

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW051518\
 Data File : VW002568.D
 Acq On : 16 May 2018 00:32
 Operator : JC/SY
 Sample : VW0515SBS03
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBS03

Quant Time: May 16 05:50:35 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 03:32:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	208176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	313266	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	289498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	159771	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	112622	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
35) Dibromofluoromethane	7.88	113	102739	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
50) Toluene-d8	10.33	98	390408	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
62) 4-Bromofluorobenzene	12.63	95	140219	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	15668	19.50	ug/l	96
3) Chloromethane	2.21	50	30729	20.00	ug/l	92
4) Vinyl Chloride	2.35	62	47867	19.86	ug/l	97
5) Bromomethane	2.76	94	41935	21.23	ug/l	90
6) Chloroethane	2.92	64	34800	20.99	ug/l	97
7) Trichlorofluoromethane	3.24	101	17006	16.02	ug/l	98
8) Diethyl Ether	3.67	74	28960	22.79	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.04	101	37083	21.08	ug/l	98
10) Methyl Iodide	4.26	142	56884	20.29	ug/l	98
11) Tert butyl alcohol	5.19	59	16960	102.56	ug/l #	87
12) 1,1-Dichloroethene	4.03	96	35889	20.61	ug/l	98
13) Acrolein	3.89	56	13719	84.21	ug/l	92
14) Allyl chloride	4.65	41	47493	18.38	ug/l	97
15) Acrylonitrile	5.37	53	48090	104.96	ug/l	99
16) Acetone	4.12	43	41891	92.24	ug/l	98
17) Carbon Disulfide	4.37	76	96759	20.20	ug/l	99
18) Methyl Acetate	4.67	43	24989	18.87	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	64629	20.20	ug/l	100
20) Methylene Chloride	4.90	84	39892	20.45	ug/l	90
21) trans-1,2-Dichloroethene	5.41	96	39151	20.80	ug/l	94
22) Diisopropyl ether	6.31	45	116536	20.36	ug/l	99
23) Vinyl Acetate	6.26	43	343746	99.10	ug/l	100
24) 1,1-Dichloroethane	6.21	63	71023	20.59	ug/l	97
25) 2-Butanone	7.18	43	64538	100.49	ug/l	97
26) 2,2-Dichloropropane	7.16	77	32869	17.00	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	43492	20.25	ug/l	99
28) Bromochloromethane	7.51	49	33331	21.65	ug/l	98
29) Tetrahydrofuran	7.53	42	41401	103.20	ug/l	98
30) Chloroform	7.67	83	75619	20.53	ug/l	95
31) Cyclohexane	7.95	56	59978	19.63	ug/l #	96
32) 1,1,1-Trichloroethane	7.87	97	56094	20.19	ug/l	99
36) 1,1-Dichloropropene	8.08	75	55967	20.25	ug/l	100
37) Ethyl Acetate	7.26	43	29345	21.40	ug/l	100
38) Carbon Tetrachloride	8.07	117	53732	19.85	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	63846	20.16	ug/l	95
40) Benzene	8.32	78	163114	20.55	ug/l	98
41) Methacrylonitrile	7.49	41	15783	20.57	ug/l #	91
42) 1,2-Dichloroethane	8.40	62	52696	20.91	ug/l	99
43) Isopropyl Acetate	8.43	43	53134	20.15	ug/l	98
44) Trichloroethene	9.09	130	44864	20.63	ug/l	95
45) 1,2-Dichloropropane	9.37	63	40746	20.15	ug/l	97
46) Dibromomethane	9.46	93	24255	21.07	ug/l	98
47) Bromodichloromethane	9.65	83	55134	20.54	ug/l	100
48) Methyl methacrylate	9.44	41	25978	20.33	ug/l	99
49) 1,4-Dioxane	9.45	88	8044	419.39	ug/l	98
51) 4-Methyl-2-Pentanone	10.22	43	149129	103.00	ug/l	100
52) Toluene	10.39	92	104975	20.92	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	52986	19.52	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	59376	19.62	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	33536	20.68	ug/l	98
56) Ethyl methacrylate	10.65	69	40039	20.26	ug/l	98
57) 1,3-Dichloropropane	10.94	76	57420	21.35	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	103469	106.66	ug/l	98
59) 2-Hexanone	10.98	43	103197	103.24	ug/l	97
60) Dibromochloromethane	11.13	129	39222	20.50	ug/l	98
61) 1,2-Dibromoethane	11.24	107	32410	20.71	ug/l	98
64) Tetrachloroethene	10.87	164	47870	23.46	ug/l	96
65) Chlorobenzene	11.66	112	118681	20.58	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	42879	20.77	ug/l	99
67) Ethyl Benzene	11.74	91	196518	20.05	ug/l	100
68) m/p-Xylenes	11.85	106	156810	41.16	ug/l	99
69) o-Xylene	12.18	106	73289	20.24	ug/l	97
70) Styrene	12.19	104	122954	20.41	ug/l	99
71) Bromoform	12.36	173	25486	21.02	ug/l #	99
73) Isopropylbenzene	12.48	105	199431	20.25	ug/l	100
74) N-amyl acetate	12.28	43	51162	20.39	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	41577	20.84	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	51513	34.11	ug/l #	100
77) Bromobenzene	12.76	156	52677	20.96	ug/l	97
78) n-propylbenzene	12.82	91	241568	20.31	ug/l	100
79) 2-Chlorotoluene	12.90	91	139732	20.69	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	173169	20.60	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	9950	17.96	ug/l	92
82) 4-Chlorotoluene	13.00	91	146721	20.09	ug/l	99
83) tert-Butylbenzene	13.22	119	147286	20.29	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	178583	20.47	ug/l	99
85) sec-Butylbenzene	13.40	105	211475	20.28	ug/l	100
86) p-Isopropyltoluene	13.51	119	188592	20.10	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	103786	20.42	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	104059	20.58	ug/l	99
89) n-Butylbenzene	13.84	91	175784	19.81	ug/l	99
90) Hexachloroethane	14.10	117	33414	19.89	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	95458	20.70	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.50	75	7751	22.02	ug/l	94

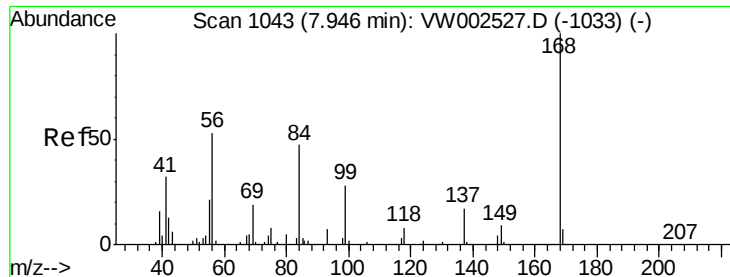
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	69016	20.56	ug/l	98
94) Hexachlorobutadiene	15.25	225	38687	20.71	ug/l	100
95) Naphthalene	15.38	128	127240	20.85	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	64251	21.39	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VW002568.D

Acq: 16 May 2018 00:32

Instrument :

MSVOA_W

ClientSampleId :

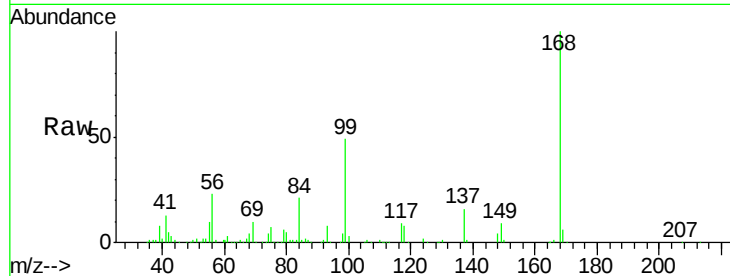
VW0515SBS03

Tgt Ion:168 Resp: 208176

Ion Ratio Lower Upper

168 100

99 48.8 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

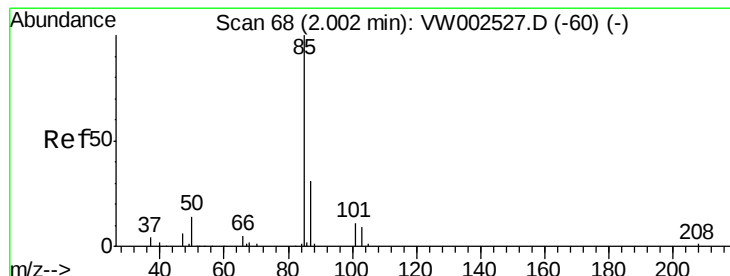
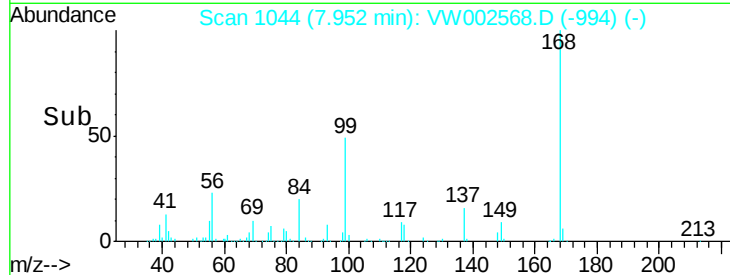
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 19.50 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW002568.D

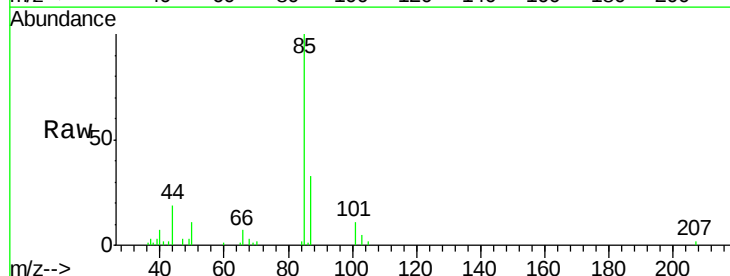
Acq: 16 May 2018 00:32

Tgt Ion: 85 Resp: 15668

Ion Ratio Lower Upper

85 100

87 33.0 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

5000

4000

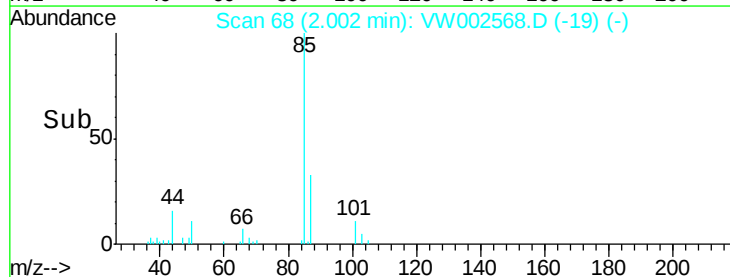
3000

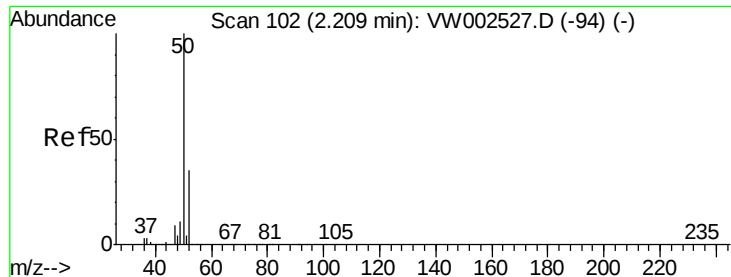
2000

1000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 20.00 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW002568.D

Acq: 16 May 2018 00:32

Instrument :

MSVOA_W

ClientSampleId :

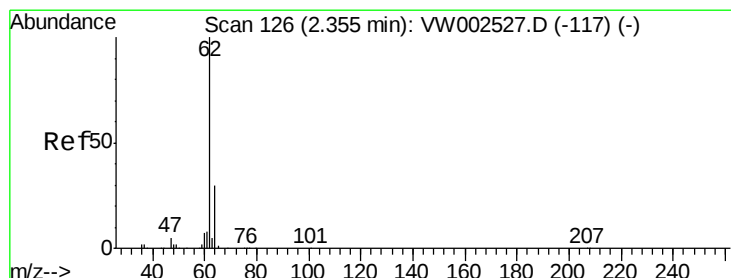
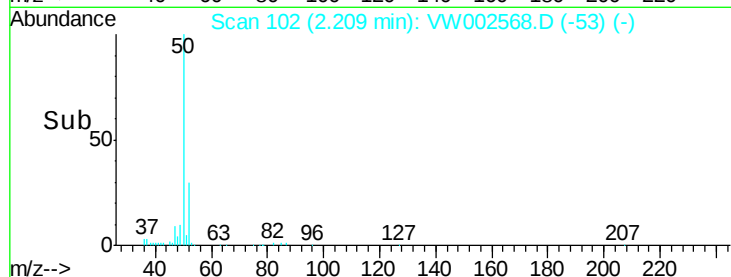
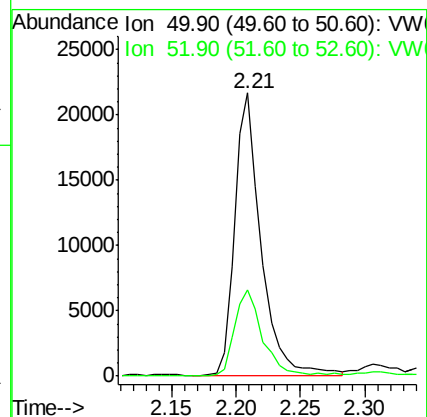
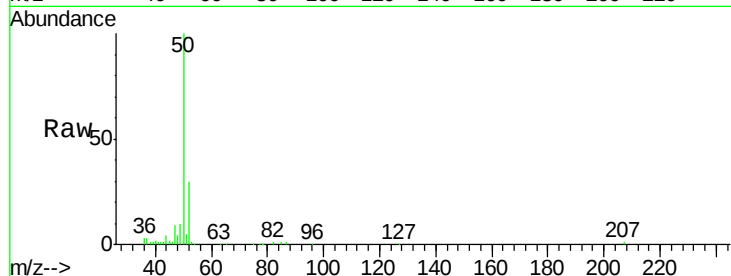
VW0515SBS03

Tgt Ion: 50 Resp: 30729

Ion Ratio Lower Upper

50 100

52 30.4 27.8 41.8



#4

Vinyl Chloride

Concen: 19.86 ug/l

RT: 2.35 min Scan# 125

Delta R.T. -0.01 min

Lab File: VW002568.D

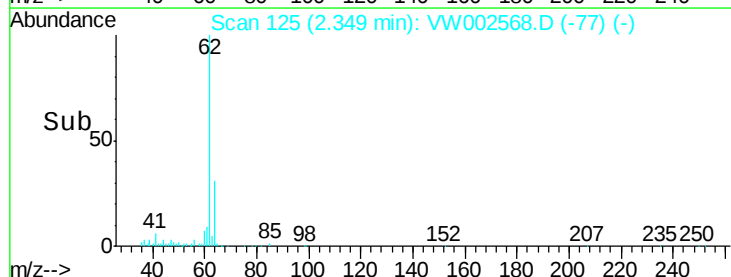
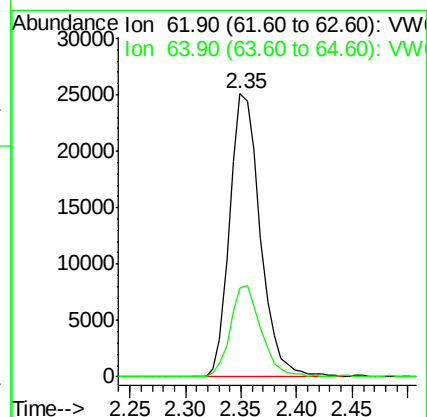
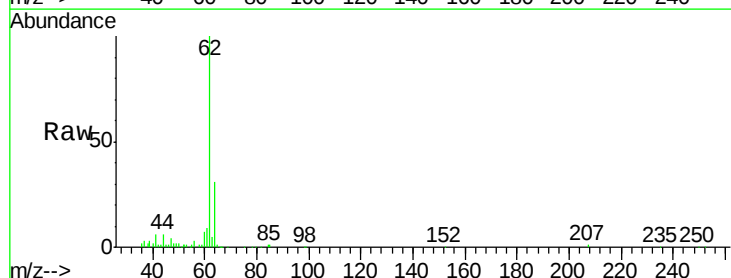
Acq: 16 May 2018 00:32

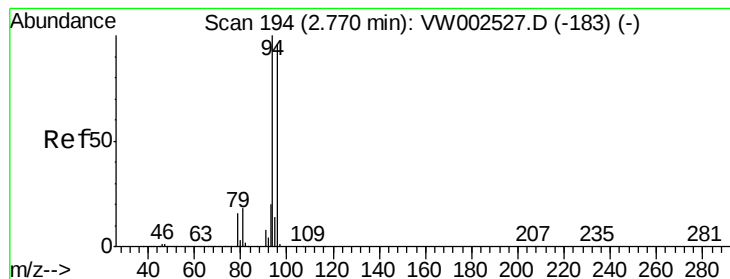
Tgt Ion: 62 Resp: 47867

Ion Ratio Lower Upper

62 100

64 31.4 24.0 36.0





#5

Bromomethane

Concen: 21.23 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW002568.D

Acq: 16 May 2018 00:32

Instrument :

MSVOA_W

ClientSampleId :

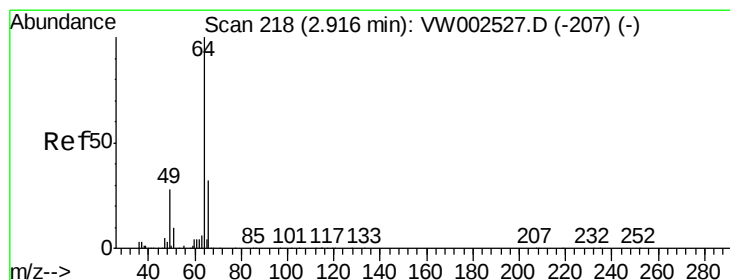
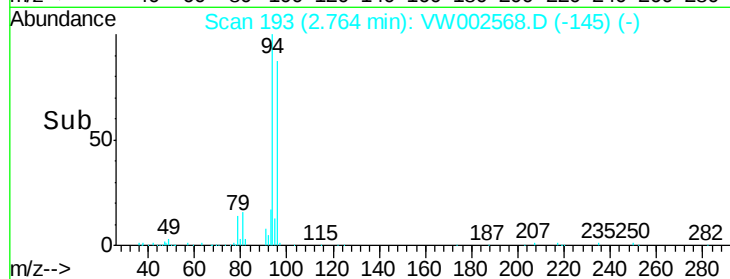
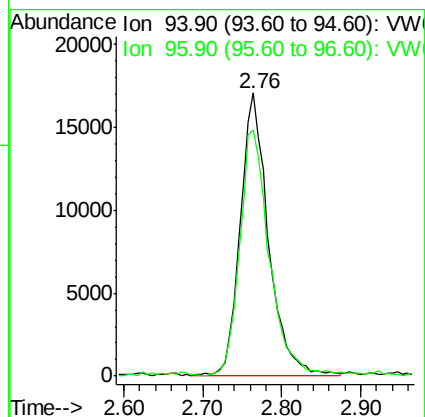
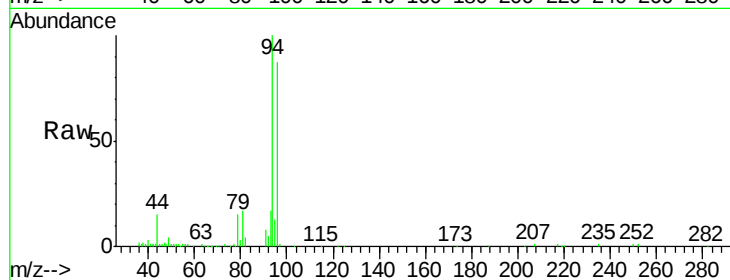
VW0515SBS03

Tgt Ion: 94 Resp: 41935

Ion Ratio Lower Upper

94 100

96 86.8 77.0 115.4



#6

Chloroethane

Concen: 20.99 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.00 min

Lab File: VW002568.D

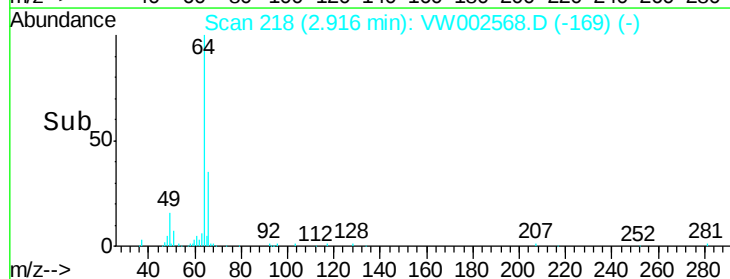
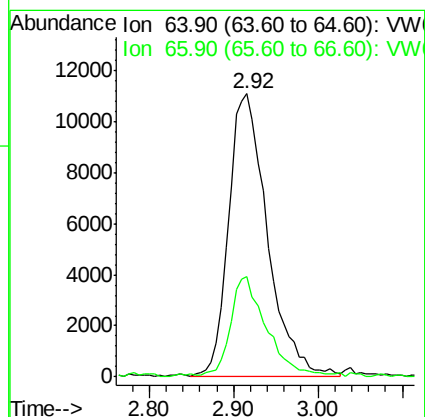
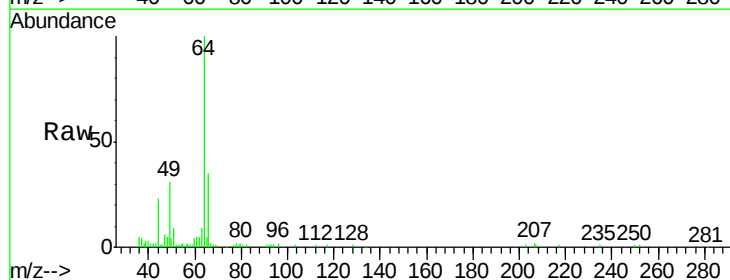
Acq: 16 May 2018 00:32

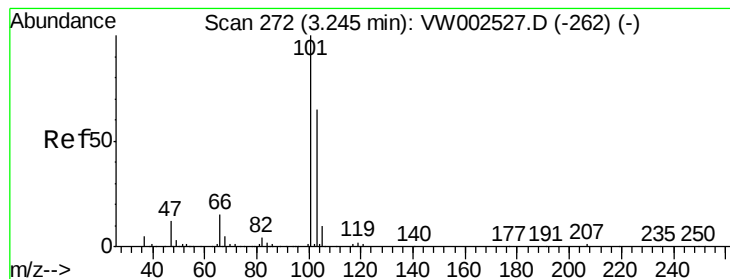
Tgt Ion: 64 Resp: 34800

Ion Ratio Lower Upper

64 100

66 34.2 25.8 38.8



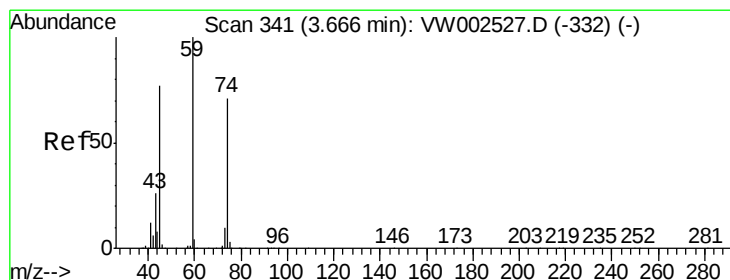
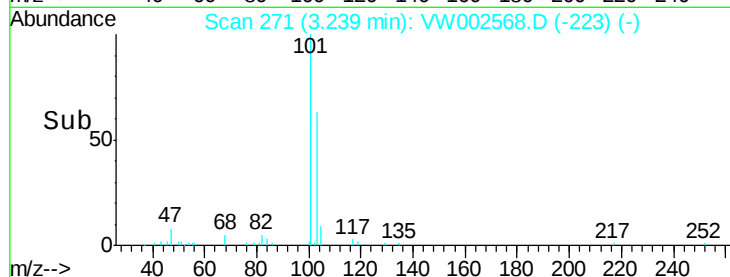
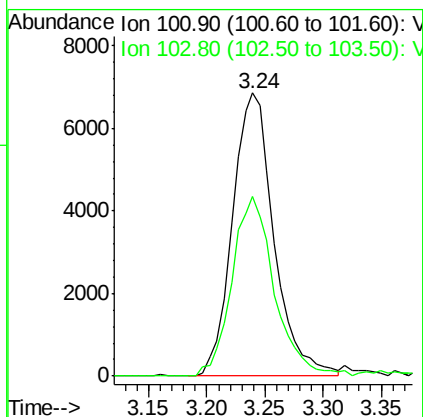
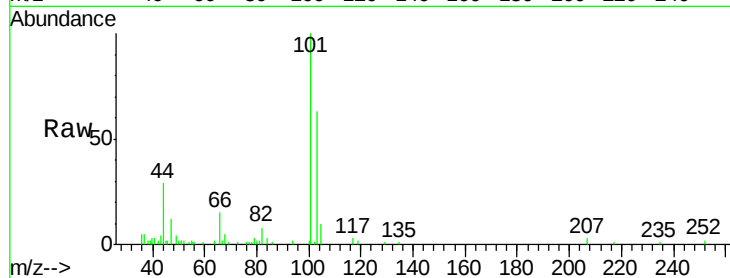


#7

Trichlorofluoromethane
Concen: 16.02 ug/l
RT: 3.24 min Scan# 271
Delta R.T. -0.01 min
Lab File: VW002568.D
Acq: 16 May 2018 00:32

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VW0515SBS03

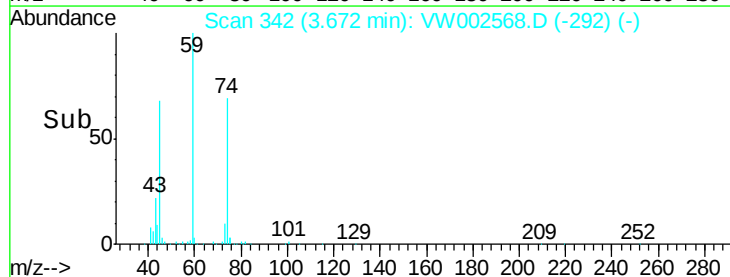
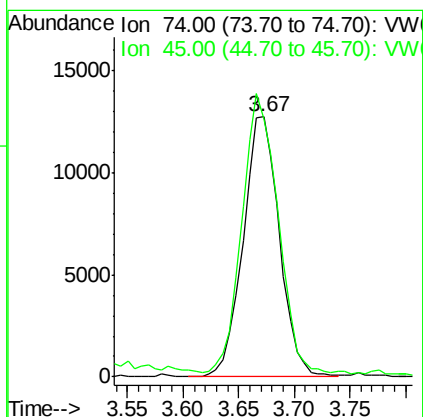
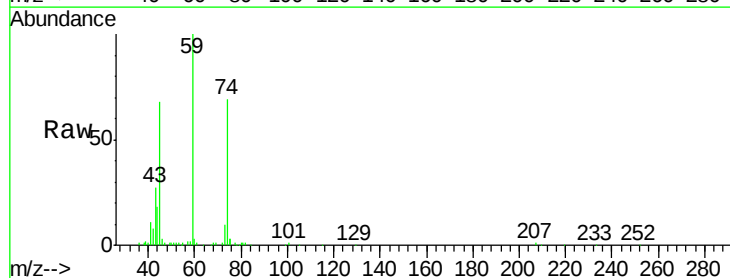
Tgt Ion:101 Resp: 17006
Ion Ratio Lower Upper
101 100
103 63.5 51.8 77.8

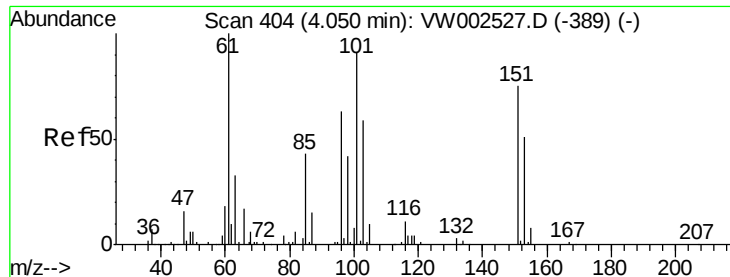


#8

Diethyl Ether
Concen: 22.79 ug/l
RT: 3.67 min Scan# 342
Delta R.T. 0.01 min
Lab File: VW002568.D
Acq: 16 May 2018 00:32

Tgt Ion: 74 Resp: 28960
Ion Ratio Lower Upper
74 100
45 105.4 52.3 156.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.08 ug/l

RT: 4.04 min Scan# 402

Delta R.T. -0.01 min

Lab File: VW002568.D

Acq: 16 May 2018 00:32

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS03

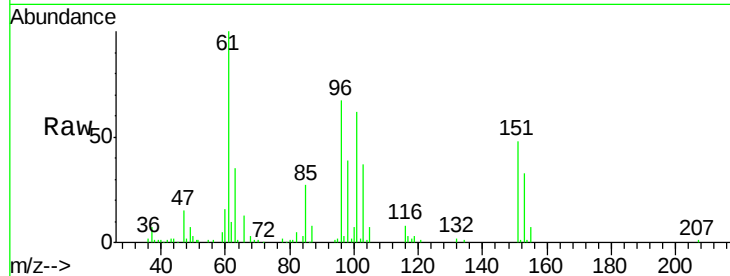
Tgt Ion:101 Resp: 37083

Ion Ratio Lower Upper

101 100

85 44.9 36.5 54.7

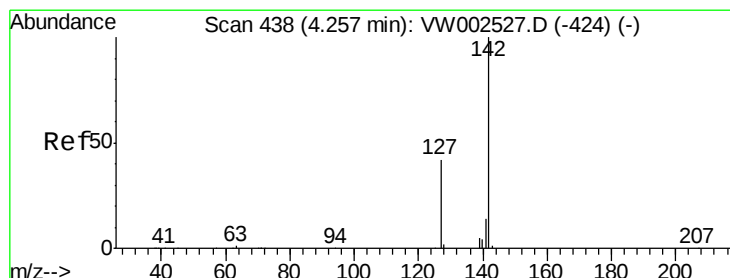
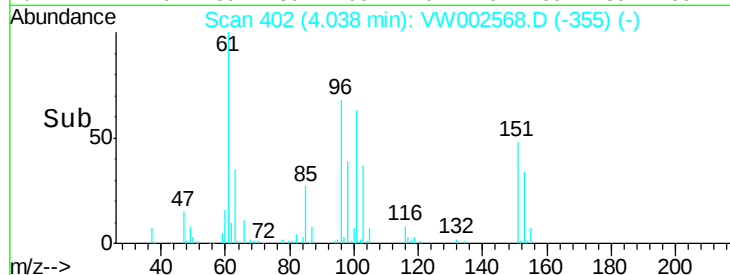
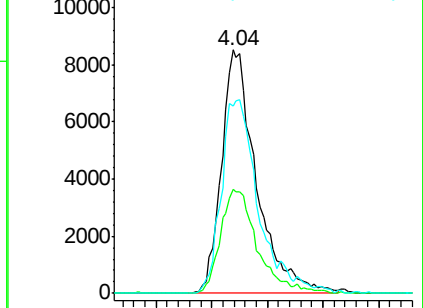
151 81.4 66.7 100.1



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: 20.29 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.01 min

Lab File: VW002568.D

Acq: 16 May 2018 00:32

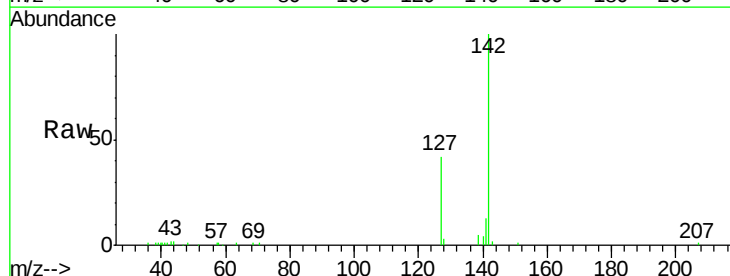
Tgt Ion:142 Resp: 56884

Ion Ratio Lower Upper

142 100

127 44.6 34.6 52.0

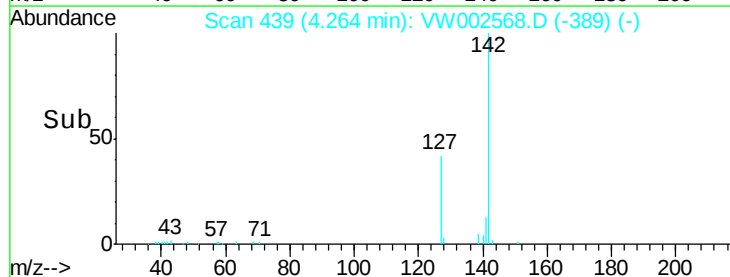
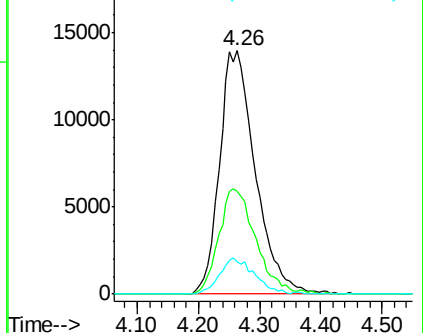
141 14.3 11.8 17.8

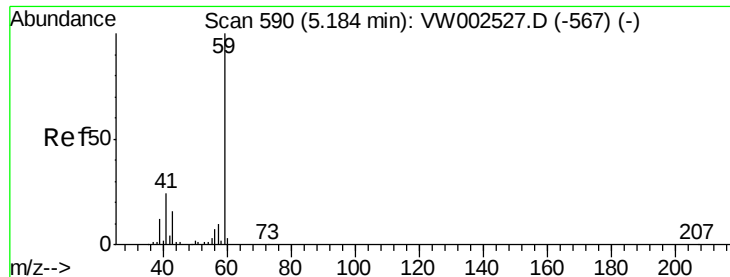


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

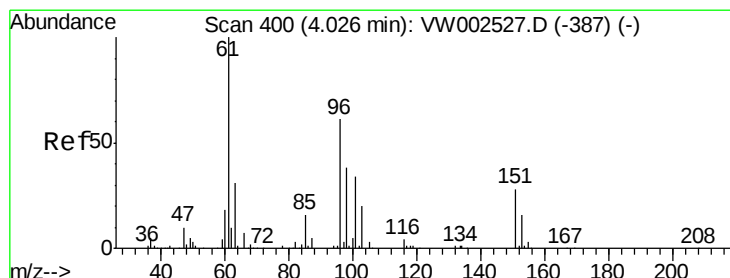
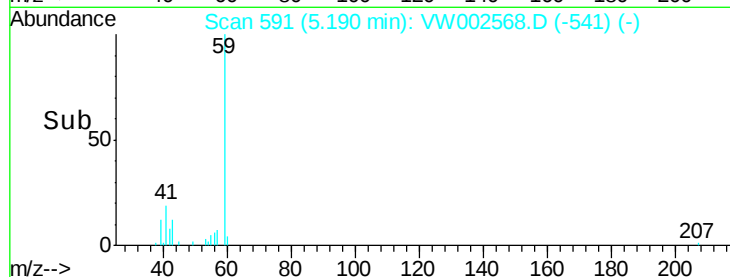
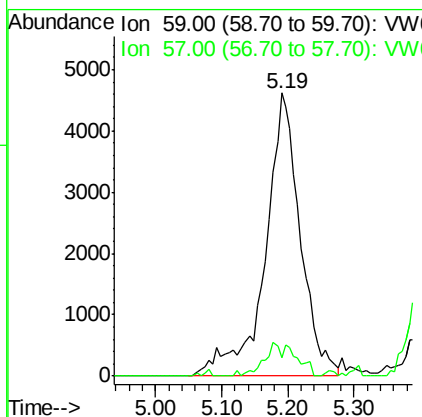
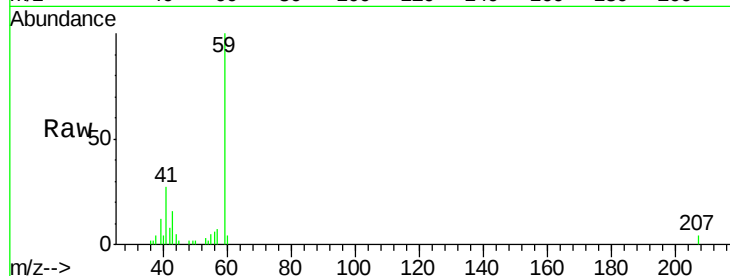




#11
Tert butyl alcohol
Concen: 102.56 ug/l
RT: 5.19 min Scan# 591
Delta R.T. 0.01 min
Lab File: VW002568.D
Acq: 16 May 2018 00:32

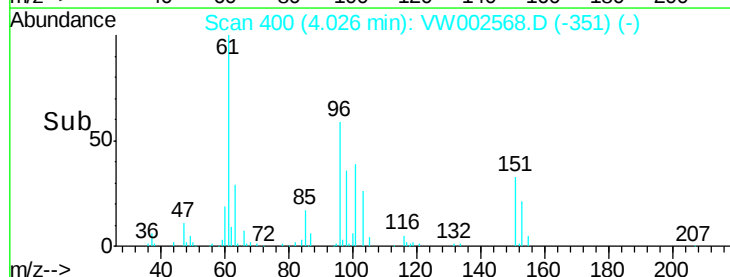
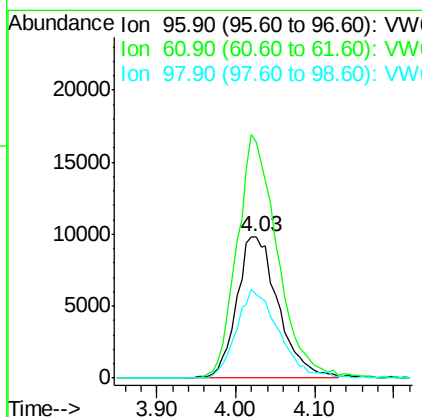
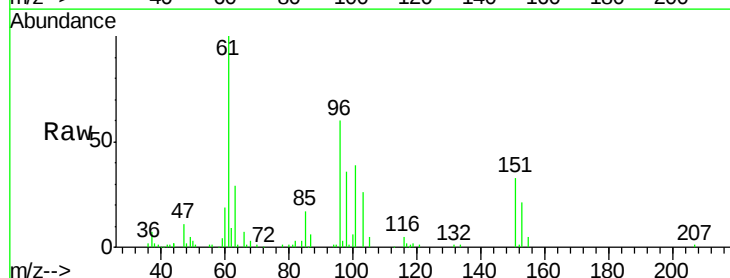
Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS03

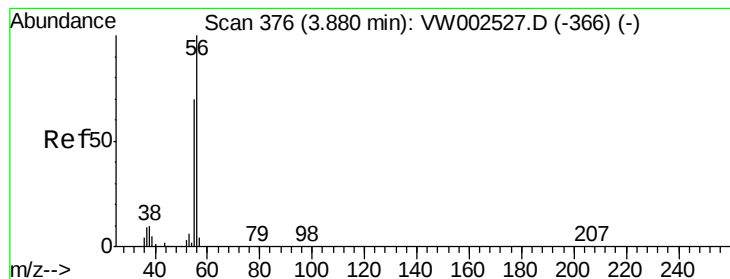
Tgt Ion: 59 Resp: 16960
Ion Ratio Lower Upper
59 100
57 5.5 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 20.61 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.00 min
Lab File: VW002568.D
Acq: 16 May 2018 00:32

Tgt Ion: 96 Resp: 35889
Ion Ratio Lower Upper
96 100
61 167.0 132.2 198.2
98 59.5 50.6 76.0





#13

Acrolein

Concen: 84.21 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.01 min

Lab File: VW002568.D

Acq: 16 May 2018 00:32

Instrument :

MSVOA_W

ClientSampleId :

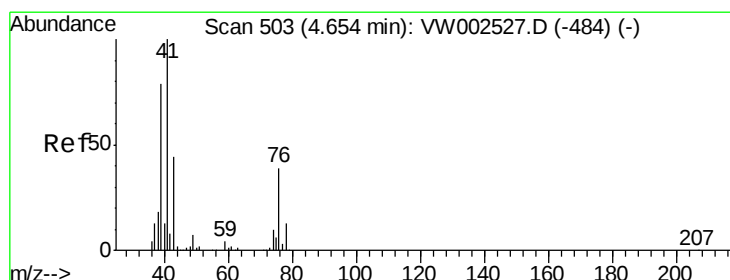
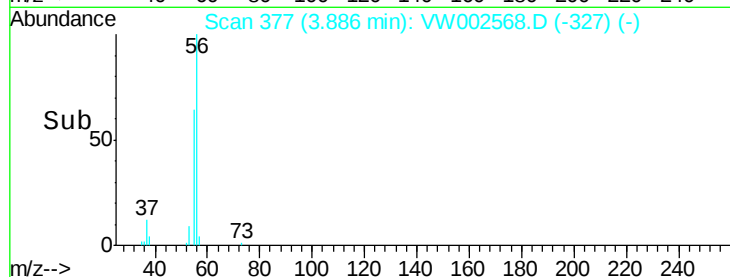
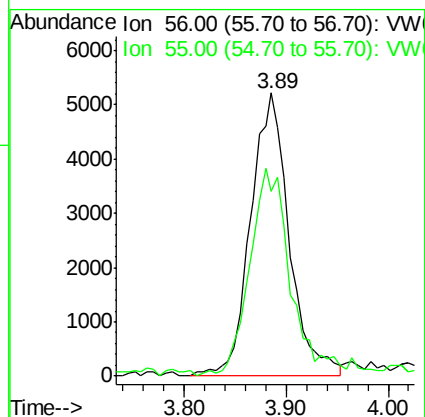
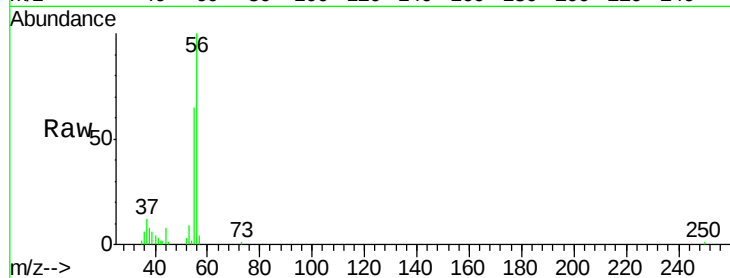
VW0515SBS03

Tgt Ion: 56 Resp: 13719

Ion Ratio Lower Upper

56 100

55 77.4 57.0 85.4



#14

Allyl chloride

Concen: 18.38 ug/l

RT: 4.65 min Scan# 502

Delta R.T. -0.01 min

Lab File: VW002568.D

Acq: 16 May 2018 00:32

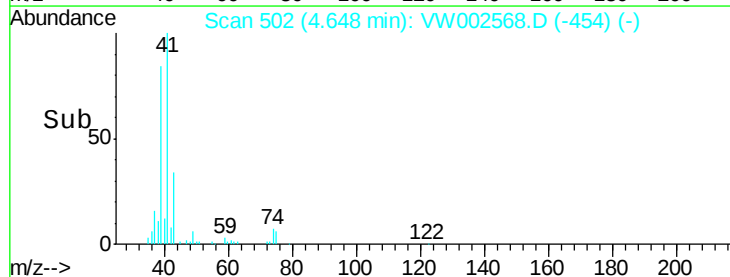
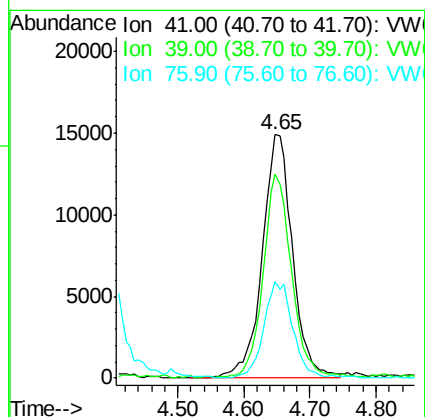
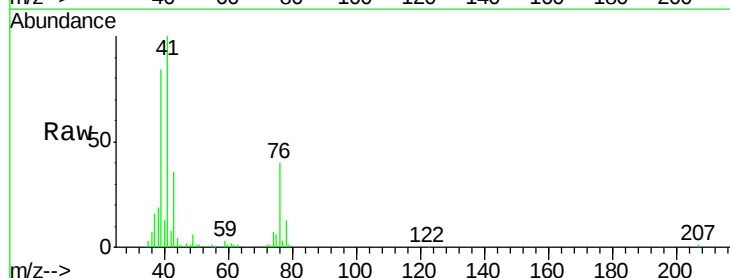
Tgt Ion: 41 Resp: 47493

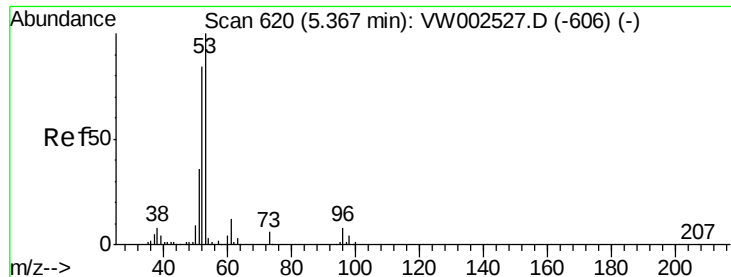
Ion Ratio Lower Upper

41 100

39 79.6 61.4 92.2

76 37.7 29.6 44.4





#15

Acrylonitrile

Concen: 104.96 ug/l

RT: 5.37 min Scan# 620

Delta R.T. -0.00 min

Lab File: VW002568.D

Acq: 16 May 2018 00:32

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS03

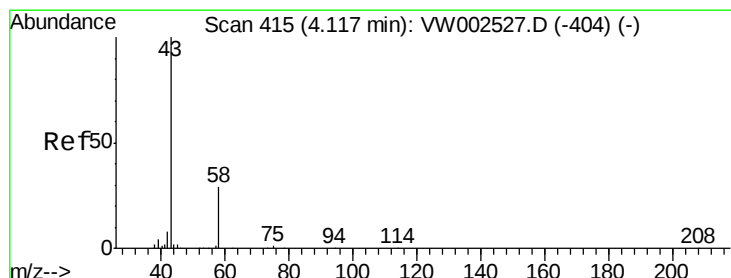
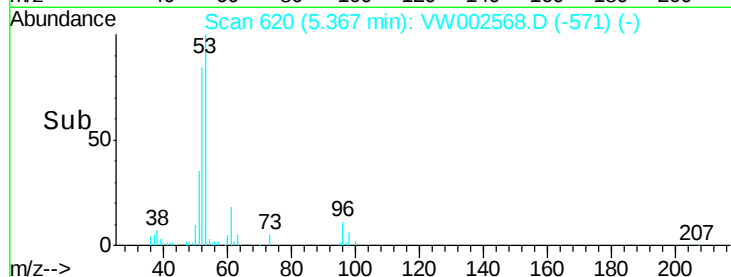
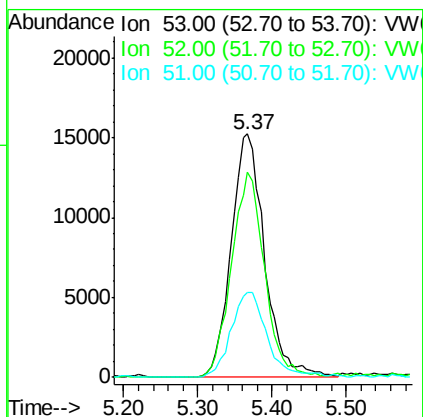
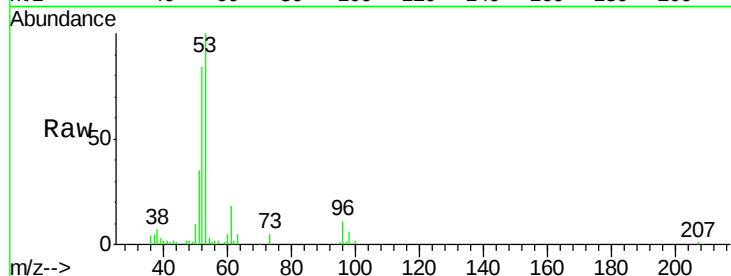
Tgt Ion: 53 Resp: 48090

Ion Ratio Lower Upper

53 100

52 83.0 66.6 100.0

51 37.5 30.6 46.0



#16

Acetone

Concen: 92.24 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

Lab File: VW002568.D

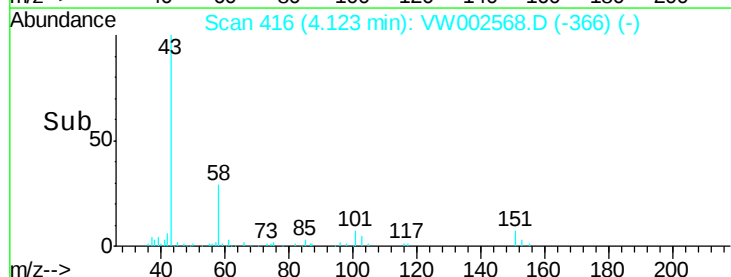
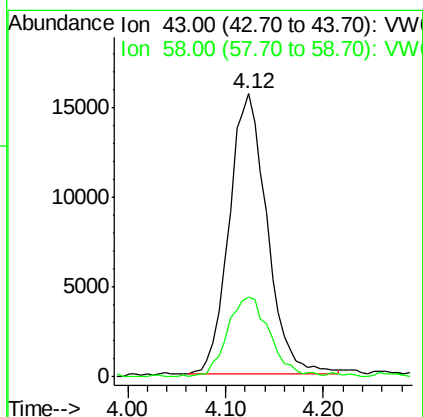
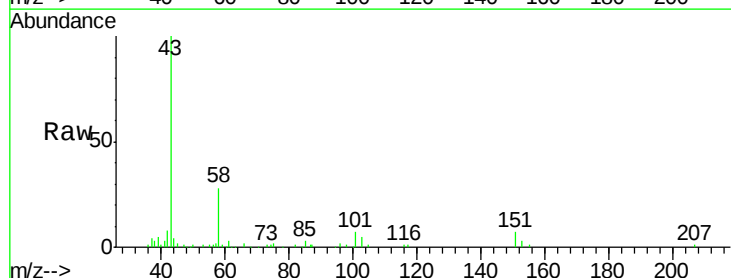
Acq: 16 May 2018 00:32

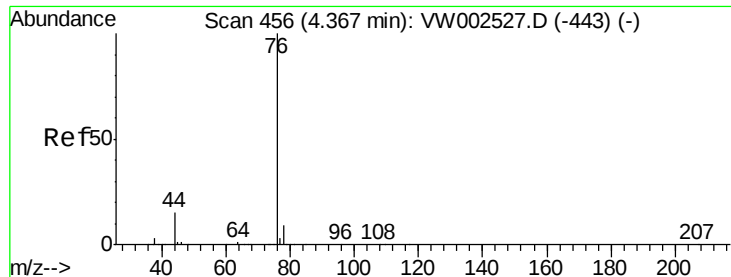
Tgt Ion: 43 Resp: 41891

Ion Ratio Lower Upper

43 100

58 28.2 23.4 35.0





#17

Carbon Disulfide

Concen: 20.20 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW002568.D

Acq: 16 May 2018 00:32

Instrument :

MSVOA_W

ClientSampleId :

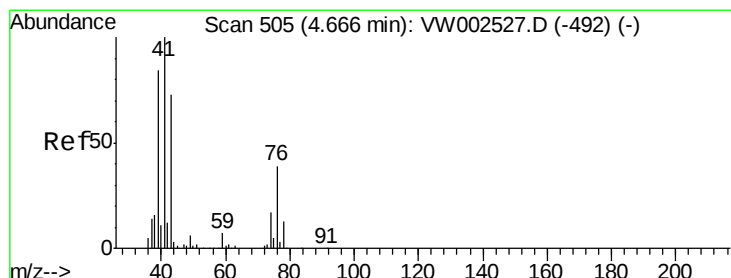
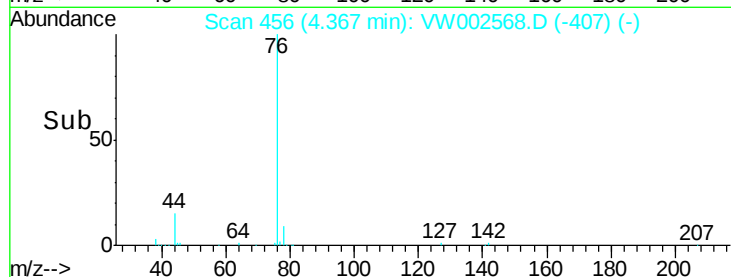
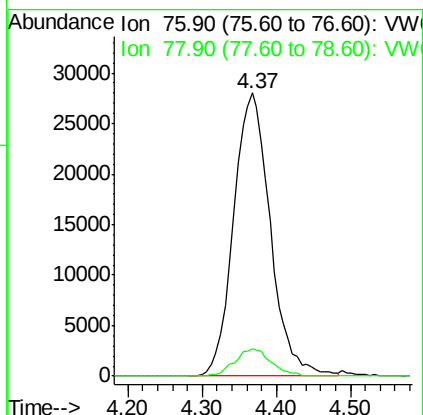
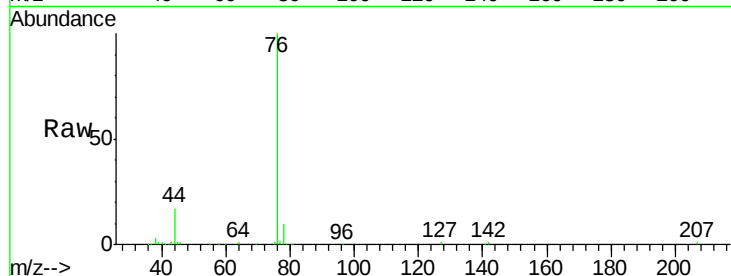
VW0515SBS03

Tgt Ion: 76 Resp: 96759

Ion Ratio Lower Upper

76 100

78 9.9 7.5 11.3



#18

Methyl Acetate

Concen: 18.87 ug/l

RT: 4.67 min Scan# 506

Delta R.T. 0.01 min

Lab File: VW002568.D

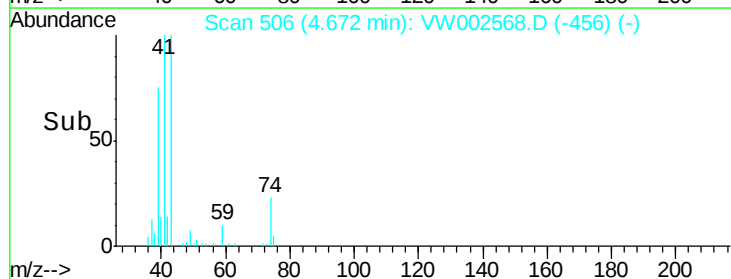
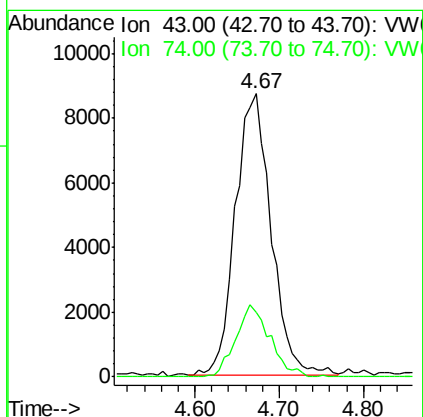
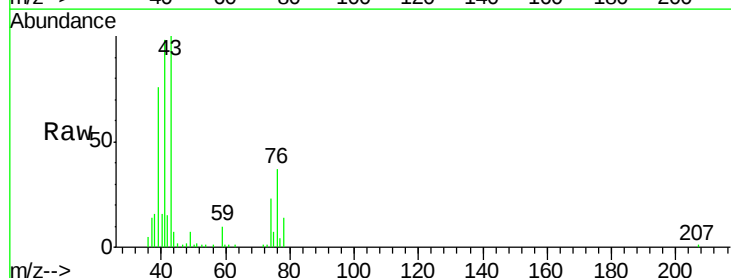
Acq: 16 May 2018 00:32

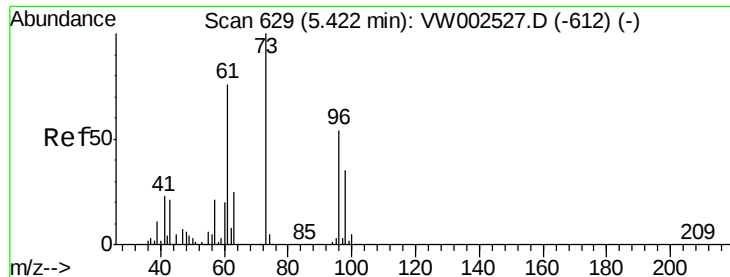
Tgt Ion: 43 Resp: 24989

Ion Ratio Lower Upper

43 100

74 24.4 19.2 28.8

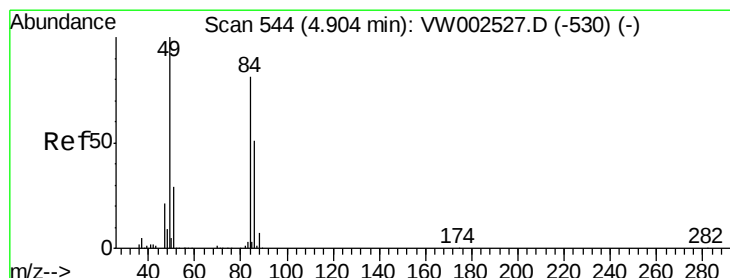
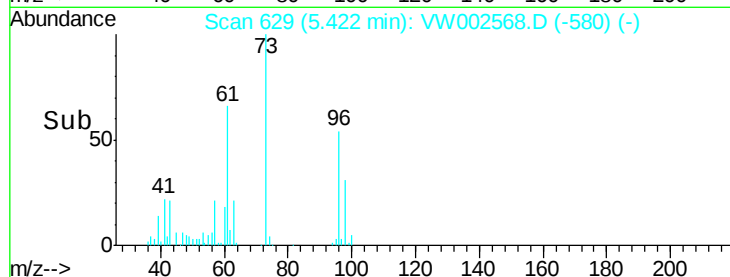
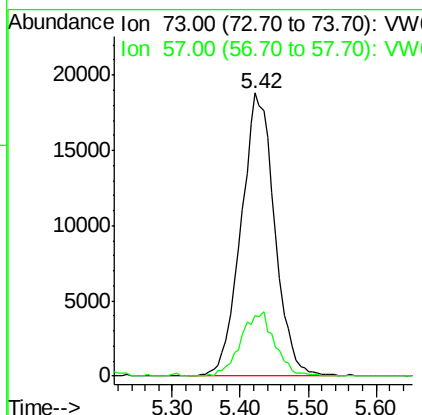
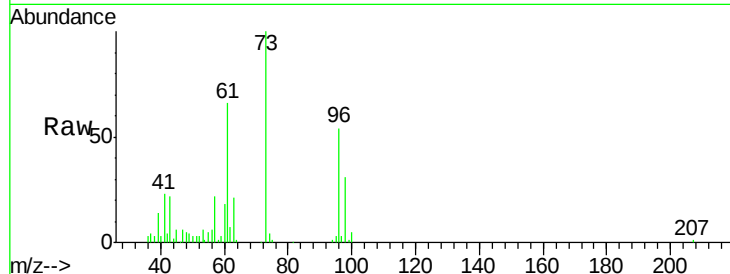




#19
Methyl tert-butyl Ether
Concen: 20.20 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.00 min
Lab File: VW002568.D
Acq: 16 May 2018 00:32

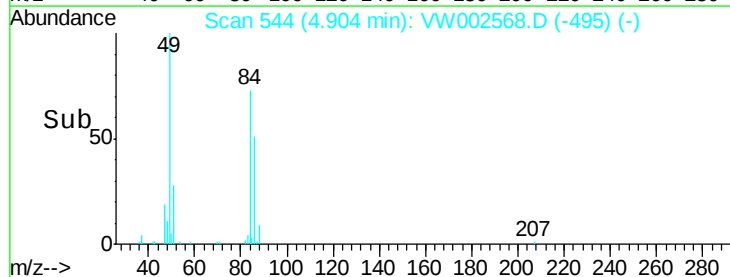
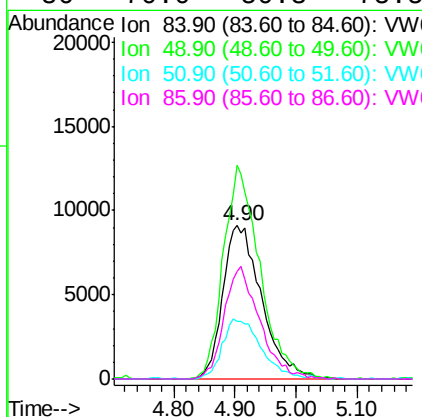
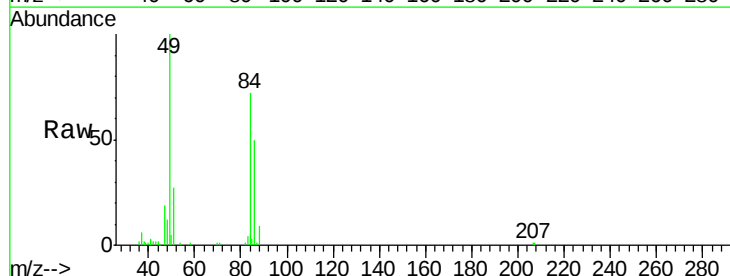
Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS03

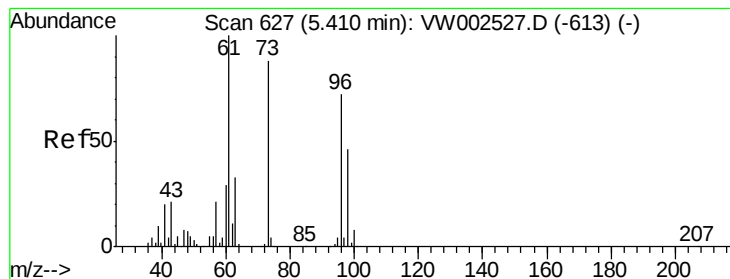
Tgt Ion: 73 Resp: 64629
Ion Ratio Lower Upper
73 100
57 21.5 17.0 25.6



#20
Methylene Chloride
Concen: 20.45 ug/l
RT: 4.90 min Scan# 544
Delta R.T. 0.00 min
Lab File: VW002568.D
Acq: 16 May 2018 00:32

Tgt Ion: 84 Resp: 39892
Ion Ratio Lower Upper
84 100
49 139.2 99.4 149.0
51 37.9 29.0 43.6
86 70.0 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 20.80 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.00 min

Lab File: VW002568.D

Acq: 16 May 2018 00:32

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS03

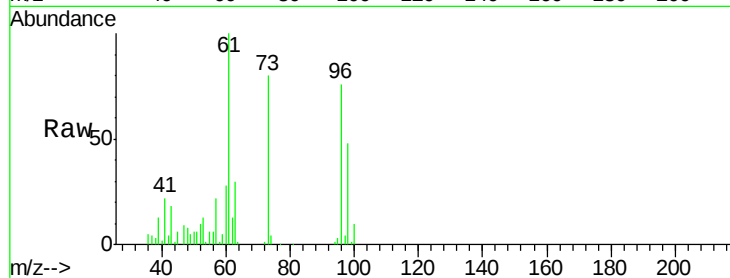
Tgt Ion: 96 Resp: 39151

Ion Ratio Lower Upper

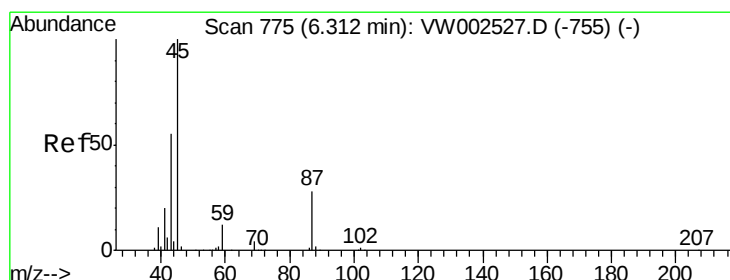
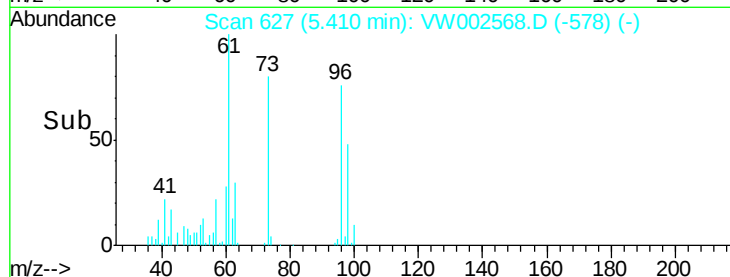
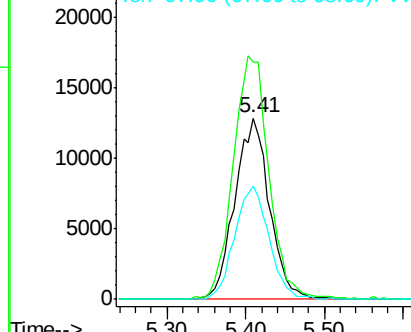
96 100

61 130.4 111.6 167.4

98 62.6 51.7 77.5



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



#22

Diisopropyl ether

Concen: 20.36 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW002568.D

Acq: 16 May 2018 00:32

Tgt Ion: 45 Resp: 116536

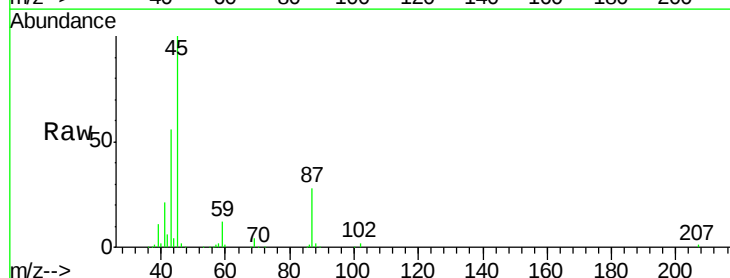
Ion Ratio Lower Upper

45 100

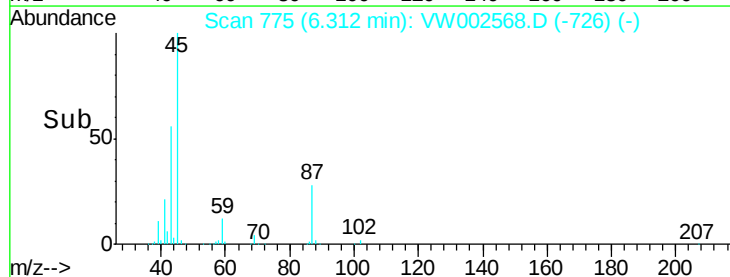
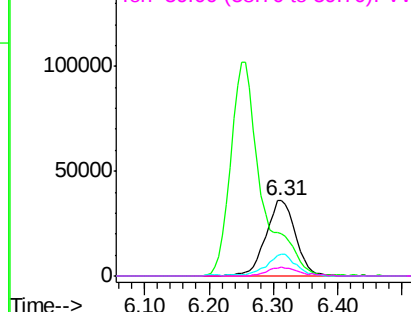
43 56.3 44.4 66.6

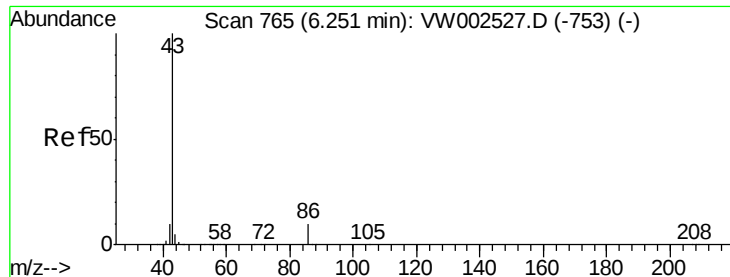
87 28.1 23.0 34.4

59 11.4 9.4 14.2



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





#23

Vinyl Acetate

Concen: 99.10 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.01 min

Lab File: VW002568.D

Acq: 16 May 2018 00:32

Instrument :

MSVOA_W

ClientSampleId :

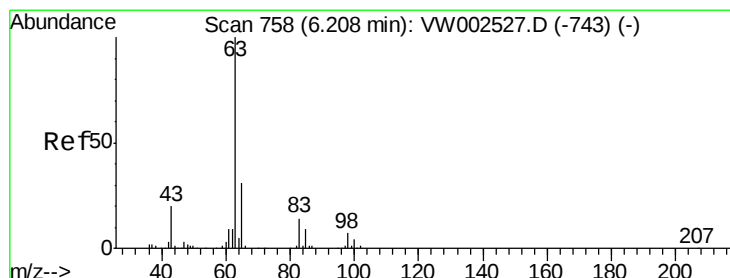
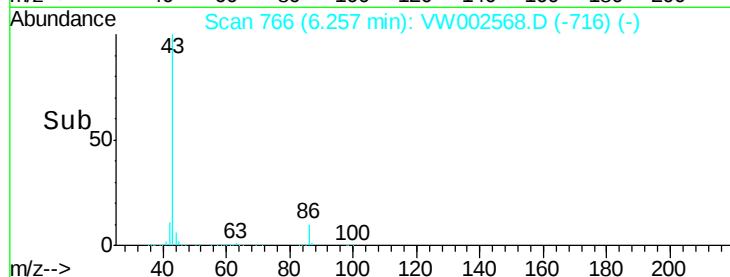
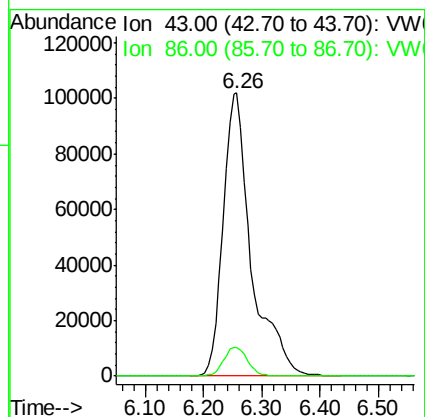
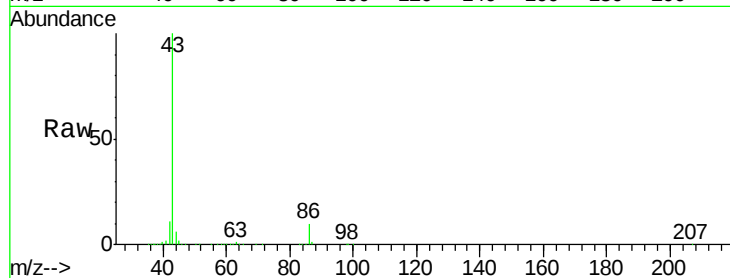
VW0515SBS03

Tgt Ion: 43 Resp: 343746

Ion Ratio Lower Upper

43 100

86 10.0 7.9 11.9



#24

1,1-Dichloroethane

Concen: 20.59 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.00 min

Lab File: VW002568.D

Acq: 16 May 2018 00:32

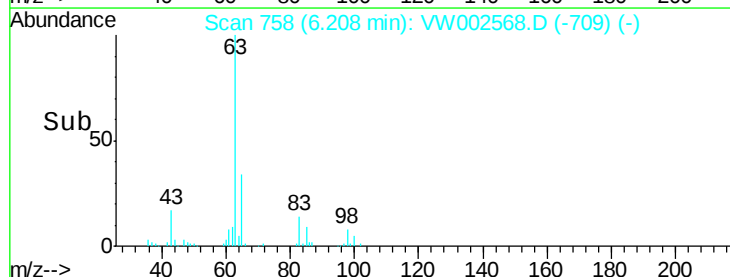
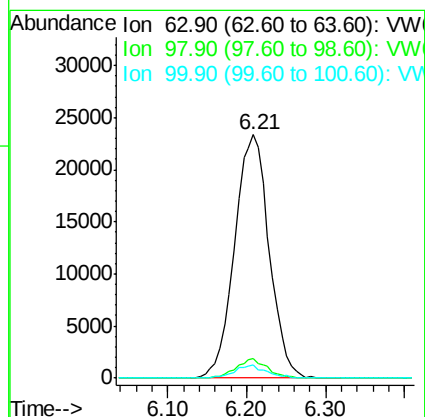
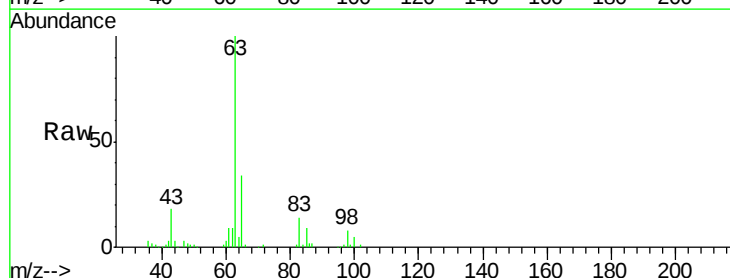
Tgt Ion: 63 Resp: 71023

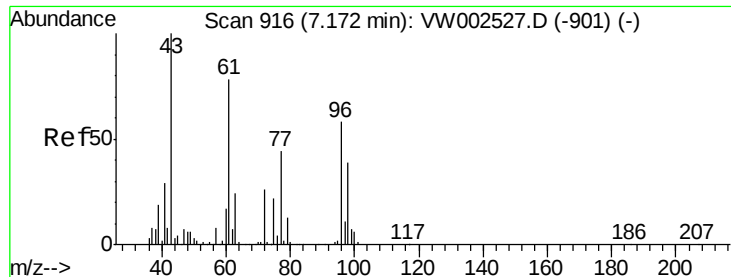
Ion Ratio Lower Upper

63 100

98 8.2 3.6 10.9

100 5.4 2.1 6.5





#25

2-Butanone

Concen: 100.49 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.01 min

Lab File: VW002568.D

Acq: 16 May 2018 00:32

Instrument :

MSVOA_W

ClientSampled :

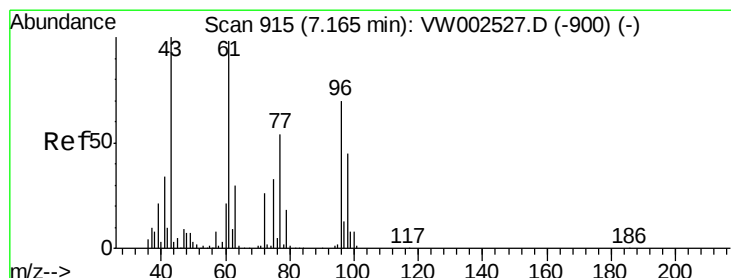
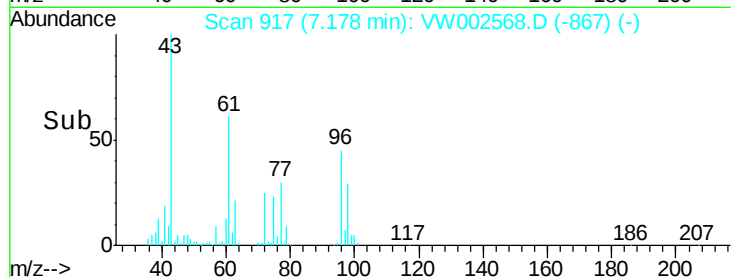
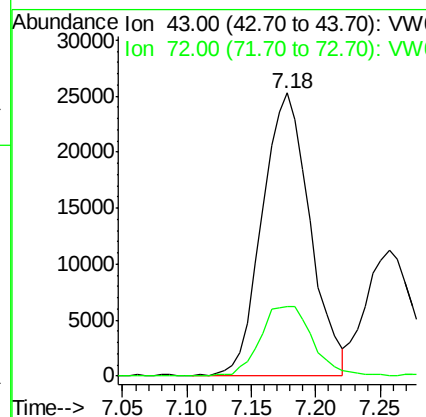
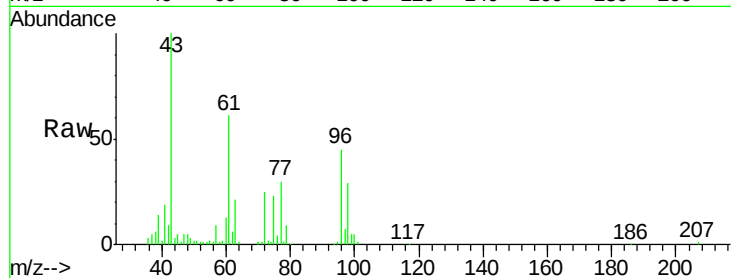
VW0515SBS03

Tgt Ion: 43 Resp: 64538

Ion Ratio Lower Upper

43 100

72 24.8 20.9 31.3



#26

2,2-Dichloropropane

Concen: 17.00 ug/l

RT: 7.16 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW002568.D

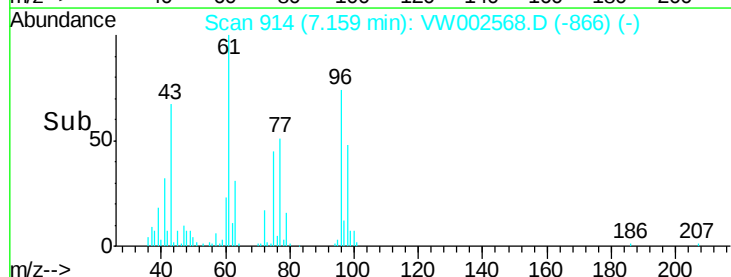
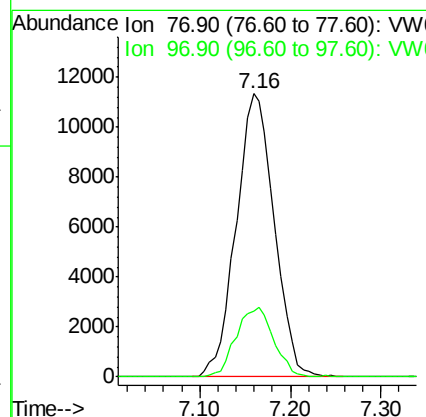
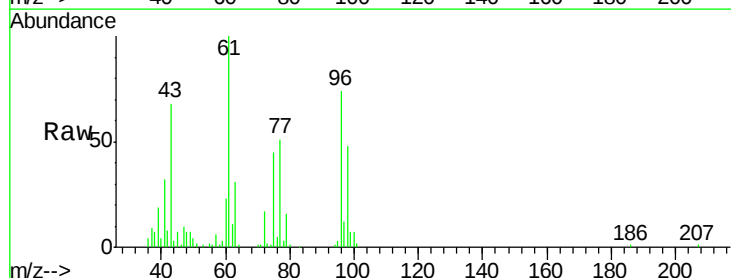
Acq: 16 May 2018 00:32

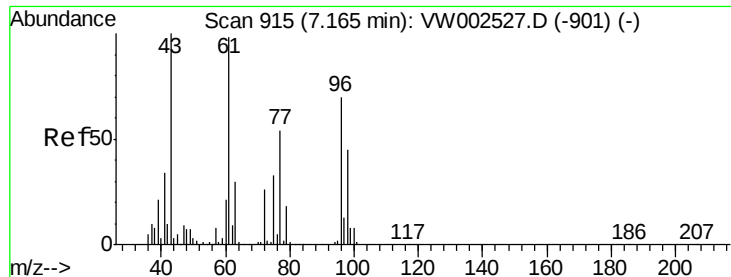
Tgt Ion: 77 Resp: 32869

Ion Ratio Lower Upper

77 100

97 24.3 12.1 36.3



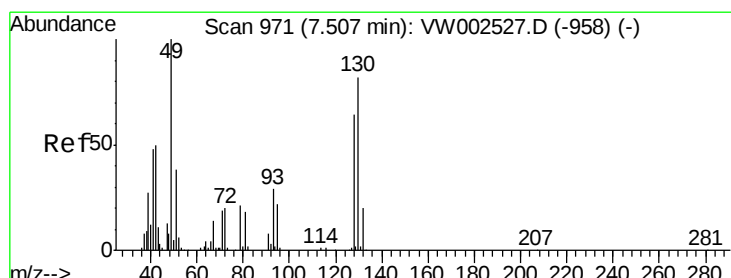
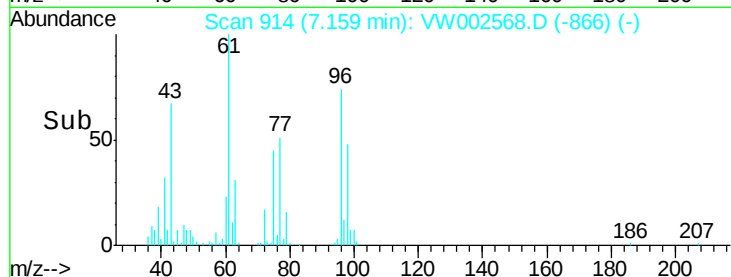
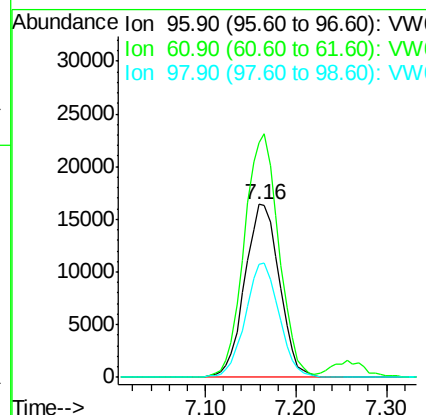
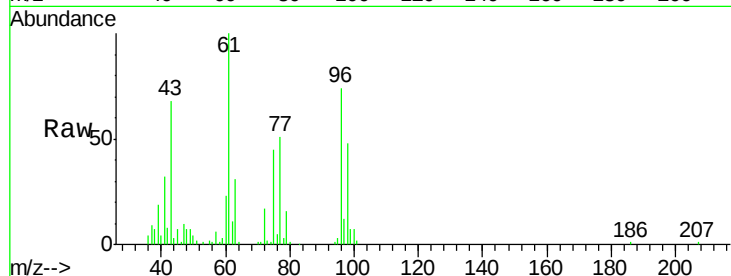


#27

cis-1,2-Dichloroethene
Concen: 20.25 ug/l
RT: 7.16 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW002568.D
Acq: 16 May 2018 00:32

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS03

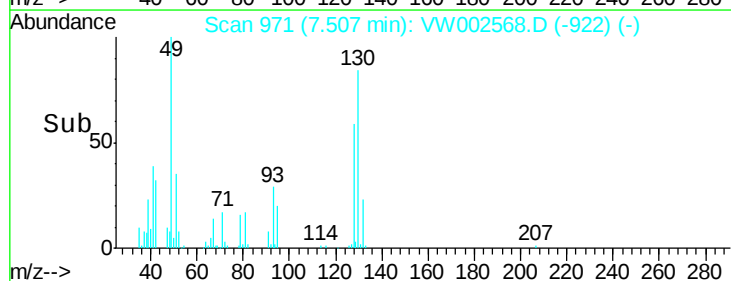
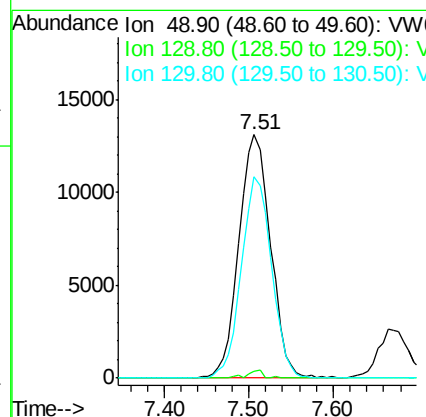
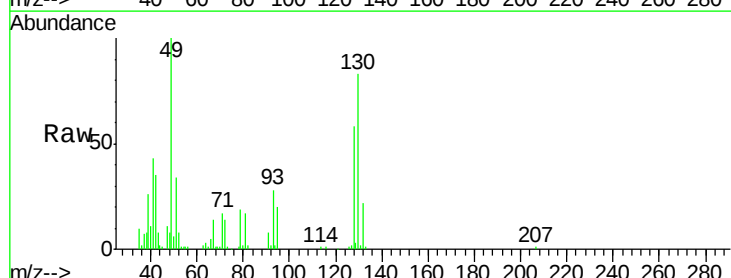
Tgt Ion: 96 Resp: 43492
Ion Ratio Lower Upper
96 100
61 139.8 0.0 281.6
98 64.1 0.0 130.8

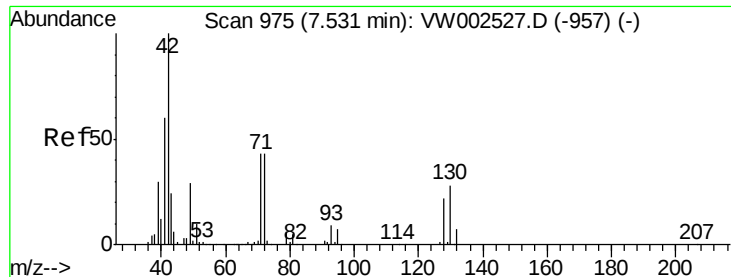


#28

Bromochloromethane
Concen: 21.65 ug/l
RT: 7.51 min Scan# 971
Delta R.T. -0.00 min
Lab File: VW002568.D
Acq: 16 May 2018 00:32

Tgt Ion: 49 Resp: 33331
Ion Ratio Lower Upper
49 100
129 1.4 0.0 4.4
130 78.7 64.7 97.1

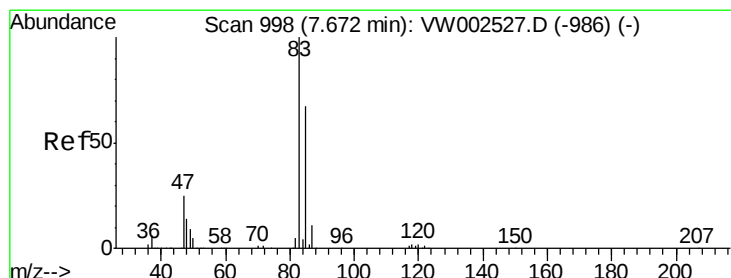
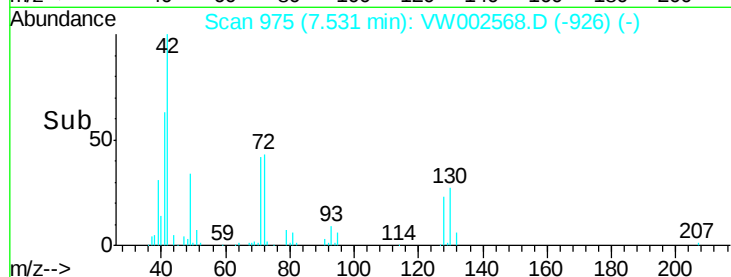
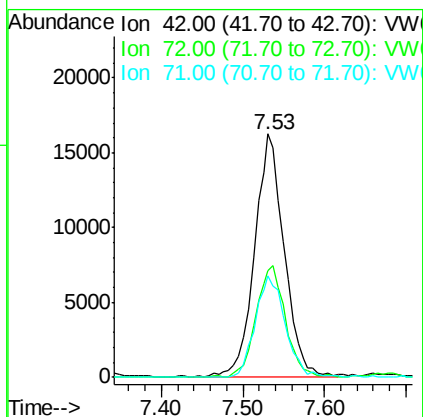
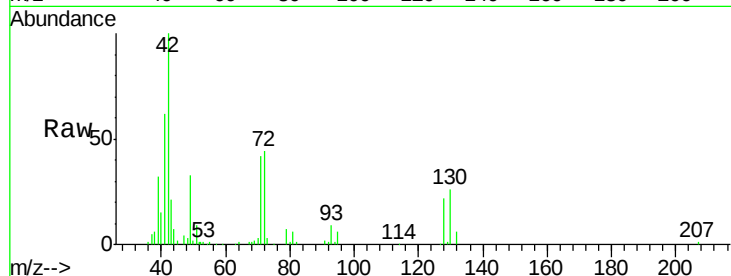




#29
Tetrahydrofuran
Concen: 103.20 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.00 min
Lab File: VW002568.D
Acq: 16 May 2018 00:32

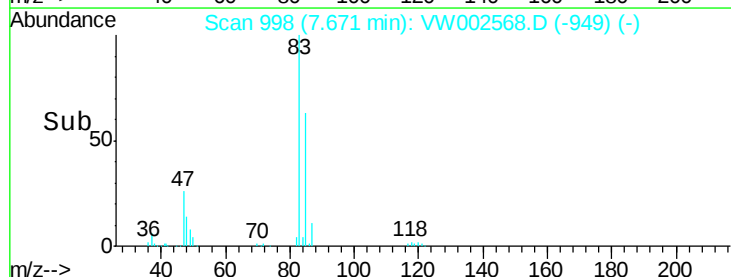
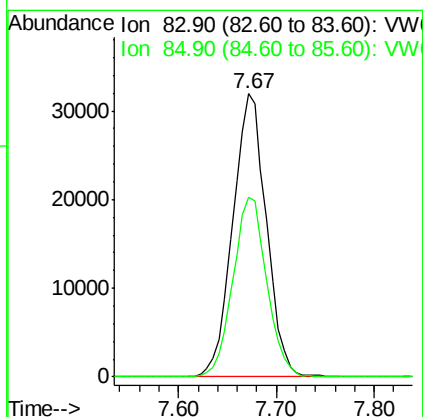
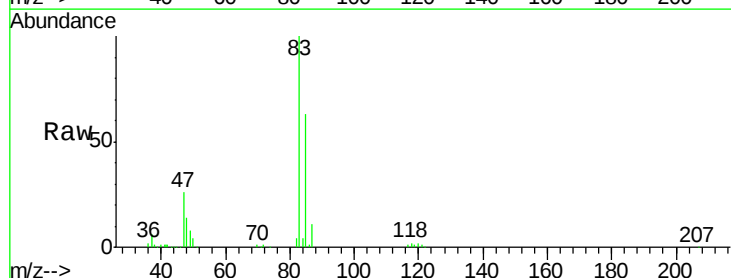
Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS03

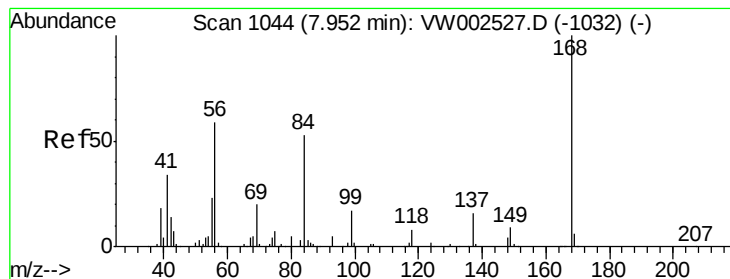
Tgt Ion: 42 Resp: 41401
Ion Ratio Lower Upper
42 100
72 45.0 35.0 52.4
71 41.9 33.0 49.6



#30
Chloroform
Concen: 20.53 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.00 min
Lab File: VW002568.D
Acq: 16 May 2018 00:32

Tgt Ion: 83 Resp: 75619
Ion Ratio Lower Upper
83 100
85 63.3 53.9 80.9





#31

Cyclohexane

Concen: 19.63 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW002568.D

Acq: 16 May 2018 00:32

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS03

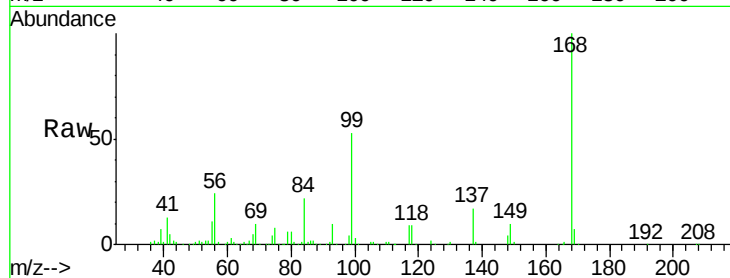
Tgt Ion: 56 Resp: 59978

Ion Ratio Lower Upper

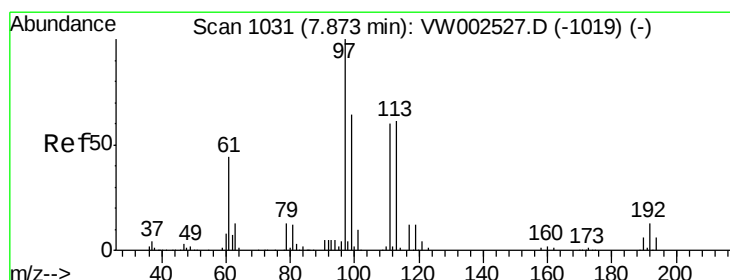
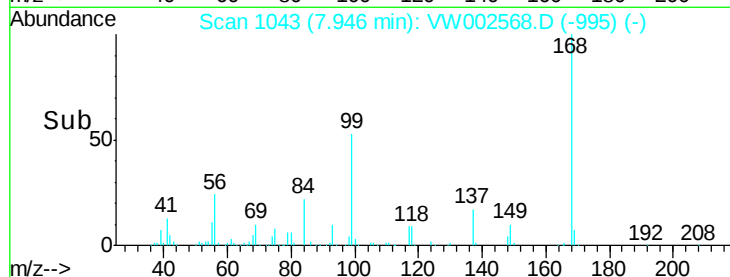
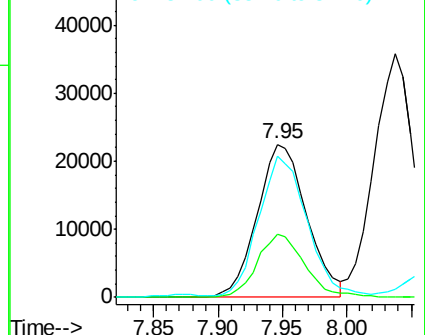
56 100

69 41.3 27.0 40.4#

84 90.6 72.2 108.2



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



#32

1,1,1-Trichloroethane

Concen: 20.19 ug/l

RT: 7.87 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VW002568.D

Acq: 16 May 2018 00:32

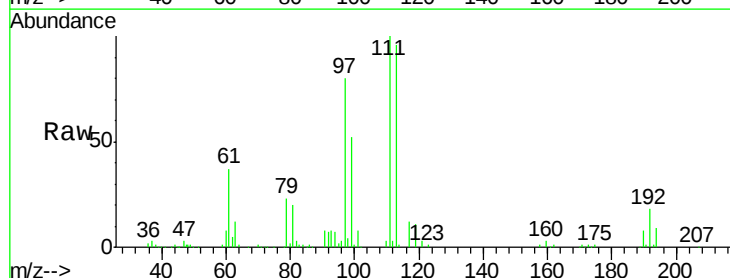
Tgt Ion: 97 Resp: 56094

Ion Ratio Lower Upper

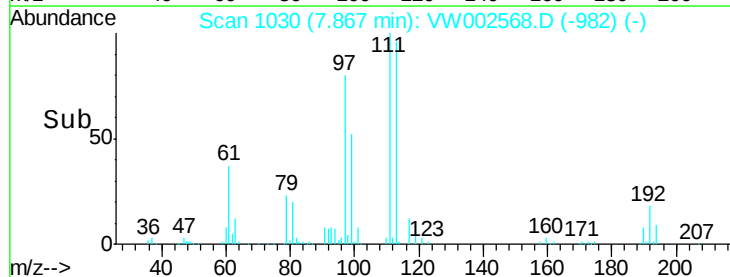
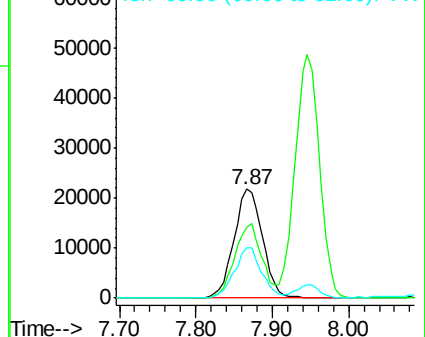
97 100

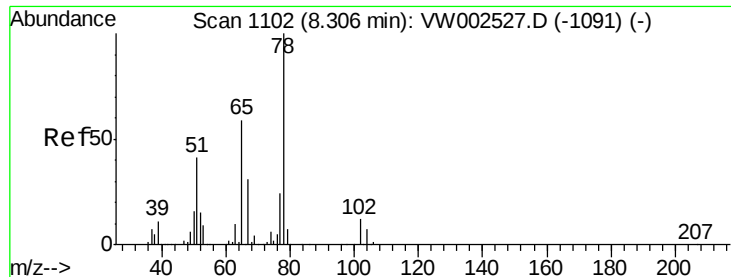
99 65.0 51.1 76.7

61 44.3 35.9 53.9



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

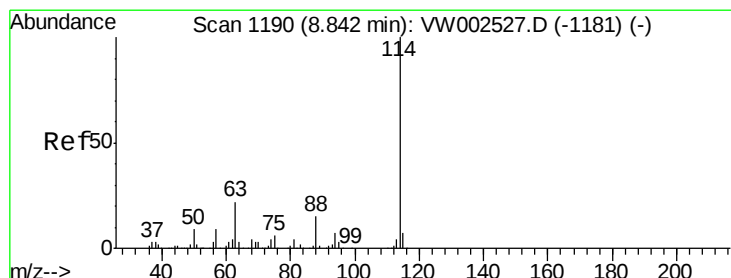
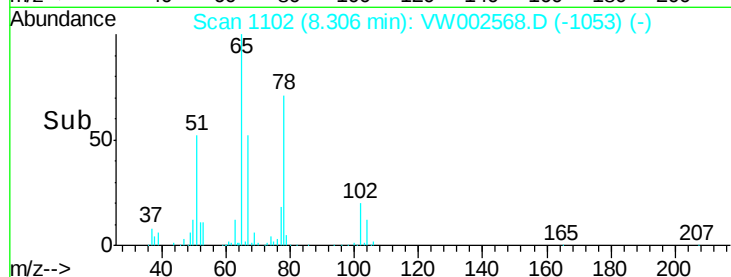
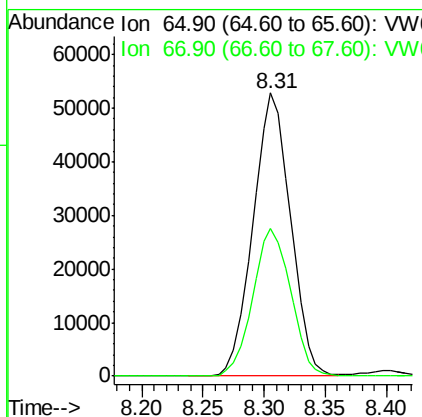
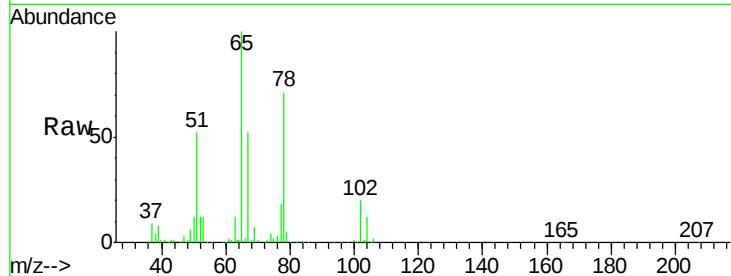




#33
 1,2-Dichloroethane-d4
 Concen: 52.35 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW002568.D
 Acq: 16 May 2018 00:32

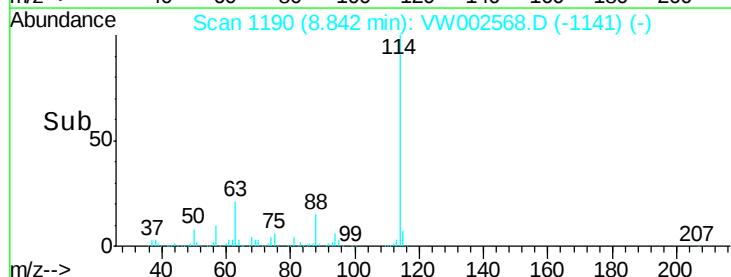
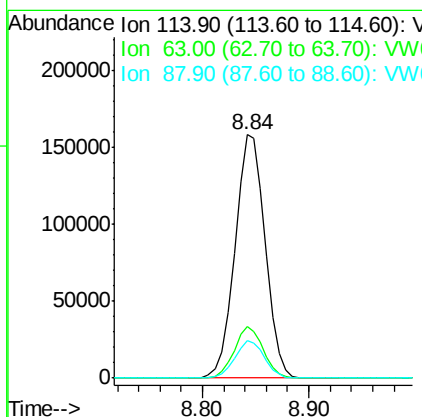
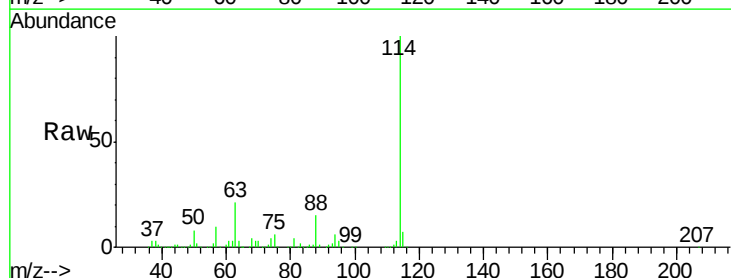
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBS03

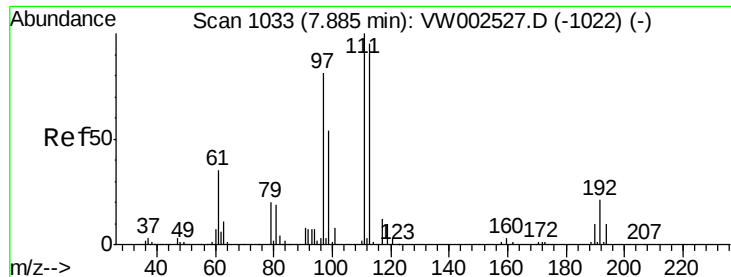
Tgt Ion: 65 Resp: 112622
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: VW002568.D
 Acq: 16 May 2018 00:32

Tgt Ion: 114 Resp: 313266
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.2
 88 15.2 0.0 29.2

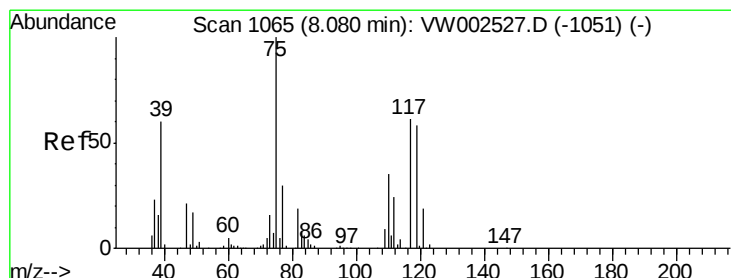
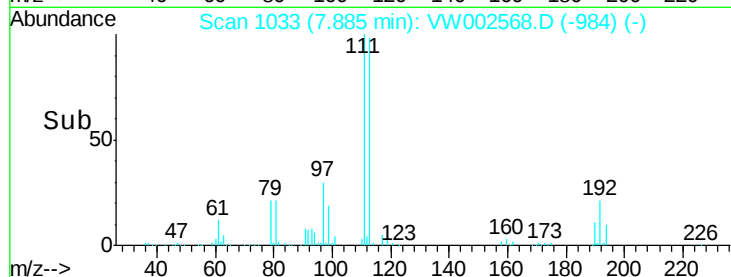
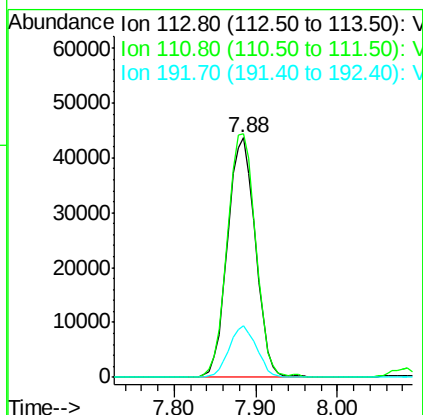
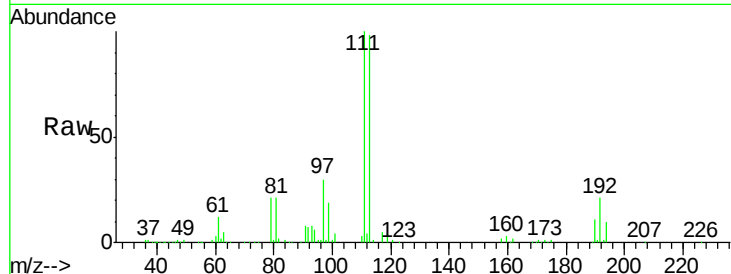




#35
 Dibromofluoromethane
 Concen: 51.70 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002568.D
 Acq: 16 May 2018 00:32

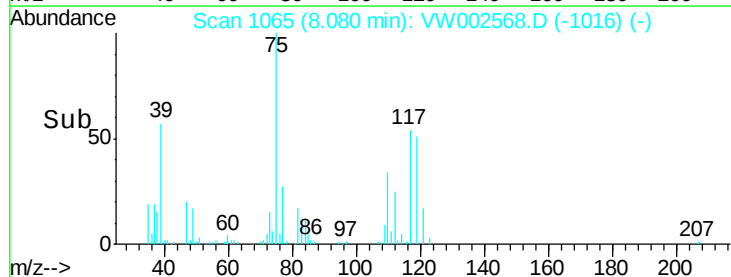
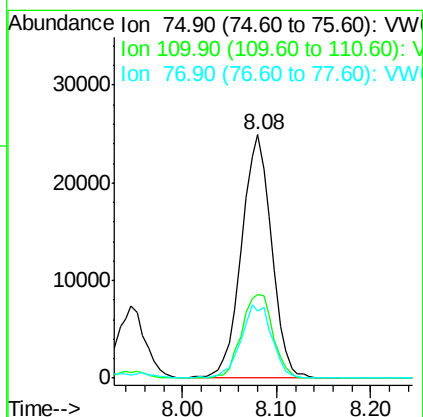
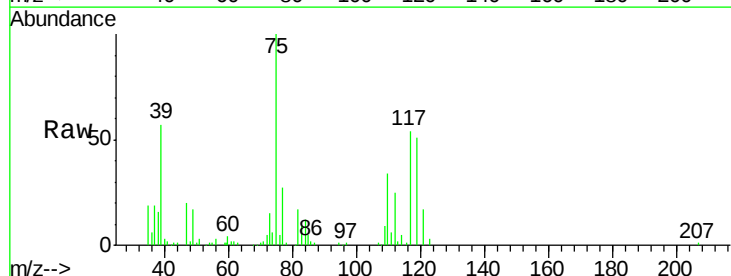
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBS03

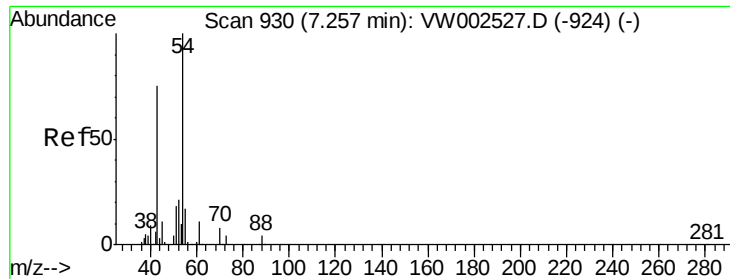
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.8	122.8
192	21.3	17.5	26.3



#36
 1,1-Dichloropropene
 Concen: 20.25 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW002568.D
 Acq: 16 May 2018 00:32

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.8	53.5
77	30.8	24.5	36.7

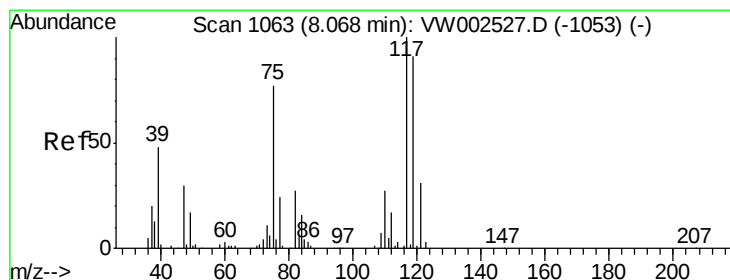
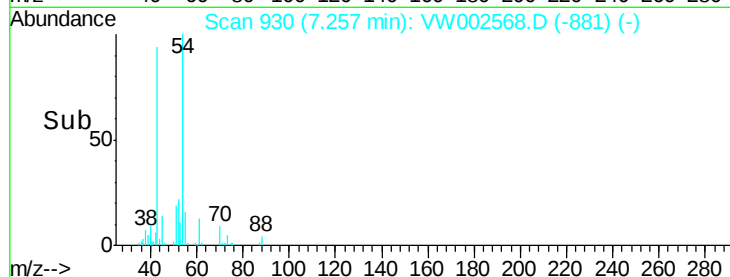
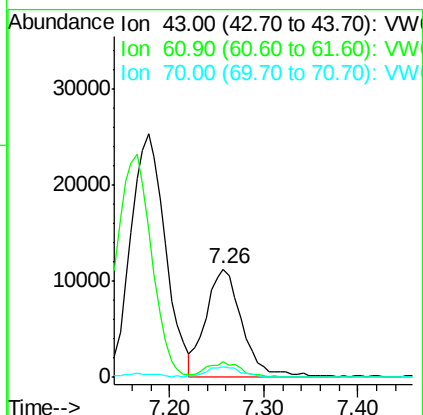
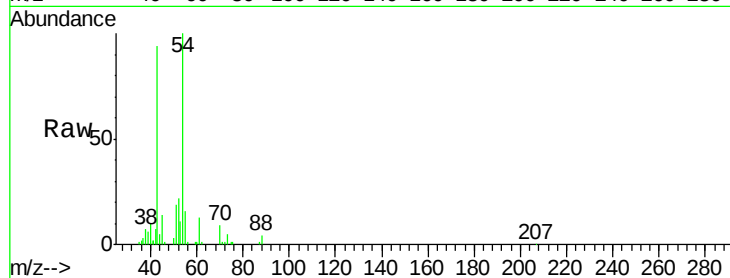




#37
Ethyl Acetate
Concen: 21.40 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW002568.D
Acq: 16 May 2018 00:32

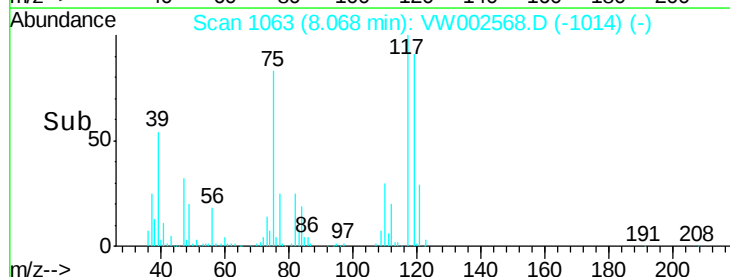
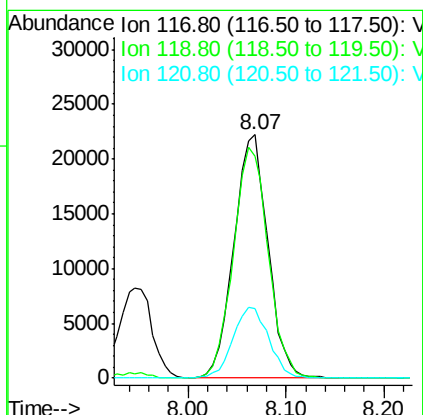
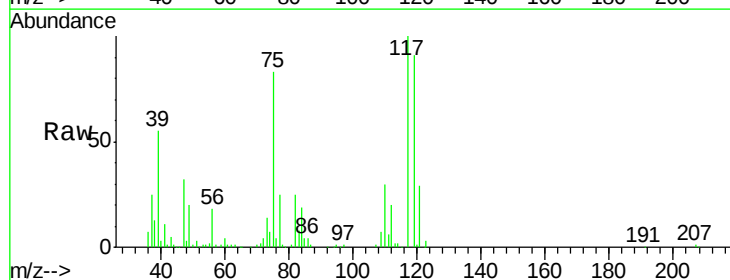
Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS03

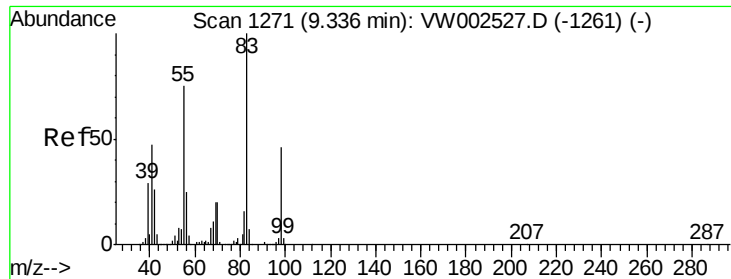
Tgt Ion: 43 Resp: 29345
Ion Ratio Lower Upper
43 100
61 14.0 11.1 16.7
70 9.8 7.8 11.8



#38
Carbon Tetrachloride
Concen: 19.85 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW002568.D
Acq: 16 May 2018 00:32

Tgt Ion: 117 Resp: 53732
Ion Ratio Lower Upper
117 100
119 91.3 73.1 109.7
121 28.8 24.4 36.6

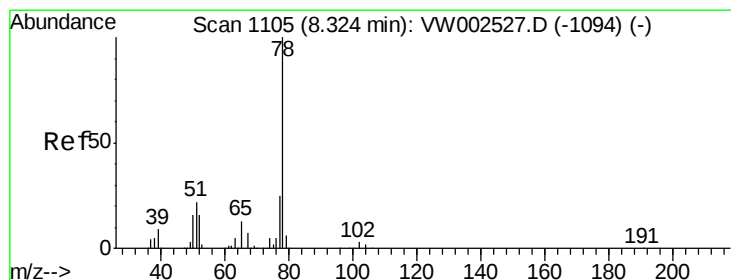
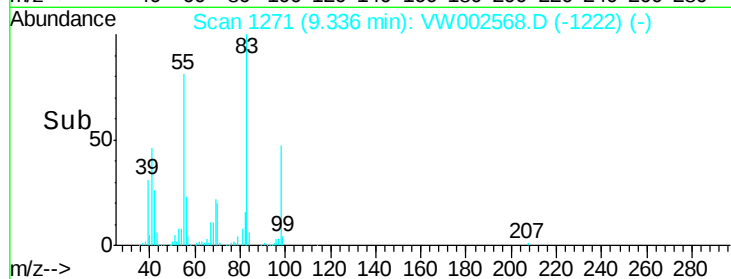
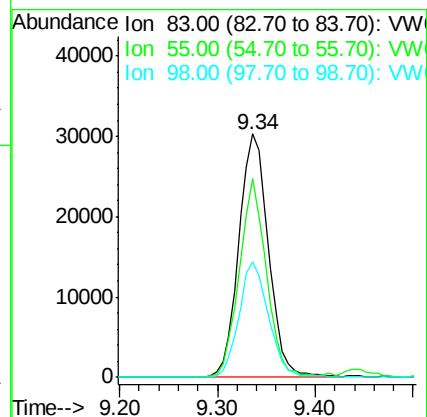
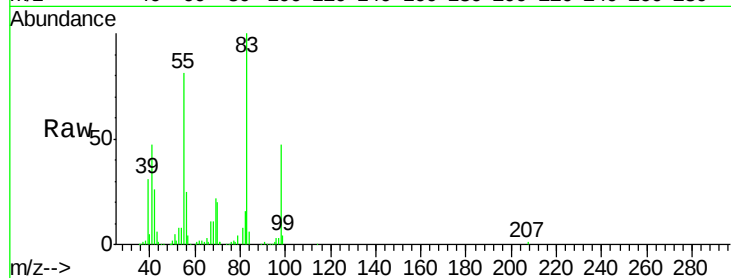




#39
Methylcyclohexane
Concen: 20.16 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW002568.D
Acq: 16 May 2018 00:32

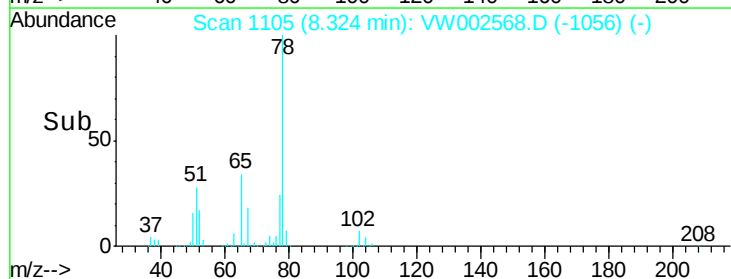
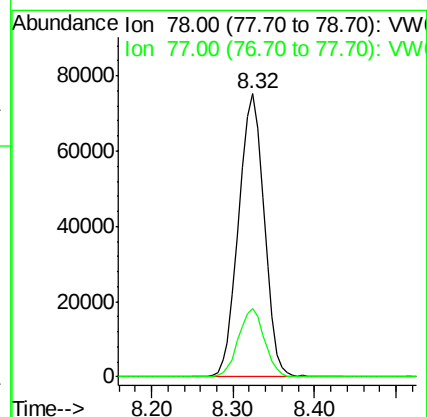
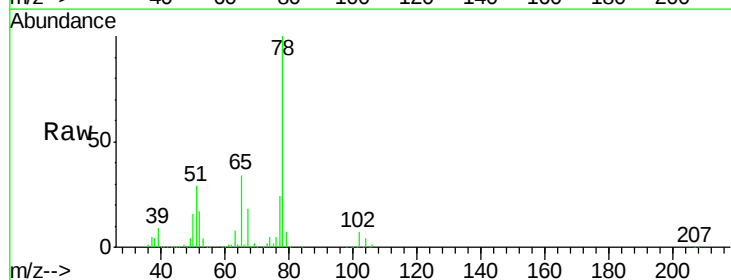
Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS03

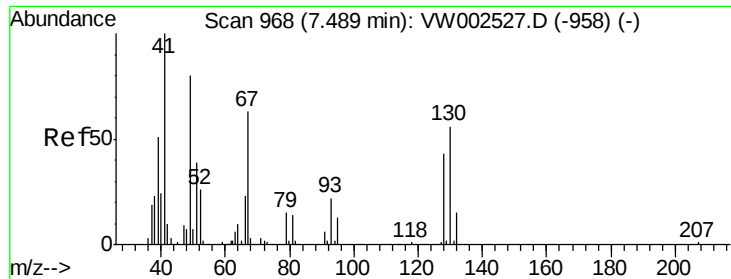
Tgt Ion: 83 Resp: 63846
Ion Ratio Lower Upper
83 100
55 81.5 60.0 90.0
98 47.2 37.0 55.4



#40
Benzene
Concen: 20.55 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW002568.D
Acq: 16 May 2018 00:32

Tgt Ion: 78 Resp: 163114
Ion Ratio Lower Upper
78 100
77 24.1 19.9 29.9





#41

Methacrylonitrile

Concen: 20.57 ug/l

RT: 7.49 min Scan# 968

Delta R.T. -0.00 min

Lab File: VW002568.D

Acq: 16 May 2018 00:32

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS03

Tgt Ion: 41 Resp: 15783

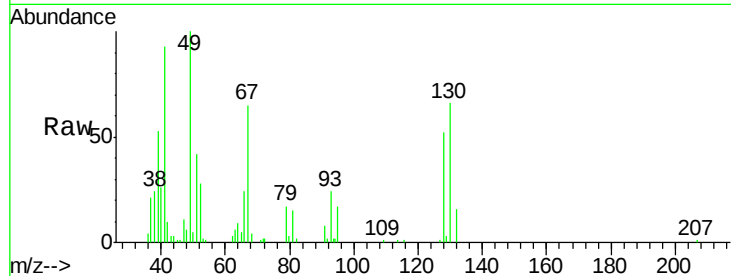
Ion Ratio Lower Upper

41 100

39 47.4 51.8 77.8#

67 74.8 59.9 89.9

52 34.9 26.6 39.8

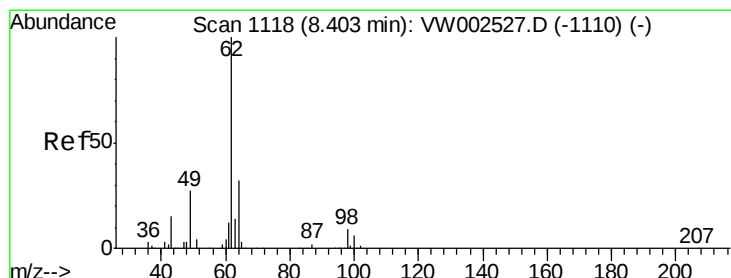
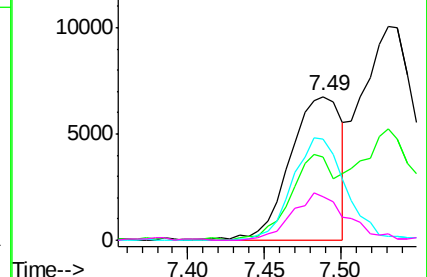
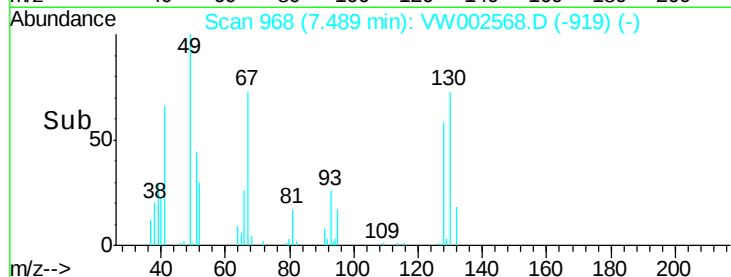


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 20.91 ug/l

RT: 8.40 min Scan# 1118

Delta R.T. -0.00 min

Lab File: VW002568.D

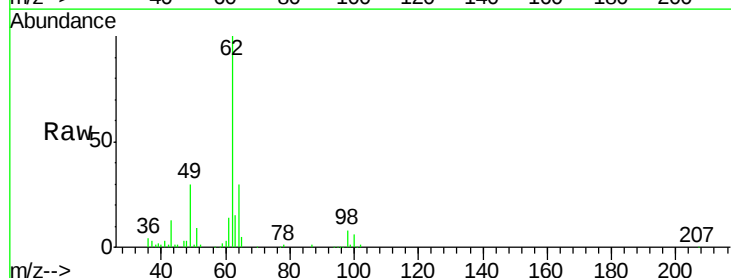
Acq: 16 May 2018 00:32

Tgt Ion: 62 Resp: 52696

Ion Ratio Lower Upper

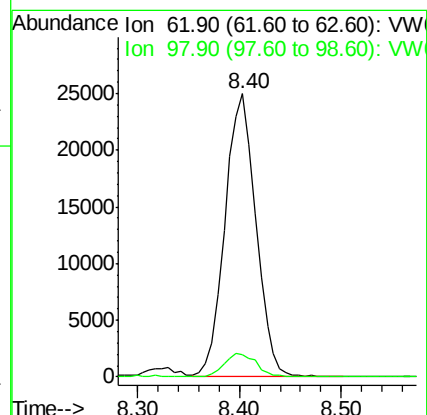
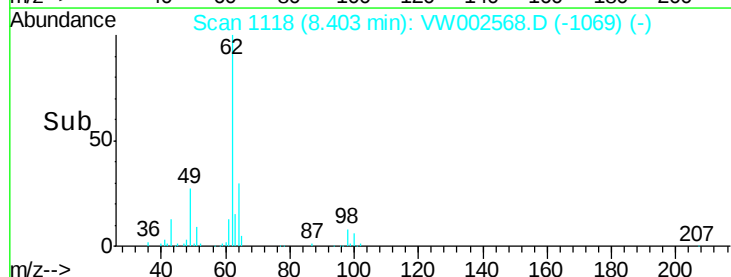
62 100

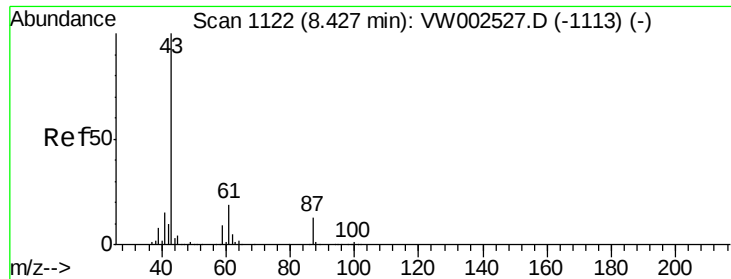
98 8.6 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

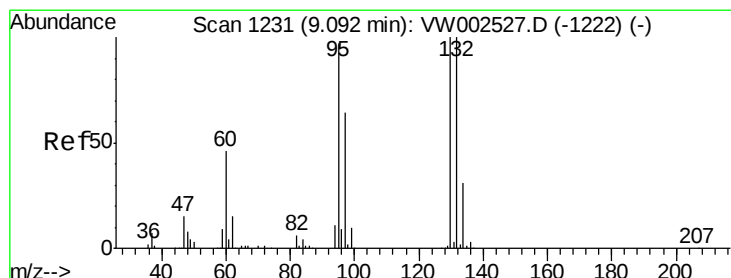
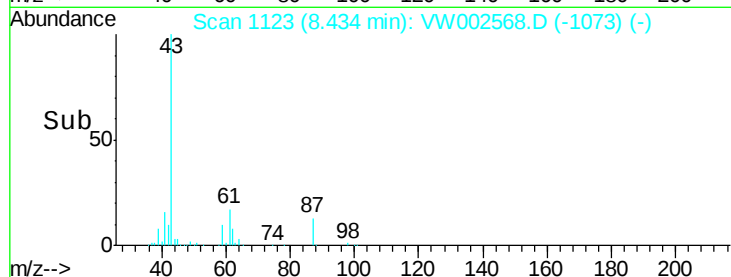
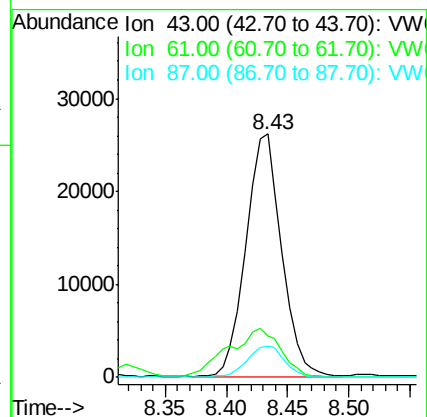
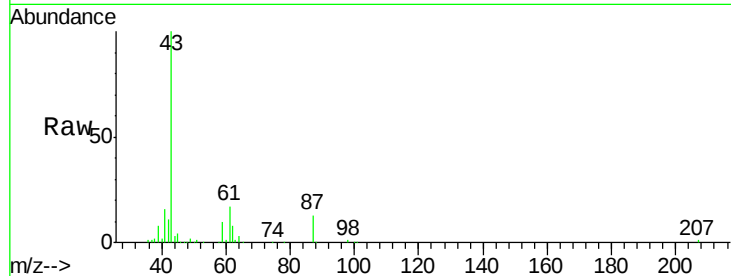




#43
Isopropyl Acetate
Concen: 20.15 ug/l
RT: 8.43 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VW002568.D
Acq: 16 May 2018 00:32

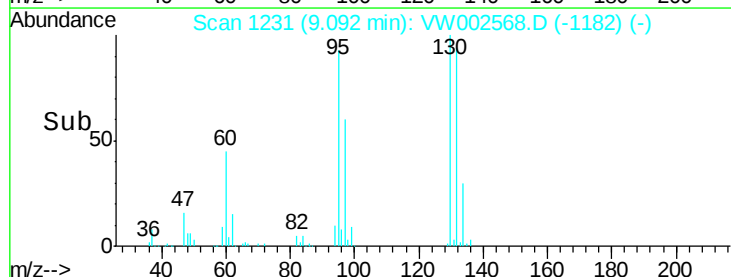
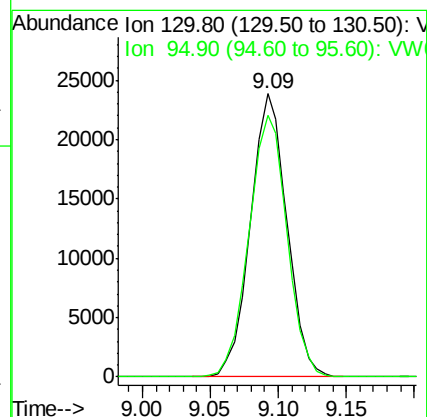
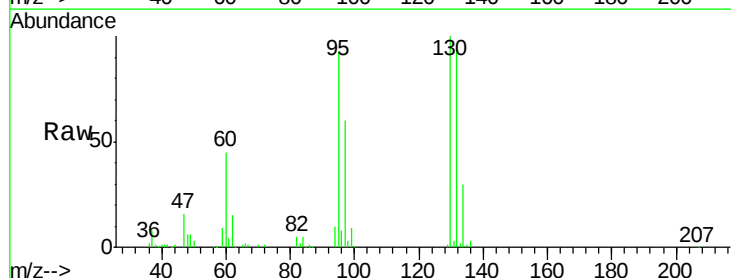
Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS03

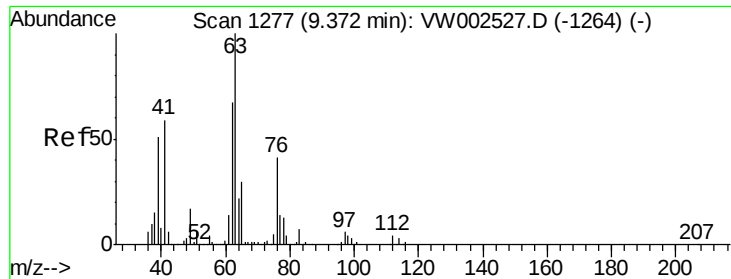
Tgt Ion: 43 Resp: 53134
Ion Ratio Lower Upper
43 100
61 29.9 23.0 34.6
87 13.7 10.6 15.8



#44
Trichloroethene
Concen: 20.63 ug/l
RT: 9.09 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VW002568.D
Acq: 16 May 2018 00:32

Tgt Ion: 130 Resp: 44864
Ion Ratio Lower Upper
130 100
95 92.6 0.0 194.6

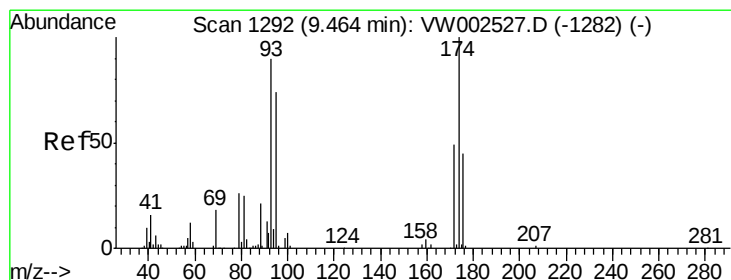
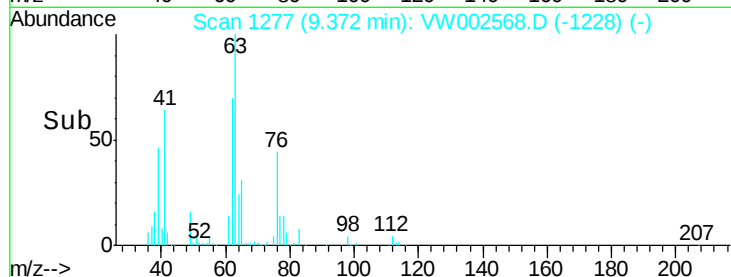
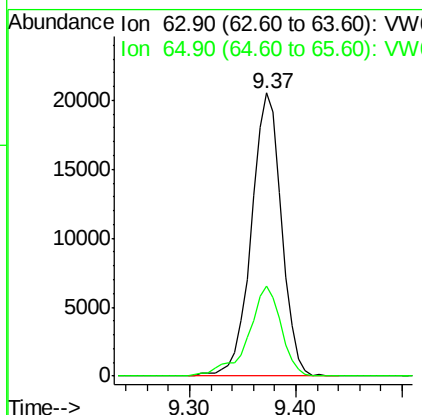
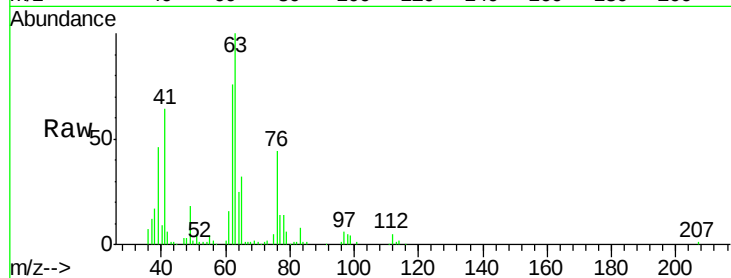




#45
 1,2-Dichloropropane
 Concen: 20.15 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW002568.D
 Acq: 16 May 2018 00:32

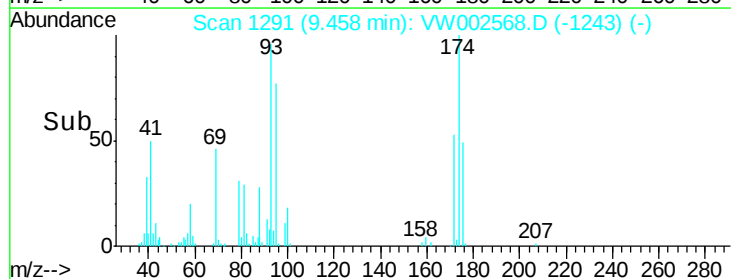
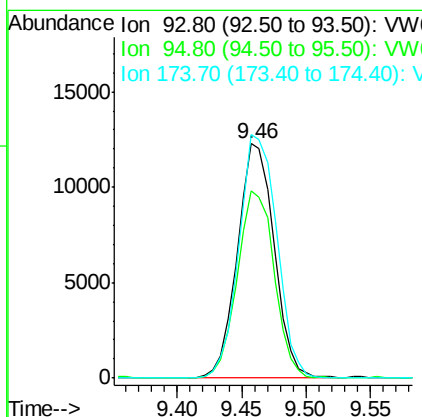
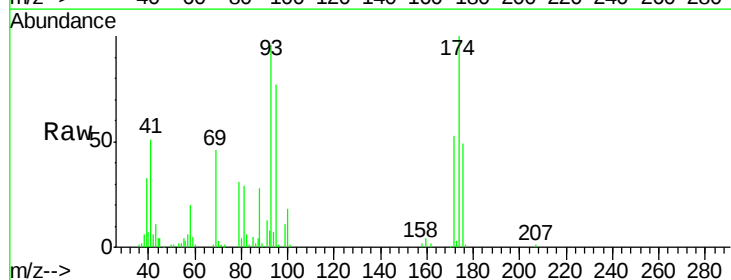
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBS03

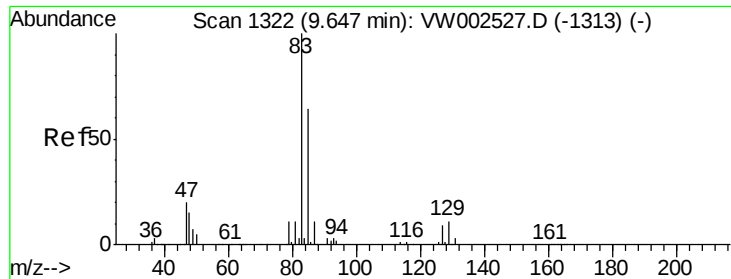
Tgt Ion: 63 Resp: 40746
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.4 36.6



#46
 Dibromomethane
 Concen: 21.07 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: VW002568.D
 Acq: 16 May 2018 00:32

Tgt Ion: 93 Resp: 24255
 Ion Ratio Lower Upper
 93 100
 95 80.5 66.6 100.0
 174 106.6 84.0 126.0





#47

Bromodichloromethane

Concen: 20.54 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW002568.D

Acq: 16 May 2018 00:32

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS03

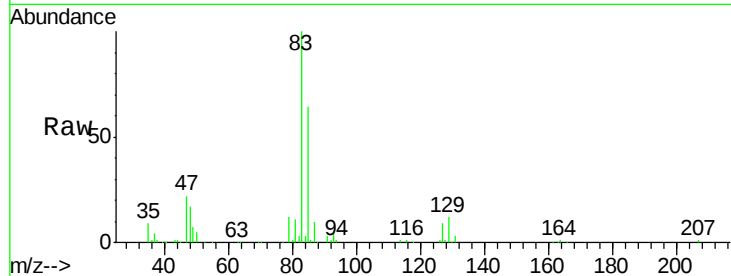
Tgt Ion: 83 Resp: 55134

Ion Ratio Lower Upper

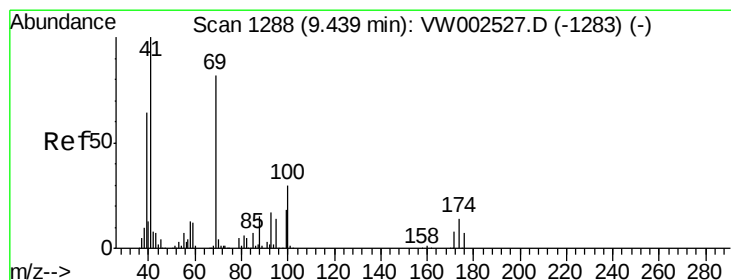
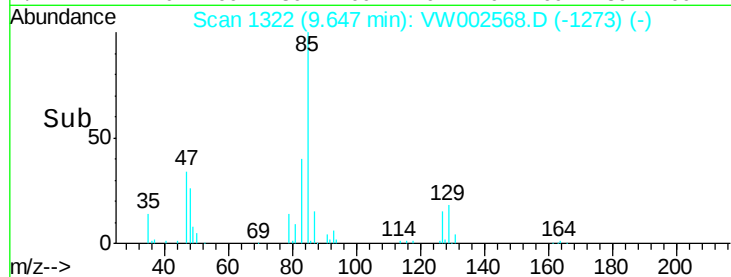
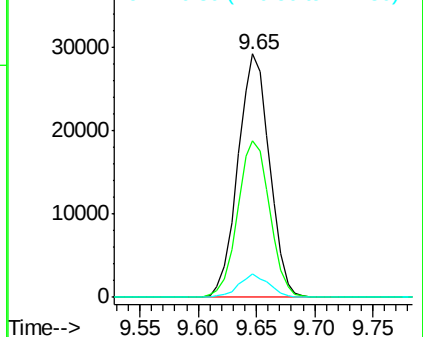
83 100

85 64.2 51.4 77.2

127 9.5 7.0 10.4



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: 20.33 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VW002568.D

Acq: 16 May 2018 00:32

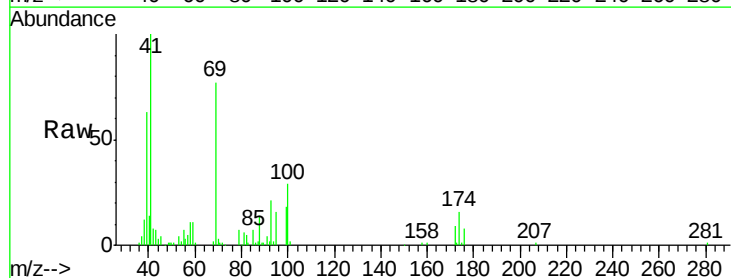
Tgt Ion: 41 Resp: 25978

Ion Ratio Lower Upper

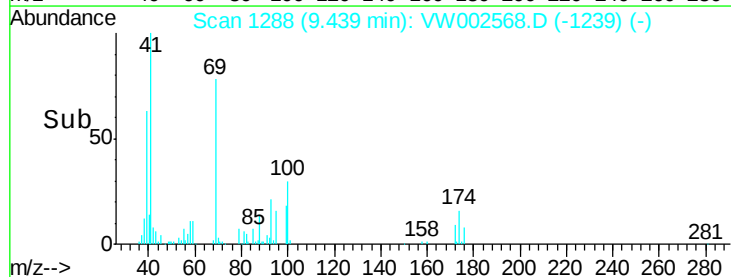
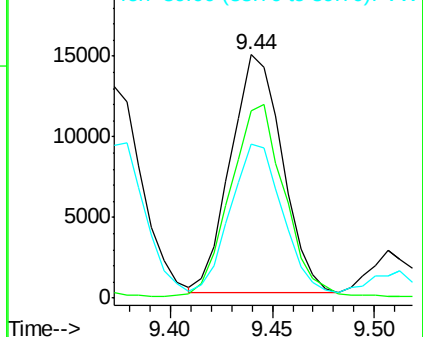
41 100

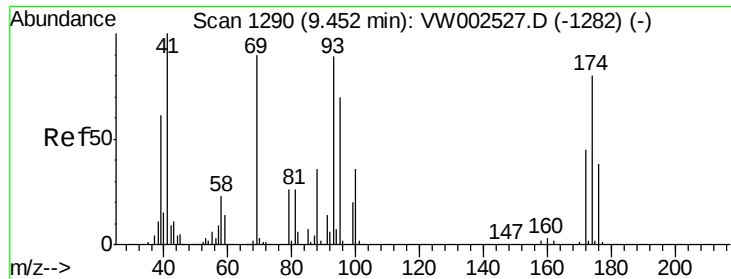
69 86.2 69.7 104.5

39 67.4 55.0 82.4



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: 419.39 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. -0.00 min

Lab File: VW002568.D

Acq: 16 May 2018 00:32

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS03

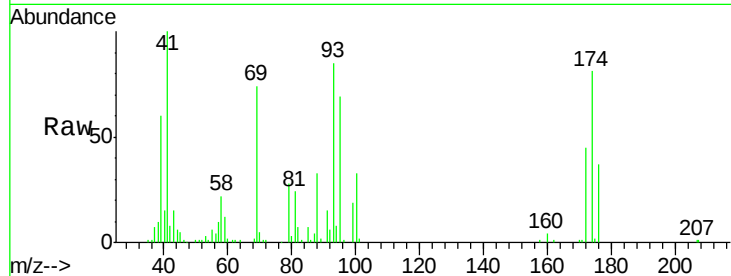
Tgt Ion: 88 Resp: 8044

Ion Ratio Lower Upper

88 100

43 34.7 27.0 40.4

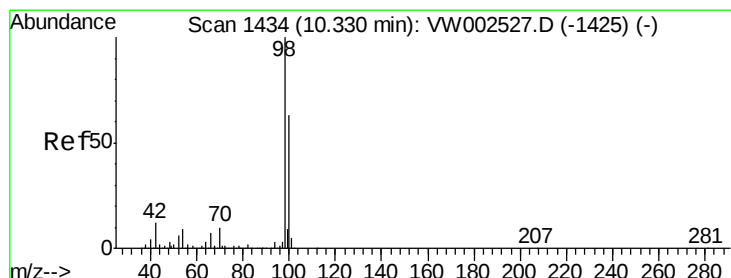
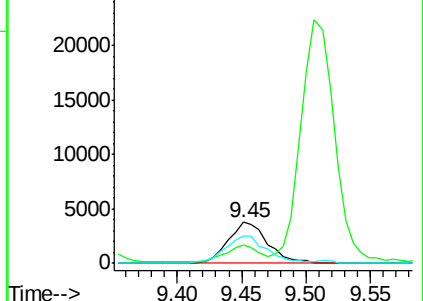
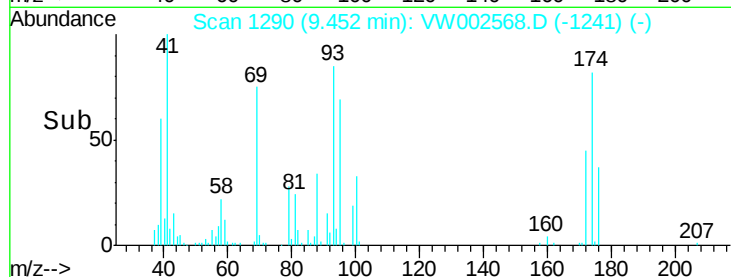
58 72.6 56.9 85.3



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 51.64 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002568.D

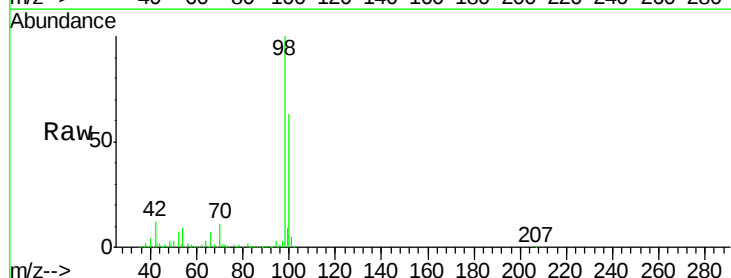
Acq: 16 May 2018 00:32

Tgt Ion: 98 Resp: 390408

Ion Ratio Lower Upper

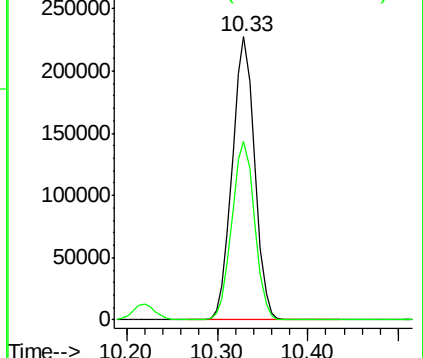
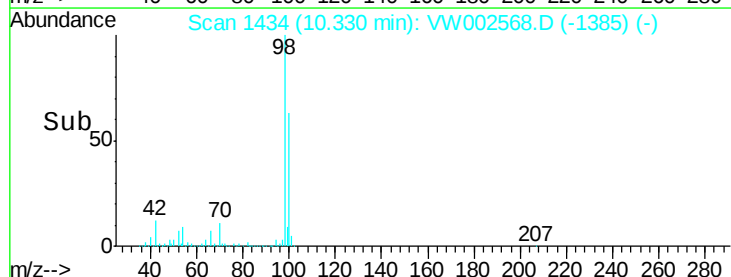
98 100

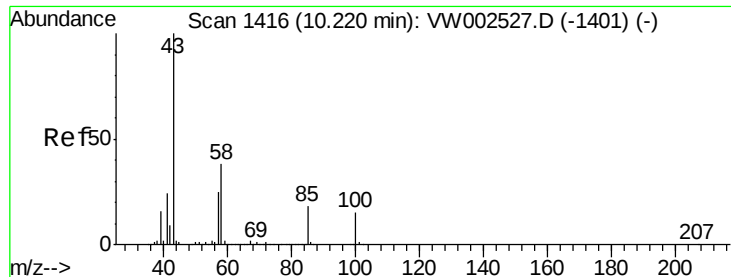
100 63.8 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 103.00 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VW002568.D

Acq: 16 May 2018 00:32

Instrument :

MSVOA_W

ClientSampleId :

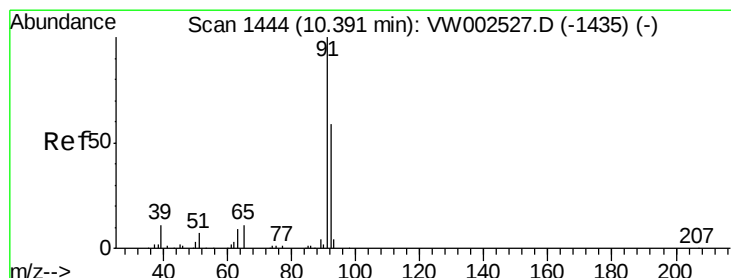
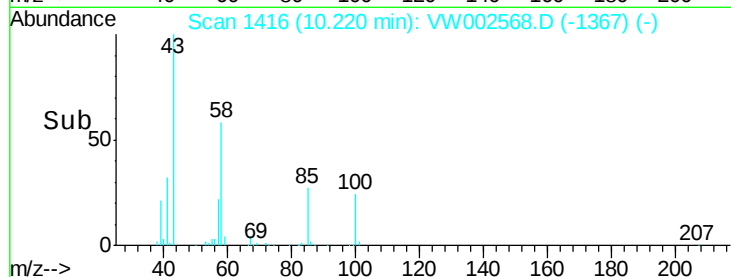
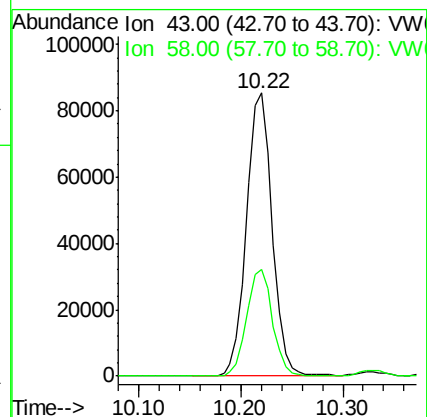
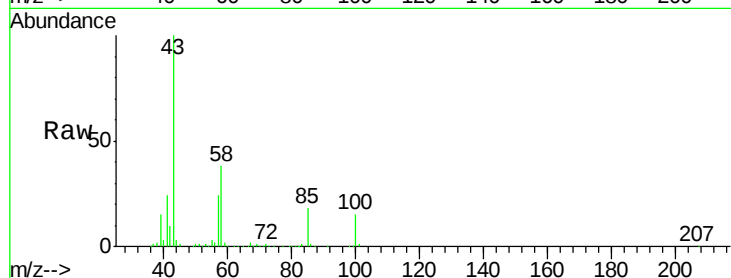
VW0515SBS03

Tgt Ion: 43 Resp: 149129

Ion Ratio Lower Upper

43 100

58 37.8 30.1 45.1



#52

Toluene

Concen: 20.92 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW002568.D

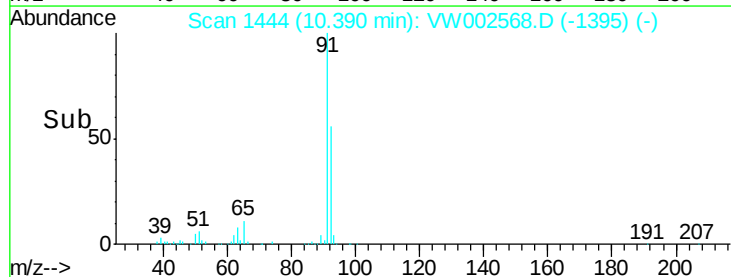
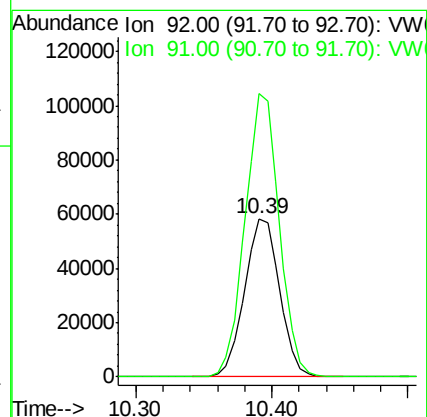
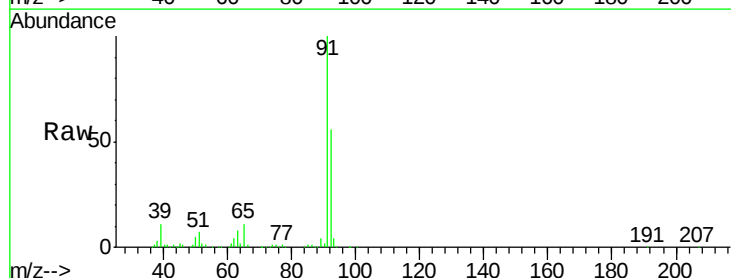
Acq: 16 May 2018 00:32

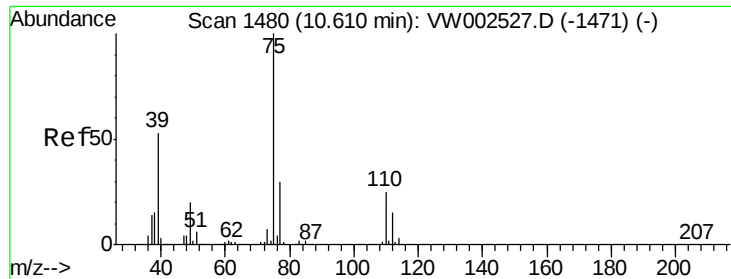
Tgt Ion: 92 Resp: 104975

Ion Ratio Lower Upper

92 100

91 175.3 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 19.52 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW002568.D

Acq: 16 May 2018 00:32

Instrument :

MSVOA_W

ClientSampleId :

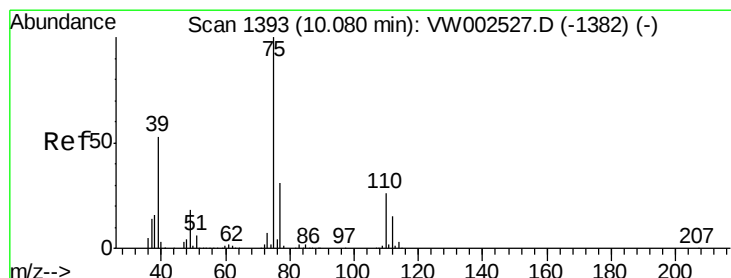
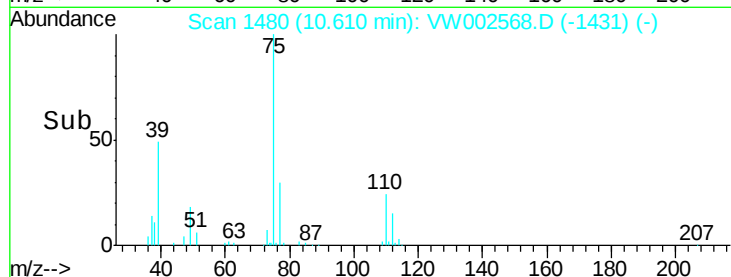
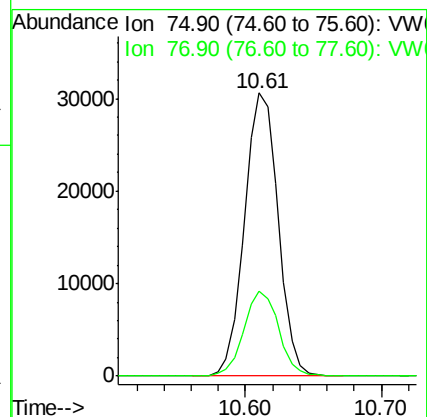
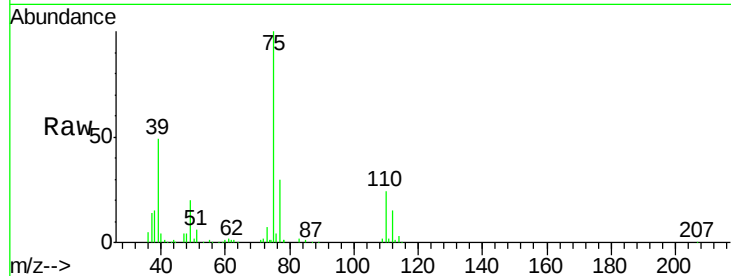
VW0515SBS03

Tgt Ion: 75 Resp: 52986

Ion Ratio Lower Upper

75 100

77 29.9 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 19.62 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW002568.D

Acq: 16 May 2018 00:32

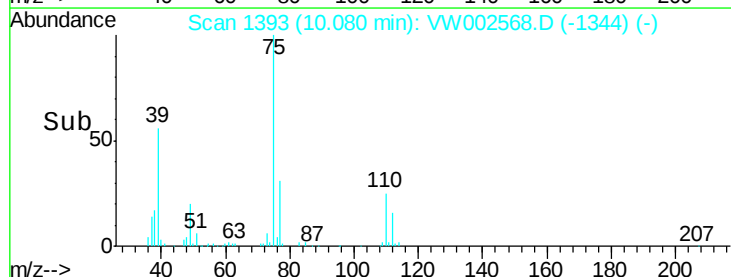
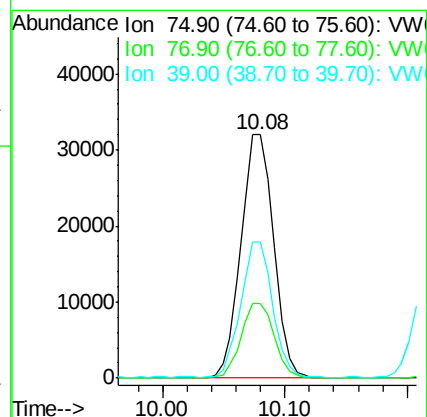
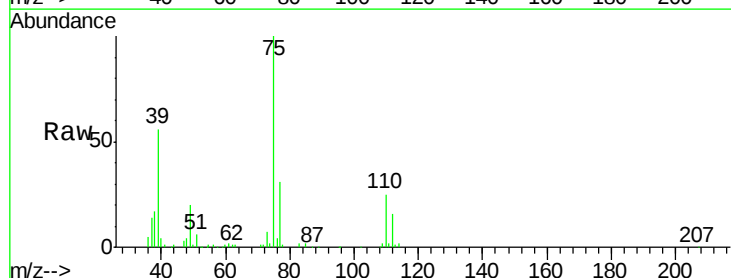
Tgt Ion: 75 Resp: 59376

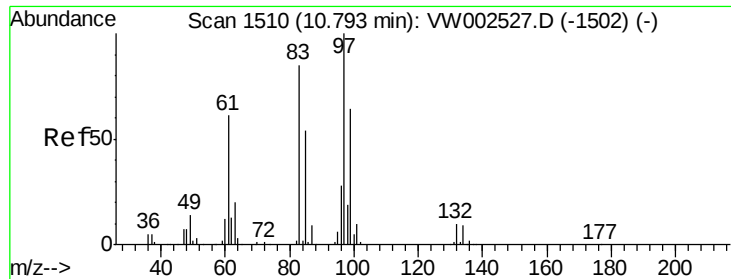
Ion Ratio Lower Upper

75 100

77 30.9 25.0 37.4

39 55.7 42.5 63.7

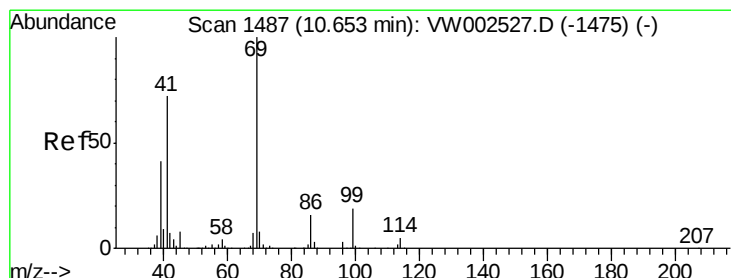
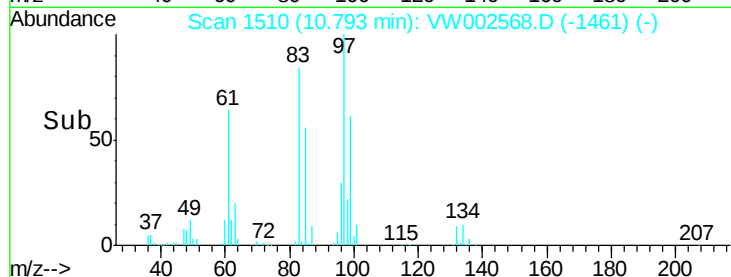
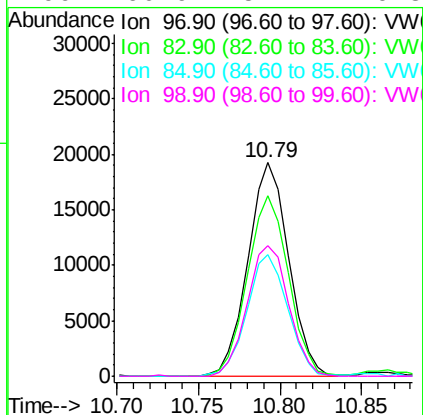
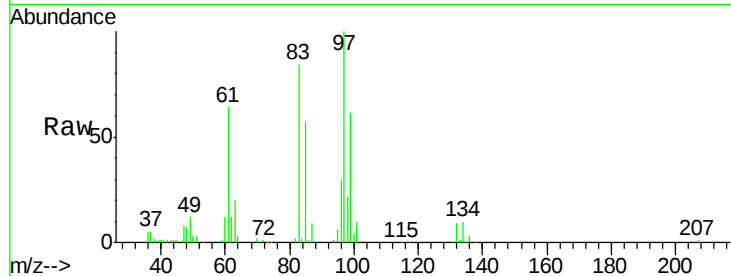




#55
 1,1,2-Trichloroethane
 Concen: 20.68 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW002568.D
 Acq: 16 May 2018 00:32

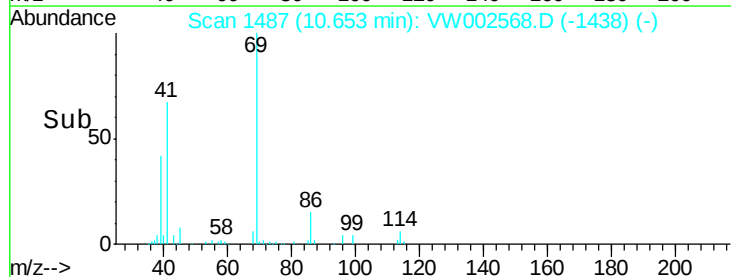
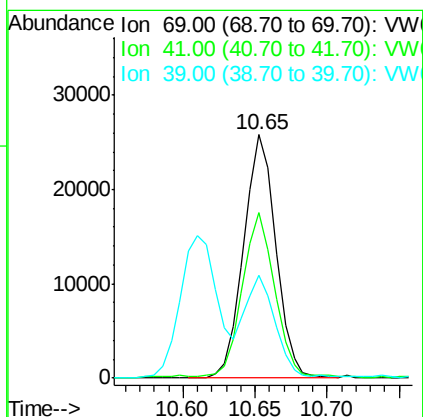
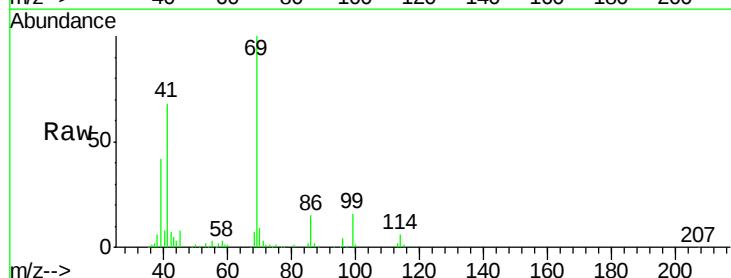
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBS03

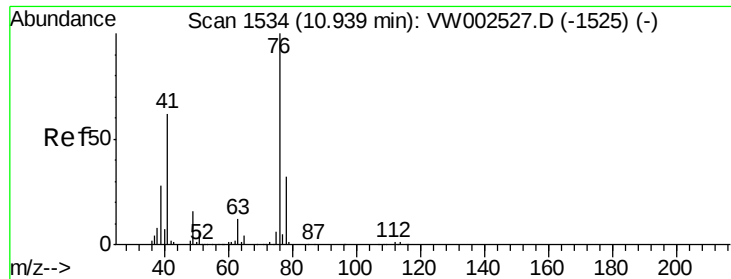
Tgt Ion:	97	Resp:	33536
Ion	Ratio	Lower	Upper
97	100		
83	84.5	68.1	102.1
85	56.7	43.6	65.4
99	60.9	51.2	76.8



#56
 Ethyl methacrylate
 Concen: 20.26 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW002568.D
 Acq: 16 May 2018 00:32

Tgt Ion:	69	Resp:	40039
Ion	Ratio	Lower	Upper
69	100		
41	67.8	55.3	82.9
39	39.8	33.0	49.6

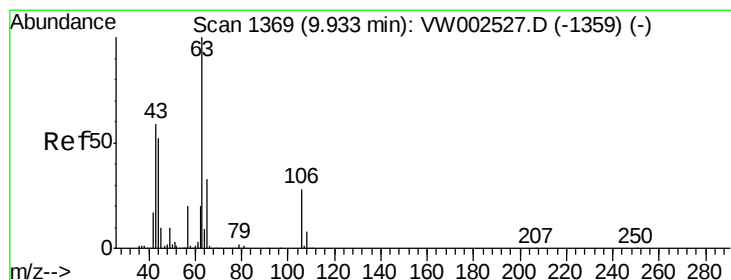
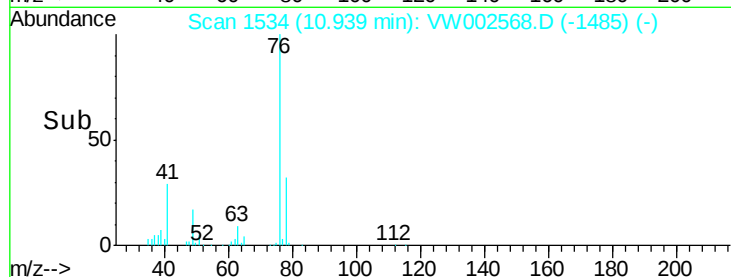
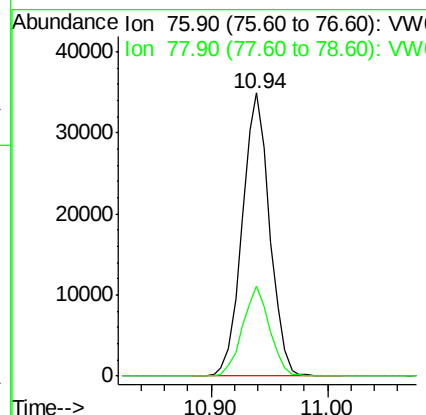
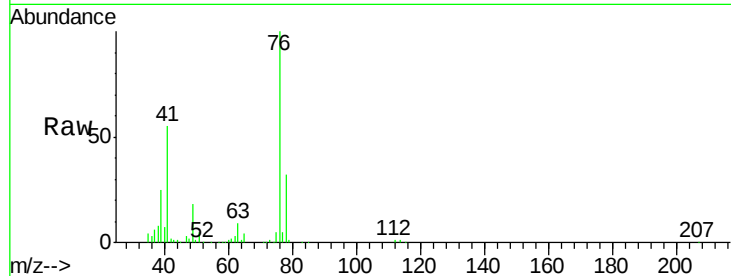




#57
 1,3-Dichloropropane
 Concen: 21.35 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VW002568.D
 Acq: 16 May 2018 00:32

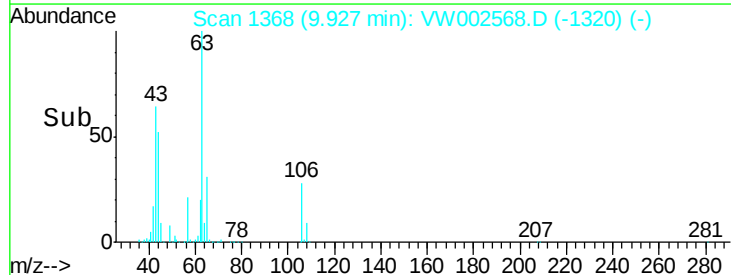
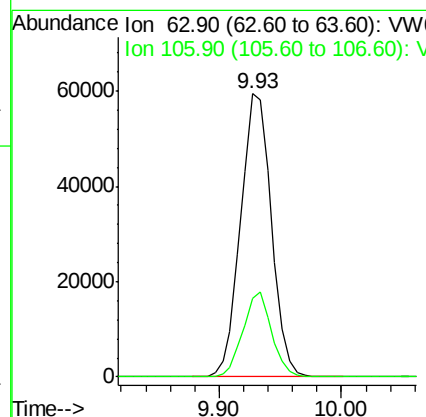
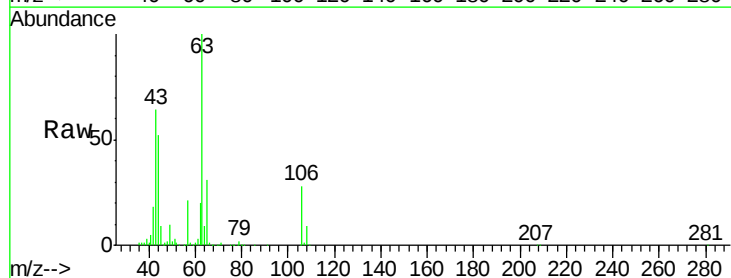
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBS03

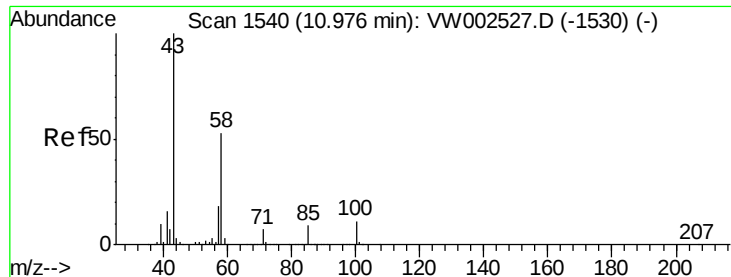
Tgt Ion: 76 Resp: 57420
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.66 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW002568.D
 Acq: 16 May 2018 00:32

Tgt Ion: 63 Resp: 103469
 Ion Ratio Lower Upper
 63 100
 106 27.7 22.9 34.3

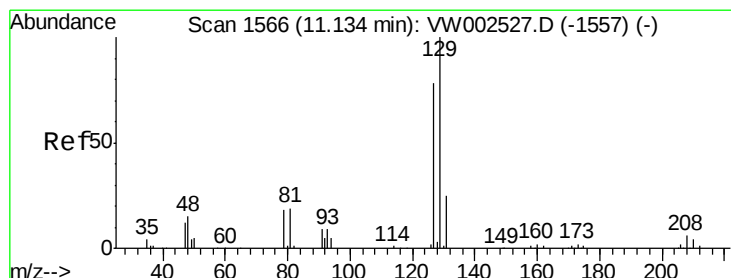
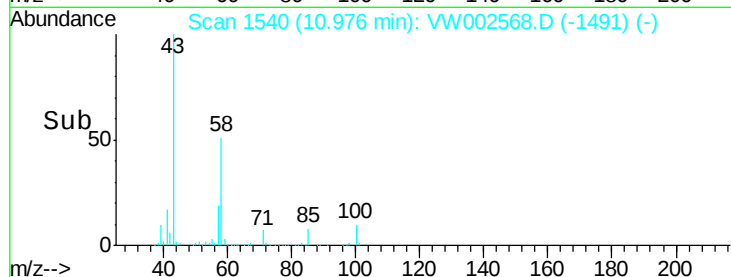
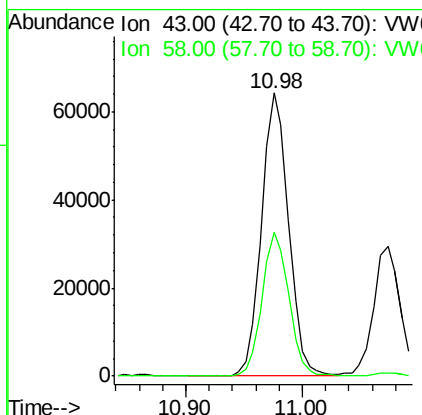
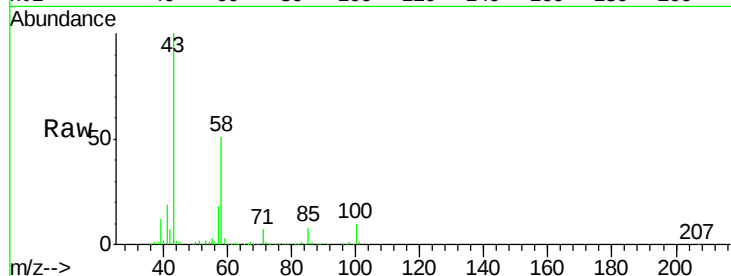




#59
2-Hexanone
Concen: 103.24 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW002568.D
Acq: 16 May 2018 00:32

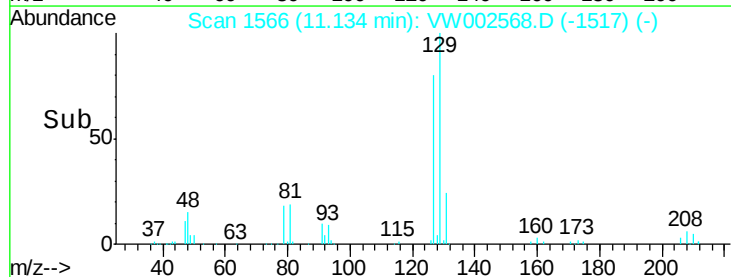
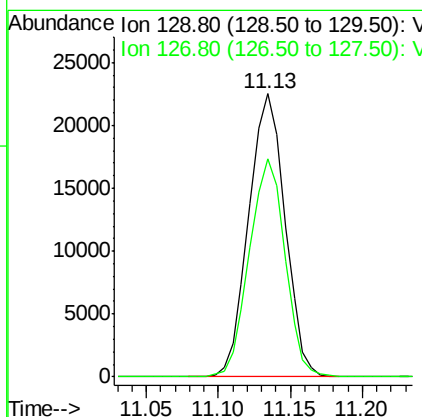
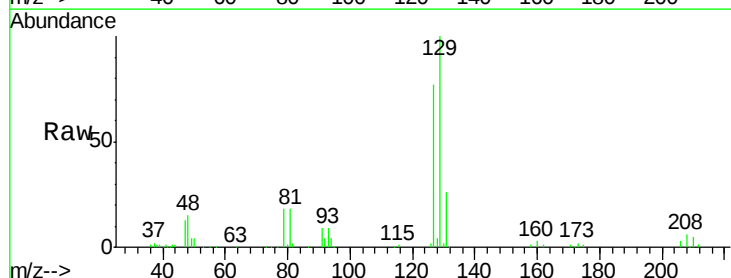
Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS03

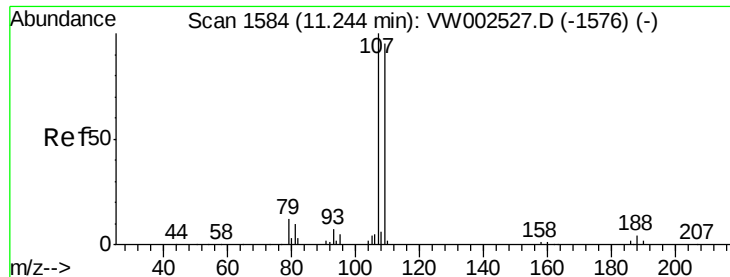
Tgt Ion: 43 Resp: 103197
Ion Ratio Lower Upper
43 100
58 50.5 26.3 78.8



#60
Dibromochloromethane
Concen: 20.50 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW002568.D
Acq: 16 May 2018 00:32

Tgt Ion: 129 Resp: 39222
Ion Ratio Lower Upper
129 100
127 75.8 38.6 115.7

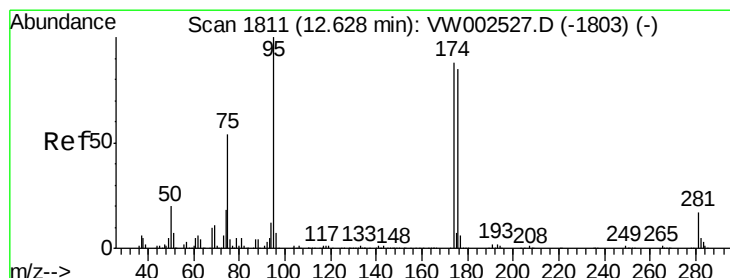
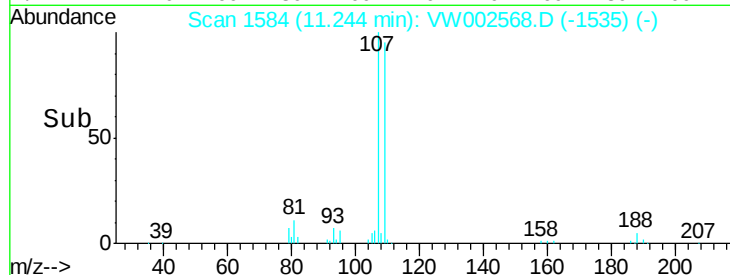
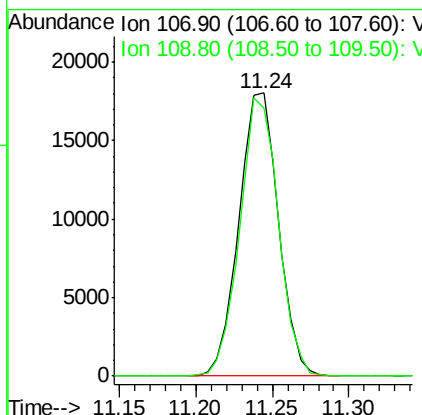
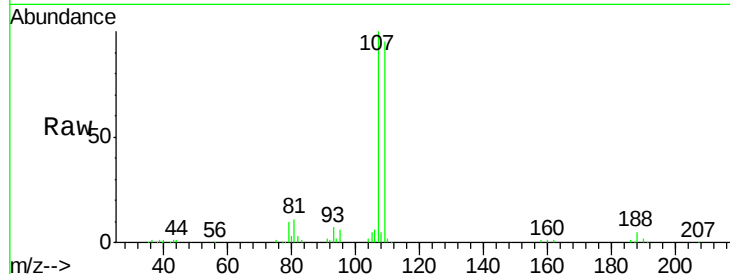




#61
 1,2-Dibromoethane
 Concen: 20.71 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: VW002568.D
 Acq: 16 May 2018 00:32

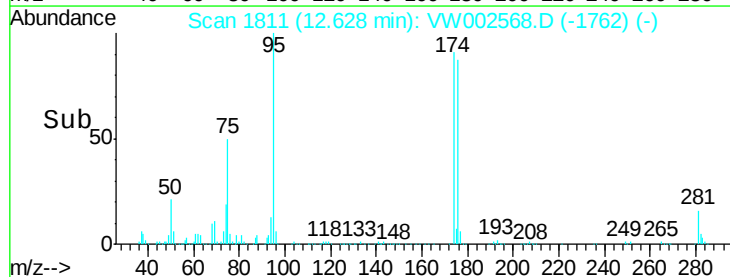
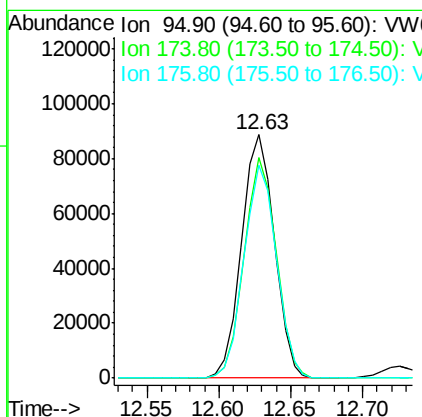
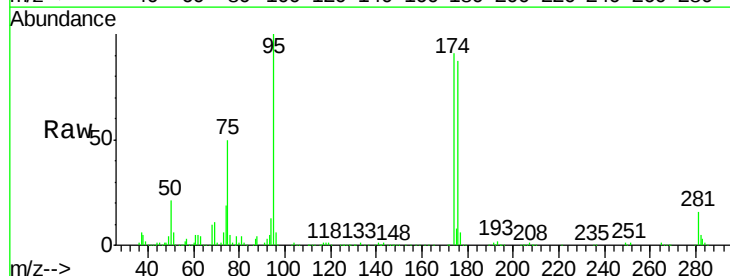
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBS03

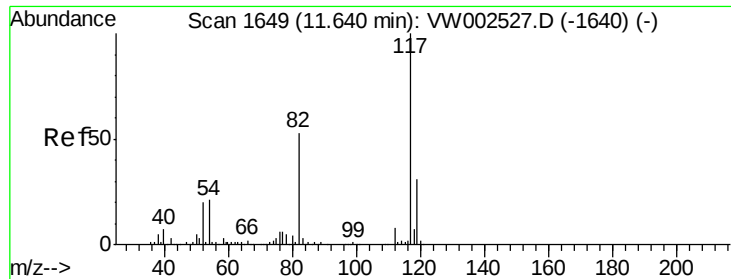
Tgt Ion: 107 Resp: 32410
 Ion Ratio Lower Upper
 107 100
 109 96.0 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 50.72 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW002568.D
 Acq: 16 May 2018 00:32

Tgt Ion: 95 Resp: 140219
 Ion Ratio Lower Upper
 95 100
 174 88.7 0.0 176.6
 176 86.4 0.0 172.2

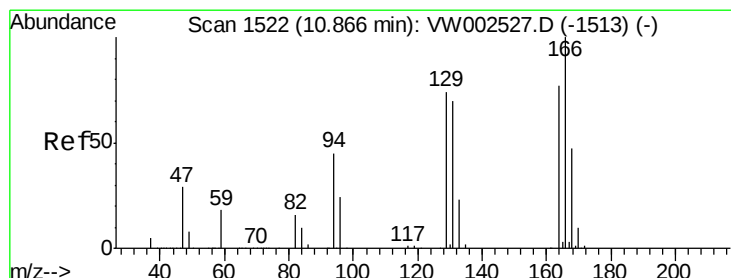
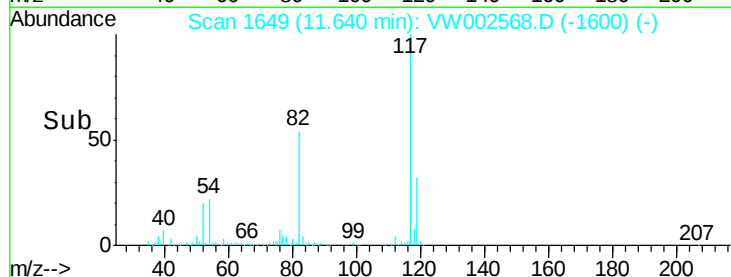
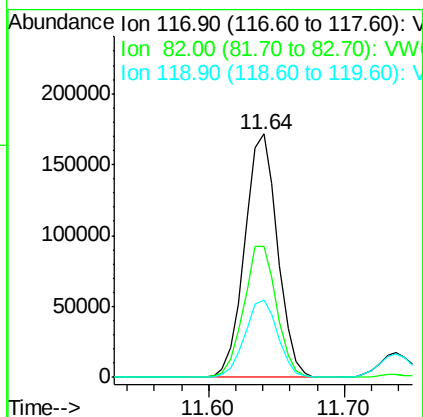
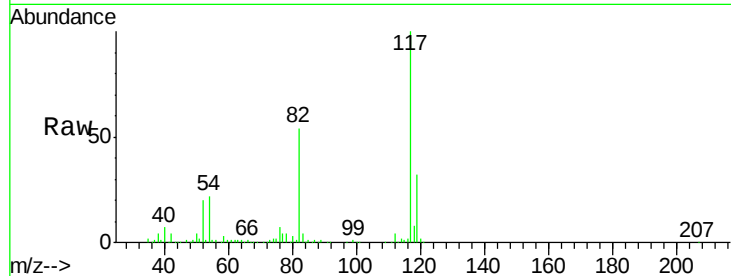




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002568.D
Acq: 16 May 2018 00:32

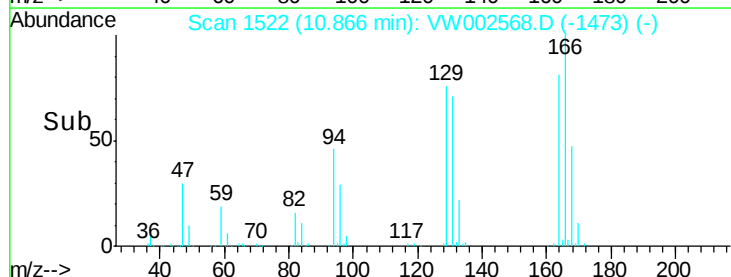
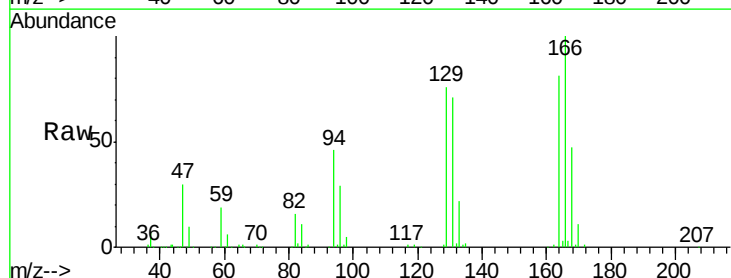
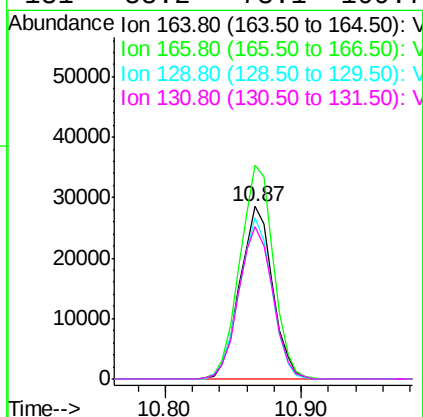
Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS03

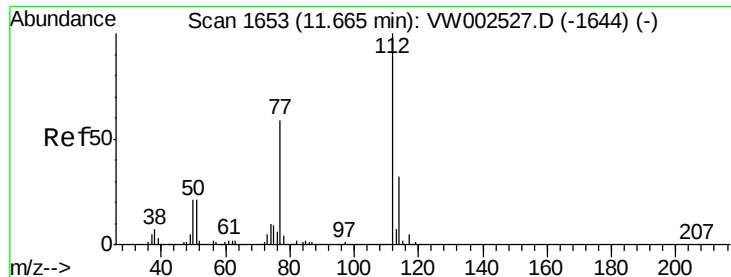
Tgt Ion:117 Resp: 289498
Ion Ratio Lower Upper
117 100
82 53.6 42.6 64.0
119 31.8 25.0 37.6



#64
Tetrachloroethene
Concen: 23.46 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW002568.D
Acq: 16 May 2018 00:32

Tgt Ion:164 Resp: 47870
Ion Ratio Lower Upper
164 100
166 123.6 104.2 156.2
129 93.4 77.0 115.4
131 88.2 73.1 109.7

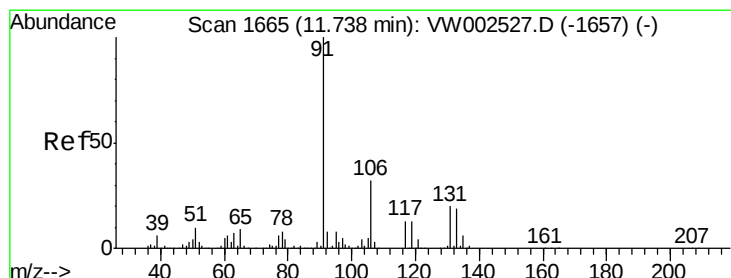
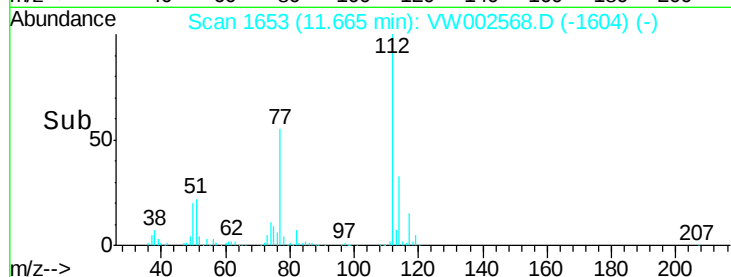
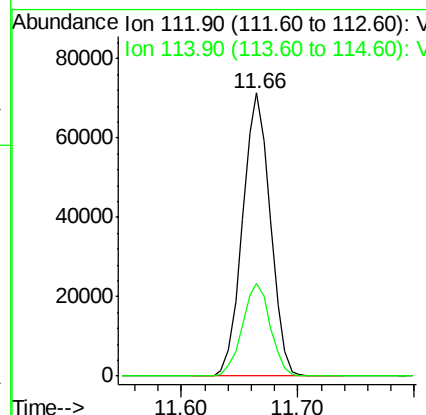
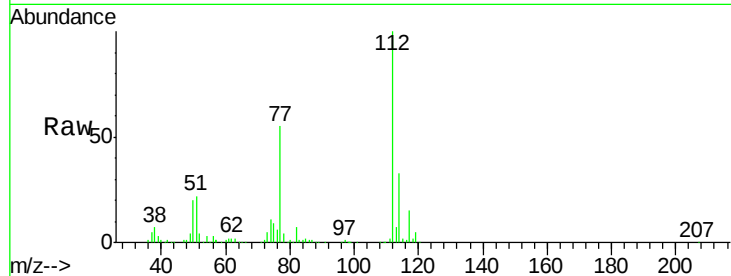




#65
Chlorobenzene
Concen: 20.58 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW002568.D
Acq: 16 May 2018 00:32

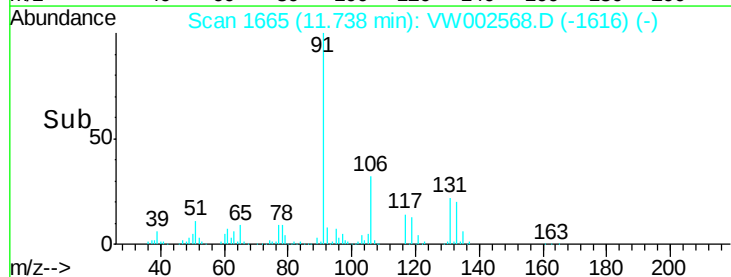
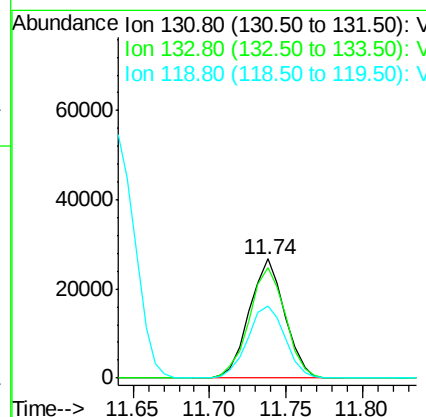
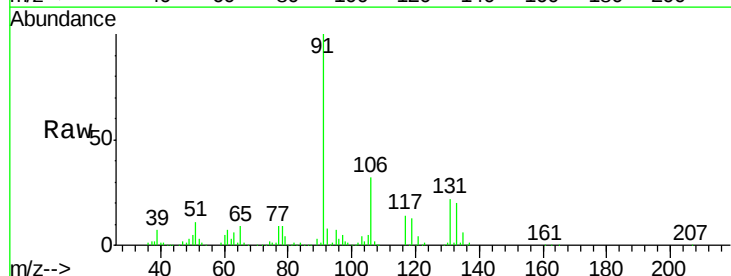
Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS03

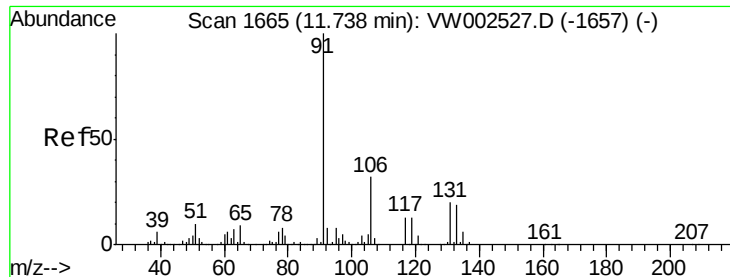
Tgt Ion:112 Resp: 118681
Ion Ratio Lower Upper
112 100
114 32.7 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.77 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW002568.D
Acq: 16 May 2018 00:32

Tgt Ion:131 Resp: 42879
Ion Ratio Lower Upper
131 100
133 95.0 48.4 145.3
119 63.9 32.2 96.6

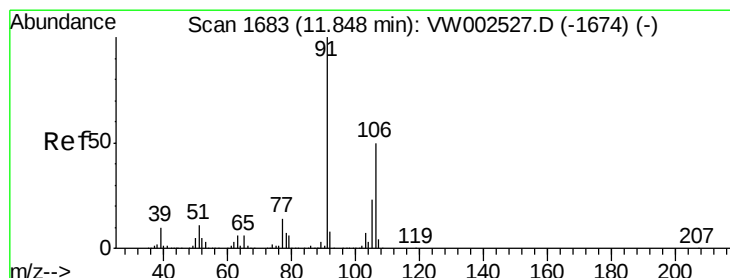
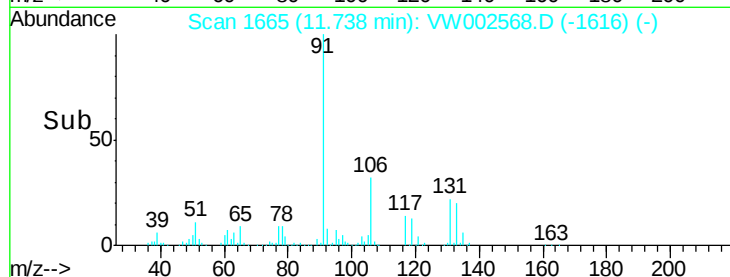
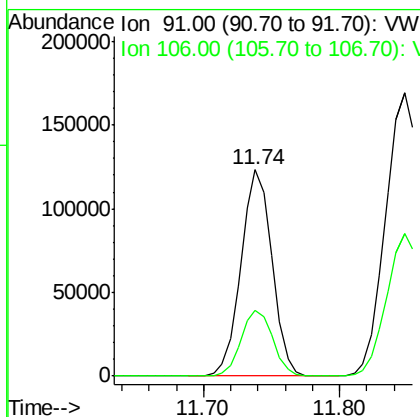
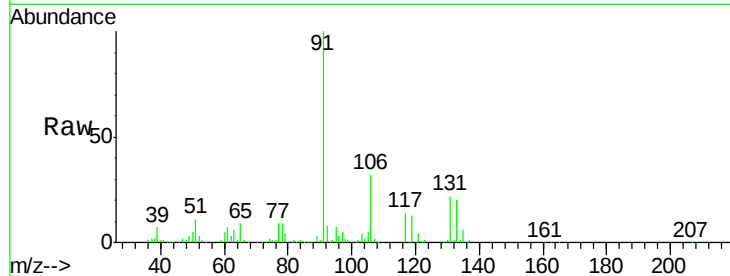




#67
Ethyl Benzene
Concen: 20.05 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW002568.D
Acq: 16 May 2018 00:32

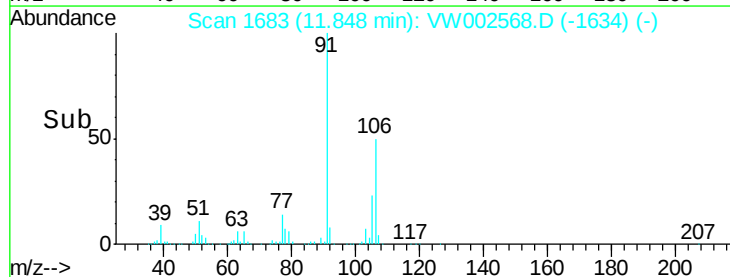
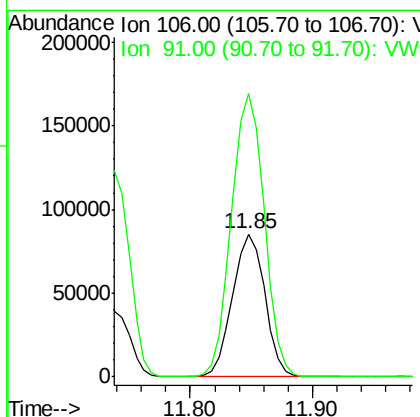
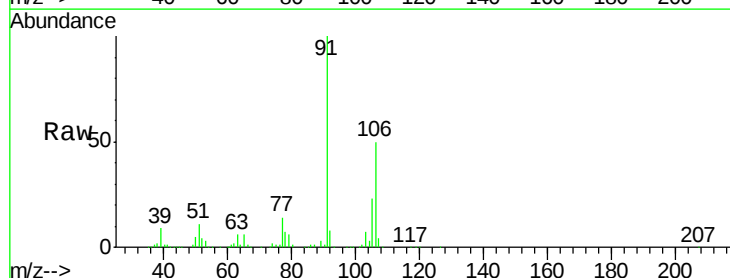
Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS03

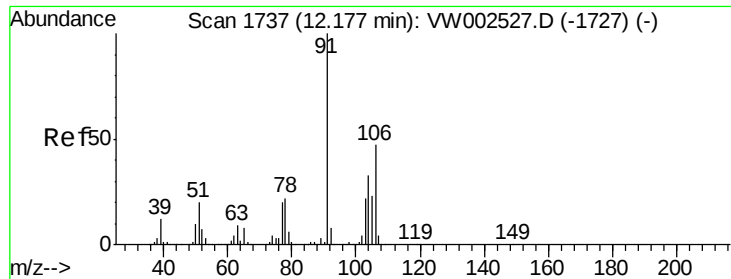
Tgt Ion: 91 Resp: 196518
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.0



#68
m/p-Xylenes
Concen: 41.16 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW002568.D
Acq: 16 May 2018 00:32

Tgt Ion: 106 Resp: 156810
Ion Ratio Lower Upper
106 100
91 200.4 161.4 242.2

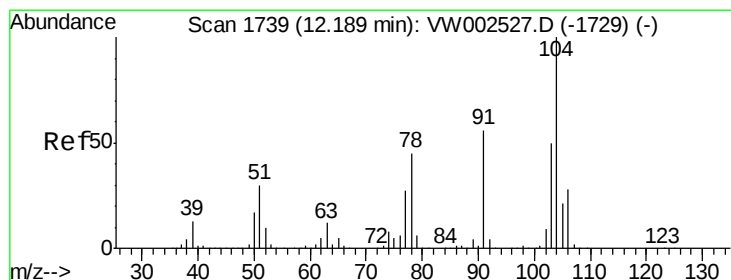
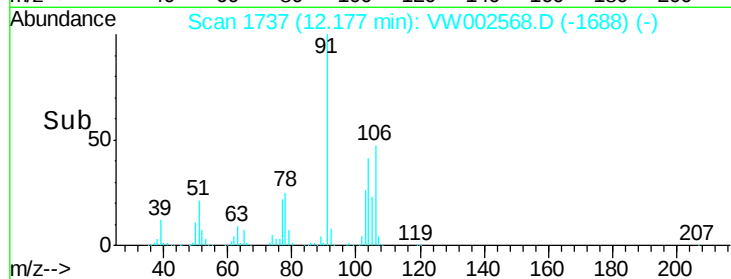
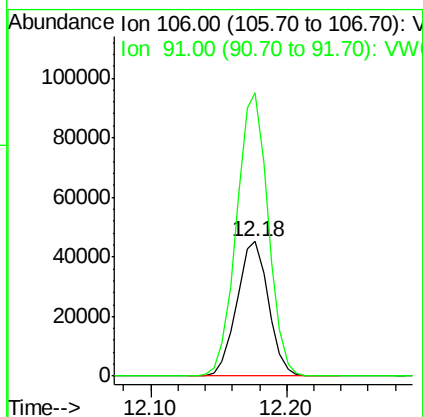
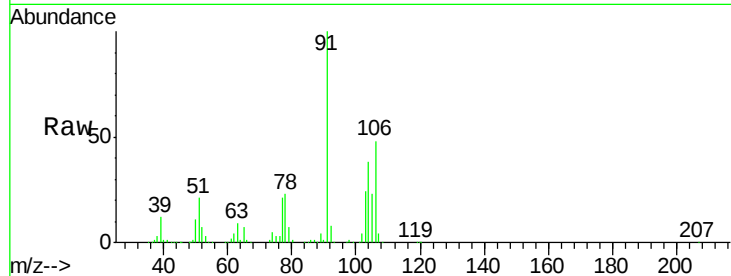




#69
o-Xylene
Concen: 20.24 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VW002568.D
Acq: 16 May 2018 00:32

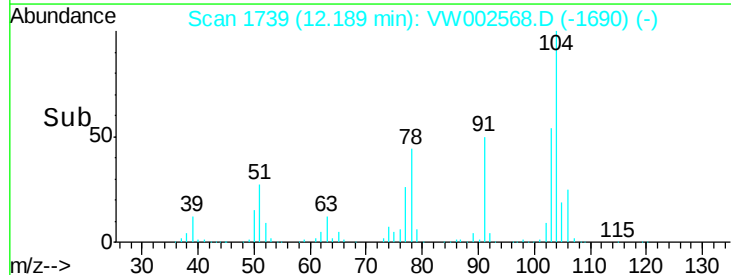
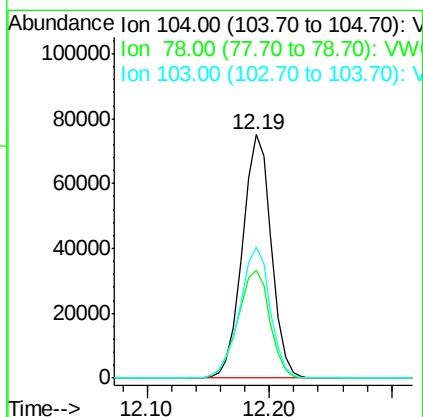
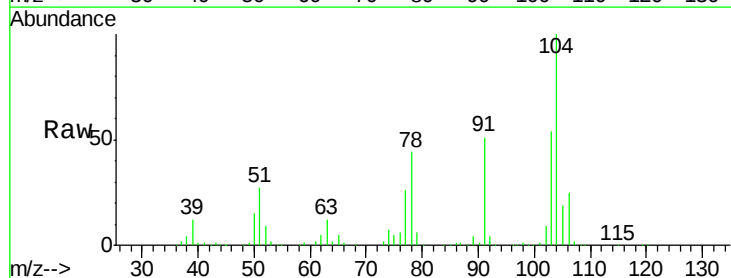
Instrument :
MSVOA_W
ClientSampled :
VW0515SBS03

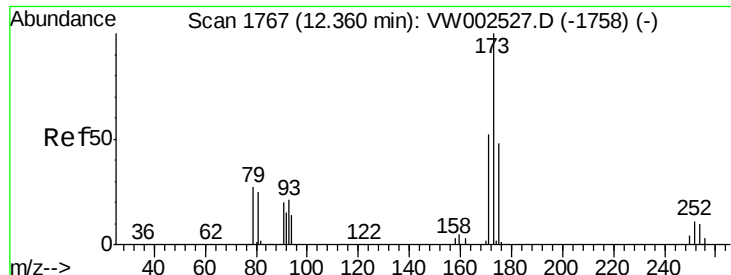
Tgt Ion:106 Resp: 73289
Ion Ratio Lower Upper
106 100
91 209.5 106.7 320.2



#70
Styrene
Concen: 20.41 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW002568.D
Acq: 16 May 2018 00:32

Tgt Ion:104 Resp: 122954
Ion Ratio Lower Upper
104 100
78 49.3 40.1 60.1
103 56.9 44.6 66.8

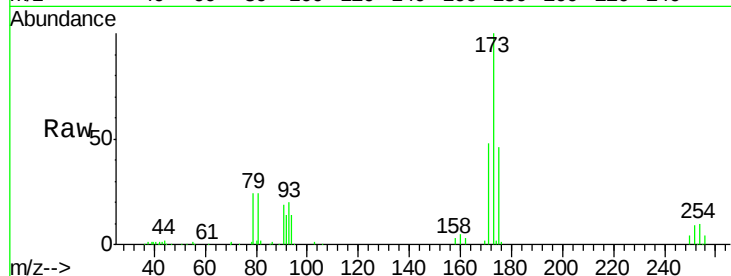




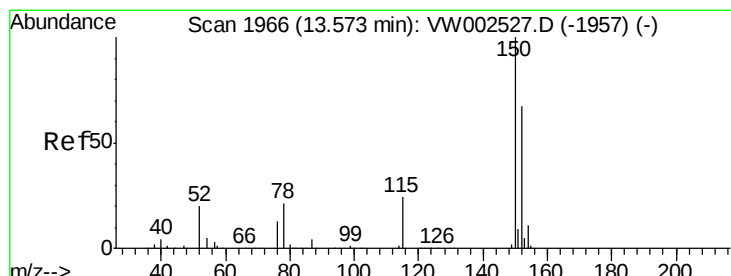
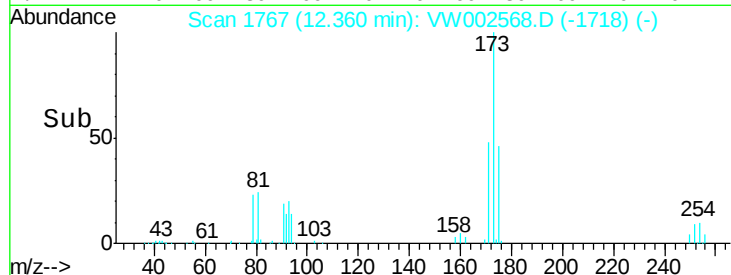
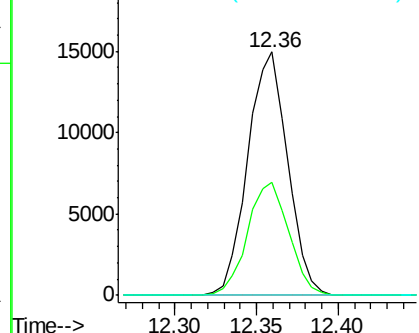
#71
Bromoform
Concen: 21.02 ug/l
RT: 12.36 min Scan# 1767
Delta R.T. -0.00 min
Lab File: VW002568.D
Acq: 16 May 2018 00:32

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS03

Tgt Ion:173 Resp: 25486
Ion Ratio Lower Upper
173 100
175 48.0 24.5 73.5
254 0.1 0.1 0.1#

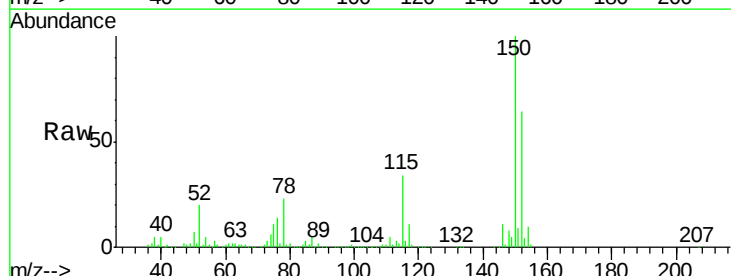


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

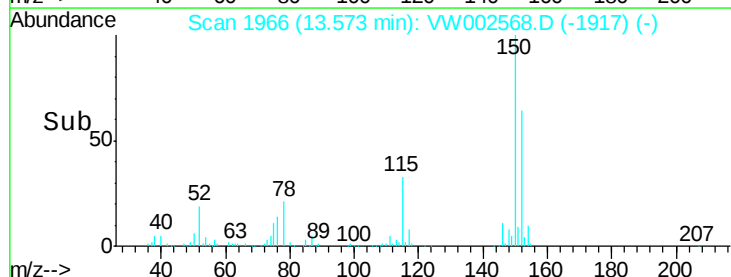
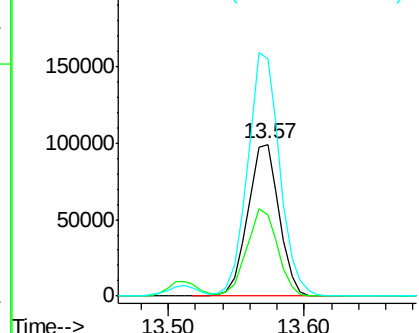


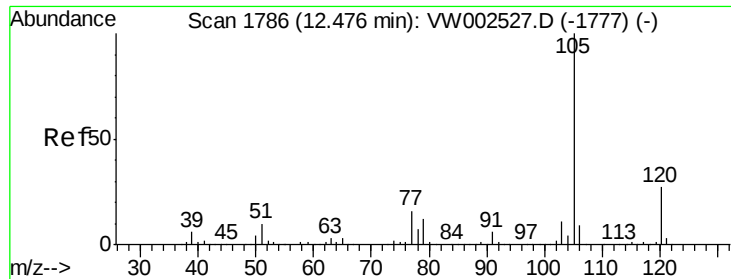
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. -0.00 min
Lab File: VW002568.D
Acq: 16 May 2018 00:32

Tgt Ion:152 Resp: 159771
Ion Ratio Lower Upper
152 100
115 56.5 28.0 84.0
150 164.6 0.0 345.4



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





#73

Isopropylbenzene

Concen: 20.25 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VW002568.D

Acq: 16 May 2018 00:32

Instrument :

MSVOA_W

ClientSampleId :

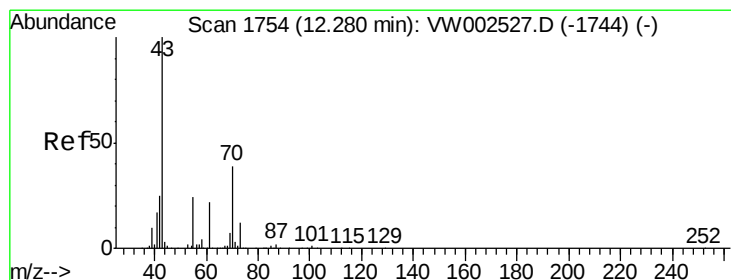
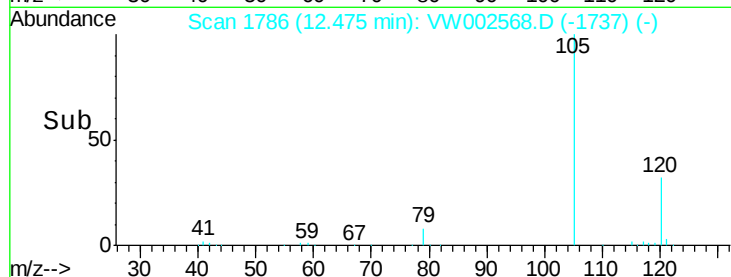
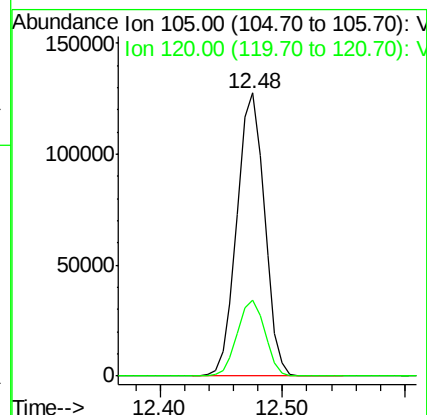
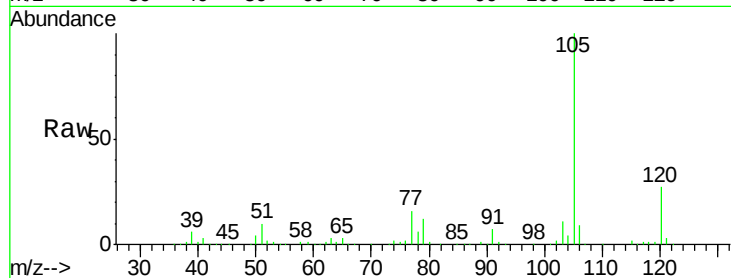
VW0515SBS03

Tgt Ion:105 Resp: 199431

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



#74

N-ethyl acetate

Concen: 20.39 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW002568.D

Acq: 16 May 2018 00:32

Tgt Ion: 43 Resp: 51162

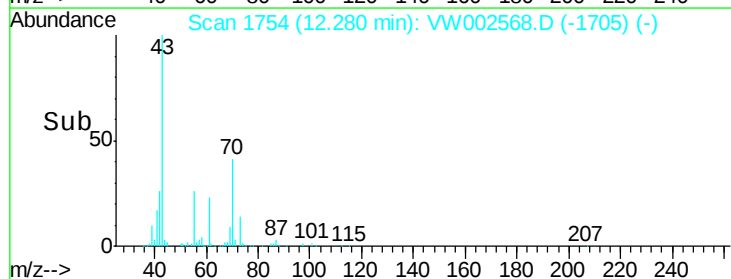
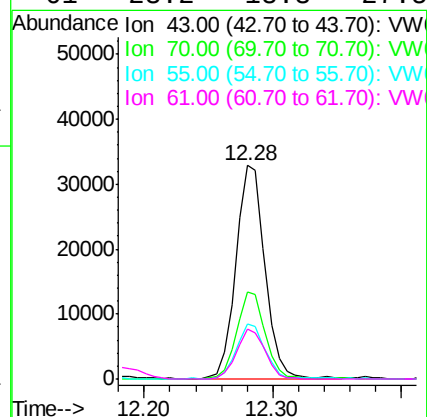
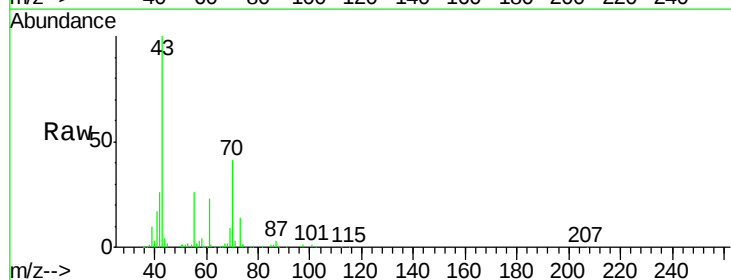
Ion Ratio Lower Upper

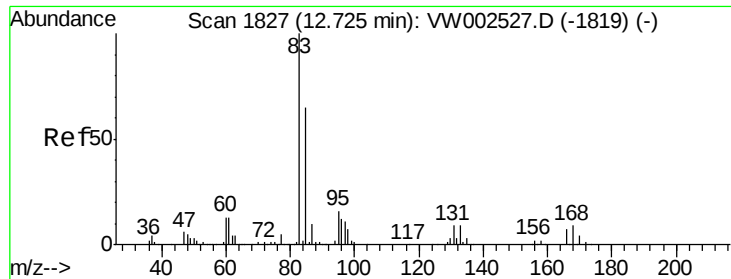
43 100

70 40.4 31.9 47.9

55 25.9 19.4 29.0

61 23.2 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.84 ug/l

RT: 12.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VW002568.D

Acq: 16 May 2018 00:32

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS03

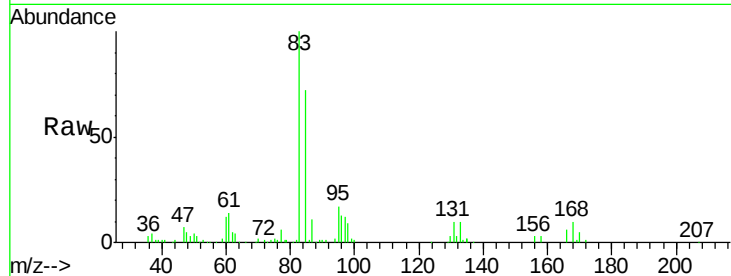
Tgt Ion: 83 Resp: 41577

Ion Ratio Lower Upper

83 100

131 11.2 5.4 16.2

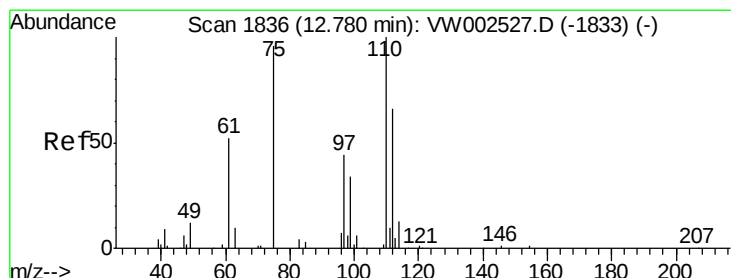
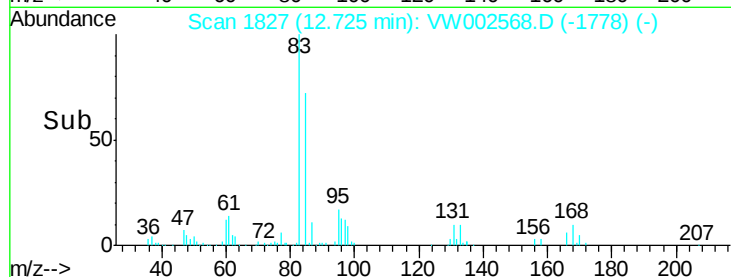
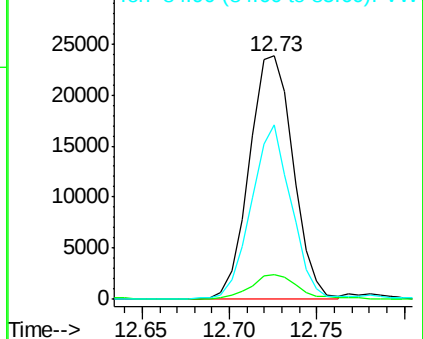
85 65.2 31.6 94.8



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: 34.11 ug/l

RT: 12.78 min Scan# 1836

Delta R.T. -0.00 min

Lab File: VW002568.D

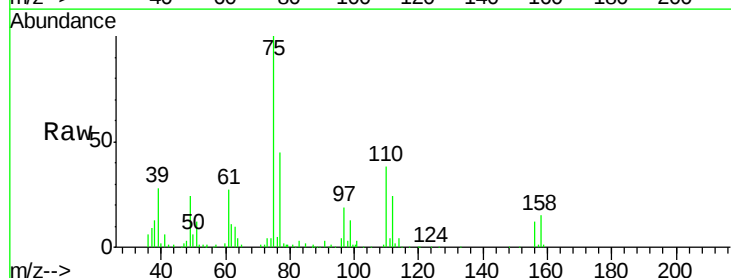
Acq: 16 May 2018 00:32

Tgt Ion: 75 Resp: 51513

Ion Ratio Lower Upper

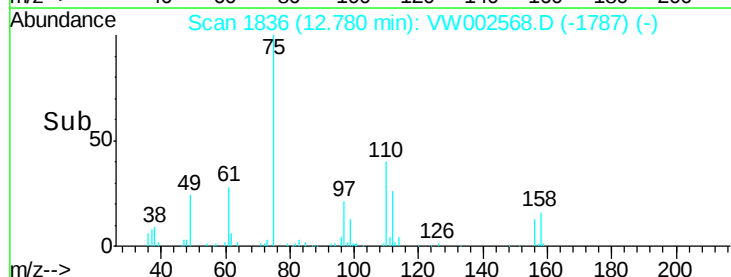
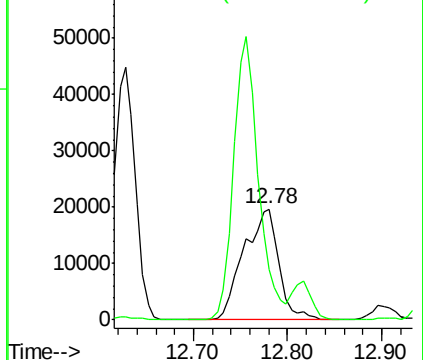
75 100

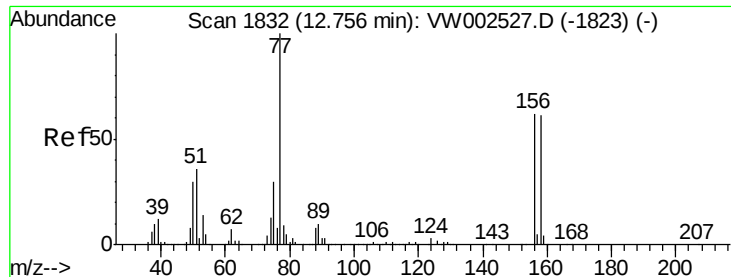
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.96 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VW002568.D

Acq: 16 May 2018 00:32

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS03

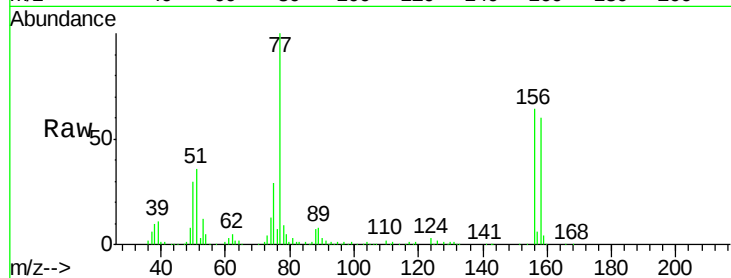
Tgt Ion:156 Resp: 52677

Ion Ratio Lower Upper

156 100

77 175.4 89.8 269.4

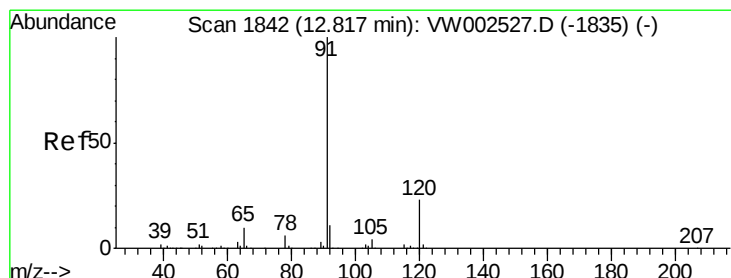
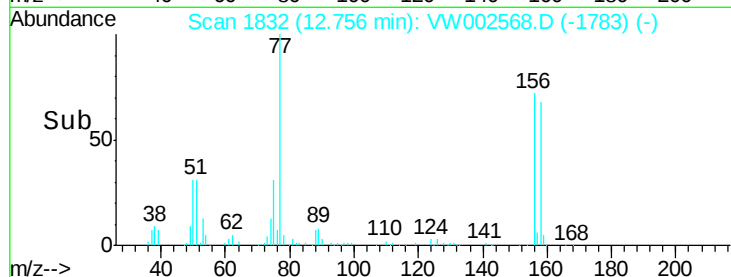
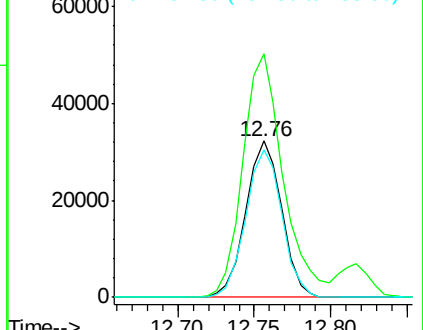
158 95.1 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.31 ug/l

RT: 12.82 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VW002568.D

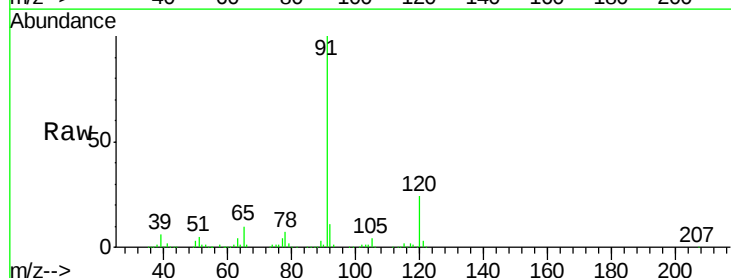
Acq: 16 May 2018 00:32

Tgt Ion: 91 Resp: 241568

Ion Ratio Lower Upper

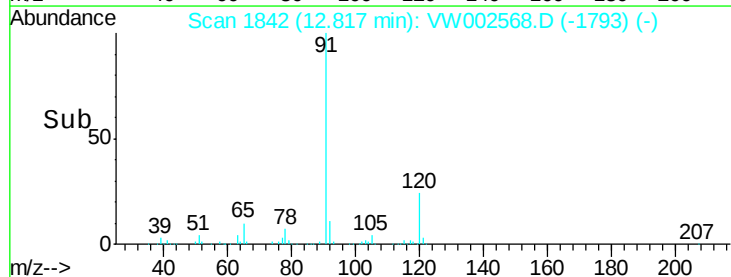
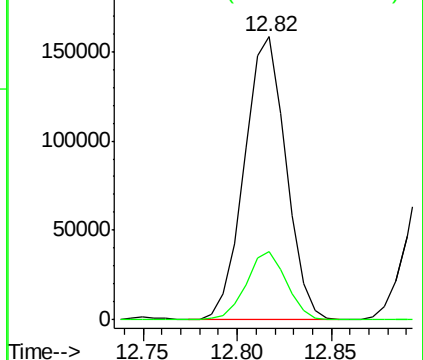
91 100

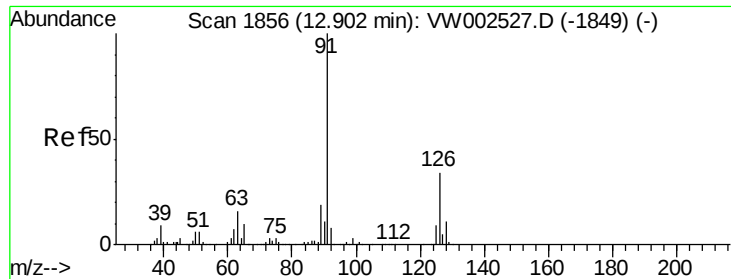
120 23.4 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.69 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. -0.00 min

Lab File: VW002568.D

Acq: 16 May 2018 00:32

Instrument :

MSVOA_W

ClientSampleId :

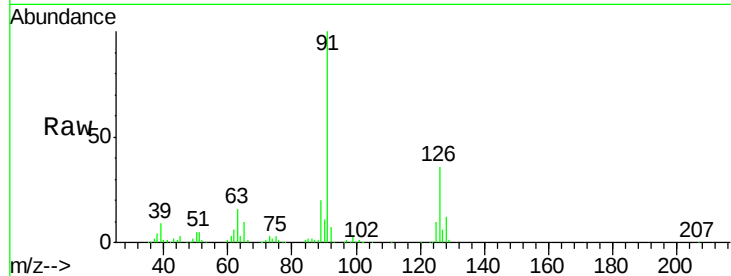
VW0515SBS03

Tgt Ion: 91 Resp: 139732

Ion Ratio Lower Upper

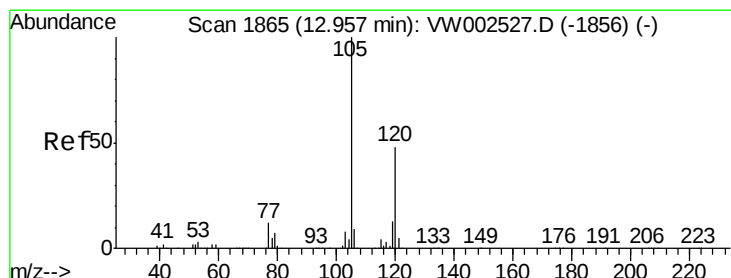
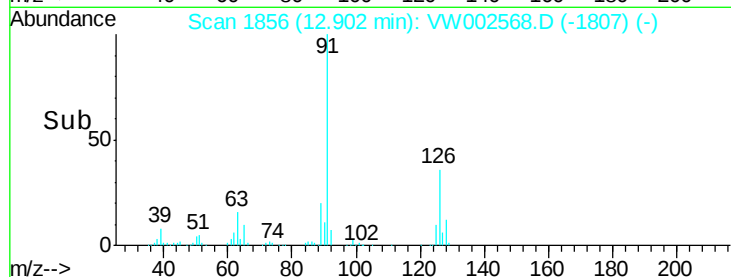
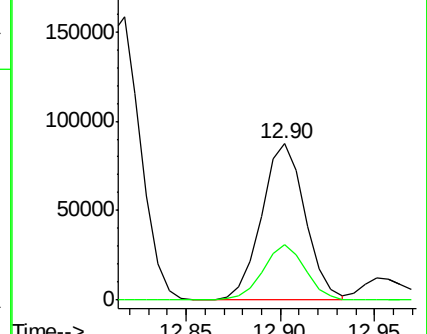
91 100

126 34.6 17.6 52.8



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: 20.60 ug/l

RT: 12.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VW002568.D

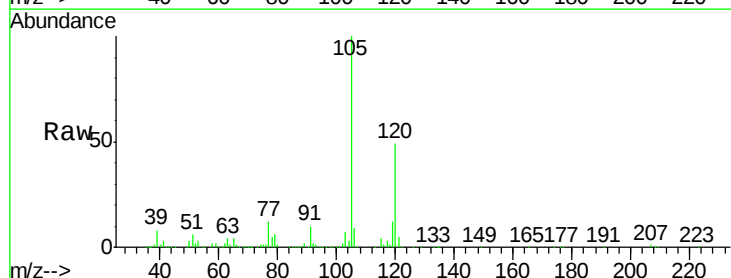
Acq: 16 May 2018 00:32

Tgt Ion: 105 Resp: 173169

Ion Ratio Lower Upper

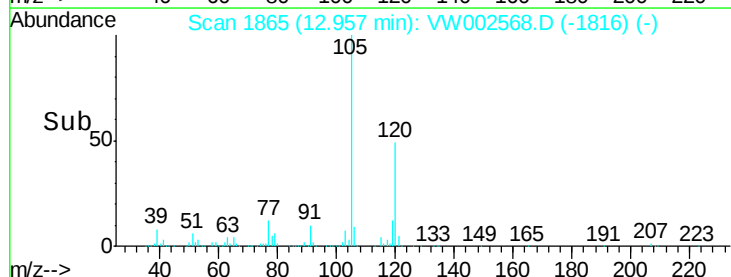
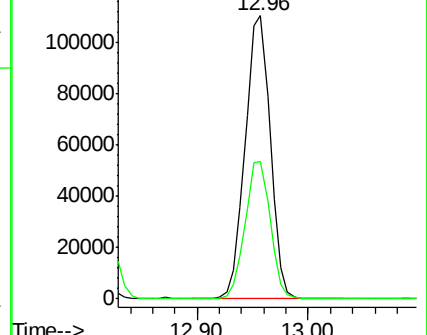
105 100

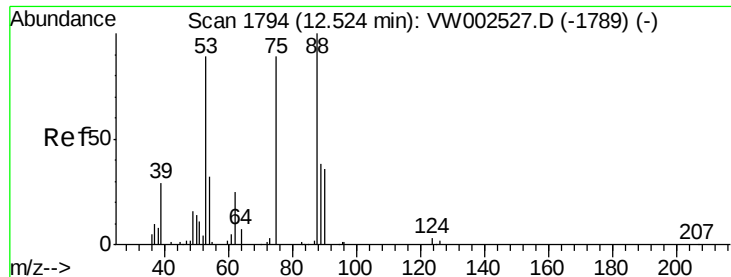
120 48.8 24.6 73.8



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: 17.96 ug/l

RT: 12.52 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VW002568.D

Acq: 16 May 2018 00:32

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS03

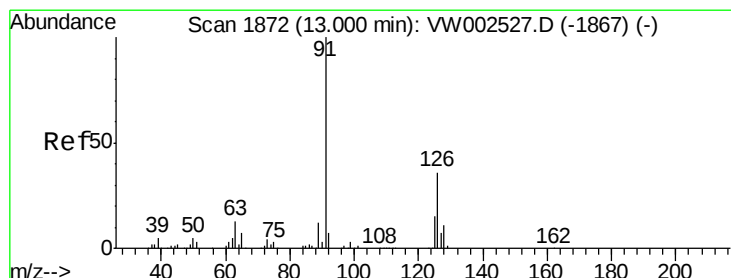
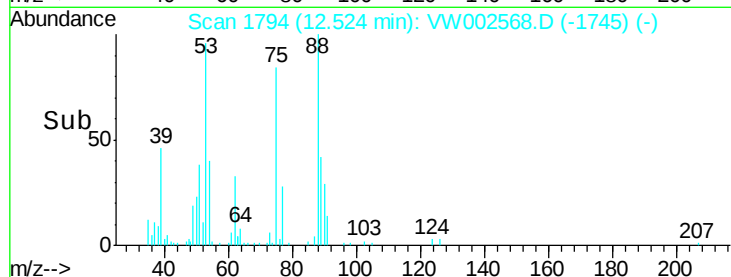
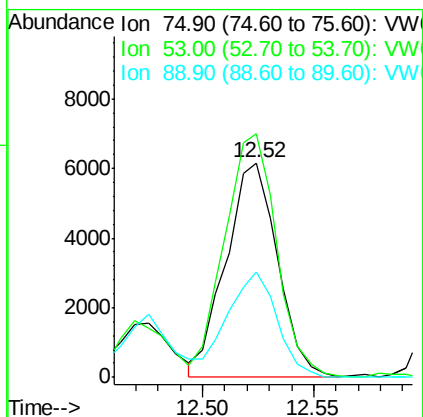
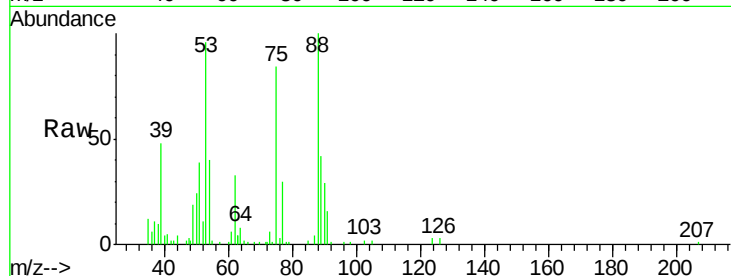
Tgt Ion: 75 Resp: 9950

Ion Ratio Lower Upper

75 100

53 114.4 82.6 124.0

89 48.2 39.2 58.8



#82

4-Chlorotoluene

Concen: 20.09 ug/l

RT: 13.00 min Scan# 1872

Delta R.T. -0.00 min

Lab File: VW002568.D

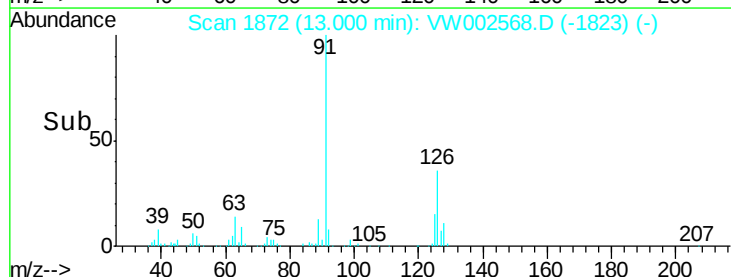
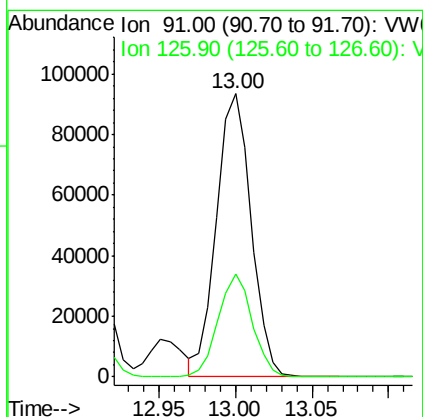
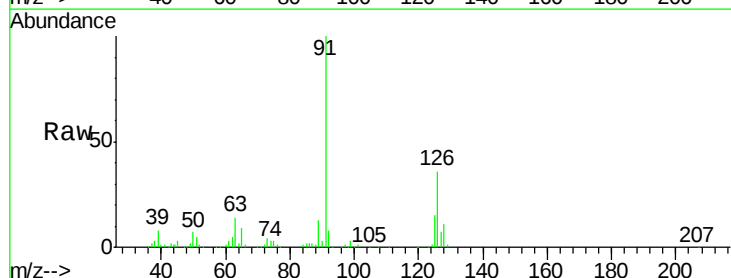
Acq: 16 May 2018 00:32

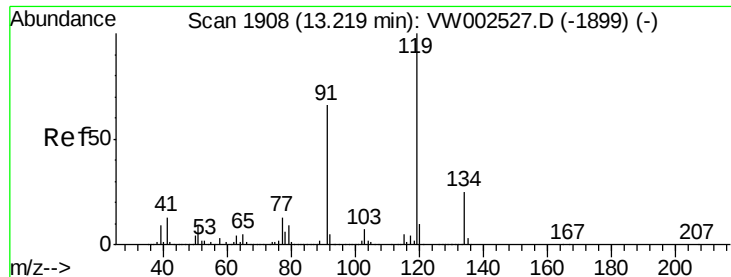
Tgt Ion: 91 Resp: 146721

Ion Ratio Lower Upper

91 100

126 35.7 17.5 52.5

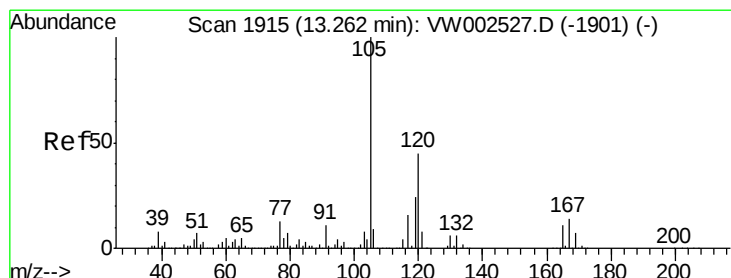
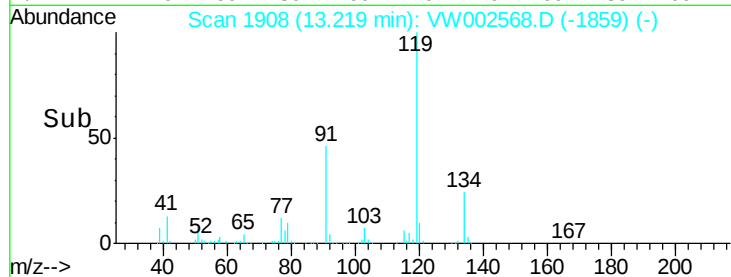
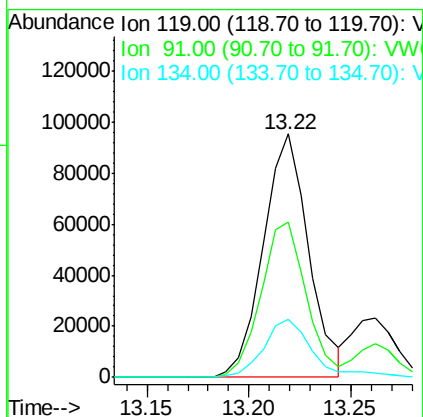
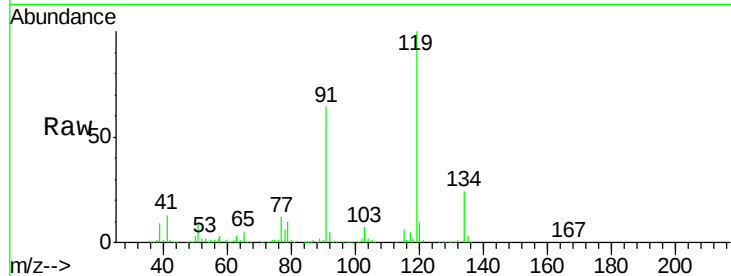




#83
 tert-Butylbenzene
 Concen: 20.29 ug/l
 RT: 13.22 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VW002568.D
 Acq: 16 May 2018 00:32

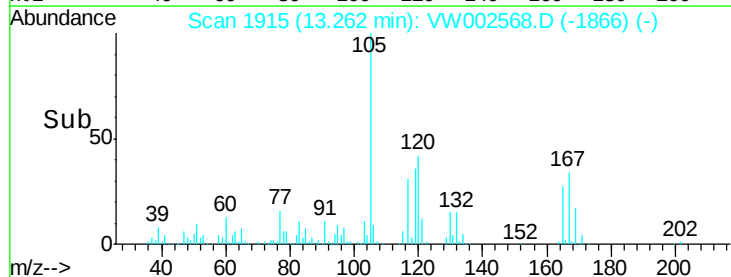
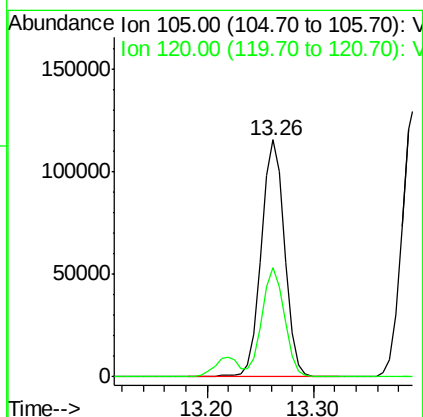
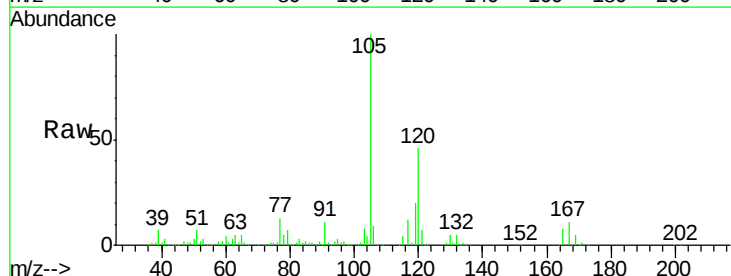
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBS03

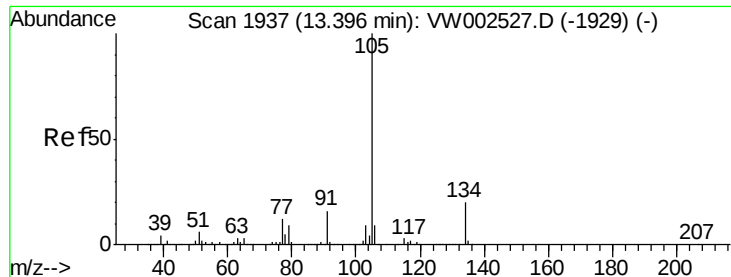
Tgt Ion:119 Resp: 147286
 Ion Ratio Lower Upper
 119 100
 91 64.0 32.5 97.5
 134 25.9 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 20.47 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW002568.D
 Acq: 16 May 2018 00:32

Tgt Ion:105 Resp: 178583
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.3 66.9

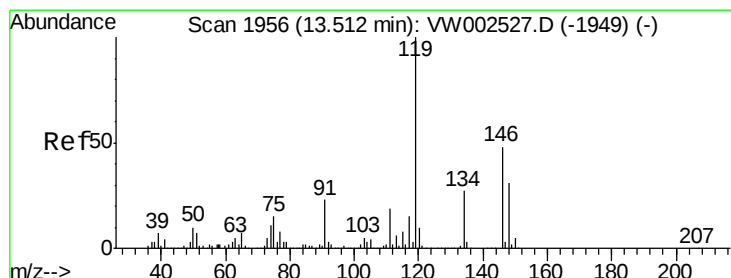
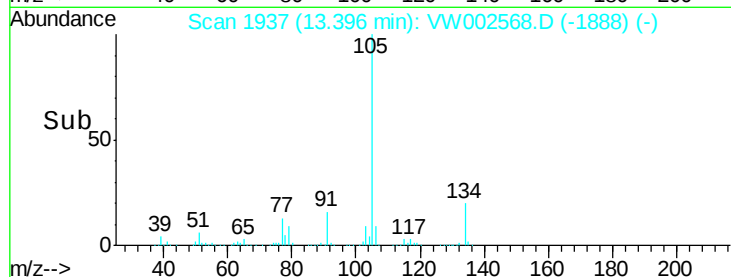
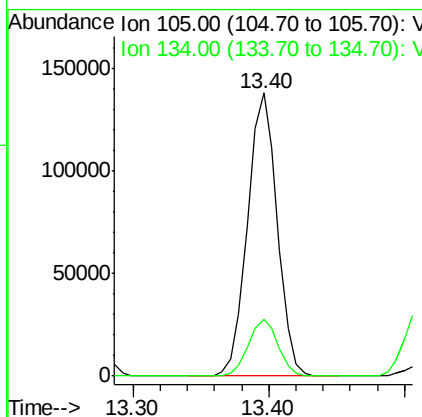
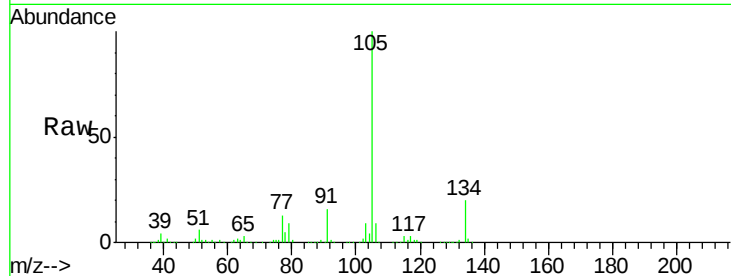




#85
 sec-Butylbenzene
 Concen: 20.28 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VW002568.D
 Acq: 16 May 2018 00:32

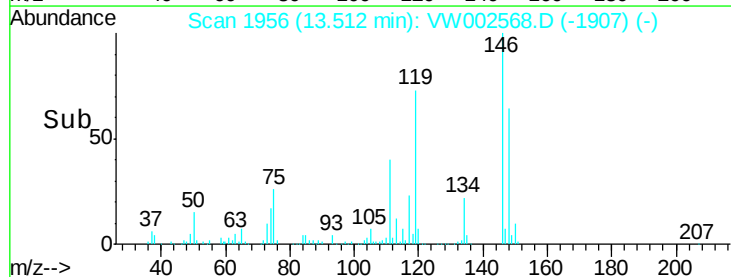
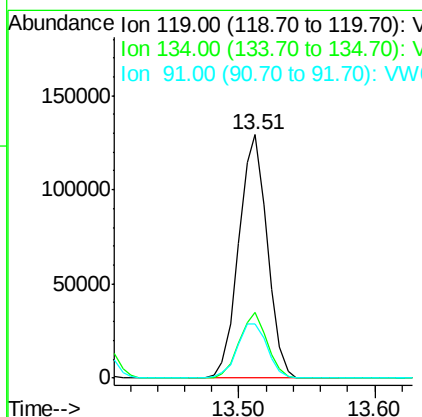
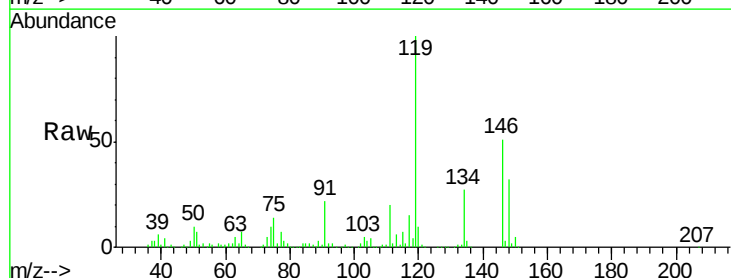
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBS03

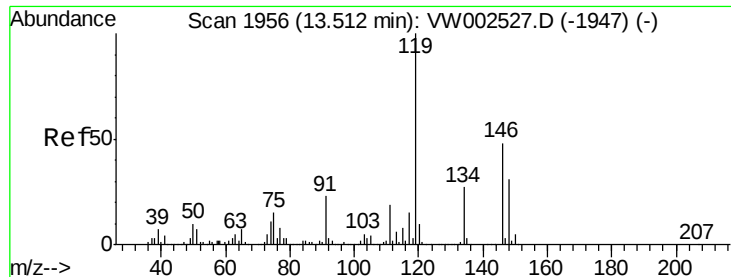
Tgt Ion:105 Resp: 211475
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 20.10 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW002568.D
 Acq: 16 May 2018 00:32

Tgt Ion:119 Resp: 188592
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.4 40.1
 91 23.5 11.6 34.8

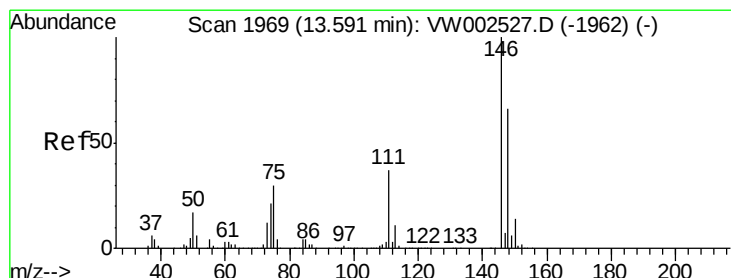
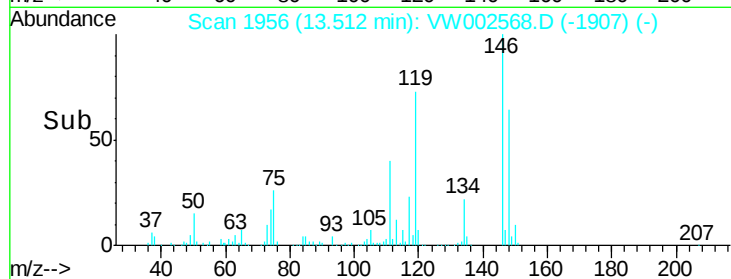
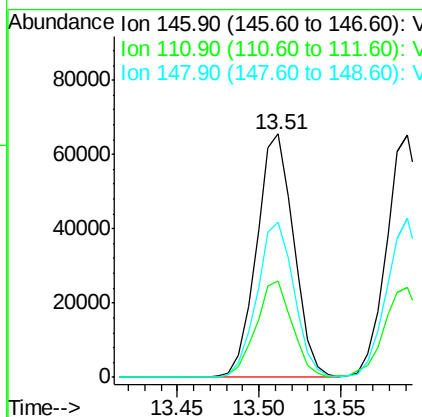
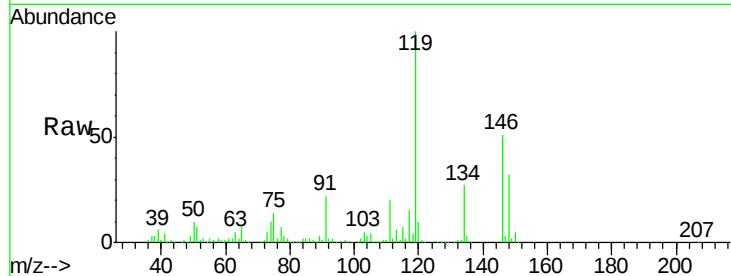




#87
 1,3-Dichlorobenzene
 Concen: 20.42 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW002568.D
 Acq: 16 May 2018 00:32

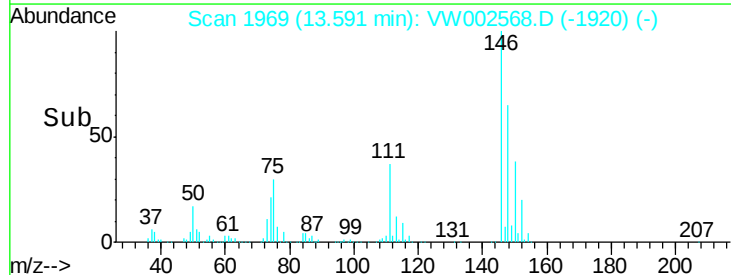
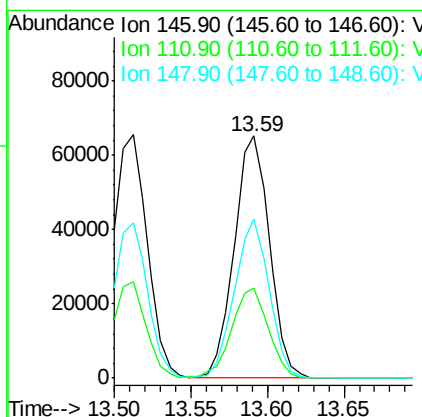
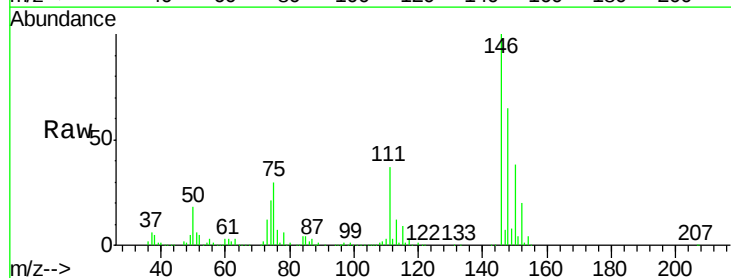
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBS03

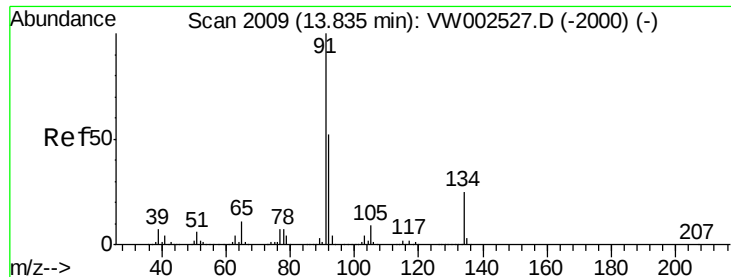
Tgt Ion:146 Resp: 103786
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.6 58.7
 148 63.6 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 20.58 ug/l
 RT: 13.59 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VW002568.D
 Acq: 16 May 2018 00:32

Tgt Ion:146 Resp: 104059
 Ion Ratio Lower Upper
 146 100
 111 38.8 18.9 56.5
 148 64.6 32.4 97.0

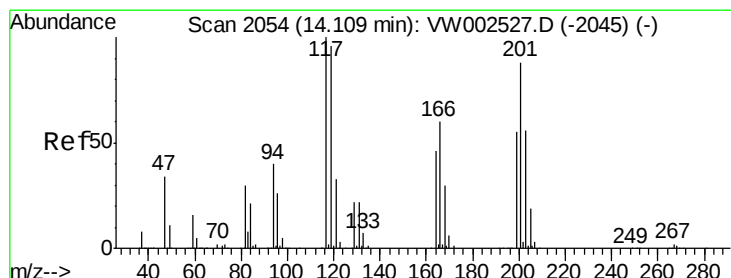
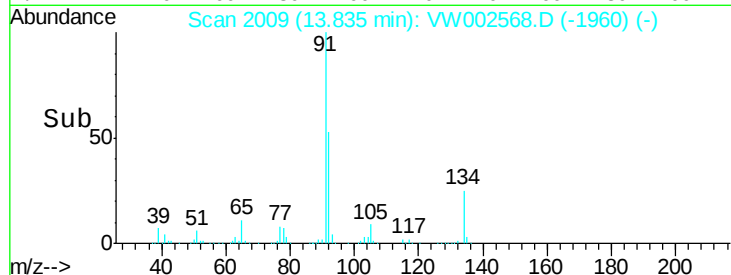
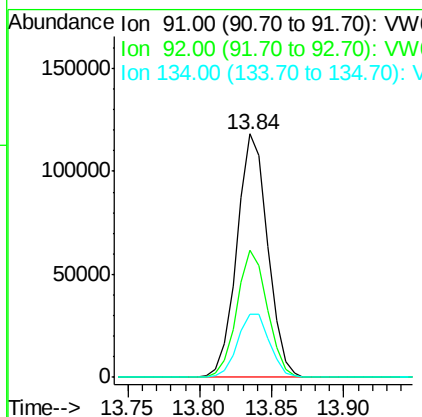
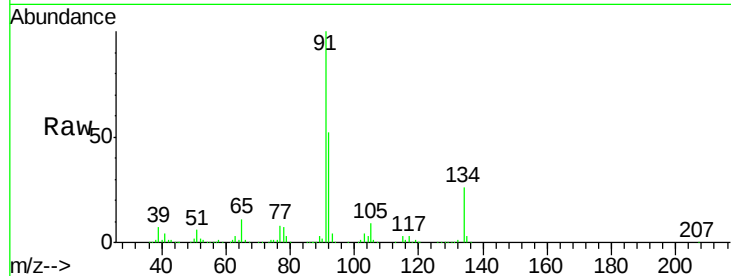




#89
n-Butylbenzene
Concen: 19.81 ug/l
RT: 13.84 min Scan# 2009
Delta R.T. -0.00 min
Lab File: VW002568.D
Acq: 16 May 2018 00:32

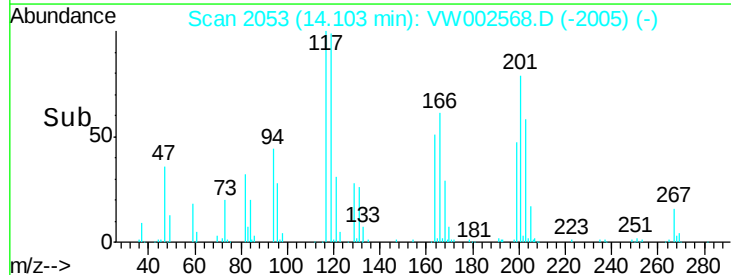
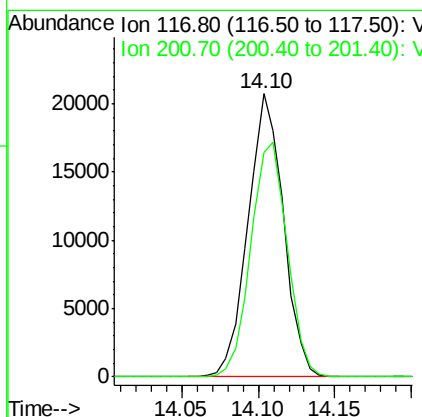
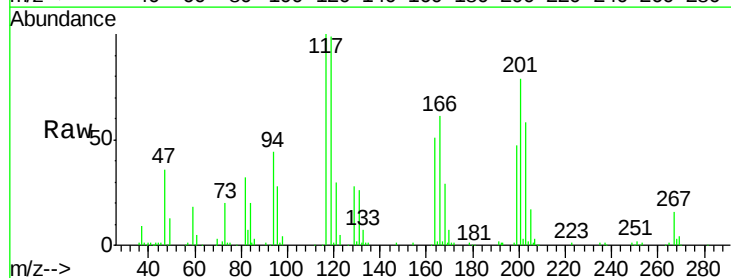
Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS03

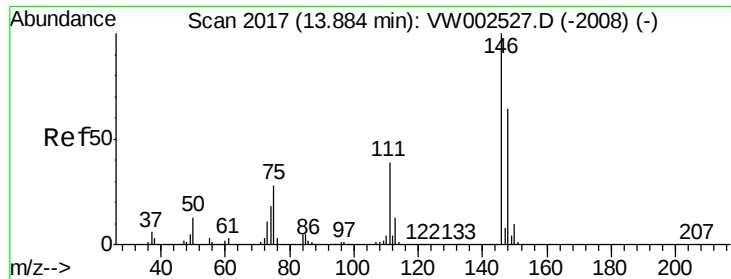
Tgt Ion: 91 Resp: 175784
Ion Ratio Lower Upper
91 100
92 51.7 26.1 78.2
134 26.9 13.1 39.1



#90
Hexachloroethane
Concen: 19.89 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. -0.01 min
Lab File: VW002568.D
Acq: 16 May 2018 00:32

Tgt Ion: 117 Resp: 33414
Ion Ratio Lower Upper
117 100
201 85.1 42.0 126.0

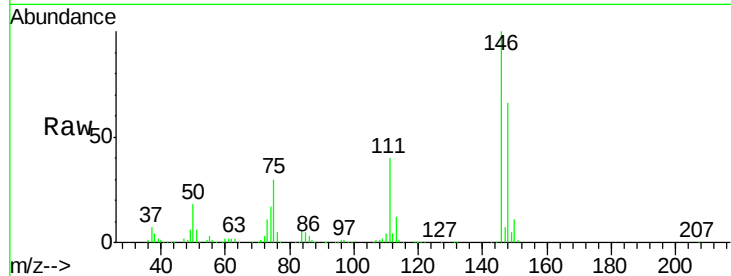




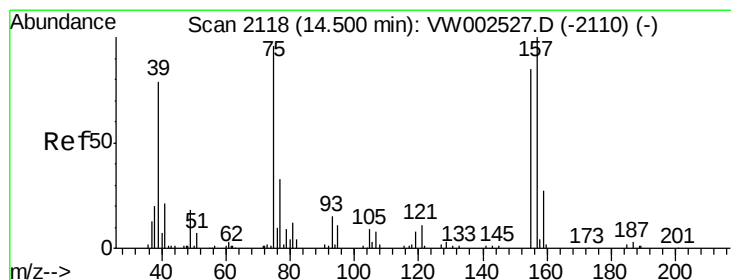
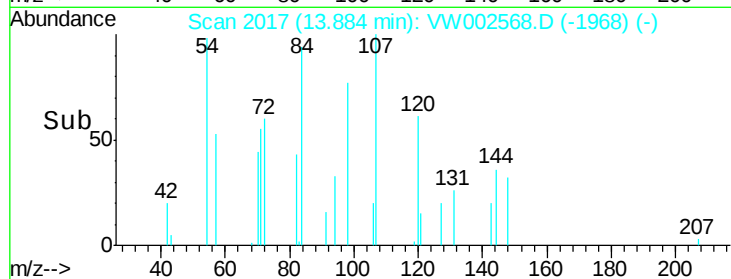
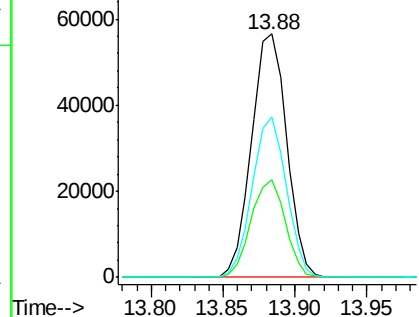
#91
 1,2-Dichlorobenzene
 Concen: 20.70 ug/l
 RT: 13.88 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: VW002568.D
 Acq: 16 May 2018 00:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBS03

Tgt Ion:146 Resp: 95458
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.9 59.6
 148 63.9 32.1 96.3

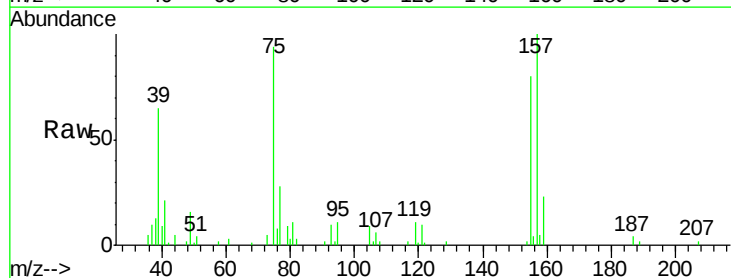


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

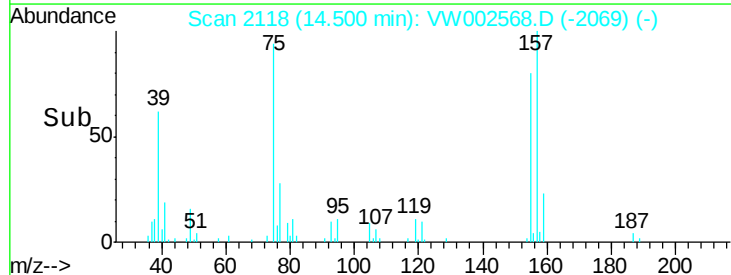
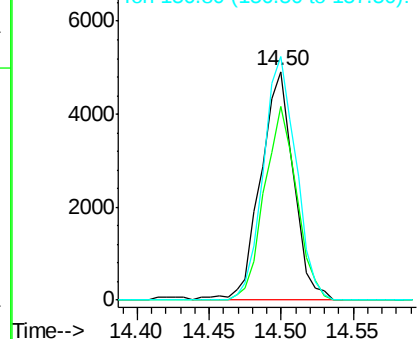


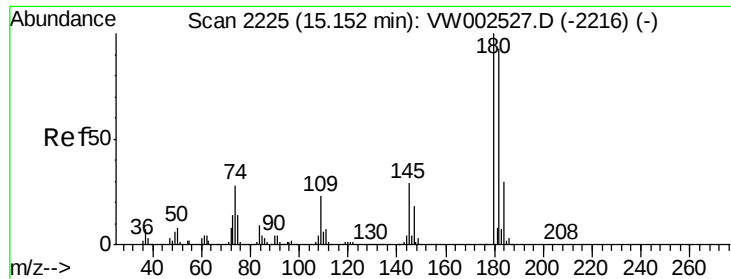
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.02 ug/l
 RT: 14.50 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VW002568.D
 Acq: 16 May 2018 00:32

Tgt Ion: 75 Resp: 7751
 Ion Ratio Lower Upper
 75 100
 155 82.8 42.8 128.4
 157 105.8 57.4 172.0



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

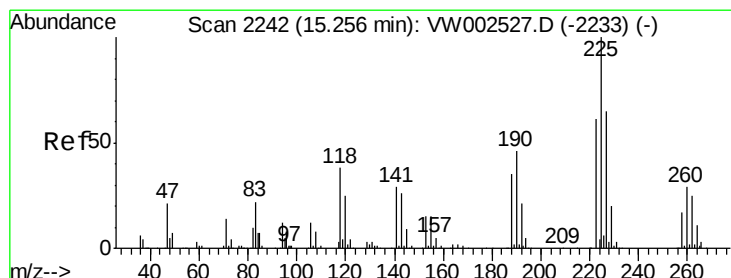
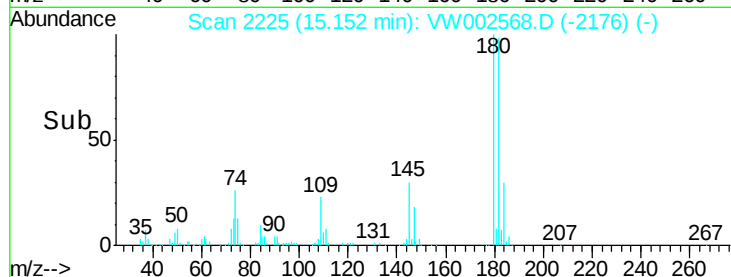
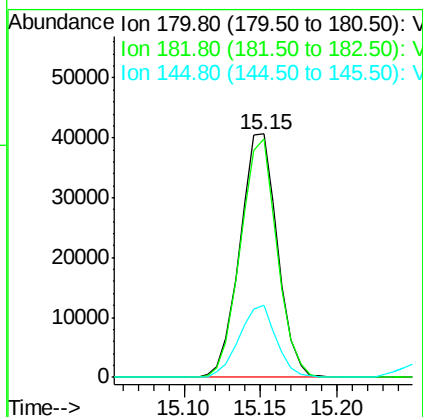
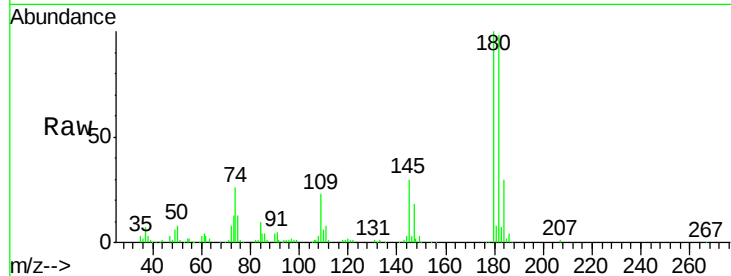




#93
 1,2,4-Trichlorobenzene
 Concen: 20.56 ug/l
 RT: 15.15 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: VW002568.D
 Acq: 16 May 2018 00:32

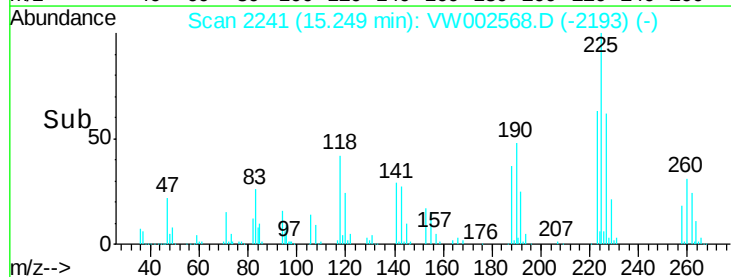
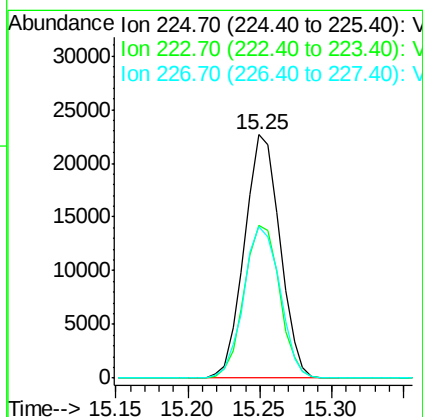
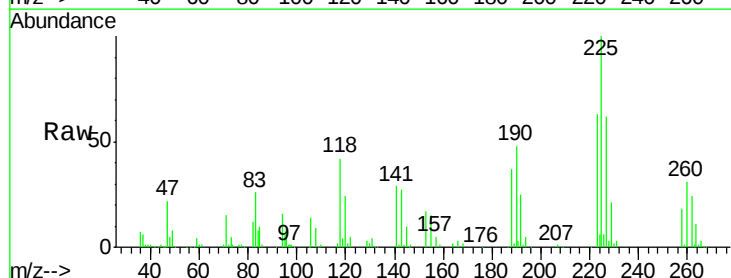
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBS03

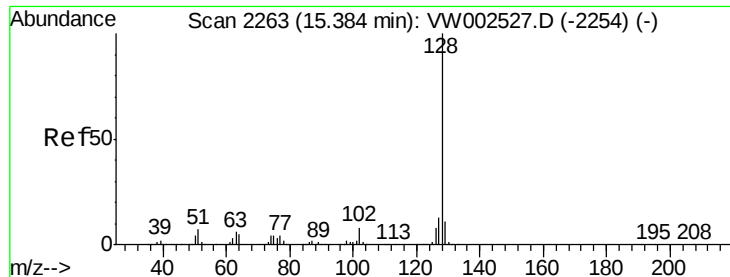
Tgt Ion:180 Resp: 69016
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.2 141.6
 145 29.0 14.9 44.9



#94
 Hexachlorobutadiene
 Concen: 20.71 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: VW002568.D
 Acq: 16 May 2018 00:32

Tgt Ion:225 Resp: 38687
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.3 93.9
 227 63.5 31.9 95.5

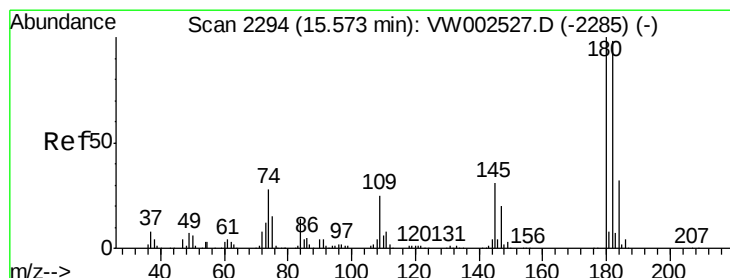
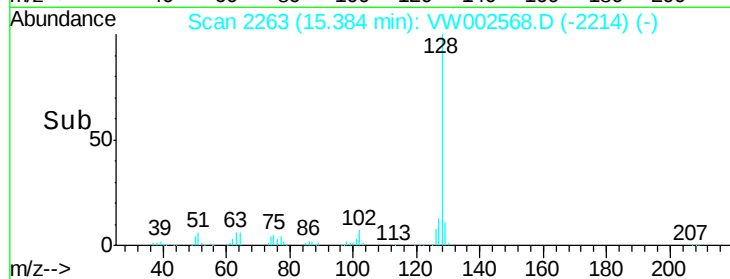
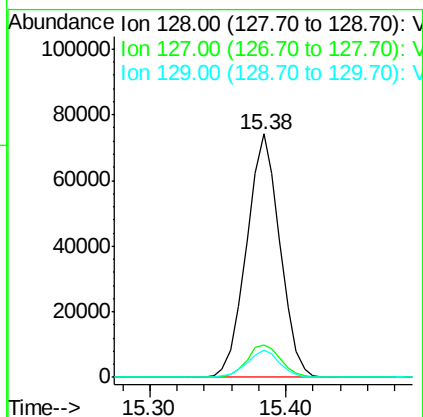
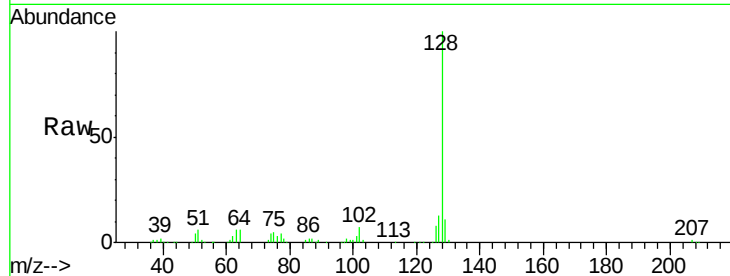




#95
Naphthalene
Concen: 20.85 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. -0.00 min
Lab File: VW002568.D
Acq: 16 May 2018 00:32

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS03

Tgt Ion:128 Resp: 127240
Ion Ratio Lower Upper
128 100
127 13.6 10.6 15.8
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 21.39 ug/l
RT: 15.57 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VW002568.D
Acq: 16 May 2018 00:32

Tgt Ion:180 Resp: 64251
Ion Ratio Lower Upper
180 100
182 93.2 47.3 141.8
145 30.5 15.5 46.5

