

Data File : VX005835.D
Acq On : 07 Nov 2018 18:38
Operator : JC/MD
Sample : J5848-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S81-0101

Quant Time: Nov 19 08:04:02 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	126810	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	172314	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	158956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	70394	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	73920	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
35) Dibromofluoromethane	5.50	113	59808	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
50) Toluene-d8	8.71	98	200543	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
62) 4-Bromofluorobenzene	11.14	95	65283	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.31	85	1075	0.940	ug/l	93
3) Chloromethane	1.32	50	5227	3.484	ug/l #	57
4) Vinyl Chloride	1.40	62	1052	0.698	ug/l #	1
6) Chloroethane	1.90	64	793	0.882	ug/l #	59
13) Acrolein	2.40	56	708	22.447	ug/l #	82
15) Acrylonitrile	3.17	53	668	0.772	ug/l #	44
16) Acetone	2.45	43	22600	28.792	ug/l	91
17) Carbon Disulfide	2.57	76	3833	1.146	ug/l	96
18) Methyl Acetate	2.77	43	482	Below Cal	#	55
25) 2-Butanone	4.70	43	2241	1.816	ug/l	90
27) cis-1,2-Dichloroethene	4.59	96	2712	2.078	ug/l	92
31) Cyclohexane	5.58	56	14274	7.028	ug/l	94
36) 1,1-Dichloropropene	5.67	75	8662	5.214	ug/l #	49
37) Ethyl Acetate	4.70	43	2241	1.026	ug/l #	69
38) Carbon Tetrachloride	5.67	117	11312	6.802	ug/l #	14
39) Methylcyclohexane	7.46	83	18255	10.843	ug/l	96
40) Benzene	6.15	78	5364	1.108	ug/l #	87
41) Methacrylonitrile	5.24	41	973	0.824	ug/l #	46
45) 1,2-Dichloropropane	7.45	63	246	0.209	ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	723	0.362	ug/l #	38
52) Toluene	8.79	92	1238	0.457	ug/l	91
55) 1,1,2-Trichloroethane	9.16	97	2560	2.122	ug/l #	18
56) Ethyl methacrylate	9.16	69	676	0.375	ug/l #	1
67) Ethyl Benzene	10.25	91	45071	8.827	ug/l	98
68) m/p-Xylenes	10.36	106	4355	2.236	ug/l	98
69) o-Xylene	10.70	106	43885	25.127	ug/l	97
70) Styrene	10.70	104	2518	0.874	ug/l #	1
73) Isopropylbenzene	11.02	105	4156	1.021	ug/l	99
74) N-amyl acetate	10.91	43	313	1.384	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	305	0.204	ug/l #	26
76) 1,2,3-Trichloropropane	11.14	75	33266	23.208	ug/l #	37
78) n-propylbenzene	11.36	91	5298	1.104	ug/l	98
80) 1,3,5-Trimethylbenzene	11.45	105	3204	0.926	ug/l	74
81) trans-1,4-Dichloro-2-buten	11.14	75	33266	73.968	ug/l #	9

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX110718\
Quantitation Report (Not Reviewed)

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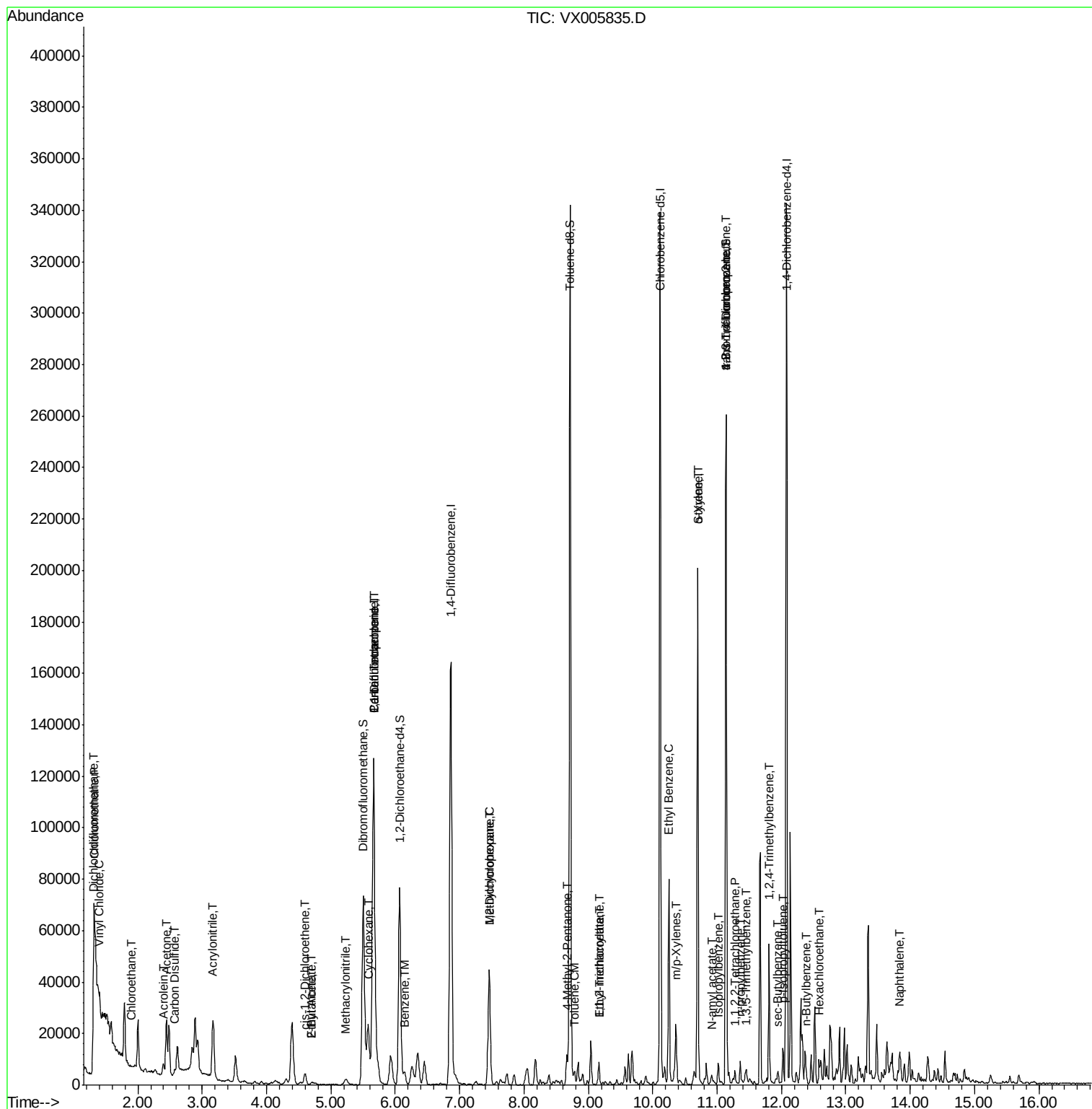
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.80	105	23698	6.102	ug/l	98
85) sec-Butylbenzene	11.94	105	1935	0.452	ug/l	82
86) p-Isopropyltoluene	12.02	119	5555	1.465	ug/l	97
89) n-Butylbenzene	12.39	91	1529	0.435	ug/l #	70
90) Hexachloroethane	12.58	117	437	0.690	ug/l #	2
95) Naphthalene	13.83	128	6994	2.526	ug/l #	90

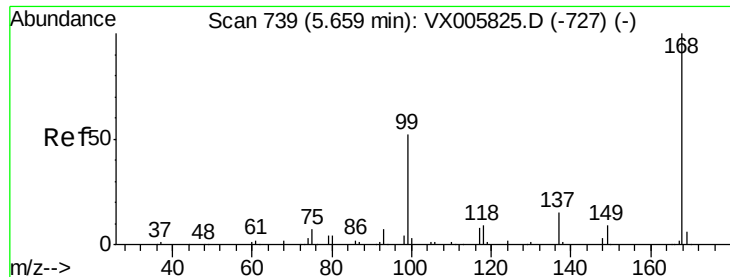
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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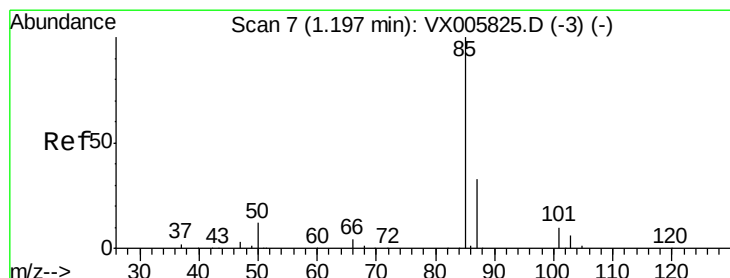
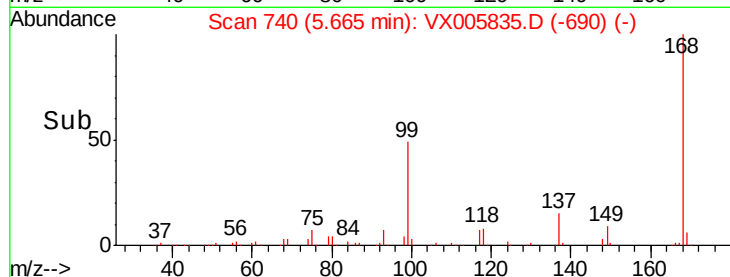
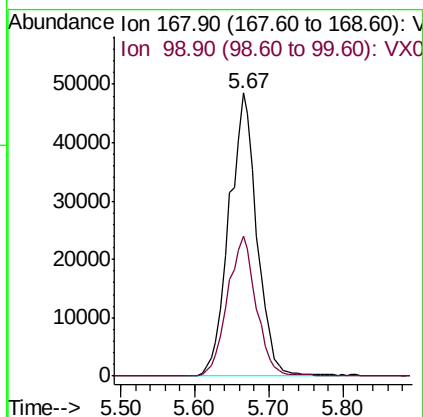
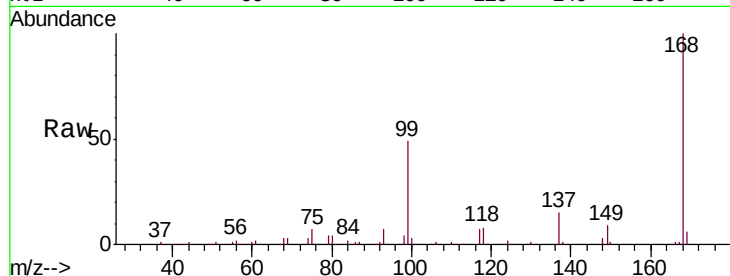




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005835.D
Acq: 07 Nov 2018 18:38

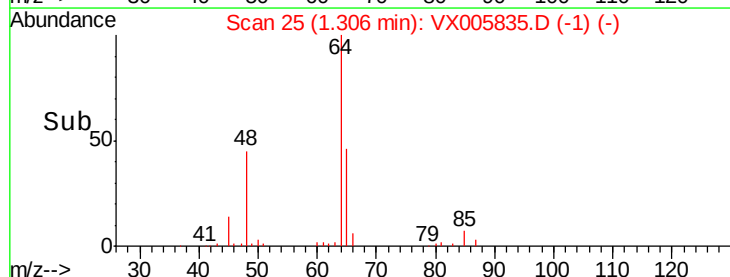
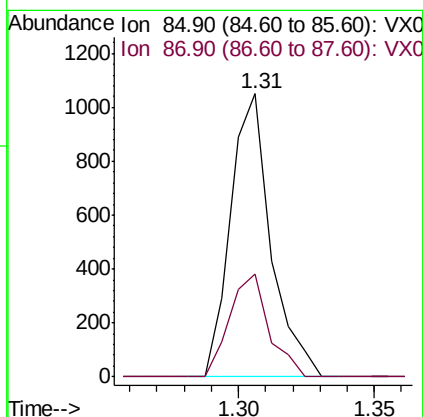
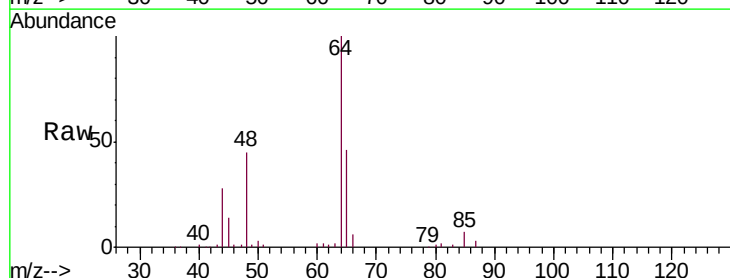
Instrument :
MSVOA_X
ClientSampled :
S81-0101

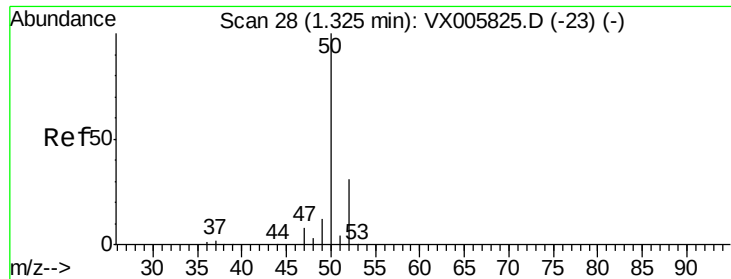
Tgt Ion:168 Resp: 126810
Ion Ratio Lower Upper
168 100
99 49.3 40.7 61.1



#2
Dichlorodifluoromethane
Concen: 0.940 ug/l
RT: 1.31 min Scan# 25
Delta R.T. 0.11 min
Lab File: VX005835.D
Acq: 07 Nov 2018 18:38

Tgt Ion: 85 Resp: 1075
Ion Ratio Lower Upper
85 100
87 36.3 16.3 48.9





#3

Chloromethane

Concen: 3.484 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005835.D

Acq: 07 Nov 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

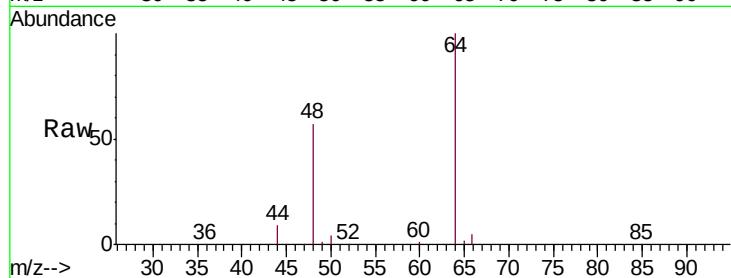
S81-0101

Tgt Ion: 50 Resp: 5227

Ion Ratio Lower Upper

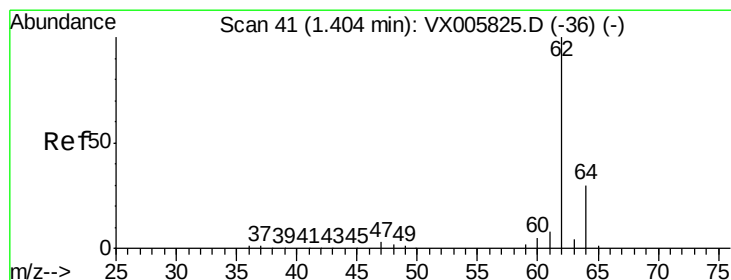
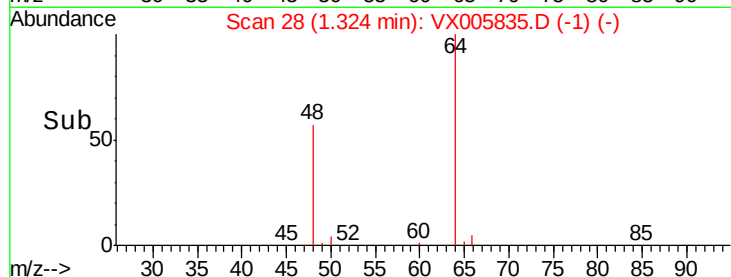
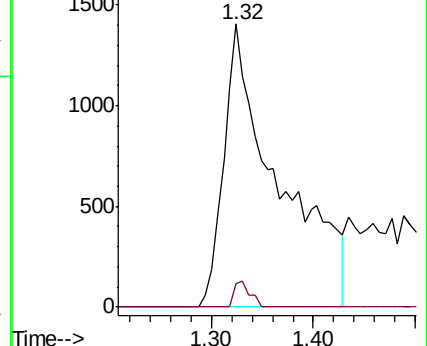
50 100

52 8.3 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 0.698 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005835.D

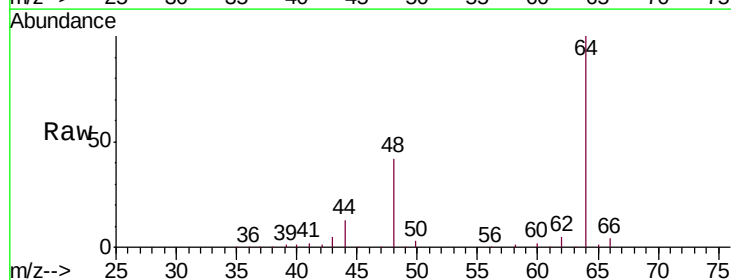
Acq: 07 Nov 2018 18:38

Tgt Ion: 62 Resp: 1052

Ion Ratio Lower Upper

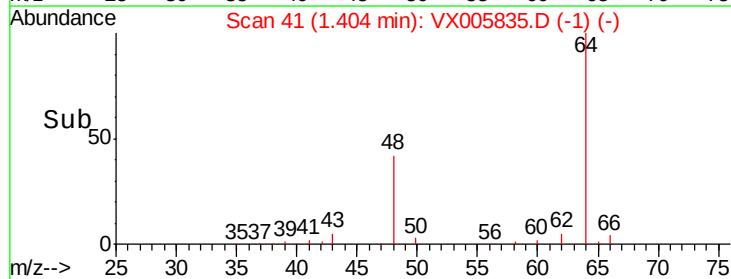
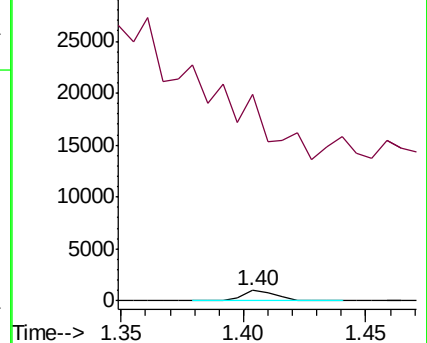
62 100

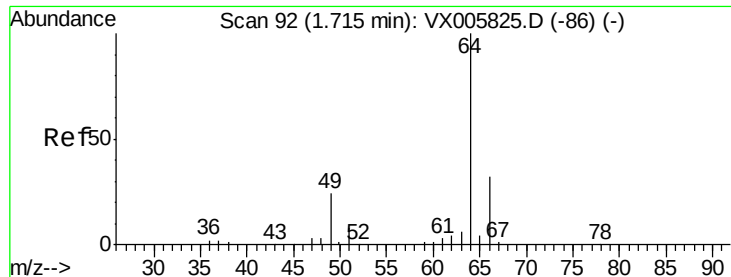
64 401.1 25.3 37.9#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#6

Chloroethane

Concen: 0.882 ug/l

RT: 1.90 min Scan# 122

Delta R.T. 0.18 min

Lab File: VX005835.D

Acq: 07 Nov 2018 18:38

Instrument :

MSVOA_X

ClientSampled :

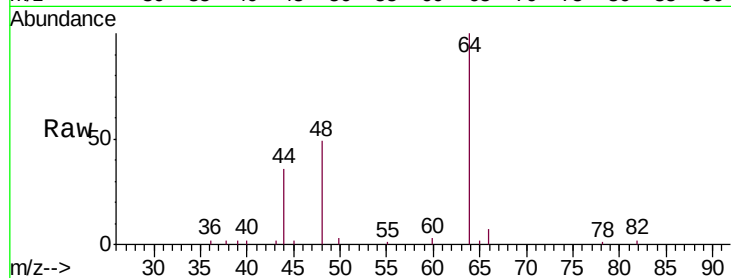
S81-0101

Tgt Ion: 64 Resp: 793

Ion Ratio Lower Upper

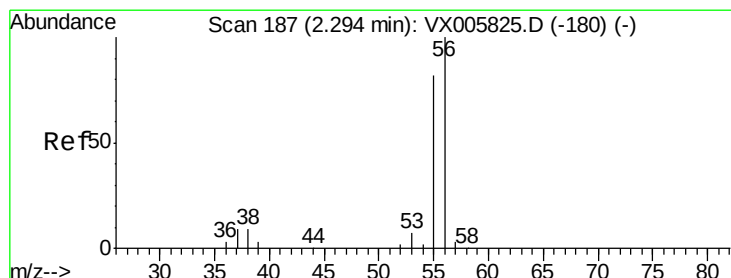
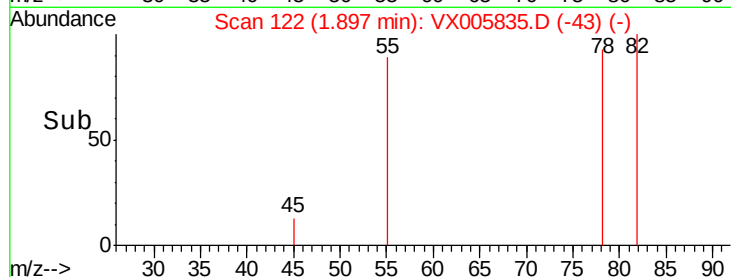
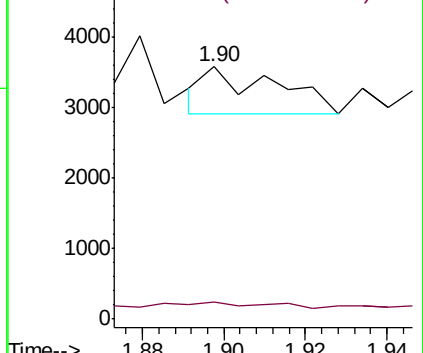
64 100

66 9.5 25.8 38.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#13

Acrolein

Concen: 22.447 ug/l

RT: 2.40 min Scan# 204

Delta R.T. 0.10 min

Lab File: VX005835.D

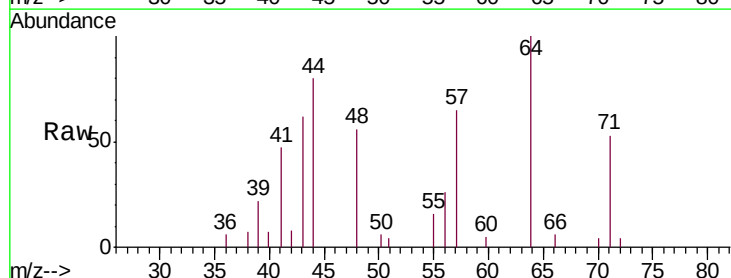
Acq: 07 Nov 2018 18:38

Tgt Ion: 56 Resp: 708

Ion Ratio Lower Upper

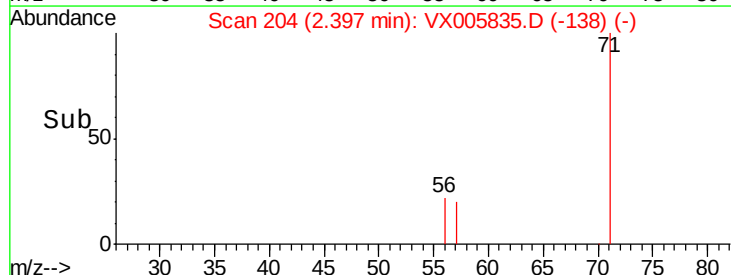
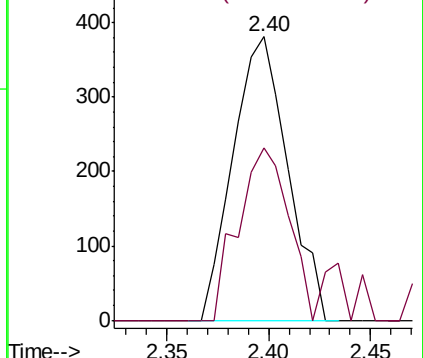
56 100

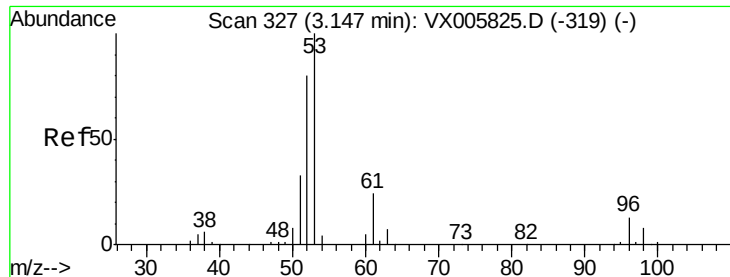
55 56.4 57.3 85.9#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#15

Acrylonitrile

Concen: 0.772 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.02 min

Lab File: VX005835.D

Acq: 07 Nov 2018 18:38

Instrument :

MSVOA_X

ClientSampled :

S81-0101

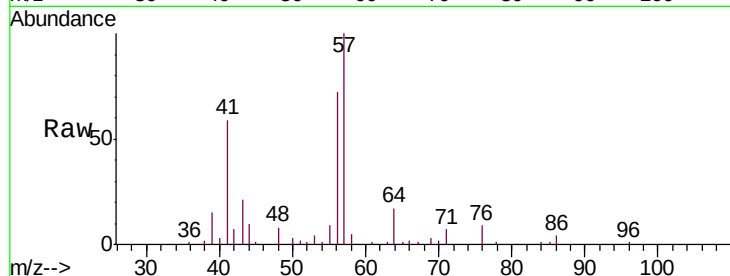
Tgt Ion: 53 Resp: 668

Ion Ratio Lower Upper

53 100

52 31.4 66.6 99.8#

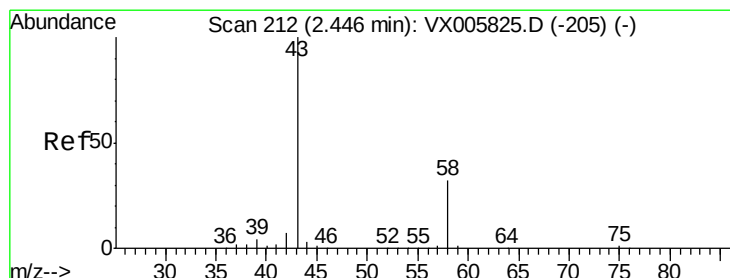
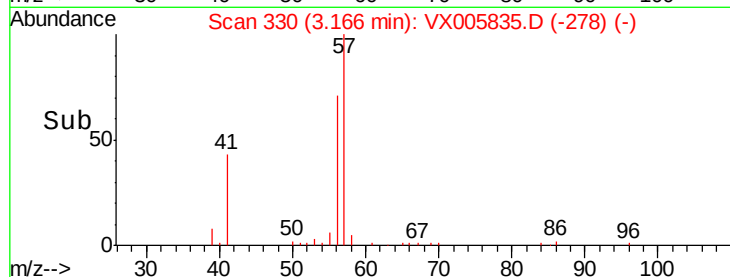
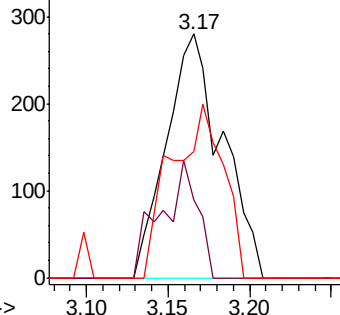
51 66.2 28.4 42.6#



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



#16

Acetone

Concen: 28.792 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005835.D

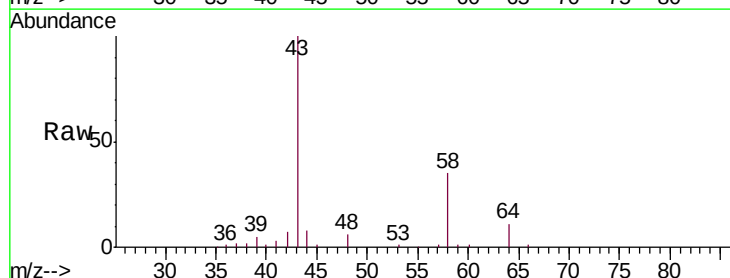
Acq: 07 Nov 2018 18:38

Tgt Ion: 43 Resp: 22600

Ion Ratio Lower Upper

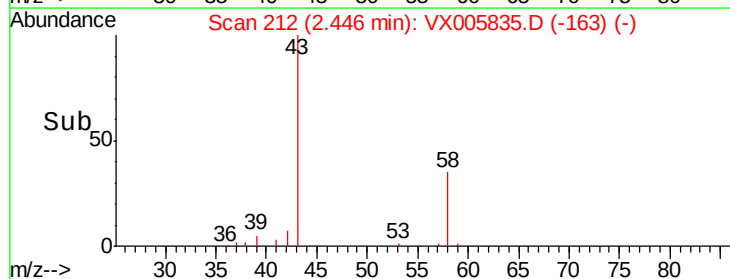
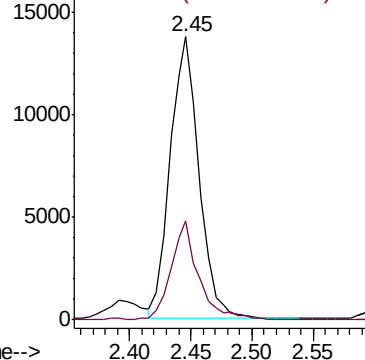
43 100

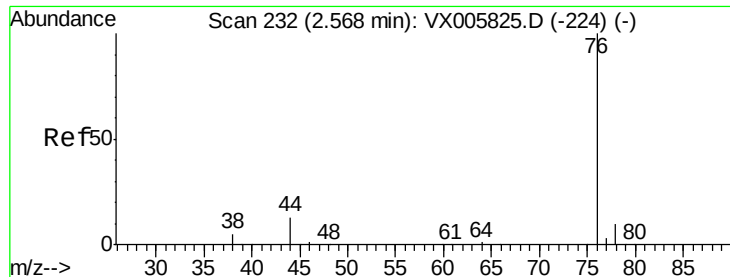
58 34.6 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

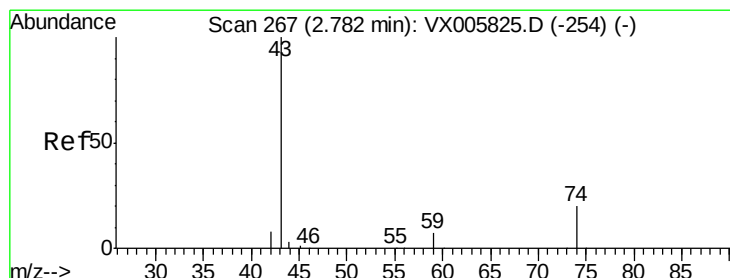
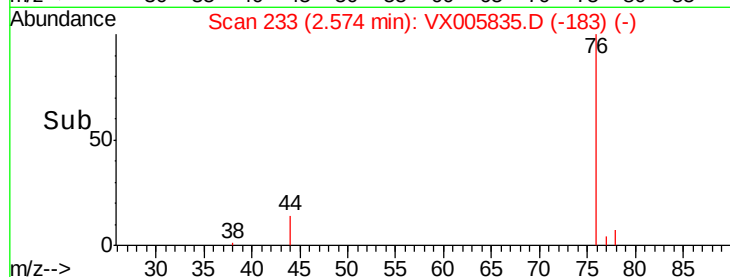
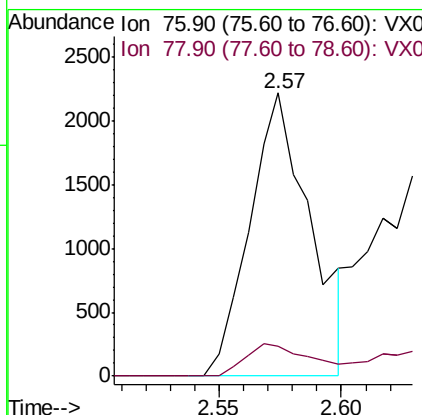
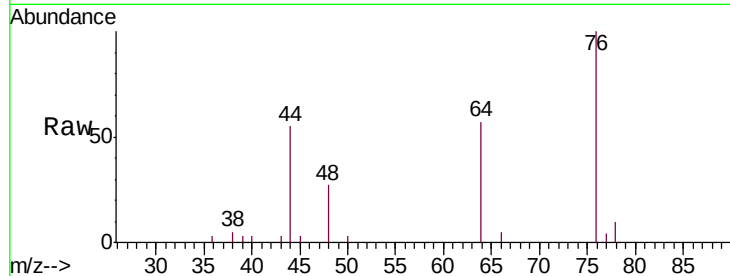




#17
Carbon Disulfide
Concen: 1.146 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX005835.D
Acq: 07 Nov 2018 18:38

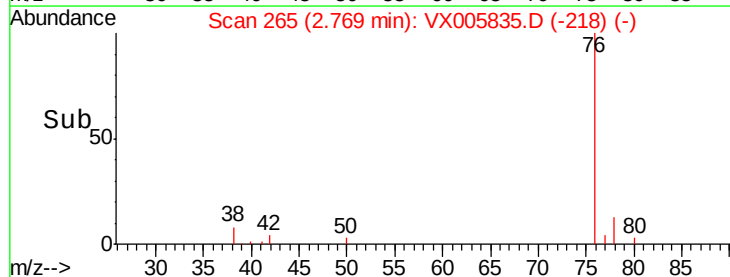
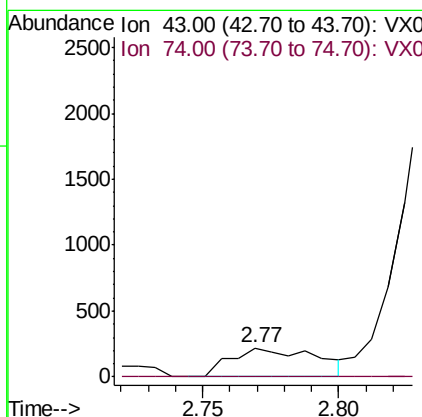
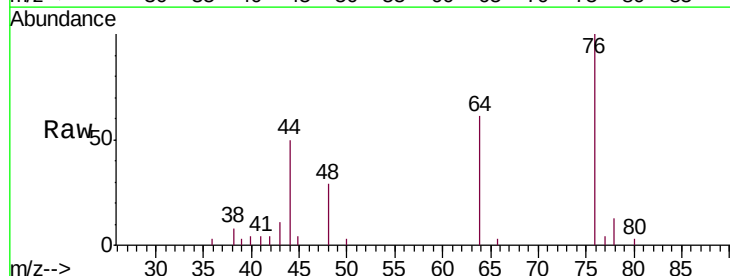
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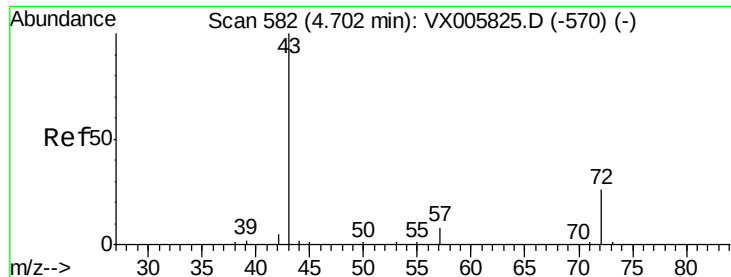
Tgt Ion: 76 Resp: 3833
Ion Ratio Lower Upper
76 100
78 10.4 7.3 10.9



#18
Methyl Acetate
Concen: Below Cal
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX005835.D
Acq: 07 Nov 2018 18:38

Tgt Ion: 43 Resp: 482
Ion Ratio Lower Upper
43 100
74 0.0 16.8 25.2#





#25

2-Butanone

Concen: 1.816 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005835.D

Acq: 07 Nov 2018 18:38

Instrument :

MSVOA_X

ClientSampled :

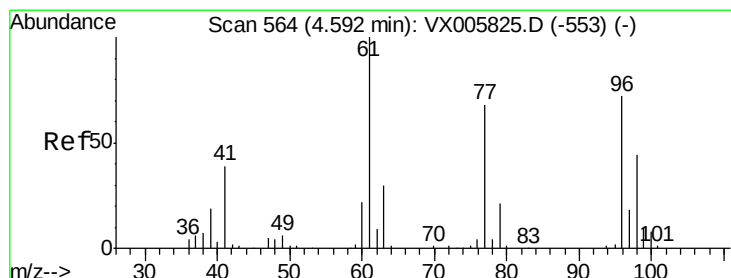
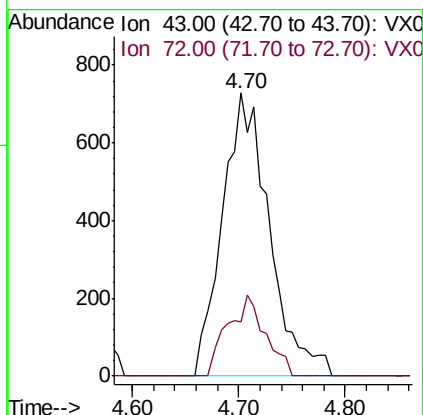
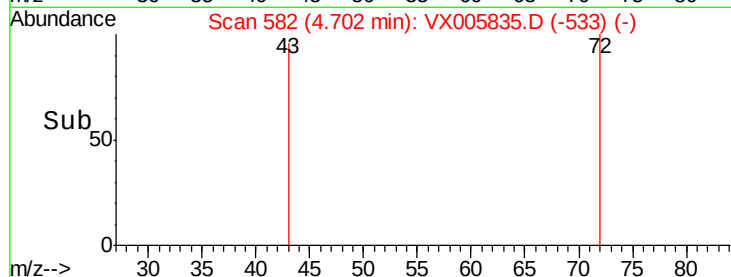
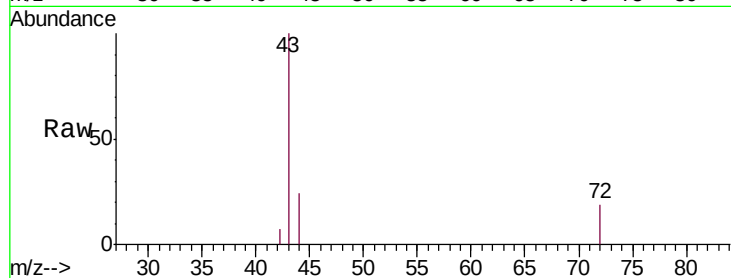
S81-0101

Tgt Ion: 43 Resp: 2241

Ion Ratio Lower Upper

43 100

72 19.2 19.2 28.8



#27

cis-1,2-Dichloroethene

Concen: 2.078 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.00 min

Lab File: VX005835.D

Acq: 07 Nov 2018 18:38

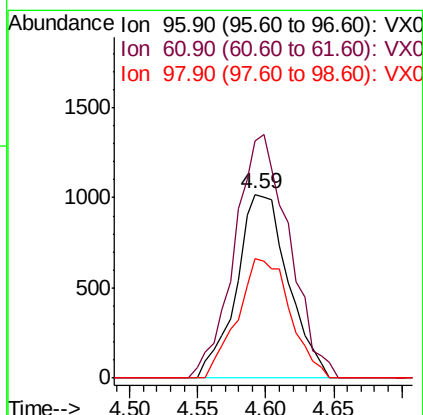
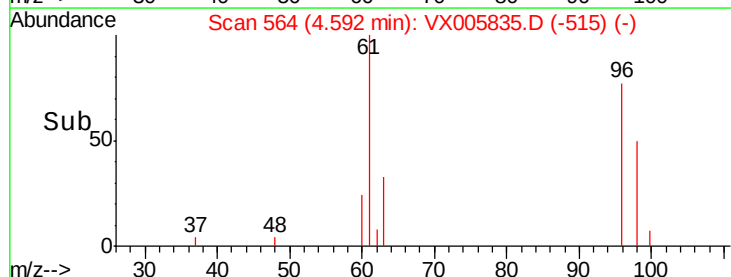
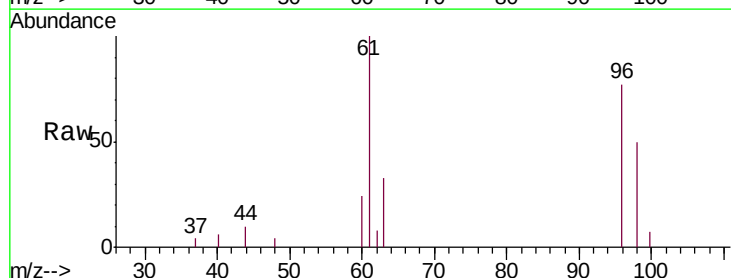
Tgt Ion: 96 Resp: 2712

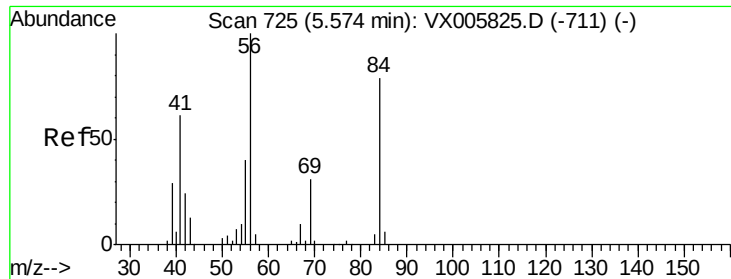
Ion Ratio Lower Upper

96 100

61 139.7 0.0 304.6

98 66.0 0.0 127.4





#31

Cyclohexane

Concen: 7.028 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX005835.D

Acq: 07 Nov 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

S81-0101

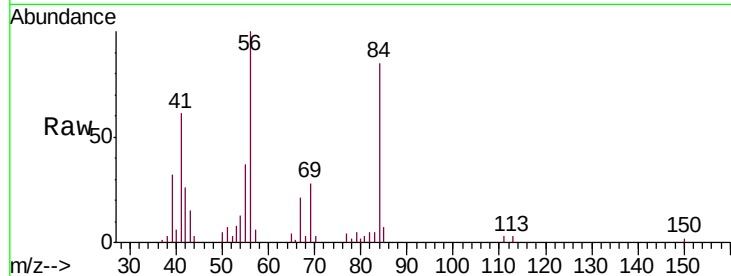
Tgt Ion: 56 Resp: 14274

Ion Ratio Lower Upper

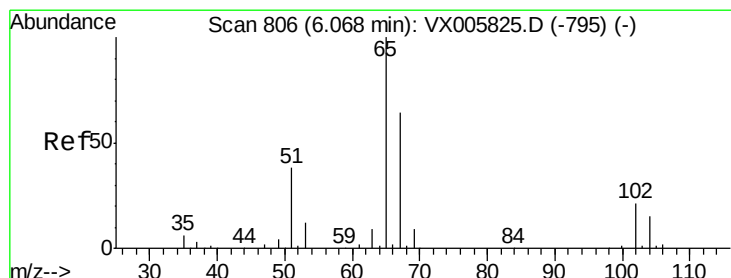
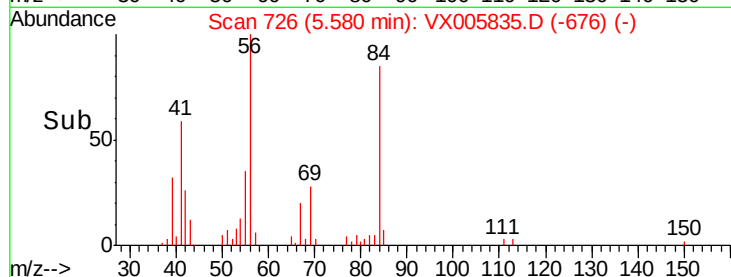
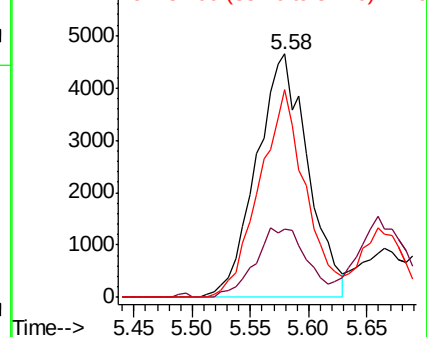
56 100

69 27.9 22.6 34.0

84 85.5 62.7 94.1



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



#33

1,2-Dichloroethane-d4

Concen: 50.705 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX005835.D

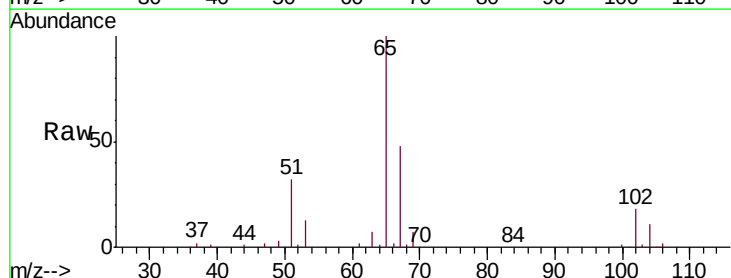
Acq: 07 Nov 2018 18:38

Tgt Ion: 65 Resp: 73920

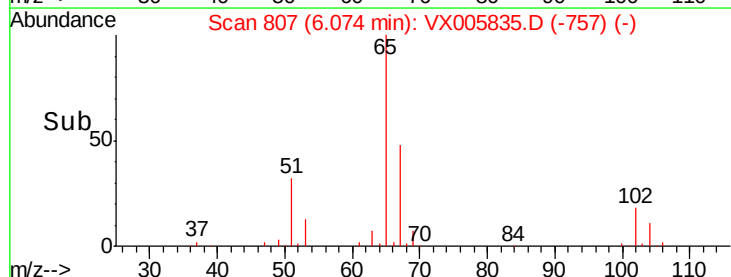
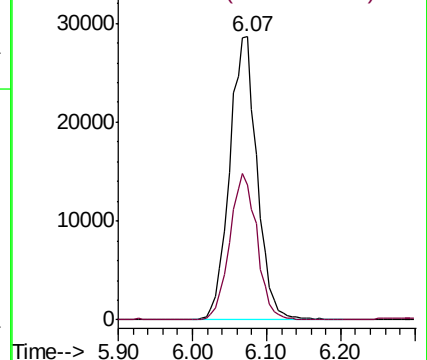
Ion Ratio Lower Upper

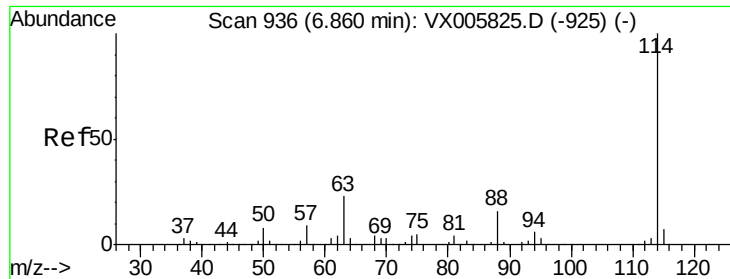
65 100

67 51.1 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

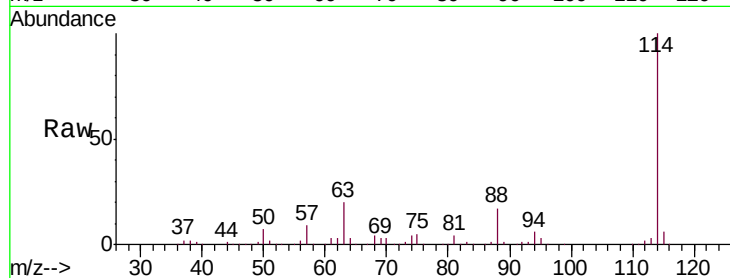




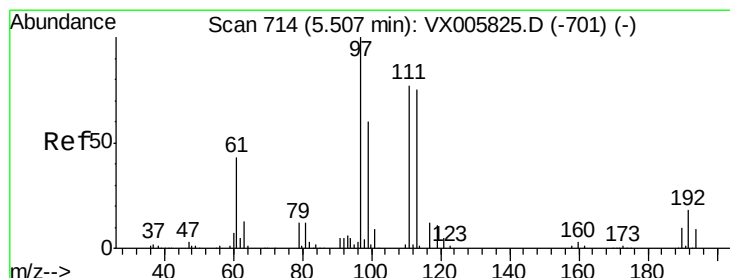
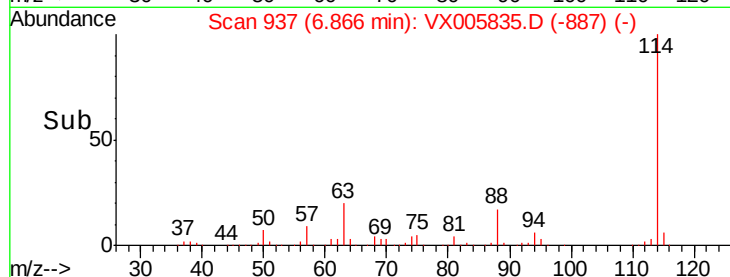
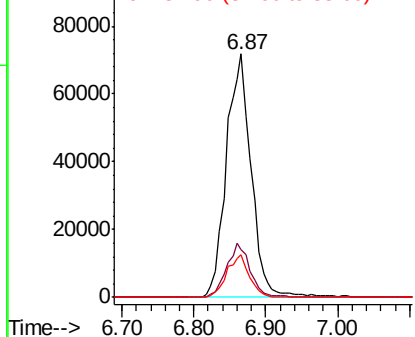
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 937
Delta R.T. 0.01 min
Lab File: VX005835.D
Acq: 07 Nov 2018 18:38

Instrument :
MSVOA_X
ClientSampleId :
S81-0101

Tgt Ion:114 Resp: 172314
Ion Ratio Lower Upper
114 100
63 19.8 0.0 42.8
88 17.3 0.0 31.2

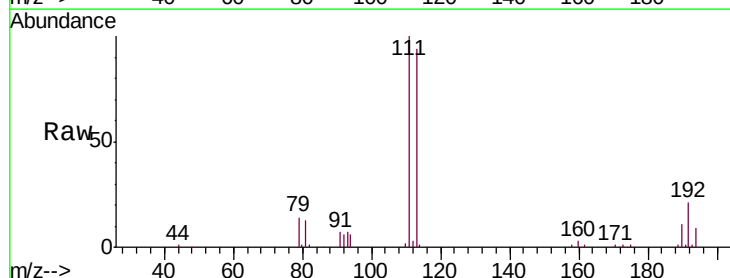


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

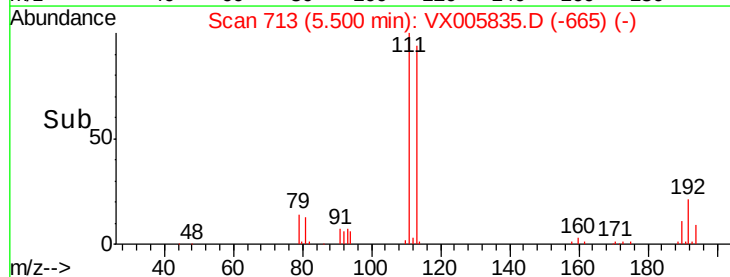
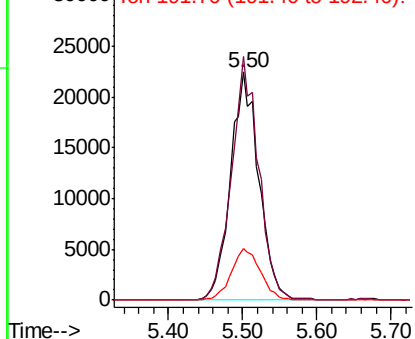


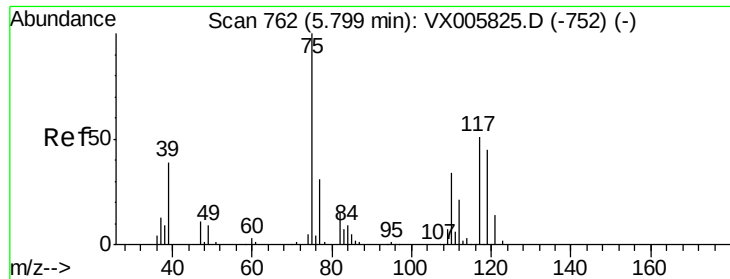
#35
Dibromofluoromethane
Concen: 51.031 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.01 min
Lab File: VX005835.D
Acq: 07 Nov 2018 18:38

Tgt Ion:113 Resp: 59808
Ion Ratio Lower Upper
113 100
111 102.6 82.3 123.5
192 23.2 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

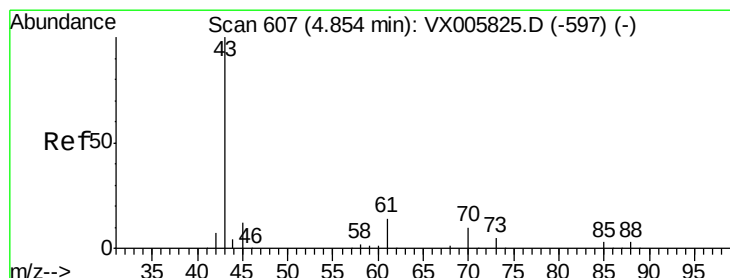
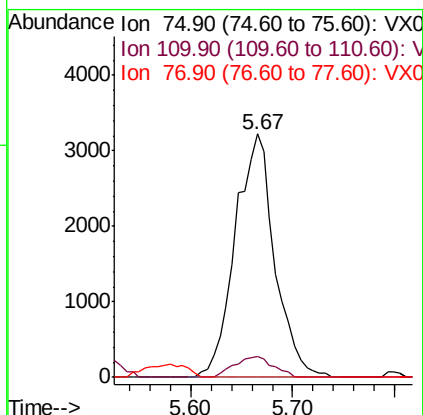
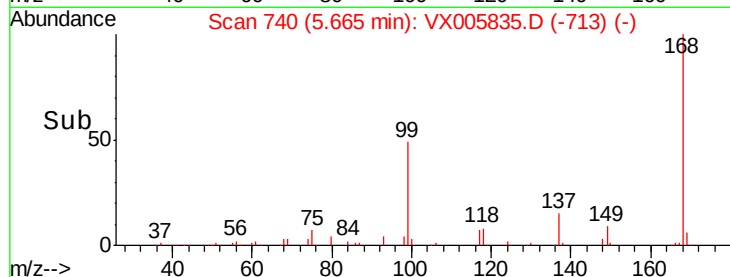
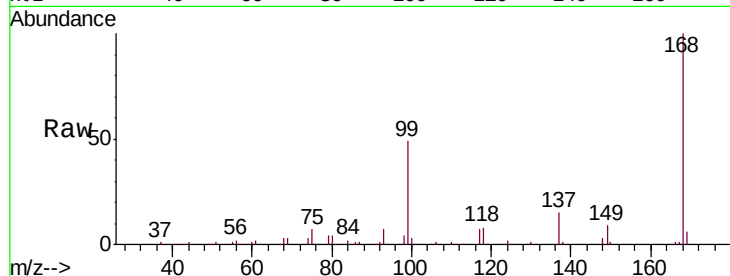




#36
 1,1-Dichloropropene
 Concen: 5.214 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX005835.D
 Acq: 07 Nov 2018 18:38

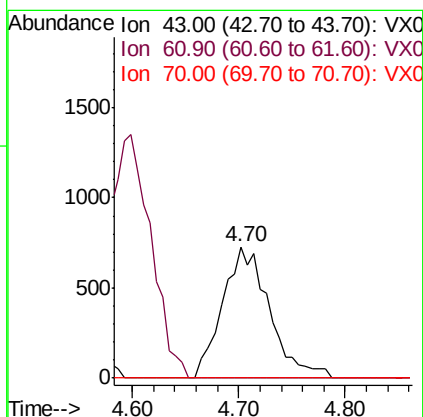
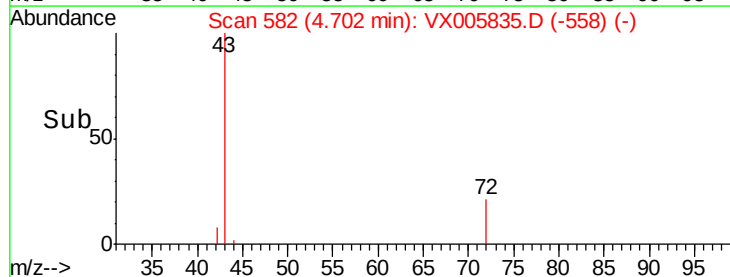
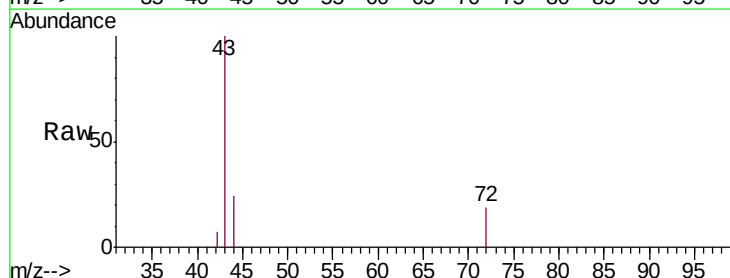
Instrument :
 MSVOA_X
 ClientSampled :
 S81-0101

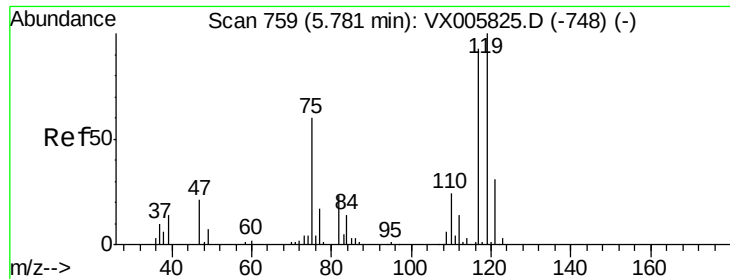
Tgt Ion: 75 Resp: 8662
 Ion Ratio Lower Upper
 75 100
 110 8.4 17.4 52.2#
 77 0.0 25.8 38.6#



#37
 Ethyl Acetate
 Concen: 1.026 ug/l
 RT: 4.70 min Scan# 582
 Delta R.T. -0.15 min
 Lab File: VX005835.D
 Acq: 07 Nov 2018 18:38

Tgt Ion: 43 Resp: 2241
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.8 16.2#
 70 0.0 7.8 11.8#

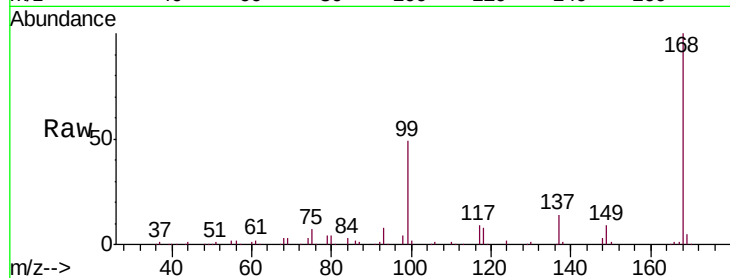




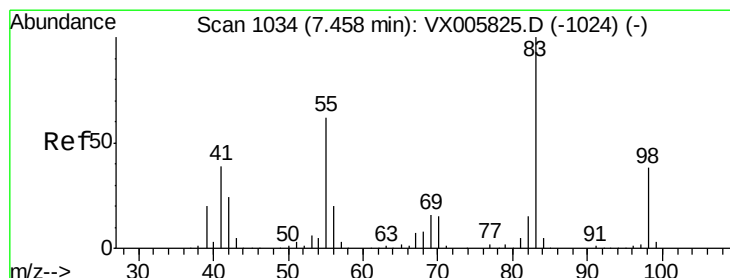
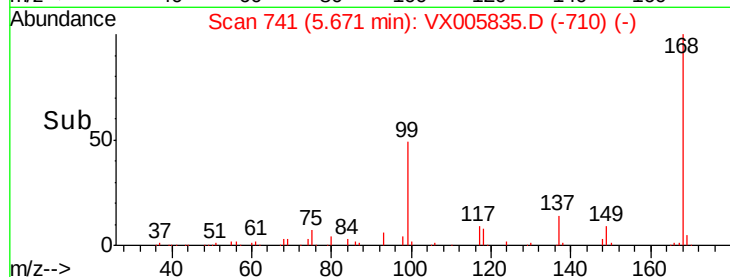
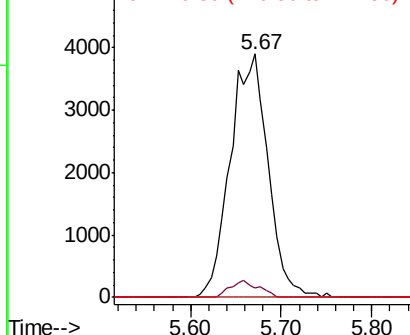
#38
Carbon Tetrachloride
Concen: 6.802 ug/l
RT: 5.67 min Scan# 741
Delta R.T. -0.11 min
Lab File: VX005835.D
Acq: 07 Nov 2018 18:38

Instrument :
MSVOA_X
ClientSampled :
S81-0101

Tgt Ion: 117 Resp: 11312
Ion Ratio Lower Upper
117 100
119 4.0 78.1 117.1#
121 0.0 24.6 36.8#

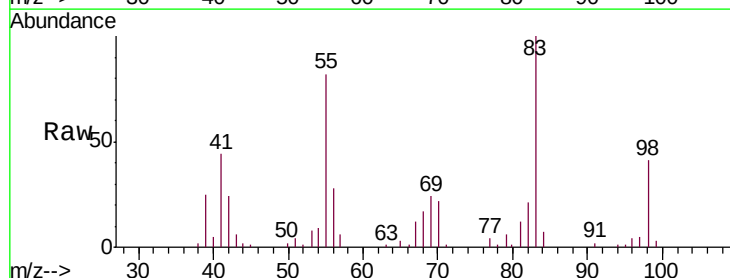


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

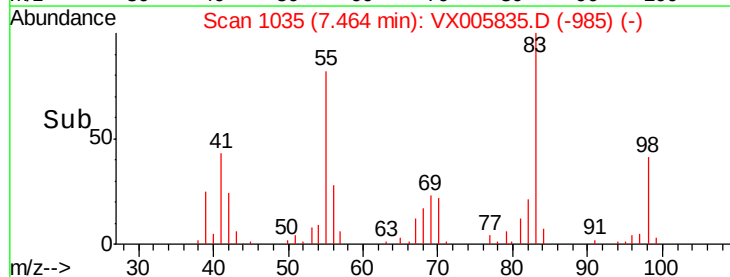
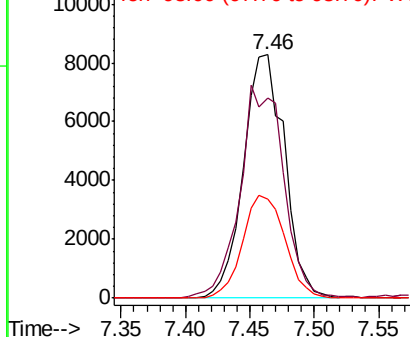


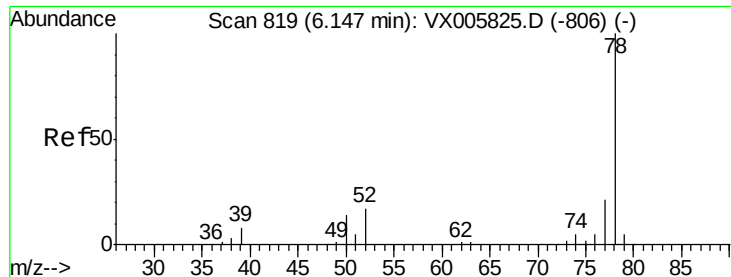
#39
Methylcyclohexane
Concen: 10.843 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005835.D
Acq: 07 Nov 2018 18:38

Tgt Ion: 83 Resp: 18255
Ion Ratio Lower Upper
83 100
55 81.2 63.7 95.5
98 40.9 36.2 54.2



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

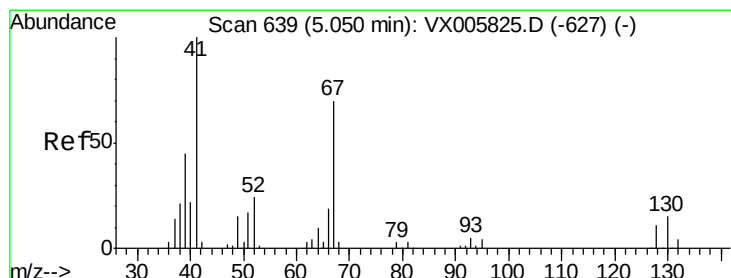
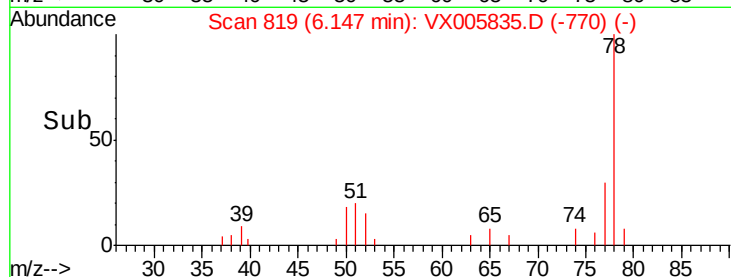
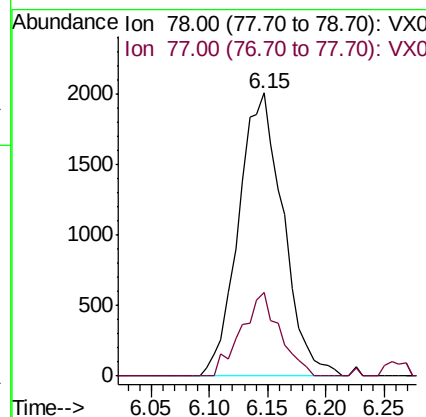
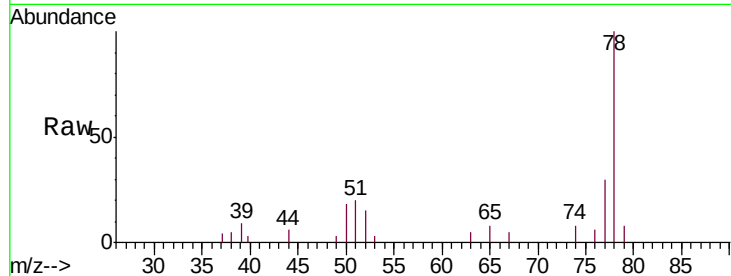




#40
Benzene
Concen: 1.108 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX005835.D
Acq: 07 Nov 2018 18:38

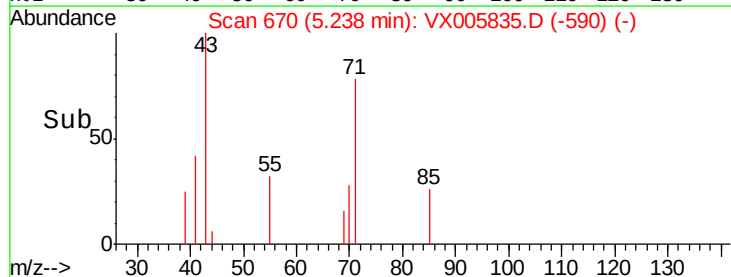
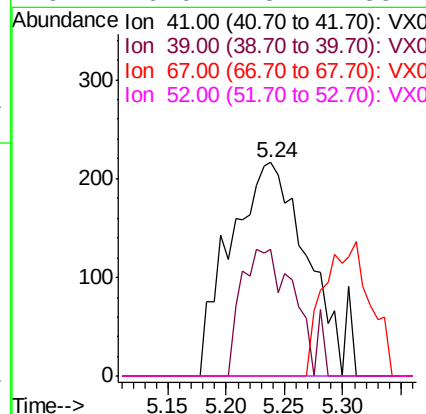
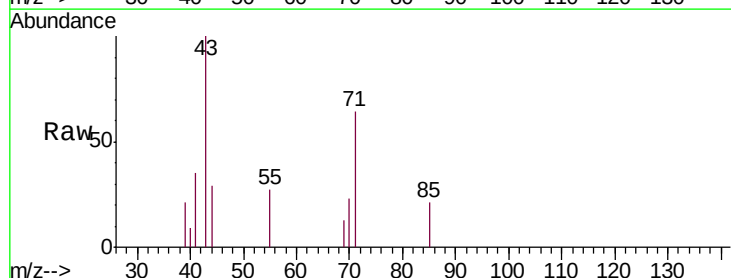
Instrument :
MSVOA_X
ClientSampleId :
S81-0101

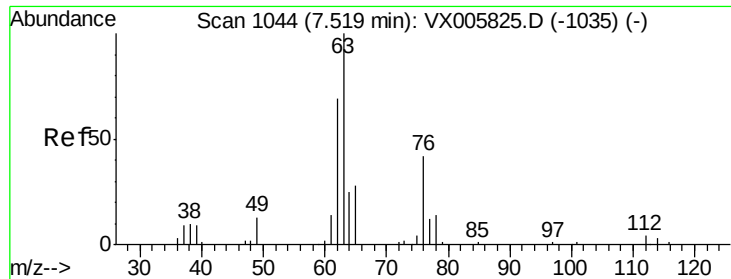
Tgt Ion: 78 Resp: 5364
Ion Ratio Lower Upper
78 100
77 29.5 18.4 27.6#



#41
Methacrylonitrile
Concen: 0.824 ug/l
RT: 5.24 min Scan# 670
Delta R.T. 0.19 min
Lab File: VX005835.D
Acq: 07 Nov 2018 18:38

Tgt Ion: 41 Resp: 973
Ion Ratio Lower Upper
41 100
39 40.6 42.2 63.2#
67 0.0 53.4 80.0#
52 0.0 23.4 35.2#

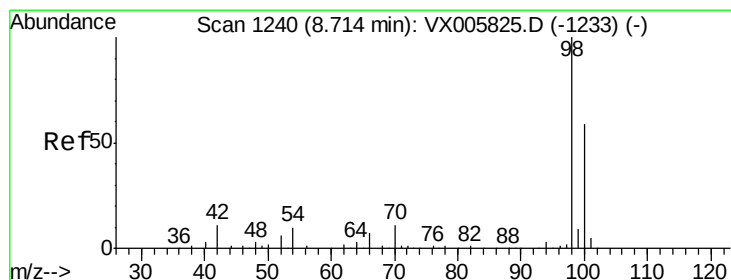
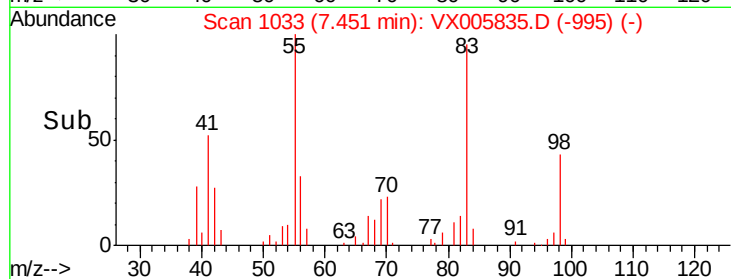
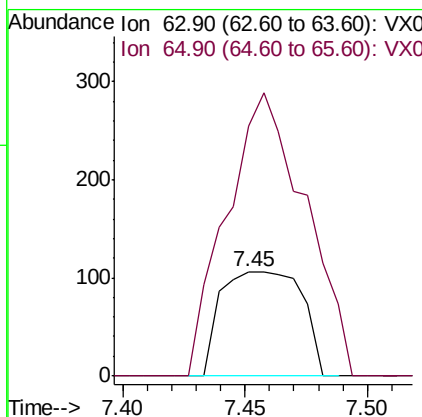
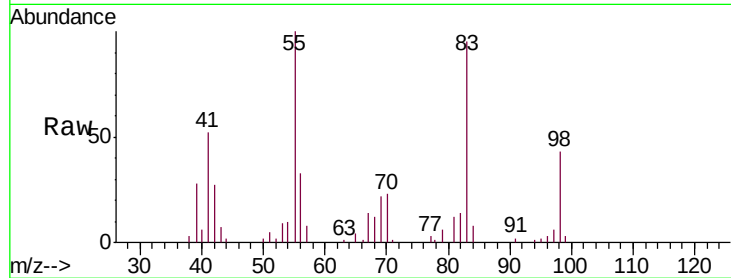




#45
 1,2-Dichloropropane
 Concen: 0.209 ug/l
 RT: 7.45 min Scan# 1033
 Delta R.T. -0.07 min
 Lab File: VX005835.D
 Acq: 07 Nov 2018 18:38

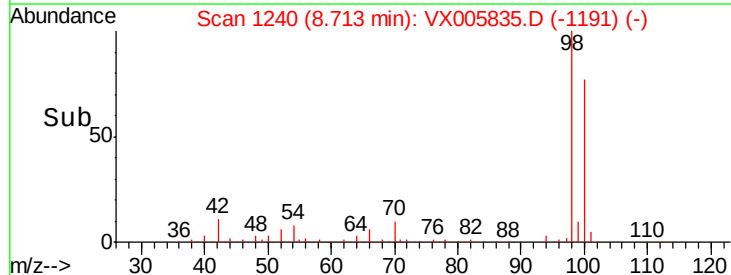
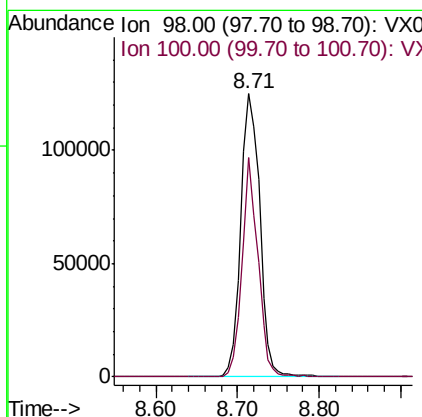
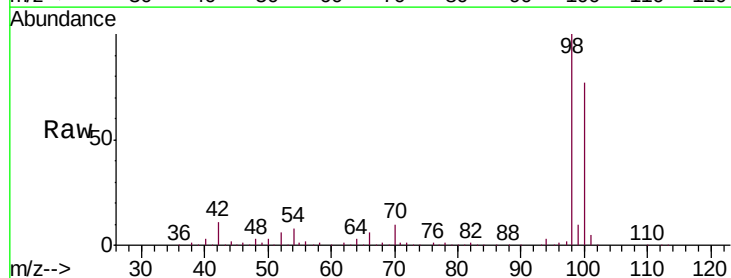
Instrument :
 MSVOA_X
 ClientSampleId :
 S81-0101

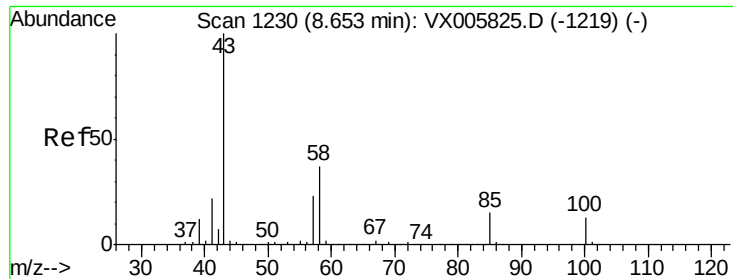
Tgt Ion: 63 Resp: 246
 Ion Ratio Lower Upper
 63 100
 65 240.6 24.8 37.2#



#50
 Toluene-d8
 Concen: 51.469 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX005835.D
 Acq: 07 Nov 2018 18:38

Tgt Ion: 98 Resp: 200543
 Ion Ratio Lower Upper
 98 100
 100 65.1 51.3 76.9





#51

4-Methyl-2-Pentanone

Concen: 0.362 ug/l

RT: 8.66 min Scan# 1231

Delta R.T. 0.01 min

Lab File: VX005835.D

Acq: 07 Nov 2018 18:38

Instrument :

MSVOA_X

ClientSampled :

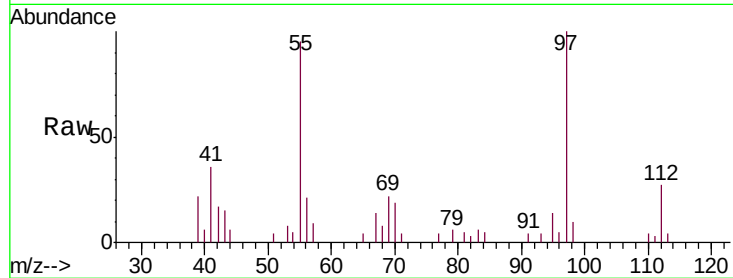
S81-0101

Tgt Ion: 43 Resp: 723

Ion Ratio Lower Upper

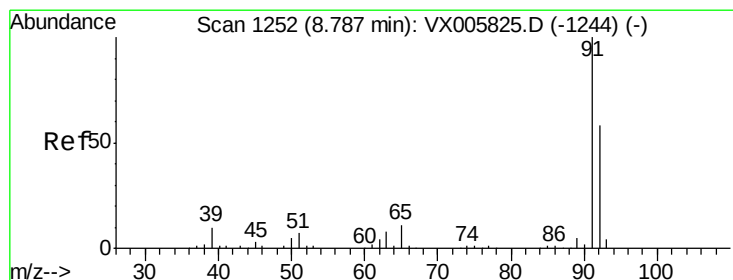
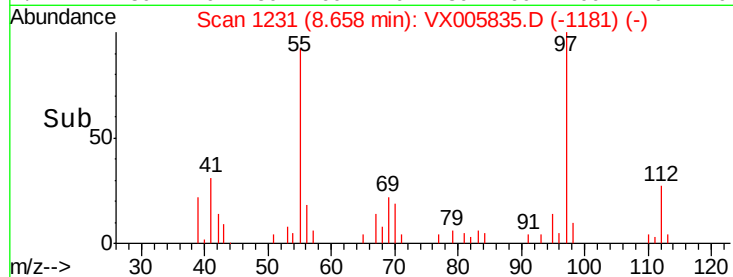
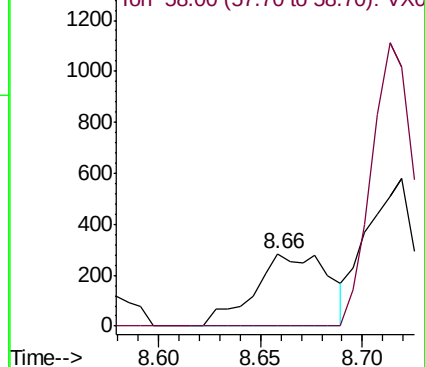
43 100

58 0.0 29.7 44.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 0.457 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005835.D

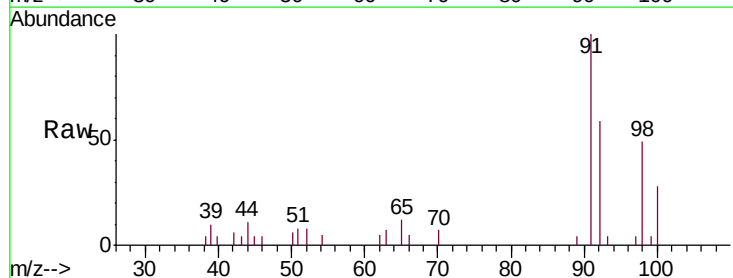
Acq: 07 Nov 2018 18:38

Tgt Ion: 92 Resp: 1238

Ion Ratio Lower Upper

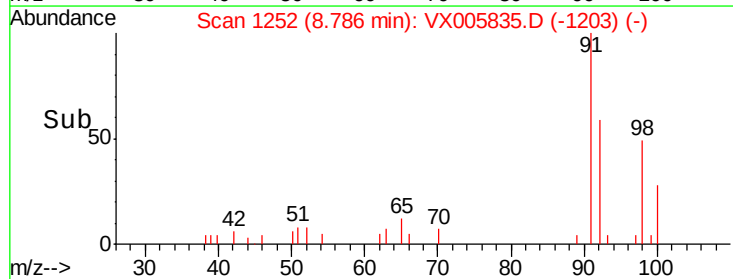
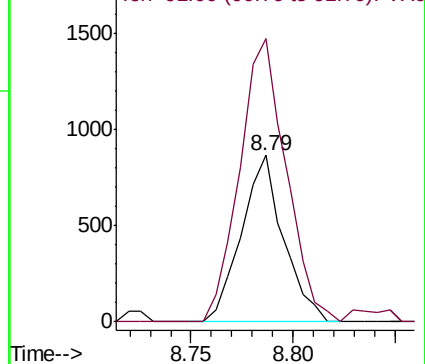
92 100

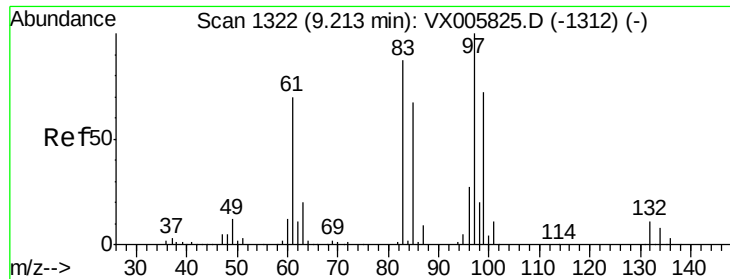
91 188.5 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#55

1,1,2-Trichloroethane

Concen: 2.122 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX005835.D

Acq: 07 Nov 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

S81-0101

Tgt Ion: 97 Resp: 2560

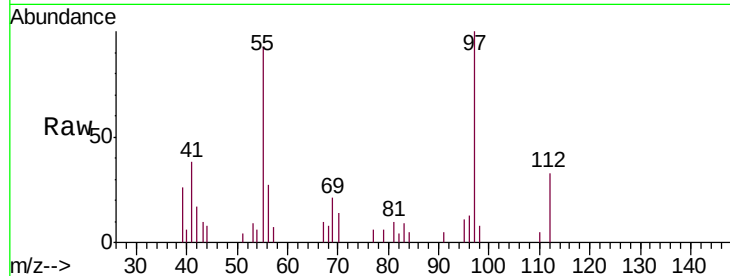
Ion Ratio Lower Upper

97 100

83 9.4 70.7 106.1#

85 0.0 45.8 68.6#

99 0.0 51.8 77.8#

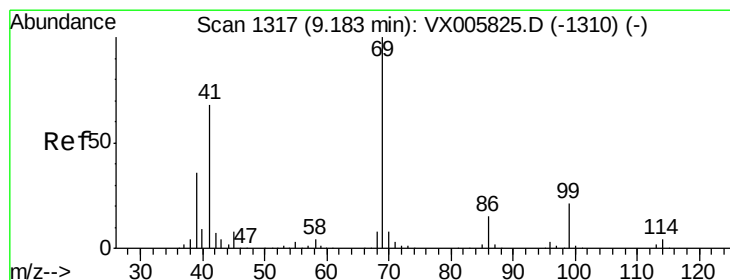
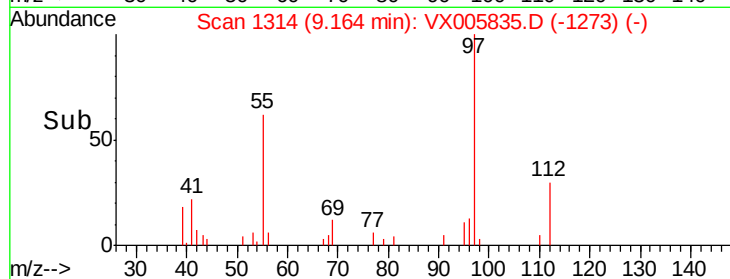
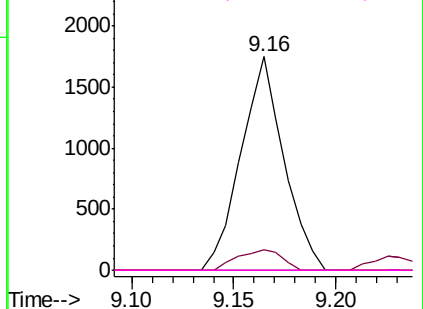


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 0.375 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.02 min

Lab File: VX005835.D

Acq: 07 Nov 2018 18:38

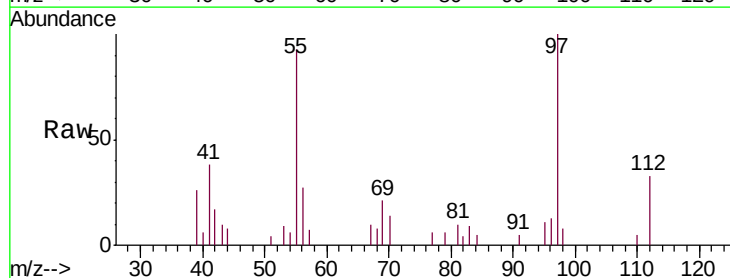
Tgt Ion: 69 Resp: 676

Ion Ratio Lower Upper

69 100

41 193.0 57.0 85.6#

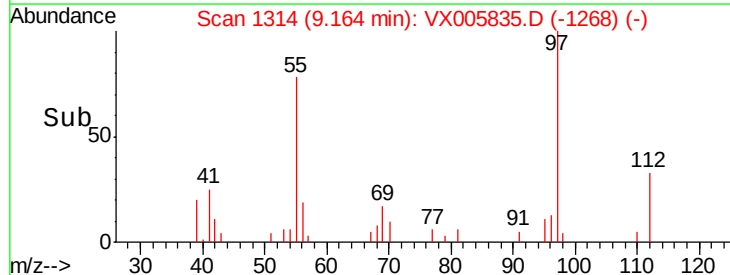
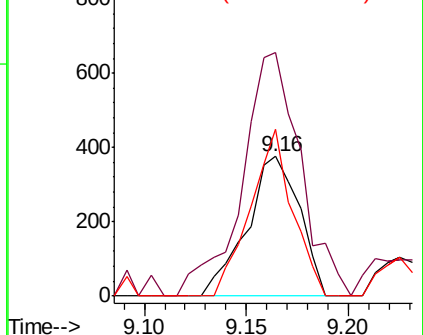
39 95.9 28.3 42.5#

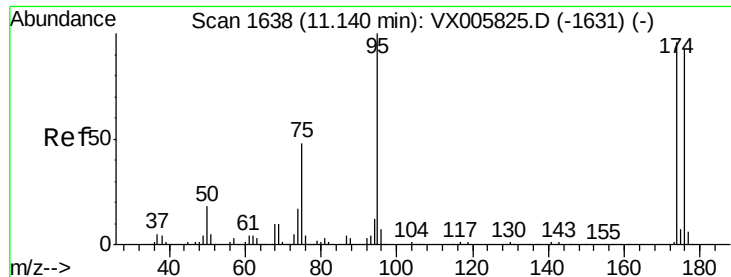


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

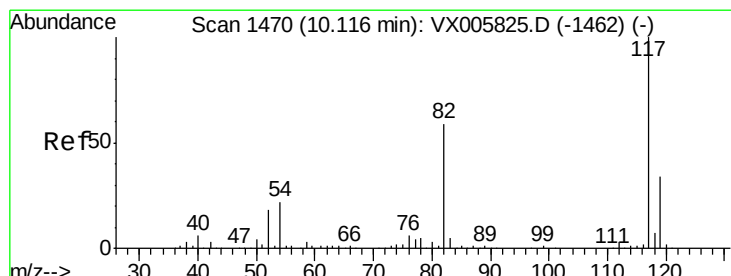
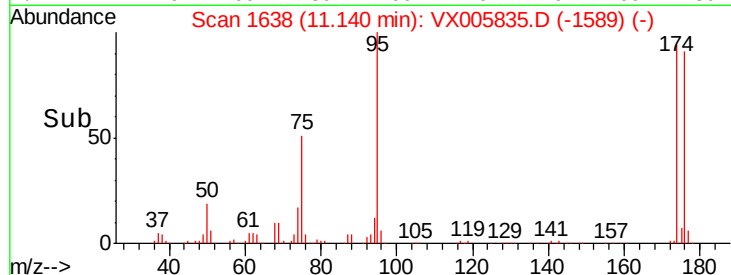
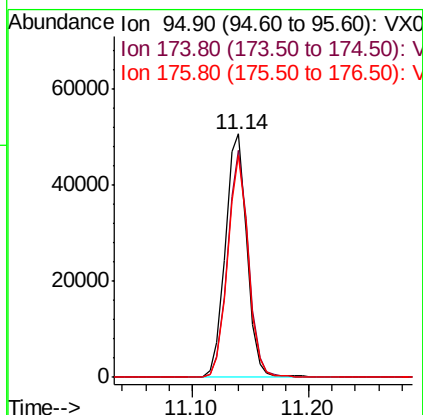
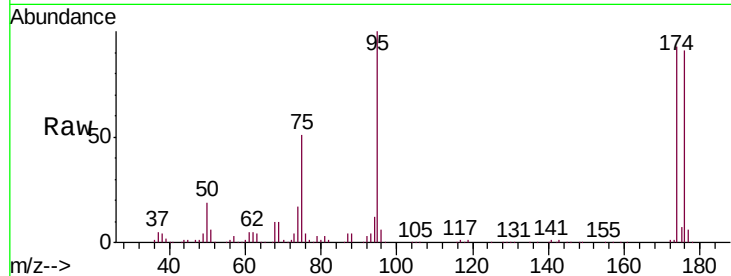




#62
4-Bromofluorobenzene
Concen: 46.601 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005835.D
Acq: 07 Nov 2018 18:38

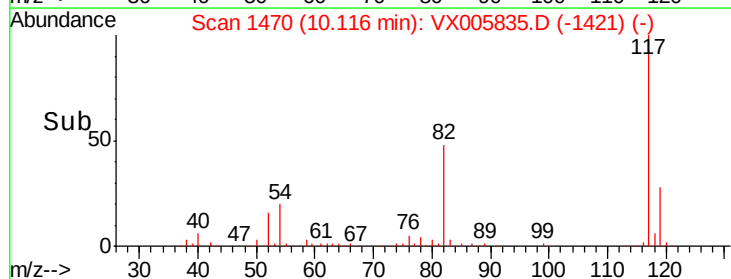
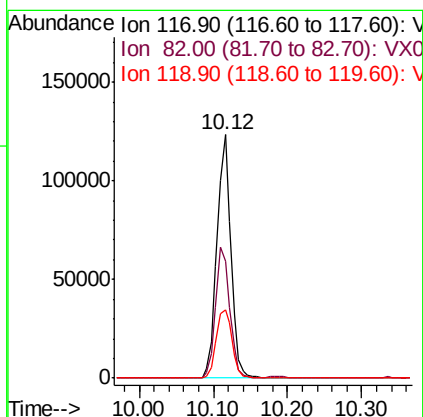
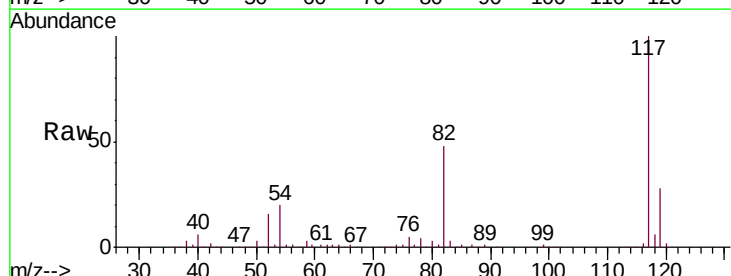
Instrument :
MSVOA_X
ClientSampleId :
S81-0101

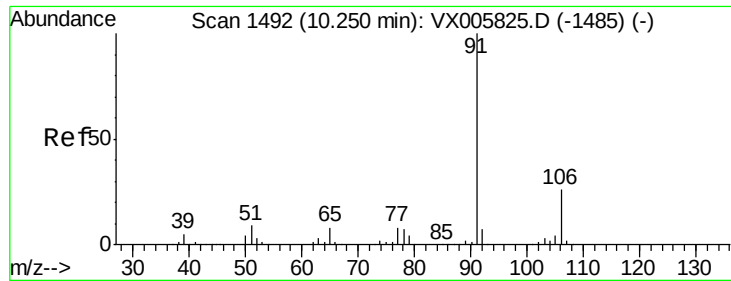
Tgt Ion: 95 Resp: 65283
Ion Ratio Lower Upper
95 100
174 90.0 0.0 184.4
176 87.2 0.0 177.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005835.D
Acq: 07 Nov 2018 18:38

Tgt Ion: 117 Resp: 158956
Ion Ratio Lower Upper
117 100
82 48.1 44.1 66.1
119 28.1 26.2 39.2

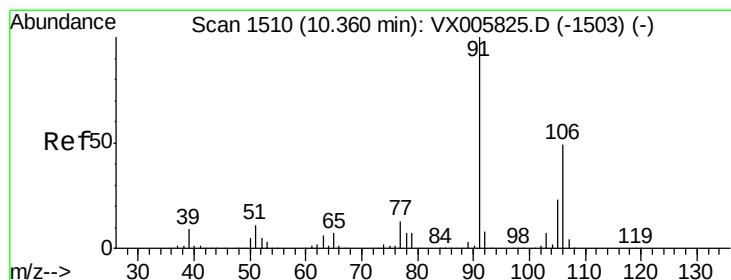
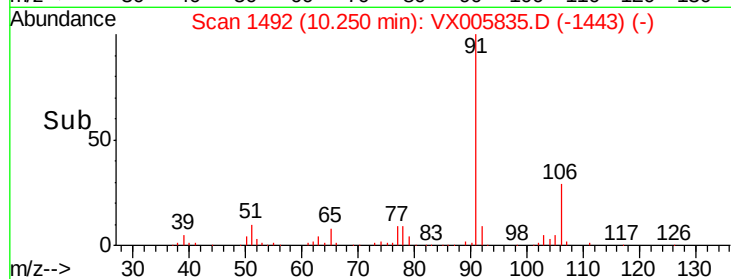
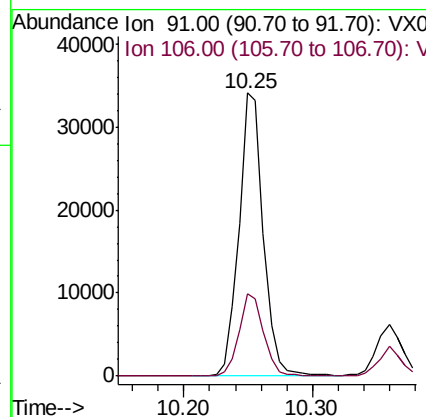
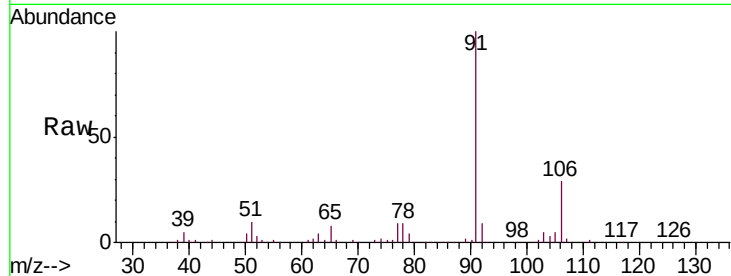




#67
Ethyl Benzene
Concen: 8.827 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX005835.D
Acq: 07 Nov 2018 18:38

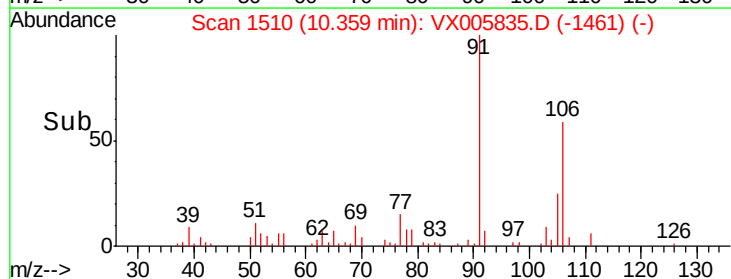
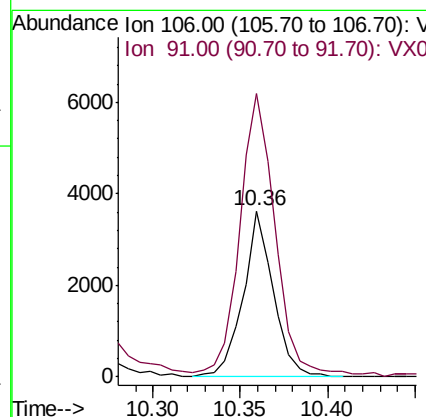
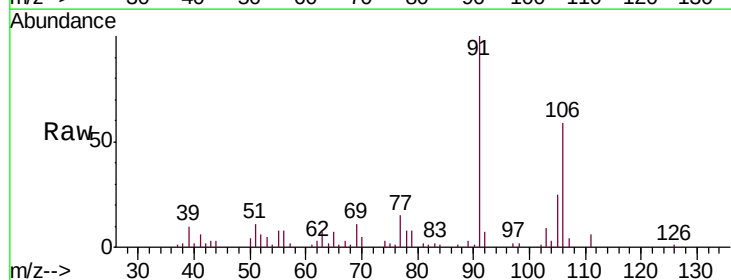
Instrument :
MSVOA_X
ClientSampleId :
S81-0101

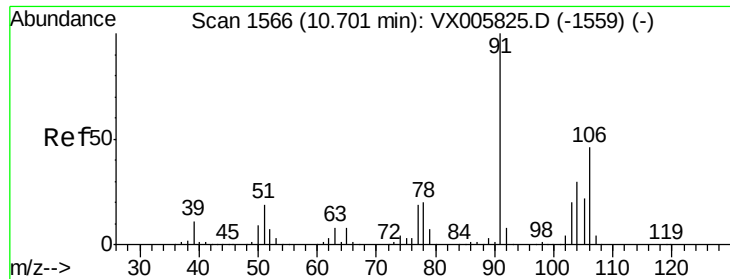
Tgt Ion: 91 Resp: 45071
Ion Ratio Lower Upper
91 100
106 29.3 24.4 36.6



#68
m/p-Xylenes
Concen: 2.236 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005835.D
Acq: 07 Nov 2018 18:38

Tgt Ion: 106 Resp: 4355
Ion Ratio Lower Upper
106 100
91 201.6 164.2 246.4

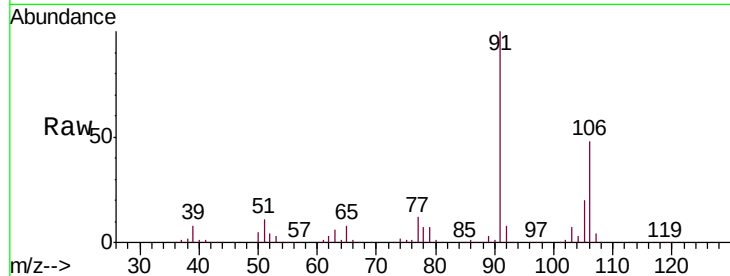




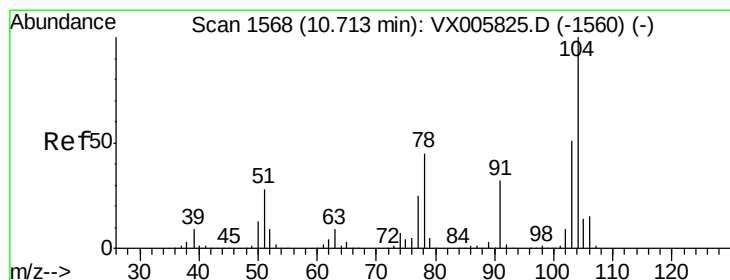
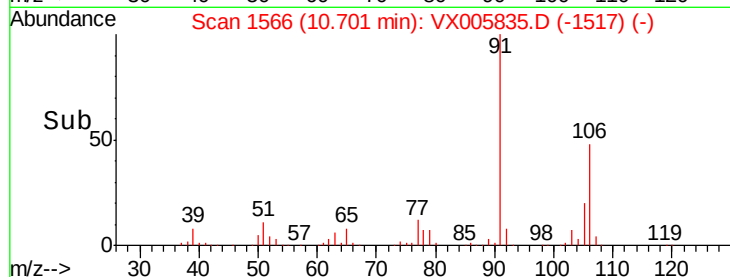
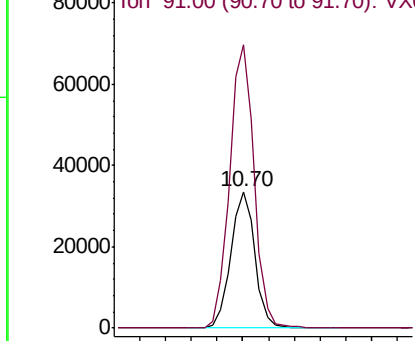
#69
o-Xylene
Concen: 25.127 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005835.D
Acq: 07 Nov 2018 18:38

Instrument :
MSVOA_X
ClientSampled :
S81-0101

Tgt Ion:106 Resp: 43885
Ion Ratio Lower Upper
106 100
91 212.6 108.5 325.5

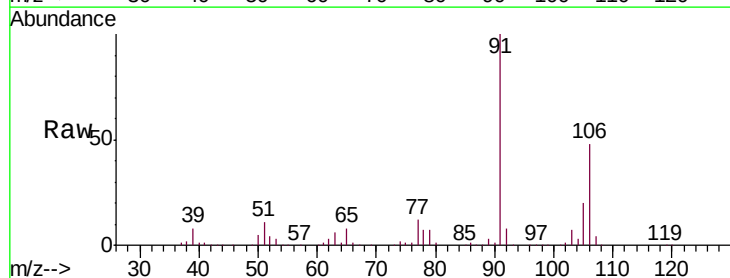


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

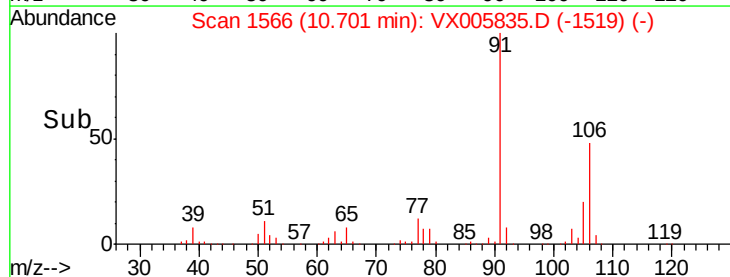
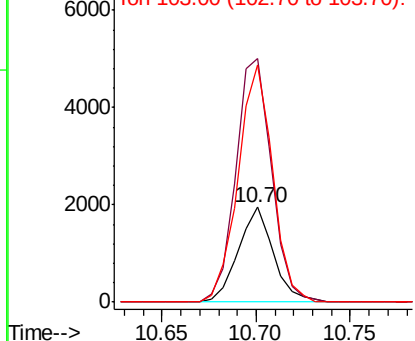


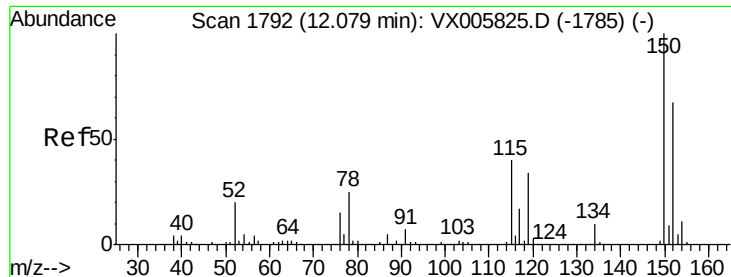
#70
Styrene
Concen: 0.874 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX005835.D
Acq: 07 Nov 2018 18:38

Tgt Ion:104 Resp: 2518
Ion Ratio Lower Upper
104 100
78 261.6 40.2 60.4#
103 245.7 44.9 67.3#



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005835.D

Acq: 07 Nov 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

S81-0101

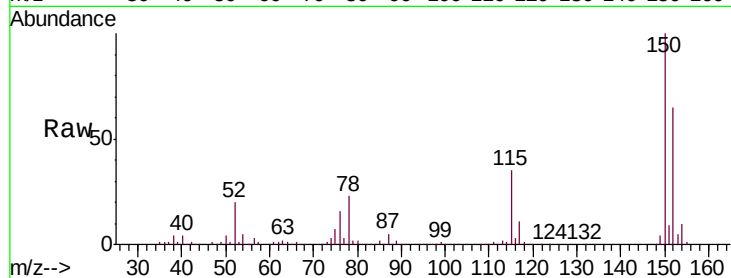
Tgt Ion:152 Resp: 70394

Ion Ratio Lower Upper

152 100

115 55.1 39.4 118.1

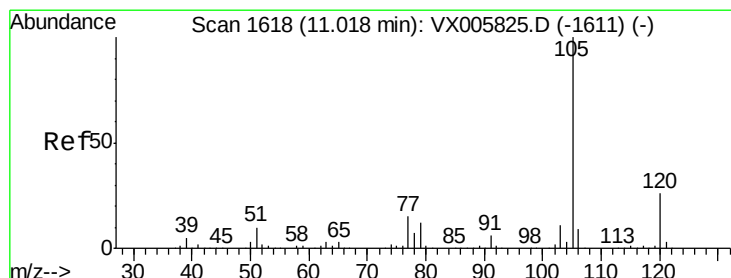
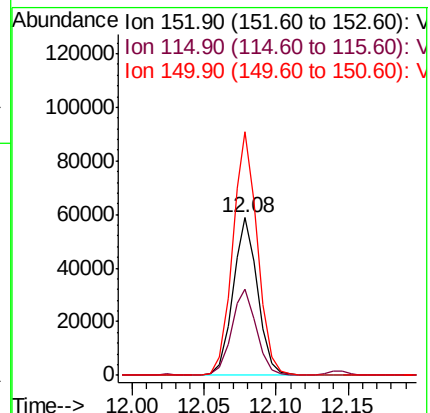
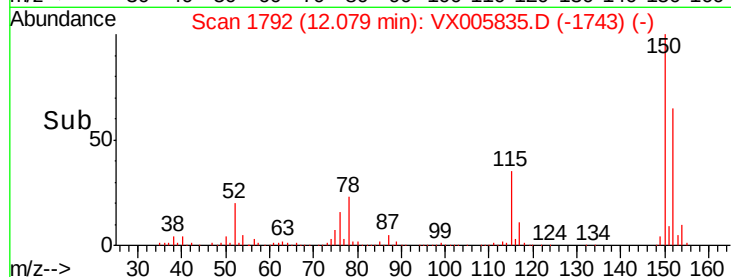
150 154.6 0.0 346.4



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



#73

Isopropylbenzene

Concen: 1.021 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005835.D

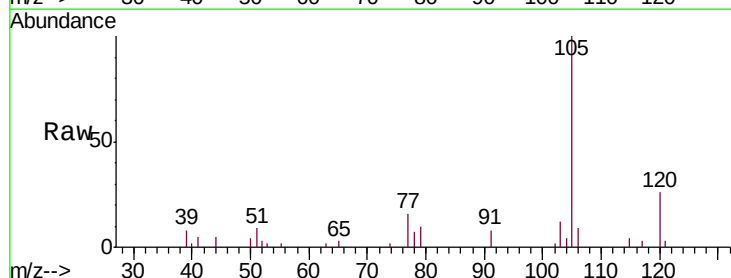
Acq: 07 Nov 2018 18:38

Tgt Ion:105 Resp: 4156

Ion Ratio Lower Upper

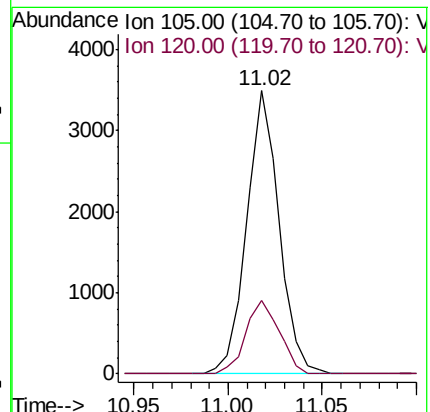
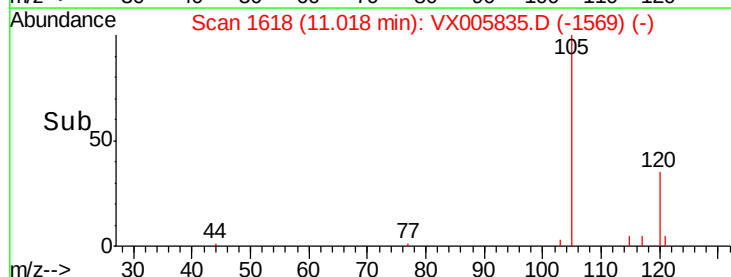
105 100

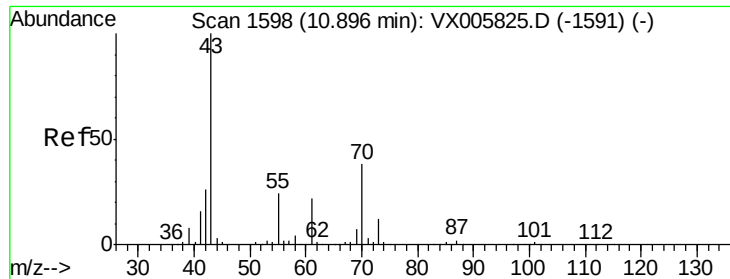
120 26.8 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 1.384 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX005835.D

Acq: 07 Nov 2018 18:38

Instrument :

MSVOA_X

ClientSampled :

S81-0101

Tgt Ion: 43 Resp: 313

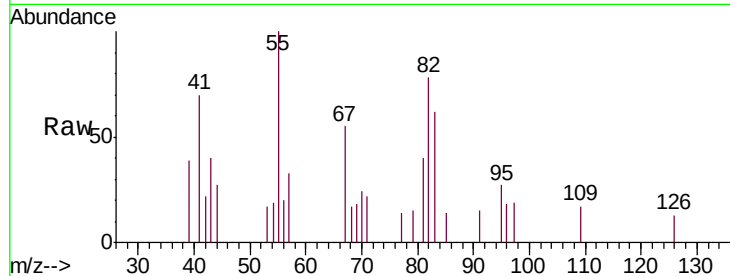
Ion Ratio Lower Upper

43 100

70 96.2 31.6 47.4#

55 347.6 19.7 29.5#

61 0.0 18.3 27.5#

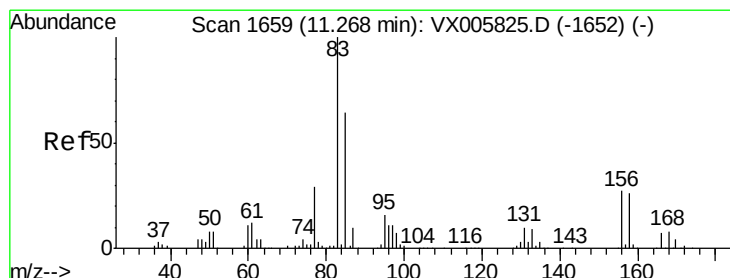
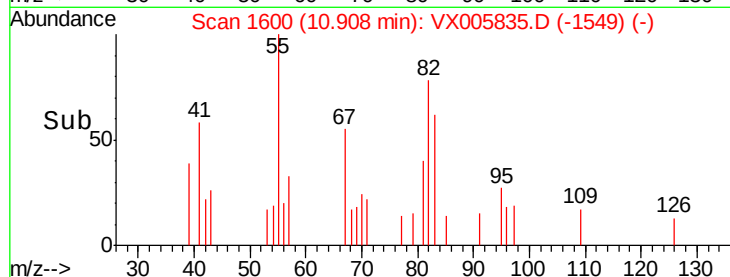
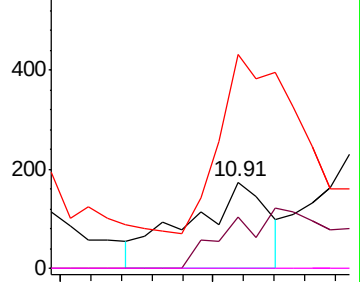


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#75

1,1,2,2-Tetrachloroethane

Concen: 0.204 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX005835.D

Acq: 07 Nov 2018 18:38

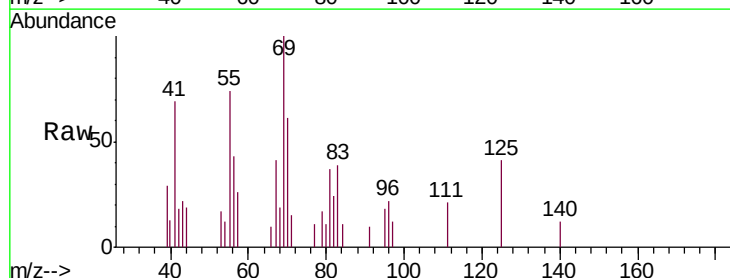
Tgt Ion: 83 Resp: 305

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

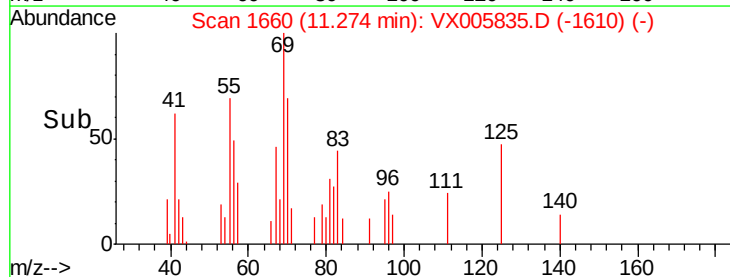
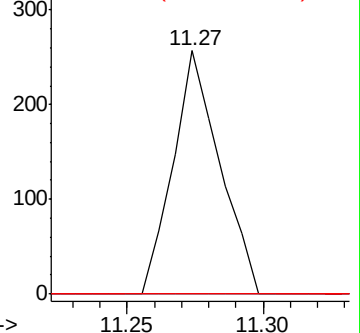
85 0.0 32.0 96.2#

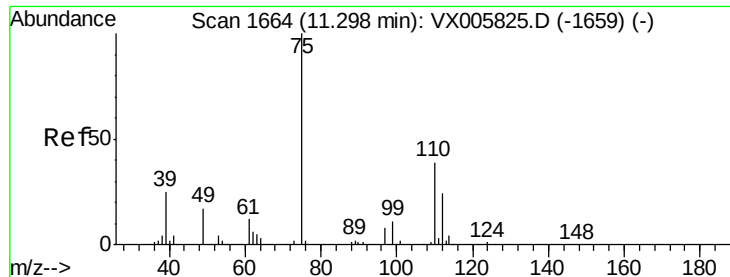


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 23.208 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005835.D

Acq: 07 Nov 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

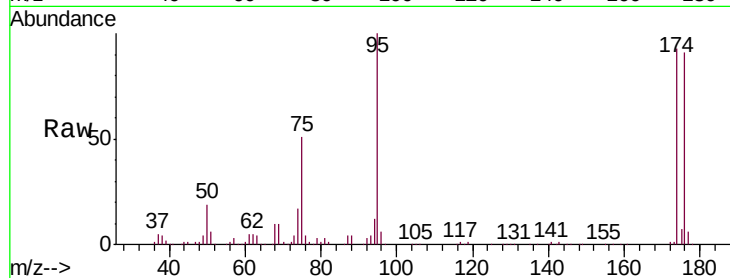
S81-0101

Tgt Ion: 75 Resp: 33266

Ion Ratio Lower Upper

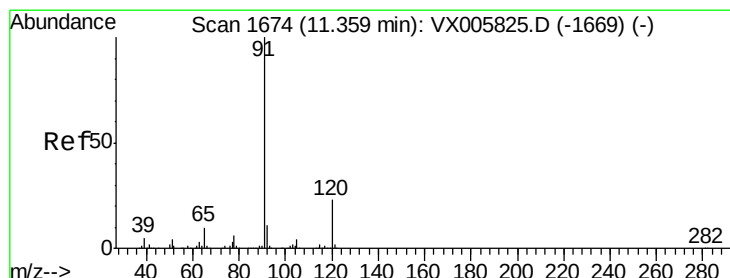
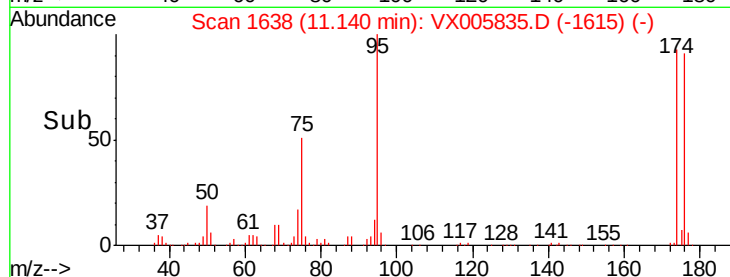
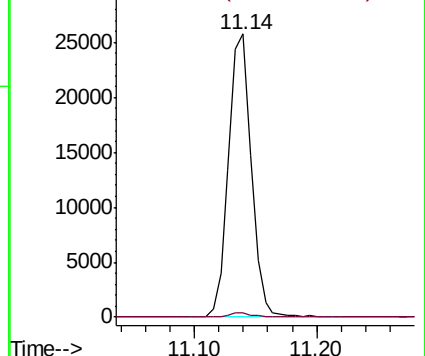
75 100

77 1.4 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: 1.104 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005835.D

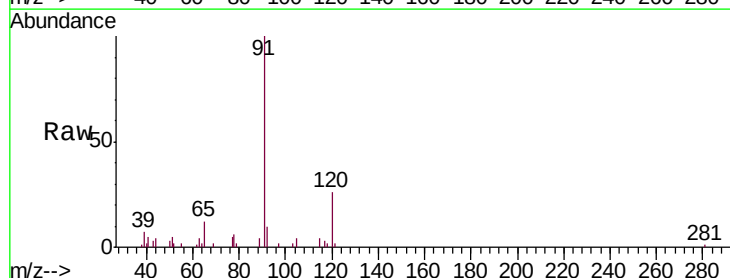
Acq: 07 Nov 2018 18:38

Tgt Ion: 91 Resp: 5298

Ion Ratio Lower Upper

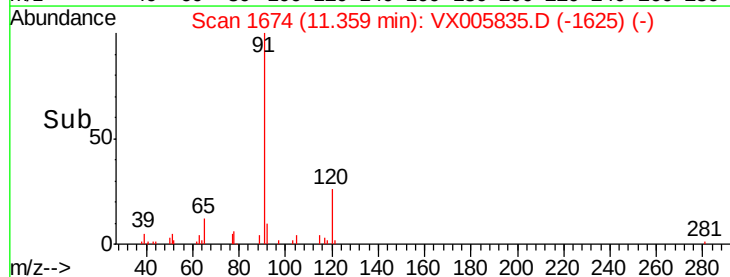
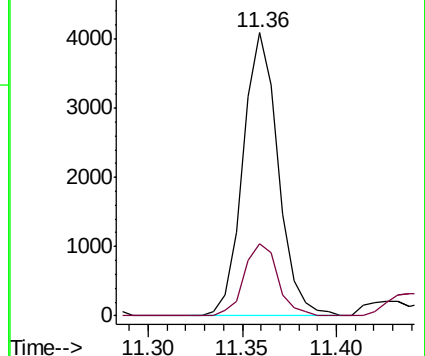
91 100

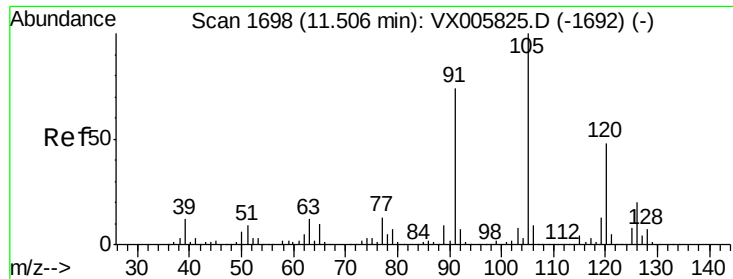
120 24.5 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 0.926 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. -0.06 min

Lab File: VX005835.D

Acq: 07 Nov 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

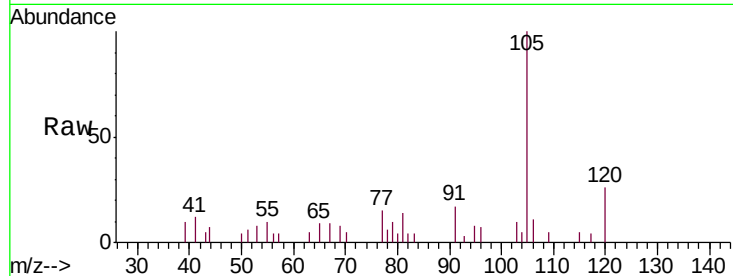
S81-0101

Tgt Ion:105 Resp: 3204

Ion Ratio Lower Upper

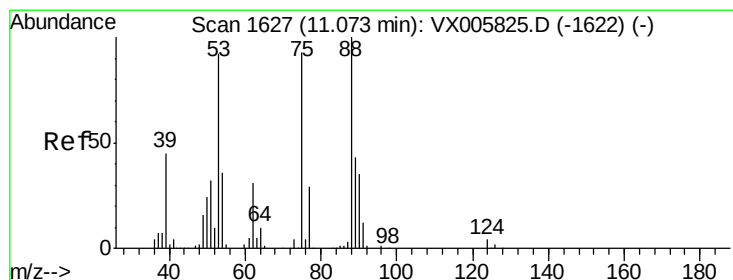
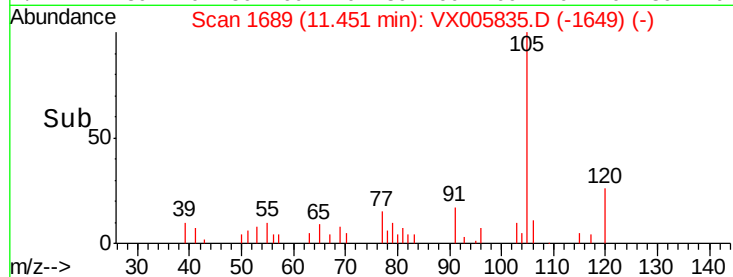
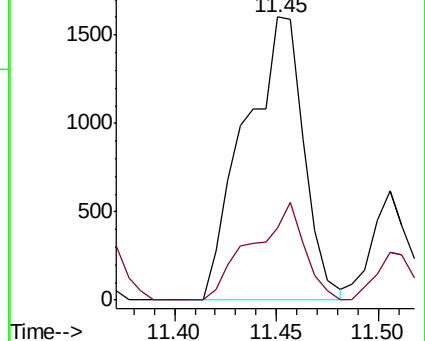
105 100

120 30.8 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 73.968 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX005835.D

Acq: 07 Nov 2018 18:38

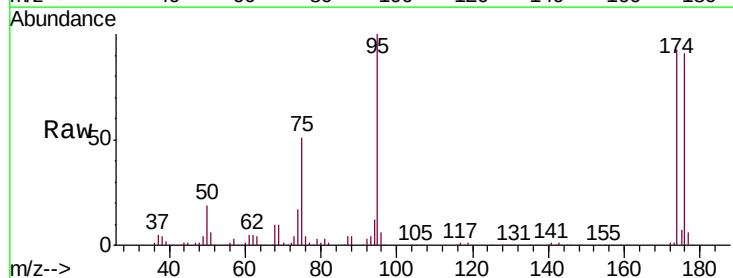
Tgt Ion: 75 Resp: 33266

Ion Ratio Lower Upper

75 100

53 0.1 80.2 120.2#

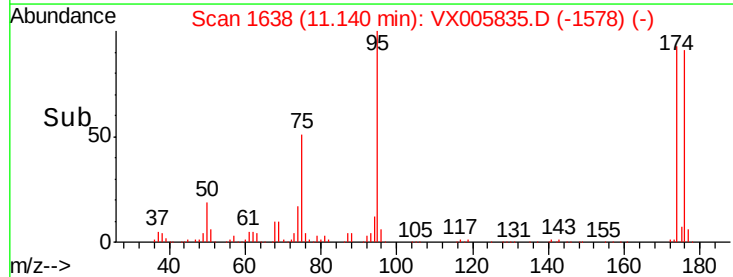
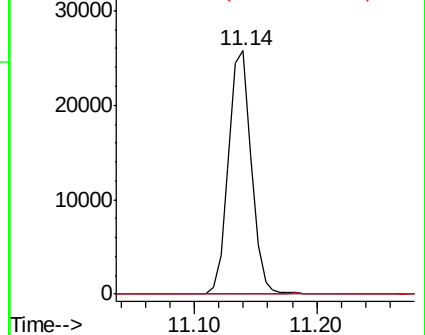
89 0.0 39.8 59.8#

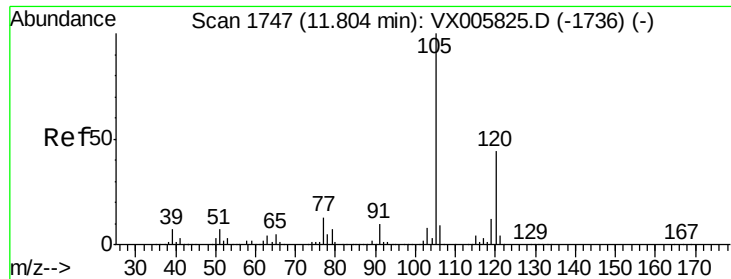


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

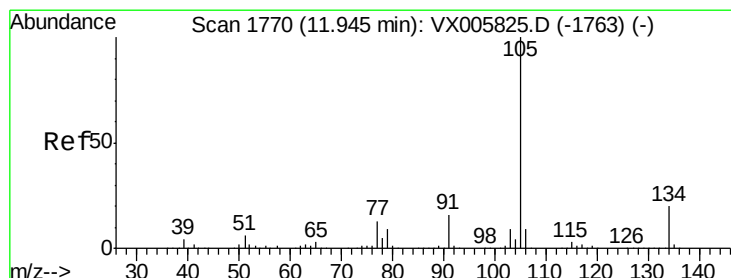
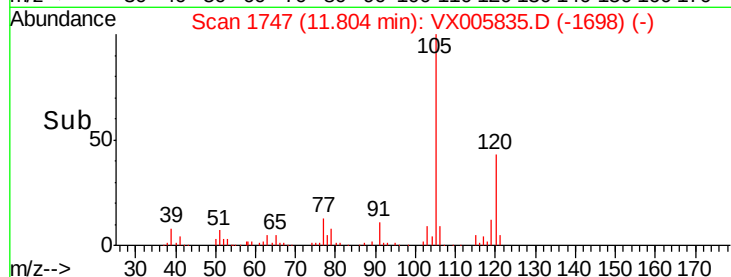
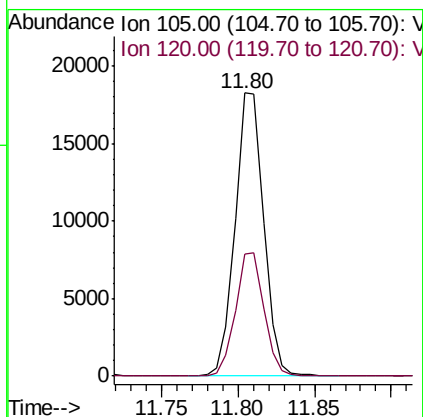
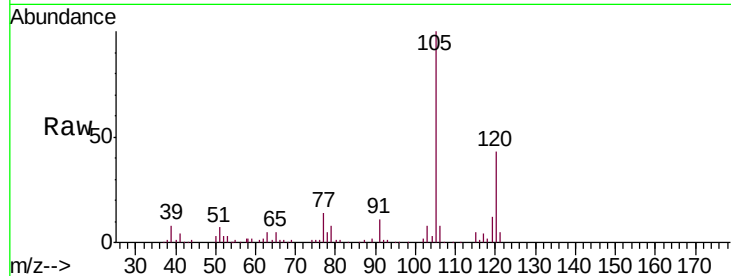




#84
 1,2,4-Trimethylbenzene
 Concen: 6.102 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX005835.D
 Acq: 07 Nov 2018 18:38

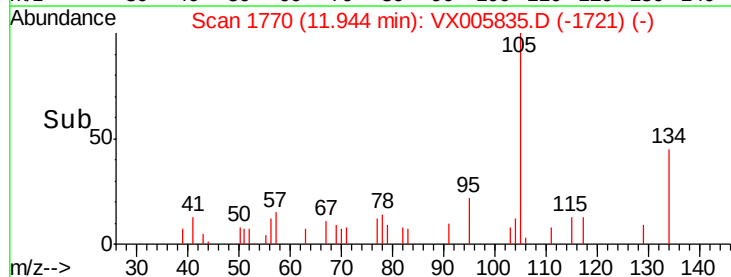
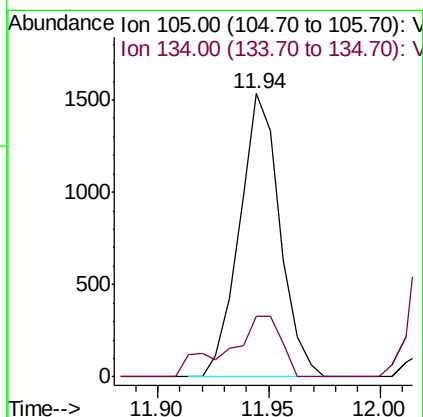
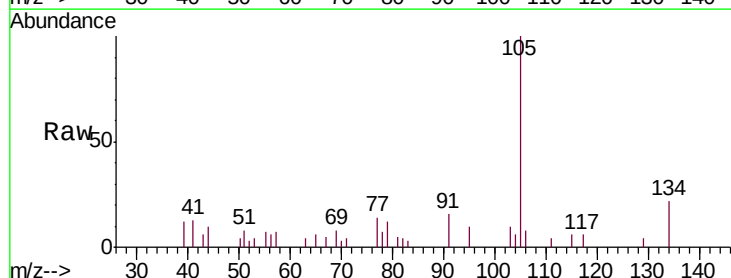
Instrument :
 MSVOA_X
 ClientSampled :
 S81-0101

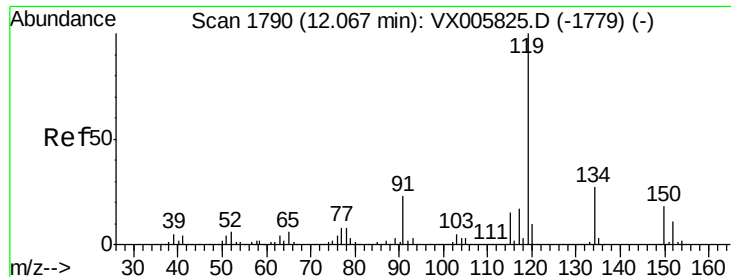
Tgt Ion:105 Resp: 23698
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.4 67.0



#85
 sec-Butylbenzene
 Concen: 0.452 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005835.D
 Acq: 07 Nov 2018 18:38

Tgt Ion:105 Resp: 1935
 Ion Ratio Lower Upper
 105 100
 134 28.4 10.2 30.4

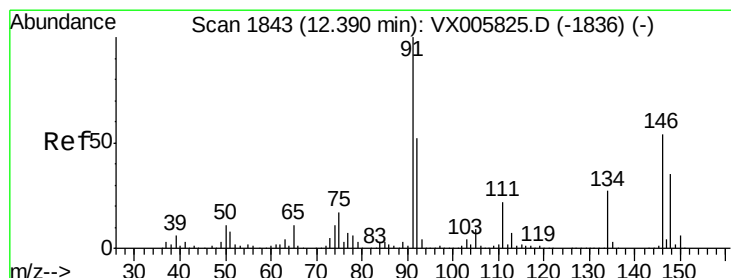
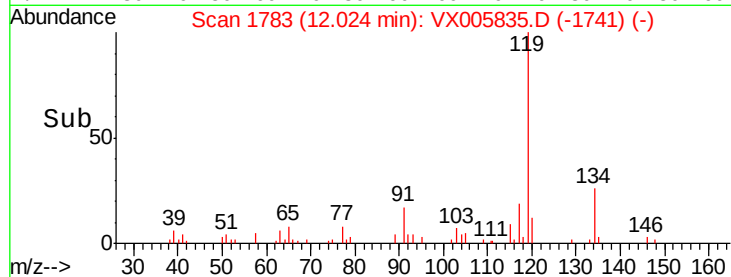
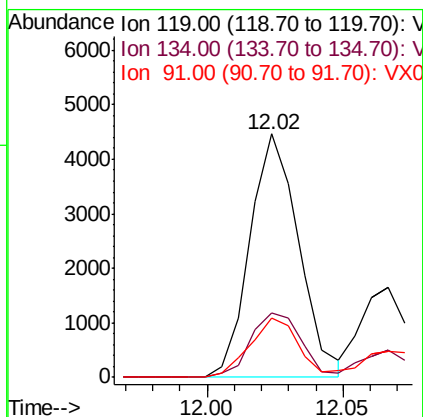
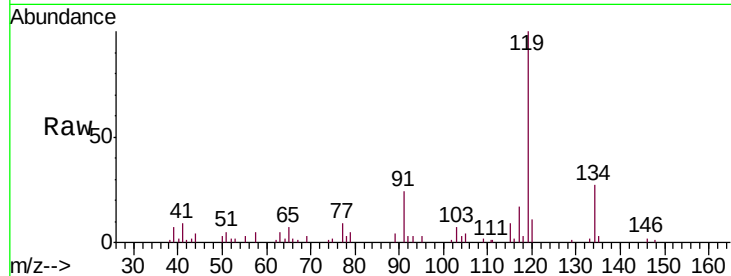




#86
 p-Isopropyltoluene
 Concen: 1.465 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.04 min
 Lab File: VX005835.D
 Acq: 07 Nov 2018 18:38

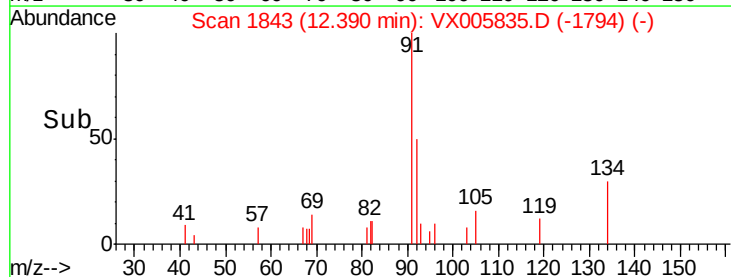
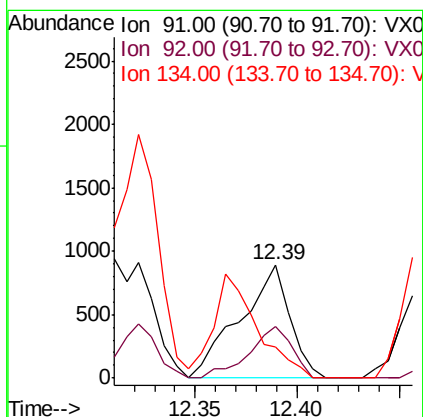
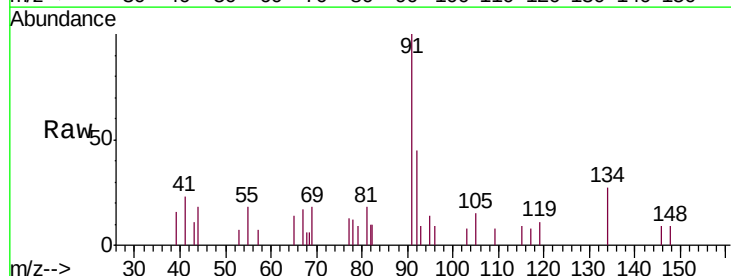
Instrument :
 MSVOA_X
 ClientSampleId :
 S81-0101

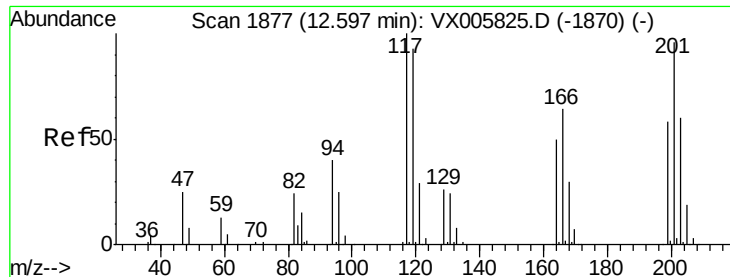
Tgt Ion: 119 Resp: 5555
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.0 39.0
 91 24.9 11.4 34.2



#89
 n-Butylbenzene
 Concen: 0.435 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005835.D
 Acq: 07 Nov 2018 18:38

Tgt Ion: 91 Resp: 1529
 Ion Ratio Lower Upper
 91 100
 92 38.9 26.1 78.2
 134 0.0 13.1 39.3#





#90

Hexachloroethane

Concen: 0.690 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX005835.D

Acq: 07 Nov 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

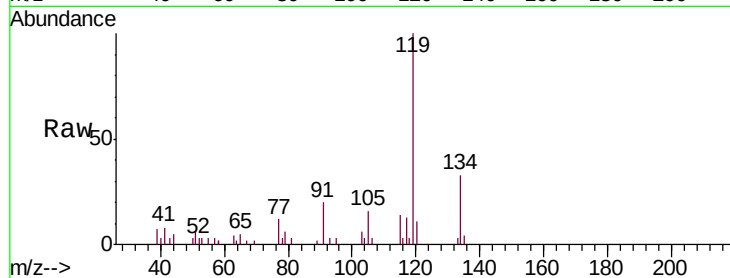
S81-0101

Tgt Ion:117 Resp: 437

Ion Ratio Lower Upper

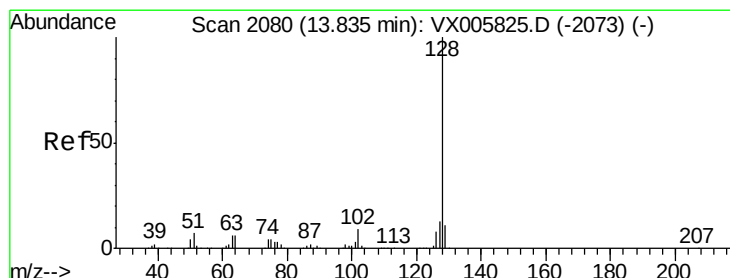
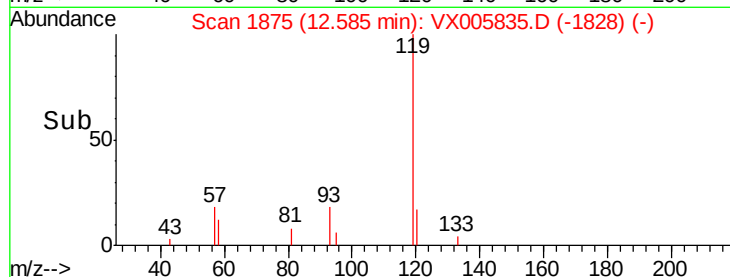
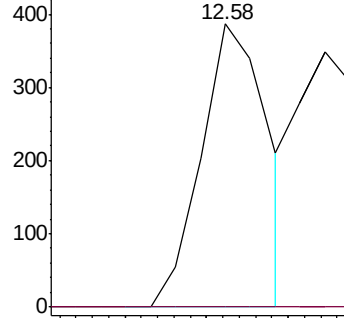
117 100

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



#95

Naphthalene

Concen: 2.526 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005835.D

Acq: 07 Nov 2018 18:38

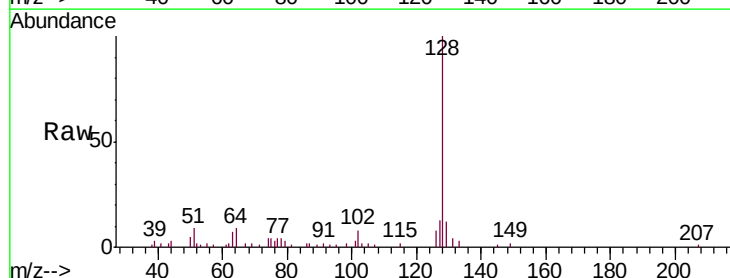
Tgt Ion:128 Resp: 6994

Ion Ratio Lower Upper

128 100

127 14.8 10.4 15.6

129 17.3 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

