

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\
 Data File : VX003092.D
 Acq On : 30 Jun 2018 21:09
 Operator : JC/MD
 Sample : J3716-05MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S22-0037MS

Quant Time: Jul 02 02:47:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	268816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	375641	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	356276	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	224608	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	181439	48.83	ug/l	0.00
Spiked Amount			Recovery	=	97.66%	
35) Dibromofluoromethane	5.51	113	149448	50.24	ug/l	0.00
Spiked Amount			Recovery	=	100.48%	
50) Toluene-d8	8.72	98	524901	48.32	ug/l	0.00
Spiked Amount			Recovery	=	96.64%	
62) 4-Bromofluorobenzene	11.14	95	208895	49.86	ug/l	0.00
Spiked Amount			Recovery	=	99.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	140731	58.69	ug/l	99
3) Chloromethane	1.32	50	135579	54.51	ug/l	99
4) Vinyl Chloride	1.40	62	155020	50.99	ug/l	92
5) Bromomethane	1.64	94	58866	40.99	ug/l	97
6) Chloroethane	1.72	64	97223	54.71	ug/l	100
7) Trichlorofluoromethane	1.93	101	243704	47.52	ug/l	100
8) Diethyl Ether	2.19	74	92287	49.50	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	138480	46.61	ug/l	97
10) Methyl Iodide	2.51	142	142833	47.72	ug/l	98
11) Tert butyl alcohol	3.08	59	165078	223.03	ug/l	99
12) 1,1-Dichloroethene	2.37	96	127550	48.11	ug/l	96
13) Acrolein	2.30	56	56100	138.63	ug/l	100
14) Allyl chloride	2.73	41	245086	46.90	ug/l	96
15) Acrylonitrile	3.15	53	400129	253.09	ug/l	99
16) Acetone	2.45	43	355616	231.11	ug/l	97
17) Carbon Disulfide	2.57	76	329861	46.70	ug/l	98
18) Methyl Acetate	2.78	43	175545	40.80	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	465589	48.85	ug/l	100
20) Methylene Chloride	2.86	84	144730	48.33	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	136094	47.13	ug/l	96
22) Diisopropyl ether	3.88	45	501841	50.24	ug/l	98
23) Vinyl Acetate	3.83	43	1986651	234.86	ug/l	99
24) 1,1-Dichloroethane	3.70	63	261993	48.25	ug/l	99
25) 2-Butanone	4.71	43	585905	256.57	ug/l	96
26) 2,2-Dichloropropane	4.59	77	163295	36.99	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	165031	50.97	ug/l	93
28) Bromochloromethane	5.03	49	131594	50.64	ug/l	92
29) Tetrahydrofuran	5.17	42	374451	255.70	ug/l	96
30) Chloroform	5.22	83	279999	50.25	ug/l	99
31) Cyclohexane	5.58	56	325641	69.89	ug/l	92
32) 1,1,1-Trichloroethane	5.50	97	247928	50.57	ug/l	99
36) 1,1-Dichloropropene	5.81	75	196401	47.68	ug/l	98
37) Ethyl Acetate	4.87	43	208876	47.09	ug/l	99
38) Carbon Tetrachloride	5.79	117	220917	48.87	ug/l	99

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	322353	67.18	ug/l	96
40) Benzene	6.15	78	595188	49.73	ug/l	100
41) Methacrylonitrile	5.07	41	131732	51.58	ug/l	97
42) 1,2-Dichloroethane	6.20	62	228307	47.22	ug/l	98
43) Isopropyl Acetate	6.47	43	349307	46.96	ug/l	98
44) Trichloroethene	7.22	130	173641	48.66	ug/l	99
45) 1,2-Dichloropropane	7.52	63	154484	48.66	ug/l	99
46) Dibromomethane	7.66	93	108446	49.22	ug/l	96
47) Bromodichloromethane	7.90	83	205642	50.48	ug/l	98
48) Methyl methacrylate	7.78	41	196456	51.26	ug/l	97
49) 1,4-Dioxane	7.76	88	66886	896.95	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1193619	256.47	ug/l	98
52) Toluene	8.79	92	383716	50.04	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	227269	49.27	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	215447	48.54	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	159024	50.47	ug/l	96
56) Ethyl methacrylate	9.18	69	243246	52.82	ug/l	95
57) 1,3-Dichloropropane	9.38	76	260312	50.30	ug/l	100
59) 2-Hexanone	9.50	43	902522	255.16	ug/l	96
60) Dibromochloromethane	9.59	129	171698	51.77	ug/l	100
61) 1,2-Dibromoethane	9.68	107	167849	50.79	ug/l	99
64) Tetrachloroethene	9.34	164	183345	46.28	ug/l	99
65) Chlorobenzene	10.14	112	445222	49.20	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	166542	50.66	ug/l	99
67) Ethyl Benzene	10.26	91	1012389	67.72	ug/l	99
68) m/p-Xylenes	10.37	106	1141178	198.08	ug/l	98
69) o-Xylene	10.70	106	290847	51.85	ug/l	97
70) Styrene	10.71	104	476432	52.27	ug/l	99
71) Bromoform	10.86	173	136407	46.24	ug/l	98
73) Isopropylbenzene	11.02	105	1024694	67.82	ug/l	100
74) N-amyl acetate	6.47	43	349307	47.25	ug/l	# 98
75) 1,1,2,2-Tetrachloroethane	11.27	83	240774	51.73	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	266686	65.55	ug/l	80
77) Bromobenzene	11.26	156	216170	50.24	ug/l	97
78) n-propylbenzene	11.37	91	1119071	65.06	ug/l	99
79) 2-Chlorotoluene	11.43	91	641005	61.56	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	1035117	81.34	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	57973	41.93	ug/l	99
82) 4-Chlorotoluene	11.51	91	652754	52.95	ug/l	98
83) tert-Butylbenzene	11.77	119	664908	53.01	ug/l	94
84) 1,2,4-Trimethylbenzene	11.81	105	1766370	133.96	ug/l	97
85) sec-Butylbenzene	11.95	105	775027	50.94	ug/l	99
86) p-Isopropyltoluene	12.07	119	701409	51.27	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	391698	49.84	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	397339	49.13	ug/l	99
89) n-Butylbenzene	12.39	91	586573	49.27	ug/l	98
90) Hexachloroethane	12.60	117	103878	51.05	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	397933	50.17	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	54110	51.71	ug/l	94
93) 1,2,4-Trichlorobenzene	13.65	180	288015	49.89	ug/l	99

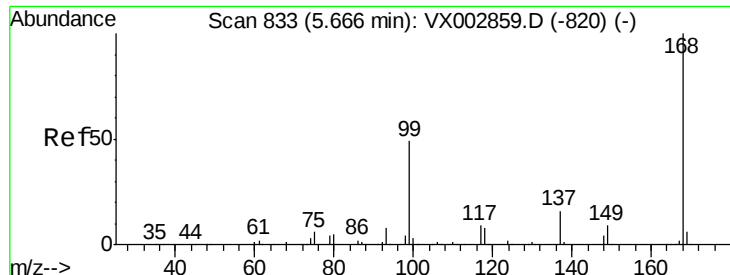
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Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	137279	47.68	ug/l	99
95) Naphthalene	13.84	128	987634	64.23	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	297553	51.60	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

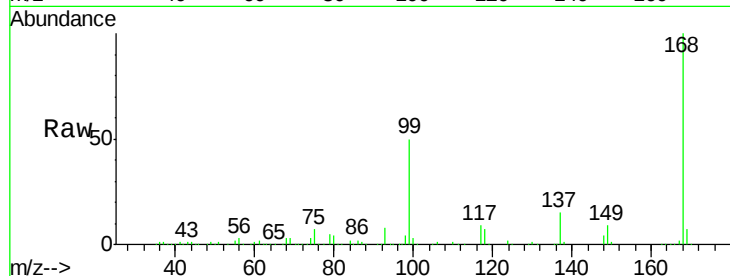
S22-0037MS

Tot Ion:168 Resp: 268816

Ion Ratio Lower Upper

168 100

99 49.4 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

100000

80000

60000

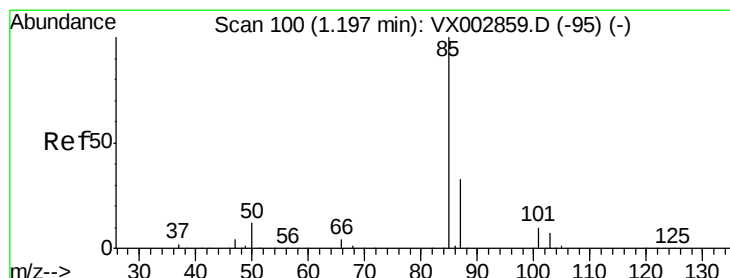
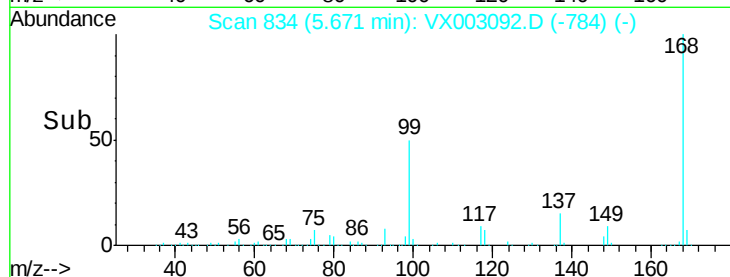
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 58.69 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003092.D

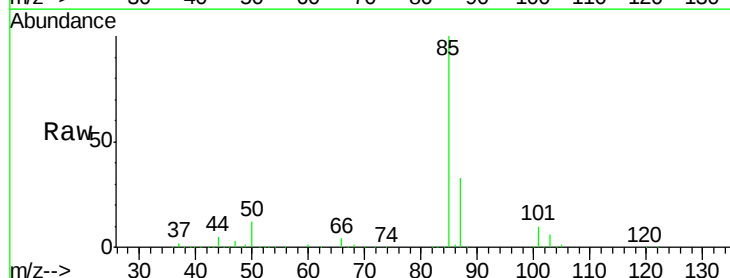
Acq: 30 Jun 2018 21:09

Tgt Ion: 85 Resp: 140731

Ion Ratio Lower Upper

85 100

87 32.5 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

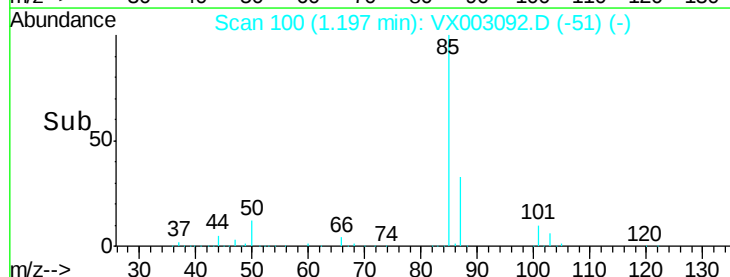
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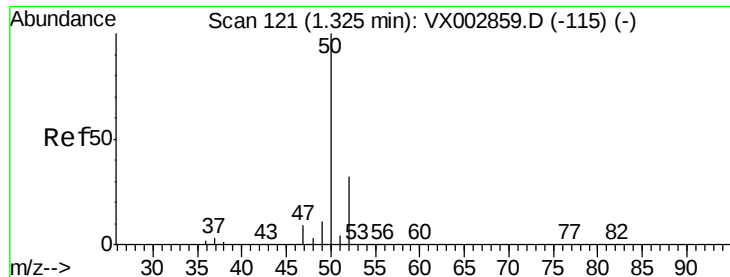
50000

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Time-->

1.15 1.20 1.25 1.30

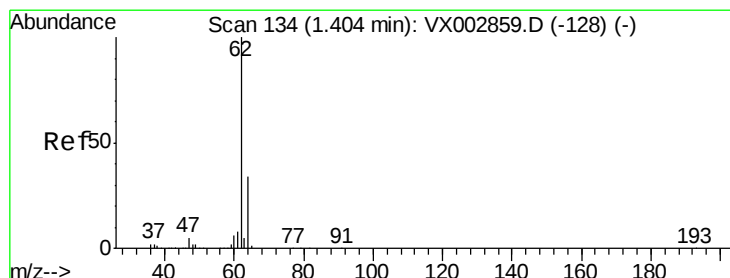
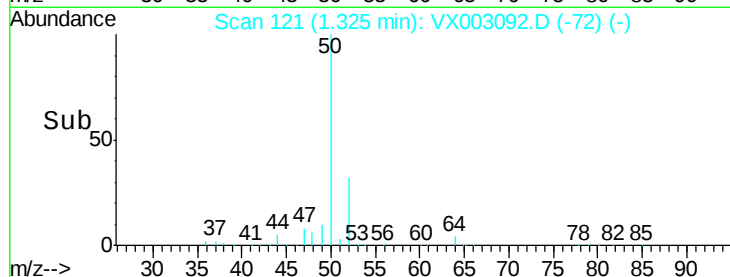
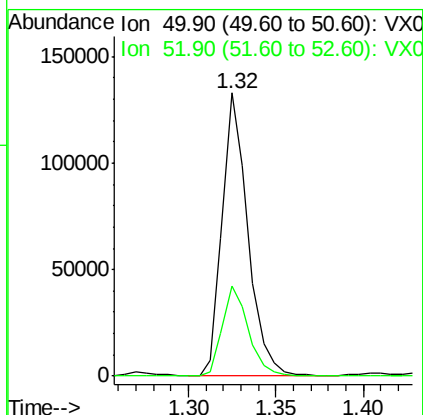
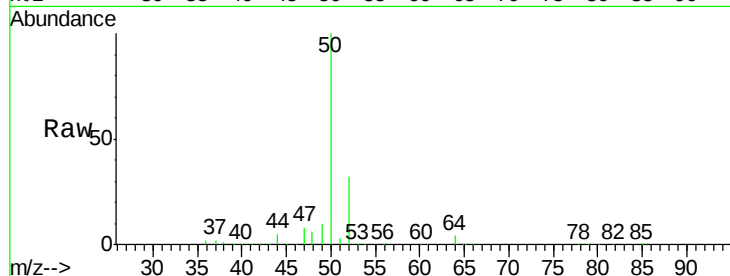




#3
Chloromethane
Concen: 54.51 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

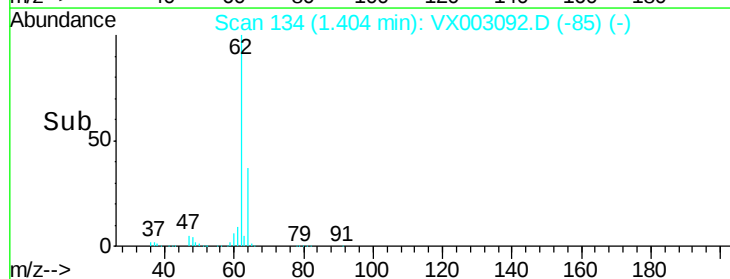
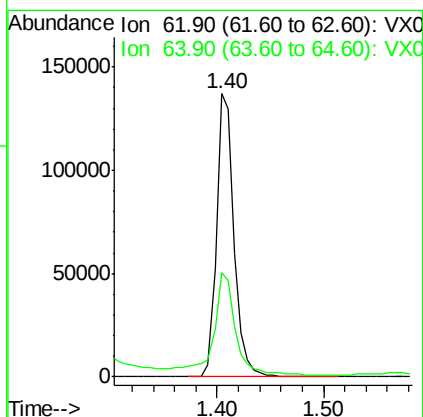
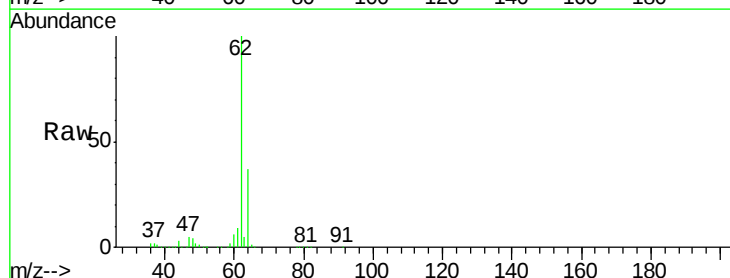
Instrument :
MSVOA_X
ClientSampled :
S22-0037MS

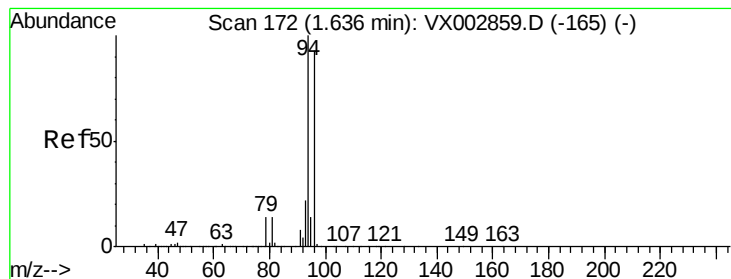
Tot Ion: 50 Resp: 135579
Ion Ratio Lower Upper
50 100
52 31.7 25.7 38.5



#4
Vinyl Chloride
Concen: 50.99 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Tgt Ion: 62 Resp: 155020
Ion Ratio Lower Upper
62 100
64 36.1 25.4 38.2





#5

Bromomethane

Concen: 40.99 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

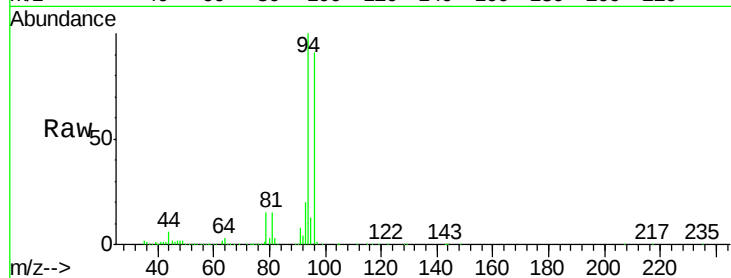
S22-0037MS

Tot Ion: 94 Resp: 58866

Ion Ratio Lower Upper

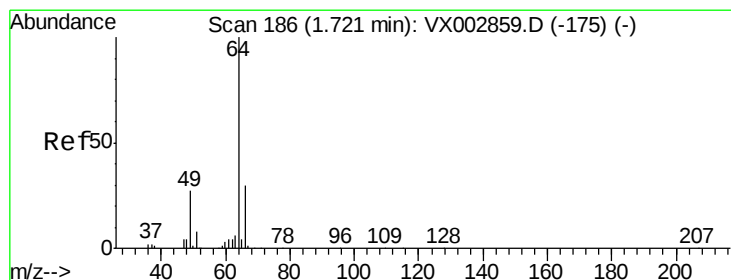
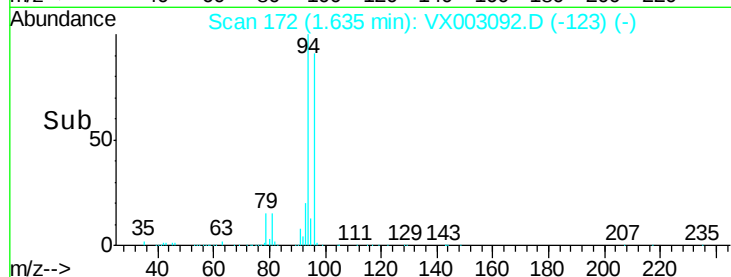
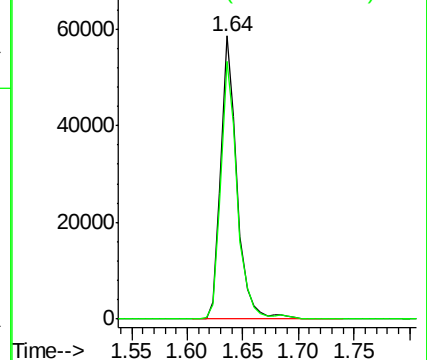
94 100

96 91.1 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: 54.71 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX003092.D

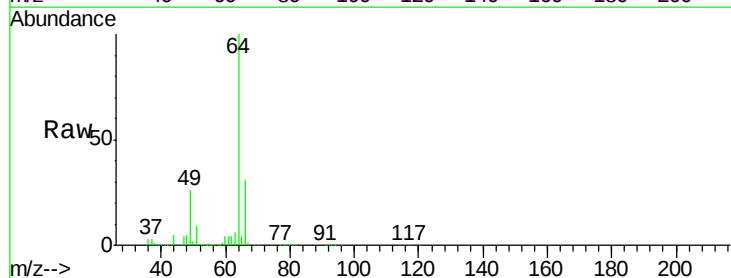
Acq: 30 Jun 2018 21:09

Tgt Ion: 64 Resp: 97223

Ion Ratio Lower Upper

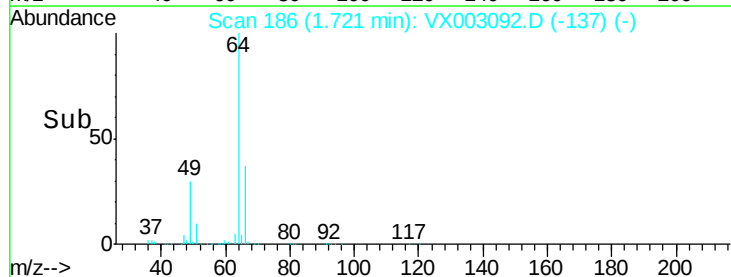
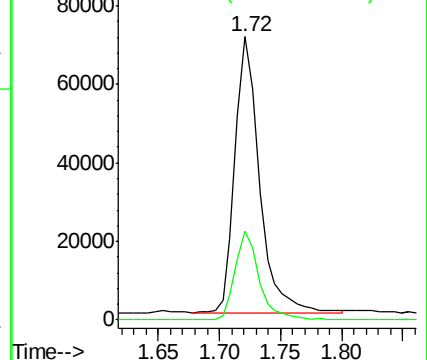
64 100

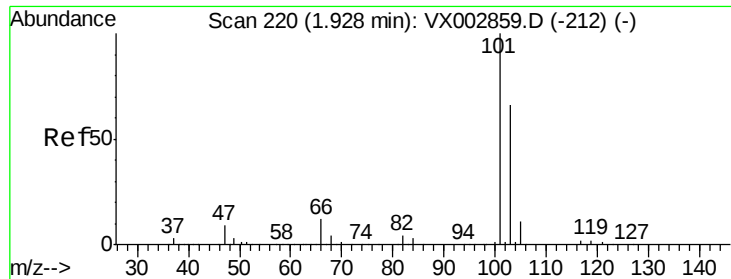
66 32.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



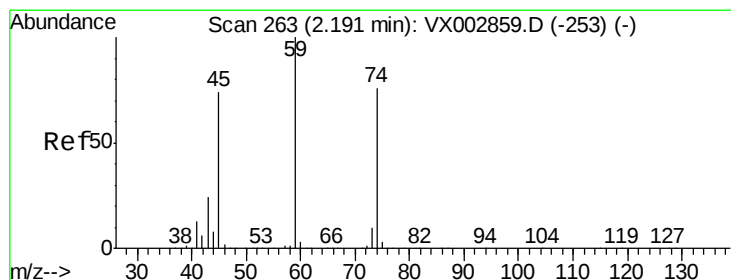
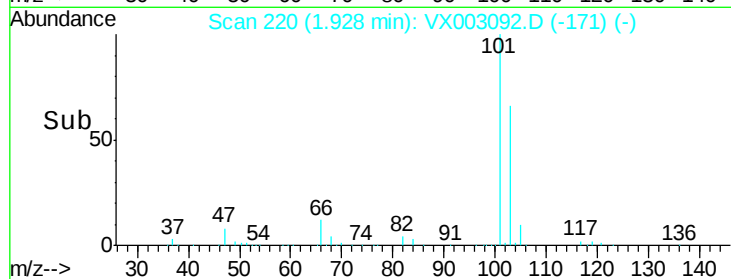
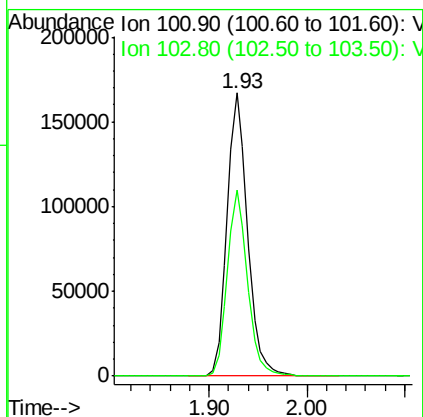
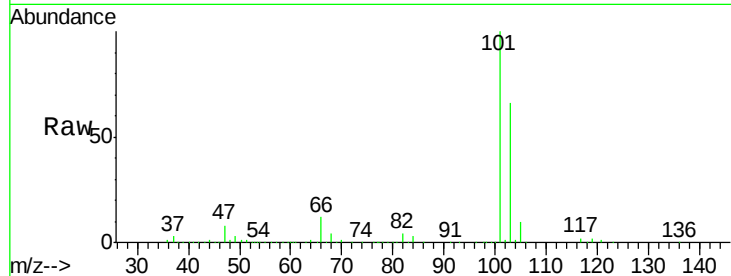


#7

Trichlorofluoromethane
 Concen: 47.52 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX003092.D
 Acq: 30 Jun 2018 21:09

Instrument :
 MSVOA_X
 ClientSampleId :
 S22-0037MS

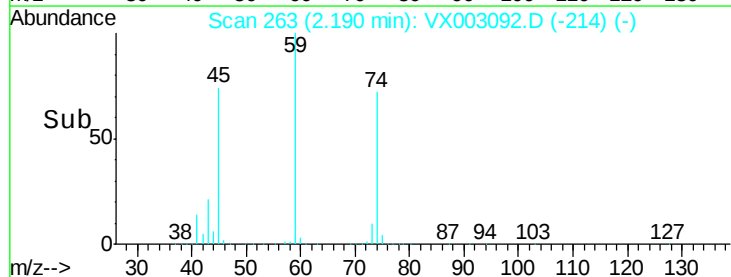
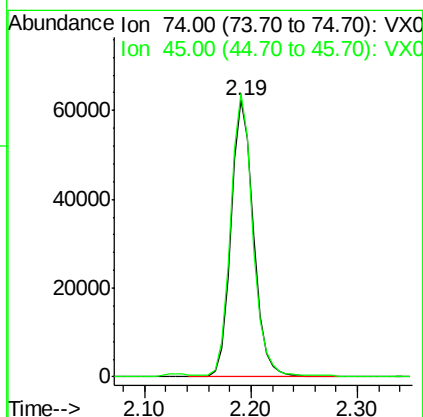
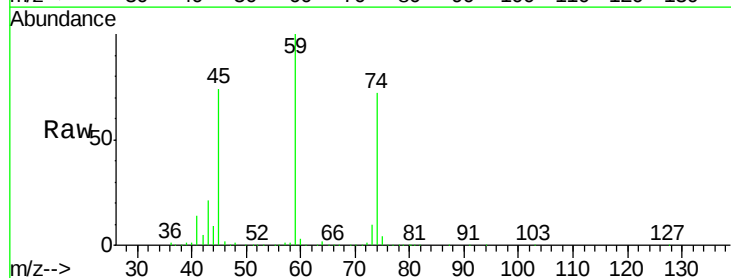
Tot Ion:101 Resp: 243704
 Ion Ratio Lower Upper
 101 100
 103 65.7 52.8 79.2



#8

Diethyl Ether
 Concen: 49.50 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX003092.D
 Acq: 30 Jun 2018 21:09

Tgt Ion: 74 Resp: 92287
 Ion Ratio Lower Upper
 74 100
 45 100.0 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.61 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

S22-0037MS

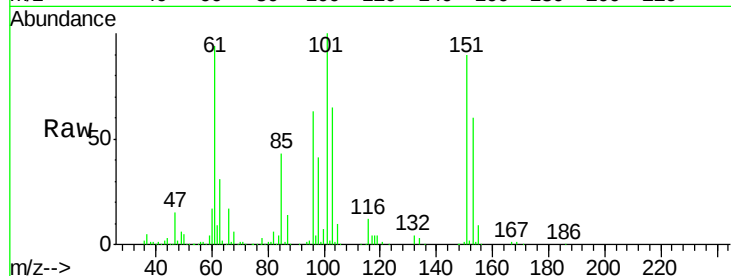
Tot Ion:101 Resp: 138480

Ion Ratio Lower Upper

101 100

85 43.2 36.0 54.0

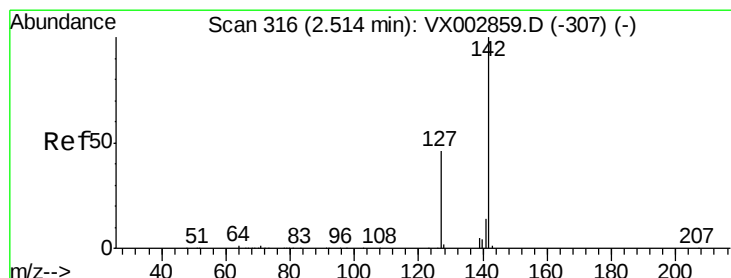
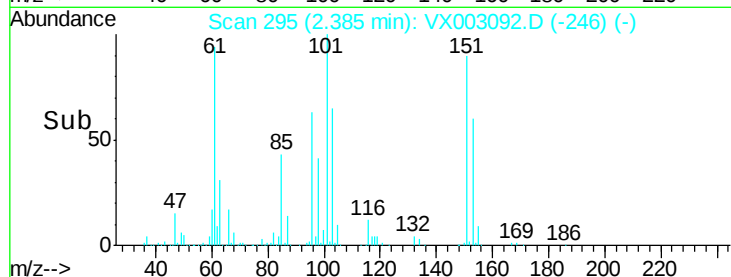
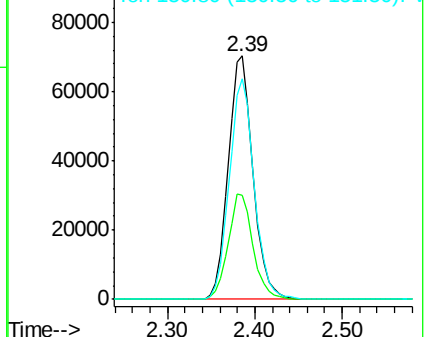
151 91.1 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.72 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

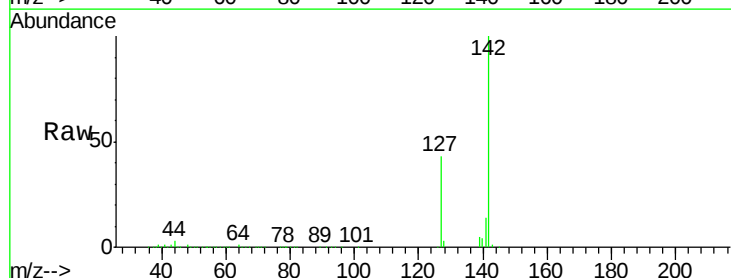
Tgt Ion:142 Resp: 142833

Ion Ratio Lower Upper

142 100

127 43.9 36.6 55.0

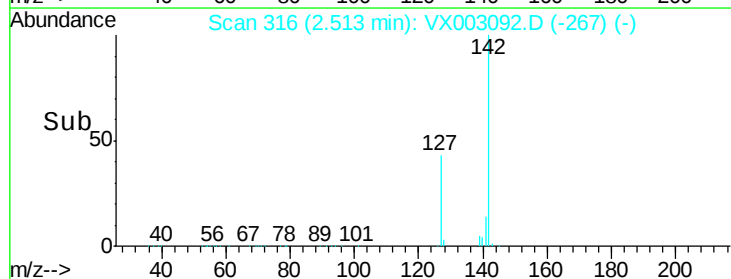
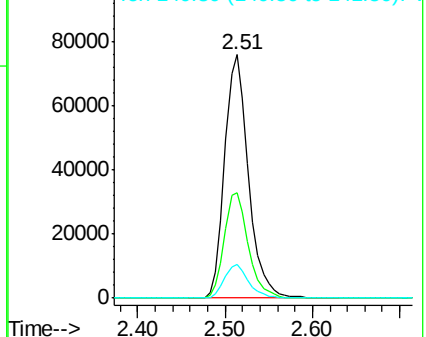
141 14.0 11.3 16.9

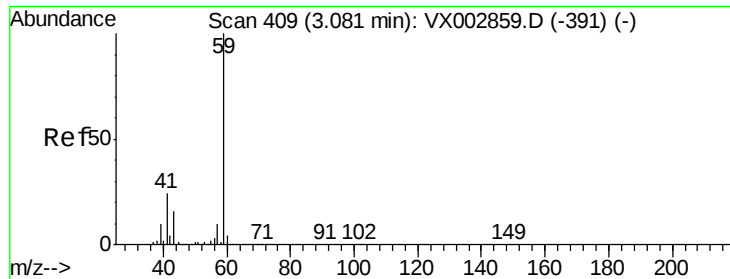


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



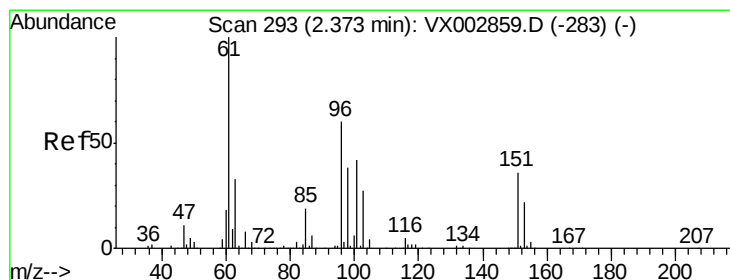
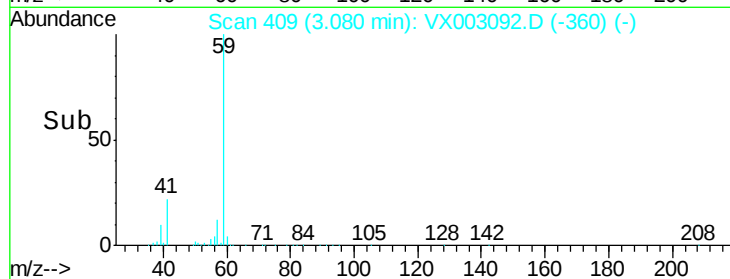
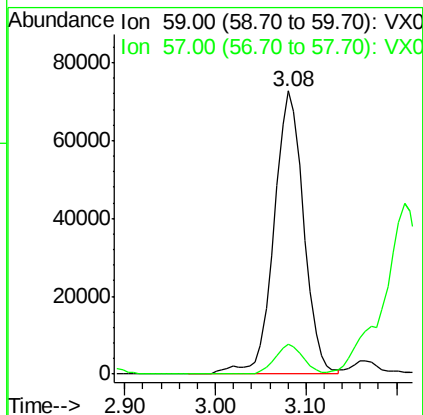
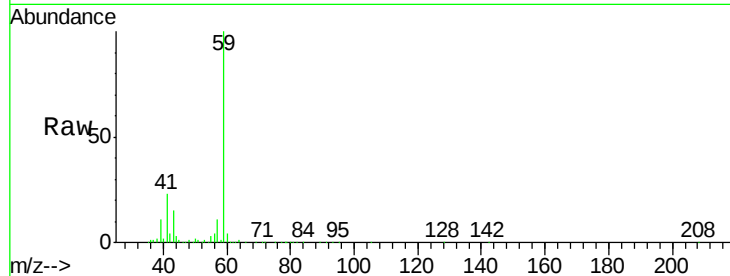


#11

Tert butyl alcohol
 Concen: 223.03 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: VX003092.D
 Acq: 30 Jun 2018 21:09

Instrument :
 MSVOA_X
 ClientSampleId :
 S22-0037MS

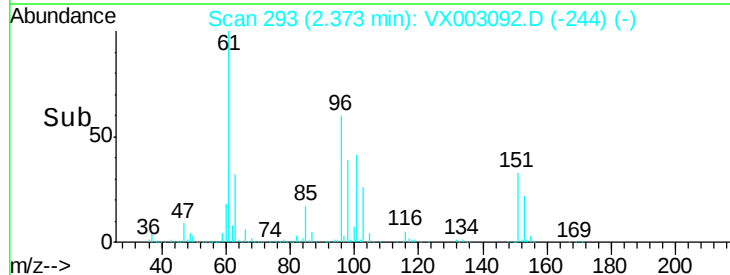
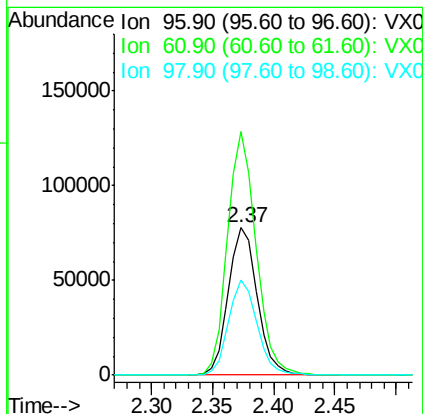
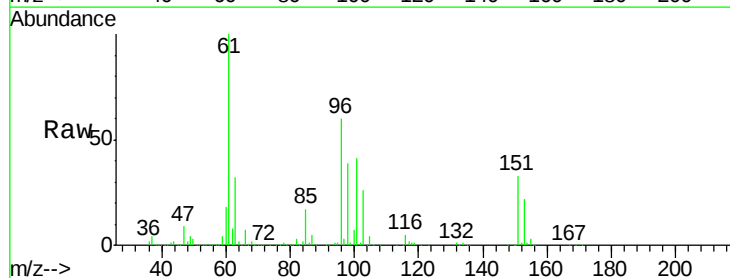
Tot Ion: 59 Resp: 165078
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.2 12.2



#12

1,1-Dichloroethene
 Concen: 48.11 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX003092.D
 Acq: 30 Jun 2018 21:09

Tgt Ion: 96 Resp: 127550
 Ion Ratio Lower Upper
 96 100
 61 165.4 137.9 206.9
 98 64.8 51.6 77.4





#13

Acrolein

Concen: 138.63 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

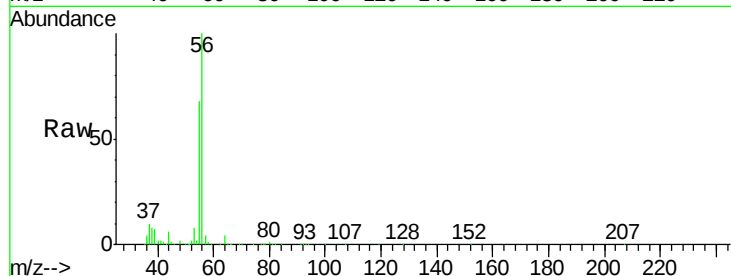
S22-0037MS

Tot Ion: 56 Resp: 56100

Ion Ratio Lower Upper

56 100

55 70.9 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

40000

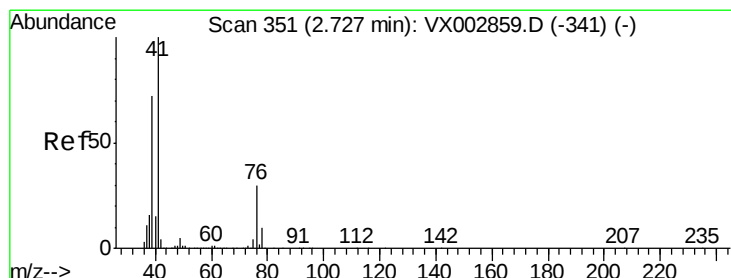
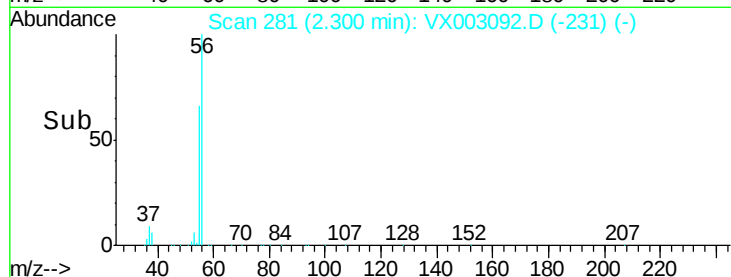
30000

20000

10000

0

Time--> 2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 46.90 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

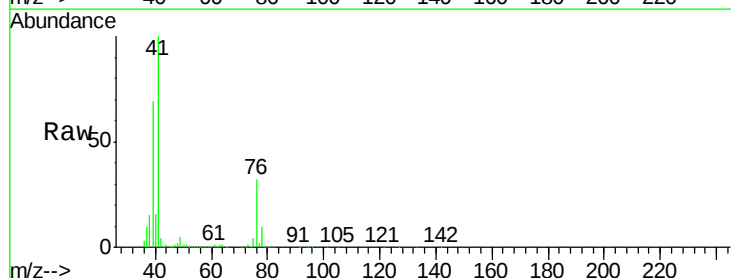
Tgt Ion: 41 Resp: 245086

Ion Ratio Lower Upper

41 100

39 67.3 56.8 85.2

76 30.6 23.8 35.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

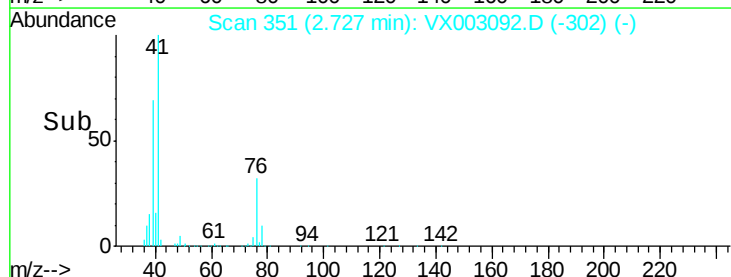
150000

100000

50000

0

Time--> 2.65 2.70 2.75 2.80 2.85





#15

Acrylonitrile

Concen: 253.09 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

ClientSampled :

S22-0037MS

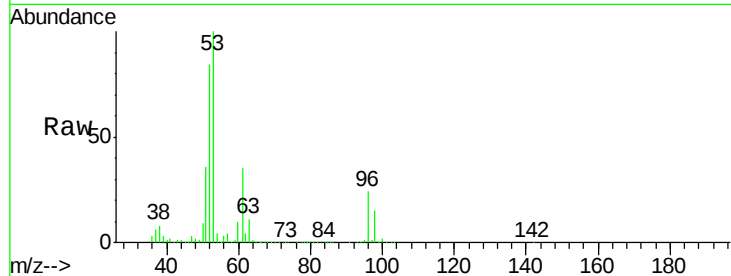
Tot Ion: 53 Resp: 400129

Ion Ratio Lower Upper

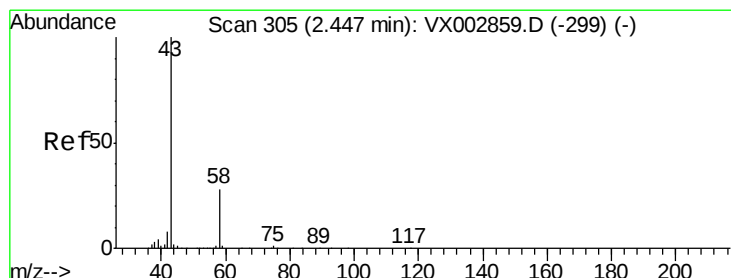
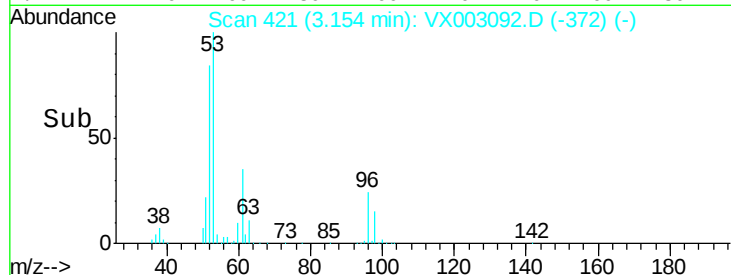
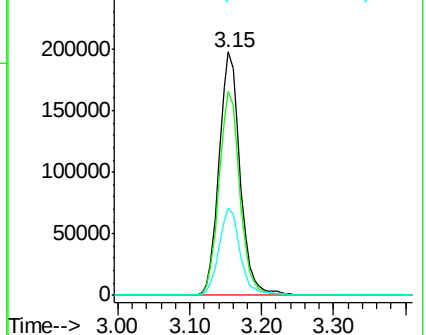
53 100

52 83.1 66.7 100.1

51 36.3 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 231.11 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003092.D

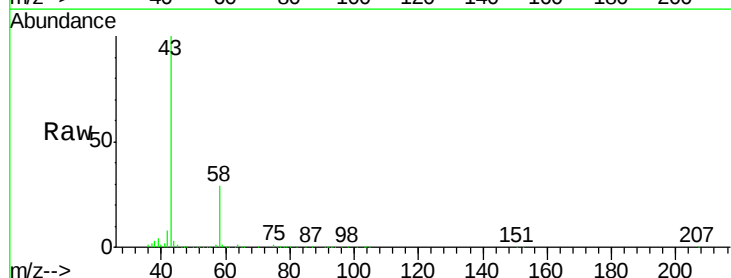
Acq: 30 Jun 2018 21:09

Tgt Ion: 43 Resp: 355616

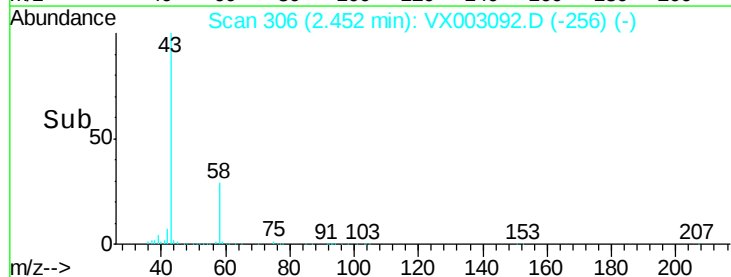
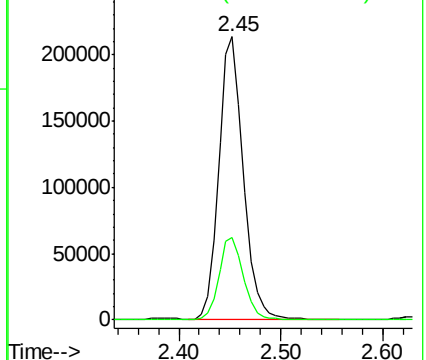
Ion Ratio Lower Upper

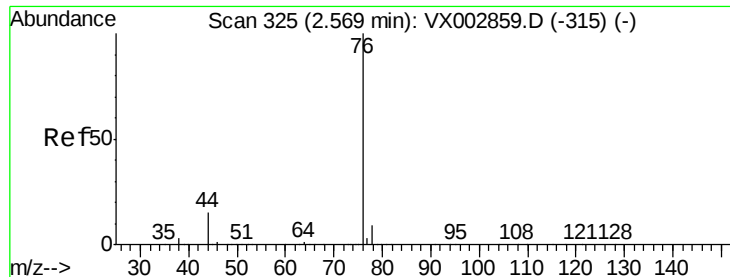
43 100

58 29.0 22.1 33.1



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

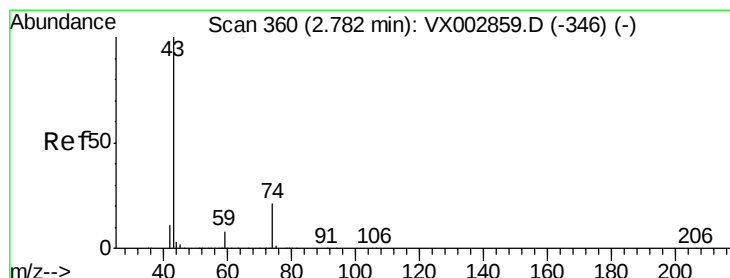
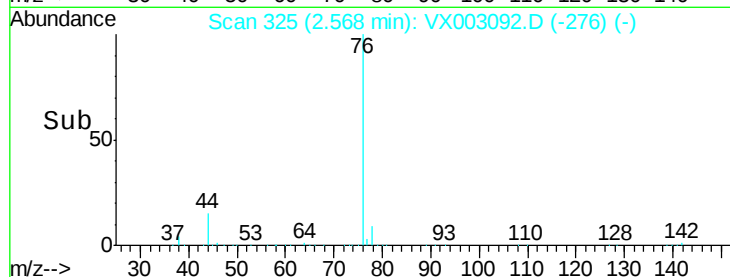
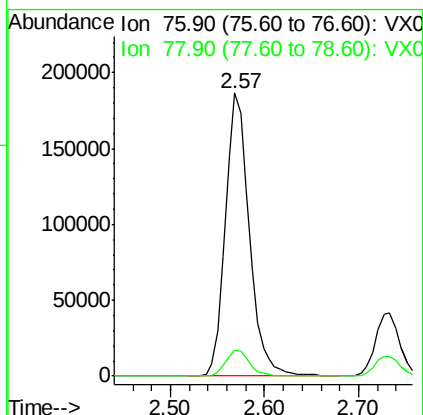
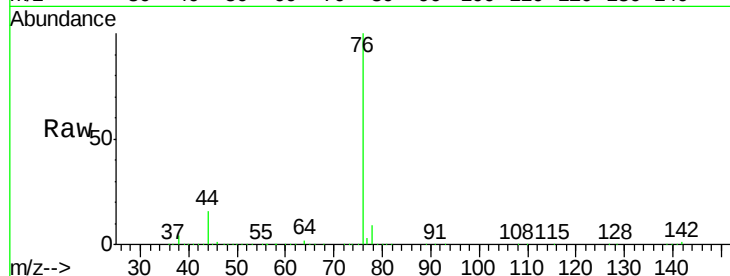




#17
Carbon Disulfide
Concen: 46.70 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

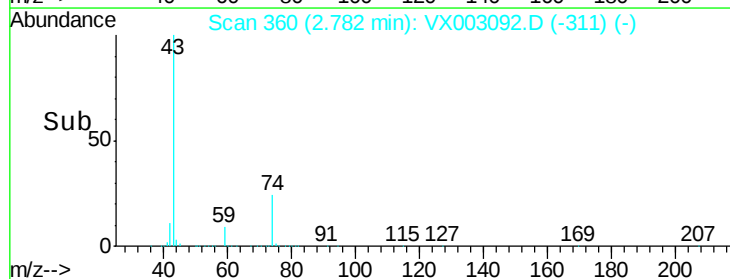
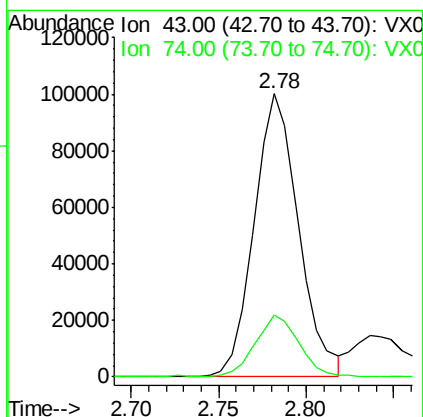
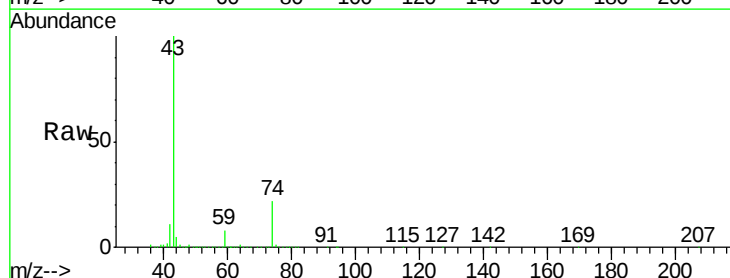
Instrument :
MSVOA_X
ClientSampleId :
S22-0037MS

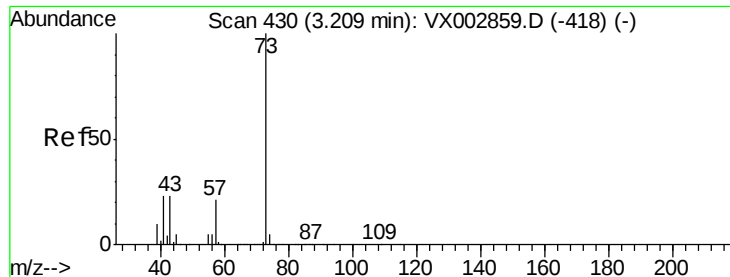
Tot Ion: 76 Resp: 329861
Ion Ratio Lower Upper
76 100
78 9.2 6.9 10.3



#18
Methyl Acetate
Concen: 40.80 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Tgt Ion: 43 Resp: 175545
Ion Ratio Lower Upper
43 100
74 21.7 16.7 25.1

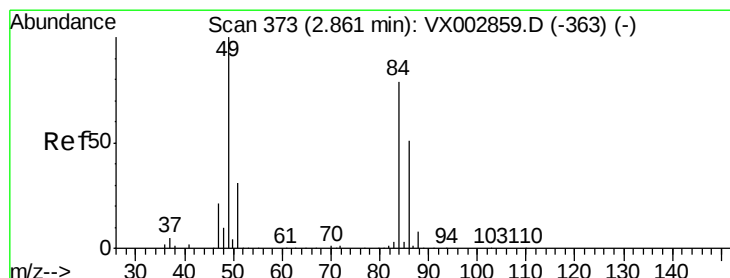
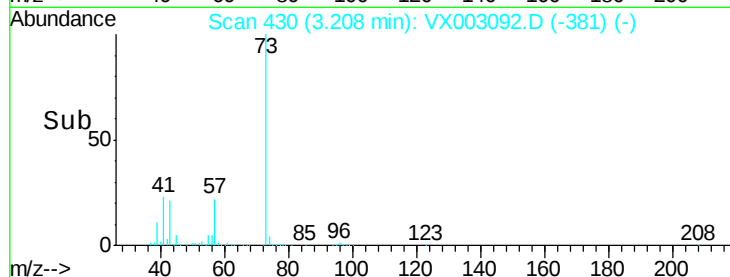
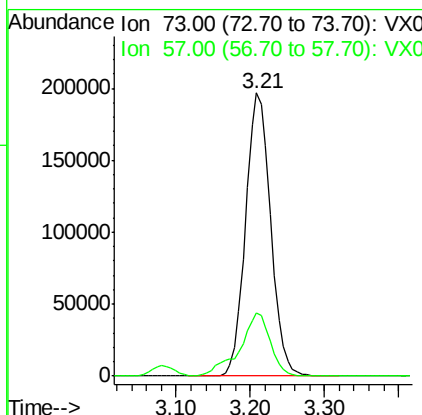
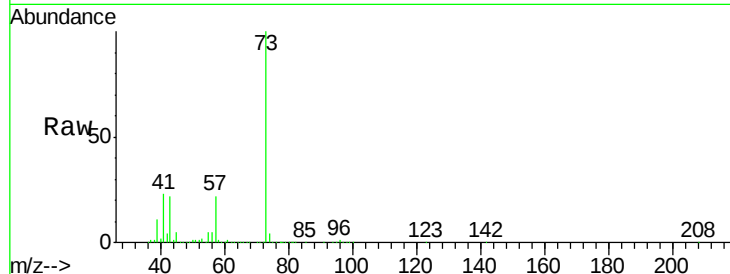




#19
Methyl tert-butyl Ether
Concen: 48.85 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

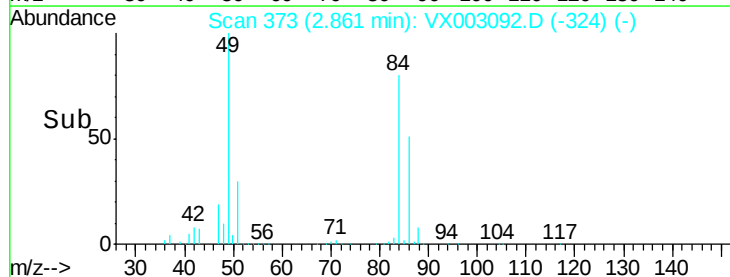
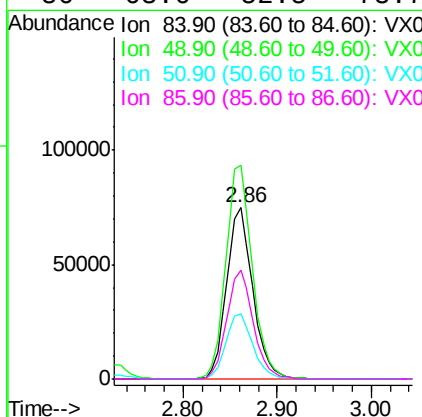
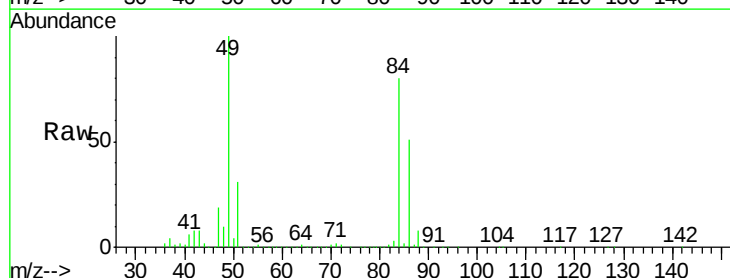
Instrument :
MSVOA_X
ClientSampled :
S22-0037MS

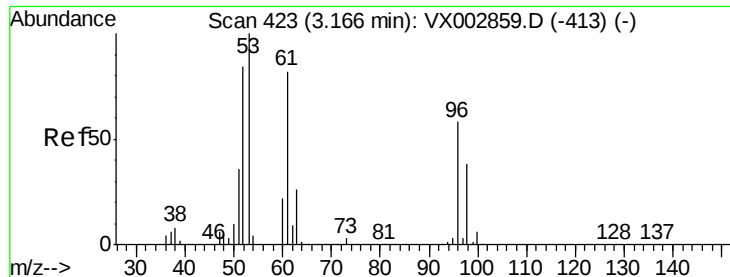
Tot Ion: 73 Resp: 465589
Ion Ratio Lower Upper
73 100
57 22.2 17.7 26.5



#20
Methylene Chloride
Concen: 48.33 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Tgt Ion: 84 Resp: 144730
Ion Ratio Lower Upper
84 100
49 124.9 107.8 161.6
51 38.1 32.8 49.2
86 63.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 47.13 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

ClientSampled :

S22-0037MS

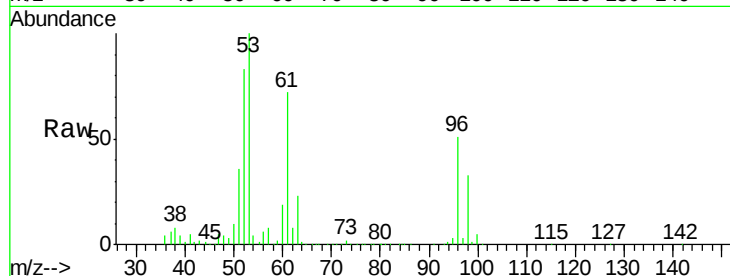
Tot Ion: 96 Resp: 136094

Ion Ratio Lower Upper

96 100

61 140.2 117.0 175.4

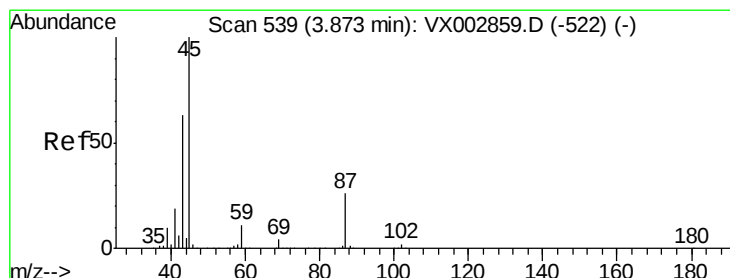
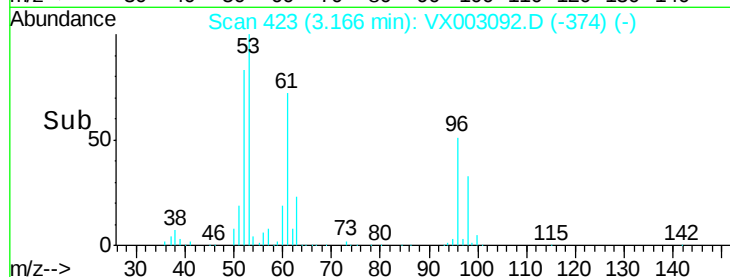
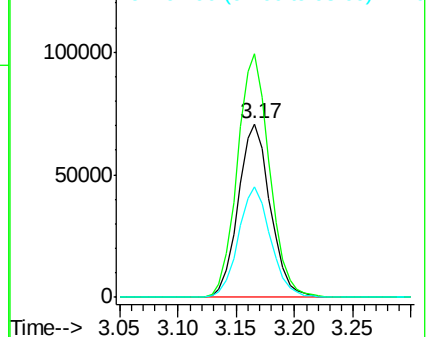
98 63.8 52.4 78.6



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: 50.24 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Tgt Ion: 45 Resp: 501841

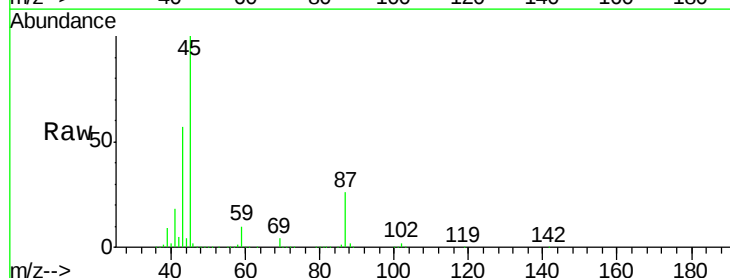
Ion Ratio Lower Upper

45 100

43 56.6 46.8 70.2

87 26.3 20.2 30.4

59 10.4 8.7 13.1

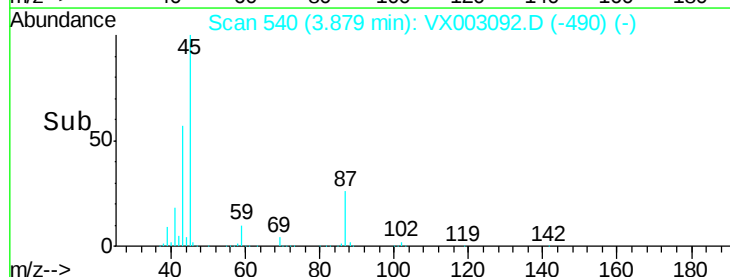
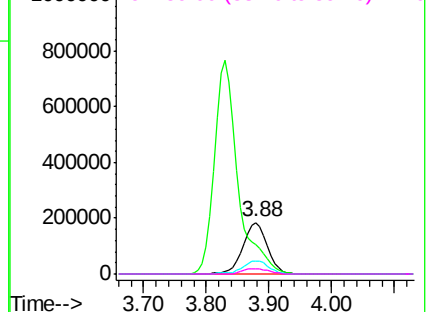


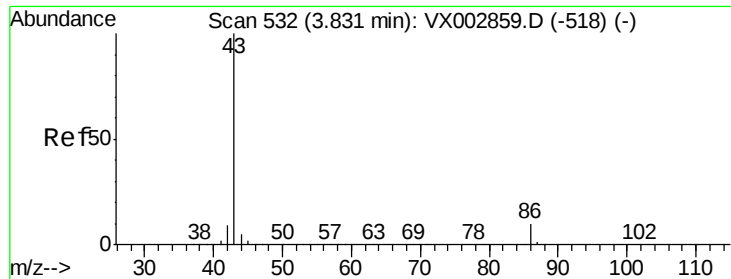
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 234.86 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

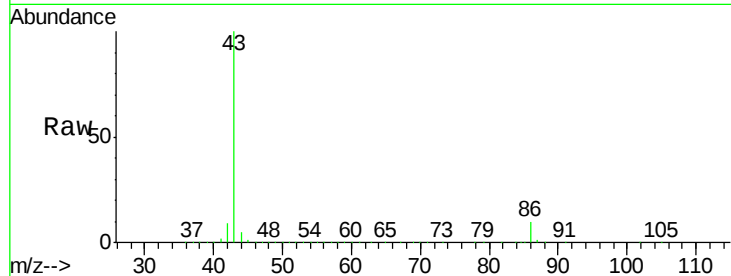
S22-0037MS

Tot Ion: 43 Resp: 1986651

Ion Ratio Lower Upper

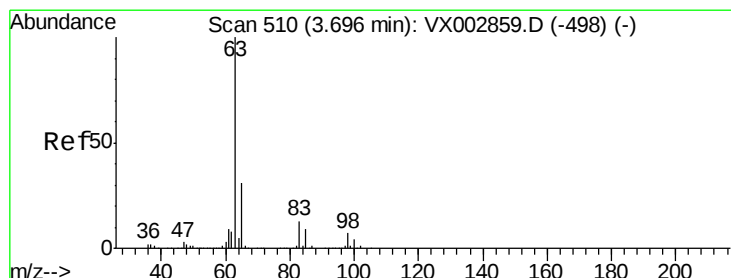
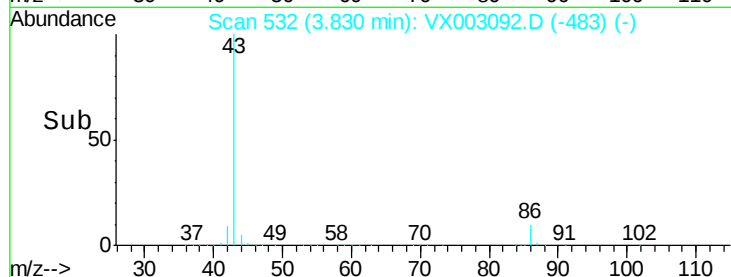
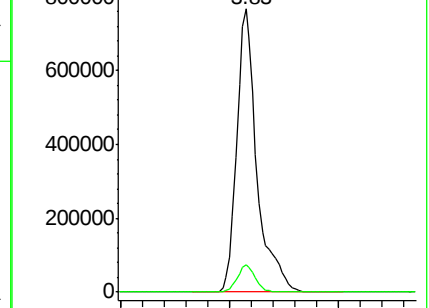
43 100

86 9.7 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: 48.25 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

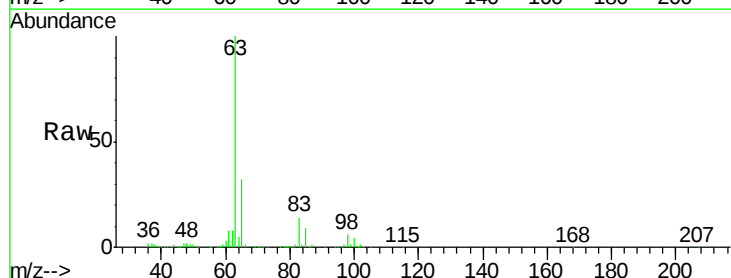
Tgt Ion: 63 Resp: 261993

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

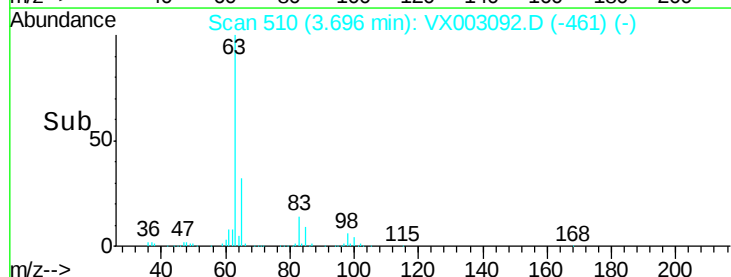
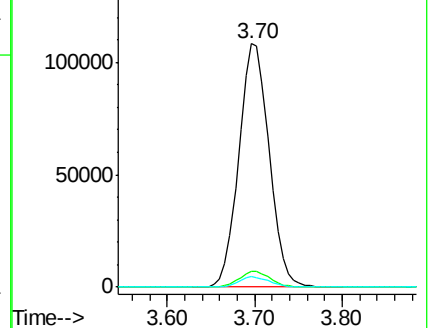
100 4.4 2.0 6.0

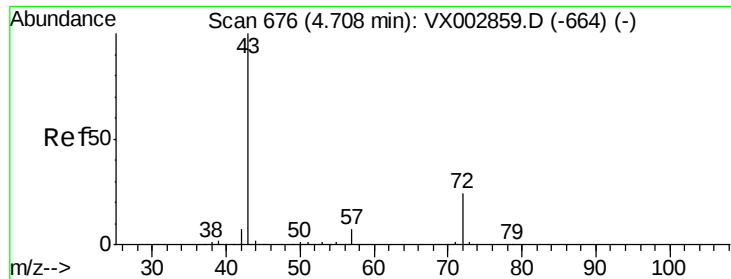


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 256.57 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

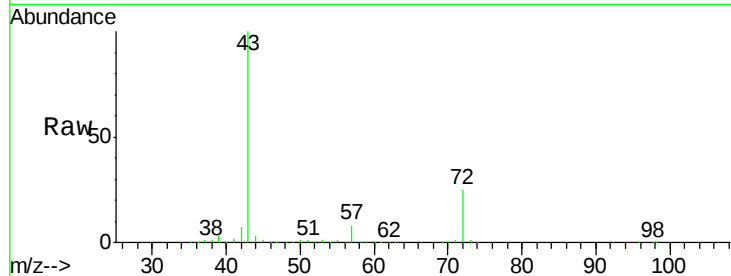
S22-0037MS

Tot Ion: 43 Resp: 585905

Ion Ratio Lower Upper

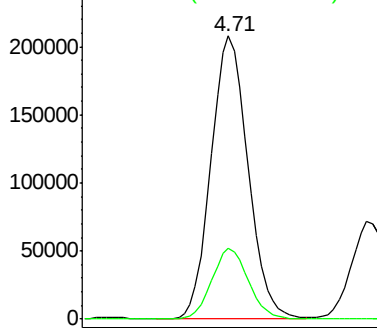
43 100

72 25.0 18.5 27.7

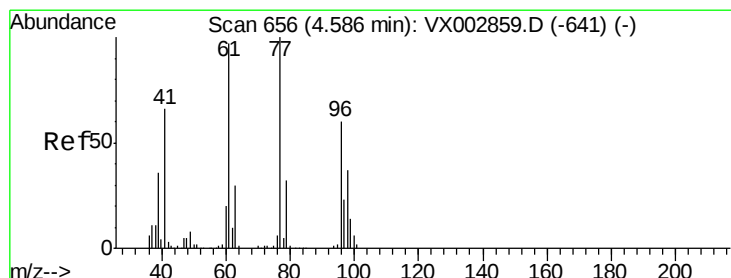
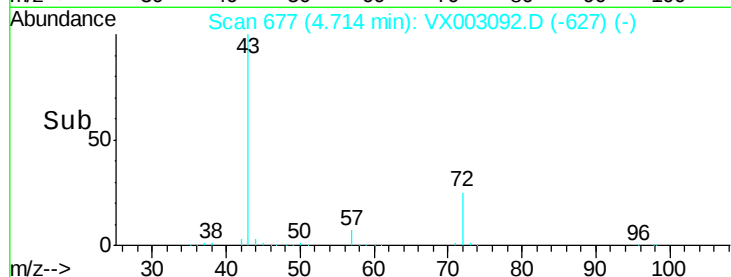


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#26

2,2-Dichloropropane

Concen: 36.99 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003092.D

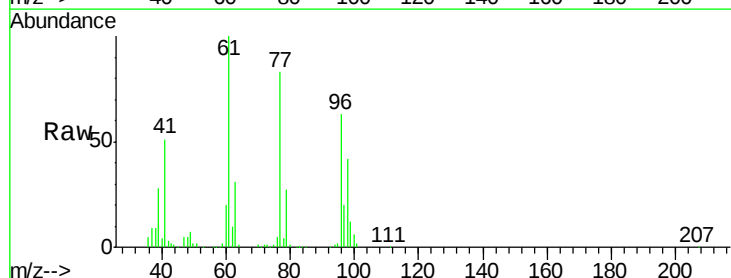
Acq: 30 Jun 2018 21:09

Tgt Ion: 77 Resp: 163295

Ion Ratio Lower Upper

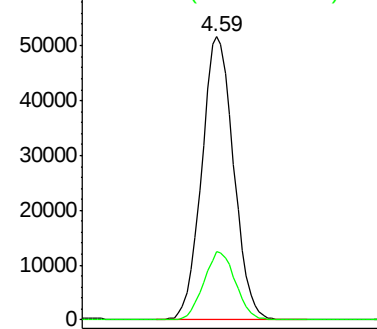
77 100

97 24.0 11.2 33.5

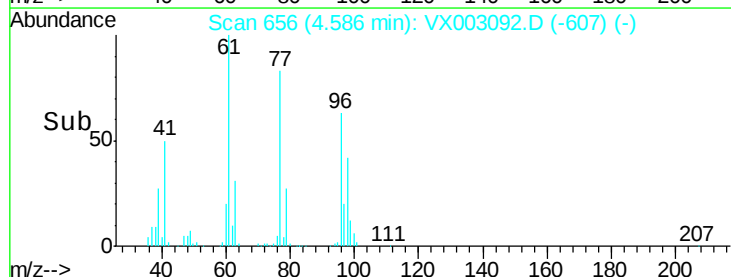


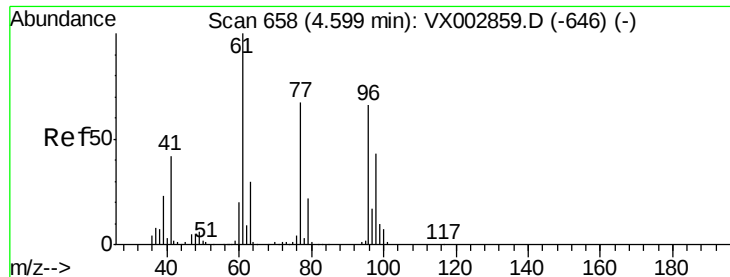
Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



Time-->





#27

cis-1,2-Dichloroethene

Concen: 50.97 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

ClientSampled :

S22-0037MS

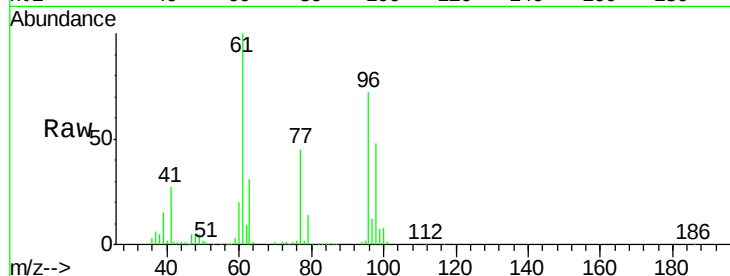
Tot Ion: 96 Resp: 165031

Ion Ratio Lower Upper

96 100

61 151.3 0.0 330.2

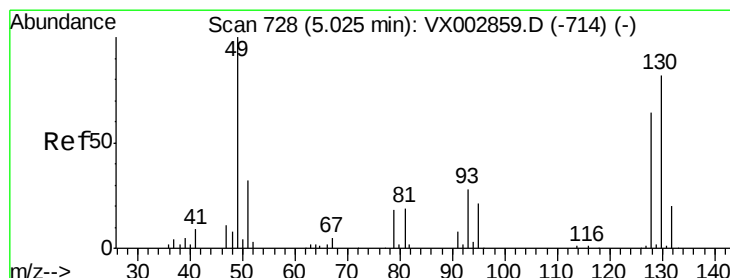
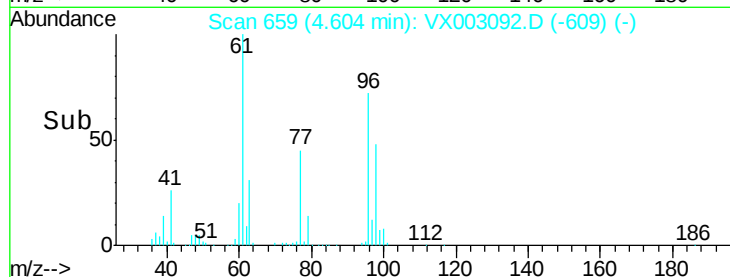
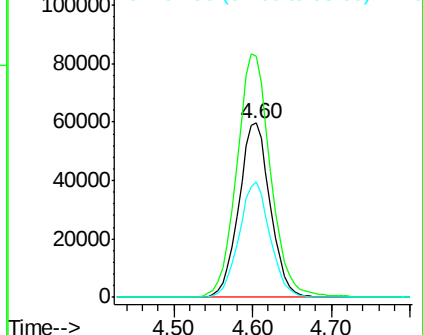
98 65.5 0.0 130.2



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: 50.64 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

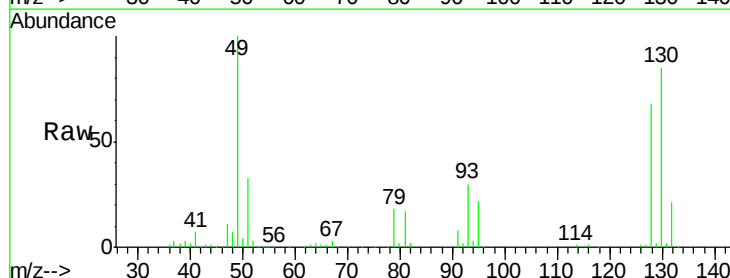
Tgt Ion: 49 Resp: 131594

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

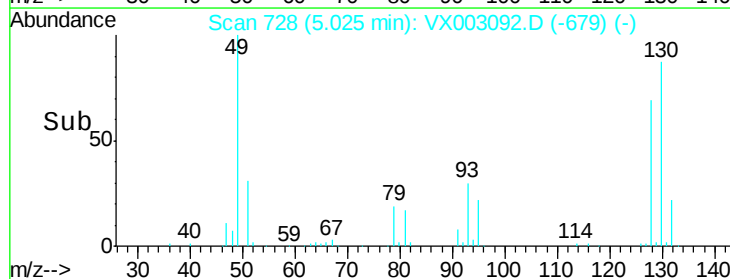
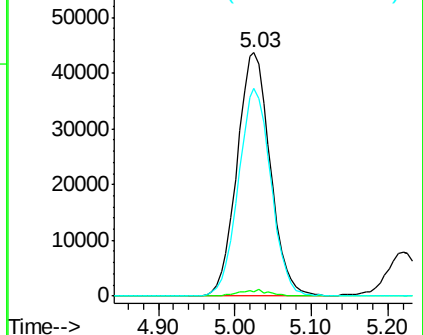
130 83.8 61.2 91.8

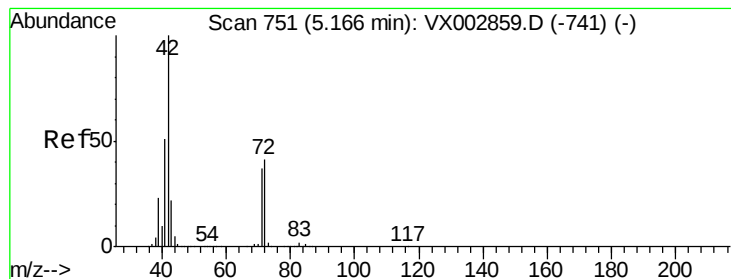


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 255.70 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

S22-0037MS

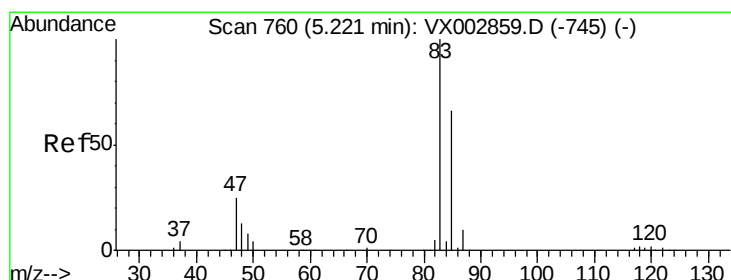
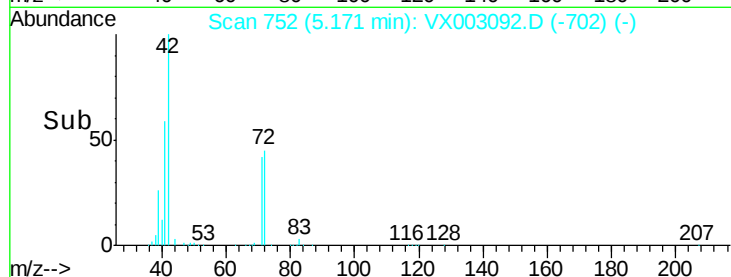
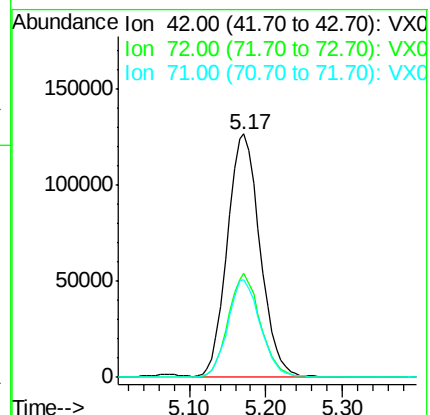
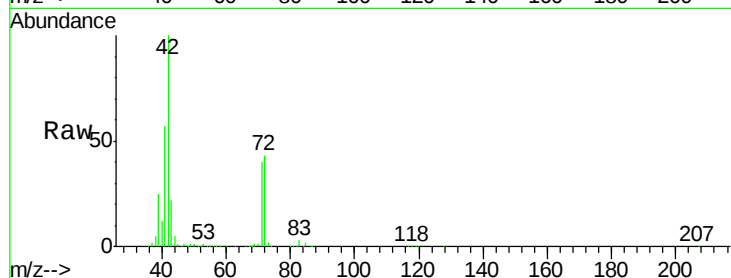
Tot Ion: 42 Resp: 374451

Ion Ratio Lower Upper

42 100

72 42.2 32.0 48.0

71 40.0 30.1 45.1



#30

Chloroform

Concen: 50.25 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX003092.D

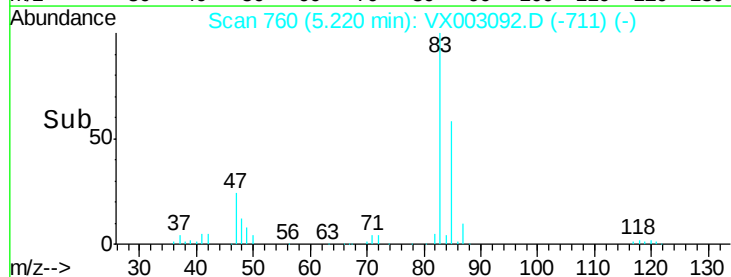
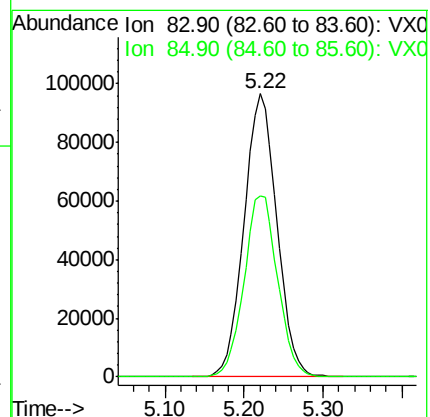
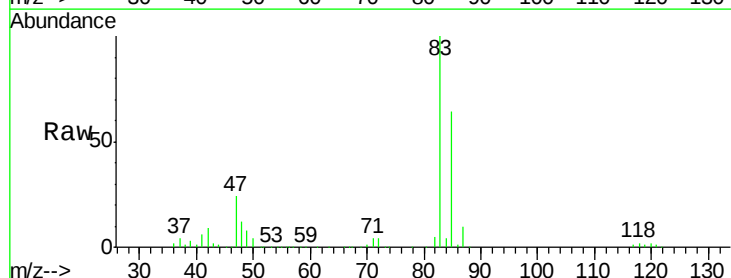
Acq: 30 Jun 2018 21:09

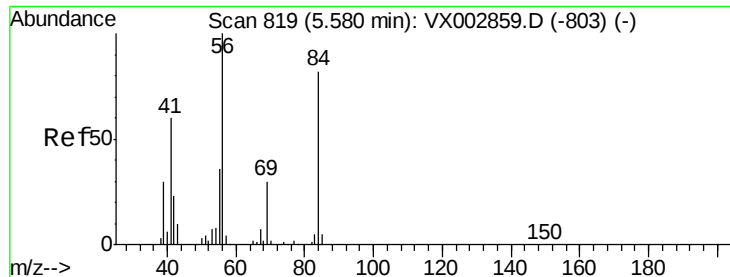
Tgt Ion: 83 Resp: 279999

Ion Ratio Lower Upper

83 100

85 63.8 50.4 75.6





#31

Cyclohexane

Concen: 69.89 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

S22-0037MS

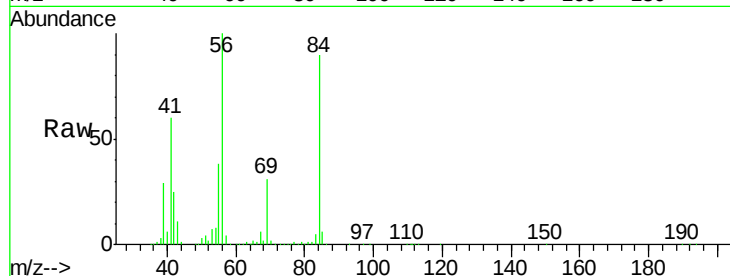
Tot Ion: 56 Resp: 325641

Ion Ratio Lower Upper

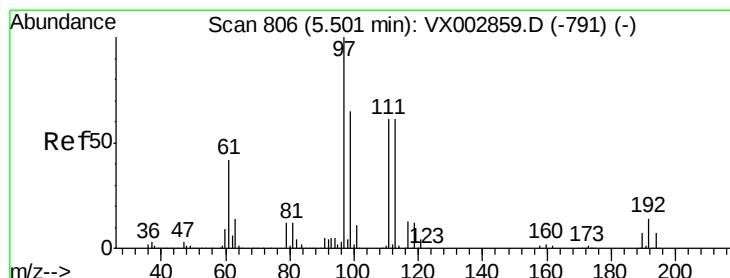
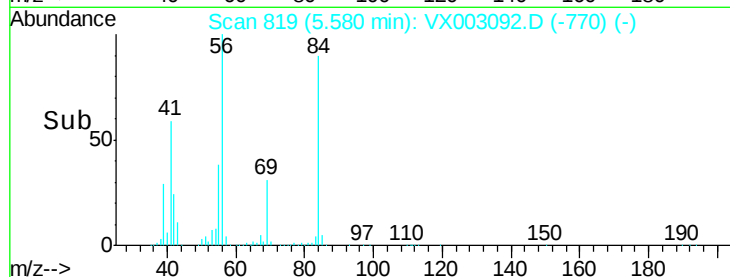
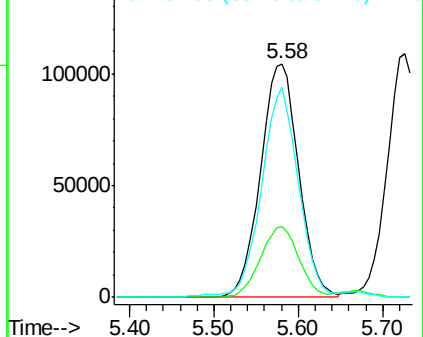
56 100

69 30.4 23.7 35.5

84 89.7 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: 50.57 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

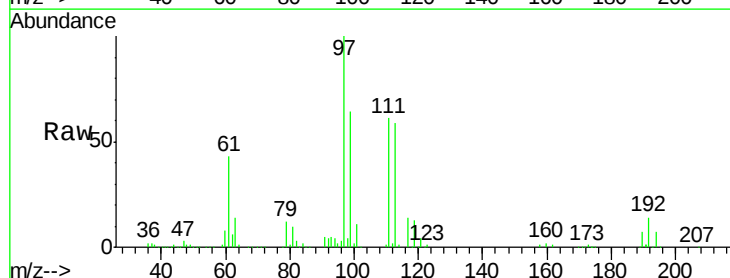
Tgt Ion: 97 Resp: 247928

Ion Ratio Lower Upper

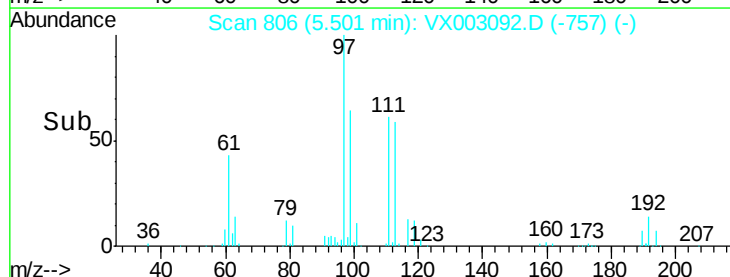
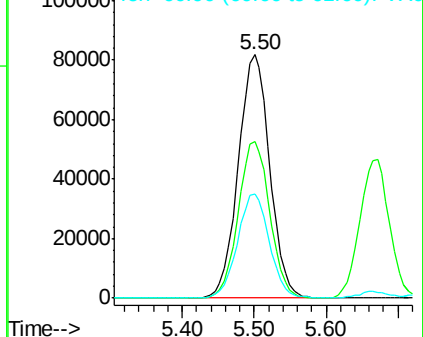
97 100

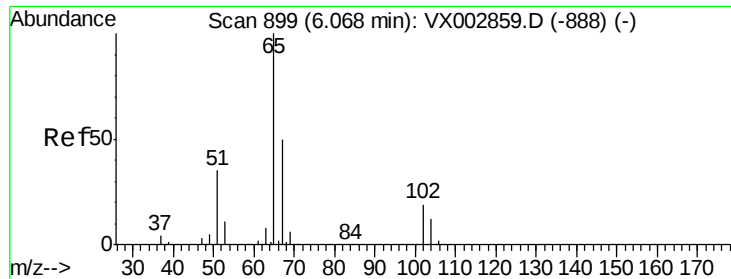
99 64.4 51.6 77.4

61 43.3 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: 48.83 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

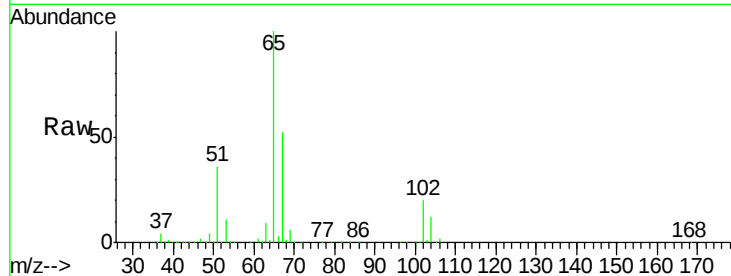
S22-0037MS

Tot Ion: 65 Resp: 181439

Ion Ratio Lower Upper

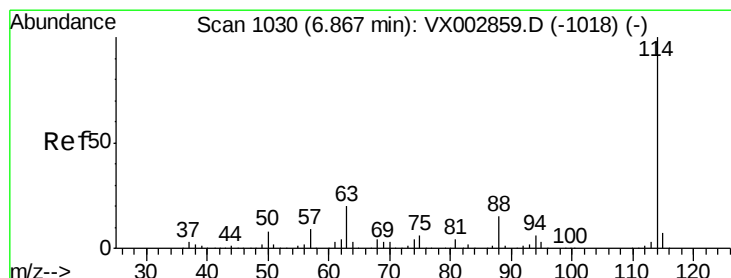
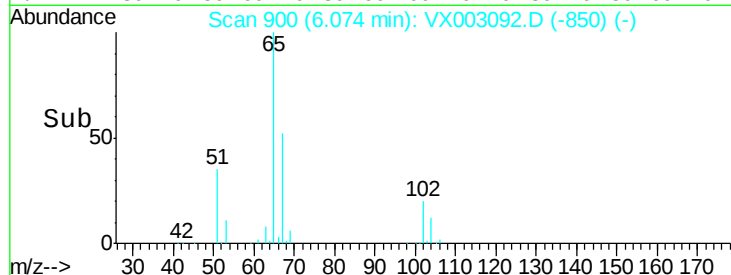
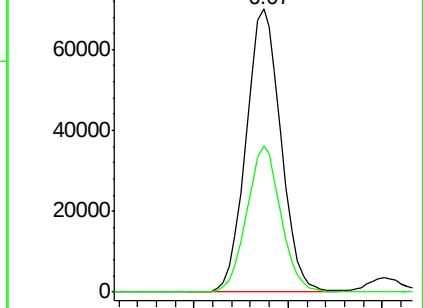
65 100

67 50.8 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX003092.D (-850) (-)

Ion 66.90 (66.60 to 67.60): VX003092.D (-850) (-)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

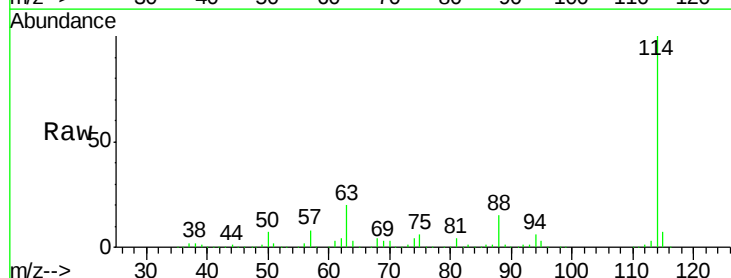
Tgt Ion: 114 Resp: 375641

Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.4

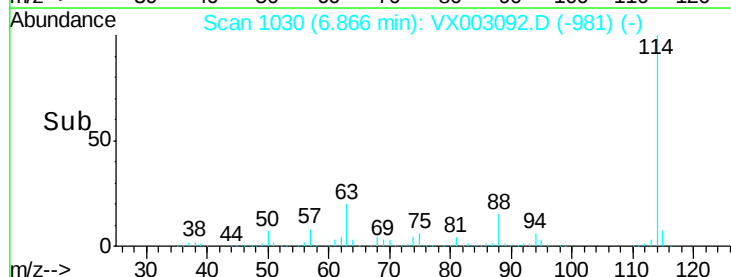
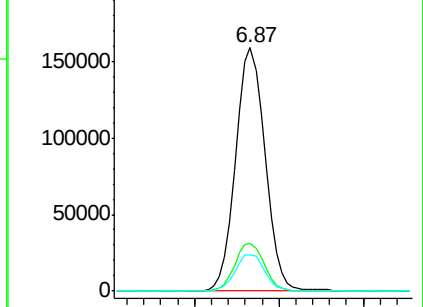
88 15.1 0.0 30.0

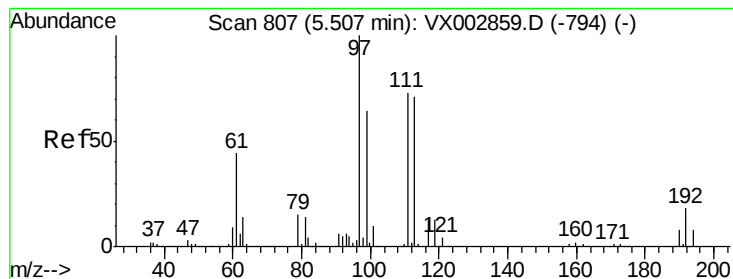


Abundance Ion 113.90 (113.60 to 114.60): VX003092.D (-981) (-)

Ion 63.00 (62.70 to 63.70): VX003092.D (-981) (-)

Ion 87.90 (87.60 to 88.60): VX003092.D (-981) (-)





#35

Dibromofluoromethane

Concen: 50.24 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

ClientSampled :

S22-0037MS

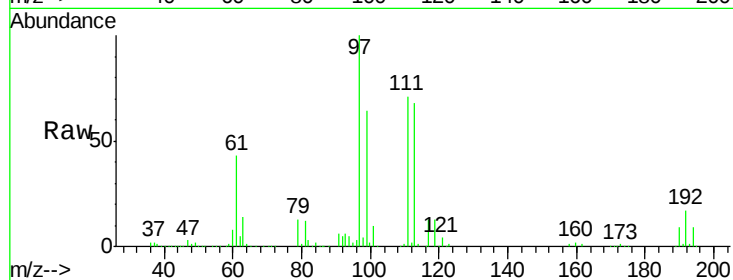
Tot Ion:113 Resp: 149448

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

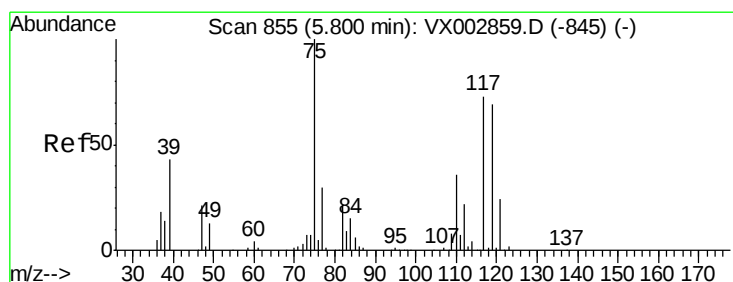
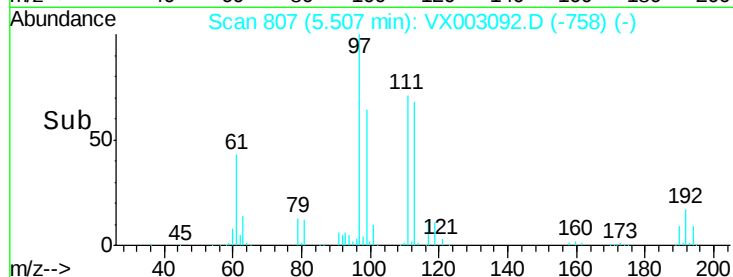
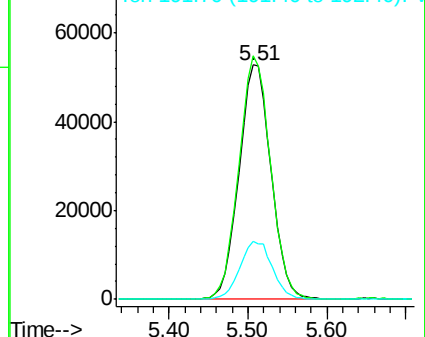
192 24.9 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.68 ug/l

RT: 5.81 min Scan# 855

Delta R.T. 0.01 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

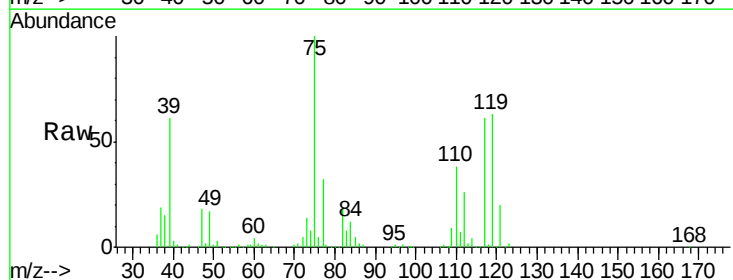
Tgt Ion: 75 Resp: 196401

Ion Ratio Lower Upper

75 100

110 37.7 18.1 54.4

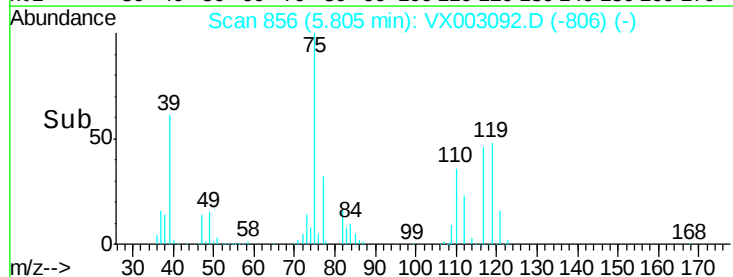
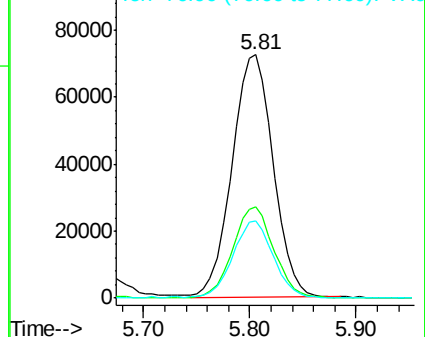
77 30.7 24.3 36.5

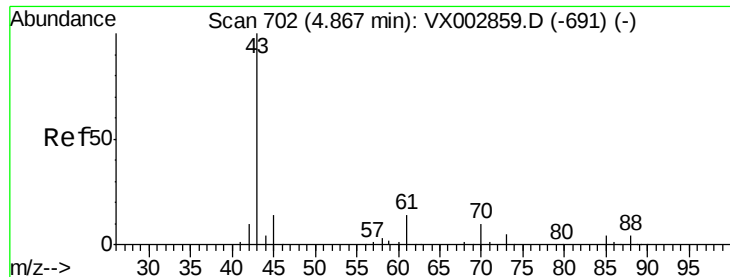


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

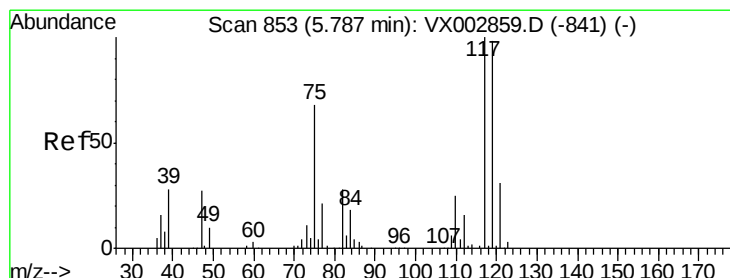
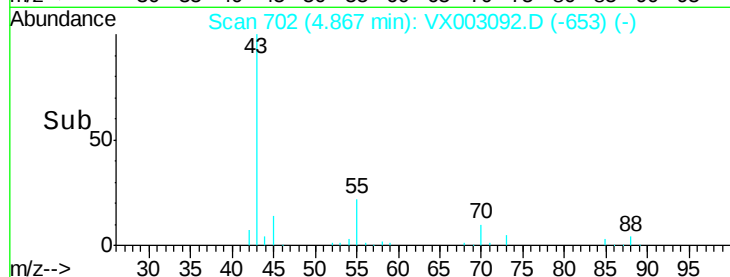
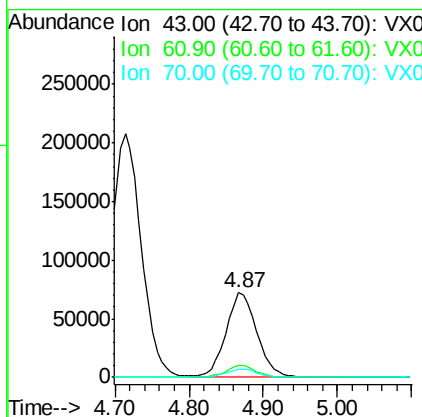
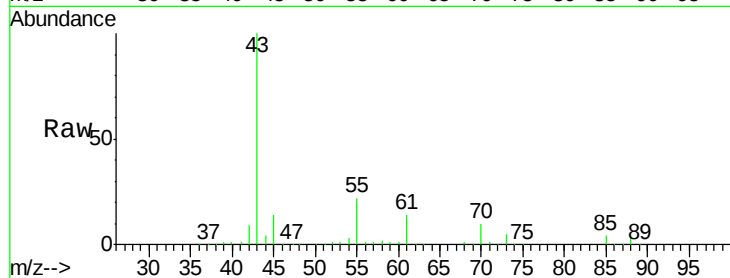




#37
Ethyl Acetate
Concen: 47.09 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

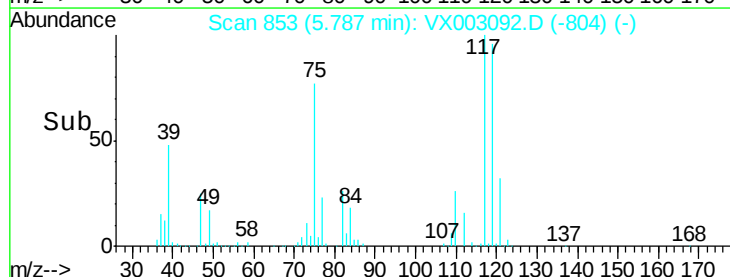
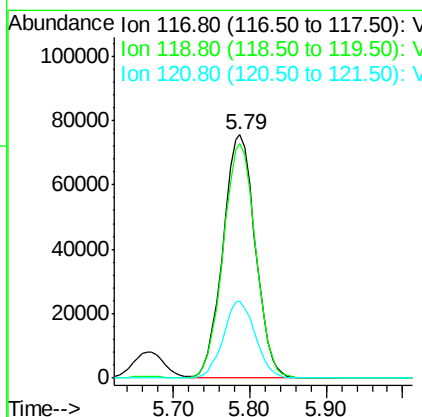
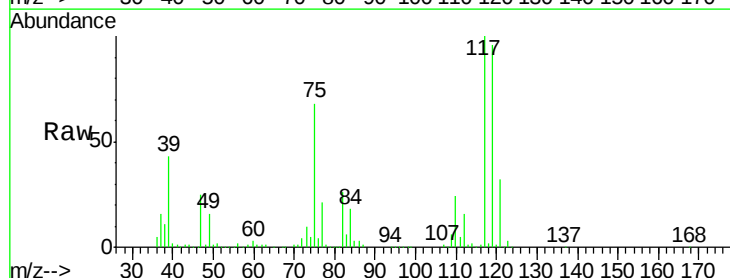
Instrument :
MSVOA_X
ClientSampled :
S22-0037MS

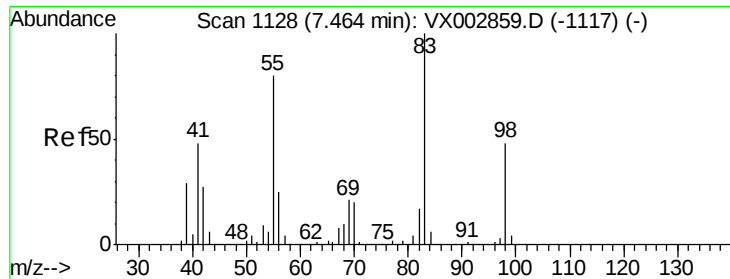
Tot Ion: 43 Resp: 208876
Ion Ratio Lower Upper
43 100
61 13.4 10.4 15.6
70 10.1 7.6 11.4



#38
Carbon Tetrachloride
Concen: 48.87 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Tgt Ion: 117 Resp: 220917
Ion Ratio Lower Upper
117 100
119 96.4 77.4 116.0
121 31.8 24.4 36.6

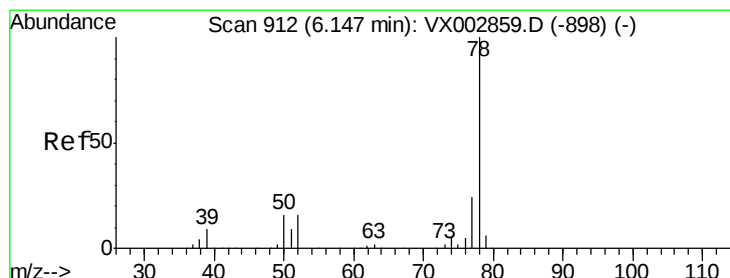
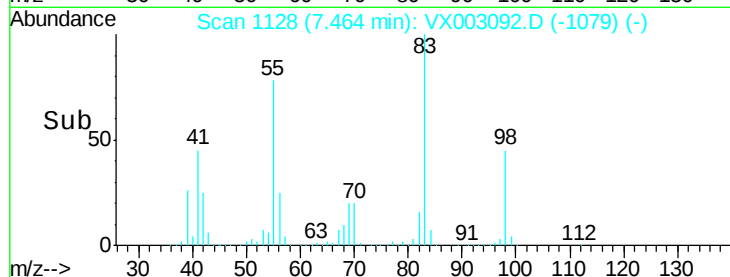
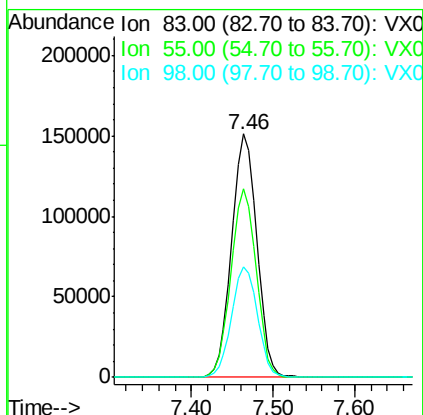
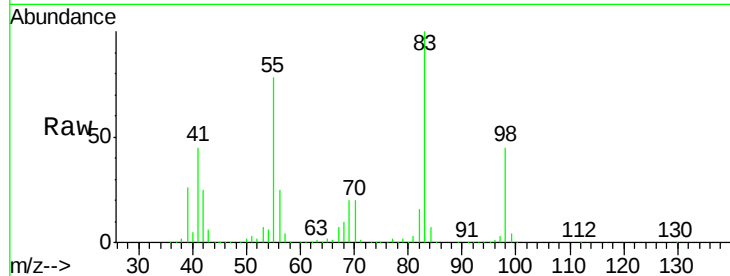




#39
Methvlcvclohexane
Concen: 67.18 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

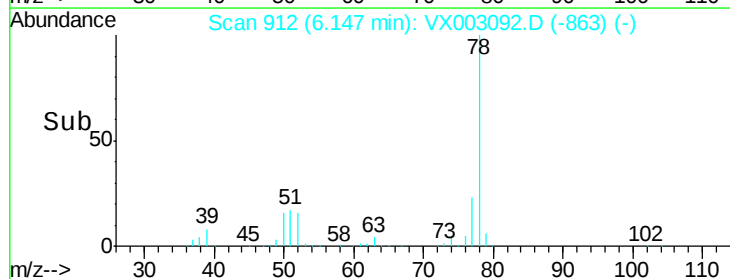
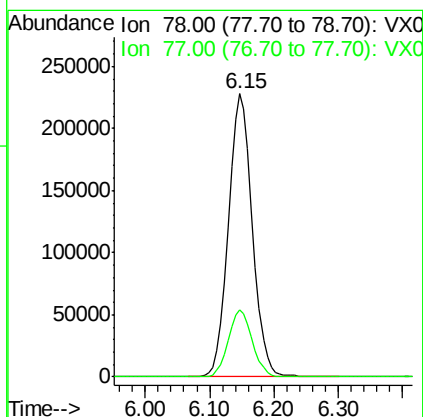
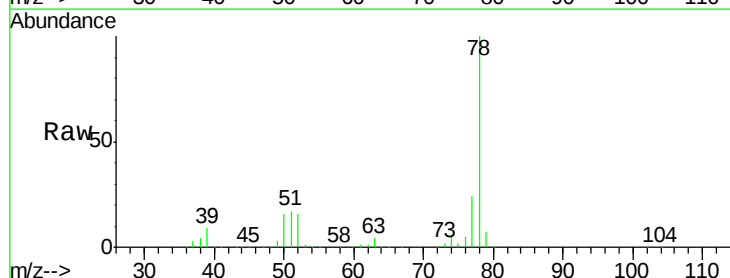
Instrument :
MSVOA_X
ClientSampleId :
S22-0037MS

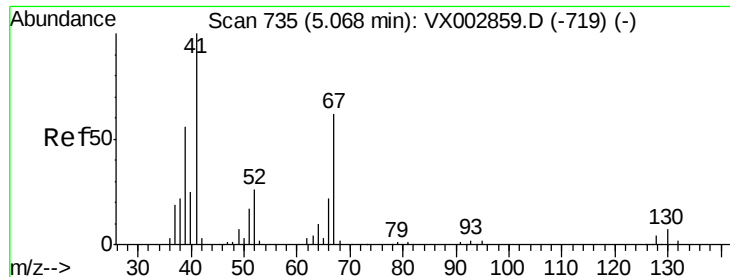
Tot Ion: 83 Resp: 322353
Ion Ratio Lower Upper
83 100
55 77.6 65.4 98.0
98 45.2 37.4 56.0



#40
Benzene
Concen: 49.73 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Tgt Ion: 78 Resp: 595188
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7

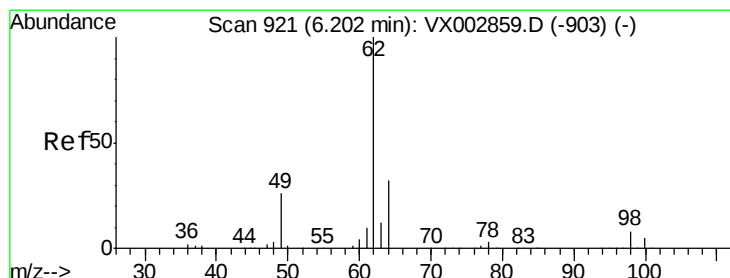
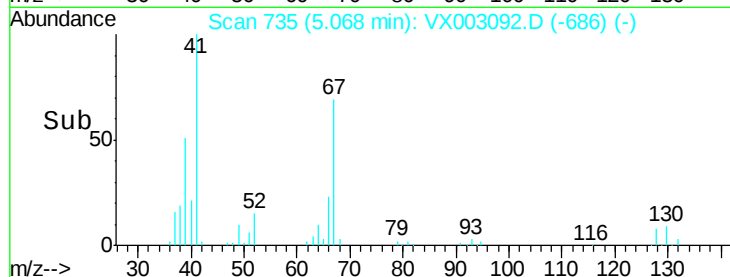
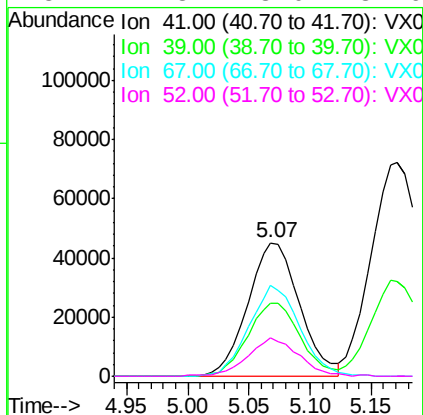
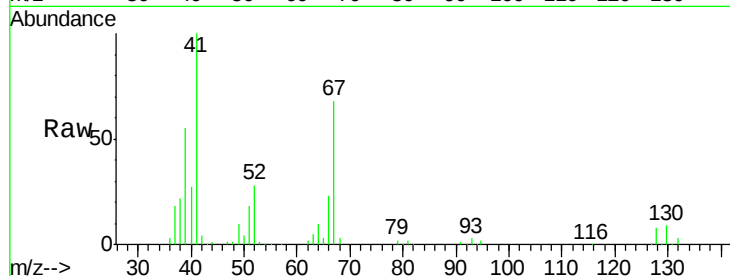




#41
Methacrylonitrile
Concen: 51.58 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

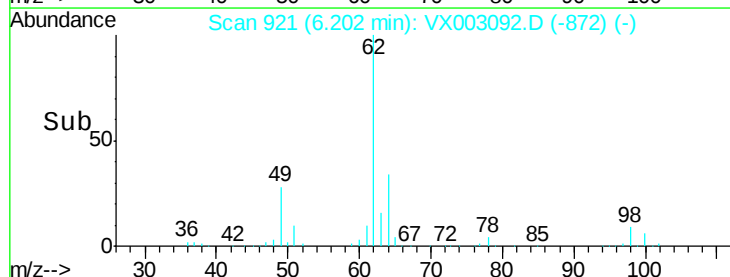
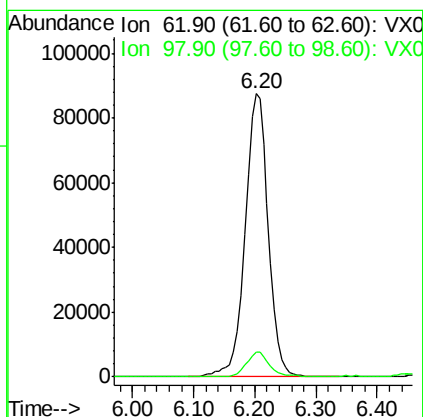
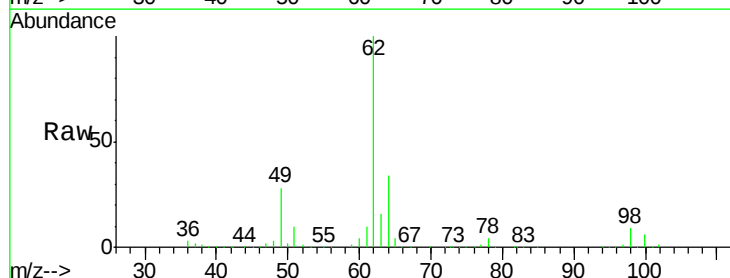
Instrument :
MSVOA_X
ClientSampled :
S22-0037MS

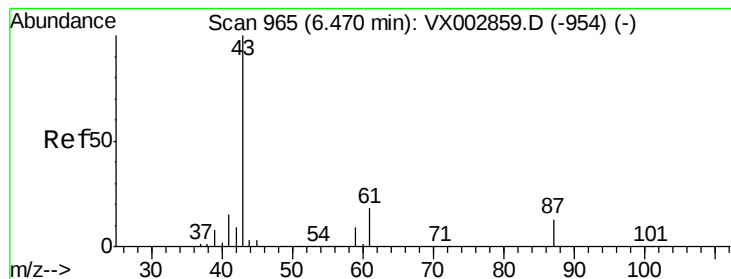
Tot Ion:	41	Resp:	131732
Ion	Ratio	Lower	Upper
41	100		
39	56.3	45.8	68.6
67	67.3	51.3	76.9
52	27.8	23.0	34.6



#42
1,2-Dichloroethane
Concen: 47.22 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Tgt Ion:	62	Resp:	228307
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	16.6



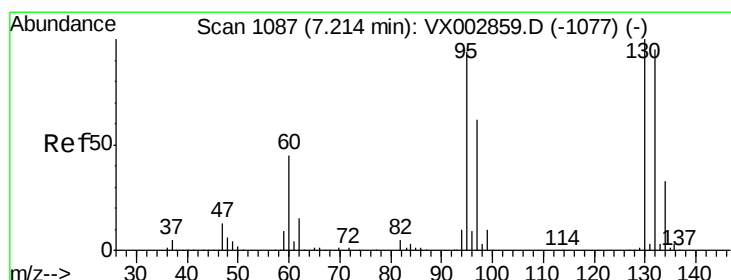
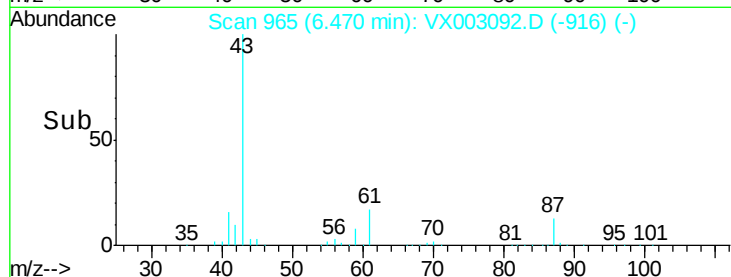
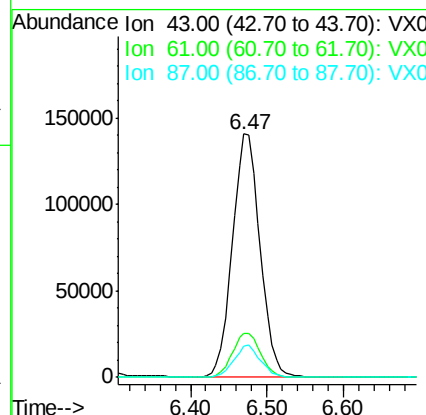
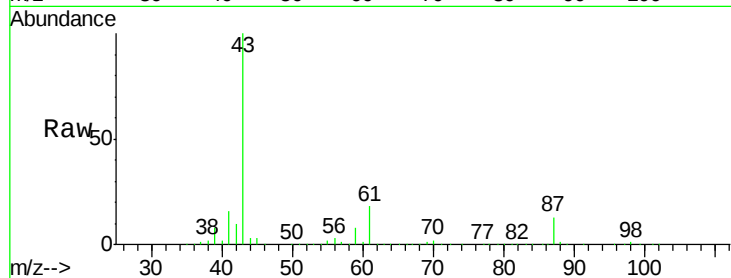


#43

Isopropyl Acetate
 Concen: 46.96 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX003092.D
 Acq: 30 Jun 2018 21:09

Instrument :
 MSVOA_X
 ClientSampleId :
 S22-0037MS

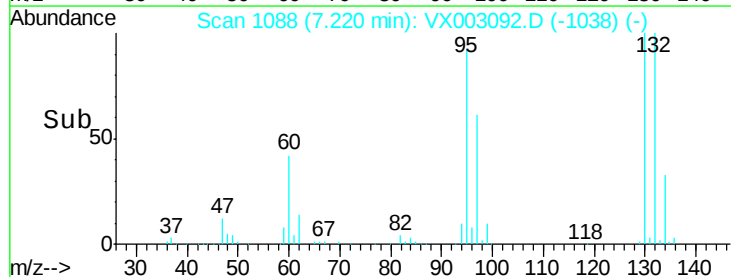
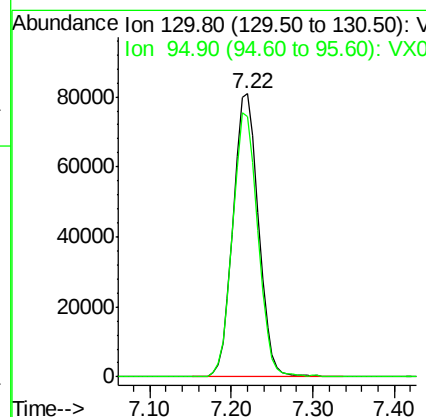
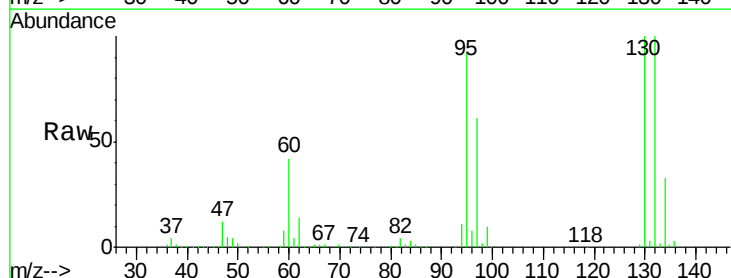
Tot Ion	43	Resp	349307
Ion Ratio	Lower	Upper	
43	100		
61	18.7	14.4	21.6
87	12.7	9.5	14.3

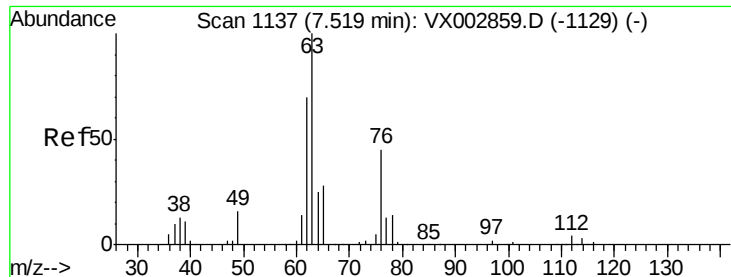


#44

Trichloroethene
 Concen: 48.66 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX003092.D
 Acq: 30 Jun 2018 21:09

Tgt Ion	130	Resp	173641
Ion Ratio	Lower	Upper	
130	100		
95	92.1	0.0	185.4

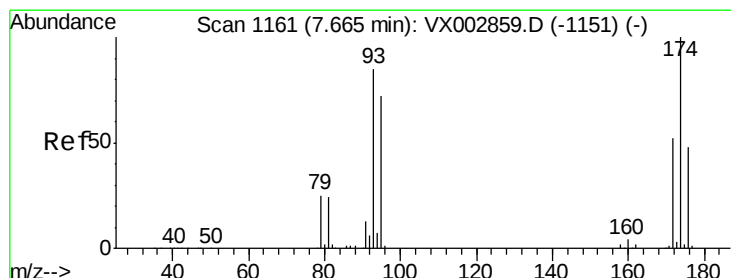
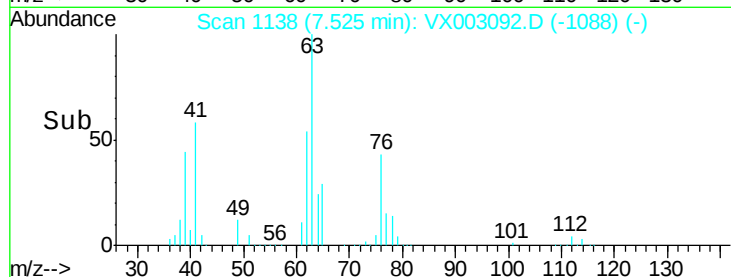
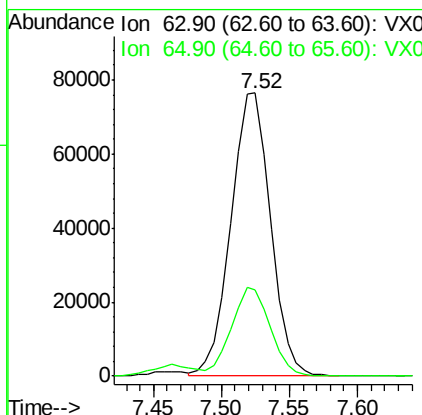
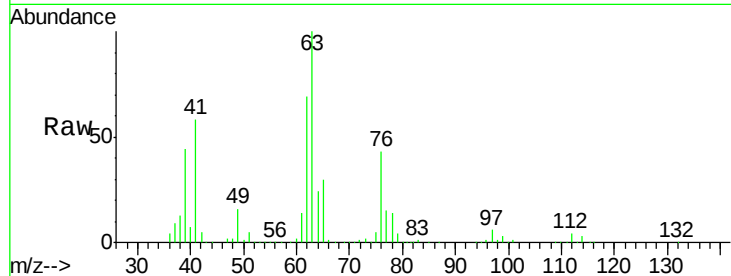




#45
 1,2-Dichloropropane
 Concen: 48.66 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VX003092.D
 Acq: 30 Jun 2018 21:09

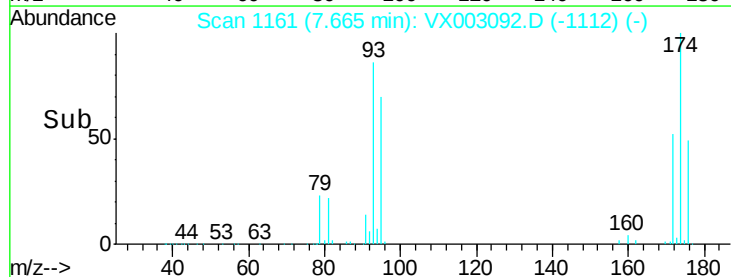
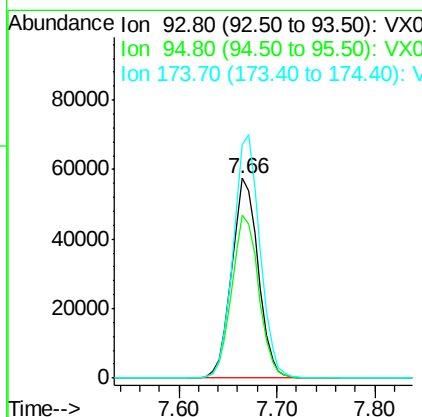
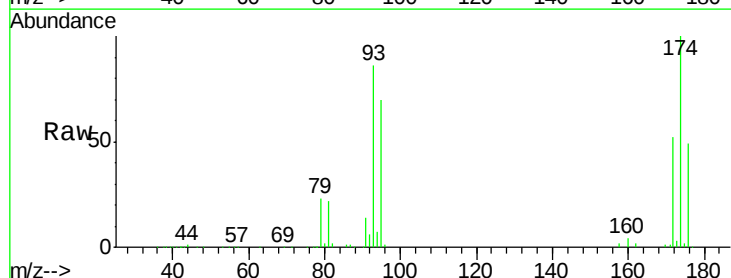
Instrument :
 MSVOA_X
 ClientSampleId :
 S22-0037MS

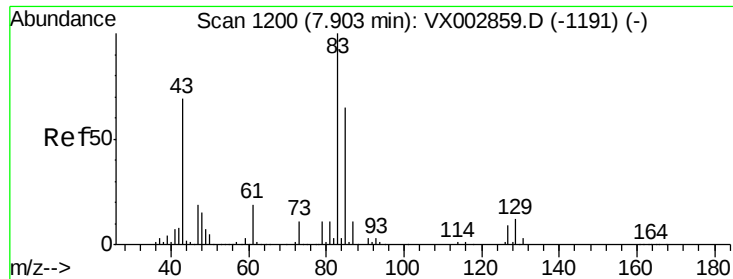
Tot Ion: 63 Resp: 154484
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.7 37.1



#46
 Dibromomethane
 Concen: 49.22 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003092.D
 Acq: 30 Jun 2018 21:09

Tgt Ion: 93 Resp: 108446
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.9 98.9
 174 122.4 92.4 138.6





#47

Bromodichloromethane

Concen: 50.48 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

S22-0037MS

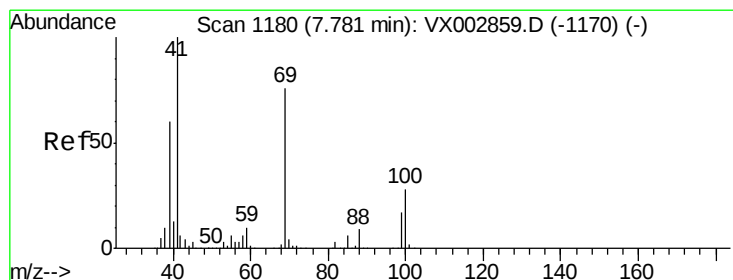
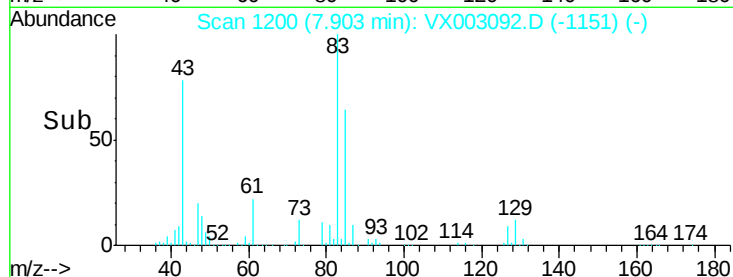
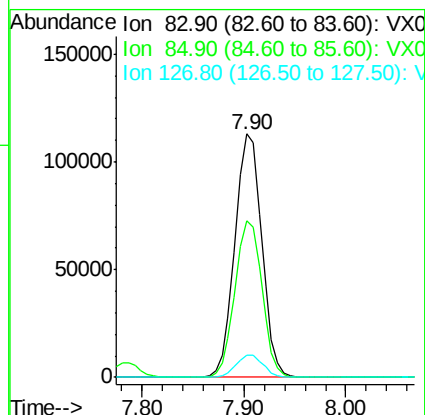
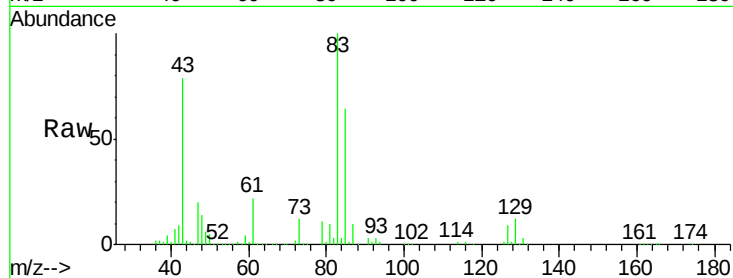
Tot Ion: 83 Resp: 205642

Ion Ratio Lower Upper

83 100

85 64.4 50.3 75.5

127 9.3 7.0 10.4



#48

Methyl methacrylate

Concen: 51.26 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

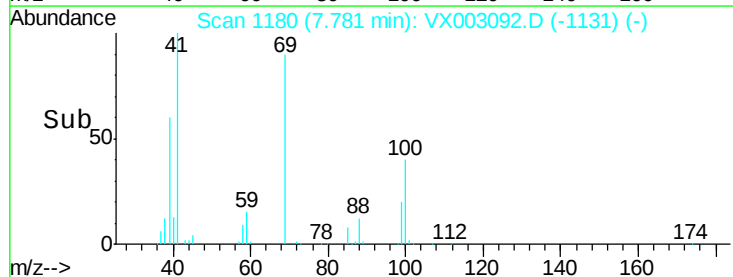
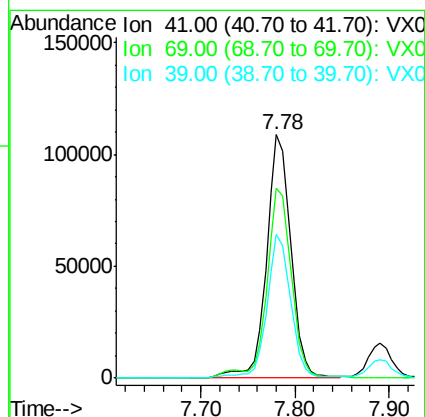
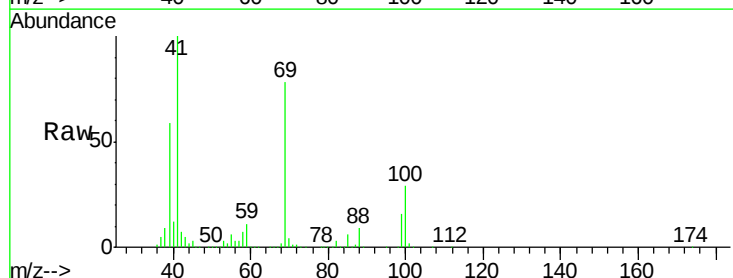
Tgt Ion: 41 Resp: 196456

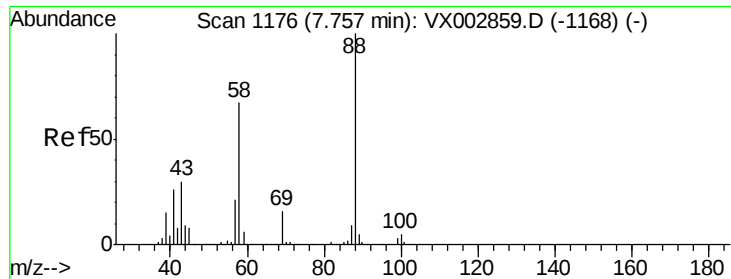
Ion Ratio Lower Upper

41 100

69 75.2 59.1 88.7

39 57.8 48.9 73.3

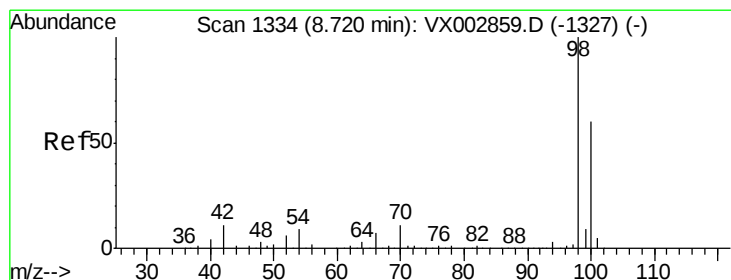
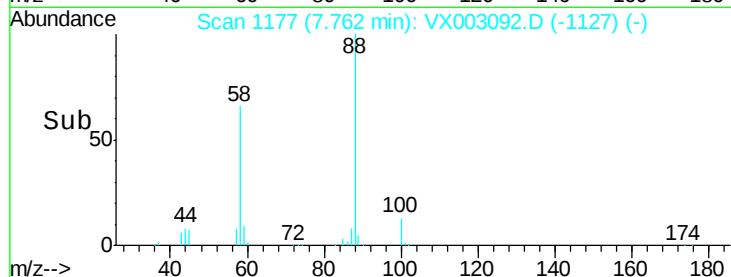
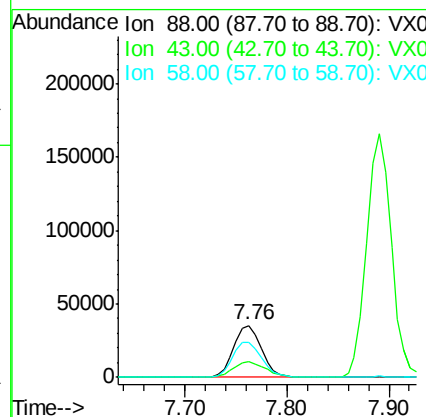
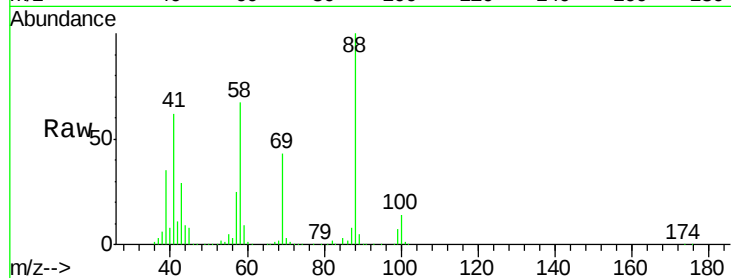




#49
1,4-Dioxane
Concen: 896.95 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

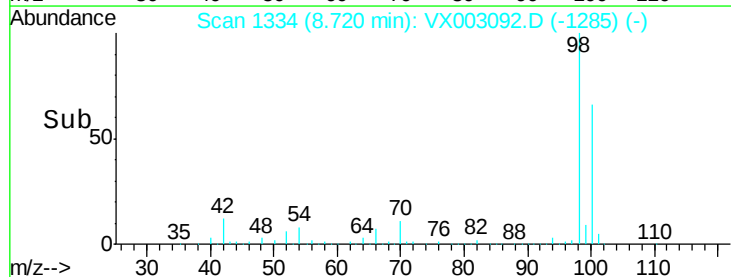
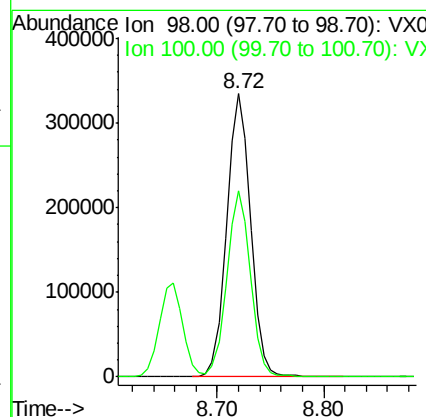
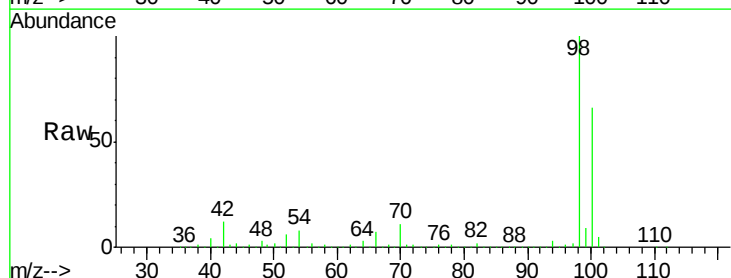
Instrument :
MSVOA_X
ClientSampleId :
S22-0037MS

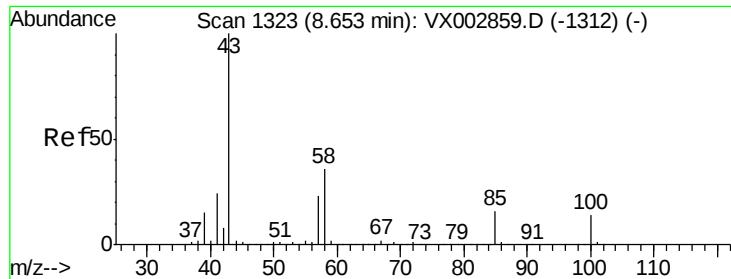
Tot Ion: 88 Resp: 66886
Ion Ratio Lower Upper
88 100
43 34.8 29.8 44.6
58 70.3 57.1 85.7



#50
Toluene-d8
Concen: 48.32 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Tgt Ion: 98 Resp: 524901
Ion Ratio Lower Upper
98 100
100 65.1 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 256.47 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

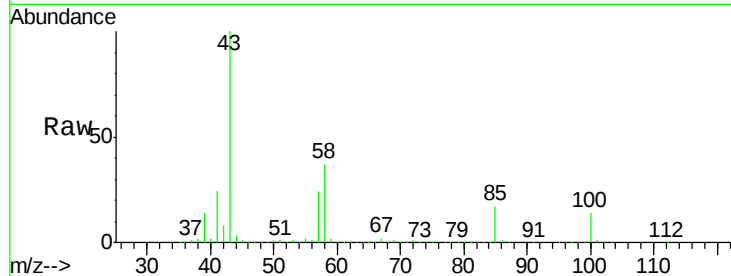
S22-0037MS

Tot Ion: 43 Resp: 1193619

Ion Ratio Lower Upper

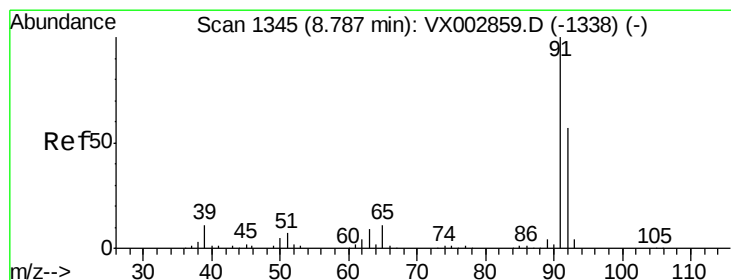
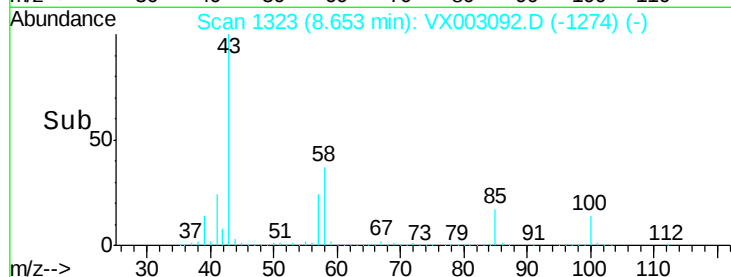
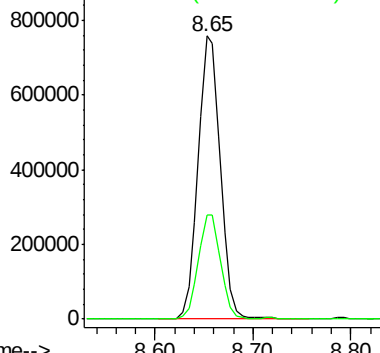
43 100

58 37.0 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.04 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003092.D

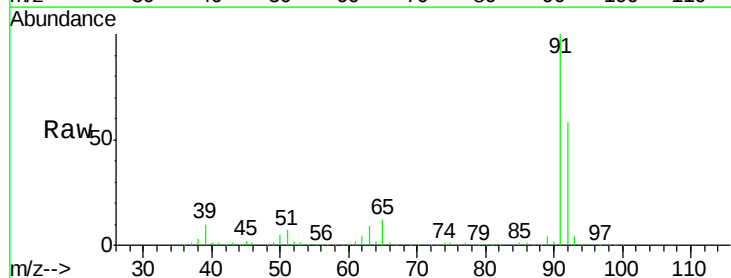
Acq: 30 Jun 2018 21:09

Tgt Ion: 92 Resp: 383716

Ion Ratio Lower Upper

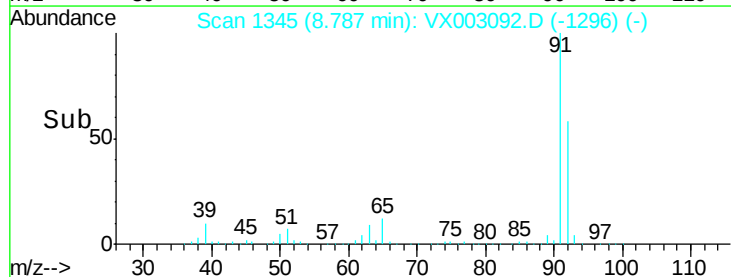
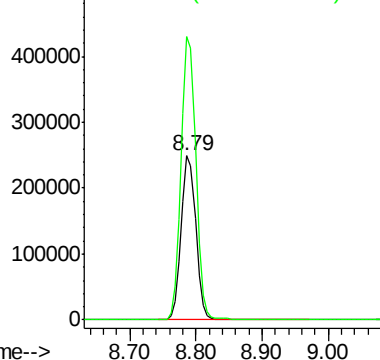
92 100

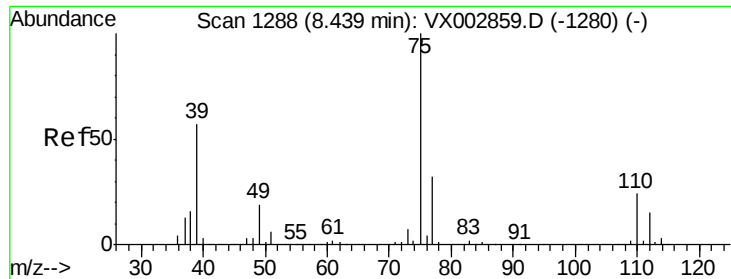
91 174.2 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 49.27 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

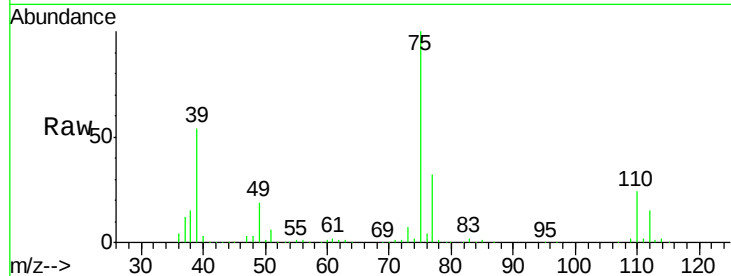
S22-0037MS

Tot Ion: 75 Resp: 227269

Ion Ratio Lower Upper

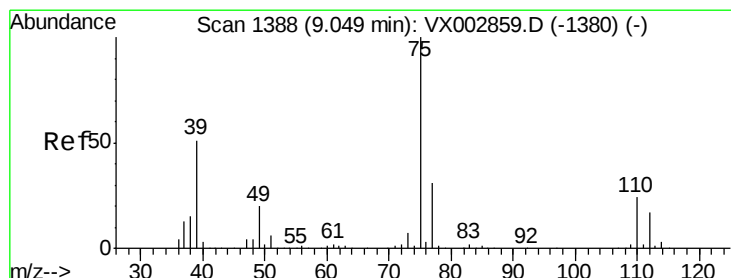
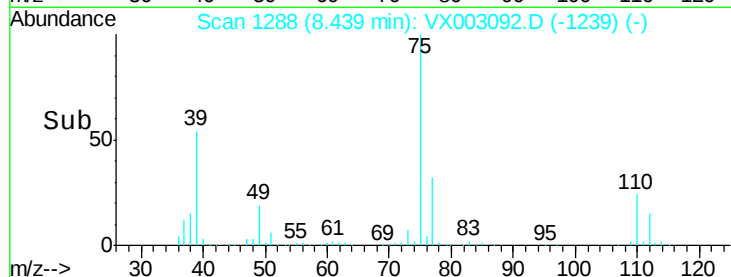
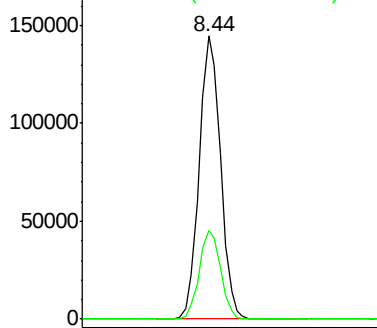
75 100

77 31.5 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 48.54 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

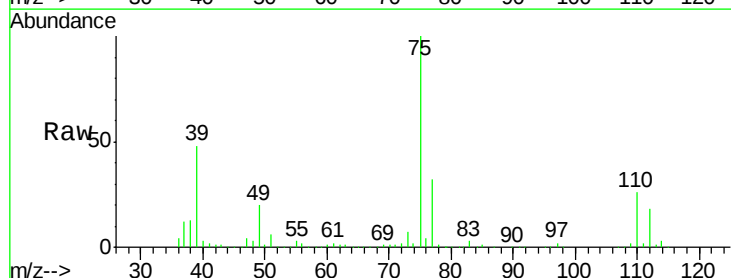
Tgt Ion: 75 Resp: 215447

Ion Ratio Lower Upper

75 100

77 31.9 24.8 37.2

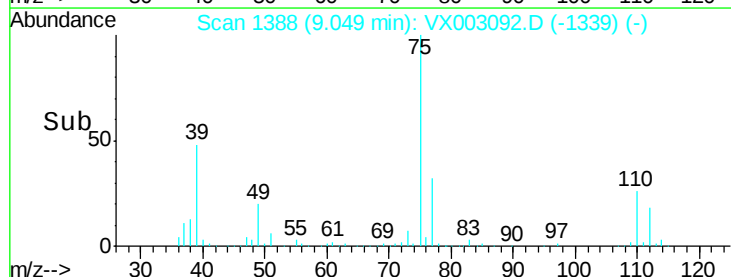
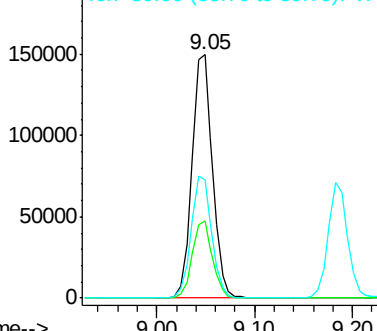
39 48.3 42.4 63.6

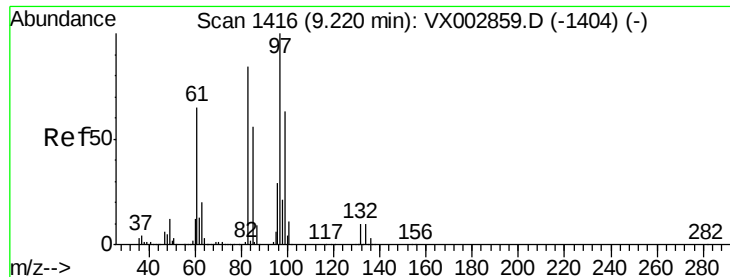


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

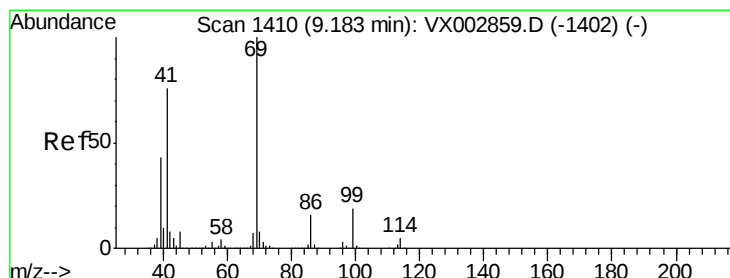
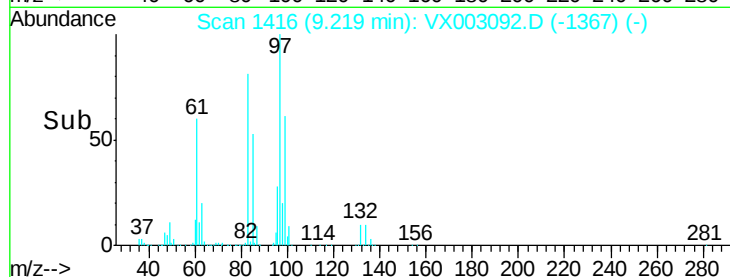
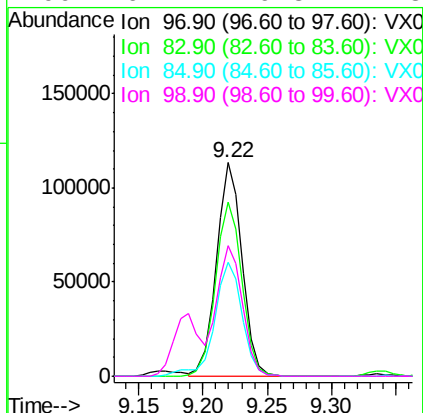
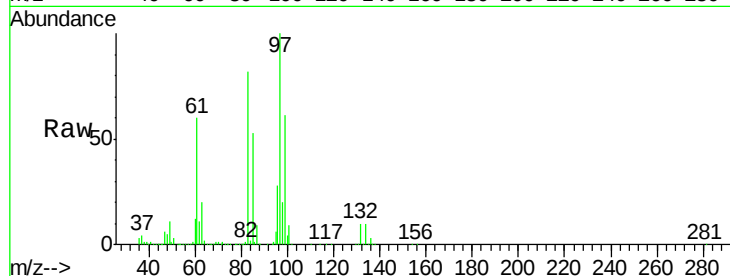




#55
 1,1,2-Trichloroethane
 Concen: 50.47 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003092.D
 Acq: 30 Jun 2018 21:09

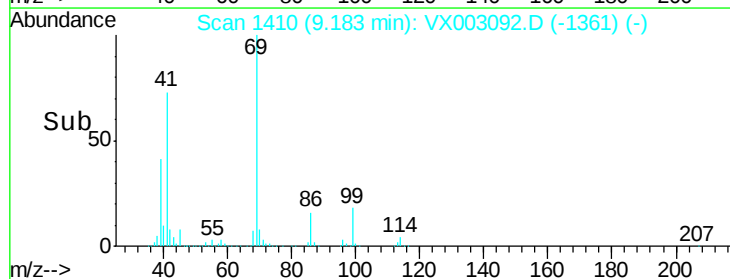
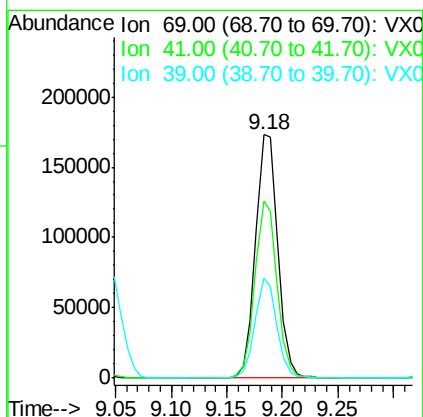
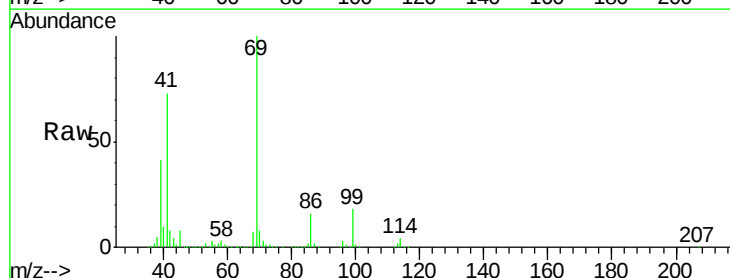
Instrument :
 MSVOA_X
 ClientSampleId :
 S22-0037MS

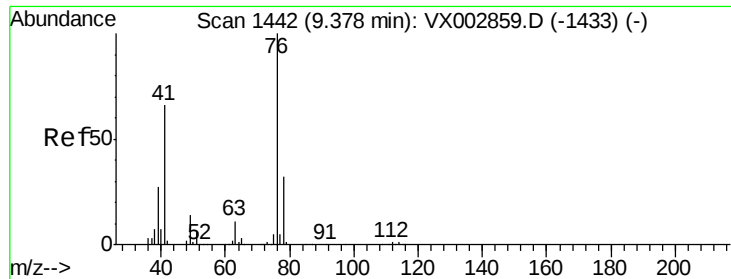
Tot Ion	97	Resp	159024
Ion	Ratio	Lower	Upper
97	100		
83	81.7	70.2	105.2
85	53.3	44.9	67.3
99	61.2	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 52.82 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003092.D
 Acq: 30 Jun 2018 21:09

Tgt Ion	69	Resp	243246
Ion	Ratio	Lower	Upper
69	100		
41	71.9	60.3	90.5
39	39.9	35.8	53.8





#57

1,3-Dichloropropane

Concen: 50.30 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

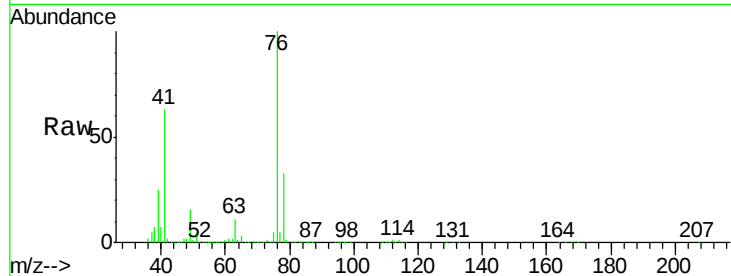
S22-0037MS

Tot Ion: 76 Resp: 260312

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

150000

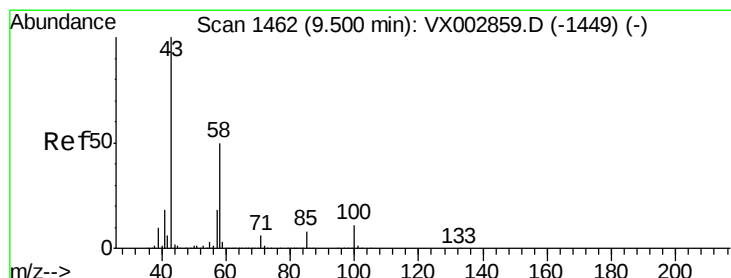
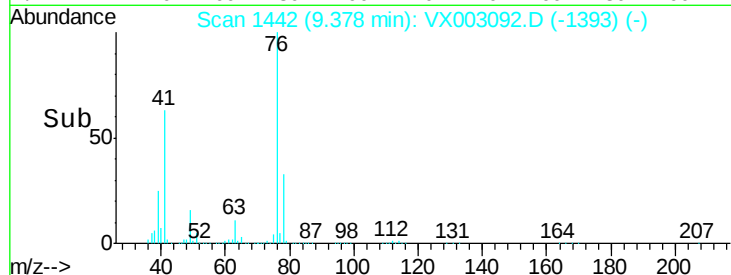
100000

50000

0

Time-->

9.30 9.40 9.50



#59

2-Hexanone

Concen: 255.16 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VX003092.D

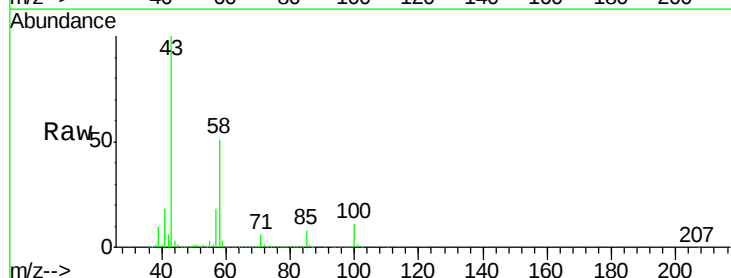
Acq: 30 Jun 2018 21:09

Tgt Ion: 43 Resp: 902522

Ion Ratio Lower Upper

43 100

58 51.8 24.6 73.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.50

800000

600000

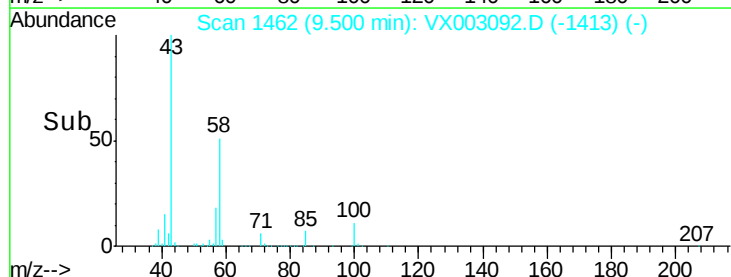
400000

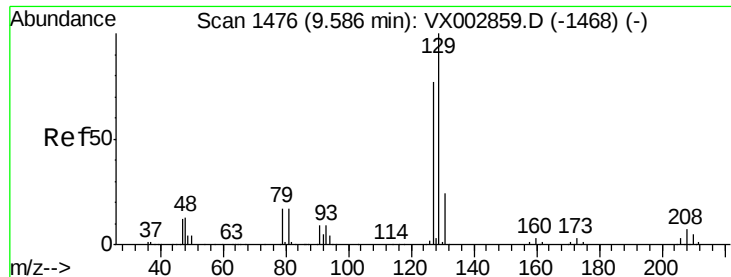
200000

0

Time-->

9.40 9.50 9.60





#60

Dibromochloromethane

Concen: 51.77 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

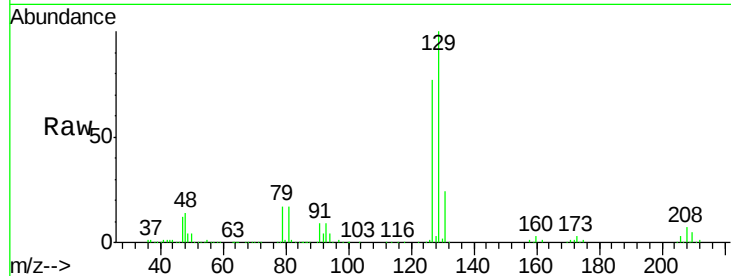
S22-0037MS

Tot Ion:129 Resp: 171698

Ion Ratio Lower Upper

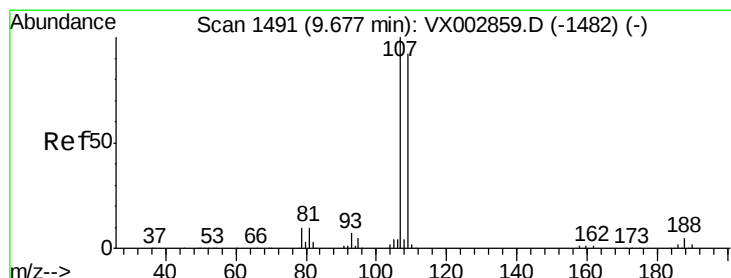
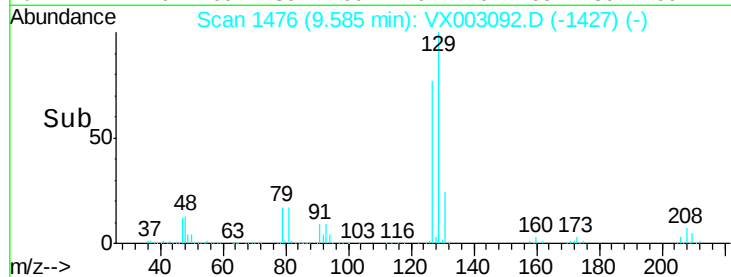
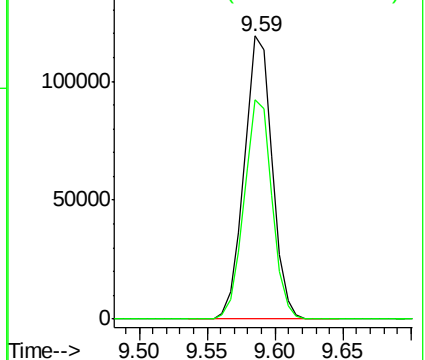
129 100

127 77.2 38.5 115.3



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 50.79 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003092.D

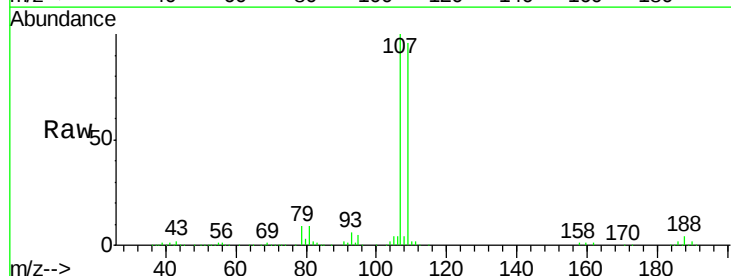
Acq: 30 Jun 2018 21:09

Tgt Ion:107 Resp: 167849

Ion Ratio Lower Upper

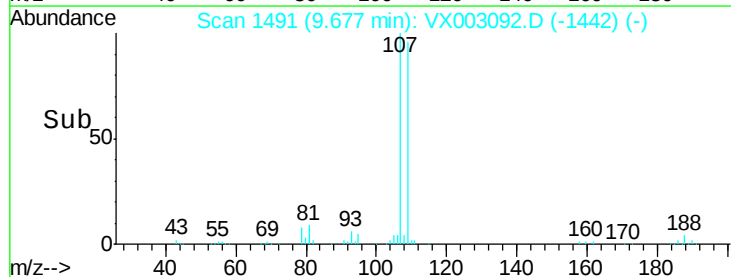
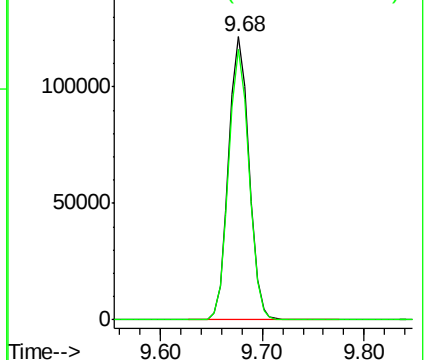
107 100

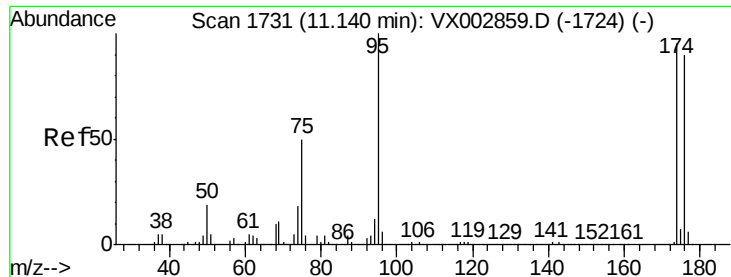
109 95.5 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 49.86 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

S22-0037MS

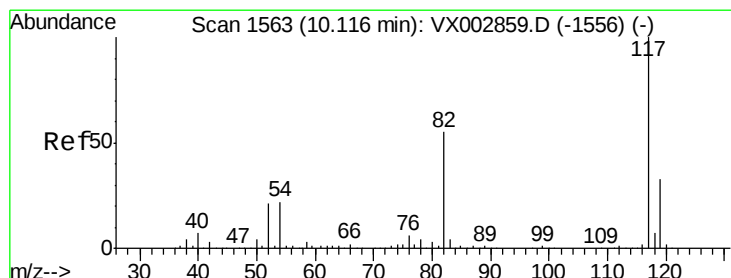
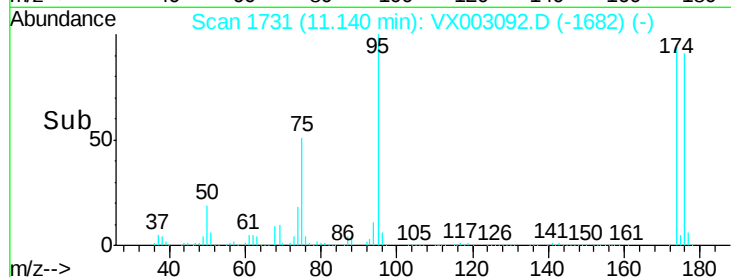
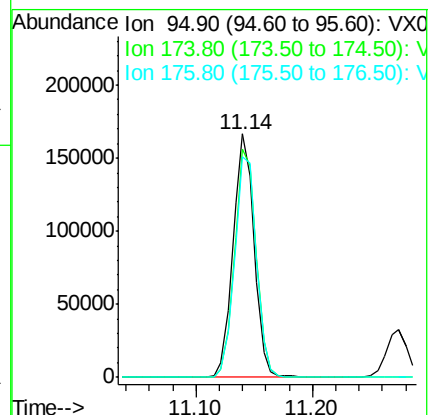
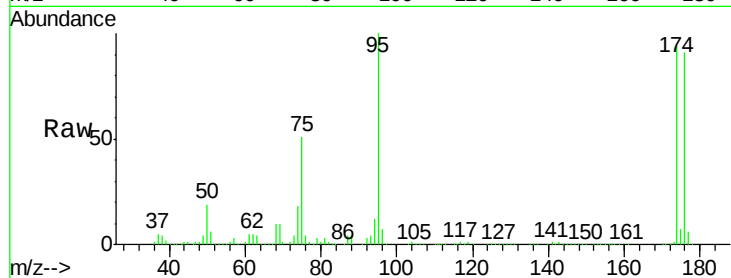
Tot Ion: 95 Resp: 208895

Ion Ratio Lower Upper

95 100

174 96.6 0.0 187.4

176 94.6 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: VX003092.D

Acq: 30 Jun 2018 21:09

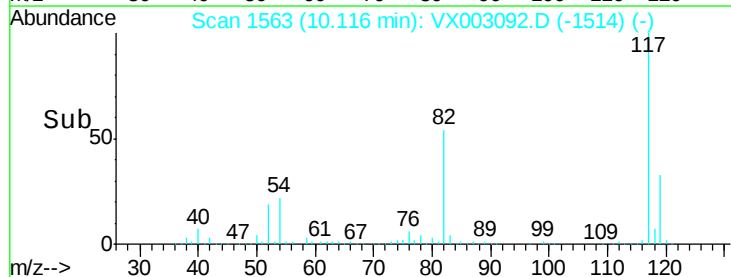
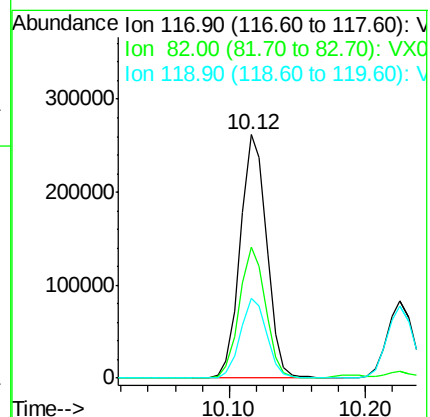
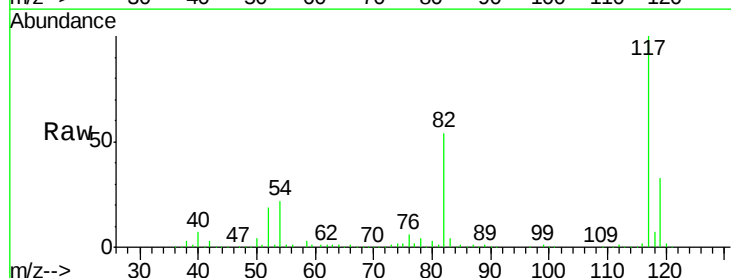
Tgt Ion: 117 Resp: 356276

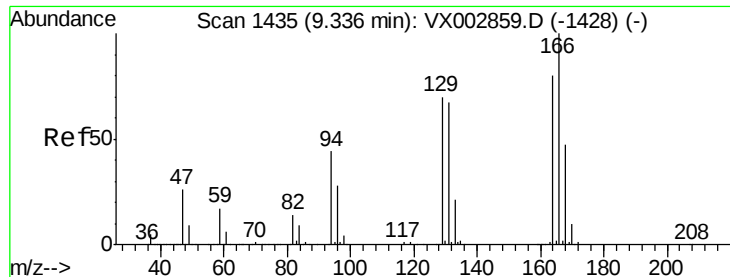
Ion Ratio Lower Upper

117 100

82 53.5 45.0 67.4

119 32.7 25.8 38.6





#64

Tetrachloroethene

Concen: 46.28 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.01 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

S22-0037MS

Tot Ion:164 Resp: 183345

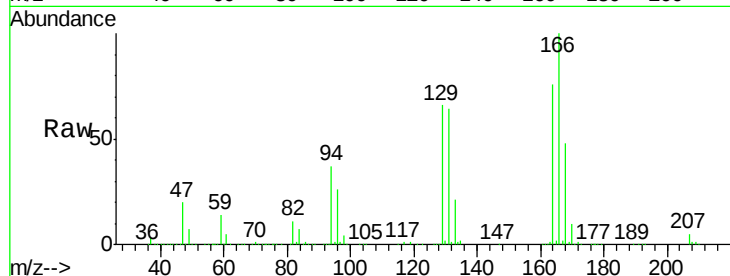
Ion Ratio Lower Upper

164 100

166 131.1 102.9 154.3

129 86.3 68.6 102.8

131 84.4 66.8 100.2

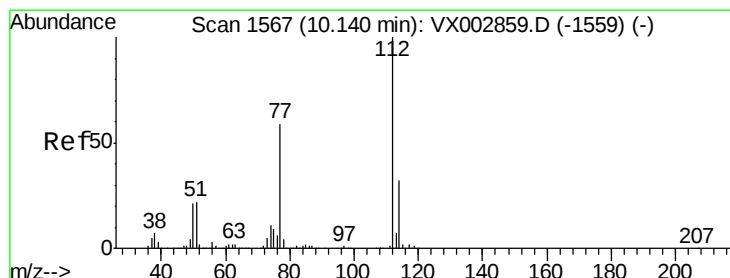
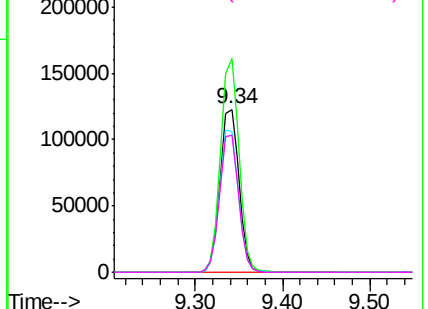
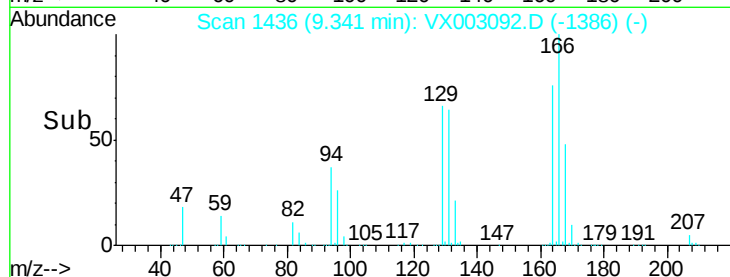


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 49.20 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX003092.D

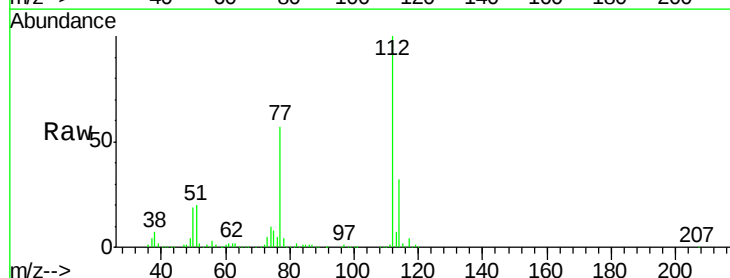
Acq: 30 Jun 2018 21:09

Tgt Ion:112 Resp: 445222

Ion Ratio Lower Upper

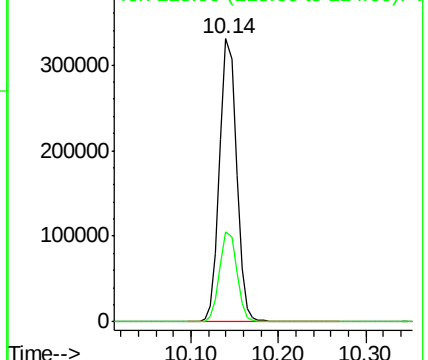
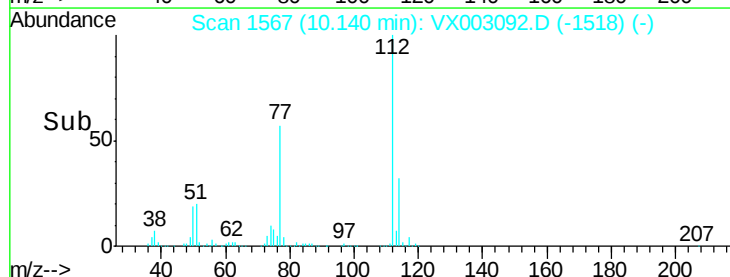
112 100

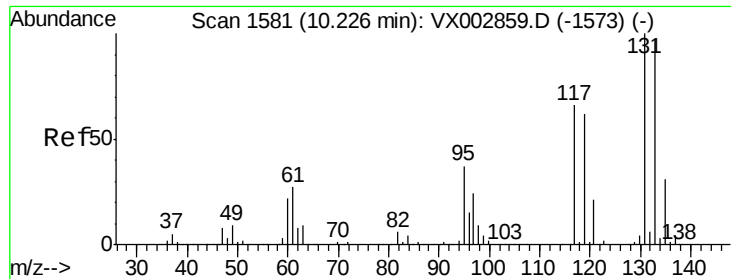
114 31.9 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 50.66 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

S22-0037MS

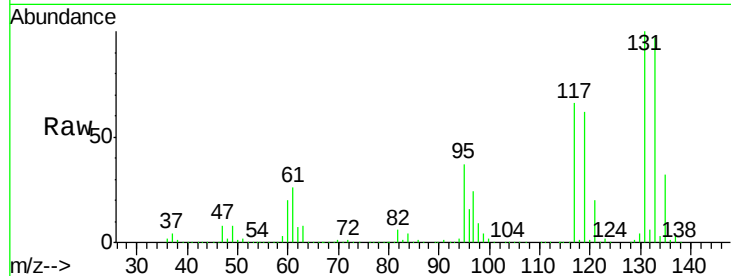
Tot Ion:131 Resp: 166542

Ion Ratio Lower Upper

131 100

133 96.5 47.9 143.6

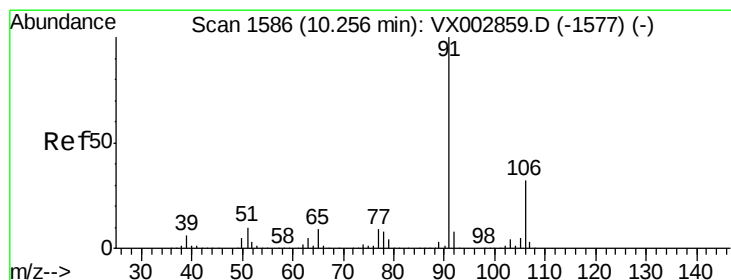
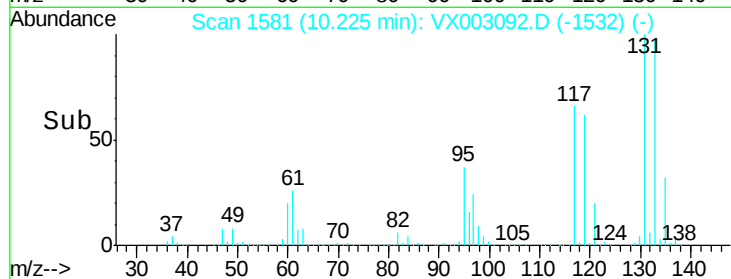
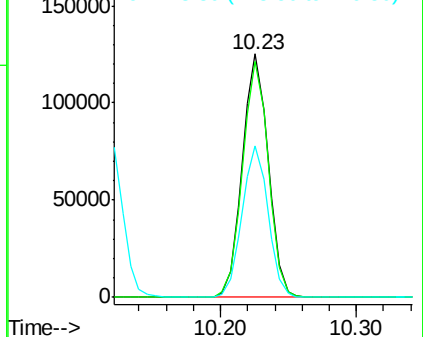
119 62.8 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 67.72 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX003092.D

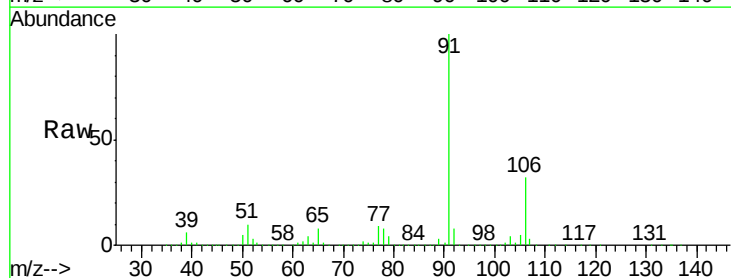
Acq: 30 Jun 2018 21:09

Tgt Ion: 91 Resp: 1012389

Ion Ratio Lower Upper

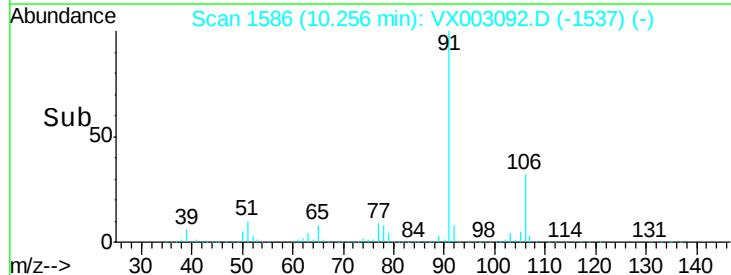
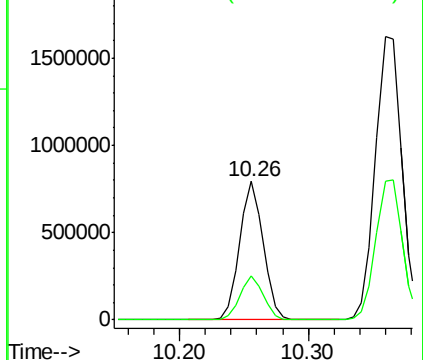
91 100

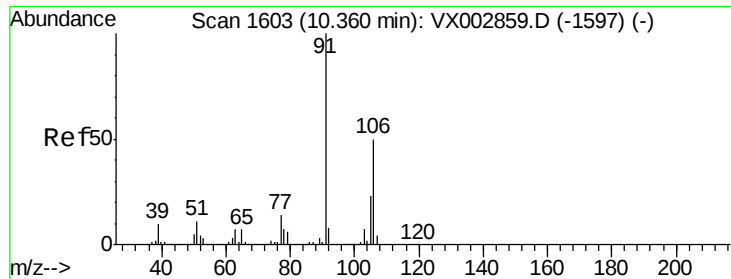
106 31.6 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

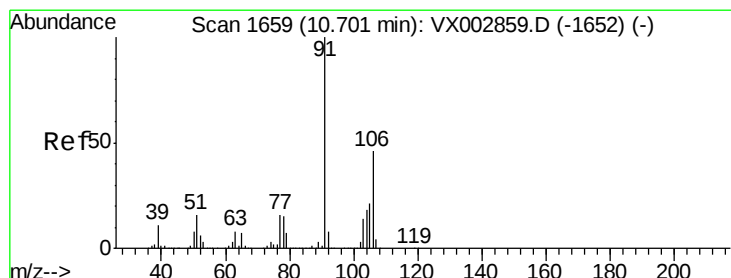
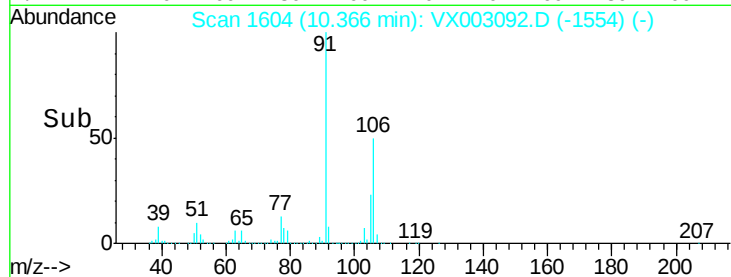
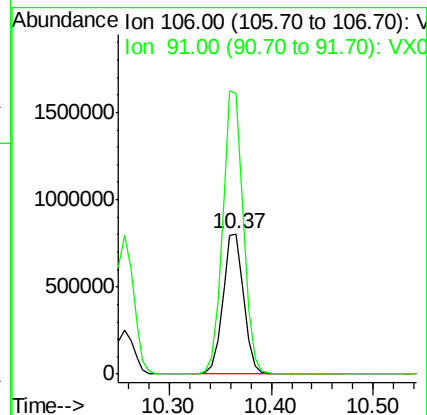
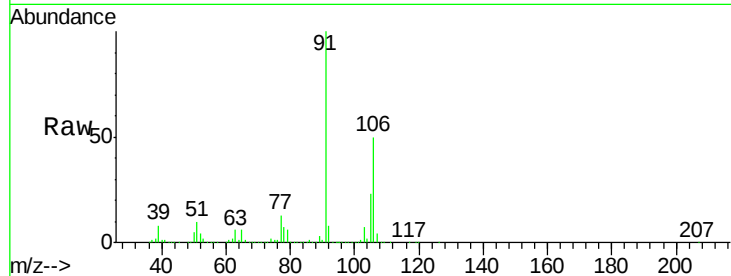




#68
m/p-Xvlenes
Concen: 198.08 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

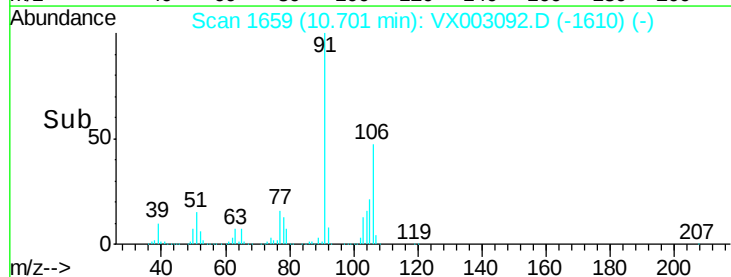
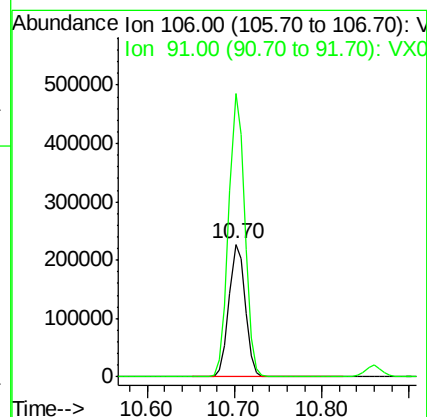
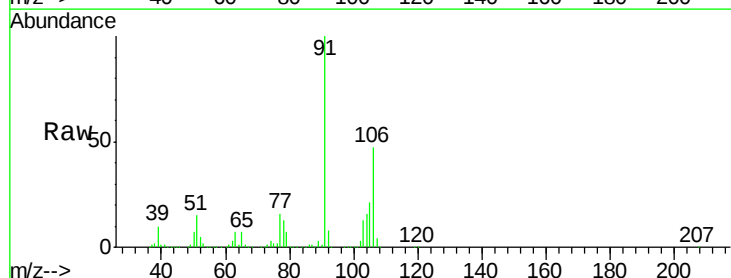
Instrument :
MSVOA_X
ClientSampleId :
S22-0037MS

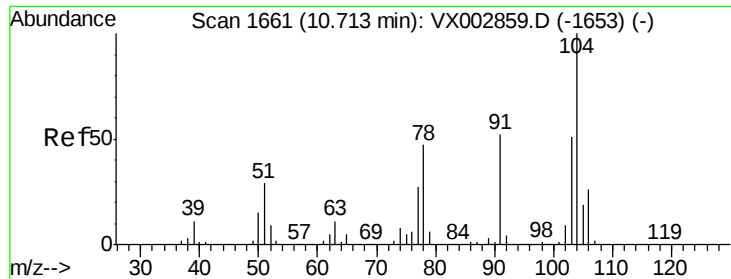
Tot Ion:106 Resp: 1141178
Ion Ratio Lower Upper
106 100
91 201.5 163.4 245.2



#69
o-Xylene
Concen: 51.85 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Tgt Ion:106 Resp: 290847
Ion Ratio Lower Upper
106 100
91 211.1 108.2 324.6





#70

Stvrene

Concen: 52.27 ug/l

RT: 10.71 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

S22-0037MS

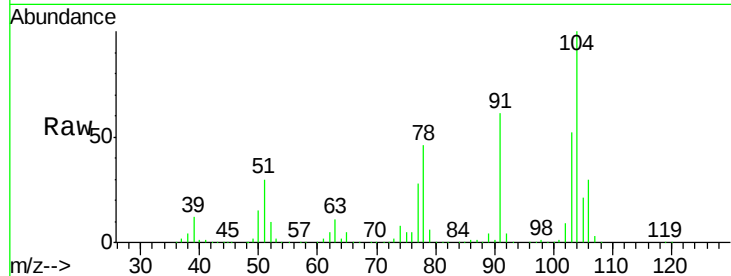
Tot Ion:104 Resp: 476432

Ion Ratio Lower Upper

104 100

78 50.2 41.0 61.6

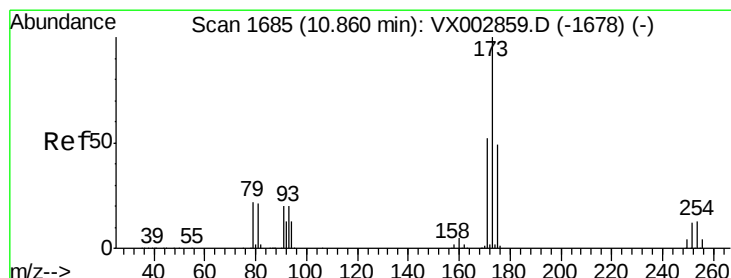
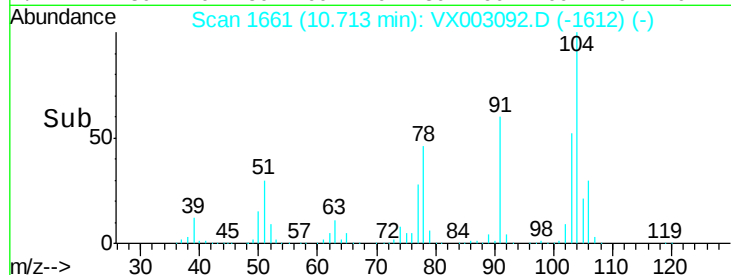
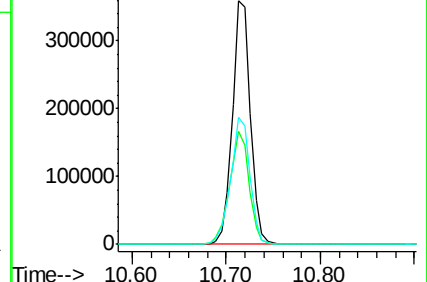
103 56.0 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 46.24 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

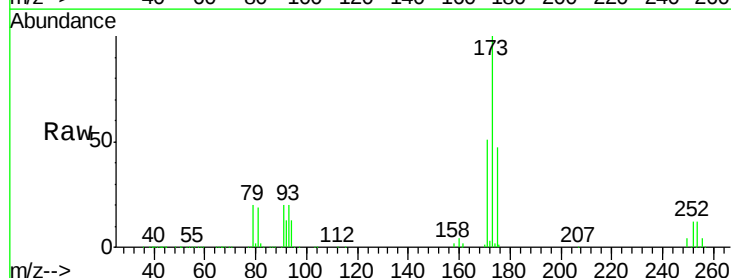
Tgt Ion:173 Resp: 136407

Ion Ratio Lower Upper

173 100

175 48.1 24.7 74.1

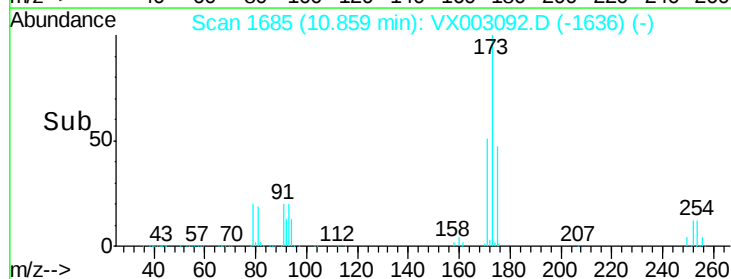
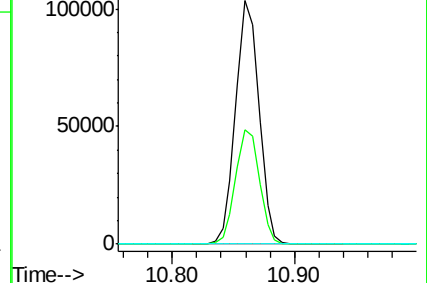
254 0.2 0.2 0.2

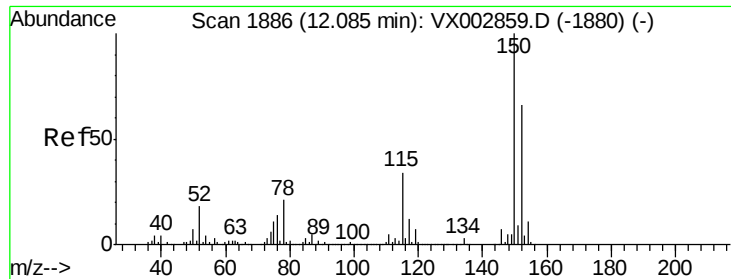


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

S22-0037MS

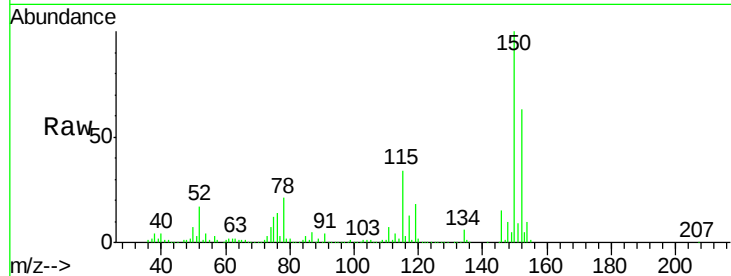
Tot Ion:152 Resp: 224608

Ion Ratio Lower Upper

152 100

115 76.9 40.1 120.2

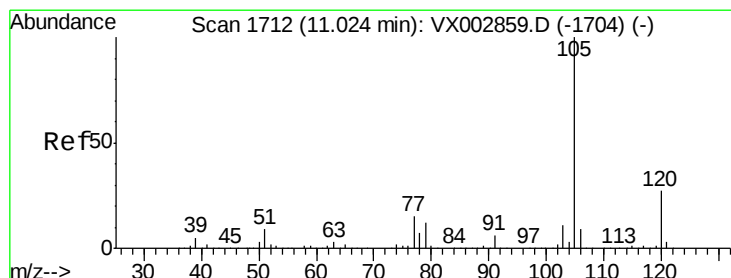
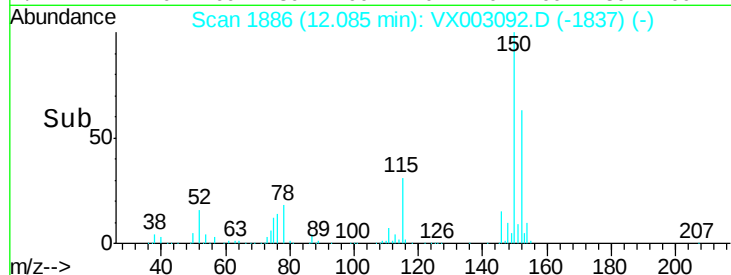
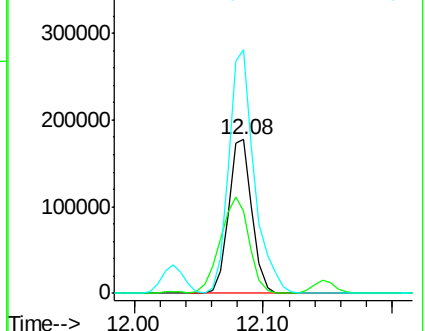
150 173.6 0.0 347.2



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: 67.82 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003092.D

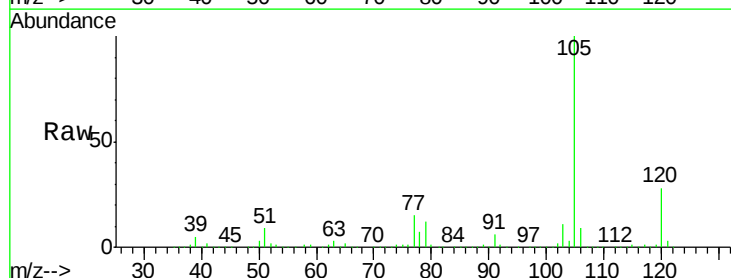
Acq: 30 Jun 2018 21:09

Tgt Ion:105 Resp: 1024694

Ion Ratio Lower Upper

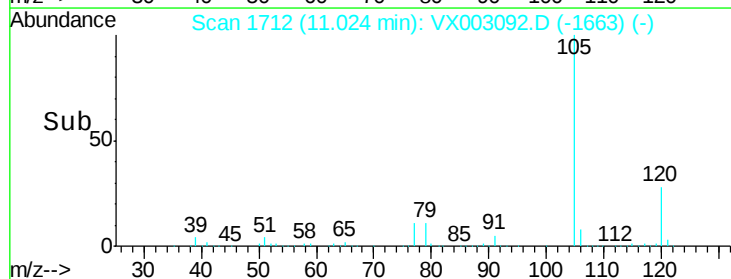
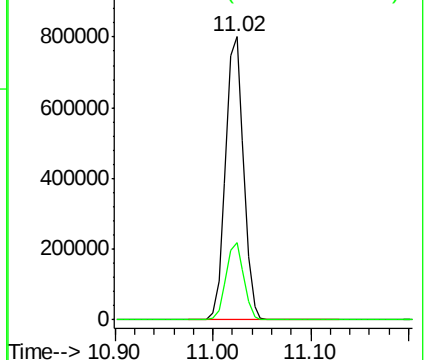
105 100

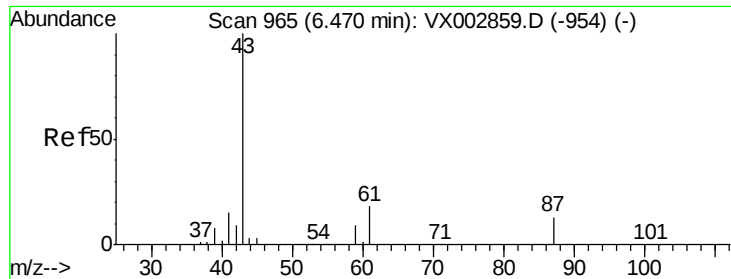
120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 47.25 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

S22-0037MS

Tot Ion: 43 Resp: 349307

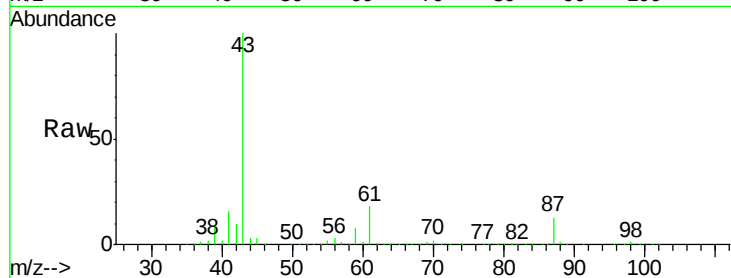
Ion Ratio Lower Upper

43 100

70 3.2 0.0 0.0#

55 3.3 0.0 0.0#

61 18.7 14.4 21.6

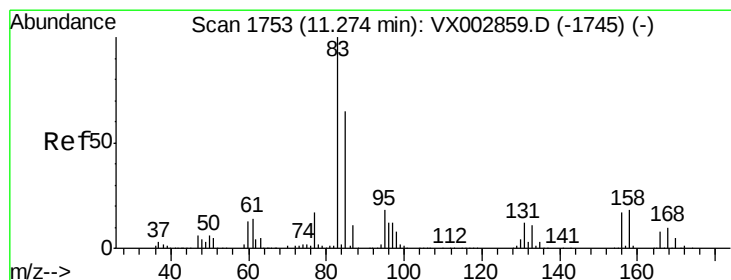
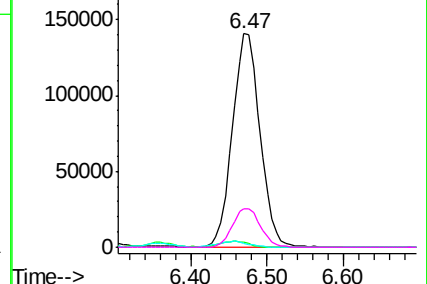
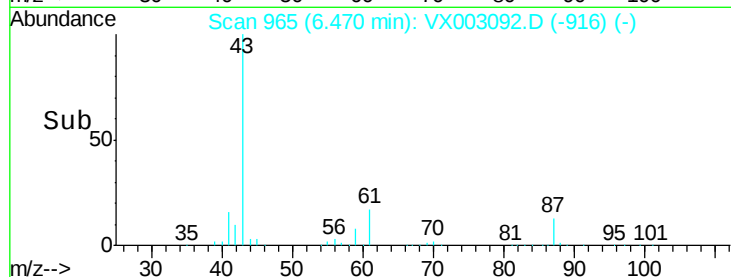


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 51.73 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

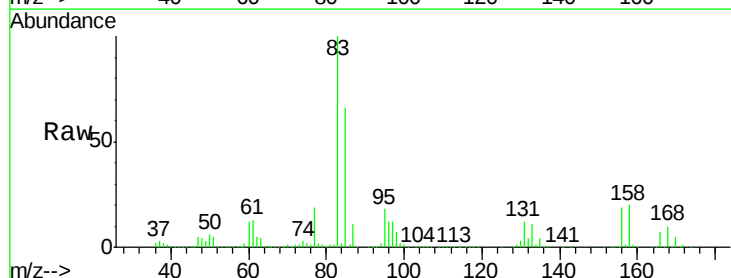
Tgt Ion: 83 Resp: 240774

Ion Ratio Lower Upper

83 100

131 11.4 5.6 16.8

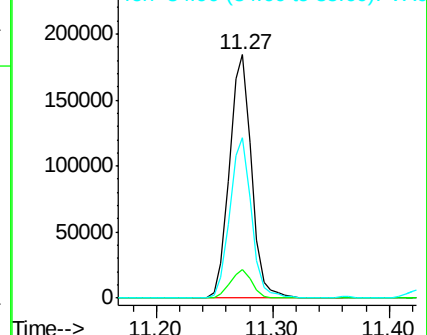
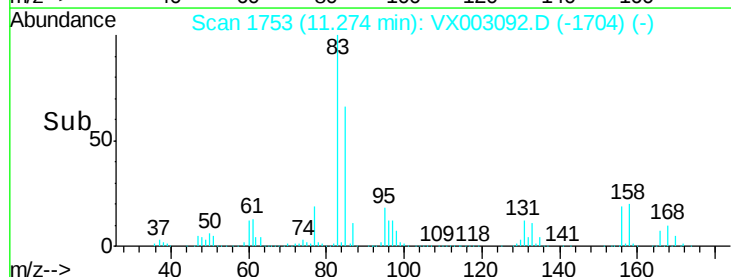
85 64.9 32.4 97.2

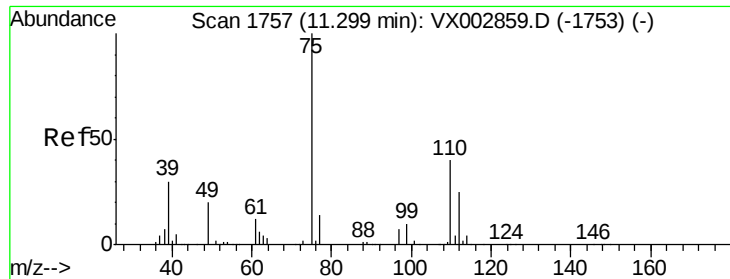


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

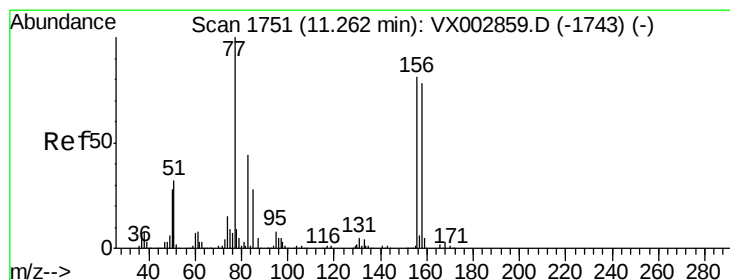
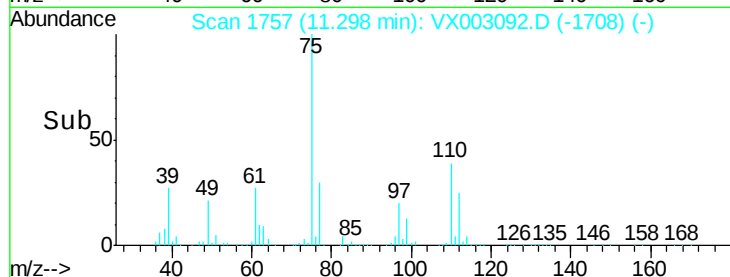
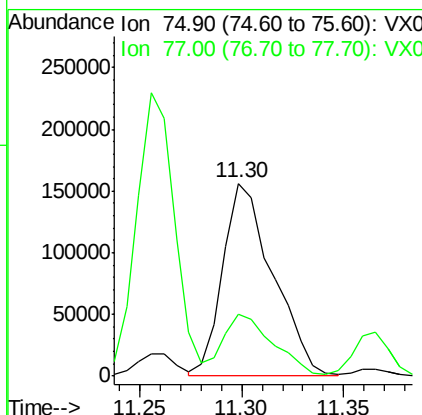
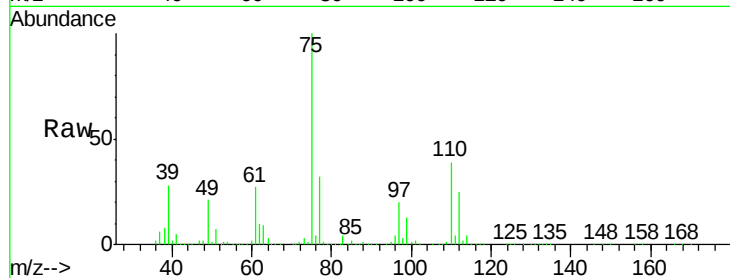




#76
 1,2,3-Trichloropropane
 Concen: 65.55 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VX003092.D
 Acq: 30 Jun 2018 21:09

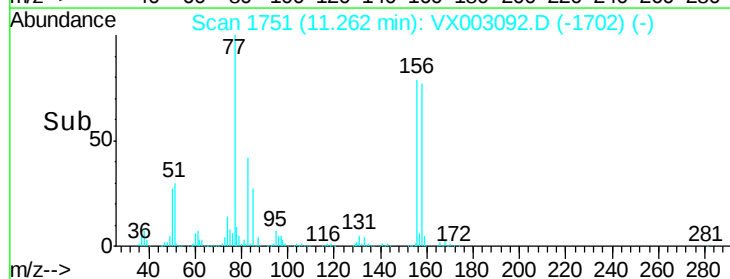
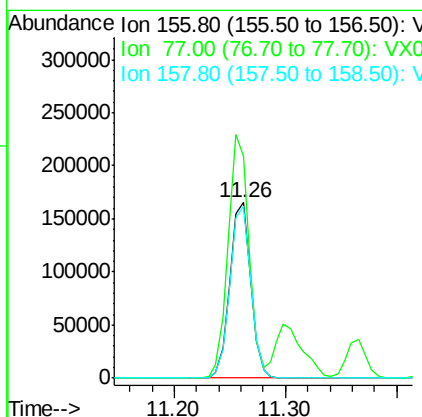
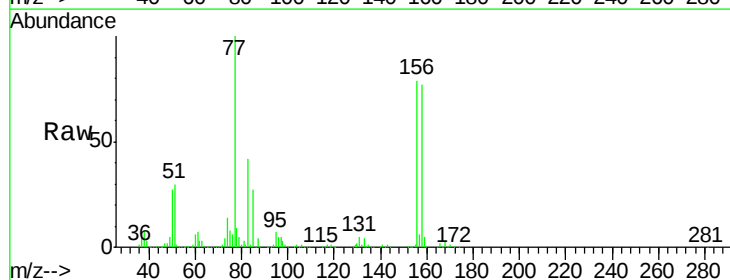
Instrument :
 MSVOA_X
 ClientSampled :
 S22-0037MS

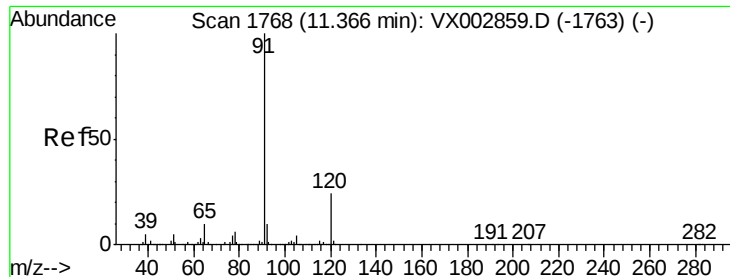
Tot Ion: 75 Resp: 266686
 Ion Ratio Lower Upper
 75 100
 77 32.4 22.8 68.3



#77
 Bromobenzene
 Concen: 50.24 ug/l
 RT: 11.26 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: VX003092.D
 Acq: 30 Jun 2018 21:09

Tgt Ion: 156 Resp: 216170
 Ion Ratio Lower Upper
 156 100
 77 137.3 71.4 214.2
 158 98.0 48.9 146.6





#78

n-propylbenzene

Concen: 65.06 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

ClientSampled :

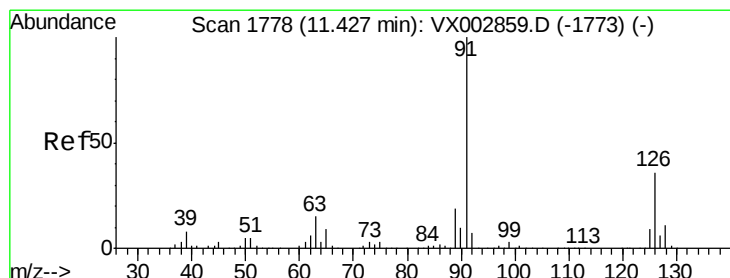
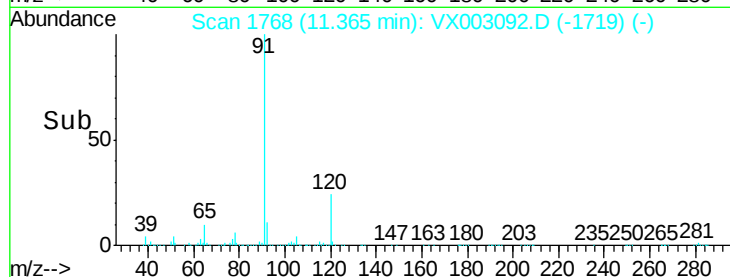
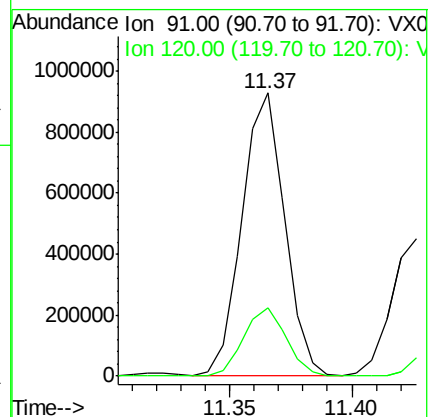
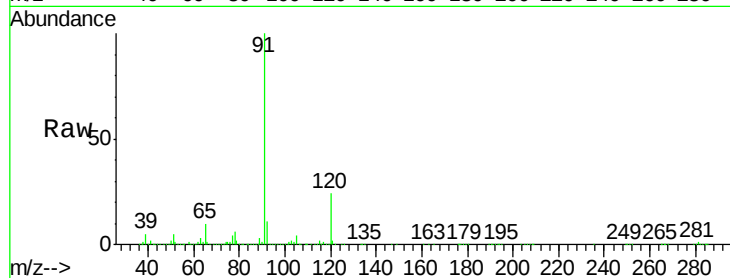
S22-0037MS

Tot Ion: 91 Resp: 1119071

Ion Ratio Lower Upper

91 100

120 24.2 11.8 35.4



#79

2-Chlorotoluene

Concen: 61.56 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003092.D

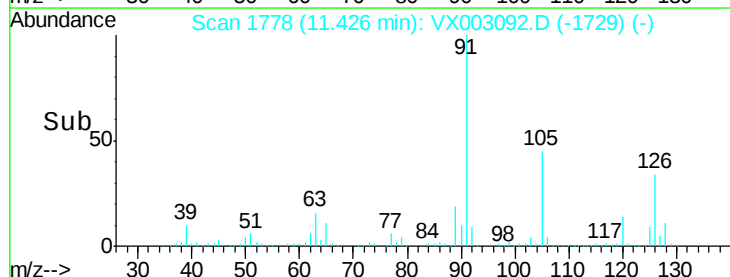
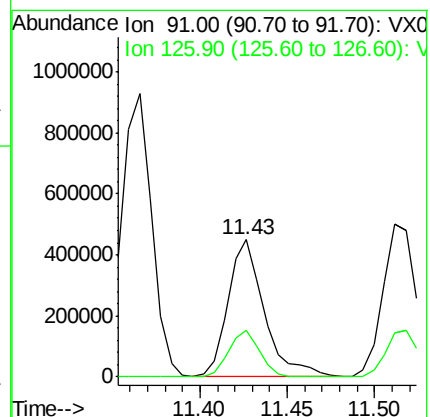
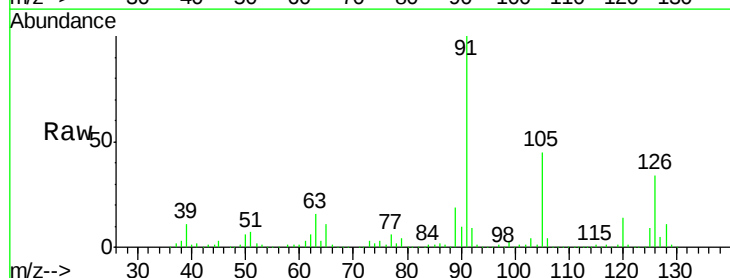
Acq: 30 Jun 2018 21:09

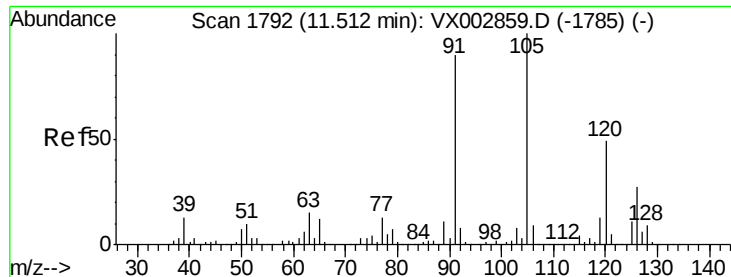
Tgt Ion: 91 Resp: 641005

Ion Ratio Lower Upper

91 100

126 29.6 17.7 53.1

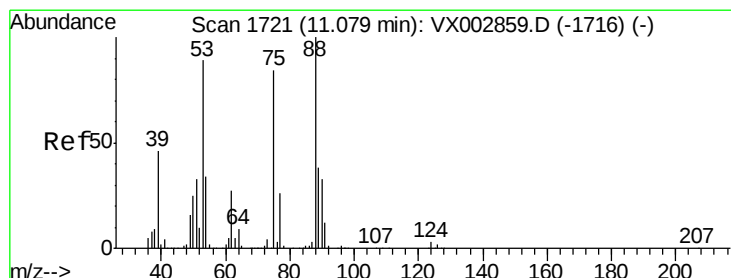
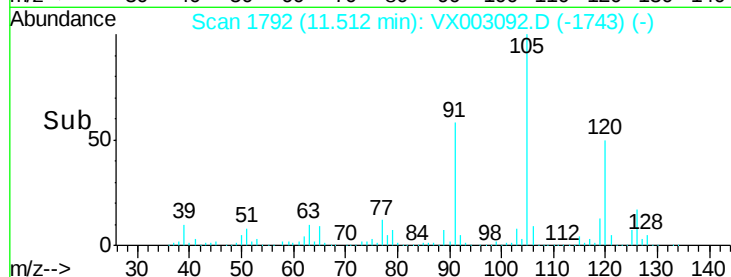
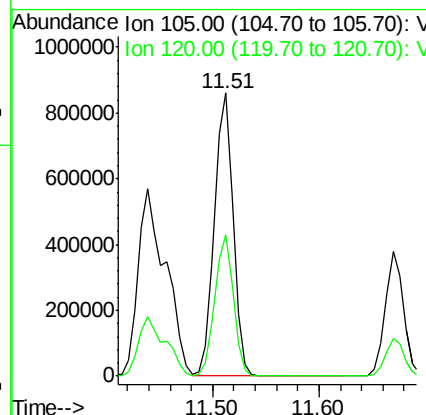
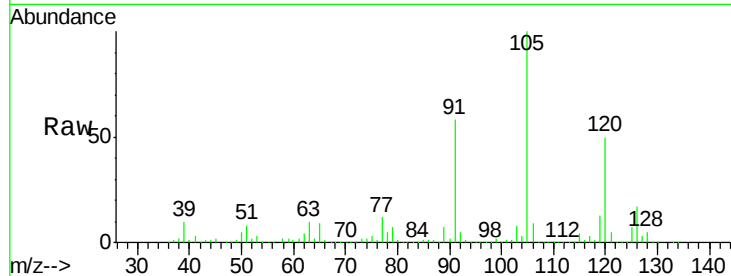




#80
 1,3,5-Trimethylbenzene
 Concen: 81.34 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX003092.D
 Acq: 30 Jun 2018 21:09

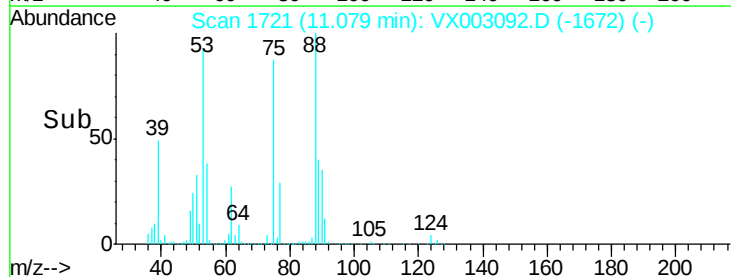
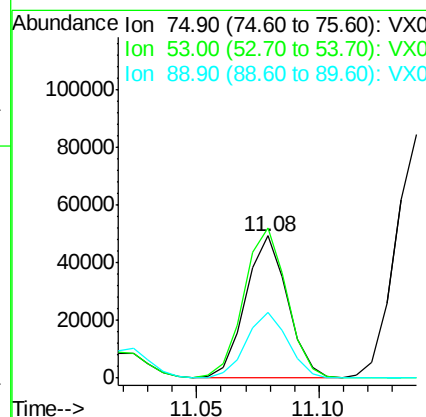
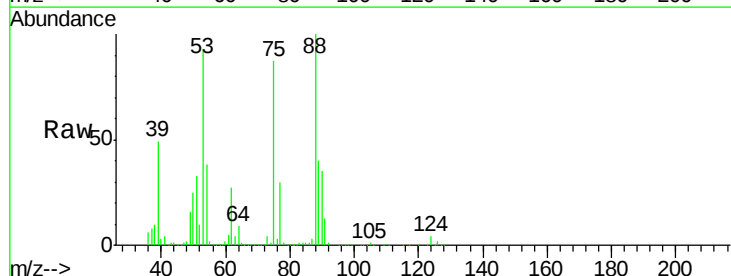
Instrument :
 MSVOA_X
 ClientSampleId :
 S22-0037MS

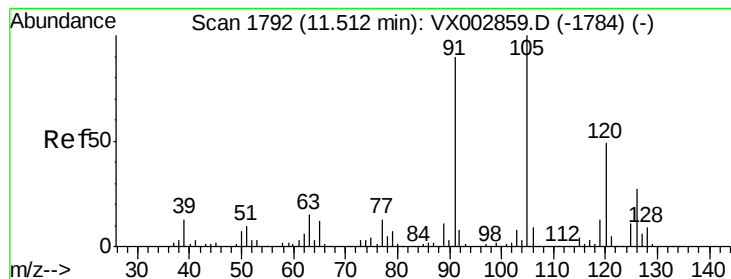
Tot Ion:105 Resp: 1035117
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 41.93 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: VX003092.D
 Acq: 30 Jun 2018 21:09

Tgt Ion: 75 Resp: 57973
 Ion Ratio Lower Upper
 75 100
 53 109.1 86.8 130.2
 89 46.9 38.2 57.2





#82

4-Chlorotoluene

Concen: 52.95 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

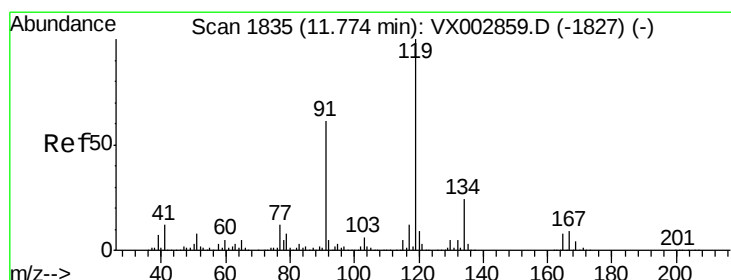
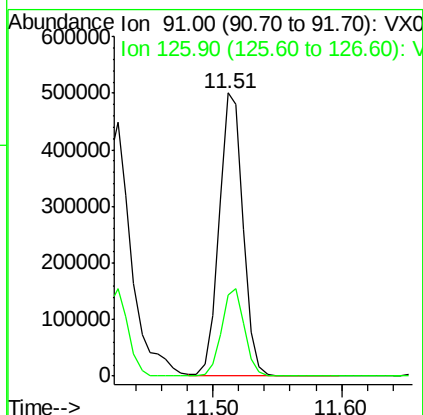
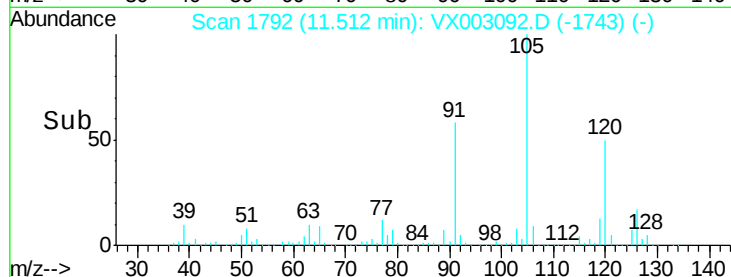
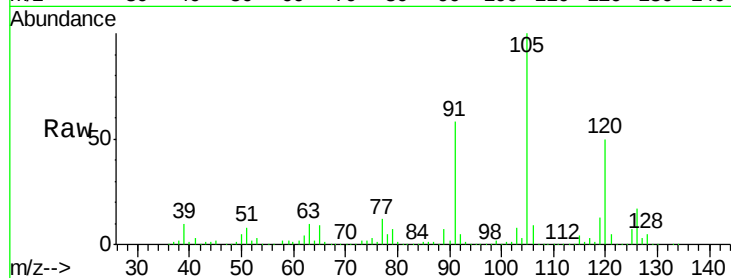
S22-0037MS

Tot Ion: 91 Resp: 652754

Ion Ratio Lower Upper

91 100

126 29.7 15.4 46.4



#83

tert-Butylbenzene

Concen: 53.01 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

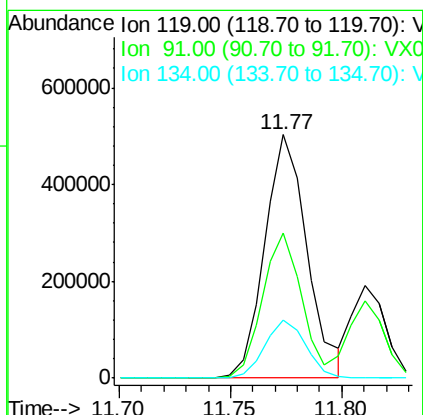
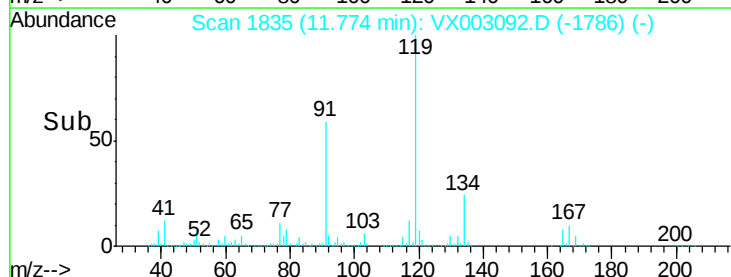
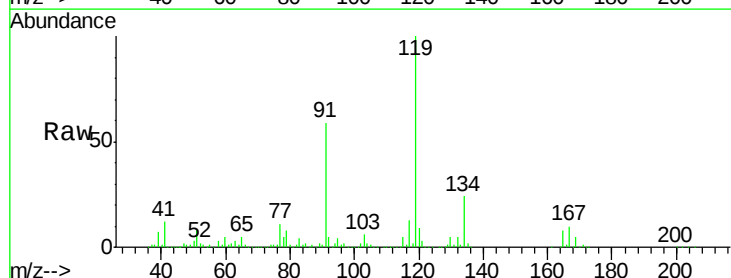
Tgt Ion: 119 Resp: 664908

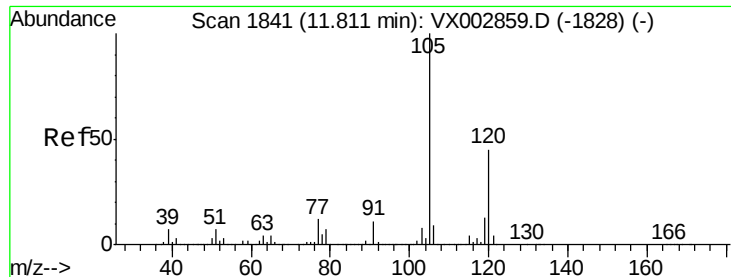
Ion Ratio Lower Upper

119 100

91 55.0 30.3 90.9

134 23.1 11.7 35.1





#84

1,2,4-Trimethylbenzene

Concen: 133.96 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

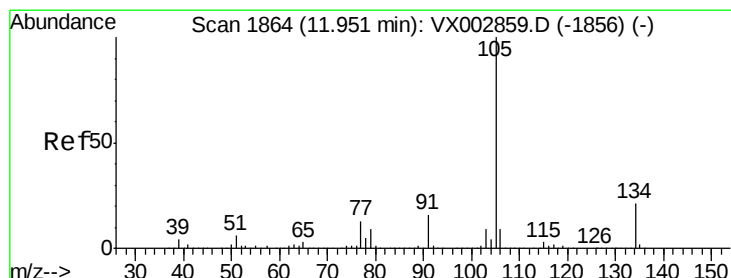
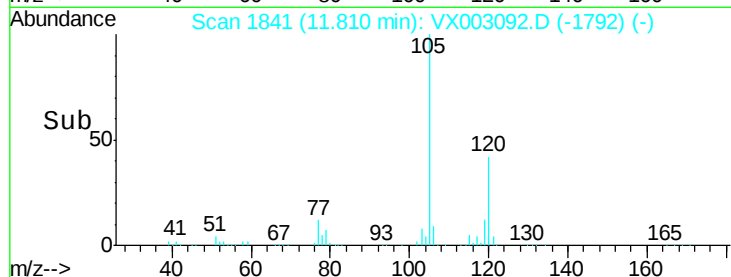
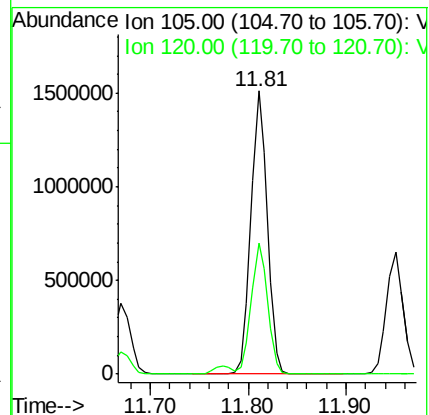
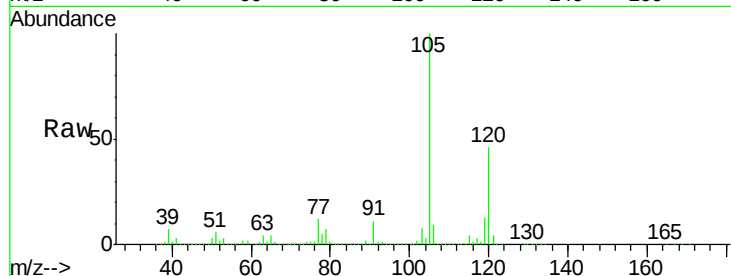
S22-0037MS

Tot Ion:105 Resp: 1766370

Ion Ratio Lower Upper

105 100

120 46.3 22.3 66.8



#85

sec-Butylbenzene

Concen: 50.94 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003092.D

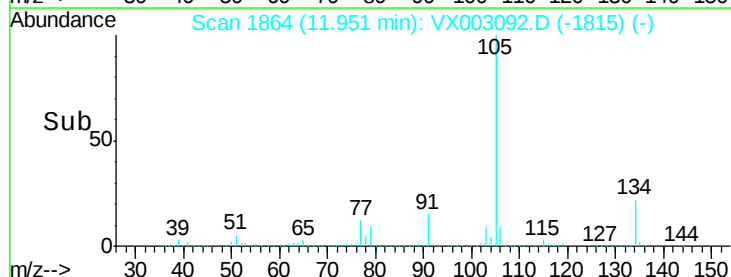
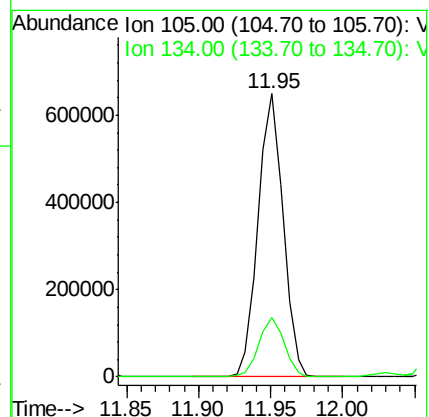
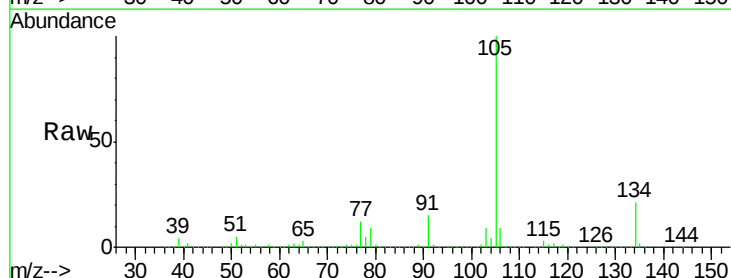
Acq: 30 Jun 2018 21:09

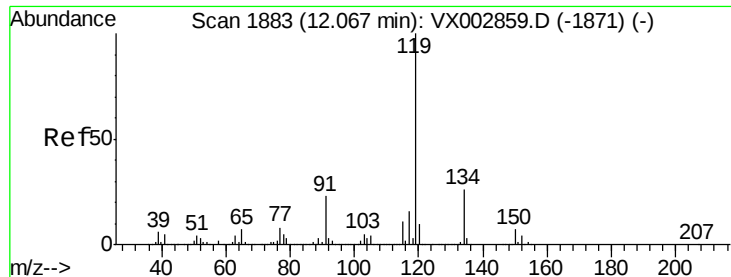
Tgt Ion:105 Resp: 775027

Ion Ratio Lower Upper

105 100

134 21.3 10.4 31.1

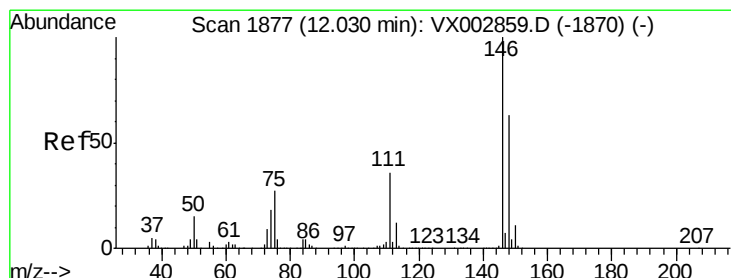
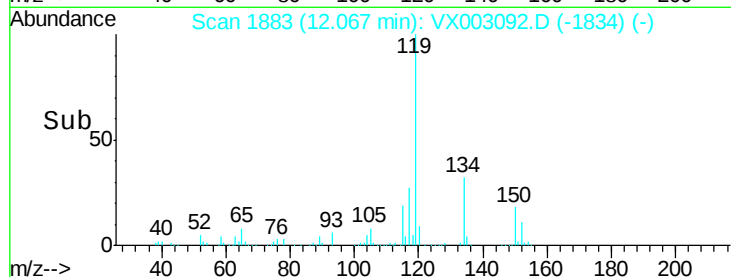
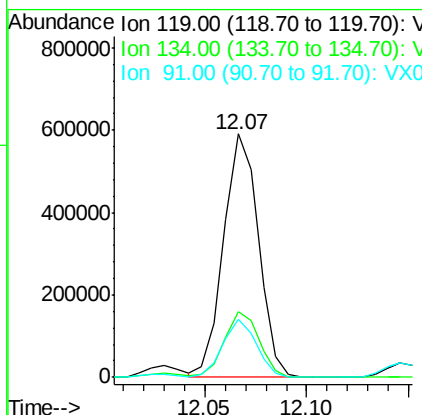
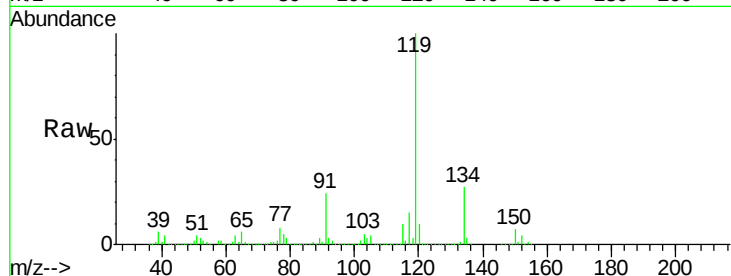




#86
p-Isopropyltoluene
Concen: 51.27 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

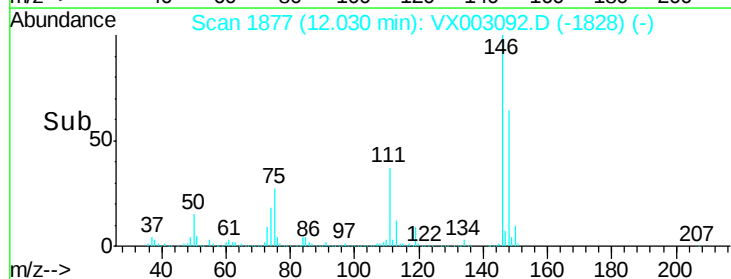
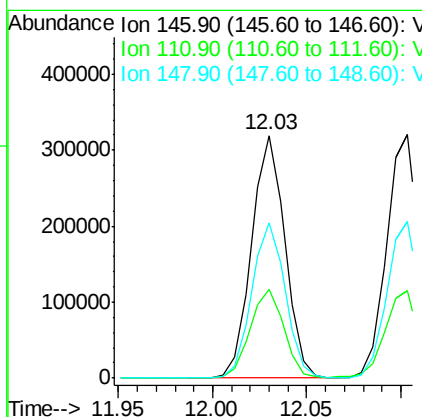
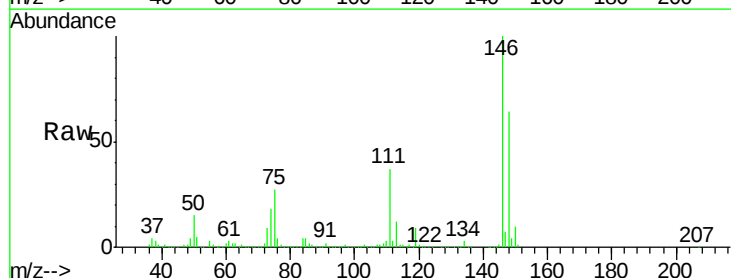
Instrument :
MSVOA_X
ClientSampleId :
S22-0037MS

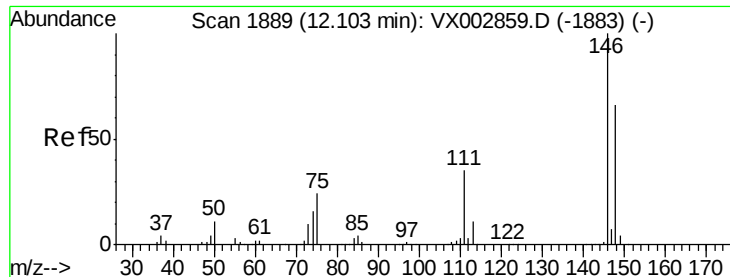
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.4	40.1
91	23.0	11.9	35.7



#87
1,3-Dichlorobenzene
Concen: 49.84 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.9	56.7
148	64.4	32.1	96.3

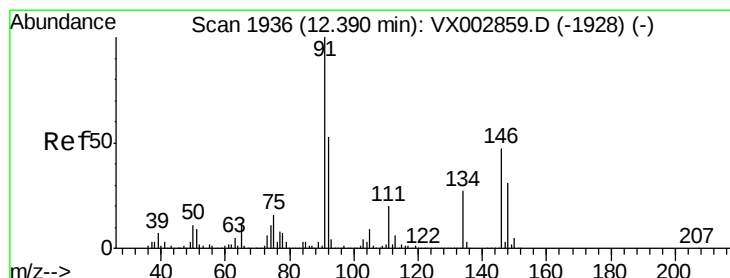
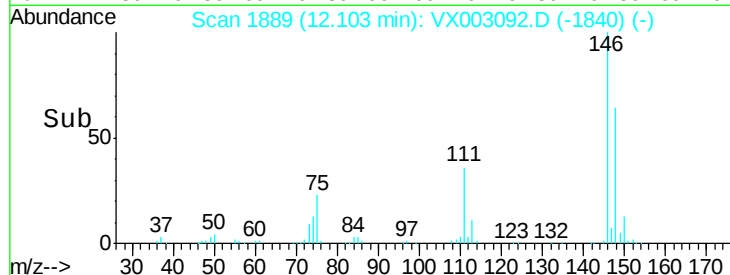
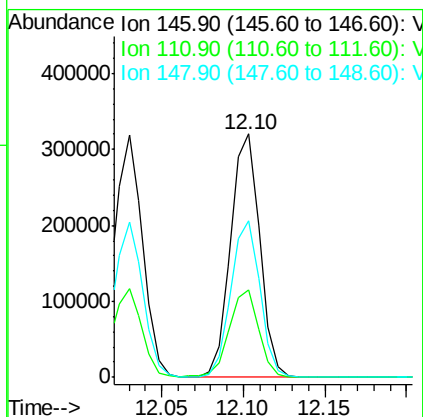
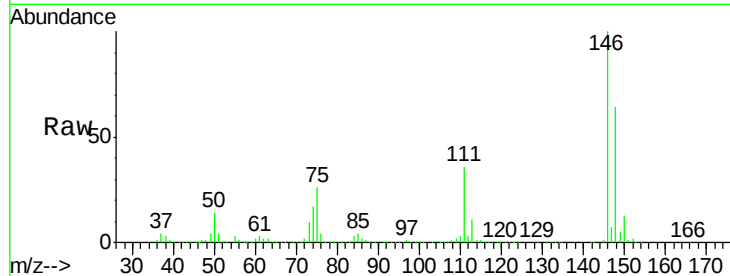




#88
 1,4-Dichlorobenzene
 Concen: 49.13 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX003092.D
 Acq: 30 Jun 2018 21:09

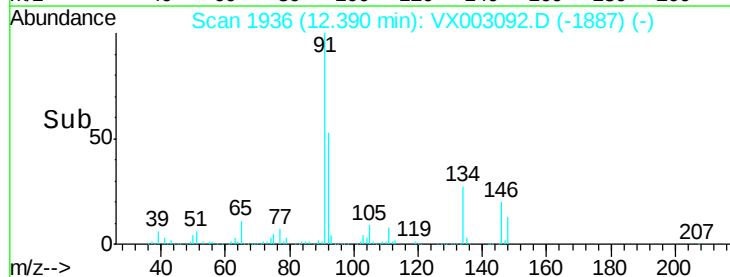
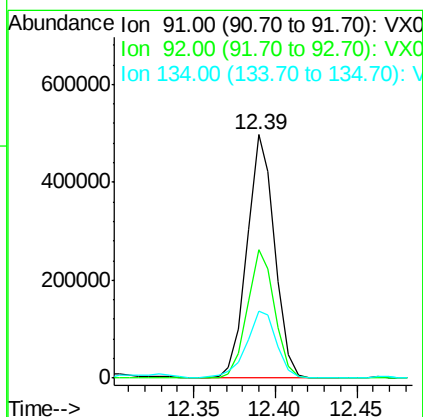
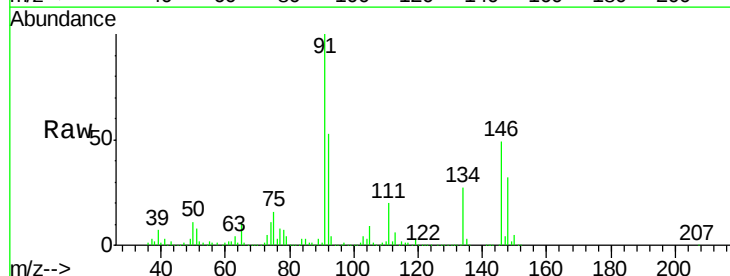
Instrument :
 MSVOA_X
 ClientSampled :
 S22-0037MS

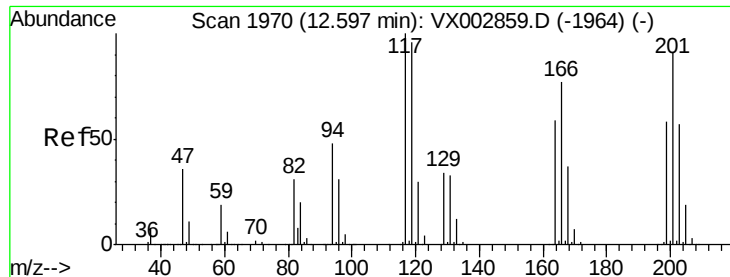
Tot Ion:146 Resp: 397339
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.7 56.1
 148 64.3 32.4 97.0



#89
 n-Butylbenzene
 Concen: 49.27 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX003092.D
 Acq: 30 Jun 2018 21:09

Tgt Ion: 91 Resp: 586573
 Ion Ratio Lower Upper
 91 100
 92 52.1 26.0 78.0
 134 30.3 13.5 40.5





#90

Hexachloroethane

Concen: 51.05 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

ClientSampled :

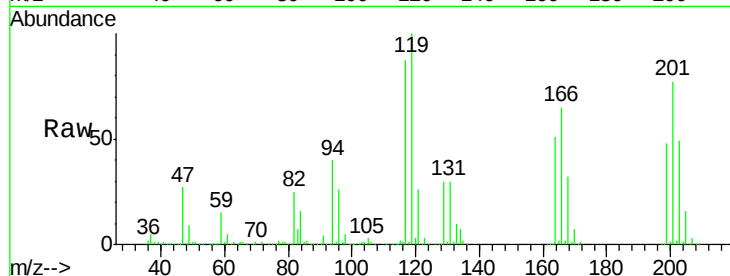
S22-0037MS

Tot Ion:117 Resp: 103878

Ion Ratio Lower Upper

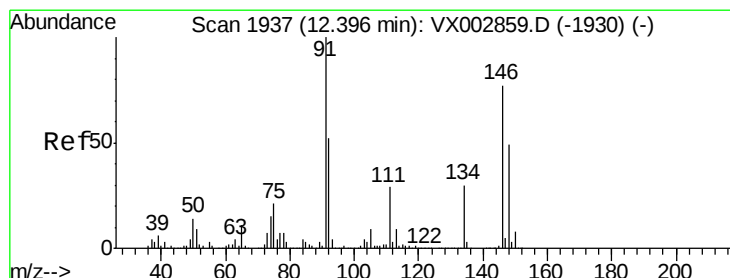
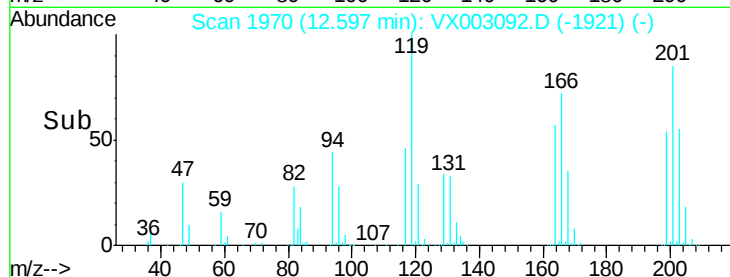
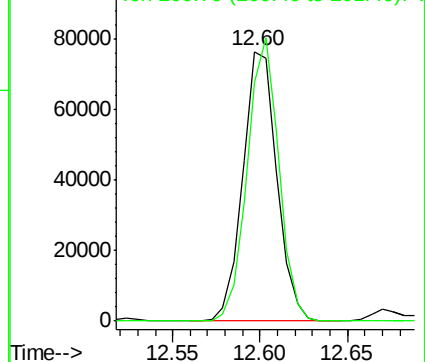
117 100

201 96.7 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: 50.17 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

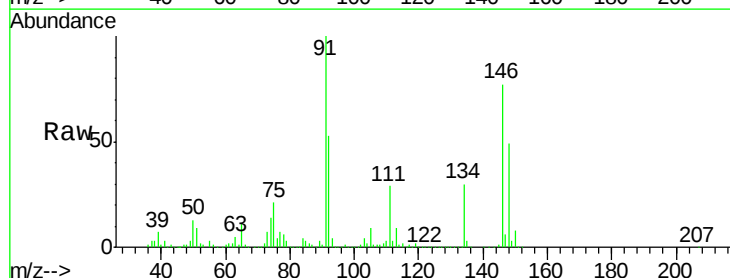
Tgt Ion:146 Resp: 397933

Ion Ratio Lower Upper

146 100

111 38.5 19.4 58.1

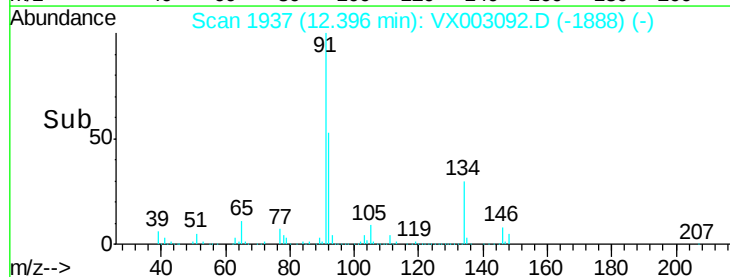
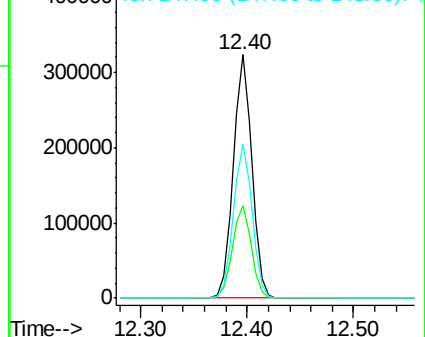
148 64.1 31.7 95.1

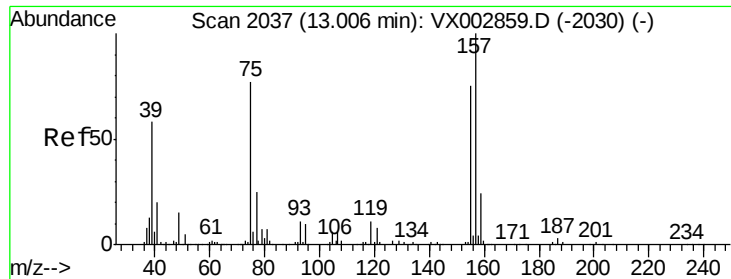


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

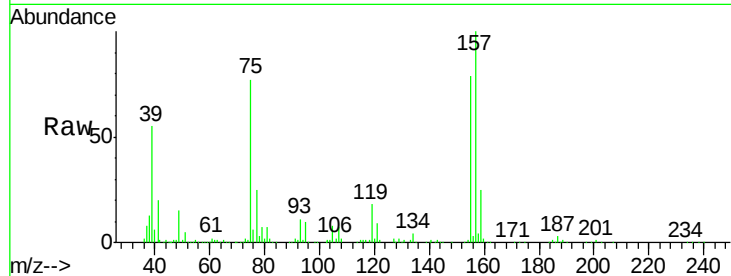




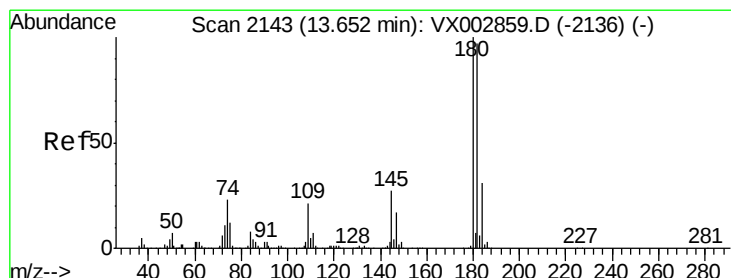
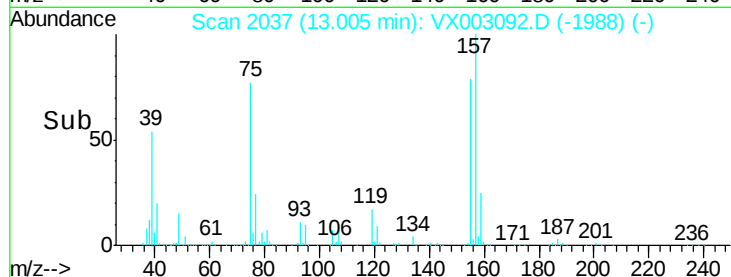
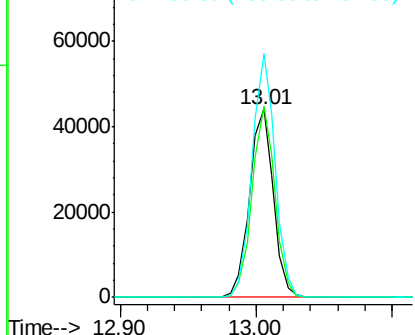
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.71 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX003092.D
 Acq: 30 Jun 2018 21:09

Instrument :
 MSVOA_X
 ClientSampleId :
 S22-0037MS

Tot Ion: 75 Resp: 54110
 Ion Ratio Lower Upper
 75 100
 155 97.9 45.8 137.4
 157 125.7 60.1 180.3

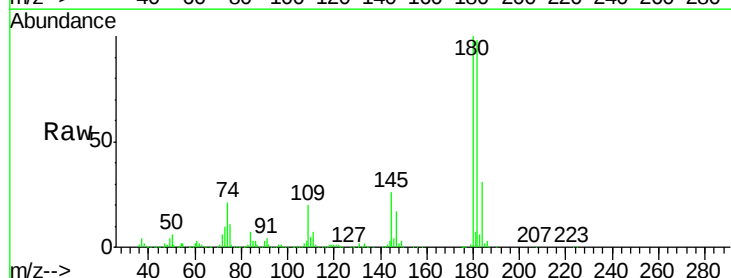


Abundance Ion 74.90 (74.60 to 75.60): VX
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

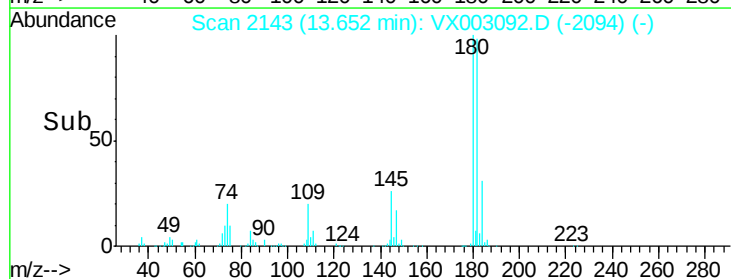
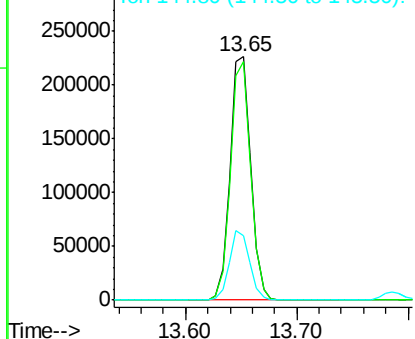


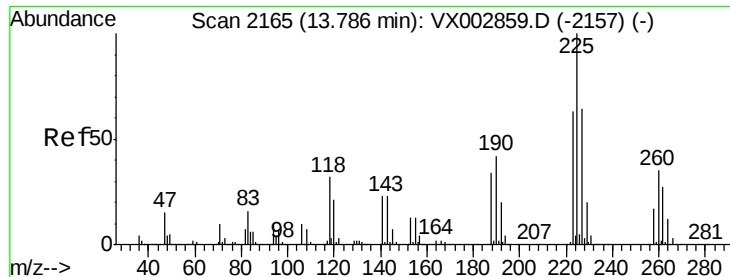
#93
 1,2,4-Trichlorobenzene
 Concen: 49.89 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003092.D
 Acq: 30 Jun 2018 21:09

Tgt Ion:180 Resp: 288015
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.7 143.1
 145 27.9 14.1 42.4



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





#94

Hexachlorobutadiene

Concen: 47.68 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

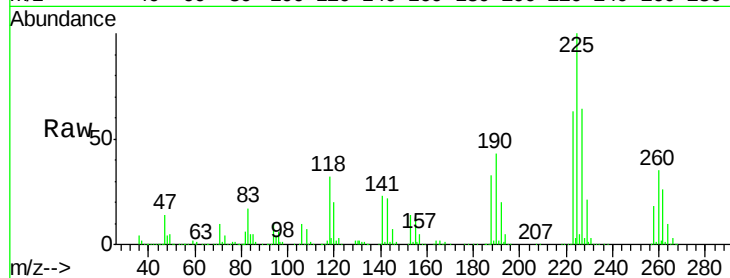
MSVOA_X

ClientSampled :

S22-0037MS

Tot Ion:225 Resp: 137279

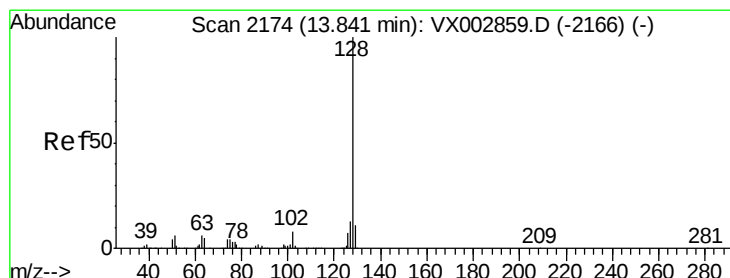
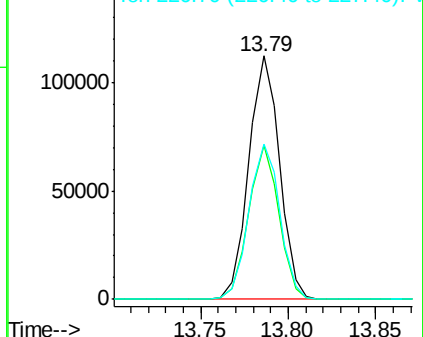
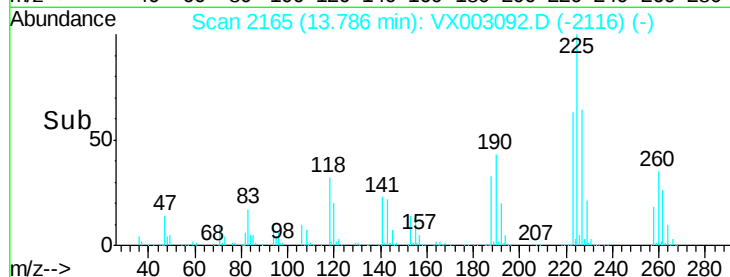
Ion	Ratio	Lower	Upper
225	100		
223	61.8	31.6	95.0
227	64.2	32.4	97.2



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: 64.23 ug/l

RT: 13.84 min Scan# 2174

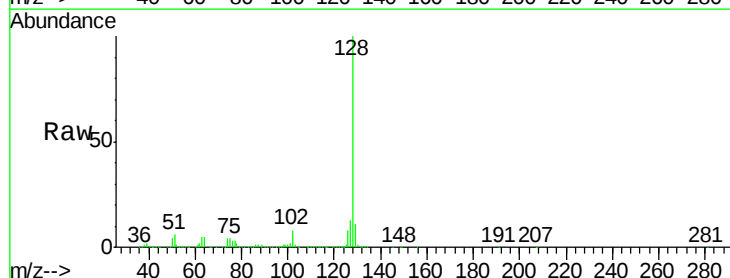
Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Tgt Ion:128 Resp: 987634

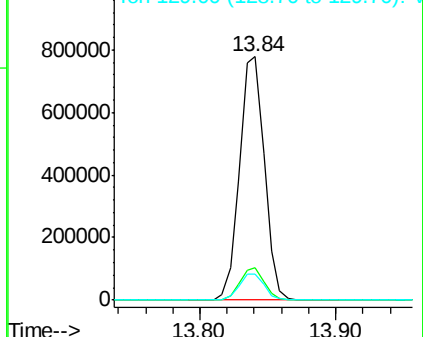
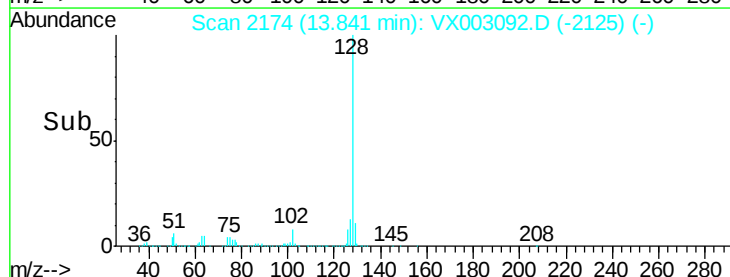
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.9	8.6	13.0

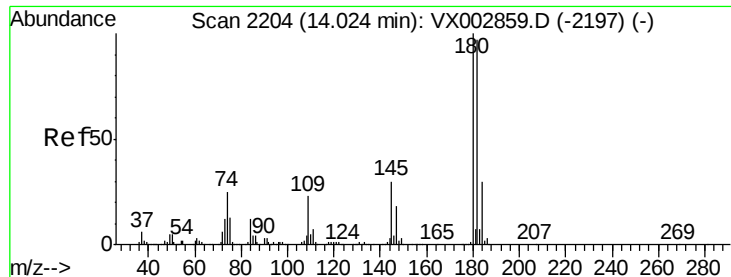


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 51.60 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX003092.D
 Acq: 30 Jun 2018 21:09

Instrument :
 MSVOA_X
 ClientSampleId :
 S22-0037MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.0	144.0
145	29.8	14.8	44.3

