

Data File : VW003248.D
Acq On : 13 Jun 2018 16:32
Operator : VA/AP
Sample : VSTDIC010
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Quant Time: Jun 14 07:52:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 14 07:51:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	257838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	402158	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	361951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	192901	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	28459	11.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	22.34%	
35) Dibromofluoromethane	7.88	113	24375	10.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.52%	
50) Toluene-d8	10.33	98	96964	10.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.02%	
62) 4-Bromofluorobenzene	12.62	95	33768	10.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	6627	8.85	ug/l	96
3) Chloromethane	2.21	50	20042	10.14	ug/l	94
4) Vinyl Chloride	2.36	62	29831	9.76	ug/l	100
5) Bromomethane	2.78	94	19239	8.70	ug/l	100
6) Chloroethane	2.92	64	20038	8.67	ug/l	98
7) Trichlorofluoromethane	3.25	101	18075	10.56	ug/l	94
8) Diethyl Ether	3.68	74	13595	10.03	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	24942	10.82	ug/l	96
10) Methyl Iodide	4.26	142	37231	9.85	ug/l	100
11) Tert butyl alcohol	5.23	59	2872	17.23	ug/l #	72
12) 1,1-Dichloroethene	4.03	96	24774	10.67	ug/l	98
13) Acrolein	3.90	56	11927	68.57	ug/l	94
14) Allyl chloride	4.66	41	40486	10.52	ug/l	100
15) Acrylonitrile	5.39	53	26820	51.15	ug/l	99
16) Acetone	4.15	43	31087	61.14	ug/l	98
17) Carbon Disulfide	4.37	76	71759	10.25	ug/l	100
18) Methyl Acetate	4.67	43	12817	9.79	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	43420	9.95	ug/l	97
20) Methylene Chloride	4.91	84	33718	13.11	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	26192	10.36	ug/l	96
22) Diisopropyl ether	6.32	45	80498	10.26	ug/l	97
23) Vinyl Acetate	6.26	43	231773	50.17	ug/l	99
24) 1,1-Dichloroethane	6.21	63	49237	10.65	ug/l	97
25) 2-Butanone	7.19	43	38121	54.66	ug/l	93
26) 2,2-Dichloropropane	7.17	77	34796	12.20	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	28002	10.08	ug/l	94
28) Bromochloromethane	7.51	49	18014	9.65	ug/l	96
29) Tetrahydrofuran	7.55	42	22554	50.15	ug/l	98
30) Chloroform	7.68	83	50928	10.71	ug/l	98
31) Cyclohexane	7.96	56	47766	10.94	ug/l #	88
32) 1,1,1-Trichloroethane	7.88	97	42033	10.91	ug/l	99
36) 1,1-Dichloropropene	8.09	75	40365	10.68	ug/l	98
37) Ethyl Acetate	7.26	43	16760	10.09	ug/l	99
38) Carbon Tetrachloride	8.07	117	38881	10.54	ug/l	98

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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	44242	9.88	ug/l	97
40) Benzene	8.33	78	108274	10.23	ug/l	100
41) Methacrylonitrile	7.49	41	9666	10.15	ug/l	97
42) 1,2-Dichloroethane	8.40	62	34340	10.44	ug/l	99
43) Isopropyl Acetate	8.43	43	32158	10.01	ug/l	100
44) Trichloroethene	9.10	130	29215	10.26	ug/l	100
45) 1,2-Dichloropropane	9.37	63	27548	10.37	ug/l	95
46) Dibromomethane	9.46	93	13774	9.70	ug/l	96
47) Bromodichloromethane	9.65	83	35888	10.35	ug/l	99
48) Methyl methacrylate	9.44	41	14021	9.18	ug/l	95
49) 1,4-Dioxane	9.49	88	4489	203.95	ug/l #	1
51) 4-Methyl-2-Pentanone	10.22	43	80069	49.05	ug/l	99
52) Toluene	10.39	92	69326	10.21	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	34838	9.75	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	40385	9.94	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	20011	10.20	ug/l	93
56) Ethyl methacrylate	10.65	69	21738	8.94	ug/l	96
57) 1,3-Dichloropropane	10.94	76	34249	10.10	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	51608	46.52	ug/l	100
59) 2-Hexanone	10.98	43	55870	50.29	ug/l	100
60) Dibromochloromethane	11.13	129	22978	9.74	ug/l	99
61) 1,2-Dibromoethane	11.24	107	18477	9.77	ug/l	96
64) Tetrachloroethene	10.87	164	24538	9.57	ug/l	98
65) Chlorobenzene	11.66	112	78043	10.49	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	27188	10.47	ug/l	98
67) Ethyl Benzene	11.74	91	132210	10.05	ug/l	99
68) m/p-Xylenes	11.85	106	102015	20.27	ug/l	98
69) o-Xylene	12.17	106	46432	9.79	ug/l	99
70) Styrene	12.19	104	76172	9.61	ug/l	99
71) Bromoform	12.35	173	13346	9.62	ug/l #	100
73) Isopropylbenzene	12.47	105	130794	9.79	ug/l	100
74) N-amyl acetate	12.28	43	28184	9.16	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	23318	10.25	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	30643	17.91	ug/l #	100
77) Bromobenzene	12.76	156	30865	9.80	ug/l	97
78) n-propylbenzene	12.81	91	161407	10.12	ug/l	99
79) 2-Chlorotoluene	12.90	91	91929	10.15	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	110855	9.95	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	6657	9.87	ug/l	93
82) 4-Chlorotoluene	12.99	91	98757	10.21	ug/l	100
83) tert-Butylbenzene	13.21	119	92050	9.39	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	112825	9.81	ug/l	100
85) sec-Butylbenzene	13.40	105	140451	10.09	ug/l	99
86) p-Isopropyltoluene	13.51	119	122460	9.84	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	65210	10.29	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	65505	10.35	ug/l	97
89) n-Butylbenzene	13.83	91	118867	10.09	ug/l	99
90) Hexachloroethane	14.10	117	22466	10.16	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	56911	10.08	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4113	10.53	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061318\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	39480	9.83	ug/l	98
94) Hexachlorobutadiene	15.25	225	24921	10.59	ug/l	98
95) Naphthalene	15.38	128	62690	8.82	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	34733	9.82	ug/l	98

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

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Operator : VA/AP

Sample : VSTDICC010

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ALS Vial      : 5      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

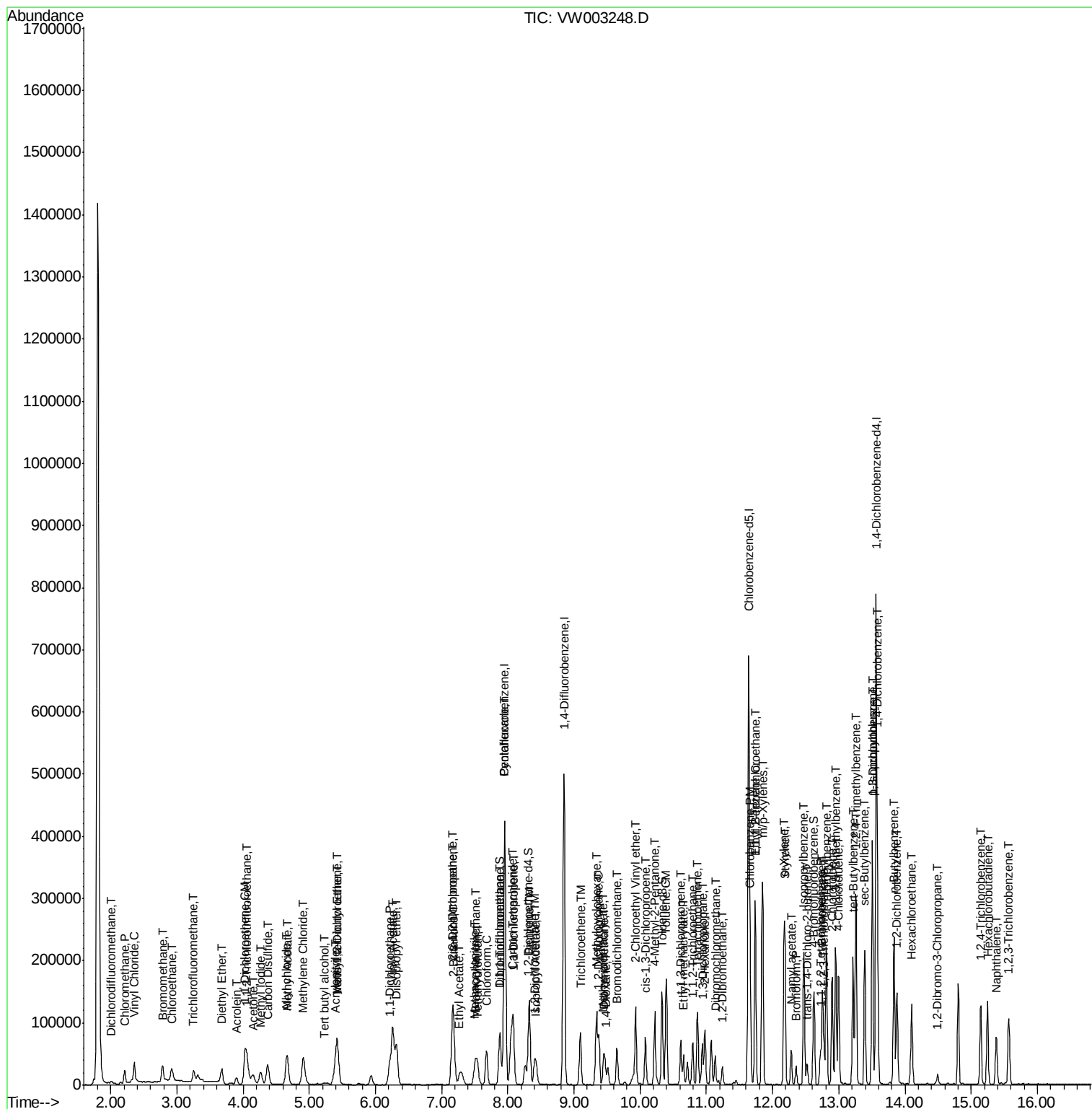
Quant Time: Jun 14 07:52:23 2018

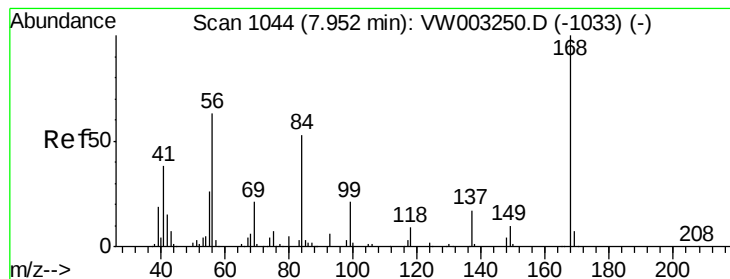
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_W\METHOD\82W061318S.M

Quant Title : SW846 8260

QLast Update : Thu Jun 14 07:51:28 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

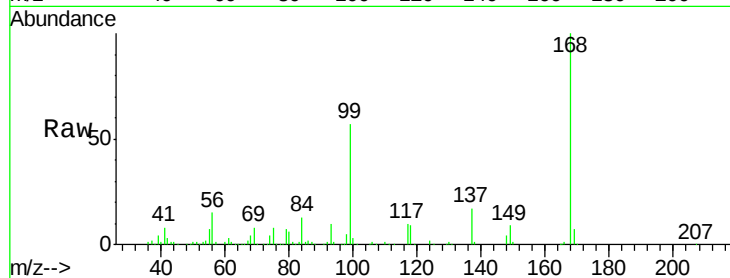
VSTDIC010

Tgt Ion:168 Resp: 257838

Ion Ratio Lower Upper

168 100

99 57.3 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

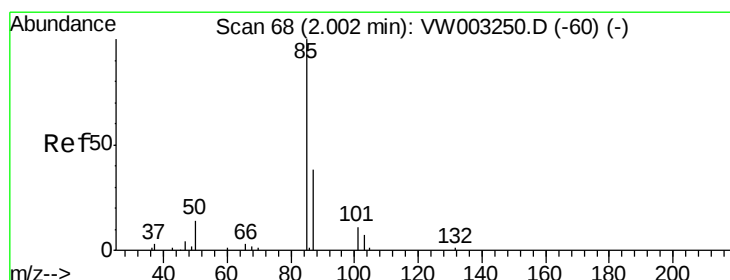
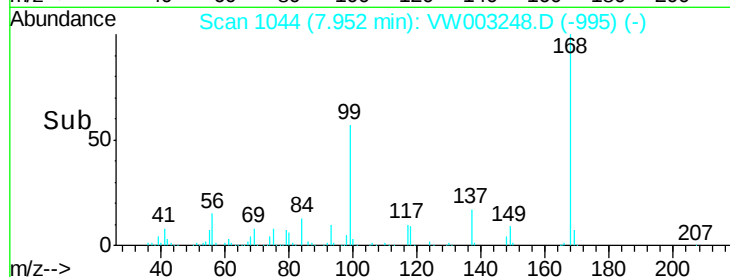
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 8.85 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW003248.D

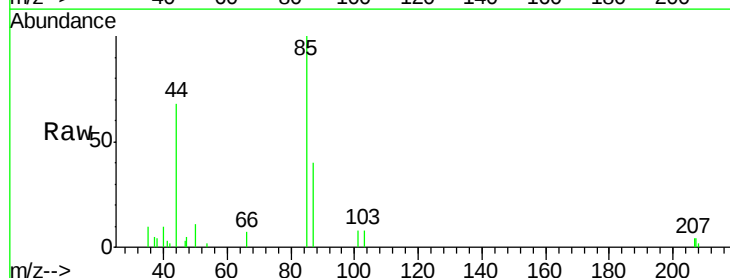
Acq: 13 Jun 2018 16:32

Tgt Ion: 85 Resp: 6627

Ion Ratio Lower Upper

85 100

87 39.9 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

2500

2000

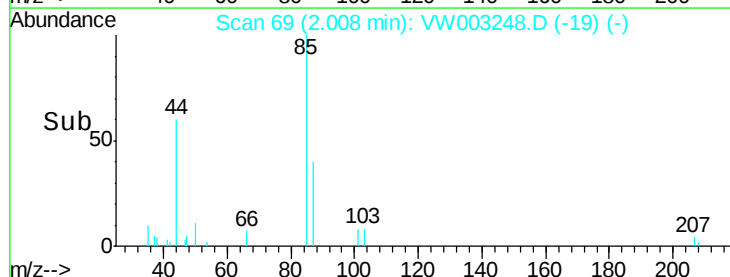
1500

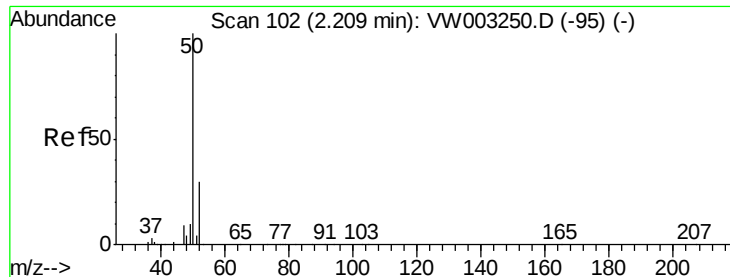
1000

500

0

Time-->





#3

Chloromethane

Concen: 10.14 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

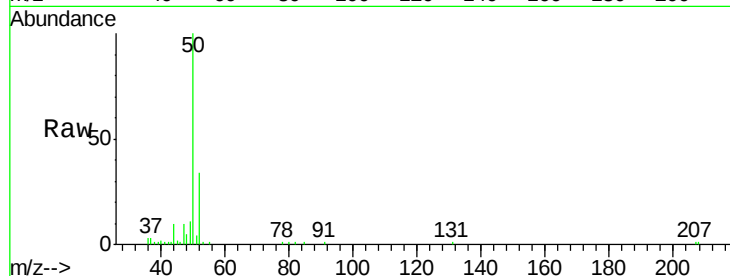
VSTDIC010

Tgt Ion: 50 Resp: 20042

Ion Ratio Lower Upper

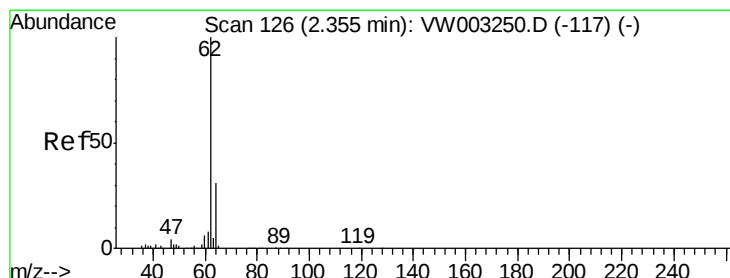
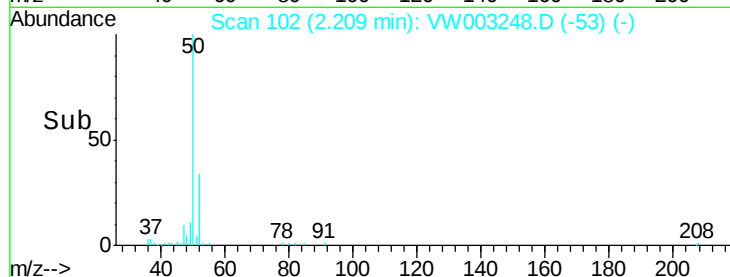
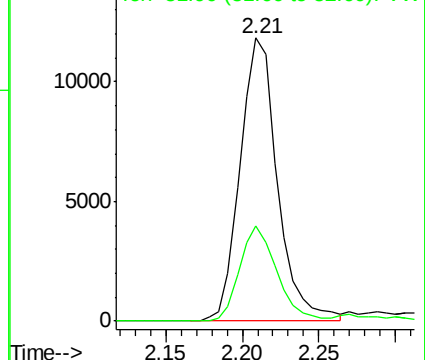
50 100

52 33.6 24.2 36.2



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 9.76 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003248.D

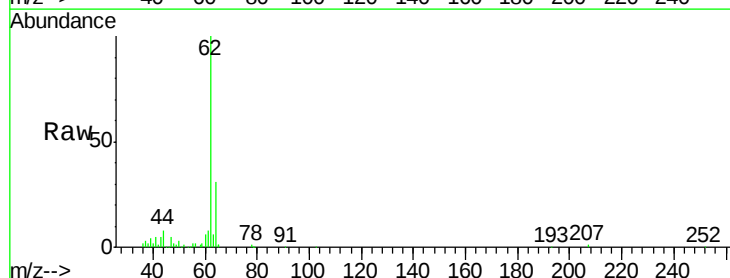
Acq: 13 Jun 2018 16:32

Tgt Ion: 62 Resp: 29831

Ion Ratio Lower Upper

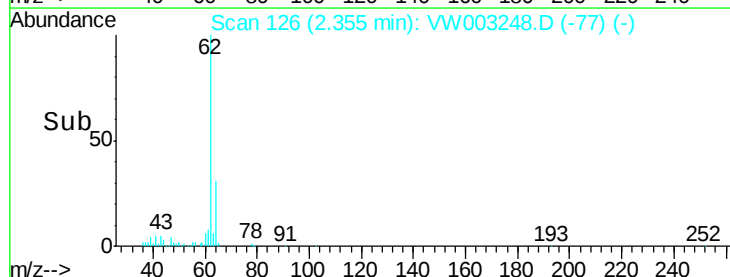
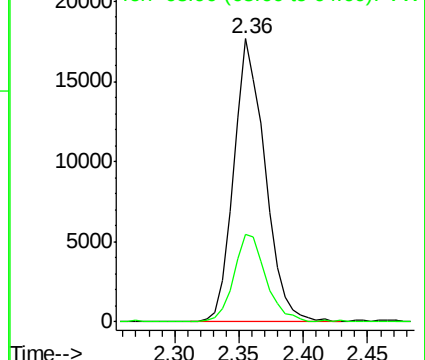
62 100

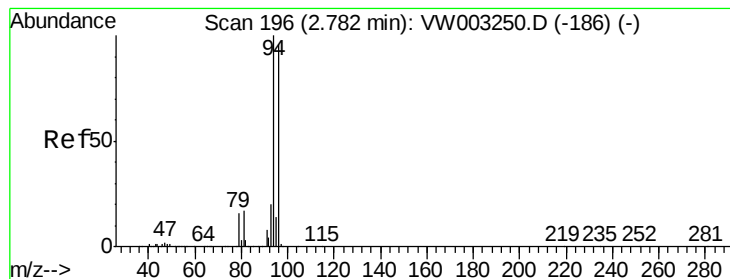
64 31.0 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 8.70 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Instrument :

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ClientSampleId :

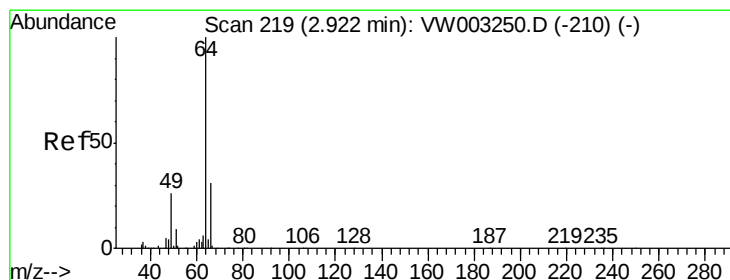
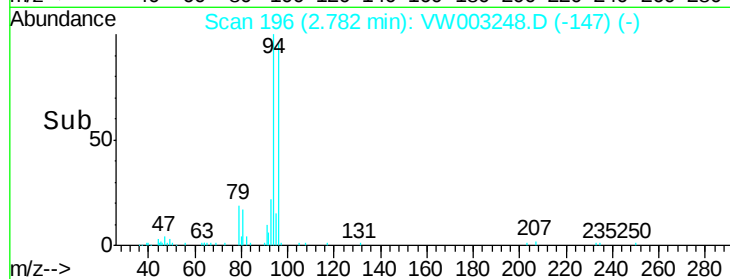
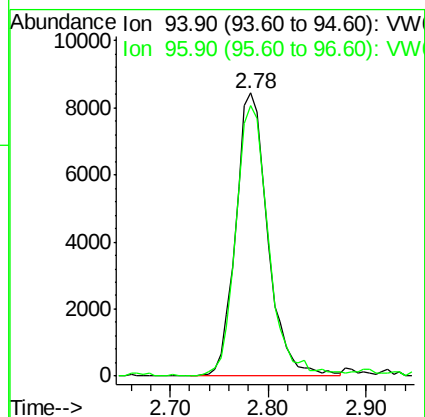
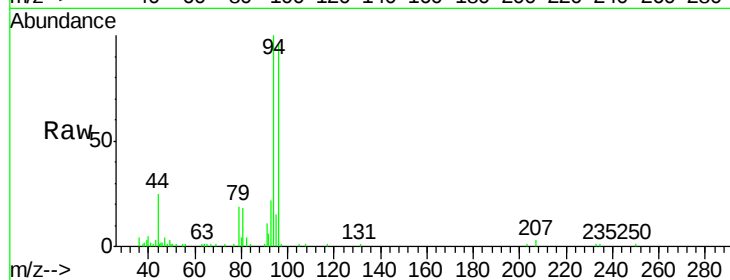
VSTDIC010

Tgt Ion: 94 Resp: 19239

Ion Ratio Lower Upper

94 100

96 95.8 76.5 114.7



#6

Chloroethane

Concen: 8.67 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003248.D

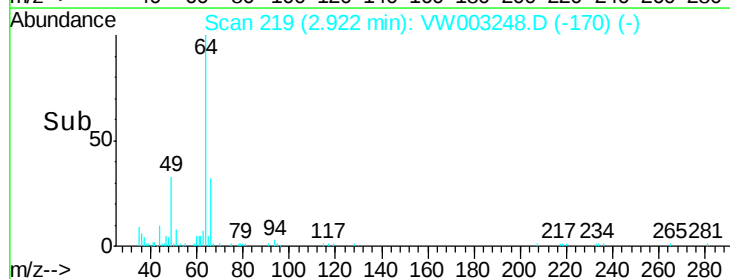
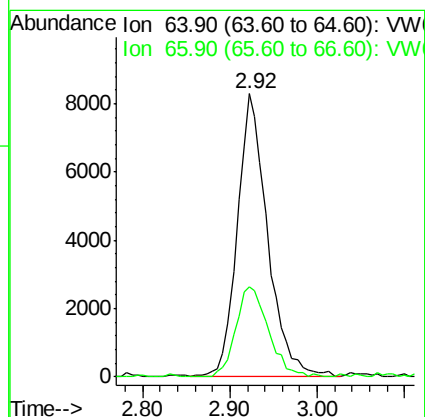
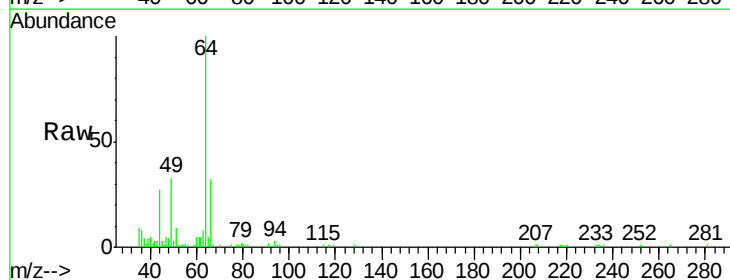
Acq: 13 Jun 2018 16:32

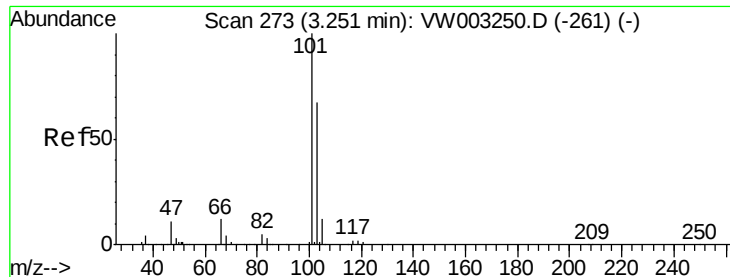
Tgt Ion: 64 Resp: 20038

Ion Ratio Lower Upper

64 100

66 31.8 24.4 36.6





#7

Trichlorofluoromethane

Concen: 10.56 ug/l

RT: 3.25 min Scan# 273

Delta R.T. 0.00 min

Lab File: VW003248.D

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Instrument :

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ClientSampleId :

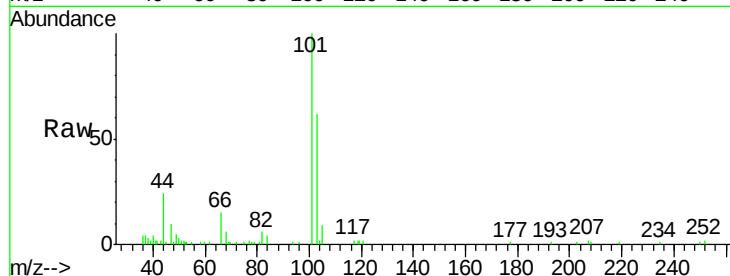
VSTDIC010

Tgt Ion:101 Resp: 18075

Ion Ratio Lower Upper

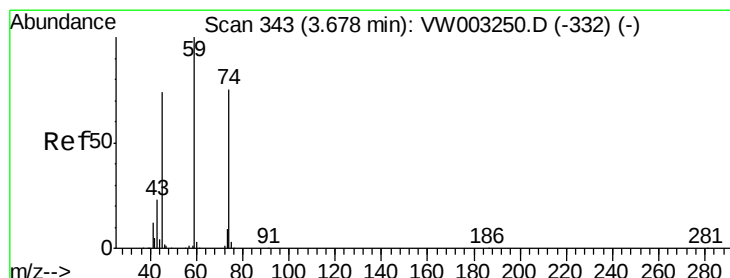
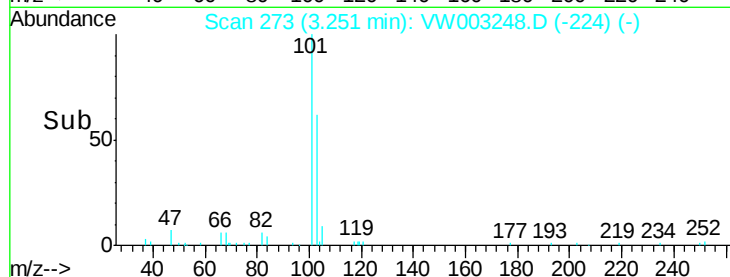
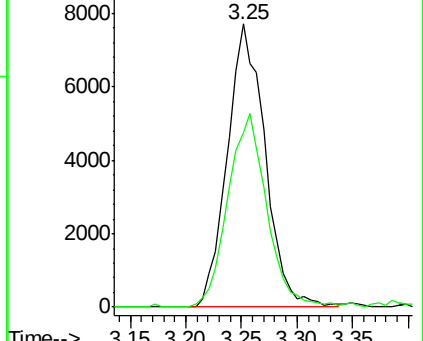
101 100

103 61.9 53.4 80.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 10.03 ug/l

RT: 3.68 min Scan# 344

Delta R.T. 0.01 min

Lab File: VW003248.D

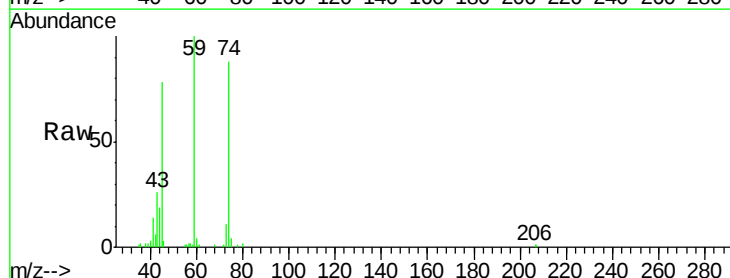
Acq: 13 Jun 2018 16:32

Tgt Ion: 74 Resp: 13595

Ion Ratio Lower Upper

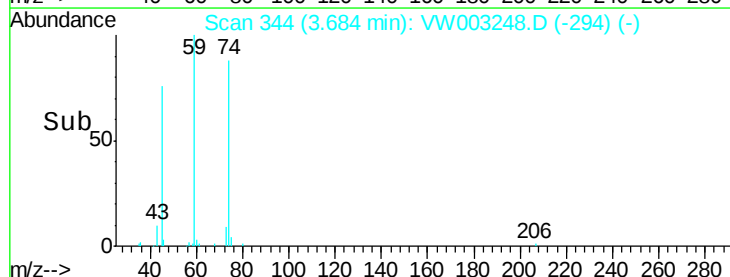
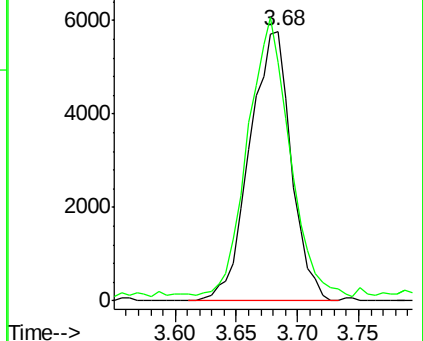
74 100

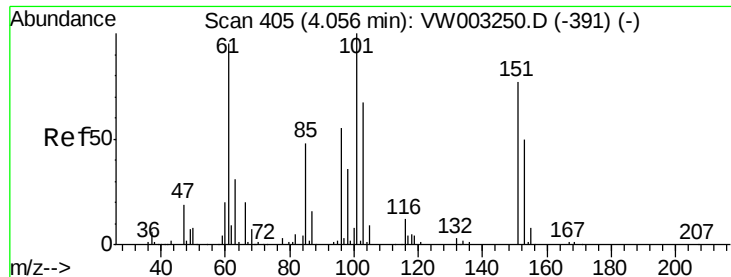
45 105.0 51.4 154.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.82 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

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VSTDIC010

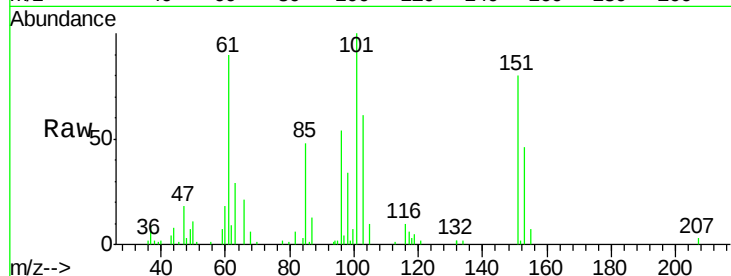
Tgt Ion:101 Resp: 24942

Ion Ratio Lower Upper

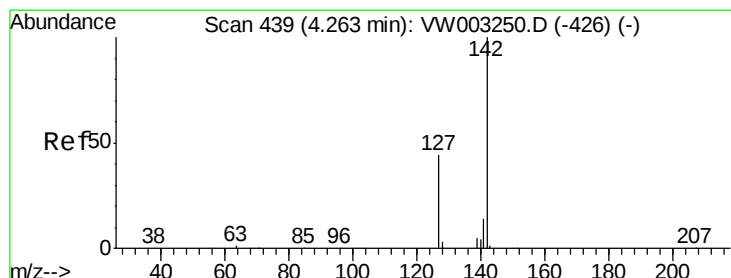
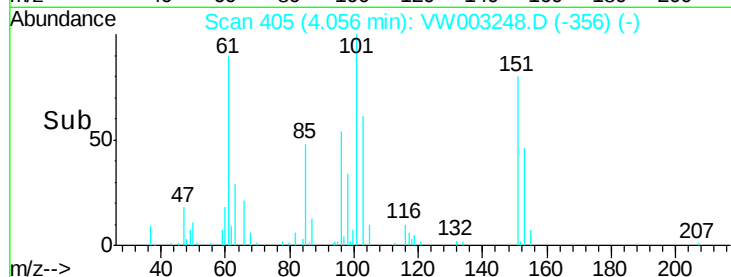
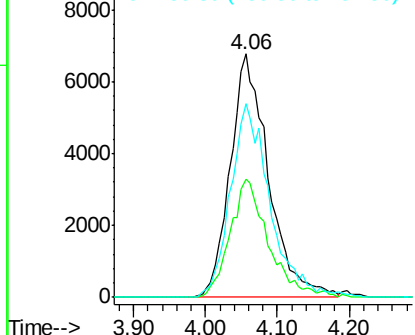
101 100

85 48.7 37.0 55.6

151 82.5 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: 9.85 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

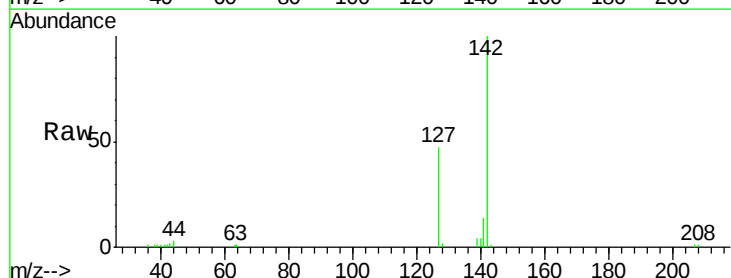
Tgt Ion:142 Resp: 37231

Ion Ratio Lower Upper

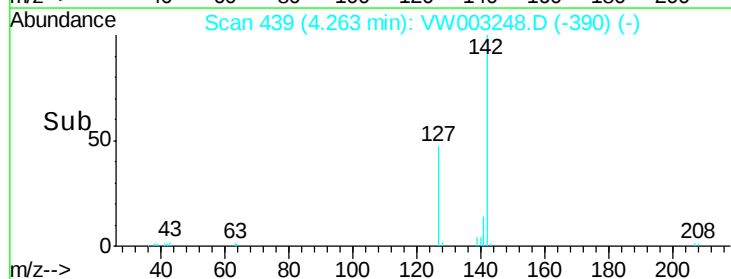
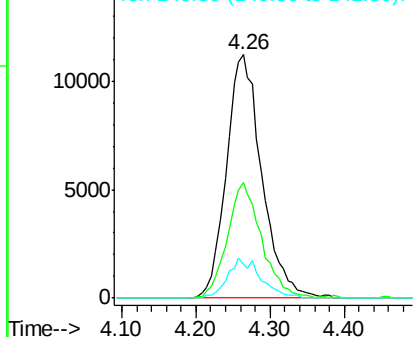
142 100

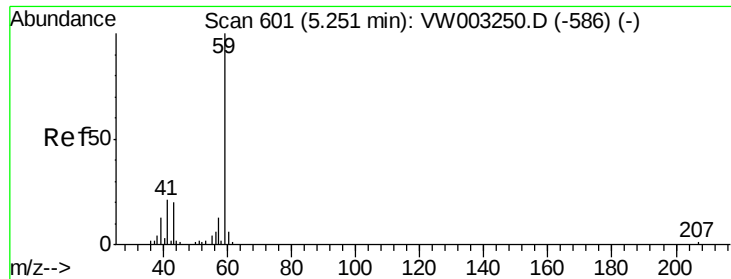
127 45.8 36.5 54.7

141 15.2 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

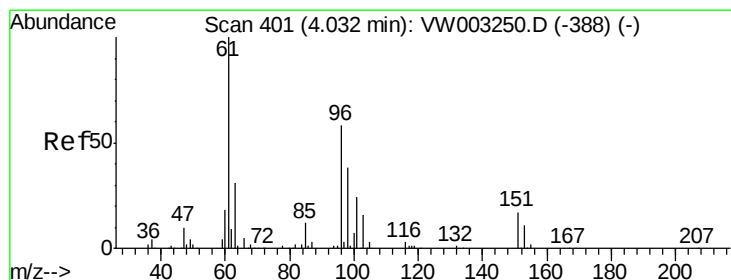
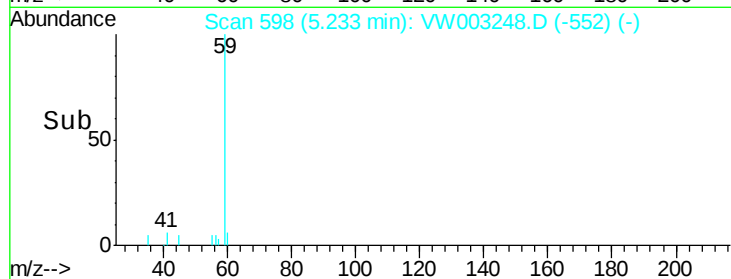
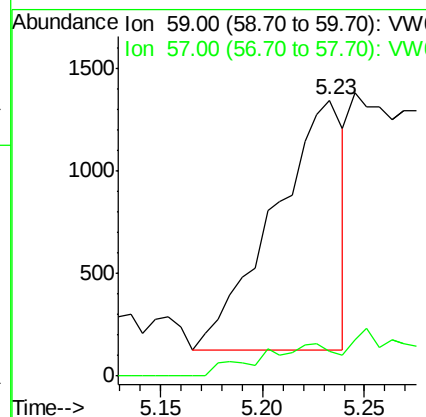
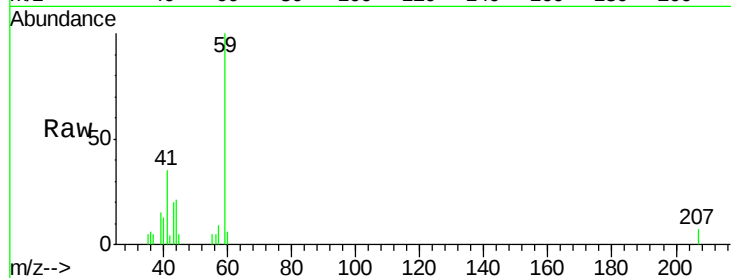




#11
Tert butyl alcohol
Concen: 17.23 ug/l
RT: 5.23 min Scan# 598
Delta R.T. -0.02 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

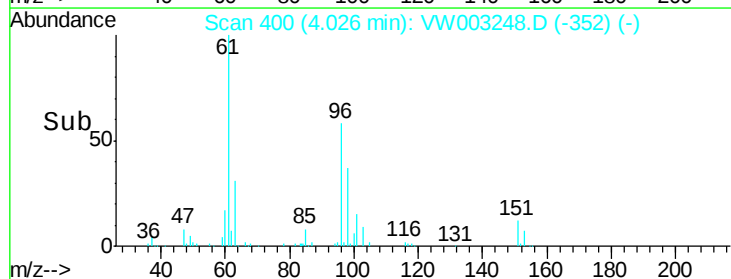
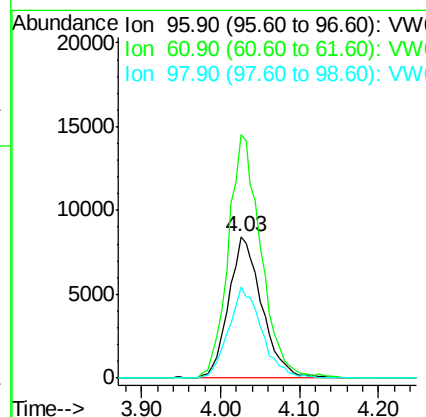
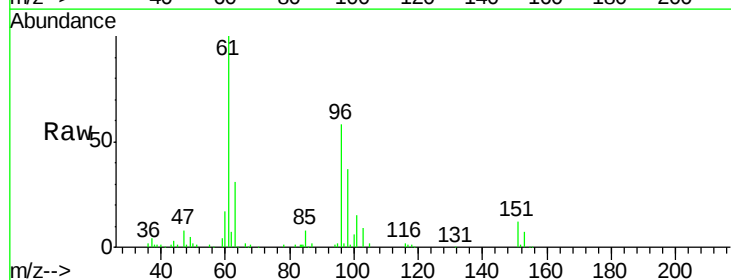
Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

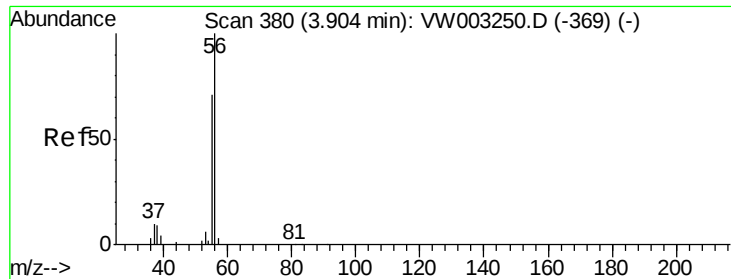
Tgt Ion: 59 Resp: 2872
Ion Ratio Lower Upper
59 100
57 14.4 4.2 6.2#



#12
1,1-Dichloroethene
Concen: 10.67 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.01 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Tgt Ion: 96 Resp: 24774
Ion Ratio Lower Upper
96 100
61 172.3 139.0 208.4
98 64.3 53.3 79.9





#13

Acrolein

Concen: 68.57 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

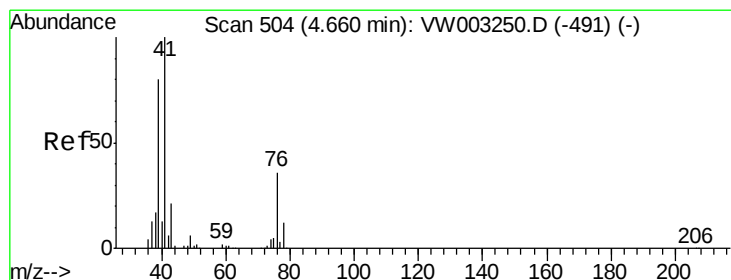
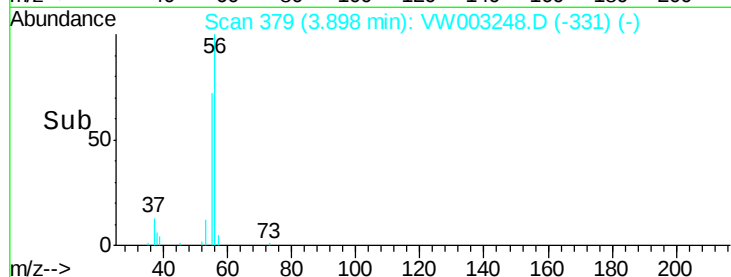
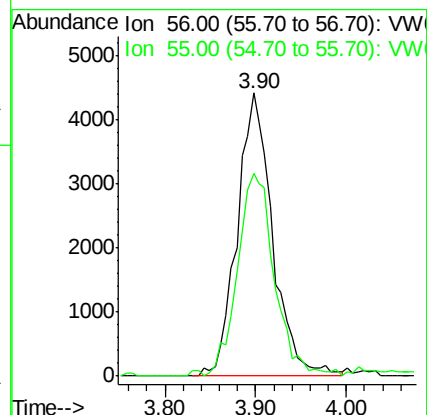
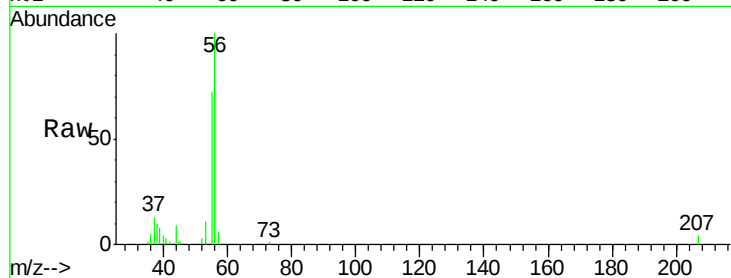
VSTDIC010

Tgt Ion: 56 Resp: 11927

Ion Ratio Lower Upper

56 100

55 74.2 55.4 83.2



#14

Allyl chloride

Concen: 10.52 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

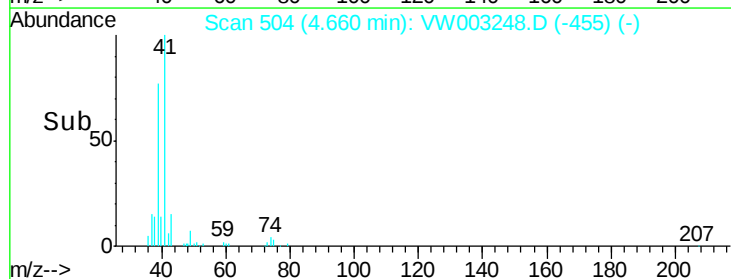
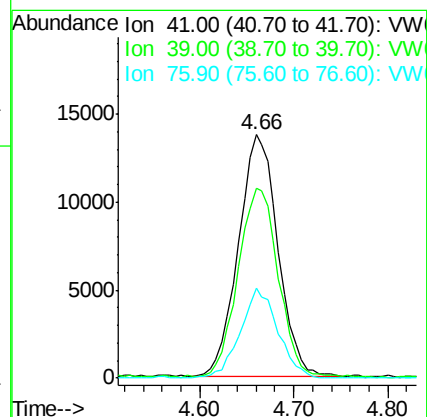
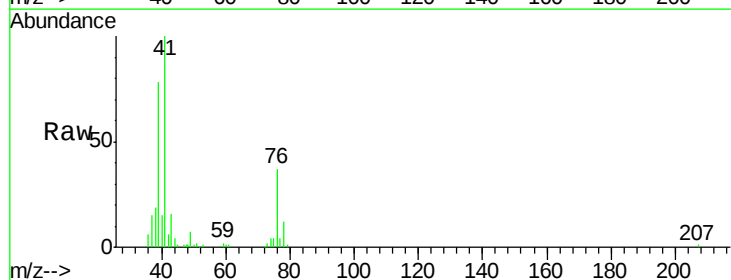
Tgt Ion: 41 Resp: 40486

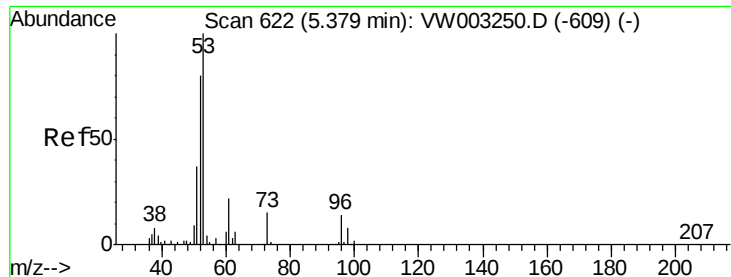
Ion Ratio Lower Upper

41 100

39 78.5 63.2 94.8

76 35.0 28.0 42.0





#15

Acrylonitrile

Concen: 51.15 ug/l

RT: 5.39 min Scan# 623

Delta R.T. 0.01 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

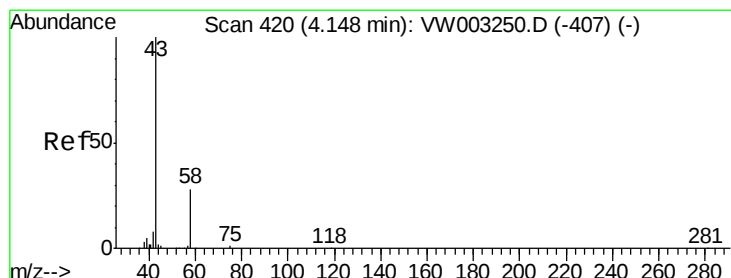
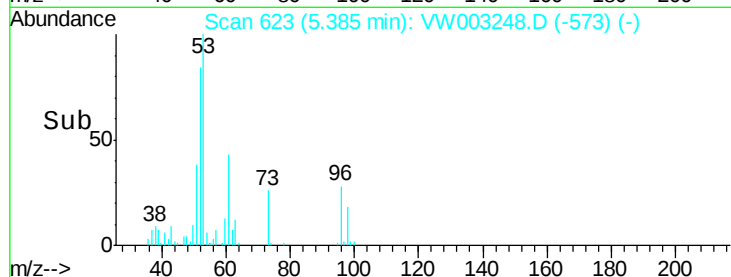
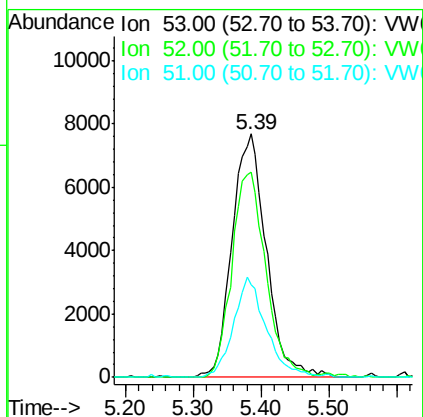
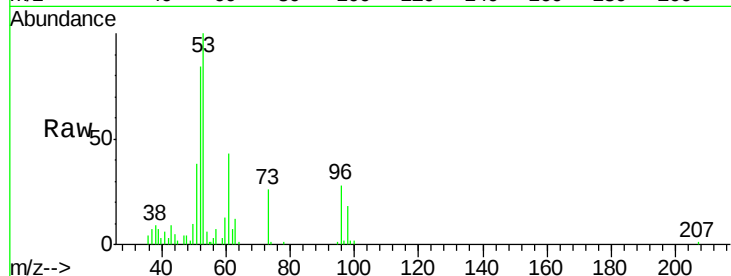
Tgt Ion: 53 Resp: 26820

Ion Ratio Lower Upper

53 100

52 83.9 66.6 100.0

51 39.4 30.6 46.0



#16

Acetone

Concen: 61.14 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003248.D

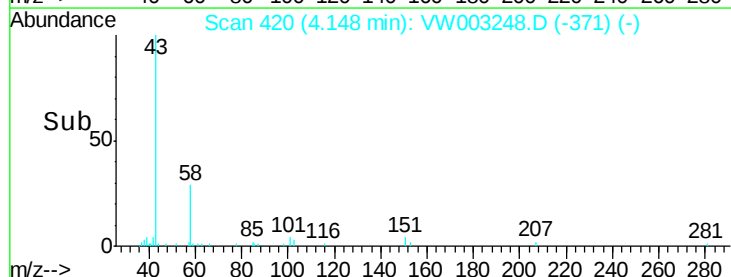
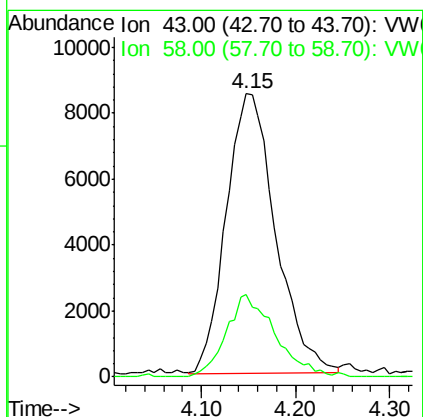
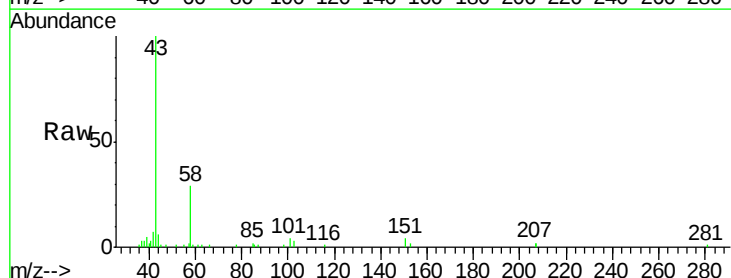
Acq: 13 Jun 2018 16:32

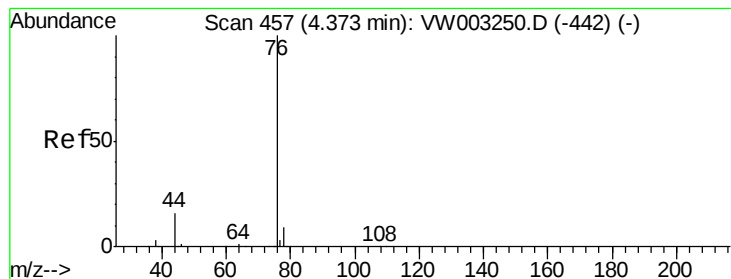
Tgt Ion: 43 Resp: 31087

Ion Ratio Lower Upper

43 100

58 29.6 22.6 34.0





#17

Carbon Disulfide

Concen: 10.25 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

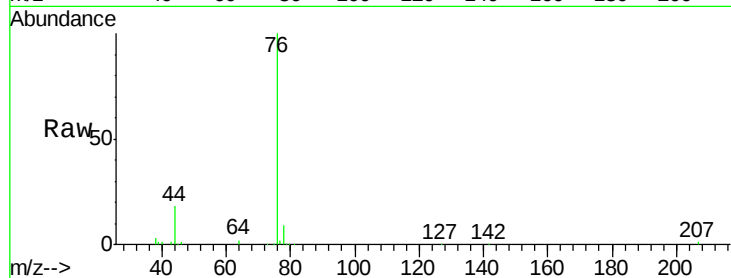
VSTDIC010

Tgt Ion: 76 Resp: 71759

Ion Ratio Lower Upper

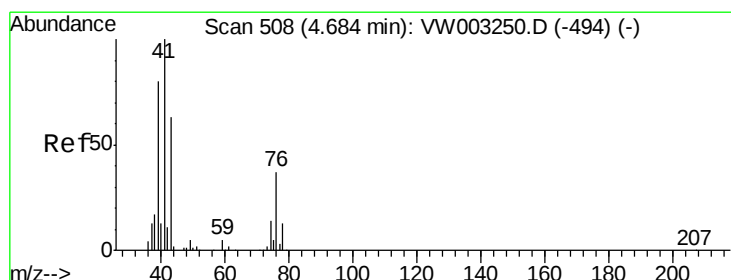
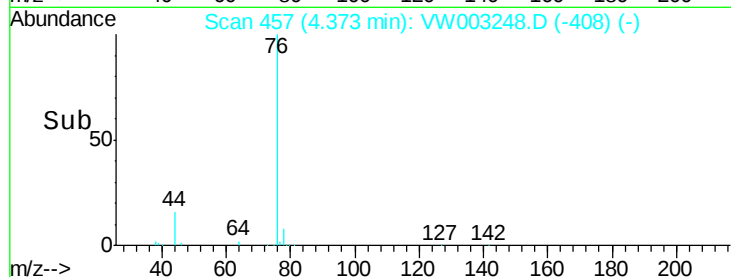
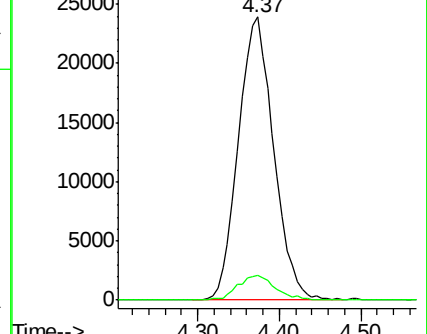
76 100

78 8.8 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 9.79 ug/l

RT: 4.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: VW003248.D

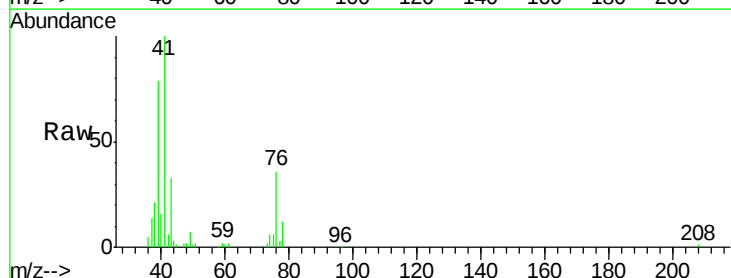
Acq: 13 Jun 2018 16:32

Tgt Ion: 43 Resp: 12817

Ion Ratio Lower Upper

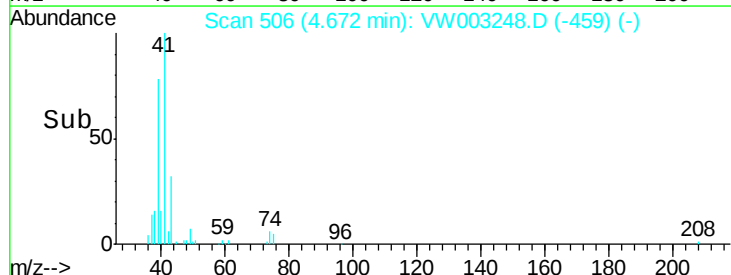
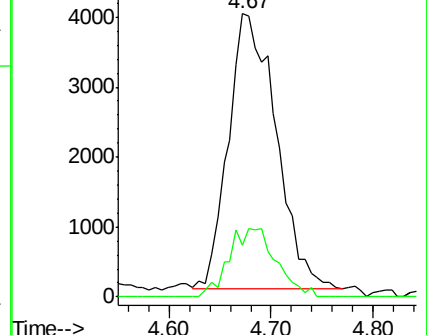
43 100

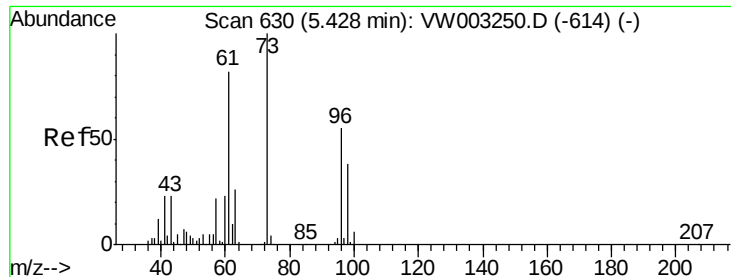
74 24.6 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#19

Methyl tert-butyl Ether

Concen: 9.95 ug/l

RT: 5.43 min Scan# 630

Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

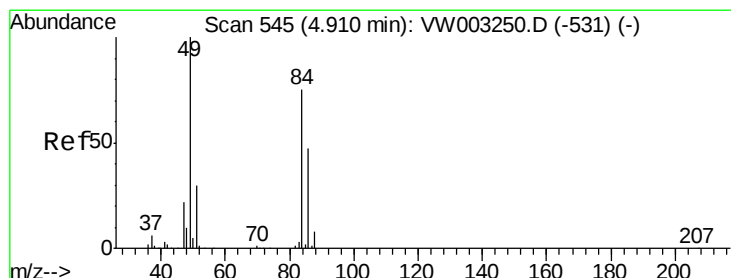
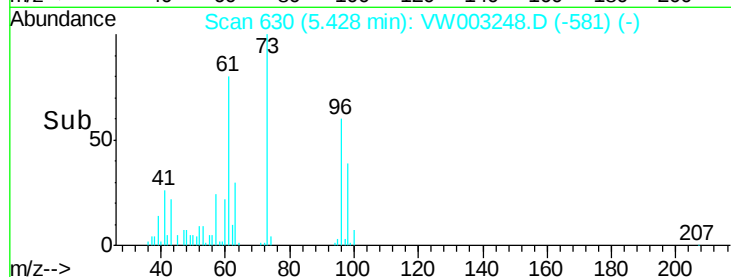
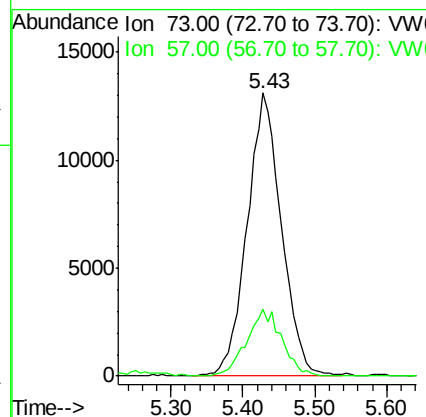
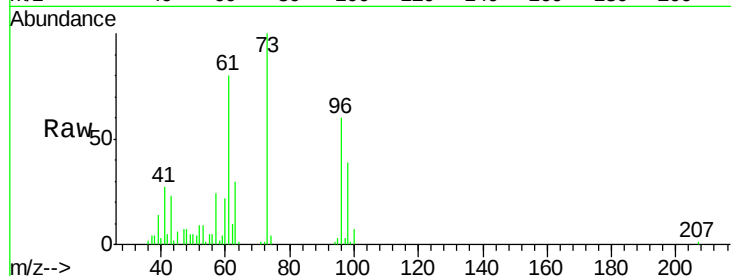
VSTDIC010

Tgt Ion: 73 Resp: 43420

Ion Ratio Lower Upper

73 100

57 23.9 18.0 27.0



#20

Methylene Chloride

Concen: 13.11 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Tgt Ion: 84 Resp: 33718

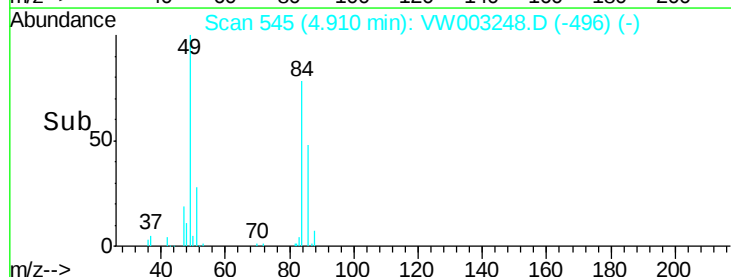
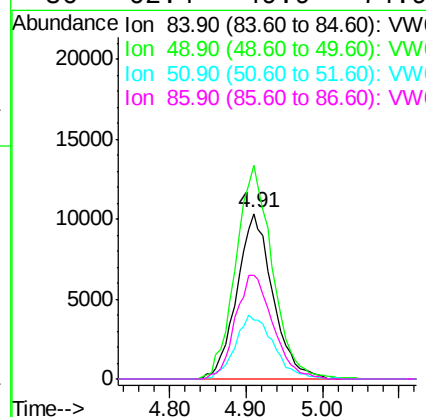
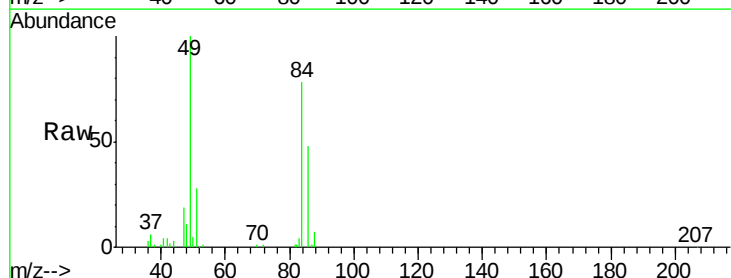
Ion Ratio Lower Upper

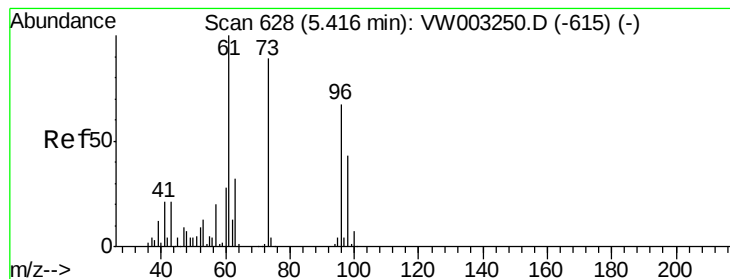
84 100

49 128.9 106.3 159.5

51 35.5 32.0 48.0

86 62.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 10.36 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

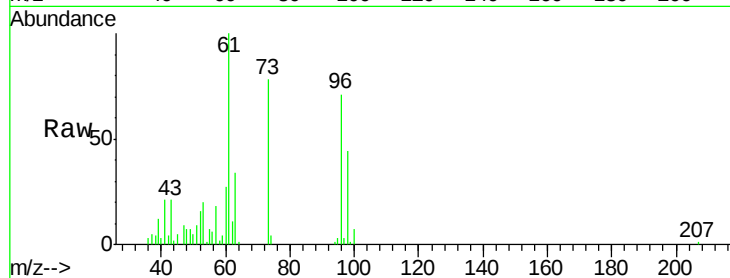
Tgt Ion: 96 Resp: 26192

Ion Ratio Lower Upper

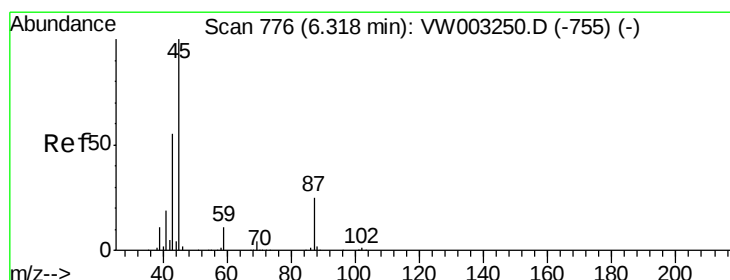
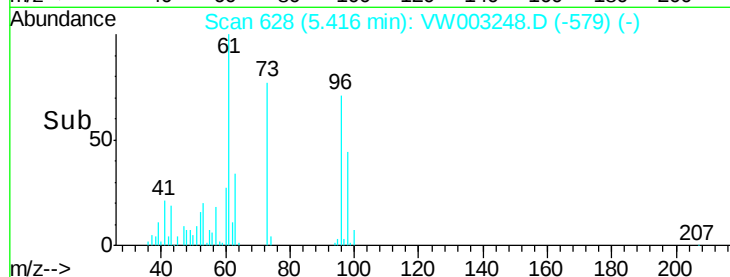
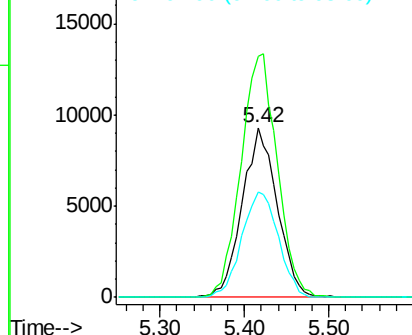
96 100

61 141.8 118.7 178.1

98 62.2 51.0 76.6



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



#22

Diisopropyl ether

Concen: 10.26 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Tgt Ion: 45 Resp: 80498

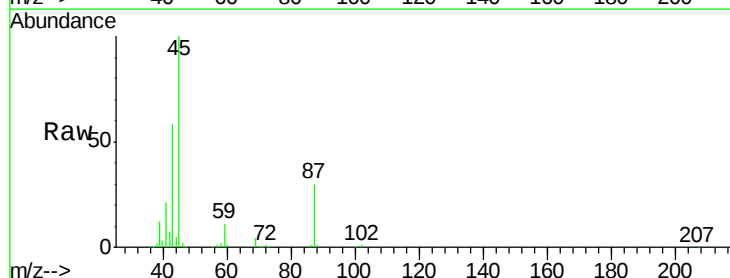
Ion Ratio Lower Upper

45 100

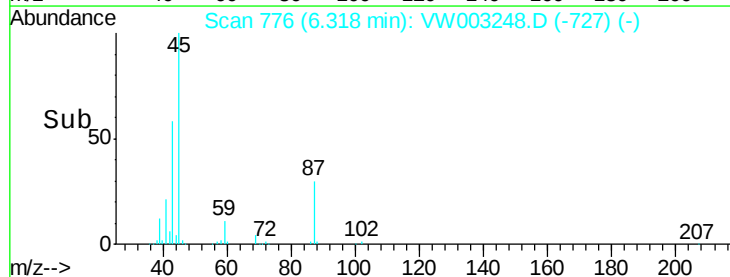
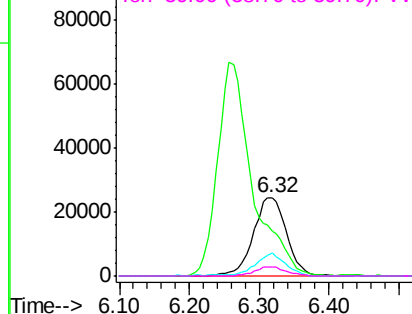
43 56.3 44.0 66.0

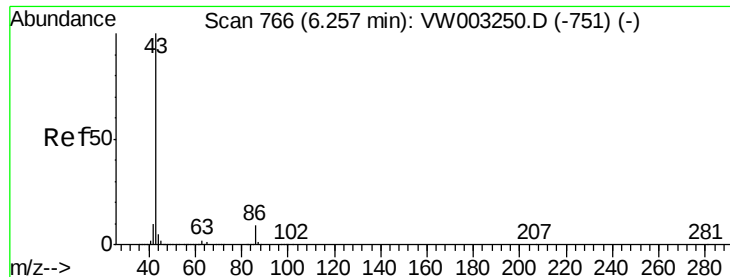
87 29.6 20.6 31.0

59 10.8 8.8 13.2



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





#23

Vinyl Acetate

Concen: 50.17 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

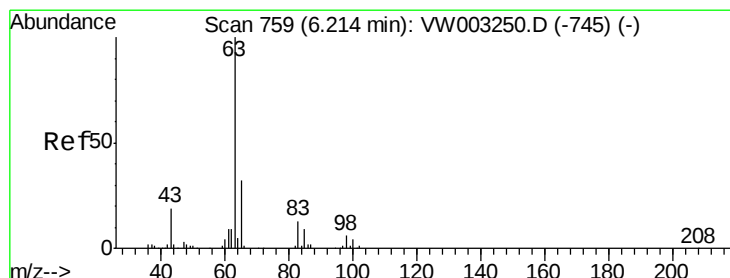
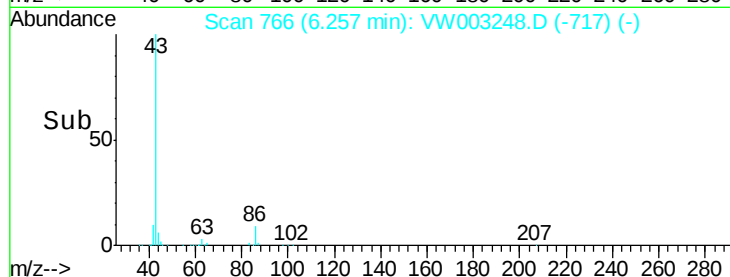
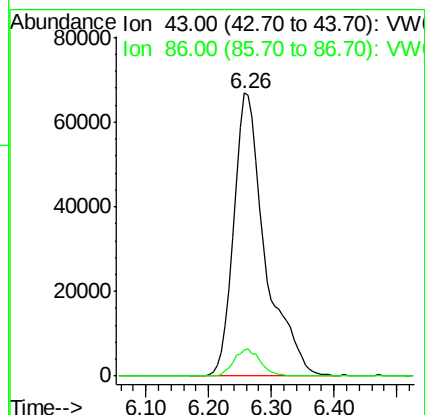
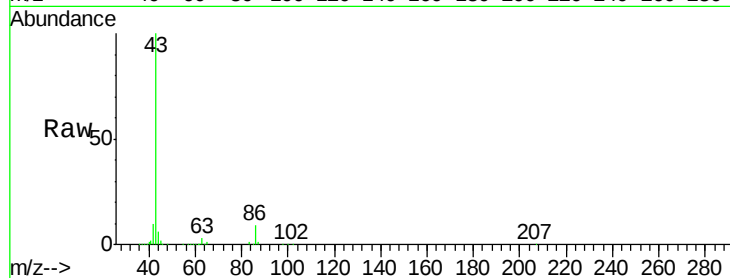
VSTDIC010

Tgt Ion: 43 Resp: 231773

Ion Ratio Lower Upper

43 100

86 9.2 7.5 11.3



#24

1,1-Dichloroethane

Concen: 10.65 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.01 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

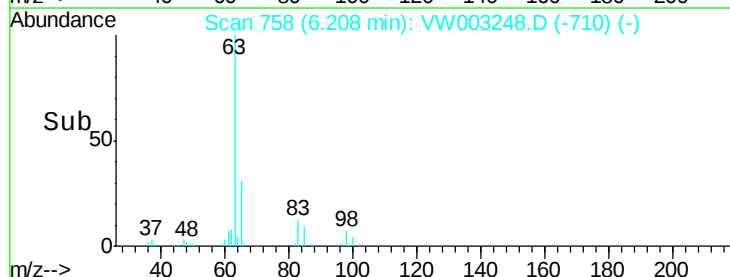
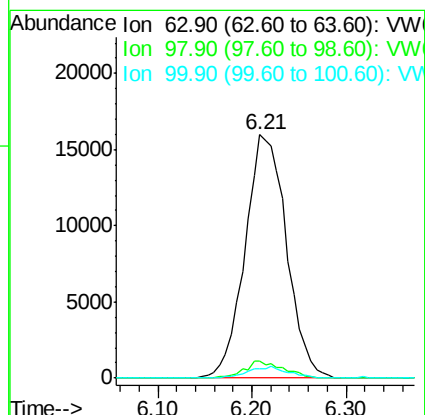
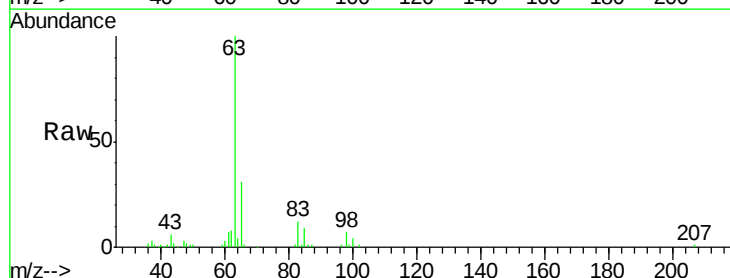
Tgt Ion: 63 Resp: 49237

Ion Ratio Lower Upper

63 100

98 7.1 2.8 8.3

100 4.0 2.1 6.5

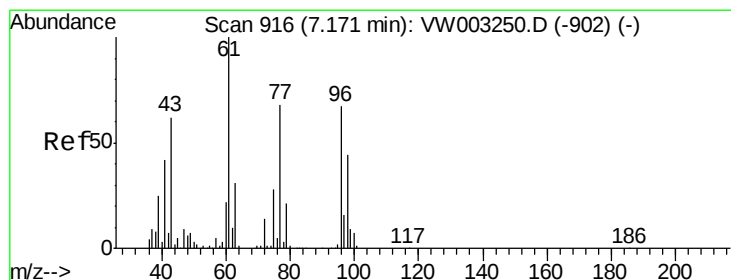
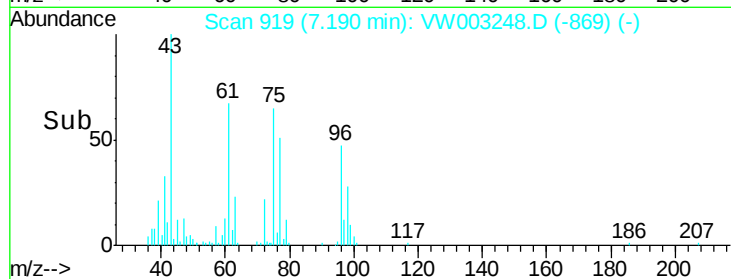
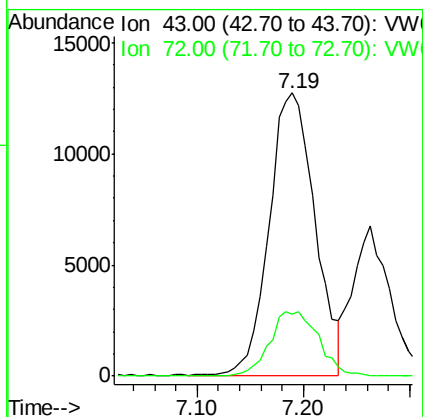
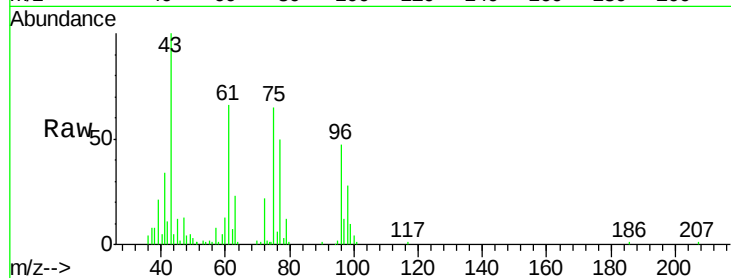




#25
2-Butanone
Concen: 54.66 ug/l
RT: 7.19 min Scan# 919
Delta R.T. 0.01 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

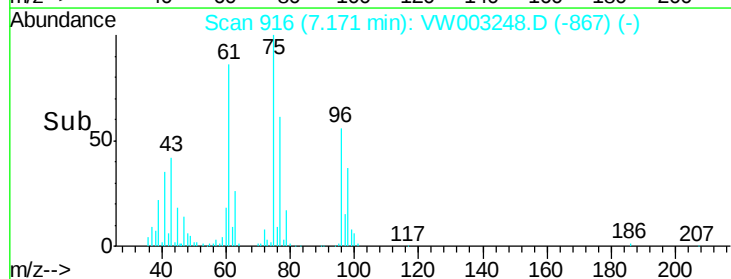
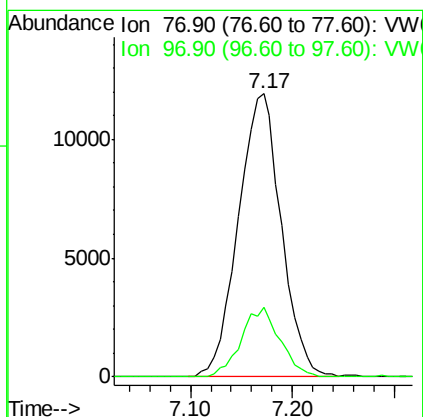
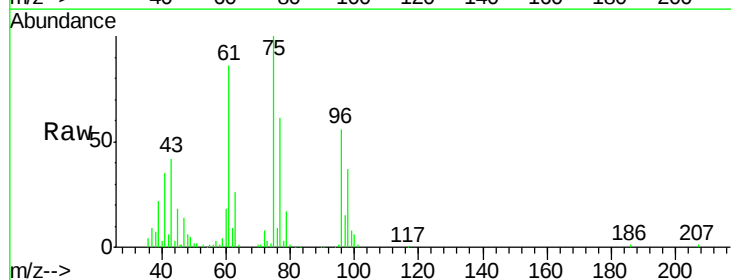
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

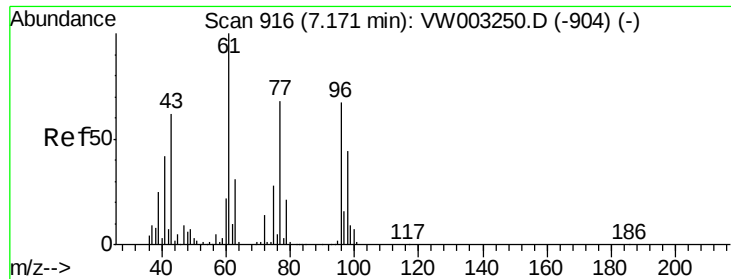
Tgt Ion: 43 Resp: 38121
Ion Ratio Lower Upper
43 100
72 21.9 20.3 30.5



#26
2,2-Dichloropropane
Concen: 12.20 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Tgt Ion: 77 Resp: 34796
Ion Ratio Lower Upper
77 100
97 22.3 11.3 33.9

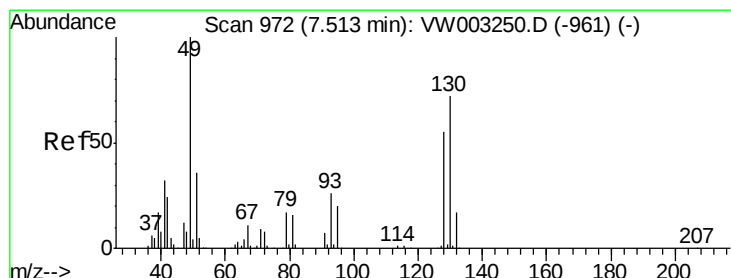
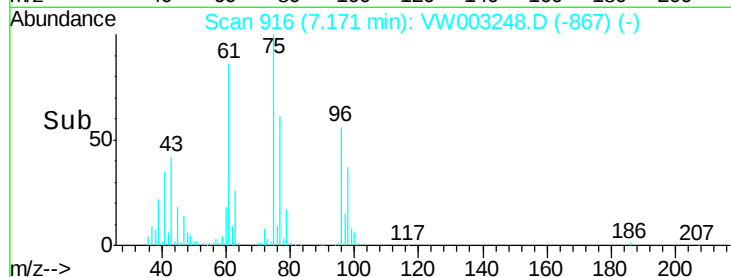
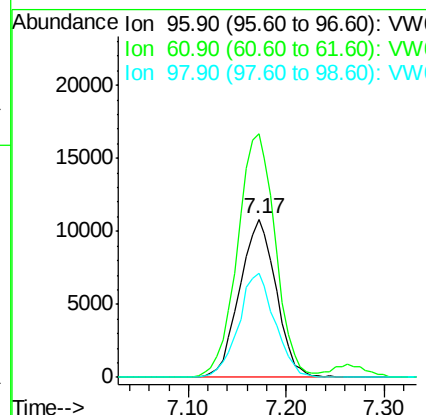
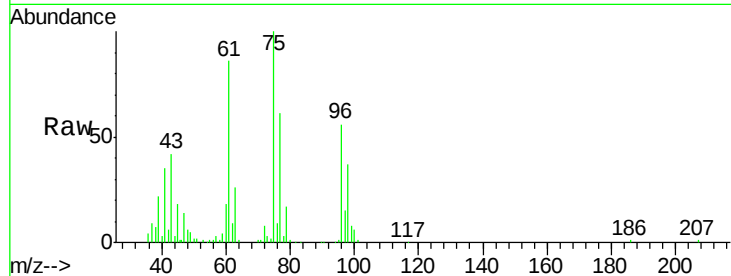




#27
 cis-1,2-Dichloroethene
 Concen: 10.08 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

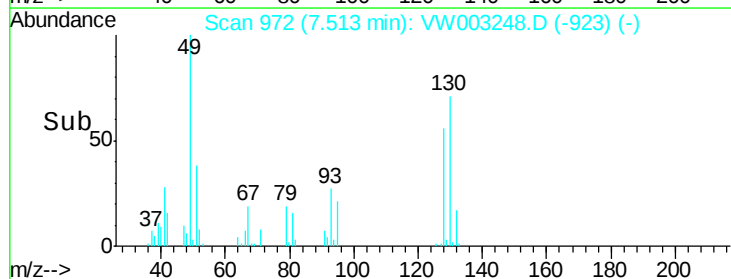
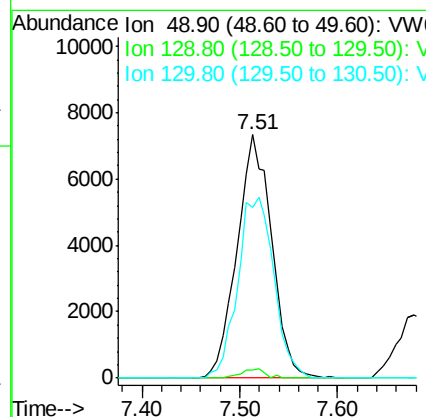
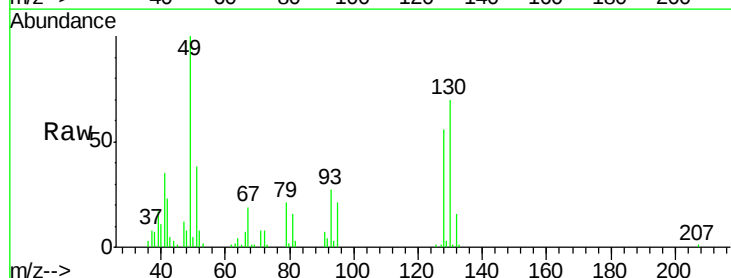
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

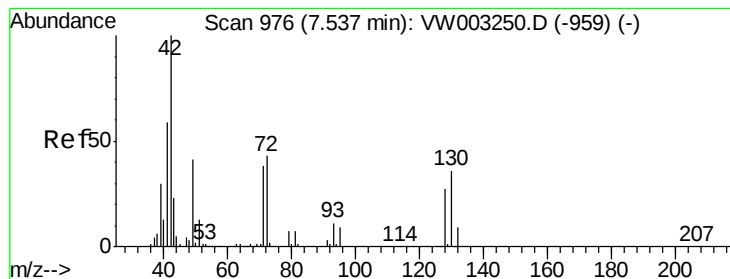
Tgt Ion: 96 Resp: 28002
 Ion Ratio Lower Upper
 96 100
 61 160.2 0.0 298.8
 98 65.5 0.0 130.4



#28
 Bromochloromethane
 Concen: 9.65 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

Tgt Ion: 49 Resp: 18014
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.6
 130 77.7 59.4 89.2





#29

Tetrahydrofuran

Concen: 50.15 ug/l

RT: 7.55 min Scan# 978

Delta R.T. 0.01 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

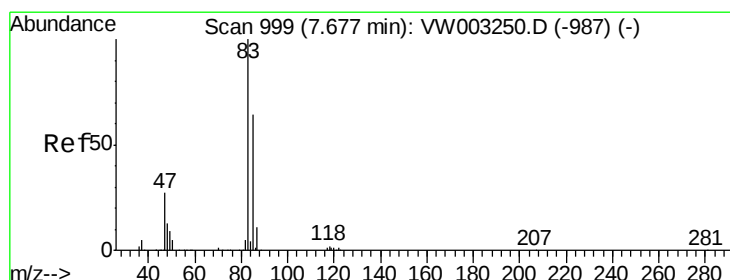
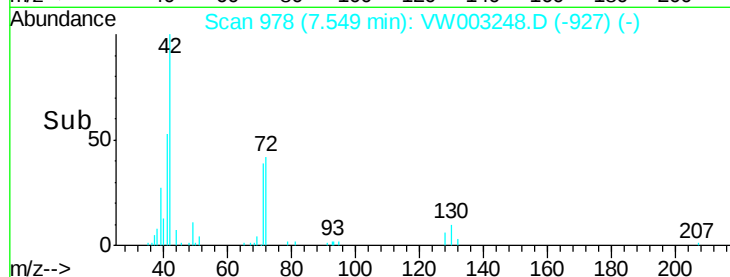
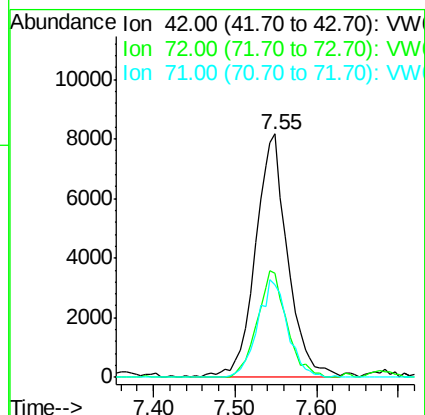
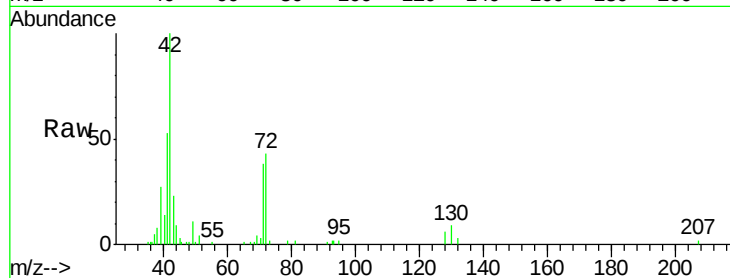
Tgt Ion: 42 Resp: 22554

Ion Ratio Lower Upper

42 100

72 40.0 32.4 48.6

71 37.1 31.2 46.8



#30

Chloroform

Concen: 10.71 ug/l

RT: 7.68 min Scan# 999

Delta R.T. 0.00 min

Lab File: VW003248.D

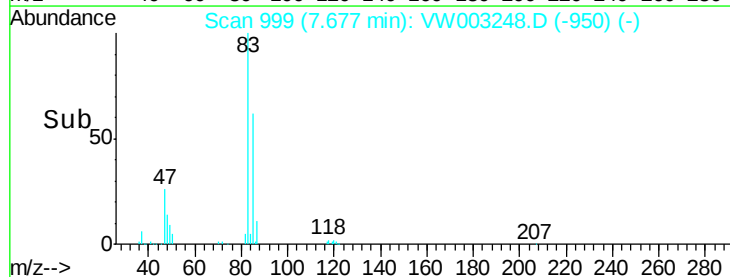
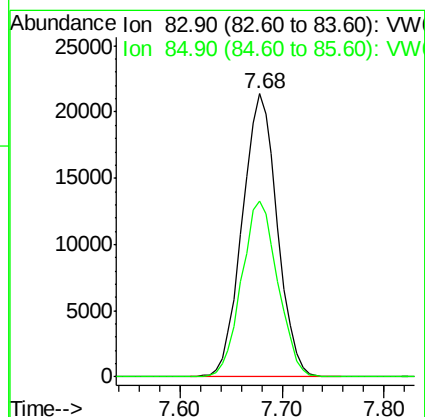
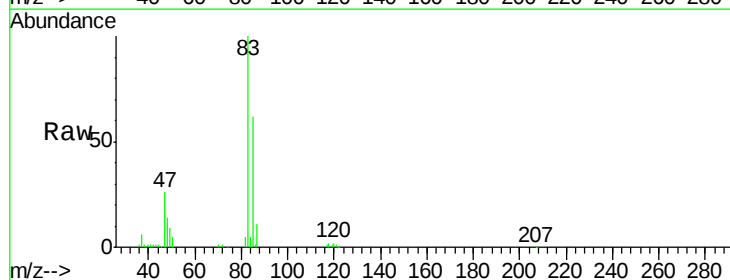
Acq: 13 Jun 2018 16:32

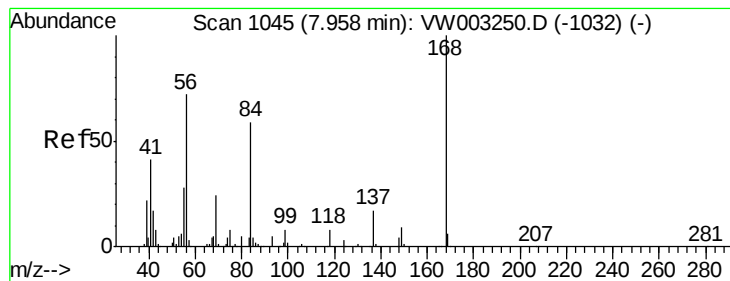
Tgt Ion: 83 Resp: 50928

Ion Ratio Lower Upper

83 100

85 62.3 51.3 76.9





#31

Cyclohexane

Concen: 10.94 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

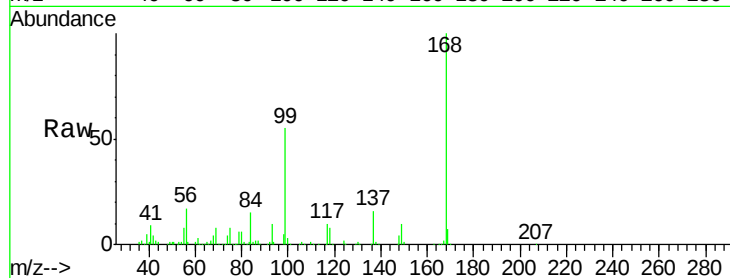
Tgt Ion: 56 Resp: 47766

Ion Ratio Lower Upper

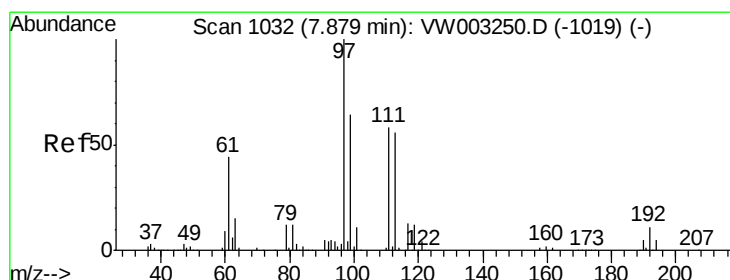
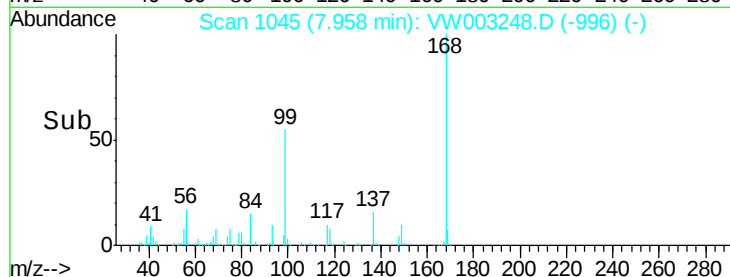
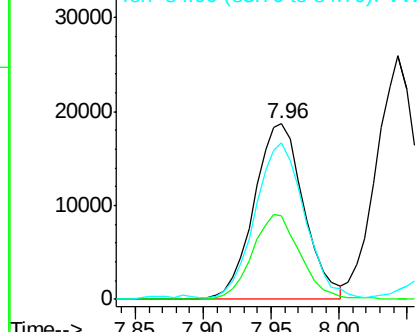
56 100

69 48.0 26.3 39.5#

84 88.1 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: 10.91 ug/l

RT: 7.88 min Scan# 1032

Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

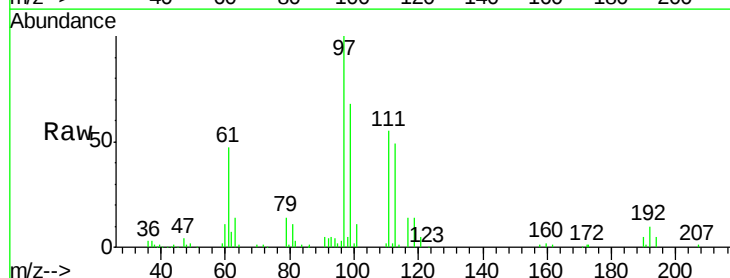
Tgt Ion: 97 Resp: 42033

Ion Ratio Lower Upper

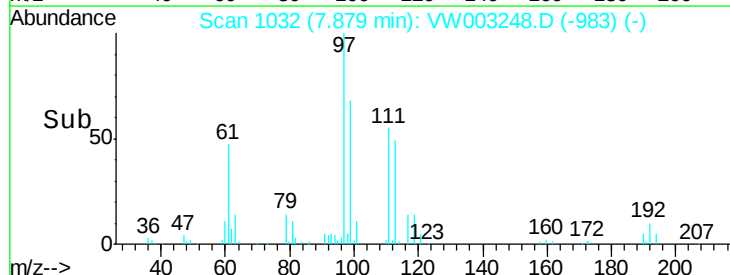
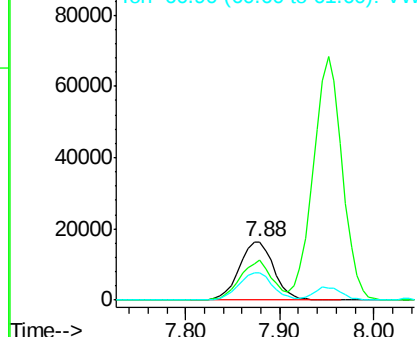
97 100

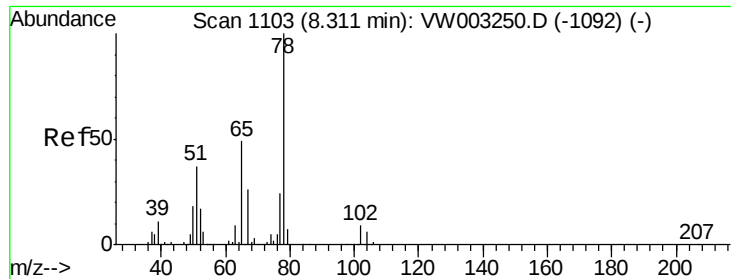
99 63.9 51.7 77.5

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

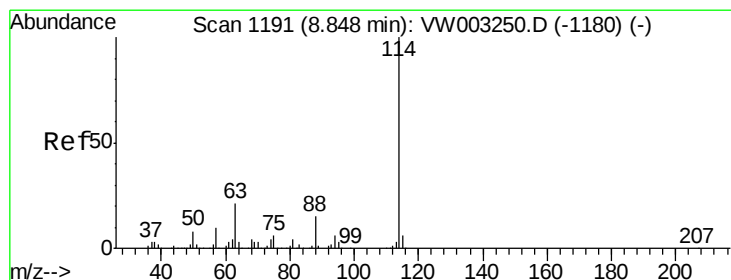
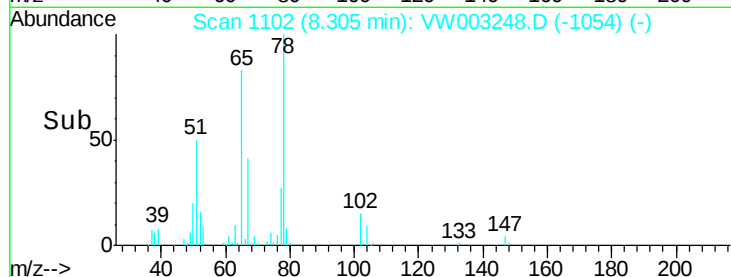
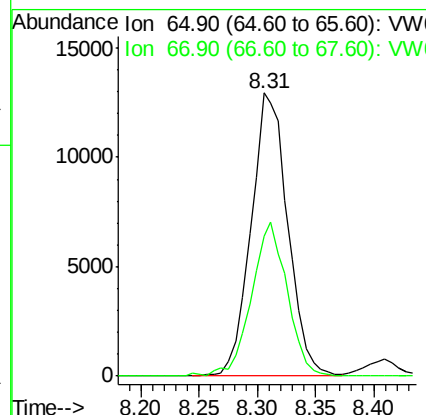
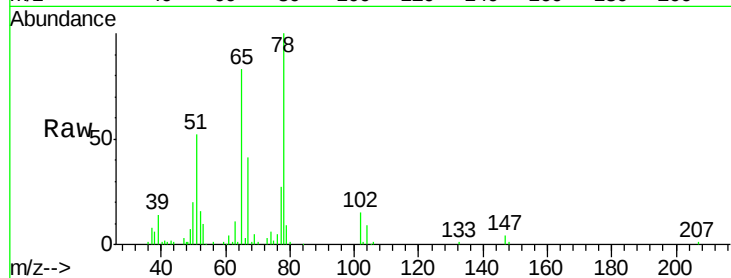




#33
 1,2-Dichloroethane-d4
 Concen: 11.17 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

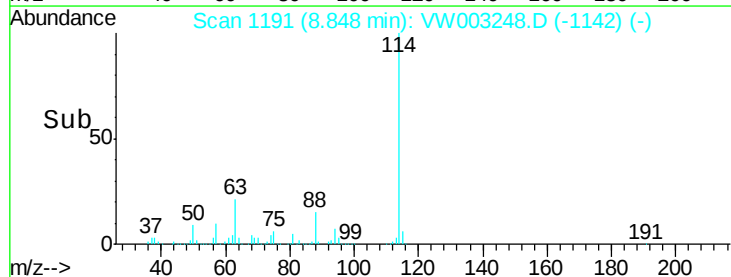
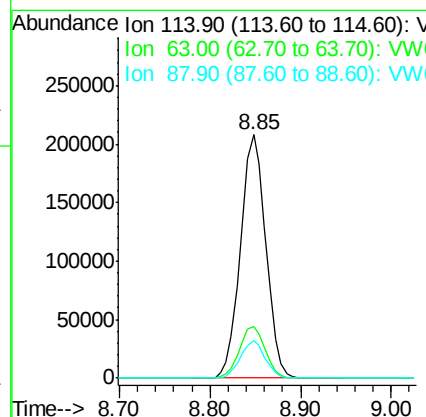
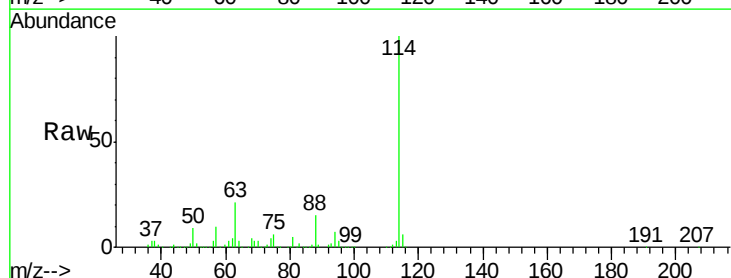
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

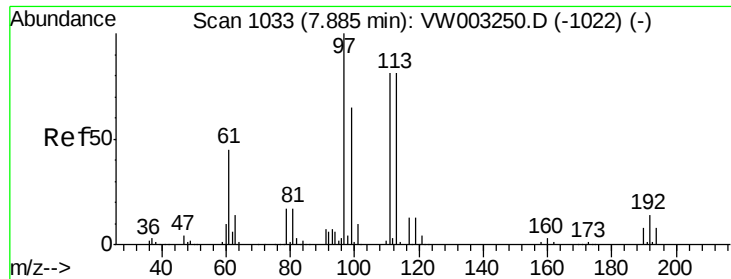
Tgt Ion: 65 Resp: 28459
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

Tgt Ion: 114 Resp: 402158
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 43.0
 88 15.4 0.0 29.6

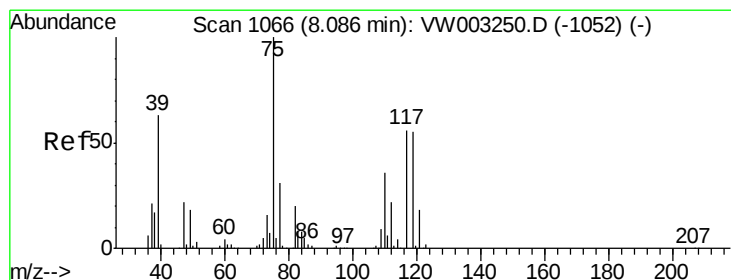
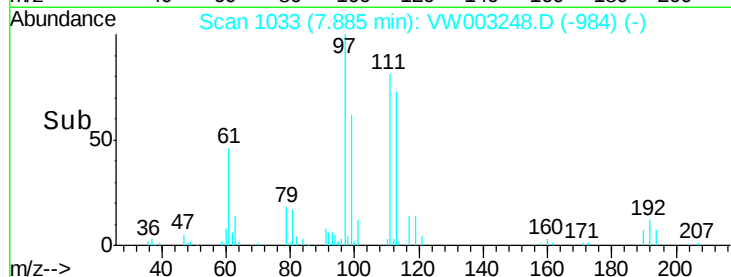
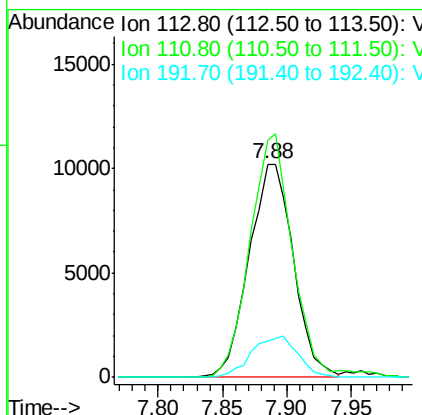
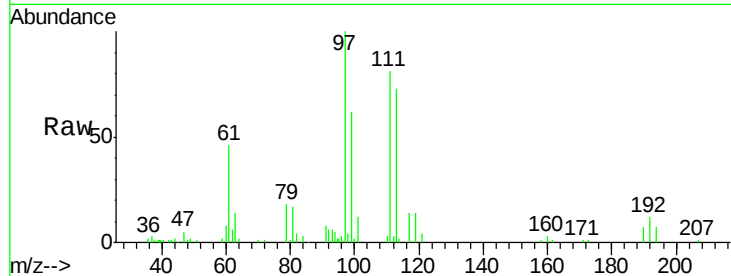




#35
 Dibromofluoromethane
 Concen: 10.26 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

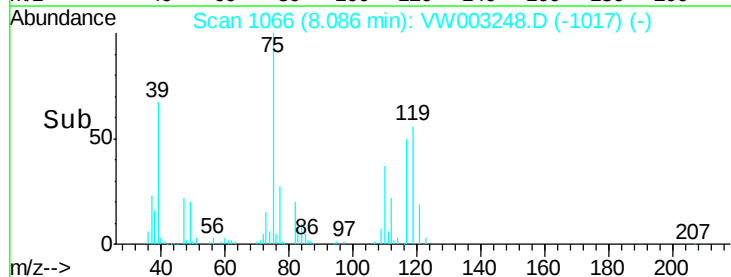
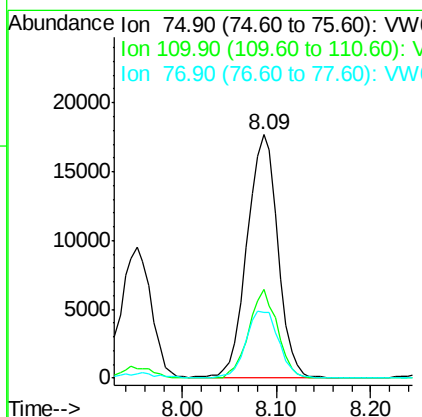
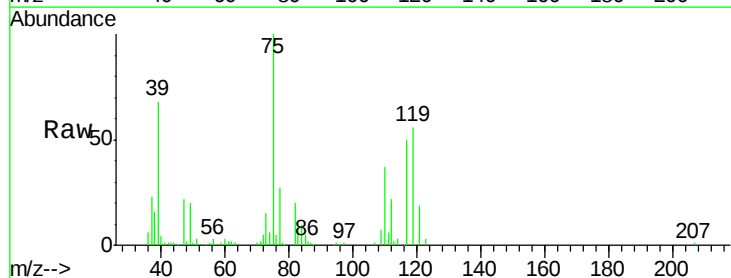
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

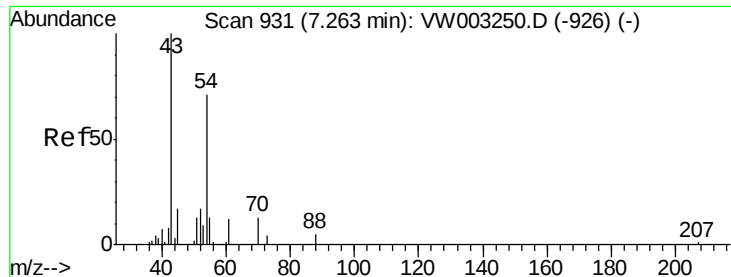
Tgt Ion: 113 Resp: 24375
 Ion Ratio Lower Upper
 113 100
 111 110.3 82.2 123.2
 192 20.2 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 10.68 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

Tgt Ion: 75 Resp: 40365
 Ion Ratio Lower Upper
 75 100
 110 33.9 17.1 51.3
 77 29.4 24.9 37.3

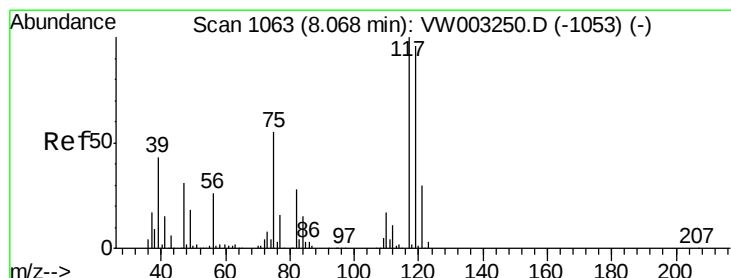
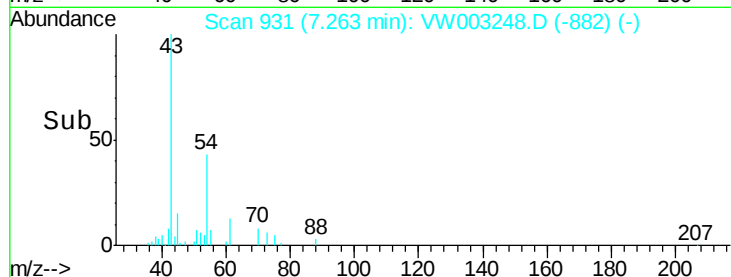
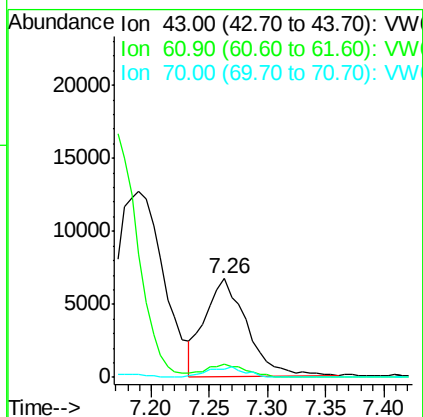
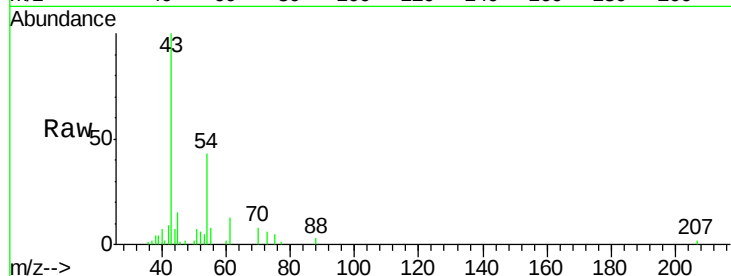




#37
Ethyl Acetate
Concen: 10.09 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

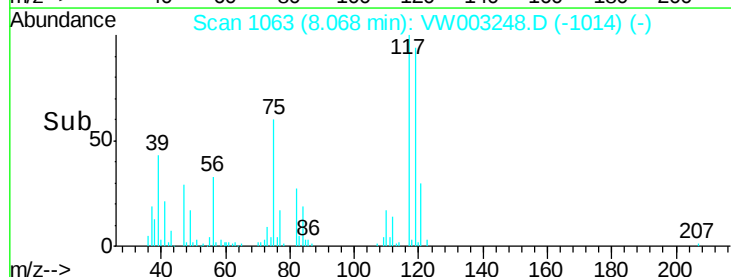
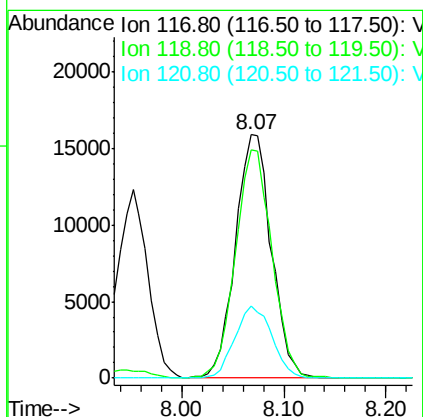
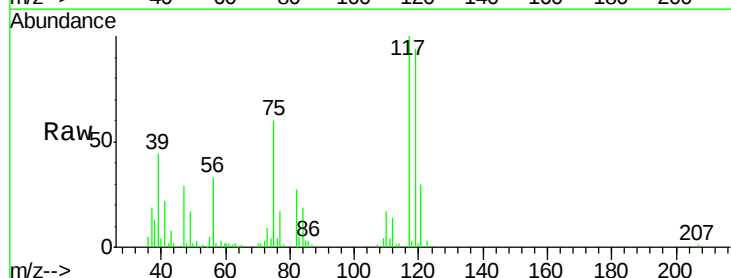
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

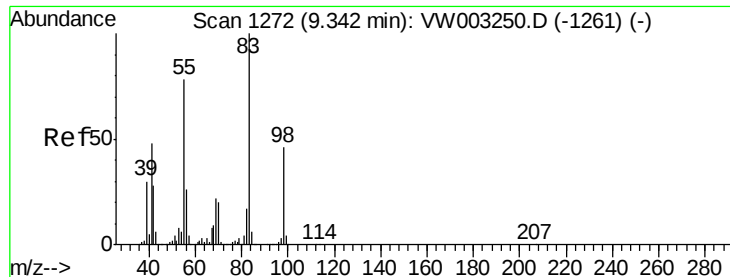
Tgt Ion: 43 Resp: 16760
Ion Ratio Lower Upper
43 100
61 13.0 10.8 16.2
70 9.8 7.8 11.6



#38
Carbon Tetrachloride
Concen: 10.54 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Tgt Ion: 117 Resp: 38881
Ion Ratio Lower Upper
117 100
119 93.7 76.6 115.0
121 29.8 23.9 35.9





#39

Methylcyclohexane

Concen: 9.88 ug/l

RT: 9.34 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

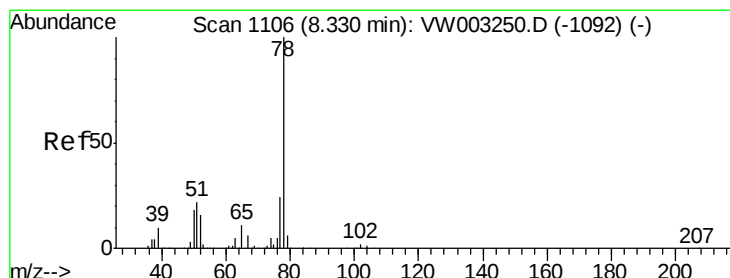
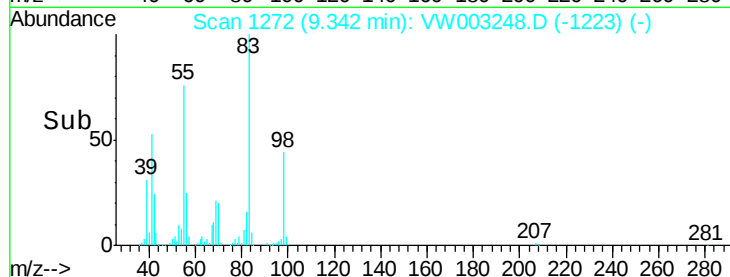
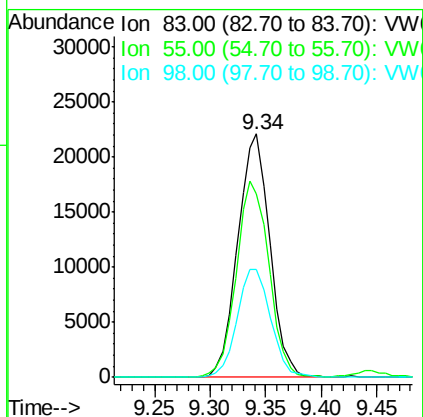
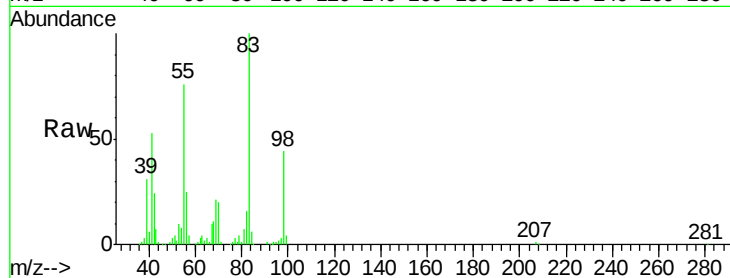
Tgt Ion: 83 Resp: 44242

Ion Ratio Lower Upper

83 100

55 75.6 62.6 93.8

98 44.2 37.0 55.4



#40

Benzene

Concen: 10.23 ug/l

RT: 8.33 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VW003248.D

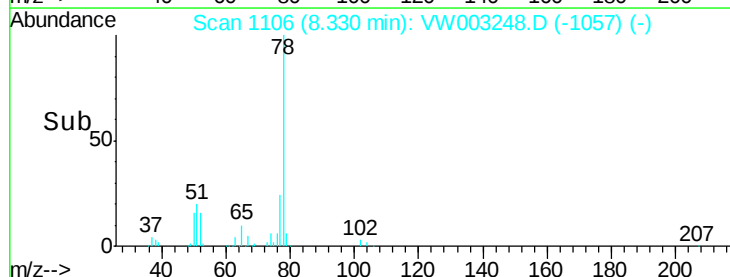
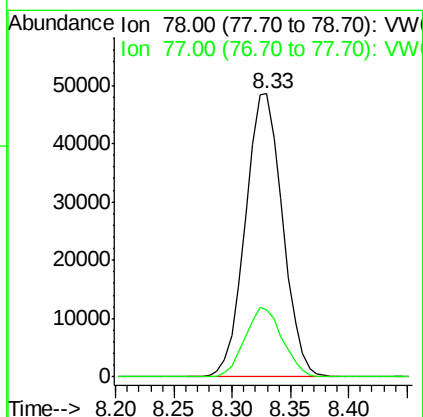
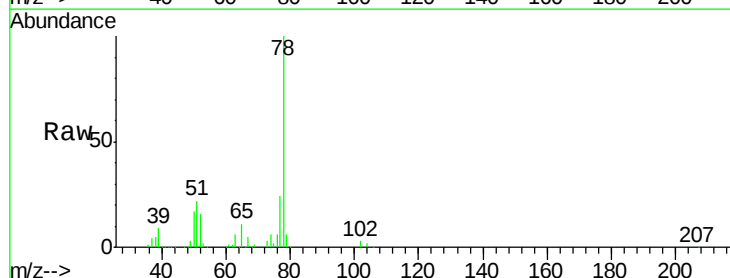
Acq: 13 Jun 2018 16:32

Tgt Ion: 78 Resp: 108274

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6

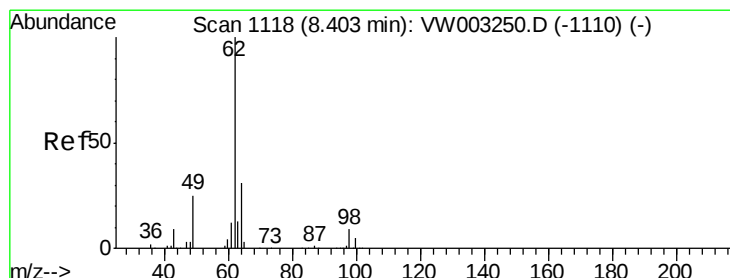
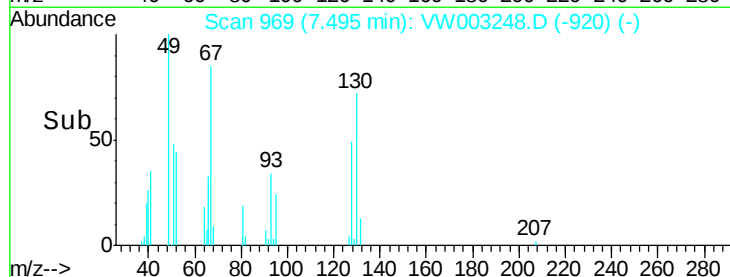
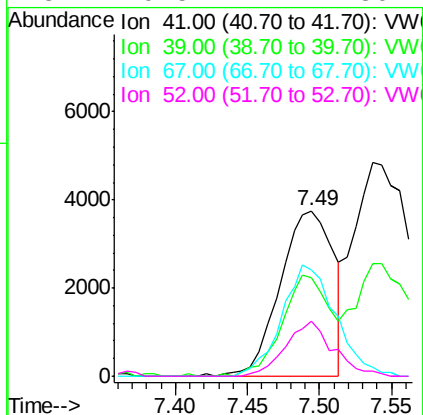
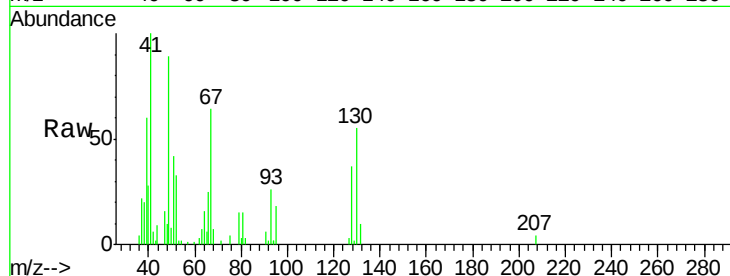




#41
Methacrylonitrile
Concen: 10.15 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

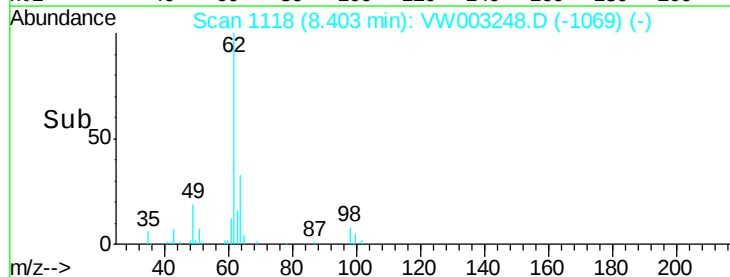
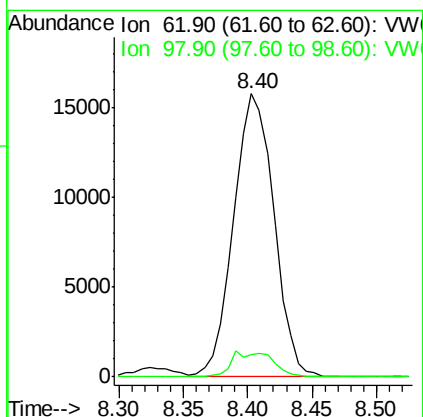
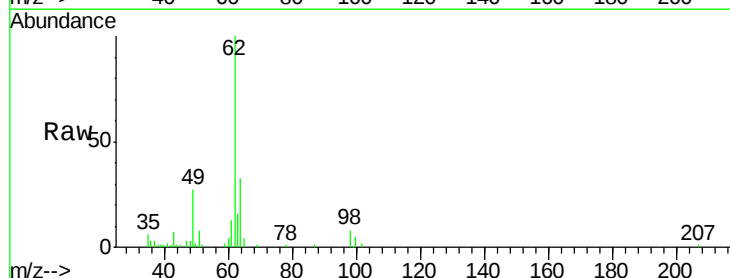
Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tgt Ion:	41	Resp:	9666
Ion	Ratio	Lower	Upper
41	100		
39	55.1	45.8	68.8
67	68.0	52.3	78.5
52	29.5	24.1	36.1



#42
1,2-Dichloroethane
Concen: 10.44 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Tgt Ion:	62	Resp:	34340
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.2





#43

Isopropyl Acetate

Concen: 10.01 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

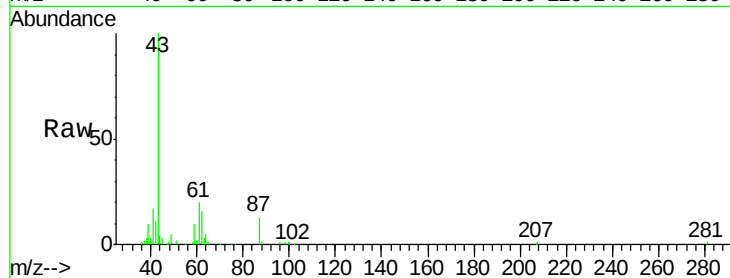
Tgt Ion: 43 Resp: 32158

Ion Ratio Lower Upper

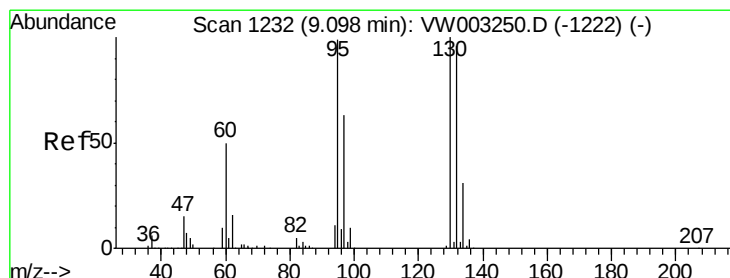
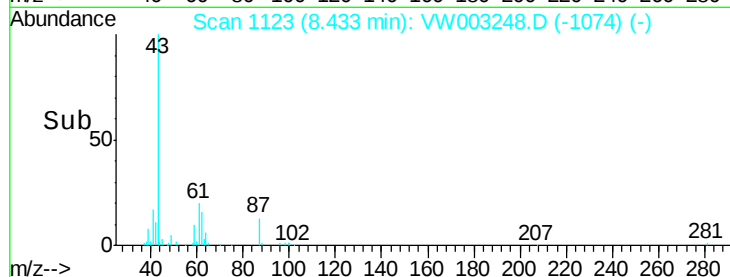
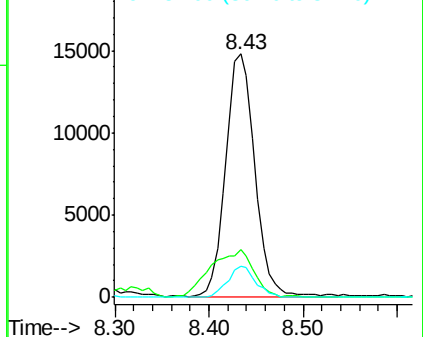
43 100

61 28.6 23.1 34.7

87 12.1 9.8 14.6



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



#44

Trichloroethene

Concen: 10.26 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VW003248.D

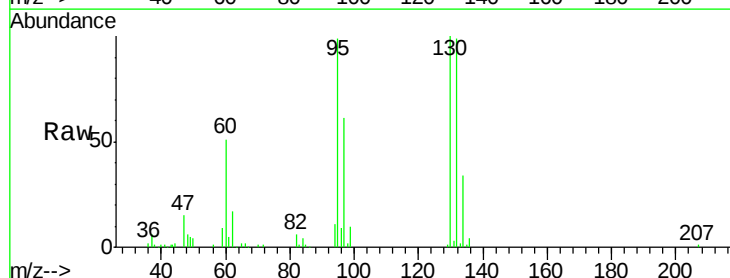
Acq: 13 Jun 2018 16:32

Tgt Ion: 130 Resp: 29215

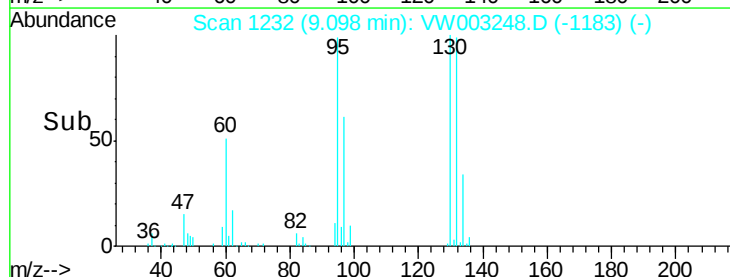
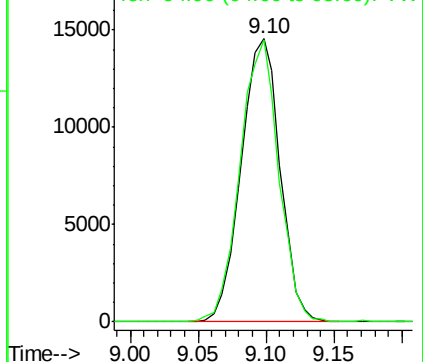
Ion Ratio Lower Upper

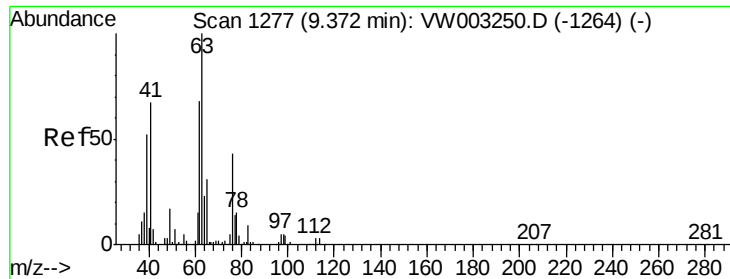
130 100

95 99.5 0.0 198.0



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





#45

1,2-Dichloropropane

Concen: 10.37 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

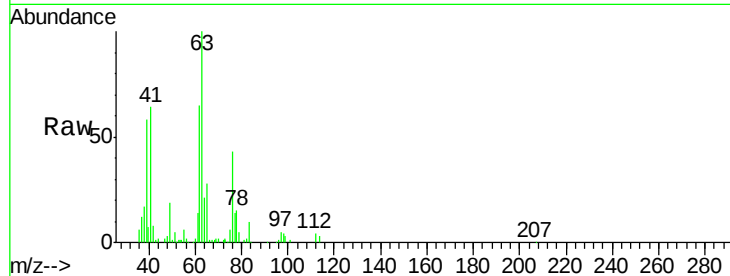
VSTDIC010

Tgt Ion: 63 Resp: 27548

Ion Ratio Lower Upper

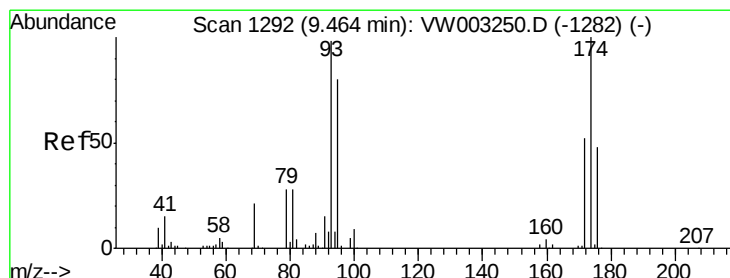
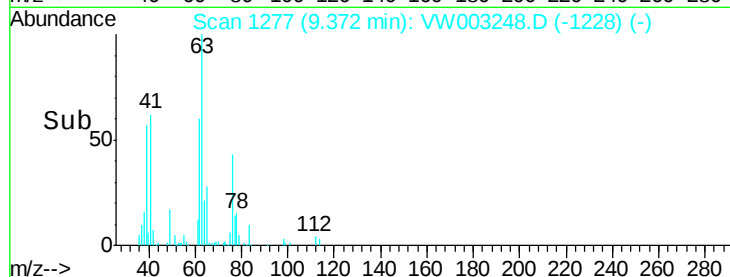
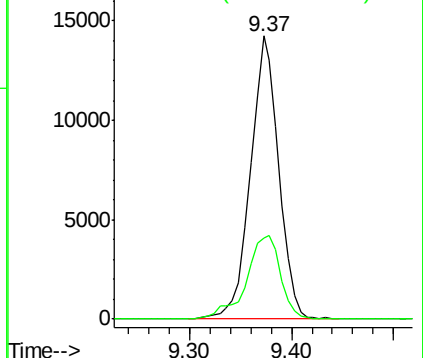
63 100

65 28.5 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 9.70 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

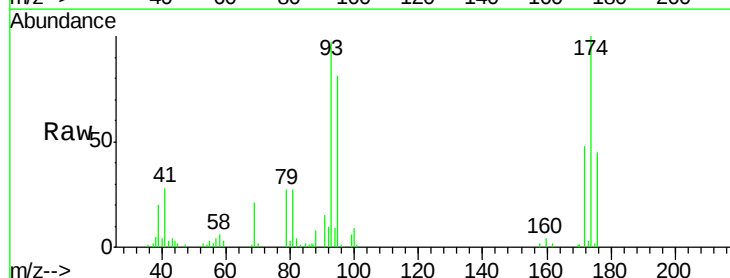
Tgt Ion: 93 Resp: 13774

Ion Ratio Lower Upper

93 100

95 86.2 65.8 98.8

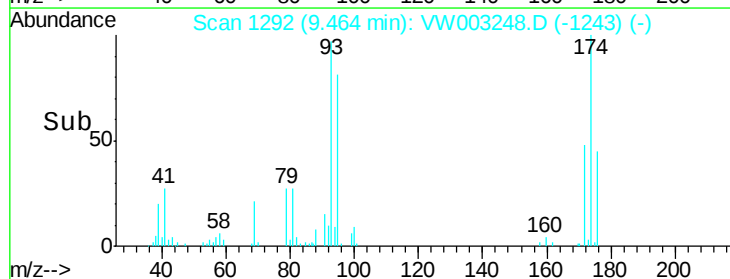
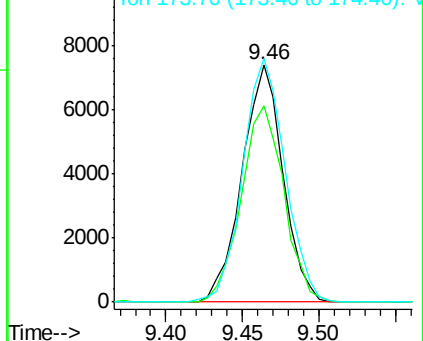
174 106.0 81.4 122.0

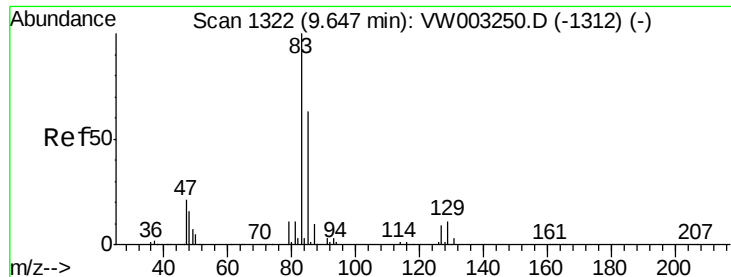


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 10.35 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

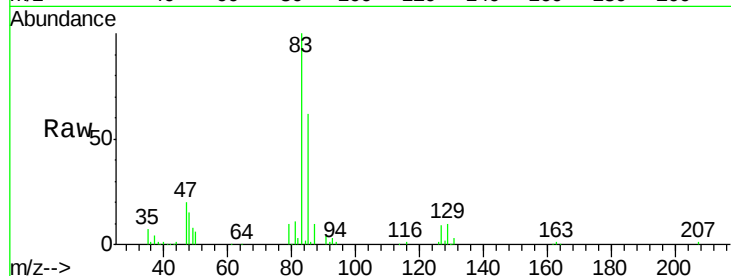
Tgt Ion: 83 Resp: 35888

Ion Ratio Lower Upper

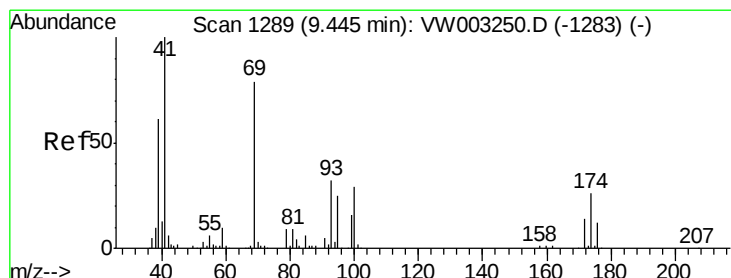
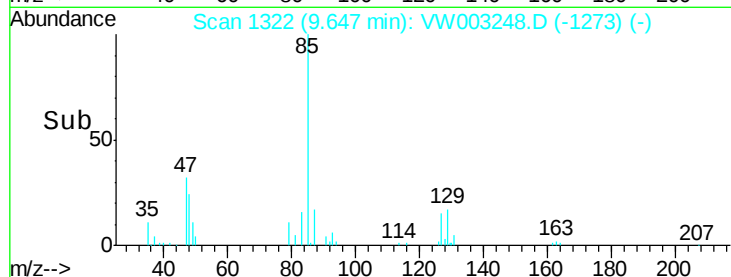
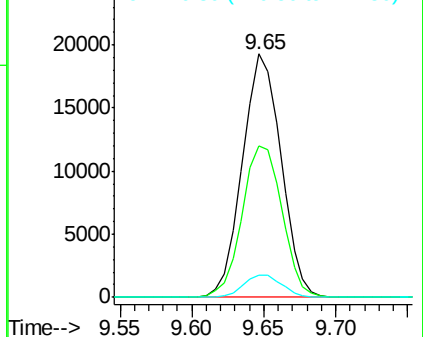
83 100

85 62.1 50.6 75.8

127 9.1 6.8 10.2



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



#48

Methyl methacrylate

Concen: 9.18 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

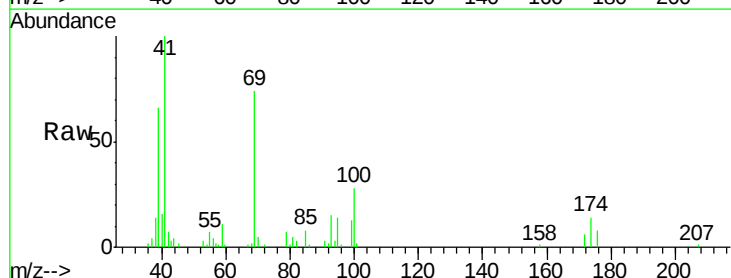
Tgt Ion: 41 Resp: 14021

Ion Ratio Lower Upper

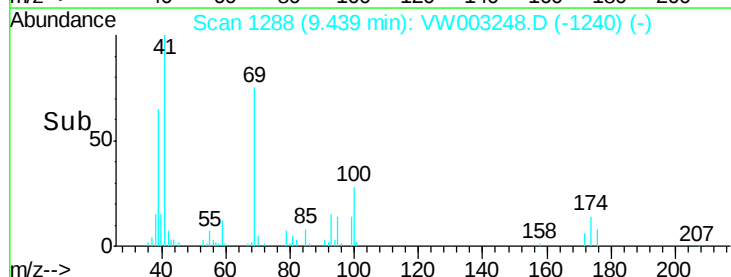
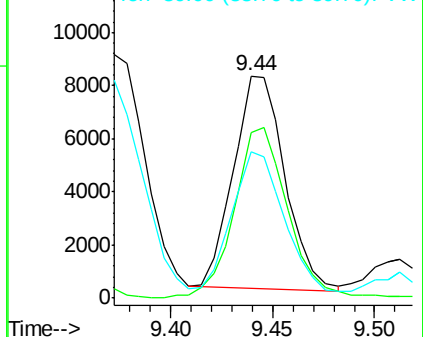
41 100

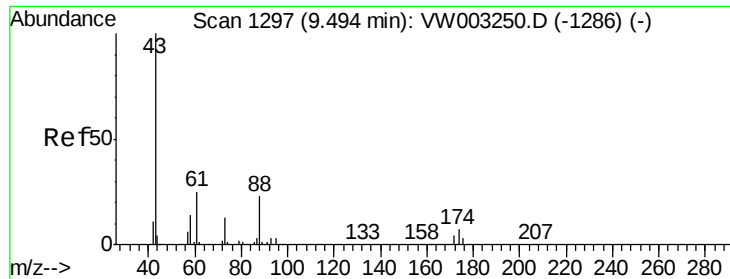
69 83.5 65.4 98.2

39 74.2 54.2 81.2



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

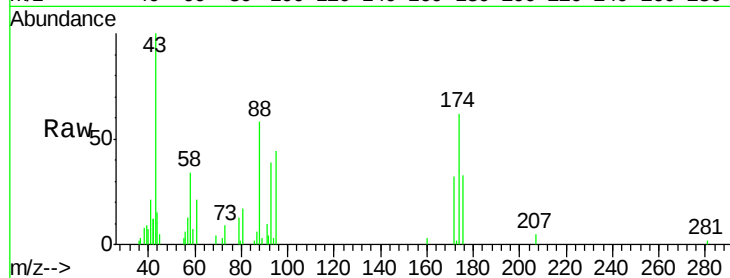




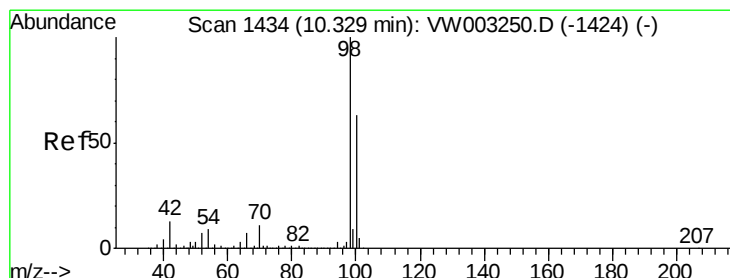
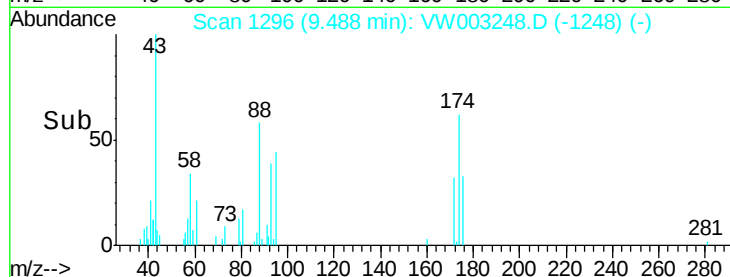
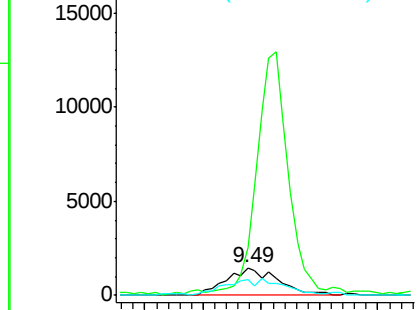
#49
 1,4-Dioxane
 Concen: 203.95 ug/l
 RT: 9.49 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion: 88 Resp: 4489
 Ion Ratio Lower Upper
 88 100
 43 0.0 454.7 682.1#
 58 30.3 58.6 88.0#

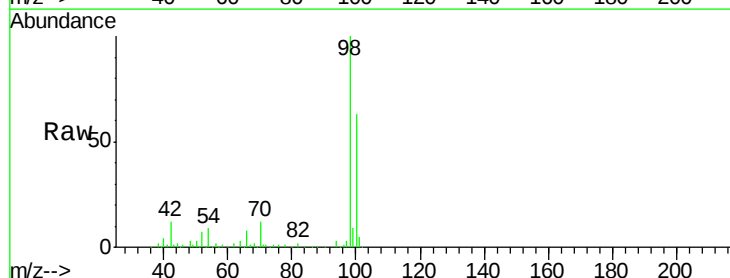


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

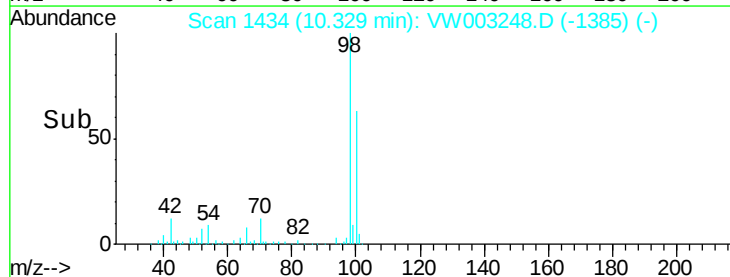
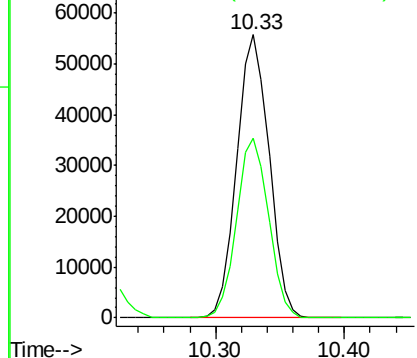


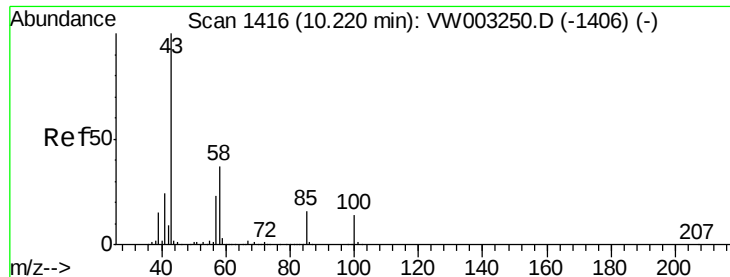
#50
 Toluene-d8
 Concen: 10.51 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

Tgt Ion: 98 Resp: 96964
 Ion Ratio Lower Upper
 98 100
 100 63.0 50.8 76.2



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

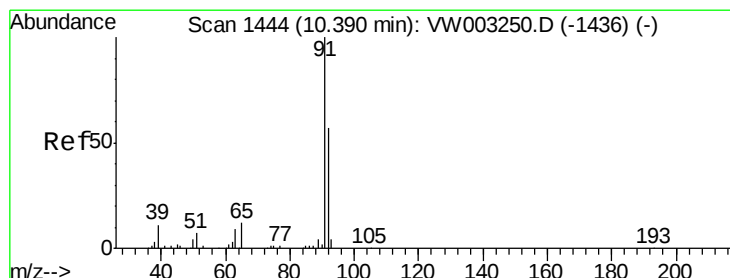
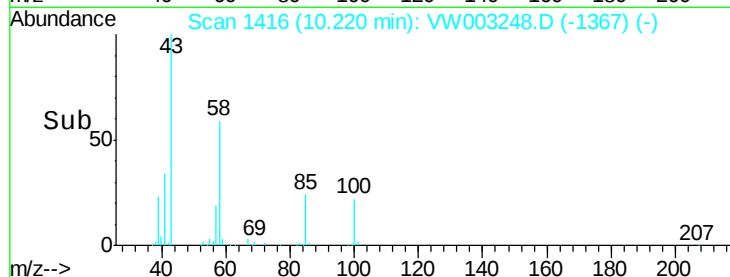
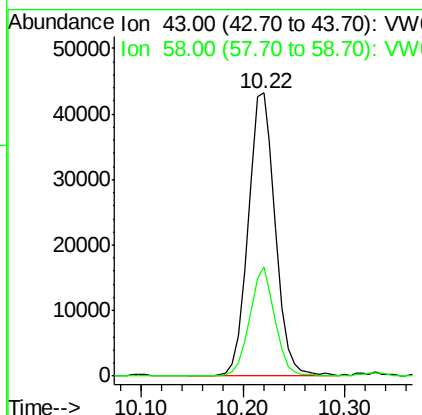
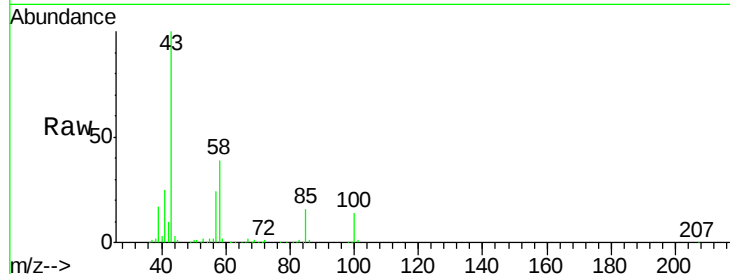




#51
 4-Methyl-2-Pentanone
 Concen: 49.05 ug/l
 RT: 10.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

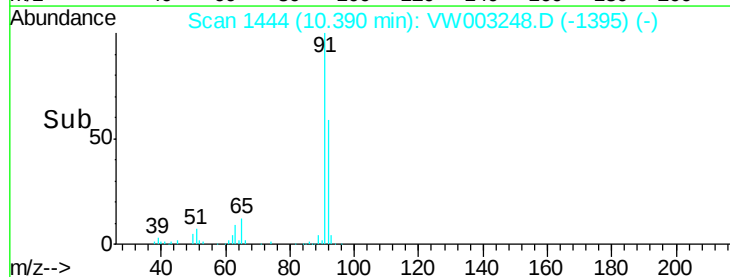
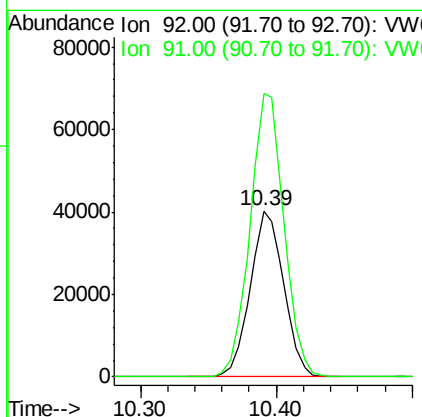
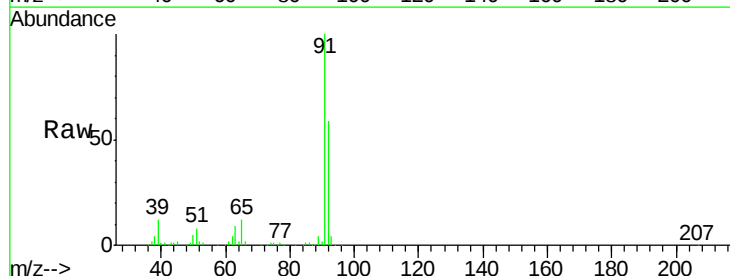
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

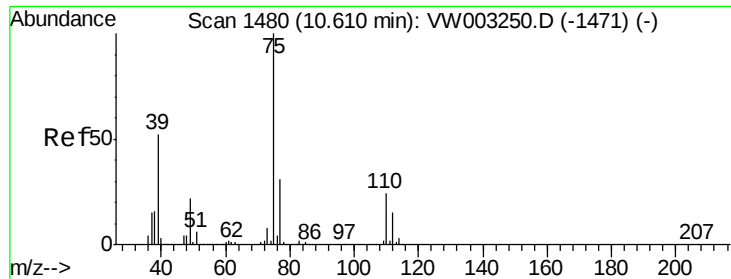
Tgt Ion: 43 Resp: 80069
 Ion Ratio Lower Upper
 43 100
 58 35.9 29.0 43.4



#52
 Toluene
 Concen: 10.21 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

Tgt Ion: 92 Resp: 69326
 Ion Ratio Lower Upper
 92 100
 91 172.8 141.1 211.7





#53

t-1,3-Dichloropropene

Concen: 9.75 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

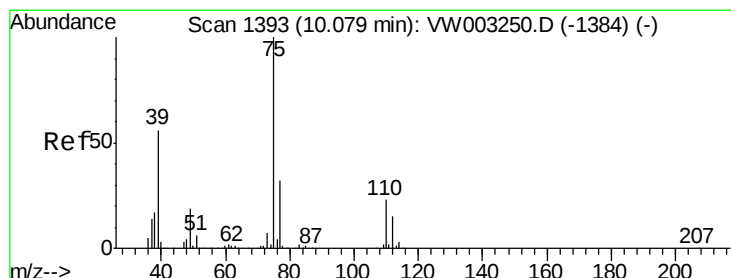
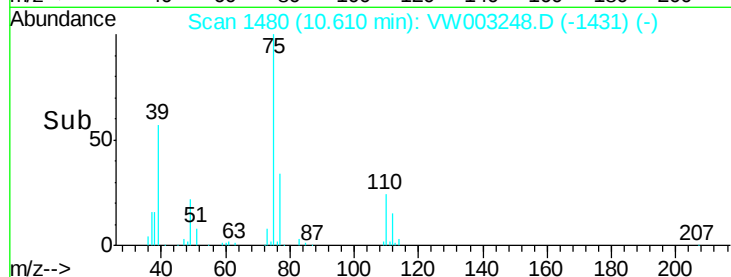
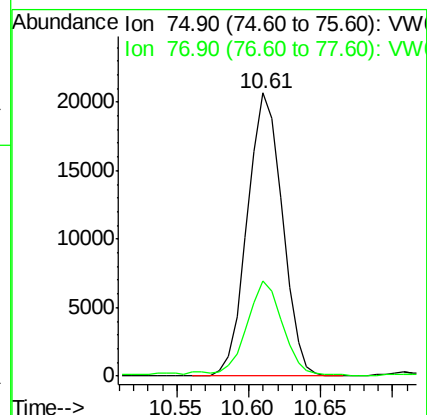
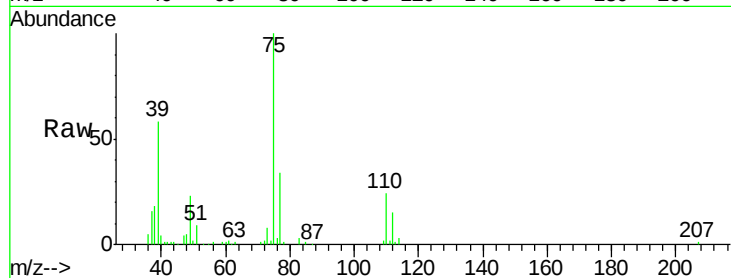
VSTDIC010

Tgt Ion: 75 Resp: 34838

Ion Ratio Lower Upper

75 100

77 33.3 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 9.94 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

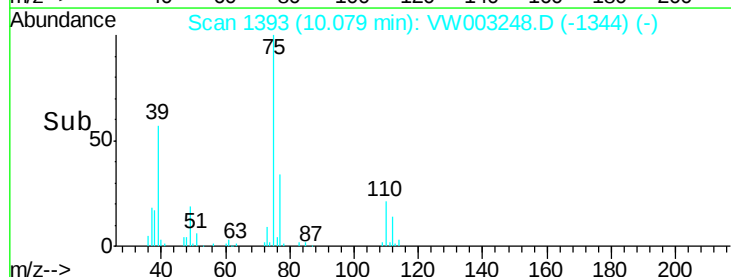
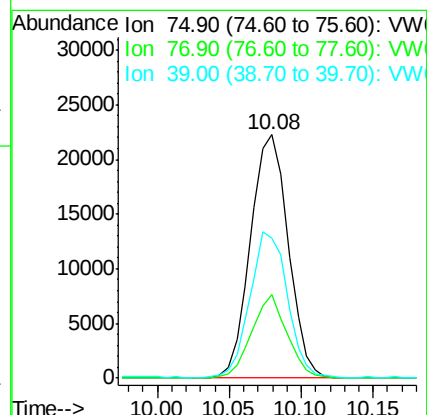
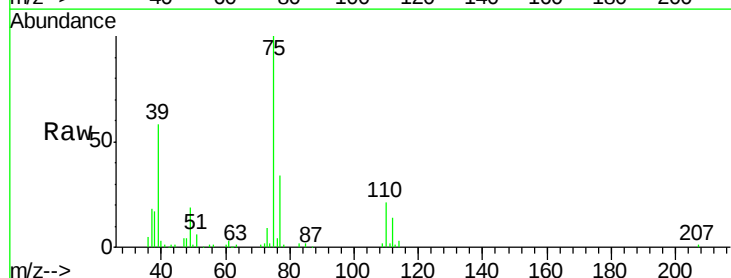
Tgt Ion: 75 Resp: 40385

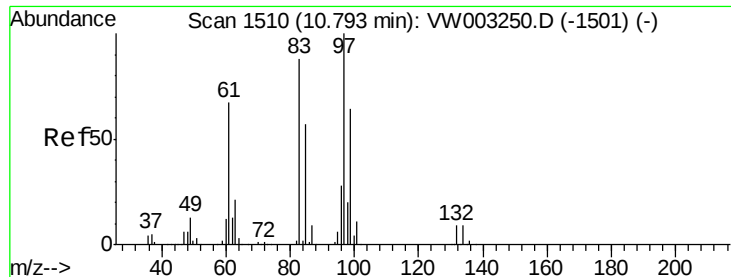
Ion Ratio Lower Upper

75 100

77 34.3 25.8 38.6

39 57.3 45.2 67.8

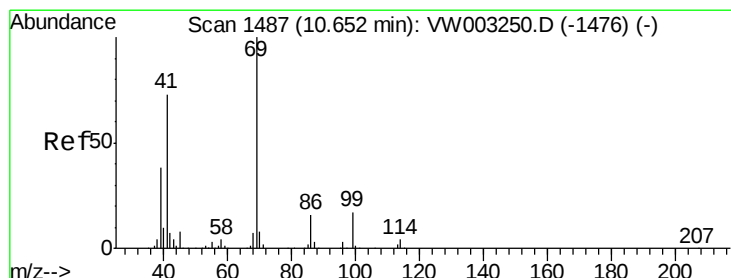
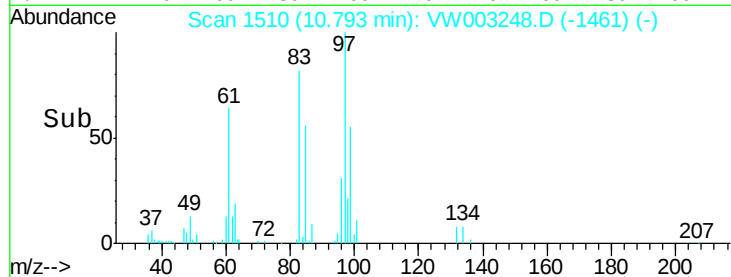
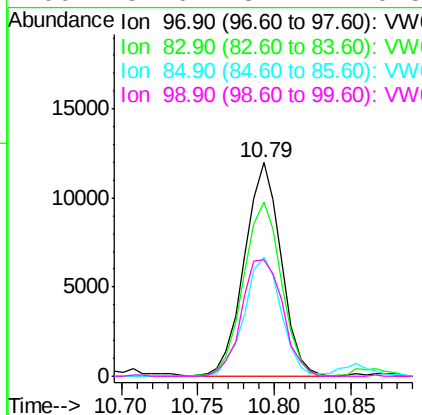
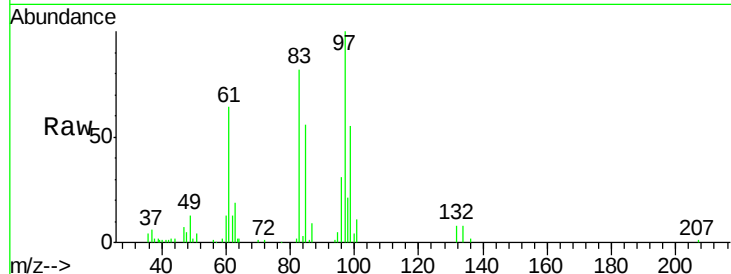




#55
 1,1,2-Trichloroethane
 Concen: 10.20 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

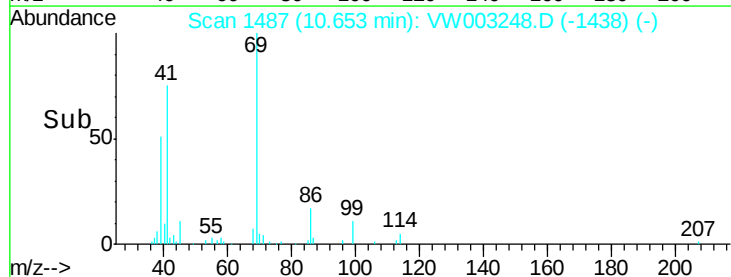
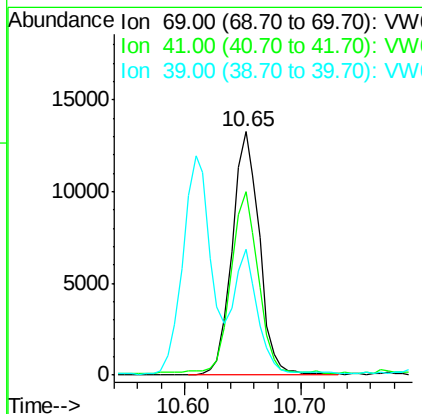
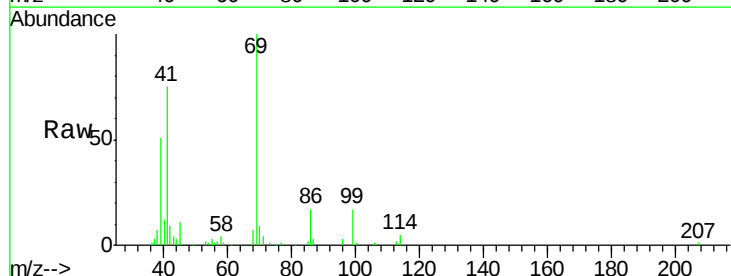
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

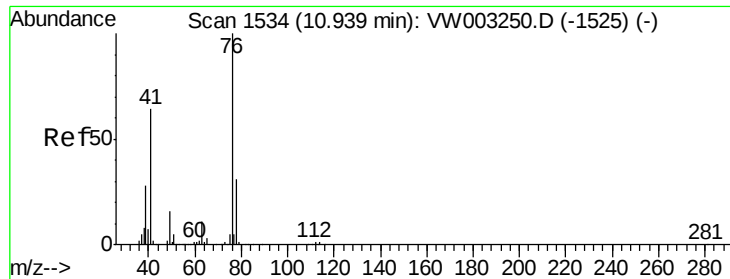
Tgt Ion: 97 Resp: 20011
 Ion Ratio Lower Upper
 97 100
 83 81.7 70.2 105.2
 85 55.5 45.6 68.4
 99 54.6 51.2 76.8



#56
 Ethyl methacrylate
 Concen: 8.94 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

Tgt Ion: 69 Resp: 21738
 Ion Ratio Lower Upper
 69 100
 41 75.1 57.8 86.6
 39 43.2 32.7 49.1

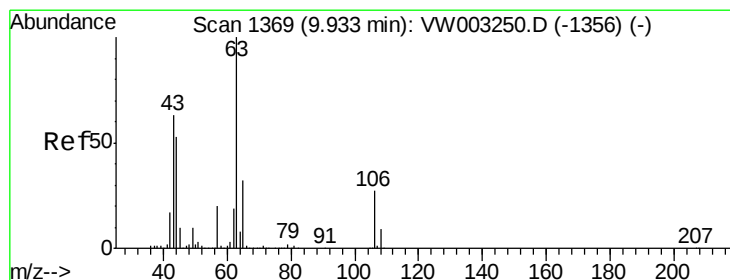
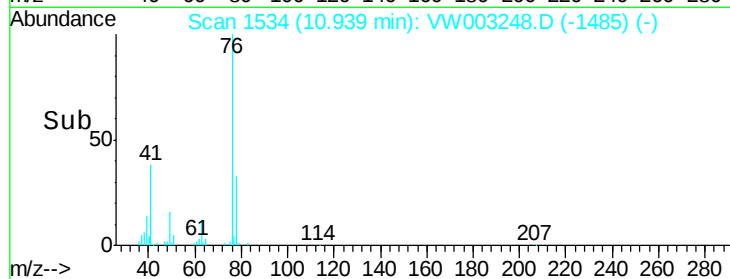
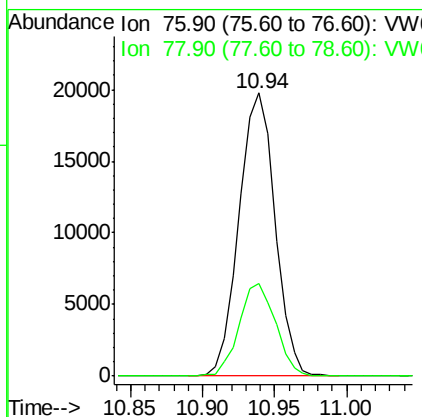
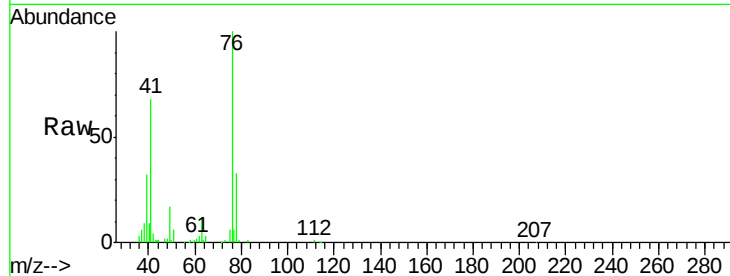




#57
 1,3-Dichloropropane
 Concen: 10.10 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

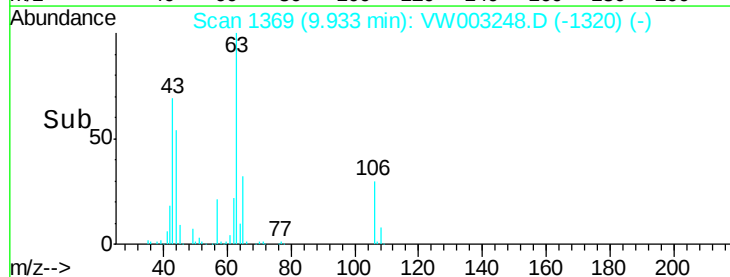
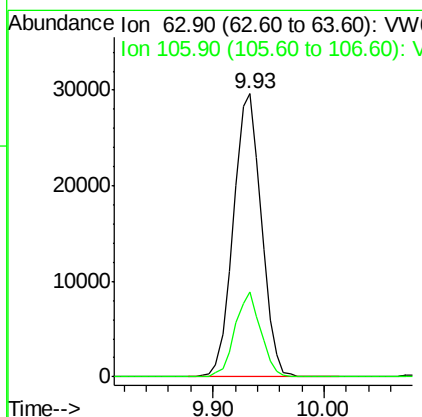
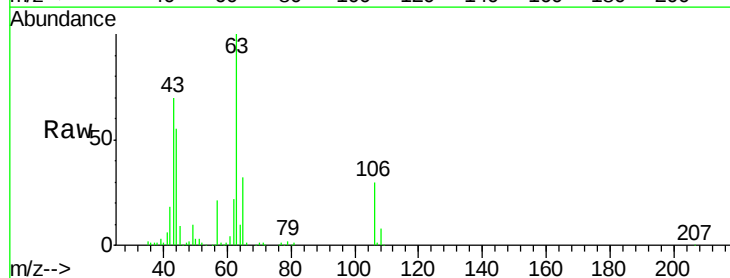
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

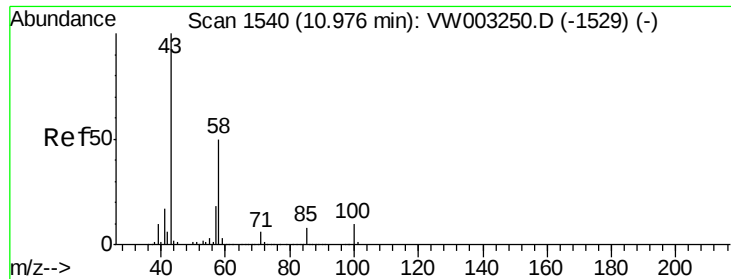
Tgt Ion: 76 Resp: 34249
 Ion Ratio Lower Upper
 76 100
 78 33.3 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 46.52 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

Tgt Ion: 63 Resp: 51608
 Ion Ratio Lower Upper
 63 100
 106 27.5 21.8 32.8

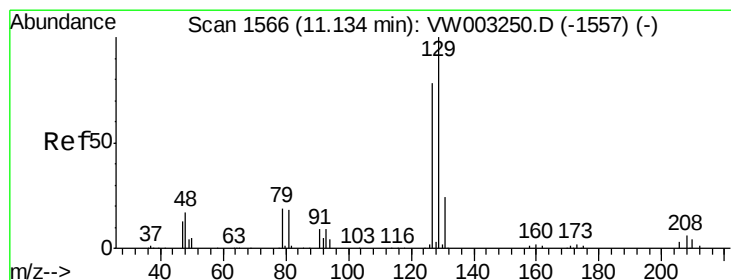
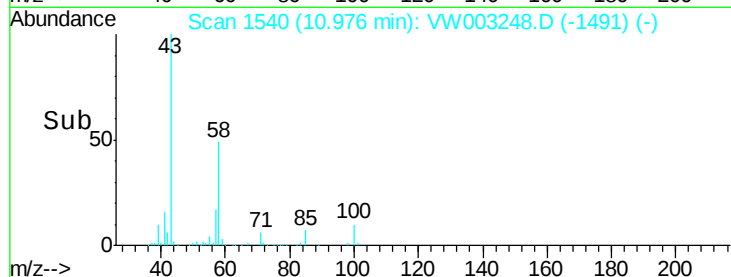
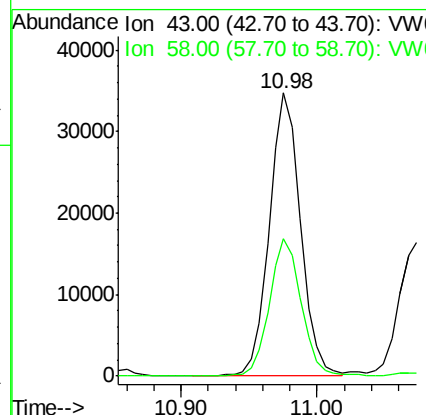
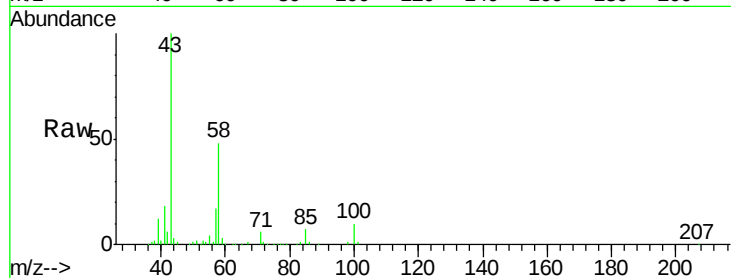




#59
2-Hexanone
Concen: 50.29 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

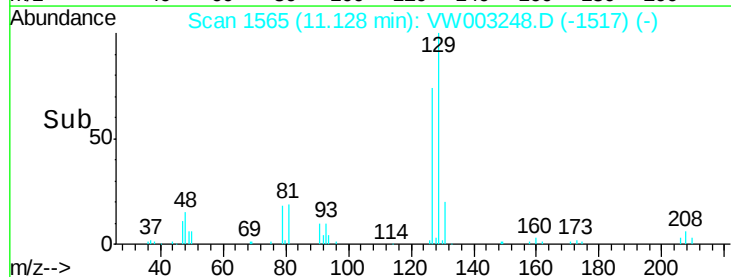
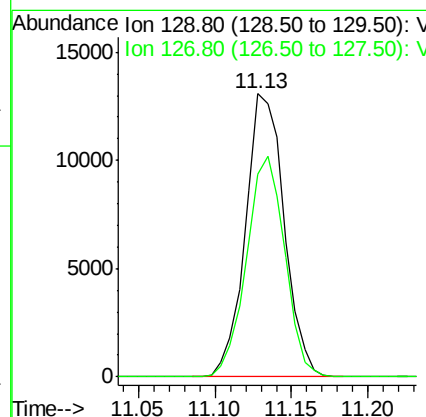
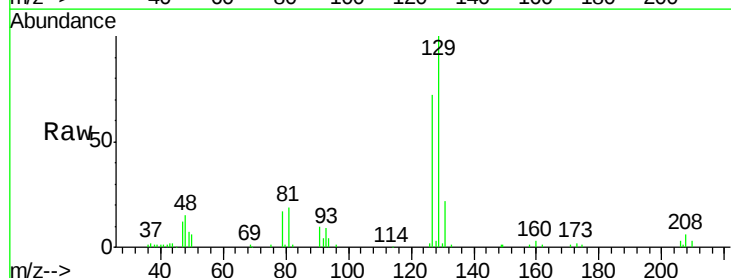
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

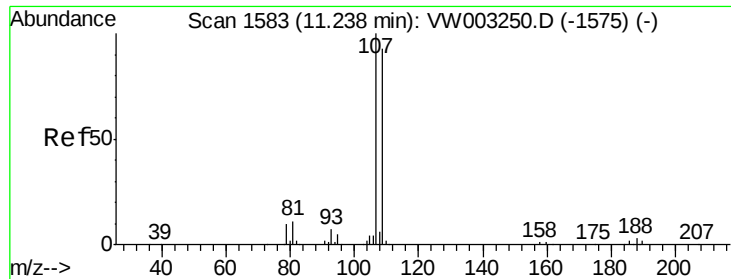
Tgt Ion: 43 Resp: 55870
Ion Ratio Lower Upper
43 100
58 49.7 25.0 75.0



#60
Dibromochloromethane
Concen: 9.74 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Tgt Ion: 129 Resp: 22978
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.5

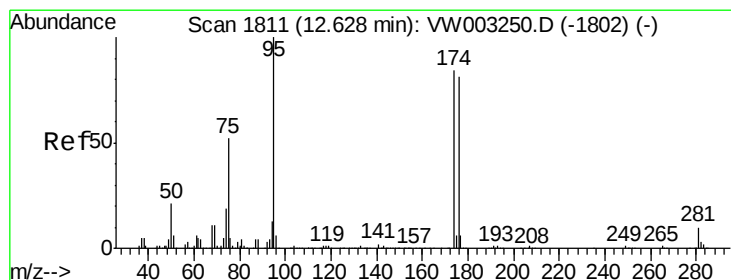
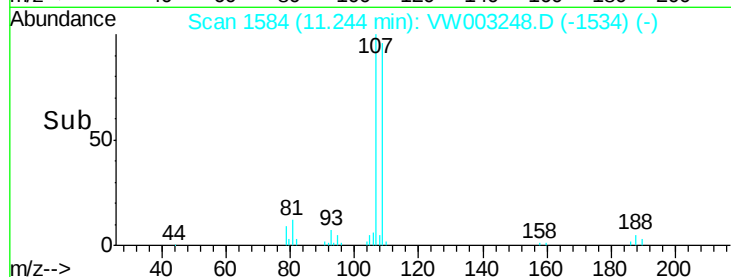
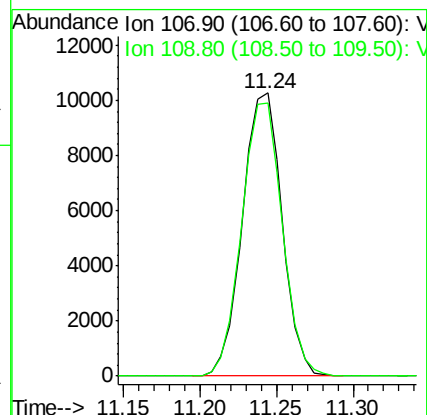
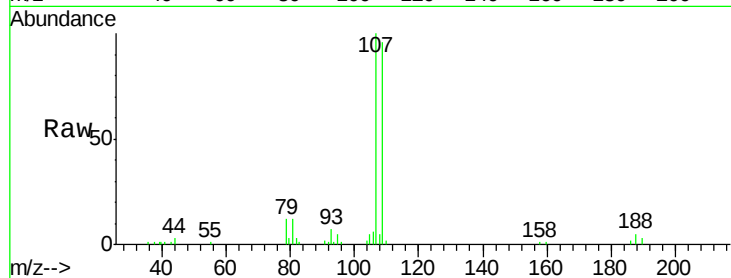




#61
 1,2-Dibromoethane
 Concen: 9.77 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

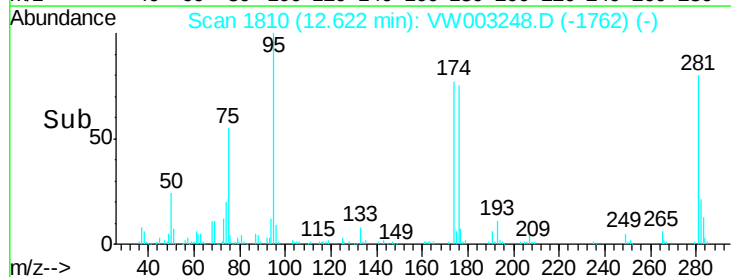
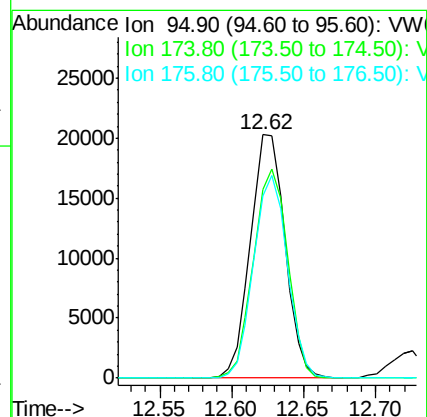
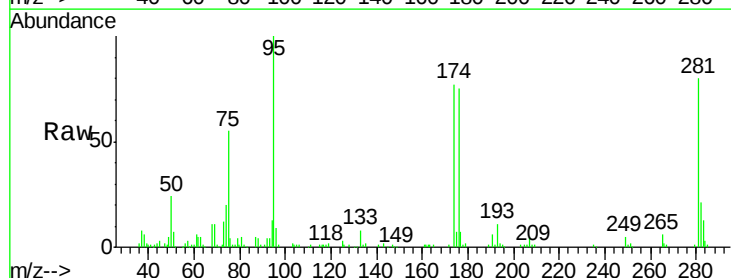
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

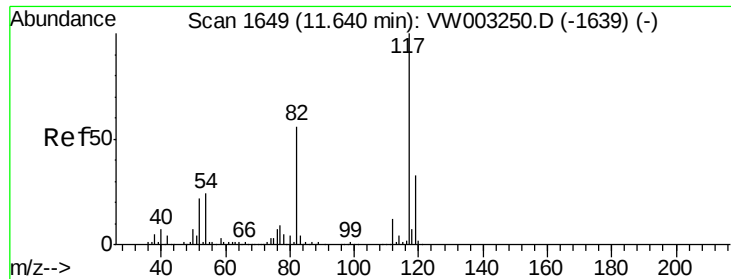
Tgt Ion: 107 Resp: 18477
 Ion Ratio Lower Upper
 107 100
 109 99.0 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 10.09 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

Tgt Ion: 95 Resp: 33768
 Ion Ratio Lower Upper
 95 100
 174 84.9 0.0 166.4
 176 81.1 0.0 162.0

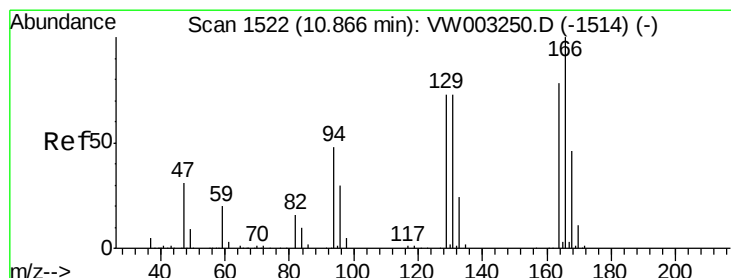
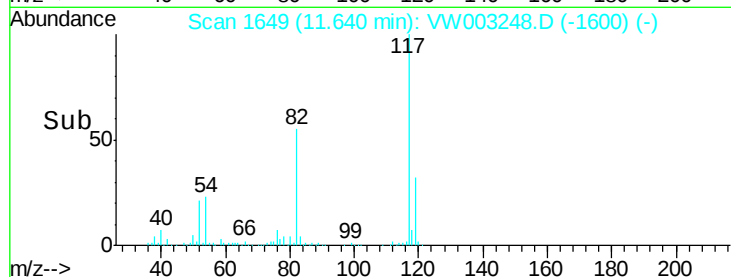
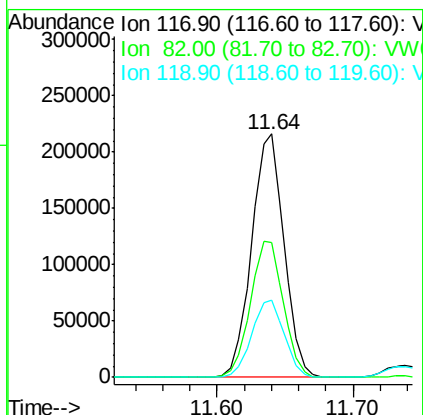
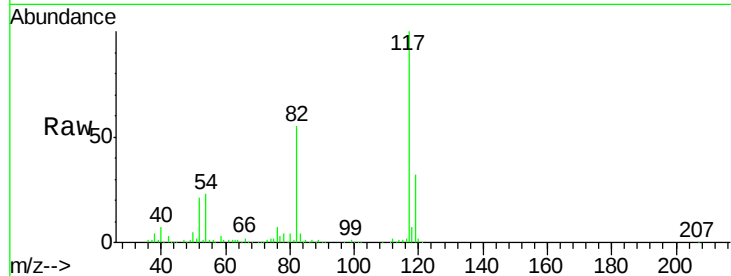




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

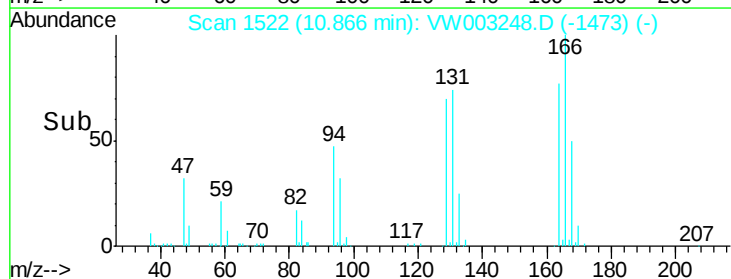
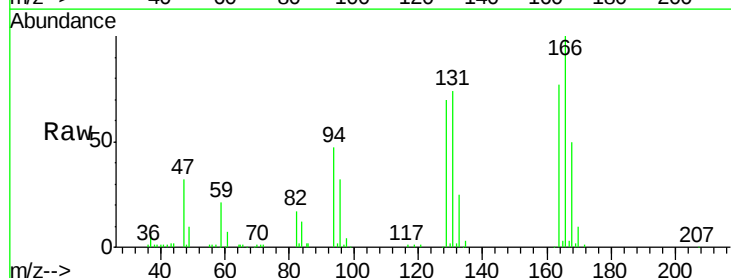
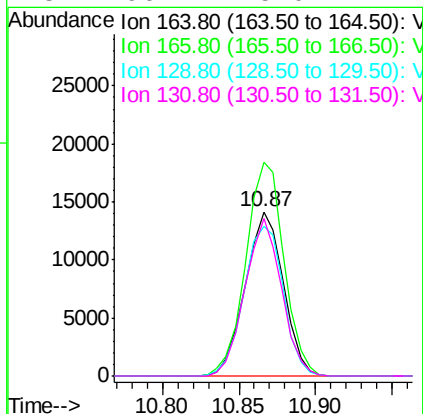
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

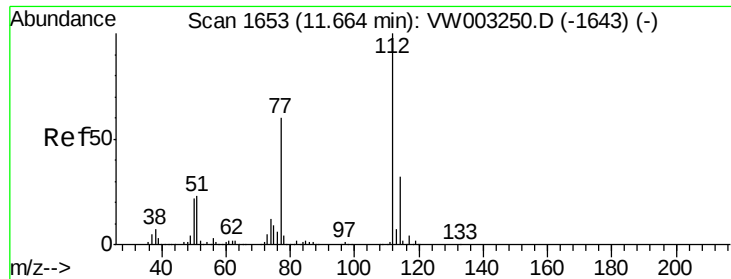
Tgt Ion:117 Resp: 361951
Ion Ratio Lower Upper
117 100
82 55.3 44.6 67.0
119 31.5 26.7 40.1



#64
Tetrachloroethene
Concen: 9.57 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Tgt Ion:164 Resp: 24538
Ion Ratio Lower Upper
164 100
166 130.0 102.6 154.0
129 91.2 75.2 112.8
131 96.1 75.0 112.4





#65

Chlorobenzene

Concen: 10.49 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Instrument :

MSVOA_W

ClientSampled :

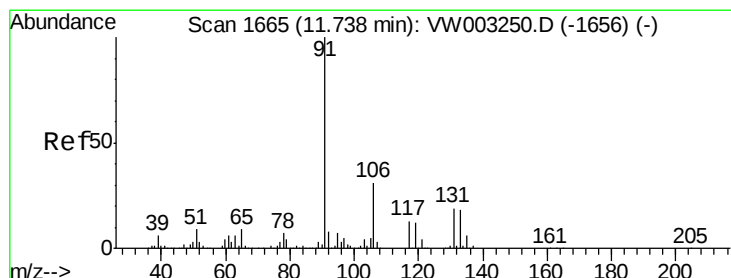
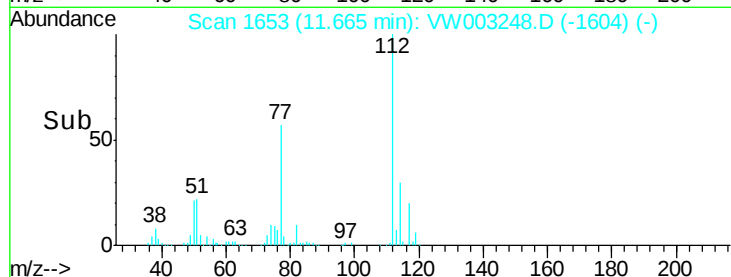
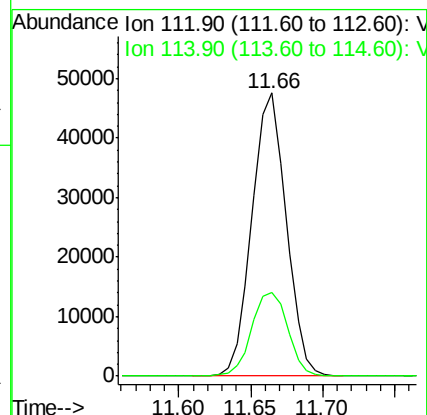
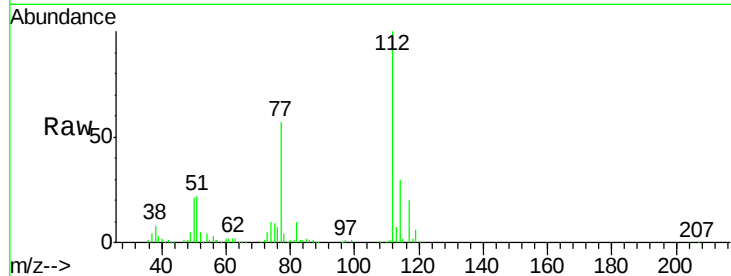
VSTDIC010

Tgt Ion:112 Resp: 78043

Ion Ratio Lower Upper

112 100

114 29.6 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 10.47 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

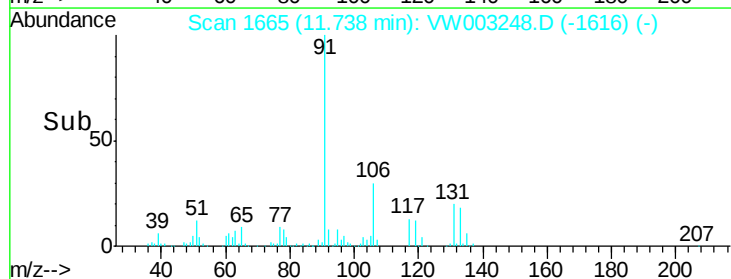
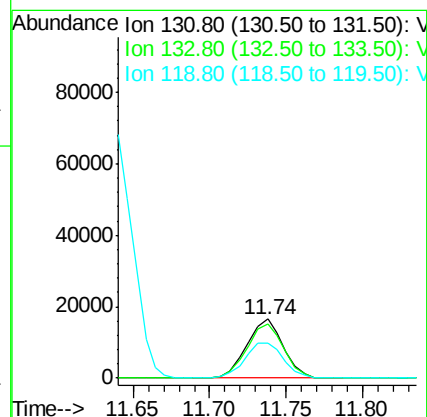
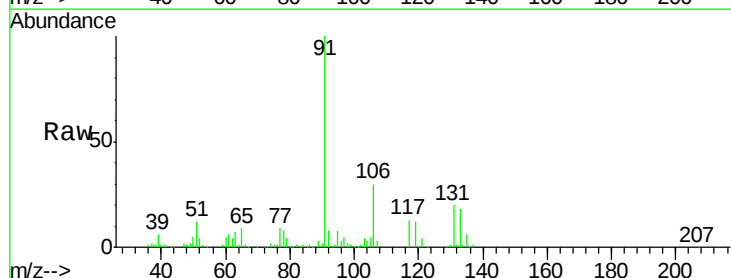
Tgt Ion:131 Resp: 27188

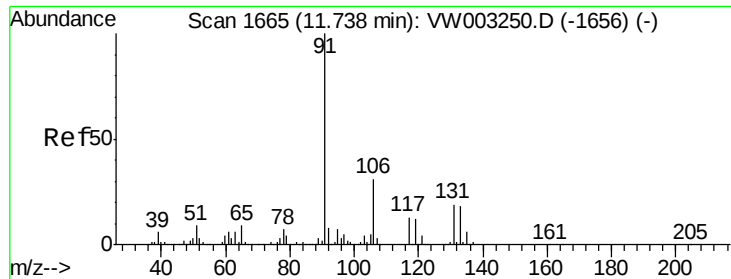
Ion Ratio Lower Upper

131 100

133 93.0 47.3 142.0

119 63.8 32.5 97.4

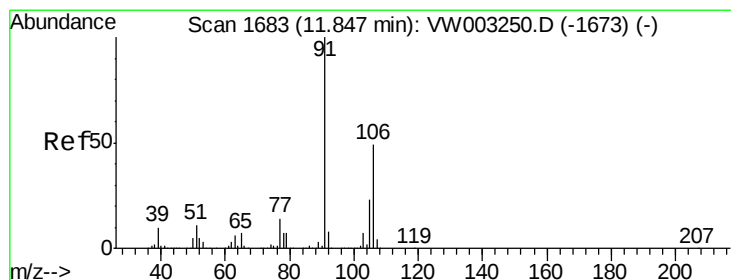
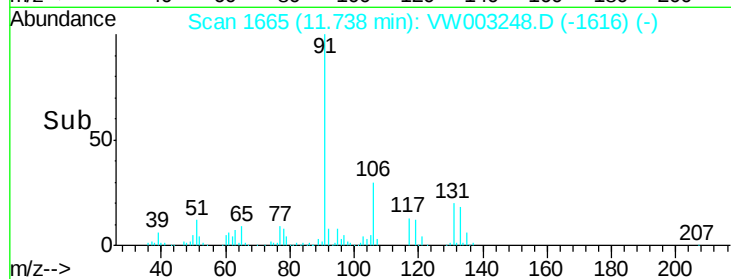
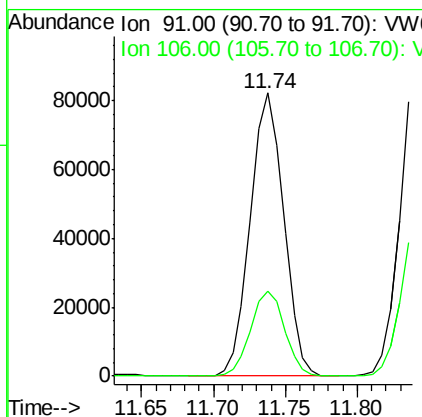
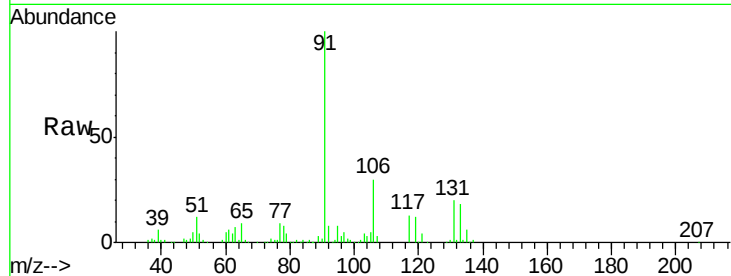




#67
Ethyl Benzene
Concen: 10.05 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

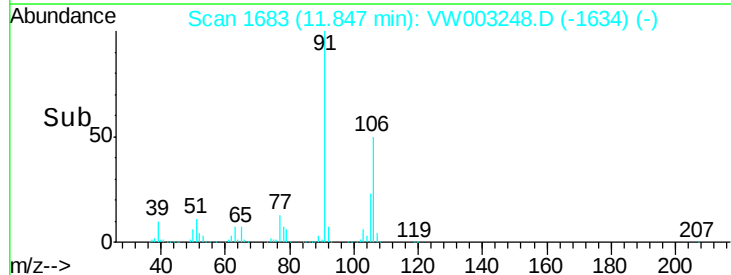
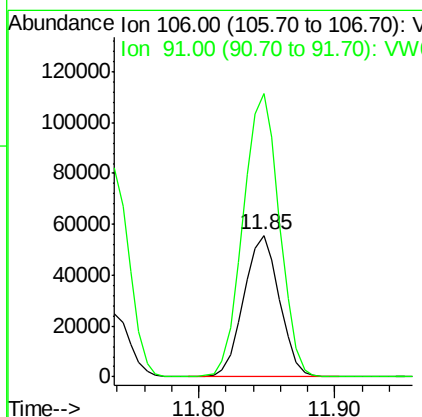
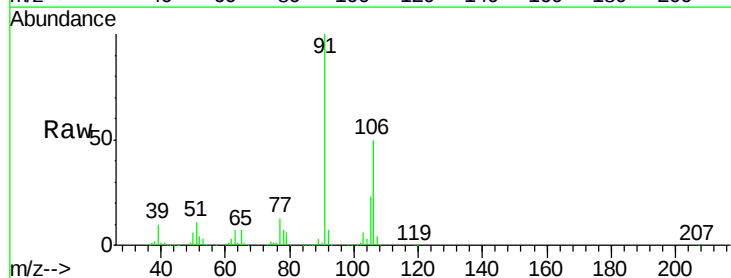
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

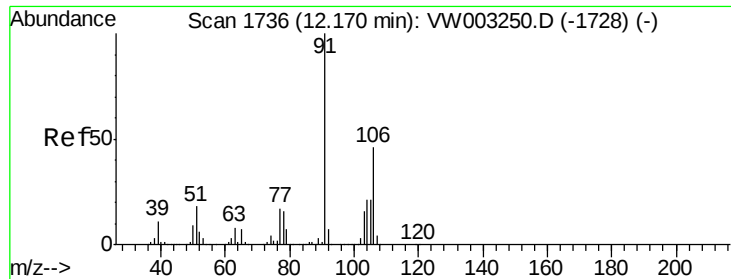
Tgt Ion: 91 Resp: 132210
Ion Ratio Lower Upper
91 100
106 30.2 24.7 37.1



#68
m/p-Xylenes
Concen: 20.27 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Tgt Ion: 106 Resp: 102015
Ion Ratio Lower Upper
106 100
91 203.6 165.4 248.0

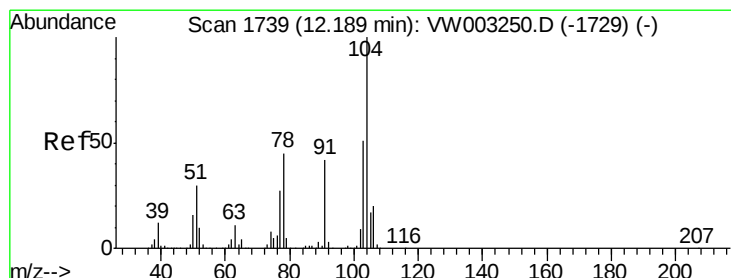
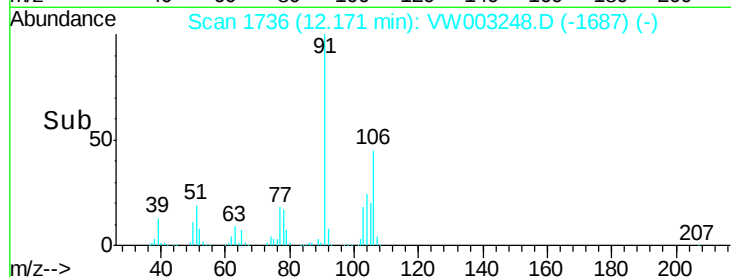
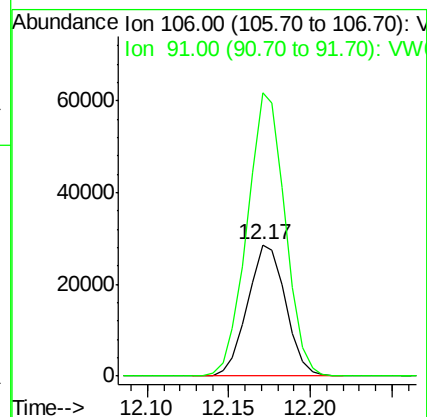
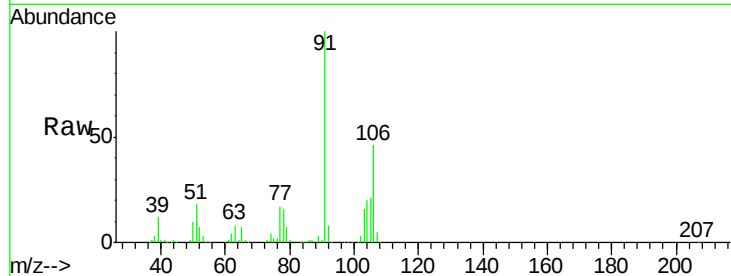




#69
o-Xylene
Concen: 9.79 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

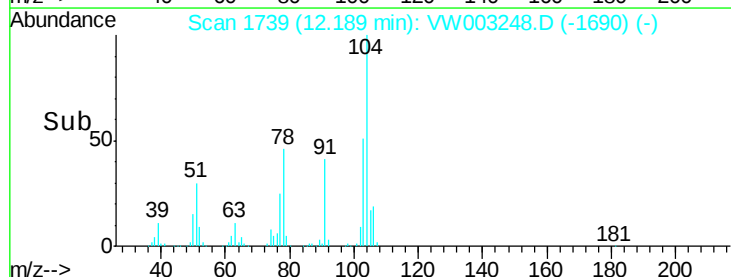
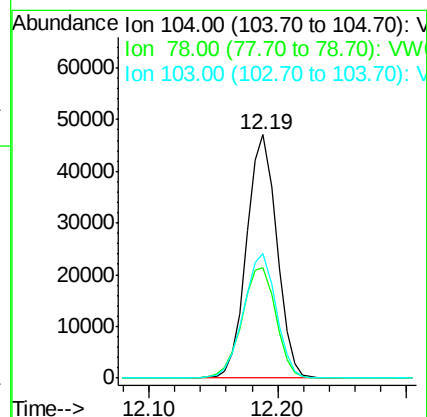
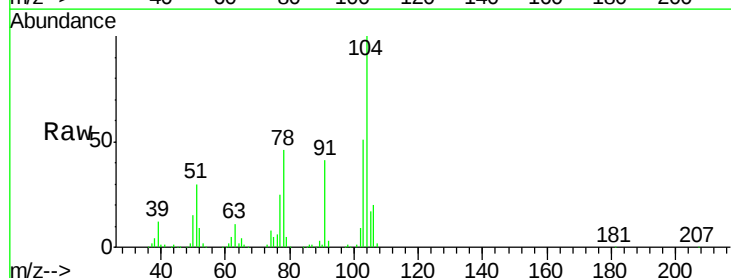
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

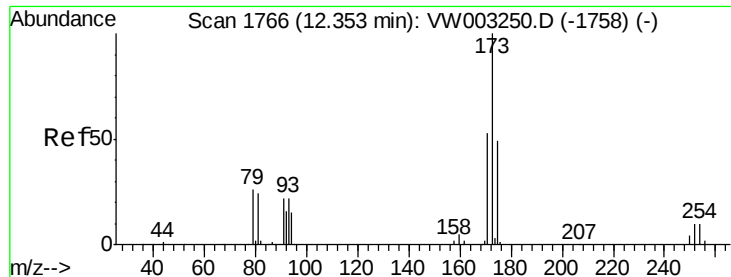
Tgt Ion:106 Resp: 46432
Ion Ratio Lower Upper
106 100
91 215.1 108.6 325.6



#70
Styrene
Concen: 9.61 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Tgt Ion:104 Resp: 76172
Ion Ratio Lower Upper
104 100
78 51.3 41.3 61.9
103 55.4 45.0 67.4

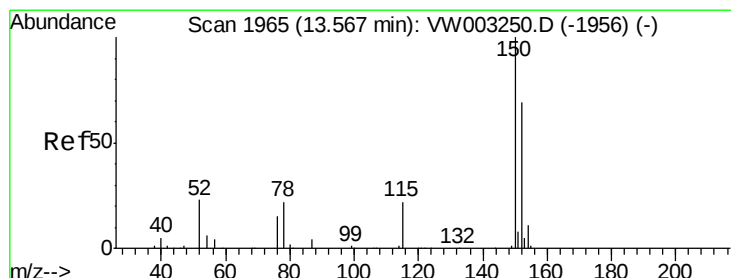
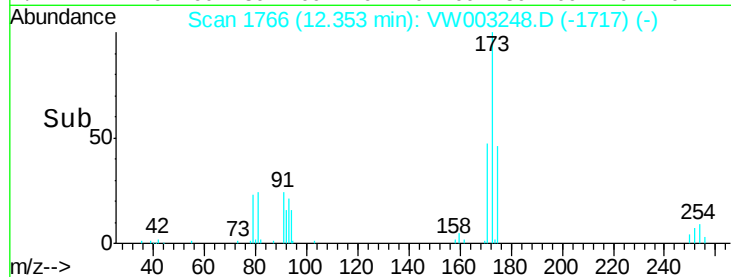
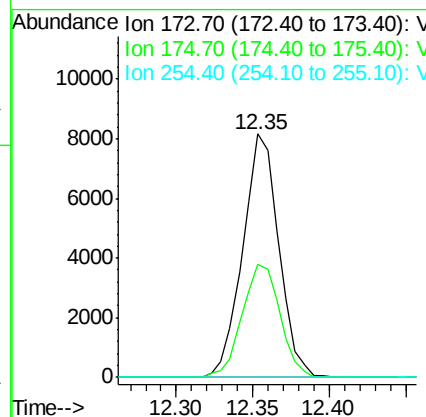
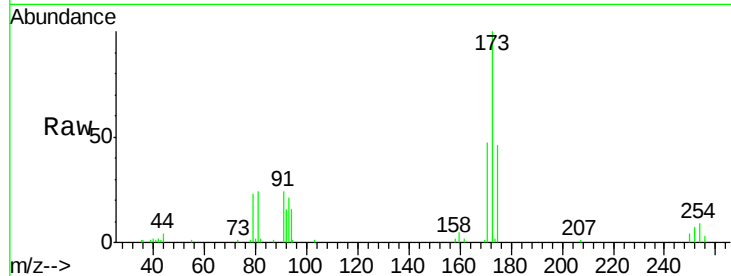




#71
Bromoform
Concen: 9.62 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

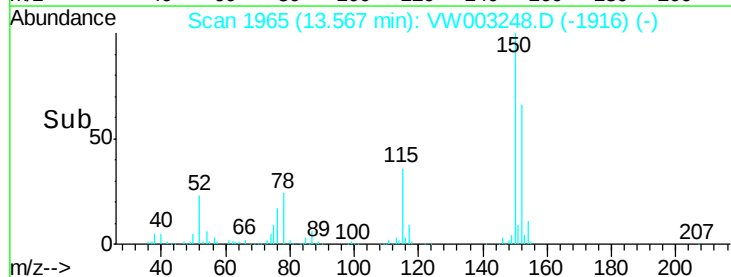
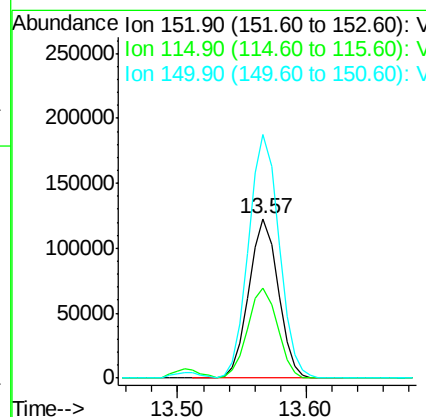
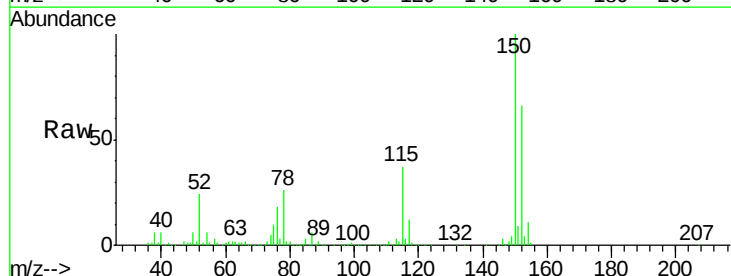
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

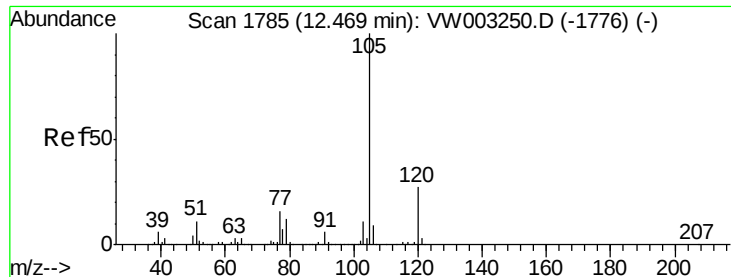
Tgt Ion:173 Resp: 13346
Ion Ratio Lower Upper
173 100
175 48.8 24.4 73.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Tgt Ion:152 Resp: 192901
Ion Ratio Lower Upper
152 100
115 57.5 29.3 88.0
150 159.2 0.0 349.6





#73

Isopropylbenzene

Concen: 9.79 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

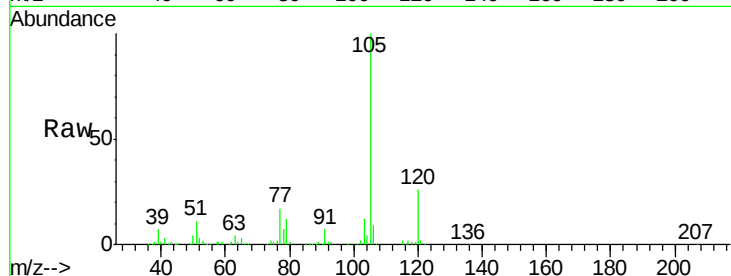
VSTDIC010

Tgt Ion:105 Resp: 130794

Ion Ratio Lower Upper

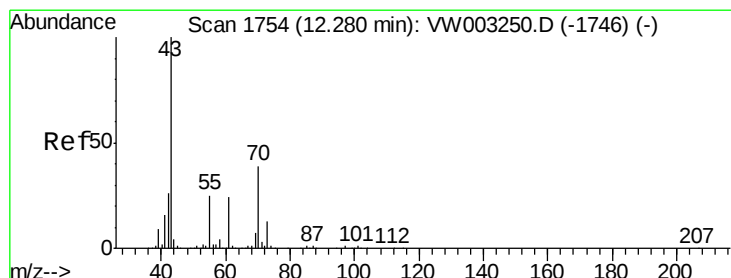
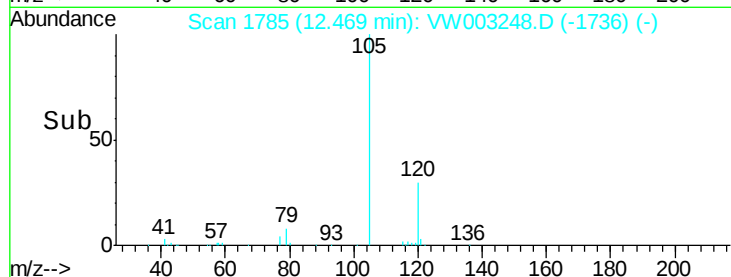
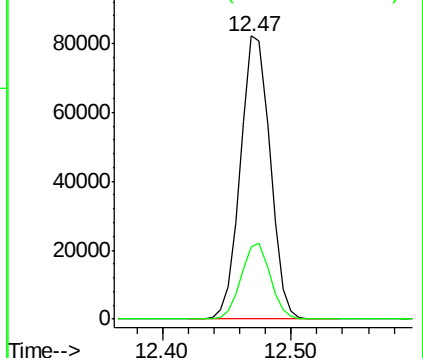
105 100

120 26.3 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: 9.16 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Tgt Ion: 43 Resp: 28184

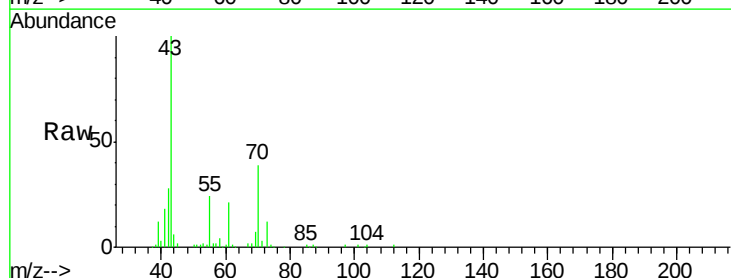
Ion Ratio Lower Upper

43 100

70 39.8 31.0 46.6

55 26.3 19.7 29.5

61 20.6 18.1 27.1

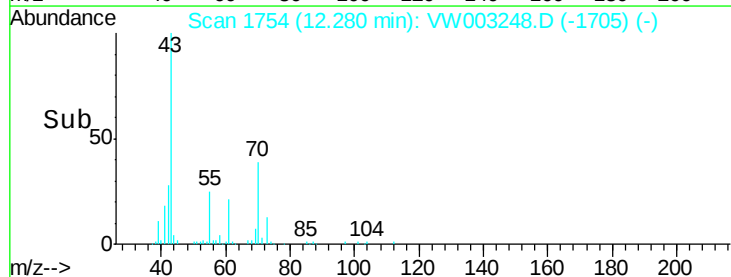
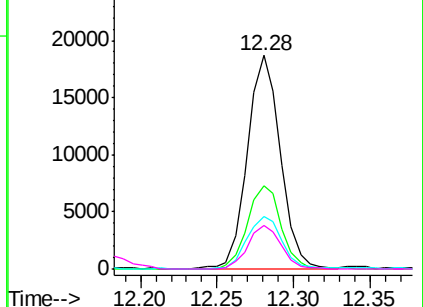


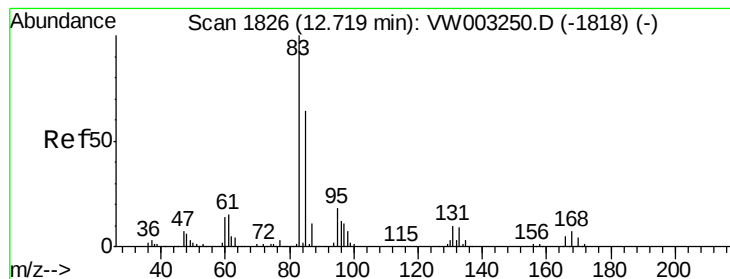
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 10.25 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

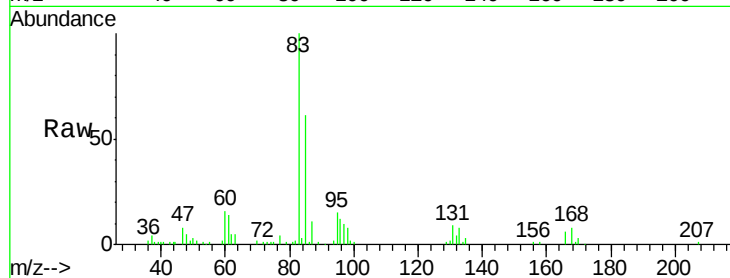
Tgt Ion: 83 Resp: 23318

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

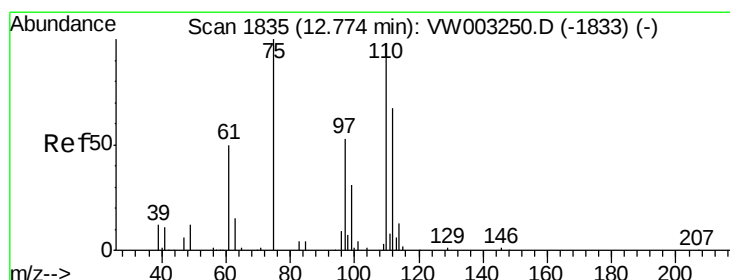
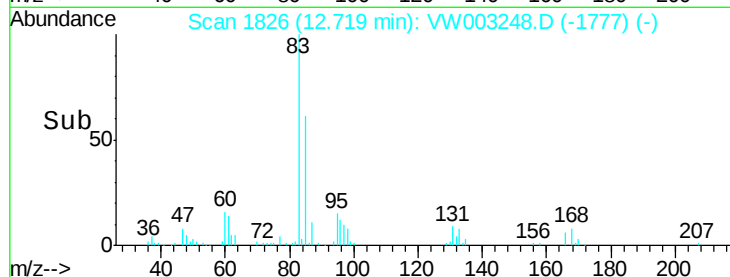
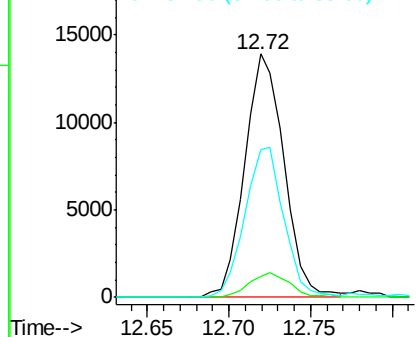
85 61.3 31.9 95.7



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: 17.91 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003248.D

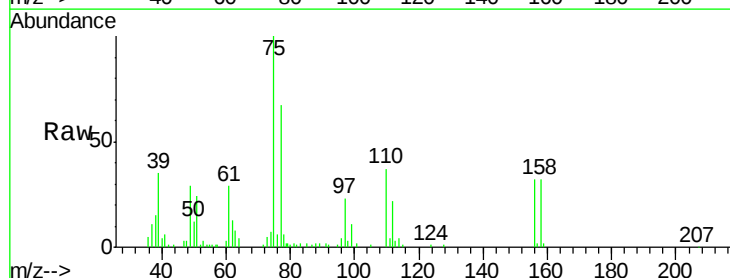
Acq: 13 Jun 2018 16:32

Tgt Ion: 75 Resp: 30643

Ion Ratio Lower Upper

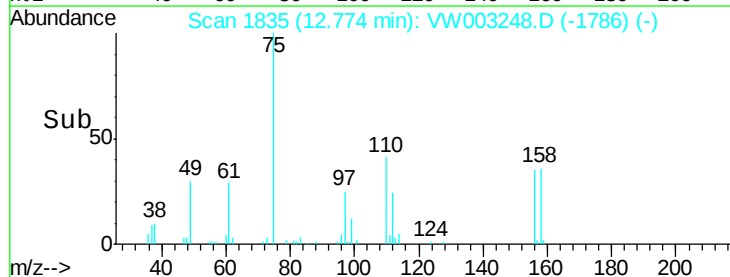
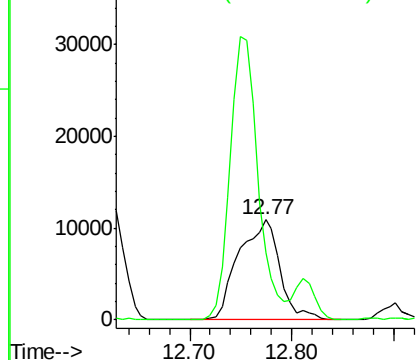
75 100

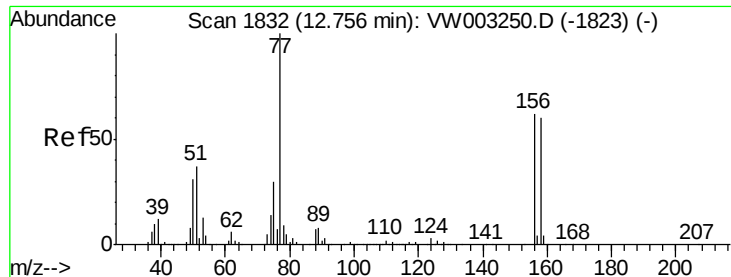
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 9.80 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

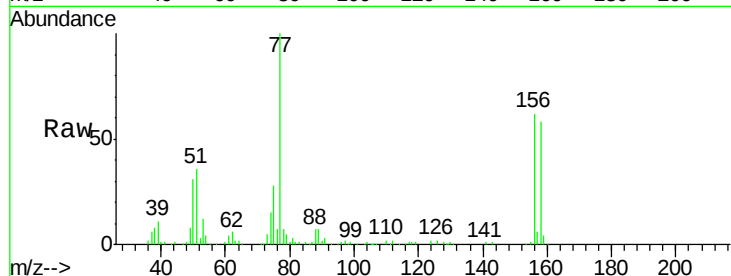
Tgt Ion:156 Resp: 30865

Ion Ratio Lower Upper

156 100

77 189.2 92.3 276.9

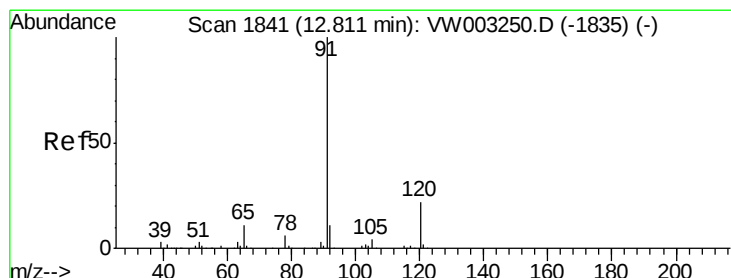
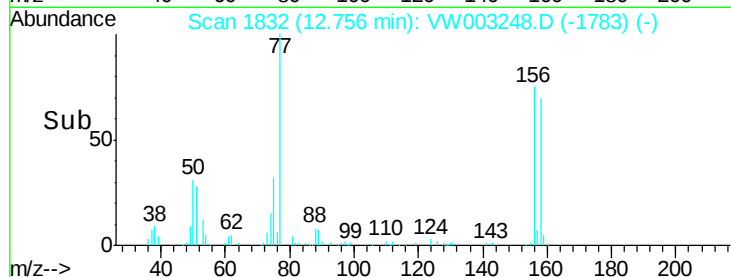
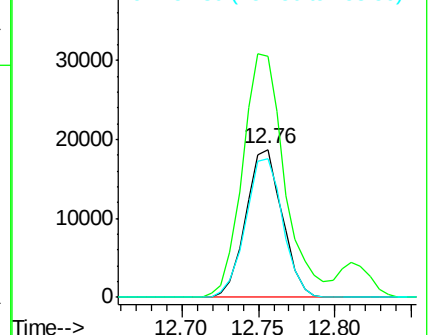
158 96.4 47.5 142.6



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: 10.12 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003248.D

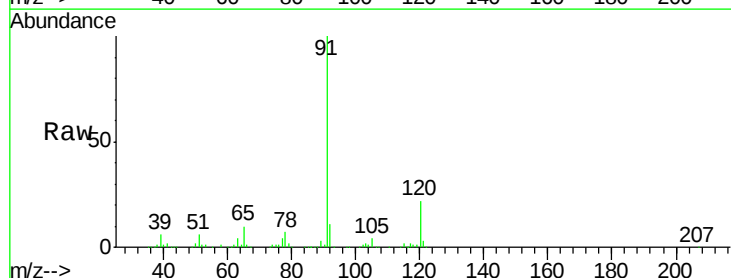
Acq: 13 Jun 2018 16:32

Tgt Ion: 91 Resp: 161407

Ion Ratio Lower Upper

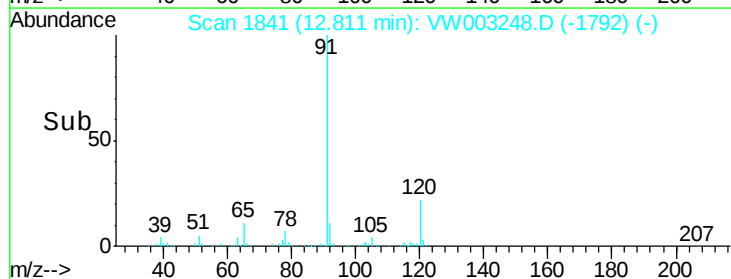
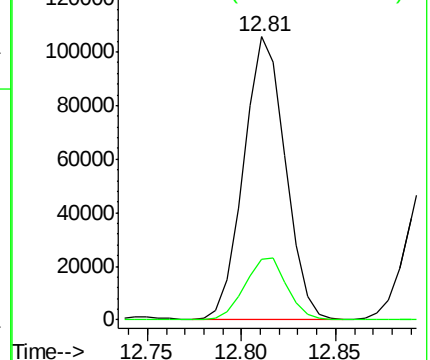
91 100

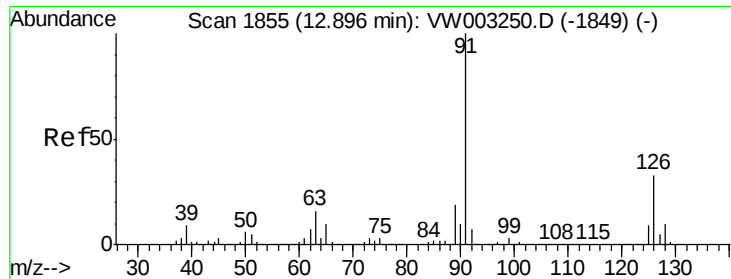
120 22.2 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

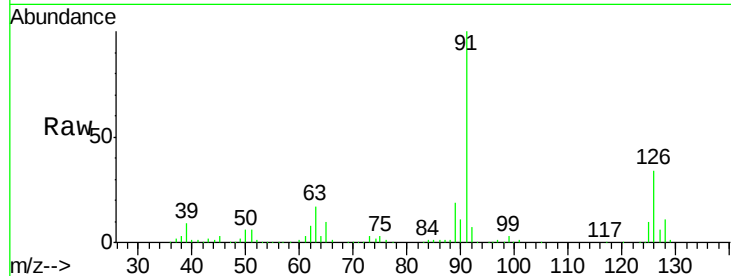




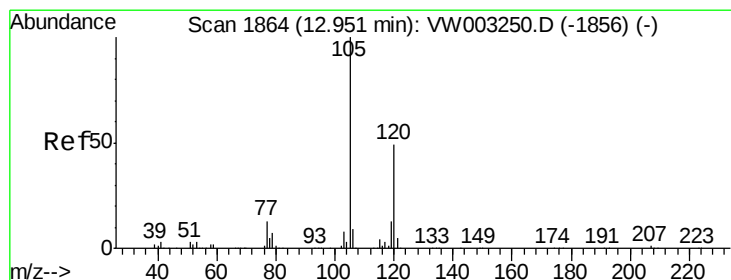
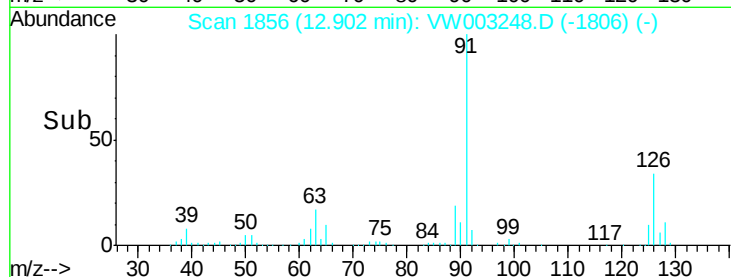
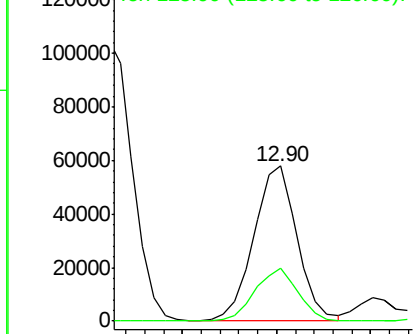
#79
 2-Chlorotoluene
 Concen: 10.15 ug/l
 RT: 12.90 min Scan# 1856
 Delta R.T. 0.01 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion: 91 Resp: 91929
 Ion Ratio Lower Upper
 91 100
 126 33.7 16.8 50.4

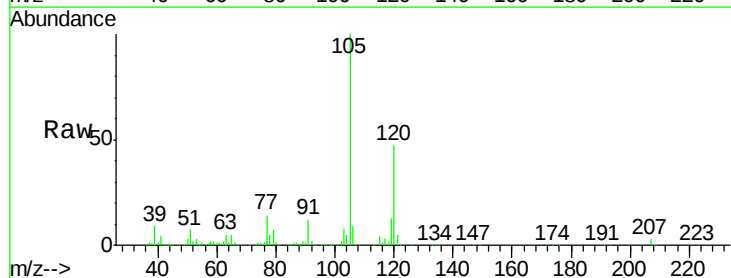


Abundance Ion 91.00 (90.70 to 91.70): VW
 Ion 125.90 (125.60 to 126.60): V

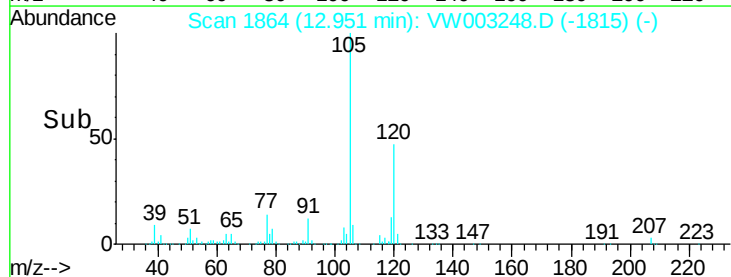
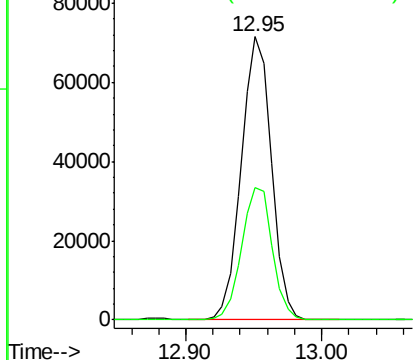


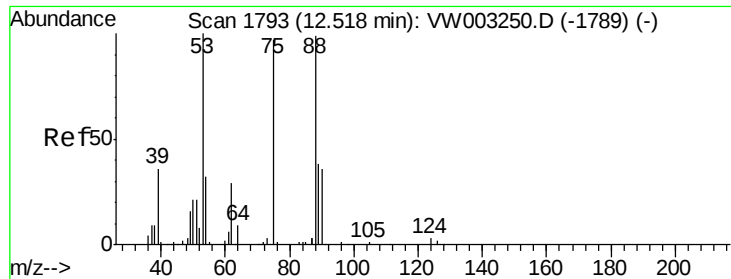
#80
 1,3,5-Trimethylbenzene
 Concen: 9.95 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

Tgt Ion: 105 Resp: 110855
 Ion Ratio Lower Upper
 105 100
 120 47.5 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: 9.87 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

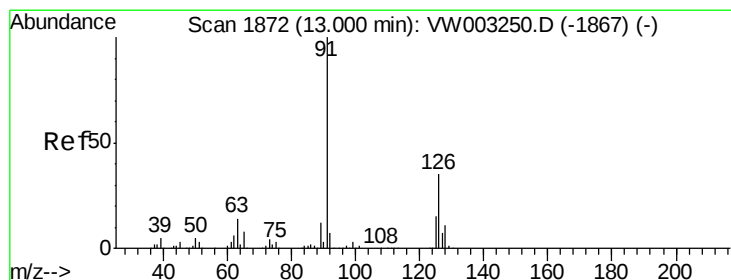
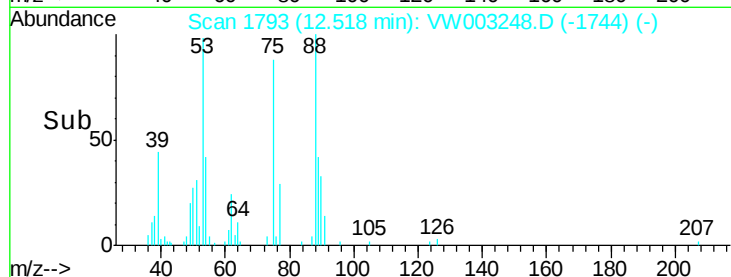
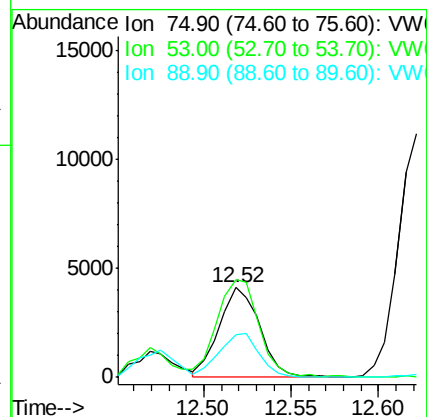
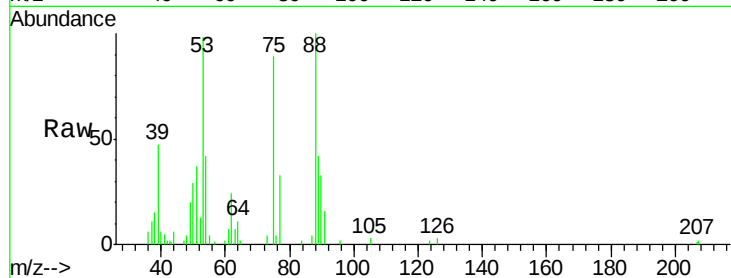
Tgt Ion: 75 Resp: 6657

Ion Ratio Lower Upper

75 100

53 112.0 82.9 124.3

89 48.1 36.7 55.1



#82

4-Chlorotoluene

Concen: 10.21 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.01 min

Lab File: VW003248.D

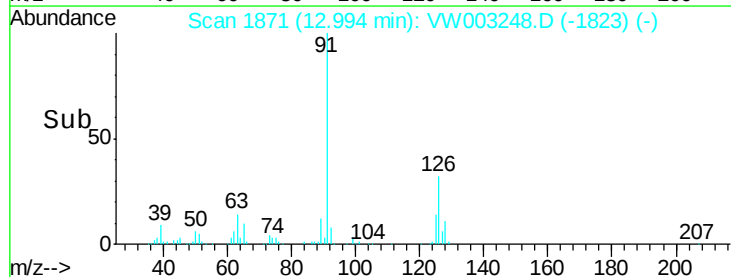
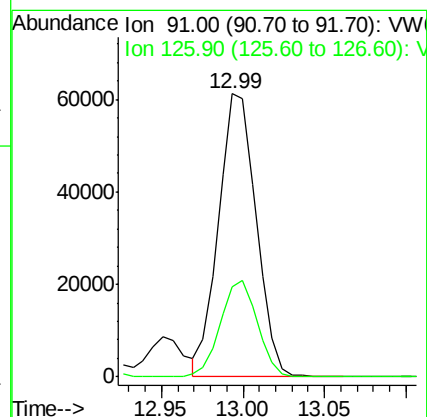
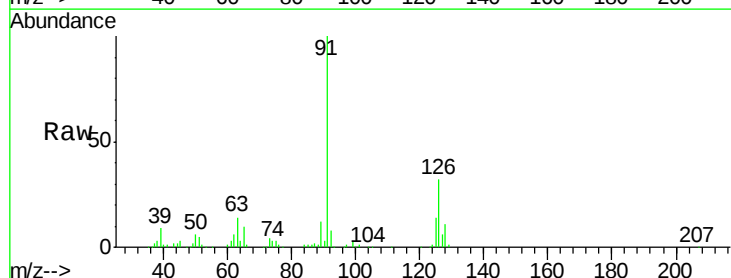
Acq: 13 Jun 2018 16:32

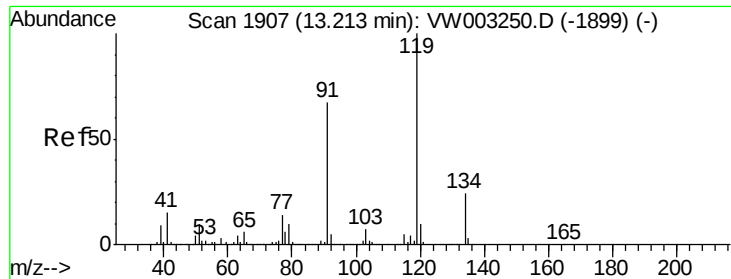
Tgt Ion: 91 Resp: 98757

Ion Ratio Lower Upper

91 100

126 33.5 16.8 50.3

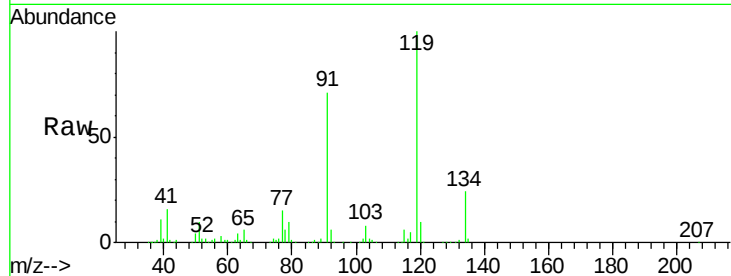




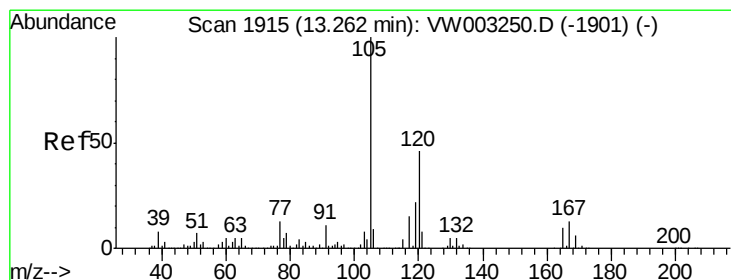
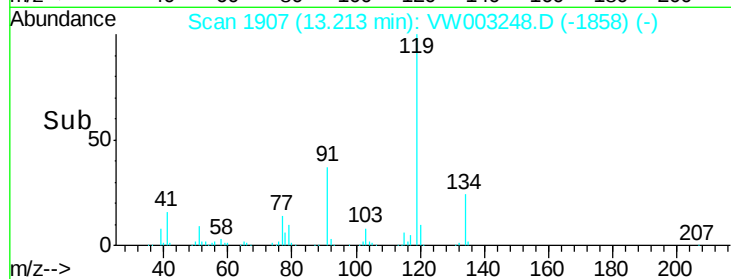
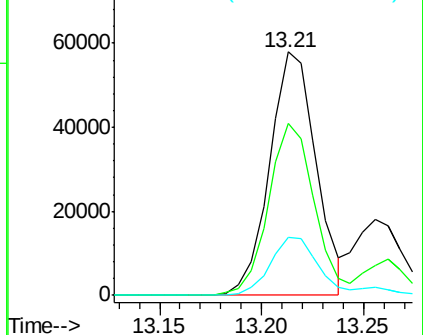
#83
 tert-Butylbenzene
 Concen: 9.39 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion:119 Resp: 92050
 Ion Ratio Lower Upper
 119 100
 91 69.8 33.9 101.7
 134 24.6 13.4 40.1

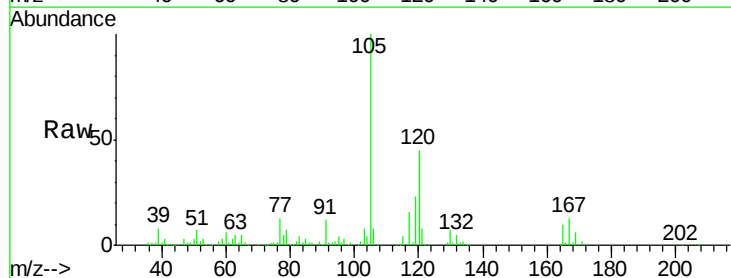


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

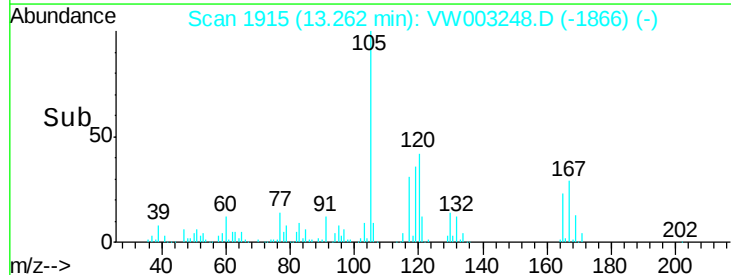
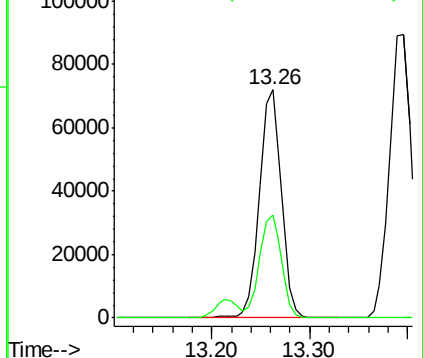


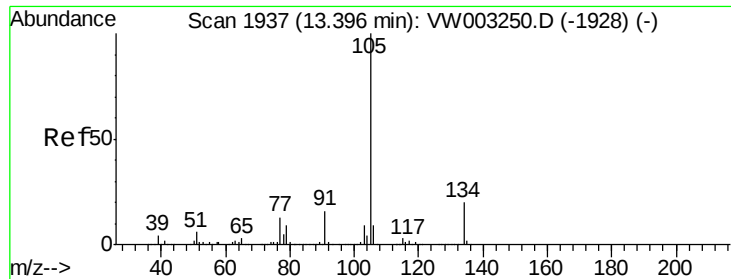
#84
 1,2,4-Trimethylbenzene
 Concen: 9.81 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

Tgt Ion:105 Resp: 112825
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.5 67.5



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

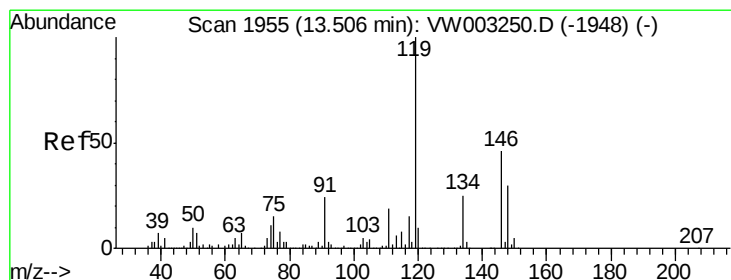
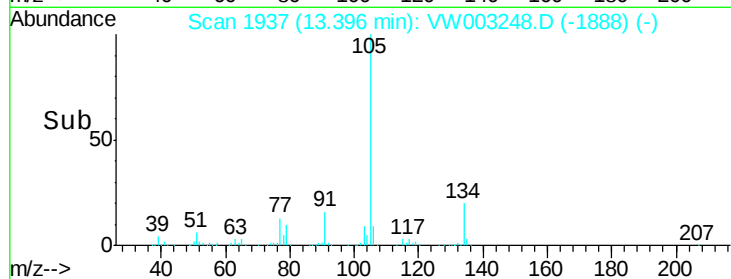
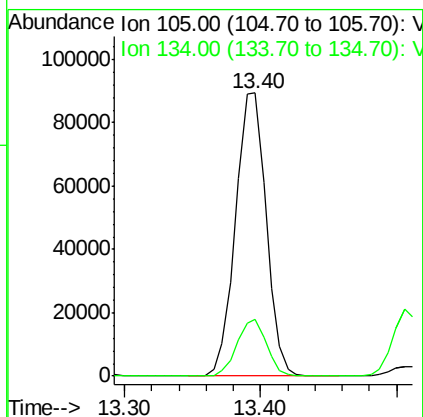
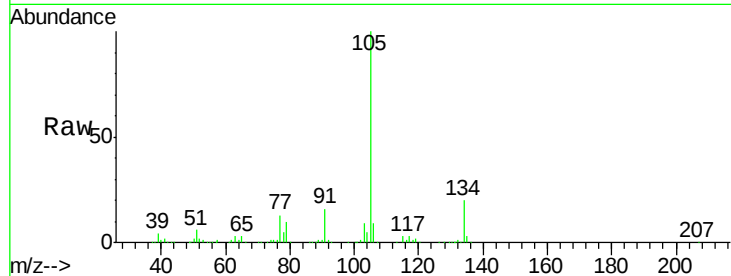




#85
 sec-Butylbenzene
 Concen: 10.09 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

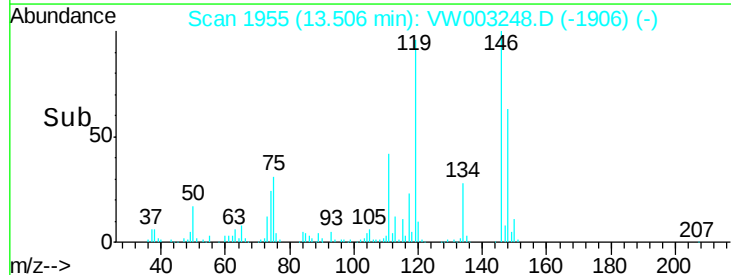
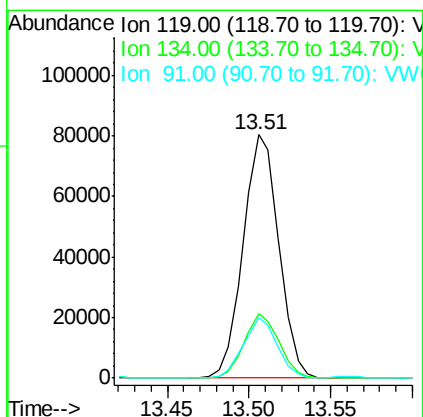
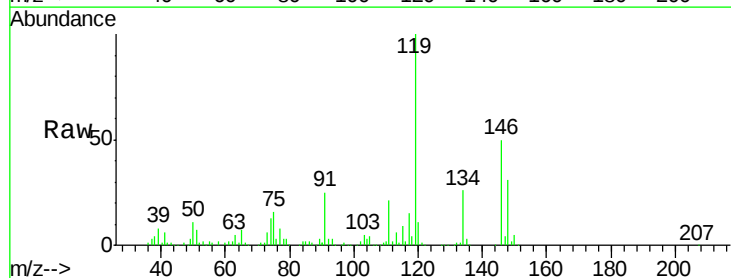
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

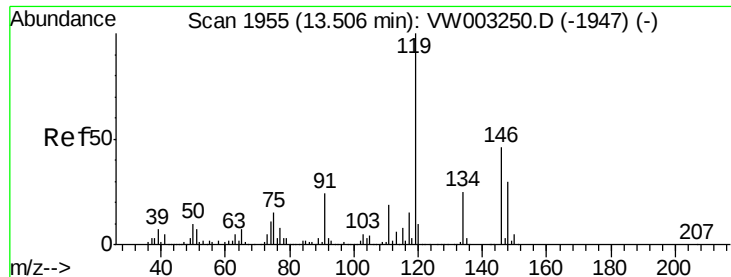
Tgt Ion:105 Resp: 140451
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 9.84 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

Tgt Ion:119 Resp: 122460
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.7
 91 23.8 11.8 35.3

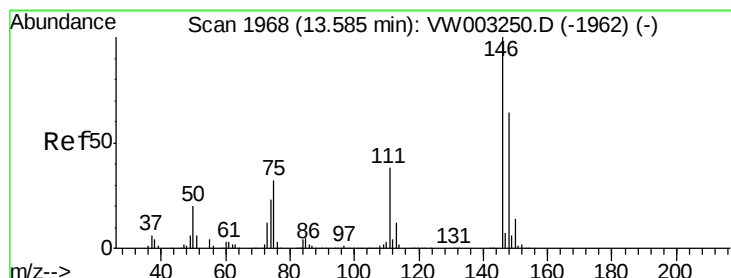
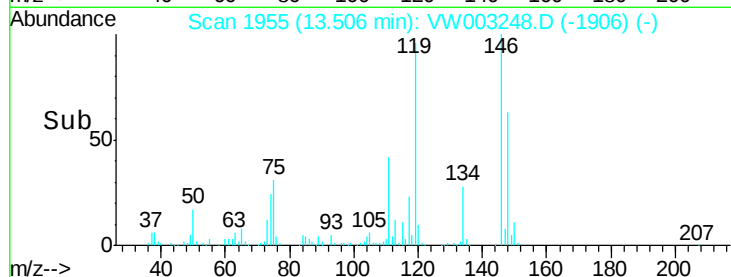
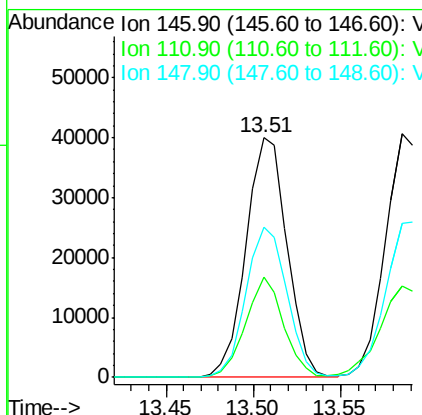
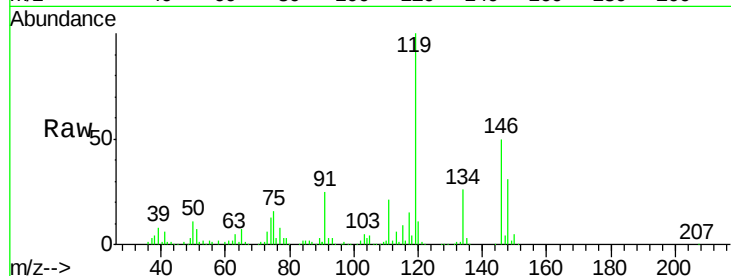




#87
 1,3-Dichlorobenzene
 Concen: 10.29 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

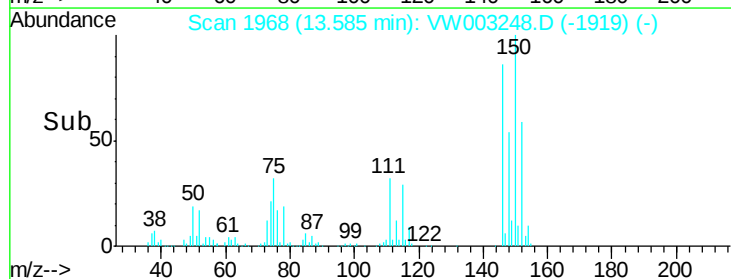
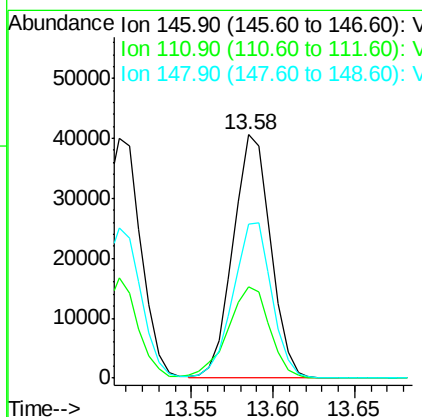
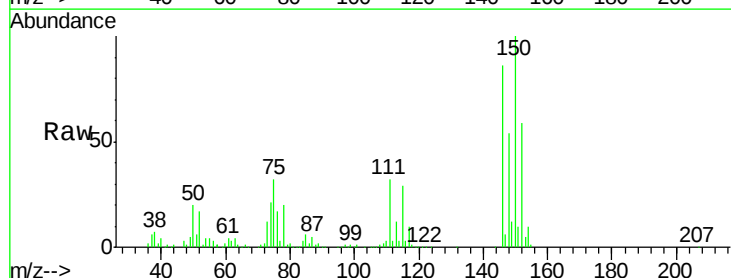
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

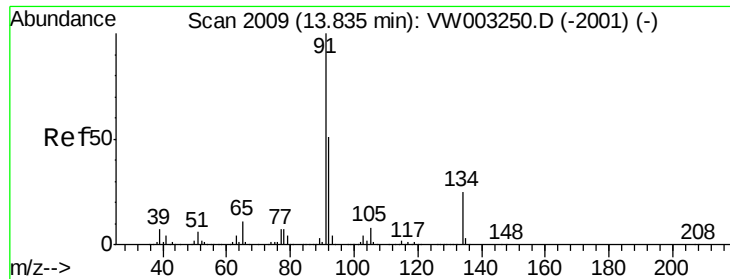
Tgt Ion:146 Resp: 65210
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.8 59.4
 148 62.6 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 10.35 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

Tgt Ion:146 Resp: 65505
 Ion Ratio Lower Upper
 146 100
 111 41.4 19.2 57.6
 148 65.3 31.8 95.4





#89

n-Butylbenzene

Concen: 10.09 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003248.D

Acq: 13 Jun 2018 16:32

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

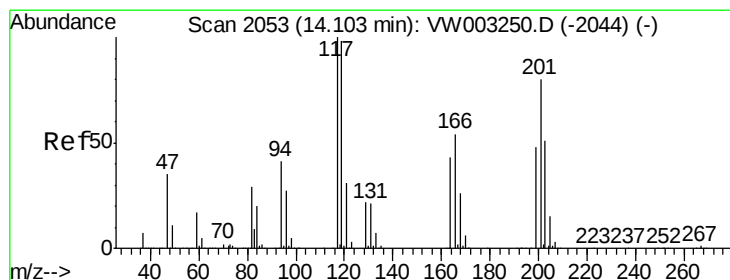
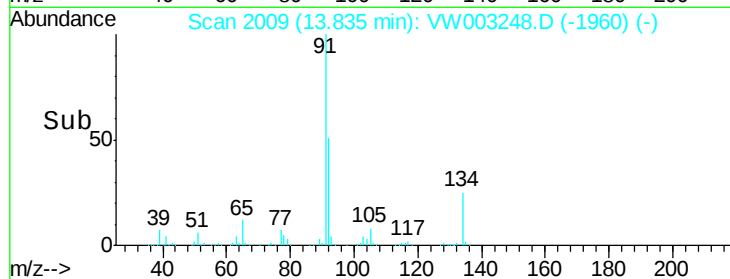
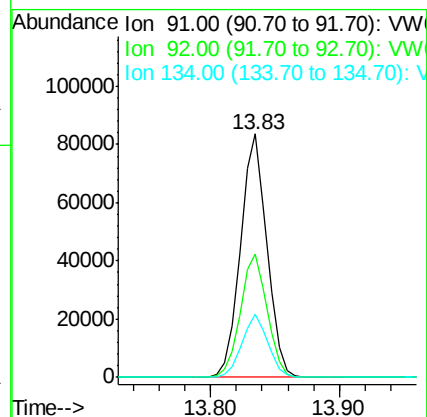
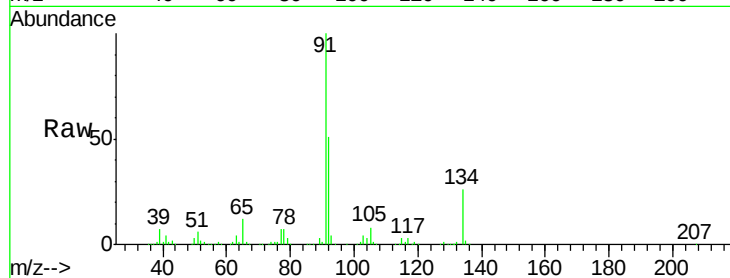
Tgt Ion: 91 Resp: 118867

Ion Ratio Lower Upper

91 100

92 51.3 26.0 78.0

134 25.4 12.7 38.0



#90

Hexachloroethane

Concen: 10.16 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003248.D

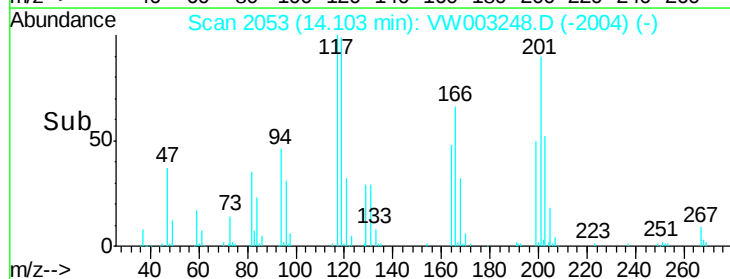
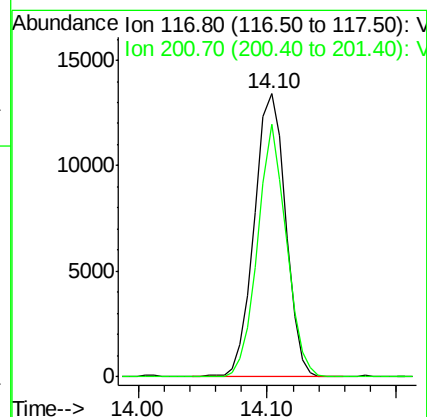
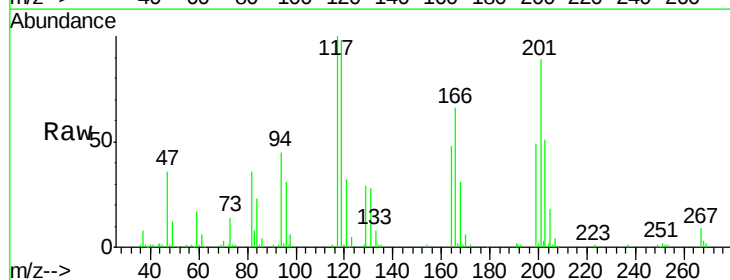
Acq: 13 Jun 2018 16:32

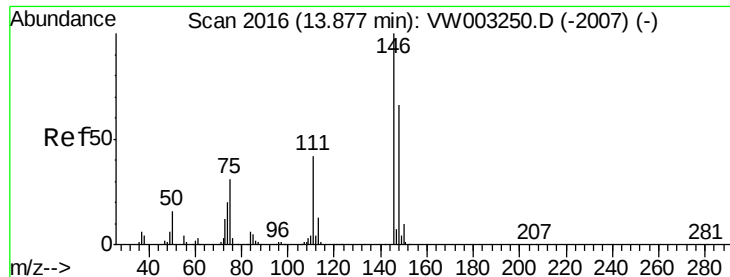
Tgt Ion: 117 Resp: 22466

Ion Ratio Lower Upper

117 100

201 81.7 39.5 118.5

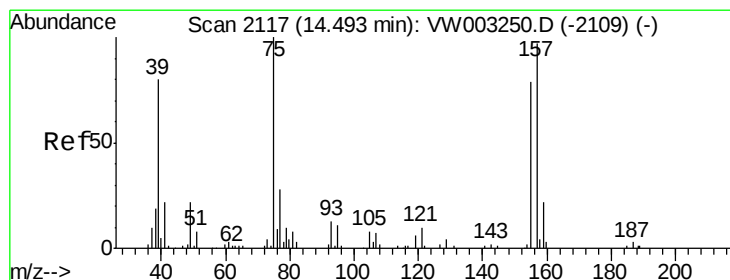
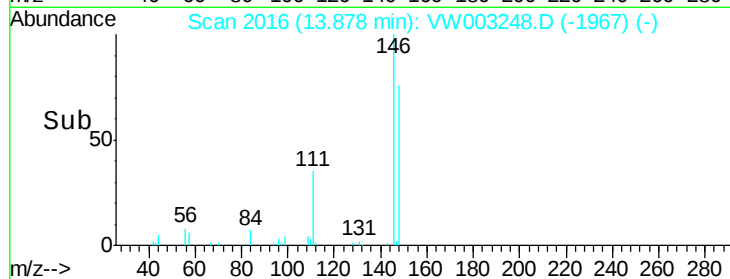
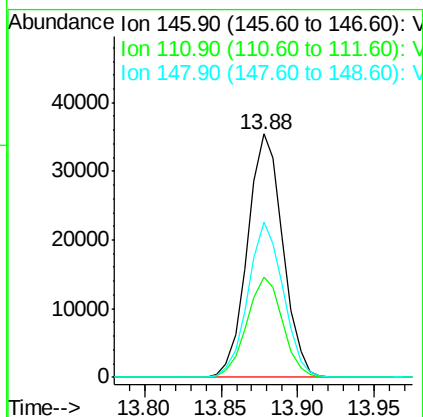
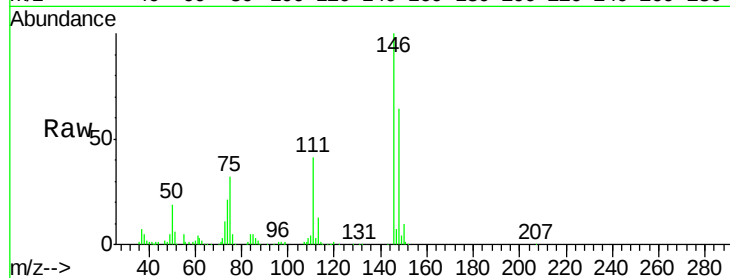




#91
 1,2-Dichlorobenzene
 Concen: 10.08 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

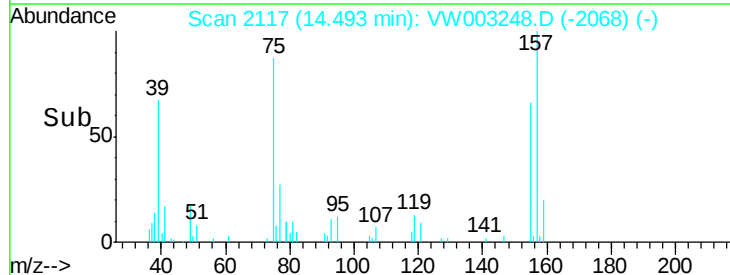
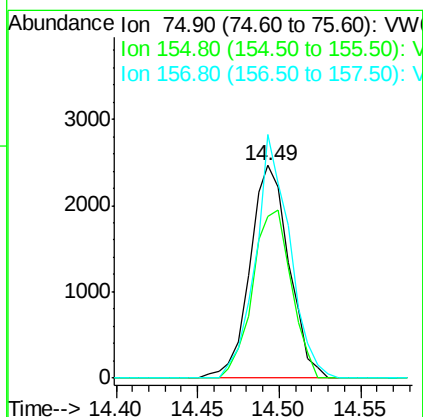
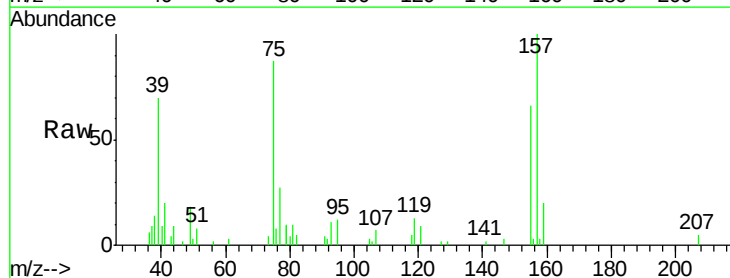
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

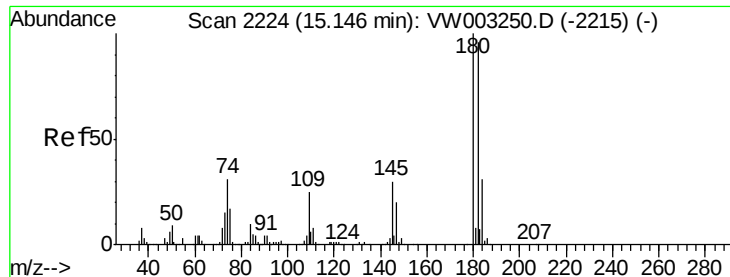
Tgt Ion: 146 Resp: 56911
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.3 61.0
 148 63.7 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.53 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

Tgt Ion: 75 Resp: 4113
 Ion Ratio Lower Upper
 75 100
 155 78.5 39.4 118.2
 157 100.0 51.5 154.5

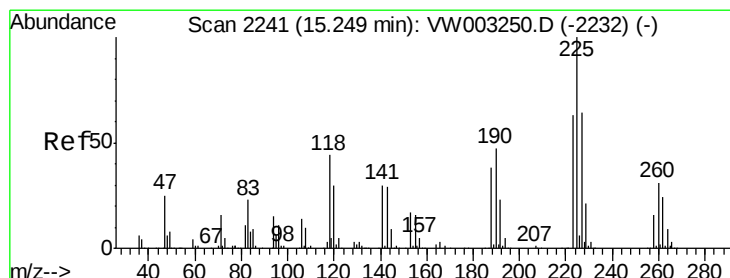
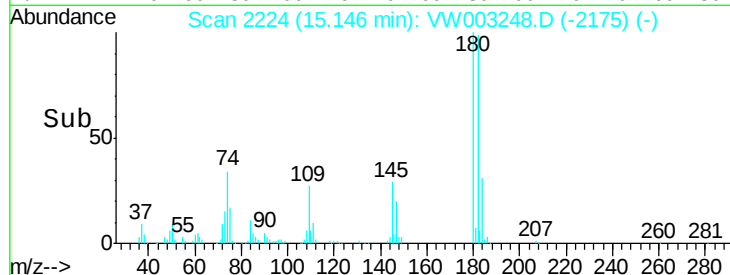
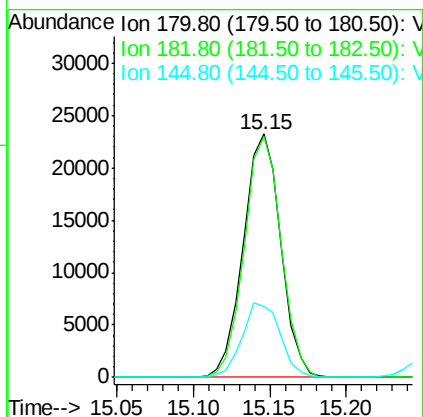
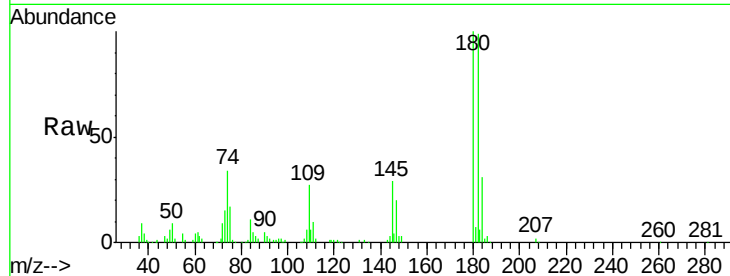




#93
 1,2,4-Trichlorobenzene
 Concen: 9.83 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

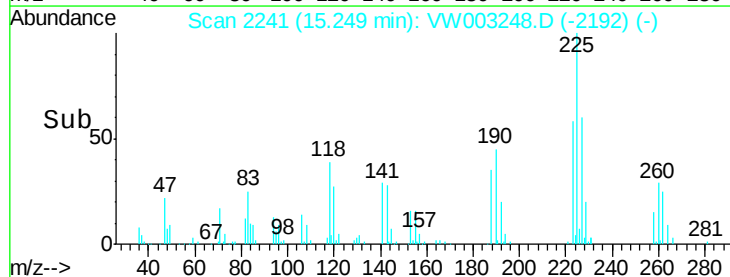
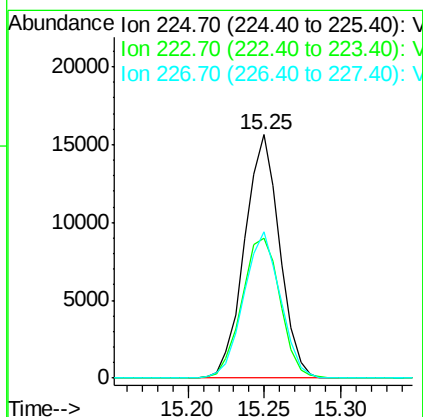
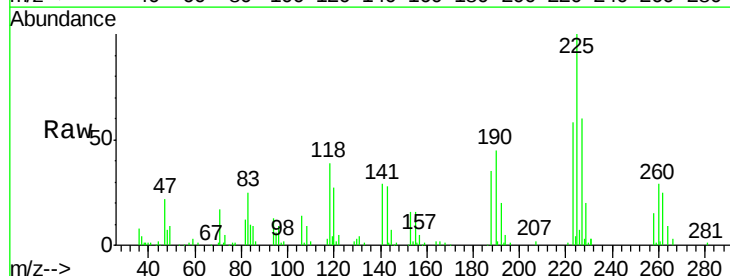
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

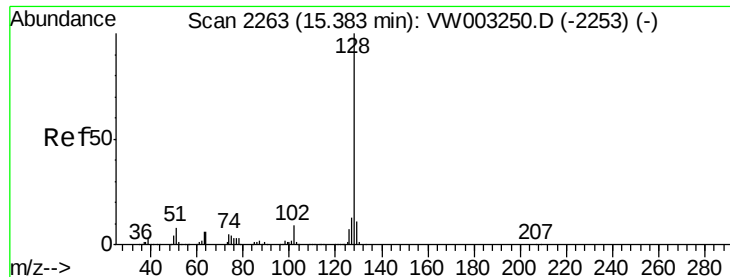
Tgt Ion:180 Resp: 39480
 Ion Ratio Lower Upper
 180 100
 182 97.7 47.9 143.6
 145 30.9 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 10.59 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003248.D
 Acq: 13 Jun 2018 16:32

Tgt Ion:225 Resp: 24921
 Ion Ratio Lower Upper
 225 100
 223 63.0 30.6 92.0
 227 62.7 31.7 95.1

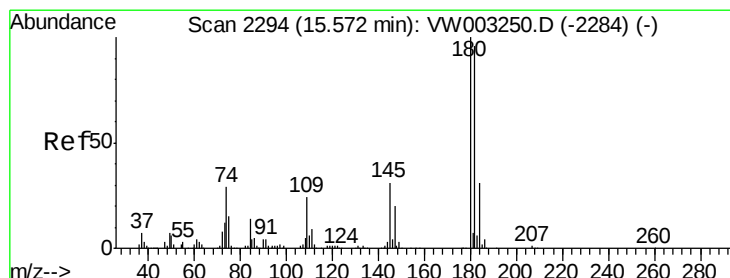
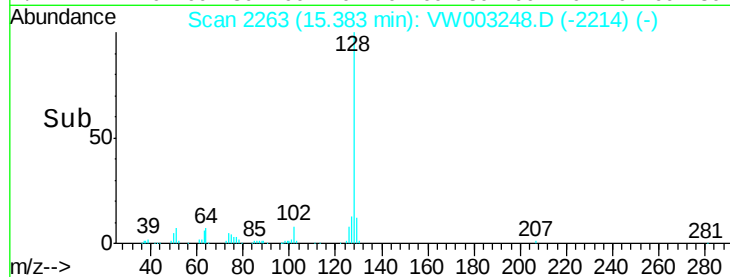
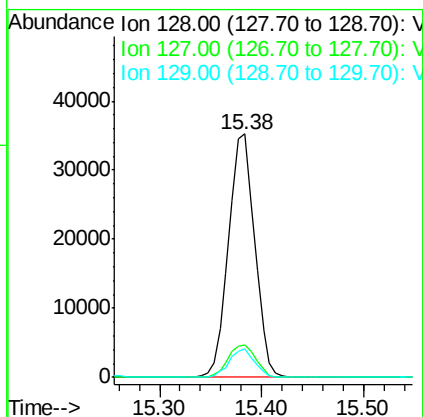
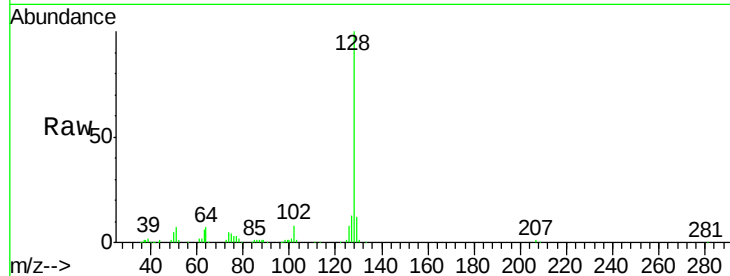




#95
Naphthalene
Concen: 8.82 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 62690
Ion Ratio Lower Upper
128 100
127 14.1 10.5 15.7
129 11.2 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 9.82 ug/l
RT: 15.57 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VW003248.D
Acq: 13 Jun 2018 16:32

Tgt Ion:180 Resp: 34733
Ion Ratio Lower Upper
180 100
182 97.9 47.9 143.6
145 33.2 15.8 47.4

