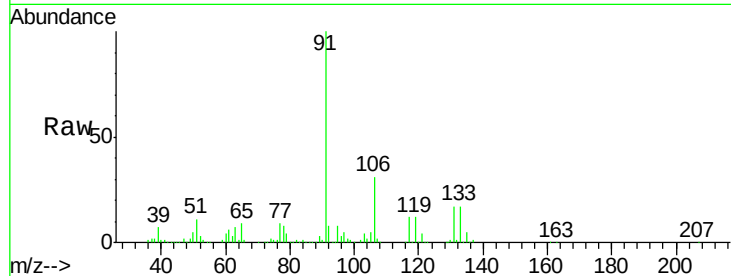
VW0624SBSD01

Tgt Ion: 91 Resp: 291500

Ion Ratio Lower Upper

91 100

106 30.7 24.7 37.1



#68

m/p-Xylenes

Concen: 43.108 ug/l

RT: 11.85 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW003505.D

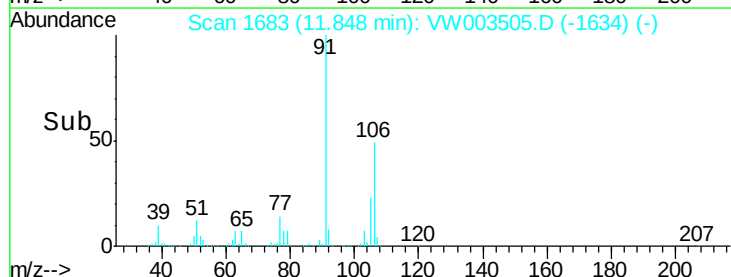
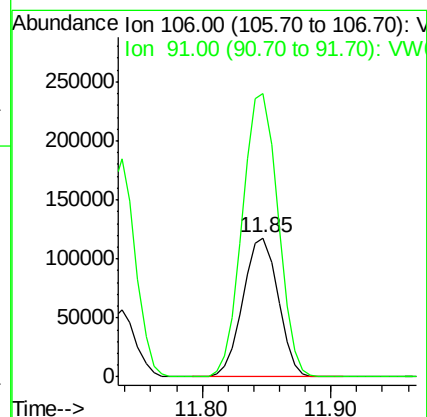
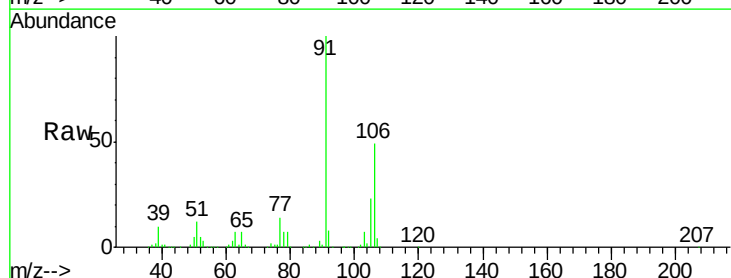
Acq: 24 Jun 2018 12:54

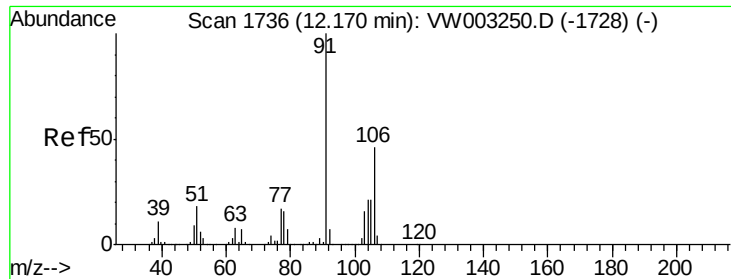
Tgt Ion: 106 Resp: 223163

Ion Ratio Lower Upper

106 100

91 206.3 165.4 248.0

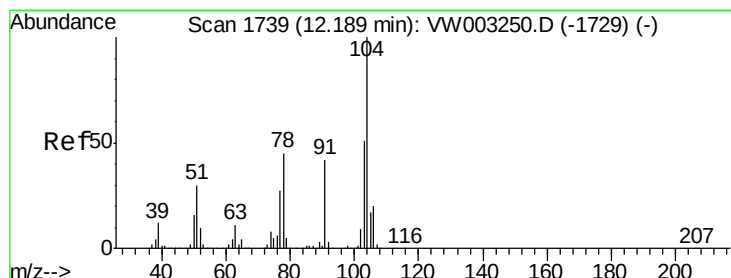
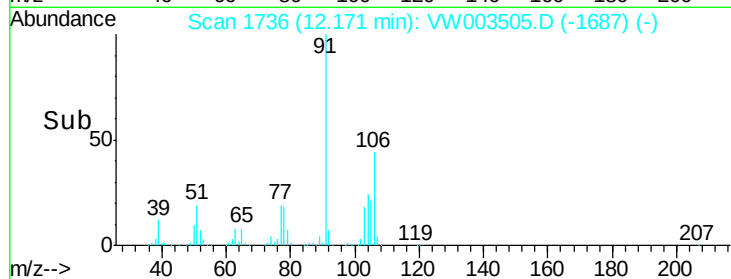
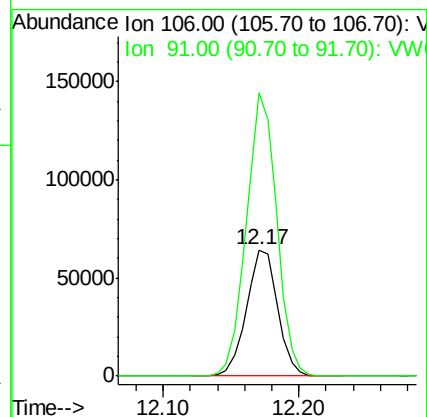
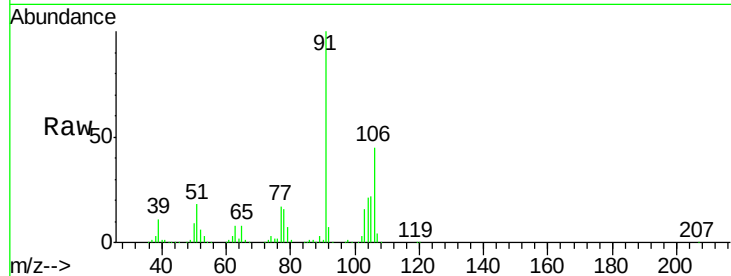




#69
o-Xylene
Concen: 21.435 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

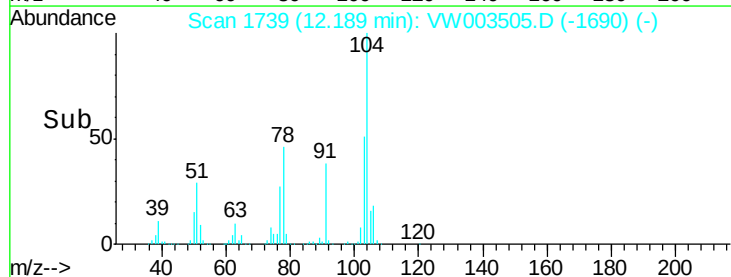
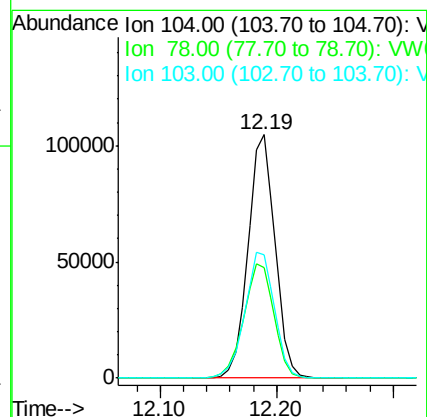
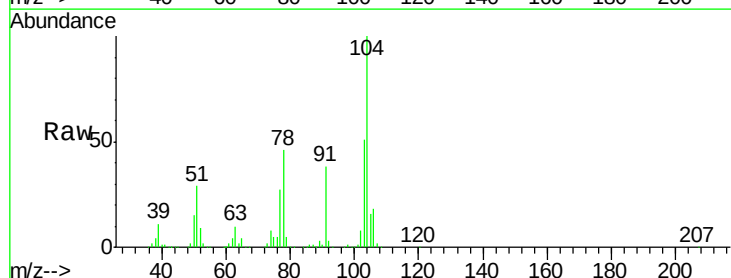
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD01

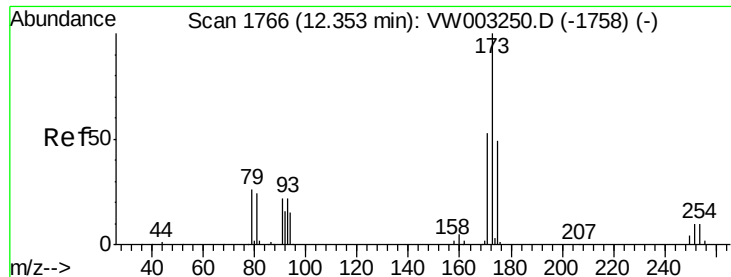
Tgt Ion:106 Resp: 102838
Ion Ratio Lower Upper
106 100
91 219.3 108.6 325.6



#70
Styrene
Concen: 21.185 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Tgt Ion:104 Resp: 169176
Ion Ratio Lower Upper
104 100
78 52.8 41.3 61.9
103 56.6 45.0 67.4





#71

Bromoform

Concen: 19.975 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD01

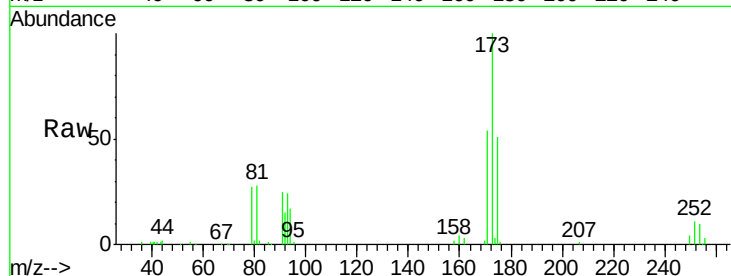
Tgt Ion:173 Resp: 27949

Ion Ratio Lower Upper

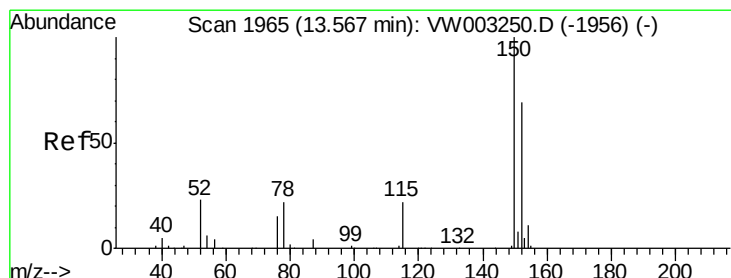
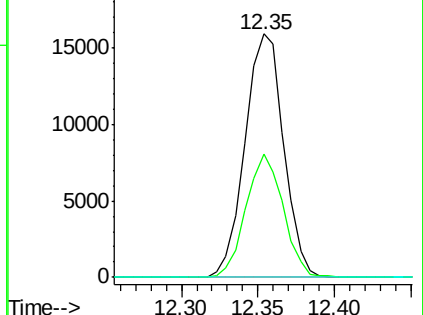
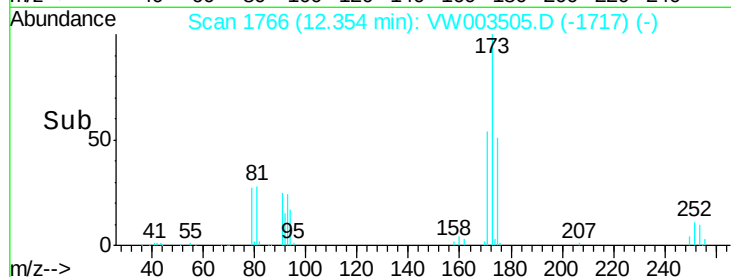
173 100

175 48.6 24.4 73.4

254 0.1 0.1 0.1#



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: VW003505.D

Acq: 24 Jun 2018 12:54

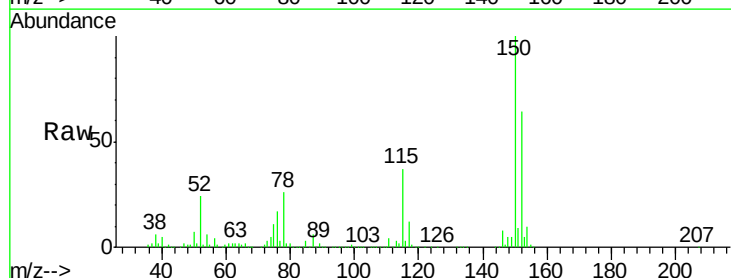
Tgt Ion:152 Resp: 197000

Ion Ratio Lower Upper

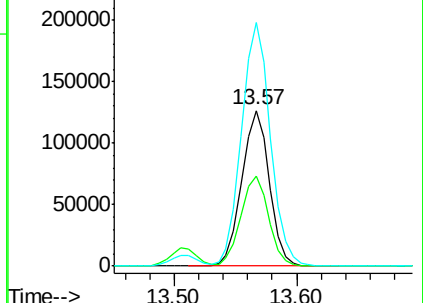
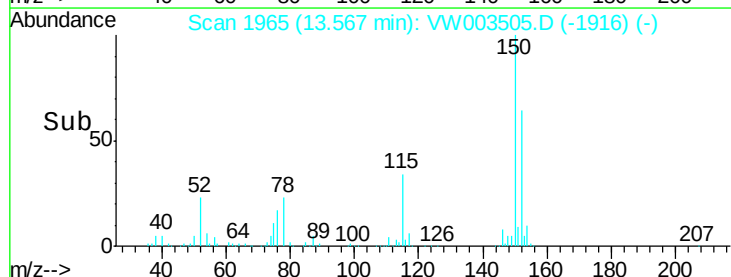
152 100

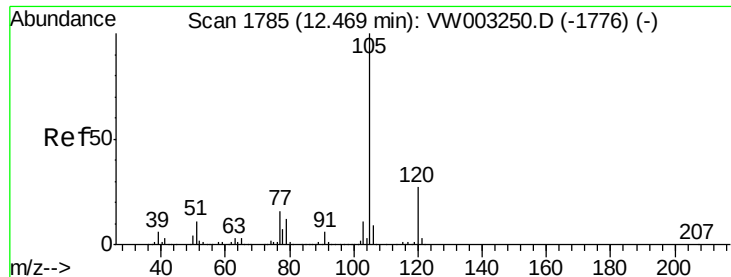
115 58.6 29.3 88.0

150 164.6 0.0 349.6



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





#73

Isopropylbenzene

Concen: 21.233 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

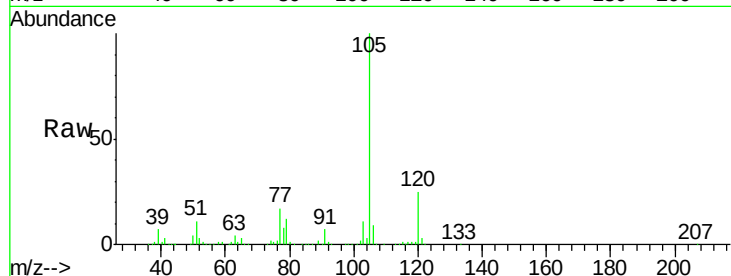
VW0624SBSD01

Tgt Ion:105 Resp: 290941

Ion Ratio Lower Upper

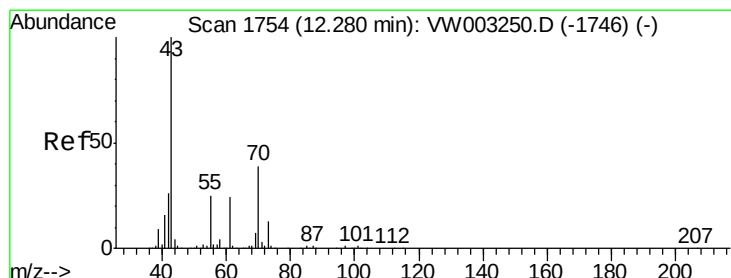
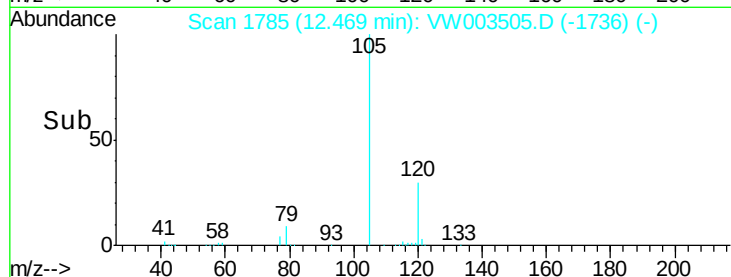
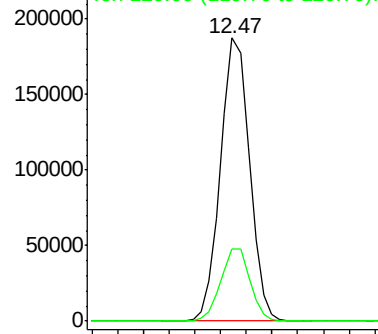
105 100

120 25.9 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.771 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Tgt Ion: 43 Resp: 64781

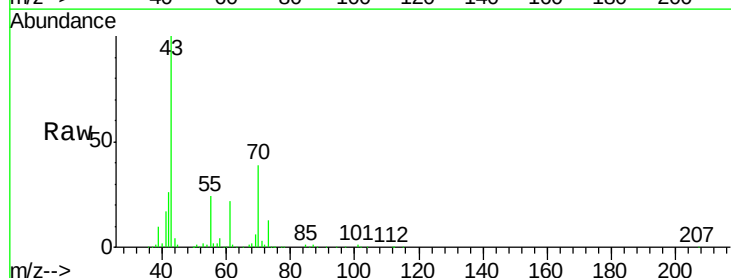
Ion Ratio Lower Upper

43 100

70 38.1 31.0 46.6

55 25.0 19.7 29.5

61 22.1 18.1 27.1

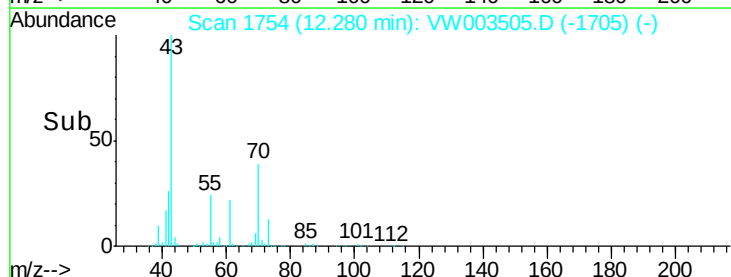
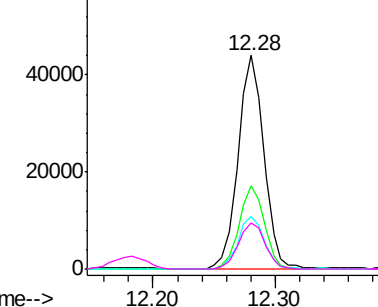


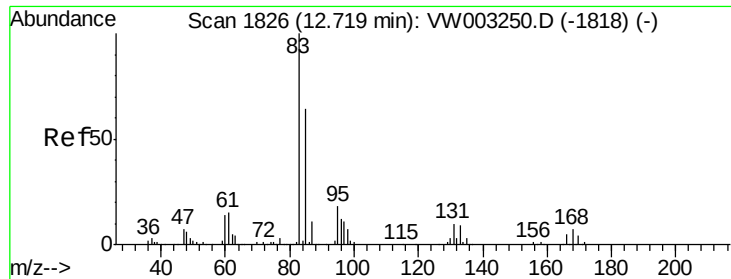
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 20.925 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD01

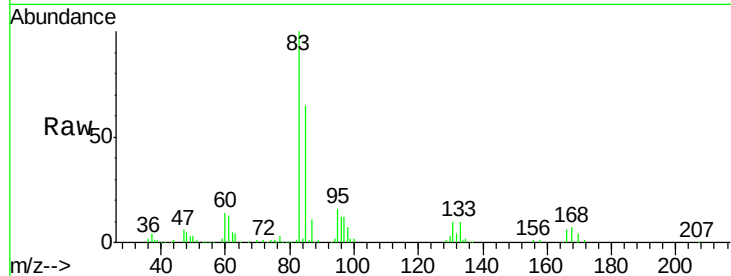
Tgt Ion: 83 Resp: 48507

Ion Ratio Lower Upper

83 100

131 10.3 5.4 16.2

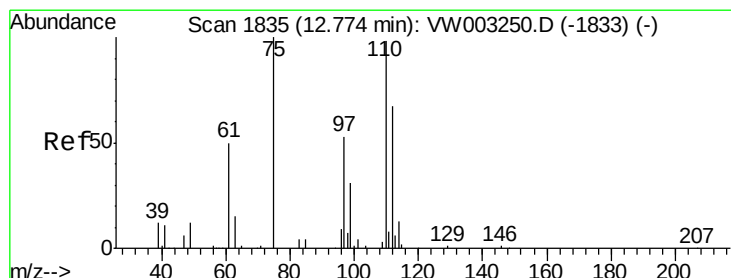
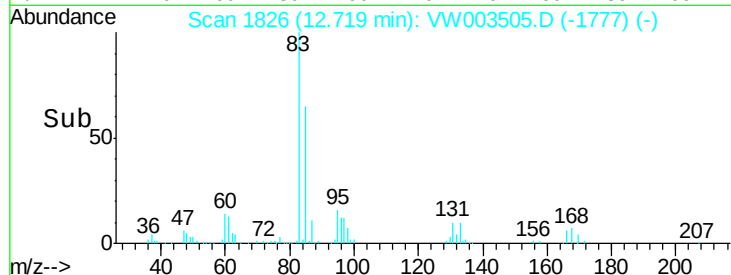
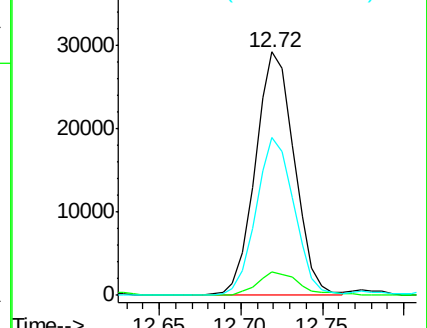
85 63.5 31.9 95.7



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: 38.788 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003505.D

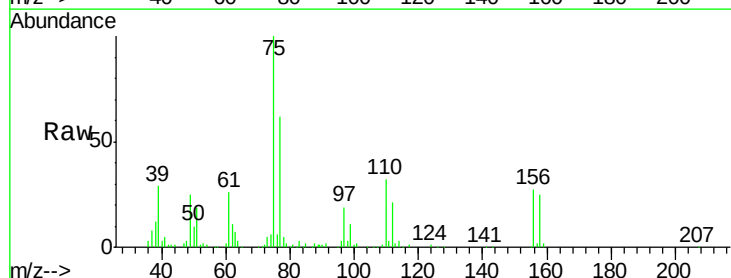
Acq: 24 Jun 2018 12:54

Tgt Ion: 75 Resp: 65324

Ion Ratio Lower Upper

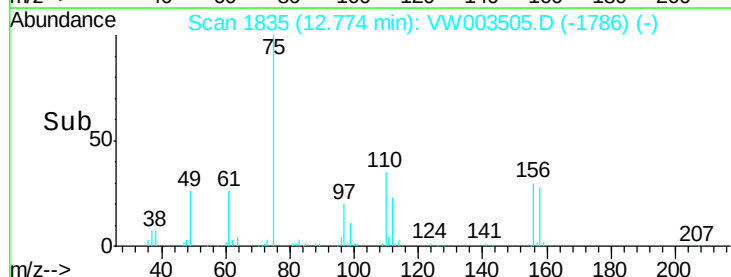
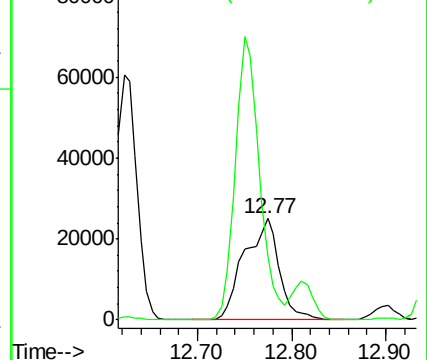
75 100

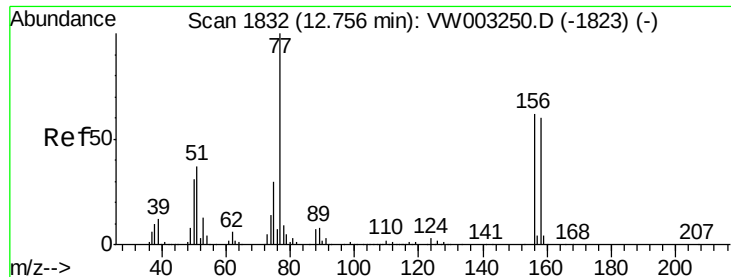
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.018 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD01

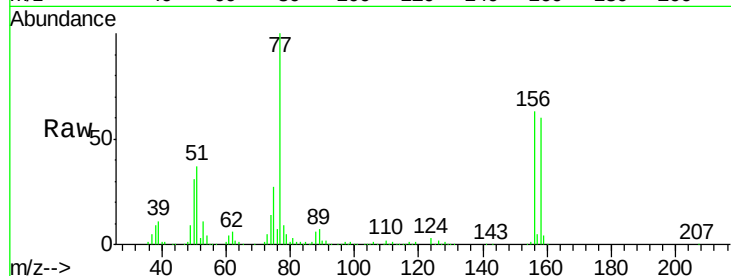
Tgt Ion:156 Resp: 67069

Ion Ratio Lower Upper

156 100

77 187.4 92.3 276.9

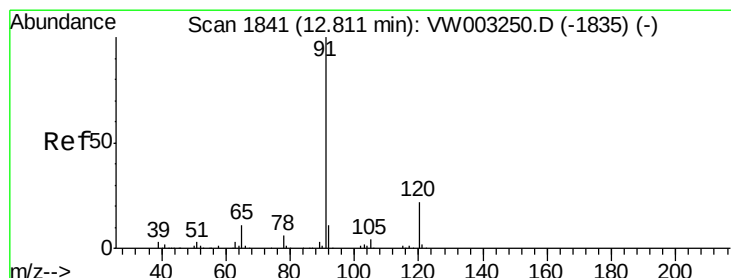
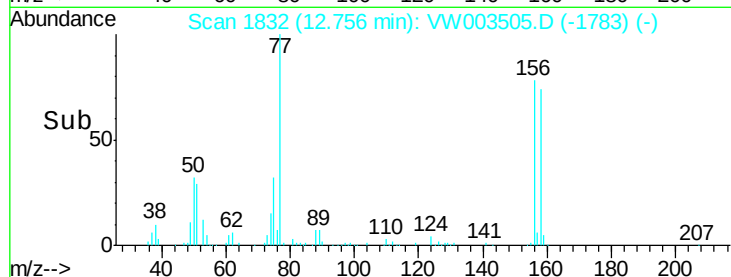
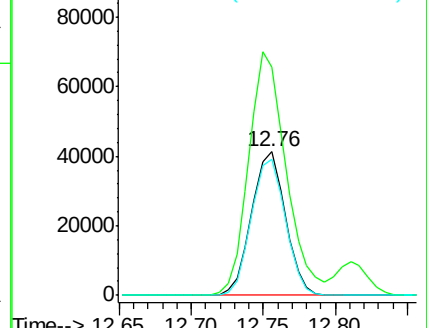
158 95.6 47.5 142.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.599 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003505.D

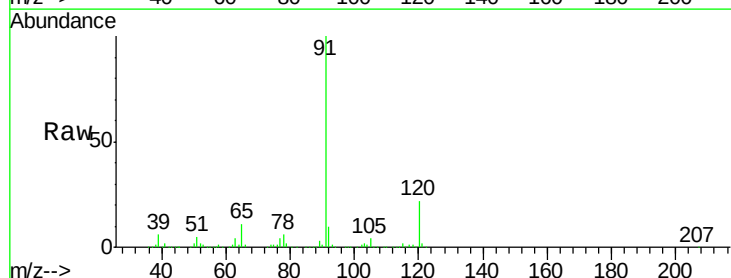
Acq: 24 Jun 2018 12:54

Tgt Ion: 91 Resp: 362382

Ion Ratio Lower Upper

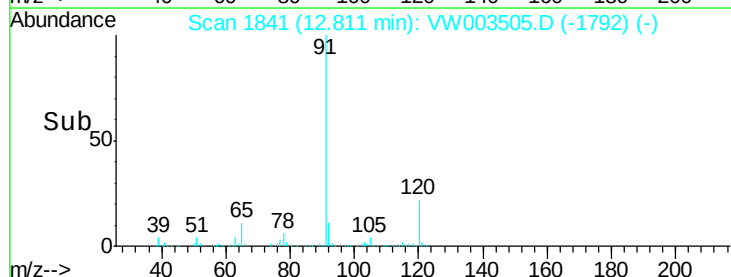
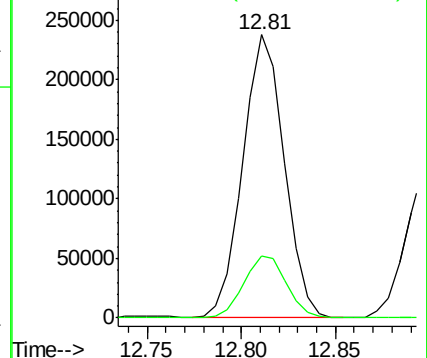
91 100

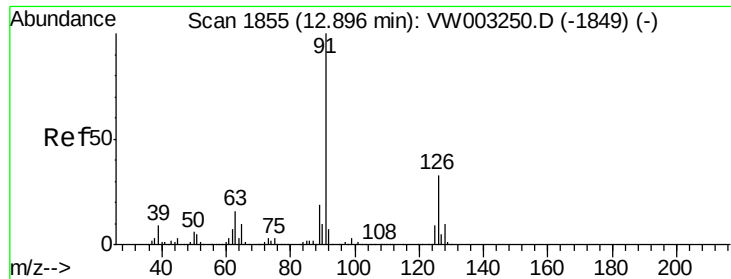
120 22.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.395 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. 0.01 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

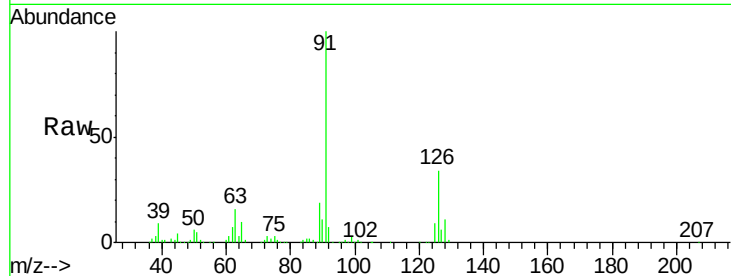
VW0624SBSD01

Tgt Ion: 91 Resp: 202864

Ion Ratio Lower Upper

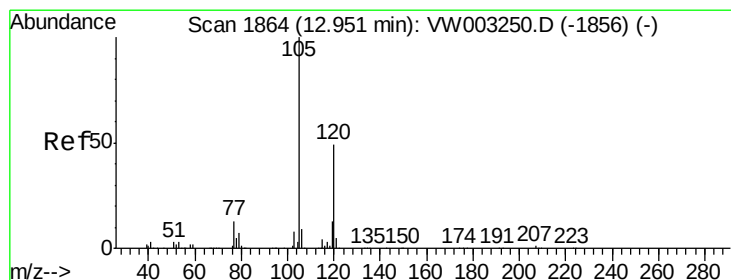
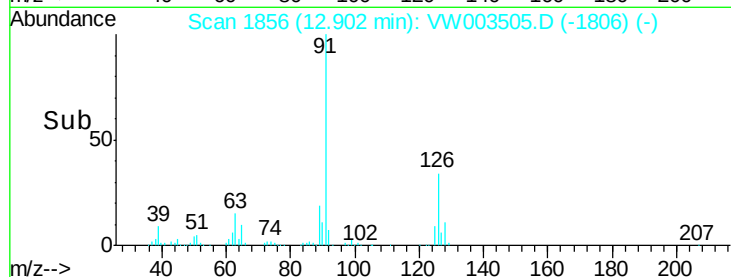
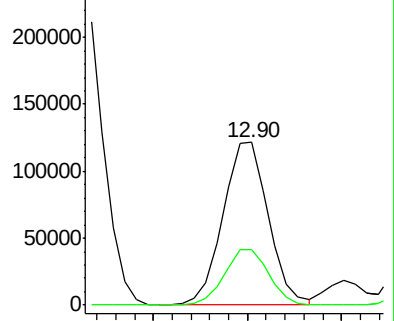
91 100

126 33.5 16.8 50.4



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: 21.370 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003505.D

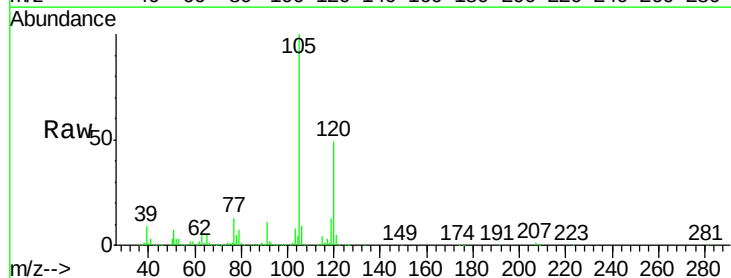
Acq: 24 Jun 2018 12:54

Tgt Ion: 105 Resp: 245777

Ion Ratio Lower Upper

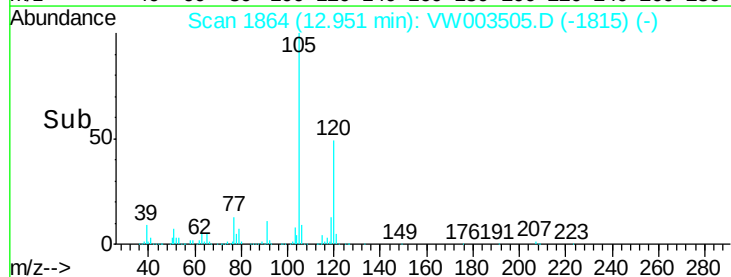
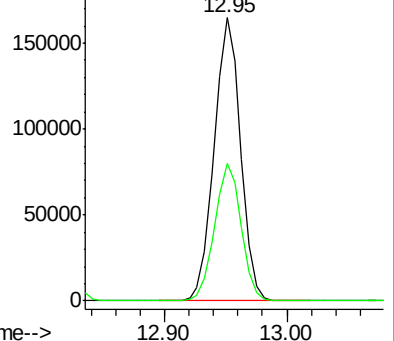
105 100

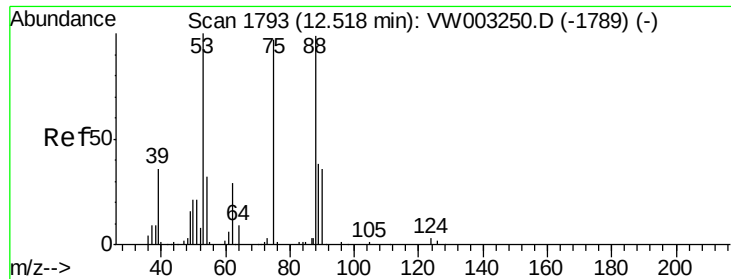
120 48.7 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

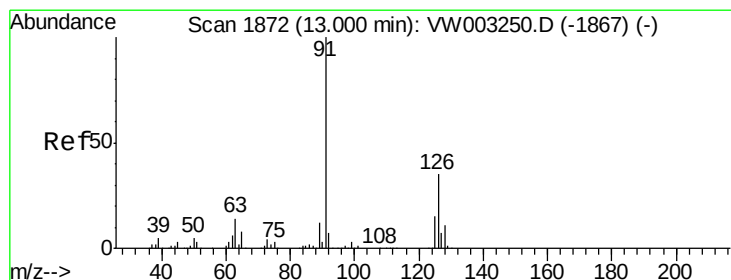
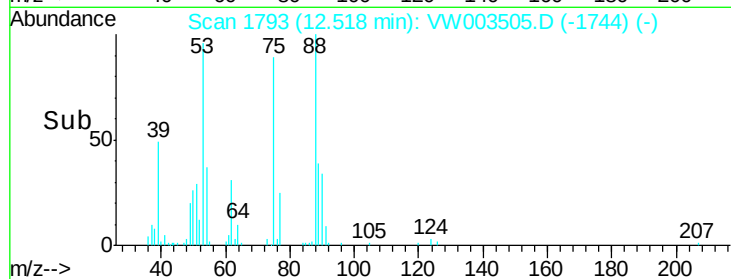
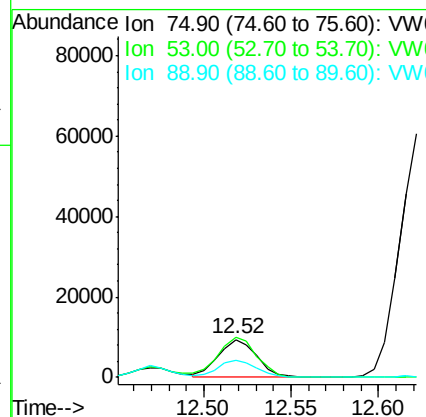
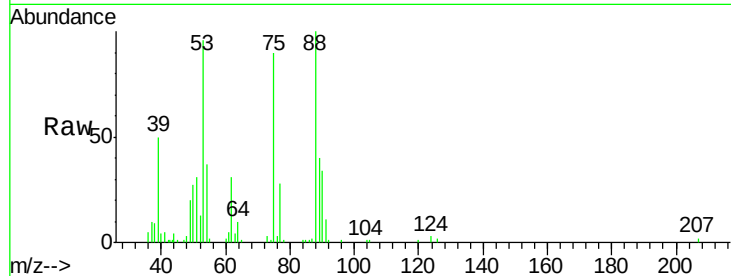




#81
trans-1,4-Dichloro-2-butene
Concen: 19.812 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

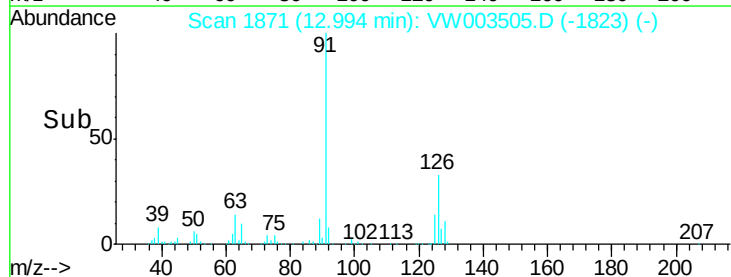
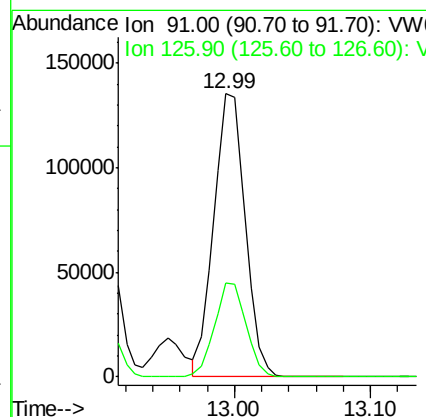
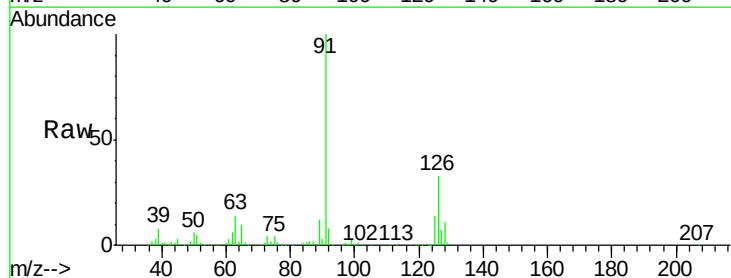
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD01

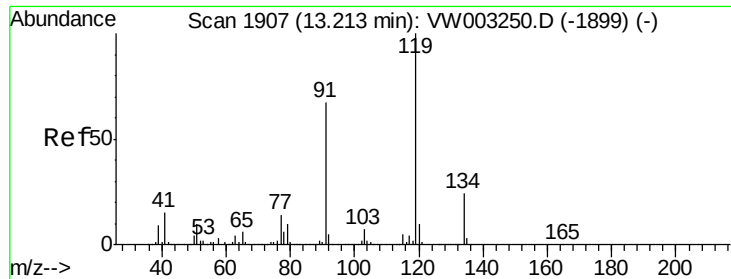
Tgt Ion: 75 Resp: 14500
Ion Ratio Lower Upper
75 100
53 106.0 82.9 124.3
89 45.8 36.7 55.1



#82
4-Chlorotoluene
Concen: 21.548 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.01 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Tgt Ion: 91 Resp: 216736
Ion Ratio Lower Upper
91 100
126 33.4 16.8 50.3

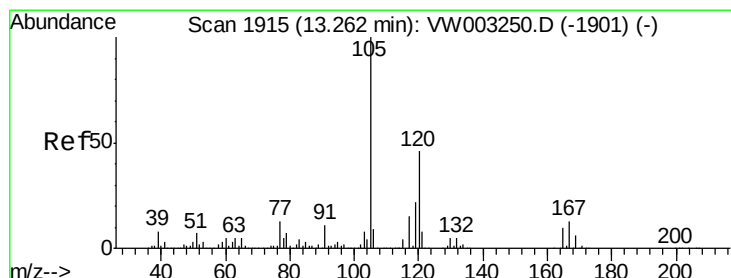
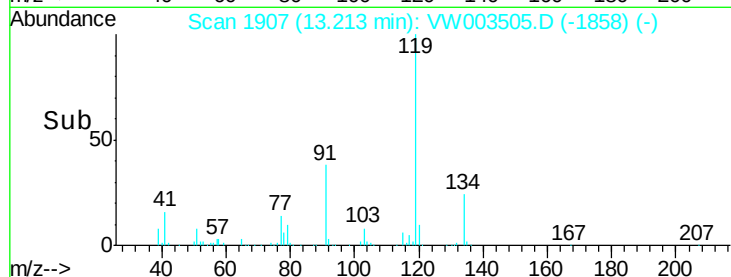
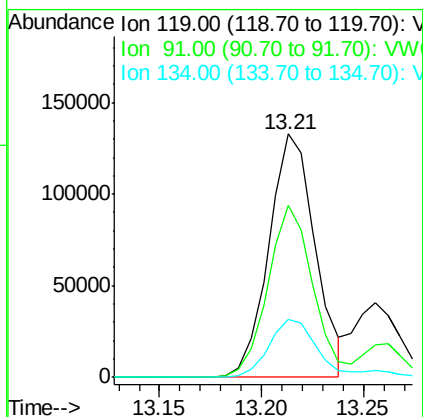
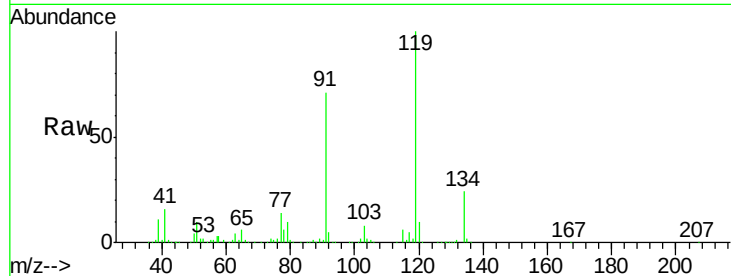




#83
 tert-Butylbenzene
 Concen: 21.426 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

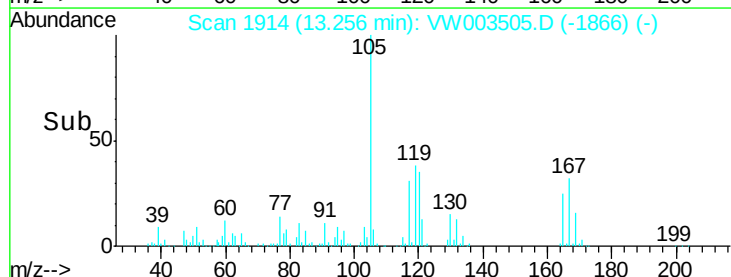
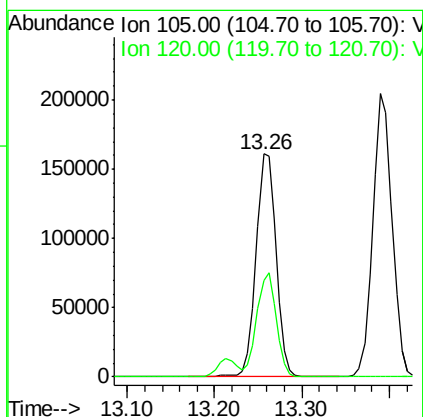
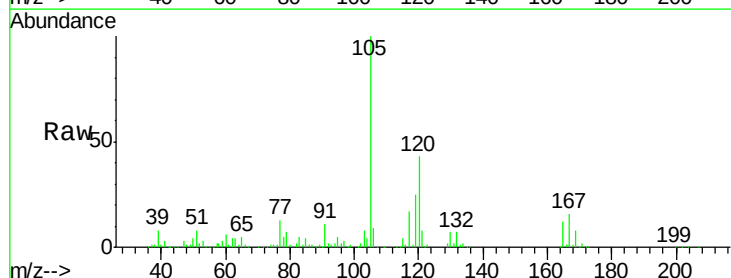
Instrument :
 MSVOA_W
 ClientSampled :
 VW0624SBSD01

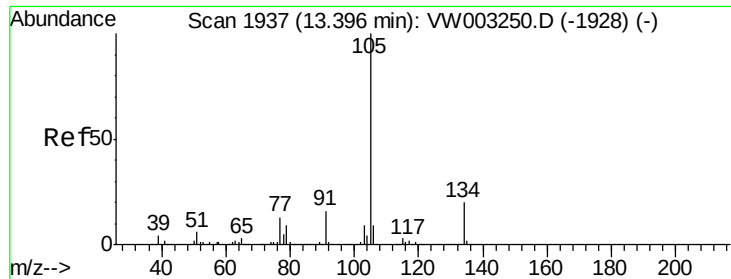
Tgt Ion:119 Resp: 210010
 Ion Ratio Lower Upper
 119 100
 91 69.1 33.9 101.7
 134 26.5 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.625 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

Tgt Ion:105 Resp: 255838
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.5 67.5

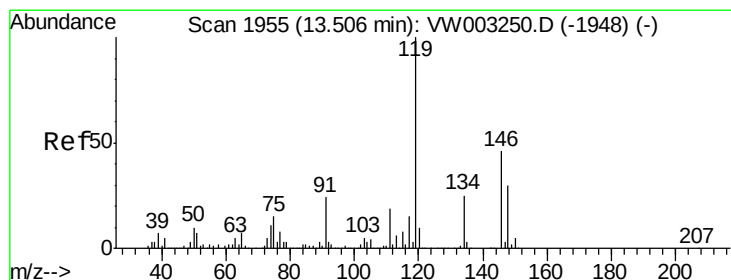
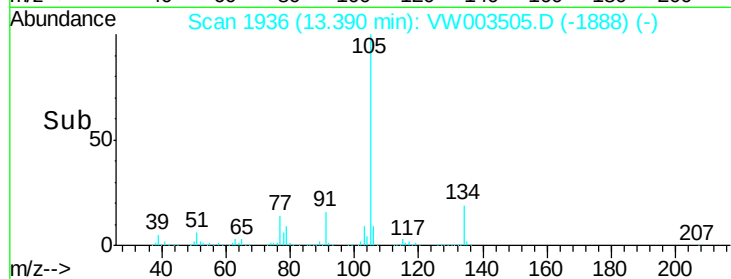
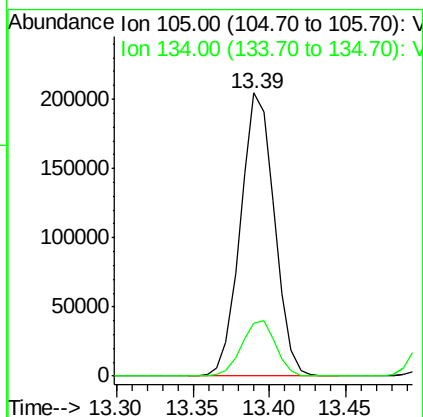
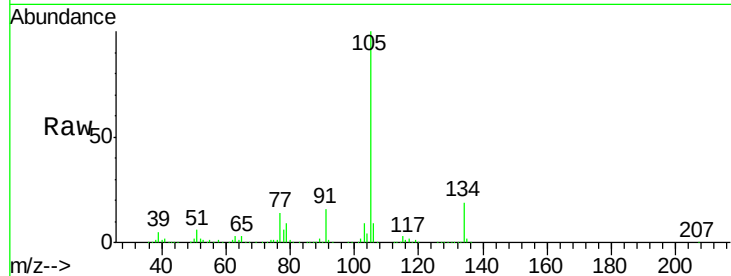




#85
 sec-Butylbenzene
 Concen: 21.551 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

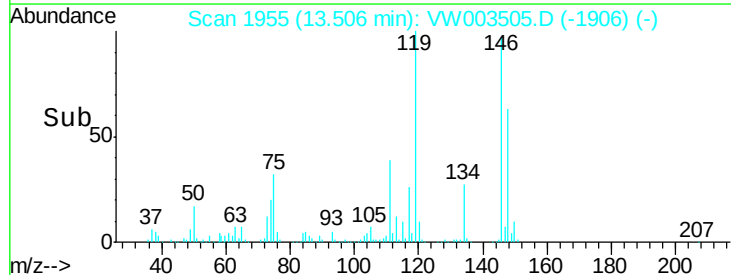
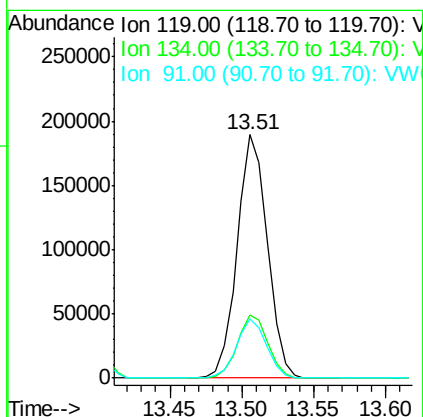
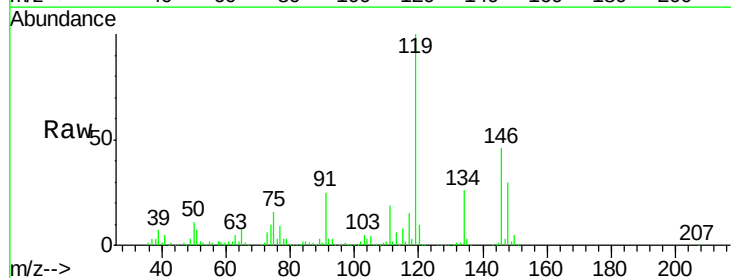
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD01

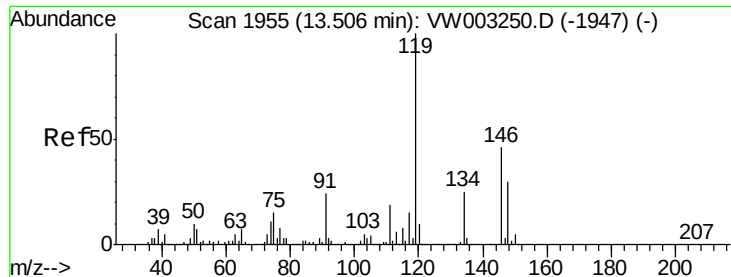
Tgt Ion:105 Resp: 313978
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 21.427 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

Tgt Ion:119 Resp: 275340
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.7
 91 24.1 11.8 35.3

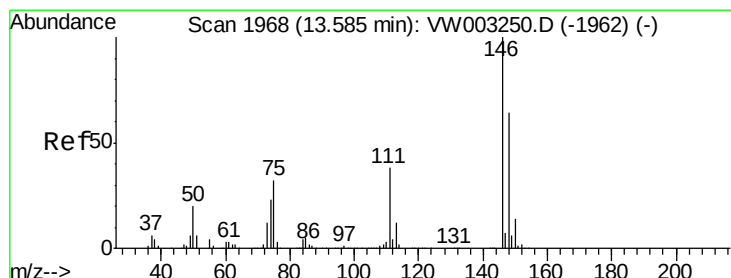
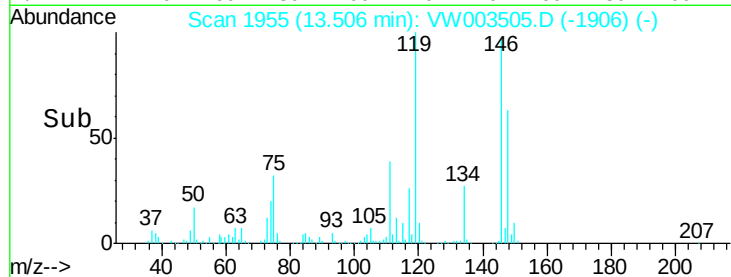
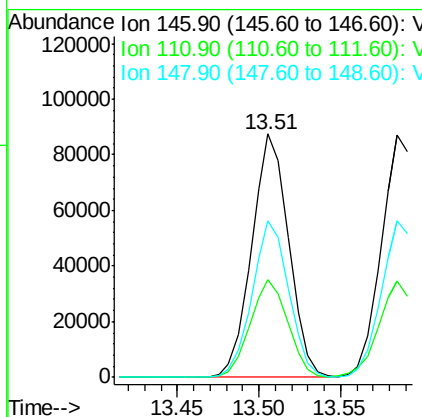
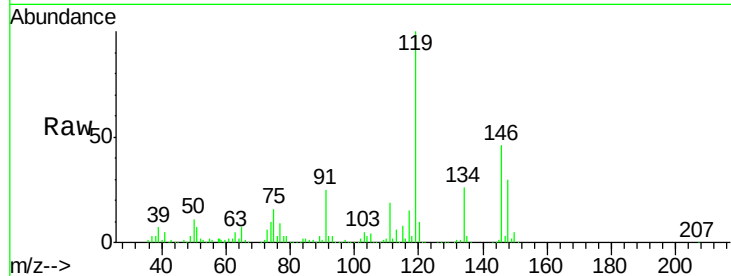




#87
 1,3-Dichlorobenzene
 Concen: 21.041 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

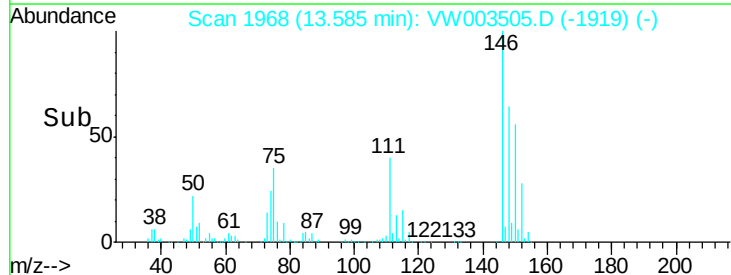
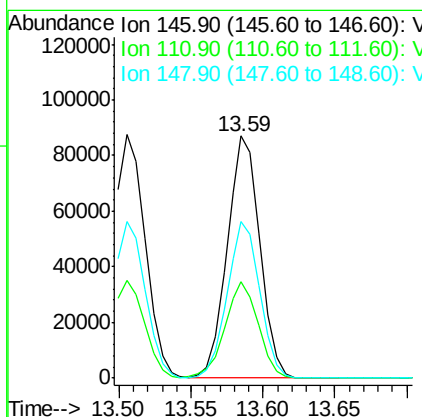
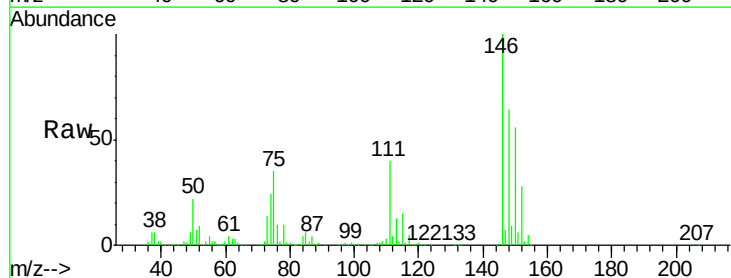
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD01

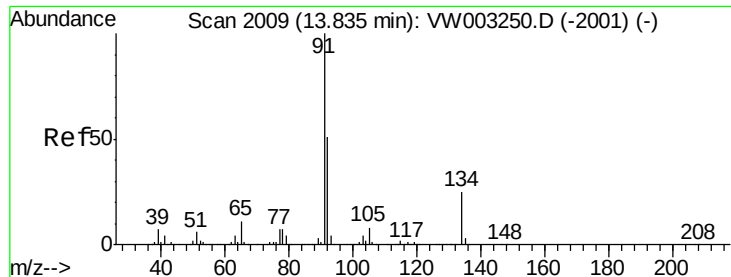
Tgt Ion:146 Resp: 137935
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.8 59.4
 148 63.6 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 21.202 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

Tgt Ion:146 Resp: 138172
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.2 57.6
 148 64.5 31.8 95.4





#89

n-Butylbenzene

Concen: 21.631 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003505.D

Acq: 24 Jun 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD01

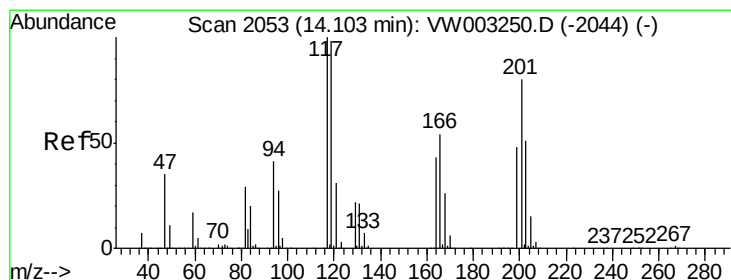
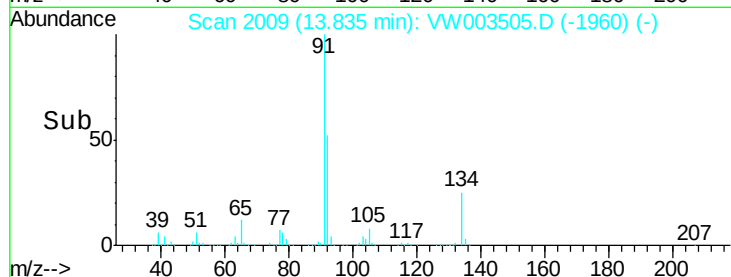
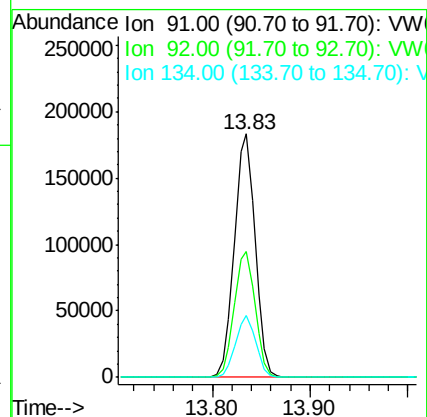
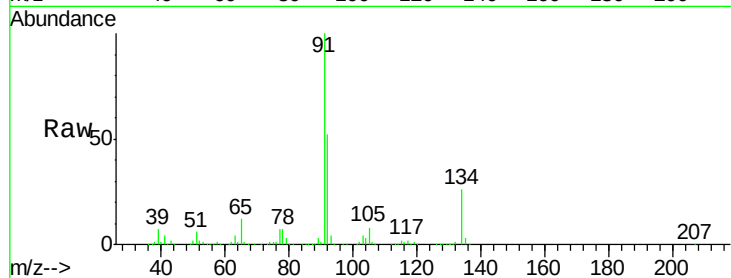
Tgt Ion: 91 Resp: 270941

Ion Ratio Lower Upper

91 100

92 52.1 26.0 78.0

134 24.9 12.7 38.0



#90

Hexachloroethane

Concen: 20.790 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003505.D

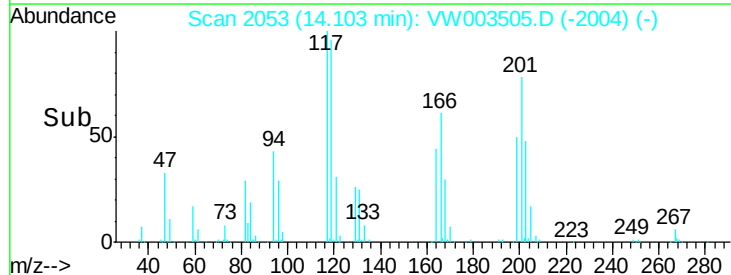
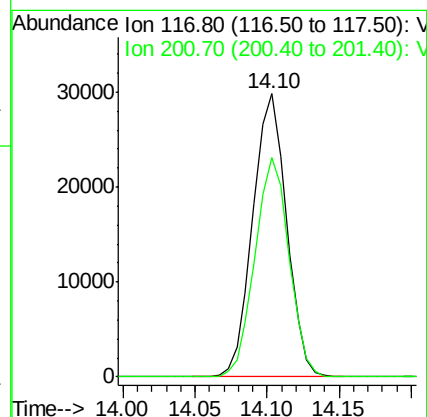
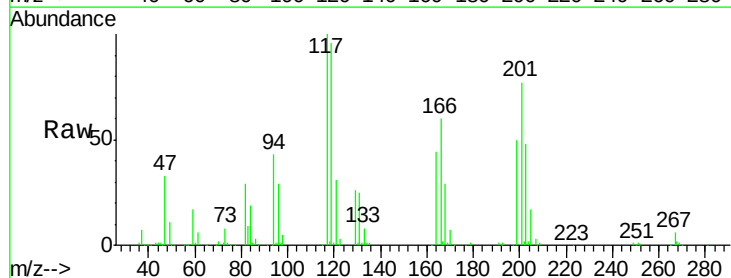
Acq: 24 Jun 2018 12:54

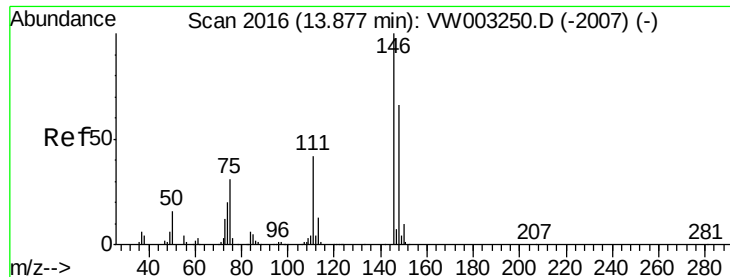
Tgt Ion: 117 Resp: 48326

Ion Ratio Lower Upper

117 100

201 77.9 39.5 118.5

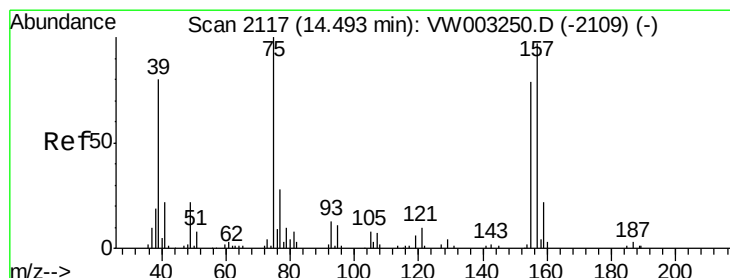
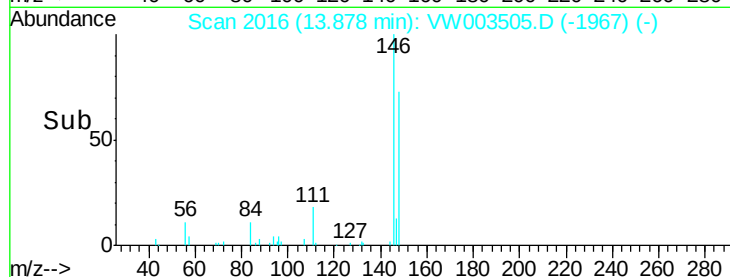
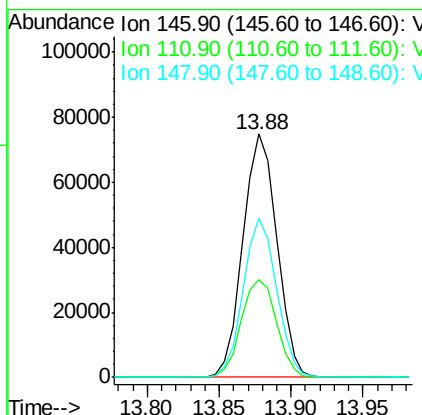
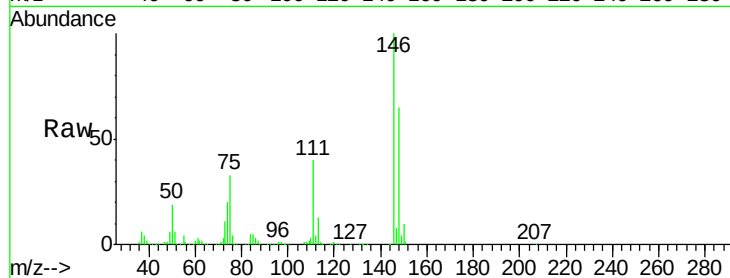




#91
 1,2-Dichlorobenzene
 Concen: 21.305 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

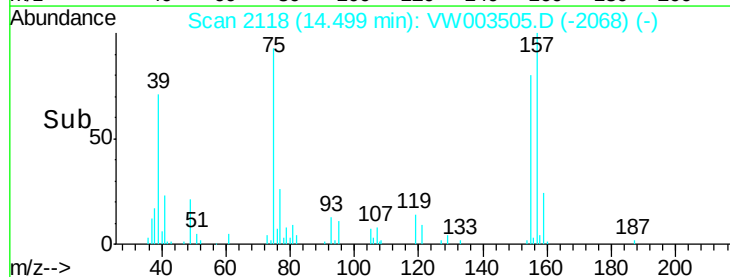
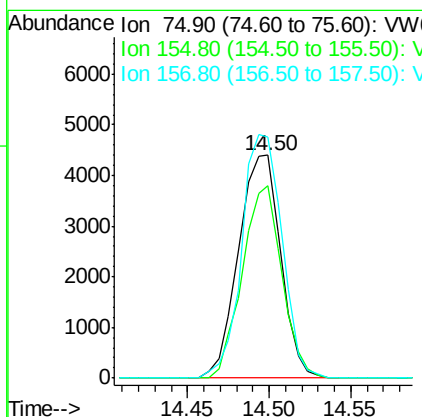
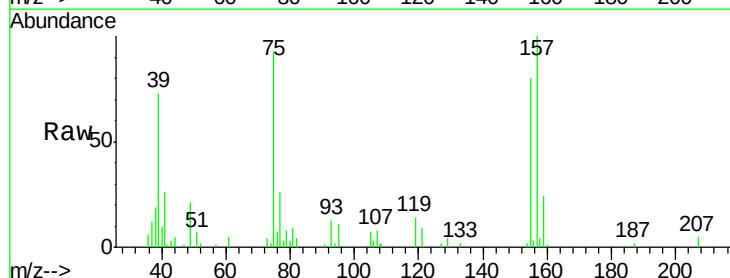
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD01

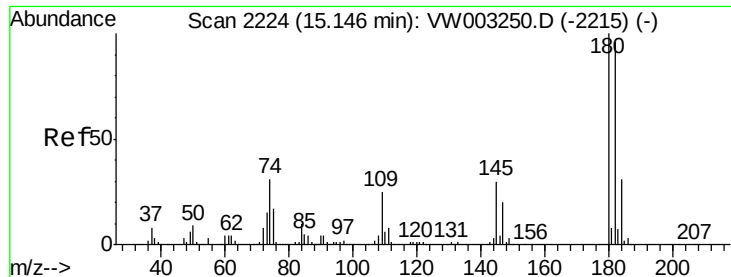
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.3	61.0
148	64.1	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.338 ug/l
 RT: 14.50 min Scan# 2118
 Delta R.T. 0.01 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.8	39.4	118.2
157	104.3	51.5	154.5

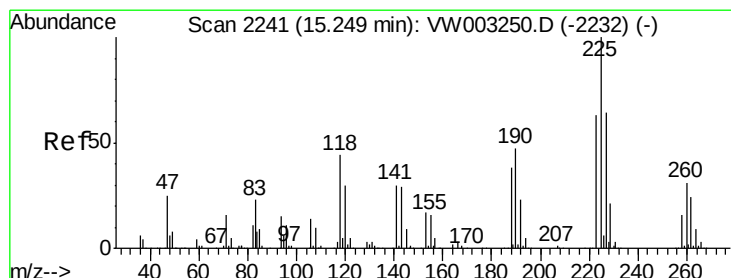
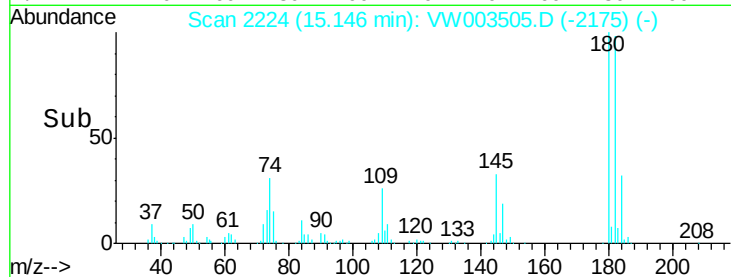
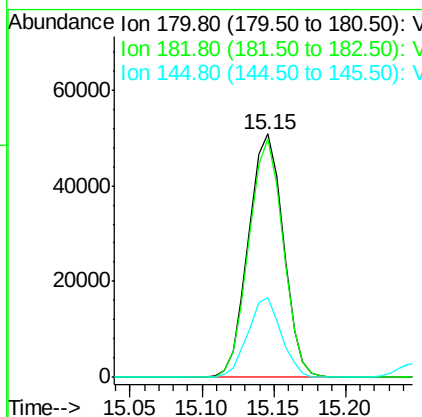
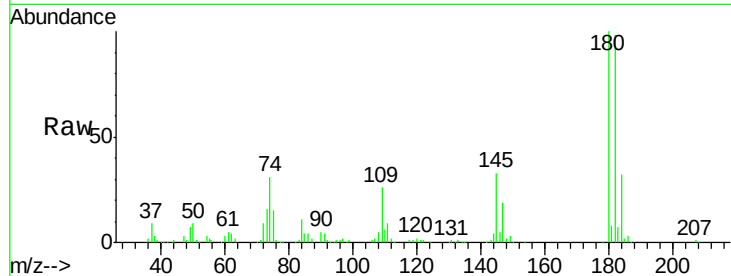




#93
 1,2,4-Trichlorobenzene
 Concen: 21.099 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

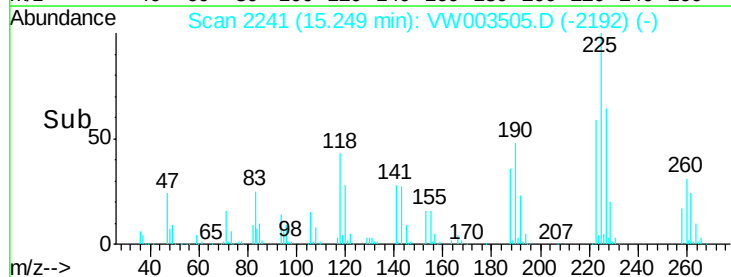
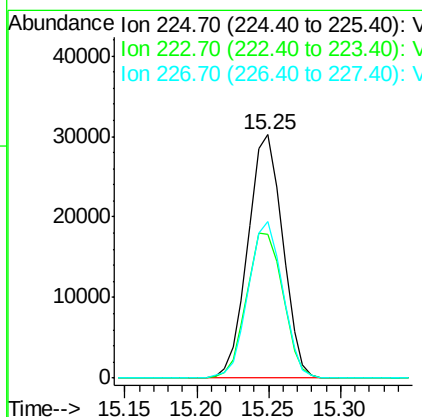
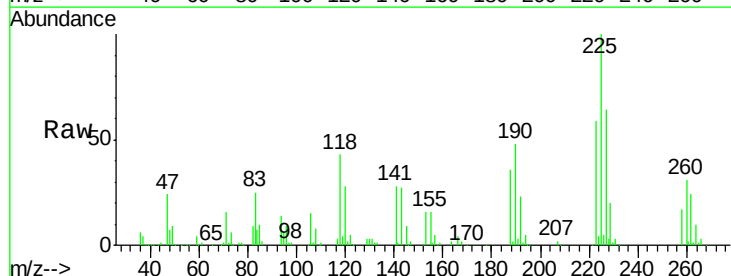
Instrument :
 MSVOA_W
 ClientSampled :
 VW0624SBSD01

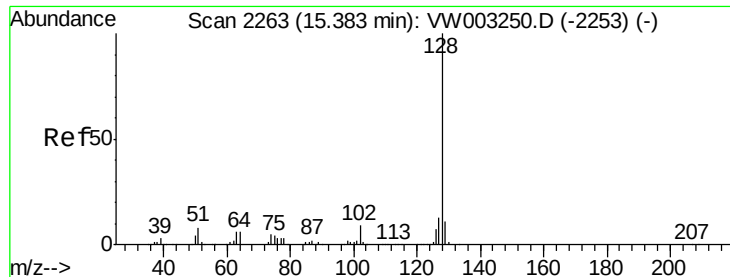
Tgt Ion:180 Resp: 85056
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.9 143.6
 145 31.4 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 20.855 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003505.D
 Acq: 24 Jun 2018 12:54

Tgt Ion:225 Resp: 50570
 Ion Ratio Lower Upper
 225 100
 223 62.3 30.6 92.0
 227 63.2 31.7 95.1

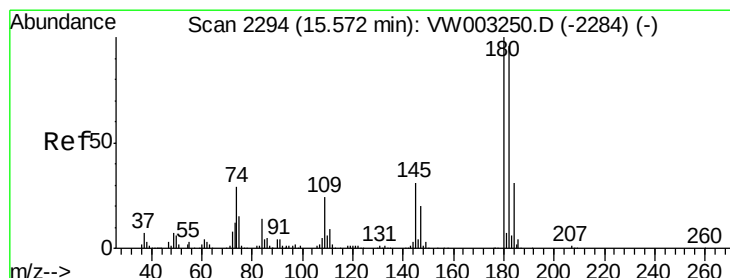
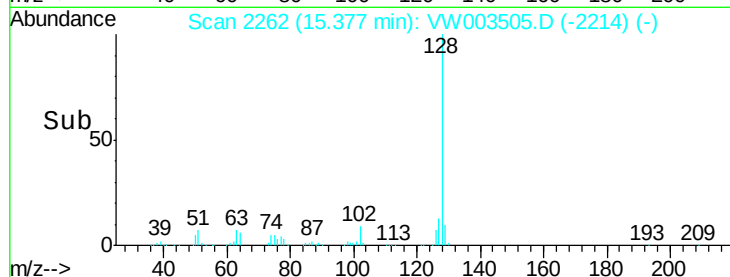
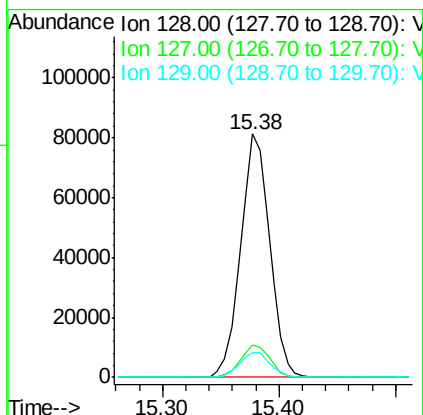
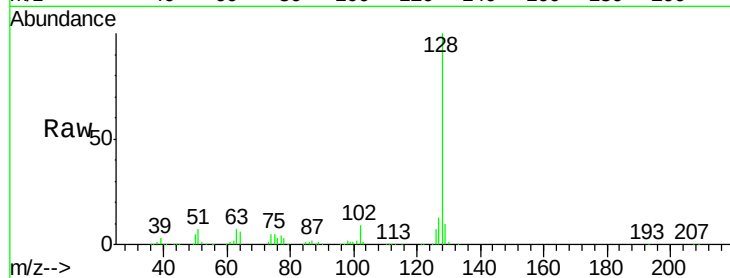




#95
Naphthalene
Concen: 20.721 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD01

Tgt Ion:128 Resp: 141694
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 21.139 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VW003505.D
Acq: 24 Jun 2018 12:54

Tgt Ion:180 Resp: 75008
Ion Ratio Lower Upper
180 100
182 95.0 47.9 143.6
145 30.6 15.8 47.4

