

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071818\
 Data File : VX003444.D
 Acq On : 18 Jul 2018 13:48
 Operator : JC/MD
 Sample : J3965-10MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 19 01:39:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 13:15:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	611401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	932689	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	846228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	512770	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	376368	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	
35) Dibromofluoromethane	5.51	113	348753	46.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.42%	
50) Toluene-d8	8.72	98	1326444	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
62) 4-Bromofluorobenzene	11.14	95	487339	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	163994	23.76	ug/l	98
3) Chloromethane	1.32	50	174169	23.32	ug/l	98
4) Vinyl Chloride	1.40	62	193570	23.78	ug/l	100
5) Bromomethane	1.64	94	76025	24.62	ug/l	98
6) Chloroethane	1.72	64	116007	24.57	ug/l	99
7) Trichlorofluoromethane	1.92	101	274792	25.45	ug/l	96
8) Diethyl Ether	2.19	74	112001	24.25	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	155098	22.74	ug/l	98
10) Methyl Iodide	2.51	142	174853	23.97	ug/l	93
11) Tert butyl alcohol	3.08	59	215137	119.48	ug/l	100
12) 1,1-Dichloroethene	2.37	96	156856	24.34	ug/l	91
13) Acrolein	2.29	56	73790	85.43	ug/l	99
14) Allyl chloride	2.73	41	263174	22.51	ug/l	87
15) Acrylonitrile	3.15	53	493555	119.64	ug/l	97
16) Acetone	2.45	43	415388	124.73	ug/l	90
17) Carbon Disulfide	2.57	76	398547	22.54	ug/l	99
18) Methyl Acetate	2.78	43	220742	20.35	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	531785	24.85	ug/l	98
20) Methylene Chloride	2.86	84	179026	29.92	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	163606	23.50	ug/l	94
22) Diisopropyl ether	3.88	45	530842	23.41	ug/l	93
23) Vinyl Acetate	3.83	43	1454489	77.77	ug/l	100
24) 1,1-Dichloroethane	3.70	63	315013	24.49	ug/l	99
25) 2-Butanone	4.71	43	636807	122.18	ug/l	92
26) 2,2-Dichloropropane	4.59	77	90355	10.01	ug/l	86
27) cis-1,2-Dichloroethene	4.60	96	186045	24.84	ug/l	94
28) Bromochloromethane	5.02	49	141716	25.37	ug/l	86
29) Tetrahydrofuran	5.17	42	409220	123.80	ug/l	91
30) Chloroform	5.22	83	302070	25.48	ug/l	98
31) Cyclohexane	5.57	56	251058	25.27	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	257453	25.54	ug/l	97
36) 1,1-Dichloropropene	5.80	75	218639	23.15	ug/l	97
37) Ethyl Acetate	4.87	43	168005	15.79	ug/l	95
38) Carbon Tetrachloride	5.78	117	228958	23.82	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	233399	21.59	ug/l	94
40) Benzene	6.15	78	695777	24.21	ug/l	100
41) Methacrylonitrile	5.07	41	137375	23.47	ug/l	92
42) 1,2-Dichloroethane	6.20	62	227364	23.07	ug/l	94
43) Isopropyl Acetate	6.47	43	315721	19.65	ug/l #	91
44) Trichloroethene	7.21	130	198530	23.85	ug/l	99
45) 1,2-Dichloropropane	7.52	63	179511	24.01	ug/l	98
46) Dibromomethane	7.67	93	116409	23.39	ug/l	94
47) Bromodichloromethane	7.90	83	220372	24.18	ug/l	98
48) Methyl methacrylate	7.78	41	196946	24.03	ug/l	85
49) 1,4-Dioxane	7.76	88	91040	485.20	ug/l #	93
51) 4-Methyl-2-Pentanone	8.65	43	1245939	117.83	ug/l	91
52) Toluene	8.79	92	436205	24.24	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	236260	21.95	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	215109	21.90	ug/l #	89
55) 1,1,2-Trichloroethane	9.22	97	183272	24.38	ug/l	97
56) Ethyl methacrylate	9.18	69	265868	24.98	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	294482	24.38	ug/l	100
59) 2-Hexanone	9.50	43	957628	117.87	ug/l	88
60) Dibromochloromethane	9.59	129	187011	25.04	ug/l	100
61) 1,2-Dibromoethane	9.68	107	189367	24.44	ug/l	100
64) Tetrachloroethene	9.34	164	216689	24.48	ug/l	97
65) Chlorobenzene	10.14	112	501886	25.11	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	182544	25.69	ug/l	99
67) Ethyl Benzene	10.26	91	830239	25.41	ug/l	99
68) m/p-Xylenes	10.36	106	648611	51.32	ug/l	96
69) o-Xylene	10.70	106	318760	26.26	ug/l	96
70) Styrene	10.71	104	523531	26.21	ug/l	97
71) Bromoform	10.86	173	150514	26.33	ug/l	99
73) Isopropylbenzene	11.02	105	838473	25.54	ug/l	99
74) N-amyl acetate	6.47	43	315721	20.00	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.27	83	263177	24.28	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	282605	30.44	ug/l	81
77) Bromobenzene	11.26	156	236987	25.41	ug/l	97
78) n-propylbenzene	11.37	91	931705	25.40	ug/l	99
79) 2-Chlorotoluene	11.42	91	560977	24.95	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	692315	25.81	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	57894	20.26	ug/l	87
82) 4-Chlorotoluene	11.51	91	655439	24.98	ug/l	98
83) tert-Butylbenzene	11.77	119	680774	25.97	ug/l	94
84) 1,2,4-Trimethylbenzene	11.81	105	715181	25.96	ug/l	97
85) sec-Butylbenzene	11.95	105	796687	25.05	ug/l	99
86) p-Isopropyltoluene	12.07	119	718708	25.39	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	419346	24.57	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	421695	24.33	ug/l	99
89) n-Butylbenzene	12.39	91	576698	23.92	ug/l	99
90) Hexachloroethane	12.60	117	107824	25.14	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	430119	25.09	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	56010	24.84	ug/l	87
93) 1,2,4-Trichlorobenzene	13.65	180	297399	25.35	ug/l	100

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Response via : Initial Calibration

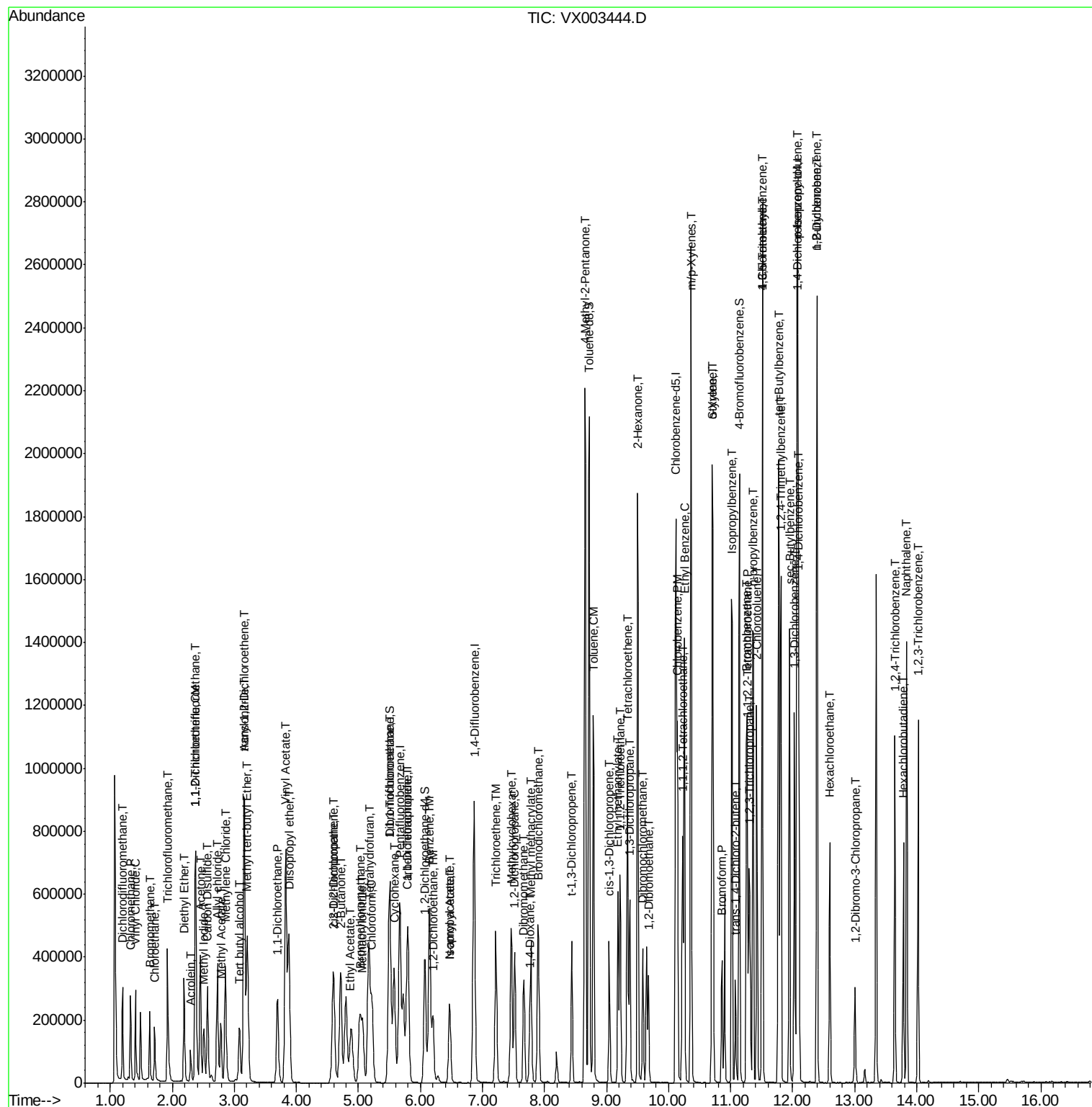
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	126818	22.46	ug/l	99
95) Naphthalene	13.83	128	913369	27.17	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	306612	25.41	ug/l	100

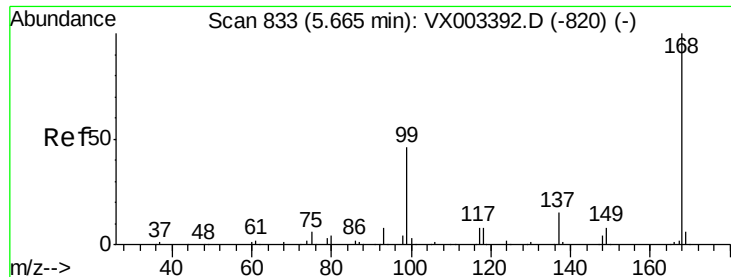
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003444.D

Acq: 18 Jul 2018 13:48

Instrument :

MSVOA_X

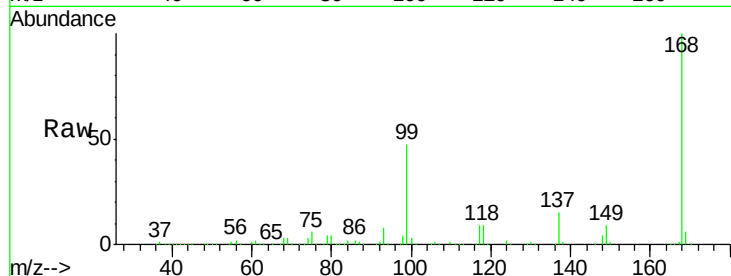
ClientSampleId :

Tot Ion:168 Resp: 611401

Ion Ratio Lower Upper

168 100

99 46.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

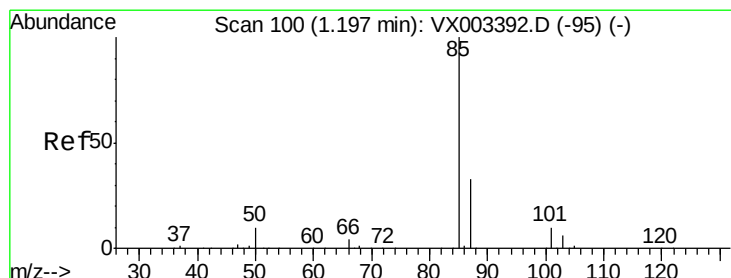
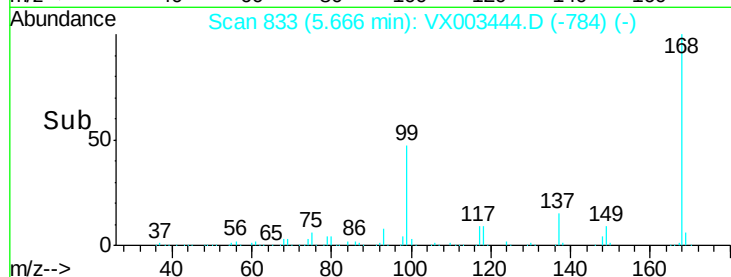
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 23.76 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003444.D

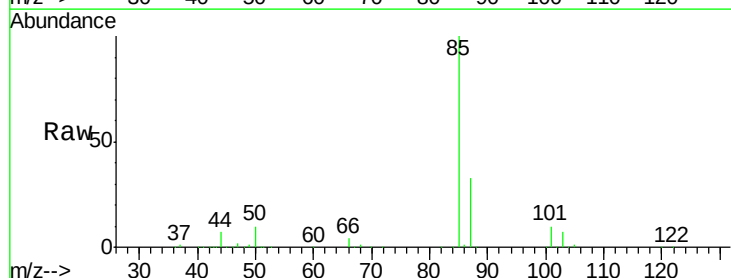
Acq: 18 Jul 2018 13:48

Tgt Ion: 85 Resp: 163994

Ion Ratio Lower Upper

85 100

87 33.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

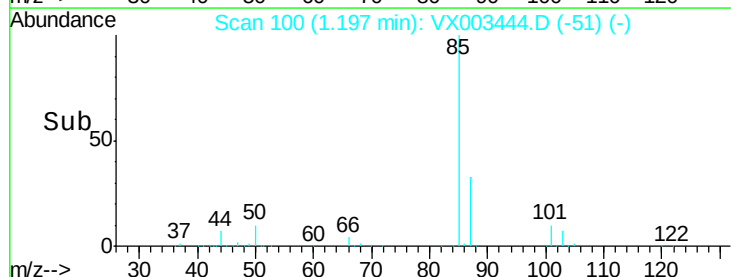
150000

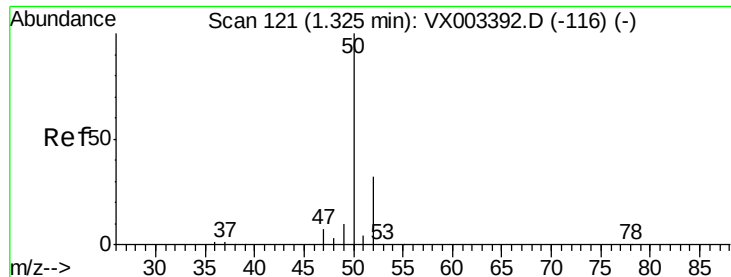
100000

50000

0

Time--> 1.10 1.20 1.30





#3

Chloromethane

Concen: 23.32 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003444.D

Acq: 18 Jul 2018 13:48

Instrument :

MSVOA_X

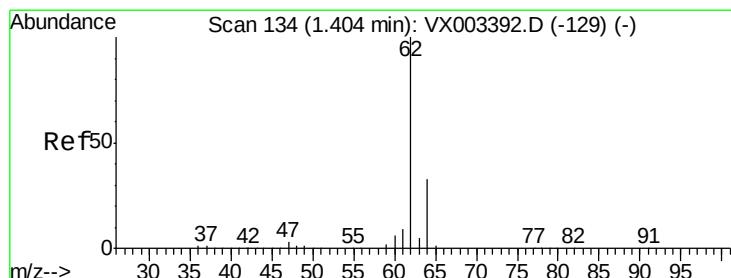
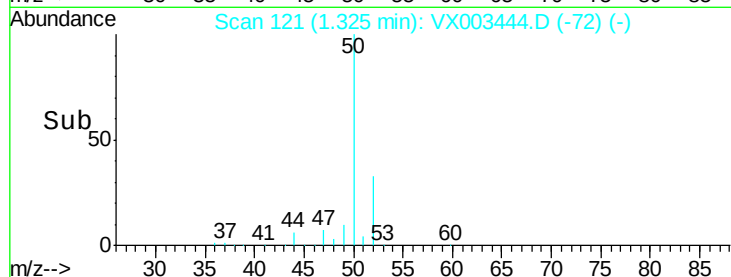
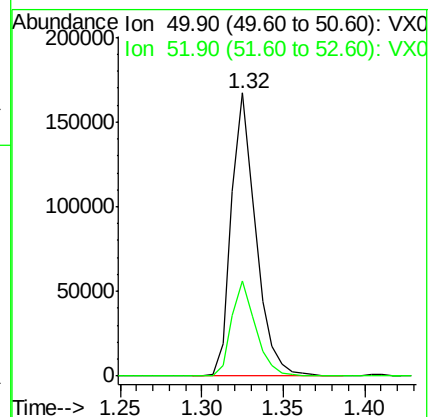
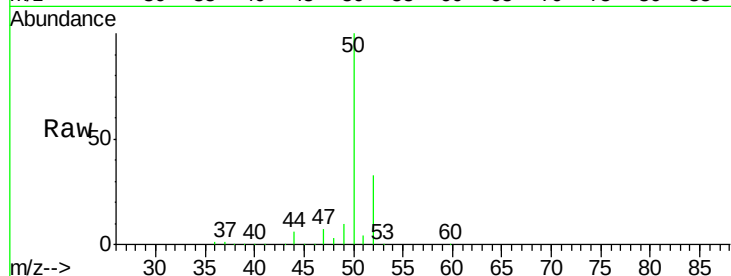
ClientSampleId :

Tot Ion: 50 Resp: 174169

Ion Ratio Lower Upper

50 100

52 33.4 25.7 38.5



#4

Vinyl Chloride

Concen: 23.78 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003444.D

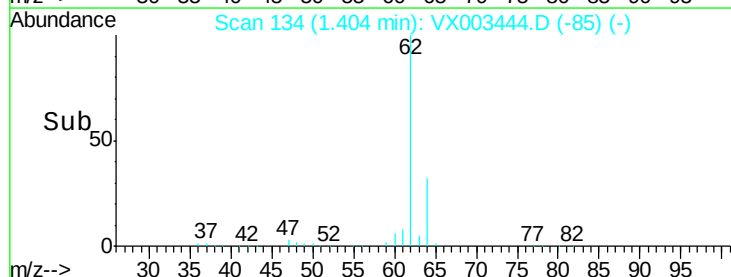
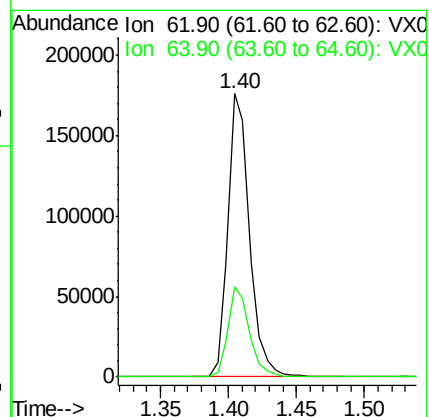
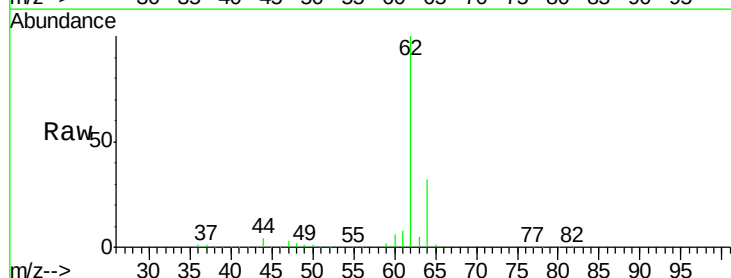
Acq: 18 Jul 2018 13:48

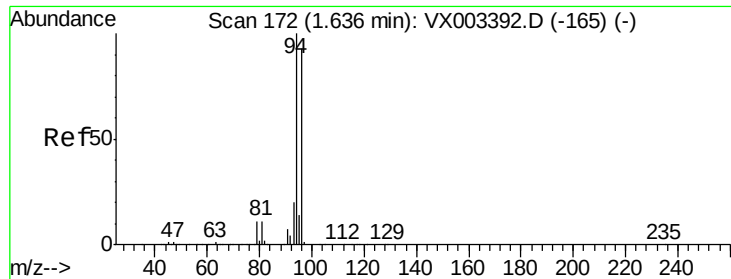
Tgt Ion: 62 Resp: 193570

Ion Ratio Lower Upper

62 100

64 31.9 25.4 38.2





#5

Bromomethane

Concen: 24.62 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003444.D

Acq: 18 Jul 2018 13:48

Instrument :

MSVOA_X

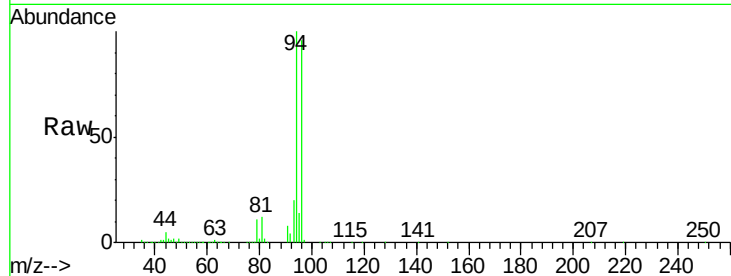
ClientSampleId :

Tot Ion: 94 Resp: 76025

Ion Ratio Lower Upper

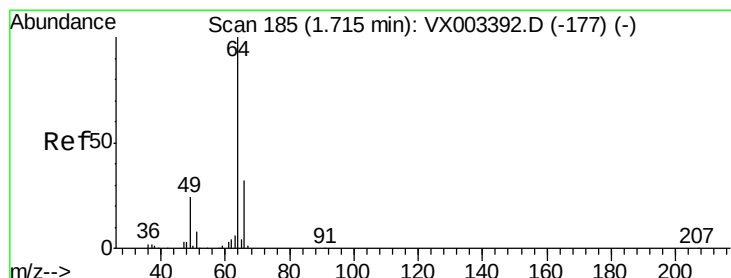
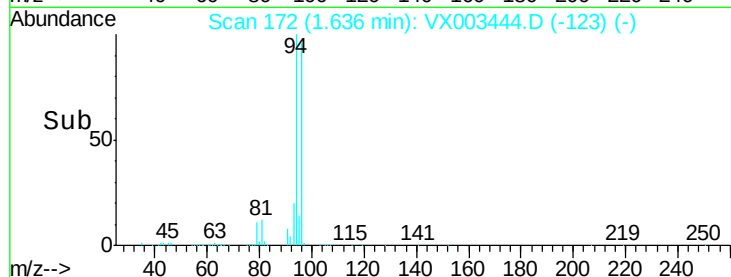
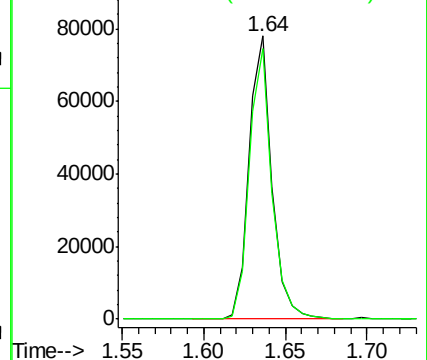
94 100

96 95.6 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: 24.57 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX003444.D

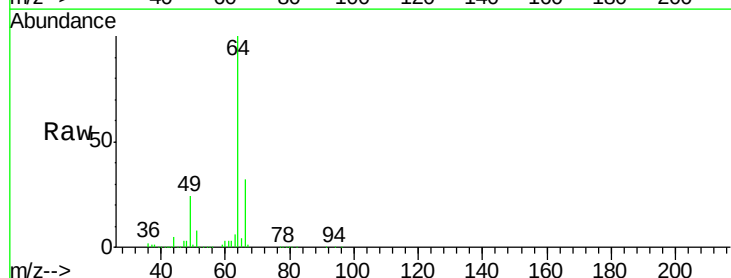
Acq: 18 Jul 2018 13:48

Tgt Ion: 64 Resp: 116007

Ion Ratio Lower Upper

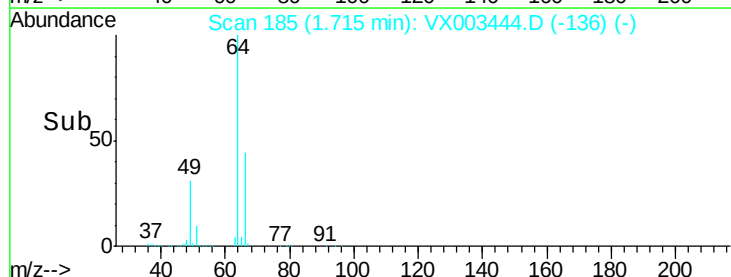
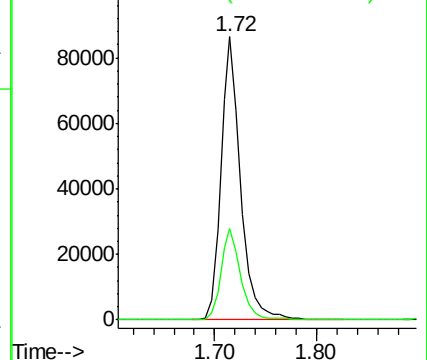
64 100

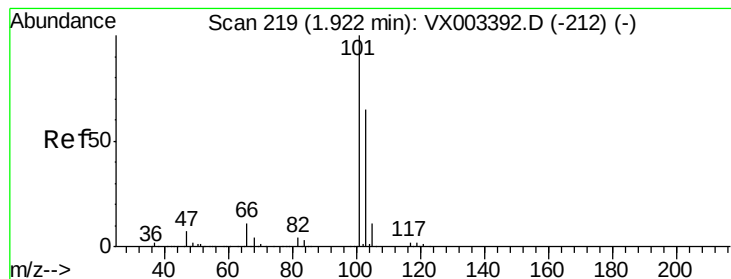
66 32.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



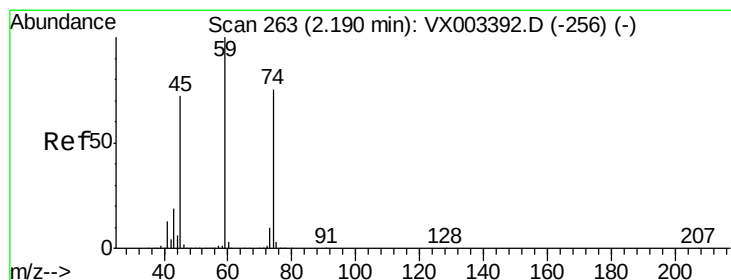
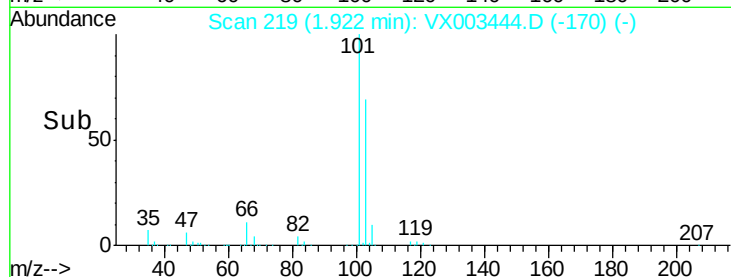
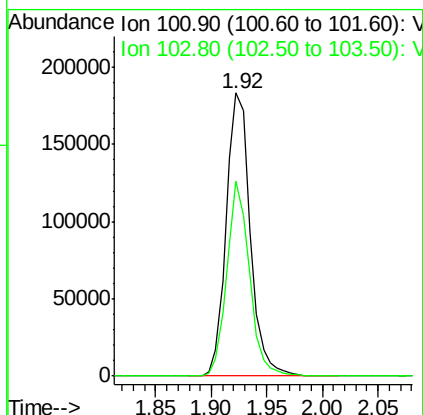
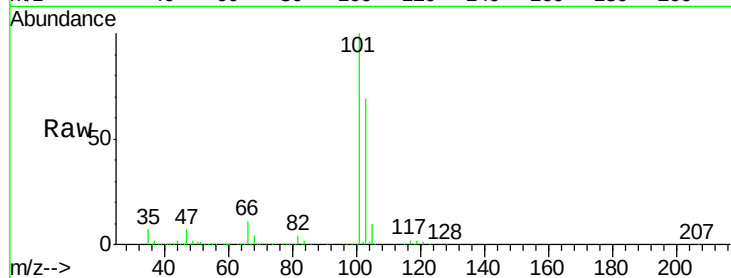


#7

Trichlorofluoromethane
 Concen: 25.45 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX003444.D
 Acq: 18 Jul 2018 13:48

Instrument :
 MSVOA_X
 ClientSampleId :

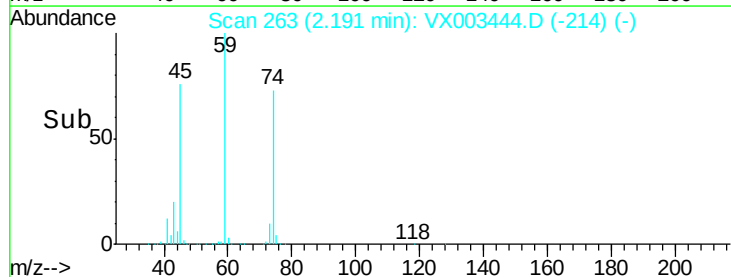
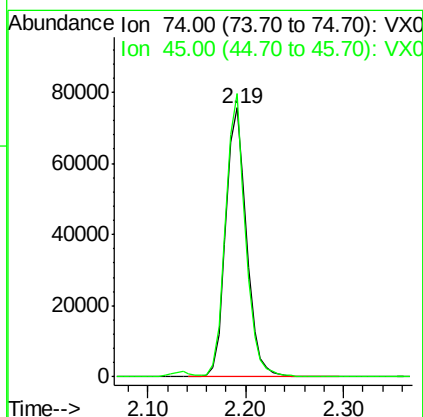
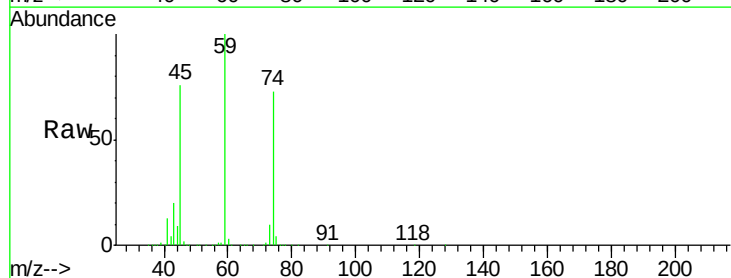
Tot Ion:101 Resp: 274792
 Ion Ratio Lower Upper
 101 100
 103 68.9 52.8 79.2

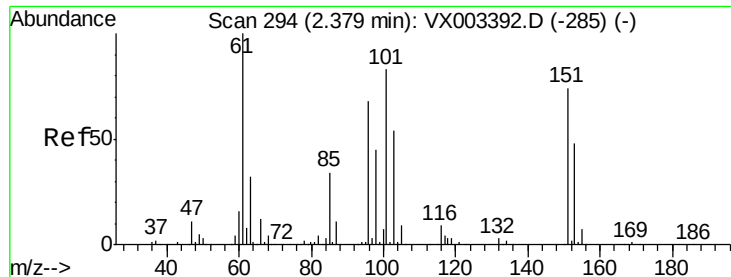


#8

Diethyl Ether
 Concen: 24.25 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003444.D
 Acq: 18 Jul 2018 13:48

Tgt Ion: 74 Resp: 112001
 Ion Ratio Lower Upper
 74 100
 45 99.7 53.1 159.4

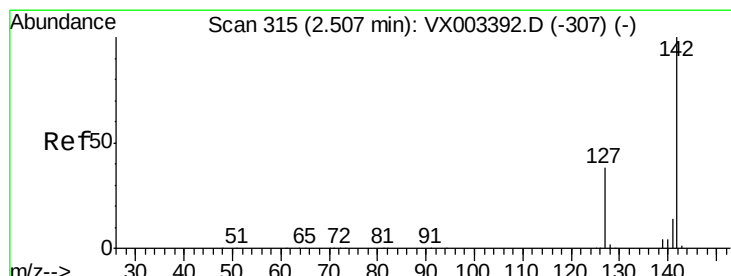
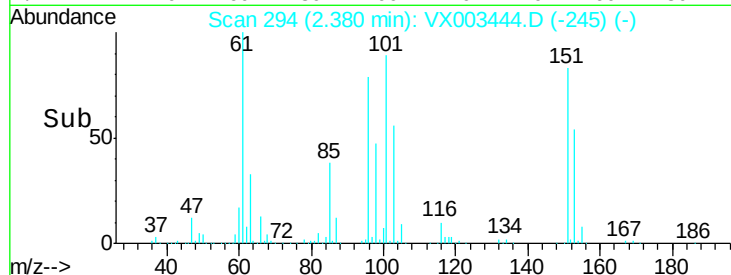
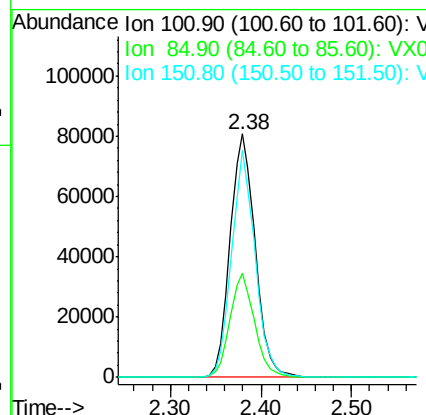
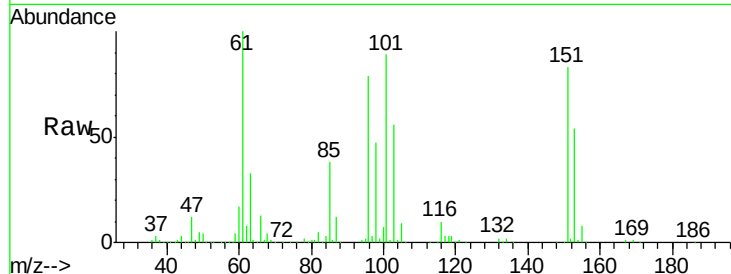




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 22.74 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VX003444.D
 Acq: 18 Jul 2018 13:48

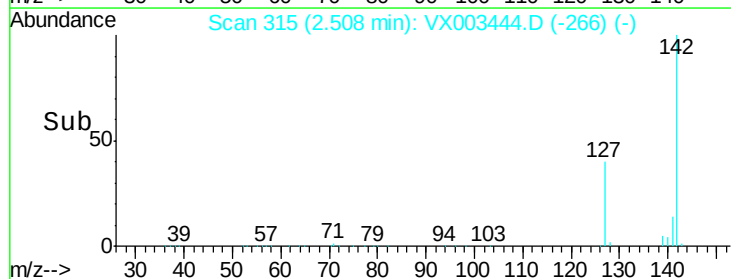
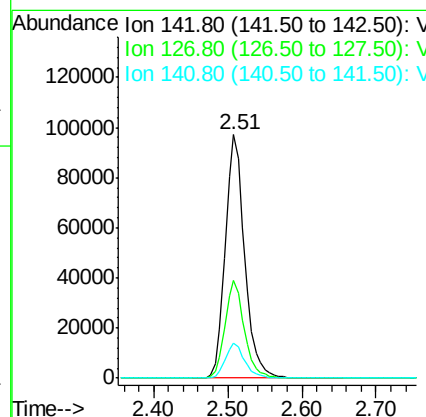
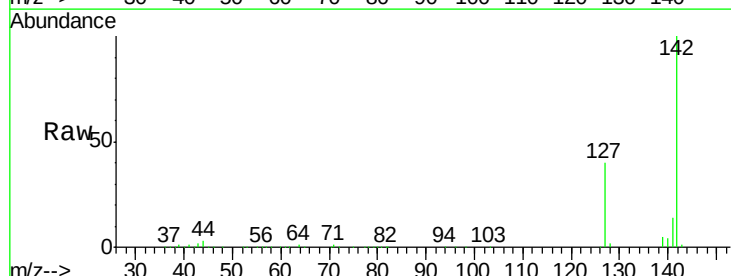
Instrument :
 MSVOA_X
 ClientSampled :

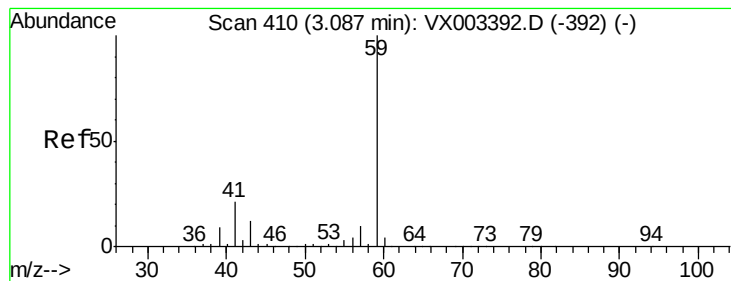
Tot Ion:101 Resp: 155098
 Ion Ratio Lower Upper
 101 100
 85 41.9 36.0 54.0
 151 88.1 70.9 106.3



#10
 Methyl Iodide
 Concen: 23.97 ug/l
 RT: 2.51 min Scan# 315
 Delta R.T. 0.00 min
 Lab File: VX003444.D
 Acq: 18 Jul 2018 13:48

Tgt Ion:142 Resp: 174853
 Ion Ratio Lower Upper
 142 100
 127 40.0 36.6 55.0
 141 14.4 11.3 16.9



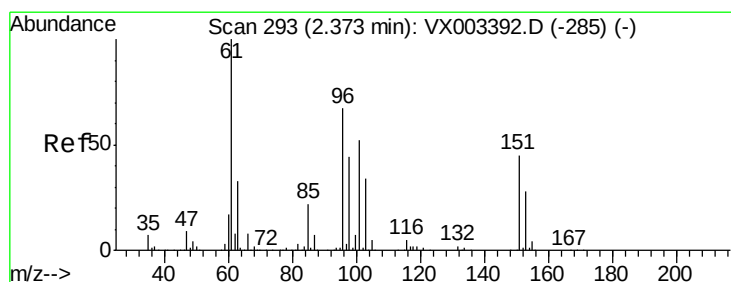
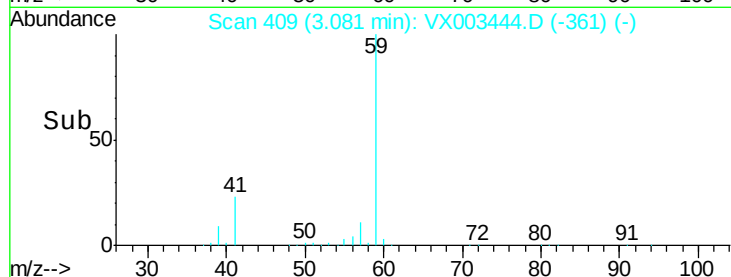
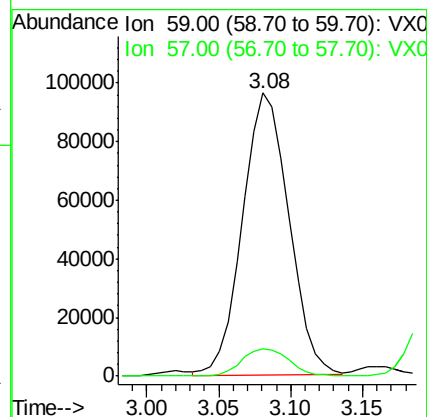
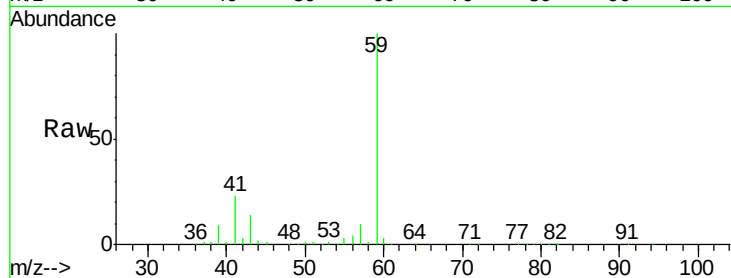


#11

Tert butyl alcohol
 Concen: 119.48 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: VX003444.D
 Acq: 18 Jul 2018 13:48

Instrument :
 MSVOA_X
 ClientSampled :

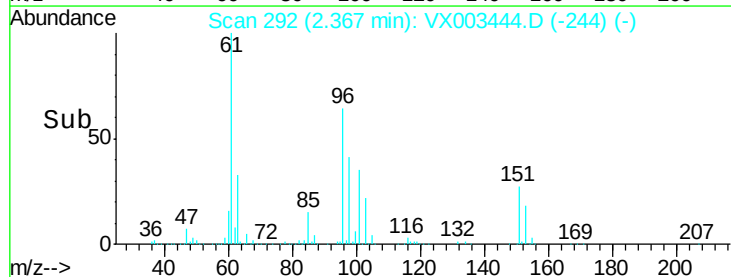
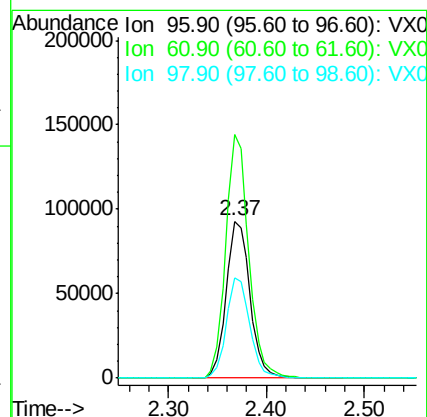
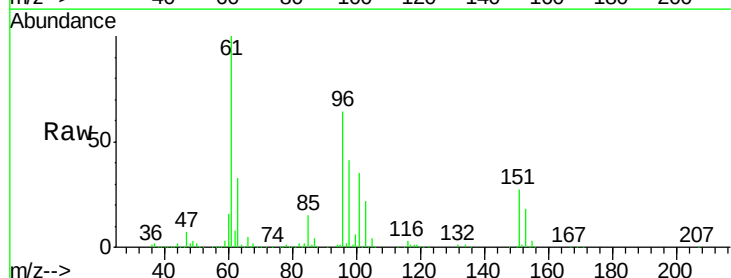
Tot Ion: 59 Resp: 215137
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.2

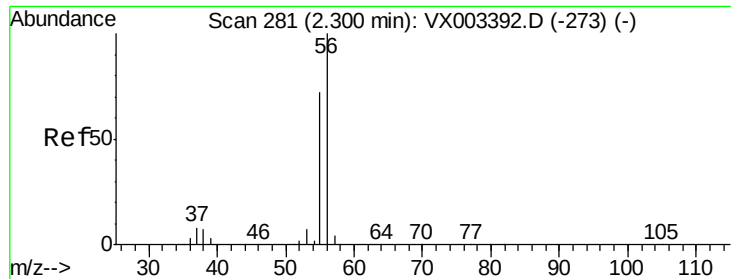


#12

1,1-Dichloroethene
 Concen: 24.34 ug/l
 RT: 2.37 min Scan# 292
 Delta R.T. -0.01 min
 Lab File: VX003444.D
 Acq: 18 Jul 2018 13:48

Tgt Ion: 96 Resp: 156856
 Ion Ratio Lower Upper
 96 100
 61 155.4 137.9 206.9
 98 63.7 51.6 77.4





#13

Acrolein

Concen: 85.43 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX003444.D

Acq: 18 Jul 2018 13:48

Instrument :

MSVOA_X

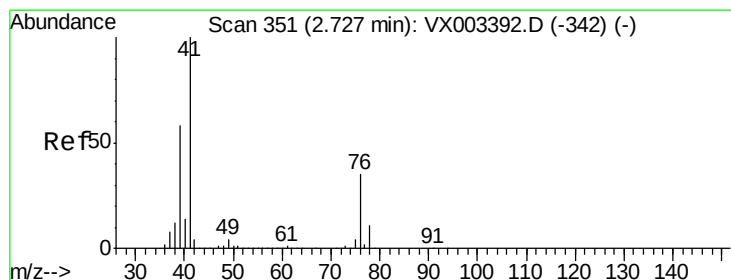
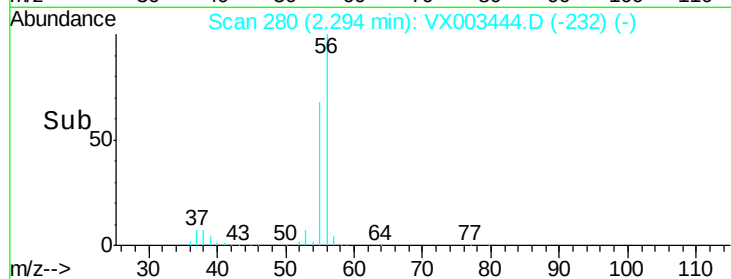
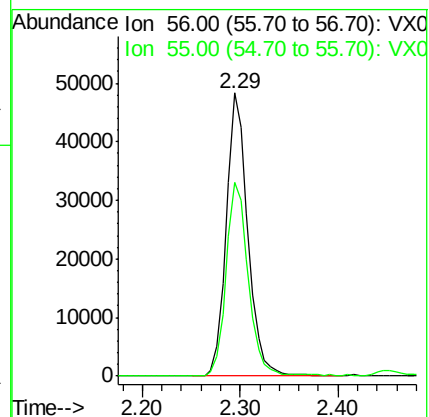
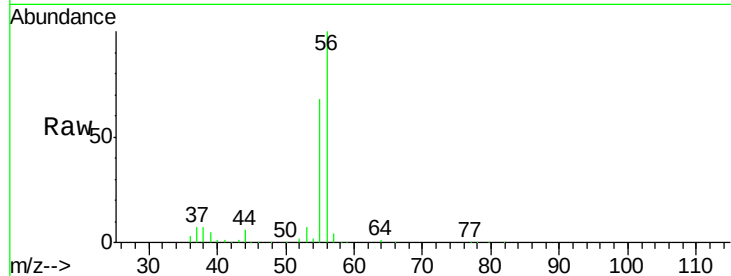
ClientSampled :

Tot Ion: 56 Resp: 73790

Ion Ratio Lower Upper

56 100

55 70.0 57.0 85.4



#14

Allyl chloride

Concen: 22.51 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003444.D

Acq: 18 Jul 2018 13:48

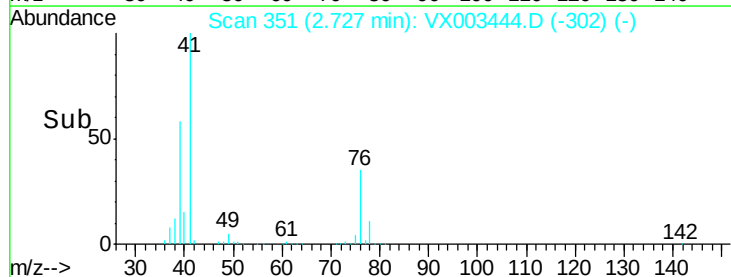
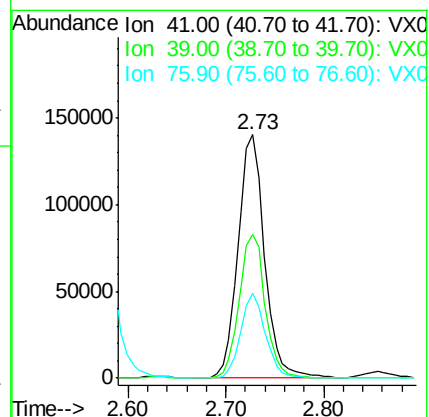
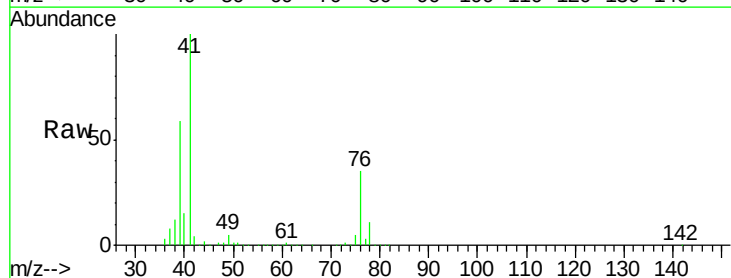
Tgt Ion: 41 Resp: 263174

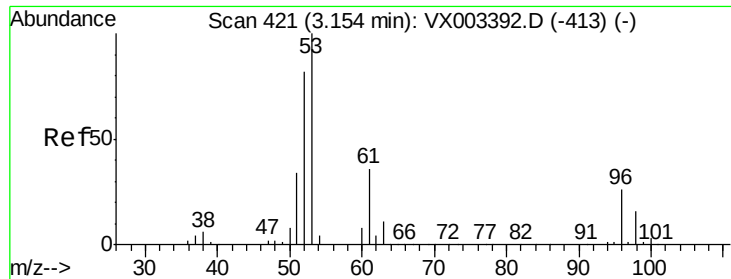
Ion Ratio Lower Upper

41 100

39 57.9 56.8 85.2

76 32.7 23.8 35.8





#15

Acrylonitrile

Concen: 119.64 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003444.D

Acq: 18 Jul 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

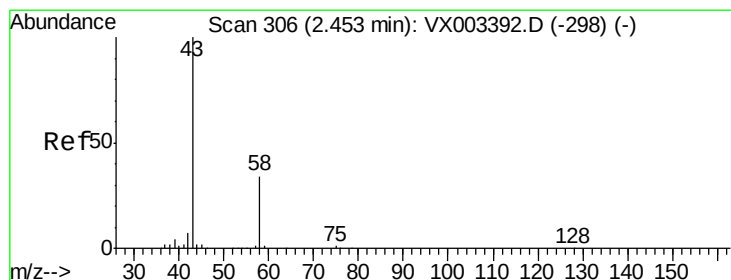
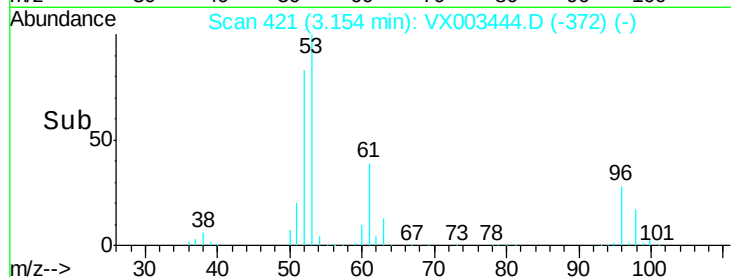
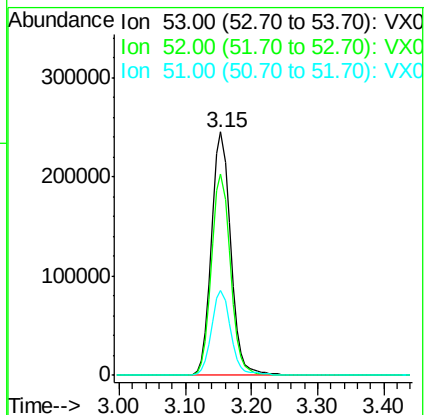
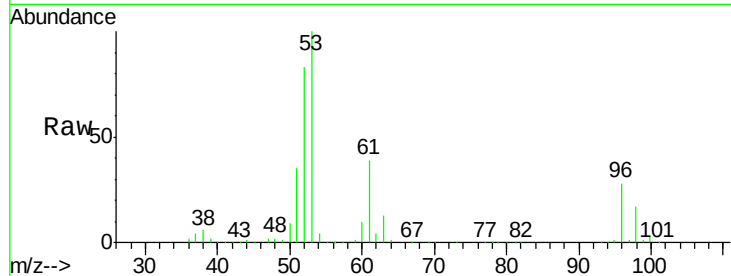
Tot Ion: 53 Resp: 493555

Ion Ratio Lower Upper

53 100

52 81.7 66.7 100.1

51 34.6 29.9 44.9



#16

Acetone

Concen: 124.73 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX003444.D

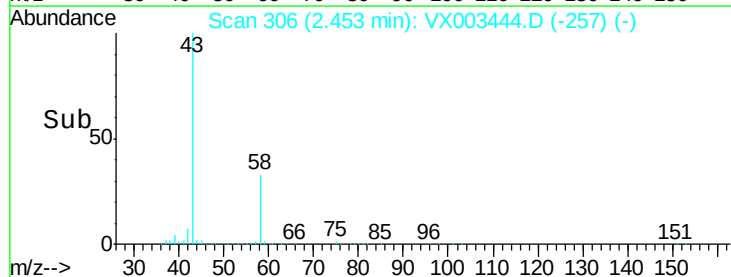
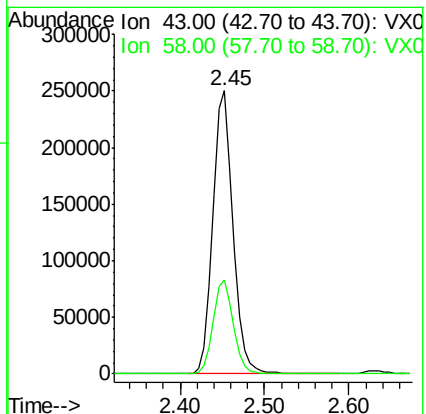
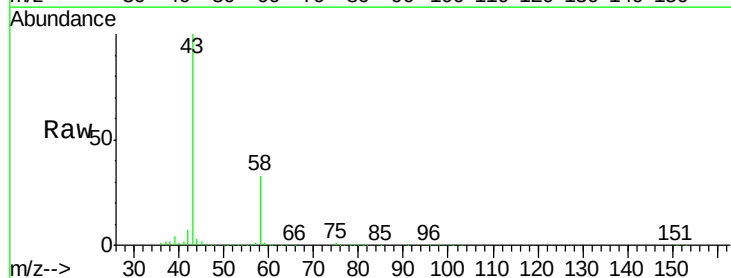
Acq: 18 Jul 2018 13:48

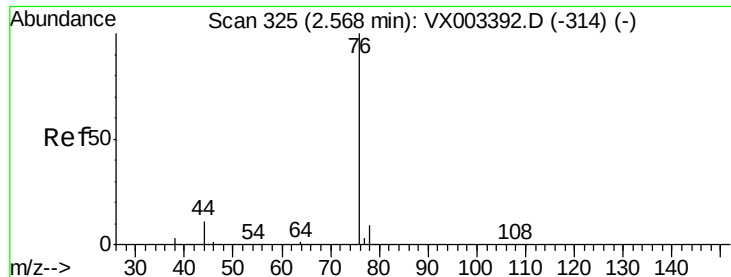
Tgt Ion: 43 Resp: 415388

Ion Ratio Lower Upper

43 100

58 33.0 22.1 33.1





#17

Carbon Disulfide

Concen: 22.54 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003444.D

Acq: 18 Jul 2018 13:48

Instrument :

MSVOA_X

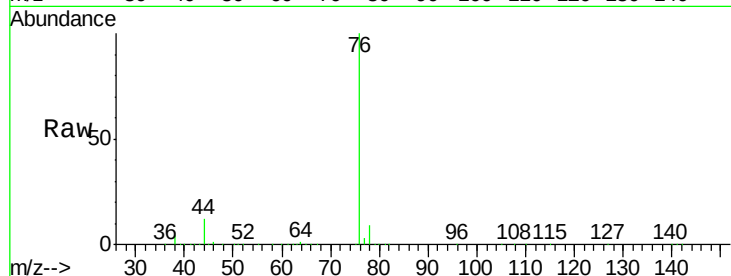
ClientSampleId :

Tot Ion: 76 Resp: 398547

Ion Ratio Lower Upper

76 100

78 9.0 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

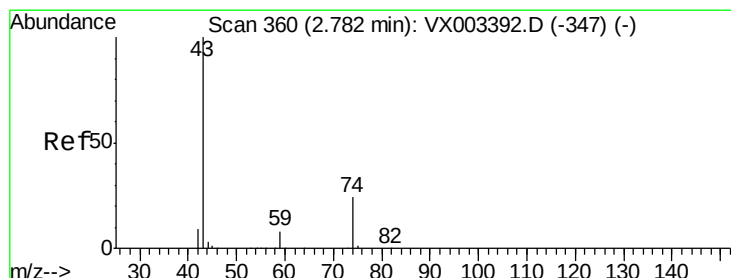
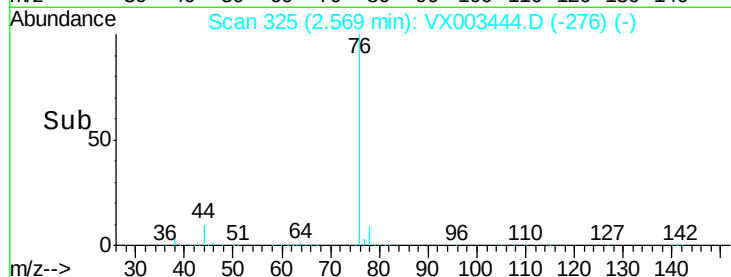
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 20.35 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003444.D

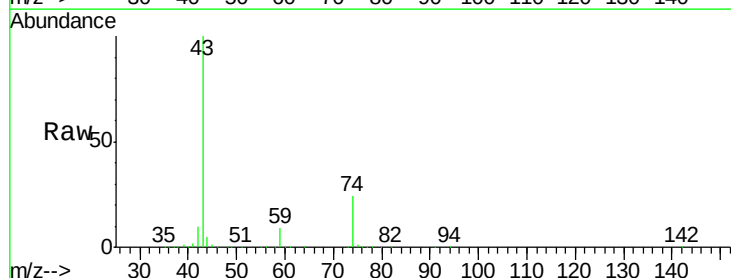
Acq: 18 Jul 2018 13:48

Tgt Ion: 43 Resp: 220742

Ion Ratio Lower Upper

43 100

74 22.8 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

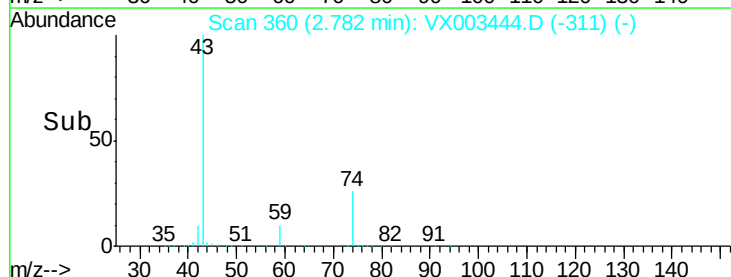
100000

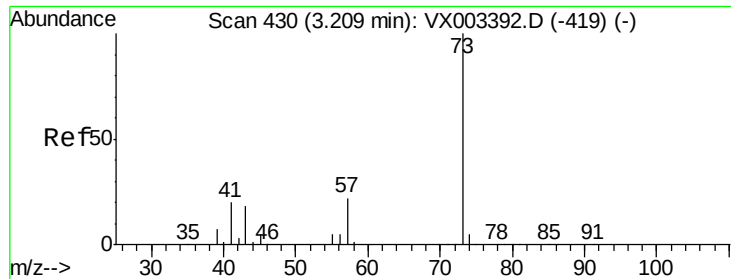
50000

0

2.60 2.70 2.80 2.90 3.00

Time-->

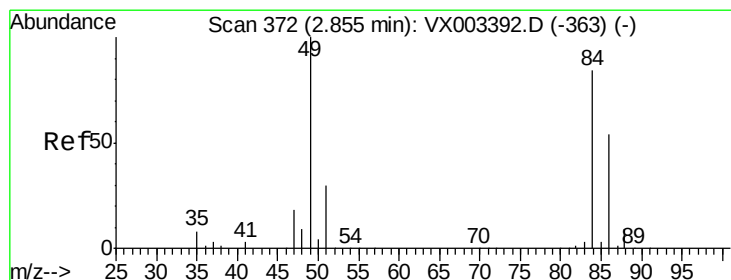
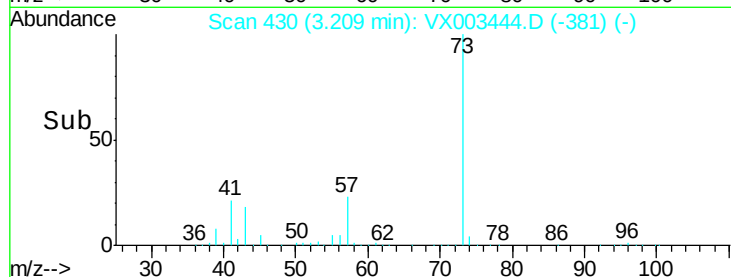
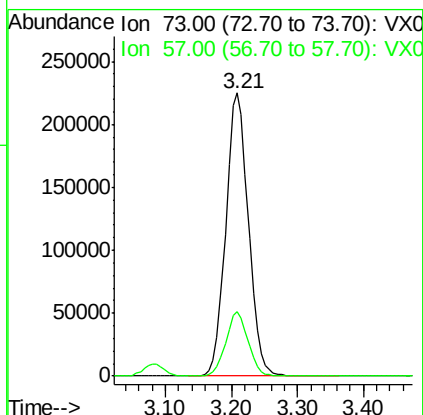
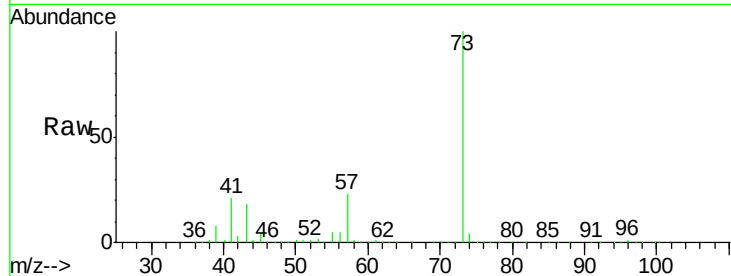




#19
Methyl tert-butyl Ether
Concen: 24.85 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003444.D
Acq: 18 Jul 2018 13:48

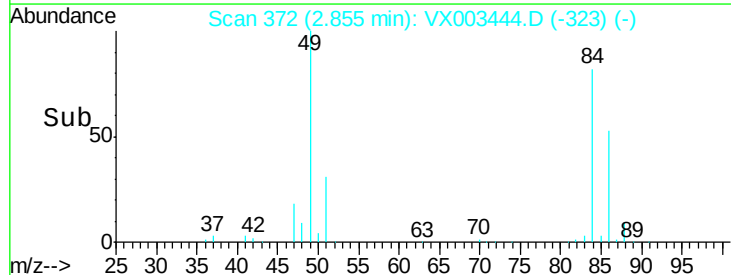
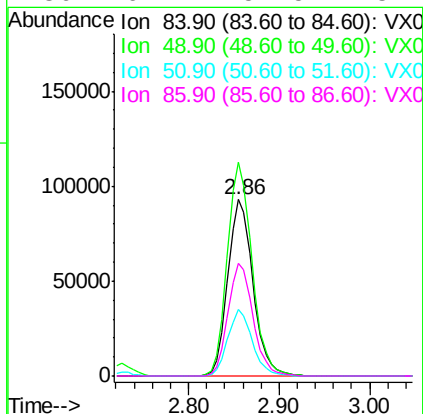
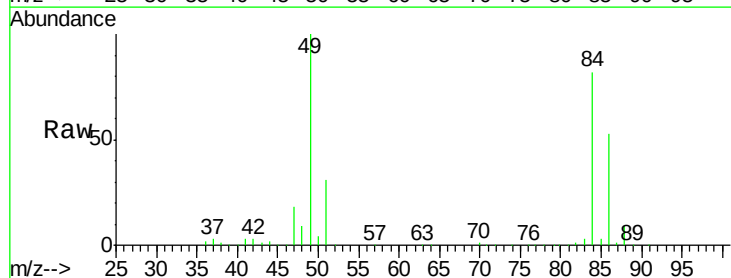
Instrument :
MSVOA_X
ClientSampled :

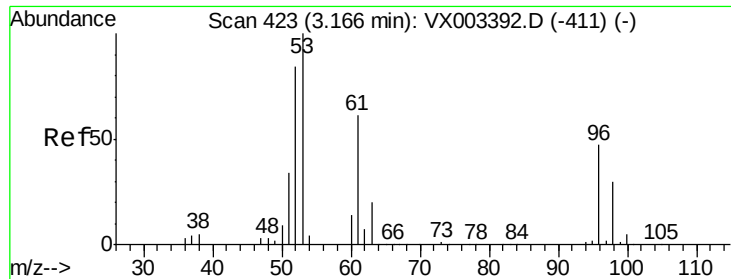
Tot Ion: 73 Resp: 531785
Ion Ratio Lower Upper
73 100
57 23.0 17.7 26.5



#20
Methylene Chloride
Concen: 29.92 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003444.D
Acq: 18 Jul 2018 13:48

Tgt Ion: 84 Resp: 179026
Ion Ratio Lower Upper
84 100
49 121.3 107.8 161.6
51 37.7 32.8 49.2
86 64.1 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 23.50 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX003444.D

Acq: 18 Jul 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :

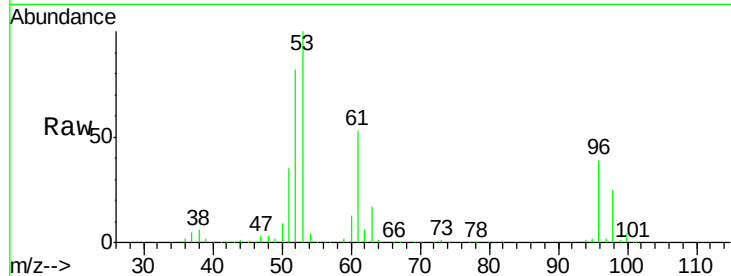
Tot Ion: 96 Resp: 163606

Ion Ratio Lower Upper

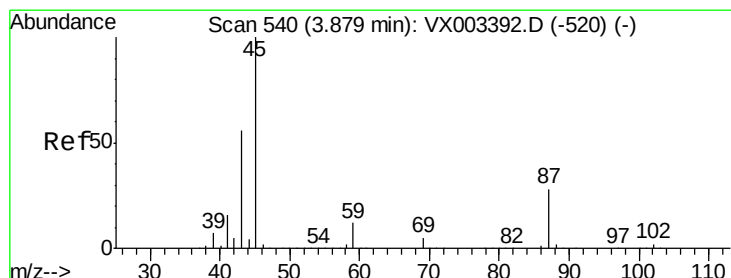
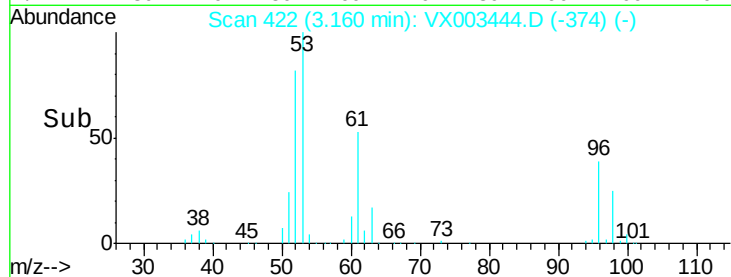
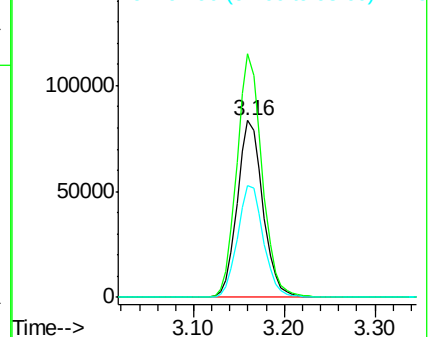
96 100

61 137.7 117.0 175.4

98 63.3 52.4 78.6



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



#22

Diisopropyl ether

Concen: 23.41 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX003444.D

Acq: 18 Jul 2018 13:48

Tgt Ion: 45 Resp: 530842

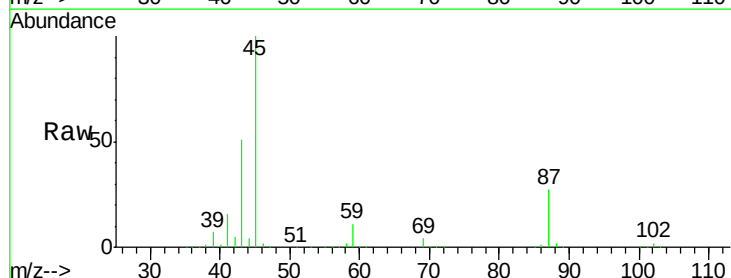
Ion Ratio Lower Upper

45 100

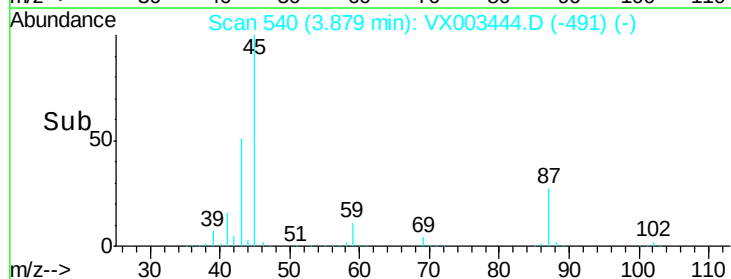
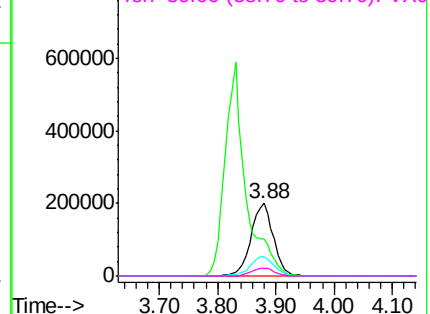
43 50.8 46.8 70.2

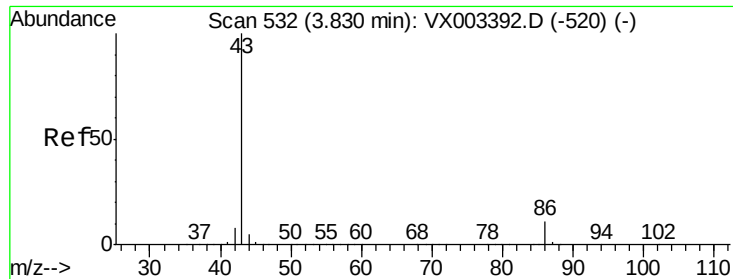
87 26.6 20.2 30.4

59 11.1 8.7 13.1



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





#23

Vinyl Acetate

Concen: 77.77 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003444.D

Acq: 18 Jul 2018 13:48

Instrument :

MSVOA_X

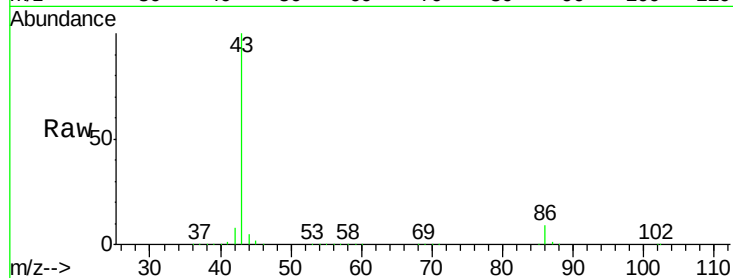
ClientSampleId :

Tot Ion: 43 Resp: 1454489

Ion Ratio Lower Upper

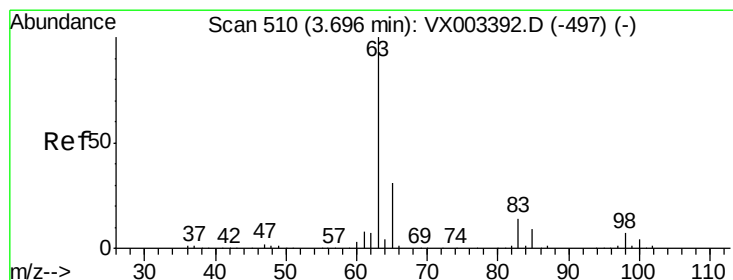
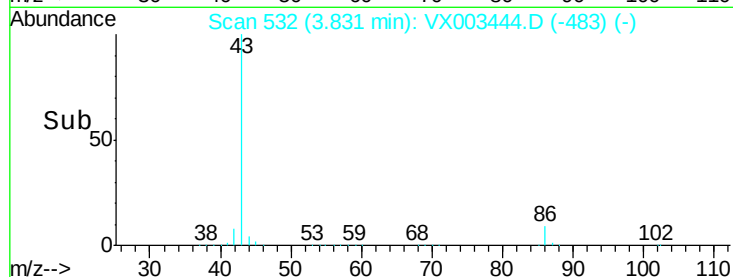
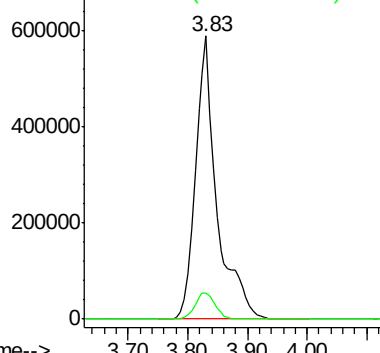
43 100

86 9.2 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: 24.49 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003444.D

Acq: 18 Jul 2018 13:48

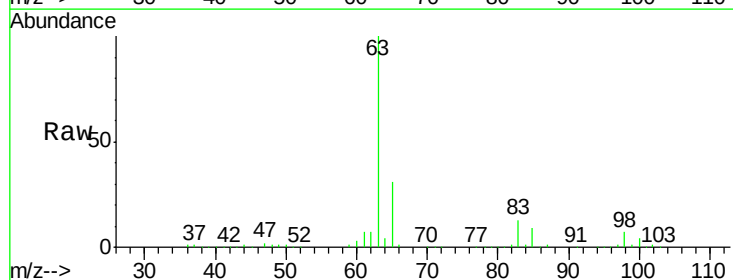
Tgt Ion: 63 Resp: 315013

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.2

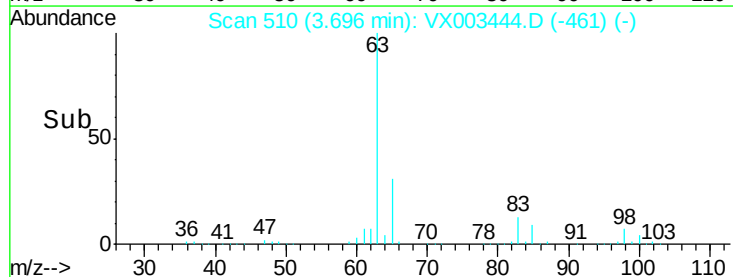
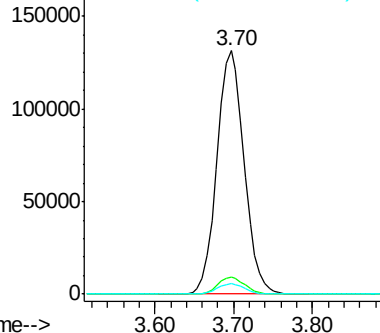
100 4.4 2.0 6.0

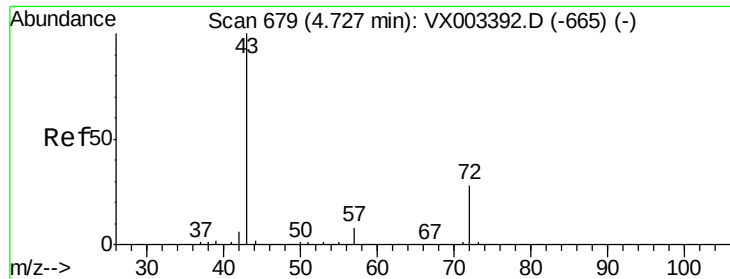


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 122.18 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX003444.D

Acq: 18 Jul 2018 13:48

Instrument :

MSVOA_X

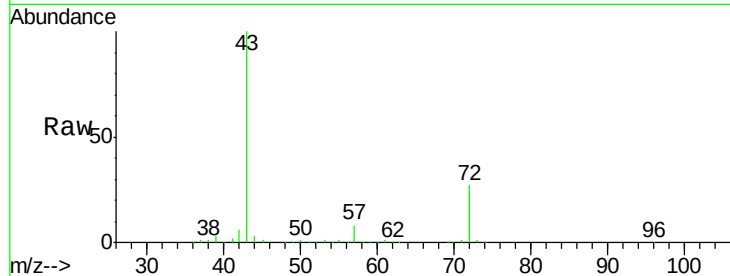
ClientSampled :

Tot Ion: 43 Resp: 636807

Ion Ratio Lower Upper

43 100

72 26.9 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

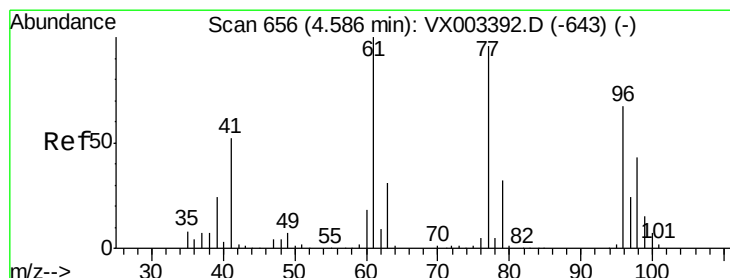
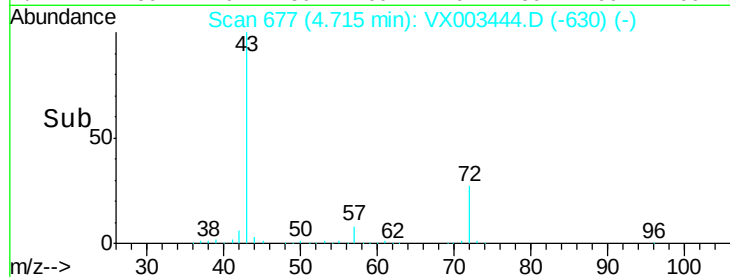
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 10.01 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003444.D

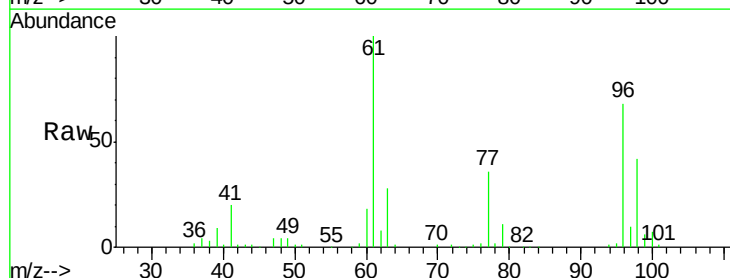
Acq: 18 Jul 2018 13:48

Tgt Ion: 77 Resp: 90355

Ion Ratio Lower Upper

77 100

97 28.8 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

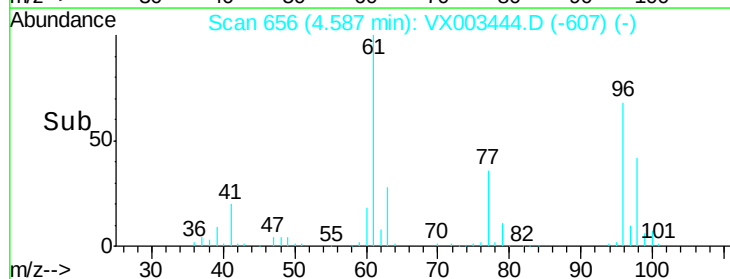
20000

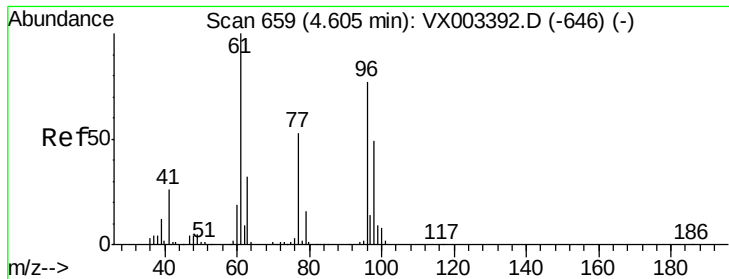
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 24.84 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX003444.D

Acq: 18 Jul 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

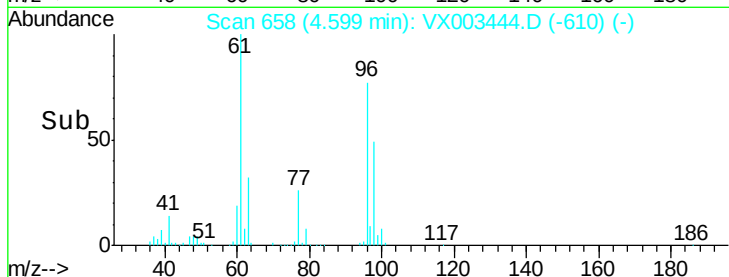
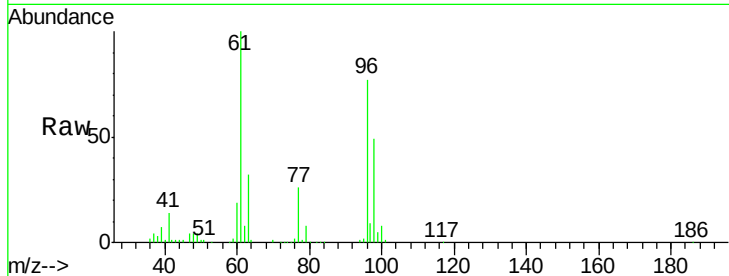
Tot Ion: 96 Resp: 186045

Ion Ratio Lower Upper

96 100

61 153.9 0.0 330.2

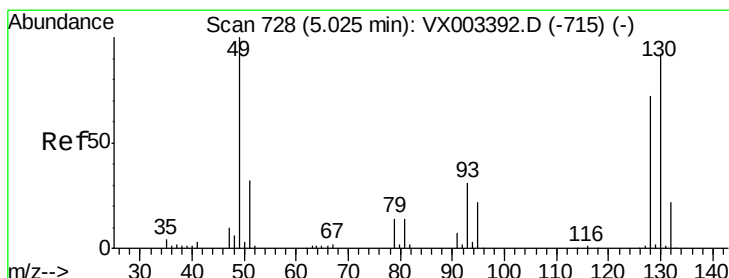
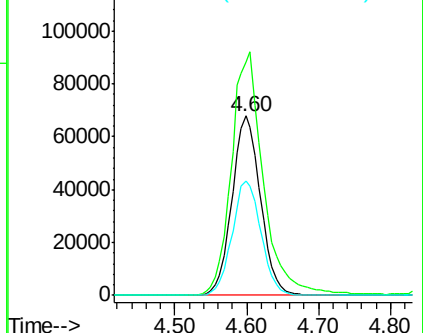
98 64.5 0.0 130.2



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: 25.37 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX003444.D

Acq: 18 Jul 2018 13:48

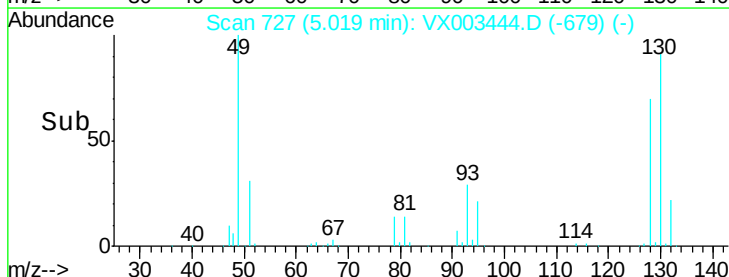
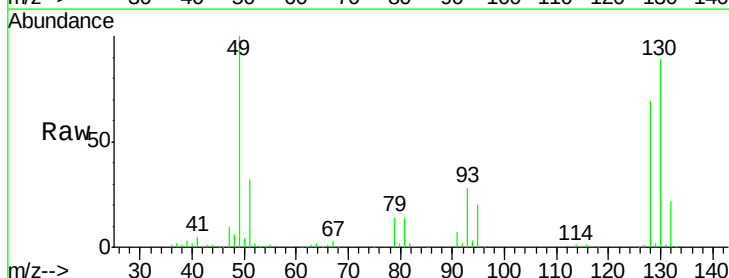
Tgt Ion: 49 Resp: 141716

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

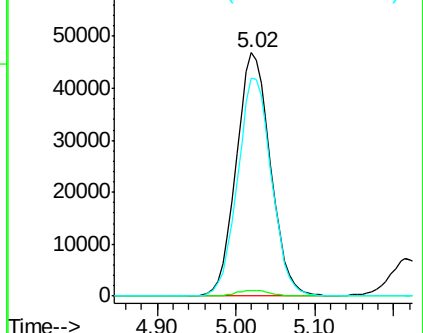
130 88.6 61.2 91.8

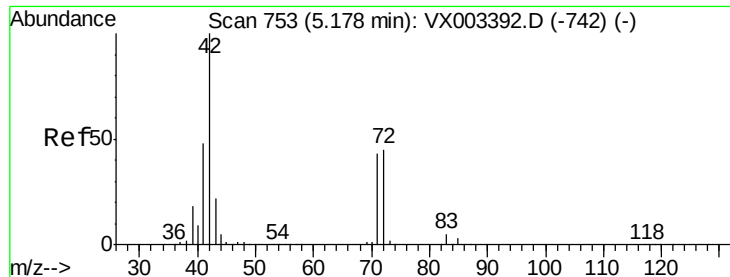


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

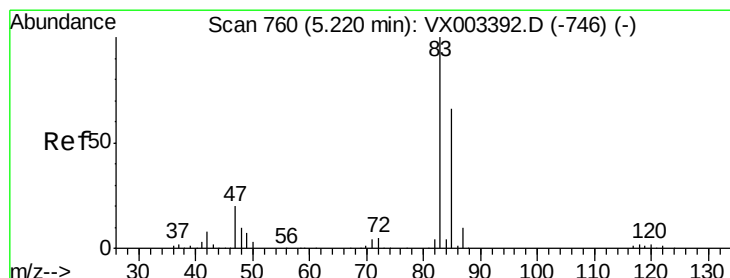
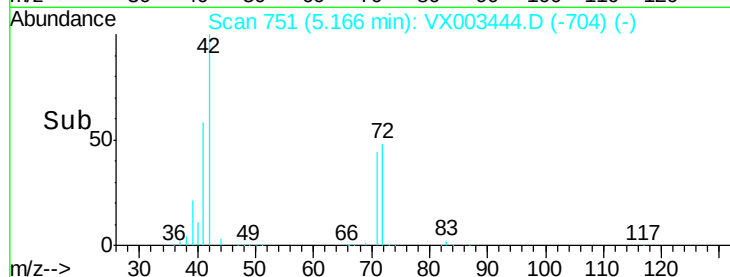
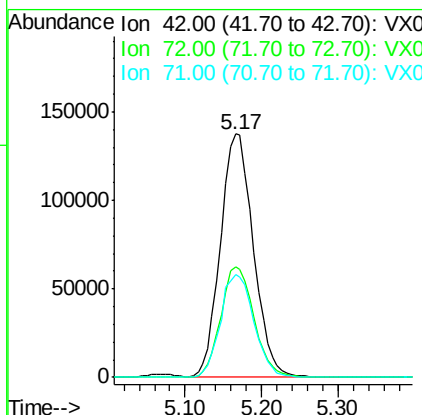
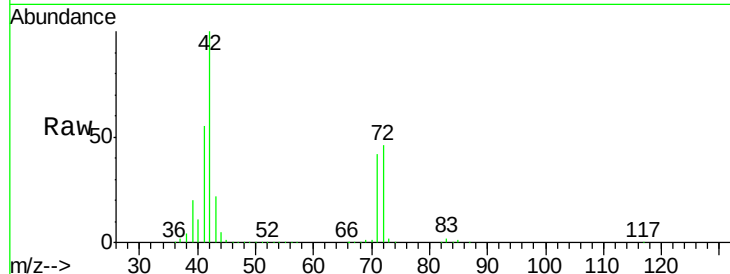




#29
Tetrahydrofuran
Concen: 123.80 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX003444.D
Acq: 18 Jul 2018 13:48

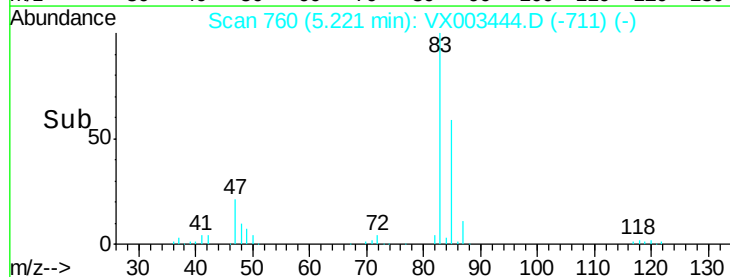
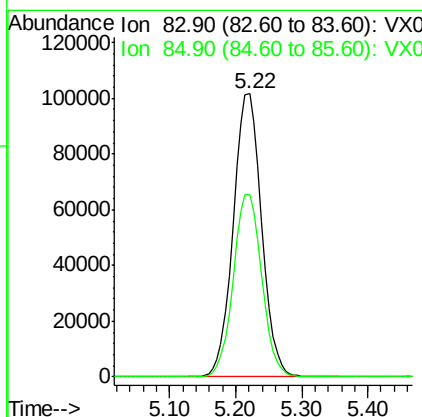
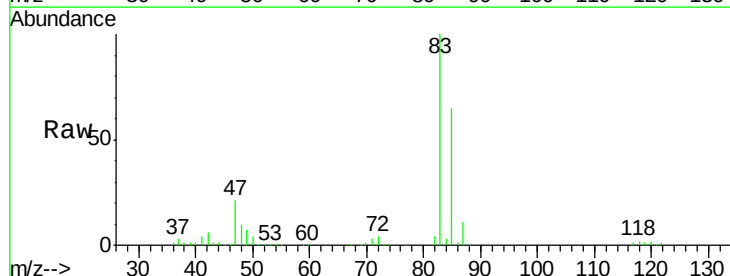
Instrument :
MSVOA_X
ClientSampleId :

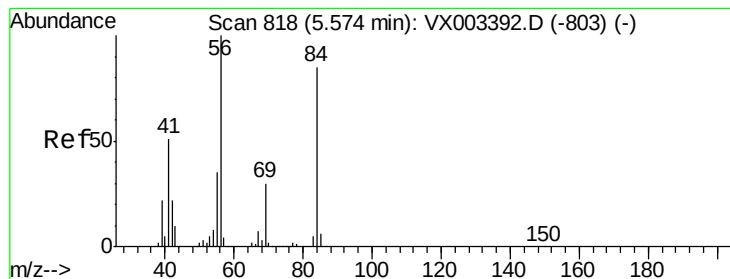
Tot Ion: 42 Resp: 409220
Ion Ratio Lower Upper
42 100
72 45.9 32.0 48.0
71 43.2 30.1 45.1



#30
Chloroform
Concen: 25.48 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003444.D
Acq: 18 Jul 2018 13:48

Tgt Ion: 83 Resp: 302070
Ion Ratio Lower Upper
83 100
85 64.5 50.4 75.6





#31

Cyclohexane

Concen: 25.27 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003444.D

Acq: 18 Jul 2018 13:48

Instrument :

MSVOA_X

ClientSampled :

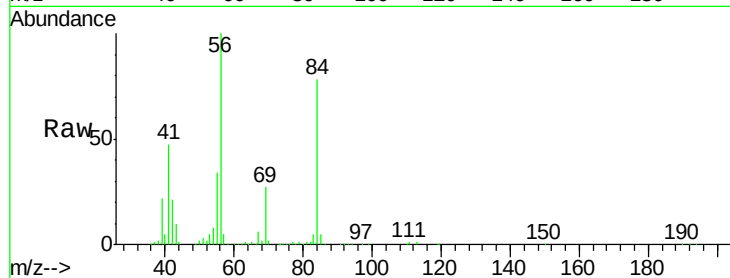
Tot Ion: 56 Resp: 251058

Ion Ratio Lower Upper

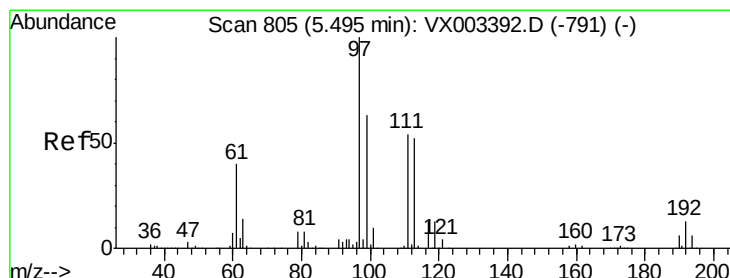
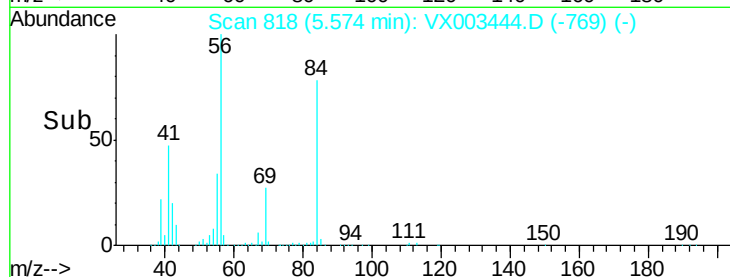
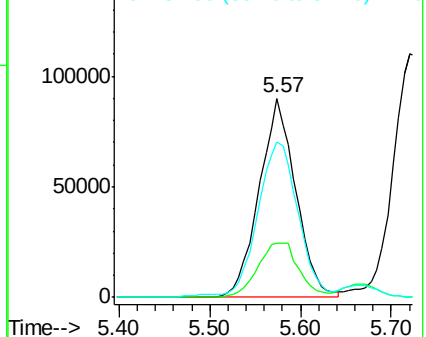
56 100

69 27.5 23.7 35.5

84 77.0 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: 25.54 ug/l

RT: 5.49 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX003444.D

Acq: 18 Jul 2018 13:48

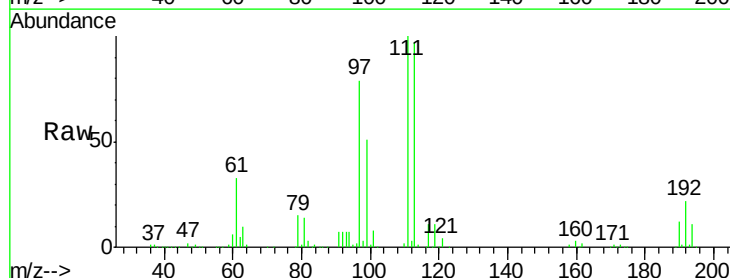
Tgt Ion: 97 Resp: 257453

Ion Ratio Lower Upper

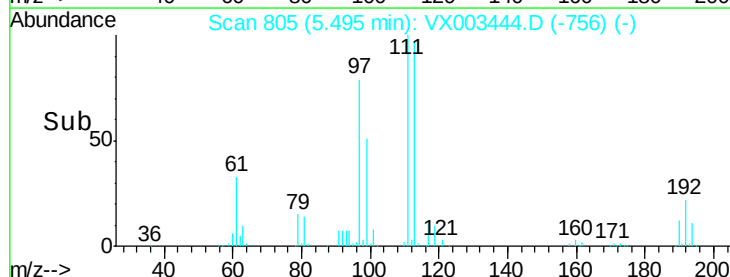
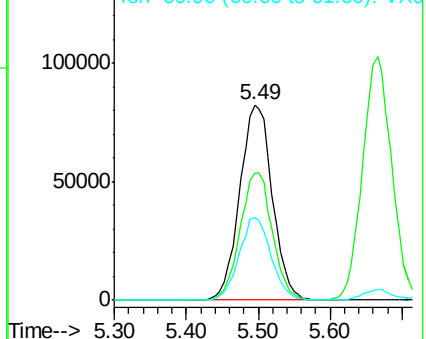
97 100

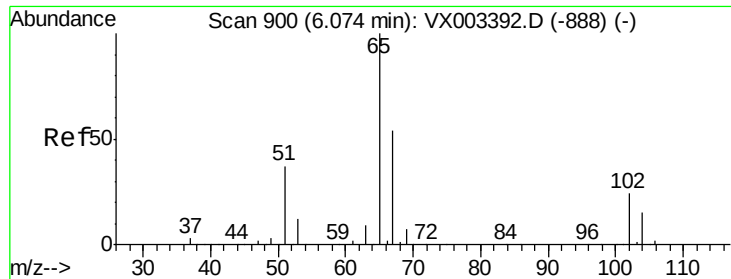
99 64.4 51.6 77.4

61 41.7 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

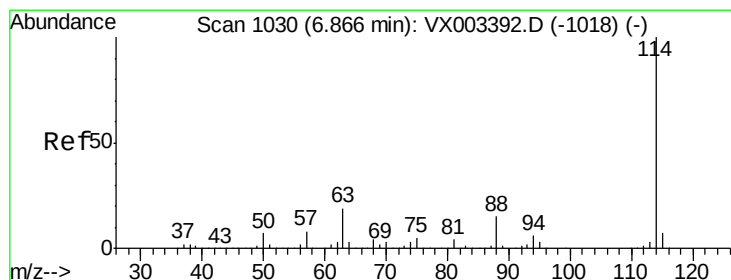
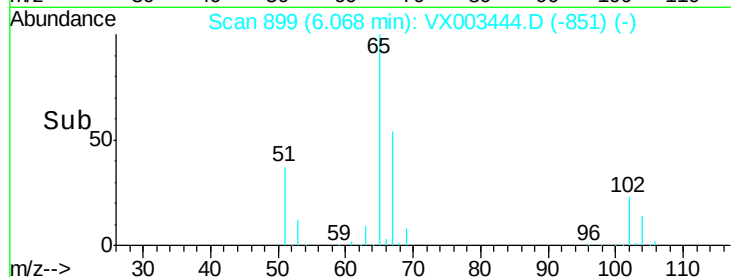
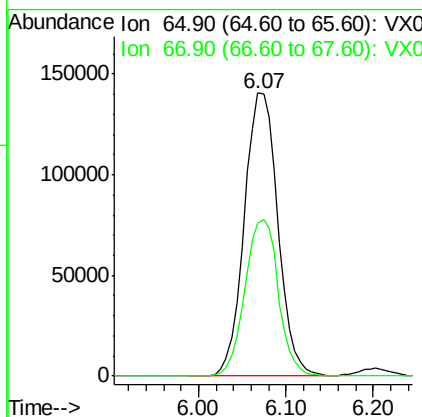
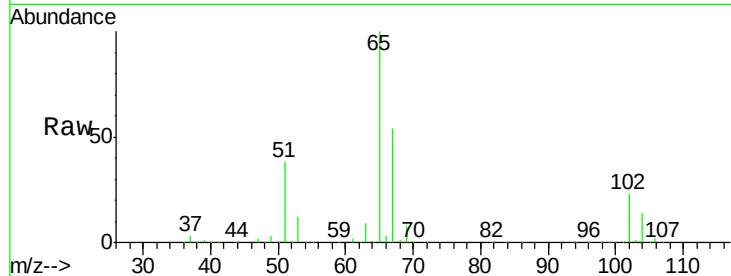




#33
 1,2-Dichloroethane-d4
 Concen: 47.01 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003444.D
 Acq: 18 Jul 2018 13:48

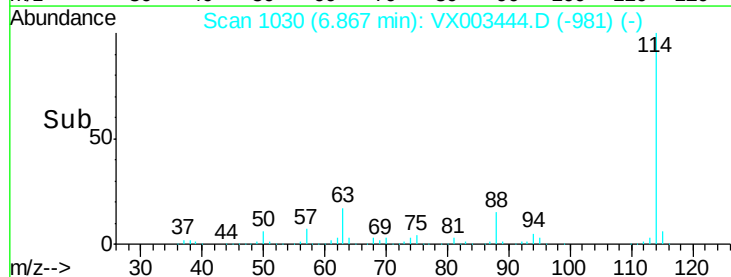
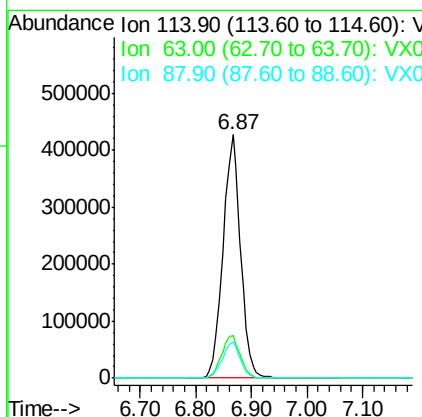
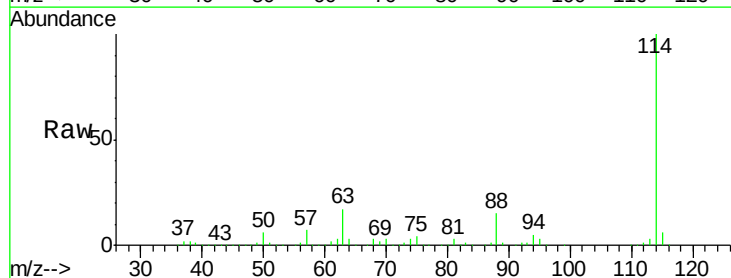
Instrument :
 MSVOA_X
 ClientSampleId :

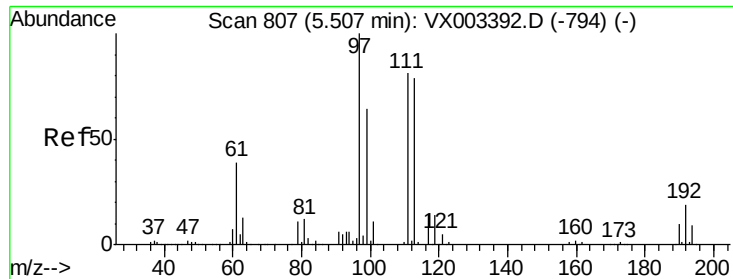
Tot Ion: 65 Resp: 376368
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003444.D
 Acq: 18 Jul 2018 13:48

Tgt Ion: 114 Resp: 932689
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 41.4
 88 14.9 0.0 30.0

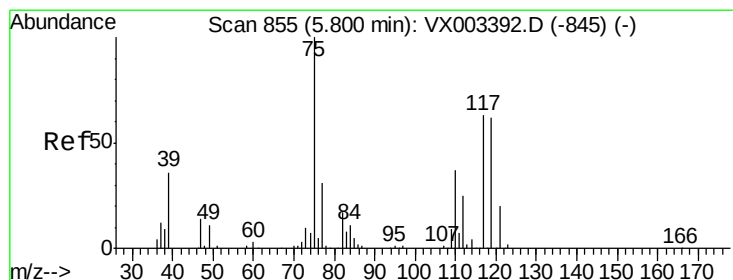
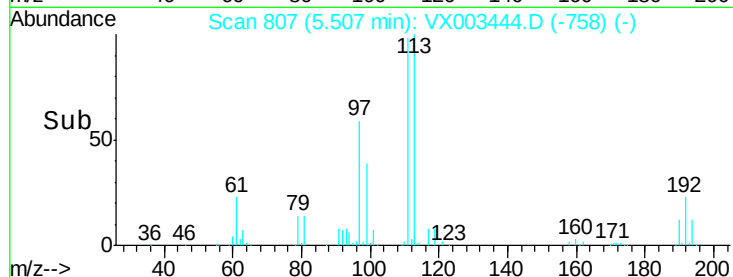
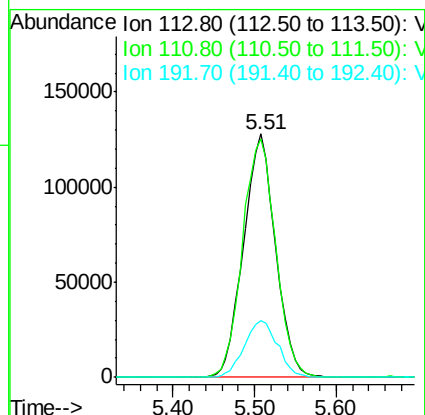
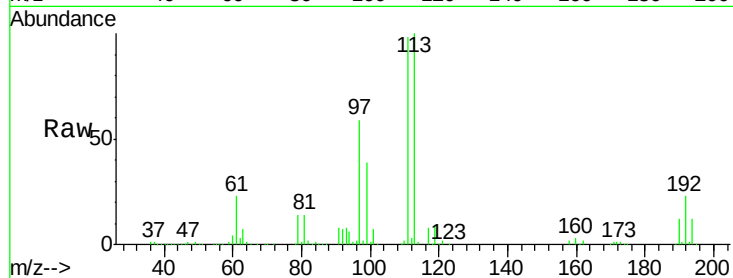




#35
 Dibromofluoromethane
 Concen: 46.21 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003444.D
 Acq: 18 Jul 2018 13:48

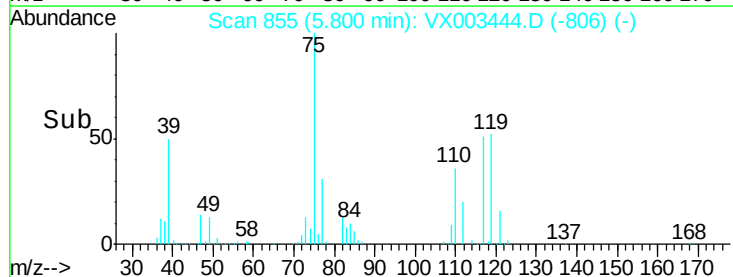
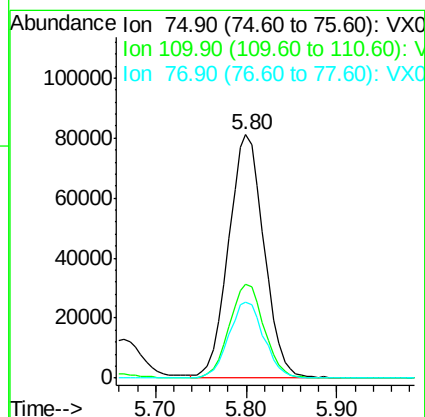
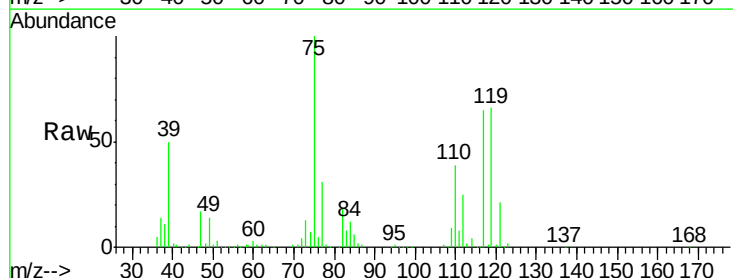
Instrument :
 MSVOA_X
 ClientSampleId :

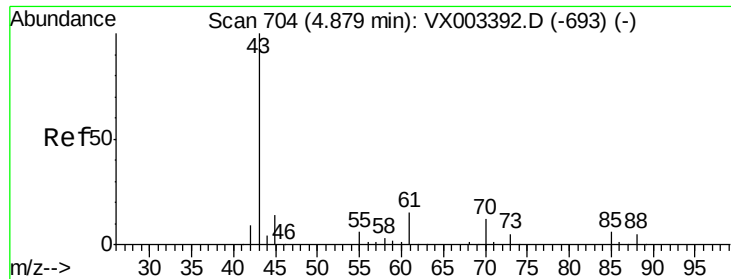
Tot Ion:113 Resp: 348753
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.4 122.0
 192 24.4 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 23.15 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003444.D
 Acq: 18 Jul 2018 13:48

Tgt Ion: 75 Resp: 218639
 Ion Ratio Lower Upper
 75 100
 110 38.4 18.1 54.4
 77 31.1 24.3 36.5

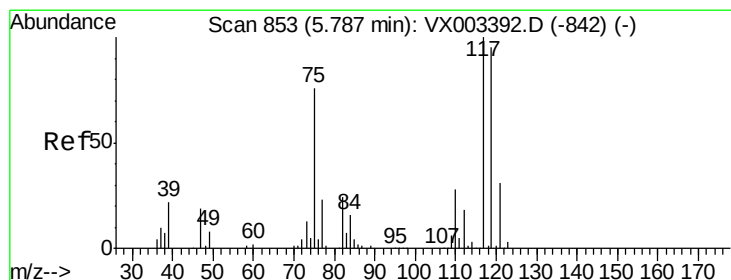
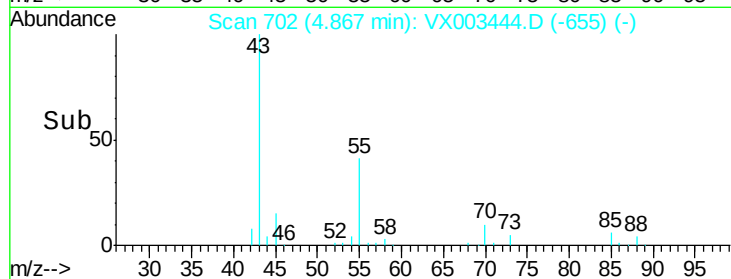
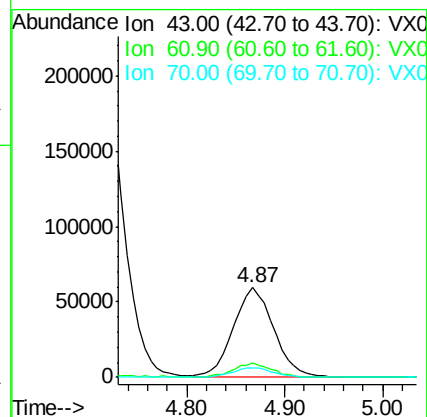
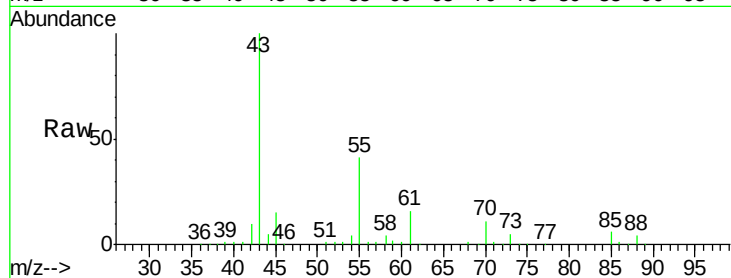




#37
Ethyl Acetate
Concen: 15.79 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX003444.D
Acq: 18 Jul 2018 13:48

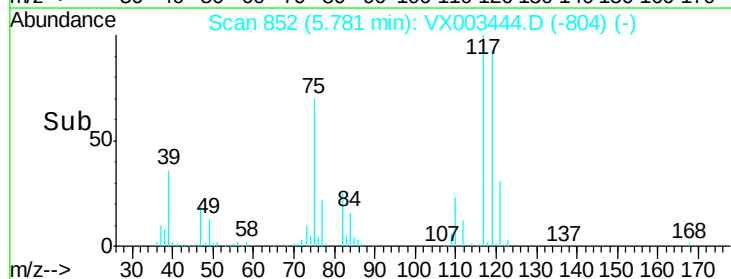
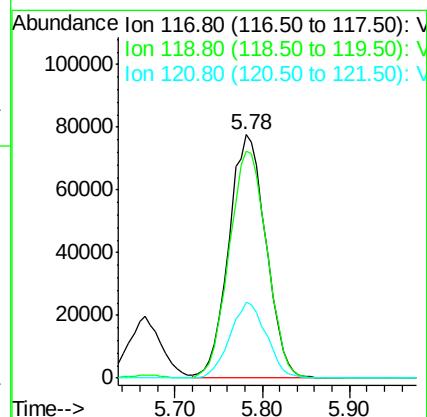
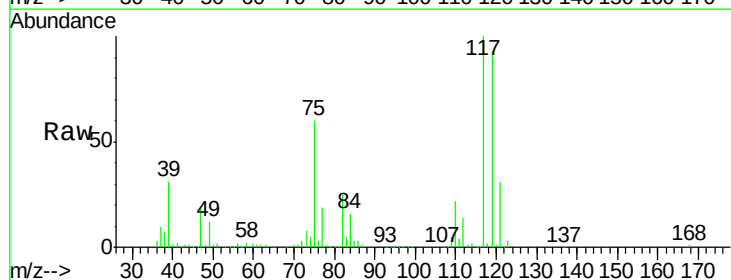
Instrument :
MSVOA_X
ClientSampleId :

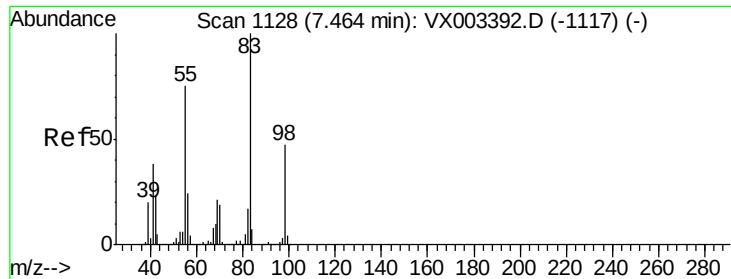
Tot Ion: 43 Resp: 168005
Ion Ratio Lower Upper
43 100
61 15.2 10.4 15.6
70 11.3 7.6 11.4



#38
Carbon Tetrachloride
Concen: 23.82 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003444.D
Acq: 18 Jul 2018 13:48

Tgt Ion: 117 Resp: 228958
Ion Ratio Lower Upper
117 100
119 93.6 77.4 116.0
121 31.0 24.4 36.6

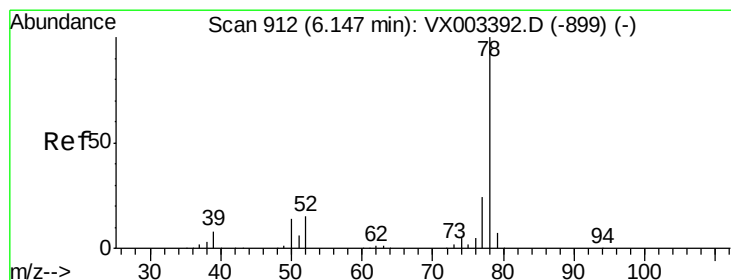
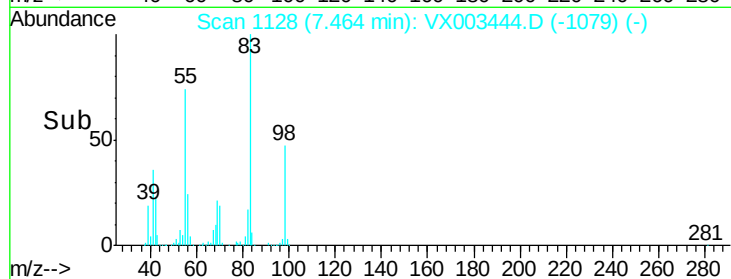
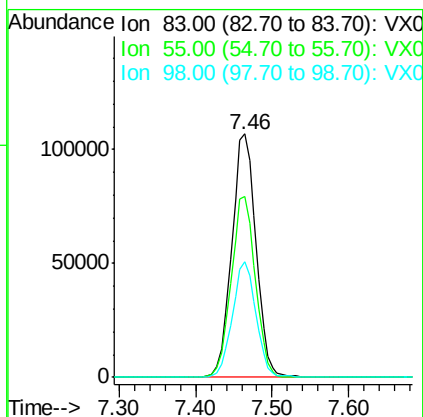
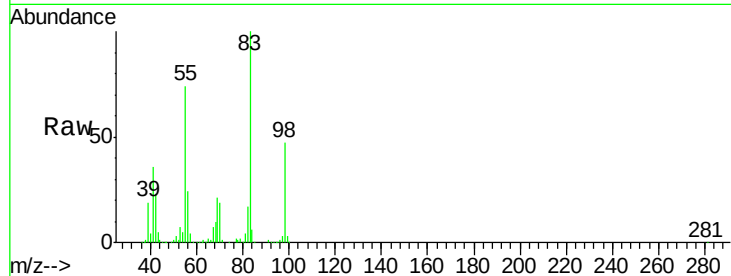




#39
Methylvlcyclohexane
Concen: 21.59 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003444.D
Acq: 18 Jul 2018 13:48

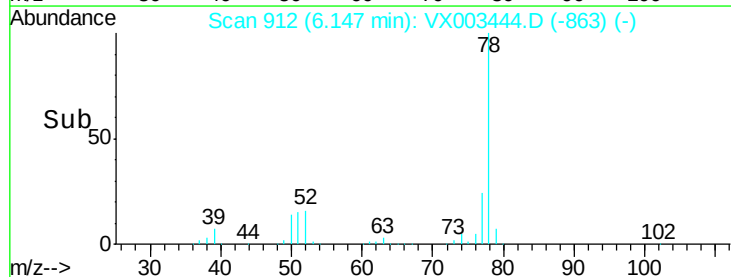
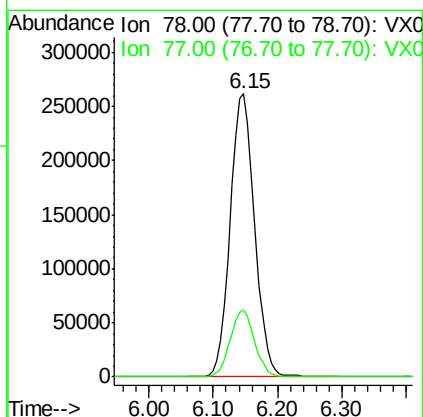
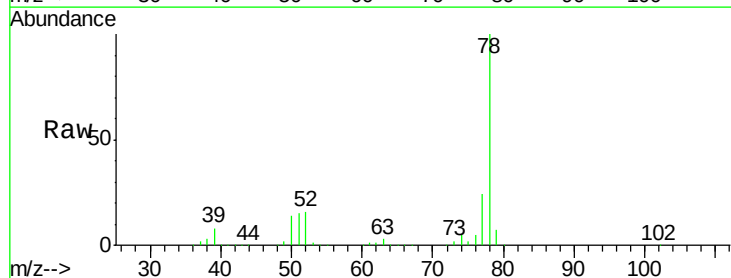
Instrument :
MSVOA_X
ClientSampleId :

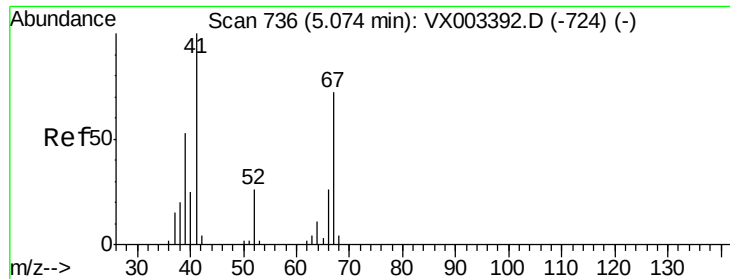
Tot Ion: 83 Resp: 233399
Ion Ratio Lower Upper
83 100
55 74.0 65.4 98.0
98 47.5 37.4 56.0



#40
Benzene
Concen: 24.21 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003444.D
Acq: 18 Jul 2018 13:48

Tgt Ion: 78 Resp: 695777
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7

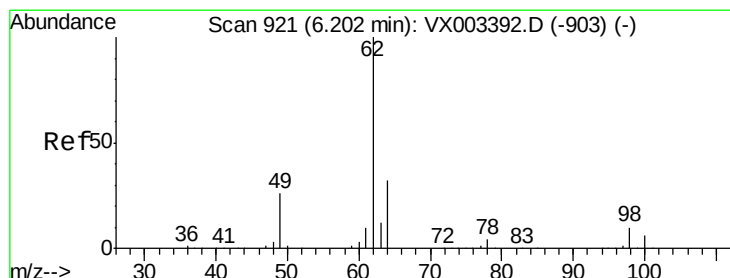
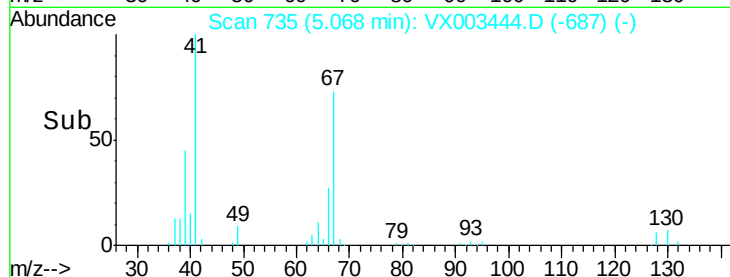
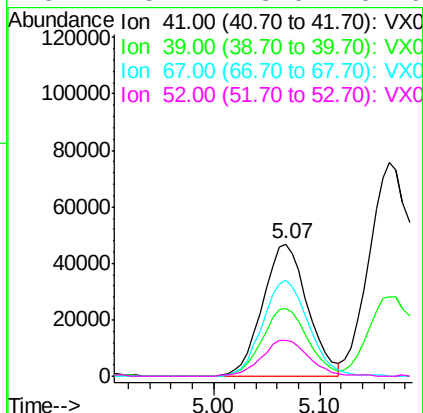
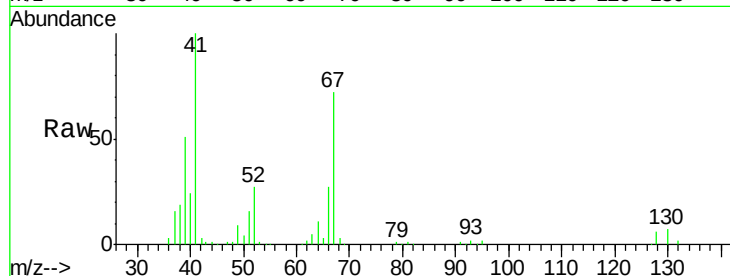




#41
Methacrylonitrile
Concen: 23.47 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX003444.D
Acq: 18 Jul 2018 13:48

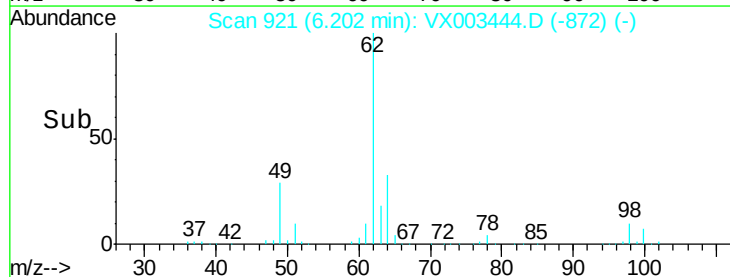
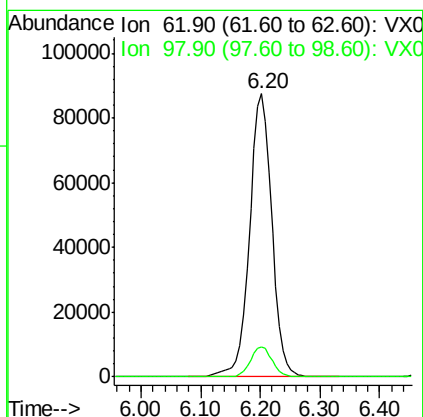
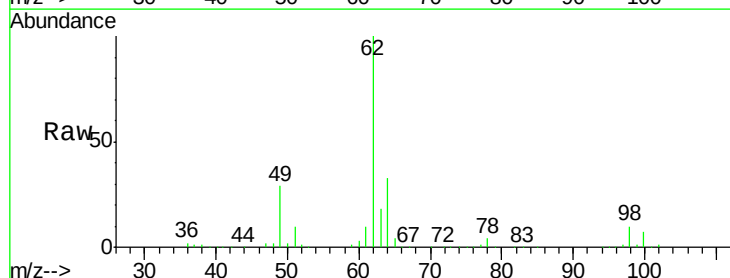
Instrument :
MSVOA_X
ClientSampleId :

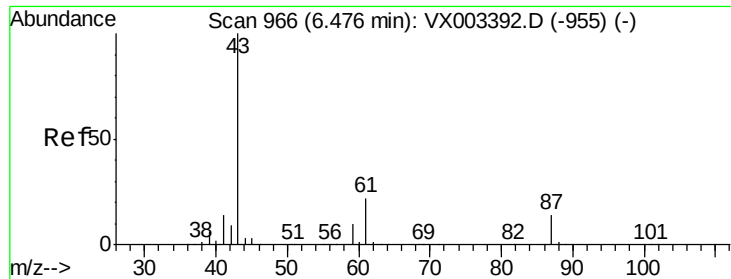
Tot Ion:	41	Resp:	137375
Ion	Ratio	Lower	Upper
41	100		
39	51.8	45.8	68.6
67	74.2	51.3	76.9
52	28.4	23.0	34.6



#42
1,2-Dichloroethane
Concen: 23.07 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003444.D
Acq: 18 Jul 2018 13:48

Tgt Ion:	62	Resp:	227364
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	16.6



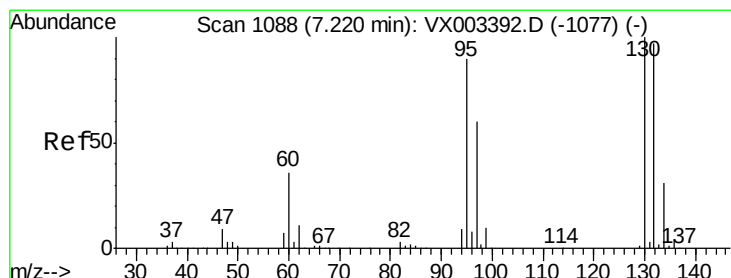
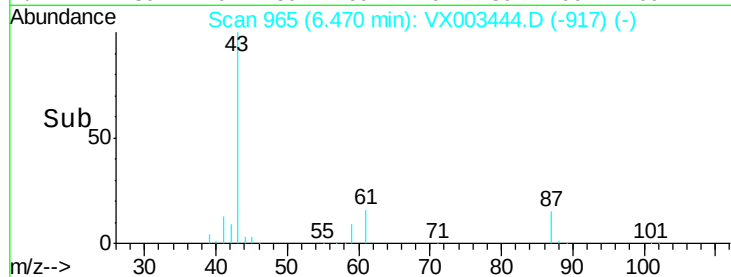
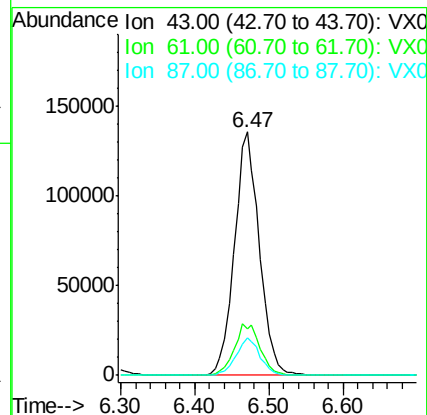
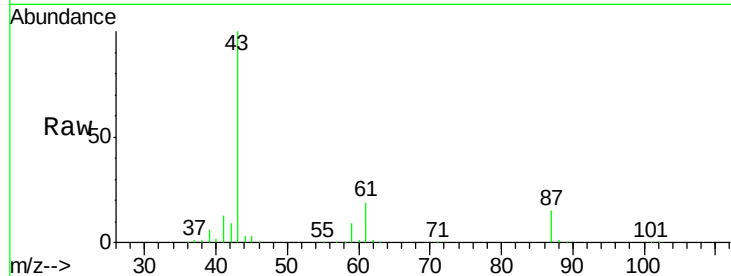


#43

Isopropyl Acetate
 Concen: 19.65 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX003444.D
 Acq: 18 Jul 2018 13:48

Instrument :
 MSVOA_X
 ClientSampleId :

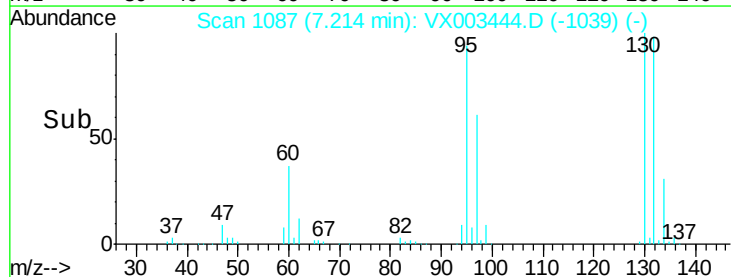
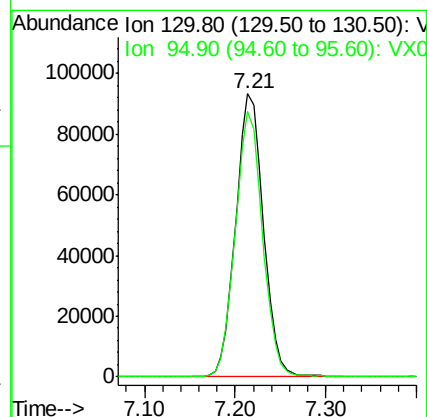
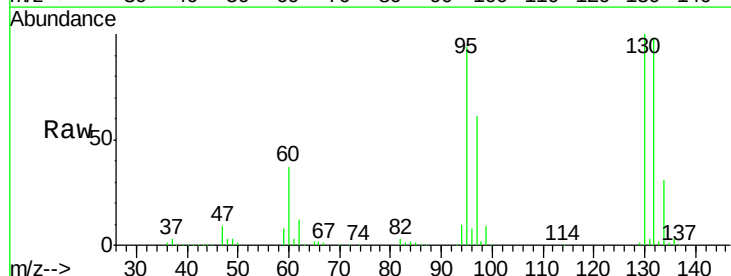
Tot Ion: 43 Resp: 315721
 Ion Ratio Lower Upper
 43 100
 61 21.9 14.4 21.6#
 87 15.1 9.5 14.3#

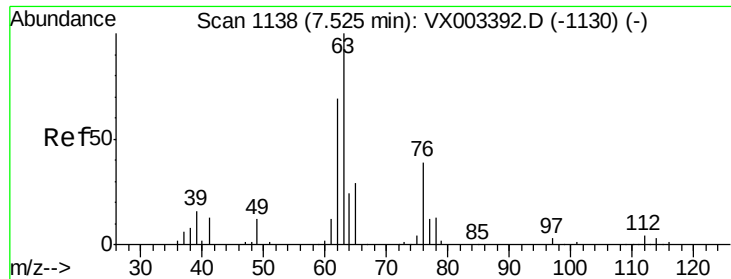


#44

Trichloroethene
 Concen: 23.85 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX003444.D
 Acq: 18 Jul 2018 13:48

Tgt Ion:130 Resp: 198530
 Ion Ratio Lower Upper
 130 100
 95 93.8 0.0 185.4

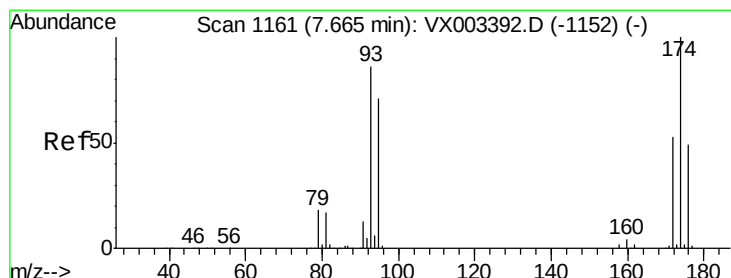
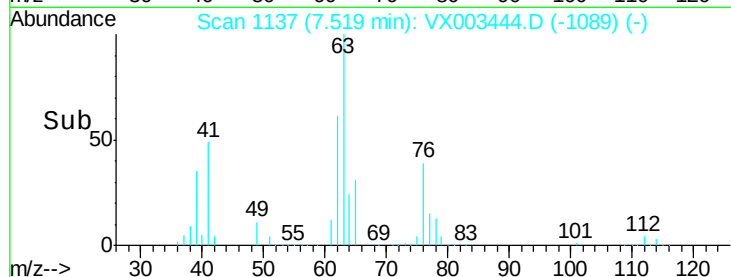
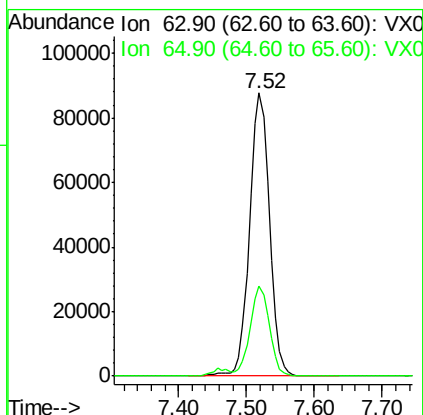
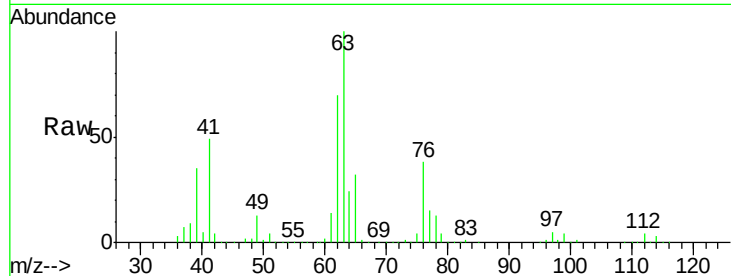




#45
 1,2-Dichloropropane
 Concen: 24.01 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX003444.D
 Acq: 18 Jul 2018 13:48

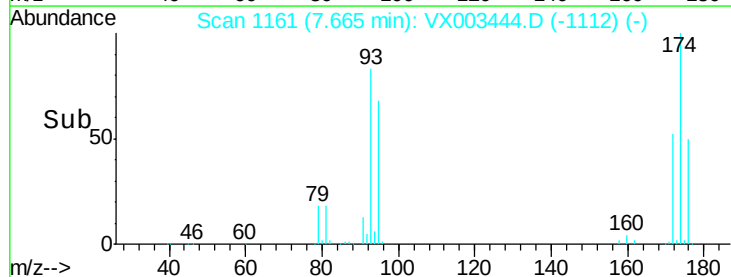
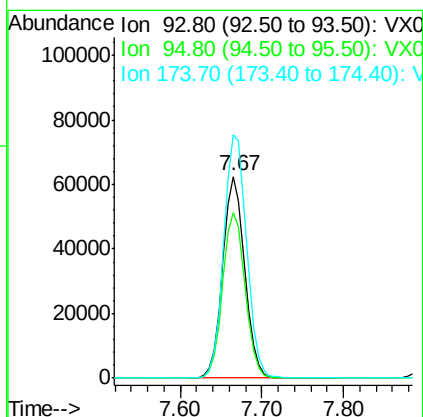
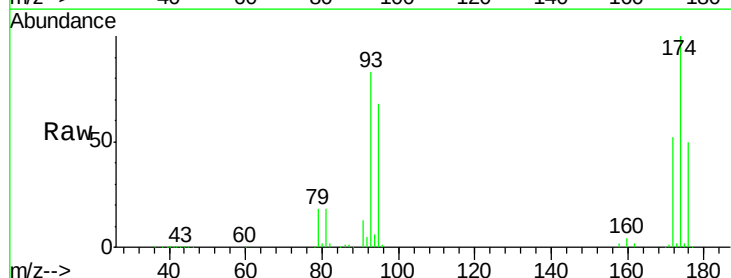
Instrument :
 MSVOA_X
 ClientSampled :

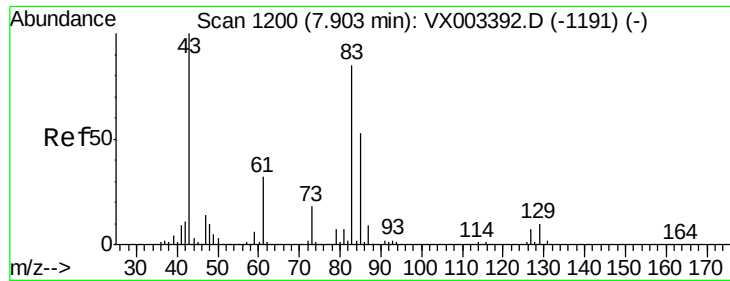
Tot Ion: 63 Resp: 179511
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.7 37.1



#46
 Dibromomethane
 Concen: 23.39 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003444.D
 Acq: 18 Jul 2018 13:48

Tgt Ion: 93 Resp: 116409
 Ion Ratio Lower Upper
 93 100
 95 83.9 65.9 98.9
 174 124.7 92.4 138.6





#47

Bromodichloromethane

Concen: 24.18 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003444.D

Acq: 18 Jul 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

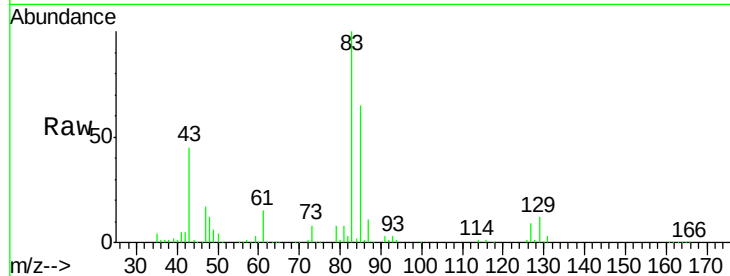
Tot Ion: 83 Resp: 220372

Ion Ratio Lower Upper

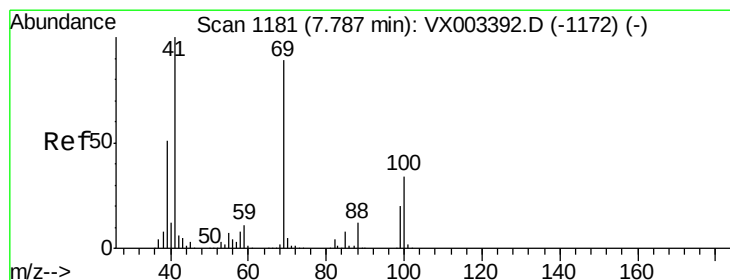
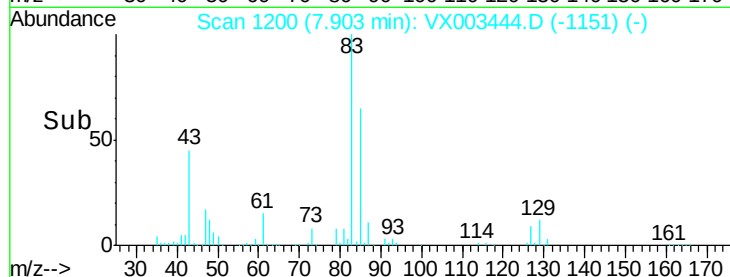
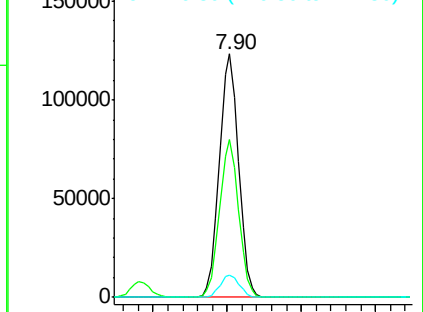
83 100

85 64.6 50.3 75.5

127 9.3 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: 24.03 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX003444.D

Acq: 18 Jul 2018 13:48

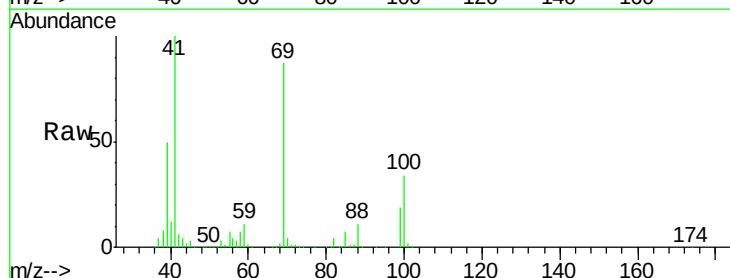
Tgt Ion: 41 Resp: 196946

Ion Ratio Lower Upper

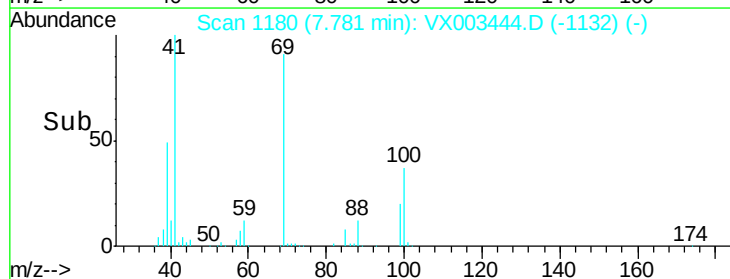
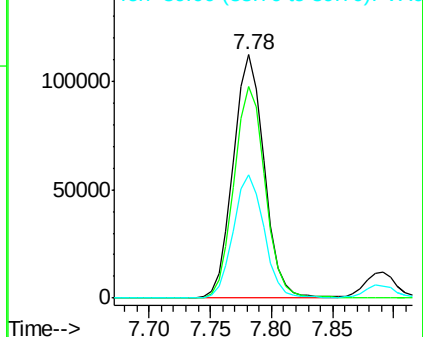
41 100

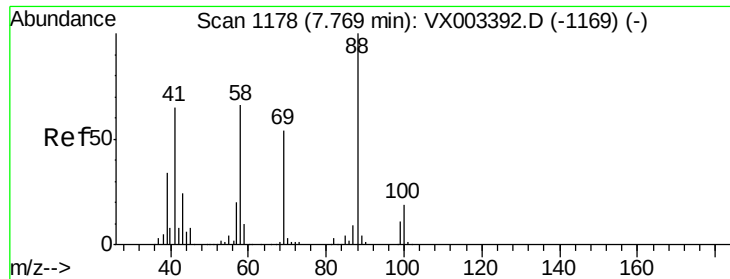
69 87.6 59.1 88.7

39 50.3 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

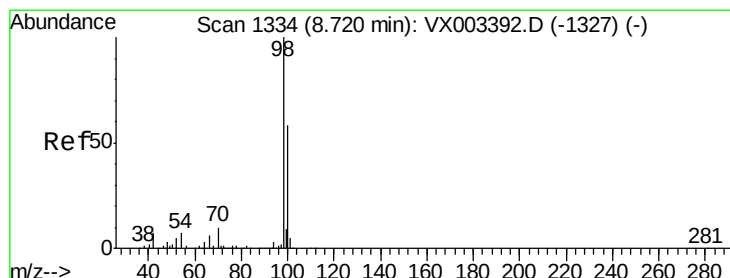
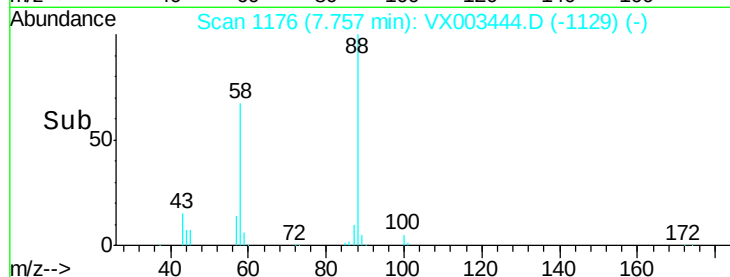
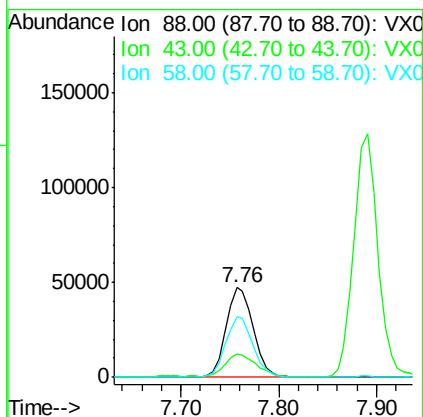
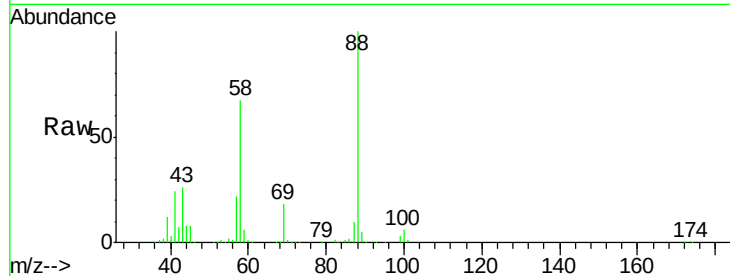




#49
1,4-Dioxane
Concen: 485.20 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.01 min
Lab File: VX003444.D
Acq: 18 Jul 2018 13:48

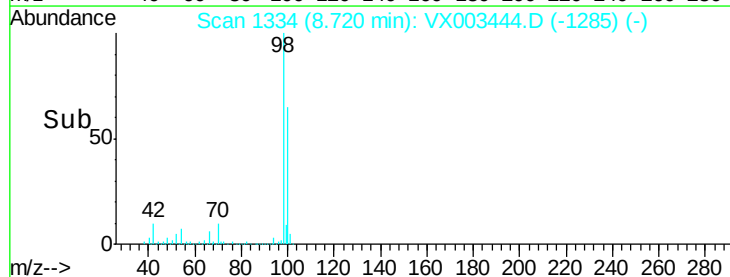
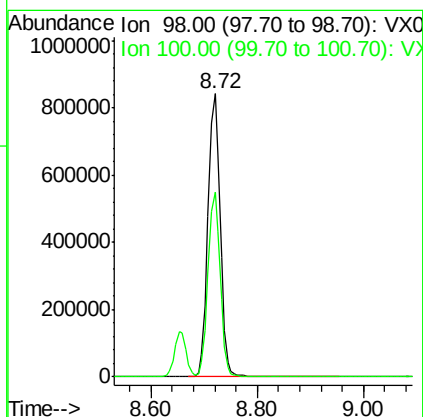
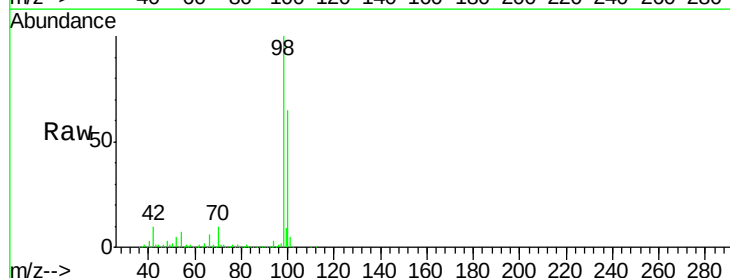
Instrument :
MSVOA_X
ClientSampleId :

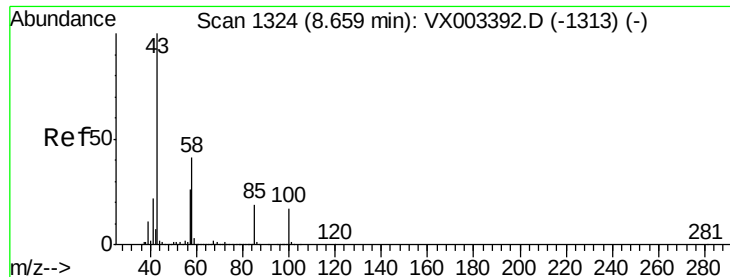
Tot Ion: 88 Resp: 91040
Ion Ratio Lower Upper
88 100
43 28.9 29.8 44.6#
58 68.1 57.1 85.7



#50
Toluene-d8
Concen: 47.63 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003444.D
Acq: 18 Jul 2018 13:48

Tgt Ion: 98 Resp: 1326444
Ion Ratio Lower Upper
98 100
100 65.0 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 117.83 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX003444.D

Acq: 18 Jul 2018 13:48

Instrument :

MSVOA_X

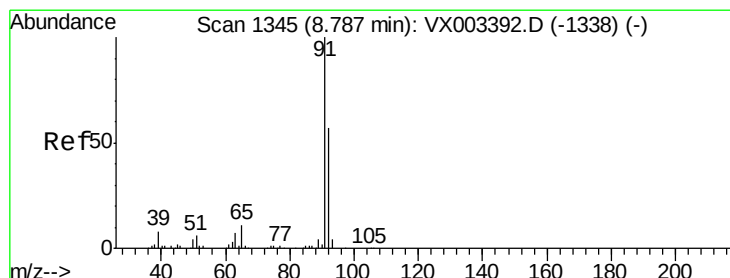
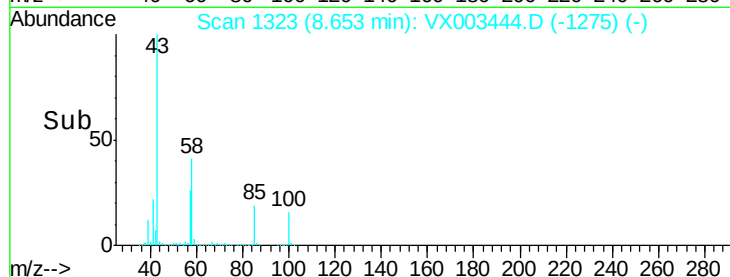
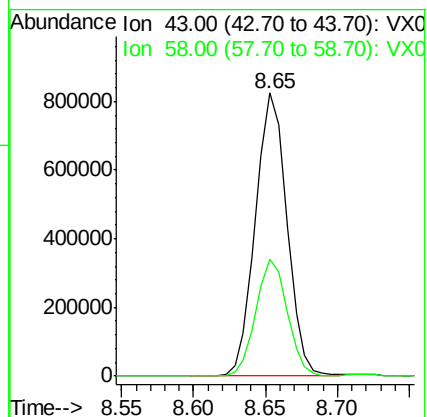
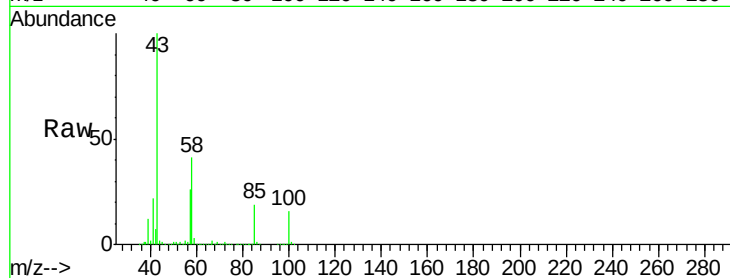
ClientSampleId :

Tot Ion: 43 Resp: 1245939

Ion Ratio Lower Upper

43 100

58 41.1 28.6 42.8



#52

Toluene

Concen: 24.24 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003444.D

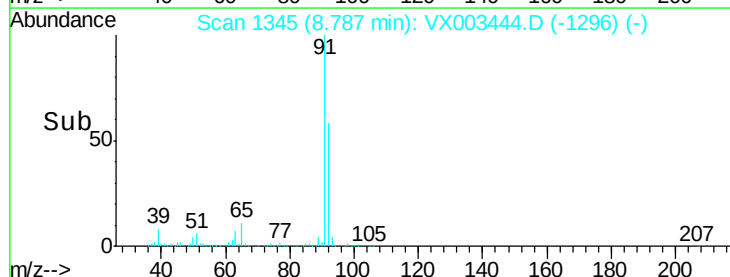
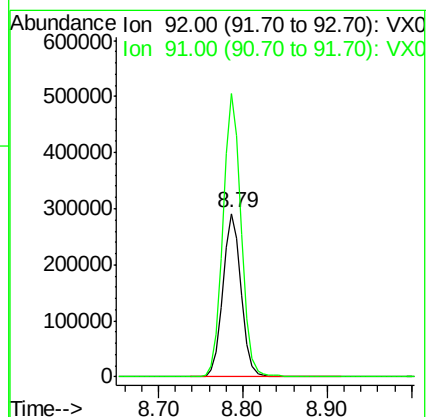
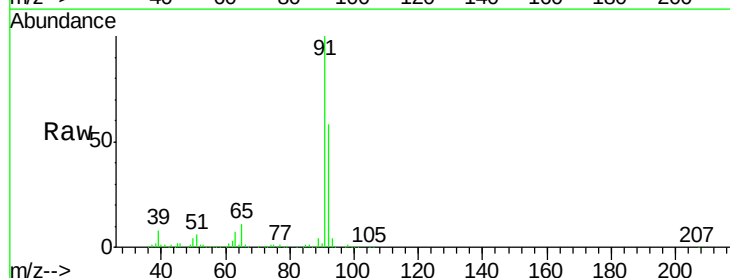
Acq: 18 Jul 2018 13:48

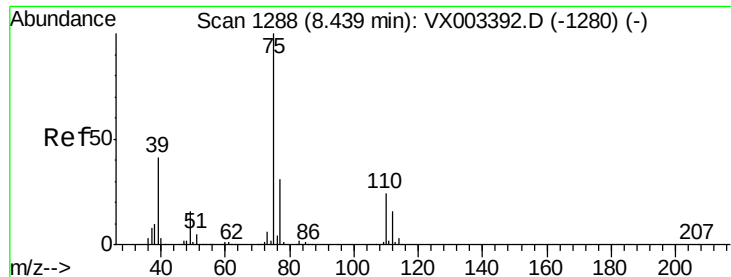
Tgt Ion: 92 Resp: 436205

Ion Ratio Lower Upper

92 100

91 173.6 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 21.95 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003444.D

Acq: 18 Jul 2018 13:48

Instrument :

MSVOA_X

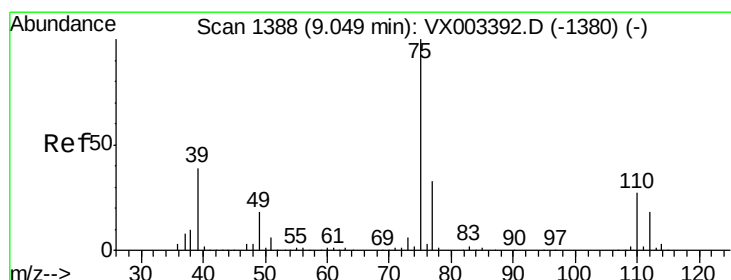
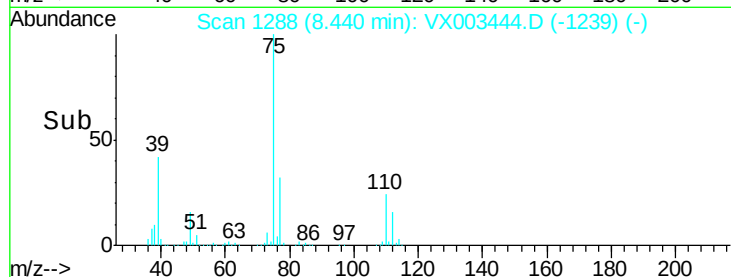
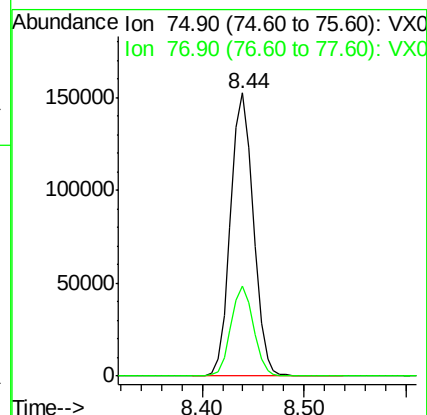
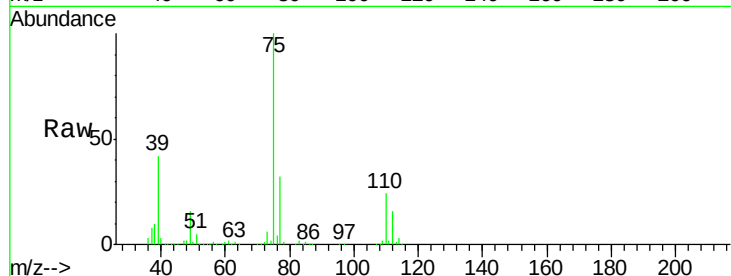
ClientSampleId :

Tot Ion: 75 Resp: 236260

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 21.90 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX003444.D

Acq: 18 Jul 2018 13:48

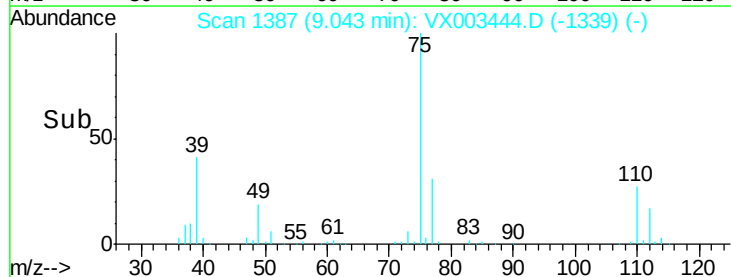
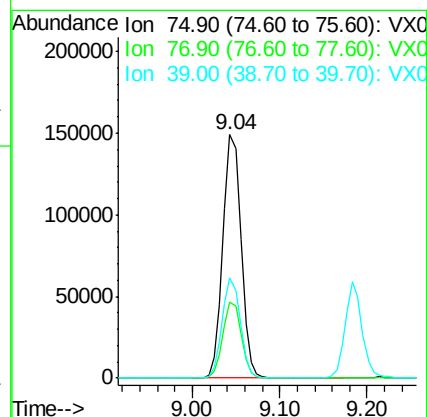
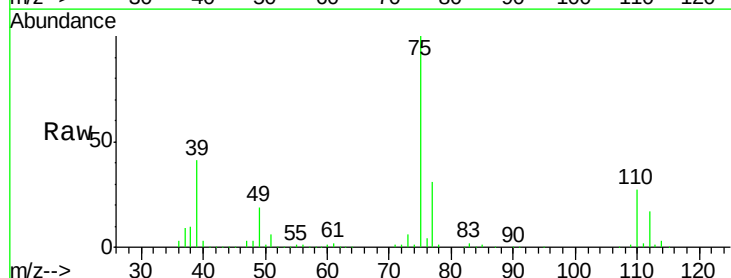
Tgt Ion: 75 Resp: 215109

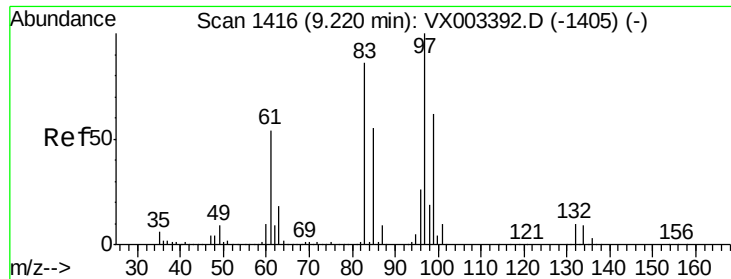
Ion Ratio Lower Upper

75 100

77 31.0 24.8 37.2

39 41.1 42.4 63.6#





#55

1,1,2-Trichloroethane

Concen: 24.38 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX003444.D

Acq: 18 Jul 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 97 Resp: 183272

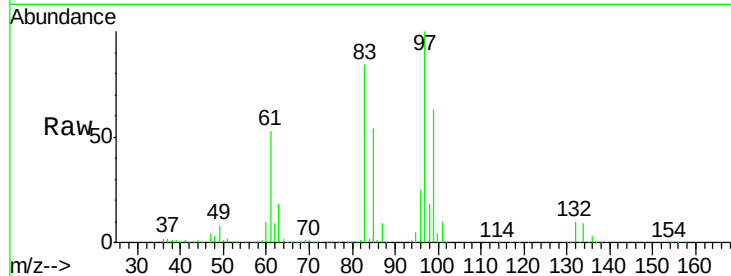
Ion Ratio Lower Upper

97 100

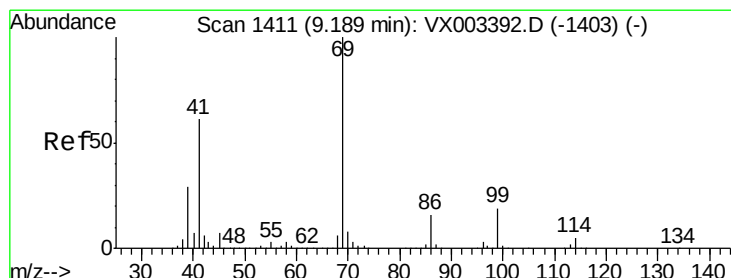
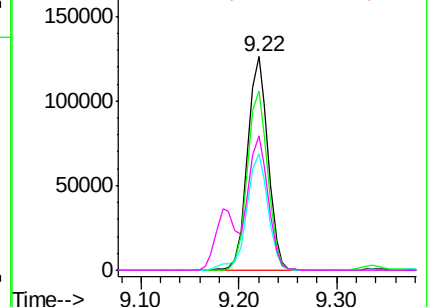
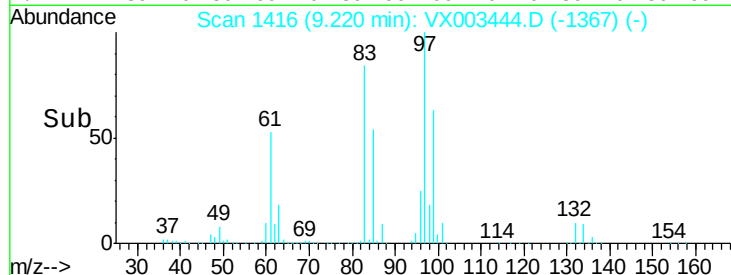
83 83.8 70.2 105.2

85 54.3 44.9 67.3

99 63.2 49.8 74.8



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 24.98 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX003444.D

Acq: 18 Jul 2018 13:48

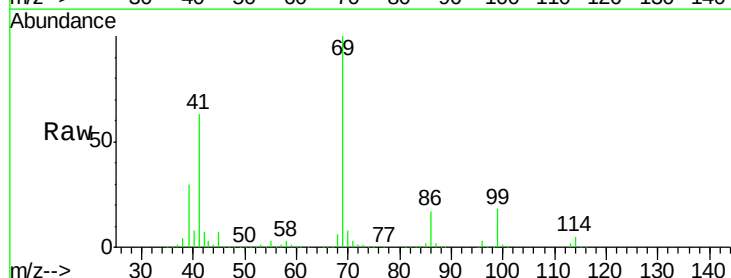
Tgt Ion: 69 Resp: 265868

Ion Ratio Lower Upper

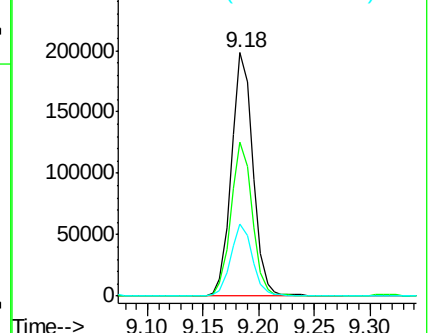
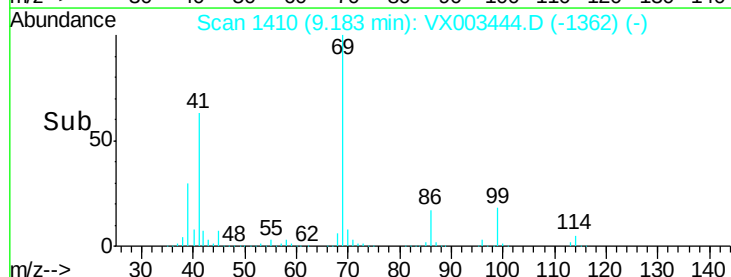
69 100

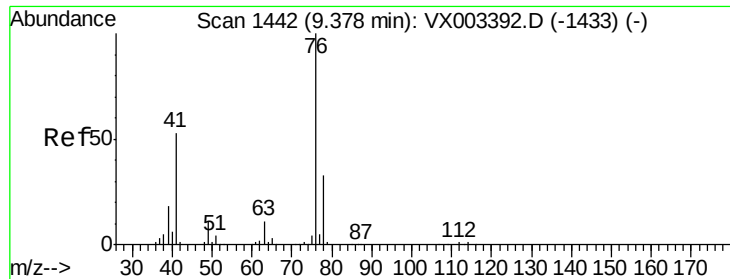
41 62.7 60.3 90.5

39 30.0 35.8 53.8#



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

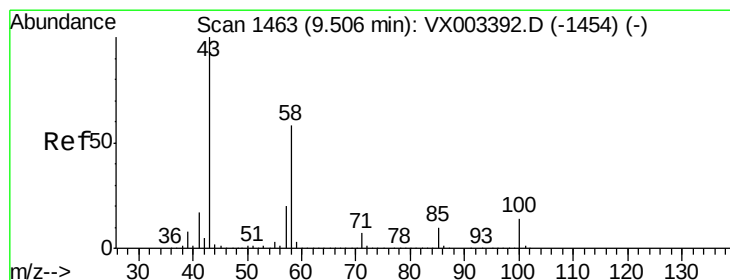
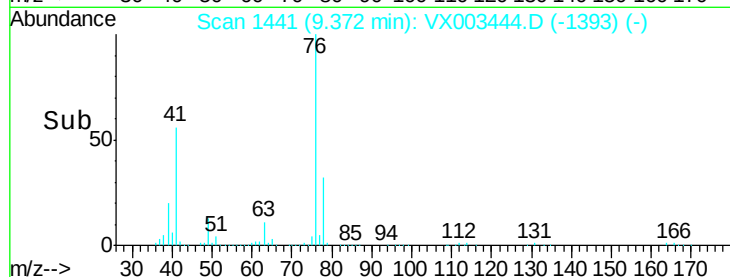
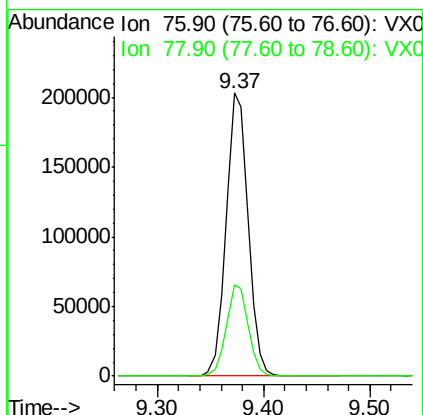
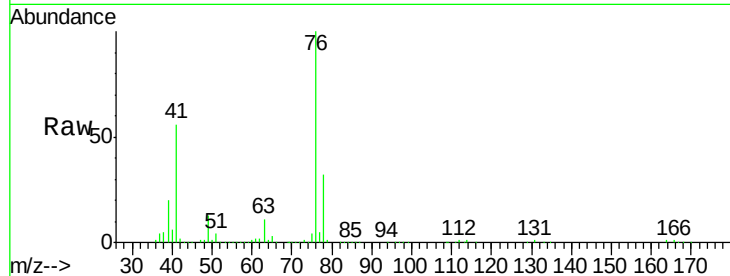




#57
 1,3-Dichloropropane
 Concen: 24.38 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VX003444.D
 Acq: 18 Jul 2018 13:48

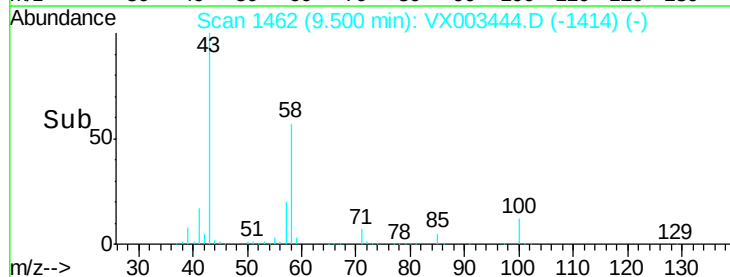
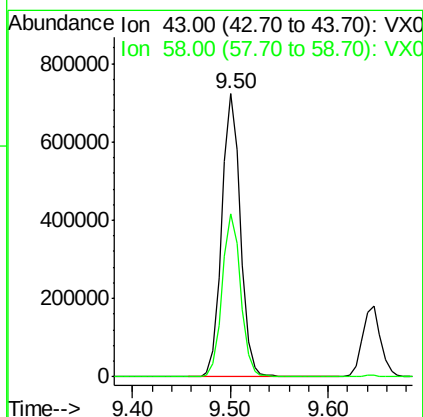
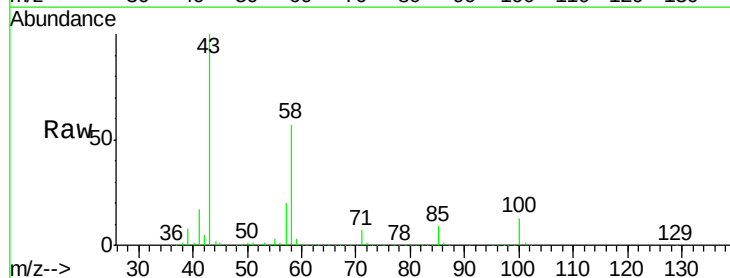
Instrument :
 MSVOA_X
 ClientSampled :

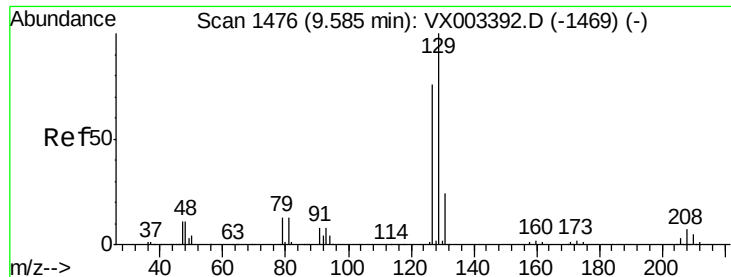
Tot Ion: 76 Resp: 294482
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6



#59
 2-Hexanone
 Concen: 117.87 ug/l
 RT: 9.50 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VX003444.D
 Acq: 18 Jul 2018 13:48

Tgt Ion: 43 Resp: 957628
 Ion Ratio Lower Upper
 43 100
 58 57.2 24.6 73.6





#60

Dibromochloromethane

Concen: 25.04 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX003444.D

Acq: 18 Jul 2018 13:48

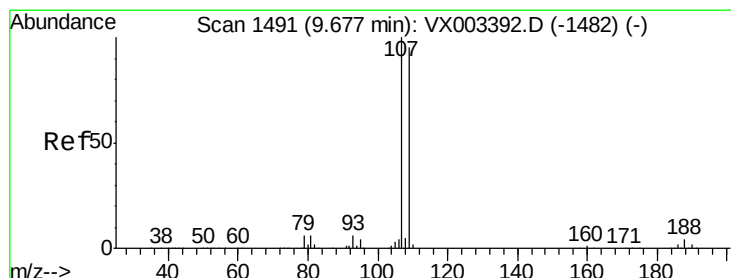
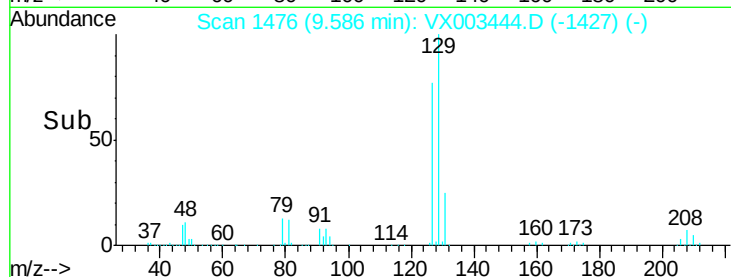
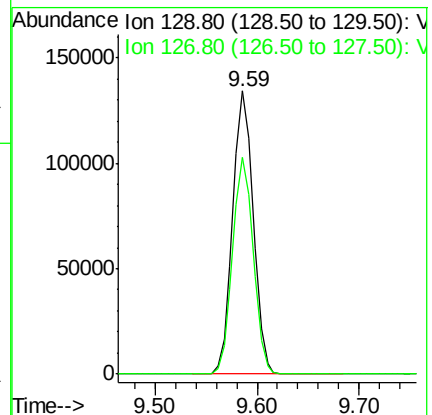
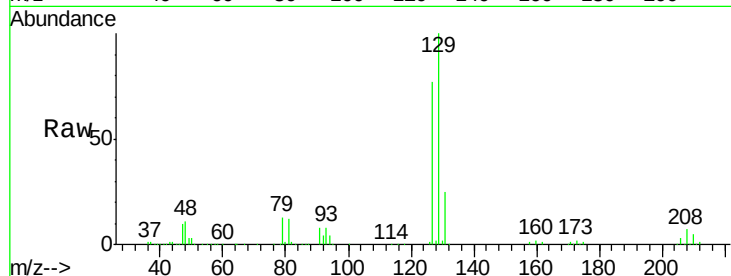
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:129 Resp: 187011

Ion Ratio Lower Upper

129 100

127 76.9 38.5 115.3



#61

1,2-Dibromoethane

Concen: 24.44 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003444.D

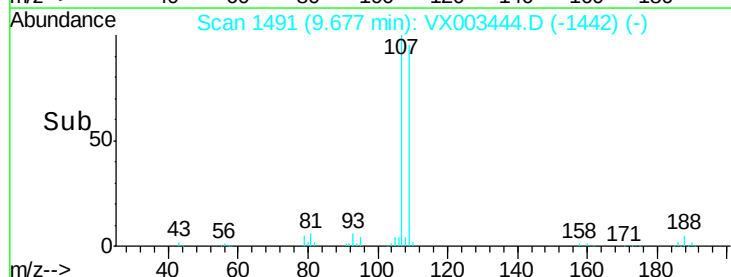
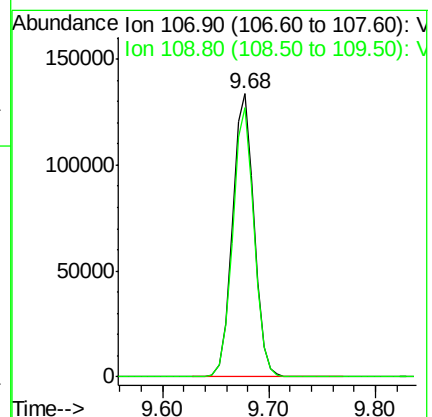
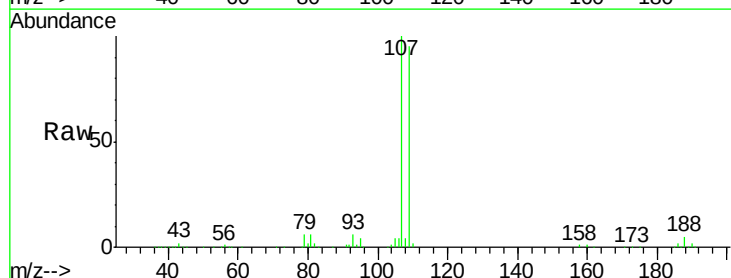
Acq: 18 Jul 2018 13:48

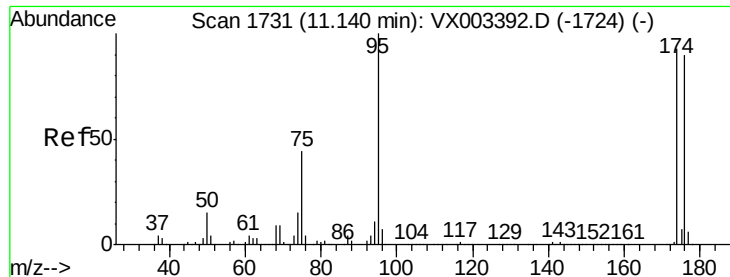
Tgt Ion:107 Resp: 189367

Ion Ratio Lower Upper

107 100

109 94.4 75.3 112.9

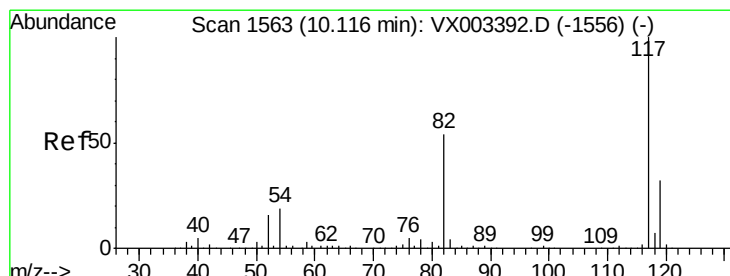
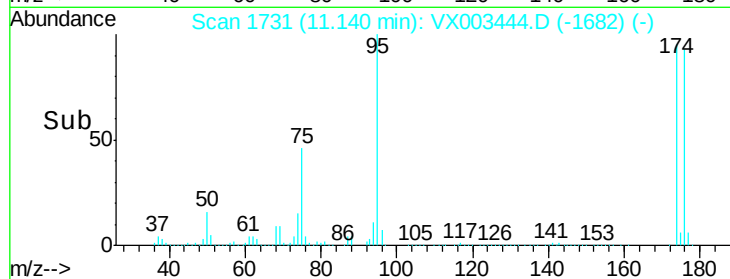
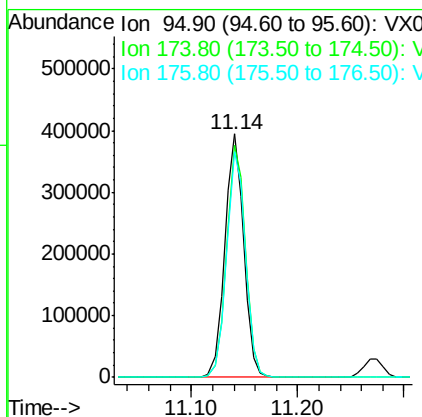
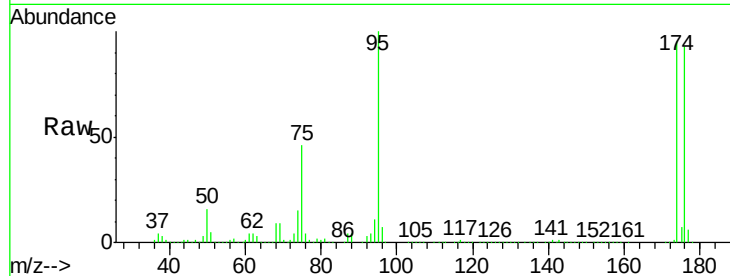




#62
4-Bromofluorobenzene
Concen: 49.01 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003444.D
Acq: 18 Jul 2018 13:48

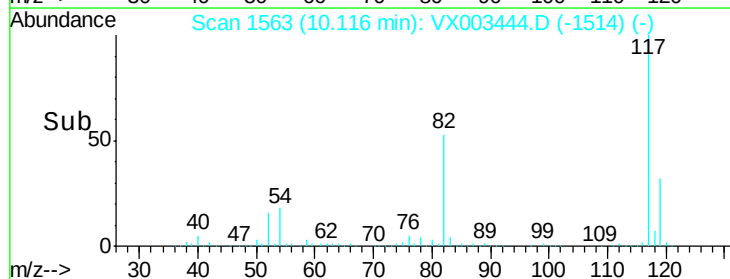
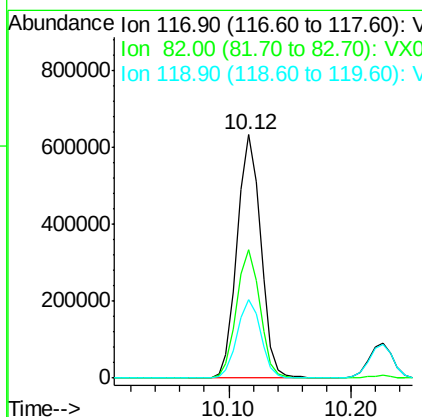
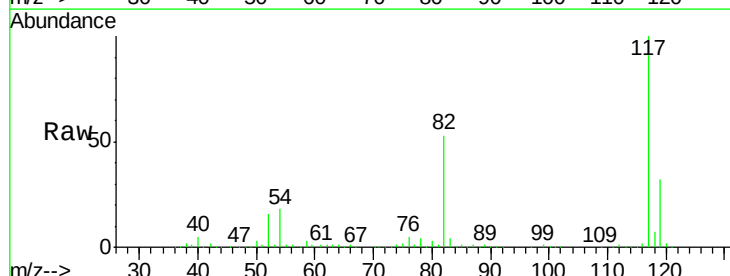
Instrument :
MSVOA_X
ClientSampled :

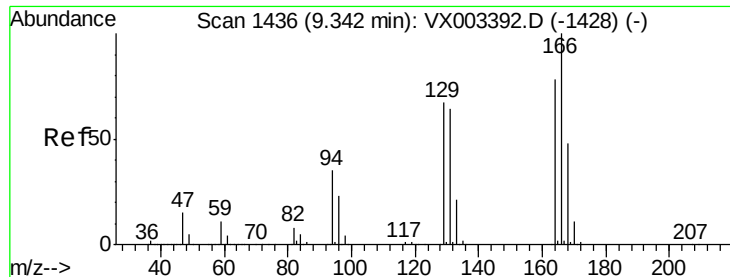
Tot Ion: 95 Resp: 487339
Ion Ratio Lower Upper
95 100
174 96.2 0.0 187.4
176 93.3 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003444.D
Acq: 18 Jul 2018 13:48

Tgt Ion: 117 Resp: 846228
Ion Ratio Lower Upper
117 100
82 52.9 45.0 67.4
119 32.3 25.8 38.6

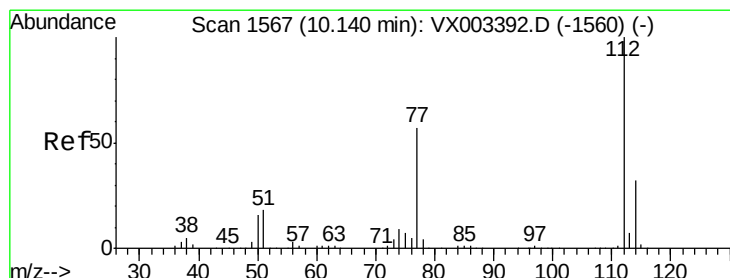
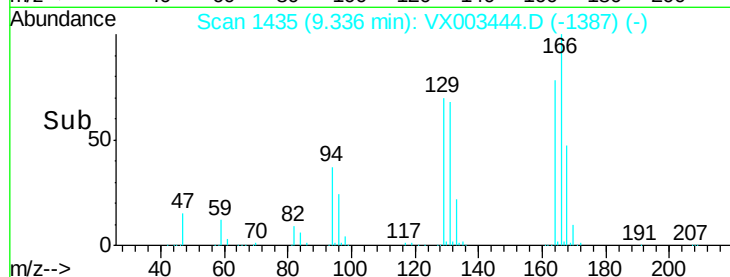
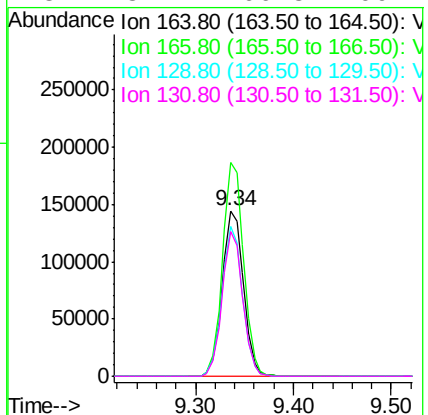
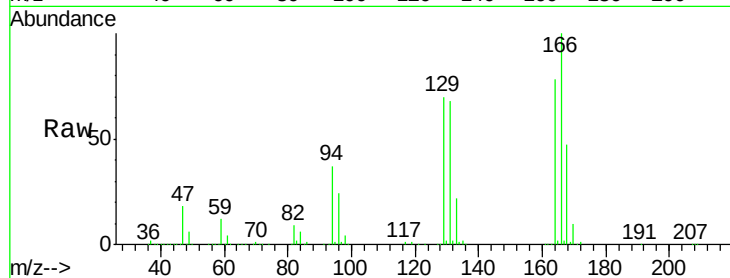




#64
Tetrachloroethene
Concen: 24.48 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX003444.D
Acq: 18 Jul 2018 13:48

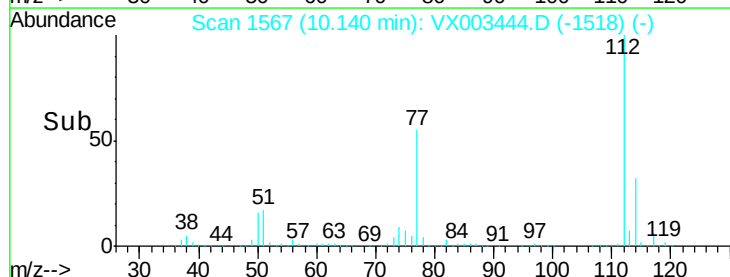
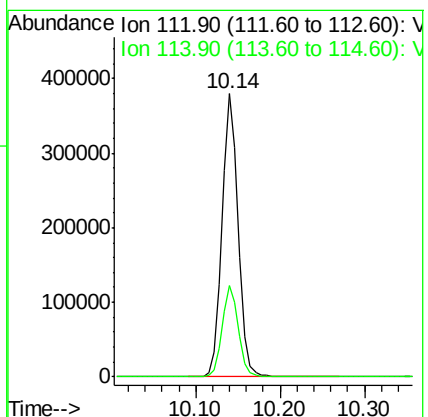
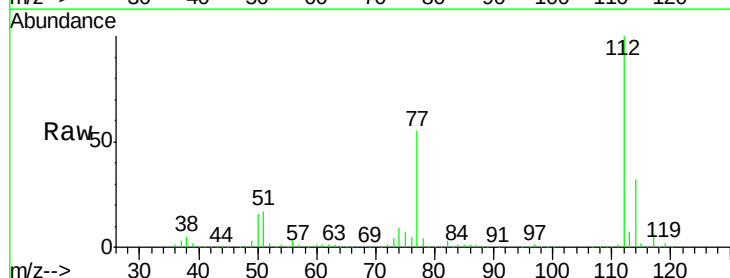
Instrument :
MSVOA_X
ClientSampleId :

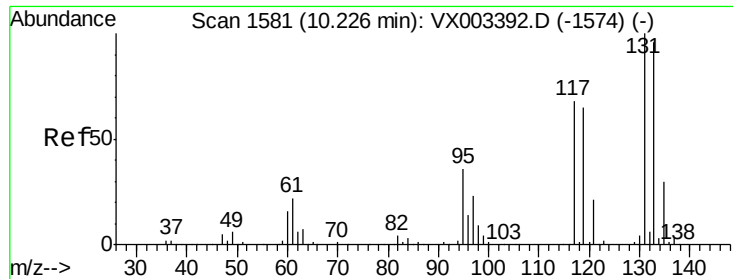
Tot Ion:164	Resp:	216689
Ion Ratio	Lower	Upper
164	100	
166	128.9	102.9 154.3
129	90.4	68.6 102.8
131	87.4	66.8 100.2



#65
Chlorobenzene
Concen: 25.11 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003444.D
Acq: 18 Jul 2018 13:48

Tgt Ion:112	Resp:	501886
Ion Ratio	Lower	Upper
112	100	
114	32.1	25.3 37.9

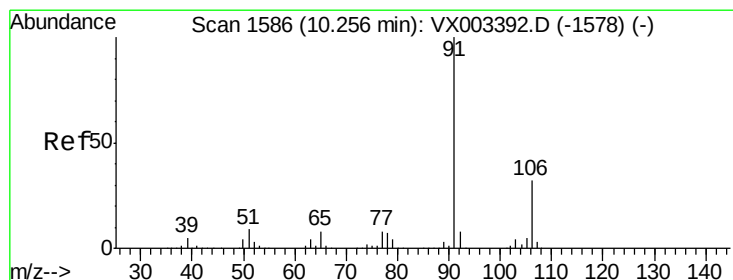
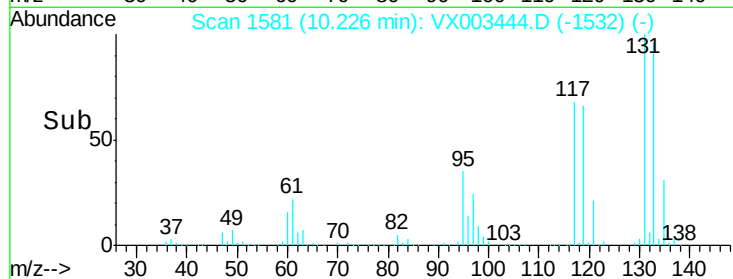
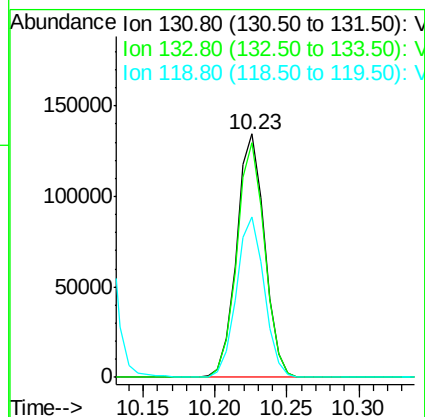
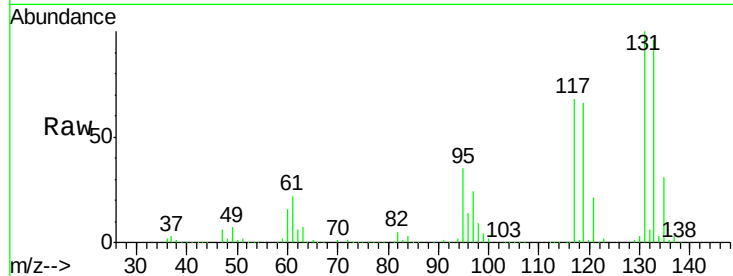




#66
 1,1,1,2-Tetrachloroethane
 Concen: 25.69 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: VX003444.D
 Acq: 18 Jul 2018 13:48

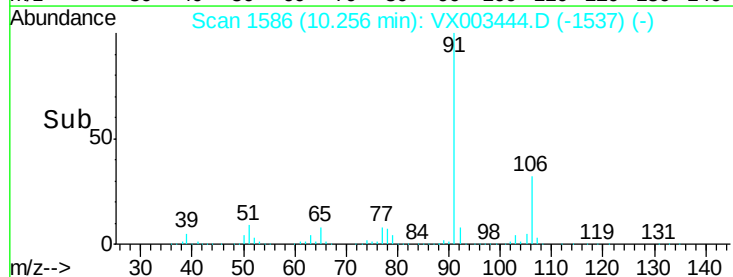
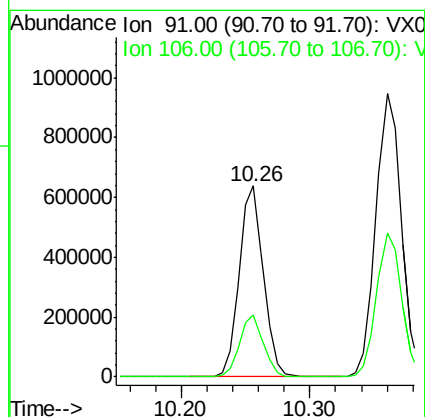
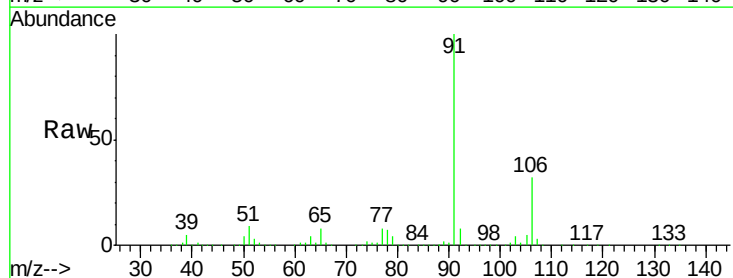
Instrument :
 MSVOA_X
 ClientSampleId :

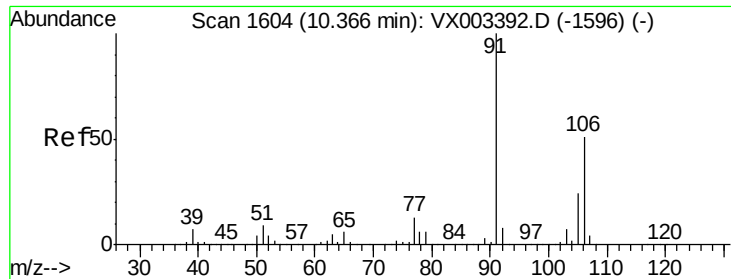
Tot Ion:131 Resp: 182544
 Ion Ratio Lower Upper
 131 100
 133 95.9 47.9 143.6
 119 65.6 31.8 95.3



#67
 Ethyl Benzene
 Concen: 25.41 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VX003444.D
 Acq: 18 Jul 2018 13:48

Tgt Ion: 91 Resp: 830239
 Ion Ratio Lower Upper
 91 100
 106 32.3 25.5 38.3

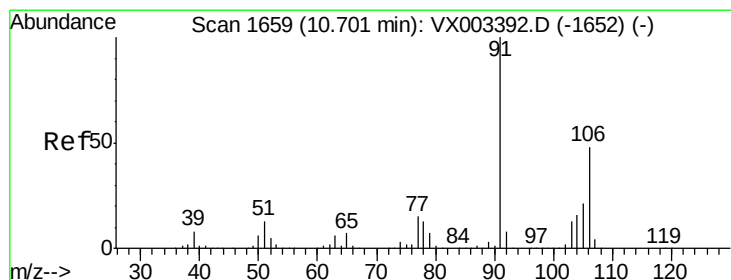
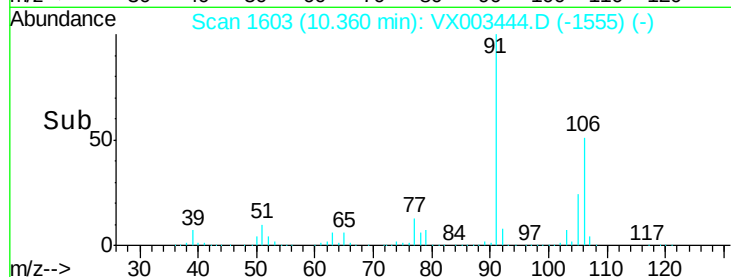
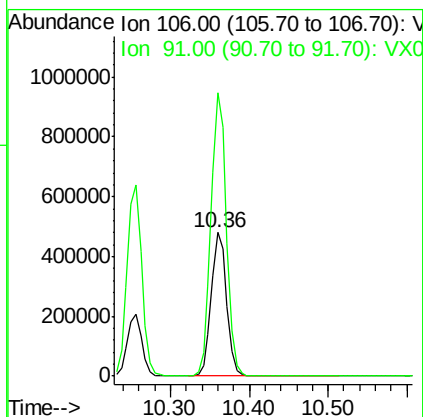
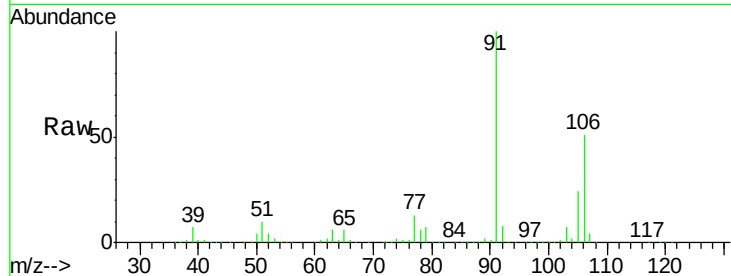




#68
m/p-Xylenes
Concen: 51.32 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX003444.D
Acq: 18 Jul 2018 13:48

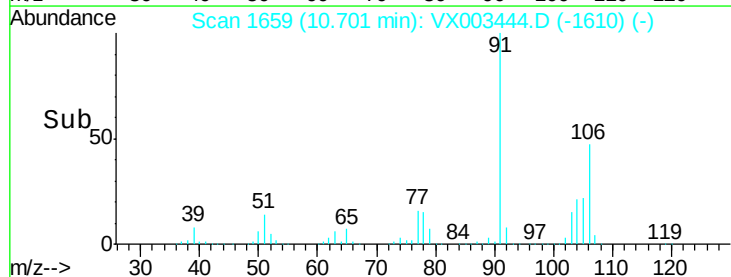
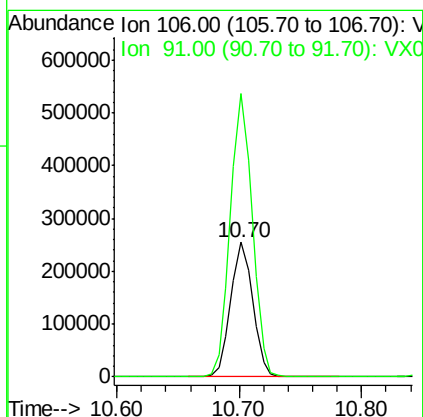
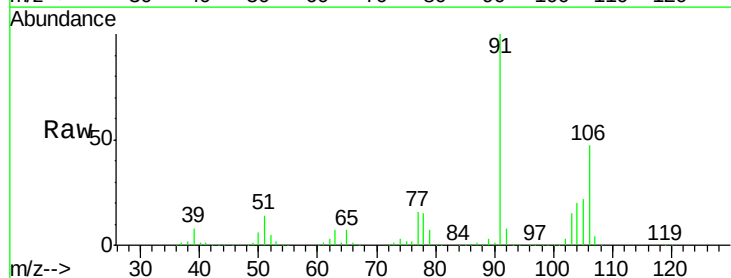
Instrument :
MSVOA_X
ClientSampleId :

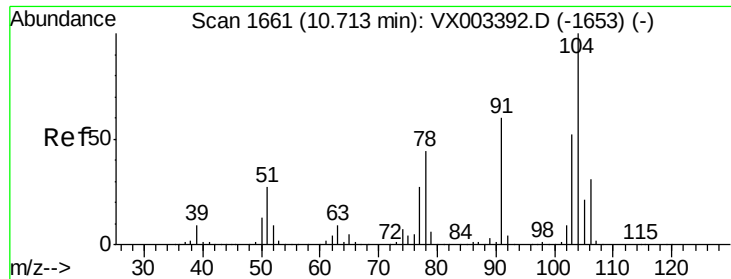
Tot Ion:106 Resp: 648611
Ion Ratio Lower Upper
106 100
91 197.9 163.4 245.2



#69
o-Xylene
Concen: 26.26 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003444.D
Acq: 18 Jul 2018 13:48

Tgt Ion:106 Resp: 318760
Ion Ratio Lower Upper
106 100
91 209.7 108.2 324.6

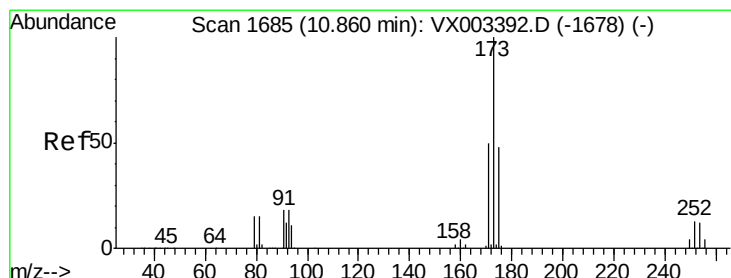
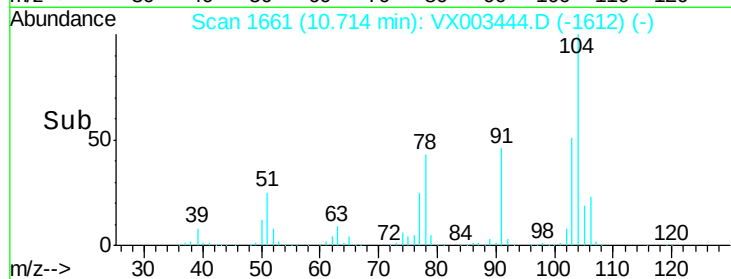
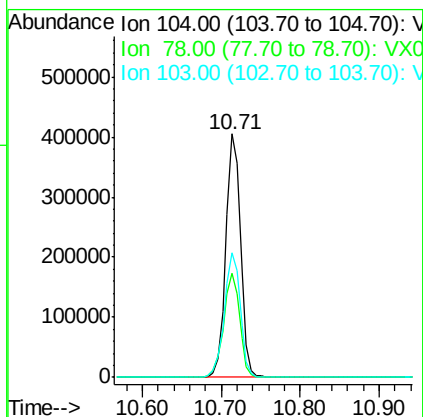
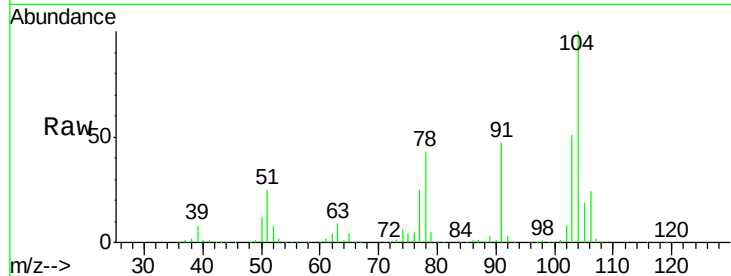




#70
Stvrene
Concen: 26.21 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003444.D
Acq: 18 Jul 2018 13:48

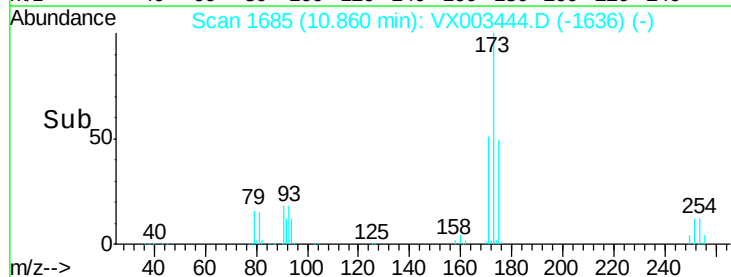
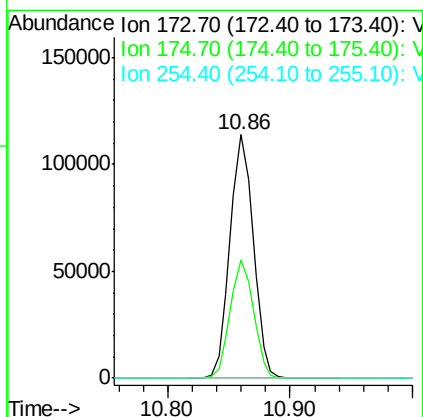
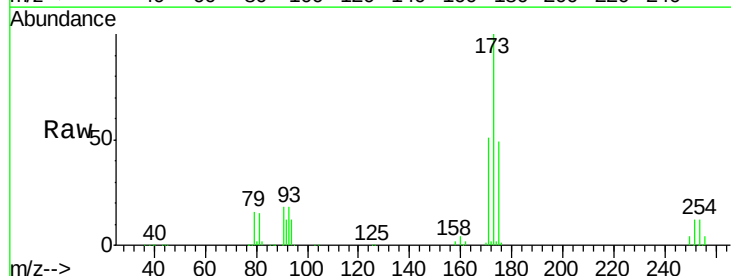
Instrument :
MSVOA_X
ClientSampleId :

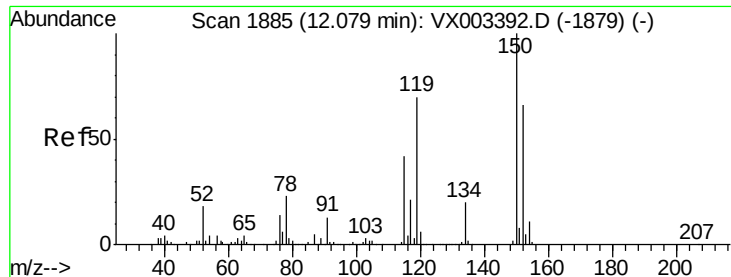
Tot Ion:104 Resp: 523531
Ion Ratio Lower Upper
104 100
78 47.2 41.0 61.6
103 55.4 44.2 66.4



#71
Bromoform
Concen: 26.33 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003444.D
Acq: 18 Jul 2018 13:48

Tgt Ion:173 Resp: 150514
Ion Ratio Lower Upper
173 100
175 48.5 24.7 74.1
254 0.2 0.2 0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003444.D

Acq: 18 Jul 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

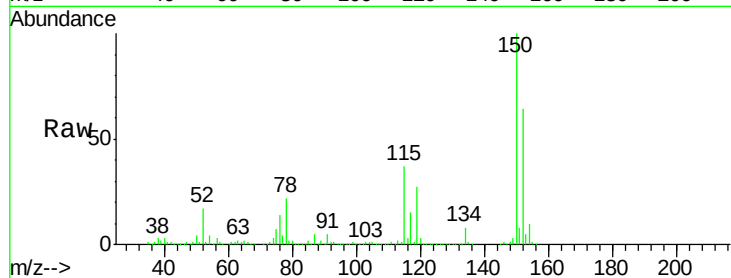
Tot Ion:152 Resp: 512770

Ion Ratio Lower Upper

152 100

115 63.7 40.1 120.2

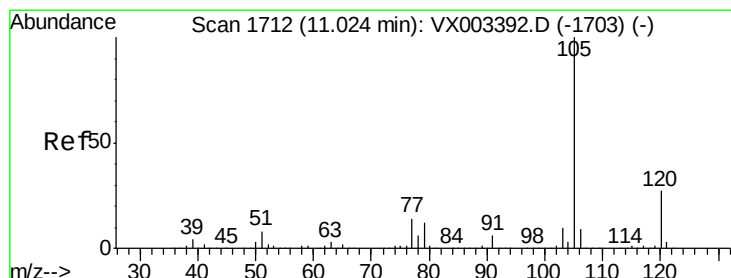
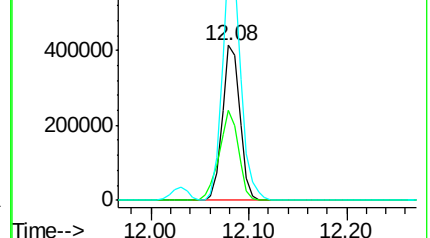
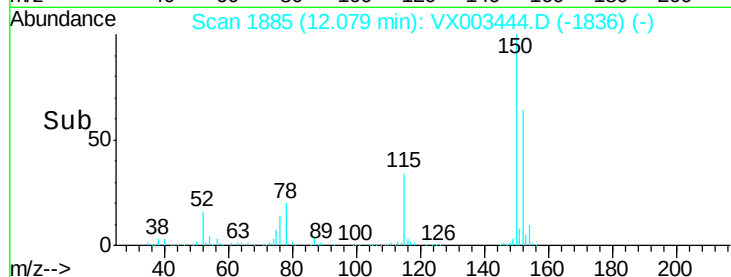
150 164.7 0.0 347.2



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: 25.54 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003444.D

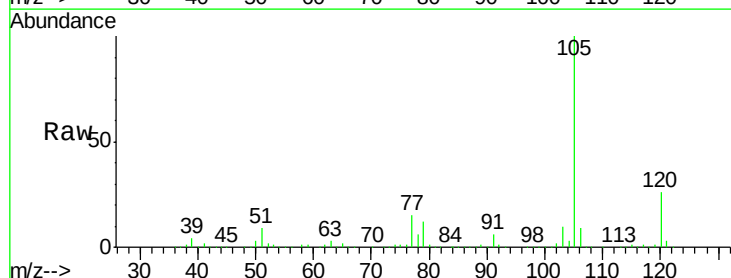
Acq: 18 Jul 2018 13:48

Tgt Ion:105 Resp: 838473

Ion Ratio Lower Upper

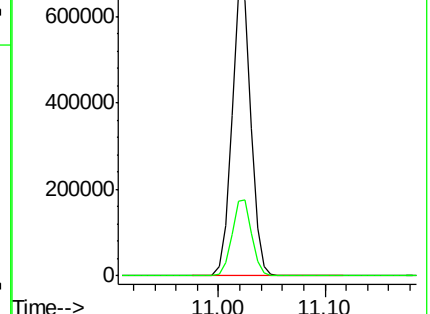
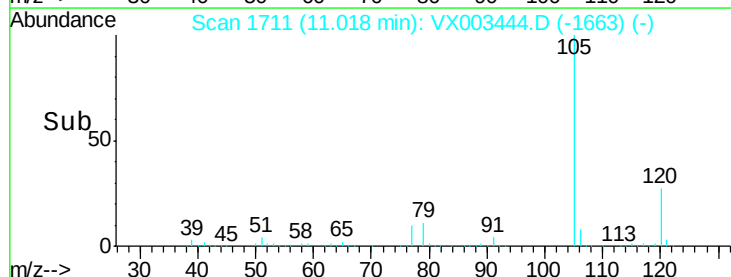
105 100

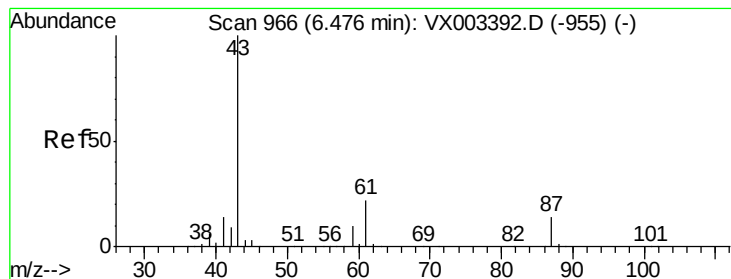
120 27.2 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 20.00 ug/l

RT: 6.47 min Scan# 965

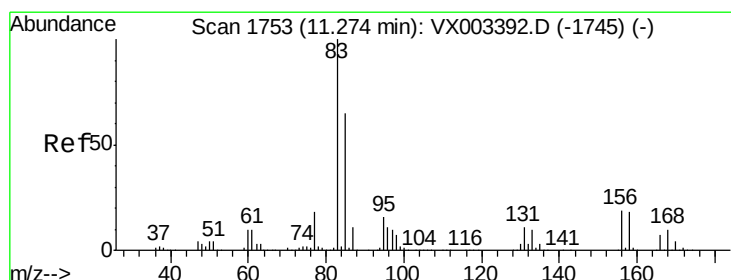
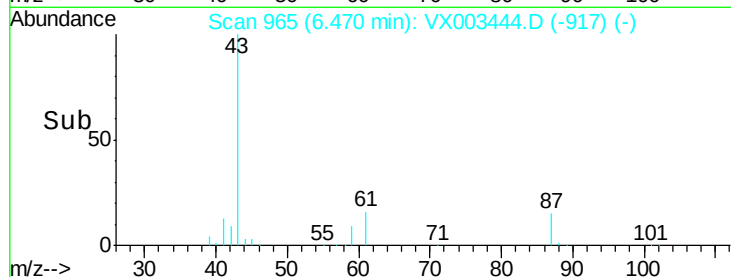
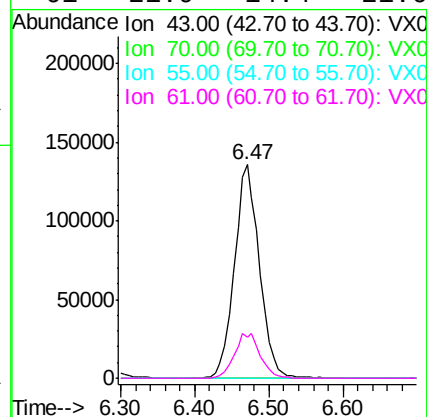
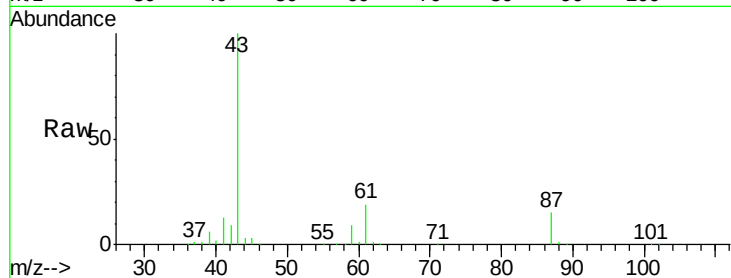
Delta R.T. -0.01 min

Lab File: VX003444.D

Acq: 18 Jul 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	43	Resp:	315721
Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.1	0.0	0.0#
61	21.9	14.4	21.6#



#75

1,1,2,2-Tetrachloroethane

Concen: 24.28 ug/l

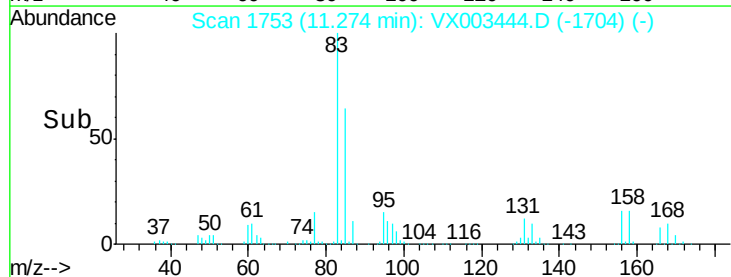
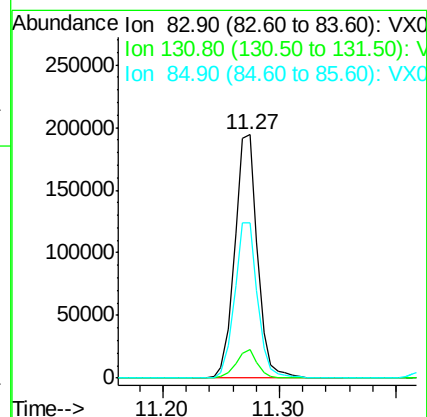
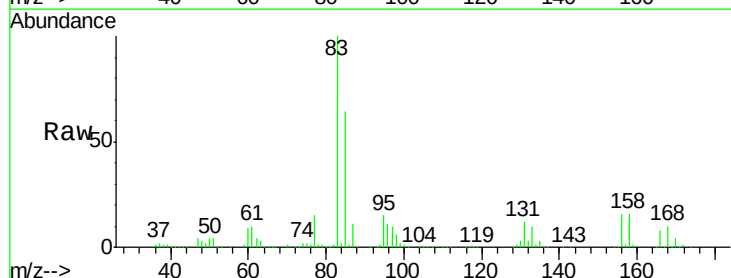
RT: 11.27 min Scan# 1753

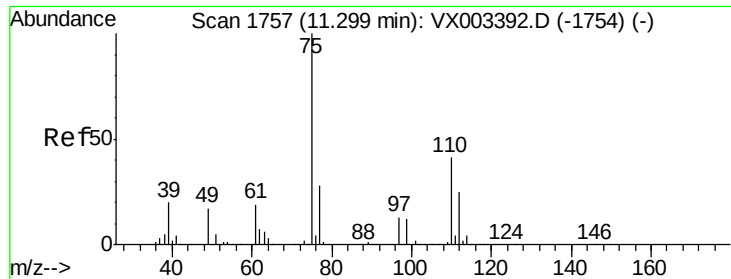
Delta R.T. 0.00 min

Lab File: VX003444.D

Acq: 18 Jul 2018 13:48

Tgt Ion:	83	Resp:	263177
Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.6	16.8
85	64.4	32.4	97.2





#76

1,2,3-Trichloropropane

Concen: 30.44 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003444.D

Acq: 18 Jul 2018 13:48

Instrument :

MSVOA_X

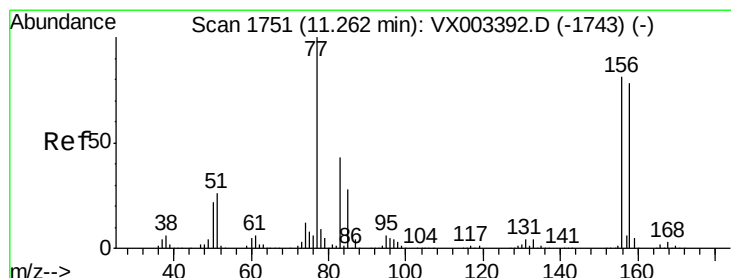
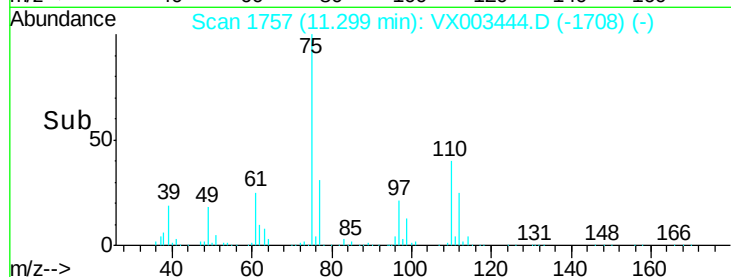
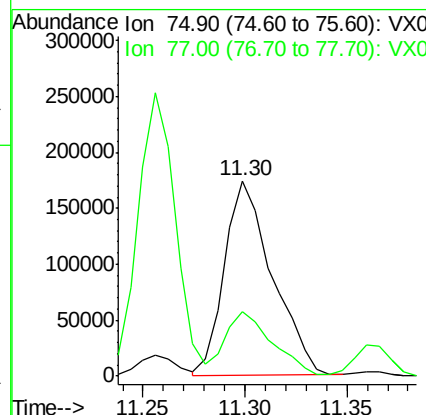
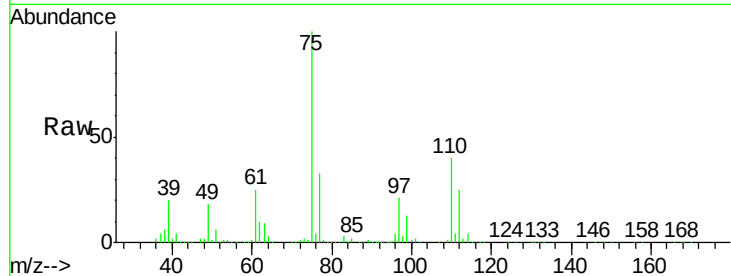
ClientSampled :

Tot Ion: 75 Resp: 282605

Ion Ratio Lower Upper

75 100

77 32.9 22.8 68.3



#77

Bromobenzene

Concen: 25.41 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003444.D

Acq: 18 Jul 2018 13:48

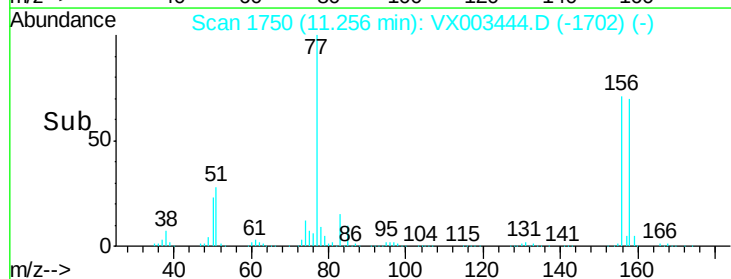
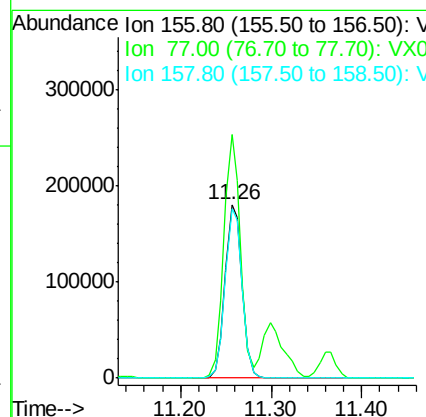
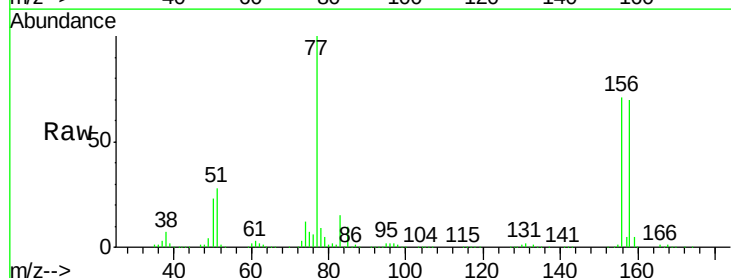
Tgt Ion: 156 Resp: 236987

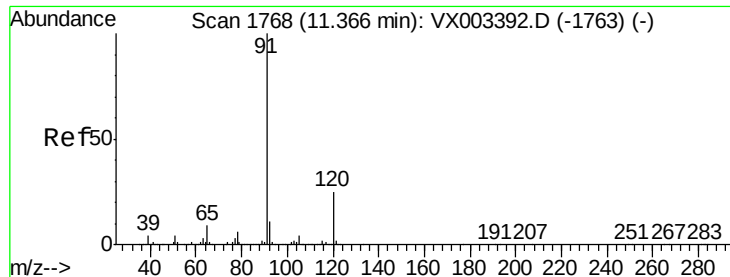
Ion Ratio Lower Upper

156 100

77 136.2 71.4 214.2

158 97.9 48.9 146.6





#78

n-propylbenzene

Concen: 25.40 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003444.D

Acq: 18 Jul 2018 13:48

Instrument :

MSVOA_X

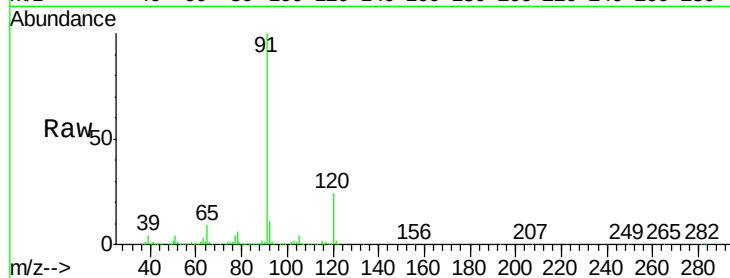
ClientSampled :

Tot Ion: 91 Resp: 931705

Ion Ratio Lower Upper

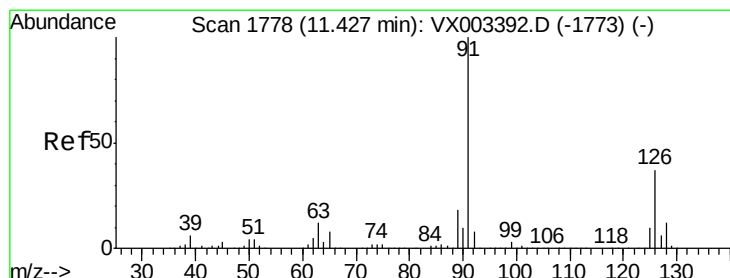
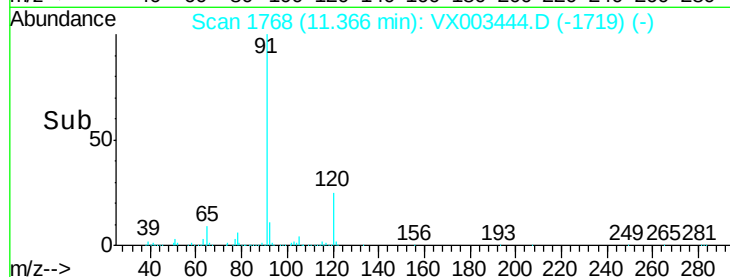
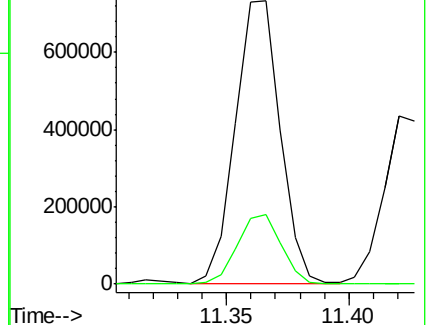
91 100

120 24.3 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: 24.95 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX003444.D

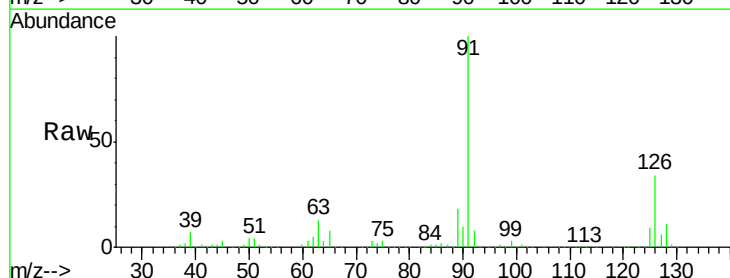
Acq: 18 Jul 2018 13:48

Tgt Ion: 91 Resp: 560977

Ion Ratio Lower Upper

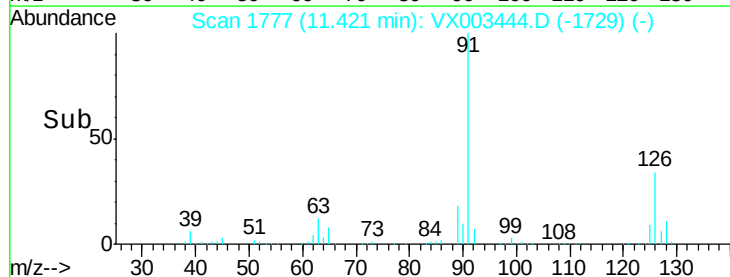
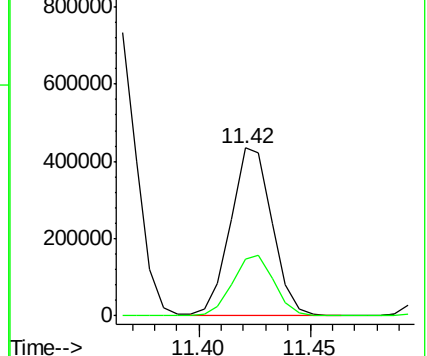
91 100

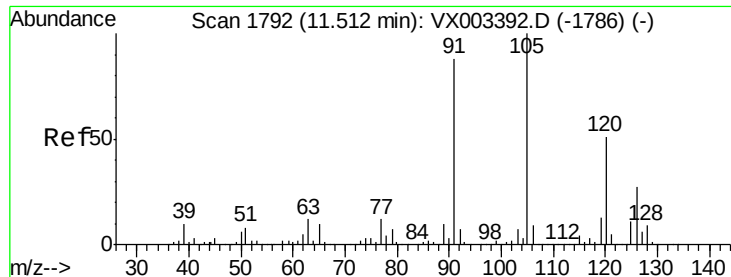
126 36.5 17.7 53.1



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: 25.81 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003444.D

Acq: 18 Jul 2018 13:48

Instrument :

MSVOA_X

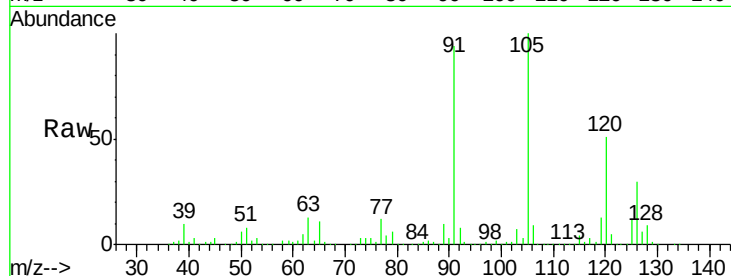
ClientSampled :

Tot Ion:105 Resp: 692315

Ion Ratio Lower Upper

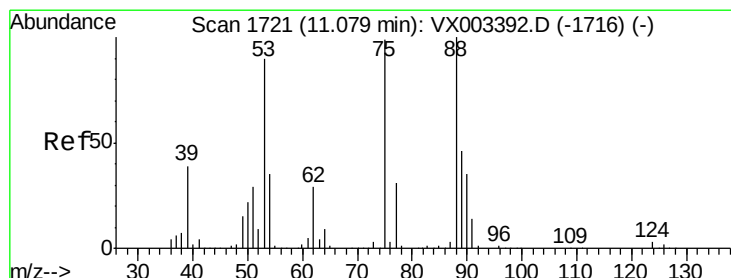
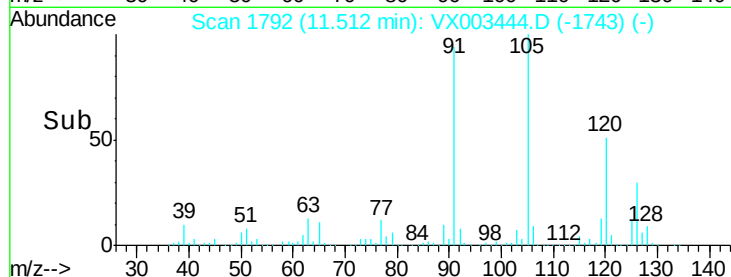
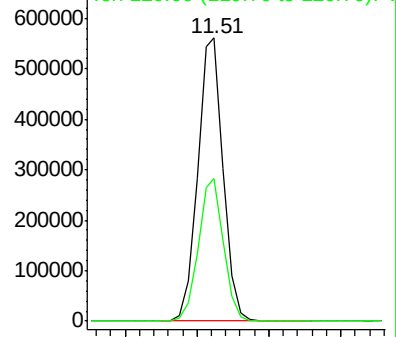
105 100

120 50.1 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: 20.26 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003444.D

Acq: 18 Jul 2018 13:48

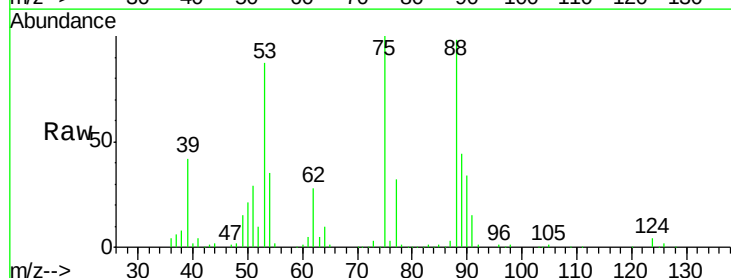
Tgt Ion: 75 Resp: 57894

Ion Ratio Lower Upper

75 100

53 91.2 86.8 130.2

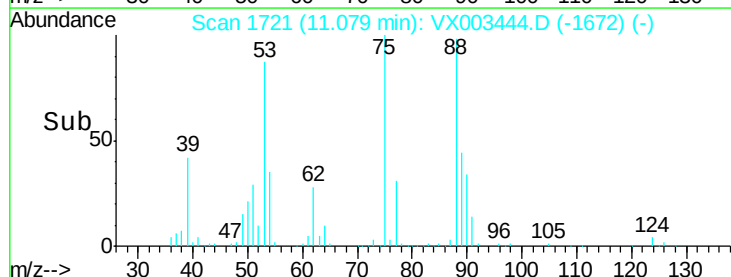
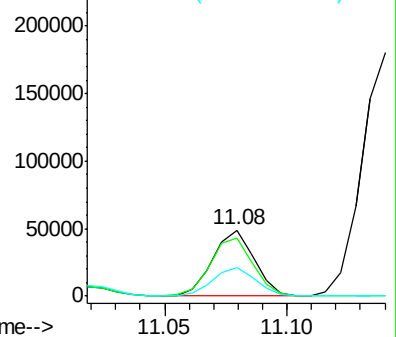
89 45.1 38.2 57.2

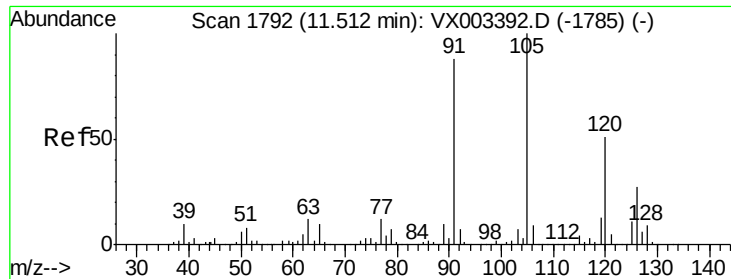


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

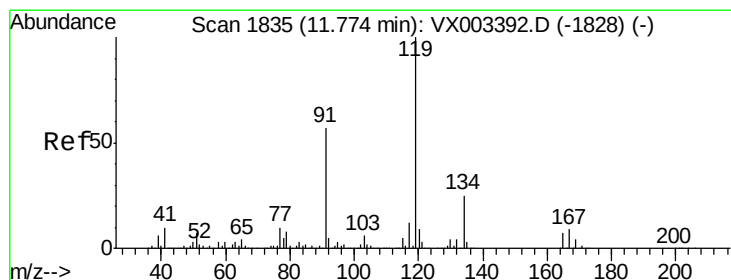
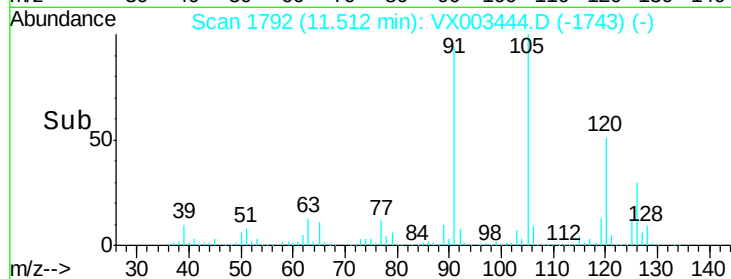
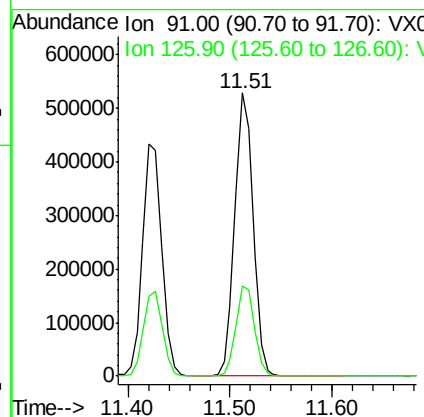
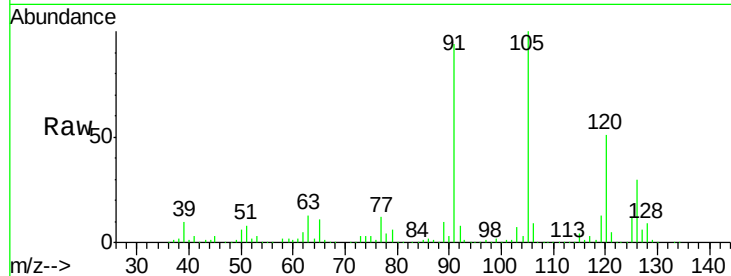




#82
4-Chlorotoluene
Concen: 24.98 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003444.D
Acq: 18 Jul 2018 13:48

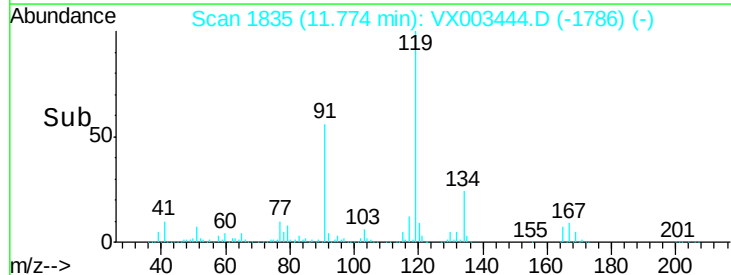
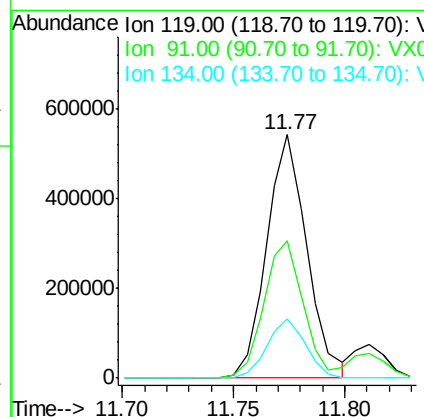
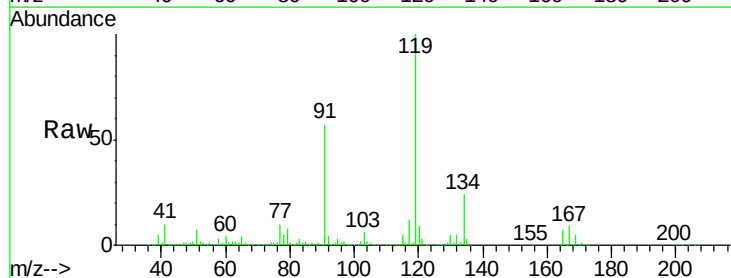
Instrument :
MSVOA_X
ClientSampled :

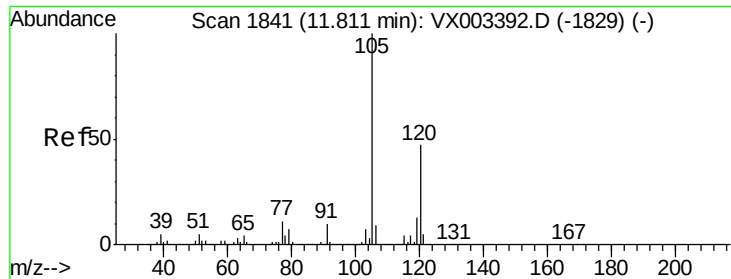
Tot Ion: 91 Resp: 655439
Ion Ratio Lower Upper
91 100
126 32.0 15.4 46.4



#83
tert-Butylbenzene
Concen: 25.97 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003444.D
Acq: 18 Jul 2018 13:48

Tgt Ion: 119 Resp: 680774
Ion Ratio Lower Upper
119 100
91 54.8 30.3 90.9
134 23.7 11.7 35.1

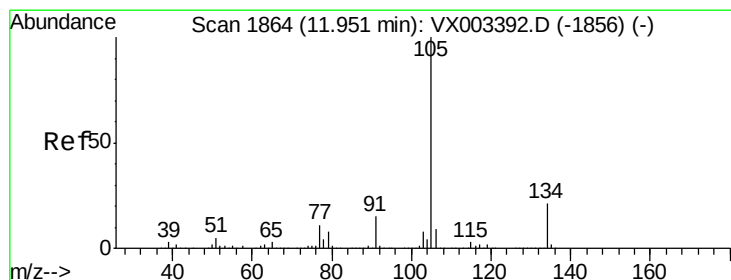
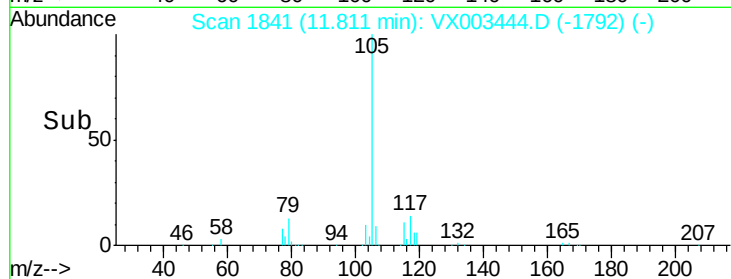
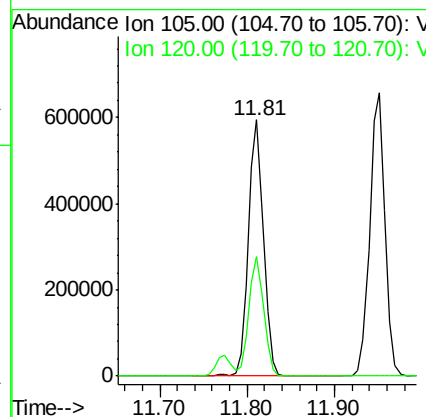
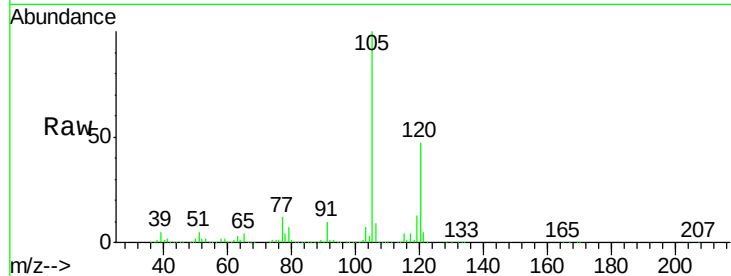




#84
 1,2,4-Trimethylbenzene
 Concen: 25.96 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003444.D
 Acq: 18 Jul 2018 13:48

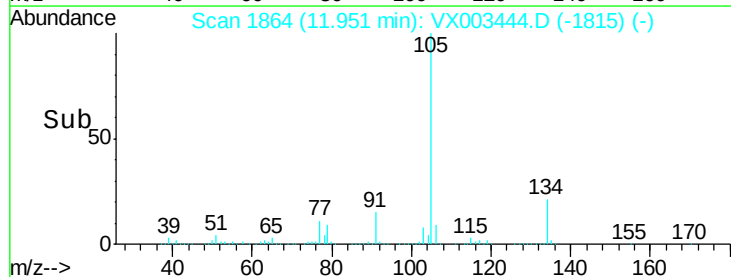
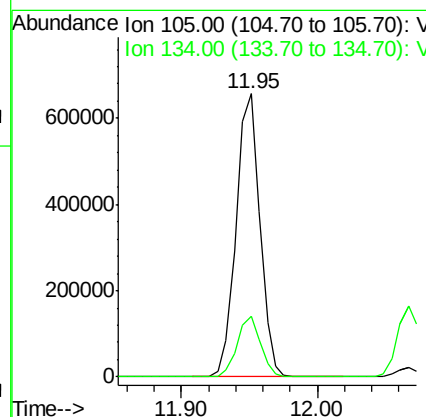
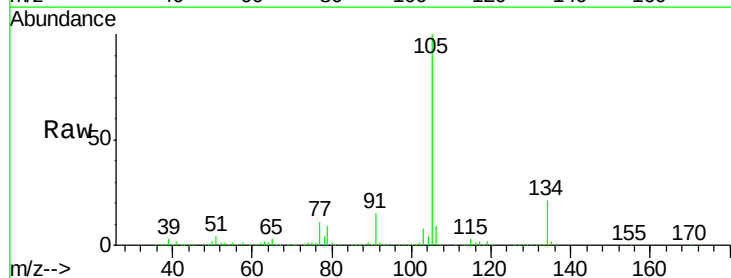
Instrument :
 MSVOA_X
 ClientSampleId :

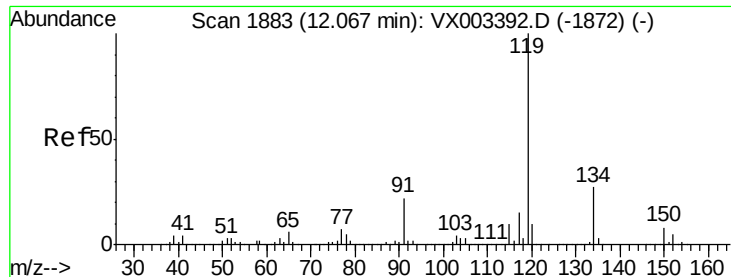
Tot Ion:105 Resp: 715181
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.3 66.8



#85
 sec-Butylbenzene
 Concen: 25.05 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003444.D
 Acq: 18 Jul 2018 13:48

Tgt Ion:105 Resp: 796687
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.1





#86

p-Isopropyltoluene

Concen: 25.39 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003444.D

Acq: 18 Jul 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

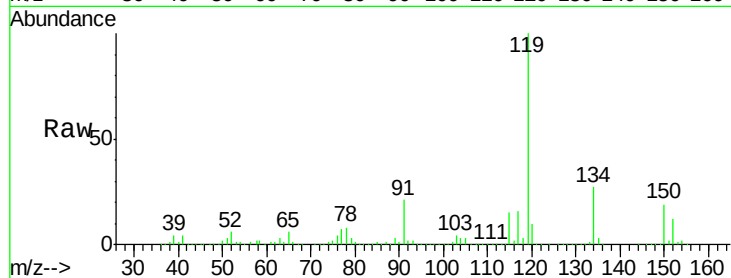
Tot Ion:119 Resp: 718708

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

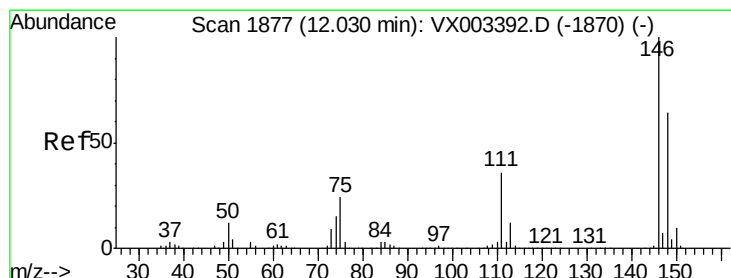
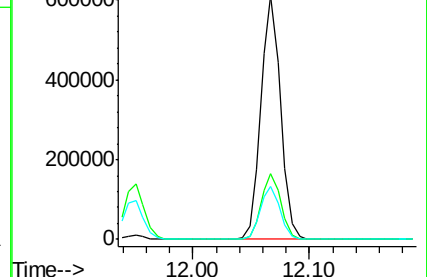
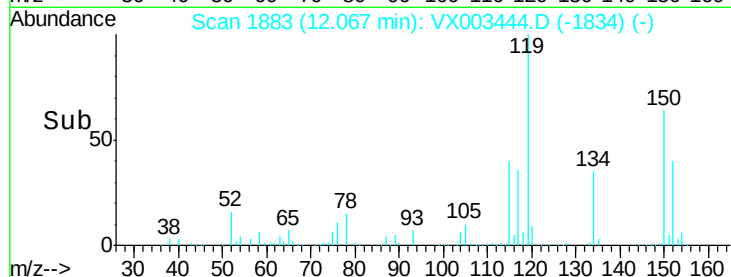
91 21.7 11.9 35.7



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): V



#87

1,3-Dichlorobenzene

Concen: 24.57 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003444.D

Acq: 18 Jul 2018 13:48

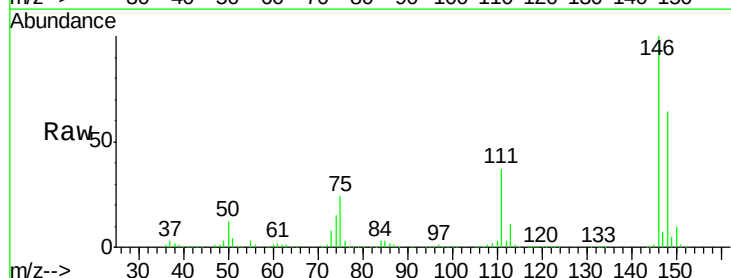
Tgt Ion:146 Resp: 419346

Ion Ratio Lower Upper

146 100

111 37.2 18.9 56.7

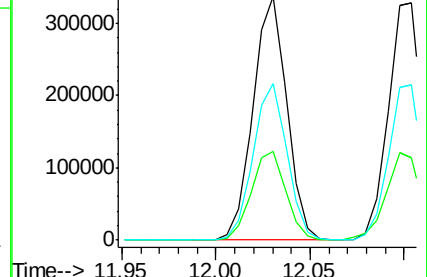
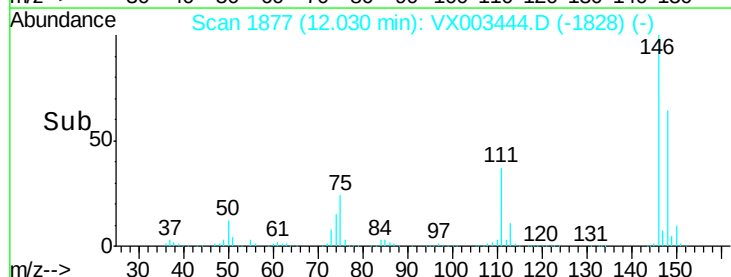
148 64.3 32.1 96.3

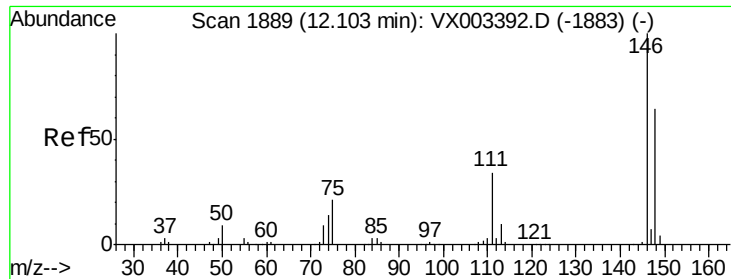


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

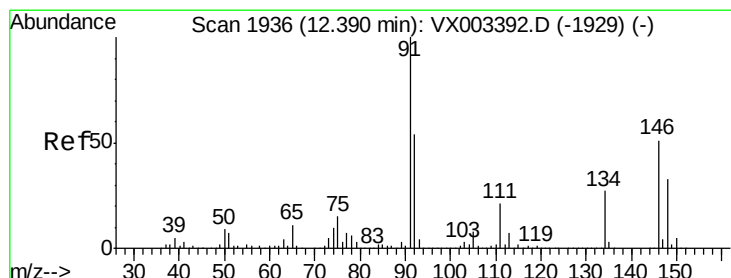
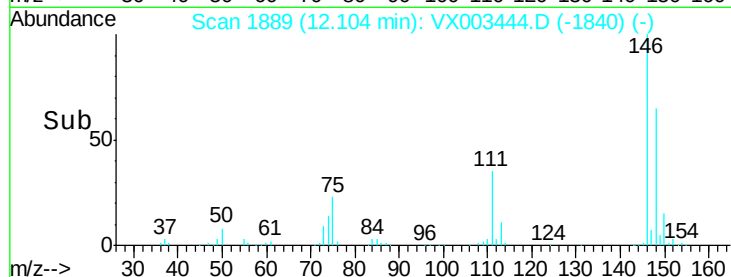
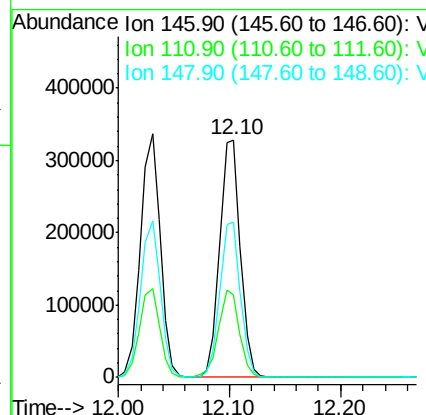
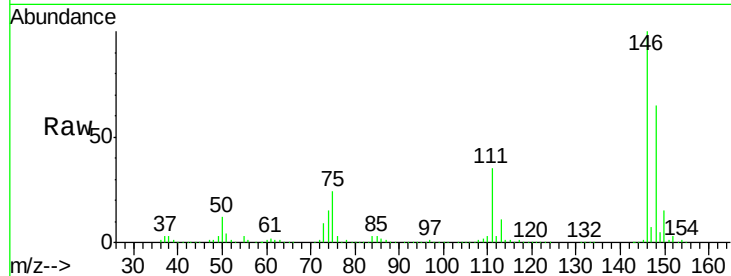




#88
 1,4-Dichlorobenzene
 Concen: 24.33 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX003444.D
 Acq: 18 Jul 2018 13:48

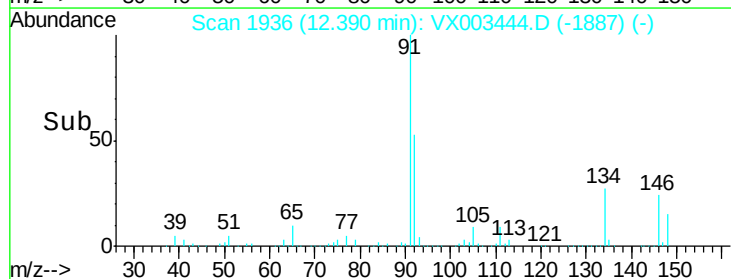
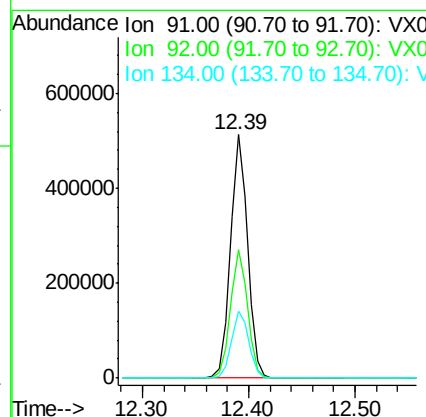
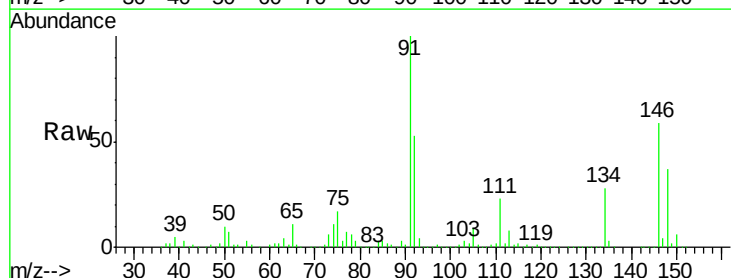
Instrument :
 MSVOA_X
 ClientSampled :

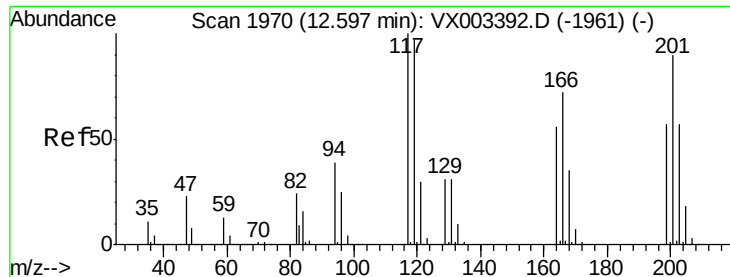
Tot Ion:146 Resp: 421695
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.7 56.1
 148 65.2 32.4 97.0



#89
 n-Butylbenzene
 Concen: 23.92 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VX003444.D
 Acq: 18 Jul 2018 13:48

Tgt Ion: 91 Resp: 576698
 Ion Ratio Lower Upper
 91 100
 92 52.8 26.0 78.0
 134 28.1 13.5 40.5





#90

Hexachloroethane

Concen: 25.14 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003444.D

Acq: 18 Jul 2018 13:48

Instrument :

MSVOA_X

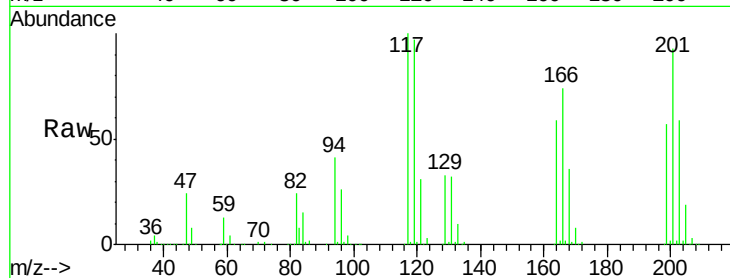
ClientSampled :

Tot Ion:117 Resp: 107824

Ion Ratio Lower Upper

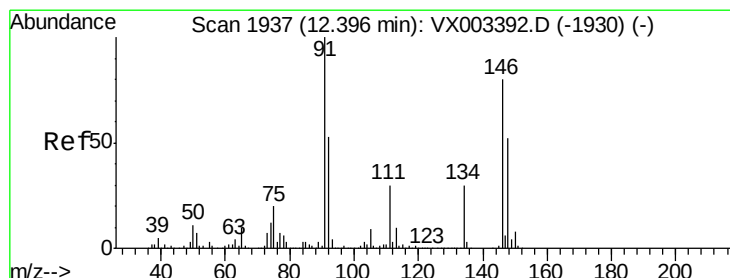
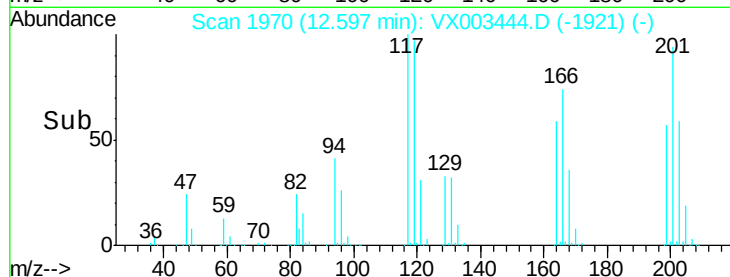
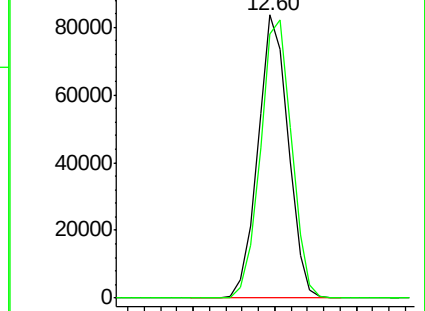
117 100

201 100.9 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 25.09 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003444.D

Acq: 18 Jul 2018 13:48

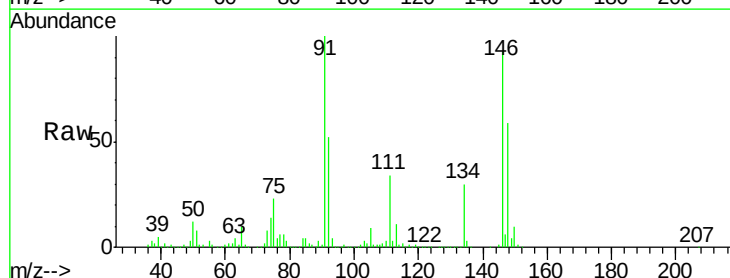
Tgt Ion:146 Resp: 430119

Ion Ratio Lower Upper

146 100

111 38.1 19.4 58.1

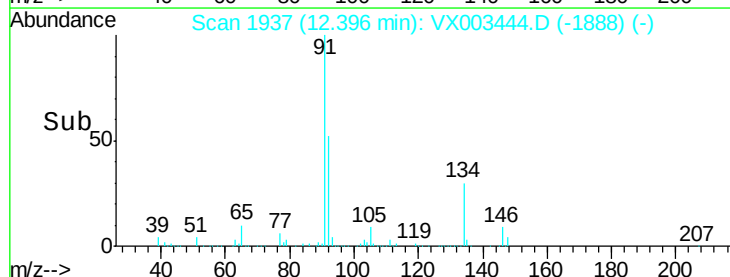
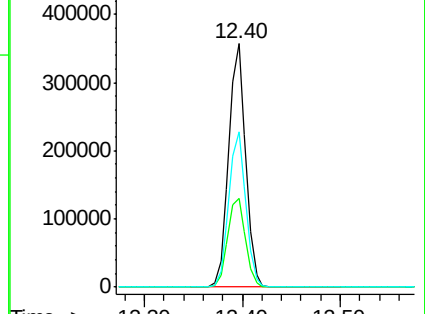
148 64.0 31.7 95.1

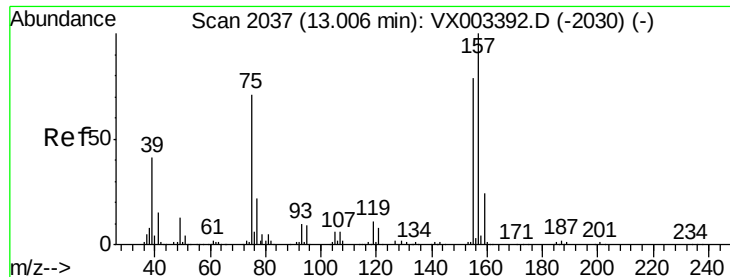


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

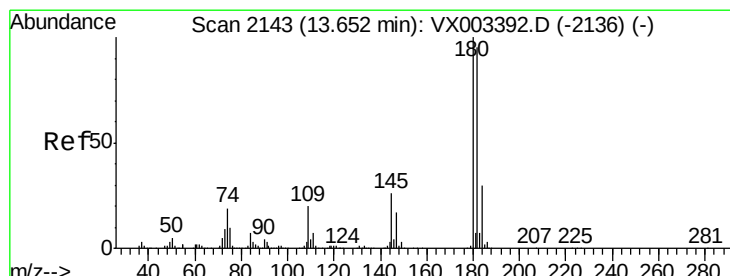
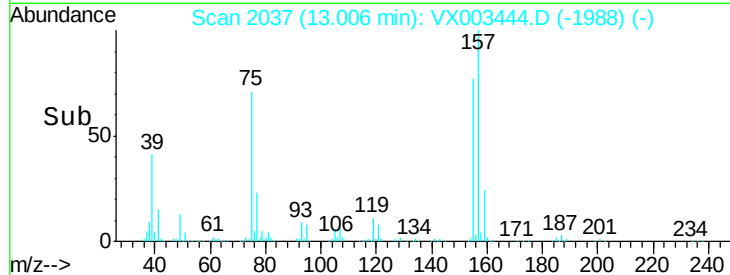
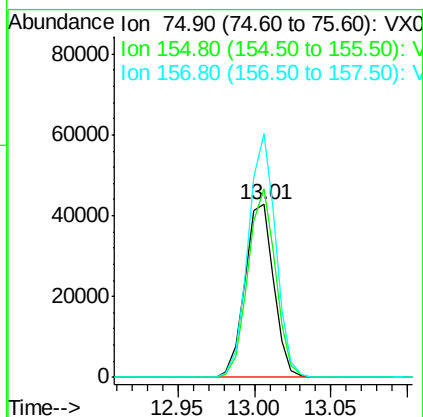
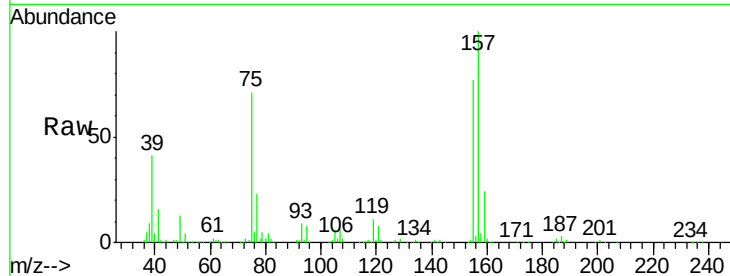




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 24.84 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003444.D
 Acq: 18 Jul 2018 13:48

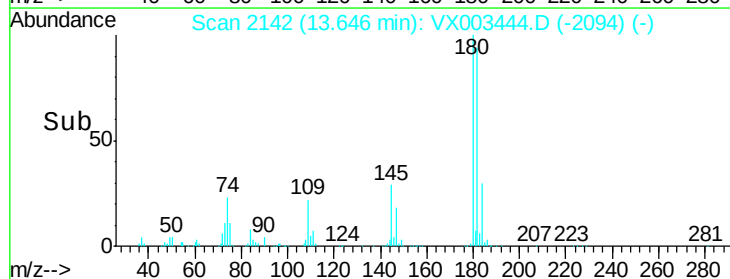
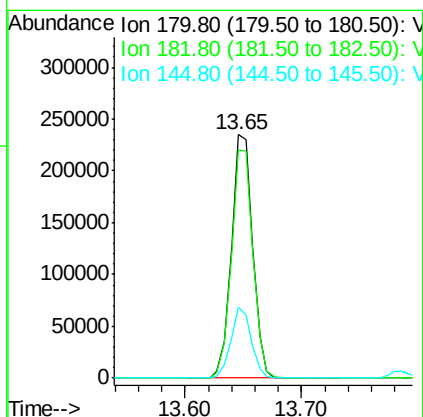
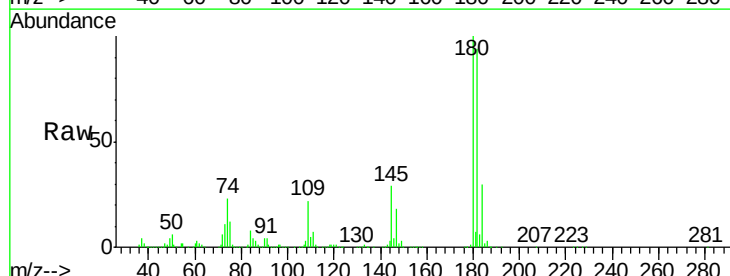
Instrument :
 MSVOA_X
 ClientSampleId :

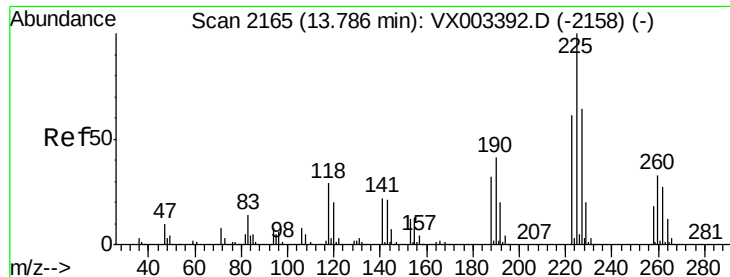
Tot Ion: 75 Resp: 56010
 Ion Ratio Lower Upper
 75 100
 155 104.5 45.8 137.4
 157 133.9 60.1 180.3



#93
 1,2,4-Trichlorobenzene
 Concen: 25.35 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: VX003444.D
 Acq: 18 Jul 2018 13:48

Tgt Ion:180 Resp: 297399
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.7 143.1
 145 27.7 14.1 42.4





#94

Hexachlorobutadiene

Concen: 22.46 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX003444.D

Acq: 18 Jul 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

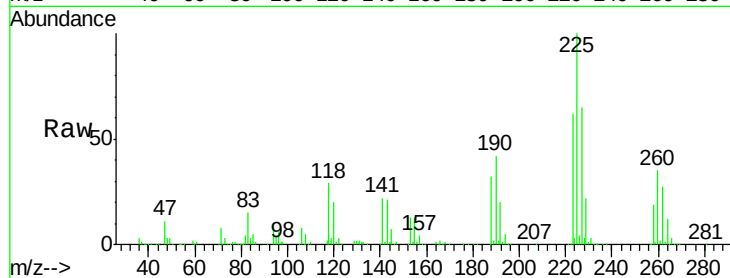
Tot Ion:225 Resp: 126818

Ion Ratio Lower Upper

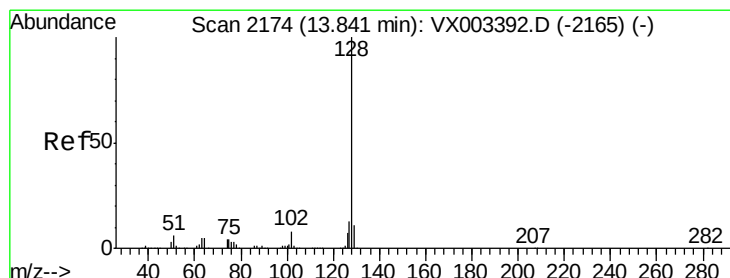
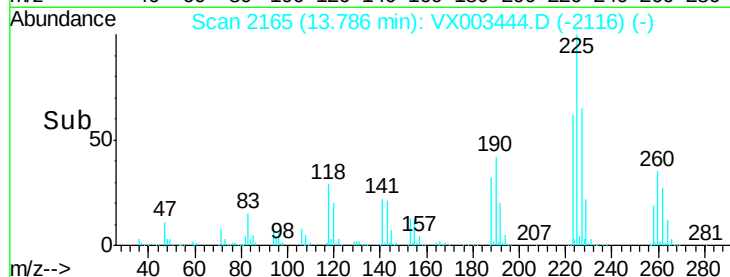
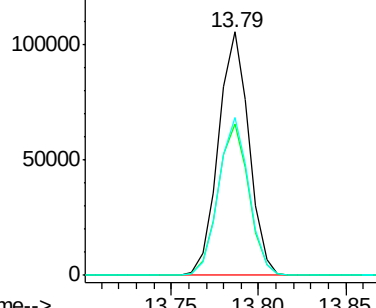
225 100

223 62.9 31.6 95.0

227 64.2 32.4 97.2



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



#95

Naphthalene

Concen: 27.17 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX003444.D

Acq: 18 Jul 2018 13:48

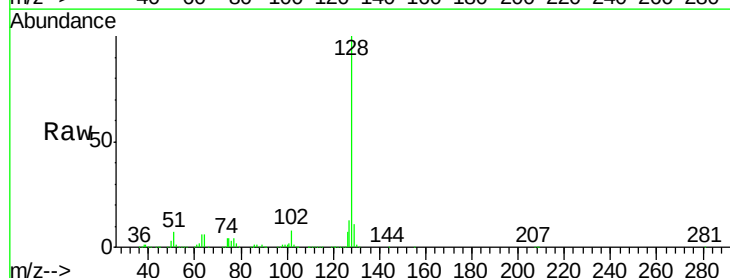
Tgt Ion:128 Resp: 913369

Ion Ratio Lower Upper

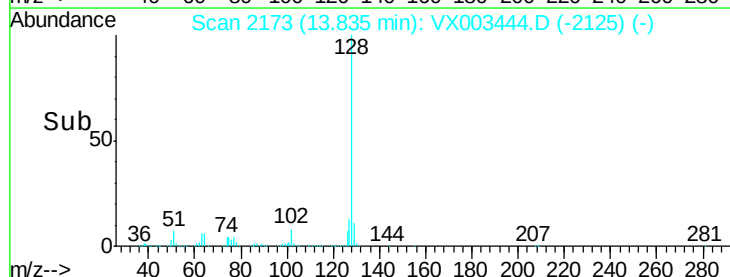
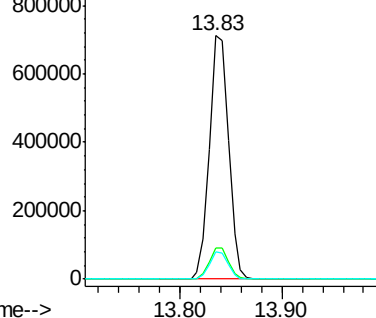
128 100

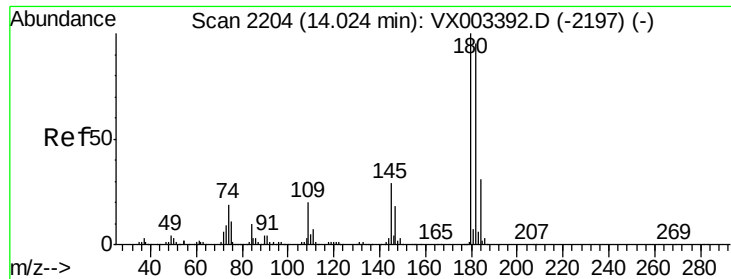
127 12.8 10.4 15.6

129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

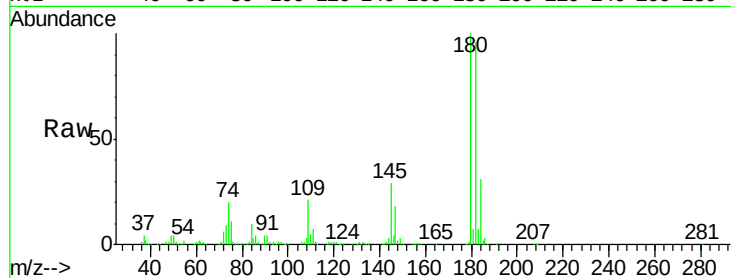




#96
 1,2,3-Trichlorobenzene
 Concen: 25.41 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX003444.D
 Acq: 18 Jul 2018 13:48

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.0	144.0
145	29.4	14.8	44.3



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

