

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062918\
 Data File : VX003047.D
 Acq On : 29 Jun 2018 23:50
 Operator : JC/MD
 Sample : VX0629WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 30 02:32:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	258978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	359515	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	352430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	214965	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	181091	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
35) Dibromofluoromethane	5.51	113	148216	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
50) Toluene-d8	8.72	98	541252	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
62) 4-Bromofluorobenzene	11.14	95	201775	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	59104	25.41	ug/l	98
3) Chloromethane	1.32	50	56991	23.10	ug/l	95
4) Vinyl Chloride	1.40	62	63890	21.81	ug/l	91
5) Bromomethane	1.64	94	24712	16.24	ug/l	100
6) Chloroethane	1.72	64	39021	21.50	ug/l	97
7) Trichlorofluoromethane	1.93	101	101173	20.48	ug/l	94
8) Diethyl Ether	2.19	74	36638	20.40	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	56952	19.90	ug/l	98
10) Methyl Iodide	2.51	142	47646	20.59	ug/l	98
11) Tert butyl alcohol	3.08	59	77744	109.02	ug/l	100
12) 1,1-Dichloroethene	2.37	96	51416	20.13	ug/l	93
13) Acrolein	2.29	56	36775	95.68	ug/l	97
14) Allyl chloride	2.73	41	100639	19.99	ug/l	95
15) Acrylonitrile	3.15	53	162664	106.80	ug/l	99
16) Acetone	2.45	43	150091	101.25	ug/l	98
17) Carbon Disulfide	2.57	76	138272	20.32	ug/l	96
18) Methyl Acetate	2.78	43	79691	19.23	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	185890	20.24	ug/l	100
20) Methylene Chloride	2.86	84	57860	20.06	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	55645	20.00	ug/l	95
22) Diisopropyl ether	3.87	45	194108	20.17	ug/l	94
23) Vinyl Acetate	3.83	43	838155	102.85	ug/l	98
24) 1,1-Dichloroethane	3.70	63	106107	20.29	ug/l	99
25) 2-Butanone	4.71	43	233034	105.92	ug/l	98
26) 2,2-Dichloropropane	4.59	77	57632	13.55	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	62881	20.16	ug/l	96
28) Bromochloromethane	5.03	49	49974	19.96	ug/l	93
29) Tetrahydrofuran	5.17	42	148830	105.49	ug/l	97
30) Chloroform	5.22	83	108288	20.17	ug/l	94
31) Cyclohexane	5.57	56	88757	19.77	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	96135	20.35	ug/l	99
36) 1,1-Dichloropropene	5.80	75	77058	19.55	ug/l	99
37) Ethyl Acetate	4.87	43	89302	21.04	ug/l	98
38) Carbon Tetrachloride	5.79	117	84611	19.56	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	83707	18.23	ug/l	96
40) Benzene	6.15	78	234085	20.43	ug/l	99
41) Methacrylonitrile	5.07	41	50111	20.50	ug/l	98
42) 1,2-Dichloroethane	6.20	62	91116	19.69	ug/l	99
43) Isopropyl Acetate	6.47	43	138521	19.46	ug/l	99
44) Trichloroethene	7.21	130	68037	19.92	ug/l	100
45) 1,2-Dichloropropane	7.52	63	60529	19.92	ug/l	98
46) Dibromomethane	7.67	93	42149	19.99	ug/l	97
47) Bromodichloromethane	7.90	83	76890	19.72	ug/l	97
48) Methyl methacrylate	7.78	41	71699	19.55	ug/l	96
49) 1,4-Dioxane	7.76	88	29939	419.50	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	471040	105.75	ug/l	98
52) Toluene	8.79	92	154790	21.09	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	84042	19.03	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	77293	18.19	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	63608	21.09	ug/l	96
56) Ethyl methacrylate	9.18	69	89390	20.28	ug/l	96
57) 1,3-Dichloropropane	9.38	76	103802	20.96	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	232101	109.16	ug/l	97
59) 2-Hexanone	9.50	43	362420	107.06	ug/l	98
60) Dibromochloromethane	9.59	129	63406	19.97	ug/l	100
61) 1,2-Dibromoethane	9.68	107	65536	20.72	ug/l	99
64) Tetrachloroethene	9.34	164	80007	20.42	ug/l	99
65) Chlorobenzene	10.14	112	175927	19.65	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	64406	19.81	ug/l	100
67) Ethyl Benzene	10.26	91	291577	19.72	ug/l	100
68) m/p-Xylenes	10.37	106	224143	39.33	ug/l	100
69) o-Xylene	10.70	106	110212	19.86	ug/l	98
70) Styrene	10.71	104	182522	20.24	ug/l	99
71) Bromoform	10.86	173	49716	19.50	ug/l	99
73) Isopropylbenzene	11.02	105	295794	20.45	ug/l	100
74) N-amyl acetate	6.47	43	138521	19.58	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	92952	20.87	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	101010	25.94	ug/l	80
77) Bromobenzene	11.26	156	83545	20.29	ug/l	97
78) n-propylbenzene	11.37	91	330156	20.06	ug/l	99
79) 2-Chlorotoluene	11.43	91	200042	20.07	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	243836	20.02	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	19714	17.06	ug/l	93
82) 4-Chlorotoluene	11.51	91	238600	20.22	ug/l	100
83) tert-Butylbenzene	11.77	119	238354	19.86	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	253542	20.09	ug/l	98
85) sec-Butylbenzene	11.95	105	281575	19.34	ug/l	99
86) p-Isopropyltoluene	12.07	119	255515	19.52	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	148697	19.77	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	149995	19.38	ug/l	99
89) n-Butylbenzene	12.39	91	205352	18.02	ug/l	99
90) Hexachloroethane	12.60	117	34576	17.76	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	151939	20.01	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19493	19.47	ug/l	97

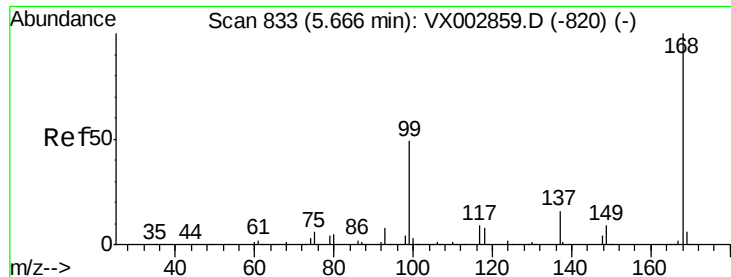
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	102554	18.56	ug/l	99
94) Hexachlorobutadiene	13.79	225	50700	18.40	ug/l	99
95) Naphthalene	13.83	128	302262	20.54	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	108090	19.59	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

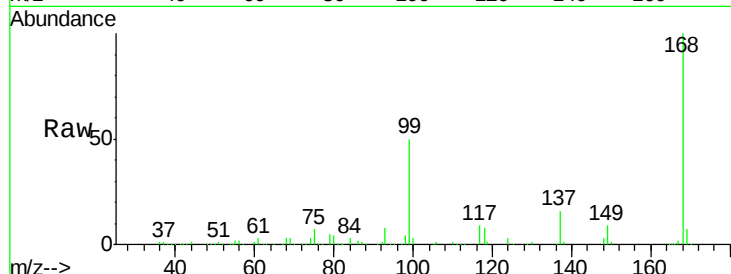
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 258978

Ion Ratio Lower Upper

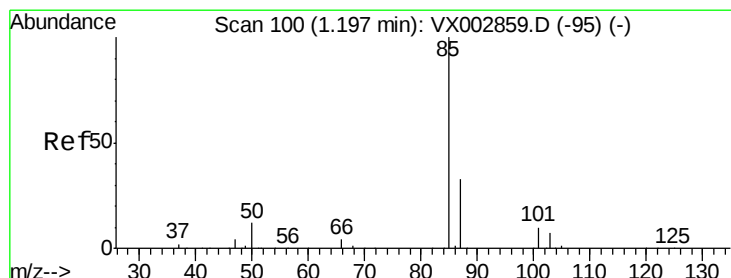
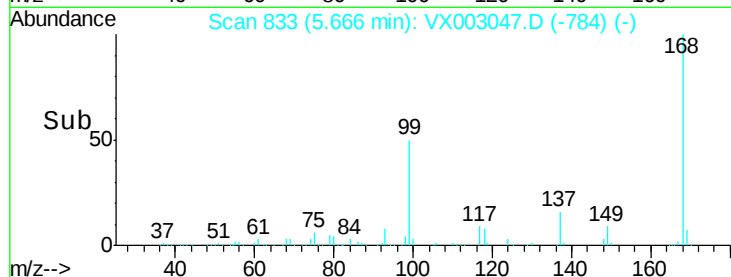
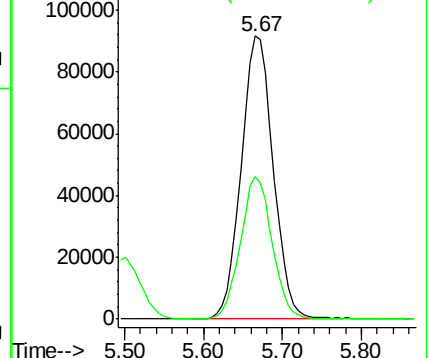
168 100

99 50.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 25.41 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003047.D

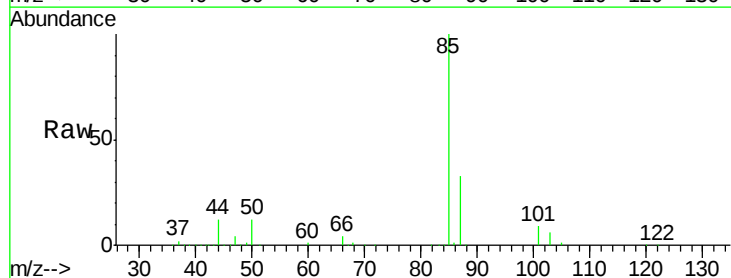
Acq: 29 Jun 2018 23:50

Tgt Ion: 85 Resp: 59104

Ion Ratio Lower Upper

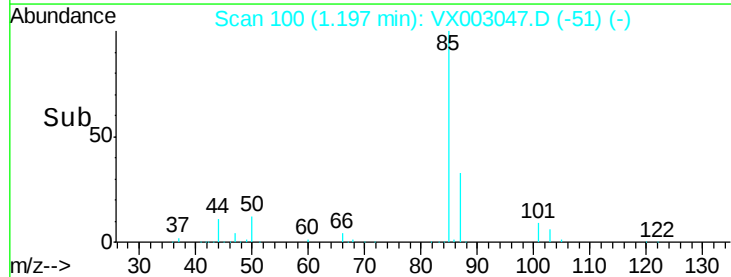
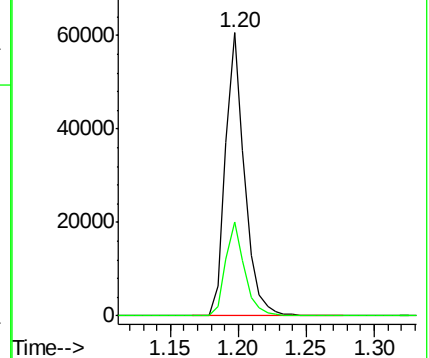
85 100

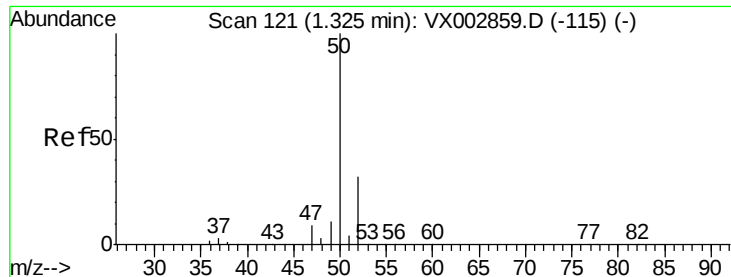
87 33.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 23.10 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

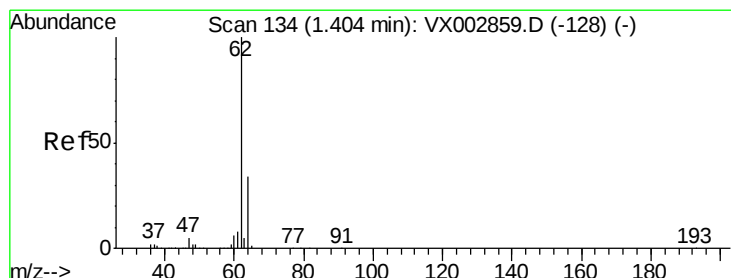
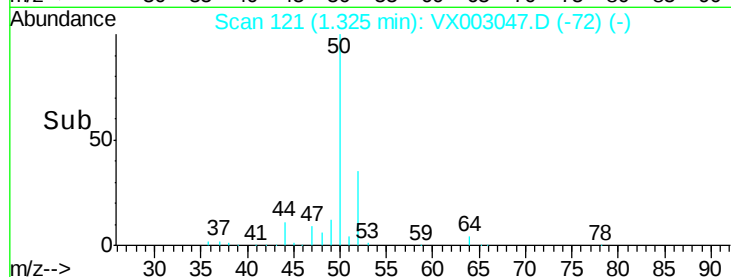
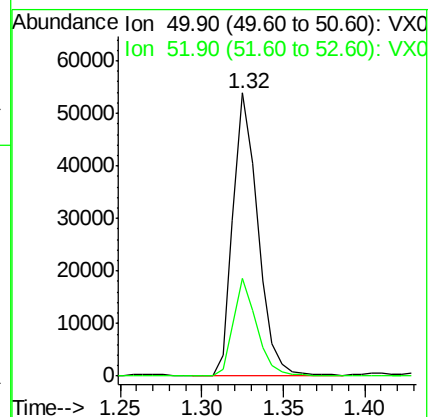
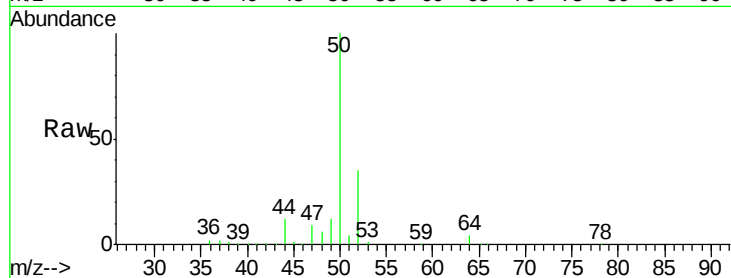
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 50 Resp: 56991

Ion Ratio Lower Upper

50 100

52 34.6 25.7 38.5



#4

Vinyl Chloride

Concen: 21.81 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003047.D

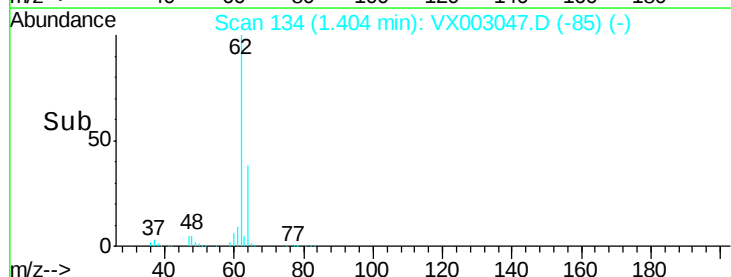
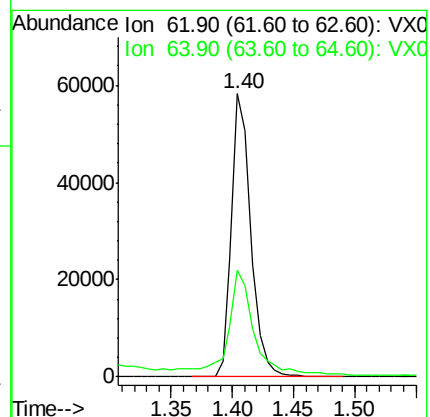
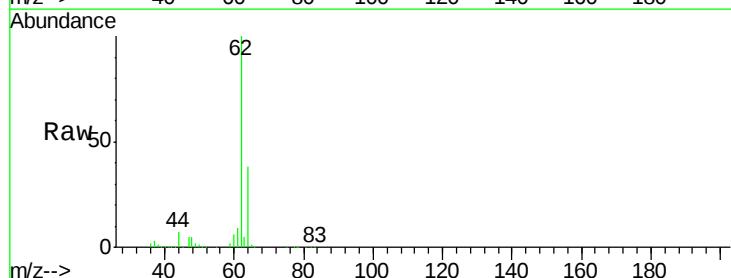
Acq: 29 Jun 2018 23:50

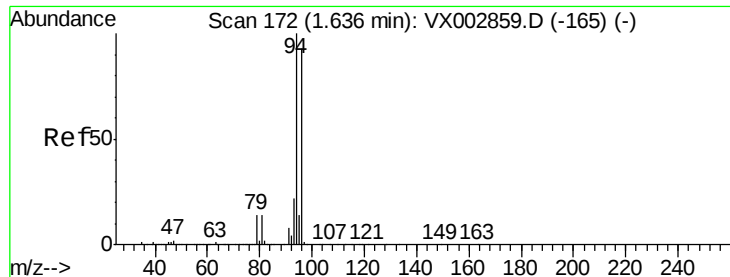
Tgt Ion: 62 Resp: 63890

Ion Ratio Lower Upper

62 100

64 36.8 25.4 38.2





#5

Bromomethane

Concen: 16.24 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

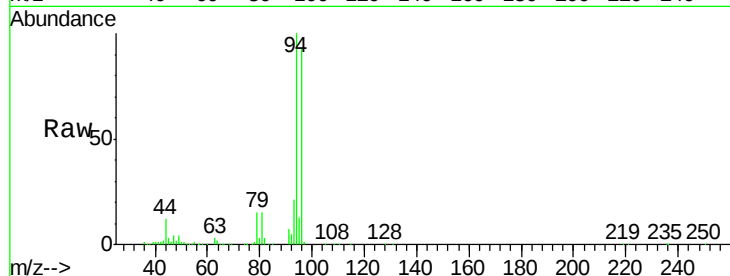
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 24712

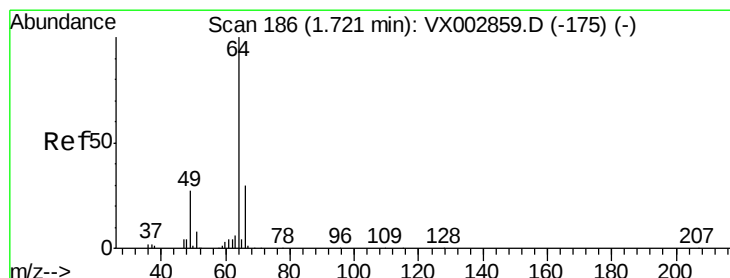
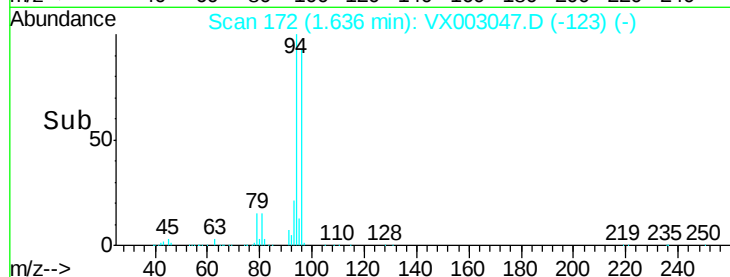
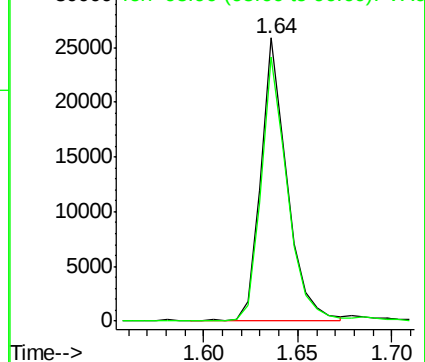
Ion Ratio Lower Upper

94 100

96 93.6 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0
Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.50 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX003047.D

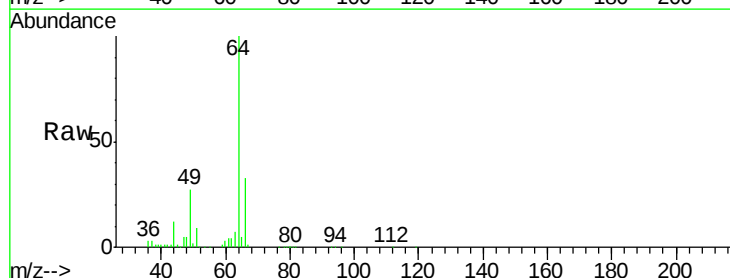
Acq: 29 Jun 2018 23:50

Tgt Ion: 64 Resp: 39021

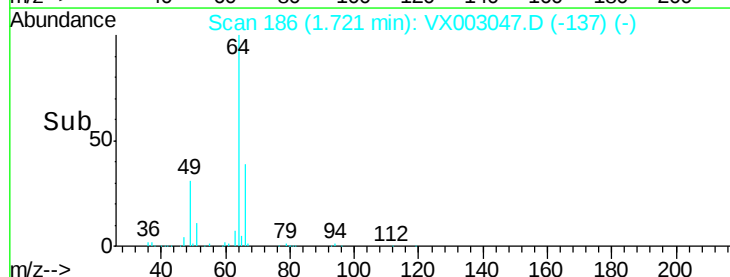
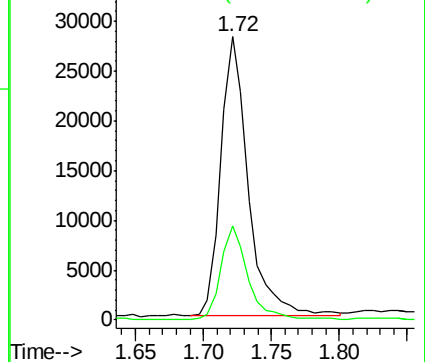
Ion Ratio Lower Upper

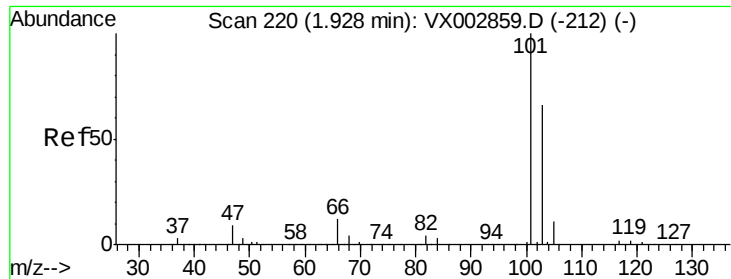
64 100

66 33.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0



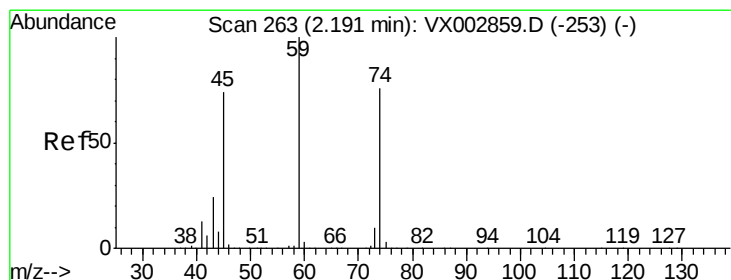
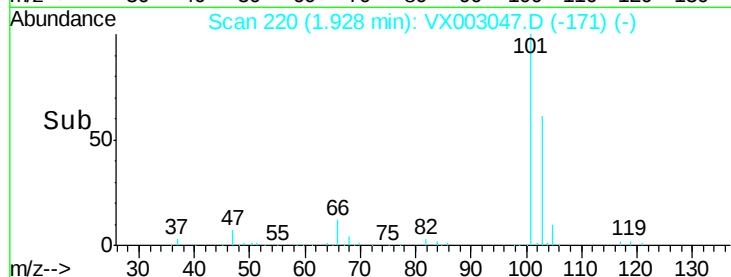
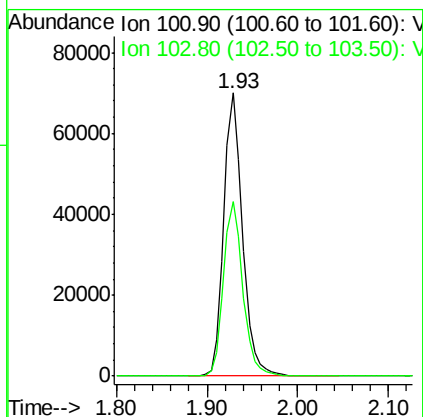
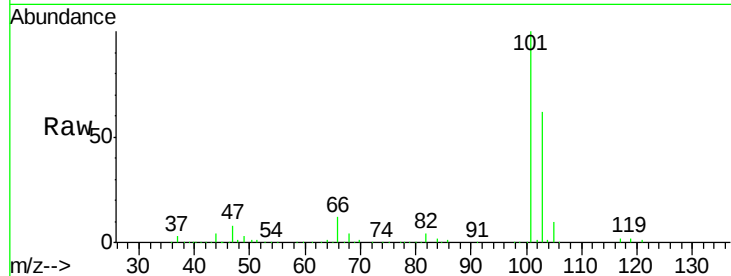


#7

Trichlorofluoromethane
Concen: 20.48 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Instrument :
MSVOA_X
ClientSampled :

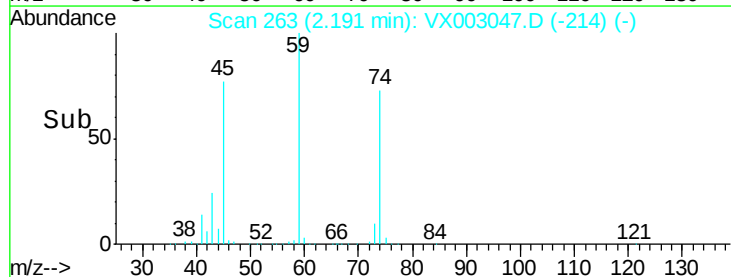
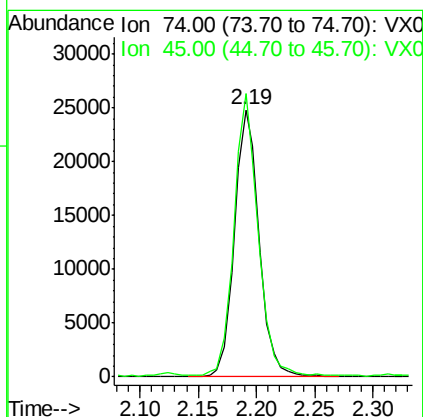
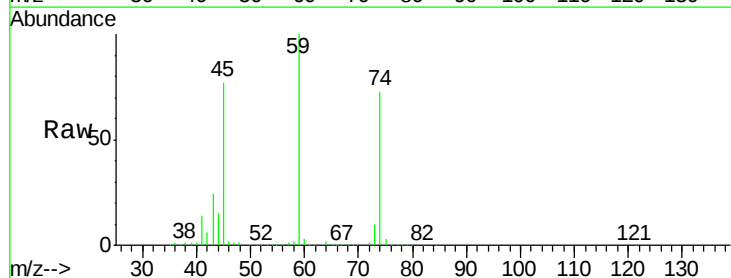
Tot Ion:101 Resp: 101173
Ion Ratio Lower Upper
101 100
103 61.5 52.8 79.2

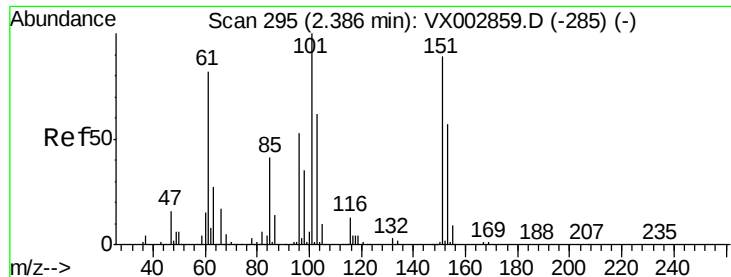


#8

Diethyl Ether
Concen: 20.40 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Tgt Ion: 74 Resp: 36638
Ion Ratio Lower Upper
74 100
45 102.3 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.90 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :

MSVOA_X

ClientSampleId :

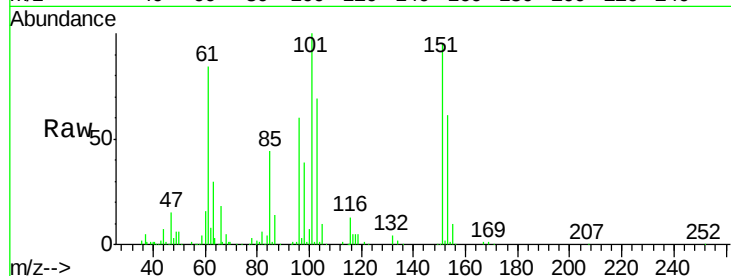
Tot Ion:101 Resp: 56952

Ion Ratio Lower Upper

101 100

85 44.1 36.0 54.0

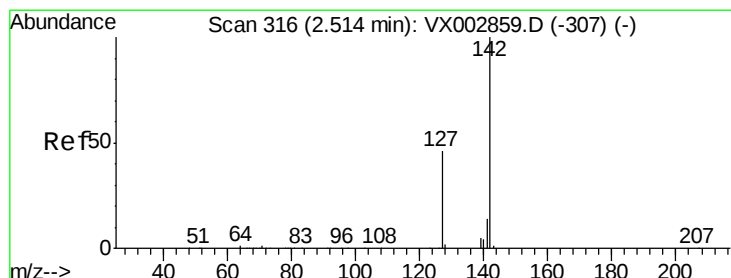
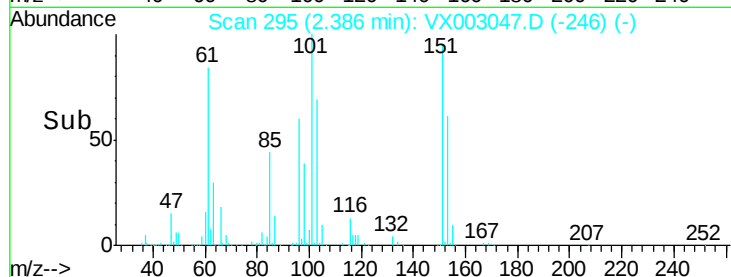
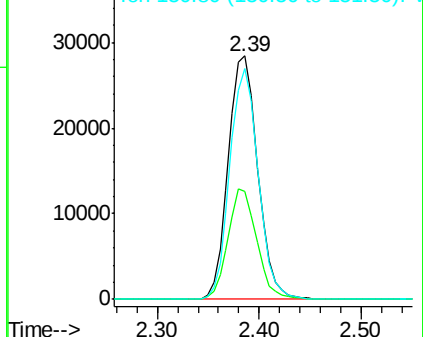
151 91.1 70.9 106.3



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: 20.59 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

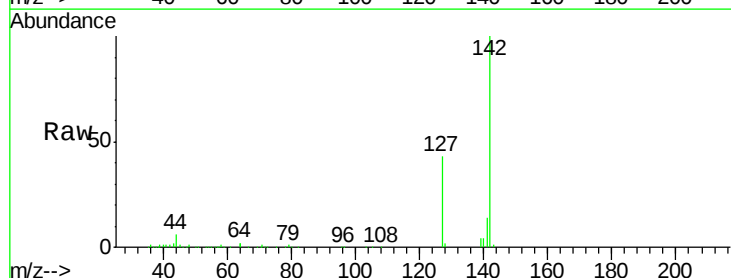
Tgt Ion:142 Resp: 47646

Ion Ratio Lower Upper

142 100

127 44.5 36.6 55.0

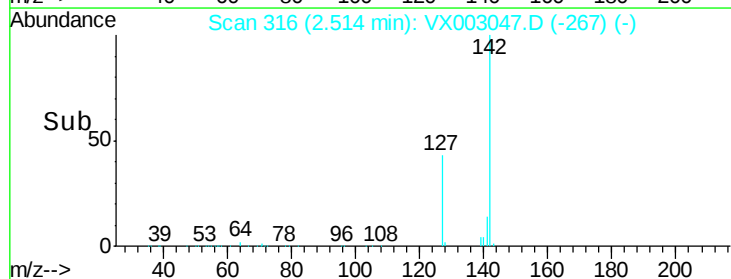
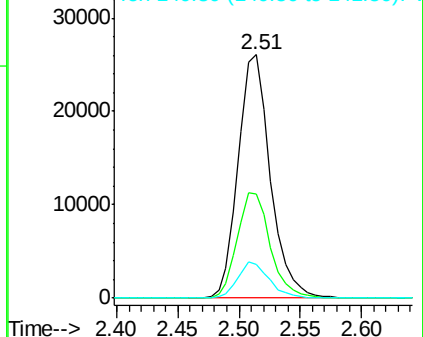
141 14.6 11.3 16.9

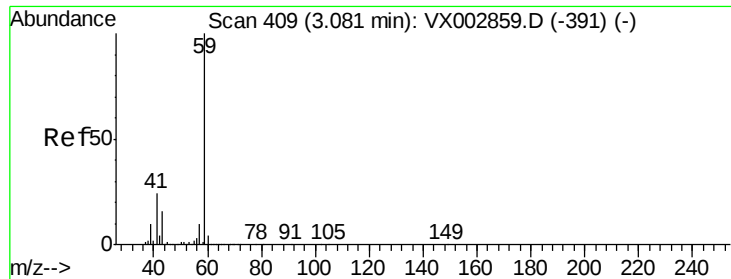


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



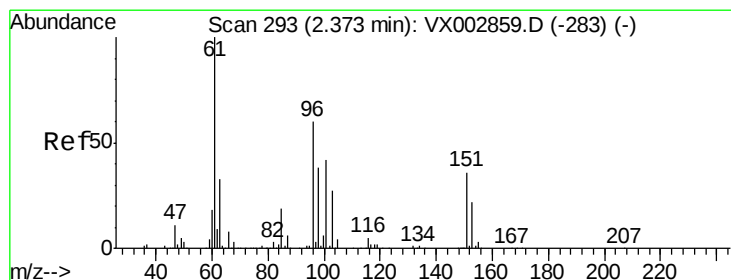
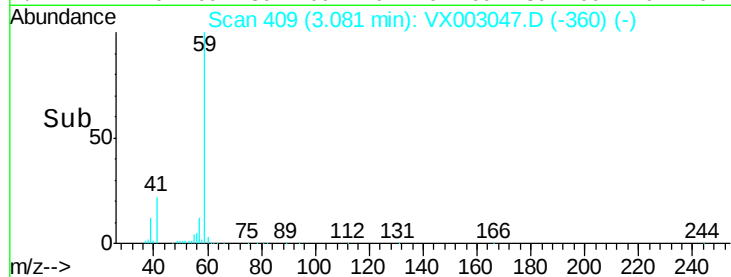
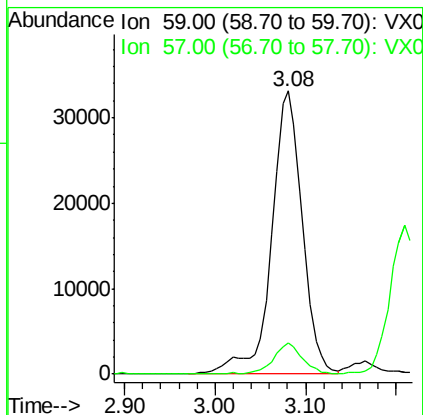
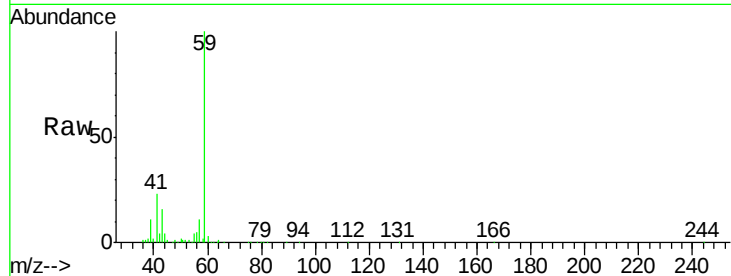


#11

Tert butyl alcohol
 Concen: 109.02 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VX003047.D
 Acq: 29 Jun 2018 23:50

Instrument :
 MSVOA_X
 ClientSampleId :

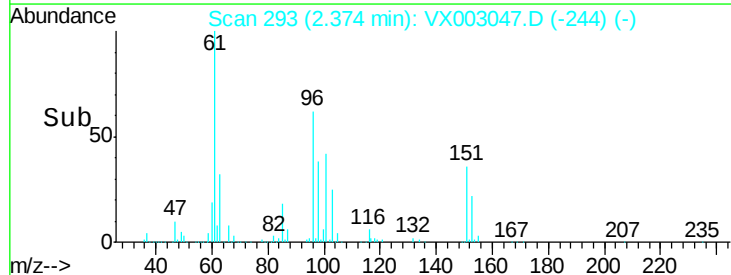
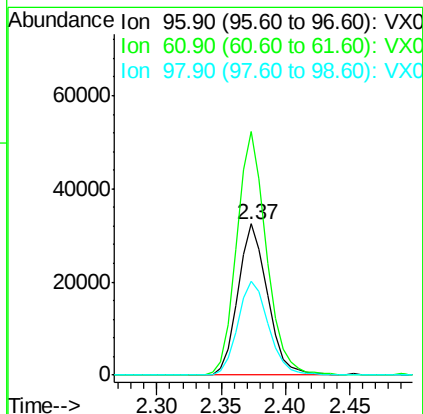
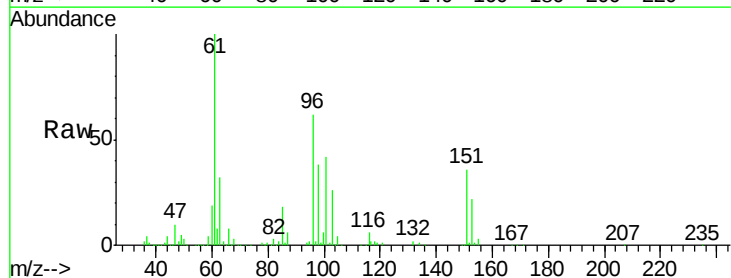
Tot Ion: 59 Resp: 77744
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.2



#12

1,1-Dichloroethene
 Concen: 20.13 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX003047.D
 Acq: 29 Jun 2018 23:50

Tgt Ion: 96 Resp: 51416
 Ion Ratio Lower Upper
 96 100
 61 161.3 137.9 206.9
 98 61.9 51.6 77.4





#13

Acrolein

Concen: 95.68 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :

MSVOA_X

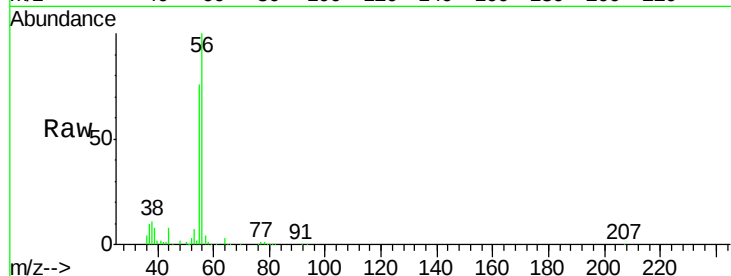
ClientSampled :

Tot Ion: 56 Resp: 36775

Ion Ratio Lower Upper

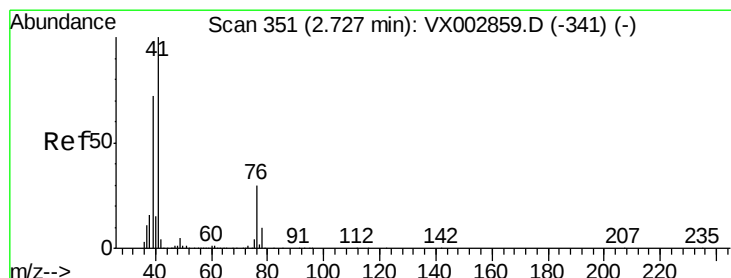
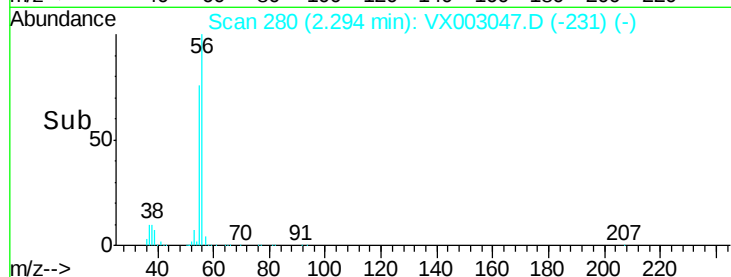
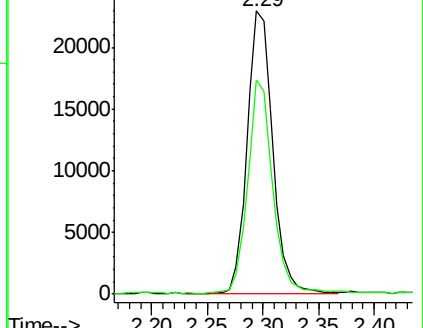
56 100

55 73.9 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.99 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

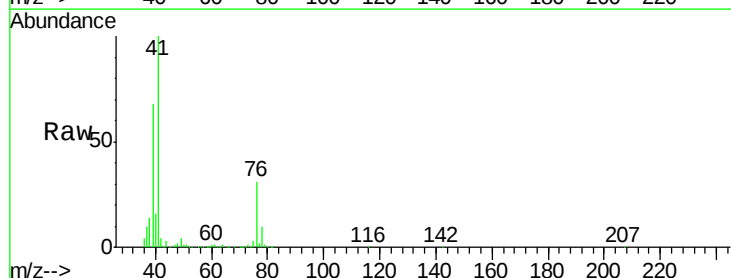
Tgt Ion: 41 Resp: 100639

Ion Ratio Lower Upper

41 100

39 65.5 56.8 85.2

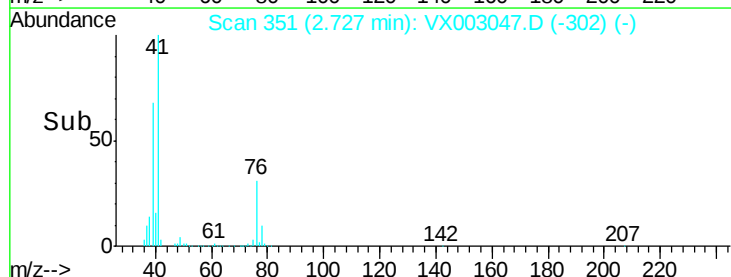
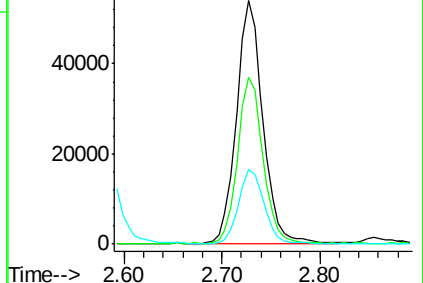
76 29.9 23.8 35.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 106.80 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :
MSVOA_X
ClientSampled :

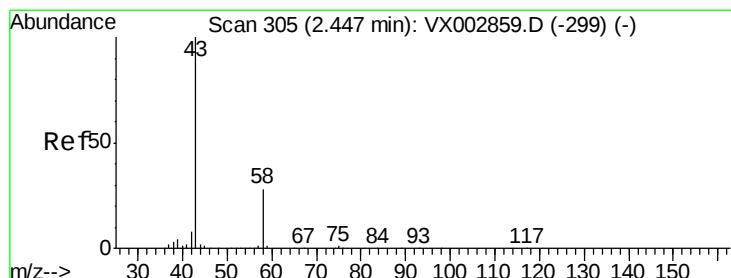
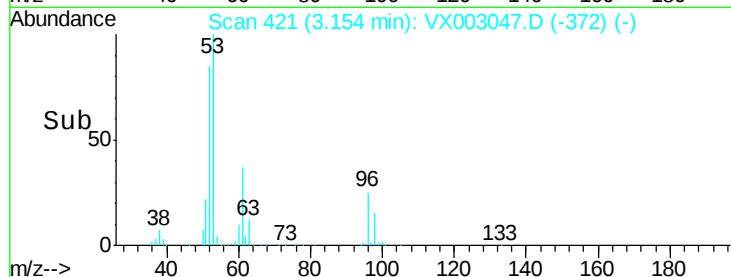
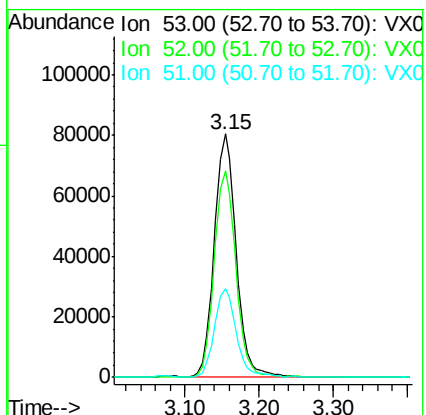
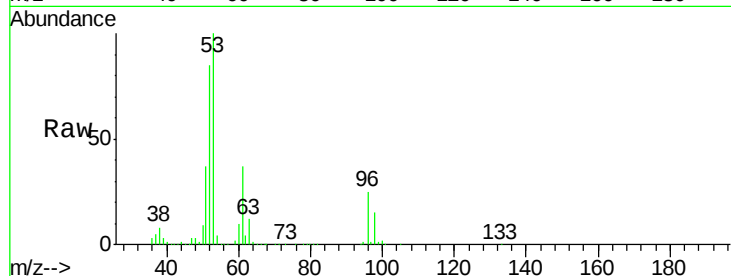
Tot Ion: 53 Resp: 162664

Ion Ratio Lower Upper

53 100

52 83.9 66.7 100.1

51 36.2 29.9 44.9



#16

Acetone

Concen: 101.25 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003047.D

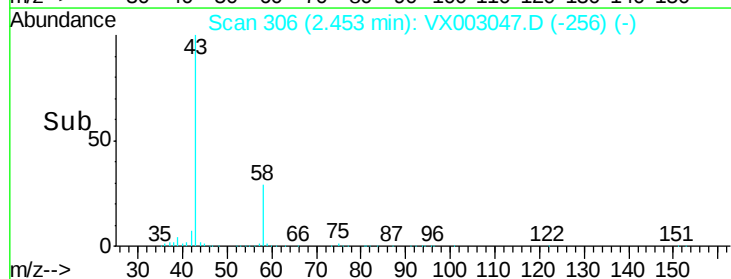
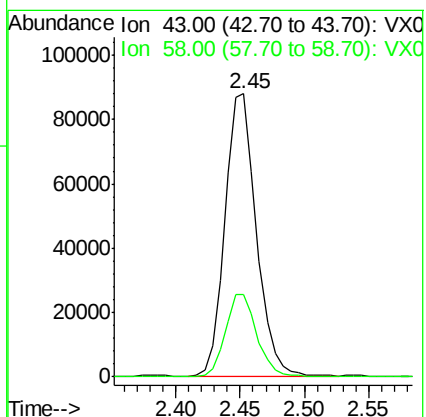
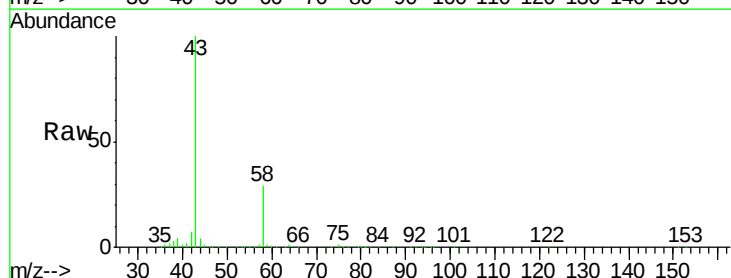
Acq: 29 Jun 2018 23:50

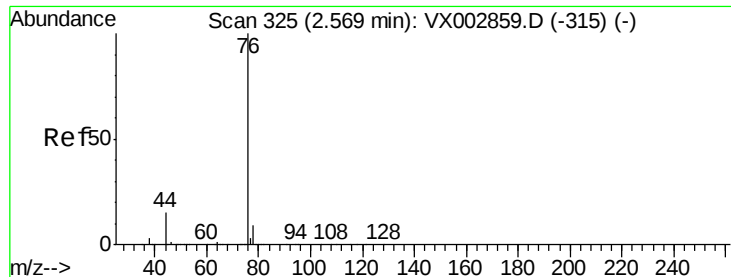
Tgt Ion: 43 Resp: 150091

Ion Ratio Lower Upper

43 100

58 28.9 22.1 33.1

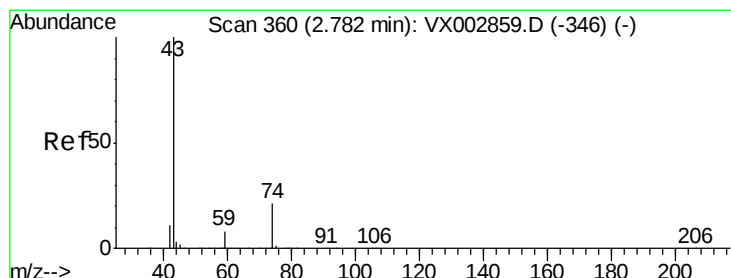
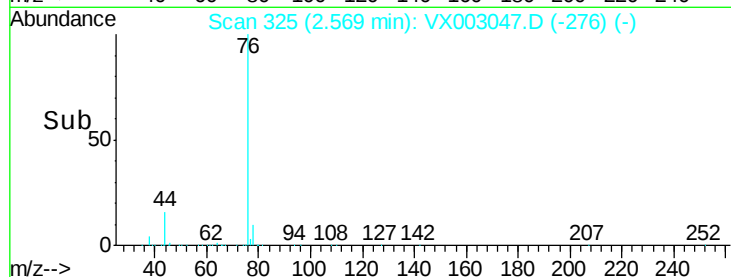
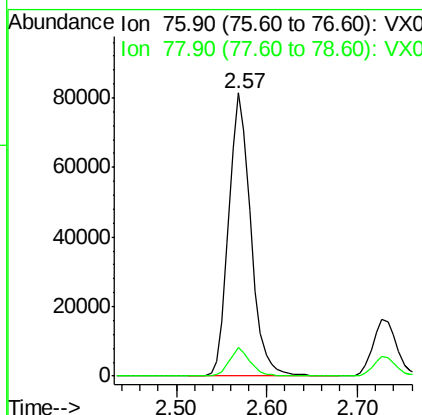
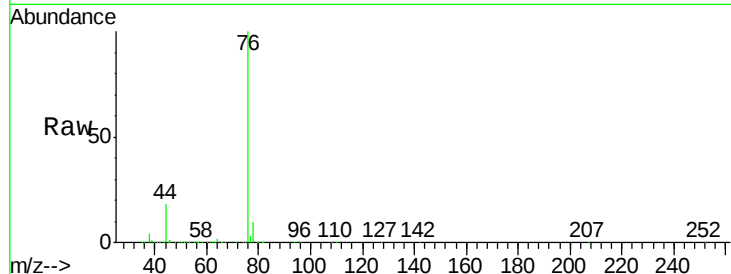




#17
Carbon Disulfide
Concen: 20.32 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

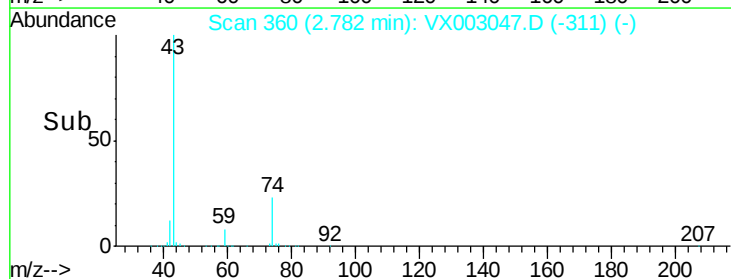
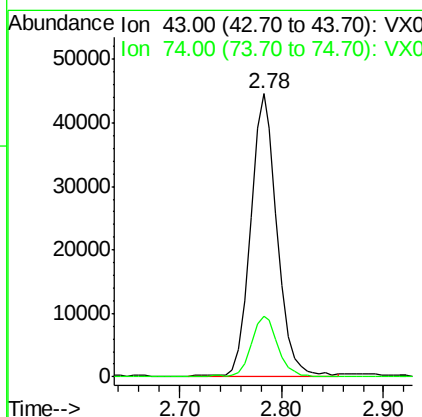
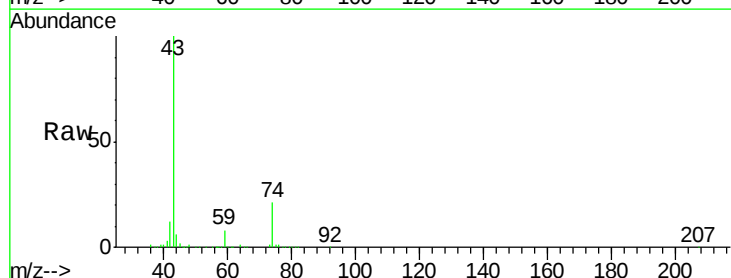
Instrument :
MSVOA_X
ClientSampleId :

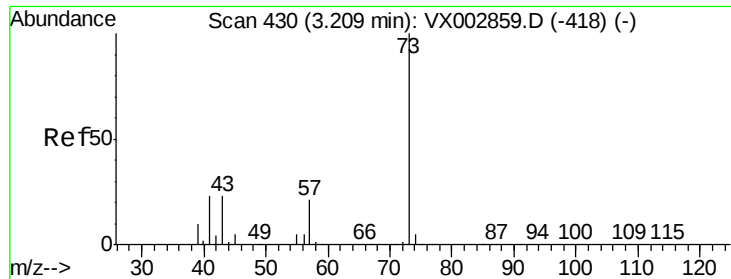
Tot Ion: 76 Resp: 138272
Ion Ratio Lower Upper
76 100
78 9.9 6.9 10.3



#18
Methyl Acetate
Concen: 19.23 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Tgt Ion: 43 Resp: 79691
Ion Ratio Lower Upper
43 100
74 22.1 16.7 25.1

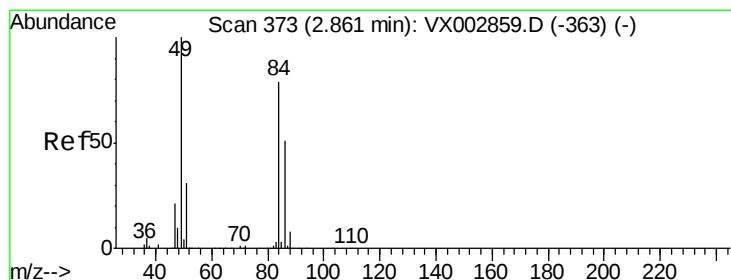
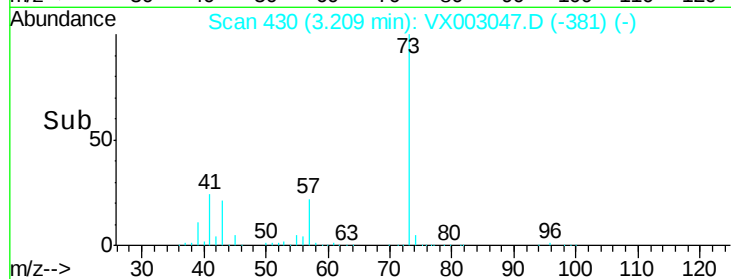
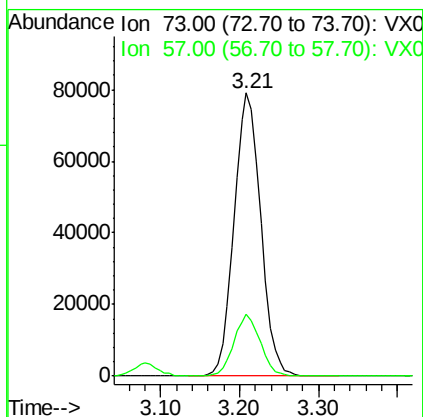
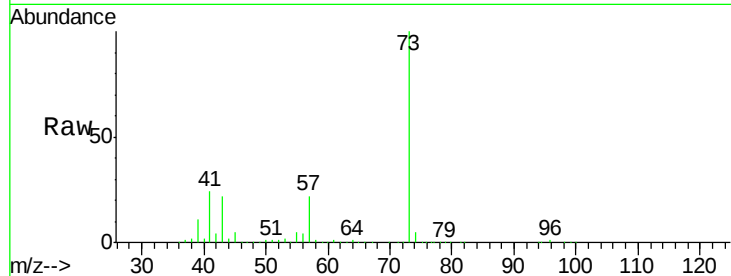




#19
Methvl tert-butvl Ether
Concen: 20.24 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

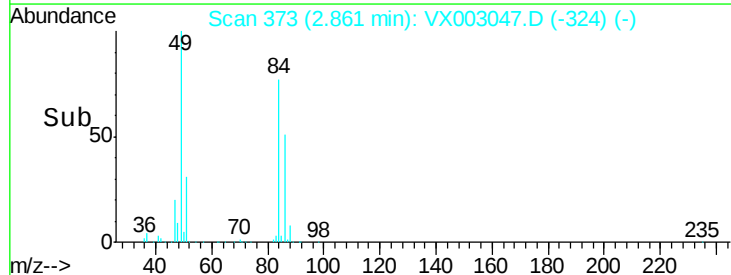
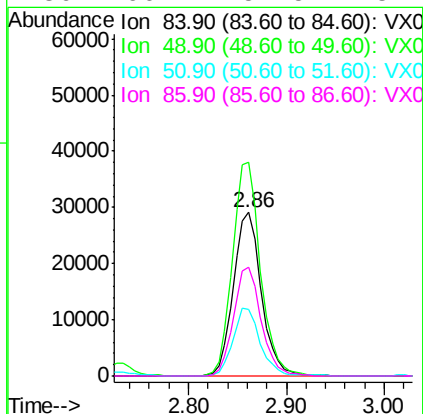
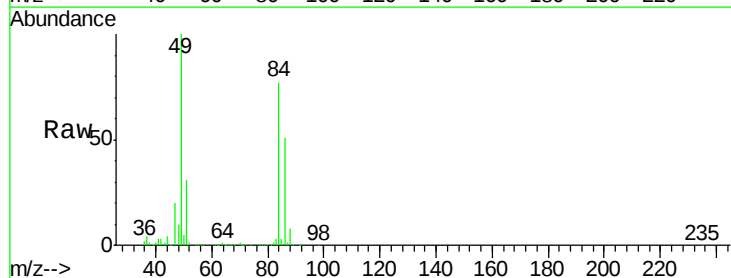
Instrument :
MSVOA_X
ClientSampleId :

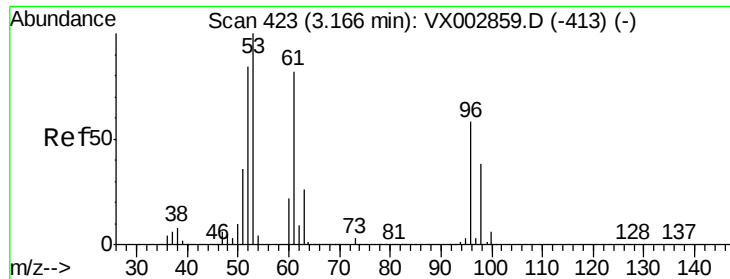
Tot Ion: 73 Resp: 185890
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5



#20
Methylene Chloride
Concen: 20.06 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Tgt Ion: 84 Resp: 57860
Ion Ratio Lower Upper
84 100
49 130.2 107.8 161.6
51 40.2 32.8 49.2
86 66.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 20.00 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :
MSVOA_X
ClientSampled :

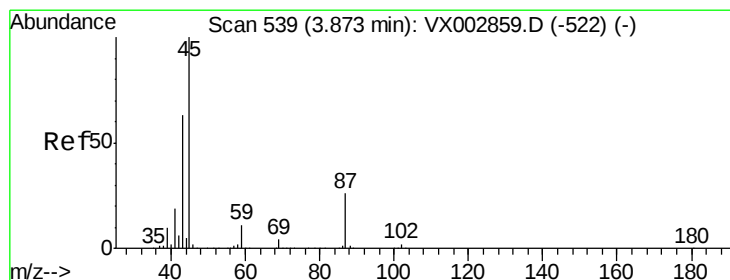
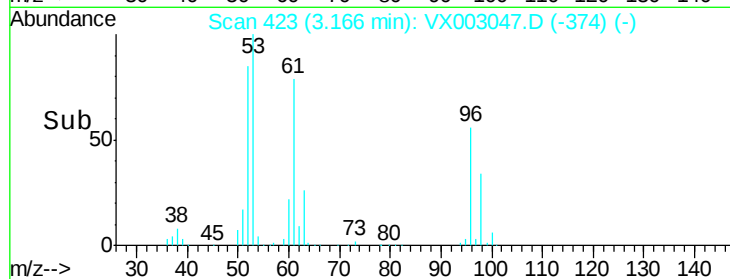
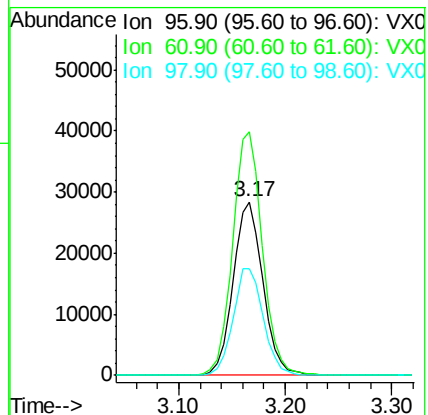
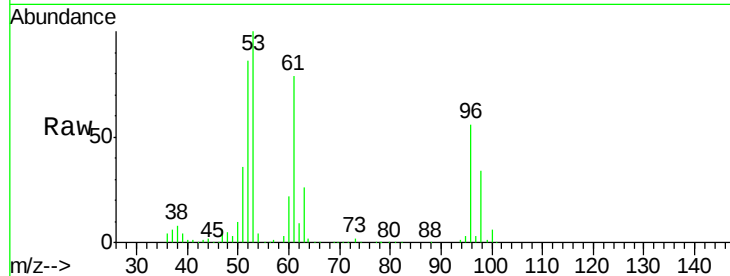
Tot Ion: 96 Resp: 55645

Ion Ratio Lower Upper

96 100

61 140.0 117.0 175.4

98 61.4 52.4 78.6



#22

Diisopropyl ether

Concen: 20.17 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Tgt Ion: 45 Resp: 194108

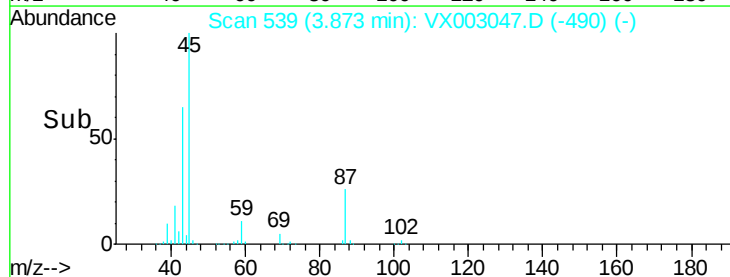
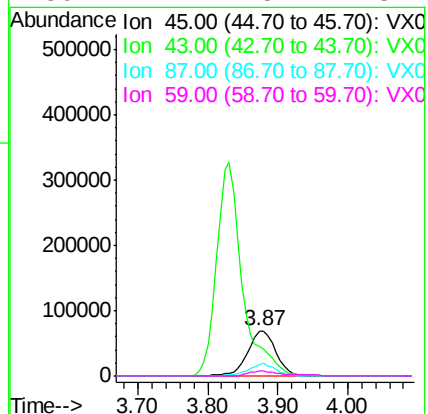
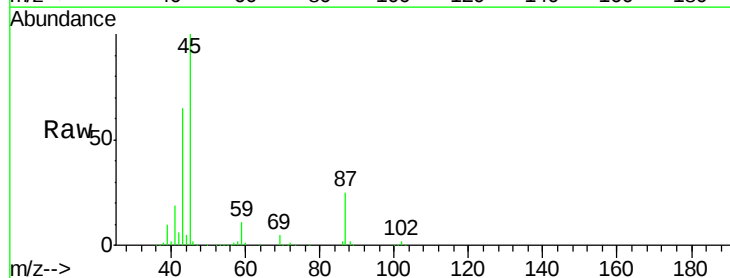
Ion Ratio Lower Upper

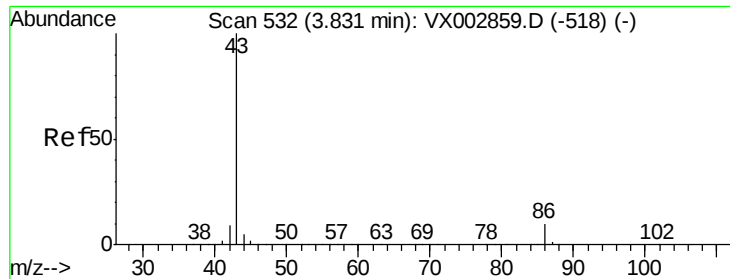
45 100

43 64.9 46.8 70.2

87 25.5 20.2 30.4

59 11.2 8.7 13.1





#23

Vinyl Acetate

Concen: 102.85 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

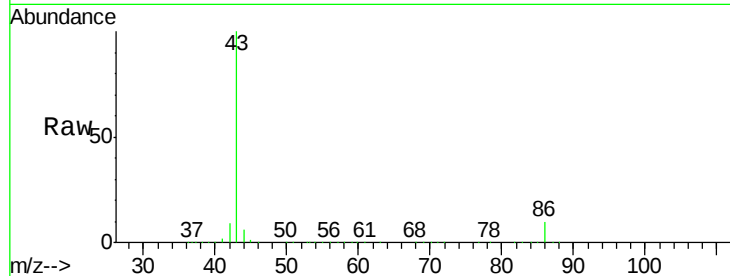
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 838155

Ion Ratio Lower Upper

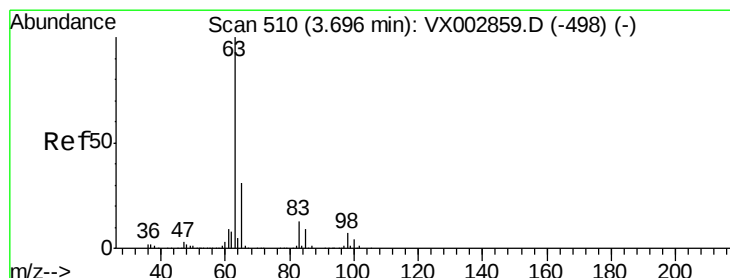
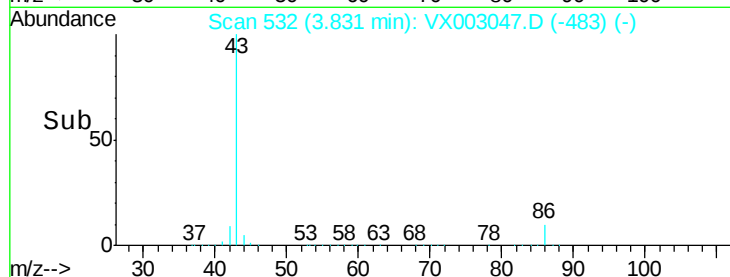
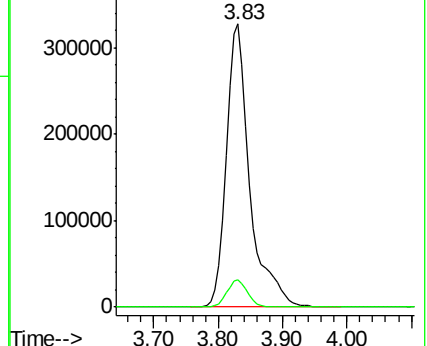
43 100

86 9.8 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.29 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

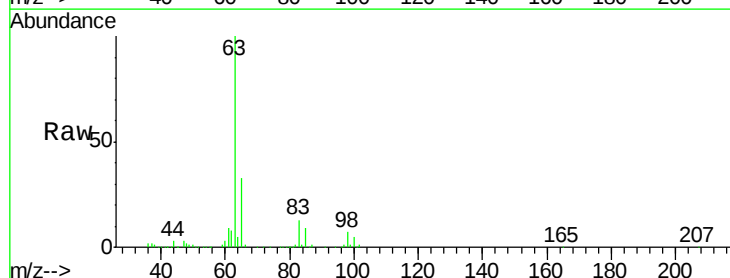
Tgt Ion: 63 Resp: 106107

Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

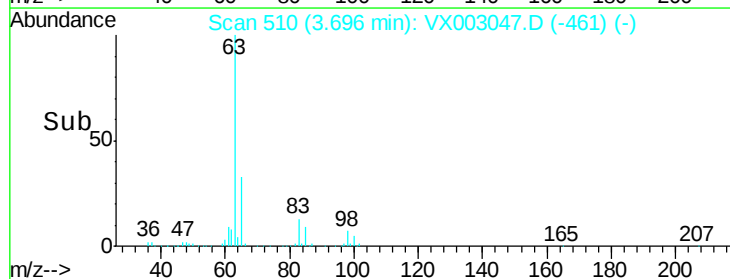
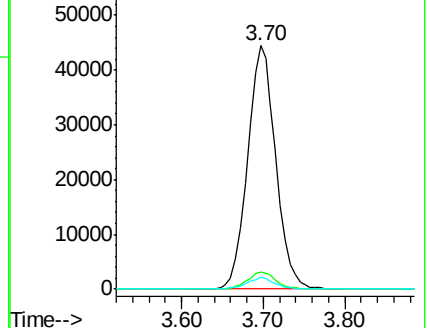
100 5.1 2.0 6.0

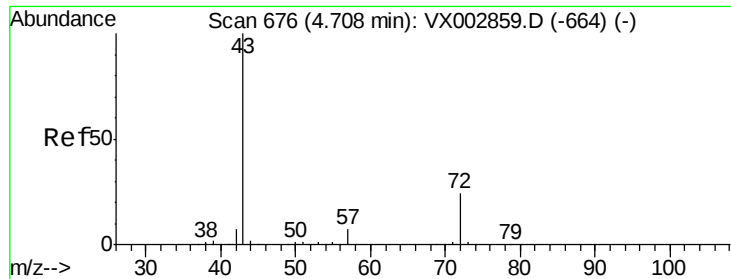


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 105.92 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :

MSVOA_X

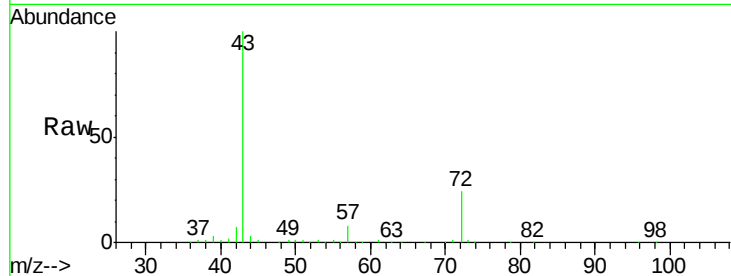
ClientSampled :

Tot Ion: 43 Resp: 233034

Ion Ratio Lower Upper

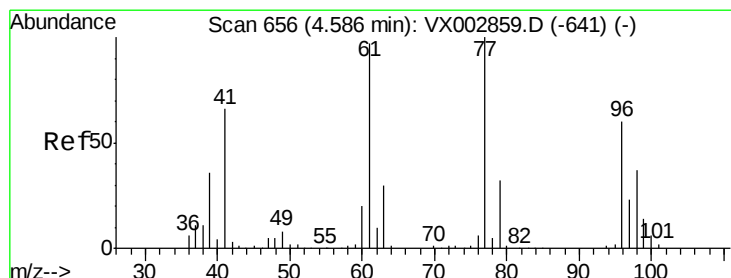
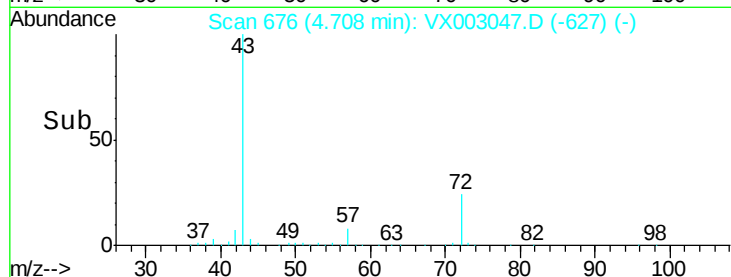
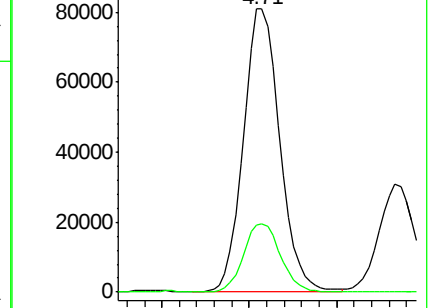
43 100

72 23.8 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 13.55 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003047.D

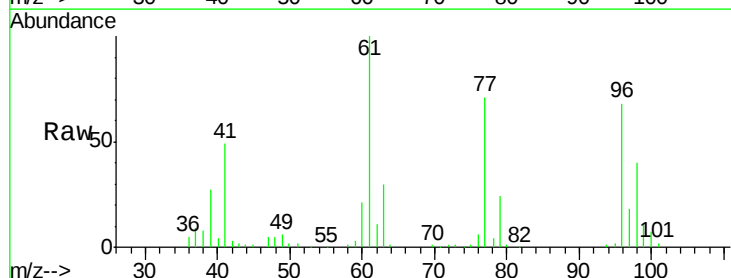
Acq: 29 Jun 2018 23:50

Tgt Ion: 77 Resp: 57632

Ion Ratio Lower Upper

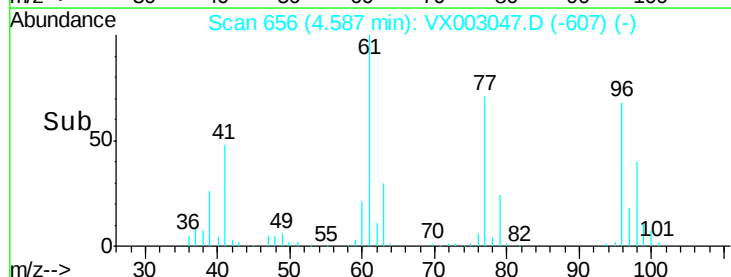
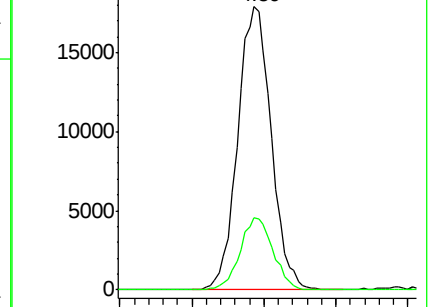
77 100

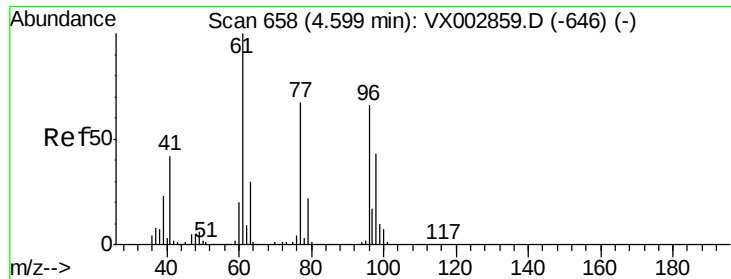
97 24.9 11.2 33.5



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: 20.16 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :

MSVOA_X

ClientSampleId :

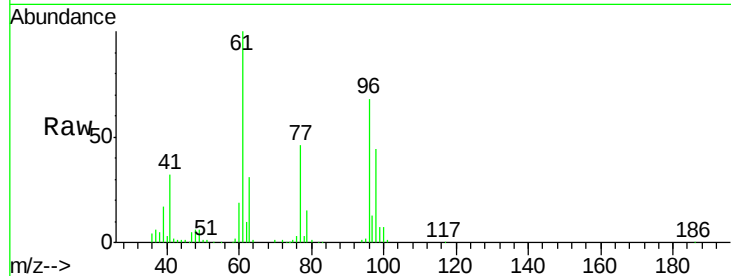
Tot Ion: 96 Resp: 62881

Ion Ratio Lower Upper

96 100

61 158.3 0.0 330.2

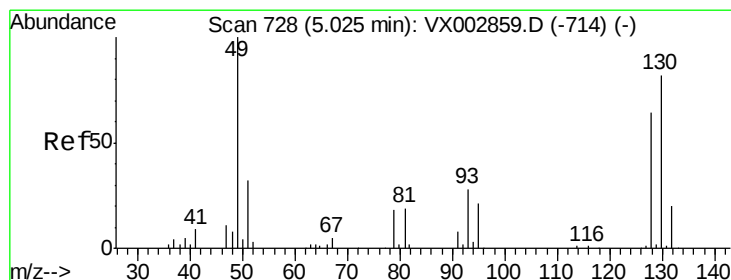
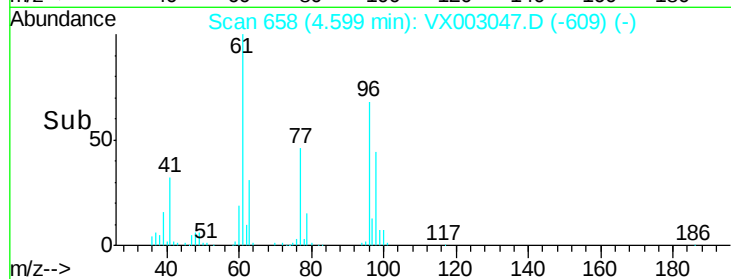
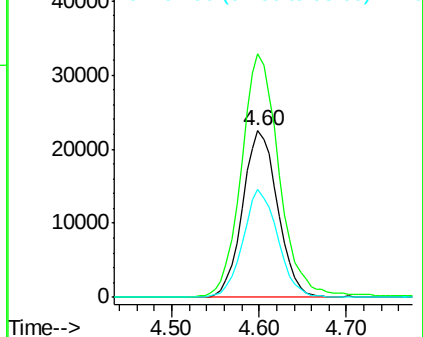
98 64.0 0.0 130.2



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: 19.96 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

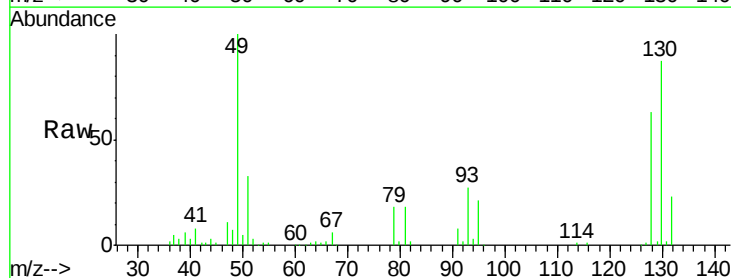
Tgt Ion: 49 Resp: 49974

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

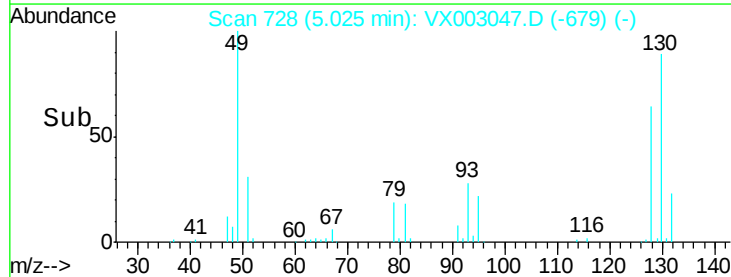
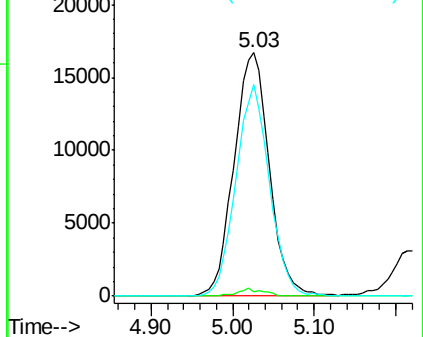
130 82.7 61.2 91.8

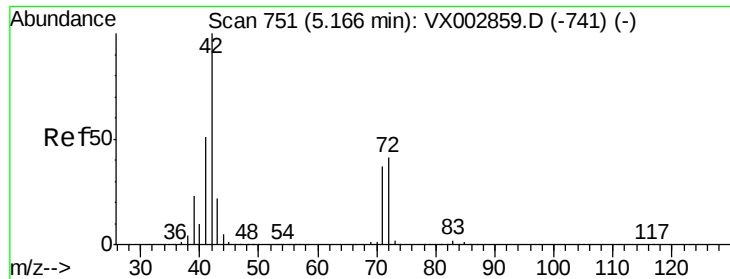


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 105.49 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :

MSVOA_X

ClientSampleId :

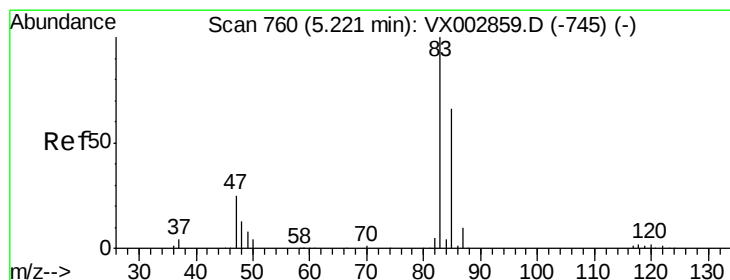
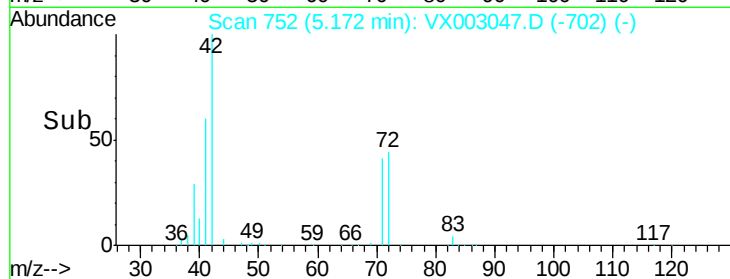
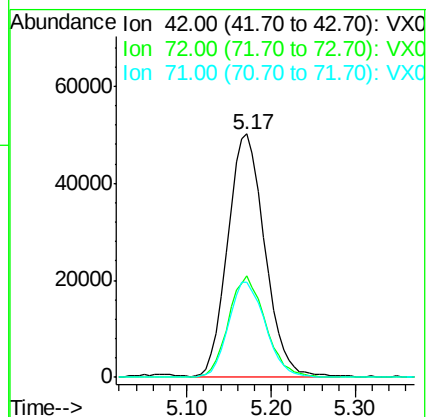
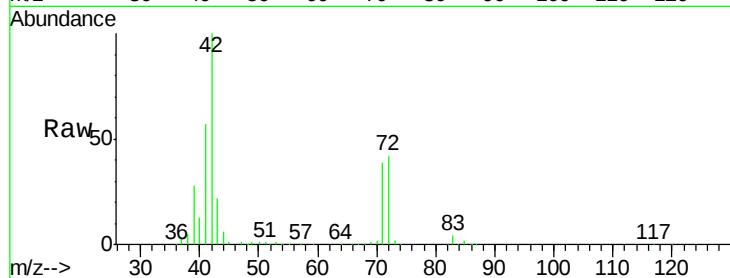
Tot Ion: 42 Resp: 148830

Ion Ratio Lower Upper

42 100

72 41.9 32.0 48.0

71 39.5 30.1 45.1



#30

Chloroform

Concen: 20.17 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX003047.D

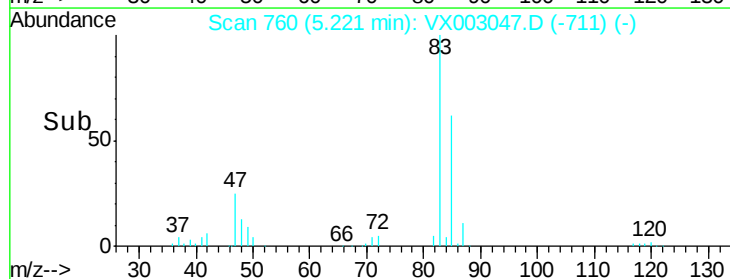
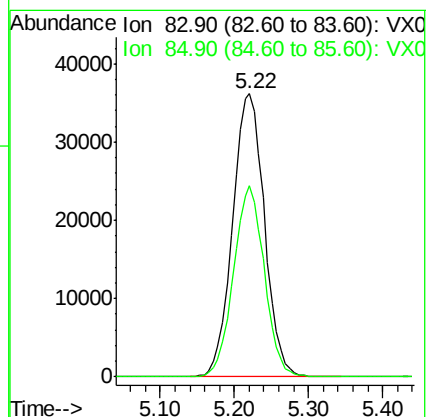
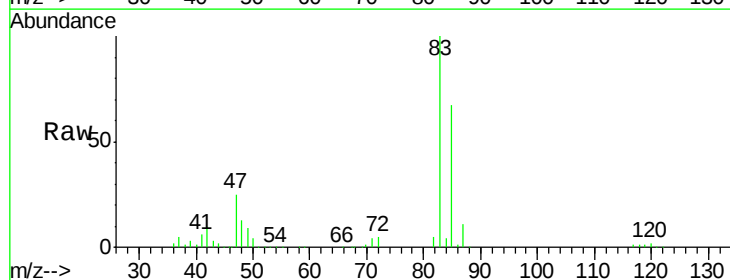
Acq: 29 Jun 2018 23:50

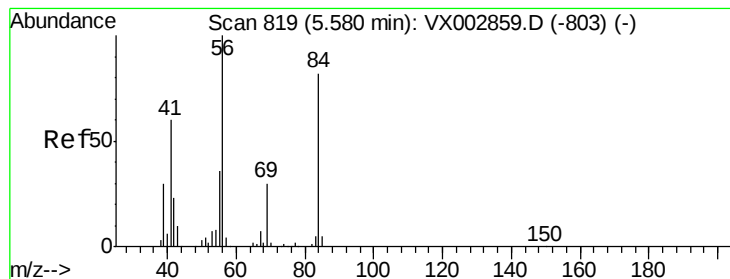
Tgt Ion: 83 Resp: 108288

Ion Ratio Lower Upper

83 100

85 67.4 50.4 75.6





#31

Cyclohexane

Concen: 19.77 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :
MSVOA_X
ClientSampled :

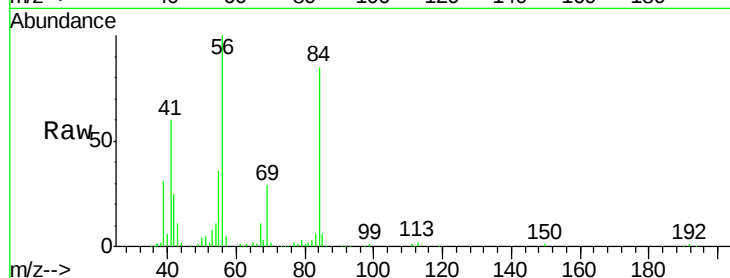
Tot Ion: 56 Resp: 88757

Ion Ratio Lower Upper

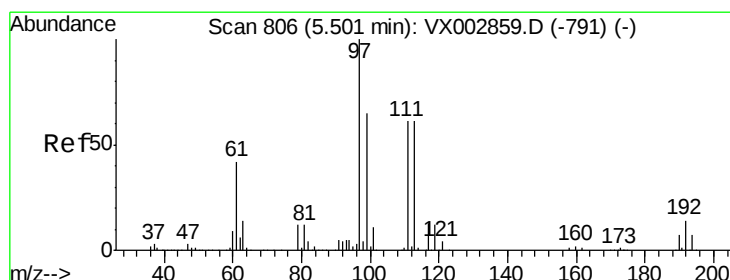
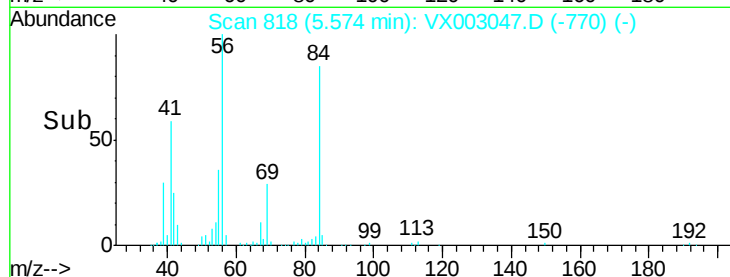
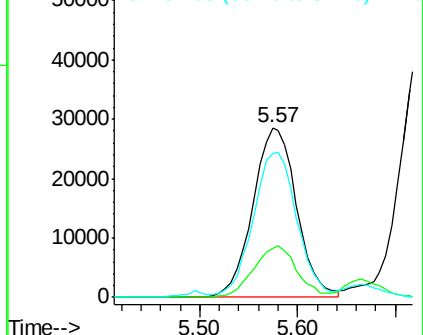
56 100

69 28.7 23.7 35.5

84 82.8 64.1 96.1



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



#32

1,1,1-Trichloroethane

Concen: 20.35 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

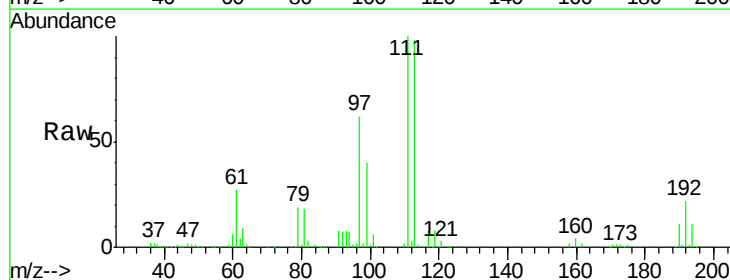
Tgt Ion: 97 Resp: 96135

Ion Ratio Lower Upper

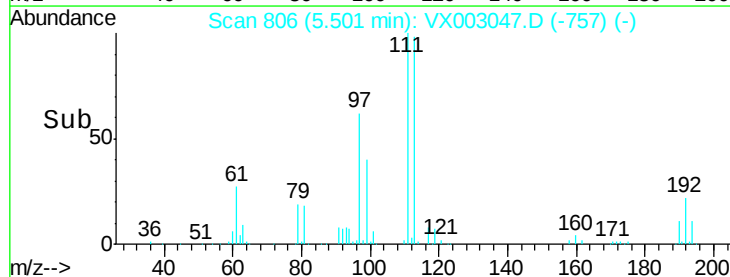
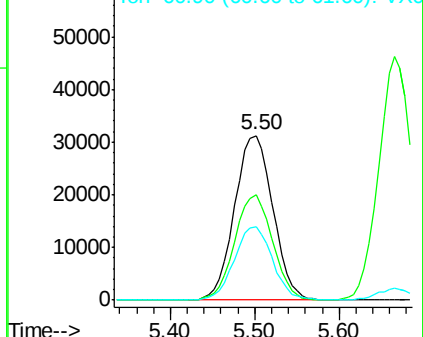
97 100

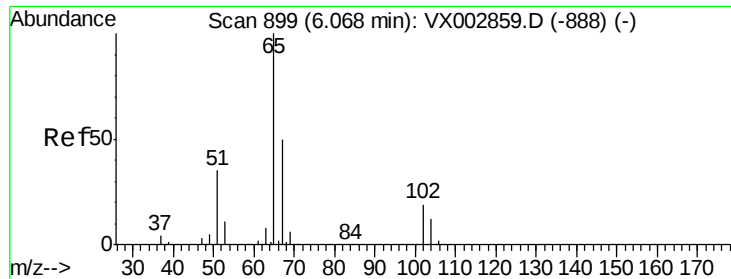
99 63.6 51.6 77.4

61 44.4 36.4 54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 50.59 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :

MSVOA_X

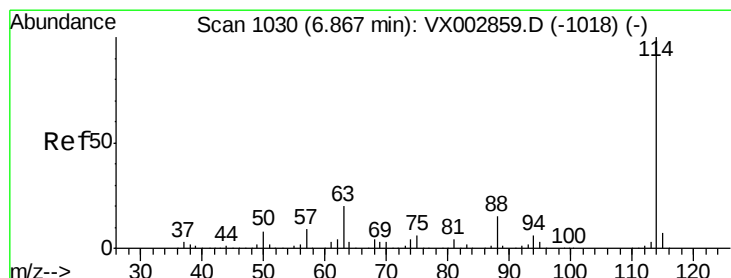
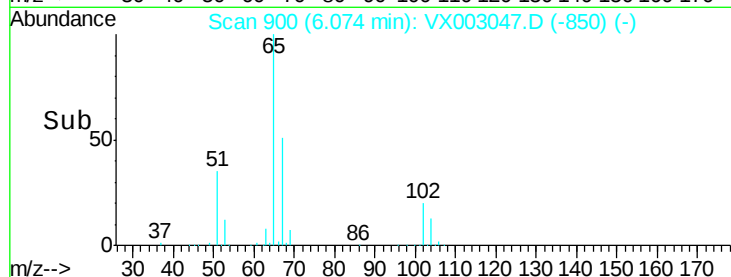
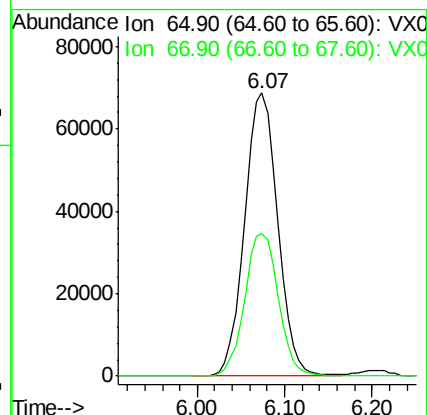
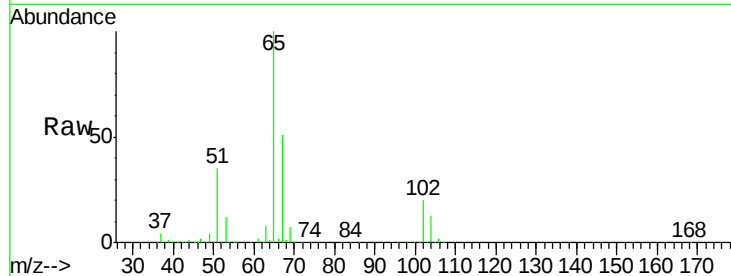
ClientSampleId :

Tot Ion: 65 Resp: 181091

Ion Ratio Lower Upper

65 100

67 51.4 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

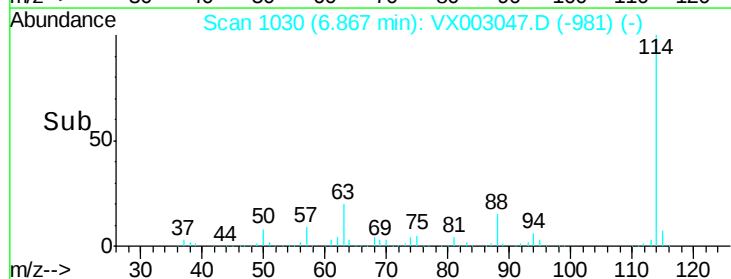
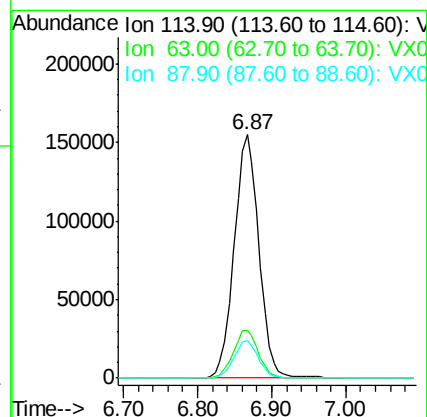
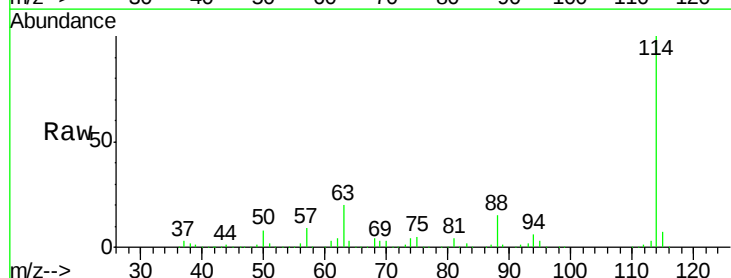
Tgt Ion: 114 Resp: 359515

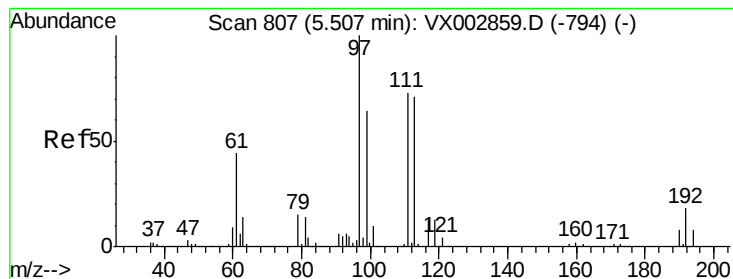
Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.4

88 15.5 0.0 30.0





#35

Dibromofluoromethane

Concen: 52.06 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :

MSVOA_X

ClientSampleId :

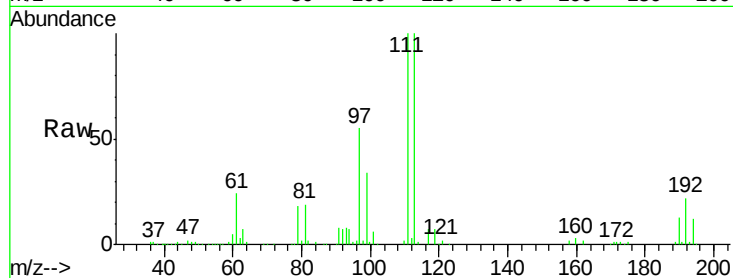
Tot Ion:113 Resp: 148216

Ion Ratio Lower Upper

113 100

111 101.2 81.4 122.0

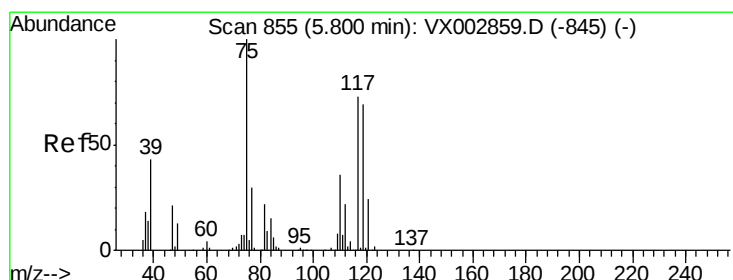
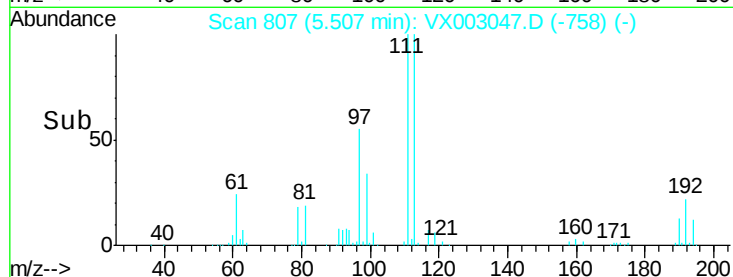
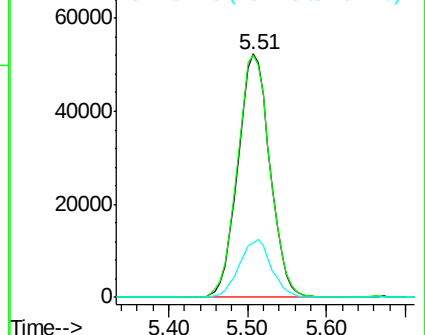
192 23.7 19.1 28.7



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: 19.55 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

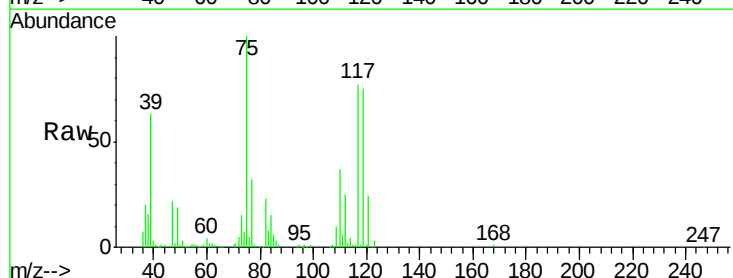
Tgt Ion: 75 Resp: 77058

Ion Ratio Lower Upper

75 100

110 37.0 18.1 54.4

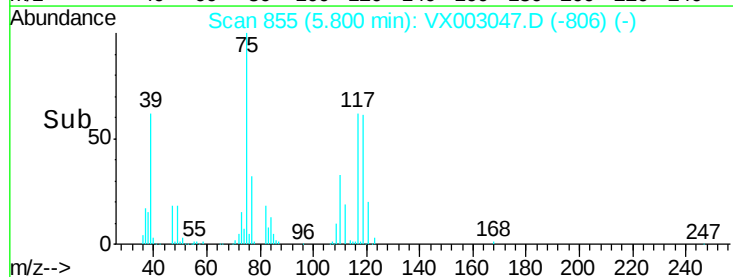
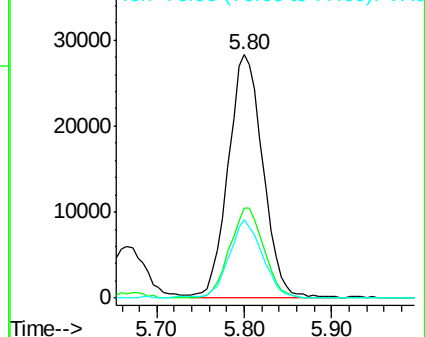
77 31.3 24.3 36.5

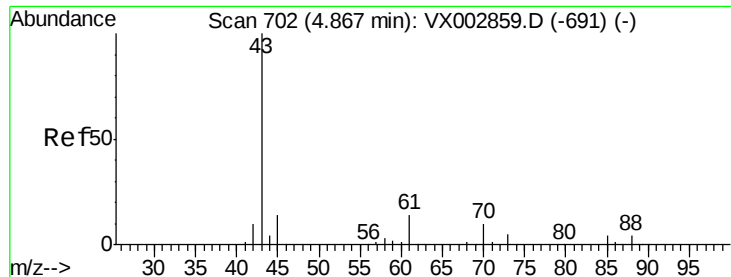


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

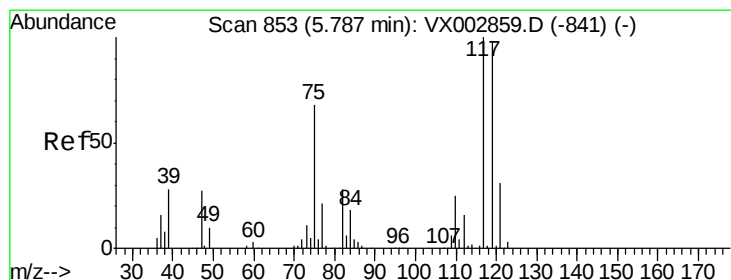
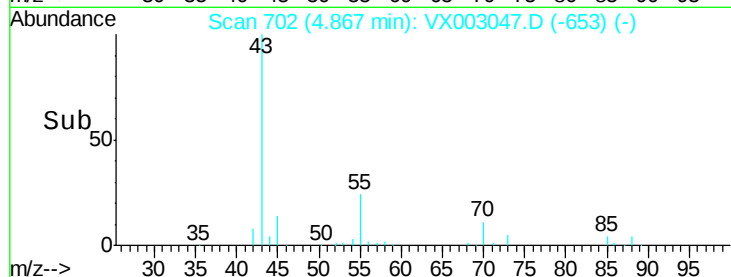
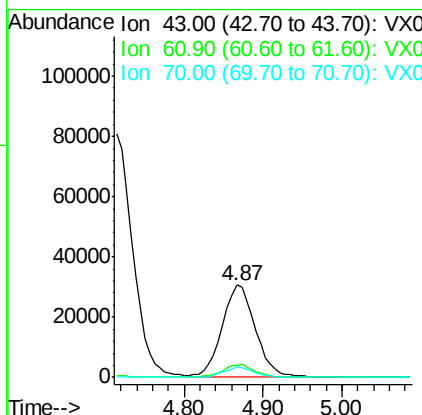
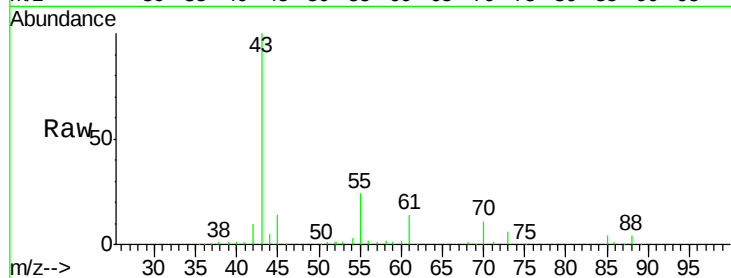




#37
Ethyl Acetate
Concen: 21.04 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

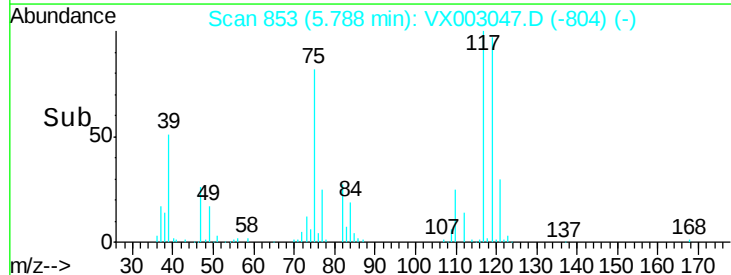
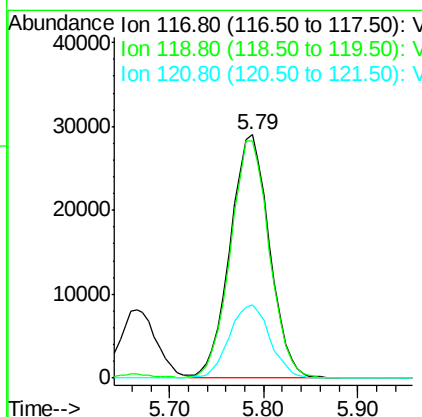
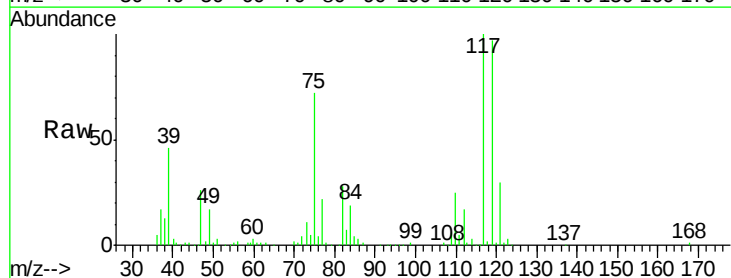
Instrument :
MSVOA_X
ClientSampled :

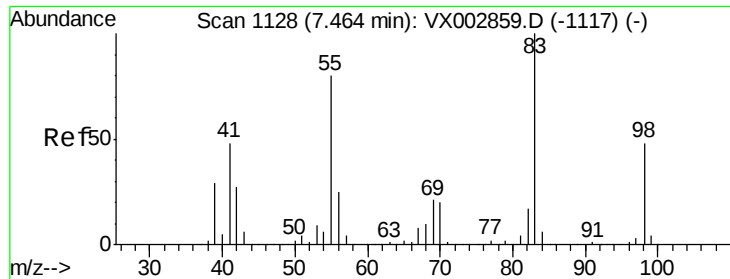
Tot Ion: 43 Resp: 89302
Ion Ratio Lower Upper
43 100
61 13.4 10.4 15.6
70 10.5 7.6 11.4



#38
Carbon Tetrachloride
Concen: 19.56 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Tgt Ion: 117 Resp: 84611
Ion Ratio Lower Upper
117 100
119 97.3 77.4 116.0
121 30.0 24.4 36.6

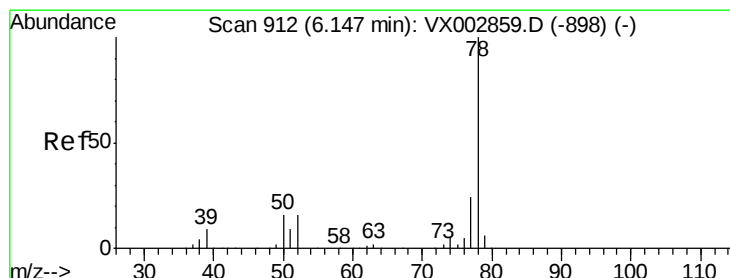
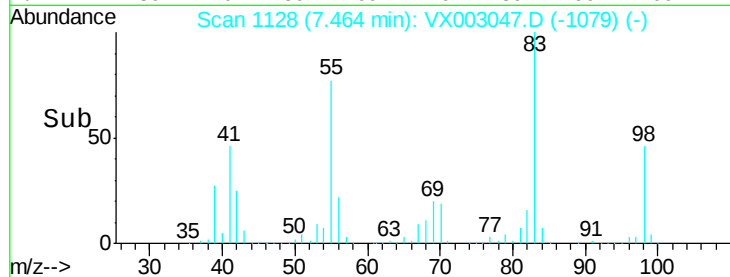
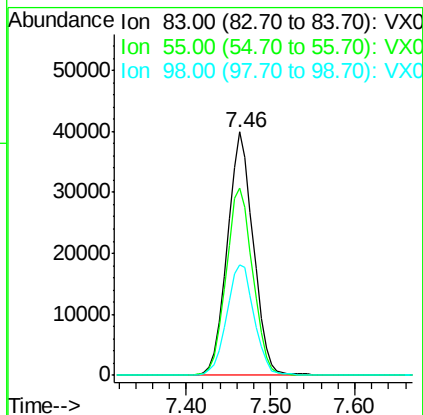
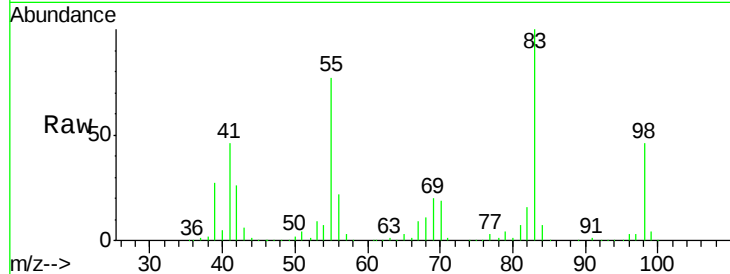




#39
Methvlcvclohexane
Concen: 18.23 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

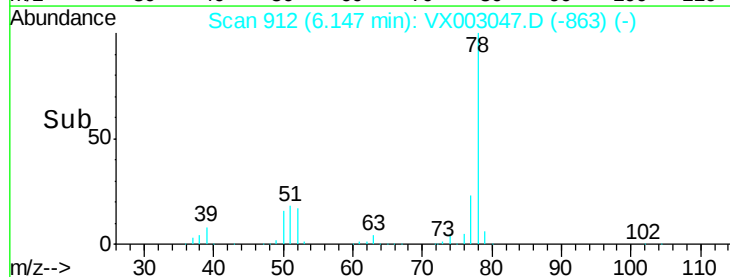
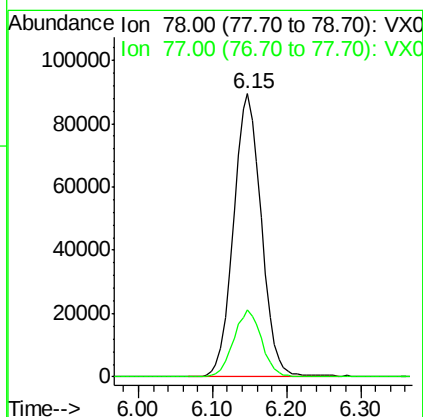
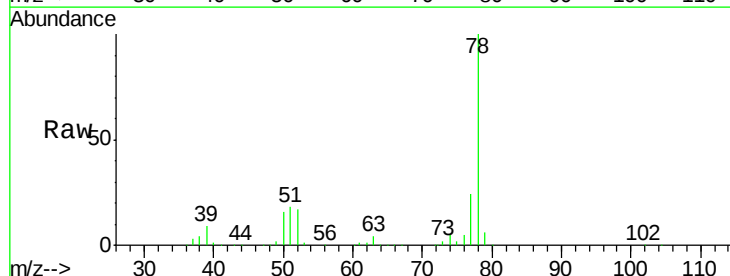
Instrument :
MSVOA_X
ClientSampled :

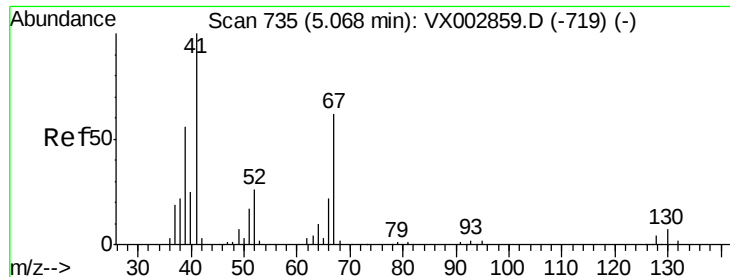
Tot Ion	83.00	Resp:	83707
Ion	Ratio	Lower	Upper
83	100		
55	77.2	65.4	98.0
98	45.5	37.4	56.0



#40
Benzene
Concen: 20.43 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Tgt Ion	78.00	Resp:	234085
Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.1	28.7

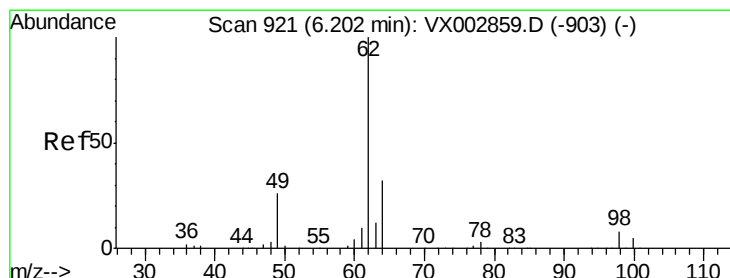
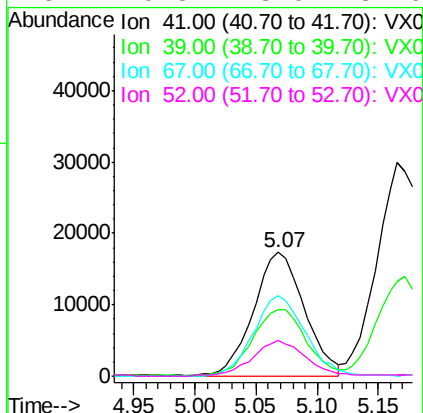
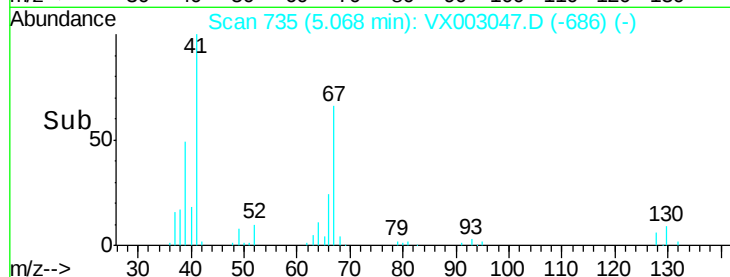
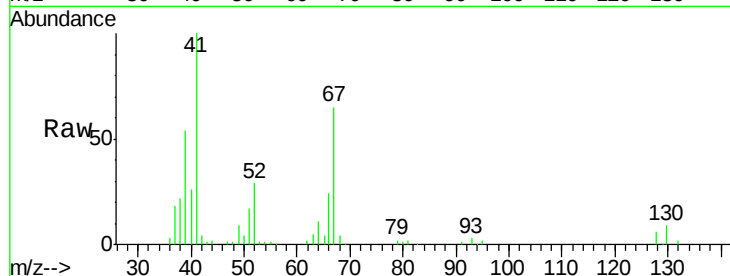




#41
Methacrylonitrile
Concen: 20.50 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

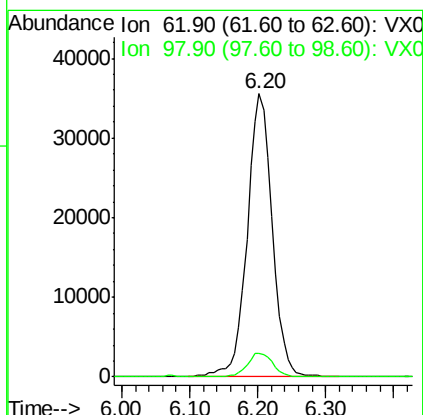
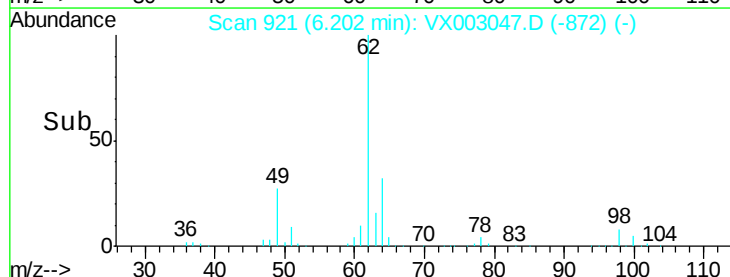
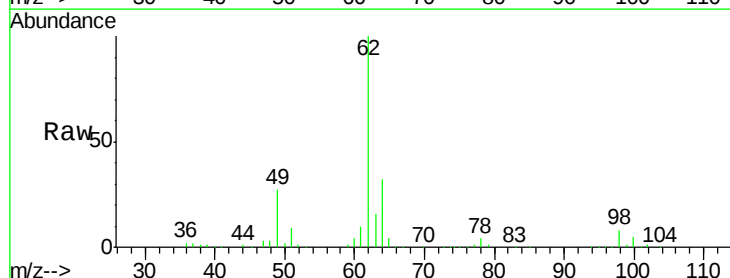
Instrument :
MSVOA_X
ClientSampled :

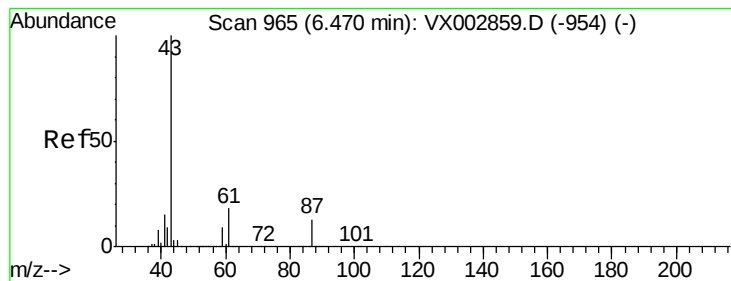
Tot Ion:	41	Resp:	50111
Ion	Ratio	Lower	Upper
41	100		
39	56.1	45.8	68.6
67	66.7	51.3	76.9
52	29.3	23.0	34.6



#42
1,2-Dichloroethane
Concen: 19.69 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Tgt Ion:	62	Resp:	91116
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.6



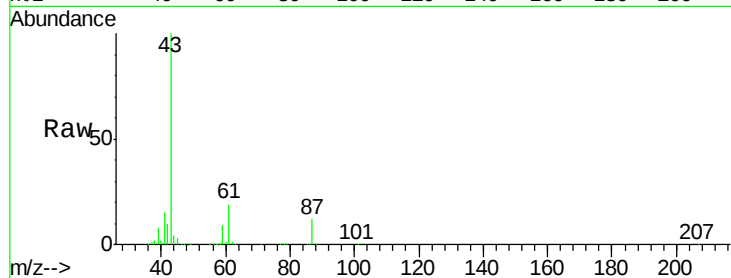


#43

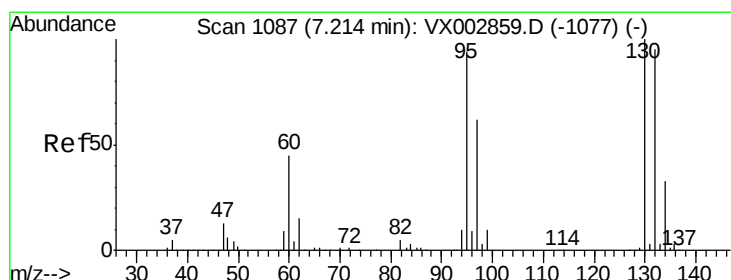
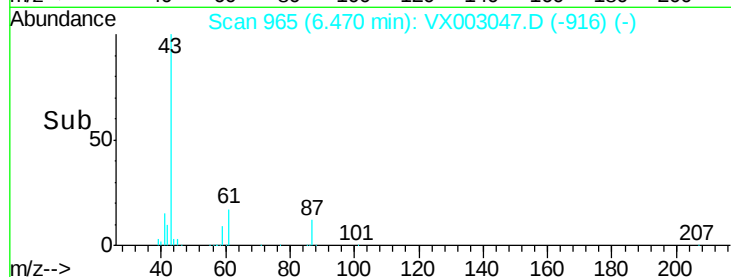
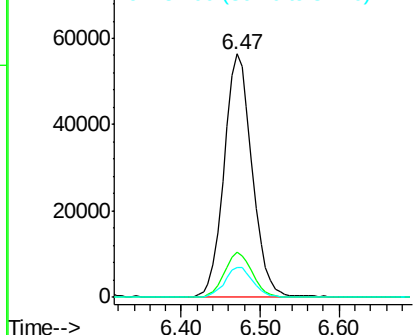
Isopropyl Acetate
 Concen: 19.46 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX003047.D
 Acq: 29 Jun 2018 23:50

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 43 Resp: 138521
 Ion Ratio Lower Upper
 43 100
 61 18.5 14.4 21.6
 87 12.5 9.5 14.3



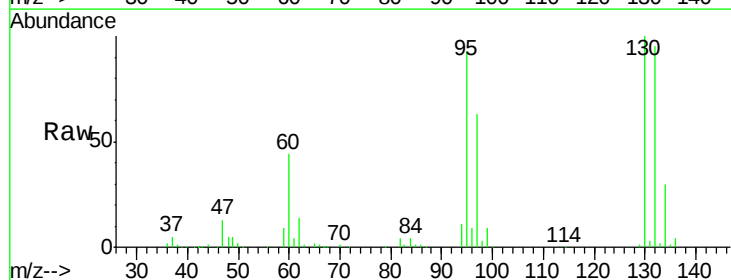
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



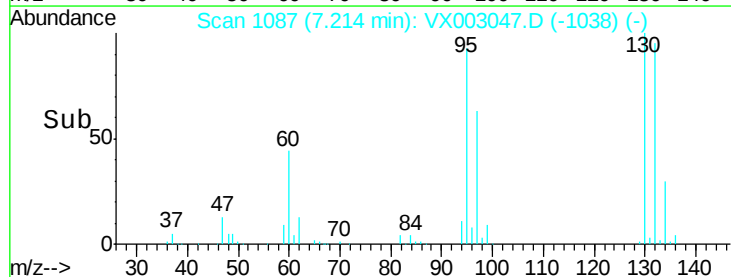
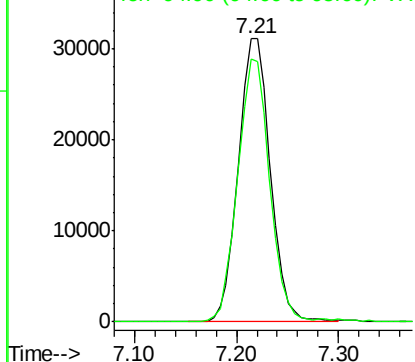
#44

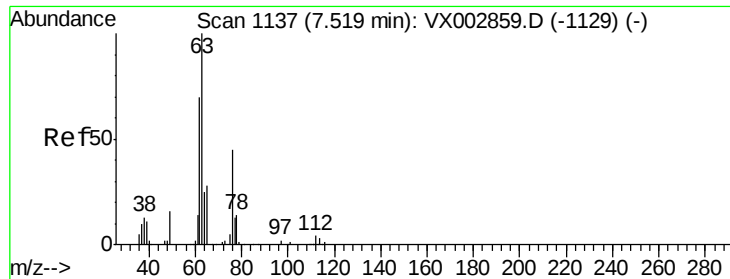
Trichloroethene
 Concen: 19.92 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003047.D
 Acq: 29 Jun 2018 23:50

Tgt Ion: 130 Resp: 68037
 Ion Ratio Lower Upper
 130 100
 95 92.8 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

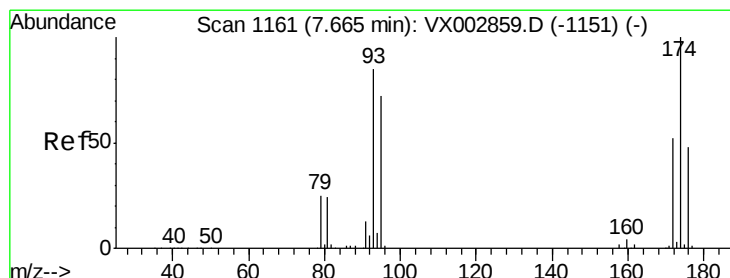
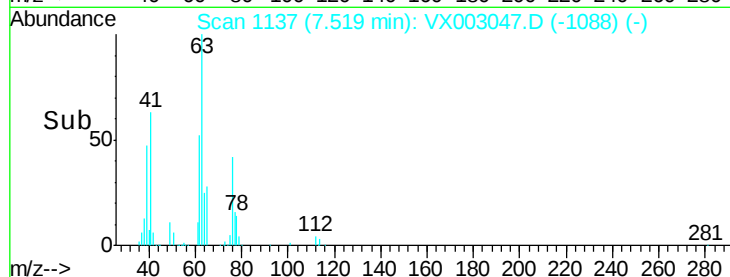
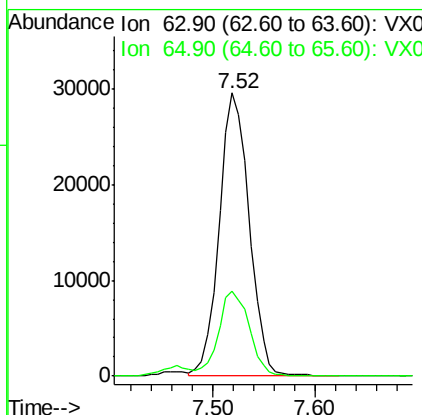
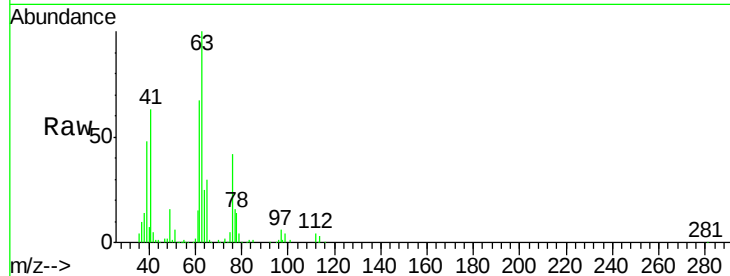




#45
 1,2-Dichloropropane
 Concen: 19.92 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003047.D
 Acq: 29 Jun 2018 23:50

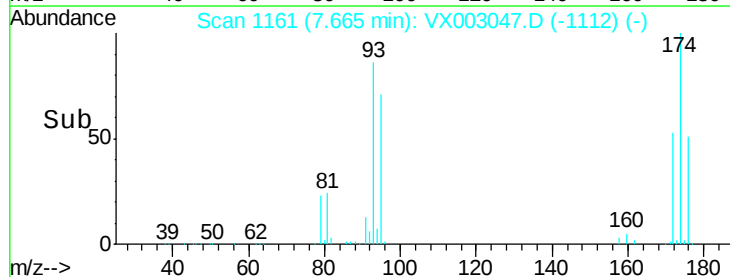
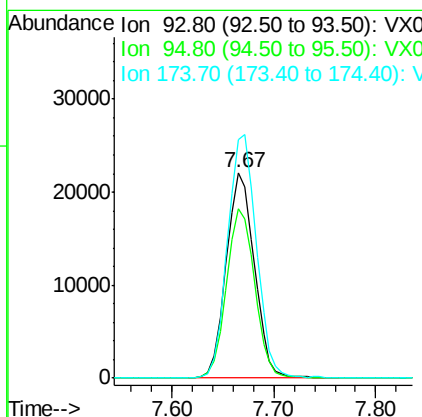
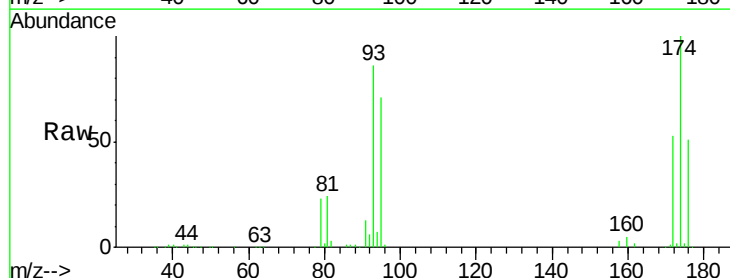
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 63 Resp: 60529
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.7 37.1



#46
 Dibromomethane
 Concen: 19.99 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003047.D
 Acq: 29 Jun 2018 23:50

Tgt Ion: 93 Resp: 42149
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.9 98.9
 174 121.5 92.4 138.6





#47

Bromodichloromethane

Concen: 19.72 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :
MSVOA_X
ClientSampleId :

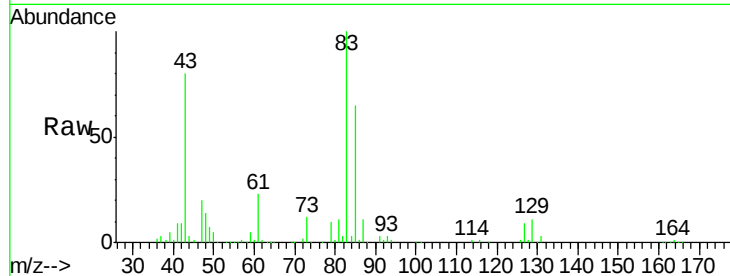
Tot Ion: 83 Resp: 76890

Ion Ratio Lower Upper

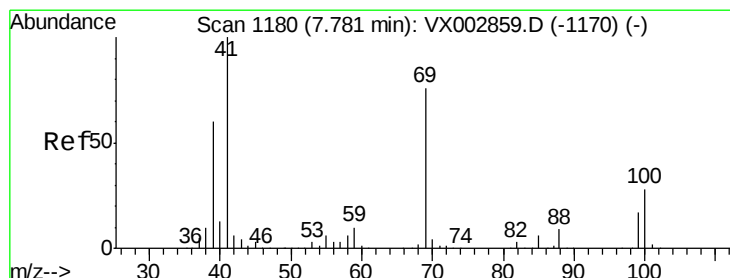
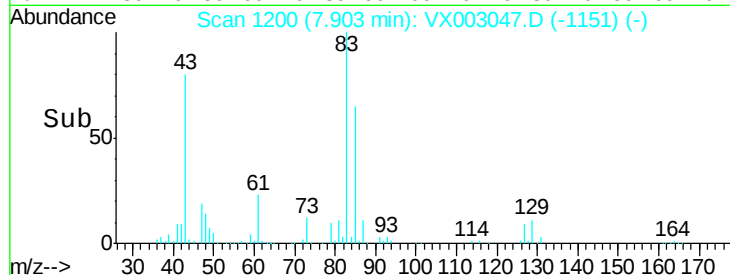
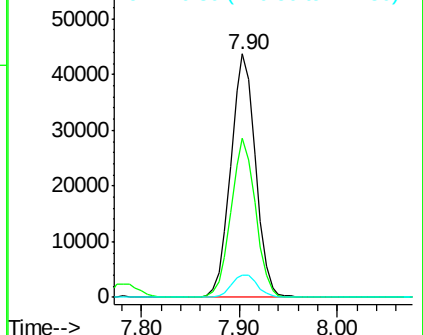
83 100

85 65.3 50.3 75.5

127 9.0 7.0 10.4



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



#48

Methyl methacrylate

Concen: 19.55 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

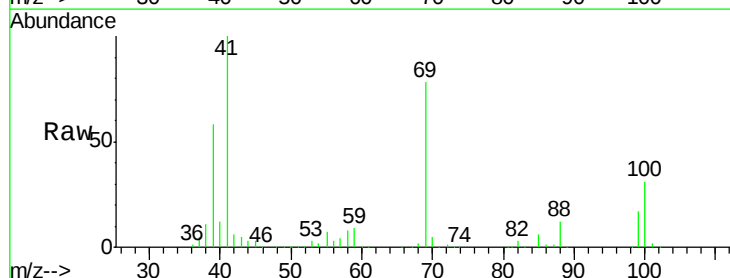
Tgt Ion: 41 Resp: 71699

Ion Ratio Lower Upper

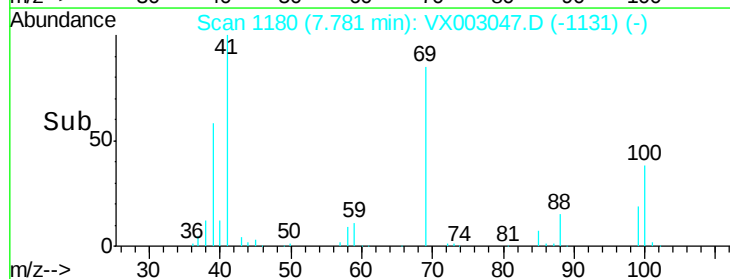
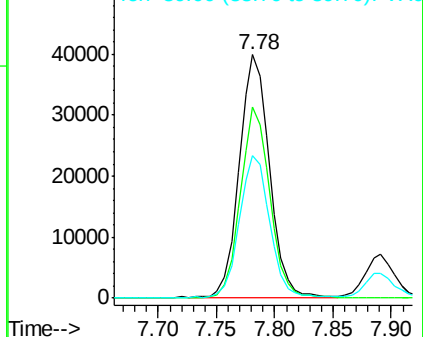
41 100

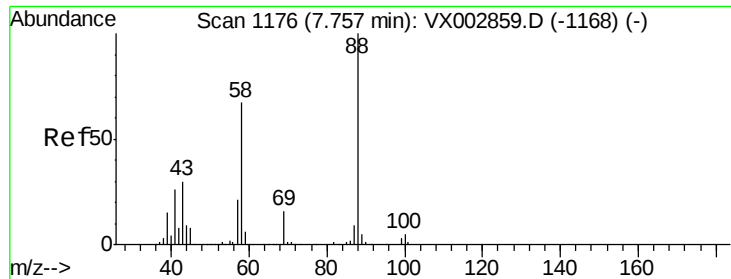
69 77.7 59.1 88.7

39 58.9 48.9 73.3



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

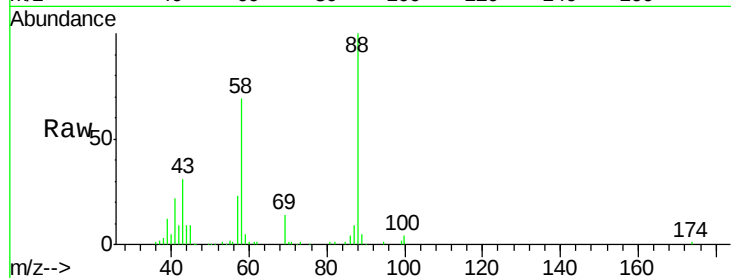




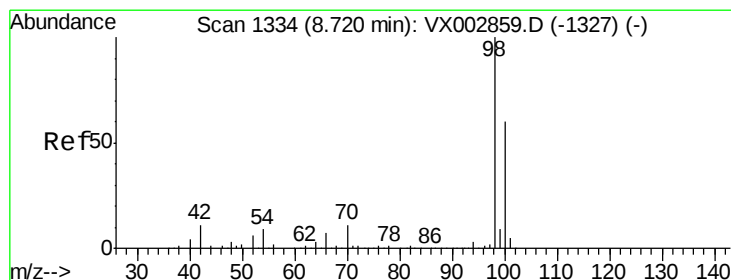
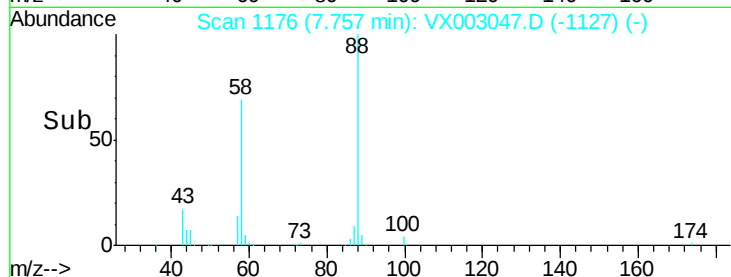
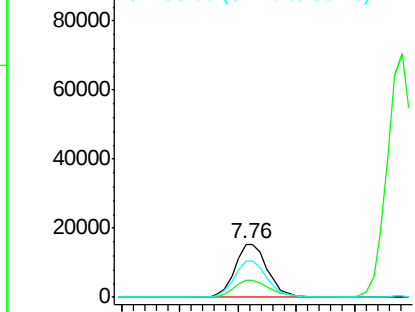
#49
1,4-Dioxane
Concen: 419.50 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.5	29.8	44.6
58	70.4	57.1	85.7

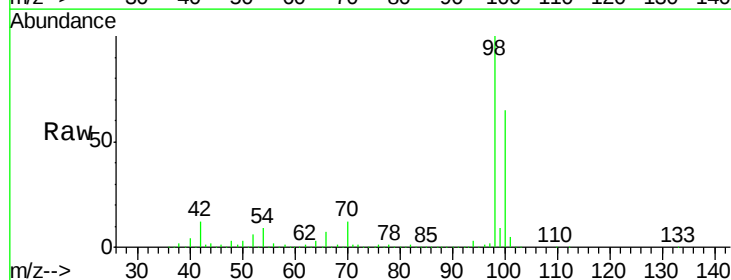


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

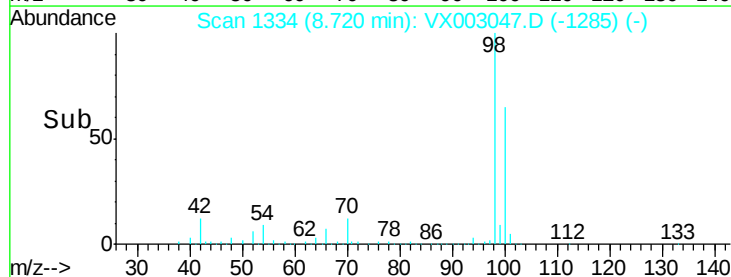
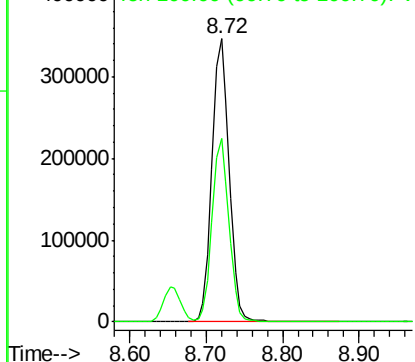


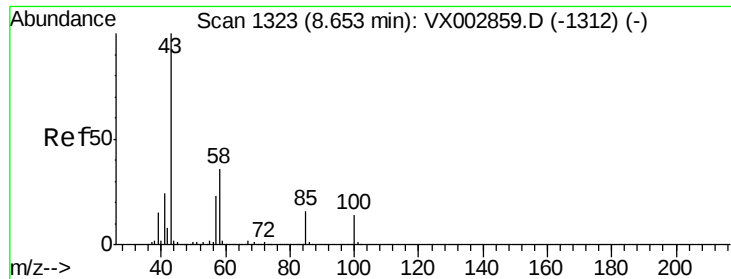
#50
Toluene-d8
Concen: 52.06 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.9	76.3



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





#51

4-Methyl-2-Pentanone

Concen: 105.75 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :

MSVOA_X

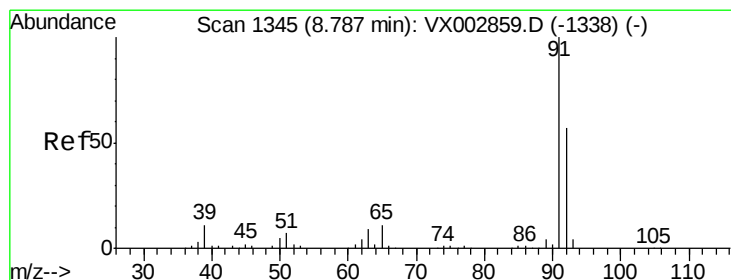
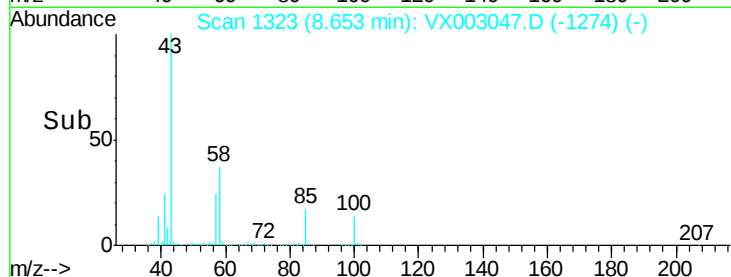
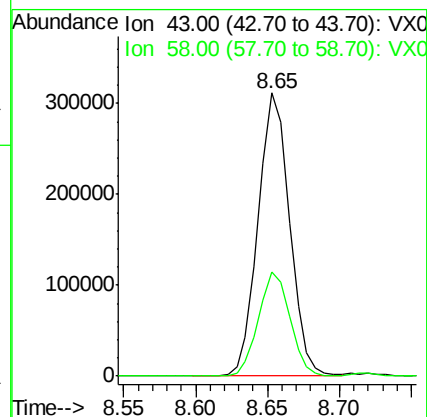
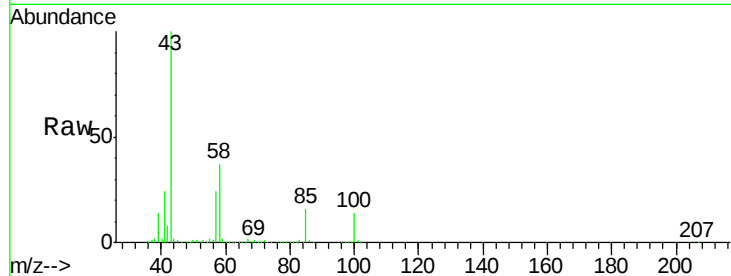
ClientSampleId :

Tot Ion: 43 Resp: 471040

Ion Ratio Lower Upper

43 100

58 36.9 28.6 42.8



#52

Toluene

Concen: 21.09 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003047.D

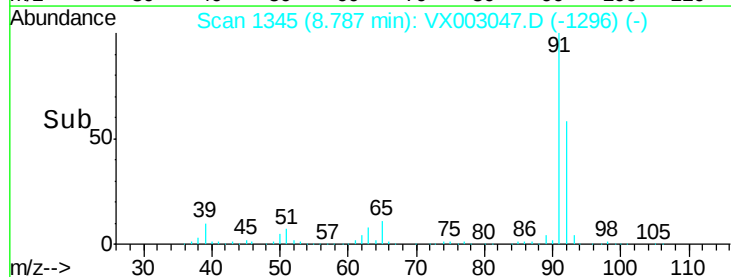
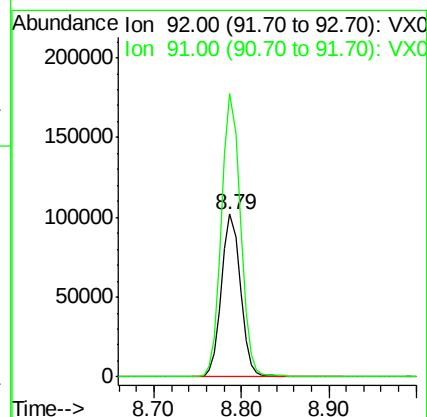
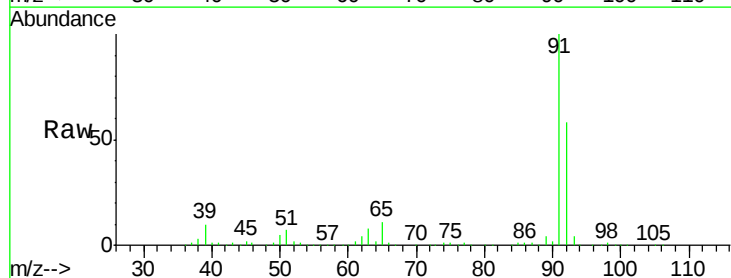
Acq: 29 Jun 2018 23:50

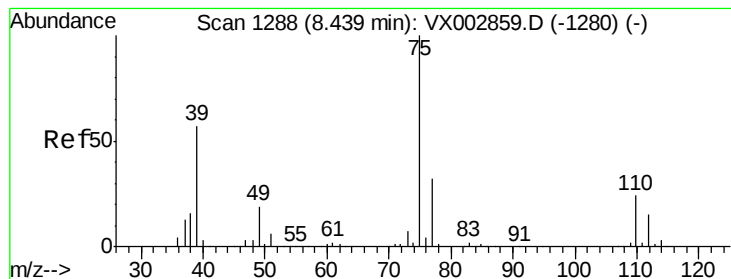
Tgt Ion: 92 Resp: 154790

Ion Ratio Lower Upper

92 100

91 173.8 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 19.03 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :

MSVOA_X

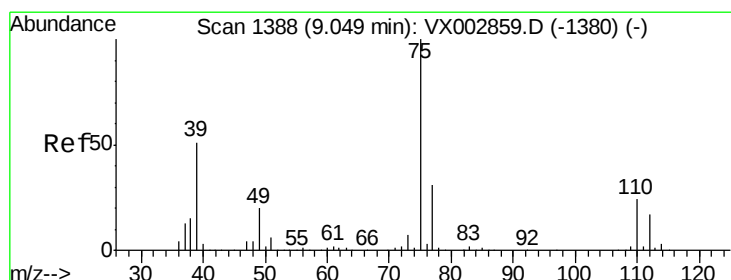
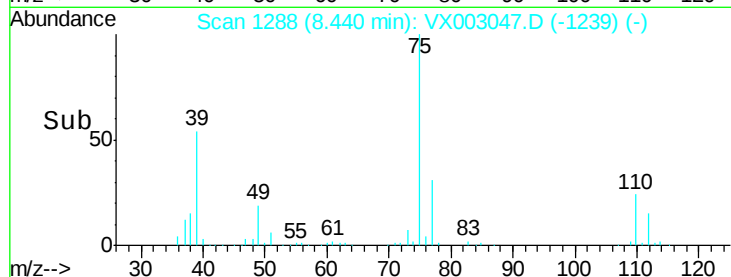
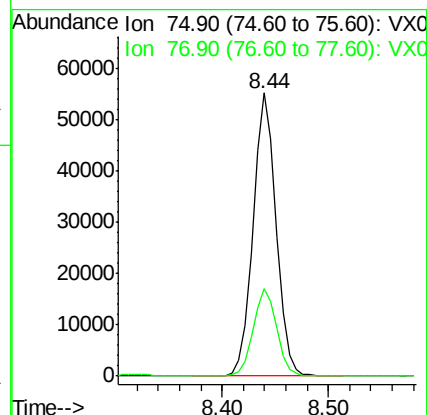
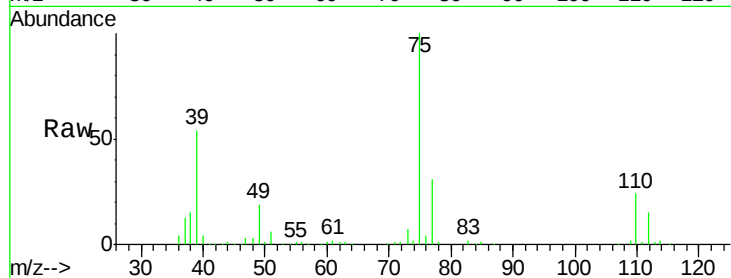
ClientSampleId :

Tot Ion: 75 Resp: 84042

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 18.19 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

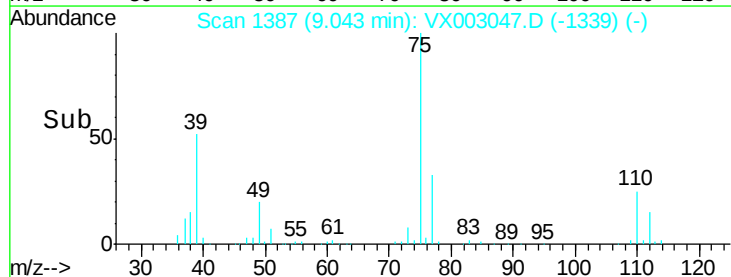
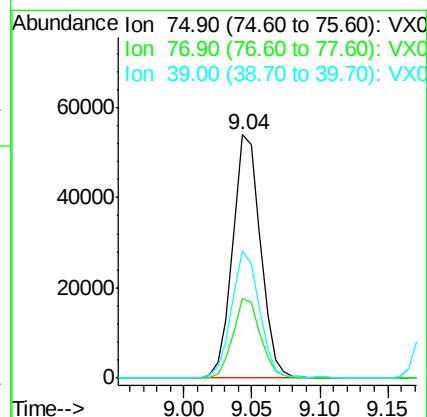
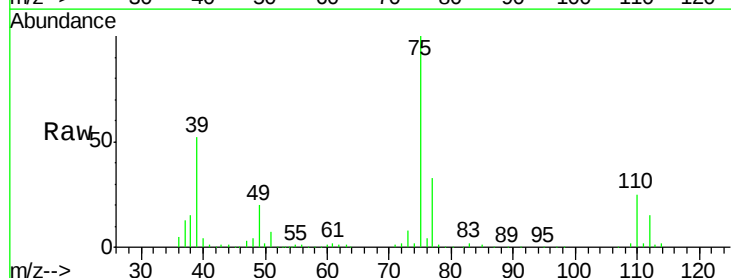
Tgt Ion: 75 Resp: 77293

Ion Ratio Lower Upper

75 100

77 32.9 24.8 37.2

39 51.8 42.4 63.6

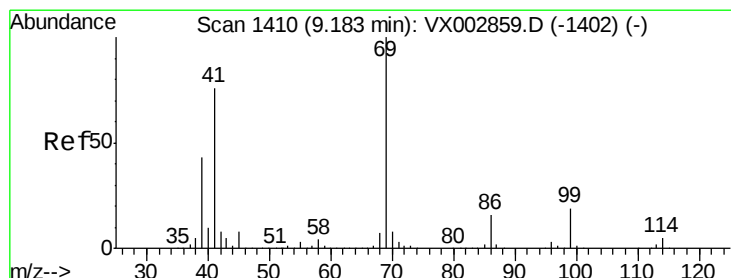
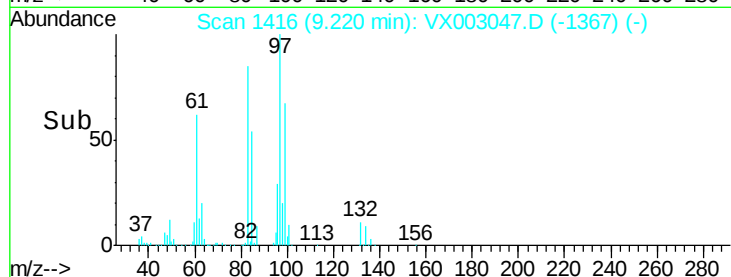
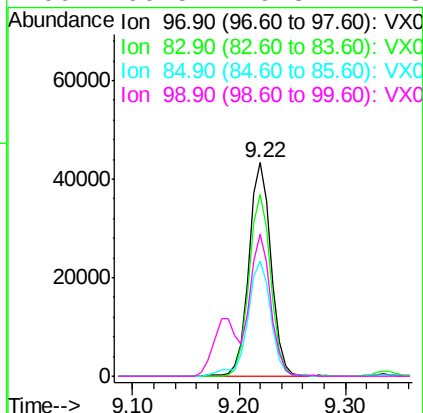
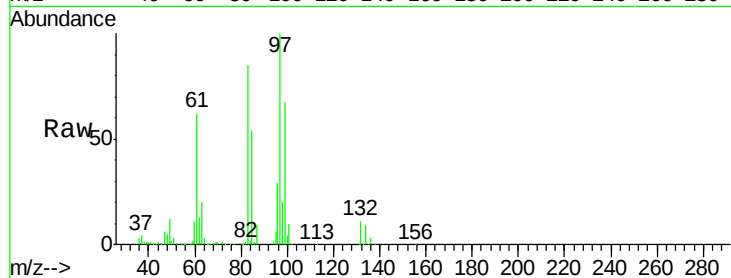




#55
 1,1,2-Trichloroethane
 Concen: 21.09 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003047.D
 Acq: 29 Jun 2018 23:50

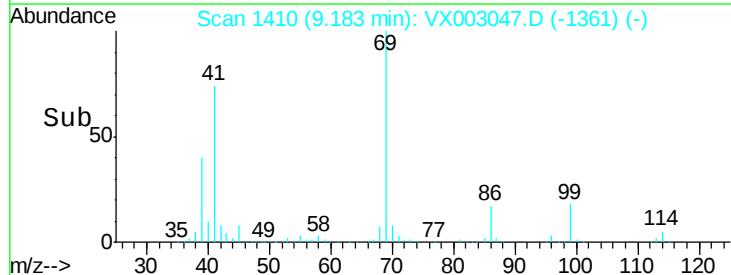
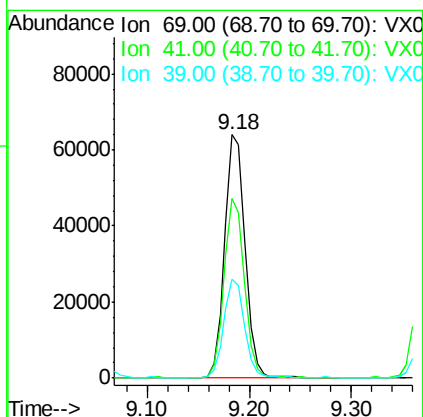
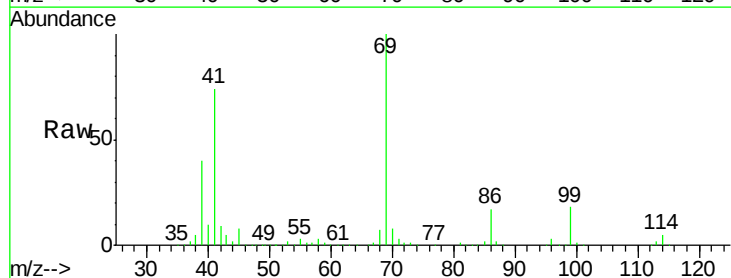
Instrument :
 MSVOA_X
 ClientSampleId :

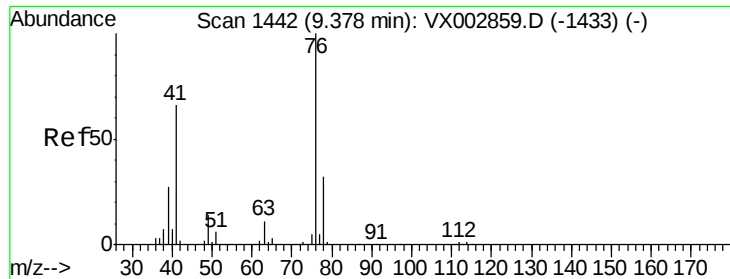
Tot Ion:	97	Resp:	63608
Ion	Ratio	Lower	Upper
97	100		
83	84.8	70.2	105.2
85	54.2	44.9	67.3
99	66.5	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 20.28 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003047.D
 Acq: 29 Jun 2018 23:50

Tgt Ion:	69	Resp:	89390
Ion	Ratio	Lower	Upper
69	100		
41	73.2	60.3	90.5
39	40.9	35.8	53.8





#57

1,3-Dichloropropane

Concen: 20.96 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :

MSVOA_X

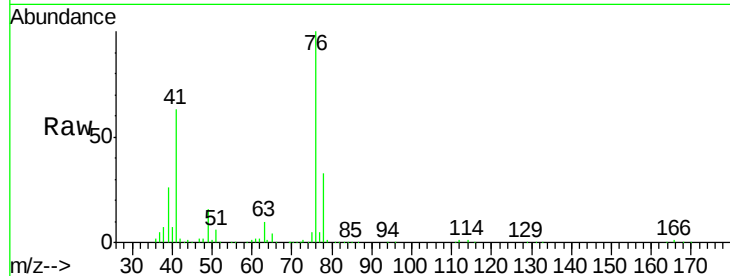
ClientSampleId :

Tot Ion: 76 Resp: 103802

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

80000

60000

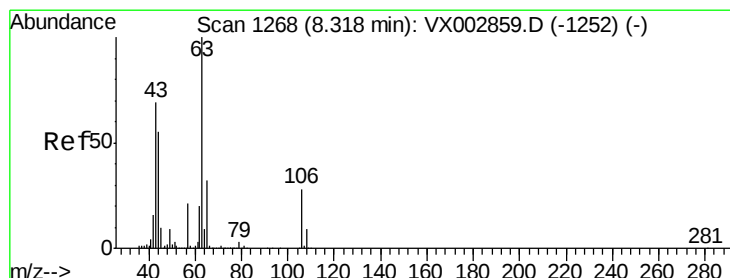
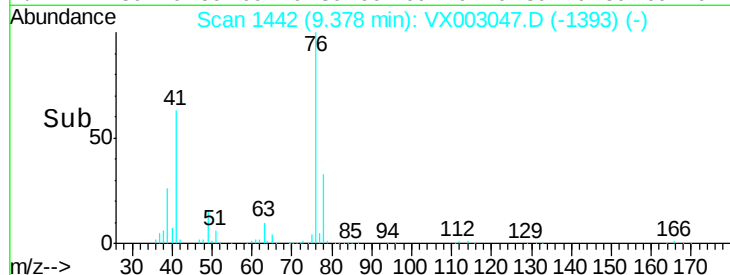
40000

20000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 109.16 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003047.D

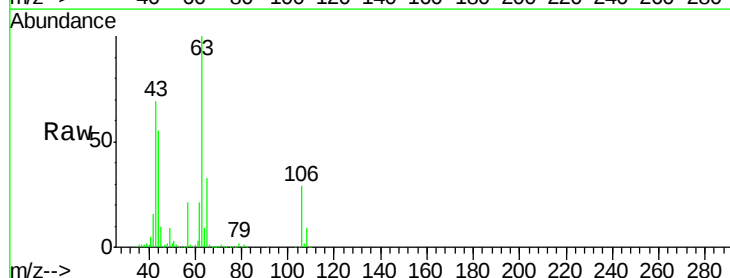
Acq: 29 Jun 2018 23:50

Tgt Ion: 63 Resp: 232101

Ion Ratio Lower Upper

63 100

106 28.6 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

150000

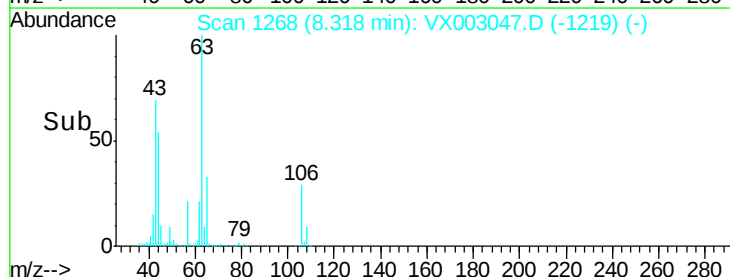
100000

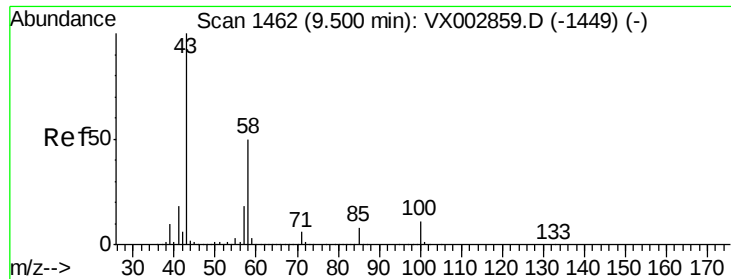
50000

0

8.20 8.30 8.40

Time-->

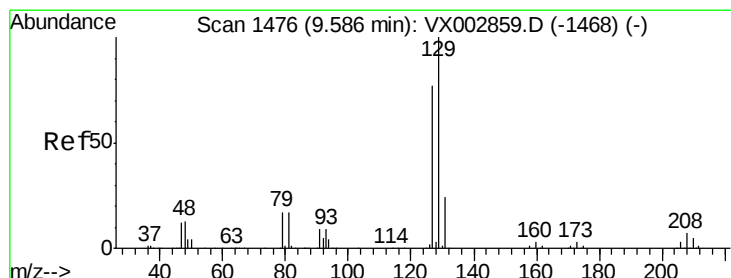
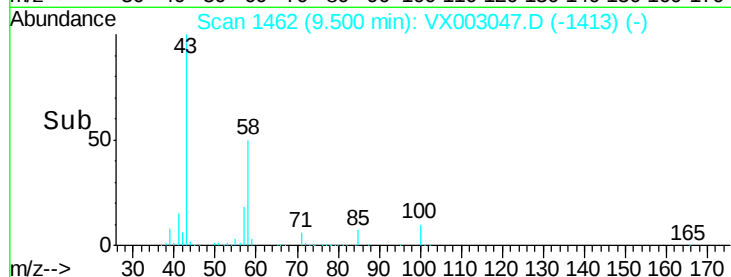
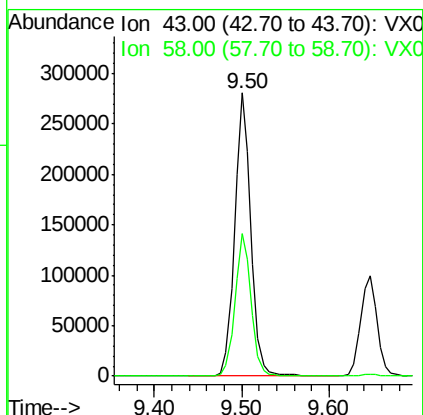
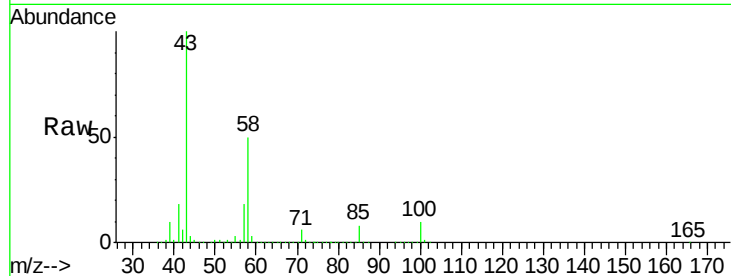




#59
2-Hexanone
Concen: 107.06 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

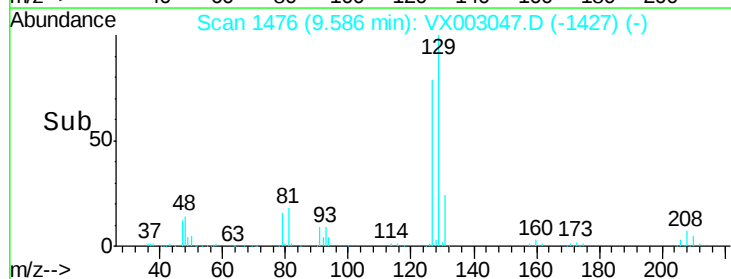
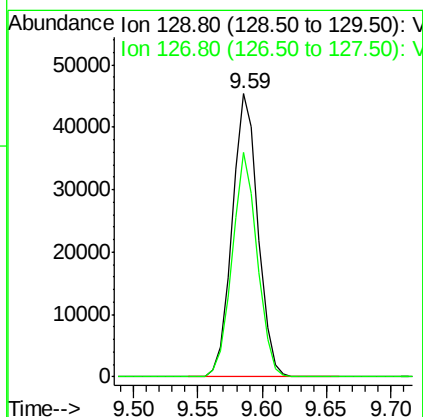
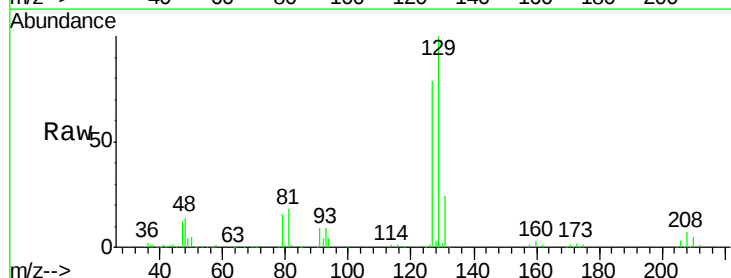
Instrument :
MSVOA_X
ClientSampleId :

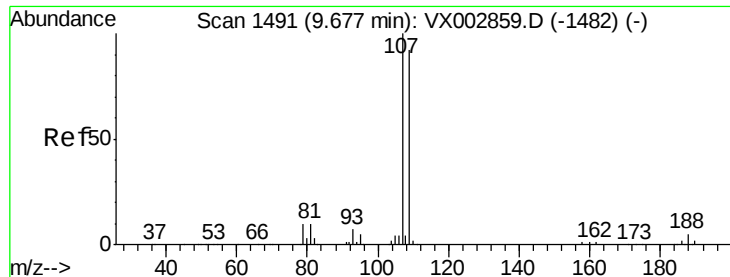
Tot Ion: 43 Resp: 362420
Ion Ratio Lower Upper
43 100
58 50.6 24.6 73.6



#60
Dibromochloromethane
Concen: 19.97 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Tgt Ion: 129 Resp: 63406
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.72 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :

MSVOA_X

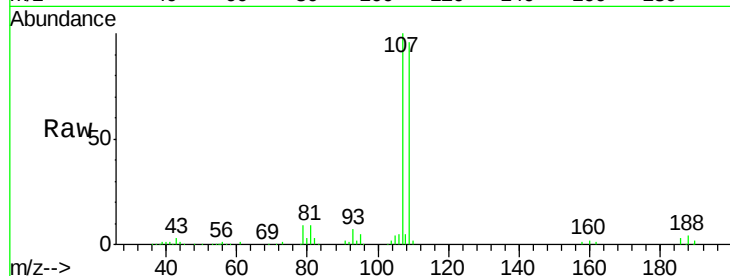
ClientSampleId :

Tot Ion:107 Resp: 65536

Ion Ratio Lower Upper

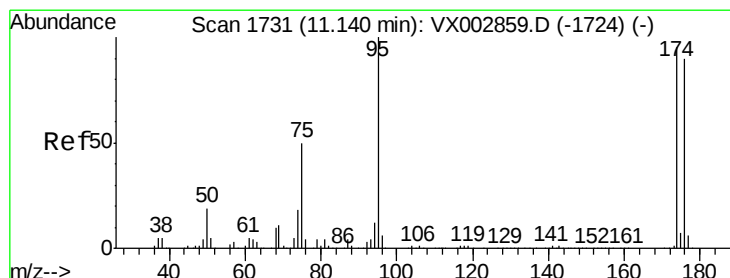
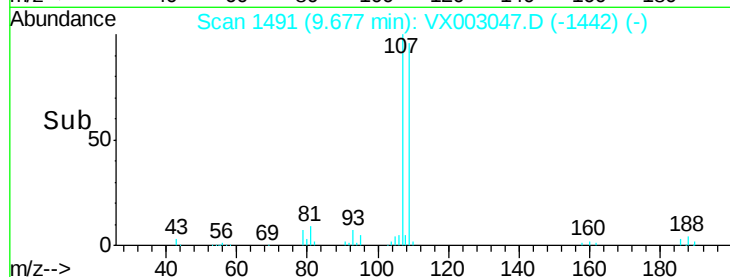
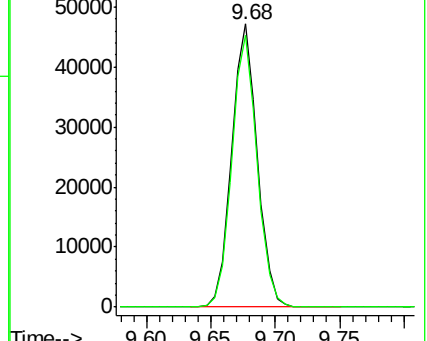
107 100

109 95.1 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.32 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

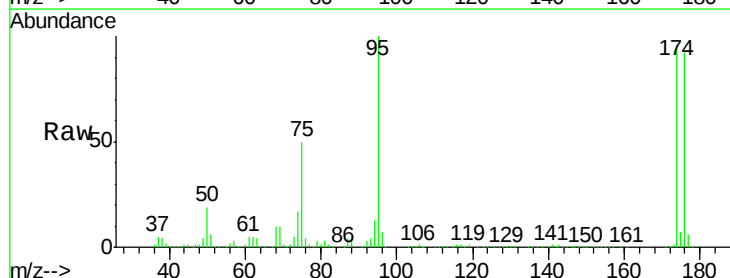
Tgt Ion: 95 Resp: 201775

Ion Ratio Lower Upper

95 100

174 98.0 0.0 187.4

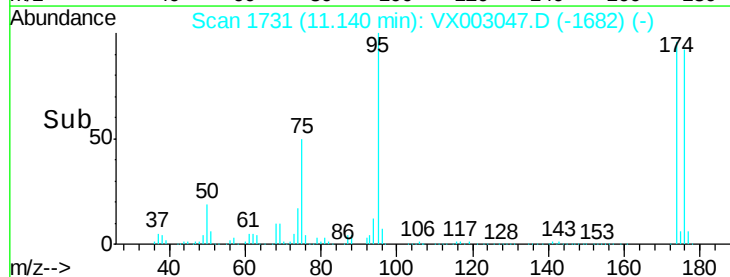
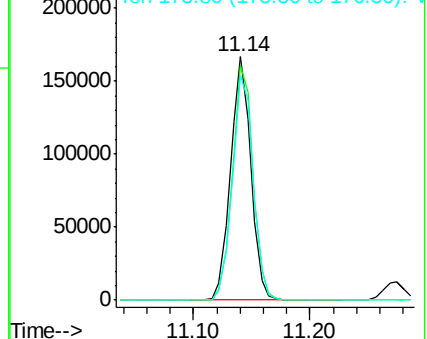
176 94.7 0.0 181.0

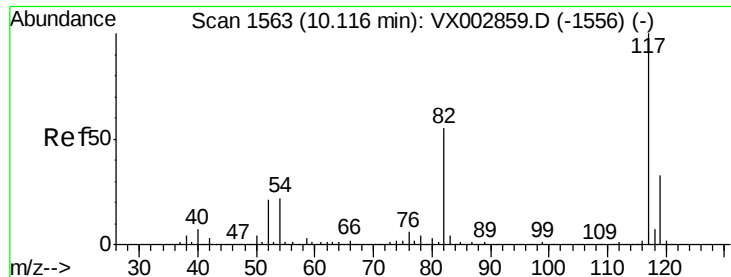


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :

MSVOA_X

ClientSampleId :

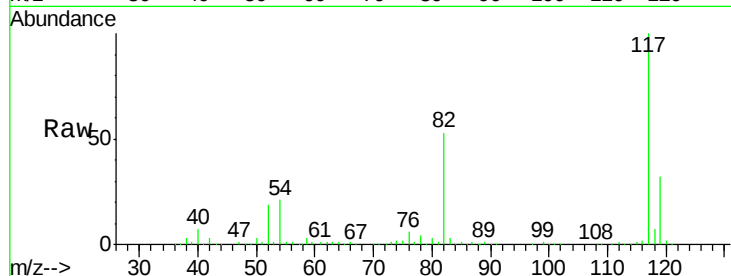
Tot Ion:117 Resp: 352430

Ion Ratio Lower Upper

117 100

82 52.9 45.0 67.4

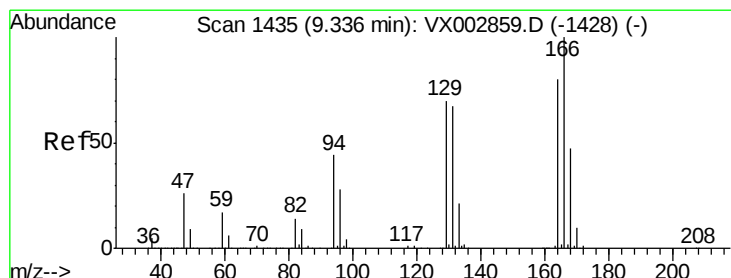
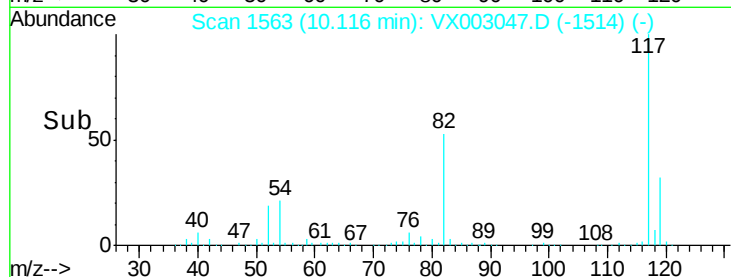
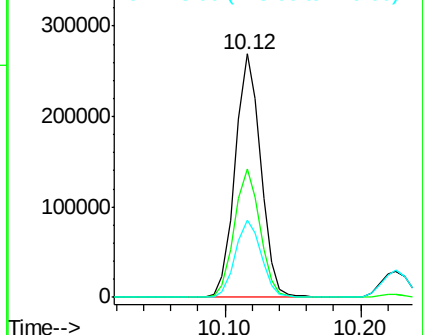
119 31.7 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 20.42 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Tgt Ion:164 Resp: 80007

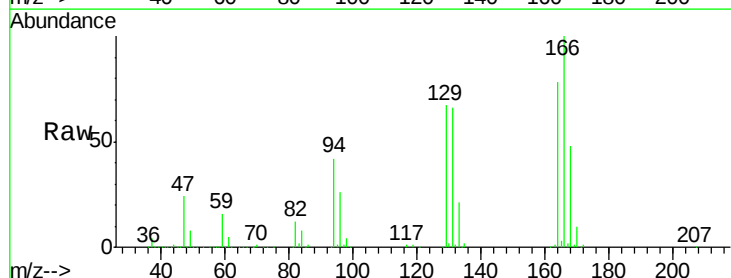
Ion Ratio Lower Upper

164 100

166 128.2 102.9 154.3

129 86.6 68.6 102.8

131 84.8 66.8 100.2

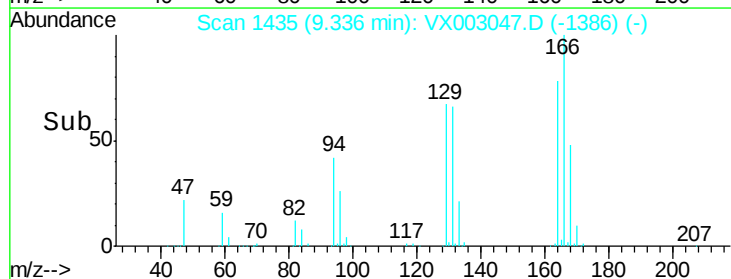
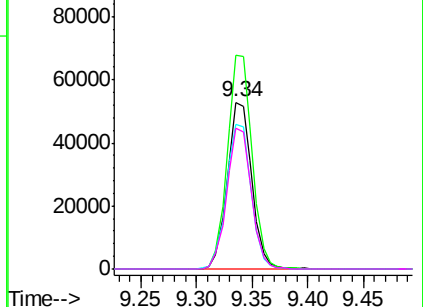


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.65 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :

MSVOA_X

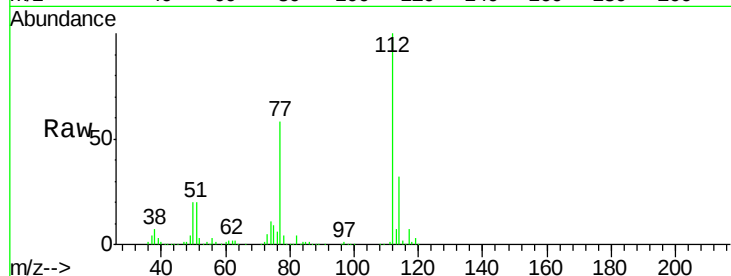
ClientSampled :

Tot Ion:112 Resp: 175927

Ion Ratio Lower Upper

112 100

114 31.9 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

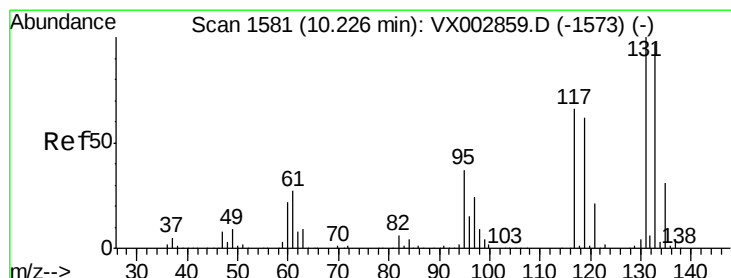
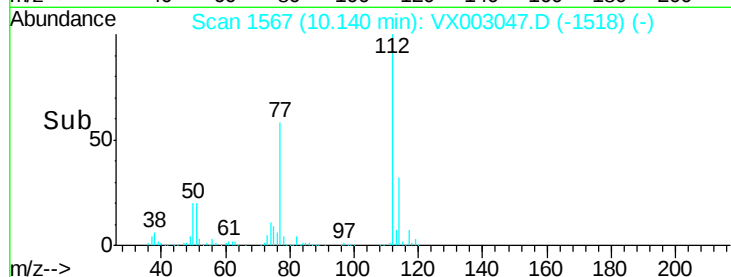
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.81 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

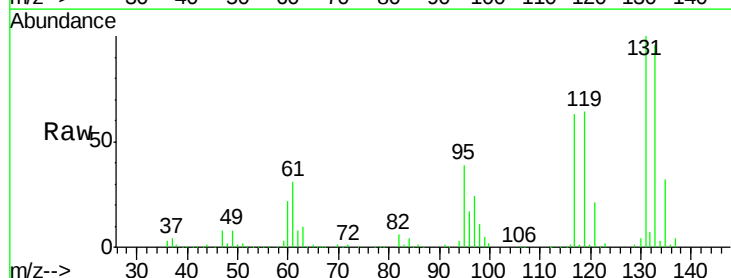
Tgt Ion:131 Resp: 64406

Ion Ratio Lower Upper

131 100

133 95.7 47.9 143.6

119 63.1 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.23

60000

50000

40000

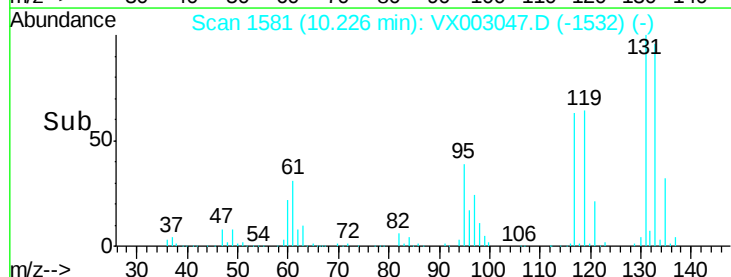
30000

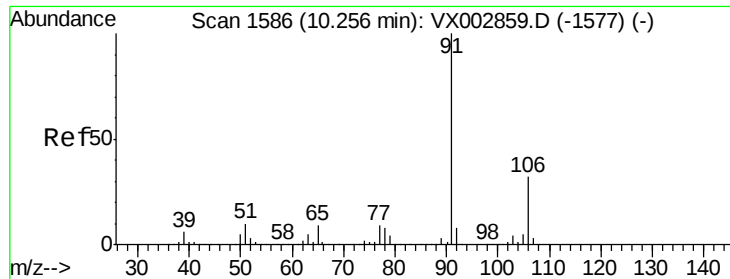
20000

10000

0

Time-->

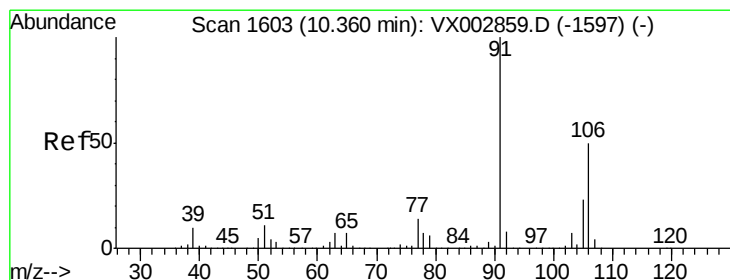
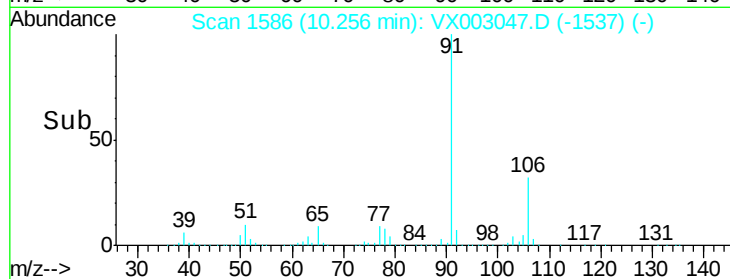
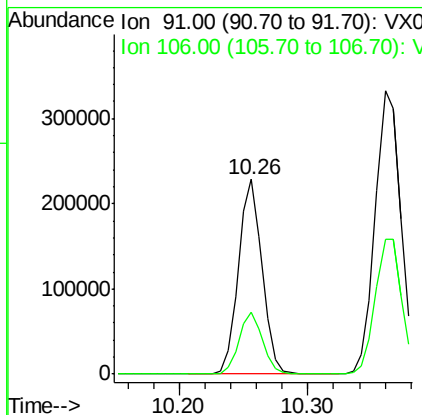
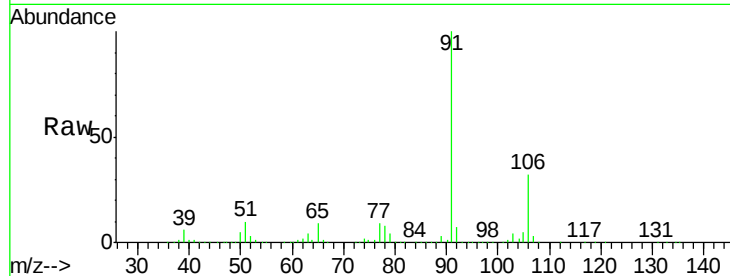




#67
Ethyl Benzene
Concen: 19.72 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

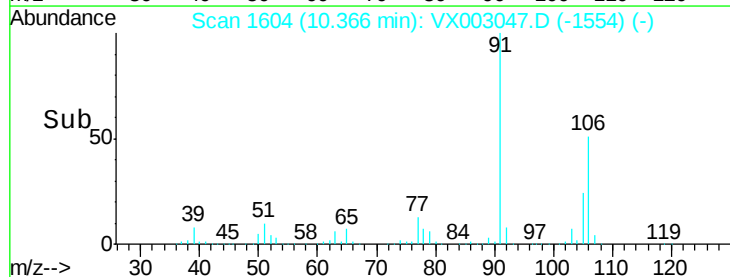
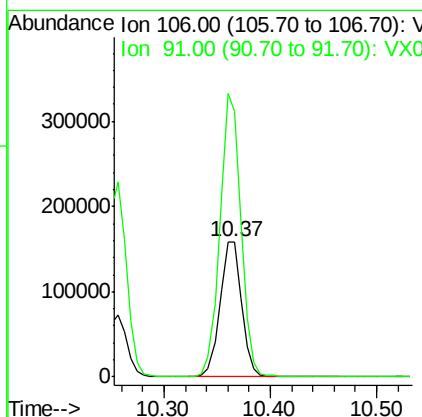
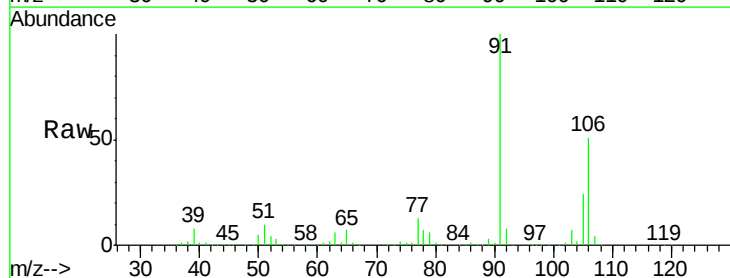
Instrument :
MSVOA_X
ClientSampleId :

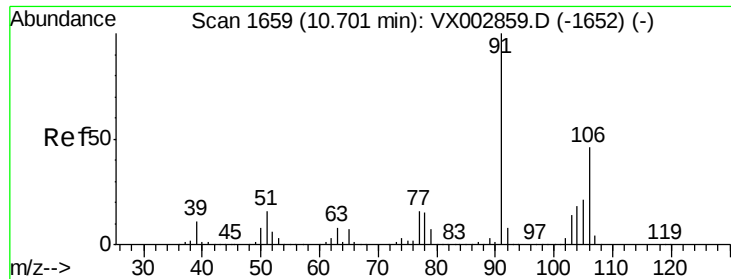
Tot Ion: 91 Resp: 291577
Ion Ratio Lower Upper
91 100
106 32.0 25.5 38.3



#68
m/p-Xylenes
Concen: 39.33 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Tgt Ion: 106 Resp: 224143
Ion Ratio Lower Upper
106 100
91 203.9 163.4 245.2

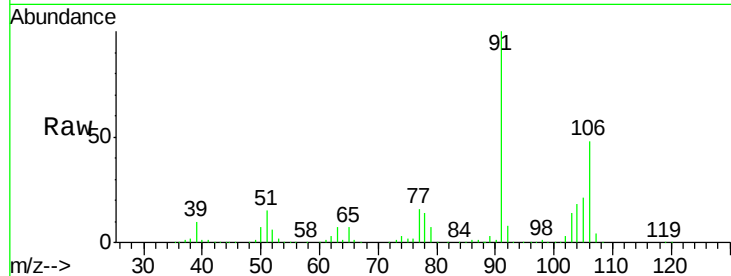




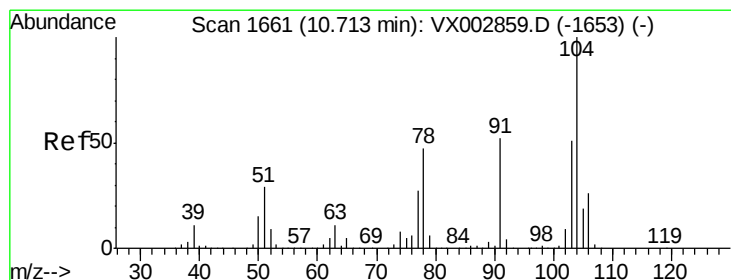
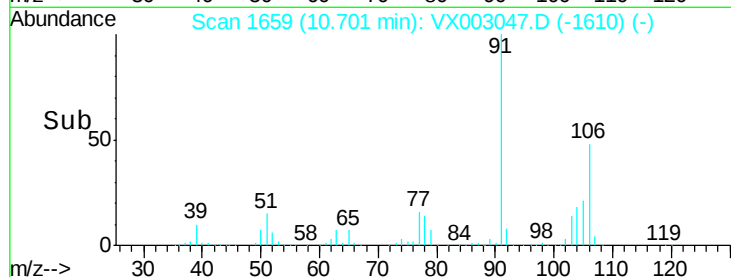
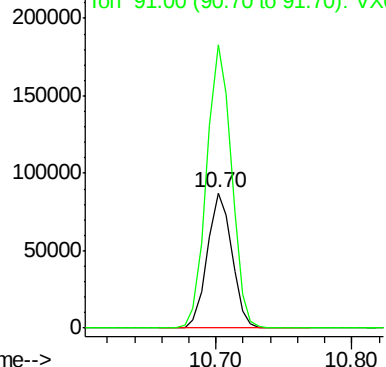
#69
o-Xylene
Concen: 19.86 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 110212
Ion Ratio Lower Upper
106 100
91 213.0 108.2 324.6

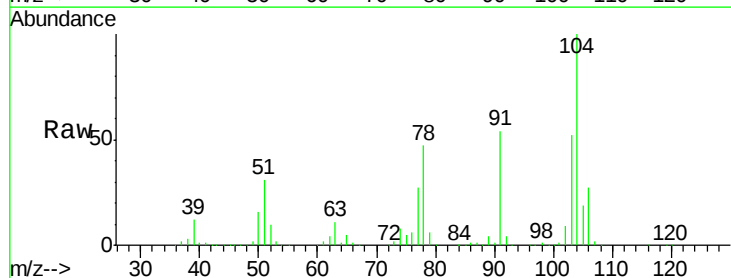


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

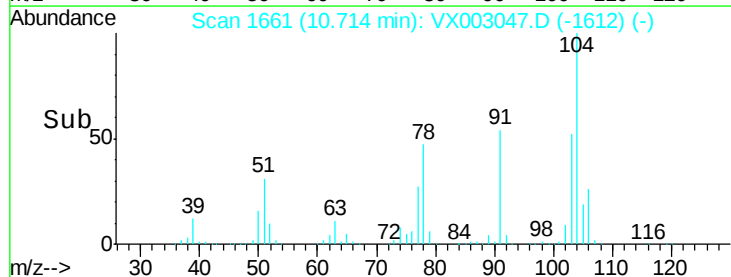
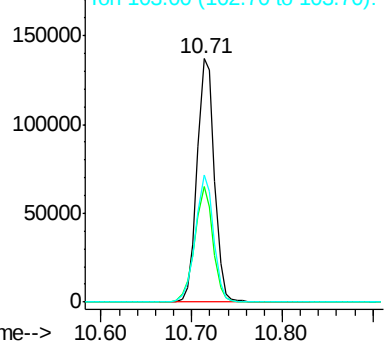


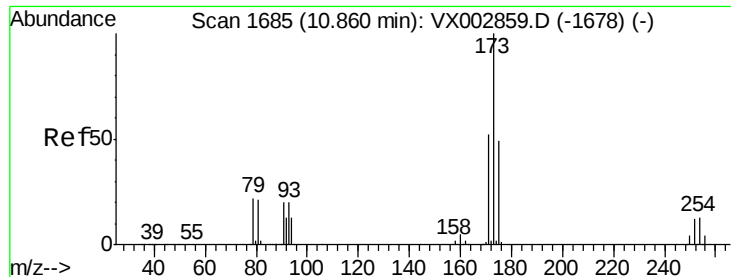
#70
Styrene
Concen: 20.24 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Tgt Ion:104 Resp: 182522
Ion Ratio Lower Upper
104 100
78 50.1 41.0 61.6
103 55.3 44.2 66.4



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

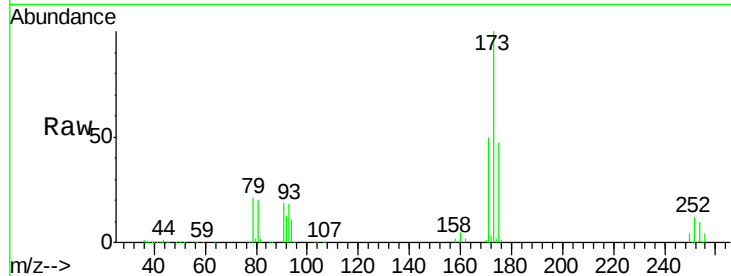




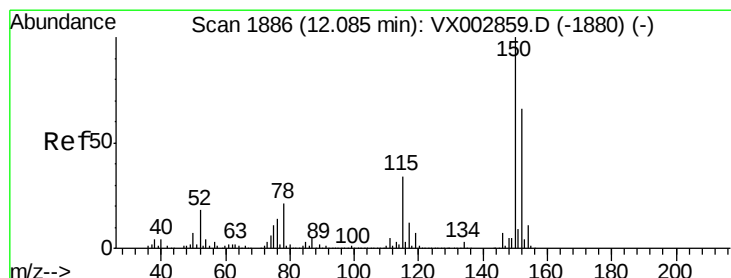
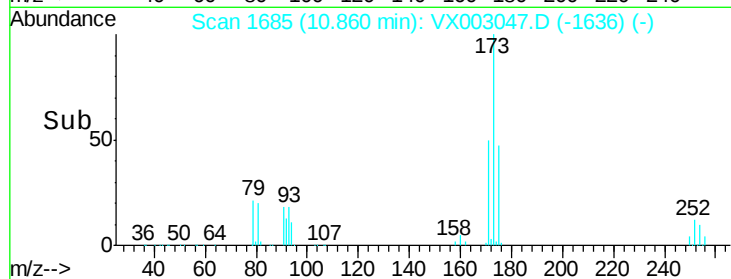
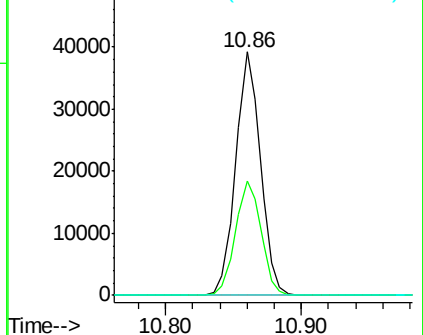
#71
Bromoform
Concen: 19.50 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:173 Resp: 49716
Ion Ratio Lower Upper
173 100
175 48.4 24.7 74.1
254 0.2 0.2 0.2

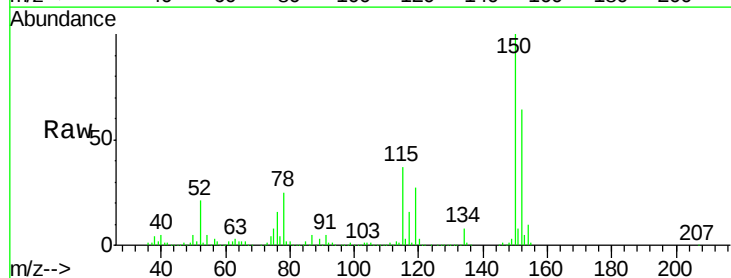


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

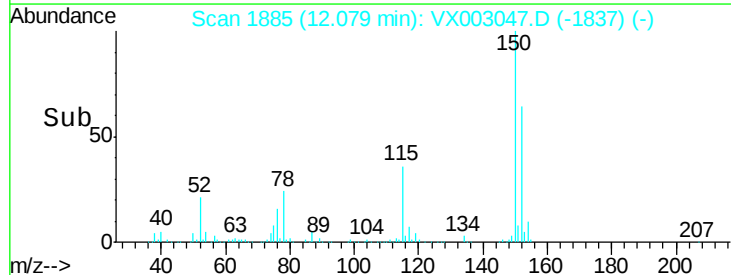
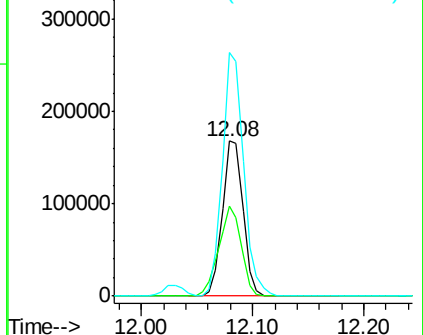


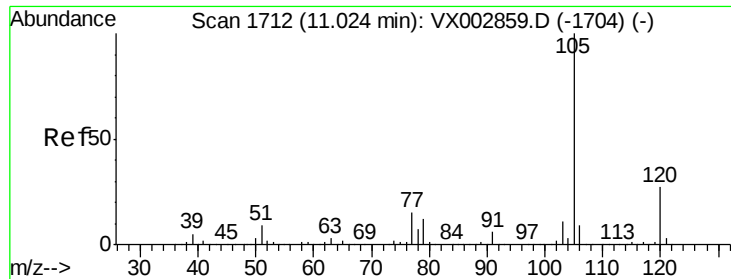
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Tgt Ion:152 Resp: 214965
Ion Ratio Lower Upper
152 100
115 63.0 40.1 120.2
150 162.5 0.0 347.2



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





#73

Isopropylbenzene

Concen: 20.45 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :

MSVOA_X

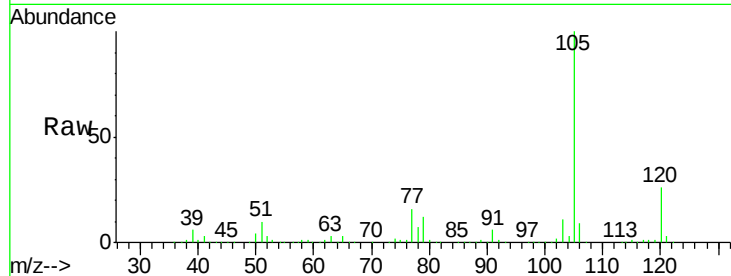
ClientSampleId :

Tot Ion:105 Resp: 295794

Ion Ratio Lower Upper

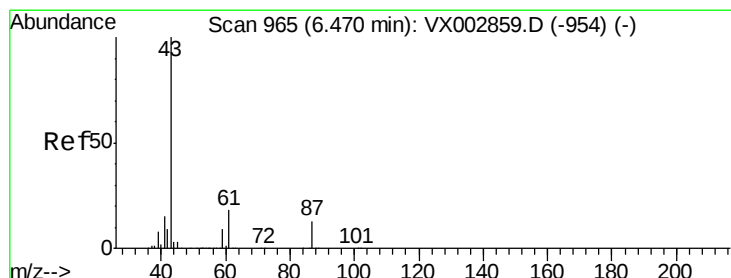
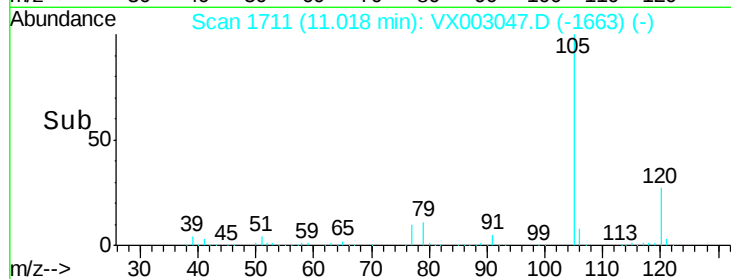
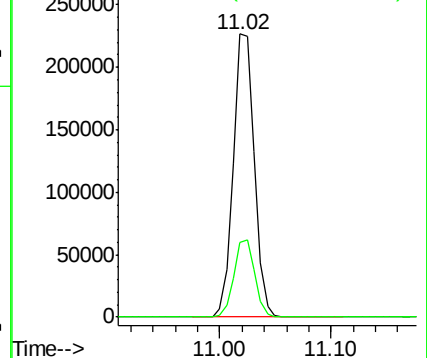
105 100

120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.58 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Tgt Ion: 43 Resp: 138521

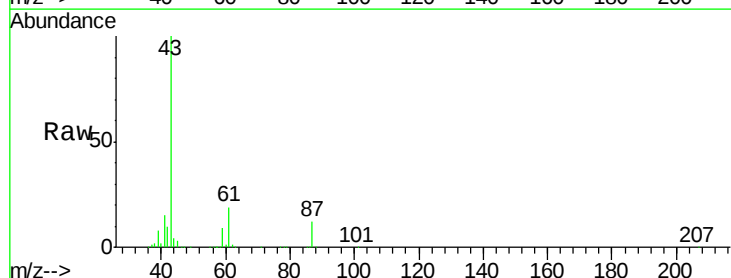
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.5 14.4 21.6

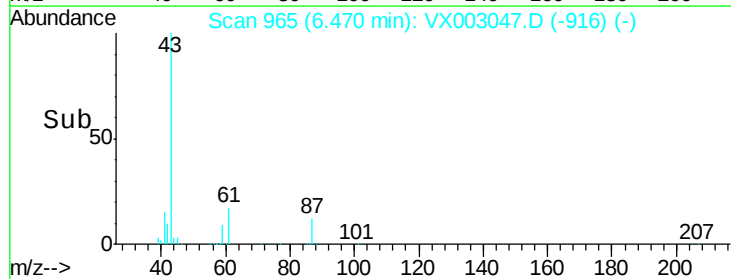
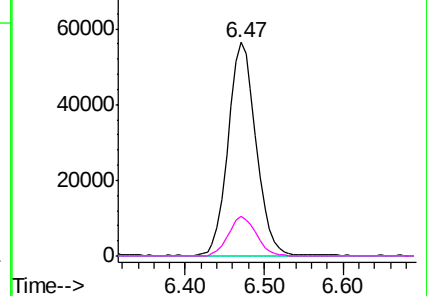


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.87 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :

MSVOA_X

ClientSampleId :

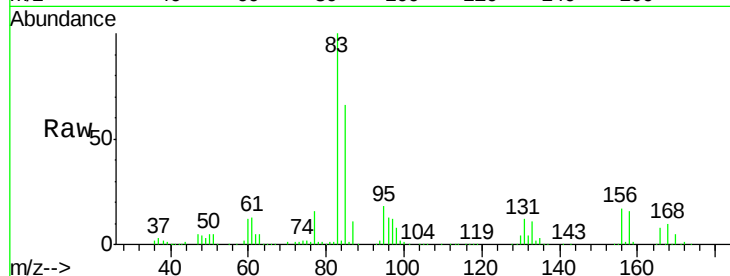
Tot Ion: 83 Resp: 92952

Ion Ratio Lower Upper

83 100

131 11.6 5.6 16.8

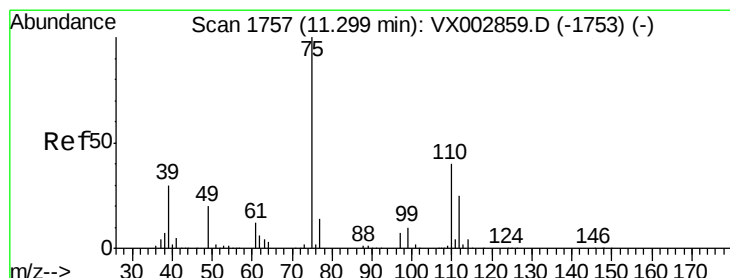
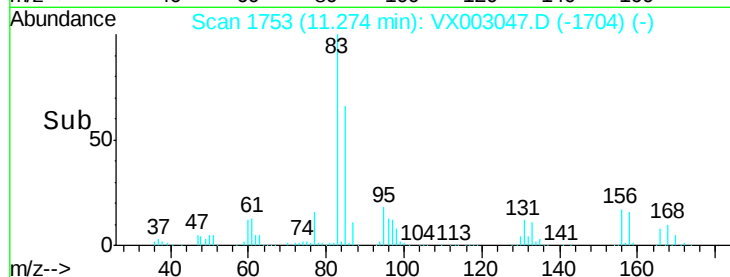
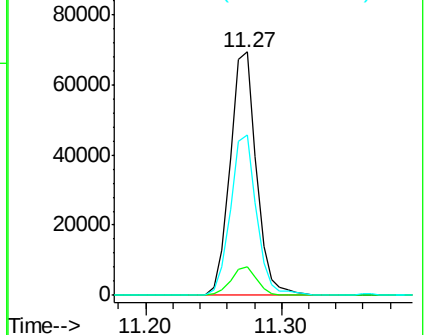
85 65.4 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.94 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003047.D

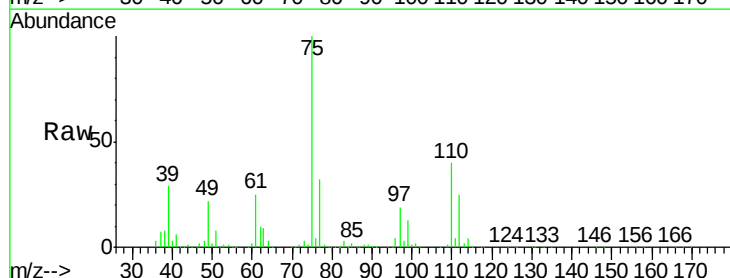
Acq: 29 Jun 2018 23:50

Tgt Ion: 75 Resp: 101010

Ion Ratio Lower Upper

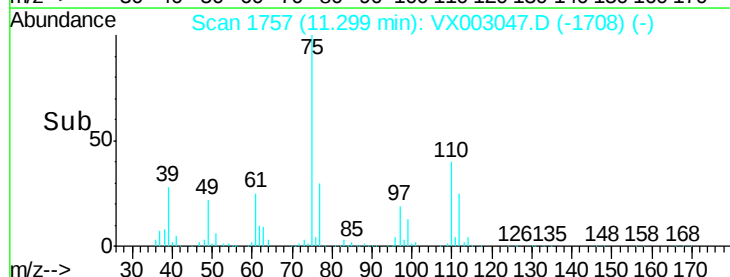
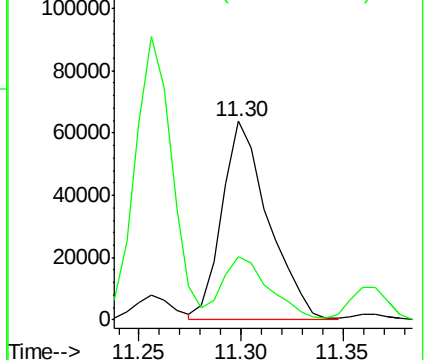
75 100

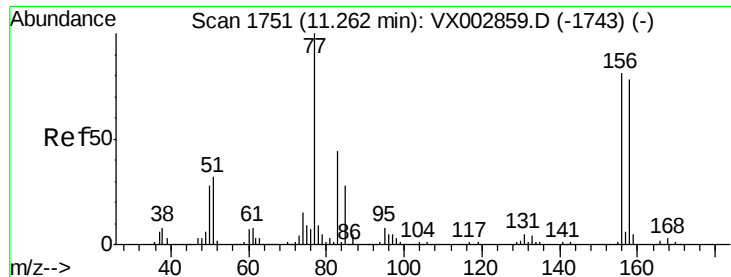
77 32.1 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.29 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :

MSVOA_X

ClientSampleId :

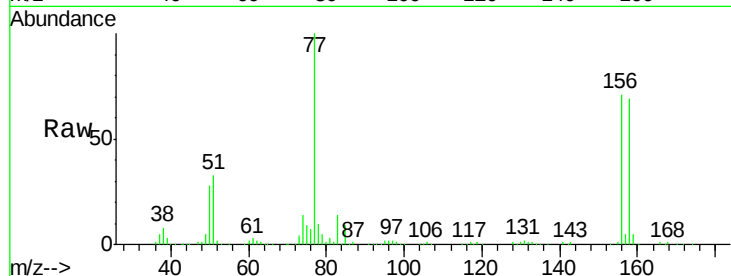
Tot Ion:156 Resp: 83545

Ion Ratio Lower Upper

156 100

77 136.2 71.4 214.2

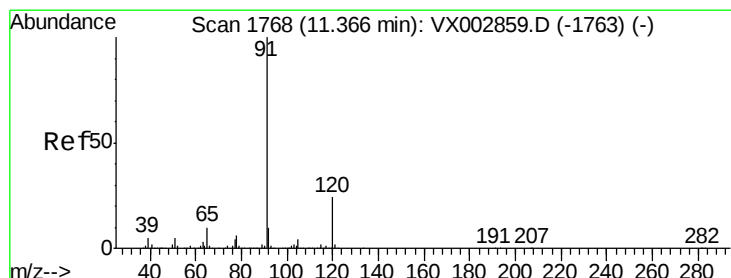
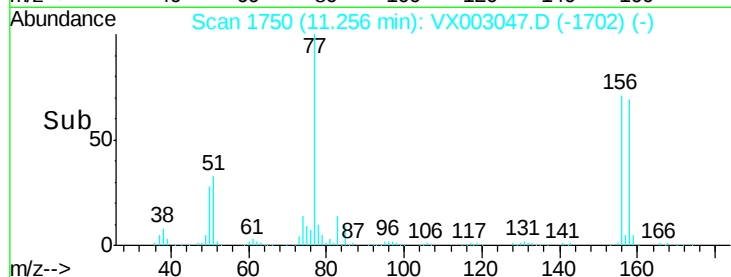
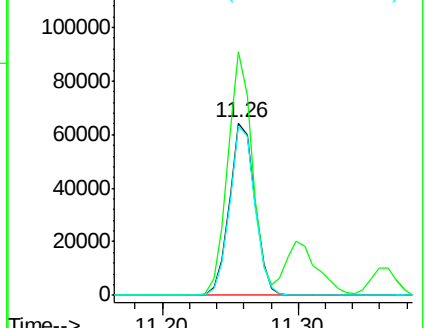
158 97.5 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.06 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003047.D

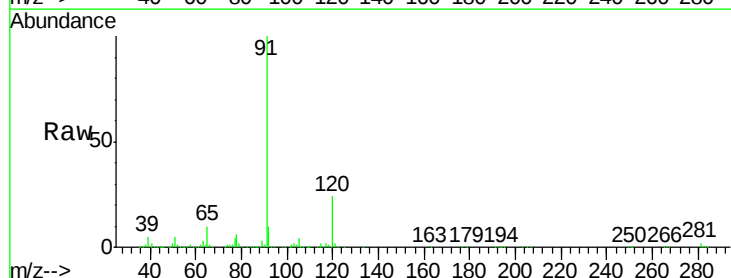
Acq: 29 Jun 2018 23:50

Tgt Ion: 91 Resp: 330156

Ion Ratio Lower Upper

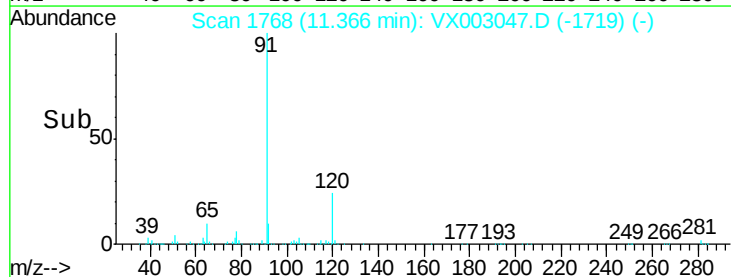
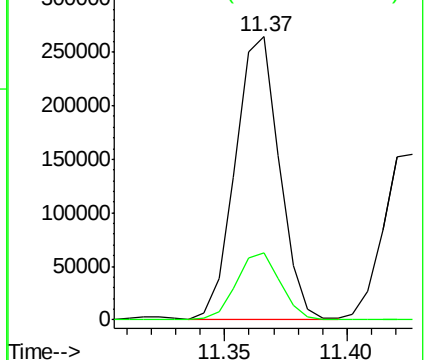
91 100

120 23.9 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.07 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :

MSVOA_X

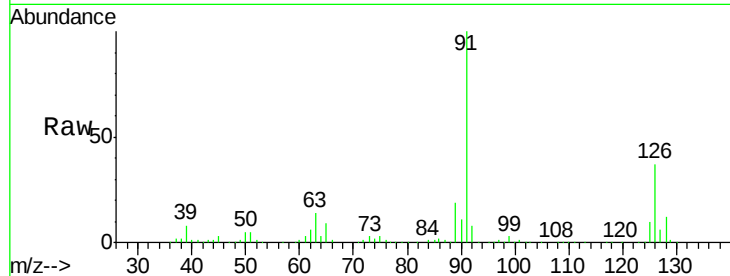
ClientSampleId :

Tot Ion: 91 Resp: 200042

Ion Ratio Lower Upper

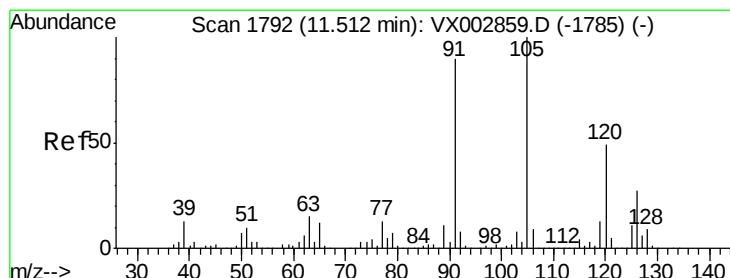
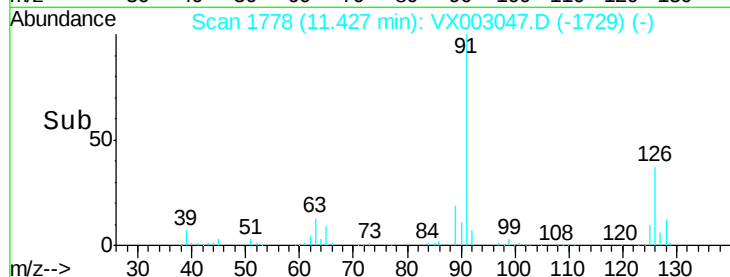
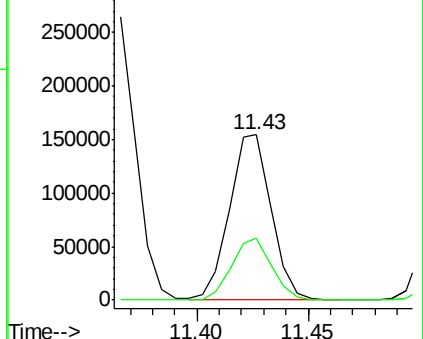
91 100

126 36.3 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.02 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003047.D

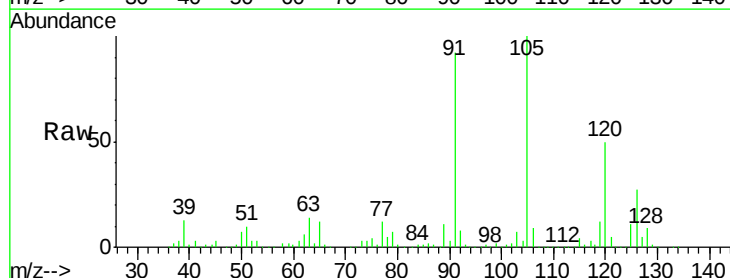
Acq: 29 Jun 2018 23:50

Tgt Ion:105 Resp: 243836

Ion Ratio Lower Upper

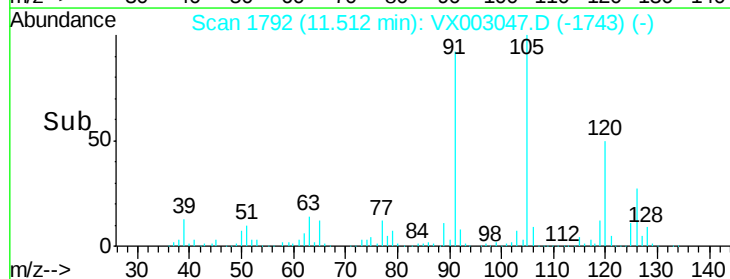
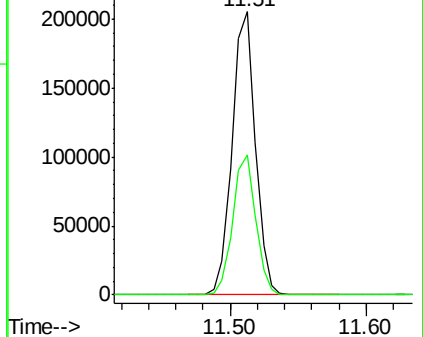
105 100

120 49.2 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.06 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :

MSVOA_X

ClientSampled :

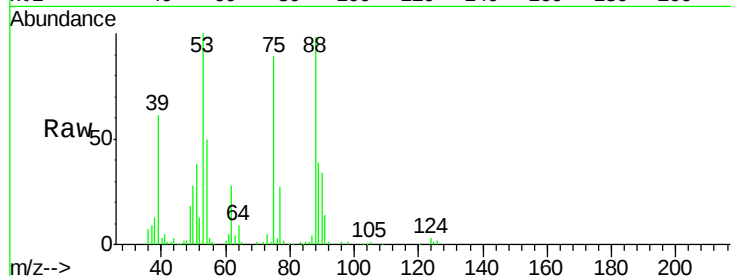
Tot Ion: 75 Resp: 19714

Ion Ratio Lower Upper

75 100

53 118.8 86.8 130.2

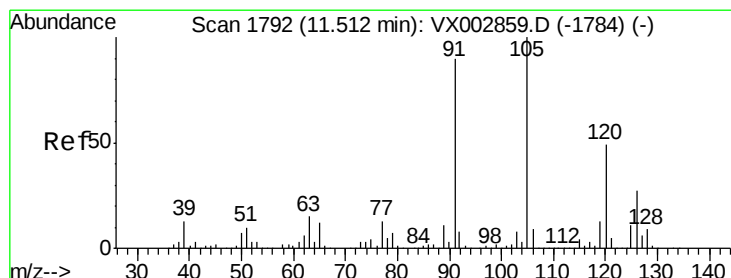
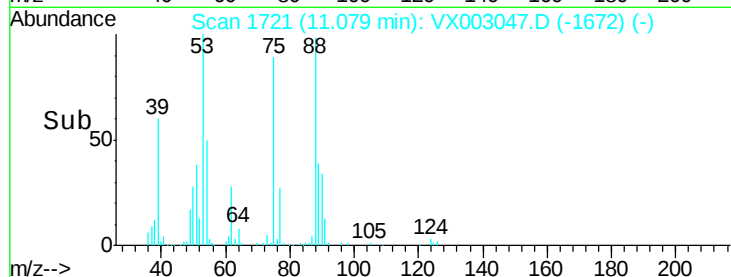
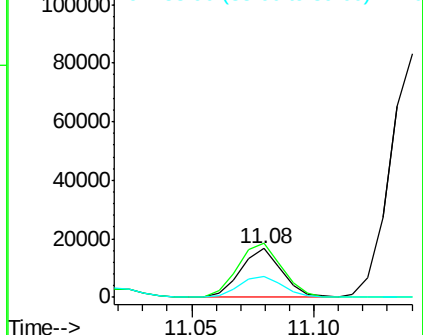
89 46.5 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.22 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003047.D

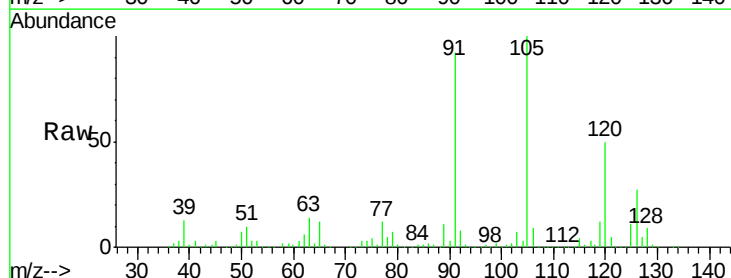
Acq: 29 Jun 2018 23:50

Tgt Ion: 91 Resp: 238600

Ion Ratio Lower Upper

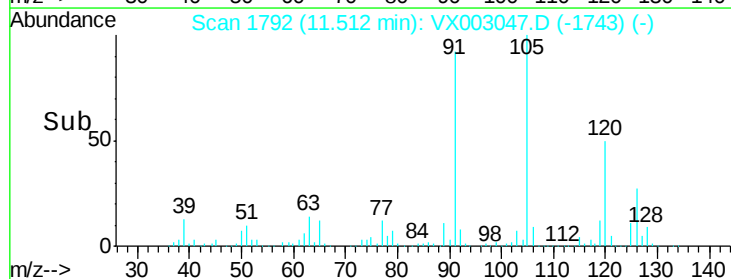
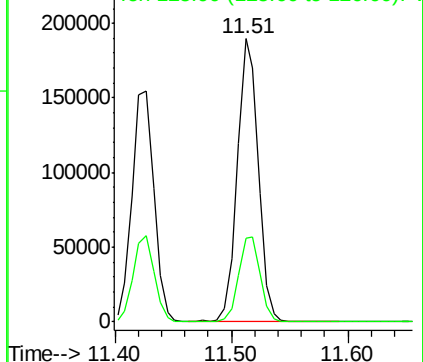
91 100

126 31.0 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

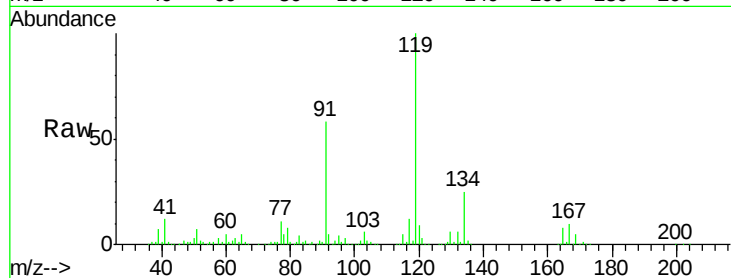




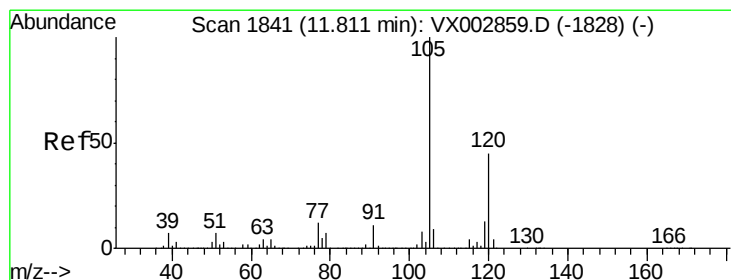
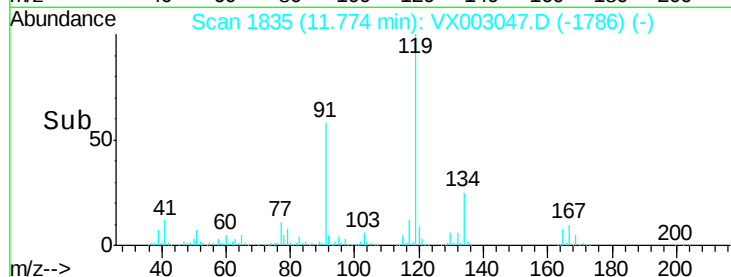
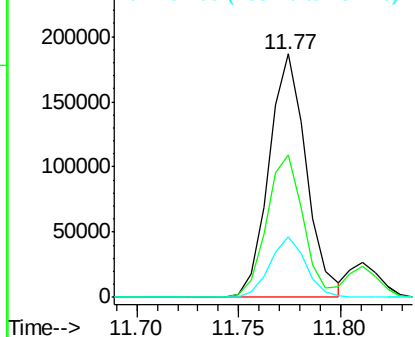
#83
tert-Butylbenzene
Concen: 19.86 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:119 Resp: 238354
Ion Ratio Lower Upper
119 100
91 56.7 30.3 90.9
134 24.0 11.7 35.1

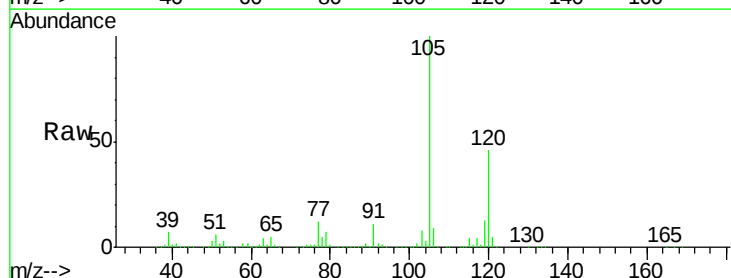


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

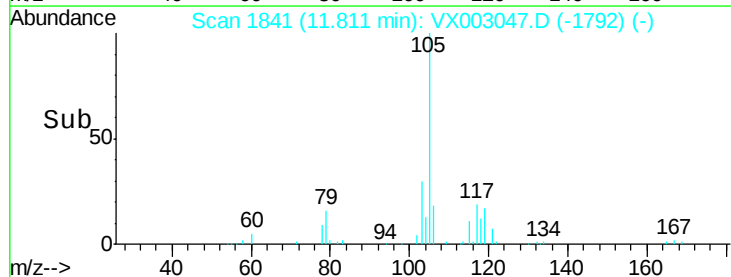
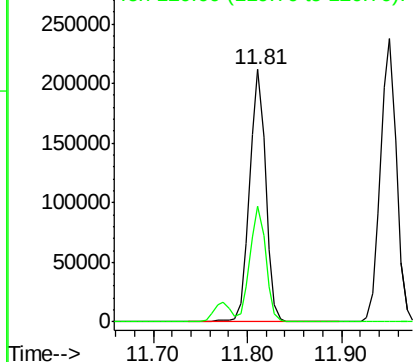


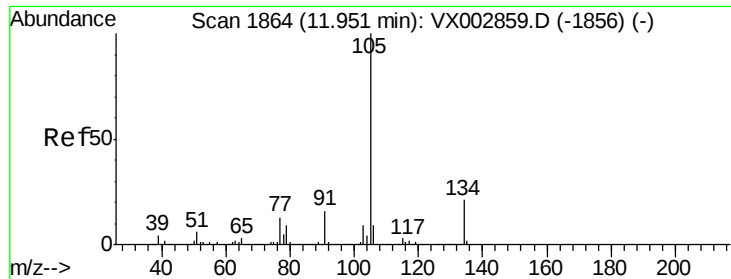
#84
1,2,4-Trimethylbenzene
Concen: 20.09 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Tgt Ion:105 Resp: 253542
Ion Ratio Lower Upper
105 100
120 45.6 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.34 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :

MSVOA_X

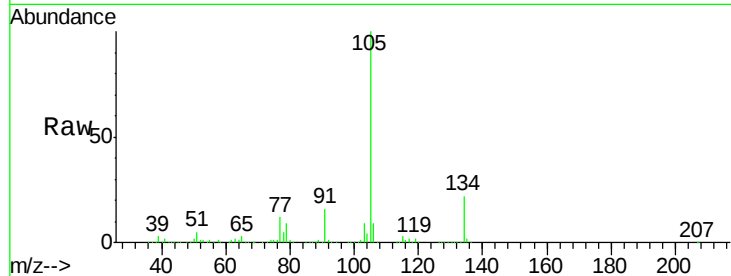
ClientSampled :

Tot Ion:105 Resp: 281575

Ion Ratio Lower Upper

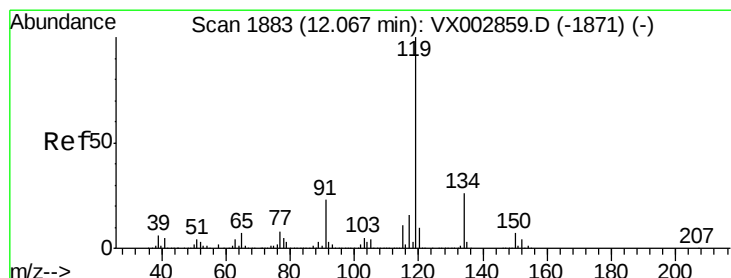
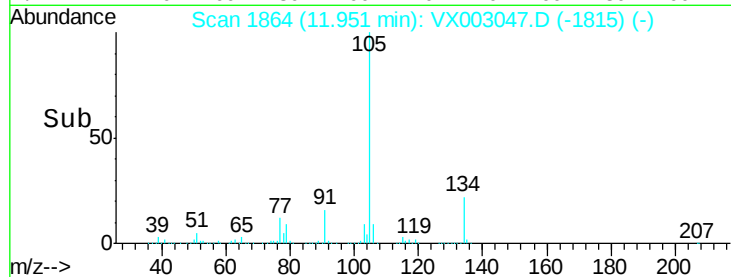
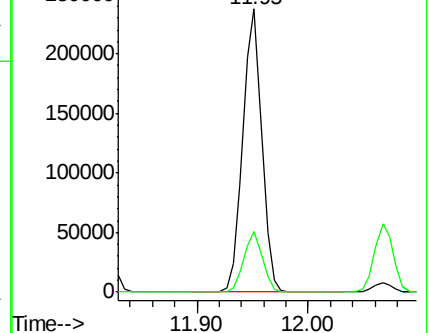
105 100

134 21.2 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.52 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

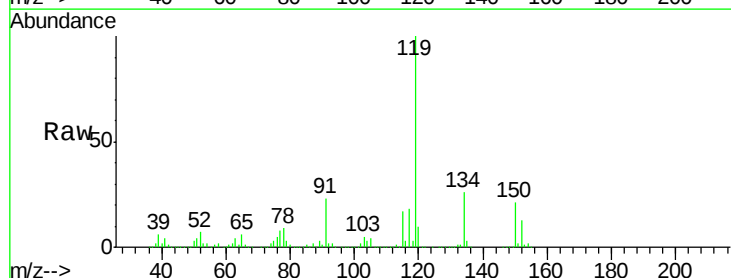
Tgt Ion:119 Resp: 255515

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

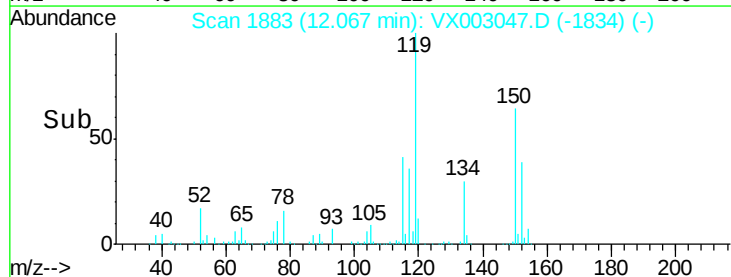
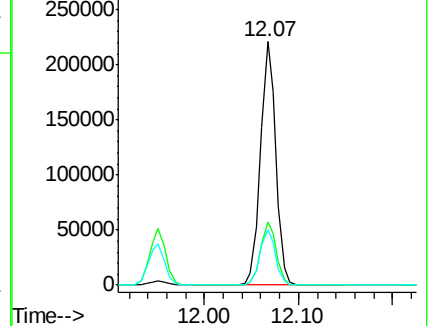
91 23.0 11.9 35.7

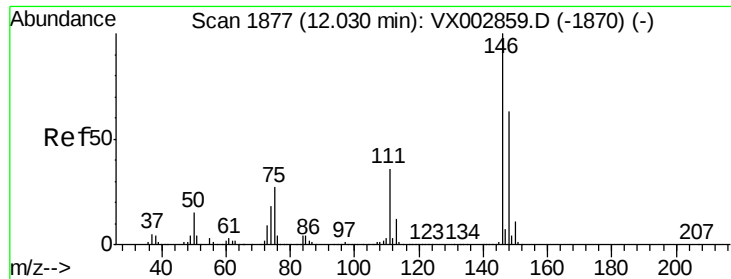


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 19.77 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :

MSVOA_X

ClientSampled :

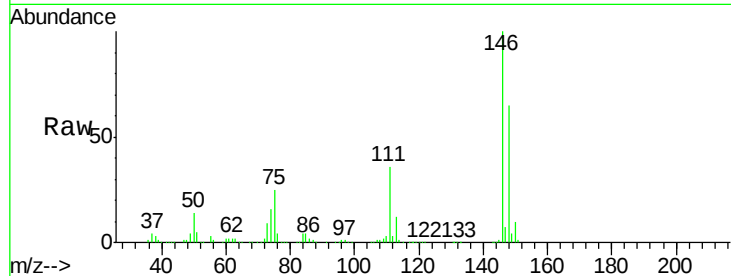
Tot Ion:146 Resp: 148697

Ion Ratio Lower Upper

146 100

111 37.4 18.9 56.7

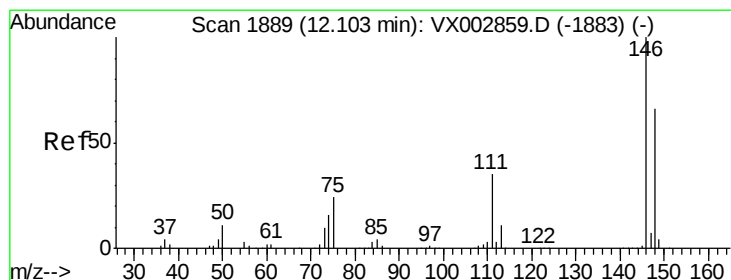
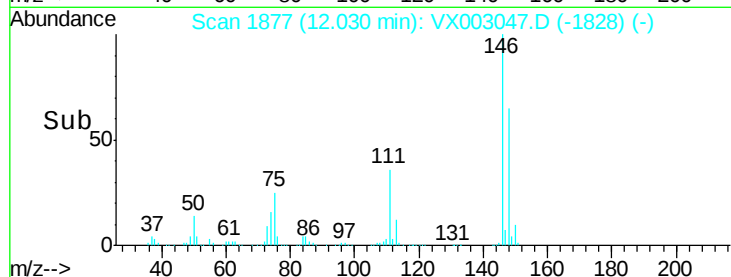
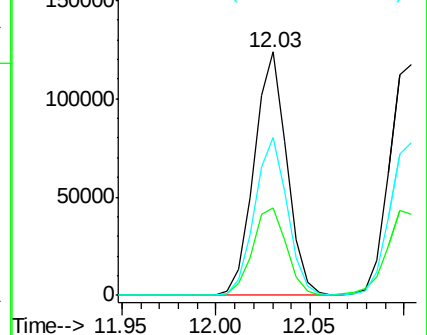
148 64.8 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.38 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

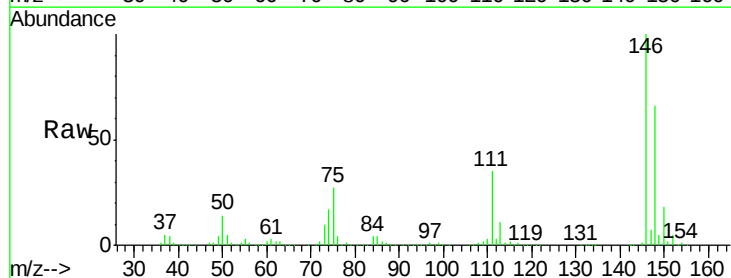
Tgt Ion:146 Resp: 149995

Ion Ratio Lower Upper

146 100

111 37.8 18.7 56.1

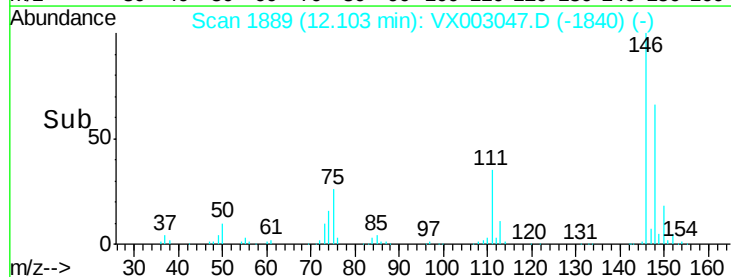
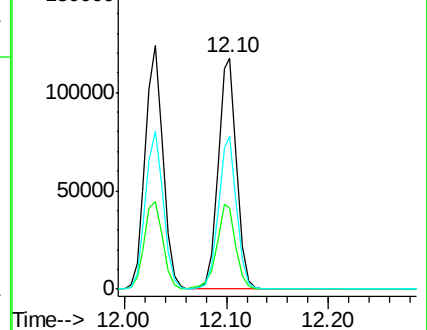
148 65.2 32.4 97.0



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





#89

n-Butylbenzene

Concen: 18.02 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :

MSVOA_X

ClientSampled :

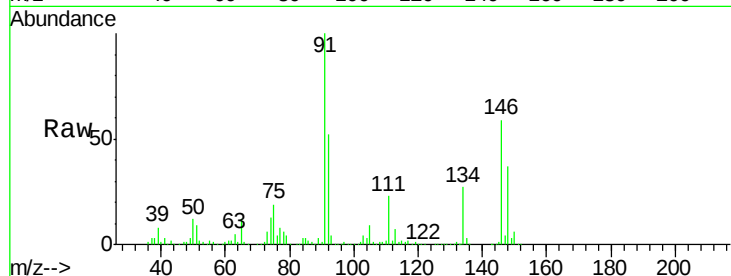
Tot Ion: 91 Resp: 205352

Ion Ratio Lower Upper

91 100

92 51.2 26.0 78.0

134 27.3 13.5 40.5

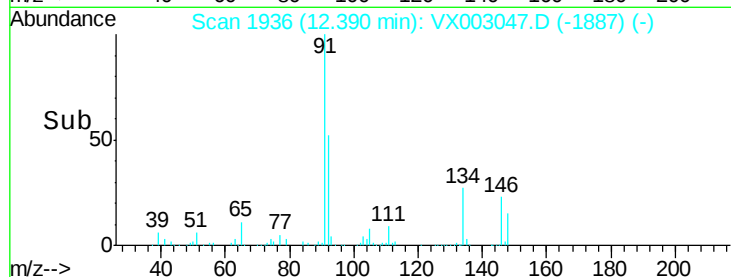


Abundance Ion 91.00 (90.70 to 91.70): VX002859.D (-1928) (-)

Ion 92.00 (91.70 to 92.70): VX002859.D (-1928) (-)

Ion 134.00 (133.70 to 134.70): VX002859.D (-1928) (-)

Time--> 12.30 12.40

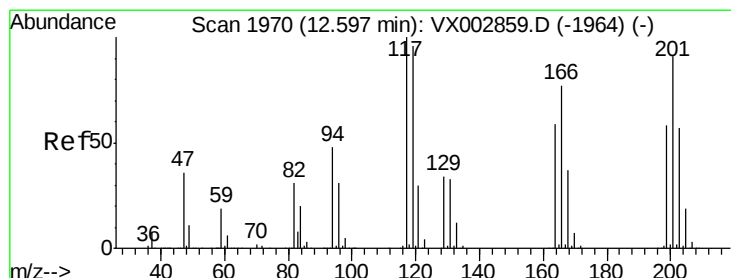


Abundance Ion 91.00 (90.70 to 91.70): VX003047.D (-1887) (-)

Ion 92.00 (91.70 to 92.70): VX003047.D (-1887) (-)

Ion 134.00 (133.70 to 134.70): VX003047.D (-1887) (-)

Time--> 12.30 12.40



#90

Hexachloroethane

Concen: 17.76 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003047.D

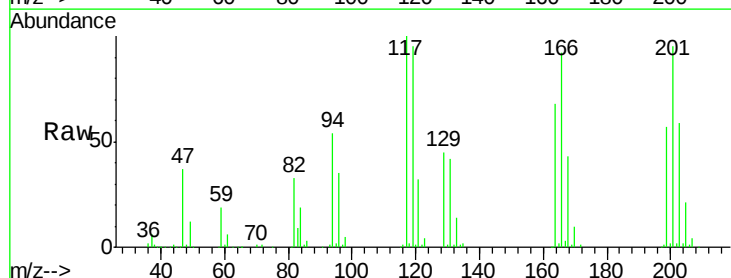
Acq: 29 Jun 2018 23:50

Tgt Ion: 117 Resp: 34576

Ion Ratio Lower Upper

117 100

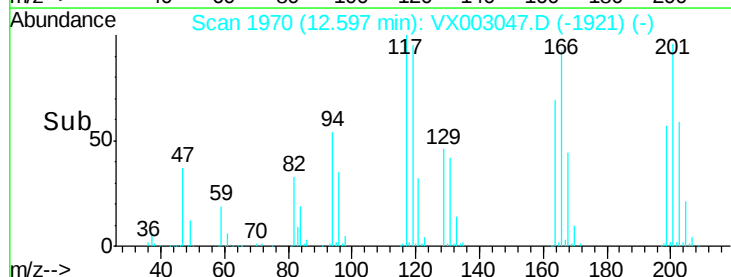
201 101.0 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): VX002859.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX002859.D (-1964) (-)

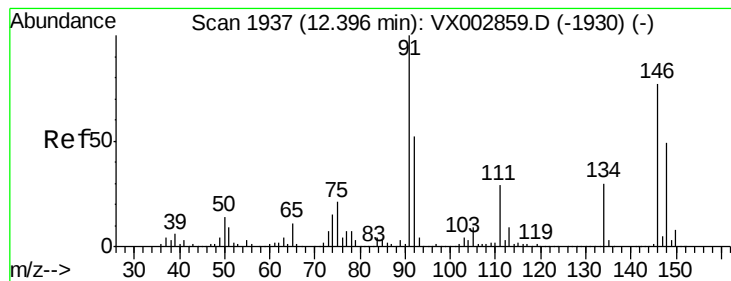
Time--> 12.55 12.65



Abundance Ion 116.80 (116.50 to 117.50): VX003047.D (-1921) (-)

Ion 200.70 (200.40 to 201.40): VX003047.D (-1921) (-)

Time--> 12.55 12.65



#91

1,2-Dichlorobenzene

Concen: 20.01 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :

MSVOA_X

ClientSampleId :

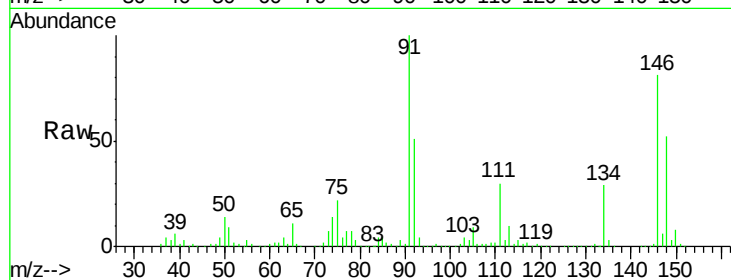
Tot Ion:146 Resp: 151939

Ion Ratio Lower Upper

146 100

111 37.7 19.4 58.1

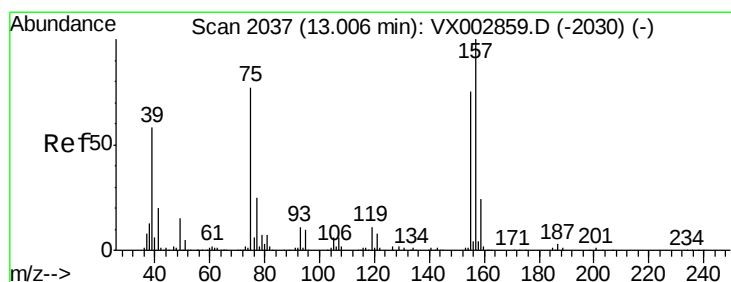
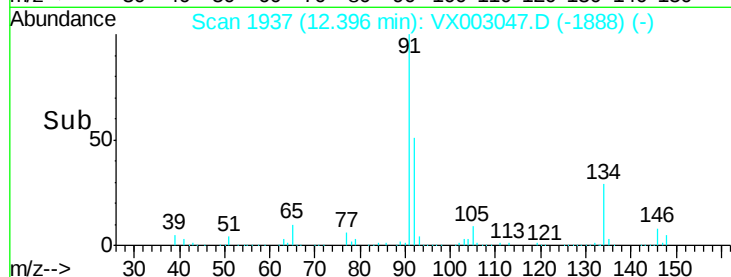
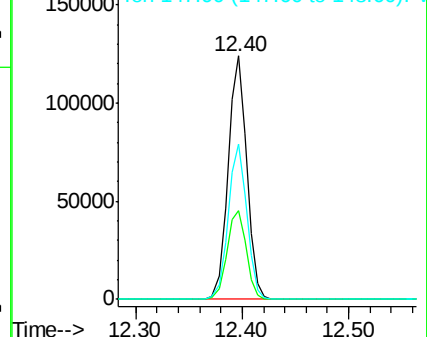
148 63.7 31.7 95.1



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: 19.47 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

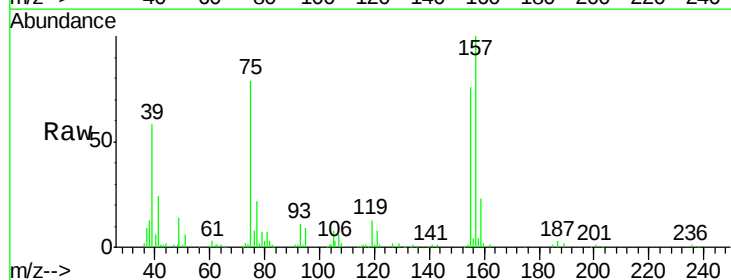
Tgt Ion: 75 Resp: 19493

Ion Ratio Lower Upper

75 100

155 93.7 45.8 137.4

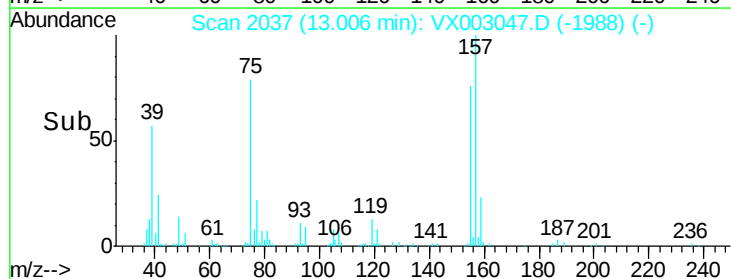
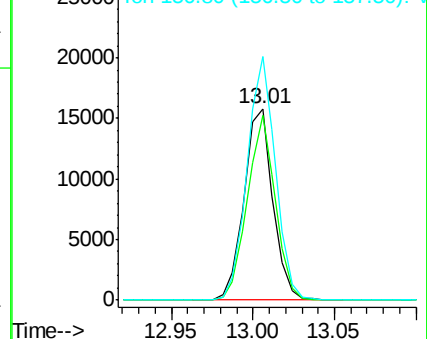
157 124.4 60.1 180.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

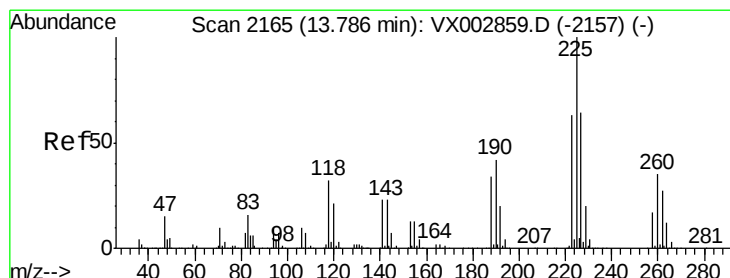
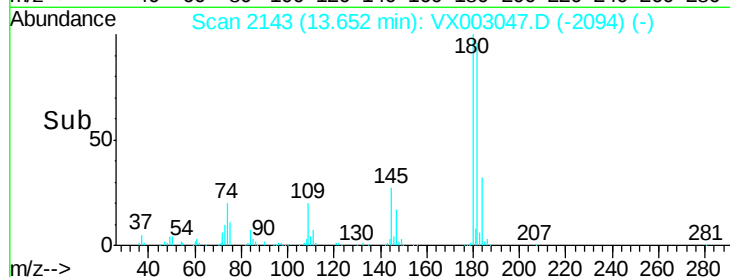
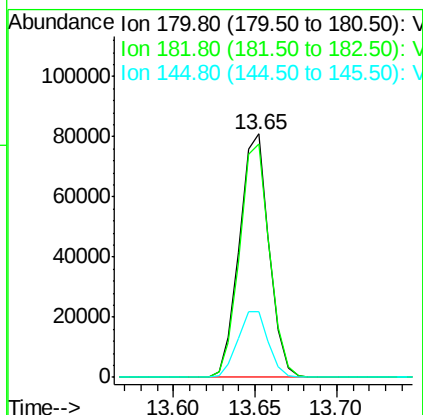
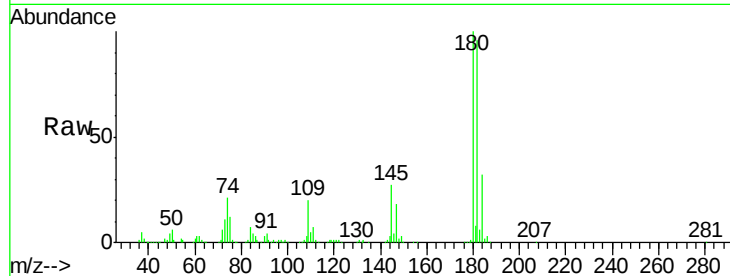




#93
 1,2,4-Trichlorobenzene
 Concen: 18.56 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003047.D
 Acq: 29 Jun 2018 23:50

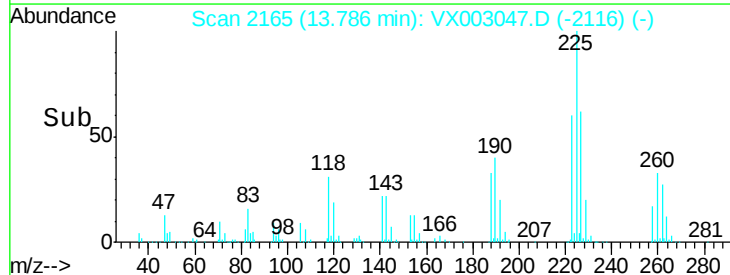
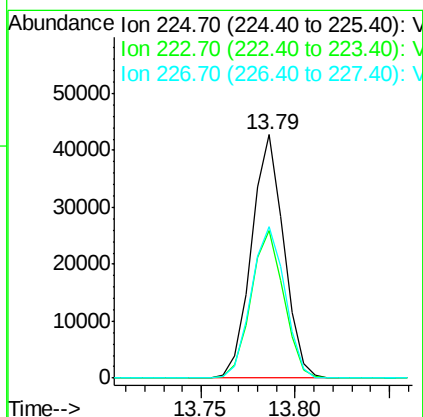
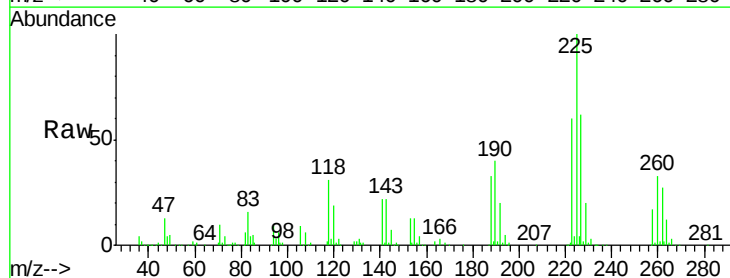
Instrument :
 MSVOA_X
 ClientSampleId :

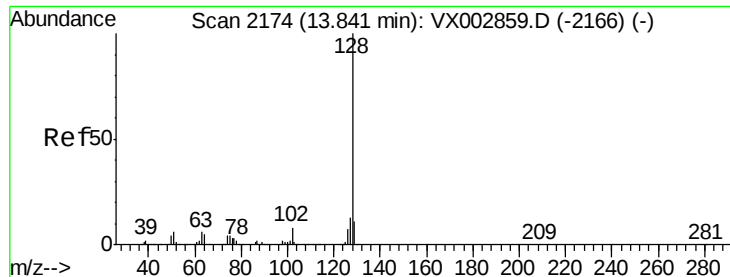
Tot Ion:180 Resp: 102554
 Ion Ratio Lower Upper
 180 100
 182 96.8 47.7 143.1
 145 27.9 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 18.40 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003047.D
 Acq: 29 Jun 2018 23:50

Tgt Ion:225 Resp: 50700
 Ion Ratio Lower Upper
 225 100
 223 61.6 31.6 95.0
 227 65.1 32.4 97.2

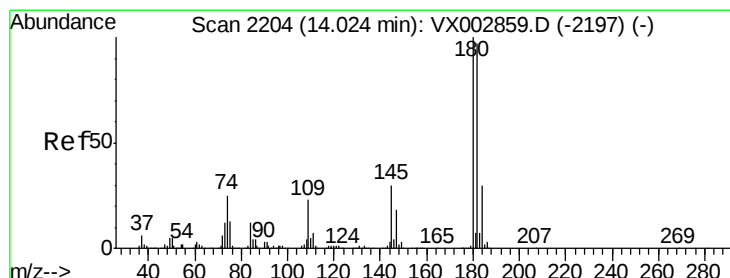
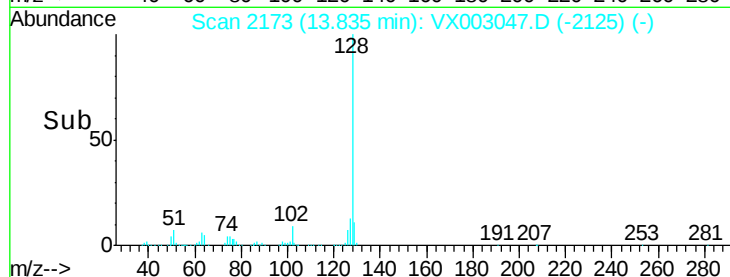
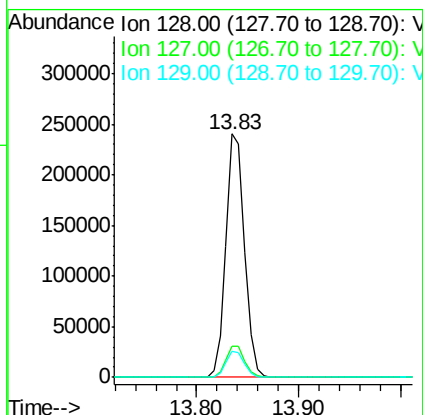
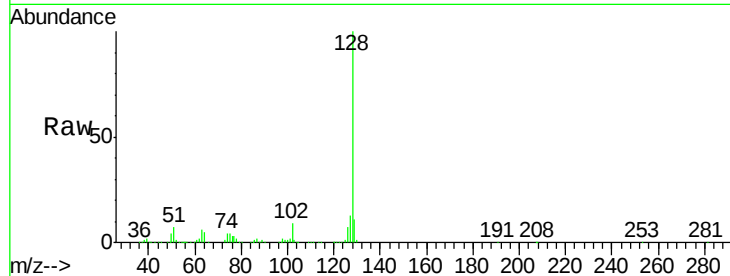




#95
Naphthalene
Concen: 20.54 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 302262
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.59 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Tgt Ion:180 Resp: 108090
Ion Ratio Lower Upper
180 100
182 95.1 48.0 144.0
145 29.8 14.8 44.3

