

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062818\
 Data File : VW003632.D
 Acq On : 28 Jun 2018 12:31
 Operator : SY/AP
 Sample : VW0628SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 29 06:42:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	220847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	336862	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	310993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	167638	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	121983	50.99	ug/l	0.00
Spiked Amount			Recovery	=	101.98%	
35) Dibromofluoromethane	7.88	113	109705	52.41	ug/l	0.00
Spiked Amount			Recovery	=	104.82%	
50) Toluene-d8	10.33	98	442424	53.31	ug/l	0.00
Spiked Amount			Recovery	=	106.62%	
62) 4-Bromofluorobenzene	12.62	95	158599	54.00	ug/l	0.00
Spiked Amount			Recovery	=	108.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	16414	24.584	ug/l	91
3) Chloromethane	2.21	50	34879	20.676	ug/l	95
4) Vinyl Chloride	2.36	62	51288	20.855	ug/l	99
5) Bromomethane	2.79	94	31906	19.520	ug/l	93
6) Chloroethane	2.92	64	35125	20.519	ug/l	98
7) Trichlorofluoromethane	3.25	101	32478	22.045	ug/l	98
8) Diethyl Ether	3.68	74	23038	21.287	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	45460	22.221	ug/l	98
10) Methyl Iodide	4.26	142	66416	21.466	ug/l	99
11) Tert butyl alcohol	5.26	59	13037	101.620	ug/l #	93
12) 1,1-Dichloroethene	4.03	96	43805	21.911	ug/l	94
13) Acrolein	3.90	56	11652	63.526	ug/l	97
14) Allyl chloride	4.66	41	74839	21.611	ug/l	99
15) Acrylonitrile	5.38	53	47574	106.840	ug/l	97
16) Acetone	4.15	43	56015	111.651	ug/l	94
17) Carbon Disulfide	4.37	76	126704	21.437	ug/l	96
18) Methyl Acetate	4.68	43	24560	20.636	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	77674	20.744	ug/l	98
20) Methylene Chloride	4.91	84	50343	21.532	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	47843	21.989	ug/l	94
22) Diisopropyl ether	6.31	45	153396	22.009	ug/l	95
23) Vinyl Acetate	6.26	43	422894	105.294	ug/l	100
24) 1,1-Dichloroethane	6.21	63	92775	22.423	ug/l	98
25) 2-Butanone	7.18	43	67392	108.026	ug/l	97
26) 2,2-Dichloropropane	7.17	77	61350	22.218	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	51697	21.629	ug/l	98
28) Bromochloromethane	7.51	49	33321	19.353	ug/l	98
29) Tetrahydrofuran	7.54	42	38451	100.849	ug/l	99
30) Chloroform	7.68	83	95004	22.538	ug/l	99
31) Cyclohexane	7.96	56	83484	21.598	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	78198	22.475	ug/l	98
36) 1,1-Dichloropropene	8.09	75	75231	23.125	ug/l	99
37) Ethyl Acetate	7.26	43	28996	21.515	ug/l	99
38) Carbon Tetrachloride	8.07	117	72709	22.785	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	83666	22.227	ug/l	96
40) Benzene	8.32	78	207047	23.089	ug/l	97
41) Methacrylonitrile	7.49	41	19069	23.057	ug/l	92
42) 1,2-Dichloroethane	8.40	62	63326	22.540	ug/l	99
43) Isopropyl Acetate	8.43	43	55404	20.703	ug/l	98
44) Trichloroethene	9.09	130	53564	22.543	ug/l	96
45) 1,2-Dichloropropane	9.37	63	51880	22.723	ug/l	100
46) Dibromomethane	9.46	93	25623	21.920	ug/l	98
47) Bromodichloromethane	9.65	83	66770	22.284	ug/l	98
48) Methyl methacrylate	9.44	41	27101	21.549	ug/l	97
49) 1,4-Dioxane	9.49	88	7412	419.949	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	143080	104.927	ug/l	99
52) Toluene	10.39	92	130991	22.780	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	66659	21.778	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	76935	22.084	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	36751	22.311	ug/l	96
56) Ethyl methacrylate	10.65	69	40281	20.138	ug/l	97
57) 1,3-Dichloropropane	10.94	76	62929	22.151	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	95089	106.047	ug/l	98
59) 2-Hexanone	10.98	43	105273	110.511	ug/l	98
60) Dibromochloromethane	11.13	129	42963	21.932	ug/l	99
61) 1,2-Dibromoethane	11.24	107	34134	21.907	ug/l	98
64) Tetrachloroethene	10.87	164	45904	22.068	ug/l	98
65) Chlorobenzene	11.66	112	143163	22.106	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	48975	21.519	ug/l	98
67) Ethyl Benzene	11.74	91	254056	22.131	ug/l	99
68) m/p-Xylenes	11.85	106	196362	44.997	ug/l	100
69) o-Xylene	12.17	106	88480	21.877	ug/l	98
70) Styrene	12.19	104	150851	22.409	ug/l	99
71) Bromoform	12.35	173	24440	20.721	ug/l #	99
73) Isopropylbenzene	12.47	105	252803	21.681	ug/l	99
74) N-amyl acetate	12.28	43	53715	20.240	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	42487	21.538	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	56085	39.135	ug/l #	100
77) Bromobenzene	12.76	156	58943	21.706	ug/l	98
78) n-propylbenzene	12.81	91	321537	22.521	ug/l	99
79) 2-Chlorotoluene	12.90	91	177624	22.015	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	218712	22.347	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	12326	19.791	ug/l	93
82) 4-Chlorotoluene	12.99	91	190429	22.249	ug/l	100
83) tert-Butylbenzene	13.21	119	181936	21.813	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	225364	22.385	ug/l	100
85) sec-Butylbenzene	13.39	105	276944	22.338	ug/l	100
86) p-Isopropyltoluene	13.51	119	243129	22.235	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	123873	22.206	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	122368	22.065	ug/l	98
89) n-Butylbenzene	13.84	91	239140	22.436	ug/l	99
90) Hexachloroethane	14.10	117	43481	21.982	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	108659	22.237	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7076	21.316	ug/l	97

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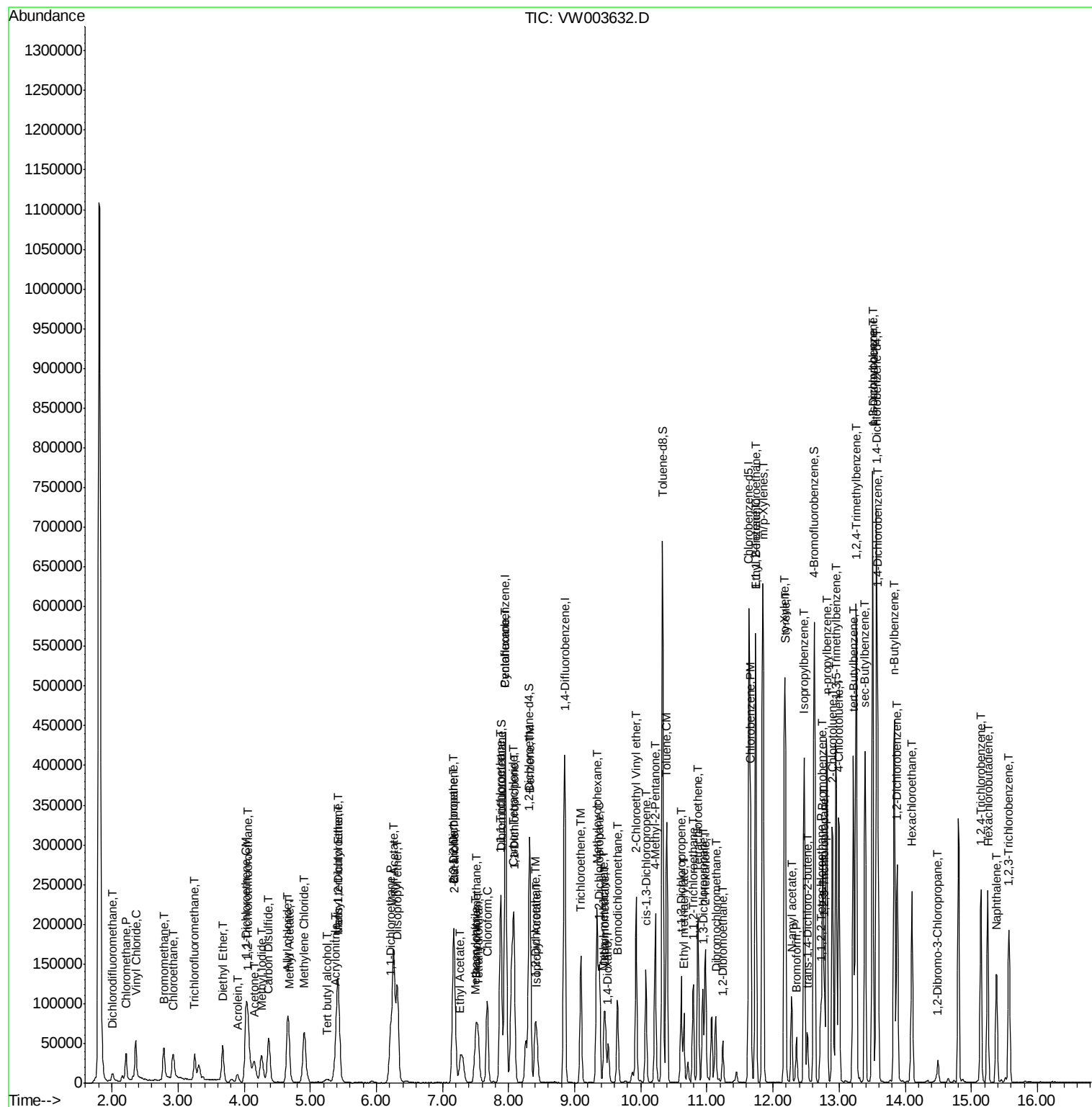
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	76074	22.177	ug/l	98
94) Hexachlorobutadiene	15.25	225	45890	22.239	ug/l	98
95) Naphthalene	15.38	128	118709	20.400	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	64581	21.388	ug/l	100

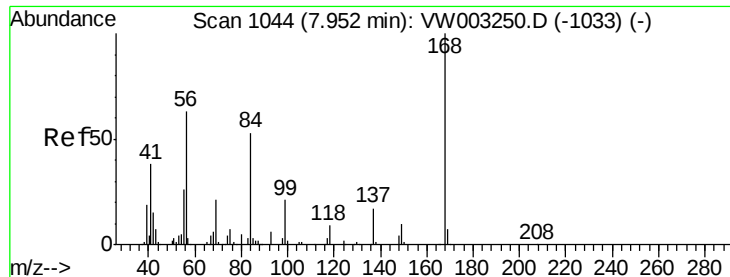
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062818\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Instrument :

MSVOA_W

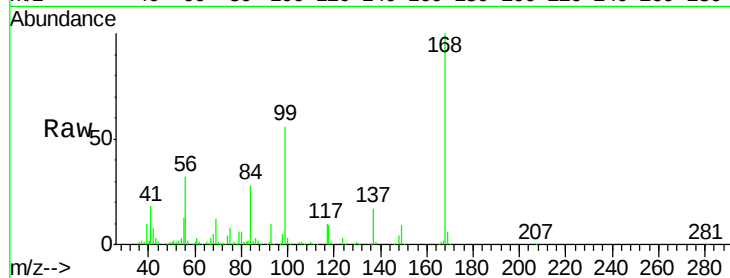
ClientSampleId :

Tot Ion:168 Resp: 220847

Ion Ratio Lower Upper

168 100

99 56.5 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

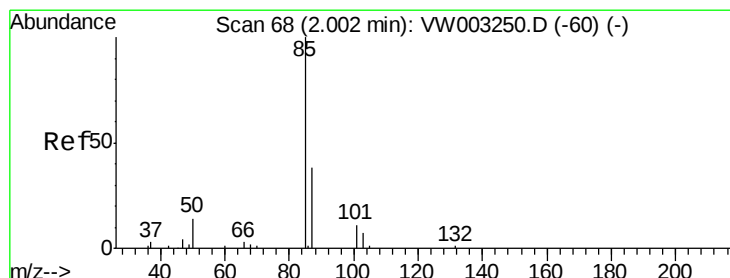
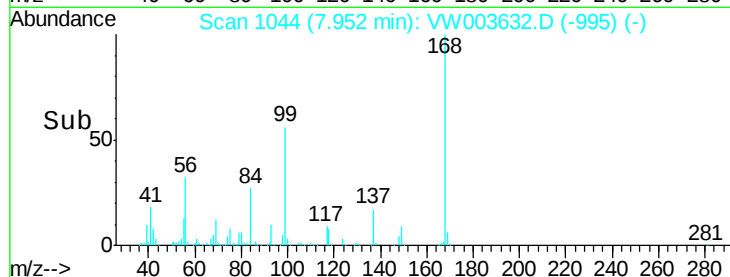
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 24.584 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW003632.D

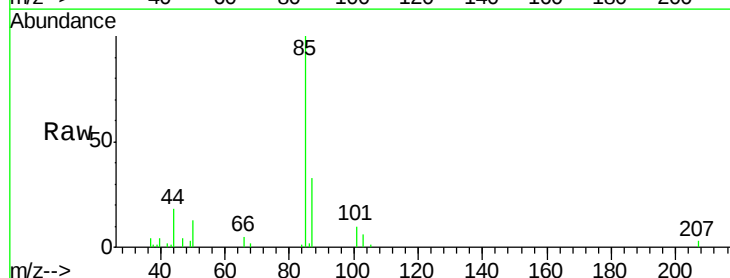
Acq: 28 Jun 2018 12:31

Tgt Ion: 85 Resp: 16414

Ion Ratio Lower Upper

85 100

87 32.6 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

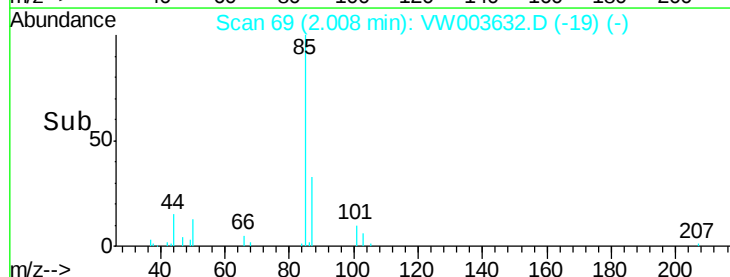
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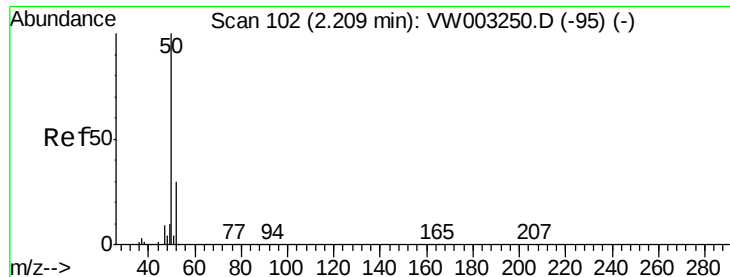
4000

2000

0

Time-->





#3

Chloromethane

Concen: 20.676 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Instrument :

MSVOA_W

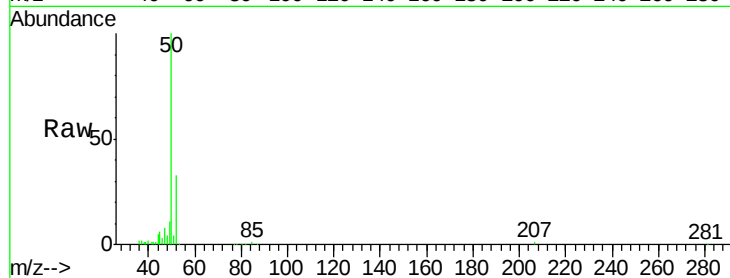
ClientSampleId :

Tot Ion: 50 Resp: 34879

Ion Ratio Lower Upper

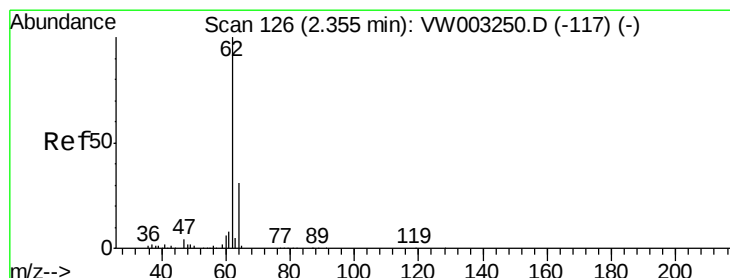
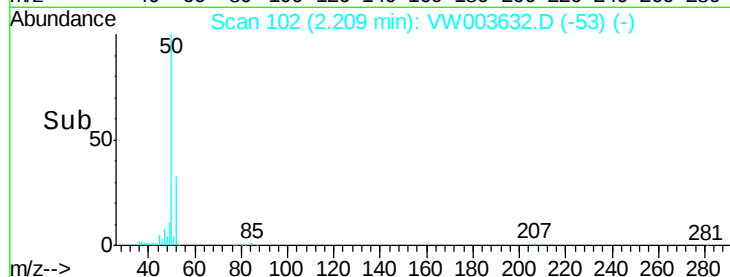
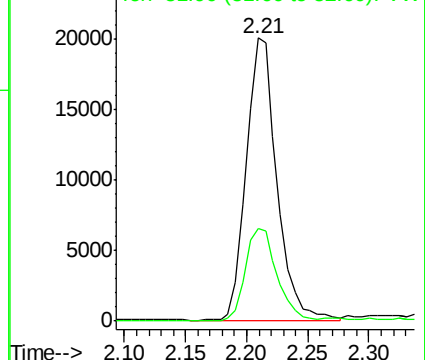
50 100

52 32.7 24.2 36.2



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 20.855 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.01 min

Lab File: VW003632.D

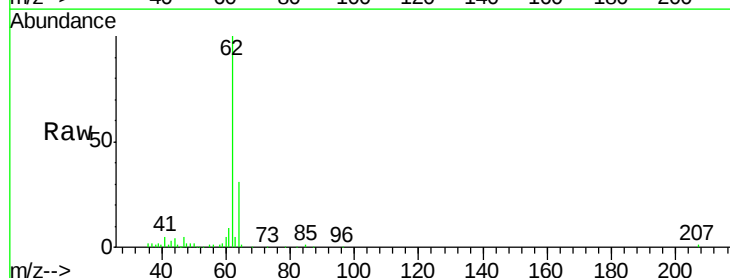
Acq: 28 Jun 2018 12:31

Tgt Ion: 62 Resp: 51288

Ion Ratio Lower Upper

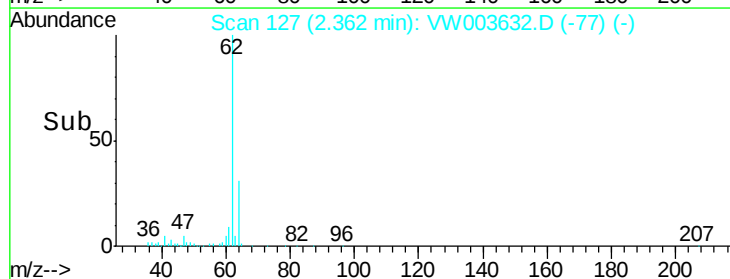
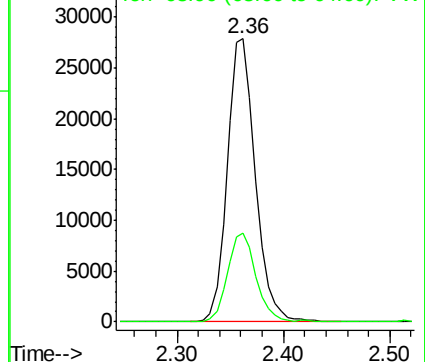
62 100

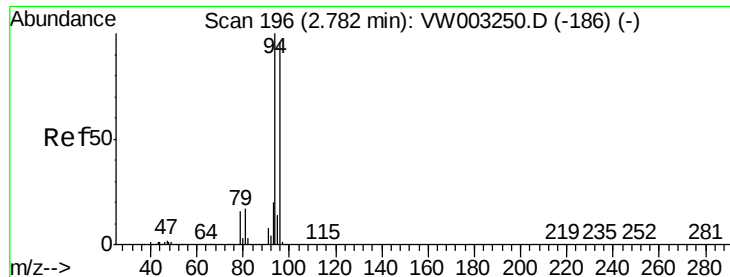
64 31.4 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 19.520 ug/l

RT: 2.79 min Scan# 197

Delta R.T. 0.01 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Instrument :

MSVOA_W

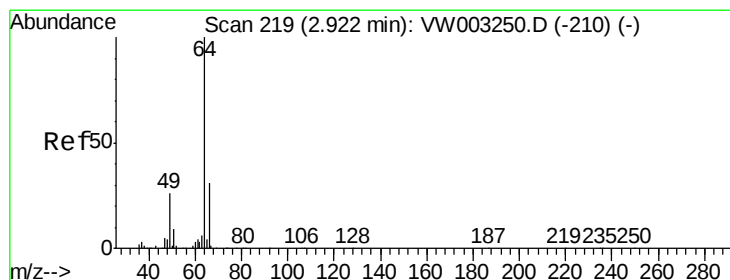
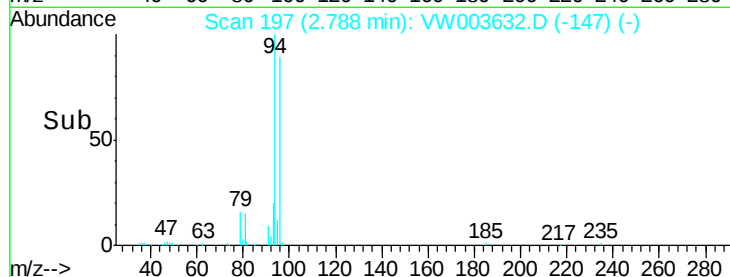
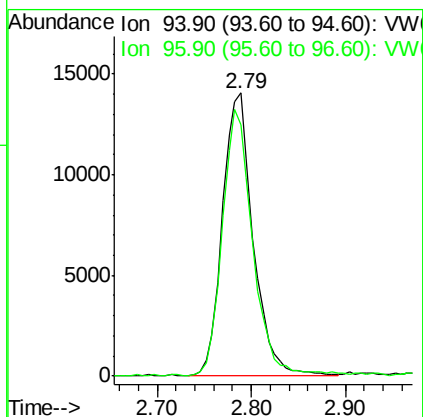
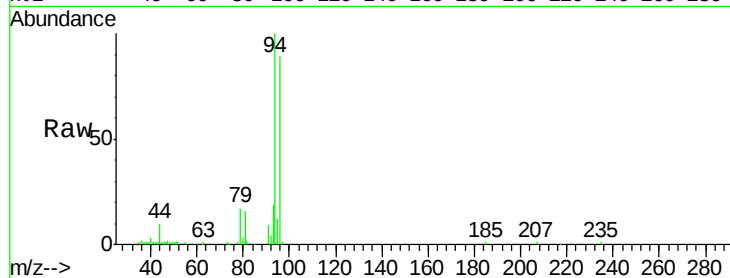
ClientSampleId :

Tot Ion: 94 Resp: 31906

Ion Ratio Lower Upper

94 100

96 88.7 76.5 114.7



#6

Chloroethane

Concen: 20.519 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003632.D

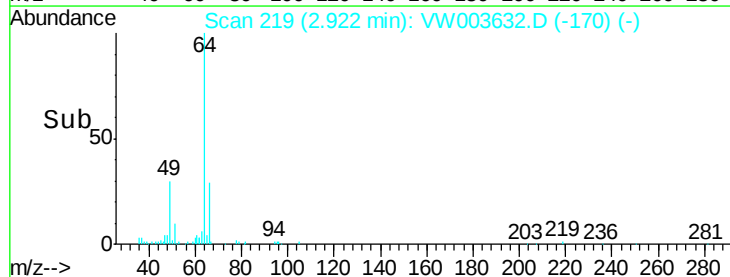
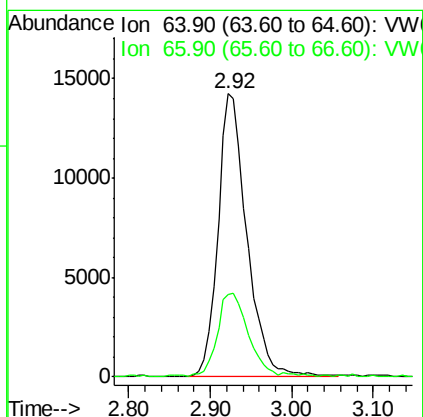
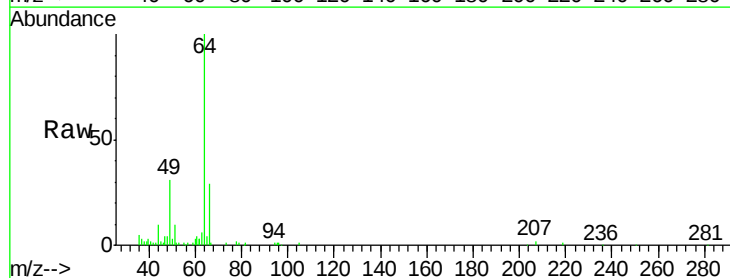
Acq: 28 Jun 2018 12:31

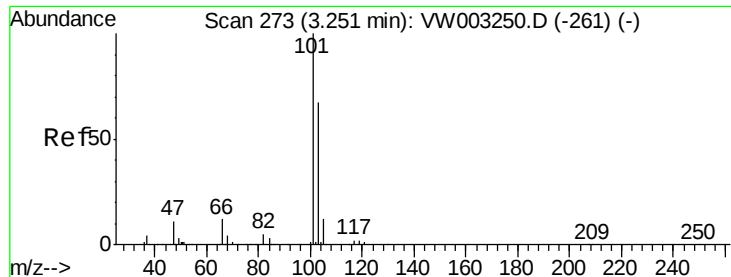
Tgt Ion: 64 Resp: 35125

Ion Ratio Lower Upper

64 100

66 29.3 24.4 36.6



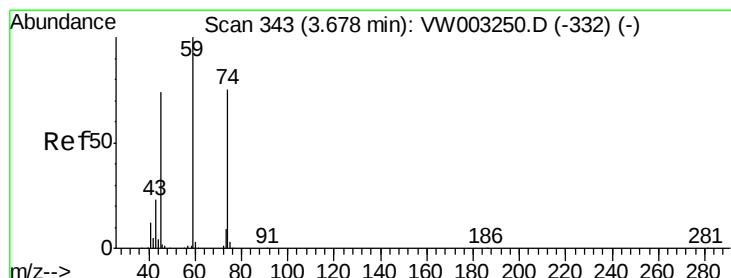
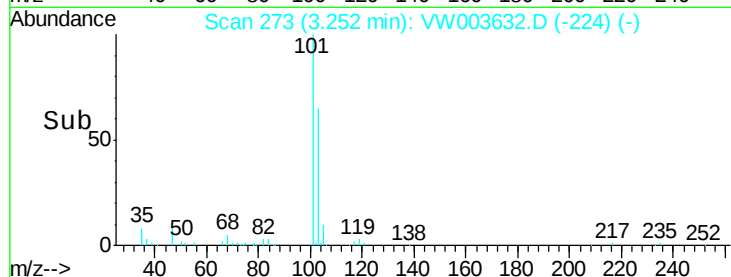
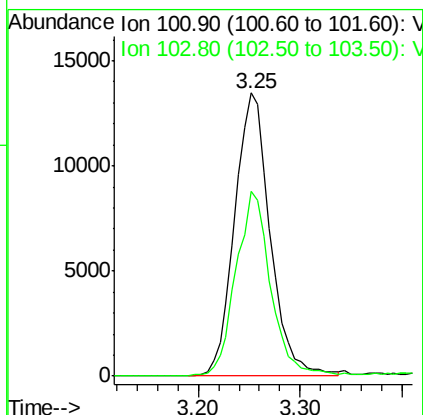
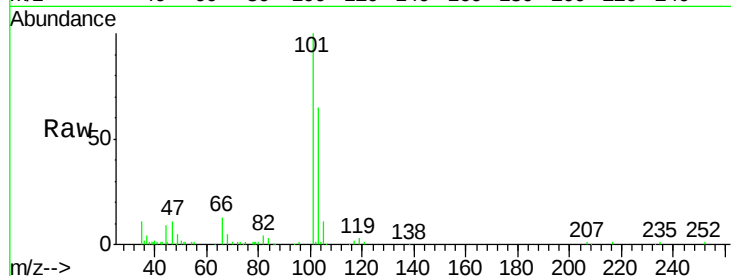


#7

Trichlorofluoromethane
Concen: 22.045 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Instrument :
MSVOA_W
ClientSampled :

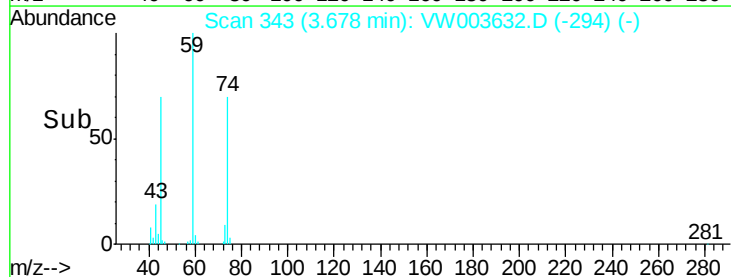
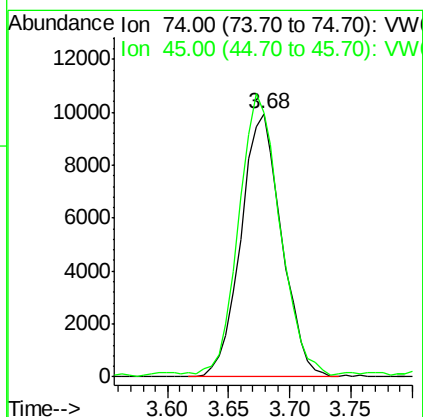
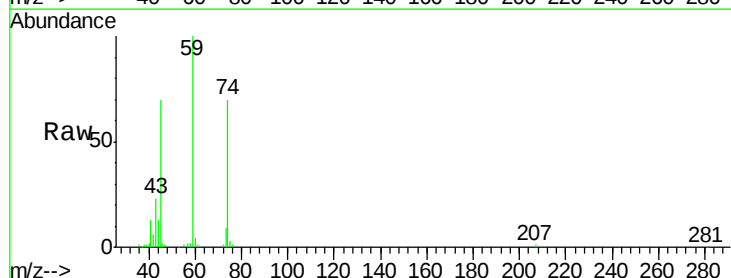
Tot Ion:101 Resp: 32478
Ion Ratio Lower Upper
101 100
103 65.1 53.4 80.0

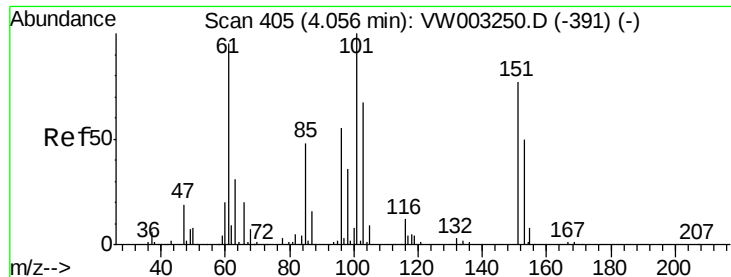


#8

Diethyl Ether
Concen: 21.287 ug/l
RT: 3.68 min Scan# 343
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Tgt Ion: 74 Resp: 23038
Ion Ratio Lower Upper
74 100
45 106.6 51.4 154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.221 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Instrument :

MSVOA_W

ClientSampled :

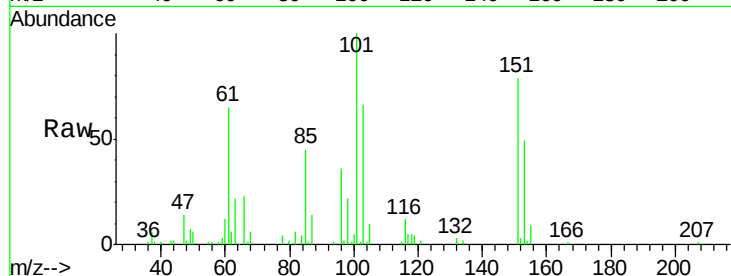
Tot Ion:101 Resp: 45460

Ion Ratio Lower Upper

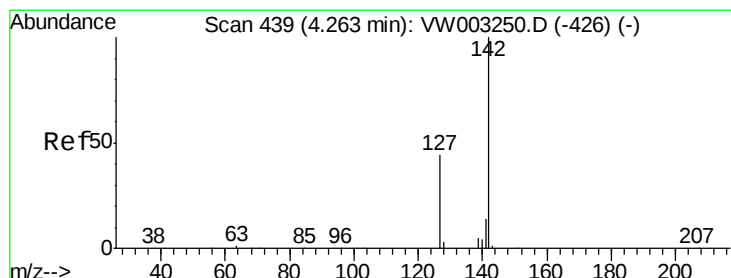
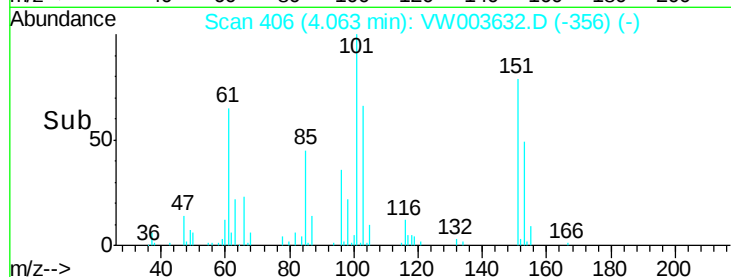
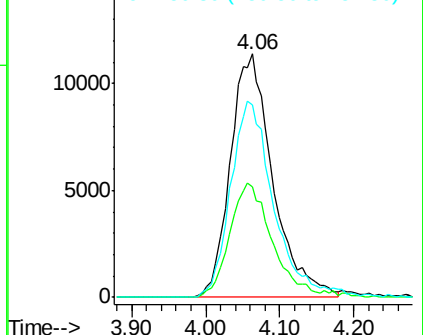
101 100

85 46.5 37.0 55.6

151 81.7 63.3 94.9



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



#10

Methyl Iodide

Concen: 21.466 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

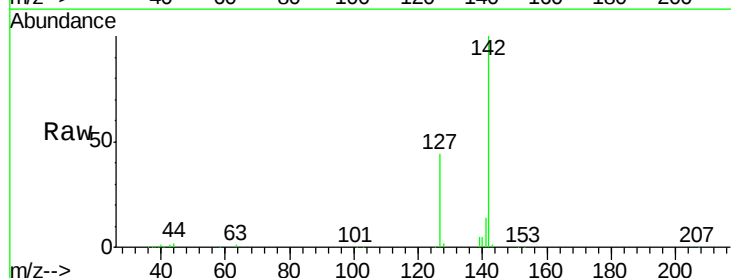
Tgt Ion:142 Resp: 66416

Ion Ratio Lower Upper

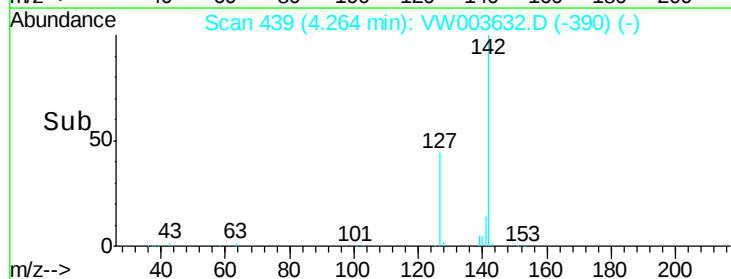
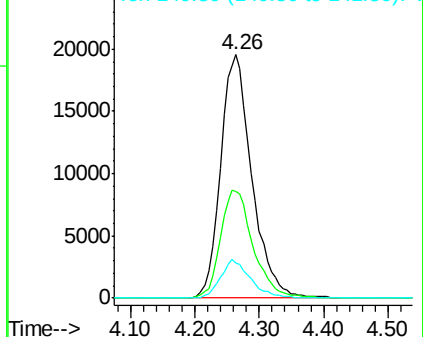
142 100

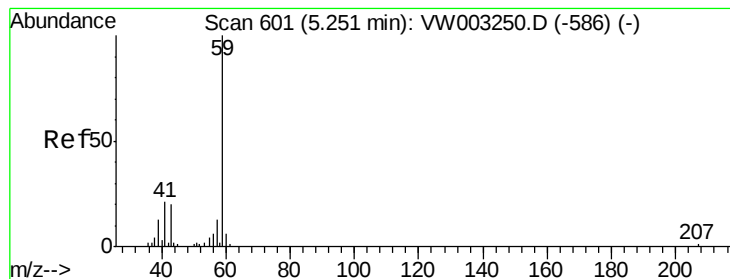
127 46.3 36.5 54.7

141 15.3 12.1 18.1



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



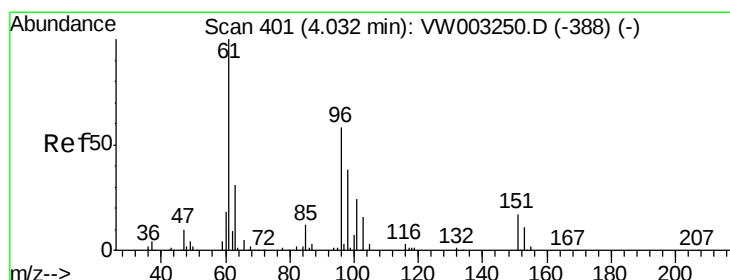
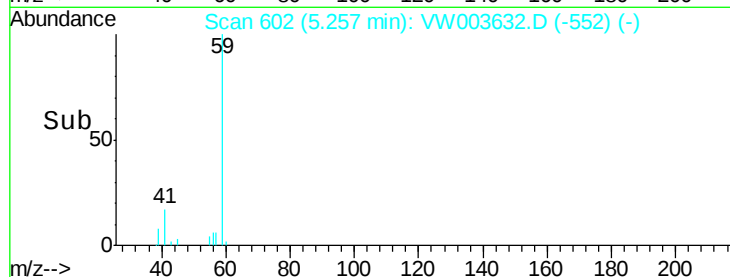
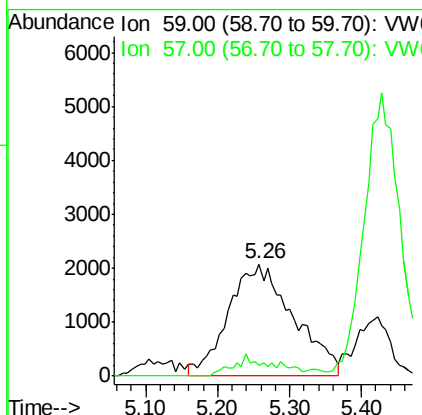
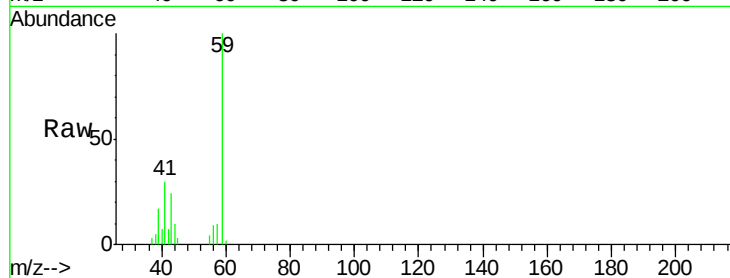


#11

Tert butyl alcohol
Concen: 101.620 ug/l
RT: 5.26 min Scan# 602
Delta R.T. 0.01 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Instrument :
MSVOA_W
ClientSampled :

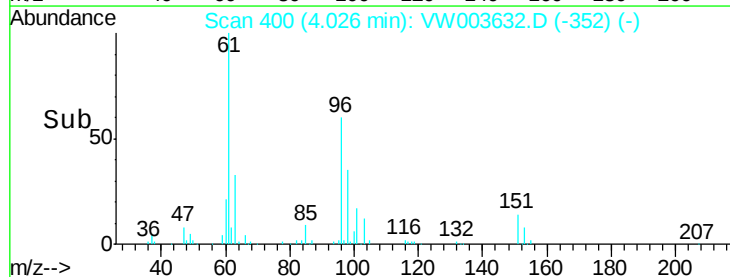
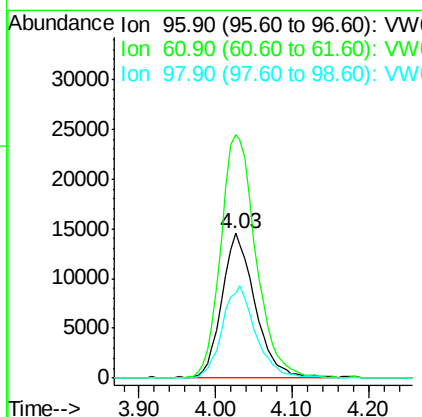
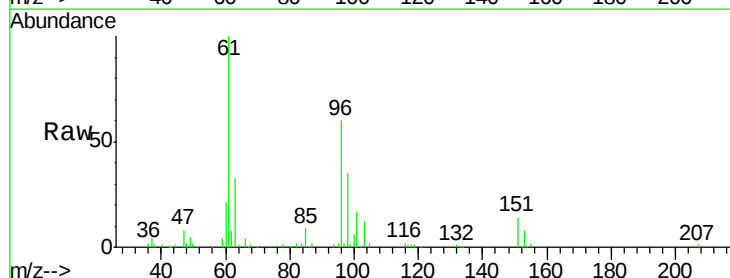
Tot Ion: 59 Resp: 13037
Ion Ratio Lower Upper
59 100
57 7.4 4.2 6.2#

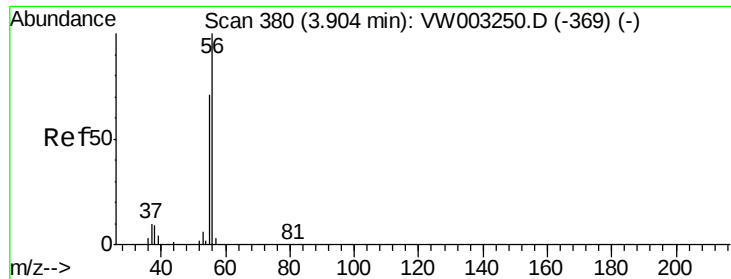


#12

1,1-Dichloroethene
Concen: 21.911 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.01 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Tgt Ion: 96 Resp: 43805
Ion Ratio Lower Upper
96 100
61 167.3 139.0 208.4
98 59.0 53.3 79.9





#13

Acrolein

Concen: 63.526 ug/l

RT: 3.90 min Scan# 380

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

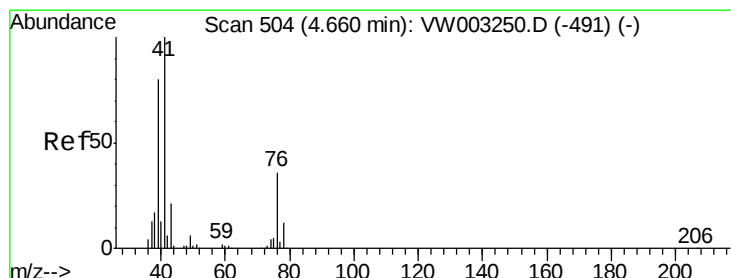
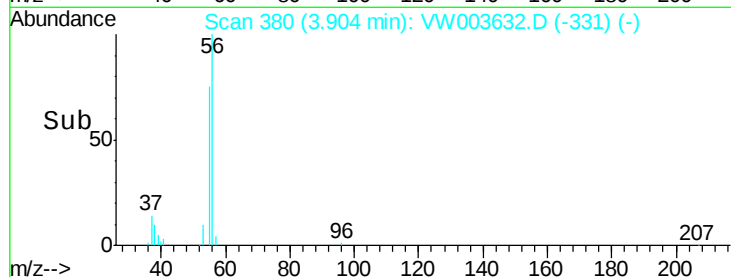
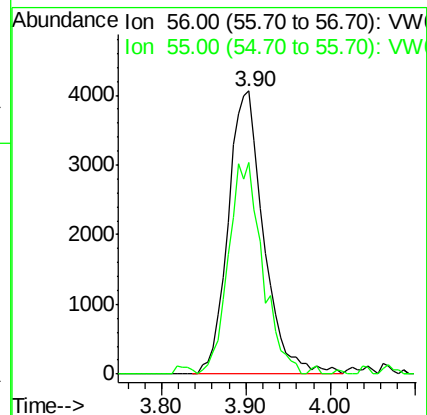
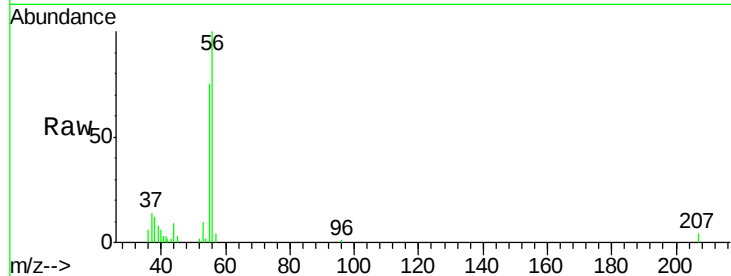
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 11652

Ion Ratio Lower Upper

56 100

55 71.7 55.4 83.2



#14

Allyl chloride

Concen: 21.611 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

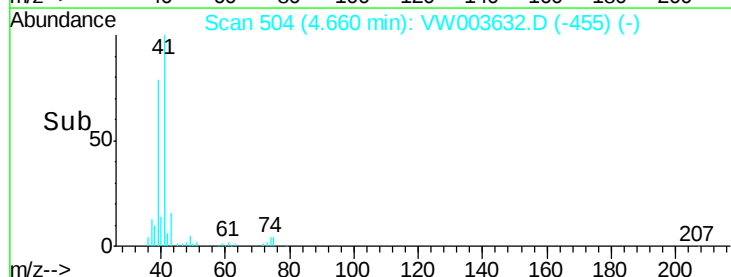
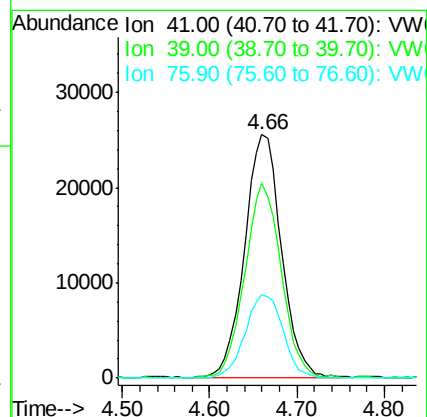
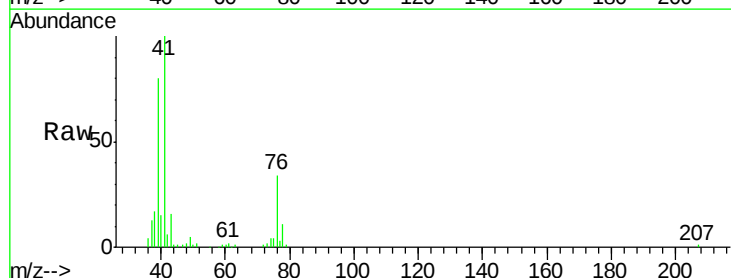
Tgt Ion: 41 Resp: 74839

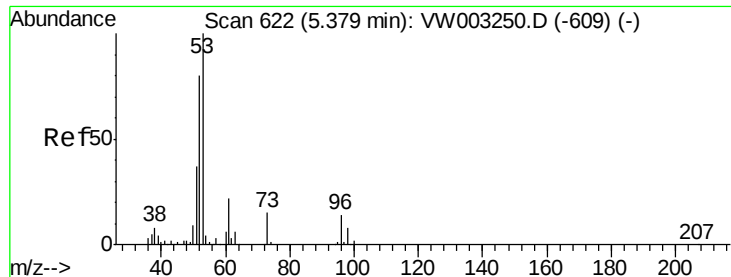
Ion Ratio Lower Upper

41 100

39 78.4 63.2 94.8

76 35.2 28.0 42.0





#15

Acrylonitrile

Concen: 106.840 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Instrument :

MSVOA_W

ClientSampleId :

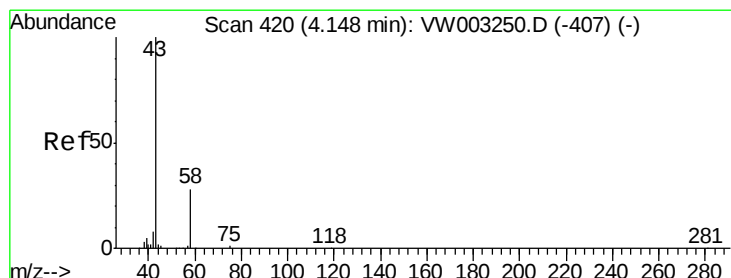
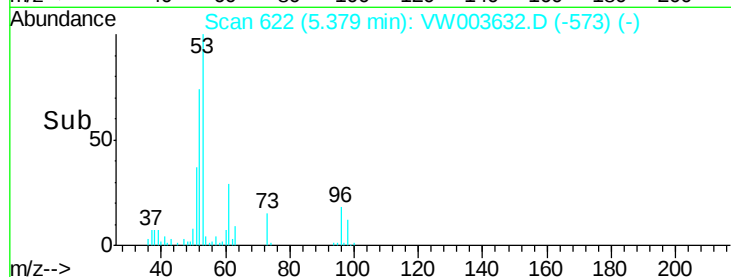
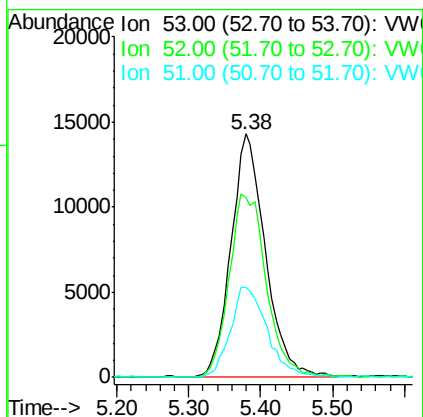
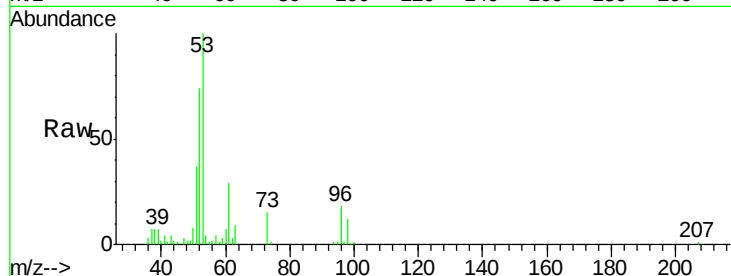
Tot Ion: 53 Resp: 47574

Ion Ratio Lower Upper

53 100

52 80.8 66.6 100.0

51 39.6 30.6 46.0



#16

Acetone

Concen: 111.651 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003632.D

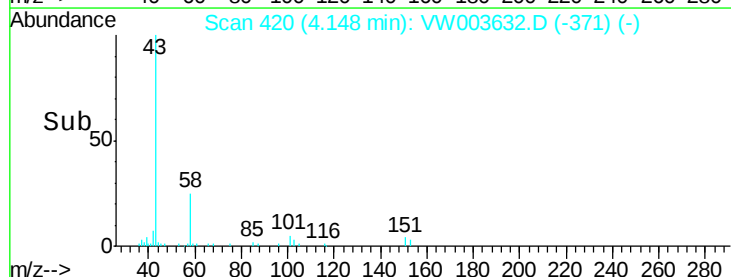
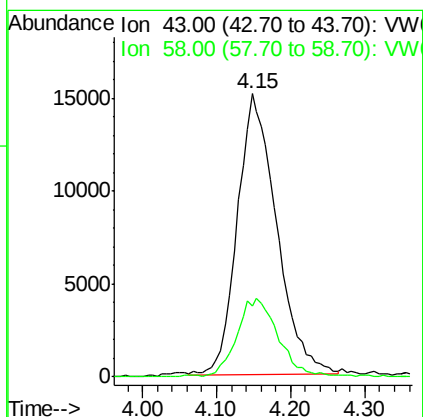
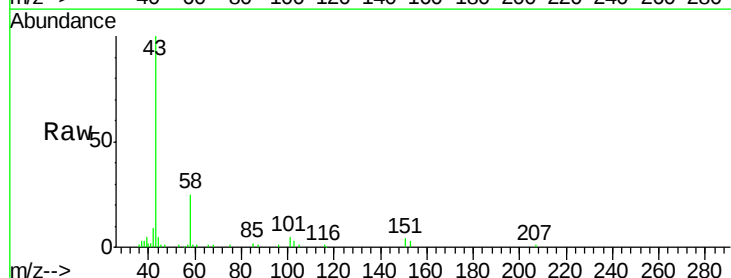
Acq: 28 Jun 2018 12:31

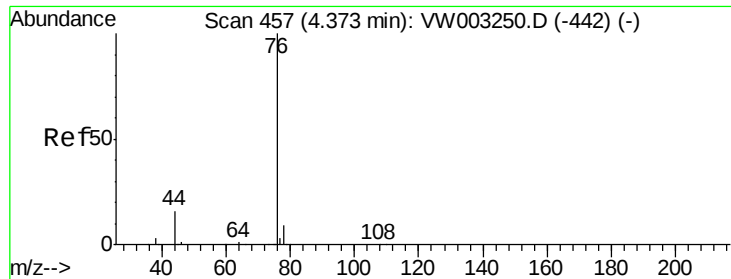
Tgt Ion: 43 Resp: 56015

Ion Ratio Lower Upper

43 100

58 25.0 22.6 34.0





#17

Carbon Disulfide

Concen: 21.437 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Instrument :

MSVOA_W

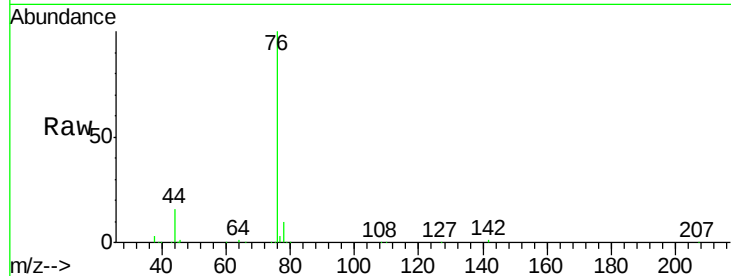
ClientSampled :

Tot Ion: 76 Resp: 126704

Ion Ratio Lower Upper

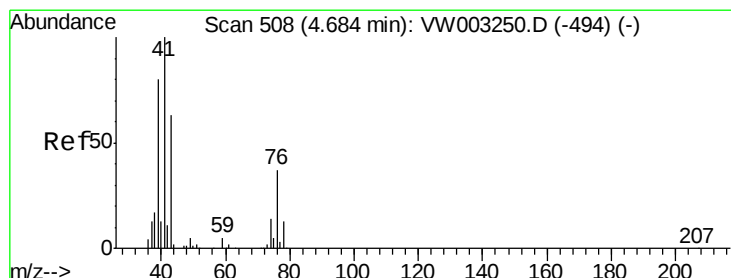
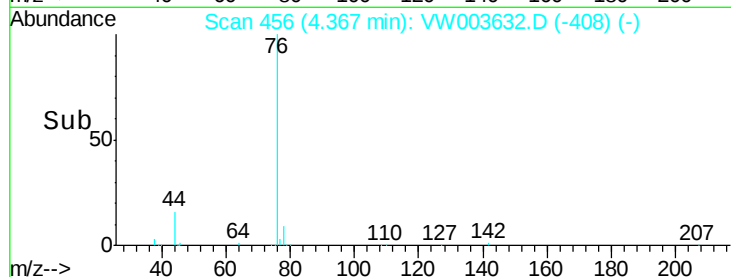
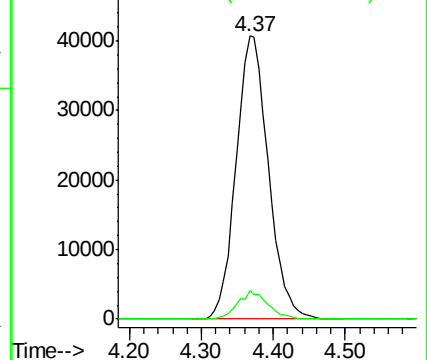
76 100

78 10.2 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 20.636 ug/l

RT: 4.68 min Scan# 508

Delta R.T. 0.00 min

Lab File: VW003632.D

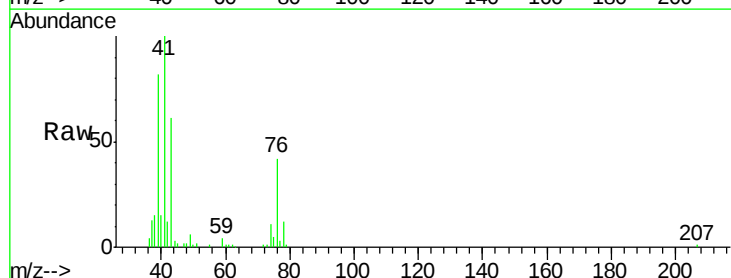
Acq: 28 Jun 2018 12:31

Tgt Ion: 43 Resp: 24560

Ion Ratio Lower Upper

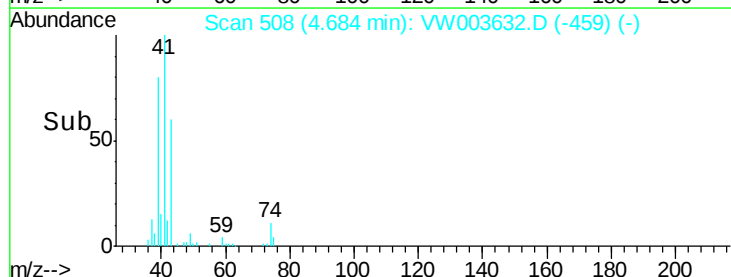
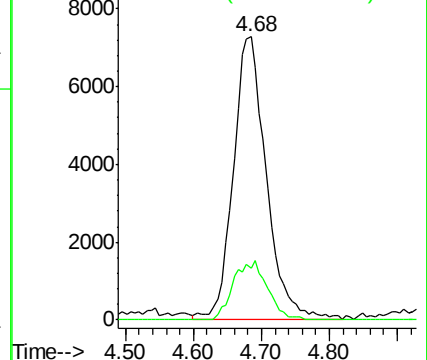
43 100

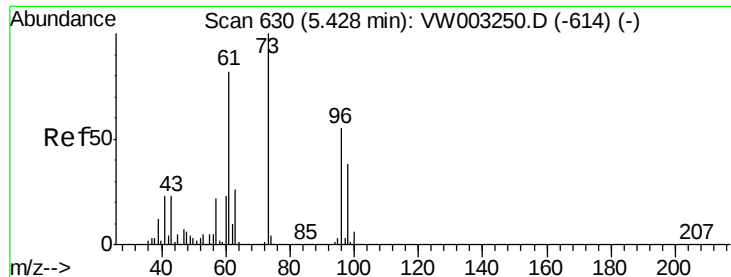
74 21.5 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

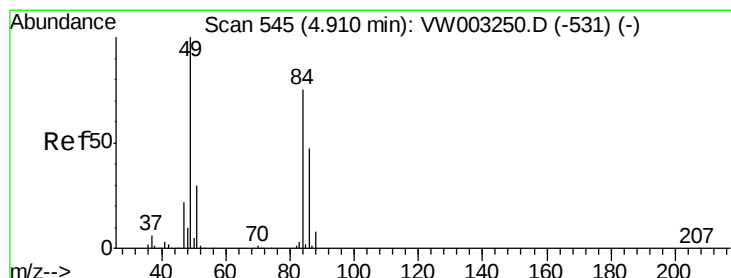
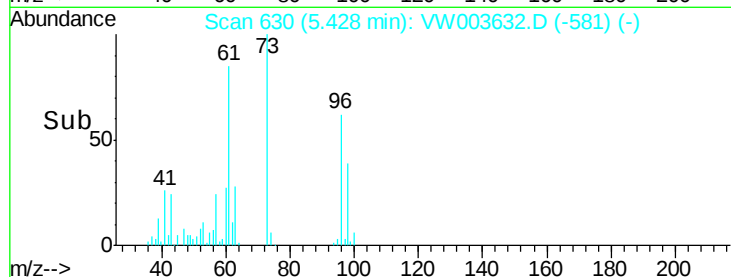
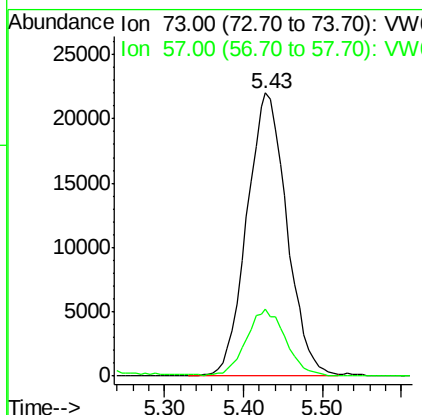
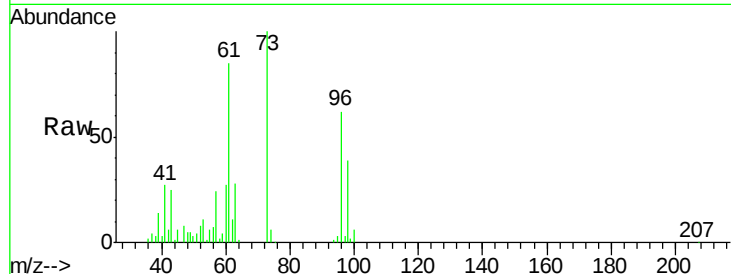




#19
Methvl tert-butvl Ether
Concen: 20.744 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

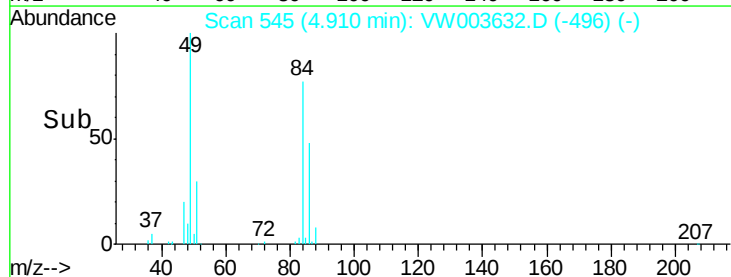
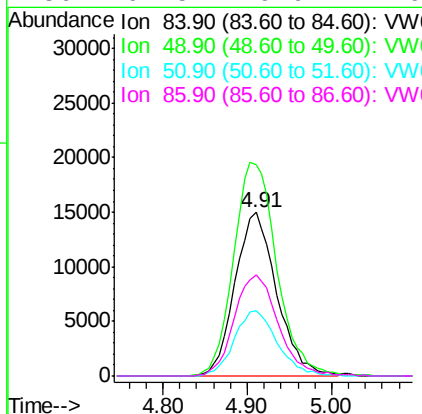
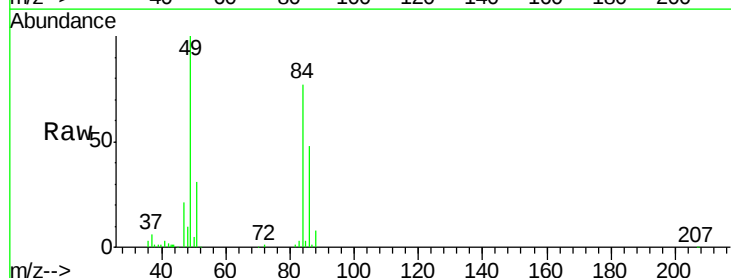
Instrument :
MSVOA_W
ClientSampled :

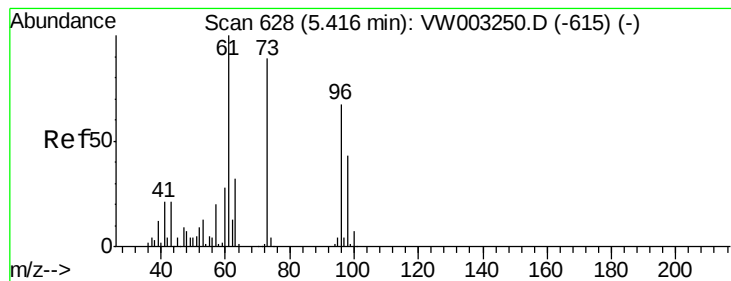
Tot Ion: 73 Resp: 77674
Ion Ratio Lower Upper
73 100
57 23.5 18.0 27.0



#20
Methylene Chloride
Concen: 21.532 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Tgt Ion: 84 Resp: 50343
Ion Ratio Lower Upper
84 100
49 129.4 106.3 159.5
51 39.9 32.0 48.0
86 61.5 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 21.989 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Instrument :

MSVOA_W

ClientSampleId :

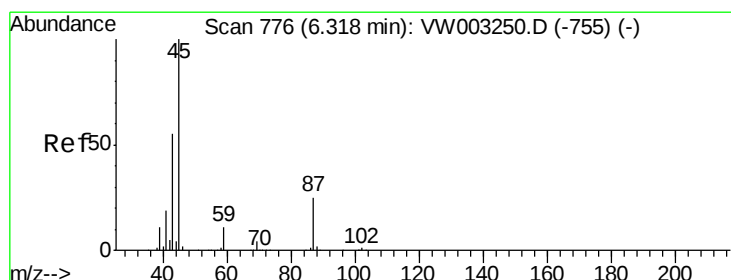
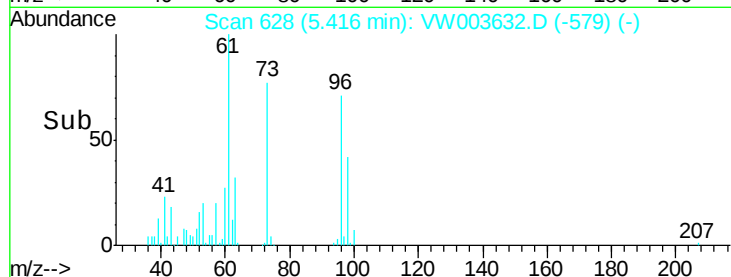
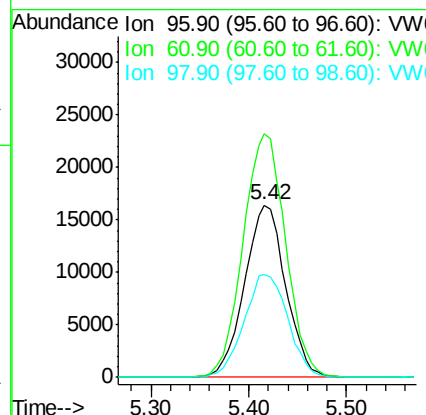
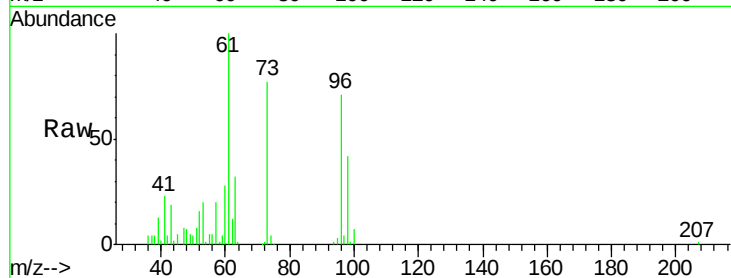
Tot Ion: 96 Resp: 47843

Ion Ratio Lower Upper

96 100

61 141.2 118.7 178.1

98 59.6 51.0 76.6



#22

Diisopropyl ether

Concen: 22.009 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.01 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Tgt Ion: 45 Resp: 153396

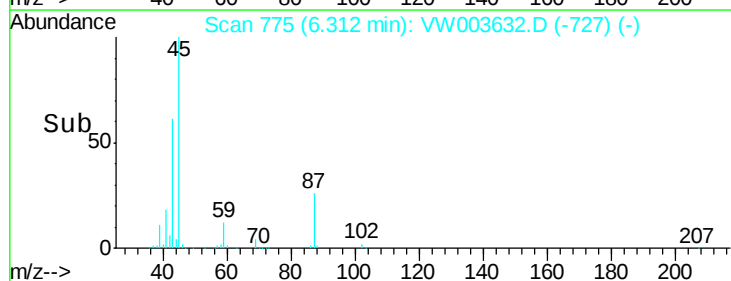
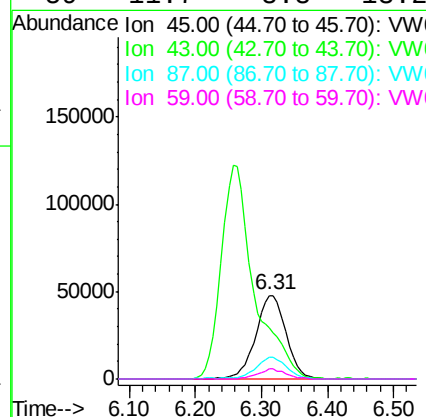
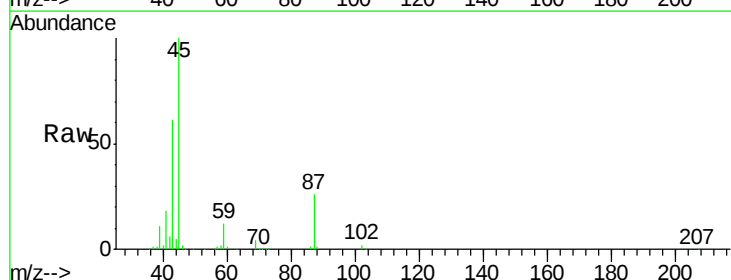
Ion Ratio Lower Upper

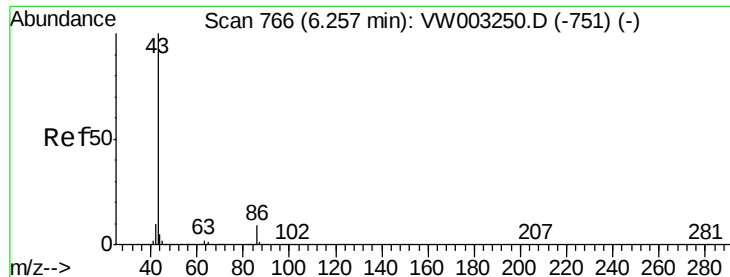
45 100

43 60.2 44.0 66.0

87 26.2 20.6 31.0

59 11.7 8.8 13.2





#23

Vinyl Acetate

Concen: 105.294 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Instrument :

MSVOA_W

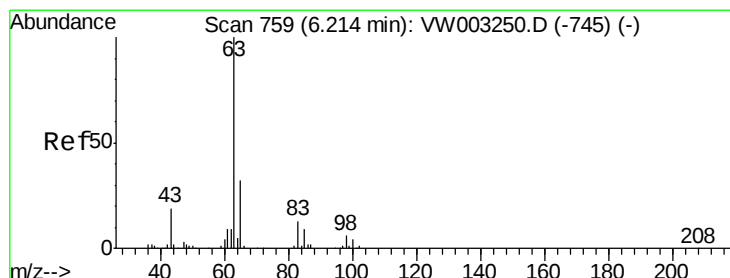
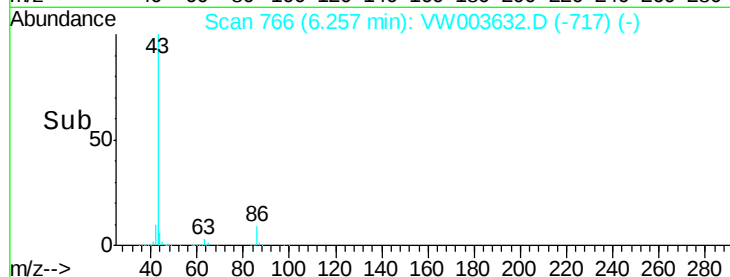
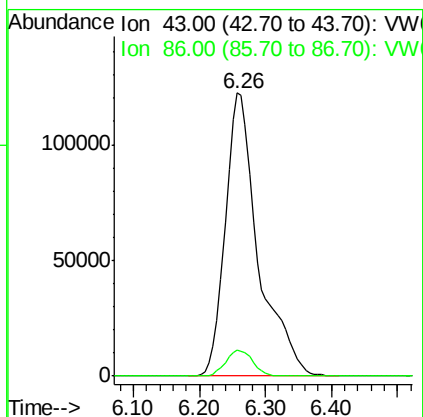
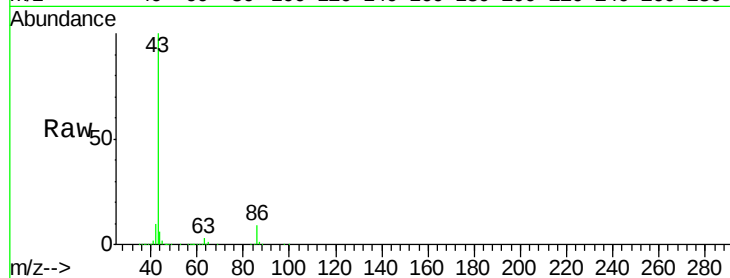
ClientSampled :

Tot Ion: 43 Resp: 422894

Ion Ratio Lower Upper

43 100

86 9.4 7.5 11.3



#24

1,1-Dichloroethane

Concen: 22.423 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

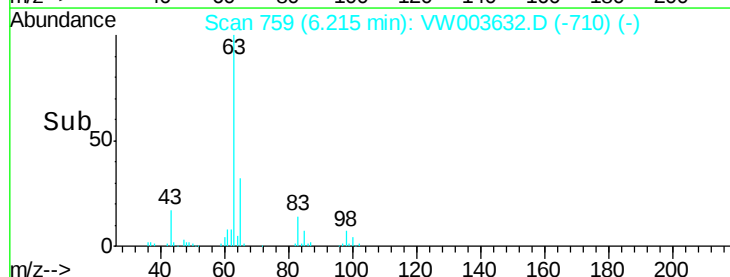
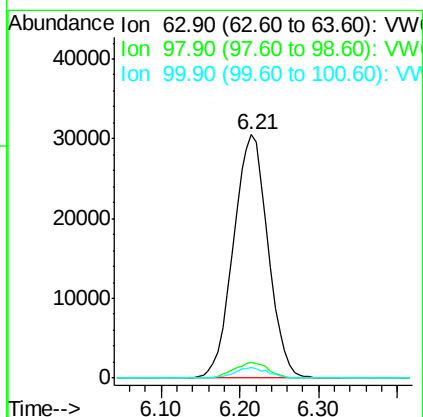
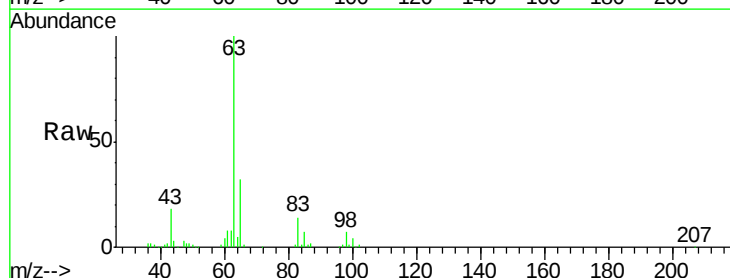
Tgt Ion: 63 Resp: 92775

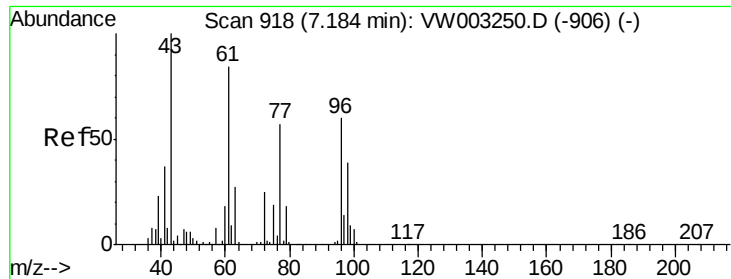
Ion Ratio Lower Upper

63 100

98 6.7 2.8 8.3

100 4.2 2.1 6.5





#25

2-Butanone

Concen: 108.026 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

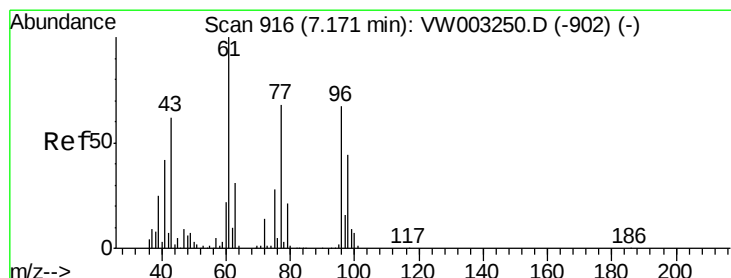
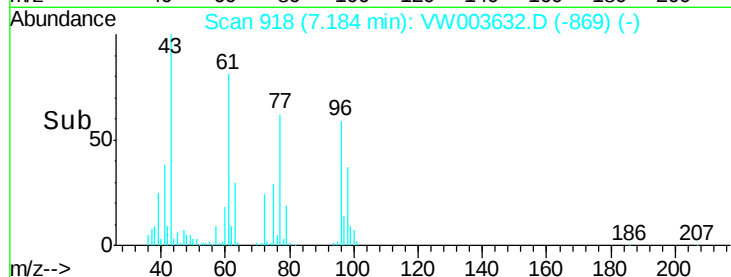
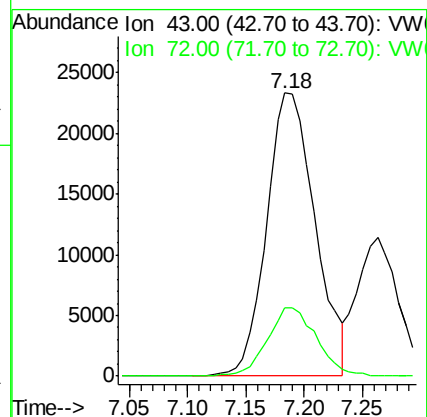
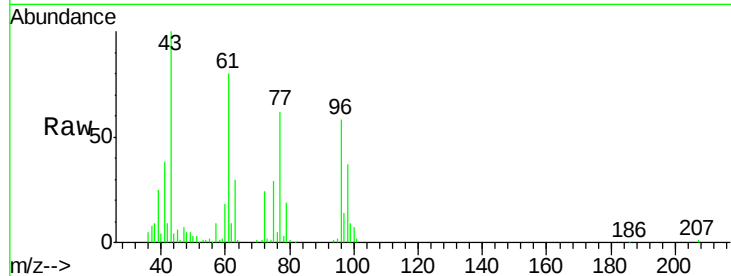
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 67392

Ion Ratio Lower Upper

43 100

72 23.9 20.3 30.5



#26

2,2-Dichloropropane

Concen: 22.218 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003632.D

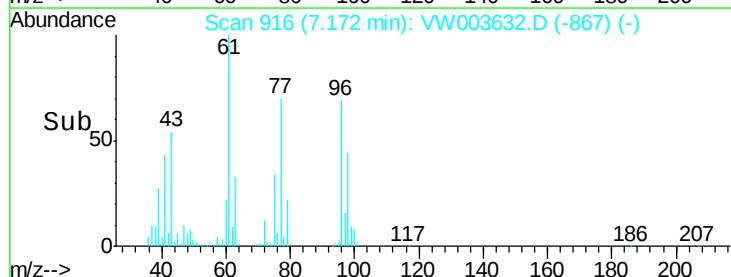
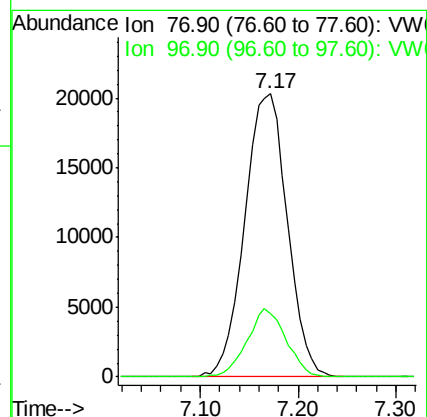
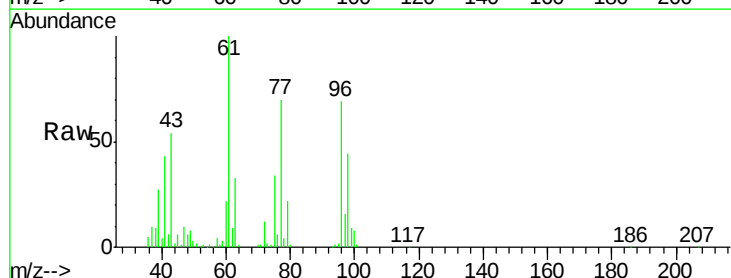
Acq: 28 Jun 2018 12:31

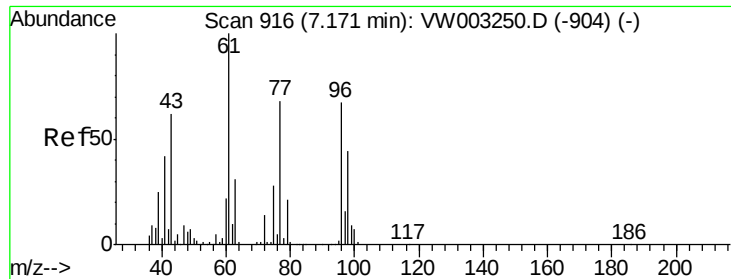
Tgt Ion: 77 Resp: 61350

Ion Ratio Lower Upper

77 100

97 22.0 11.3 33.9



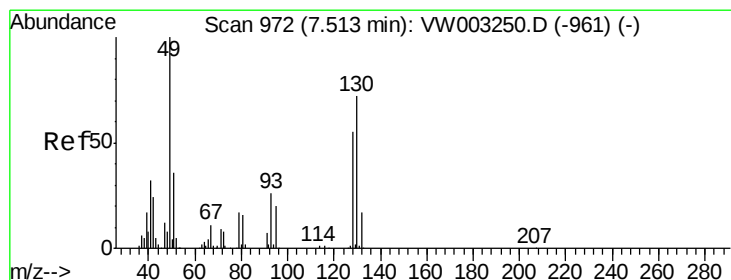
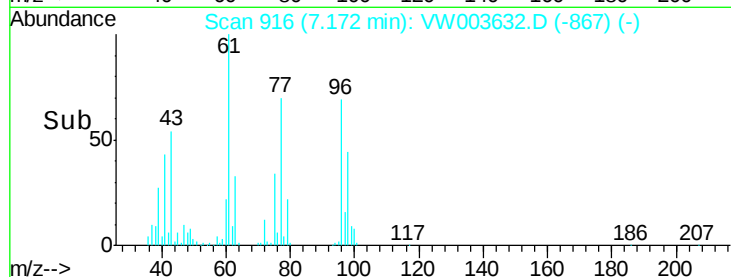
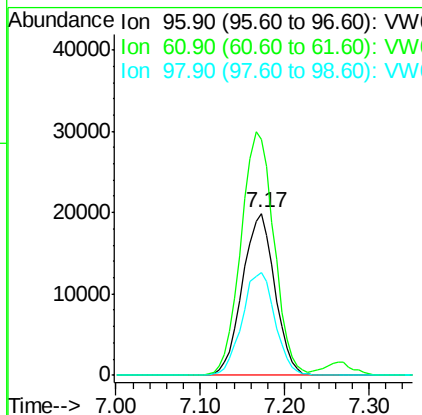
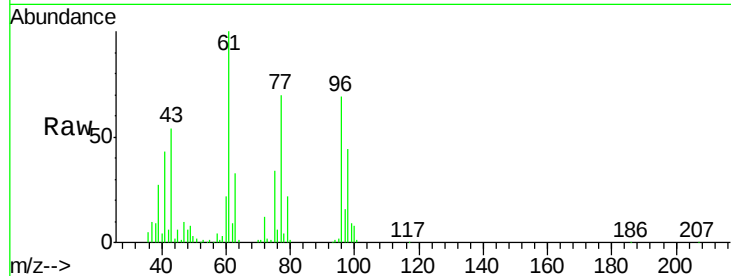


#27

cis-1,2-Dichloroethene
 Concen: 21.629 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: VW003632.D
 Acq: 28 Jun 2018 12:31

Instrument :
 MSVOA_W
 ClientSampleId :

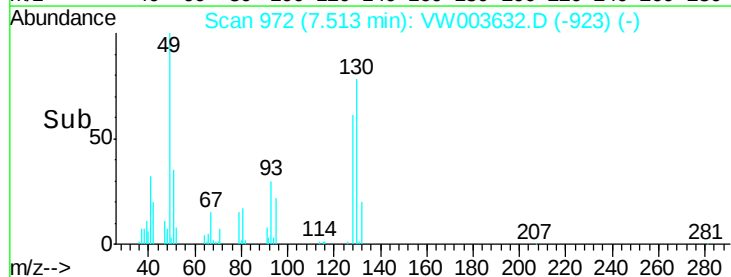
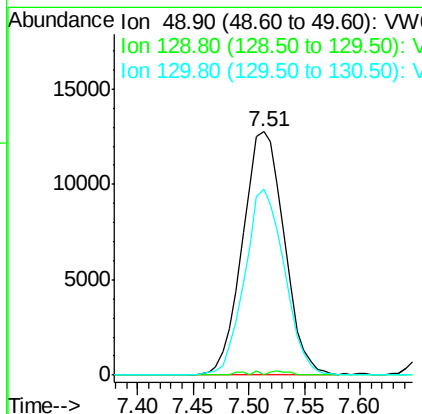
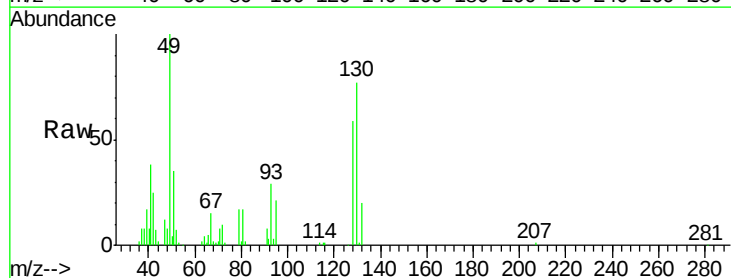
Tot Ion	96	Resp	51697
Ion	Ratio	Lower	Upper
96	100		
61	153.3	0.0	298.8
98	64.6	0.0	130.4

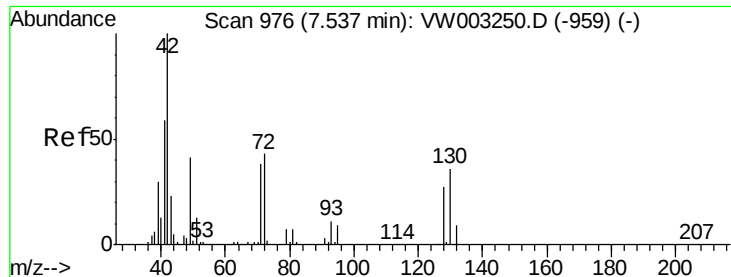


#28

Bromochloromethane
 Concen: 19.353 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW003632.D
 Acq: 28 Jun 2018 12:31

Tgt Ion	49	Resp	33321
Ion	Ratio	Lower	Upper
49	100		
129	0.2	0.0	4.6
130	72.9	59.4	89.2

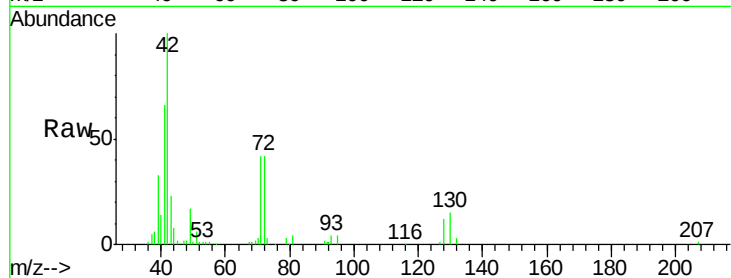




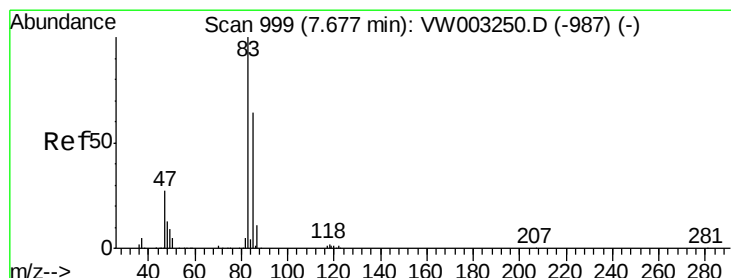
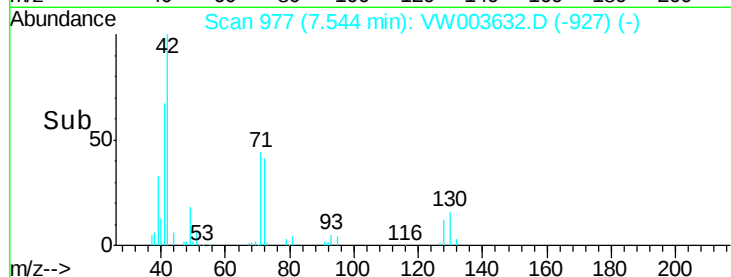
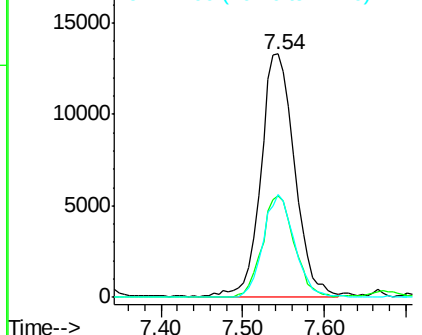
#29
Tetrahydrofuran
Concen: 100.849 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 42 Resp: 38451
Ion Ratio Lower Upper
42 100
72 39.3 32.4 48.6
71 38.9 31.2 46.8

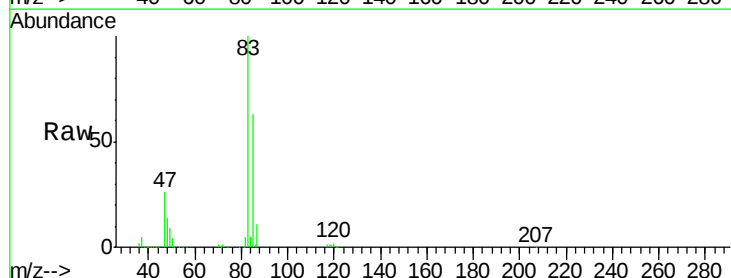


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

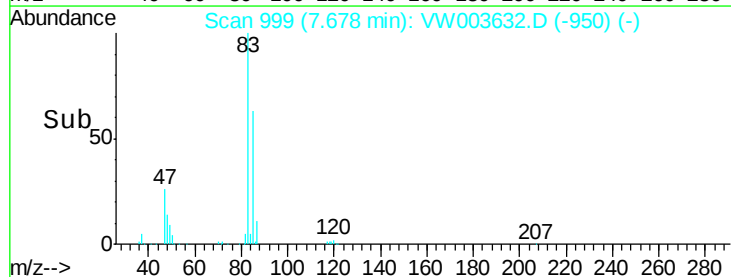
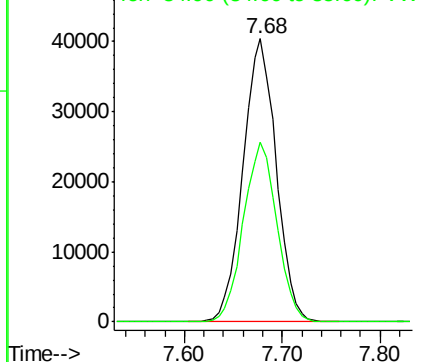


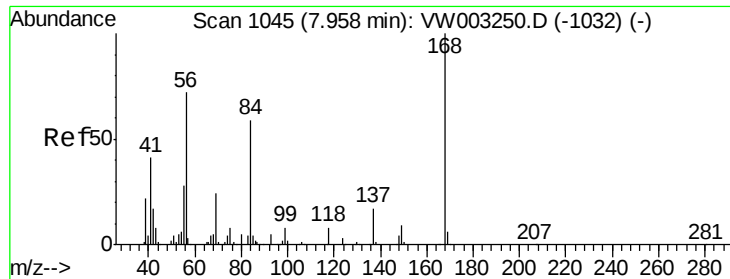
#30
Chloroform
Concen: 22.538 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Tgt Ion: 83 Resp: 95004
Ion Ratio Lower Upper
83 100
85 63.3 51.3 76.9



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW

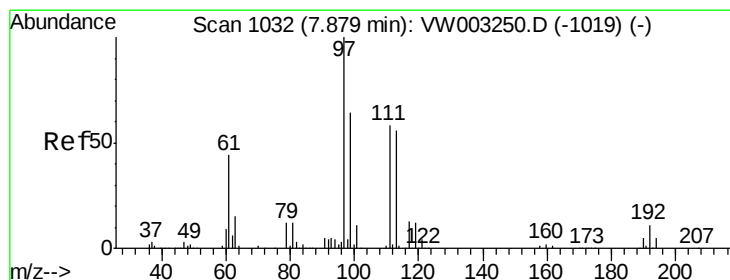
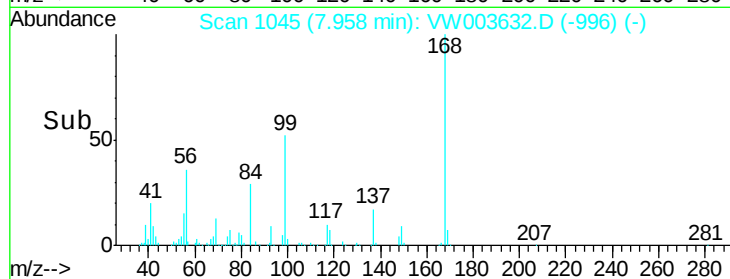
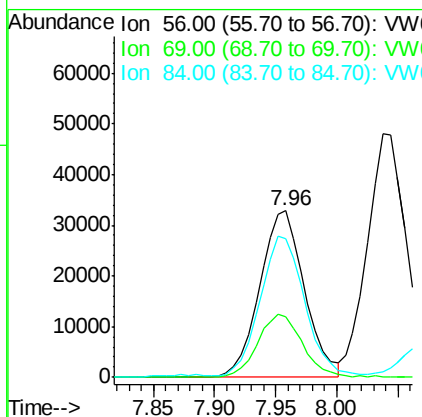
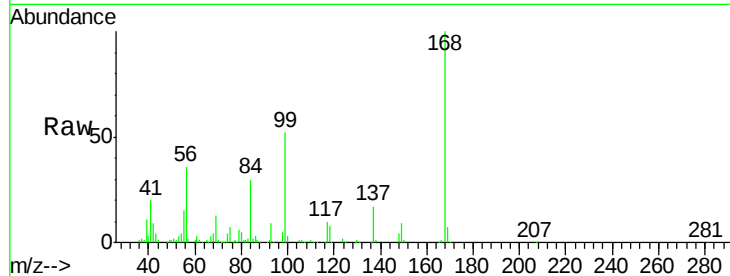




#31
Cyclohexane
Concen: 21.598 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

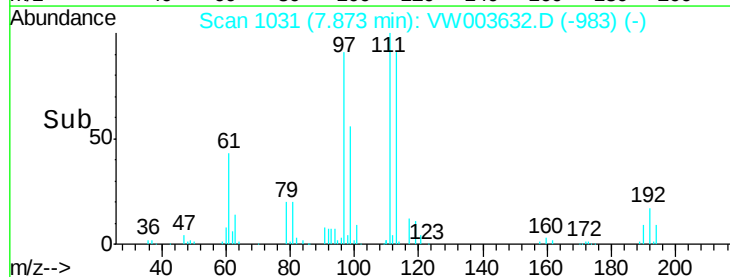
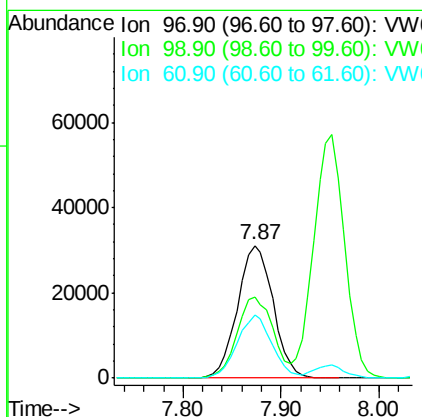
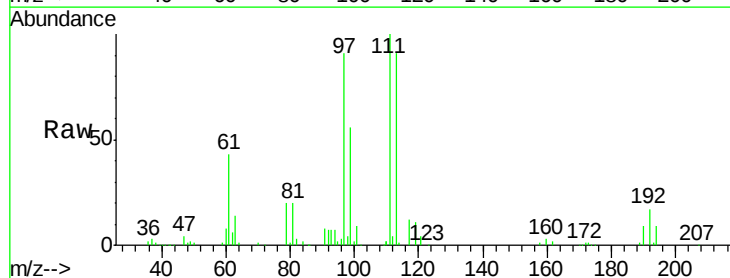
Instrument :
MSVOA_W
ClientSampled :

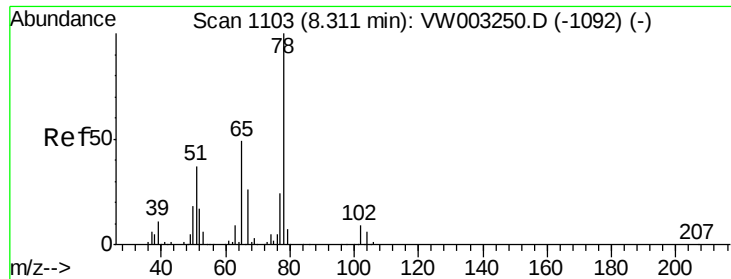
Tot Ion: 56 Resp: 83484
Ion Ratio Lower Upper
56 100
69 36.2 26.3 39.5
84 81.7 65.7 98.5



#32
1,1,1-Trichloroethane
Concen: 22.475 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Tgt Ion: 97 Resp: 78198
Ion Ratio Lower Upper
97 100
99 62.6 51.7 77.5
61 46.8 37.6 56.4

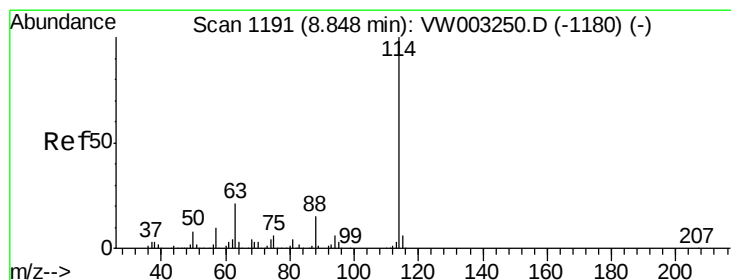
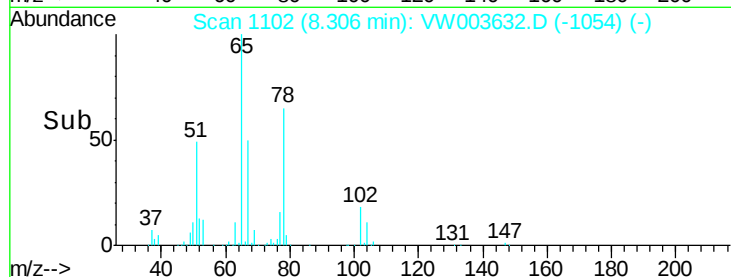
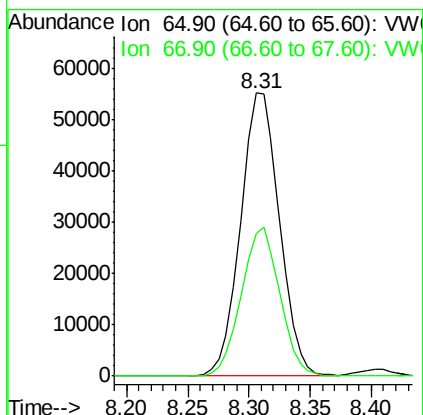
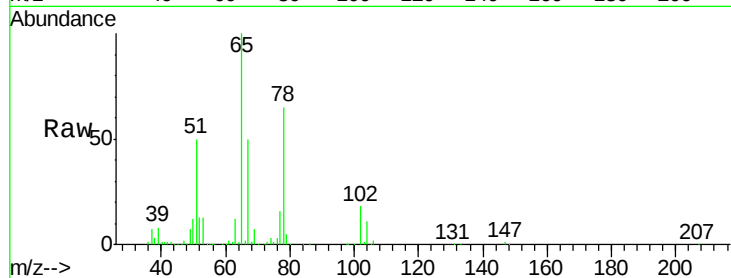




#33
 1,2-Dichloroethane-d4
 Concen: 50.994 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: VW003632.D
 Acq: 28 Jun 2018 12:31

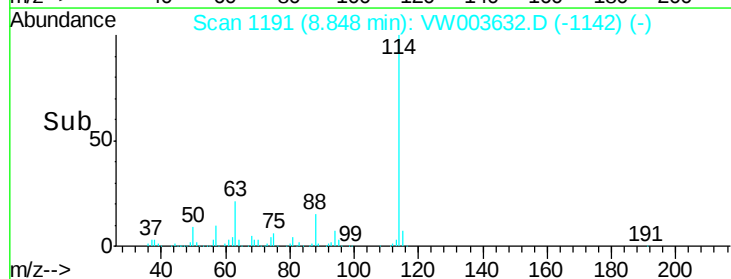
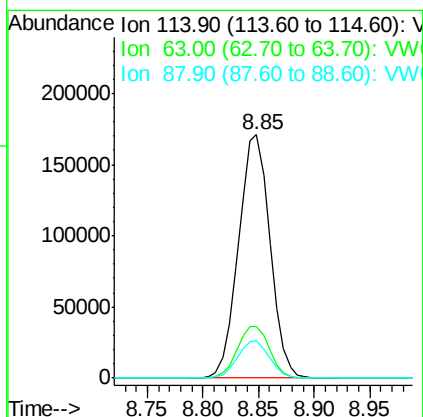
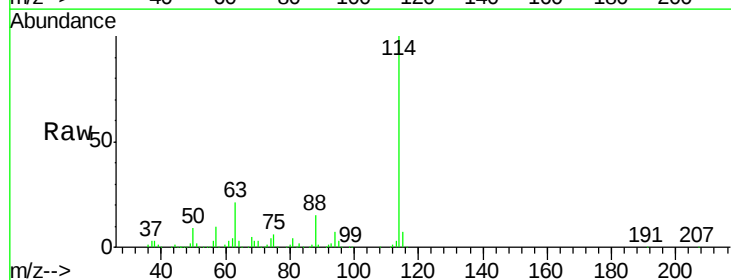
Instrument :
 MSVOA_W
 ClientSampled :

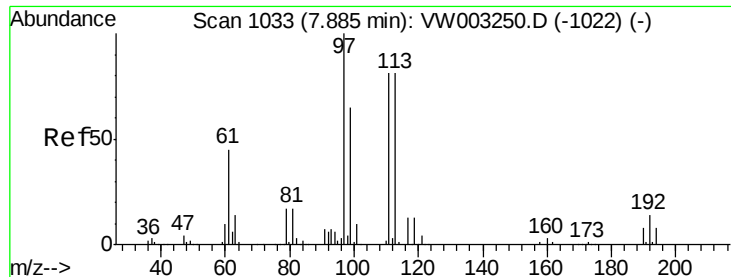
Tot Ion: 65 Resp: 121983
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003632.D
 Acq: 28 Jun 2018 12:31

Tgt Ion: 114 Resp: 336862
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.0
 88 15.2 0.0 29.6

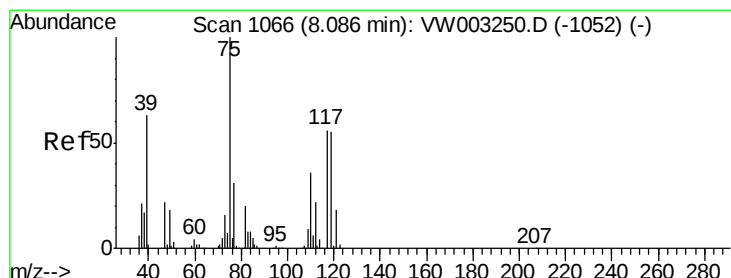
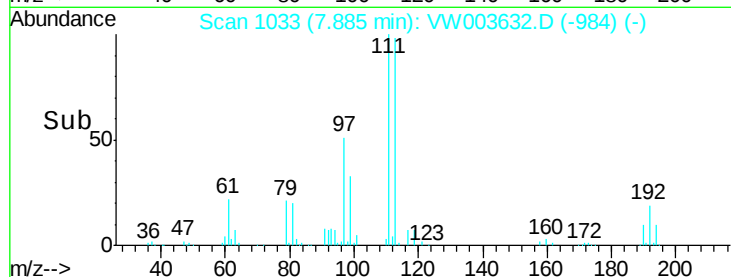
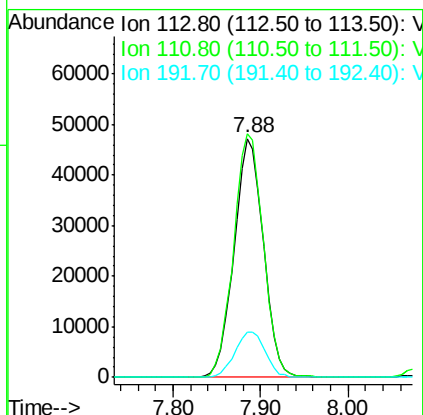
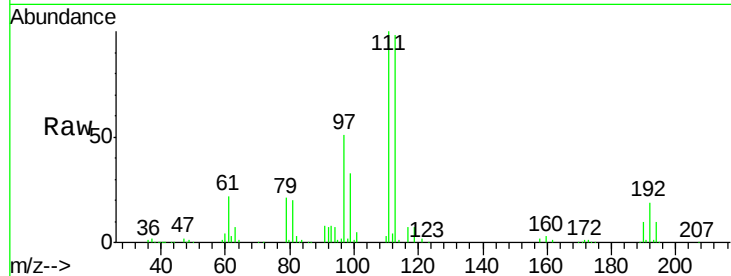




#35
Dibromofluoromethane
Concen: 52.411 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

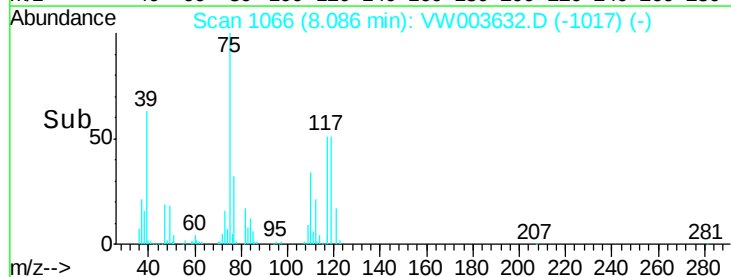
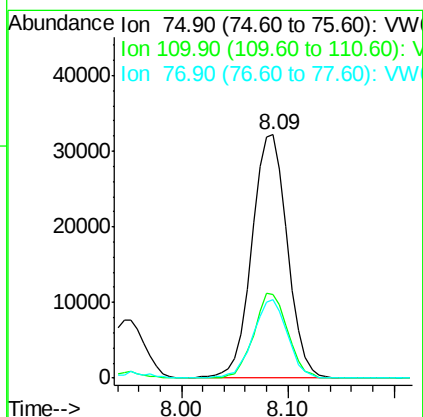
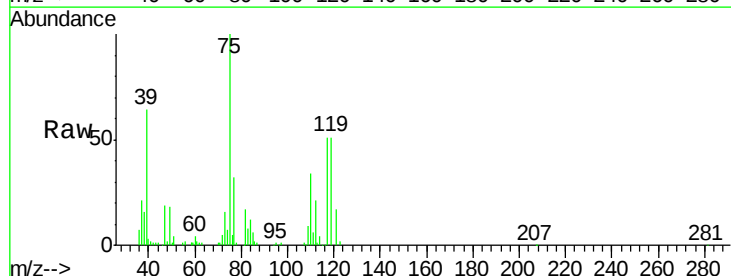
Instrument :
MSVOA_W
ClientSampleId :

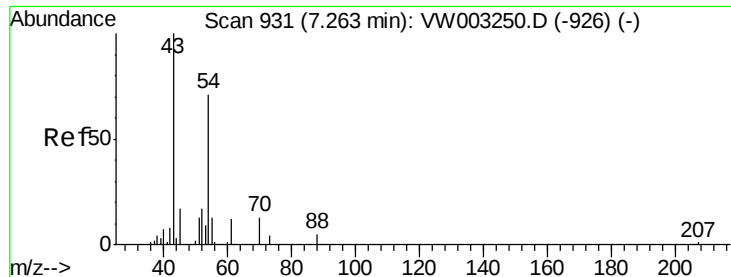
Tot Ion:113 Resp: 109705
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.2
192 19.9 16.2 24.2



#36
1,1-Dichloropropene
Concen: 23.125 ug/l
RT: 8.09 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Tgt Ion: 75 Resp: 75231
Ion Ratio Lower Upper
75 100
110 33.0 17.1 51.3
77 31.2 24.9 37.3

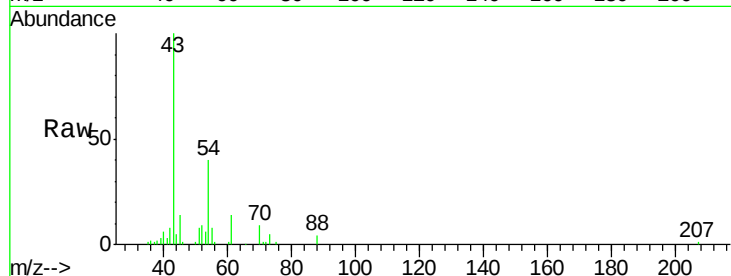




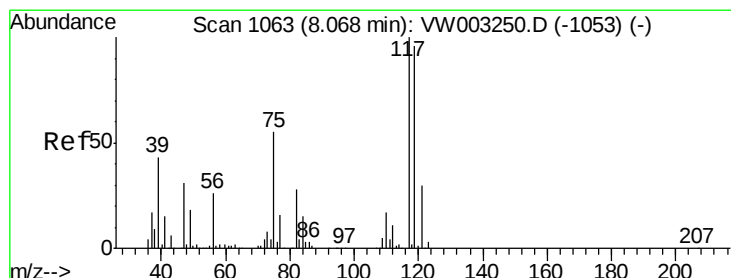
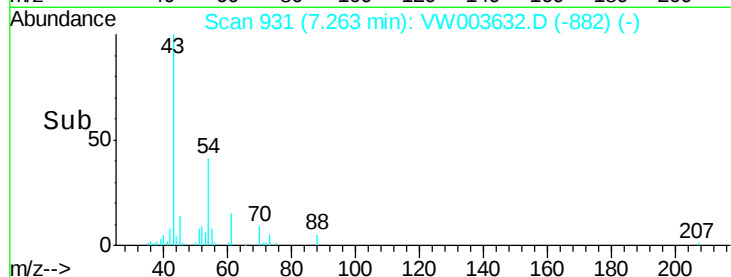
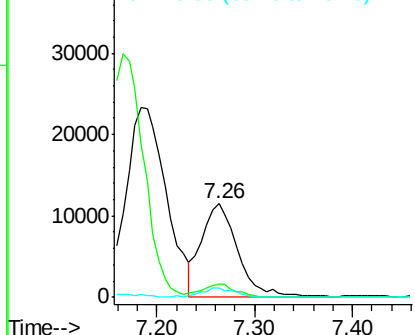
#37
Ethyl Acetate
Concen: 21.515 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 28996
Ion Ratio Lower Upper
43 100
61 13.8 10.8 16.2
70 9.5 7.8 11.6

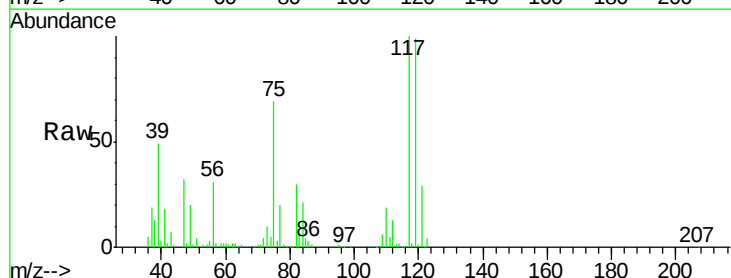


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

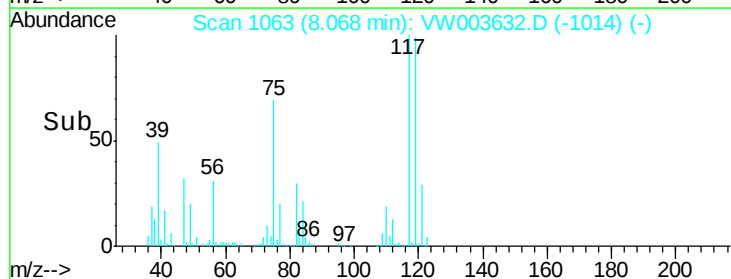
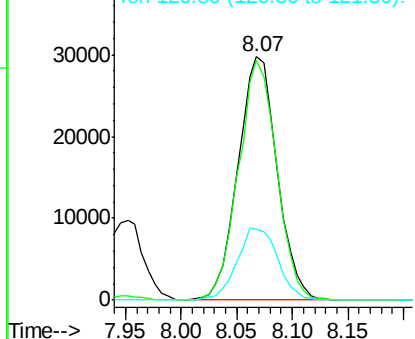


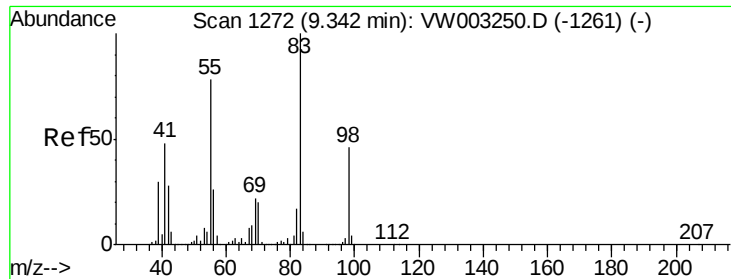
#38
Carbon Tetrachloride
Concen: 22.785 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Tgt Ion: 117 Resp: 72709
Ion Ratio Lower Upper
117 100
119 98.6 76.6 115.0
121 29.0 23.9 35.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

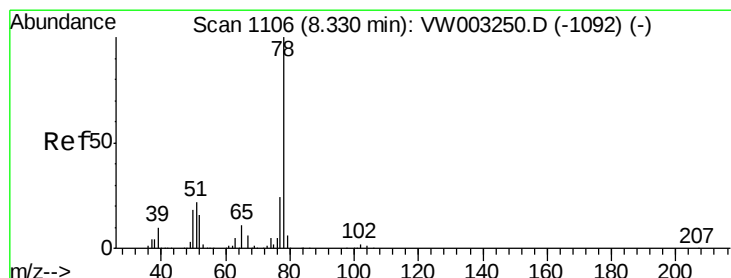
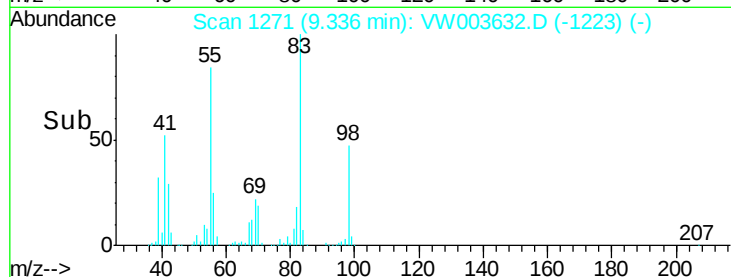
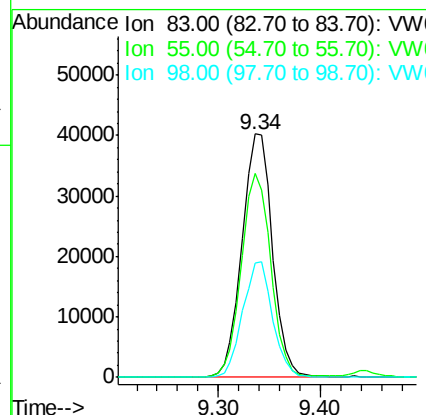
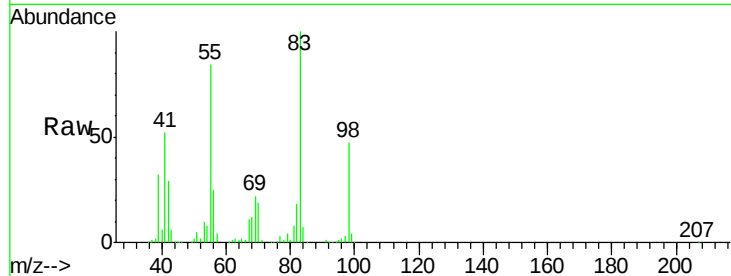




#39
Methvlcvclohexane
Concen: 22.227 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

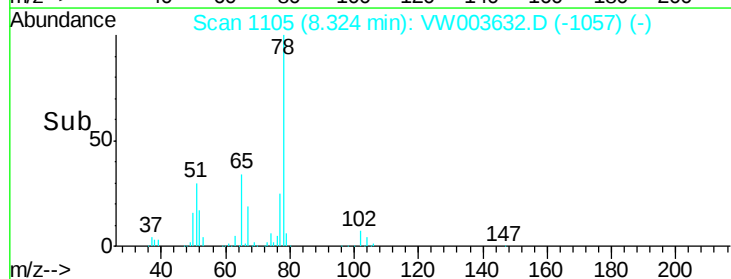
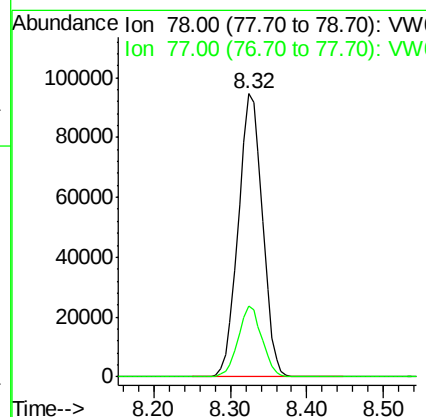
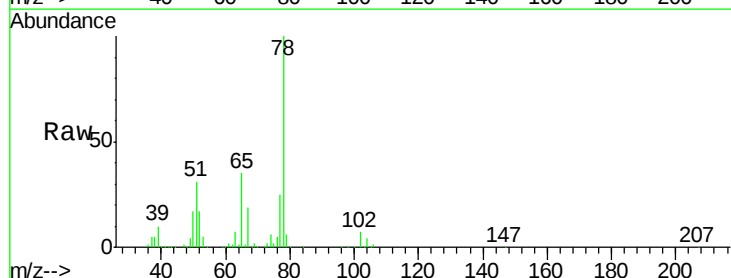
Instrument :
MSVOA_W
ClientSampled :

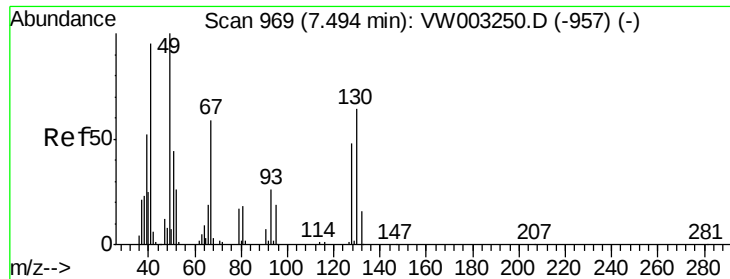
Tot Ion	83	Resp	83666
Ion	Ratio	Lower	Upper
83	100		
55	83.9	62.6	93.8
98	46.8	37.0	55.4



#40
Benzene
Concen: 23.089 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Tgt Ion	78	Resp	207047
Ion	Ratio	Lower	Upper
78	100		
77	25.1	19.0	28.6

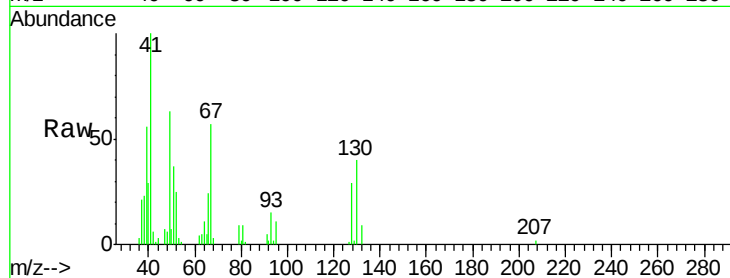




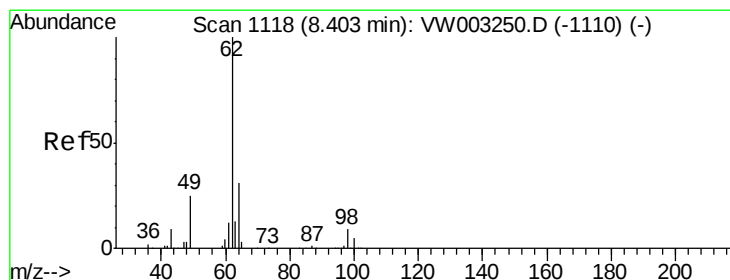
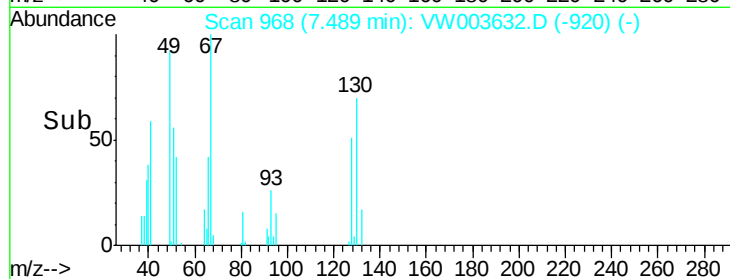
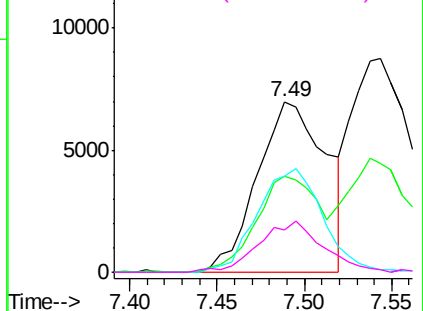
#41
Methacrylonitrile
Concen: 23.057 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	41	Resp:	19069
Ion	Ratio	Lower	Upper
41	100		
39	51.1	45.8	68.8
67	58.5	52.3	78.5
52	27.9	24.1	36.1

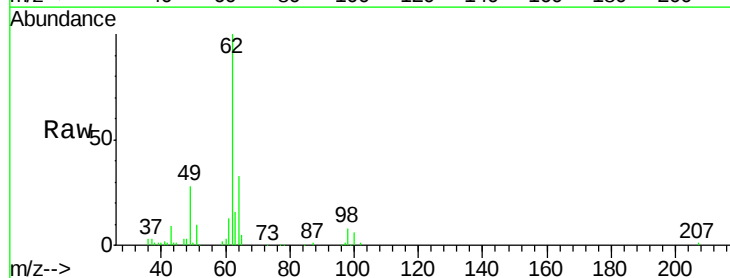


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

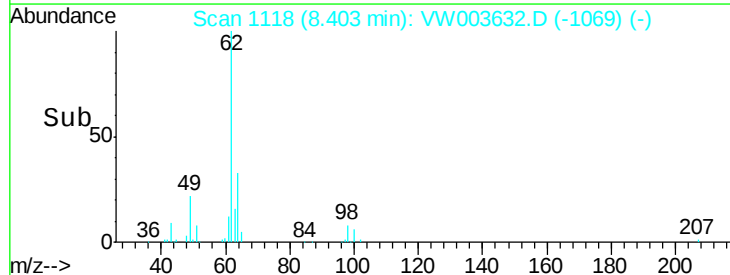
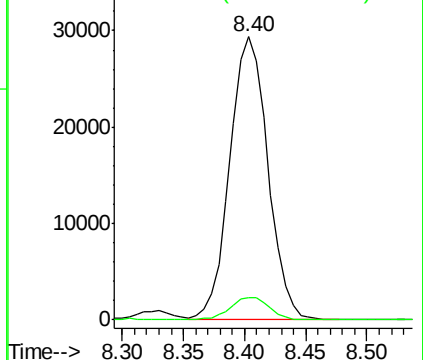


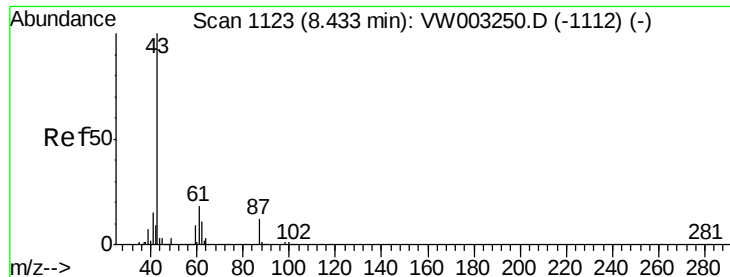
#42
1,2-Dichloroethane
Concen: 22.540 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Tgt Ion:	62	Resp:	63326
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.2



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





#43

Isopropyl Acetate

Concen: 20.703 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :

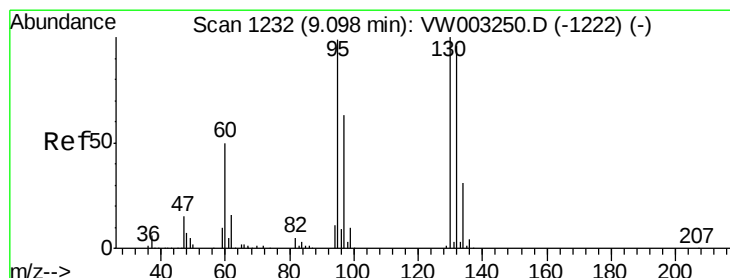
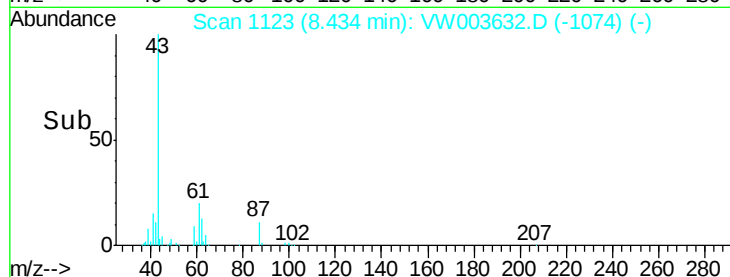
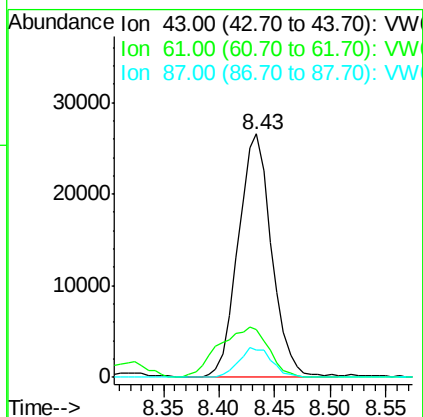
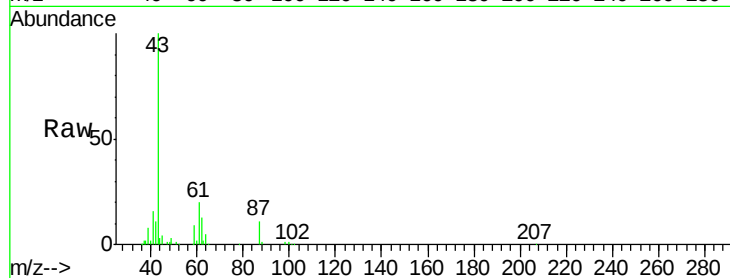
Tot Ion: 43 Resp: 55404

Ion Ratio Lower Upper

43 100

61 30.6 23.1 34.7

87 12.1 9.8 14.6



#44

Trichloroethene

Concen: 22.543 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VW003632.D

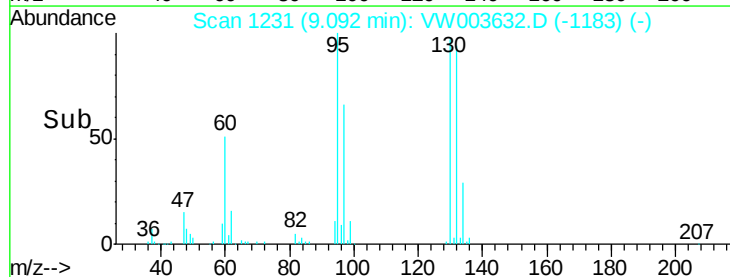
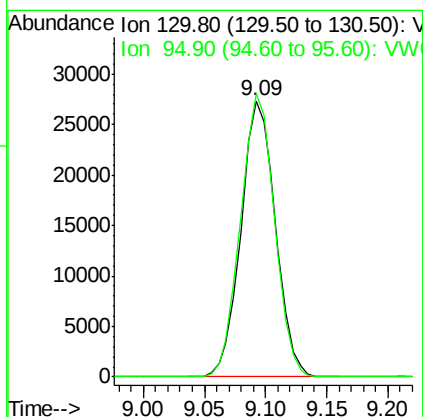
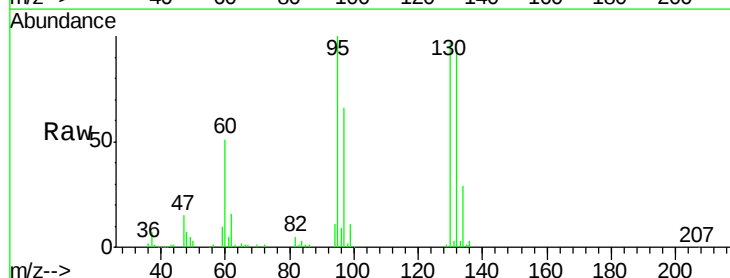
Acq: 28 Jun 2018 12:31

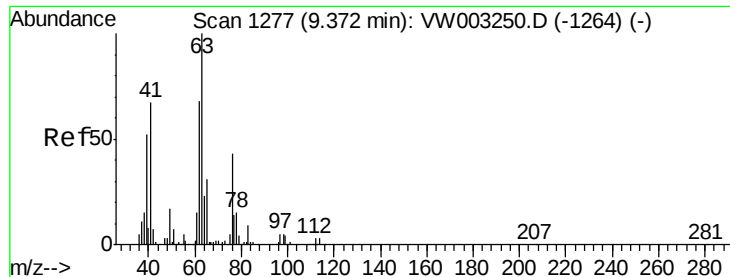
Tgt Ion: 130 Resp: 53564

Ion Ratio Lower Upper

130 100

95 102.7 0.0 198.0

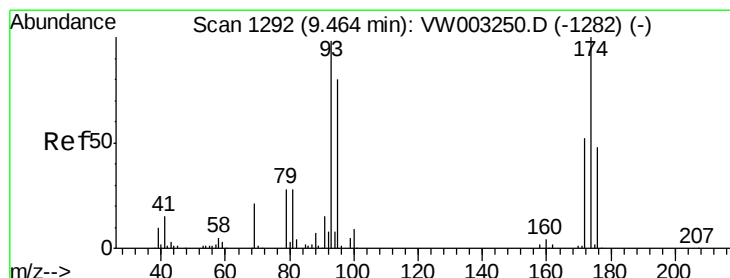
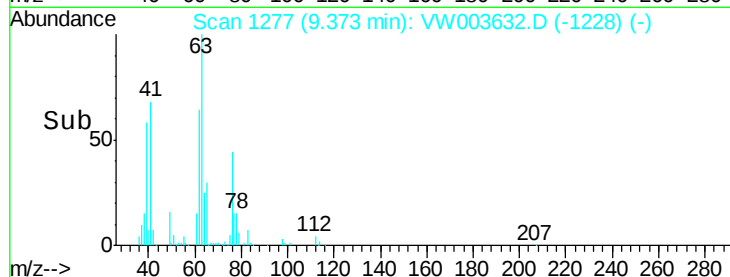
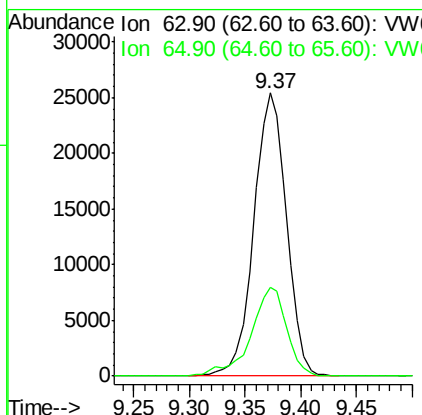
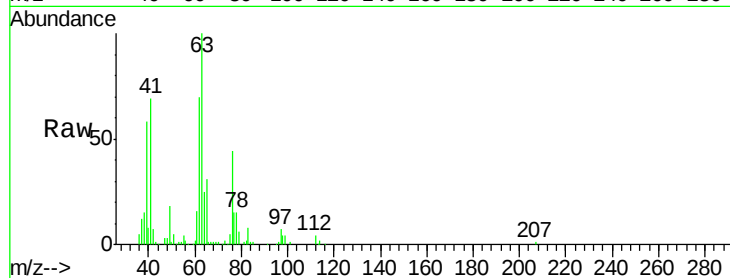




#45
1,2-Dichloropropane
Concen: 22.723 ug/l
RT: 9.37 min Scan# 1277
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

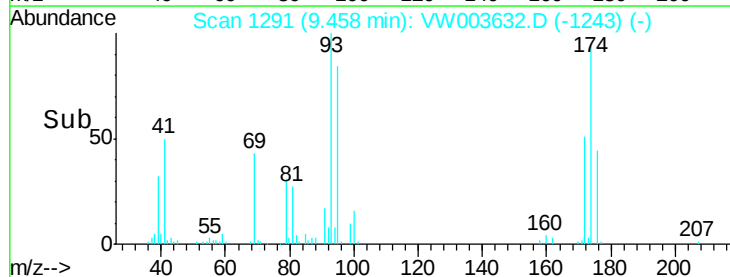
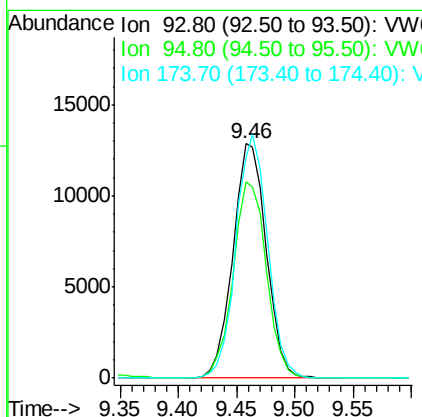
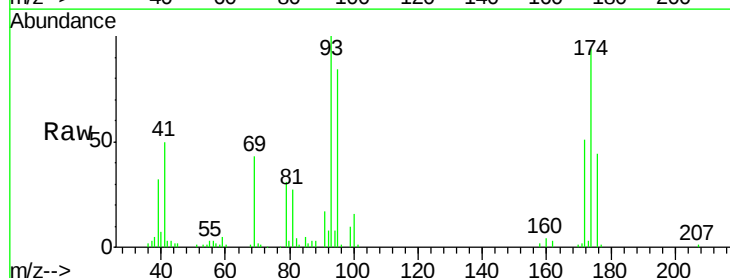
Instrument :
MSVOA_W
ClientSampled :

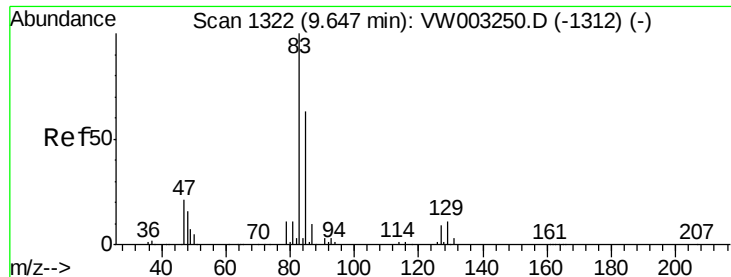
Tot Ion: 63 Resp: 51880
Ion Ratio Lower Upper
63 100
65 31.2 25.1 37.7



#46
Dibromomethane
Concen: 21.920 ug/l
RT: 9.46 min Scan# 1291
Delta R.T. -0.01 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Tgt Ion: 93 Resp: 25623
Ion Ratio Lower Upper
93 100
95 83.6 65.8 98.8
174 99.1 81.4 122.0





#47

Bromodichloromethane

Concen: 22.284 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Instrument :
MSVOA_W
ClientSampled :

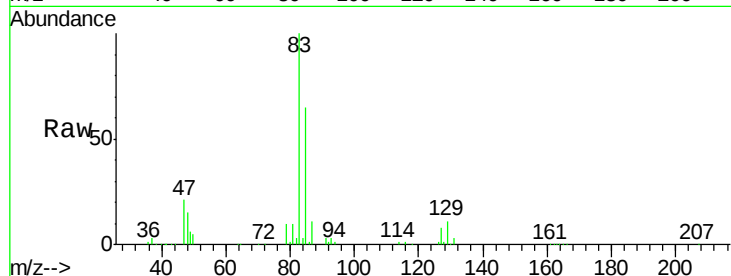
Tot Ion: 83 Resp: 66770

Ion Ratio Lower Upper

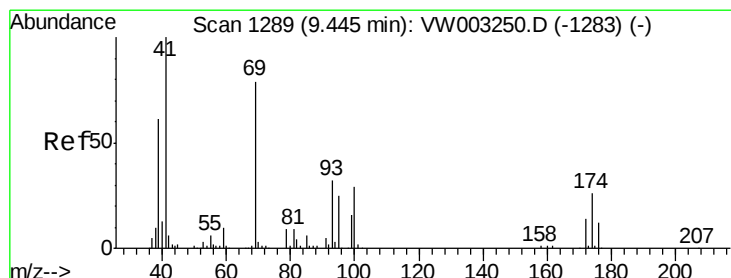
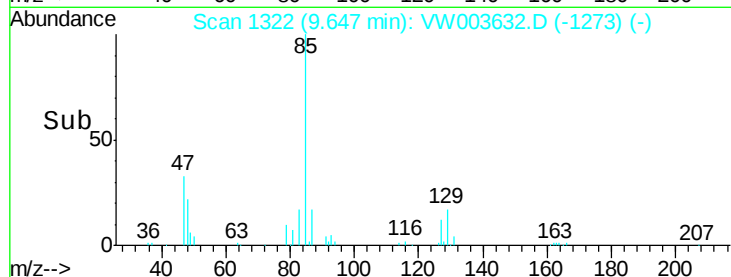
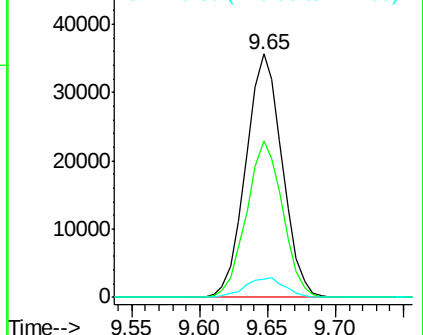
83 100

85 64.6 50.6 75.8

127 7.7 6.8 10.2



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



#48

Methyl methacrylate

Concen: 21.549 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

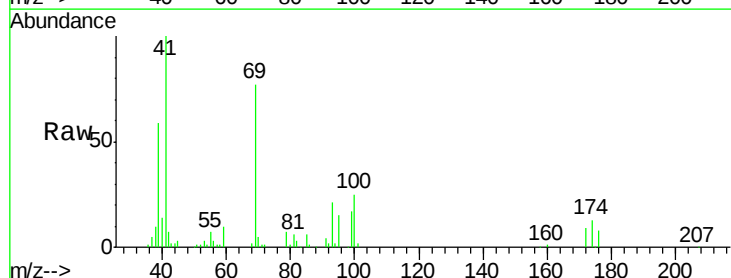
Tgt Ion: 41 Resp: 27101

Ion Ratio Lower Upper

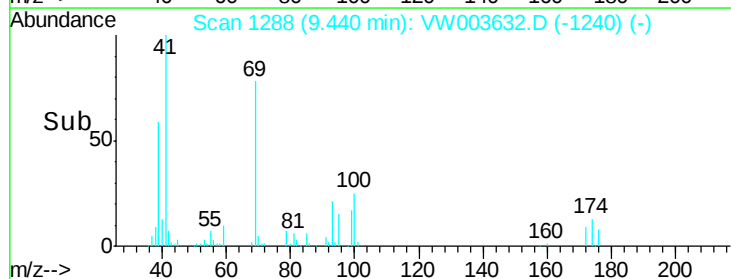
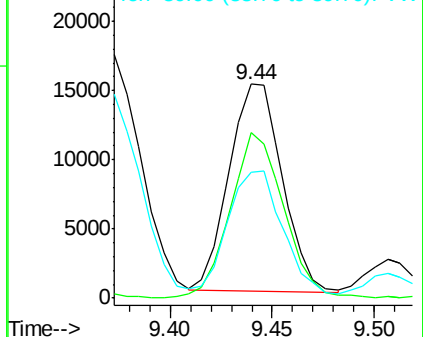
41 100

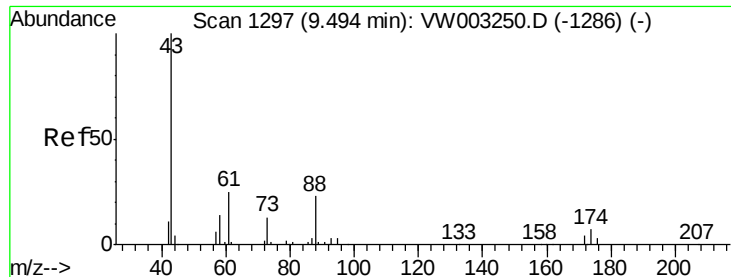
69 80.4 65.4 98.2

39 64.5 54.2 81.2



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

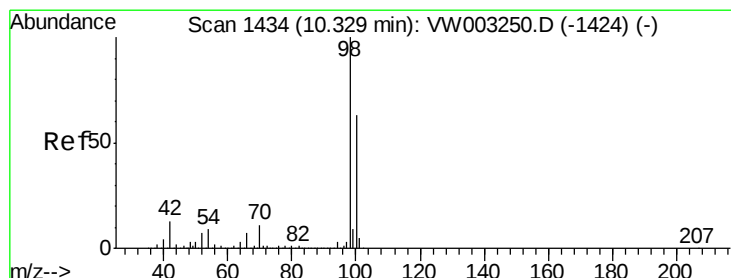
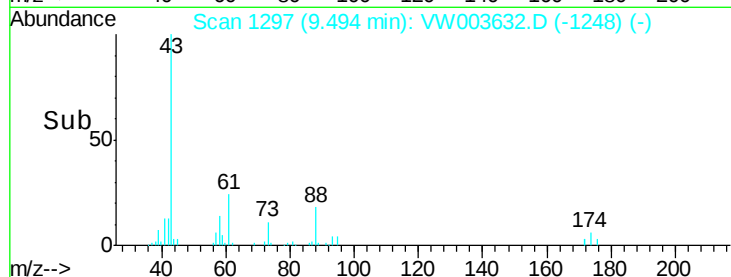
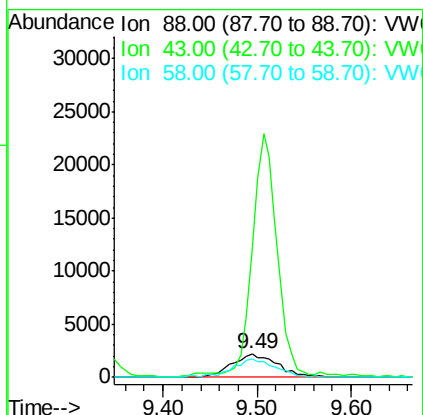
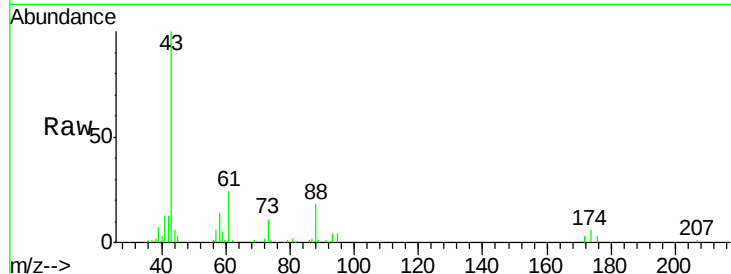




#49
 1,4-Dioxane
 Concen: 419.949 ug/l
 RT: 9.49 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: VW003632.D
 Acq: 28 Jun 2018 12:31

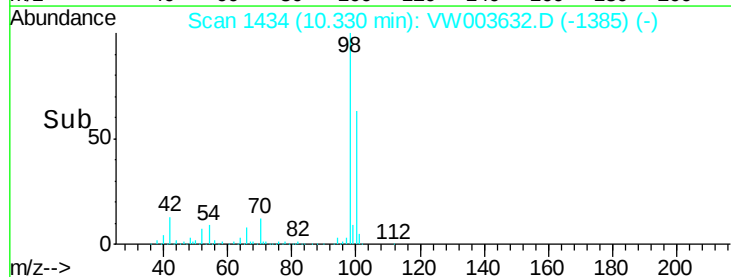
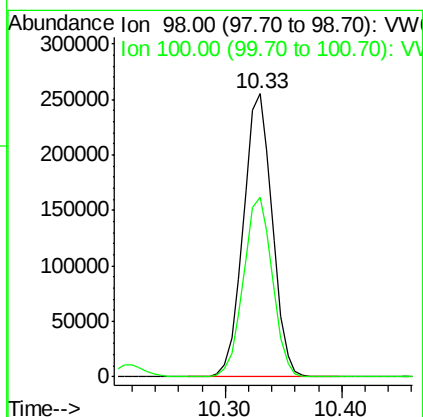
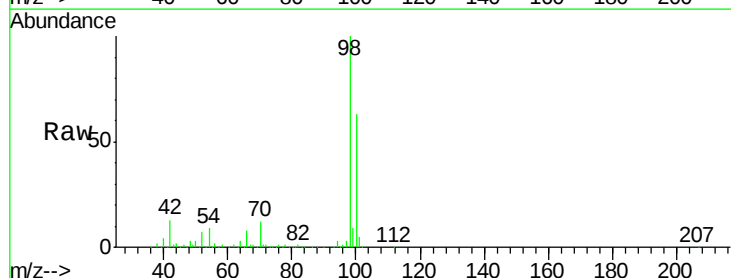
Instrument :
 MSVOA_W
 ClientSampleId :

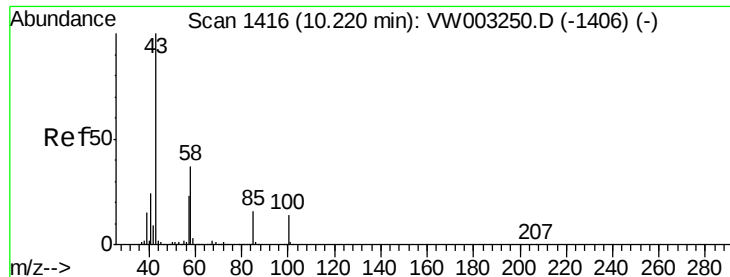
Tot Ion: 88 Resp: 7412
 Ion Ratio Lower Upper
 88 100
 43 559.0 454.7 682.1
 58 75.1 58.6 88.0



#50
 Toluene-d8
 Concen: 53.305 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW003632.D
 Acq: 28 Jun 2018 12:31

Tgt Ion: 98 Resp: 442424
 Ion Ratio Lower Upper
 98 100
 100 63.4 50.8 76.2





#51

4-Methyl-2-Pentanone

Concen: 104.927 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Instrument :

MSVOA_W

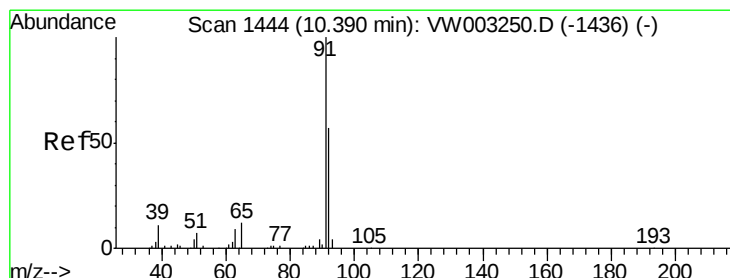
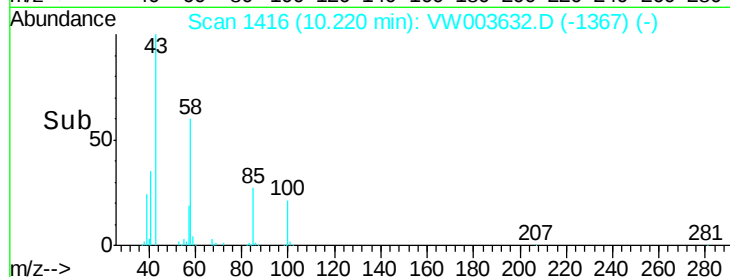
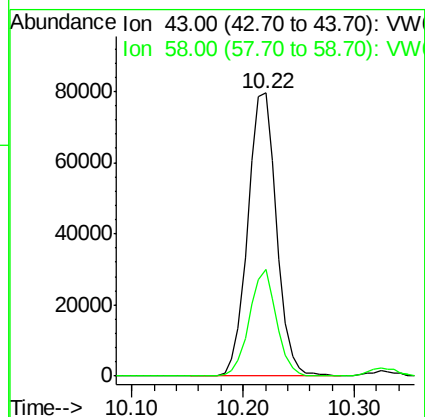
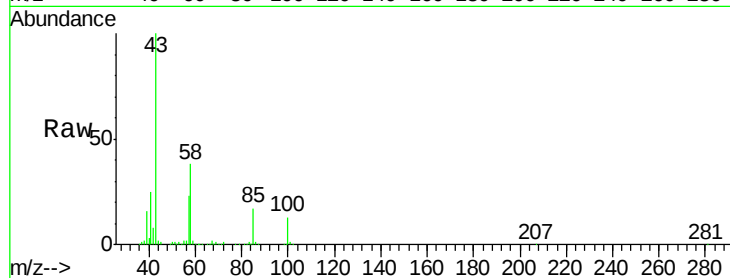
ClientSampled :

Tot Ion: 43 Resp: 143080

Ion Ratio Lower Upper

43 100

58 35.5 29.0 43.4



#52

Toluene

Concen: 22.780 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003632.D

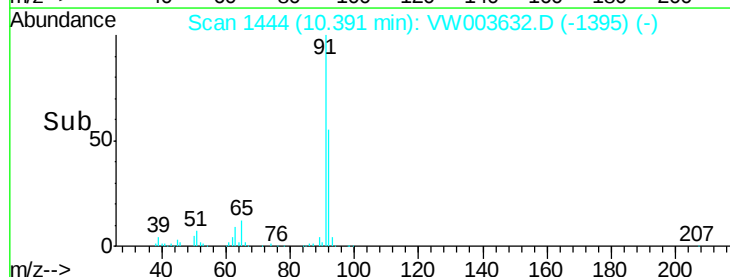
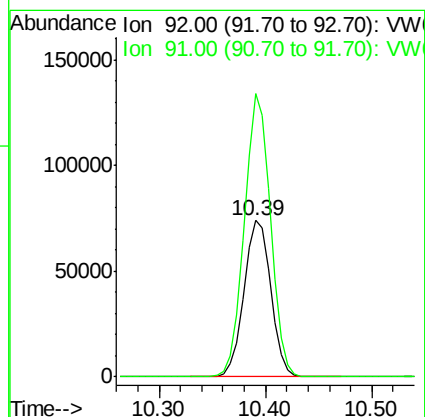
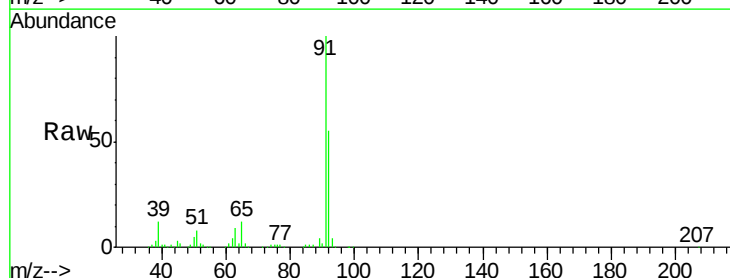
Acq: 28 Jun 2018 12:31

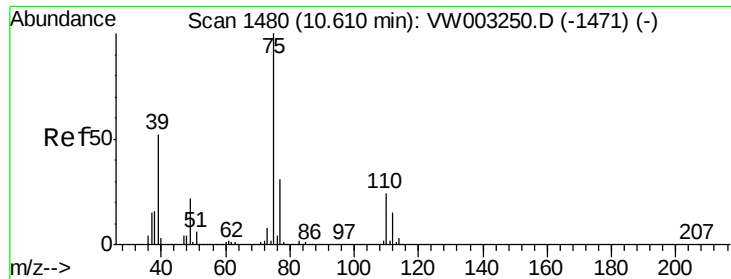
Tgt Ion: 92 Resp: 130991

Ion Ratio Lower Upper

92 100

91 176.8 141.1 211.7





#53

t-1,3-Dichloropropene

Concen: 21.778 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Instrument :

MSVOA_W

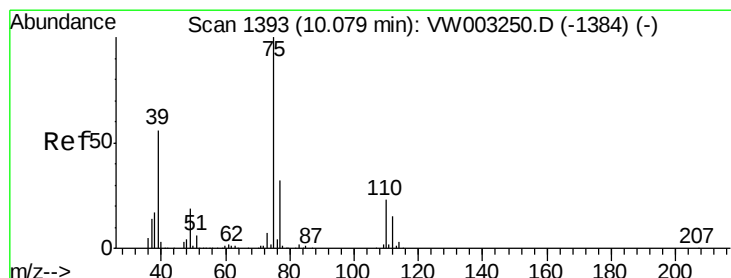
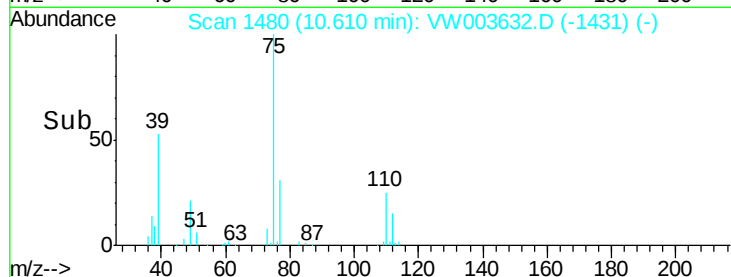
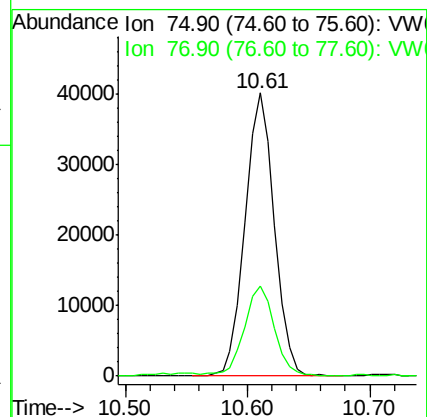
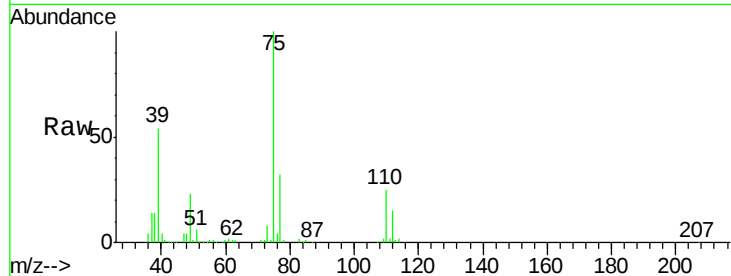
ClientSampleId :

Tot Ion: 75 Resp: 66659

Ion Ratio Lower Upper

75 100

77 31.5 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 22.084 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

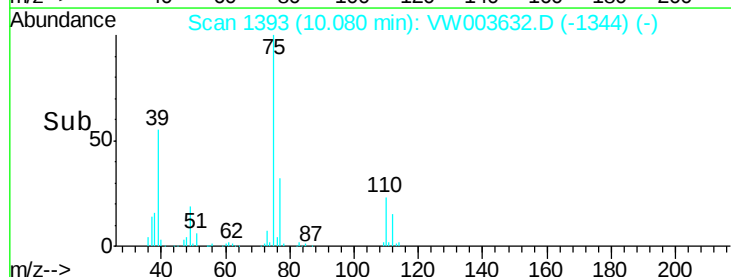
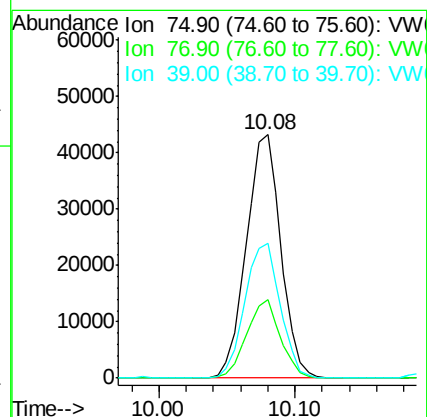
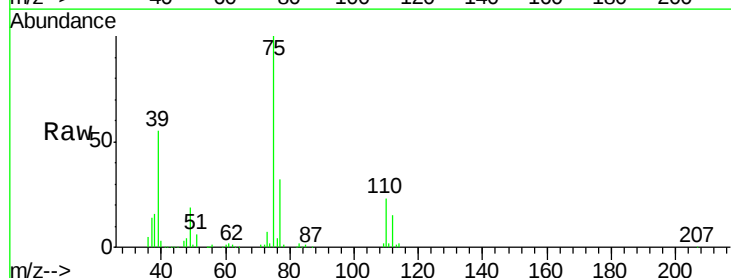
Tgt Ion: 75 Resp: 76935

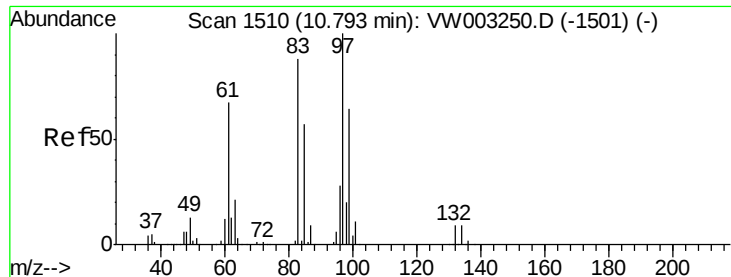
Ion Ratio Lower Upper

75 100

77 32.4 25.8 38.6

39 55.1 45.2 67.8





#55

1,1,2-Trichloroethane

Concen: 22.311 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 97 Resp: 36751

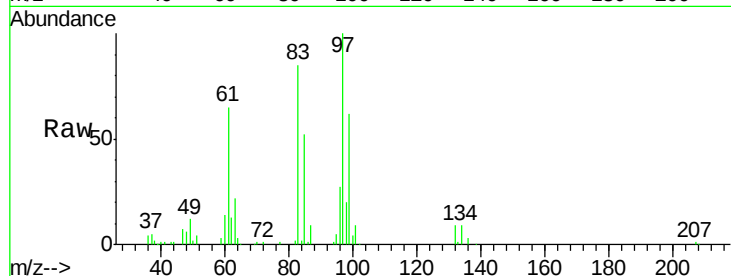
Ion	Ratio	Lower	Upper
97	100		
83	85.0	70.2	105.2
85	52.5	45.6	68.4
99	62.1	51.2	76.8

97 100

83 85.0 70.2 105.2

85 52.5 45.6 68.4

99 62.1 51.2 76.8



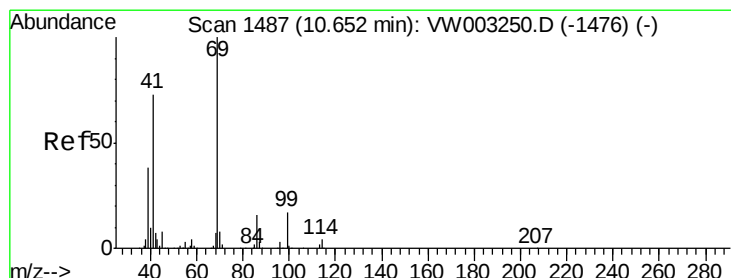
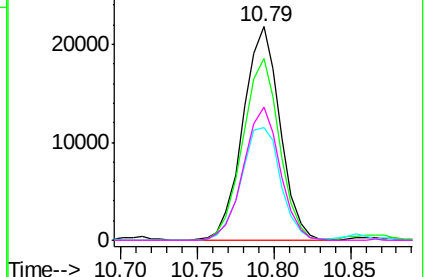
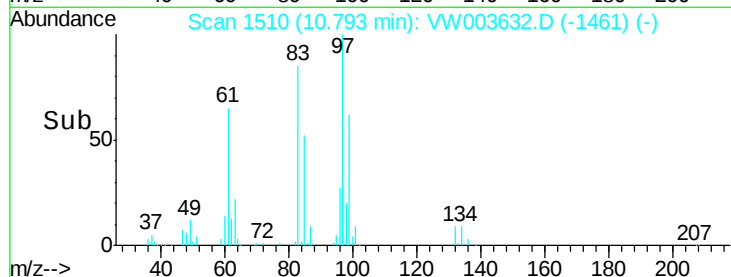
Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW

Time-->



#56

Ethyl methacrylate

Concen: 20.138 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

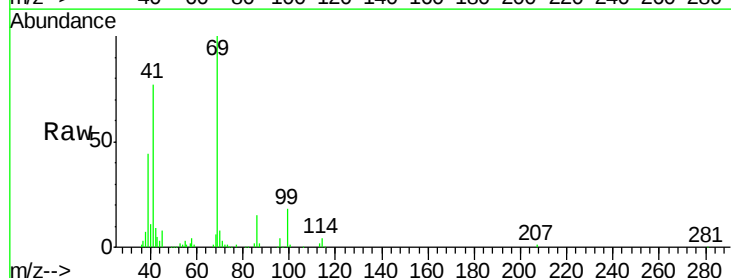
Tgt Ion: 69 Resp: 40281

Ion	Ratio	Lower	Upper
69	100		
41	75.4	57.8	86.6
39	40.2	32.7	49.1

69 100

41 75.4 57.8 86.6

39 40.2 32.7 49.1

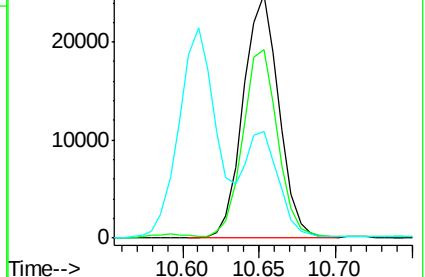
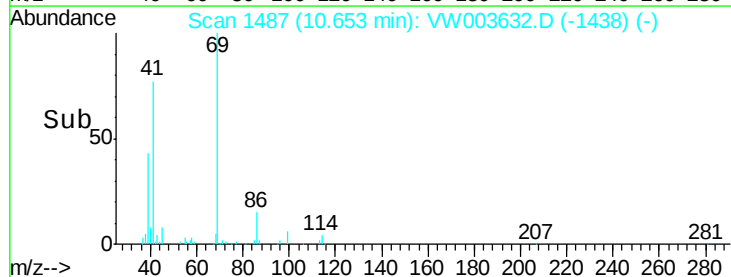


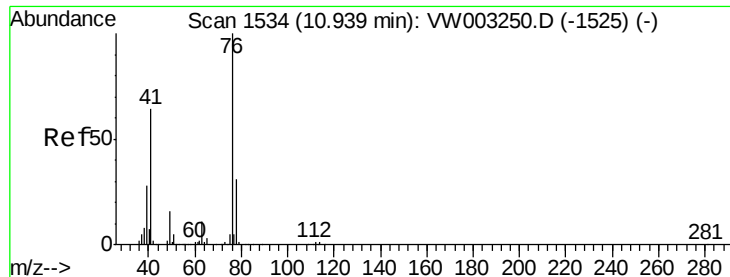
Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Time-->

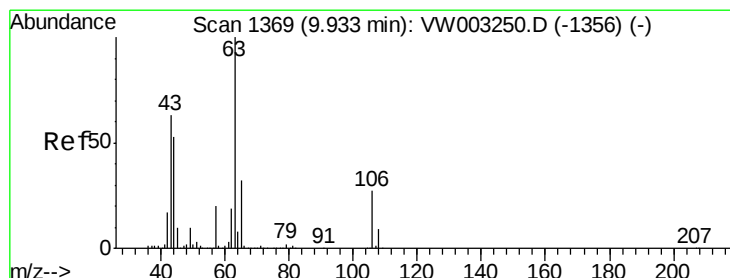
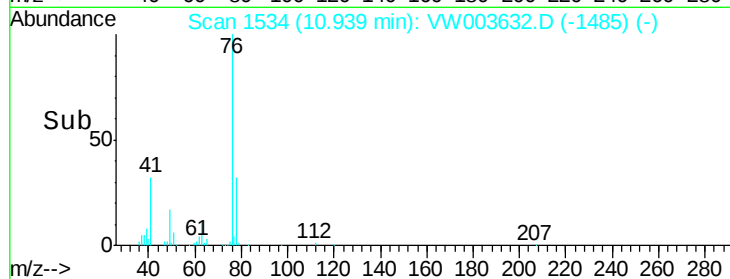
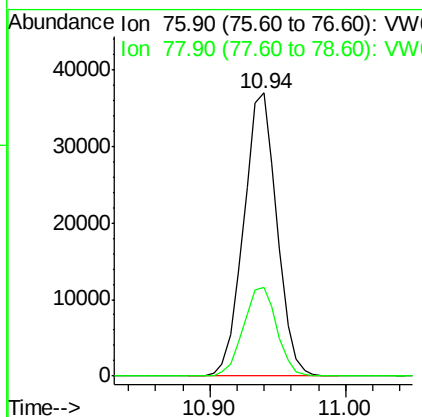
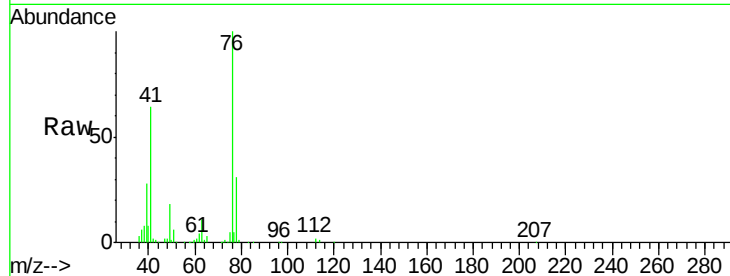




#57
 1,3-Dichloropropane
 Concen: 22.151 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003632.D
 Acq: 28 Jun 2018 12:31

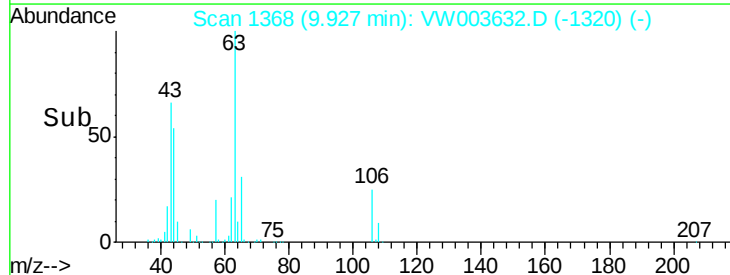
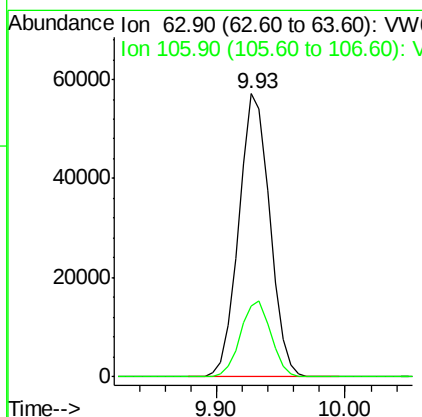
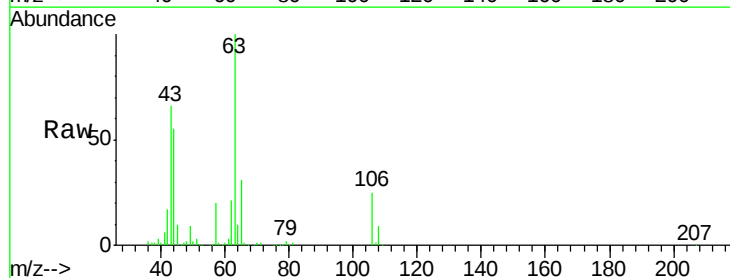
Instrument :
 MSVOA_W
 ClientSampled :

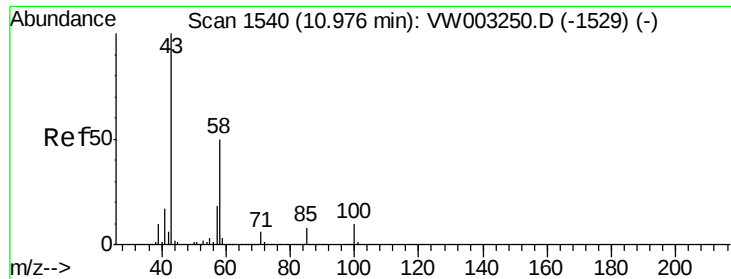
Tot Ion: 76 Resp: 62929
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.047 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW003632.D
 Acq: 28 Jun 2018 12:31

Tgt Ion: 63 Resp: 95089
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.8 32.8

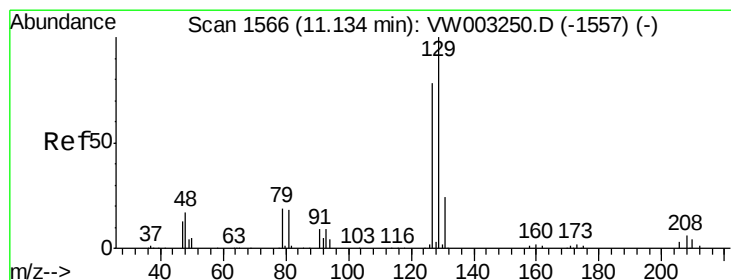
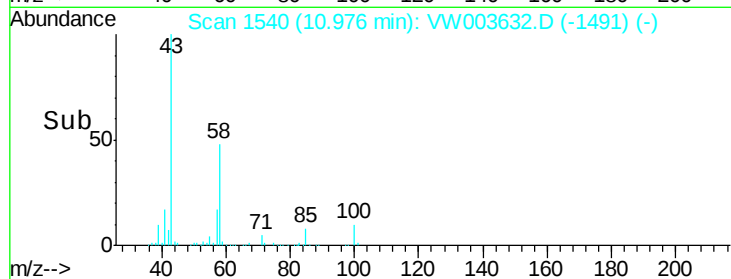
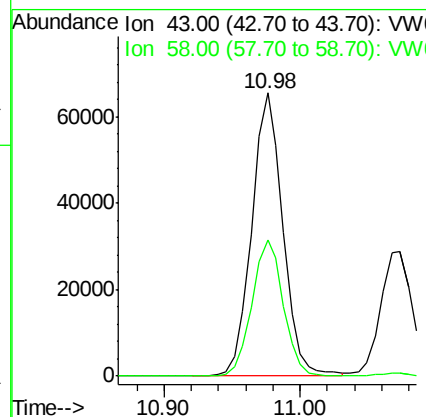
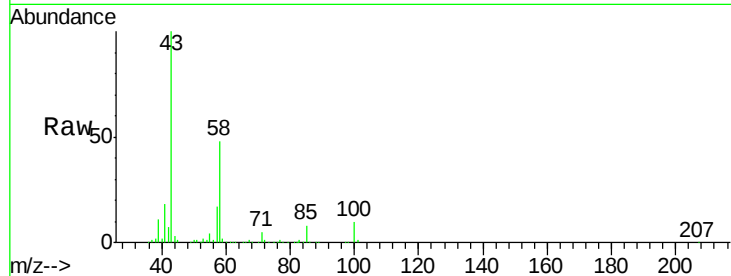




#59
2-Hexanone
Concen: 110.511 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

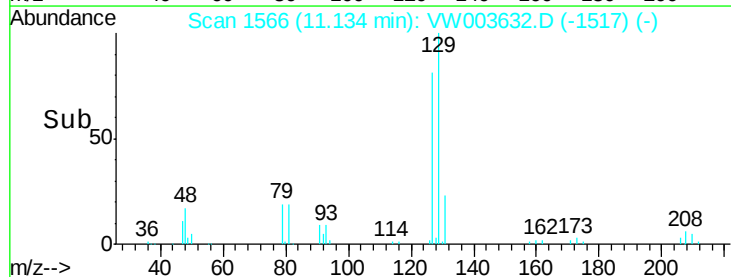
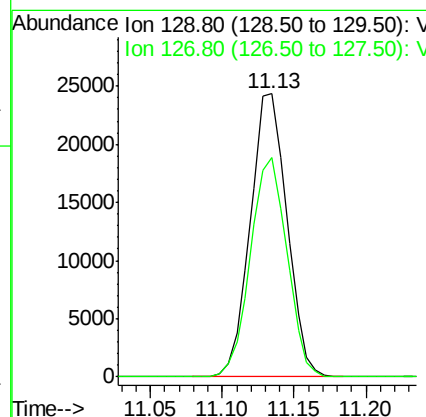
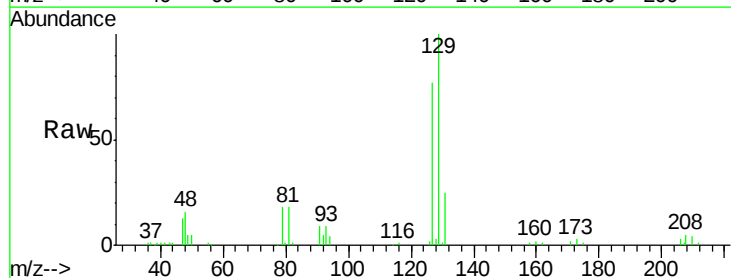
Instrument :
MSVOA_W
ClientSampleId :

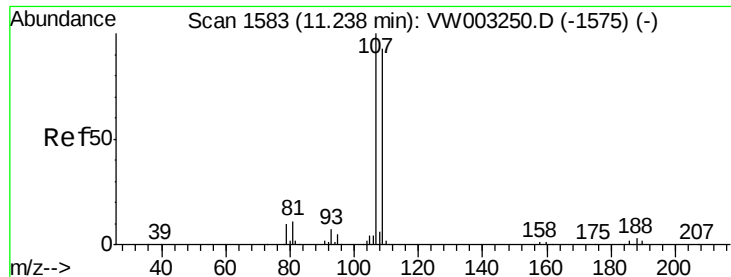
Tot Ion: 43 Resp: 105273
Ion Ratio Lower Upper
43 100
58 48.5 25.0 75.0



#60
Dibromochloromethane
Concen: 21.932 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Tgt Ion: 129 Resp: 42963
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.5

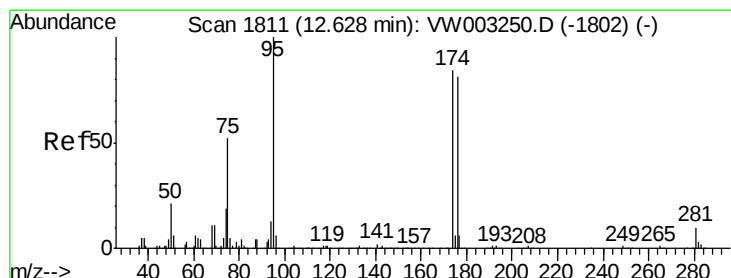
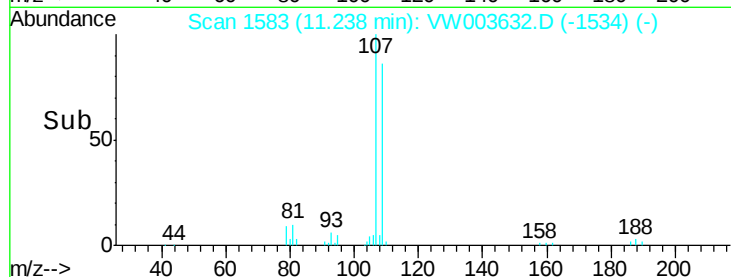
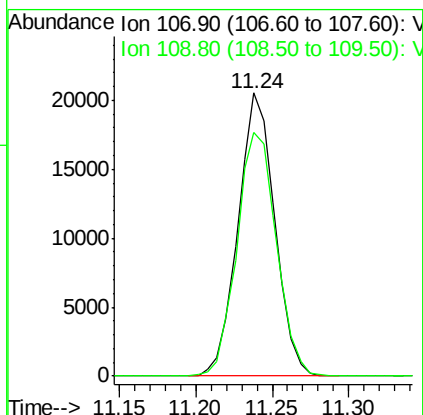
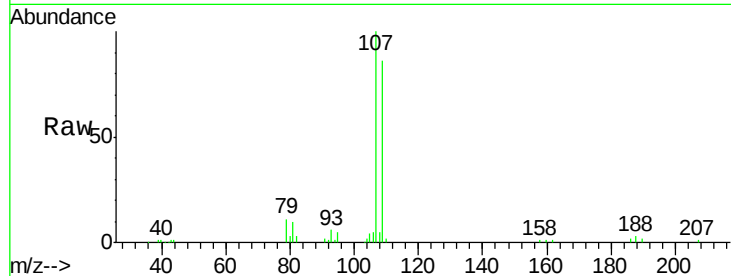




#61
 1,2-Dibromoethane
 Concen: 21.907 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003632.D
 Acq: 28 Jun 2018 12:31

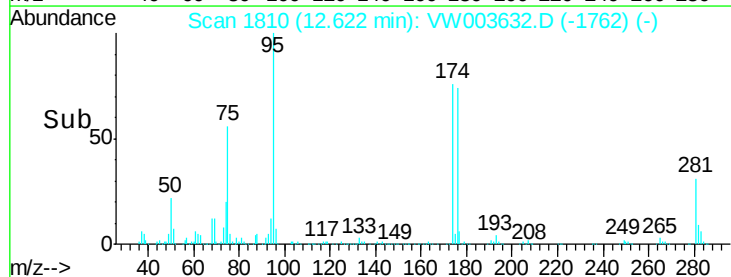
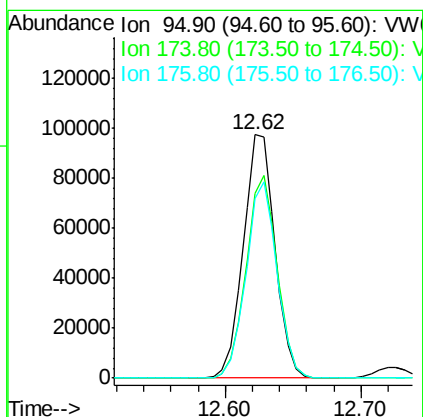
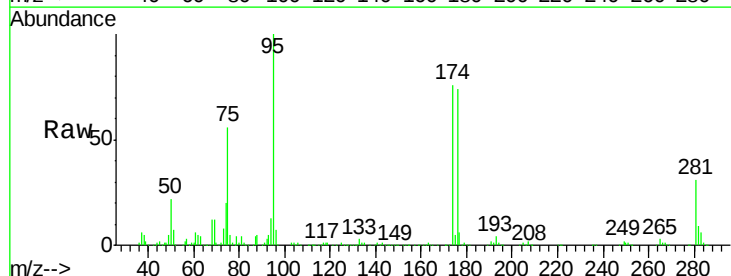
Instrument :
 MSVOA_W
 ClientSampleId :

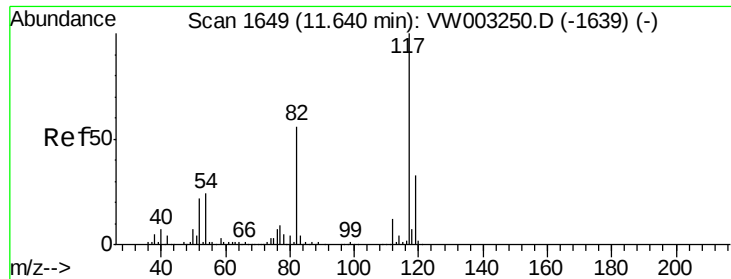
Tot Ion:107 Resp: 34134
 Ion Ratio Lower Upper
 107 100
 109 92.7 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 53.996 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: VW003632.D
 Acq: 28 Jun 2018 12:31

Tgt Ion: 95 Resp: 158599
 Ion Ratio Lower Upper
 95 100
 174 81.8 0.0 166.4
 176 78.8 0.0 162.0

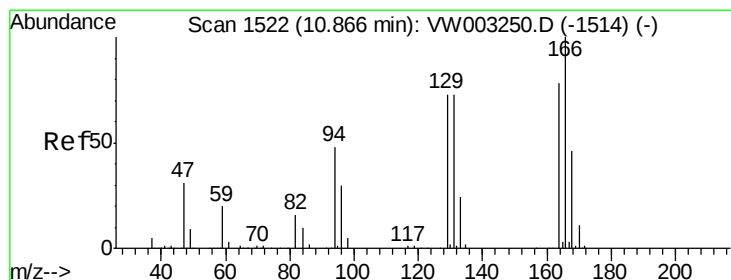
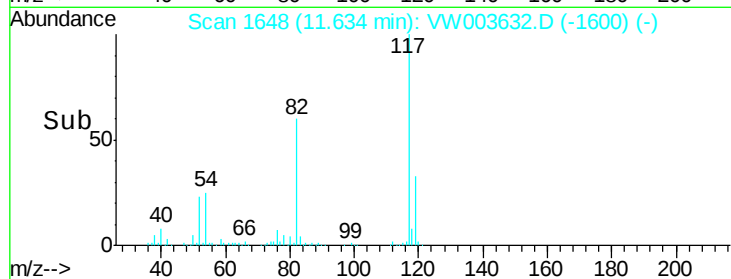
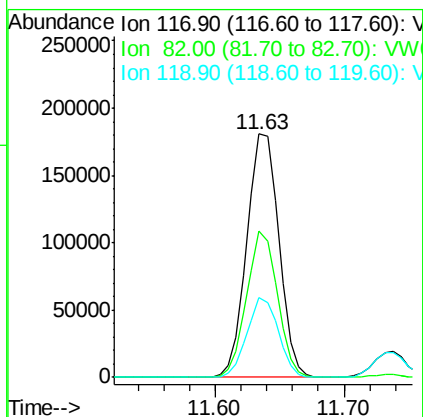
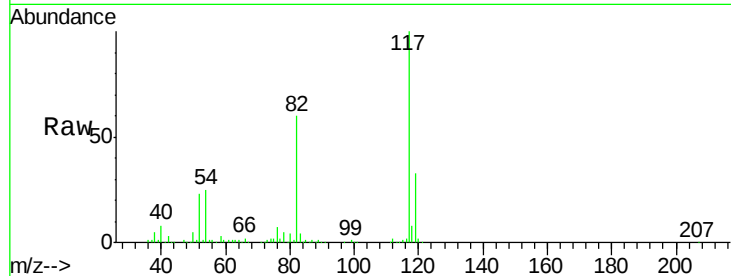




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

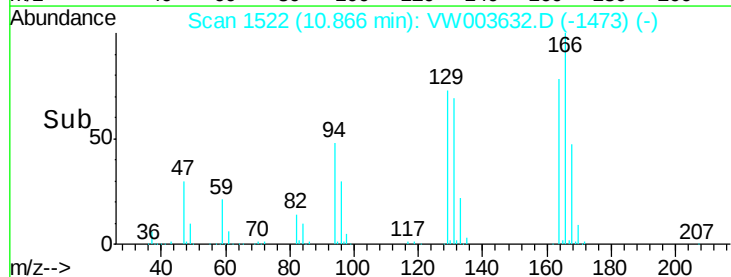
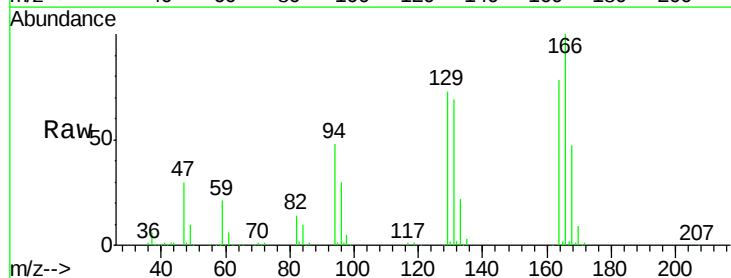
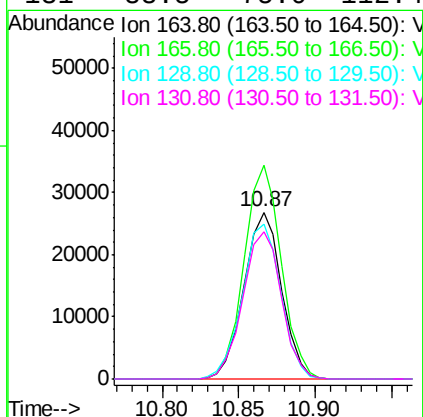
Instrument :
MSVOA_W
ClientSampleId :

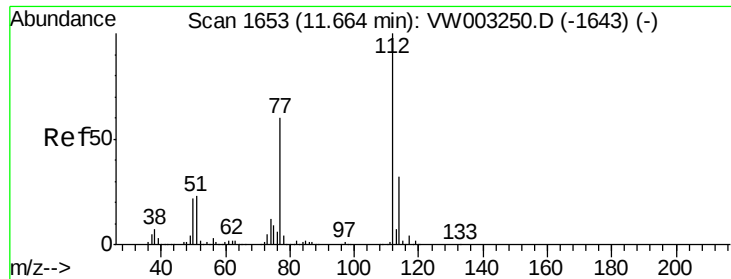
Tot Ion:117 Resp: 310993
Ion Ratio Lower Upper
117 100
82 60.0 44.6 67.0
119 32.8 26.7 40.1



#64
Tetrachloroethene
Concen: 22.068 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Tgt Ion:164 Resp: 45904
Ion Ratio Lower Upper
164 100
166 128.3 102.6 154.0
129 93.2 75.2 112.8
131 88.5 75.0 112.4





#65

Chlorobenzene

Concen: 22.106 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Instrument :

MSVOA_W

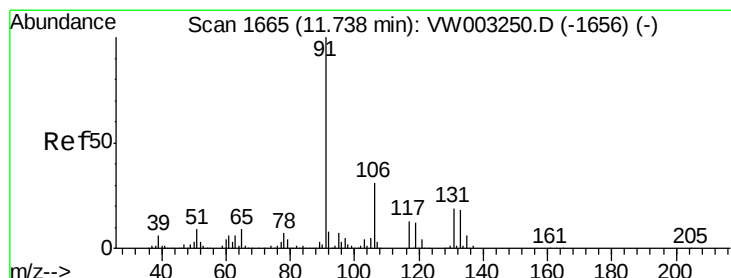
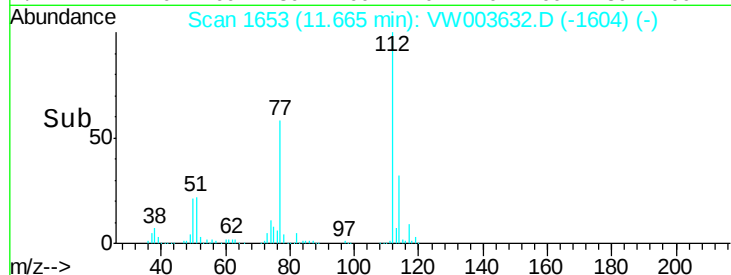
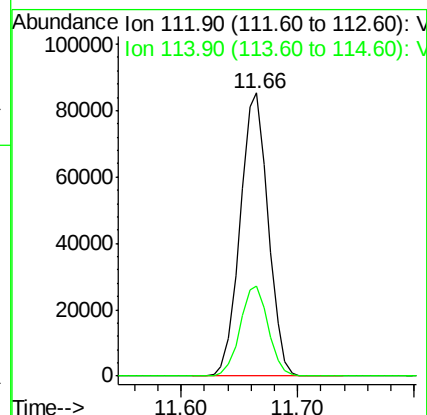
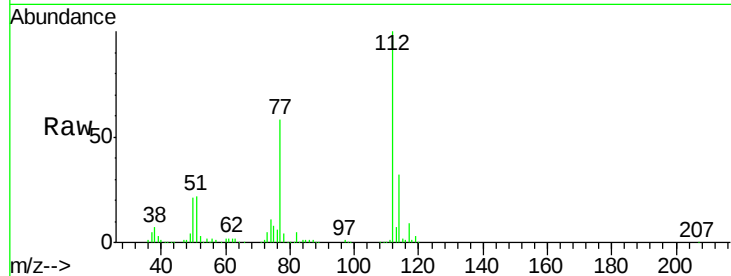
ClientSampleId :

Tot Ion:112 Resp: 143163

Ion Ratio Lower Upper

112 100

114 31.8 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 21.519 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

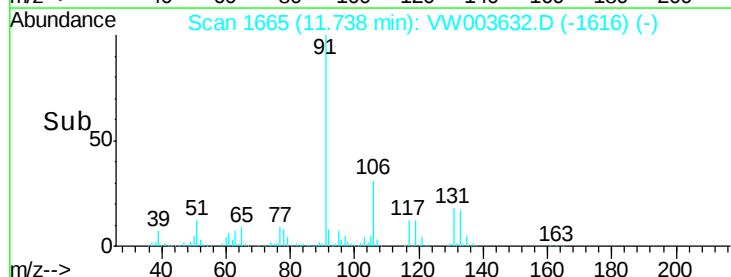
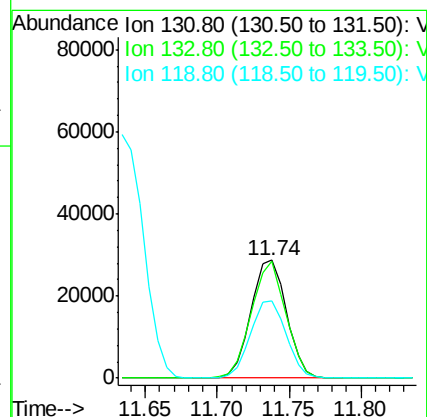
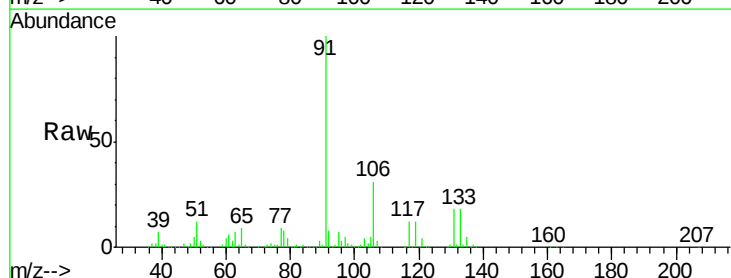
Tgt Ion:131 Resp: 48975

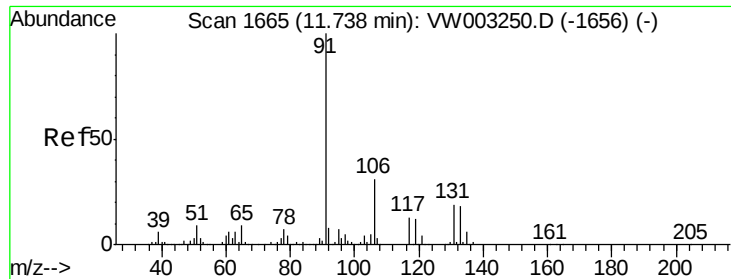
Ion Ratio Lower Upper

131 100

133 96.1 47.3 142.0

119 66.3 32.5 97.4

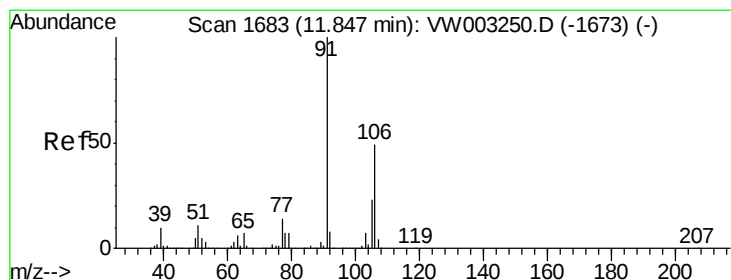
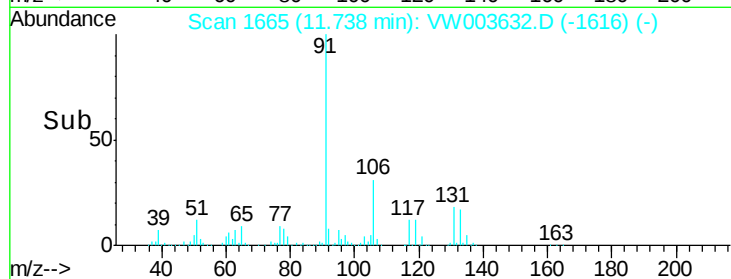
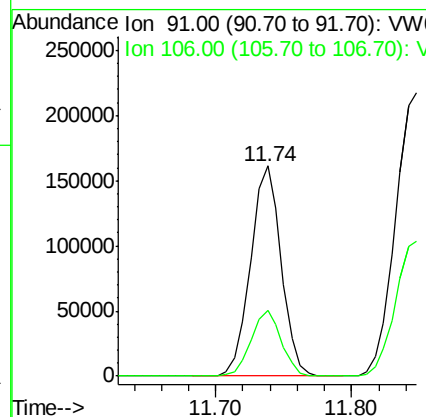
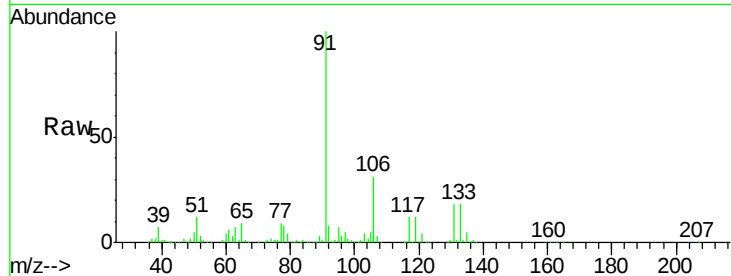




#67
Ethyl Benzene
Concen: 22.131 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

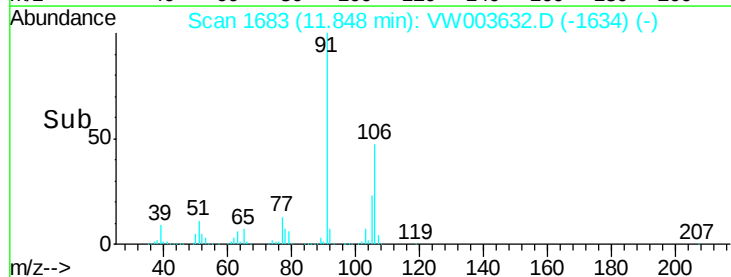
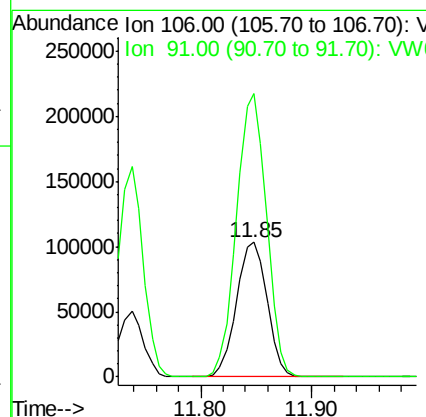
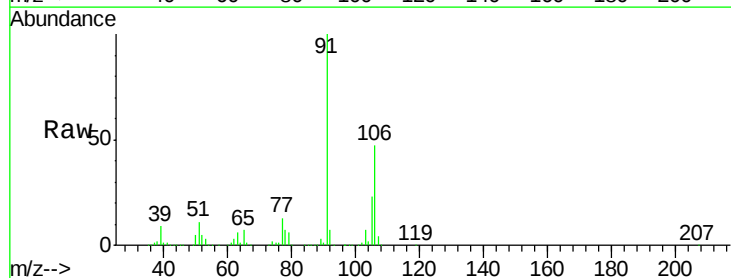
Instrument :
MSVOA_W
ClientSampled :

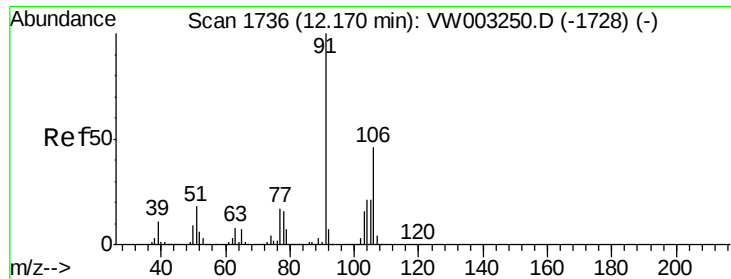
Tot Ion: 91 Resp: 254056
Ion Ratio Lower Upper
91 100
106 31.5 24.7 37.1



#68
m/p-Xylenes
Concen: 44.997 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Tgt Ion: 106 Resp: 196362
Ion Ratio Lower Upper
106 100
91 206.6 165.4 248.0

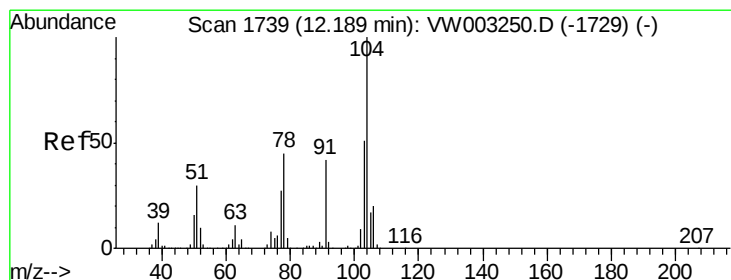
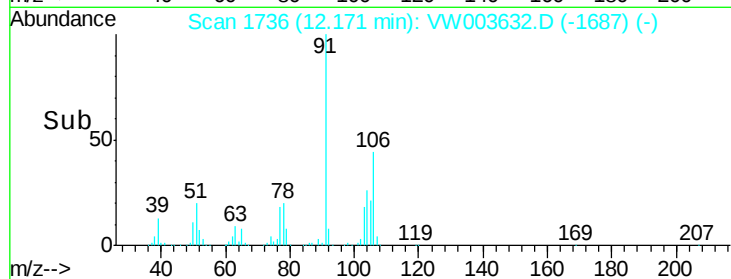
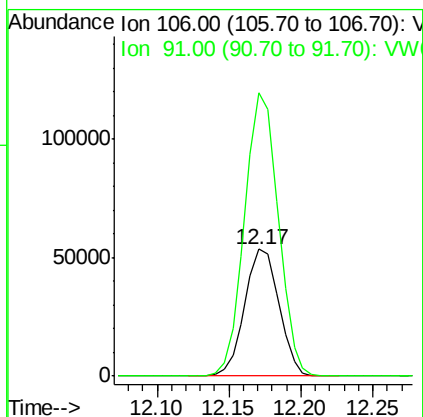
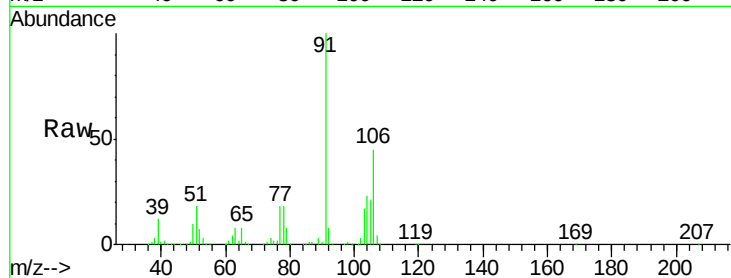




#69
o-Xylene
Concen: 21.877 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

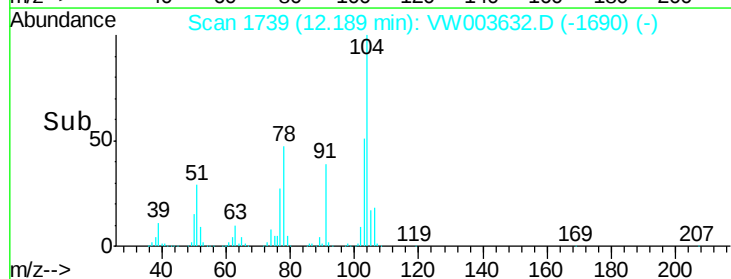
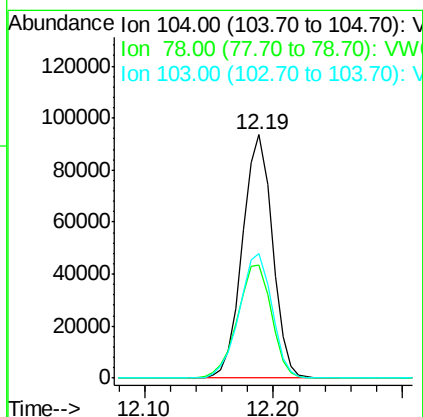
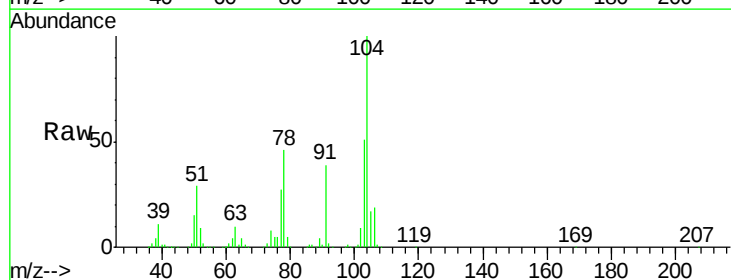
Instrument :
MSVOA_W
ClientSampled :

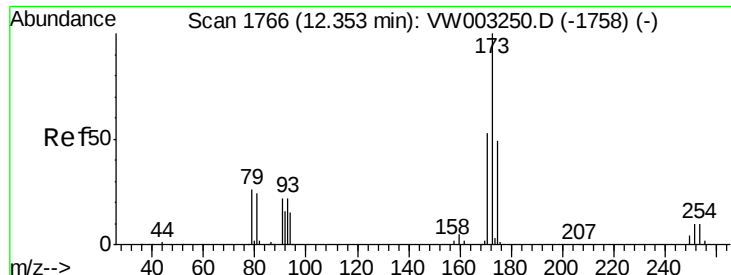
Tot Ion:106 Resp: 88480
Ion Ratio Lower Upper
106 100
91 219.7 108.6 325.6



#70
Styrene
Concen: 22.409 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Tgt Ion:104 Resp: 150851
Ion Ratio Lower Upper
104 100
78 53.0 41.3 61.9
103 56.0 45.0 67.4

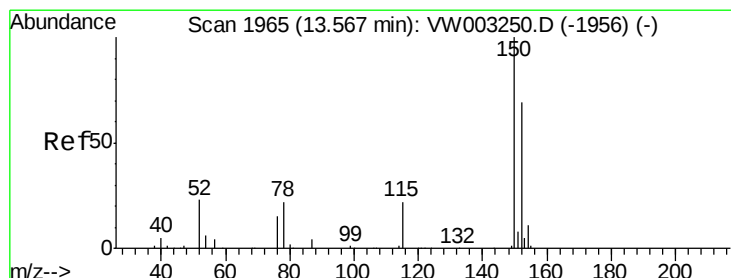
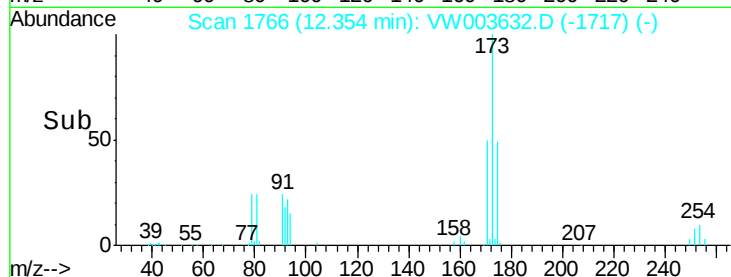
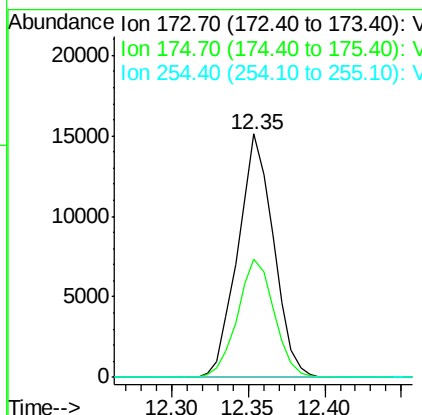
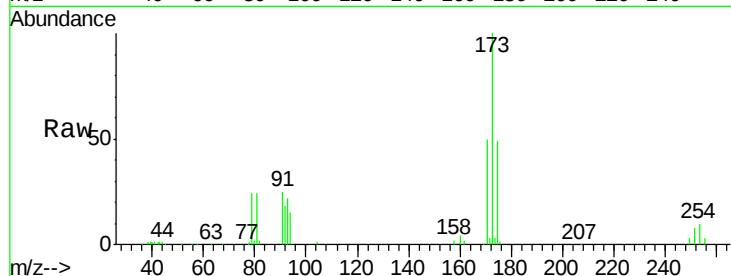




#71
Bromoform
Concen: 20.721 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

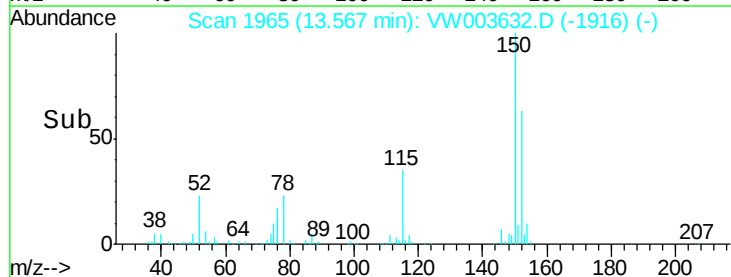
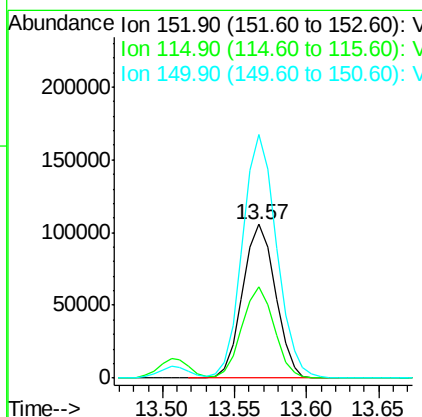
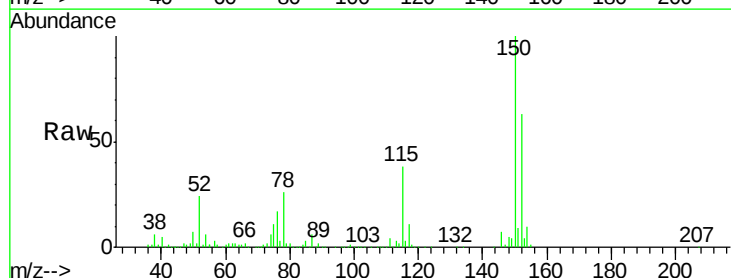
Instrument :
MSVOA_W
ClientSampleId :

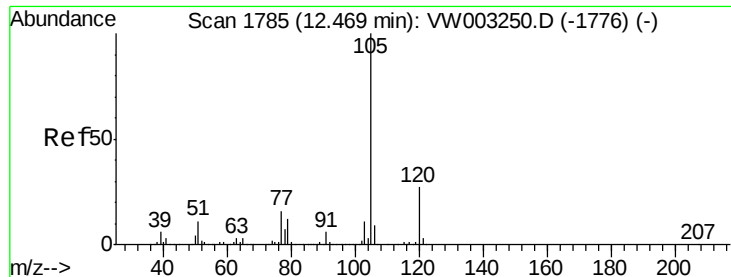
Tot Ion:173 Resp: 24440
Ion Ratio Lower Upper
173 100
175 49.8 24.4 73.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Tgt Ion:152 Resp: 167638
Ion Ratio Lower Upper
152 100
115 58.1 29.3 88.0
150 163.7 0.0 349.6





#73

Isopropylbenzene

Concen: 21.681 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Instrument :

MSVOA_W

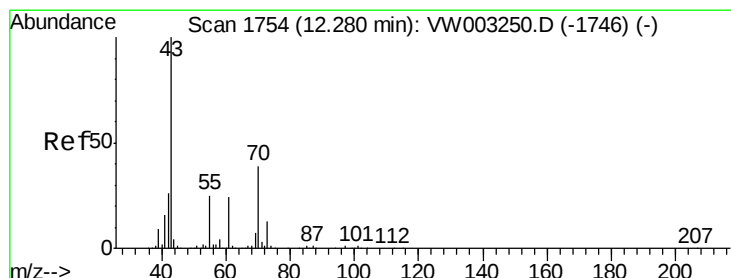
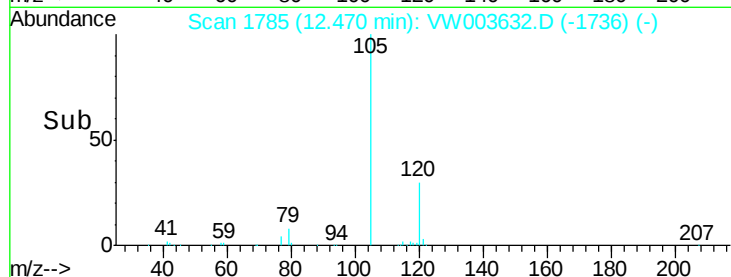
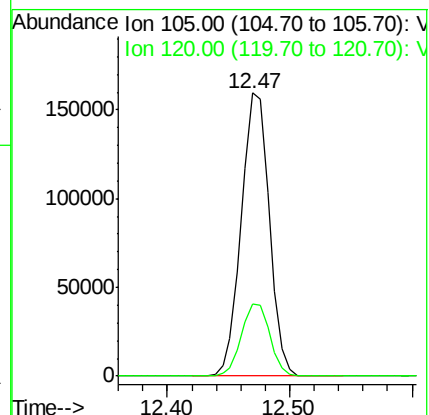
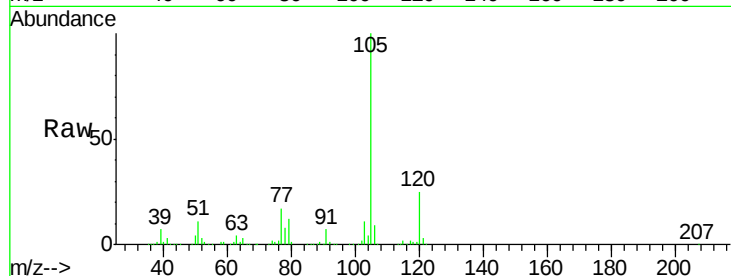
ClientSampleId :

Tot Ion:105 Resp: 252803

Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.6



#74

N-ethyl acetate

Concen: 20.240 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Tgt Ion: 43 Resp: 53715

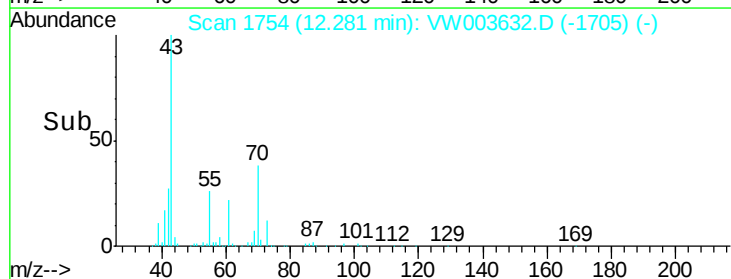
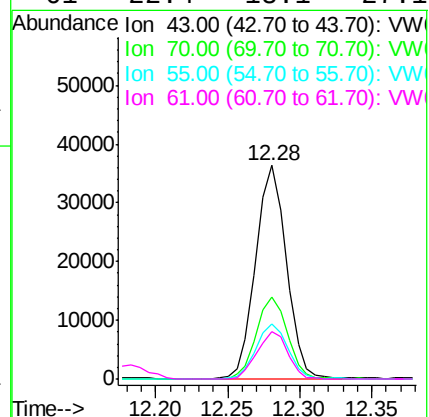
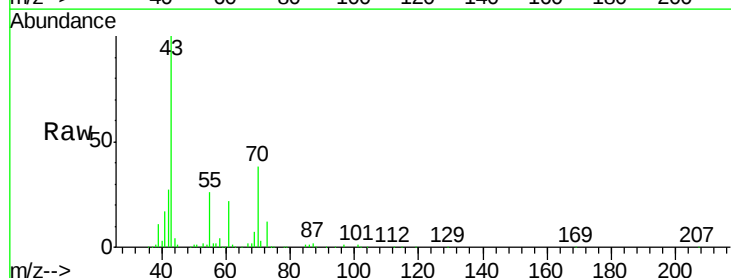
Ion Ratio Lower Upper

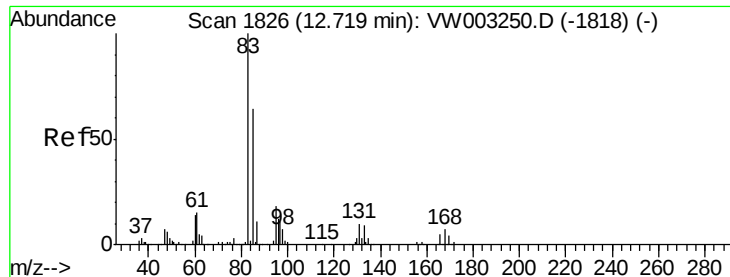
43 100

70 39.2 31.0 46.6

55 26.6 19.7 29.5

61 22.4 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.538 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Instrument :

MSVOA_W

ClientSampleId :

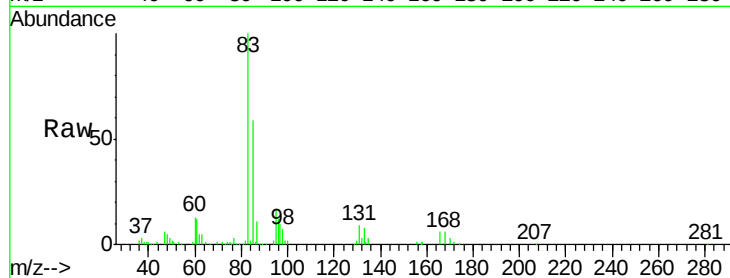
Tot Ion: 83 Resp: 42487

Ion Ratio Lower Upper

83 100

131 10.4 5.4 16.2

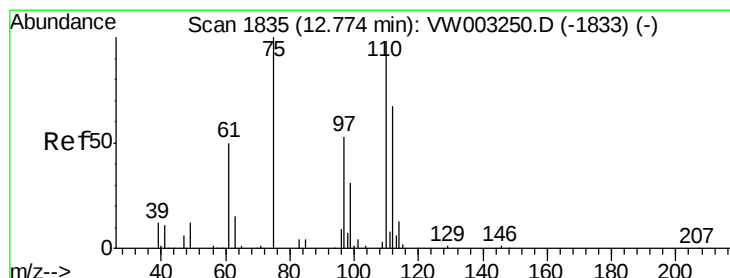
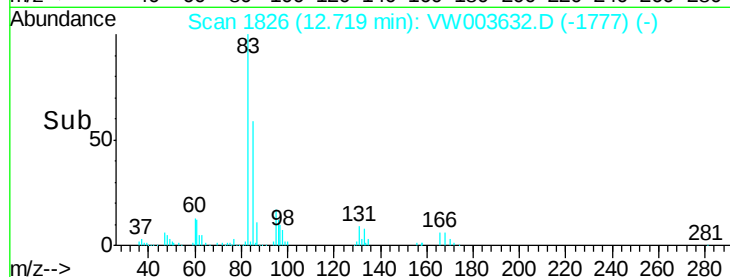
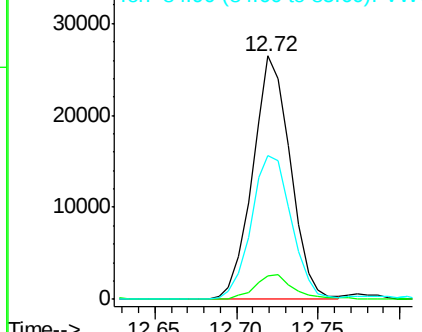
85 62.9 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 39.135 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003632.D

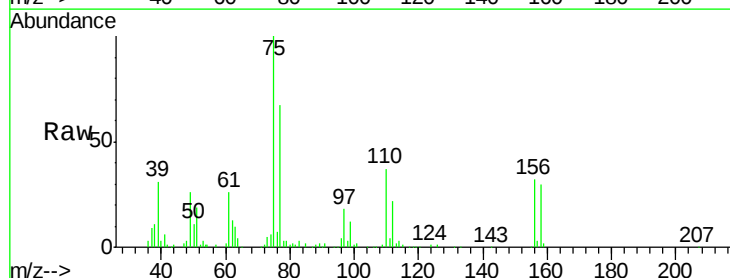
Acq: 28 Jun 2018 12:31

Tgt Ion: 75 Resp: 56085

Ion Ratio Lower Upper

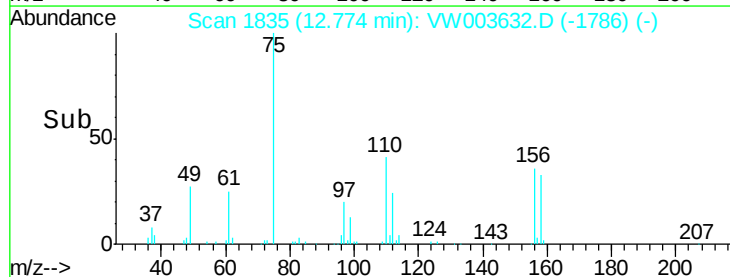
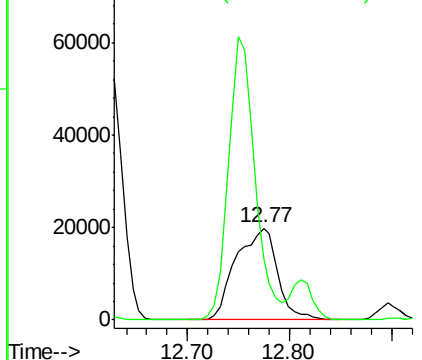
75 100

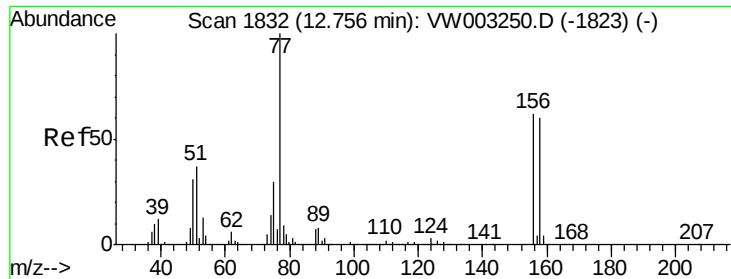
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.706 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Instrument :

MSVOA_W

ClientSampled :

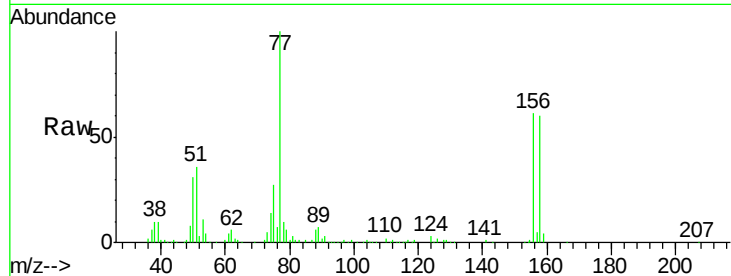
Tot Ion:156 Resp: 58943

Ion Ratio Lower Upper

156 100

77 186.2 92.3 276.9

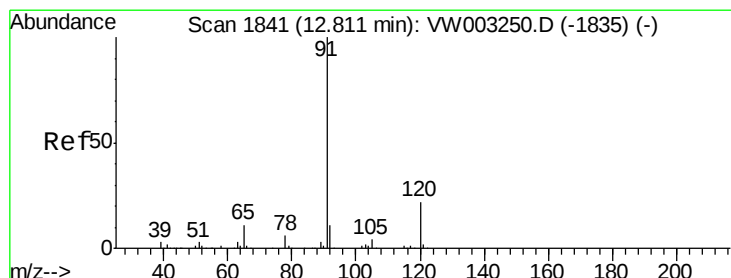
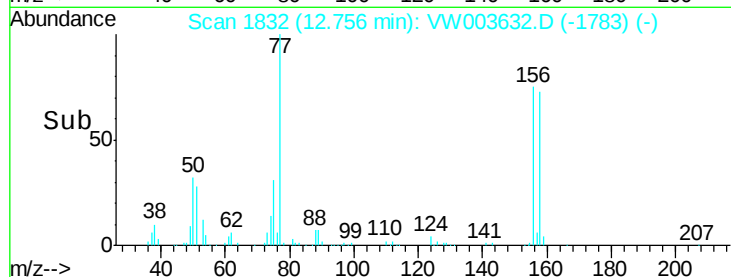
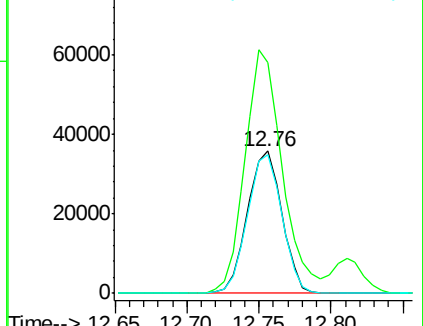
158 97.9 47.5 142.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.521 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003632.D

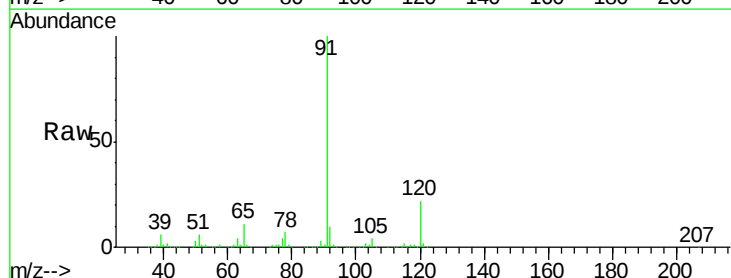
Acq: 28 Jun 2018 12:31

Tgt Ion: 91 Resp: 321537

Ion Ratio Lower Upper

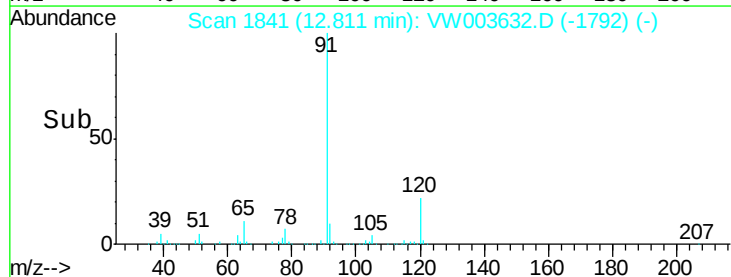
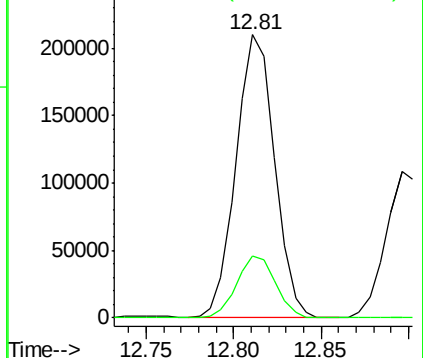
91 100

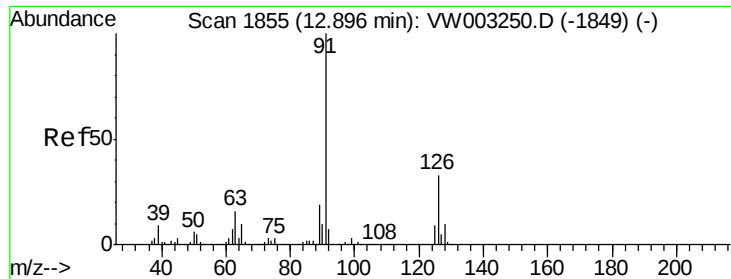
120 22.2 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.015 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Instrument :

MSVOA_W

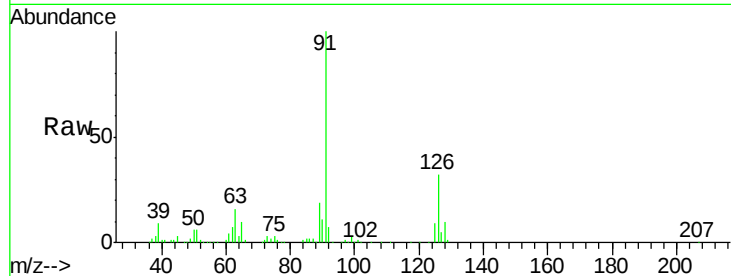
ClientSampled :

Tot Ion: 91 Resp: 177624

Ion Ratio Lower Upper

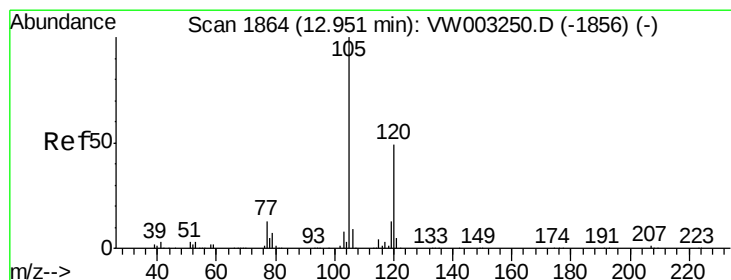
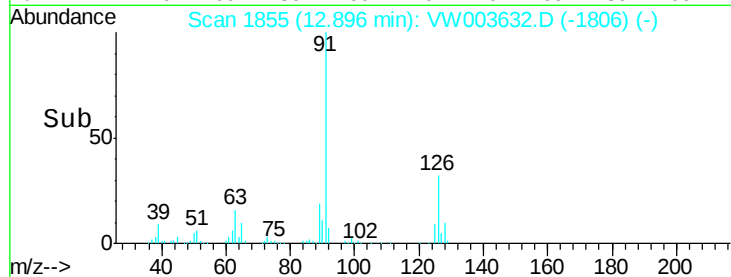
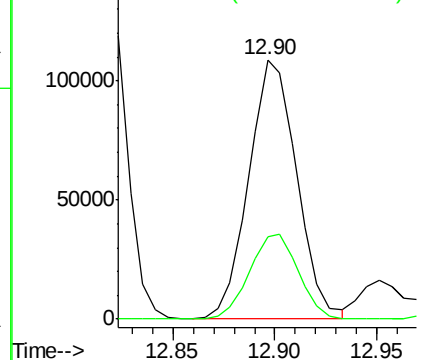
91 100

126 33.4 16.8 50.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 22.347 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003632.D

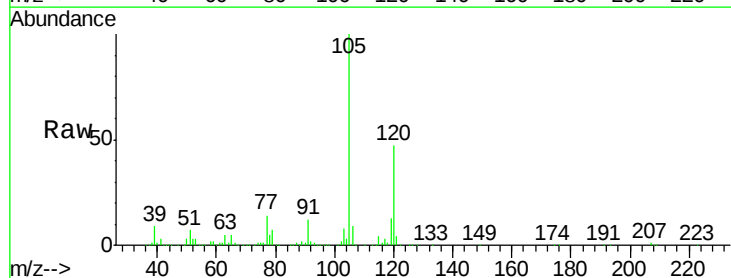
Acq: 28 Jun 2018 12:31

Tgt Ion:105 Resp: 218712

Ion Ratio Lower Upper

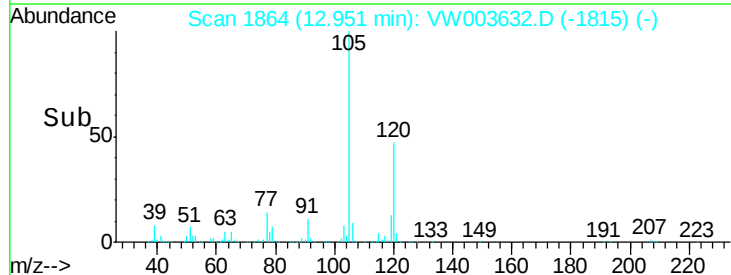
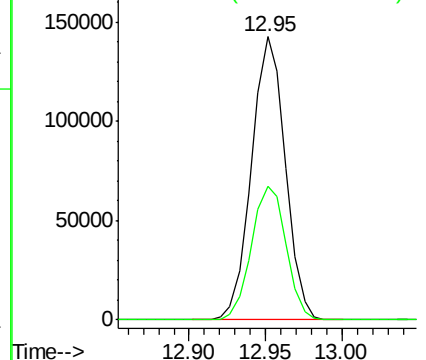
105 100

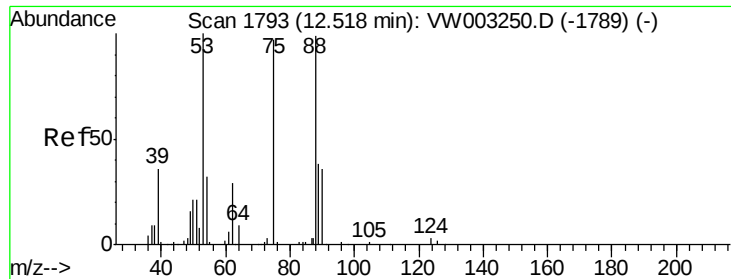
120 48.6 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.791 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Instrument :

MSVOA_W

ClientSampleId :

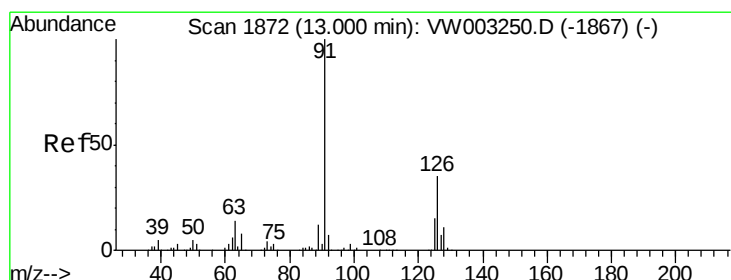
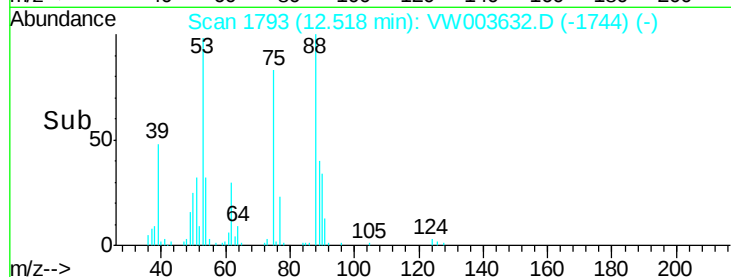
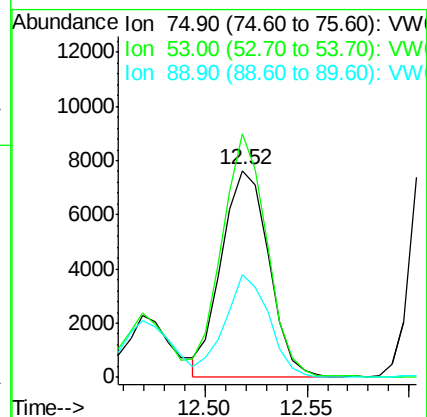
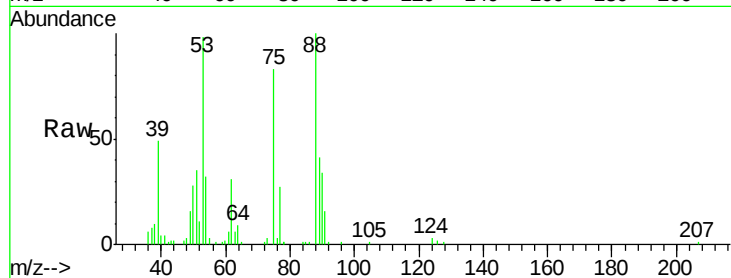
Tot Ion: 75 Resp: 12326

Ion Ratio Lower Upper

75 100

53 113.2 82.9 124.3

89 46.2 36.7 55.1



#82

4-Chlorotoluene

Concen: 22.249 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.01 min

Lab File: VW003632.D

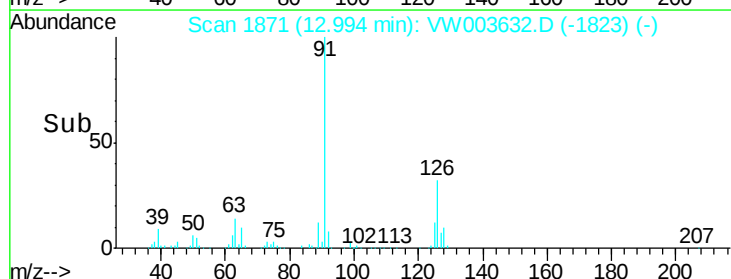
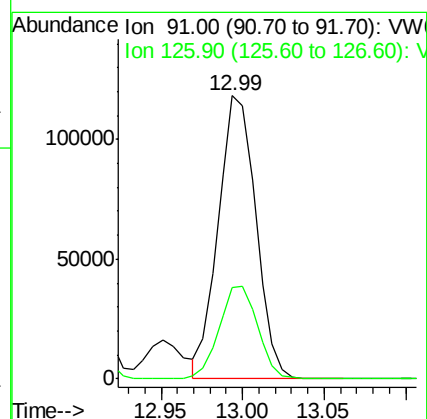
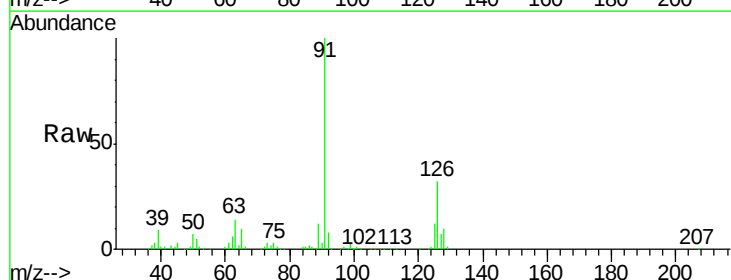
Acq: 28 Jun 2018 12:31

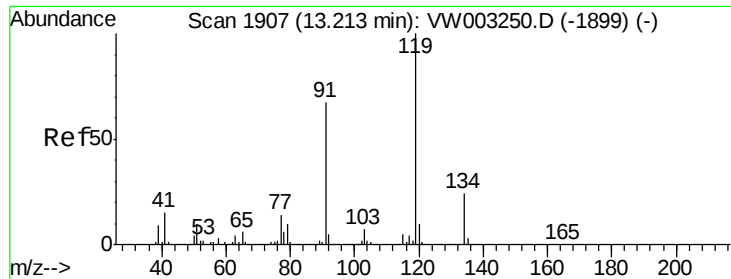
Tgt Ion: 91 Resp: 190429

Ion Ratio Lower Upper

91 100

126 33.7 16.8 50.3

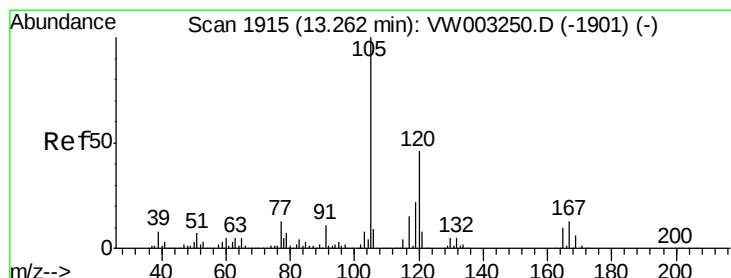
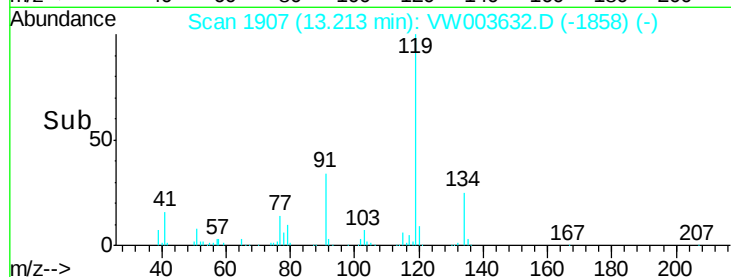
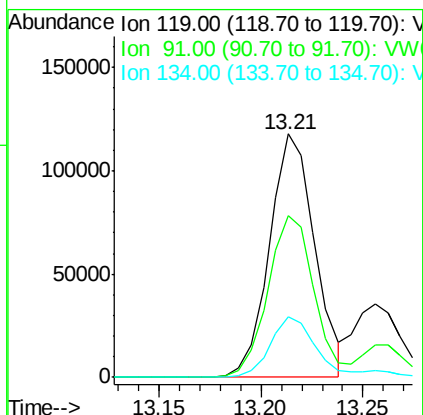
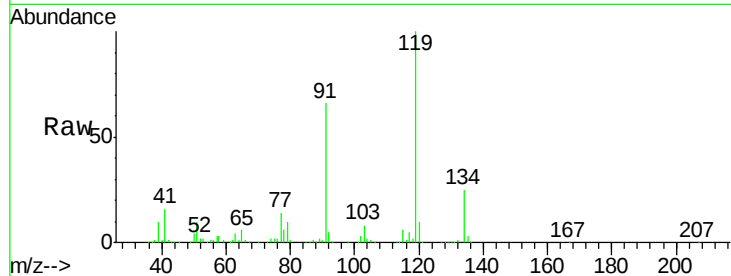




#83
tert-Butylbenzene
Concen: 21.813 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

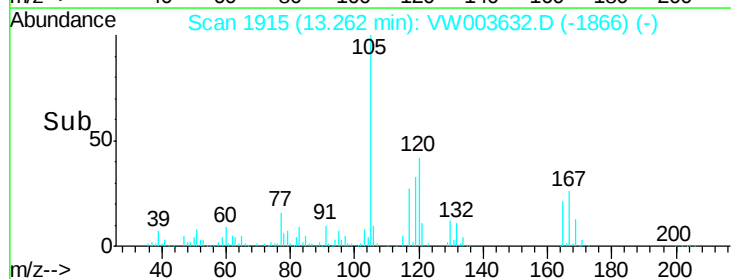
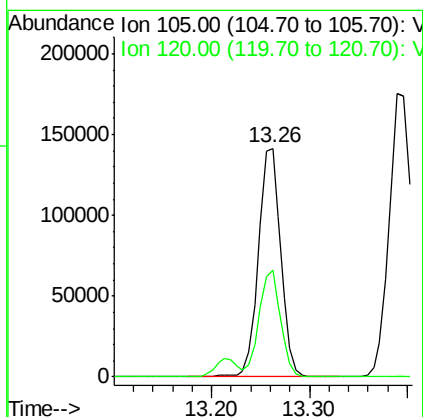
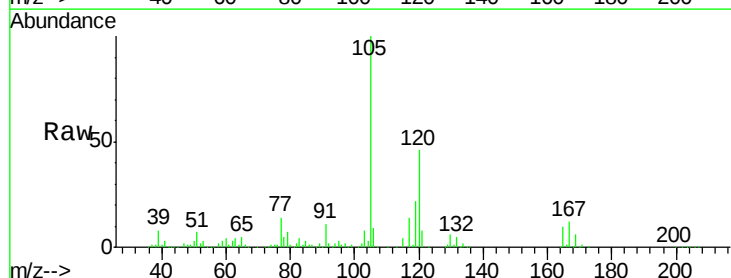
Instrument :
MSVOA_W
ClientSampleId :

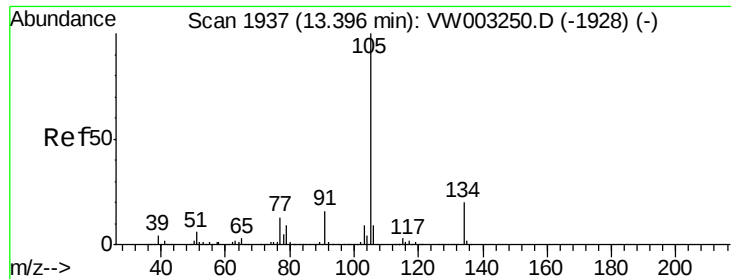
Tot Ion:119 Resp: 181936
Ion Ratio Lower Upper
119 100
91 68.3 33.9 101.7
134 26.8 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 22.385 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Tgt Ion:105 Resp: 225364
Ion Ratio Lower Upper
105 100
120 44.9 22.5 67.5





#85

sec-Butylbenzene

Concen: 22.338 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Instrument :

MSVOA_W

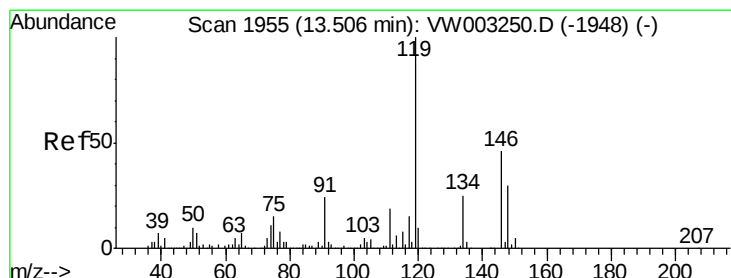
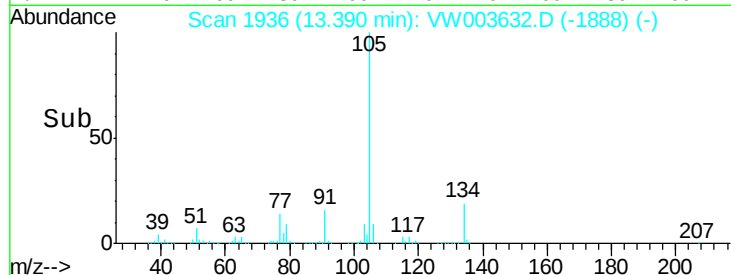
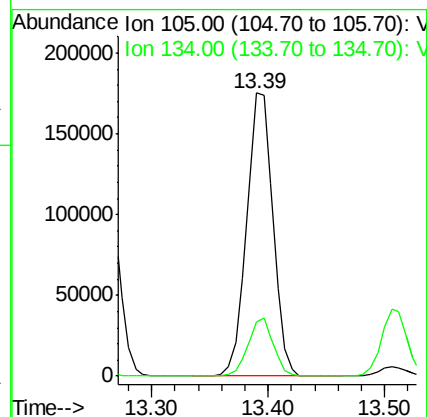
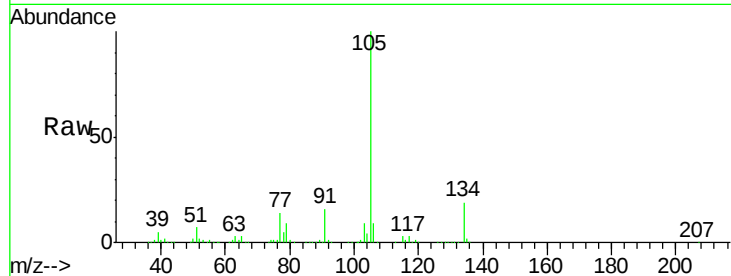
ClientSampleId :

Tot Ion:105 Resp: 276944

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.5



#86

p-Isopropyltoluene

Concen: 22.235 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

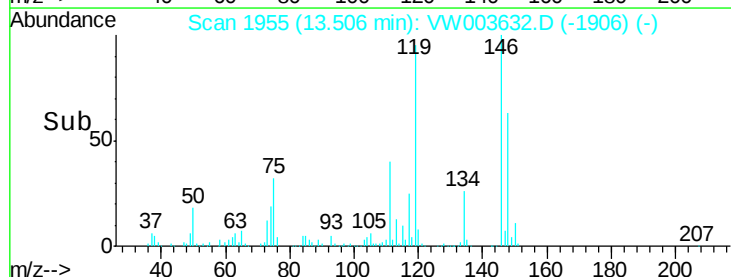
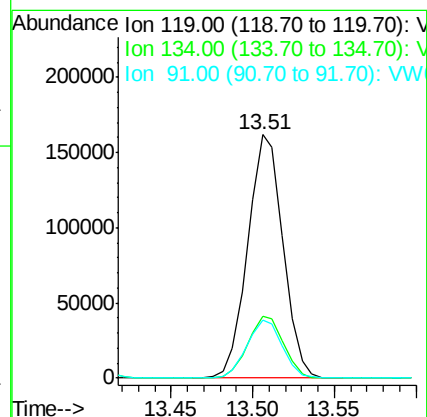
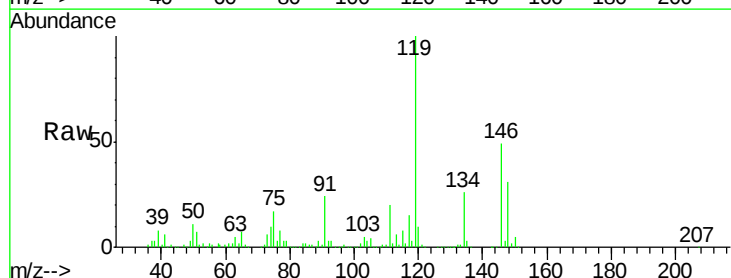
Tgt Ion:119 Resp: 243129

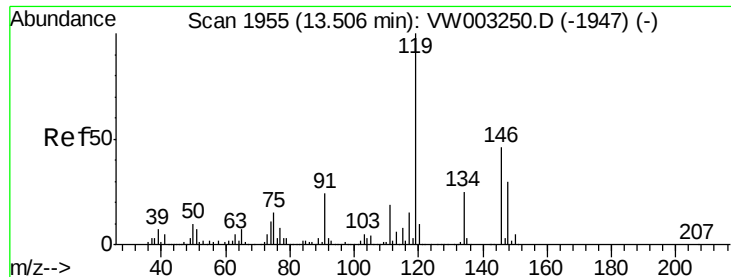
Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.7

91 24.1 11.8 35.3

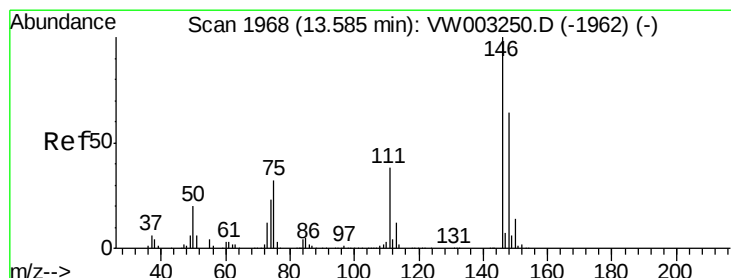
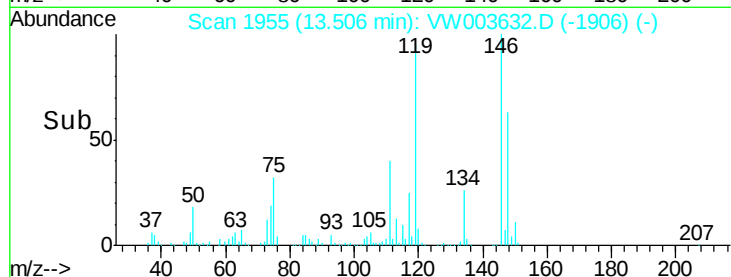
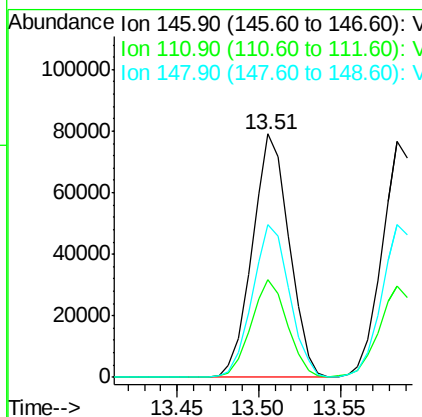
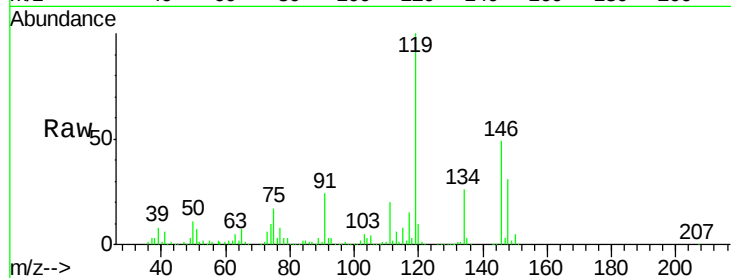




#87
 1,3-Dichlorobenzene
 Concen: 22.206 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003632.D
 Acq: 28 Jun 2018 12:31

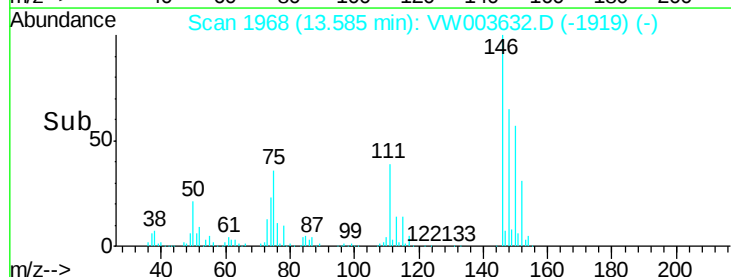
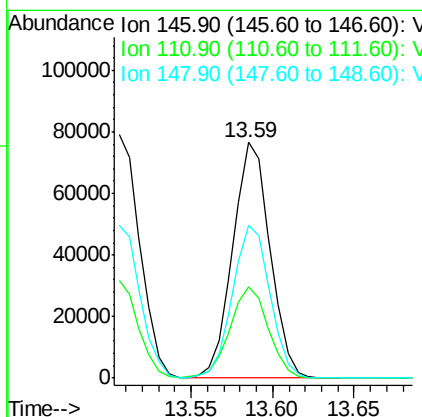
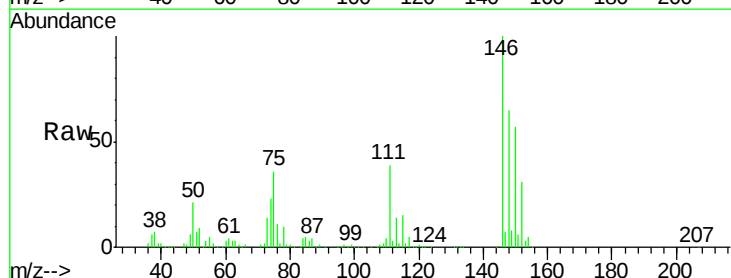
Instrument :
 MSVOA_W
 ClientSampleId :

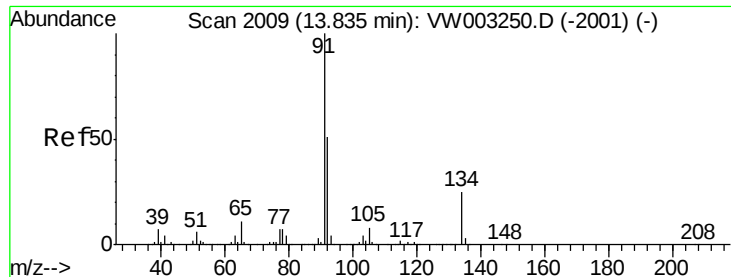
Tot Ion:146 Resp: 123873
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.8 59.4
 148 63.2 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 22.065 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003632.D
 Acq: 28 Jun 2018 12:31

Tgt Ion:146 Resp: 122368
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.2 57.6
 148 64.8 31.8 95.4

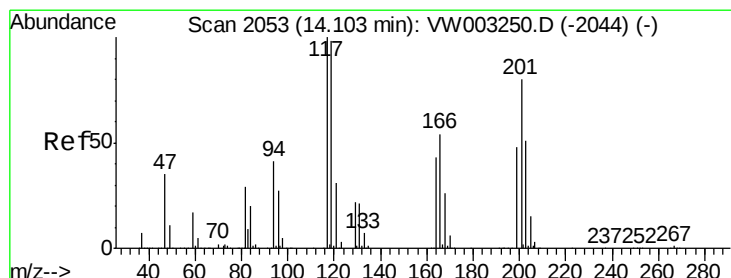
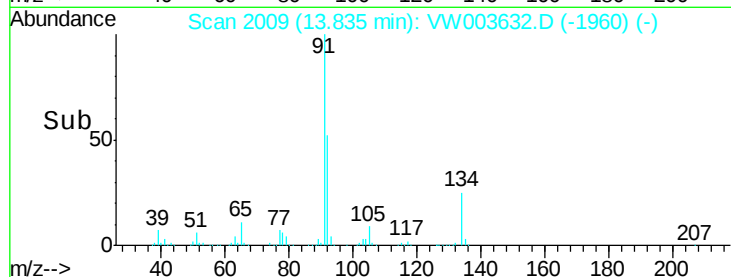
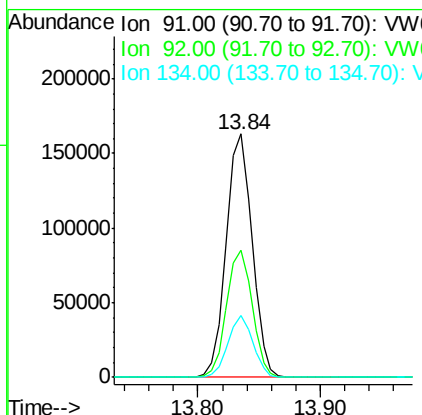
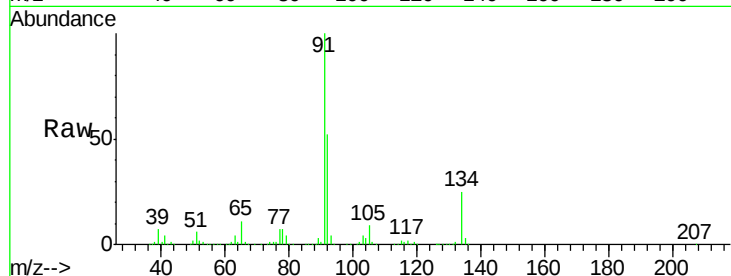




#89
n-Butylbenzene
Concen: 22.436 ug/l
RT: 13.84 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

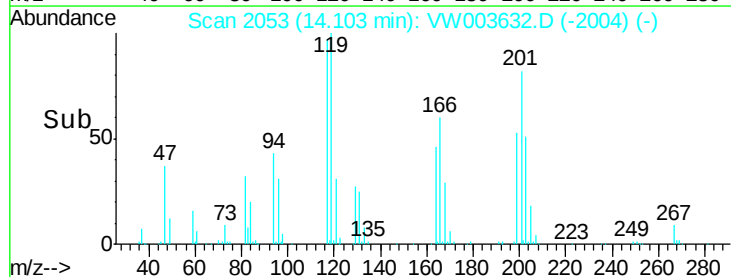
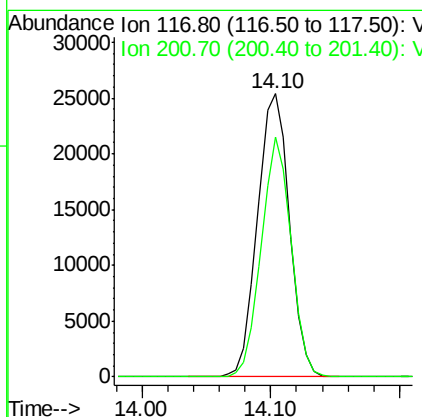
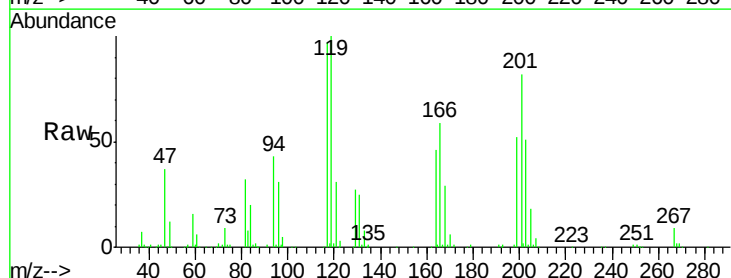
Instrument :
MSVOA_W
ClientSampled :

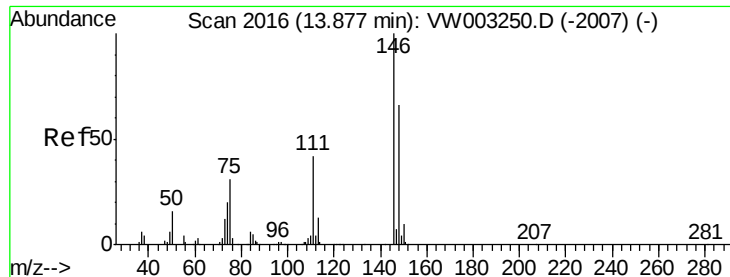
Tot Ion: 91 Resp: 239140
Ion Ratio Lower Upper
91 100
92 51.7 26.0 78.0
134 24.4 12.7 38.0



#90
Hexachloroethane
Concen: 21.982 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003632.D
Acq: 28 Jun 2018 12:31

Tgt Ion: 117 Resp: 43481
Ion Ratio Lower Upper
117 100
201 79.2 39.5 118.5

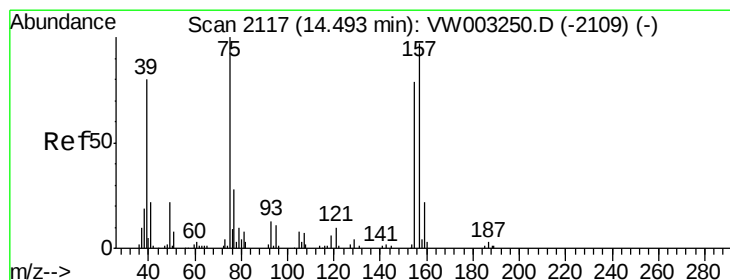
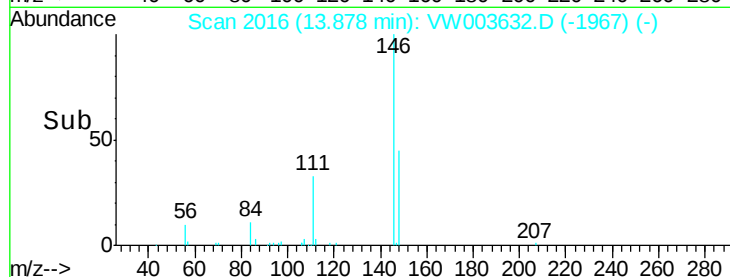
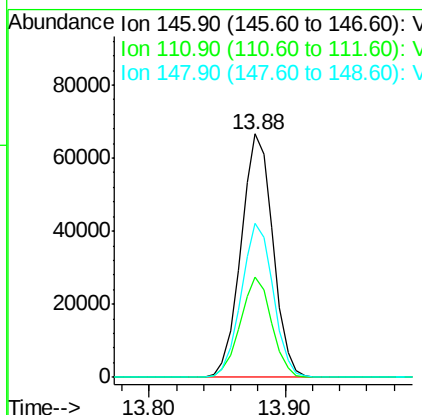
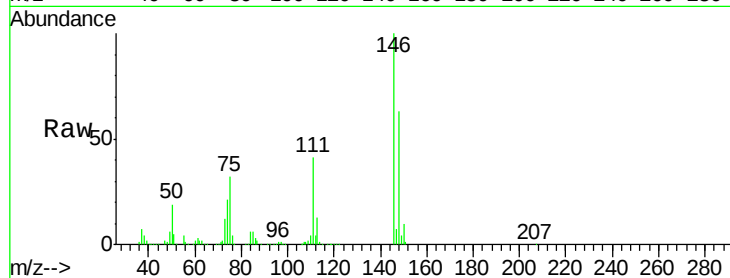




#91
 1,2-Dichlorobenzene
 Concen: 22.237 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003632.D
 Acq: 28 Jun 2018 12:31

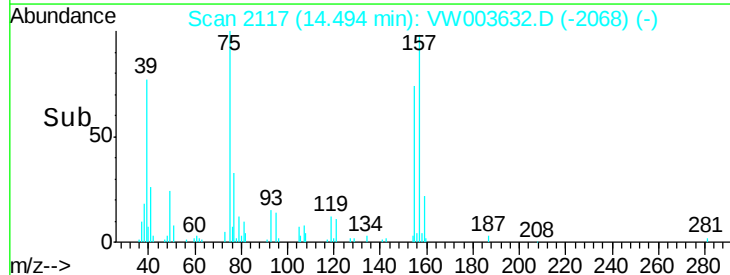
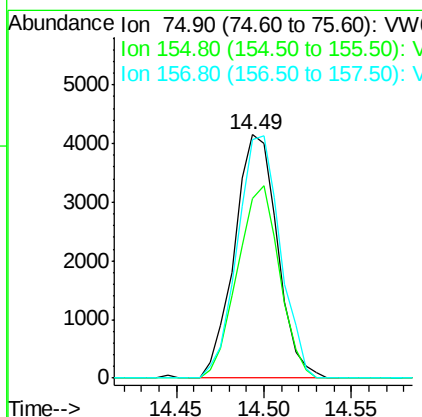
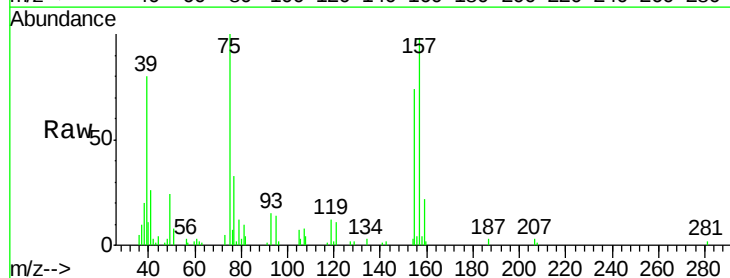
Instrument :
 MSVOA_W
 ClientSampleId :

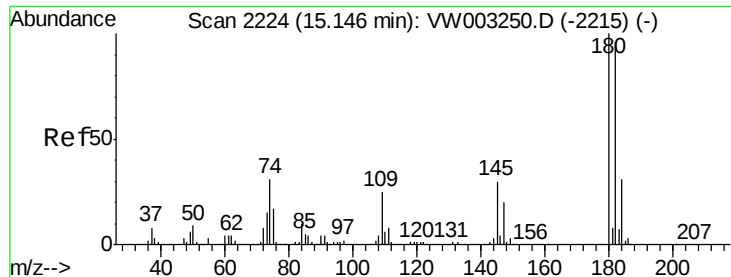
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.3	61.0
148	63.2	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.316 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003632.D
 Acq: 28 Jun 2018 12:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.2	39.4	118.2
157	99.4	51.5	154.5

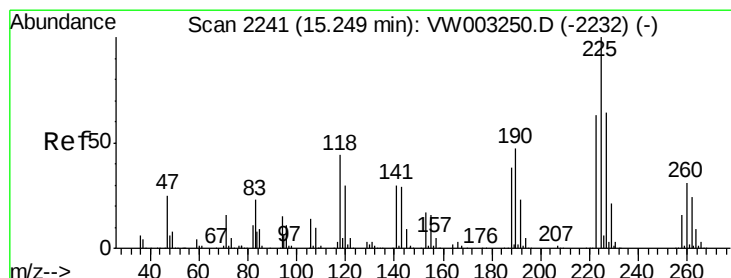
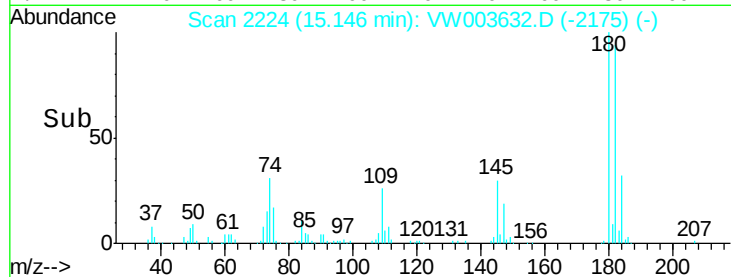
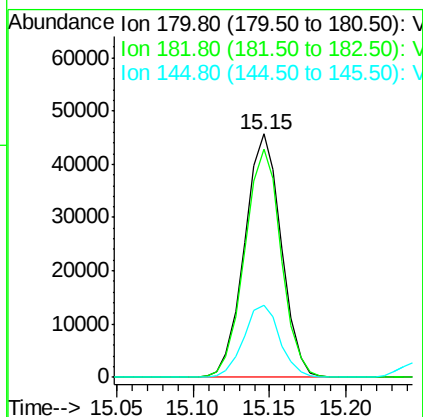
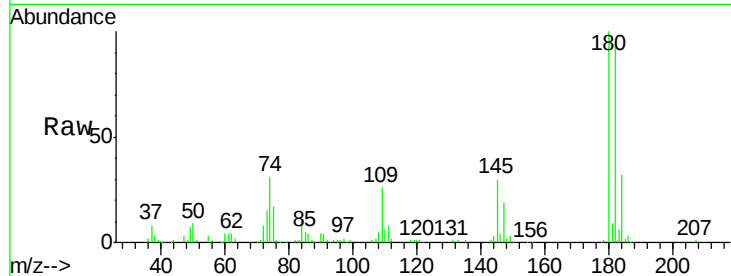




#93
 1,2,4-Trichlorobenzene
 Concen: 22.177 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003632.D
 Acq: 28 Jun 2018 12:31

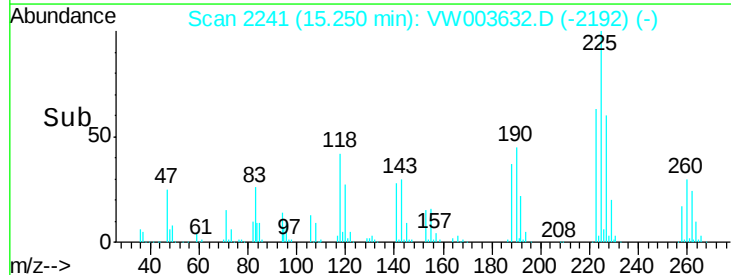
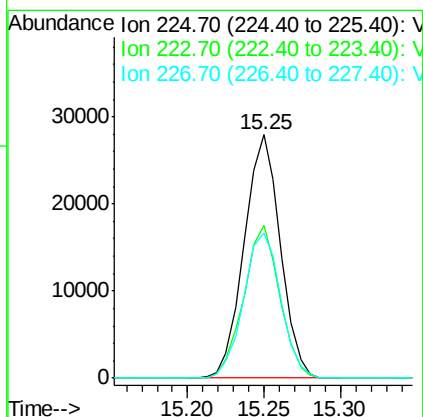
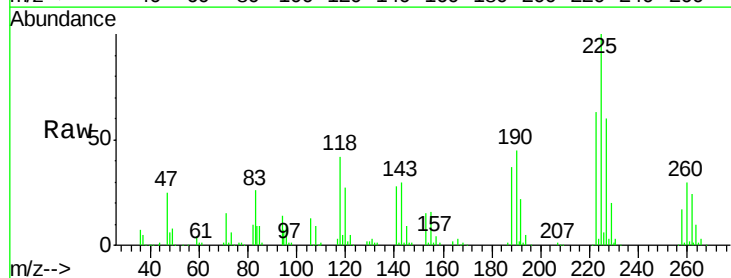
Instrument :
 MSVOA_W
 ClientSampleId :

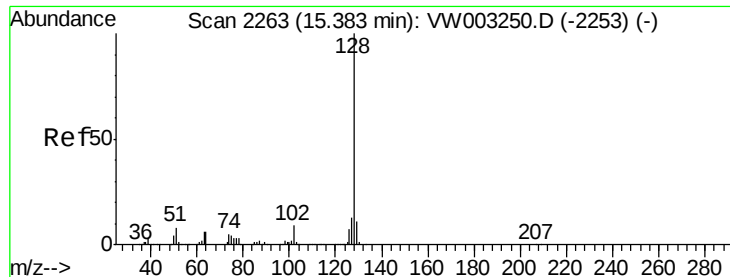
Tot Ion:180 Resp: 76074
 Ion Ratio Lower Upper
 180 100
 182 93.4 47.9 143.6
 145 29.3 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 22.239 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003632.D
 Acq: 28 Jun 2018 12:31

Tgt Ion:225 Resp: 45890
 Ion Ratio Lower Upper
 225 100
 223 62.4 30.6 92.0
 227 61.6 31.7 95.1





#95

Naphthalene

Concen: 20.400 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

Instrument :

MSVOA_W

ClientSampleId :

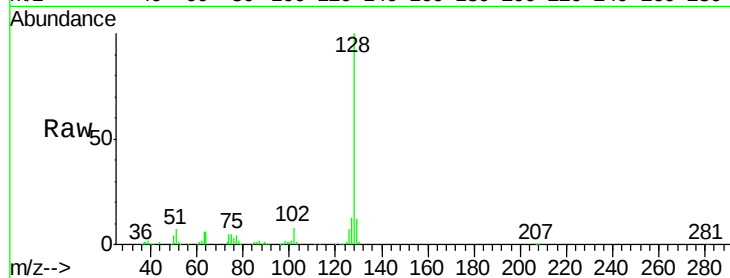
Tot Ion:128 Resp: 118709

Ion Ratio Lower Upper

128 100

127 13.5 10.5 15.7

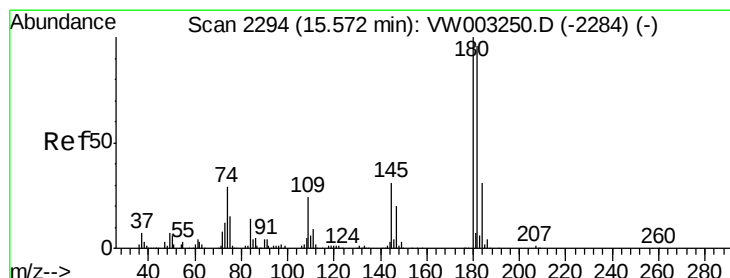
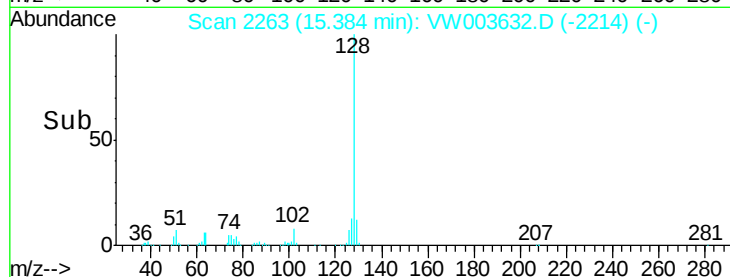
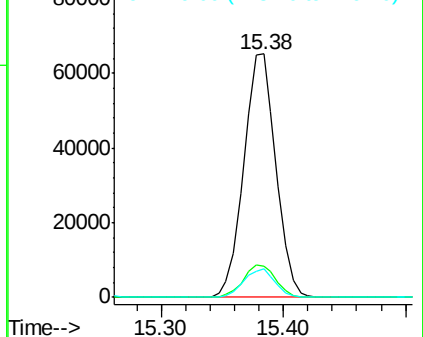
129 11.3 8.9 13.3



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: 21.388 ug/l

RT: 15.57 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VW003632.D

Acq: 28 Jun 2018 12:31

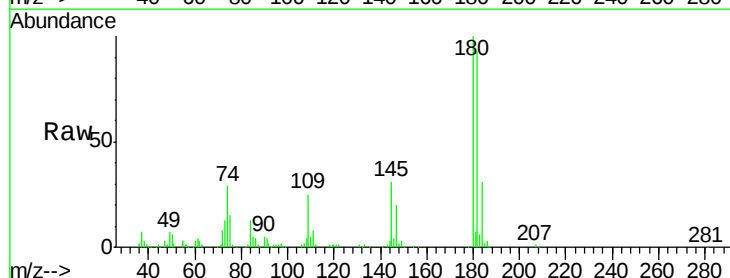
Tgt Ion:180 Resp: 64581

Ion Ratio Lower Upper

180 100

182 95.3 47.9 143.6

145 31.9 15.8 47.4



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

