

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111418\
 Data File : VX005984.D
 Acq On : 14 Nov 2018 19:42
 Operator : JC/MD
 Sample : J5925-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-6S

Quant Time: Nov 15 00:26:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	132634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	188689	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	169978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	82660	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	75169	49.30	ug/l	0.00
Spiked Amount			Recovery	=	98.60%	
35) Dibromofluoromethane	5.51	113	62616	48.79	ug/l	0.00
Spiked Amount			Recovery	=	97.58%	
50) Toluene-d8	8.71	98	228302	53.51	ug/l	0.00
Spiked Amount			Recovery	=	107.02%	
62) 4-Bromofluorobenzene	11.14	95	79616	51.90	ug/l	0.00
Spiked Amount			Recovery	=	103.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	345	0.220	ug/l #	87
5) Bromomethane	1.65	94	477	0.495	ug/l	92
6) Chloroethane	1.74	64	392	0.417	ug/l #	42
10) Methyl Iodide	2.51	142	448	0.307	ug/l #	85
11) Tert butyl alcohol	3.06	59	1024	2.344	ug/l	96
13) Acrolein	2.29	56	413	20.995	ug/l	95
15) Acrylonitrile	3.15	53	399	0.441	ug/l #	94
16) Acetone	2.45	43	17346	21.128	ug/l	100
17) Carbon Disulfide	2.57	76	2102	0.601	ug/l #	92
18) Methyl Acetate	2.78	43	1893	Below Cal		95
20) Methylene Chloride	2.86	84	16059	11.908	ug/l	92
21) trans-1,2-Dichloroethene	3.15	96	280	0.226	ug/l #	66
25) 2-Butanone	4.70	43	4537	3.515	ug/l	91
29) Tetrahydrofuran	5.17	42	612	0.738	ug/l #	69
30) Chloroform	5.22	83	504	0.213	ug/l #	80
31) Cyclohexane	5.66	56	2284	1.075	ug/l #	1
38) Carbon Tetrachloride	5.67	117	11948	6.561	ug/l #	15
40) Benzene	6.15	78	2196	0.414	ug/l	92
43) Isopropyl Acetate	6.46	43	9034	2.606	ug/l	98
48) Methyl methacrylate	7.68	41	4926	3.165	ug/l #	16
51) 4-Methyl-2-Pentanone	8.62	43	38979	17.844	ug/l #	51
52) Toluene	8.79	92	608	0.205	ug/l	100
54) cis-1,3-Dichloropropene	8.62	75	17353	9.452	ug/l #	62
57) 1,3-Dichloropropane	9.54	76	4199	1.892	ug/l #	43
59) 2-Hexanone	9.54	43	61125	31.745	ug/l #	54
67) Ethyl Benzene	10.26	91	1535	0.281	ug/l	92
68) m/p-Xylenes	10.36	106	1399	0.672	ug/l	93
69) o-Xylene	10.70	106	1381	0.739	ug/l	100
74) N-amyl acetate	10.88	43	177	1.315	ug/l #	44
76) 1,2,3-Trichloropropane	11.13	75	39076	23.216	ug/l #	36
78) n-propylbenzene	11.36	91	1172	0.208	ug/l	97
79) 2-Chlorotoluene	11.42	91	754	0.221	ug/l	86
80) 1,3,5-Trimethylbenzene	11.51	105	2272	0.559	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.13	75	39076	73.994	ug/l #	9

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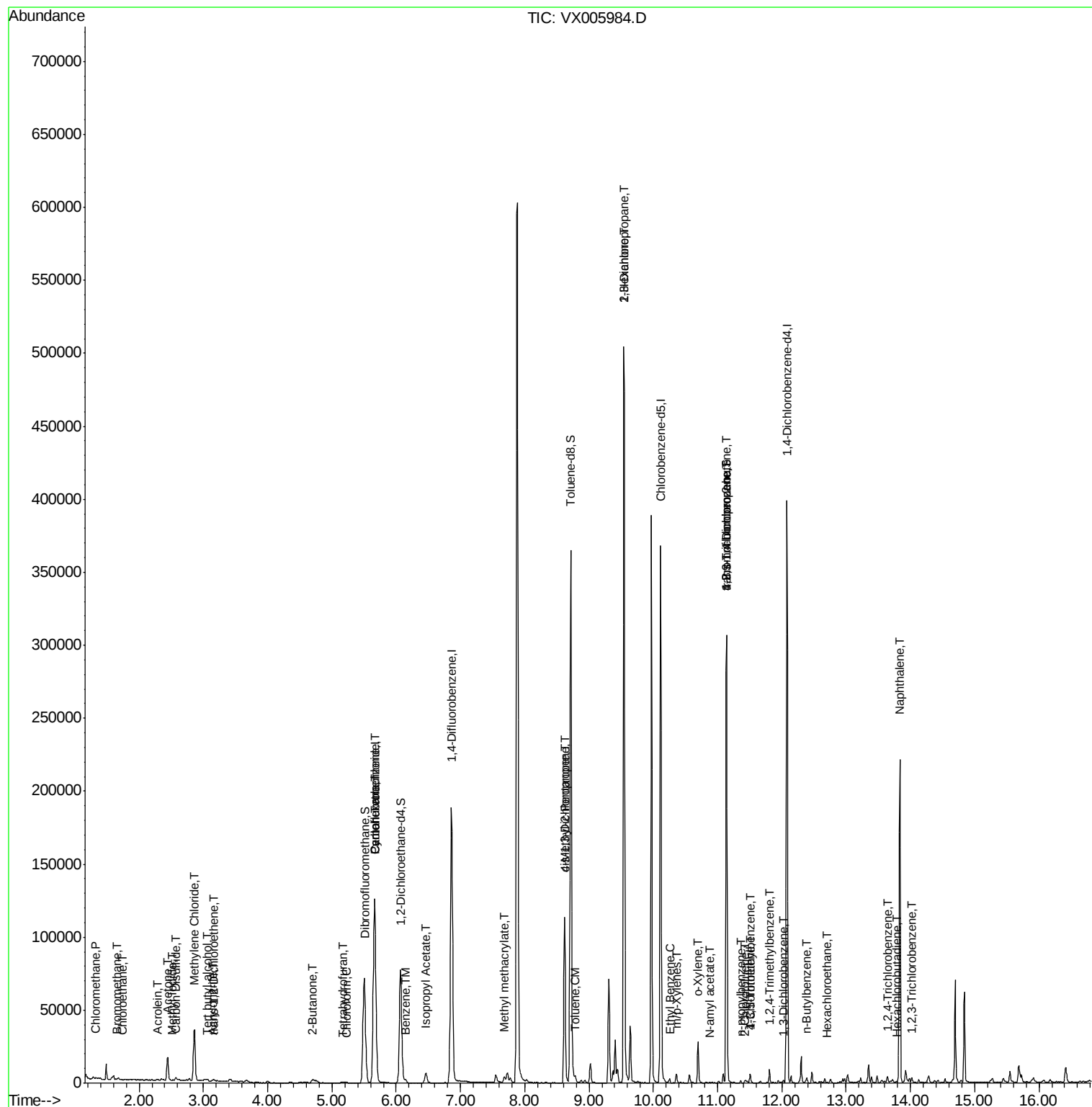
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	11.51	91	847	0.211	ug/l	86
84) 1,2,4-Trimethylbenzene	11.81	105	4083	0.793	ug/l	96
87) 1,3-Dichlorobenzene	12.03	146	518	0.200	ug/l	89
89) n-Butylbenzene	12.39	91	1258	0.305	ug/l #	81
90) Hexachloroethane	12.70	117	259	0.349	ug/l #	2
93) 1,2,4-Trichlorobenzene	13.65	180	716	0.393	ug/l	93
94) Hexachlorobutadiene	13.78	225	268	0.280	ug/l	91
95) Naphthalene	13.83	128	131594	22.785	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	637	0.343	ug/l #	79

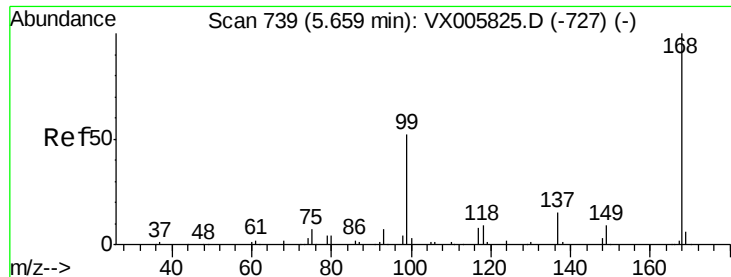
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005984.D

Acq: 14 Nov 2018 19:42

Instrument :

MSVOA_X

ClientSampleId :

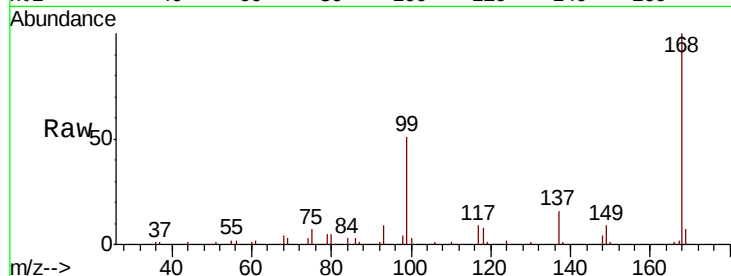
TP-6S

Tot Ion:168 Resp: 132634

Ion Ratio Lower Upper

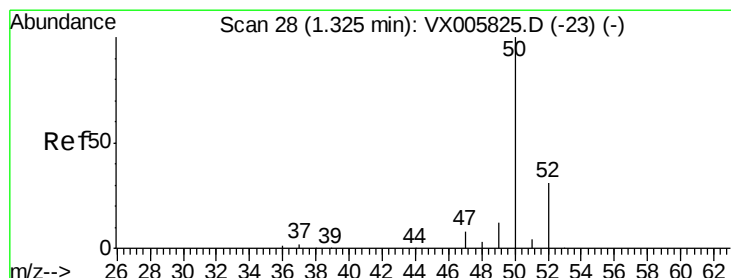
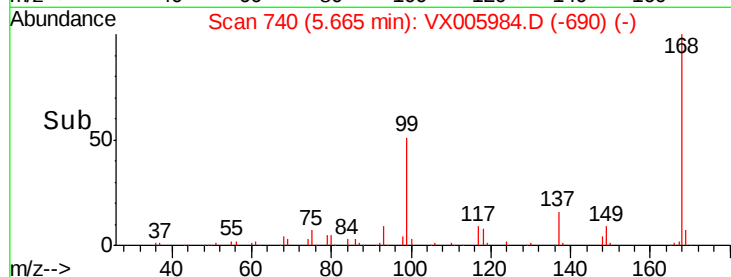
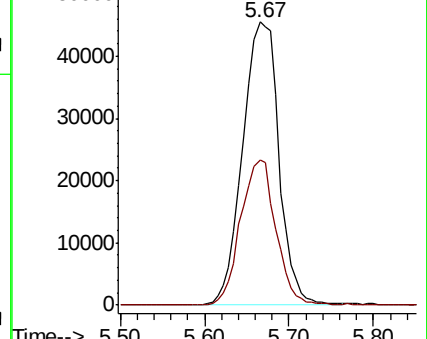
168 100

99 51.3 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.220 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX005984.D

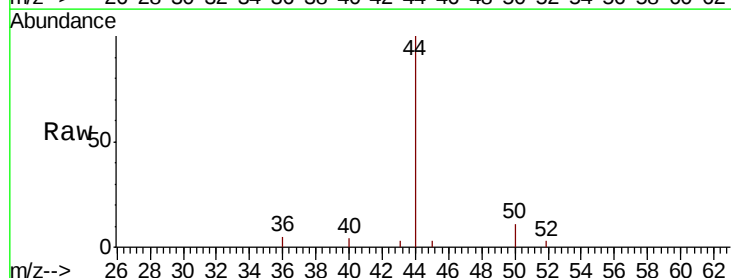
Acq: 14 Nov 2018 19:42

Tgt Ion: 50 Resp: 345

Ion Ratio Lower Upper

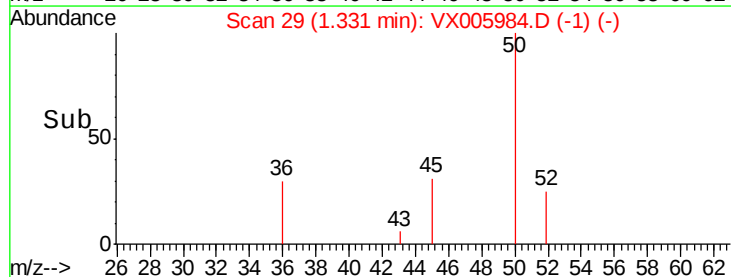
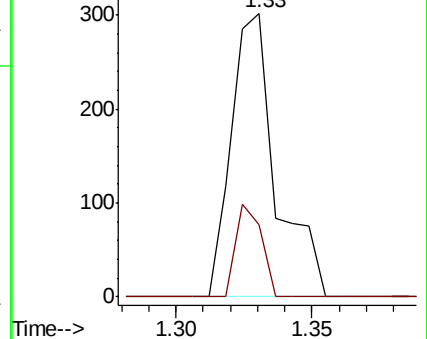
50 100

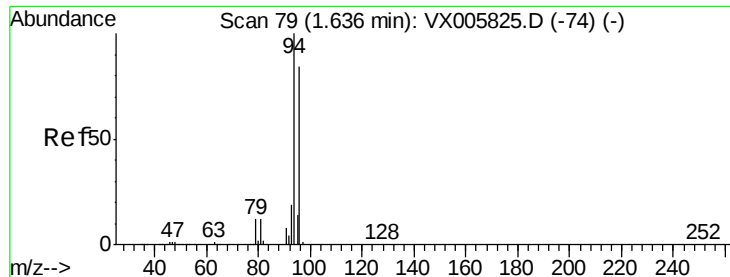
52 25.5 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.495 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX005984.D

Acq: 14 Nov 2018 19:42

Instrument :

MSVOA_X

ClientSampled :

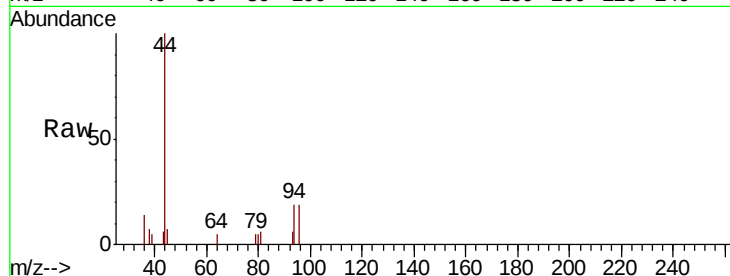
TP-6S

Tot Ion: 94 Resp: 477

Ion Ratio Lower Upper

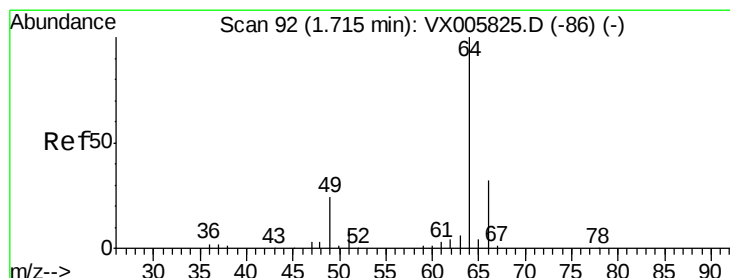
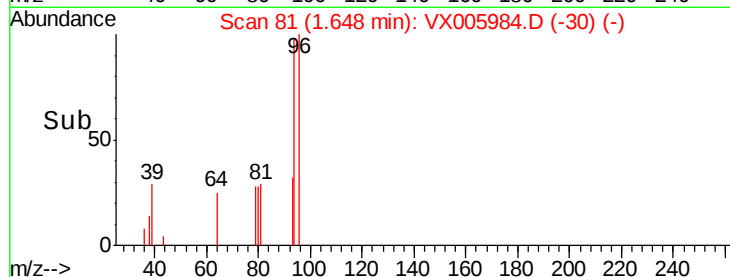
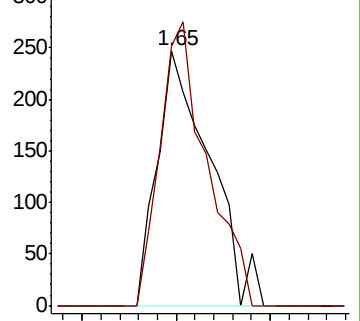
94 100

96 102.0 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.417 ug/l

RT: 1.74 min Scan# 96

Delta R.T. 0.02 min

Lab File: VX005984.D

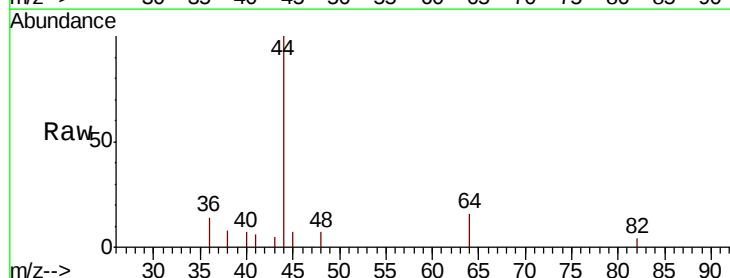
Acq: 14 Nov 2018 19:42

Tgt Ion: 64 Resp: 392

Ion Ratio Lower Upper

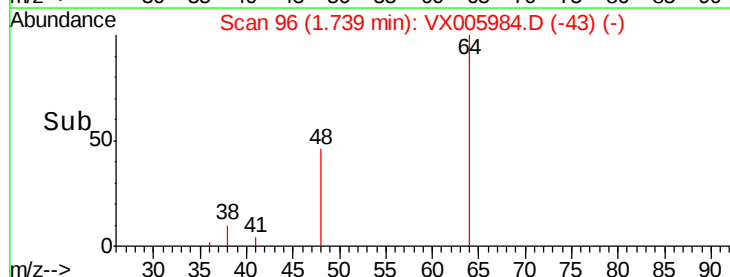
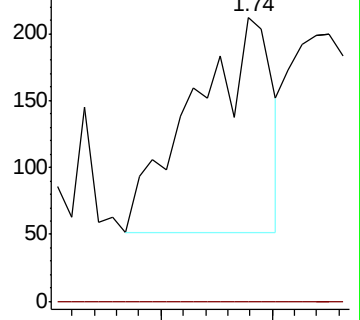
64 100

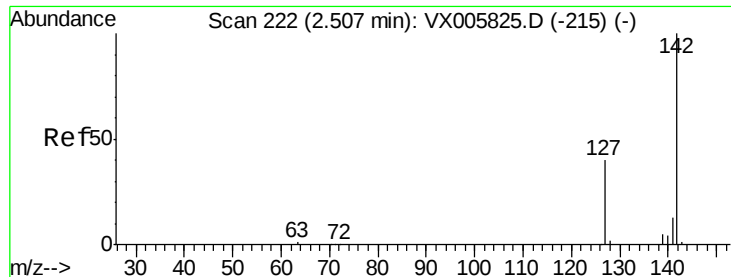
66 0.0 25.8 38.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

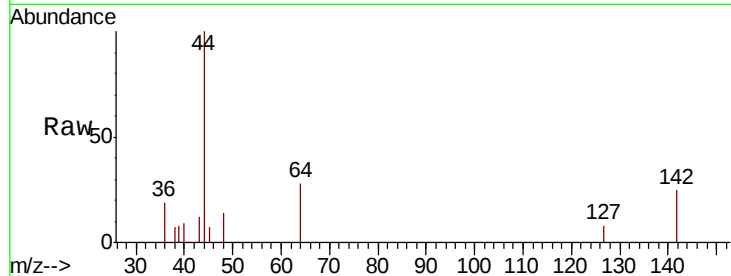




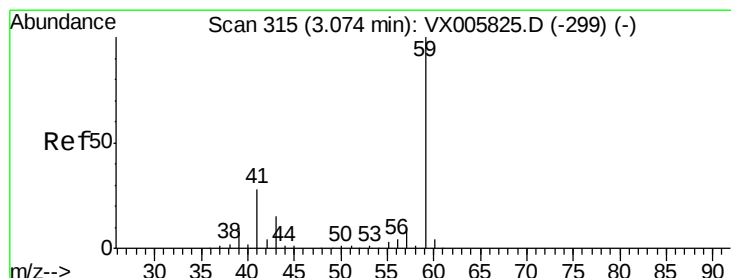
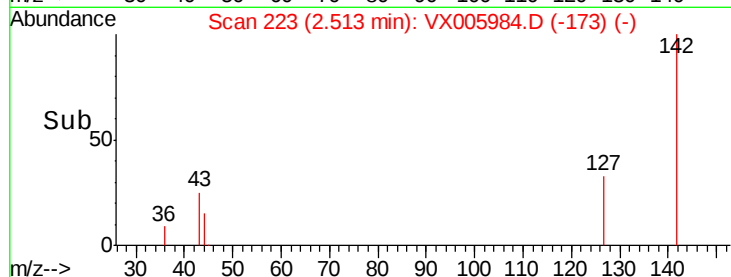
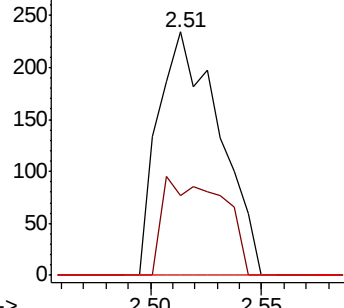
#10
Methvl Iodide
Concen: 0.307 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX005984.D
Acq: 14 Nov 2018 19:42

Instrument :
MSVOA_X
ClientSampled :
TP-6S

Tot Ion:142 Resp: 448
Ion Ratio Lower Upper
142 100
127 39.3 36.0 54.0
141 0.0 11.7 17.5#

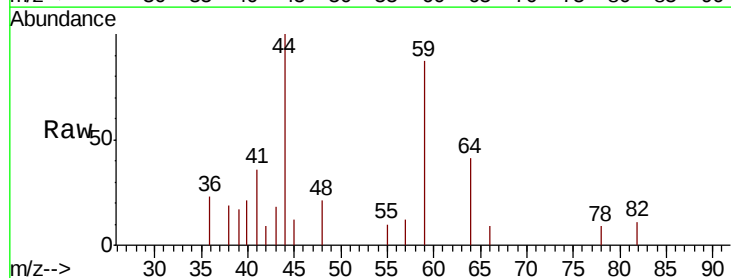


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

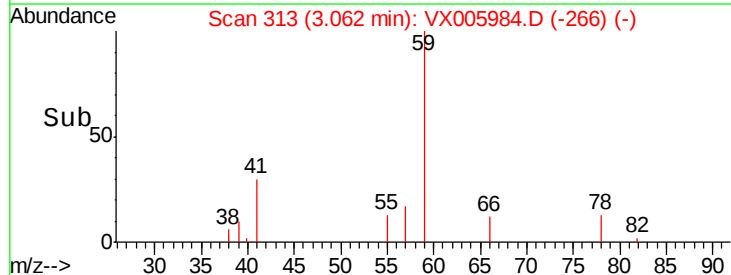
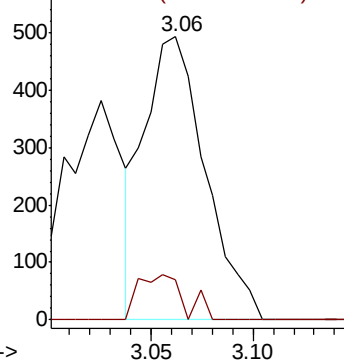


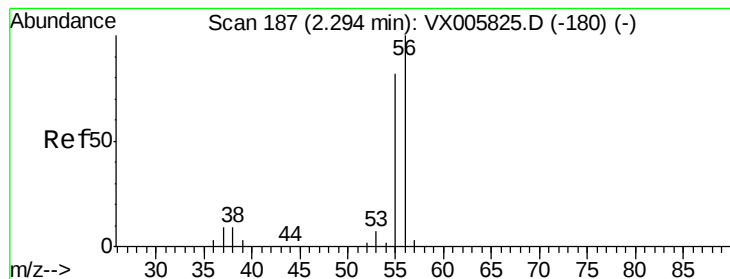
#11
Tert butyl alcohol
Concen: 2.344 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX005984.D
Acq: 14 Nov 2018 19:42

Tgt Ion: 59 Resp: 1024
Ion Ratio Lower Upper
59 100
57 12.1 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 20.995 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005984.D

Acq: 14 Nov 2018 19:42

Instrument :

MSVOA_X

ClientSampled :

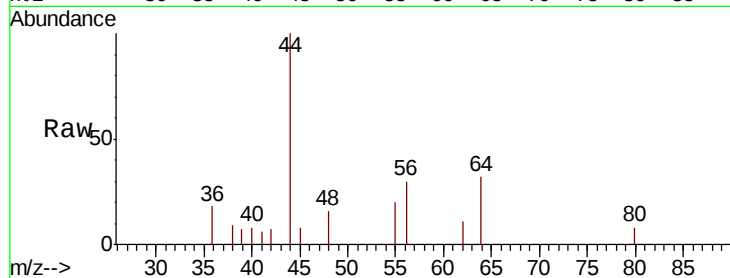
TP-6S

Tot Ion: 56 Resp: 413

Ion Ratio Lower Upper

56 100

55 67.8 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

250

200

150

100

50

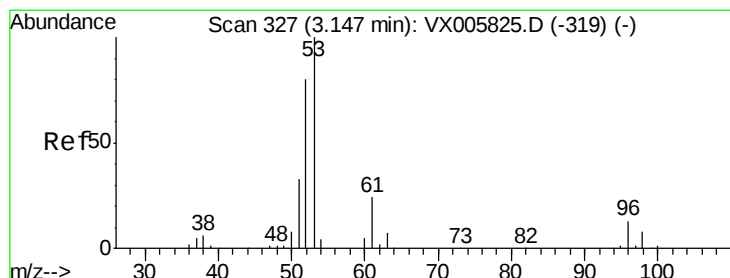
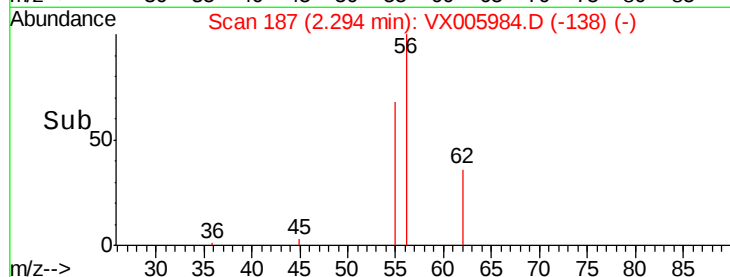
0

Time-->

2.25

2.30

2.35



#15

Acrylonitrile

Concen: 0.441 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX005984.D

Acq: 14 Nov 2018 19:42

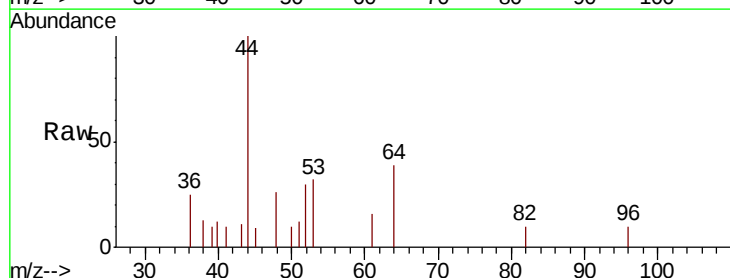
Tgt Ion: 53 Resp: 399

Ion Ratio Lower Upper

53 100

52 84.0 66.6 99.8

51 45.1 28.4 42.6#



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

250

200

150

100

50

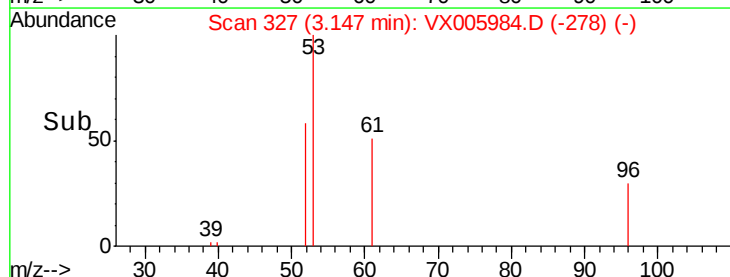
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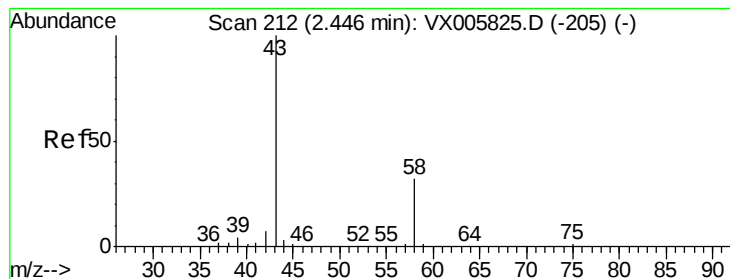
Time-->

3.10

3.15

3.20





#16

Acetone

Concen: 21.128 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005984.D

Acq: 14 Nov 2018 19:42

Instrument :

MSVOA_X

ClientSampleId :

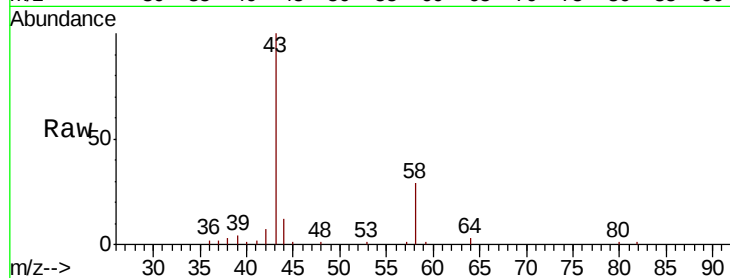
TP-6S

Tot Ion: 43 Resp: 17346

Ion Ratio Lower Upper

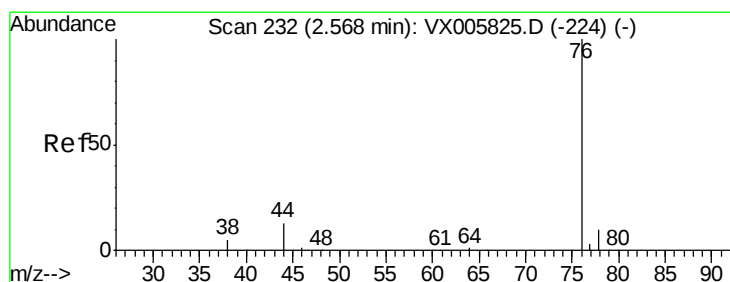
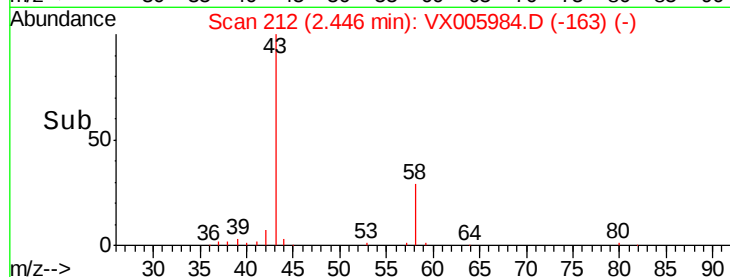
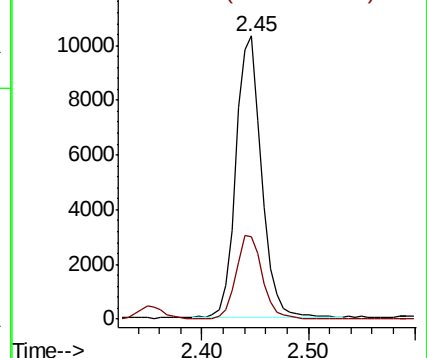
43 100

58 29.5 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.601 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005984.D

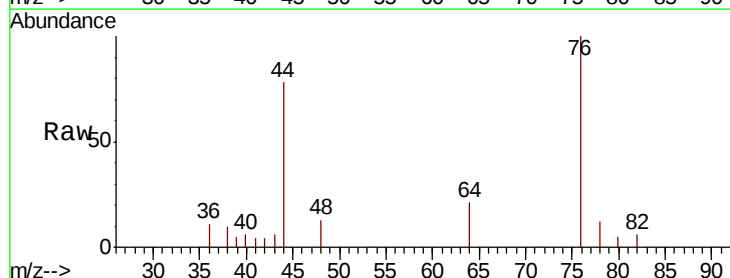
Acq: 14 Nov 2018 19:42

Tgt Ion: 76 Resp: 2102

Ion Ratio Lower Upper

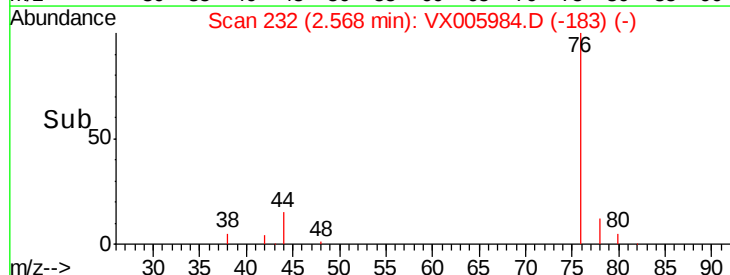
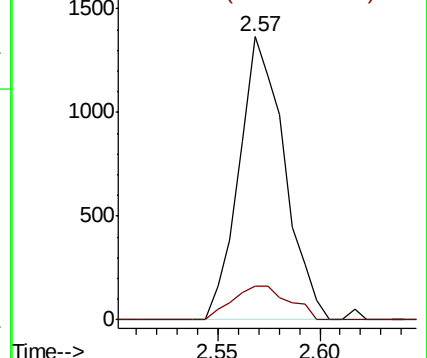
76 100

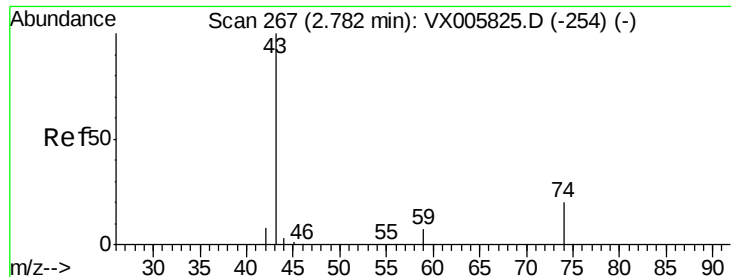
78 12.0 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

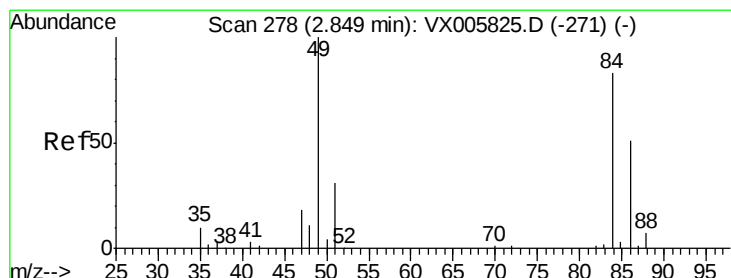
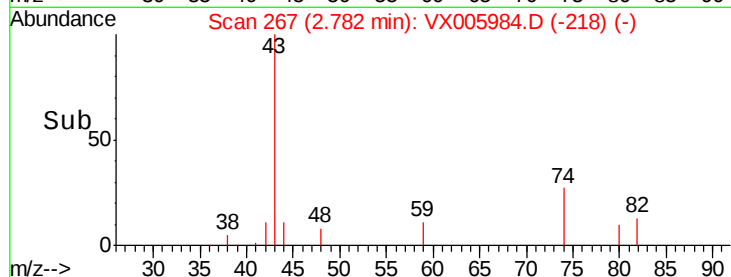
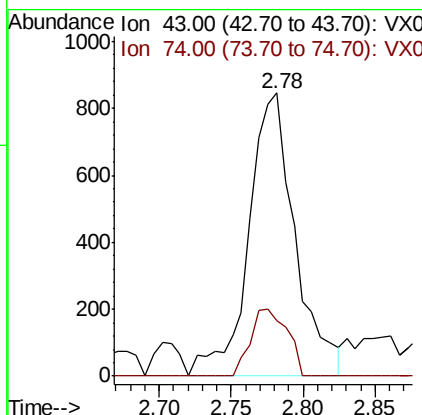
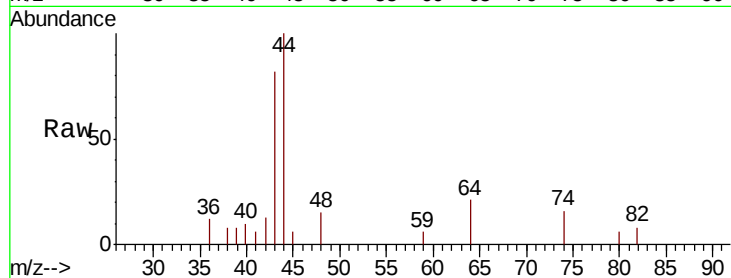




#18
Methyl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005984.D
Acq: 14 Nov 2018 19:42

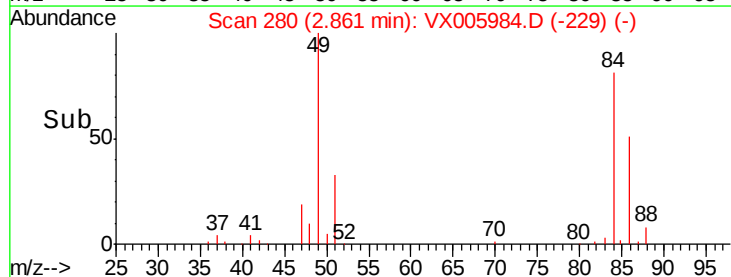
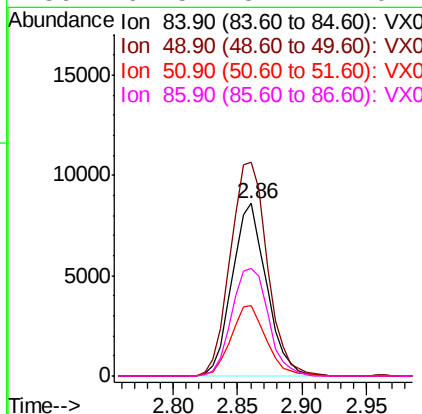
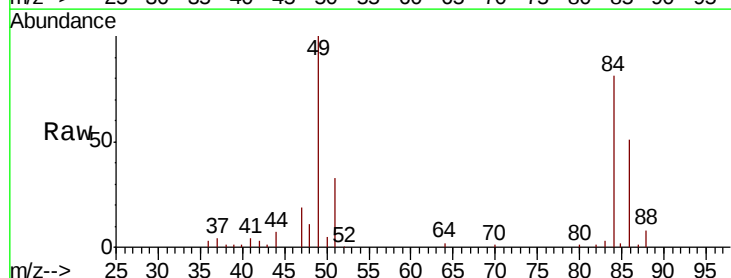
Instrument :
MSVOA_X
ClientSampleId :
TP-6S

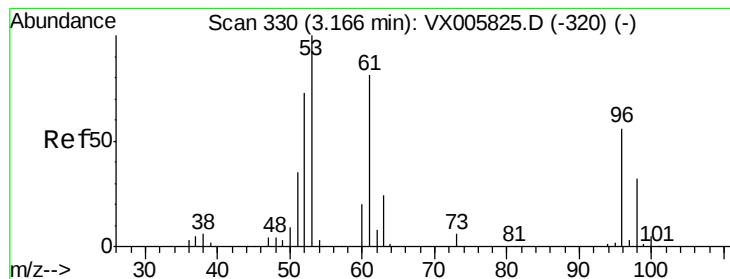
Tot Ion: 43 Resp: 1893
Ion Ratio Lower Upper
43 100
74 18.5 16.8 25.2



#20
Methylene Chloride
Concen: 11.908 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005984.D
Acq: 14 Nov 2018 19:42

Tgt Ion: 84 Resp: 16059
Ion Ratio Lower Upper
84 100
49 123.7 109.5 164.3
51 40.9 33.3 49.9
86 62.5 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 0.226 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX005984.D

Acq: 14 Nov 2018 19:42

Instrument :

MSVOA_X

ClientSampled :

TP-6S

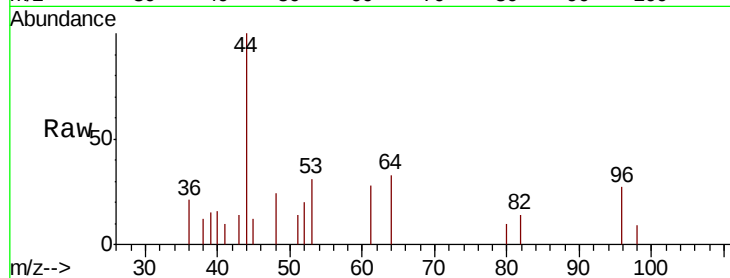
Tot Ion: 96 Resp: 280

Ion Ratio Lower Upper

96 100

61 104.5 115.6 173.4#

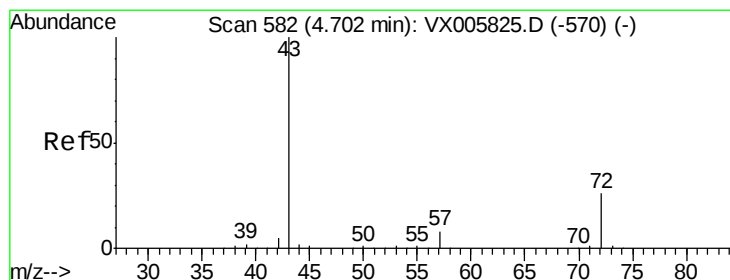
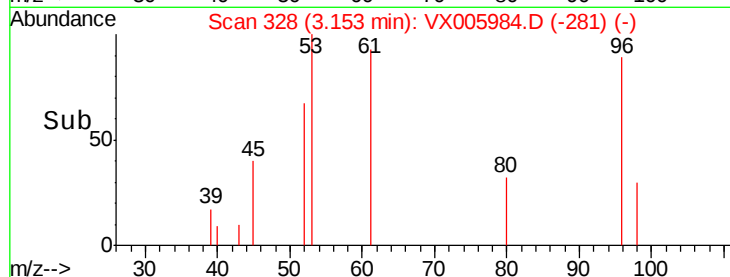
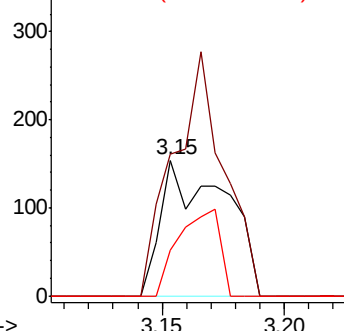
98 33.8 50.2 75.2#



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



#25

2-Butanone

Concen: 3.515 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005984.D

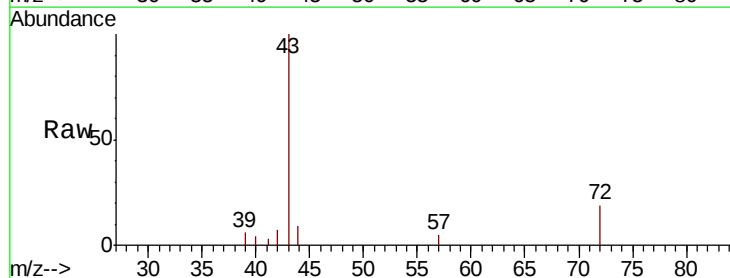
Acq: 14 Nov 2018 19:42

Tgt Ion: 43 Resp: 4537

Ion Ratio Lower Upper

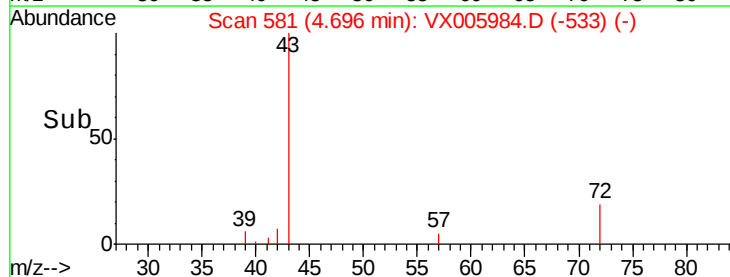
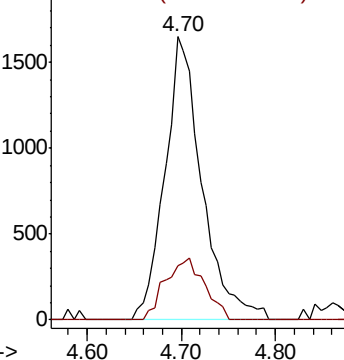
43 100

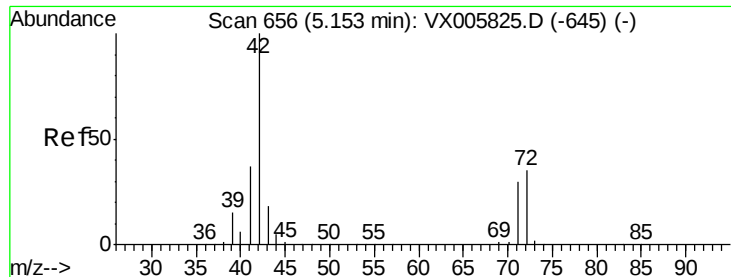
72 19.4 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#29

Tetrahydrofuran

Concen: 0.738 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX005984.D

Acq: 14 Nov 2018 19:42

Instrument :

MSVOA_X

ClientSampled :

TP-6S

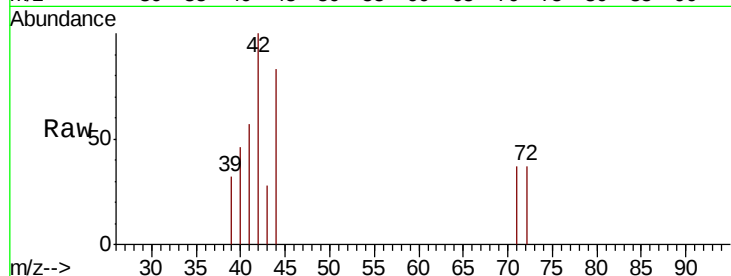
Tot Ion: 42 Resp: 612

Ion Ratio Lower Upper

42 100

72 23.7 32.0 48.0#

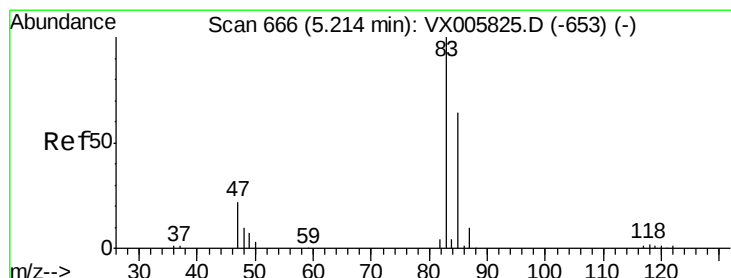
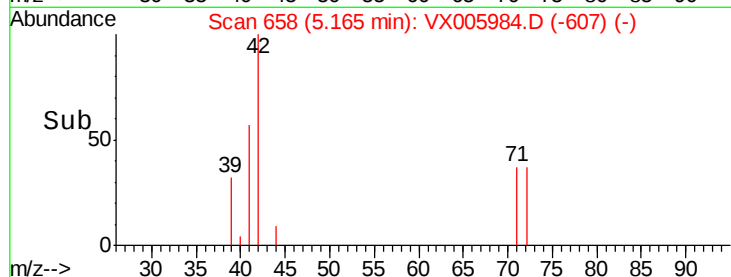
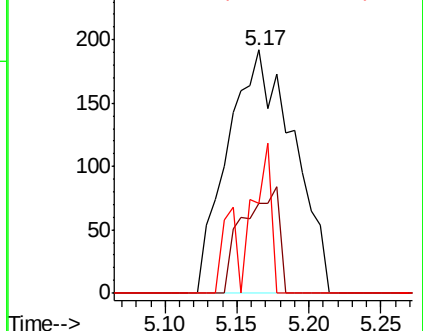
71 15.7 29.8 44.8#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 0.213 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX005984.D

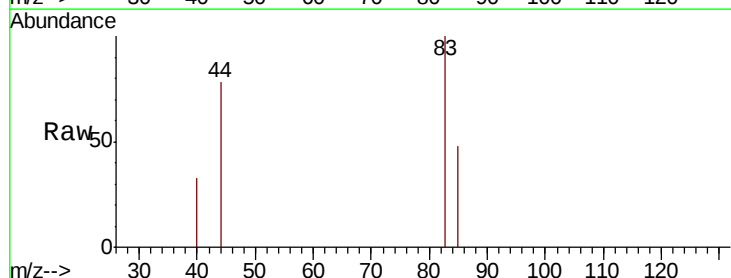
Acq: 14 Nov 2018 19:42

Tgt Ion: 83 Resp: 504

Ion Ratio Lower Upper

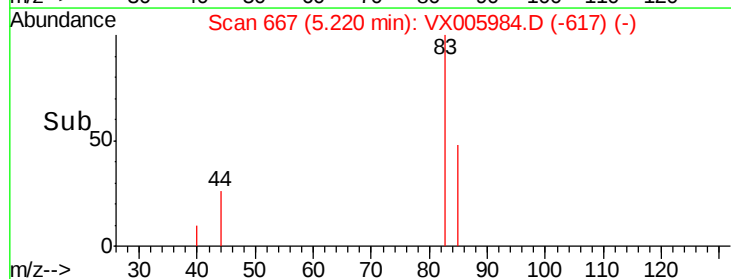
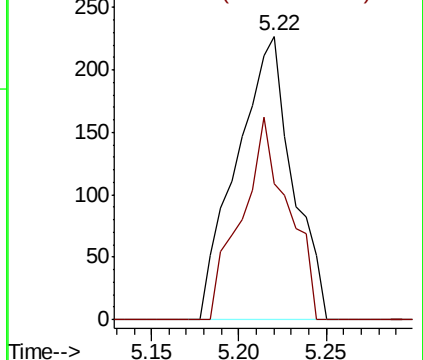
83 100

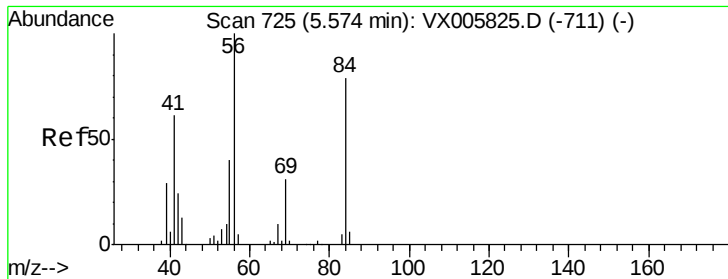
85 48.0 50.6 76.0#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

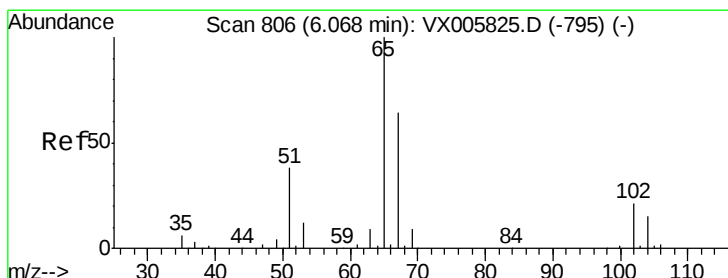
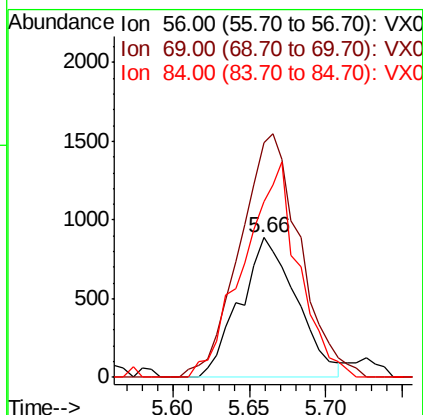
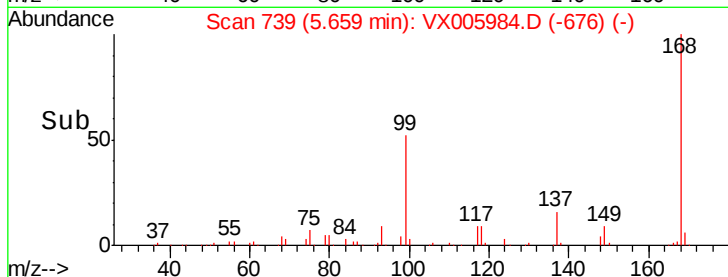
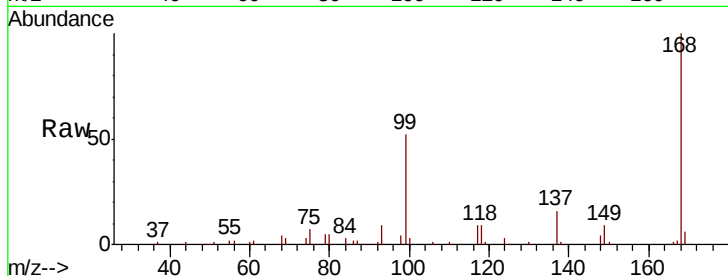




#31
Cyclohexane
Concen: 1.075 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX005984.D
Acq: 14 Nov 2018 19:42

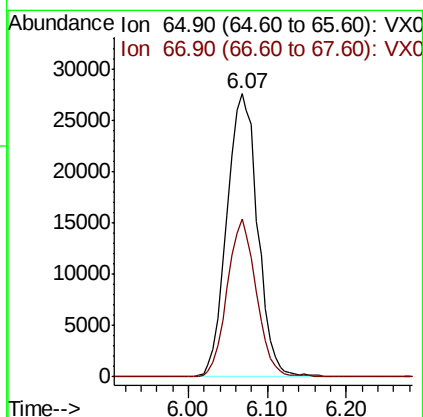
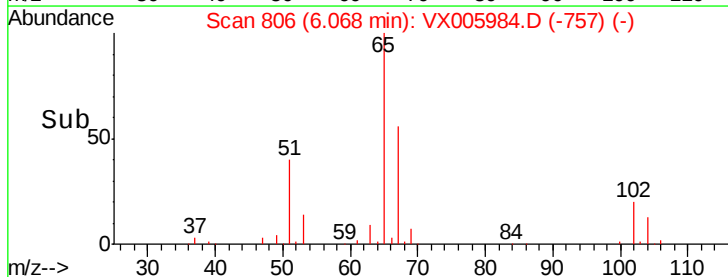
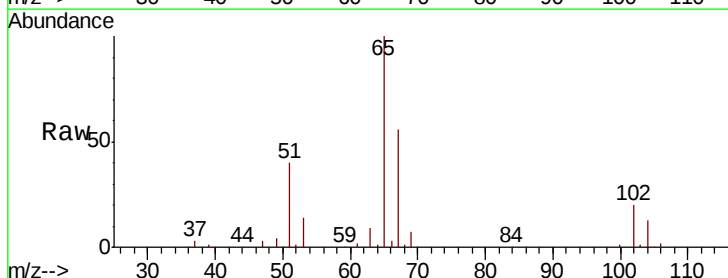
Instrument :
MSVOA_X
ClientSampleId :
TP-6S

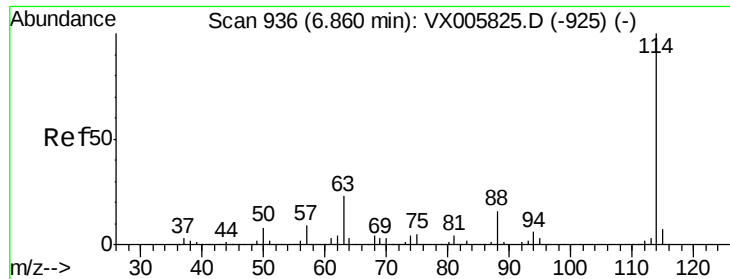
Tot Ion: 56 Resp: 2284
Ion Ratio Lower Upper
56 100
69 161.7 22.6 34.0#
84 125.8 62.7 94.1#



#33
1,2-Dichloroethane-d4
Concen: 49.298 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX005984.D
Acq: 14 Nov 2018 19:42

Tgt Ion: 65 Resp: 75169
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.0

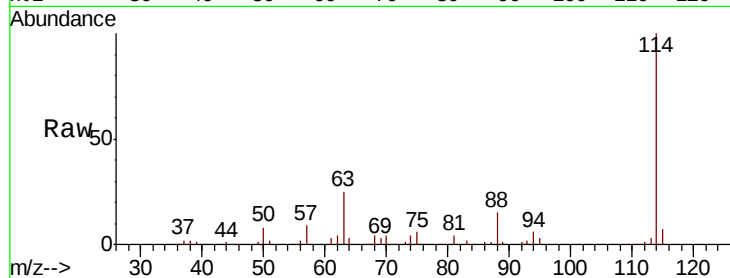




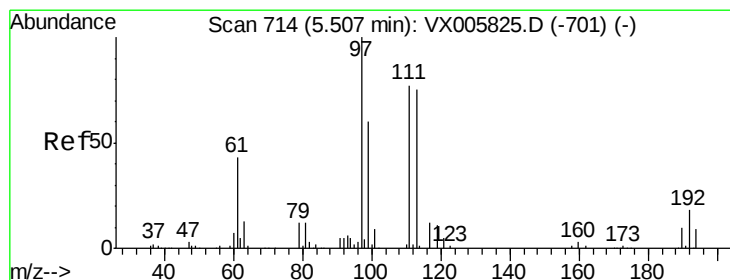
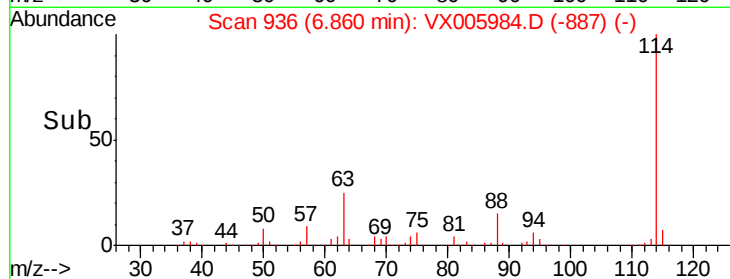
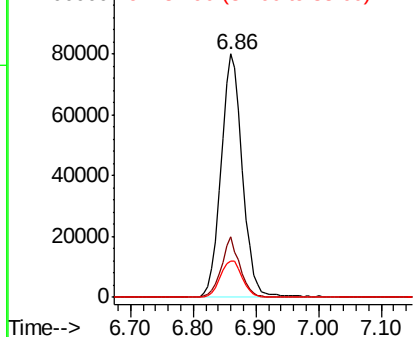
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX005984.D
Acq: 14 Nov 2018 19:42

Instrument :
MSVOA_X
ClientSampleId :
TP-6S

Tot Ion:114 Resp: 188689
Ion Ratio Lower Upper
114 100
63 24.9 0.0 42.8
88 14.7 0.0 31.2

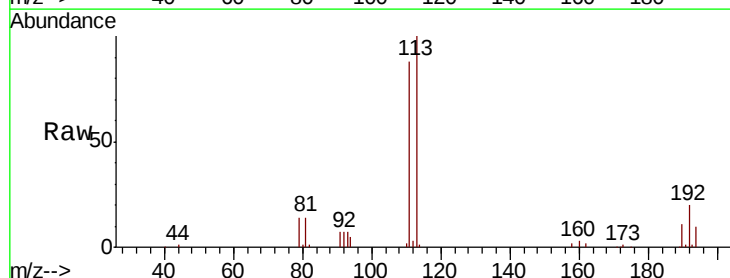


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

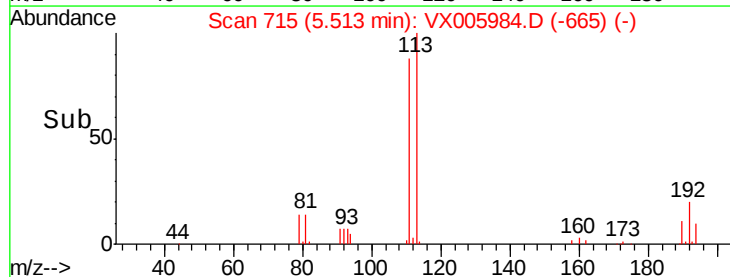
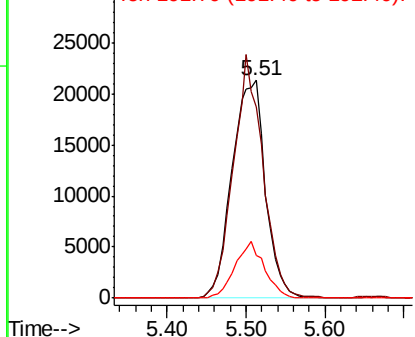


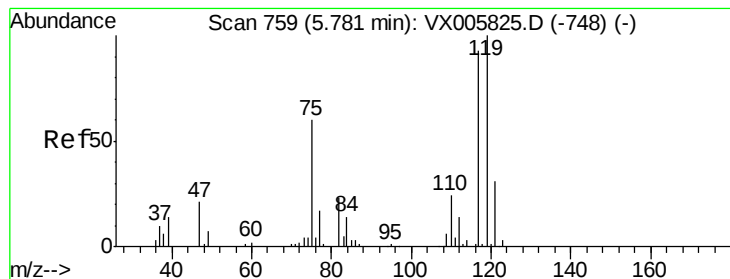
#35
Dibromofluoromethane
Concen: 48.790 ug/l
RT: 5.51 min Scan# 715
Delta R.T. 0.01 min
Lab File: VX005984.D
Acq: 14 Nov 2018 19:42

Tgt Ion:113 Resp: 62616
Ion Ratio Lower Upper
113 100
111 98.9 82.3 123.5
192 23.0 17.9 26.9



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





#38

Carbon Tetrachloride

Concen: 6.561 ug/l

RT: 5.67 min Scan# 741

Delta R.T. -0.11 min

Lab File: VX005984.D

Acq: 14 Nov 2018 19:42

Instrument :

MSVOA_X

ClientSampled :

TP-6S

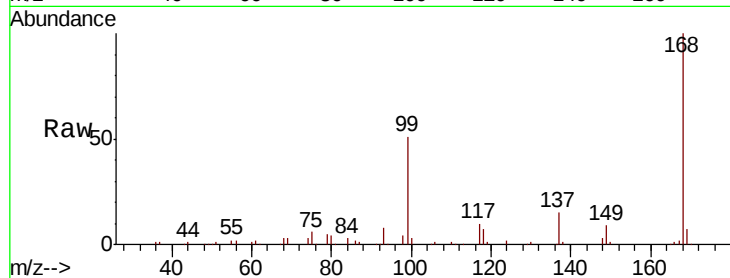
Tot Ion:117 Resp: 11948

Ion Ratio Lower Upper

117 100

119 5.0 78.1 117.1#

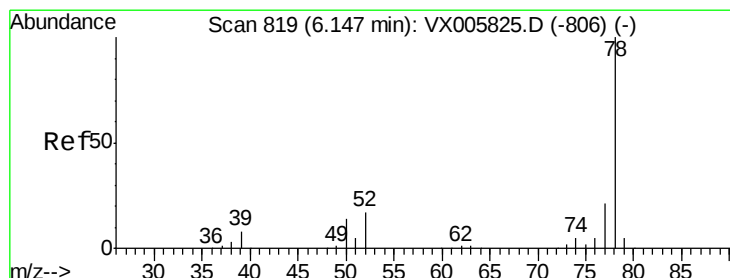
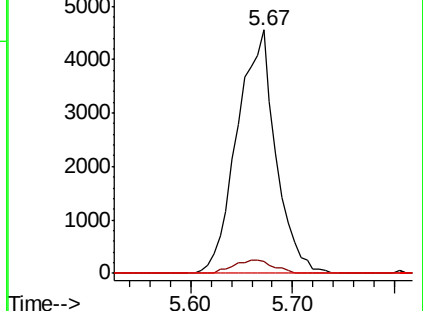
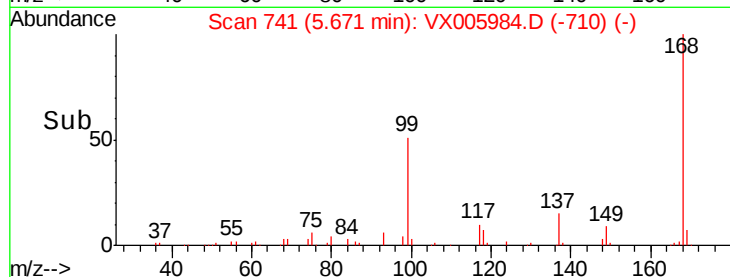
121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#40

Benzene

Concen: 0.414 ug/l

RT: 6.15 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX005984.D

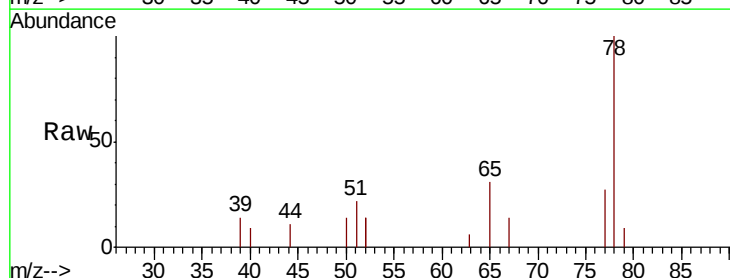
Acq: 14 Nov 2018 19:42

Tgt Ion: 78 Resp: 2196

Ion Ratio Lower Upper

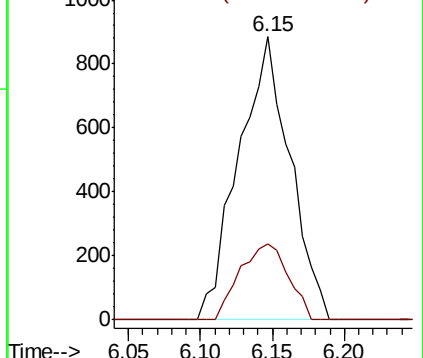
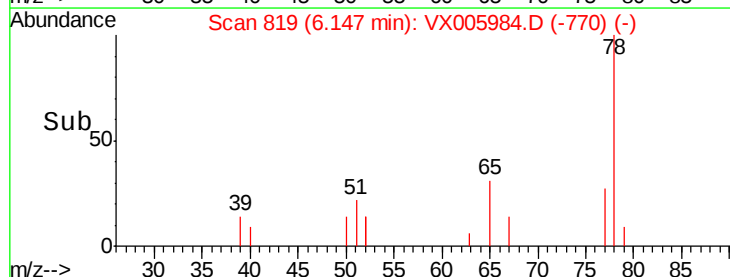
78 100

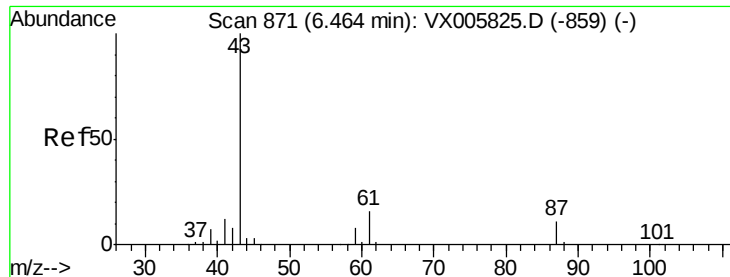
77 26.7 18.4 27.6



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#43

Isopropyl Acetate

Concen: 2.606 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX005984.D

Acq: 14 Nov 2018 19:42

Instrument :

MSVOA_X

ClientSampleId :

TP-6S

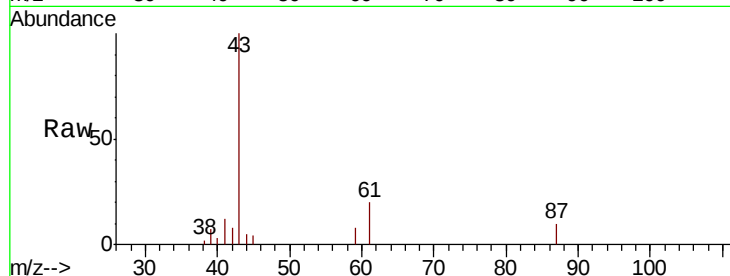
Tot Ion: 43 Resp: 9034

Ion Ratio Lower Upper

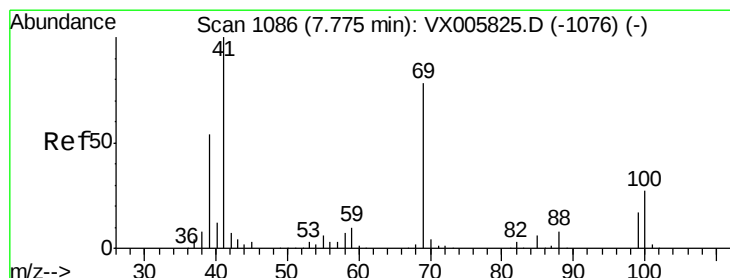
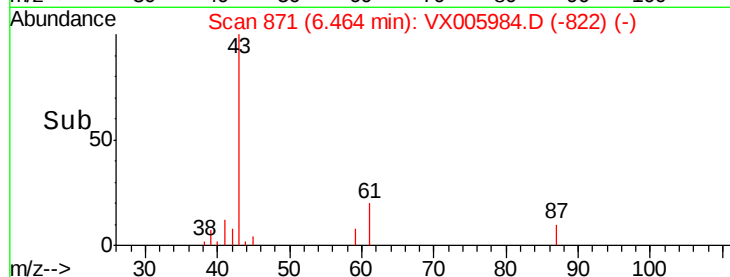
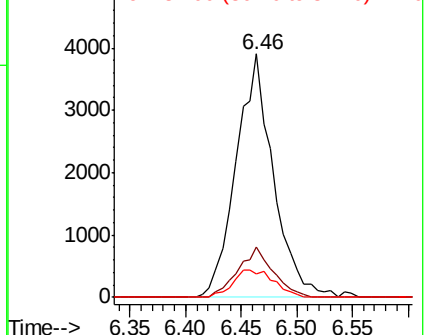
43 100

61 19.3 14.6 22.0

87 12.3 9.6 14.4



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



#48

Methyl methacrylate

Concen: 3.165 ug/l

RT: 7.68 min Scan# 1071

Delta R.T. -0.09 min

Lab File: VX005984.D

Acq: 14 Nov 2018 19:42

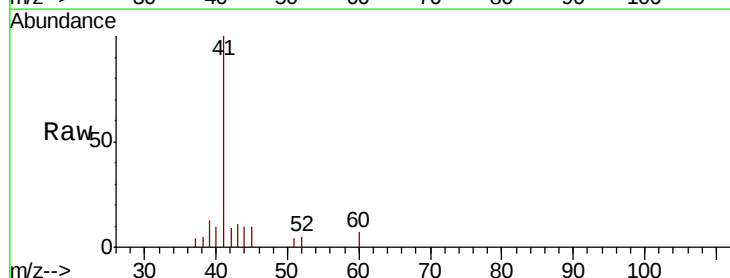
Tgt Ion: 41 Resp: 4926

Ion Ratio Lower Upper

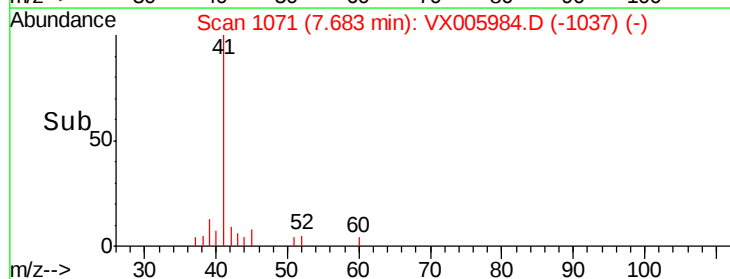
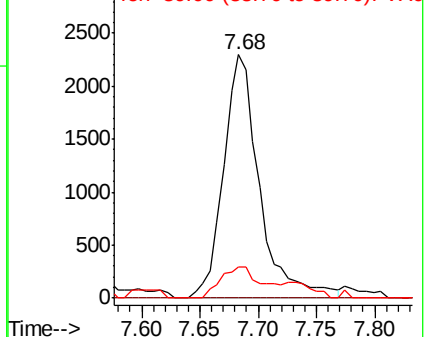
41 100

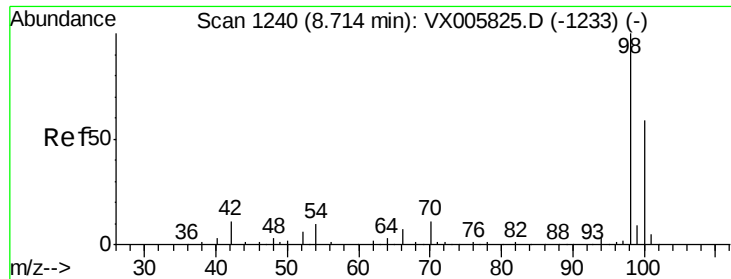
69 0.0 63.2 94.8#

39 0.0 42.2 63.2#



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





#50

Toluene-d8

Concen: 53.508 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005984.D

Acq: 14 Nov 2018 19:42

Instrument :

MSVOA_X

ClientSampleId :

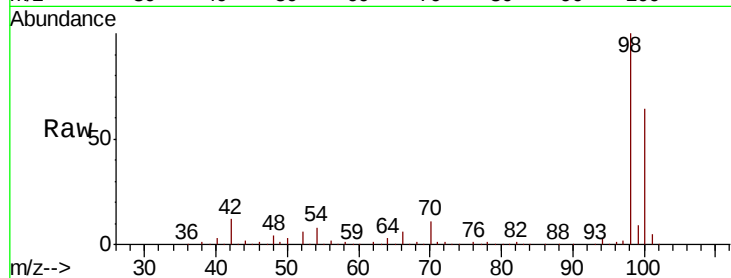
TP-6S

Tot Ion: 98 Resp: 228302

Ion Ratio Lower Upper

98 100

100 63.4 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

150000

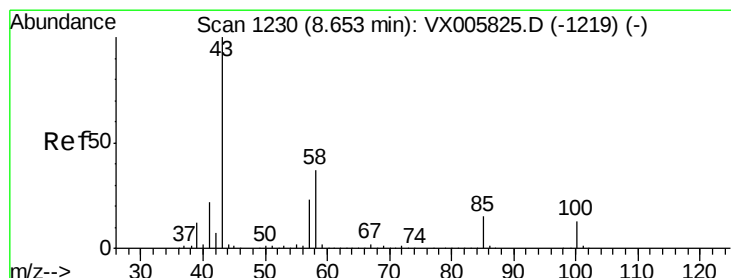
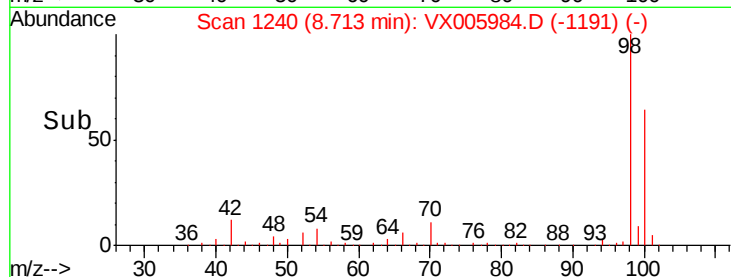
100000

50000

0

8.60 8.70 8.80 8.90

Time-->



#51

4-Methyl-2-Pentanone

Concen: 17.844 ug/l

RT: 8.62 min Scan# 1225

Delta R.T. -0.03 min

Lab File: VX005984.D

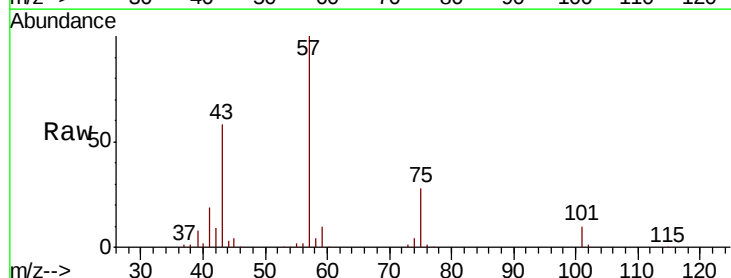
Acq: 14 Nov 2018 19:42

Tgt Ion: 43 Resp: 38979

Ion Ratio Lower Upper

43 100

58 8.1 29.7 44.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

25000

20000

15000

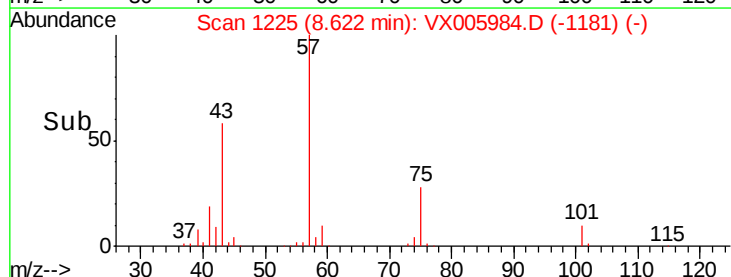
10000

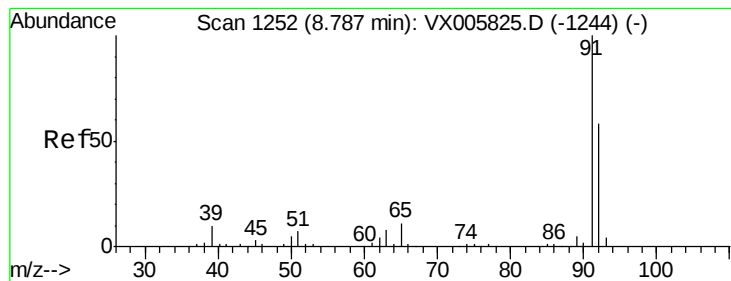
5000

0

8.50 8.60 8.70

Time-->





#52

Toluene

Concen: 0.205 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005984.D

Acq: 14 Nov 2018 19:42

Instrument :

MSVOA_X

ClientSampled :

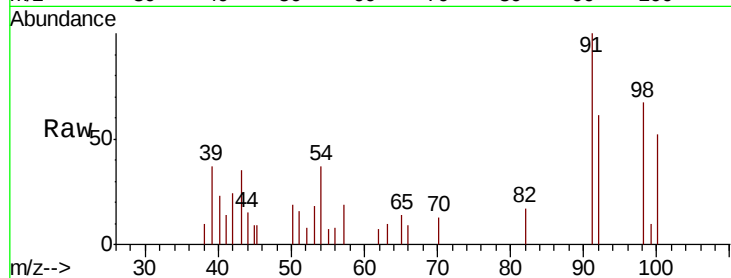
TP-6S

Tot Ion: 92 Resp: 608

Ion Ratio Lower Upper

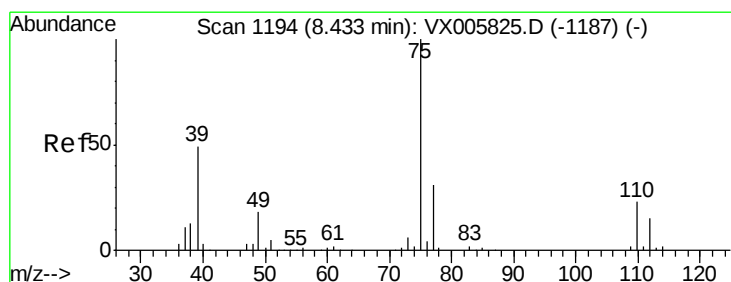
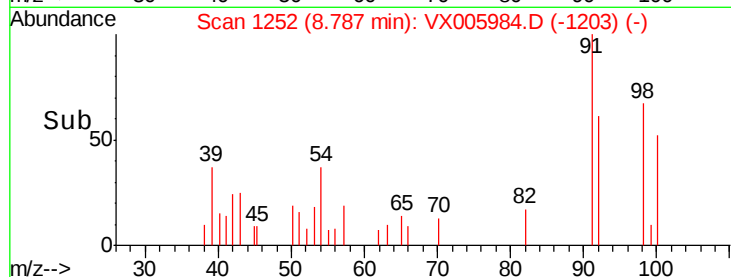
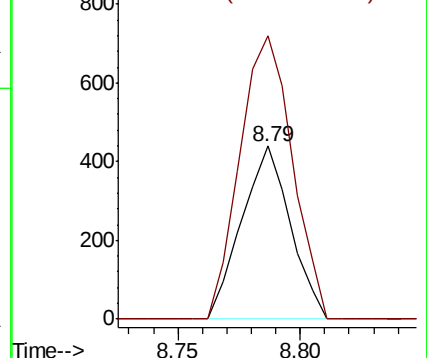
92 100

91 176.0 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 9.452 ug/l

RT: 8.62 min Scan# 1225

Delta R.T. 0.19 min

Lab File: VX005984.D

Acq: 14 Nov 2018 19:42

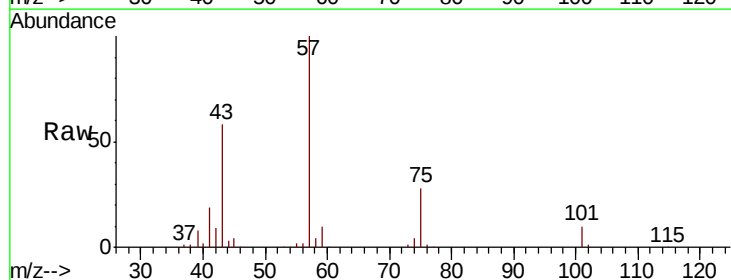
Tgt Ion: 75 Resp: 17353

Ion Ratio Lower Upper

75 100

77 0.5 25.2 37.8#

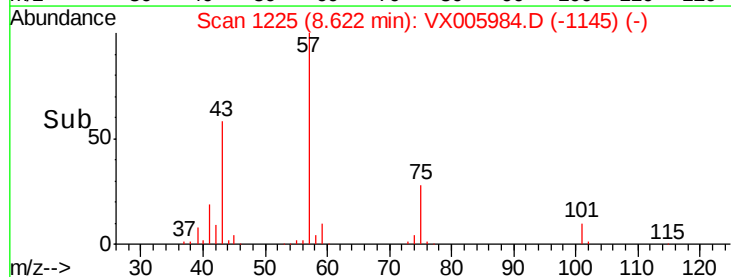
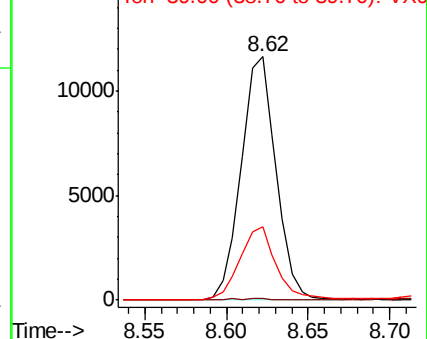
39 30.2 38.2 57.2#

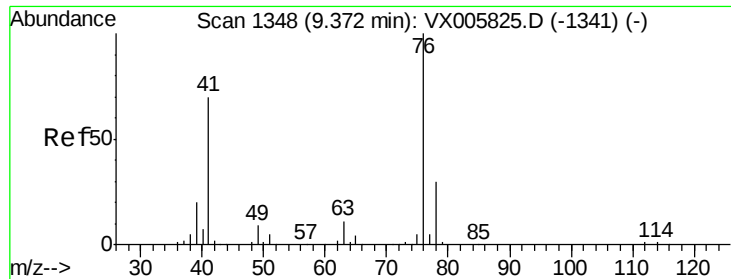


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 1.892 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX005984.D

Acq: 14 Nov 2018 19:42

Instrument :

MSVOA_X

ClientSampleId :

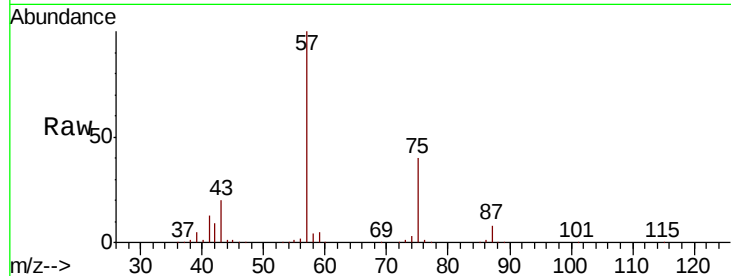
TP-6S

Tot Ion: 76 Resp: 4199

Ion Ratio Lower Upper

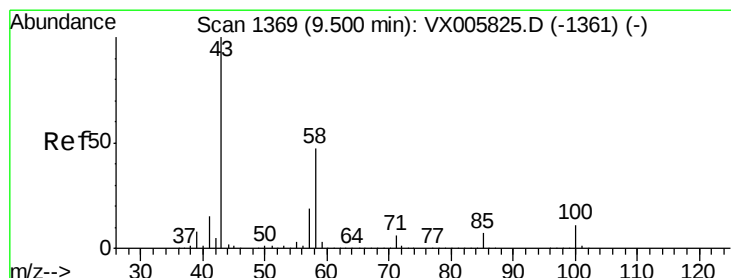
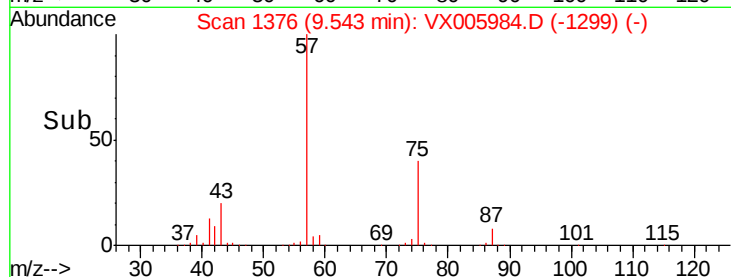
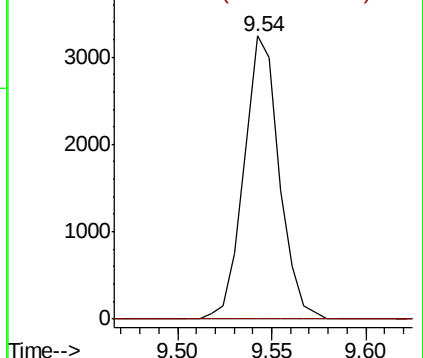
76 100

78 0.0 25.3 37.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 31.745 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.04 min

Lab File: VX005984.D

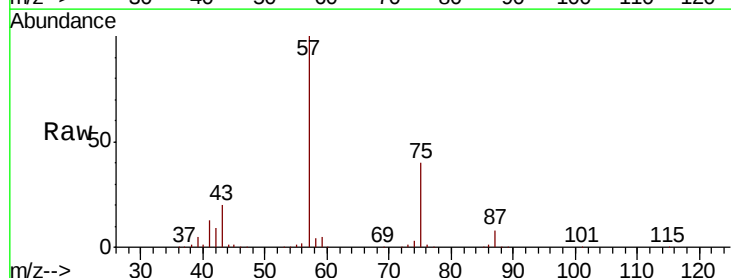
Acq: 14 Nov 2018 19:42

Tgt Ion: 43 Resp: 61125

Ion Ratio Lower Upper

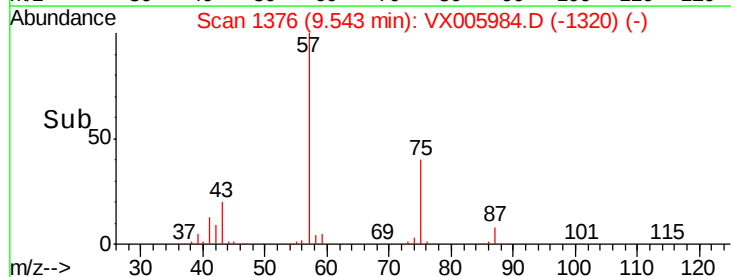
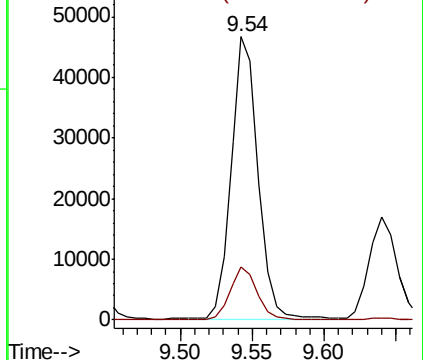
43 100

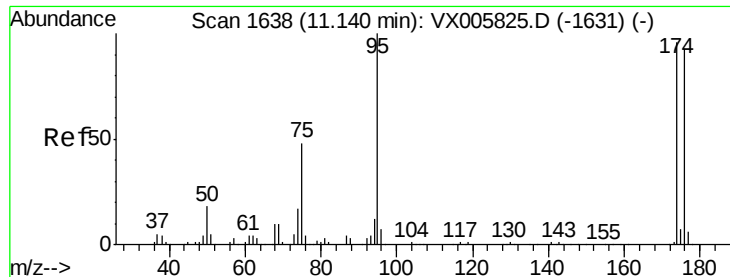
58 19.3 25.9 77.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

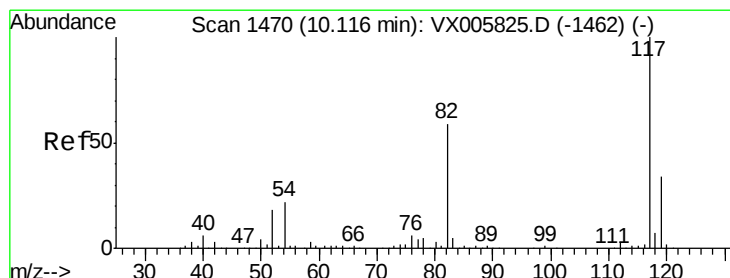
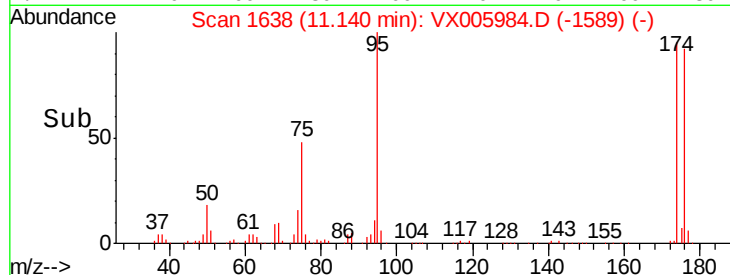
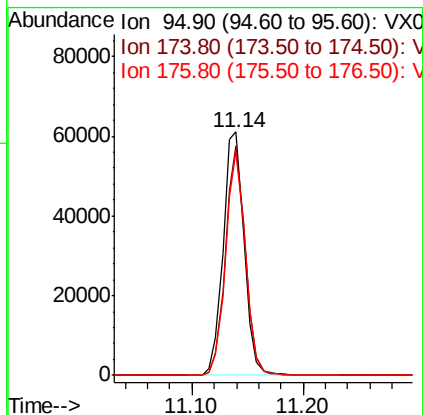
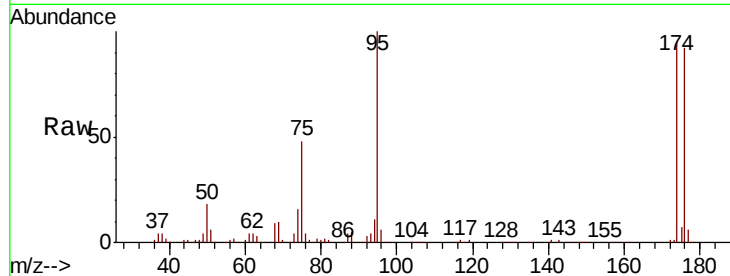




#62
4-Bromofluorobenzene
Concen: 51.900 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005984.D
Acq: 14 Nov 2018 19:42

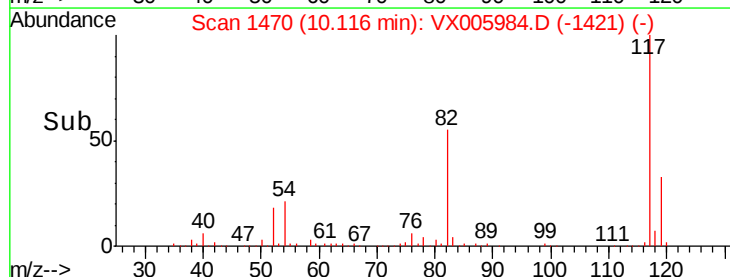
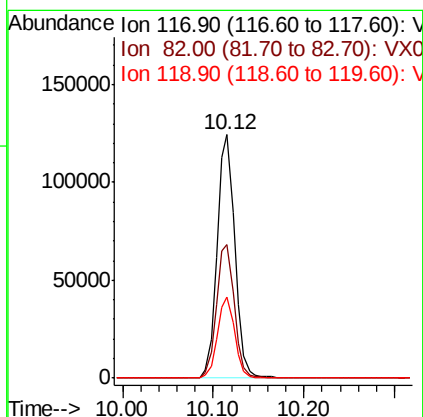
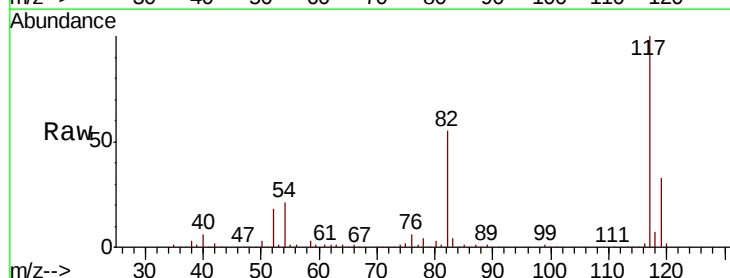
Instrument :
MSVOA_X
ClientSampled :
TP-6S

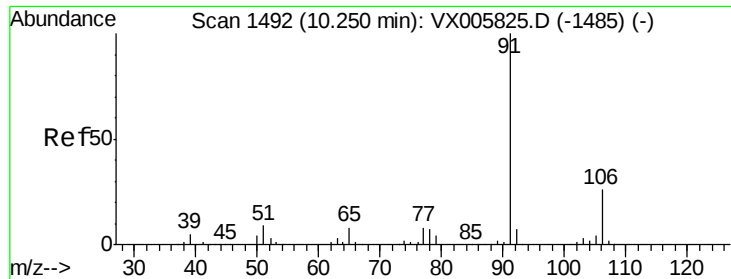
Tot Ion: 95 Resp: 79616
Ion Ratio Lower Upper
95 100
174 89.3 0.0 184.4
176 86.6 0.0 177.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005984.D
Acq: 14 Nov 2018 19:42

Tgt Ion: 117 Resp: 169978
Ion Ratio Lower Upper
117 100
82 55.1 44.1 66.1
119 33.2 26.2 39.2

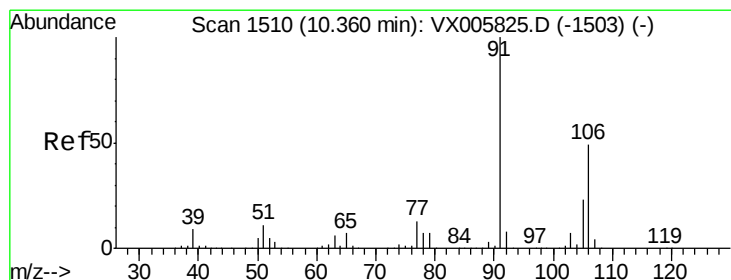
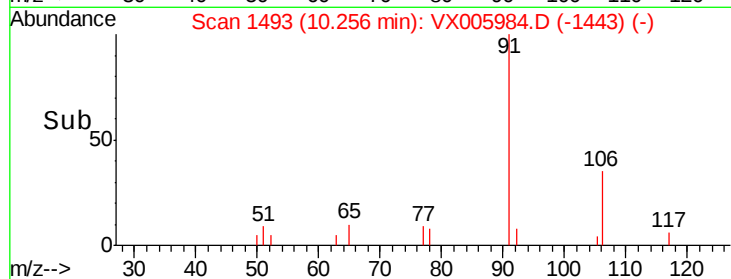
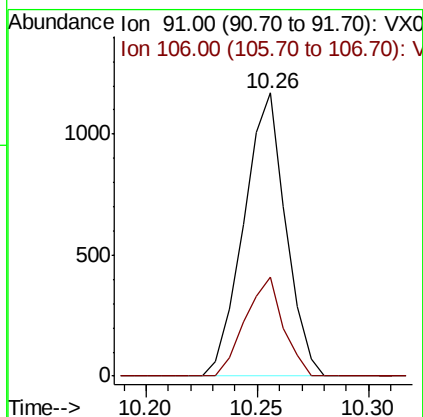
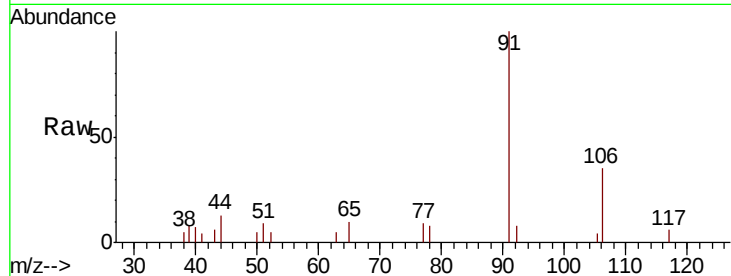




#67
Ethyl Benzene
Concen: 0.281 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VX005984.D
Acq: 14 Nov 2018 19:42

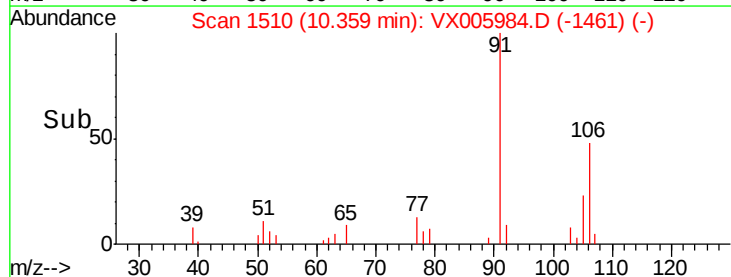
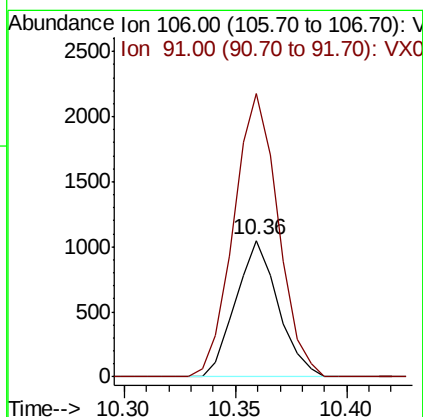
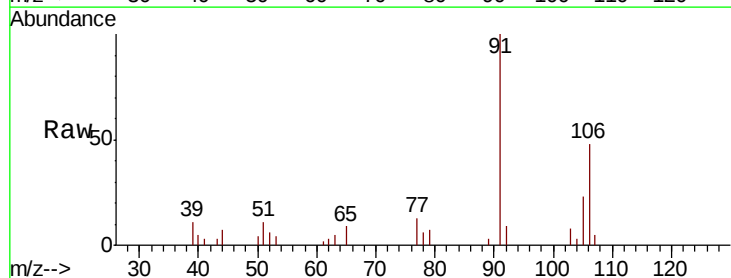
Instrument :
MSVOA_X
ClientSampled :
TP-6S

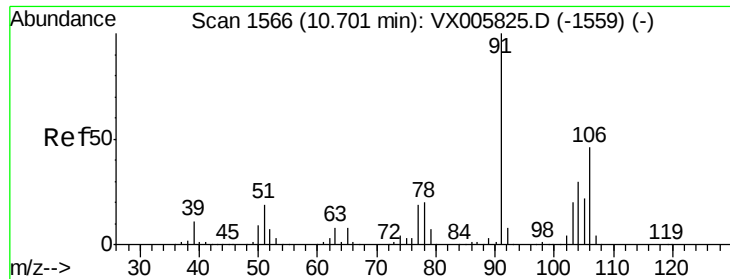
Tot Ion: 91 Resp: 1535
Ion Ratio Lower Upper
91 100
106 34.9 24.4 36.6



#68
m/p-Xylenes
Concen: 0.672 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005984.D
Acq: 14 Nov 2018 19:42

Tgt Ion: 106 Resp: 1399
Ion Ratio Lower Upper
106 100
91 216.3 164.2 246.4

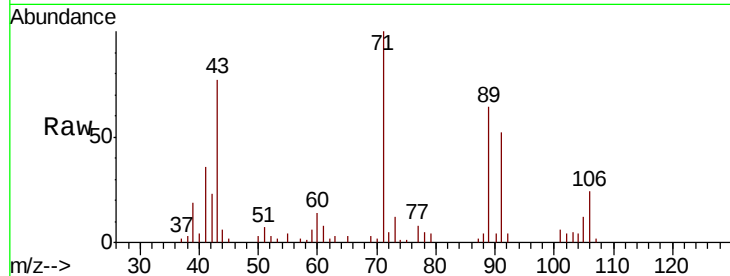




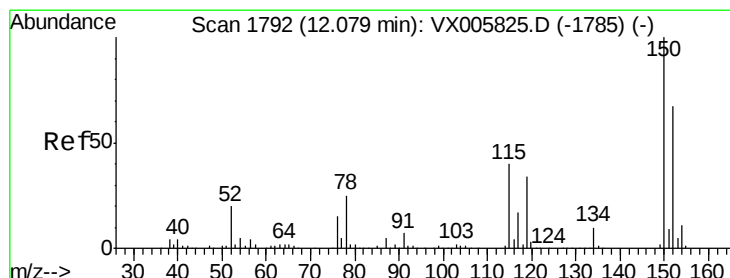
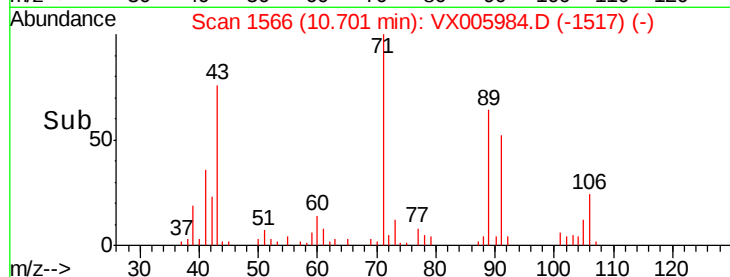
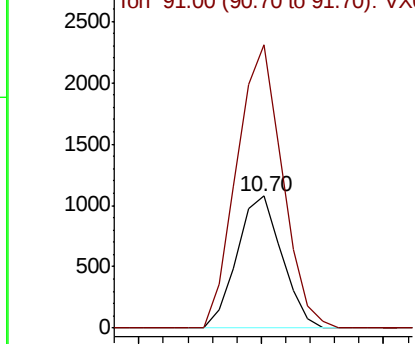
#69
o-Xylene
Concen: 0.739 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005984.D
Acq: 14 Nov 2018 19:42

Instrument :
MSVOA_X
ClientSampled :
TP-6S

Tot Ion:106 Resp: 1381
Ion Ratio Lower Upper
106 100
91 217.0 108.5 325.5

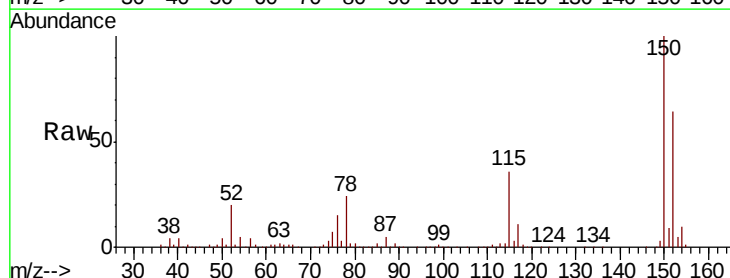


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

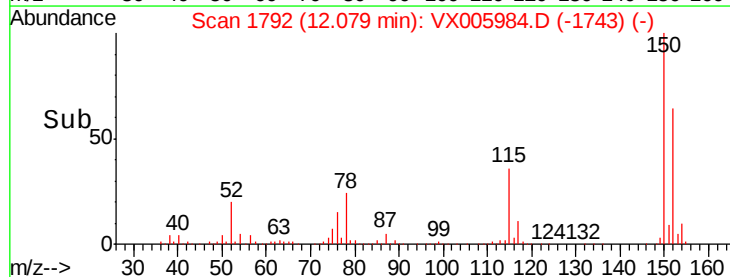
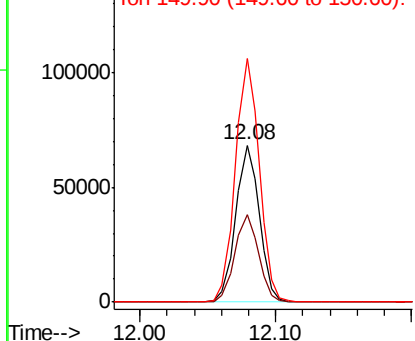


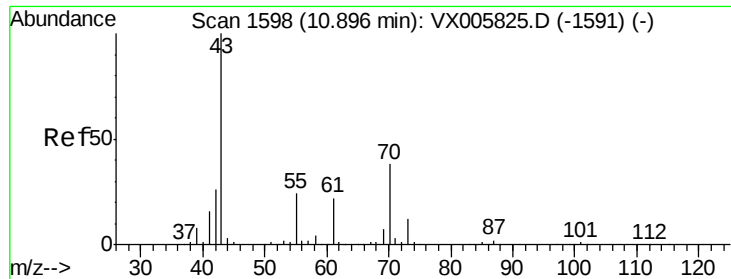
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005984.D
Acq: 14 Nov 2018 19:42

Tgt Ion:152 Resp: 82660
Ion Ratio Lower Upper
152 100
115 55.9 39.4 118.1
150 157.2 0.0 346.4



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





#74

N-amvl acetate

Concen: 1.315 ug/l

RT: 10.88 min Scan# 1595

Delta R.T. -0.02 min

Lab File: VX005984.D

Acq: 14 Nov 2018 19:42

Instrument :

MSVOA_X

ClientSampled :

TP-6S

Tot Ion: 43 Resp: 177

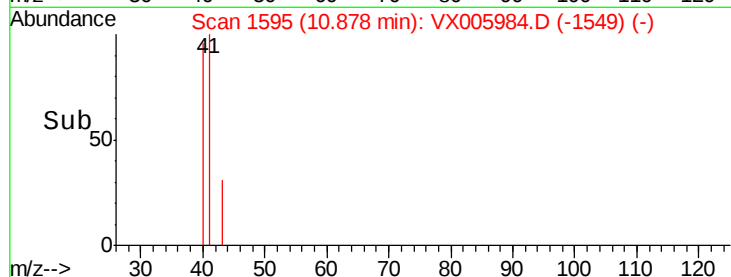
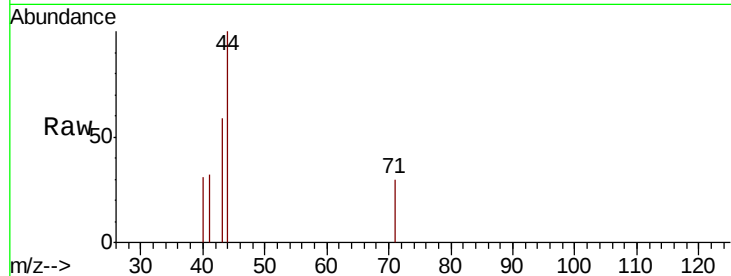
Ion Ratio Lower Upper

43 100

70 0.0 31.6 47.4#

55 0.0 19.7 29.5#

61 0.0 18.3 27.5#

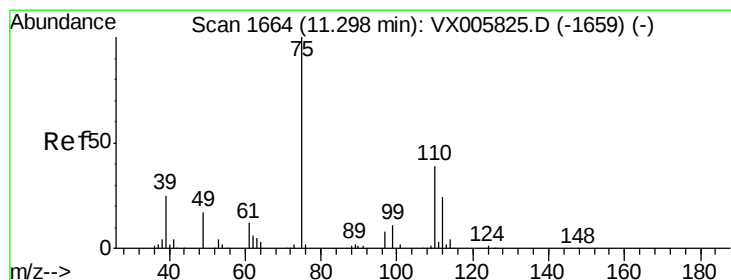
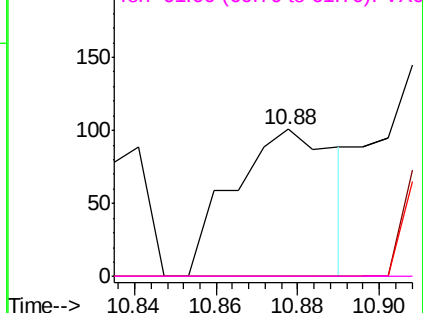


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#76

1,2,3-Trichloropropane

Concen: 23.216 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX005984.D

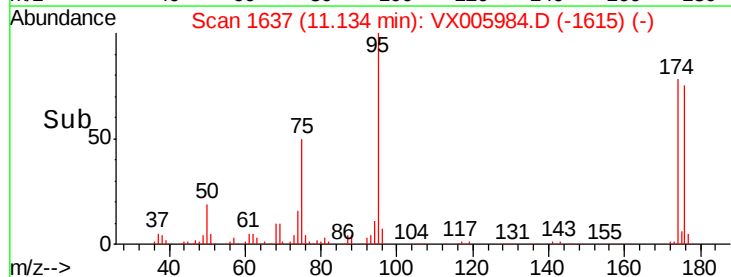
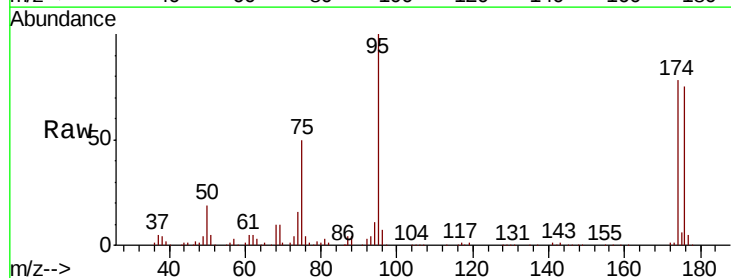
Acq: 14 Nov 2018 19:42

Tgt Ion: 75 Resp: 39076

Ion Ratio Lower Upper

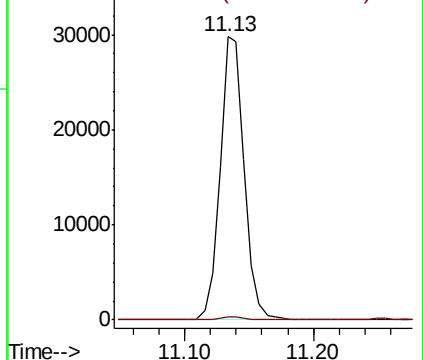
75 100

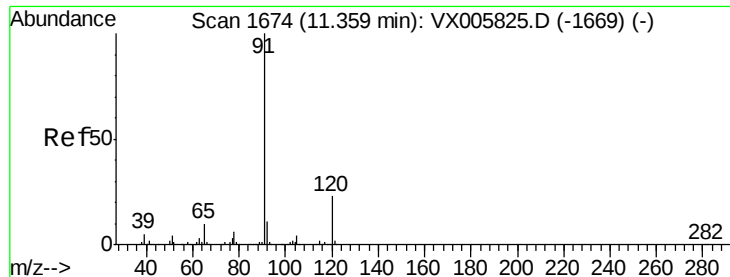
77 1.3 20.5 61.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.208 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005984.D

Acq: 14 Nov 2018 19:42

Instrument :

MSVOA_X

ClientSampled :

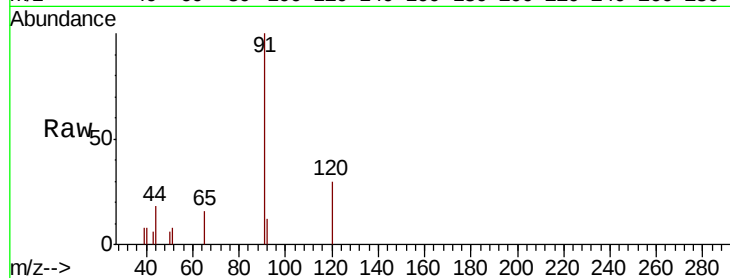
TP-6S

Tot Ion: 91 Resp: 1172

Ion Ratio Lower Upper

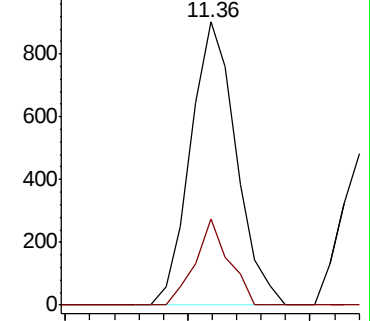
91 100

120 22.4 11.9 35.5

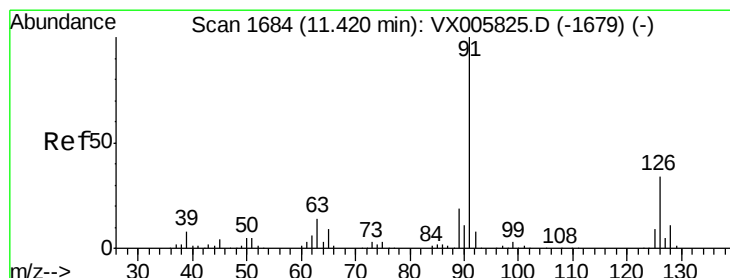
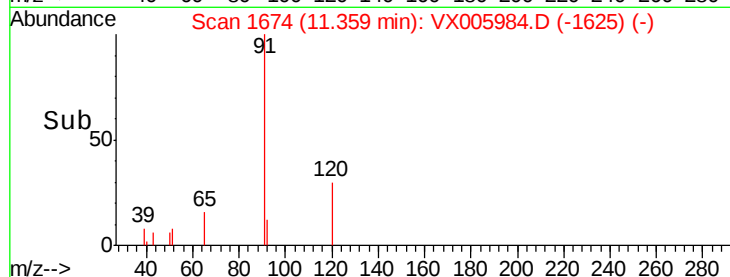


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



Time--> 11.30 11.35 11.40



#79

2-Chlorotoluene

Concen: 0.221 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005984.D

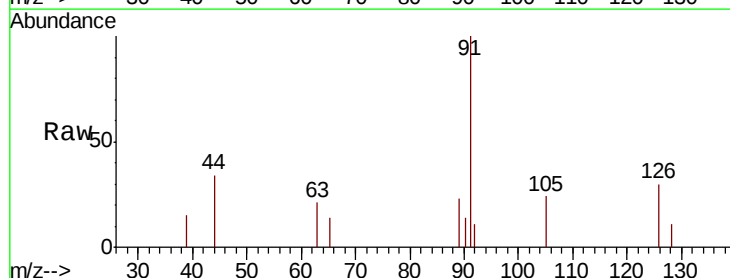
Acq: 14 Nov 2018 19:42

Tgt Ion: 91 Resp: 754

Ion Ratio Lower Upper

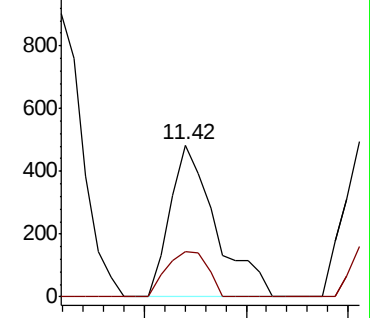
91 100

126 26.7 17.3 52.0

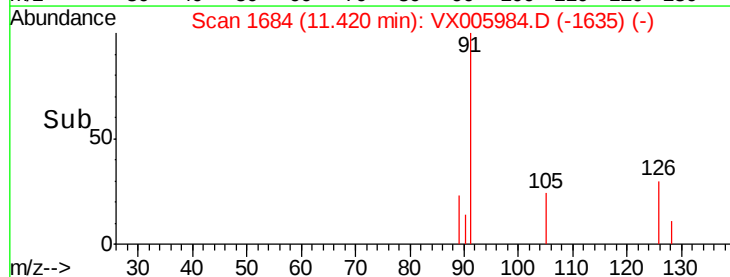


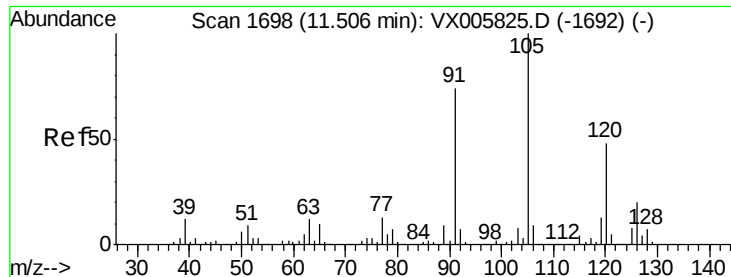
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



Time--> 11.40 11.45

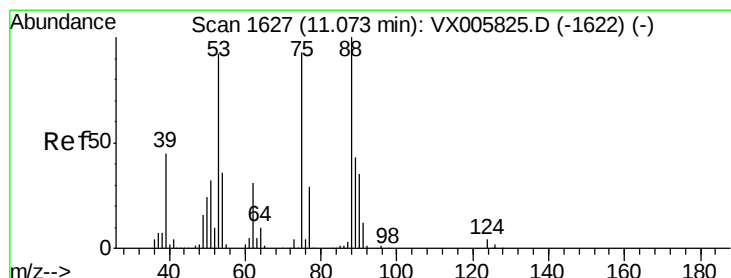
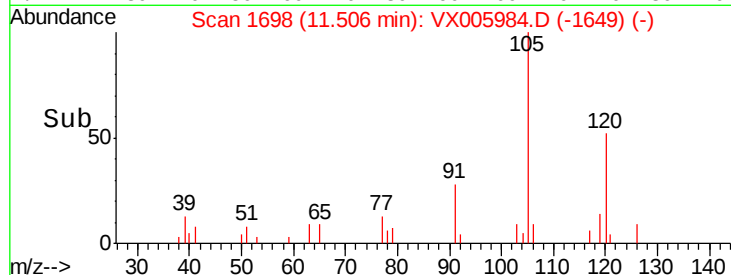
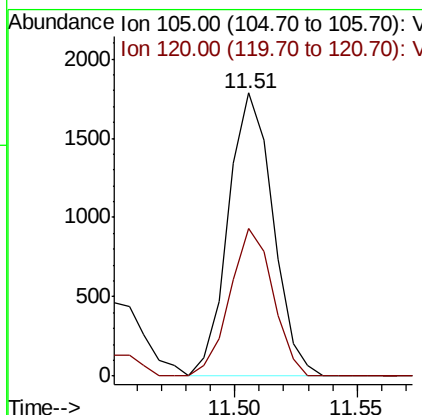
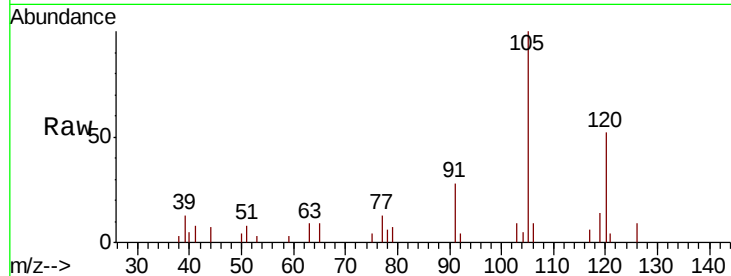




#80
 1,3,5-Trimethylbenzene
 Concen: 0.559 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005984.D
 Acq: 14 Nov 2018 19:42

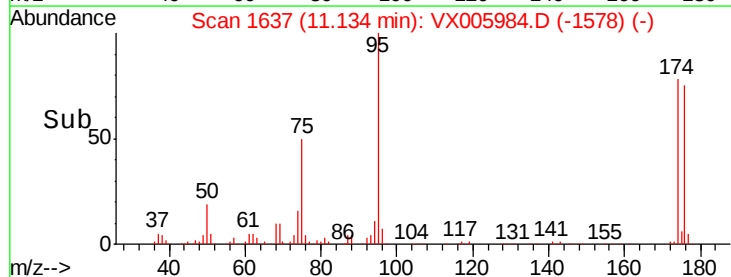
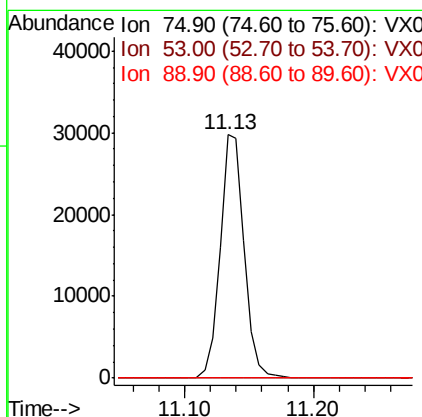
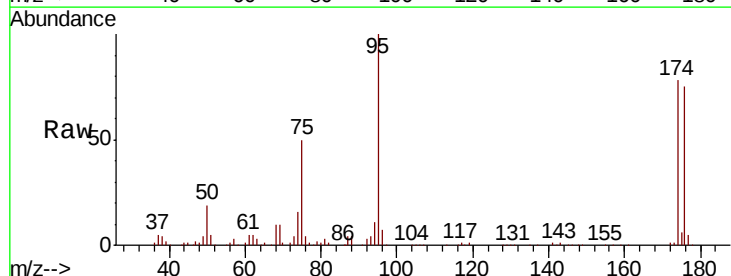
Instrument :
 MSVOA_X
 ClientSampled :
 TP-6S

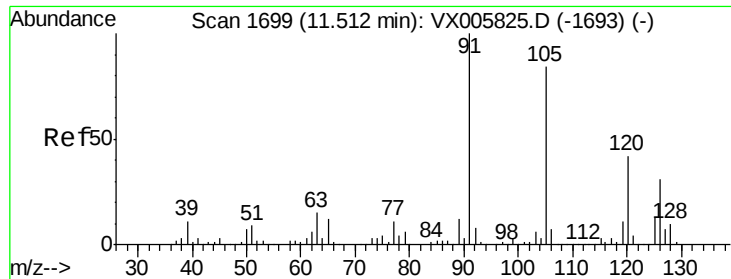
Tot Ion:105 Resp: 2272
 Ion Ratio Lower Upper
 105 100
 120 50.2 24.1 72.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.994 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX005984.D
 Acq: 14 Nov 2018 19:42

Tgt Ion: 75 Resp: 39076
 Ion Ratio Lower Upper
 75 100
 53 0.1 80.2 120.2#
 89 0.0 39.8 59.8#

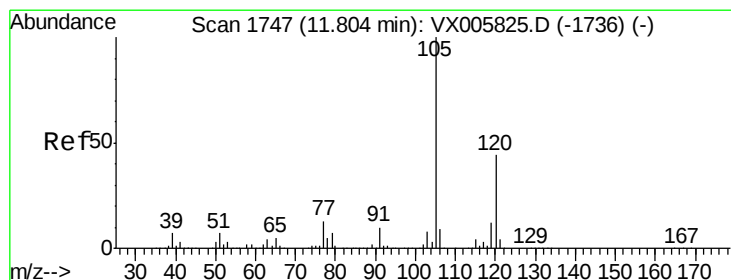
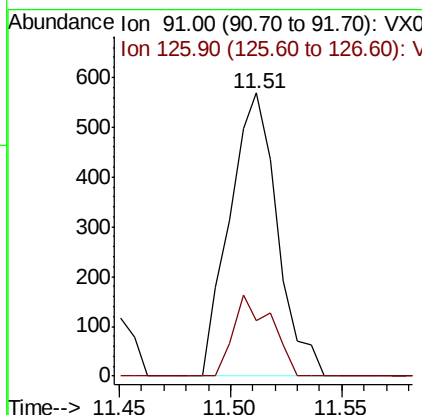
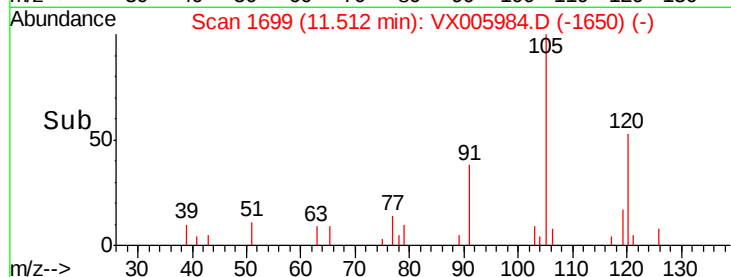
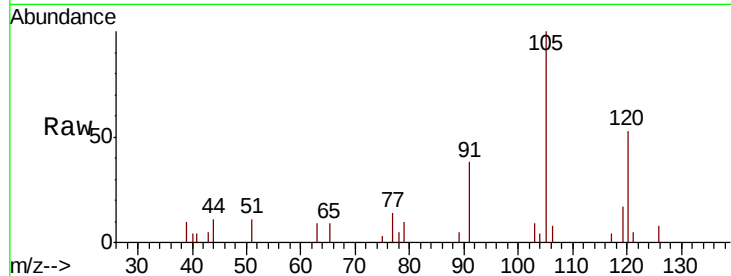




#82
4-Chlorotoluene
Concen: 0.211 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX005984.D
Acq: 14 Nov 2018 19:42

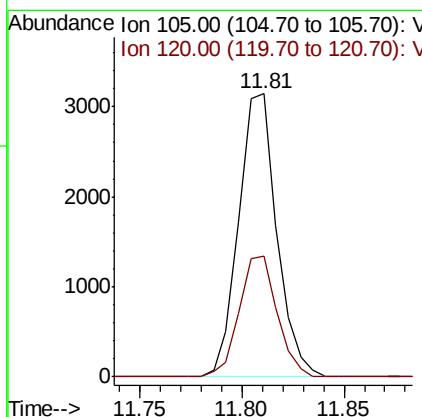
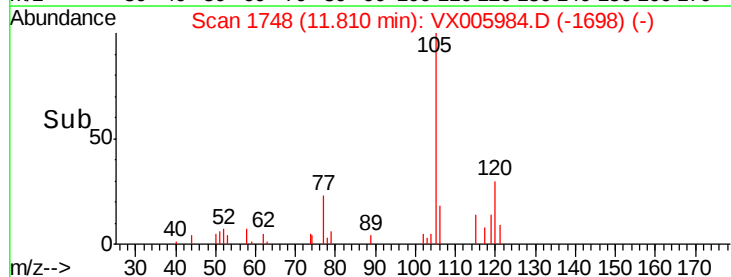
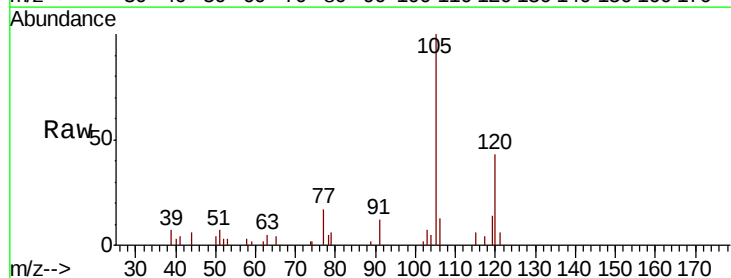
Instrument :
MSVOA_X
ClientSampled :
TP-6S

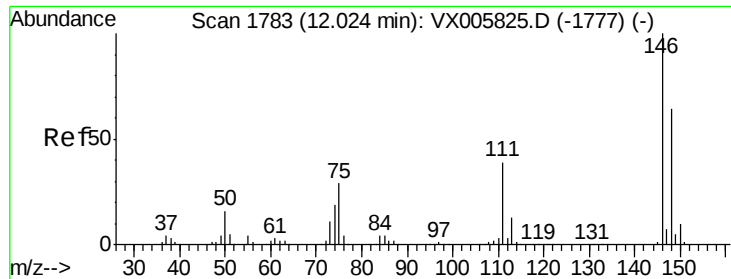
Tot Ion: 91 Resp: 847
Ion Ratio Lower Upper
91 100
126 22.9 15.2 45.6



#84
1,2,4-Trimethylbenzene
Concen: 0.793 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VX005984.D
Acq: 14 Nov 2018 19:42

Tgt Ion: 105 Resp: 4083
Ion Ratio Lower Upper
105 100
120 42.2 22.4 67.0

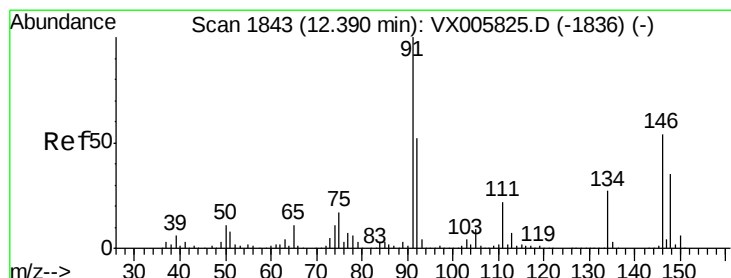
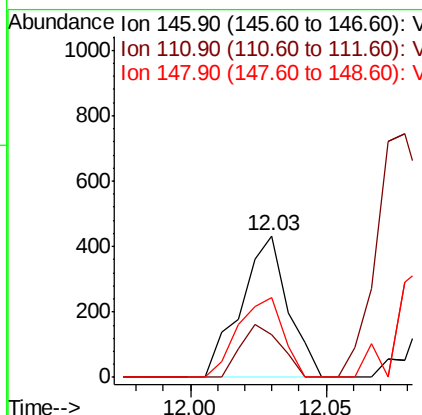
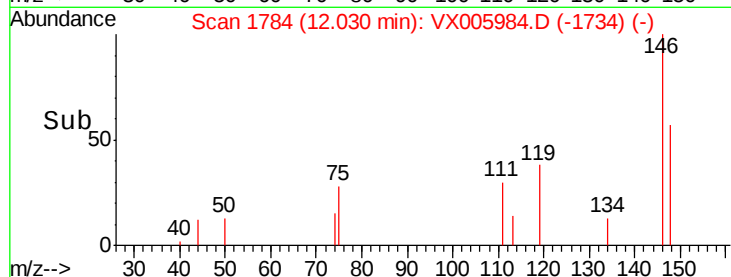
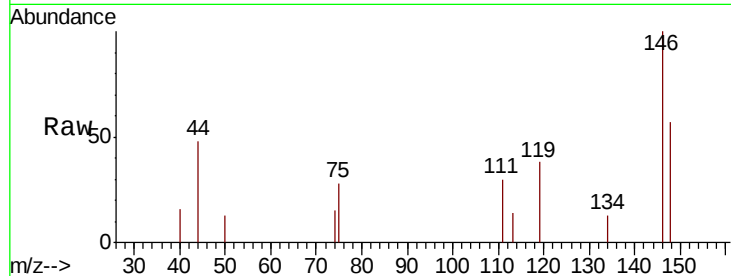




#87
 1,3-Dichlorobenzene
 Concen: 0.200 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: VX005984.D
 Acq: 14 Nov 2018 19:42

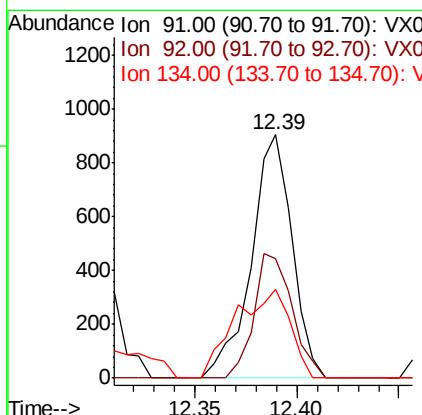
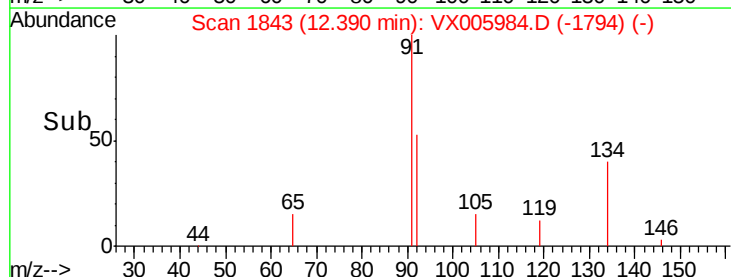
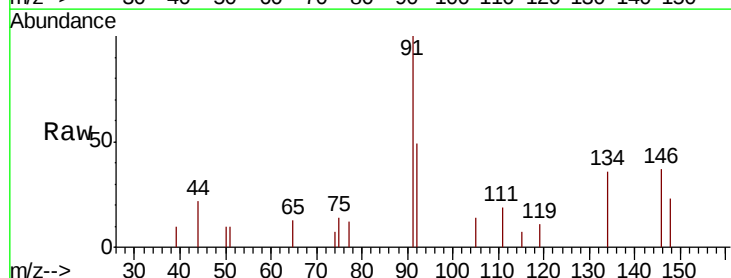
Instrument :
 MSVOA_X
 ClientSampled :
 TP-6S

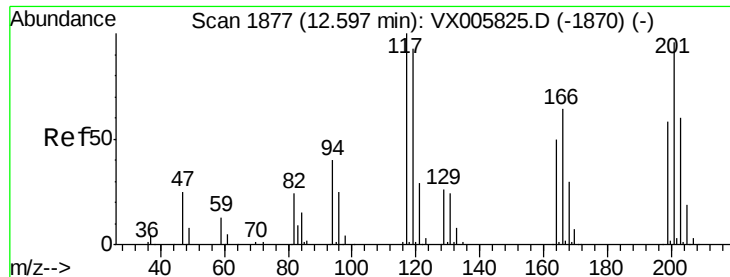
Tot Ion:146 Resp: 518
 Ion Ratio Lower Upper
 146 100
 111 32.0 19.0 57.0
 148 54.4 31.9 95.9



#89
 n-Butylbenzene
 Concen: 0.305 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005984.D
 Acq: 14 Nov 2018 19:42

Tgt Ion: 91 Resp: 1258
 Ion Ratio Lower Upper
 91 100
 92 48.0 26.1 78.2
 134 48.9 13.1 39.3#





#90

Hexachloroethane

Concen: 0.349 ug/l

RT: 12.70 min Scan# 1894

Delta R.T. 0.10 min

Lab File: VX005984.D

Acq: 14 Nov 2018 19:42

Instrument :

MSVOA_X

ClientSampled :

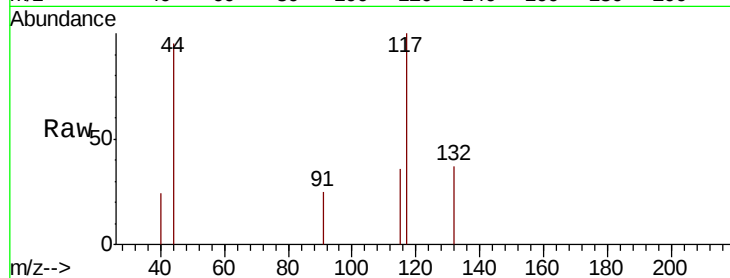
TP-6S

Tot Ion:117 Resp: 259

Ion Ratio Lower Upper

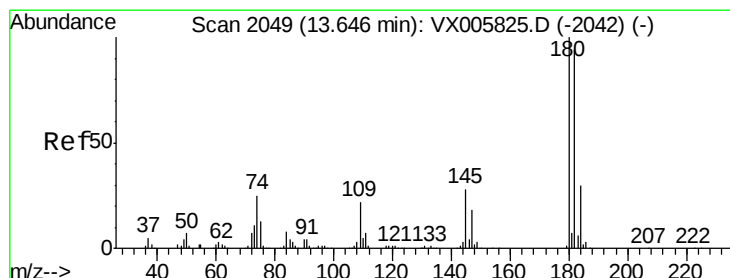
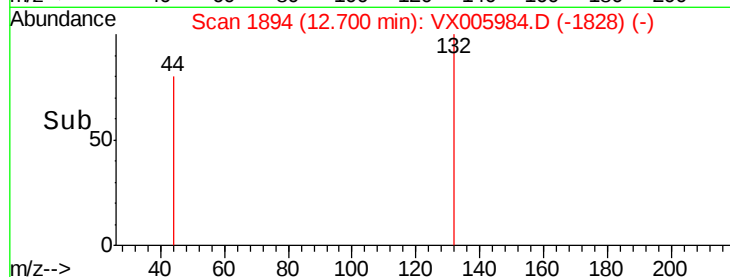
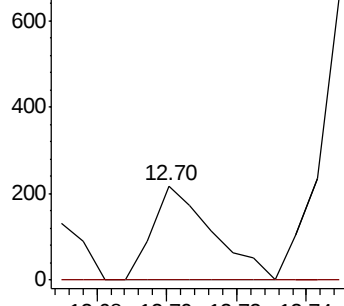
117 100

201 0.0 47.9 143.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 0.393 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX005984.D

Acq: 14 Nov 2018 19:42

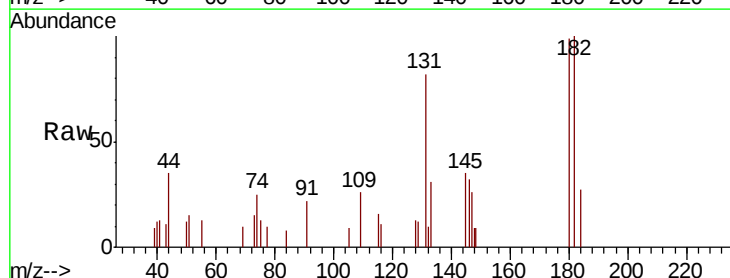
Tgt Ion:180 Resp: 716

Ion Ratio Lower Upper

180 100

182 98.0 47.6 142.8

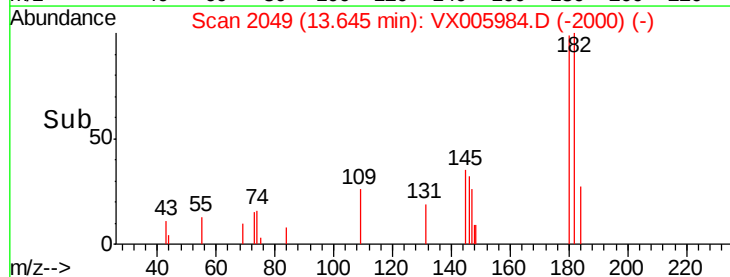
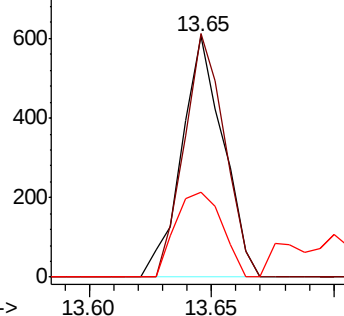
145 39.7 14.1 42.2

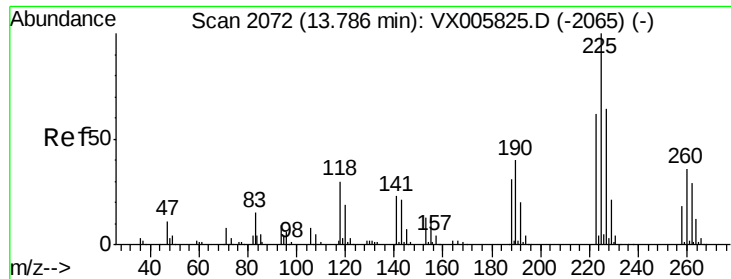


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 0.280 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.01 min

Lab File: VX005984.D

Acq: 14 Nov 2018 19:42

Instrument :

MSVOA_X

ClientSampleId :

TP-6S

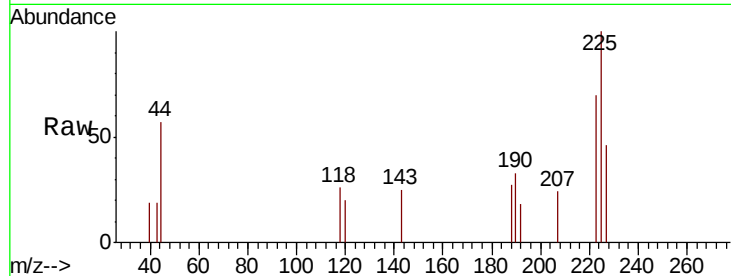
Tot Ion:225 Resp: 268

Ion Ratio Lower Upper

225 100

223 73.9 31.7 95.1

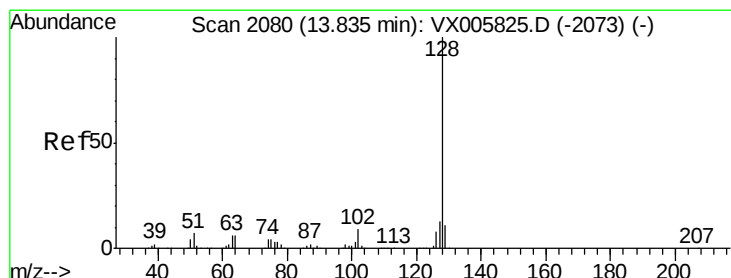
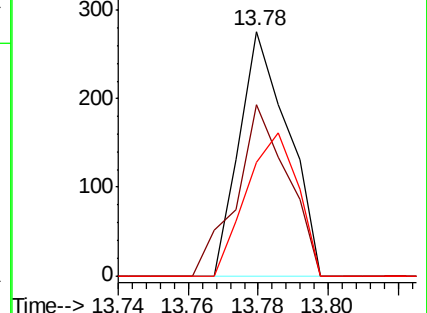
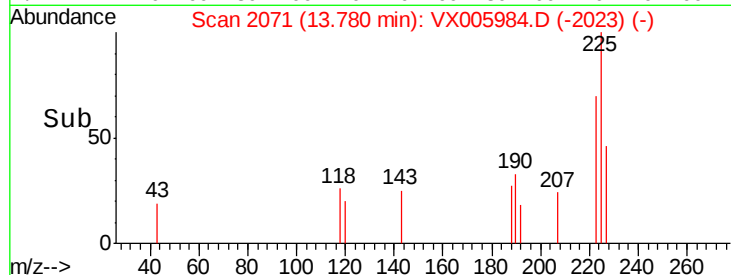
227 61.6 32.3 96.9



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: 22.785 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005984.D

Acq: 14 Nov 2018 19:42

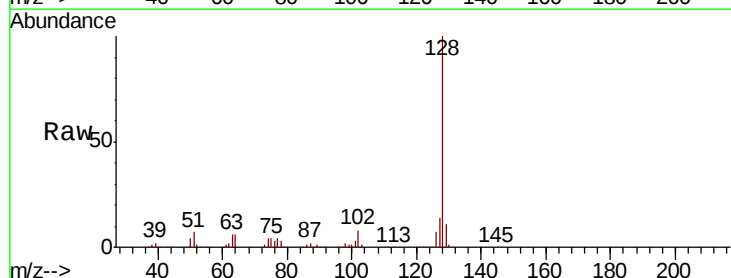
Tgt Ion:128 Resp: 131594

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

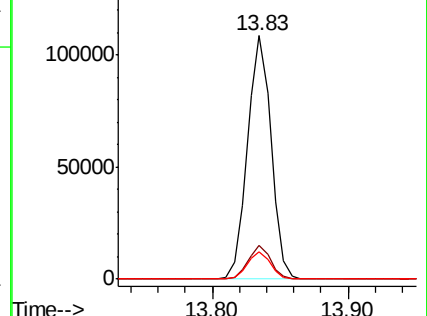
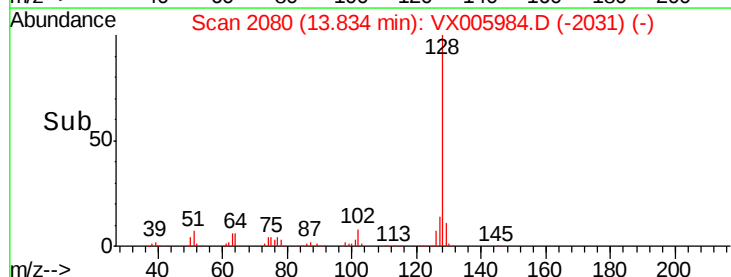
129 10.8 8.7 13.1

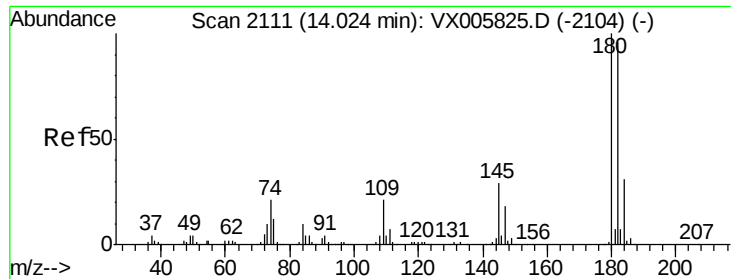


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.343 ug/l
 RT: 14.02 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: VX005984.D
 Acq: 14 Nov 2018 19:42

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-6S

Tot Ion:180 Resp: 637
 Ion Ratio Lower Upper
 180 100
 182 93.2 48.0 144.2
 145 72.8 15.1 45.3#

