

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
 Data File : VW002399.D
 Acq On : 11 May 2018 00:48
 Operator : JC/SY
 Sample : VW0510SBS03
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBS03

Quant Time: May 11 06:04:45 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 08 03:57:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	202047	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	305742	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	282029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	154870	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	105133	49.00	ug/l	0.00
Spiked Amount			Recovery	=	98.00%	
35) Dibromofluoromethane	7.88	113	96481	49.23	ug/l	0.00
Spiked Amount			Recovery	=	98.46%	
50) Toluene-d8	10.33	98	366249	49.01	ug/l	0.00
Spiked Amount			Recovery	=	98.02%	
62) 4-Bromofluorobenzene	12.63	95	129965	48.13	ug/l	0.00
Spiked Amount			Recovery	=	96.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	12919	16.92	ug/l	97
3) Chloromethane	2.21	50	31643	20.41	ug/l	98
4) Vinyl Chloride	2.35	62	47999	18.77	ug/l	100
5) Bromomethane	2.76	94	42329	20.58	ug/l	97
6) Chloroethane	2.92	64	35356	20.49	ug/l	98
7) Trichlorofluoromethane	3.24	101	17468	16.72	ug/l	92
8) Diethyl Ether	3.67	74	29353	25.11	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	4.04	101	36515	19.80	ug/l	96
10) Methyl Iodide	4.26	142	58956	19.70	ug/l	99
11) Tert butyl alcohol	5.19	59	18591	119.21	ug/l	97
12) 1,1-Dichloroethene	4.03	96	35818	19.59	ug/l	97
13) Acrolein	3.88	56	11510	88.15	ug/l	99
14) Allyl chloride	4.65	41	47474	17.67	ug/l	98
15) Acrylonitrile	5.37	53	48453	105.66	ug/l	99
16) Acetone	4.12	43	47092	112.38	ug/l	95
17) Carbon Disulfide	4.37	76	99122	18.64	ug/l	97
18) Methyl Acetate	4.67	43	26325	20.94	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	64960	20.32	ug/l	98
20) Methylene Chloride	4.90	84	40895	20.24	ug/l	96
21) trans-1,2-Dichloroethene	5.41	96	39437	19.98	ug/l	97
22) Diisopropyl ether	6.31	45	113903	19.33	ug/l	98
23) Vinyl Acetate	6.26	43	347527	98.51	ug/l	97
24) 1,1-Dichloroethane	6.21	63	71443	20.00	ug/l	95
25) 2-Butanone	7.18	43	67620	108.68	ug/l	97
26) 2,2-Dichloropropane	7.16	77	32941	18.50	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	44105	19.82	ug/l	99
28) Bromochloromethane	7.51	49	33233	20.57	ug/l	100
29) Tetrahydrofuran	7.53	42	43470	106.53	ug/l	98
30) Chloroform	7.68	83	73211	19.58	ug/l	97
31) Cyclohexane	7.95	56	60700	19.04	ug/l	# 92
32) 1,1,1-Trichloroethane	7.87	97	53843	19.16	ug/l	98
36) 1,1-Dichloropropene	8.08	75	56859	20.56	ug/l	99
37) Ethyl Acetate	7.25	43	30127	22.36	ug/l	99
38) Carbon Tetrachloride	8.07	117	52802	19.75	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	64606	20.02	ug/l	98
40) Benzene	8.32	78	163591	20.24	ug/l	99
41) Methacrylonitrile	7.49	41	15531	20.11	ug/l #	84
42) 1,2-Dichloroethane	8.40	62	52908	20.99	ug/l	98
43) Isopropyl Acetate	8.43	43	55366	21.66	ug/l	100
44) Trichloroethene	9.09	130	45947	20.85	ug/l	99
45) 1,2-Dichloropropane	9.37	63	41189	20.34	ug/l	91
46) Dibromomethane	9.46	93	23526	20.78	ug/l	99
47) Bromodichloromethane	9.65	83	53895	20.17	ug/l	97
48) Methyl methacrylate	9.45	41	28408	22.88	ug/l	93
49) 1,4-Dioxane	9.46	88	8644	480.69	ug/l	96
51) 4-Methyl-2-Pentanone	10.22	43	154433	109.51	ug/l	100
52) Toluene	10.40	92	104566	20.37	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	52113	19.84	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	58611	19.52	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	34221	21.47	ug/l	96
56) Ethyl methacrylate	10.65	69	40786	20.70	ug/l	98
57) 1,3-Dichloropropane	10.94	76	56144	20.72	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	103039	107.74	ug/l	99
59) 2-Hexanone	10.98	43	107027	110.95	ug/l	100
60) Dibromochloromethane	11.13	129	38572	20.50	ug/l	98
61) 1,2-Dibromoethane	11.24	107	32855	21.09	ug/l	100
64) Tetrachloroethene	10.87	164	48960	22.56	ug/l	95
65) Chlorobenzene	11.66	112	119423	20.72	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	41458	20.18	ug/l	100
67) Ethyl Benzene	11.74	91	197059	19.89	ug/l	98
68) m/p-Xylenes	11.85	106	156215	40.87	ug/l	99
69) o-Xylene	12.18	106	73193	20.14	ug/l	98
70) Styrene	12.19	104	122928	20.37	ug/l	100
71) Bromoform	12.36	173	23796	20.20	ug/l #	97
73) Isopropylbenzene	12.48	105	200972	19.98	ug/l	99
74) N-amyl acetate	12.28	43	51555	20.48	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	41840	21.52	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	31907m	23.23	ug/l	
77) Bromobenzene	12.76	156	51930	20.48	ug/l	100
78) n-propylbenzene	12.82	91	243077	20.38	ug/l	99
79) 2-Chlorotoluene	12.90	91	138132	20.11	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	170156	20.11	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	10511	20.16	ug/l	94
82) 4-Chlorotoluene	13.00	91	147870	20.25	ug/l	100
83) tert-Butylbenzene	13.22	119	146947	20.17	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	176302	20.10	ug/l	99
85) sec-Butylbenzene	13.40	105	212220	20.40	ug/l	100
86) p-Isopropyltoluene	13.51	119	187126	20.12	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	102765	20.47	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	100344	20.02	ug/l	99
89) n-Butylbenzene	13.83	91	174907	20.10	ug/l	100
90) Hexachloroethane	14.11	117	33483	20.13	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	93389	20.51	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7149	21.27	ug/l	99

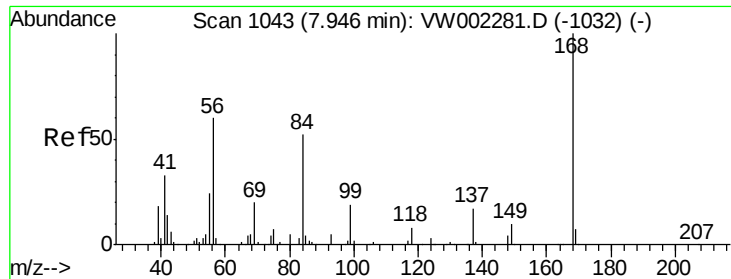
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	67220	20.65	ug/l	100
94) Hexachlorobutadiene	15.25	225	37627	20.75	ug/l	97
95) Naphthalene	15.38	128	126637	21.16	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	61390	21.03	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VW002399.D

Acq: 11 May 2018 00:48

Instrument :

MSVOA_W

ClientSampleId :

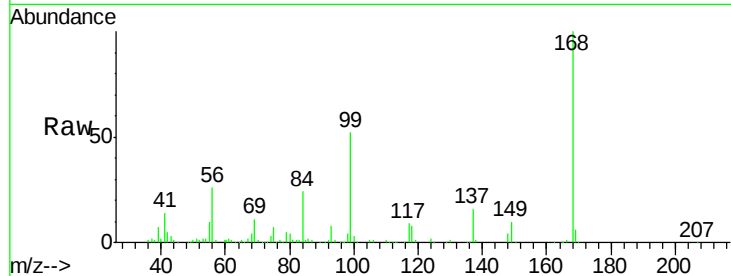
VW0510SBS03

Tot Ion:168 Resp: 202047

Ion Ratio Lower Upper

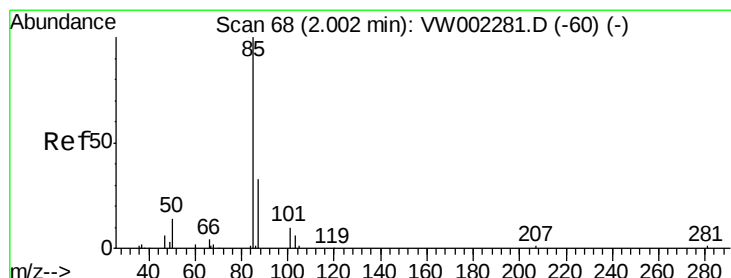
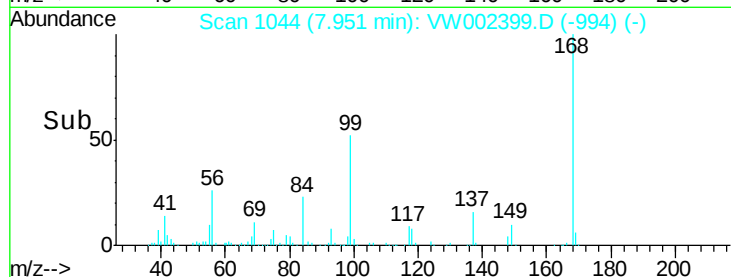
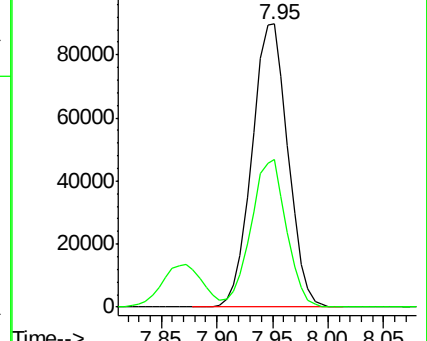
168 100

99 52.2 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 16.92 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW002399.D

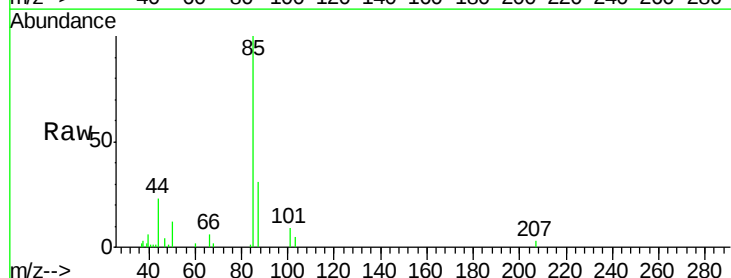
Acq: 11 May 2018 00:48

Tgt Ion: 85 Resp: 12919

Ion Ratio Lower Upper

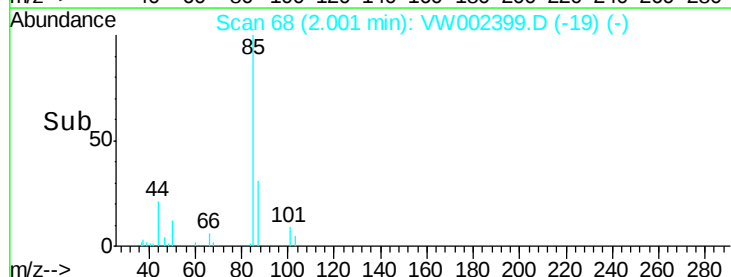
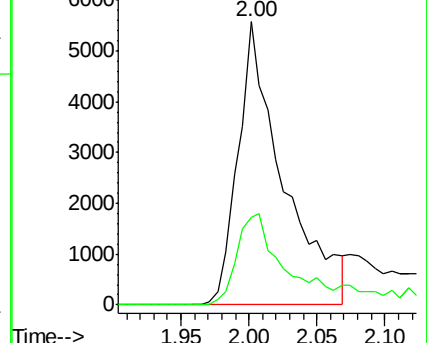
85 100

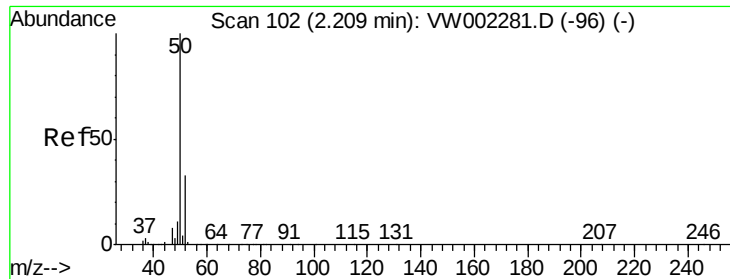
87 31.1 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 20.41 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW002399.D

Acq: 11 May 2018 00:48

Instrument :

MSVOA_W

ClientSampleId :

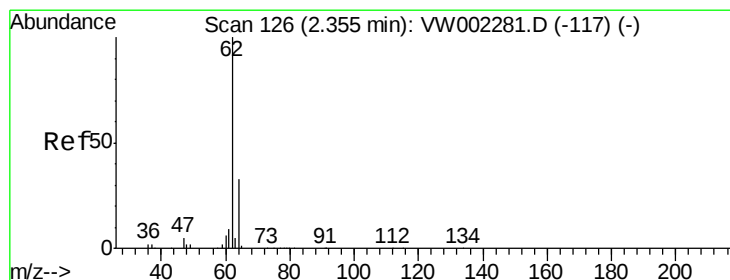
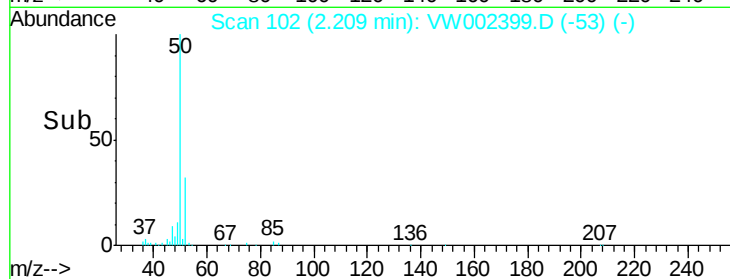
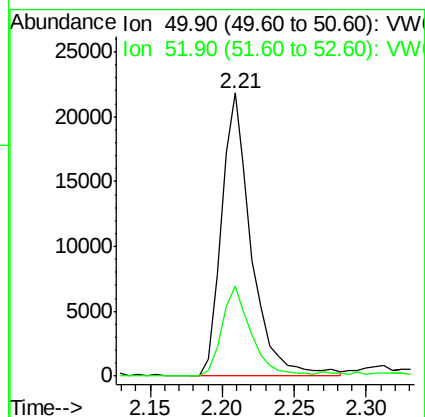
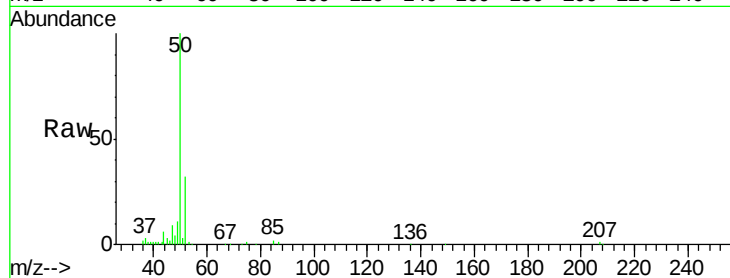
VW0510SBS03

Tot Ion: 50 Resp: 31643

Ion Ratio Lower Upper

50 100

52 32.1 26.5 39.7



#4

Vinyl Chloride

Concen: 18.77 ug/l

RT: 2.35 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW002399.D

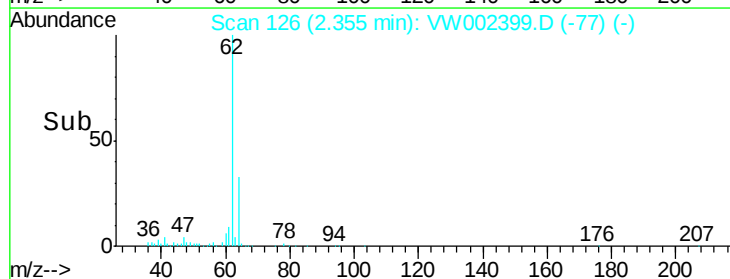
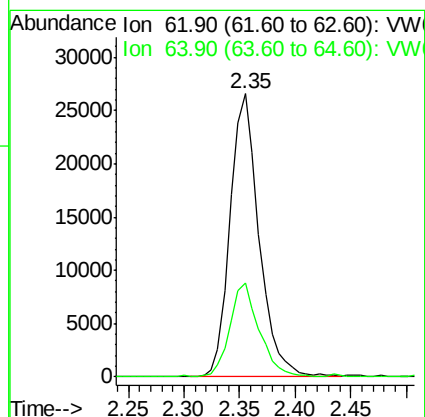
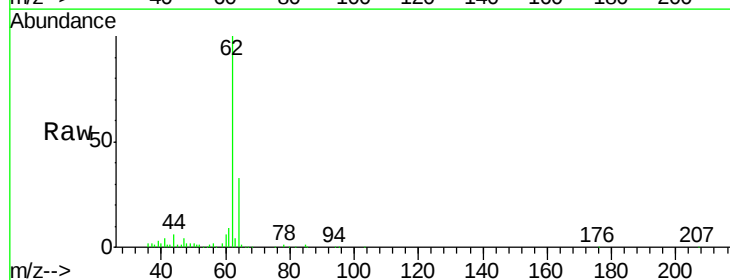
Acq: 11 May 2018 00:48

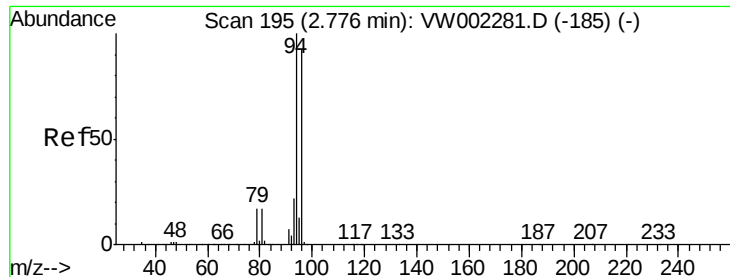
Tgt Ion: 62 Resp: 47999

Ion Ratio Lower Upper

62 100

64 32.8 26.1 39.1





#5

Bromomethane

Concen: 20.58 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW002399.D

Acq: 11 May 2018 00:48

Instrument :

MSVOA_W

ClientSampleId :

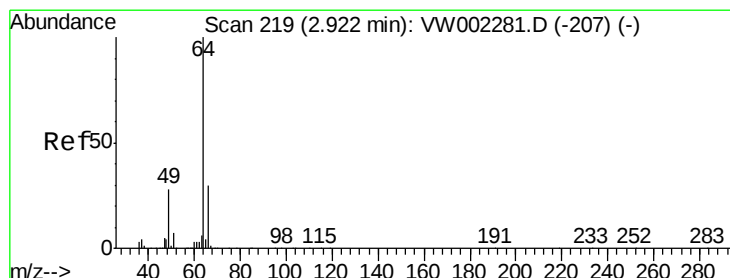
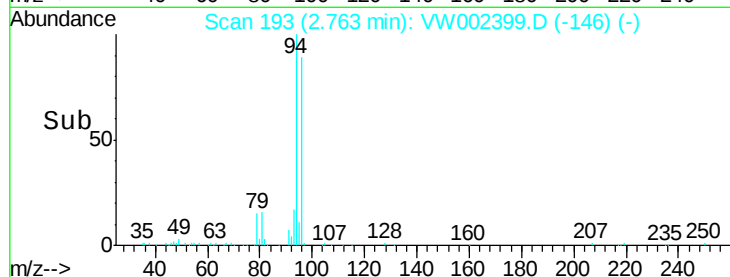
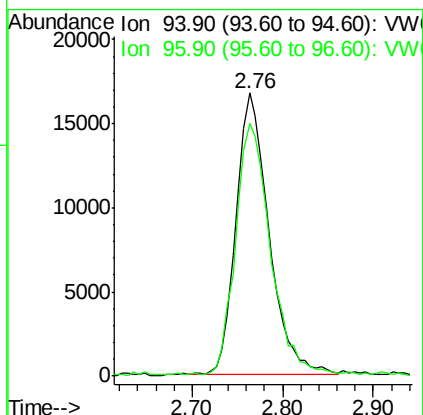
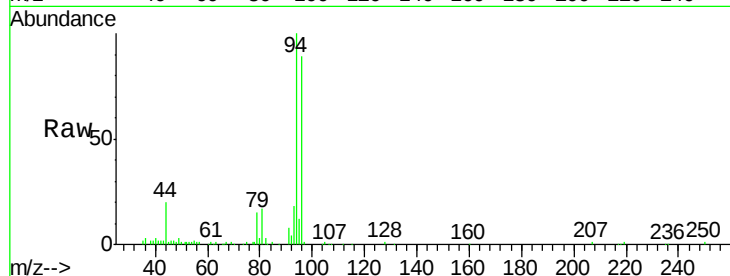
VW0510SBS03

Tot Ion: 94 Resp: 42329

Ion Ratio Lower Upper

94 100

96 88.8 73.6 110.4



#6

Chloroethane

Concen: 20.49 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW002399.D

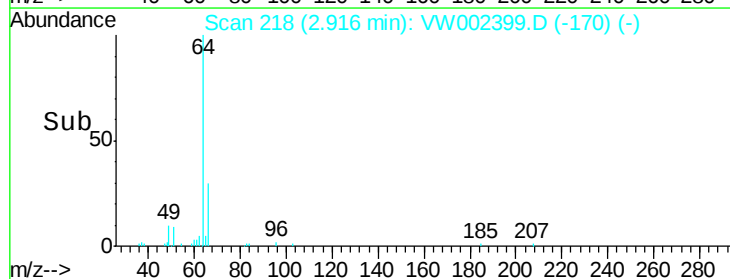
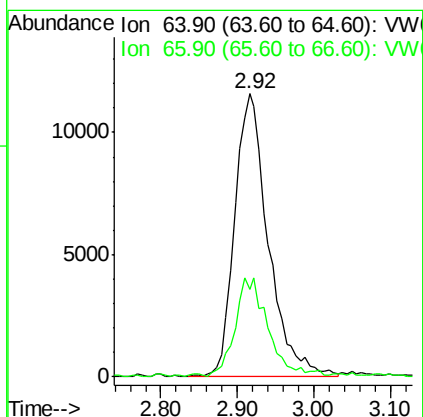
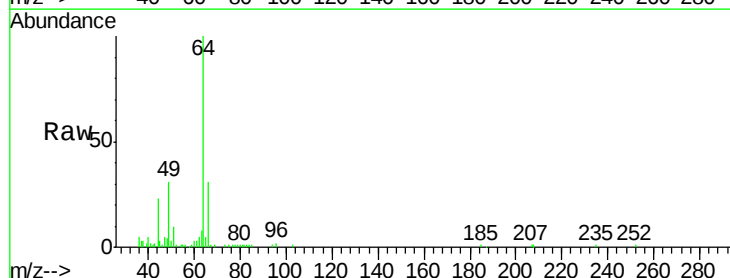
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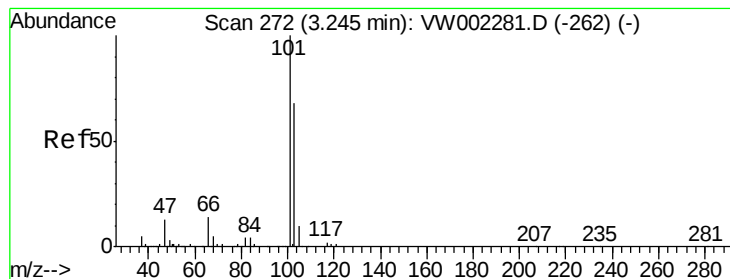
Tgt Ion: 64 Resp: 35356

Ion Ratio Lower Upper

64 100

66 30.6 23.8 35.6



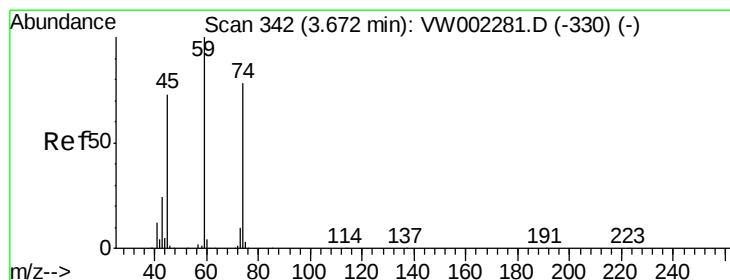
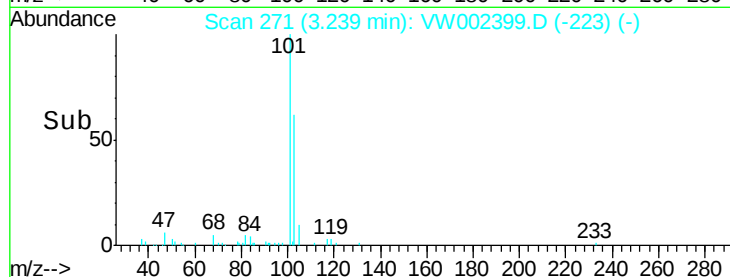
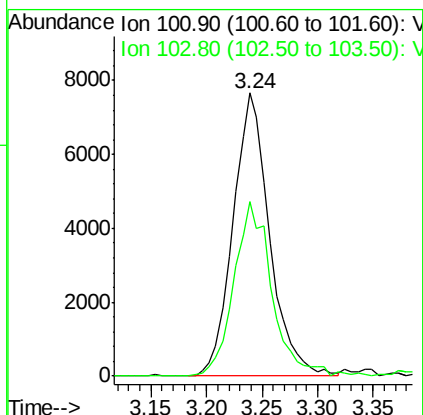
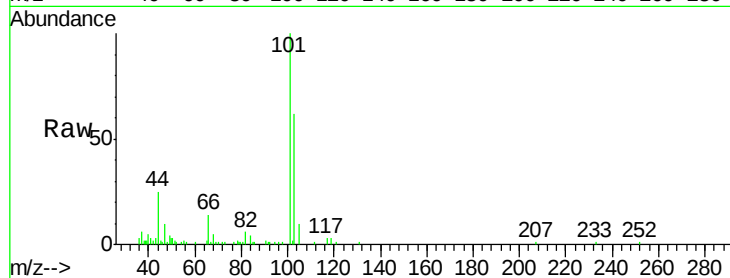


#7

Trichlorofluoromethane
 Concen: 16.72 ug/l
 RT: 3.24 min Scan# 271
 Delta R.T. -0.01 min
 Lab File: VW002399.D
 Acq: 11 May 2018 00:48

Instrument :
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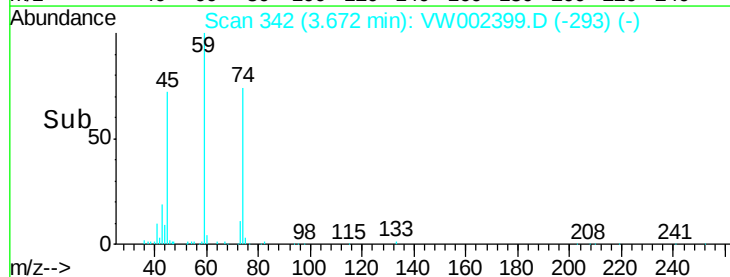
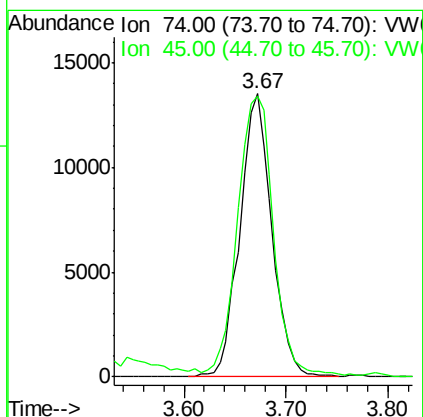
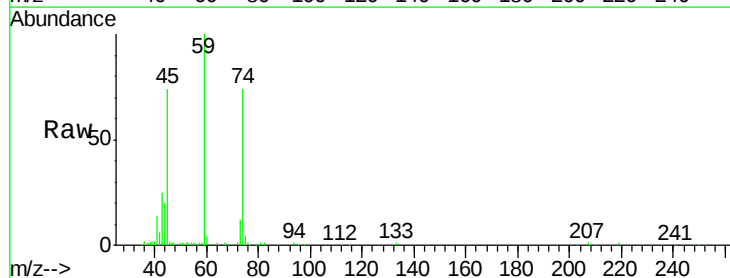
Tot Ion:101 Resp: 17468
 Ion Ratio Lower Upper
 101 100
 103 61.6 54.6 82.0

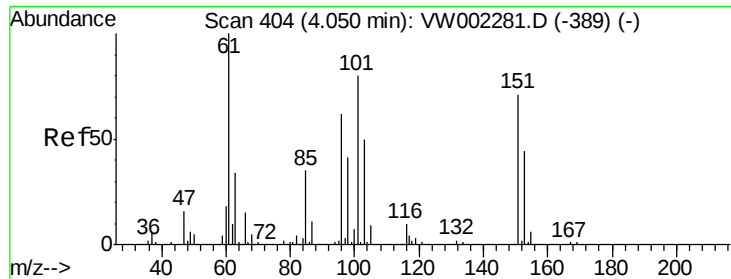


#8

Diethyl Ether
 Concen: 25.11 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VW002399.D
 Acq: 11 May 2018 00:48

Tgt Ion: 74 Resp: 29353
 Ion Ratio Lower Upper
 74 100
 45 110.2 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.80 ug/l

RT: 4.04 min Scan# 403

Delta R.T. -0.01 min

Lab File: VW002399.D

Acq: 11 May 2018 00:48

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBS03

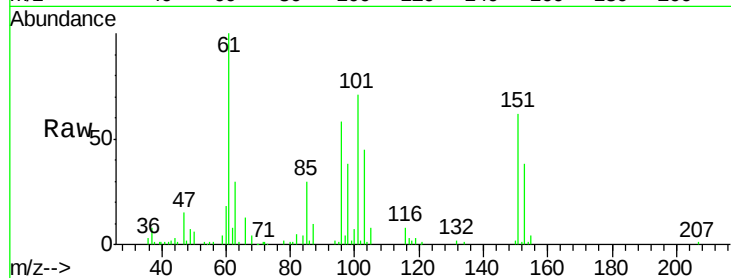
Tot Ion:101 Resp: 36515

Ion Ratio Lower Upper

101 100

85 43.8 35.9 53.9

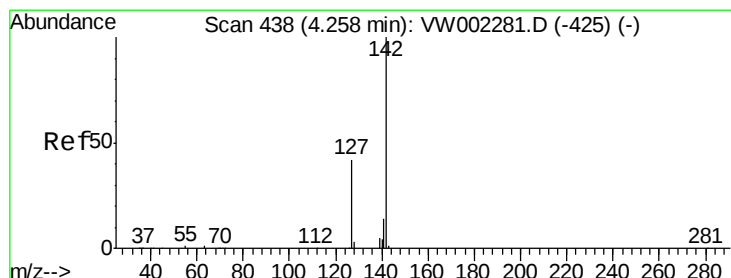
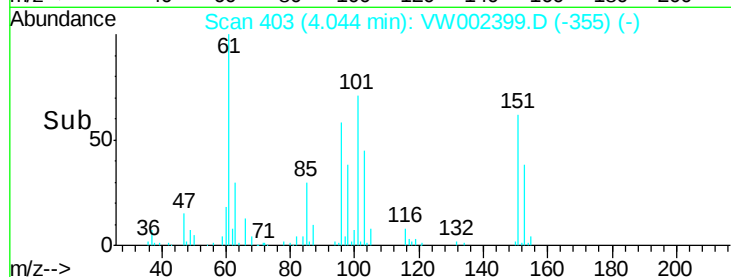
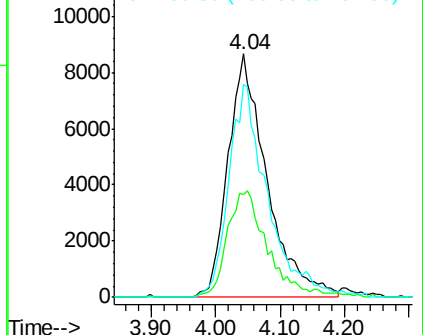
151 85.9 65.4 98.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.70 ug/l

RT: 4.26 min Scan# 438

Delta R.T. -0.00 min

Lab File: VW002399.D

Acq: 11 May 2018 00:48

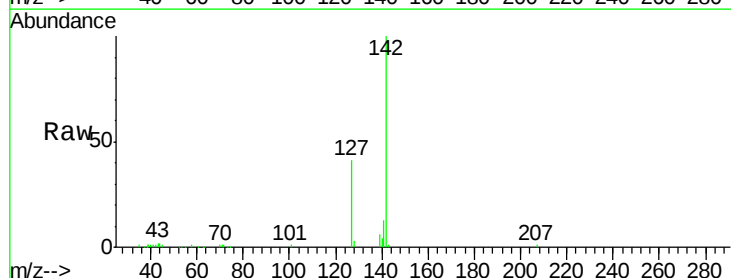
Tgt Ion:142 Resp: 58956

Ion Ratio Lower Upper

142 100

127 44.1 34.7 52.1

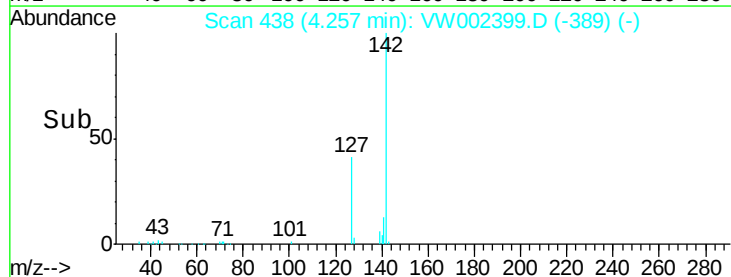
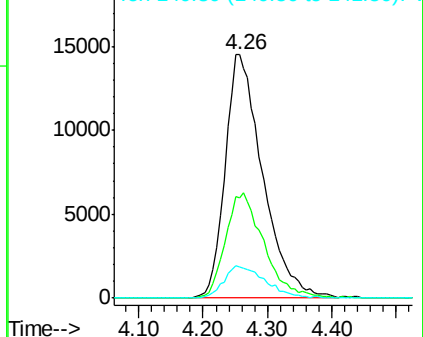
141 14.4 11.9 17.9

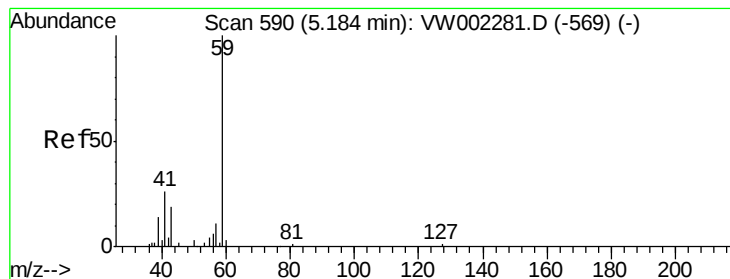


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



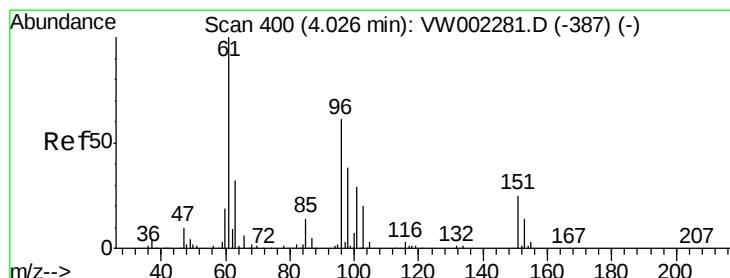
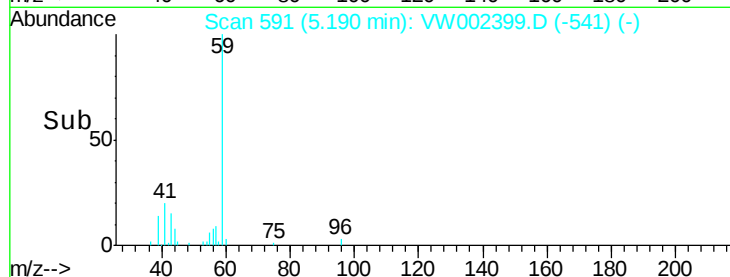
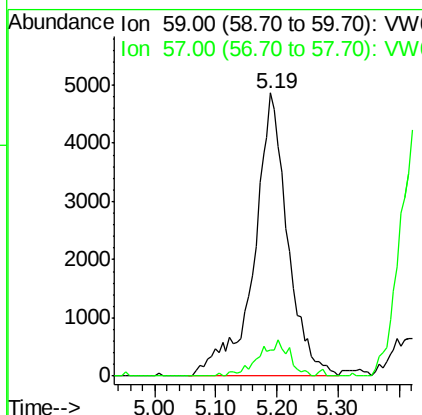
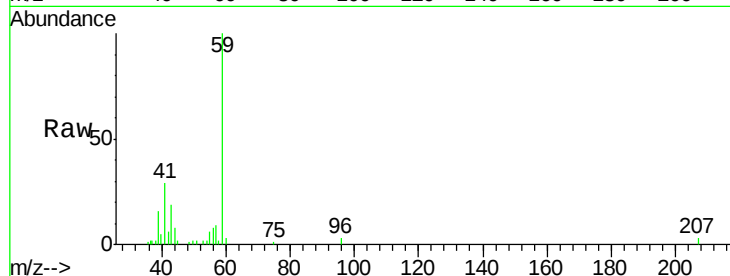


#11

Tert butyl alcohol
 Concen: 119.21 ug/l
 RT: 5.19 min Scan# 591
 Delta R.T. 0.01 min
 Lab File: VW002399.D
 Acq: 11 May 2018 00:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBS03

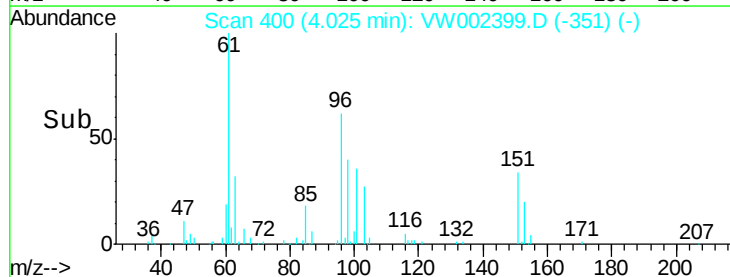
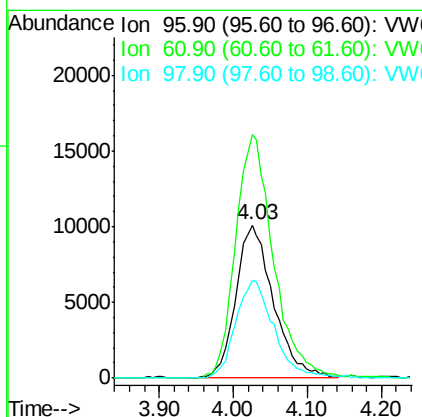
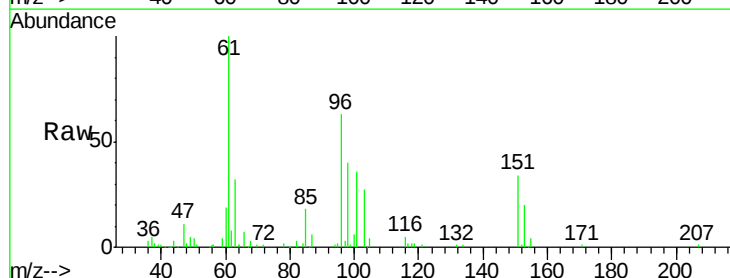
Tot Ion: 59 Resp: 18591
 Ion Ratio Lower Upper
 59 100
 57 5.8 3.9 5.9

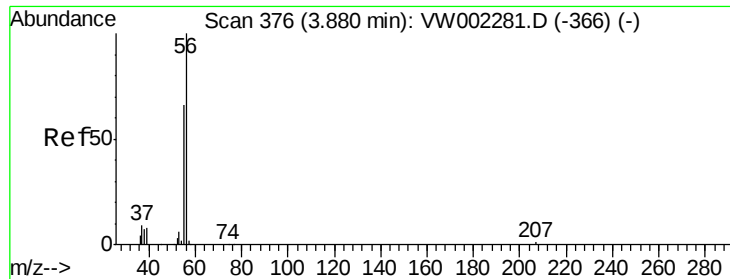


#12

1,1-Dichloroethene
 Concen: 19.59 ug/l
 RT: 4.03 min Scan# 400
 Delta R.T. -0.00 min
 Lab File: VW002399.D
 Acq: 11 May 2018 00:48

Tgt Ion: 96 Resp: 35818
 Ion Ratio Lower Upper
 96 100
 61 159.4 130.6 196.0
 98 64.1 49.0 73.4





#13

Acrolein

Concen: 88.15 ug/l

RT: 3.88 min Scan# 376

Delta R.T. -0.00 min

Lab File: VW002399.D

Acq: 11 May 2018 00:48

Instrument :

MSVOA_W

ClientSampleId :

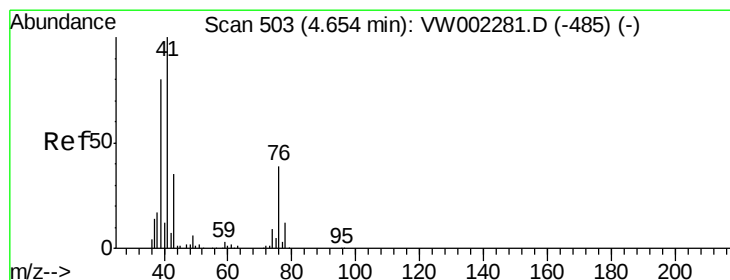
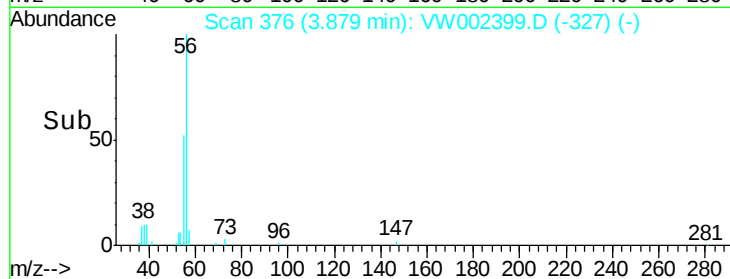
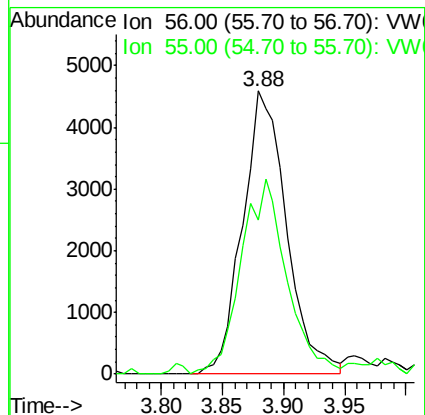
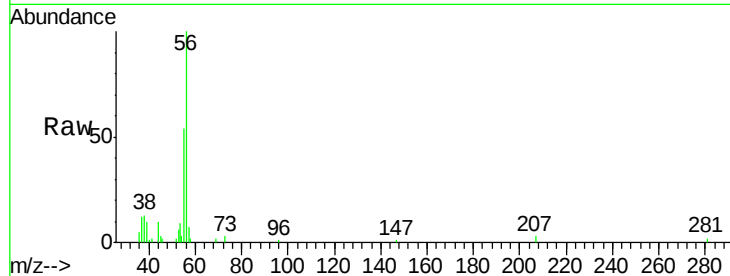
VW0510SBS03

Tot Ion: 56 Resp: 11510

Ion Ratio Lower Upper

56 100

55 71.2 57.3 85.9



#14

Allyl chloride

Concen: 17.67 ug/l

RT: 4.65 min Scan# 502

Delta R.T. -0.01 min

Lab File: VW002399.D

Acq: 11 May 2018 00:48

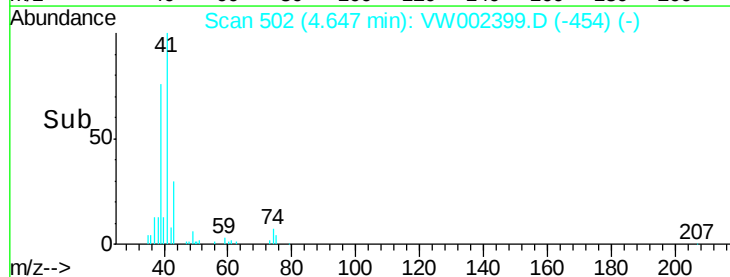
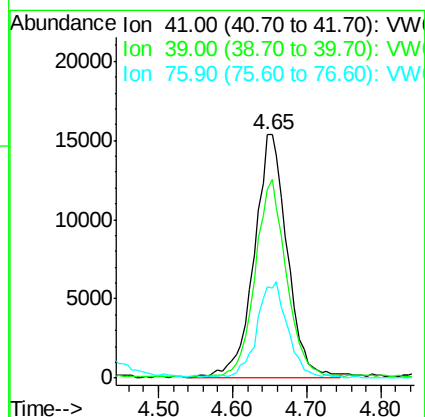
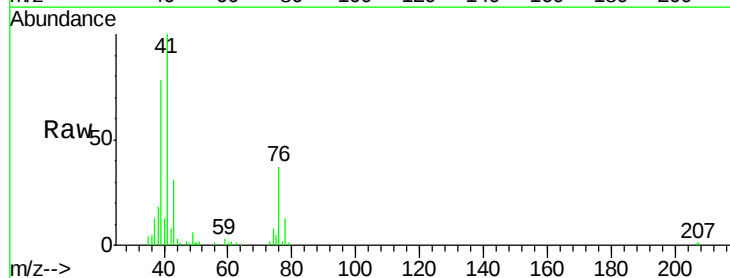
Tgt Ion: 41 Resp: 47474

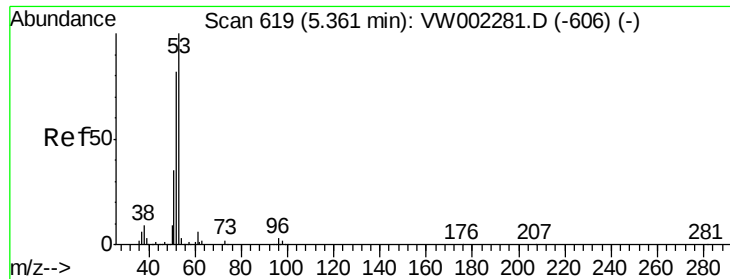
Ion Ratio Lower Upper

41 100

39 78.9 61.7 92.5

76 35.8 29.8 44.6

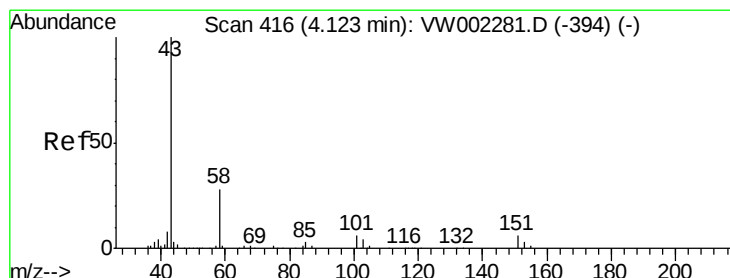
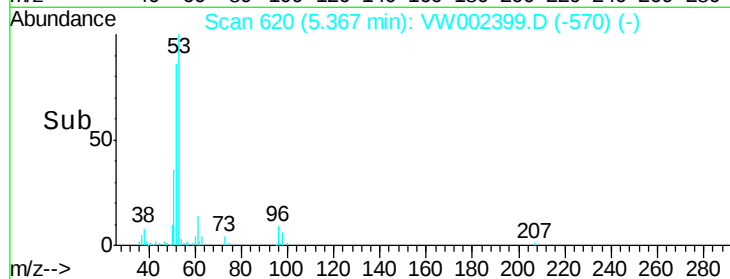
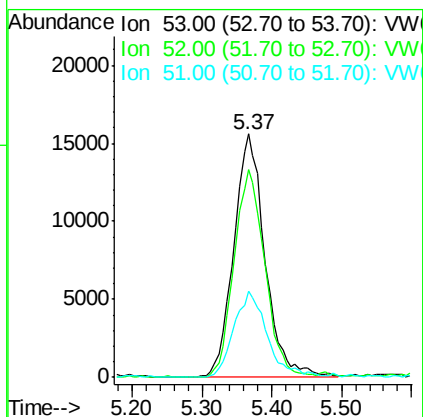
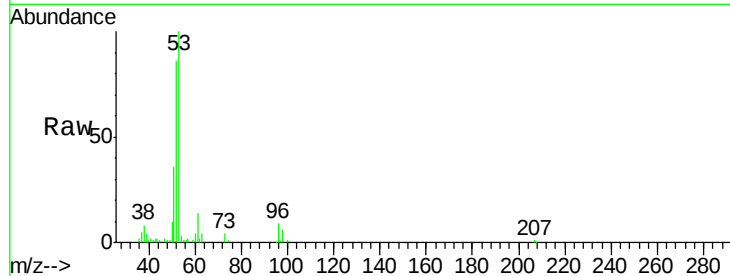




#15
 Acrylonitrile
 Concen: 105.66 ug/l
 RT: 5.37 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: VW002399.D
 Acq: 11 May 2018 00:48

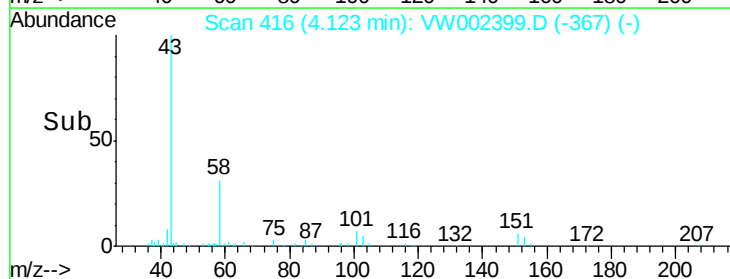
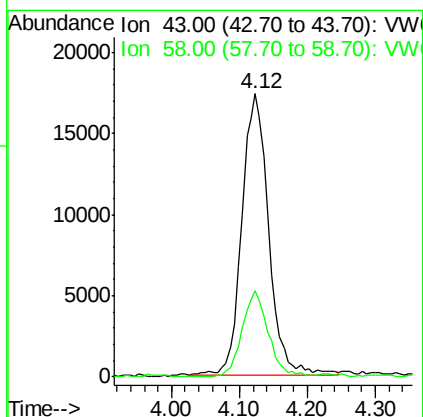
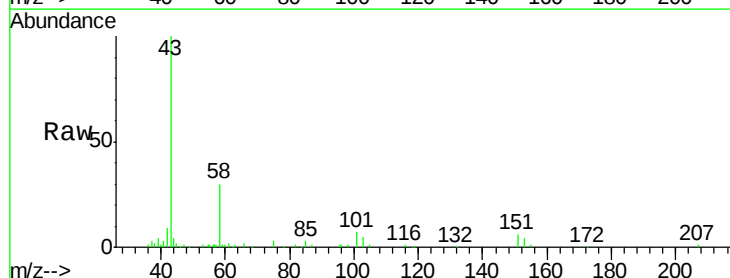
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBS03

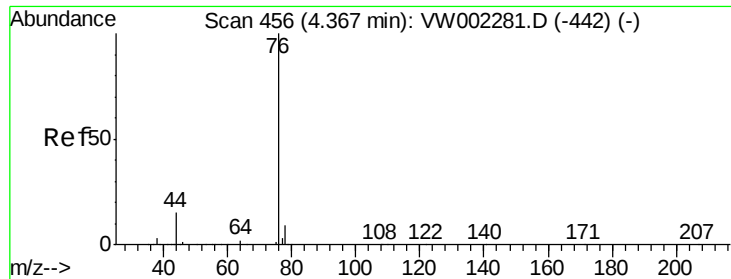
Tot Ion: 53 Resp: 48453
 Ion Ratio Lower Upper
 53 100
 52 84.1 67.9 101.9
 51 37.8 30.0 45.0



#16
 Acetone
 Concen: 112.38 ug/l
 RT: 4.12 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: VW002399.D
 Acq: 11 May 2018 00:48

Tgt Ion: 43 Resp: 47092
 Ion Ratio Lower Upper
 43 100
 58 30.6 22.2 33.4

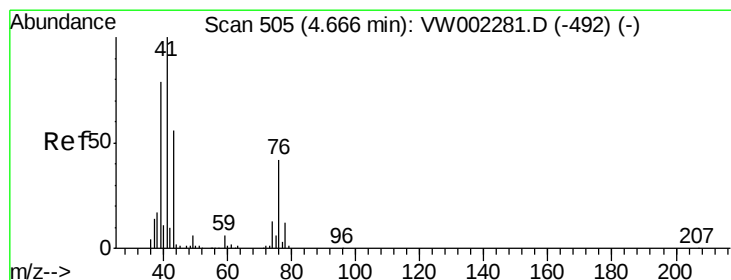
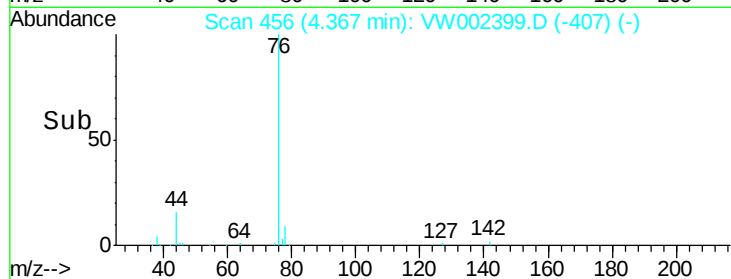
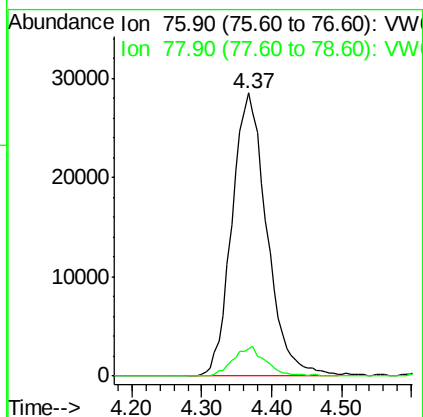
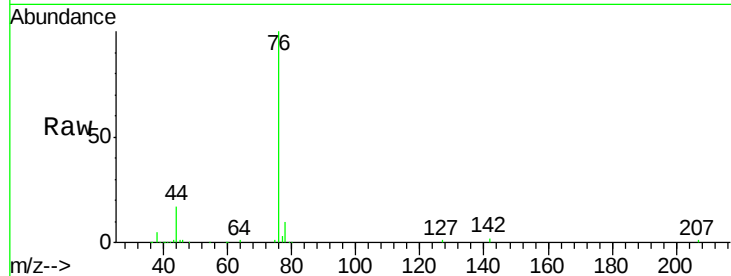




#17
Carbon Disulfide
Concen: 18.64 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW002399.D
Acq: 11 May 2018 00:48

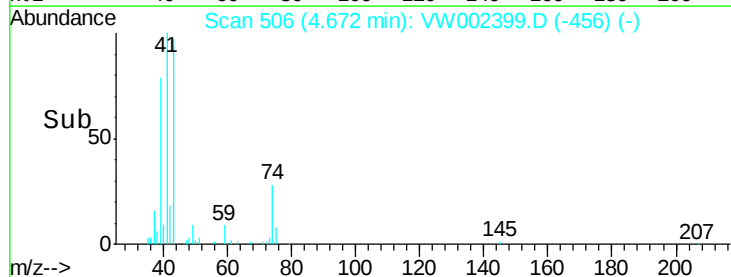
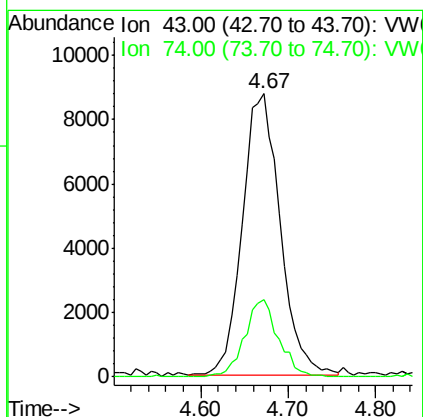
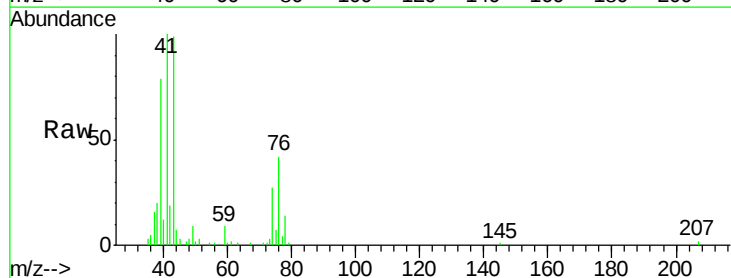
Instrument :
MSVOA_W
ClientSampleId :
VW0510SBS03

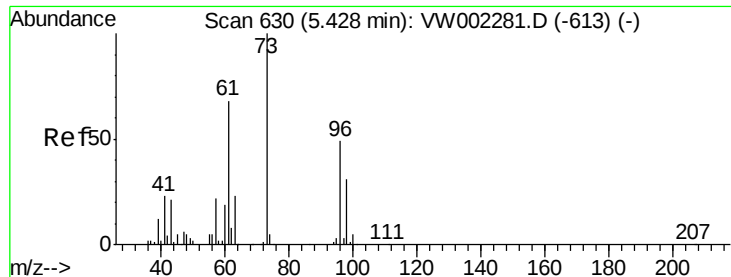
Tot Ion: 76 Resp: 99122
Ion Ratio Lower Upper
76 100
78 9.6 6.9 10.3



#18
Methyl Acetate
Concen: 20.94 ug/l
RT: 4.67 min Scan# 506
Delta R.T. 0.01 min
Lab File: VW002399.D
Acq: 11 May 2018 00:48

Tgt Ion: 43 Resp: 26325
Ion Ratio Lower Upper
43 100
74 24.6 19.4 29.2



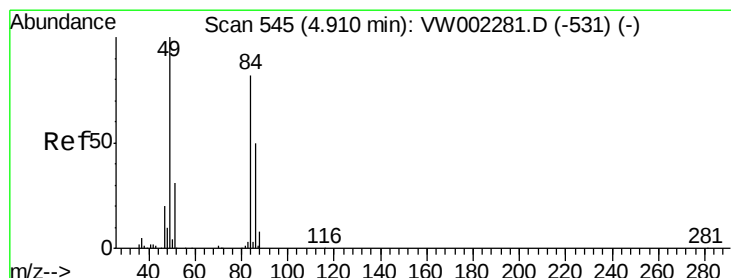
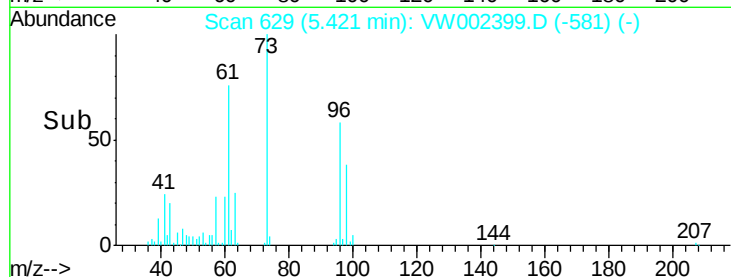
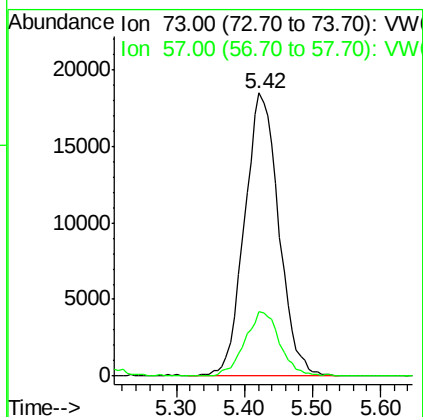
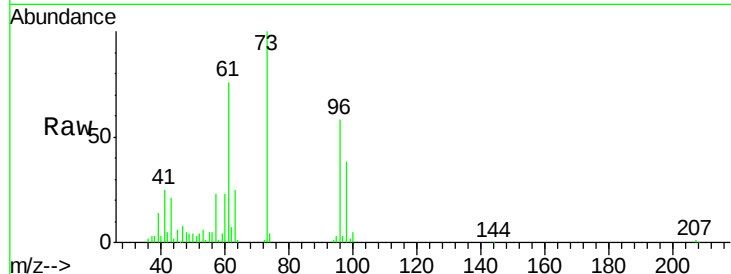


#19

Methyl tert-butyl Ether
 Concen: 20.32 ug/l
 RT: 5.42 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: VW002399.D
 Acq: 11 May 2018 00:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBS03

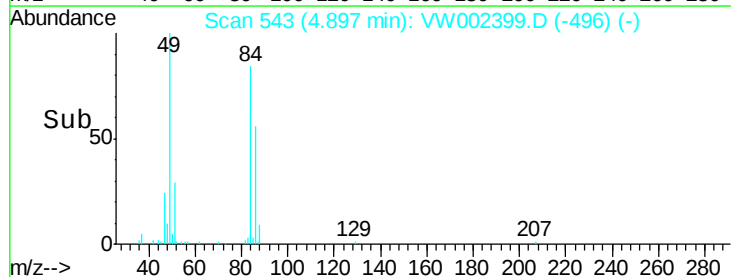
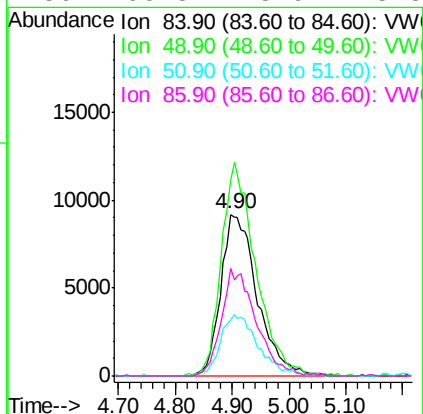
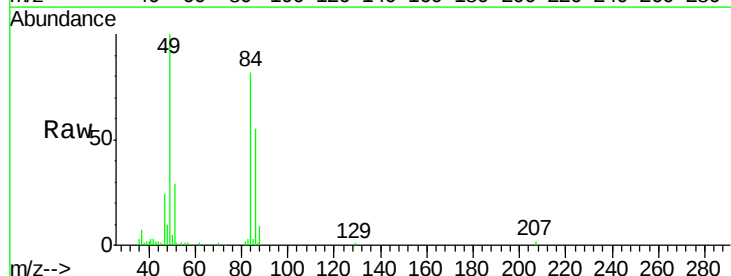
Tot Ion: 73 Resp: 64960
 Ion Ratio Lower Upper
 73 100
 57 22.9 17.7 26.5

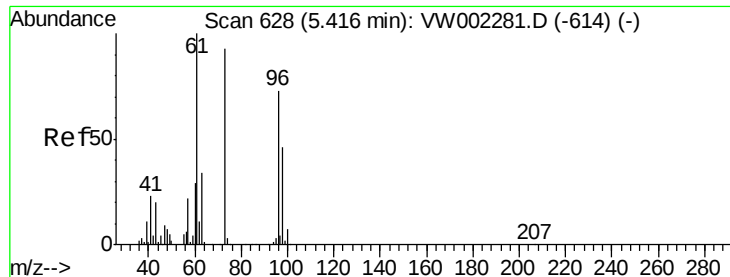


#20

Methylene Chloride
 Concen: 20.24 ug/l
 RT: 4.90 min Scan# 543
 Delta R.T. -0.01 min
 Lab File: VW002399.D
 Acq: 11 May 2018 00:48

Tgt Ion: 84 Resp: 40895
 Ion Ratio Lower Upper
 84 100
 49 120.1 97.7 146.5
 51 35.1 30.2 45.4
 86 66.8 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 19.98 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.01 min

Lab File: VW002399.D

Acq: 11 May 2018 00:48

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBS03

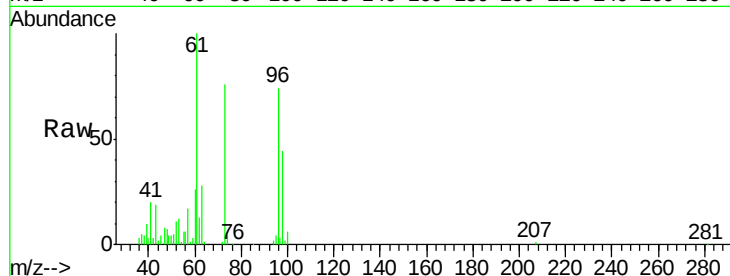
Tot Ion: 96 Resp: 39437

Ion Ratio Lower Upper

96 100

61 134.6 109.5 164.3

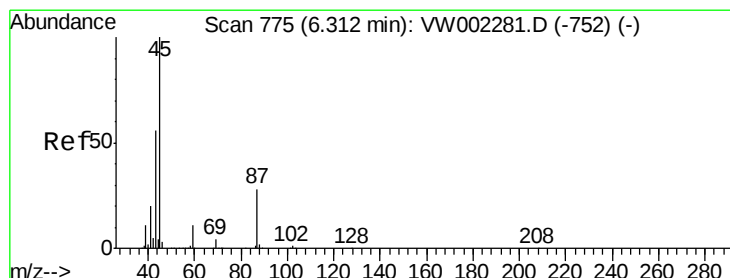
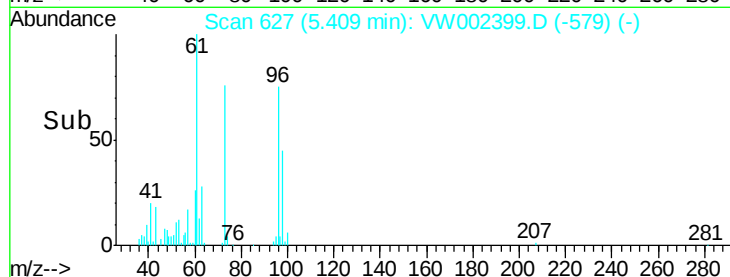
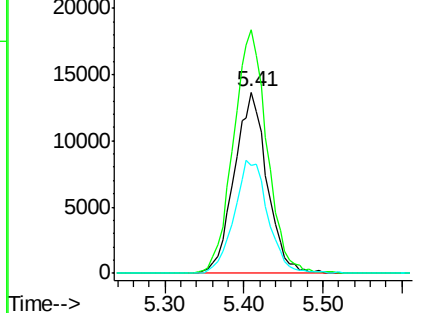
98 59.9 50.2 75.4



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: 19.33 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW002399.D

Acq: 11 May 2018 00:48

Tgt Ion: 45 Resp: 113903

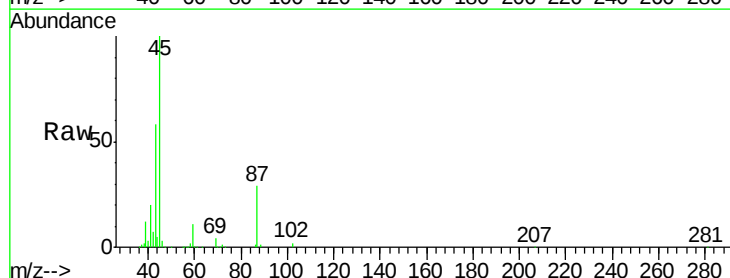
Ion Ratio Lower Upper

45 100

43 57.3 44.5 66.7

87 28.3 22.2 33.4

59 10.8 8.9 13.3

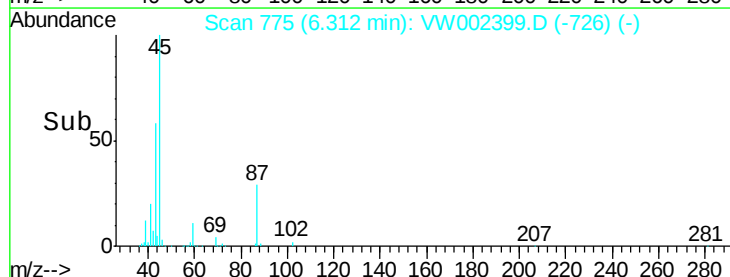
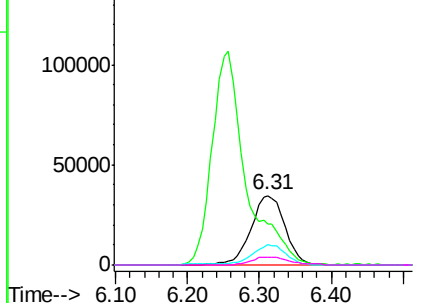


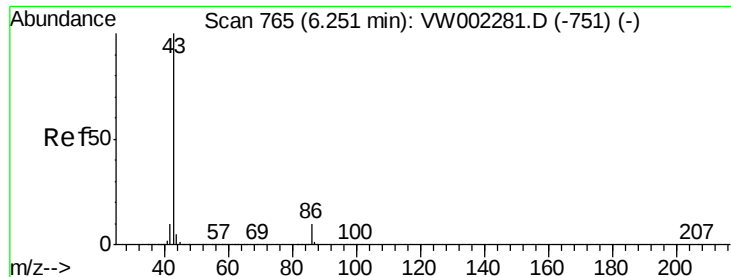
Abundance Ion 45.00 (44.70 to 45.70): VW

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: 98.51 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.01 min

Lab File: VW002399.D

Acq: 11 May 2018 00:48

Instrument :

MSVOA_W

ClientSampleId :

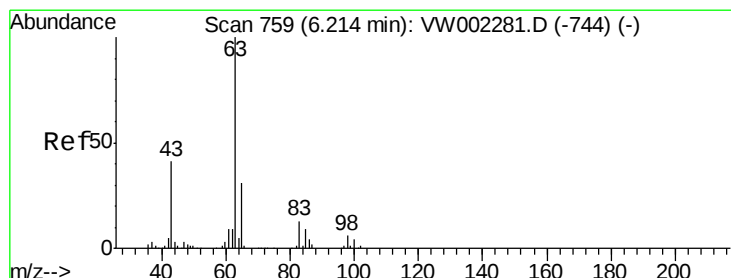
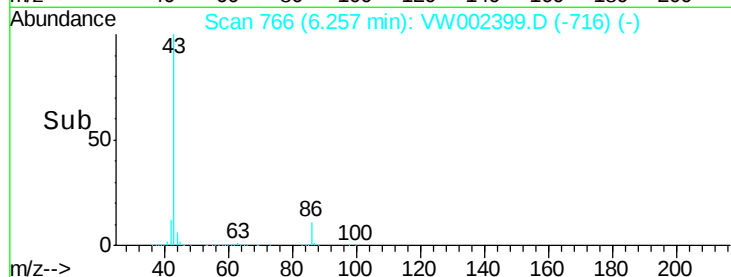
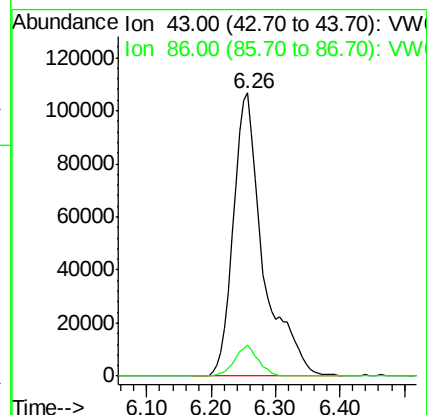
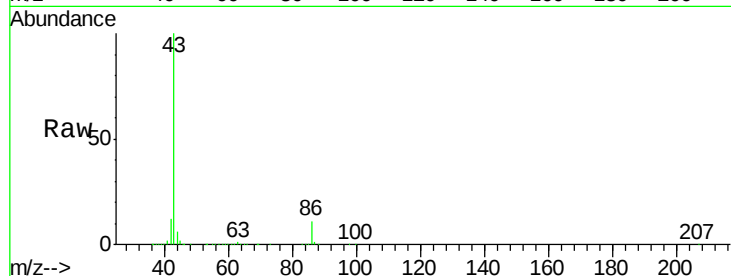
VW0510SBS03

Tot Ion: 43 Resp: 347527

Ion Ratio Lower Upper

43 100

86 10.9 7.9 11.9



#24

1,1-Dichloroethane

Concen: 20.00 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.01 min

Lab File: VW002399.D

Acq: 11 May 2018 00:48

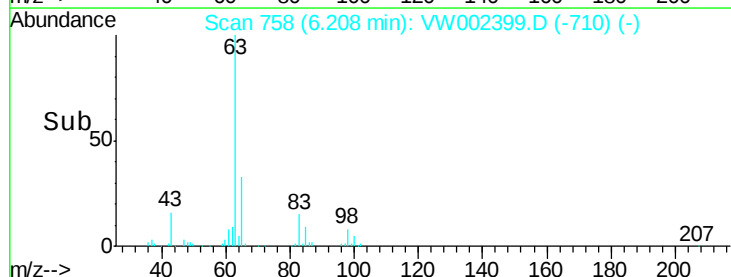
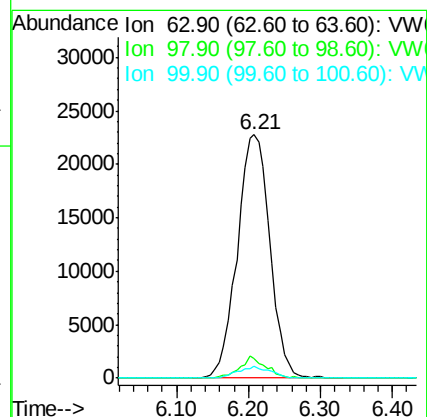
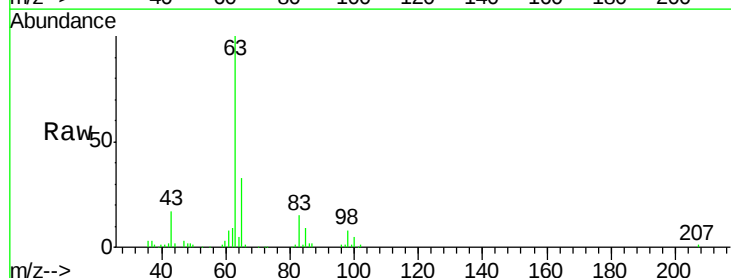
Tgt Ion: 63 Resp: 71443

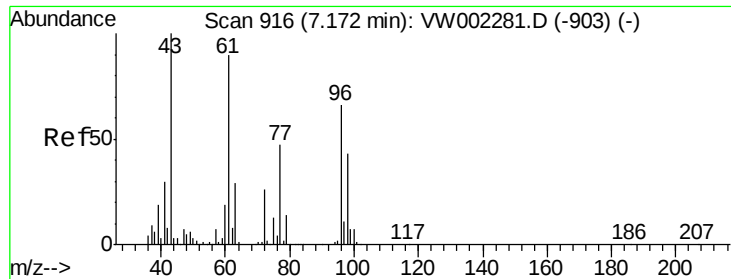
Ion Ratio Lower Upper

63 100

98 8.0 2.9 8.7

100 5.2 2.0 6.0

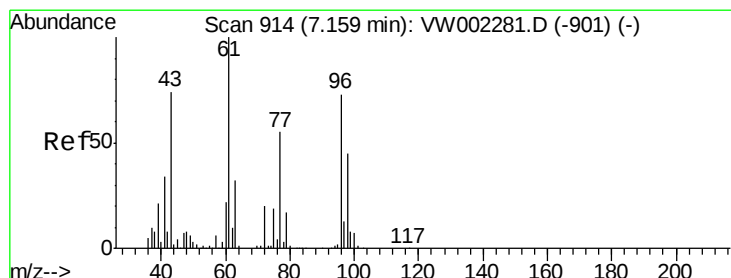
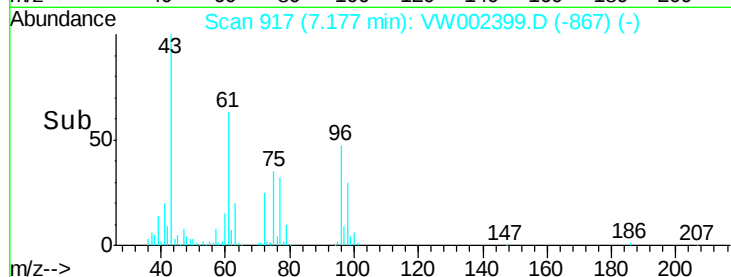
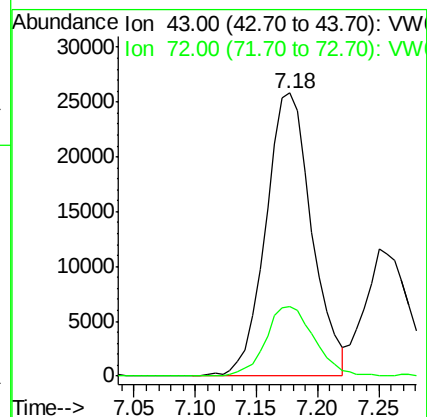
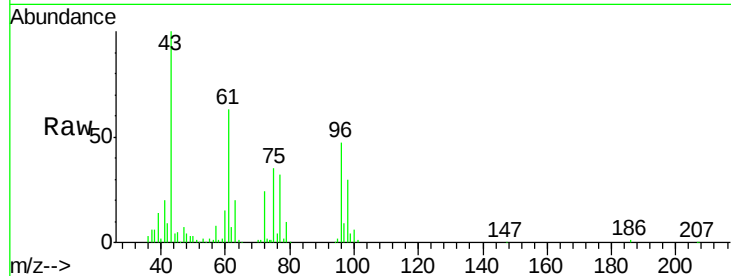




#25
2-Butanone
Concen: 108.68 ug/l
RT: 7.18 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW002399.D
Acq: 11 May 2018 00:48

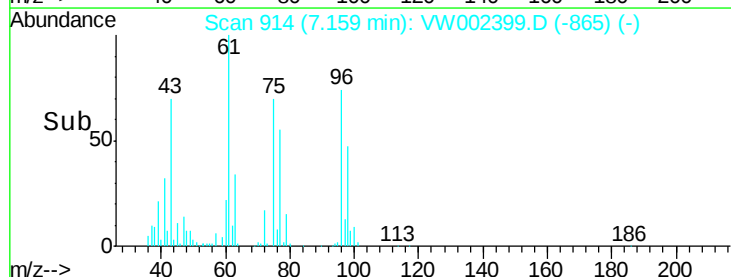
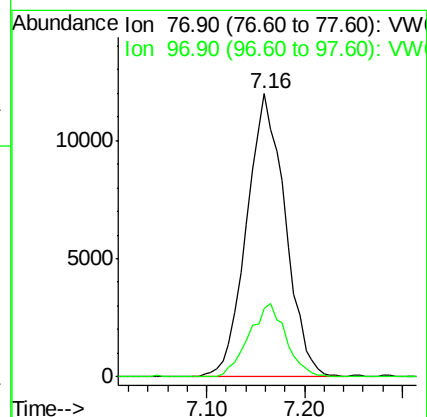
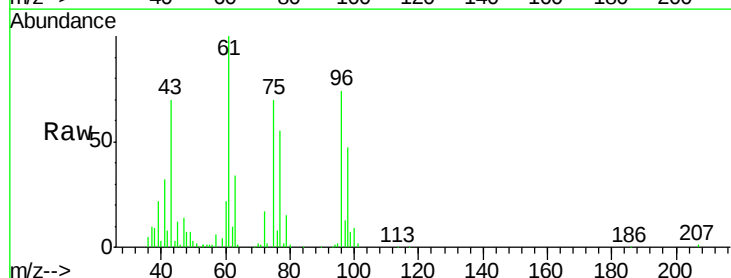
Instrument :
MSVOA_W
ClientSampled :
VW0510SBS03

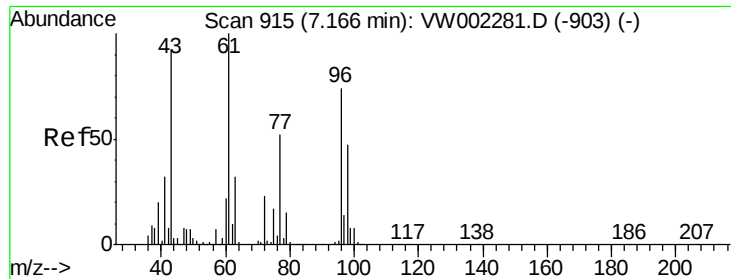
Tot Ion: 43 Resp: 67620
Ion Ratio Lower Upper
43 100
72 24.4 20.6 31.0



#26
2,2-Dichloropropane
Concen: 18.50 ug/l
RT: 7.16 min Scan# 914
Delta R.T. -0.00 min
Lab File: VW002399.D
Acq: 11 May 2018 00:48

Tgt Ion: 77 Resp: 32941
Ion Ratio Lower Upper
77 100
97 24.7 12.7 38.0

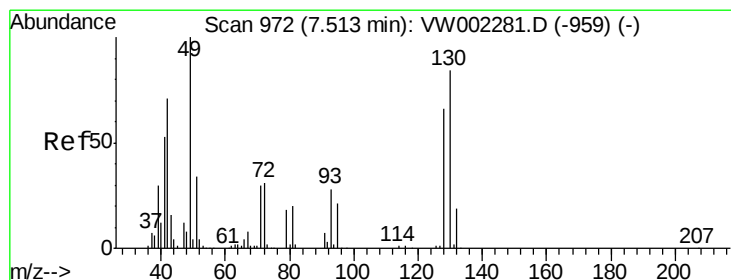
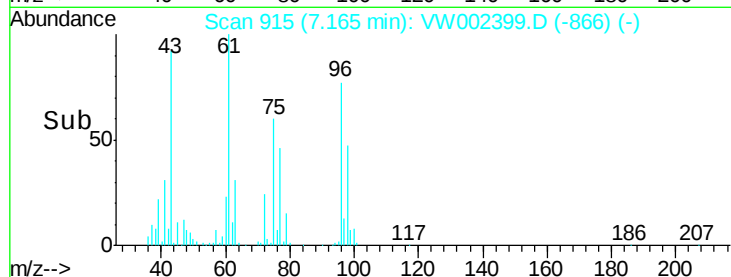
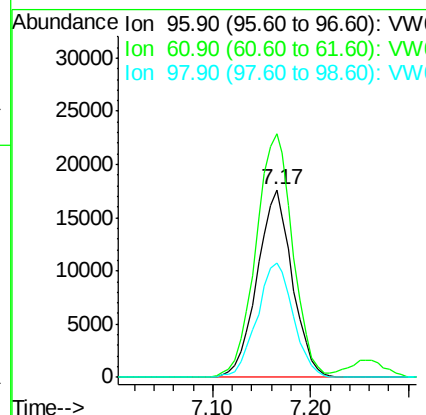
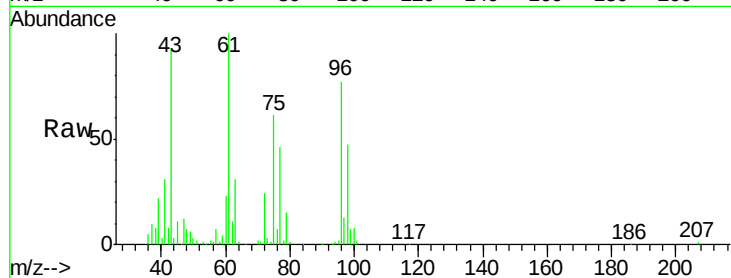




#27
 cis-1,2-Dichloroethene
 Concen: 19.82 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: VW002399.D
 Acq: 11 May 2018 00:48

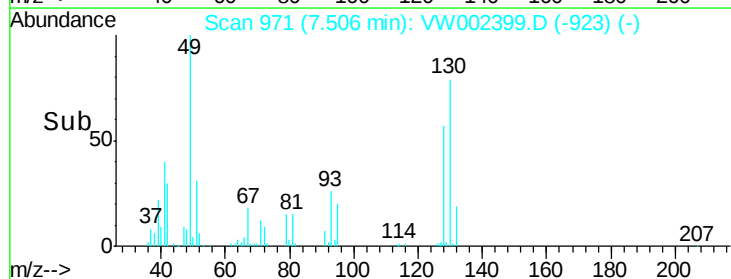
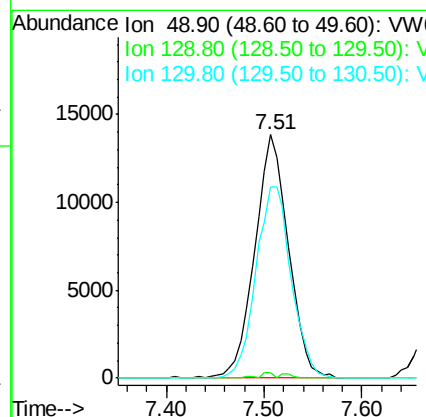
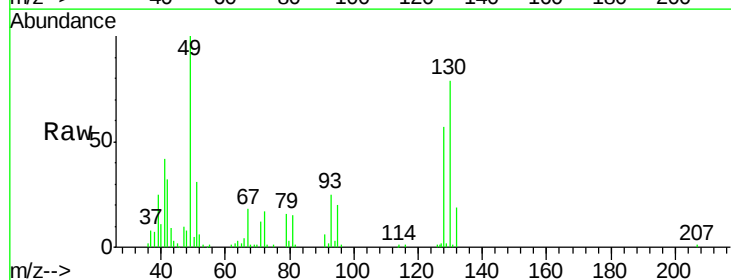
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBS03

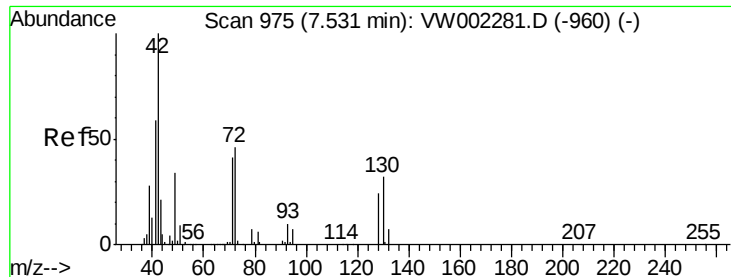
Tot Ion: 96 Resp: 44105
 Ion Ratio Lower Upper
 96 100
 61 136.6 0.0 274.8
 98 63.1 0.0 128.4



#28
 Bromochloromethane
 Concen: 20.57 ug/l
 RT: 7.51 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: VW002399.D
 Acq: 11 May 2018 00:48

Tgt Ion: 49 Resp: 33233
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 2.4
 130 82.3 65.5 98.3

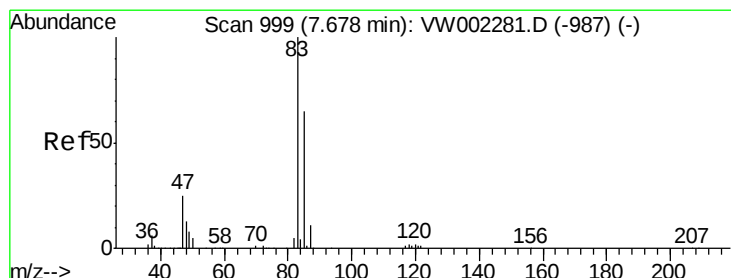
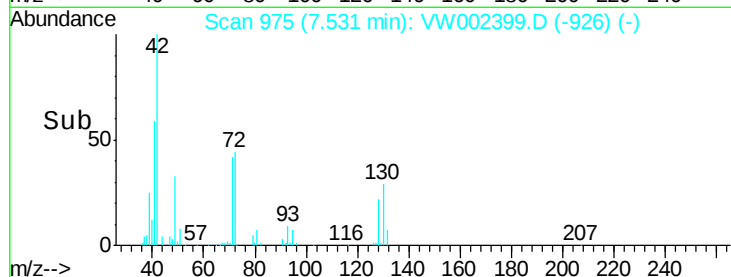
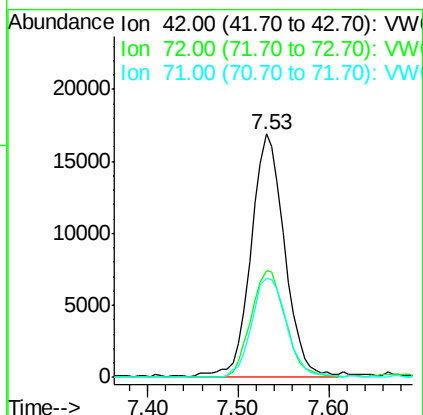
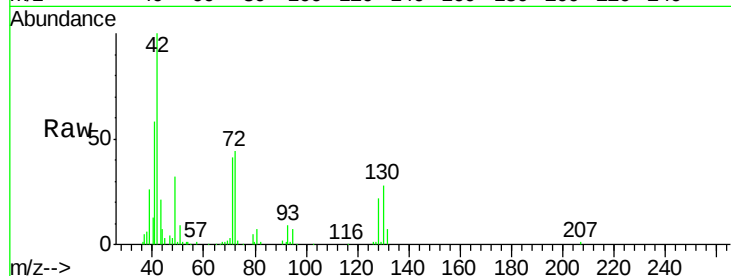




#29
Tetrahydrofuran
Concen: 106.53 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.00 min
Lab File: VW002399.D
Acq: 11 May 2018 00:48

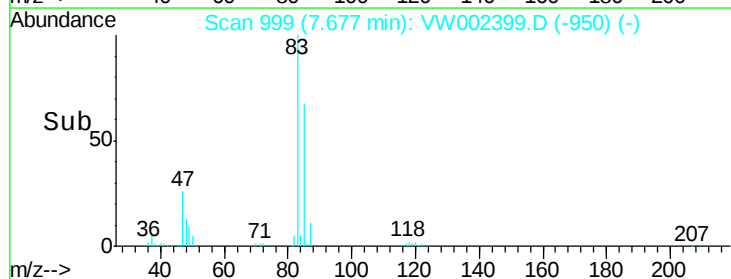
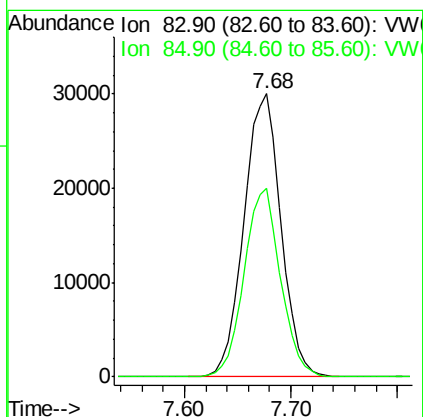
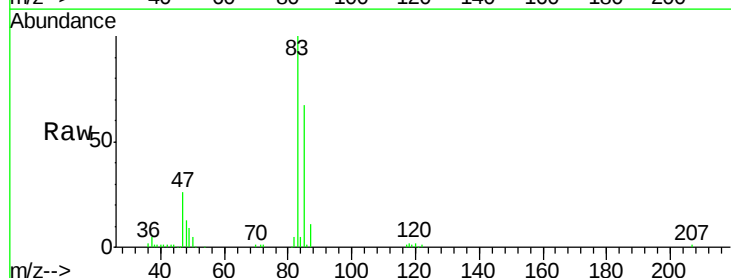
Instrument :
MSVOA_W
ClientSampleId :
VW0510SBS03

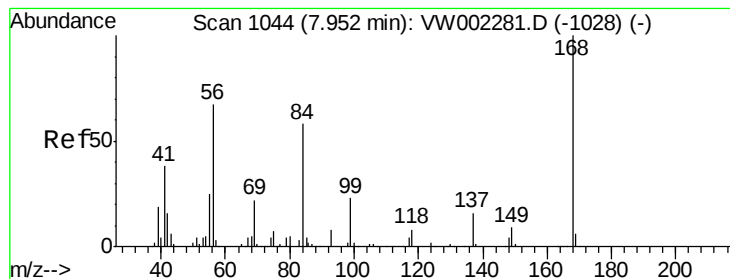
Tot Ion: 42 Resp: 43470
Ion Ratio Lower Upper
42 100
72 44.8 34.5 51.7
71 42.6 33.0 49.6



#30
Chloroform
Concen: 19.58 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW002399.D
Acq: 11 May 2018 00:48

Tgt Ion: 83 Resp: 73211
Ion Ratio Lower Upper
83 100
85 66.8 51.8 77.6





#31

Cyclohexane

Concen: 19.04 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW002399.D

Acq: 11 May 2018 00:48

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBS03

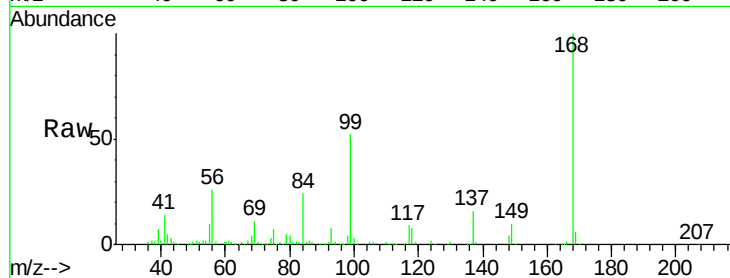
Tot Ion: 56 Resp: 60700

Ion Ratio Lower Upper

56 100

69 43.1 26.2 39.4#

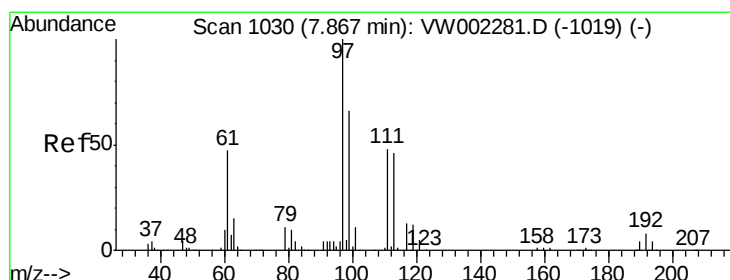
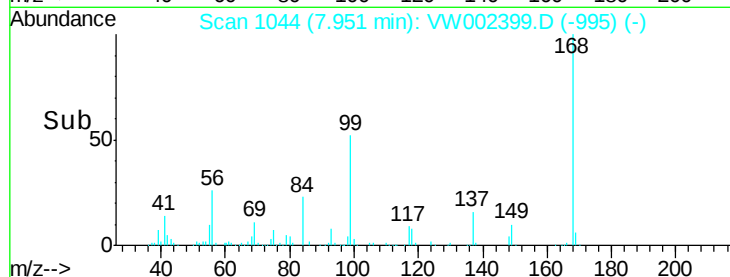
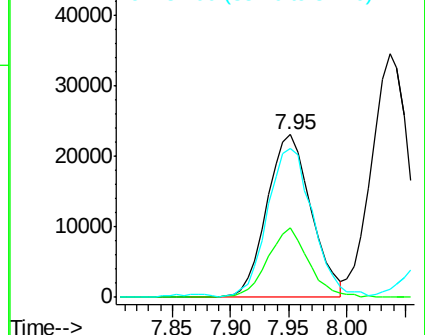
84 89.9 69.2 103.8



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: 19.16 ug/l

RT: 7.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VW002399.D

Acq: 11 May 2018 00:48

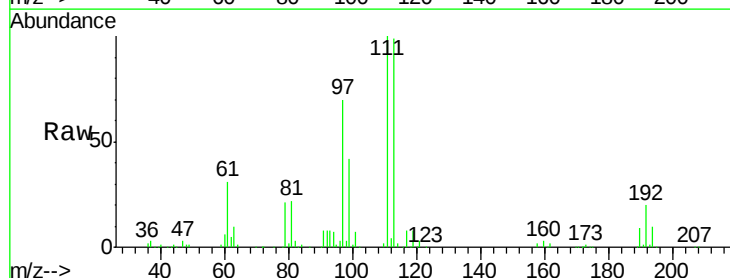
Tgt Ion: 97 Resp: 53843

Ion Ratio Lower Upper

97 100

99 64.6 52.6 79.0

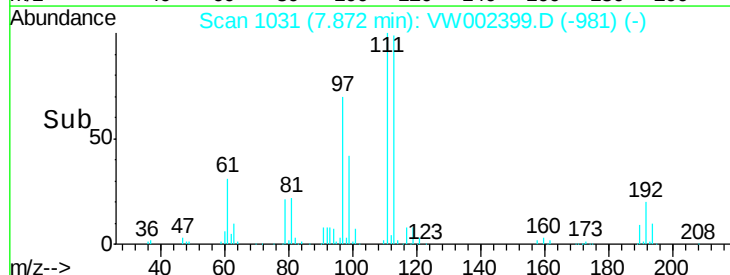
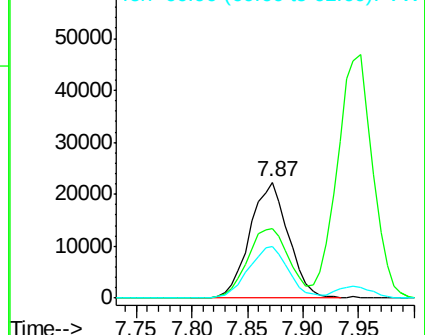
61 45.9 35.6 53.4

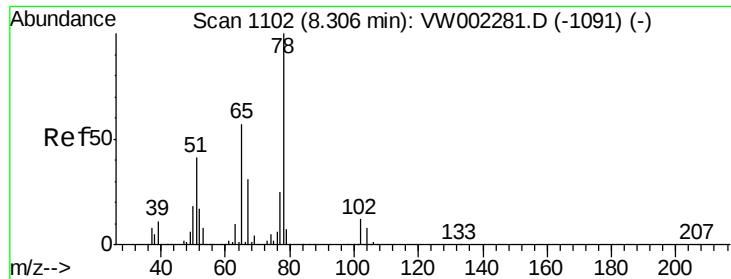


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW

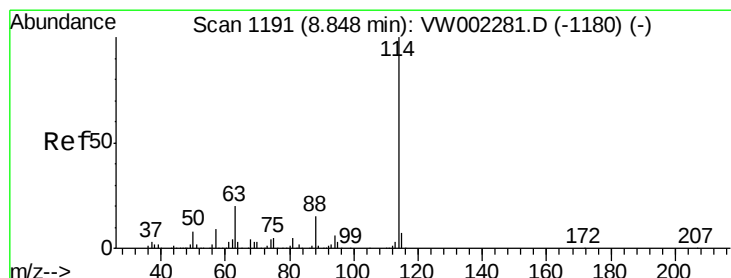
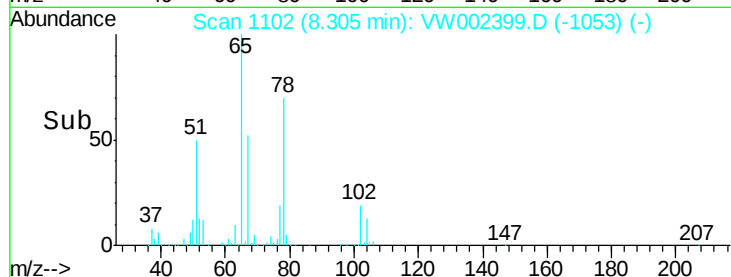
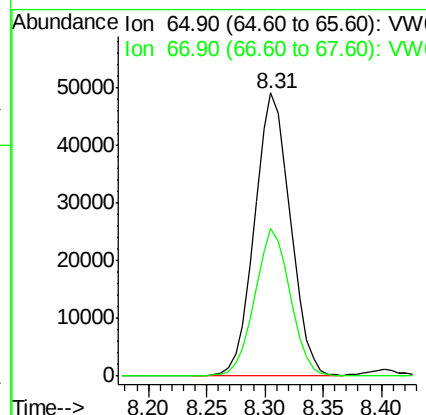
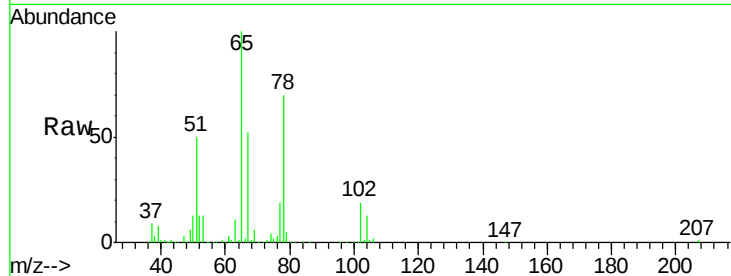




#33
 1,2-Dichloroethane-d4
 Concen: 49.00 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW002399.D
 Acq: 11 May 2018 00:48

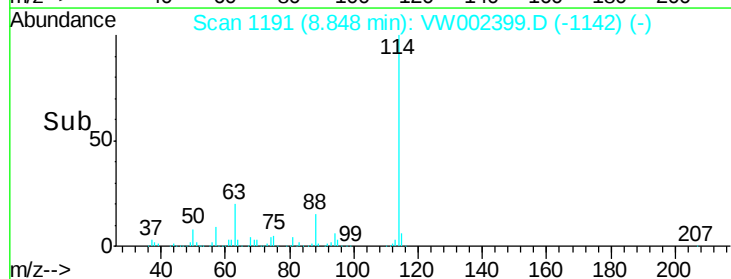
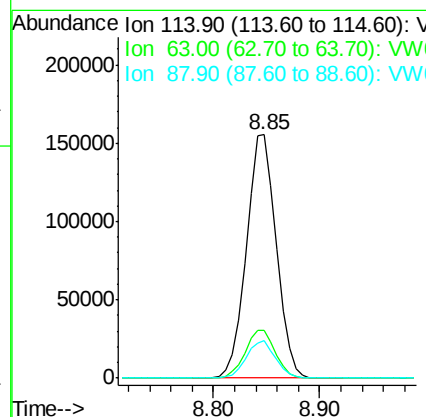
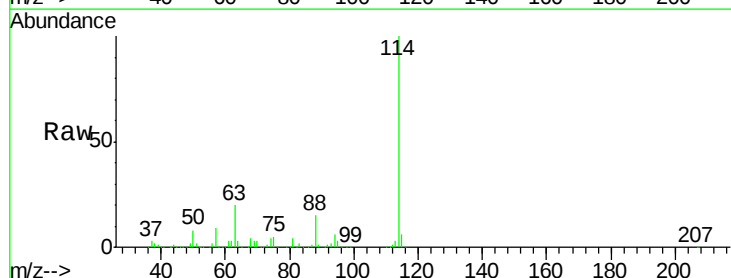
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBS03

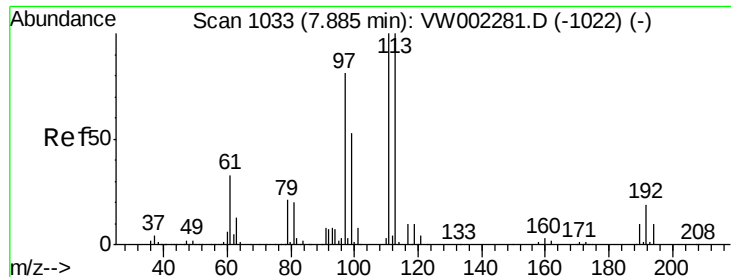
Tot Ion: 65 Resp: 105133
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW002399.D
 Acq: 11 May 2018 00:48

Tgt Ion: 114 Resp: 305742
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.2 0.0 29.6

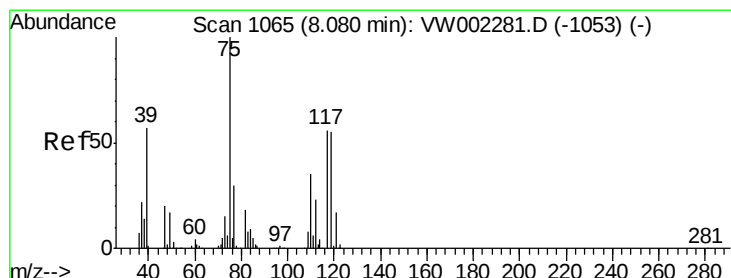
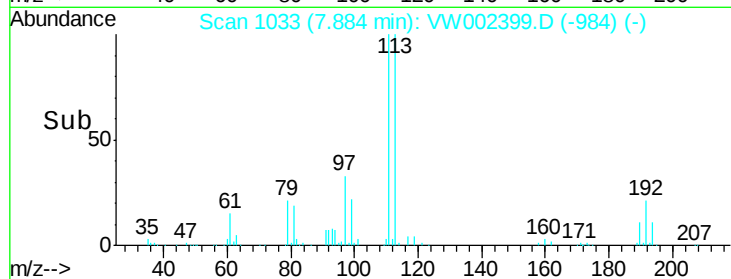
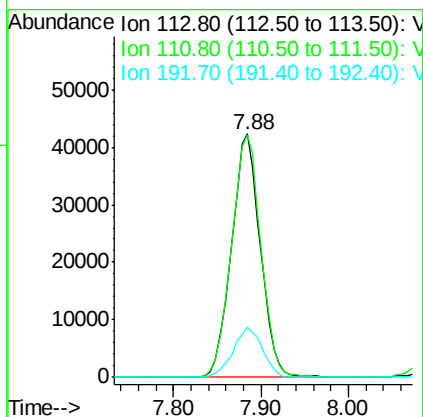
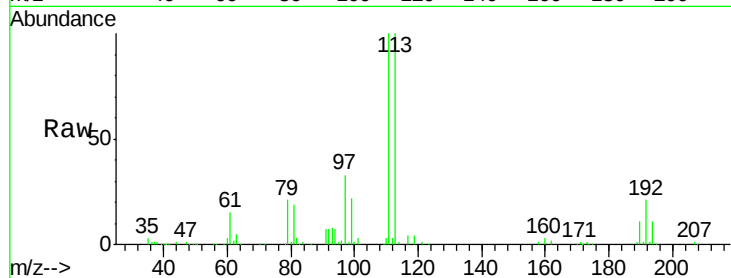




#35
Dibromofluoromethane
Concen: 49.23 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. -0.00 min
Lab File: VW002399.D
Acq: 11 May 2018 00:48

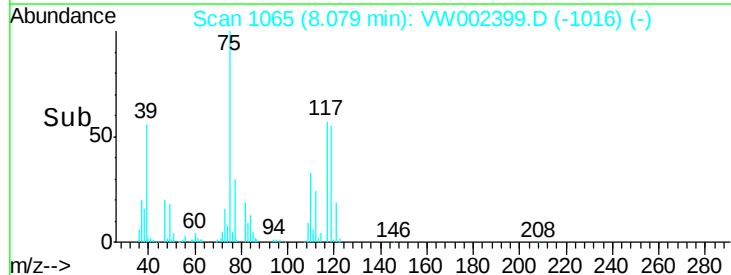
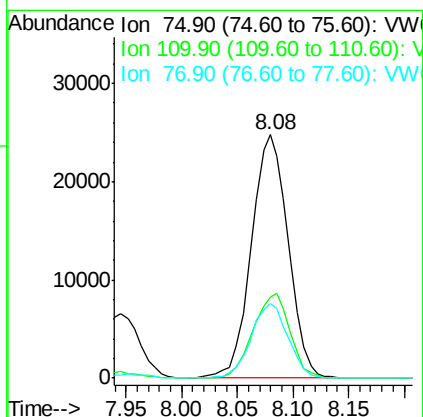
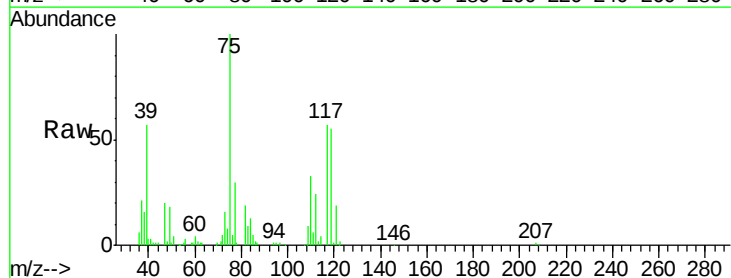
Instrument :
MSVOA_W
ClientSampleId :
VW0510SBS03

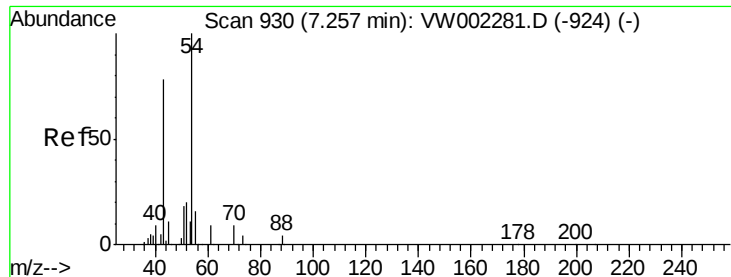
Tot Ion:113 Resp: 96481
Ion Ratio Lower Upper
113 100
111 102.2 81.5 122.3
192 21.1 16.4 24.6



#36
1,1-Dichloropropene
Concen: 20.56 ug/l
RT: 8.08 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW002399.D
Acq: 11 May 2018 00:48

Tgt Ion: 75 Resp: 56859
Ion Ratio Lower Upper
75 100
110 34.8 18.1 54.1
77 30.9 24.5 36.7

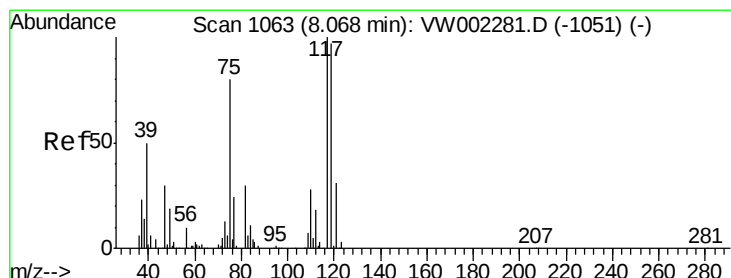
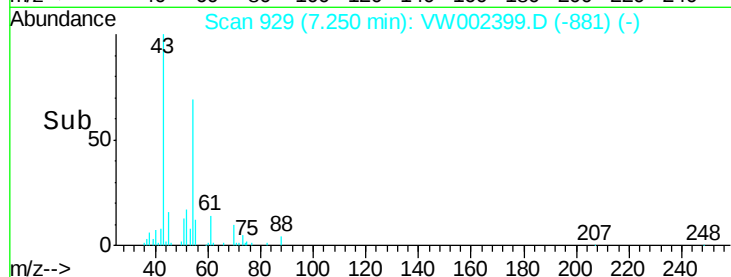
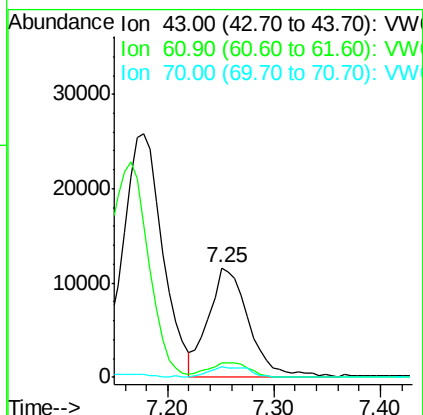
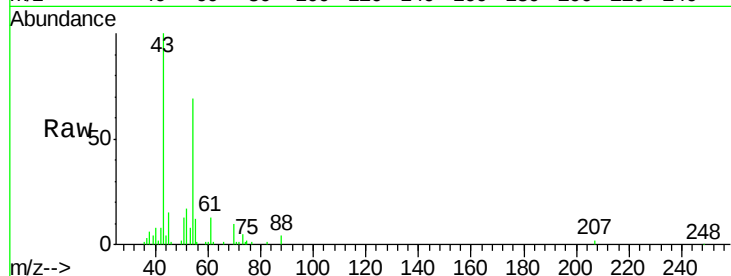




#37
Ethyl Acetate
Concen: 22.36 ug/l
RT: 7.25 min Scan# 929
Delta R.T. -0.01 min
Lab File: VW002399.D
Acq: 11 May 2018 00:48

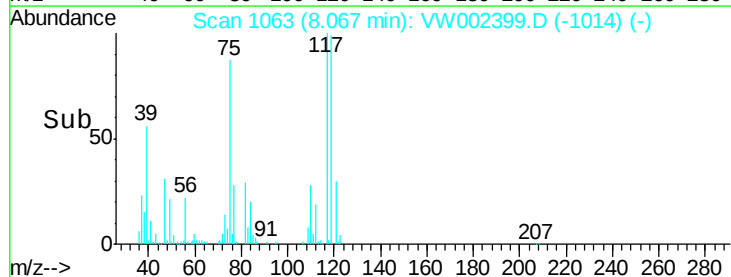
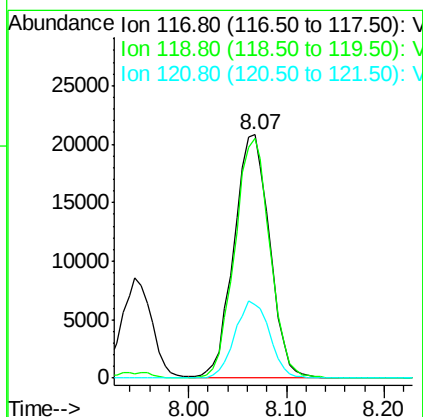
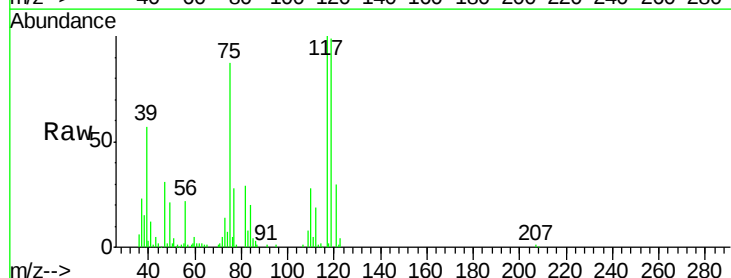
Instrument :
MSVOA_W
ClientSampleId :
VW0510SBS03

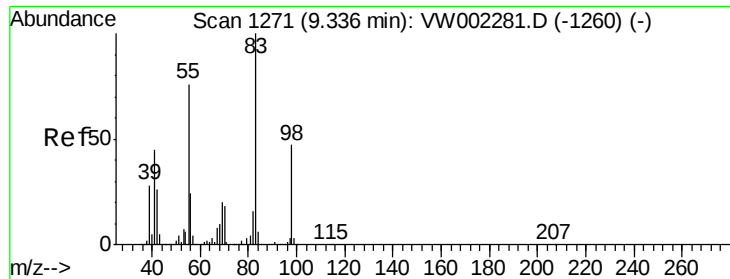
Tot Ion: 43 Resp: 30127
Ion Ratio Lower Upper
43 100
61 14.4 11.1 16.7
70 9.9 7.9 11.9



#38
Carbon Tetrachloride
Concen: 19.75 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW002399.D
Acq: 11 May 2018 00:48

Tgt Ion: 117 Resp: 52802
Ion Ratio Lower Upper
117 100
119 98.5 77.5 116.3
121 30.2 24.4 36.6

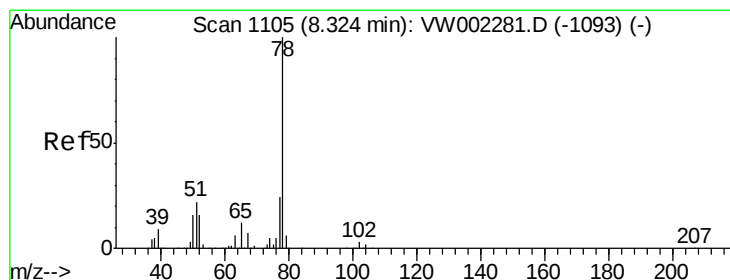
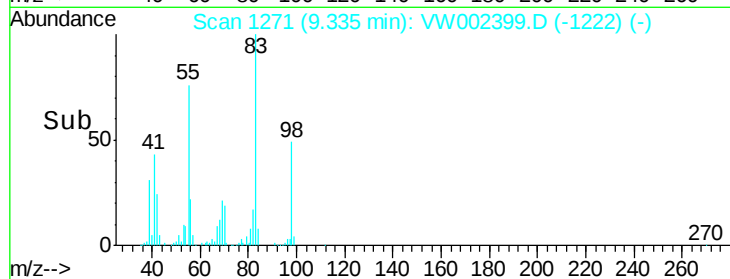
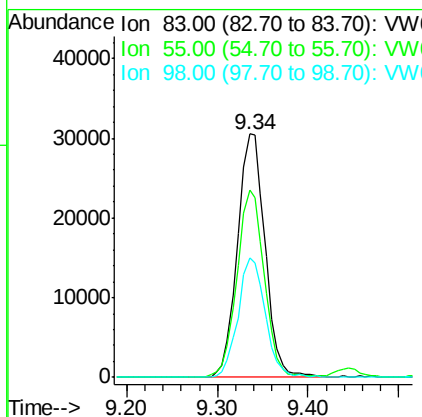
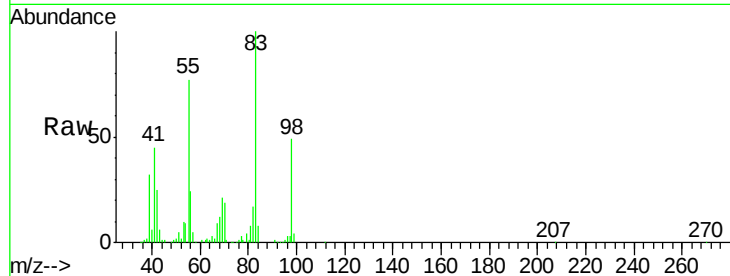




#39
Methvlcvclohexane
Concen: 20.02 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW002399.D
Acq: 11 May 2018 00:48

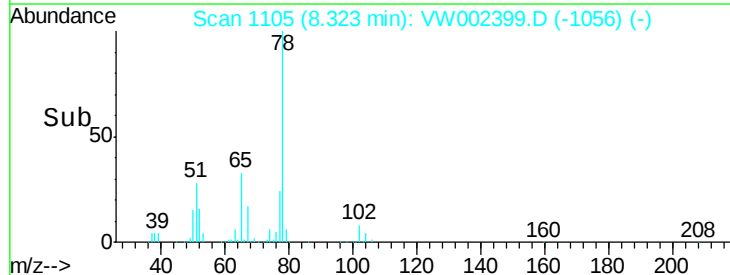
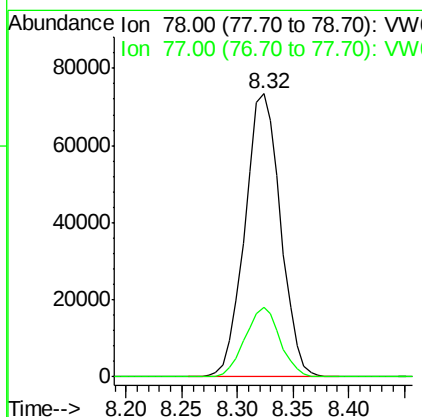
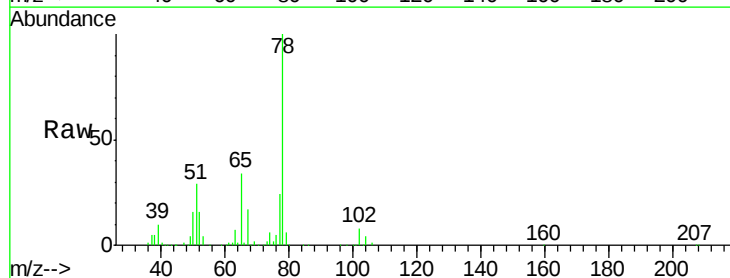
Instrument :
MSVOA_W
ClientSampleId :
VW0510SBS03

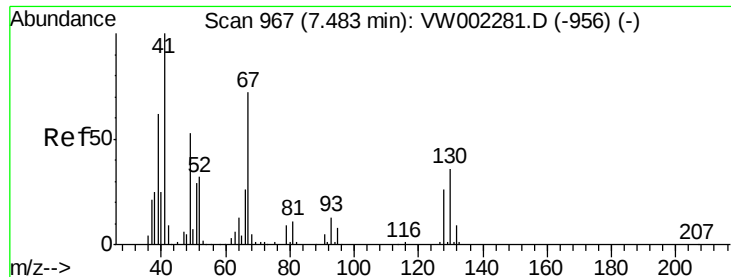
Tot Ion: 83 Resp: 64606
Ion Ratio Lower Upper
83 100
55 76.7 60.6 91.0
98 49.1 37.4 56.0



#40
Benzene
Concen: 20.24 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW002399.D
Acq: 11 May 2018 00:48

Tgt Ion: 78 Resp: 163591
Ion Ratio Lower Upper
78 100
77 24.4 19.3 28.9

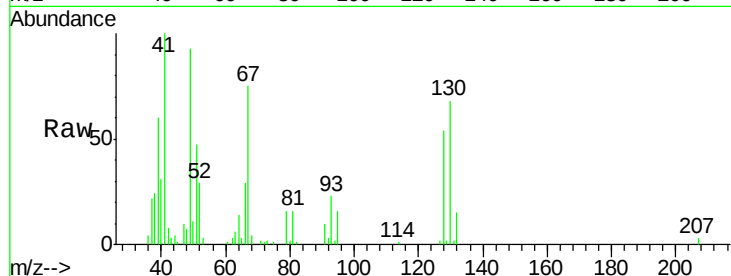




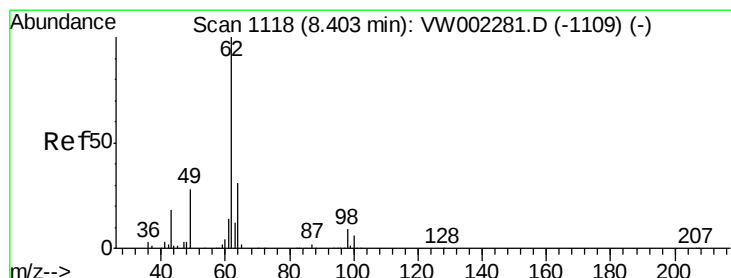
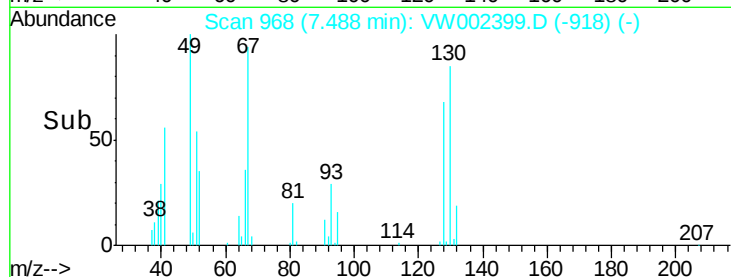
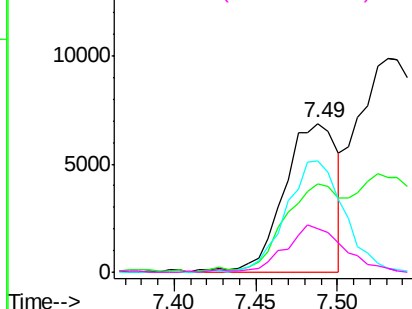
#41
Methacrylonitrile
Concen: 20.11 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.01 min
Lab File: VW002399.D
Acq: 11 May 2018 00:48

Instrument :
MSVOA_W
ClientSampled :
VW0510SBS03

Tot Ion: 41 Resp: 15531
Ion Ratio Lower Upper
41 100
39 64.1 40.2 60.4#
67 81.7 54.7 82.1
52 34.7 23.6 35.4

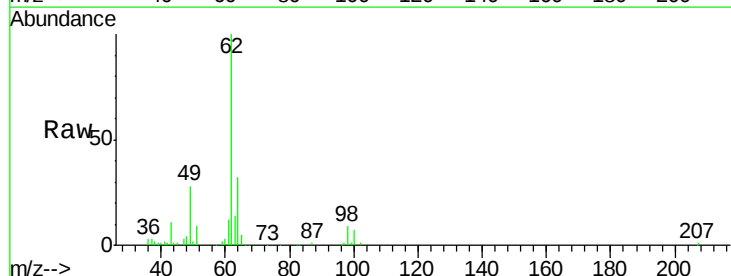


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

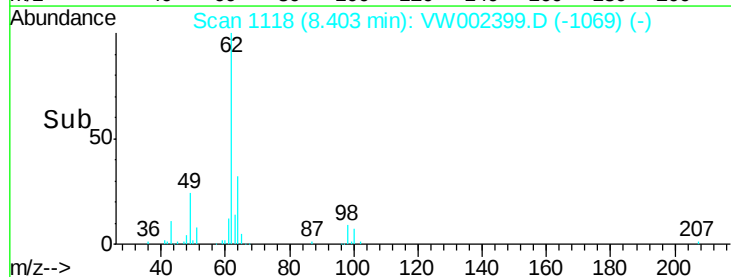
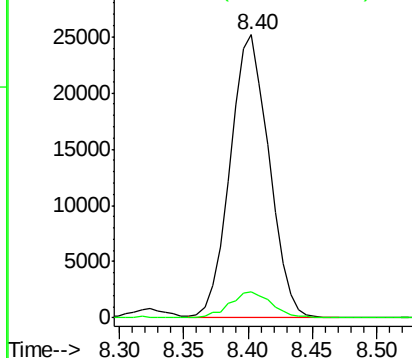


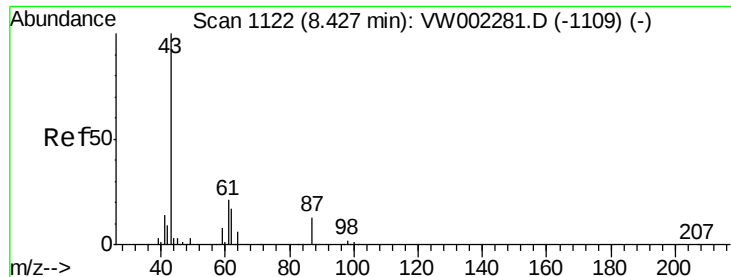
#42
1,2-Dichloroethane
Concen: 20.99 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW002399.D
Acq: 11 May 2018 00:48

Tgt Ion: 62 Resp: 52908
Ion Ratio Lower Upper
62 100
98 9.8 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW



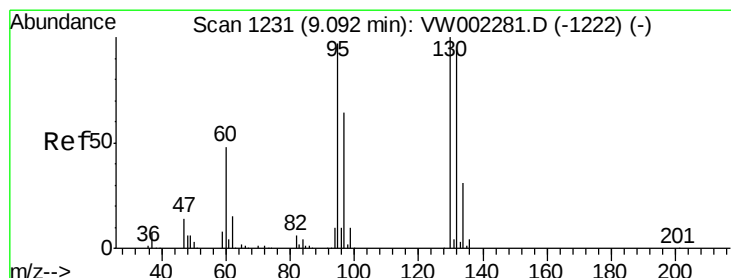
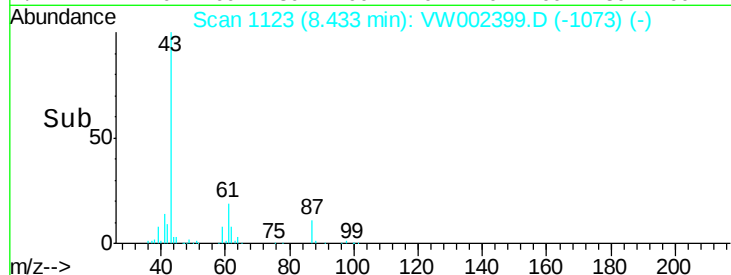
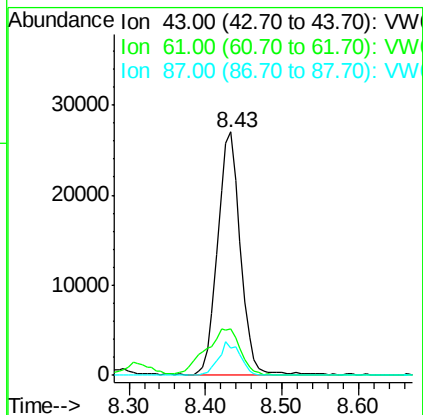
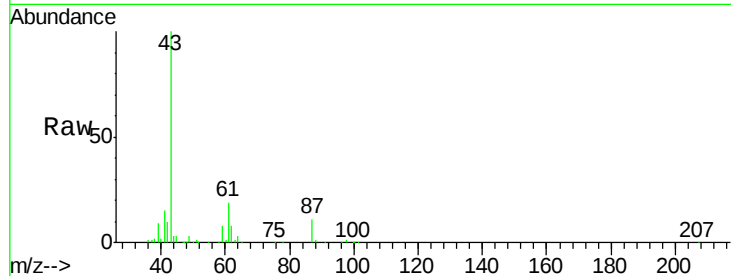


#43

Isopropyl Acetate
 Concen: 21.66 ug/l
 RT: 8.43 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: VW002399.D
 Acq: 11 May 2018 00:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBS03

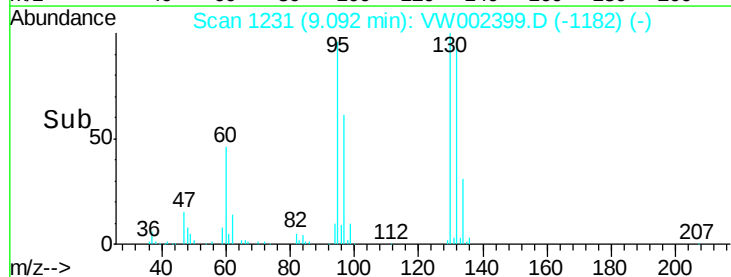
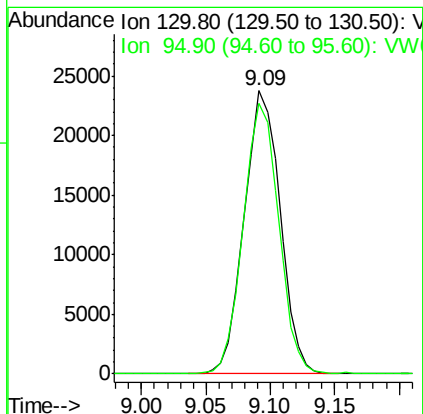
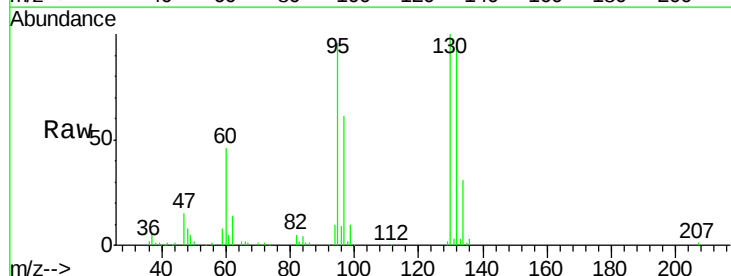
Tot Ion	43	Resp	55366
Ion Ratio	Lower	Upper	
43	100		
61	29.5	23.7	35.5
87	13.1	10.7	16.1

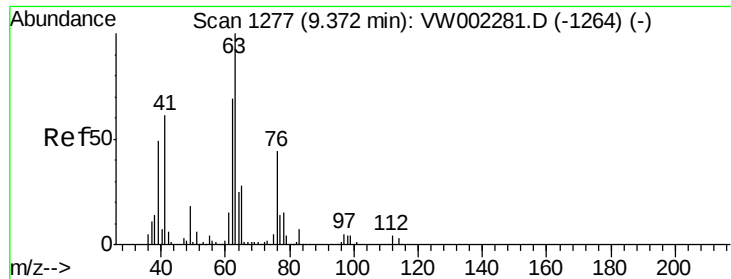


#44

Trichloroethene
 Concen: 20.85 ug/l
 RT: 9.09 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: VW002399.D
 Acq: 11 May 2018 00:48

Tgt Ion	130	Resp	45947
Ion Ratio	Lower	Upper	
130	100		
95	95.7	0.0	193.4

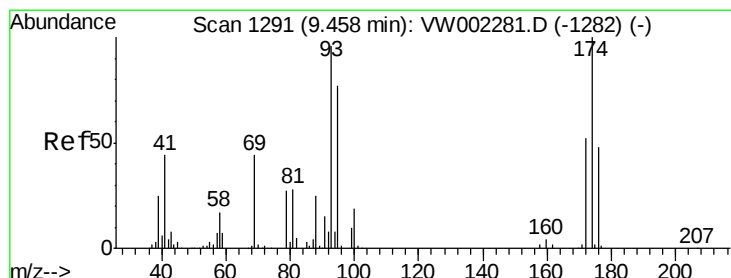
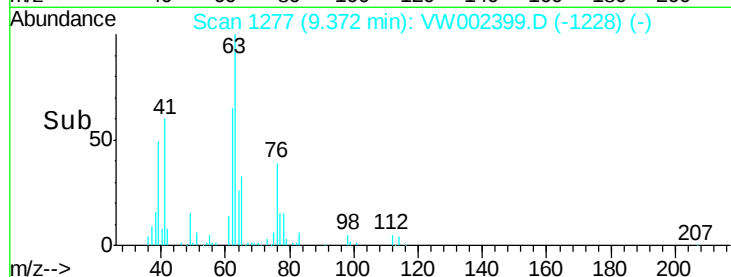
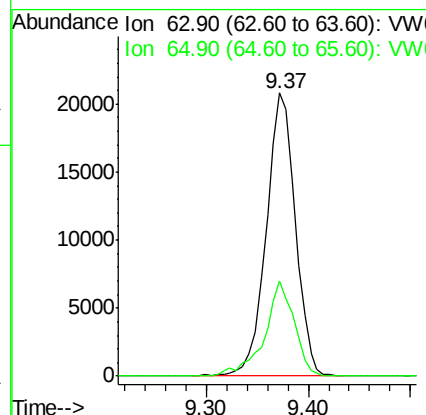
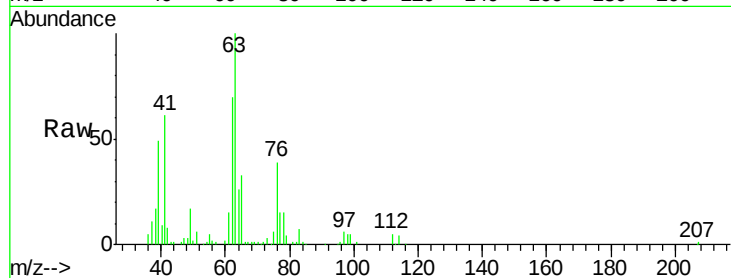




#45
 1,2-Dichloropropane
 Concen: 20.34 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW002399.D
 Acq: 11 May 2018 00:48

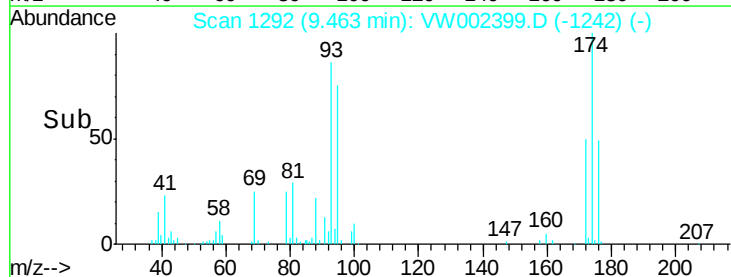
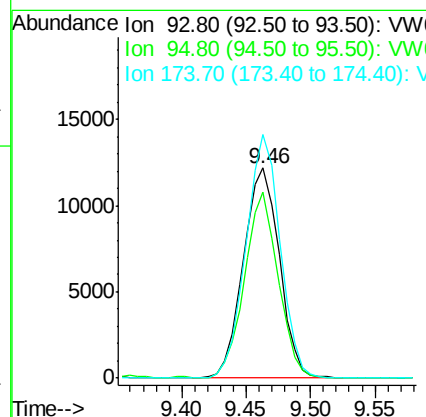
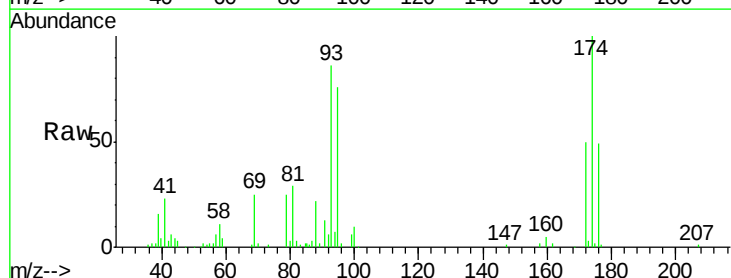
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBS03

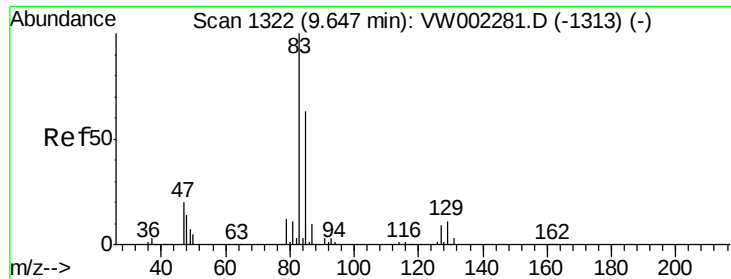
Tot Ion: 63 Resp: 41189
 Ion Ratio Lower Upper
 63 100
 65 33.4 22.9 34.3



#46
 Dibromomethane
 Concen: 20.78 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: VW002399.D
 Acq: 11 May 2018 00:48

Tgt Ion: 93 Resp: 23526
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.4 99.6
 174 109.9 86.8 130.2





#47

Bromodichloromethane

Concen: 20.17 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW002399.D

Acq: 11 May 2018 00:48

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBS03

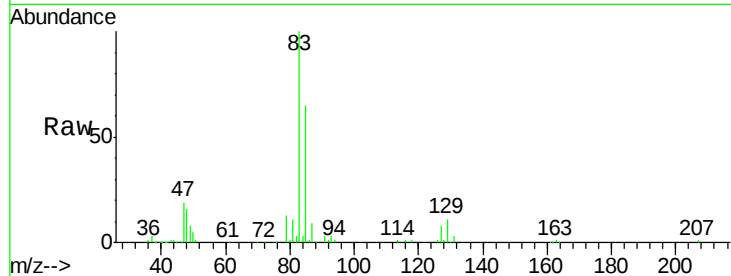
Tot Ion: 83 Resp: 53895

Ion Ratio Lower Upper

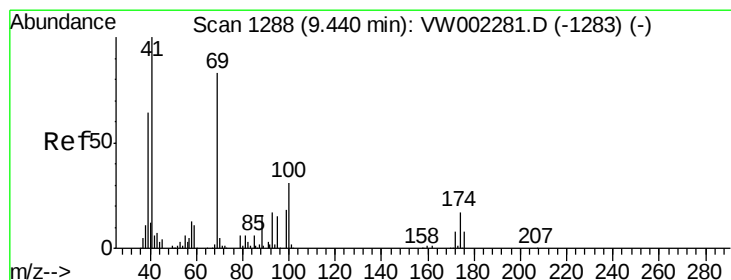
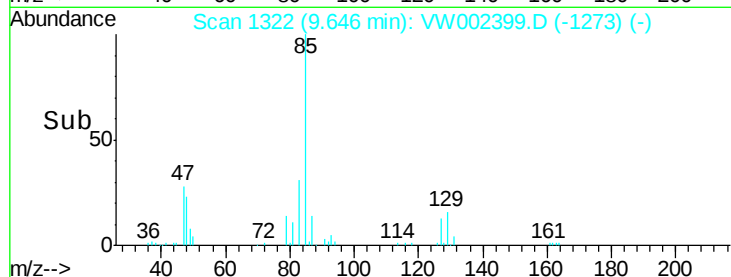
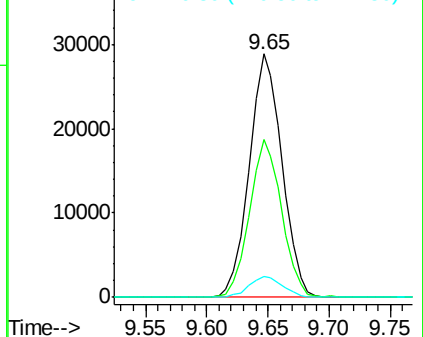
83 100

85 64.9 50.2 75.2

127 8.4 6.9 10.3



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: 22.88 ug/l

RT: 9.45 min Scan# 1289

Delta R.T. 0.01 min

Lab File: VW002399.D

Acq: 11 May 2018 00:48

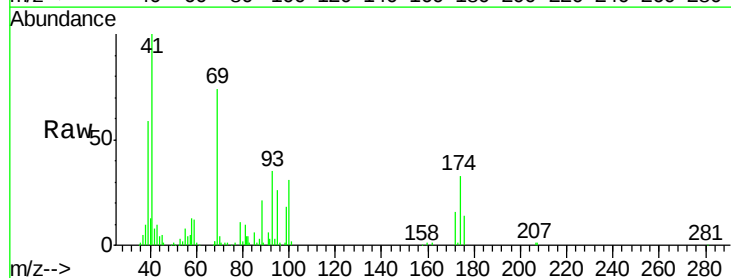
Tgt Ion: 41 Resp: 28408

Ion Ratio Lower Upper

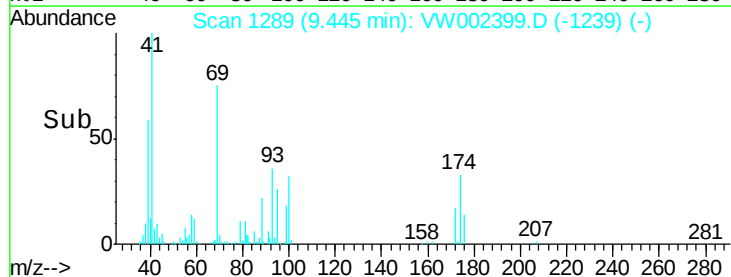
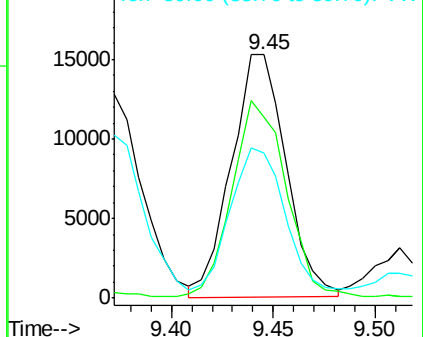
41 100

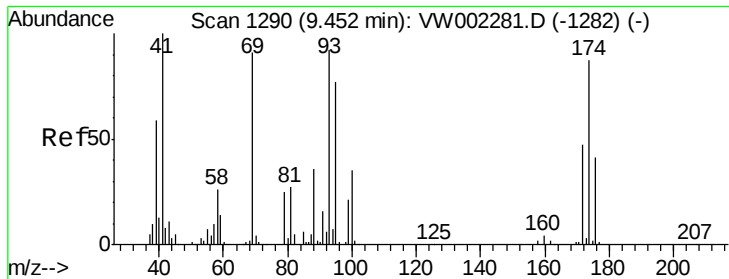
69 80.0 69.9 104.9

39 63.4 54.0 81.0



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: 480.69 ug/l

RT: 9.46 min Scan# 1291

Delta R.T. 0.01 min

Lab File: VW002399.D

Acq: 11 May 2018 00:48

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBS03

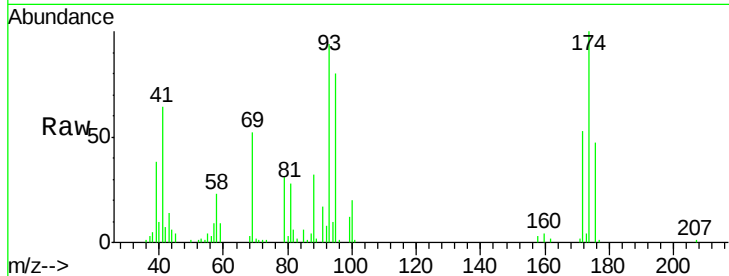
Tot Ion: 88 Resp: 8644

Ion Ratio Lower Upper

88 100

43 32.3 26.3 39.5

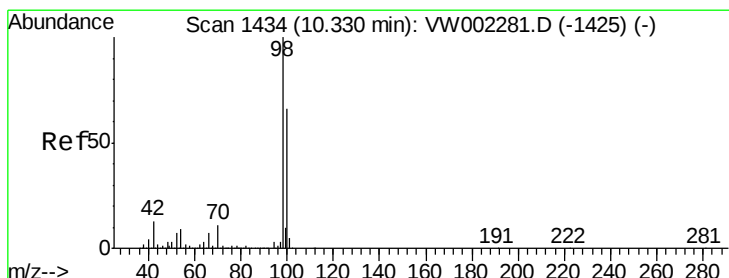
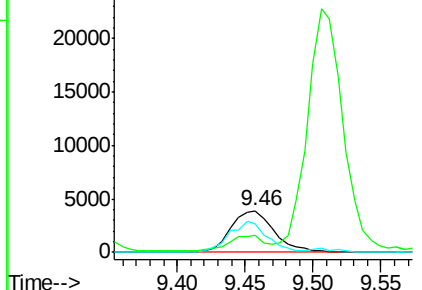
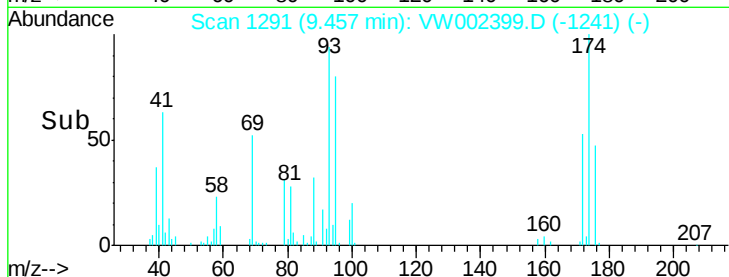
58 65.6 56.0 84.0



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: 49.01 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002399.D

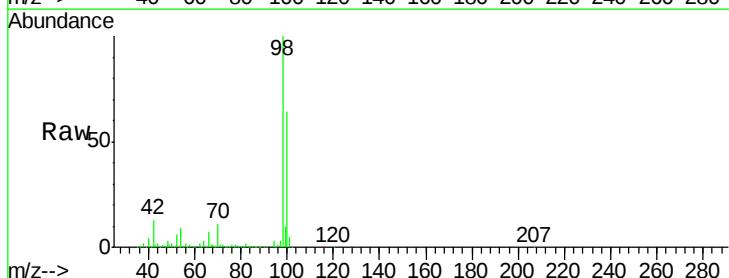
Acq: 11 May 2018 00:48

Tgt Ion: 98 Resp: 366249

Ion Ratio Lower Upper

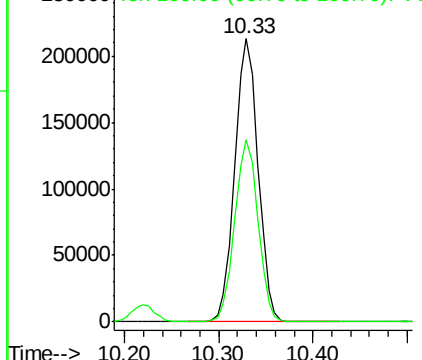
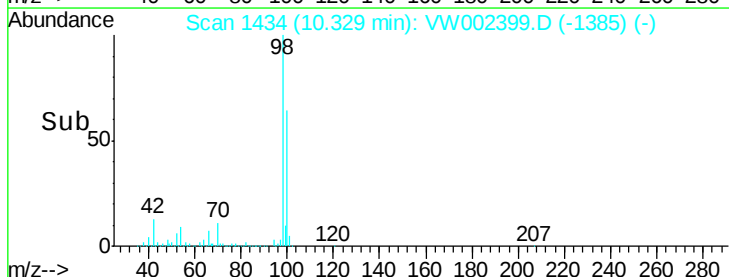
98 100

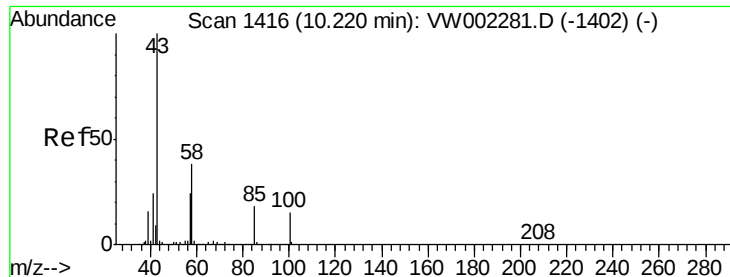
100 64.3 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

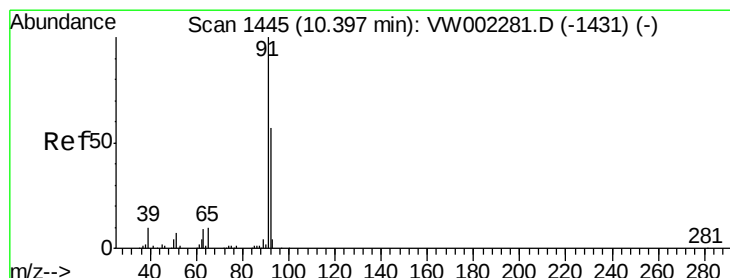
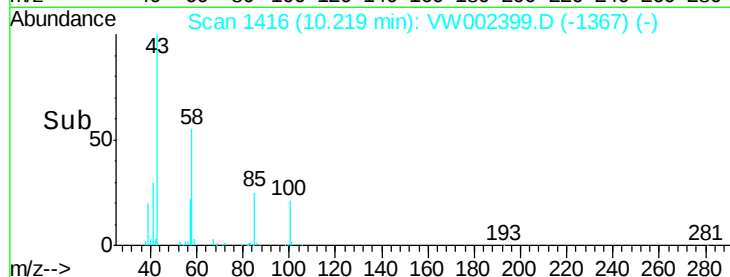
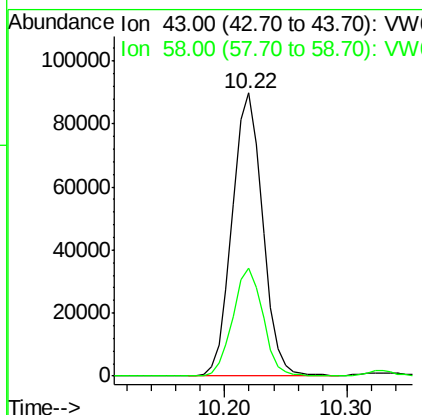
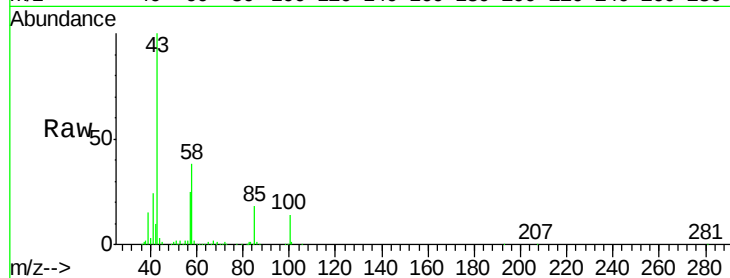




#51
 4-Methyl-2-Pentanone
 Concen: 109.51 ug/l
 RT: 10.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VW002399.D
 Acq: 11 May 2018 00:48

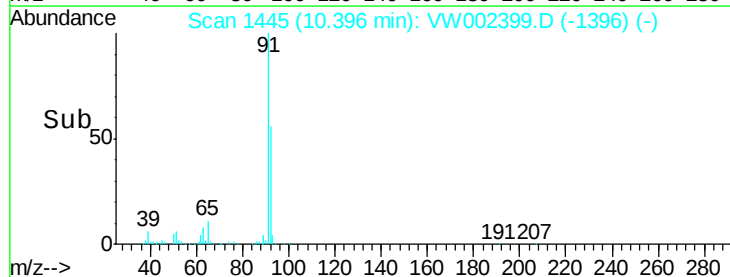
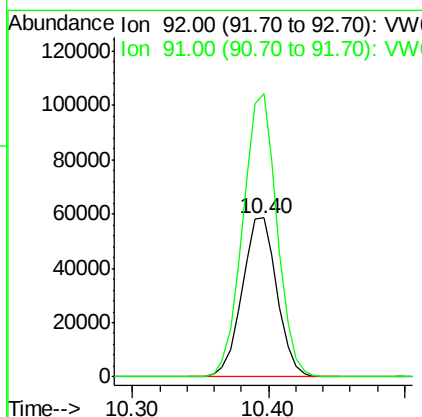
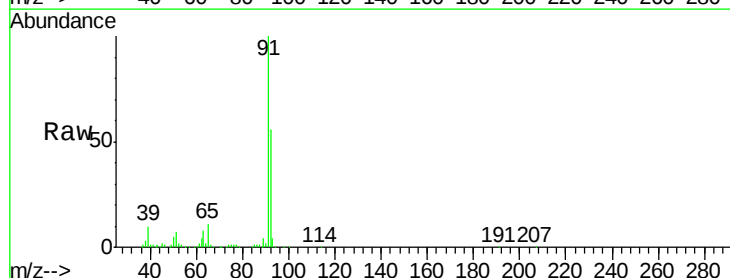
Instrument :
 MSVOA_W
 ClientSampled :
 VW0510SBS03

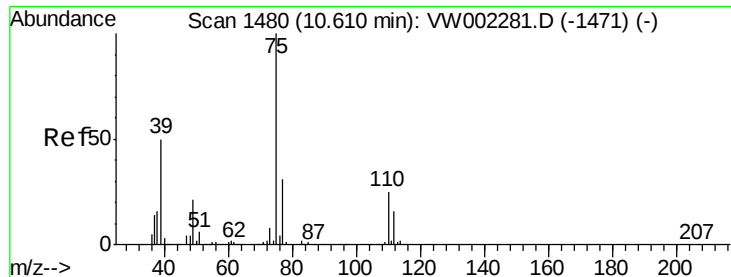
Tot Ion: 43 Resp: 154433
 Ion Ratio Lower Upper
 43 100
 58 37.7 30.2 45.2



#52
 Toluene
 Concen: 20.37 ug/l
 RT: 10.40 min Scan# 1445
 Delta R.T. -0.00 min
 Lab File: VW002399.D
 Acq: 11 May 2018 00:48

Tgt Ion: 92 Resp: 104566
 Ion Ratio Lower Upper
 92 100
 91 175.0 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 19.84 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW002399.D

Acq: 11 May 2018 00:48

Instrument :

MSVOA_W

ClientSampleId :

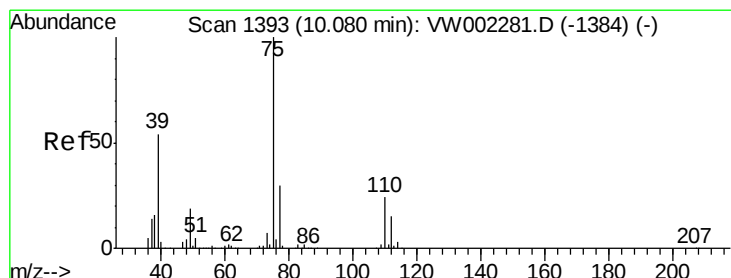
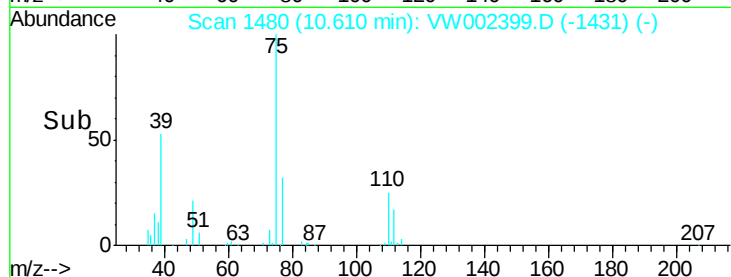
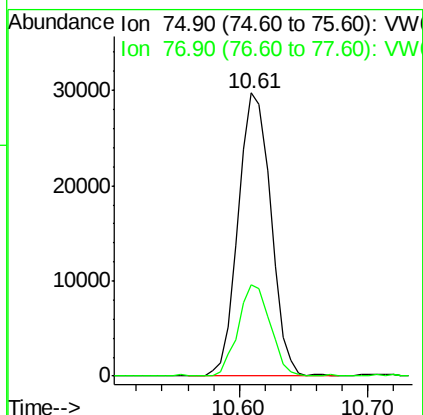
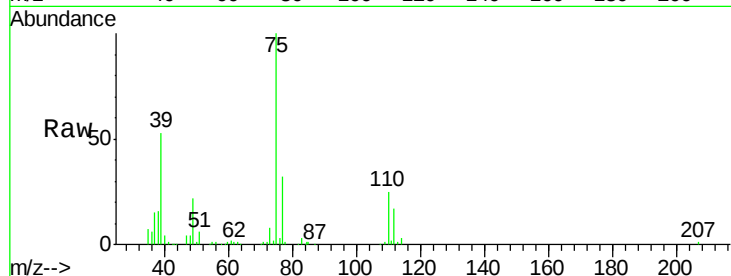
VW0510SBS03

Tot Ion: 75 Resp: 52113

Ion Ratio Lower Upper

75 100

77 32.4 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 19.52 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW002399.D

Acq: 11 May 2018 00:48

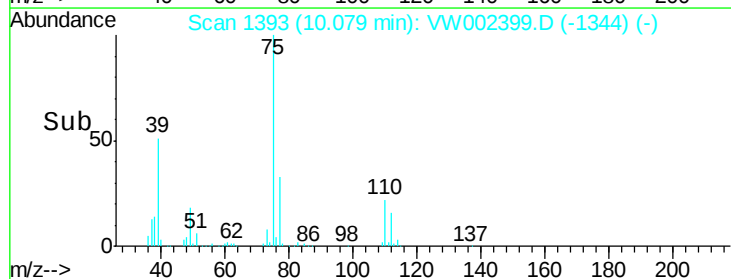
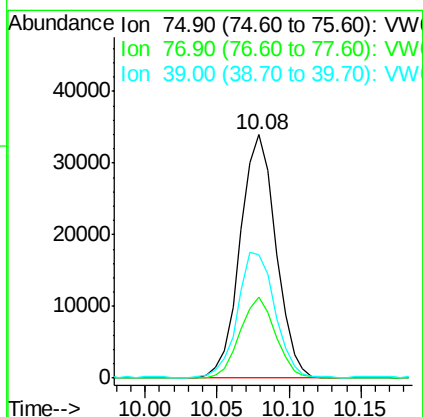
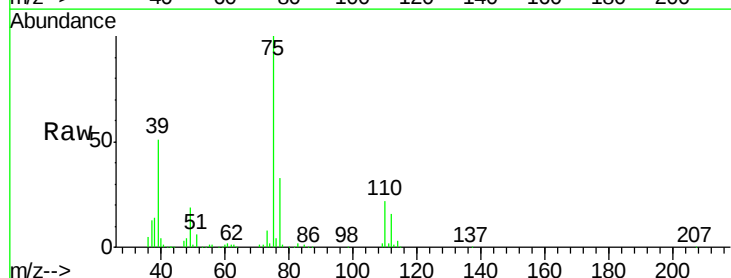
Tgt Ion: 75 Resp: 58611

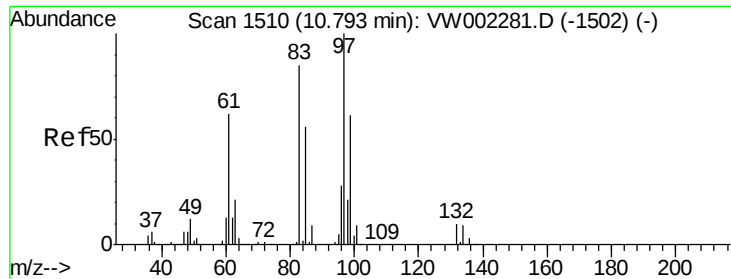
Ion Ratio Lower Upper

75 100

77 33.1 23.9 35.9

39 50.5 43.2 64.8



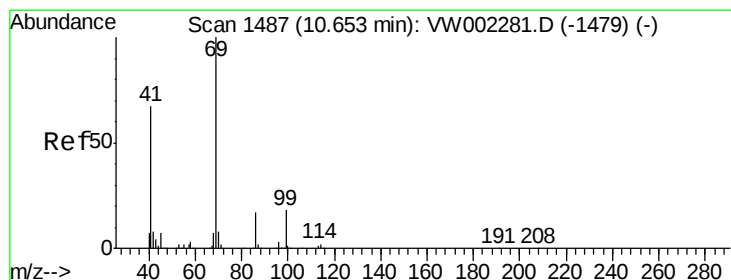
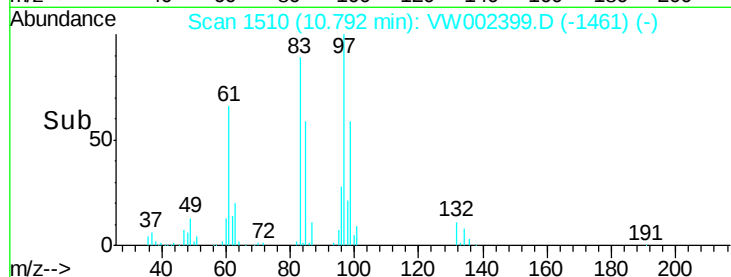
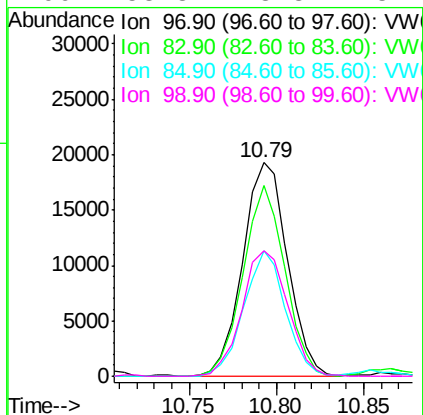
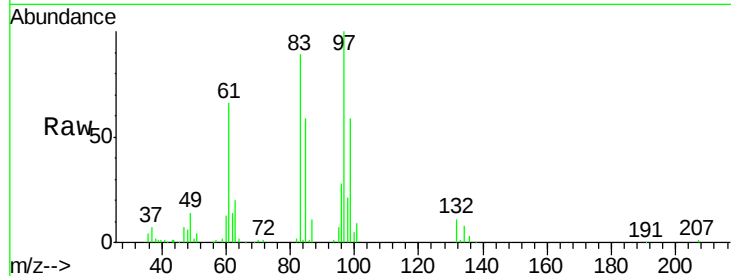


#55
 1,1,2-Trichloroethane
 Concen: 21.47 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW002399.D
 Acq: 11 May 2018 00:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBS03

Tot Ion: 97 Resp: 34221

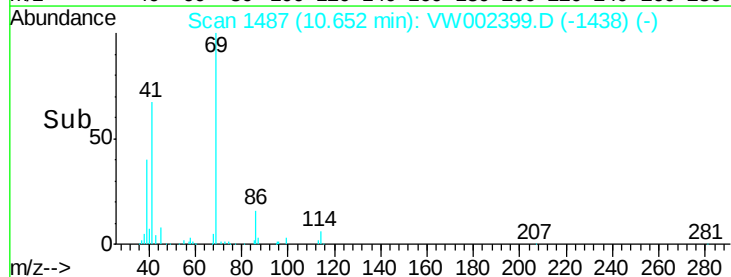
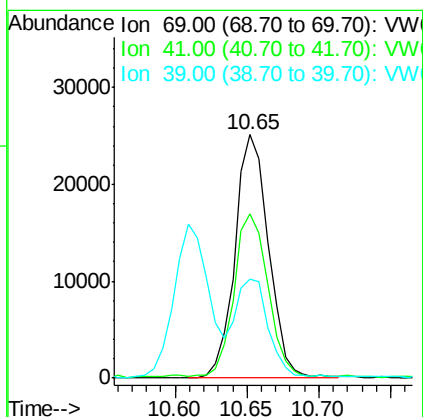
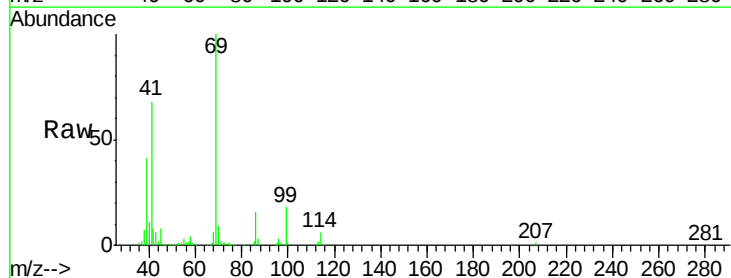
Ion	Ratio	Lower	Upper
97	100		
83	89.0	68.4	102.6
85	58.7	44.6	67.0
99	58.8	48.8	73.2

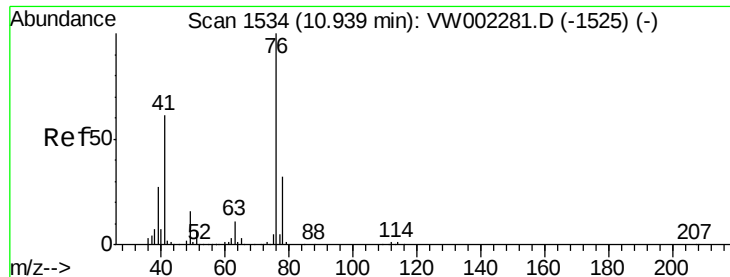


#56
 Ethyl methacrylate
 Concen: 20.70 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW002399.D
 Acq: 11 May 2018 00:48

Tgt Ion: 69 Resp: 40786

Ion	Ratio	Lower	Upper
69	100		
41	67.8	56.0	84.0
39	39.8	32.7	49.1

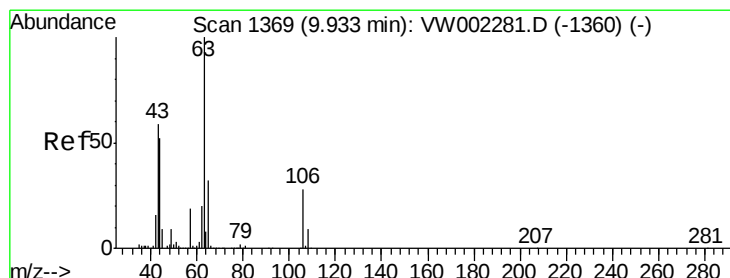
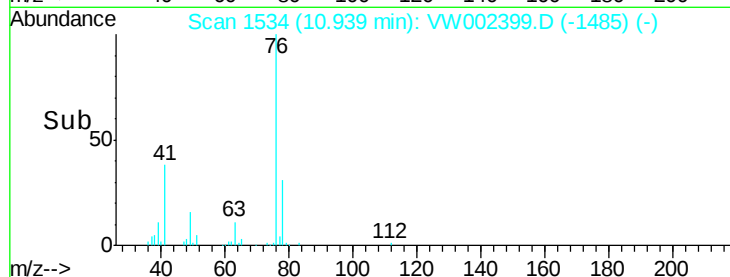
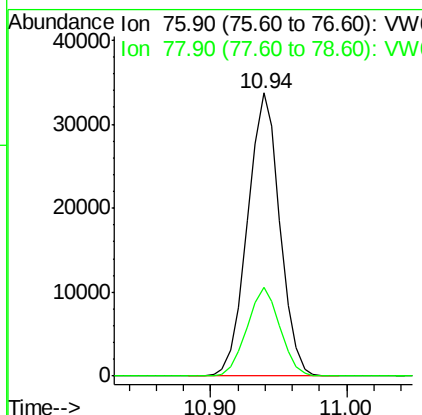
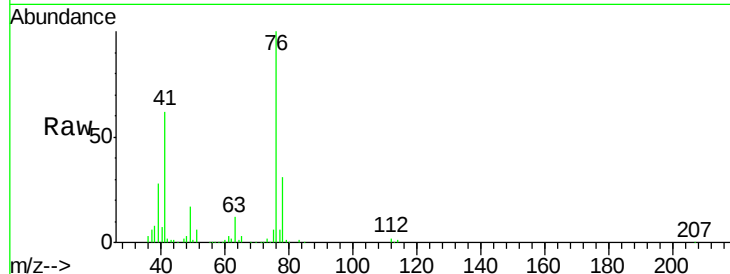




#57
 1,3-Dichloropropane
 Concen: 20.72 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VW002399.D
 Acq: 11 May 2018 00:48

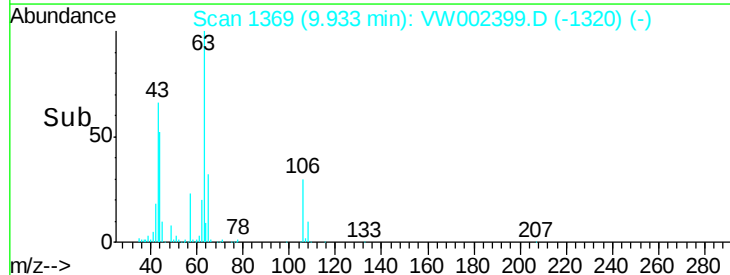
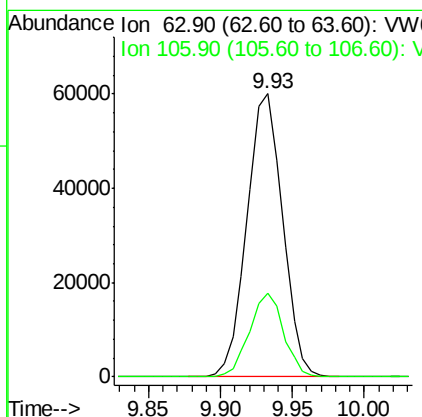
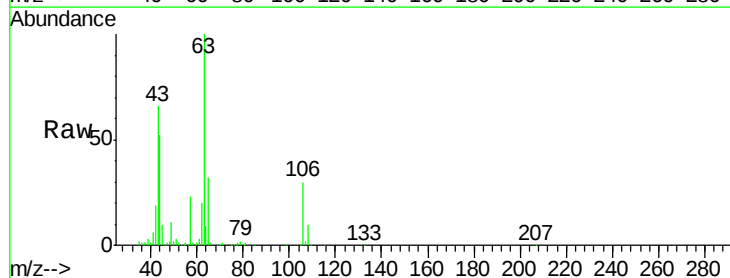
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBS03

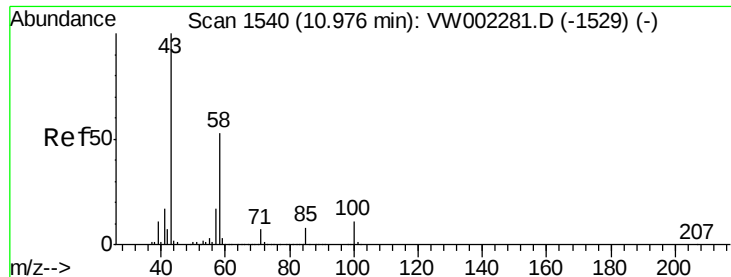
Tot Ion: 76 Resp: 56144
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 107.74 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: VW002399.D
 Acq: 11 May 2018 00:48

Tgt Ion: 63 Resp: 103039
 Ion Ratio Lower Upper
 63 100
 106 28.4 22.5 33.7

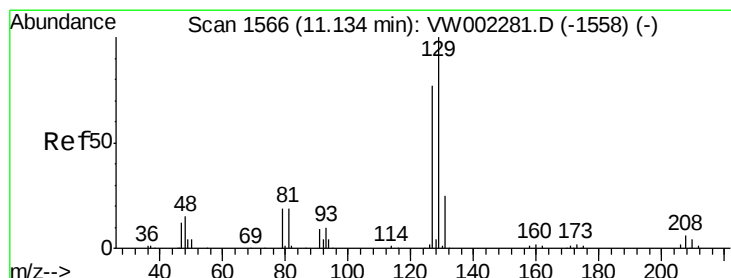
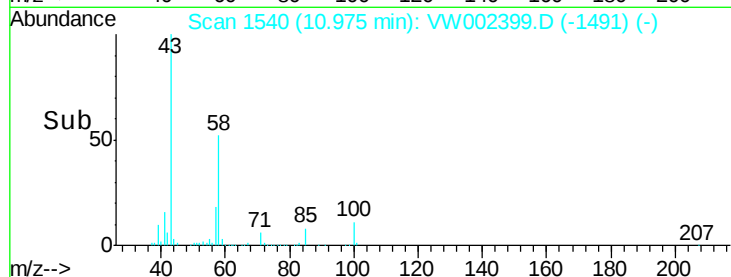
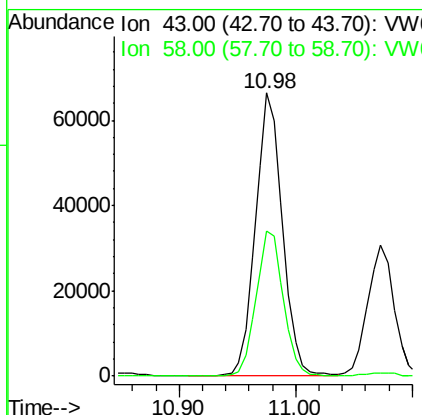
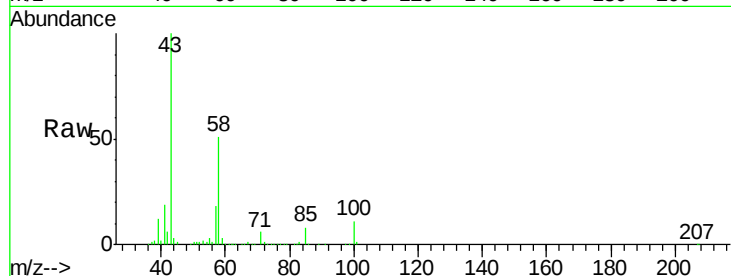




#59
2-Hexanone
Concen: 110.95 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW002399.D
Acq: 11 May 2018 00:48

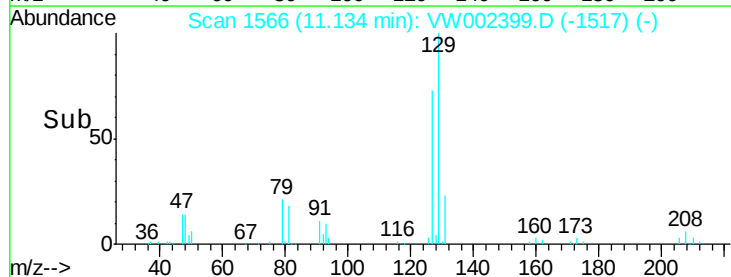
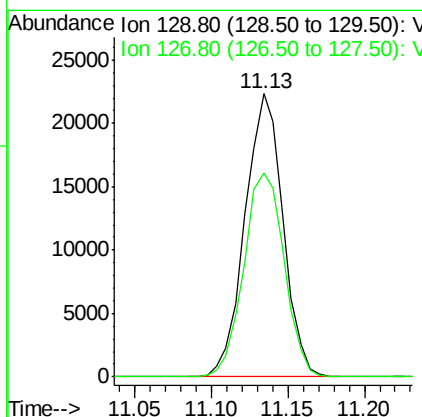
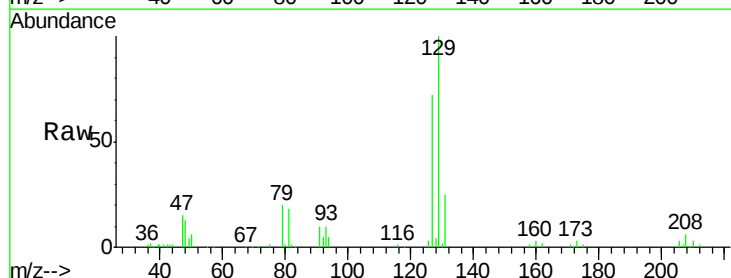
Instrument :
MSVOA_W
ClientSampleId :
VW0510SBS03

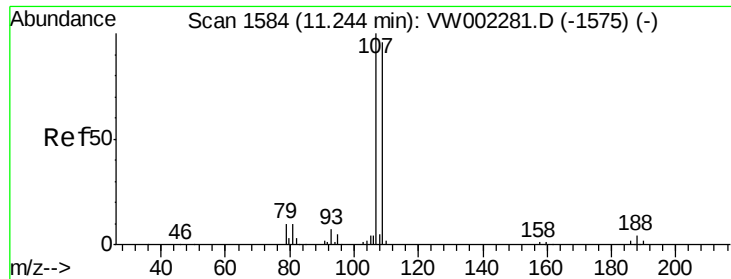
Tot Ion: 43 Resp: 107027
Ion Ratio Lower Upper
43 100
58 51.7 26.0 78.0



#60
Dibromochloromethane
Concen: 20.50 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW002399.D
Acq: 11 May 2018 00:48

Tgt Ion: 129 Resp: 38572
Ion Ratio Lower Upper
129 100
127 76.3 39.0 116.9

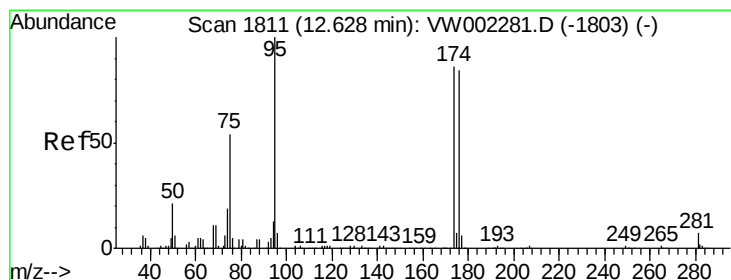
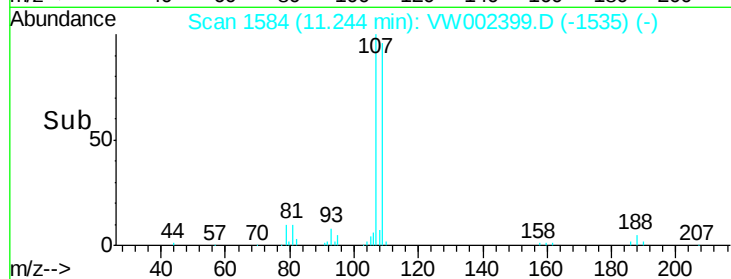
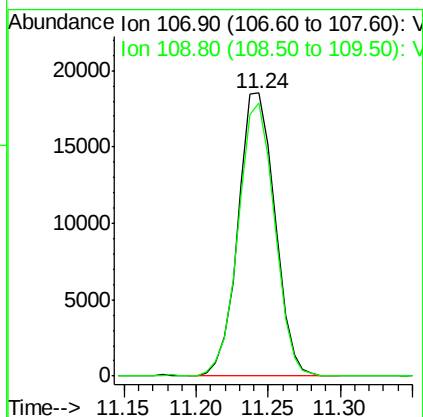
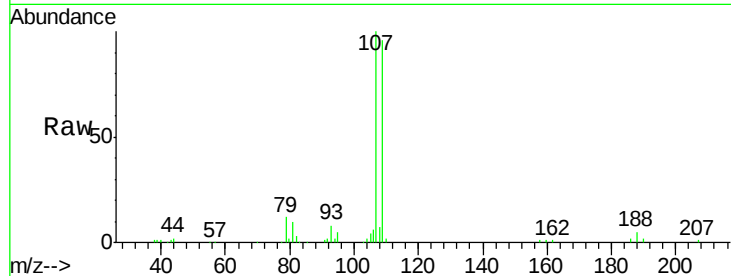




#61
 1,2-Dibromoethane
 Concen: 21.09 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: VW002399.D
 Acq: 11 May 2018 00:48

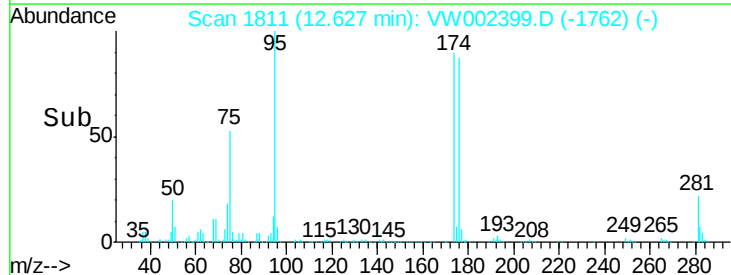
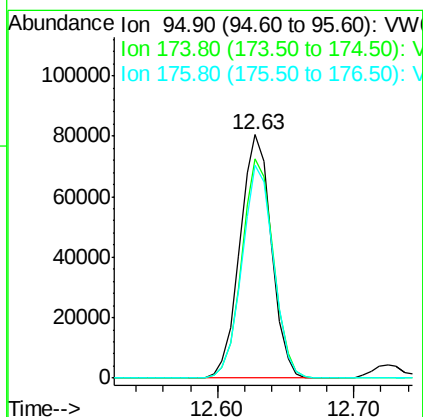
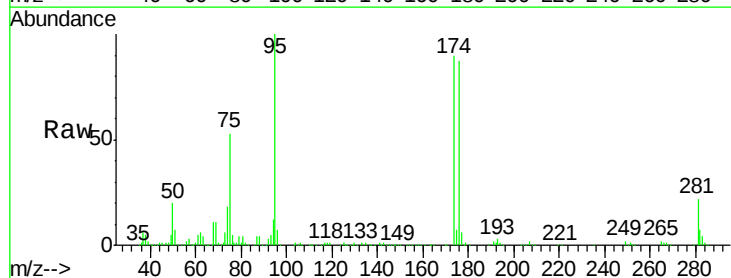
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBS03

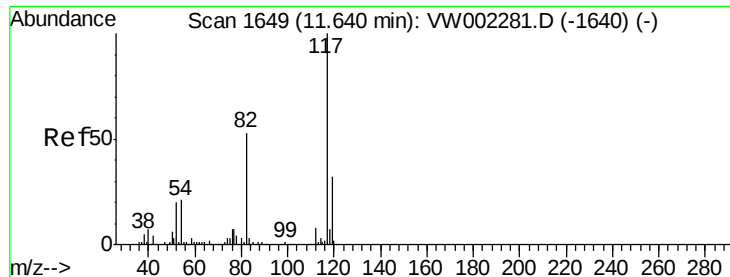
Tot Ion:107 Resp: 32855
 Ion Ratio Lower Upper
 107 100
 109 95.2 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 48.13 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW002399.D
 Acq: 11 May 2018 00:48

Tgt Ion: 95 Resp: 129965
 Ion Ratio Lower Upper
 95 100
 174 90.5 0.0 176.8
 176 87.5 0.0 170.4

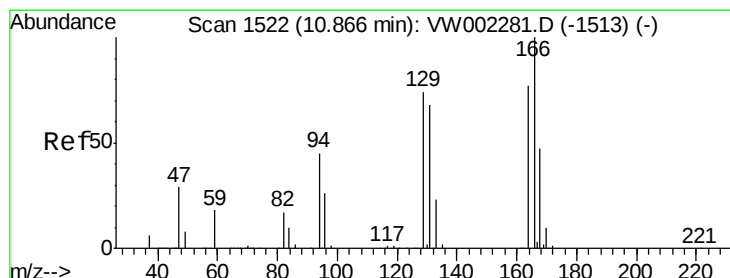
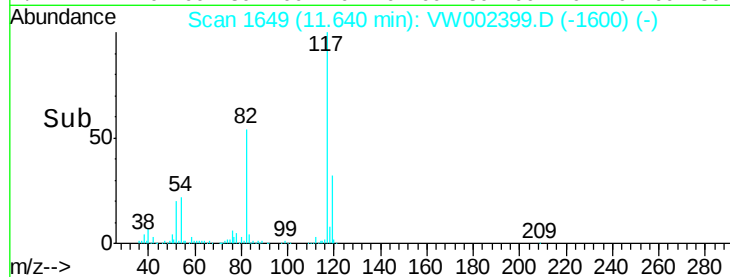
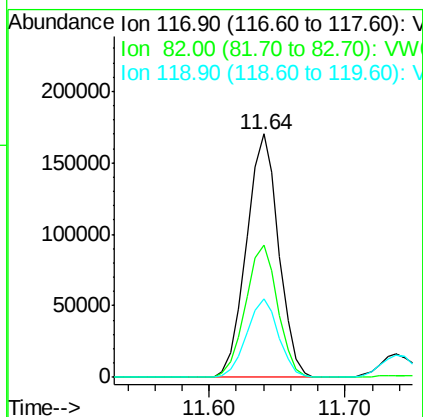
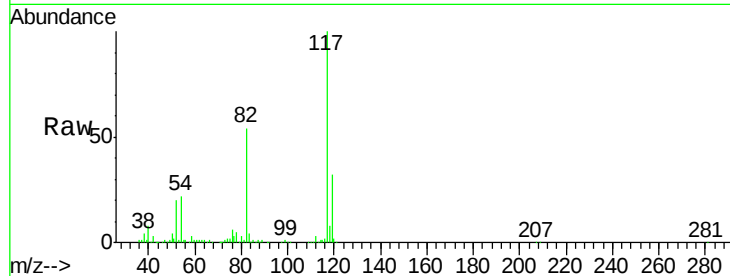




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002399.D
Acq: 11 May 2018 00:48

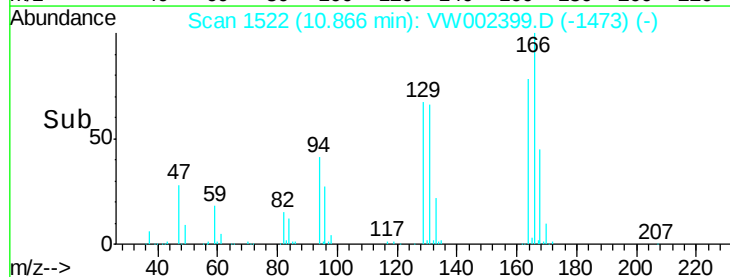
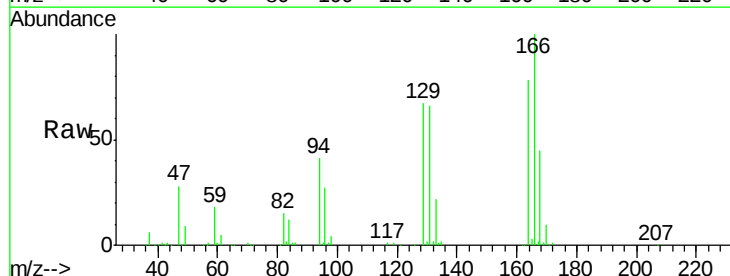
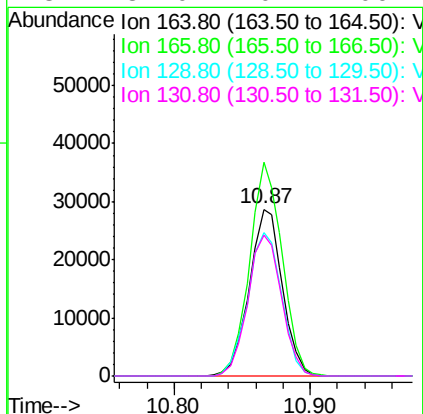
Instrument :
MSVOA_W
ClientSampleId :
VW0510SBS03

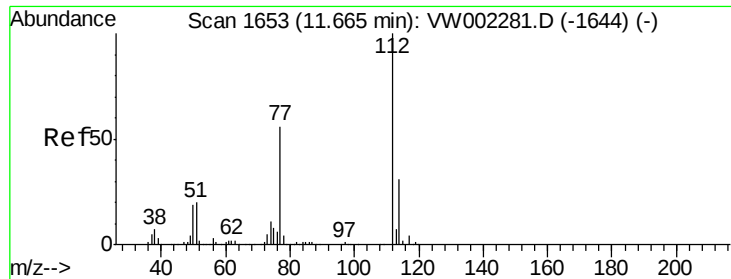
Tot Ion:117 Resp: 282029
Ion Ratio Lower Upper
117 100
82 54.3 42.6 63.8
119 32.1 25.2 37.8



#64
Tetrachloroethene
Concen: 22.56 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW002399.D
Acq: 11 May 2018 00:48

Tgt Ion:164 Resp: 48960
Ion Ratio Lower Upper
164 100
166 128.0 103.3 154.9
129 86.1 76.6 114.8
131 84.0 70.7 106.1

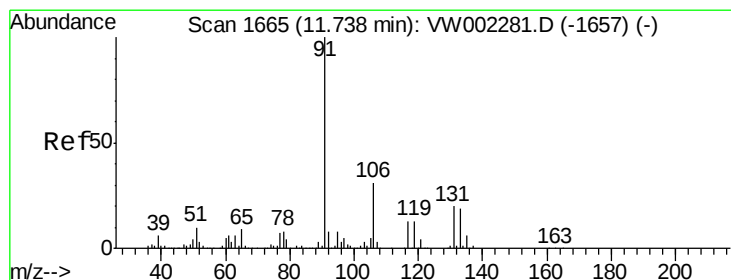
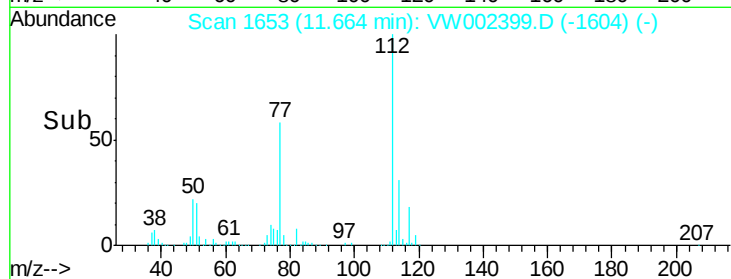
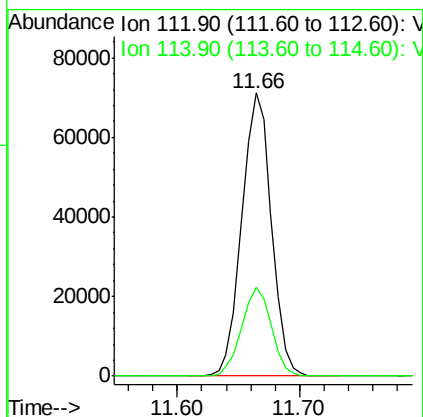
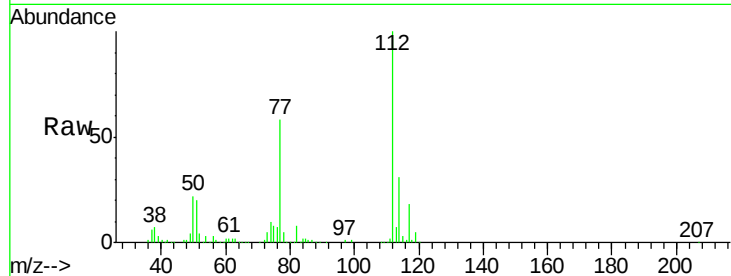




#65
Chlorobenzene
Concen: 20.72 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW002399.D
Acq: 11 May 2018 00:48

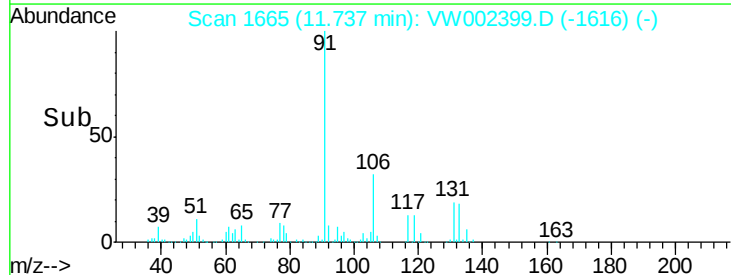
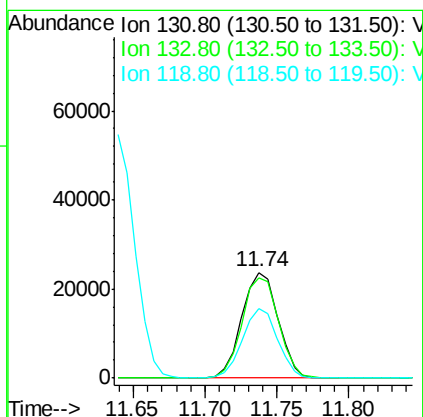
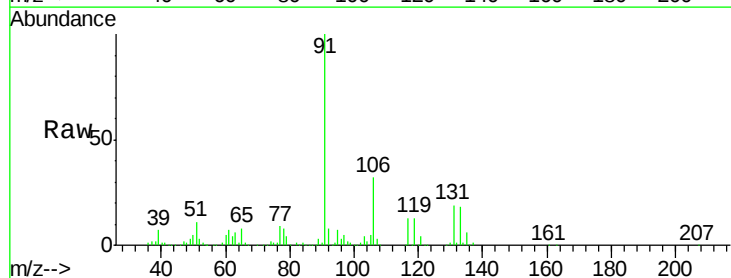
Instrument :
MSVOA_W
ClientSampleId :
VW0510SBS03

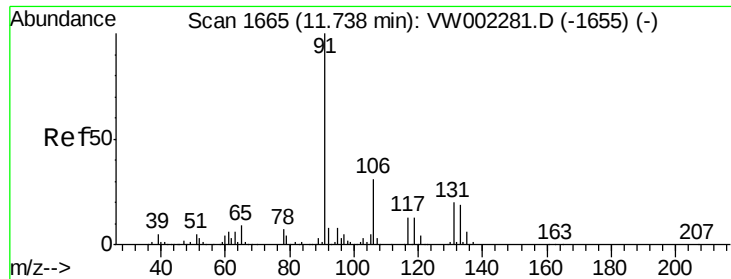
Tot Ion:112 Resp: 119423
Ion Ratio Lower Upper
112 100
114 31.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.18 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW002399.D
Acq: 11 May 2018 00:48

Tgt Ion:131 Resp: 41458
Ion Ratio Lower Upper
131 100
133 95.9 47.8 143.3
119 64.0 32.0 96.0

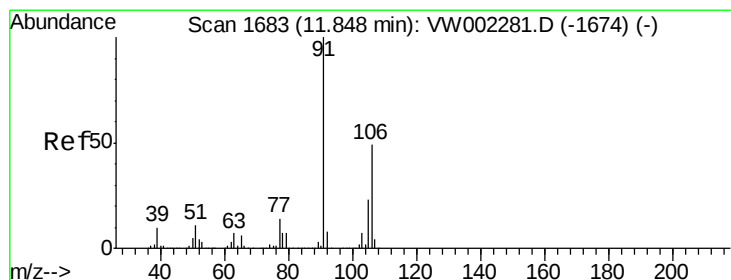
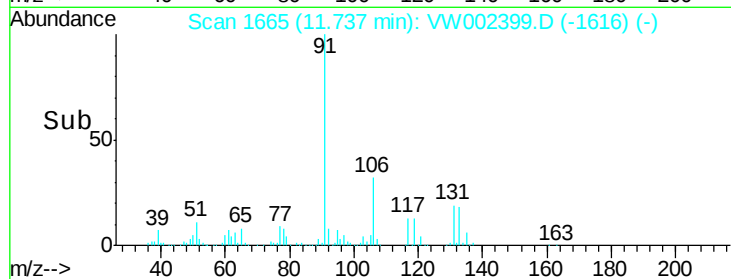
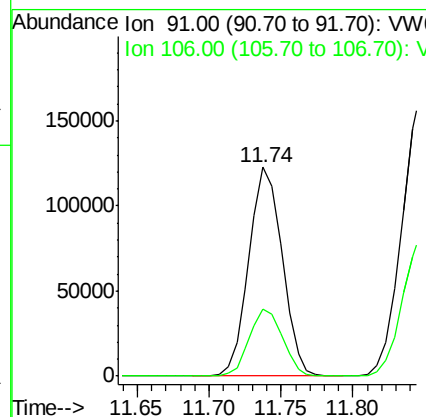
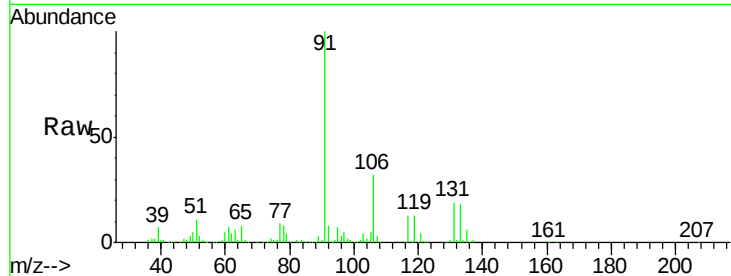




#67
Ethyl Benzene
Concen: 19.89 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW002399.D
Acq: 11 May 2018 00:48

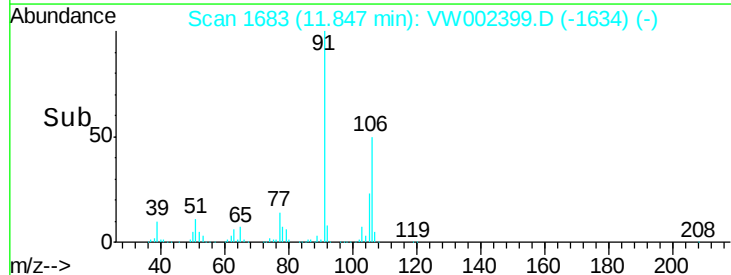
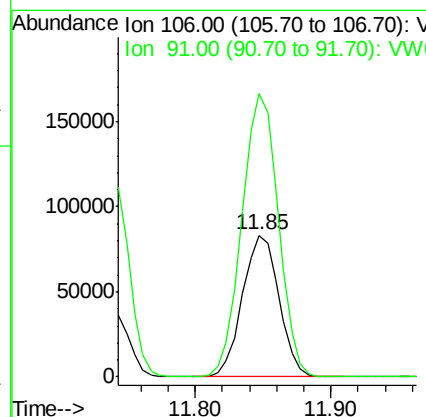
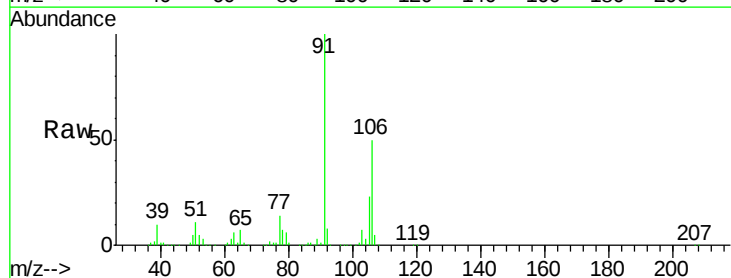
Instrument :
MSVOA_W
ClientSampleId :
VW0510SBS03

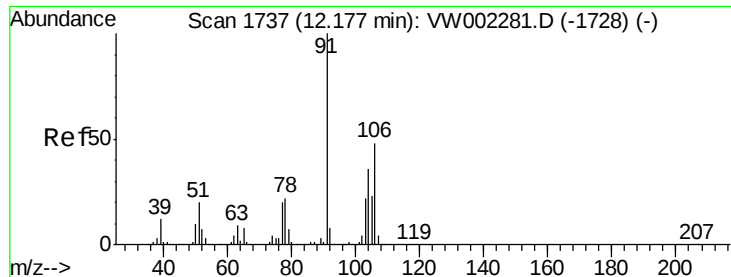
Tot Ion: 91 Resp: 197059
Ion Ratio Lower Upper
91 100
106 32.2 24.9 37.3



#68
m/p-Xylenes
Concen: 40.87 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW002399.D
Acq: 11 May 2018 00:48

Tgt Ion: 106 Resp: 156215
Ion Ratio Lower Upper
106 100
91 200.0 161.4 242.0

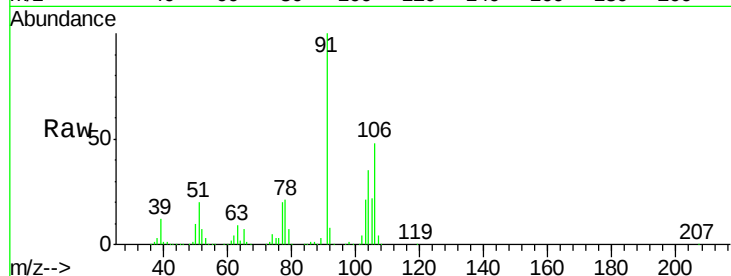




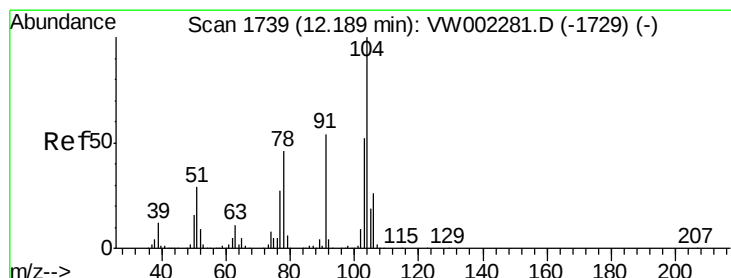
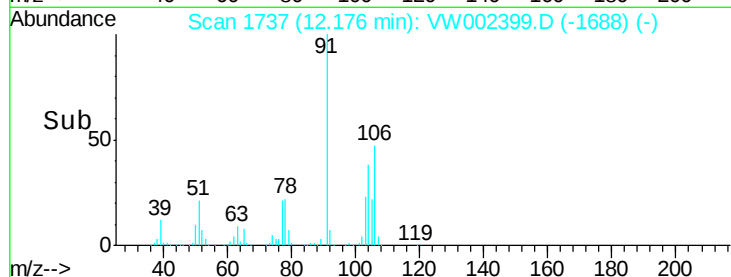
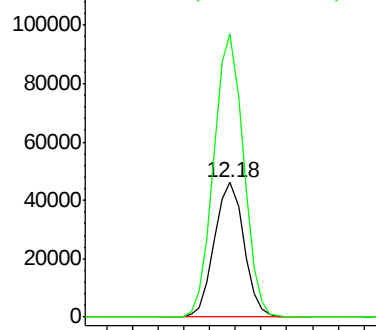
#69
o-Xylene
Concen: 20.14 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VW002399.D
Acq: 11 May 2018 00:48

Instrument :
MSVOA_W
ClientSampleId :
VW0510SBS03

Tot Ion:106 Resp: 73193
Ion Ratio Lower Upper
106 100
91 211.5 107.1 321.1

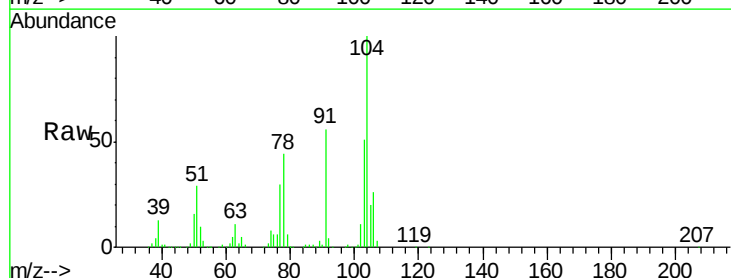


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

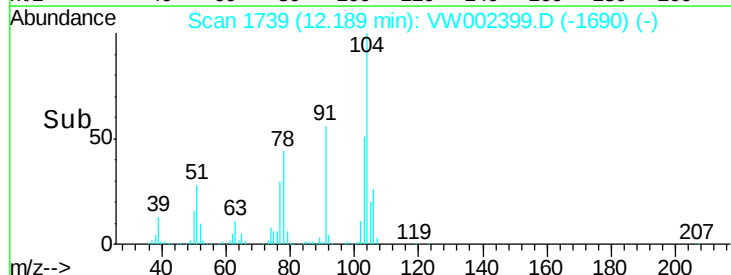
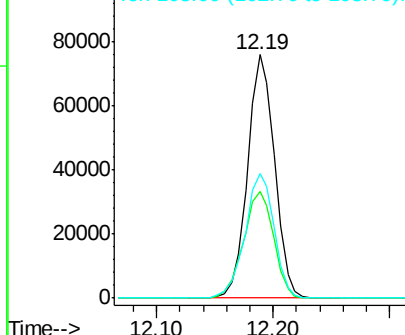


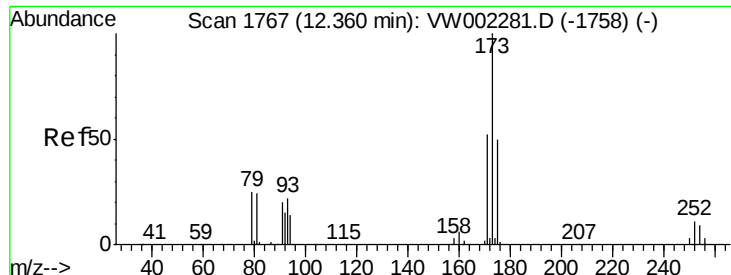
#70
Styrene
Concen: 20.37 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW002399.D
Acq: 11 May 2018 00:48

Tgt Ion:104 Resp: 122928
Ion Ratio Lower Upper
104 100
78 49.2 39.6 59.4
103 55.2 44.4 66.6



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

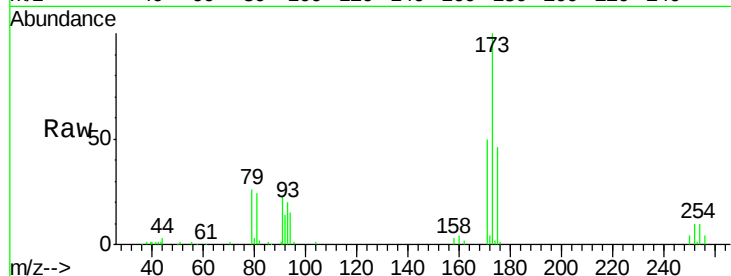




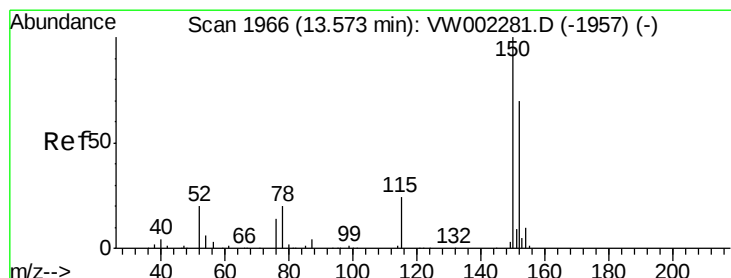
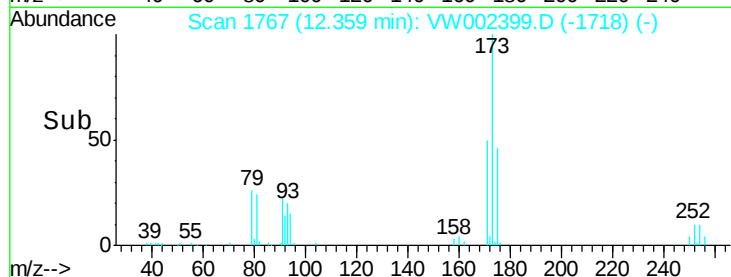
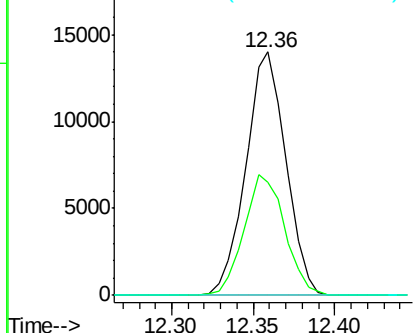
#71
Bromoform
Concen: 20.20 ug/l
RT: 12.36 min Scan# 1767
Delta R.T. -0.00 min
Lab File: VW002399.D
Acq: 11 May 2018 00:48

Instrument :
MSVOA_W
ClientSampleId :
VW0510SBS03

Tot Ion:173 Resp: 23796
Ion Ratio Lower Upper
173 100
175 50.6 24.3 72.9
254 0.0 0.1 0.1#

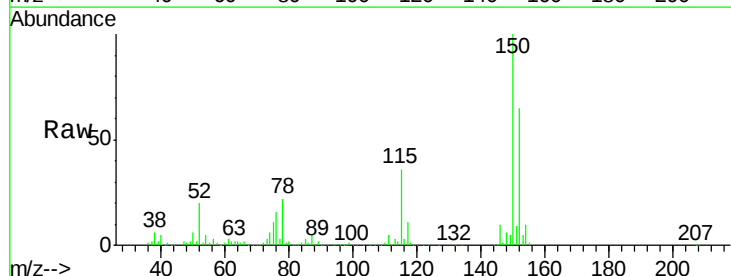


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

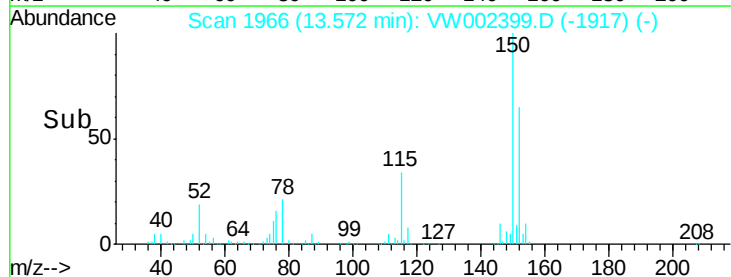
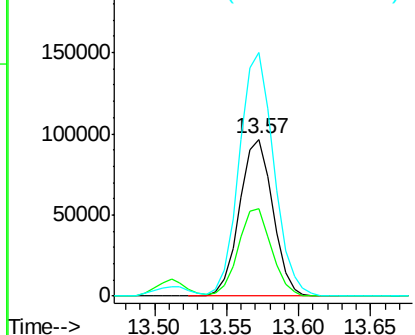


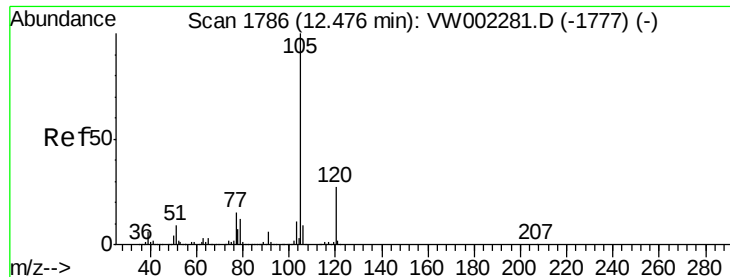
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. -0.00 min
Lab File: VW002399.D
Acq: 11 May 2018 00:48

Tgt Ion:152 Resp: 154870
Ion Ratio Lower Upper
152 100
115 55.8 28.5 85.5
150 161.0 0.0 342.6



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





#73

Isopropylbenzene

Concen: 19.98 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VW002399.D

Acq: 11 May 2018 00:48

Instrument :

MSVOA_W

ClientSampleId :

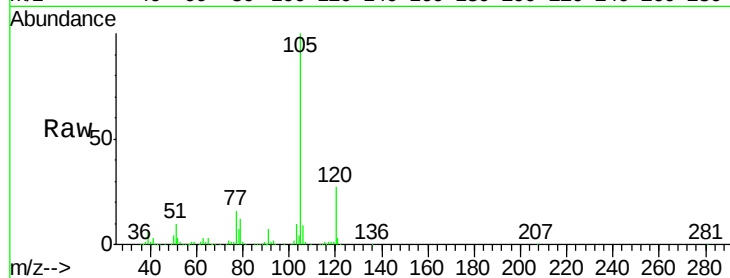
VW0510SBS03

Tot Ion:105 Resp: 200972

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

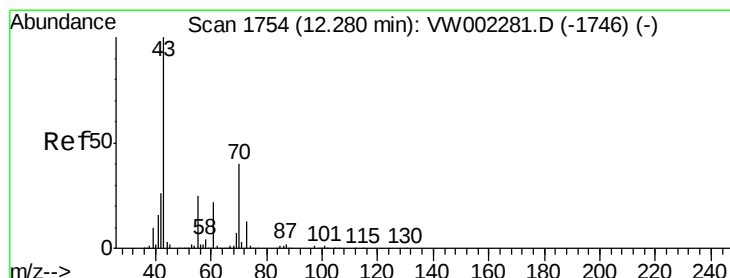
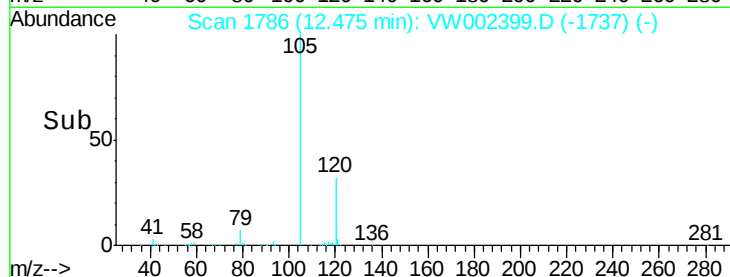
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 20.48 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW002399.D

Acq: 11 May 2018 00:48

Tgt Ion: 43 Resp: 51555

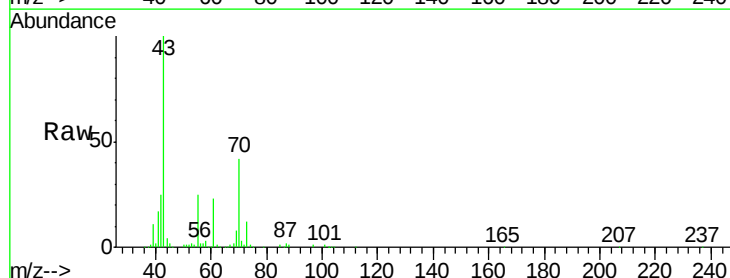
Ion Ratio Lower Upper

43 100

70 41.3 31.9 47.9

55 26.2 19.9 29.9

61 22.4 18.2 27.2



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

50000

40000

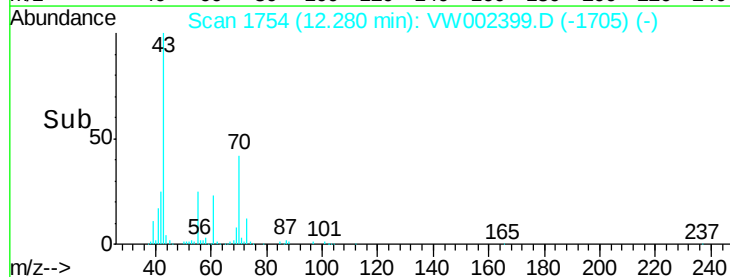
30000

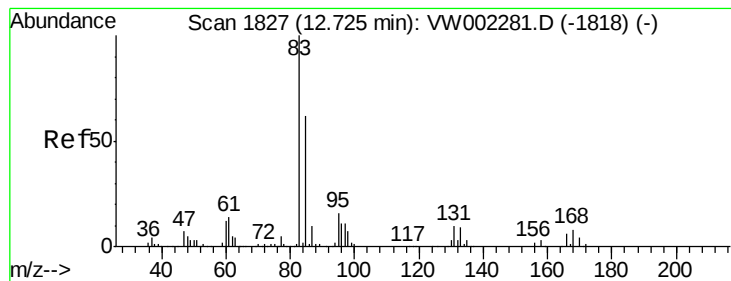
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.52 ug/l

RT: 12.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VW002399.D

Acq: 11 May 2018 00:48

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBS03

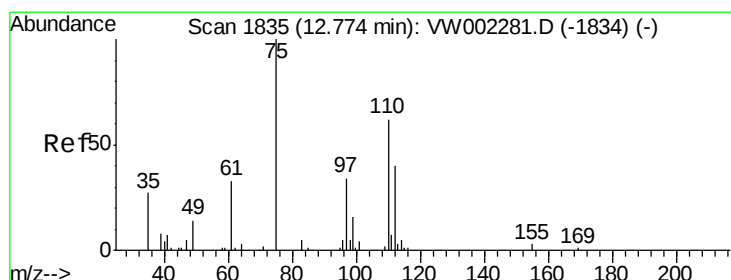
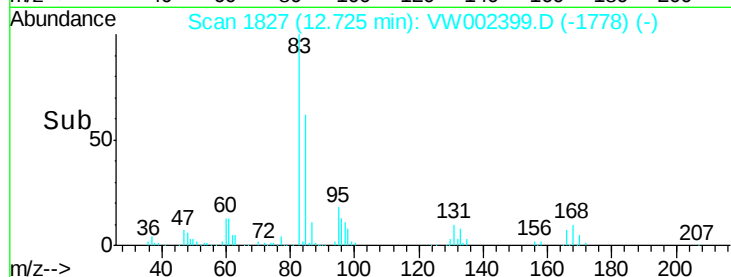
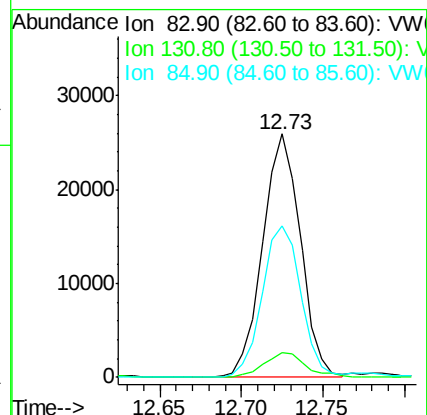
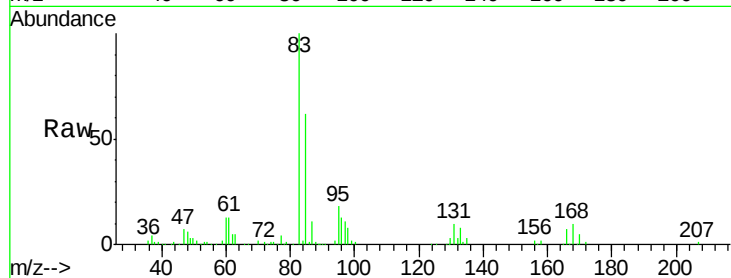
Tot Ion: 83 Resp: 41840

Ion Ratio Lower Upper

83 100

131 11.3 5.5 16.5

85 63.6 31.5 94.5



#76

1,2,3-Trichloropropane

Concen: 23.23 ug/l m

RT: 12.78 min Scan# 1836

Delta R.T. 0.01 min

Lab File: VW002399.D

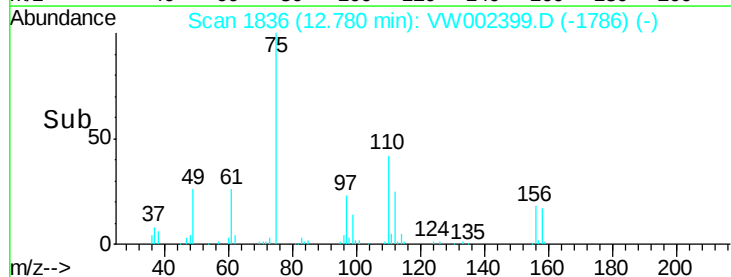
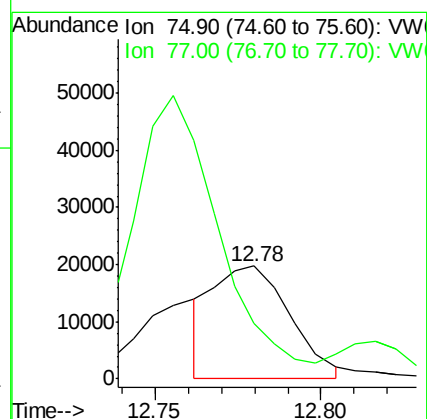
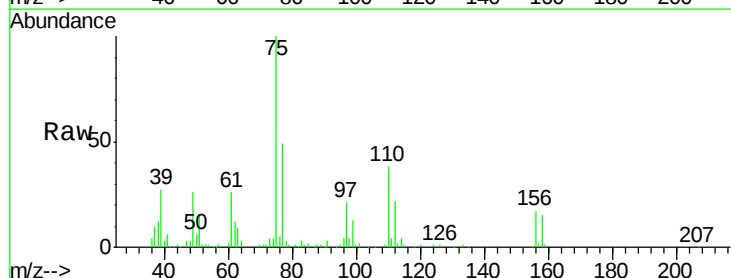
Acq: 11 May 2018 00:48

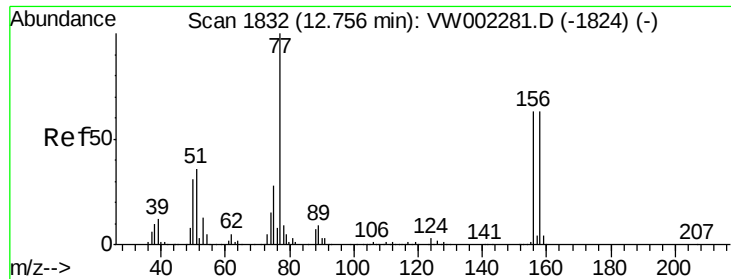
Tgt Ion: 75 Resp: 31907

Ion Ratio Lower Upper

75 100

77 0.0 187.5 562.6#





#77

Bromobenzene

Concen: 20.48 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VW002399.D

Acq: 11 May 2018 00:48

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBS03

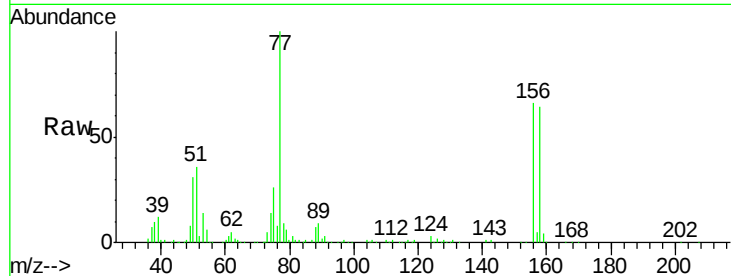
Tot Ion:156 Resp: 51930

Ion Ratio Lower Upper

156 100

77 175.9 87.7 263.1

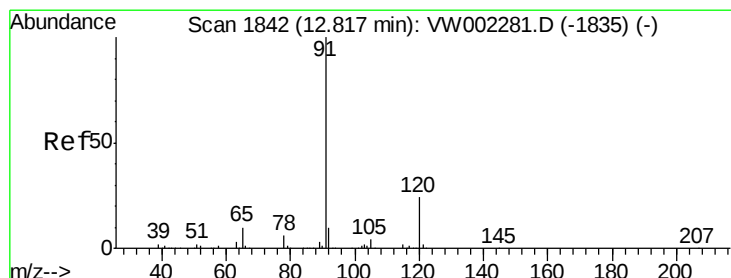
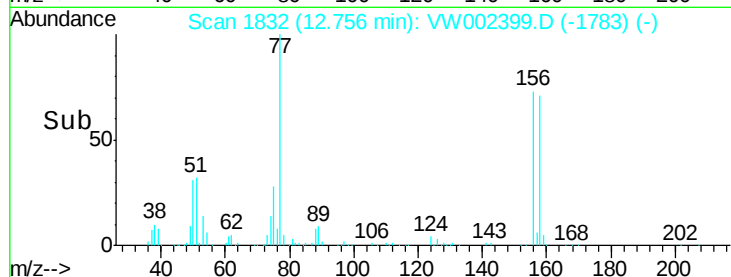
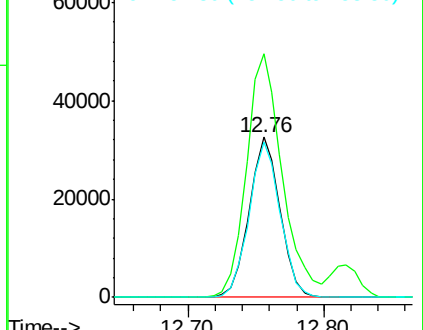
158 97.4 48.6 145.8



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: 20.38 ug/l

RT: 12.82 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VW002399.D

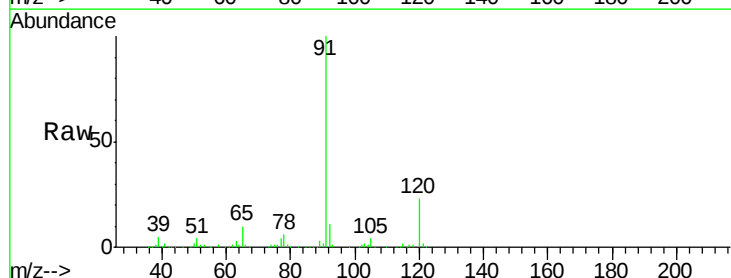
Acq: 11 May 2018 00:48

Tgt Ion: 91 Resp: 243077

Ion Ratio Lower Upper

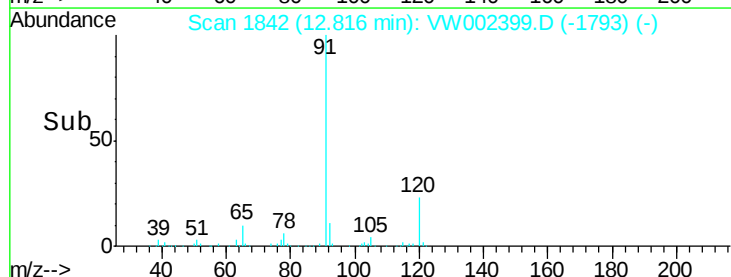
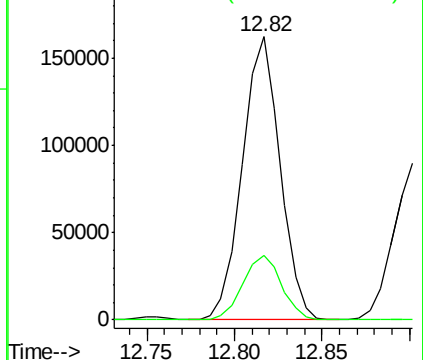
91 100

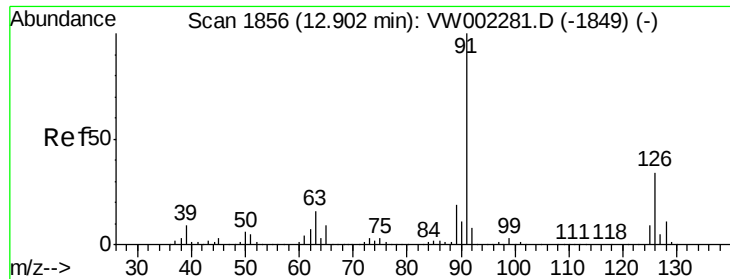
120 23.4 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

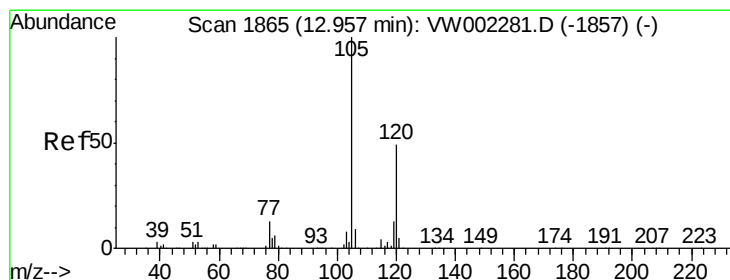
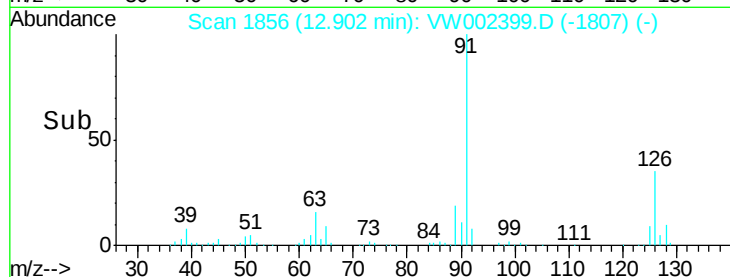
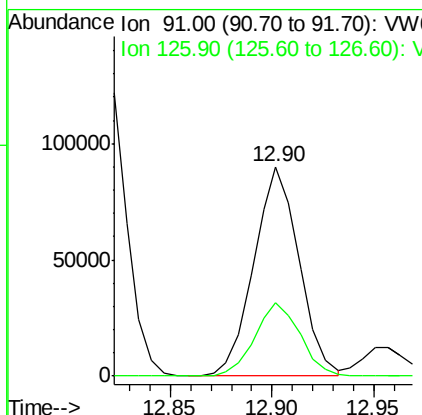
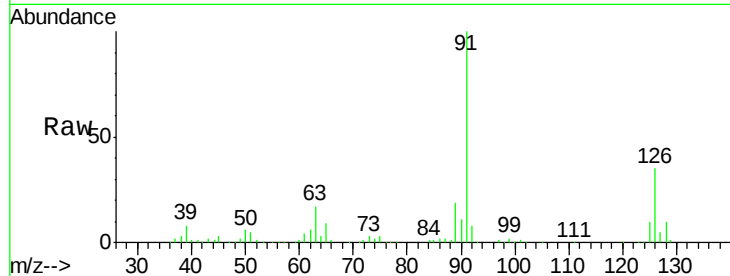




#79
 2-Chlorotoluene
 Concen: 20.11 ug/l
 RT: 12.90 min Scan# 1856
 Delta R.T. -0.00 min
 Lab File: VW002399.D
 Acq: 11 May 2018 00:48

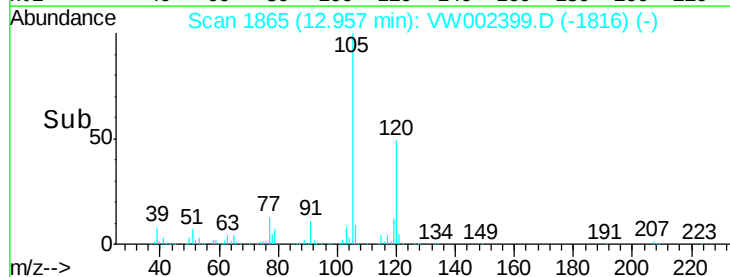
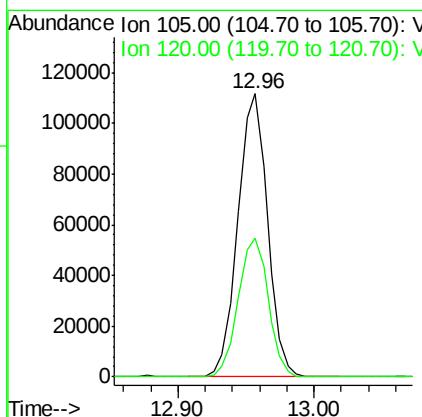
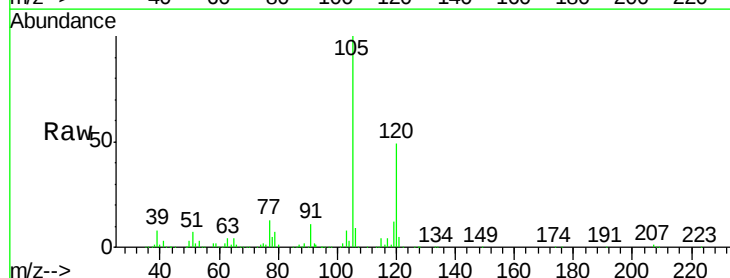
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBS03

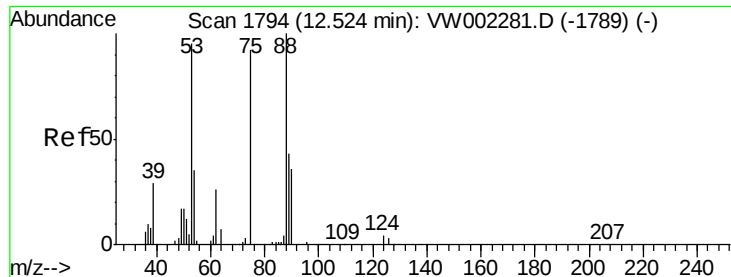
Tot Ion: 91 Resp: 138132
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.2 51.6



#80
 1,3,5-Trimethylbenzene
 Concen: 20.11 ug/l
 RT: 12.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VW002399.D
 Acq: 11 May 2018 00:48

Tgt Ion:105 Resp: 170156
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 20.16 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VW002399.D

Acq: 11 May 2018 00:48

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBS03

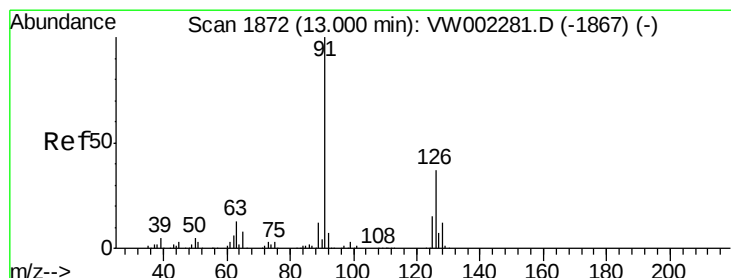
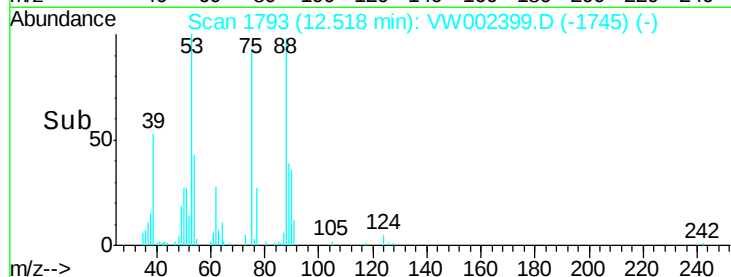
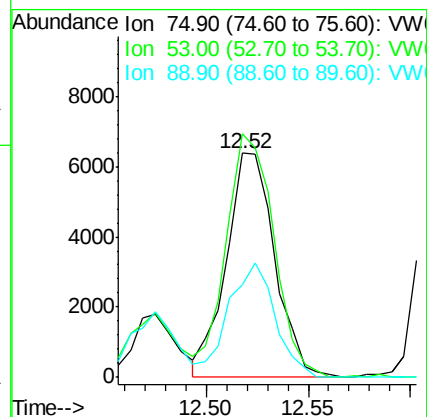
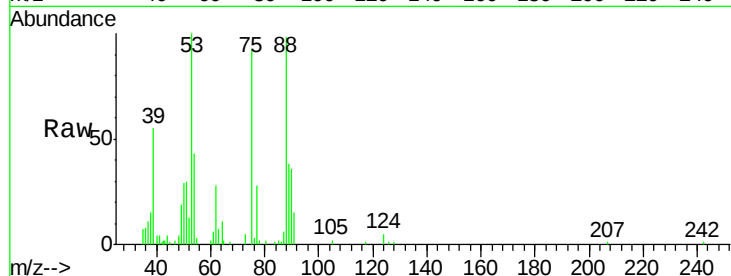
Tot Ion: 75 Resp: 10511

Ion Ratio Lower Upper

75 100

53 107.2 79.9 119.9

89 49.1 37.6 56.4



#82

4-Chlorotoluene

Concen: 20.25 ug/l

RT: 13.00 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VW002399.D

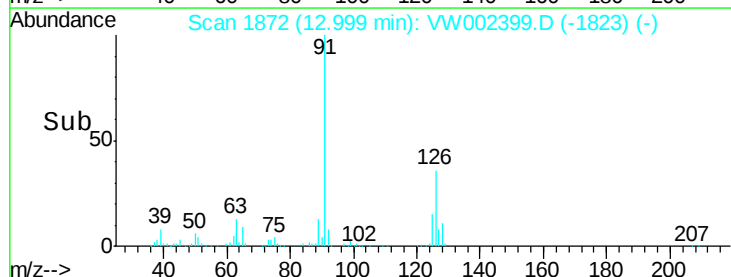
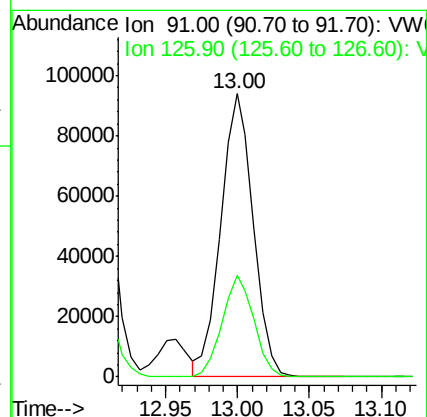
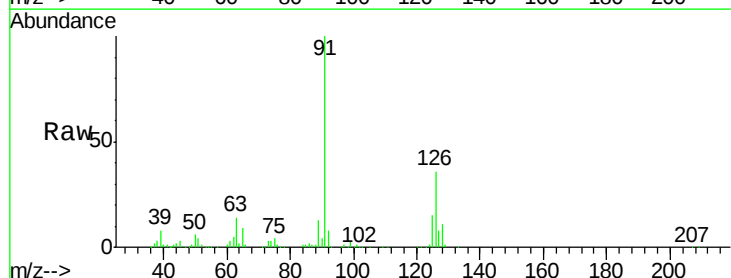
Acq: 11 May 2018 00:48

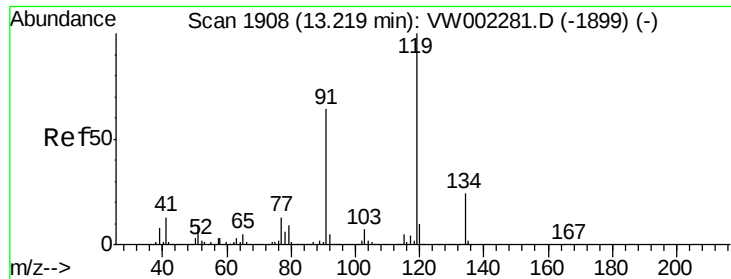
Tgt Ion: 91 Resp: 147870

Ion Ratio Lower Upper

91 100

126 35.1 17.4 52.3

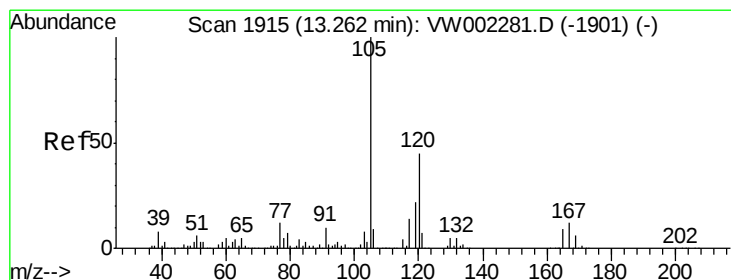
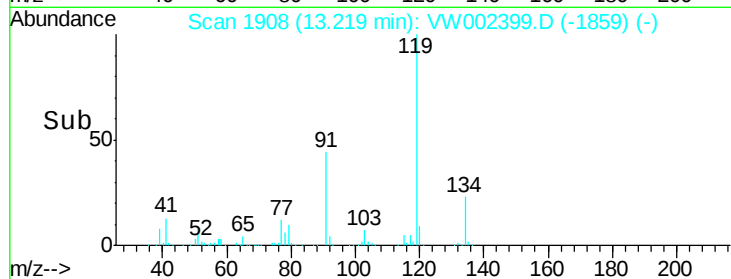
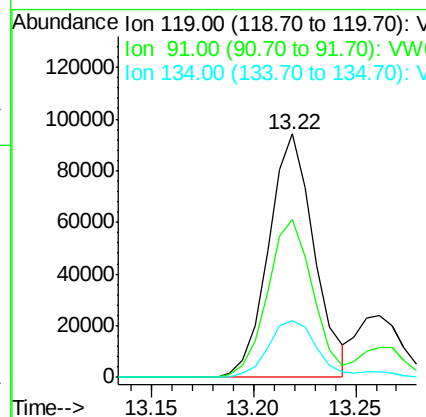
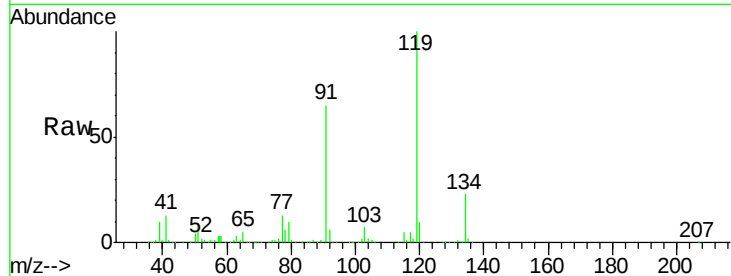




#83
 tert-Butylbenzene
 Concen: 20.17 ug/l
 RT: 13.22 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VW002399.D
 Acq: 11 May 2018 00:48

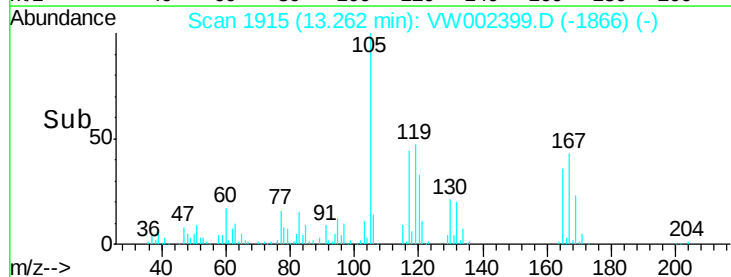
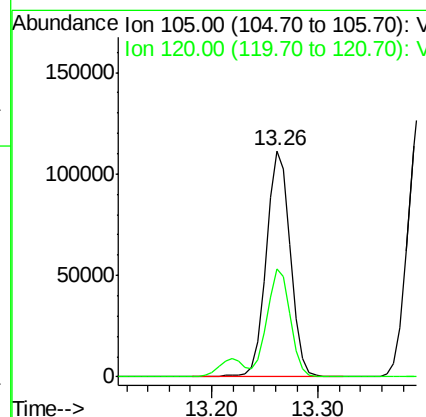
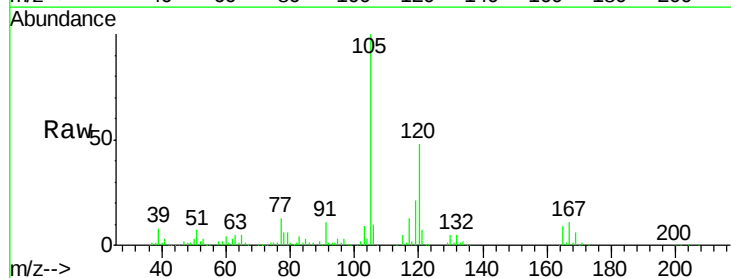
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBS03

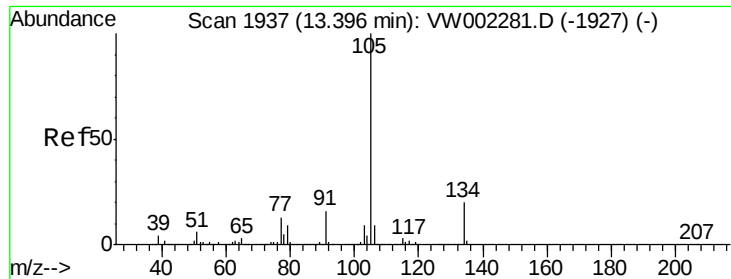
Tot Ion:119 Resp: 146947
 Ion Ratio Lower Upper
 119 100
 91 64.6 31.6 94.8
 134 26.1 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 20.10 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW002399.D
 Acq: 11 May 2018 00:48

Tgt Ion:105 Resp: 176302
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.5 67.5

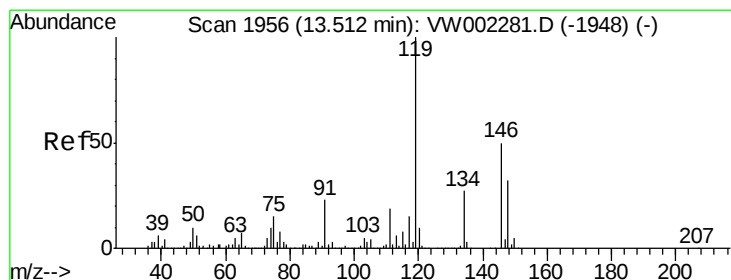
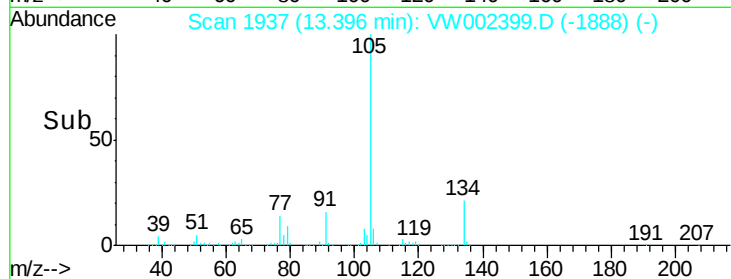
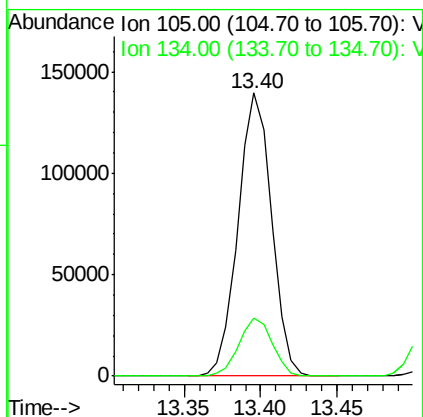
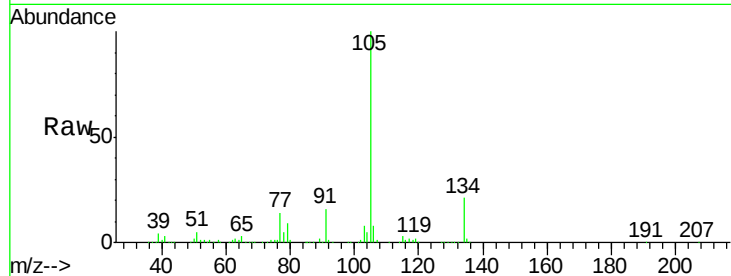




#85
 sec-Butylbenzene
 Concen: 20.40 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VW002399.D
 Acq: 11 May 2018 00:48

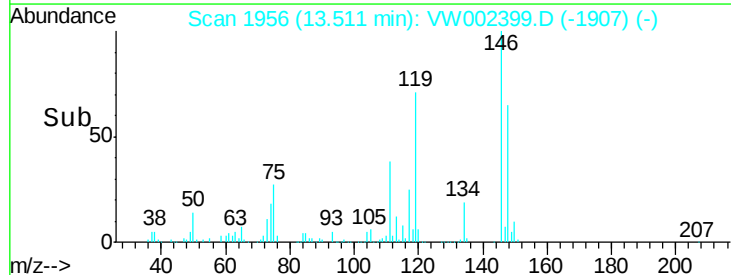
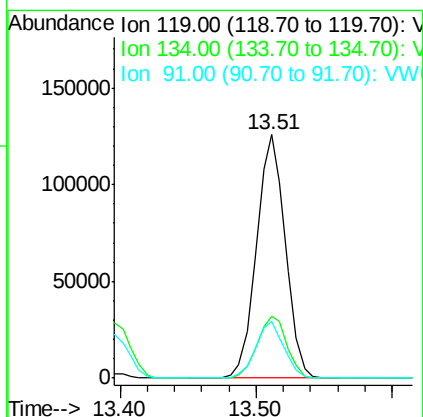
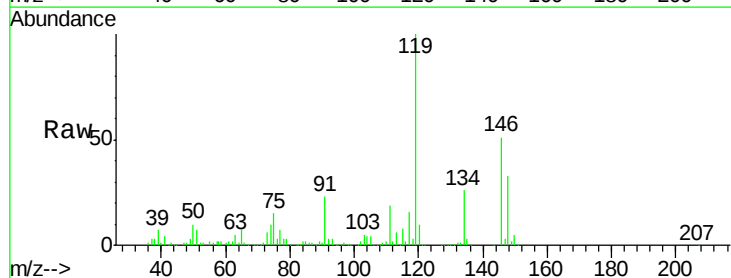
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBS03

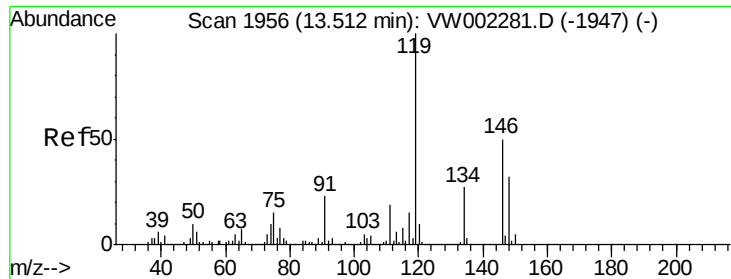
Tot Ion:105 Resp: 212220
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 20.12 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW002399.D
 Acq: 11 May 2018 00:48

Tgt Ion:119 Resp: 187126
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.9
 91 22.6 11.8 35.3

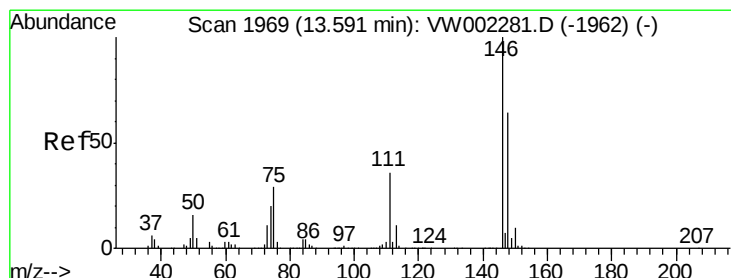
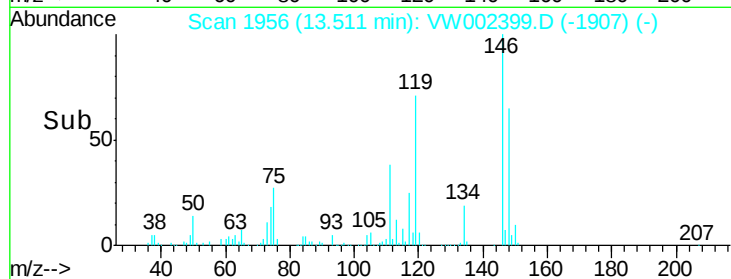
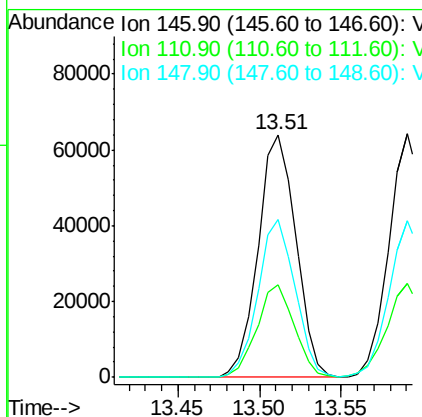
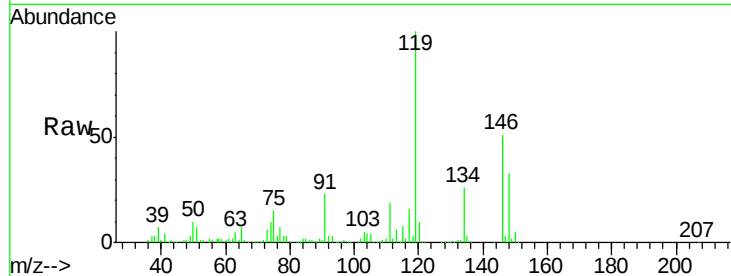




#87
 1,3-Dichlorobenzene
 Concen: 20.47 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW002399.D
 Acq: 11 May 2018 00:48

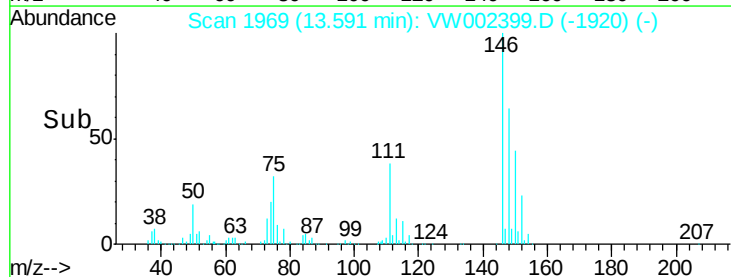
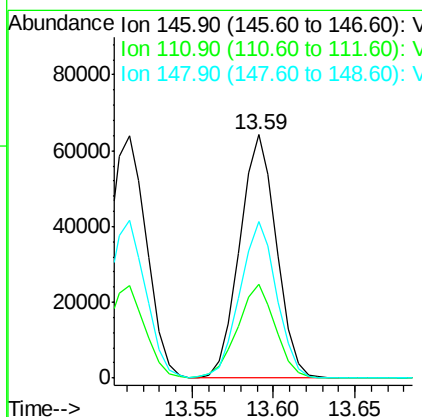
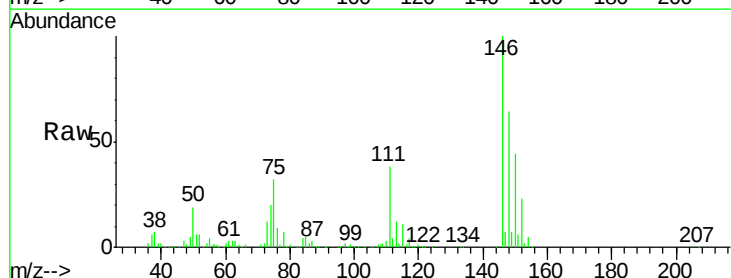
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBS03

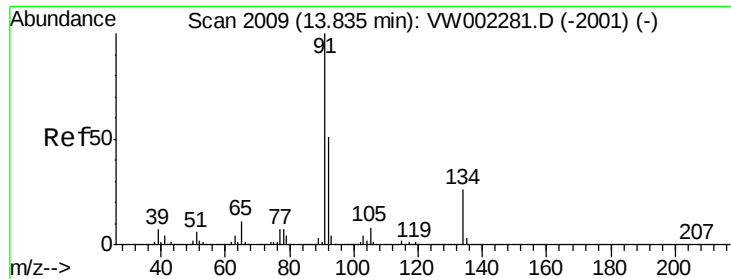
Tot Ion:146 Resp: 102765
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.3 57.8
 148 63.9 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 20.02 ug/l
 RT: 13.59 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VW002399.D
 Acq: 11 May 2018 00:48

Tgt Ion:146 Resp: 100344
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.0 57.0
 148 64.5 32.3 96.9





#89

n-Butylbenzene

Concen: 20.10 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. -0.00 min

Lab File: VW002399.D

Acq: 11 May 2018 00:48

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBS03

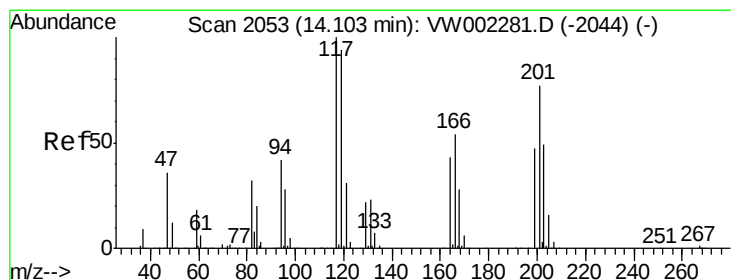
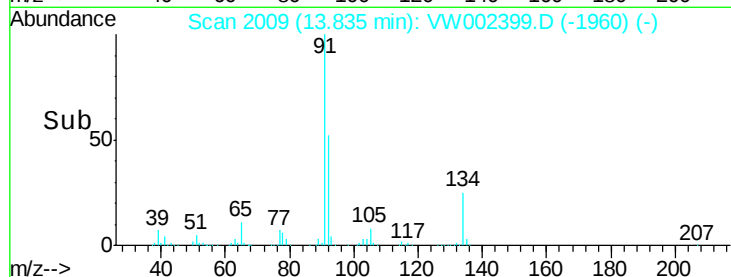
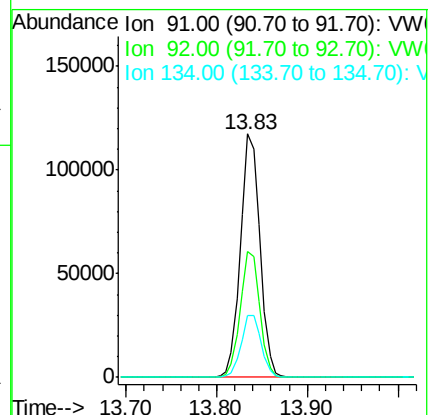
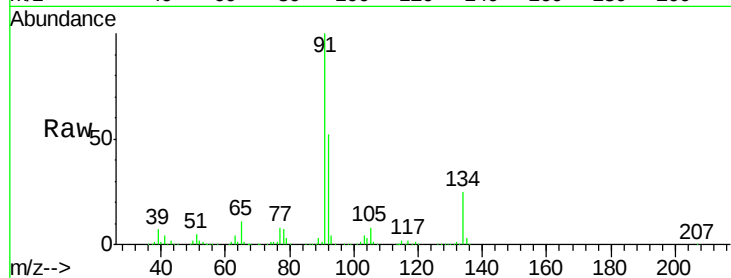
Tot Ion: 91 Resp: 174907

Ion Ratio Lower Upper

91 100

92 51.9 25.9 77.8

134 26.2 13.1 39.1



#90

Hexachloroethane

Concen: 20.13 ug/l

RT: 14.11 min Scan# 2054

Delta R.T. 0.01 min

Lab File: VW002399.D

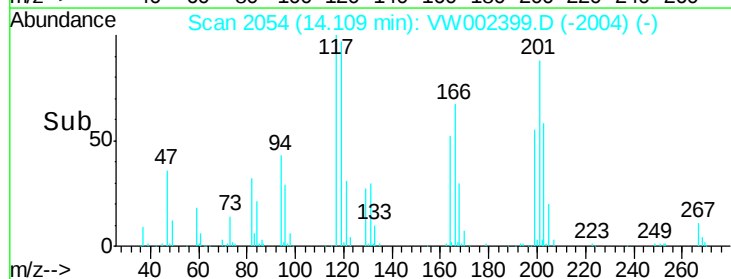
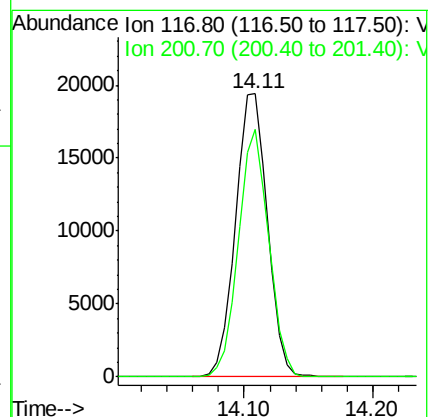
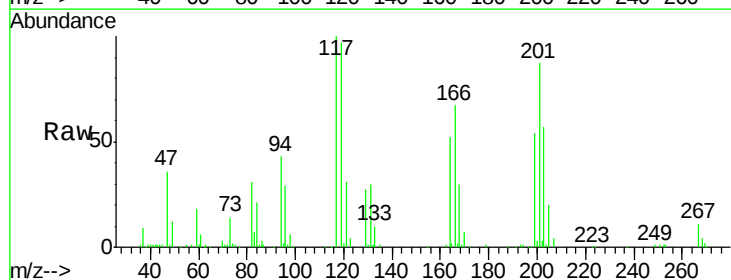
Acq: 11 May 2018 00:48

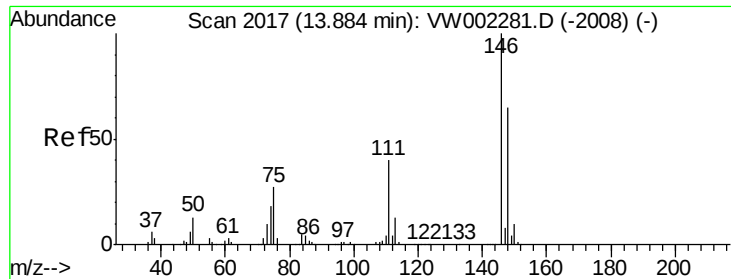
Tgt Ion: 117 Resp: 33483

Ion Ratio Lower Upper

117 100

201 82.6 42.2 126.6





#91

1,2-Dichlorobenzene

Concen: 20.51 ug/l

RT: 13.88 min Scan# 2017

Delta R.T. -0.00 min

Lab File: VW002399.D

Acq: 11 May 2018 00:48

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBS03

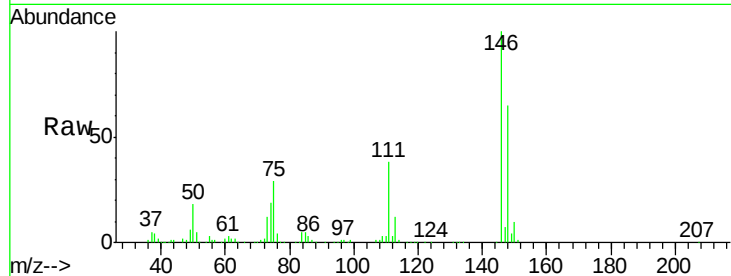
Tot Ion:146 Resp: 93389

Ion Ratio Lower Upper

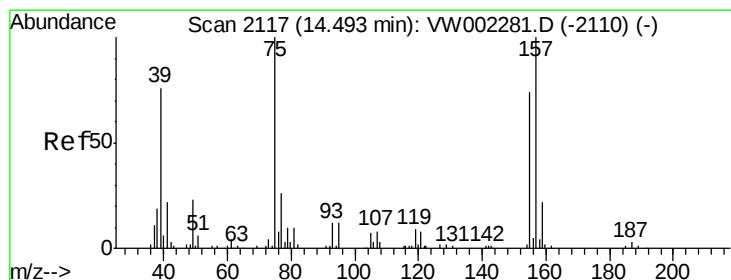
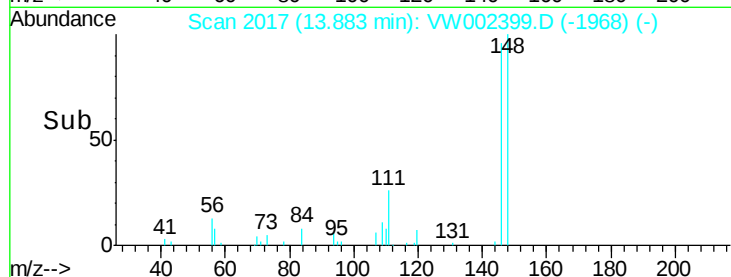
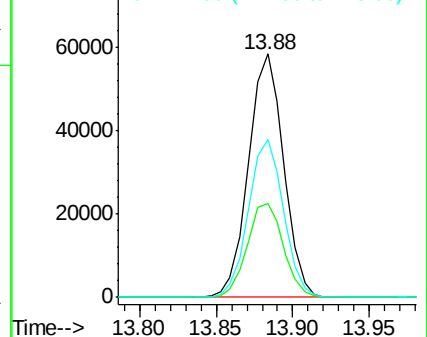
146 100

111 39.5 20.0 59.9

148 64.6 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.27 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VW002399.D

Acq: 11 May 2018 00:48

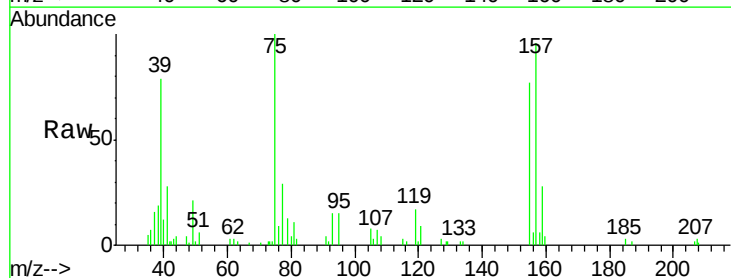
Tgt Ion: 75 Resp: 7149

Ion Ratio Lower Upper

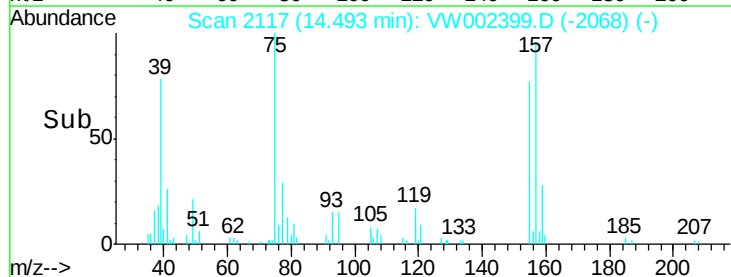
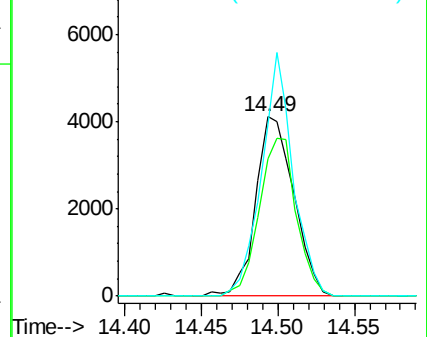
75 100

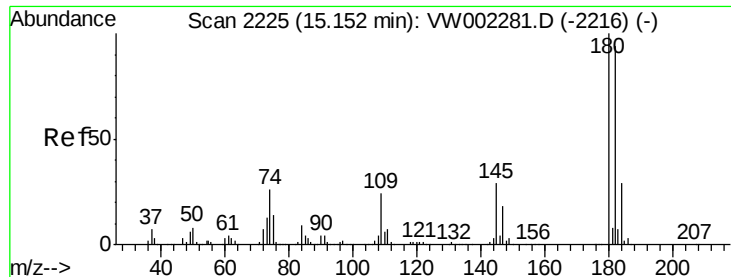
155 85.6 43.3 129.8

157 112.2 55.8 167.4



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

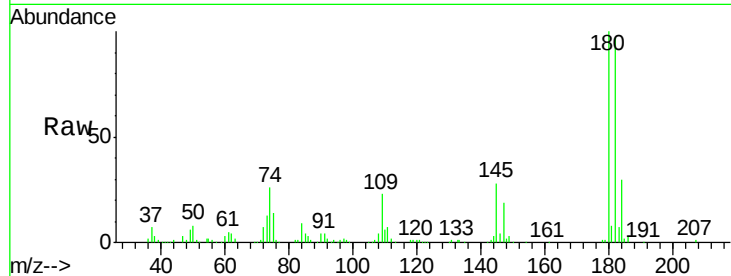




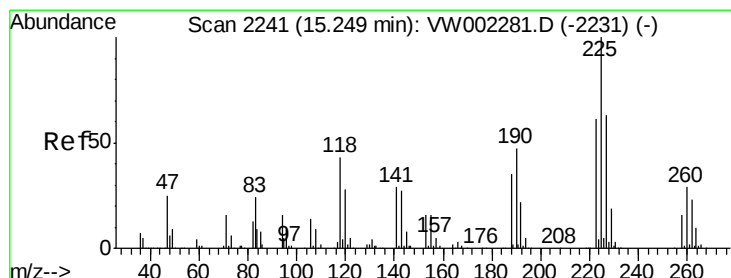
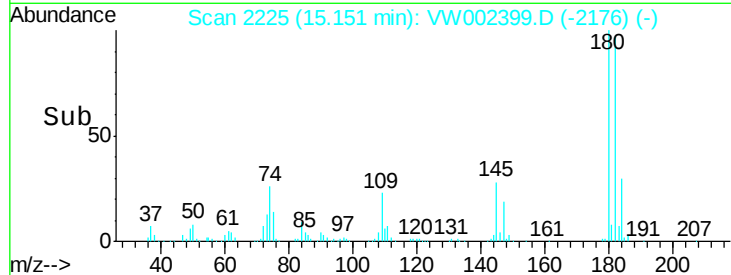
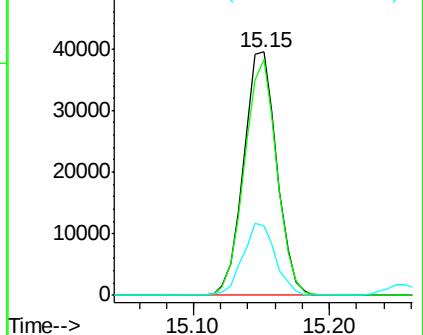
#93
 1,2,4-Trichlorobenzene
 Concen: 20.65 ug/l
 RT: 15.15 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: VW002399.D
 Acq: 11 May 2018 00:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBS03

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.3	141.8
145	29.0	14.5	43.6

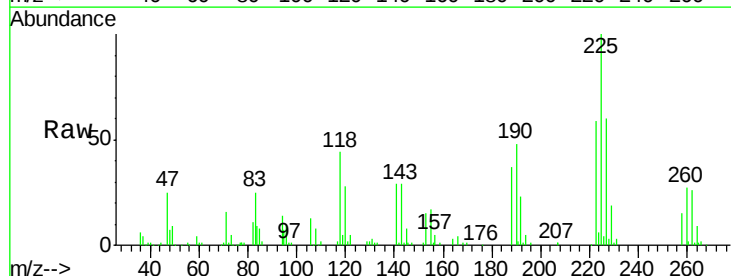


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

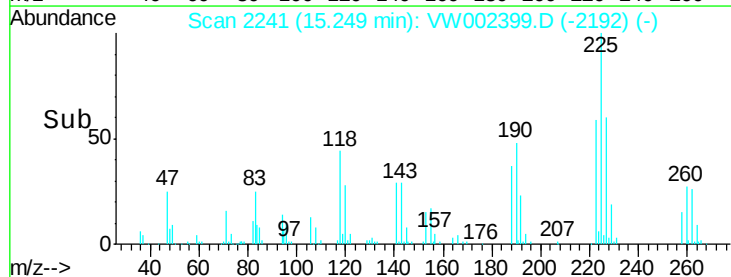
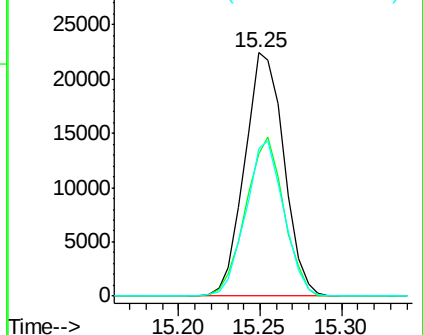


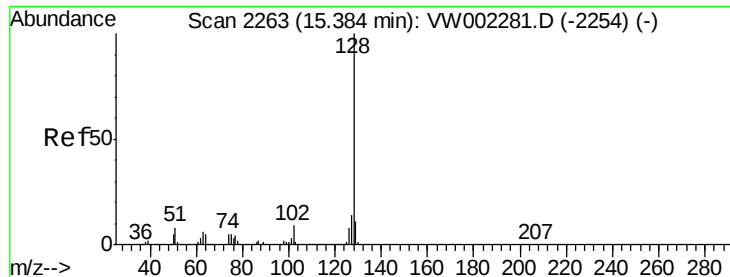
#94
 Hexachlorobutadiene
 Concen: 20.75 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: VW002399.D
 Acq: 11 May 2018 00:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	30.9	92.7
227	61.7	32.0	96.0



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





#95

Naphthalene

Concen: 21.16 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VW002399.D

Acq: 11 May 2018 00:48

Instrument :

MSVOA_W

ClientSampleId :

VW0510SBS03

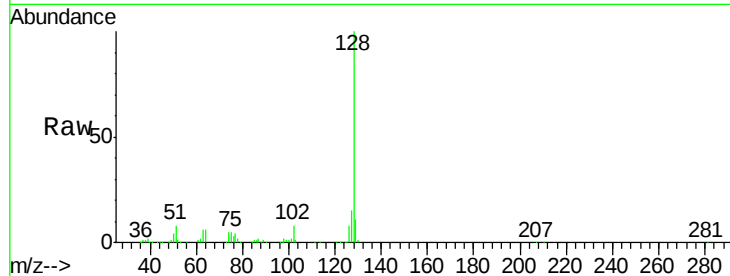
Tot Ion:128 Resp: 126637

Ion Ratio Lower Upper

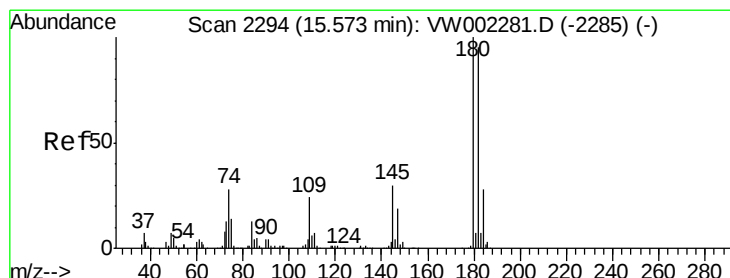
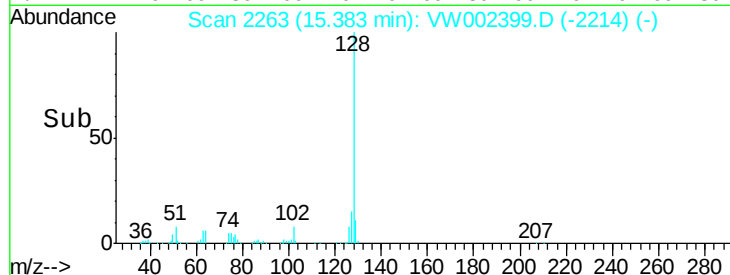
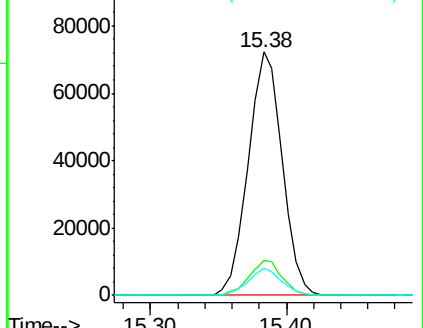
128 100

127 14.2 11.0 16.4

129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.03 ug/l

RT: 15.57 min Scan# 2294

Delta R.T. -0.00 min

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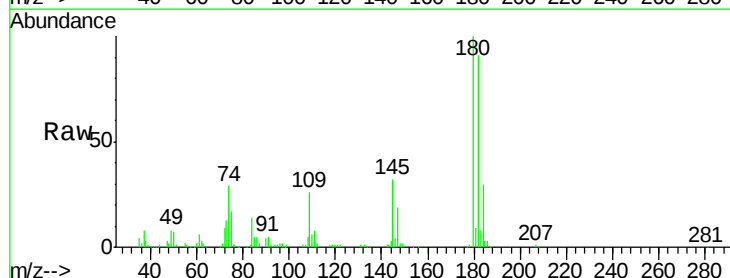
Tgt Ion:180 Resp: 61390

Ion Ratio Lower Upper

180 100

182 93.6 48.0 144.0

145 30.5 15.7 47.0



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

