

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX031518\
 Data File : VX000327.D
 Acq On : 15 Mar 2018 14:37
 Operator : JC/MD
 Sample : VX0315WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS01

Quant Time: Mar 16 02:38:36 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 15 03:39:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	127617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	210539	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	207168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118352	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	74534	42.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.44%	
35) Dibromofluoromethane	5.51	113	57942	43.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.24%	
50) Toluene-d8	8.73	98	230279	41.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.12%	
62) 4-Bromofluorobenzene	11.15	95	88900	40.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	20710	15.06	ug/l	93
3) Chloromethane	1.32	50	23040	16.44	ug/l	88
4) Vinyl Chloride	1.41	62	25852	16.47	ug/l	98
5) Bromomethane	1.65	94	22335	12.75	ug/l	96
6) Chloroethane	1.73	64	17463	15.65	ug/l	99
7) Trichlorofluoromethane	1.93	101	46693	17.13	ug/l	97
8) Diethyl Ether	2.20	74	15871	16.35	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	25427	17.32	ug/l	97
10) Methyl Iodide	2.52	142	20112	13.56	ug/l	97
11) Tert butyl alcohol	3.07	59	52307	91.57	ug/l	99
12) 1,1-Dichloroethene	2.38	96	23694	17.01	ug/l	98
13) Acrolein	2.30	56	23827	96.95	ug/l	99
14) Allyl chloride	2.73	41	42754	17.21	ug/l	97
15) Acrylonitrile	3.15	53	98361	89.30	ug/l	99
16) Acetone	2.45	43	109505	92.90	ug/l	95
17) Carbon Disulfide	2.57	76	58423	14.36	ug/l	99
18) Methyl Acetate	2.78	43	48254	18.29	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	87329	17.81	ug/l	99
20) Methylene Chloride	2.87	84	26731	17.52	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	24360	15.82	ug/l	91
22) Diisopropyl ether	3.89	45	80598	19.49	ug/l	92
23) Vinyl Acetate	3.83	43	391007	99.22	ug/l	100
24) 1,1-Dichloroethane	3.70	63	46336	17.81	ug/l	99
25) 2-Butanone	4.71	43	133260	94.59	ug/l	97
26) 2,2-Dichloropropane	4.59	77	31908	17.00	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	24037	17.09	ug/l	97
28) Bromochloromethane	5.03	49	20719	18.95	ug/l	100
29) Tetrahydrofuran	5.18	42	82126	90.57	ug/l	98
30) Chloroform	5.23	83	43040	17.53	ug/l	96
31) Cyclohexane	5.59	56	32673	16.37	ug/l	95
32) 1,1,1-Trichloroethane	5.51	97	37961	17.49	ug/l	98
36) 1,1-Dichloropropene	5.81	75	32183	16.82	ug/l	98
37) Ethyl Acetate	4.87	43	45154	17.76	ug/l	98
38) Carbon Tetrachloride	5.80	117	31276	16.22	ug/l	95

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX031518\
 Data File : VX000327.D
 Acq On : 15 Mar 2018 14:37
 Operator : JC/MD
 Sample : VX0315WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS01

Quant Time: Mar 16 02:38:36 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 15 03:39:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	36181	16.22	ug/l	91
40) Benzene	6.15	78	92886	17.11	ug/l	99
41) Methacrylonitrile	5.07	41	23589	17.67	ug/l	98
42) 1,2-Dichloroethane	6.21	62	37217	17.30	ug/l	99
43) Isopropyl Acetate	6.48	43	67065	18.28	ug/l	98
44) Trichloroethene	7.23	130	26773	17.02	ug/l	97
45) 1,2-Dichloropropane	7.53	63	24683	18.44	ug/l	100
46) Dibromomethane	7.67	93	18992	17.66	ug/l	100
47) Bromodichloromethane	7.91	83	34574	18.11	ug/l	96
48) Methyl methacrylate	7.79	41	33768	18.20	ug/l	99
49) 1,4-Dioxane	7.76	88	14802	354.59	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	261739	91.85	ug/l	98
52) Toluene	8.79	92	64358	16.88	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	39789	18.06	ug/l	92
54) cis-1,3-Dichloropropene	9.05	75	38687	17.96	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	27373	17.89	ug/l	98
56) Ethyl methacrylate	9.19	69	41211	18.19	ug/l	99
57) 1,3-Dichloropropane	9.38	76	44971	18.15	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	108058	114.72	ug/l	100
59) 2-Hexanone	9.51	43	221102	92.09	ug/l	98
60) Dibromochloromethane	9.59	129	26859	16.60	ug/l	92
61) 1,2-Dibromoethane	9.68	107	28384	16.74	ug/l	98
64) Tetrachloroethene	9.34	164	26151	18.26	ug/l	98
65) Chlorobenzene	10.15	112	75366	17.86	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	25185	17.75	ug/l	97
67) Ethyl Benzene	10.26	91	129041	17.94	ug/l	97
68) m/p-Xylenes	10.37	106	100088	35.72	ug/l	98
69) o-Xylene	10.71	106	48516	17.82	ug/l	99
70) Styrene	10.72	104	82131	18.18	ug/l	96
71) Bromoform	10.87	173	21212	17.67	ug/l #	97
73) Isopropylbenzene	11.02	105	132784	18.63	ug/l	99
74) N-amyl acetate	6.48	43	67065	19.65	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	47666	18.78	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	55348	24.84	ug/l	84
77) Bromobenzene	11.26	156	34067	18.21	ug/l	97
78) n-propylbenzene	11.37	91	156877	18.25	ug/l	99
79) 2-Chlorotoluene	11.43	91	88406	18.12	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	110452	18.19	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	12499	17.61	ug/l	93
82) 4-Chlorotoluene	11.52	91	111369	18.58	ug/l	99
83) tert-Butylbenzene	11.78	119	109662	18.51	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	115654	18.53	ug/l	98
85) sec-Butylbenzene	11.96	105	140021	18.88	ug/l	99
86) p-Isopropyltoluene	12.07	119	125754	19.05	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	63830	17.38	ug/l	100
88) 1,4-Dichlorobenzene	12.11	146	66949	17.55	ug/l	96
89) n-Butylbenzene	12.40	91	119857	18.68	ug/l	99
90) Hexachloroethane	12.60	117	18773	17.73	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	63702	17.91	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.01	75	13603	19.80	ug/l	89

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX031518\
Data File : VX000327.D
Acq On : 15 Mar 2018 14:37
Operator : JC/MD
Sample : VX0315WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

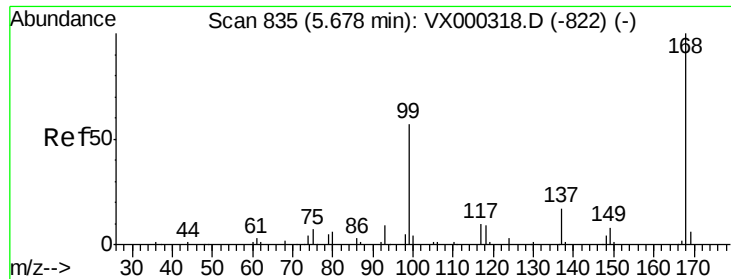
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

Quant Time: Mar 16 02:38:36 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 15 03:39:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	48914	19.09	ug/l	98
94) Hexachlorobutadiene	13.79	225	19187	18.99	ug/l	96
95) Naphthalene	13.84	128	168574	18.96	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	47337	18.29	ug/l	98

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

Page: 4



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

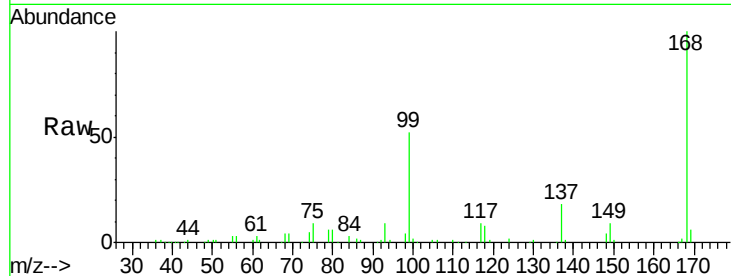
VX0315WBS01

Tgt Ion:168 Resp: 127617

Ion Ratio Lower Upper

168 100

99 52.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

40000

30000

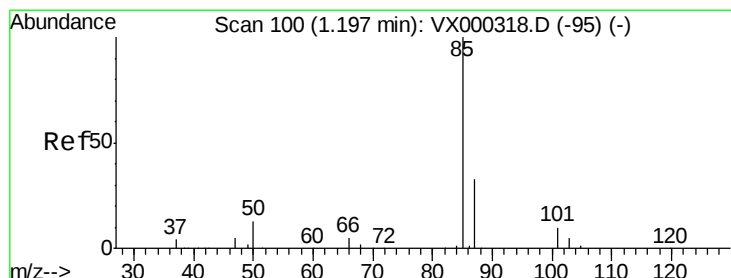
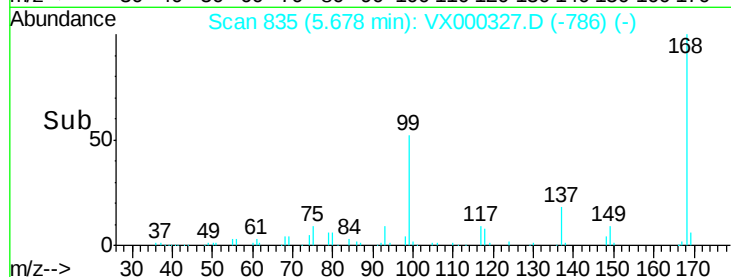
20000

10000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 15.06 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000327.D

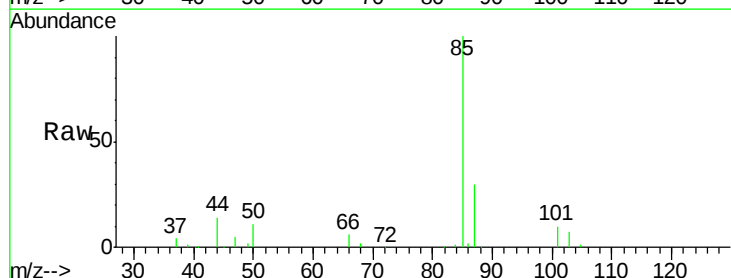
Acq: 15 Mar 2018 14:37

Tgt Ion: 85 Resp: 20710

Ion Ratio Lower Upper

85 100

87 29.6 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

25000

20000

15000

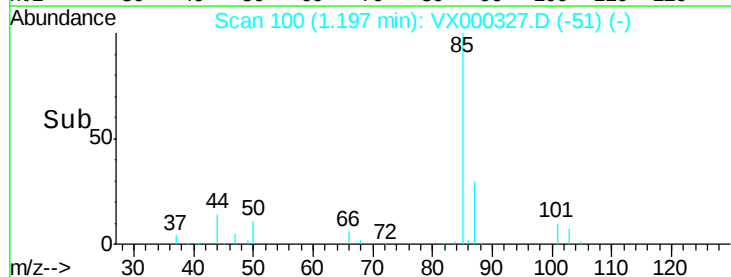
10000

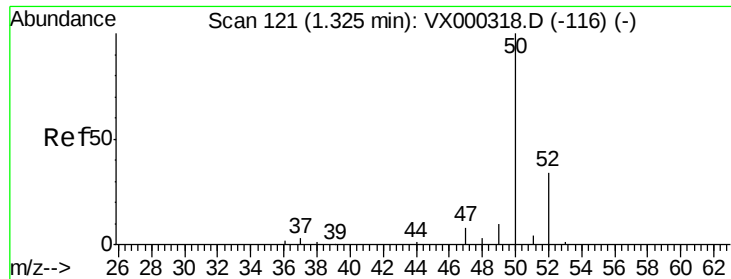
5000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 16.44 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

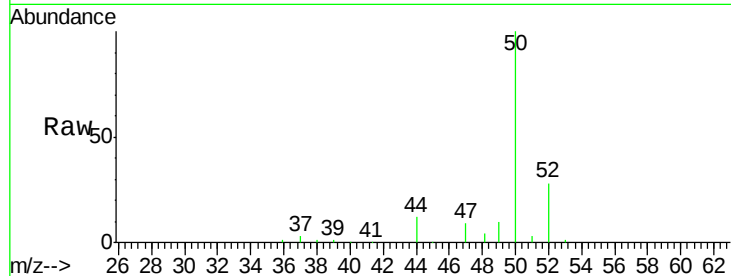
VX0315WBS01

Tgt Ion: 50 Resp: 23040

Ion Ratio Lower Upper

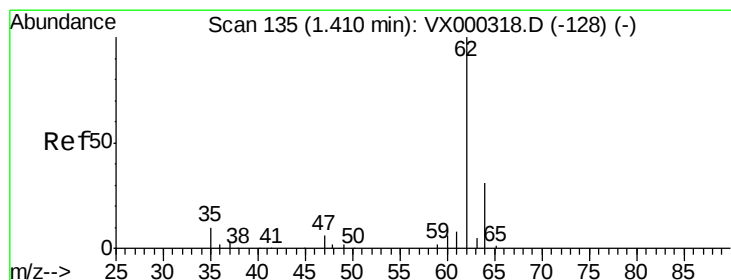
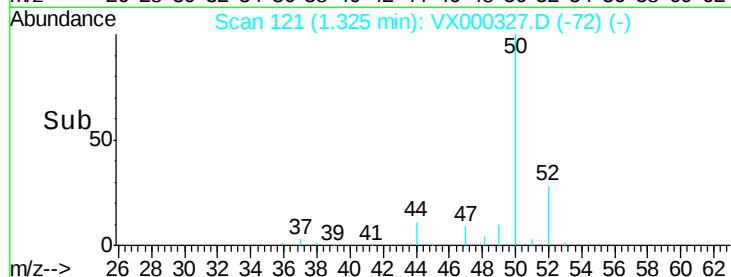
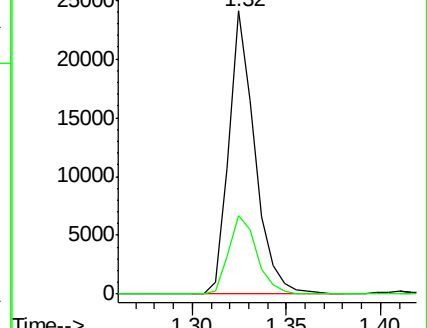
50 100

52 27.7 27.5 41.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.47 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000327.D

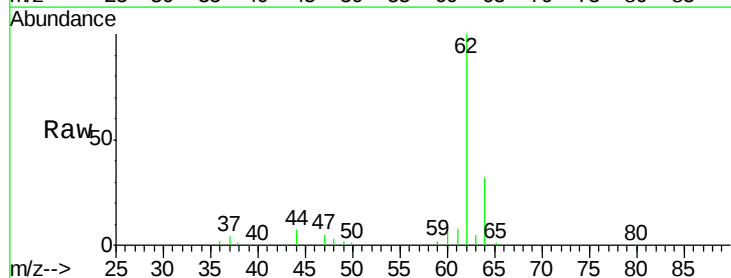
Acq: 15 Mar 2018 14:37

Tgt Ion: 62 Resp: 25852

Ion Ratio Lower Upper

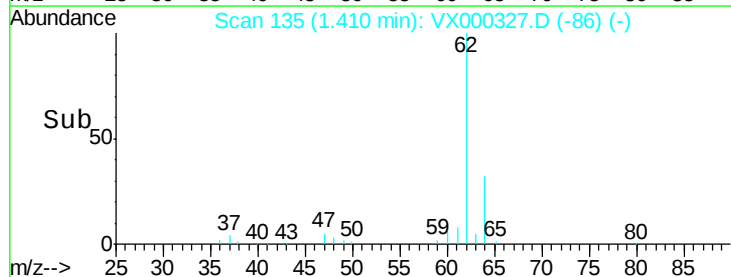
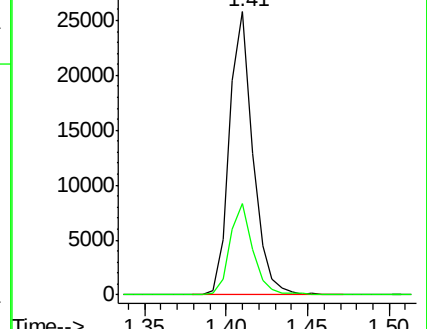
62 100

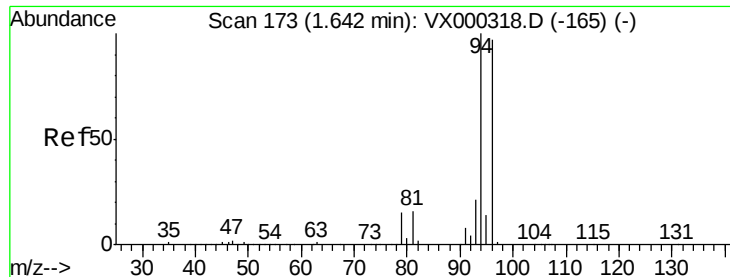
64 32.1 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 12.75 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

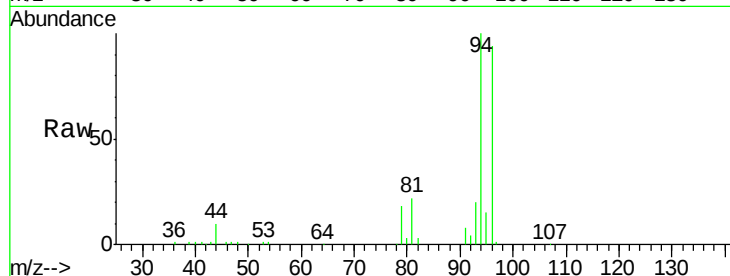
VX0315WBS01

Tgt Ion: 94 Resp: 22335

Ion Ratio Lower Upper

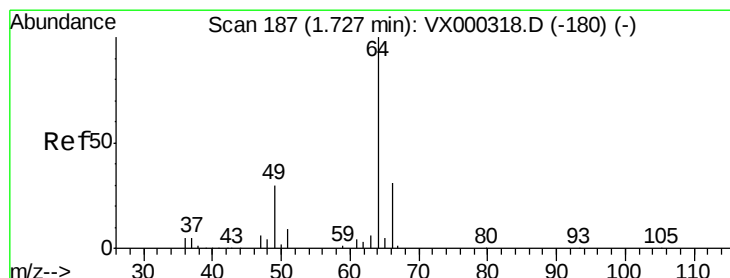
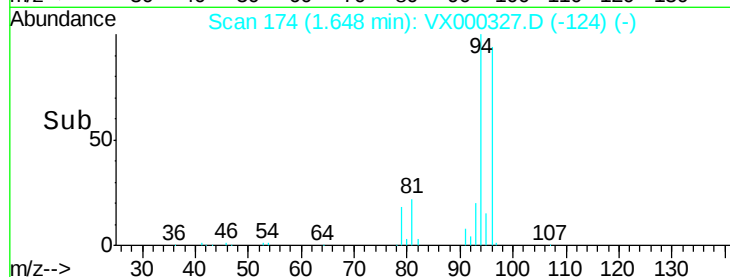
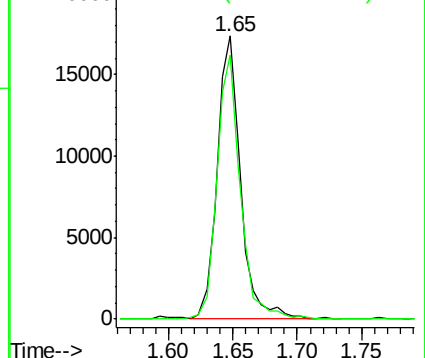
94 100

96 93.5 77.7 116.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 15.65 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000327.D

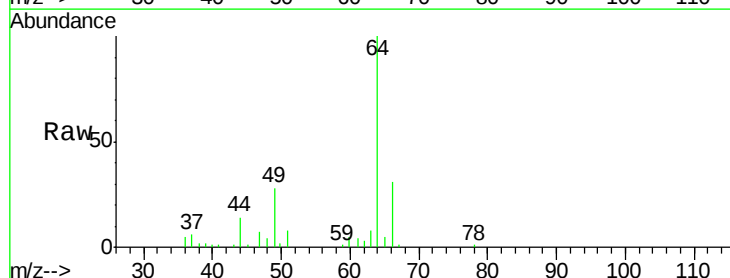
Acq: 15 Mar 2018 14:37

Tgt Ion: 64 Resp: 17463

Ion Ratio Lower Upper

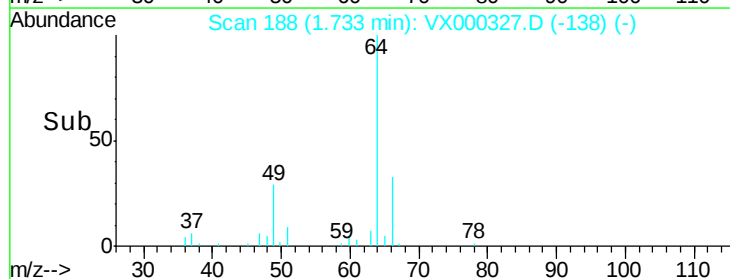
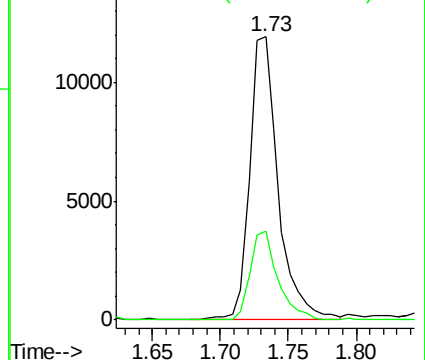
64 100

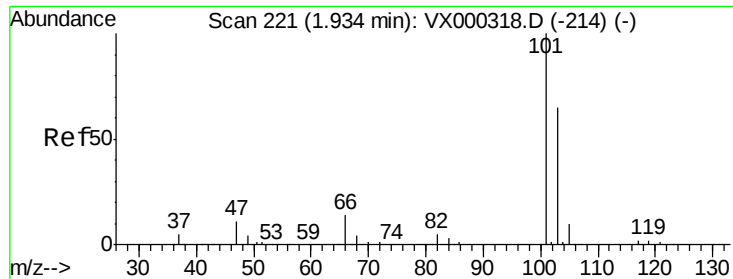
66 31.4 24.8 37.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



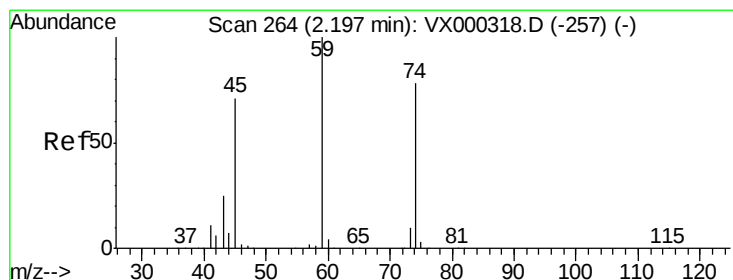
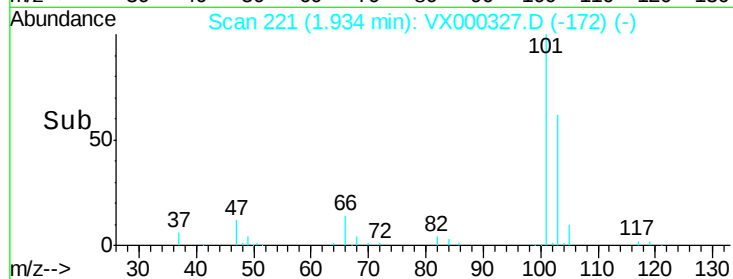
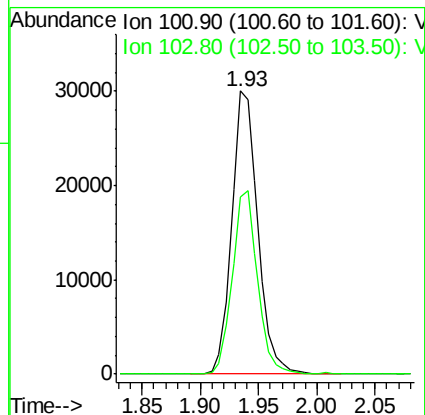
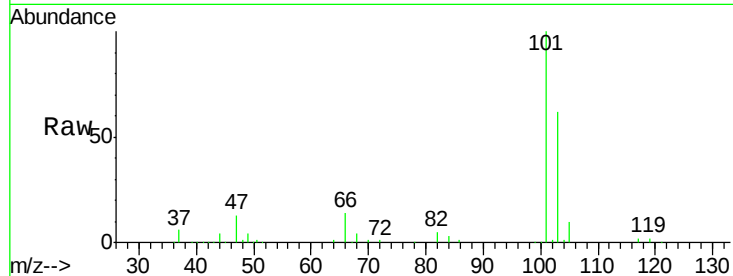


#7

Trichlorofluoromethane
 Concen: 17.13 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000327.D
 Acq: 15 Mar 2018 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS01

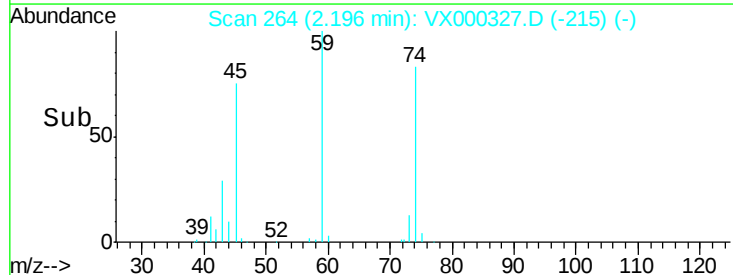
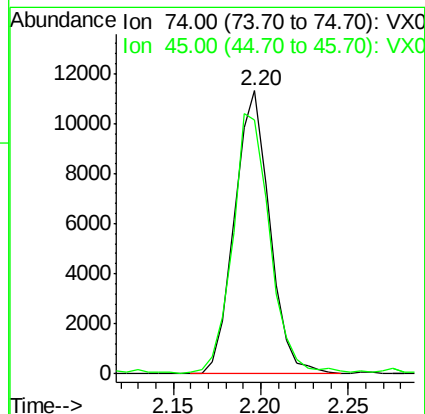
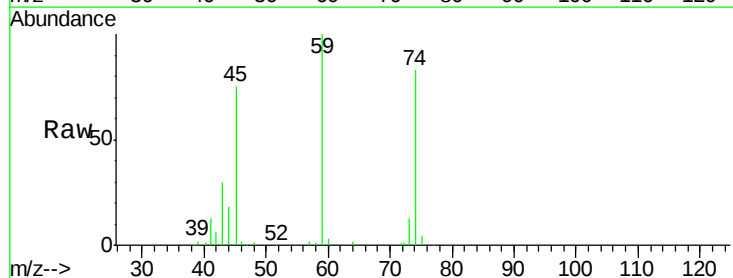
Tgt Ion:101 Resp: 46693
 Ion Ratio Lower Upper
 101 100
 103 62.4 51.6 77.4

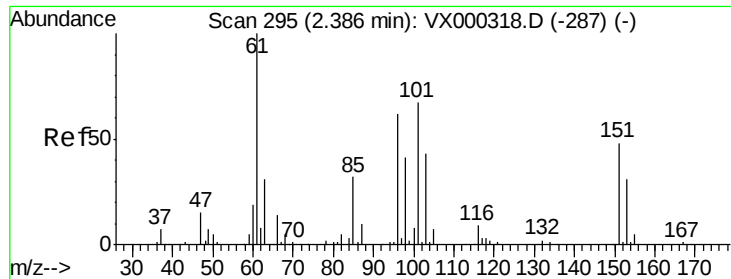


#8

Diethyl Ether
 Concen: 16.35 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. -0.00 min
 Lab File: VX000327.D
 Acq: 15 Mar 2018 14:37

Tgt Ion: 74 Resp: 15871
 Ion Ratio Lower Upper
 74 100
 45 97.9 45.1 135.3

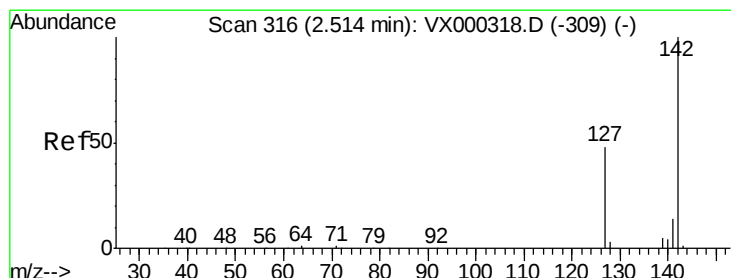
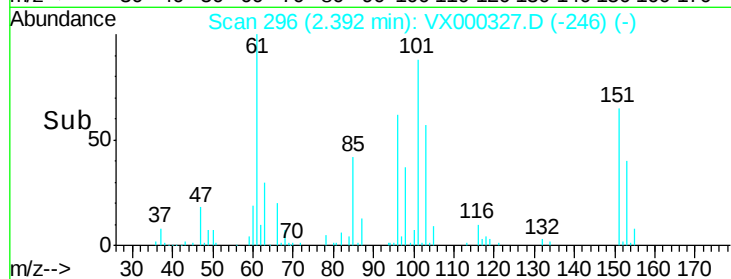
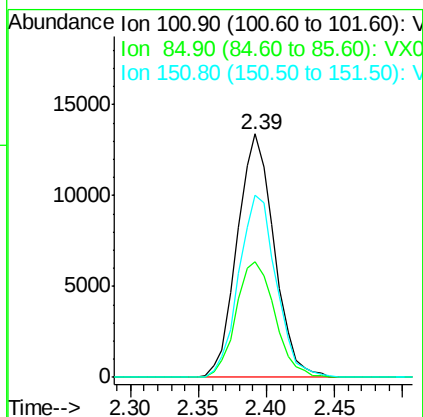
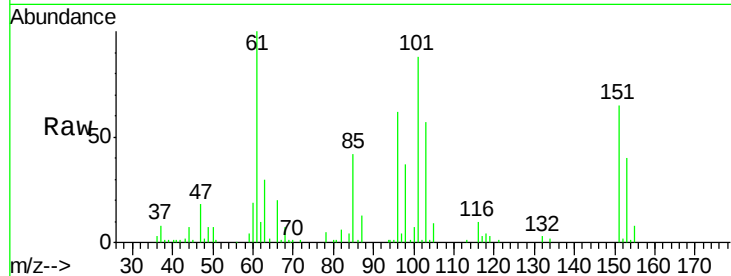




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 17.32 ug/l
 RT: 2.39 min Scan# 296
 Delta R.T. 0.01 min
 Lab File: VX000327.D
 Acq: 15 Mar 2018 14:37

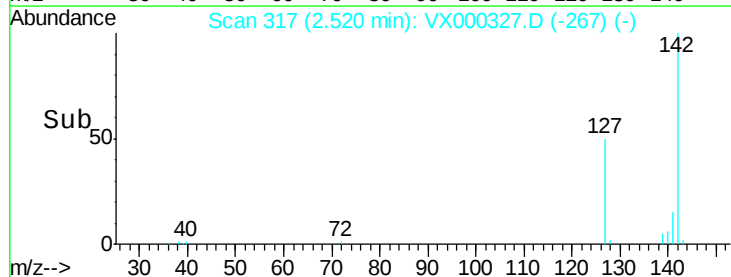
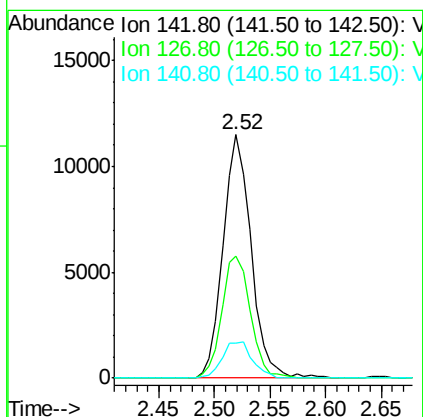
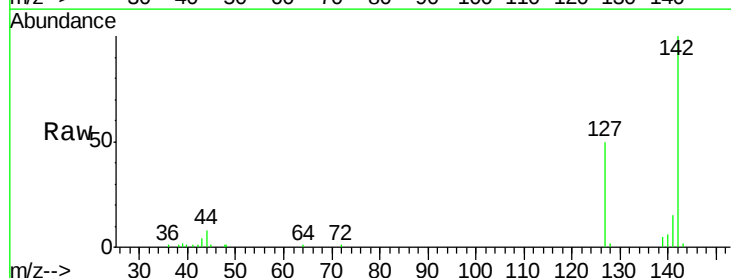
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS01

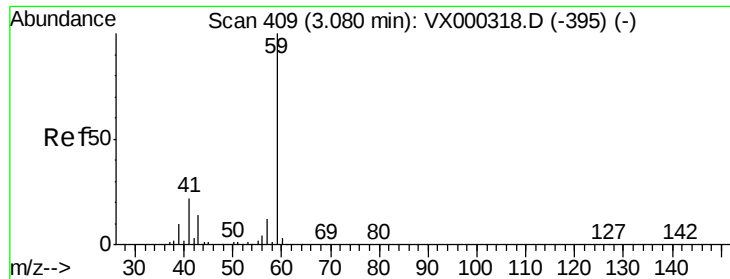
Tgt Ion:101 Resp: 25427
 Ion Ratio Lower Upper
 101 100
 85 49.9 37.6 56.4
 151 75.9 62.6 93.8



#10
 Methyl Iodide
 Concen: 13.56 ug/l
 RT: 2.52 min Scan# 317
 Delta R.T. 0.01 min
 Lab File: VX000327.D
 Acq: 15 Mar 2018 14:37

Tgt Ion:142 Resp: 20112
 Ion Ratio Lower Upper
 142 100
 127 50.8 39.2 58.8
 141 16.0 11.7 17.5

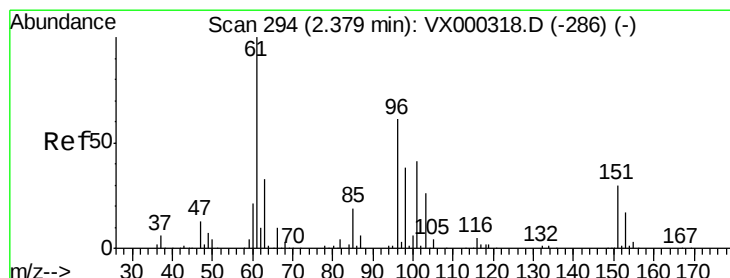
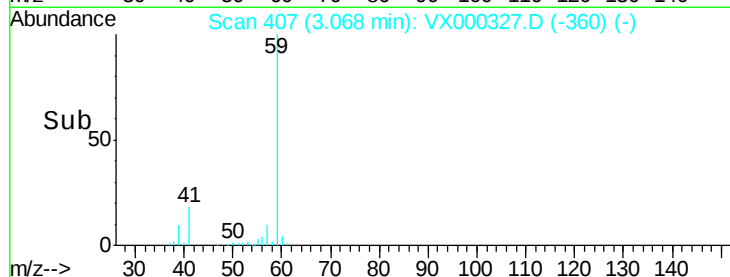
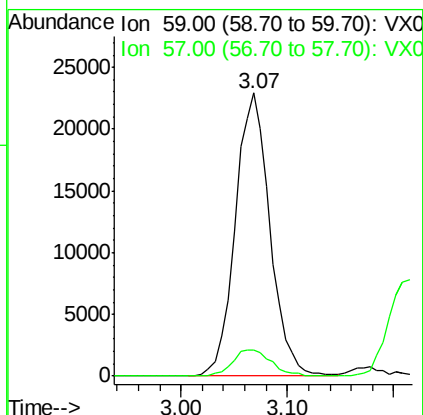
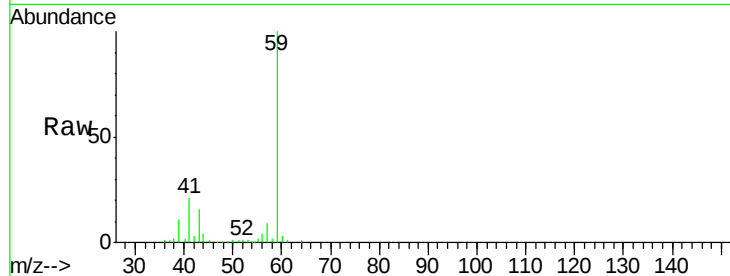




#11
Tert butyl alcohol
Concen: 91.57 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

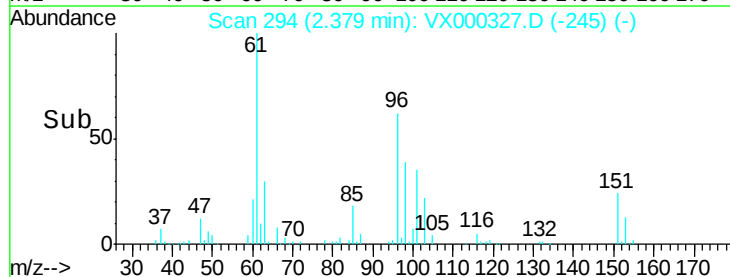
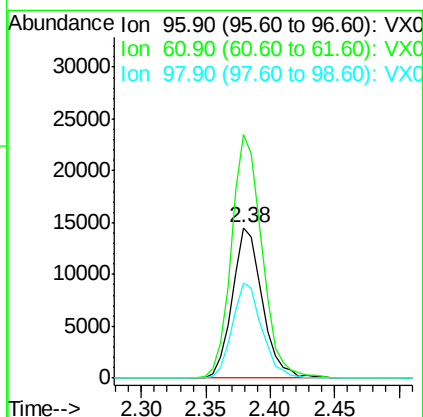
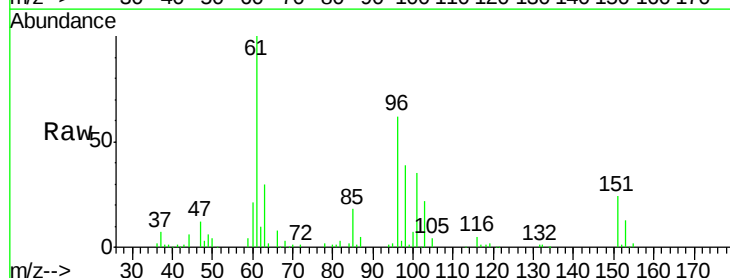
Instrument :
MSVOA_X
ClientSampled :
VX0315WBS01

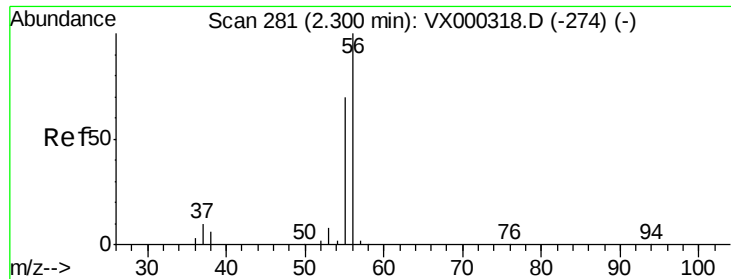
Tgt Ion: 59 Resp: 52307
Ion Ratio Lower Upper
59 100
57 10.2 8.4 12.6



#12
1,1-Dichloroethene
Concen: 17.01 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Tgt Ion: 96 Resp: 23694
Ion Ratio Lower Upper
96 100
61 161.5 131.2 196.8
98 63.3 49.8 74.8





#13

Acrolein

Concen: 96.95 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

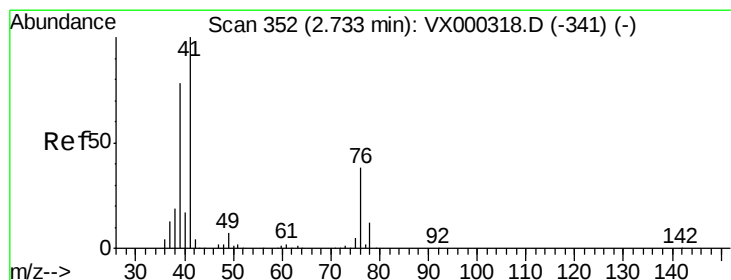
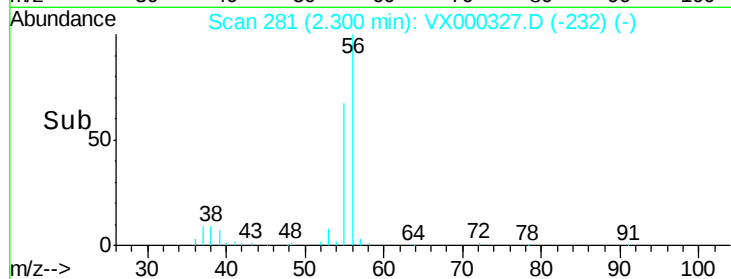
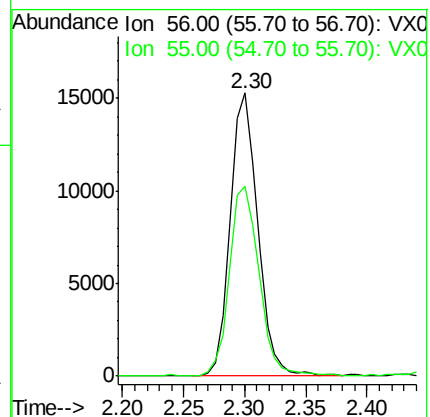
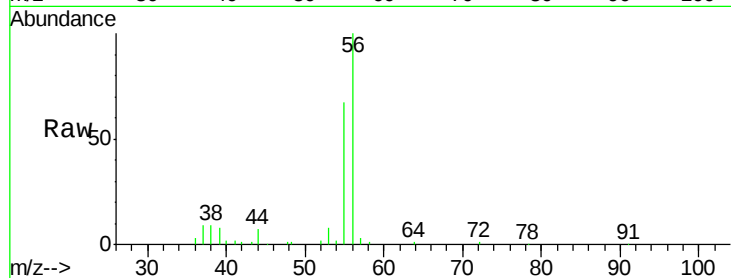
VX0315WBS01

Tgt Ion: 56 Resp: 23827

Ion Ratio Lower Upper

56 100

55 72.4 58.8 88.2



#14

Allyl chloride

Concen: 17.21 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

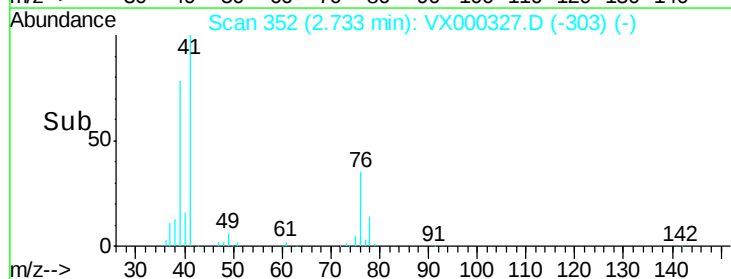
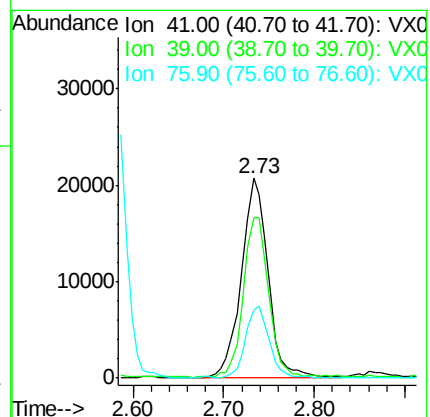
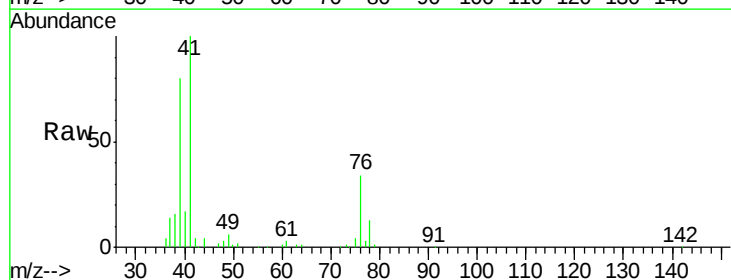
Tgt Ion: 41 Resp: 42754

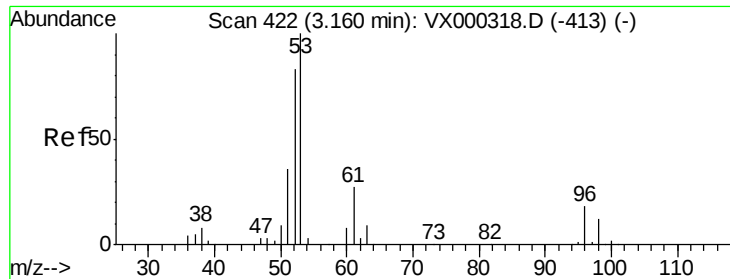
Ion Ratio Lower Upper

41 100

39 74.5 57.6 86.4

76 31.7 27.3 40.9





#15

Acrylonitrile

Concen: 89.30 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS01

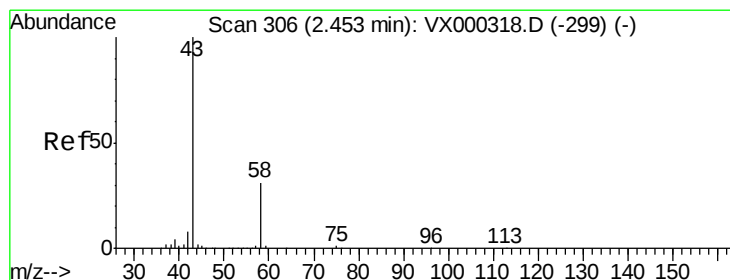
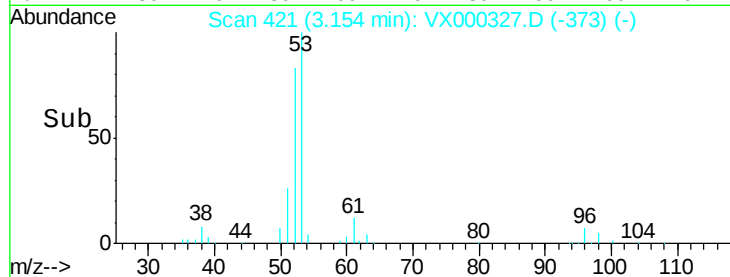
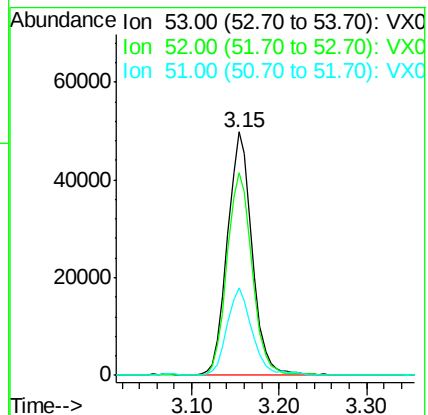
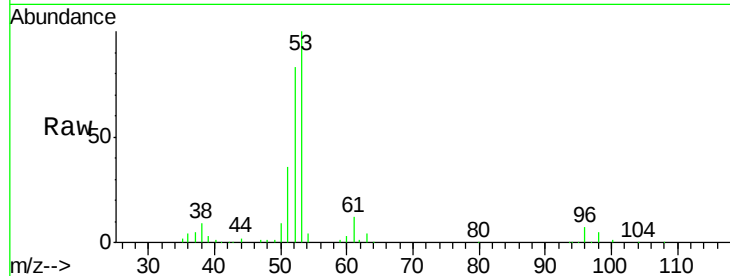
Tgt Ion: 53 Resp: 98361

Ion Ratio Lower Upper

53 100

52 84.7 66.6 99.8

51 37.0 29.3 43.9



#16

Acetone

Concen: 92.90 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000327.D

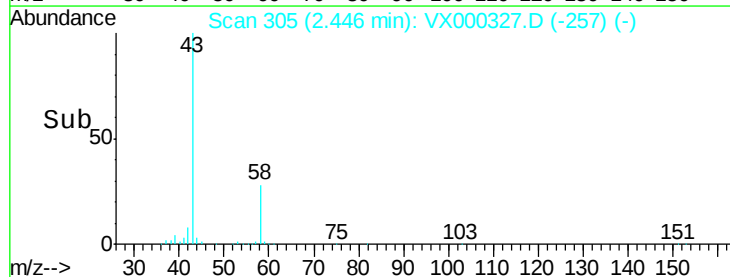
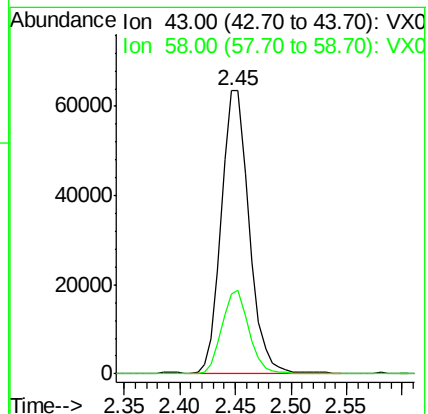
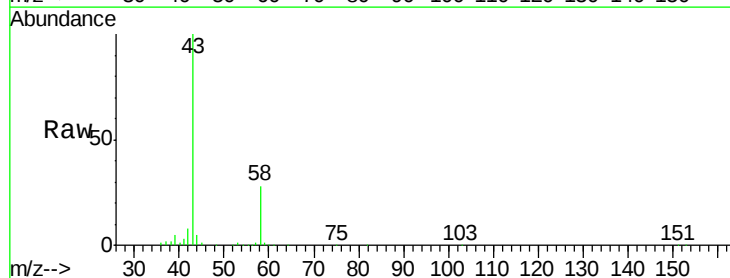
Acq: 15 Mar 2018 14:37

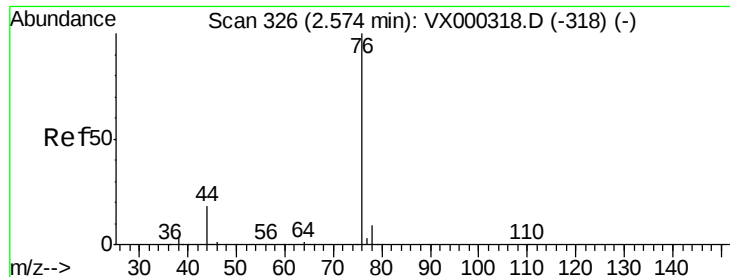
Tgt Ion: 43 Resp: 109505

Ion Ratio Lower Upper

43 100

58 28.1 24.7 37.1

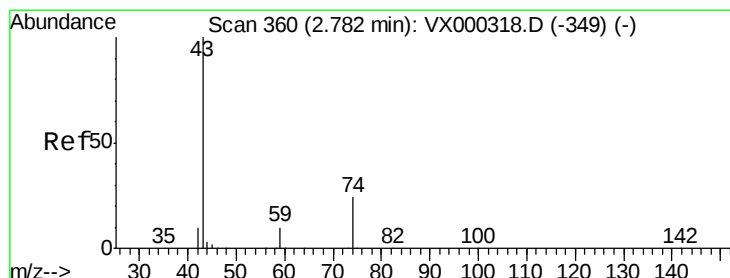
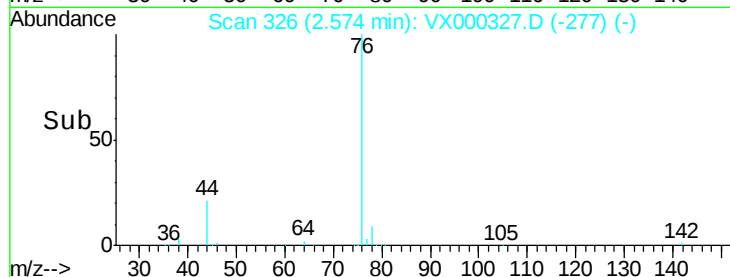
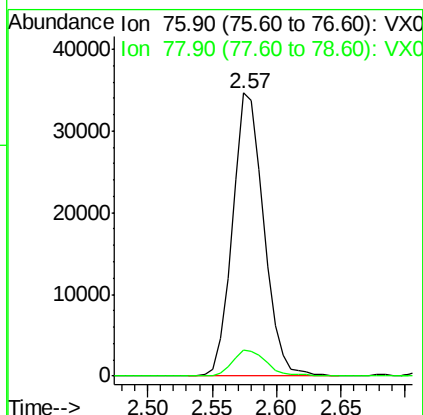
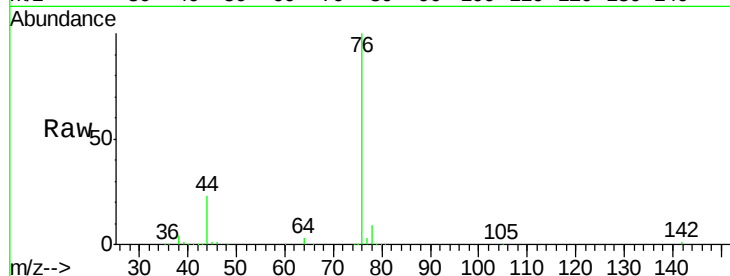




#17
Carbon Disulfide
Concen: 14.36 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

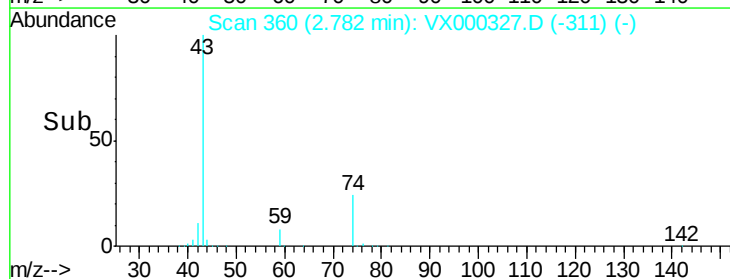
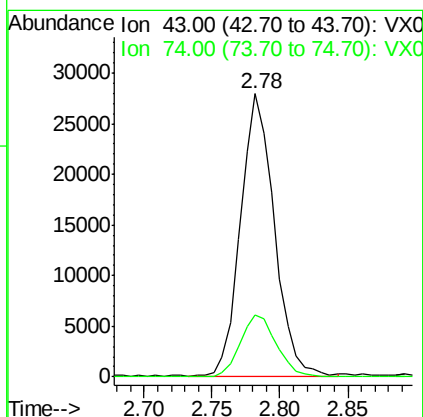
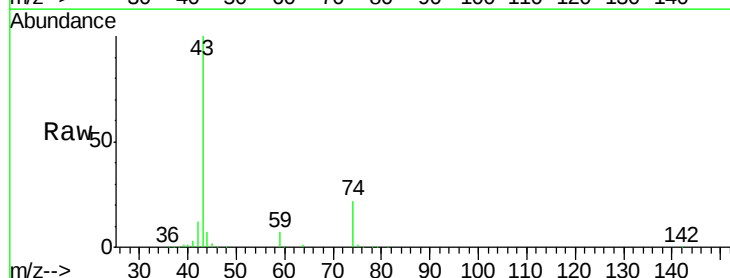
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

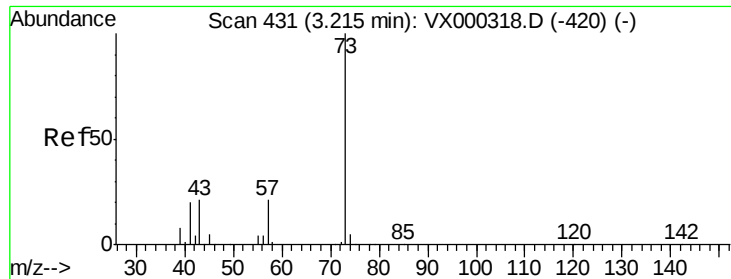
Tgt Ion: 76 Resp: 58423
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 18.29 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Tgt Ion: 43 Resp: 48254
Ion Ratio Lower Upper
43 100
74 24.0 19.4 29.2

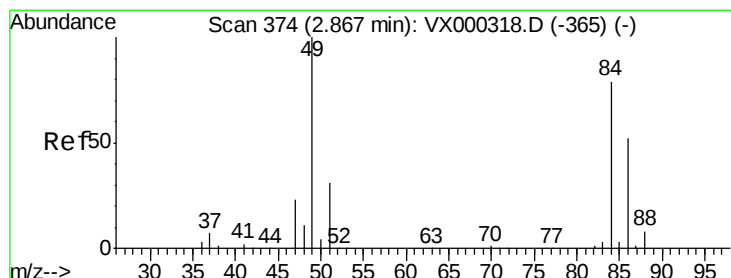
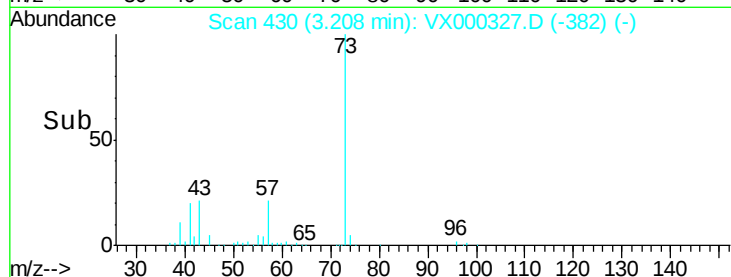
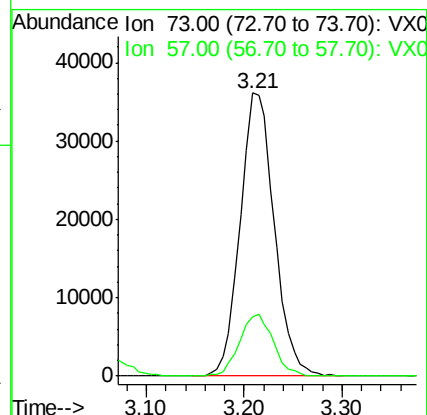
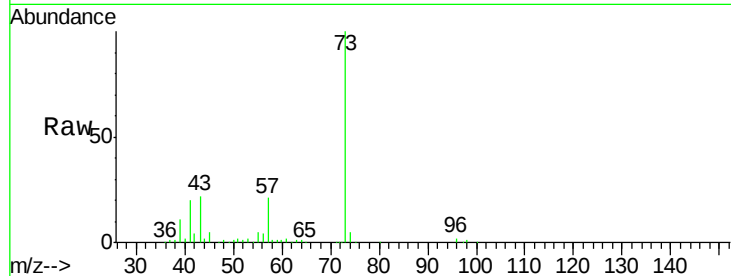




#19
Methyl tert-butyl Ether
Concen: 17.81 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

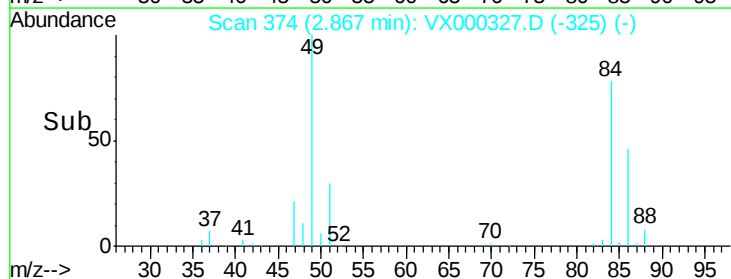
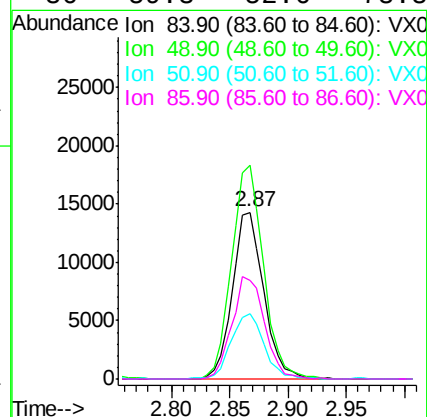
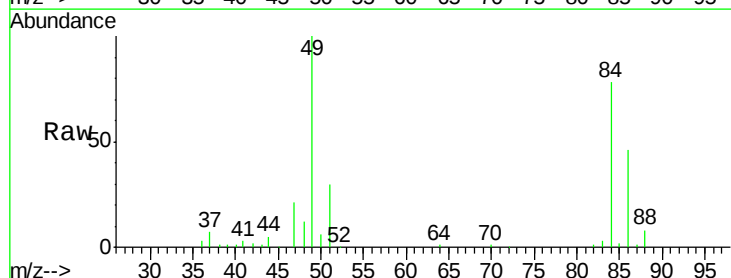
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

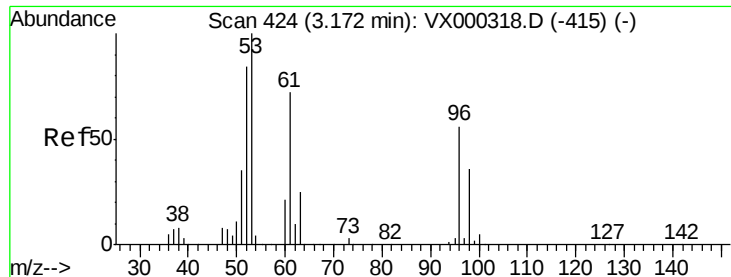
Tgt Ion: 73 Resp: 87329
Ion Ratio Lower Upper
73 100
57 21.1 17.2 25.8



#20
Methylene Chloride
Concen: 17.52 ug/l
RT: 2.87 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Tgt Ion: 84 Resp: 26731
Ion Ratio Lower Upper
84 100
49 128.3 100.6 151.0
51 38.9 31.6 47.4
86 59.3 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 15.82 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS01

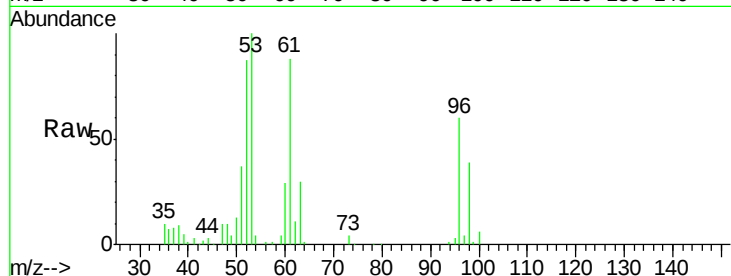
Tgt Ion: 96 Resp: 24360

Ion Ratio Lower Upper

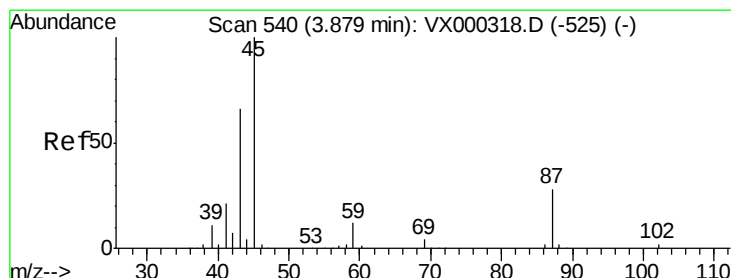
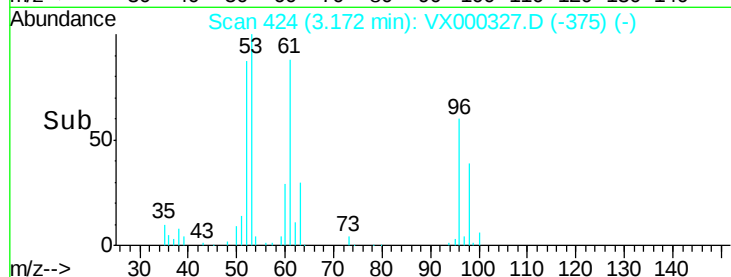
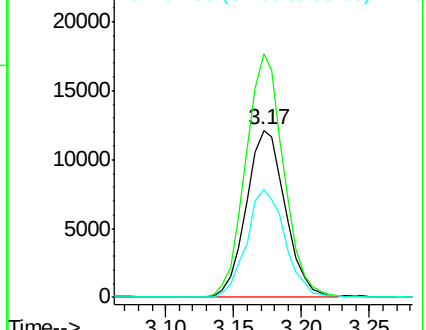
96 100

61 145.9 104.0 156.0

98 65.0 52.1 78.1



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.49 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.01 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Tgt Ion: 45 Resp: 80598

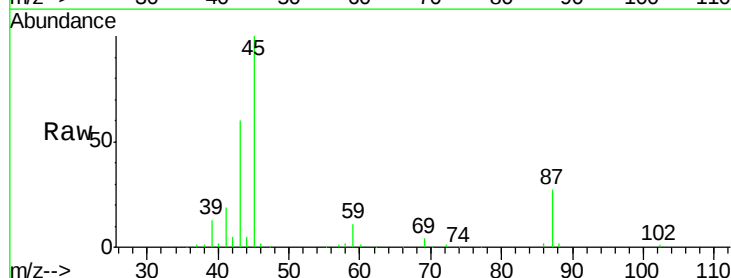
Ion Ratio Lower Upper

45 100

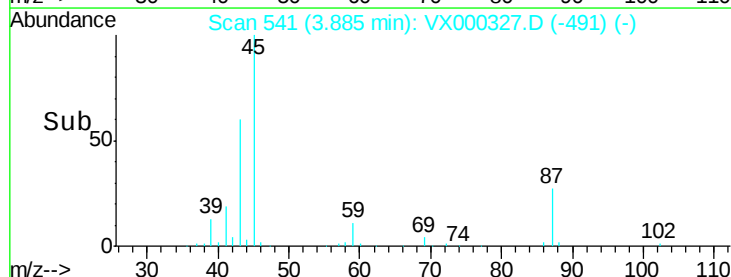
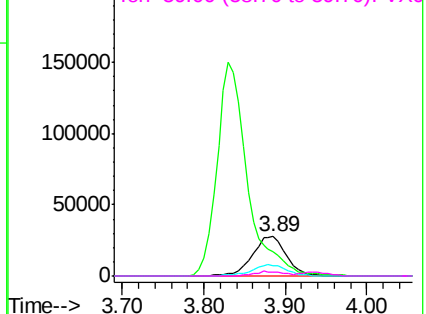
43 59.0 53.9 80.9

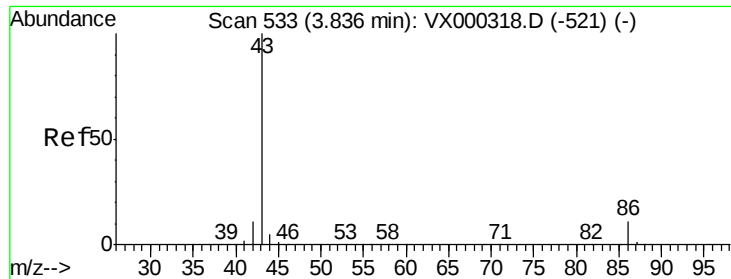
87 26.9 22.6 34.0

59 10.8 9.5 14.3



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 99.22 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

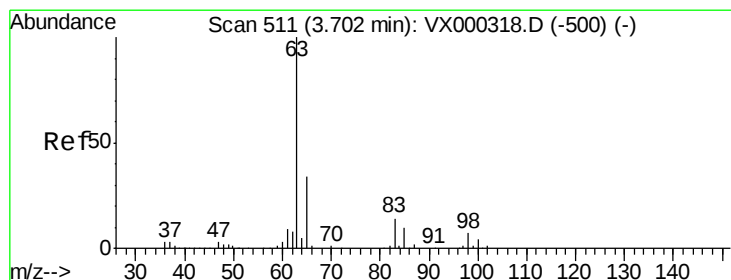
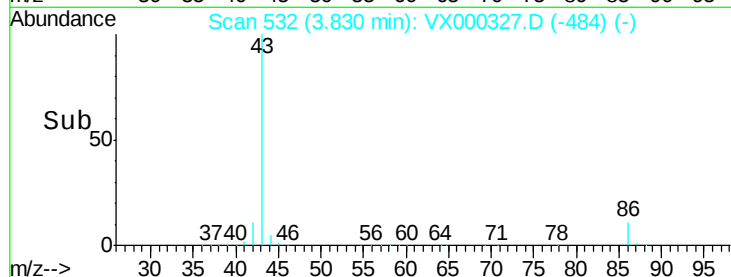
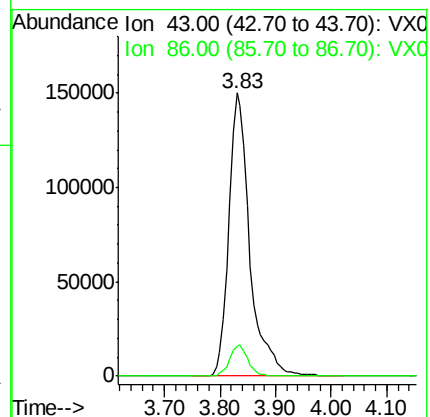
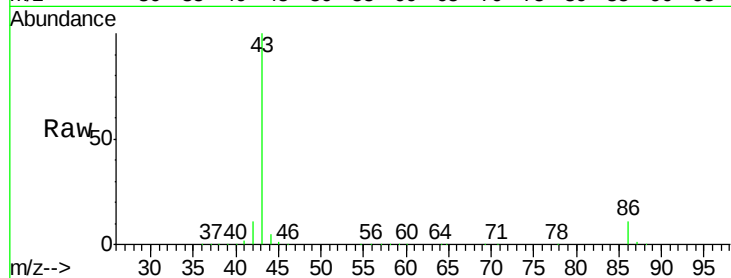
VX0315WBS01

Tgt Ion: 43 Resp: 391007

Ion Ratio Lower Upper

43 100

86 10.6 8.6 12.8



#24

1,1-Dichloroethane

Concen: 17.81 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

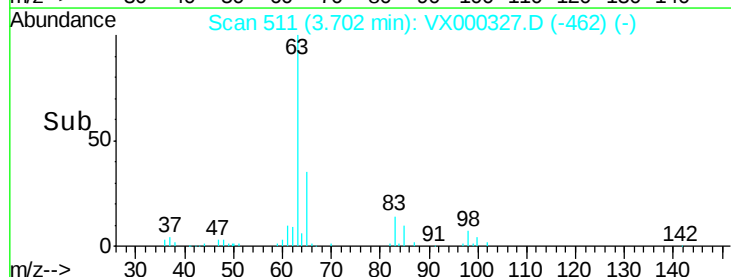
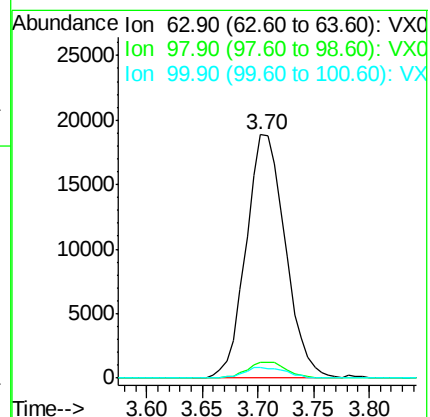
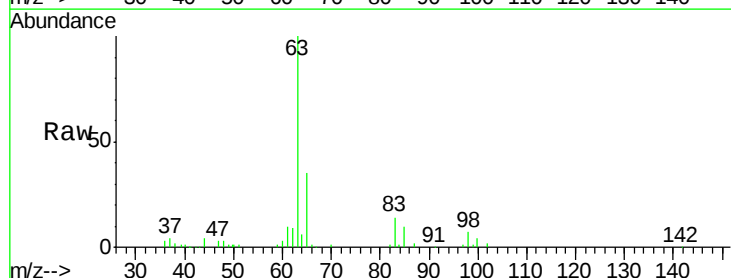
Tgt Ion: 63 Resp: 46336

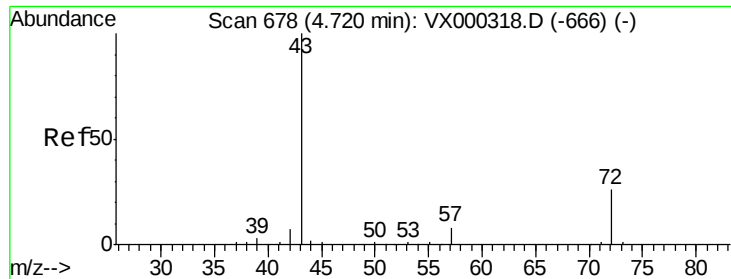
Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.9

100 4.4 2.0 5.8





#25

2-Butanone

Concen: 94.59 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Instrument :

MSVOA_X

ClientSampled :

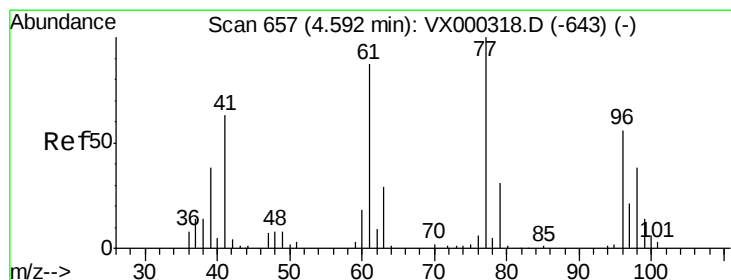
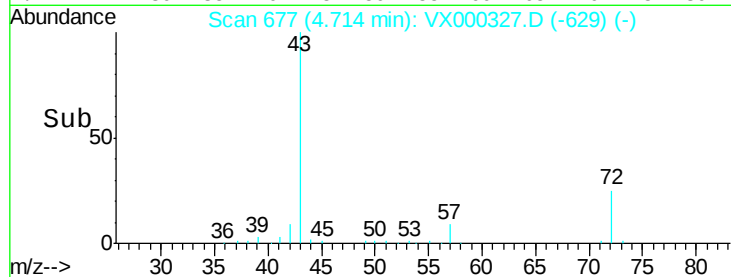
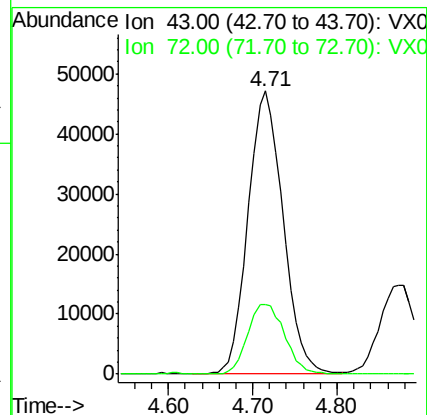
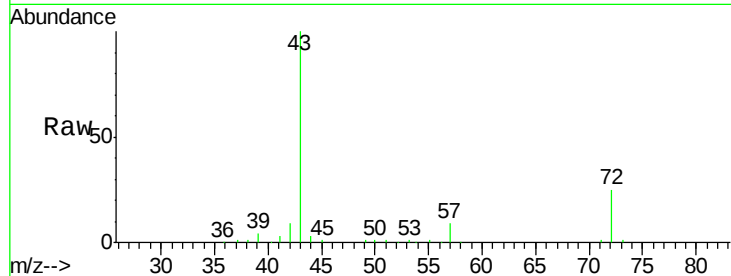
VX0315WBS01

Tgt Ion: 43 Resp: 133260

Ion Ratio Lower Upper

43 100

72 24.5 21.0 31.6



#26

2,2-Dichloropropane

Concen: 17.00 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000327.D

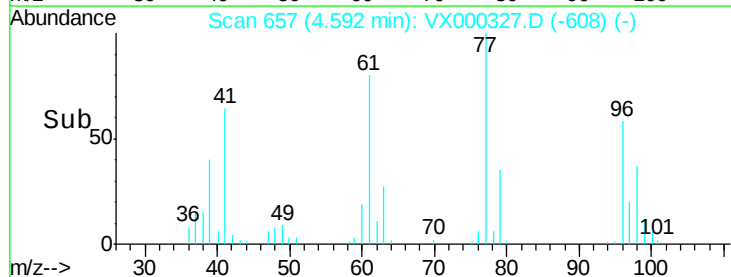
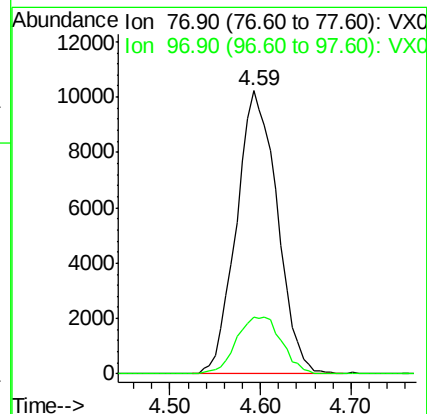
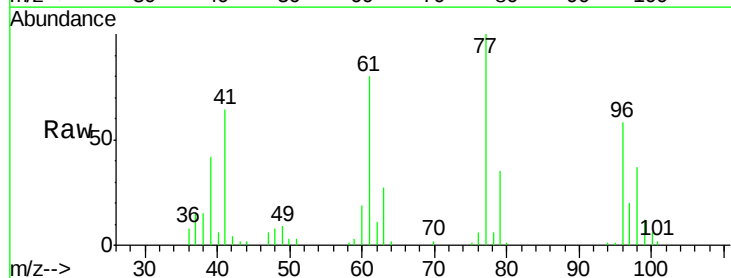
Acq: 15 Mar 2018 14:37

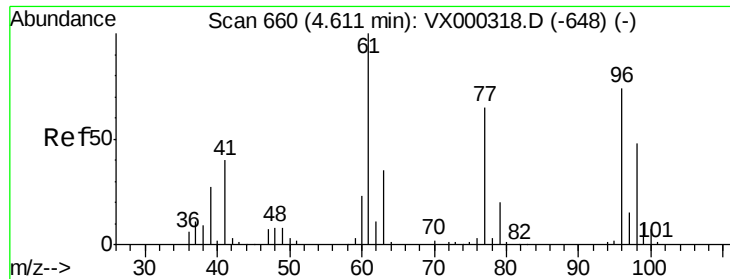
Tgt Ion: 77 Resp: 31908

Ion Ratio Lower Upper

77 100

97 22.2 11.3 33.8



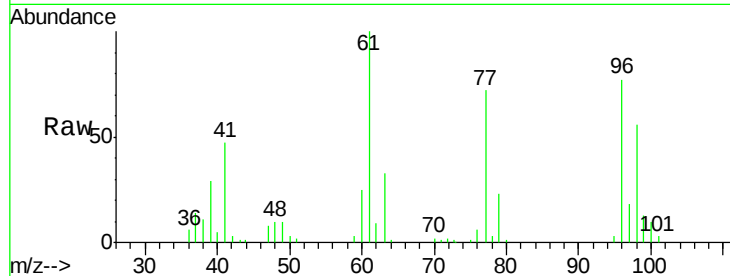


#27

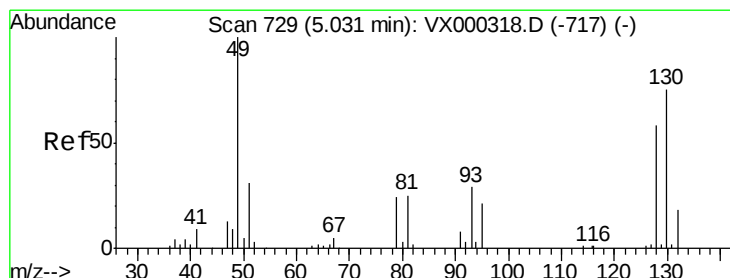
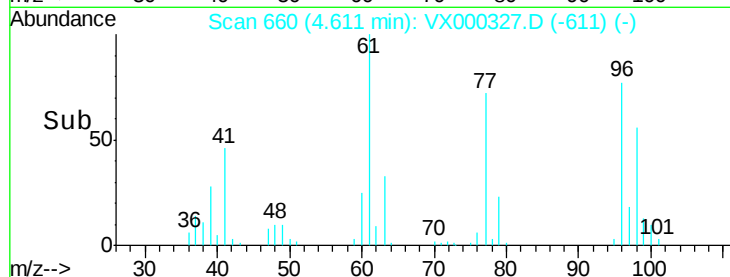
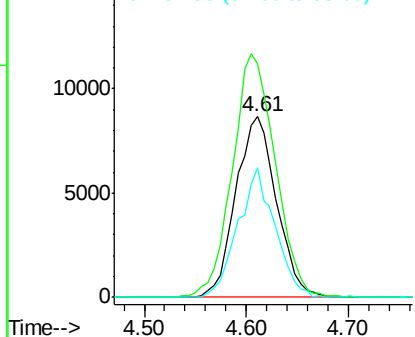
cis-1,2-Dichloroethene
Concen: 17.09 ug/l
RT: 4.61 min Scan# 660
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

Tgt Ion: 96 Resp: 24037
Ion Ratio Lower Upper
96 100
61 141.8 0.0 291.6
98 65.0 0.0 132.0



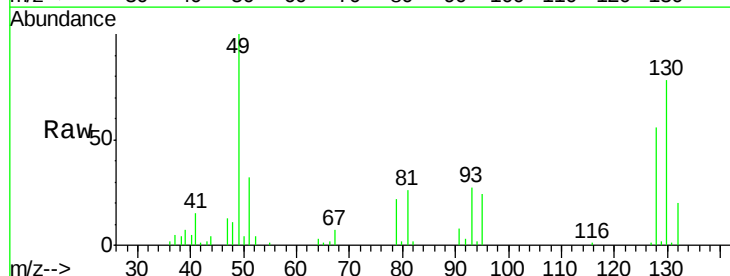
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



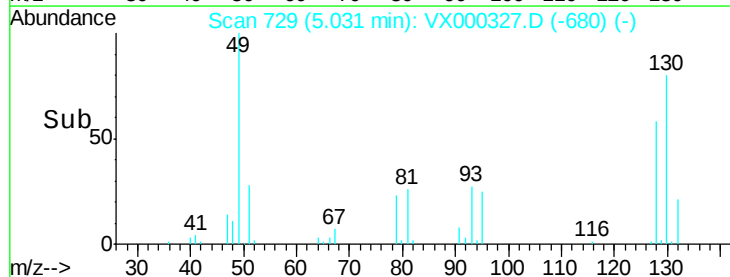
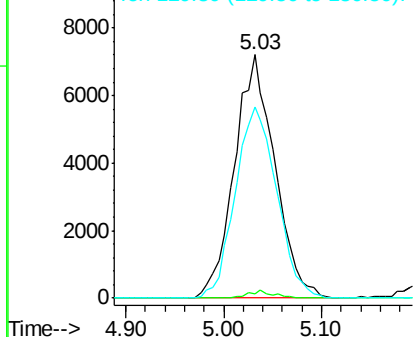
#28

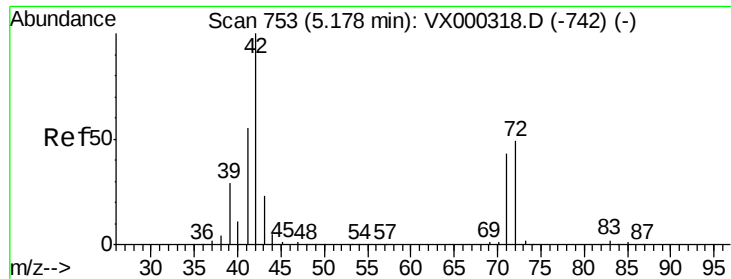
Bromochloromethane
Concen: 18.95 ug/l
RT: 5.03 min Scan# 729
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Tgt Ion: 49 Resp: 20719
Ion Ratio Lower Upper
49 100
129 1.9 0.0 5.0
130 80.1 64.0 96.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

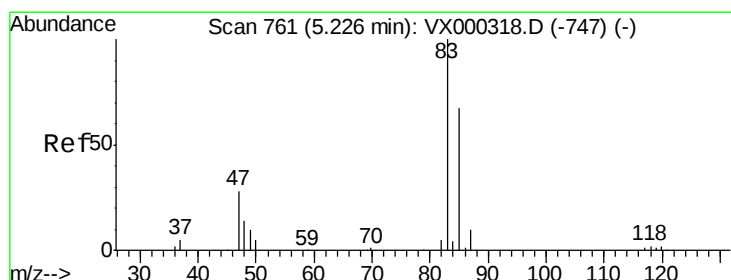
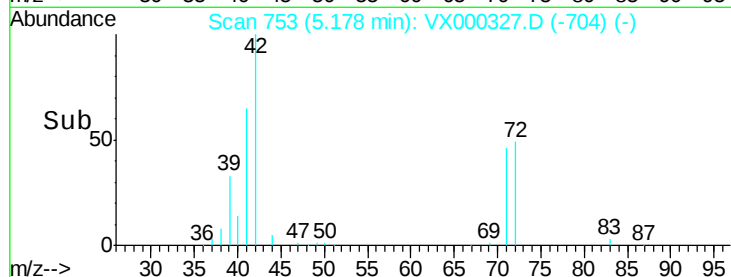
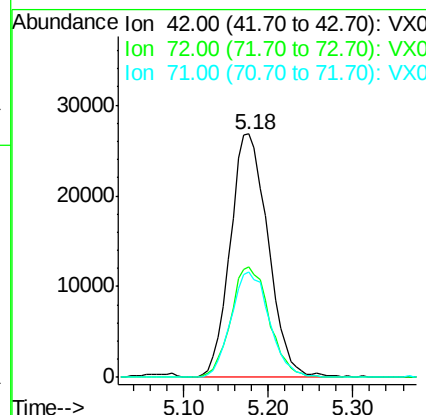
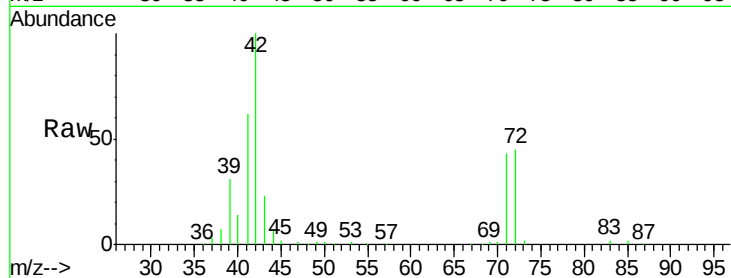




#29
Tetrahydrofuran
Concen: 90.57 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

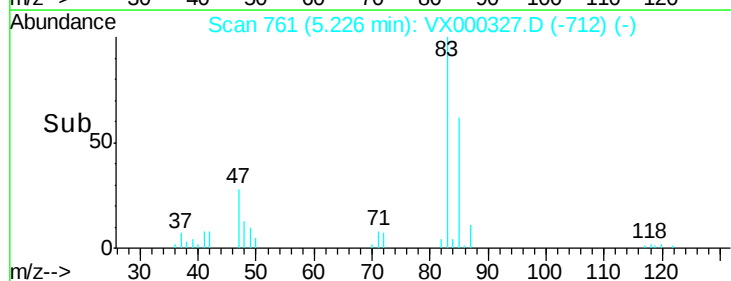
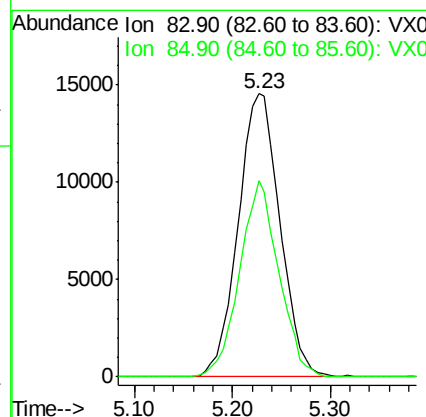
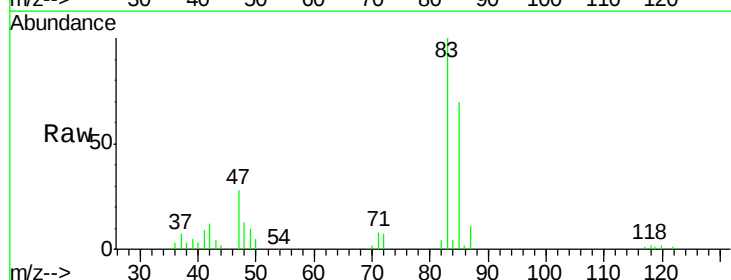
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

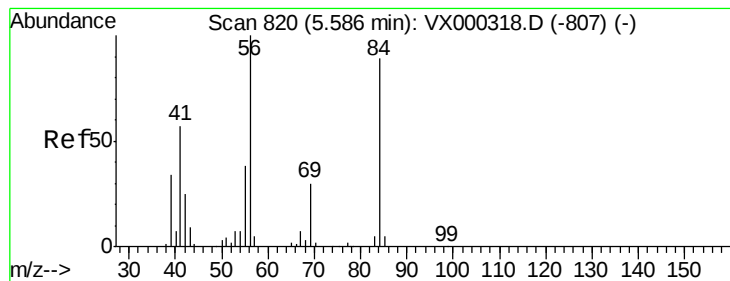
Tgt Ion: 42 Resp: 82126
Ion Ratio Lower Upper
42 100
72 45.9 37.9 56.9
71 43.6 34.4 51.6



#30
Chloroform
Concen: 17.53 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Tgt Ion: 83 Resp: 43040
Ion Ratio Lower Upper
83 100
85 69.5 53.3 79.9





#31

Cyclohexane

Concen: 16.37 ug/l

RT: 5.59 min Scan# 821

Delta R.T. 0.01 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS01

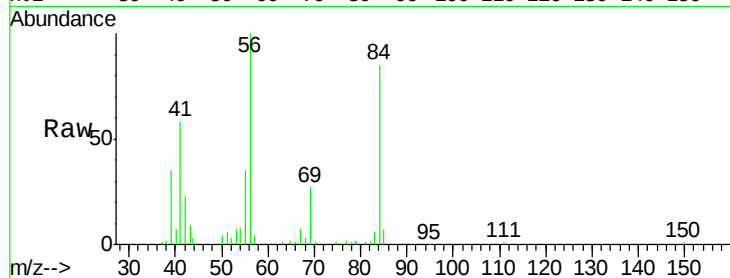
Tgt Ion: 56 Resp: 32673

Ion Ratio Lower Upper

56 100

69 26.8 23.4 35.0

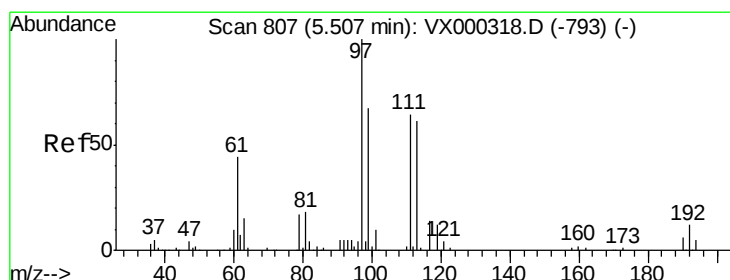
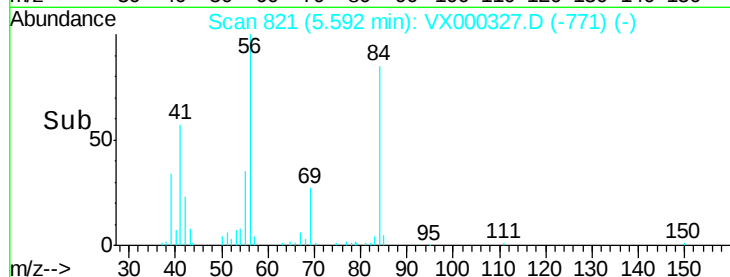
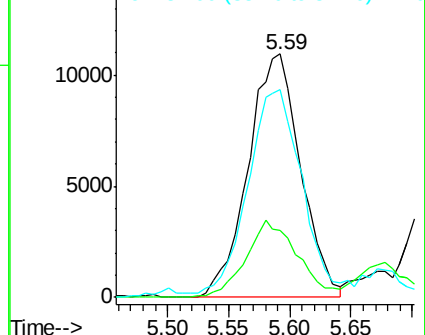
84 83.6 71.0 106.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 17.49 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

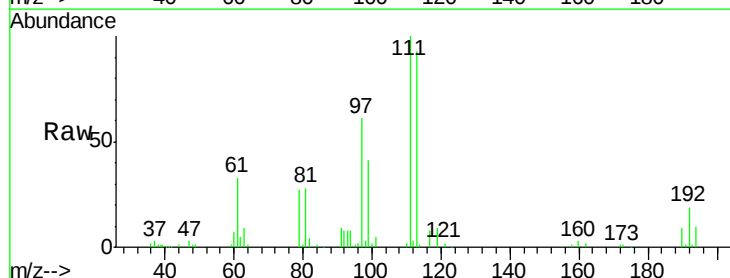
Tgt Ion: 97 Resp: 37961

Ion Ratio Lower Upper

97 100

99 65.6 52.1 78.1

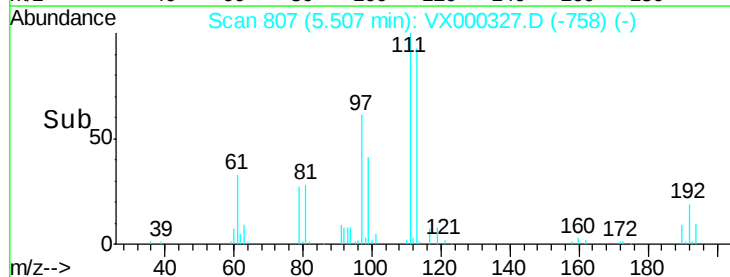
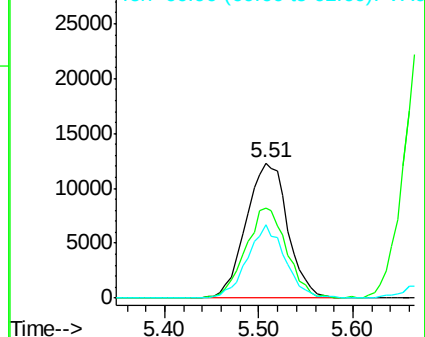
61 48.7 36.2 54.4

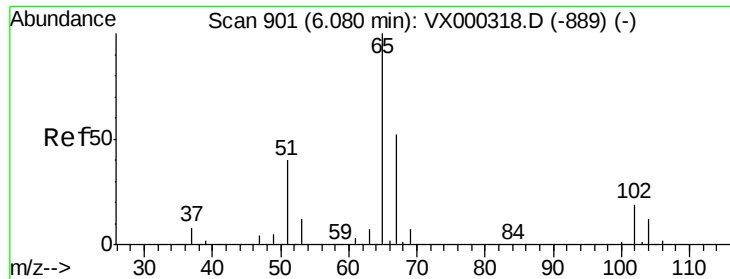


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

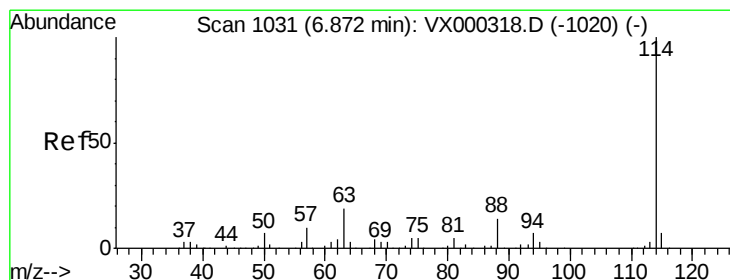
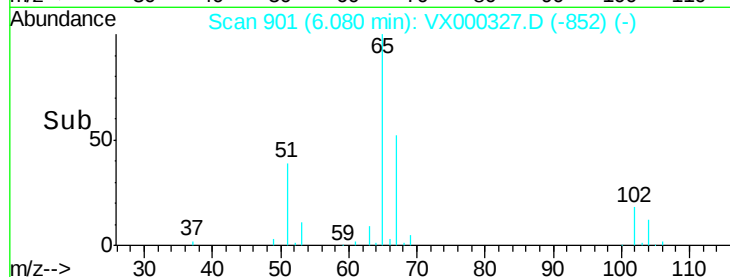
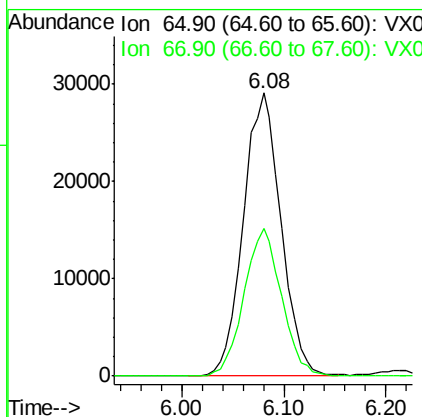
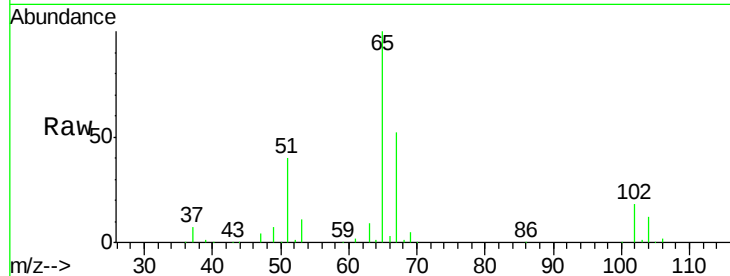




#33
 1,2-Dichloroethane-d4
 Concen: 42.22 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000327.D
 Acq: 15 Mar 2018 14:37

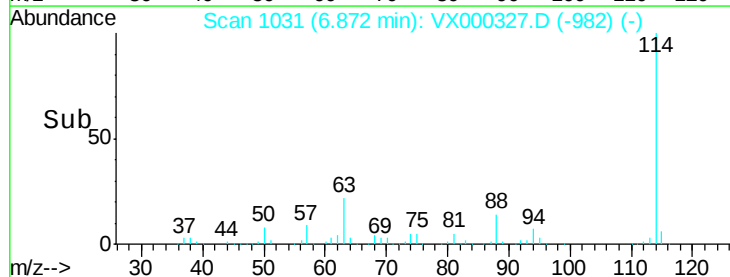
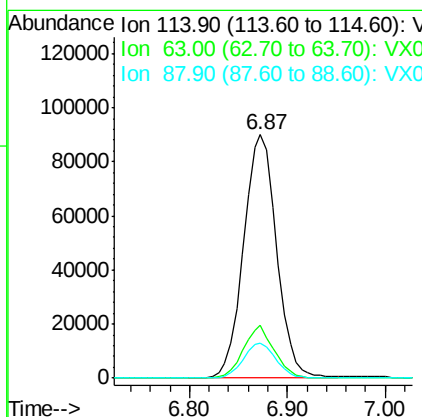
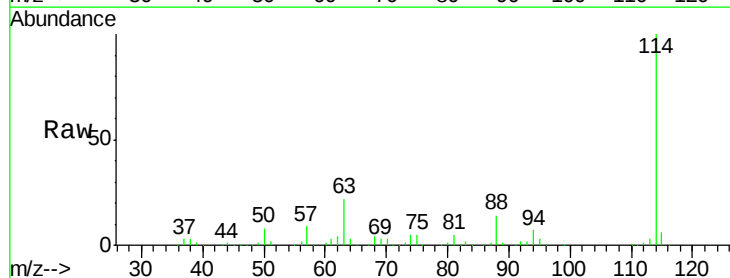
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS01

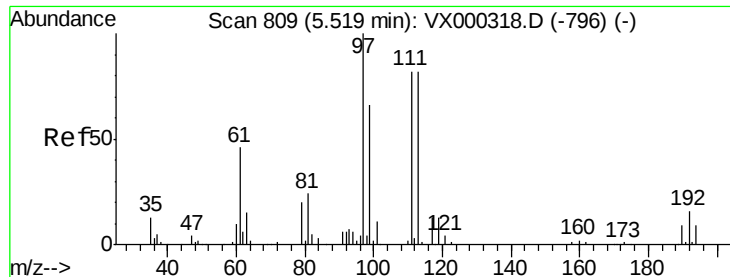
Tgt Ion: 65 Resp: 74534
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000327.D
 Acq: 15 Mar 2018 14:37

Tgt Ion: 114 Resp: 210539
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 38.4
 88 14.2 0.0 27.0

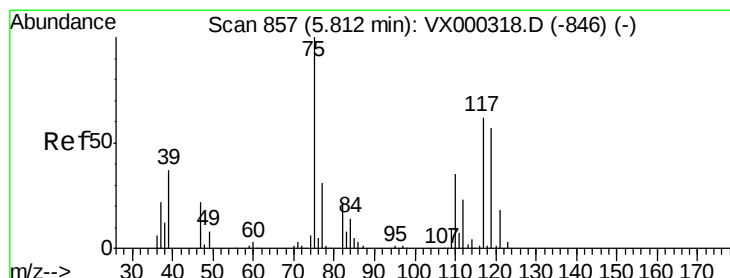
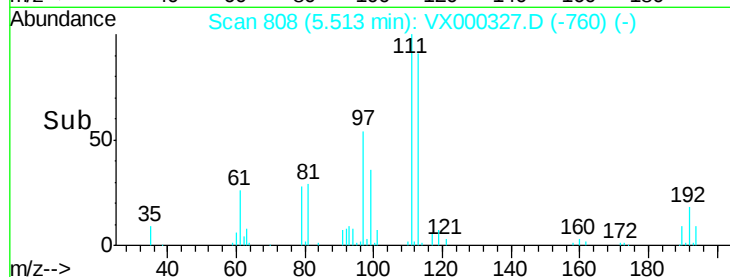
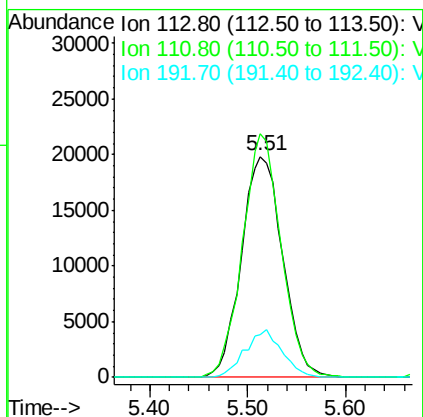
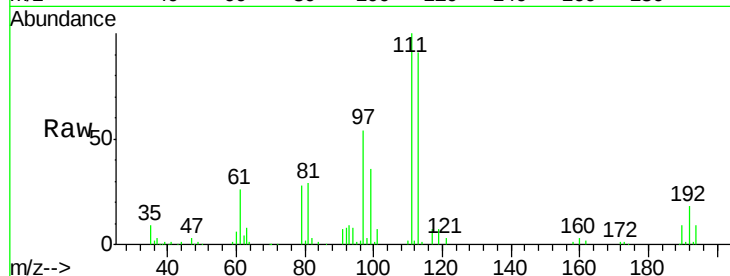




#35
 Dibromofluoromethane
 Concen: 43.62 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: VX000327.D
 Acq: 15 Mar 2018 14:37

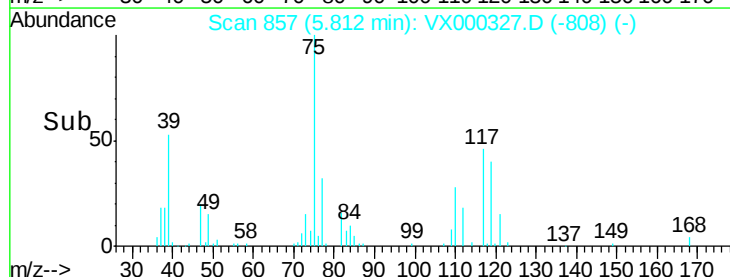
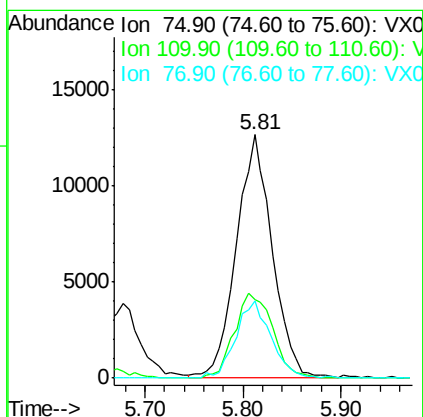
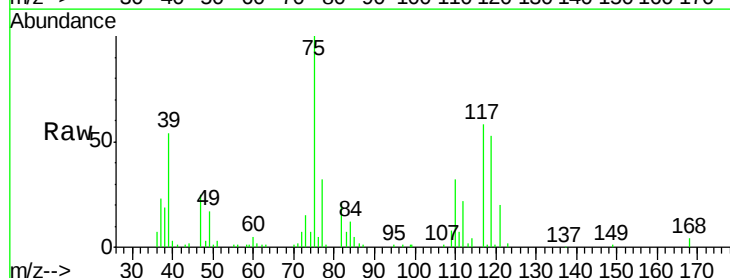
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS01

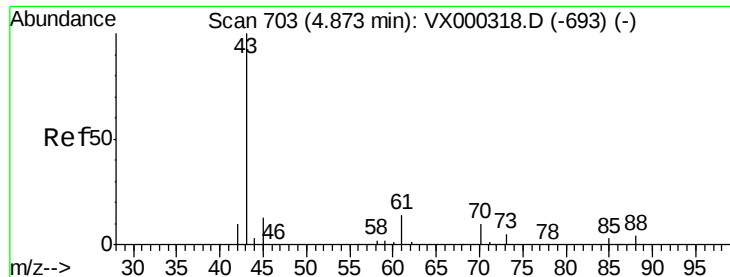
Tgt Ion:113 Resp: 57942
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.4 123.6
 192 19.5 15.8 23.6



#36
 1,1-Dichloropropene
 Concen: 16.82 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: VX000327.D
 Acq: 15 Mar 2018 14:37

Tgt Ion: 75 Resp: 32183
 Ion Ratio Lower Upper
 75 100
 110 37.2 17.9 53.7
 77 30.9 24.0 36.0

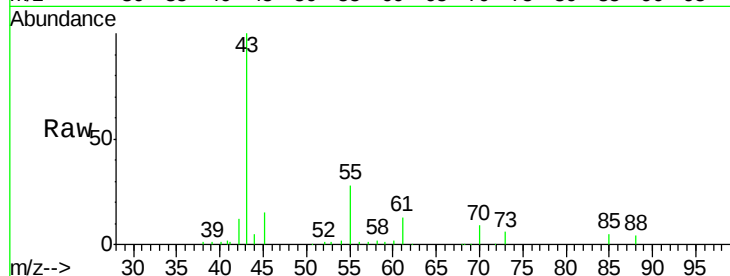




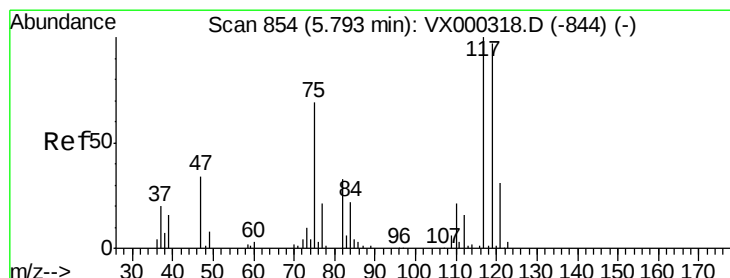
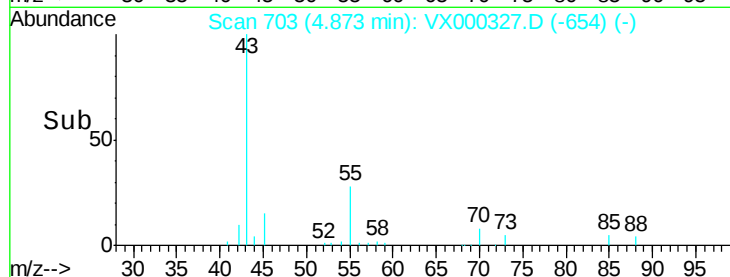
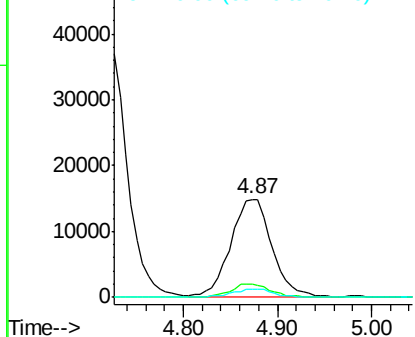
#37
Ethyl Acetate
Concen: 17.76 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

Tgt Ion: 43 Resp: 45154
Ion Ratio Lower Upper
43 100
61 13.5 11.1 16.7
70 8.6 7.7 11.5

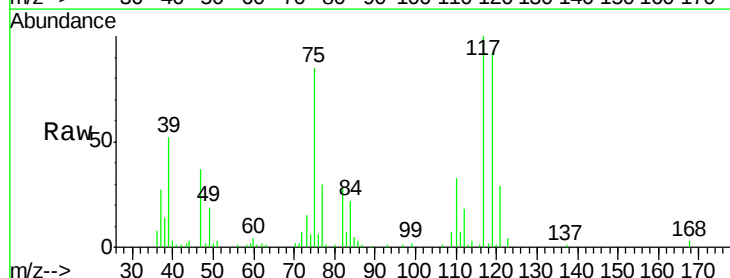


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

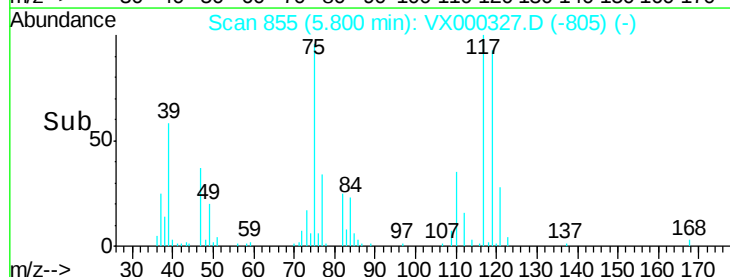
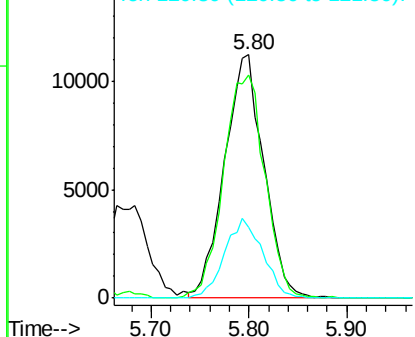


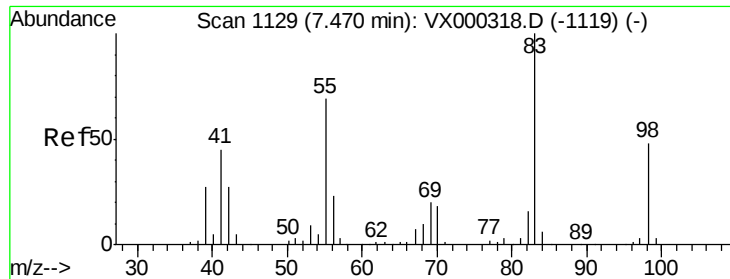
#38
Carbon Tetrachloride
Concen: 16.22 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.01 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Tgt Ion: 117 Resp: 31276
Ion Ratio Lower Upper
117 100
119 91.9 77.4 116.2
121 29.3 24.8 37.2



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

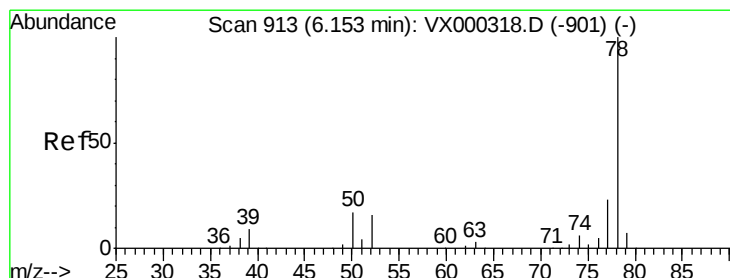
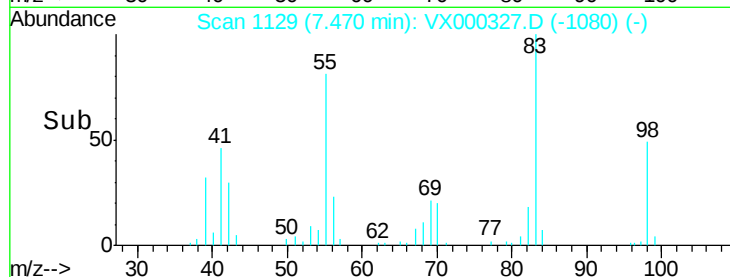
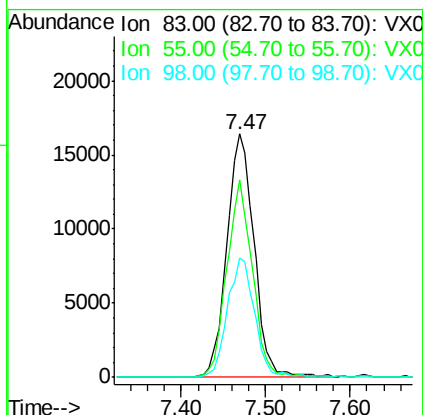
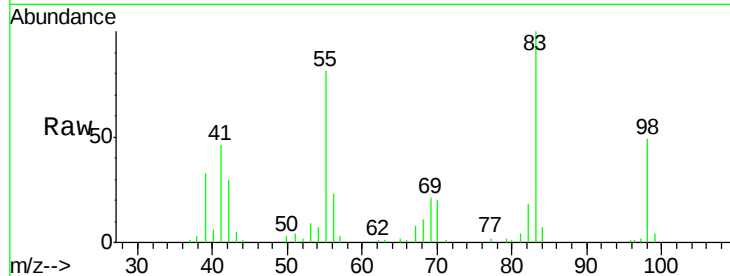




#39
Methylcyclohexane
Concen: 16.22 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

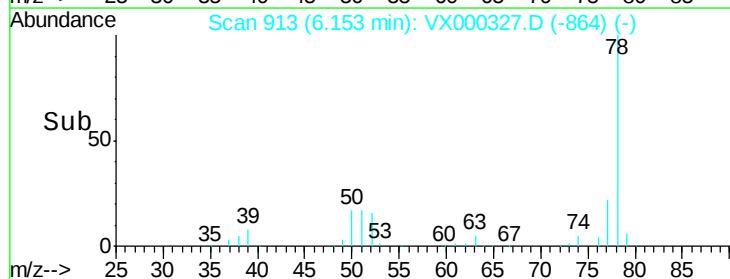
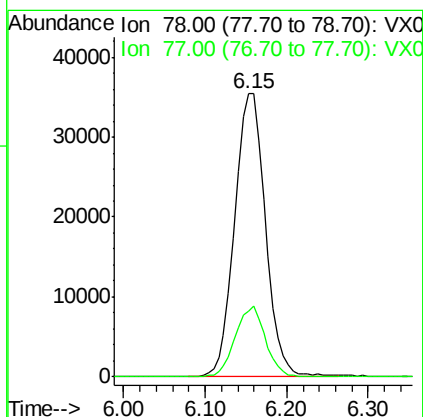
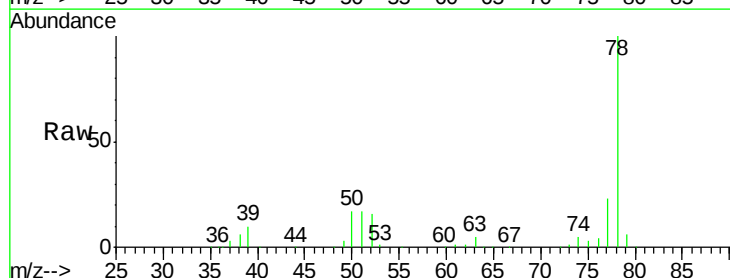
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

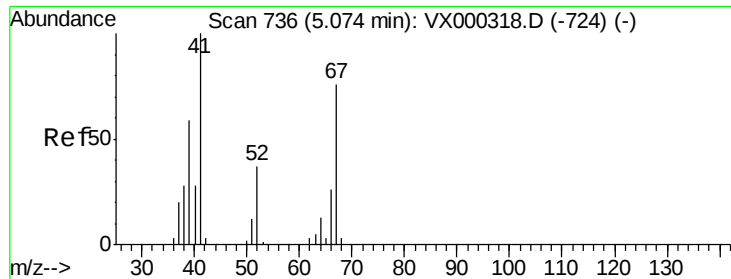
Tgt Ion: 83 Resp: 36181
Ion Ratio Lower Upper
83 100
55 81.3 55.5 83.3
98 49.2 38.2 57.4



#40
Benzene
Concen: 17.11 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Tgt Ion: 78 Resp: 92886
Ion Ratio Lower Upper
78 100
77 23.1 18.7 28.1





#41

Methacrylonitrile

Concen: 17.67 ug/l

RT: 5.07 min Scan# 736

Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Instrument :

MSVOA_X

ClientSampled :

VX0315WBS01

Tgt Ion: 41 Resp: 23589

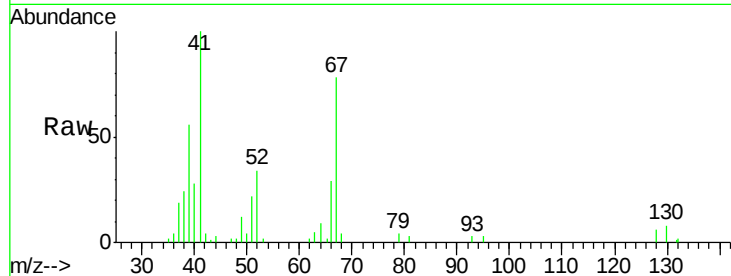
Ion Ratio Lower Upper

41 100

39 58.7 45.7 68.5

67 71.2 57.8 86.8

52 32.9 26.7 40.1

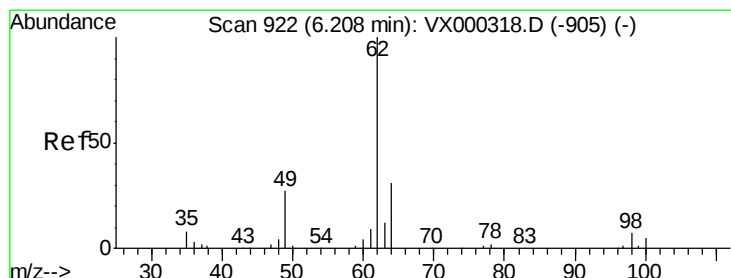
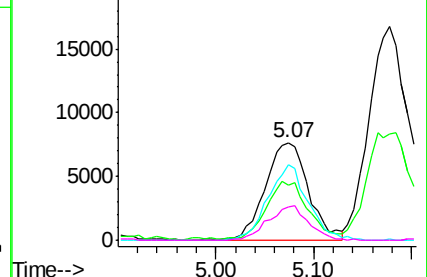
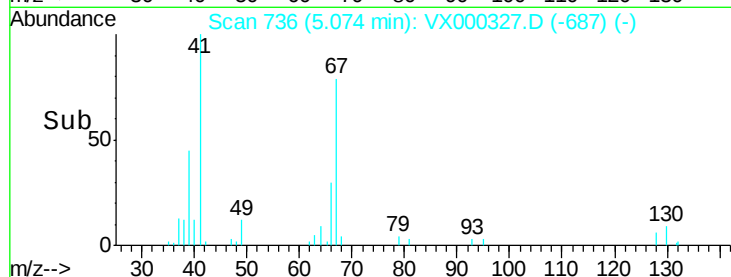


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 17.30 ug/l

RT: 6.21 min Scan# 923

Delta R.T. 0.01 min

Lab File: VX000327.D

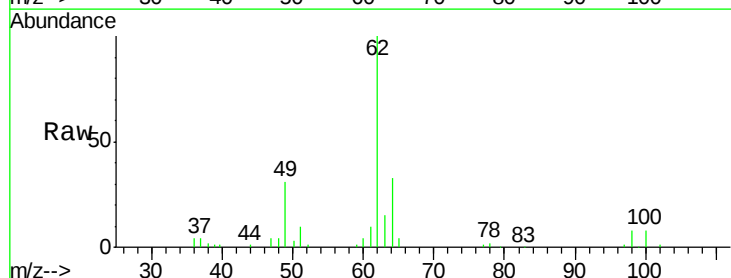
Acq: 15 Mar 2018 14:37

Tgt Ion: 62 Resp: 37217

Ion Ratio Lower Upper

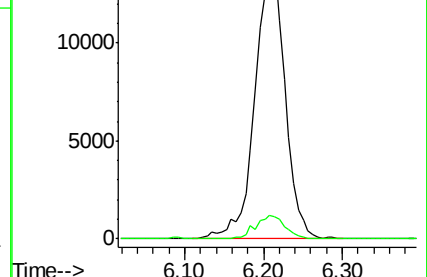
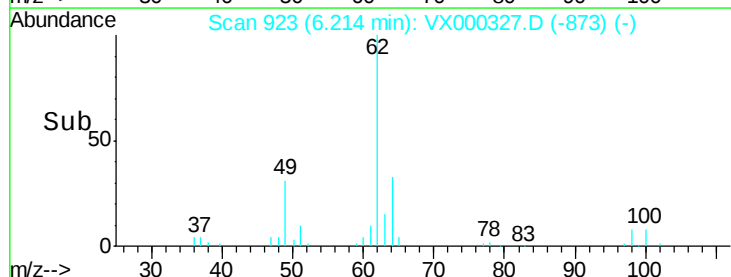
62 100

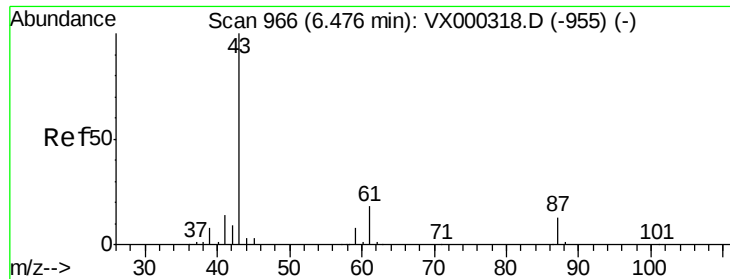
98 8.3 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.28 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS01

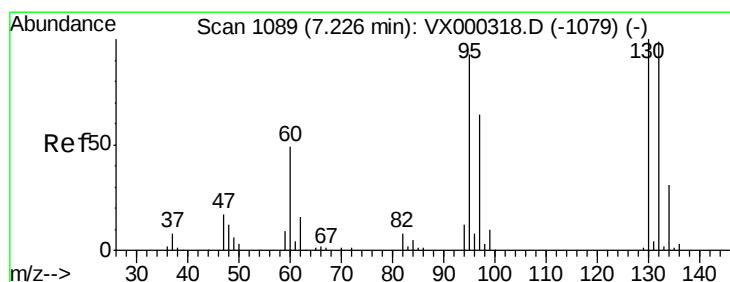
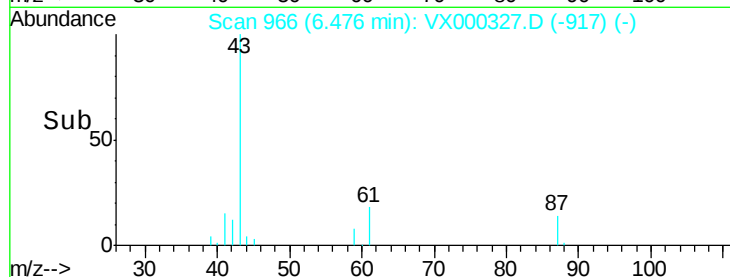
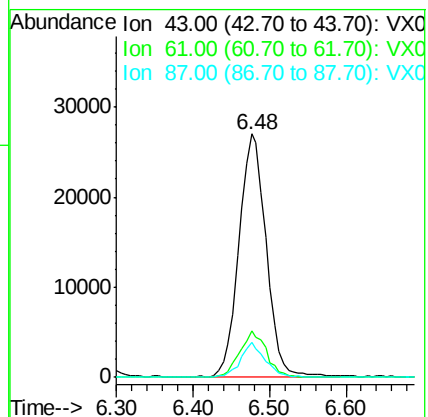
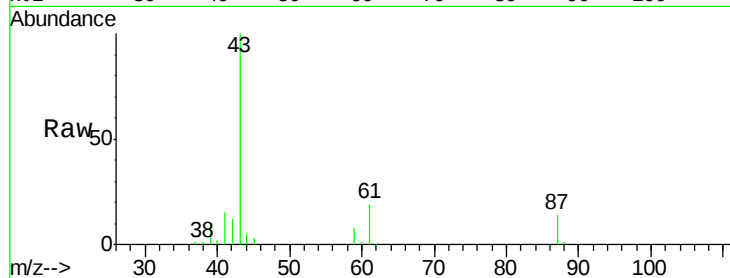
Tgt Ion: 43 Resp: 67065

Ion Ratio Lower Upper

43 100

61 18.5 14.4 21.6

87 12.8 11.0 16.4



#44

Trichloroethene

Concen: 17.02 ug/l

RT: 7.23 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VX000327.D

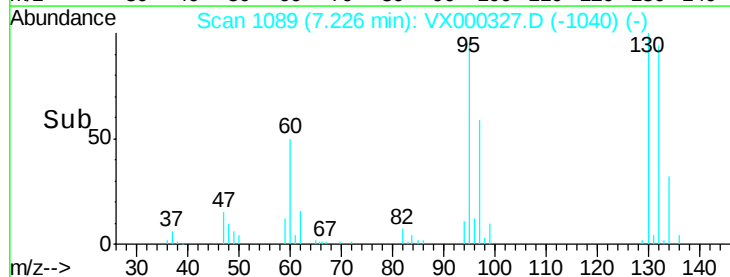
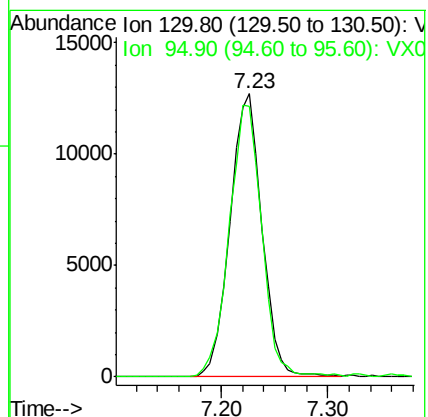
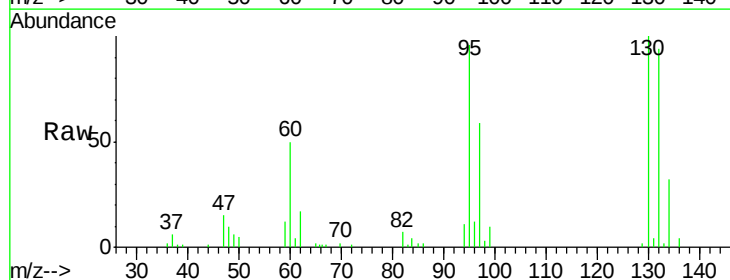
Acq: 15 Mar 2018 14:37

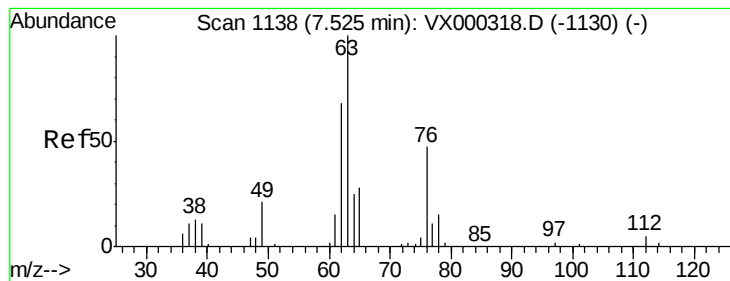
Tgt Ion: 130 Resp: 26773

Ion Ratio Lower Upper

130 100

95 95.7 0.0 186.0





#45

1,2-Dichloropropane

Concen: 18.44 ug/l

RT: 7.53 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Instrument :

MSVOA_X

ClientSampled :

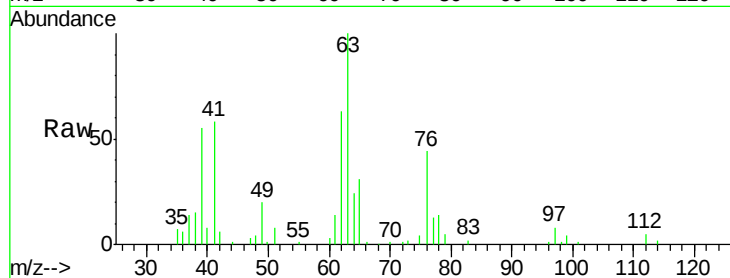
VX0315WBS01

Tgt Ion: 63 Resp: 24683

Ion Ratio Lower Upper

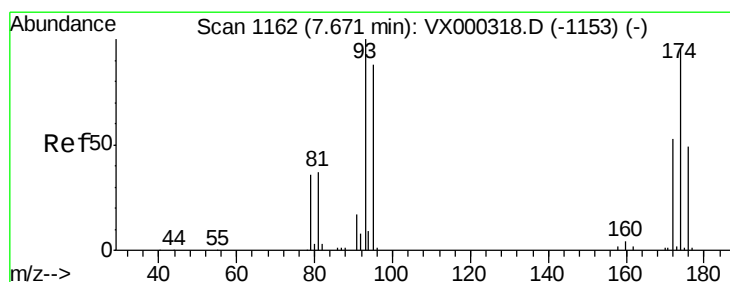
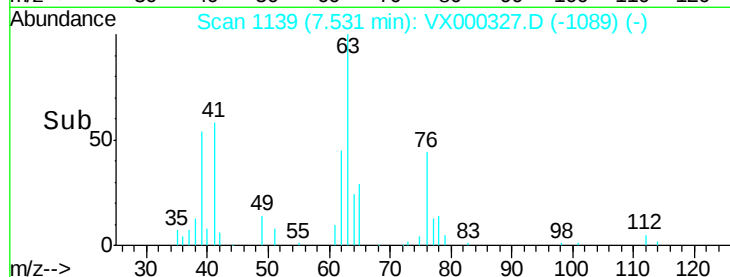
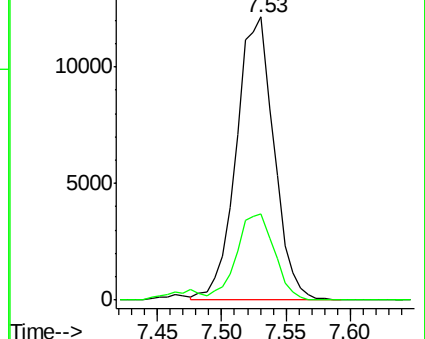
63 100

65 30.7 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 17.66 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

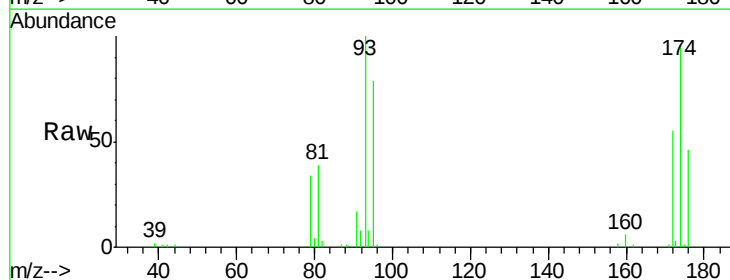
Tgt Ion: 93 Resp: 18992

Ion Ratio Lower Upper

93 100

95 82.6 66.5 99.7

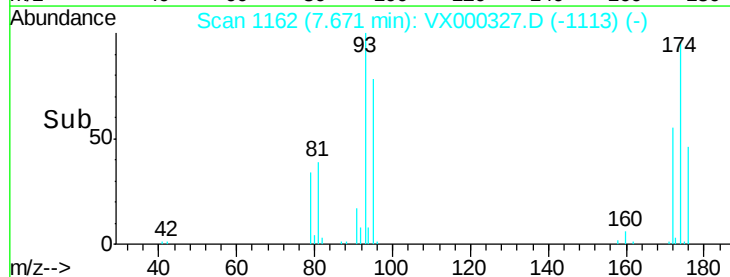
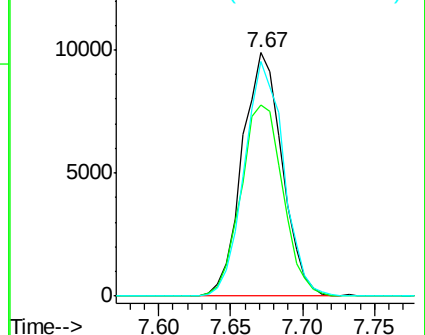
174 95.0 76.0 114.0

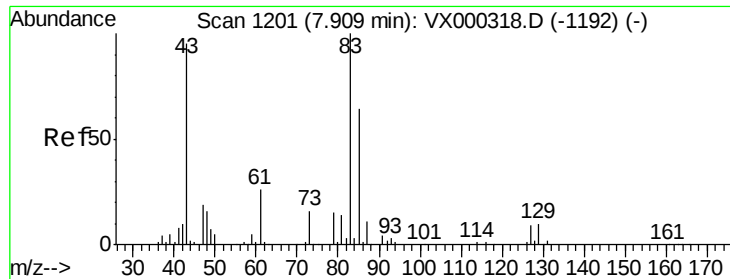


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.11 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Instrument :

MSVOA_X

ClientSampled :

VX0315WBS01

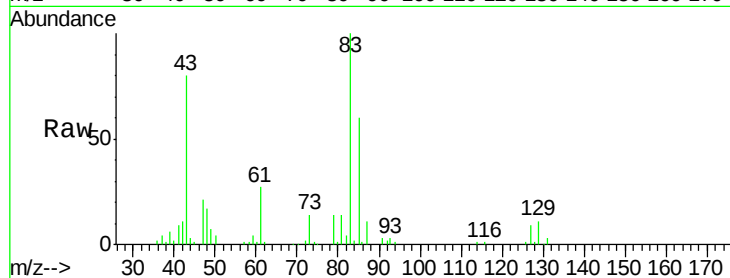
Tgt Ion: 83 Resp: 34574

Ion Ratio Lower Upper

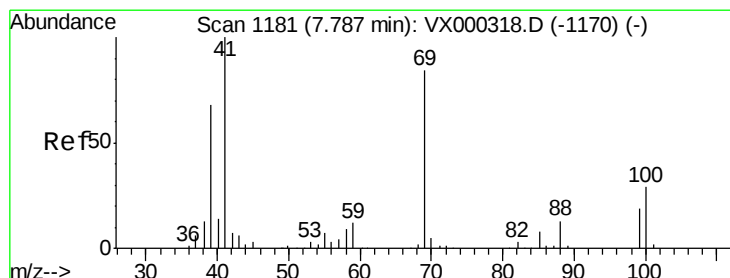
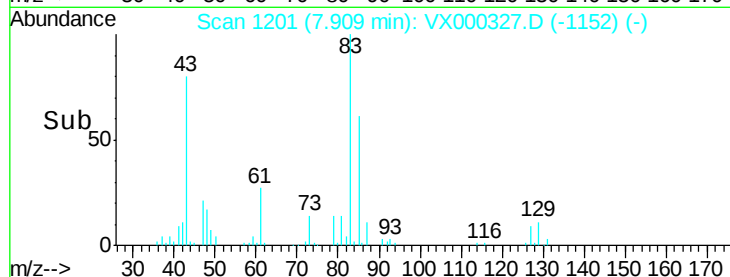
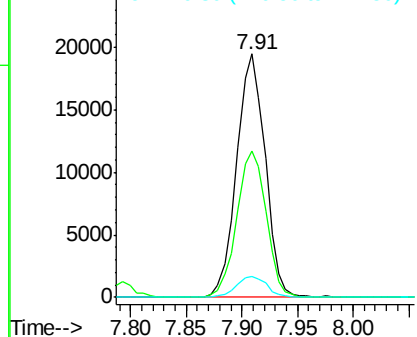
83 100

85 60.3 51.4 77.0

127 8.7 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.20 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

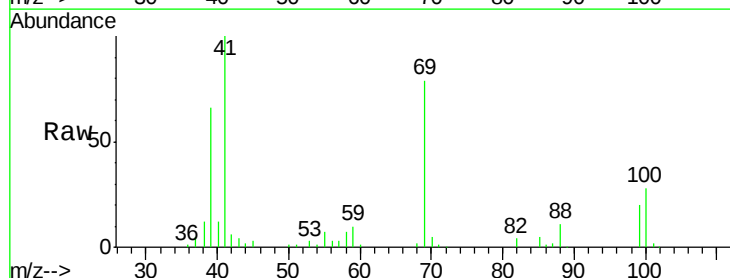
Tgt Ion: 41 Resp: 33768

Ion Ratio Lower Upper

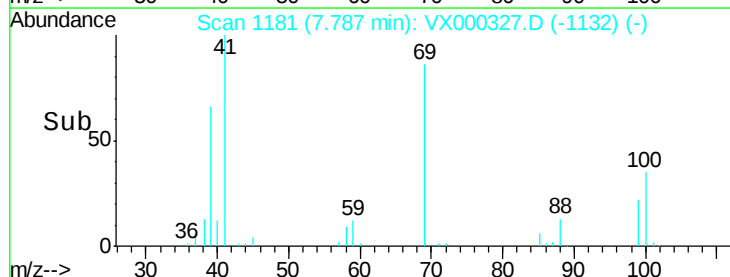
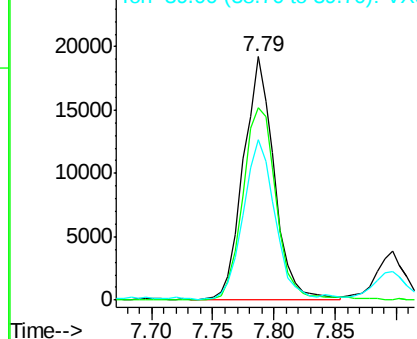
41 100

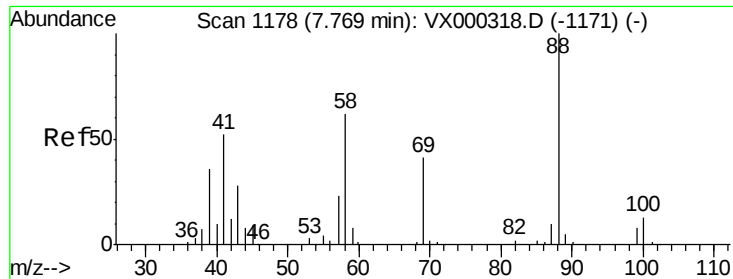
69 84.5 68.2 102.4

39 66.7 54.6 81.8



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

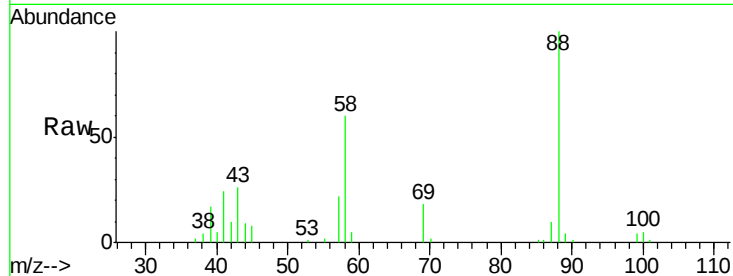




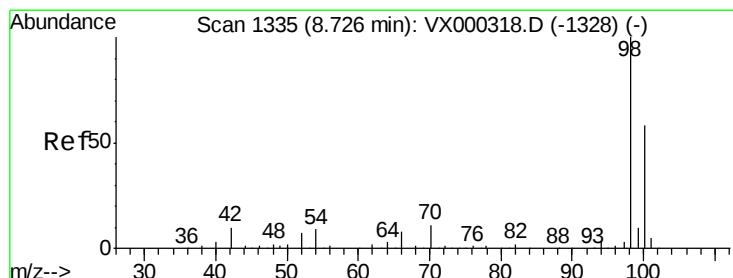
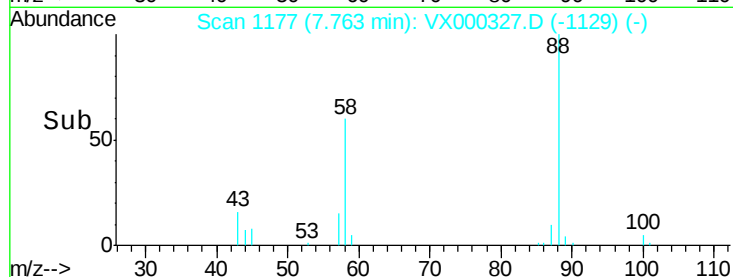
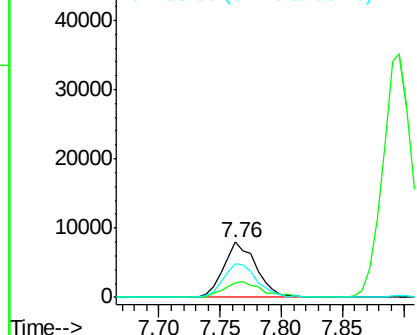
#49
1,4-Dioxane
Concen: 354.59 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

Tgt Ion: 88 Resp: 14802
Ion Ratio Lower Upper
88 100
43 32.8 26.8 40.2
58 62.4 52.2 78.2

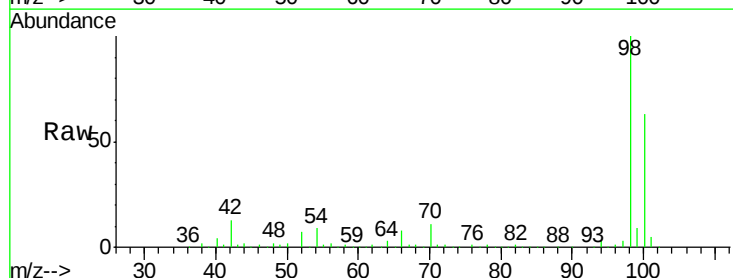


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

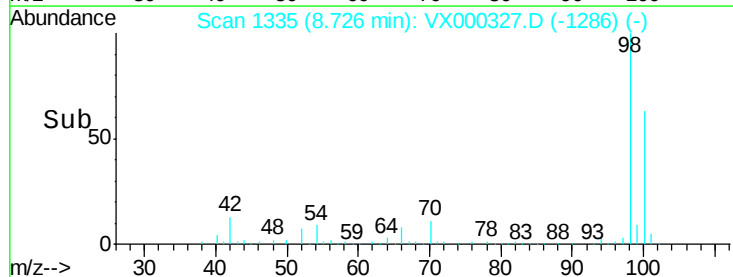
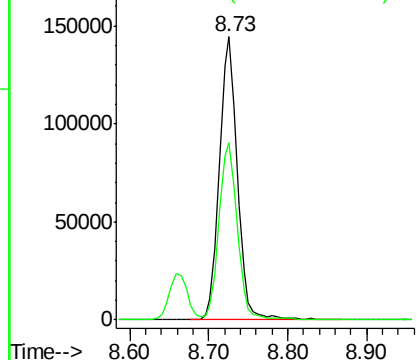


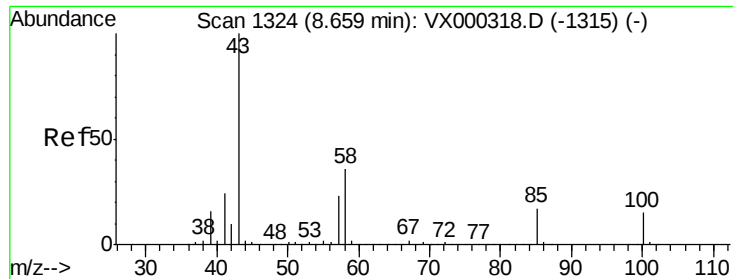
#50
Toluene-d8
Concen: 41.56 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Tgt Ion: 98 Resp: 230279
Ion Ratio Lower Upper
98 100
100 63.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 91.85 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

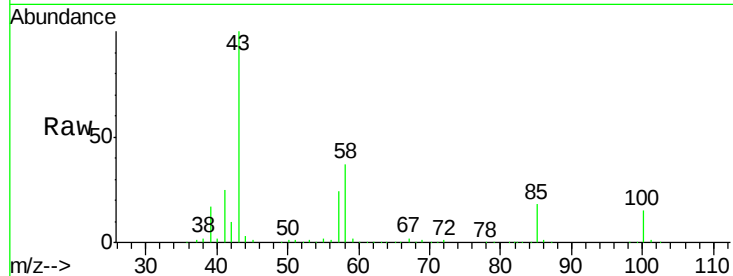
VX0315WBS01

Tgt Ion: 43 Resp: 261739

Ion Ratio Lower Upper

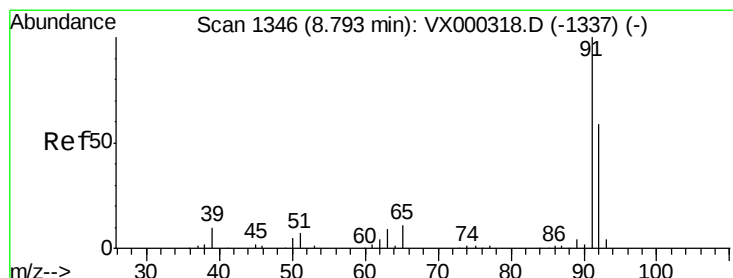
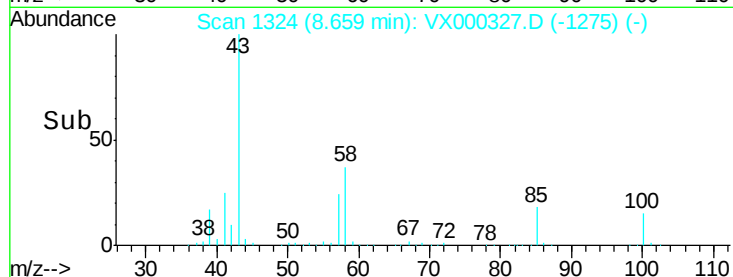
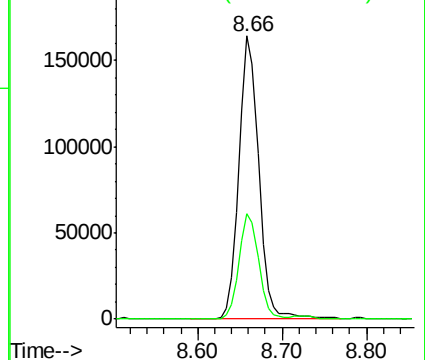
43 100

58 36.6 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 16.88 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000327.D

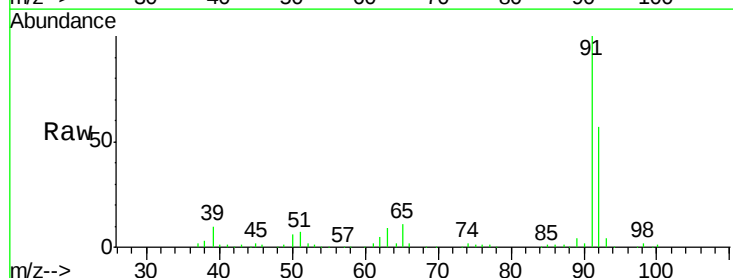
Acq: 15 Mar 2018 14:37

Tgt Ion: 92 Resp: 64358

Ion Ratio Lower Upper

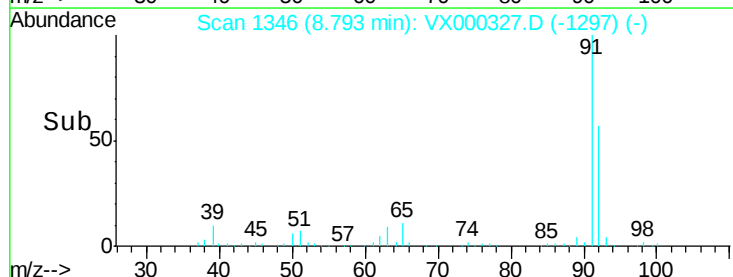
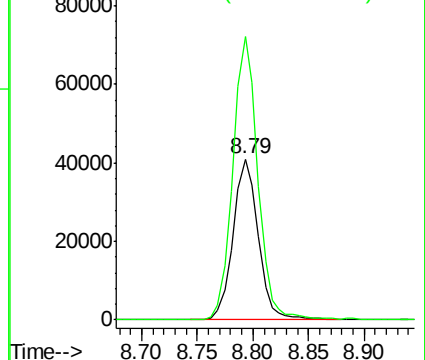
92 100

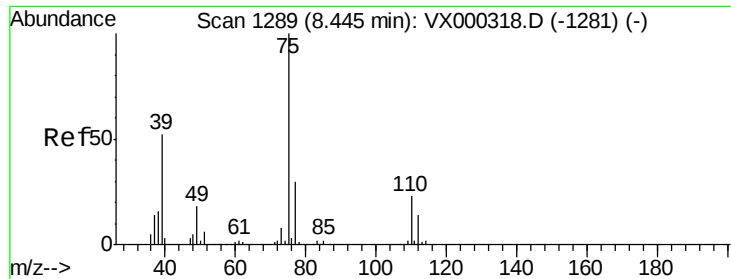
91 174.7 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 18.06 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Instrument :

MSVOA_X

ClientSampled :

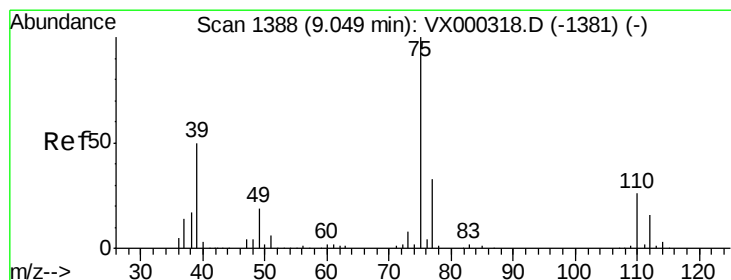
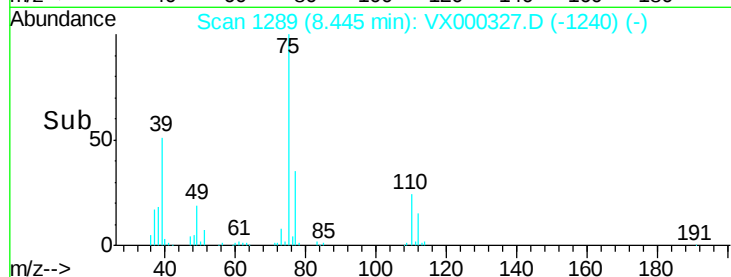
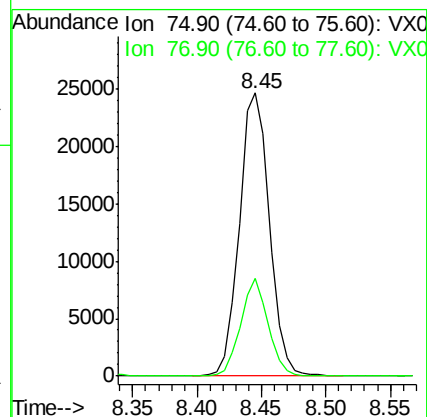
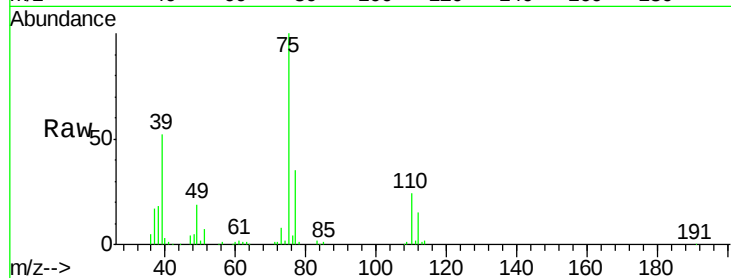
VX0315WBS01

Tgt Ion: 75 Resp: 39789

Ion Ratio Lower Upper

75 100

77 34.6 24.0 36.0



#54

cis-1,3-Dichloropropene

Concen: 17.96 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

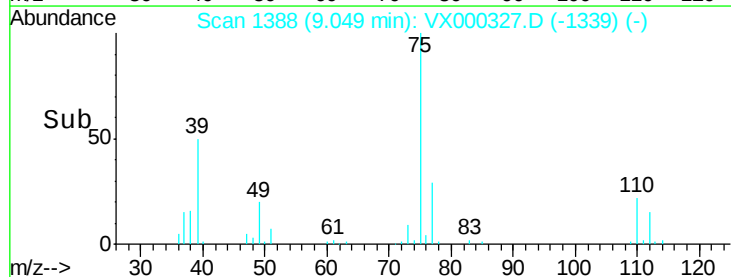
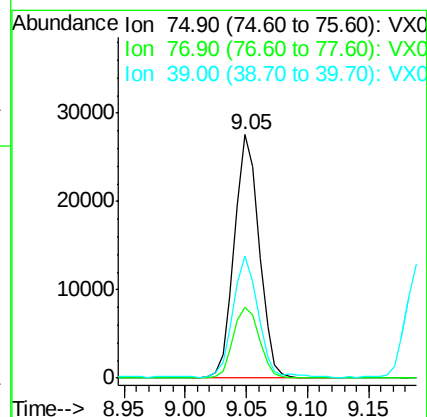
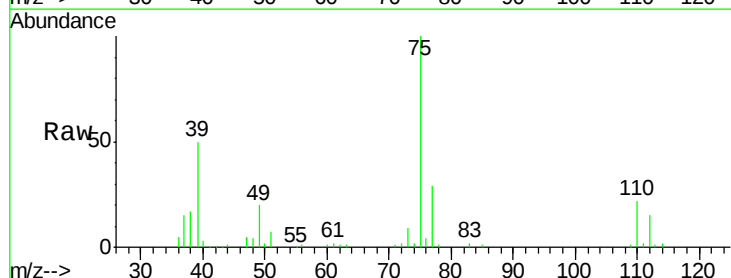
Tgt Ion: 75 Resp: 38687

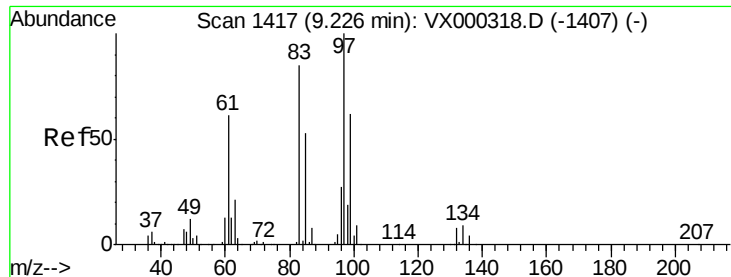
Ion Ratio Lower Upper

75 100

77 29.3 26.1 39.1

39 49.9 39.8 59.6

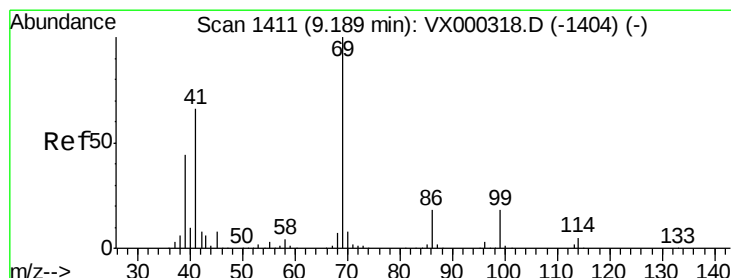
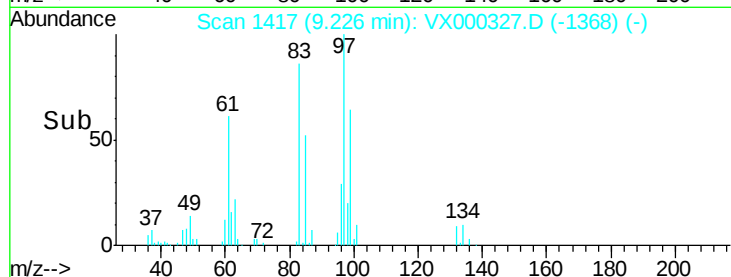
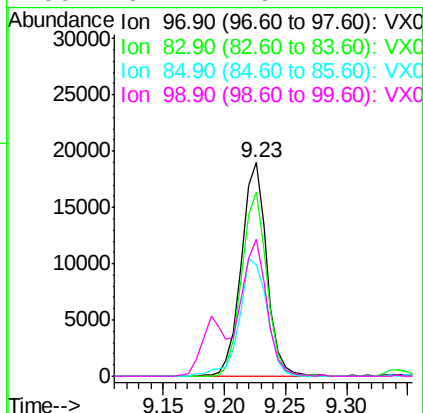
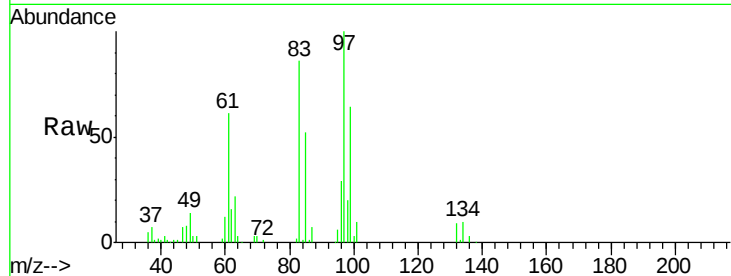




#55
 1,1,2-Trichloroethane
 Concen: 17.89 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000327.D
 Acq: 15 Mar 2018 14:37

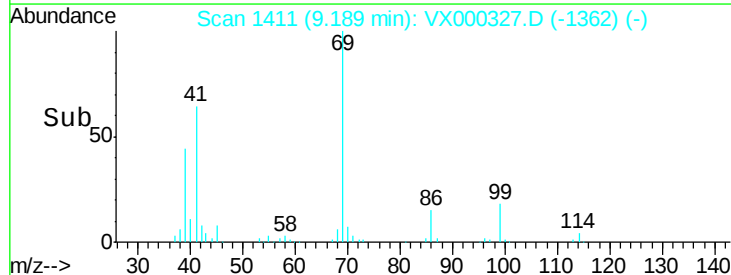
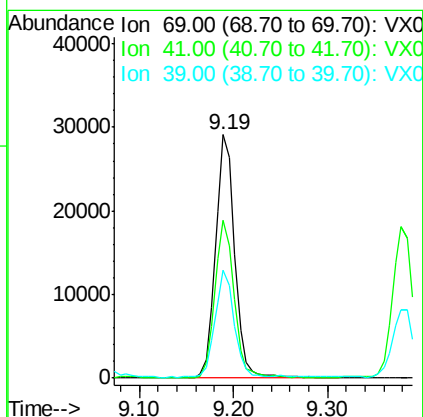
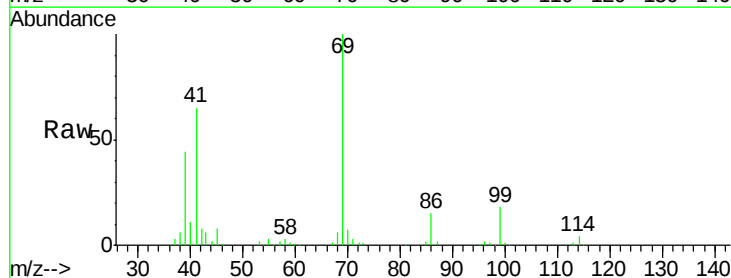
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS01

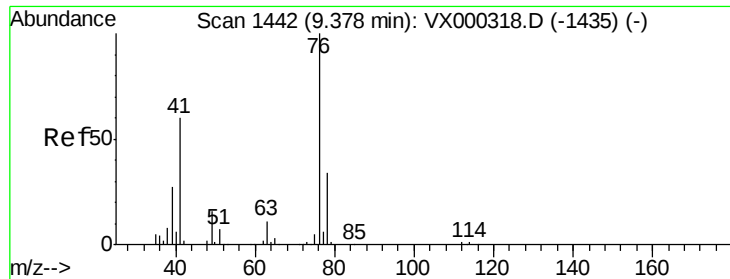
Tgt Ion:	97	Resp:	27373
Ion	Ratio	Lower	Upper
97	100		
83	86.1	67.9	101.9
85	52.4	42.8	64.2
99	64.1	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 18.19 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000327.D
 Acq: 15 Mar 2018 14:37

Tgt Ion:	69	Resp:	41211
Ion	Ratio	Lower	Upper
69	100		
41	65.6	53.0	79.6
39	44.2	35.3	52.9

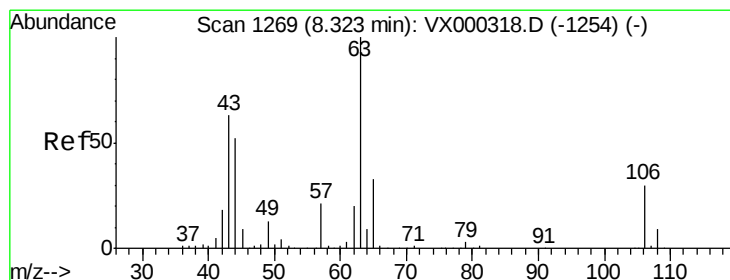
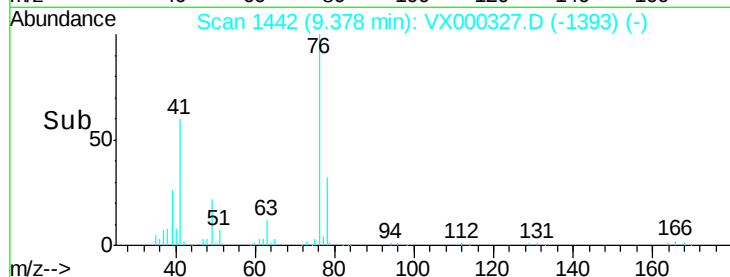
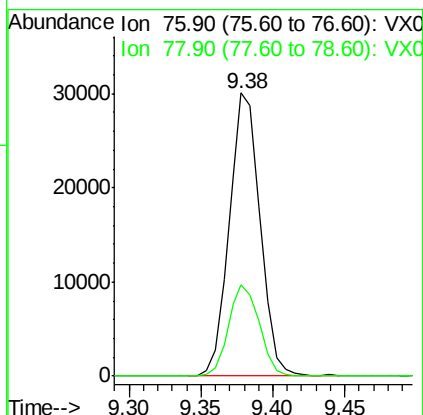
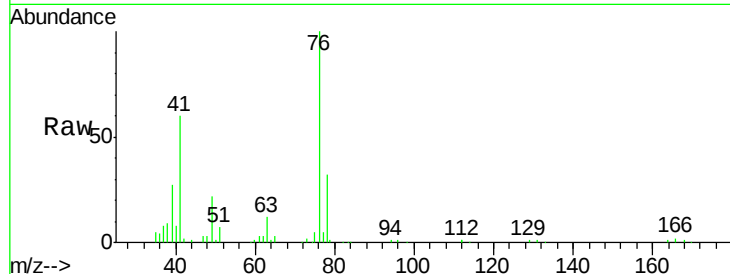




#57
 1,3-Dichloropropane
 Concen: 18.15 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000327.D
 Acq: 15 Mar 2018 14:37

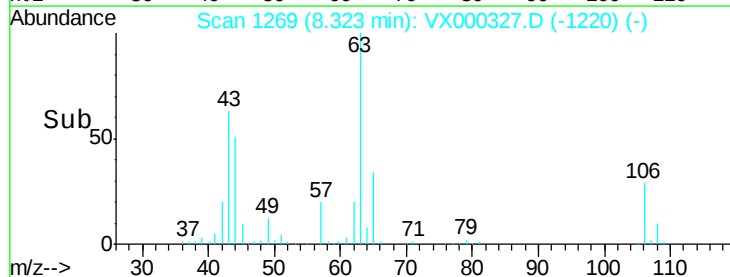
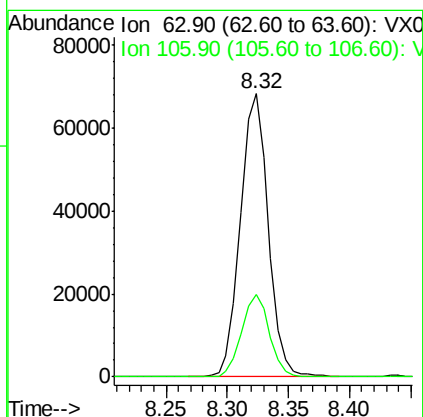
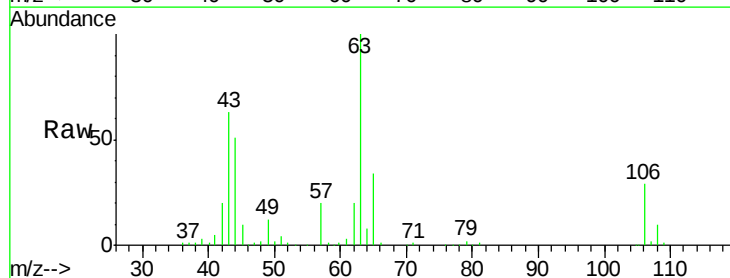
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS01

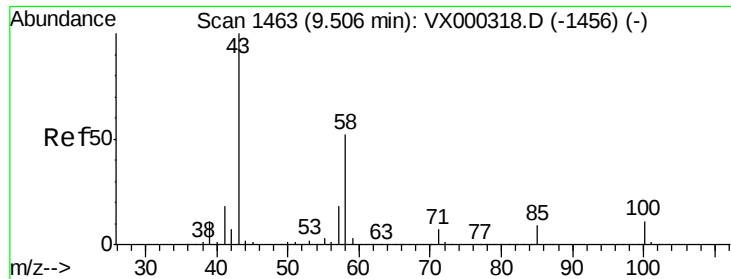
Tgt Ion: 76 Resp: 44971
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 114.72 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000327.D
 Acq: 15 Mar 2018 14:37

Tgt Ion: 63 Resp: 108058
 Ion Ratio Lower Upper
 63 100
 106 29.0 23.2 34.8

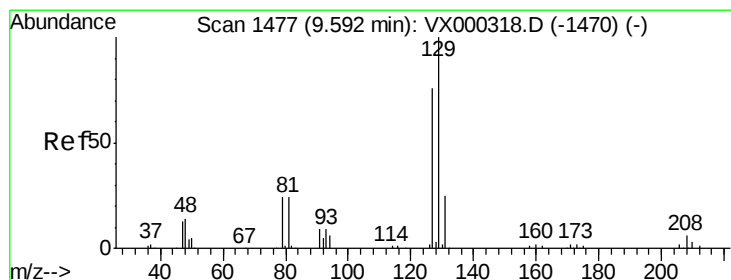
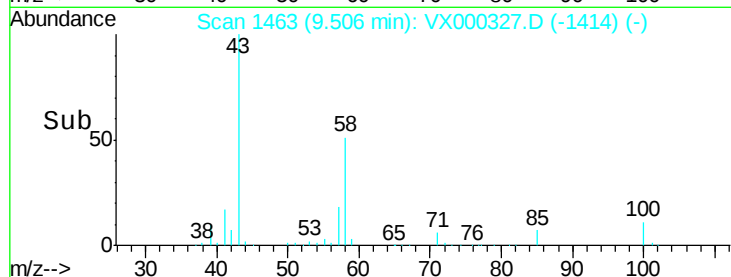
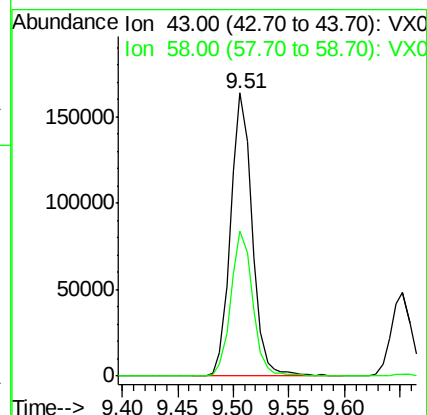
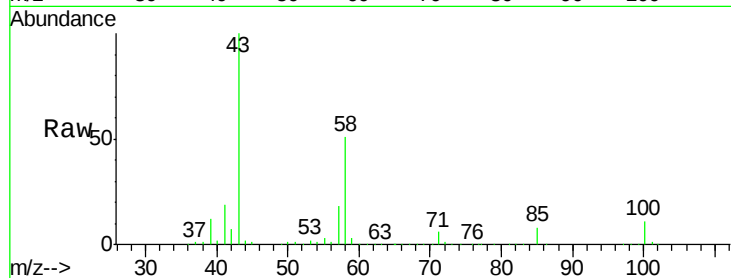




#59
2-Hexanone
Concen: 92.09 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

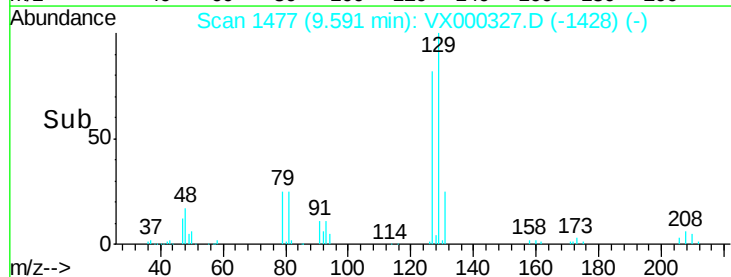
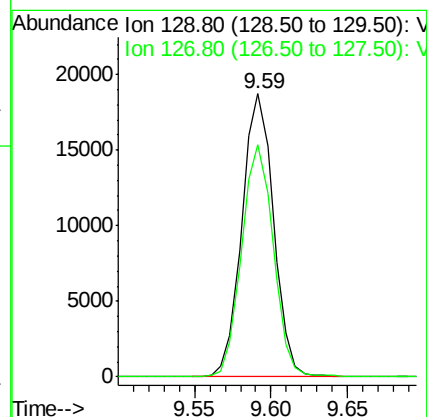
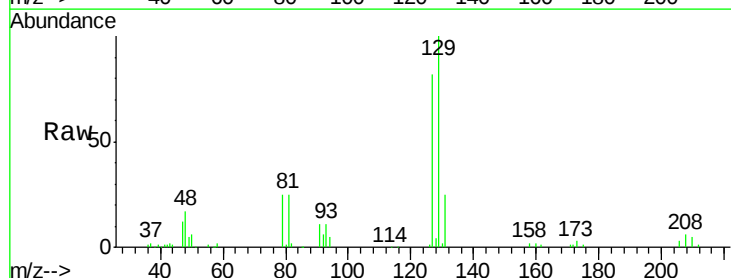
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

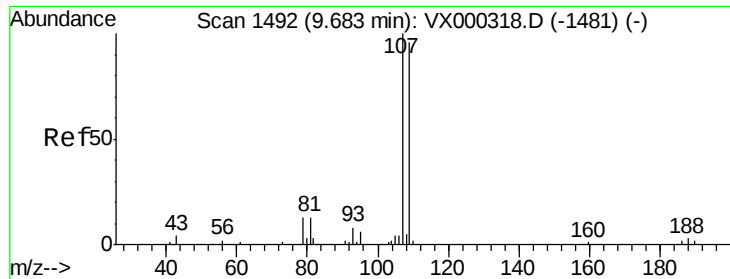
Tgt Ion: 43 Resp: 221102
Ion Ratio Lower Upper
43 100
58 51.6 26.6 79.7



#60
Dibromochloromethane
Concen: 16.60 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Tgt Ion: 129 Resp: 26859
Ion Ratio Lower Upper
129 100
127 82.2 37.9 113.6





#61

1,2-Dibromoethane

Concen: 16.74 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

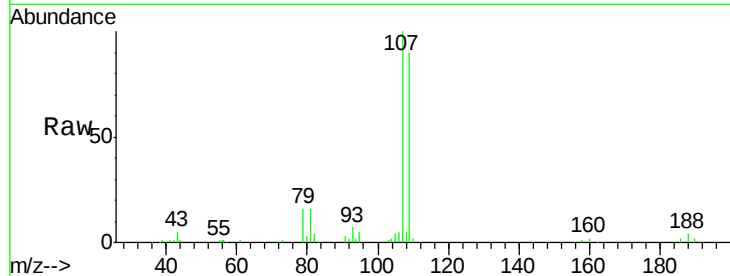
VX0315WBS01

Tgt Ion: 107 Resp: 28384

Ion Ratio Lower Upper

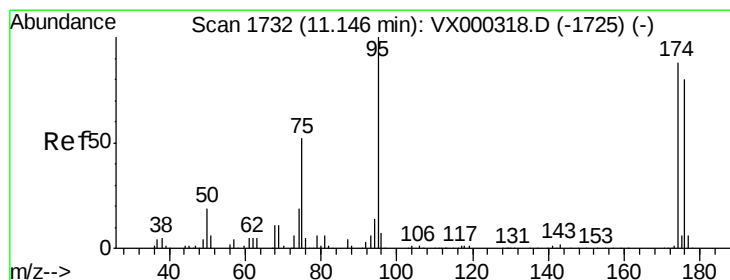
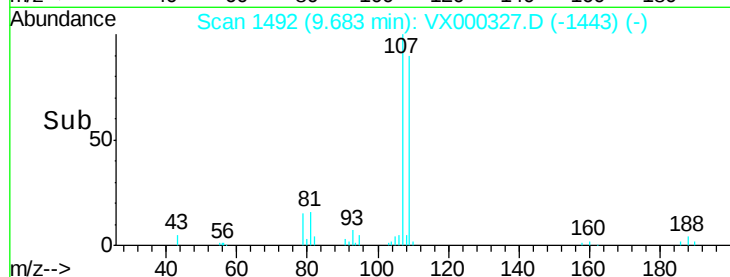
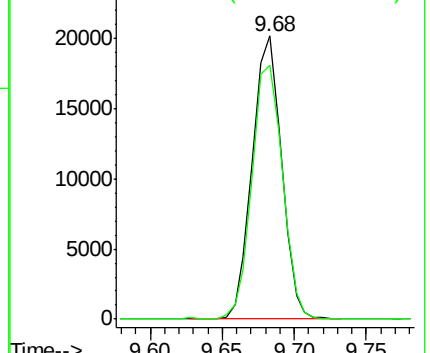
107 100

109 93.5 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 40.01 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

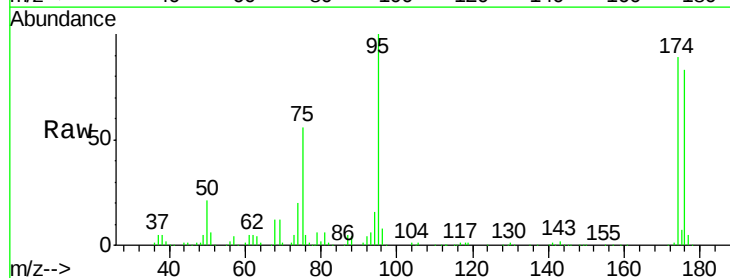
Tgt Ion: 95 Resp: 88900

Ion Ratio Lower Upper

95 100

174 88.9 0.0 173.6

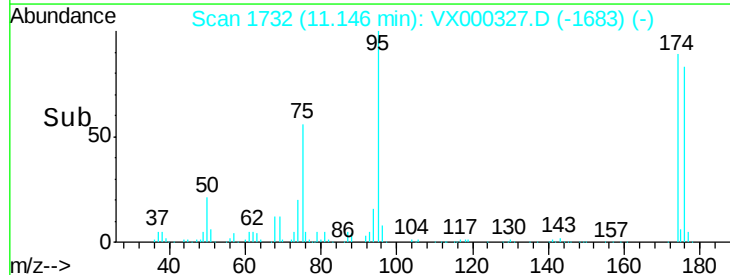
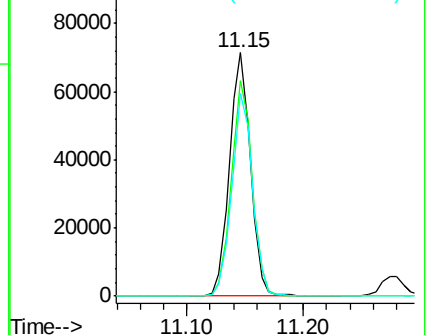
176 83.2 0.0 164.6

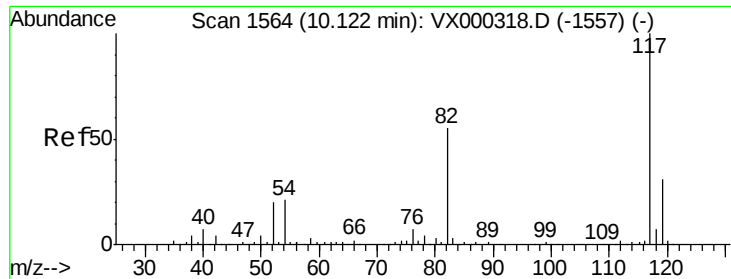


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

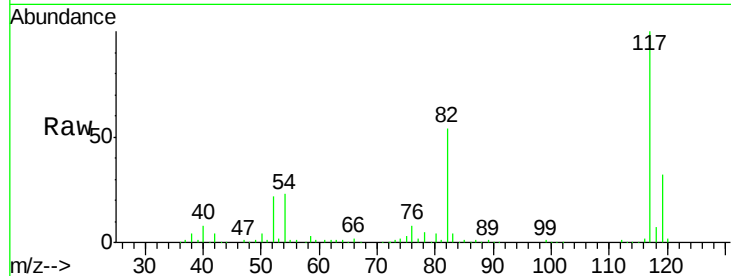




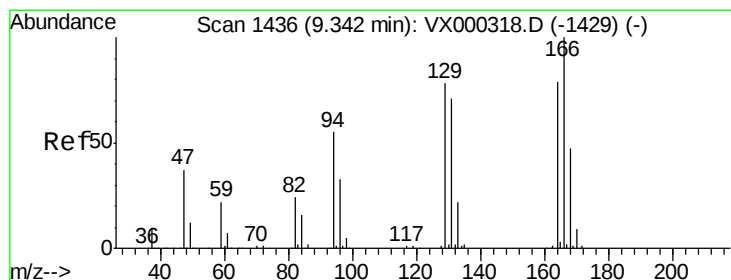
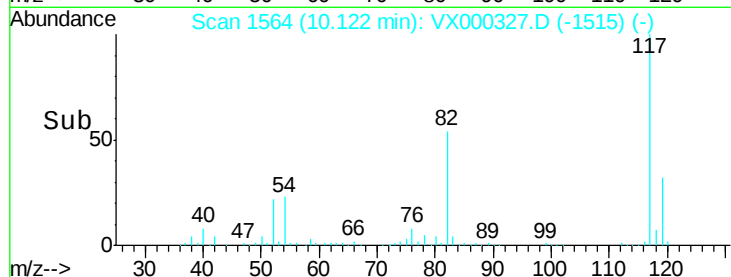
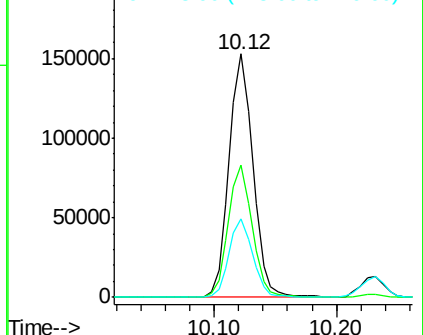
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

Tgt Ion:117 Resp: 207168
Ion Ratio Lower Upper
117 100
82 54.2 43.8 65.8
119 32.4 24.9 37.3



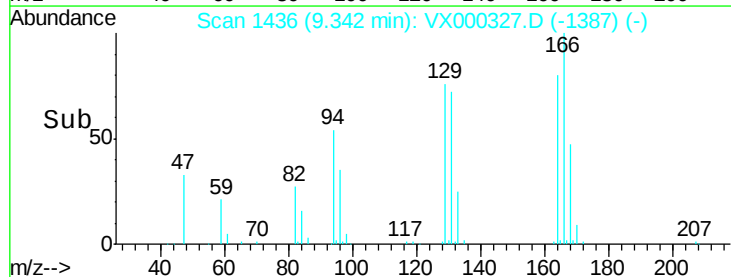
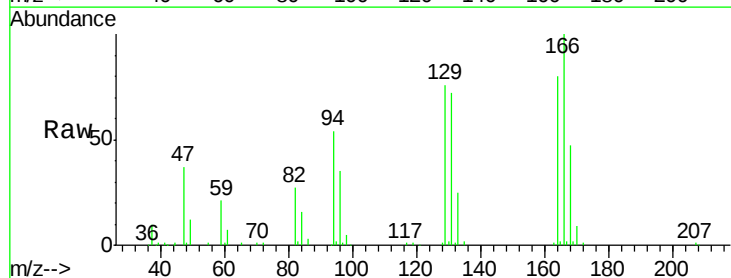
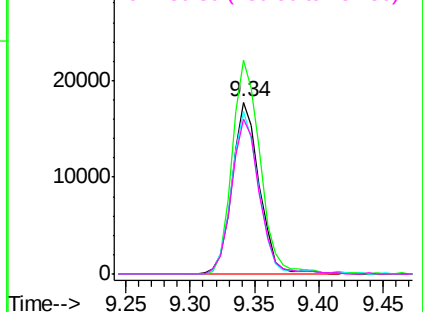
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

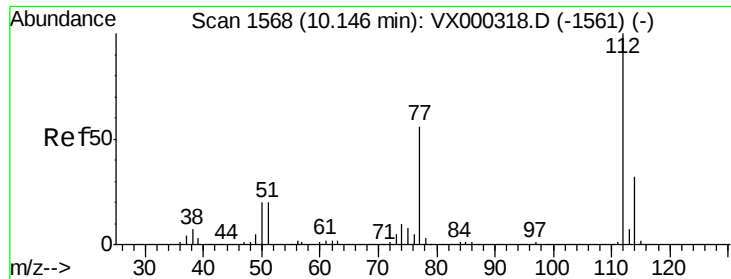


#64
Tetrachloroethene
Concen: 18.26 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Tgt Ion:164 Resp: 26151
Ion Ratio Lower Upper
164 100
166 124.5 101.0 151.6
129 94.7 79.0 118.4
131 90.2 71.9 107.9

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 17.86 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

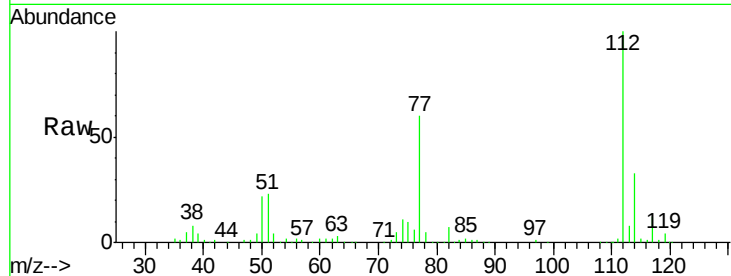
VX0315WBS01

Tgt Ion:112 Resp: 75366

Ion Ratio Lower Upper

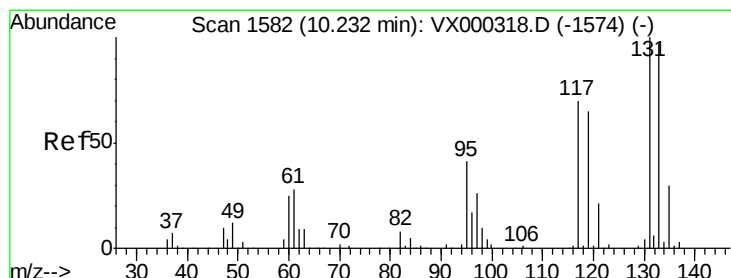
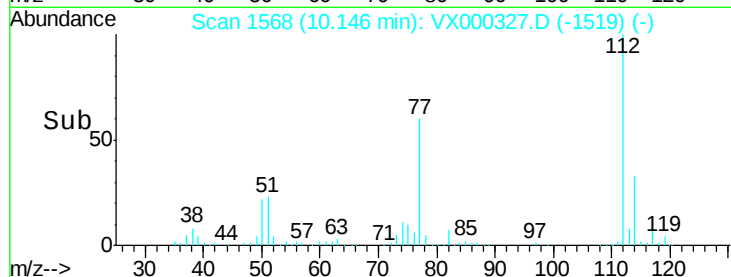
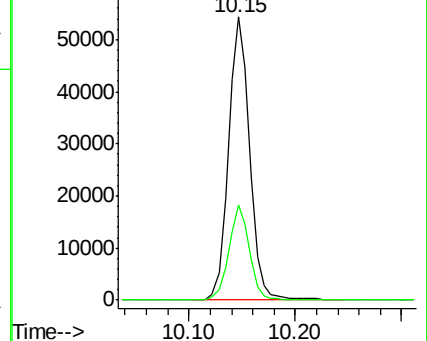
112 100

114 33.4 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 17.75 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

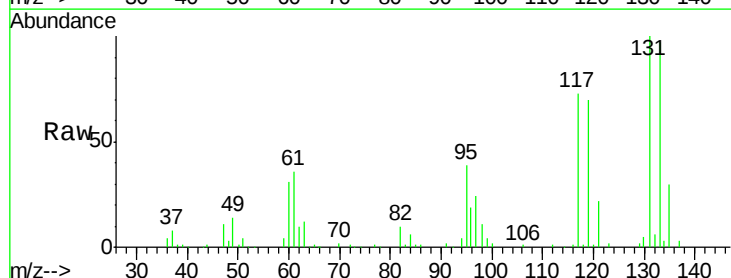
Tgt Ion:131 Resp: 25185

Ion Ratio Lower Upper

131 100

133 95.4 47.1 141.3

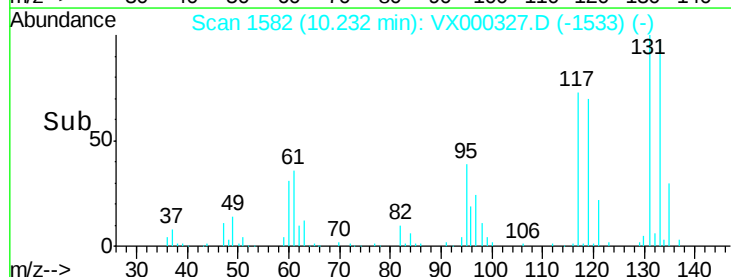
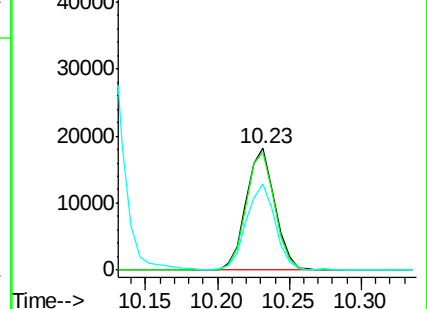
119 70.7 33.1 99.2

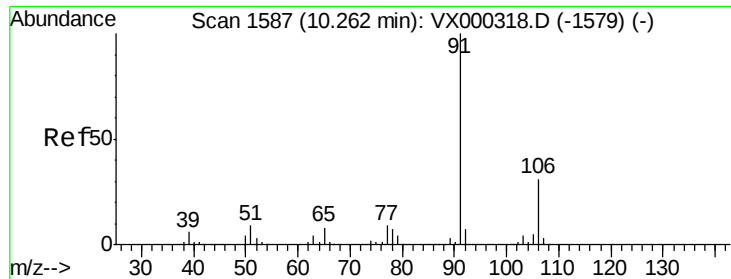


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 17.94 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

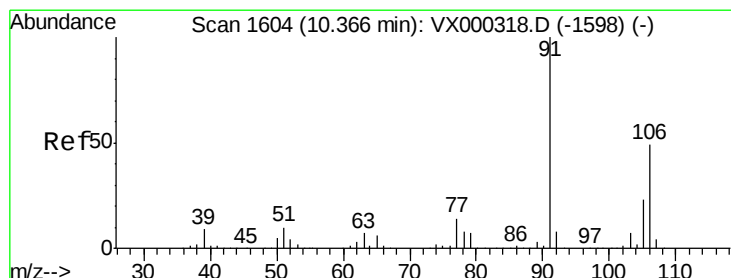
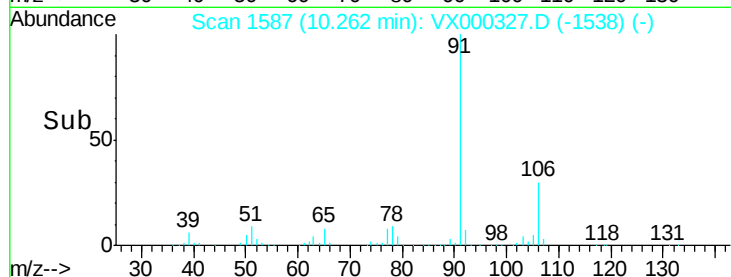
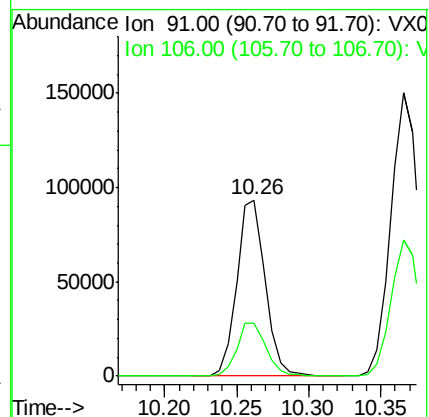
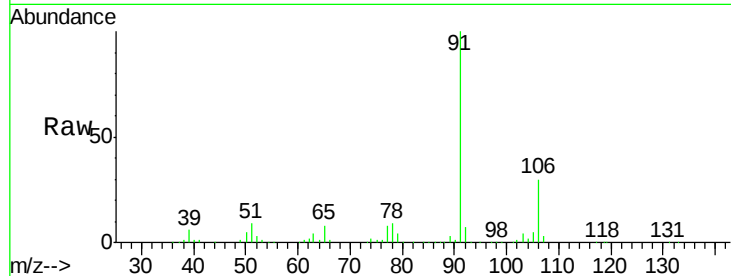
VX0315WBS01

Tgt Ion: 91 Resp: 129041

Ion Ratio Lower Upper

91 100

106 29.8 25.0 37.6



#68

m/p-Xylenes

Concen: 35.72 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000327.D

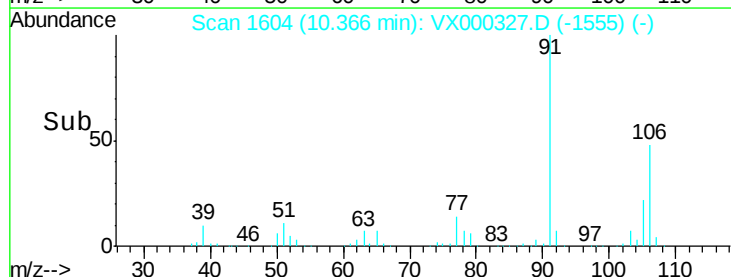
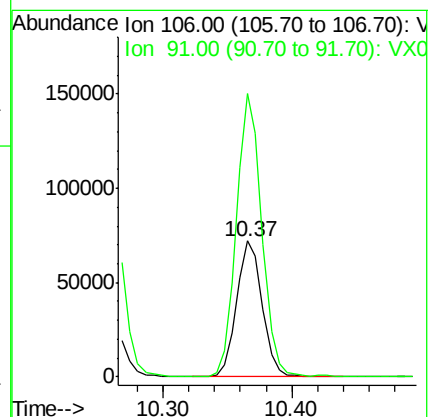
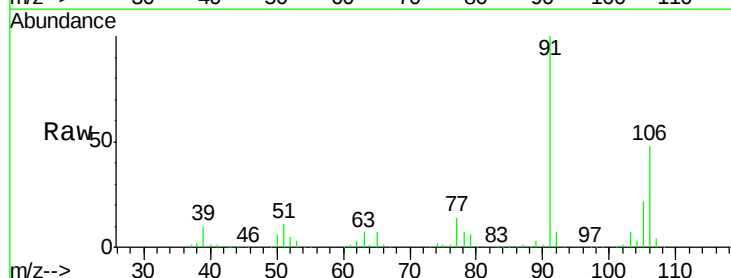
Acq: 15 Mar 2018 14:37

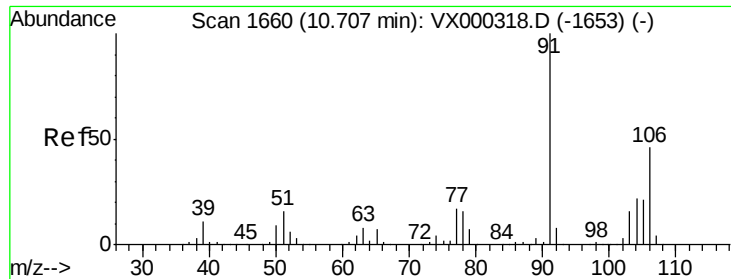
Tgt Ion: 106 Resp: 100088

Ion Ratio Lower Upper

106 100

91 207.1 163.4 245.2

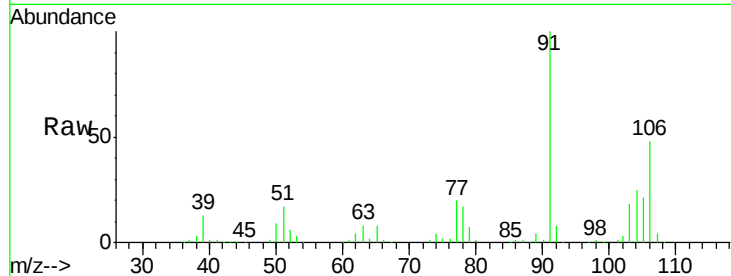




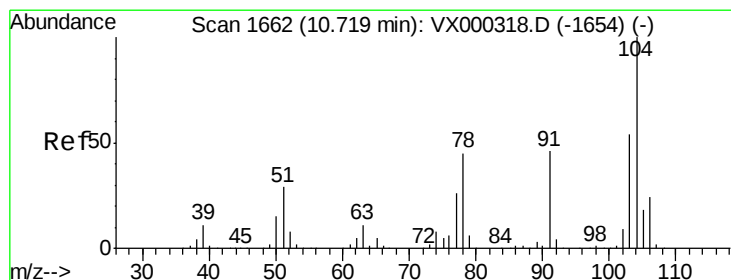
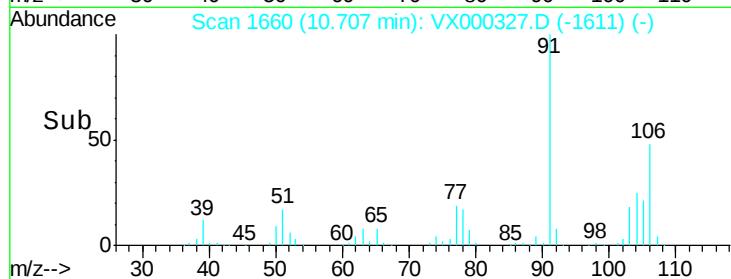
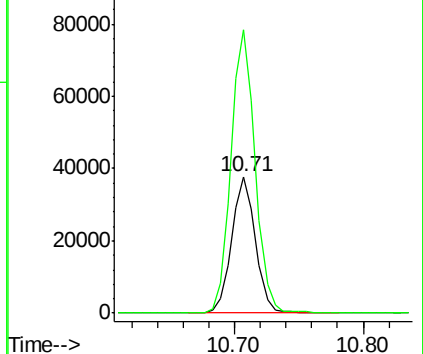
#69
o-Xylene
Concen: 17.82 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

Tgt Ion:106 Resp: 48516
Ion Ratio Lower Upper
106 100
91 212.0 106.5 319.6

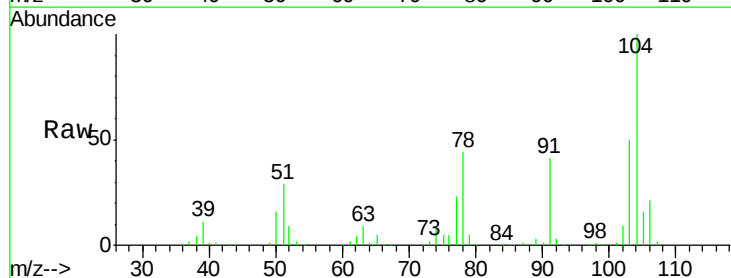


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

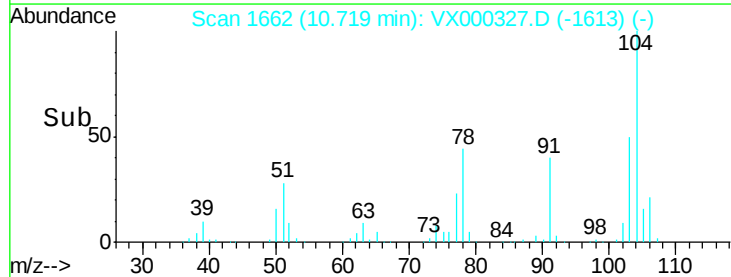
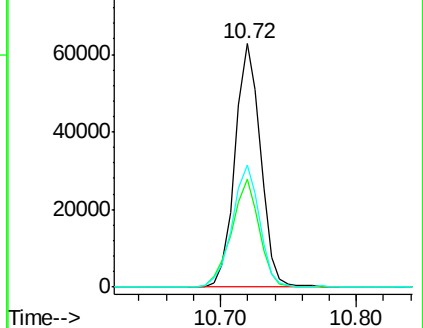


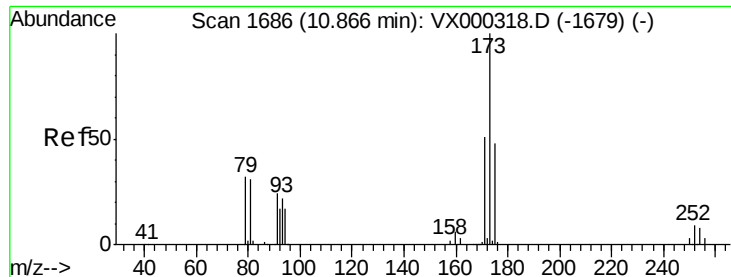
#70
Styrene
Concen: 18.18 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000327.D
Acq: 15 Mar 2018 14:37

Tgt Ion:104 Resp: 82131
Ion Ratio Lower Upper
104 100
78 48.2 40.5 60.7
103 53.5 45.7 68.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 17.67 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS01

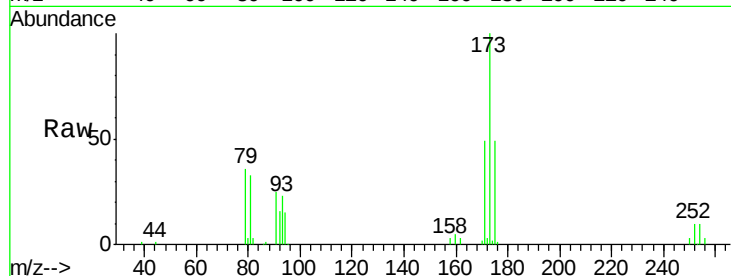
Tgt Ion:173 Resp: 21212

Ion Ratio Lower Upper

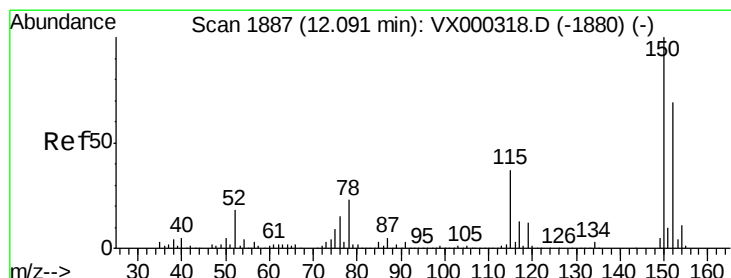
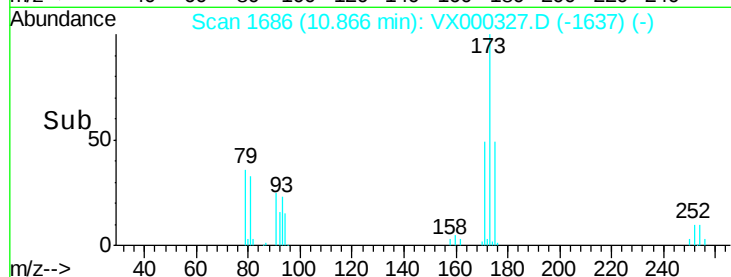
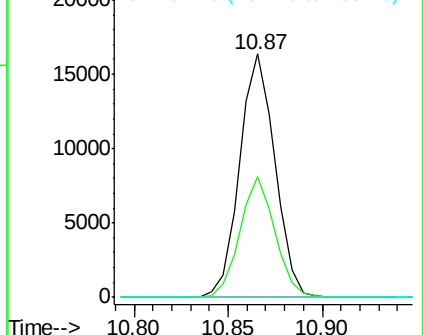
173 100

175 48.9 25.4 76.4

254 0.0 0.0 0.0



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: 12.08 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

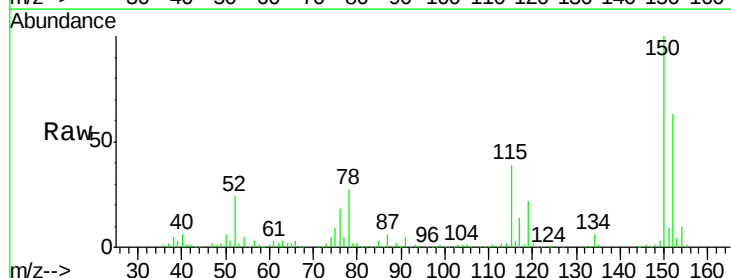
Tgt Ion:152 Resp: 118352

Ion Ratio Lower Upper

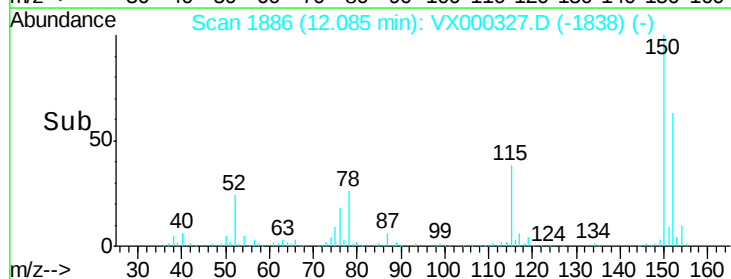
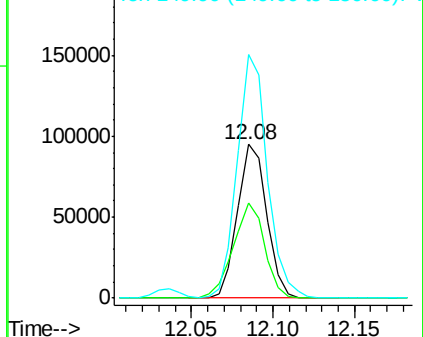
152 100

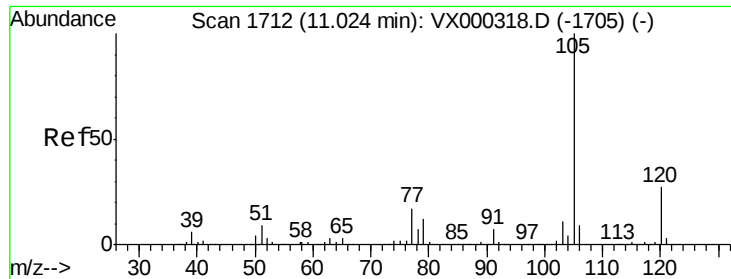
115 66.7 39.8 119.3

150 164.3 0.0 344.4



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: 18.63 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

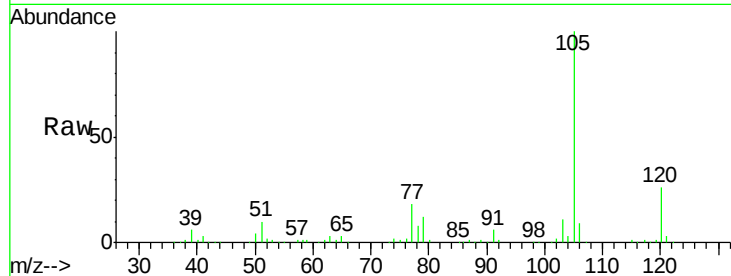
VX0315WBS01

Tgt Ion: 105 Resp: 132784

Ion Ratio Lower Upper

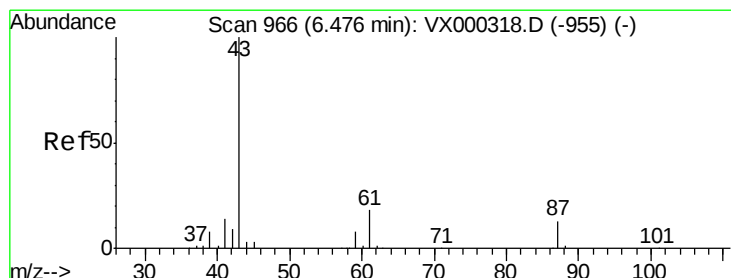
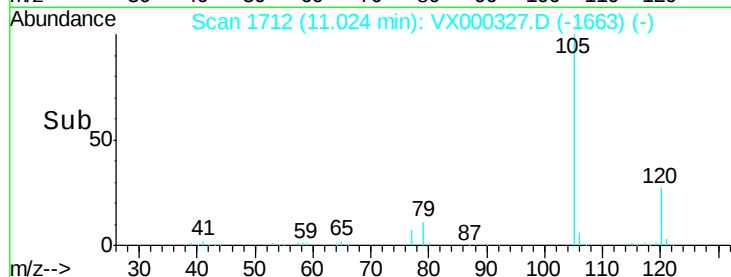
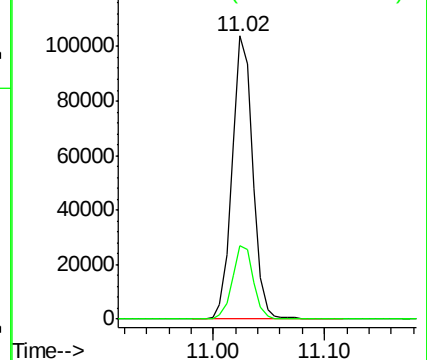
105 100

120 26.4 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.65 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Tgt Ion: 43 Resp: 67065

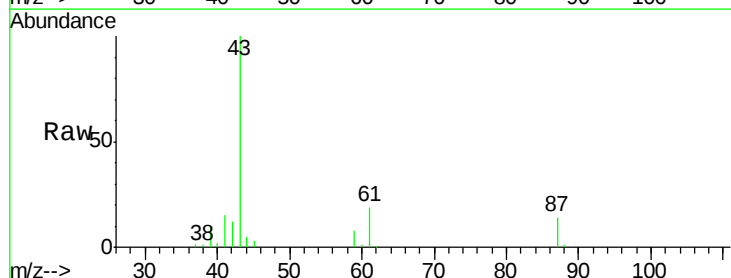
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 18.5 14.4 21.6

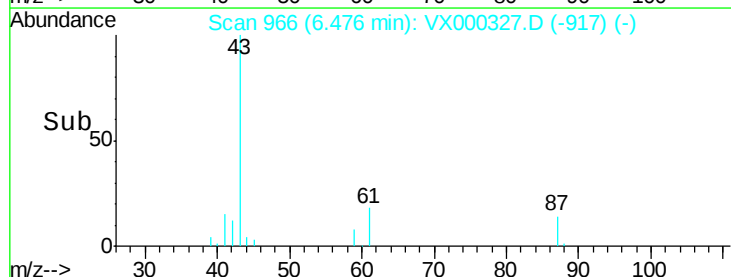
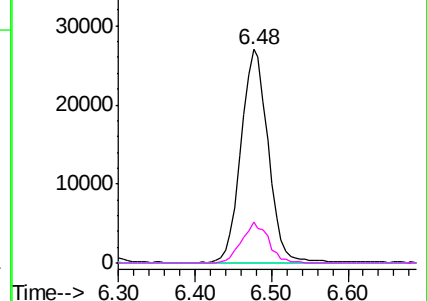


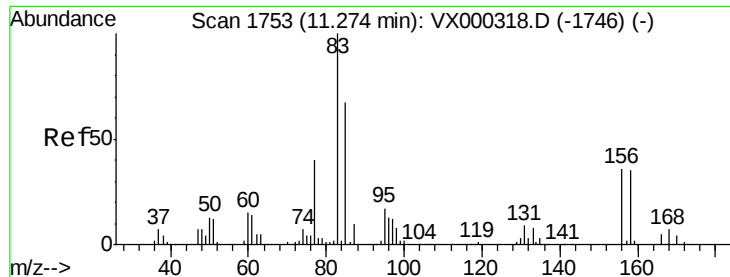
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.78 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS01

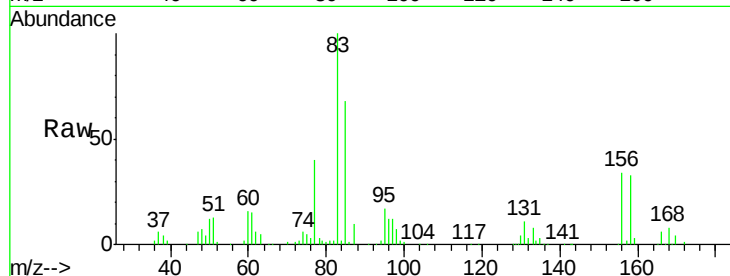
Tgt Ion: 83 Resp: 47666

Ion Ratio Lower Upper

83 100

131 10.2 5.0 14.9

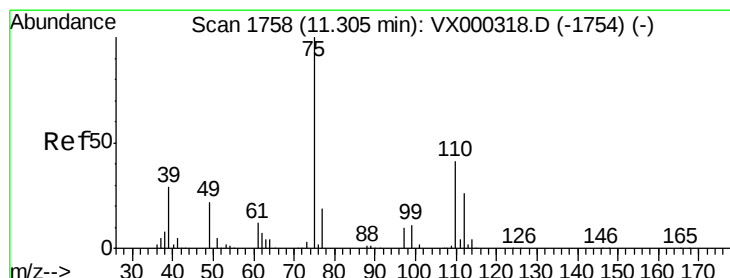
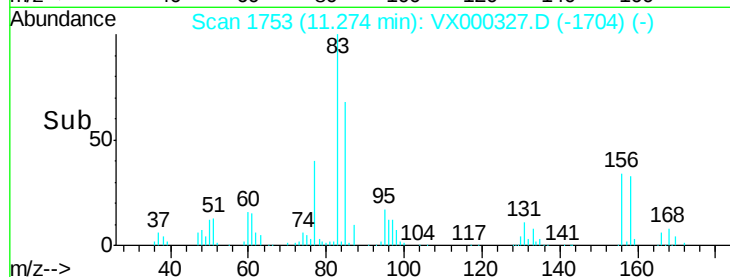
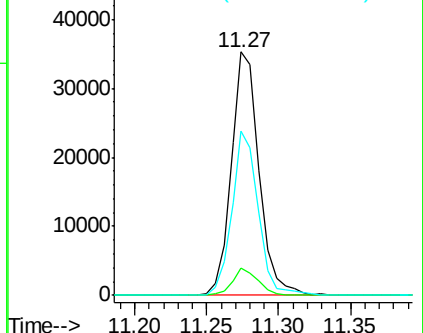
85 64.3 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.84 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000327.D

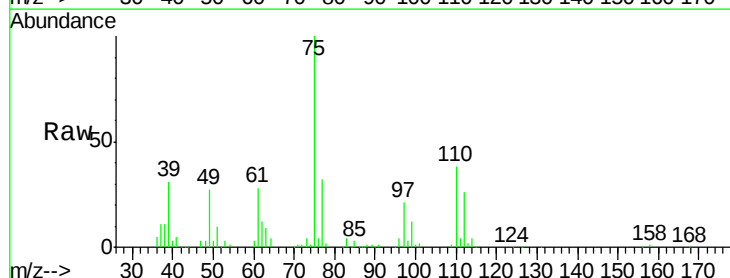
Acq: 15 Mar 2018 14:37

Tgt Ion: 75 Resp: 55348

Ion Ratio Lower Upper

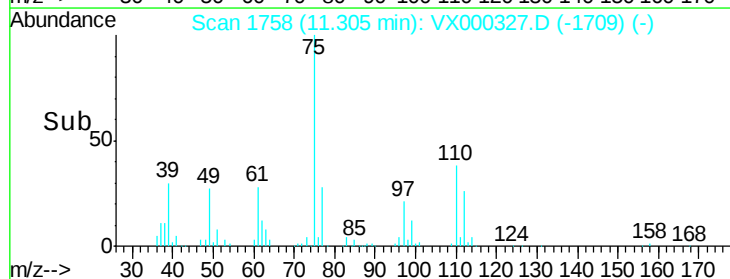
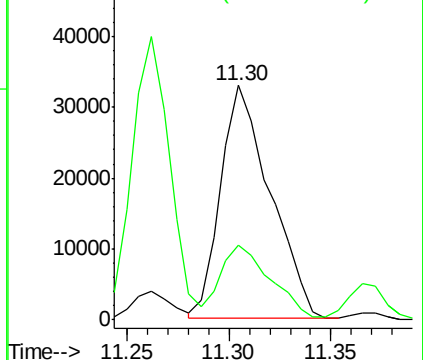
75 100

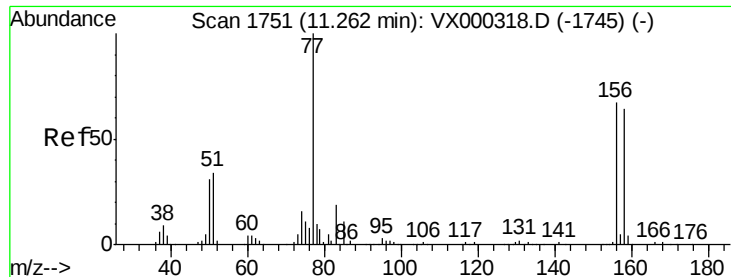
77 32.8 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.21 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Instrument :

MSVOA_X

ClientSampled :

VX0315WBS01

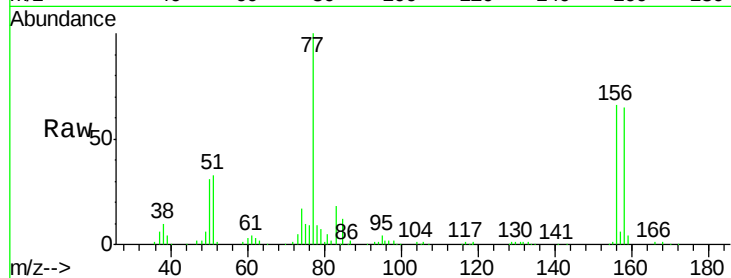
Tgt Ion:156 Resp: 34067

Ion Ratio Lower Upper

156 100

77 151.9 73.4 220.2

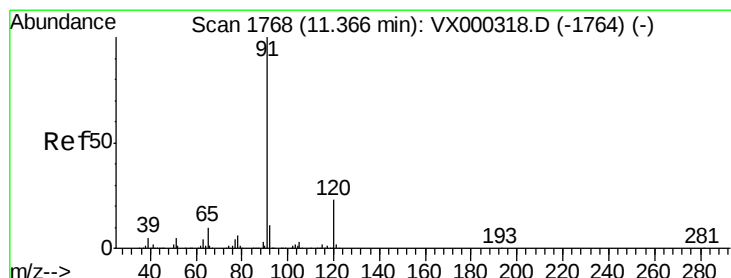
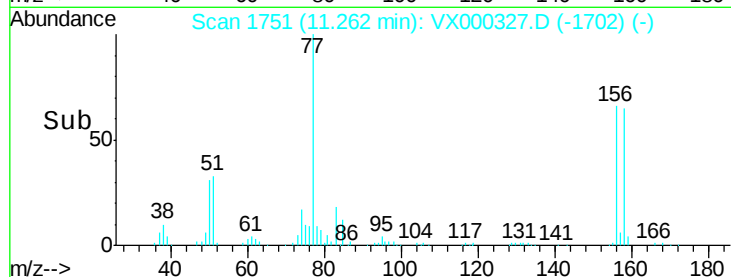
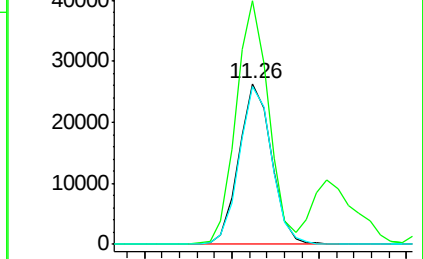
158 98.7 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.25 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000327.D

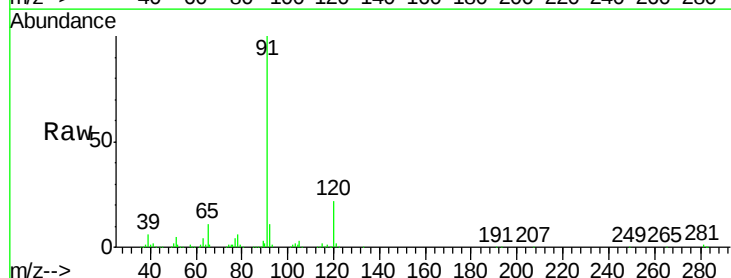
Acq: 15 Mar 2018 14:37

Tgt Ion: 91 Resp: 156877

Ion Ratio Lower Upper

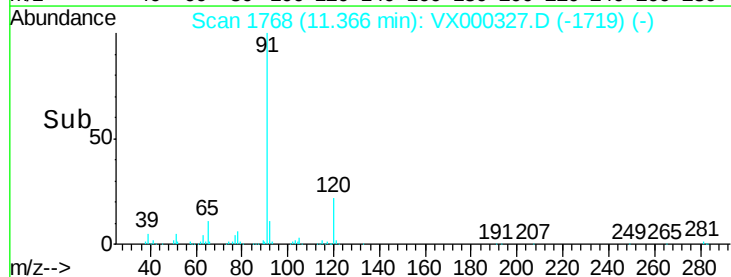
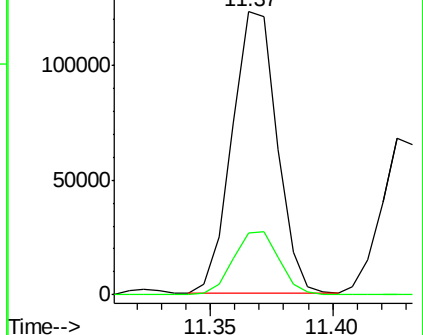
91 100

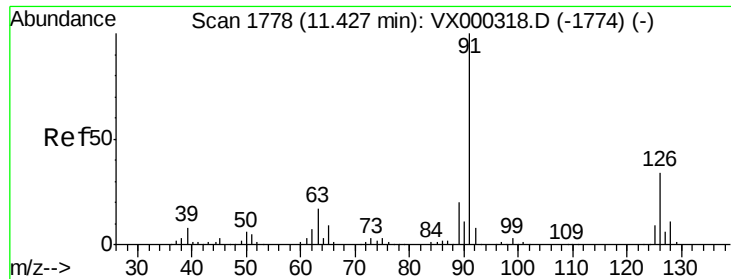
120 23.1 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

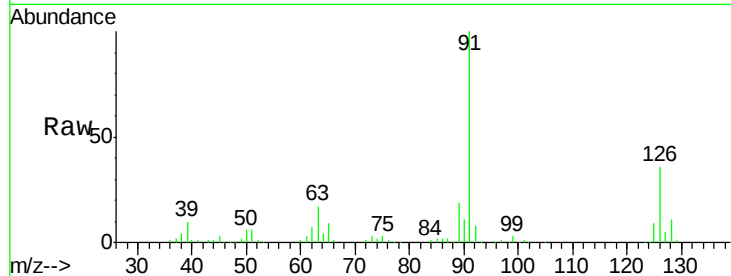




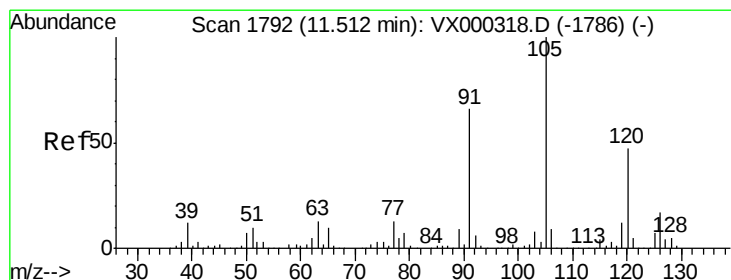
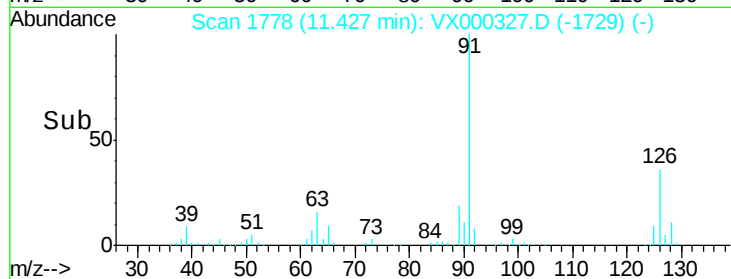
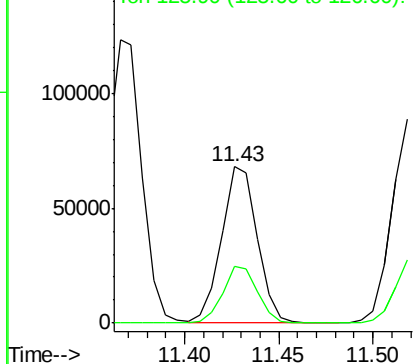
#79
 2-Chlorotoluene
 Concen: 18.12 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000327.D
 Acq: 15 Mar 2018 14:37

Instrument :
 MSVOA_X
 ClientSampled :
 VX0315WBS01

Tgt Ion: 91 Resp: 88406
 Ion Ratio Lower Upper
 91 100
 126 36.1 17.7 53.1

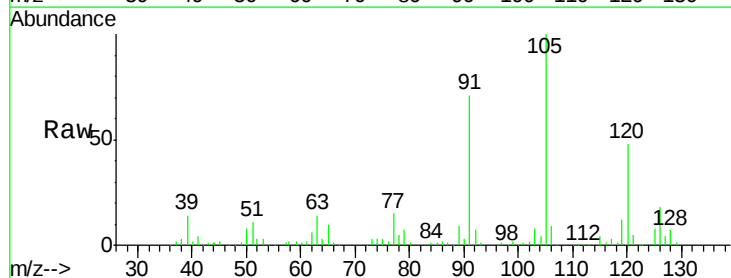


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

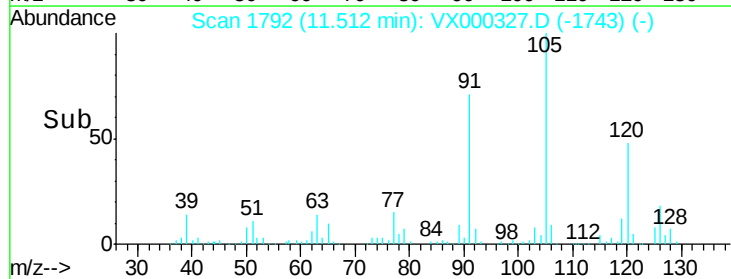
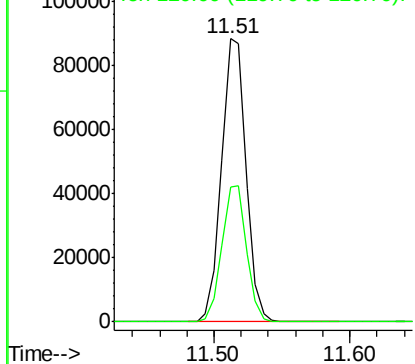


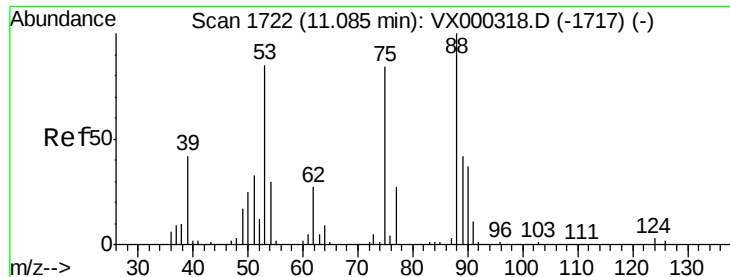
#80
 1,3,5-Trimethylbenzene
 Concen: 18.19 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000327.D
 Acq: 15 Mar 2018 14:37

Tgt Ion: 105 Resp: 110452
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.1 72.4



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: 17.61 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Instrument :

MSVOA_X

ClientSampled :

VX0315WBS01

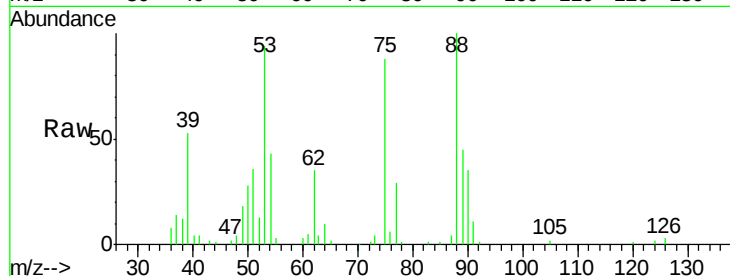
Tgt Ion: 75 Resp: 12499

Ion Ratio Lower Upper

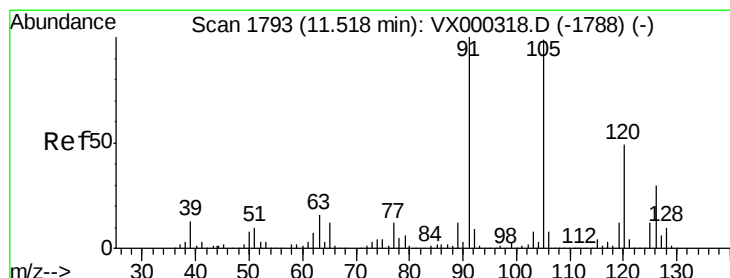
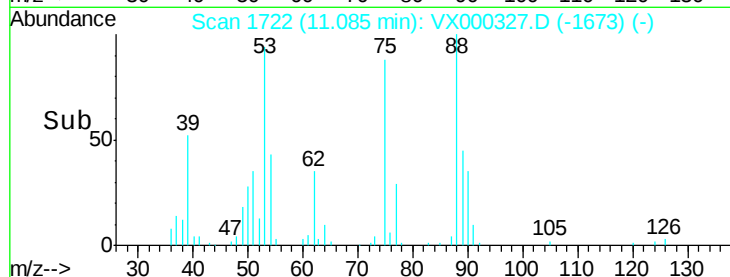
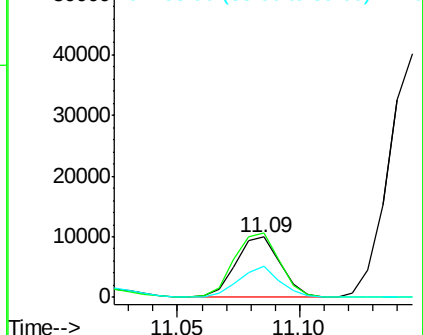
75 100

53 111.2 80.7 121.1

89 48.1 39.4 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.58 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000327.D

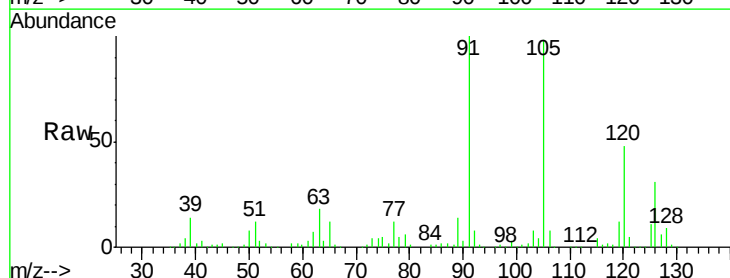
Acq: 15 Mar 2018 14:37

Tgt Ion: 91 Resp: 111369

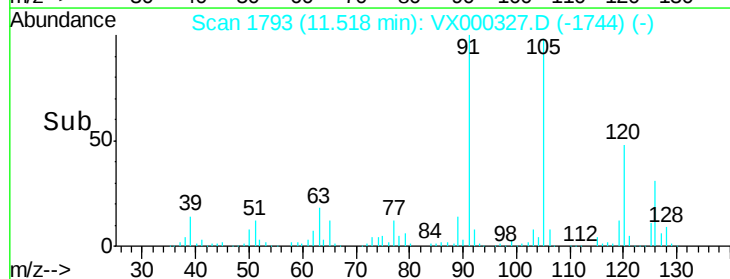
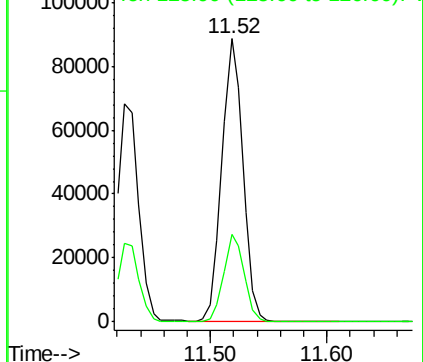
Ion Ratio Lower Upper

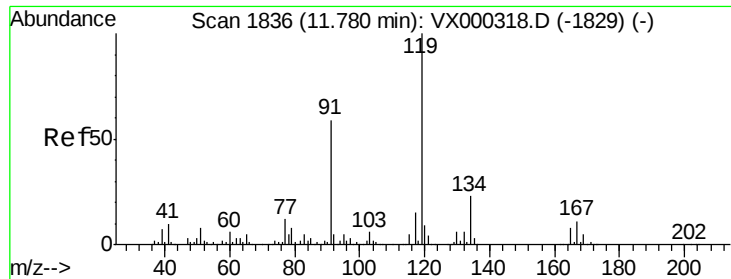
91 100

126 30.0 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

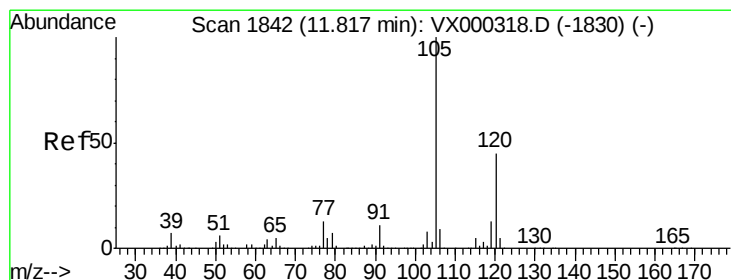
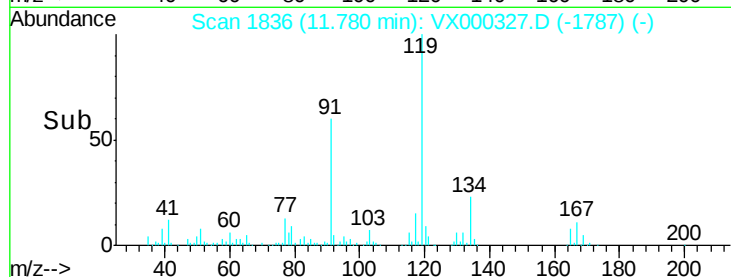
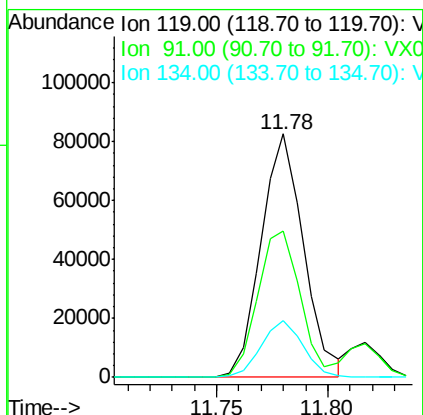
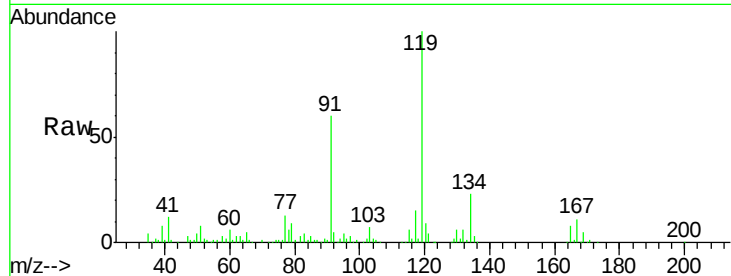




#83
 tert-Butylbenzene
 Concen: 18.51 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000327.D
 Acq: 15 Mar 2018 14:37

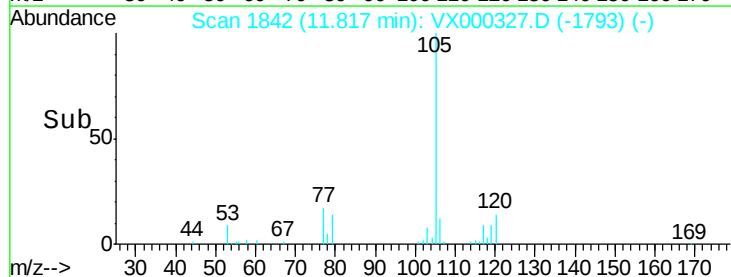
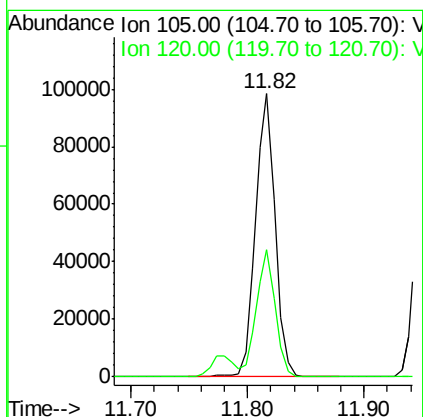
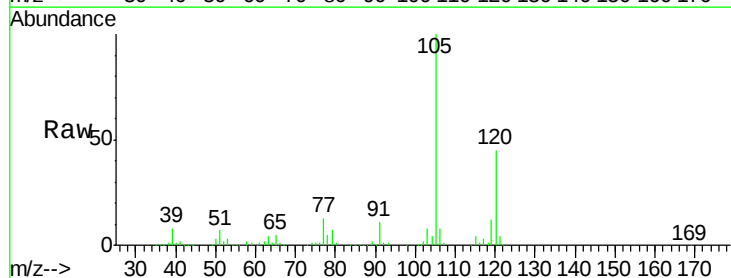
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS01

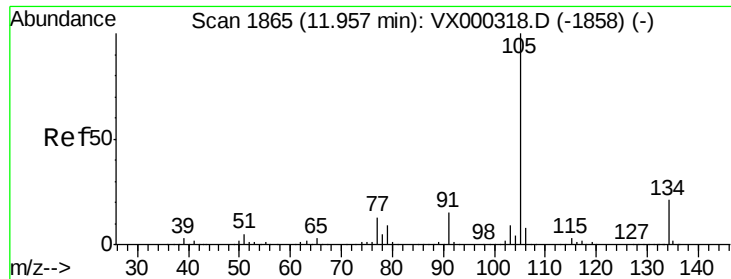
Tgt Ion:119 Resp: 109662
 Ion Ratio Lower Upper
 119 100
 91 59.7 28.8 86.4
 134 22.7 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 18.53 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000327.D
 Acq: 15 Mar 2018 14:37

Tgt Ion:105 Resp: 115654
 Ion Ratio Lower Upper
 105 100
 120 43.4 22.4 67.3

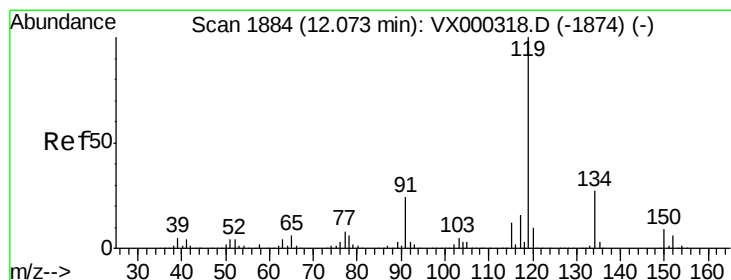
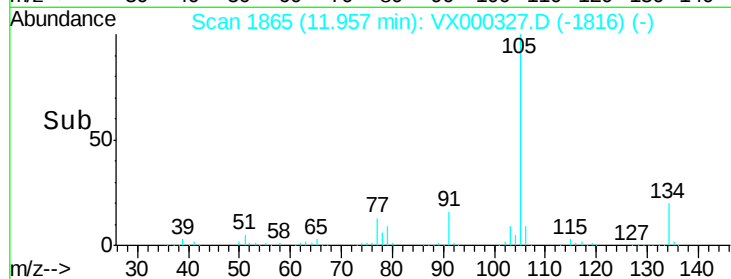
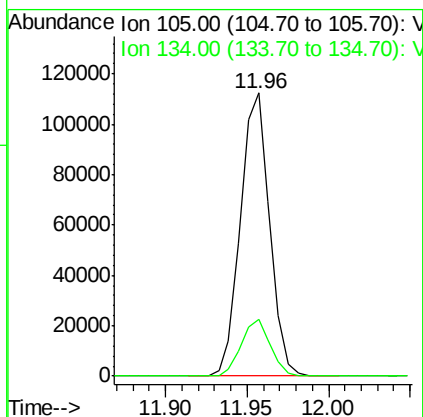
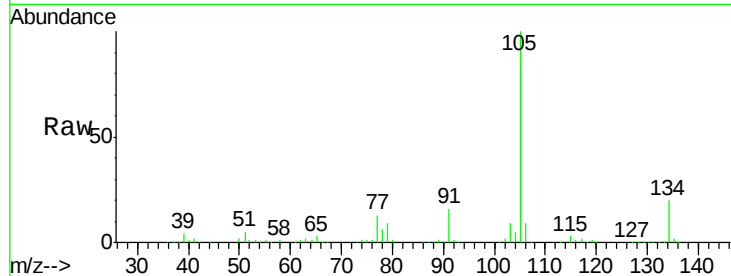




#85
 sec-Butylbenzene
 Concen: 18.88 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000327.D
 Acq: 15 Mar 2018 14:37

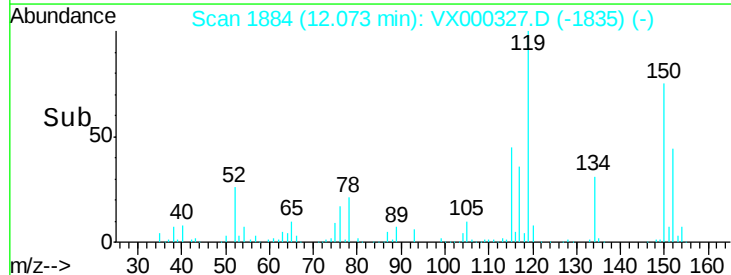
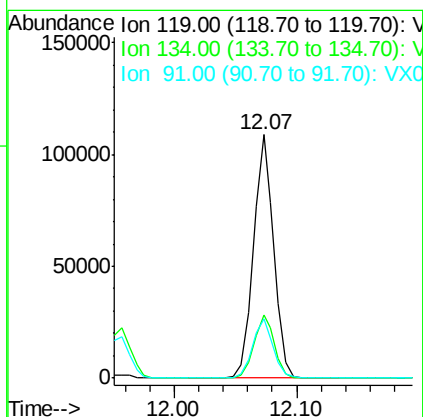
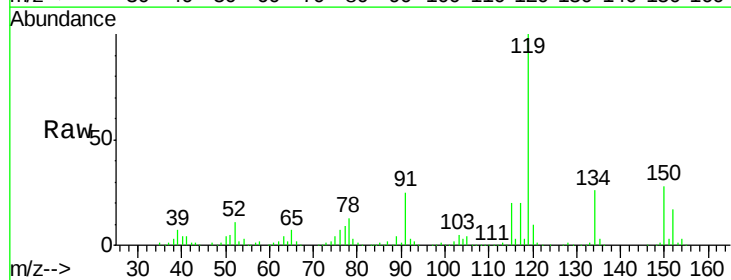
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS01

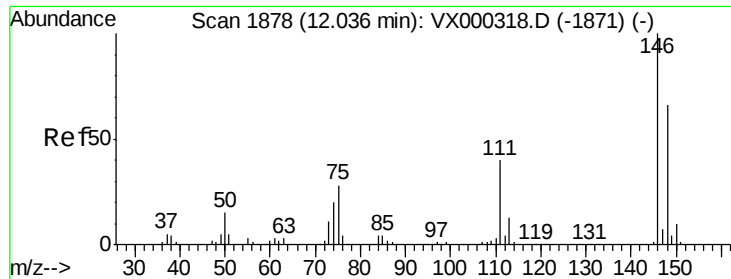
Tgt Ion:105 Resp: 140021
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 19.05 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000327.D
 Acq: 15 Mar 2018 14:37

Tgt Ion:119 Resp: 125754
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.3 39.9
 91 24.6 12.0 36.1

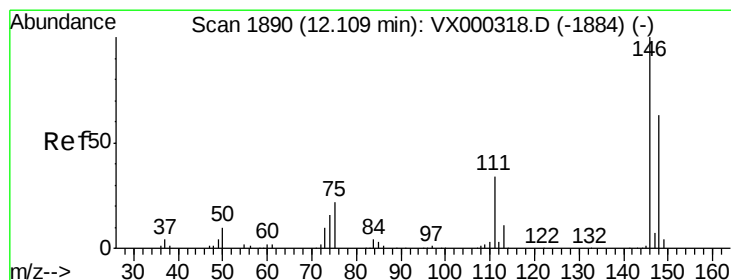
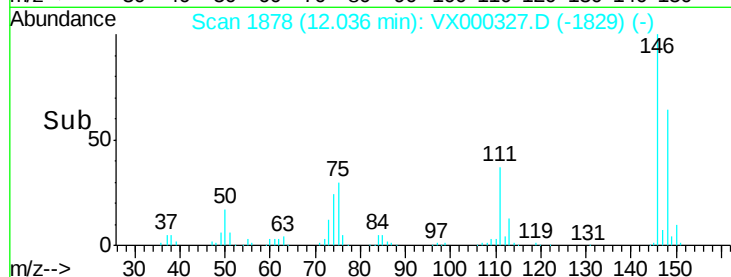
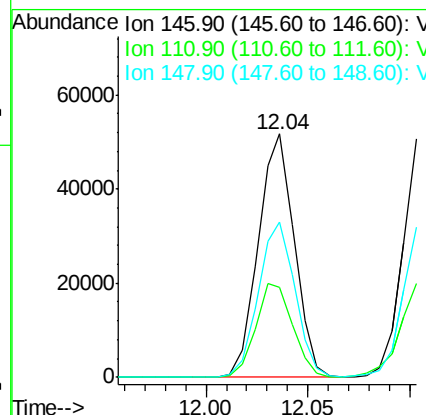
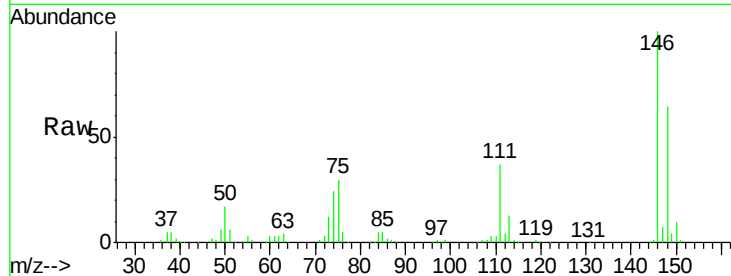




#87
 1,3-Dichlorobenzene
 Concen: 17.38 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000327.D
 Acq: 15 Mar 2018 14:37

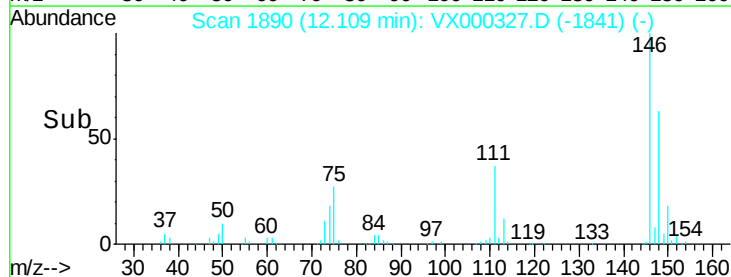
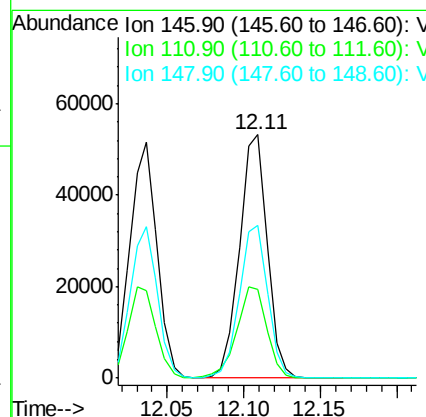
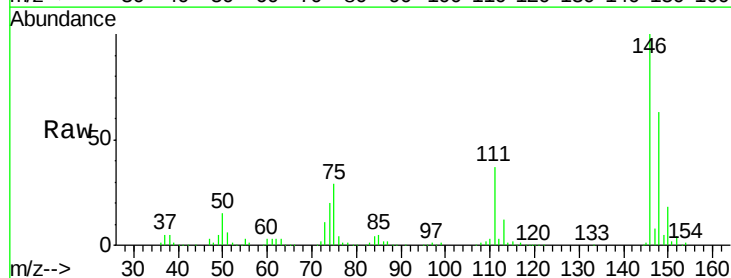
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS01

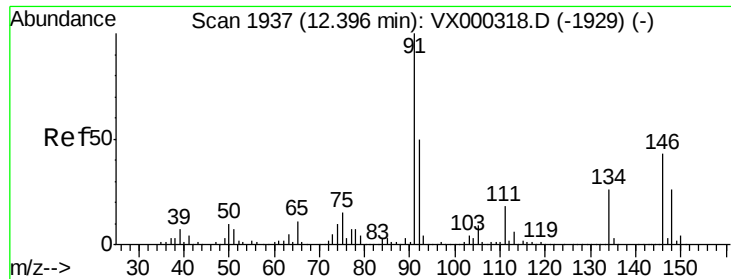
Tgt Ion:146 Resp: 63830
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.5 58.5
 148 64.8 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 17.55 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VX000327.D
 Acq: 15 Mar 2018 14:37

Tgt Ion:146 Resp: 66949
 Ion Ratio Lower Upper
 146 100
 111 40.7 18.9 56.9
 148 64.3 31.0 93.0





#89

n-Butylbenzene

Concen: 18.68 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Instrument :

MSVOA_X

ClientSampled :

VX0315WBS01

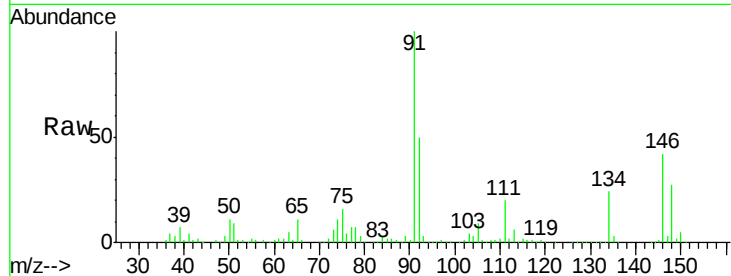
Tgt Ion: 91 Resp: 119857

Ion Ratio Lower Upper

91 100

92 51.6 25.9 77.8

134 24.8 13.1 39.3

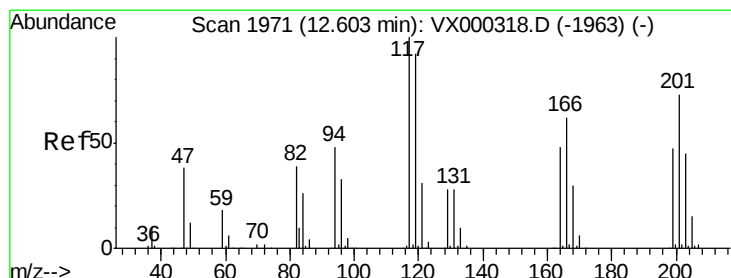
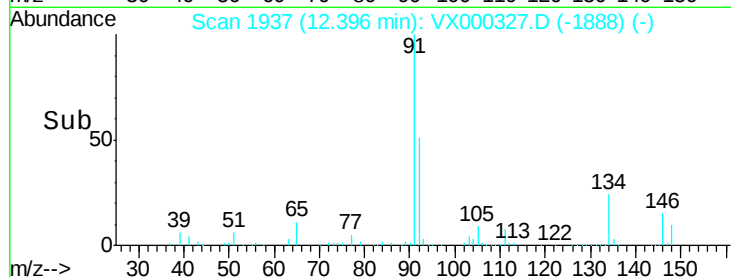


Abundance Ion 91.00 (90.70 to 91.70): VX000318.D (-1929) (-)

Ion 92.00 (91.70 to 92.70): VX000318.D (-1929) (-)

Ion 134.00 (133.70 to 134.70): VX000318.D (-1929) (-)

Time-->



#90

Hexachloroethane

Concen: 17.73 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000327.D

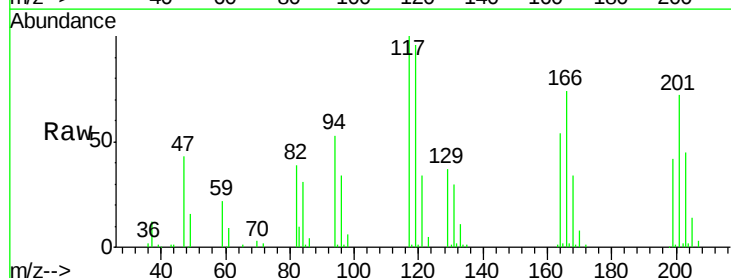
Acq: 15 Mar 2018 14:37

Tgt Ion: 117 Resp: 18773

Ion Ratio Lower Upper

117 100

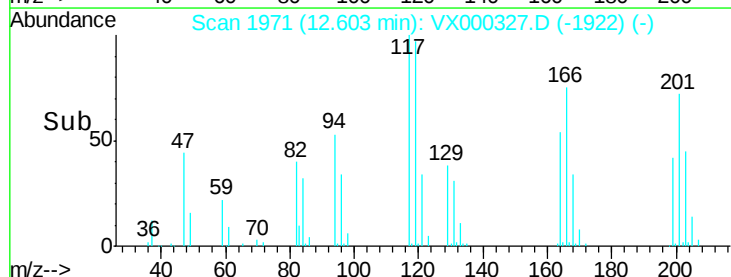
201 75.2 37.9 113.6

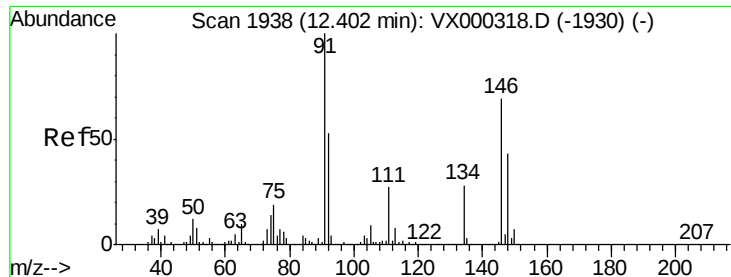


Abundance Ion 116.80 (116.50 to 117.50): VX000318.D (-1963) (-)

Ion 200.70 (200.40 to 201.40): VX000318.D (-1963) (-)

Time-->

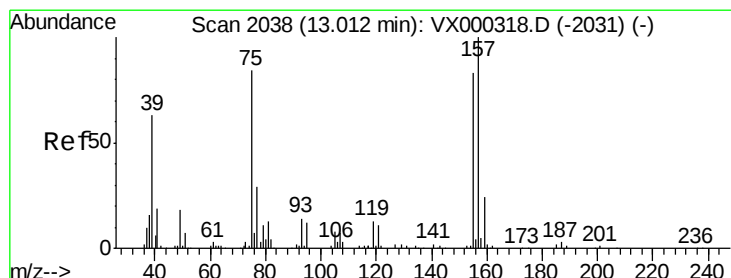
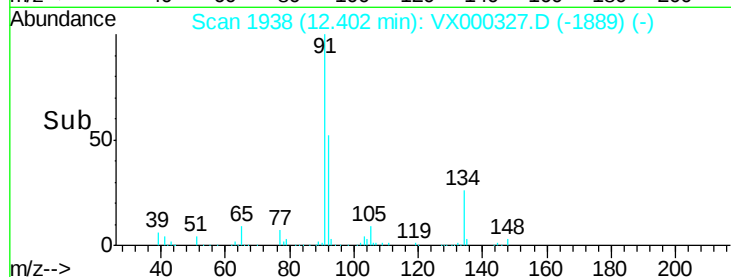
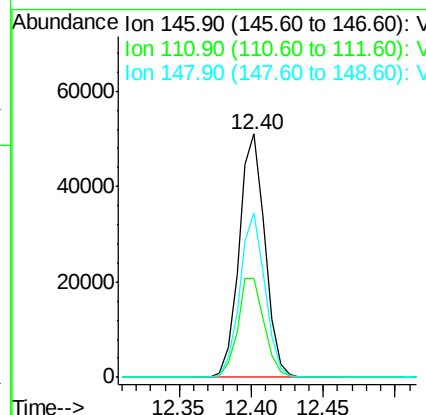
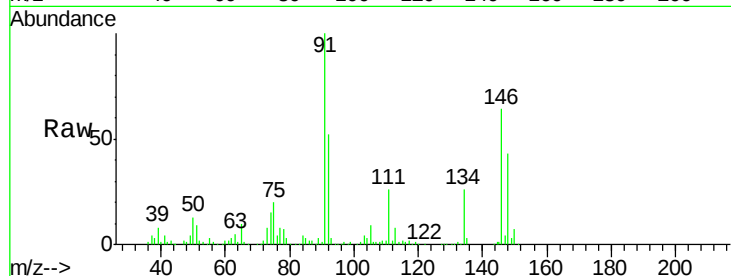




#91
 1,2-Dichlorobenzene
 Concen: 17.91 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000327.D
 Acq: 15 Mar 2018 14:37

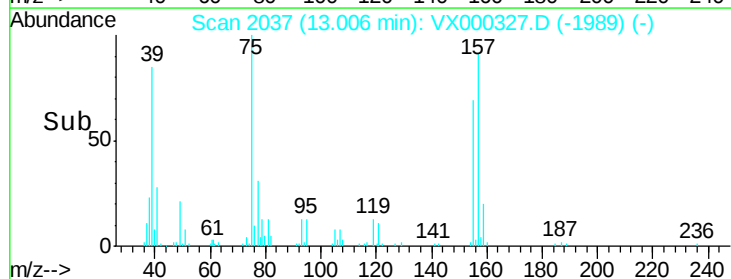
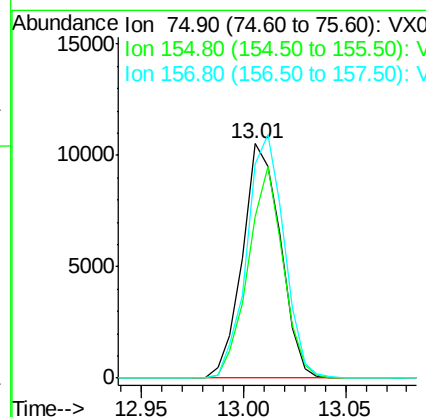
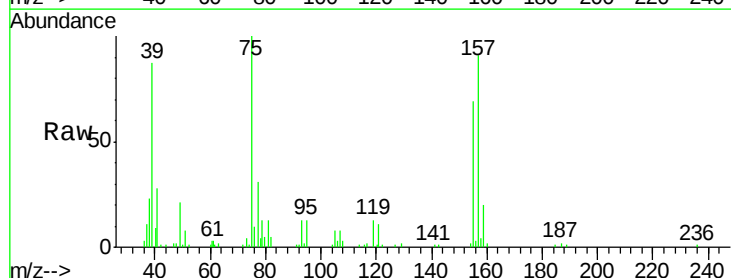
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS01

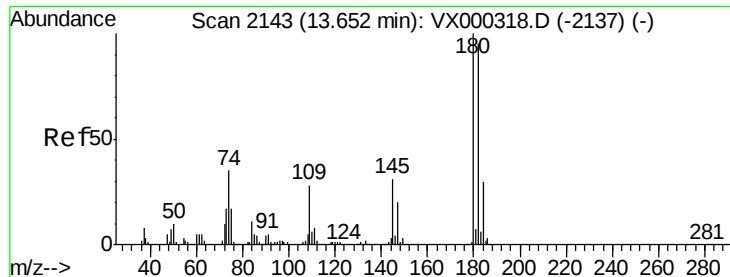
Tgt Ion:146 Resp: 63702
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.1 60.2
 148 65.8 31.2 93.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.80 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: VX000327.D
 Acq: 15 Mar 2018 14:37

Tgt Ion: 75 Resp: 13603
 Ion Ratio Lower Upper
 75 100
 155 83.0 45.0 134.8
 157 101.9 58.1 174.2

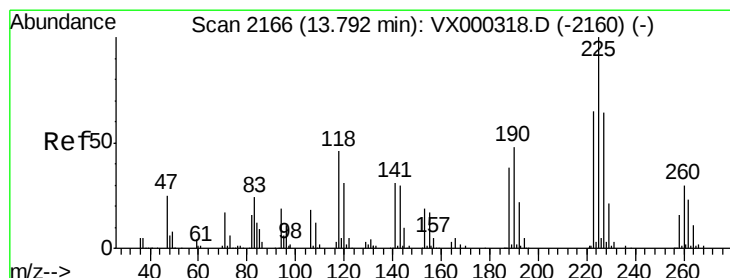
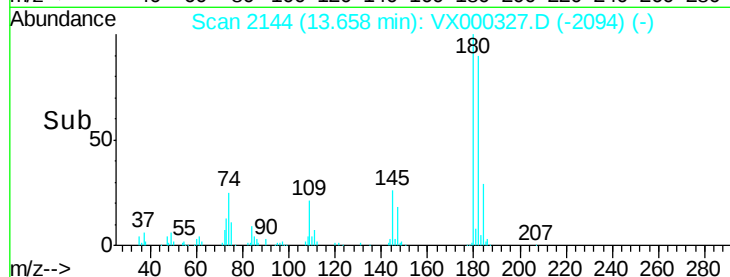
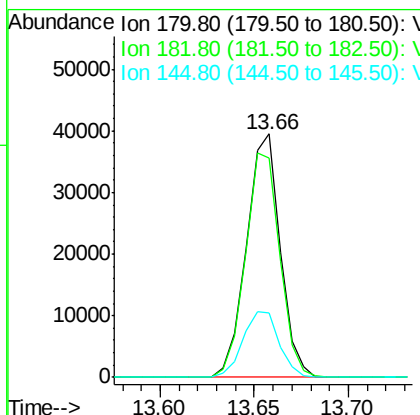
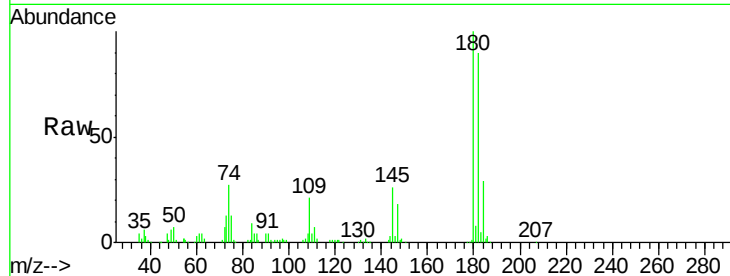




#93
 1,2,4-Trichlorobenzene
 Concen: 19.09 ug/l
 RT: 13.66 min Scan# 2144
 Delta R.T. 0.01 min
 Lab File: VX000327.D
 Acq: 15 Mar 2018 14:37

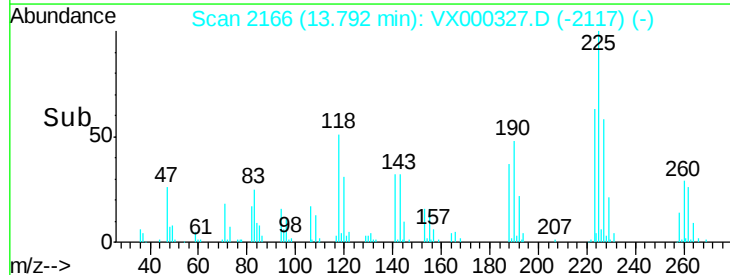
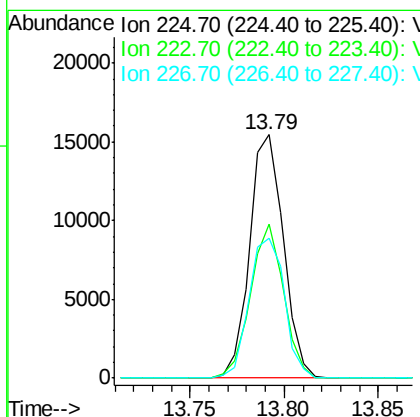
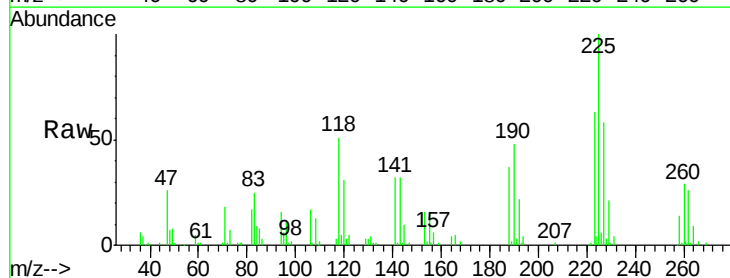
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS01

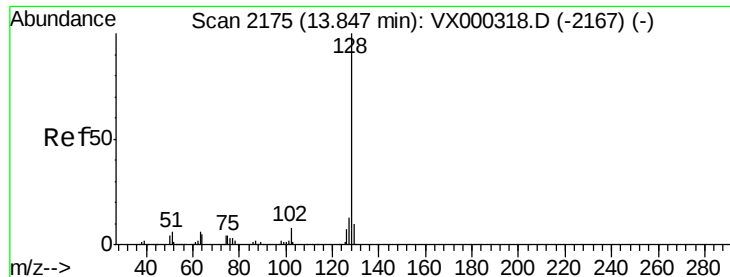
Tgt Ion:180 Resp: 48914
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.6 142.9
 145 28.9 15.1 45.3



#94
 Hexachlorobutadiene
 Concen: 18.99 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000327.D
 Acq: 15 Mar 2018 14:37

Tgt Ion:225 Resp: 19187
 Ion Ratio Lower Upper
 225 100
 223 62.0 32.0 96.0
 227 60.5 32.6 98.0





#95

Naphthalene

Concen: 18.96 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.01 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBS01

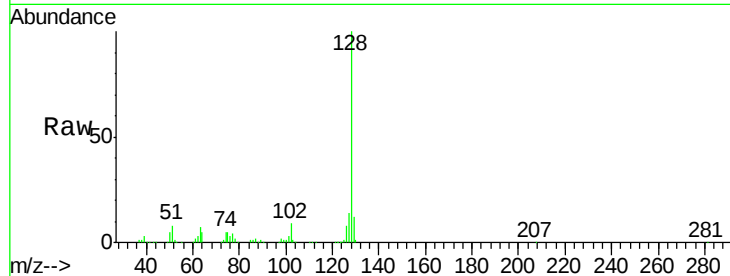
Tgt Ion:128 Resp: 168574

Ion Ratio Lower Upper

128 100

127 13.6 10.6 15.8

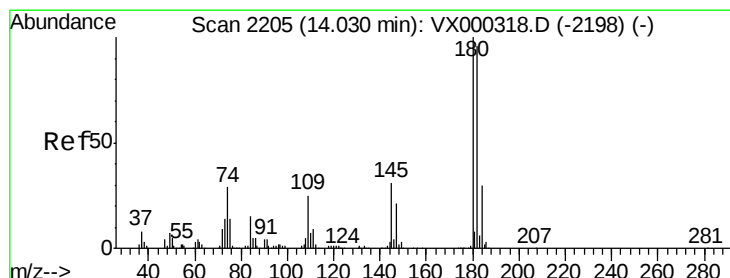
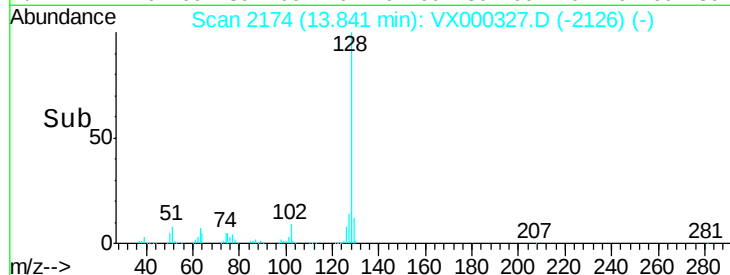
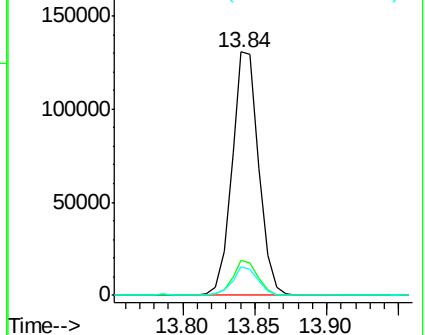
129 11.3 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.29 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000327.D

Acq: 15 Mar 2018 14:37

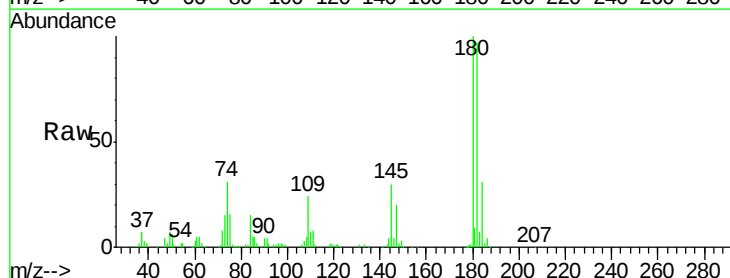
Tgt Ion:180 Resp: 47337

Ion Ratio Lower Upper

180 100

182 96.7 47.4 142.3

145 31.0 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

