

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX053018\
 Data File : VX002156.D
 Acq On : 30 May 2018 23:57
 Operator : JC/MD
 Sample : VX0530WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBSD01

Quant Time: May 31 02:18:47 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	5.66	168	1170	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.87	114	286705	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	260464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	762	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	123198	5890.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11781.52%	
35) Dibromofluoromethane	5.50	113	505	0.18	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	0.36%	
50) Toluene-d8	8.72	98	352375	33.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.90%	
62) 4-Bromofluorobenzene	11.14	95	129345	31.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.70%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	47274	3363.33	ug/l	98
3) Chloromethane	1.32	50	63454	3524.90	ug/l	100
4) Vinyl Chloride	1.40	62	62945	3621.34	ug/l	99
5) Bromomethane	1.64	94	34405	4383.65	ug/l	96
6) Chloroethane	1.73	64	42176	4116.13	ug/l	99
7) Trichlorofluoromethane	1.93	101	103781	3975.82	ug/l	99
8) Diethyl Ether	2.19	74	40622	4289.13	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	57200	3927.01	ug/l	97
10) Methyl Iodide	2.51	142	47240	2396.94	ug/l	97
11) Tert butyl alcohol	3.07	59	95102	23166.09	ug/l	98
12) 1,1-Dichloroethene	2.37	96	52706	3864.83	ug/l	96
13) Acrolein	2.29	56	26881	15144.60	ug/l	98
14) Allyl chloride	2.73	41	114518	4000.49	ug/l	97
15) Acrylonitrile	3.15	53	181547	21505.51	ug/l	99
16) Acetone	2.45	43	171711	21274.33	ug/l	98
17) Carbon Disulfide	2.57	76	116559	2969.77	ug/l	99
18) Methyl Acetate	2.78	43	100000	5261.59	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	217968	4249.58	ug/l	100
20) Methylene Chloride	2.86	84	63632	4708.62	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	56553	4396.90	ug/l	99
22) Diisopropyl ether	3.88	45	210187	3609.78	ug/l	98
23) Vinyl Acetate	3.83	43	889411	18423.17	ug/l	97
24) 1,1-Dichloroethane	3.70	63	105447	3812.35	ug/l	99
25) 2-Butanone	4.71	43	254885	17229.90	ug/l	100
26) 2,2-Dichloropropane	4.59	77	74592	2664.38	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	61150	3438.69	ug/l	93
28) Bromochloromethane	5.03	49	87095	7810.98	ug/l	100
29) Tetrahydrofuran	5.17	42	165861	17232.87	ug/l	99
30) Chloroform	5.22	83	113256	3634.46	ug/l	94
31) Cyclohexane	5.57	56	88764	3080.24	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	92334	3178.31	ug/l	98
36) 1,1-Dichloropropene	5.81	75	72534	18.19	ug/l	98
37) Ethyl Acetate	4.87	43	99181	19.08	ug/l	100
38) Carbon Tetrachloride	5.79	117	77772	16.72	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	86622	17.68	ug/l	99
40) Benzene	6.15	78	233375	19.97	ug/l	99
41) Methacrylonitrile	5.07	41	56636	19.82	ug/l	98
42) 1,2-Dichloroethane	6.20	62	94999	20.36	ug/l	99
43) Isopropyl Acetate	6.47	43	165771	19.14	ug/l	99
44) Trichloroethene	7.22	130	65924	19.36	ug/l	97
45) 1,2-Dichloropropane	7.52	63	64675	20.38	ug/l	98
46) Dibromomethane	7.67	93	41700	19.85	ug/l	99
47) Bromodichloromethane	7.90	83	77604	17.33	ug/l	100
48) Methyl methacrylate	7.78	41	85083	19.30	ug/l	98
49) 1,4-Dioxane	7.76	88	30717	395.35	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	544789	104.32	ug/l	98
52) Toluene	8.79	92	149957	20.17	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	91958	17.83	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	84974	16.90	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	62732	20.20	ug/l	98
56) Ethyl methacrylate	9.19	69	101258	18.95	ug/l	98
57) 1,3-Dichloropropane	9.38	76	106324	20.78	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	360797	152.36	ug/l	100
59) 2-Hexanone	9.50	43	409036	101.58	ug/l	99
60) Dibromochloromethane	9.59	129	61851	16.81	ug/l	99
61) 1,2-Dibromoethane	9.68	107	65652	20.14	ug/l	99
64) Tetrachloroethene	9.34	164	75093	20.11	ug/l	99
65) Chlorobenzene	10.14	112	168591	20.43	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	62037	18.62	ug/l	99
67) Ethyl Benzene	10.26	91	288052	20.09	ug/l	99
68) m/p-Xylenes	10.37	106	218682	39.90	ug/l	99
69) o-Xylene	10.70	106	112142	20.49	ug/l	99
70) Styrene	10.71	104	180529	19.89	ug/l	99
71) Bromoform	10.86	173	46071	14.58	ug/l	# 99
73) Isopropylbenzene	11.02	105	294766	4568.12	ug/l	100
74) N-amyl acetate	6.47	43	165771	5282.35	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	90315	5249.27	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	108085	5905.38	ug/l	81
77) Bromobenzene	11.26	156	79304	4632.26	ug/l	98
78) n-propylbenzene	11.37	91	327090	4525.98	ug/l	98
79) 2-Chlorotoluene	11.43	91	200341	5295.15	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	246703	4473.78	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	23876	3135.26	ug/l	85
82) 4-Chlorotoluene	11.51	91	229298	4498.50	ug/l	99
83) tert-Butylbenzene	11.77	119	238488	4407.22	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	254196	4460.69	ug/l	100
85) sec-Butylbenzene	11.95	105	290494	4465.77	ug/l	99
86) p-Isopropyltoluene	12.07	119	257330	4420.87	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	138677	4523.09	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	137438	4483.75	ug/l	99
89) n-Butylbenzene	12.39	91	212740	4313.29	ug/l	100
90) Hexachloroethane	12.60	117	37506	3266.61	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	144999	4641.64	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20549	3581.85	ug/l	98

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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)
93) 1,2,4-Trichlorobenzene	13.65	180	99552	4456.65	ug/l	99
94) Hexachlorobutadiene	13.79	225	51755	4307.12	ug/l	99
95) Naphthalene	13.84	128	313156	4550.29	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	103401	4473.60	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

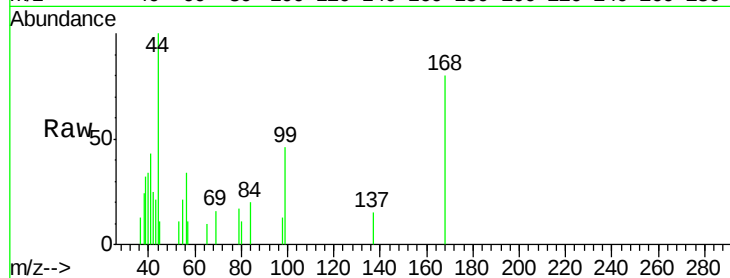
VX0530WBSD01

Tgt Ion:168 Resp: 1170

Ion Ratio Lower Upper

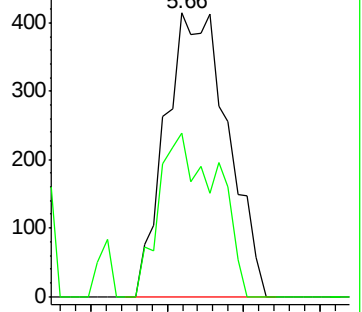
168 100

99 57.7 41.0 61.4

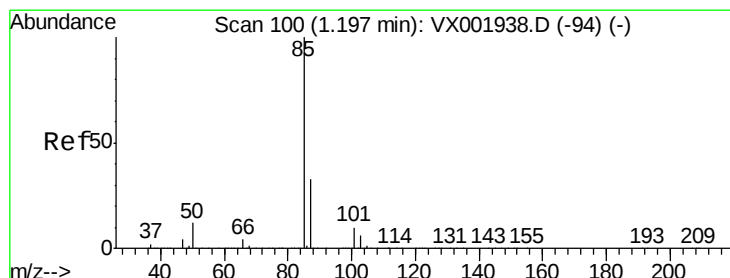
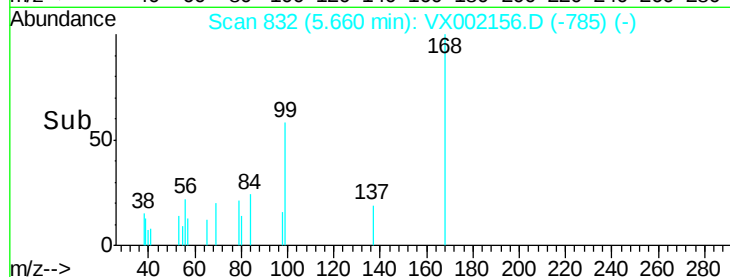


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



Time-->



#2

Dichlorodifluoromethane

Concen: 3363.33 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002156.D

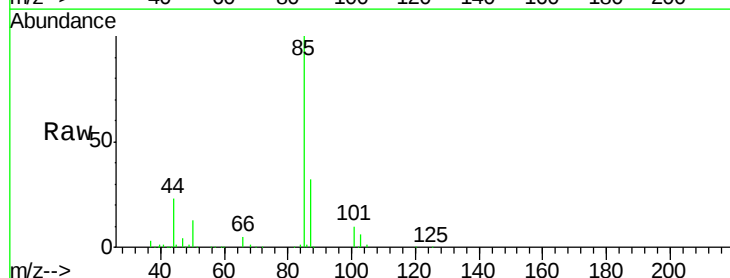
Acq: 30 May 2018 23:57

Tgt Ion: 85 Resp: 47274

Ion Ratio Lower Upper

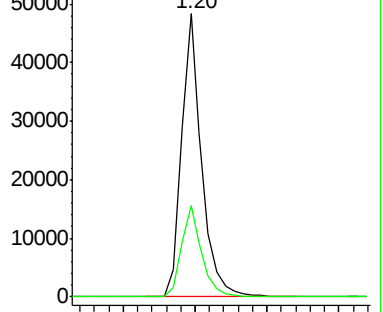
85 100

87 32.4 16.7 50.0

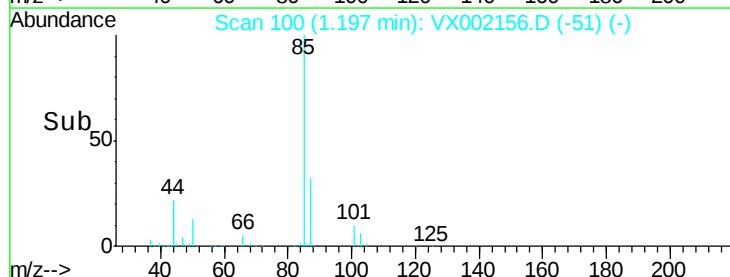


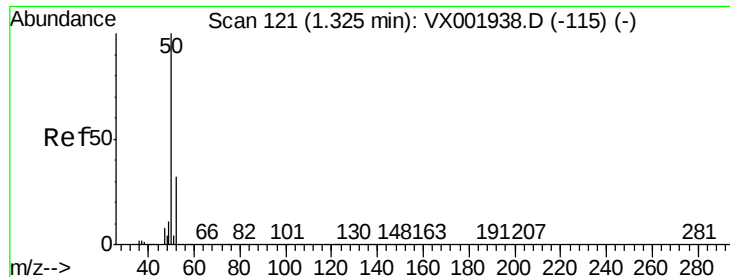
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0



Time-->





#3

Chloromethane

Concen: 3524.90 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

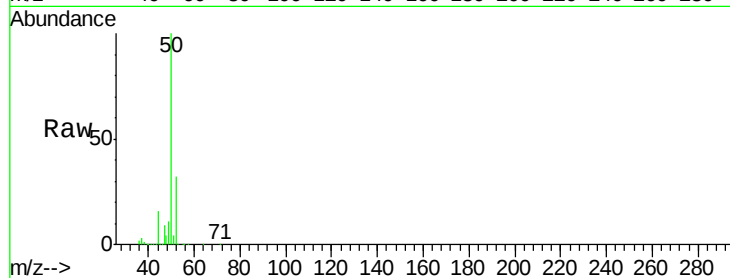
VX0530WBSD01

Tgt Ion: 50 Resp: 63454

Ion Ratio Lower Upper

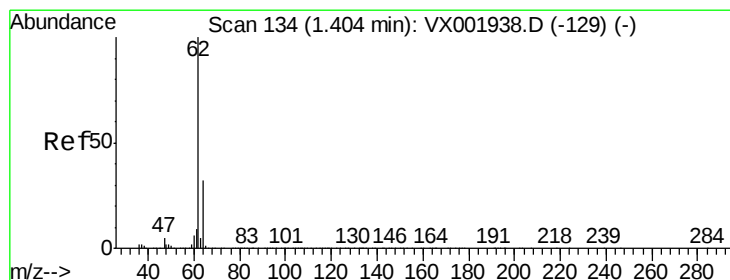
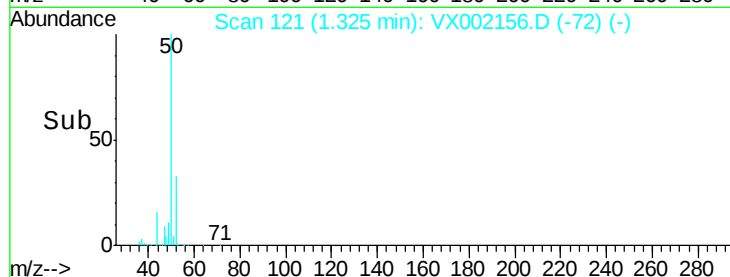
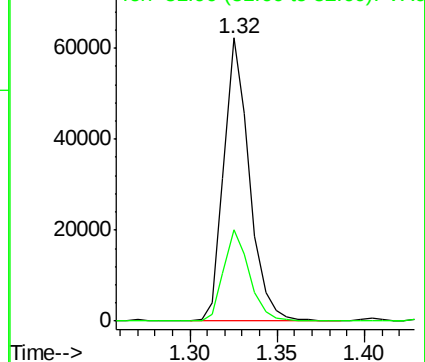
50 100

52 32.5 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 3621.34 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002156.D

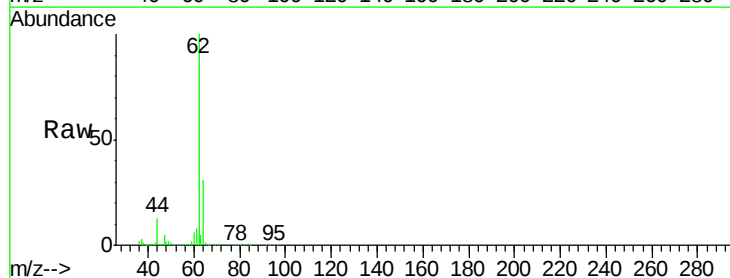
Acq: 30 May 2018 23:57

Tgt Ion: 62 Resp: 62945

Ion Ratio Lower Upper

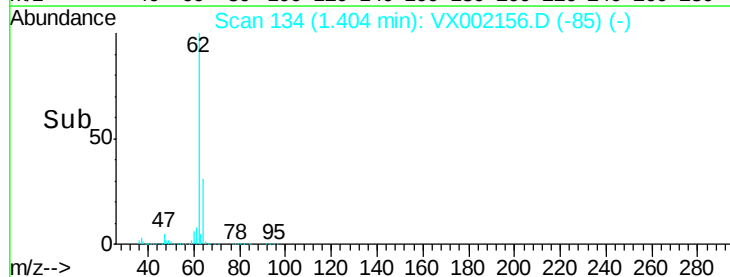
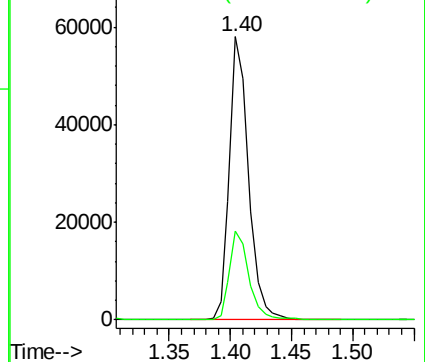
62 100

64 31.2 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 4383.65 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

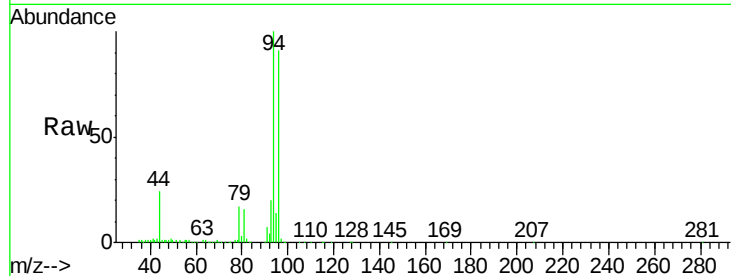
VX0530WBSD01

Tgt Ion: 94 Resp: 34405

Ion Ratio Lower Upper

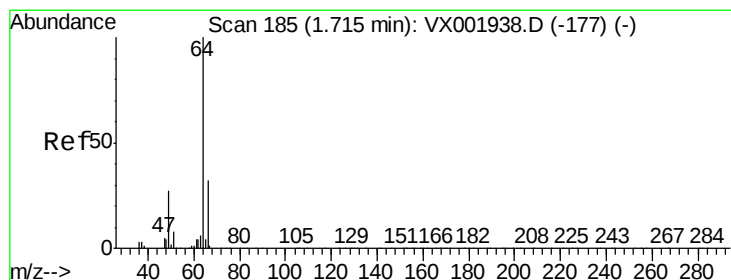
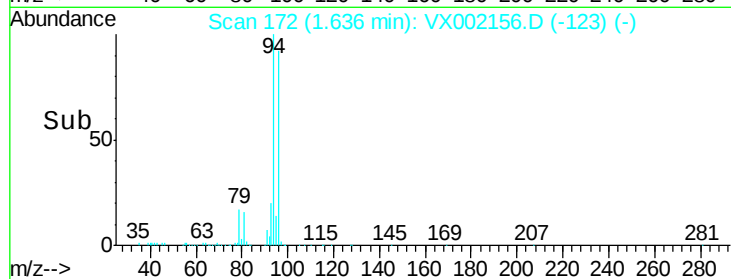
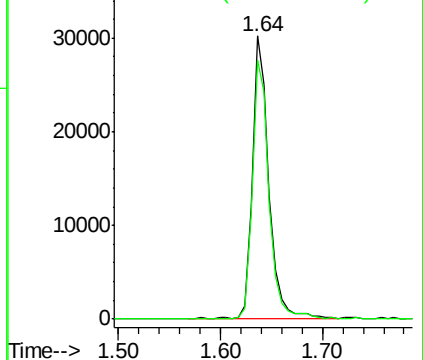
94 100

96 91.3 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: 4116.13 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002156.D

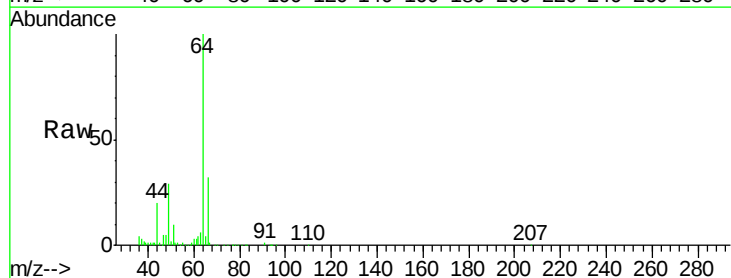
Acq: 30 May 2018 23:57

Tgt Ion: 64 Resp: 42176

Ion Ratio Lower Upper

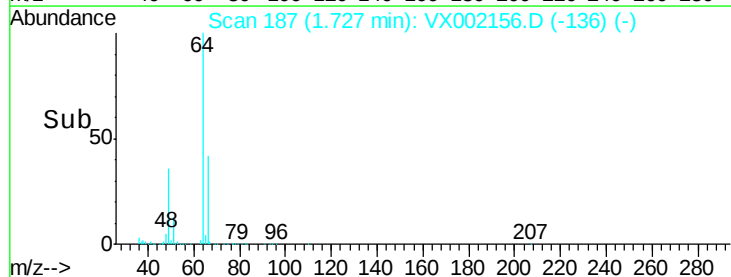
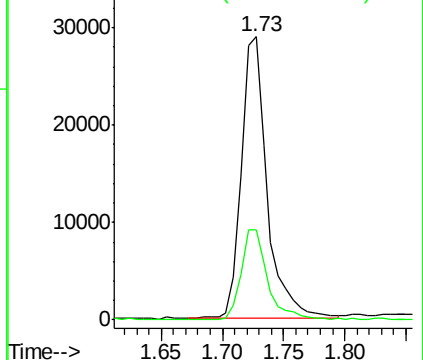
64 100

66 31.7 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



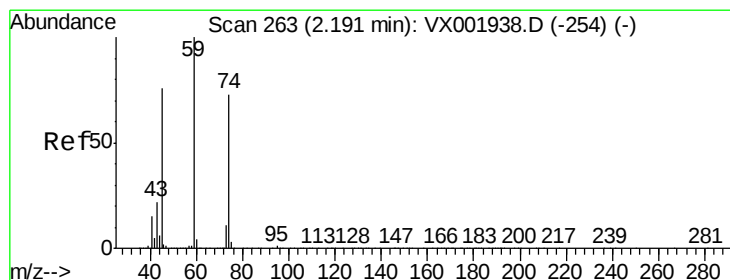
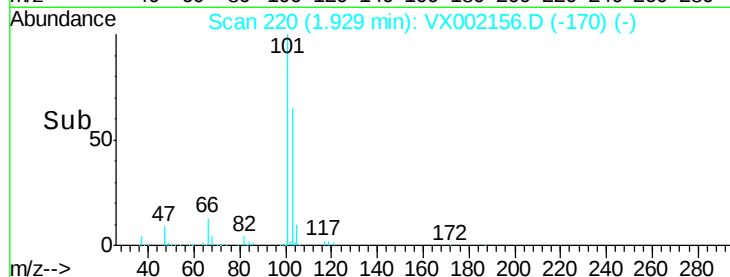
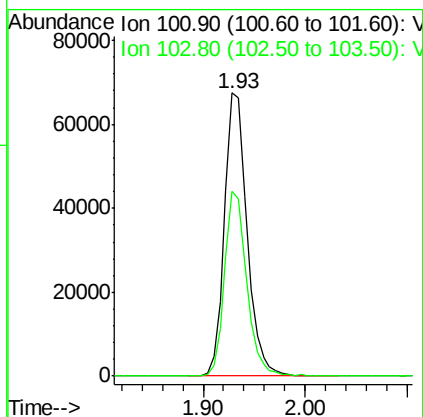
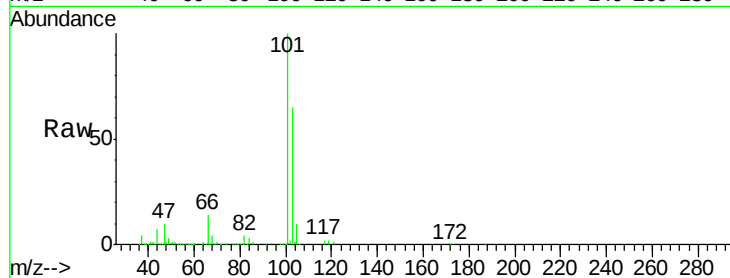


#7

Trichlorofluoromethane
 Concen: 3975.82 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX002156.D
 Acq: 30 May 2018 23:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBSD01

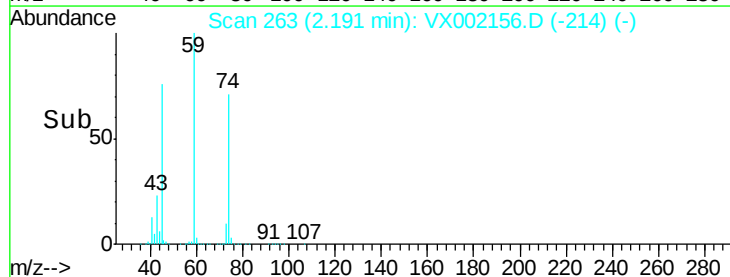
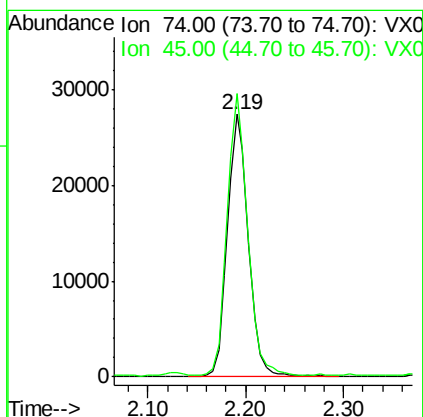
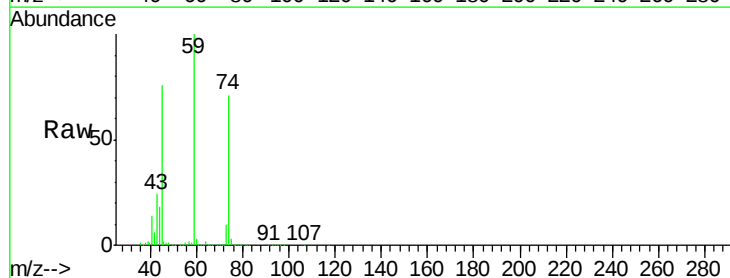
Tgt Ion:101 Resp: 103781
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.4 77.0

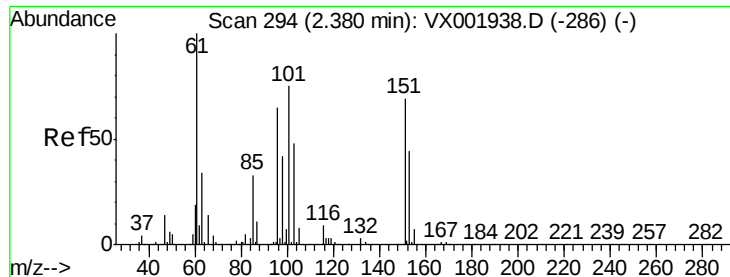


#8

Diethyl Ether
 Concen: 4289.13 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002156.D
 Acq: 30 May 2018 23:57

Tgt Ion: 74 Resp: 40622
 Ion Ratio Lower Upper
 74 100
 45 104.4 51.5 154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 3927.01 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD01

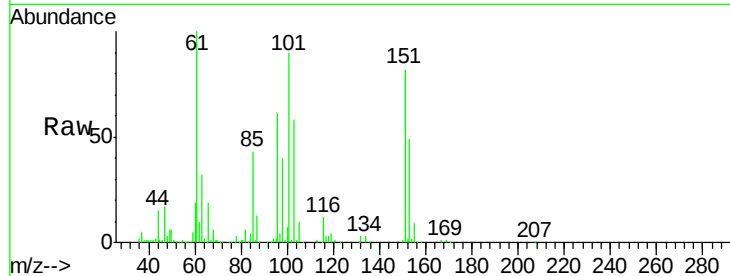
Tgt Ion:101 Resp: 57200

Ion Ratio Lower Upper

101 100

85 46.6 35.6 53.4

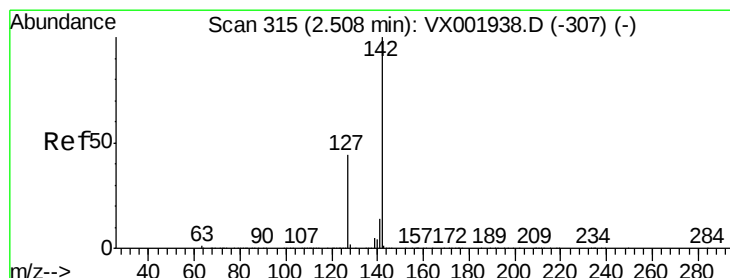
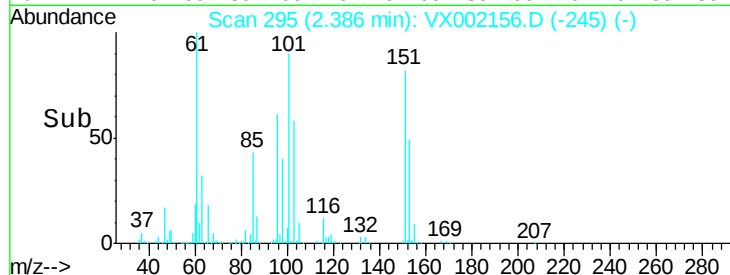
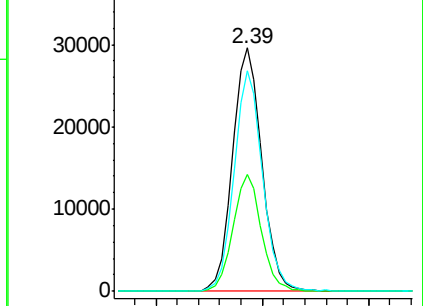
151 88.3 73.2 109.8



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: 2396.94 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

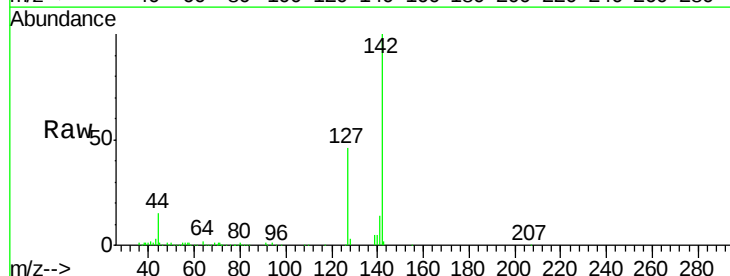
Tgt Ion:142 Resp: 47240

Ion Ratio Lower Upper

142 100

127 46.5 35.5 53.3

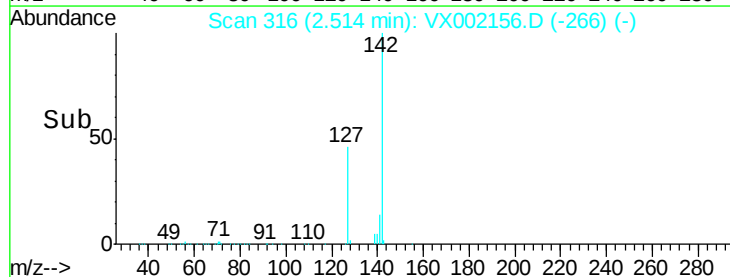
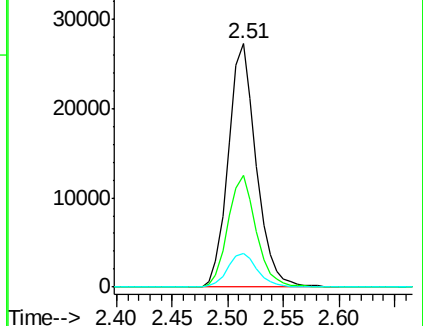
141 14.8 11.3 16.9



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



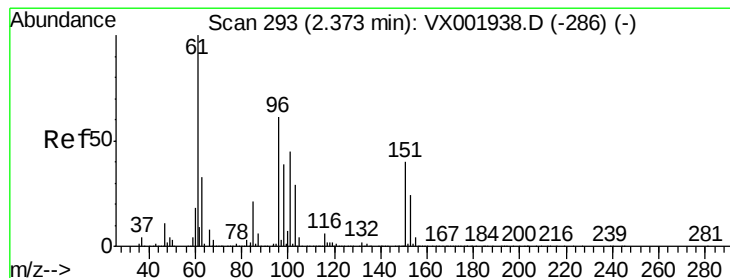
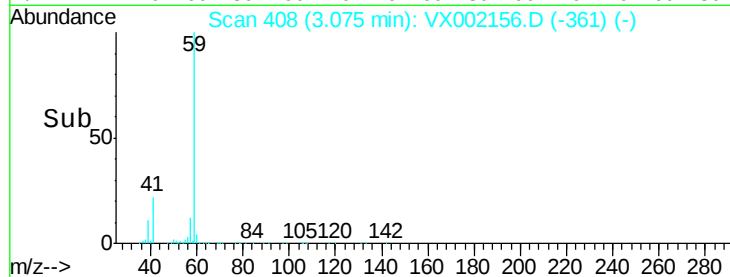
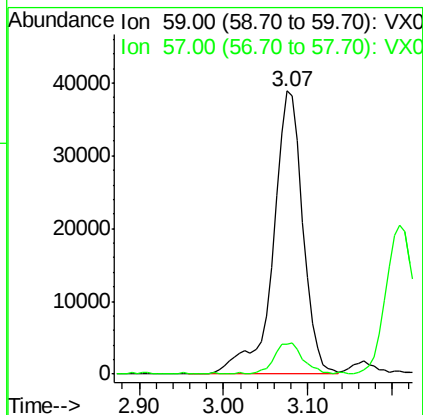
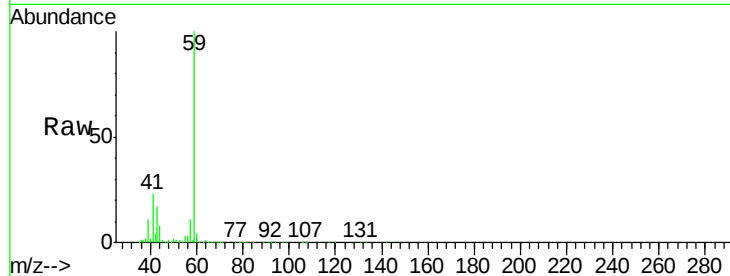


#11

Tert butyl alcohol
Concen: 23166.09 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002156.D
Acq: 30 May 2018 23:57

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBSD01

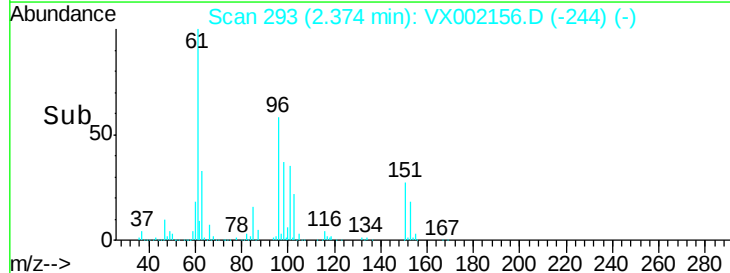
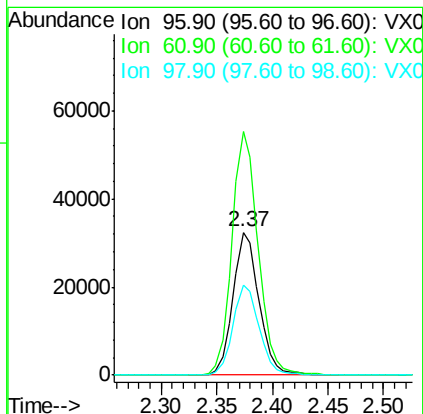
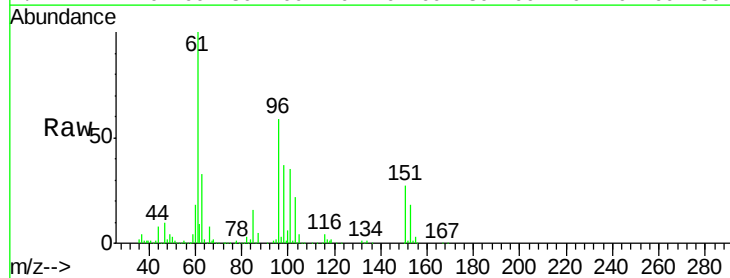
Tgt Ion: 59 Resp: 95102
Ion Ratio Lower Upper
59 100
57 10.4 8.9 13.3



#12

1,1-Dichloroethene
Concen: 3864.83 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX002156.D
Acq: 30 May 2018 23:57

Tgt Ion: 96 Resp: 52706
Ion Ratio Lower Upper
96 100
61 170.7 131.7 197.5
98 63.2 51.6 77.4





#13

Acrolein

Concen: 15144.60 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

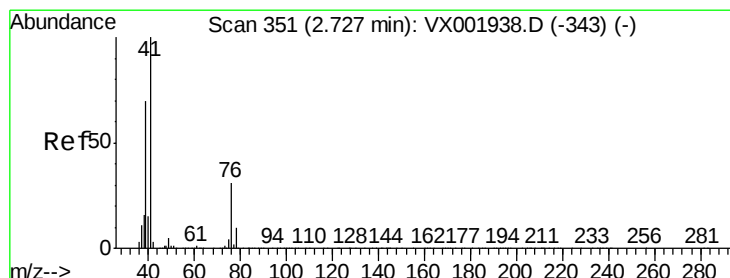
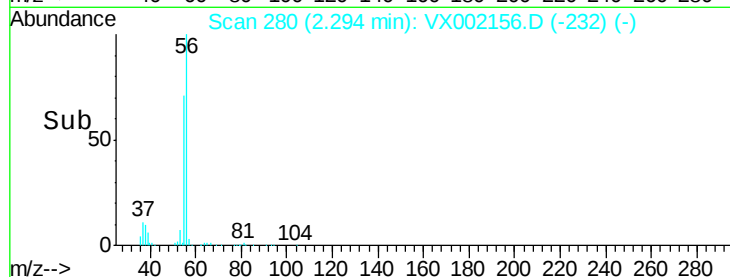
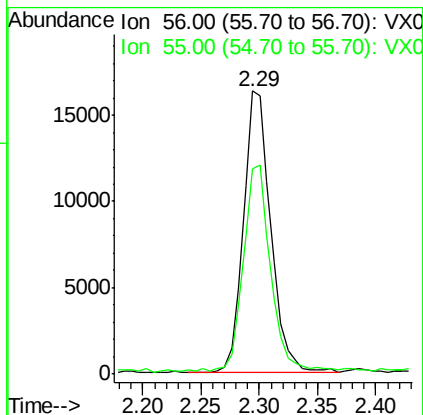
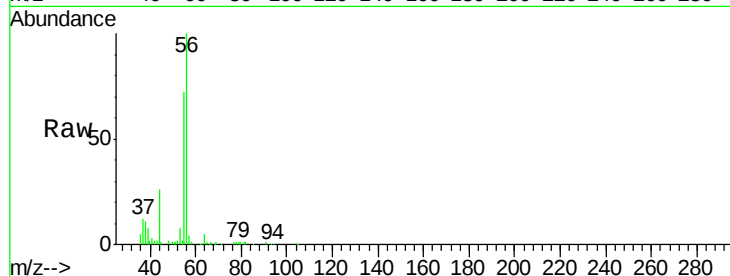
VX0530WBSD01

Tgt Ion: 56 Resp: 26881

Ion Ratio Lower Upper

56 100

55 73.0 56.8 85.2



#14

Allyl chloride

Concen: 4000.49 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

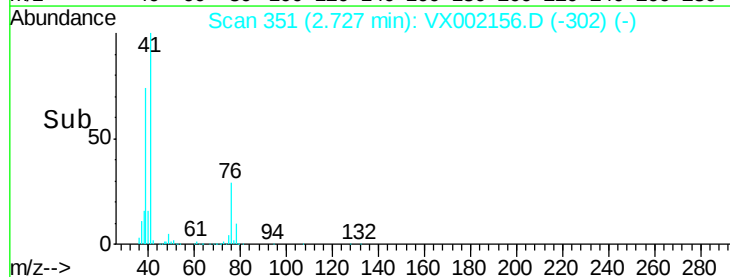
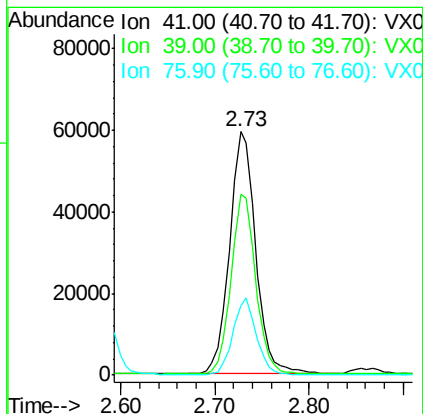
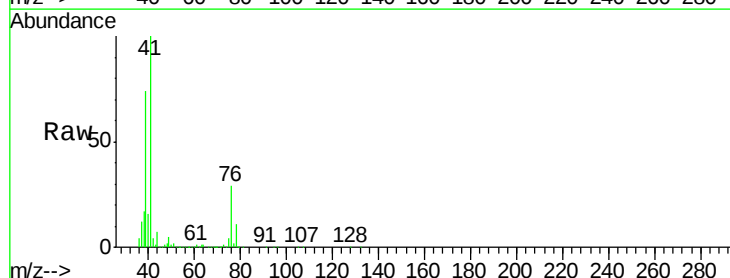
Tgt Ion: 41 Resp: 114518

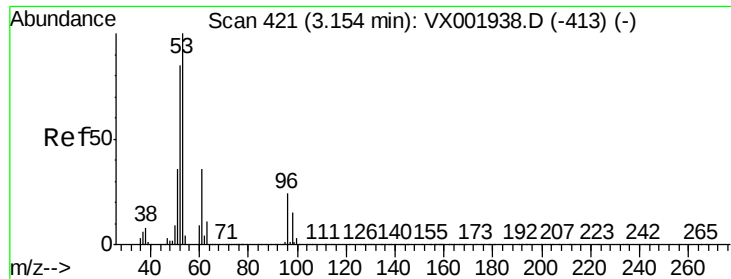
Ion Ratio Lower Upper

41 100

39 70.0 54.3 81.5

76 28.4 24.2 36.4





#15

Acrylonitrile

Concen: 21505.51 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD01

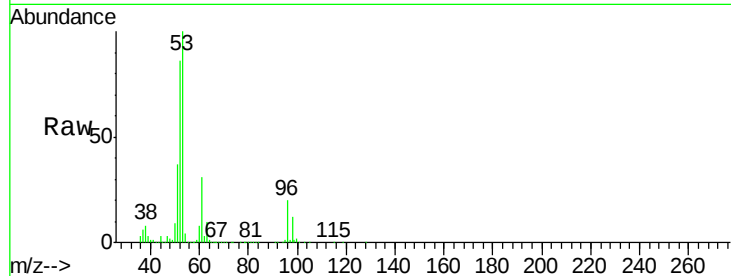
Tgt Ion: 53 Resp: 181547

Ion Ratio Lower Upper

53 100

52 84.0 66.4 99.6

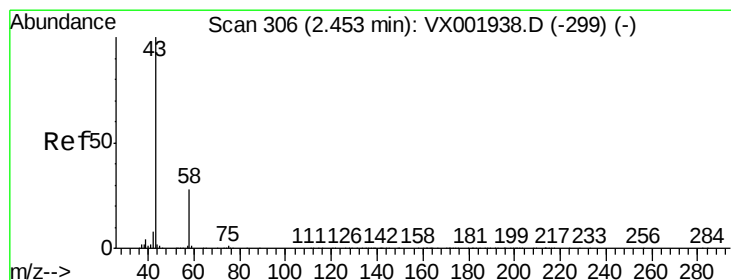
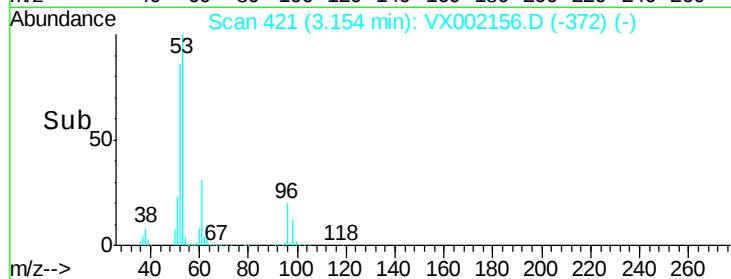
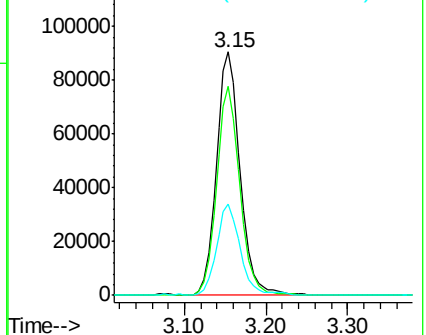
51 37.8 29.3 43.9



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: 21274.33 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002156.D

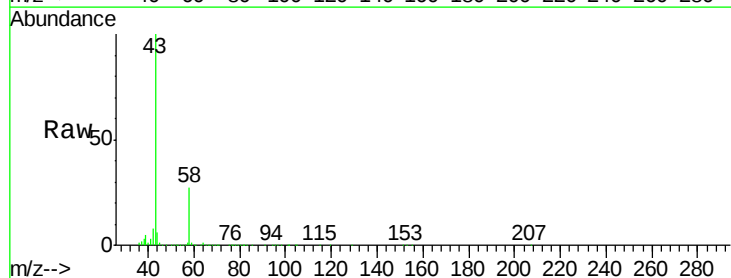
Acq: 30 May 2018 23:57

Tgt Ion: 43 Resp: 171711

Ion Ratio Lower Upper

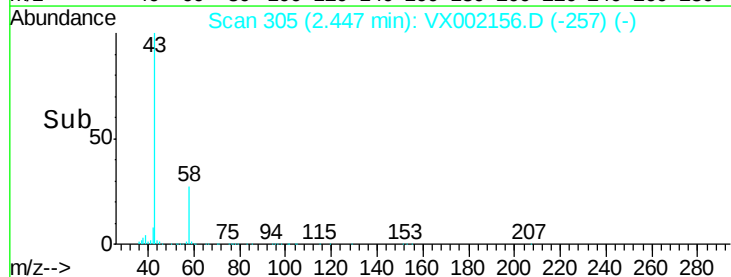
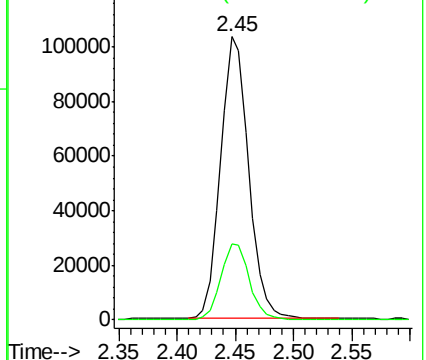
43 100

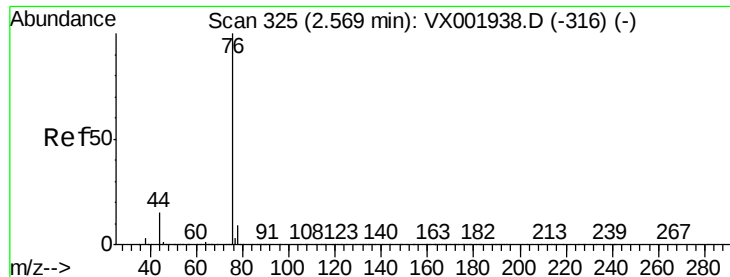
58 26.9 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

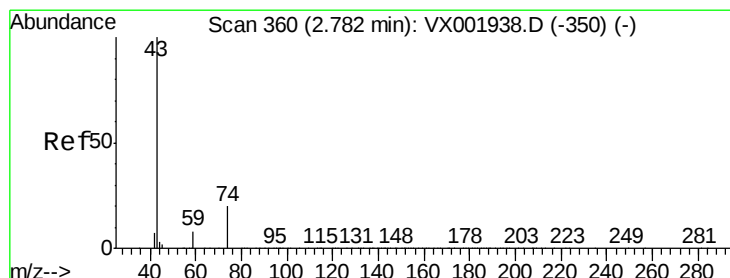
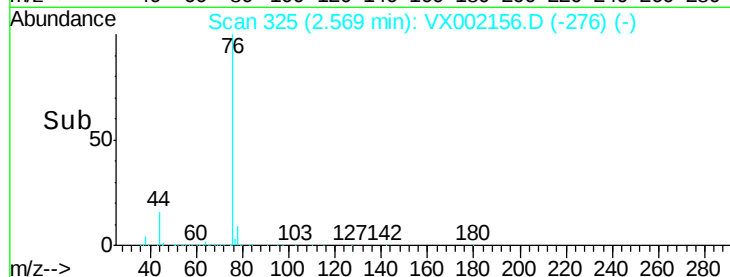
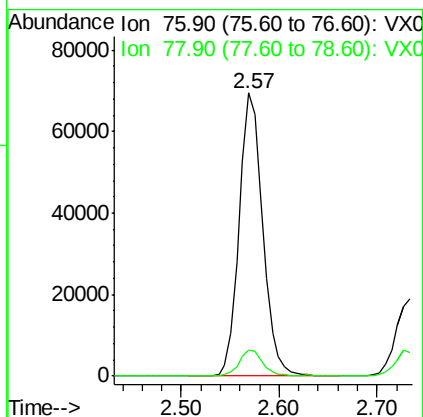
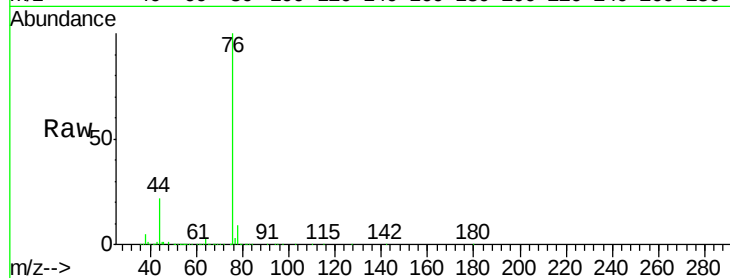




#17
Carbon Disulfide
Concen: 2969.77 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX002156.D
Acq: 30 May 2018 23:57

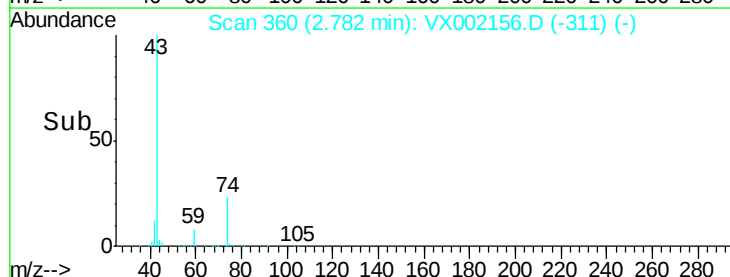
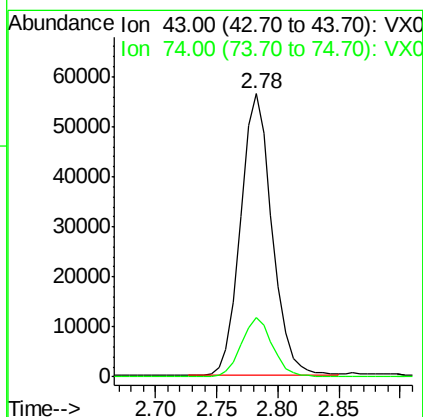
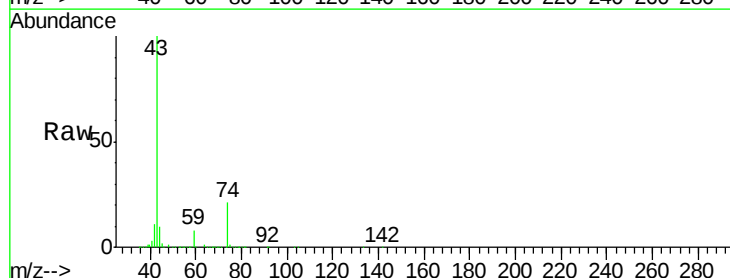
Instrument :
MSVOA_X
ClientSampleId :
VX0530WBSD01

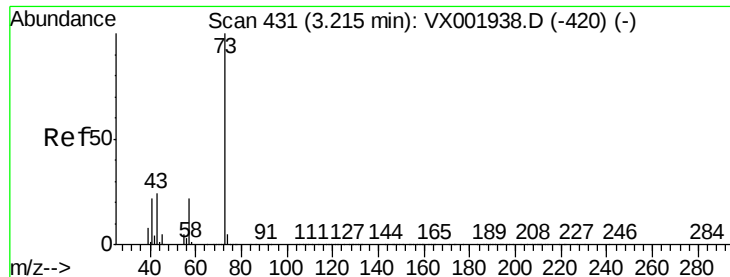
Tgt Ion: 76 Resp: 116559
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2



#18
Methyl Acetate
Concen: 5261.59 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002156.D
Acq: 30 May 2018 23:57

Tgt Ion: 43 Resp: 100000
Ion Ratio Lower Upper
43 100
74 21.7 16.8 25.2





#19

Methyl tert-butyl Ether

Concen: 4249.58 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.01 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

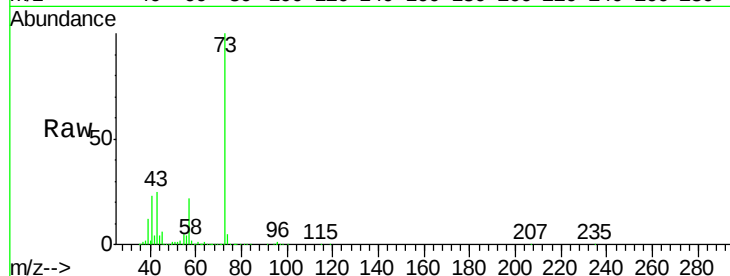
VX0530WBSD01

Tgt Ion: 73 Resp: 217968

Ion Ratio Lower Upper

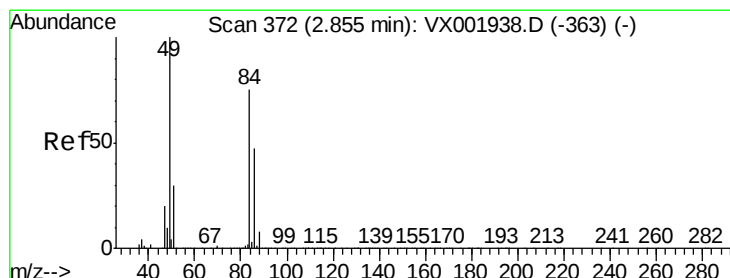
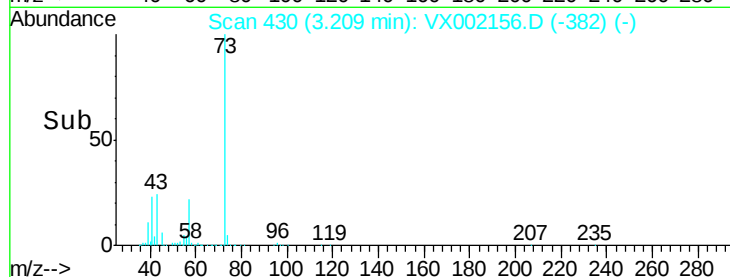
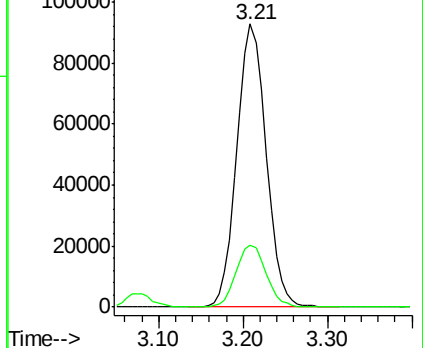
73 100

57 21.8 17.4 26.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 4708.62 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

Tgt Ion: 84 Resp: 63632

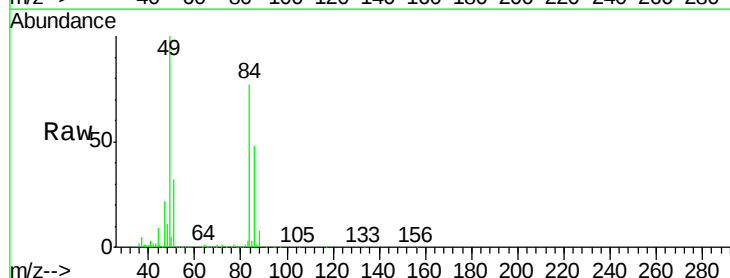
Ion Ratio Lower Upper

84 100

49 130.6 107.2 160.8

51 41.1 32.4 48.6

86 62.8 50.4 75.6

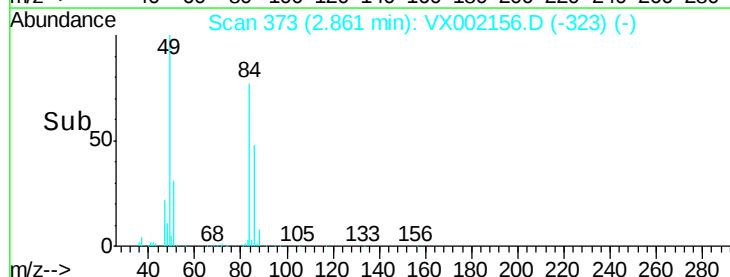
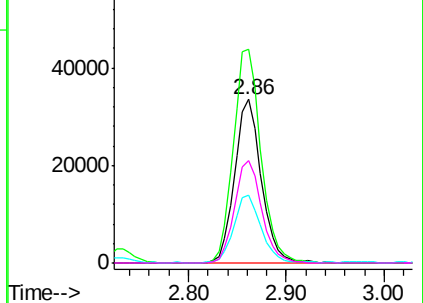


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 4396.90 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD01

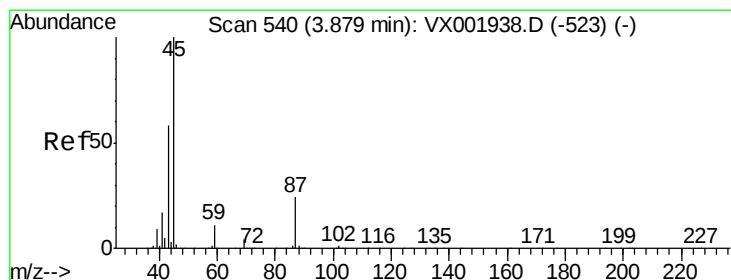
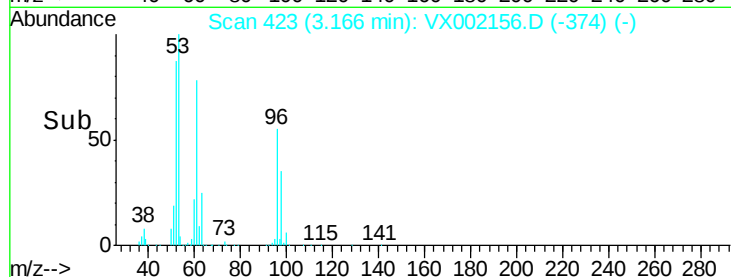
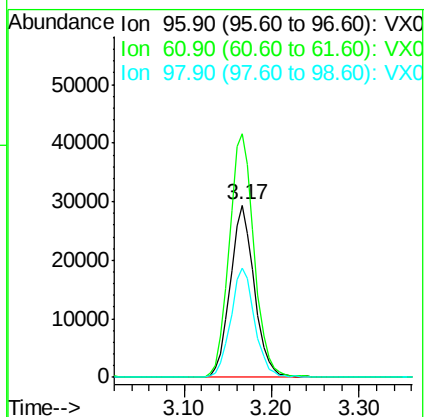
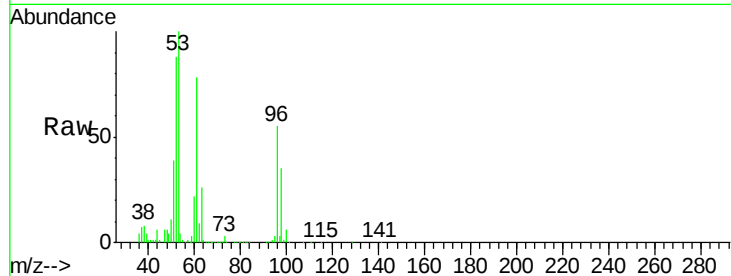
Tgt Ion: 96 Resp: 56553

Ion Ratio Lower Upper

96 100

61 141.0 113.3 169.9

98 63.6 51.7 77.5



#22

Diisopropyl ether

Concen: 3609.78 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

Tgt Ion: 45 Resp: 210187

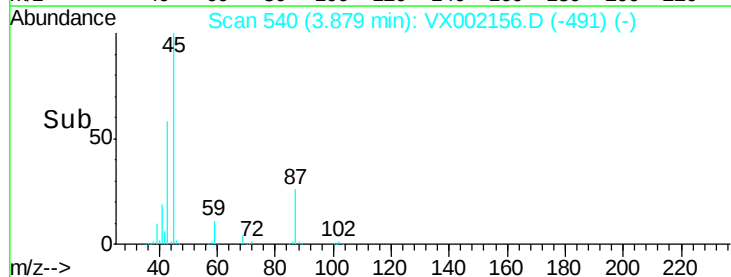
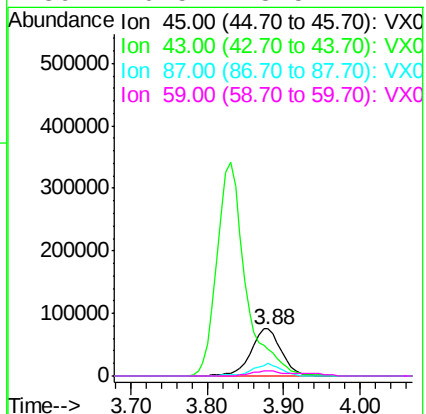
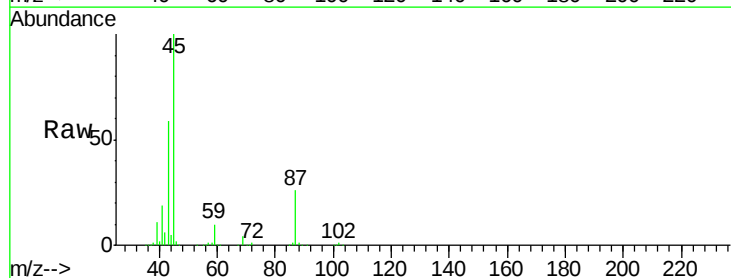
Ion Ratio Lower Upper

45 100

43 58.1 47.0 70.6

87 26.1 19.4 29.0

59 10.5 8.5 12.7

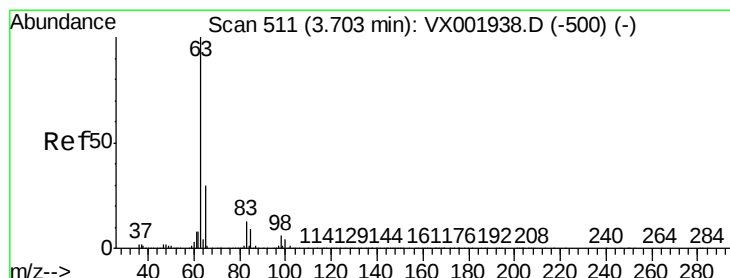
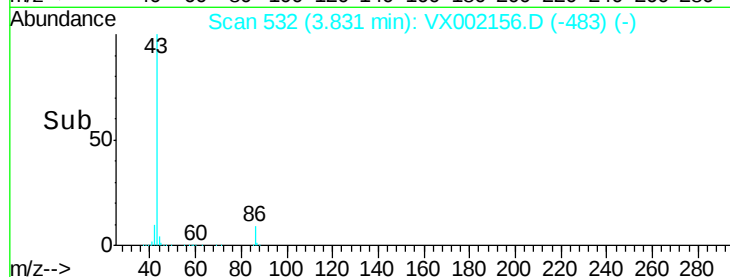
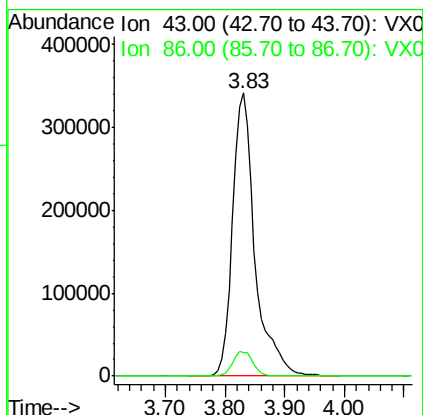
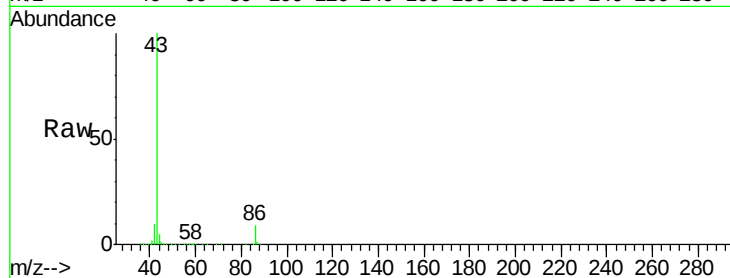




#23
 Vinyl Acetate
 Concen: 18423.17 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VX002156.D
 Acq: 30 May 2018 23:57

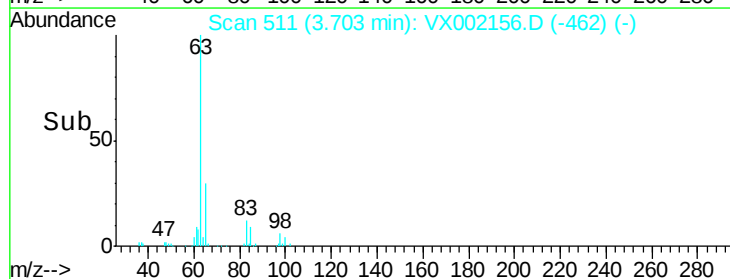
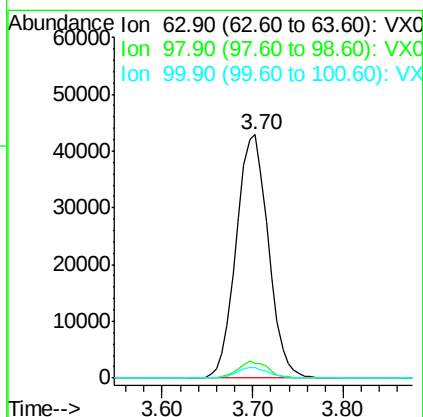
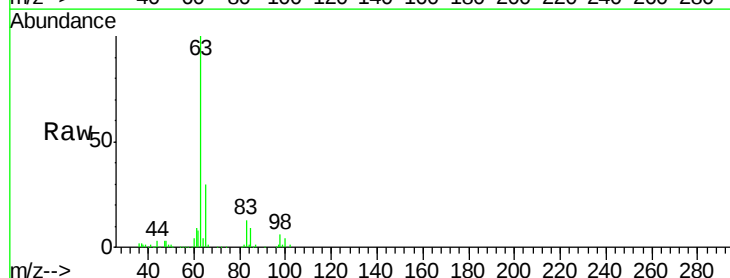
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBSD01

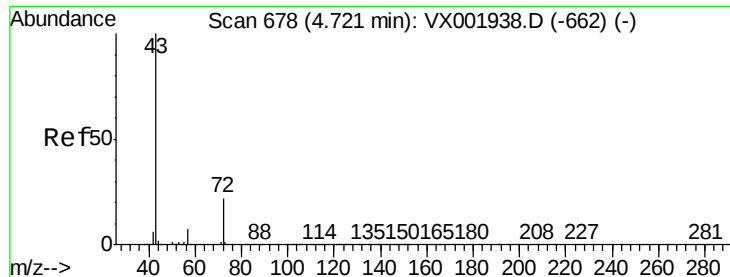
Tgt Ion: 43 Resp: 889411
 Ion Ratio Lower Upper
 43 100
 86 8.5 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 3812.35 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: VX002156.D
 Acq: 30 May 2018 23:57

Tgt Ion: 63 Resp: 105447
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.3 9.8
 100 4.2 2.1 6.5





#25

2-Butanone

Concen: 17229.90 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

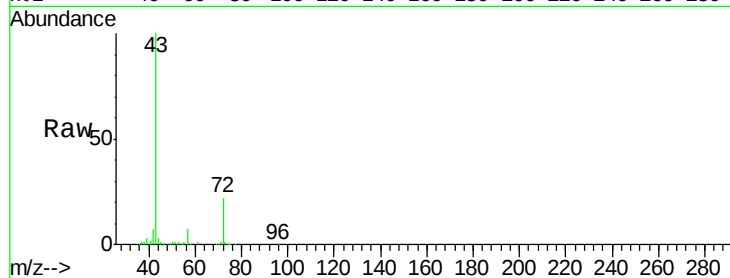
VX0530WBSD01

Tgt Ion: 43 Resp: 254885

Ion Ratio Lower Upper

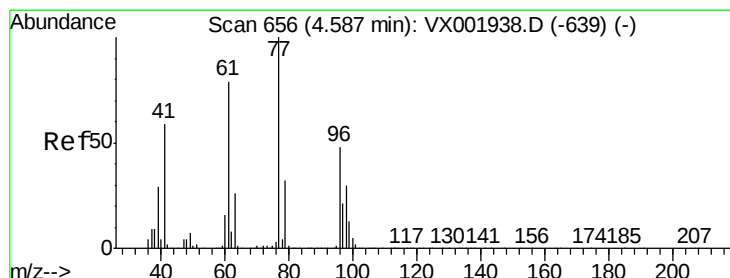
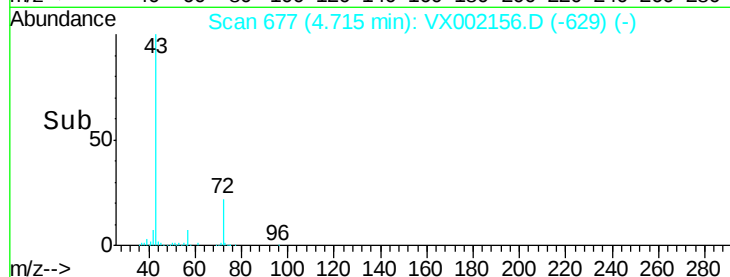
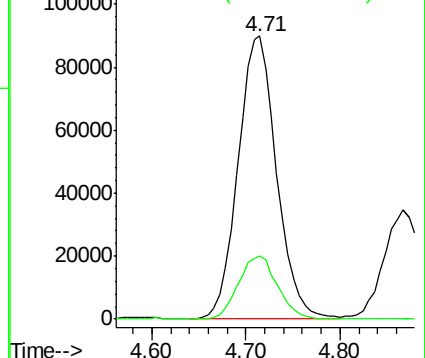
43 100

72 22.3 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 2664.38 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002156.D

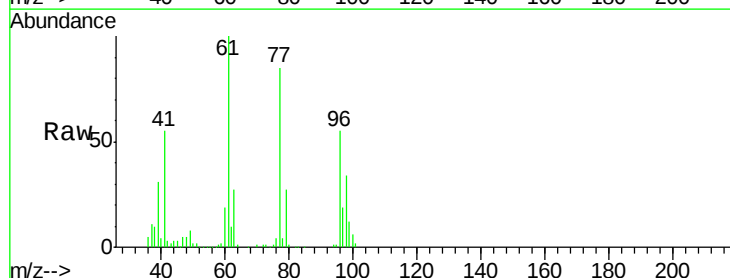
Acq: 30 May 2018 23:57

Tgt Ion: 77 Resp: 74592

Ion Ratio Lower Upper

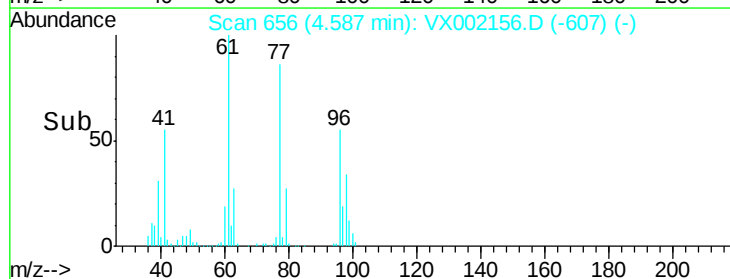
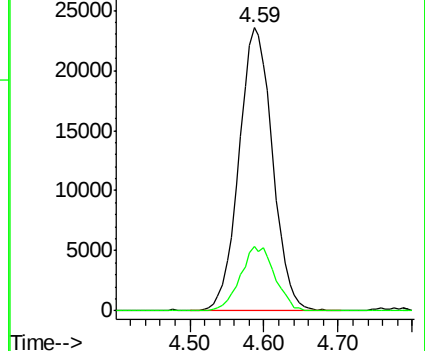
77 100

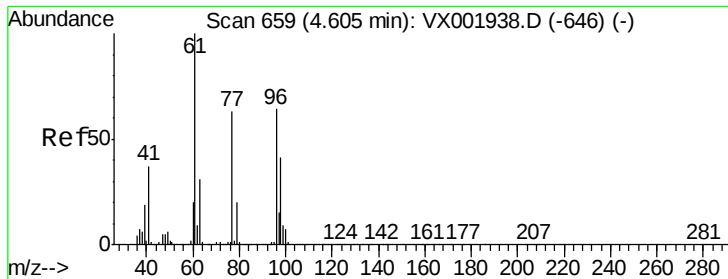
97 23.3 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



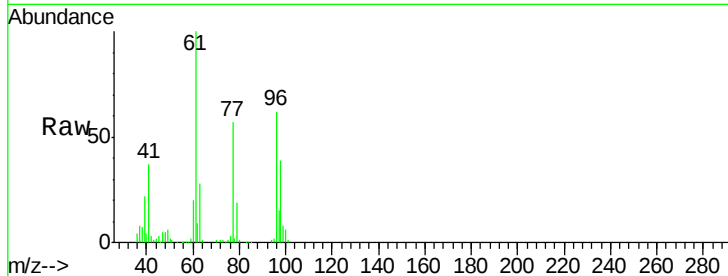


#27

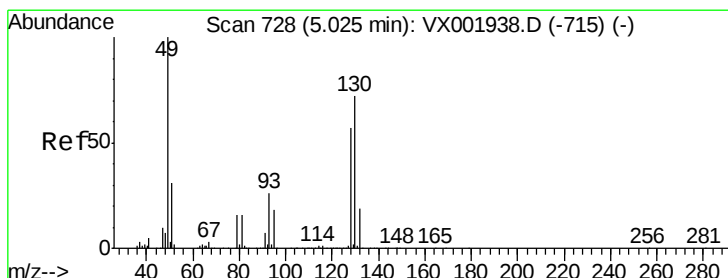
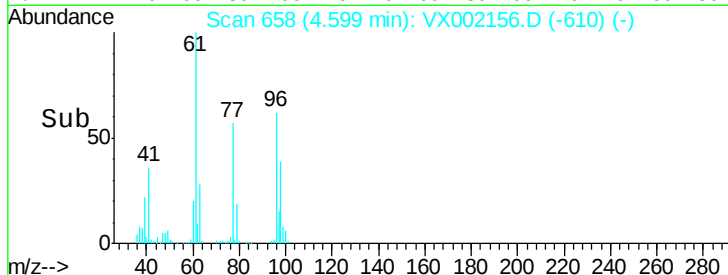
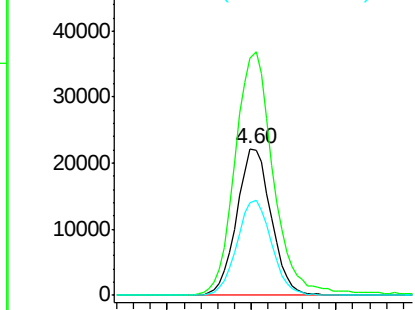
cis-1,2-Dichloroethene
 Concen: 3438.69 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: VX002156.D
 Acq: 30 May 2018 23:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBSD01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	186.8	0.0	348.4
98	65.3	0.0	128.6



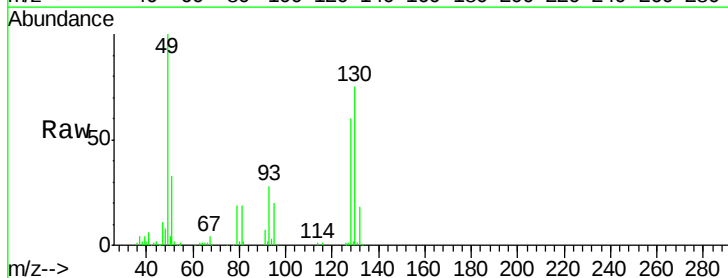
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



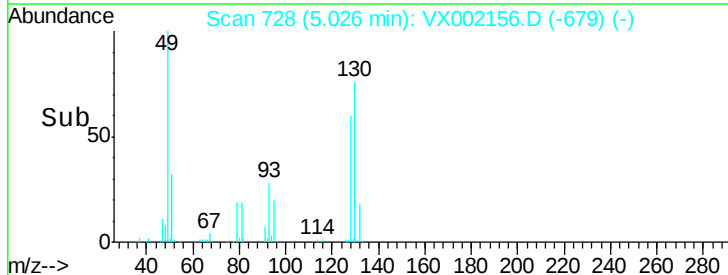
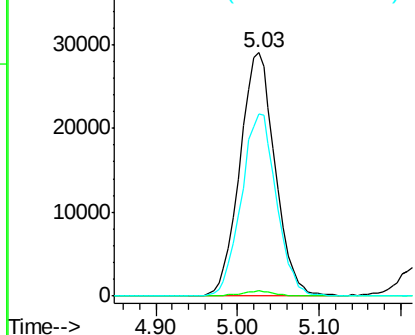
#28

Bromochloromethane
 Concen: 7810.98 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX002156.D
 Acq: 30 May 2018 23:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	74.7	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: 17232.87 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.01 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

Instrument :

MSVOA_X

ClientSampled :

VX0530WBSD01

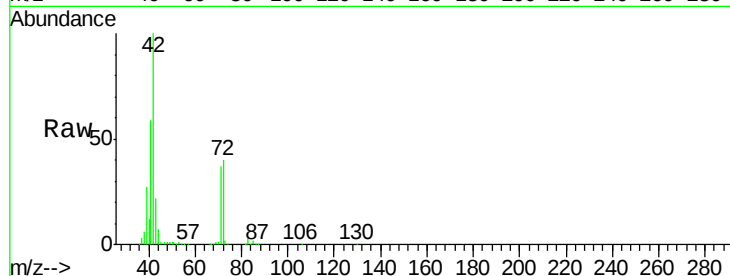
Tgt Ion: 42 Resp: 165861

Ion Ratio Lower Upper

42 100

72 39.1 31.4 47.0

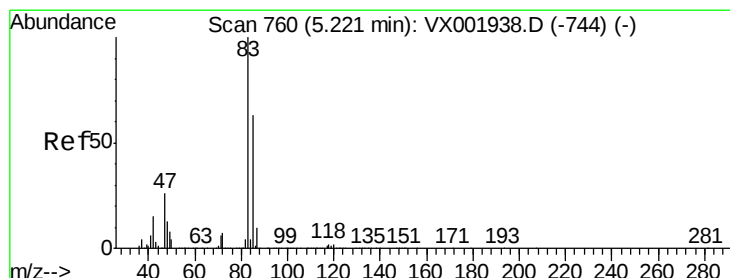
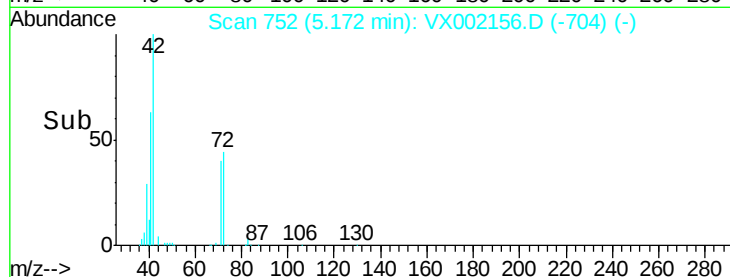
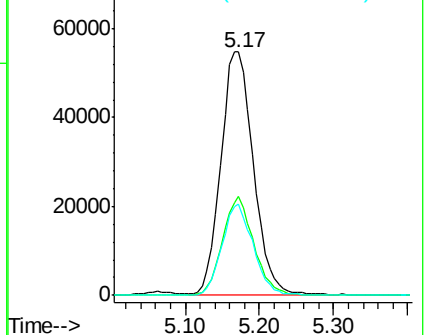
71 36.0 29.5 44.3



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: 3634.46 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX002156.D

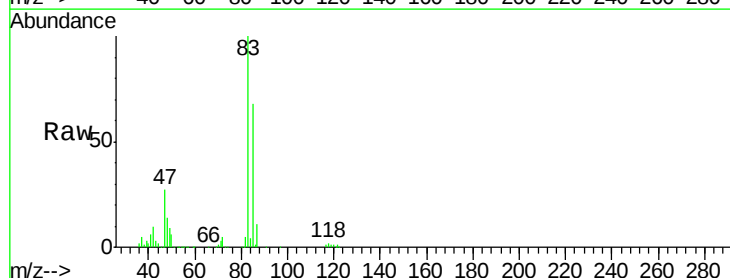
Acq: 30 May 2018 23:57

Tgt Ion: 83 Resp: 113256

Ion Ratio Lower Upper

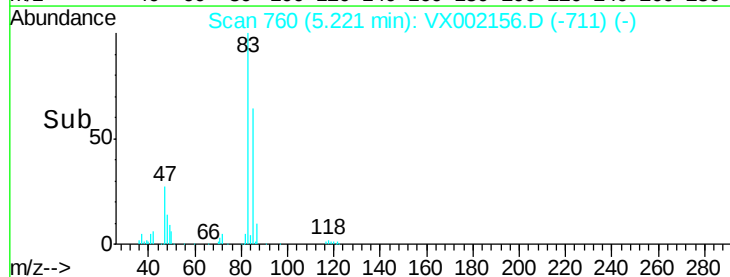
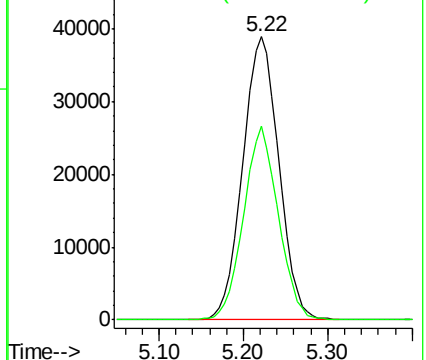
83 100

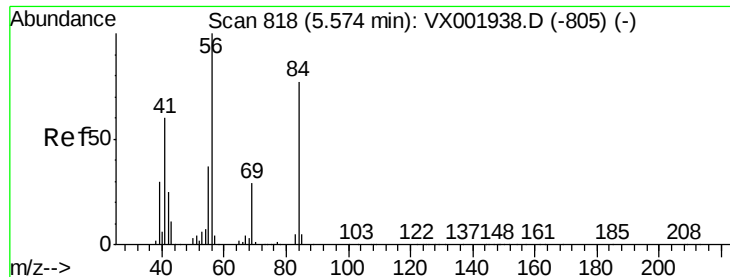
85 68.3 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 3080.24 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD01

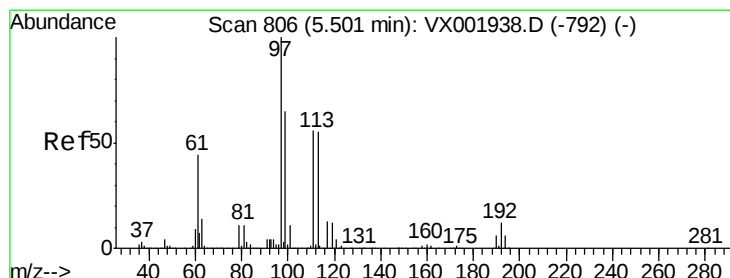
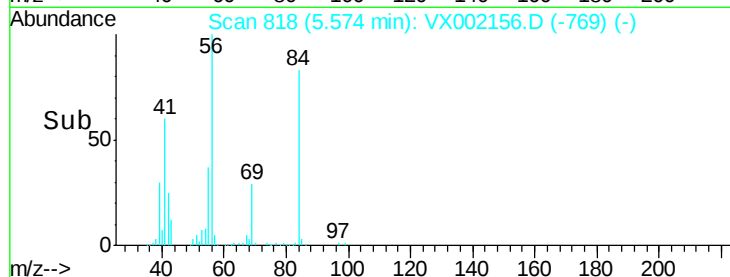
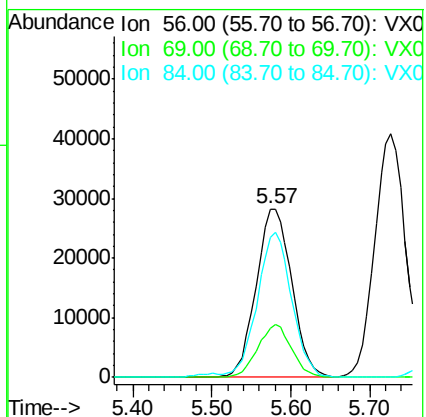
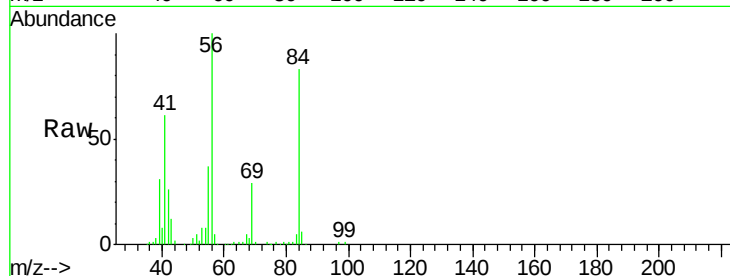
Tgt Ion: 56 Resp: 88764

Ion Ratio Lower Upper

56 100

69 28.8 23.1 34.7

84 82.5 62.0 93.0



#32

1,1,1-Trichloroethane

Concen: 3178.31 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

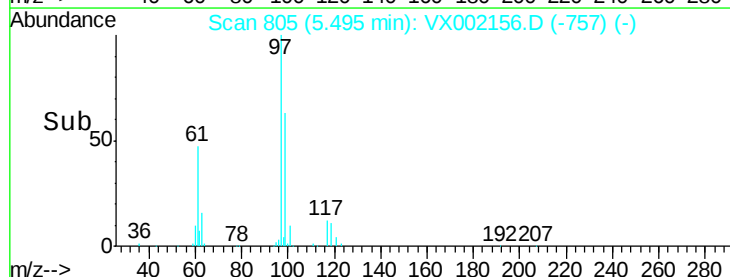
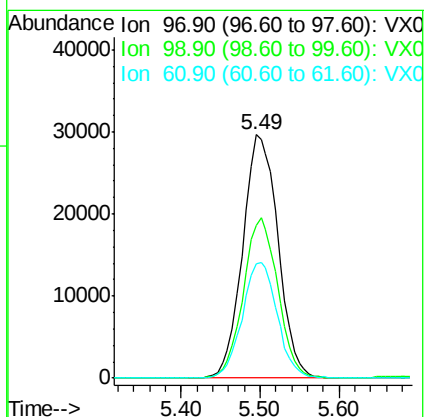
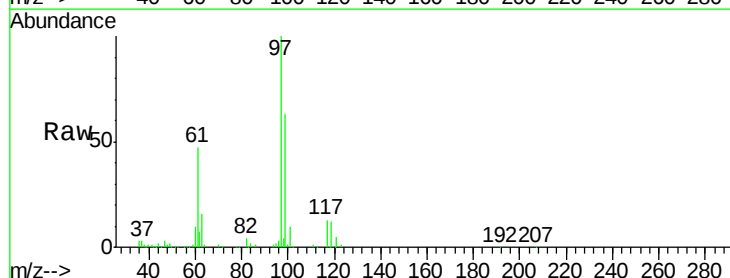
Tgt Ion: 97 Resp: 92334

Ion Ratio Lower Upper

97 100

99 64.2 51.9 77.9

61 47.1 35.9 53.9

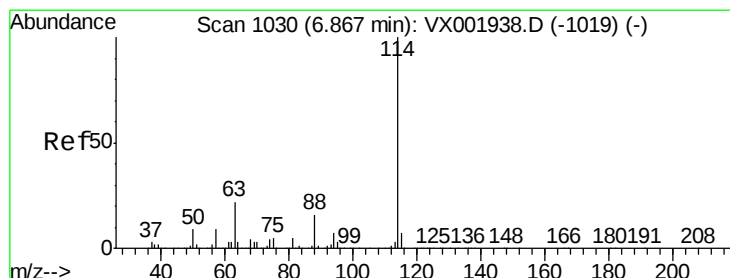
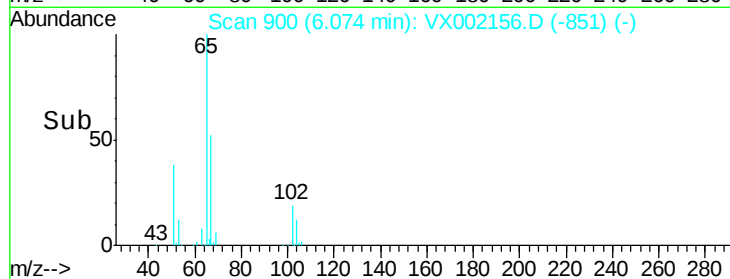
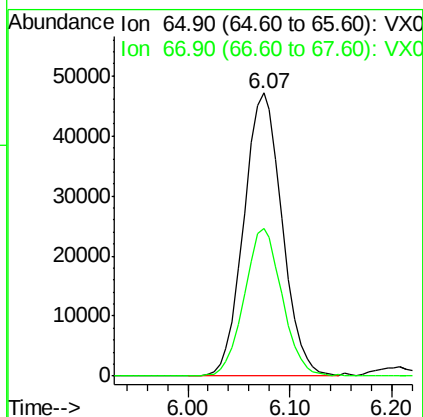
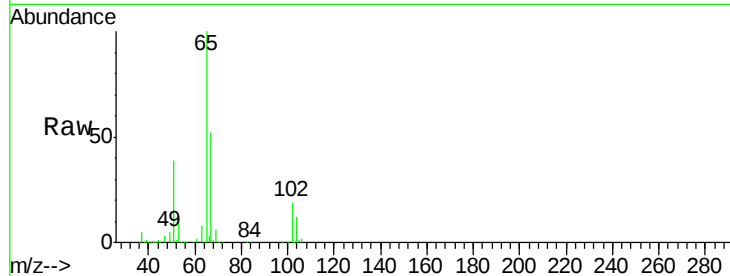




#33
 1,2-Dichloroethane-d4
 Concen: 5890.76 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002156.D
 Acq: 30 May 2018 23:57

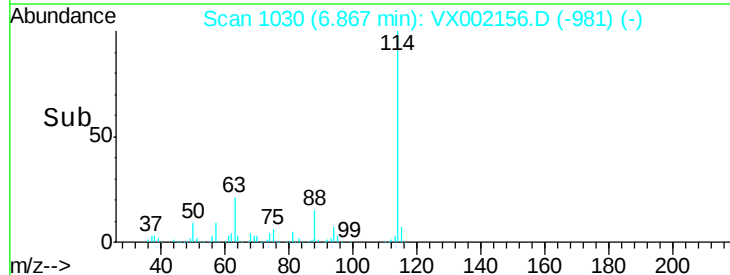
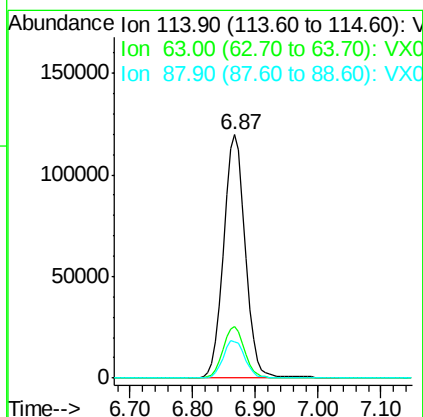
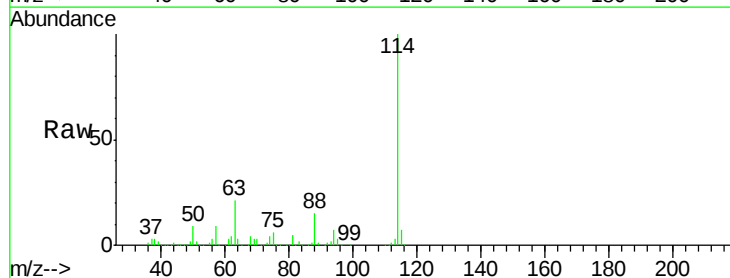
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBSD01

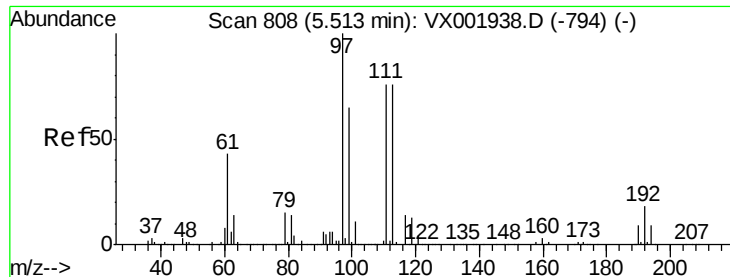
Tgt Ion: 65 Resp: 123198
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002156.D
 Acq: 30 May 2018 23:57

Tgt Ion: 114 Resp: 286705
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.2
 88 14.8 0.0 31.6





#35

Dibromofluoromethane

Concen: 0.18 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD01

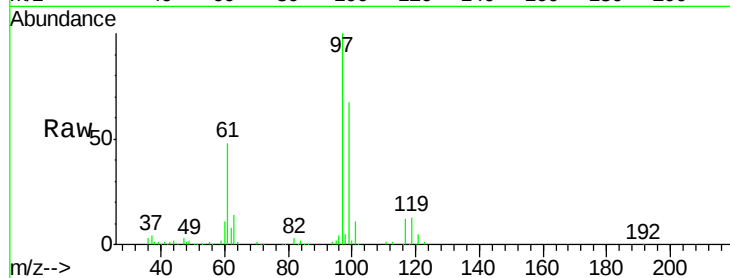
Tgt Ion:113 Resp: 505

Ion Ratio Lower Upper

113 100

111 106.1 82.0 123.0

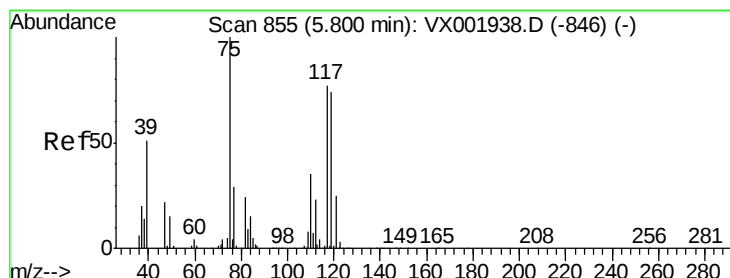
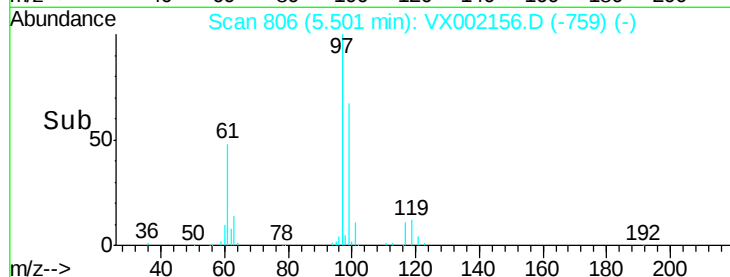
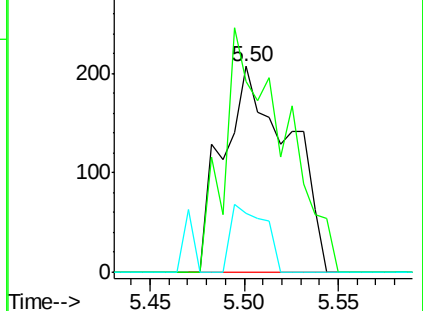
192 16.8 18.9 28.3#



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: 18.19 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.01 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

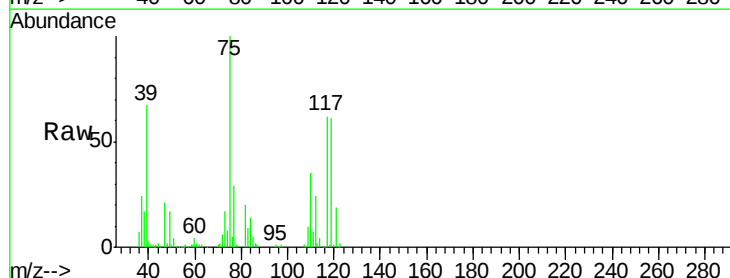
Tgt Ion: 75 Resp: 72534

Ion Ratio Lower Upper

75 100

110 36.2 17.4 52.2

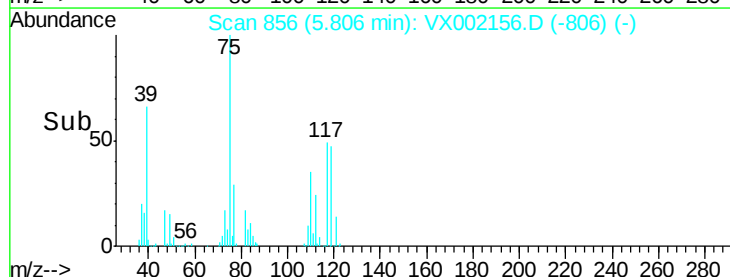
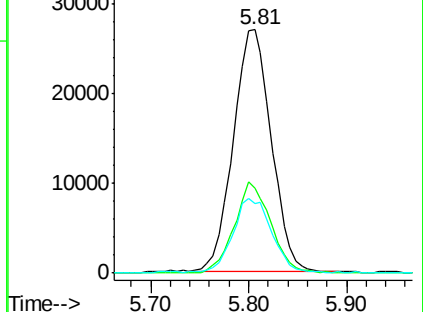
77 31.6 24.4 36.6

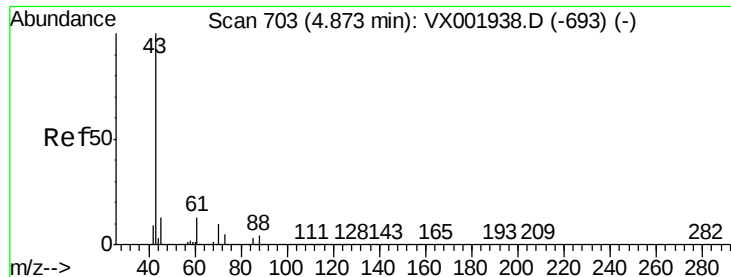


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

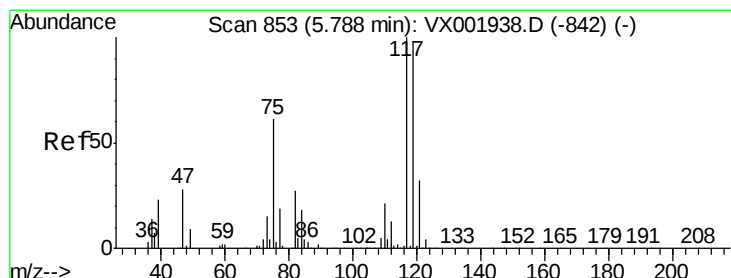
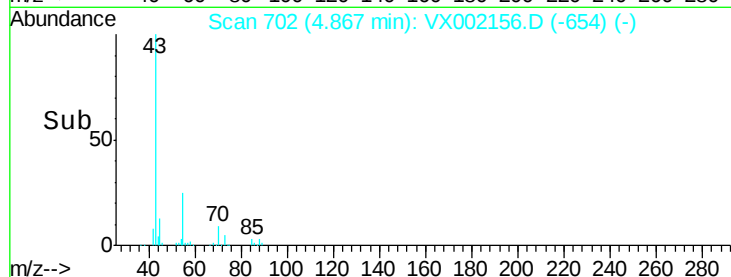
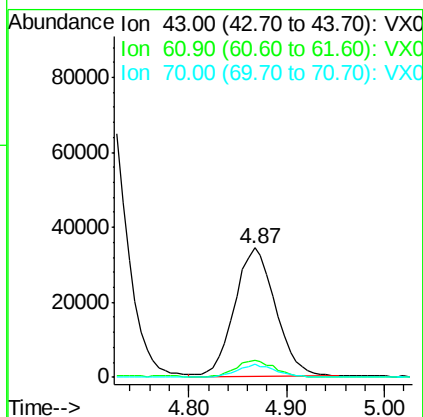
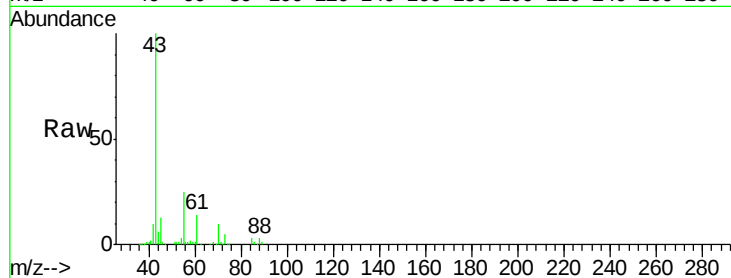




#37
Ethyl Acetate
Concen: 19.08 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX002156.D
Acq: 30 May 2018 23:57

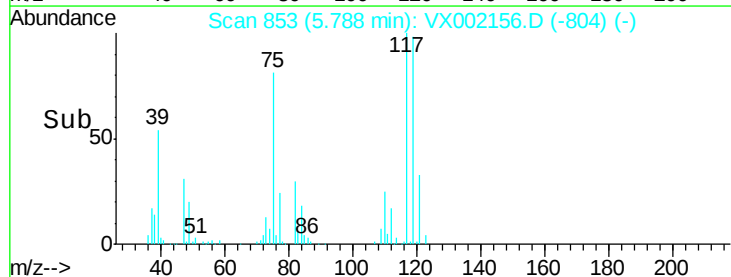
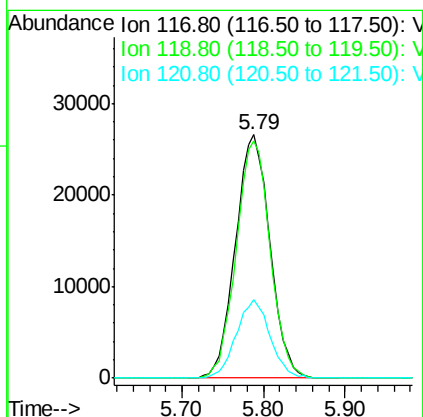
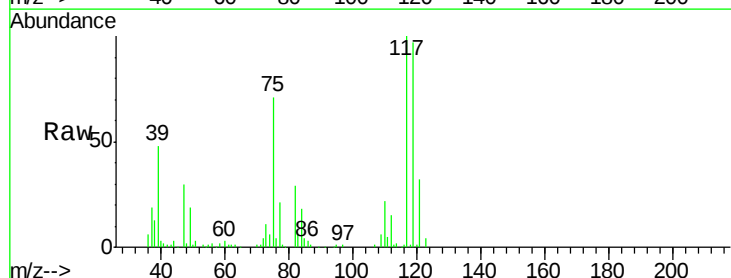
Instrument :
MSVOA_X
ClientSampleId :
VX0530WBSD01

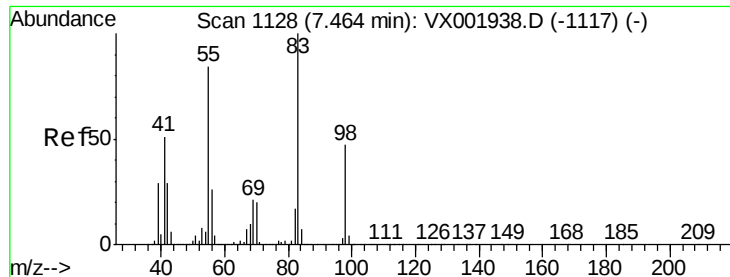
Tgt Ion: 43 Resp: 99181
Ion Ratio Lower Upper
43 100
61 12.9 10.2 15.2
70 9.7 7.8 11.8



#38
Carbon Tetrachloride
Concen: 16.72 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX002156.D
Acq: 30 May 2018 23:57

Tgt Ion: 117 Resp: 77772
Ion Ratio Lower Upper
117 100
119 97.3 78.5 117.7
121 32.3 25.5 38.3

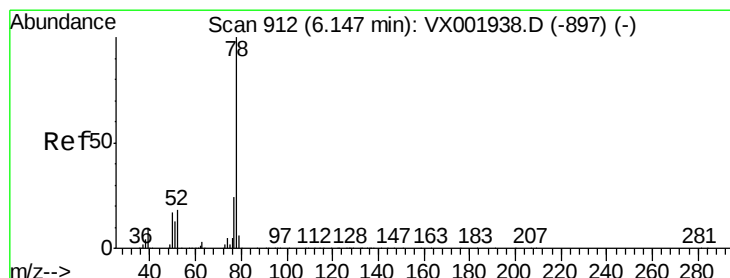
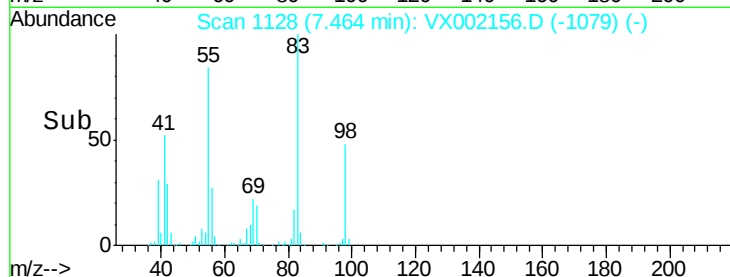
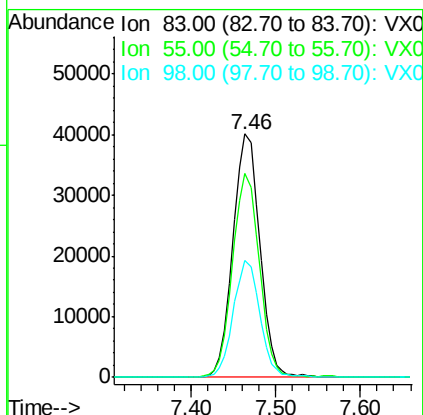
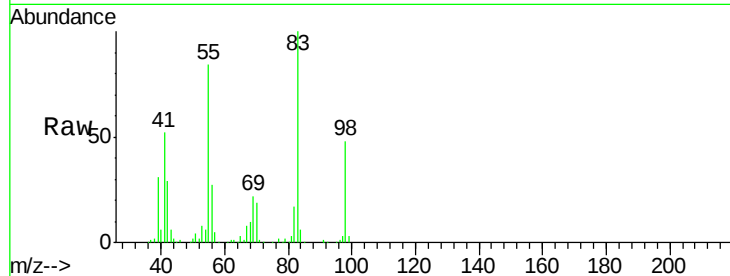




#39
Methylcyclohexane
Concen: 17.68 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002156.D
Acq: 30 May 2018 23:57

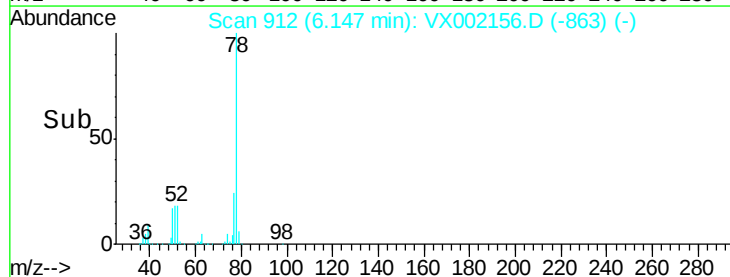
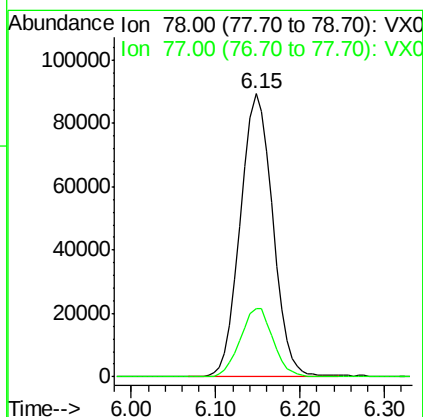
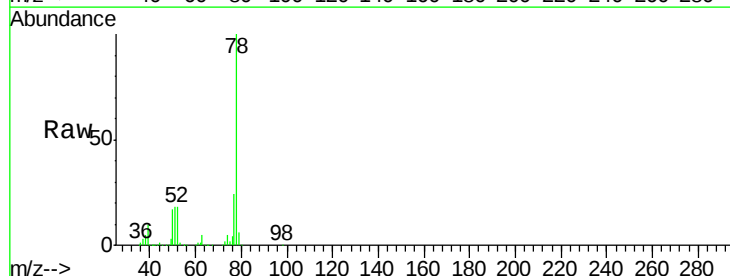
Instrument :
MSVOA_X
ClientSampleId :
VX0530WBSD01

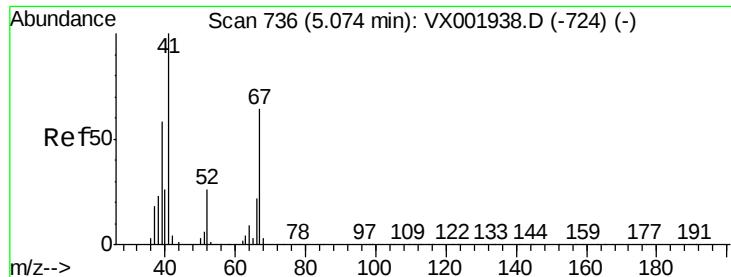
Tgt Ion: 83 Resp: 86622
Ion Ratio Lower Upper
83 100
55 83.7 67.3 100.9
98 48.1 37.5 56.3



#40
Benzene
Concen: 19.97 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002156.D
Acq: 30 May 2018 23:57

Tgt Ion: 78 Resp: 233375
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7

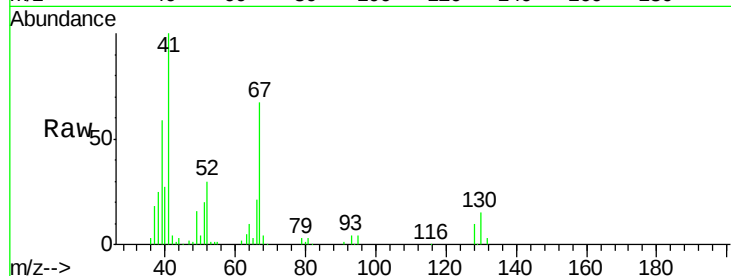




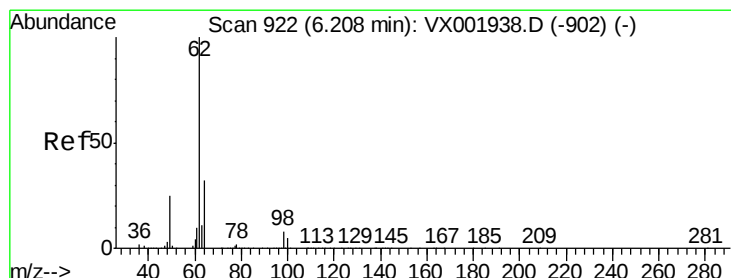
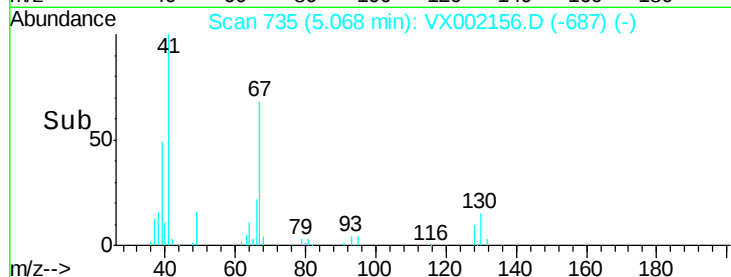
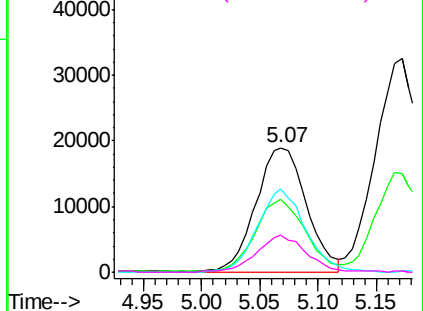
#41
Methacrylonitrile
Concen: 19.82 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX002156.D
Acq: 30 May 2018 23:57

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBSD01

Tgt Ion:	41	Resp:	56636
Ion	Ratio	Lower	Upper
41	100		
39	57.2	46.0	69.0
67	64.0	50.6	75.8
52	30.6	21.9	32.9

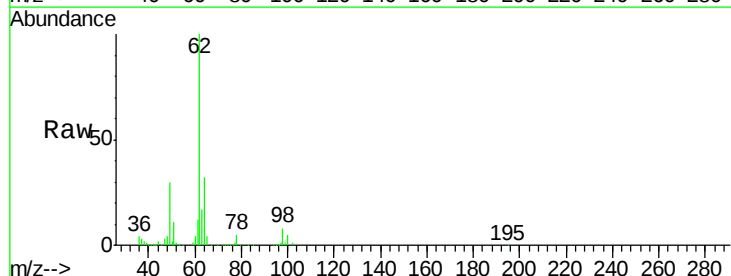


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

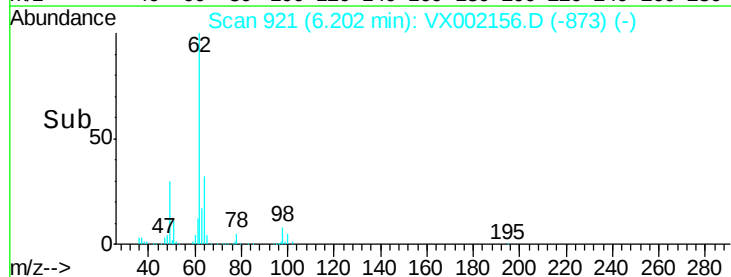
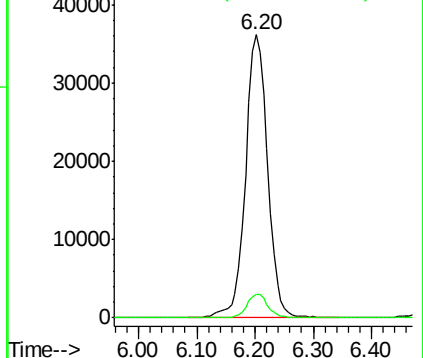


#42
1,2-Dichloroethane
Concen: 20.36 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX002156.D
Acq: 30 May 2018 23:57

Tgt Ion:	62	Resp:	94999
Ion	Ratio	Lower	Upper
62	100		
98	8.0	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: 19.14 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD01

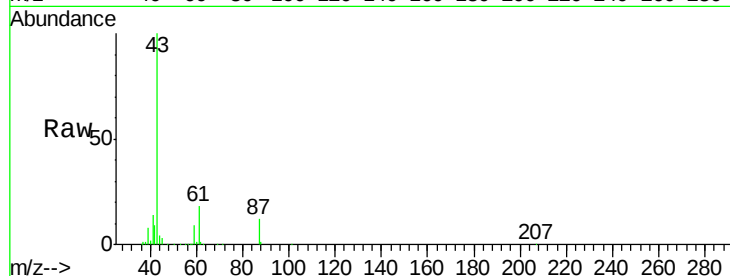
Tgt Ion: 43 Resp: 165771

Ion Ratio Lower Upper

43 100

61 18.0 14.5 21.7

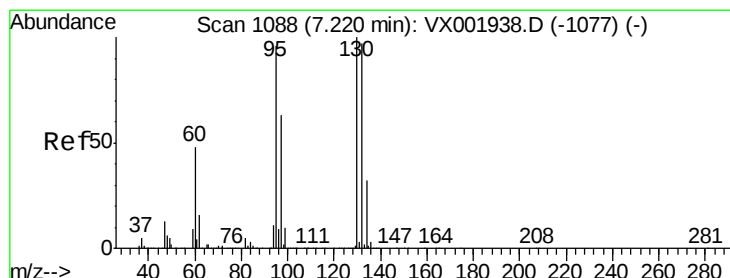
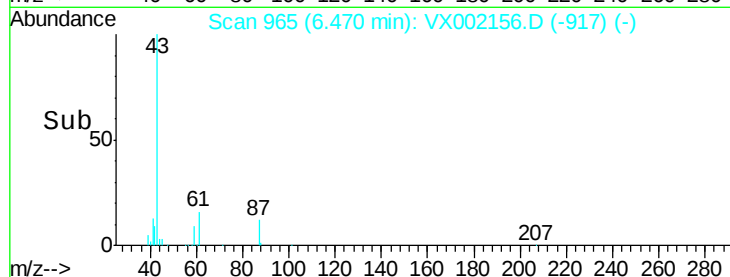
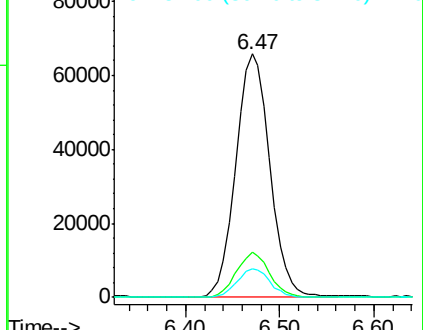
87 11.5 9.5 14.3



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: 19.36 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX002156.D

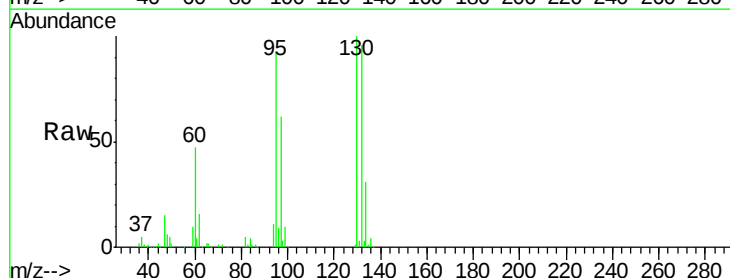
Acq: 30 May 2018 23:57

Tgt Ion: 130 Resp: 65924

Ion Ratio Lower Upper

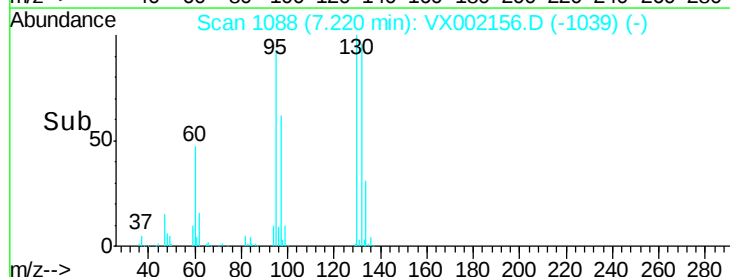
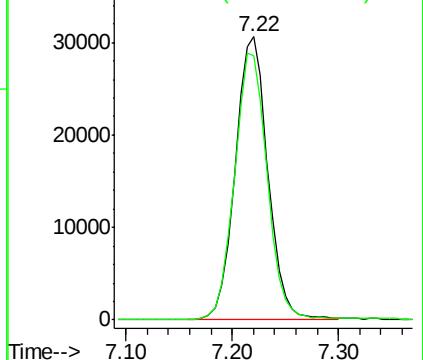
130 100

95 93.1 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: 20.38 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

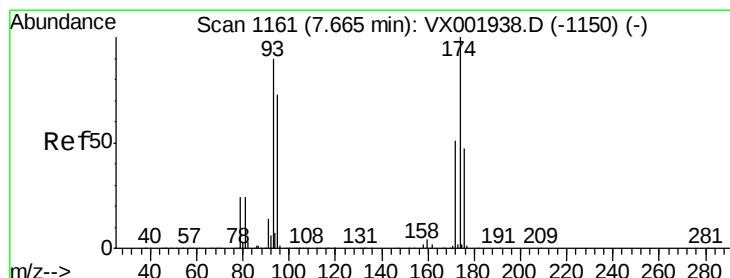
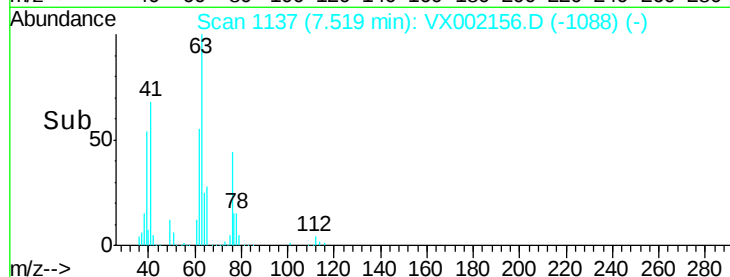
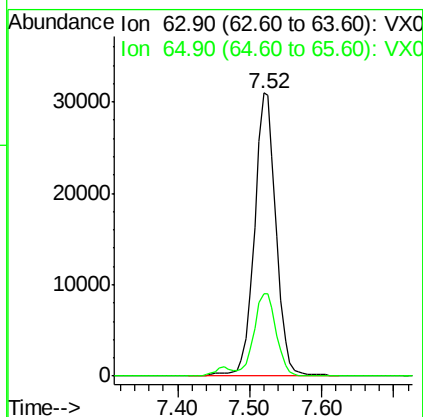
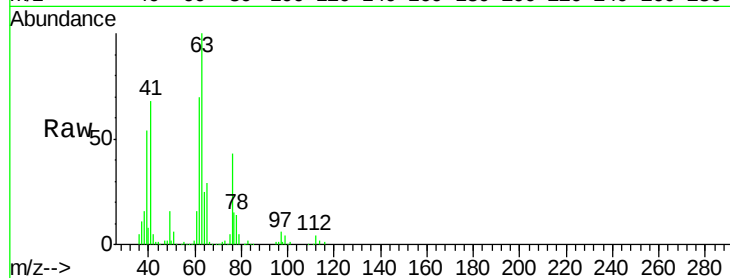
VX0530WBSD01

Tgt Ion: 63 Resp: 64675

Ion Ratio Lower Upper

63 100

65 29.0 24.1 36.1



#46

Dibromomethane

Concen: 19.85 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

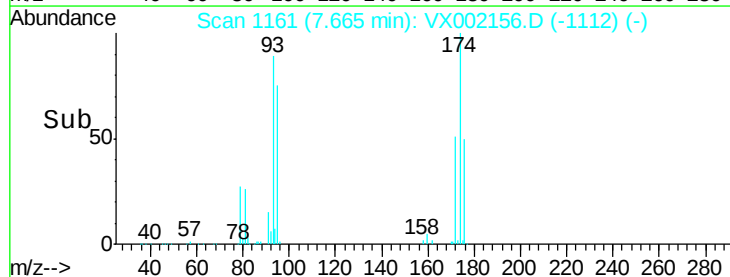
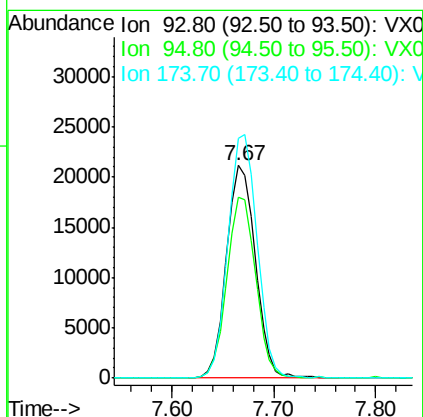
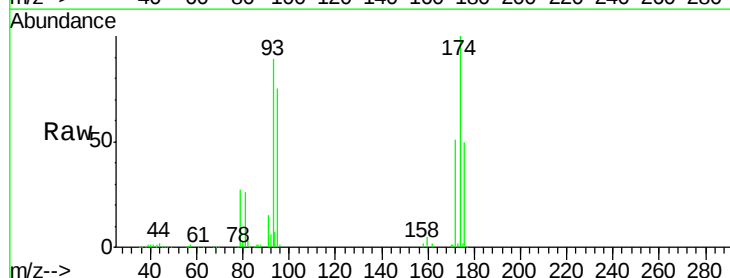
Tgt Ion: 93 Resp: 41700

Ion Ratio Lower Upper

93 100

95 84.8 66.1 99.1

174 114.8 92.5 138.7





#47

Bromodichloromethane

Concen: 17.33 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD01

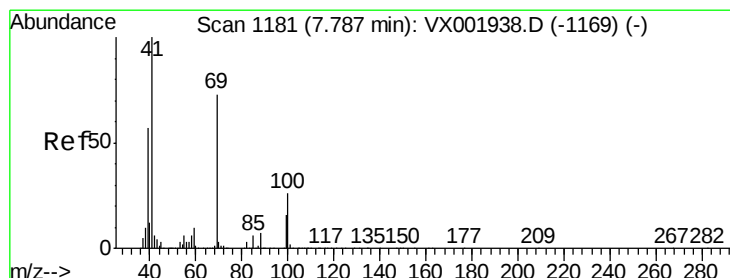
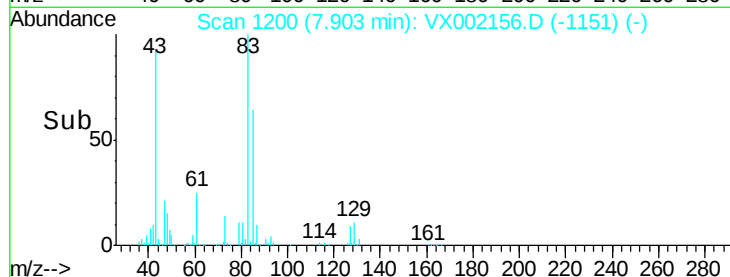
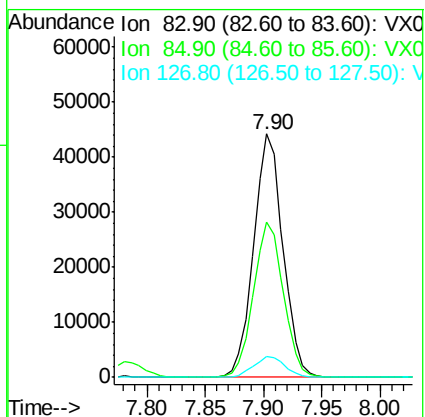
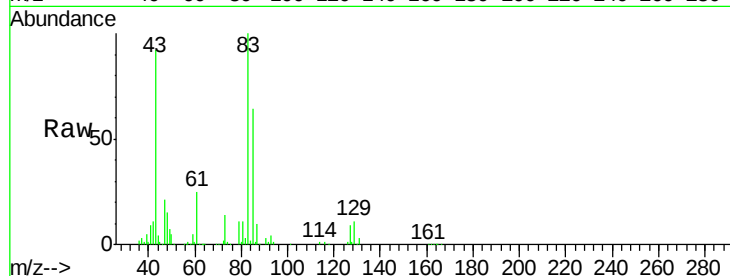
Tgt Ion: 83 Resp: 77604

Ion Ratio Lower Upper

83 100

85 64.0 51.4 77.2

127 8.7 7.1 10.7



#48

Methyl methacrylate

Concen: 19.30 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

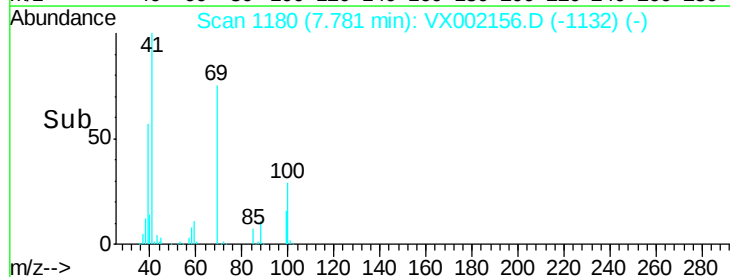
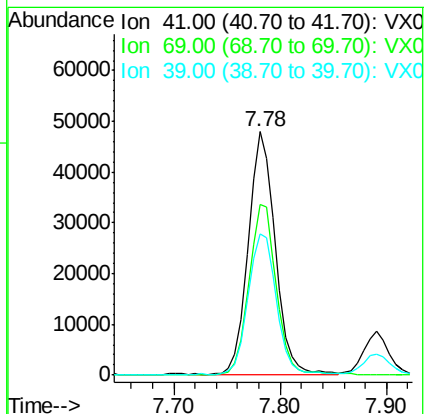
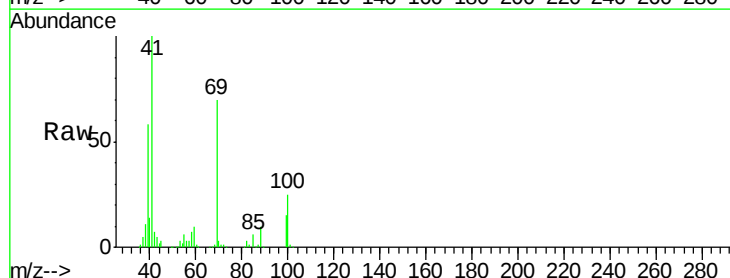
Tgt Ion: 41 Resp: 85083

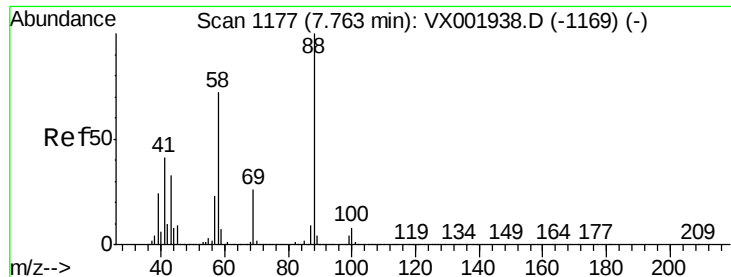
Ion Ratio Lower Upper

41 100

69 71.7 58.6 87.8

39 60.5 46.3 69.5





#49

1,4-Dioxane

Concen: 395.35 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD01

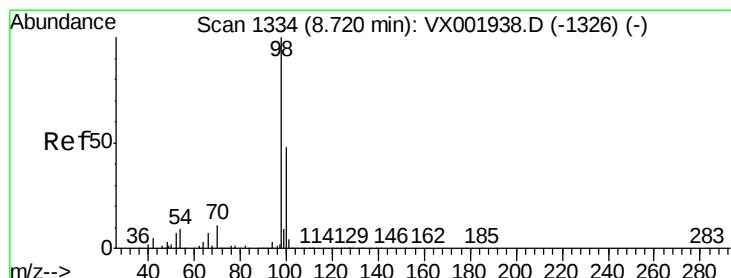
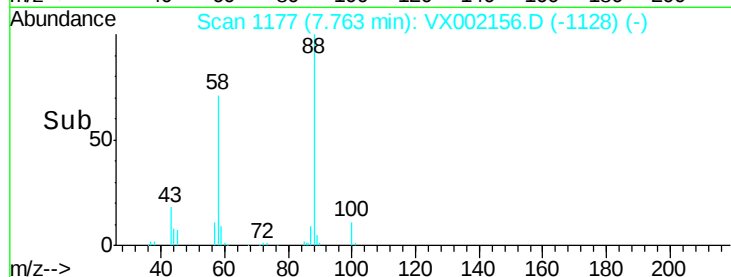
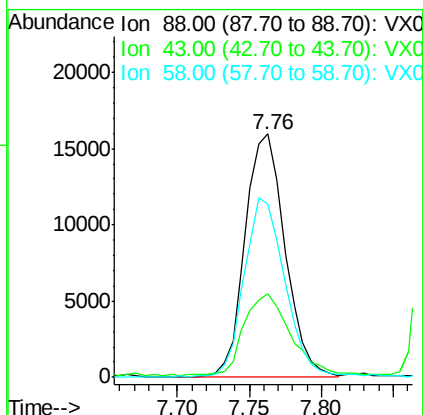
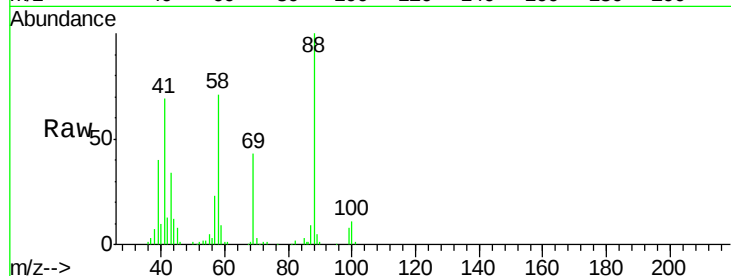
Tgt Ion: 88 Resp: 30717

Ion Ratio Lower Upper

88 100

43 40.0 29.8 44.8

58 76.5 58.7 88.1



#50

Toluene-d8

Concen: 33.95 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002156.D

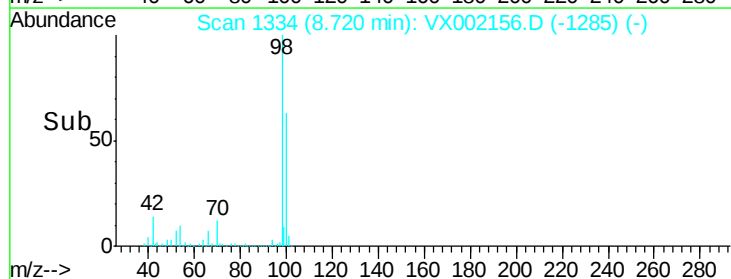
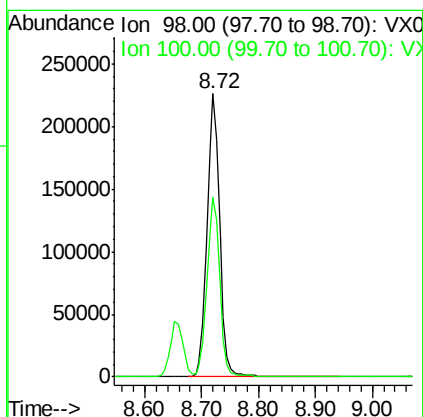
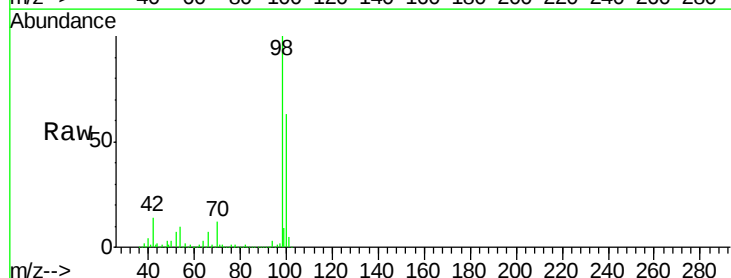
Acq: 30 May 2018 23:57

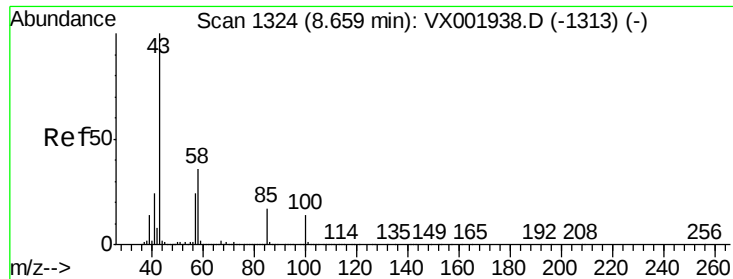
Tgt Ion: 98 Resp: 352375

Ion Ratio Lower Upper

98 100

100 64.1 51.5 77.3

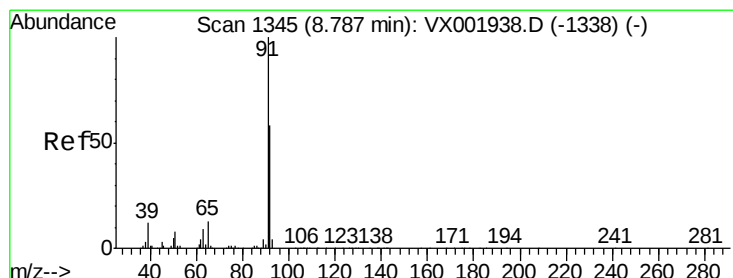
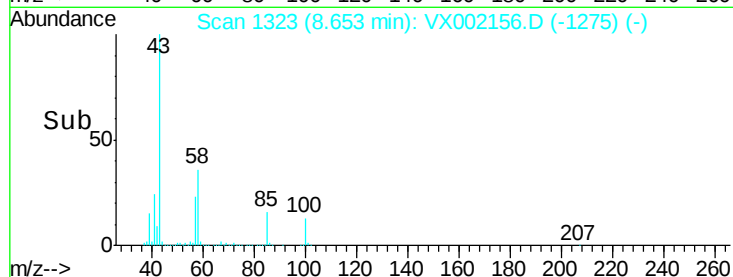
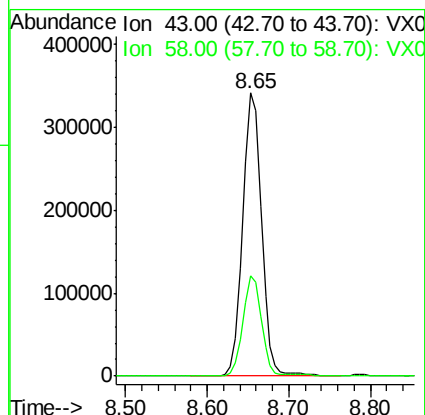
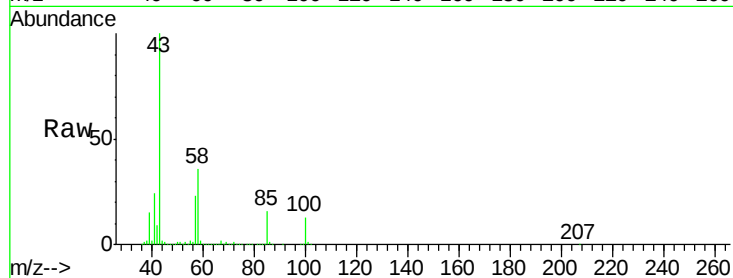




#51
 4-Methyl-2-Pentanone
 Concen: 104.32 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VX002156.D
 Acq: 30 May 2018 23:57

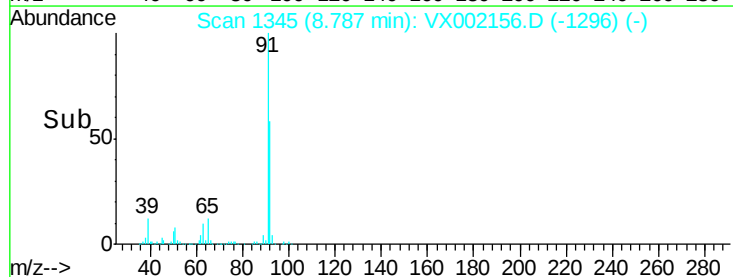
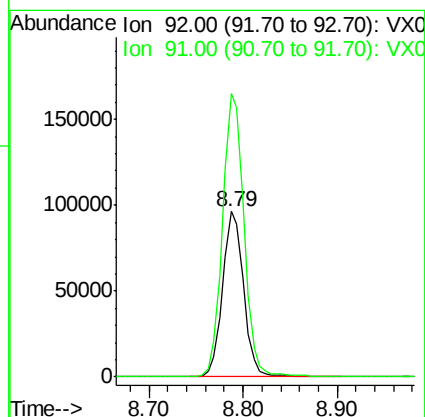
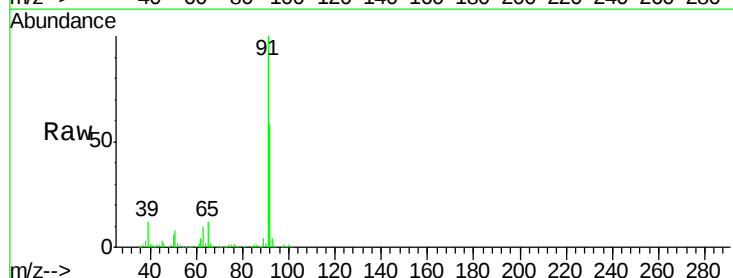
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBSD01

Tgt Ion: 43 Resp: 544789
 Ion Ratio Lower Upper
 43 100
 58 34.5 28.5 42.7



#52
 Toluene
 Concen: 20.17 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VX002156.D
 Acq: 30 May 2018 23:57

Tgt Ion: 92 Resp: 149957
 Ion Ratio Lower Upper
 92 100
 91 174.6 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 17.83 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

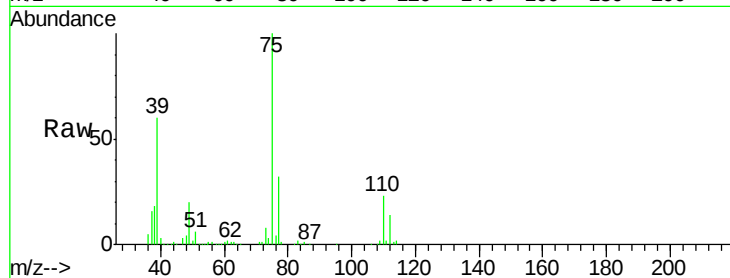
VX0530WBSD01

Tgt Ion: 75 Resp: 91958

Ion Ratio Lower Upper

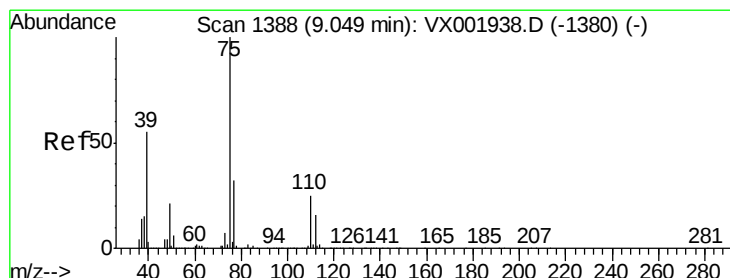
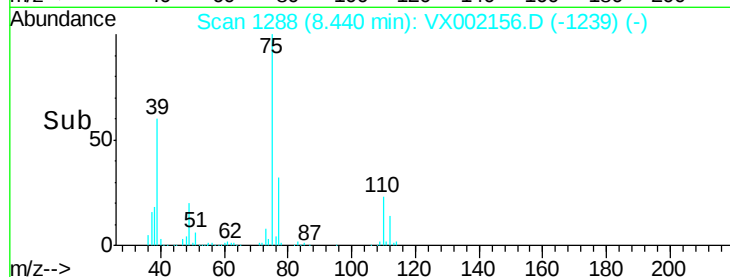
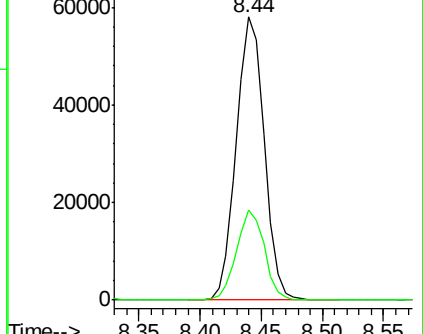
75 100

77 31.6 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 16.90 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

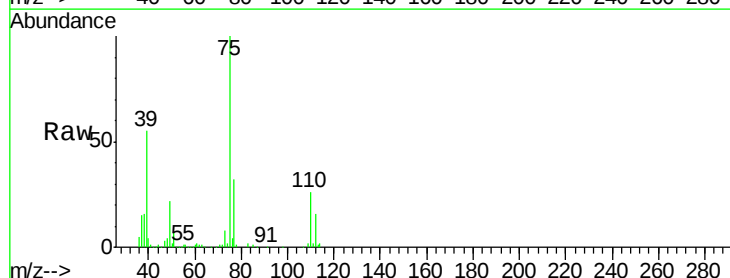
Tgt Ion: 75 Resp: 84974

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0

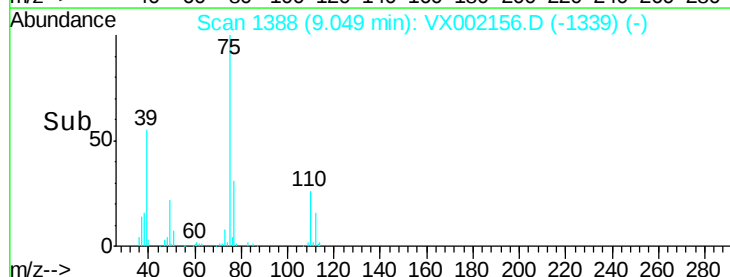
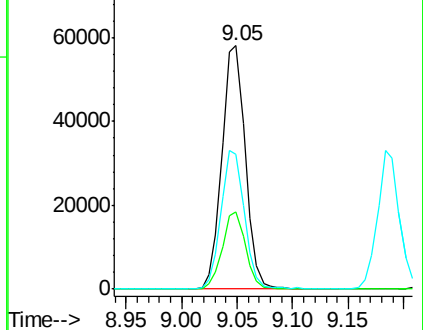
39 55.1 44.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

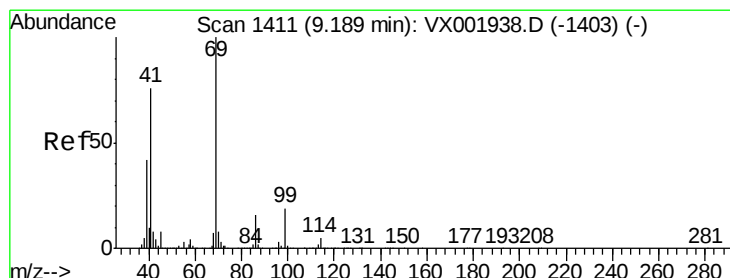
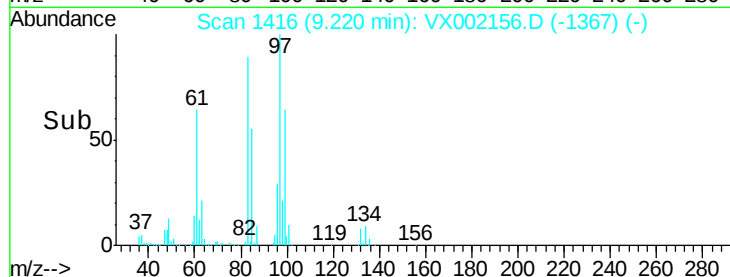
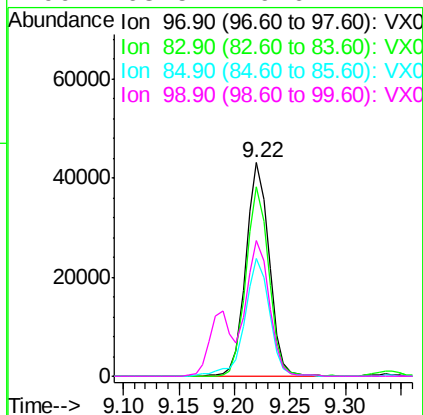
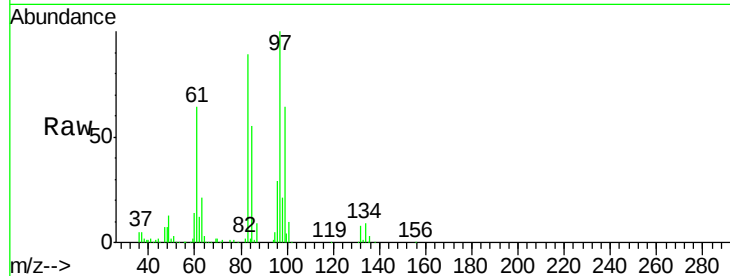




#55
 1,1,2-Trichloroethane
 Concen: 20.20 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002156.D
 Acq: 30 May 2018 23:57

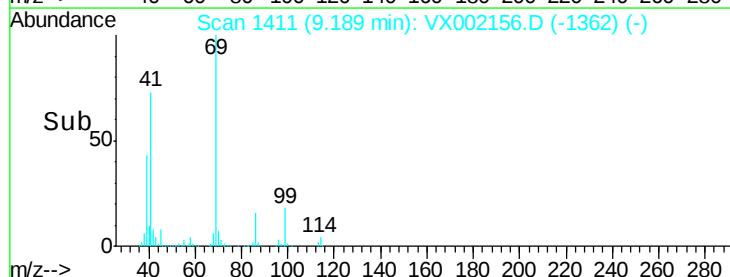
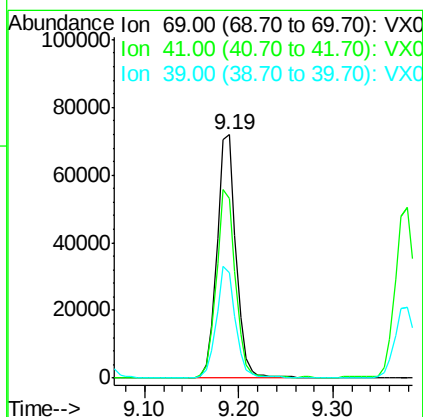
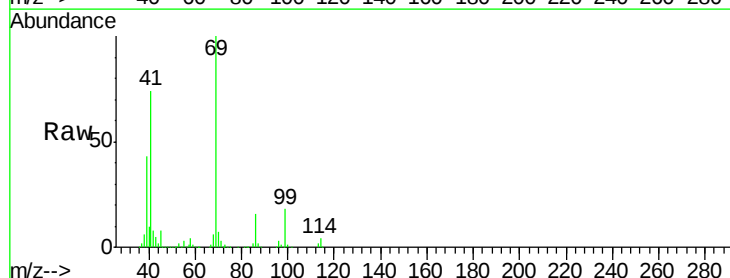
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBSD01

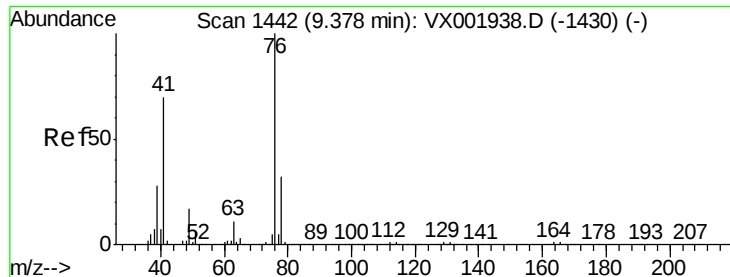
Tgt Ion:	97	Resp:	62732
Ion	Ratio	Lower	Upper
97	100		
83	88.7	69.1	103.7
85	54.9	45.2	67.8
99	63.5	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 18.95 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX002156.D
 Acq: 30 May 2018 23:57

Tgt Ion:	69	Resp:	101258
Ion	Ratio	Lower	Upper
69	100		
41	76.6	61.0	91.6
39	45.3	34.4	51.6





#57

1,3-Dichloropropane

Concen: 20.78 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

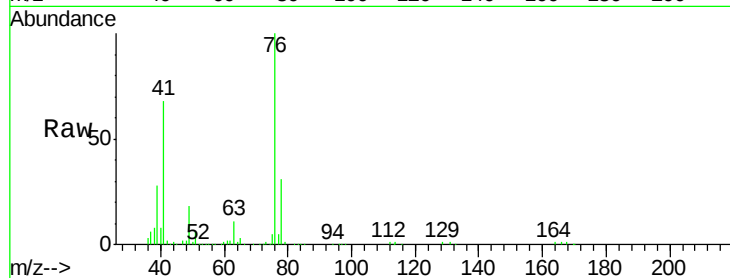
VX0530WBSD01

Tgt Ion: 76 Resp: 106324

Ion Ratio Lower Upper

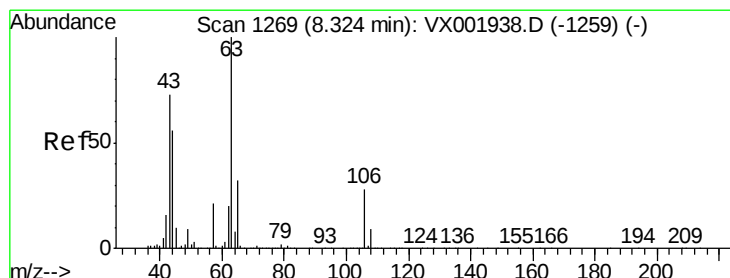
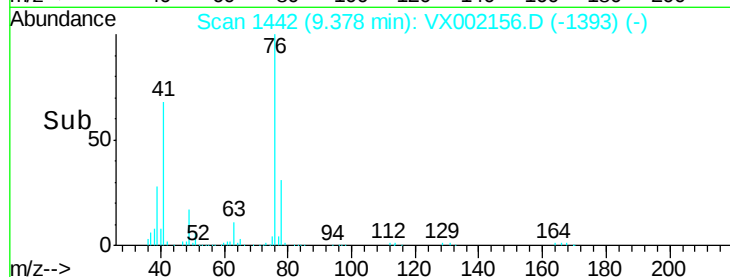
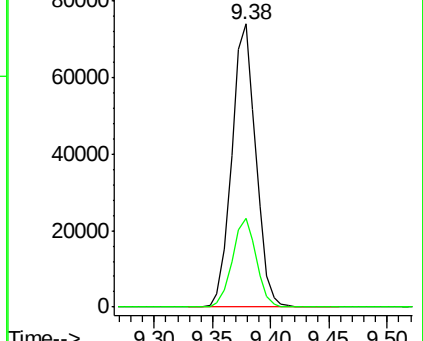
76 100

78 31.3 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 152.36 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX002156.D

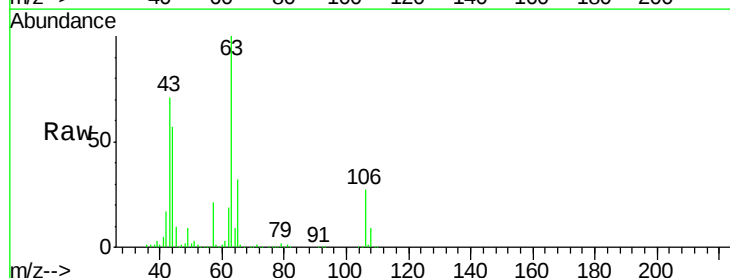
Acq: 30 May 2018 23:57

Tgt Ion: 63 Resp: 360797

Ion Ratio Lower Upper

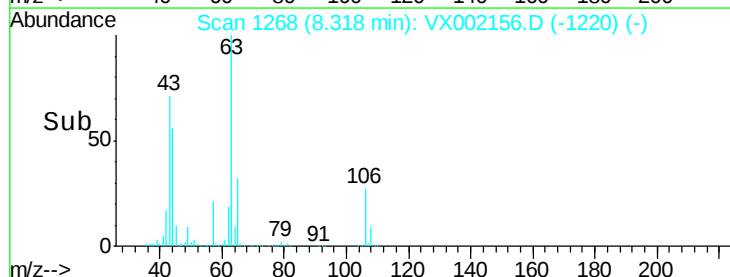
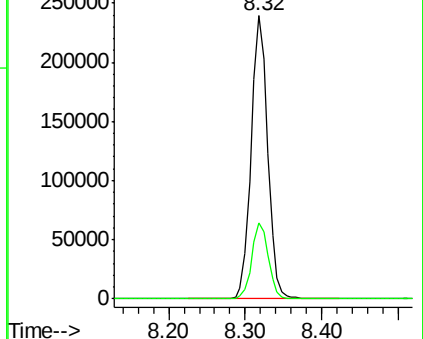
63 100

106 27.1 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

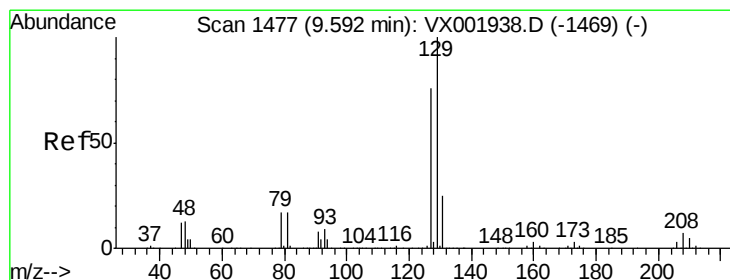
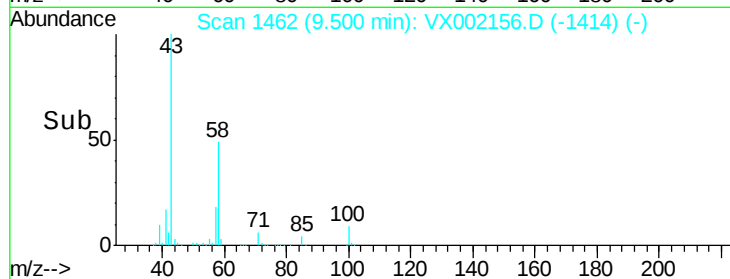
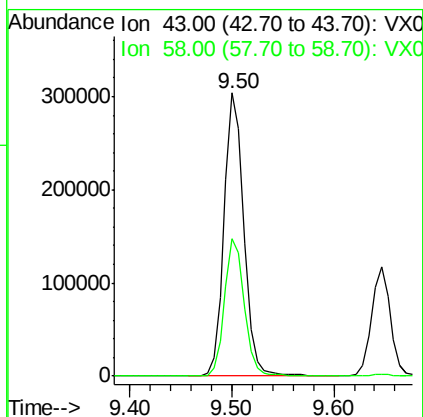
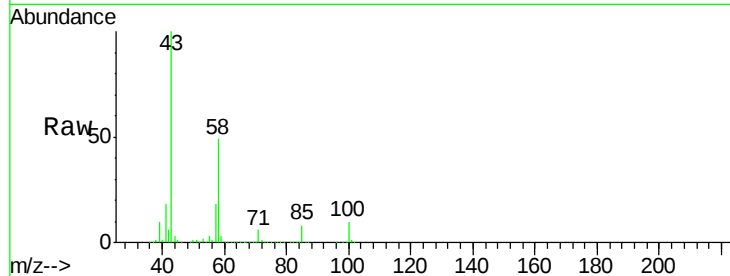




#59
2-Hexanone
Concen: 101.58 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002156.D
Acq: 30 May 2018 23:57

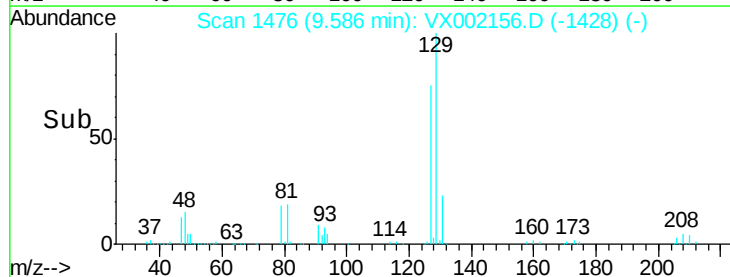
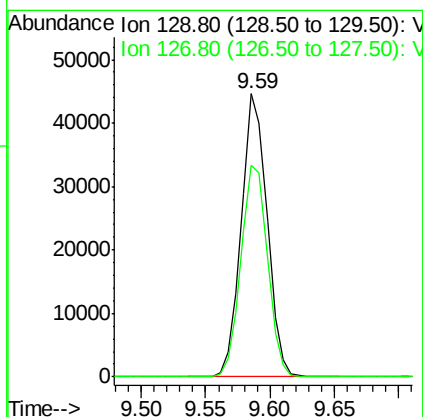
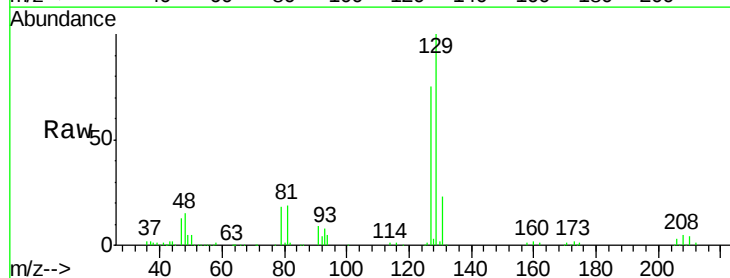
Instrument :
MSVOA_X
ClientSampleId :
VX0530WBSD01

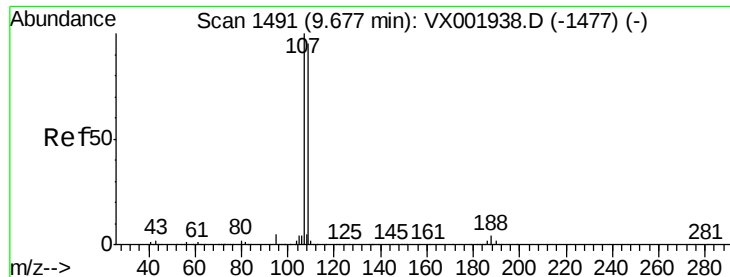
Tgt Ion: 43 Resp: 409036
Ion Ratio Lower Upper
43 100
58 48.8 24.9 74.6



#60
Dibromochloromethane
Concen: 16.81 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX002156.D
Acq: 30 May 2018 23:57

Tgt Ion: 129 Resp: 61851
Ion Ratio Lower Upper
129 100
127 77.1 38.3 114.9

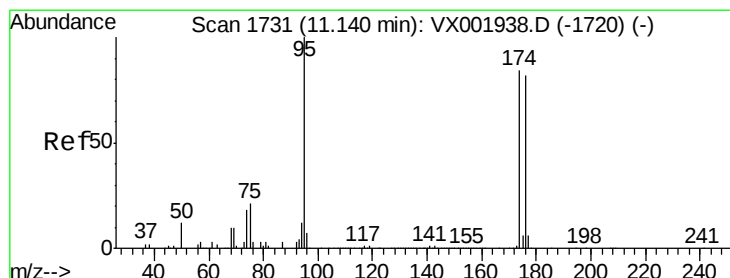
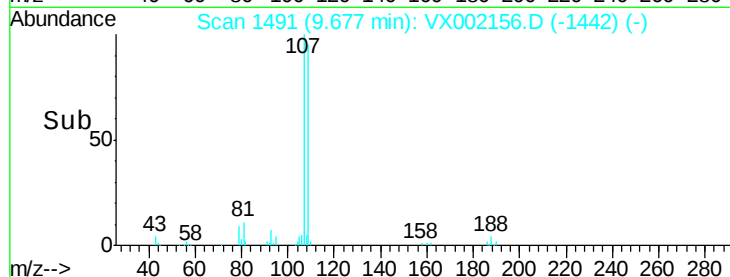
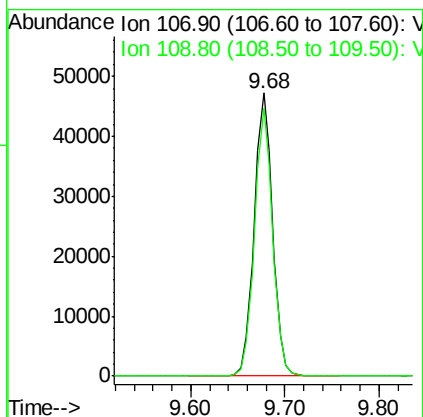
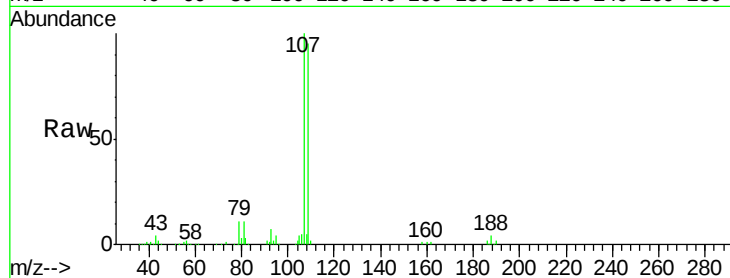




#61
 1,2-Dibromoethane
 Concen: 20.14 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX002156.D
 Acq: 30 May 2018 23:57

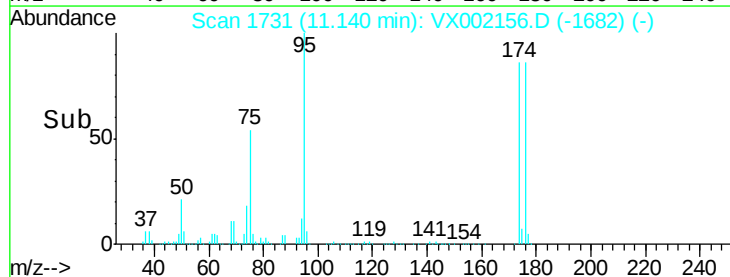
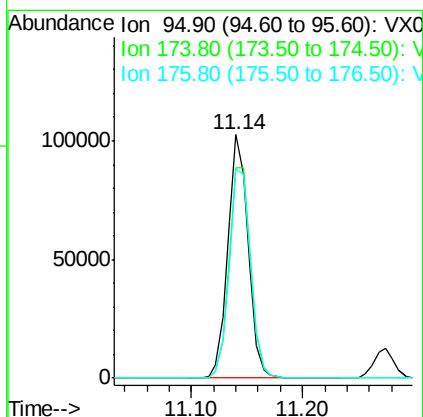
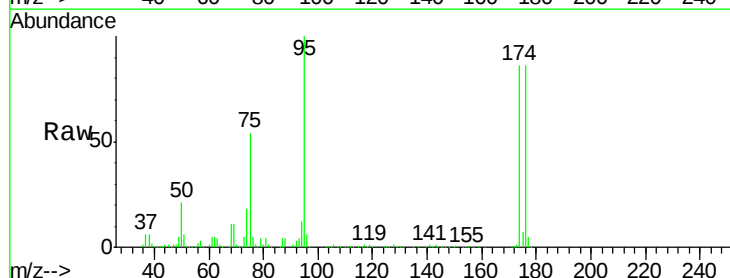
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBSD01

Tgt Ion: 107 Resp: 65652
 Ion Ratio Lower Upper
 107 100
 109 93.0 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 31.85 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX002156.D
 Acq: 30 May 2018 23:57

Tgt Ion: 95 Resp: 129345
 Ion Ratio Lower Upper
 95 100
 174 92.6 0.0 178.8
 176 90.1 0.0 175.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD01

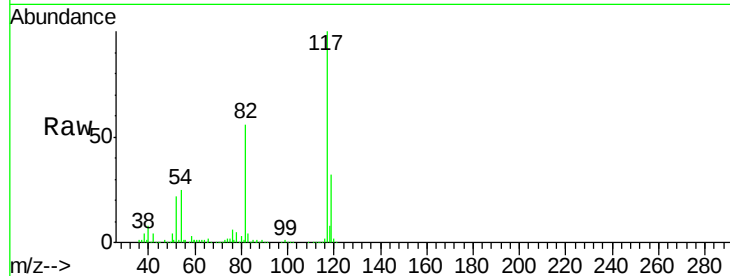
Tgt Ion:117 Resp: 260464

Ion Ratio Lower Upper

117 100

82 56.1 44.8 67.2

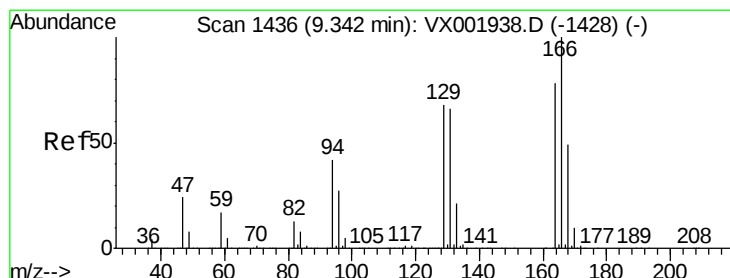
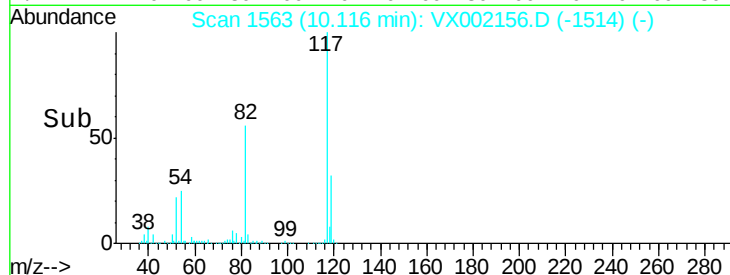
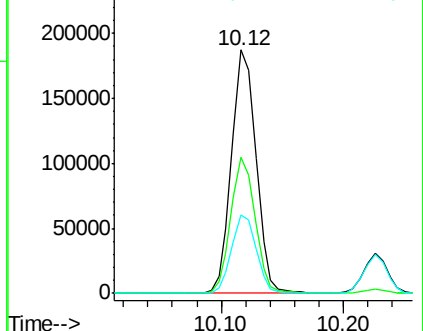
119 32.4 25.5 38.3



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: 20.11 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

Tgt Ion:164 Resp: 75093

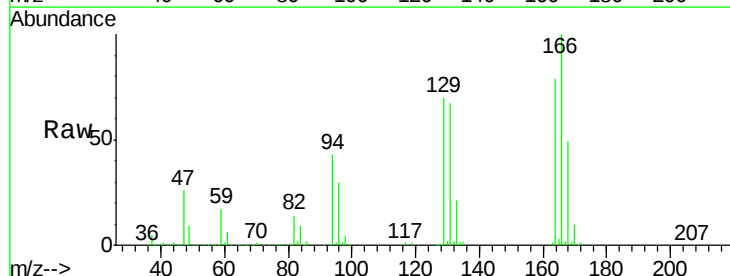
Ion Ratio Lower Upper

164 100

166 125.8 102.7 154.1

129 87.8 70.3 105.5

131 84.2 68.2 102.4

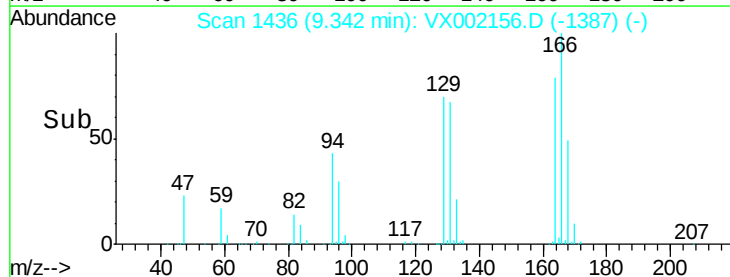
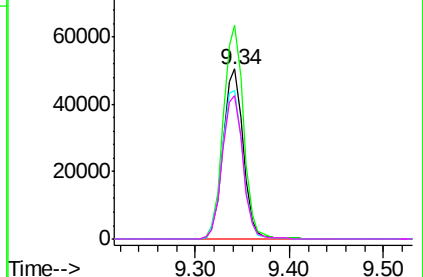


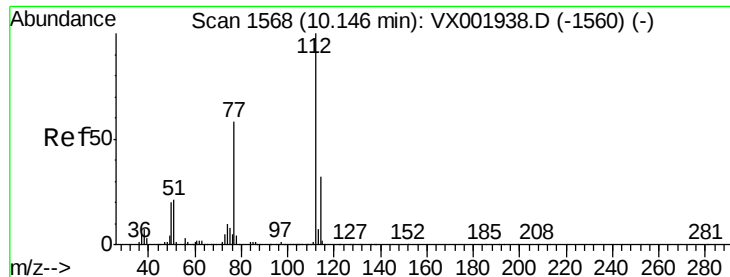
Abundance Ion 163.80 (163.50 to 164.50): V

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: 20.43 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

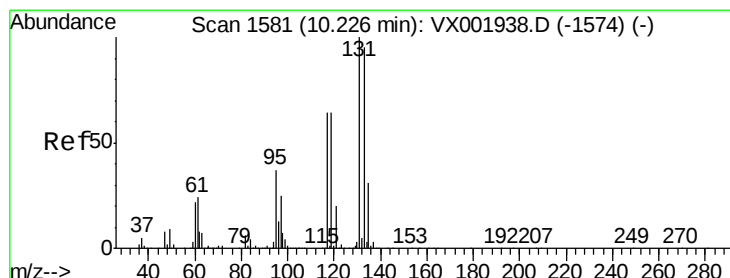
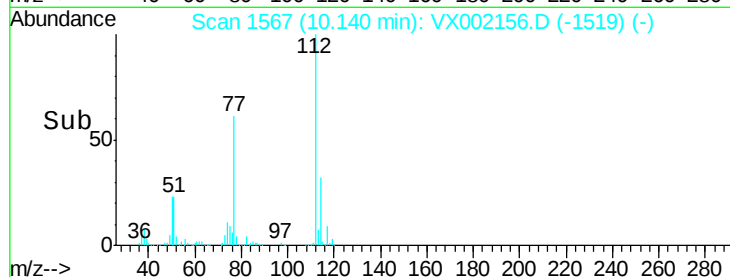
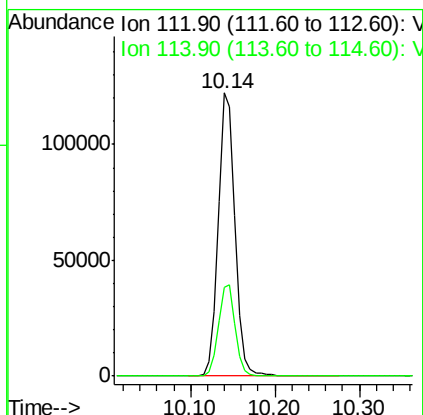
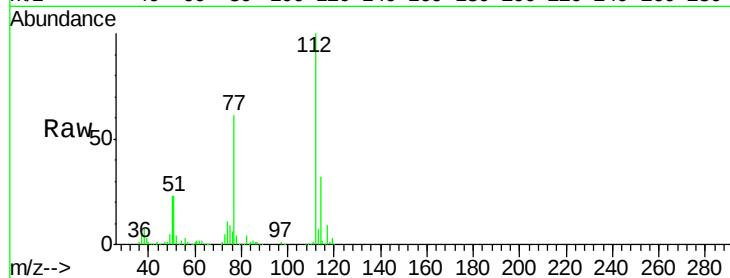
VX0530WBSD01

Tgt Ion:112 Resp: 168591

Ion Ratio Lower Upper

112 100

114 31.6 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 18.62 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

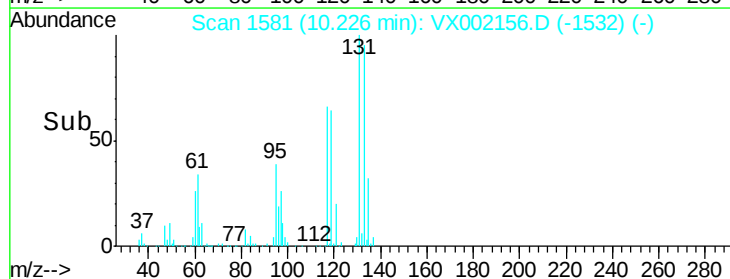
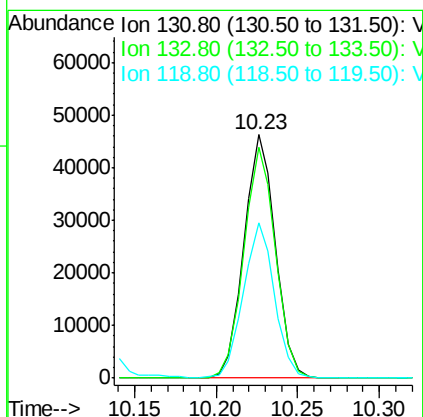
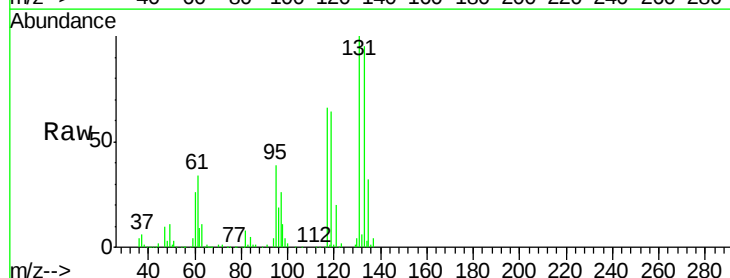
Tgt Ion:131 Resp: 62037

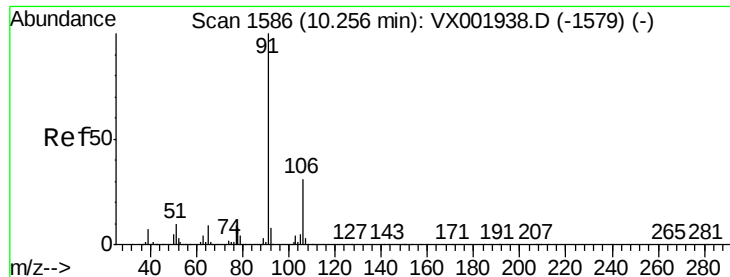
Ion Ratio Lower Upper

131 100

133 95.5 48.0 144.0

119 63.3 31.9 95.5





#67

Ethyl Benzene

Concen: 20.09 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

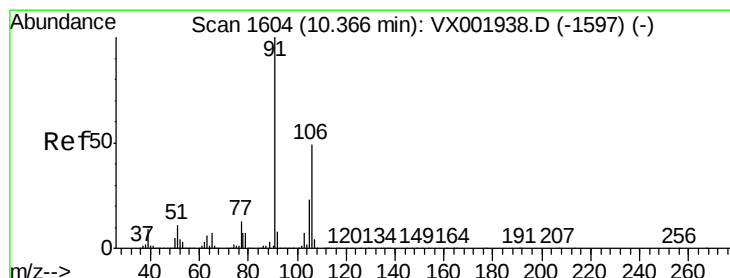
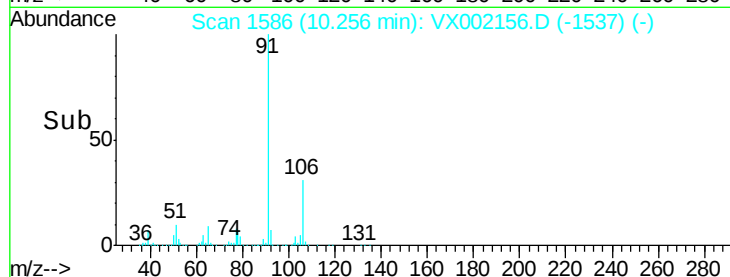
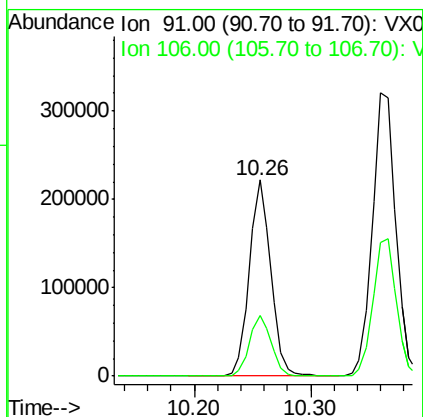
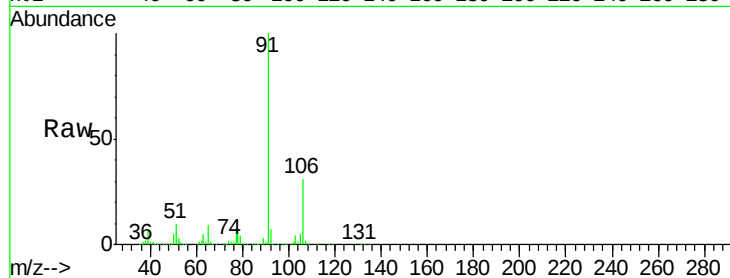
VX0530WBSD01

Tgt Ion: 91 Resp: 288052

Ion Ratio Lower Upper

91 100

106 30.7 25.0 37.6



#68

m/p-Xylenes

Concen: 39.90 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX002156.D

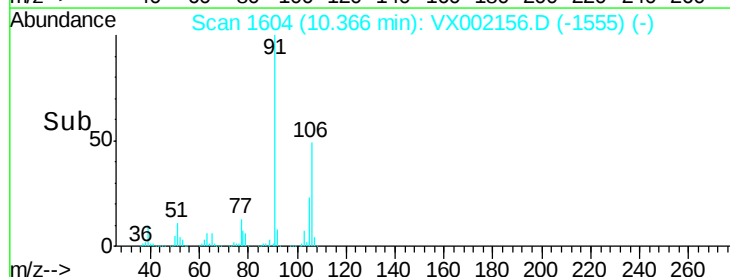
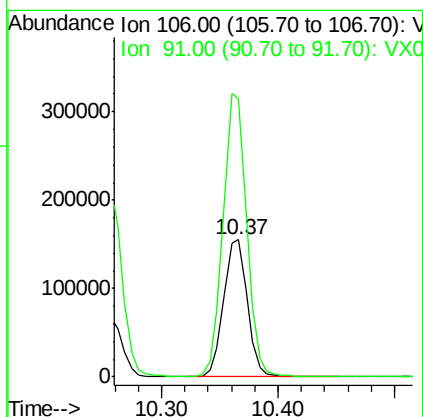
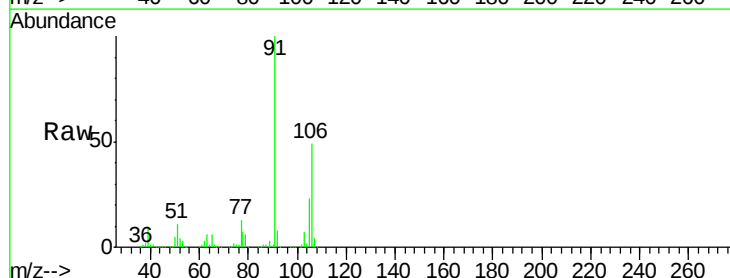
Acq: 30 May 2018 23:57

Tgt Ion: 106 Resp: 218682

Ion Ratio Lower Upper

106 100

91 207.2 165.0 247.6

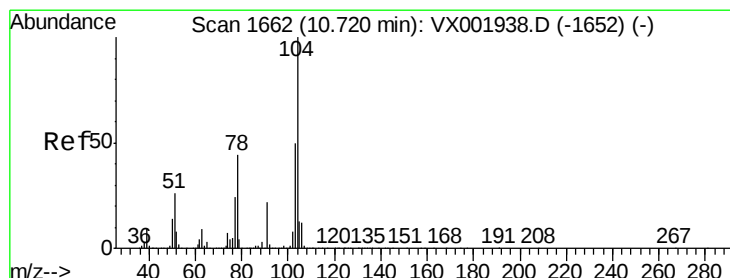
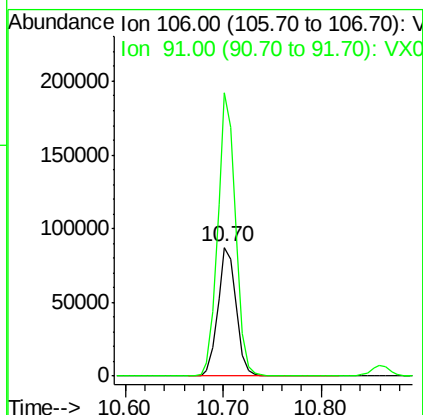
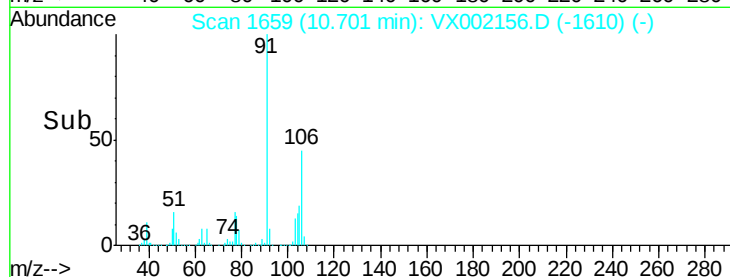
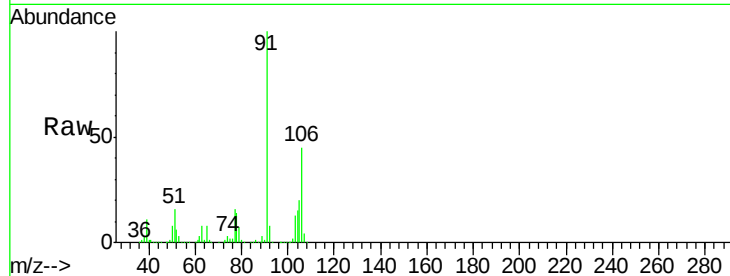




#69
o-Xylene
Concen: 20.49 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002156.D
Acq: 30 May 2018 23:57

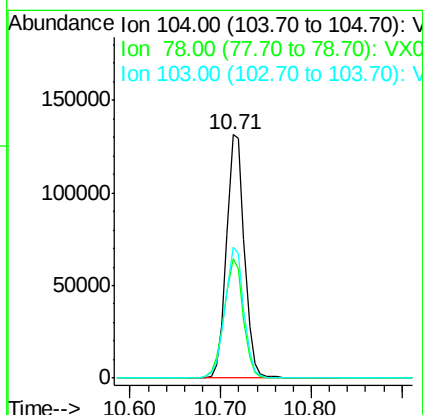
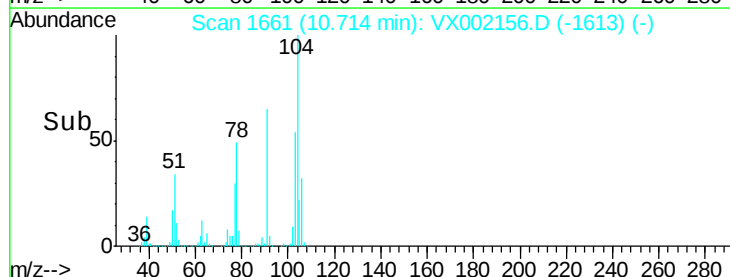
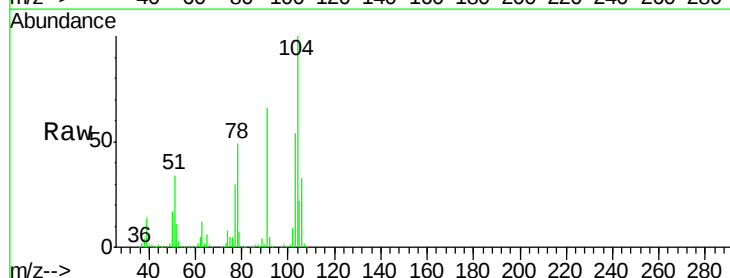
Instrument :
MSVOA_X
ClientSampleId :
VX0530WBSD01

Tgt Ion:106 Resp: 112142
Ion Ratio Lower Upper
106 100
91 215.5 108.7 325.9



#70
Styrene
Concen: 19.89 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX002156.D
Acq: 30 May 2018 23:57

Tgt Ion:104 Resp: 180529
Ion Ratio Lower Upper
104 100
78 52.5 41.8 62.6
103 56.8 44.6 67.0





#71

Bromoform

Concen: 14.58 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD01

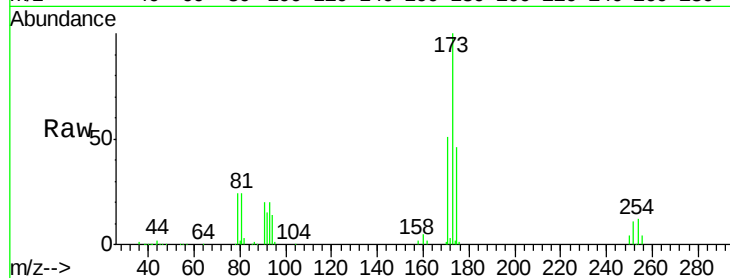
Tgt Ion:173 Resp: 46071

Ion Ratio Lower Upper

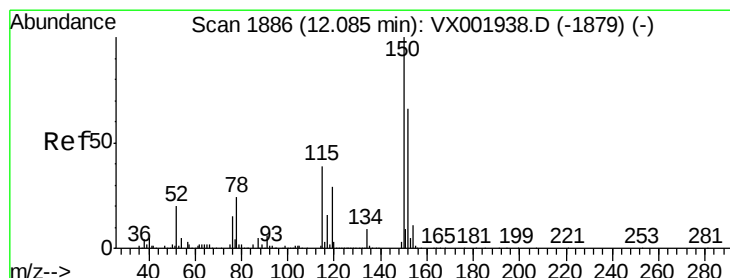
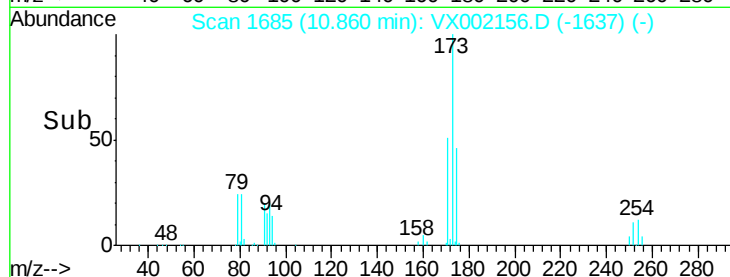
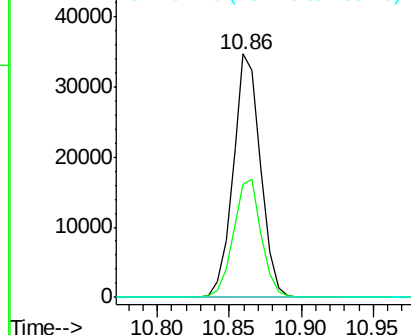
173 100

175 49.1 24.3 72.9

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

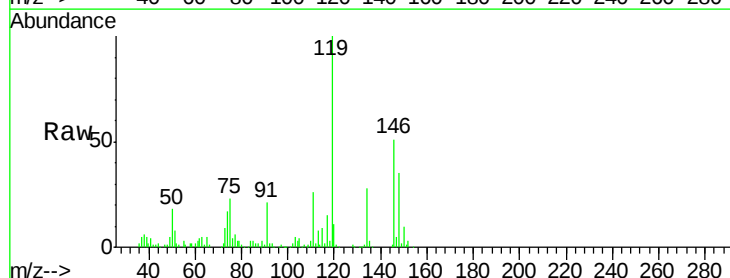
Tgt Ion:152 Resp: 762

Ion Ratio Lower Upper

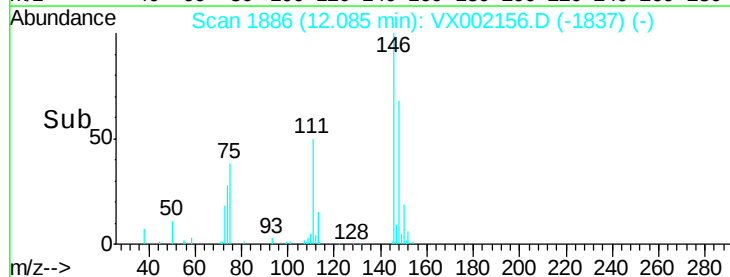
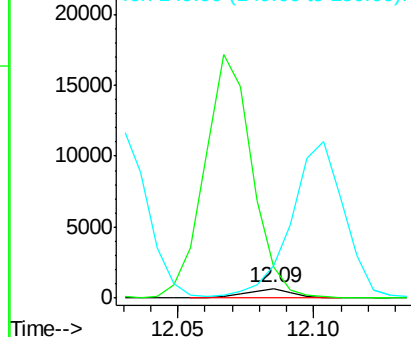
152 100

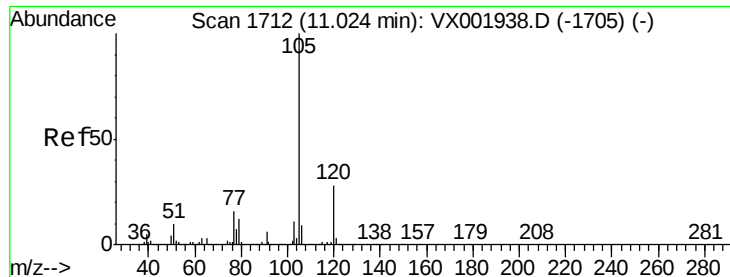
115 2748.8 42.3 126.8#

150 0.0 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

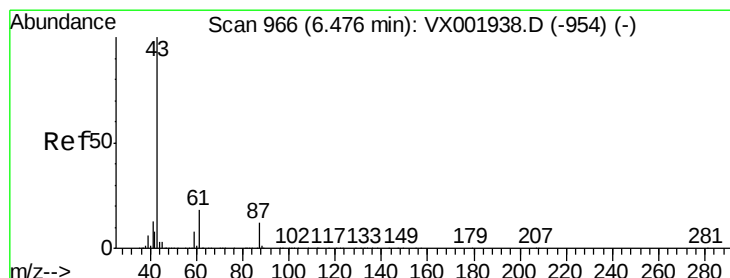
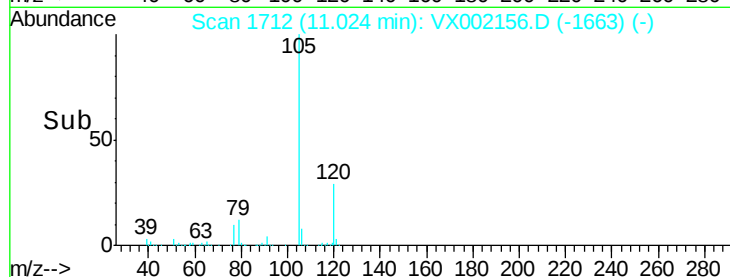
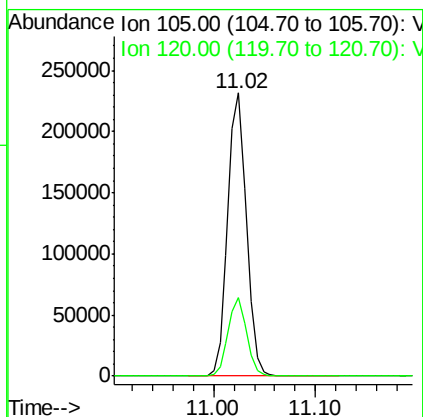
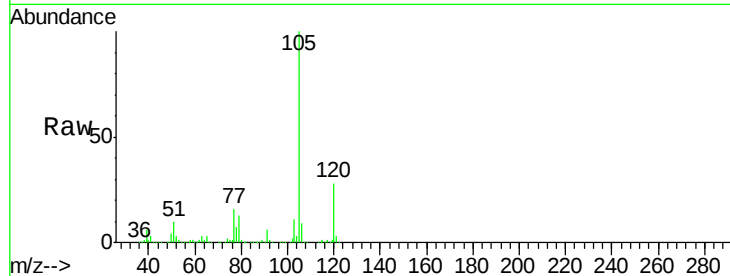




#73
Isopropylbenzene
Concen: 4568.12 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX002156.D
Acq: 30 May 2018 23:57

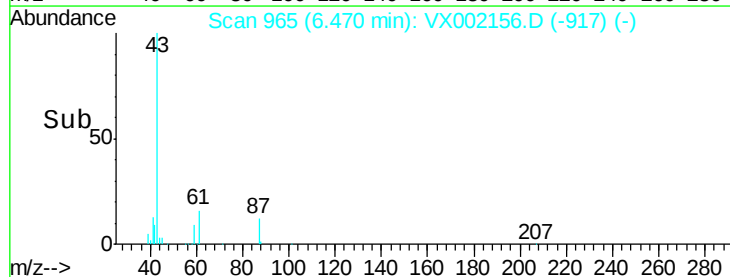
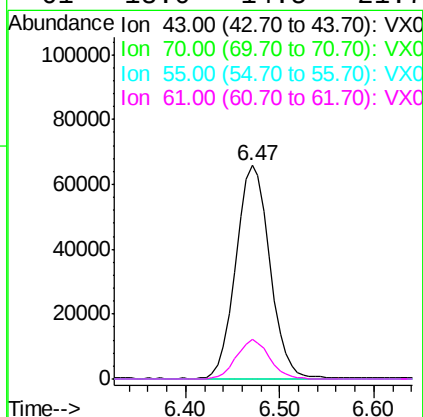
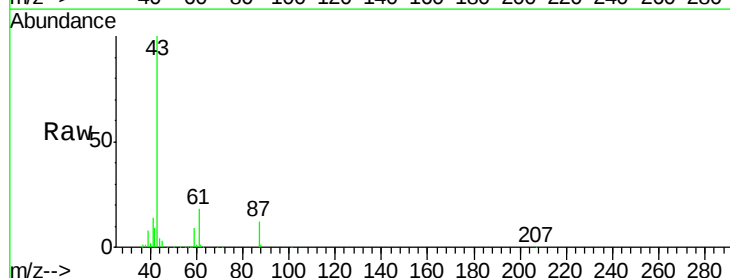
Instrument :
MSVOA_X
ClientSampled :
VX0530WBSD01

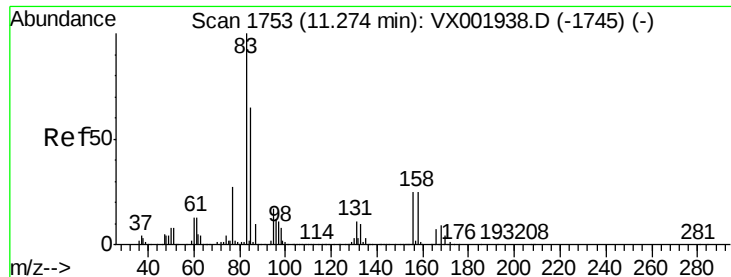
Tgt Ion: 105 Resp: 294766
Ion Ratio Lower Upper
105 100
120 27.1 13.6 40.7



#74
N-ethyl acetate
Concen: 5282.35 ug/l
RT: 6.47 min Scan# 966
Delta R.T. -0.01 min
Lab File: VX002156.D
Acq: 30 May 2018 23:57

Tgt Ion: 43 Resp: 165771
Ion Ratio Lower Upper
43 100
70 0.0 0.1 0.1#
55 0.2 0.1 0.1#
61 18.0 14.5 21.7





#75

1,1,2,2-Tetrachloroethane

Concen: 5249.27 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD01

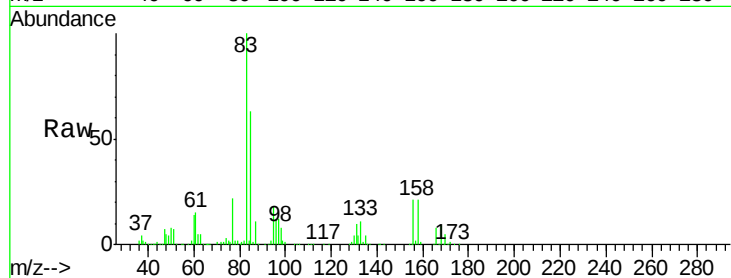
Tgt Ion: 83 Resp: 90315

Ion Ratio Lower Upper

83 100

131 10.9 5.7 17.0

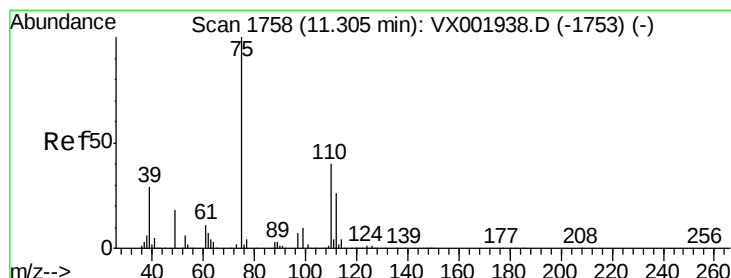
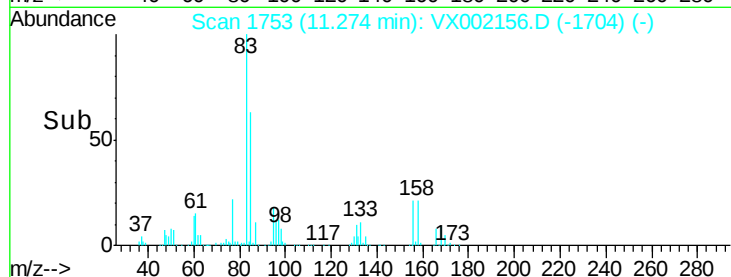
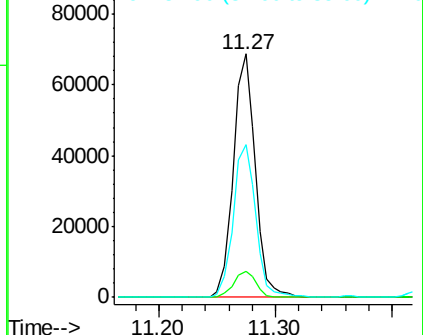
85 64.7 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 5905.38 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX002156.D

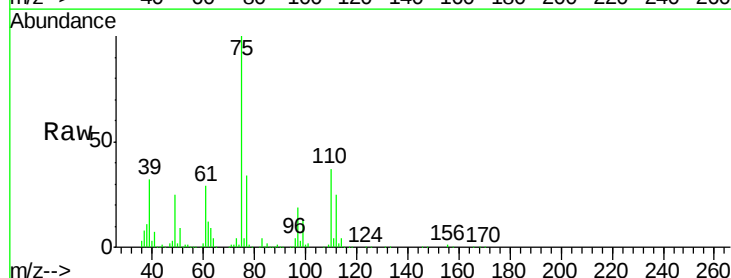
Acq: 30 May 2018 23:57

Tgt Ion: 75 Resp: 108085

Ion Ratio Lower Upper

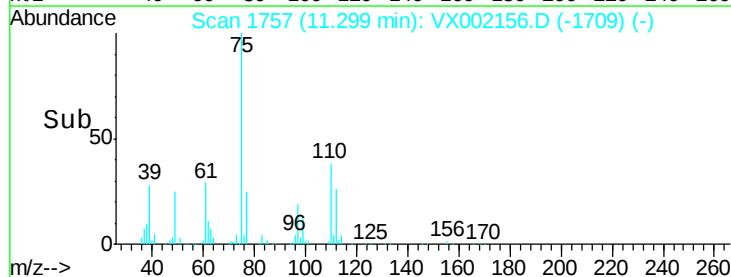
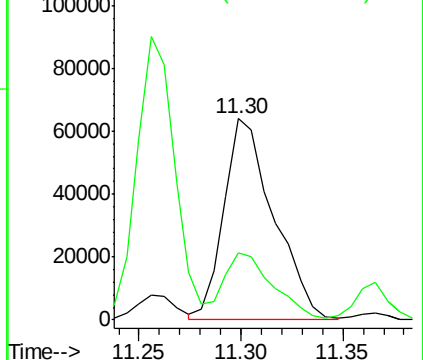
75 100

77 33.3 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 4632.26 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD01

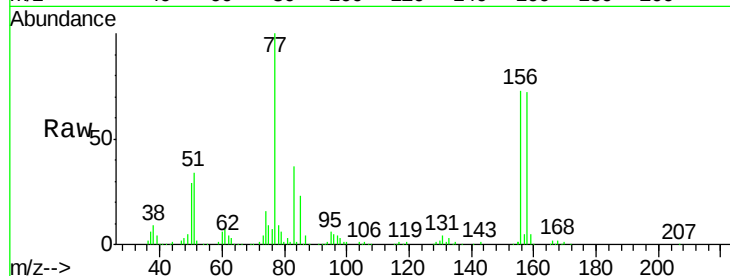
Tgt Ion:156 Resp: 79304

Ion Ratio Lower Upper

156 100

77 146.1 75.2 225.6

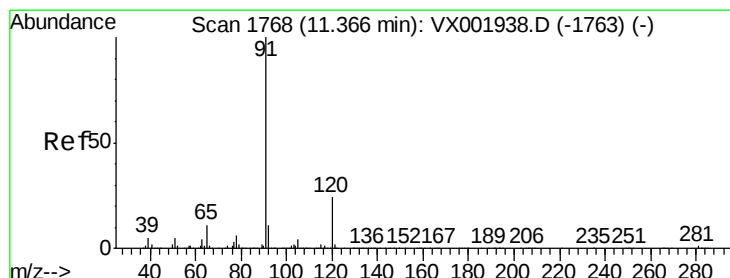
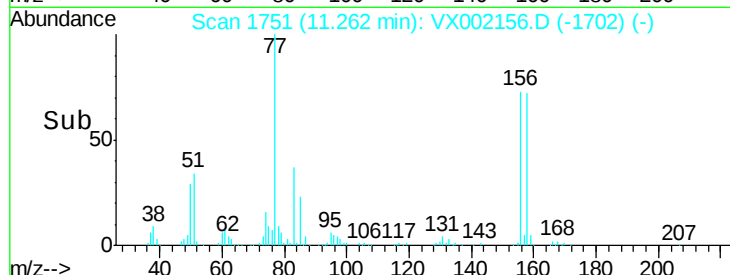
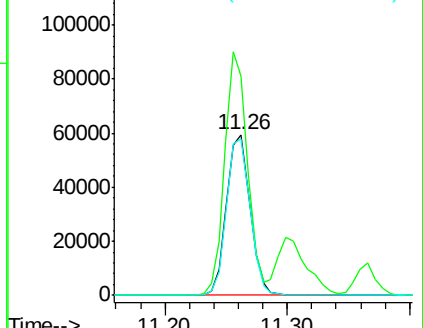
158 98.1 48.6 145.8



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: 4525.98 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002156.D

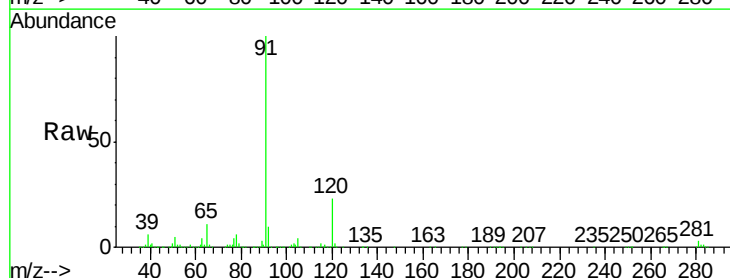
Acq: 30 May 2018 23:57

Tgt Ion: 91 Resp: 327090

Ion Ratio Lower Upper

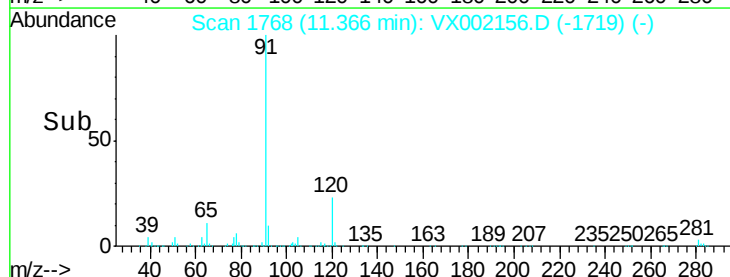
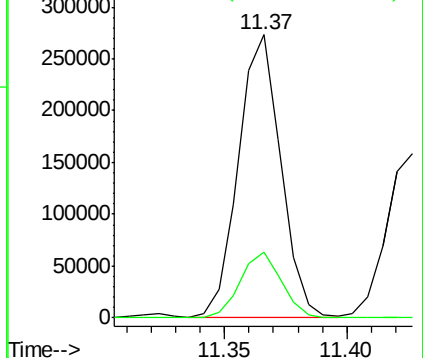
91 100

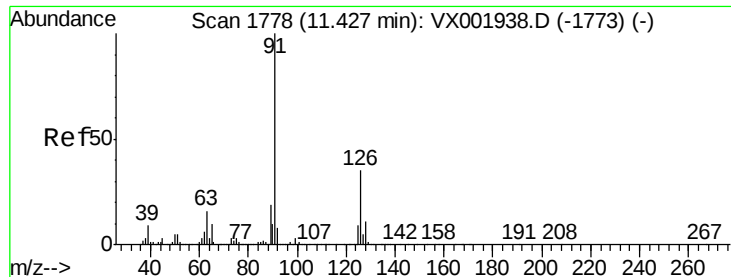
120 22.9 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5295.15 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

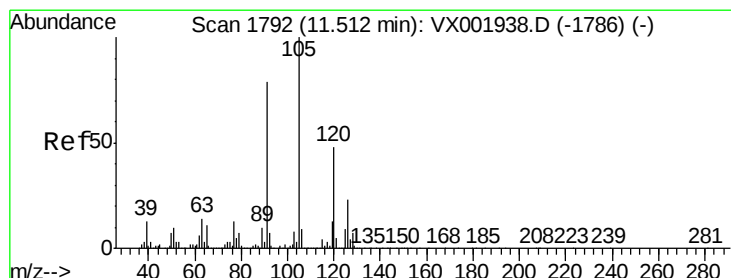
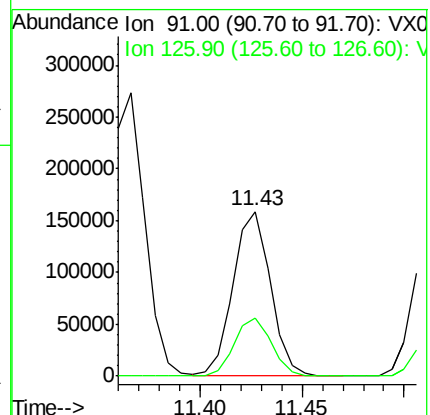
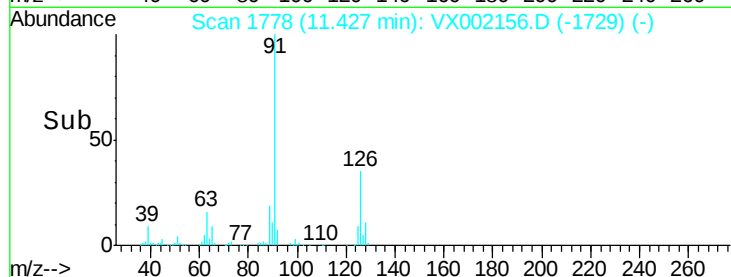
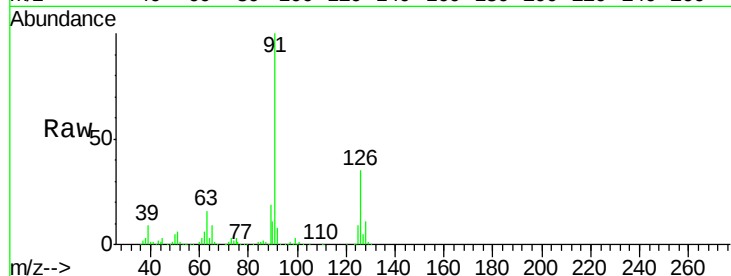
VX0530WBSD01

Tgt Ion: 91 Resp: 200341

Ion Ratio Lower Upper

91 100

126 35.4 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 4473.78 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002156.D

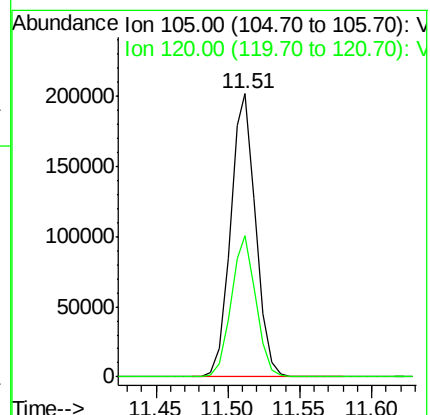
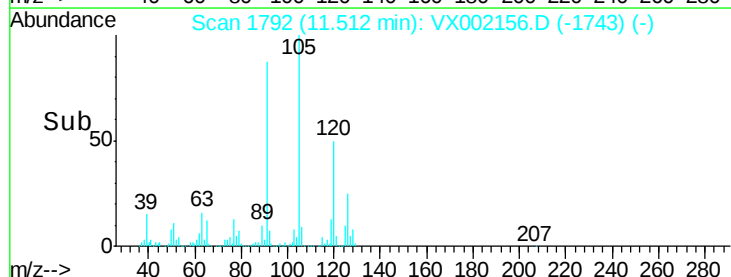
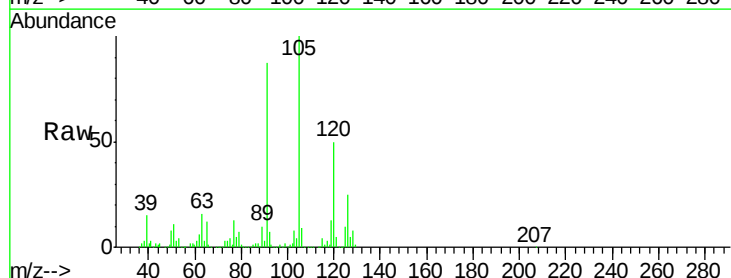
Acq: 30 May 2018 23:57

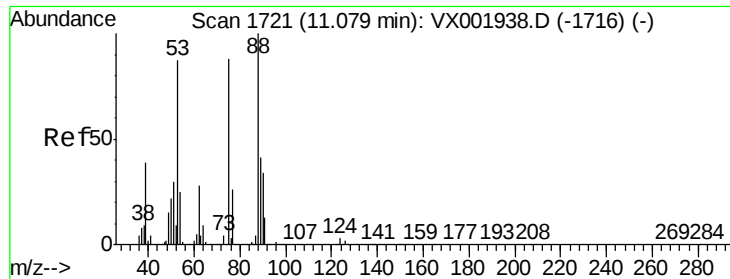
Tgt Ion: 105 Resp: 246703

Ion Ratio Lower Upper

105 100

120 49.2 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 3135.26 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

Instrument :

MSVOA_X

ClientSampled :

VX0530WBSD01

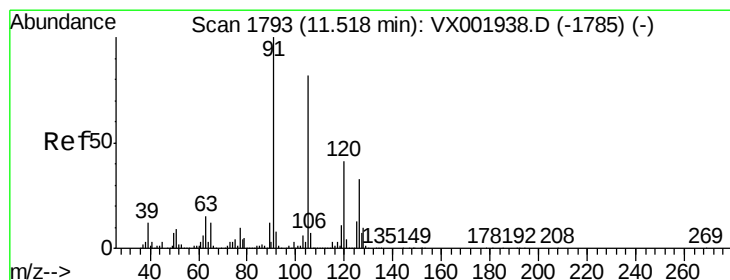
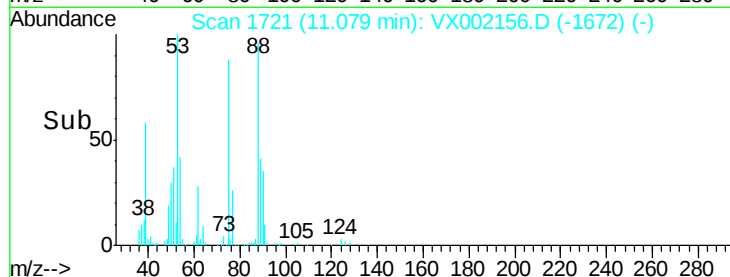
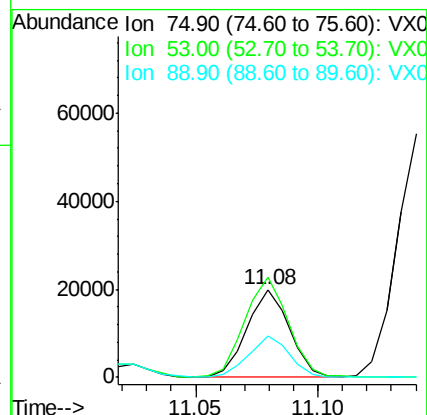
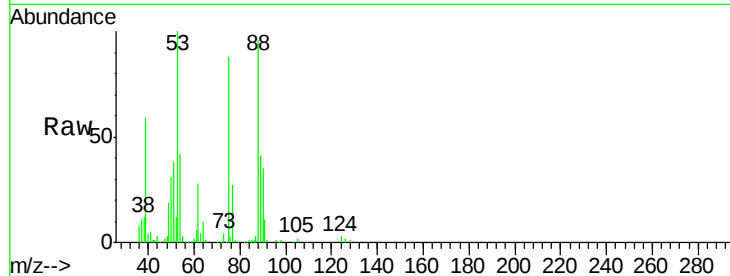
Tgt Ion: 75 Resp: 23876

Ion Ratio Lower Upper

75 100

53 116.8 78.0 117.0

89 46.2 39.4 59.2



#82

4-Chlorotoluene

Concen: 4498.50 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX002156.D

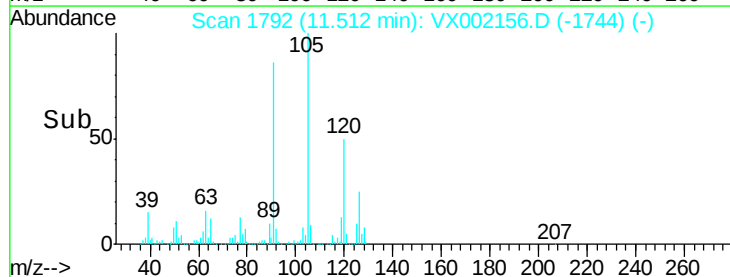
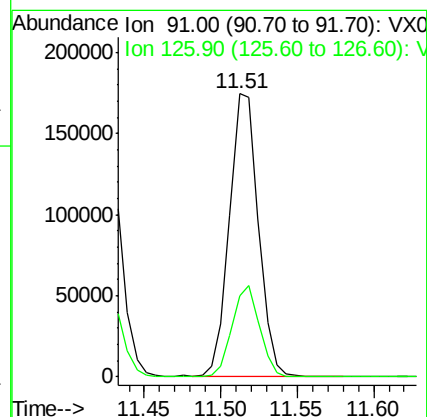
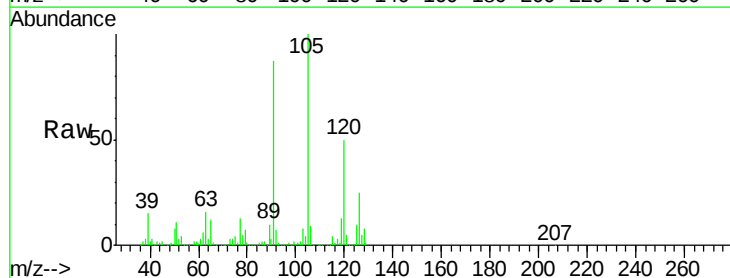
Acq: 30 May 2018 23:57

Tgt Ion: 91 Resp: 229298

Ion Ratio Lower Upper

91 100

126 30.9 15.3 45.8

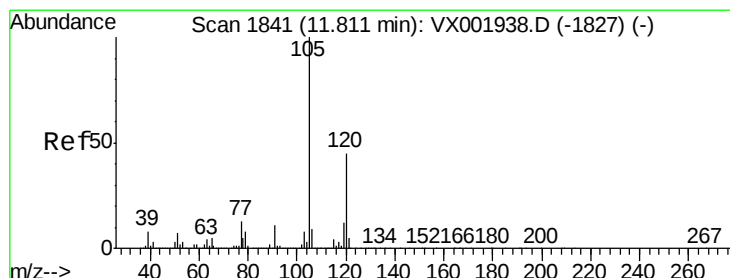
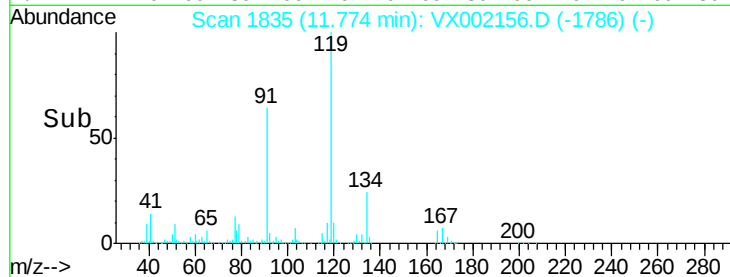
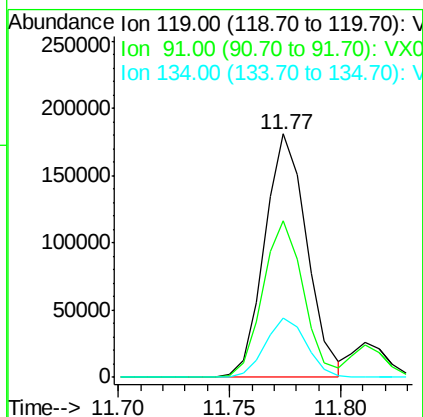
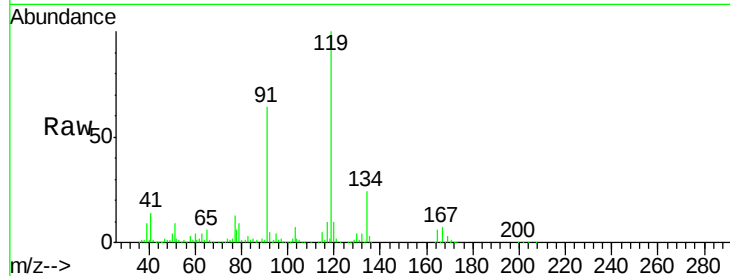




#83
 tert-Butylbenzene
 Concen: 4407.22 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX002156.D
 Acq: 30 May 2018 23:57

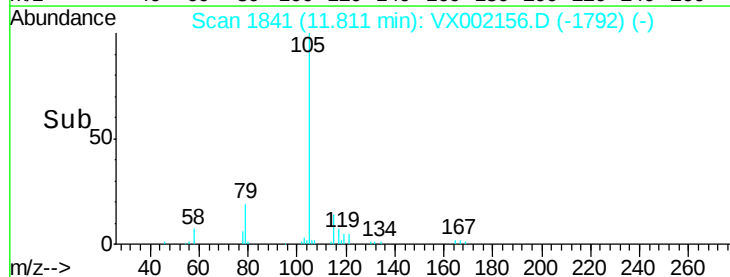
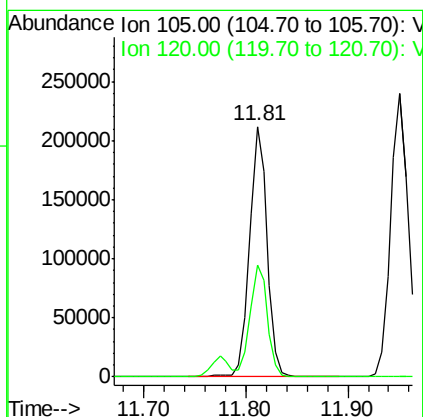
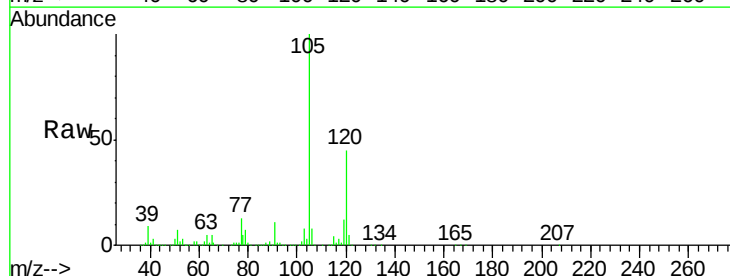
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBSD01

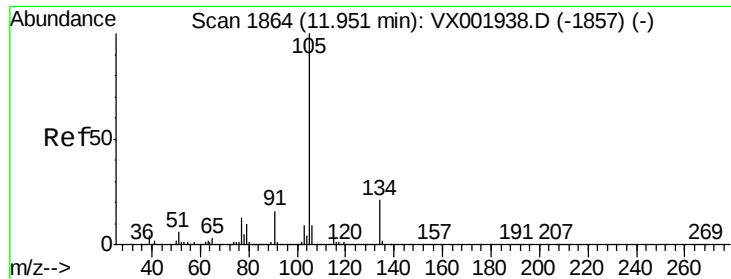
Tgt Ion:119 Resp: 238488
 Ion Ratio Lower Upper
 119 100
 91 62.3 30.6 91.8
 134 24.1 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 4460.69 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002156.D
 Acq: 30 May 2018 23:57

Tgt Ion:105 Resp: 254196
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.1 66.5

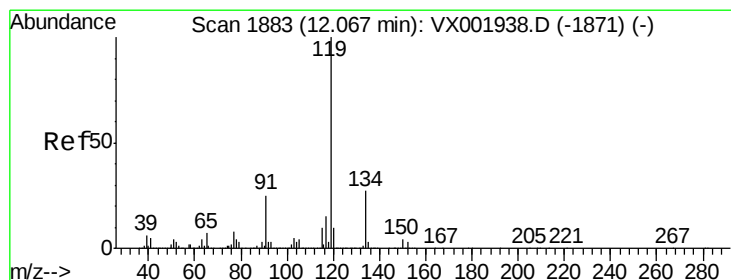
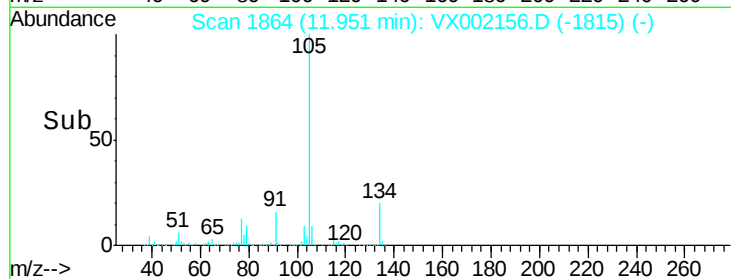
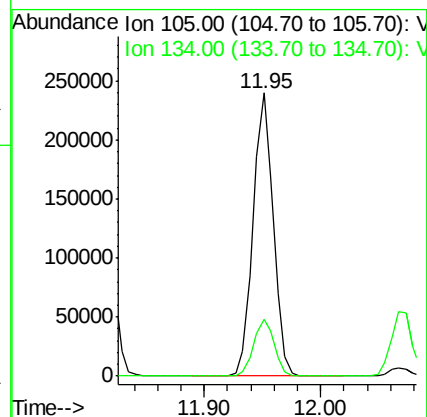
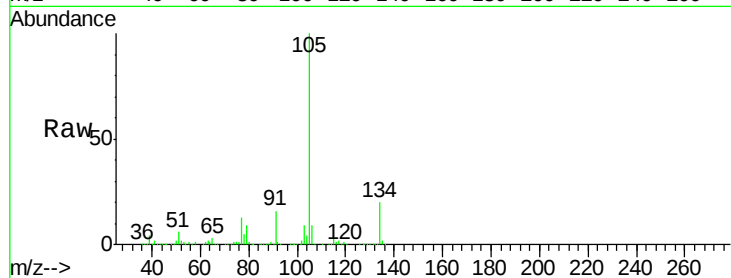




#85
 sec-Butylbenzene
 Concen: 4465.77 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX002156.D
 Acq: 30 May 2018 23:57

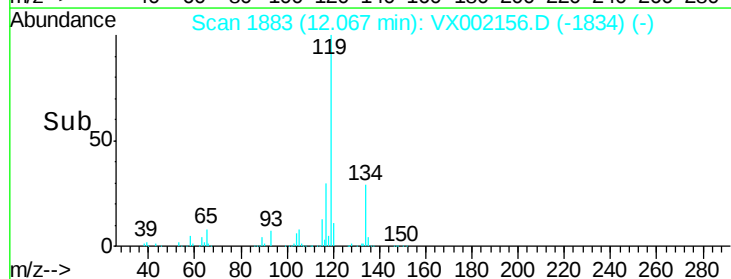
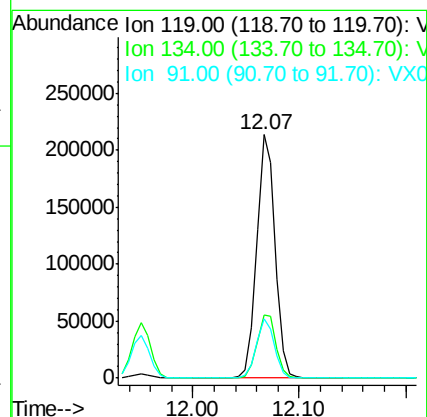
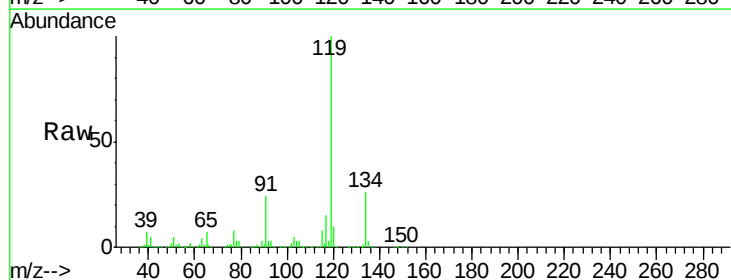
Instrument :
 MSVOA_X
 ClientSampled :
 VX0530WBSD01

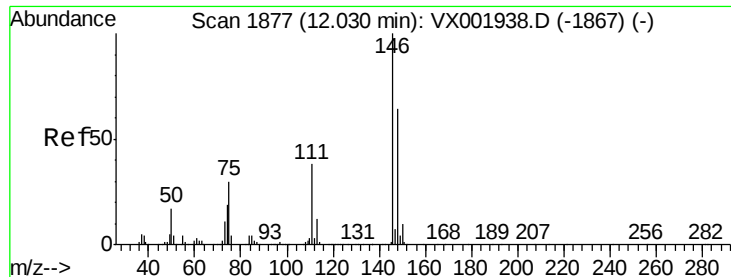
Tgt Ion:105 Resp: 290494
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 4420.87 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX002156.D
 Acq: 30 May 2018 23:57

Tgt Ion:119 Resp: 257330
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.6 40.8
 91 24.0 12.2 36.4

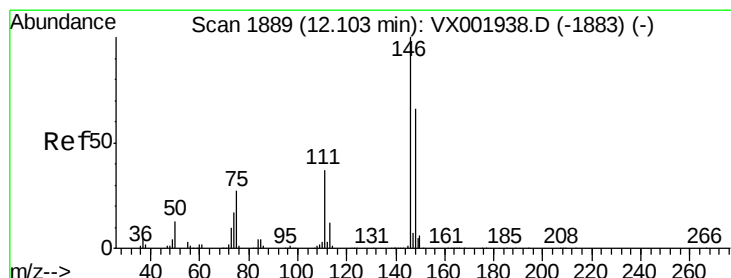
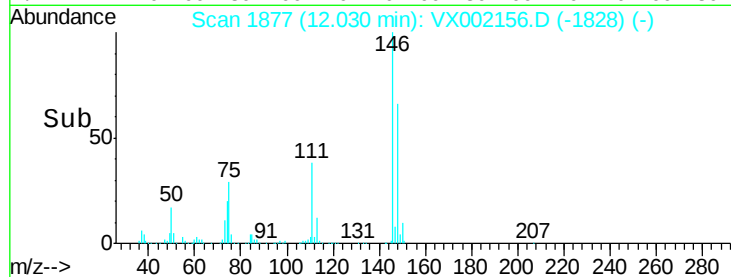
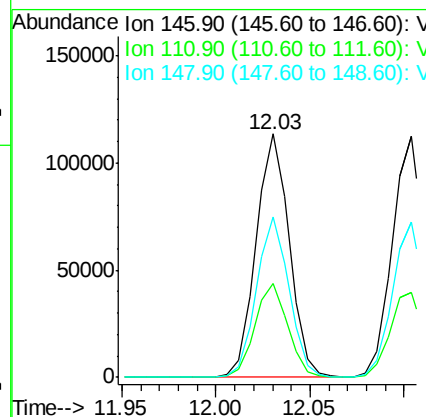
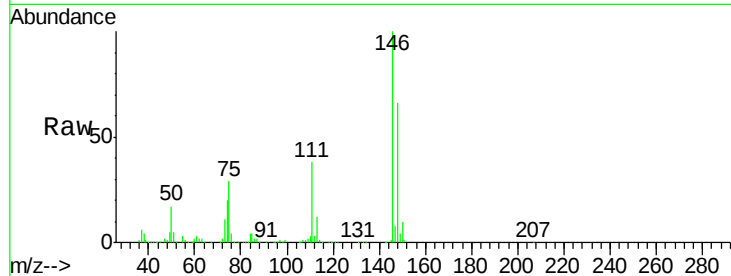




#87
 1,3-Dichlorobenzene
 Concen: 4523.09 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002156.D
 Acq: 30 May 2018 23:57

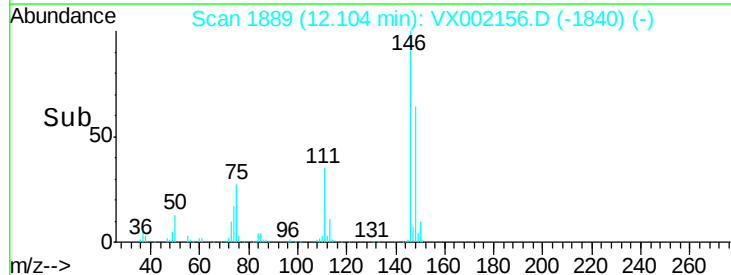
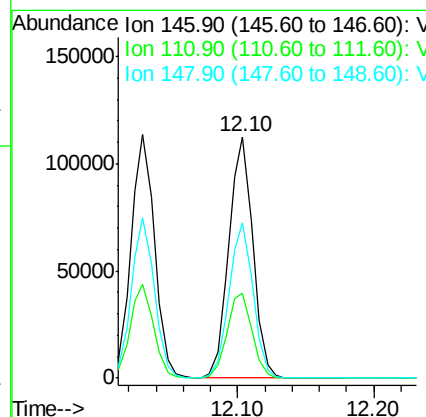
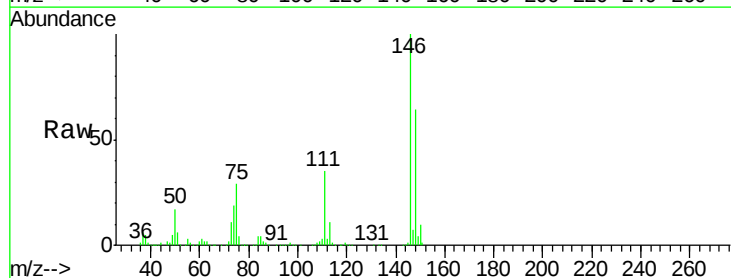
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBSD01

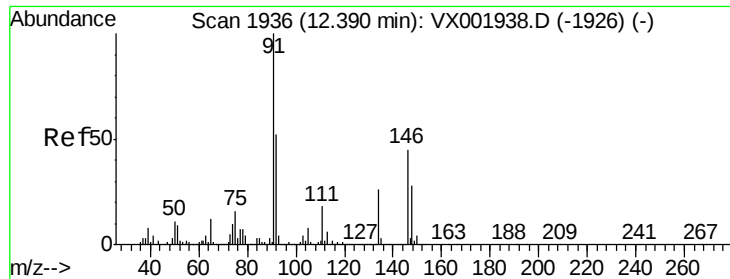
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.3	57.8
148	64.7	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 4483.75 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002156.D
 Acq: 30 May 2018 23:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.9	56.5
148	64.6	32.3	96.8





#89

n-Butylbenzene

Concen: 4313.29 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD01

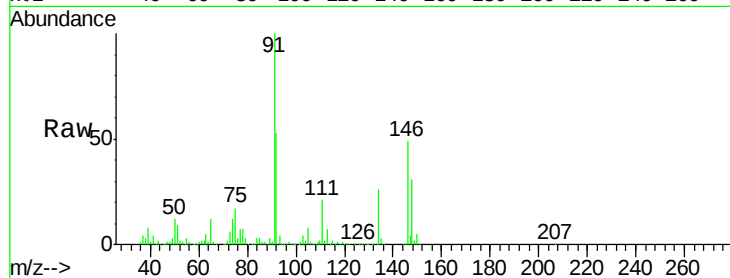
Tgt Ion: 91 Resp: 212740

Ion Ratio Lower Upper

91 100

92 52.3 26.3 78.9

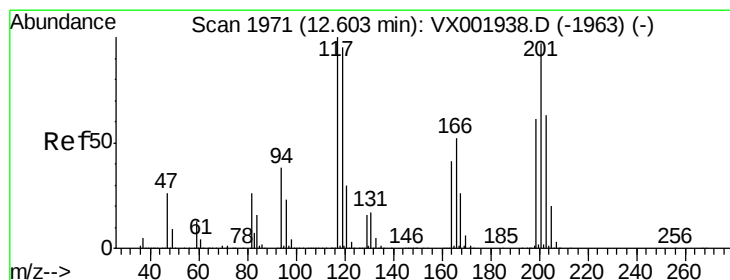
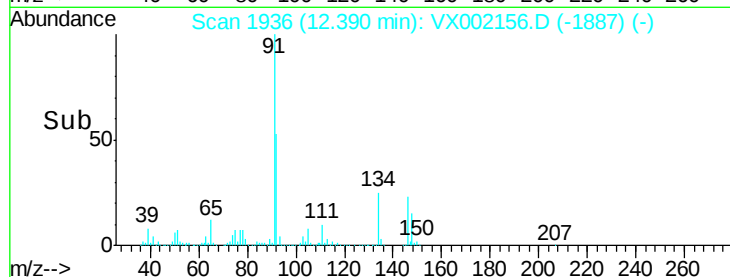
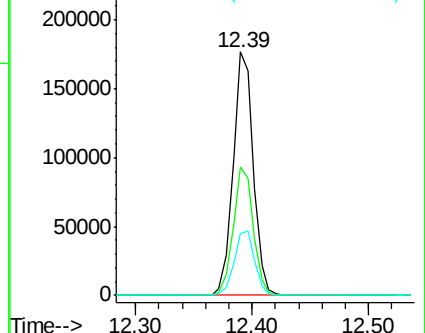
134 26.8 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 3266.61 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX002156.D

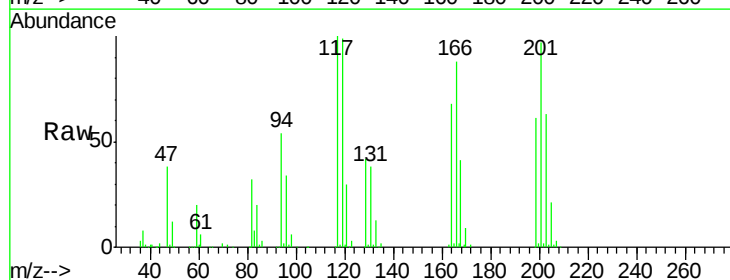
Acq: 30 May 2018 23:57

Tgt Ion: 117 Resp: 37506

Ion Ratio Lower Upper

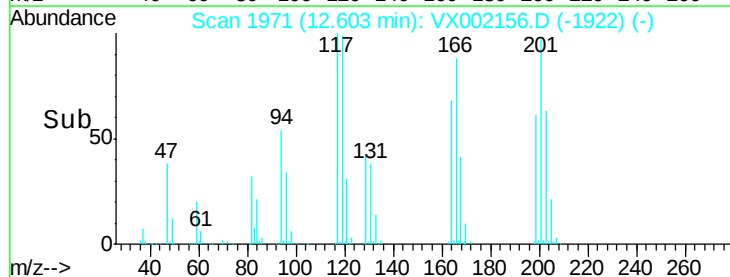
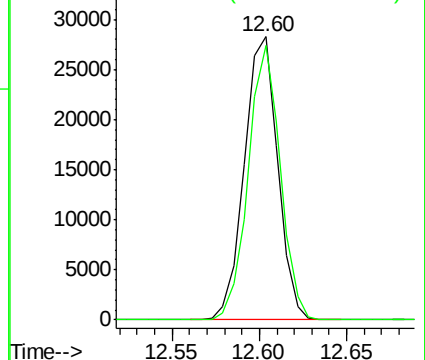
117 100

201 92.8 48.0 144.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 4641.64 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD01

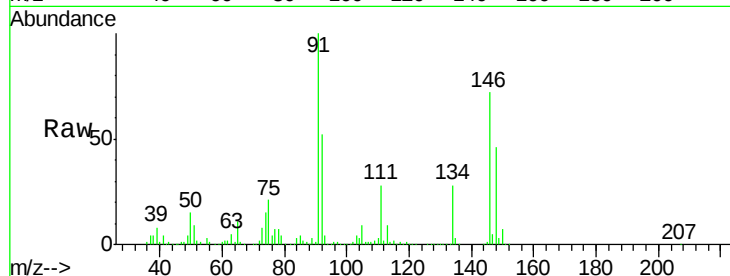
Tgt Ion:146 Resp: 144999

Ion Ratio Lower Upper

146 100

111 39.1 19.8 59.3

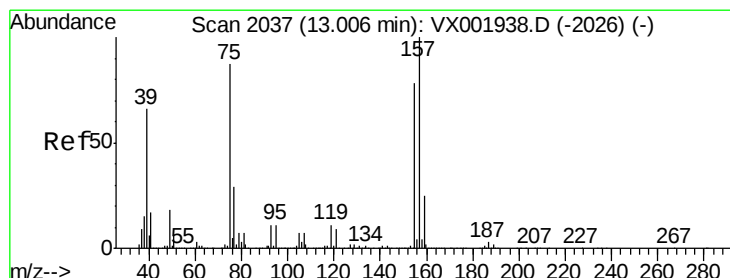
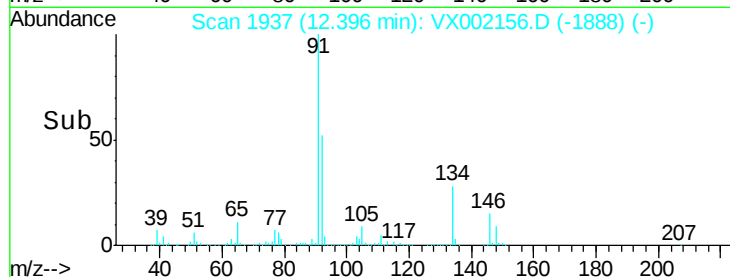
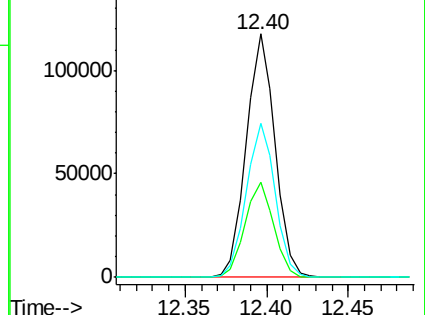
148 63.6 32.1 96.5



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: 3581.85 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

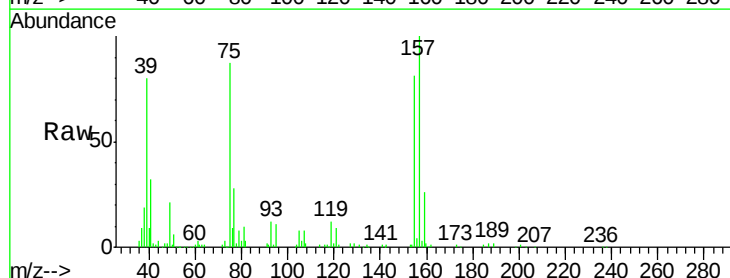
Tgt Ion: 75 Resp: 20549

Ion Ratio Lower Upper

75 100

155 89.2 45.1 135.2

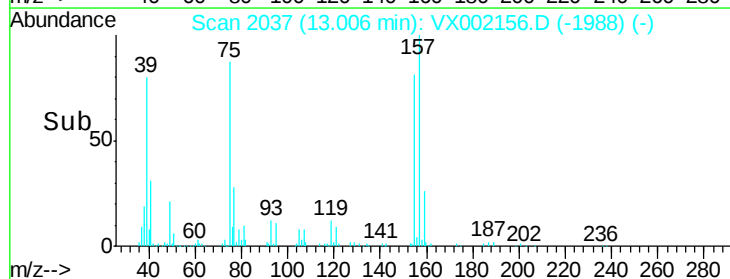
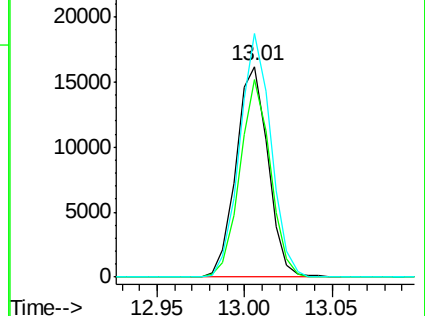
157 113.4 58.1 174.2



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: 4456.65 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD01

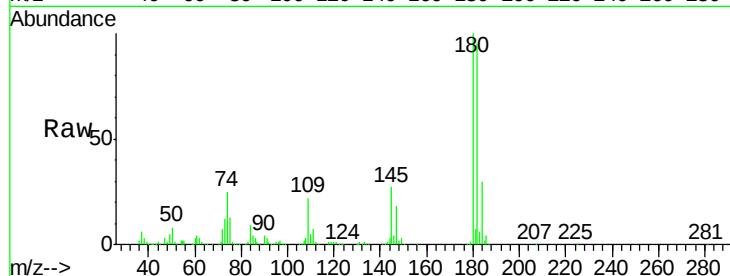
Tgt Ion:180 Resp: 99552

Ion Ratio Lower Upper

180 100

182 95.8 47.7 143.1

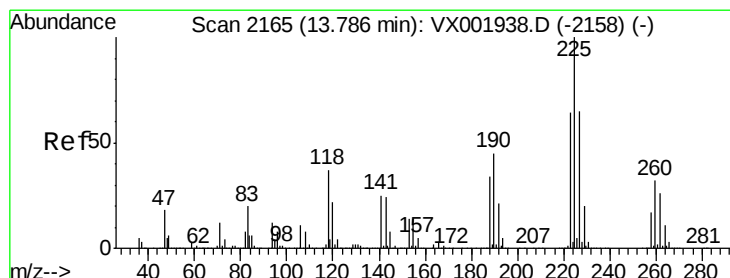
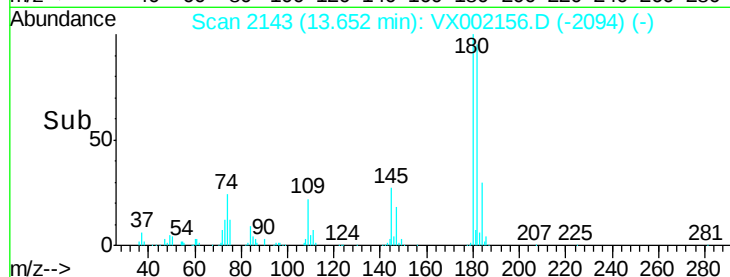
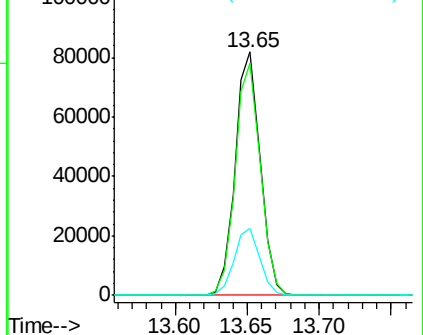
145 28.0 14.4 43.0



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: 4307.12 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

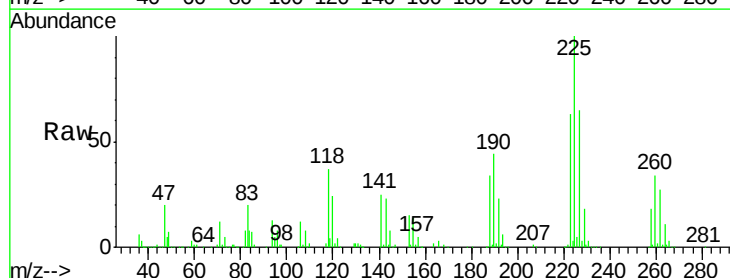
Tgt Ion:225 Resp: 51755

Ion Ratio Lower Upper

225 100

223 63.0 31.1 93.5

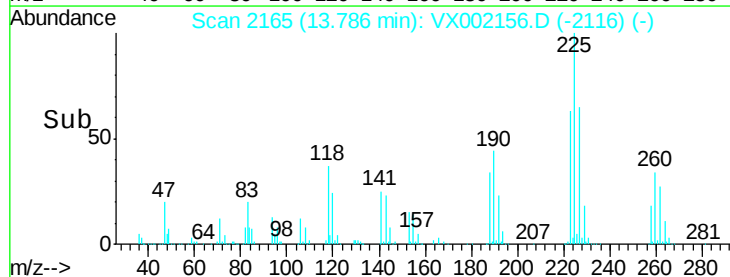
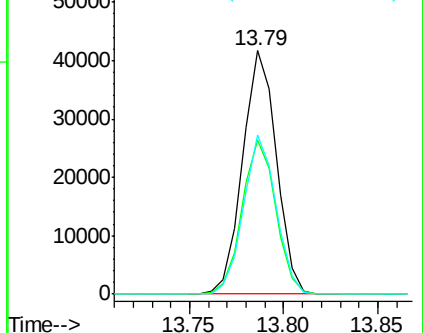
227 63.1 32.1 96.5

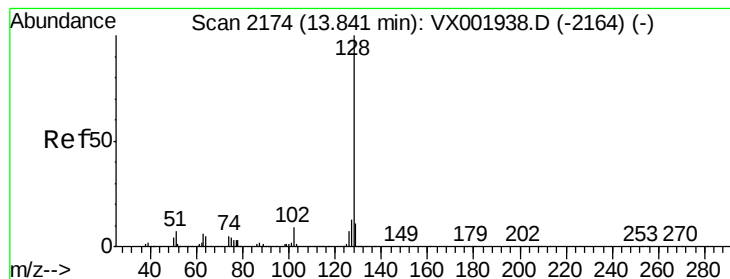


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 4550.29 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBSD01

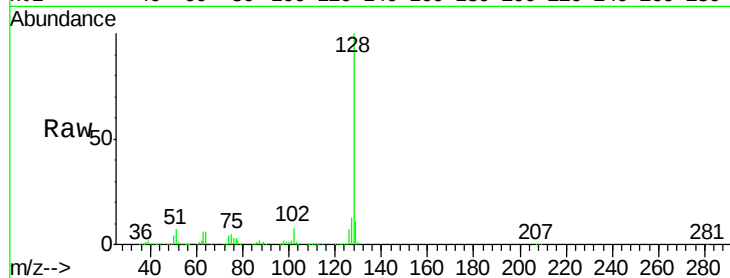
Tgt Ion:128 Resp: 313156

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

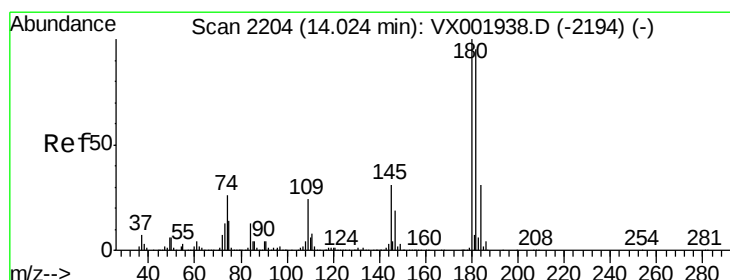
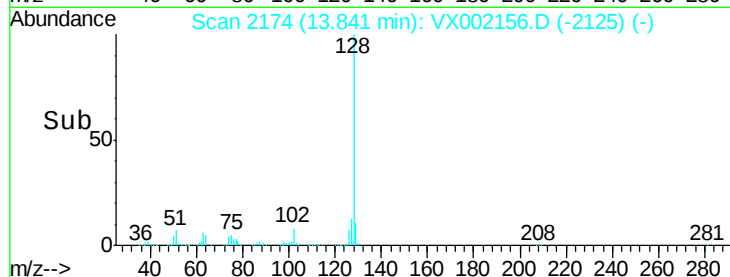
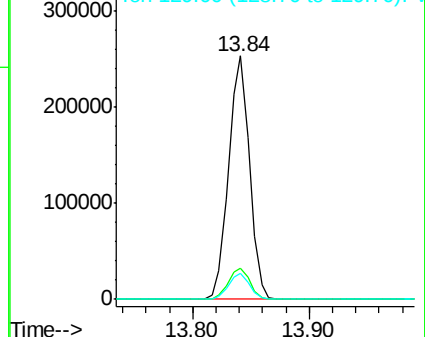
129 10.8 8.8 13.2



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: 4473.60 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002156.D

Acq: 30 May 2018 23:57

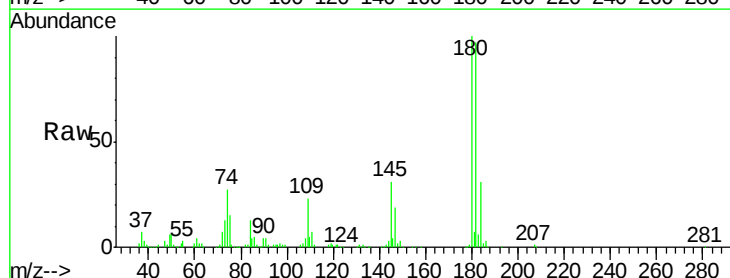
Tgt Ion:180 Resp: 103401

Ion Ratio Lower Upper

180 100

182 96.7 47.9 143.6

145 30.3 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

