

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX053018\
 Data File : VX002161.D
 Acq On : 31 May 2018 03:03
 Operator : JC/MD
 Sample : VX0530WBSD03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBSD03

Quant Time: May 31 06:37:43 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	220723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	321910	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	297552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	192321	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	172084	43.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.24%	
35) Dibromofluoromethane	5.51	113	129709	40.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.58%	
50) Toluene-d8	8.72	98	482842	41.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.86%	
62) 4-Bromofluorobenzene	11.14	95	184643	40.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.98%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	47071	15.64	ug/l	100
3) Chloromethane	1.32	50	65188	19.20	ug/l	98
4) Vinyl Chloride	1.40	62	66670	20.33	ug/l	98
5) Bromomethane	1.64	94	39394	25.63	ug/l	99
6) Chloroethane	1.73	64	43878	22.70	ug/l	98
7) Trichlorofluoromethane	1.93	101	107297	21.79	ug/l	98
8) Diethyl Ether	2.19	74	43132	24.14	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	59180	21.54	ug/l	98
10) Methyl Iodide	2.51	142	64221	17.27	ug/l	97
11) Tert butyl alcohol	3.07	59	97316	125.66	ug/l	99
12) 1,1-Dichloroethene	2.37	96	55723	21.66	ug/l	97
13) Acrolein	2.29	56	25673	76.67	ug/l	98
14) Allyl chloride	2.73	41	119143	22.06	ug/l	98
15) Acrylonitrile	3.15	53	193473	121.48	ug/l	99
16) Acetone	2.45	43	185975	122.14	ug/l	99
17) Carbon Disulfide	2.57	76	136495	18.43	ug/l	97
18) Methyl Acetate	2.78	43	99713	26.65	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	231277	23.90	ug/l	100
20) Methylene Chloride	2.86	84	70259	25.84	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	61182	23.59	ug/l	97
22) Diisopropyl ether	3.88	45	221638	20.18	ug/l	100
23) Vinyl Acetate	3.83	43	946799	103.96	ug/l	99
24) 1,1-Dichloroethane	3.70	63	109430	20.97	ug/l	99
25) 2-Butanone	4.71	43	268595	96.24	ug/l	100
26) 2,2-Dichloropropane	4.59	77	67051	12.70	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	64388	19.19	ug/l	95
28) Bromochloromethane	5.03	49	56631	24.80	ug/l	98
29) Tetrahydrofuran	5.17	42	179234	98.71	ug/l	99
30) Chloroform	5.22	83	115048	19.57	ug/l	100
31) Cyclohexane	5.58	56	99377	18.28	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	99436	18.14	ug/l	99
36) 1,1-Dichloropropene	5.80	75	79399	17.73	ug/l	98
37) Ethyl Acetate	4.87	43	105411	18.06	ug/l	99
38) Carbon Tetrachloride	5.79	117	84554	16.19	ug/l	98

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 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	96555	17.55	ug/l	94
40) Benzene	6.15	78	249318	19.01	ug/l	99
41) Methacrylonitrile	5.07	41	59364	18.41	ug/l	99
42) 1,2-Dichloroethane	6.20	62	100652	19.21	ug/l	99
43) Isopropyl Acetate	6.47	43	176569	18.15	ug/l	100
44) Trichloroethene	7.22	130	70649	18.48	ug/l	97
45) 1,2-Dichloropropane	7.52	63	67959	19.08	ug/l	99
46) Dibromomethane	7.67	93	45486	19.28	ug/l	99
47) Bromodichloromethane	7.90	83	82432	16.39	ug/l	100
48) Methyl methacrylate	7.78	41	89313	18.04	ug/l	98
49) 1,4-Dioxane	7.76	88	34390	394.22	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	572498	97.64	ug/l	99
52) Toluene	8.79	92	160468	19.22	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	96107	16.59	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	88912	15.75	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	67128	19.25	ug/l	99
56) Ethyl methacrylate	9.18	69	106491	17.75	ug/l	98
57) 1,3-Dichloropropane	9.38	76	113387	19.74	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	246844	92.84	ug/l	99
59) 2-Hexanone	9.50	43	430101	95.13	ug/l	100
60) Dibromochloromethane	9.59	129	65069	15.75	ug/l	100
61) 1,2-Dibromoethane	9.68	107	69297	18.94	ug/l	98
64) Tetrachloroethene	9.34	164	80901	18.96	ug/l	98
65) Chlorobenzene	10.14	112	180415	19.14	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	64800	17.02	ug/l	99
67) Ethyl Benzene	10.26	91	307017	18.74	ug/l	100
68) m/p-Xylenes	10.36	106	235525	37.62	ug/l	100
69) o-Xylene	10.70	106	117851	18.85	ug/l	99
70) Styrene	10.71	104	192124	18.53	ug/l	100
71) Bromoform	10.86	173	48704	13.49	ug/l	99
73) Isopropylbenzene	11.02	105	311194	19.11	ug/l	99
74) N-amyl acetate	6.47	43	176569	18.94	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	93998	20.35	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	114981	24.89	ug/l	82
77) Bromobenzene	11.26	156	83515	19.33	ug/l	97
78) n-propylbenzene	11.37	91	343699	18.84	ug/l	99
79) 2-Chlorotoluene	11.43	91	209636	19.55	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	263133	18.91	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	25143	13.08	ug/l	87
82) 4-Chlorotoluene	11.51	91	243363	18.92	ug/l	100
83) tert-Butylbenzene	11.77	119	252108	18.46	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	267895	18.63	ug/l	99
85) sec-Butylbenzene	11.95	105	304260	18.53	ug/l	99
86) p-Isopropyltoluene	12.07	119	269732	18.36	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	146468	18.93	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	148500	19.20	ug/l	99
89) n-Butylbenzene	12.39	91	222728	17.89	ug/l	99
90) Hexachloroethane	12.60	117	40087	13.83	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	152793	19.38	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	21933	15.15	ug/l	99

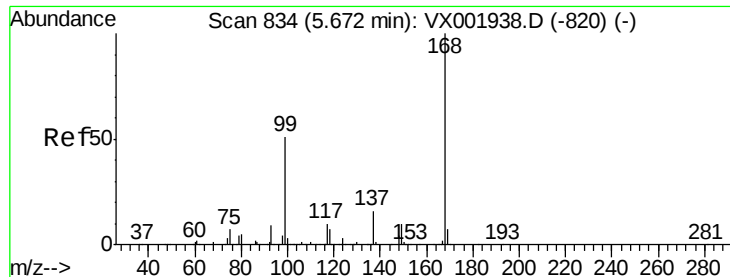
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX053018\
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QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	104794	18.59	ug/l	99
94) Hexachlorobutadiene	13.79	225	54891	18.10	ug/l	99
95) Naphthalene	13.84	128	330193	19.01	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	108684	18.63	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

Instrument :

MSVOA_X

ClientSampleId :

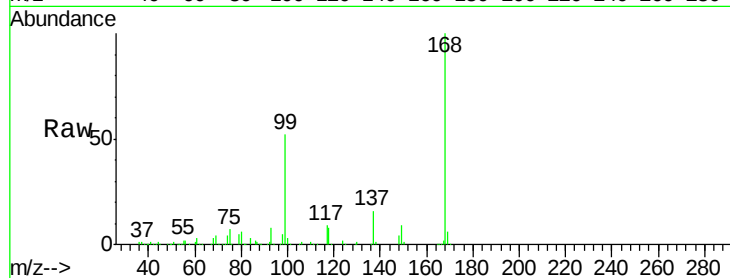
VX0530WBSD03

Tgt Ion:168 Resp: 220723

Ion Ratio Lower Upper

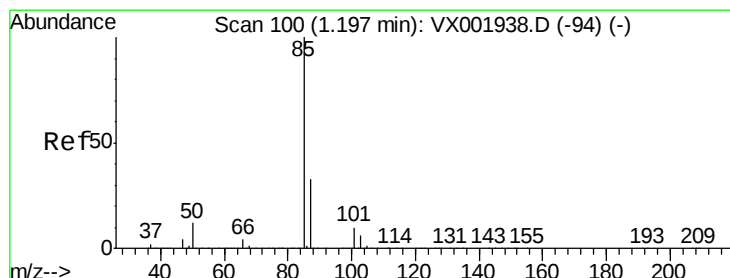
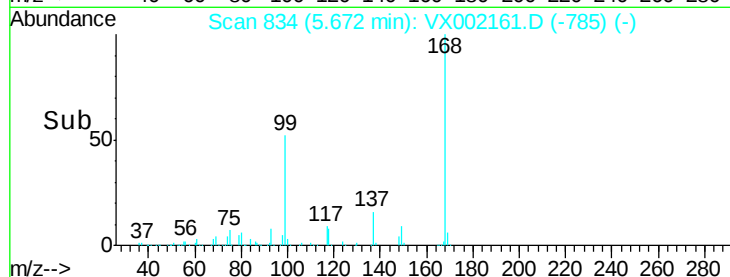
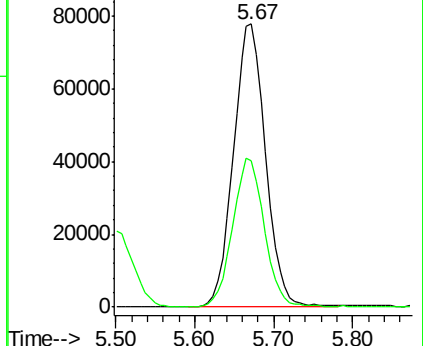
168 100

99 51.7 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 15.64 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002161.D

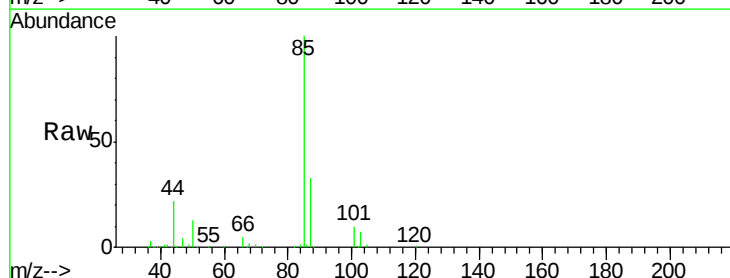
Acq: 31 May 2018 03:03

Tgt Ion: 85 Resp: 47071

Ion Ratio Lower Upper

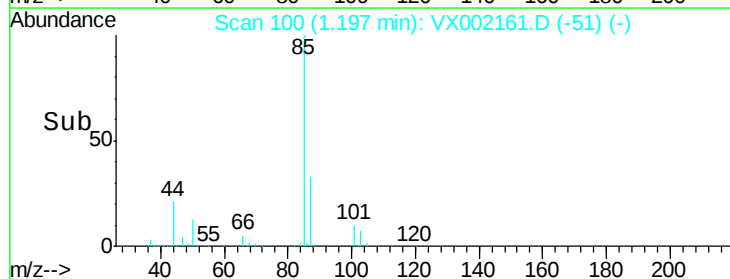
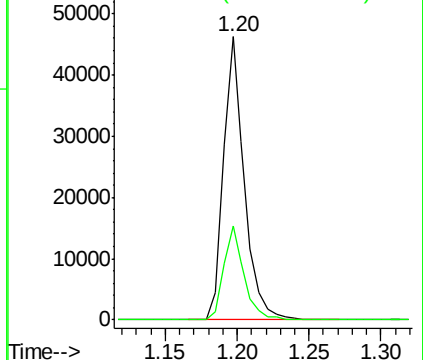
85 100

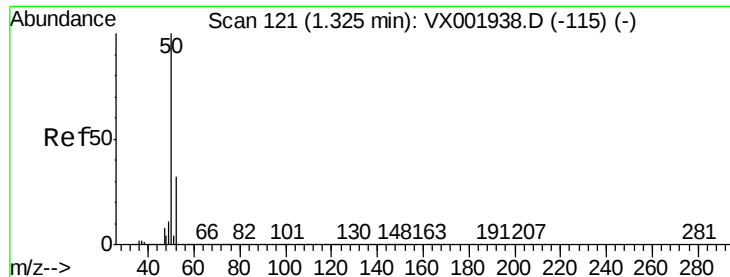
87 33.2 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.20 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

Instrument :

MSVOA_X

ClientSampleId :

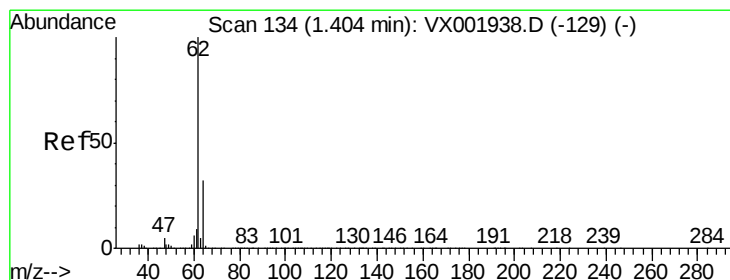
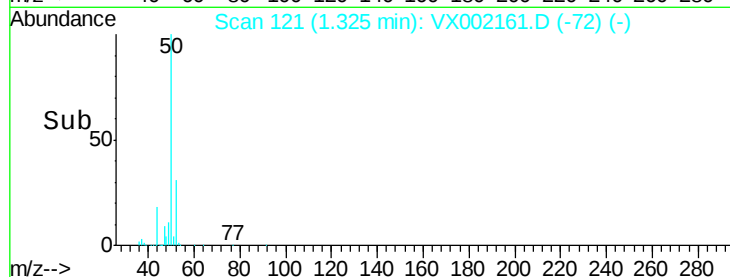
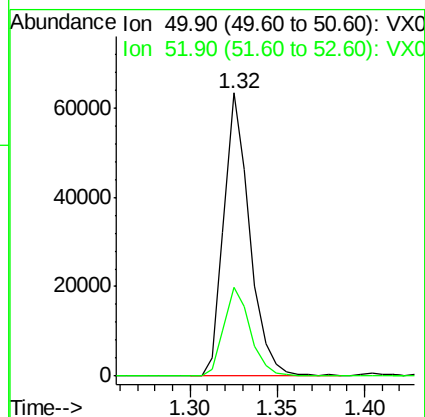
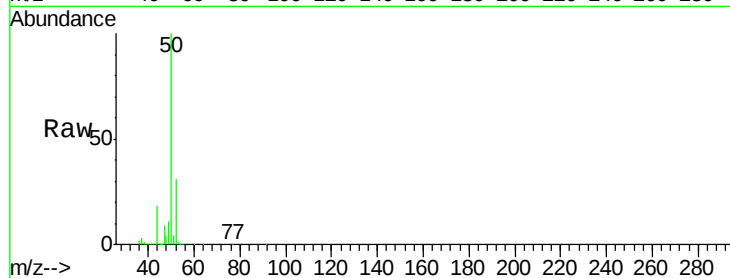
VX0530WBSD03

Tgt Ion: 50 Resp: 65188

Ion Ratio Lower Upper

50 100

52 31.4 26.0 39.0



#4

Vinyl Chloride

Concen: 20.33 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002161.D

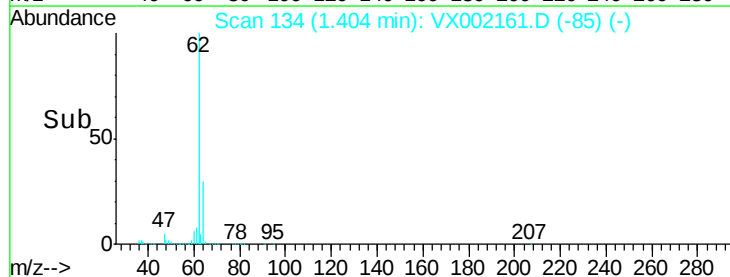
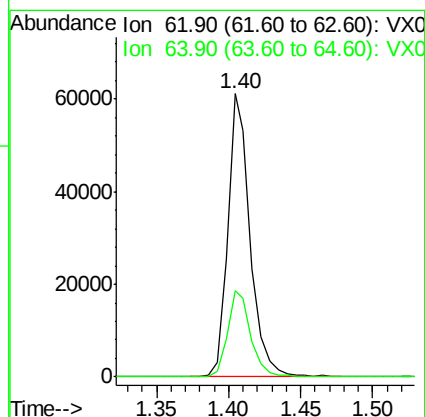
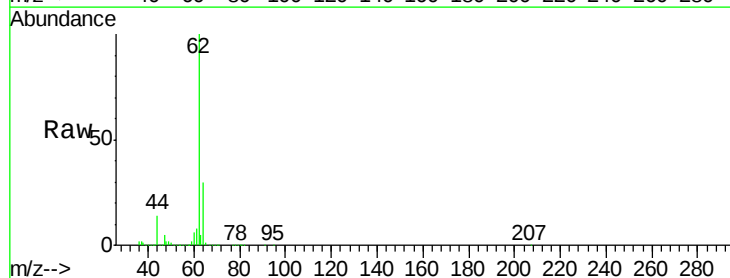
Acq: 31 May 2018 03:03

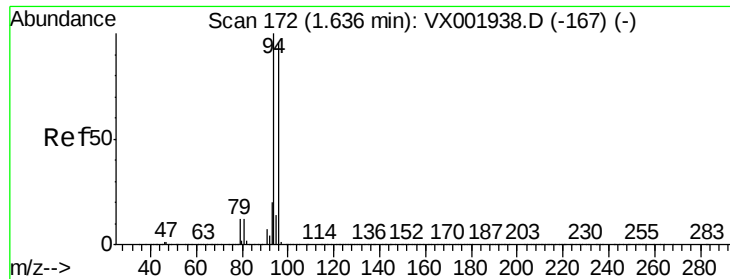
Tgt Ion: 62 Resp: 66670

Ion Ratio Lower Upper

62 100

64 30.3 25.4 38.0





#5

Bromomethane

Concen: 25.63 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

Instrument :

MSVOA_X

ClientSampleId :

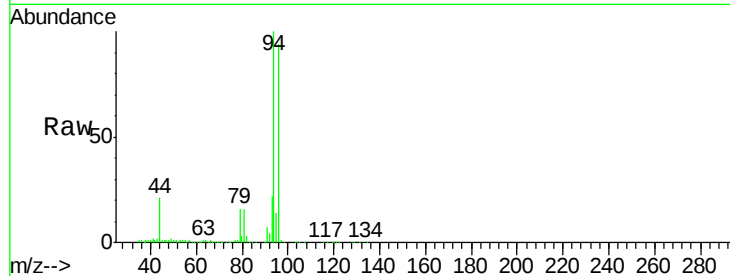
VX0530WBSD03

Tgt Ion: 94 Resp: 39394

Ion Ratio Lower Upper

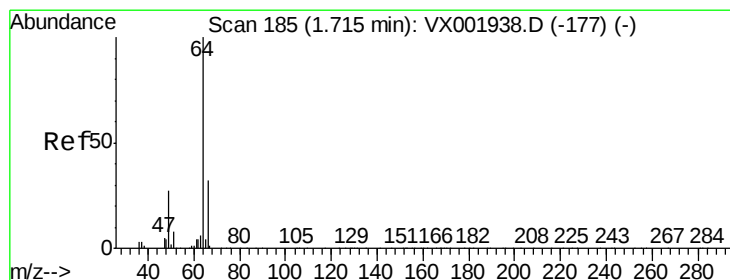
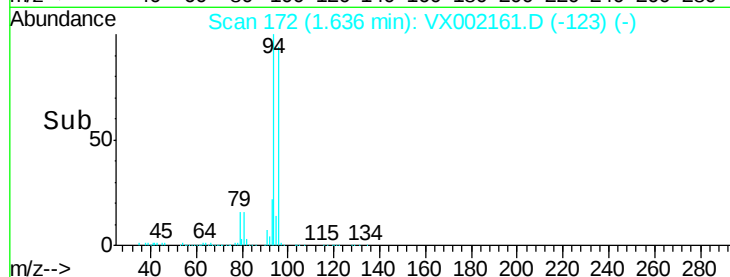
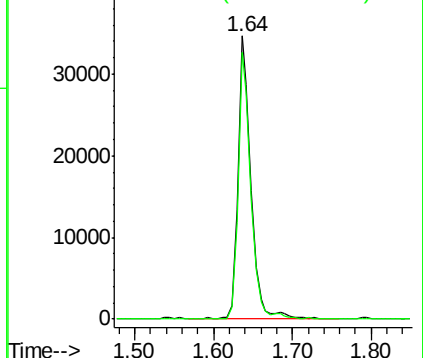
94 100

96 94.3 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 22.70 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002161.D

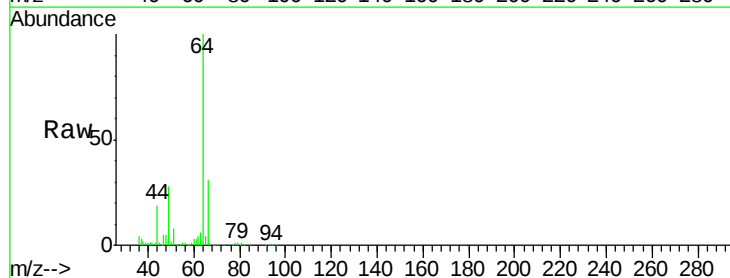
Acq: 31 May 2018 03:03

Tgt Ion: 64 Resp: 43878

Ion Ratio Lower Upper

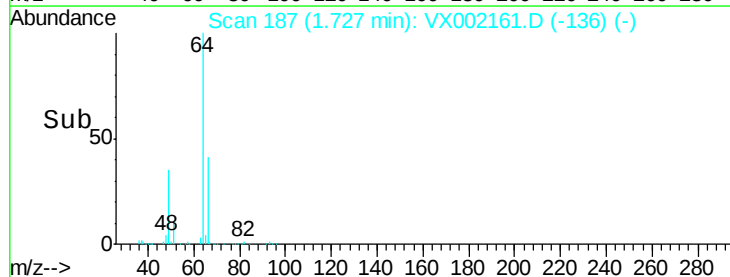
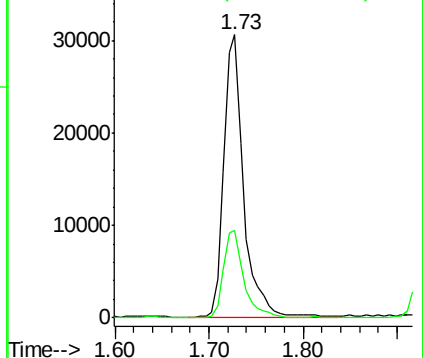
64 100

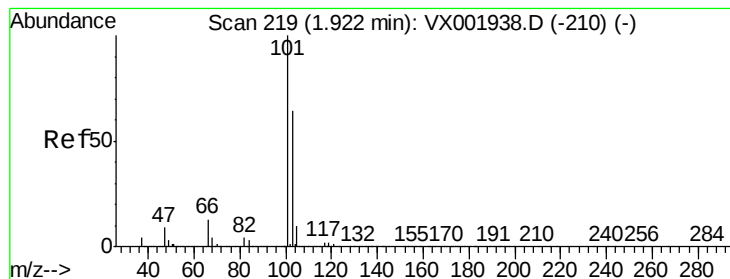
66 30.8 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



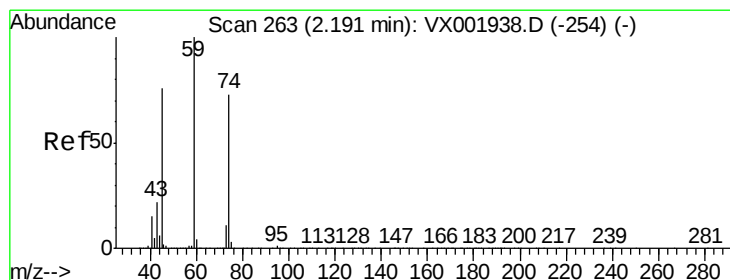
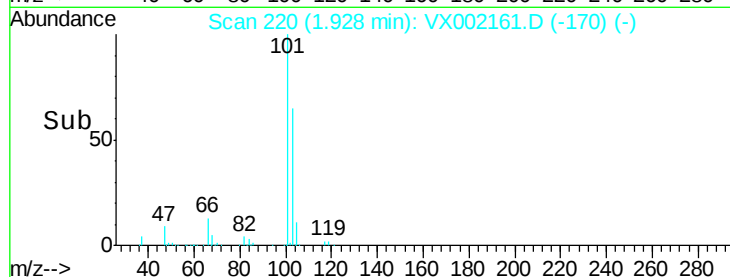
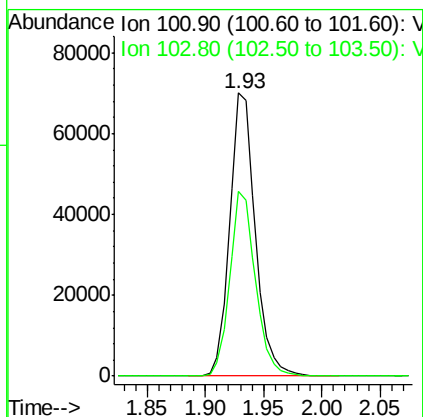
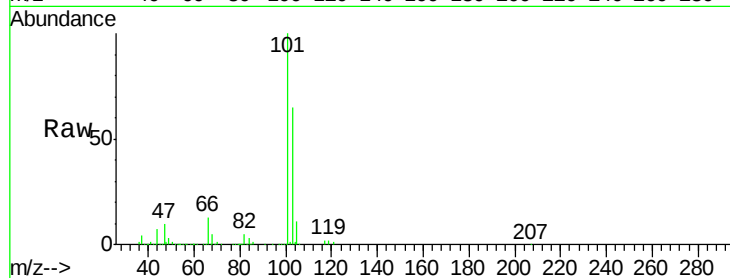


#7

Trichlorofluoromethane
Concen: 21.79 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX002161.D
Acq: 31 May 2018 03:03

Instrument :
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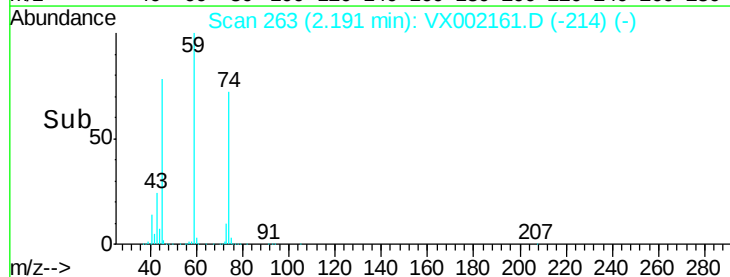
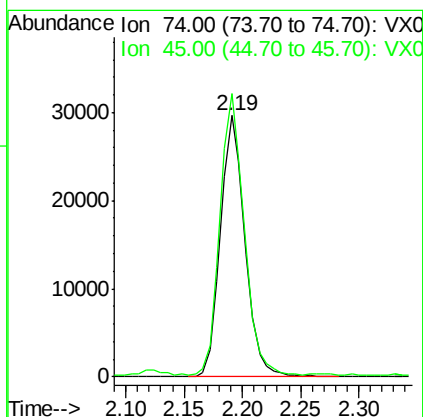
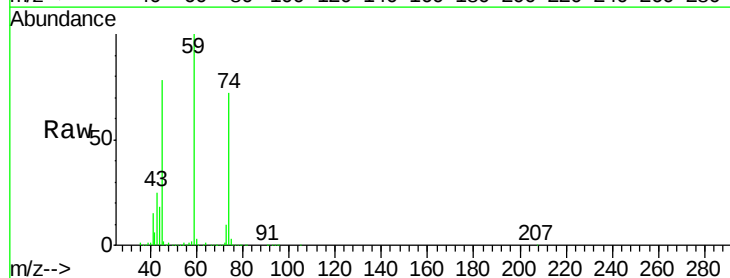
Tgt Ion:101 Resp: 107297
Ion Ratio Lower Upper
101 100
103 65.5 51.4 77.0

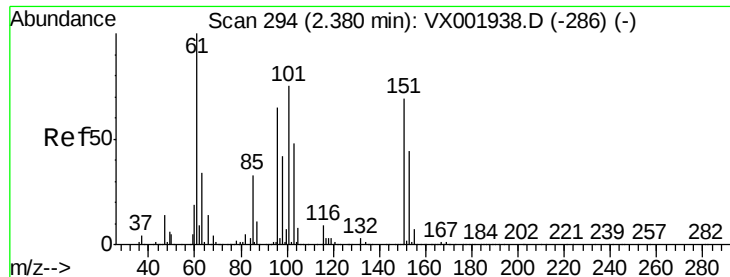


#8

Diethyl Ether
Concen: 24.14 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002161.D
Acq: 31 May 2018 03:03

Tgt Ion: 74 Resp: 43132
Ion Ratio Lower Upper
74 100
45 105.2 51.5 154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.54 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD03

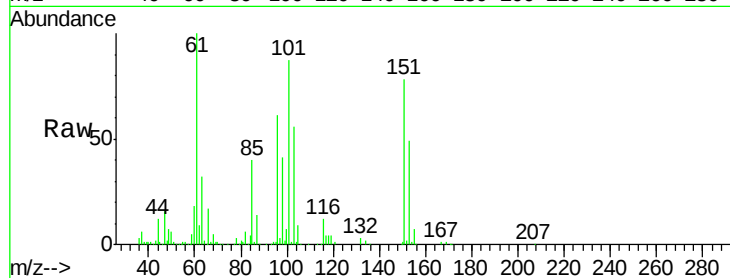
Tgt Ion:101 Resp: 59180

Ion Ratio Lower Upper

101 100

85 45.3 35.6 53.4

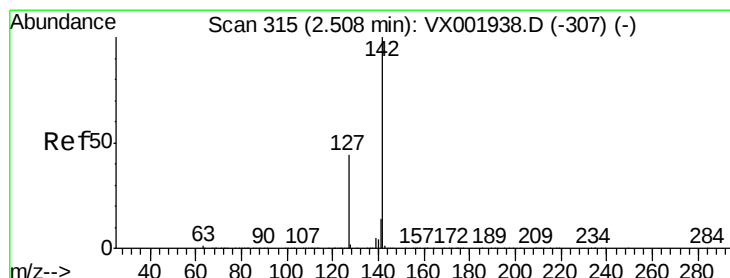
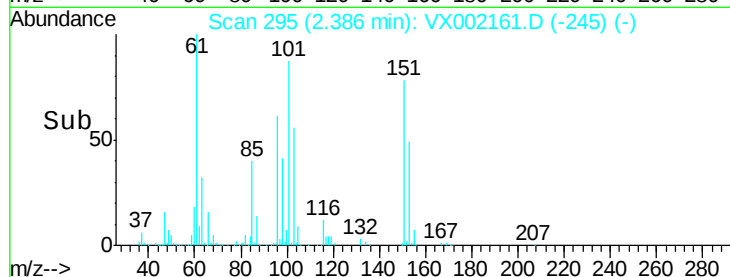
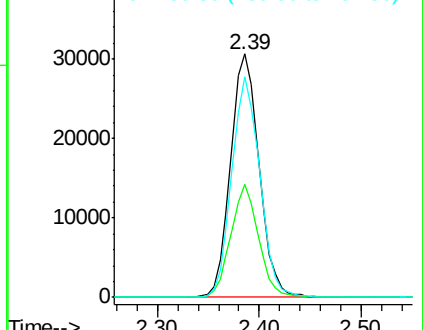
151 89.0 73.2 109.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.27 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

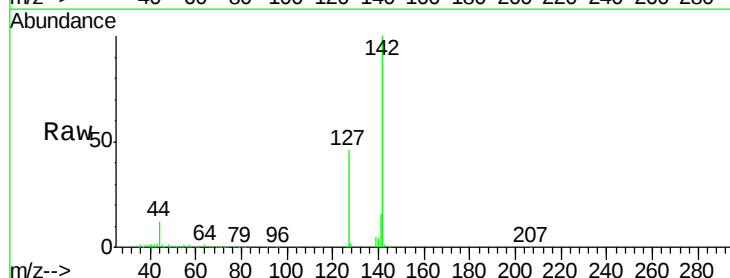
Tgt Ion:142 Resp: 64221

Ion Ratio Lower Upper

142 100

127 46.2 35.5 53.3

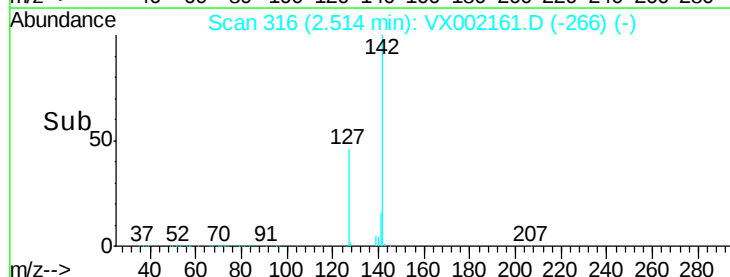
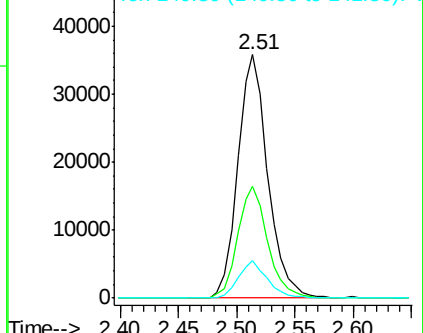
141 15.0 11.3 16.9

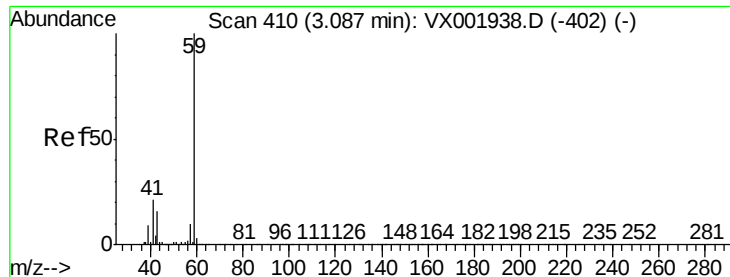


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



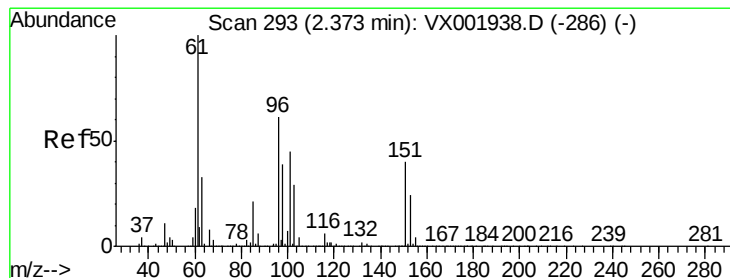
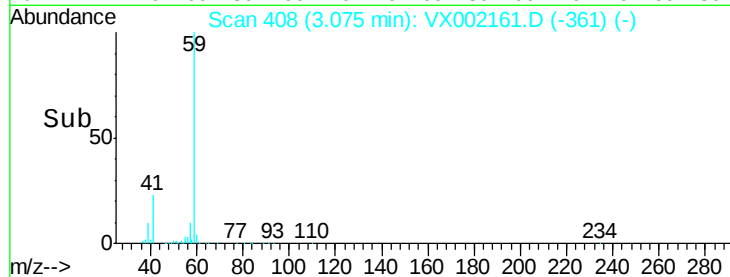
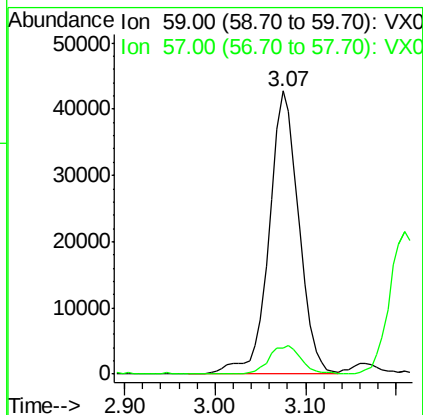
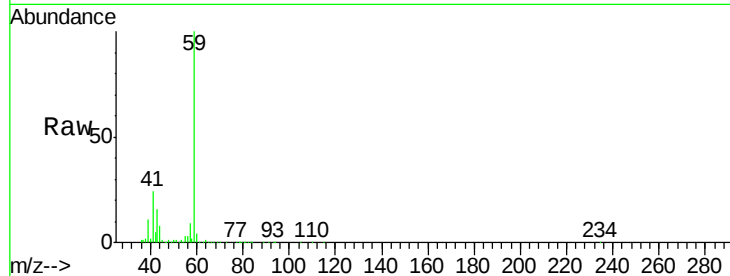


#11

Tert butyl alcohol
 Concen: 125.66 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX002161.D
 Acq: 31 May 2018 03:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBSD03

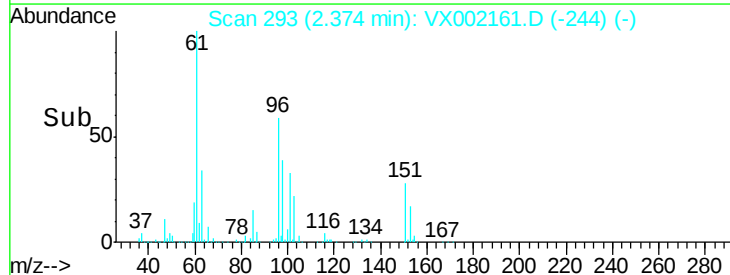
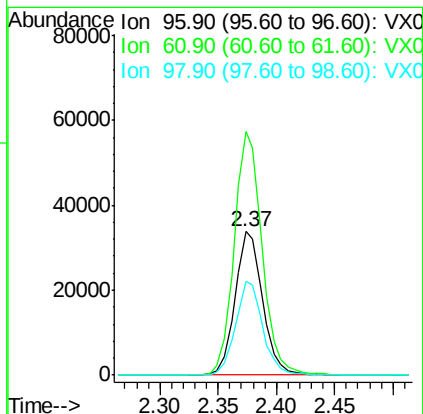
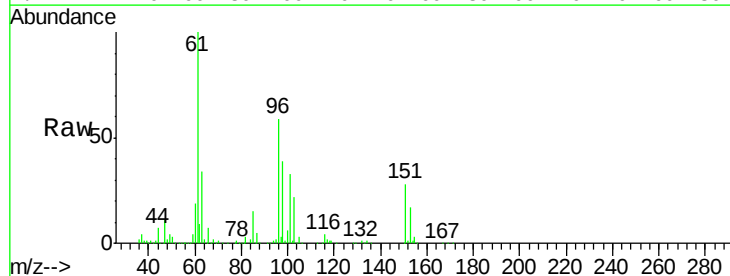
Tgt Ion: 59 Resp: 97316
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.9 13.3

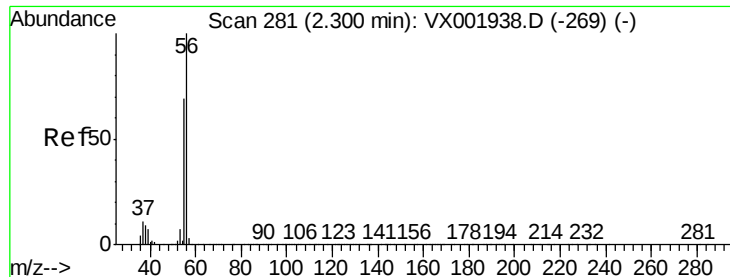


#12

1,1-Dichloroethene
 Concen: 21.66 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX002161.D
 Acq: 31 May 2018 03:03

Tgt Ion: 96 Resp: 55723
 Ion Ratio Lower Upper
 96 100
 61 169.6 131.7 197.5
 98 65.4 51.6 77.4





#13

Acrolein

Concen: 76.67 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

Instrument :

MSVOA_X

ClientSampleId :

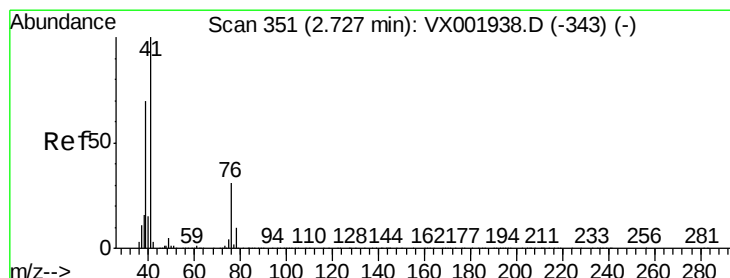
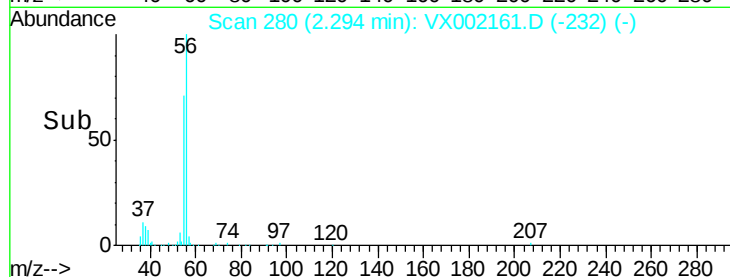
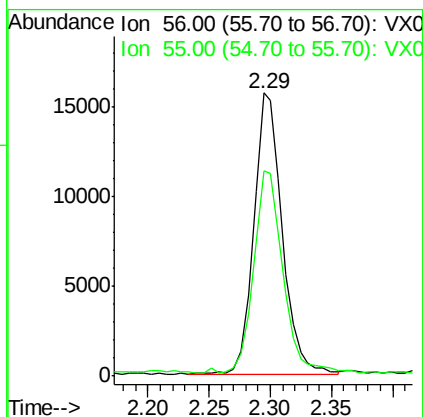
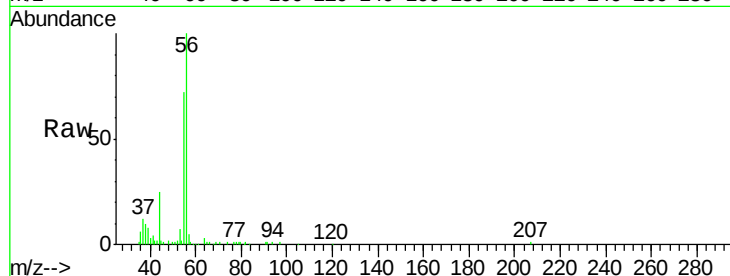
VX0530WBSD03

Tgt Ion: 56 Resp: 25673

Ion Ratio Lower Upper

56 100

55 72.9 56.8 85.2



#14

Allyl chloride

Concen: 22.06 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

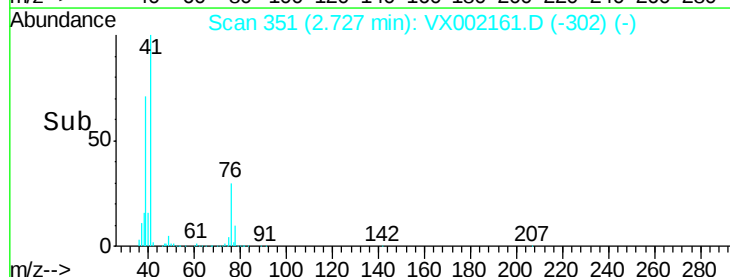
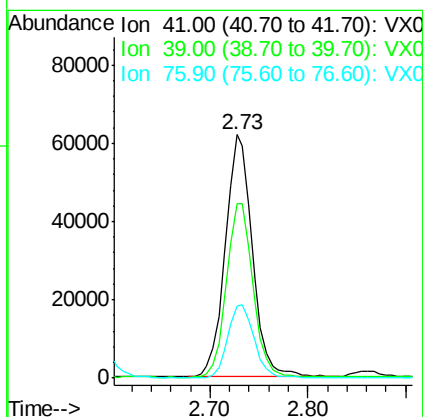
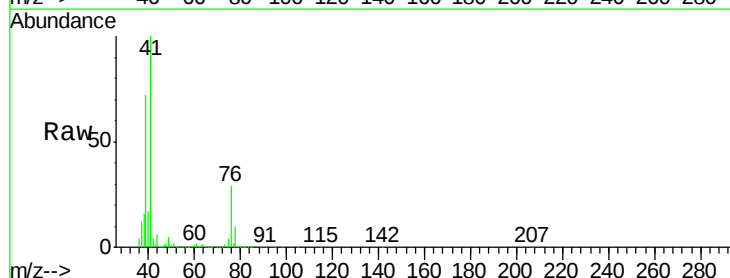
Tgt Ion: 41 Resp: 119143

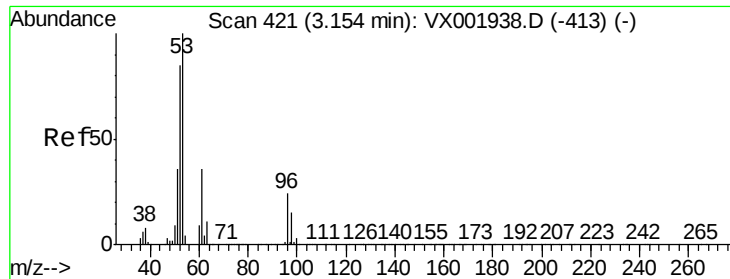
Ion Ratio Lower Upper

41 100

39 70.0 54.3 81.5

76 29.2 24.2 36.4





#15

Acrylonitrile

Concen: 121.48 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD03

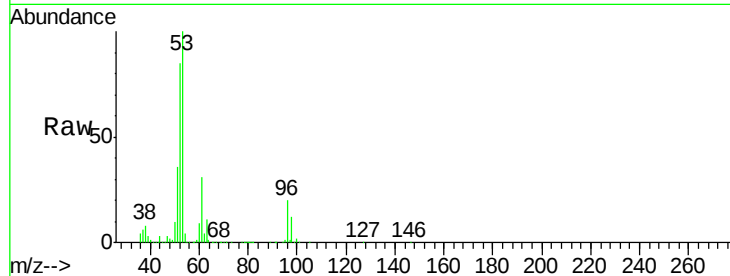
Tgt Ion: 53 Resp: 193473

Ion Ratio Lower Upper

53 100

52 84.2 66.4 99.6

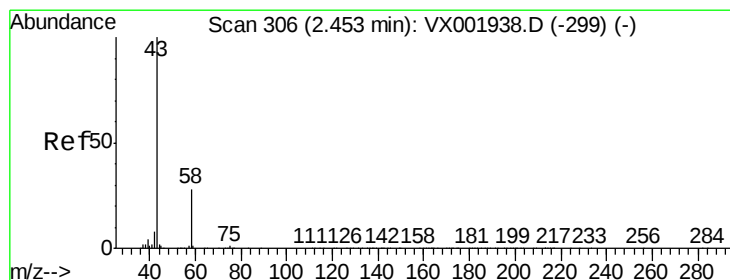
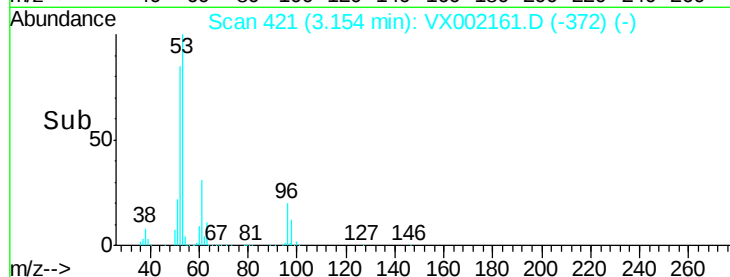
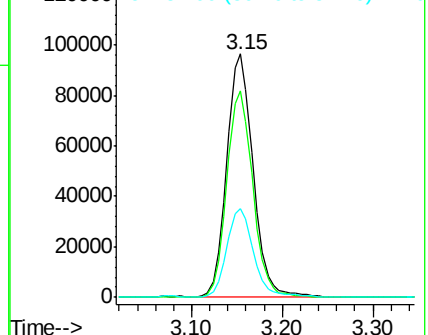
51 37.4 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 122.14 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002161.D

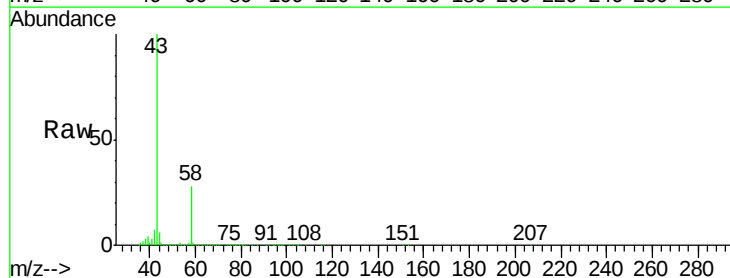
Acq: 31 May 2018 03:03

Tgt Ion: 43 Resp: 185975

Ion Ratio Lower Upper

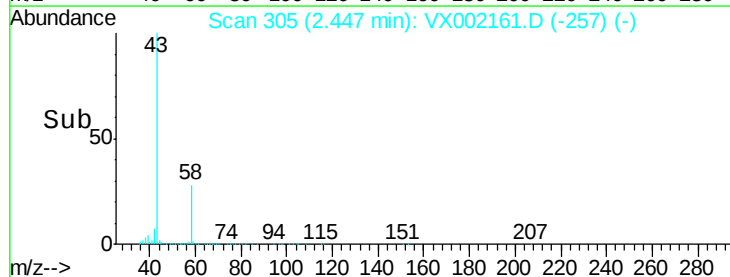
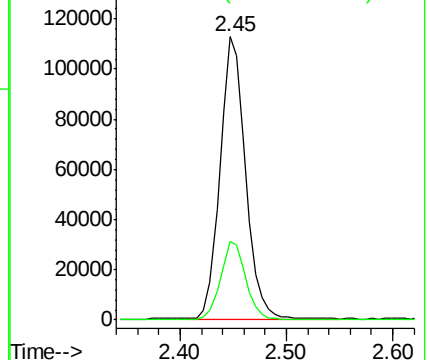
43 100

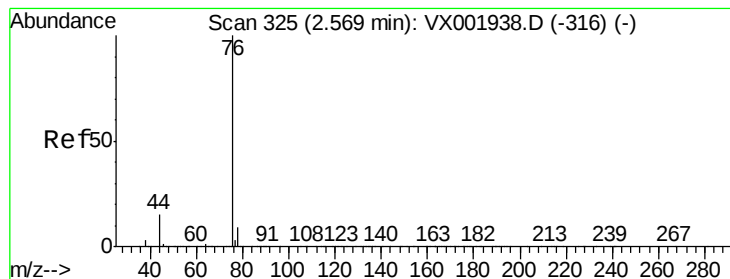
58 27.6 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.43 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

Instrument :

MSVOA_X

ClientSampleId :

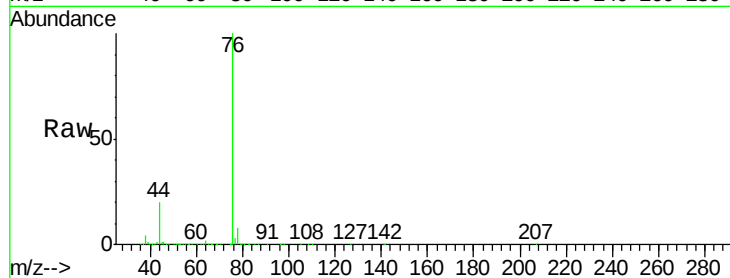
VX0530WBSD03

Tgt Ion: 76 Resp: 136495

Ion Ratio Lower Upper

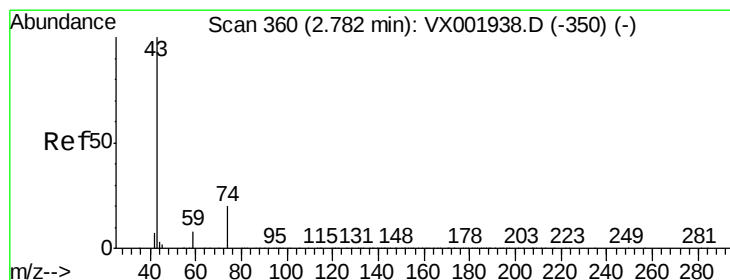
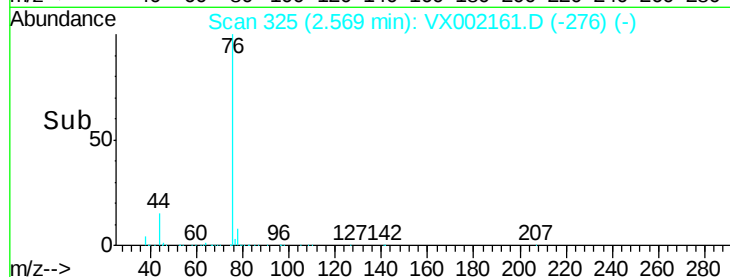
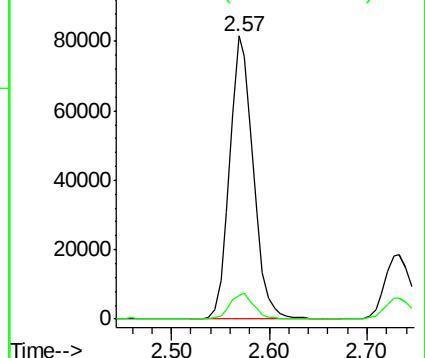
76 100

78 8.3 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 26.65 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002161.D

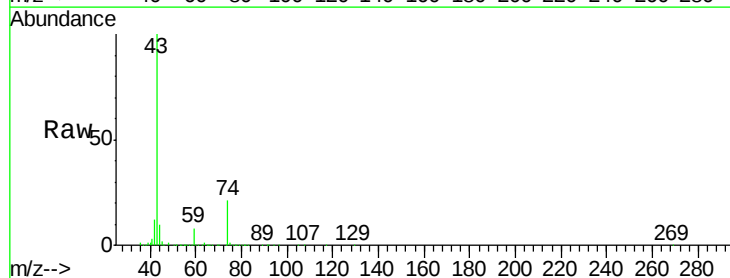
Acq: 31 May 2018 03:03

Tgt Ion: 43 Resp: 99713

Ion Ratio Lower Upper

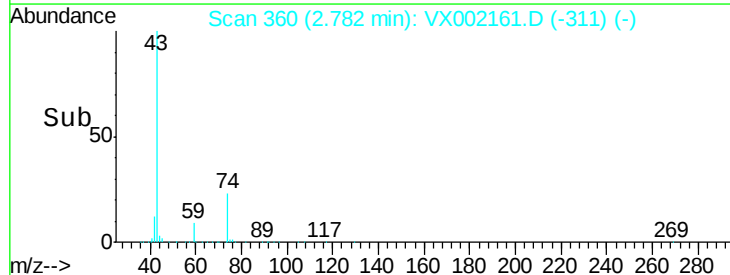
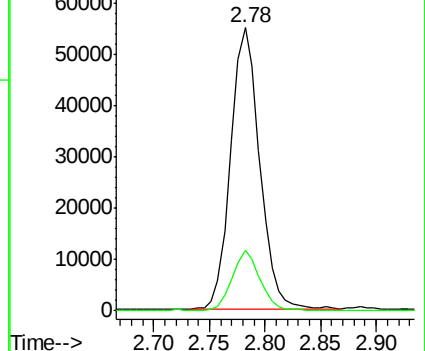
43 100

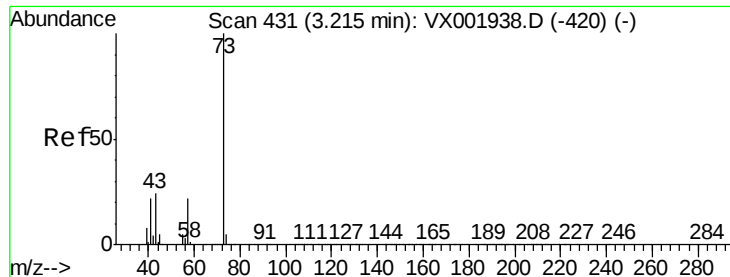
74 21.1 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

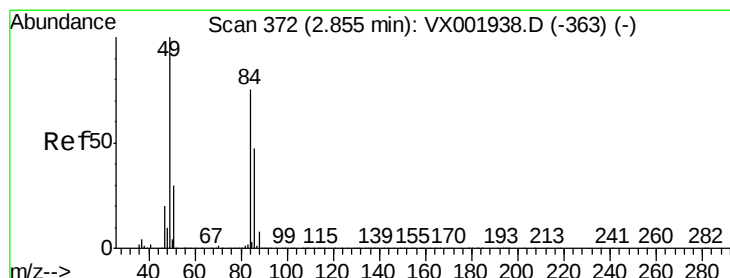
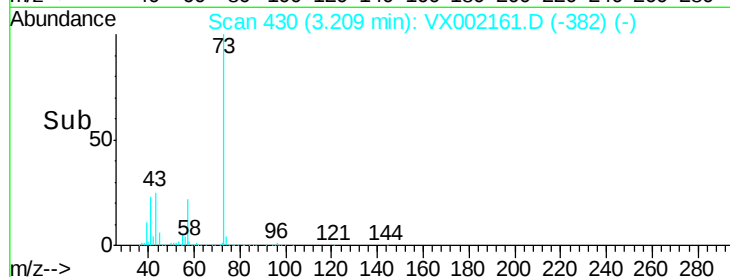
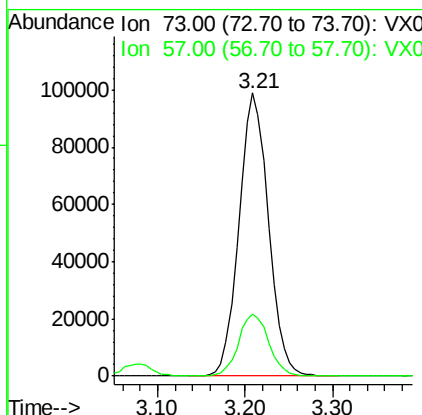
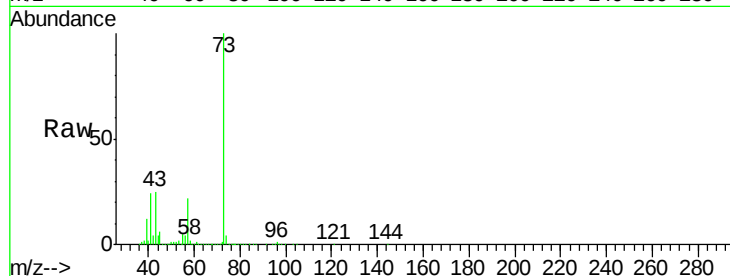




#19
Methyl tert-butyl Ether
Concen: 23.90 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX002161.D
Acq: 31 May 2018 03:03

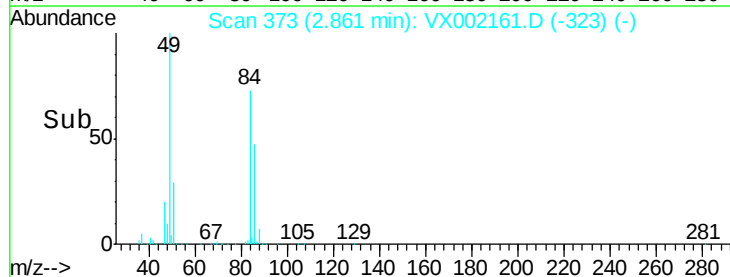
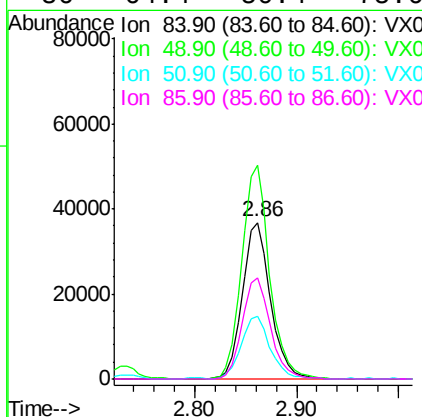
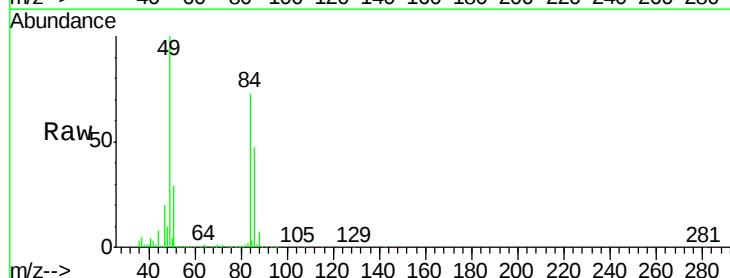
Instrument :
MSVOA_X
ClientSampleId :
VX0530WBSD03

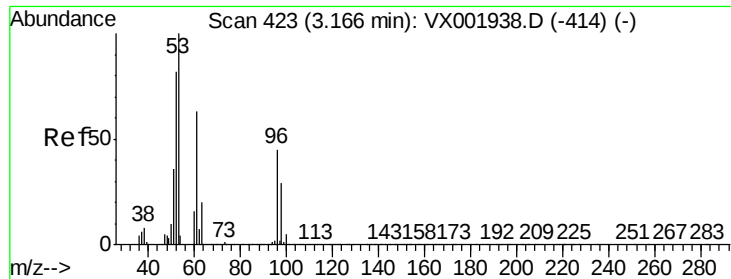
Tgt Ion: 73 Resp: 231277
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.0



#20
Methylene Chloride
Concen: 25.84 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002161.D
Acq: 31 May 2018 03:03

Tgt Ion: 84 Resp: 70259
Ion Ratio Lower Upper
84 100
49 136.3 107.2 160.8
51 39.7 32.4 48.6
86 64.4 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 23.59 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD03

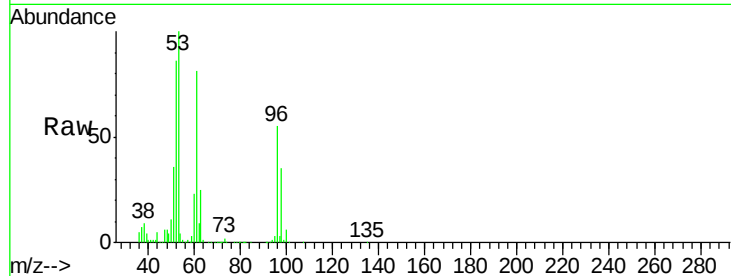
Tgt Ion: 96 Resp: 61182

Ion Ratio Lower Upper

96 100

61 145.9 113.3 169.9

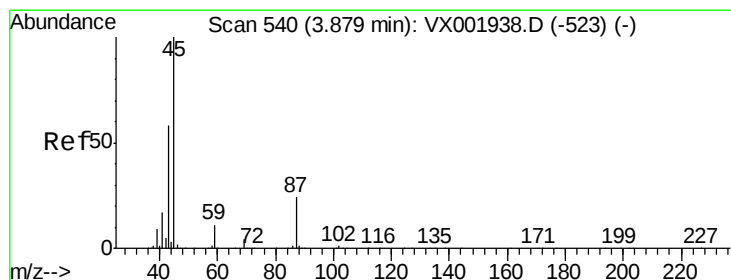
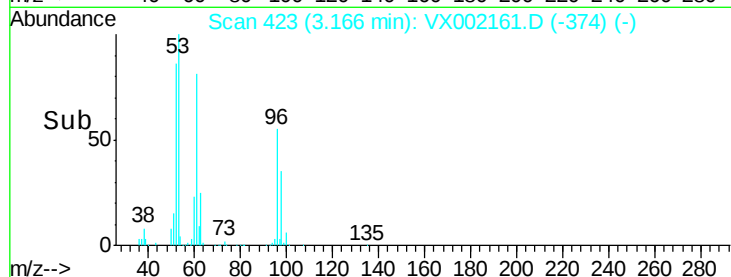
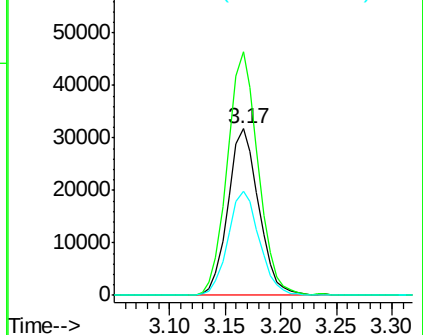
98 62.8 51.7 77.5



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: 20.18 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

Tgt Ion: 45 Resp: 221638

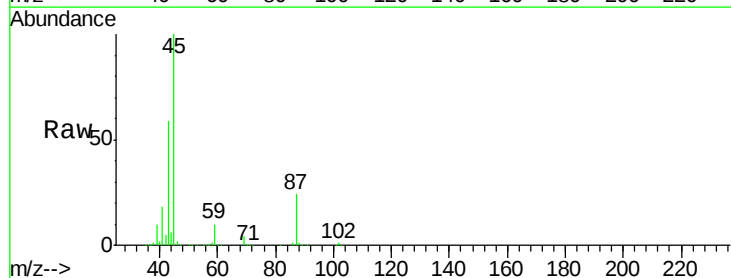
Ion Ratio Lower Upper

45 100

43 59.1 47.0 70.6

87 24.2 19.4 29.0

59 10.4 8.5 12.7

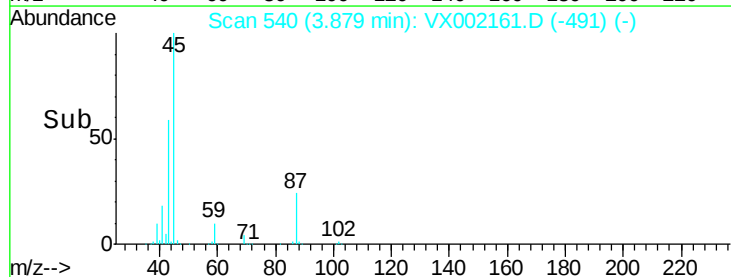
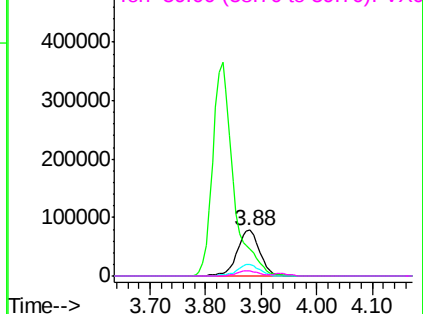


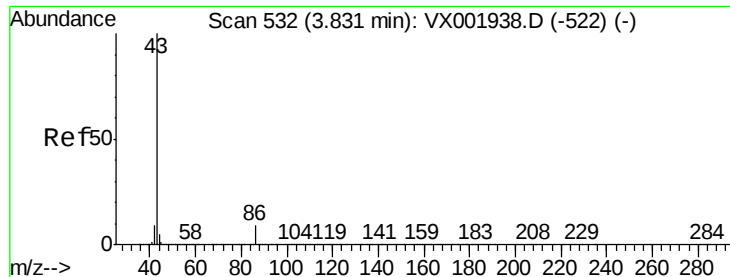
Abundance Ion 45.00 (44.70 to 45.70): VX0

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

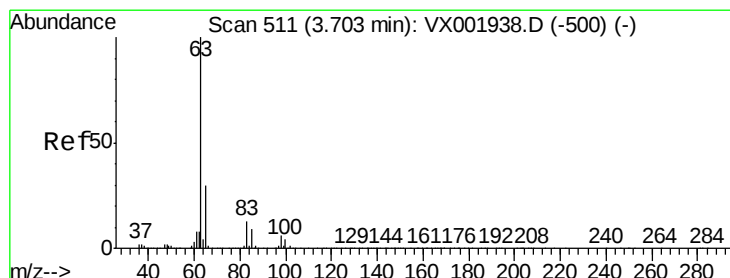
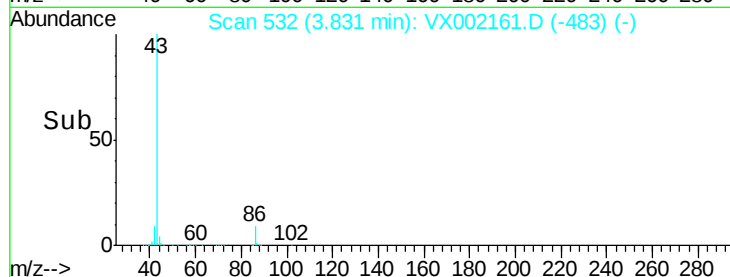
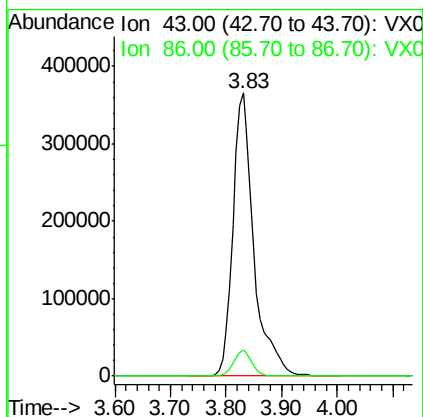
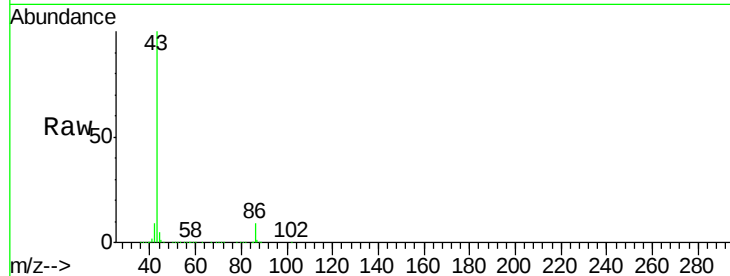




#23
 Vinyl Acetate
 Concen: 103.96 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VX002161.D
 Acq: 31 May 2018 03:03

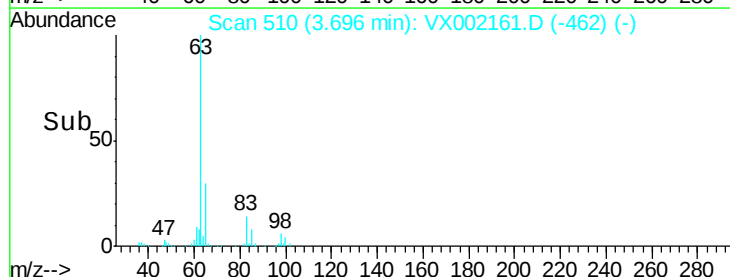
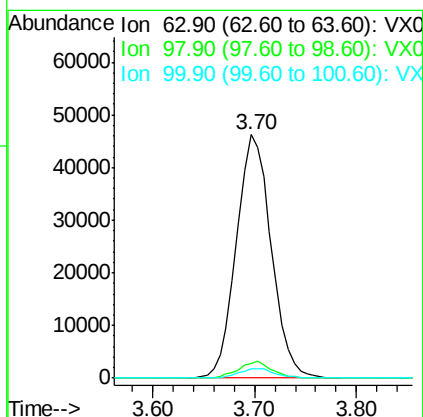
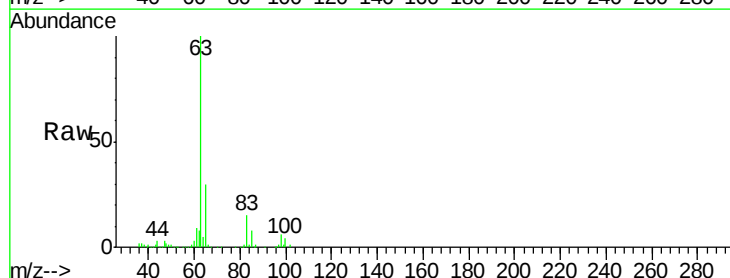
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBSD03

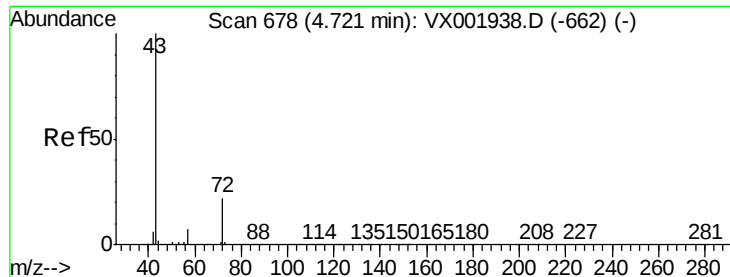
Tgt Ion: 43 Resp: 946799
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 20.97 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: VX002161.D
 Acq: 31 May 2018 03:03

Tgt Ion: 63 Resp: 109430
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.3 9.8
 100 4.0 2.1 6.5

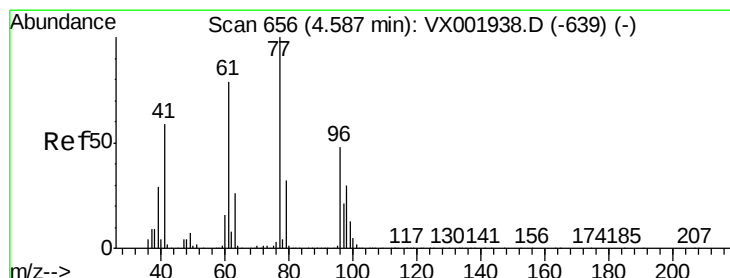
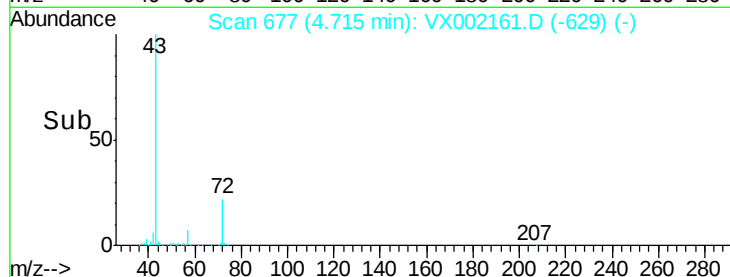
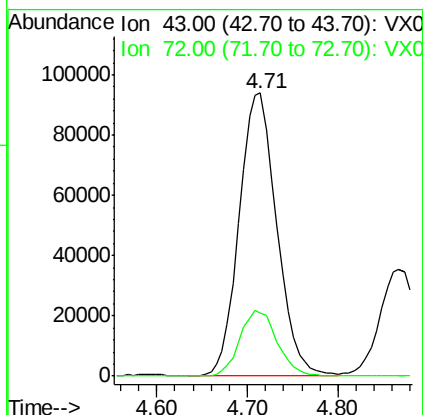
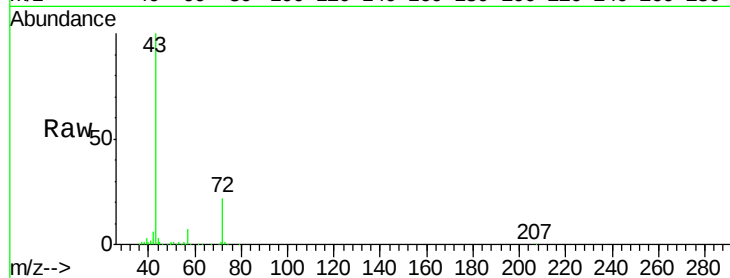




#25
2-Butanone
Concen: 96.24 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.01 min
Lab File: VX002161.D
Acq: 31 May 2018 03:03

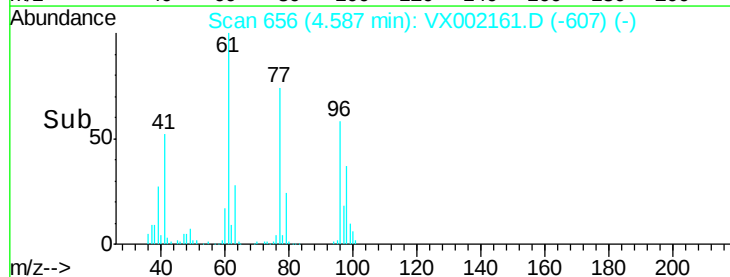
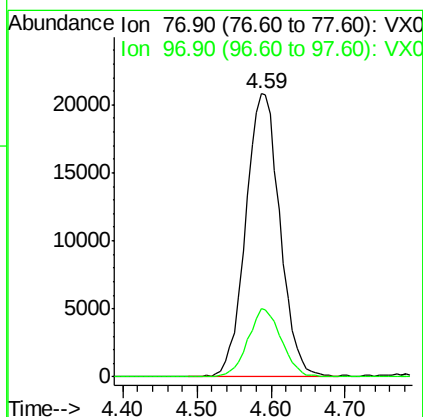
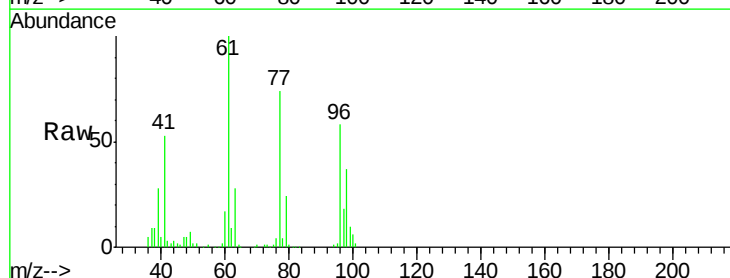
Instrument :
MSVOA_X
ClientSampleId :
VX0530WBSD03

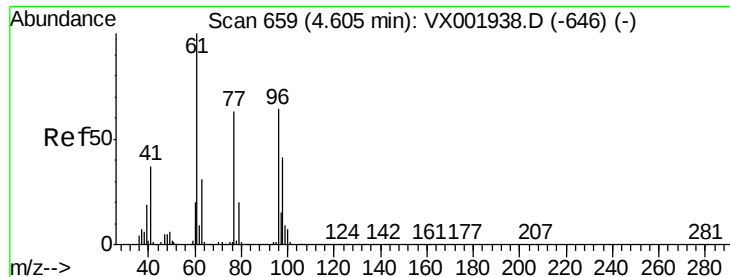
Tgt Ion: 43 Resp: 268595
Ion Ratio Lower Upper
43 100
72 22.3 17.9 26.9



#26
2,2-Dichloropropane
Concen: 12.70 ug/l
RT: 4.59 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX002161.D
Acq: 31 May 2018 03:03

Tgt Ion: 77 Resp: 67051
Ion Ratio Lower Upper
77 100
97 23.5 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 19.19 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD03

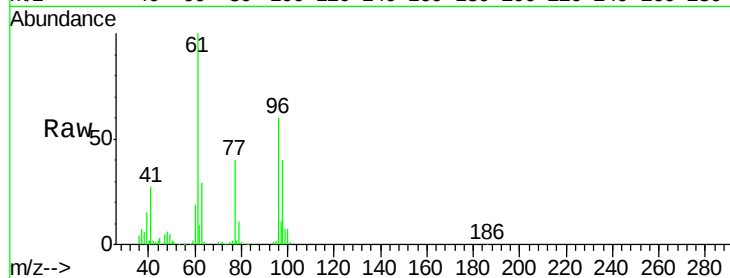
Tgt Ion: 96 Resp: 64388

Ion Ratio Lower Upper

96 100

61 182.6 0.0 348.4

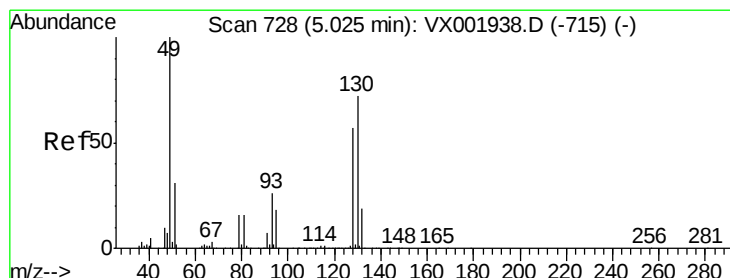
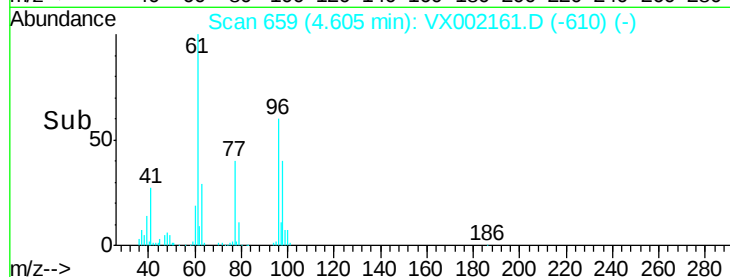
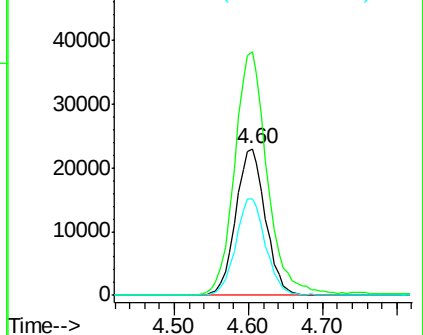
98 65.8 0.0 128.6



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: 24.80 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

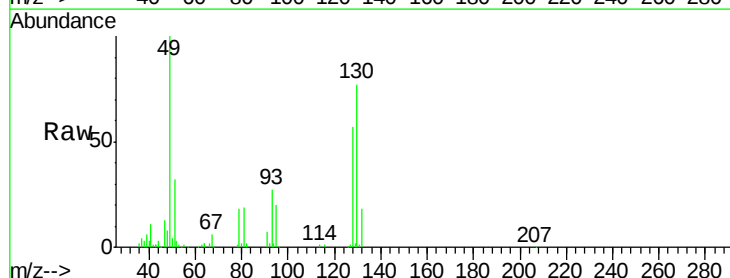
Tgt Ion: 49 Resp: 56631

Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

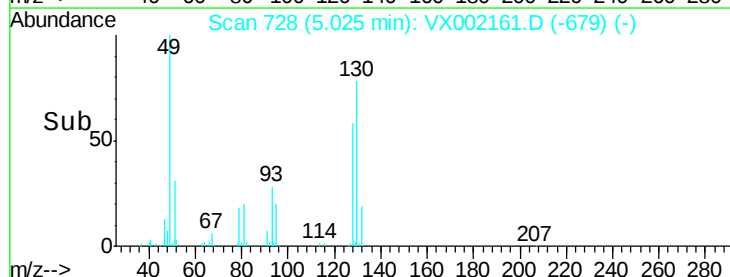
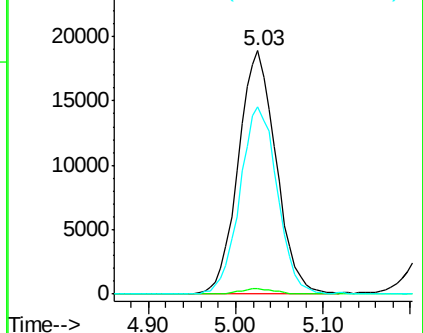
130 76.3 59.4 89.2

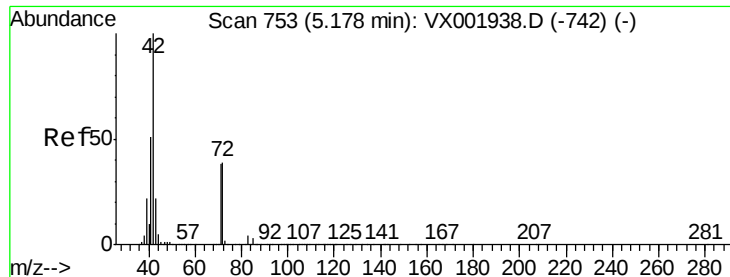


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 98.71 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.01 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD03

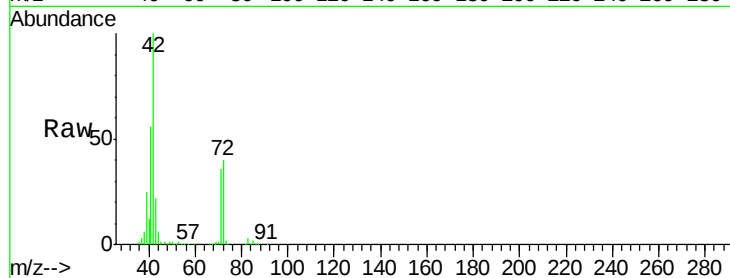
Tgt Ion: 42 Resp: 179234

Ion Ratio Lower Upper

42 100

72 39.6 31.4 47.0

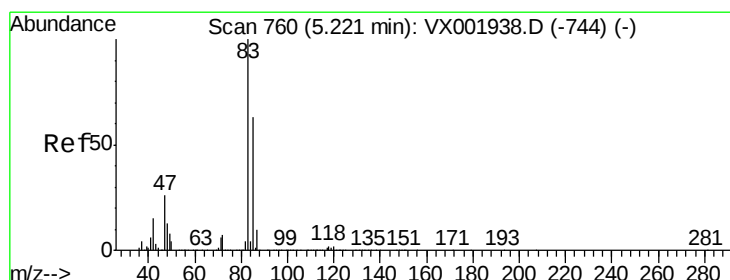
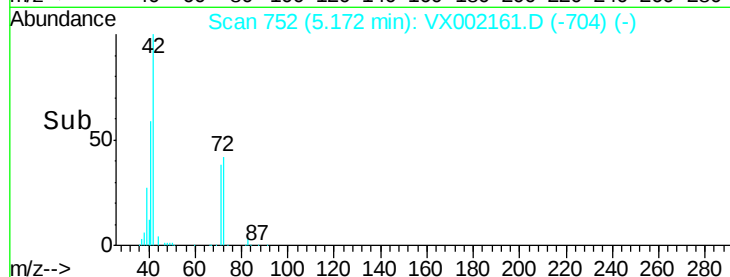
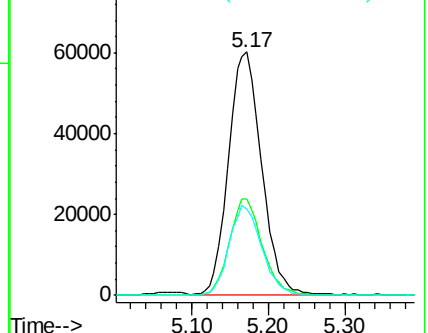
71 36.6 29.5 44.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.57 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX002161.D

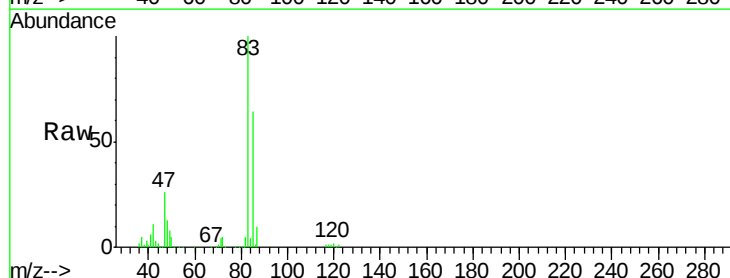
Acq: 31 May 2018 03:03

Tgt Ion: 83 Resp: 115048

Ion Ratio Lower Upper

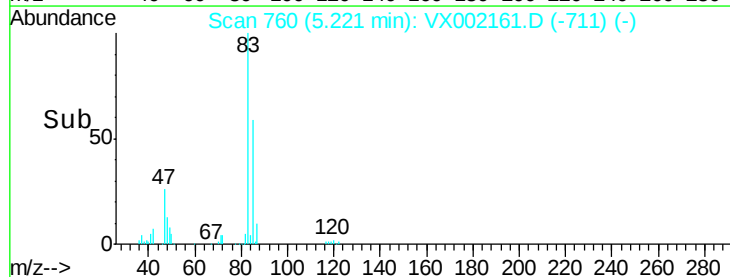
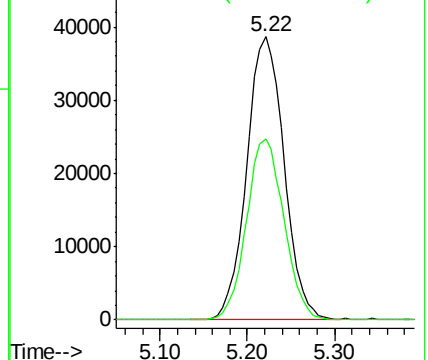
83 100

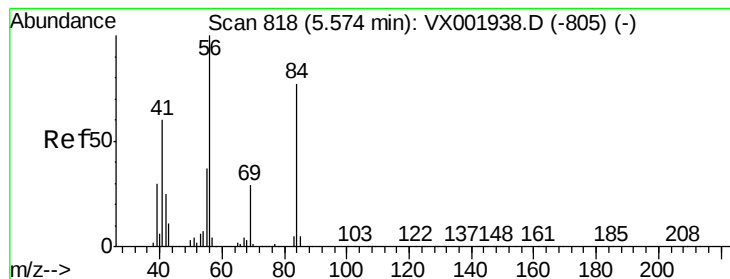
85 63.8 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

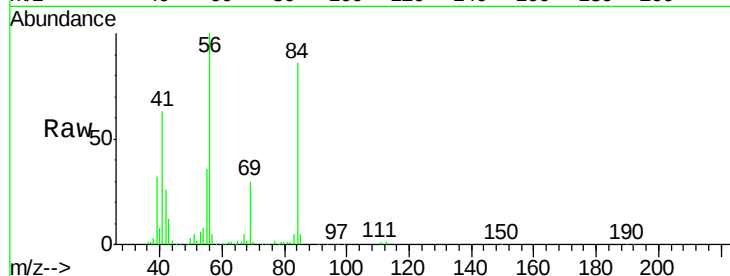




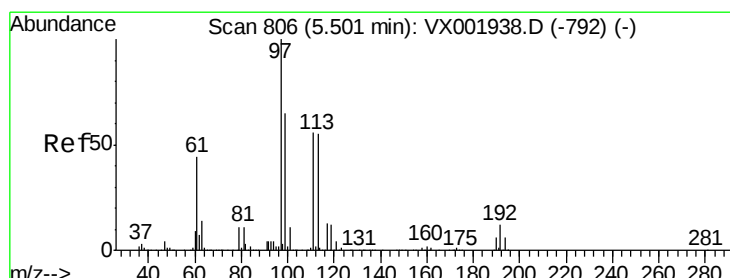
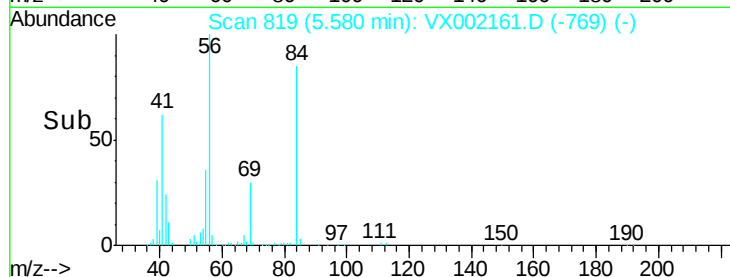
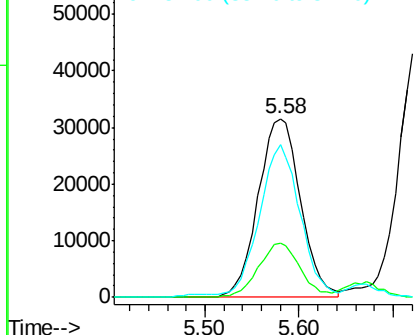
#31
Cyclohexane
Concen: 18.28 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX002161.D
Acq: 31 May 2018 03:03

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBSD03

Tgt Ion	Resp	Lower	Upper
56	100		
69	30.2	23.1	34.7
84	84.3	62.0	93.0

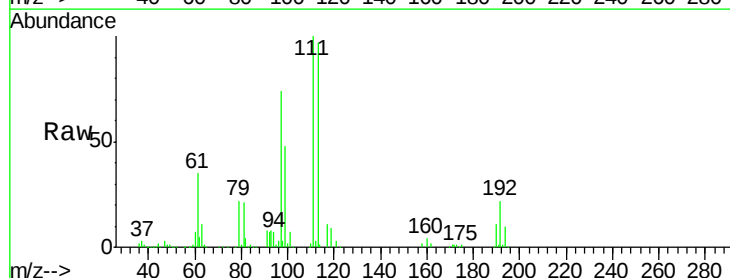


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

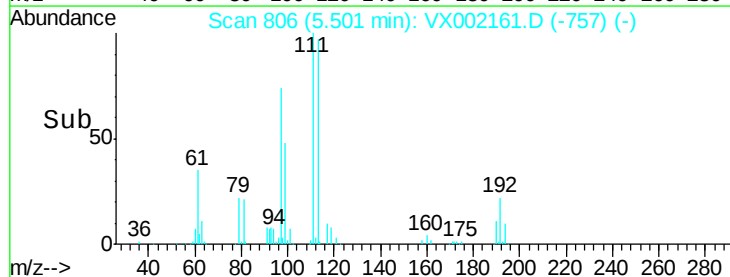
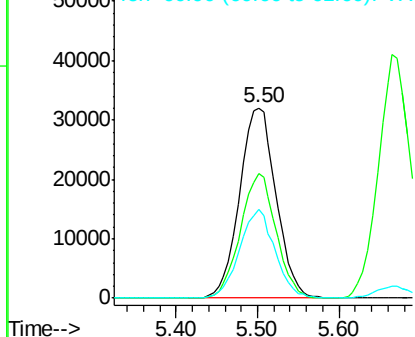


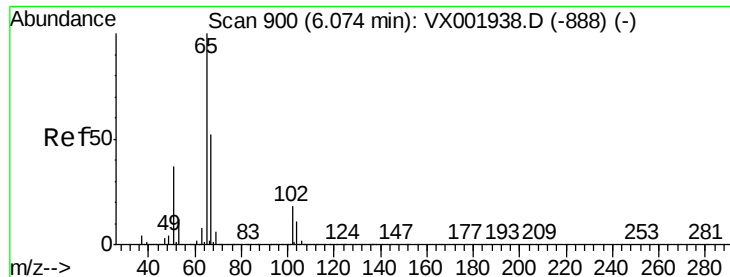
#32
1,1,1-Trichloroethane
Concen: 18.14 ug/l
RT: 5.50 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX002161.D
Acq: 31 May 2018 03:03

Tgt Ion	Resp	Lower	Upper
97	100		
99	63.9	51.9	77.9
61	45.5	35.9	53.9



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: 43.62 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

Instrument :

MSVOA_X

ClientSampleId :

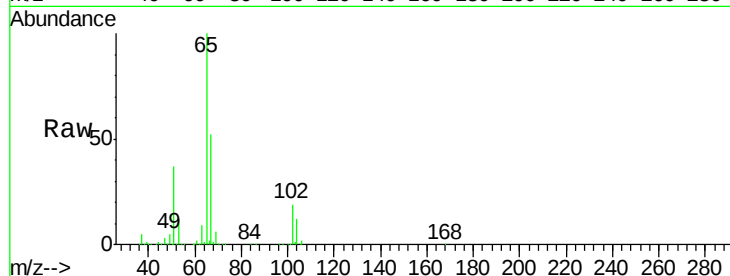
VX0530WBSD03

Tgt Ion: 65 Resp: 172084

Ion Ratio Lower Upper

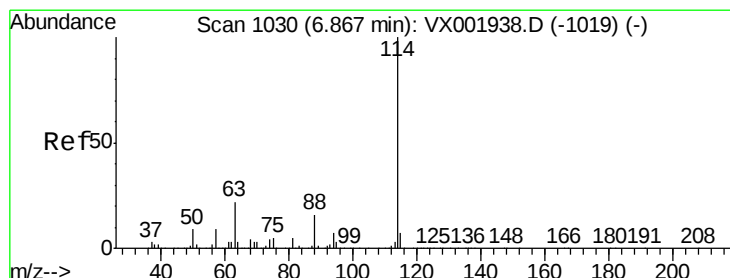
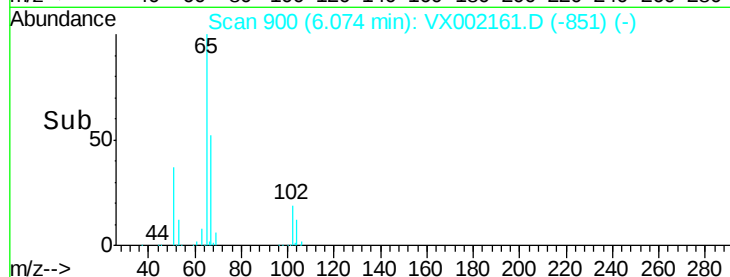
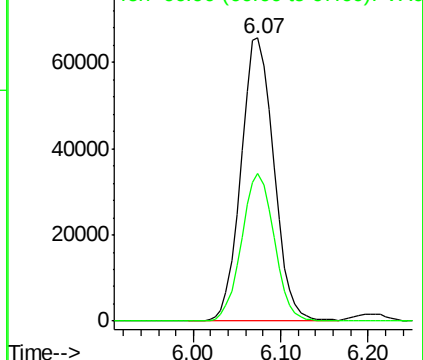
65 100

67 51.8 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

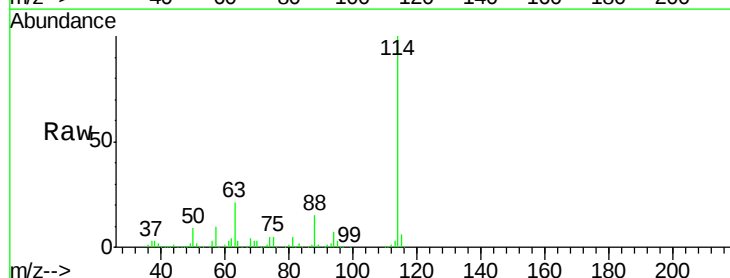
Tgt Ion: 114 Resp: 321910

Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.2

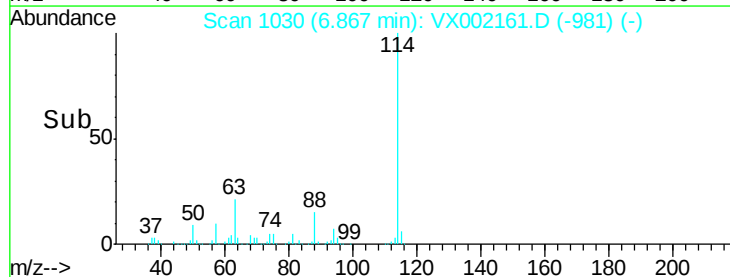
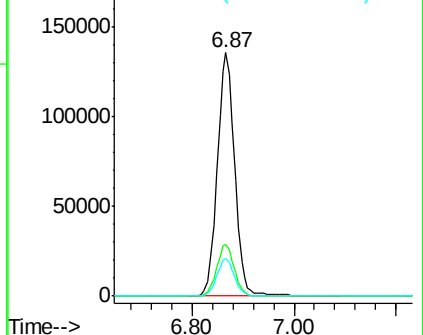
88 15.5 0.0 31.6

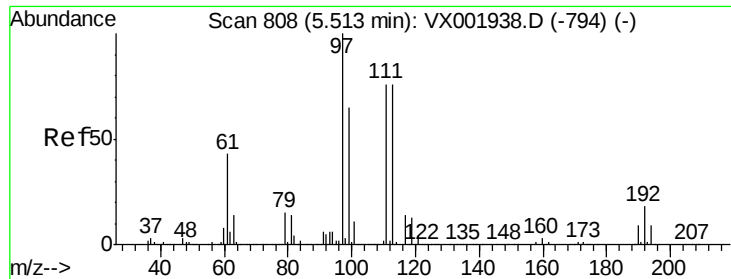


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 40.29 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD03

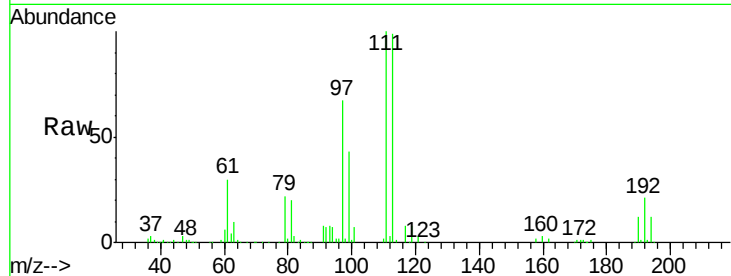
Tgt Ion:113 Resp: 129709

Ion Ratio Lower Upper

113 100

111 103.3 82.0 123.0

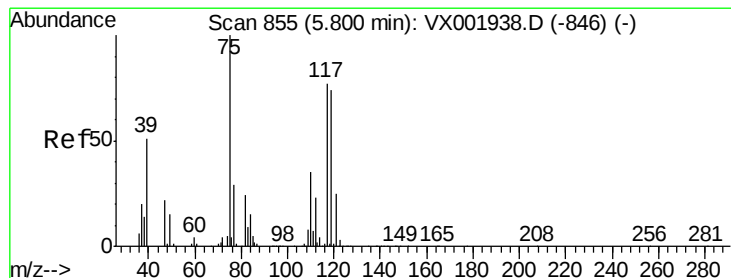
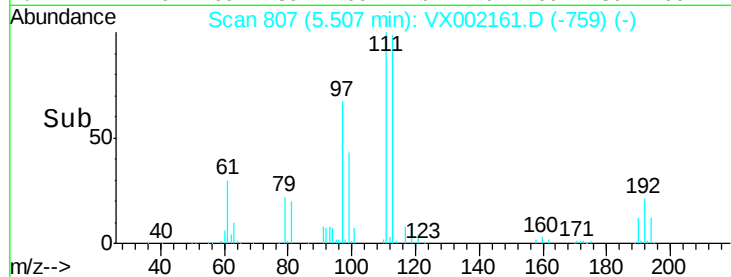
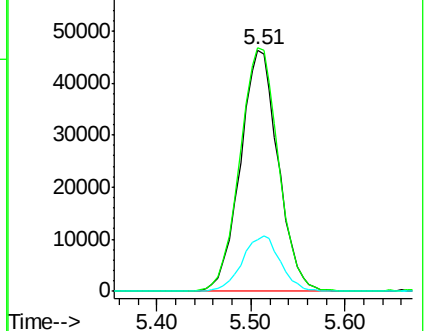
192 23.4 18.9 28.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.73 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

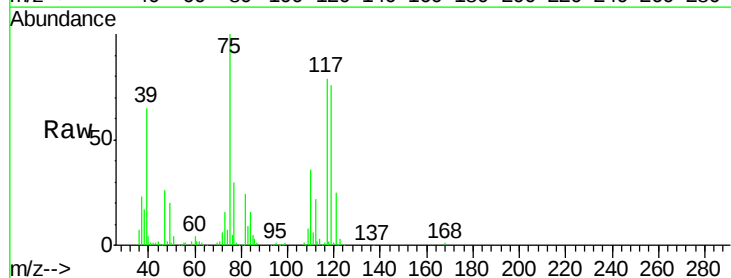
Tgt Ion: 75 Resp: 79399

Ion Ratio Lower Upper

75 100

110 36.2 17.4 52.2

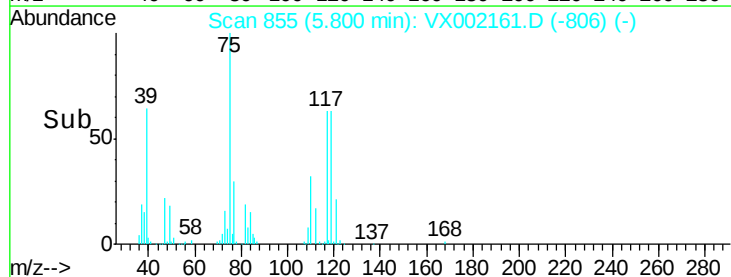
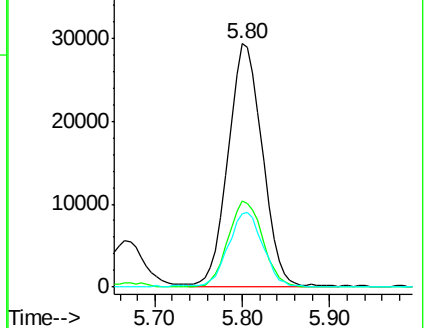
77 31.5 24.4 36.6

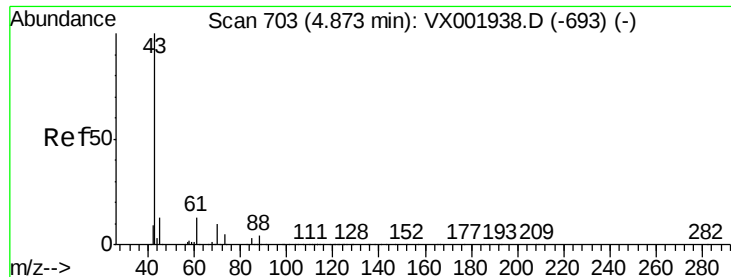


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

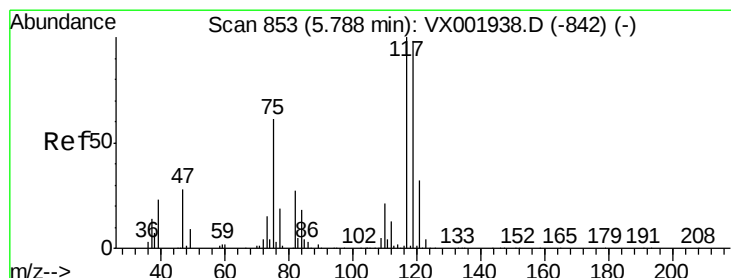
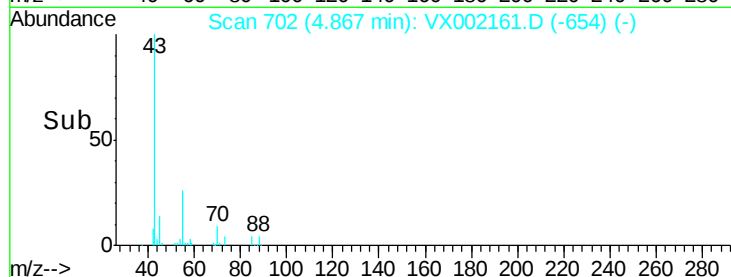
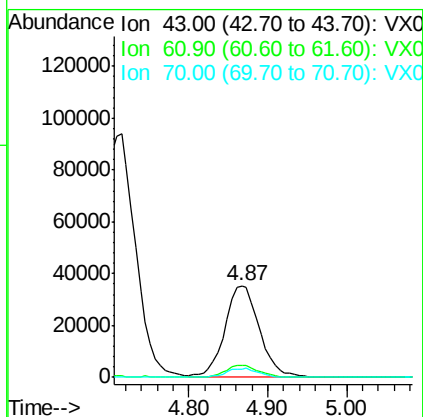
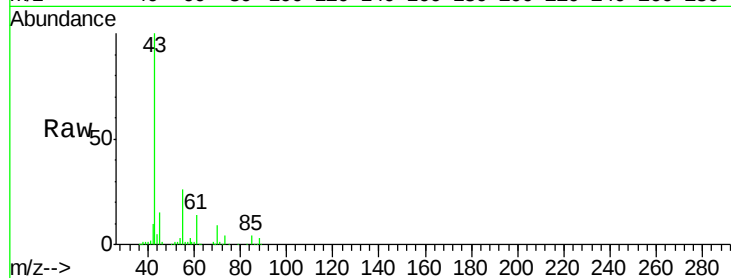




#37
Ethyl Acetate
Concen: 18.06 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX002161.D
Acq: 31 May 2018 03:03

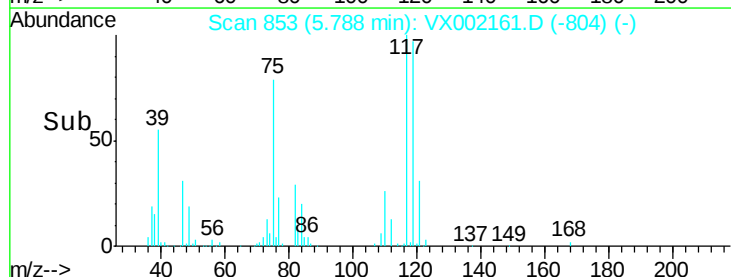
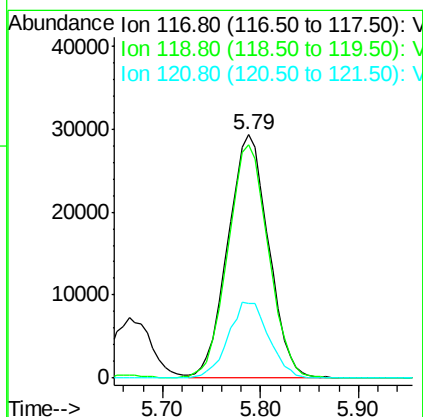
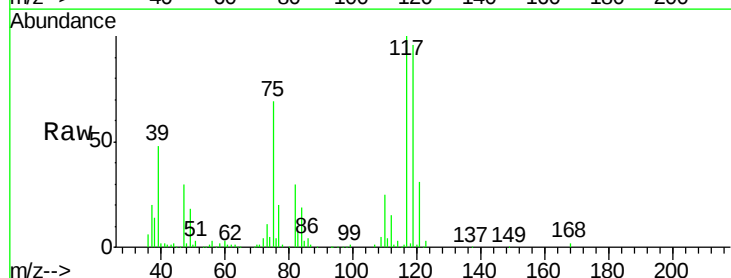
Instrument :
MSVOA_X
ClientSampleId :
VX0530WBSD03

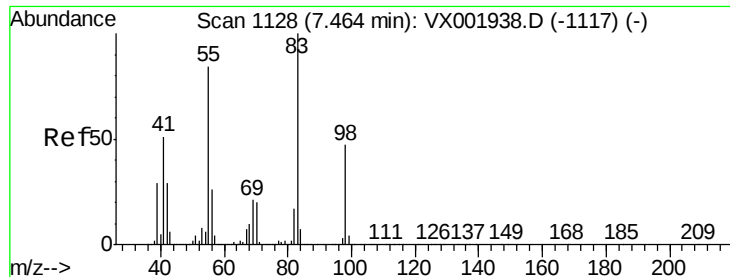
Tgt Ion: 43 Resp: 105411
Ion Ratio Lower Upper
43 100
61 13.3 10.2 15.2
70 9.5 7.8 11.8



#38
Carbon Tetrachloride
Concen: 16.19 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX002161.D
Acq: 31 May 2018 03:03

Tgt Ion: 117 Resp: 84554
Ion Ratio Lower Upper
117 100
119 95.8 78.5 117.7
121 30.6 25.5 38.3

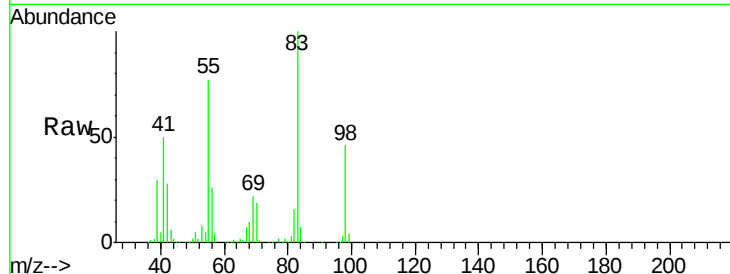




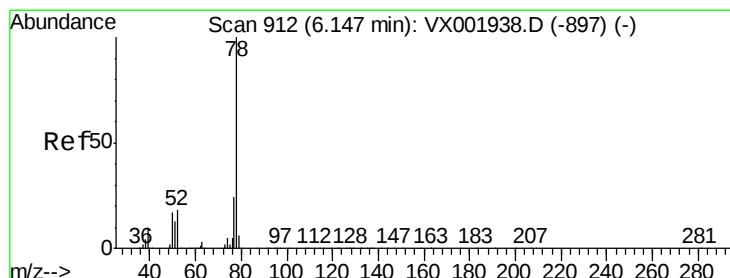
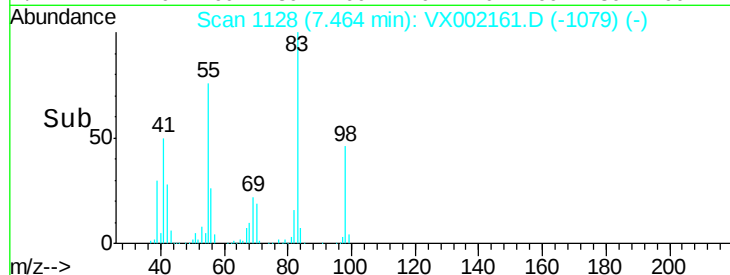
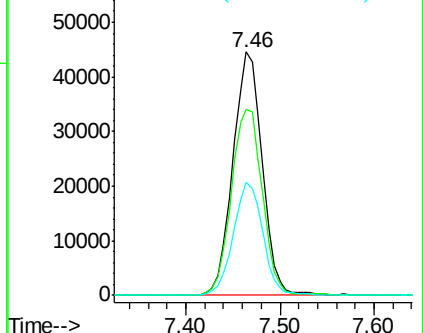
#39
Methylcyclohexane
Concen: 17.55 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002161.D
Acq: 31 May 2018 03:03

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBSD03

Tgt Ion: 83 Resp: 96555
Ion Ratio Lower Upper
83 100
55 76.3 67.3 100.9
98 46.3 37.5 56.3

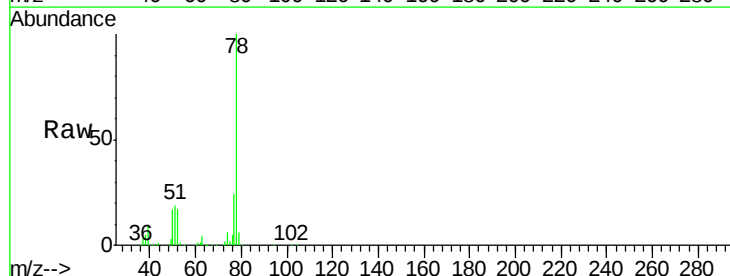


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

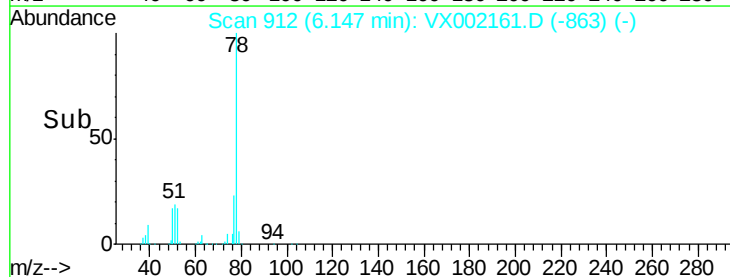
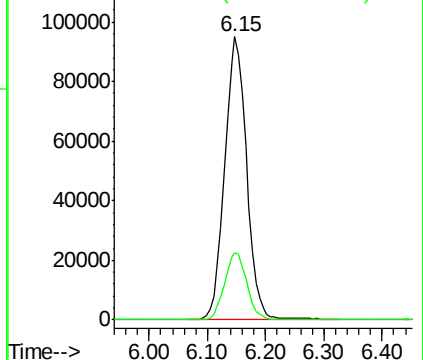


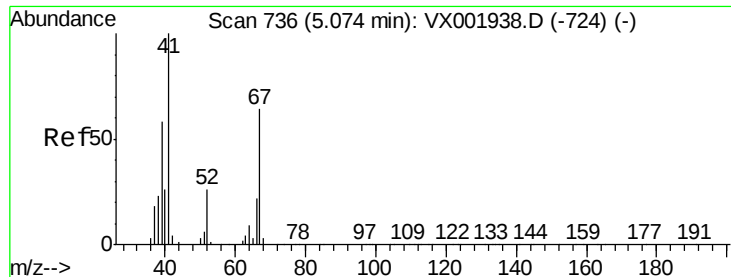
#40
Benzene
Concen: 19.01 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002161.D
Acq: 31 May 2018 03:03

Tgt Ion: 78 Resp: 249318
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 18.41 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.01 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD03

Tgt Ion: 41 Resp: 59364

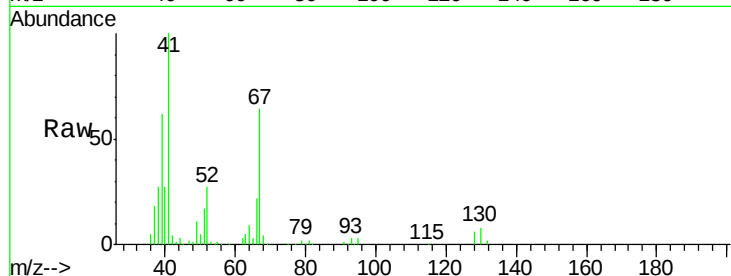
Ion Ratio Lower Upper

41 100

39 56.8 46.0 69.0

67 63.5 50.6 75.8

52 28.6 21.9 32.9

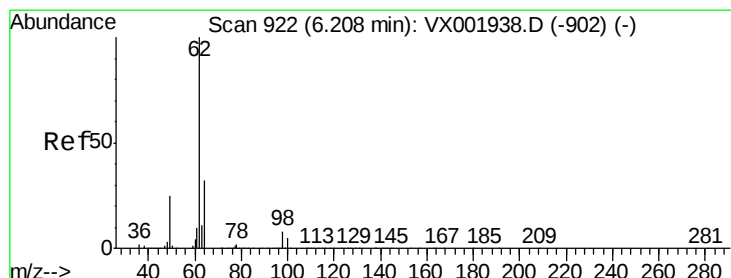
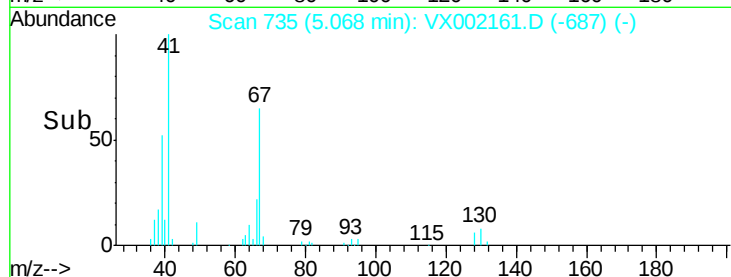
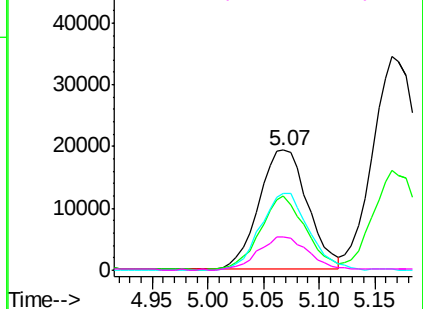


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.21 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.01 min

Lab File: VX002161.D

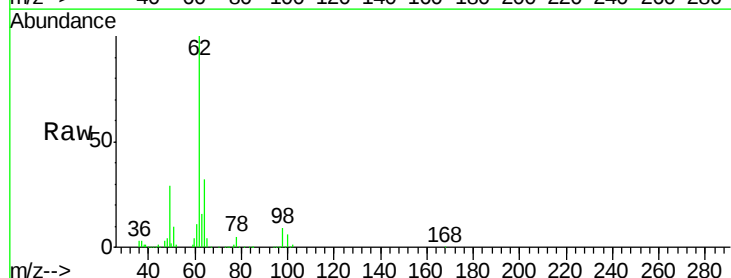
Acq: 31 May 2018 03:03

Tgt Ion: 62 Resp: 100652

Ion Ratio Lower Upper

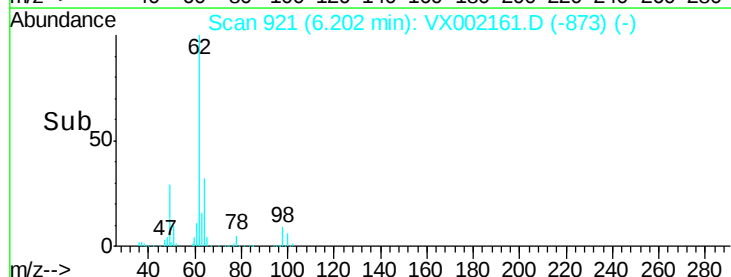
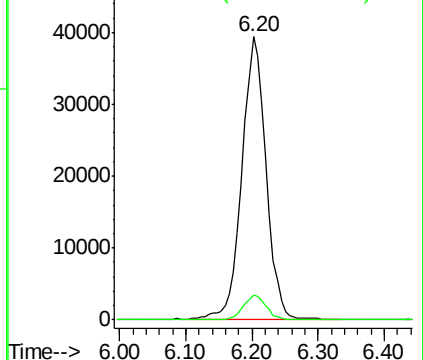
62 100

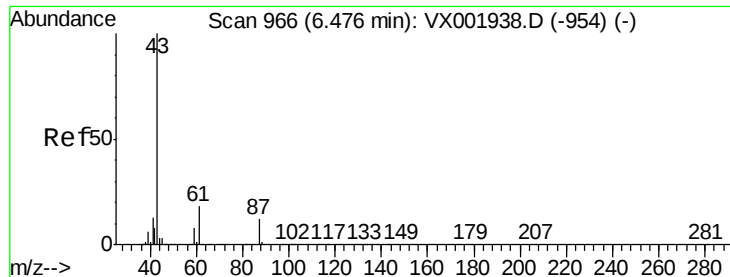
98 8.3 0.0 17.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.15 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD03

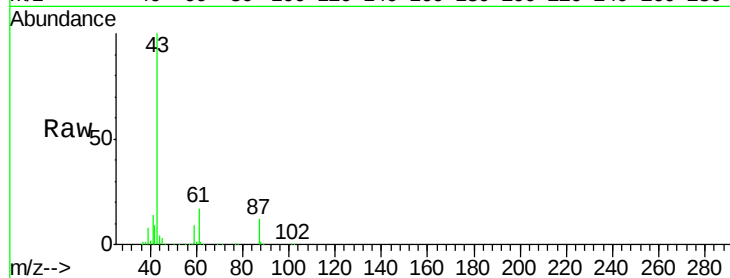
Tgt Ion: 43 Resp: 176569

Ion Ratio Lower Upper

43 100

61 18.0 14.5 21.7

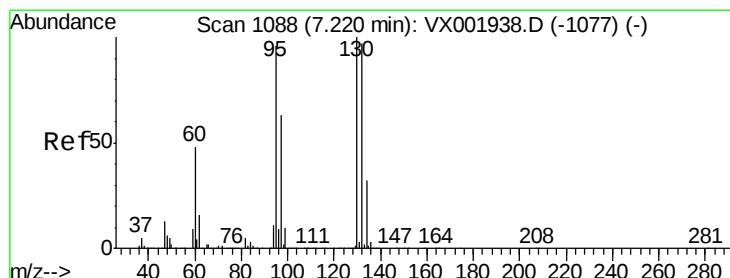
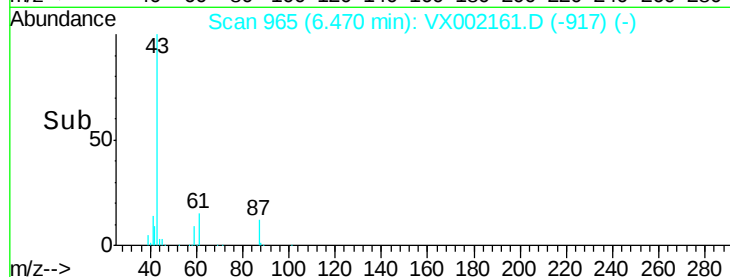
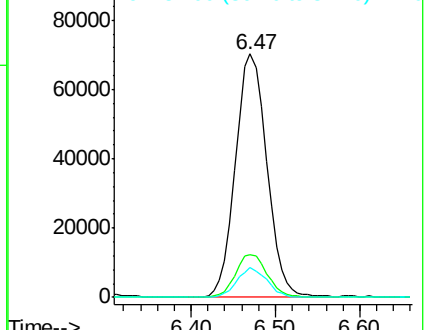
87 11.7 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.48 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX002161.D

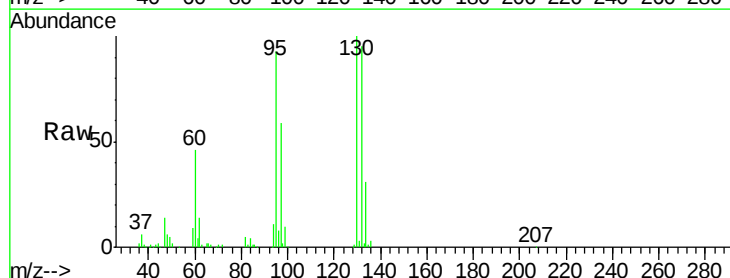
Acq: 31 May 2018 03:03

Tgt Ion: 130 Resp: 70649

Ion Ratio Lower Upper

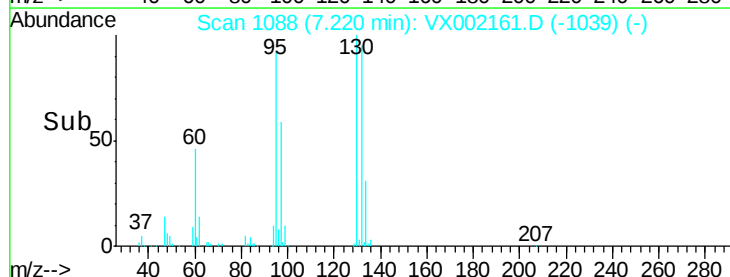
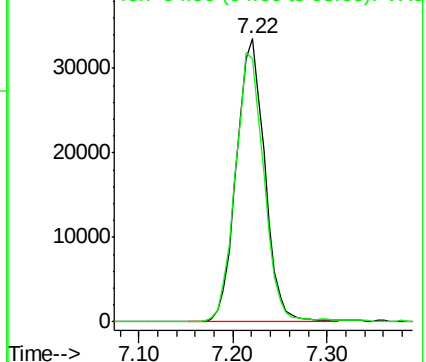
130 100

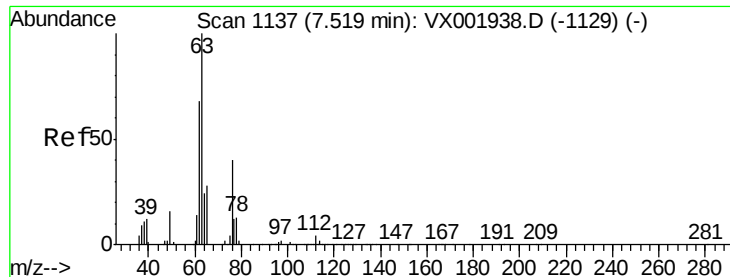
95 92.8 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.08 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

Instrument :

MSVOA_X

ClientSampleId :

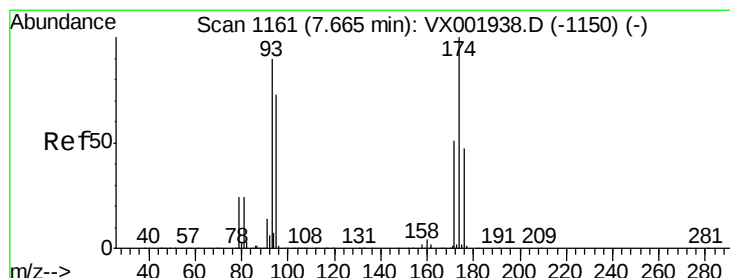
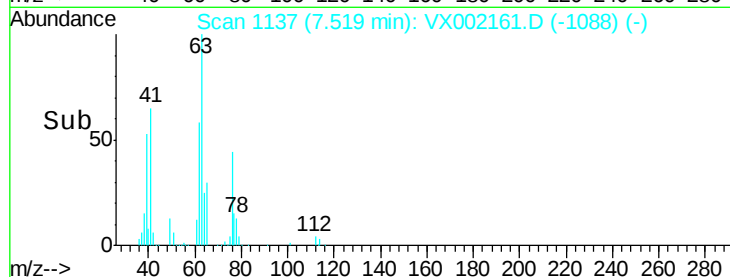
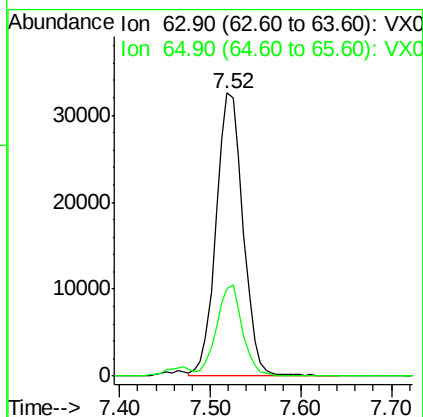
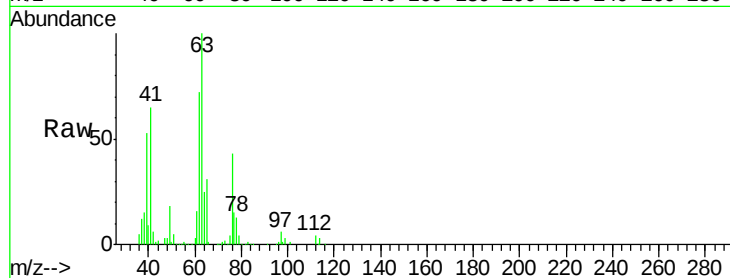
VX0530WBSD03

Tgt Ion: 63 Resp: 67959

Ion Ratio Lower Upper

63 100

65 30.9 24.1 36.1



#46

Dibromomethane

Concen: 19.28 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

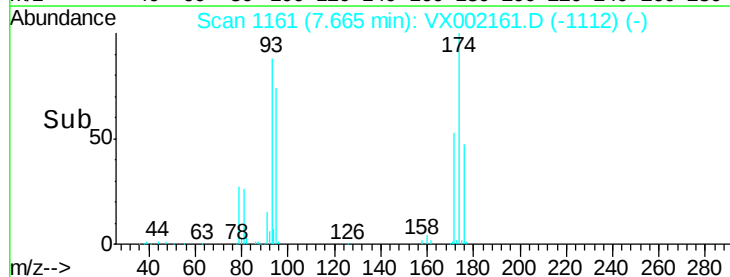
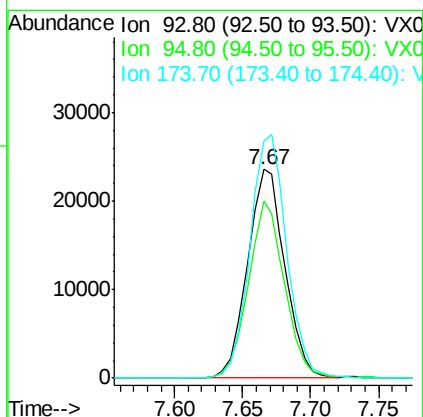
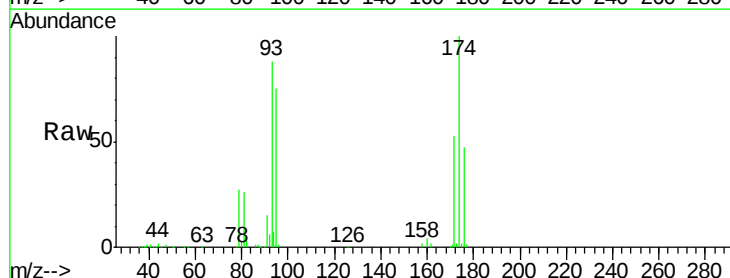
Tgt Ion: 93 Resp: 45486

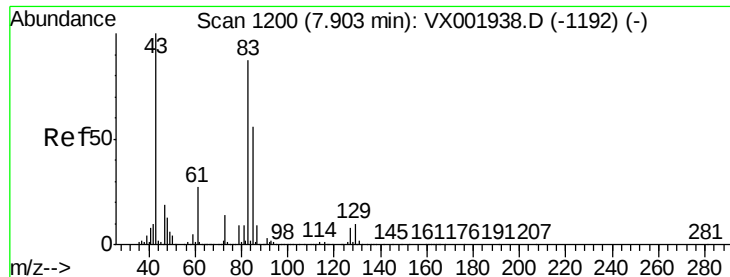
Ion Ratio Lower Upper

93 100

95 82.0 66.1 99.1

174 114.8 92.5 138.7





#47

Bromodichloromethane

Concen: 16.39 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD03

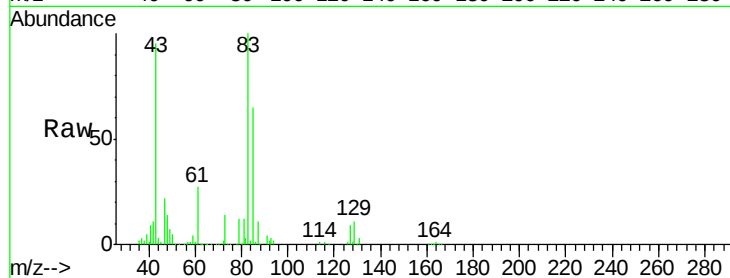
Tgt Ion: 83 Resp: 82432

Ion Ratio Lower Upper

83 100

85 64.6 51.4 77.2

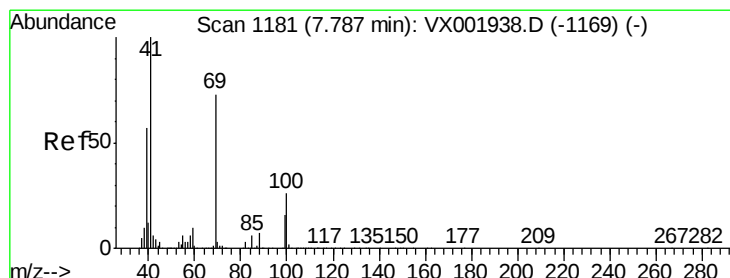
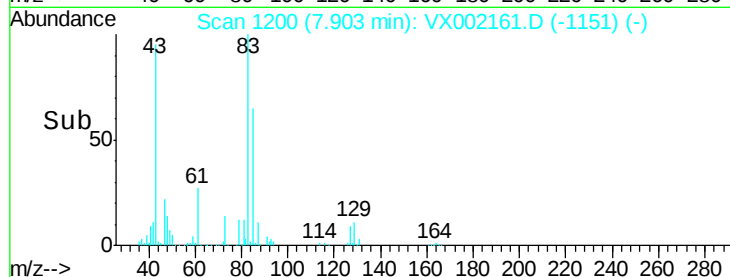
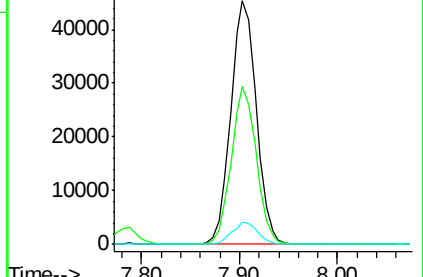
127 9.3 7.1 10.7



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: 18.04 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

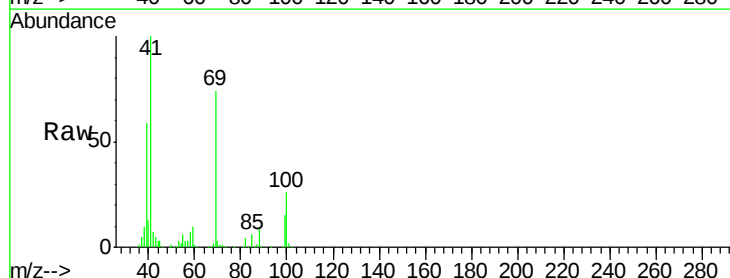
Tgt Ion: 41 Resp: 89313

Ion Ratio Lower Upper

41 100

69 74.3 58.6 87.8

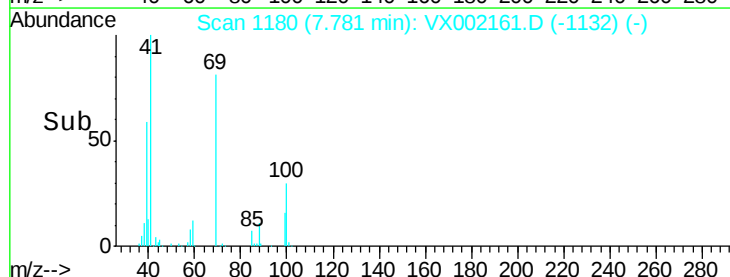
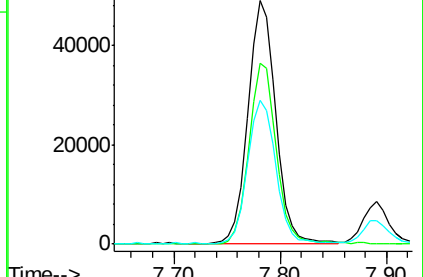
39 59.9 46.3 69.5

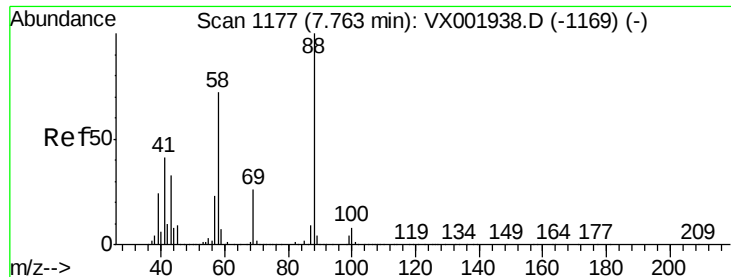


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 394.22 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD03

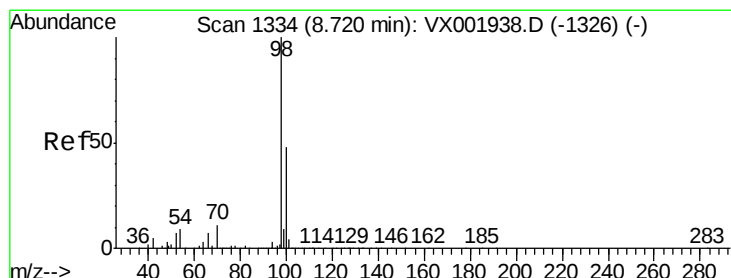
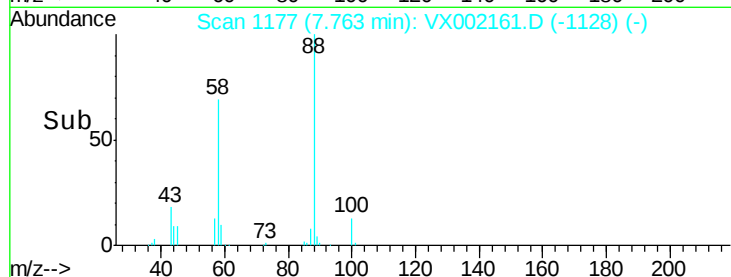
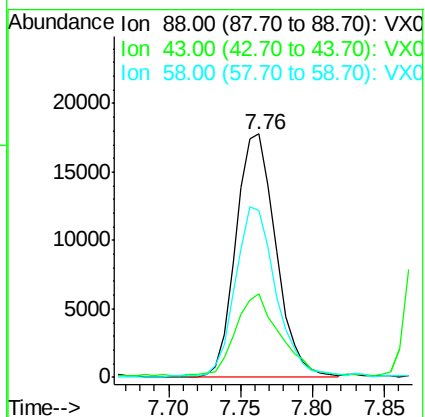
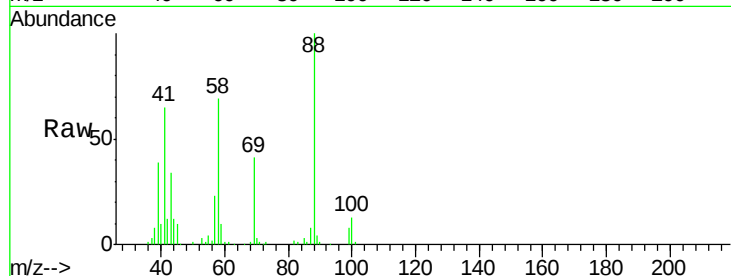
Tgt Ion: 88 Resp: 34390

Ion Ratio Lower Upper

88 100

43 37.1 29.8 44.8

58 72.6 58.7 88.1



#50

Toluene-d8

Concen: 41.43 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002161.D

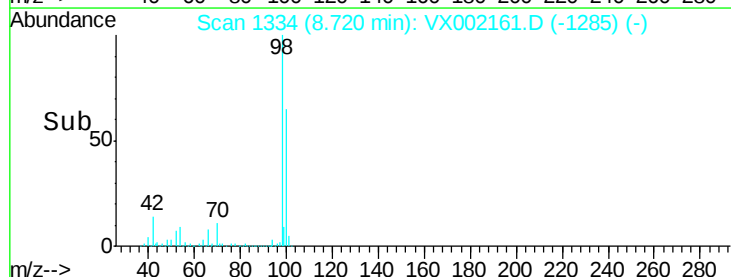
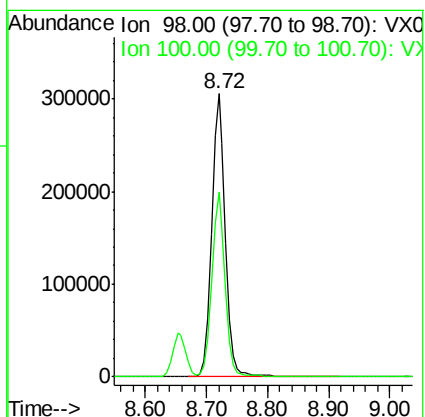
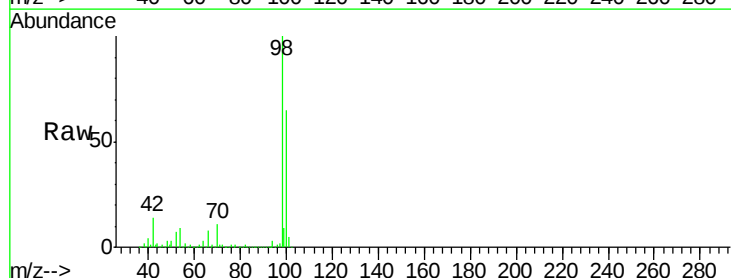
Acq: 31 May 2018 03:03

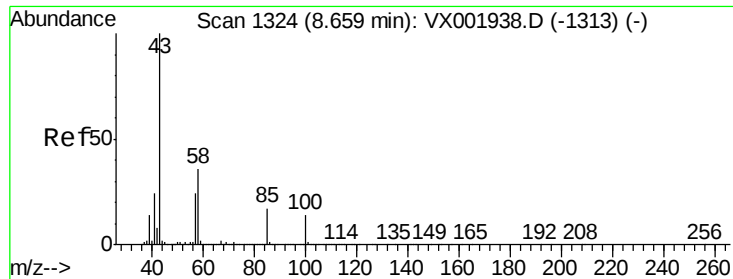
Tgt Ion: 98 Resp: 482842

Ion Ratio Lower Upper

98 100

100 64.0 51.5 77.3

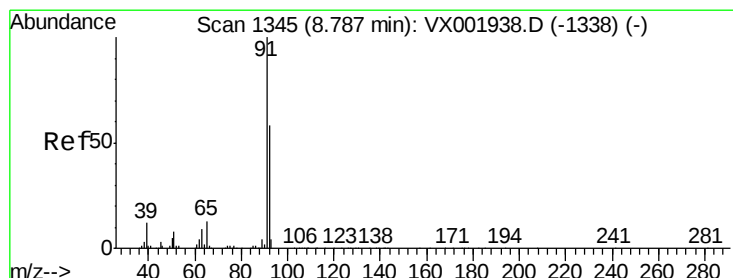
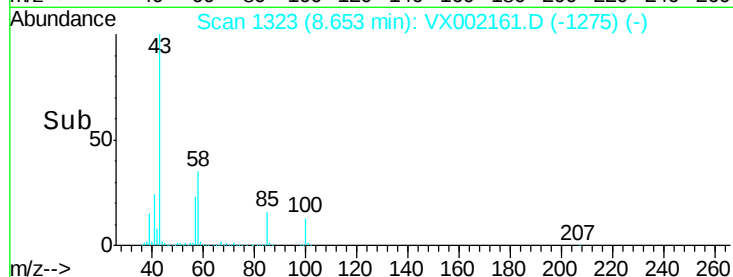
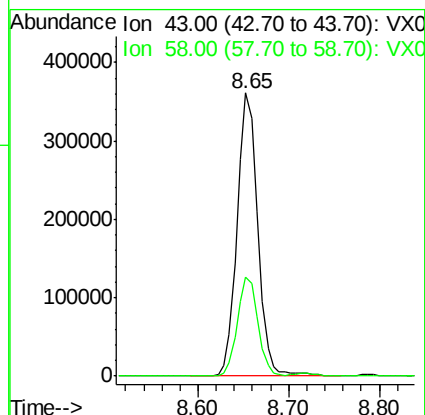
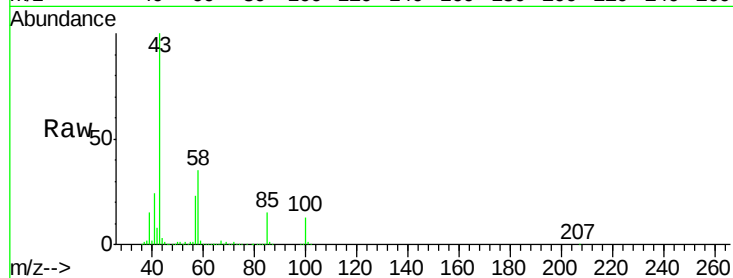




#51
 4-Methyl-2-Pentanone
 Concen: 97.64 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VX002161.D
 Acq: 31 May 2018 03:03

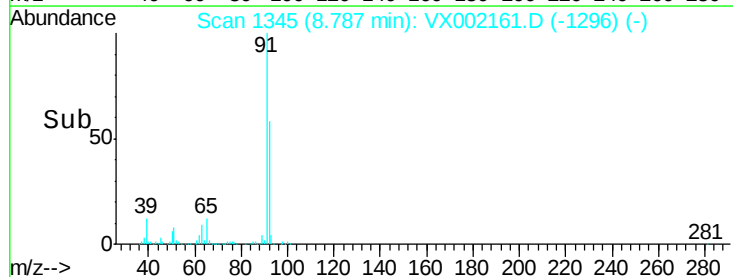
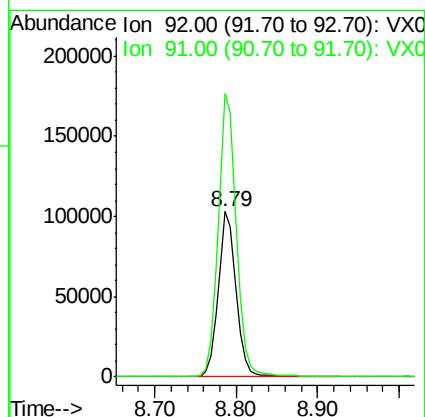
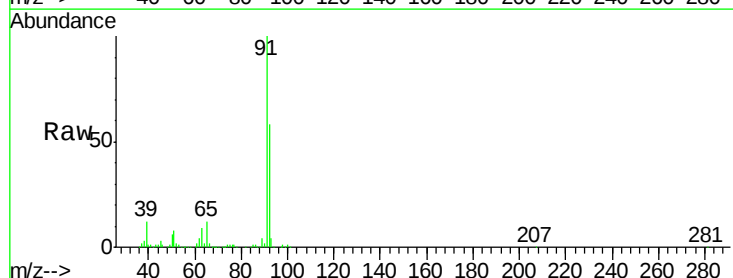
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBSD03

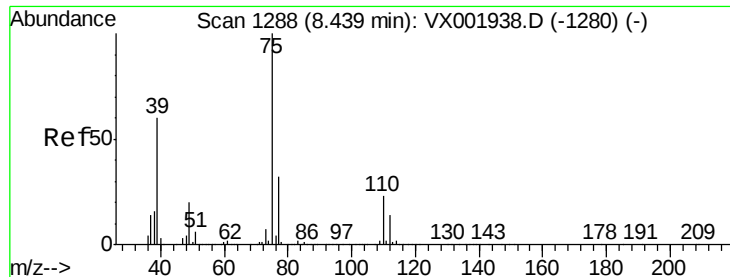
Tgt Ion: 43 Resp: 572498
 Ion Ratio Lower Upper
 43 100
 58 34.8 28.5 42.7



#52
 Toluene
 Concen: 19.22 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VX002161.D
 Acq: 31 May 2018 03:03

Tgt Ion: 92 Resp: 160468
 Ion Ratio Lower Upper
 92 100
 91 174.0 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 16.59 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

Instrument :

MSVOA_X

ClientSampleId :

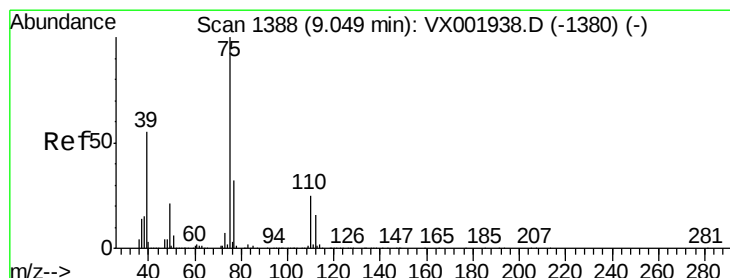
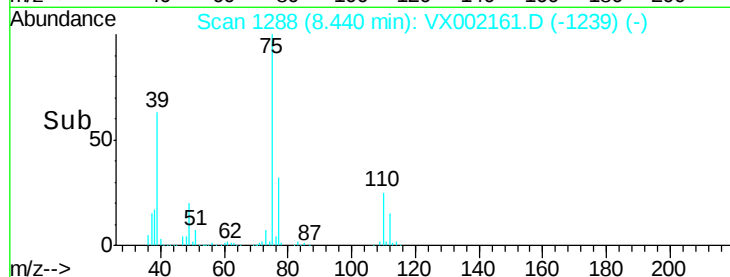
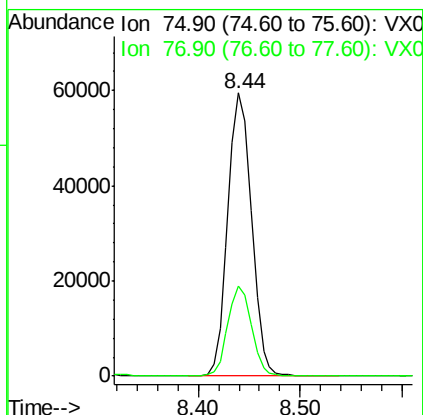
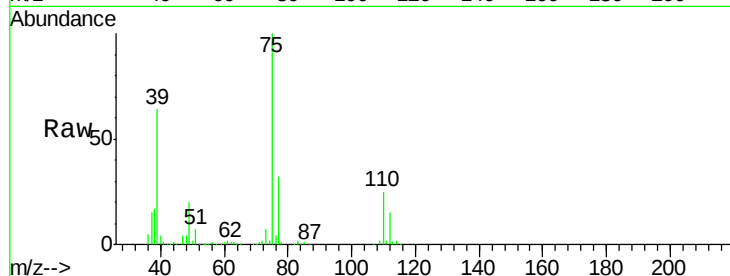
VX0530WBSD03

Tgt Ion: 75 Resp: 96107

Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 15.75 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

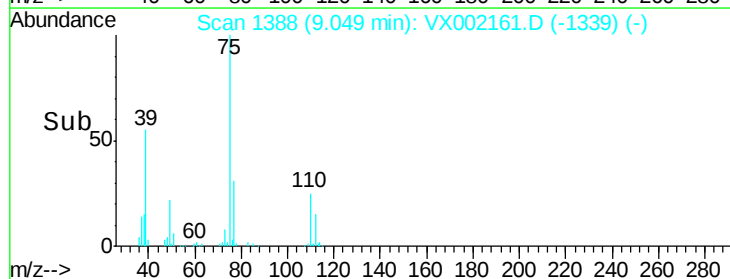
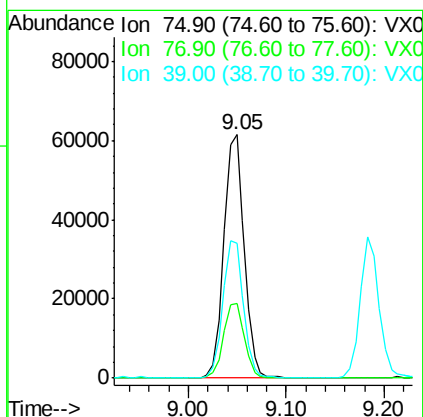
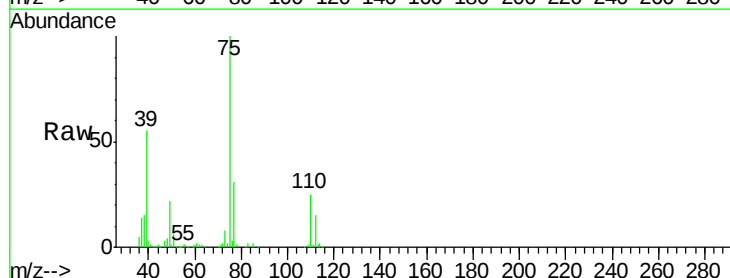
Tgt Ion: 75 Resp: 88912

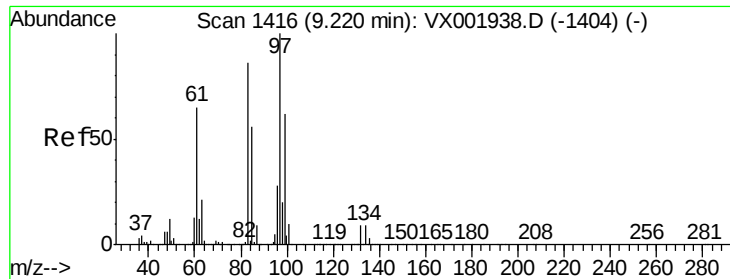
Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.0

39 55.3 44.1 66.1

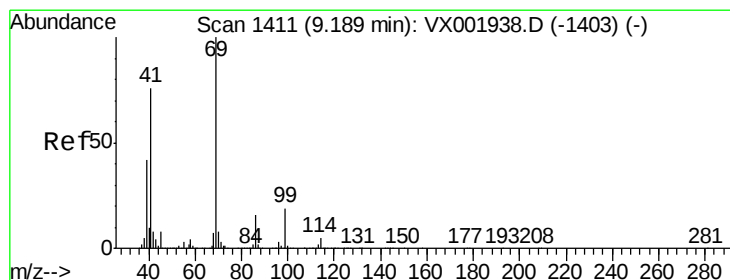
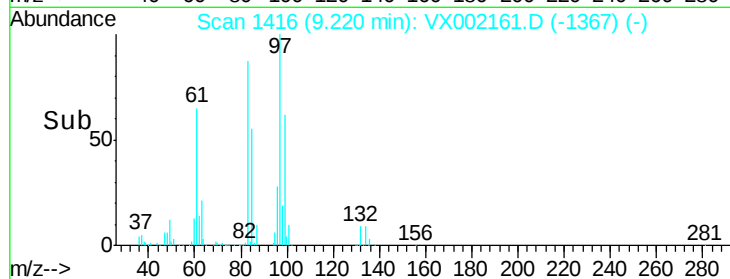
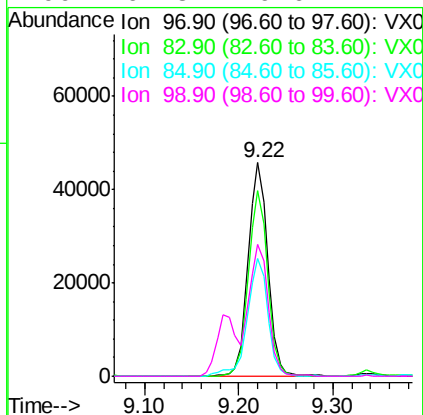
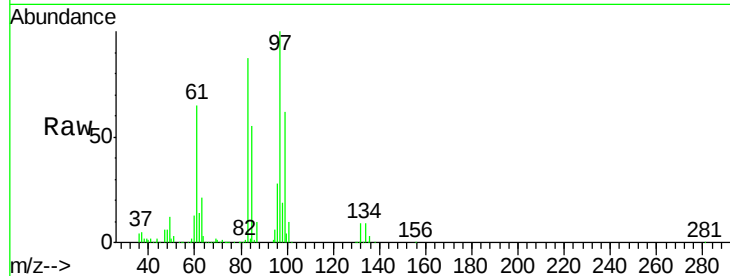




#55
 1,1,2-Trichloroethane
 Concen: 19.25 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002161.D
 Acq: 31 May 2018 03:03

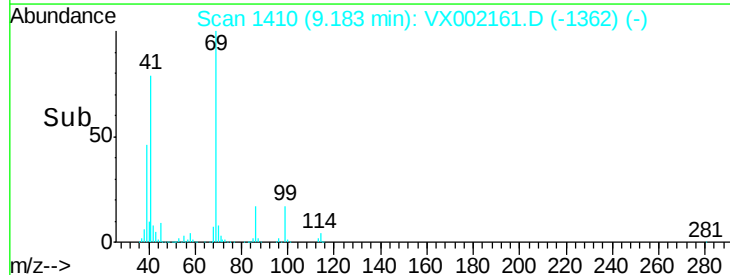
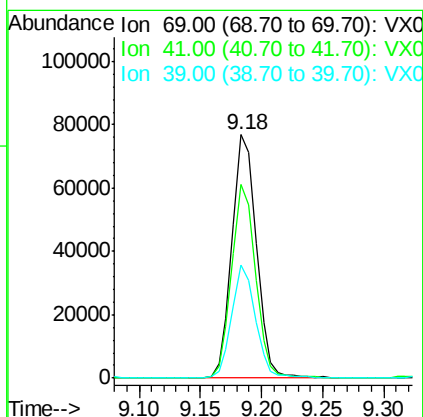
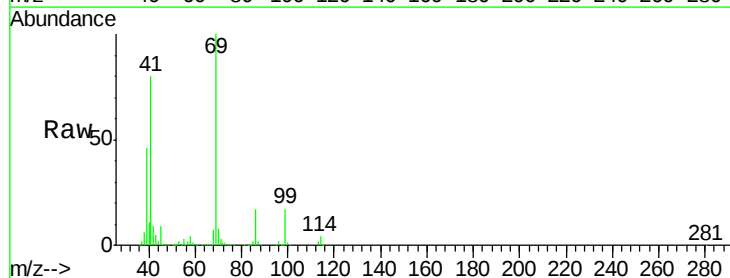
Instrument :
 MSVOA_X
 ClientSampled :
 VX0530WBSD03

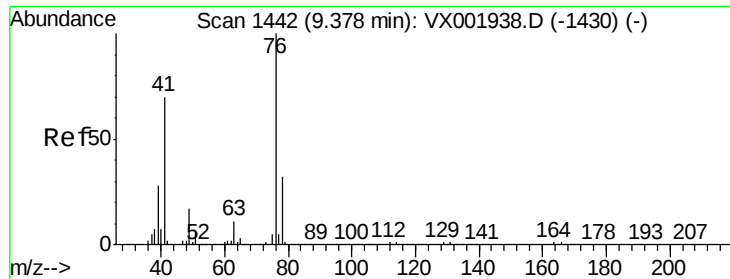
Tgt Ion:	97	Resp:	67128
Ion	Ratio	Lower	Upper
97	100		
83	86.7	69.1	103.7
85	54.9	45.2	67.8
99	61.8	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 17.75 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX002161.D
 Acq: 31 May 2018 03:03

Tgt Ion:	69	Resp:	106491
Ion	Ratio	Lower	Upper
69	100		
41	77.5	61.0	91.6
39	44.6	34.4	51.6

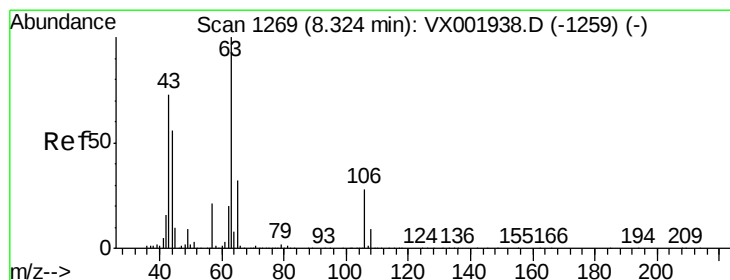
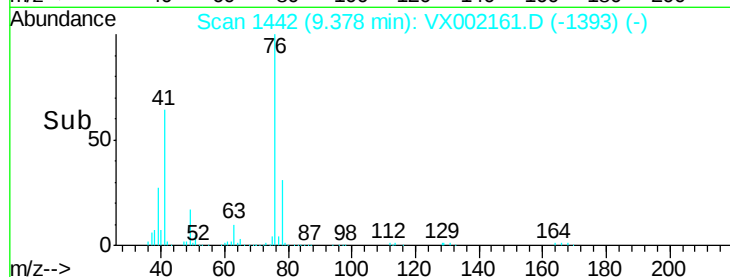
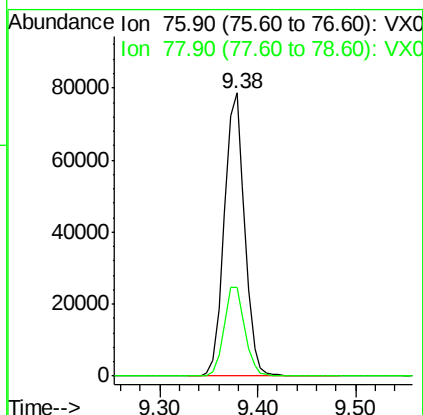
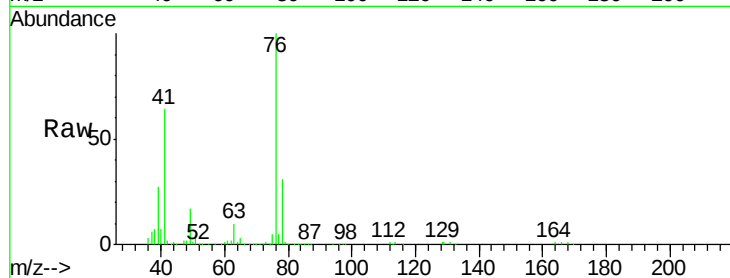




#57
 1,3-Dichloropropane
 Concen: 19.74 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX002161.D
 Acq: 31 May 2018 03:03

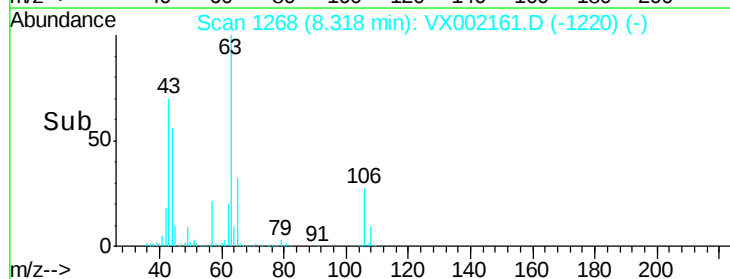
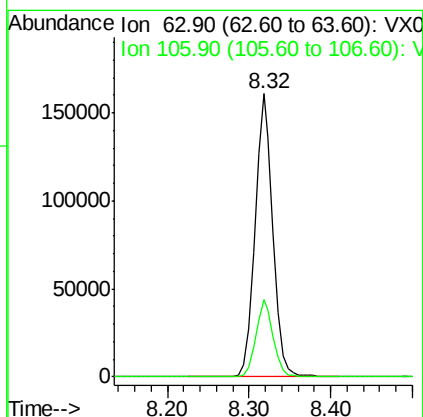
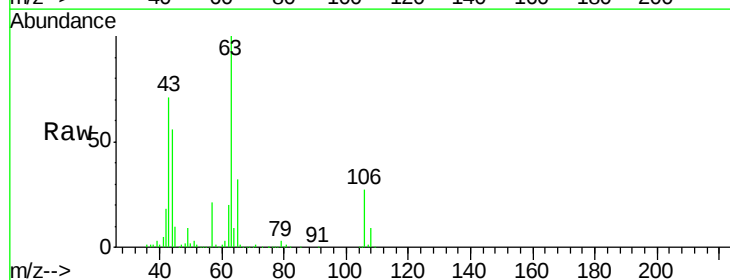
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBSD03

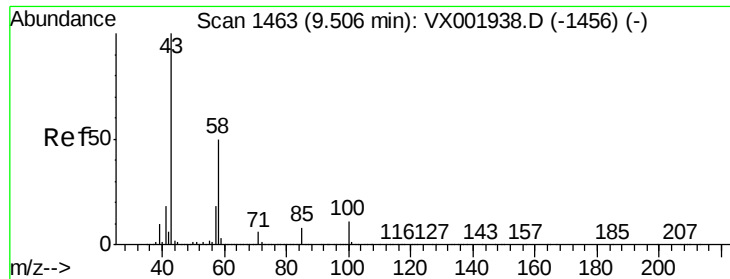
Tgt Ion: 76 Resp: 113387
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.84 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX002161.D
 Acq: 31 May 2018 03:03

Tgt Ion: 63 Resp: 246844
 Ion Ratio Lower Upper
 63 100
 106 26.8 21.7 32.5

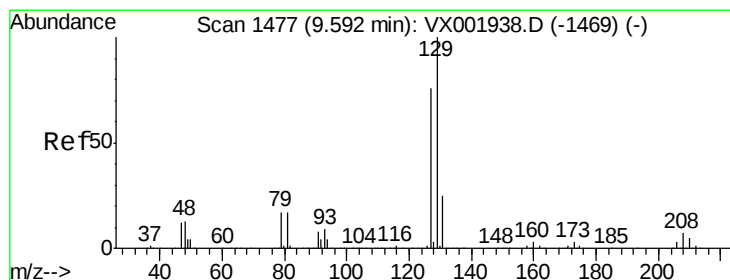
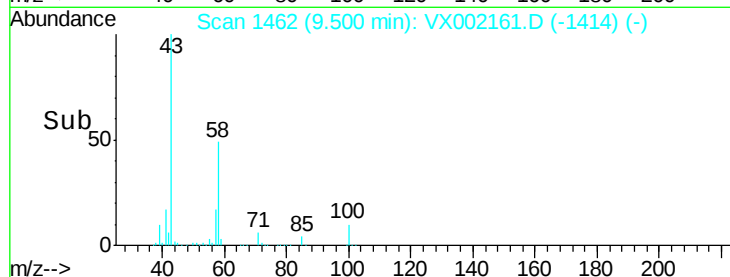
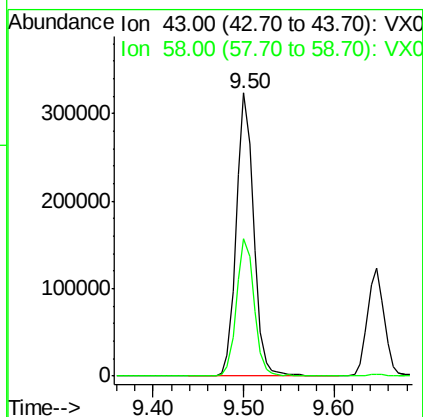
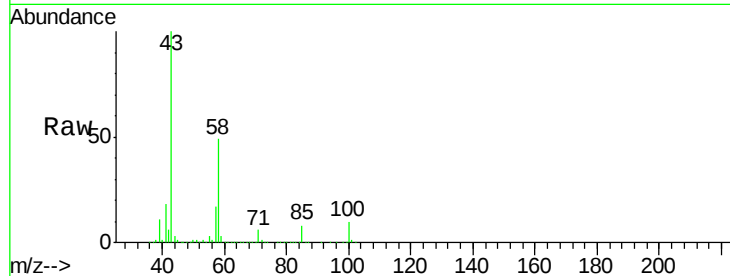




#59
2-Hexanone
Concen: 95.13 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002161.D
Acq: 31 May 2018 03:03

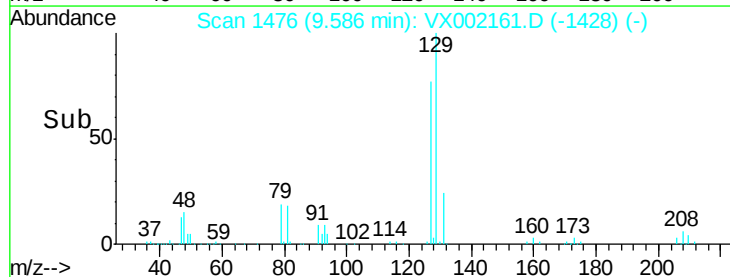
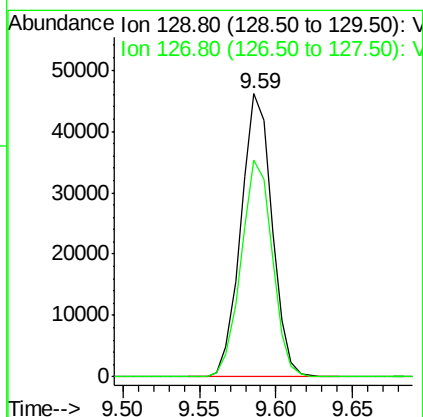
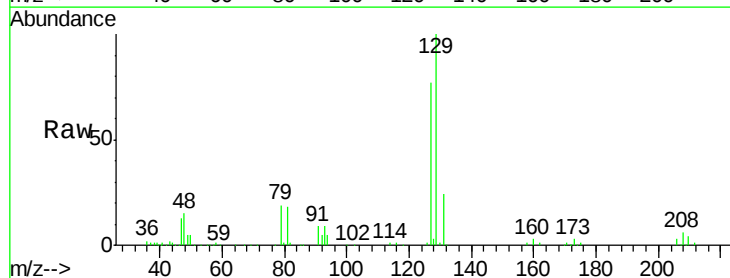
Instrument :
MSVOA_X
ClientSampleId :
VX0530WBSD03

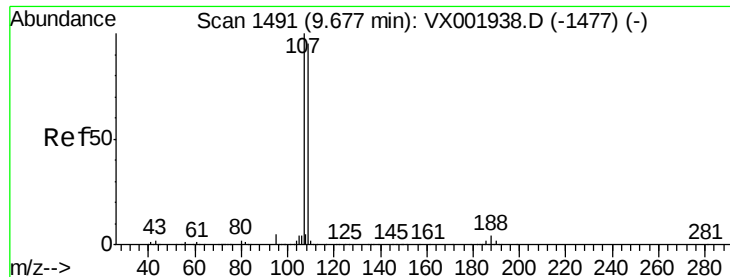
Tgt Ion: 43 Resp: 430101
Ion Ratio Lower Upper
43 100
58 49.7 24.9 74.6



#60
Dibromochloromethane
Concen: 15.75 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX002161.D
Acq: 31 May 2018 03:03

Tgt Ion: 129 Resp: 65069
Ion Ratio Lower Upper
129 100
127 76.7 38.3 114.9

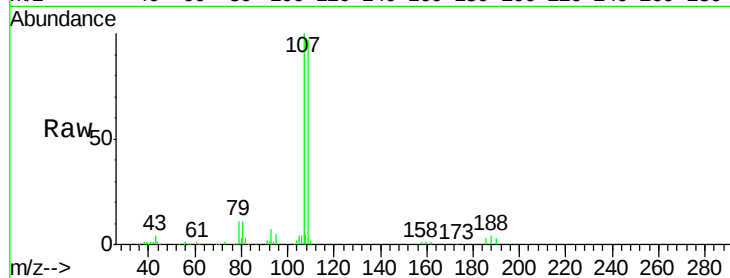




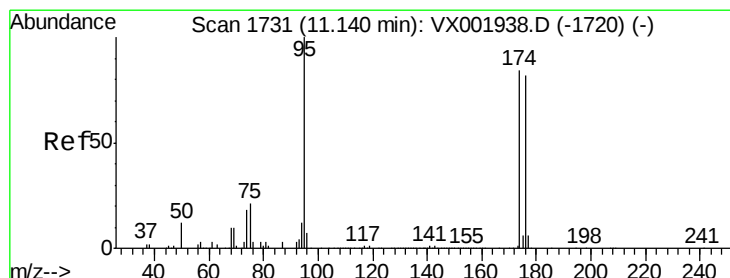
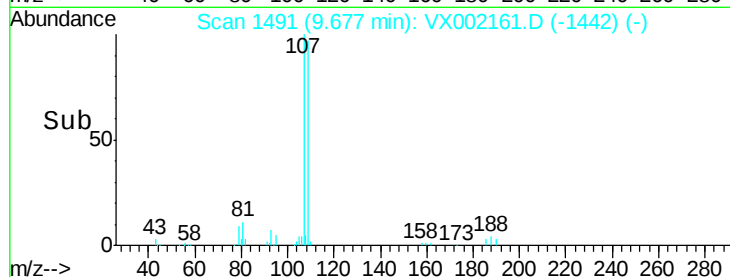
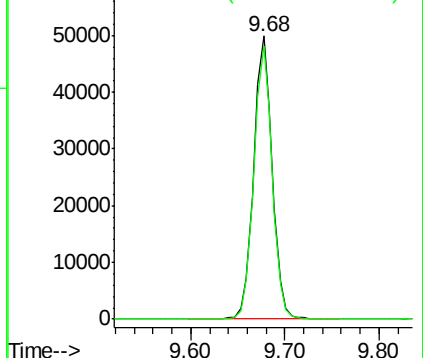
#61
 1,2-Dibromoethane
 Concen: 18.94 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX002161.D
 Acq: 31 May 2018 03:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBSD03

Tgt Ion: 107 Resp: 69297
 Ion Ratio Lower Upper
 107 100
 109 95.8 75.3 112.9

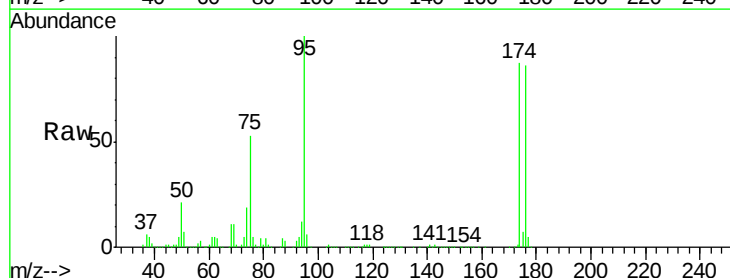


Abundance Ion 106.90 (106.60 to 107.60): V
 Ion 108.80 (108.50 to 109.50): V

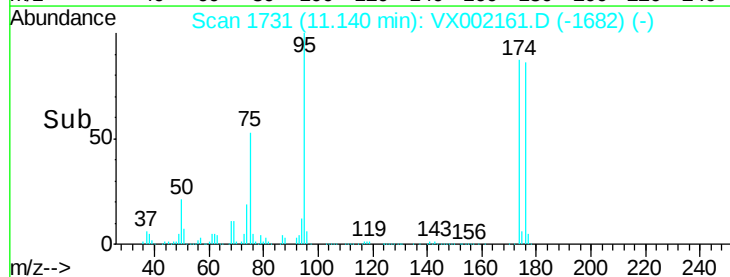
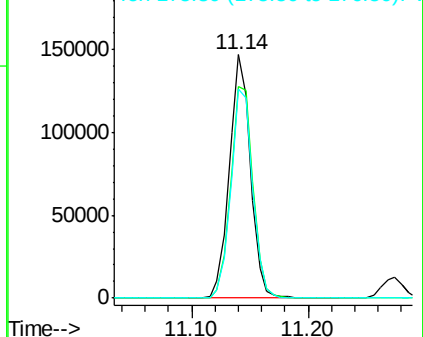


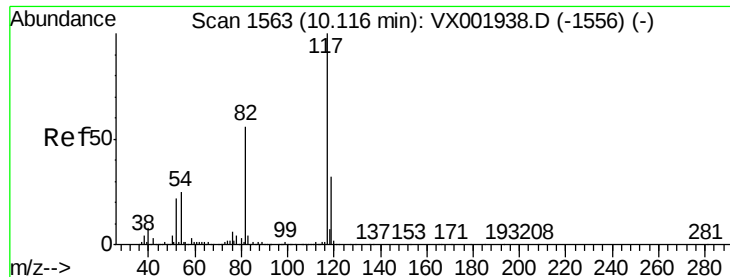
#62
 4-Bromofluorobenzene
 Concen: 40.49 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX002161.D
 Acq: 31 May 2018 03:03

Tgt Ion: 95 Resp: 184643
 Ion Ratio Lower Upper
 95 100
 174 92.0 0.0 178.8
 176 89.3 0.0 175.6



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# 1563

Delta R.T. 0.00 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD03

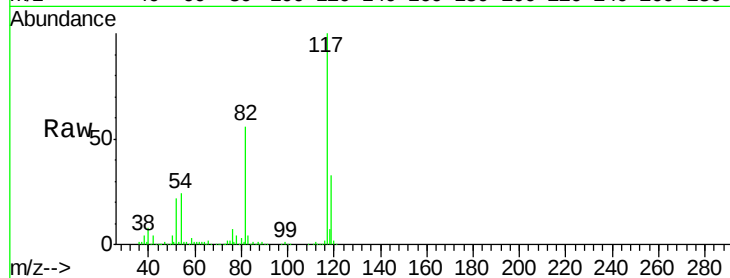
Tgt Ion:117 Resp: 297552

Ion Ratio Lower Upper

117 100

82 55.7 44.8 67.2

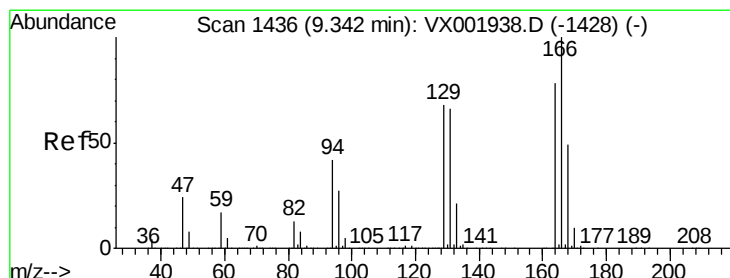
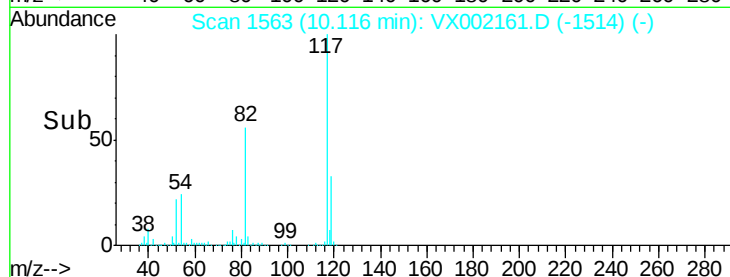
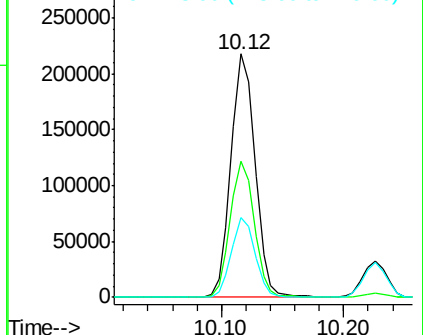
119 32.5 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 18.96 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

Tgt Ion:164 Resp: 80901

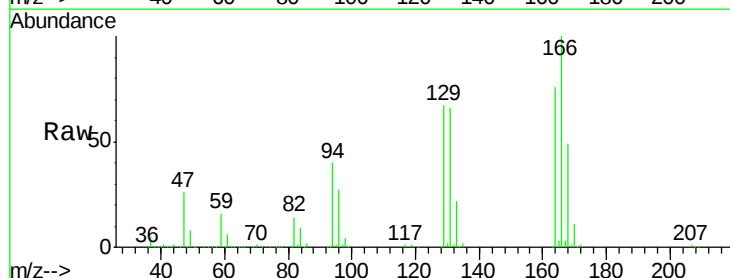
Ion Ratio Lower Upper

164 100

166 132.1 102.7 154.1

129 88.8 70.3 105.5

131 87.5 68.2 102.4

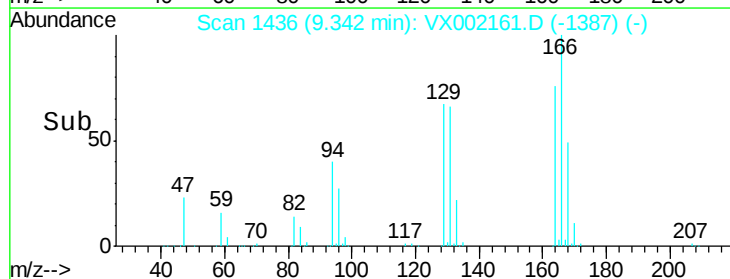
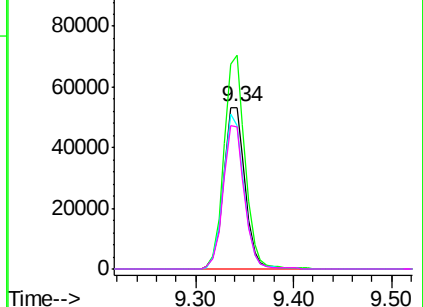


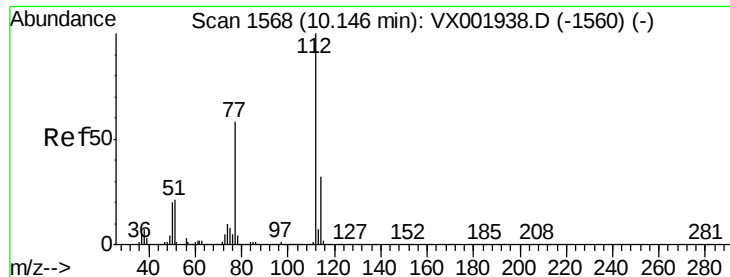
Abundance Ion 163.80 (163.50 to 164.50): V

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: 19.14 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

Instrument :

MSVOA_X

ClientSampleId :

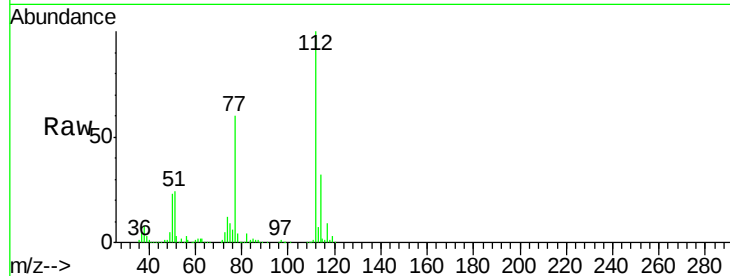
VX0530WBSD03

Tgt Ion:112 Resp: 180415

Ion Ratio Lower Upper

112 100

114 32.3 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

150000

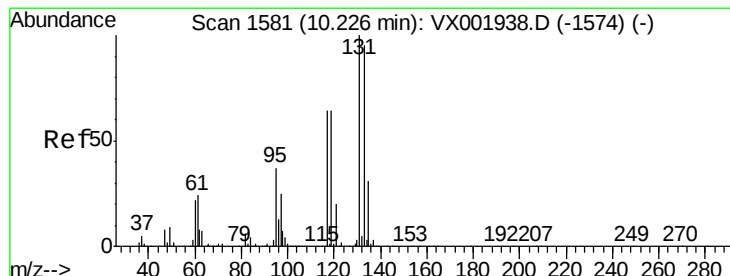
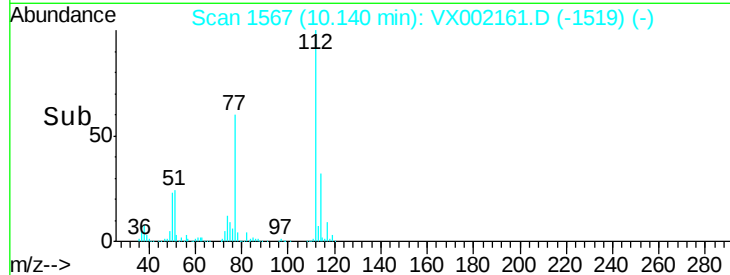
100000

50000

0

Time-->

10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 17.02 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

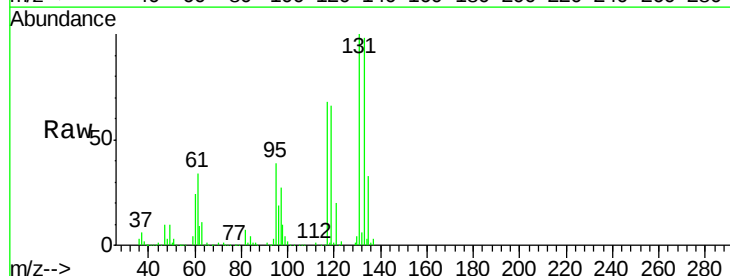
Tgt Ion:131 Resp: 64800

Ion Ratio Lower Upper

131 100

133 96.6 48.0 144.0

119 64.6 31.9 95.5



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

60000

50000

40000

30000

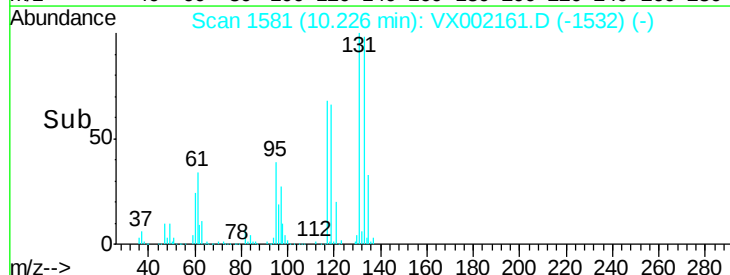
20000

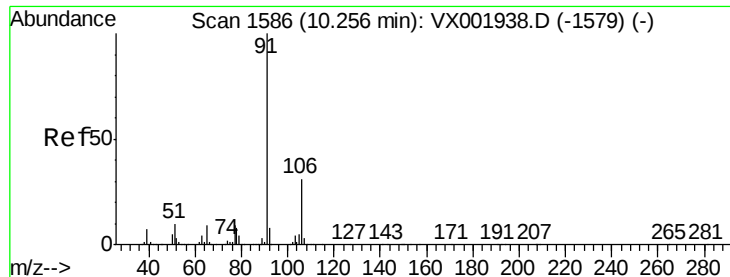
10000

0

Time-->

10.15 10.20 10.25 10.30





#67

Ethyl Benzene

Concen: 18.74 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

Instrument :

MSVOA_X

ClientSampleId :

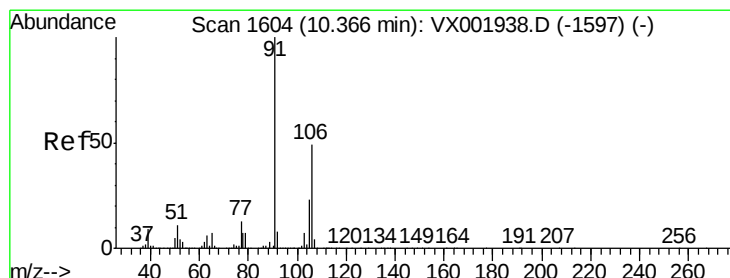
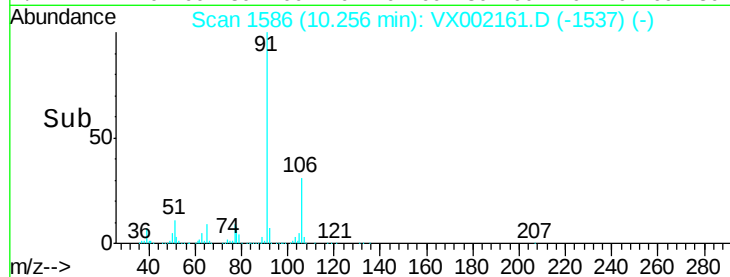
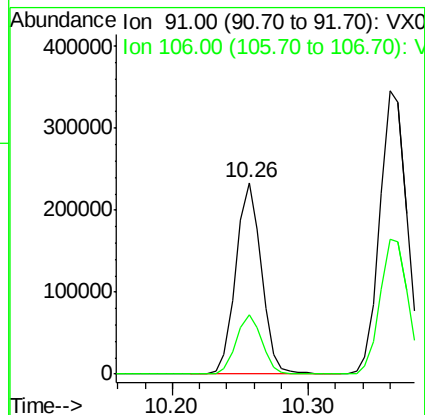
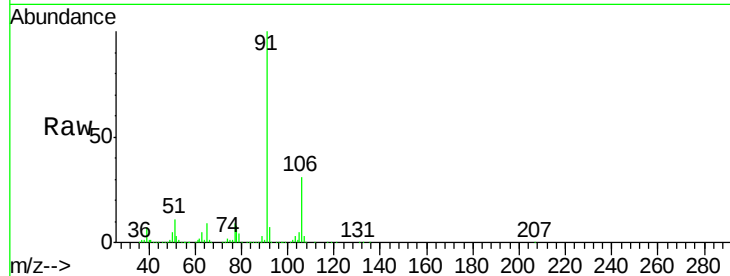
VX0530WBSD03

Tgt Ion: 91 Resp: 307017

Ion Ratio Lower Upper

91 100

106 31.2 25.0 37.6



#68

m/p-Xylenes

Concen: 37.62 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX002161.D

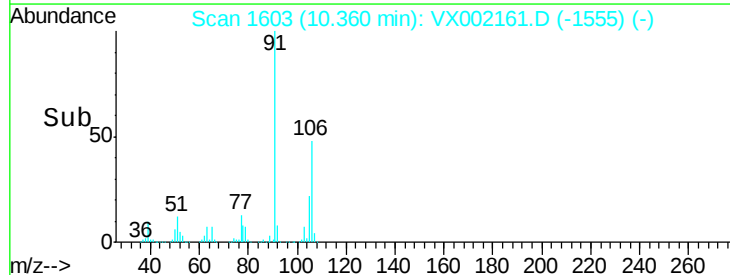
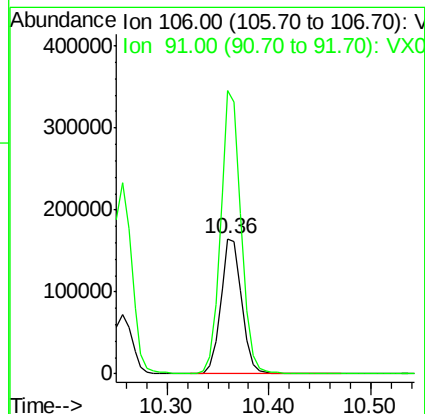
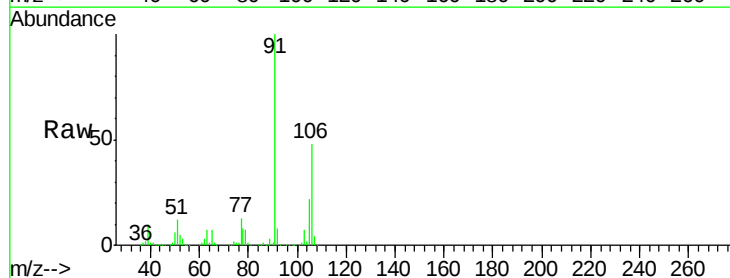
Acq: 31 May 2018 03:03

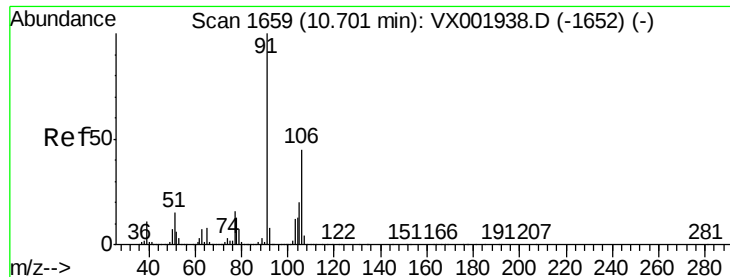
Tgt Ion: 106 Resp: 235525

Ion Ratio Lower Upper

106 100

91 206.1 165.0 247.6

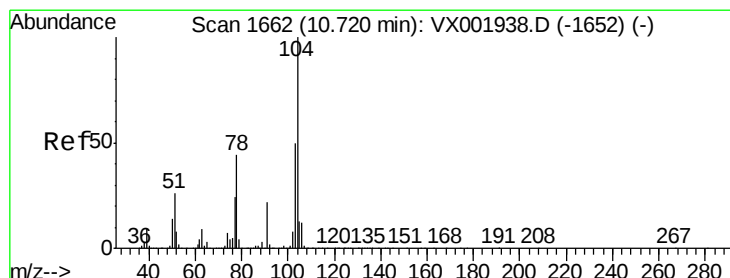
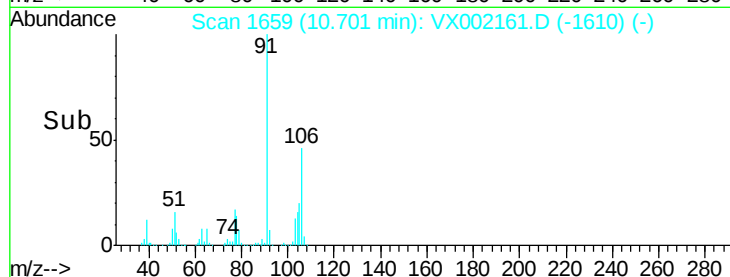
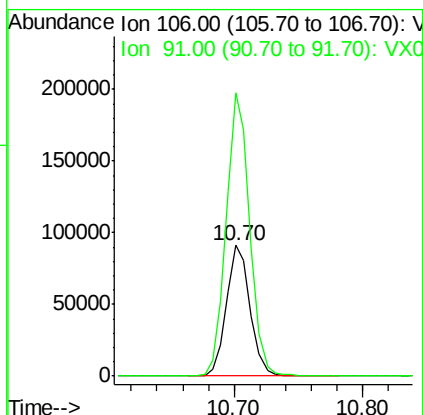
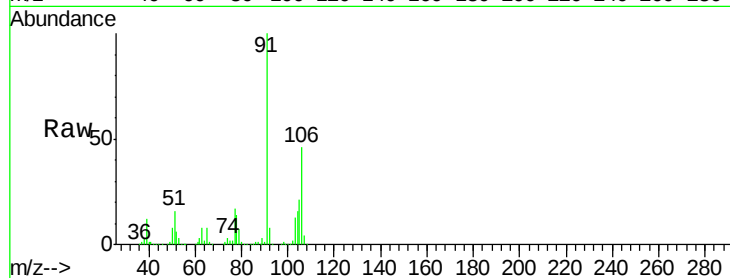




#69
o-Xylene
Concen: 18.85 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002161.D
Acq: 31 May 2018 03:03

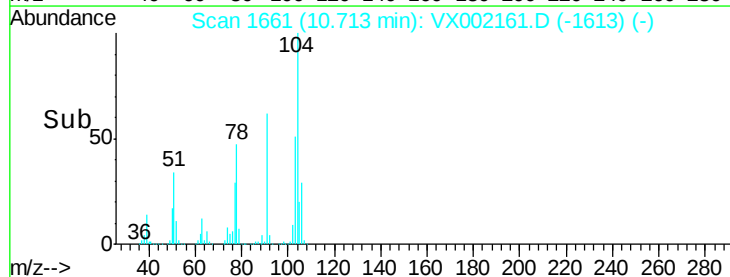
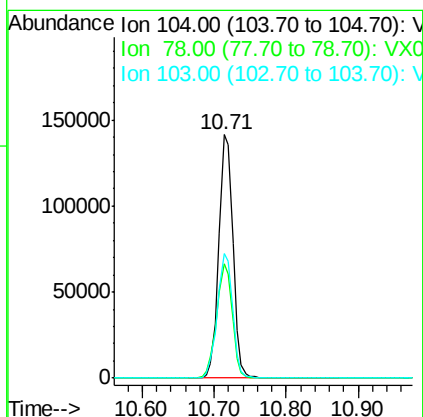
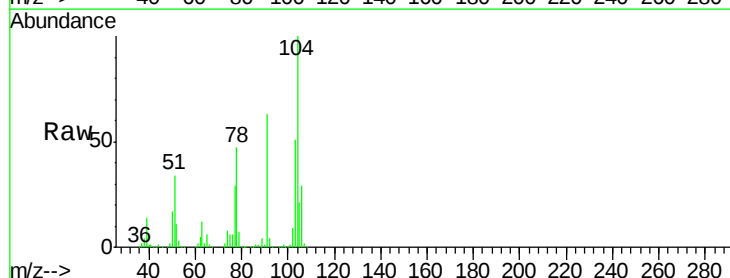
Instrument :
MSVOA_X
ClientSampleId :
VX0530WBSD03

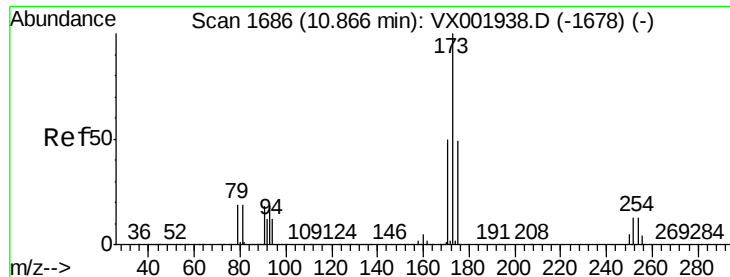
Tgt Ion:106 Resp: 117851
Ion Ratio Lower Upper
106 100
91 216.2 108.7 325.9



#70
Styrene
Concen: 18.53 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX002161.D
Acq: 31 May 2018 03:03

Tgt Ion:104 Resp: 192124
Ion Ratio Lower Upper
104 100
78 52.1 41.8 62.6
103 55.5 44.6 67.0

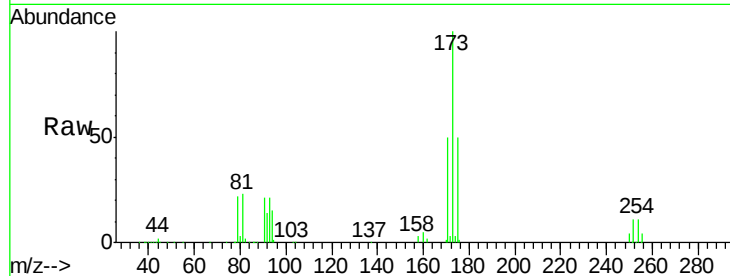




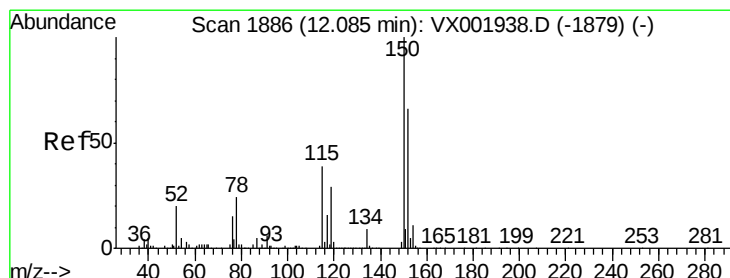
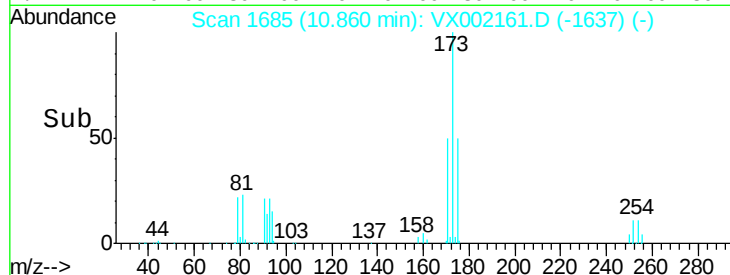
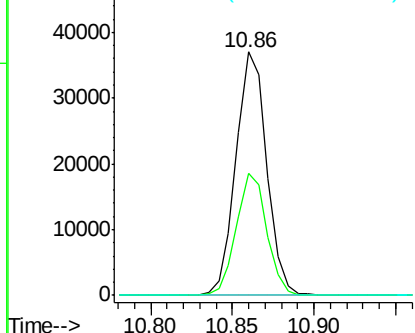
#71
Bromoform
Concen: 13.49 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VX002161.D
Acq: 31 May 2018 03:03

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBSD03

Tgt Ion:173 Resp: 48704
Ion Ratio Lower Upper
173 100
175 49.5 24.3 72.9
254 0.1 0.1 0.1

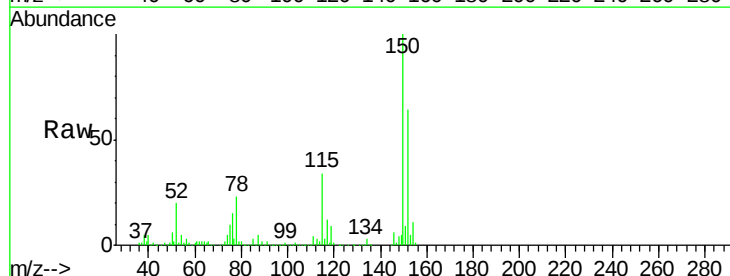


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

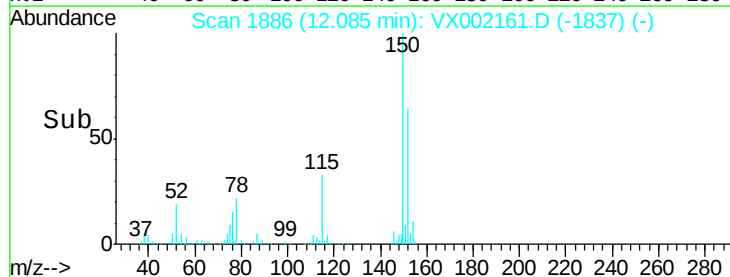
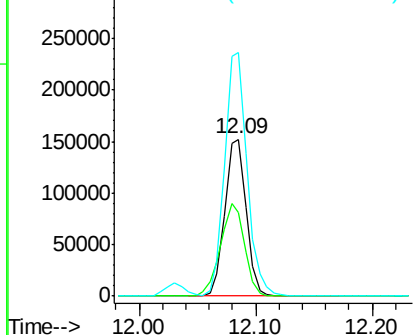


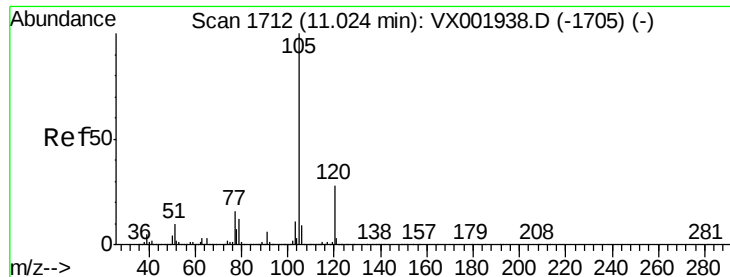
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002161.D
Acq: 31 May 2018 03:03

Tgt Ion:152 Resp: 192321
Ion Ratio Lower Upper
152 100
115 66.0 42.3 126.8
150 163.9 0.0 351.0



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





#73

Isopropylbenzene

Concen: 19.11 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

Instrument :

MSVOA_X

ClientSampleId :

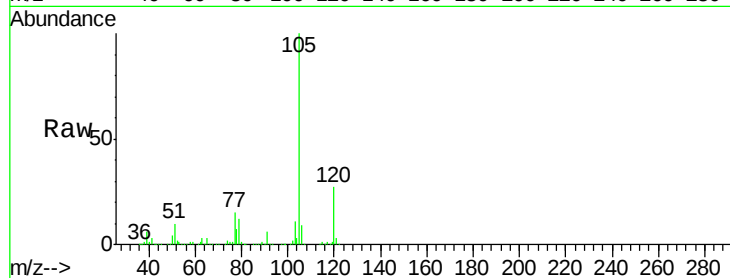
VX0530WBSD03

Tgt Ion: 105 Resp: 311194

Ion Ratio Lower Upper

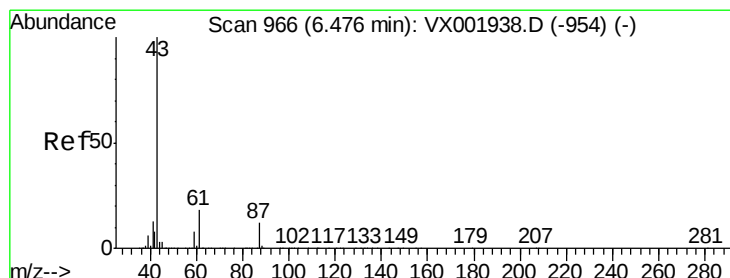
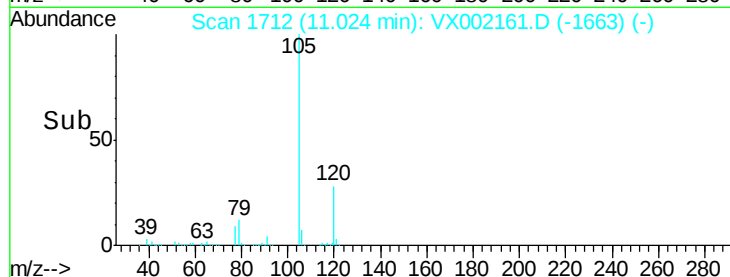
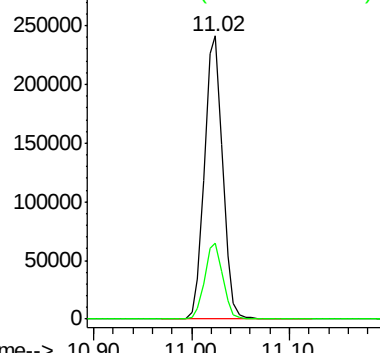
105 100

120 26.8 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-amyl acetate

Concen: 18.94 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

Tgt Ion: 43 Resp: 176569

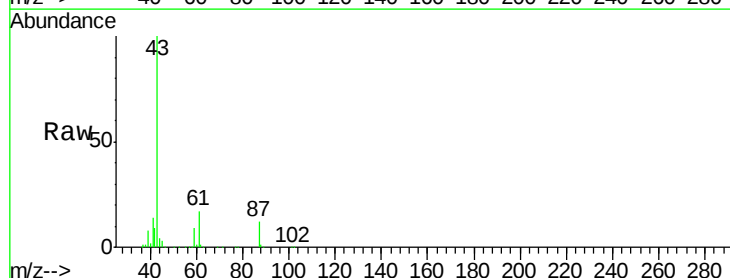
Ion Ratio Lower Upper

43 100

70 0.0 0.1 0.1#

55 0.1 0.1 0.1#

61 18.0 14.5 21.7

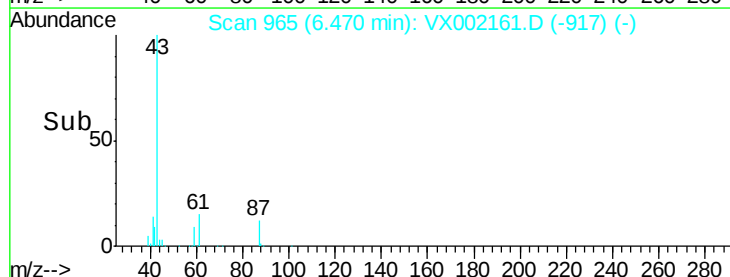
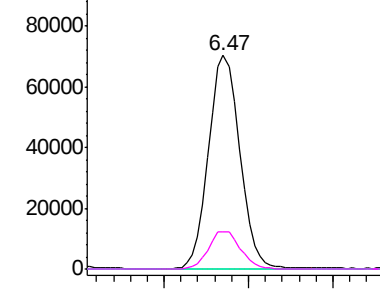


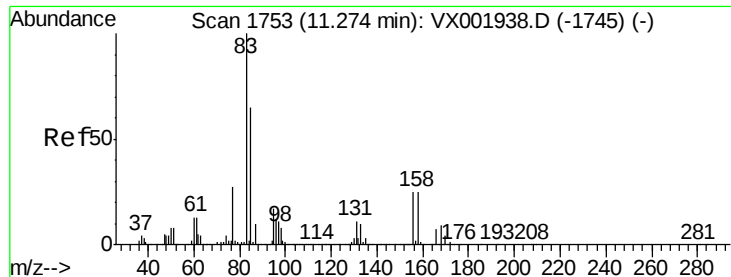
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 20.35 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD03

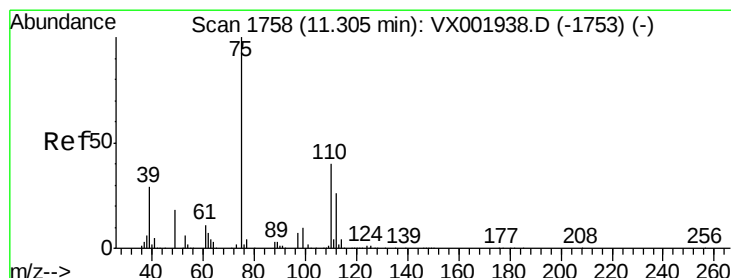
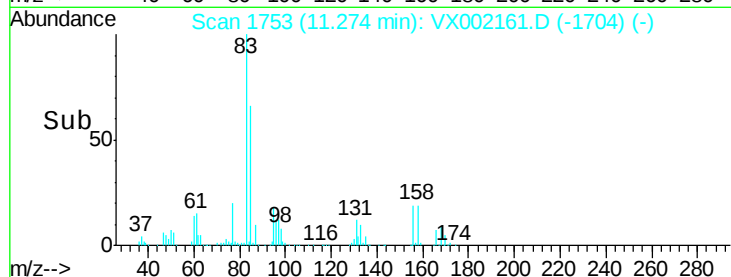
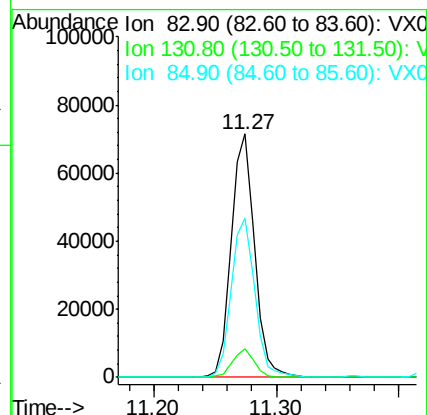
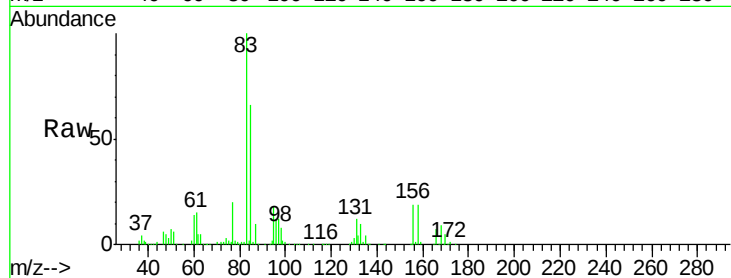
Tgt Ion: 83 Resp: 93998

Ion Ratio Lower Upper

83 100

131 10.9 5.7 17.0

85 66.0 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 24.89 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX002161.D

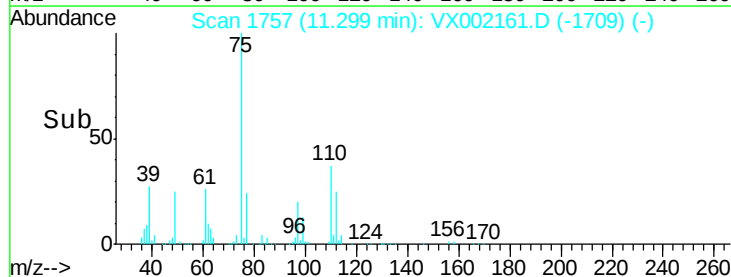
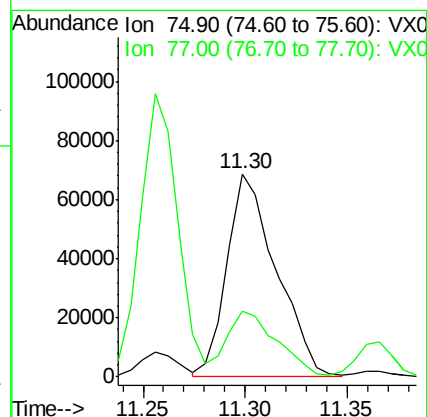
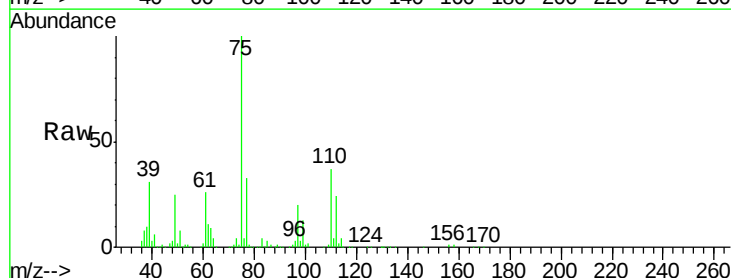
Acq: 31 May 2018 03:03

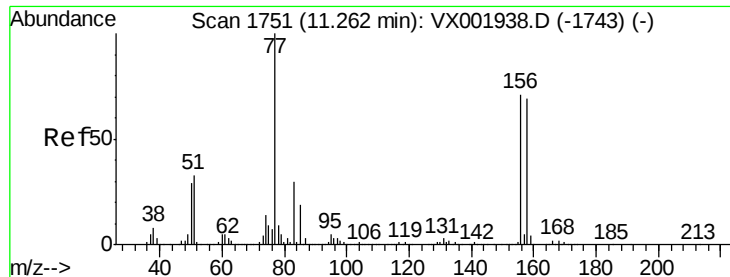
Tgt Ion: 75 Resp: 114981

Ion Ratio Lower Upper

75 100

77 33.4 22.8 68.3





#77

Bromobenzene

Concen: 19.33 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD03

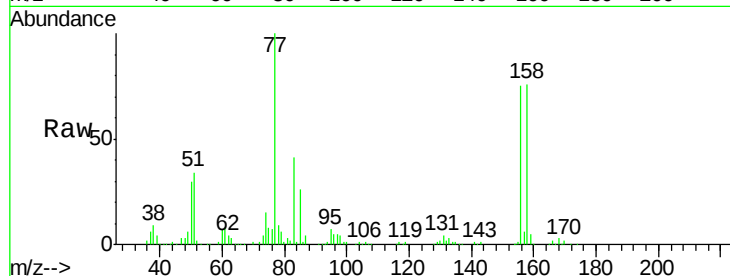
Tgt Ion:156 Resp: 83515

Ion Ratio Lower Upper

156 100

77 145.7 75.2 225.6

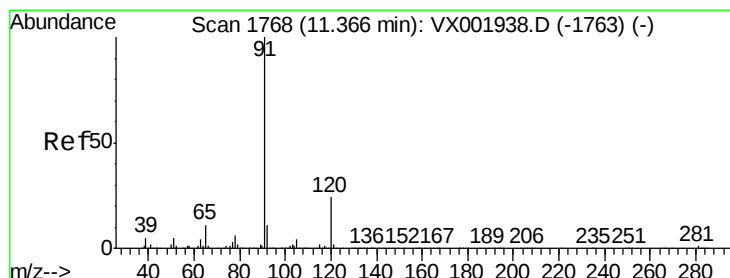
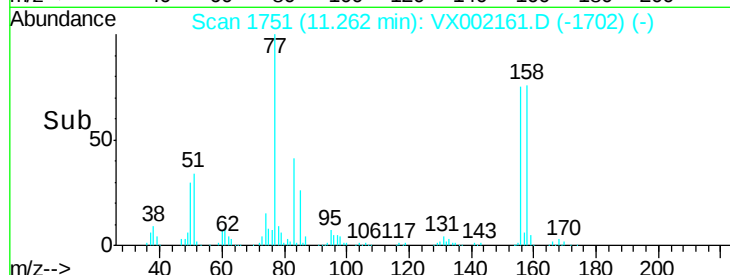
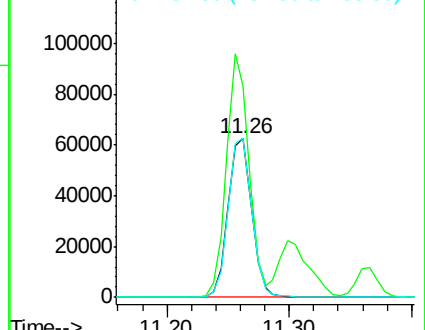
158 99.8 48.6 145.8



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: 18.84 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002161.D

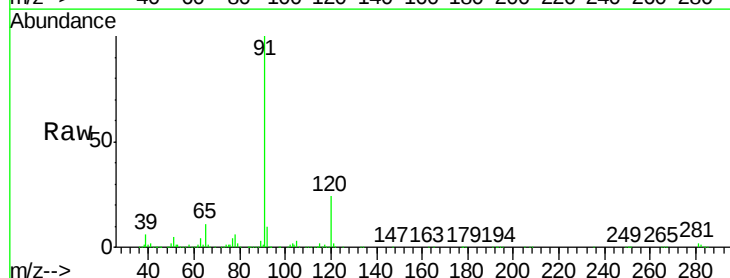
Acq: 31 May 2018 03:03

Tgt Ion: 91 Resp: 343699

Ion Ratio Lower Upper

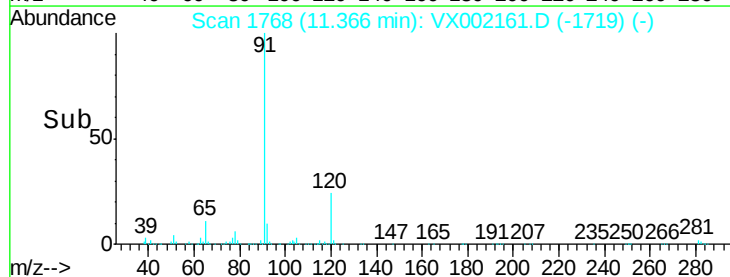
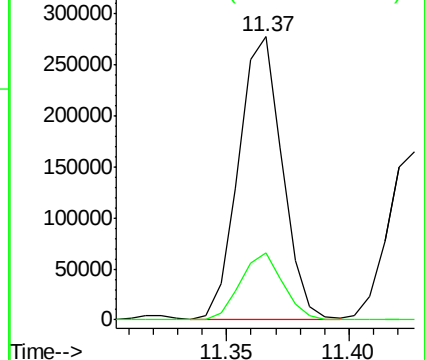
91 100

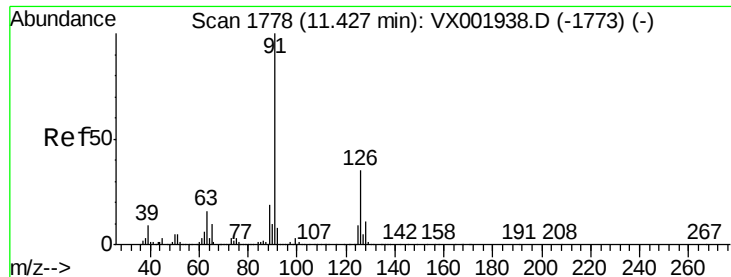
120 23.2 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.55 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

Instrument :

MSVOA_X

ClientSampleId :

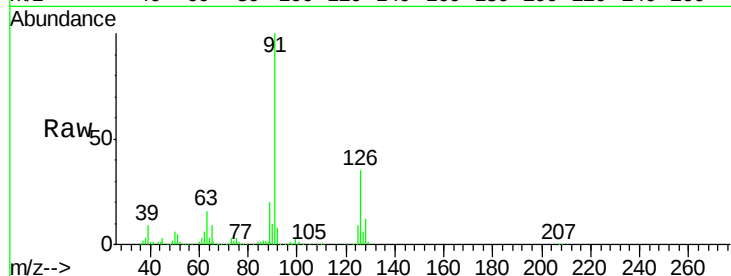
VX0530WBSD03

Tgt Ion: 91 Resp: 209636

Ion Ratio Lower Upper

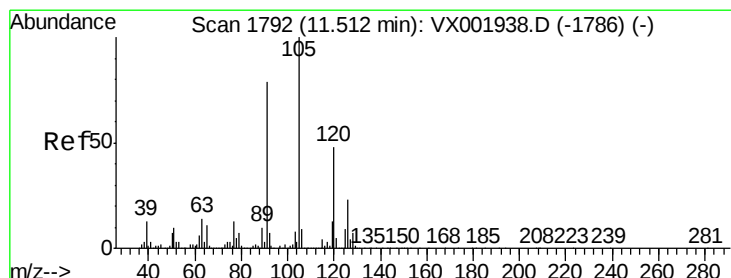
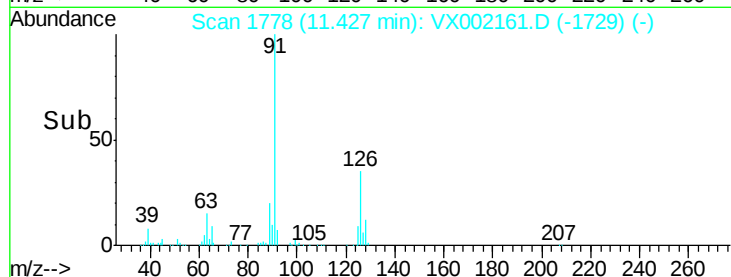
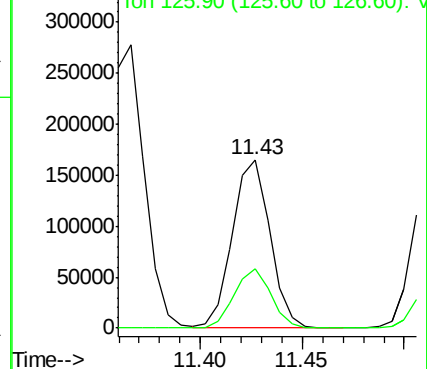
91 100

126 35.2 17.4 52.2



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: 18.91 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002161.D

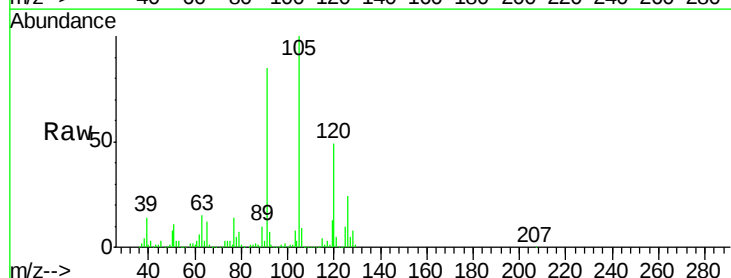
Acq: 31 May 2018 03:03

Tgt Ion: 105 Resp: 263133

Ion Ratio Lower Upper

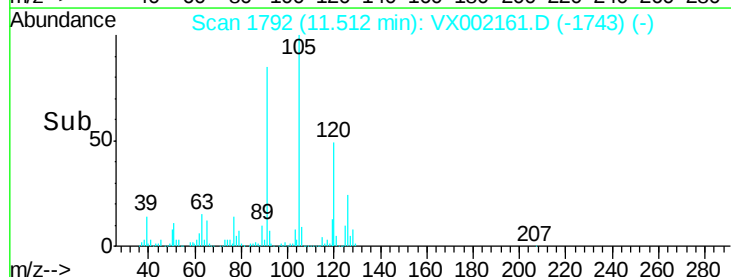
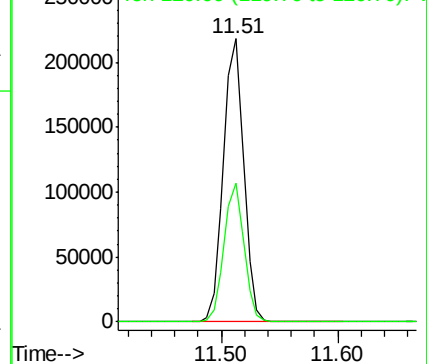
105 100

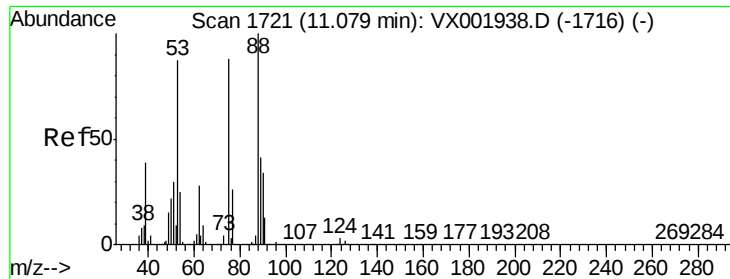
120 48.1 24.1 72.4



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: 13.08 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD03

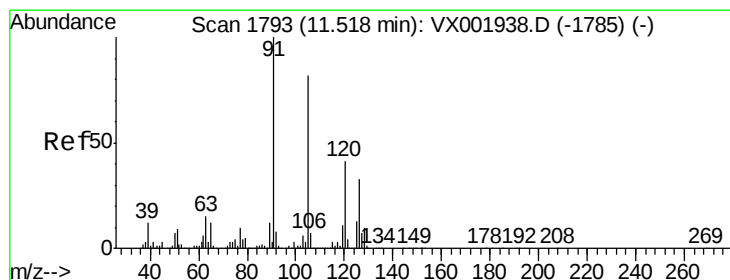
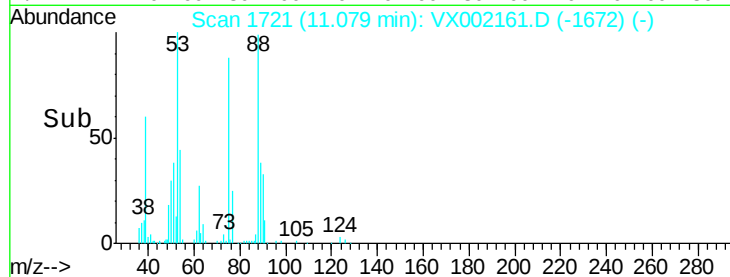
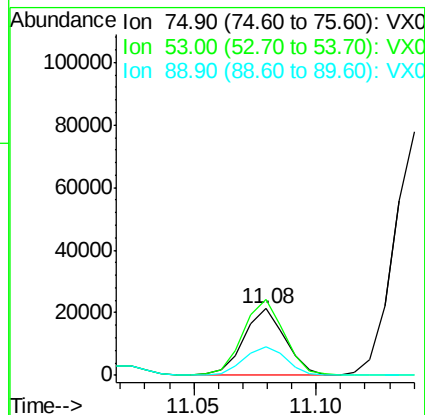
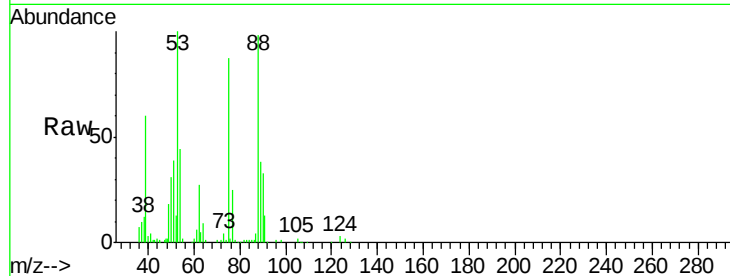
Tgt Ion: 75 Resp: 25143

Ion Ratio Lower Upper

75 100

53 113.2 78.0 117.0

89 44.5 39.4 59.2



#82

4-Chlorotoluene

Concen: 18.92 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX002161.D

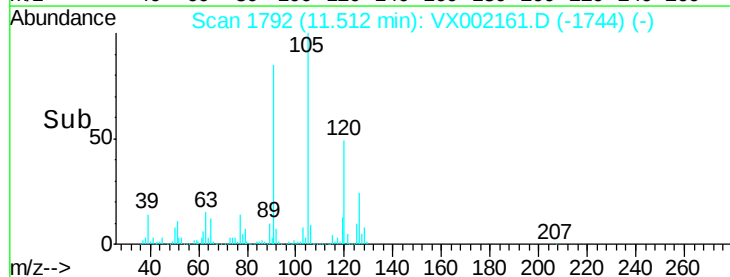
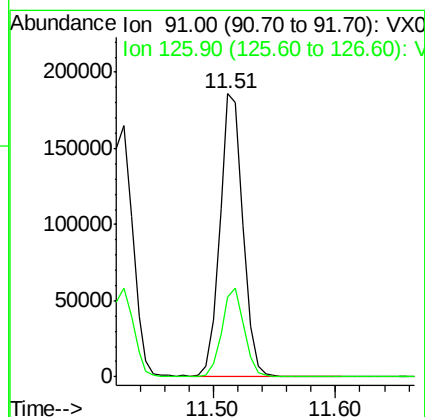
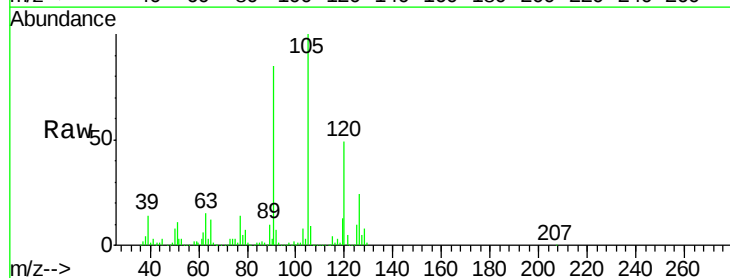
Acq: 31 May 2018 03:03

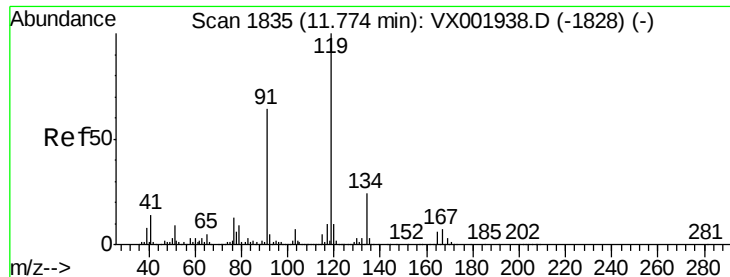
Tgt Ion: 91 Resp: 243363

Ion Ratio Lower Upper

91 100

126 30.4 15.3 45.8





#83

tert-Butylbenzene

Concen: 18.46 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD03

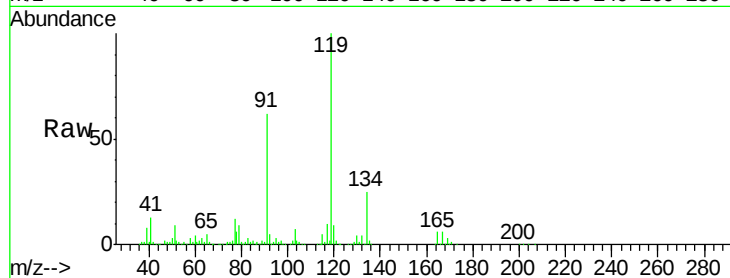
Tgt Ion:119 Resp: 252108

Ion Ratio Lower Upper

119 100

91 61.0 30.6 91.8

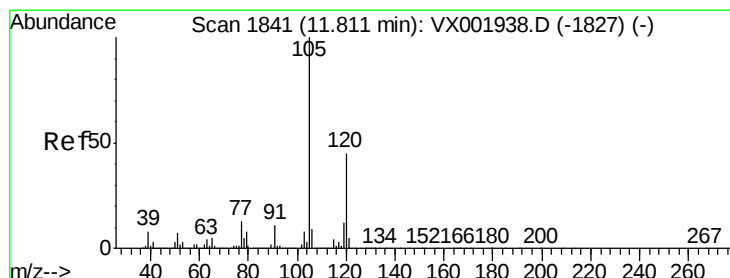
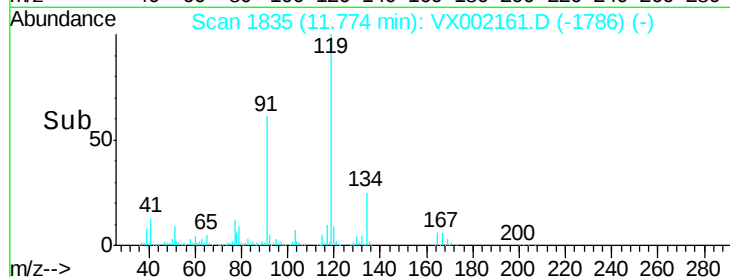
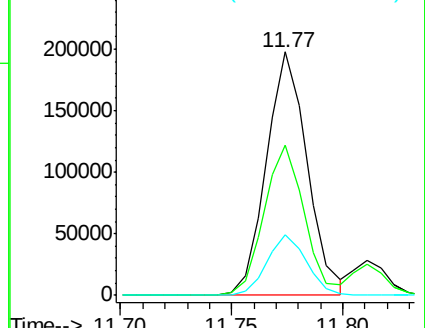
134 24.0 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.63 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX002161.D

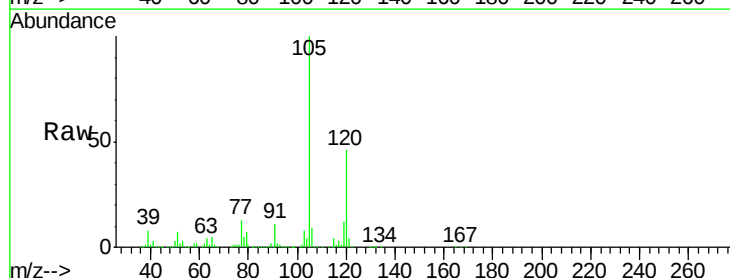
Acq: 31 May 2018 03:03

Tgt Ion:105 Resp: 267895

Ion Ratio Lower Upper

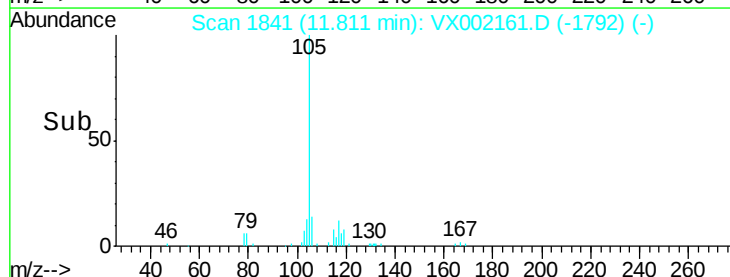
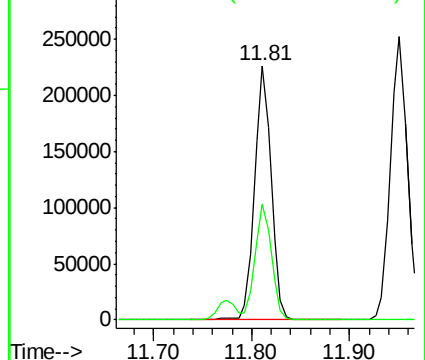
105 100

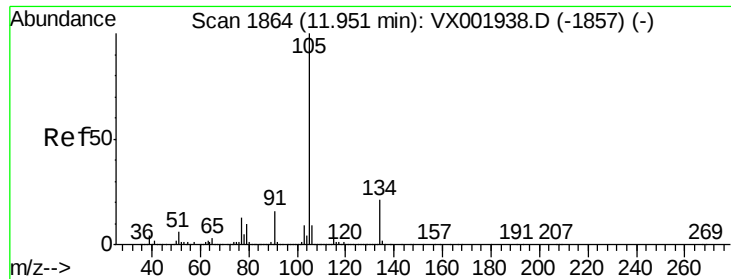
120 45.1 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.53 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

Instrument :

MSVOA_X

ClientSampleId :

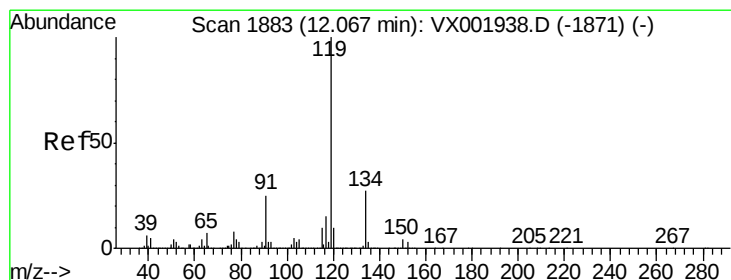
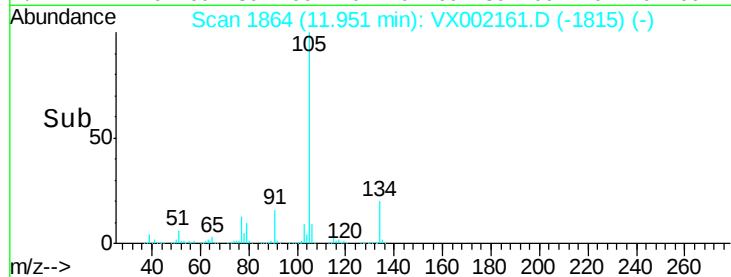
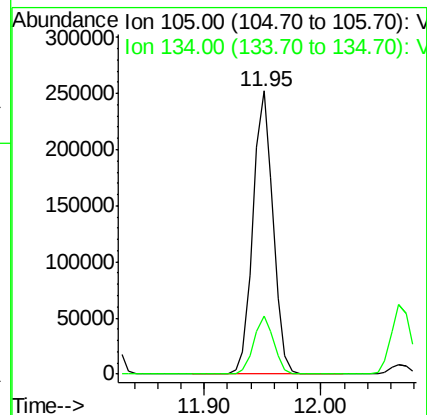
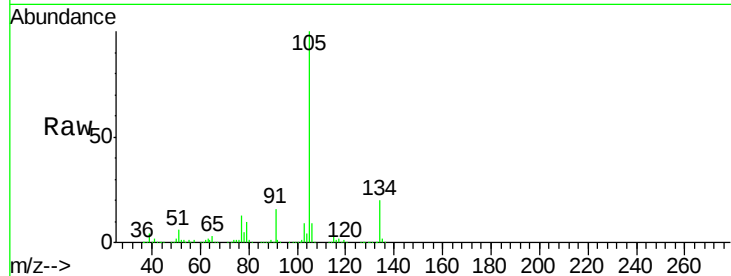
VX0530WBSD03

Tgt Ion:105 Resp: 304260

Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.4



#86

p-Isopropyltoluene

Concen: 18.36 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

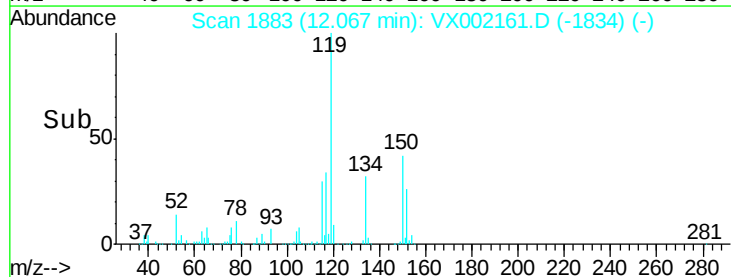
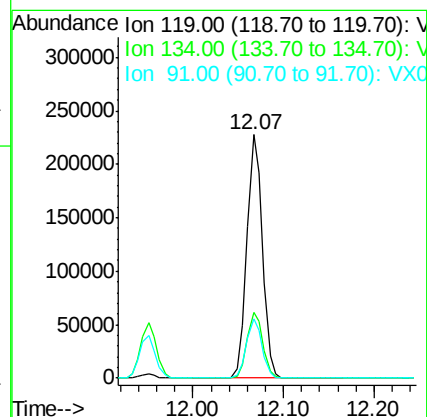
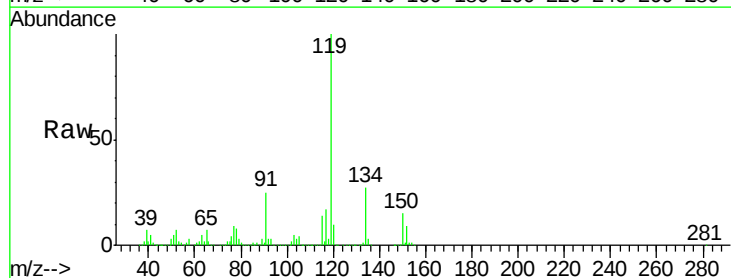
Tgt Ion:119 Resp: 269732

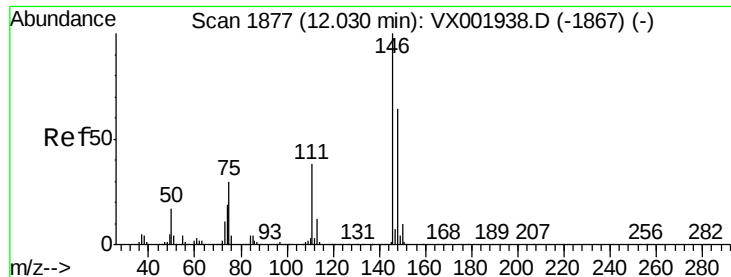
Ion Ratio Lower Upper

119 100

134 27.6 13.6 40.8

91 24.5 12.2 36.4

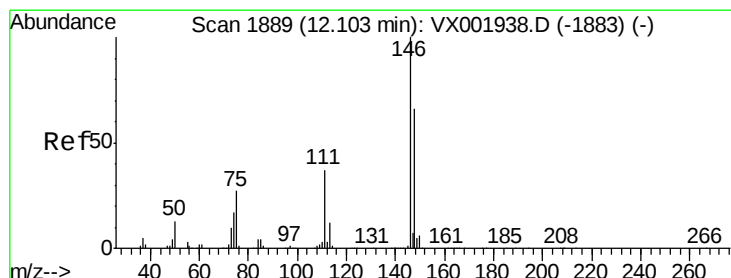
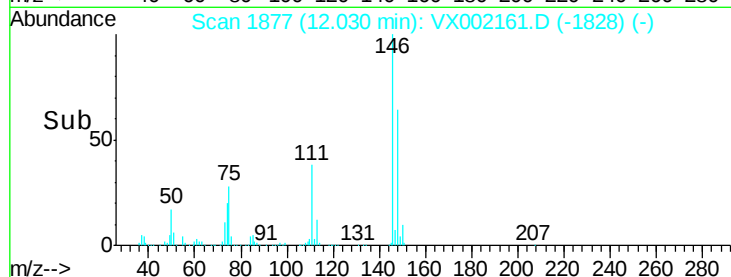
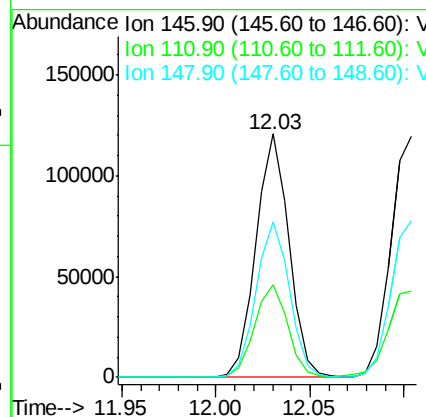
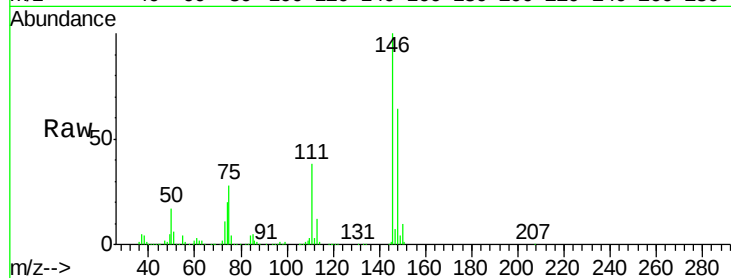




#87
 1,3-Dichlorobenzene
 Concen: 18.93 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002161.D
 Acq: 31 May 2018 03:03

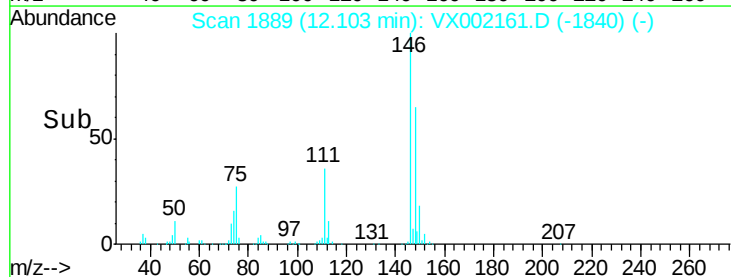
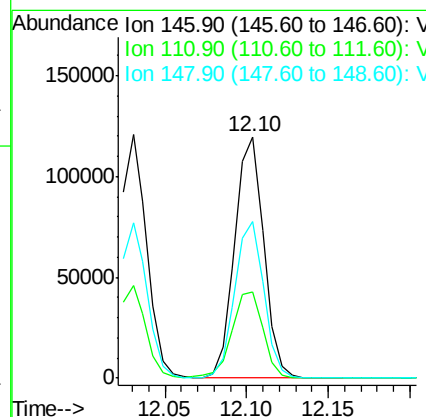
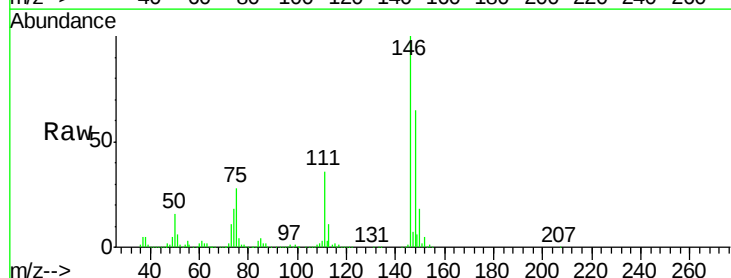
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBSD03

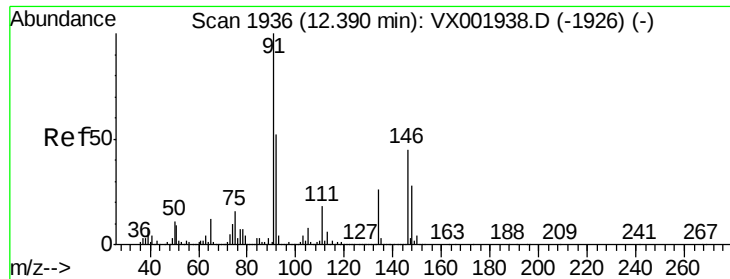
Tgt Ion:146 Resp: 146468
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.3 57.8
 148 64.7 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.20 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002161.D
 Acq: 31 May 2018 03:03

Tgt Ion:146 Resp: 148500
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.9 56.5
 148 65.2 32.3 96.8





#89

n-Butylbenzene

Concen: 17.89 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD03

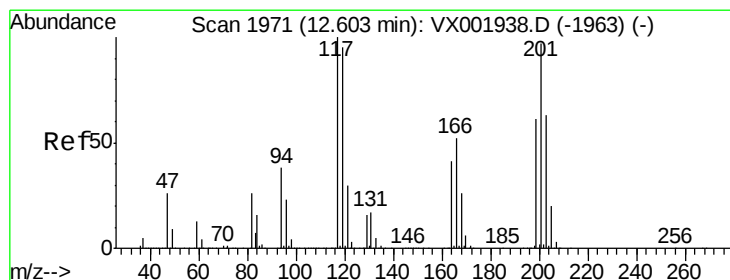
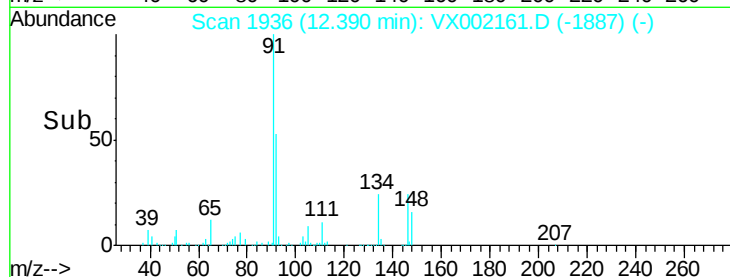
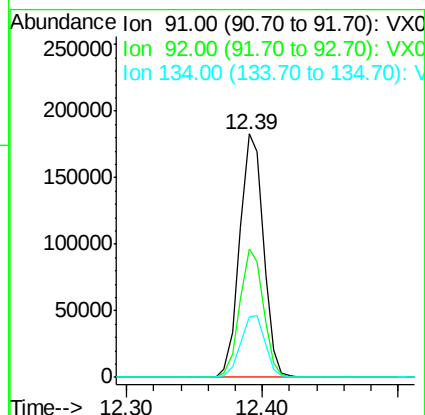
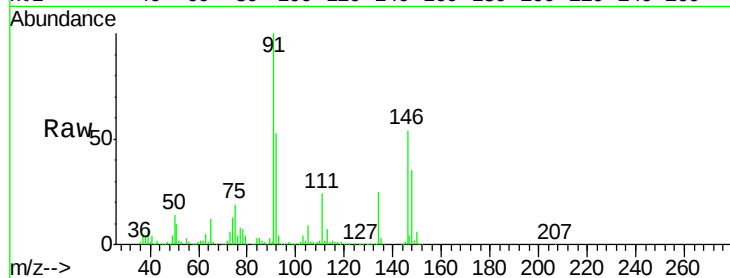
Tgt Ion: 91 Resp: 222728

Ion Ratio Lower Upper

91 100

92 52.1 26.3 78.9

134 26.2 13.6 40.7



#90

Hexachloroethane

Concen: 13.83 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX002161.D

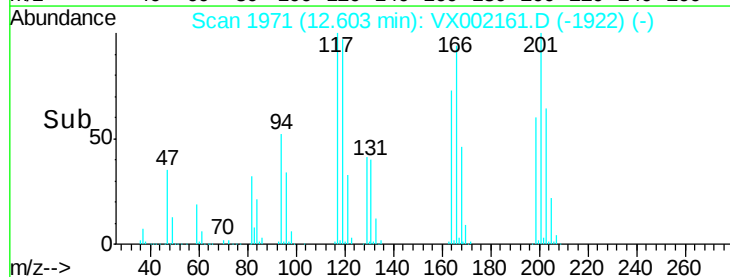
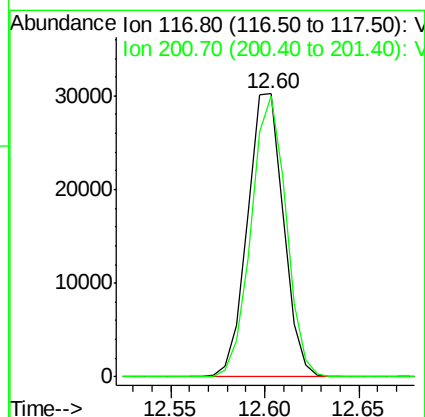
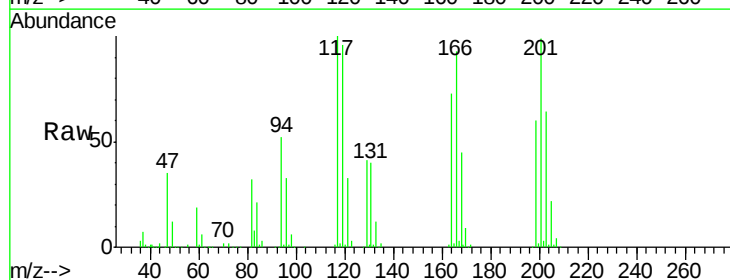
Acq: 31 May 2018 03:03

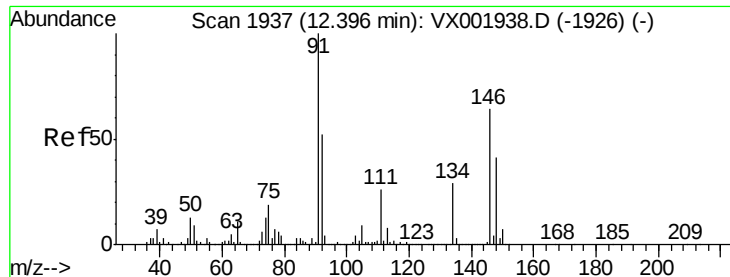
Tgt Ion: 117 Resp: 40087

Ion Ratio Lower Upper

117 100

201 95.5 48.0 144.0





#91

1,2-Dichlorobenzene

Concen: 19.38 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD03

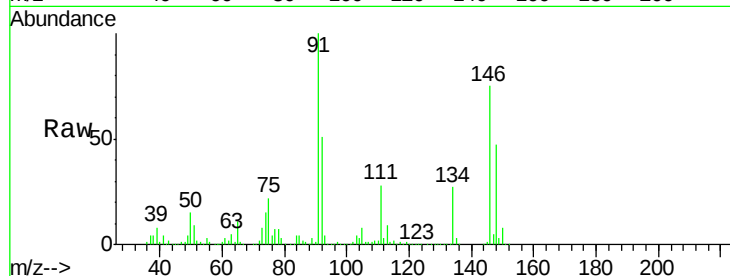
Tgt Ion:146 Resp: 152793

Ion Ratio Lower Upper

146 100

111 40.1 19.8 59.3

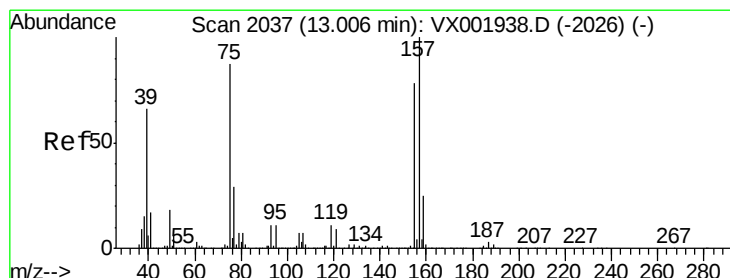
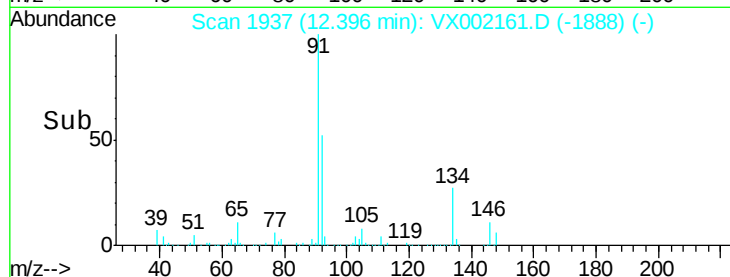
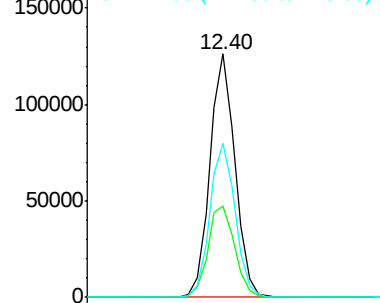
148 63.9 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 15.15 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

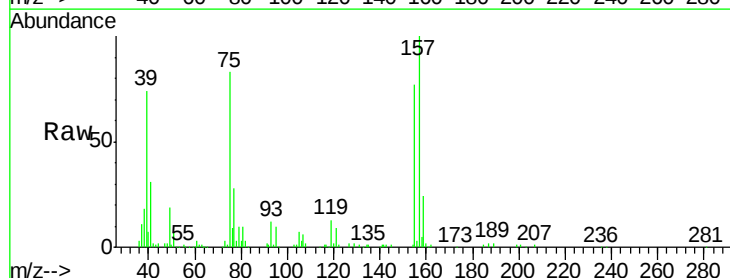
Tgt Ion: 75 Resp: 21933

Ion Ratio Lower Upper

75 100

155 90.9 45.1 135.2

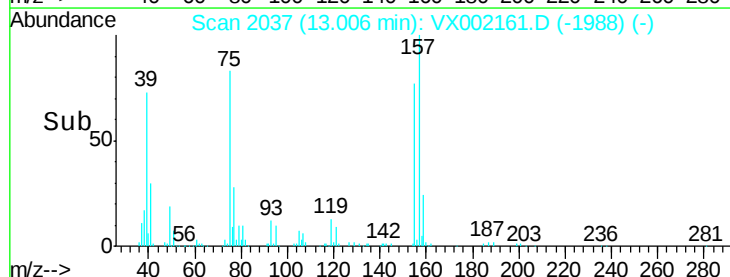
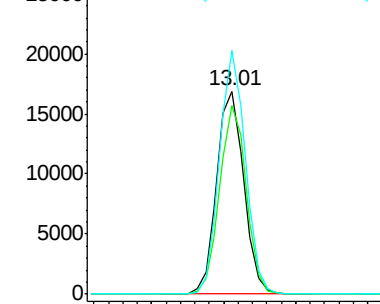
157 114.1 58.1 174.2

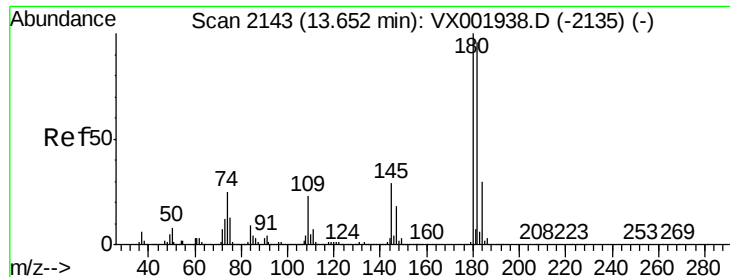


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

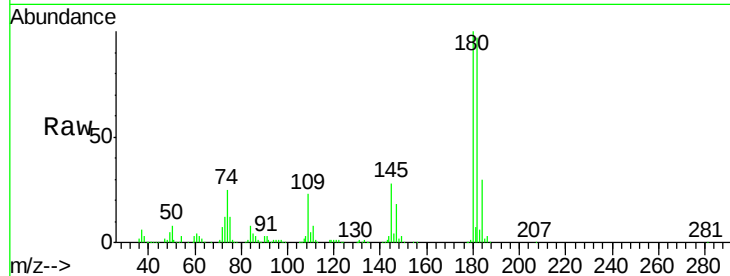




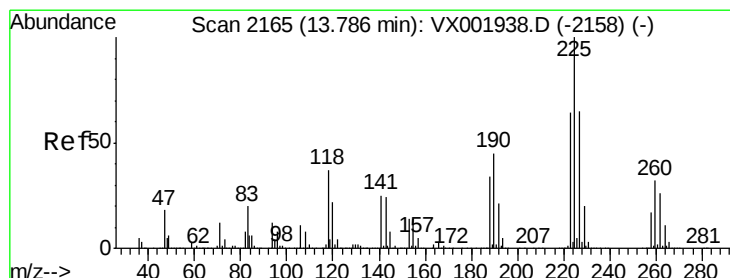
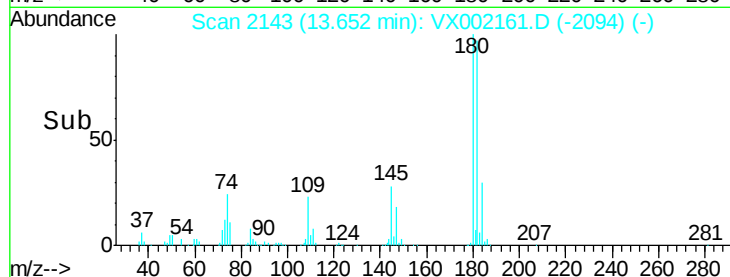
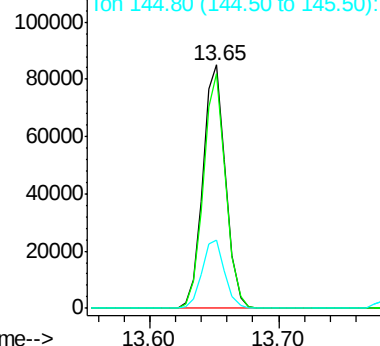
#93
 1,2,4-Trichlorobenzene
 Concen: 18.59 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002161.D
 Acq: 31 May 2018 03:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBSD03

Tgt Ion:180 Resp: 104794
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.7 143.1
 145 28.2 14.4 43.0

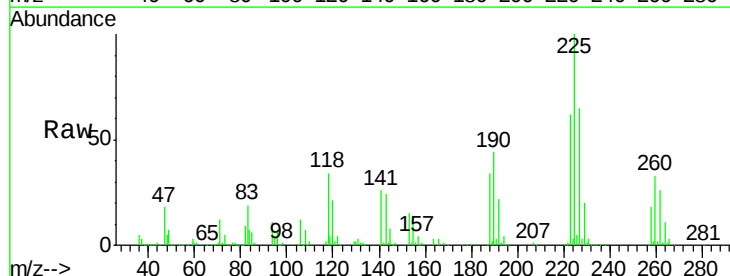


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

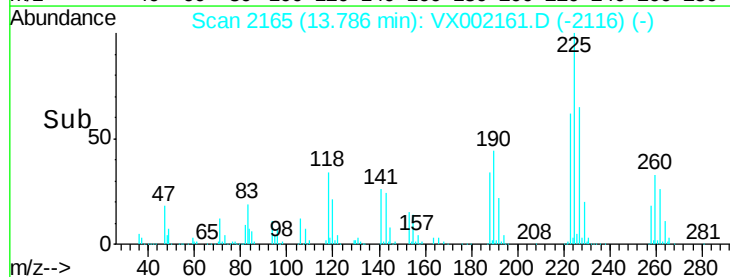
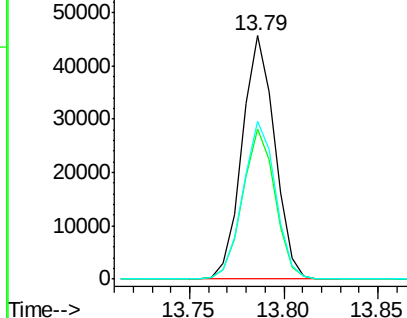


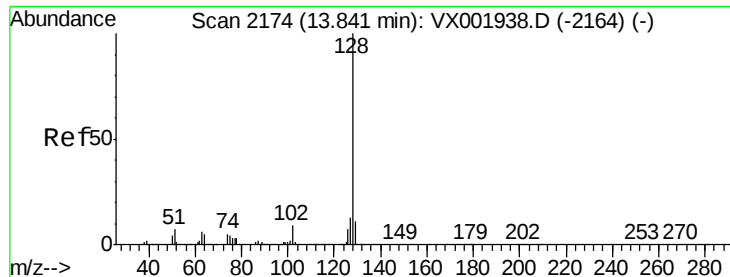
#94
 Hexachlorobutadiene
 Concen: 18.10 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002161.D
 Acq: 31 May 2018 03:03

Tgt Ion:225 Resp: 54891
 Ion Ratio Lower Upper
 225 100
 223 61.2 31.1 93.5
 227 64.4 32.1 96.5



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





#95

Naphthalene

Concen: 19.01 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD03

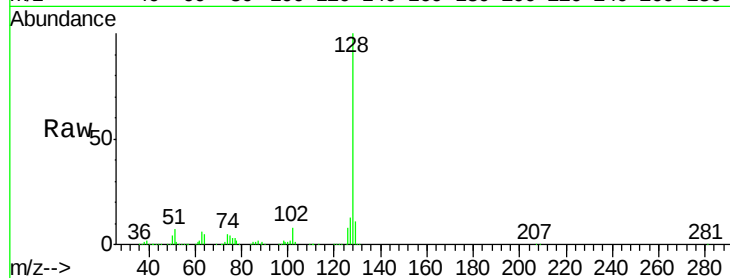
Tgt Ion:128 Resp: 330193

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

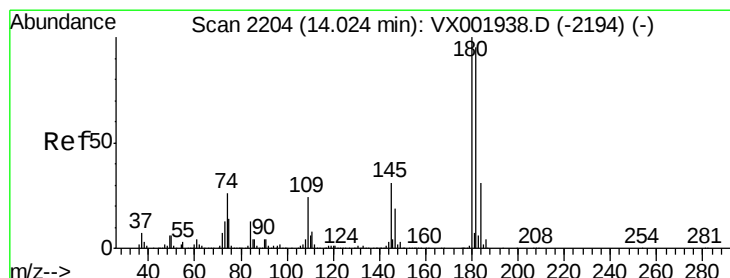
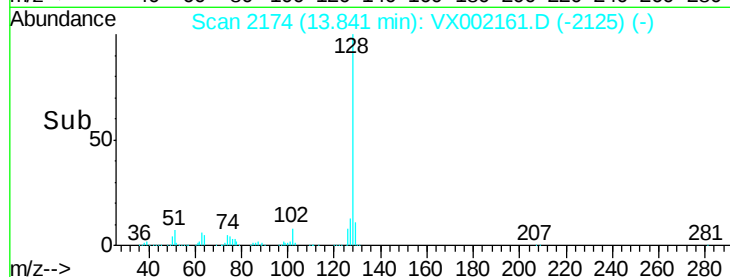
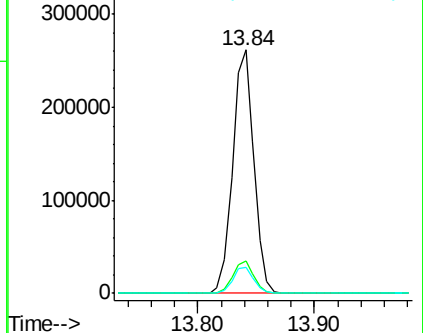
129 10.7 8.8 13.2



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: 18.63 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002161.D

Acq: 31 May 2018 03:03

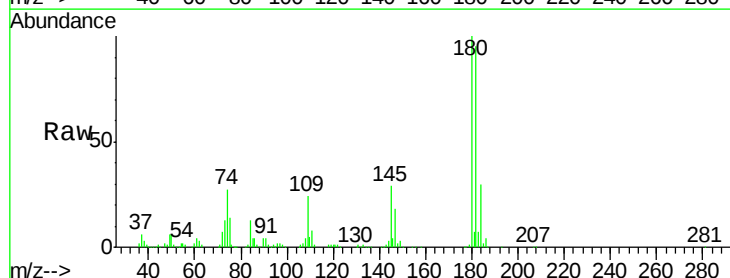
Tgt Ion:180 Resp: 108684

Ion Ratio Lower Upper

180 100

182 95.8 47.9 143.6

145 29.8 15.1 45.3



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

